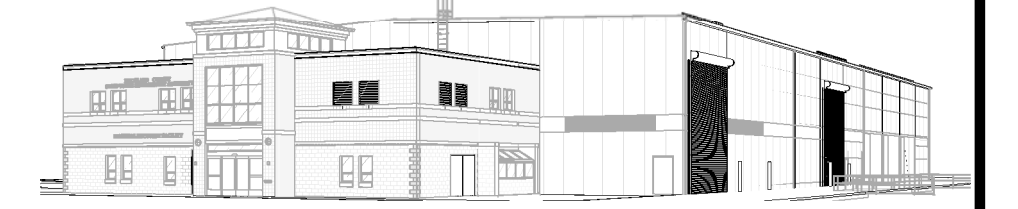
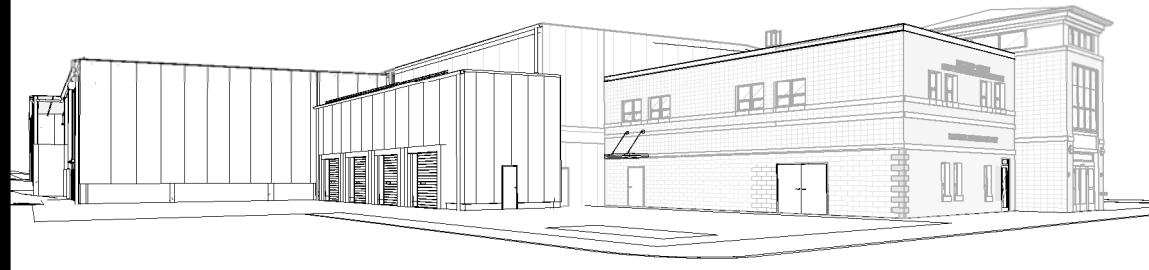


# ROCKLAND GREEN MRF FACILITY IMPROVEMENTS

## GENERAL CONSTRUCTION

### 420 TORNE VALLEY ROAD HILLBURN NY 10931



**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Melville, N.Y. 11747  
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185 N Pennsylvania Ave, Wilkes-Barre,  
PA 18701



OWNER:

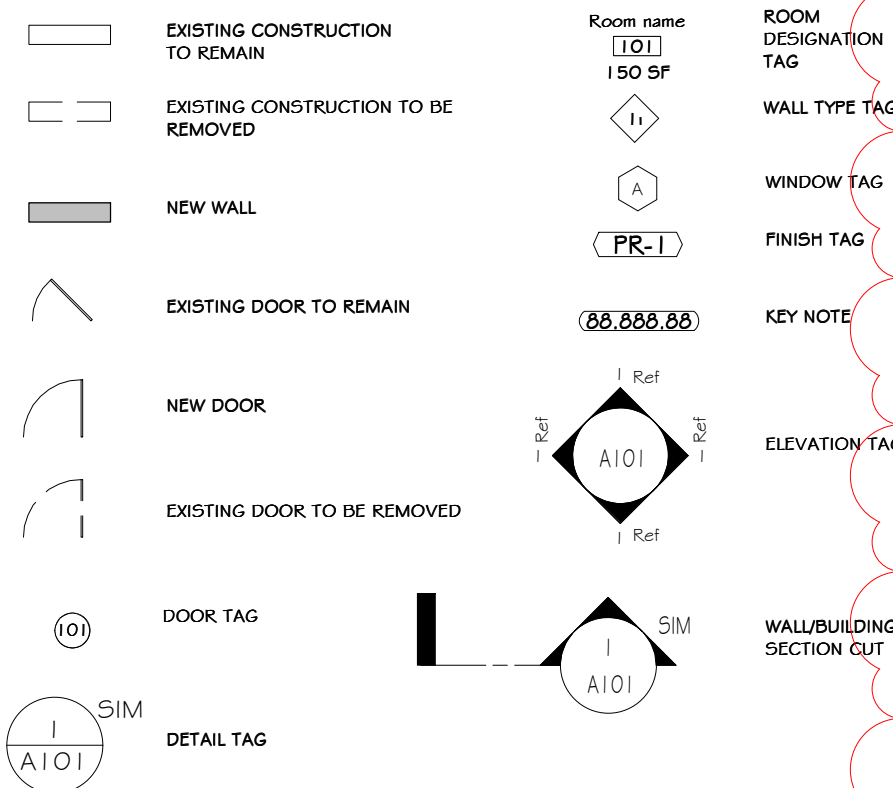
PROJECT ENGINEER:

ARCHITECT:

MECHANICAL, ELECTRICAL AND PLUMBING ENGINEER:

CIVIL ENGINEER:

#### LEGEND:



#### ABBREVIATIONS:

AB.	ANCHOR BOLT	MAT.	MATERIAL
A.C.T.	ACQUISITION CEILING TILE ABOVE FINISH FLOOR	MECH.	MECHANICAL
A.F.F.	APPROXIMATE ARCHITECT BASEMENT	MIN.	MINIMUM
AKCH.	ARCHITECT	MISC.	MISCELLANEOUS
BSMT.	BASEMENT	MTL.	METAL
BM	BEAM	NOM.	NOMINAL
BO	BOARD	N.T.S.	NOT TO SCALE
BOF.	BOTTOM	O.C.	ON CENTER
BUILD.	BUILDING	O.H.	OVERHEAD
CAB.	CABINET	P.D.	PAINTED
CLG.	Ceiling	P. LAM.	PLASTIC LAMINATE
C.T.	CERAMIC TILE	PL.	PLATE
C.R.	CIRCLE	P.S.F.	POUNDS PER SQ. FOOT
COL.	COLUMN	P.S.I.	POUNDS PER SQ. INCH.
C.L.	CONTROL JOINT	PREFAB.	PREFABRICATED
CORR.	CORRIDOR	P.T.	PRESSURE TREATED (WOOD)
D.L.	DEAD LOAD	RAD.	RADIUS
D.TL.	DETAIL	RIG.	RIGID
DIAM.	DIAMETER	REF.	REFERENCE
DN.	DOWN	REF.	REFINISH
D.W.	DISHWASHER	REV.	REVISION
D.S.	DOUBLE HUNG	RISER.	RISER
D.W.C.	DRAWING	RFG.	ROOM
D.W.C.	ELECTRICAL ELEVATION	SEC.	SECTION
ELEV.	EQUAL	SHING.	SHINGLES
EQ.	EQUIPMENT	SHEET.	SHEET
EXST.	EXISTING	SIM.	SHIM
EXT.	EXTERIOR	SIM.	SIMILAR
E.I.F.F.S.	EXTERIOR INSULATED FINISH SYSTEM	S.C.	SOFT CORE
FIN.	FINISH	SPEC.	SPECIFICATION
F.F.L.	FINISH FLOOR	STD.	STANDARD
FLR.	FLOOR	STO.	STORAGE
F.D.	FLOOR DRAIN	STR.	STRUCTURAL
FTG.	FOOTING	THICKNESS	THICKNESS
FND.	FOUNDATION	THR.	THRESHOLD
FUR.	FURRED	TG	TONGUE AND GROOVE
G.C.	GENERAL CONTRACTOR	T.O.B.	TOP OF BEAM
G.Y.B.	GYPSUM BOARD	T.O.F.	TOP OF FOUNDATION
HDW.	HARDWARE	T.O.P.	TOP OF PLATE
HDR.	HATCH	TRAP	TYPICAL
HVAC	HEATING/VENTILATION/AIR CONDITIONING	UNF.	UNFINISHED
HGT.	HIGHT	U.D.N.	UNLESS OTHERWISE NOTED
HRS.	HORIZONTAL	VERT.	VERTICAL
INS.	INSULATION (I, II)	W.C.	WATER CLOSET
INS.	INSULATED (I, II)	W.F.	WATER PROOFING
JT.	JOINT	W.K.	WATER RESISTANT
JKT.	JOIST	WV.	WELDED WIRE FABRIC
KIT	KITCHEN	WIND.	WINDOW
L.	LAVATORY	W/O	WITHOUT
LT.	LOAD	WOOD	WOOD
L.L.	LIVE LOAD		
MFR.	MANUFACTURER(S)		
MAS.	MASONRY		

#### SHEET LIST TABLE

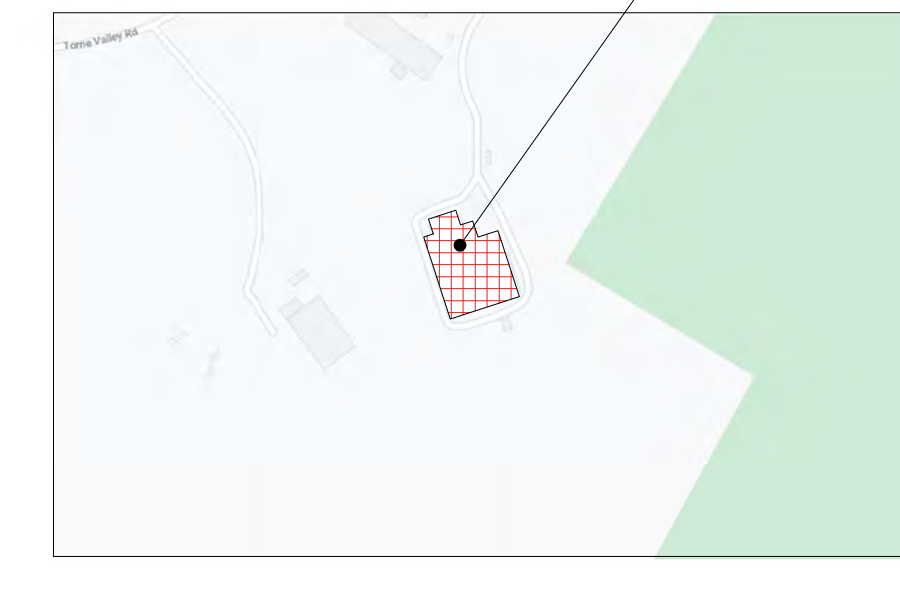
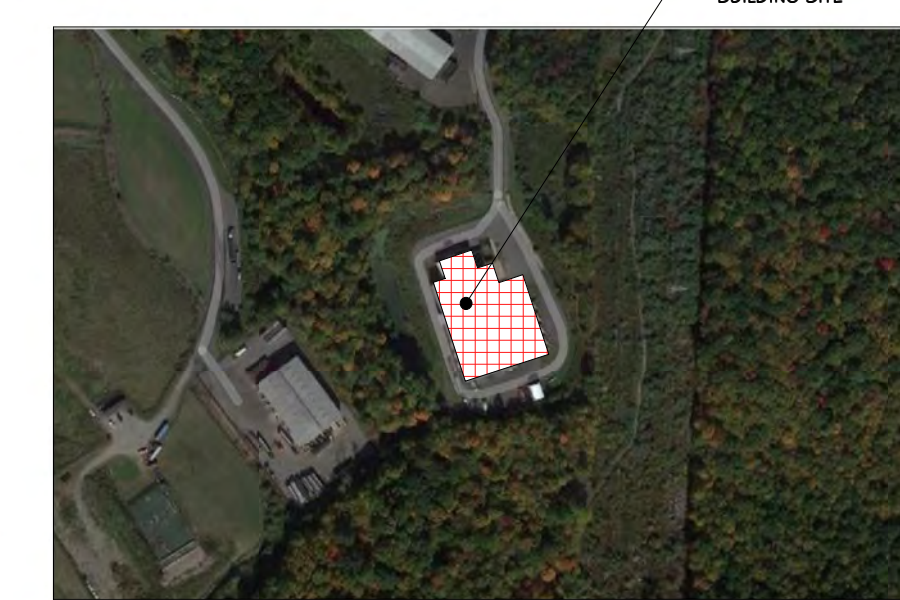
SHT.	SHEET TITLE	DRAWING DATE	100% CONSTR. DOCUMENT	REVISION HISTORY	CURRENT REVISION	ISSUED (Y/N)
ARCHITECTURAL						
A-001	TITLE SHEET	07/06/21	100%			
A-002	STAGING/SCOPING PLAN	07/06/21	100%			
A-100	CODE SHEET	07/06/21	100%			
A-101	OCCUPANCY DIAGRAMS	07/06/21	100%			
A-102	OVERALL FIRST FLOOR LIFE SAFETY PLAN	07/06/21	100%			
A-103	ENLARGED FIRST FLOOR OFFICE LIFE SAFETY PLAN	07/06/21	100%			
A-104	ENLARGED SECOND FLOOR LIFE SAFETY PLAN	07/06/21	100%			
A-105	LIFE SAFETY SECTION	07/06/21	100%			
A-106	ACCESSIBLE TYPICAL PLAN	07/06/21	100%			
AE-200	EXISTING OVERALL FIRST FLOOR PLAN	07/06/21	100%			
AE-201	ENLARGED EXISTING OFFICE FLOOR PLAN	07/06/21	100%			
AE-202	EXISTING FIRST FLOOR REFLECTED CEILING PLAN	07/06/21	100%			
AE-203	EXISTING ENLARGED OFFICE REFLECTED CEILING PLAN	07/06/21	100%			
AE-204	EXISTING ROOF PLAN	07/06/21	100%			
AE-300	EXISTING SOUTH + EAST EXT. ELEVATION	07/06/21	100%			
AE-301	EXISTING NORTH + WEST EXT. ELEVATION	07/06/21	100%			
AE-400	EXISTING BUILDING SECTIONS	07/06/21	100%			
AD-201	ENLARGED OFFICE DEMO PLAN	07/06/21	100%			
AD-202	REFLECTED GLG. DEMO PLAN	07/06/21	100%			
AD-203	ROOF DEMO PLAN	07/06/21	100%			
AD-300	DEMO SOUTH + EAST EXT. ELEVATION	07/06/21	100%			
AD-301	DEMO NORTH + WEST EXT. ELEVATION	07/06/21	100%			
AD-200	FIRST FLOOR DEMO PLAN	07/06/21	100%			
A-200	TYPICAL WALL TYPES	07/06/21	100%			
A-201	FIRST FLOOR COORDINATED PLAN	07/06/21	100%			
A-202	SECOND FLOOR COORDINATED PLAN	07/06/21	100%			
A-203	OVERALL FIRST FLOOR PLAN	07/06/21	100%			
A-204	OVERALL SECOND FLOOR PLAN	07/06/21	100%			
A-205	ENLARGED FIRST FLOOR OFFICE PLAN	07/06/21	100%			
A-206	ENLARGED SECOND FLOOR OFFICE PLAN	07/06/21	100%			
A-207	OVERALL FIRST FLOOR REFLECTED CEILING PLAN	07/06/21	100%			
A-208	ENLARGED FIRST FLOOR OFFICE REFLECTED CEILING PLAN	07/06/21	100%			
A-209	OVERALL SECOND FLOOR REFLECTED CEILING PLAN	07/06/21	100%			
A-210	ENLARGED SECOND FLOOR OFFICE REFLECTED CEILING PLAN	07/06/21	100%			
A-211	ENLARGED TOILET PLAN	07/06/21	100%			
A-212	OVERALL ROOF PLAN	07/06/21	100%			
A-213	ENLARGED OFFICE ROOF PLAN	07/06/21	100%			
A-300	OVERALL WEST, EAST + NORTH ELEVATIONS	07/06/21	100%			
A-301	ENLARGED NORTH + WEST EXTERIOR OFFICE ELEVATIONS	07/06/21	100%			

#### SHEET LIST TABLE

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MECHANICAL, ELECTRICAL AND PLUMBING						
A-302	ENLARGED SOUTH + EAST EXTERIOR OFFICE ELEVATIONS	07/06/21	100%			
A-303	INDUSTRIAL EAST ELEVATION	07/06/21	100%			
A-400	OVERALL BUILDING SECTIONS	07/06/21	100%			
A-401	OFFICE BUILDING SECTIONS	07/06/21	100%			
A-402	NEW ADDITION BUILDING SECTIONS	07/06/21	100%			
A-403	WALL SECTION DETAIL	07/06/21	100%			
A-404	WALL SECTION DETAIL	07/06/21	100%			
A-405	SECTION DETAIL	07/06/21	100%			
A-406	STAIR PLAN AND SECTIONS	07/06/21	100%			
A-407	STAIR PLAN AND SECTIONS	07/06/21	100%			
A-500	MEN'S TOILET #106 & WOMEN'S TOILET #104 INTERIOR ELEVATIONS	07/06/21	100%			
A-501	P.L.C. UNDER #203, UNISEX #207, JAN. CLO. #208 INT. ELEVATIONS	07/06/21	100%			
A-502	WOMEN'S LOCKER ROOM #105, TOILET RM. #114 PLAN & INT. ELEVATIONS	07/06/21	100%			
A-503	#107 COFFEE KITCHENETTE #204 PLAN & INT. ELEVATIONS	07/06/21	100%			
A-504	EMPLOYEE BREAK ROOM #101 PLAN & INT. ELEVATIONS	07/06/21	100%			
A-600	FIRE RATED DETAILS	07/06/21	100%			
A-601	FIRE RATED DETAILS	07/06/21	100%			
A-602	METAL FRAMING DETAILS	07/06/21	100%			
A-603	MASONRY DETAILS	07/06/21	100%			
A-604	TILE SCHEDULE DETAIL	07/06/21	100%			
A-605	MILLWORK DETAILS	07/06/21	100%			
A-606	ROOFING DETAILS	07/06/21	100%			
A-607	ROOF LADDER DETAILS	07/06/21	100%			
A-608	COMMERCIAL DETAILS	07/06/21	100%			
A-609	CONDUIT DETAILS	07/06/21	100%			
A-610	TOILET PARTITION DETAILS-TYPE I	07/06/21	100%			
A-611	SITE DETAILS	07/06/21	100%			
A-612	COMMERCIAL SITE DETAILS	07/06/21	100%			
A-613	MULLION MATE DETAILS	07/06/21	100%			
A-614	OVERHEAD DOOR DETAIL	07/06/21	100%			
A-615	FEMM DETAILS	07/06/21	100%			
A-700	FINISH PLANS	07/06/21	100%			
A-701	PAINT PLANS	07/06/21	100%			
A-800	DOORS & WINDOW SCHEDULE	07/06/21	100%			
A-900	STOCKROOM SCHEDULE	07/06/21	100%			
A-901	ENLARGED FURNITURE PLANS	07/06/21	100%			
A-902	ENLARGED FURNITURE DETAILS	07/06/21	100%			
A-903	EQUIPMENT PLAN	07/06/21	100%			
A-905	INTERIOR SIGN SCHEDULES	07/06/21	100%			

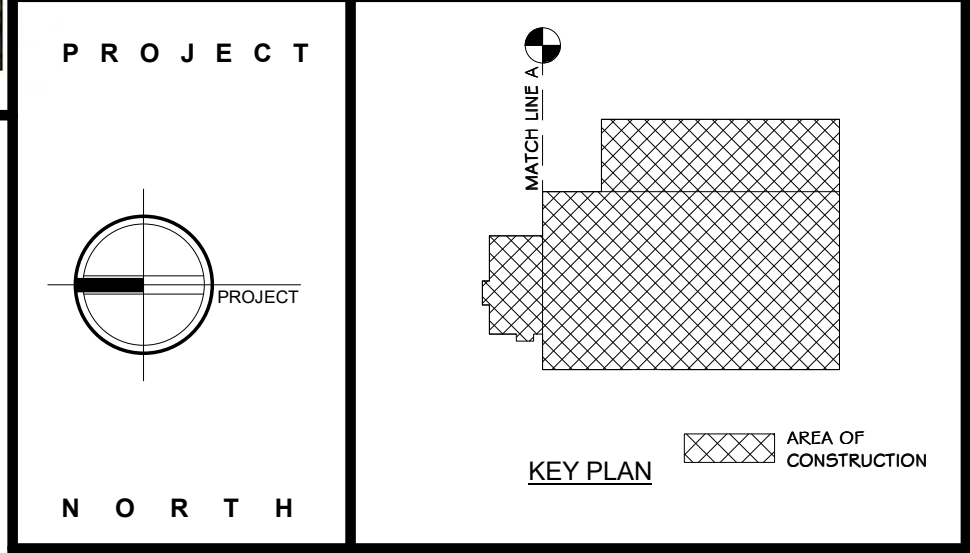
#### SHEET LIST TABLE

SHT.	SHEET TITLE	DRAWING DATE	100% CONSTR. DOCUMENT	REVISION HISTORY	CURRENT REVISION	ISSUED (Y/N)
CIVIL						
C-100	EXISTING CONDITIONS PLAN	07/06/21	100%			
C-101	PROPOSED GAS MAIN EXTENSION	07/06/21	100%			
C-200	EROSION AND SEDIMENT CONTROL PLAN	07/06/21	100%			
C-201	E & S DETAILS	07/06/21	100%			
C-400	GRADING AND LAYOUT PLAN	07/06/21	100%			
C-400A	GRADING AND LAYOUT PLAN - ALTERNATE	07/06/21	100%			
C-401	SITE DETAILS	07/06/21	100%			
C-500	SITE RESTORATION PLAN	07/06/21	100%			
C-501	SITE RESTORATION DETAILS	07/06/21	100%			
SUPPLEMENTAL DRAWINGS						
BP-100	SITE SAFETY PLAN	07/06/21	100%			



#### ROCKLAND GREEN FACILITY IMPROVEMENTS PHASING NOTE

- Rockland Green is soliciting proposals for the construction of improvements to its existing Materials Recovery Facility (MRF), as further detailed in the Drawings and Specifications. These Facility Improvements include, but are not limited to, a building addition, site work, interior demolition work, interior build-out work, electric service upgrades and reworked mechanical, plumbing, electrical, fire sprinkler and fire alarm systems to accommodate a new state-of-the-art dual stream recyclables processing system supplied and installed under Contract No. 1 - Processing Equipment.
- The Facility Improvements are being procured through separate contracts as follows:
  - Contract No. 1 - Facility Improvements: General Construction
  - Contract No. 2 - Facility Improvements: Mechanical/HVAC
  - Contract No. 3 - Facility Improvements: Plumbing
  - Contract No. 4 - Facility Improvements: Electrical
  - Contract No. 5 - Facility Improvements: Fire Protection System
- The building has been divided into the following area designations:
  - Area 1 - Existing Tipping Area.
  - Area 2 - Existing Processing Area.
  - Area 3 - Existing Administration Area.
  - Area 4 - New Commingled Tipping Area.
  - Area 5 - New Storage & Glass Processing Area.
  - Area 6 - New Truck Loading Dock Area.
- Work shall commence on the exterior and in the Areas 1 and 2 for Substantial Completion to be achieved prior to the start of delivery and installation of the Dual Stream Recyclables Processing System. It shall include all work as defined in the Contract Drawings, Specifications, and RFP Appendices. It shall also include all rough-in associated with Mechanical, Electrical, Plumbing, and Fire Protection Equipment. All final connections of Mechanical, Electrical, Plumbing and Fire Protection (including equipment fire sprinkler system) in Areas 1 and 2 shall be completed prior to the start-up of processing equipment.
- Work in Area 3 shall be sequenced to allow efficient access and use of existing spot for Contractors - site as approved by the Engineer and shall be completed by the Contractor for Contract No. 2-6 shall achieve Substantial Completion prior to the required date for the Operator to mobilize on-site and have partial occupancy and use of Area 3. Additionally, any Work by Contract Nos. 1 and 3-6 related to all other Areas 1, 2, 4, 5 and 6 shall be sequenced to support and not delay the overall Project Schedule.
- Contract Nos. 2-6 Work in Areas 4 - 6 shall be sequenced by each applicable Contractor to make most use and access of working space where the building erection is complete, so the work of Contract No. 1 can proceed efficiently. All work to be coordinated between the Contractors.



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Sterling Environmental Engineering, P.C.

**martinrogers**  
ENGINEERING CONSULTANTS  
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**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING  
INTERIORS

**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

**ROCKLAND GREEN**  
MATERIALS RECOVERY FACILITY,  
FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

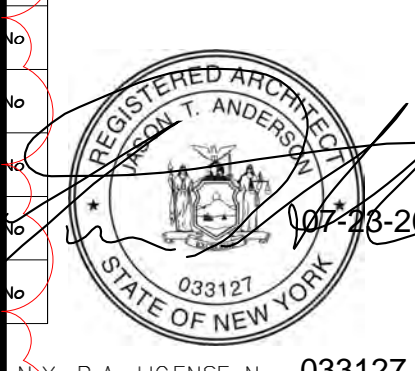
**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Melville, N.Y. 11747  
ph: 631-756-1060  
fax: 631-756-1064

REVISED FOR RFP ADDENDUM 6  
ISSUED FOR RFP

PROJ. No: 499-010  
SCALE: AS SHOWN

CHECKED: ADG 07/06/21  
DESIGNED: ADG 07/06/21  
APPROVED: ADG 07/06/21  
APPROVED: ADG 07/06/21

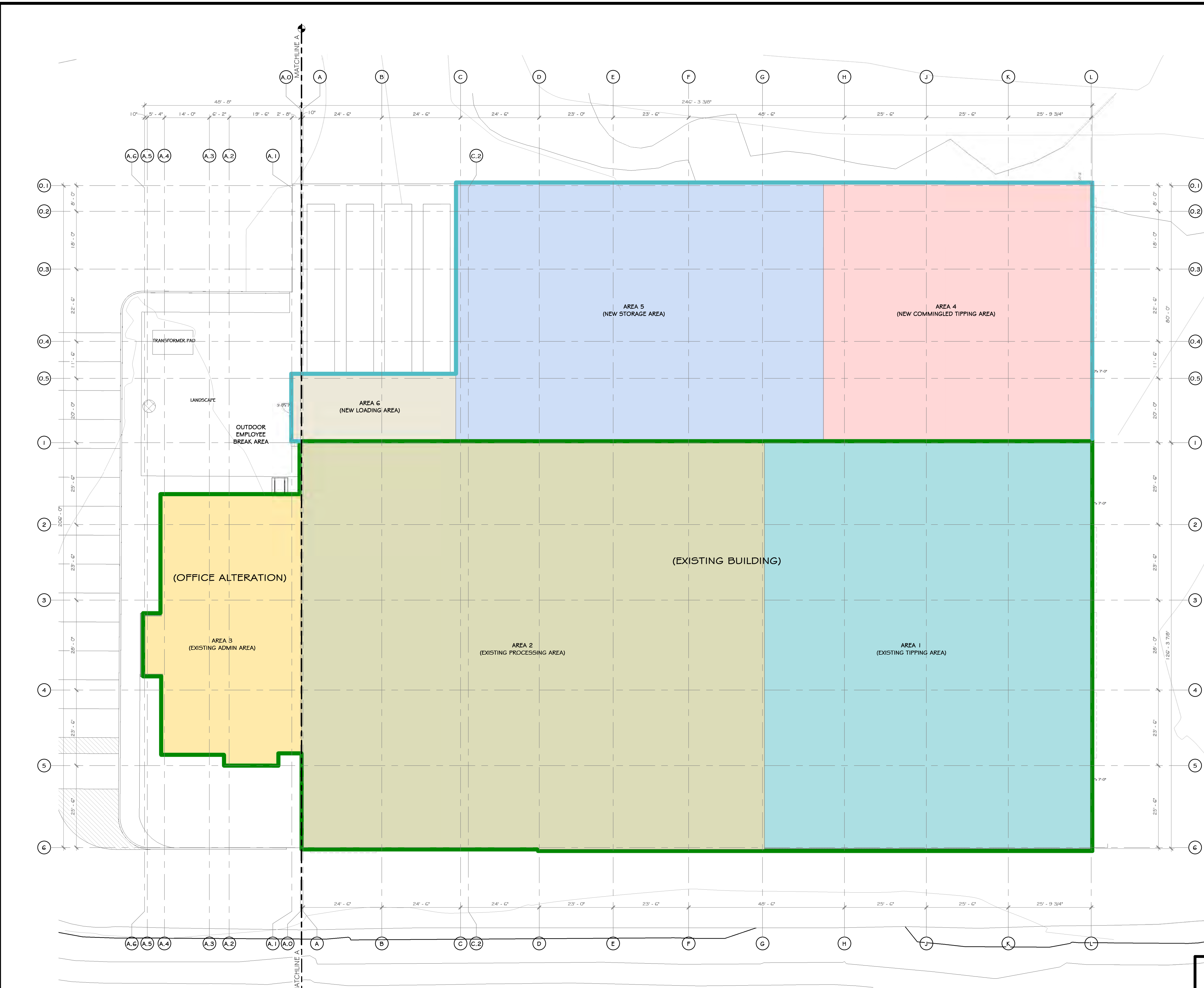
DWG. No: A-001  
C.A.D. FILE:  
SHEET SIZE: D-24x36  
REV



N.Y. R.A. LICENSE No. 033127  
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW

**CONSTRUCTION NOTES**

- NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING
- GENERAL CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE EXISTING CONDITIONS FROM DAMAGE.
  - ANY TEMPORARY SHUT-DOWN OF SERVICES MUST BE COORDINATED THROUGH THE OWNER'S REPRESENTATIVE. ALL WORK INVOLVING POWER SHUTDOWNS, ACCESS TO AND WITHIN EXISTING OPERATIONS AREAS, IS TO BE COORDINATED WITH THE OWNER A MINIMUM OF 3 WEEKS PRIOR TO THE ANTICIPATED START OF SUCH WORK.
  - ALL CONSTRUCTION SEQUENCING IS TO BE COORDINATED WITH THE OWNER AND/OR OWNER'S REPRESENTATIVE.
  - THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ANY TEMPORARY PROTECTION AS REQUIRED TO MAINTAIN ACCESS BY THE PUBLIC ALONG THE SIDEWALK AND ACCESS TO OTHER PARTS OF THE SITE NOT UNDER CONSTRUCTION. ALL PROTECTION MUST BE IN ACCORDANCE WITH ALL LOCAL AND STATE CODE REQUIREMENTS FOR LIFE SAFETY. A WRITTEN NARRATIVE AND SCHEMATIC PLAN OF SUCH PROTECTION MUST BE PROVIDED AND APPROVED BY THE OWNER, ARCHITECT, AND LOCAL BUILDING INSPECTOR PRIOR TO THE START OF CONSTRUCTION.
  - THE GENERAL CONTRACTOR IS RESPONSIBLE FOR TEMPORARY SERVICES, INCLUDING RESTROOMS, RESTROOMS WITHIN THE OWNER'S ADJACENT BUILDINGS ARE NOT TO BE USED BY CONSTRUCTION PERSONNEL.
  - CLEANING AT THE CONCLUSION OF THE PROJECT, THE BUILDING (AREAS OF WORK ONLY) MUST BE CLEANED TO THE SATISFACTION OF THE OWNER. IT IS TO BE A THOROUGH CLEANING SO THAT THE SPACE IS READY TO BE OCCUPIED AND IS IN "MOVE-IN CONDITION." IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO DOCUMENT THE EXISTING CONDITIONS OF THE ADJACENT SPACE PRIOR TO CONSTRUCTION SO AS NOT TO BE HELD RESPONSIBLE FOR ANY DAMAGE NOT CAUSED BY GENERAL CONTRACTOR OR THEIR SUB-CONTRACTORS. IT IS RECOMMENDED THAT THE GENERAL CONTRACTOR PROVIDE DUST CONTROL MEASURES AT VARIOUS POINTS IN THE BUILDING TO HELP LIMIT MIGRATION OF CONSTRUCTION DUST AND DEBRIS.
  - DUMPSTERS AND/OR DUMP TRUCKS ARE PERMITTED TO BE PARKED ON SITE. THE EXACT PLACEMENT OF THIS EQUIPMENT IS TO BE COORDINATED WITH THE OWNER'S REPRESENTATIVE AS DETERMINED IN THE CONSTRUCTION CONTRACT. ANYTHING DAMAGED DURING THE DELIVERY, PLACEMENT, OR REMOVAL OF SUCH ITEMS IS TO BE REPAIRED BY THE GENERAL CONTRACTOR AND BROUGHT BACK TO ITS ORIGINAL CONDITION (LANDSCAPING, SIDEWALK, CURBS, ETC.). WORK IS PERMITTED TO START AT 6AM ON SITE, AND IS ABLE TO CONTINUE UNTIL 7PM, 6 DAYS A WEEK.
  - CONSTRUCTION FENCE TO BE PROVIDED AS REQUESTED BY OWNER OR A/H, OR AS NEEDED BY G.C. TO PROTECT THE PUBLIC EMPLOYEES FROM THE CONSTRUCTION AREAS.
  - SEE CIVIL DRAWINGS FOR LOCATIONS OF UTILITIES AND OTHER SITE FEATURES.
  - COORDINATION TO BE DISCUSSED WITH THE OWNER PRIOR TO CONSTRUCTION:
    - THE LIMIT OF OUTDOOR AREA TO BE USED BY GENERAL CONTRACTOR FOR STAGING, TEMPORARY SERVICES, ETC.
    - LOCATION OF CONSTRUCTION TRAILERS AND STORAGE TRAILERS (THESE MUST REMAIN IN THE APPROVED LOCATIONS), SO AS TO MINIMIZE INTERRUPTIONS TO CURRENT BUILDING ACTIVITIES.
    - DELIVERIES OF MATERIALS MUST OCCUR IN THE STAGING AREA AND/OR PREVIOUSLY AGREED UPON LOCATIONS WITH THE OWNER, SO AS TO MINIMIZE INTERRUPTIONS TO ADJACENT PROPERTY ACTIVITIES. SIGNIFICANT DELIVERIES, SUCH AS METAL BUILDING STEEL, LARGE QUANTITIES OF MASONRY PRODUCTS, BAR, JOISTS, ETC., MUST BE COORDINATED WITH THE OWNER AND/OR OWNER'S REPRESENTATIVE AT LEAST ONE WEEK PRIOR TO DELIVERY SO AS TO MINIMIZE INTERRUPTIONS TO ADJACENT BUILDING/SITE ACTIVITIES.
    - COORDINATION BETWEEN THE GENERAL CONTRACTOR AND THE M.E.P. AND EQUIPMENT CONTRACTORS: A GENERAL PLAN FOR COORDINATION OF THE WORK BETWEEN THE CONTRACTORS MUST BE DISCUSSED PRIOR TO THE CONTRACT SIGNING AND A GENERAL MEANS AND METHODS PLAN MUST BE DISCUSSED AND DOCUMENTED BY EACH CONTRACTOR PRIOR TO THE CONTRACT SIGNING. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO, SITE ACCESS AND SEPARATE STAGING AREAS, DUMPSTERS, RESTROOMS, FENCING, SIGNAGE, ETC. BI-WEEKLY COORDINATION MEETINGS WITH A SENIOR REPRESENTATIVE FROM EACH CONTRACTOR AND THE OWNER ARE REQUIRED FOR THE DURATION OF THE PROJECT.



1 SCOPING/STAGING PLAN  
1/16" = 1'-0"

**SCOPE BY AREA LEGEND:**

COLOR OF AREA	DESCRIPTION
Blue	AREA 1: EXTERIOR WALL REPAIR, ROOF REPAIR/REPLACE, EXTERIOR DOORS, INTERIOR STRUCTURAL SWAG AND ELEMENTS, SITE RELATED WORK, MEPPF SYSTEMS, LIFE SAFETY COMPONENTS, AND EQUIPMENT INSTALL.
Green	AREA 2: EXTERIOR WALL REPAIR, ROOF REPAIR/REPLACE, EXTERIOR DOORS, INTERIOR STRUCTURAL SWAG AND ELEMENTS, SITE RELATED WORK, MEPPF SYSTEMS, LIFE SAFETY COMPONENTS, AND EQUIPMENT INSTALL.
Yellow	AREA 3: SITE RELATED WORK, INTERIOR OFFICE FIT OUT, NEW ROOF, NEW MEPPF SYSTEMS, STRUCTURAL ELEMENTS FOOTINGS/POLYMERIZATION, PERMITS, PERSONNEL AND OVERHEAD DOORS, SITE RELATED WORK, MEPPF SYSTEMS, LIFE SAFETY COMPONENTS, AND EQUIPMENT INSTALL.
Red	AREA 4: STRUCTURAL ELEMENTS FOOTINGS/POLYMERIZATION, PERMITS, PERSONNEL AND OVERHEAD DOORS, SITE RELATED WORK, MEPPF SYSTEMS, LIFE SAFETY COMPONENTS, AND EQUIPMENT INSTALL.
Blue	AREA 5: STRUCTURAL ELEMENTS FOOTINGS/POLYMERIZATION, PERMITS, PERSONNEL AND OVERHEAD DOORS, DOCK LEVELERS, SITE RELATED WORK, MEPPF SYSTEMS, LIFE SAFETY COMPONENTS, AND EQUIPMENT INSTALL.
Tan	AREA 6: EXTERIOR WALL REPAIR, ROOF REPAIR/REPLACE, EXTERIOR DOORS, INTERIOR STRUCTURAL SWAG AND ELEMENTS, SITE RELATED WORK, MEPPF SYSTEMS, LIFE SAFETY COMPONENTS, AND EQUIPMENT INSTALL.

**STAGING LEGEND:**

Blue outline	LINE OF NEW BUILDING FOOTPRINT
Green outline	OUTLINE OF EXISTING BUILDINGS TO REMAIN

**PROJECT**

**NORTH**

**KEY PLAN**

AREA OF CONSTRUCTION

**STERLING**  
Sterling Environmental Engineering, P.C.

**martin rogers**  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
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PLANNING  
INTERIORS

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NY COA # 0017967

**Rockland Green**

**ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS**  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**STAGING/SCOPING PLAN**

BY	DATE	PROJ. No:	SCALE:
DRAWN	IDEA	07/06/21	AS SHOWN
CHECKED	ADG	07/06/21	DWG. NO: A-005
DESIGNED	ADG	07/06/21	CAD FILE:
APPROVED	ADG	07/06/21	CAD FILE:
APPROVED			SHEET SIZE: D-24x36

**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Melville, N.Y. 11747  
ph: 631-756-1000  
fax: 631-756-1044

REVISED FOR RFP ADDENDUM 6 07-25-21

ISSUED FOR RFP 07-06-21

DESCRIPTION

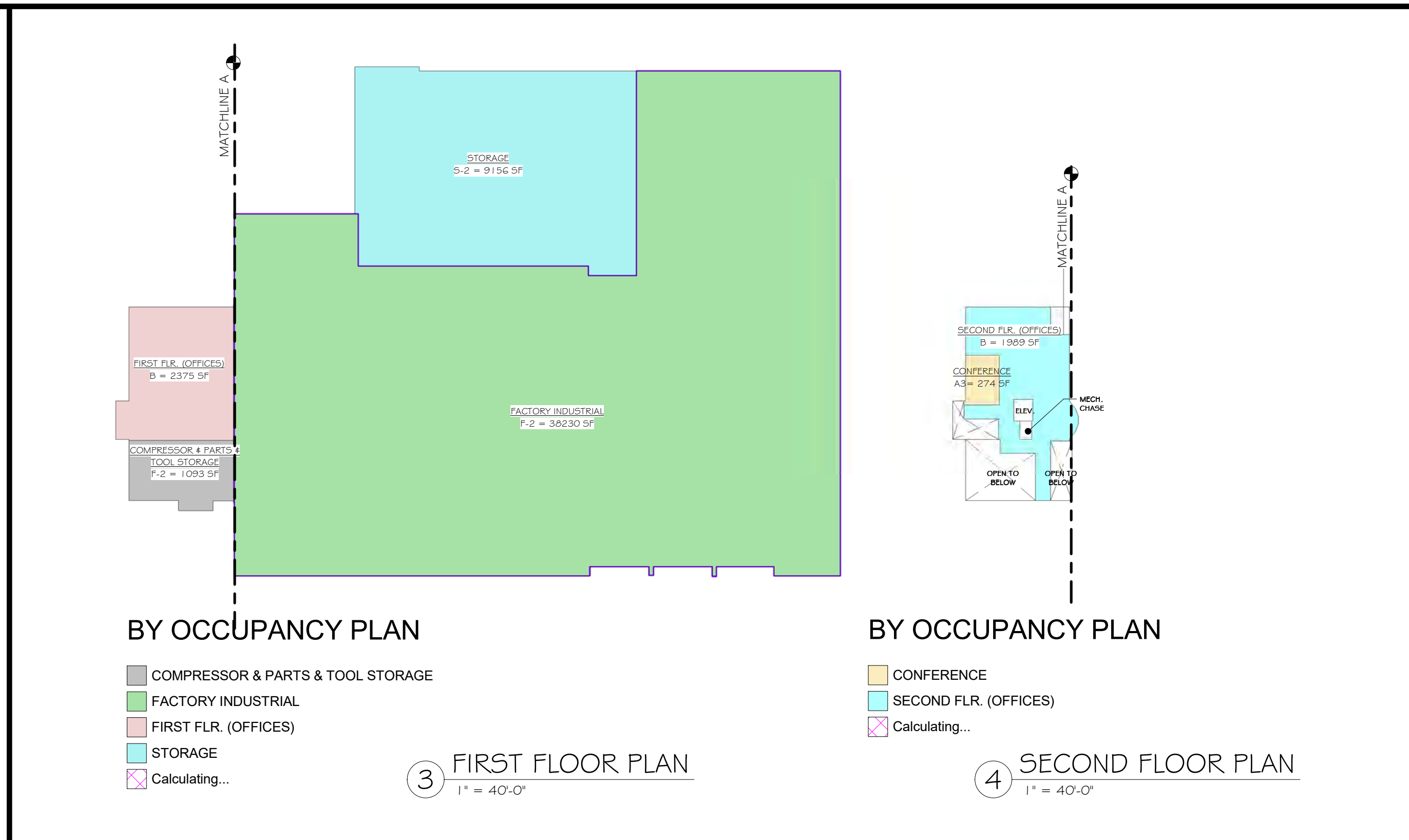
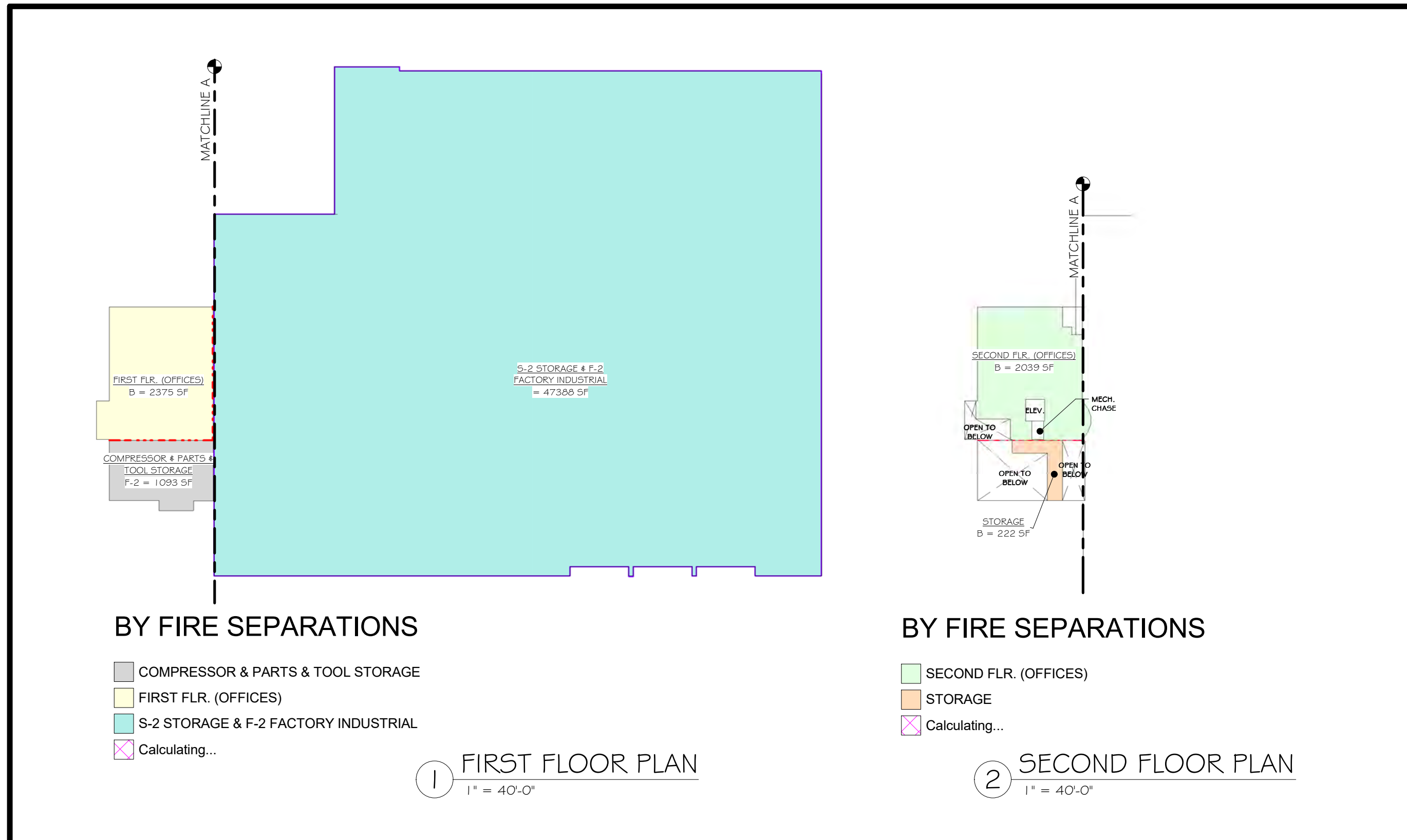
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**RRT Engineering, LLC**

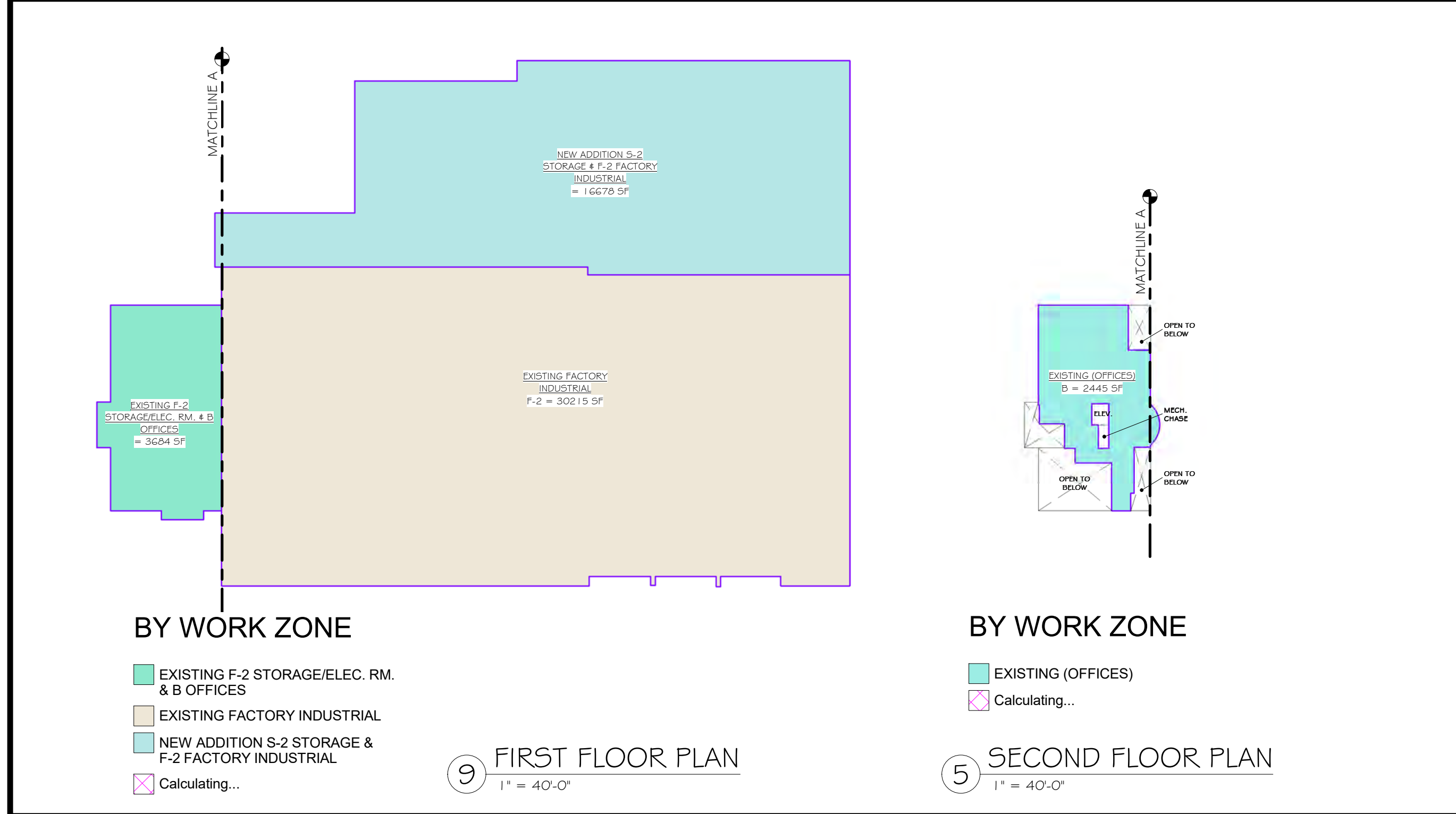
REGISTERED ARCHITECT  
MICHAEL T. ANDERSON  
STATE OF NEW YORK  
033127  
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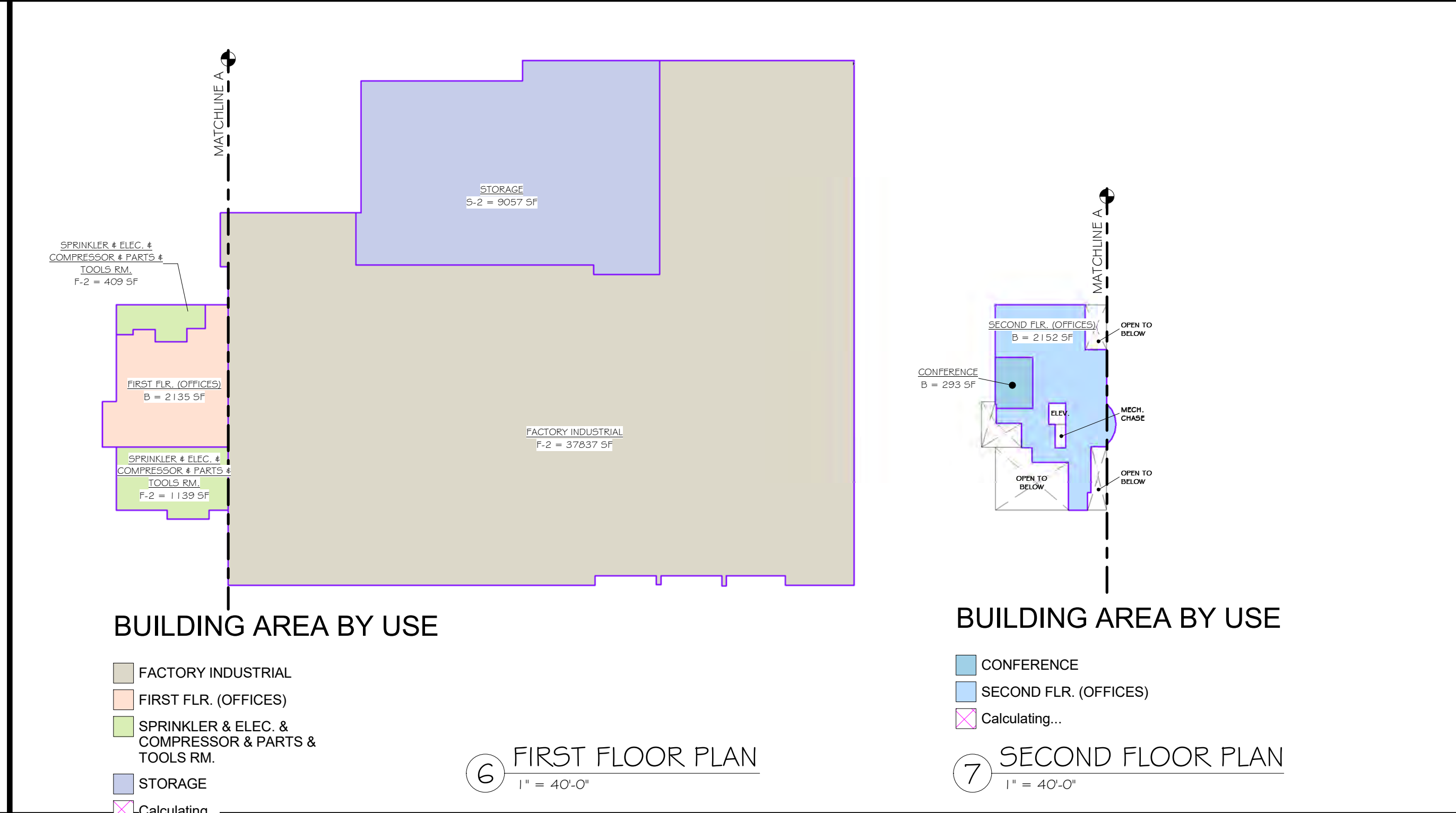




**BUILDING AREAS BY FIRE BARRIER SEPARATIONS**

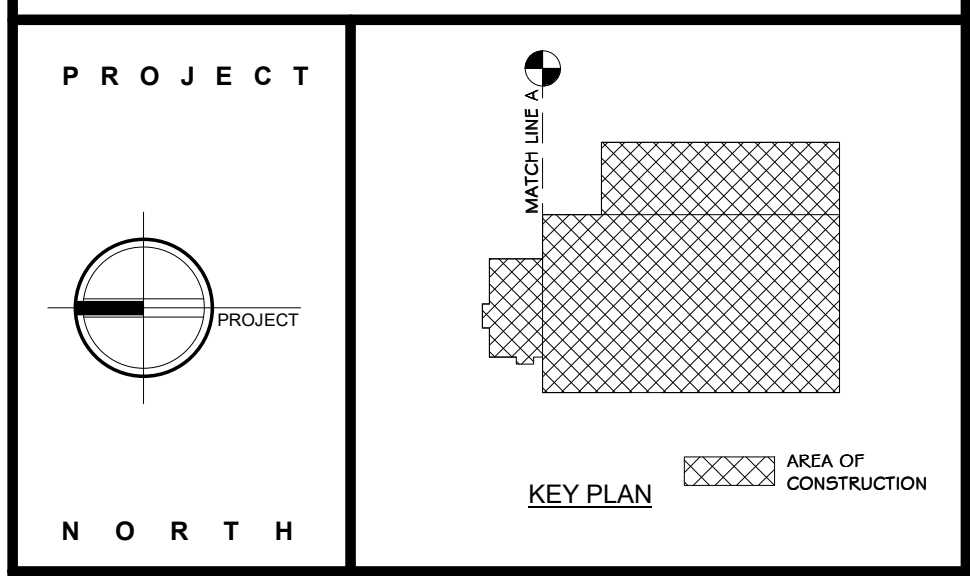


**BUILDING AREAS BY USE**



**BUILDING AREAS BY WORK ZONES**

**BUILDING AREAS BY OCCUPANCY LOAD AREAS**



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**martin rogers**  
ENGINEERING CONSULTANT  
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NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**OCCUPANCY DIAGRAMS**

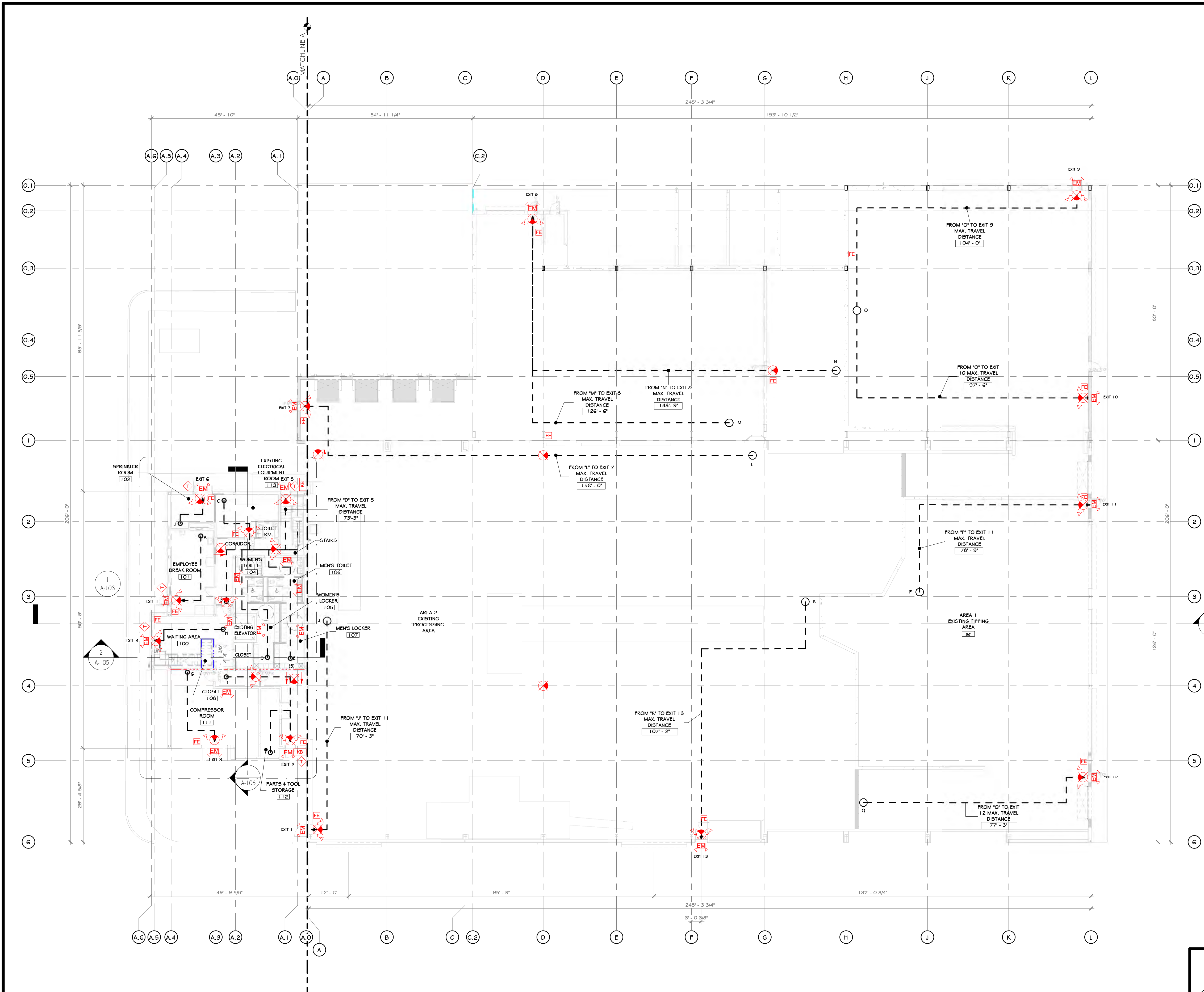
REV	DESCRIPTION	DATE	BY
07-23-21	REVISED FOR RFP ADDENDUM 6	07-23-21	ADG
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07-06-21	PROPRIETARY DATA	07-06-21	ADG
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ph: 631-756-1069  
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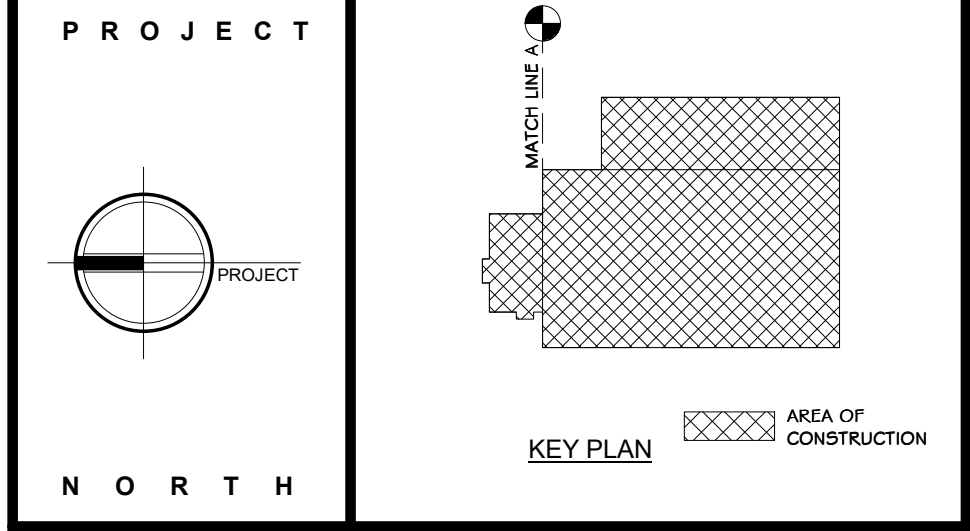
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PATH	MAX. TRAVEL DISTANCE
FROM 1A TO EXIT 1 MAX. TRAVEL DISTANCE	26' - 5"
FROM 1B TO EXIT 5 MAX. TRAVEL DISTANCE	50' - 11"
FROM 1C TO EXIT 5 MAX. TRAVEL DISTANCE	50' - 11"
FROM 1D TO EXIT 5 MAX. TRAVEL DISTANCE	71' - 8"
FROM 1E TO EXIT 5 MAX. TRAVEL DISTANCE	62' - 3"
FROM 1F TO EXIT 2 MAX. TRAVEL DISTANCE	40' - 5"
FROM 1G TO EXIT 3 MAX. TRAVEL DISTANCE	30' - 3"
FROM 1H TO EXIT 4 MAX. TRAVEL DISTANCE	25' - 1"
FROM 1I TO EXIT 2 MAX. TRAVEL DISTANCE	29' - 5"
FROM 1J TO EXIT 4 MAX. TRAVEL DISTANCE	2' - 9"
FROM 1K TO EXIT 6 MAX. TRAVEL DISTANCE	15' - 0"
FROM 1L TO EXIT 11 MAX. TRAVEL DISTANCE	70' - 3"
FROM 1M TO EXIT 13 MAX. TRAVEL DISTANCE	107' - 2"
FROM 1N TO EXIT 8 MAX. TRAVEL DISTANCE	156' - 0"
FROM 1O TO EXIT 8 MAX. TRAVEL DISTANCE	126' - 6"
FROM 1P TO EXIT 8 MAX. TRAVEL DISTANCE	143' - 9"
FROM 1Q TO EXIT 9 MAX. TRAVEL DISTANCE	103' - 10"
FROM 1R TO EXIT 10 MAX. TRAVEL DISTANCE	99' - 4"
FROM 1S TO EXIT 11 MAX. TRAVEL DISTANCE	80' - 9"
FROM 1T TO EXIT 12 MAX. TRAVEL DISTANCE	77' - 3"
FROM 1U TO EXIT 4 MAX. TRAVEL DISTANCE	85' - 3"
FROM 1V TO EXIT 5 MAX. TRAVEL DISTANCE	126' - 9"

- ### CONSTRUCTION NOTES
- NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING
- NOTE: THIS PLAN IS INTENDED TO BE PRINTED AND VIEWED IN COLOR. BLUE AND RED LINES INDICATE VARIOUS FIRE BARRIERS, FIRE WALLS, OR SMOKE BARRIERS. SEE LIFE SAFETY LEGEND.
  - LOCATION OF KNOX BOX SHOWN ON DRAWING IS A RECOMMENDATION ONLY. GENERAL CONTRACTOR TO PURCHASE FROM AHJ AND INSTALL IN A LOCATION DETERMINED BY THE AHJ. CONTACT AHJ TO DETERMINE IF AN ADDITIONAL BOX IS REQUIRED.
  - SEE LIGHTING PLAN ON ELECTRICAL DWGS FOR EMERGENCY LIGHTING.
  - SEE ELECTRICAL FIRE ALARM DRAWINGS FOR SMOKE & HEAT DETECTORS, CARBON MONOXIDE DETECTORS, AND ALL FIRE ALARM DEVICE LOCATIONS.
  - ALL EXIT SIGNS IN FINISHED OFFICE AREAS TO BE RECESSED MOUNT, EDGE LIT, LED - SEE ELECTRICAL DRAWINGS.
  - SPECIAL INSPECTIONS REQUIRED - SEE STRUCTURAL DRAWINGS.
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  - EXIT PATHS MAY CHANGE BASED ON FINAL DETERMINATION OF STORAGE AREAS/SIZES. ADDITIONAL EXIT ACCESS PATHS WILL BE DETERMINED PRIOR TO A C.O. BEING ISSUED. ADDITIONAL PATHS MAY REQUIRE ADDITIONAL LIFE SAFETY COMPONENTS (EXIT SIGNS, EMERGENCY LIGHTING, FIRE ALARM DEVICES, ETC.) OR ADJUSTMENTS TO THE EXISTING PROPOSED LIFE SAFETY COMPONENTS.
  - ALL COLUMNS WITHIN INDUSTRIAL AREA THAT HAVE A FIRE EXTINGUISHER MOUNTED TO THEM ARE TO BE PAINTED WITH THREE HORIZONTAL, 1 1/2" OSHA RED STRIPES AT 22'-0", 24'-0", AND 26'-0" AFF. ALL FOUR SIDES OF COLUMN.

- ### LIFE SAFETY LEGEND
- 2 HOUR FIRE BARRIER
  - 1 HOUR FIRE BARRIER
  - 1 HOUR SMOKE BARRIER
  - PATH OF EGRESS
  - STRIPPING
  - EXIT SIGN
  - DIRECTIONAL EXIT SIGN
  - EMERGENCY LIGHT
  - EXIT SIGN WITH EMERGENCY LIGHTS
  - RECESSED FIRE EXTINGUISHER
  - ADDRESSABLE MANUAL PULL STATION
  - FIRE EXTINGUISHER
  - TRUSS SIGNAGE
  - OCCUPANCY LOAD SIGN
  - KNOX BOX LOCATION IF REQUIRED BY MUNICIPALITY



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MATERIALS RECOVERY FACILITY,  
FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

### OVERALL FIRST FLOOR LIFE SAFETY PLAN

REV	DESCRIPTION	DATE	BY
01	ISSUED FOR RFP	07-06-21	BY: CLD
02	REVISED FOR RFP ADDENDUM 6	07-23-21	BY: CLD

PROJ. No: 499-010 SCALE: AS SHOWN

DRAWN: IDE A DATE: 07/06/21

CHECKED: ADG DATE: 07/06/21

DESIGNED: ADG DATE: 07/06/21

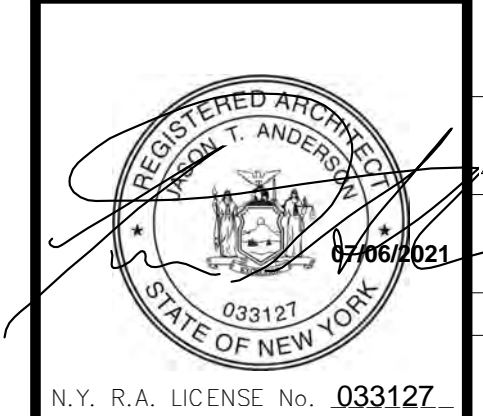
APPROVED: ADG DATE: 07/06/21

APPROVED: ADG DATE: 07/06/21

DWG. NO: A-102

CAD FILE:

SHEET SIZE: D-24x36

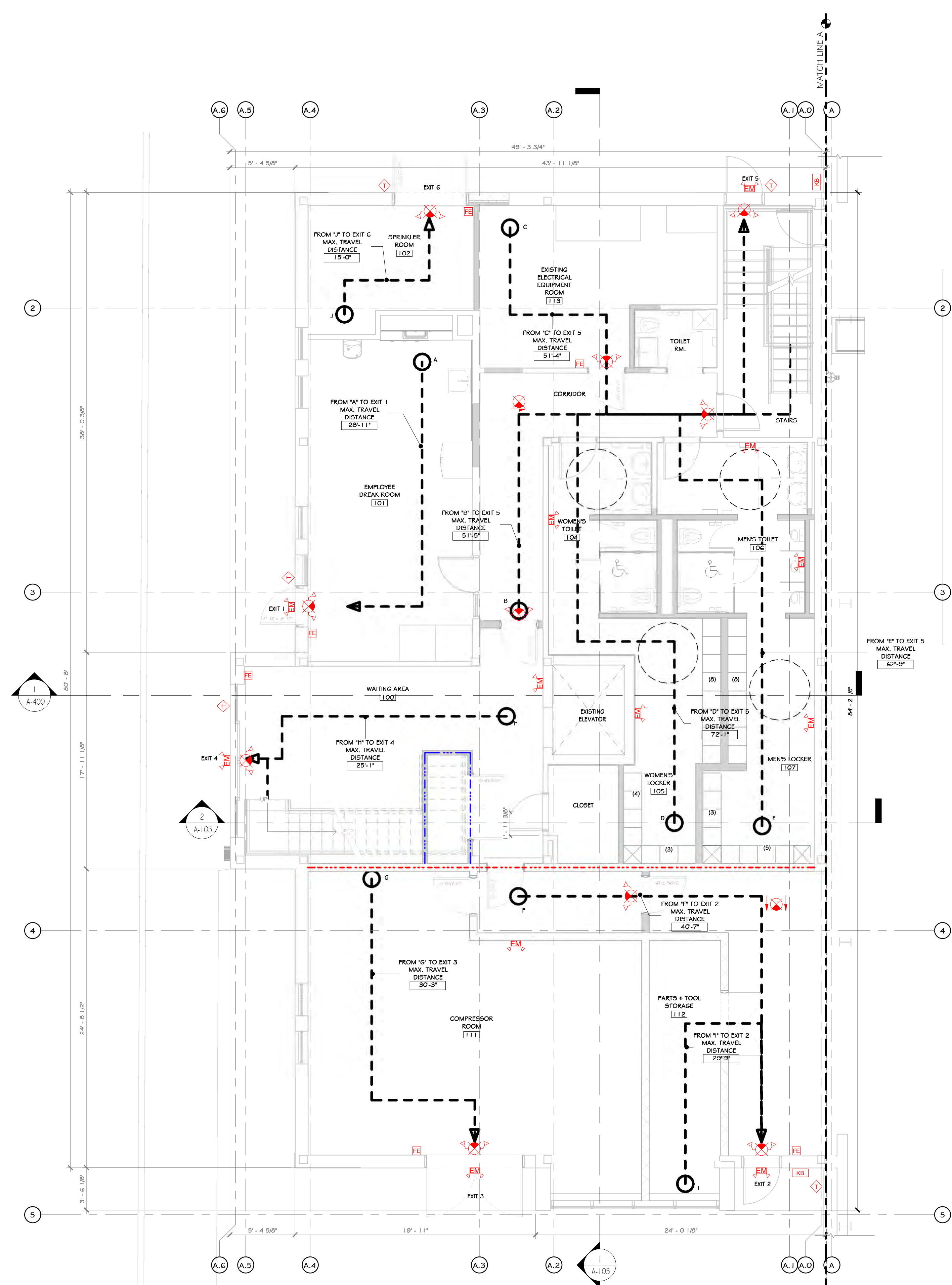


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Melville, N.Y. 11747  
Tel: 631-756-1000  
Fax: 631-756-1064

**I OVERALL FIRST FLOOR LIFE SAFETY PLAN**  
1/16" = 1'-0"

NOT FOR CONSTRUCTION

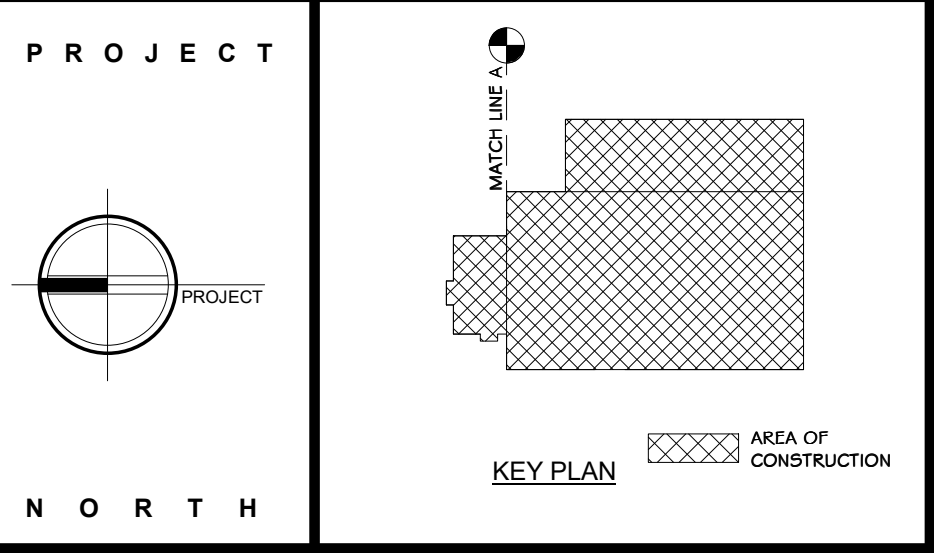


1 FIRST FLOOR LIFE SAFETY PLAN  
3/16" = 1'-0"

PATH	MAX. TRAVEL DISTANCE
FROM "A" TO EXIT 1	26' - 5"
FROM "B" TO EXIT 5	50' - 11"
FROM "C" TO EXIT 5	50' - 11"
FROM "D" TO EXIT 5	71' - 8"
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FROM "H" TO EXIT 4	25' - 1"
FROM "I" TO EXIT 2	29' - 5"
FROM "J" TO EXIT 4	2' - 9"
FROM "J" TO EXIT 6	15' - 0"
FROM "J" TO EXIT 11	70' - 3"
FROM "K" TO EXIT 13	107' - 2"
FROM "L" TO EXIT 7	156' - 0"
FROM "M" TO EXIT 8	126' - 6"
FROM "N" TO EXIT 8	143' - 9"
FROM "O" TO EXIT 9	103' - 10"
FROM "P" TO EXIT 10	99' - 4"
FROM "P" TO EXIT 11	80' - 9"
FROM "Q" TO EXIT 12	77' - 3"
FROM "R" TO EXIT 4	85' - 3"
FROM "S" TO EXIT 5	126' - 9"

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- 2 HOUR FIRE BARRIER
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  - STRIPING
  - EXIT SIGN
  - DIRECTIONAL EXIT SIGN
  - EMERGENCY LIGHT
  - EXIT SIGN WITH EMERGENCY LIGHTS
  - RECESSED FIRE EXTINGUISHER
  - ADDRESSABLE MANUAL PULL STATION
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  - TRUSS SIGNAGE
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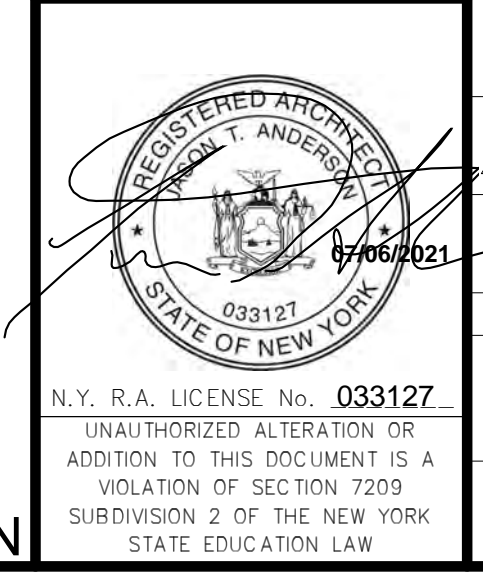
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**Rockland Green**  
ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**ENLARGED FIRST FLOOR OFFICE LIFE SAFETY PLAN**

DRAWN	IDEA	DATE	07/06/21	PROJ. No:	499-010	SCALE:	AS SHOWN
CHECKED	ADG	DATE	07/06/21	DWG. NO.:	A-103		A
DESIGNED	ADG	DATE	07/06/21	CAD FILE:			
APPROVED	ADG	DATE	07/06/21	SHEET SIZE:	D-24x36		REV



REVISED FOR RFP ADDENDUM 6 07-23-21

ISSUED FOR RFP 07-06-21

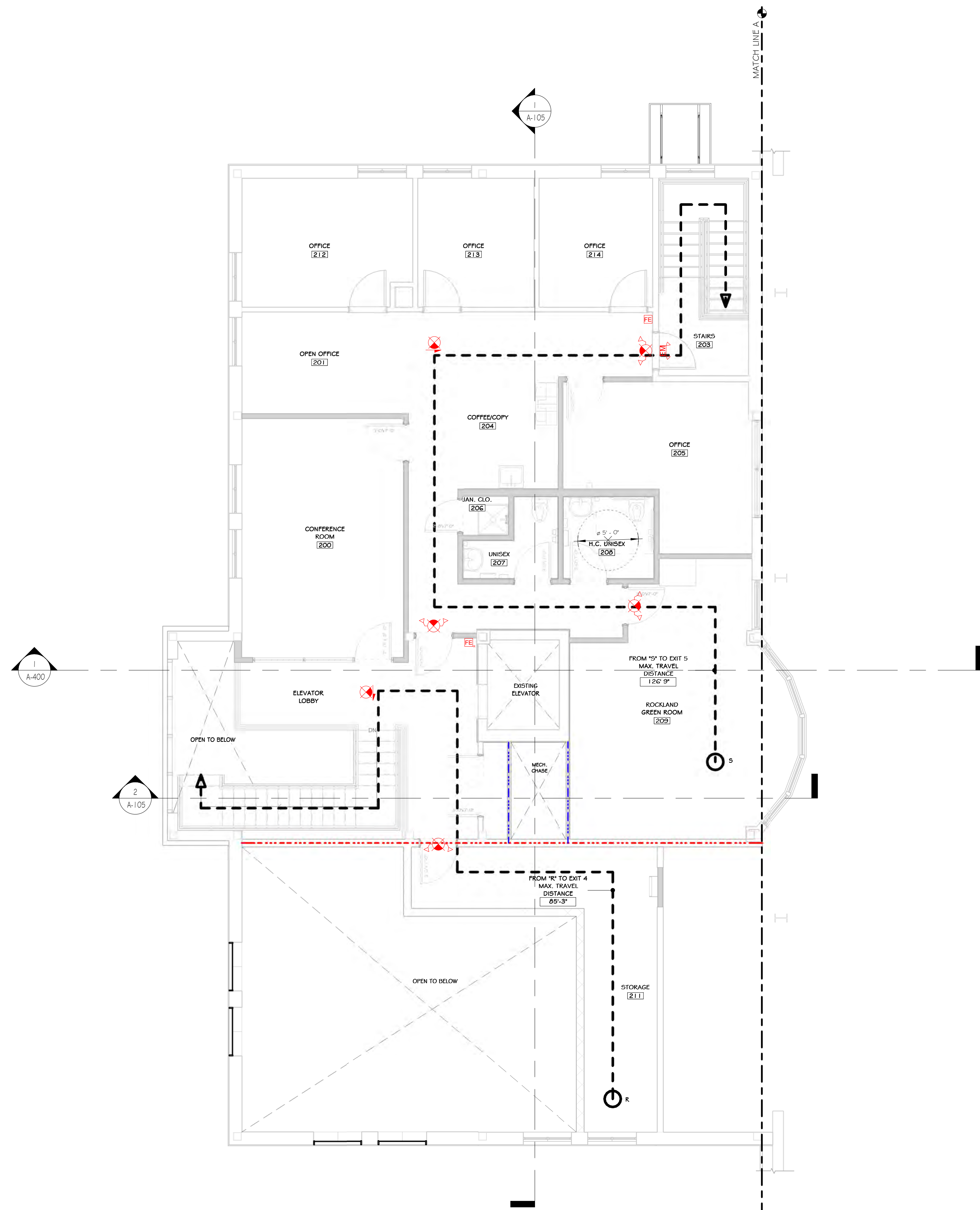
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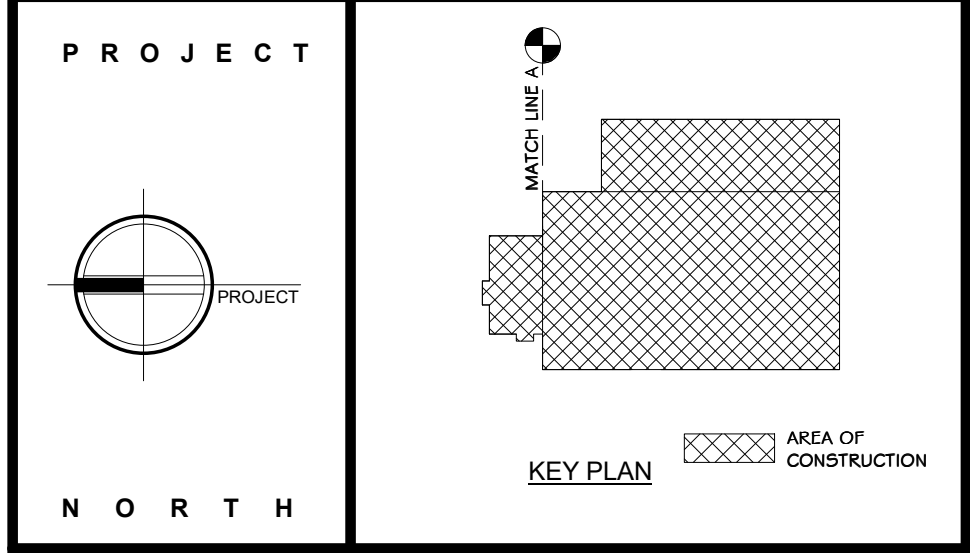
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PATH	MAX. TRAVEL DISTANCE
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FROM 'B' TO EXIT 5	50' - 11"
FROM 'C' TO EXIT 5	50' - 11"
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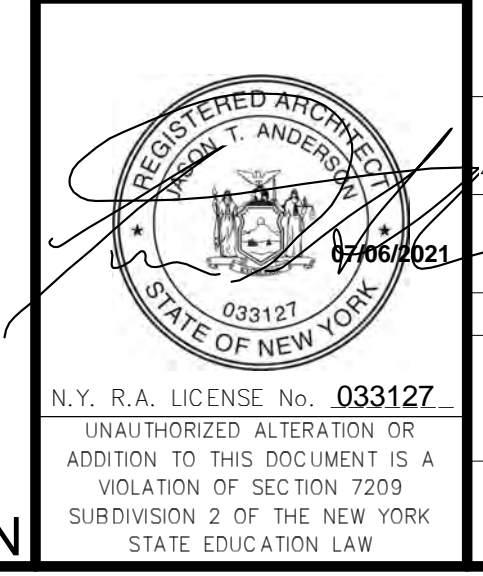
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### ENLARGED SECOND FLOOR LIFE SAFETY PLAN

REV	DESCRIPTION	DATE	BY
6	REVISED FOR RFP ADDENDUM 6	07-23-21	ADG
5	ISSUED FOR RFP	07-06-21	ADG

DRAWN	IDEA	07/06/21	PROJ. No: 499-010	SCALE: AS SHOWN
CHECKED	ADG	07/06/21	DWG. NO: A-104	A
DESIGNED	ADG	07/06/21	CAD FILE:	
APPROVED	ADG	07/06/21	SHEET SIZE: D-24x36	REV

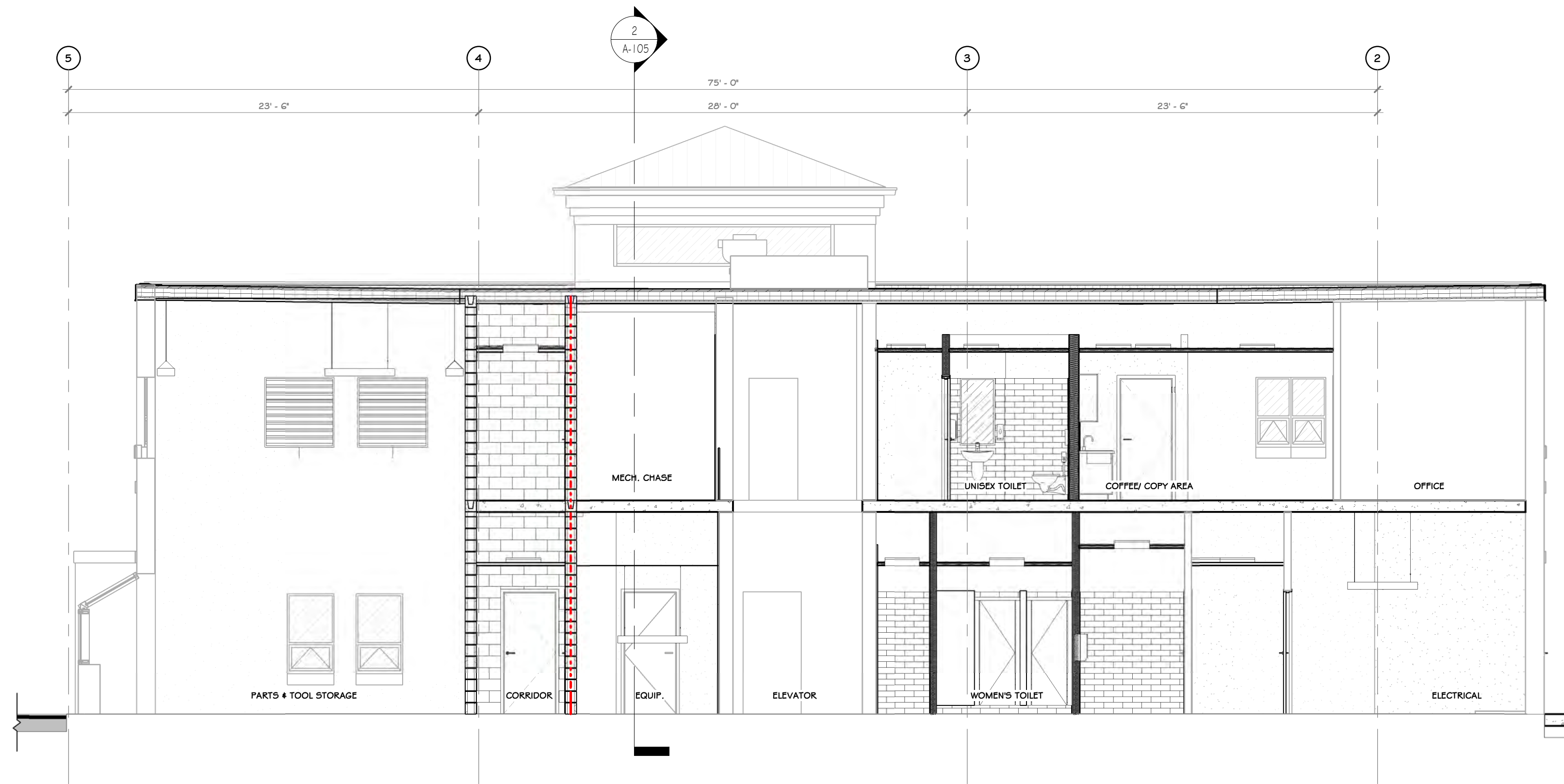


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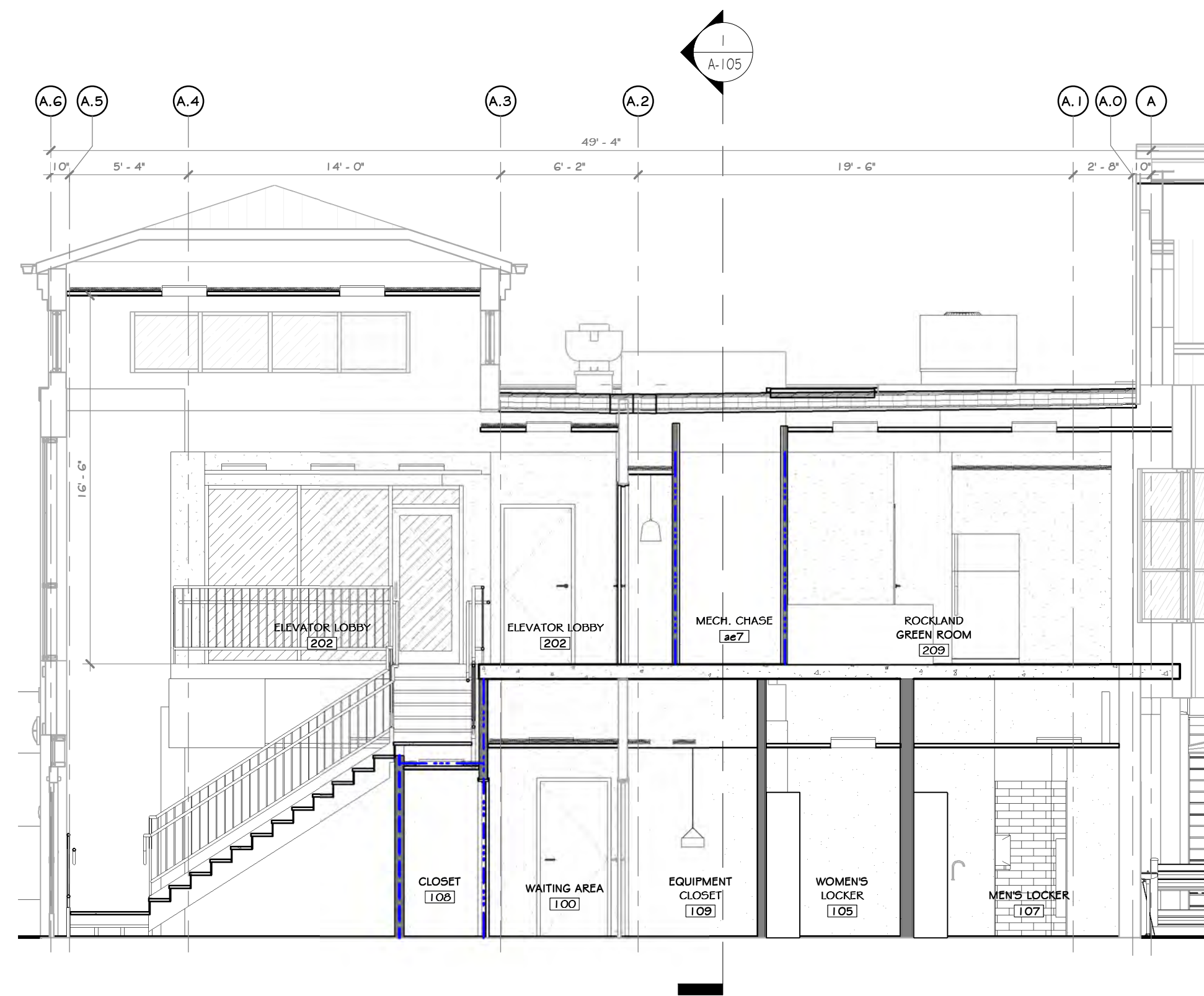
**RRT Engineering, LLC**  
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Melville, N.Y. 11747  
ph: 631-756-1000  
fax: 631-756-1064

**SECOND FLOOR LIFE SAFETY PLAN**  
3/16" = 1'-0"

NOT FOR CONSTRUCTION



1 LIFE SAFETY SECTION THRU CORRIDOR  
3/16" = 1'-0"



2 LIFE SAFETY SECTION  
3/16" = 1'-0"

CONSTRUCTION NOTES

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LIFE SAFETY LEGEND

- 2 HOUR FIRE BARRIER
- 1 HOUR FIRE BARRIER
- 1 HOUR SMOKE BARRIER

PROJECT

NORTH

KEY PLAN

AREA OF CONSTRUCTION

**STERLING**  
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INTERIORS

**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN  
MATERIALS RECOVERY FACILITY,  
FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

LIFE SAFETY SECTION



REV	DESCRIPTION	DATE	BY
B	REVISED FOR RFP ADDENDUM 6	07-23-21	ADG
A	ISSUED FOR RFP	07-06-21	ADG

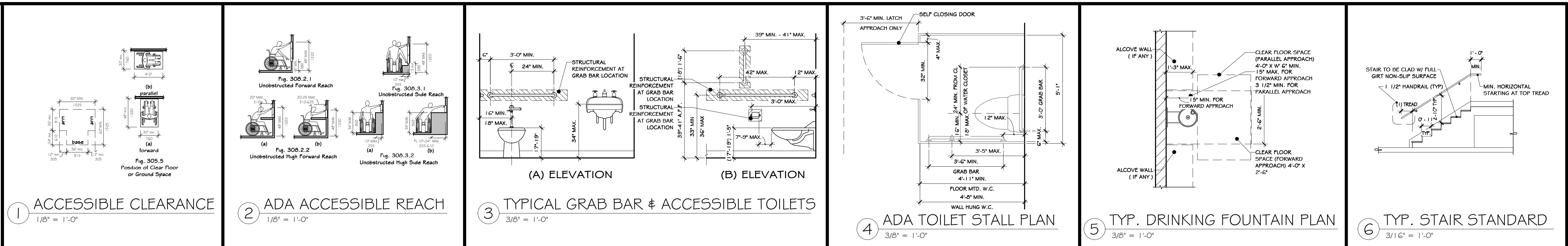
PROPRIETARY DATA  
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**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Melville, N.Y. 11747  
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DRAWN	BY	DATE	PROJ. No:	SCALE:
IDEA	IDEA	07/06/21	499-010	AS SHOWN
CHECKED	ADG	07/06/21	DWG. NO:	A-105
DESIGNED	ADG	07/06/21	CAD FILE:	A
APPROVED	ADG	07/06/21	SHEET SIZE:	D-24x36
APPROVED				REV



TABLE 7832.4 SIGNS - VISUAL CHARACTER HEIGHT		
HEIGHT ABOVE FLOOR TO BASELINE OF CHARACTER	HORIZONTAL VIEWING DISTANCE	MINIMUM CHARACTER HEIGHT
40 INCHES TO LESS THAN OR EQUAL TO 70 INCHES	LESS THAN 6 FEET	5/8 INCH
GREATER THAN 70 INCHES TO LESS THAN 120 INCHES	6 FEET AND GREATER	5/8 INCH, PLUS 1/8 INCH PER FOOT OF VIEWING DISTANCE ABOVE 6 FEET
GREATER THAN 120 INCHES	LESS THAN 15 FEET	2 INCH
	15 FEET AND GREATER	2 INCH, PLUS 1/8 INCH PER FOOT OF VIEWING DISTANCE ABOVE 15 FEET
	LESS THAN 21 FEET	3 INCH
	21 FEET AND GREATER	3 INCH, PLUS 1/8 INCH PER FOOT OF VIEWING DISTANCE ABOVE 21 FEET



**GENERAL NOTES ON ACCESSIBILITY:**

NOTES: IN THE EVENT THAT THE INFORMATION CONTRADICTS THE CURRENT UNIFORM CONSTRUCTION CODE SHALL SUPERSEDE.

NOTE: BARRIER-FREE STANDARDS INDICATED HEREIN ARE TYPICAL. DIMENSIONS SHOWN ARE TYPICAL UNLESS INDICATED OTHERWISE IN THE DRAWINGS.

303 - ACCESSIBILITY IN NY IS GOVERNED BY THE 2020 BUILDING CODE OF NEW YORK STATE AND THE ICC/ANSI A117.2009 STANDARD. THE FOLLOWING NOTES ARE REQUIREMENTS OF THE ICC/ANSI 117.2009 STANDARD AND HAVE BEEN ADOPTED AS PART OF THE BUILDING LAWS OF THE STATE OF NEW YORK.

305.3 - CHANGES IN LEVEL: A CHANGE IN LEVEL OF 1/4" HIGH MAXIMUM SHALL BE PERMITTED TO BE VERTICAL AND WITHOUT EDGE TREATMENT. A CHANGE IN LEVEL OF BETWEEN 1/4" AND 1/2" HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. CHANGES IN LEVEL GREATER THAN 1/2" SHALL BE RAMPED AND SHALL COMPLY WITH ICC/ANSI A117.2009 SECTION 405 OR 406.

307.2 - THE CLEAR FLOOR SPACE REQUIRED FOR A SINGLE WHEELCHAIR SHALL BE 30 INCHES MINIMUM BY 48 INCHES MINIMUM.

307.4 - PROTRUDING OBJECTS: OBJECTS WITH LEADING EDGES LOCATED MORE THAN 27 INCHES AND NOT MORE THAN 80 INCHES ABOVE THE FLOOR SHALL PROTRUDE NOT MORE THAN 4 INCHES FROM THE WALL.

403.5 - RAILS OR OTHER BARRIERS SHALL BE PROVIDED WHERE CLEARANCE IS LESS THAN 40 INCHES HIGH. LEADING EDGE OF SUCH GUARDRAIL OR BARRIER SHALL BE 27 INCHES MAXIMUM ABOVE THE FLOOR OR GROUND.

404.2.7.1 - THE CLEAR WIDTH OF AN ACCESSIBLE ROUTE SHALL BE 36 INCHES MINIMUM. THE CLEAR WIDTH SHALL BE PERMITTED TO BE REDUCED TO 32 INCHES MINIMUM FOR A LENGTH OF 24 INCHES MAXIMUM PROVIDED THE REDUCED WIDTH SEGMENTS ARE SEPARATED BY SEGMENTS THAT ARE 48 INCHES MINIMUM IN LENGTH AND 36 INCHES MINIMUM WIDE.

404.2.7.2 - DOOR CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES THE TIME REQUIRED TO MOVE THE DOOR TO AN OPEN POSITION OF 12 DEGREES SHALL BE 5 SECONDS MINIMUM.

404.2.6 - DOOR SPRINGS HINGES SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70 DEGREES THE DOOR SHALL MOVE TO THE CLOSED POSITION IN 1.5 SECONDS MINIMUM.

404.2.9 - DOOR OPENING FORCE WHERE CLOSERS ARE USED OTHER THAN FIRE DOORS SHALL BE 5 POUNDS MAXIMUM.

405 - THE BOTTOM 10 INCHES OF ALL DOORS EXCEPT AUTOMATIC DOORS SHALL HAVE A SMOOTH UNTEXTURED SURFACE ON THE PUSH SIDE OF THE DOOR TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION.

502.503 - RAMPS SHALL HAVE A SLOPE NOT STEEPER THAN 1:12. THE MAXIMUM RISE FOR ANY RAMP WITHOUT A LANDING IS 30 INCHES. THE RAMP SHALL HAVE A CLEAR WIDTH OF 36 INCHES. LANDING LENGTH SHALL BE A MINIMUM OF 60 INCHES. RAMPS THAT CHANGE DIRECTION AT LANDINGS SHALL HAVE A 60 INCH MINIMUM X 60 INCH MINIMUM LANDING. RAMPS WITH A RISE GREATER THAN 6 INCHES SHALL HAVE HANDRAILS COMPLYING WITH ICC/ANSI A117.2009 SECTION 505 (EXCEPTIONS: SECTION 405.9).

504.2.3 - ACCESSIBLE PARKING SPACES SHALL BE 96 INCHES MINIMUM AND HAVE AN ADJACENT ACCESS AISLE OF NOT LESS THAN 60 INCHES MINIMUM AND SHALL EXTEND THE FULL LENGTH OF THE SPACE THEY SERVE. PASSENGER LOADING ZONES SHALL PROVIDE AN ADJACENT ACCESS AISLE OF 60 INCHES WIDE AND 20 FEET LONG MINIMUM ADJACENT TO THE VEHICLE PULL-UP SPACE AND AT THE SAME LEVEL AS THE ROADWAY VAN PARKING SPACE SHALL PROVIDE AN ADJACENT ACCESS AISLE OF 96 INCHES MINIMUM WIDTH.

504.4.5 - STAIR TREADS AND RISERS SHALL BE AS FOLLOWS: STAIR TREADS SHALL BE MINIMUM OF 11 INCHES DEEP, STAIR RISERS SHALL BE 4 INCHES MIN. AND MAXIMUM OF 7 INCHES HIGH. OPEN RISERS ARE NOT PERMITTED.

603.2.3 - HANDRAILS: THE TOP OF GRIPPING SURFACE OF HANDRAILS SHALL BE 34 INCHES MINIMUM AND 38 INCHES MAXIMUM VERTICALLY ABOVE THE STAIR NOSING OR RAMP SURFACE CLEAR SPACE BETWEEN HANDRAILS AND WALL SURFACE SHALL BE 1-1/2 INCHES MINIMUM.

603.3 - DOORS MAY SWING INTO A TOILET ROOM IF THE ROOM IS FOR INDIVIDUAL USE ONLY AND A CLEAR FLOOR SPACE OF 30 INCHES BY 48 INCHES IS PROVIDED WITHIN THE ROOM BEYOND THE ARC OF THE DOOR.

603.4 - BOTTOM MIRRORS LOCATED ABOVE LAVATORIES SHALL BE LOCATED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 40 INCHES MAXIMUM ABOVE THE FLOOR.

604.4 - WATER CLOSETS: THE TOP OF THE WATER CLOSET SHALL BE 17" MINIMUM, 19" MAXIMUM ABOVE THE FLOOR.

606.5 - THE FRONT OF BATHROOM LAVATORIES AND SINKS SHALL BE MOUNTED WITH THE RIM 34 INCHES MAXIMUM ABOVE THE FLOOR.

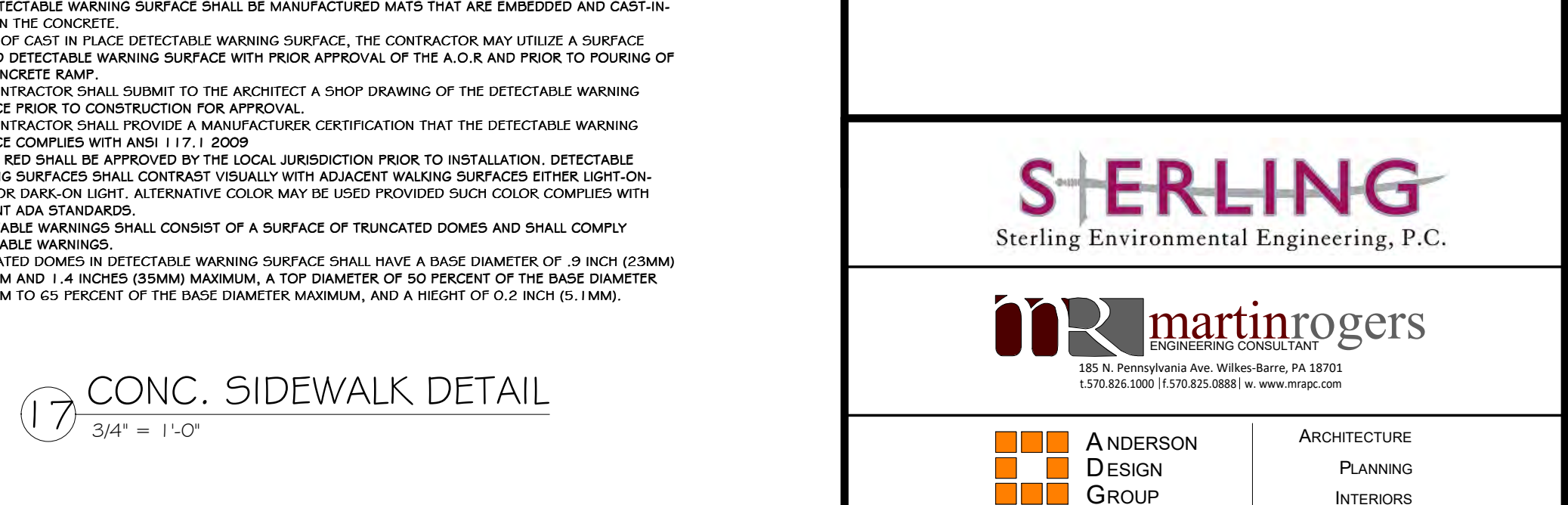
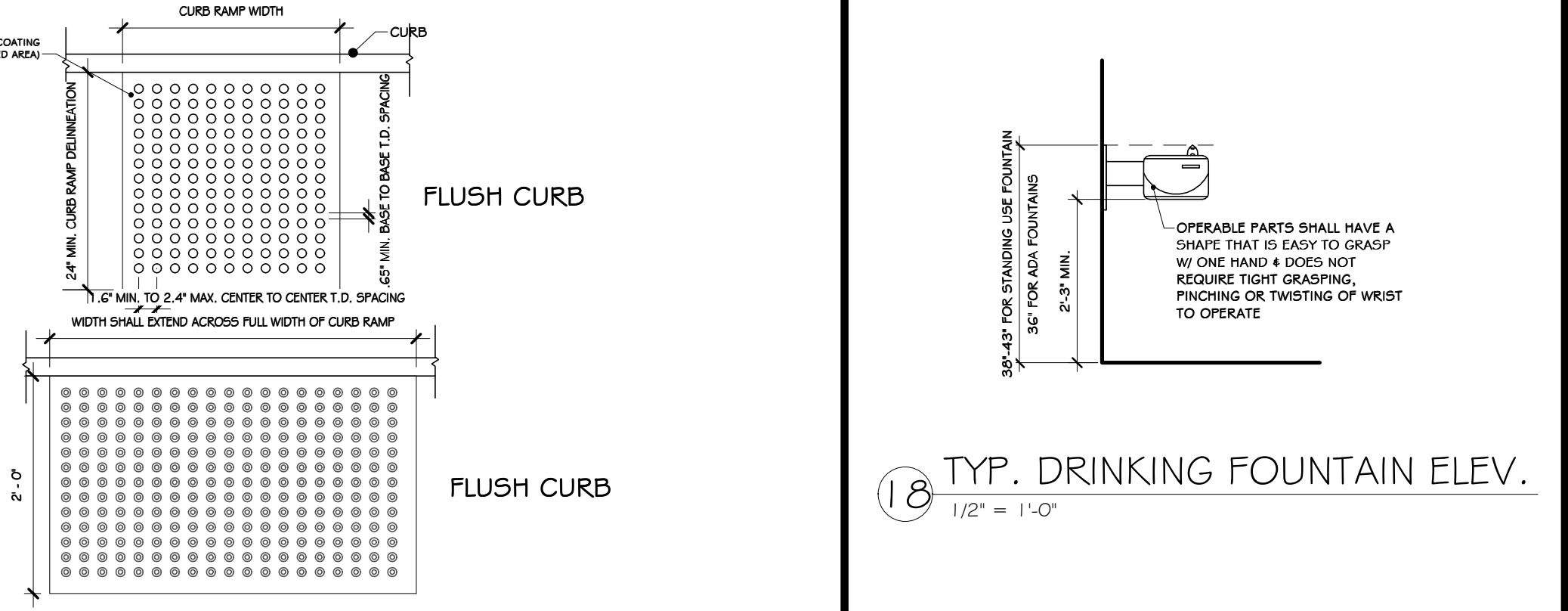
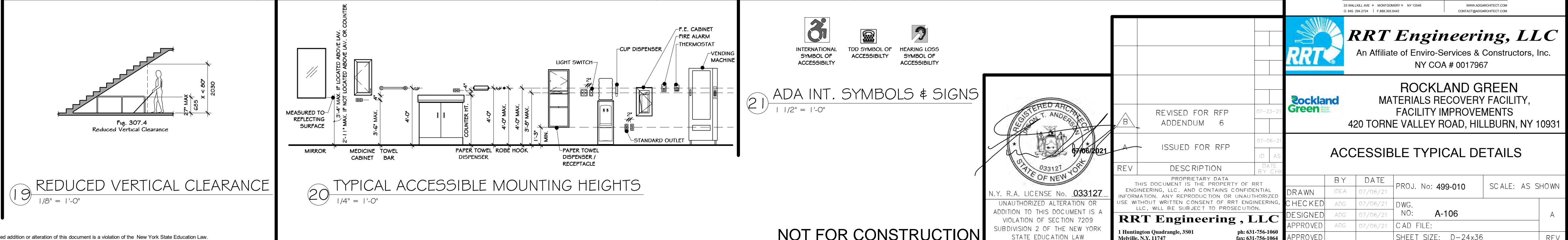
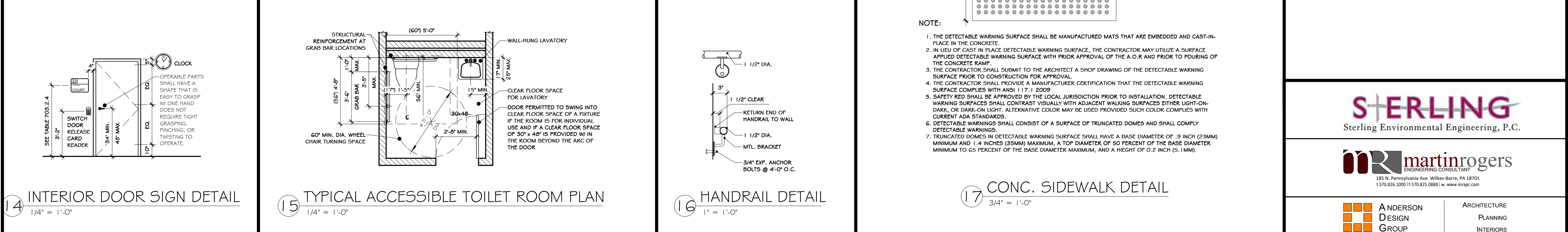
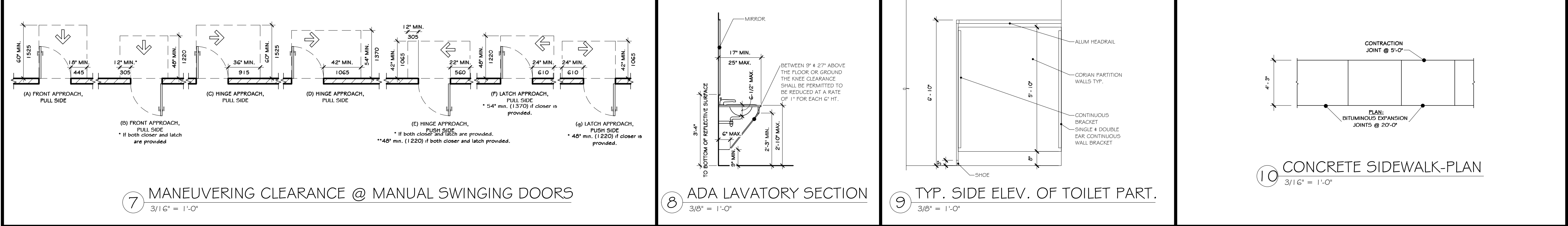
606.6 - WATER SUPPLY AND DRAIN PIPES UNDER LAVATORIES AND SINKS WHICH ARE EXPOSED SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES.

609.2.3 - GRAB BARS SHALL HAVE A DIAMETER OR WIDTH OF GRIPPING SURFACES FROM 1-1/4 INCHES MINIMUM TO 2 INCHES MAXIMUM. THE CLEAR SPACE BETWEEN THE GRAB BAR SURFACE AND THE WALL SURFACE SHALL BE 1-1/2 INCHES MINIMUM.

609.9 - STRUCTURAL STRENGTH: ALLOWABLE STRESSES IN BENDING, SHEAR AND TENSION SHALL NOT BE EXCEEDED FOR MATERIALS USED WHEN A VERTICAL OR HORIZONTAL FORCE OR 250 POUNDS IS APPLIED TO ANY POINT ON THE GRAB BAR, SEAT FASTENER MOUNTING DEVICE OR SUPPORTING STRUCTURE.

703.3.1 - TACTILE CHARACTERS SHALL COMPLY WITH ANSI A117.2009 SECTION 703.3 AND SHALL BE DUPLICATED IN BRAILLE COMPLYING WITH SECTION 703.4. BRAILLE MOUNTING HEIGHT SHALL BE 48 INCHES MINIMUM AND 60 INCHES MAXIMUM A.F.F. MEASURED TO BASELINE OF BRAILLE CELLS.

703.3.4 - CHARACTERS SHALL BE UPPER CASE, SAN SERIF. THEY SHALL NOT BE ITALIC, OBLIQUE, SCRIPT, HIGHLY DECORATIVE OR OF OTHER UNUSUAL FORMS. FOR OTHER SIGNAGE REQUIREMENTS REFER TO ICC/ANSI A117.2009 SECTION 703.



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ANDERSON ARCHITECTURE  
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**ACCESSIBLE TYPICAL DETAILS**

DRAWN	BY	DATE	PROJ. No:	SCALE:
IDEA	ADG	07/06/21	499-010	AS SHOWN
CHECKED	ADG	07/06/21	DWG. NO:	A
DESIGNED	ADG	07/06/21	FILE:	A-106
APPROVED	ADG	07/06/21	CAD FILE:	
APPROVED	ADG	07/06/21	SHEET SIZE:	D-24x36

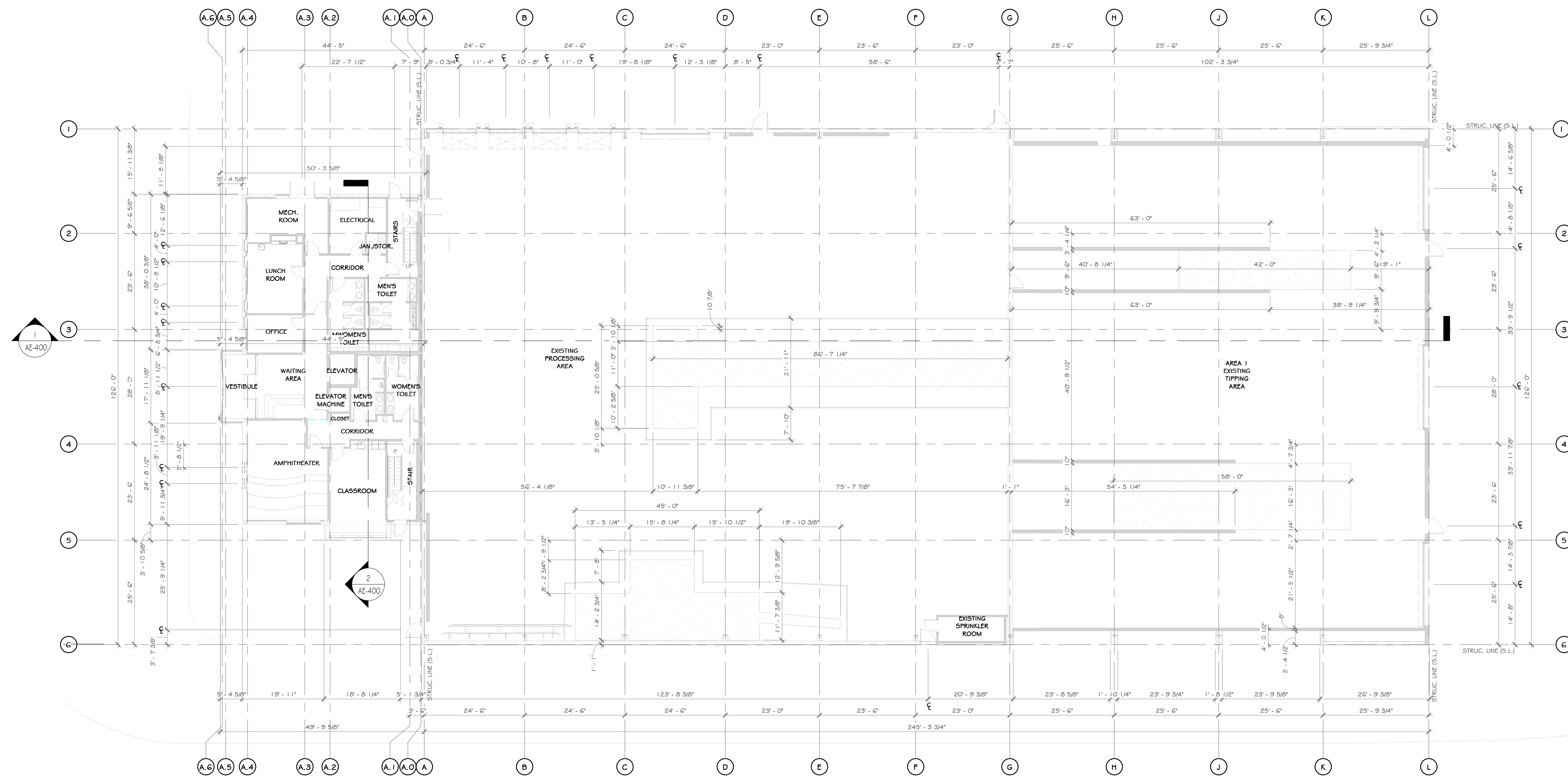
REVISIONS:  
REV. 1: ISSUED FOR RFP  
REV. 2: REVISED FOR RFP ADDENDUM 6

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1 EXISTING OVERALL FIRST FLOOR PLAN  
1/16" = 1'-0"

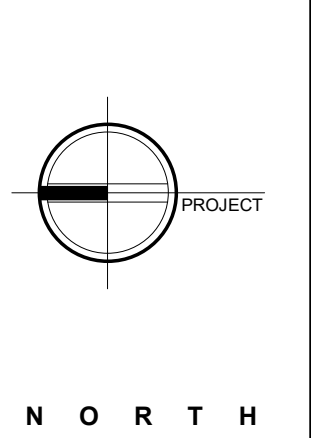
**CONSTRUCTION NOTES**

- NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING
- U.O.N. ALL EXISTING INTERIOR WALLS ARE METAL STUDS WITH GYPSUM BOARD GIRTS WITH METAL PANELS
  - WITH THE EXCLUSION OF THE OFFICE, U.O.N. ALL EXISTING EXTERIOR WALLS ARE PEMB STRUCTURAL GIRTS WITH METAL PANELS
  - EXISTING OFFICE STRUCTURE TO REMAIN UNCHANGED
  - EXISTING STEEL COLUMNS AND ROOF GIRTS TO REMAIN UNCHANGED
  - EXISTING UTILITIES ARE TO BE REMOVED. SEE MEP AND CIVIL DRAWINGS
  - EXISTING WINDOWS, DOORS TO REMAIN, U.O.N.
  - EXISTING EXPRESS DOORS TO REMAIN, U.O.N.
  - EXISTING MECHANICAL ROOM TO REMAIN
  - EXISTING ELECTRICAL PANELS TO REMAIN
  - EXISTING METAL PANELS TO REMAIN, U.O.N.
  - EXISTING CONCRETE FOUNDATION WALLS TO REMAIN
  - EXISTING ROOF OVERHANG, SOFFIT, AND FACIA TO BE REMOVED WHERE REQUIRED FOR NEW ADDITION
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  - SEE CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, OR FIRE PROTECTION DRAWINGS FOR ADDITIONAL EXISTING INFORMATION RELATED TO THOSE RESPECTIVE DISCIPLINES

**WALL LEGEND**



**PROJECT**



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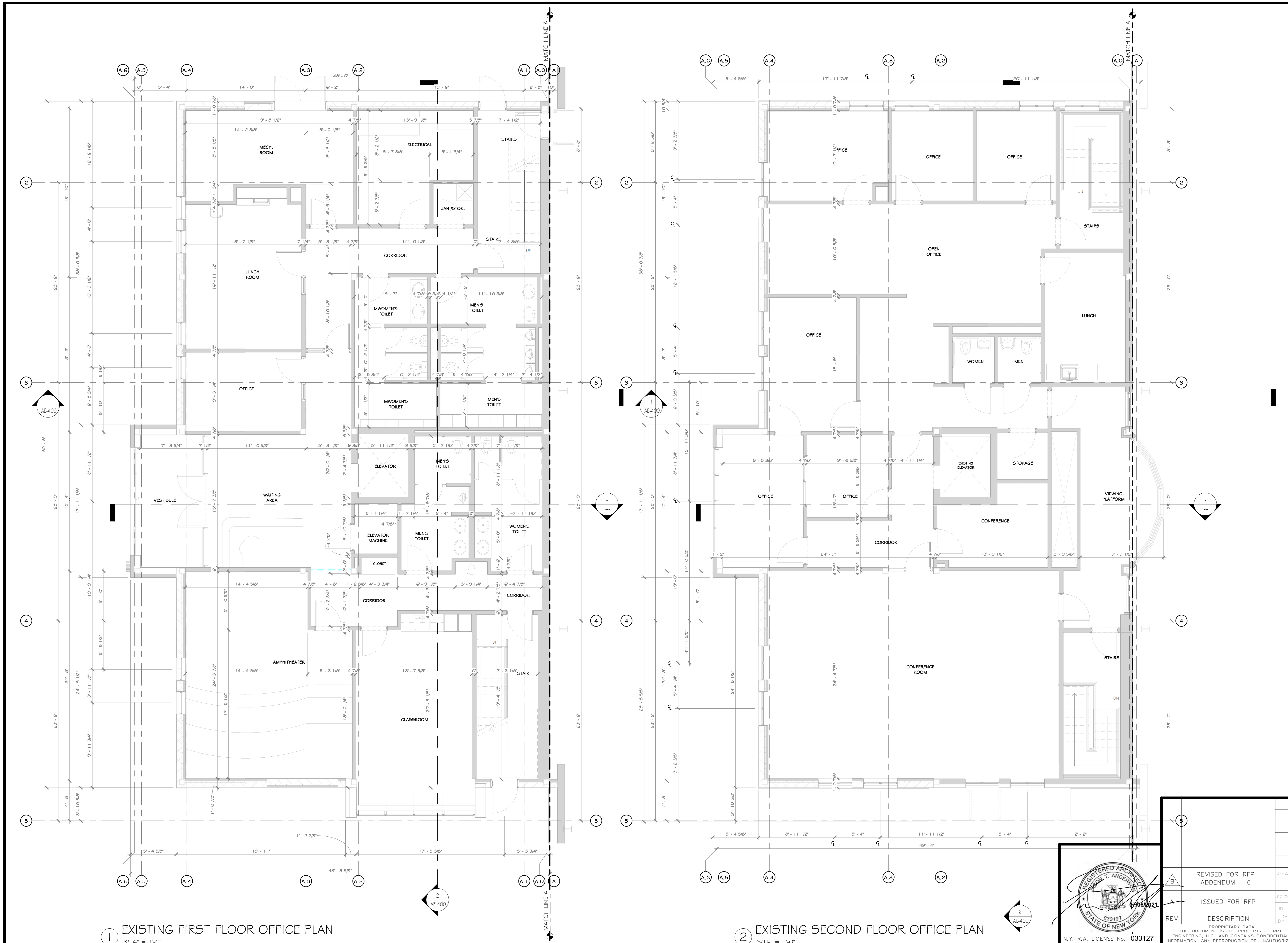
**EXISTING OVERALL FIRST FLOOR PLAN**

BY	DATE	PROJ. No:	SCALE:
IDEA	05/21/21	499-010	AS SHOWN
DWG.		AE-200	
CAD FILE:			
SHEET SIZE:	D-24x36		



REV	DESCRIPTION	DATE	BY
B	REVISED FOR RFP ADDENDUM 6	07-23-21	ADG
A	ISSUED FOR RFP	07-06-21	ADG
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	1 Huntington Quadrangle, 3501		
	Northville, N.Y. 11747		
	ph: 631-756-1000		
	fax: 631-756-1064		

NOT FOR CONSTRUCTION



- ### CONSTRUCTION NOTES
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  - EXISTING OFFICE STRUCTURE TO REMAIN UNCHANGED
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  - EXISTING UTILITIES ARE TO BE REMOVED; SEE MEP AND CIVIL DRAWINGS
  - EXISTING WINDOWS, DOORS TO REMAIN, U.O.N.
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  - EXISTING MECHANICAL ROOM TO REMAIN
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### WALL LEGEND

EXISTING WALL

---

### PROJECT

EXISTING BUILDING

PROJECT

AREA OF CONSTRUCTION

NORTH

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**martin rogers**  
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### ENLARGED EXISTING OFFICE FLOOR PLANS

REV	DESCRIPTION	DATE	BY	CHK	APP
1	ISSUED FOR RFP	07/06/21	ADG	ADG	ADG
2	REVISED FOR RFP ADDENDUM 6	07/25/21	ADG	ADG	ADG

PROJ. No: 499-010 SCALE: AS SHOWN

DRAWN: IDLA 05/21/21

CHECKED: ADG 07/06/21

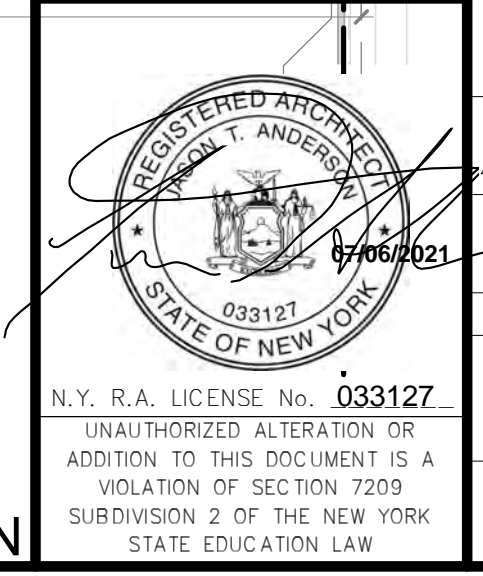
DESIGNED: ADG 07/06/21

APPROVED: ADG 07/06/21

NO: AE-201

CAD FILE:

SHEET SIZE: D-24x36



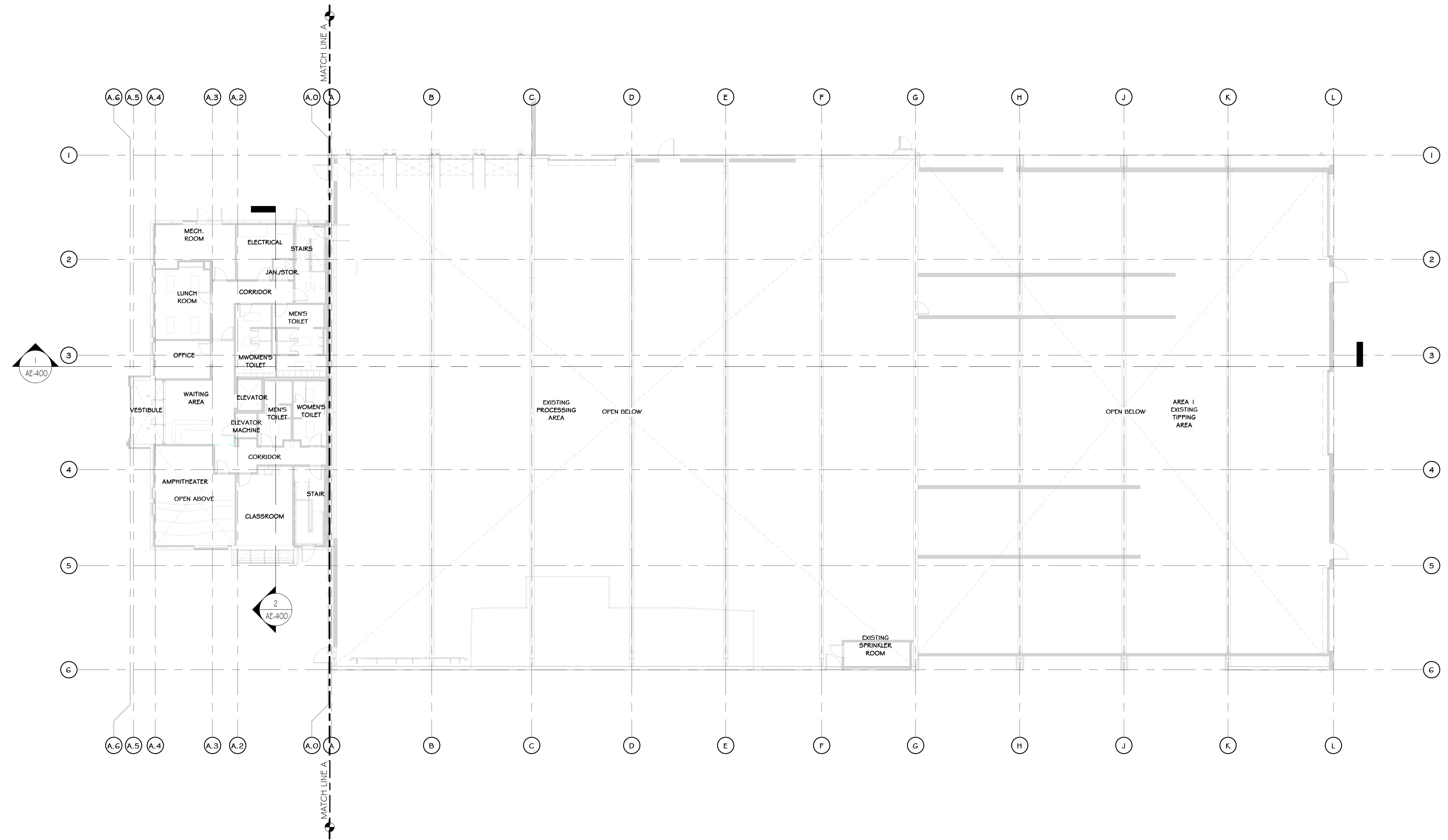
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1 EXISTING FIRST FLOOR OFFICE PLAN  
3/16" = 1'-0"

2 EXISTING SECOND FLOOR OFFICE PLAN  
3/16" = 1'-0"

NOT FOR CONSTRUCTION



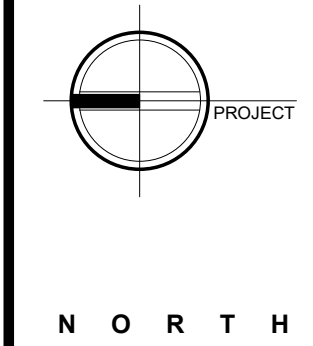
1 EXISTING FIRST FLOOR REFLECTED CEILING PLAN  
1/16" = 1'-0"

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2. WITH THE EXCLUSION OF THE OFFICE, U.O.N. ALL EXISTING EXTERIOR WALLS ARE FEMA STRUCTURAL GIRTS WITH METAL PANELS
3. EXISTING OFFICE STRUCTURE TO REMAIN UNCHANGED.
4. EXISTING STEEL COLUMNS AND ROOF GIRTS TO REMAIN UNCHANGED
5. EXISTING UTILITIES ARE TO BE REMOVED. SEE MEP AND CIVIL DRAWINGS
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9. EXISTING ELECTRICAL PANELS TO REMAIN
10. EXISTING METAL PANEL SIDING TO REMAIN, U.O.N.
11. EXISTING CONCRETE FOUNDATION WALLS TO REMAIN
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14. SEE CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, OR FIRE PROTECTION DRAWINGS FOR ADDITIONAL EXISTING INFORMATION RELATED TO THOSE RESPECTIVE DISCIPLINES

**CEILING FINISH SCHEDULE**

MARK	NAME	SYMBOL	COLOR & MATERIAL SPECS	SPECS.	MANUF.	NOTES	AREA
C-1	09.5105.011 24"x24" REGULAR CEILING TILE		24"x24" REGULAR TILE	ACOUSTICAL PANELS ULTIMA LAY IN #1902	ARMSTRONG		6596 SF
C-2	GYPSUM WALL BOARD		HARMONY INTERIOR PAINT SW7005, "PURE WHITE"	PAINTED	SHERWIN WILLIAMS		62 SF
C-3	EXPOSED CEILING		HARMONY INTERIOR PAINT SW7005, "PURE WHITE"	PAINTED ROOF STRUCTURE	SHERWIN WILLIAMS		96360 SF
C-4	09.5105.011 24"x24" REGULAR CEILING TILE		24"x24" REGULAR TILE	ACQUA HEALTH ZONE FB	ARMSTRONG		1089 SF



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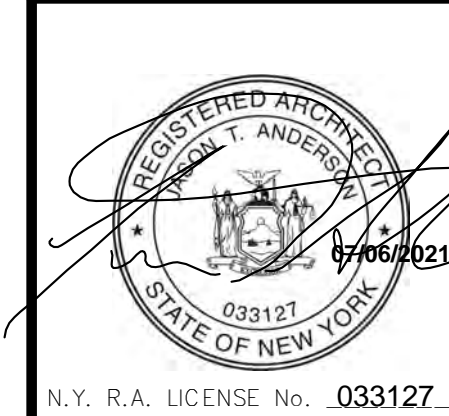
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**EXISTING FIRST FLOOR RCP**

BY	DATE	PROJ. No: 499-010	SCALE: AS SHOWN
DRAWN	IDEA 07/09/21		
CHECKED	ADG 07/09/21	DWG. NO: AE-202	A
DESIGNED	ADG 07/09/21	CAD FILE:	
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fax: 631-756-1064

NOT FOR CONSTRUCTION



1 EXISTING FIRST FLOOR OFFICE REFLECTED CEILING PLAN  
3/16" = 1'-0"

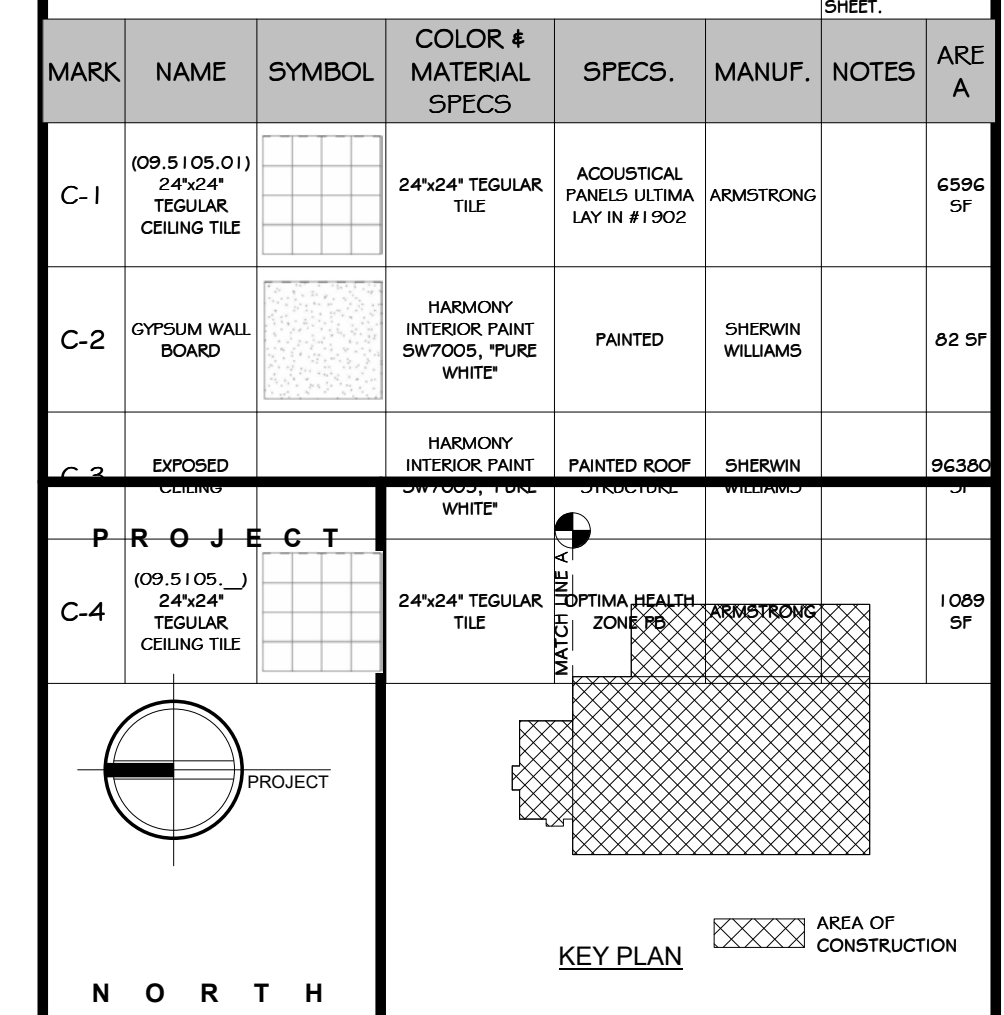
2 EXISTING SECOND FLOOR OFFICE REFLECTED CEILING PLAN  
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- ### CONSTRUCTION NOTES
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  - EXISTING EPDM ROOF TO BE REPLACED
  - EXISTING ROOF OVERHANG, SCOFF, AND FACIA TO BE REMOVED WHERE REQUIRED FOR NEW ADDITION
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### CEILING FINISH SCHEDULE

NOTE: ELECTRICAL DRAWINGS SHALL SUPERSEDE THIS SCHEDULE AND INFORMATION FOUND ON LIGHTING ON THIS SHEET.

MARK	NAME	SYMBOL	COLOR & MATERIAL SPECS	SPECS.	MANUF.	NOTES	AREA
C-1	(09.51.05.01) 24"x24" REGULAR CEILING TILE		24"x24" REGULAR TILE	ACOUSTICAL PANELS ULTIMA LAY IN #1902	ARMSTRONG		6596 SF
C-2	GYPSUM WALL BOARD		HARMONY INTERIOR PAINT SWATCH: PURE WHITE	PAINTED	SHERWIN WILLIAMS		62 SF
C-3	EXPOSED		HARMONY INTERIOR PAINT SWATCH: PURE WHITE	PAINTED ROOF	SHERWIN WILLIAMS		96300 SF
C-4	(09.51.05.01) 24"x24" REGULAR CEILING TILE		24"x24" REGULAR TILE	ACOUSTICAL PANELS ULTIMA LAY IN #1902	ARMSTRONG		1099 SF



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**martinrogers**  
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185 N. Pennsylvania Ave., Wilkes-Barre, PA 18703  
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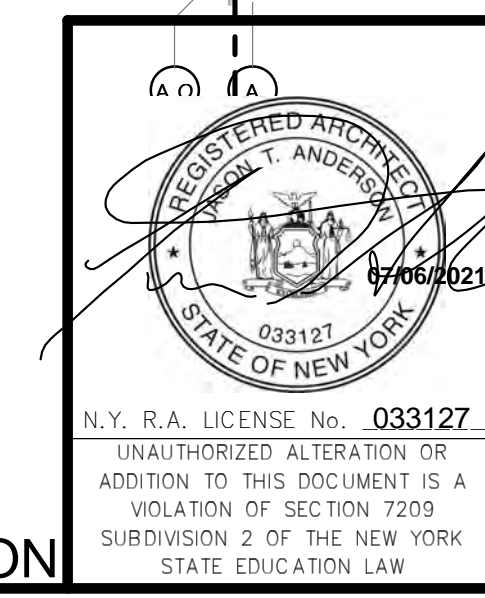
**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING  
INTERIORS

**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

### EXISTING ENLARGED OFFICE REFLECTED CEILING PLAN

BY	DATE	PROJ. No:	SCALE:
DRAWN	IDEA 07/09/21	499-010	AS SHOWN
CHECKED	ANG 07/09/21	DWG. NO:	AE-203
DESIGNED	ANG 07/09/21	CAD FILE:	
APPROVED	ANG 07/09/21	SHEET SIZE:	D-24x36
APPROVED			REV



REV	DESCRIPTION	DATE	BY	CHKD
1	REVISED FOR RFP ADDENDUM 6	07-21-21		
2	ISSUED FOR RFP	07-06-21		

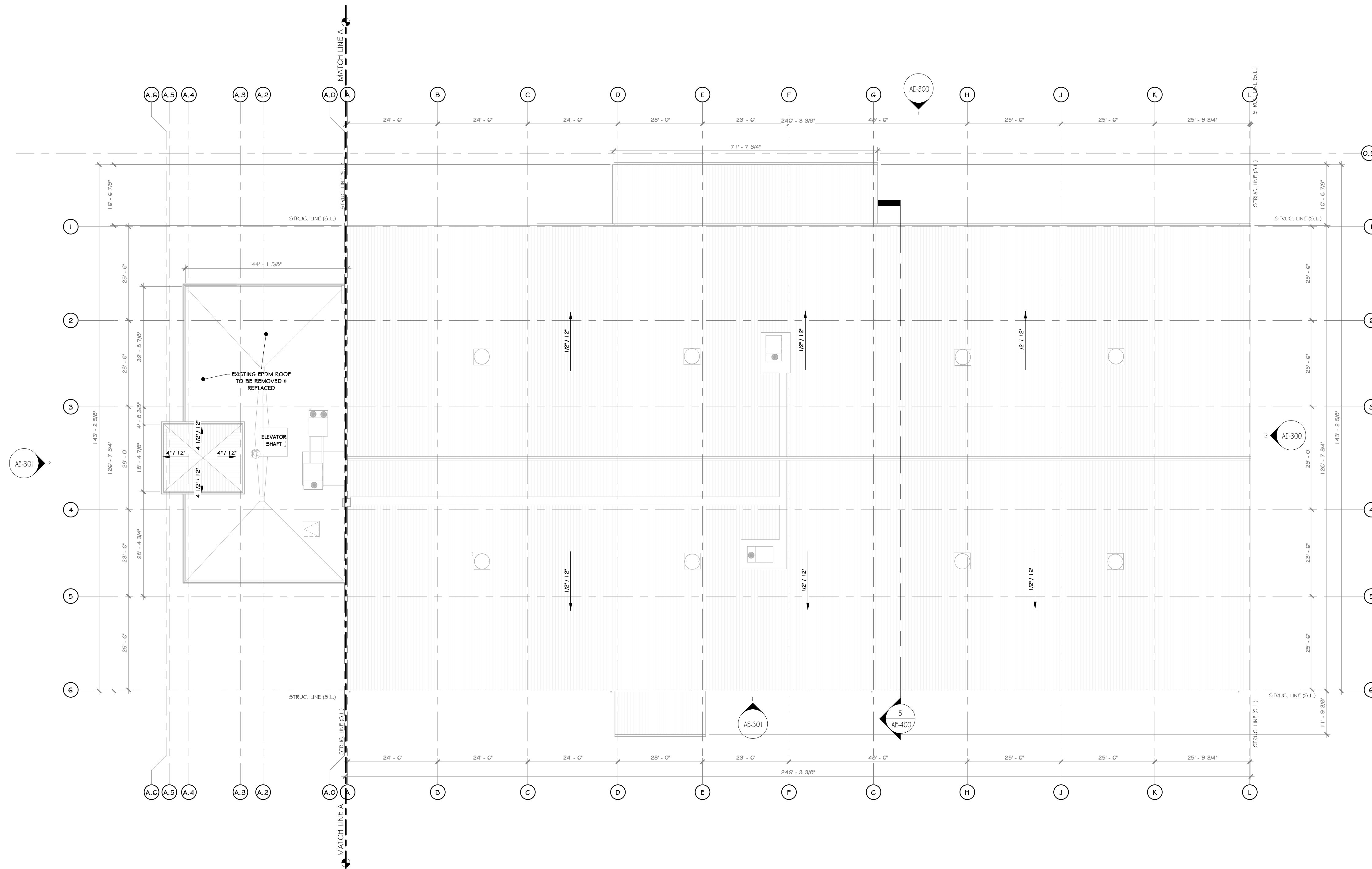
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**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Mineola, NY 11547  
ph: 631-756-1060  
fax: 631-756-1064

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**CONSTRUCTION NOTES**

- NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING
1. U.O.N. ALL EXISTING INTERIOR WALLS ARE METAL STUDS WITH GYPSUM BOARD WITH THE EXCLUSION OF THE OFFICE, U.O.N. ALL EXISTING EXTERIOR WALLS ARE PEMB STRUCTURAL GIRTS WITH METAL PANELS
  2. EXISTING OFFICE STRUCTURE TO REMAIN UNCHANGED
  3. EXISTING STEEL COLUMNS AND ROOF GIRTS TO REMAIN UNCHANGED
  4. EXISTING UTILITIES ARE TO BE REMOVED, SEE MEP AND CIVIL DRAWINGS
  5. EXISTING WINDOWS, DOORS TO REMAIN, U.O.N.
  6. EXISTING MECHANICAL ROOM TO REMAIN
  7. EXISTING ELECTRICAL PANELS TO REMAIN
  8. EXISTING CONCRETE FOUNDATION WALLS TO REMAIN
  9. EXISTING EPDM ROOF TO BE REPLACED
  10. EXISTING ROOF OVERHANGS, SOFFIT, AND FACIA TO BE REMOVED WHERE REQUIRED FOR NEW ADDITION
  11. EXISTING ROOF LEADERS ARE TO REMAIN, UNLESS OTHERWISE MODIFIED BY NEW ADDITION
  12. SEE CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, OR FIRE PROTECTION DRAWINGS FOR ADDITIONAL EXISTING INFORMATION RELATED TO THOSE RESPECTIVE DISCIPLINES



1 EXISTING ROOF PLAN  
1/16" = 1'-0"

**PROJECT**

**NORTH**

**STERLING**  
Sterling Environmental Engineering, P.C.

**martin rogers**  
ENGINEERING CONSULTANT  
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NY COA # 0017967

**Rockland Green**

**ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS**  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

REV	DESCRIPTION	DATE	BY
B	REVISED FOR RFP ADDENDUM 6	07-23-21	ADG
A	ISSUED FOR RFP	07-06-21	ADG

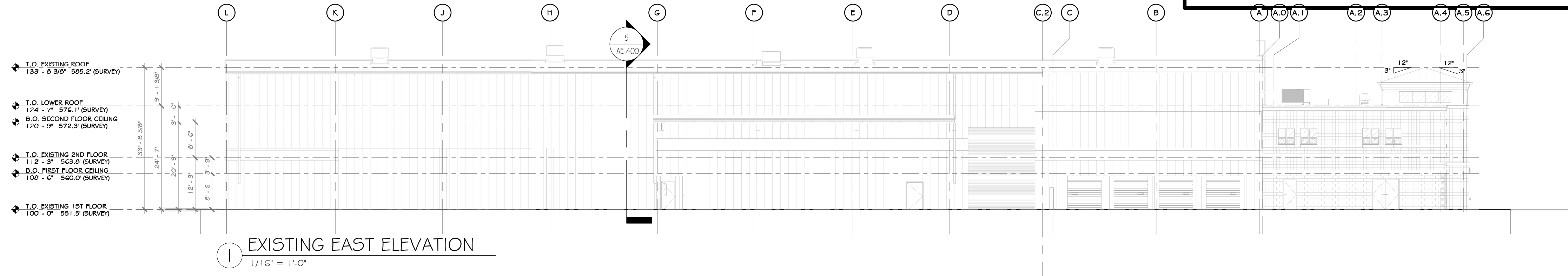
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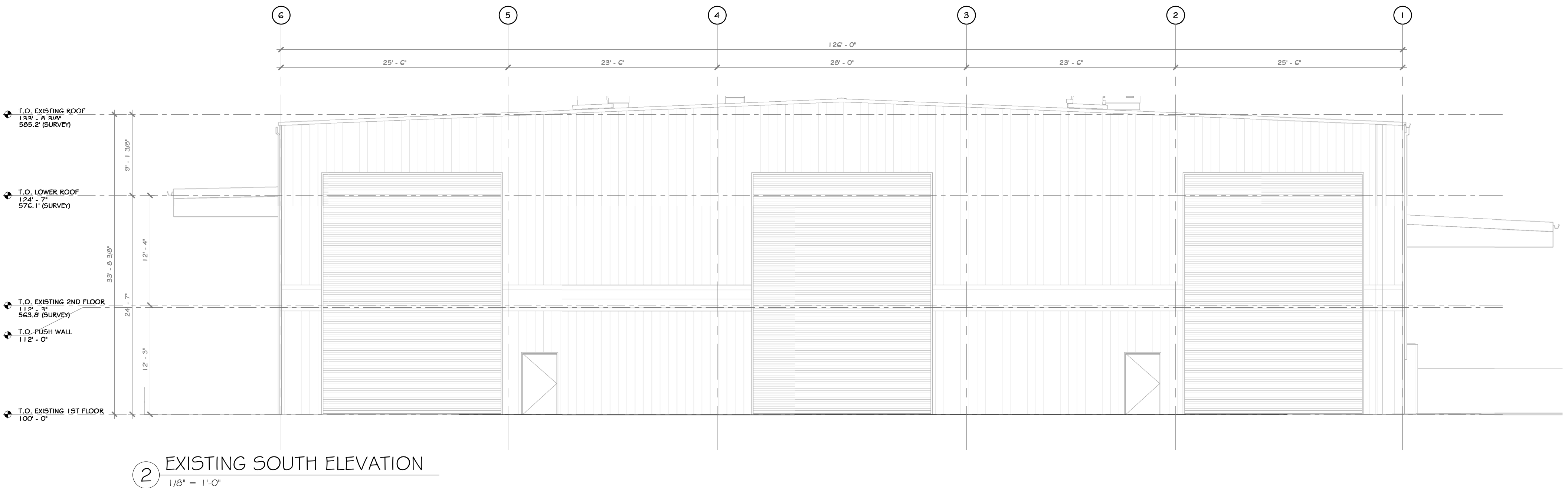
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CHECKED	ADG	07/06/21	DWG. NO: AE-204	A
DESIGNED	ADG	07/06/21	CAD FILE:	
APPROVED	ADG	07/06/21	SHEET SIZE: D-24x36	REV



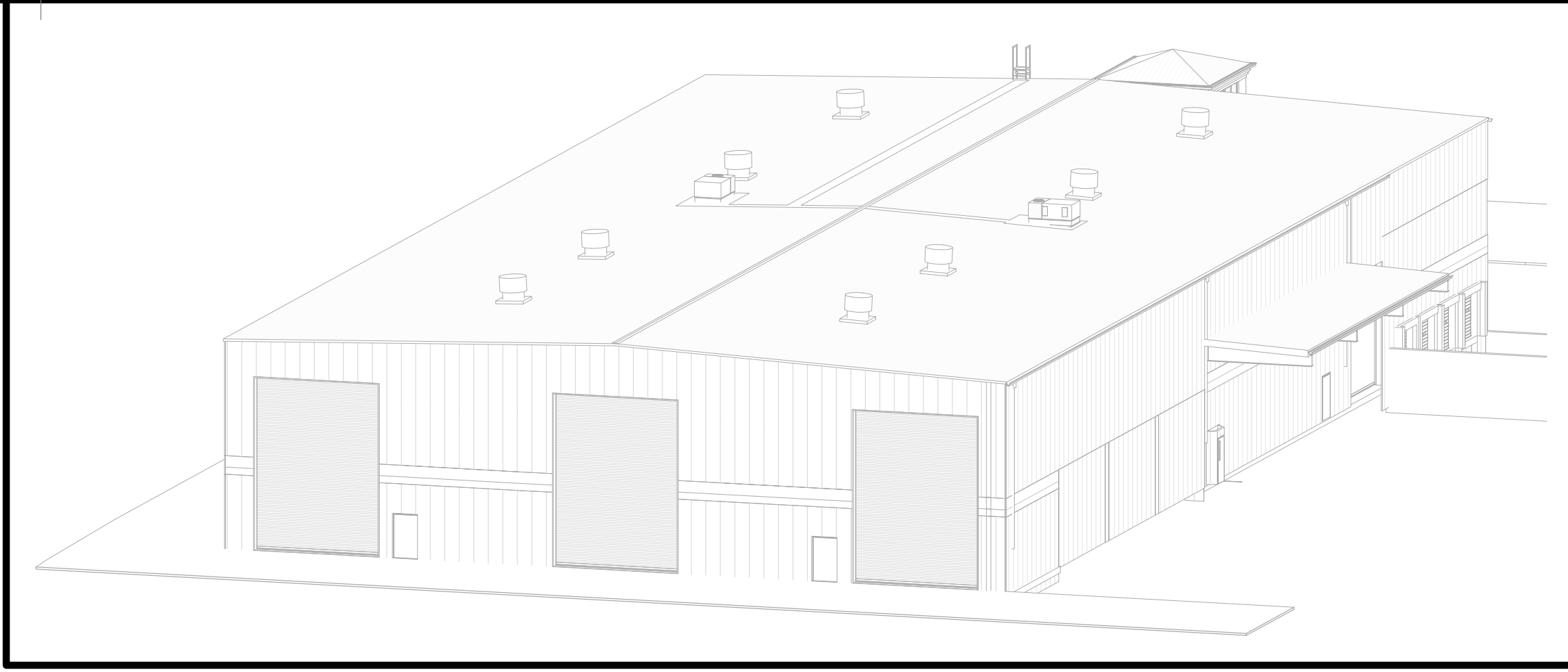
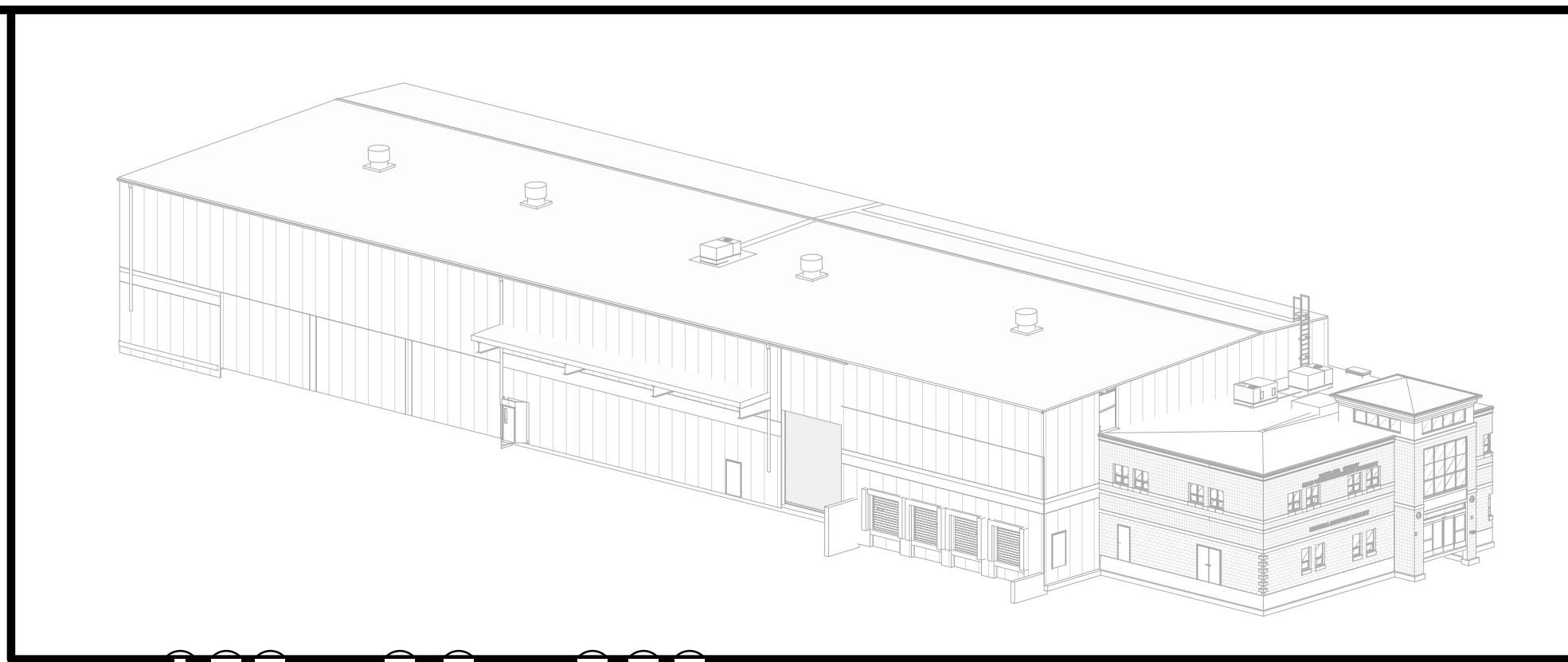
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1 EXISTING EAST ELEVATION  
1/16" = 1'-0"



2 EXISTING SOUTH ELEVATION  
1/8" = 1'-0"



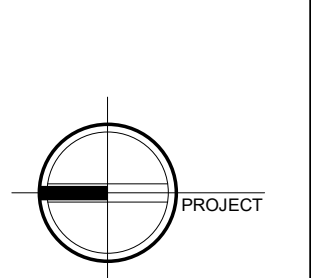
**CONSTRUCTION NOTES**

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- U.O.N. ALL EXISTING INTERIOR WALLS ARE METAL STUDS WITH GYPSUM BOARD WITH THE EXCLUSION OF THE OFFICE, U.O.N. ALL EXISTING EXTERIOR WALLS ARE PEMB STRUCTURAL GIRTS WITH METAL PANELS
  - EXISTING OFFICE STRUCTURE TO REMAIN UNCHANGED.
  - EXISTING STEEL COLUMNS AND ROOF GIRTS TO REMAIN UNCHANGED
  - EXISTING UTILITIES ARE TO BE REMOVED, SEE MEP AND CIVIL DRAWINGS
  - EXISTING WINDOWS, DOORS TO REMAIN, U.O.N.
  - EXISTING EXPRESS DOORS TO REMAIN, U.O.N.
  - EXISTING MECHANICAL ROOM TO REMAIN
  - EXISTING ELECTRICAL PANELS TO REMAIN
  - EXISTING METAL PANEL SIDING TO REMAIN, U.O.N.
  - EXISTING CONCRETE FOUNDATION WALLS TO REMAIN
  - EXISTING ROOF OVERHANG, SOFFIT, AND FACIA TO BE REMOVED WHERE REQUIRED FOR NEW ADDITION
  - EXISTING ROOF LEADERS ARE TO REMAIN, UNLESS OTHERWISE MODIFIED BY NEW ADDITION.
  - SEE CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, OR FIRE PROTECTION DRAWINGS FOR ADDITIONAL EXISTING INFORMATION RELATED TO THOSE RESPECTIVE DISCIPLINES

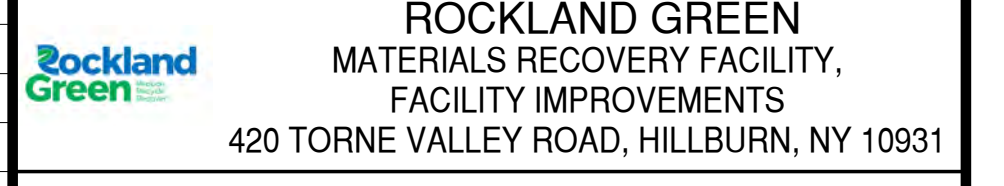
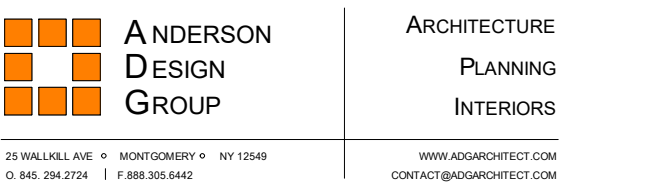
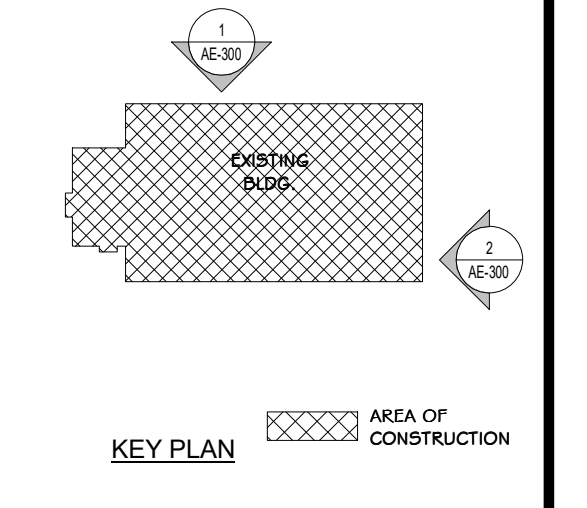
**FIELD REGION LEGEND**

	LIMIT OF WORK
	LOCATION OF EXISTING ELECTRICAL PANELS
	GENERAL LOCATION OF CONNECTION TO EXISTING UTILITIES

**PROJECT**



NORTH



**EXISTING SOUTH & EAST EXT. ELEVATION**



REV	DESCRIPTION	DATE	BY
B	REVISED FOR RFP ADDENDUM 6	07-23-21	BY: CLJ
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ph: 631-756-1000  
fax: 631-756-1064

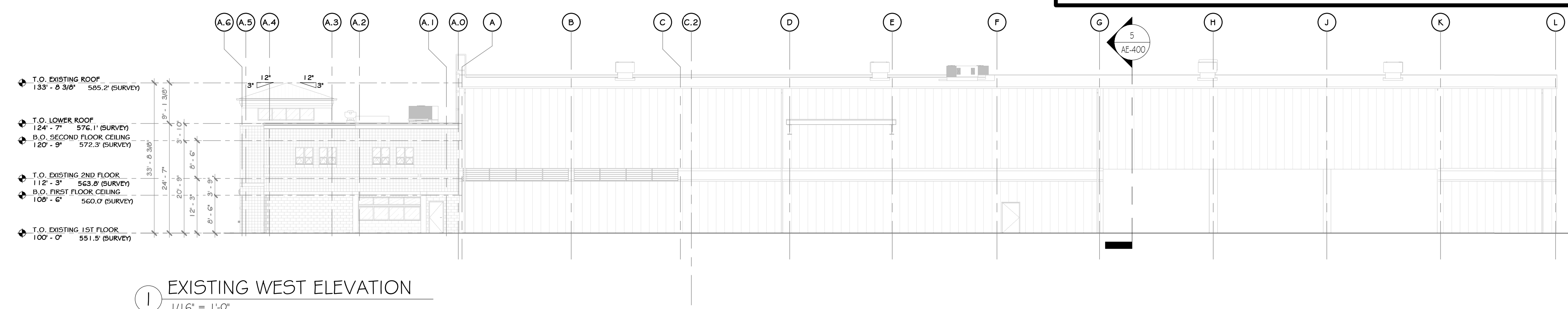
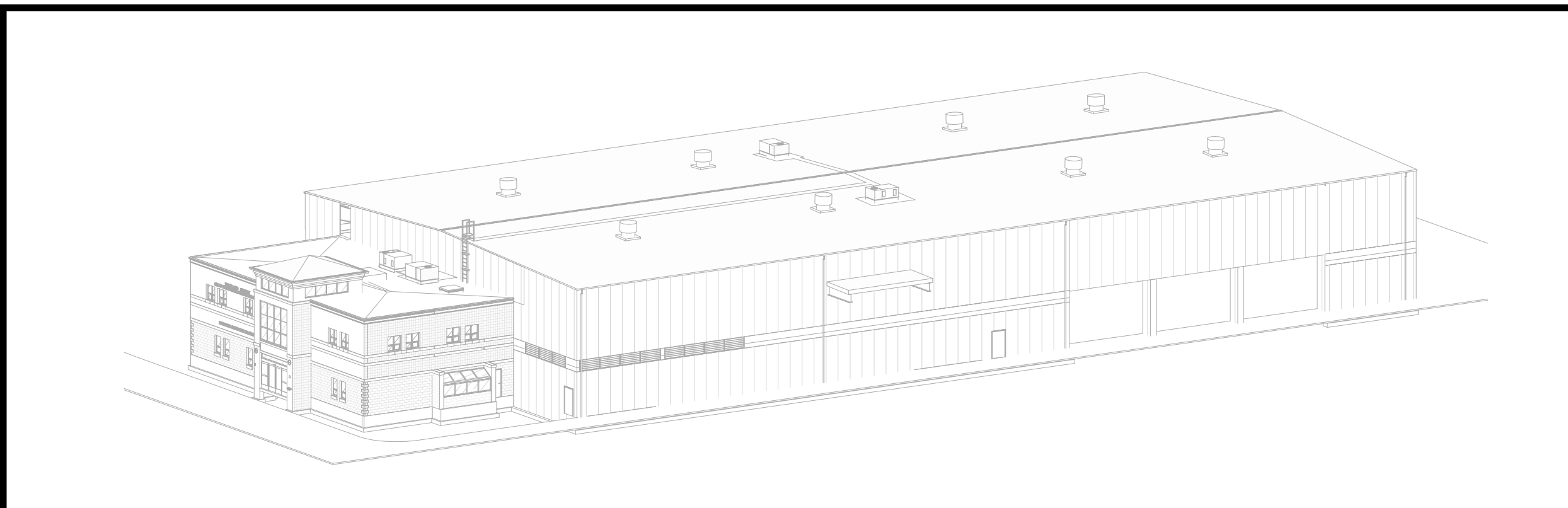
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CHECKED	ADG	07/06/21	DWG. NO: AE-300	A
DESIGNED	ADG	07/06/21	CAD FILE:	
APPROVED	ADG	07/06/21	SHEET SIZE: D-24x36	REV

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**CONSTRUCTION NOTES**

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8. EXISTING ELECTRICAL PANELS TO REMAIN
9. EXISTING METAL PANEL SIDING TO REMAIN, U.O.N.
10. EXISTING CONCRETE FOUNDATION WALLS TO REMAIN
11. EXISTING ROOF OVERHANG, SOFFIT, AND FACIA TO BE REMOVED WHERE REQUIRED FOR NEW ADDITION
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13. SEE CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, OR FIRE PROTECTION DRAWINGS FOR ADDITIONAL EXISTING INFORMATION RELATED TO THOSE RESPECTIVE DISCIPLINES

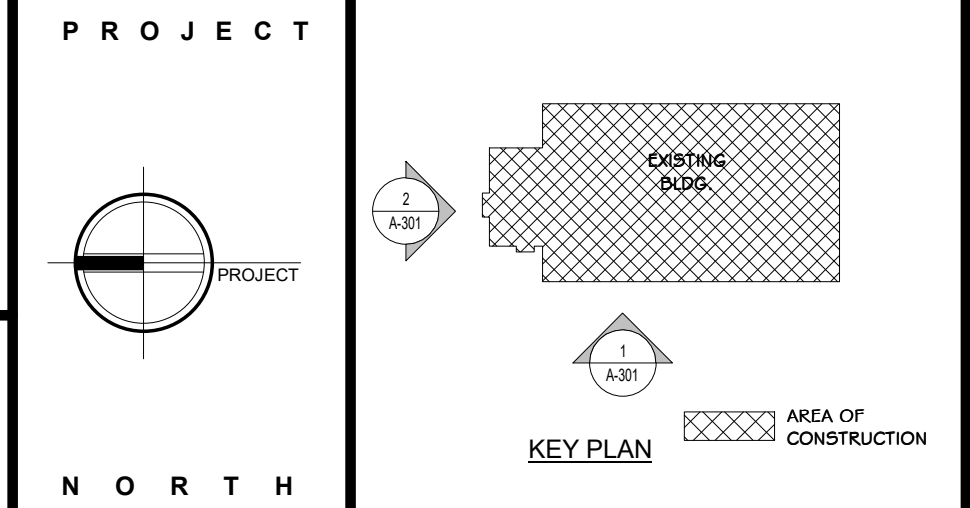


1 EXISTING WEST ELEVATION  
1/11" = 1'-0"



**FIELD REGION LEGEND**

	LIMIT OF WORK
	LOCATION OF EXISTING ELECTRICAL PANELS
	GENERAL LOCATION OF CONNECTION TO EXISTING UTILITIES



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**ANDERSON DESIGN GROUP** ARCHITECTURE  
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NY COA # 0017967

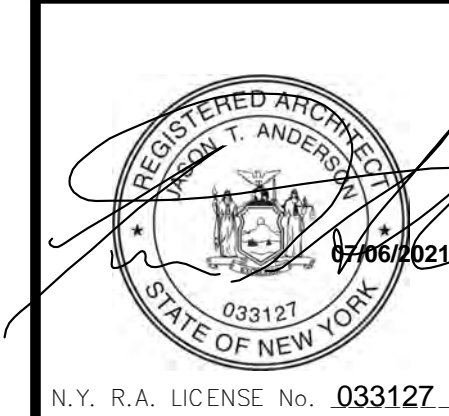
**Rockland Green** ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**EXISTING NORTH & WEST EXT. ELEVATION**

BY	DATE	PROJ. No:	SCALE:
IDEA	05/21/21	499-010	AS SHOWN
CHECKED	ADG	DWG. No:	AE-301
DESIGNED	ADG	CAD FILE:	
APPROVED	ADG	SHEET SIZE:	D-24x36
APPROVED			REV



2 EXISTING NORTH ELEVATION  
1/8" = 1'-0"

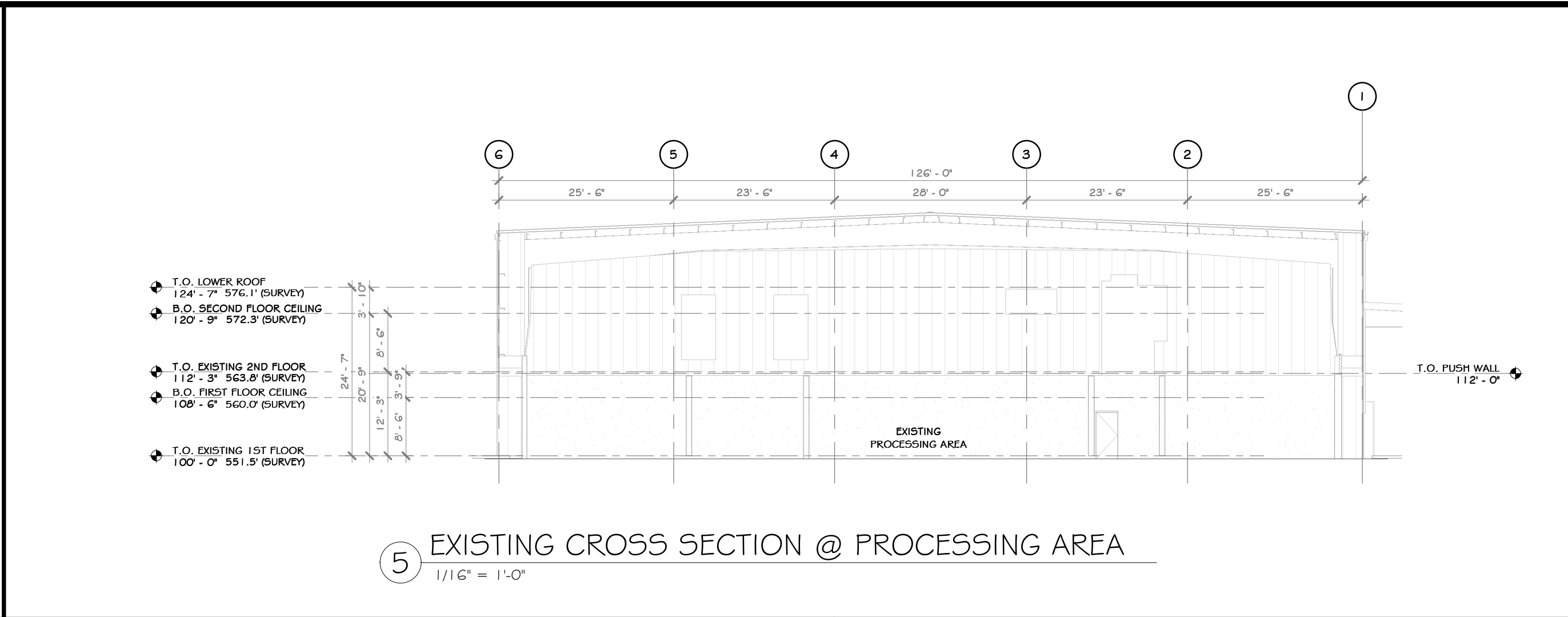
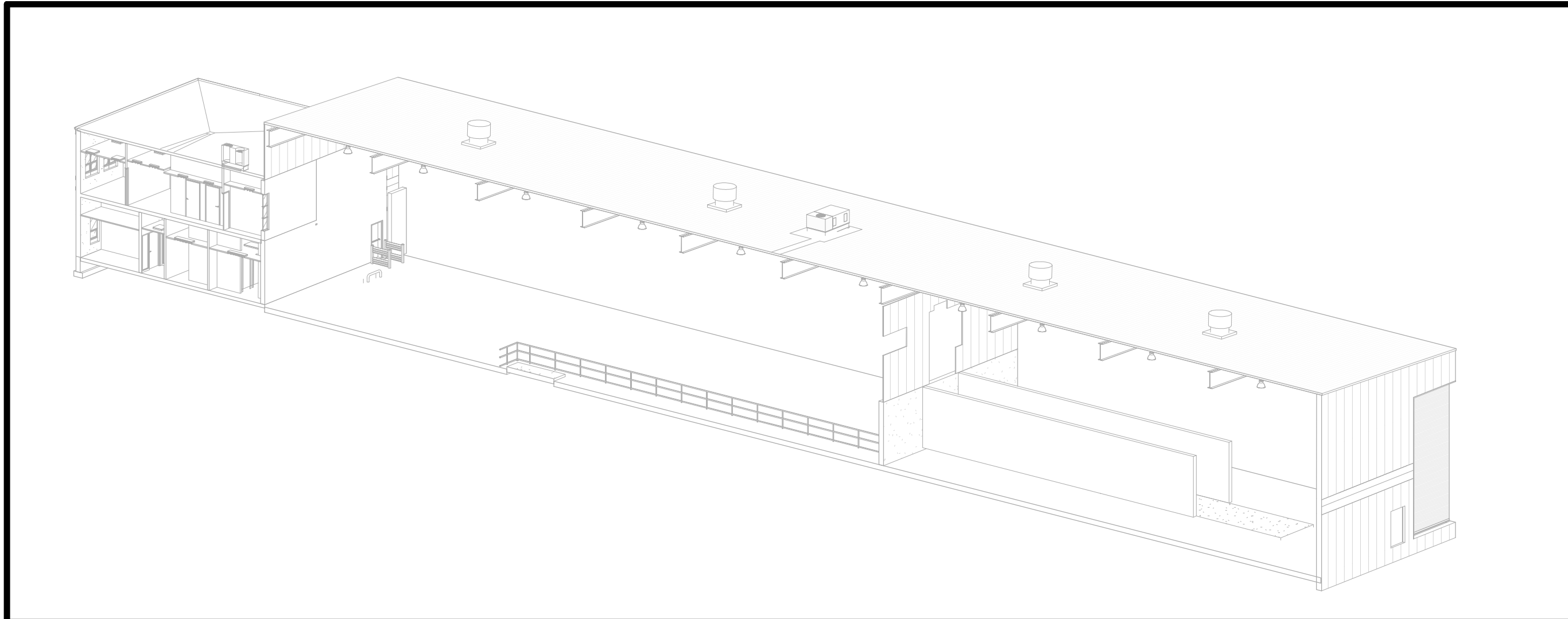


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B	REVISED FOR RFP ADDENDUM 6	07-23-21		
A	ISSUED FOR RFP	07-06-21		
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<b>RRT Engineering, LLC</b>				
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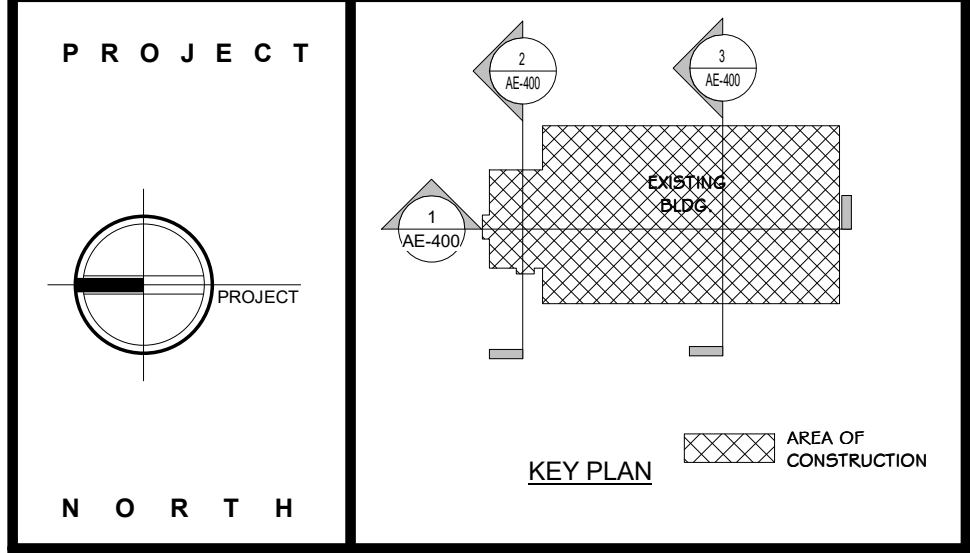
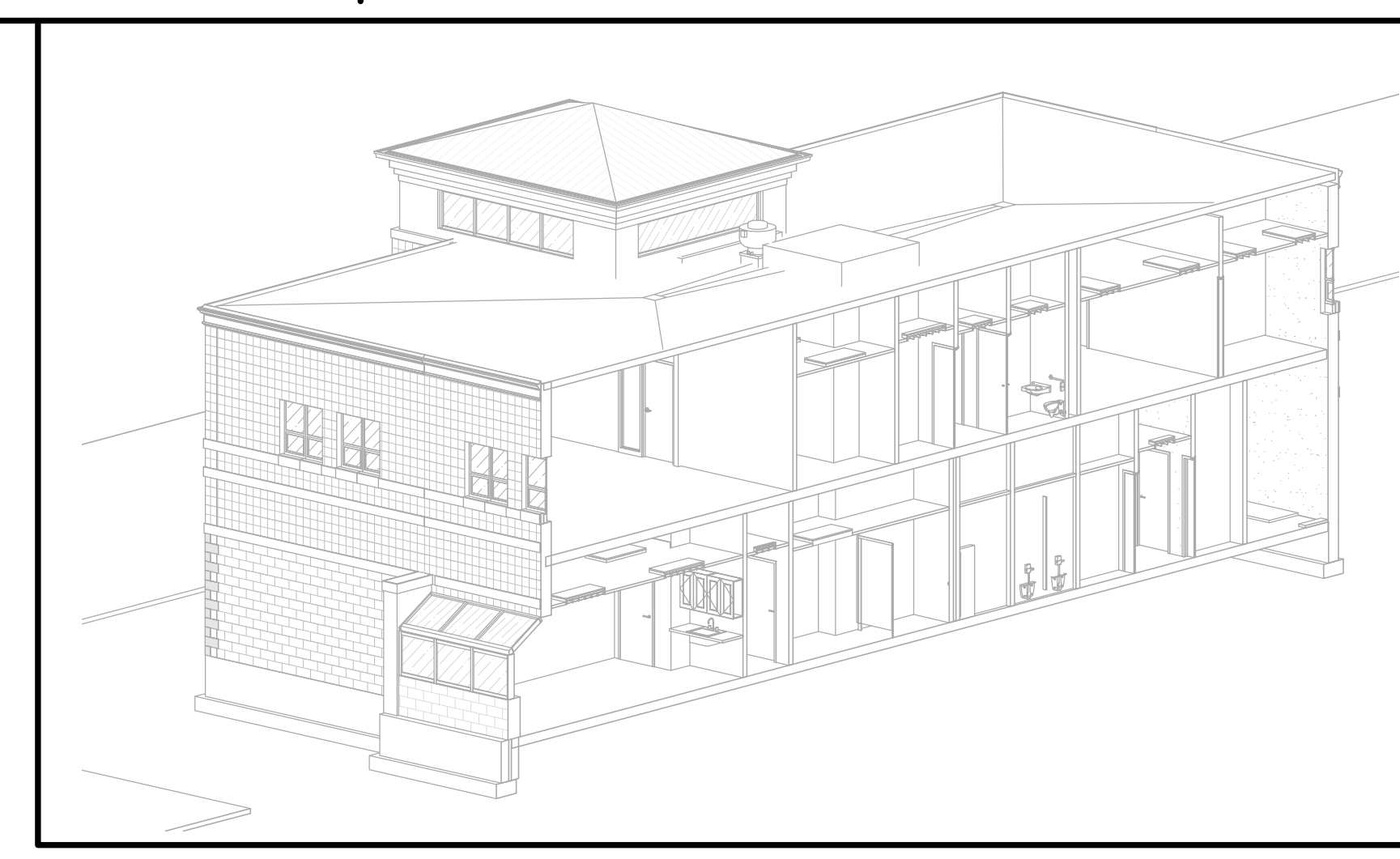
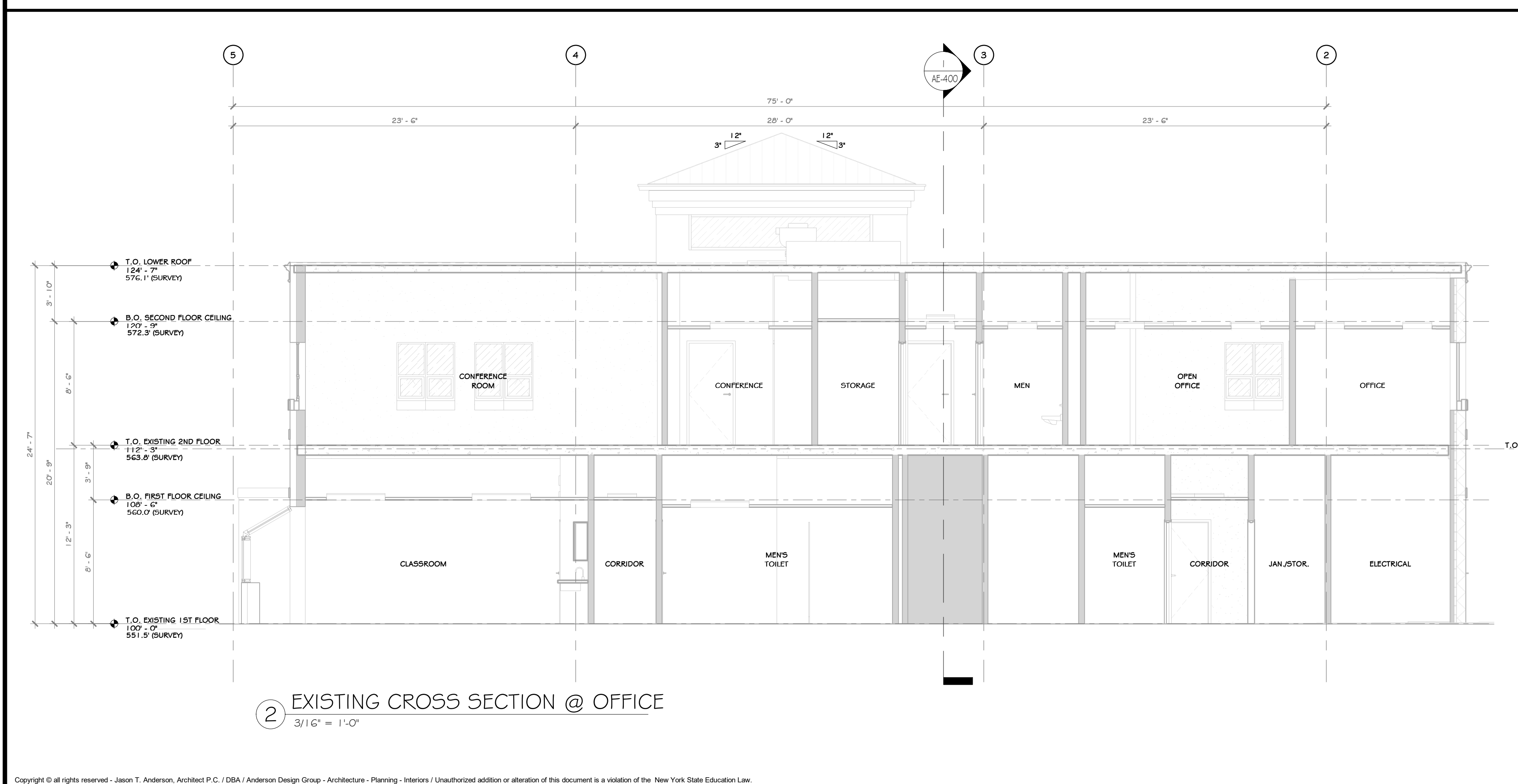
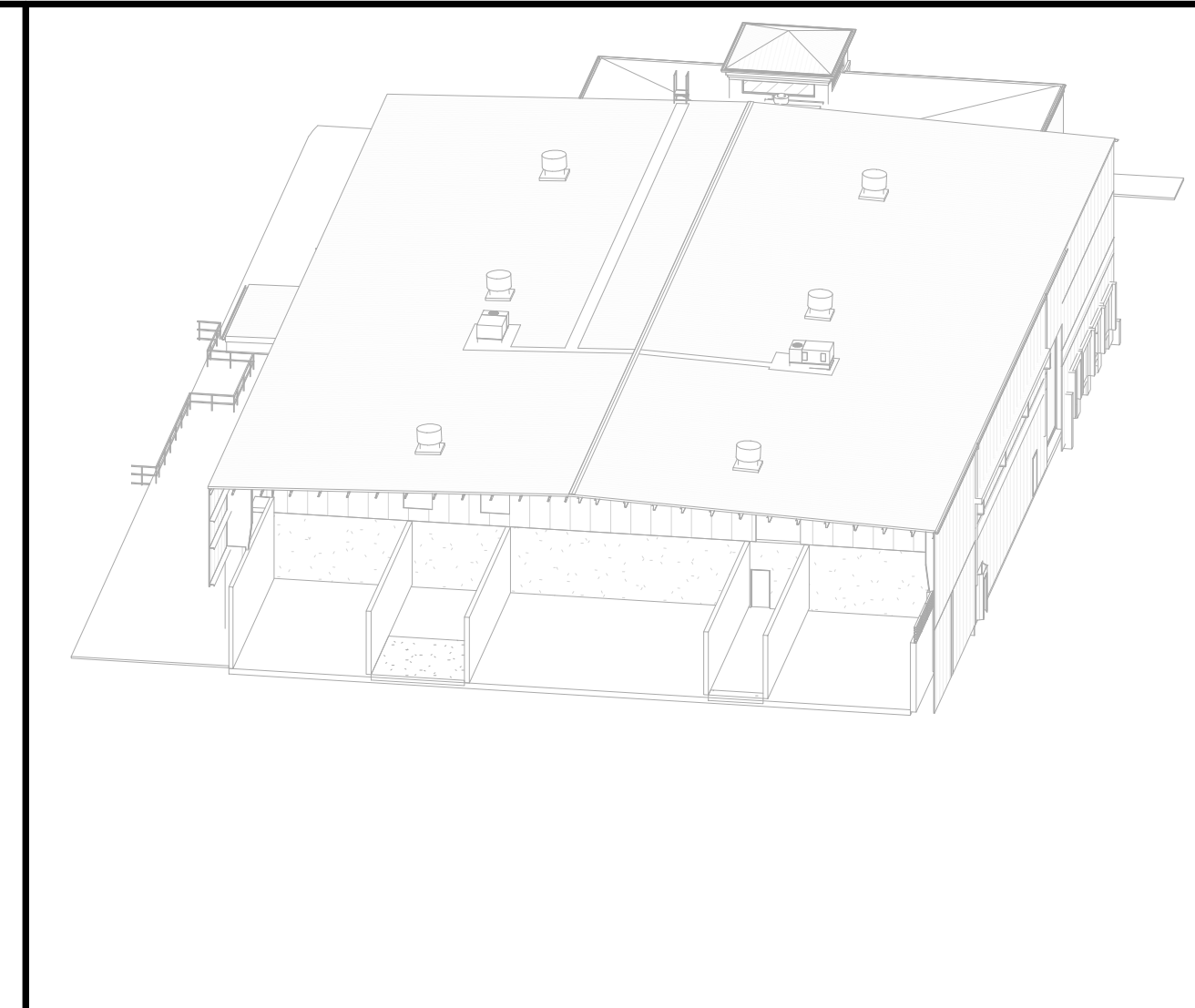
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  - WITH THE EXCLUSION OF THE OFFICE, U.O.N. ALL EXISTING EXTERIOR WALLS ARE FEMA STRUCTURAL
  - EXISTING OFFICE STRUCTURE TO REMAIN UNCHANGED.
  - EXISTING STEEL COLUMNS AND ROOF GIRTS TO REMAIN UNCHANGED.
  - EXISTING UTILITIES ARE TO BE REMOVED, SEE MEP AND CIVIL DRAWINGS
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FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

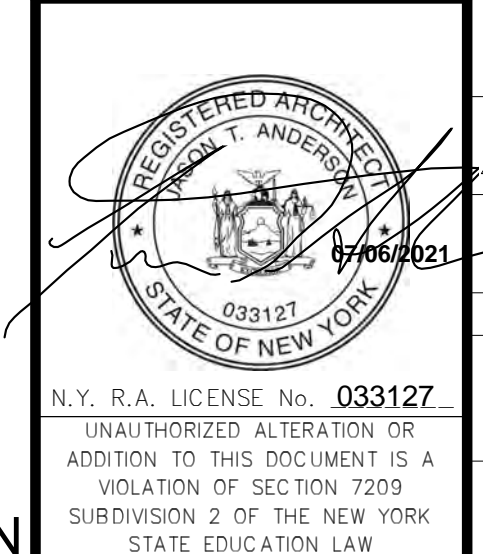
EXISTING BUILDING SECTIONS

BY	DATE	PROJ. No:	SCALE:
IDEA	05/21/21	499-010	AS SHOWN

CHECKED	DATE	DWG. NO:	REV
ADG	07/06/21	AE-400	A

DESIGNED	DATE	CAD FILE:
ADG	07/06/21	

APPROVED	DATE	SHEET SIZE:
ADG	07/06/21	D-24x36



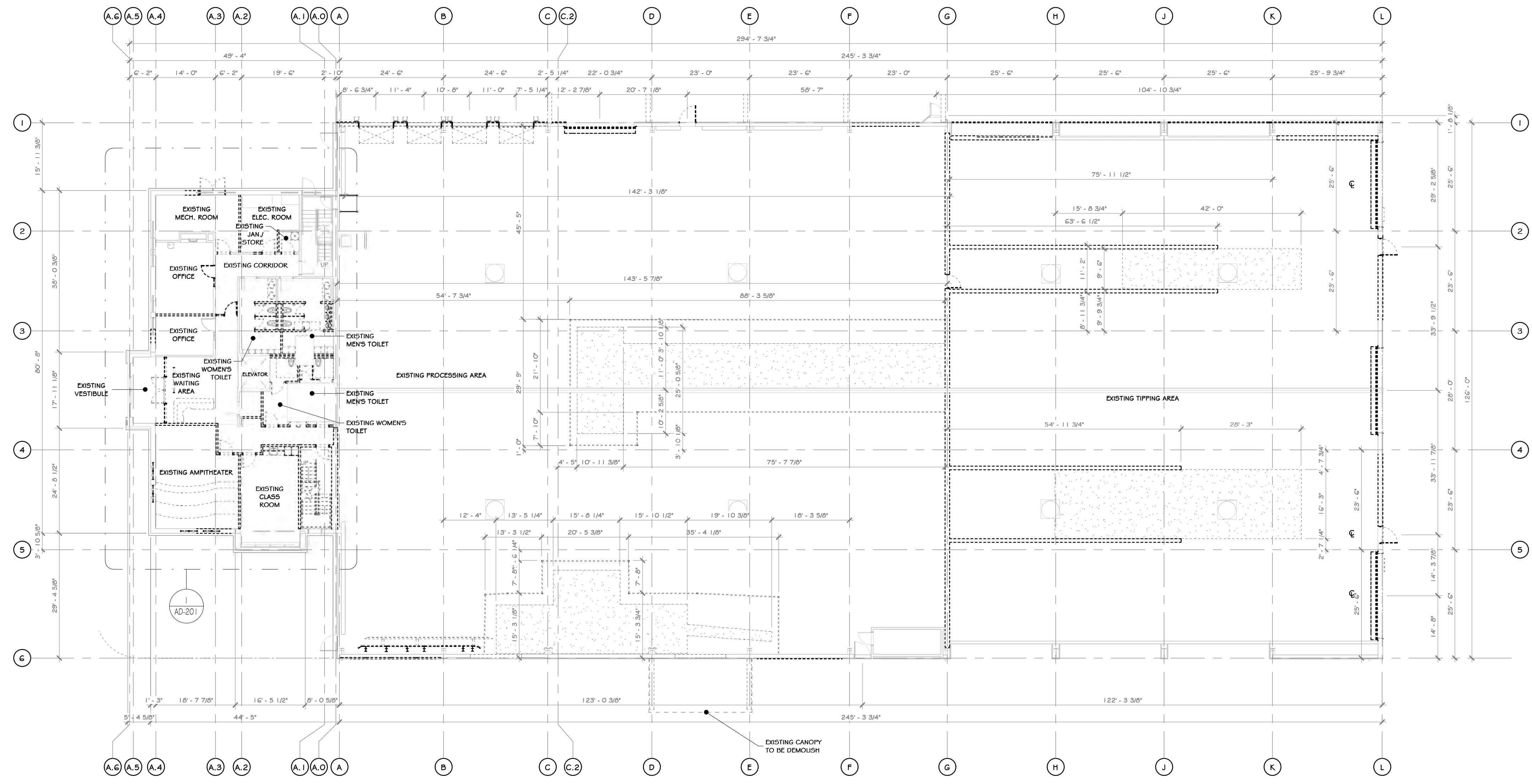
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1 Huntington Quadrangle, 3501  
Melville, N.Y. 11747  
ph: 631-756-1000  
fax: 631-756-1064

**CONSTRUCTION NOTES**

- IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CONTACT THE ARCHITECT BEFORE PROCEEDING WITH ANY AREA OF WORK THAT MAY BE UNCLEAR OR NOT SPECIFICALLY CALLED OUT ON THIS PLAN. THIS ALSO INCLUDES WORK THAT MAY NOT BE UNCOVERED DUE TO THE CURRENT CONDITION OF THE BUILDING OR AREAS THAT ARE UNKNOWN AT PRESENT WITHOUT FURTHER INVESTIGATION/DEMOLITION WORK. IT IS THE RESPONSIBILITY OF THE ARCHITECT/ENGINEER TO REVIEW THESE AREAS IN A TIMELY MANNER, SO THAT AN ACCEPTABLE PLAN OF ACTION CAN BE DRAFTED.
- DEMOLITION CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE HAZARDOUS MATERIALS REPORT (ASBESTOS, LEAD, ETC.) AND FOR ALL REMEDIATION.
- IF MATERIALS SUSPECTED OF CONTAINING HAZARDOUS MATERIALS ARE ENCOUNTERED DURING DEMOLITION WORK, DO NOT DISTURB, IMMEDIATELY NOTIFY THE ARCHITECT AND OWNER. A REMOVAL PLAN OF ALL HAZARDOUS MATERIALS WILL THEN BE DRAFTED AND AGREED UPON BY ARCHITECT, GENERAL CONTRACTOR, AND OWNER. THIS PLAN WILL INCLUDE METHODS FOR LOCATING AND REMOVING ALL HAZARDOUS MATERIALS PROPERLY, AND THE APPROPRIATE COMPENSATION FOR SUCH INVESTIGATION AND REMOVAL.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL SHORING (WHERE REQUIRED) IS ADEQUATE TO MAINTAIN STRUCTURAL STABILITY. IF SHORING IS REQUIRED, CONTRACTOR SUBMIT SIGNED AND SEALED SHORING DRAWING FOR REVIEW. NO EXEMPTIONS.
- SEE CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, OR FIRE PROTECTION DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION RELATED TO THESE RESPECTIVE DISCIPLINES.
- MAINTAIN AND PROTECT EXISTING UTILITIES TO REMAIN IN SERVICE BEFORE PROCEEDING WITH DEMOLITION, PROVIDING BYPASS CONNECTIONS TO OTHER PARTS OF THE BUILDING.
- COMPLY WITH ALL LABOR, HANDLING, AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION (BUILDING DEPARTMENT, LOCAL MUNICIPALITY, STATE, EPA, DEC, OSHA, ETC.)
- CONDUCT DEMOLITION OPERATIONS AND REMOVE DEBRIS TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND SITE IMPROVEMENTS.
- LOCATE, IDENTIFY, SHUT OFF, DISCONNECT, AND CAP OFF UTILITY SERVICES TO BE DEMOLISHED.
- PROMPTLY REMOVE DEMOLISHED MATERIALS FROM OWNERS PROPERTY AND LEGALLY DISPOSE OF THEM. DO NOT BURN DEMOLISHED MATERIALS.
- UNLESS OTHERWISE INDICATED, DEMOLISHED MATERIALS BECOME CONTRACTORS PROPERTY. REMOVE FROM PROJECT SITE.
- EXISTING PRE-ENGINEERED METAL BUILDING ROOF INSULATION IS TO BE REMOVED AND REPLACED WITH A NEW R-19 BATT INSULATION BY PRE-ENGINEERED METAL BUILDING CONTRACTOR.
- SELECTIVE DEMOLITION OF EXISTING PEMB SIDING TO INSTALL NEW DOORS AND FILL IN EXISTING OPENINGS. PEMB SUPPLIER TO DETERMINE EXTENT OF SIDING REPLACEMENT TO PERFORM REQUIRED WORK.
- EXISTING PEMB ROOF TO REMAIN. PEMB TO INSPECT DURING BIDDING PROCESS AND DETERMINE EXTENT OF MINOR REPAIRS AND APPROPRIATE RE-FLASHING.
- MAINTAIN AND PROTECT EXISTING BUILDING AREAS AND/OR COMPONENTS TO REMAIN IN SERVICE, BEFORE PROCEEDING WITH AND DURING DEMOLITION.
- EXISTING CONCRETE SLAB TO REMAIN, FITS TO BE REMOVED. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- SEE PLUMBING DRAWINGS FOR SAW-CUTTING OF EXISTING SLAB FOR UNDERGROUND PLUMBING WORK.
- SEE ELECTRICAL DRAWINGS FOR SAW-CUTTING OF EXISTING SLAB FOR UNDERGROUND ELECTRICAL WORK.
- BEFORE SAW CUTTING, GC IS TO LAY OUT WALLS, EQUIPMENT LOCATIONS, ETC. ON THE FLOOR AND REVIEW ALL LOCATIONS WITH THE ARCHITECT AND THE OWNER.
- SEE STRUCTURAL DRAWINGS FOR SLAB SAW CUTTING DETAILS AND SPECIFICATIONS.
- LOCATION OF UNDERGROUND EXISTING UTILITIES TO BE VERIFIED IN FIELD BY CONTRACTOR. CONTRACTOR TO PROVIDE DOCUMENTATION SHOWING EXACT LOCATIONS AND SUBMIT TO ARCHITECT/ENGINEER SO THAT THESE MAY BE INCORPORATED INTO THE CONSTRUCTION DOCUMENTS.
- EXISTING PEMB STRUCTURE AND STEEL STRUCTURE TO REMAIN, UNLESS OTHERWISE INDICATED.
- EXISTING STEEL COLUMNS TO REMAIN, UNLESS OTHERWISE INDICATED.
- EXTERIOR ENVELOPE / FACADE:
  - EXISTING NORTH / SOUTH / WEST EXTERIOR PEMB WALLS TO BE SELECTIVELY REMOVED AS SHOWN, UNLESS OTHERWISE INDICATED.
  - EXISTING NORTH / SOUTH / WEST EXTERIOR FACADE, INCLUDING METAL SIDING, MOISTURE BARRIER AND CAVITY INSULATION TO BE SELECTIVELY REMOVED AS SHOWN. NEW FLASHING, EXPANSION JOINTS, ETC. TO BE INSTALLED.
- ALL EXISTING MECHANICAL/PLUMBING/VENTING PENETRATIONS TO REMAIN. REMOVE AND REPLACE FLASHINGS AT CURBS AS REQUIRED. OPENINGS FOR NEW PENETRATIONS TO BE INSTALLED IN CONFORMANCE WITH PEMB REQUIREMENTS.
- EXISTING GUTTERS TO REMAIN.
- EXISTING PEMB WALLS TO BE SELECTIVELY REMOVED AS SHOWN TO CREATE OPENINGS FOR NEW DOOR OPENINGS. SEE DRAWINGS A-300 AND A-800 DRAWINGS FOR ADDITIONAL INFORMATION ON NEW OPENINGS.
- ALL EXISTING NORTH / SOUTH / WEST EXTERIOR DOORS TO BE SELECTIVELY REMOVED AS SHOWN, UNLESS OTHERWISE INDICATED.
- ALL EXISTING HOLLOW METAL DOORS ARE TO BE SELECTIVELY REMOVED AS SHOWN. REMOVE EXISTING OVERHEAD DOORS WHERE SHOWN AND PATCH METAL SIDING TO MATCH ADJACENT EXISTING.
- EXISTING OPENINGS INCLUDING FRAMES TO REMAIN, UNLESS OTHERWISE INDICATED.
- HEADERS ABOVE EXISTING DOORS ARE TO BE REMOVED WHERE REQUIRED FOR NEW DOOR OPENINGS. TO ALLOW FOR INSTALLATION OF NEW HEADER AND LARGER OVERHEAD DOORS. - SEE STRUCT. DWGS.
- ALL EXISTING CONCRETE STAIRS AND HANDRAILS TO BE SELECTIVELY REMOVED AS SHOWN.
- EXISTING SPRINKLER, MECHANICAL, ELECTRICAL, PLUMBING SYSTEMS TO BE REMOVED WHERE INDICATED - SEE MEP DRAWINGS.
- SEE PLUMBING DRAWINGS FOR PLUMBING DEMOLITION WORK.
- SEE ELECTRICAL DRAWINGS FOR ELECTRICAL DEMOLITION WORK.
- SELECTIVE SITE DEMOLITION AND PARTIAL EXISTING ASPHALT TO BE REMOVED IN ORDER TO INSTALL A NEW BUILDING ADDITION. SEE CIVIL DRAWINGS FOR LOCATIONS, DETAILS AND SPECIFICATIONS.
- G.C. TO INCLUDE A \$50,000 LINE-ITEM ALLOWANCE IN BASE BID FOR WORK RELATED TO UNANTICIPATED REPAIRS TO EXISTING PEMB.



**FIRST FLOOR DEMO PLAN**  
1/11" = 1'-0"

**PROJECT**

**KEY PLAN**

EXISTING BUILDING (indicated by a hatched pattern)

AREA OF CONSTRUCTION (indicated by a cross-hatched pattern)

**STERLING**  
Sterling Environmental Engineering, P.C.

**martin rogers**  
ENGINEERING CONSULTANTS

185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
1-570-825-1000 | 1-570-825-0888 | www.mrspc.com

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NY COA # 0017967

**Rockland Green**

**ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS**  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**FIRST FLOOR DEMO PLAN**

BY	DATE	PROJ. No:	SCALE:
IDEA	05/21/21	499-010	AS SHOWN
CHECKED	ADG	DWG. NO:	A
DESIGNED	ADG	AD-200	
APPROVED	ADG	CAD FILE:	
APPROVED		SHEET SIZE: D-24x36	REV

**WALL LEGEND**

EXISTING WALL TO REMAIN (indicated by a solid line)

EXISTING WALL TO BE DEMOLISHED (indicated by a dashed line)

**NOT FOR CONSTRUCTION**

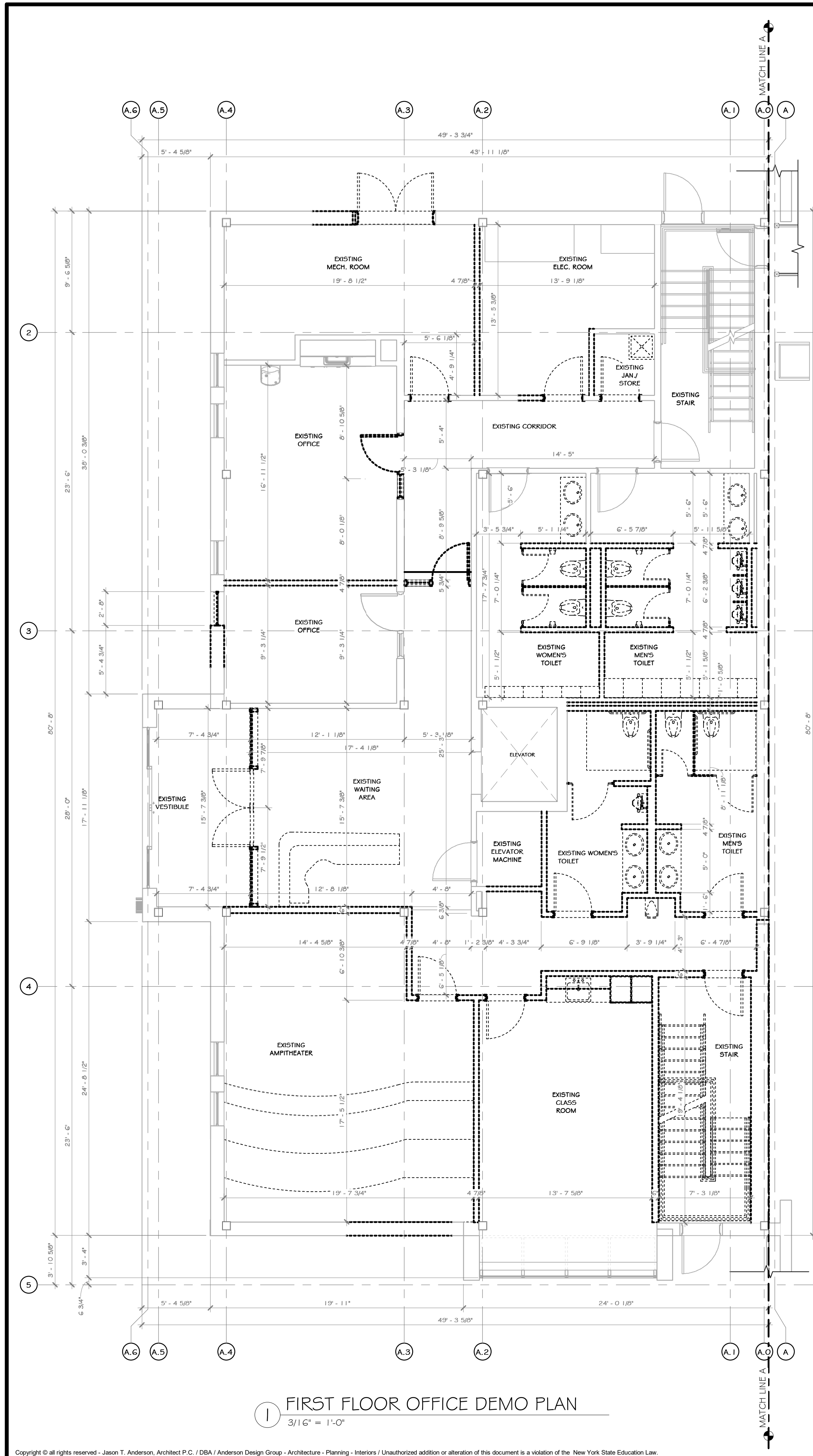
**REGISTERED ARCHITECT**  
STATE OF NEW YORK  
033127  
07/06/2021

N.Y. R.A. LICENSE No. 033127  
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW

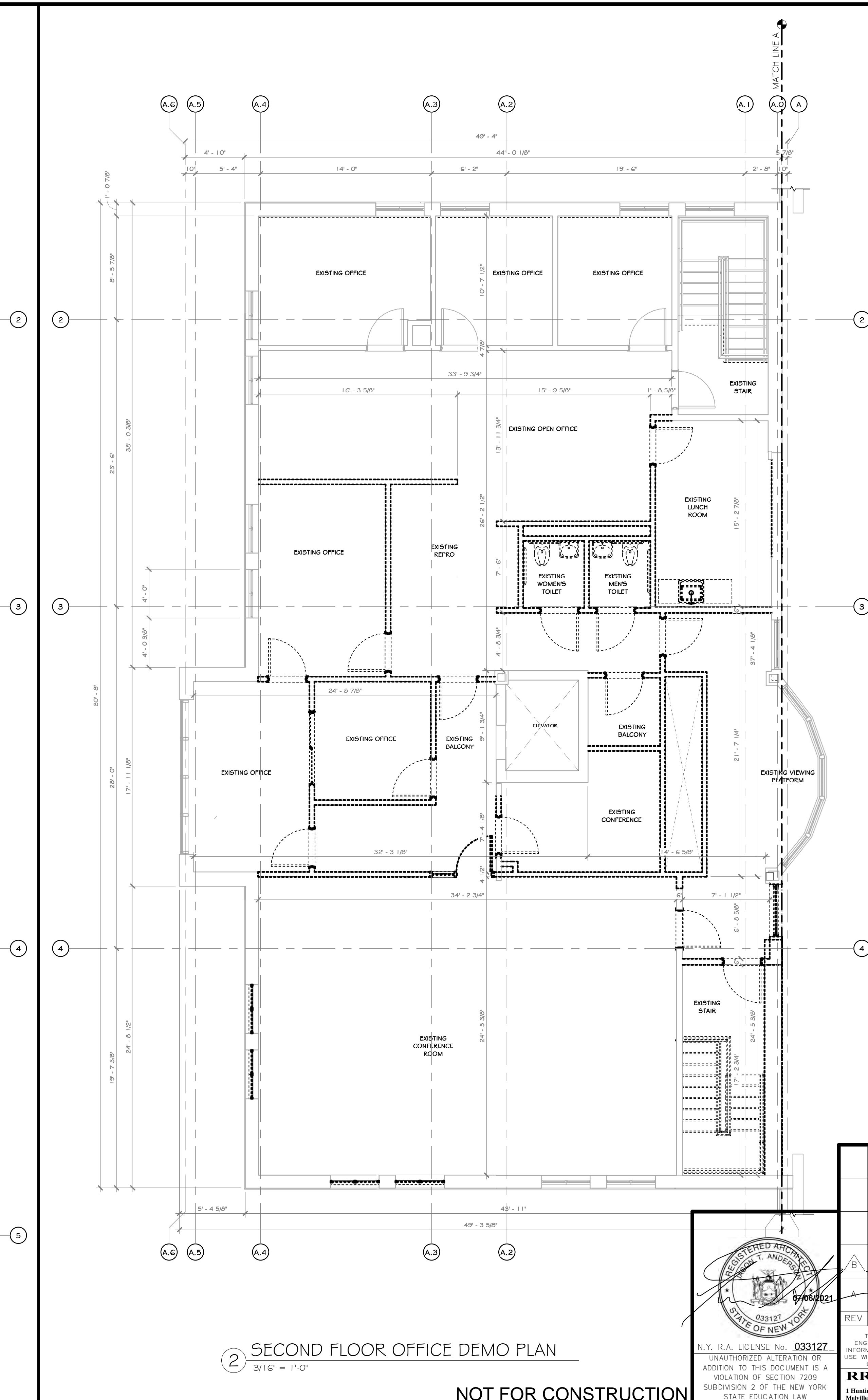
REV	DESCRIPTION	DATE
6	REVISED FOR RFP ADDENDUM 6	07-23-21
5	ISSUED FOR RFP	07-06-21
4	DESIGNATION	07-06-21
3	PROPRIETARY DATA	07-06-21

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fax: 631-756-1044



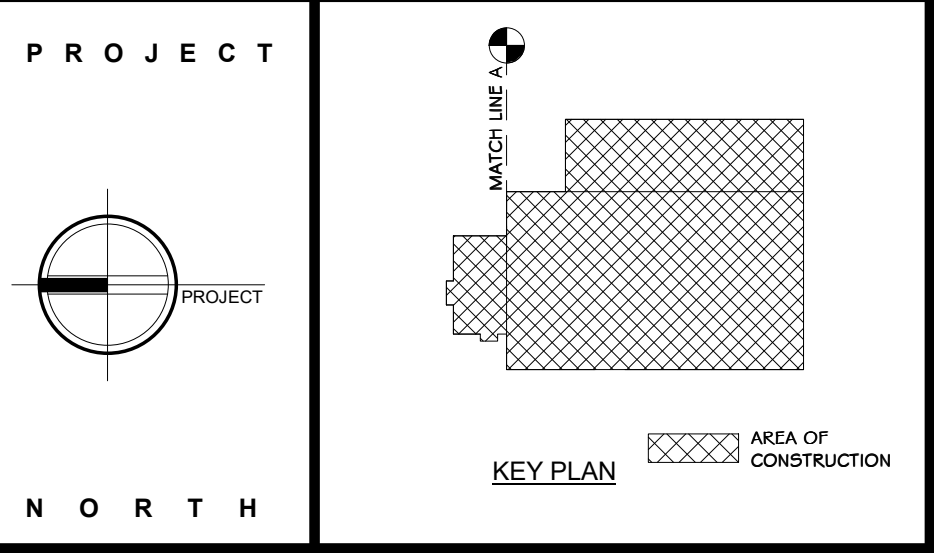
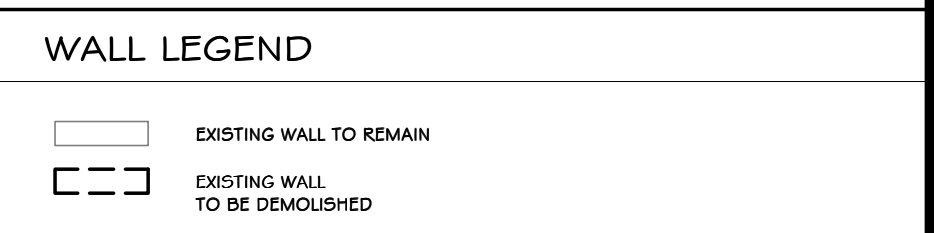
1 FIRST FLOOR OFFICE DEMO PLAN  
3/16" = 1'-0"



2 SECOND FLOOR OFFICE DEMO PLAN  
3/16" = 1'-0"

**CONSTRUCTION NOTES**

- NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING
- IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CONTACT THE ARCHITECT BEFORE PROCEEDING WITH ANY AREA OF WORK THAT MAY BE UNCLEAR OR NOT SPECIFICALLY CALLED OUT ON THIS PLAN. THIS ALSO INCLUDES WORK THAT MAY YET BE UNCOVERED DUE TO THE CURRENT CONDITION OF THE BUILDING OR AREAS THAT ARE UNKNOWN AT PRESENT WITHOUT FURTHER INVESTIGATION/DEMOLITION WORK. IT IS THE RESPONSIBILITY OF THE ARCHITECT/ENGINEER TO REVIEW THESE AREAS IN A TIMELY MANNER, SO THAT AN ACCEPTABLE PLAN OF ACTION CAN BE DRAFTED.
  - DEMOLITION CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE HAZARDOUS MATERIALS REPORT (ASBESTOS, LEAD, ETC.) AND FOR ALL REMEDIATION.
  - IF MATERIALS SUSPECTED OF CONTAINING HAZARDOUS MATERIALS ARE ENCOUNTERED DURING DEMOLITION WORK, DO NOT DISTURB, IMMEDIATELY NOTIFY THE ARCHITECT AND OWNER. A REMOVAL PLAN OF ALL HAZARDOUS MATERIALS WILL THEN BE DRAFTED AND AGREED UPON BY ARCHITECT, GENERAL CONTRACTOR, AND OWNER. THIS PLAN WILL INCLUDE METHODS FOR LOCATING AND REMOVING ALL HAZARDOUS MATERIALS PROPERLY, AND THE APPROPRIATE COMPENSATION FOR SUCH INVESTIGATION AND REMOVAL.
  - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL SHORING (WHERE REQUIRED) IS ADEQUATE TO MAINTAIN STRUCTURAL STABILITY. IF SHORING IS REQUIRED, CONTRACTOR SUBMIT SIGNED AND SEALED SHORING DRAWING FOR REVIEW. NO EXEMPTIONS.
  - SEE CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, OR FIRE PROTECTION DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION RELATED TO THOSE RESPECTIVE DISCIPLINES.
  - MAINTAIN AND PROTECT EXISTING UTILITIES TO REMAIN IN SERVICE BEFORE PROCEEDING WITH DEMOLITION, PROVIDING BYPASS CONNECTIONS TO OTHER PARTS OF THE BUILDING.
  - COMPLY WITH ALL LABOR, HANDLING, AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION (BUILDING DEPARTMENT, LOCAL MUNICIPALITY, STATE, EPA, DEC, OSHA, ETC.).
  - CONDUCT DEMOLITION OPERATIONS AND REMOVE DEBRIS TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND SITE IMPROVEMENTS.
  - LOCATE, IDENTIFY, SHUT OFF, DISCONNECT, AND CAP OFF UTILITY SERVICES TO BE DEMOLISHED.
  - PROMPTLY REMOVE DEMOLISHED MATERIALS FROM OWNERS' PROPERTY AND LEGALLY DISPOSE OF THEM. DO NOT BURN DEMOLISHED MATERIALS.
  - UNLESS OTHERWISE INDICATED, DEMOLISHED MATERIALS BECOME CONTRACTORS' PROPERTY. REMOVE FROM PROJECT SITE.
  - EXISTING NORTH / SOUTH / WEST EXTERIOR FAÇADE, INCLUDING METAL SIDING, MOISTURE BARRIER AND CAVITY INSULATION TO BE SELECTIVELY REMOVED AS SHOWN. NEW FLASHING, EXPANSION JOINTS, ETC. TO BE INSTALLED.
  - MAINTAIN AND PROTECT EXISTING BUILDING AREAS AND/OR COMPONENTS TO REMAIN IN SERVICE, BEFORE PROCEEDING WITH AND DURING DEMOLITION.
  - EXISTING INTERIOR METAL STUD WALL PARTITIONS AND ALL FINISHES TO BE SELECTIVELY REMOVED, UNLESS OTHERWISE INDICATED.
  - EXISTING INTERIOR FLOOR FINISHES, WALL FINISHES, CEILING FINISHES TO BE FULLY REMOVED, UNLESS OTHERWISE INDICATED.
  - EXISTING INTERIOR DOORS, WINDOWS TO BE SELECTIVELY REMOVED AS SHOWN. UNLESS OTHERWISE INDICATED, METAL STUD WALLS TO BE SELECTIVELY REMOVED AS SHOWN TO CREATE OPENINGS FOR NEW DOORS OPENINGS. SEE DRAWINGS A-201-BP \* A-202-BP AND A-800-BP FOR ADDITIONAL INFORMATION ON NEW SIZES REQUIRED.
  - ALL EXISTING NORTH / SOUTH / WEST EXTERIOR DOORSTO BE SELECTIVELY REMOVED AS SHOWN, UNLESS OTHERWISE INDICATED.
  - ALL EXISTING HOLLOW METAL DOORS ARE TO BE SELECTIVELY REMOVED AS SHOWN. GC TO PATCH DAMAGE DUE TO PREVIOUS HARDWARE REMOVAL AND REPAIR ENTIRE FRAME.
  - ALL EXISTING CONCRETE STAIRS AND HANDRAILS TO BE SELECTIVELY REMOVED AS SHOWN.
  - EXISTING WEST CONCRETE STAIR AND HANDRAILS TO BE FULLY REMOVED AND REPLACED AS SHOWN.
  - EXISTING NORTH STEEL STAIR TO REMAIN AND STAIR TO BE STRIPPED OF ALL PAINT, RUSTED AREAS TO BE GROUND AND REPAIRED FOR STAIR TO BE REPAIRED WITH EPOXY PAINT.
  - EXISTING SPRINKLER, MECHANICAL, ELECTRICAL, PLUMBING SYSTEMS TO BE REMOVED WHERE INDICATED - SEE MEP DRAWINGS.
  - SEE PLUMBING DRAWINGS FOR INTERIOR UNDERGROUND PLUMBING DEMOLITION WORK.
  - SEE ELECTRICAL DRAWINGS FOR UNDERGROUND ELECTRICAL DEMOLITION WORK.
  - EXISTING ELECTRICAL DEVICES/FIRE ALARM PANEL TO BE REMOVED. SEE ELECTRICAL DRAWINGS.
  - EXISTING WATER METERS TO REMAIN. SEE PLUMBING DRAWINGS.
  - EXISTING BATHROOM FIXTURES TO BE REMOVED. EXISTING CONCRETE SLAB TO BE SAW CUT TO ACCOMMODATE RELOCATION OF PLUMBING FIXTURES BASED ON NEW LAYOUT. SEE PLUMBING DRAWINGS.



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**martin rogers**  
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ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**ENLARGED OFFICE DEMO PLANS**

REV	DATE	DESCRIPTION
B	07/25/21	REVISED FOR RFP ADDENDUM 6
A	07/06/21	ISSUED FOR RFP
REV	DATE	DESCRIPTION
1	07/06/21	PROPRIETARY DATA
2	07/06/21	THIS DOCUMENT IS THE PROPERTY OF RRT ENGINEERING, LLC. ANY REPRODUCTION OR UNAUTHORIZED USE WITHOUT WRITTEN CONSENT OF RRT ENGINEERING, LLC, WILL BE SUBJECT TO PROSECUTION.
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Methuën, N.Y. 11747  
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fax: 631-756-1044

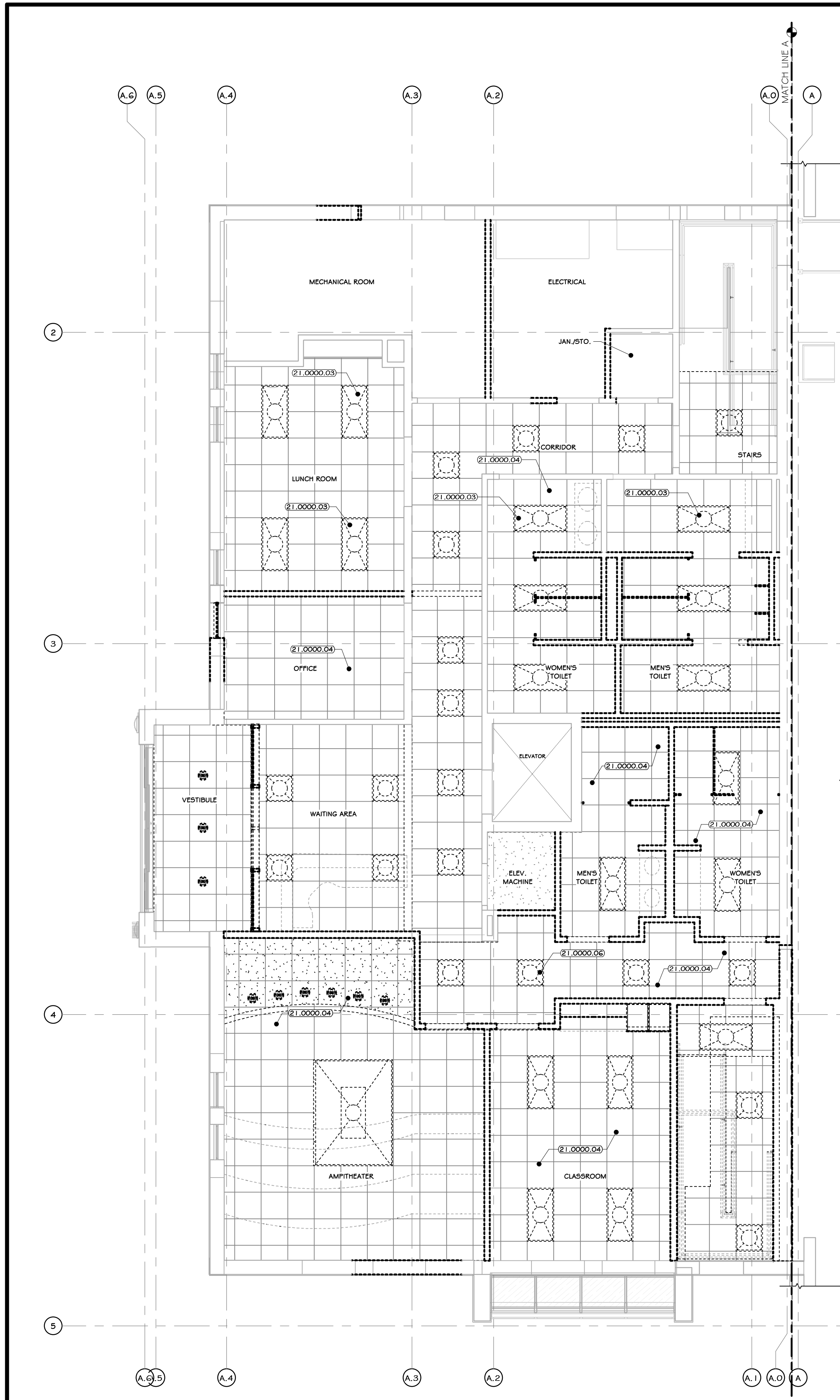
DRAWN	BY	DATE	PROJ. No:	SCALE:
CHECKED	ADG	07/06/21	499-010	AS SHOWN
DESIGNED	ADG	07/06/21		
APPROVED	ADG	07/06/21		
APPROVED	ADG	07/06/21		

CAD FILE: AD-201  
SHEET SIZE: D-24x36  
REV

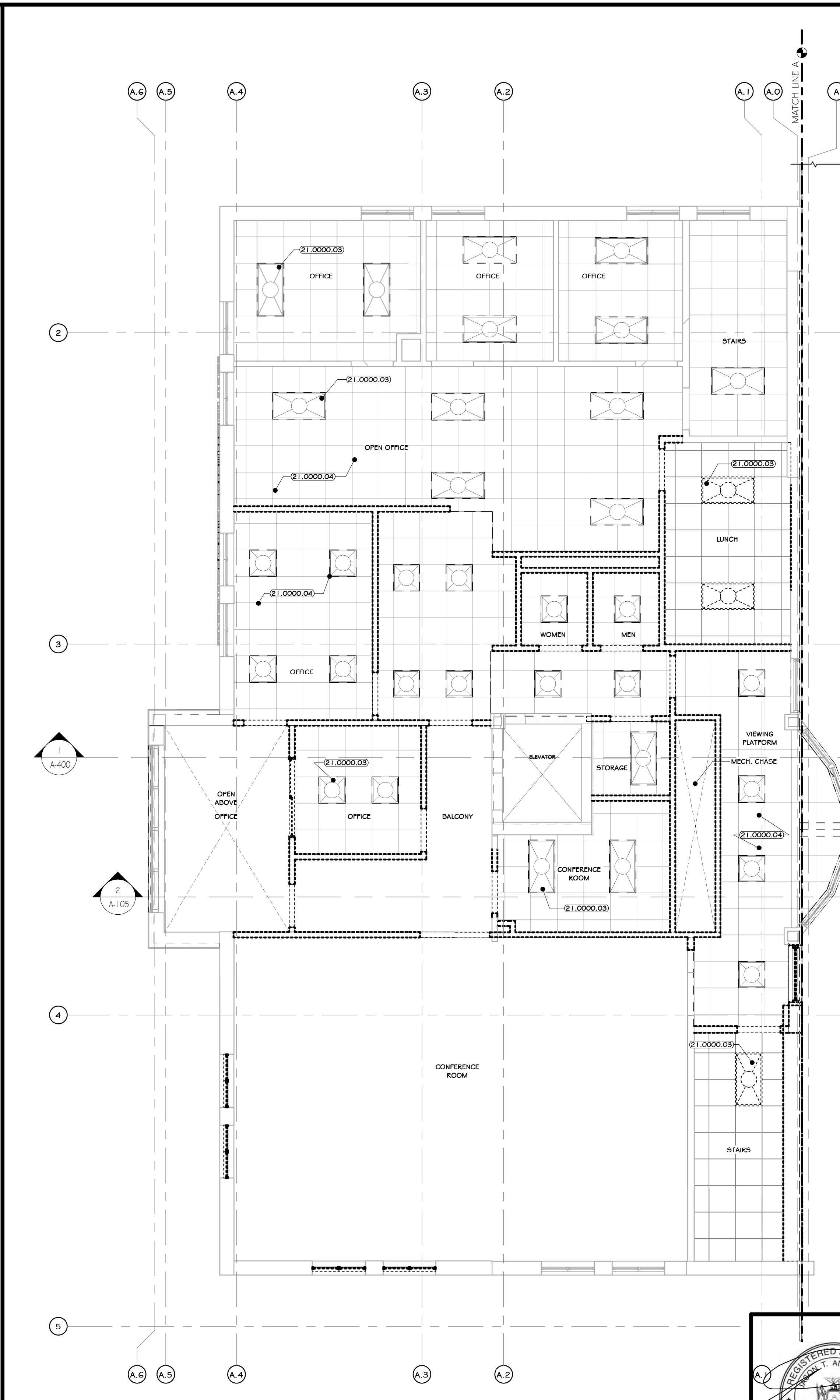


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ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW

NOT FOR CONSTRUCTION



1 FIRST FLOOR REFLECTED CEILING PLAN  
3/16" = 1'-0"



2 SECOND FLOOR REFLECTED CEILING PLAN  
3/16" = 1'-0"

CONSTRUCTION NOTES

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- SEE CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, OR FIRE PROTECTION DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION RELATED TO THOSE RESPECTIVE DISCIPLINES.
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- MAINTAIN AND PROTECT EXISTING BUILDING AREAS AND/OR COMPONENTS TO REMAIN IN SERVICE, BEFORE PROCEEDING WITH AND DURING DEMOLITION.

PROJECT

NORTH

KEY PLAN

AREA OF CONSTRUCTION

**STERLING**  
Sterling Environmental Engineering, P.C.

**martin rogers**  
ENGINEERING CONSULTANTS  
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NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

REFLECTED CLG. DEMO PLANS

REV	DESCRIPTION	DATE	BY
1	ISSUED FOR RFP	07/06/21	BY: CLJ
2	REVISED FOR RFP ADDENDUM 6	07/23/21	BY: CLJ

DRAWN: IDA 07/06/21  
CHECKED: ADG 07/06/21  
DESIGNED: ADG 07/06/21  
APPROVED: ADG 07/06/21  
APPROVED: ADG 07/06/21

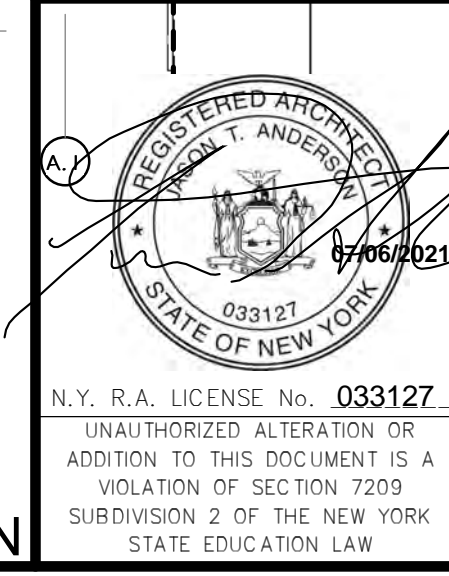
PROJ. No: 499-010  
SCALE: AS SHOWN  
DWG. NO: AD-202  
C.A.D. FILE:  
SHEET SIZE: D-24x36

KEY NOTES

21.0000.03	
21.0000.04	
21.0000.06	

LEGEND

LINE TYPE	DESCRIPTION
---	TO REMAIN
---	TO DEMOLISHED/REMOVED



REGISTERED ARCHITECT  
ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
STATE OF NEW YORK  
033127  
07/06/2021  
N.Y. R.A. LICENSE No. 033127  
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**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Melville, N.Y. 11747  
ph: 631-756-1000  
fax: 631-756-1064

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- MAINTAIN AND PROTECT EXISTING BUILDING AREAS AND/OR COMPONENTS TO REMAIN IN SERVICE, BEFORE PROCEEDING WITH AND DURING DEMOLITION.
- EXISTING EPDM ROOF TO BE REMOVED.
- EXISTING EPDM ROOF MEMBRANE, INSULATION, ROOF HATCHES, AND ROOF CURBS TO BE REMOVED AND REPLACED.
- REMOVE EPDM ROOFING, ALL INSULATION (ASSUME 3" THICK FOR BASE BID), AND PROTECTION BOARD DOWN TO EXISTING METAL ROOF DECK.
- EXISTING ROOF CURBS TO BE REMOVED. SEE NEW ROOF PLAN.
- EXISTING PARAPETS TO REMAIN AROUND ENTIRE ROOF.
- EXISTING COPING TO BE REMOVED AND RECONSTRUCTED AROUND ENTIRE ROOF.
- EXISTING MECHANICAL/PLUMBING/VENTING PENETRATIONS TO REMAIN. REMOVE AND REPLACE FLASHINGS AT CURBS TO ALLOW FOR NEW ROOFING.
- EXISTING GUTTERS TO REMAIN.

**LEGEND**

LINE TYPE	DESCRIPTION
---	LINE OF WALL BELOW
---	LINE OF ROOF EPDM ROOF TO BE REMOVED AND REPLACED

**PROJECT**

**KEY PLAN**

**NORTH**

**STERLING**  
Sterling Environmental Engineering, P.C.

**martin rogers**  
ENGINEERING CONSULTANT  
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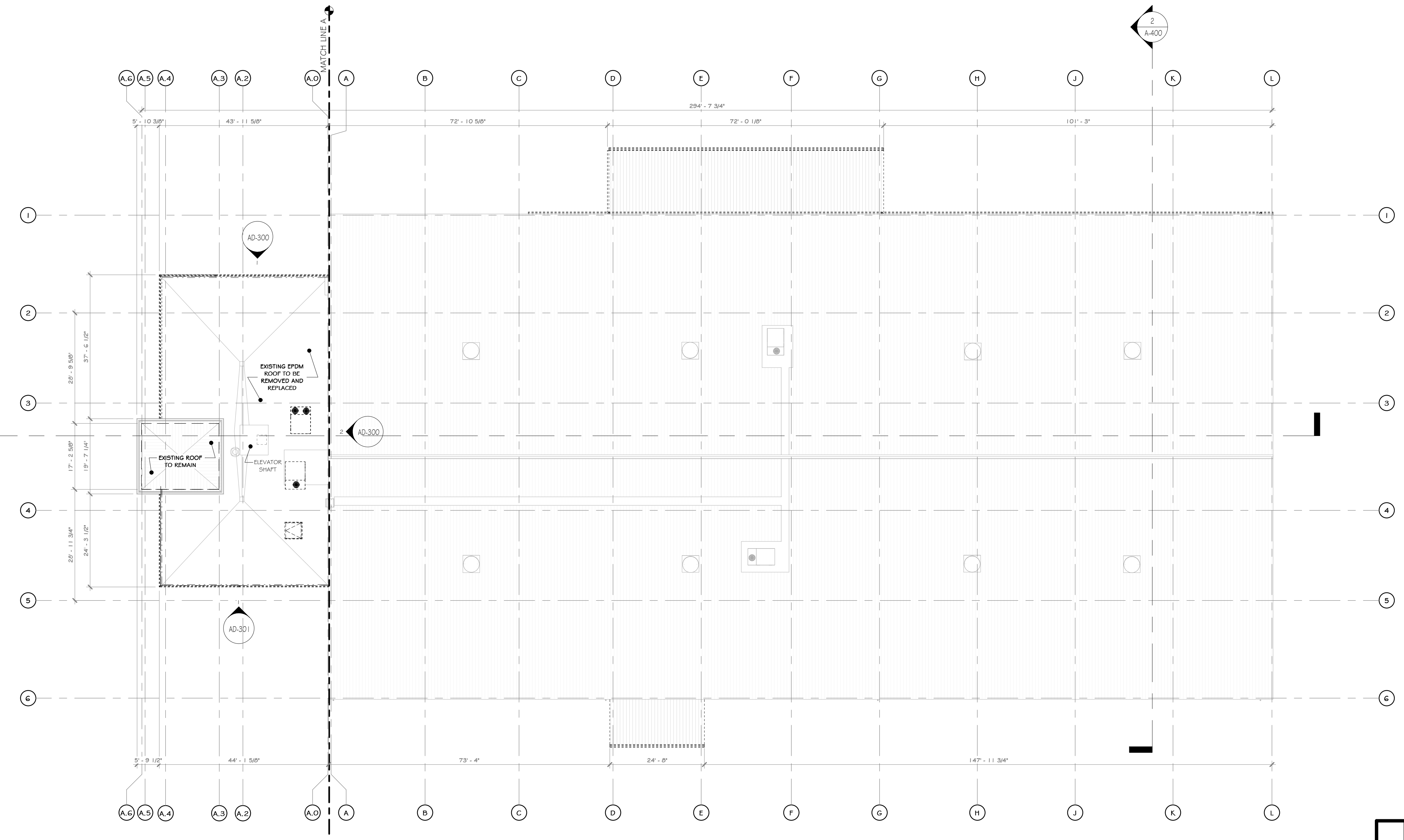
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420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**ROOF DEMO PLAN**

BY	DATE	PROJ. No:	SCALE:
DRAWN	IDEA 07/06/21	499-010	AS SHOWN
CHECKED	ADG 07/06/21	DWG. NO: AD-203	A
DESIGNED	ADG 07/06/21	CAD FILE:	
APPROVED	ADG 07/06/21	SHEET SIZE: D-24x36	REV



**1 ROOF DEMO PLAN**  
1/16" = 1'-0"



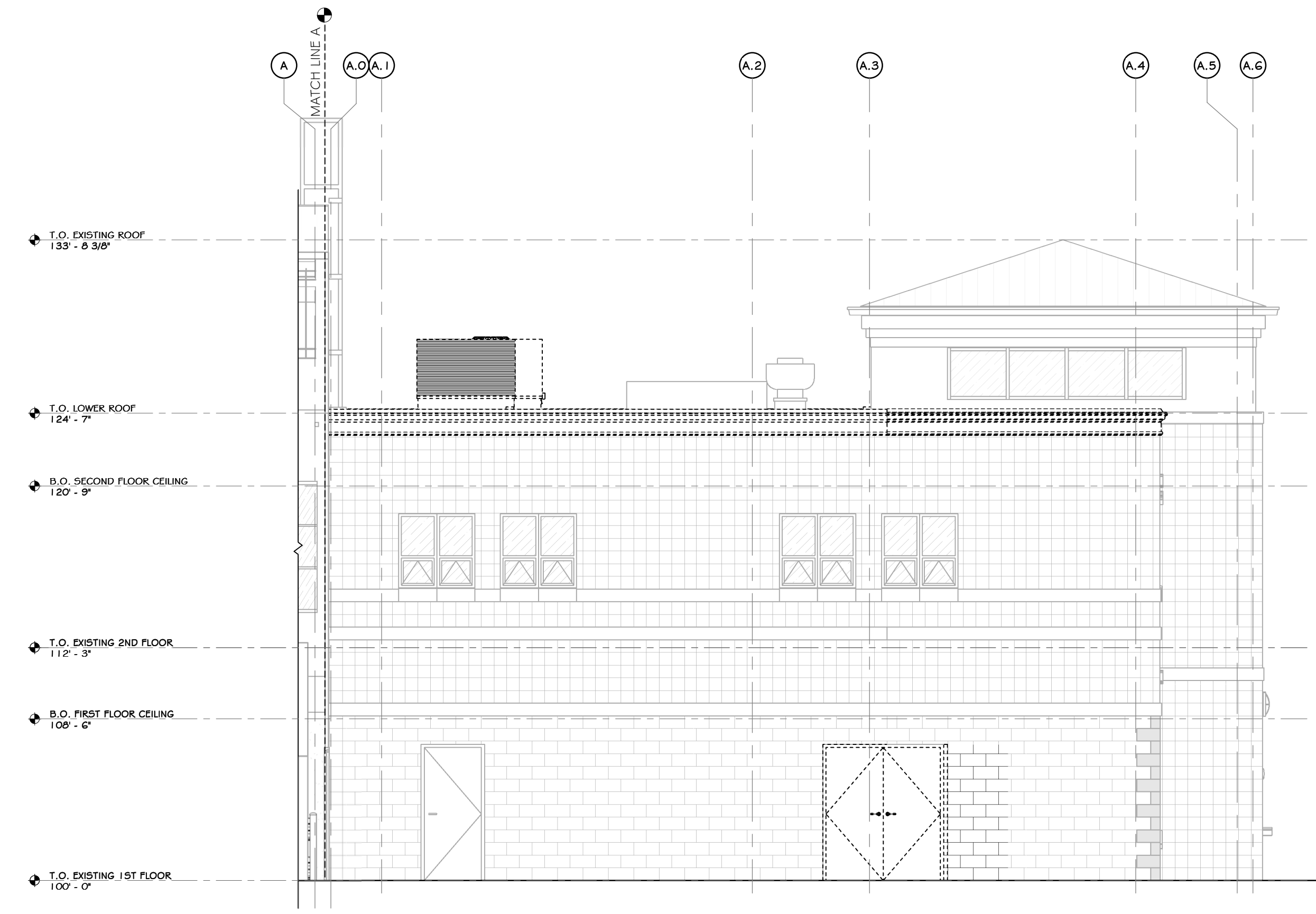
REV	DESCRIPTION	DATE	BY
B	REVISED FOR RFP ADDENDUM 6	07-23-21	BY CLD
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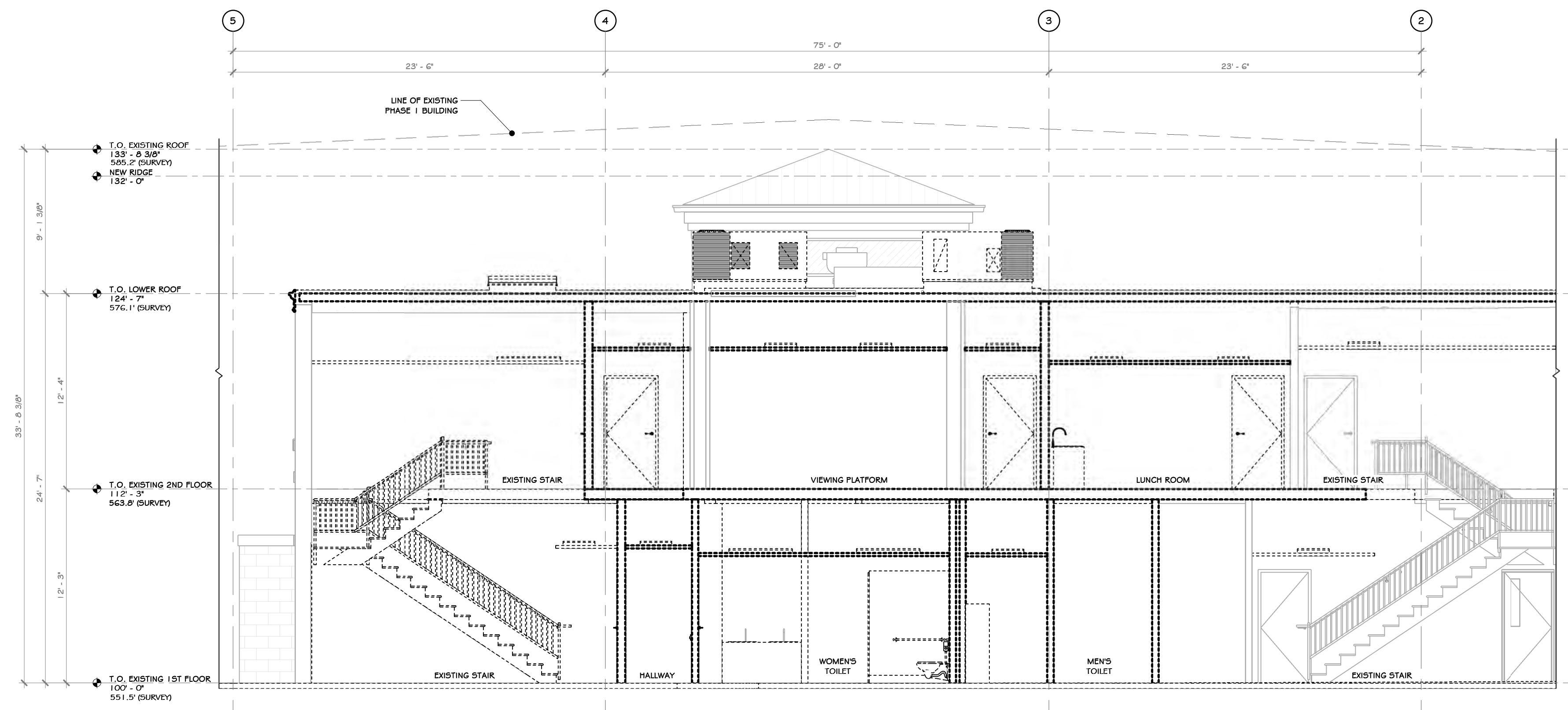
**NOT FOR CONSTRUCTION**

**CONSTRUCTION NOTES** NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING

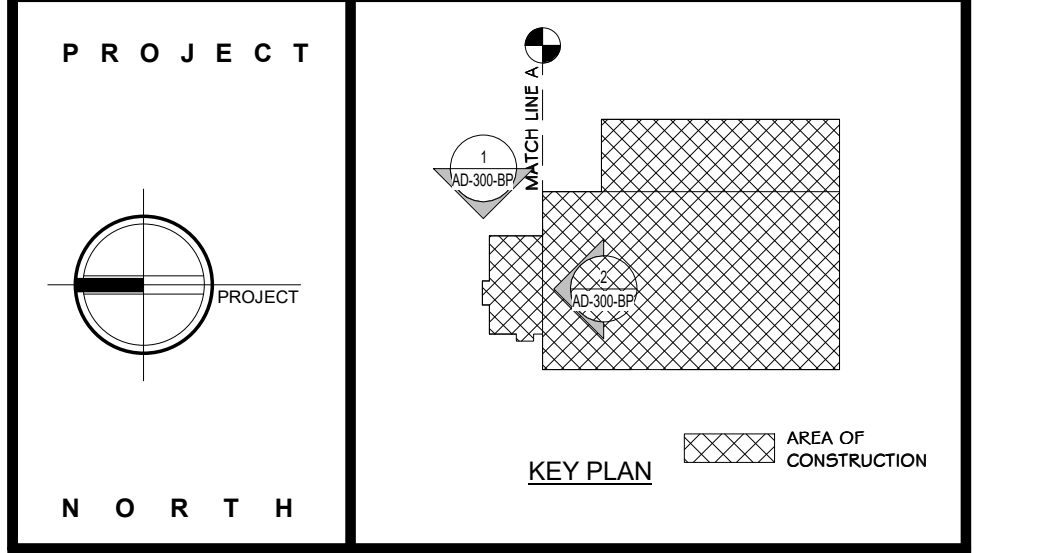
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- LOCATE, IDENTIFY, SHUT OFF, DISCONNECT, AND CAP OFF UTILITY SERVICES TO BE DEMOLISHED.
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- UNLESS OTHERWISE INDICATED, DEMOLISHED MATERIALS BECOME CONTRACTORS PROPERTY. REMOVE FROM PROJECT SITE.
- MAINTAIN AND PROTECT EXISTING BUILDING AREAS AND/OR COMPONENTS TO REMAIN IN SERVICE, BEFORE PROCEEDING WITH AND DURING DEMOLITION.
- EXISTING NORTH / SOUTH / WEST EXTERIOR METAL STUD WALLS TO BE SELECTIVELY REMOVED AS SHOWN. UCLN.
- EXISTING NORTH / SOUTH / WEST EXTERIOR FAÇADE, INCLUDING METAL SIDING, MOISTURE BARRIER AND CAVITY INSULATION TO BE SELECTIVELY REMOVED AS SHOWN. NEW FLASHING, EXPANSION JOINTS, ETC. TO BE INSTALLED.



1 DEMO EAST ELEVATION  
3/16" = 1'-0"



2 DEMO OFFICE SOUTH SECTION  
3/16" = 1'-0"



**STERLING**  
Sterling Environmental Engineering, P.C.

**martin rogers**  
ENGINEERING CONSULTANT  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
1-570-825-1000 | 1-570-825-0888 | www.mrspc.com

**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING INTERIORS

**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

DEMO SOUTH & EAST EXT. ELEVATION

BY	DATE	PROJ. No:	SCALE:
IDEA	07/06/21	499-010	AS SHOWN
DWG. NO:	AD-300		
CAD FILE:			
SHEET SIZE:	D-24x36		



REV	DESCRIPTION	DATE	BY
6	REVISED FOR RFP ADDENDUM 6	07-23-21	
5	ISSUED FOR RFP	07-06-21	
4		07-06-21	
3		07-06-21	
2		07-06-21	
1		07-06-21	

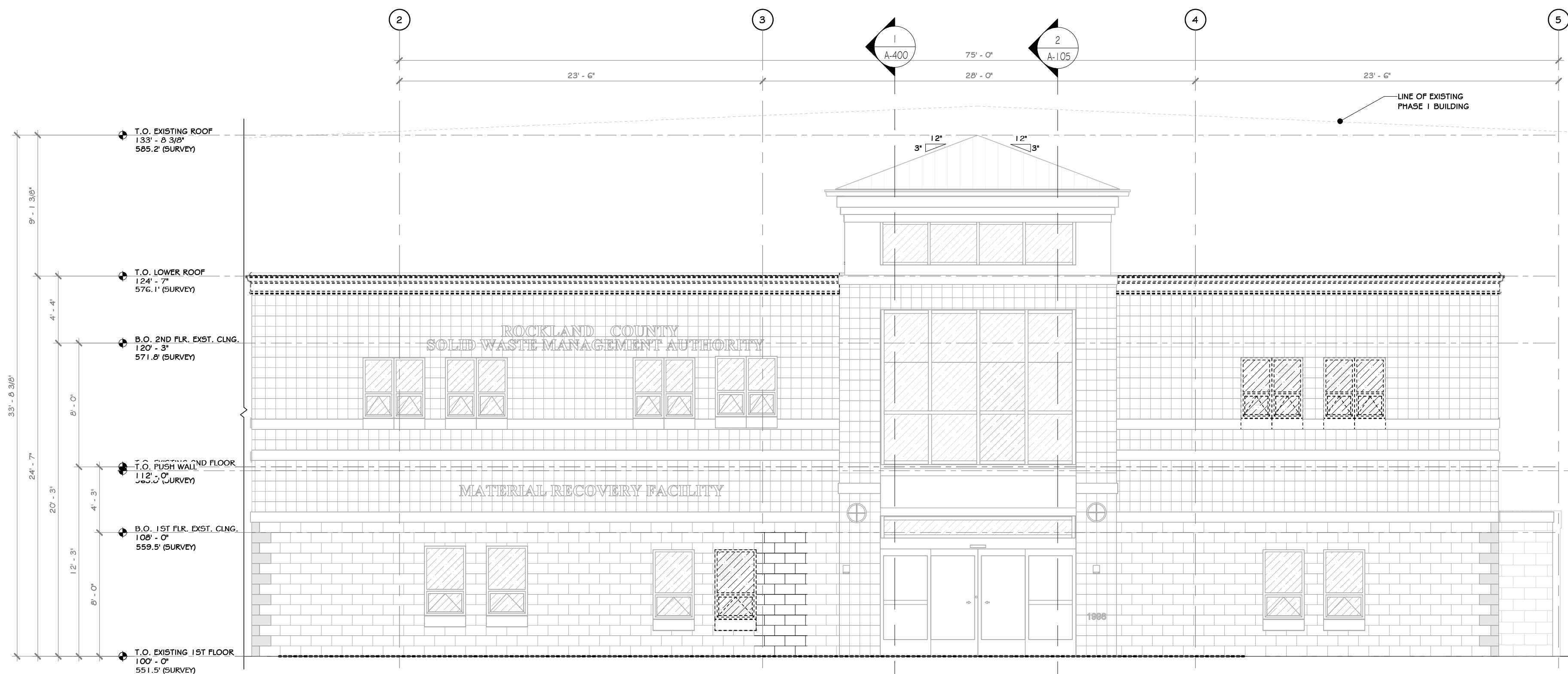
N.Y. R.A. LICENSE No. 033127  
UNAUTHORIZED ALTERATION OR VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW

**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Melville, N.Y. 11747  
ph: 631-756-1000  
fax: 631-756-1064

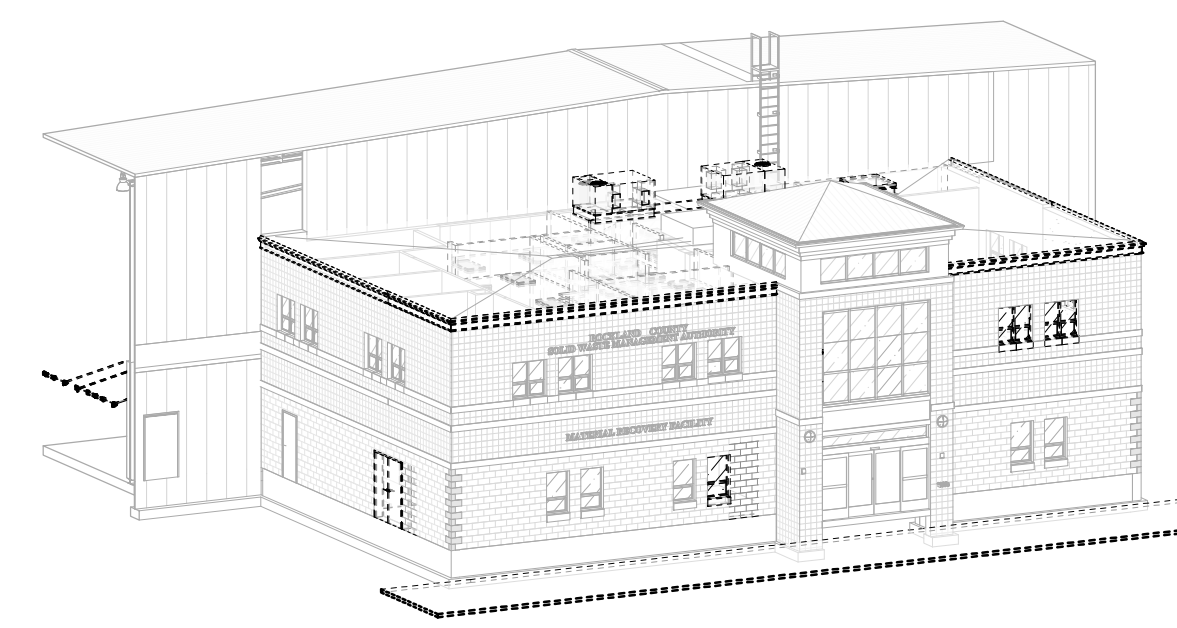
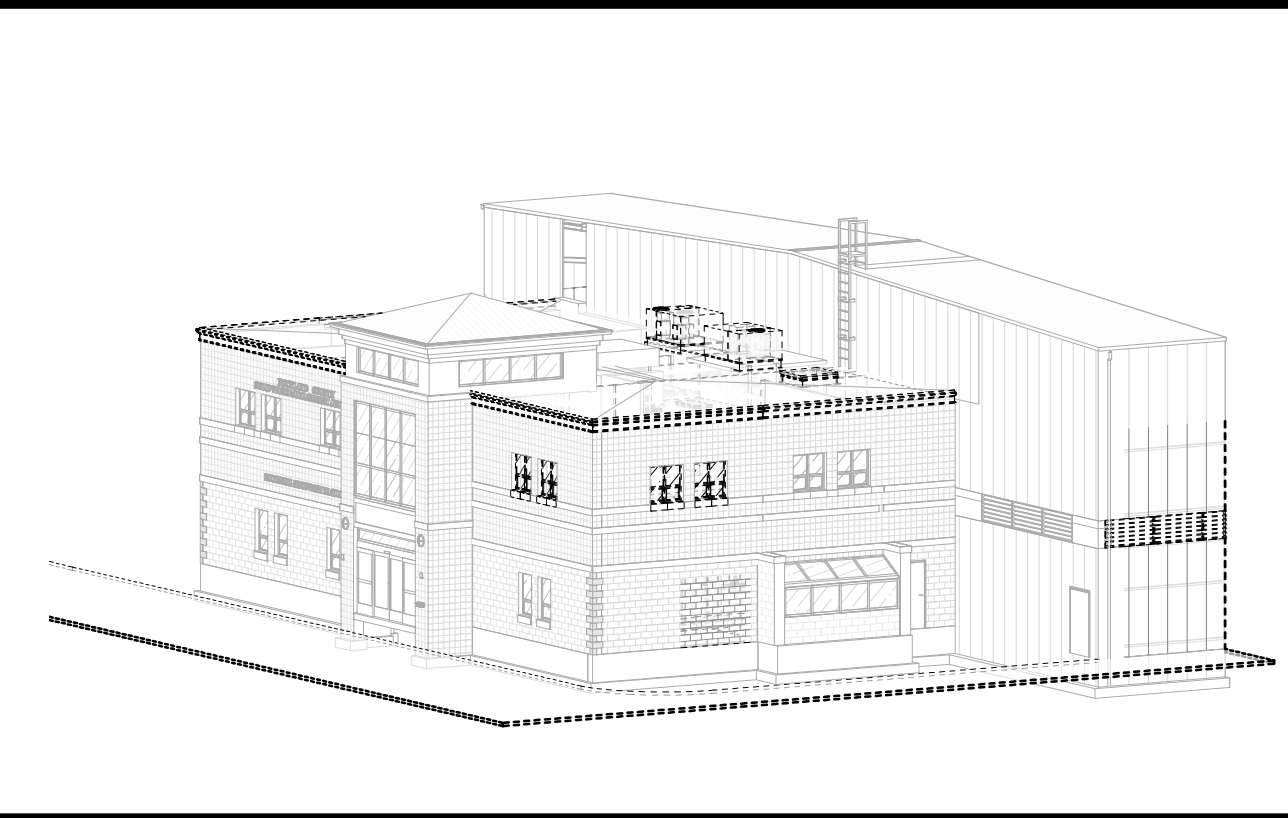
NOT FOR CONSTRUCTION



1 DEMO WEST ELEVATION  
3/16" = 1'-0"



2 DEMO NORTH ELEVATION  
3/16" = 1'-0"



CONSTRUCTION NOTES

- NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING
- IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CONTACT THE ARCHITECT BEFORE PROCEEDING WITH ANY AREA OF WORK THAT MAY BE UNCLEAR OR NOT SPECIFICALLY CALLED OUT ON THIS PLAN. THIS ALSO INCLUDES WORK THAT MAY YET BE UNCOVERED DUE TO THE CURRENT CONDITION OF THE BUILDING OR AREAS THAT ARE UNKNOWN AT PRESENT WITHOUT FURTHER INVESTIGATION/DEMOLITION WORK. IT IS THE RESPONSIBILITY OF THE ARCHITECT/ENGINEER TO REVIEW THESE AREAS IN A TIMELY MANNER, SO THAT AN ACCEPTABLE PLAN OF ACTION CAN BE DRAFTED.
  - DEMOLITION CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE HAZARDOUS MATERIALS REPORT (ASBESTOS, LEAD, ETC.) AND FOR ALL REMEDIATION.
  - IF MATERIALS SUSPECTED OF CONTAINING HAZARDOUS MATERIALS ARE ENCOUNTERED DURING DEMOLITION WORK, DO NOT DISTURB. IMMEDIATELY NOTIFY THE ARCHITECT AND OWNER. A REMOVAL PLAN OF ALL HAZARDOUS MATERIALS WILL THEN BE DRAFTED AND AGREED UPON BY ARCHITECT, GENERAL CONTRACTOR, AND OWNER. THIS PLAN WILL INCLUDE METHODS FOR LOCATING AND REMOVING ALL HAZARDOUS MATERIALS PROPERLY, AND THE APPROPRIATE COMPENSATION FOR SUCH INVESTIGATION AND REMOVAL.
  - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL SHORING (WHERE REQUIRED) IS ADEQUATE TO MAINTAIN STRUCTURAL STABILITY. IF SHORING IS REQUIRED, CONTRACTOR SUBMIT SIGNED AND SEALED SHORING DRAWING FOR REVIEW. NO EXEMPTIONS.
  - SEE CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, OR FIRE PROTECTION DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION RELATED TO THOSE RESPECTIVE DISCIPLINES.
  - MAINTAIN AND PROTECT EXISTING UTILITIES TO REMAIN IN SERVICE BEFORE PROCEEDING WITH DEMOLITION. PROVIDING BYPASS CONNECTIONS TO OTHER PARTS OF THE BUILDING.
  - COMPLY WITH ALL LABOR, HANDING, AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION (BUILDING DEPARTMENT, LOCAL MUNICIPALITY, STATE, EPA, DEC, OSHA, ETC.)
  - CONDUCT DEMOLITION OPERATIONS AND REMOVE DEBRIS TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND SITE IMPROVEMENTS.
  - LOCATE, IDENTIFY, SHUT OFF, DISCONNECT, AND CAP OFF UTILITY SERVICES TO BE DEMOLISHED.
  - PROMPTLY REMOVE DEMOLISHED MATERIALS FROM OWNERS PROPERTY AND LEGALLY DISPOSE OF THEM. DO NOT BURN DEMOLISHED MATERIALS.
  - UNLESS OTHERWISE INDICATED, DEMOLISHED MATERIALS BECOME CONTRACTORS PROPERTY. REMOVE FROM PROJECT SITE.
  - MAINTAIN AND PROTECT EXISTING BUILDING AREAS AND/OR COMPONENTS TO REMAIN IN SERVICE, BEFORE PROCEEDING WITH AND DURING DEMOLITION.
  - EXISTING NORTH / SOUTH / WEST EXTERIOR METAL STUD WALLS TO BE SELECTIVELY REMOVED AS SHOWN. UCLN.
  - EXISTING NORTH / SOUTH / WEST EXTERIOR FAÇADE, INCLUDING METAL SIDING, MOISTURE BARRIER AND CAVITY INSULATION TO BE SELECTIVELY REMOVED AS SHOWN. NEW FLASHING, EXPANSION JOINTS, ETC. TO BE INSTALLED.

LEGEND

LINE TYPE	DESCRIPTION
---	LINE OF TO BE DEMOLISHED/REMOVED

PROJECT

KEY PLAN

AREA OF CONSTRUCTION

**STERLING**  
Sterling Environmental Engineering, P.C.

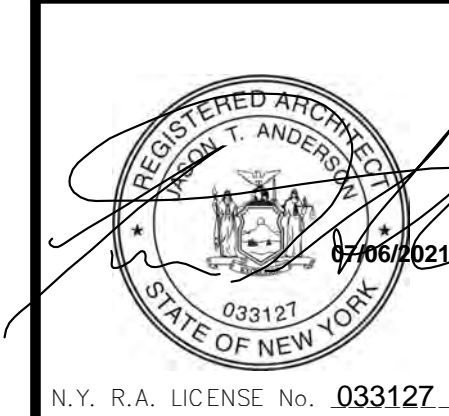
**martin rogers**  
ENGINEERING CONSULTANTS  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
1-570-825-1000 | 1-570-825-0888 | www.mrspc.com

**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING  
INTERIORS

25 WALL LANE • ROCKFORD, NY 13824  
1001 10TH AVENUE • HILLBURN, NY 10931  
WWW.ANDDESIGN.COM CONTACT@ANDDESIGN.COM

**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

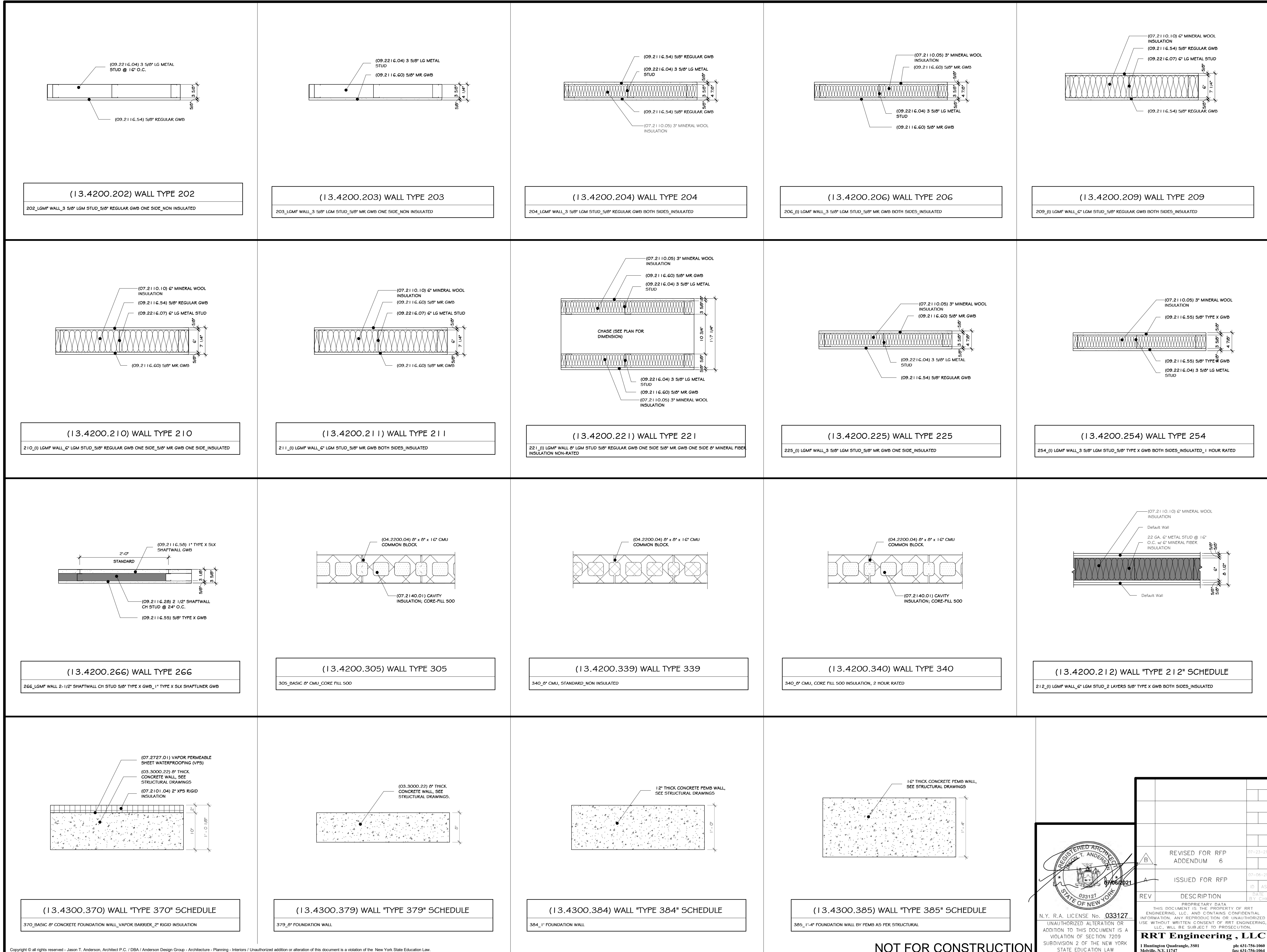
**Rockland Green**  
MATERIALS RECOVERY FACILITY,  
FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931



REVISED FOR RFP ADDENDUM 6	77-25-21
ISSUED FOR RFP	07-06-21
REV DESCRIPTION	07-06-21
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<b>RRT Engineering, LLC</b> <small>1 Huntington Quadrangle, 3501 Nichols, N.Y. 11747</small>	

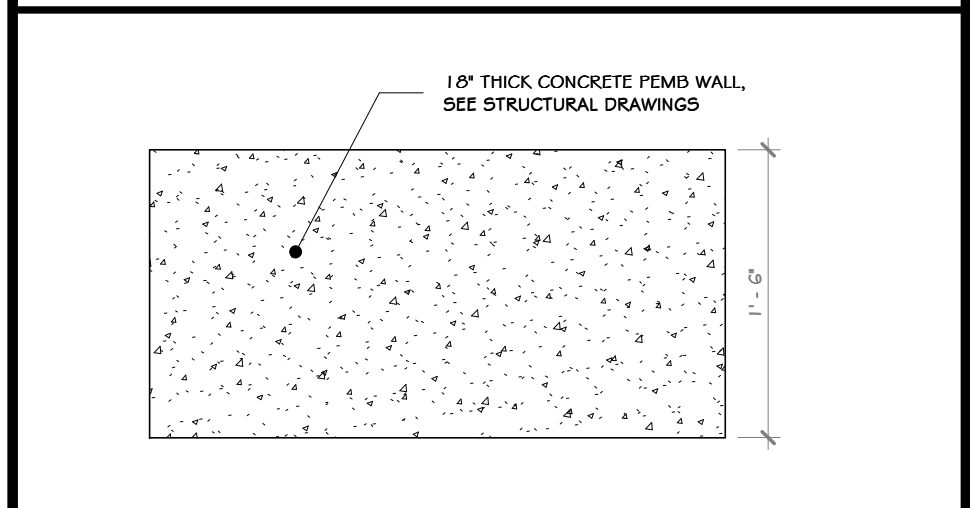
DEMO NORTH & WEST EXT. ELEVATION

DRAWN	IDEA	DATE	07/06/21	PROJ. No:	499-010	SCALE:	AS SHOWN
CHECKED	ADG	DATE	07/06/21	DWG. NO.:	AD-301		A
DESIGNED	ADG	DATE	07/06/21	CAD FILE:			
APPROVED	ADG	DATE	07/06/21	SHEET SIZE:	D-24x36		REV

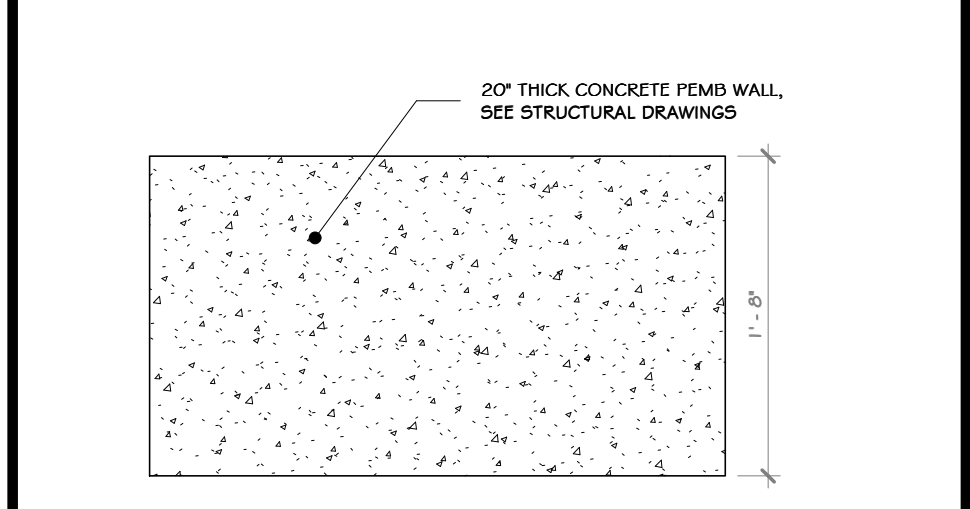


**CONSTRUCTION NOTES** NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING

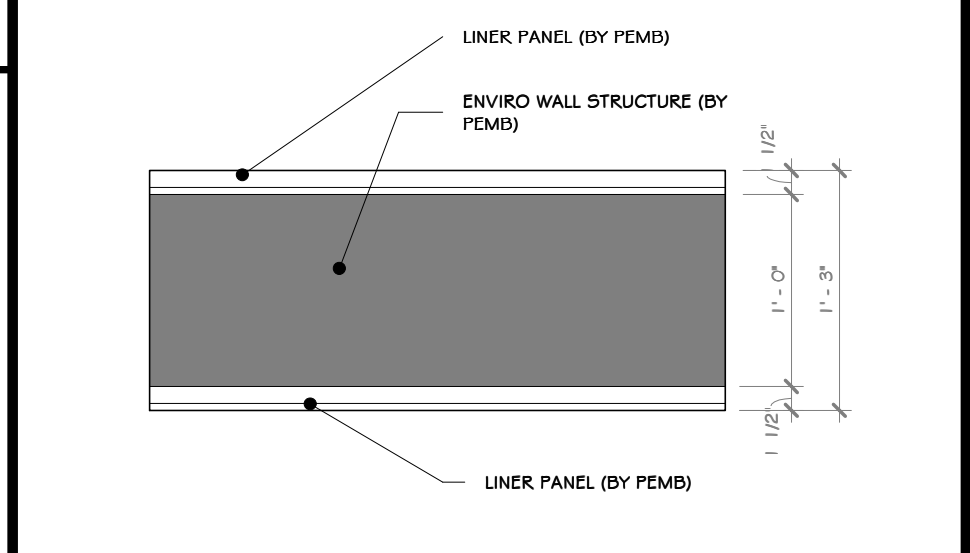
- ALL MTL STUD WALLS- PROVIDE COLD ROLLED CHANNEL @ EV. 4'-0\"/>



(13.4300.386) WALL "TYPE 386" SCHEDULE  
386\_1'-6\"/>



(13.4300.387) WALL "TYPE 387" SCHEDULE  
387\_1'-6\"/>



(13.4300.388) WALL "TYPE 388" SCHEDULE  
388\_ENVIRO WALL (BY FEMB) SEE STRUCTURAL DRAWINGS

**STERLING**  
Sterling Environmental Engineering, P.C.

**martin rogers**  
ENGINEERING CONSULTANT  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
1.570.825.1000 | 1.570.825.0888 | www.mrspc.com

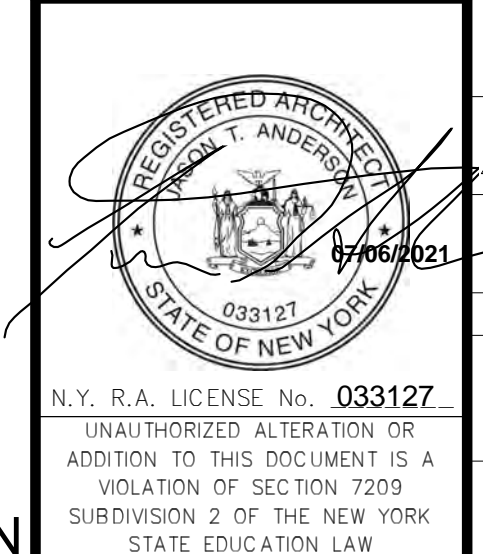
**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING INTERIORS

**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**TYPICAL WALL TYPES**

BY	DATE	PROJ. No:	SCALE:
IDEA	05/21/21	499-010	AS SHOWN
ADG	07/06/21	DWG. NO: A-200	A
ADG	07/06/21	CAD FILE:	
ADG	07/06/21	SHEET SIZE: D-24x36	REV



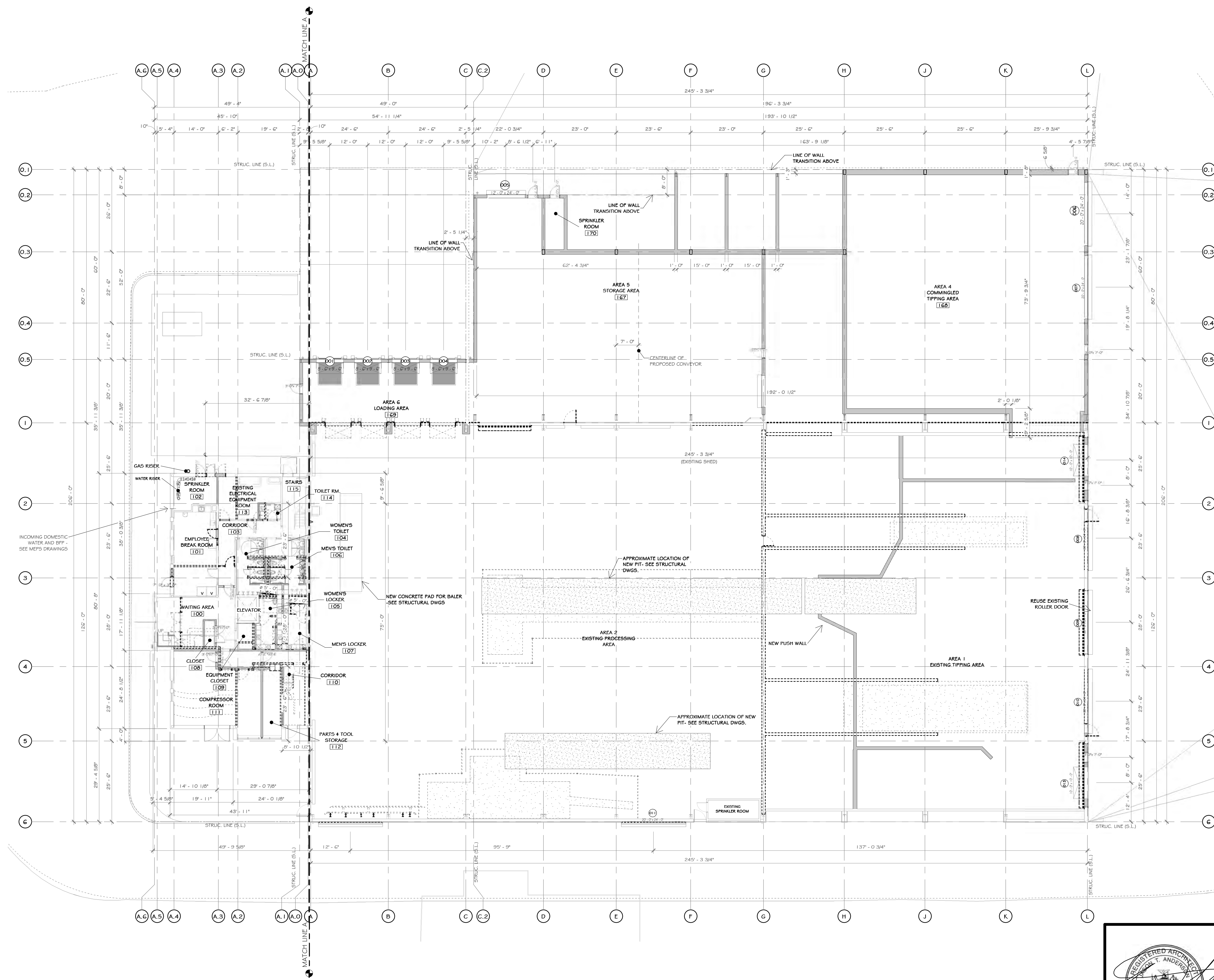
REV	DESCRIPTION	DATE	BY	CHKD
6	REVISED FOR RFP ADDENDUM	07-23-21		
5	ISSUED FOR RFP	07-06-21		

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1 Huntington Quadrangle, 3501  
Melville, N.Y. 11747  
Tel: 631-756-1000 Fax: 631-756-1044

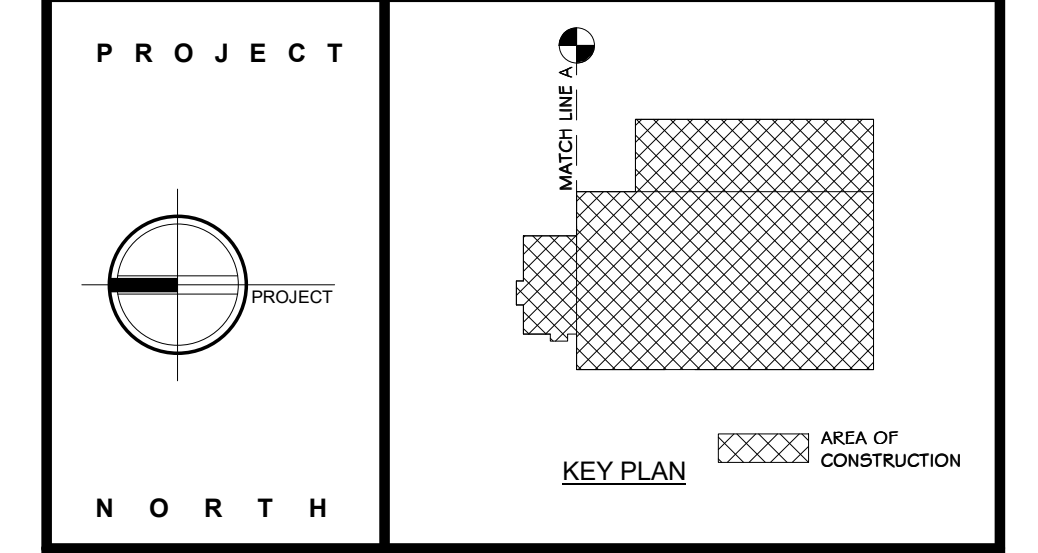
**NOT FOR CONSTRUCTION**





1 FIRST FLOOR OVERLAY PLAN (EXISTING-DEMO-NEW)  
1/16" = 1'-0"

WALL LEGEND	DOOR LEGEND
EXISTING WALL	PERSONNEL DOOR TAG @ FIRST FLOOR LEVEL
DEMOLISH WALL	PERSONNEL DOOR TAG @ SECOND FLOOR LEVEL
MTL. STUD WALL	STOREFRONT DOOR TAG @ FIRST FLOOR LEVEL
CMU WALL	STOREFRONT DOOR TAG @ SECOND FLOOR LEVEL



**STERLING**  
Sterling Environmental Engineering, P.C.

**martinrogers**  
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1.570.826.1000 | 1.570.825.0888 | www.mrspc.com

**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING  
INTERIORS

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NY COA # 0017967

**Rockland Green**

ROCKLAND GREEN  
MATERIALS RECOVERY FACILITY,  
FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

FIRST FLOOR COORDINATED PLAN			
BY	DATE	PROJ. No:	SCALE:
DRAWN	IDEA	07/06/21	499-010
CHECKED	ADG	07/06/21	DWG. No: A-201
DESIGNED	ADG	07/06/21	CAD FILE:
APPROVED	ADG	07/06/21	CAD FILE:
APPROVED	ADG	07/06/21	SHEET SIZE: D-24x36

REGISTERED ARCHITECT  
STATE OF NEW YORK  
033127  
07/06/2021

N.Y. R.A. LICENSE No. 033127

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**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Melville, N.Y. 11747  
ph: 631-756-1069  
fax: 631-756-1064

REV	DESCRIPTION	DATE	BY
B	REVISED FOR RFP ADDENDUM 6	07-23-21	
A	ISSUED FOR RFP	07-06-21	

NOT FOR CONSTRUCTION

CONSTRUCTION NOTES

NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING

KEY NOTES

07.7200.01 BILCO ROOF HATCH 48" X 48"

WALL LEGEND	DOOR LEGEND
EXISTING WALL	PERSONNEL DOOR TAG @ FIRST FLOOR LEVEL
DEMOLISH WALL	STOREFRONT DOOR TAG @ SECOND FLOOR LEVEL
MTL. STUD WALL	PERSONNEL DOOR TAG @ SECOND FLOOR LEVEL
CMU WALL	STOREFRONT DOOR TAG @ FIRST FLOOR LEVEL

**PROJECT**

**NORTH**

**KEY PLAN** AREA OF CONSTRUCTION

**STERLING**  
Sterling Environmental Engineering, P.C.

**martinrogers**  
ENGINEERING CONSULTANT  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18703  
1.70.826.1000 | 1.570.825.0888 | www.mrspc.com

**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING  
INTERIORS  
27 WALL LANE • WILKESBARRE • PA 18703  
610.326.2700 • F 610.326.8442  
WWW.ANDERSONDESIGNGROUP.COM CONTACT@ANDERSONDESIGNGROUP.COM

**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

**Rockland Green** ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**SECOND FLOOR COORDINATED PLAN**

REV	DESCRIPTION	DATE	BY	CHK	APP
07-21-21	REVISED FOR RFP ADDENDUM 6	07-21-21	ADG	ADG	ADG
07-06-21	ISSUED FOR RFP	07-06-21	ADG	ADG	ADG

BY	DATE	PROJ. No:	SCALE:
IDEA	07/06/21	499-010	AS SHOWN
CHECKED	ADG	DWG. NO:	A-202
DESIGNED	ADG	CAD FILE:	
APPROVED	ADG	SHEET SIZE:	D-24x36
APPROVED			REV



N.Y. R.A. LICENSE No. 033127  
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1 Huntington Quadrangle, 3501  
Melville, N.Y. 11747  
ph: 631-756-1060  
fax: 631-756-1064

NOT FOR CONSTRUCTION

1 SECOND FLOOR OVERLAY PLAN (EXISTING-DEMO-NEW)  
1/16" = 1'-0"

**CONSTRUCTION NOTES** NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING.

1. ALL DIMENSIONS ARE TO ROUGH FRAMING.
2. NOTE: NOT ALL CONSTRUCTION NOTES MAY BE SPECIFIC TO THIS DRAWING.
3. NOTE: F.F. ELEVATION: 551.5' ON CIVIL DWGS. = F.F. ELEV. 100'-0" ON ARCH., STRUC., & MEP DWGS.
4. F.F. ELEVATIONS:
  - a. OFFICE FIRST FLOOR: 100'-0"
  - b. INDUSTRIAL MAIN FLOOR: 100'-0"
  - c. OFFICE SECOND FLOOR: 112'-3"
5. GENERAL CONTRACTOR TO VERIFY ALL ROUGH OPENING SIZES WITH RESPECTIVE MANUFACTURERS. (BOOK/WHOLESALE/SET/ETC.) PRIOR TO ORDERING AND LAYING OUT CONCRETE OPENINGS, STUD FRAMING, ORDERING FEMBS, ETC.
6. GENERAL CONTRACTOR TO VERIFY ALL ROUGH OPENING SIZES WITH RESPECTIVE MANUFACTURERS. (BOOK/WHOLESALE/SET/ETC.) PRIOR TO ORDERING AND LAYING OUT CONCRETE OPENINGS, STUD FRAMING, ORDERING FEMBS, ETC.
7. GENERAL CONTRACTOR TO VERIFY ALL ROUGH OPENING SIZES WITH RESPECTIVE MANUFACTURERS. (BOOK/WHOLESALE/SET/ETC.) PRIOR TO ORDERING AND LAYING OUT CONCRETE OPENINGS, STUD FRAMING, ORDERING FEMBS, ETC.
8. GENERAL CONTRACTOR TO VERIFY ALL ROUGH OPENING SIZES WITH RESPECTIVE MANUFACTURERS. (BOOK/WHOLESALE/SET/ETC.) PRIOR TO ORDERING AND LAYING OUT CONCRETE OPENINGS, STUD FRAMING, ORDERING FEMBS, ETC.
9. GENERAL CONTRACTOR TO VERIFY ALL ROUGH OPENING SIZES WITH RESPECTIVE MANUFACTURERS. (BOOK/WHOLESALE/SET/ETC.) PRIOR TO ORDERING AND LAYING OUT CONCRETE OPENINGS, STUD FRAMING, ORDERING FEMBS, ETC.
10. GENERAL CONTRACTOR TO VERIFY ALL ROUGH OPENING SIZES WITH RESPECTIVE MANUFACTURERS. (BOOK/WHOLESALE/SET/ETC.) PRIOR TO ORDERING AND LAYING OUT CONCRETE OPENINGS, STUD FRAMING, ORDERING FEMBS, ETC.
11. GENERAL CONTRACTOR TO VERIFY ALL ROUGH OPENING SIZES WITH RESPECTIVE MANUFACTURERS. (BOOK/WHOLESALE/SET/ETC.) PRIOR TO ORDERING AND LAYING OUT CONCRETE OPENINGS, STUD FRAMING, ORDERING FEMBS, ETC.
12. GENERAL CONTRACTOR TO VERIFY ALL ROUGH OPENING SIZES WITH RESPECTIVE MANUFACTURERS. (BOOK/WHOLESALE/SET/ETC.) PRIOR TO ORDERING AND LAYING OUT CONCRETE OPENINGS, STUD FRAMING, ORDERING FEMBS, ETC.
13. GENERAL CONTRACTOR TO VERIFY ALL ROUGH OPENING SIZES WITH RESPECTIVE MANUFACTURERS. (BOOK/WHOLESALE/SET/ETC.) PRIOR TO ORDERING AND LAYING OUT CONCRETE OPENINGS, STUD FRAMING, ORDERING FEMBS, ETC.
14. GENERAL CONTRACTOR TO VERIFY ALL ROUGH OPENING SIZES WITH RESPECTIVE MANUFACTURERS. (BOOK/WHOLESALE/SET/ETC.) PRIOR TO ORDERING AND LAYING OUT CONCRETE OPENINGS, STUD FRAMING, ORDERING FEMBS, ETC.
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16. GENERAL CONTRACTOR TO VERIFY ALL ROUGH OPENING SIZES WITH RESPECTIVE MANUFACTURERS. (BOOK/WHOLESALE/SET/ETC.) PRIOR TO ORDERING AND LAYING OUT CONCRETE OPENINGS, STUD FRAMING, ORDERING FEMBS, ETC.
17. GENERAL CONTRACTOR TO VERIFY ALL ROUGH OPENING SIZES WITH RESPECTIVE MANUFACTURERS. (BOOK/WHOLESALE/SET/ETC.) PRIOR TO ORDERING AND LAYING OUT CONCRETE OPENINGS, STUD FRAMING, ORDERING FEMBS, ETC.
18. GENERAL CONTRACTOR TO VERIFY ALL ROUGH OPENING SIZES WITH RESPECTIVE MANUFACTURERS. (BOOK/WHOLESALE/SET/ETC.) PRIOR TO ORDERING AND LAYING OUT CONCRETE OPENINGS, STUD FRAMING, ORDERING FEMBS, ETC.
19. GENERAL CONTRACTOR TO VERIFY ALL ROUGH OPENING SIZES WITH RESPECTIVE MANUFACTURERS. (BOOK/WHOLESALE/SET/ETC.) PRIOR TO ORDERING AND LAYING OUT CONCRETE OPENINGS, STUD FRAMING, ORDERING FEMBS, ETC.
20. GENERAL CONTRACTOR TO VERIFY ALL ROUGH OPENING SIZES WITH RESPECTIVE MANUFACTURERS. (BOOK/WHOLESALE/SET/ETC.) PRIOR TO ORDERING AND LAYING OUT CONCRETE OPENINGS, STUD FRAMING, ORDERING FEMBS, ETC.
21. GENERAL CONTRACTOR TO VERIFY ALL ROUGH OPENING SIZES WITH RESPECTIVE MANUFACTURERS. (BOOK/WHOLESALE/SET/ETC.) PRIOR TO ORDERING AND LAYING OUT CONCRETE OPENINGS, STUD FRAMING, ORDERING FEMBS, ETC.
22. GENERAL CONTRACTOR TO VERIFY ALL ROUGH OPENING SIZES WITH RESPECTIVE MANUFACTURERS. (BOOK/WHOLESALE/SET/ETC.) PRIOR TO ORDERING AND LAYING OUT CONCRETE OPENINGS, STUD FRAMING, ORDERING FEMBS, ETC.
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25. GENERAL CONTRACTOR TO VERIFY ALL ROUGH OPENING SIZES WITH RESPECTIVE MANUFACTURERS. (BOOK/WHOLESALE/SET/ETC.) PRIOR TO ORDERING AND LAYING OUT CONCRETE OPENINGS, STUD FRAMING, ORDERING FEMBS, ETC.
26. GENERAL CONTRACTOR TO VERIFY ALL ROUGH OPENING SIZES WITH RESPECTIVE MANUFACTURERS. (BOOK/WHOLESALE/SET/ETC.) PRIOR TO ORDERING AND LAYING OUT CONCRETE OPENINGS, STUD FRAMING, ORDERING FEMBS, ETC.

**KEY NOTES**

- 05.5000.03 1/2" O.D. BOLLARD, PAINTED SAFETY YELLOW, FILLED WITH CONCRETE WITH A 3/4" CROWN.
- 06.1131.01 1/2" O.D. BOLLARD, PAINTED SAFETY YELLOW, FILLED WITH CONCRETE WITH A 3/4" CROWN.
- 06.3322.02 MODEL 800 ROLLING SERVICE DOOR, EXTERIOR SECTIONAL.
- 06.3613.01 WAYNE DALTON THERMOSPAN 200 INSULATED SECTIONAL OVERHEAD STEEL DOORS.
- 11.1318.01 SERIES 1000 PIVOT UNIT FRAME DOOR SEALS.
- 11.1318.01 MECHANICAL DOOR ELEVATOR MODEL MDS-6 6'0" FEET BY 6'0" FEET (1829 MM BY 2438 MM).
- 11.1365.00 DOOR DOOR SEAL ELITE SERIES ADJUSTABLE INFLATABLE AS MANUFACTURED BY BLUE GIANIT.

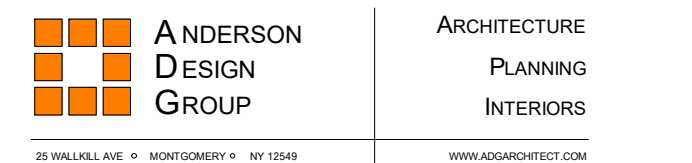
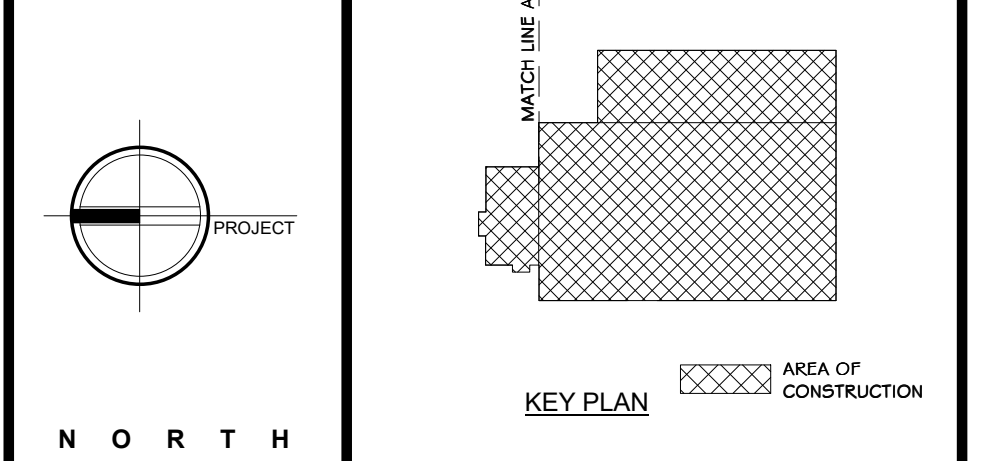
**WALL LEGEND**

- EXISTING WALL
- DEMOLISH WALL
- MFL STUD WALL
- CMU WALL

**DOOR LEGEND**

- PERSONAL DOOR TAG @ FIRST FLOOR LEVEL
- PERSONAL DOOR TAG @ SECOND FLOOR LEVEL
- STOREFRONT DOOR TAG @ FIRST FLOOR LEVEL
- STOREFRONT DOOR TAG @ SECOND FLOOR LEVEL

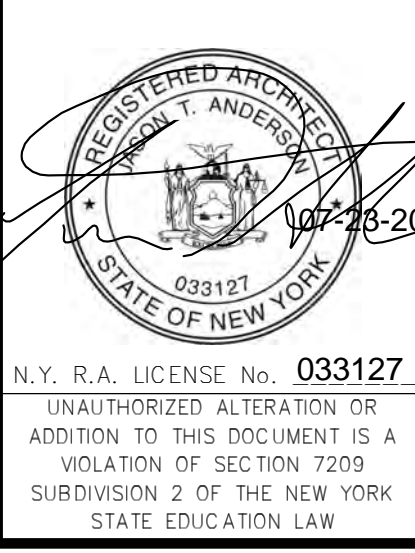
**PROJECT**



**ROCKLAND GREEN**  
MATERIALS RECOVERY FACILITY,  
FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

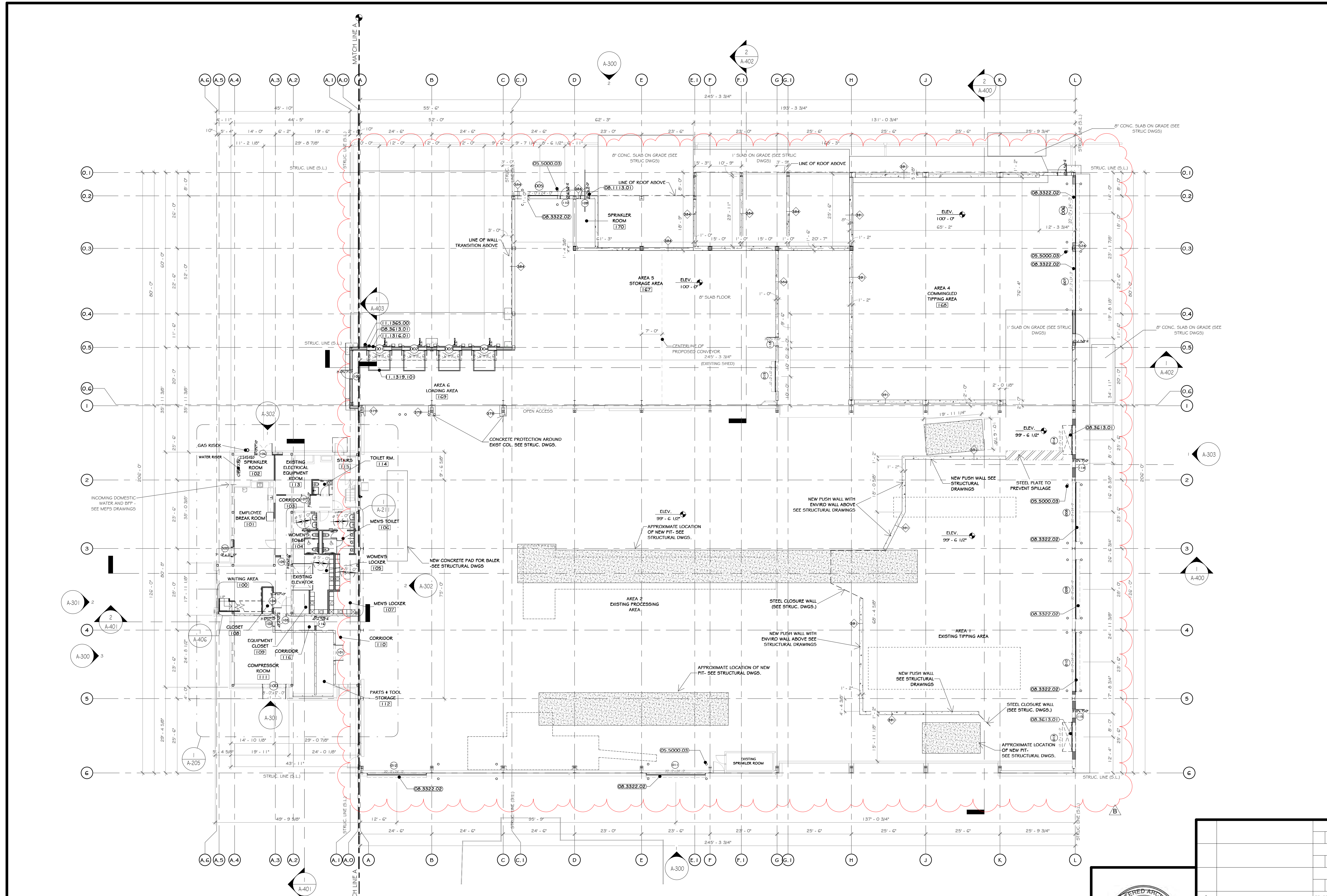
**OVERALL FIRST FLOOR PLAN**

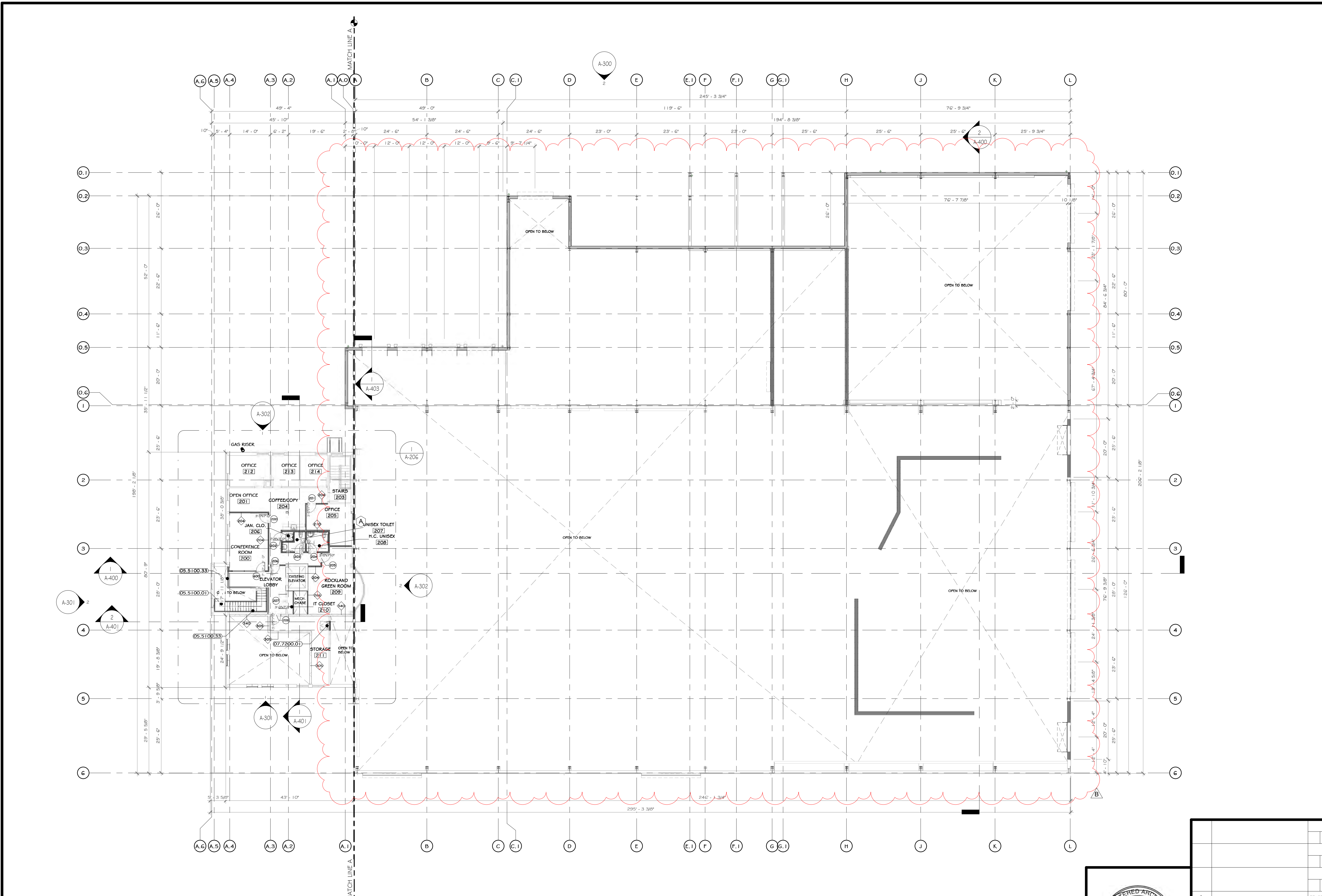
BY	DATE	PROJ. No:	499-010	SCALE:	AS SHOWN
DRAWN	IDEA	07/08/21			
CHECKED	ADC	07/08/21	DWG. NO:	A-203	A
DESIGNED	ADC	07/08/21	CAD FILE:		
APPROVED	ADC	07/08/21	SHEET SIZE:	D-24x36	REV



REVISED FOR RFP ADDENDUM # 6	07-23-21
ISSUED FOR RFP	07-06-21
DESCRIPTION	07-23-2021
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<b>RRT Engineering, LLC</b> 1 Huntington Quadrangle, 3501 Melville, N.Y. 11747	ph: 631-756-1060 fax: 631-756-1064

**OVERALL FIRST FLOOR PLAN**  
1/16" = 1'-0"





I OVERALL SECOND FLOOR PLAN  
1/16" = 1'-0"

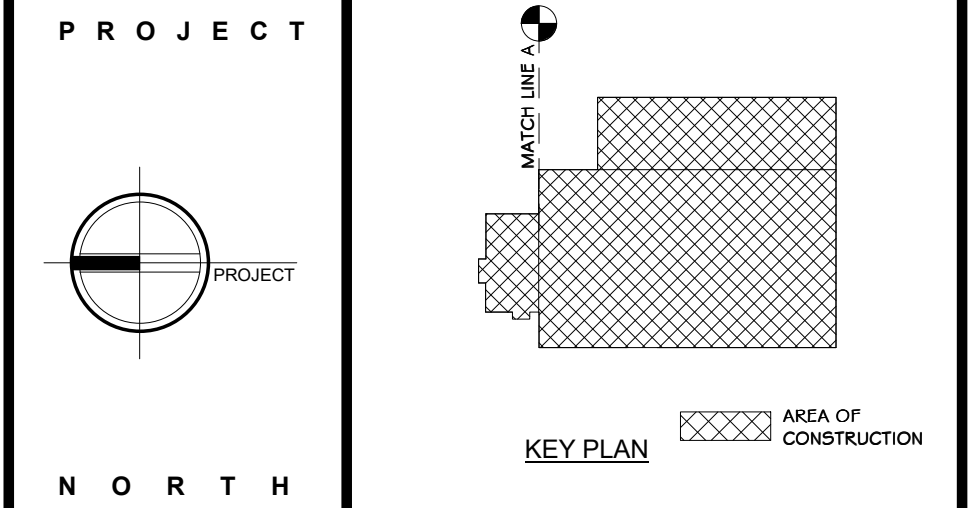
**CONSTRUCTION NOTES**

1. ALL DIMENSIONS ARE TO ROUGH FRAMING.
2. NOTE: NOT ALL CONSTRUCTION NOTES MAY BE SPECIFIC TO THIS DRAWING.
3. NOTE: F.F. ELEVATION 551.5' ON CIVIL DWGS. = F.F. ELEV. 100'-0" ON ARCH., STRUCT., & MEP DWGS.
4. F.F. ELEVATIONS:
  - a. MAIN FLOOR: 100'-0"
  - b. SECOND FLOOR: 112'-0"
5. GENERAL CONTRACTOR TO VERIFY ALL ROUGH OPENING SIZES WITH RESPECTIVE MANUFACTURERS (DOOR/WINDOW/CLIMATE ETC.) PRIOR TO ORDERING AND LAYING OUT CONCRETE OPENINGS, STUD FRAMING, ORDERING FRAM, ETC.
6. SEE LIFT SAFETY PLANS FOR LOCATIONS OF FIRE EXTINGUISHERS. GC TO CONSULT WITH LOCAL AFD, PRIOR TO CO INSPECTION, TO CONFIRM ACCEPTANCE OF LOCATIONS BY FIRE MARSHAL. FIRE EXTINGUISHER CABINETS TO BE PROVIDED AT ALL FINISHED OFFICE SPACES AND WALL MOUNTED EXPOSED FIRE EXTINGUISHERS AT ALL OTHER LOCATIONS. PROVIDE OPENING AND BLOCKING WITHIN FRAMING FOR WALL CABINETS AND MOUNTING HARDWARE.
7. GENERAL LOCATION OF IN-SLAB EQUIPMENT FITS - SEE STRUCTURAL AND EQUIPMENT DRAWINGS. EXISTING NORTH / EAST WEST EXTERIOR CMU TO REMAIN UNCHANGED EXISTING STRUCTURE TO REMAIN EXCEPT WHERE NOTED.
8. FIRE EXTINGUISHER LOCATIONS MOUNTED TO INTERIOR BUILDING COLUMNS WITHIN INDUSTRIAL AREAS ARE TO BE IDENTIFIED BY PAINTING EACH RESPECTIVE COLUMN RED, FROM FF (ELEV. 100') UP TO 5'-0" BELOW THE TOP OF THE COLUMN.
9. CLEARANCE ENVELOPE IS AN AREA DEDICATED TO EQUIPMENT AND CLEARANCES REQUIRED FOR ANY VEHICLES OR EQUIPMENT TO PASS THROUGH. UNLESS OTHERWISE NOTED, NO STRUCTURAL, MECHANICAL, ELECTRICAL OR ARCHITECTURAL ASPECTS OF THE BUILDING (INCLUDING BUT NOT LIMITED TO FIRE PROTECTION, SMOKE SCREENS, DRAFT CURTAINS, ELECTRICAL CONDUIT, OVERHEAD DOORS AND TRACKS, ETC.) SHALL BE ABOVE OR OUTSIDE THE REQUIRED LIMITS AS INDICATED BY THE CLEARANCE ENVELOPE SHOWN ON THE DRAWINGS.
10. CLEARANCE ENVELOPE WITHIN INDUSTRIAL TIPPING AREAS / ROOMS (100, 101, ETC.): A 54'-0" CLEAR ENVELOPE HEIGHT MUST BE MAINTAINED. NOTHING IS PERMITTED TO HANG OR BE MOUNTED BELOW THESE HEIGHTS IN THESE RESPECTIVE AREAS.
11. NOTE UTILITIES, PIPING, FIRE EXTINGUISHERS, CONDUIT, OUTLETS, ETC. ARE NOT PERMITTED TO BE MOUNTED TO CONCRETE FINISH WALLS.
12. COLUMN LINES A, C, I, I AND G REPRESENT THE OUTSIDE EDGE OF PEMB STEEL ILS=STRUCTURE LINE.
13. ALL OVERHEAD DOORS ARE SHOWN WITH THEIR OPEN POSITION DASHED IN ABOVE. NO SIGNAGE OR LIGHTING IS TO BE MOUNTED TO AS TO INTERFERE WITH DOOR OPERATION. ALL MEP SYSTEMS, INCLUDING THOSE MOUNTED AT THE CEILING ABOVE, ARE TO BE MOUNTED BETWEEN DOORS.
14. EXISTING EXTERIOR FACADE IS TO BE POWER WASHED.
15. STRUCTURAL DETAILS AND SPECIFICATIONS OF ANY FRAMING MEMBERS, BRACINGS, ETC. SUPERSEDE THE ARCHITECTURAL DRAWINGS.
16. PEMB MANUFACTURER: REVIEW ALL ASME/FPF BUILDING DRAWINGS AND NOTE ALL OPENINGS, ROOF MOUNTED EQUIPMENT, SIDE WALL MOUNTED EQUIPMENT / LOUVERS, LIGHT FIXTURE LOCATIONS, SYSTEM EQUIPMENT, ETC.
17. MODULAR FURNITURE, CONFERENCE TABLES, AND RECEPTION DESK SHOWN ON A-300 FURNITURE DRAWINGS.
18. SEE ASAO DRAWINGS FOR INTERIOR ELEVATIONS, DETAILS, DIMENSIONS, AND MOUNTING HEIGHTS OF MILLWORK AND COUNTERTOPS.
19. SEE STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, AND ITAV DRAWINGS AND SPECIFICATIONS FOR COORDINATION OF ALL RELATED ITEMS.
20. FIRE ALARMS TO BE COORDINATED WITH OWNER AND THEIR EXISTING OFFICE BUILDING. SEE ELECTRICAL DRAWINGS AND SPECIFICATIONS.
21. SEE CIVIL DRAWINGS AND SPECIFICATIONS FOR ALL SITE IMPROVEMENTS AND INCOMING UTILITIES BEYOND 5'-0" OUTSIDE OF THE BUILDING FOOTPRINT.
22. MIN. 5' X 5' INTERVIEWS AREA REQUIRED AT EACH EXIT DOOR. G.C. TO PROVIDE EXTERIOR CONCRETE PADS IF ASPHALT IS NOT PROVIDED FOR ON CIVIL DRAWINGS. SEE STRUCTURAL AND CIVIL DRAWINGS AND SPECIFICATIONS.
23. FOUR EMPTY 2" CONDUIT WITH FULL TAPE TO BE PROVIDED FROM THE ELECTRICAL ROOM TO THE LOADING DOOR DOORS, BELOW SLAB. SEE STRUCTURAL DRAWINGS.
24. EQUIPMENT DRAWINGS ARE TO BE PROVIDED BY OWNER UNDER SEPARATE COVER DIRECTLY BY THE OWNER. GC TO MAINTAIN A CLEAR ENVELOPE FOR EQUIPMENT. ONCE EQUIPMENT DRAWINGS ARE RELEASED, CHANGES MAY BE MADE TO LIFE SAFETY COMPONENTS SO AS TO BE COORDINATED WITH EQUIPMENT LAYOUT AND COMPLY WITH ALL APPLICABLE LOCAL AND STATE CODES.

**KEY NOTES**

- 05.5100.01 METAL PAN STAIRS WITH CONCRETE INFILL.
- 05.5100.33 FABRICATED FIRE RAIL WITH VERTICAL BALUSTERS.
- 07.7200.01 BILCO ROOF HATCH 48" X 48"

WALL LEGEND	DOOR LEGEND
EXISTING WALL	PERSONNEL DOOR TAG @ FIRST FLOOR LEVEL
DEMOLISH WALL	PERSONNEL DOOR TAG @ SECOND FLOOR LEVEL
MTL STUD WALL	STOREFRONT DOOR TAG @ FIRST FLOOR LEVEL
CMU WALL	STOREFRONT DOOR TAG @ SECOND FLOOR LEVEL



**STERLING**  
Sterling Environmental Engineering, P.C.

**martinrogers**  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18703  
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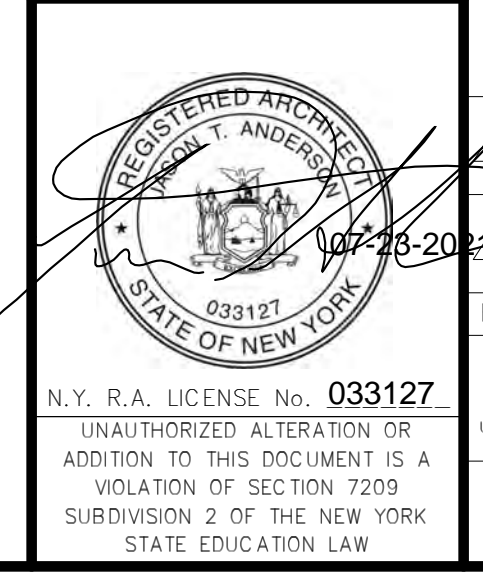
**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING  
INTERIORS

**RRT Engineering, LLC**  
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NY COA # 0017967

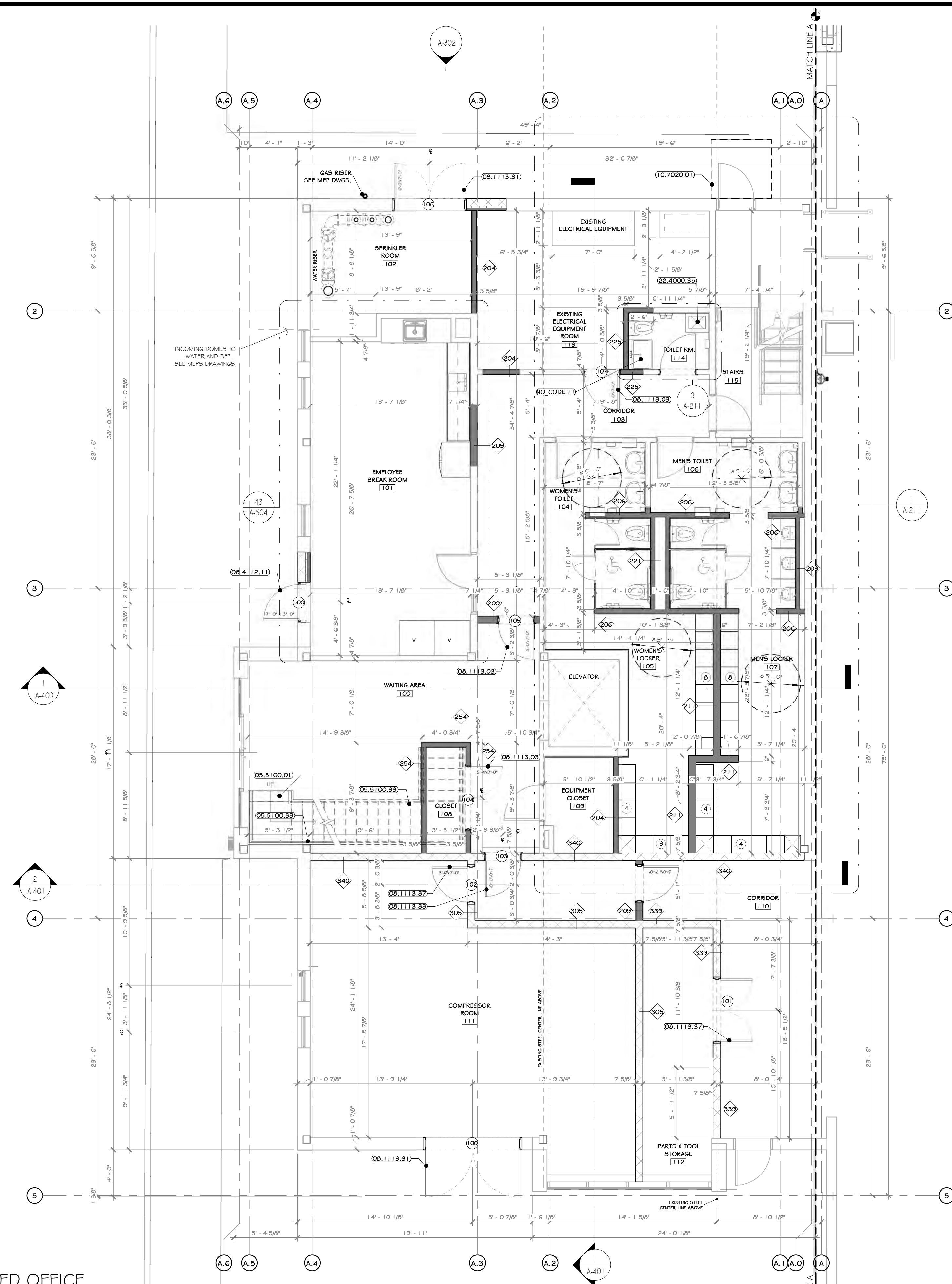
**Rockland Green**  
ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**OVERALL SECOND FLOOR PLAN**

BY	DATE	PROJ. No:	SCALE:
IDEA	07/09/21	499-010	AS SHOWN
CHECKED	07/09/21	DWG. NO:	A-204
DESIGNED	07/09/21	CAD FILE:	
APPROVED	07/09/21	SHEET SIZE:	D-24x36
APPROVED			REV



REV	DESCRIPTION	DATE
1	ISSUED FOR RFP	07-06-21
2	REVISD FOR RFP ADDENDUM # 6	07-23-21



1 FIRST FLOOR PLAN ENLARGED OFFICE  
3/16" = 1'-0"

**CONSTRUCTION NOTES**

- ALL DIMENSIONS ARE TO ROUGH FRAMING.
- NOTE: NOT ALL CONSTRUCTION NOTES MAY BE SPECIFIC TO THIS DRAWING.
- NOTE: F.F. ELEVATION 55'-5" ON CIVIL DWGS. = F.F. ELEV. 100'-0" ON ARCH., STRUC., & MEP DWGS.
- F.F. ELEVATIONS:
  - MAIN FLOOR: 100'-0"
  - SECOND FLOOR: 112'-3"
- GENERAL CONTRACTOR TO VERIFY ALL ROUGH OPENING SIZES WITH RESPECTIVE MANUFACTURERS (DOOR/WINDOW/LOUVER/ETC.) PRIOR TO ORDERING AND LAYING OUT CONCRETE OPENINGS, STUD FRAMING, ORDERING PEMS, ETC.
- SEE LIFE SAFETY PLANS FOR LOCATIONS OF FIRE EXTINGUISHERS. GC TO CONSULT WITH LOCAL A.S.I. PRIOR TO CO INSPECTION. TO CONFIRM ACCEPTANCE OF LOCATIONS BY FIRE MARSHAL. FIRE EXTINGUISHER CABINETS TO BE PROVIDED AT ALL FINISHED OFFICE SPACES AND WALL HUNG EXPOSED FIRE EXTINGUISHERS AT ALL OTHER LOCATIONS. PROVIDE OPENING AND BLOCKING WITHIN FRAMING FOR WALL CABINETS AND MOUNTING HARDWARE.
- STRUCTURAL DETAILS AND SPECIFICATIONS OF ANY FRAMING MEMBERS, BRACING, ETC. SUPERSEDE THE ARCHITECTURAL DRAWINGS.
- EXISTING NORTH / EAST/WEST EXTERIOR CMU TO REMAIN UNLESS EXISTING STRUCTURE TO REMAIN EXCEPT WHERE NOTED.
- EXISTING EXTERIOR FAÇADE IS TO BE POWER WASHED.
- PEMS MANUFACTURER: REVIEW ALL AS/MEP/PFP BUILDING DRAWINGS AND NOTE ALL OPENINGS, ROOF MOUNTED EQUIPMENT, SIDE WALL MOUNTED EQUIPMENT / LOUVERS, LIGHT FIXTURE LOCATIONS, SYSTEM EQUIPMENT, ETC.
- MODULAR FURNITURE, CONFERENCE TABLES, AND RECEPTION DESK SHOWN ON A-900'S FURNITURE DRAWINGS.
- SEE ASOO DRAWINGS FOR INTERIOR ELEVATIONS, DETAILS, DIMENSIONS, AND MOUNTING HEIGHTS OF MILLWORK AND COUNTERTOPS.
- SEE STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, AND IT/AV DRAWINGS AND SPECIFICATIONS FOR COORDINATION OF ALL RELATED ITEMS.
- FIRE ALARM TO BE COORDINATED WITH OWNER AND THEIR EXISTING FACILITIES. SEE ELECTRICAL DRAWINGS AND SPECIFICATIONS.
- SEE CIVIL DRAWINGS AND SPECIFICATIONS FOR ALL SITE IMPROVEMENTS AND INCOMING UTILITIES BEYOND 5'-0" OUTSIDE OF THE BUILDING FOOTPRINT.
- MIN. 5' x 5' IMPERVIOUS AREA REQUIRED AT EACH EXIST DOOR. G.C. TO PROVIDE EXTERIOR CONCRETE PADS IF ASPHALT IS NOT PROVIDED FOR ON CIVIL DRAWINGS. SEE STRUCTURAL AND CIVIL DRAWINGS AND SPECIFICATIONS.
- GC TO PATCH/REPAIR/REPLACE GYPSUM BD IN ALL EXISTING AREAS AS REQUIRED - SEE SPECS.

**KEY NOTES**

- 05.5100.01 METAL FAN STAIRS WITH CONCRETE INFILL.
- 05.5100.33 FABRICATED PIPE RAIL WITH VERTICAL BALUSTERS.
- 06.1113.03 INTERIOR HOLLOW METAL FIRE RATED DOOR.
- 06.1113.31 WELDED EXTERIOR HM DOOR.
- 06.1113.33 WELDED INTERIOR HM NON-RATED DOOR.
- 06.1113.37 WELDED INTERIOR FIRE RATED HM.
- 06.4112.11 ALUMINUM FRAMED DOOR, MEDIUM STYLE
- 10.7020.01 ARCHITECTURAL CANOPY, INTERNAL GUTTER AND DRAIN: EXTRUDECK.
- 22.4000.39 SERVICE BASIN, FATH #158-100 20" X 24".
- NO CODE.11 ISOLATE UTILITY SINK: 24"X10" X 24".

WALL LEGEND	DOOR LEGEND
EXISTING WALL	PERSONNEL DOOR TAG @ FIRST FLOOR LEVEL
DEMOLISH WALL	PERSONNEL DOOR TAG @ SECOND FLOOR LEVEL
MTL STUD WALL	STOREFRONT DOOR TAG @ FIRST FLOOR LEVEL
CMU WALL	STOREFRONT DOOR TAG @ SECOND FLOOR LEVEL

**PROJECT**

**KEY PLAN** AREA OF CONSTRUCTION

**STERLING**  
Sterling Environmental Engineering, P.C.

**martin rogers**  
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1.570.825.1000 | 1.570.825.0888 | www.mrspc.com

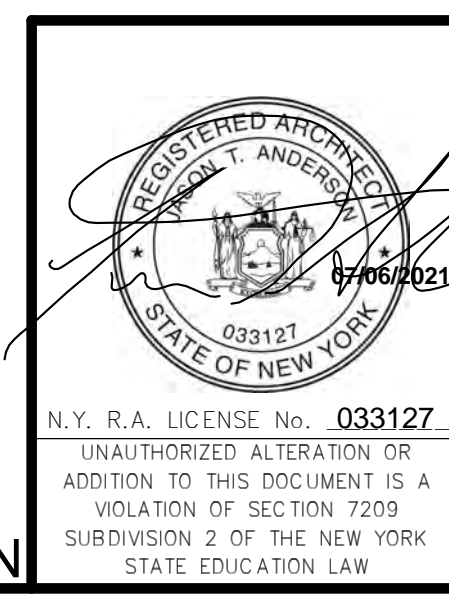
**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING INTERIORS

**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**ENLARGED FIRST FLOOR OFFICE PLAN**

BY	DATE	PROJ. No:	SCALE:
DRAWN	IDA 07/09/21	499-010	AS SHOWN
CHECKED	ANG 07/09/21	DWG. NO:	A-205
DESIGNED	ANG 07/09/21	CAD FILE:	
APPROVED	ANG 07/09/21	SHEET SIZE:	D-24x36
APPROVED			REV

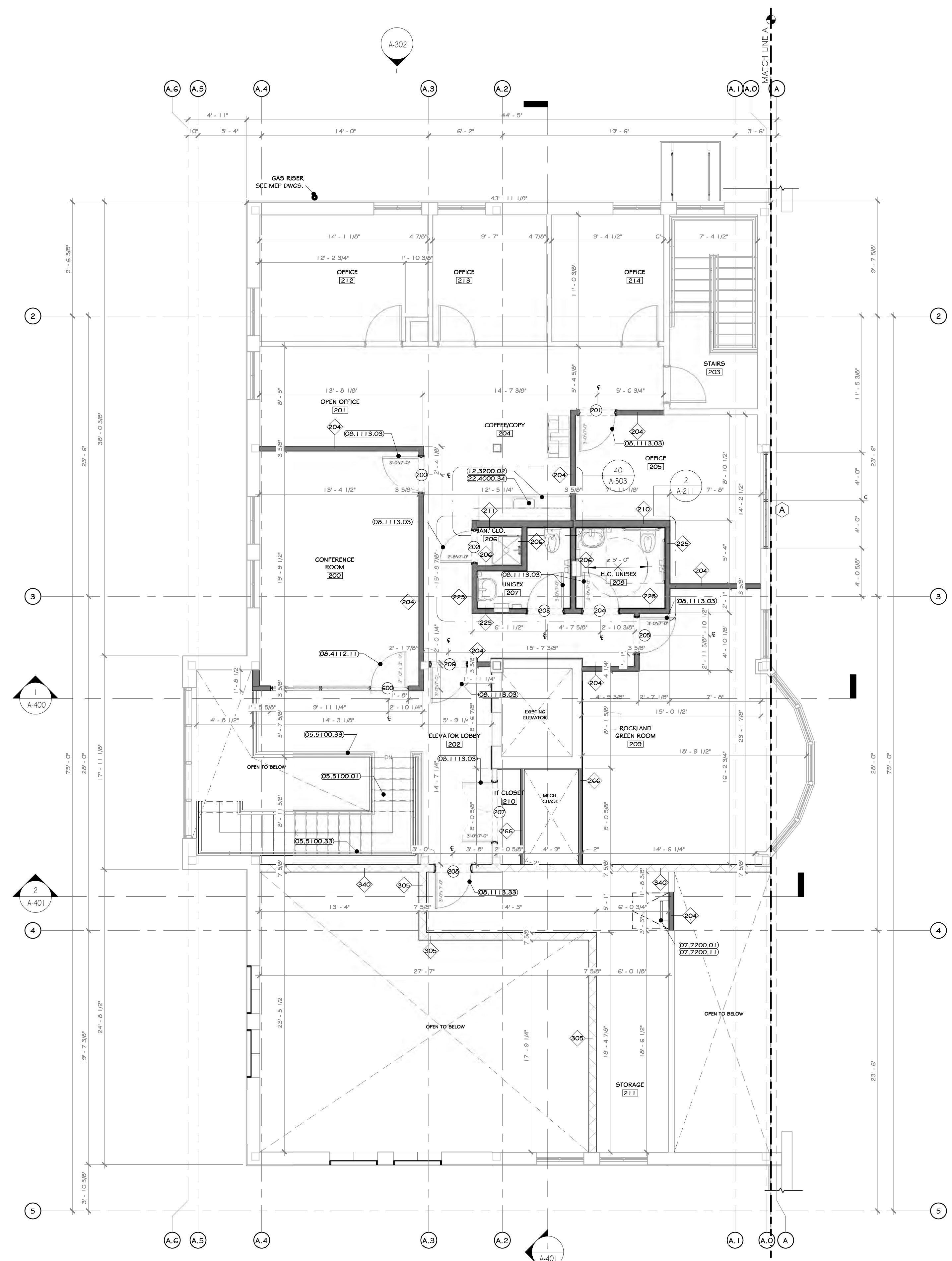


REV	DESCRIPTION	DATE	BY
01	ISSUED FOR RFP	07-21-21	ANG
02	REVISED FOR RFP ADDENDUM 6	07-21-21	ANG

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**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Melville, NY 11747  
Tel: 631-756-1060 Fax: 631-756-1064

NOT FOR CONSTRUCTION



1 SECOND FLOOR OFFICE PLAN  
3/16" = 1'-0"

**CONSTRUCTION NOTES** NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING

1. ALL DIMENSIONS ARE TO ROUGH FRAMING.
2. NOTE: NOT ALL CONSTRUCTION NOTES MAY BE SPECIFIC TO THIS DRAWING.
3. NOTE: F.F. ELEVATION 55'-1.5" ON CIVIL DWGS. = F.F. ELEV. 100'-0" ON ARCH., STRUC., & MEP DWGS.
4. F.F. ELEVATIONS:
  - a. MAIN FLOOR: 100'-0"
  - b. SECOND FLOOR: 112'-3"
5. GENERAL CONTRACTOR TO VERIFY ALL ROUGH OPENING SIZES WITH RESPECTIVE MANUFACTURERS (DOOR/WINDOW/VALVES, ETC.) PRIOR TO ORDERING AND LAYING OUT CONCRETE OPENINGS, STUD FRAMING, ORDERING PENB, ETC.
6. SEE LIFE SAFETY PLAN FOR LOCATIONS OF FIRE EXTINGUISHERS. GC TO CONSULT WITH LOCAL A.H.U. PRIOR TO CO INSPECTION, TO CONFIRM ACCEPTANCE OF LOCATIONS BY FIRE MARSHAL. FIRE EXTINGUISHER CABINETS TO BE PROVIDED AT ALL FINISHED OFFICE SPACES AND WALL HUNG EXPOSED FIRE EXTINGUISHERS AT ALL OTHER LOCATIONS. PROVIDE OPENING AND BLOCKING WITHIN FRAMING FOR WALL CABINETS AND MOUNTING HARDWARE. STRUCTURAL DETAILS AND SPECIFICATIONS OF ANY FRAMING MEMBERS, BRACING, ETC. SUPERSEDE THE ARCHITECTURAL DRAWINGS.
7. EXISTING EXTERIOR FAÇADE IS TO REMAIN UNLESS NOTED OTHERWISE.
8. EXISTING EXTERIOR FAÇADE IS TO BE POWER WASHED.
9. PERMS MANUFACTURER: REVIEW ALL ASME/PTP BUILDING DRAWINGS AND NOTE ALL OPENINGS, ROOF MOUNTED EQUIPMENT, SIDE WALL MOUNTED EQUIPMENT / LOUVERS, LIGHT FIXTURE LOCATIONS, SYSTEM EQUIPMENT, ETC.
10. MODULAR FURNITURE, CONFERENCE TABLES, AND RECEPTION DESK SHOWN ON A-300'S FURNITURE DRAWINGS.
11. SEE ASOO DRAWINGS FOR INTERIOR ELEVATIONS, DETAILS, DIMENSIONS, AND MOUNTING HEIGHTS OF MILLWORK AND COUNTERTOPS.
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13. THE ALARM IS TO BE COORDINATED WITH OWNER AND THEIR EXISTING FACILITIES. SEE ELECTRICAL DRAWINGS AND SPECIFICATIONS.
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16. GC TO PATCH/REPAIR/REPLACE GYPSUM BOARD IN ALL EXISTING AREAS AS REQUIRED - SEE SPECS.

**KEY NOTES**

- 05.5100.01 METAL FAN STAIRS WITH CONCRETE INFILL.
- 05.5100.33 FABRICATED PIPE RAIL WITH VERTICAL BALUSTERS.
- 07.7200.01 BILCO REEF MATCH 48" X 48"
- 07.7200.11 BILCO LADDER WITH SAFETY FOOT
- 08.1113.03 INTERIOR HOLLOW METAL FIRE RATED DOOR
- 08.1113.35 WELDED INTERIOR IRM NON-RATED DOOR
- 08.4112.11 ALUMINUM FRAMED DOOR, MEDIUM STYLE
- 12.3200.02 WOOD LAMINATE KITCHENETTE CASEWORKS.
- 22.4000.34 KITCHEN SINK, SINGLE BASIN, UNDERMOUNT, ADA EKAY 1.6 1/2" X 20 1/2" X 4.36" @ 5.5.

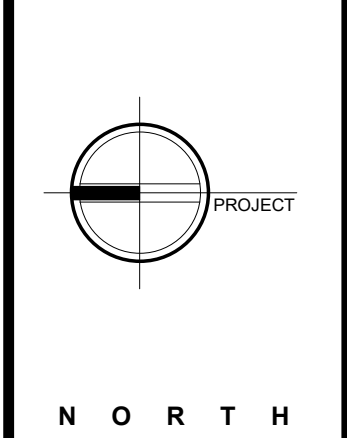
**WALL LEGEND**

- EXISTING WALL
- DEMOLISH WALL
- MTL STUD WALL
- CMU WALL

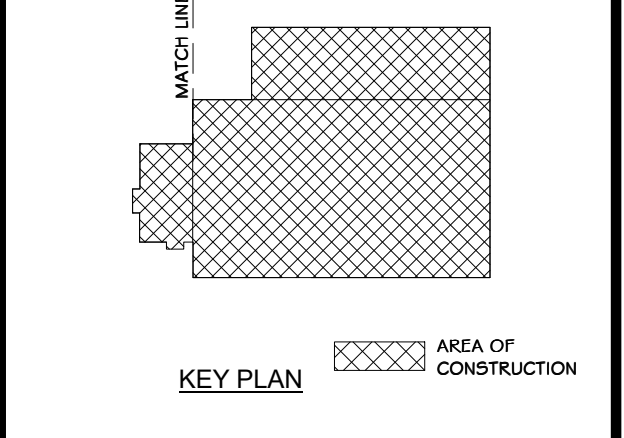
**DOOR LEGEND**

- PERSONNEL DOOR TAG @ FIRST FLOOR LEVEL
- PERSONNEL DOOR TAG @ SECOND FLOOR LEVEL
- STOREFRONT DOOR TAG @ FIRST FLOOR LEVEL
- STOREFRONT DOOR TAG @ SECOND FLOOR LEVEL

**PROJECT**



**KEY PLAN**



**STERLING**  
Sterling Environmental Engineering, P.C.

**martin rogers**  
ENGINEERING CONSULTANT  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18703  
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**ANDERSON DESIGN GROUP** ARCHITECTURE  
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NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**ENLARGED SECOND FLOOR OFFICE PLAN**

BY	DATE	PROJ. No:	SCALE:
DRAWN	IDEA 07/09/21	499-010	AS SHOWN
CHECKED	ANG 07/09/21	DWG. NO:	A-206
DESIGNED	ANG 07/09/21	CAD FILE:	
APPROVED	ANG 07/09/21	SHEET SIZE:	D-24x36
APPROVED			REV

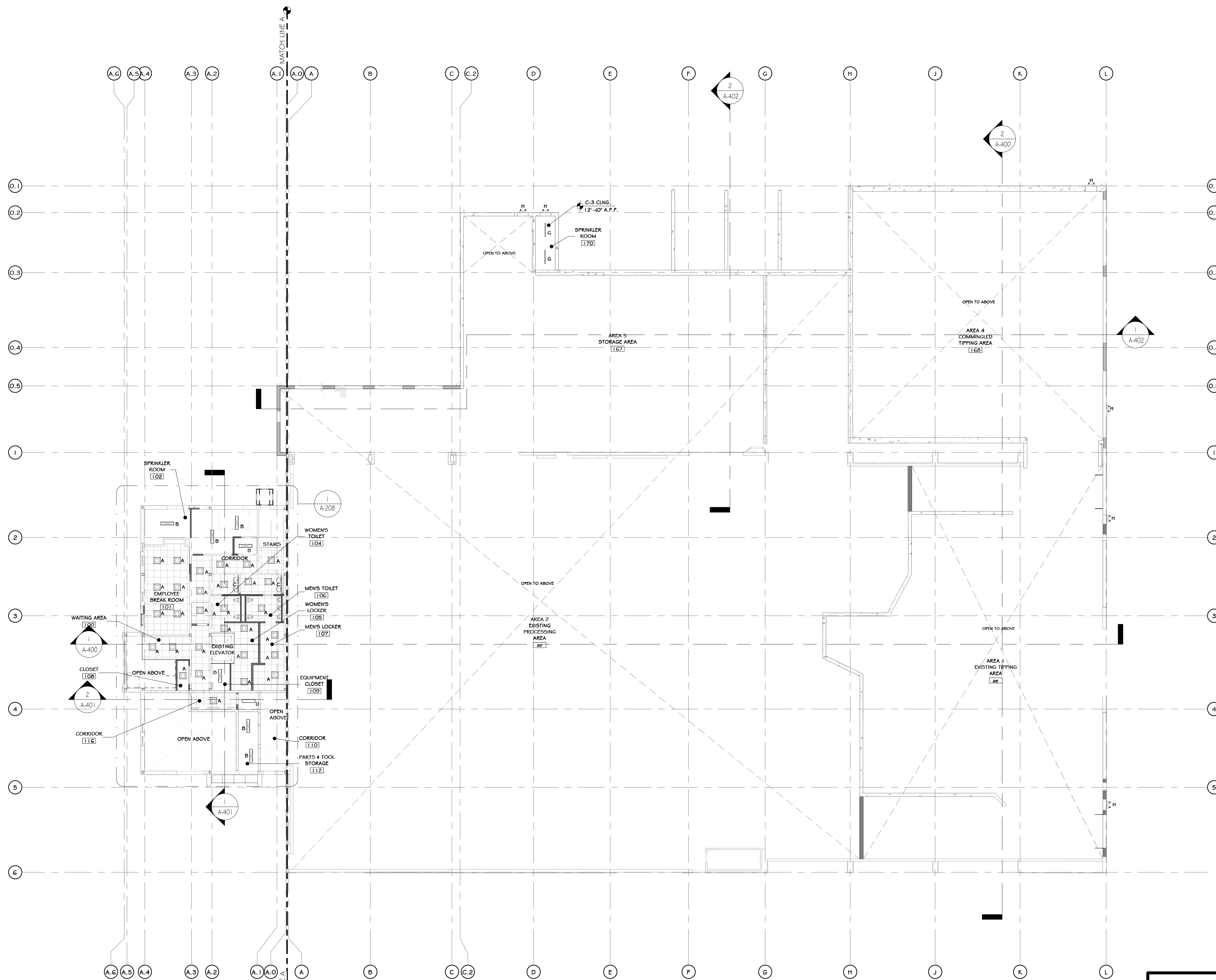


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**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Merrick, NY 11747  
ph: 631-756-1060  
fax: 631-756-1064

NOT FOR CONSTRUCTION



1 OVERALL FIRST FLOOR REFLECTED CEILING PLAN  
1/16" = 1'-0"

- ### CONSTRUCTION NOTES
- NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING
- EXTERIOR EMERGENCY LIGHT WITH BATTERY BACKUP TO BE PROVIDED AT ALL EGRESS DOORS.
  - SEE ELEC. DWGS. FOR DATA VOICE OUTLET LAYOUT & FULL LIGHTING SPECS.
  - ALL LAMPS TO BE 4000 KELVIN RANGE.
  - ADEQUATE NUMBER OF FIXTURES WITH EMERGENCY DALI/ASTS TO BE PROVIDED: (1) F.C. IN ALL AREAS - SEE ELEC. DWGS
  - ALL EXPOSED STRUCTURAL ELEMENTS (METAL DECK, MAINFRAMES, FURINGS, ETC.) TO BE PRIMED AND PAINTED. SEE FINISH SCHEDULE
  - PROVIDE WALL MOUNTED FIXTURES WITH STAIR WELL, WHERE STAIR ABOVE BLOCKS CEILING LIGHTING.

### LEGEND

LINE TYPE	DESCRIPTION
---	LINE OF BULKHEAD ABOVE

### CEILING FINISH SCHEDULE

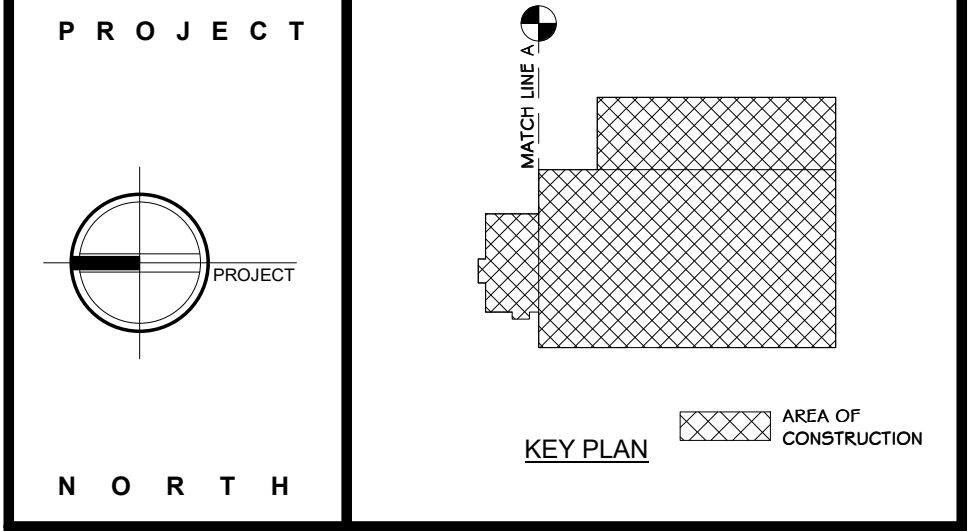
NOTE: ELECTRICAL DRAWINGS SHALL SUPERSEDE THIS SCHEDULE AND INFORMATION FOUND ON LIGHTING ON THIS SHEET.

MARK	NAME	SYMBOL	COLOR & MATERIAL SPECS	SPECS.	MANUF.	NOTES	AREA
C-1	(09.51.05.01) 24"x24" TEGULAR CEILING TILE	[Symbol]	24"x24" TEGULAR TILE	ACOUSTICAL PANELS ULTIMA LAY IN #1902	ARMSTRONG		6596 SF
C-2	GYPSUM WALL BOARD	[Symbol]	HARMONY INTERIOR PAINT SW7005, "PURE WHITE"	PAINTED	SHERWIN WILLIAMS		62 SF
C-3	EXPOSED CEILING	[Symbol]	HARMONY INTERIOR PAINT SW7005, "PURE WHITE"	PAINTED ROOF STRUCTURE	SHERWIN WILLIAMS		96300 SF
C-4	(09.51.05.) 24"x24" TEGULAR CEILING TILE	[Symbol]	24"x24" TEGULAR TILE	OPTIMA HEALTH ZONE PD	ARMSTRONG		1009 SF

### LIGHTING SCHEDULE (1ST FLR)

NOTE: ELECTRICAL DRAWINGS SHALL SUPERSEDE THIS SCHEDULE AND INFORMATION FOUND ON LIGHTING ON THIS SHEET.

SYMBOL	LABEL	QUANTITY	ARRANGEMENT	DESCRIPTION	MANUF.	MOUNTING HEIGHT AND DATA W/IN CEILING
[Symbol]	A	30	-	24" SQUARE LED, RECESSED	SEE ELEC. DWGS.	
[Symbol]	B	7	-	12"x48" CHAIN HUNG, LIGHT	SEE ELEC. DWGS.	
[Symbol]	C	2	-	4" WIDE SLOT LIGHT 2 LED LINEAR CLG. RECESSED	SEE ELEC. DWGS.	
[Symbol]	D	1	-	12"x48" WIDE SLOT LIGHT LED LINEAR CLG. RECESSED	SEE ELEC. DWGS.	
[Symbol]	G	2	-	4" WIDE SLOT LIGHT LED LINEAR CLG. RECESSED	SEE ELEC. DWGS.	
[Symbol]	H	6	-	EMERGENCY LIGHT- REFER TO ELEC. DWGS.		



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**ANDERSON DESIGN GROUP**  
ARCHITECTURE  
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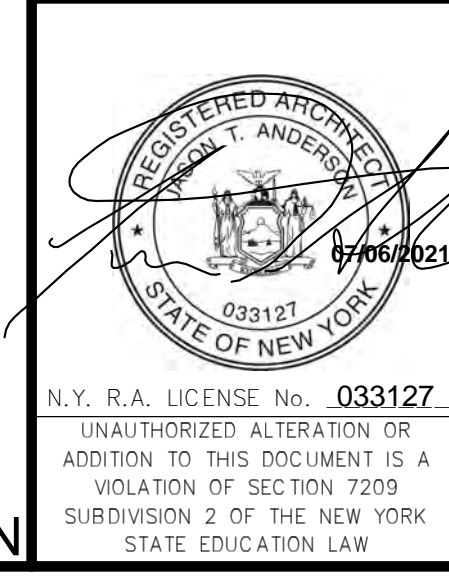
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### OVERALL FIRST FLOOR REFLECTED CEILING PLAN

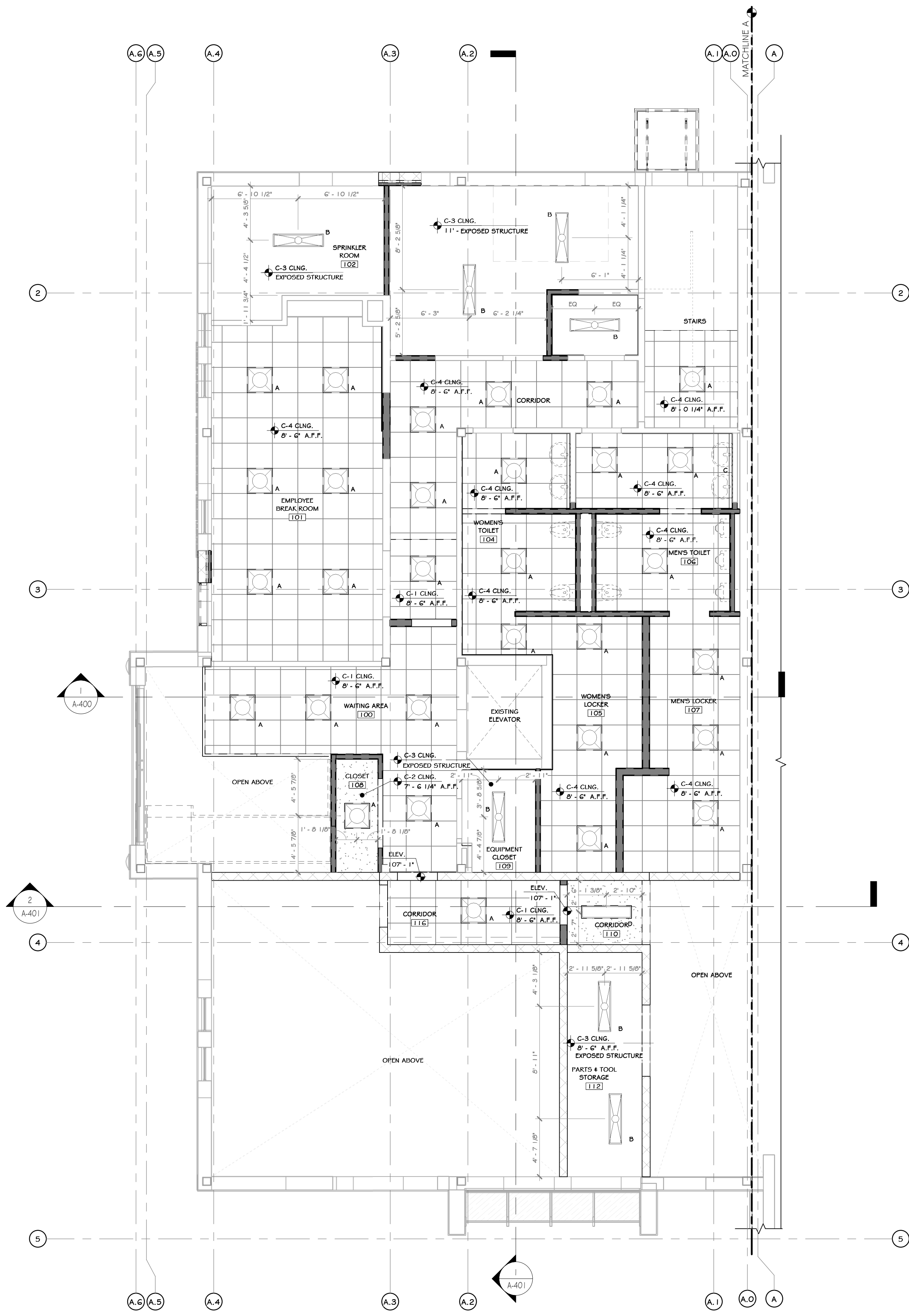
REV	DESCRIPTION	DATE	BY	DATE	PROJ. No: 499-010	SCALE: AS SHOWN
1	ISSUED FOR RFP	07-06-21	IT	07-06-21		
2	REVISED FOR RFP ADDENDUM 6	07-21-21	IT	07-21-21		

DRAWN	IDEA	07/06/21		
CHECKED	ANG	07/06/21	DWG. NO: A-207	A
DESIGNED	ANG	07/06/21	CAD FILE:	
APPROVED	ANG	07/06/21	SHEET SIZE: D-24x36	REV



**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Mineola, N.Y. 11547  
ph: 631-756-1060  
fax: 631-756-1064

NOT FOR CONSTRUCTION



1 FIRST FLOOR ENLARGED REFLECTED CEILING PLAN  
3/16" = 1'-0"

**CONSTRUCTION NOTES** NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING

1. EXTERIOR EMERGENCY LIGHT WITH BATTERY BACKUP TO BE PROVIDED AT ALL EGRESS DOORS.
2. SEE ELEC. DWGS. FOR DATA VOICE OUTLET LAYOUT & FULL LIGHTING SPECS.
3. ALL LAMPS TO BE 4000 KELVIN RANGE.
4. ADEQUATE NUMBER OF FIXTURES WITH EMERGENCY BALLASTS TO BE PROVIDED: (1) F.C. IN ALL AREAS. - SEE ELEC. DWGS.
5. ALL EXPOSED STRUCTURAL ELEMENTS (METAL DECK, MAINFIRMS, PURLINS, ETC.) TO BE PRIME AND PAINTED. SEE FINISH SCHEDULE.
6. PROVIDE WALL MOUNTED FIXTURES WITHIN STAIR WELL, WHERE STAIR ABOVE BLOCKS CEILING LIGHTING.

**LEGEND**

LINE TYPE	DESCRIPTION
---	LINE OF DUKHEAD ABOVE

**CEILING FINISH SCHEDULE**

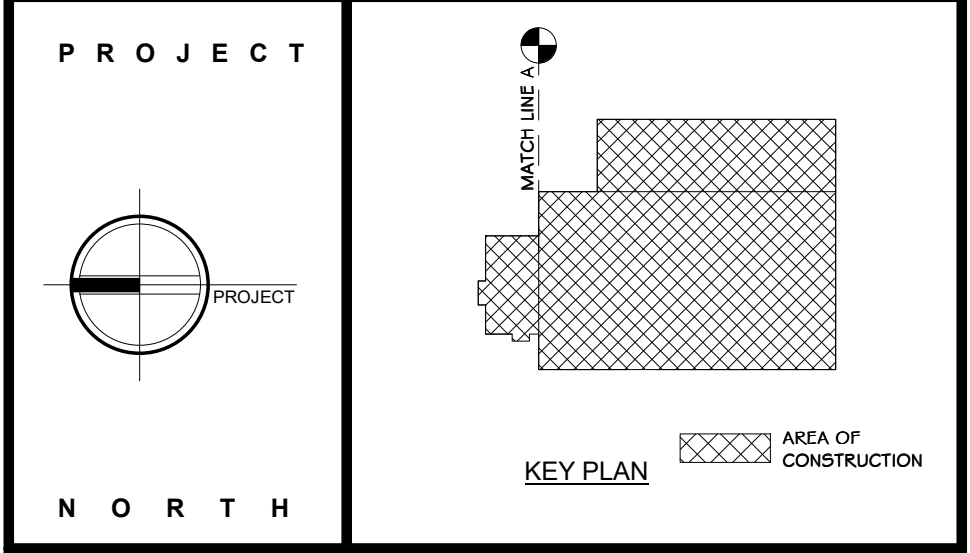
NOTE: ELECTRICAL DRAWINGS SHALL SUPERSEDE THIS SCHEDULE AND INFORMATION FOUND ON LIGHTING ON THIS SHEET.

MARK	NAME	SYMBOL	COLOR & MATERIAL SPECS	SPECS.	MANUF.	NOTES	AREA
C-1	(09.5.105.01) 24"x24" TEGULAR CEILING TILE	[Symbol]	24"x24" TEGULAR TILE	ACOUSTICAL PANELS ULTIMA LAY IN #1902	ARMSTRONG		6596 SF
C-2	GYPSUM WALL BOARD	[Symbol]	HARMONY INTERIOR PAINT SW7005, "PURE WHITE"	PAINTED	SHERWIN WILLIAMS		62 SF
C-3	EXPOSED CEILING	[Symbol]	HARMONY INTERIOR PAINT SW7005, "PURE WHITE"	PAINTED ROOF STRUCTURE	SHERWIN WILLIAMS		96300 SF
C-4	(09.5.105.02) 24"x24" TEGULAR CEILING TILE	[Symbol]	24"x24" TEGULAR TILE	OPTIMA HEALTH ZONE FD	ARMSTRONG		1089 SF

**LIGHTING SCHEDULE (1ST FLR)**

NOTE: ELECTRICAL DRAWINGS SHALL SUPERSEDE THIS SCHEDULE AND INFORMATION FOUND ON LIGHTING ON THIS SHEET.

SYMBOL	LABEL	QUANTITY	ARRANGEMENT	DESCRIPTION	MANUF.	MOUNTING HEIGHT AND DATA W/IN CEILING
[Symbol]	A	30	-	24" SQUARE LED, RECESSED	SEE ELEC. DWGS.	
[Symbol]	B	7	-	12"x48" CHAIN HUNG, LIGHT	SEE ELEC. DWGS.	
[Symbol]	C	2	-	4" WIDE SLOT LIGHT 2 LED LINEAR CLG. RECESSED	SEE ELEC. DWGS.	
[Symbol]	D	1	-	12"x48" WIDE SLOT LIGHT LED LINEAR CLG. RECESSED	SEE ELEC. DWGS.	
[Symbol]	G	2	-	4" WIDE SLOT LIGHT LED LINEAR CLG. RECESSED	SEE ELEC. DWGS.	
[Symbol]	H	6	-	EMERGENCY LIGHT. REFER TO ELEC. DWGS.		



**STERLING**  
Sterling Environmental Engineering, P.C.

**martinrogers**  
ENGINEERING CONSULTANT  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18703  
1.570.826.1000 | 1.570.825.0888 | www.mrspc.com

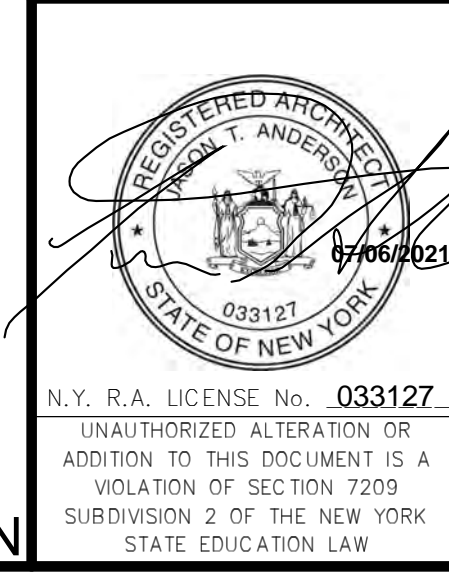
**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING  
INTERIORS

**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**ENLARGED FIRST FLR. OFFICE REFLECTED CEILING PLAN**

BY	DATE	PROJ. No:	SCALE:
IDEA	07/09/21	499-010	AS SHOWN
CHG	07/09/21		
DESIGNED	07/09/21		
APPROVED	07/09/21		
APPROVED			



REV	DESCRIPTION	DATE	BY	CHK
B	REVISED FOR RFP ADDENDUM 6	07-21-21		
A	ISSUED FOR RFP	07-06-21		
REV	DESCRIPTION	DATE	BY	CHK

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**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Merrick, NY 11474  
Tel: 631-756-1060 Fax: 631-756-1064

NOT FOR CONSTRUCTION



**CONSTRUCTION NOTES** NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING

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3. ALL LAMPS TO BE 4000 KELVIN RANGE.
4. ADEQUATE NUMBER OF FIXTURES WITH EMERGENCY BALLASTS TO BE PROVIDED (1) F.C. IN ALL AREAS - SEE ELEC. DWGS.
5. ALL EXPOSED STRUCTURAL ELEMENTS (METAL DECK, MAINFRAMES, FURLING, ETC.) TO BE PRIMED AND PAINTED - SEE FINISH SCHEDULE.
6. PROVIDE WALL MOUNTED FIXTURES WITHIN STAIR WELL, WHERE STAIR ABOVE BLOCKS CEILING LIGHTING.

**LEGEND**

LINE TYPE	DESCRIPTION
---	LINE OF BULKHEAD ABOVE

**CEILING FINISH SCHEDULE**

NOTE: ELECTRICAL DRAWINGS SHALL SUPERSEDE THIS SCHEDULE AND INFORMATION FOUND ON LIGHTING ON THIS SHEET.

MARK	NAME	SYMBOL	COLOR & MATERIAL SPECS	SPECS.	MANUF.	NOTES	AREA
C-1	(09.51.05.01) 24x24" REGULAR CEILING TILE		24x24" REGULAR TILE	ACOUSTICAL PANELS ULTIMA LAY IN #1902	ARMSTRONG		6596 SF
C-2	GYPSUM WALL BOARD		HARMONY INTERIOR PAINT SW7005, "PURE WHITE"	PAINTED	SHERWIN WILLIAMS		62 SF
C-3	EXPOSED CEILING		HARMONY INTERIOR PAINT SW7005, "PURE WHITE"	PAINTED ROOF STRUCTURE	SHERWIN WILLIAMS		96300 SF
C-4	(09.51.05.) 24x24" REGULAR CEILING TILE		24x24" REGULAR TILE	OPTIMA HEALTH ZONE P5	ARMSTRONG		1099 SF

**LIGHTING SCHEDULE (2ND FLR)**

NOTE: ELECTRICAL DRAWINGS SHALL SUPERSEDE THIS SCHEDULE AND INFORMATION FOUND ON LIGHTING ON THIS SHEET.

SYMBOL	LABEL	QUANTITY	ARRANGEMENT	DESCRIPTION	MANUF.	MOUNTING HEIGHT AND DATA W/IN CEILING
	A	43	-	24" SQUARE LED, RECESSED	SEE ELEC. DWGS.	-
	B	10	-	12x48" CHAIN HUNG, LIGHT	SEE ELEC. DWGS.	19'-4 3/4"
	E	26	-	24x48" CHAIN HUNG, LIGHT	SEE ELEC. DWGS.	-
	F	2	-	CHAIN HUNG PENDANT LIGHT	SEE ELEC. DWGS.	-

**PROJECT**

**KEY PLAN** AREA OF CONSTRUCTION

**NORTH**

**STERLING**  
Sterling Environmental Engineering, P.C.

**martinrogers**  
ENGINEERING CONSULTANT  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18703  
1-570-826-1000 | 1-570-825-0888 | www.mrspc.com

**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING  
INTERIORS

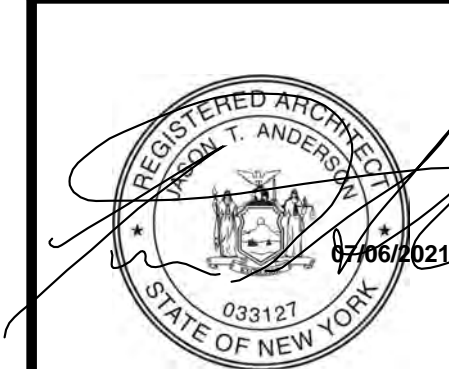
**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

**Rockland Green** ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**OVERALL SECOND FLOOR REFLECTED CEILING PLAN**

BY	DATE	PROJ. No:	SCALE:
IDEA	07/09/21	499-010	AS SHOWN
DWG.	07/09/21	NO:	A-209
CAD FILE:	07/09/21		
APPROVED	07/09/21	SHEET SIZE:	D-24x36

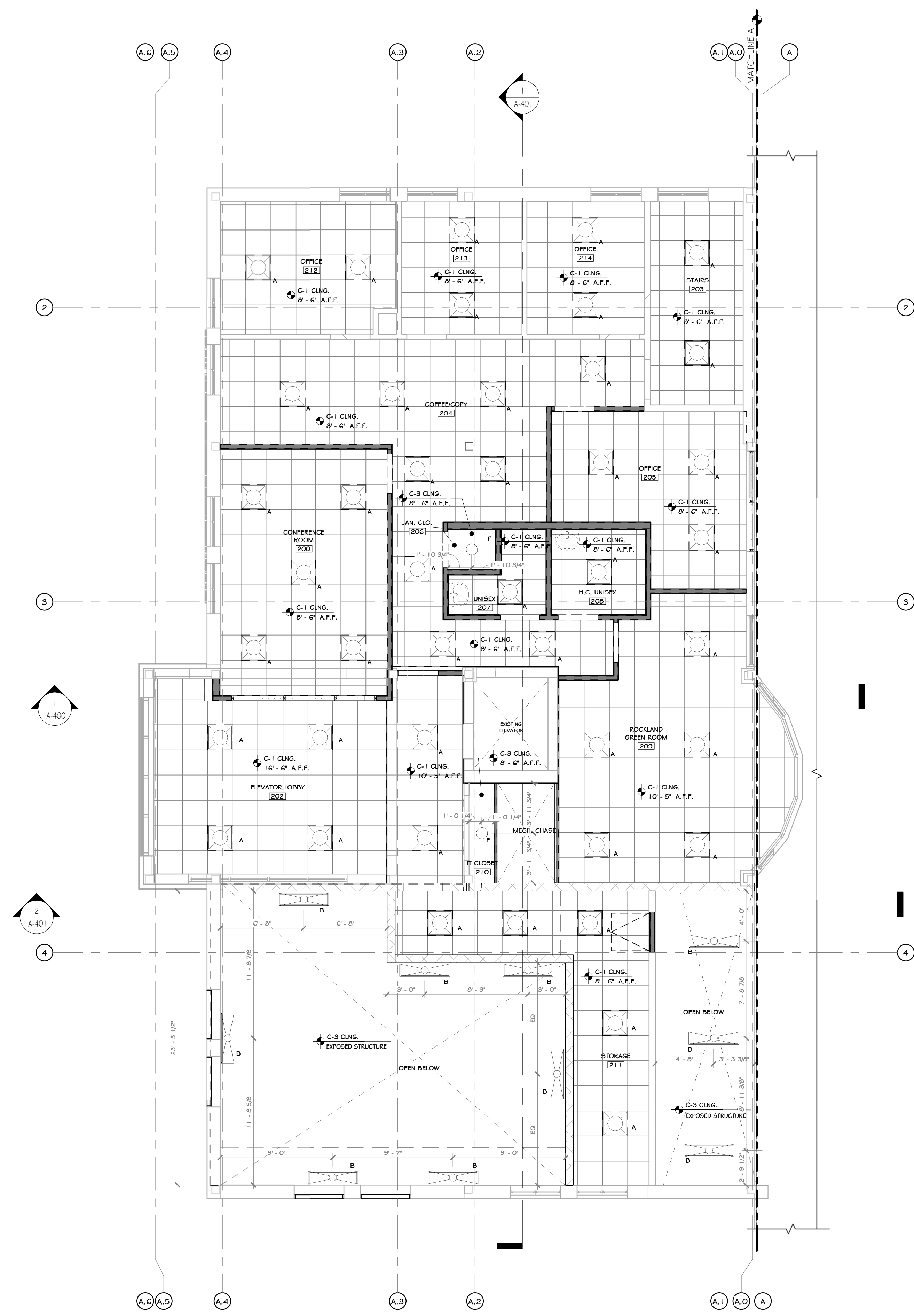
**OVERALL SECOND FLOOR REFLECTED CEILING PLAN**  
1/16" = 1'-0"



REV	DESCRIPTION	DATE	BY
B	REVISED FOR RFP ADDENDUM 6	07-21-21	BY
A	ISSUED FOR RFP	07-06-21	BY
1	DESCRIPTION	07-06-21	BY

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**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Merrick, N.Y. 11447  
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fax: 631-756-1064

**NOT FOR CONSTRUCTION**



1 SECOND FLOOR REFLECTED CEILING PLAN  
3/16" = 1'-0"

### CONSTRUCTION NOTES

NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING.

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- PROVIDE WALL MOUNTED FIXTURES WITHIN STAIR WELL, WHERE STAIR ABOVE BLOCKS CEILING LIGHTING.

### LEGEND

LINE TYPE	DESCRIPTION
---	LINE OF BULKHEAD ABOVE

### CEILING FINISH SCHEDULE

NOTE: ELECTRICAL DRAWINGS SHALL SUPERSEDE THIS SCHEDULE AND INFORMATION FOUND ON LIGHTING ON THIS SHEET.

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### LIGHTING SCHEDULE (1ST FLR)

NOTE: ELECTRICAL DRAWINGS SHALL SUPERSEDE THIS SCHEDULE AND INFORMATION FOUND ON LIGHTING ON THIS SHEET.

SYMBOL	LABEL	QUANTITY	ARRANGEMENT	DESCRIPTION	MANUF.	MOUNTING HEIGHT AND DATA W/IN CEILING
[Symbol]	A	30	-	24" SQUARE LED, RECESSED	SEE ELEC. DWGS.	
[Symbol]	B	7	-	12"x48" CHAIN HUNG, LIGHT	SEE ELEC. DWGS.	
[Symbol]	C	2	-	4" WIDE SLOT LIGHT 2 LED LINEAR CLG. RECESSED	SEE ELEC. DWGS.	
[Symbol]	D	1	-	12"x48" WIDE SLOT LIGHT LED LINEAR CLG. RECESSED	SEE ELEC. DWGS.	
[Symbol]	G	2	-	4" WIDE SLOT LIGHT LED LINEAR CLG. RECESSED	SEE ELEC. DWGS.	
[Symbol]	H	6	-	EMERGENCY LIGHT - REFER TO ELEC. DWGS.		

PROJECT

NORTH

KEY PLAN

AREA OF CONSTRUCTION

**STERLING**  
Sterling Environmental Engineering, P.C.

**martinrogers**  
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**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING INTERIORS

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NY COA # 0017967

**Rockland Green** ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

### ENLARGED SECOND FLR. OFFICE REFLECTED CLG. PLAN

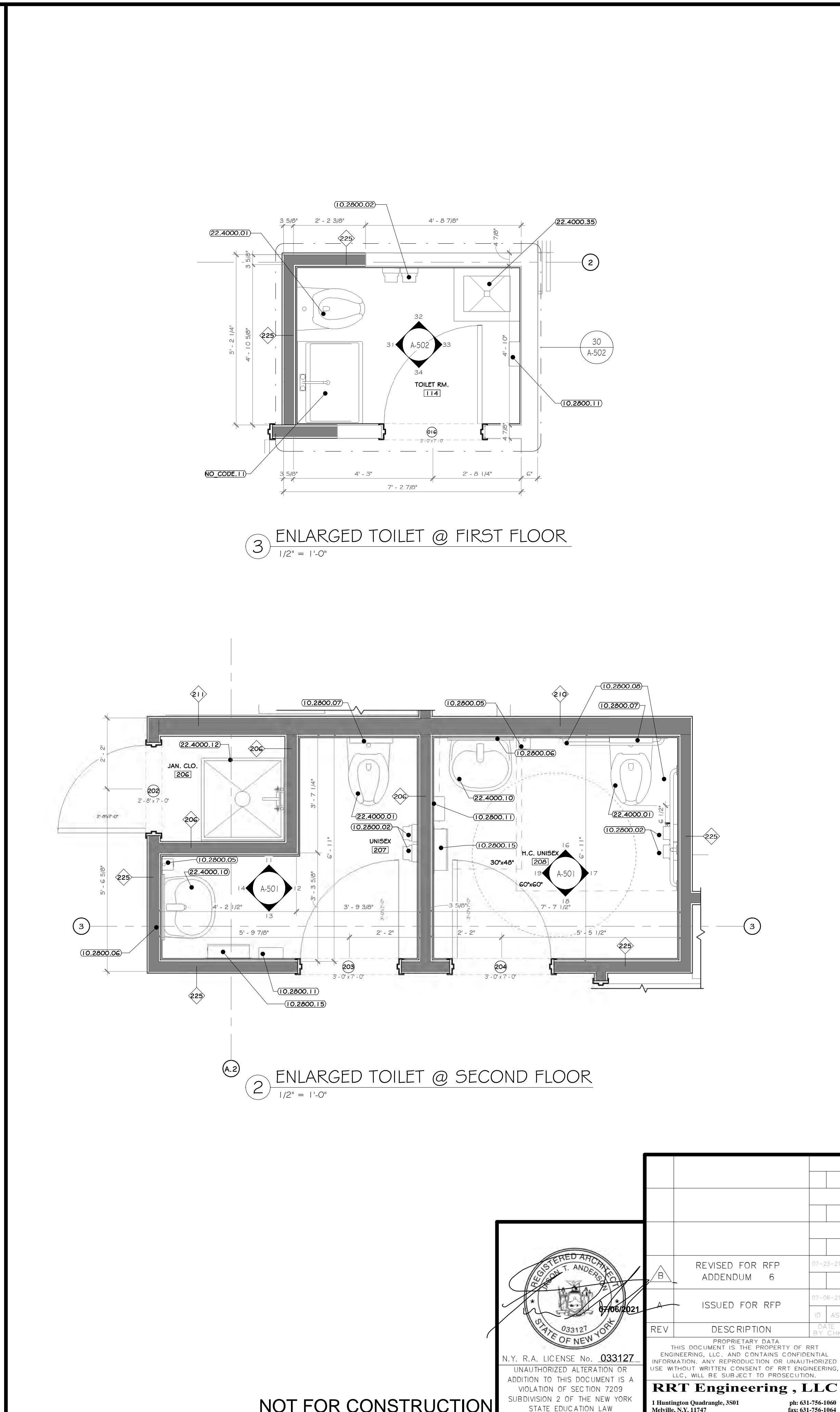
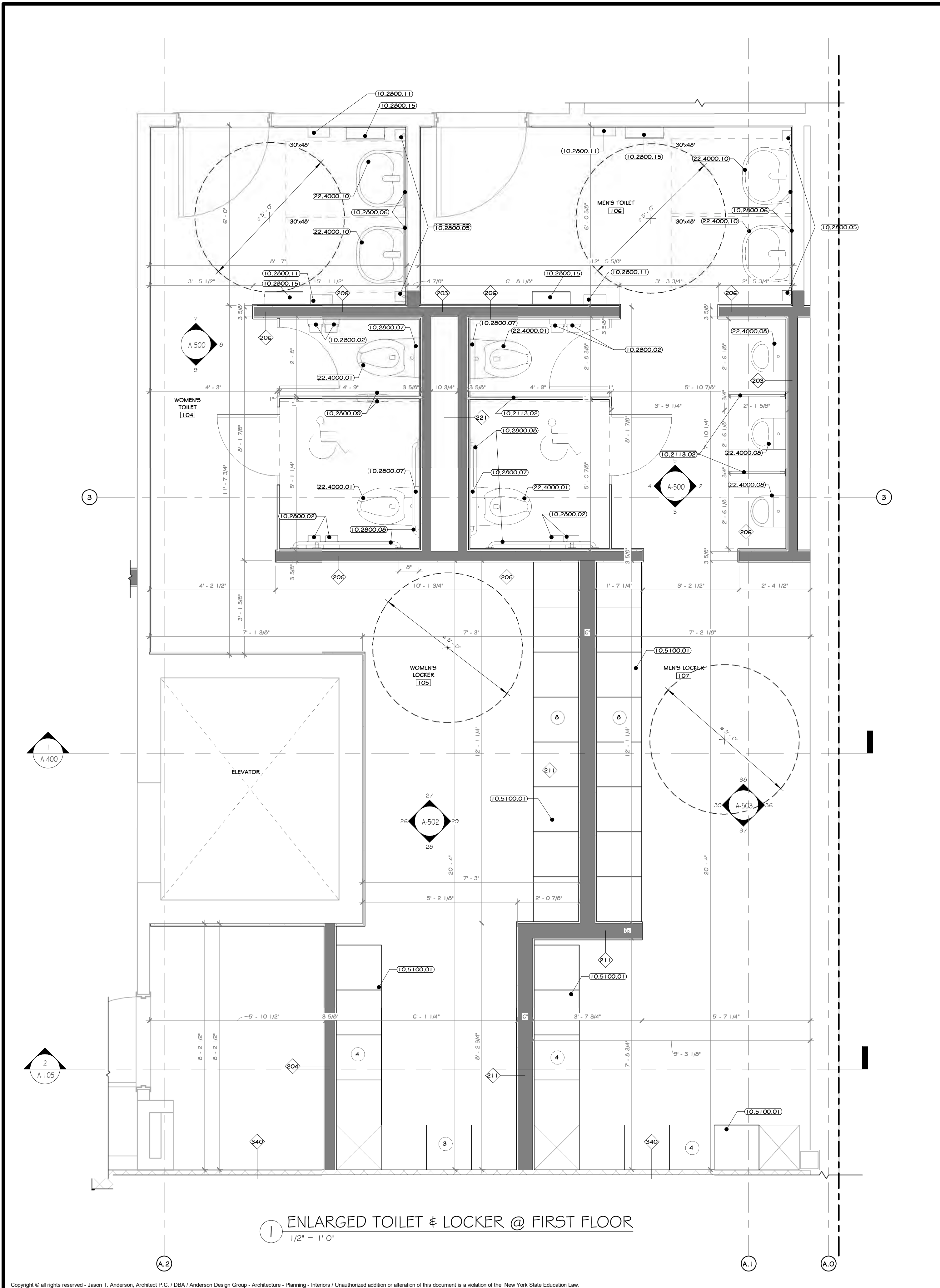
REV	DESCRIPTION	DATE	BY	DATE	PROJ. No: 499-010	SCALE: AS SHOWN
B	REVISED FOR RFP ADDENDUM 6	07-21-21				
A	ISSUED FOR RFP	07-06-21				

DRAWN	IDEA	07/06/21			
CHECKED	ANG	07/06/21	DWG. NO: A-210		A
DESIGNED	ANG	07/06/21	CAD FILE:		
APPROVED	ANG	07/06/21	SHEET SIZE: D-24x36		REV

REGISTERED ARCHITECT  
ROBERT T. ANDERSON  
033127  
STATE OF NEW YORK  
07/06/2021  
N.Y. R.A. LICENSE No. 033127  
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 2209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW

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**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Melville, NY 11747  
ph: 631-756-1060  
fax: 631-756-1064

NOT FOR CONSTRUCTION



### CONSTRUCTION NOTES

NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING.

- ALL DIMENSIONS ARE TO ROUGH FRAMING.
- NOTE: NOT ALL CONSTRUCTION NOTES MAY BE SPECIFIC TO THIS DRAWING.
- NOTE: F.F. ELEVATION 55.1.5' ON CIVIL DWGS. = F.F. ELEV. 100.0' ON ARCH., STRUC., & MEP DWGS.
- F.F. ELEVATIONS:
  - MAIN FLOOR: 100.0'
  - SECOND FLOOR: 112'-3"
- GENERAL CONTRACTOR TO VERIFY ALL ROUGH OPENING SIZES WITH RESPECTIVE MANUFACTURERS (DOOR/WINDOW/LOUVERS, ETC.) PRIOR TO ORDERING AND LAYING OUT CONCRETE OPENINGS, STUD FRAMING, ORDERING MEMS, ETC.
- SEE LIFE SAFETY PLANS FOR LOCATIONS OF FIRE EXTINGUISHERS. GC TO CONSULT WITH LOCAL AFI, PRIOR TO CO INSPECTION, TO CONFIRM ACCEPTANCE OF LOCATIONS BY FIRE MARSHAL. FIRE EXTINGUISHER CABINETS TO BE PROVIDED AT ALL FINISHED OFFICE SPACES AND WALL HUNG EXPOSED FIRE EXTINGUISHERS AT ALL OTHER LOCATIONS. PROVIDE OPENING AND BLOCKING WITHIN FRAMING FOR WALL CABINETS AND MOUNTING HARDWARE.
- EXISTING NORTH / EAST / WEST EXTERIOR CMU TO REMAIN ON EXISTING STRUCTURE TO REMAIN EXCEPT WHERE NOTED.
- EXISTING EXTERIOR FACADE IS TO BE POWER WASHED.
- STRUCTURAL DETAILS AND SPECIFICATIONS OF ANY FRAMING MEMBERS, BRACING, ETC. SUPERSEDE THE ARCHITECTURAL DRAWINGS.
- MEMS MANUFACTURERS REVIEW ALL ADOPTED BUILDING DRAWINGS AND NOTE ALL OPENINGS, ROOF MOUNTED EQUIPMENT, SIDE WALL MOUNTED EQUIPMENT / LOUVERS, LIGHT FIXTURE LOCATIONS, SYSTEM EQUIPMENT, ETC.
- MODULAR FURNITURE, CONFERENCE TABLES, AND RECEPTION DESK SHOWN ON A-900 FURNITURE DRAWINGS.
- SEE A500 DRAWINGS FOR INTERIOR ELEVATIONS, DETAILS, DIMENSIONS, AND MOUNTING HEIGHTS OF MILLWORK AND COUNTERS.
- SEE STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, AND ITAV DRAWINGS AND SPECIFICATIONS FOR COORDINATION OF ALL RELATED ITEMS.
- FIRE ALARM TO BE COORDINATED WITH OWNER AND THEIR EXISTING OFFICE FACILITIES. SEE ELECTRICAL DRAWINGS AND SPECIFICATIONS.
- SEE CIVIL DRAWINGS AND SPECIFICATIONS FOR ALL SITE IMPROVEMENTS AND INCOMING UTILITIES BEYOND 5'-0" OUTSIDE OF THE BUILDING FOOTPRINT.
- MIN. 5" X 8" REINFORCED AREA REQUIRED AT EACH EXIT DOOR. G.C. TO PROVIDE EXTERIOR CONCRETE PADS IF ASPHALT IS NOT PROVIDED FOR ON CIVIL DRAWINGS. SEE STRUCTURAL AND CIVIL DRAWINGS AND SPECIFICATIONS.
- GC TO PATCH REPAIR SURFACE OVERLAP IN ALL EXISTING AREAS AS REQUIRED - SEE SPECS.

### KEY NOTES

10.2113.02 SOLID PHENOLIC TOILET PARTITIONS, FLOOR MOUNT, OVERHEAD BRACED, C' AFF.  
 10.2800.01 TOILET PAPER DISPENSER, DOUBLE ROLL, RECESSED BOBRICK #B67.  
 10.2800.02 TOILET PAPER DISPENSER, DOUBLE ROLL, SURFACE MOUNT, BOBRICK #B265.  
 10.2800.05 LIQUID SOAP DISPENSER, WALL-MOUNTED, SURFACE, BOBRICK #B211.  
 10.2800.06 MIRRORS: STAINLESS STEEL FRAMED, 1/4" INCH THICK GLASS, 24" X 48", BOBRICK #B165 #440.  
 10.2800.07 SEAT COVER DISPENSER, SURFACE-MOUNTED, BOBRICK #B221.  
 10.2800.08 HEAVY DUTY GRAB BARS, BOBRICK 1-1/4", PEENED STAINLESS STEEL.  
 10.2800.09 SANITARY WASTE DISPOSAL UNIT, BACK-TO-BACK PARTITION MOUNTING, BOBRICK #B4354.  
 10.2800.11 ELECTRIC HAND DRYER, THINER HAND DRYER.  
 10.2800.15 HANDS FREE ROLL TOWEL DISPENSER, SURFACE MOUNT BOBRICK # B29744.  
 10.5100.01 HEAVY DUTY METAL LOCKERS, SINGLE TIER, 78" H X 18" W X 18" DEEP.  
 22.4000.01 WALL HUNG TOILET, #27708UG.  
 22.4000.05 WALL HUNG URINAL TOTO RUT 104EV.  
 22.4000.10 LAVATORY, WALL MOUNTED TOTO RUT242UG.  
 22.4000.12 SERVICE BASIN, PAIL #75B-110 24" X 24".  
 22.4000.35 SERVICE BASIN, PAIL #75B-110 22" X 24".  
 NO\_CODE.11 SLOPE UTILITY SINK: 24"10" X 30"10".

### WALL LEGEND

	EXISTING WALL
	DEMOLISH WALL
	MTL. STUD WALL
	CMU WALL

### DOOR LEGEND

	PERSONNEL DOOR TAG @ FIRST FLOOR LEVEL		STOREFRONT DOOR TAG @ SECOND FLOOR LEVEL
	PERSONNEL DOOR TAG @ SECOND FLOOR LEVEL		STOREFRONT DOOR TAG @ FIRST FLOOR LEVEL

### PROJECT

PROJECT: ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
 420 TORNE VALLEY ROAD, HILLBURN, NY 10931

### KEY PLAN

AREA OF CONSTRUCTION

### STERLING

Sterling Environmental Engineering, P.C.

### martin rogers

ENGINEERING CONSULTANTS  
 185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
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### ANDERSON DESIGN GROUP

ARCHITECTURE  
 PLANNING  
 INTERIORS

### RRT Engineering, LLC

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 NY COA # 0017967

### Rockland Green

ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
 420 TORNE VALLEY ROAD, HILLBURN, NY 10931

### ENLARGED TOILET PLANS

REV	DESCRIPTION	DATE
77-25-1	REVISED FOR RFP ADDENDUM 6	07/06/21
77-06-1	ISSUED FOR RFP	07/06/21
77-06-1	DESCRIPTION	07/06/21

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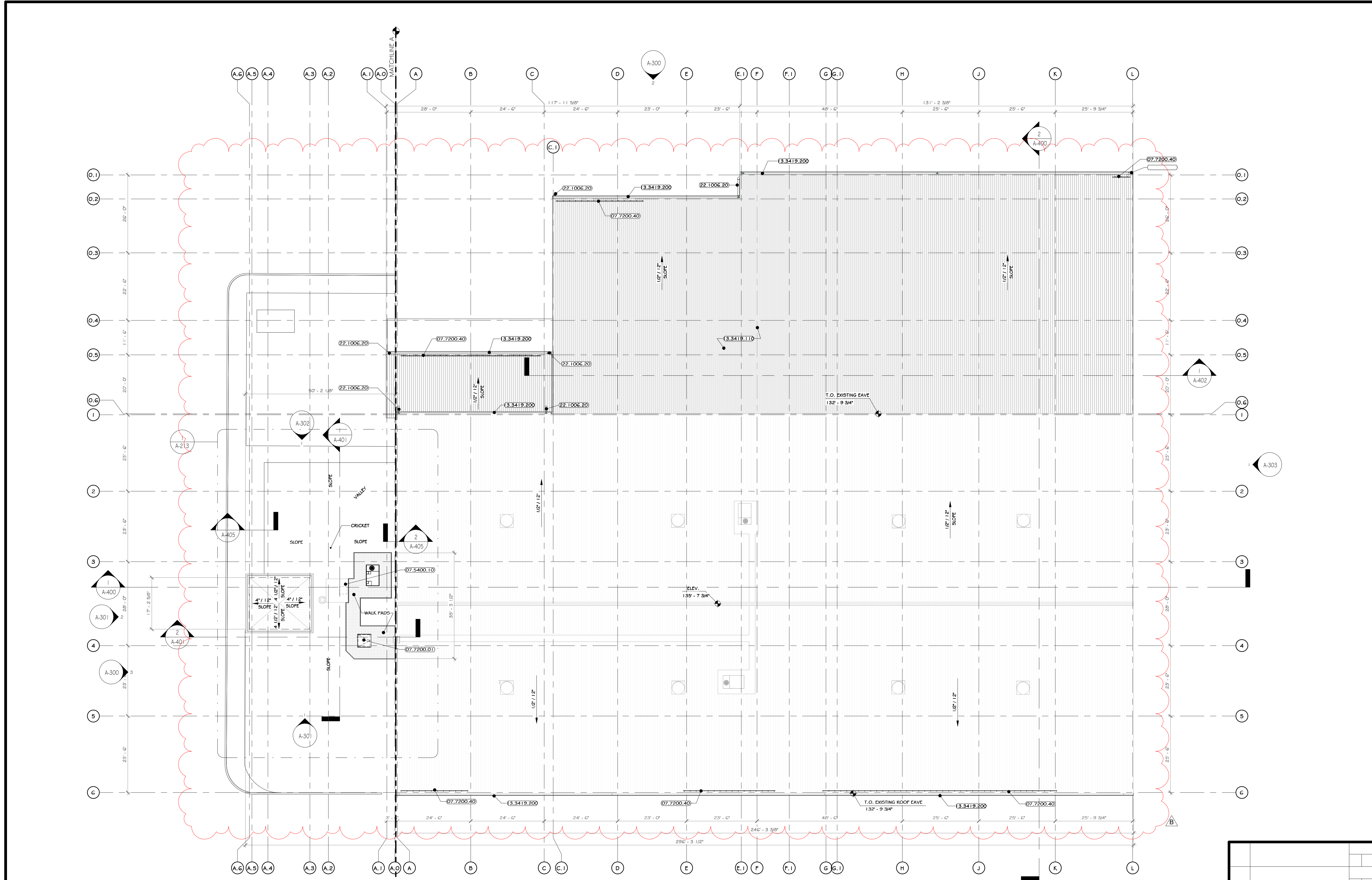
**RRT Engineering, LLC**  
 1 Huntington Quadrangle, 3501  
 Middlesex, N.J. 07041  
 Tel: 609-756-1000 Fax: 609-756-1004

N.Y. R.A. LICENSE No. 033127  
 REGISTERED ARCHITECT  
 JASON T. ANDERSON  
 STATE OF NEW YORK  
 07/06/2021

REVISIONS:  
 DRAWN: IDLA 07/06/21  
 CHECKED: ADG 07/06/21  
 DESIGNED: ADG 07/06/21  
 APPROVED: ADG 07/06/21  
 APPROVED: ADG 07/06/21

PROJECT NO: 499-010  
 SCALE: AS SHOWN  
 SHEET NO: A-211  
 SHEET SIZE: D-24x36

NOT FOR CONSTRUCTION



1 OVERALL ROOF PLAN  
1/16" = 1'-0"

CONSTRUCTION NOTES

1. ROOF PLAN MAY NOT SHOW ALL EXISTING OR NEW ROOF PENETRATIONS AND MECHANICAL EQUIPMENT - SEE MEP DRAWINGS.
2. ALL ROOF DRAINS ARE TO CONNECT TO UNDERGROUND STORM DRAINAGE SYSTEM - SEE CIVIL DRAWINGS.
3. PROVIDE TAPERED INSULATION AS REQUIRED TO CREATE CRICKETS AND MAINTAIN A MINIMUM OF 1/4:12 SLOPE 4' TO PITCH TO ROOF DRAINS.
4. ROOF SLOPE TO BE CREATED WITH TAPERED INSULATION ALL ROOF DRAINS ARE TO CONNECT INTO INTERNAL LEADER. SEE PLUMBING DWGS. AND SPECS.
5. CANOPY ROOFS ARE TO PITCH TOWARD BUILDING TO A HIDDEN GUTTER WITH LEADERS THAT CONTINUE DOWN EXTERIOR WALL TO UNDERGROUND STORM DRAINAGE SYSTEM.
6. EXISTING OFFICE ROOF IS TO BE COMPLETELY REMOVED, INCLUDING EXISTING MEMBRANE ROOF AND INSULATION. SEE SPECIFICATIONS FOR NEW MOISTURE BARRIER, INSULATION, PROTECTION BOARDS.
7. GC TO PROVIDE LINE ITEM ADD ALTERNATE TO COMPLETELY REMOVE AND REPLACE EXISTING FEMB ROOF INSULATION AND FEMB STANDING SEAM ROOF.

KEY NOTES

- 07.5400.10 TPVC ROOF MEMBRANE 45 MIL THICKNESS, FULLY ADHERED
- 07.7200.01 BILCO ROOF HATCH 48" X 48"
- 07.7200.40 SIBOND FENCE FOR STANDING SEAM ROOF, 2 PIPE TYPE
- 13.3419.110 STANDING SEAM 1-1/2" ROOF PANEL BY FEMB
- 13.3419.200 10" GUTTER BY FEMB
- 22.1006.20 ROOF DRAIN LEADER. REFER TO MEP DWGS.

LEGEND

LINE TYPE	DESCRIPTION
---	LINE OF UNDERGROUND STORM DRAINAGE, SEE CIVIL DRAWING
---	LINE OF BUILDING WALL BELOW

ROOF LEGEND

SYMBOL	TYPE	COLOR & MATERIALS	SPECIFICATIONS	MANUFACTURER
[Pattern]	TPVC ROOF MEMBRANE	SEE SPECS.	SEE SPECS.	-
[Pattern]	EXISTING ROOF	SEE SPECS.	SEE SPECS.	-

PROJECT

NORTH

KEY PLAN

AREA OF CONSTRUCTION

**STERLING**  
Sterling Environmental Engineering, P.C.

**martin rogers**  
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**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING  
INTERIORS

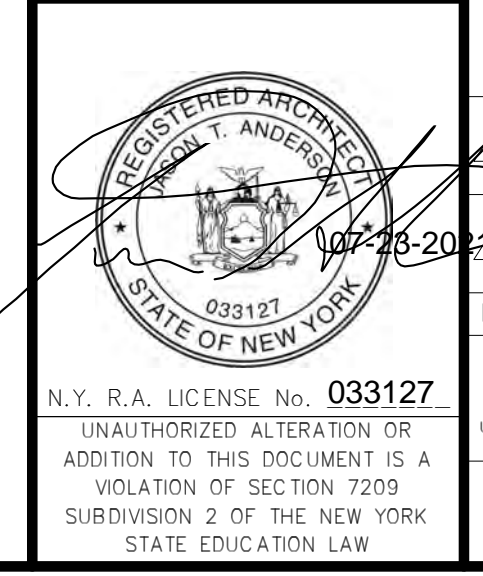
**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

OVERALL ROOF PLAN

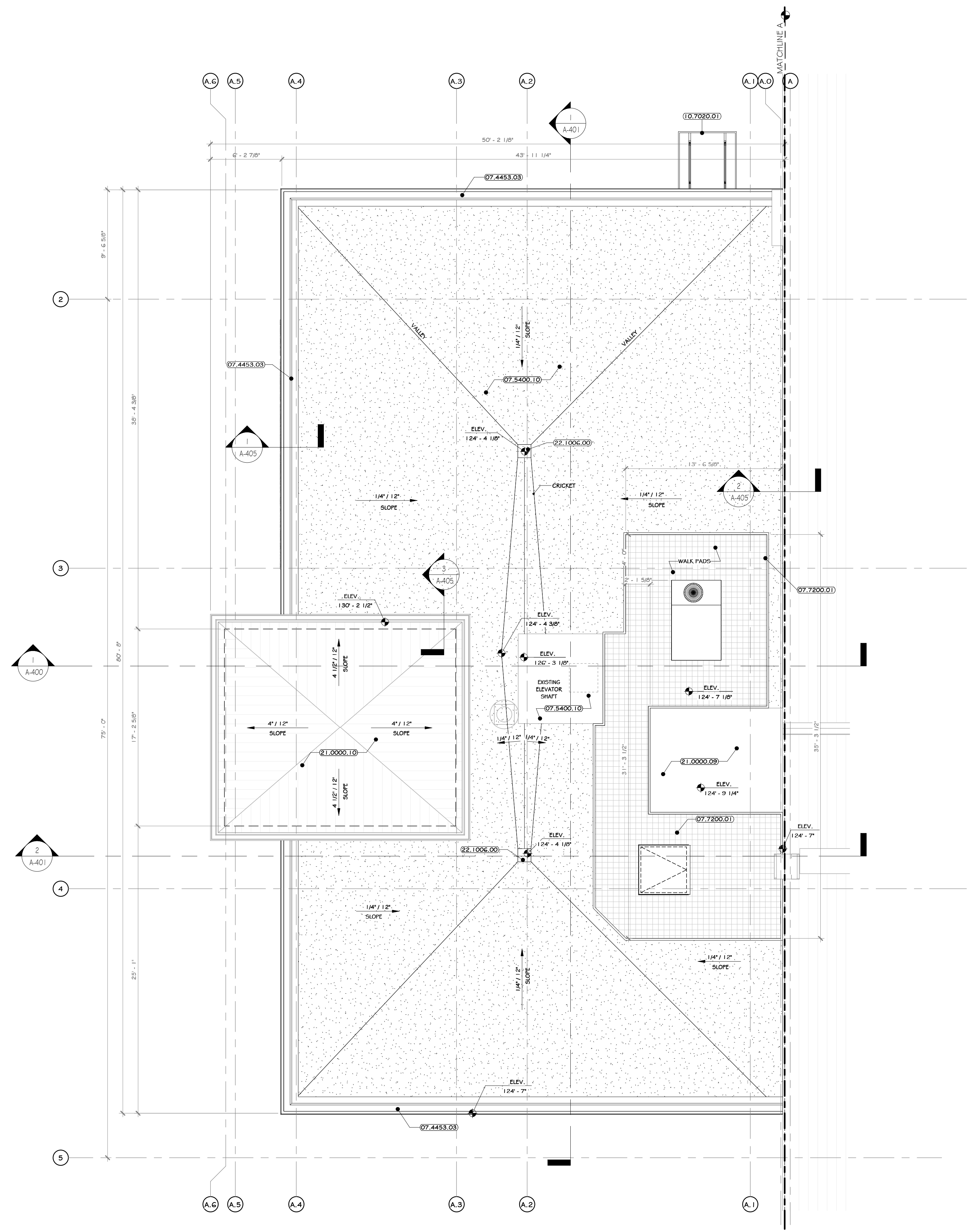
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1	ISSUED FOR RFP	07-06-15	ADG	07-06-15	499-010	AS SHOWN
2	REVISED FOR RFP ADDENDUM 6	07-23-15	ADG	07-23-15		

DRAWN	BY	DATE	PROJ. No:	SCALE:
CHECKED	ADG	07/06/21	499-010	AS SHOWN
DESIGNED	ADG	07/06/21		
APPROVED	ADG	07/06/21		
APPROVED	ADG	07/06/21		



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**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Manhasset Neck, NY 11747  
Tel: 631-756-1060 Fax: 631-756-1061



1 OFFICE ROOF PLAN  
3/16" = 1'-0"

**CONSTRUCTION NOTES**

1. ROOF PLAN MAY NOT SHOW ALL EXISTING OR NEW ROOF PENETRATIONS AND MECHANICAL EQUIPMENT - SEE MEP DRAWINGS.
2. ALL ROOF DRAINS ARE TO CONNECT TO UNDERGROUND STORM DRAINAGE SYSTEM - SEE CIVIL DRAWINGS.
3. PROVIDE TAPERED INSULATION AS REQUIRED TO CREATE CRICKETS AND MAINTAIN A MINIMUM OF 1/4" SLOPE TO PITCH TO ROOF DRAINS.
4. ROOF SLOPE TO BE CREATED WITH TAPERED INSULATION ALL ROOF DRAINS ARE TO CONNECT INTO INTERNAL LEADER. SEE PLUMBING DWGS. AND SPECS.
5. CANOPY ROOFS ARE TO PITCH TOWARD BUILDING TO A HIDDEN GUTTER WITH LEADERS THAT CONTINUE DOWN EXTERIOR WALL TO UNDERGROUND STORM DRAINAGE SYSTEM.
6. EXISTING OFFICE ROOF IS TO BE COMPLETELY REMOVED, INCLUDING EXISTING MEMBRANE ROOF AND INSULATION. SEE SPECIFICATIONS FOR NEW MOISTURE BARRIER, INSULATION, PROTECTION BOARDS.
7. GC TO PROVIDE LINE ITEM ADD ALTERNATE TO COMPLETELY REMOVE AND REPLACE EXISTING FEMD ROOF INSULATION AND FEMD STANDING SEAM ROOF.

**KEY NOTES**

07.4453.03	ALUMINUM FLASHINGS, COPINGS, AND TRIMS.
07.5400.10	TPVC ROOF MEMBRANE 45 MIL THICKNESS, FULLY ADHERED
07.7200.01	TRILCO ROOF HATCH 48" X 48"
10.7000.01	ARCHITECTURAL CANOPY, INTERNAL GUTTER AND DRAIN: EXTRUDECK.
21.0000.09	
21.0000.10	
22.1006.00	ROOF DRAIN.

**LEGEND**

LINE TYPE	DESCRIPTION
---	LINE OF UNDERGROUND STORM DRAINAGE, SEE CIVIL DRAWING
---	LINE OF BUILDING WALL BELOW

**ROOF LEGEND**

SYMBOL	TYPE	COLOR & MATERIALS	SPECIFICATIONS	MANUFACTURER
[Pattern]	TPVC ROOF MEMBRANE	SEE SPECS.	SEE SPECS.	-
[Pattern]	EXISTING ROOF	SEE SPECS.	SEE SPECS.	-

**PROJECT**

**KEY PLAN**

**NORTH**

**STERLING**  
Sterling Environmental Engineering, P.C.

**martin rogers**  
ENGINEERING CONSULTANT  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18702  
1-570-826-1000 / 1-570-825-0888 / www.mrspc.com

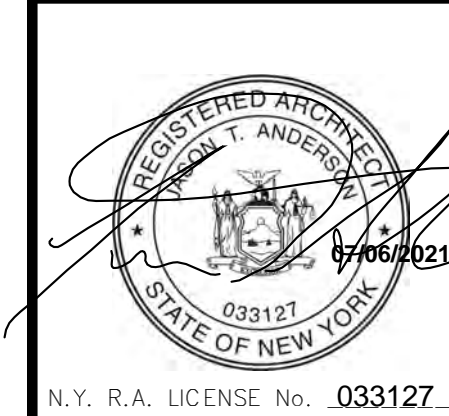
**ANDERSON DESIGN GROUP**  
ARCHITECTURE  
PLANNING  
INTERIORS

**RRT Engineering, LLC**  
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NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

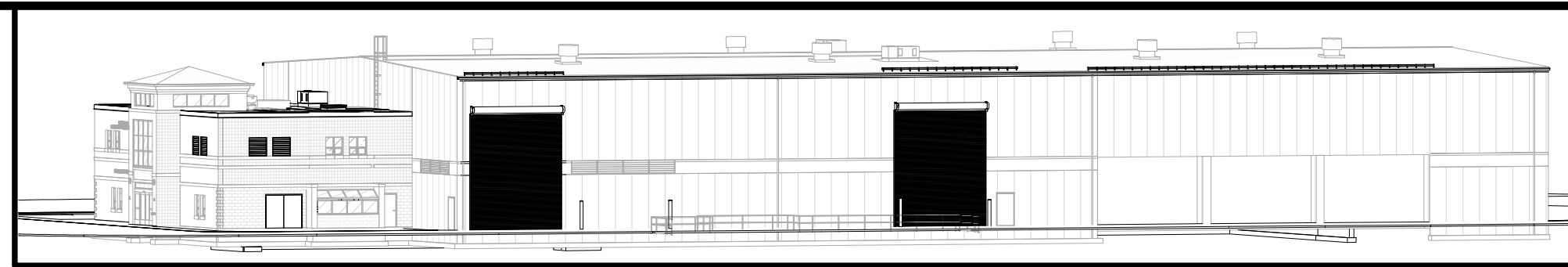
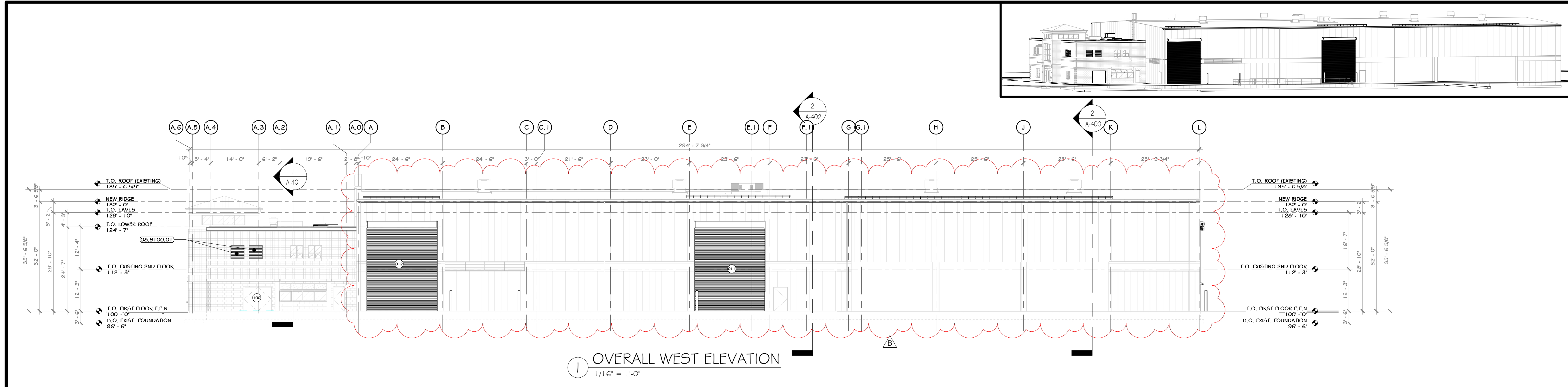
**ENLARGED OFFICE ROOF PLAN**

BY	DATE	PROJ. No:	SCALE:
DRAWN	IDEA 07/06/21	499-010	AS SHOWN
CHECKED	ADC 07/06/21	DWG. NO:	A-213
DESIGNED	ADC 07/06/21	CAD FILE:	
APPROVED	ADC 07/06/21	SHEET SIZE:	D-24x36
APPROVED			REV



REV	DESCRIPTION	DATE	BY	CHKD
1	ISSUED FOR RFP	07-06-21	ADC	ADC
2	REVISED FOR RFP ADDENDUM 6	07-23-21	ADC	ADC

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**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Mineola, NY 11474  
ph: 631-756-1060  
fax: 631-756-1064



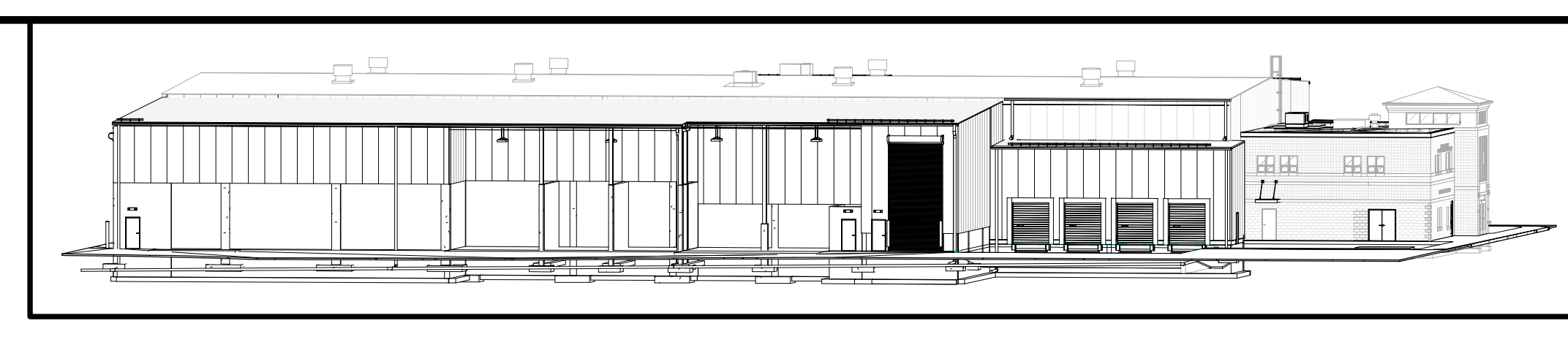
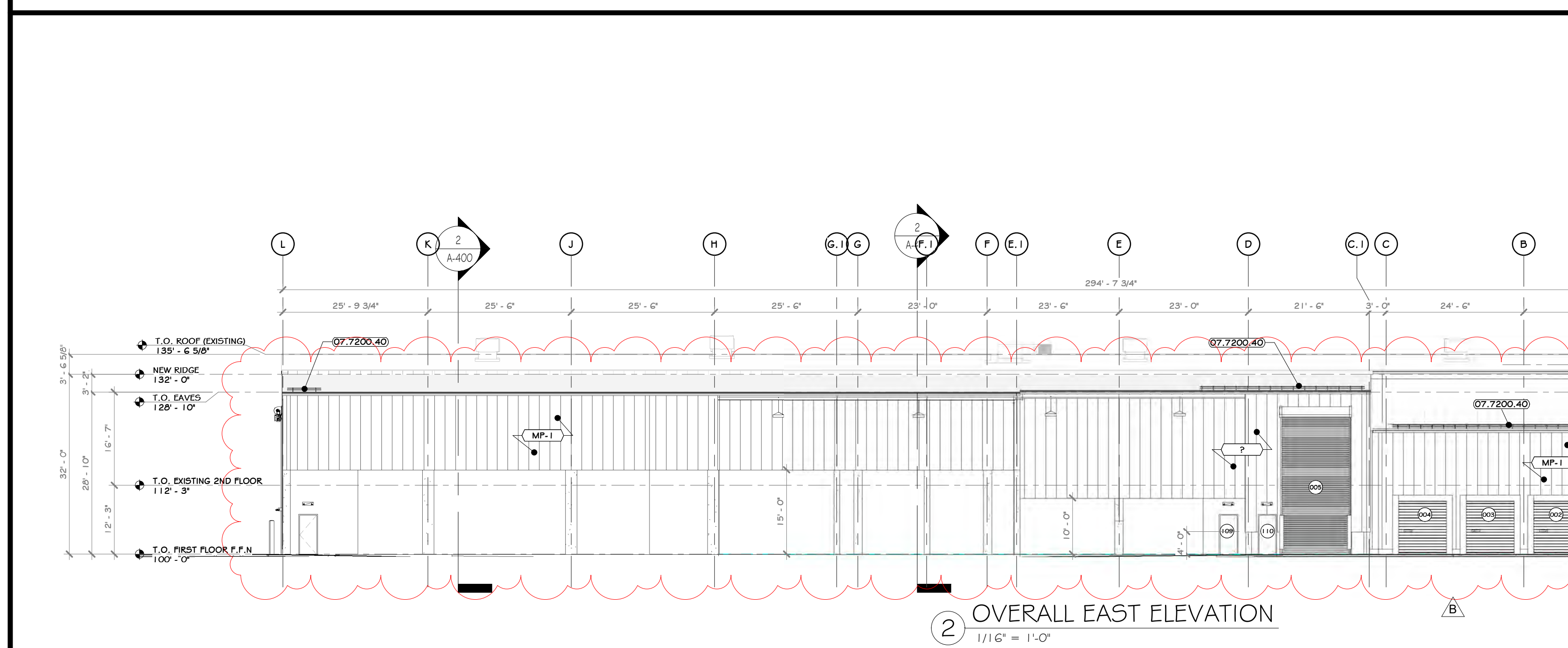
- ### CONSTRUCTION NOTES
- NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING.
- NOTE: NOT ALL NOTES MAY APPLY.
  - SNOW GUARDS ARE TO BE PROVIDED AT ALL ROOF EAVES OVER EXTERIOR DOORS, EXTEND MINIMUM OF 36" EACH SIDE OF DOOR. SEE SPECS AND ROOF PLAN.
  - EMERGENCY BACKUP LIGHT IS TO BE PROVIDED AT EACH EXIT DOOR. SEE ELECTRICAL DRAWINGS 4 SPECS.
  - ILLUMINATED SIGNS ATTACHED TO BUILDING ARE TO BE PROVIDED AND INSTALLED BY AN OWNER APPROVED VENDOR, HIRED BY G.C. VENDOR TO SUBMIT APPLICATION TO CITY FOR APPROVAL. G.C. TO PROVIDE BIDDING FOR MOUNTING.
  - G.C. AND EC RESPONSIBLE FOR COORDINATING JUNCTION BOX, POWER, BLOCKING PRIOR TO INSTALLATION OF INTERIOR OR EXTERIOR SHEATHING AT ALL SIGNAGE, EXTERIOR BUILDING LIGHTING, GARGOYLES, OUTLETS, ETC. GC AND EC TO SUBMIT ONE COMPREHENSIVE COORDINATION DRAWING WITH LOCATIONS AND MOUNTING HEIGHTS SHOWN FOR EACH ITEM.
  - MIN. 5x5 IMPERVIOUS AREA REQUIRED AT EACH EXIT DOOR. G.C. TO PROVIDE EXTERIOR CONCRETE PADS IF ASPHALT IS NOT PROVIDED FOR ON CIVIL DRAWINGS. SEE STRUCTURAL AND CIVIL DRAWINGS AND SPECIFICATIONS.
  - PEMB MANUFACTURER: REVIEW ALL ADVERTISED BUILDING DRAWINGS AND NOTE ALL OPENINGS, ROOF MOUNTED EQUIPMENT, SIDE WALL MOUNTED EQUIPMENT / LOUVERS, LIGHT FIXTURE LOCATIONS, SYSTEM EQUIPMENT, ETC.
  - EXISTING NORTH / EAST / WEST EXTERIOR CMU TO REMAIN UNCHANGED, EXISTING STRUCTURE TO REMAIN EXCEPT WHERE NOTED.
  - EXISTING EXTERIOR FACADE IS TO BE POWER WASHED.
  - THE GLAZING WITHIN GLEZSEROY IS TO BE REPLACED WITH SPANDREL GLASS.

### KEY NOTES

07.7200.01	BILCO ROOF HATCH 48" x 48"
07.7200.40	SNOW FENCE FOR STANDING SEAM ROOF, 2 PIPE TYPE
08.1113.31	WELDED EXTERIOR RM DOOR.
08.4112.11	ALUMINUM FRAMED DOOR, MEDIUM STYLE
08.9100.01	AUTOMATIC INTERLOCKING ALUMINUM LOUVER
10.7020.01	ARCHITECTURAL CANOPY, INTERNAL GUTTER AND DRAIN: EXTRUDECK.
NO CODE.12	REMOVED AND REPLACED WITH SPANDREL GLASS.

### LEGEND

LINE TYPE	DESCRIPTION
---	LINE OF FOUNDATION OUTLINE, SEE STRUCTURAL DRAWING 4 SPECS
---	LINE OF GRADE IN FOREGROUND

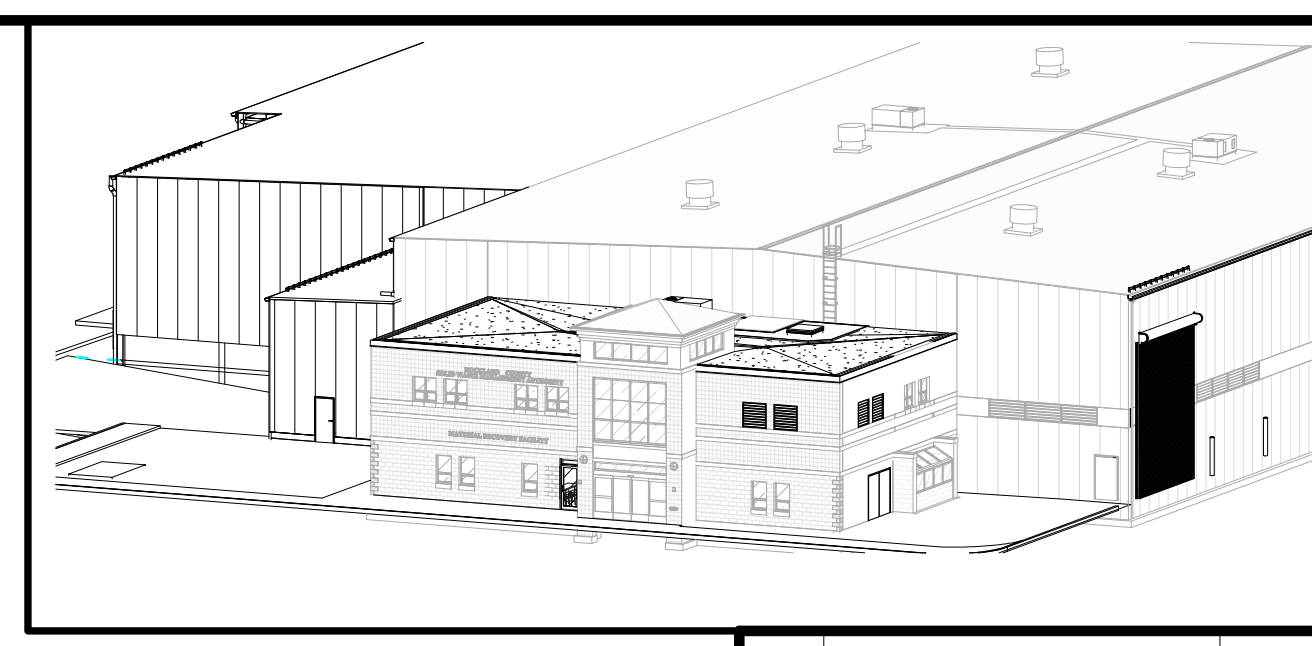
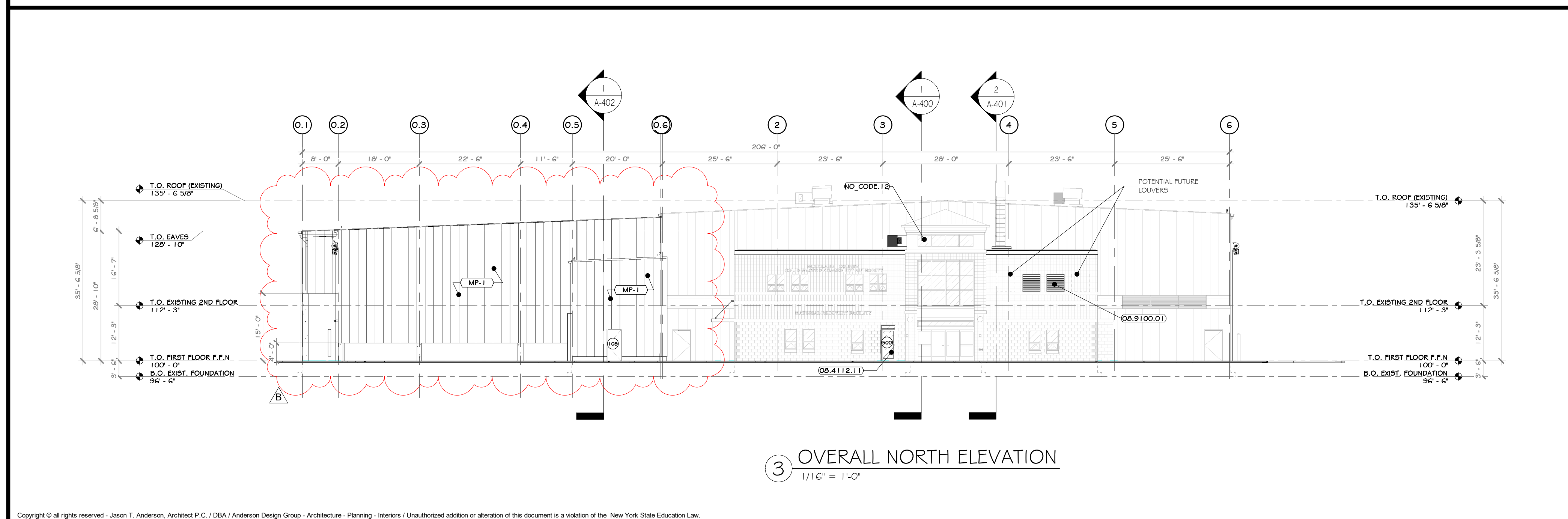


### EXTERIOR FINISH SCHEDULE

MARK	MATERIAL NAME	MATERIAL SPECIFICATION	COLOR	MANUFACTURER / SUPPLIER	IMAGE
GP-2	GLASS, SPANDREL	SPANDREL GLASS PANEL	TO MATCH GLAZING		
MP-1	(13.3419.120) STANDING SEAM 1-1/2" ROOF PANEL BY PEMB	13.3419.120 STANDARD RIBBED SIGING PANEL BY PEMB		-SEE SPECS.	
R-1	(13.3419.110) STANDING SEAM 1-1/2" ROOF PANEL BY PEMB	STANDING SEAM 1-1/2" ROOF PANEL BY PEMB			

### EXTERIOR PAINTED SURFACES

SYMBOL	SURFACE	1ST COAT	2ND COAT	3RD COAT
PS-1	FERRUCOS 4 GALVANIZED METAL	MATERIAL: SHER-CRYL HIGH PERFORMANCE UNIVERSAL PRIMER (B66-310)	MATERIAL: SHER-CRYL HIGH PERFORMANCE ACRYLIC GLOSS (B66-300)	MATERIAL: SHER-CRYL HIGH PERFORMANCE ACRYLIC GLOSS (B66-300)
PS-2	ASPHALT PAVING	MATERIAL: SETFAST ACRYLIC WATERBORNE TRAFFIC MARKING PAINT		



### PROJECT

PROJECT

NORTH

KEY PLAN

AREA OF CONSTRUCTION

**STERLING**  
Sterling Environmental Engineering, P.C.

**martin rogers**  
ENGINEERING CONSULTANTS  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18703  
1-570-826-1000 | 1-570-825-0888 | www.mrspz.com

**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING  
INTERIORS

**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

**Rockland Green**

ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

### OVERALL WEST, EAST & NORTH ELEVATIONS

REV	DESCRIPTION	DATE	BY
6	REVISED FOR RFP ADDENDUM	07-23-2024	ANG
5	ISSUED FOR RFP	07-06-24	ANG

DRAWN	BY	DATE	PROJ. No:	SCALE:
ANG	IDEA	07/06/24	499-010	AS SHOWN

CHECKED	NO.	SCALE:
ANG	A-300	AS SHOWN

DESIGNED	NO.	SCALE:
ANG	A-300	AS SHOWN

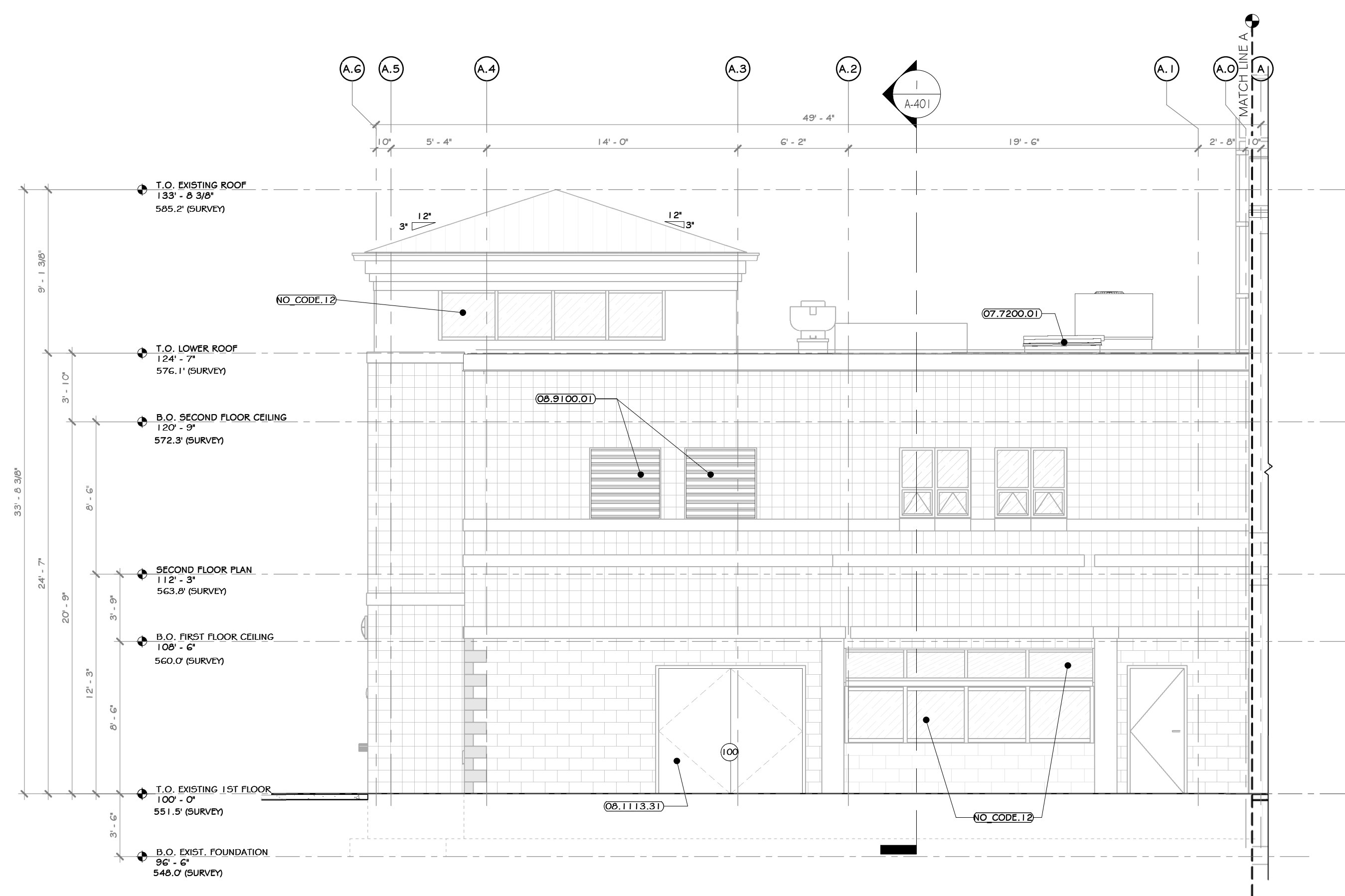
APPROVED	NO.	SCALE:
ANG	A-300	AS SHOWN

REGISTERED ARCHITECT  
T. ANDERSON  
STATE OF NEW YORK

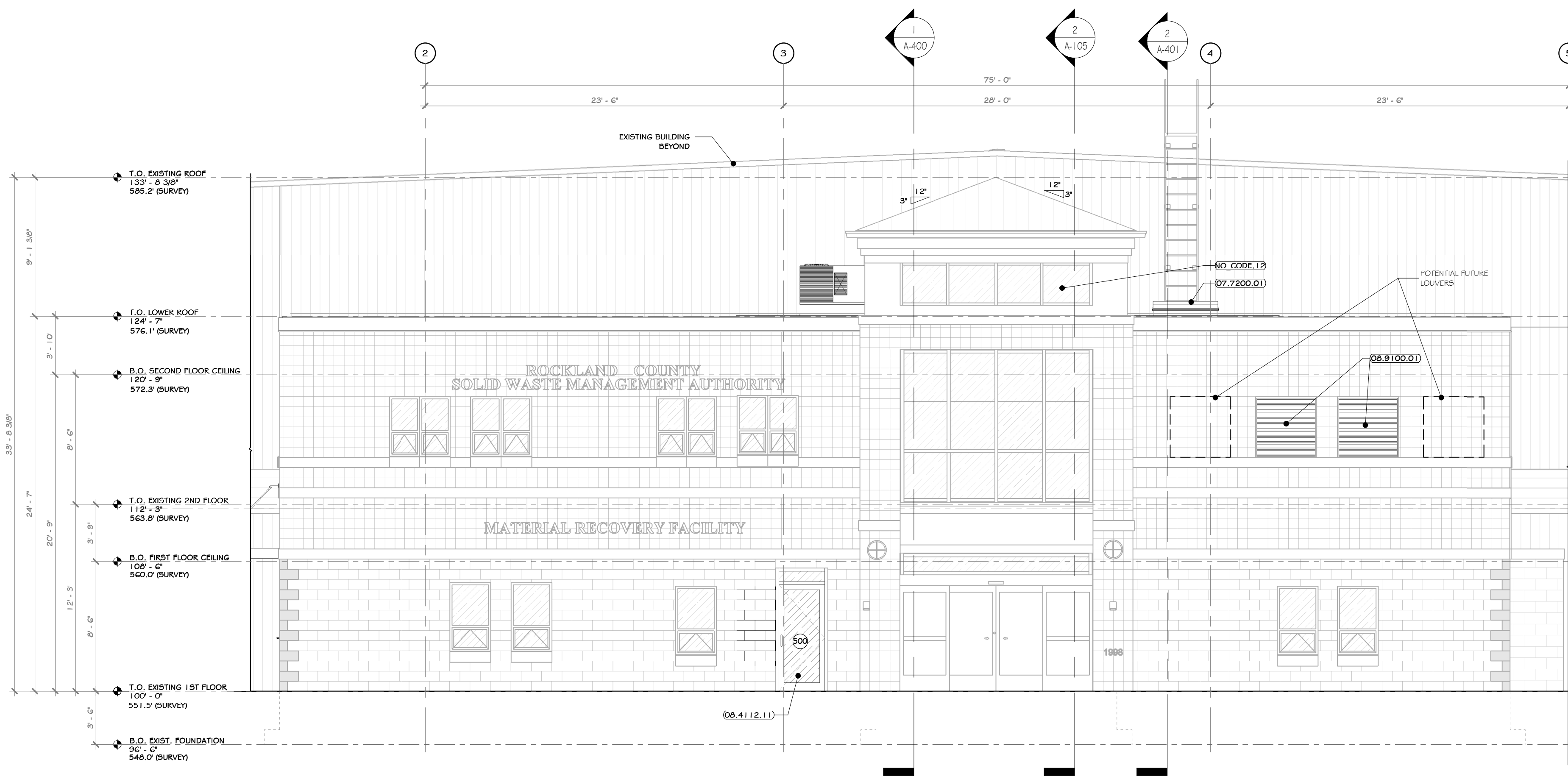
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**RRT Engineering, LLC**  
1 Huntington Quadrangle, 5801  
Merrick, NY 11474  
ph: 631-756-1060  
fax: 631-756-1064



1 OFFICE WEST ELEVATION  
3/16" = 1'-0"



2 OFFICE NORTH ELEVATION  
3/16" = 1'-0"



- ### CONSTRUCTION NOTES
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- NOTE: NOT ALL NOTES MAY APPLY.
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  - EMERGENCY BACKUP LIGHT IS TO BE PROVIDED AT EACH EXIT DOOR. SEE ELECTRICAL DRAWINGS 4 SPECS.
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  - G.C. AND EC RESPONSIBLE FOR COORDINATING JUNCTION BOX, POWER, BLOCKING PRIOR TO INSTALLATION OF INTERIOR OR EXTERIOR SHEATHING AT ALL SIGNAGE, EXTERIOR BUILDING LIGHTING, CAMERAS, OUTLETS, ETC. GC AND EC TO SUBMIT ONE COMPREHENSIVE COORDINATION DRAWING WITH LOCATIONS AND MOUNTING HEIGHTS SHOWN FOR EACH ITEM.
  - MIN. 5x5 IMPERVIOUS AREA REQUIRED AT EACH EXIT DOOR. G.C. TO PROVIDE EXTERIOR CONCRETE PADS IF OFFRAMP IS NOT PROVIDED FOR ON CIVIL DRAWINGS. SEE STRUCTURAL AND CIVIL DRAWINGS AND SPECIFICATIONS.
  - PEMB MANUFACTURER: REVIEW ALL ASSEMBLY BUILDING DRAWINGS AND NOTE ALL OPENINGS, ROOF MOUNTED EQUIPMENT, SIDE WALL MOUNTED EQUIPMENT / LEAKERS, LIGHT FIXTURE LOCATIONS, SYSTEM EQUIPMENT, ETC.
  - EXISTING NORTH / EAST / WEST EXTERIOR CMU TO REMAIN UN, EXISTING STRUCTURE TO REMAIN EXCEPT WHERE NOTED.
  - EXISTING EXTERIOR FACADE IS TO BE POWER WASHED.
  - THE GLAZING WITHIN GALLERY IS TO BE REPLACED WITH SPANDREL GLASS.

### KEY NOTES

07.7200.01	BILCO ROOF HATCH 48" X 48"
06.1113.31	WELDED EXTERIOR RM DOOR
06.4112.11	ALUMINUM FRAMED DOOR, MEDIUM STYLE
06.9100.01	AUTOMATED INTERLOCKING ALUMINUM LOUVER
NO_CODE.12	REMOVED AND REPLACED GLAZING WITH SPANDREL GLASS.

### LEGEND

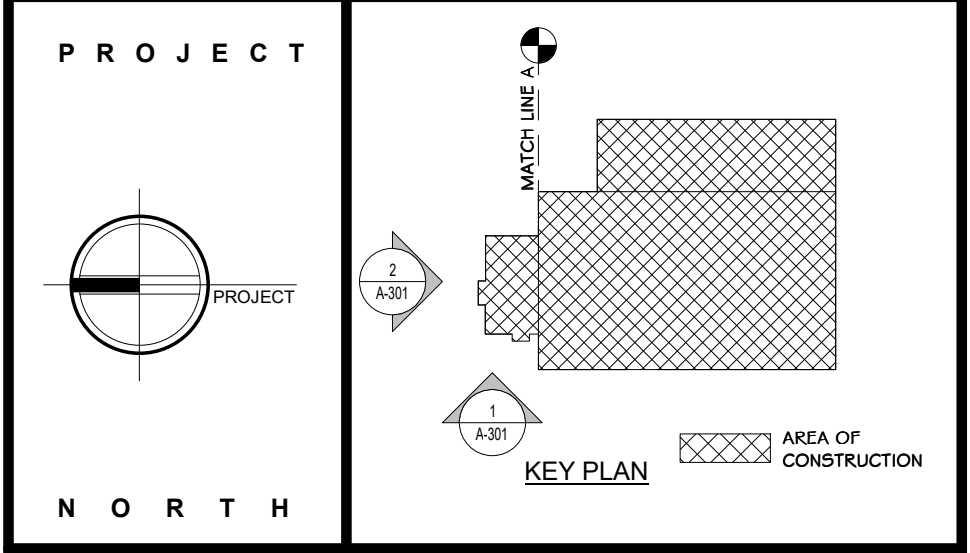
LINE TYPE	DESCRIPTION
---	LINE OF FOUNDATION OUTLINE-SEE STRUCTURAL DRAWING # SPECIFICATIONS
---	LINE OF GRADE IN FOREGROUND

### EXTERIOR FINISH SCHEDULE

MARK	MATERIAL NAME	MATERIAL SPECIFICATION	COLOR	MANUFACTURER / SUPPLIER	IMAGE
GP-2	GLASS, SPANDREL	SPANDREL GLASS PANEL	TO MATCH GLAZING		
MP-1	(13.3419.120) STANDARD RIBBED SIDING PANEL BY PEMB	(13.3419.120) STANDARD RIBBED SIDING PANEL BY PEMB		-SEE SPECS.	
R-1	(13.3418.110) STANDING SEAM 1-1/2" ROOF PANEL BY PEMB	STANDING SEAM 1-1/2" ROOF PANEL BY PEMB			

### EXTERIOR PAINTED SURFACES

SYMBOL	SURFACE	1ST COAT	2ND COAT	3RD COAT
PS-1	FERRUGINOUS 4 GALVANIZED METAL	MATERIAL: SHER-CRYL HIGH PERFORMANCE UNIVERSAL PRIMER (866-310)	MATERIAL: SHER-CRYL HIGH PERFORMANCE ACRYLIC GLOSS (866-300)	MATERIAL: SHER-CRYL HIGH PERFORMANCE ACRYLIC GLOSS (866-300)
PS-2	ASPHALT PAVING	MATERIAL: SETFAST ACRYLIC WATERBORNE TRAFFIC MARKING PAINT		



**STERLING**  
Sterling Environmental Engineering, P.C.

**martin rogers**  
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**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING  
INTERIORS  
20 WALL LANE • HIGHTSTOWN • NJ 08520  
WWW.AGSGROUP.COM CONTACT@AGSGROUP.COM

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NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**ENLARGED NORTH & WEST EXTERIOR OFFICE ELEVATIONS**

BY	DATE	PROJ. No:	SCALE:
DRAWN	IDEA 07/09/21	499-010	AS SHOWN
CHECKED	ANG 07/09/21	DWG. NO:	A-301
DESIGNED	ANG 07/09/21	CAD FILE:	
APPROVED	ANG 07/09/21	SHEET SIZE:	D-24x36
APPROVED			REV

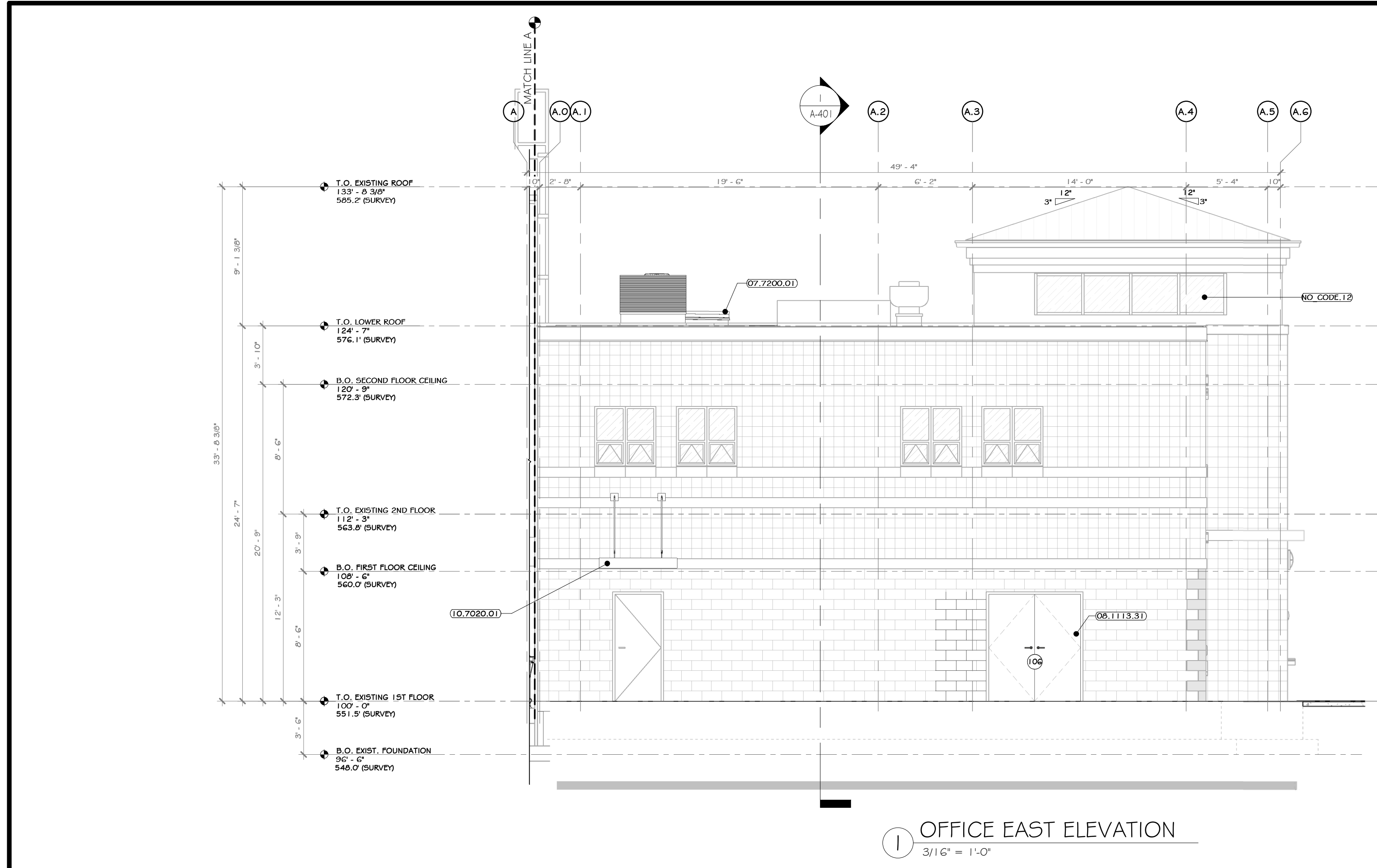


REV	DESCRIPTION	DATE	BY	CHK
B	REVISED FOR RFP ADDENDUM 6	07-21-21		
A	ISSUED FOR RFP	07-06-21		
REV	DESCRIPTION	DATE	BY	CHK

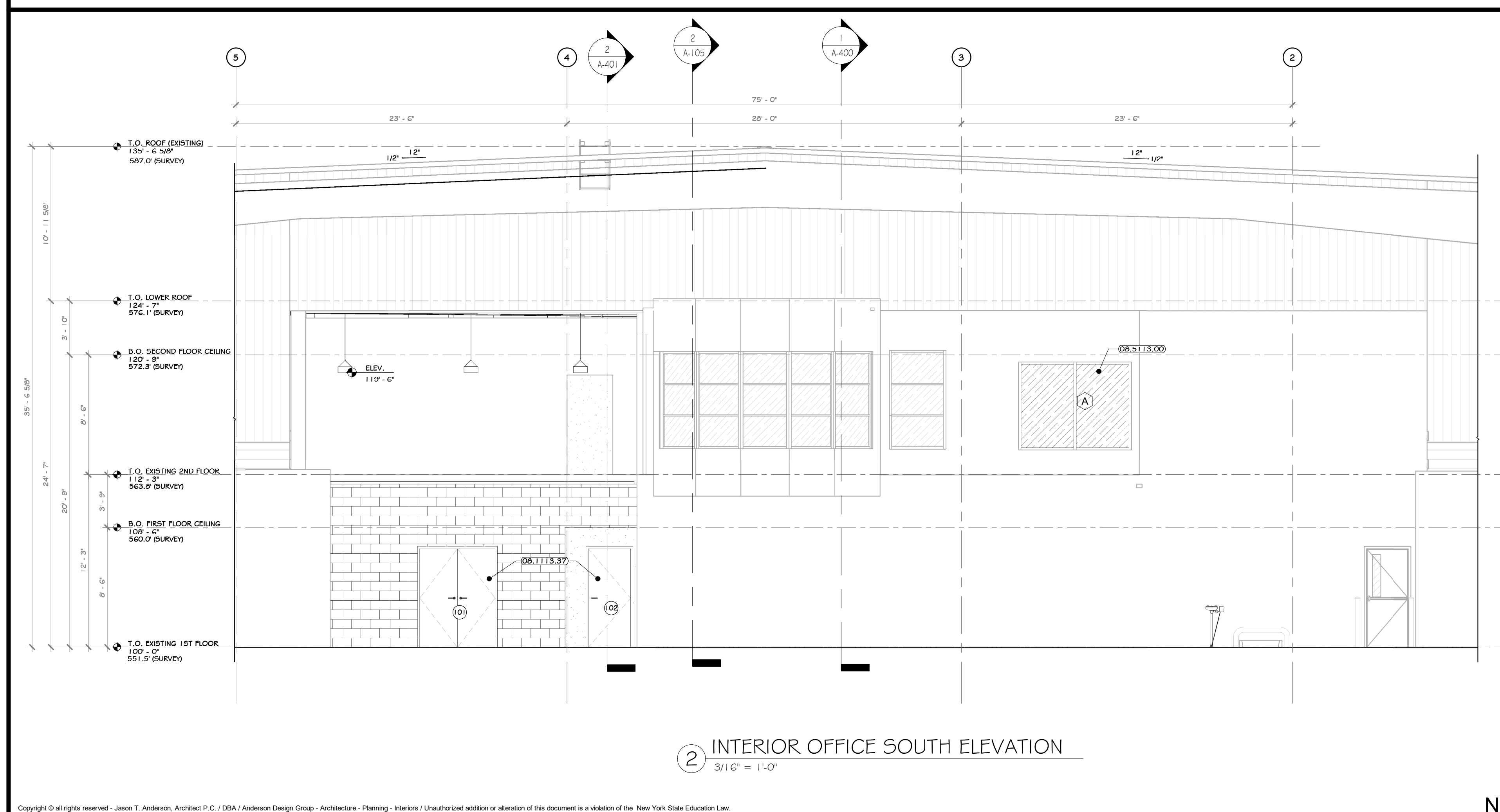
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**RRT Engineering, LLC**  
1 Huntington Quadrangle, 5801  
Melville, NY 11747  
ph: 631-756-1000  
fax: 631-756-1064

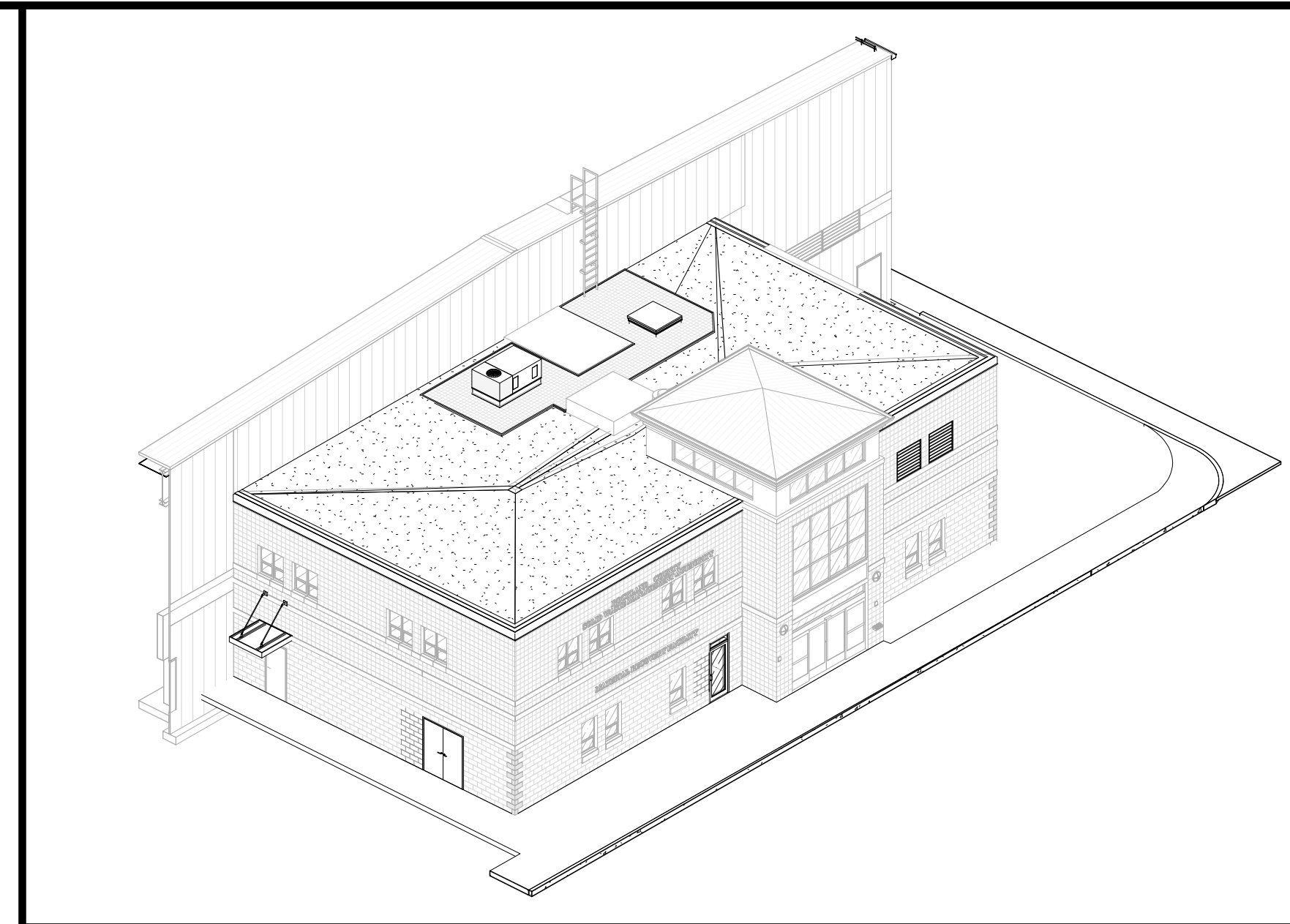
NOT FOR CONSTRUCTION



1 OFFICE EAST ELEVATION  
3/16" = 1'-0"



2 INTERIOR OFFICE SOUTH ELEVATION  
3/16" = 1'-0"



- ### CONSTRUCTION NOTES
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  - EMERGENCY BACKUP LIGHT IS TO BE PROVIDED AT EACH EXIT DOOR. SEE ELECTRICAL DRAWINGS 4 SPECS.
  - ILLUMINATED SIGNS ATTACHED TO BUILDING ARE TO BE PROVIDED AND INSTALLED BY AN OWNER APPROVED VENDOR, HIRED BY G.C. VENDOR TO SUBMIT APPLICATION TO CITY FOR APPROVAL. G.C. TO PROVIDE BLOCKING FOR MOUNTING.
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  - EXISTING NORTH / EAST / WEST EXTERIOR CMU TO REMAIN UN, EXISTING STRUCTURE TO REMAIN EXCEPT WHERE NOTED.
  - EXISTING EXTERIOR FACADE IS TO BE POWER WASHED.
  - THE GLAZING WITHIN GLAZED ENTRY IS TO BE REPLACED WITH SPANDREL GLASS.

### KEY NOTES

07.7200.01 | BILCO ROOF HATCH 48" X 48"  
 08.1113.31 | WELDED EXTERIOR FIRE DOOR  
 08.1113.37 | WELDED INTERIOR FIRE RATED RM  
 08.5113.00 | FIXED ALUMINUM WINDOW, KAWNEER SERIES 6400L, MODEL 6410TL  
 10.7020.01 | ARCHITECTURAL CANOPY, INTERNAL GUTTER AND DRAIN: EXTRUDECK  
 NO. CODE 12 | REMOVED AND REPLACED GLAZING WITH SPANDREL GLASS.

### LEGEND

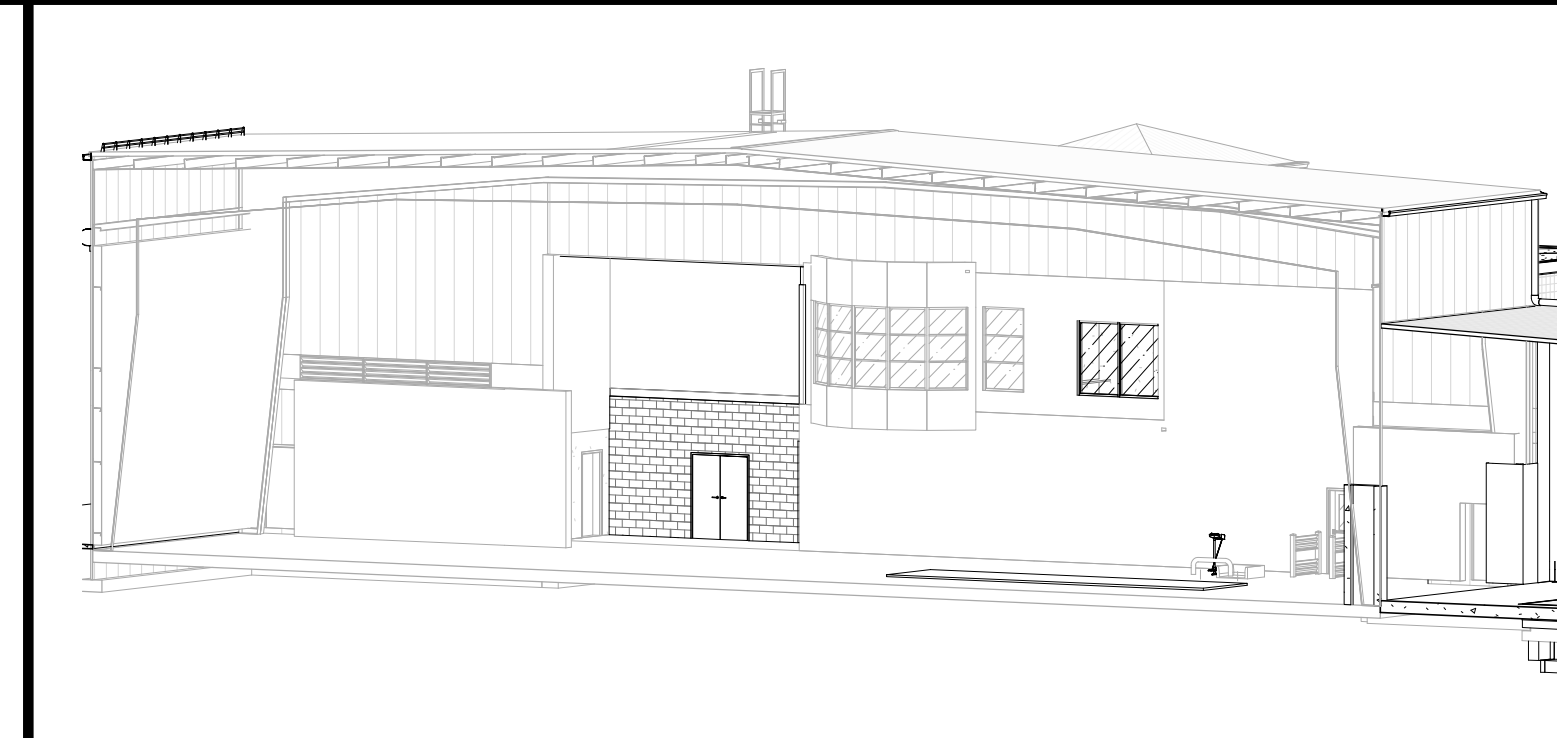
LINE TYPE	DESCRIPTION
---	LINE OF FOUNDATION OUTLINE-SEE STRUCTURAL DRAWING 4 SPECSIFICATIONS
---	LINE OF GRADE IN FOREGROUND

### EXTERIOR FINISH SCHEDULE

MARK	MATERIAL NAME	MATERIAL SPECIFICATION	COLOR	MANUFACTURER / SUPPLIER	IMAGE
GP-2	GLASS, SPANDREL	SPANDREL GLASS PANEL	TO MATCH GLAZING		
MP-1	(13.3419.120) STANDARD RIBBED SIDING PANEL BY PEMB	13.3419.120 STANDARD RIBBED SIDING PANEL BY PEMB		SEE SPECS.	
R-1	(13.3419.110) STANDING SEAM 1-1/2" ROOF PANEL BY PEMB	STANDING SEAM 1-1/2" ROOF PANEL BY PEMB			

### EXTERIOR PAINTED SURFACES

SYMBOL	SURFACE	1ST COAT	2ND COAT	3RD COAT
PS-1	FERRUCUS 4 GALVANIZED METAL	MATERIAL: SHER-CRYL HIGH PERFORMANCE UNIVERSAL PRIMER (B66-310)	MATERIAL: SHER-CRYL HIGH PERFORMANCE ACRYLIC GLOSS (B66-300)	MATERIAL: SHER-CRYL HIGH PERFORMANCE ACRYLIC GLOSS (B66-300)
PS-2	ASPHALT PAVING	MATERIAL: SETFAST ACRYLIC WATERBOURNE TRAFFIC MARKING PAINT		



### PROJECT

PROJECT: [Symbol]

KEY PLAN: [Symbol] AREA OF CONSTRUCTION

NORTH: [Symbol]

**STERLING**  
Sterling Environmental Engineering, P.C.

**martinrogers**  
ENGINEERING CONSULTANTS  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18703  
1-570-826-1000 | 1-570-825-0888 | www.mrspc.com

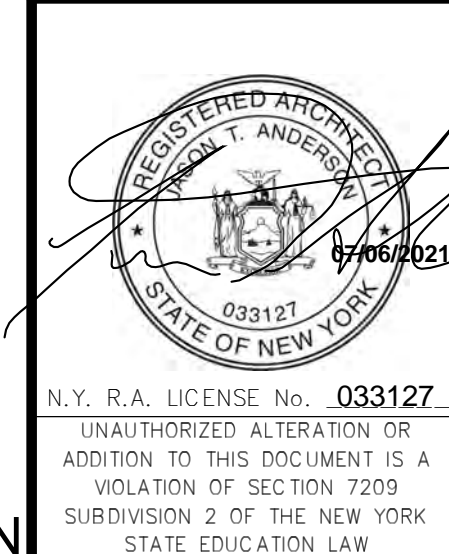
**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING  
INTERIORS  
20 WALL LANE • WASHINGTON • NY 10984  
G. 848. 262.076 • F. 848. 363.642  
WWW.AGANDERSON.COM CONTACT@AGANDERSON.COM

**RRT Engineering, LLC**  
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NY COA # 0017967

**Rockland Green**  
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420 TORNE VALLEY ROAD, HILLBURN, NY 10931

### ENLARGED SOUTH & EAST EXTERIOR OFFICE ELEVATIONS

BY	DATE	PROJ. No:	SCALE:
DRAWN	IDEA 07/09/21	499-010	AS SHOWN
CHECKED	ANG 07/09/21	DWG. NO:	A-302
DESIGNED	ANG 07/09/21	CAD FILE:	
APPROVED	ANG 07/09/21	SHEET SIZE:	D-24x36
APPROVED			REV



REV	DESCRIPTION	DATE	BY	CHK
B	REVISED FOR RFP ADDENDUM 6	07-21-21		
A	ISSUED FOR RFP	07-06-21		

PROPRIETARY DATA  
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**RRT Engineering, LLC**  
 1 Huntington Quadrangle, 3501  
 Melville, NY 11747  
 ph: 631-756-1060 fax: 631-756-1064

NOT FOR CONSTRUCTION





**CONSTRUCTION NOTES**

- NOTE: NOT ALL NOTES MAY APPLY.
- SNOW GUARDS ARE TO BE PROVIDED AT ALL ROOF EAVES OVER EXTERIOR DOORS, EXTEND MINIMUM OF 36" EACH SIDE OF DOOR. SEE SPECS AND ROOF PLAN.
  - EMERGENCY BACKUP LIGHT IS TO BE PROVIDED AT EACH EXIT DOOR. SEE ELECTRICAL DRAWINGS 4 SPECS.
  - ILLUMINATED SIGNS ATTACHED TO BUILDING ARE TO BE PROVIDED AND INSTALLED BY AN OWNER APPROVED VENDOR, HIRED BY G.C. VENDOR TO SUBMIT APPLICATION TO CITY FOR APPROVAL. G.C. TO PROVIDE BIDDING FOR MOUNTING.
  - G.C. AND EC RESPONSIBLE FOR COORDINATING JUNCTION BOX, POWER, BLOCKING PRIOR TO INSTALLATION OF INTERIOR OR EXTERIOR SHEATHING AT ALL SIGNAGE, EXTERIOR BUILDING LIGHTING, CAMERAS, OUTLETS, ETC. GC AND EC TO SUBMIT ONE COMPREHENSIVE COORDINATION DRAWING WITH LOCATIONS AND MOUNTING HEIGHTS SHOWN FOR EACH ITEM.
  - MIN. 5x5 IMPERVIOUS AREA REQUIRED AT EACH EXIT DOOR. G.C. TO PROVIDE EXTERIOR CONCRETE PADS IF ASPHALT IS NOT PROVIDED FOR ON CIVIL DRAWINGS. SEE STRUCTURAL AND CIVIL DRAWINGS AND SPECIFICATIONS.
  - PEMB MANUFACTURER: REVIEW ALL ASSUMED BUILDING DRAWINGS AND NOTE ALL OPENINGS, ROOF MOUNTED EQUIPMENT, SIDE WALL MOUNTED EQUIPMENT / LOUVERS, LIGHT FIXTURE LOCATIONS, SYSTEM EQUIPMENT, ETC.
  - EXISTING NORTH EAST / WEST EXTERIOR CMU TO REMAIN UN, EXISTING STRUCTURE TO REMAIN EXCEPT WHERE NOTED.
  - EXISTING EXTERIOR FACADE IS TO BE POWER WASHED.
  - THE GLAZING WITHIN GLAZED ENTRY IS TO BE REPLACED WITH SPANDREL GLASS.
  - EXISTING PEVB PANELS ARE TO BE REPAIRED/REPLACED WHERE REQUIRED.

**KEY NOTES**

- 07.7200.40 SNOW FENCE FOR STANDING SEAM ROOF, 2 PIPE TYPE
- 13.3419.110 STANDING SEAM 1-1/2" ROOF PANEL BY PEMB
- 13.3419.120 STANDARD RIBBED SIDING PANEL BY PEMB

**LEGEND**

LINE TYPE	DESCRIPTION
---	LINE OF FOUNDATION OUTLINE-SEE STRUCTURAL DRAWING 4 SPECIFICATIONS
---	LINE OF GRADE IN FOREGROUND

**EXTERIOR FINISH SCHEDULE**

MARK	MATERIAL NAME	MATERIAL SPECIFICATION	COLOR	MANUFACTURER / SUPPLIER	IMAGE
GP-2	GLASS, SPANDREL	SPANDREL GLASS PANEL	TO MATCH GLAZING		
MP-1	(13.3419.120) STANDARD RIBBED SIDING PANEL BY PEMB	13.3419.120 STANDARD RIBBED SIDING PANEL BY PEMB		-SEE SPECS.	
R-1	(13.3419.110) STANDING SEAM 1-1/2" ROOF PANEL BY PEMB	STANDING SEAM 1-1/2" ROOF PANEL BY PEMB			

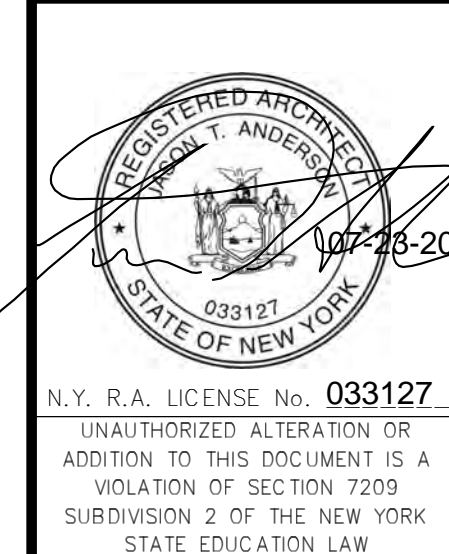
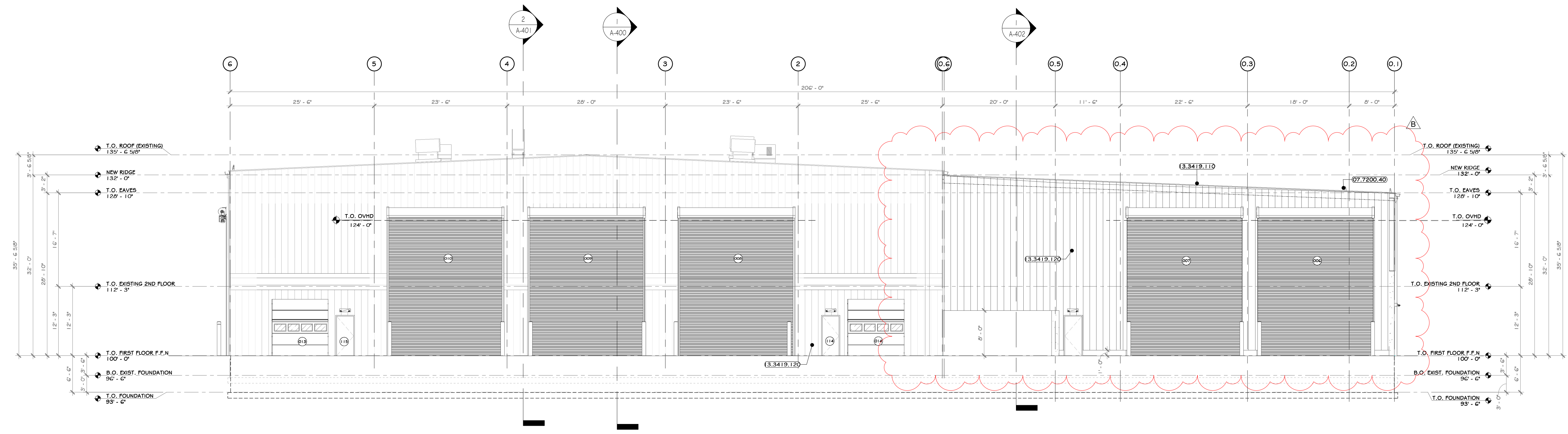
**EXTERIOR PAINTED SURFACES**

SYMBOL	SURFACE	1ST COAT	2ND COAT	3RD COAT
PS-1	FERRUGINOUS 4 GALVANIZED METAL	MATERIAL: SHER-CRYL HIGH PERFORMANCE UNIVERSAL PRIMER (866-310)	MATERIAL: SHER-CRYL HIGH PERFORMANCE ACRYLIC GLOSS (866-300)	MATERIAL: SHER-CRYL HIGH PERFORMANCE ACRYLIC GLOSS (866-300)
PS-2	ASPHALT PAVING	MATERIAL: SETFAST ACRYLIC WATERBORNE TRAFFIC MARKING PAINT		

**PROJECT**

**KEY PLAN** AREA OF CONSTRUCTION

**INDUSTRIAL EAST ELEVATION**  
1" = 10'-0"



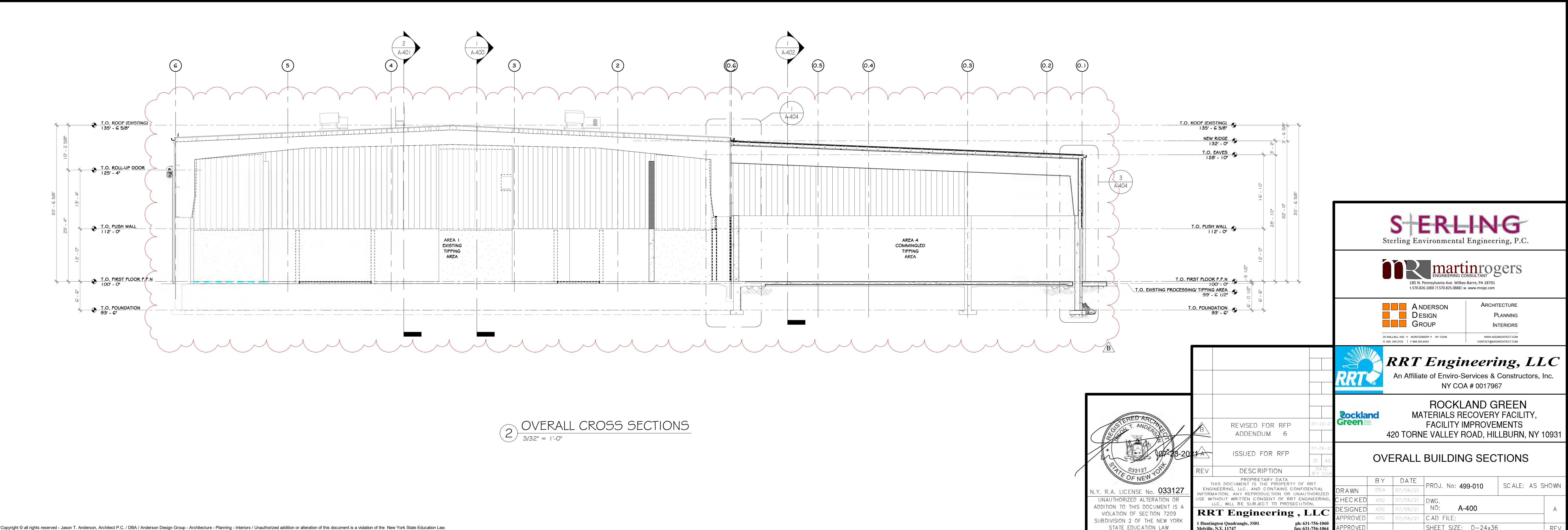
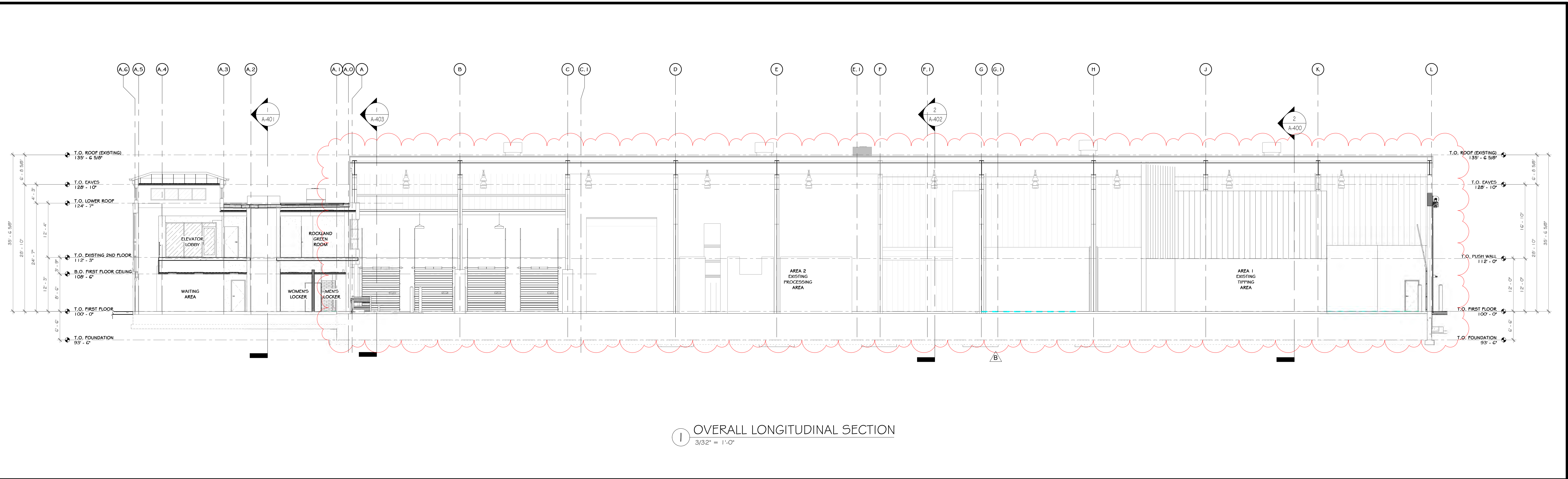
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6	REVISED FOR RFP ADDENDUM	07-23-24
5	ISSUED FOR RFP	07-06-24

**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
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**RRT Engineering, LLC**  
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NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

BY	DATE	PROJ. No:	SCALE:
IDEA	07/09/21	499-010	AS SHOWN
DWG.	07/09/21	A-303	
CAD FILE:			
SHEET SIZE:	D-24x36		



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**martin rogers**  
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FACILITY IMPROVEMENTS  
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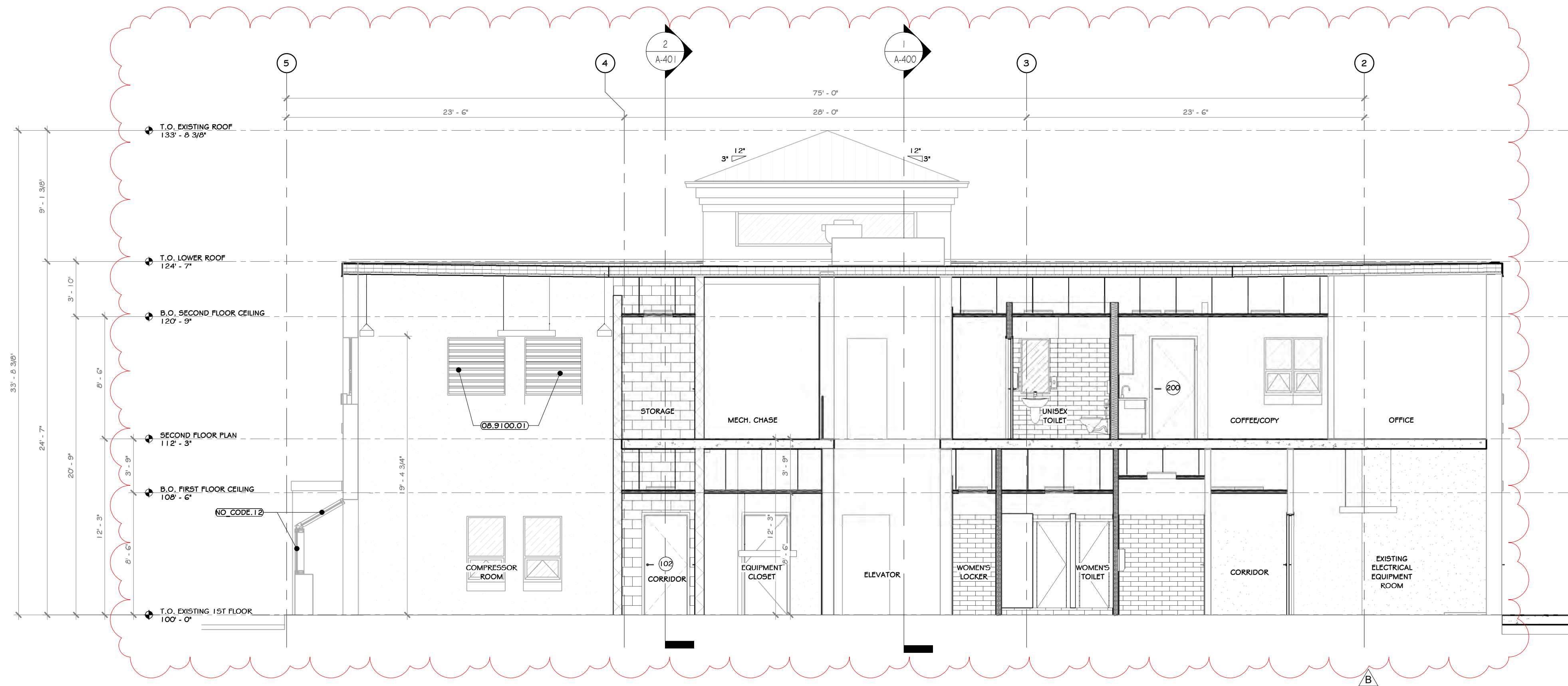
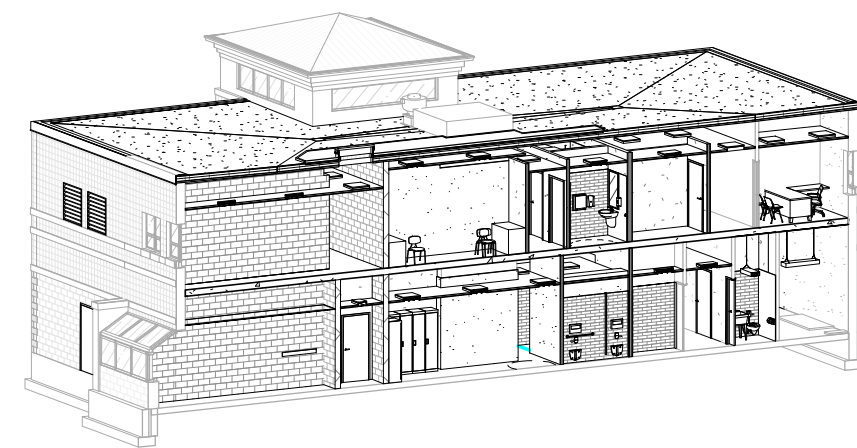
**OVERALL BUILDING SECTIONS**

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5	ISSUED FOR RFP	07-06-21	IDEA	ADG	07/06/21	ADG
4	DESIGNED	07-06-21	IDEA	ADG	07/06/21	ADG
3	APPROVED	07-06-21	IDEA	ADG	07/06/21	ADG
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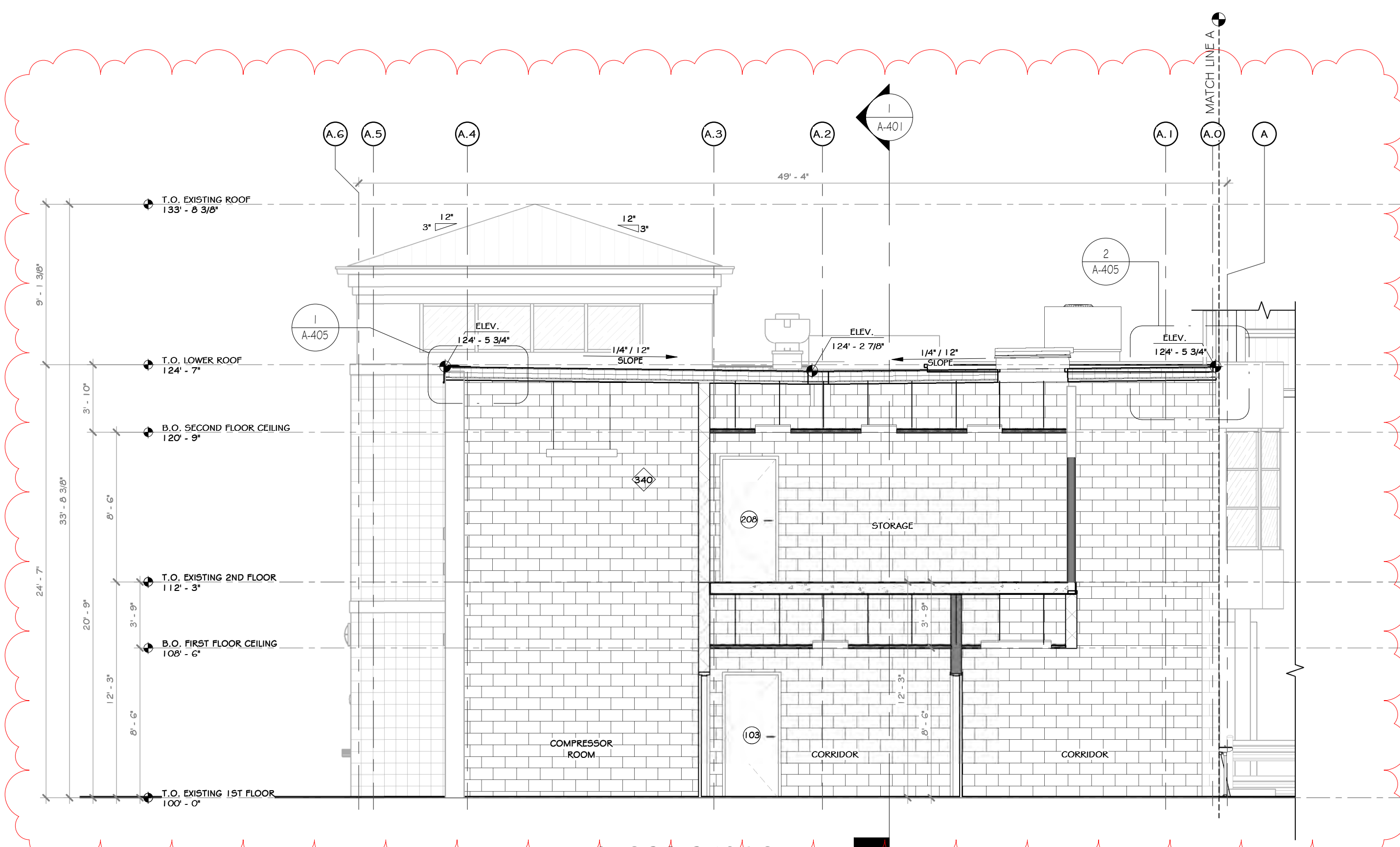
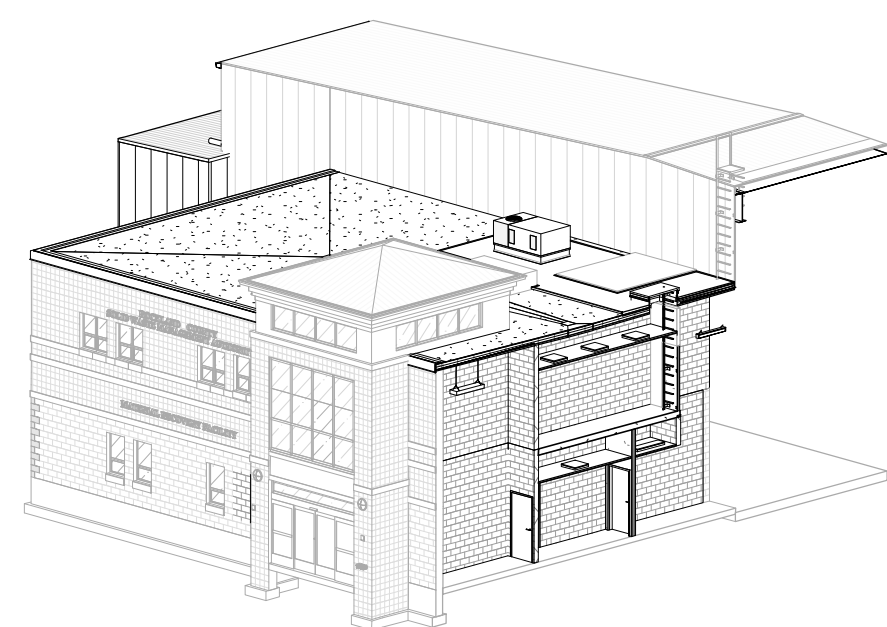
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 DESIGNED: ADG, DATE: 07/06/21, C.A.D. FILE:  
 APPROVED: ADG, DATE: 07/06/21, SHEET SIZE: D-24x36, REV

REGISTERED ARCHITECT  
JASON T. ANDERSON  
STATE OF NEW YORK  
033127  
N.Y. R.A. LICENSE No. 033127  
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Melville, N.Y. 11747  
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fax: 631-756-1064



1 LONGITUDINAL SECTION  
3/16" = 1'-0"



2 CROSS SECTION  
3/16" = 1'-0"

PROJECT

NORTH

KEY PLAN

AREA OF CONSTRUCTION

**STERLING**  
Sterling Environmental Engineering, P.C.

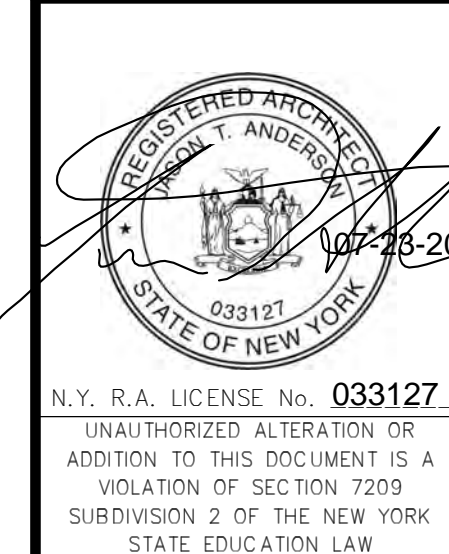
**martin rogers**  
ENGINEERING CONSULTANT  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
1.570.826.1000 | 1.570.825.0888 | www.mrspc.com

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420 TORNE VALLEY ROAD, HILLBURN, NY 10931

OFFICE BUILDING SECTIONS

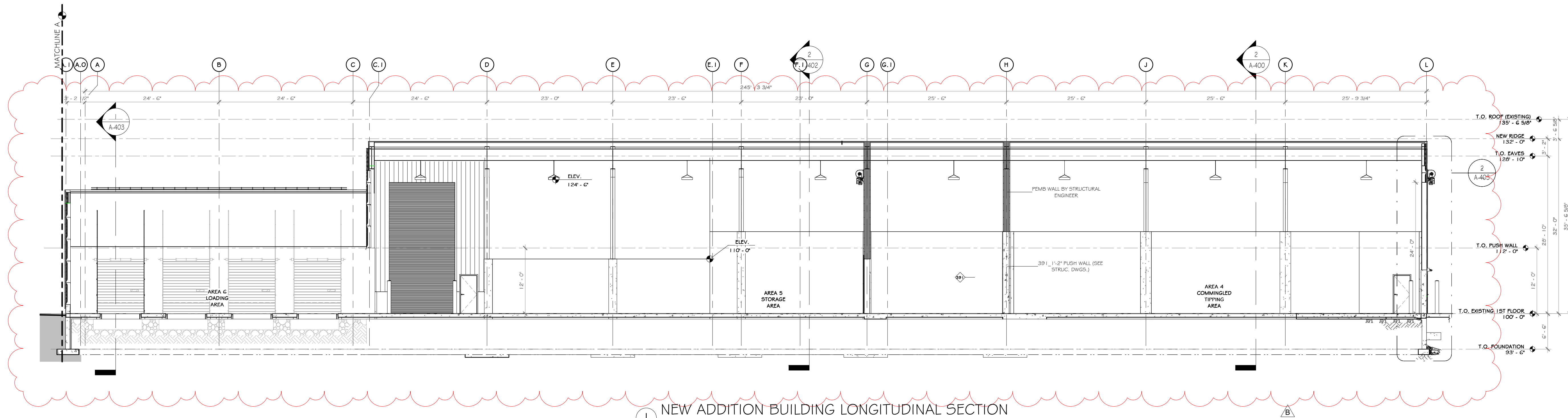
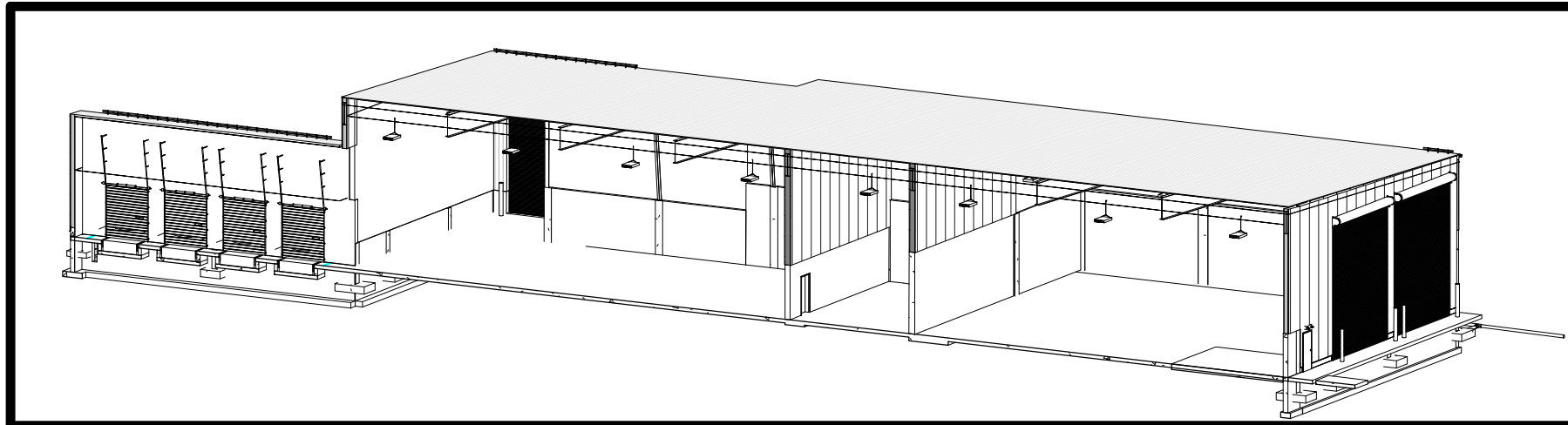


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2	ISSUED FOR RFP	07-06-21	ADG
3	PROPRIETARY DATA	07-06-21	ADG

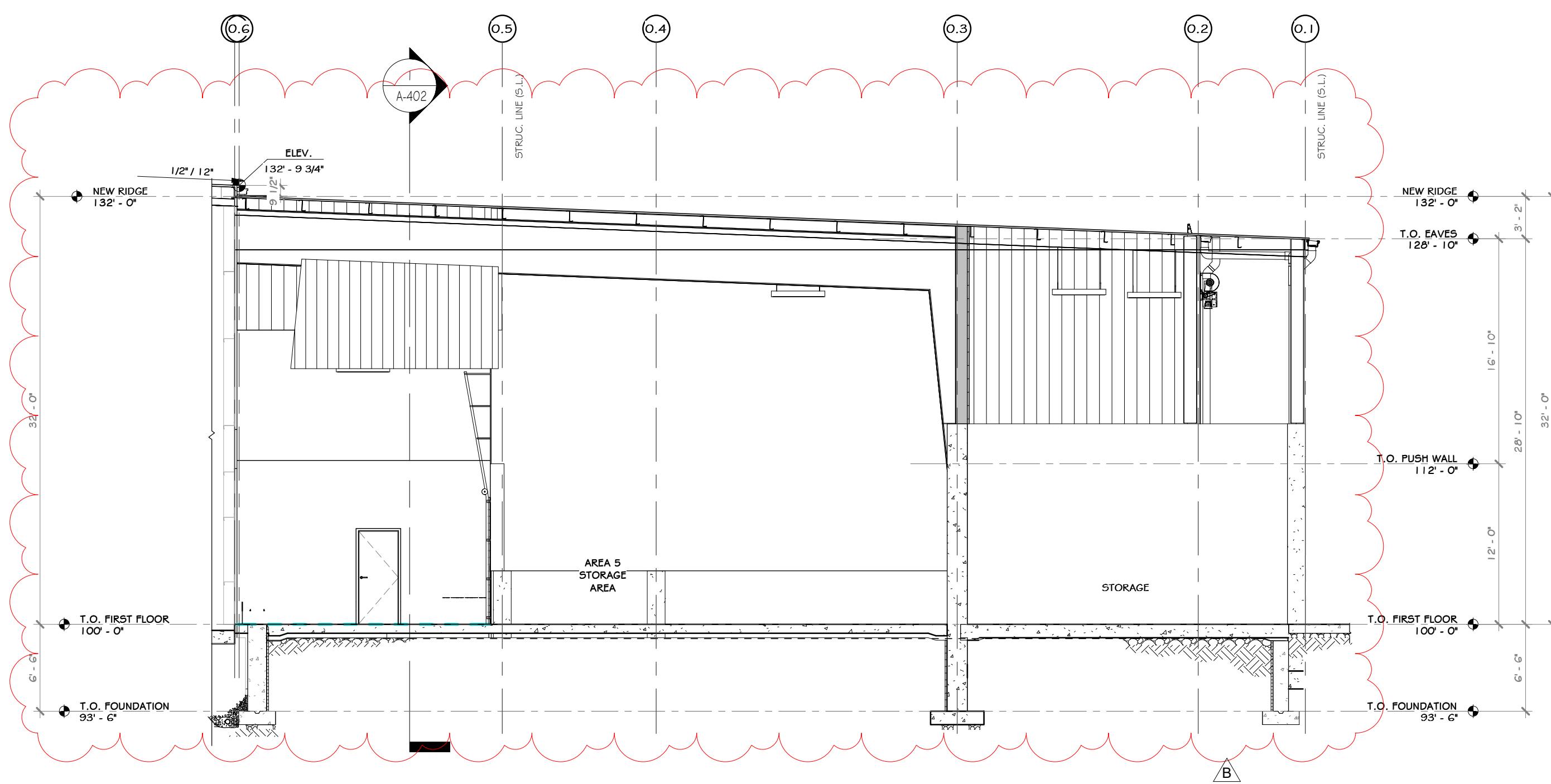
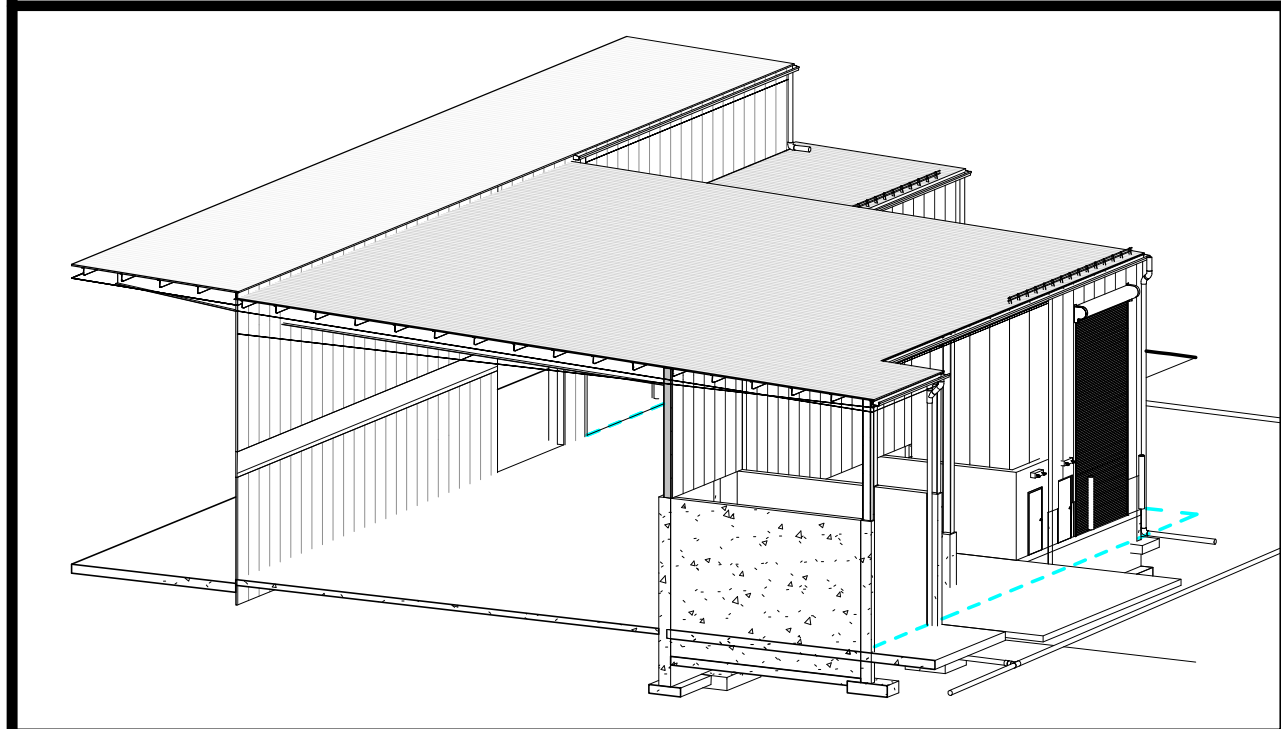
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APPROVED	ADG	07/06/21	SHEET SIZE:	D-24x36

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Melville, N.Y. 11747  
ph: 631-756-1000  
fax: 631-756-1064



1 NEW ADDITION BUILDING LONGITUDINAL SECTION  
1" = 10'-0"



2 CROSS SECTION @ STORAGE AREA  
1/8" = 1'-0"

PROJECT

NORTH

KEY PLAN

AREA OF CONSTRUCTION

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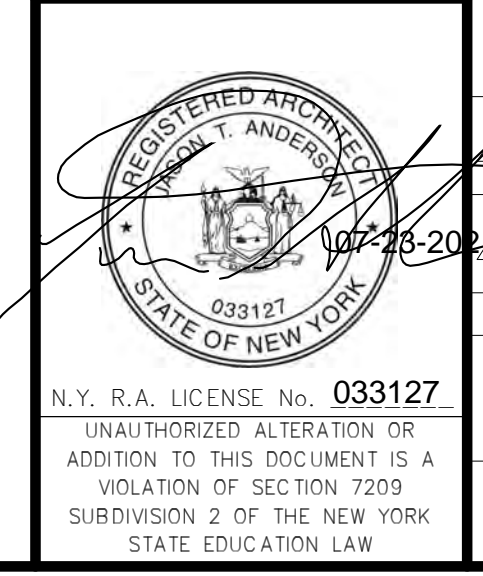
**martin rogers**  
ENGINEERING CONSULTANT  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
1-570-826-1000 | 1-570-825-0888 | www.mrspc.com

**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING  
INTERIORS

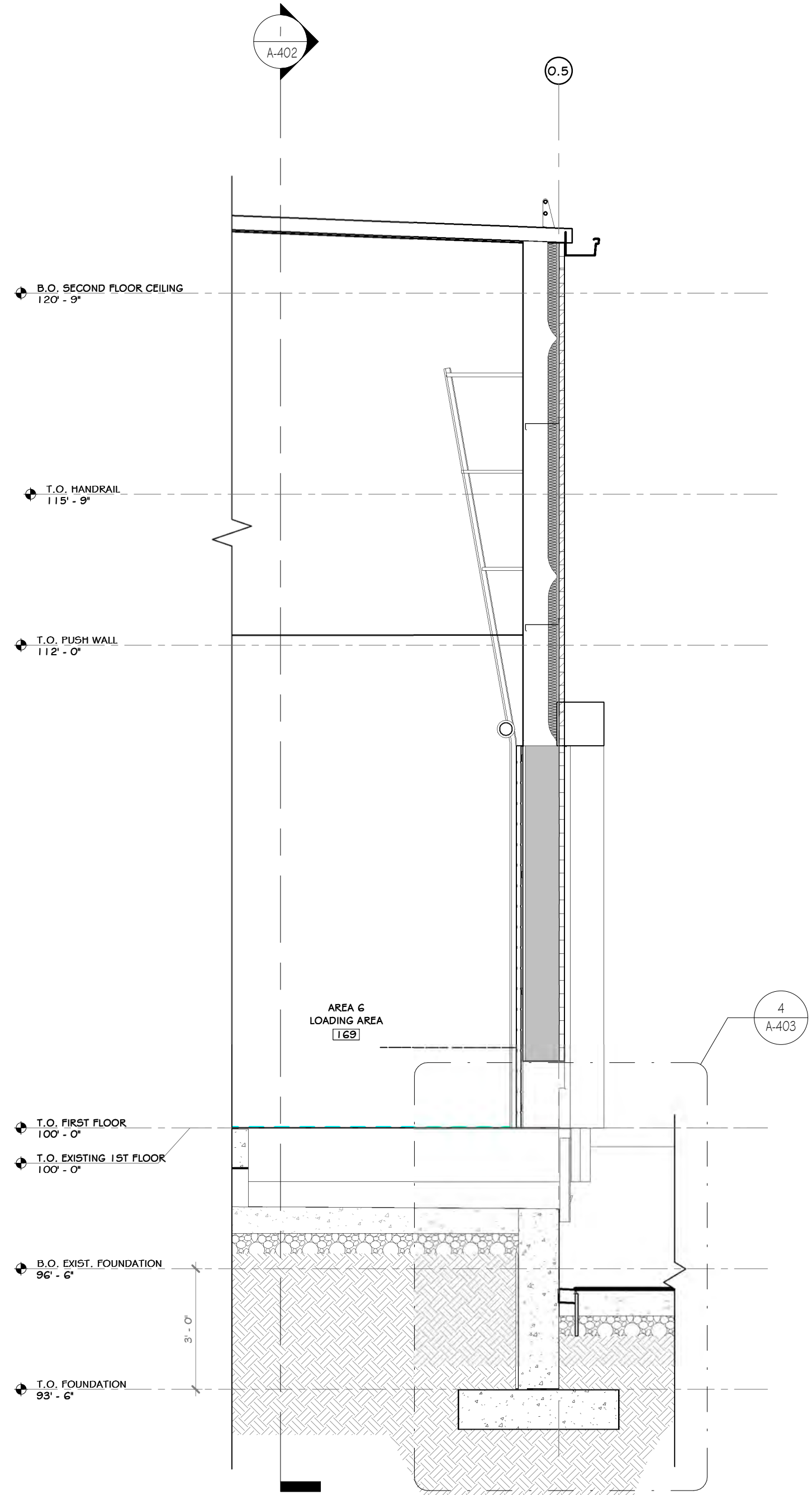
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NY COA # 0017967

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ROCKLAND GREEN  
MATERIALS RECOVERY FACILITY,  
FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

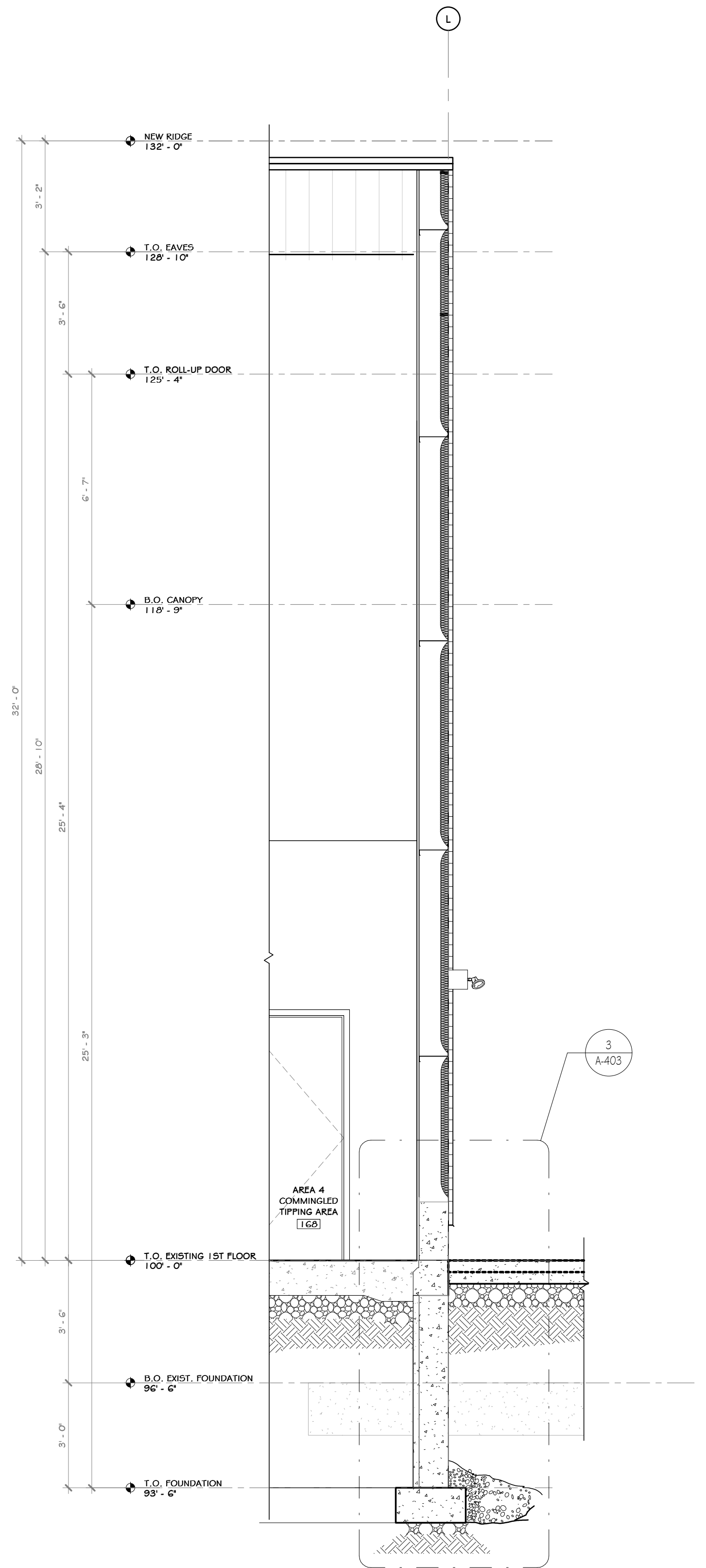
NEW ADDITION BUILDING SECTIONS			
BY	DATE	PROJ. No: 499-010	SCALE: AS SHOWN
DRAWN	IDEA	07/06/21	
CHECKED	ADG	07/06/21	DWG. NO: A-402
DESIGNED	ADG	07/06/21	CAD FILE:
APPROVED	ADG	07/06/21	SHEET SIZE: D-24x36
APPROVED			REV



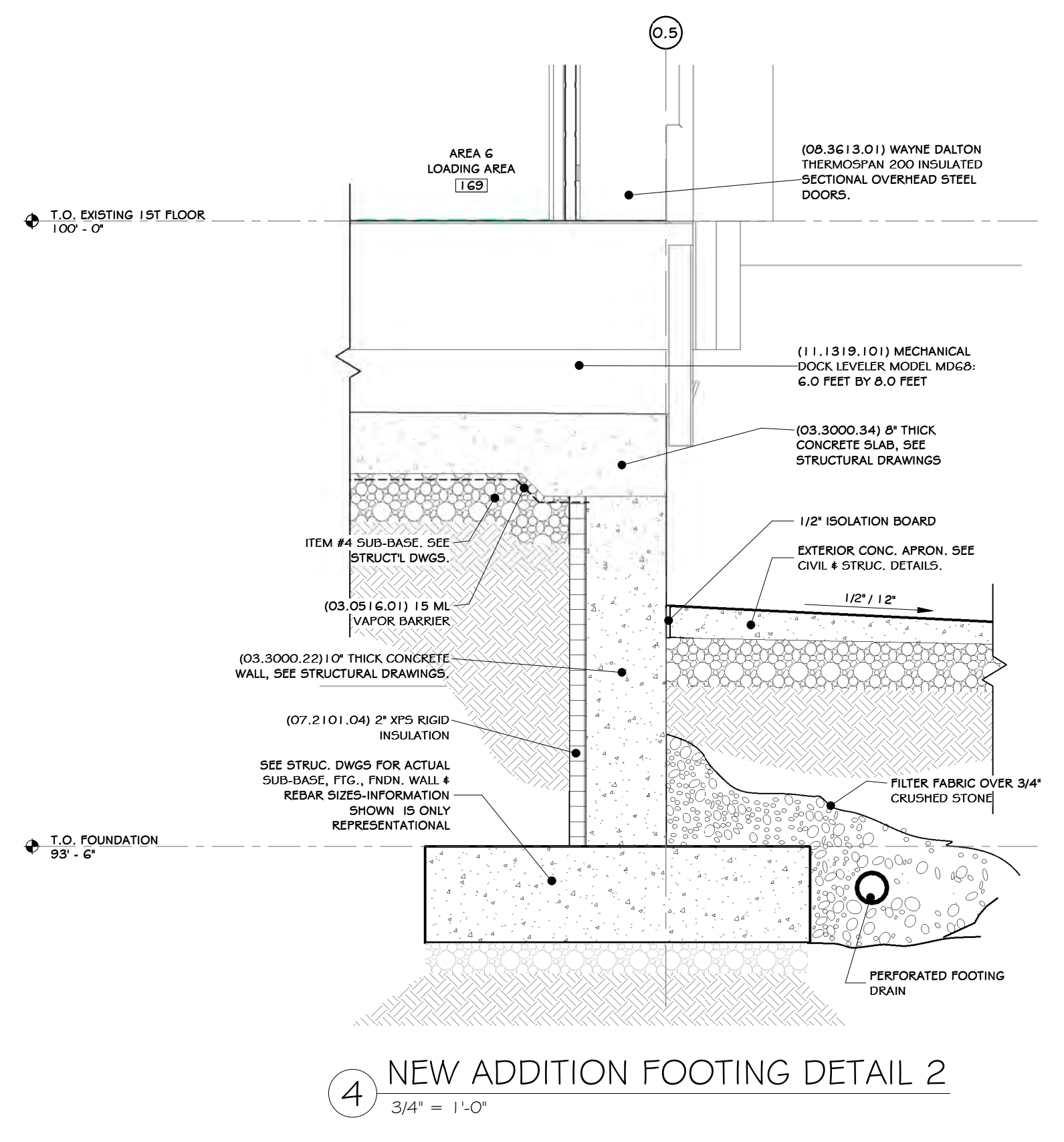
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2	ISSUED FOR RFP	07-06-21
3	PROPOSED BY CLIENT	07-06-21



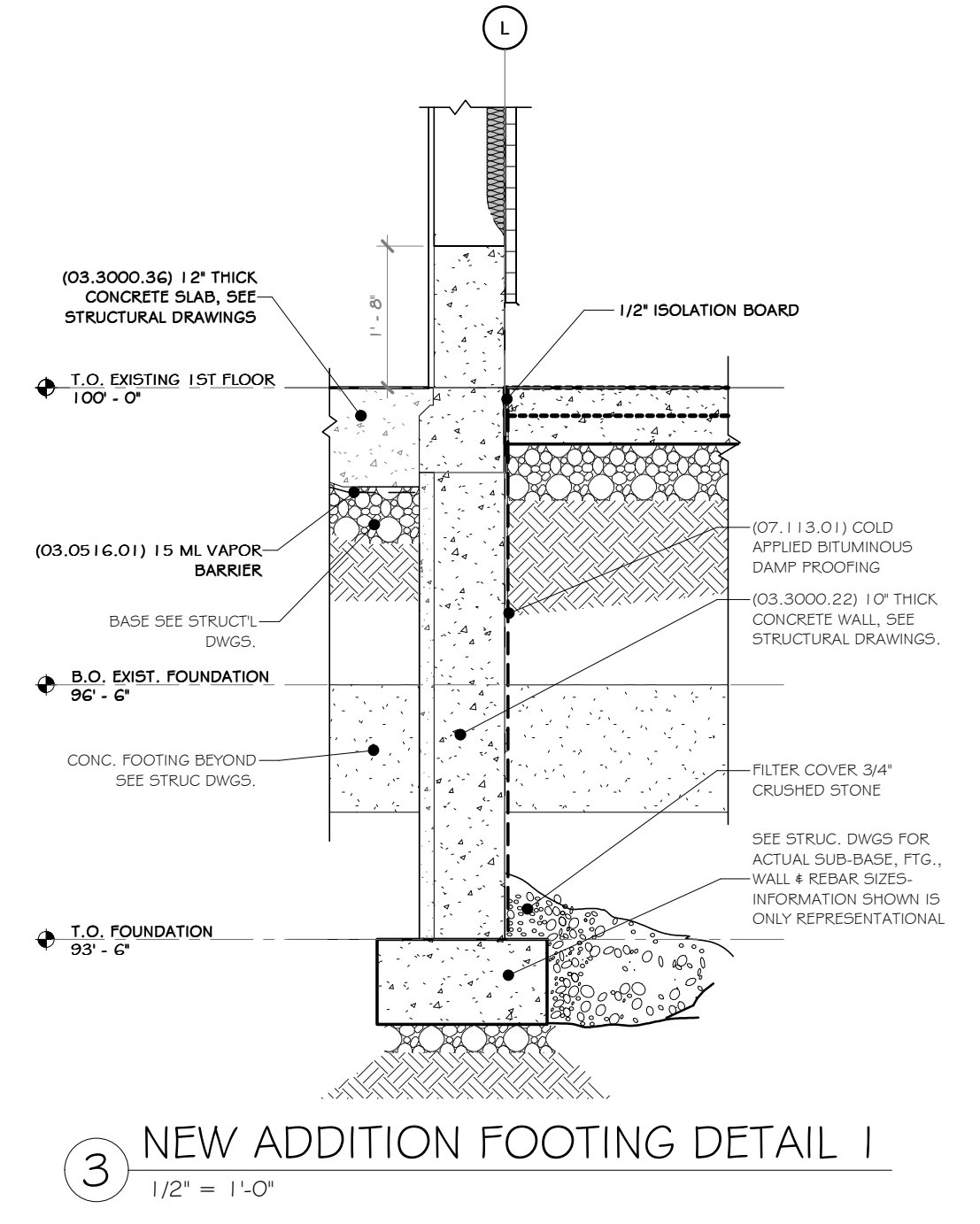
1 NEW ADDITION BUILDING WALL SECTION 3  
3/8" = 1'-0"



2 NEW ADDITION BUILDING WALL SECTION 4  
3/8" = 1'-0"



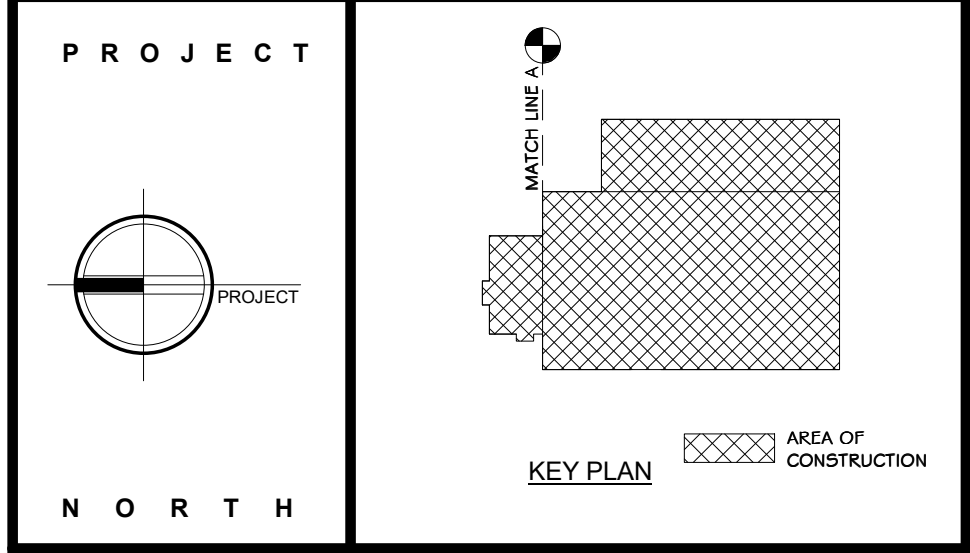
4 NEW ADDITION FOOTING DETAIL 2  
3/4" = 1'-0"



3 NEW ADDITION FOOTING DETAIL 1  
1/2" = 1'-0"

CONSTRUCTION NOTES

NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING  
1. NO CONSTRUCTION NOTES YET



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**martin rogers**  
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**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING INTERIORS  
24 WALL AVE. # 2000ROBERTO • NY 10044  
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NY COA # 0017967

**Rockland Green** ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

WALL SECTION DETAIL

NOTE: THE INTENT IS TO PROVIDE THE MINIMUM REQUIRED INSULATION TO MEET THE REQUIREMENTS FOR THE PRE-ENGINEERED METAL BUILDING WARRANTY.

REV	DESCRIPTION	DATE	BY
B	REVISED FOR RFP ADDENDUM 6	07-23-21	BY: CUD
A	ISSUED FOR RFP	07-06-21	BY: CUD

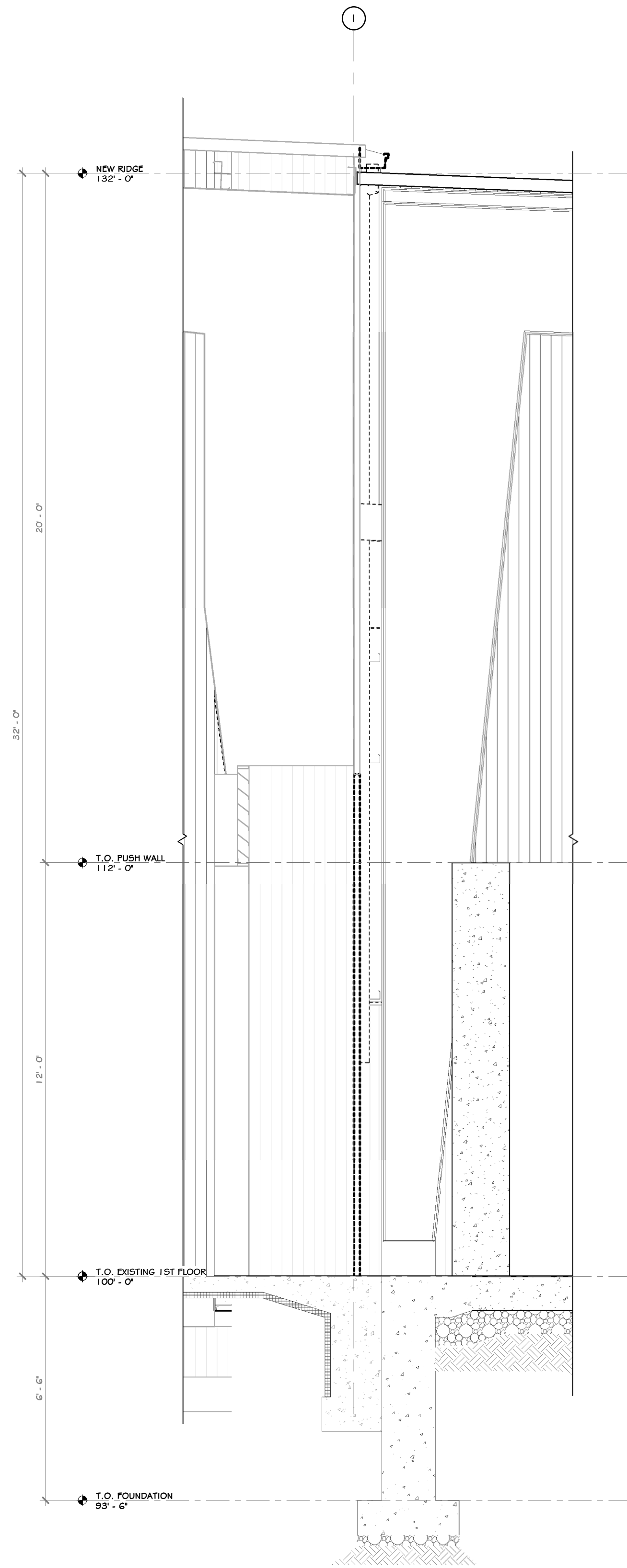
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fax: 631-756-1064

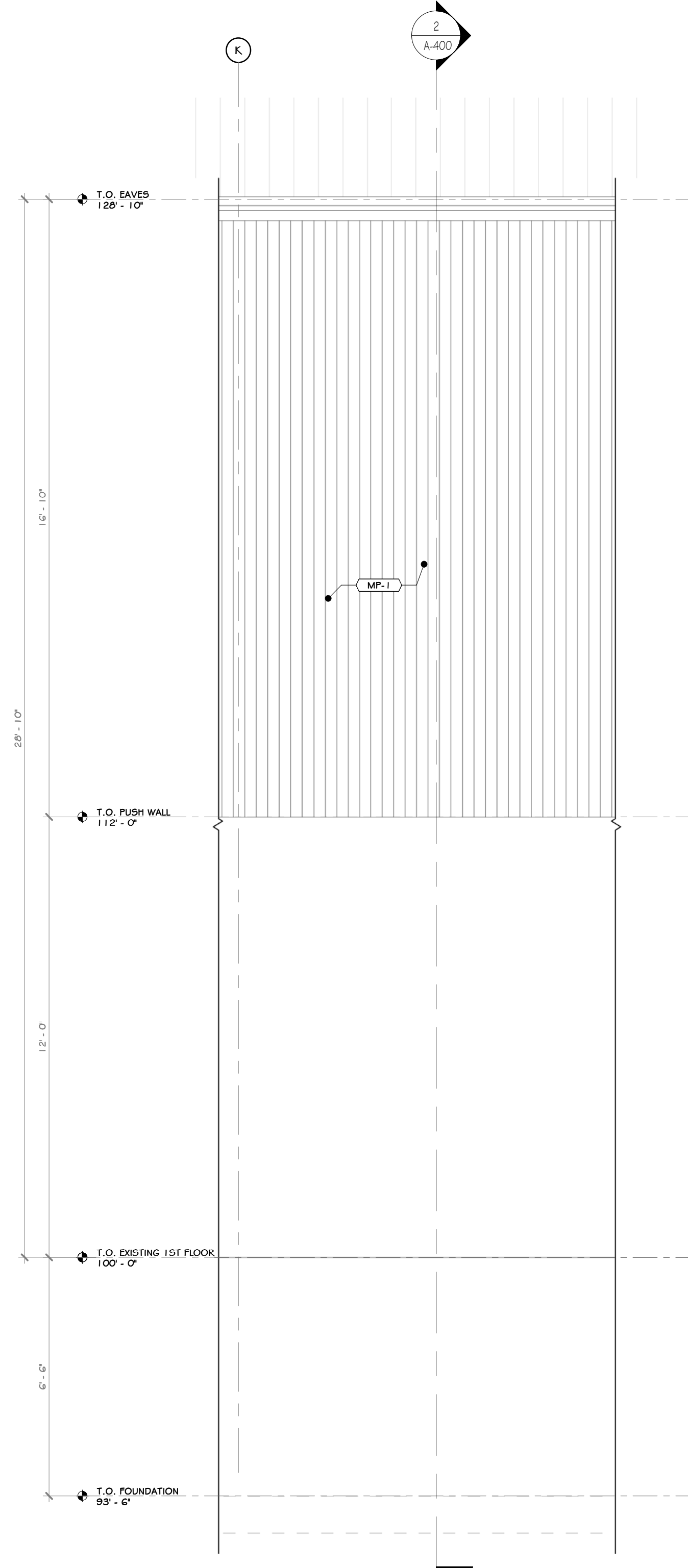


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APPROVED	DATE			
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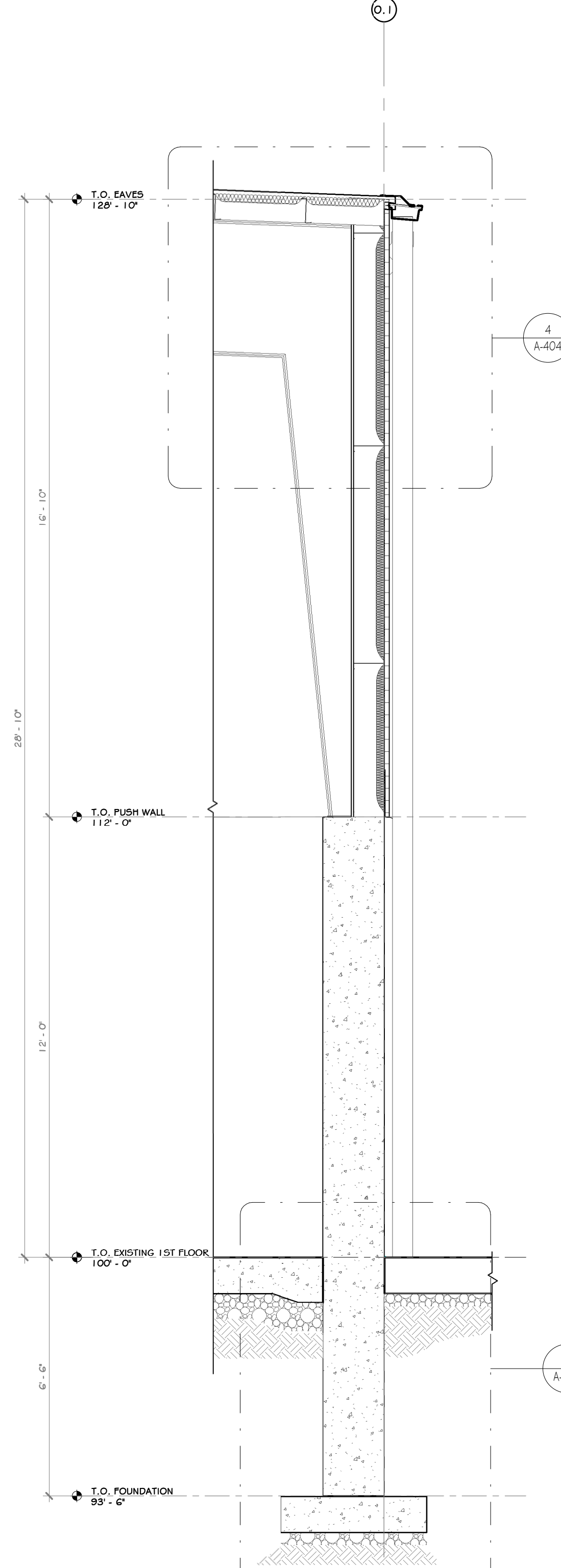
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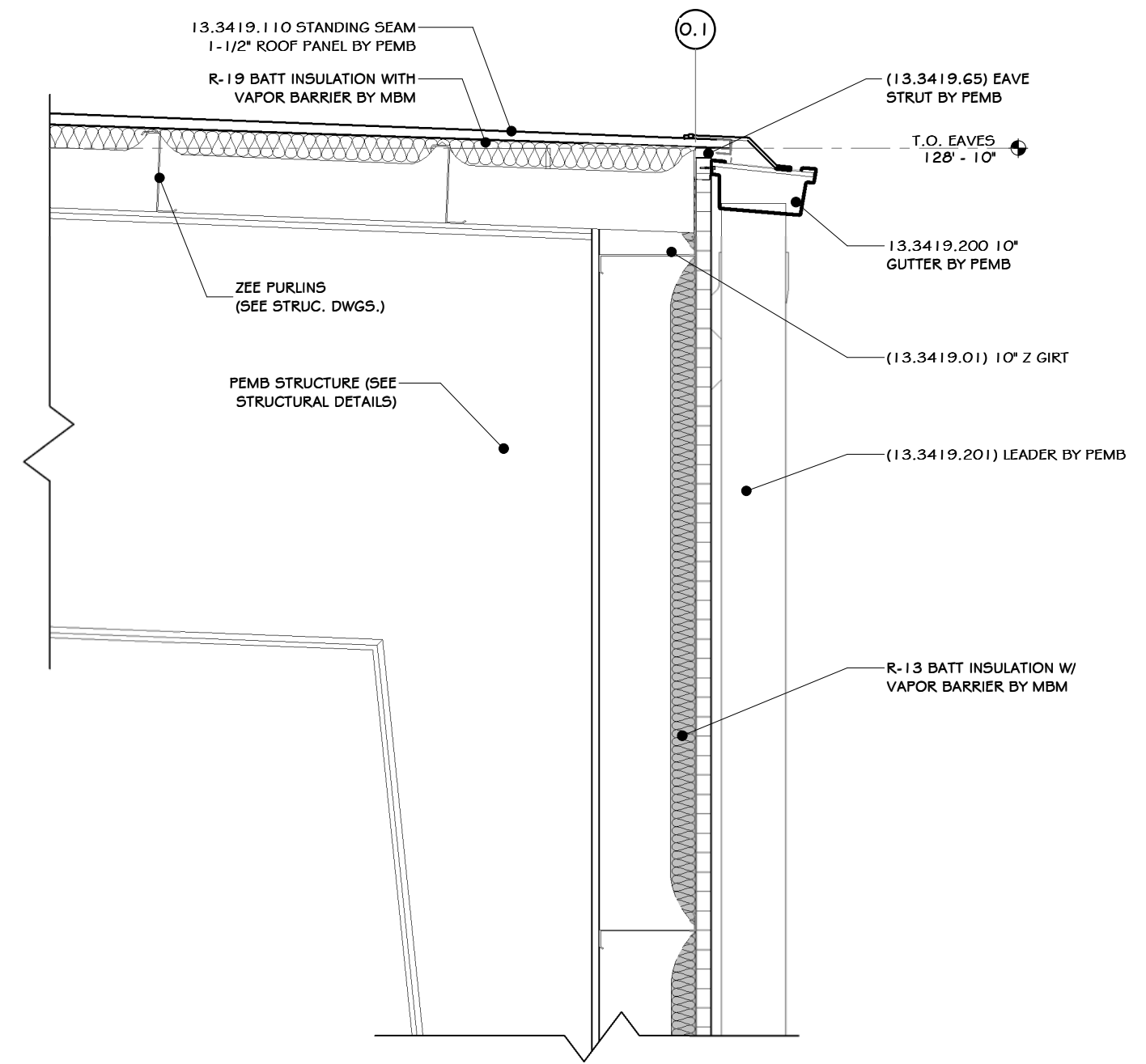
1 EXISTING TO NEW ADDITION WALL SECTION  
3/8" = 1'-0"



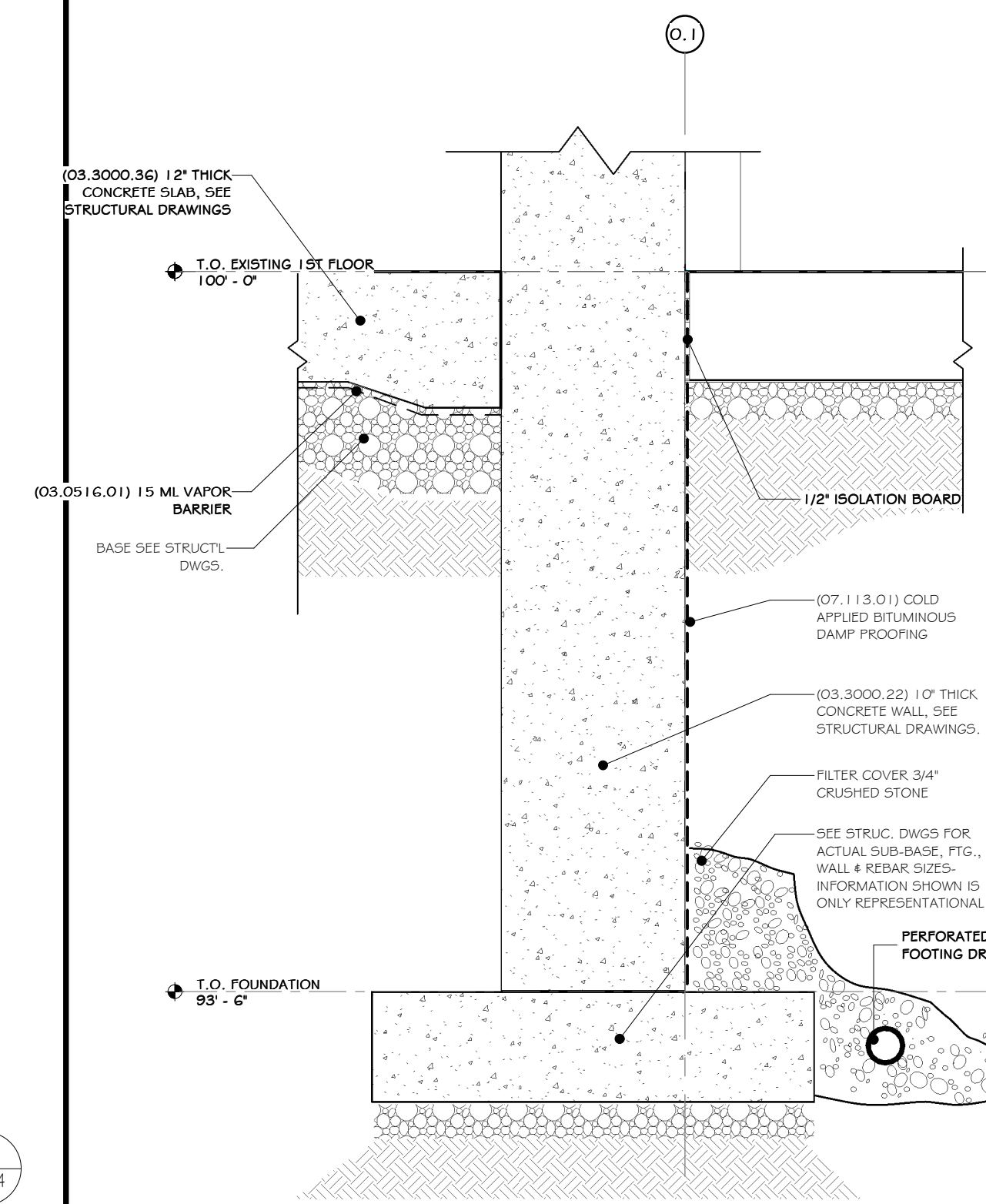
2 EAST PARTIAL ELEVATION  
3/8" = 1'-0"



3 EAST WALL SECTION  
3/8" = 1'-0"



4 EAST GUTTER DETAIL  
3/4" = 1'-0"



5 EAST WALL FOUNDATION DETAIL  
3/4" = 1'-0"

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Sterling Environmental Engineering, P.C.

**martin rogers**  
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NY COA # 0017967

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A	ISSUED FOR RFP	07-06-21	ADG	ADG

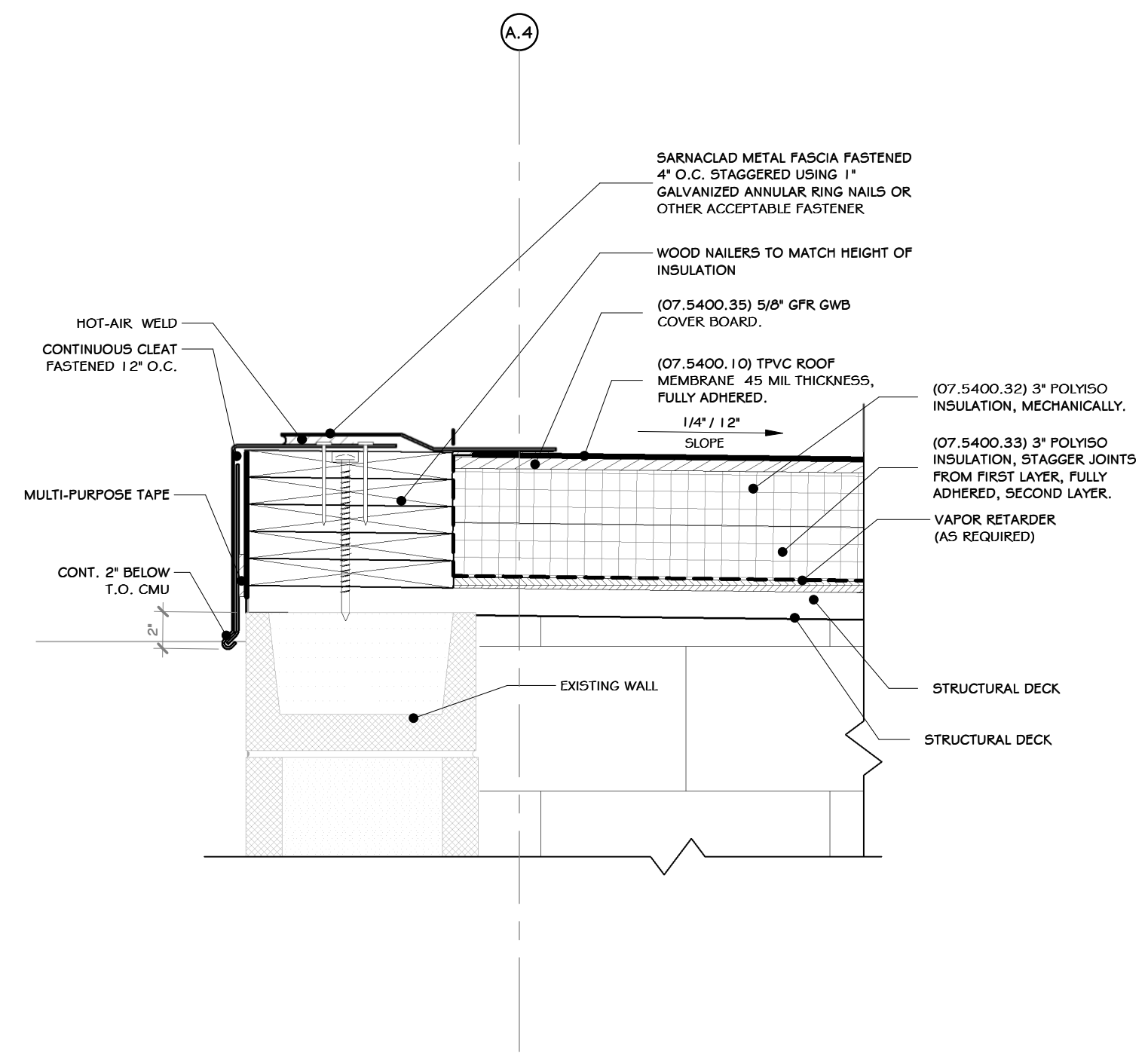
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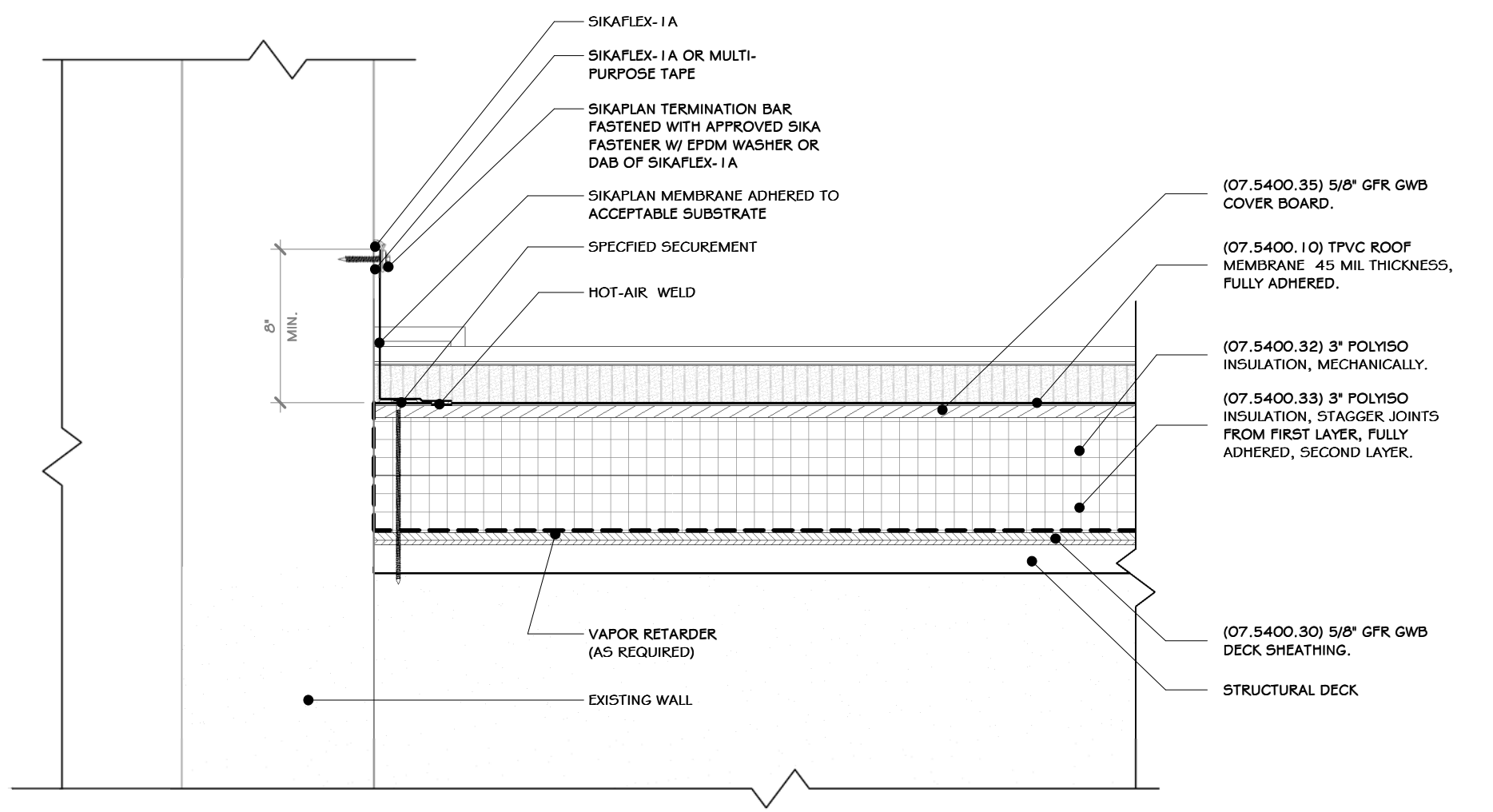
REGISTERED ARCHITECT  
ROCKLAND GREEN  
STATE OF NEW YORK  
033127  
07/06/2021  
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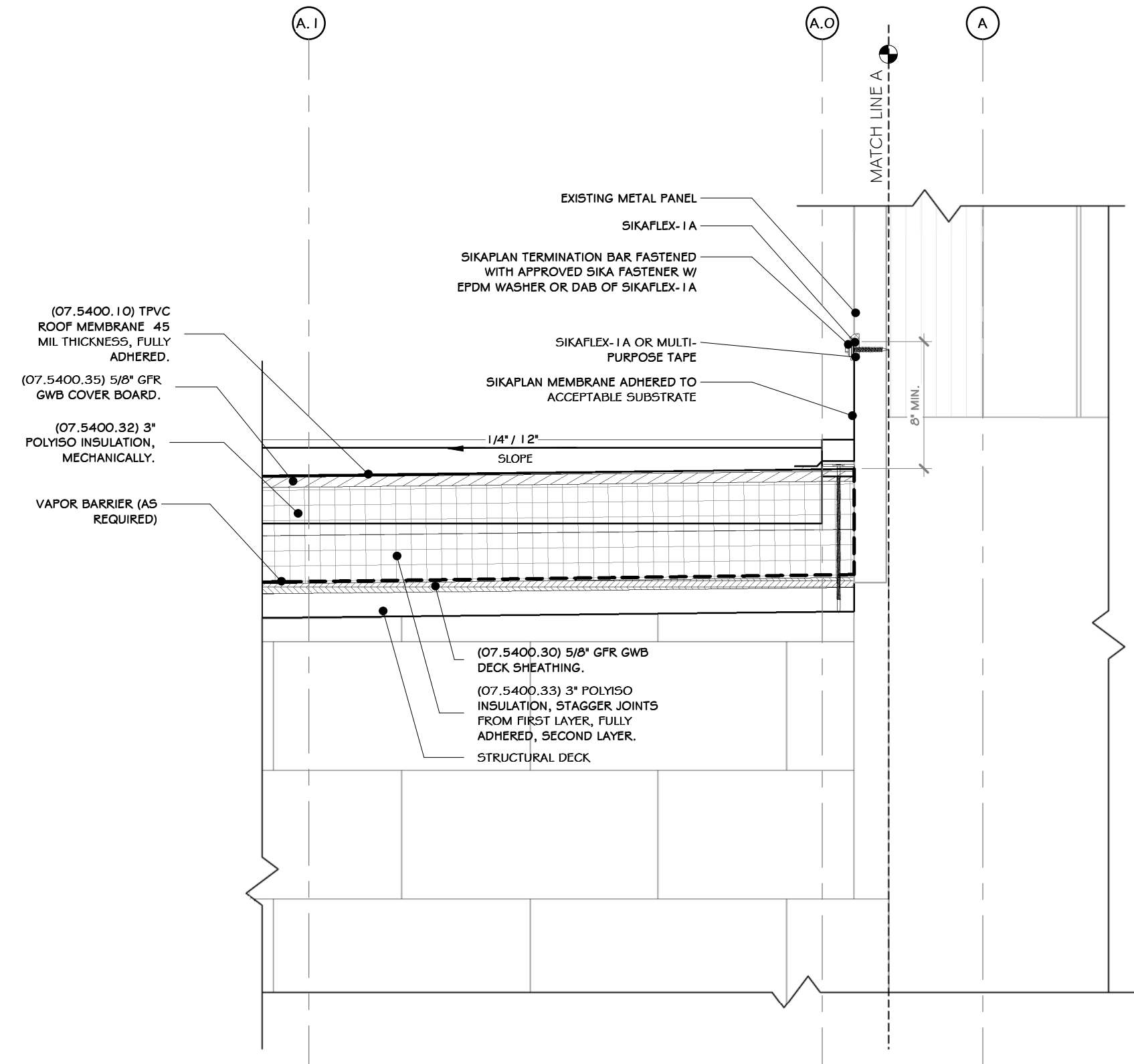
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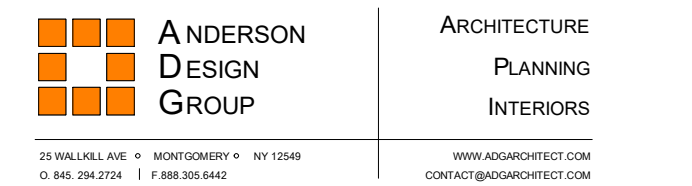
1 PARAPET-ROOF SECTION DETAIL  
1/2" = 1'-0"



3 SECTION DETAIL @ VESTIBULE  
1/2" = 1'-0"



2 SECTION DETAIL @ EXISTING BLDG. CONNECTION  
1/2" = 1'-0"



SECTION DETAIL	
DRAWN: IDE CHECKED: ADG DESIGNED: ADG APPROVED: ADG	DATE: 07/06/21 DWG. NO: A-405 C.A.D. FILE: SHEET SIZE: D-24x36



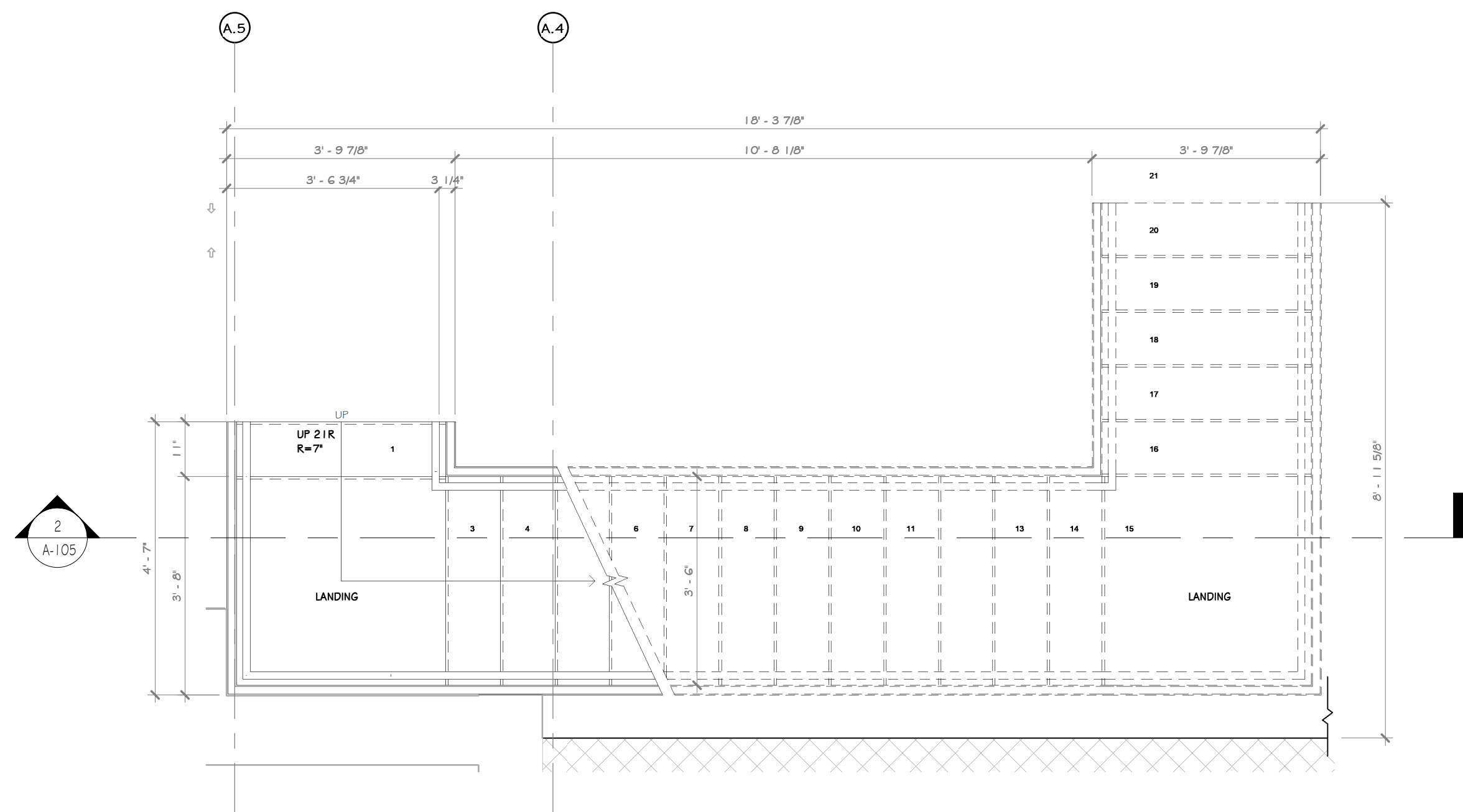
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6	REVISED FOR RFP ADDENDUM 6	07-23-21	BY: CJP
5	ISSUED FOR RFP	07-06-21	BY: CJP

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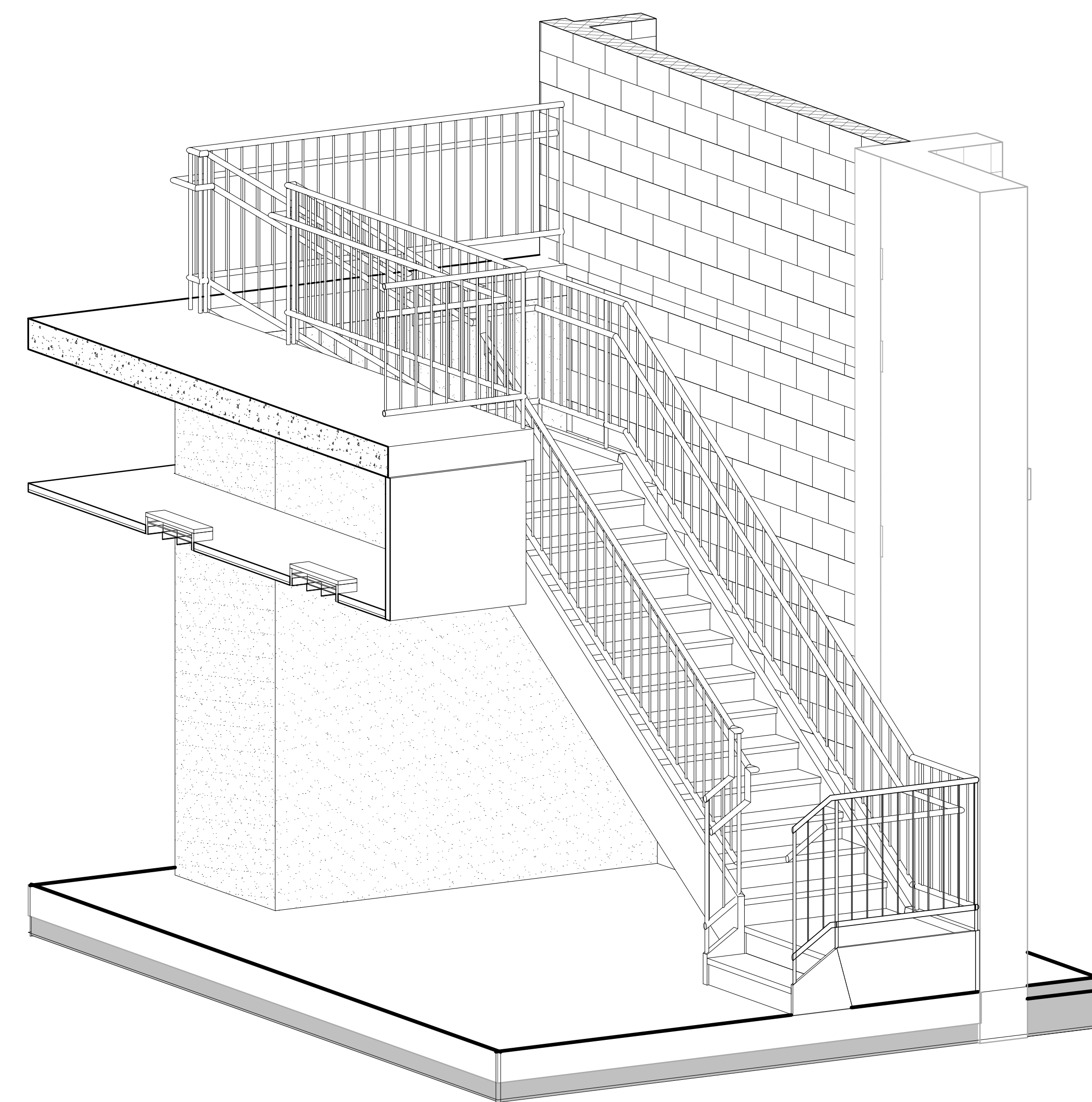
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**CONSTRUCTION NOTES** NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING

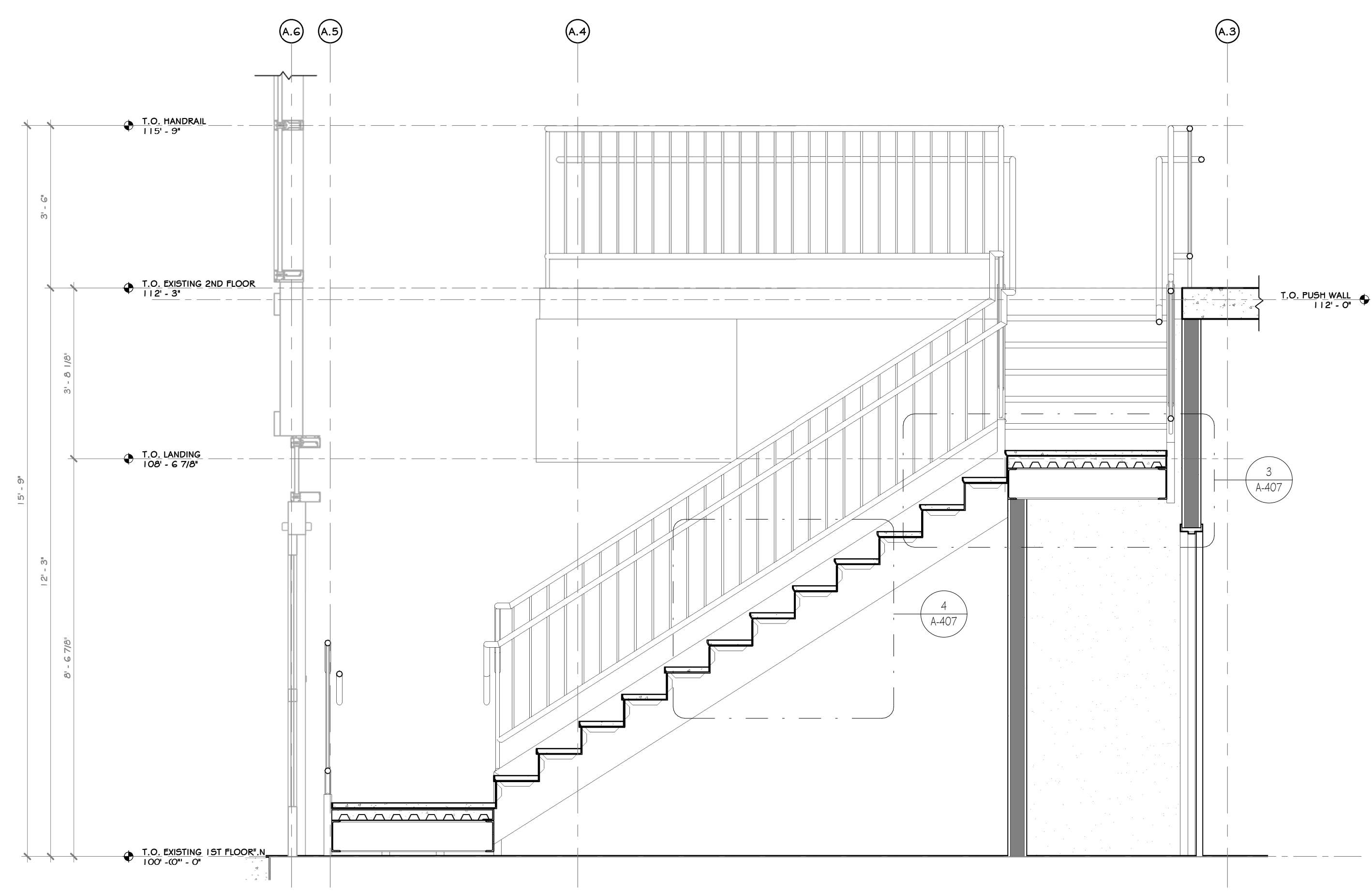
1. STAIRS TO HAVE A MAX. 7" RISER HEIGHT AND 11" RUN LENGTH.
2. HANDRAIL MINIMUM 1-1/4" ROUDE DIAMETER (1-5/8" O.D.)
3. ALL Poured CONCRETE TREADS TO HAVE A NON-SLIP ABRASIVE FEATURE. SEE SPEC BAR
4. GUARDRAIL HEIGHT TO BE A MINIMUM OF 3'-6" AFF. ALL GUARDRAILS TO BE ABLE TO WITHSTAND A MINIMUM OF 250LB. LATERAL FORCE.
5. WITH THE EXCEPTION OF A QUALIFYING INDUSTRIAL RAIL, RAILINGS SHALL NOT ALLOW THE PASSAGE OF A SPHERE 4" OR MORE IN DIAMETER. THE TRIANGULAR OPENINGS FORMED BY THE RISER TREAD AND THE BOTTOM RAIL SHALL NOT ALLOW THE PASSAGE OF A SPHERE 6" OR MORE IN DIAMETER.



1 ENLARGED STAIR PLAN  
1/2" = 1'-0"



3 STAIR 3D VIEW



2 STAIR SECTION  
1/2" = 1'-0"

PROJECT

NORTH

KEY PLAN

AREA OF CONSTRUCTION

**STERLING**  
Sterling Environmental Engineering, P.C.

**martinrogers**  
ENGINEERING CONSULTANT  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
1.570.826.5000 | F.570.825.0888 | w. www.mrrap.com

**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING  
INTERIORS

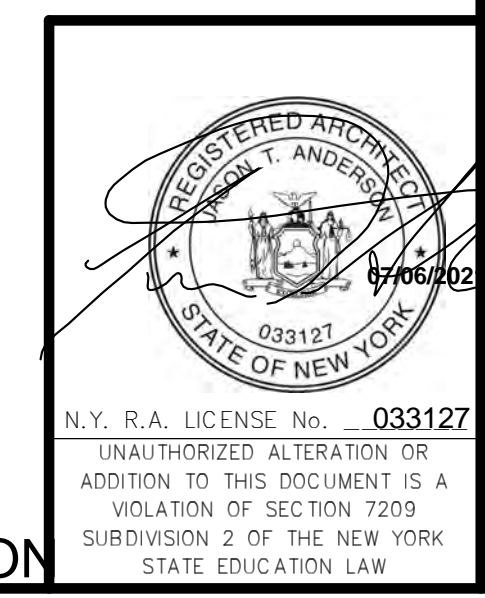
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WWW.ANDERSONDESIGN.COM  
CONTACT@ANDERSONDESIGN.COM

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NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN  
MATERIALS RECOVERY FACILITY,  
FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

STAIR PLAN AND SECTIONS			
REV	DESCRIPTION	DATE	BY
B	REVISED FOR RFP ADDENDUM 6	07-23-21	
A	ISSUED FOR RFP	07-06-21	
REV	DESCRIPTION	DATE	BY
1	IDEA	07/06/21	
2	CHECKED	07/06/21	
3	DESIGNED	07/06/21	
4	APPROVED	07/06/21	
5	APPROVED		

DRAWN	BY	DATE	PROJ. No: 499-010	SCALE: AS SHOWN
CHECKED	ADG	07/06/21	DWG. NO: A-406	A
DESIGNED	ADG	07/06/21	CAD FILE:	
APPROVED	ADG	07/06/21	SHEET SIZE: D-24x36	REV

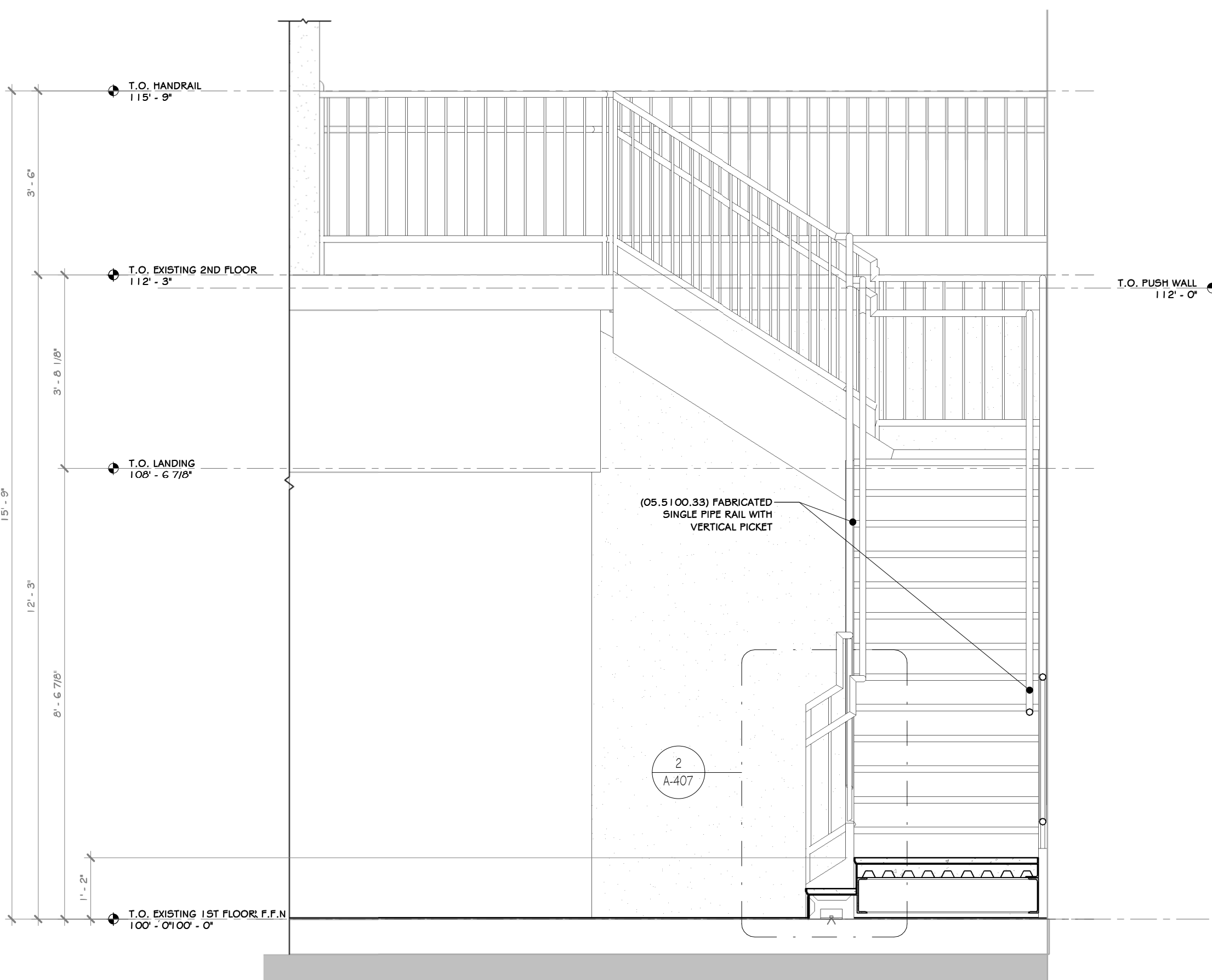


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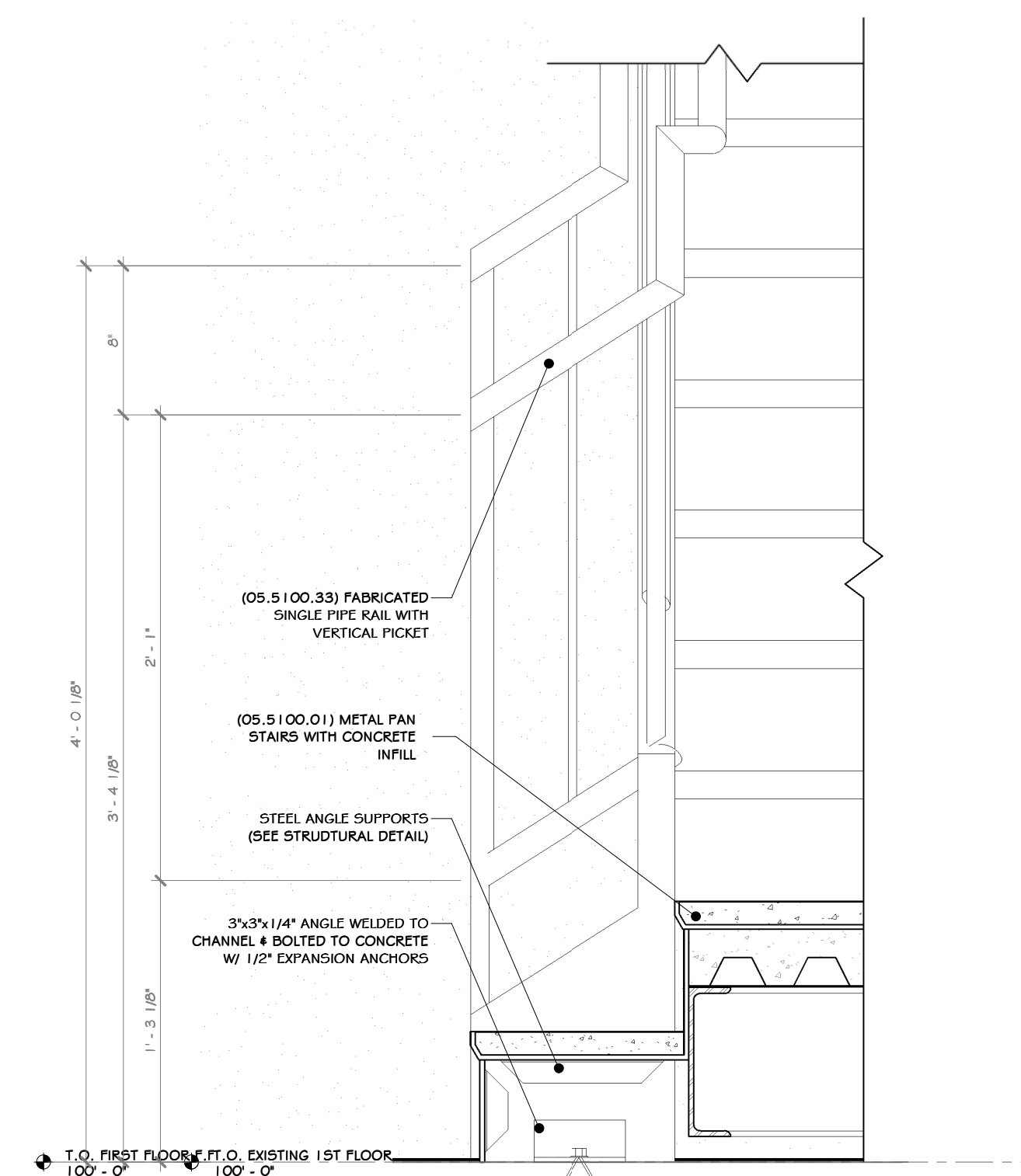
**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Melville, N.Y. 11747  
ph: 631-756-1600  
fax: 631-756-1664

NOT FOR CONSTRUCTION

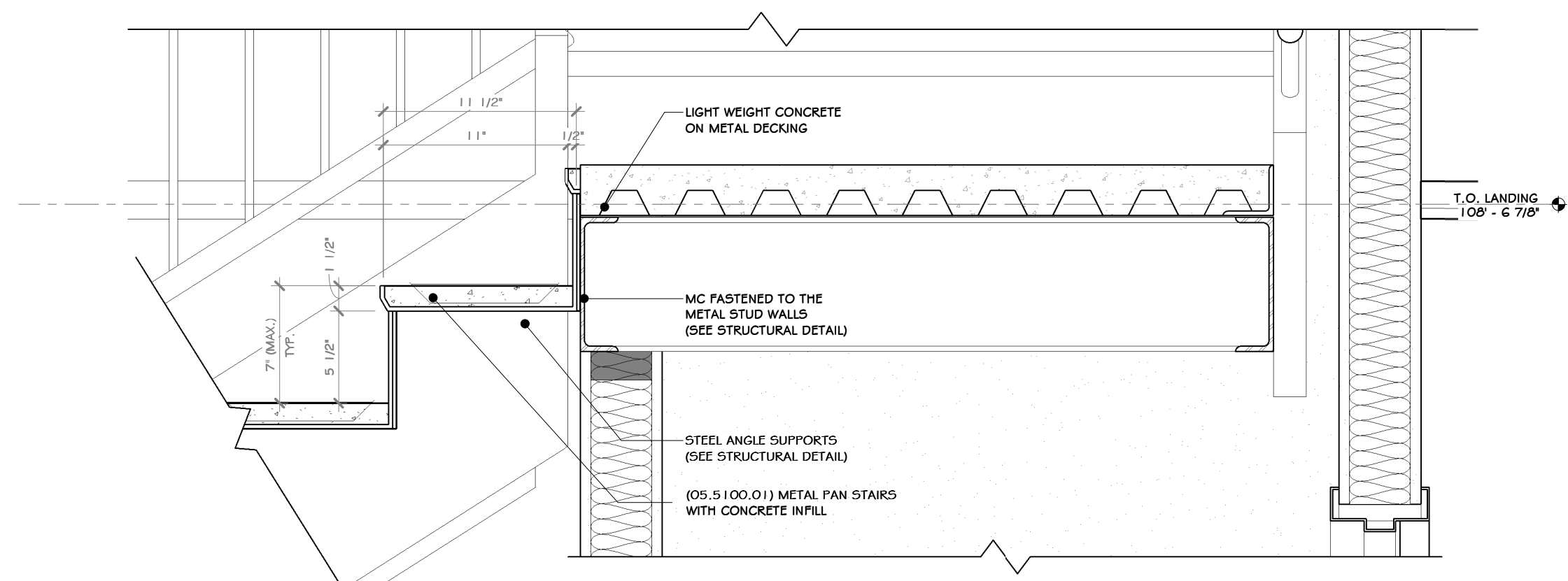




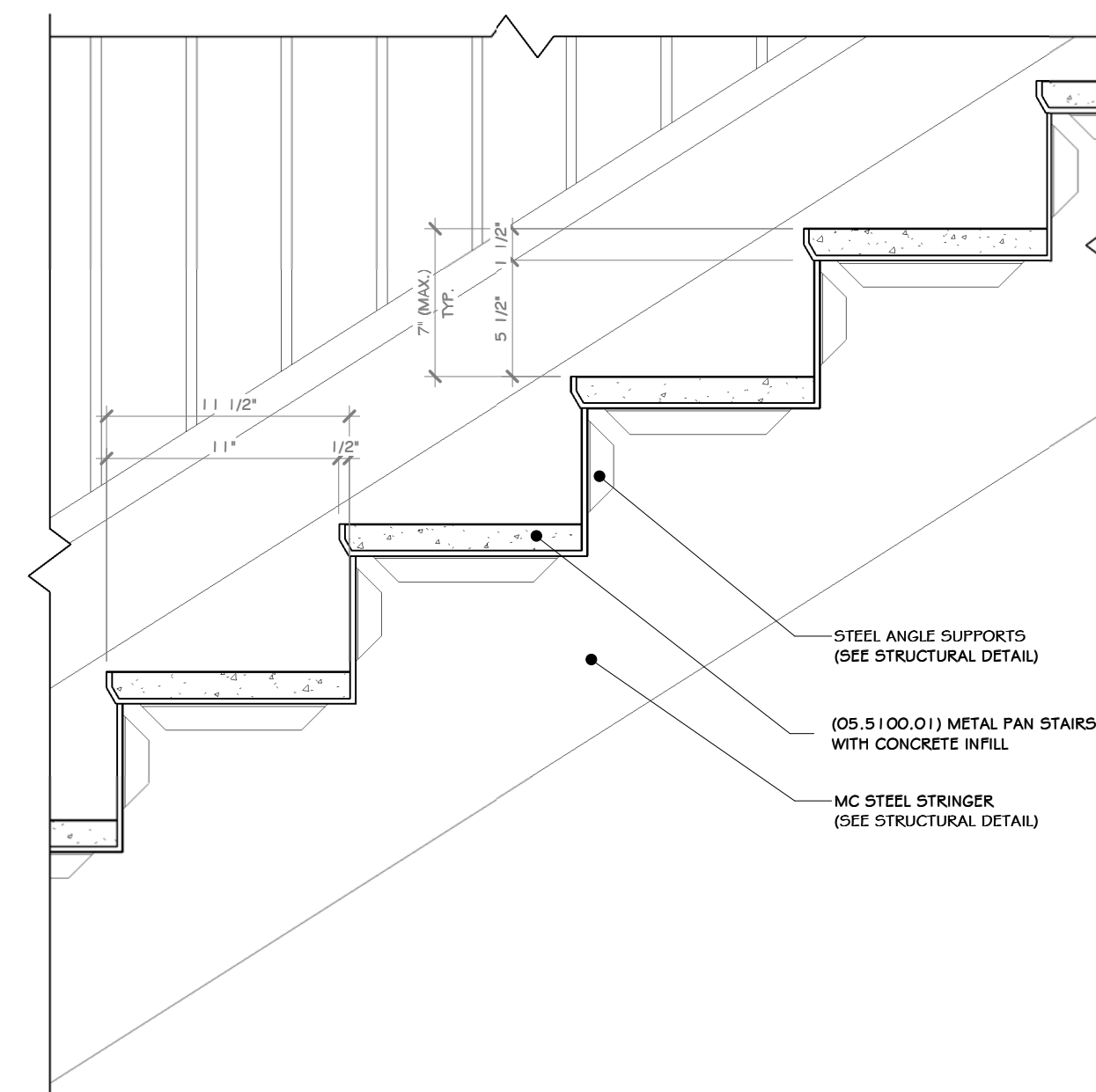
1 STAIR ELEVATION  
1/2" = 1'-0"



2 STAIR HANDRAIL DETAIL  
1/2" = 1'-0"



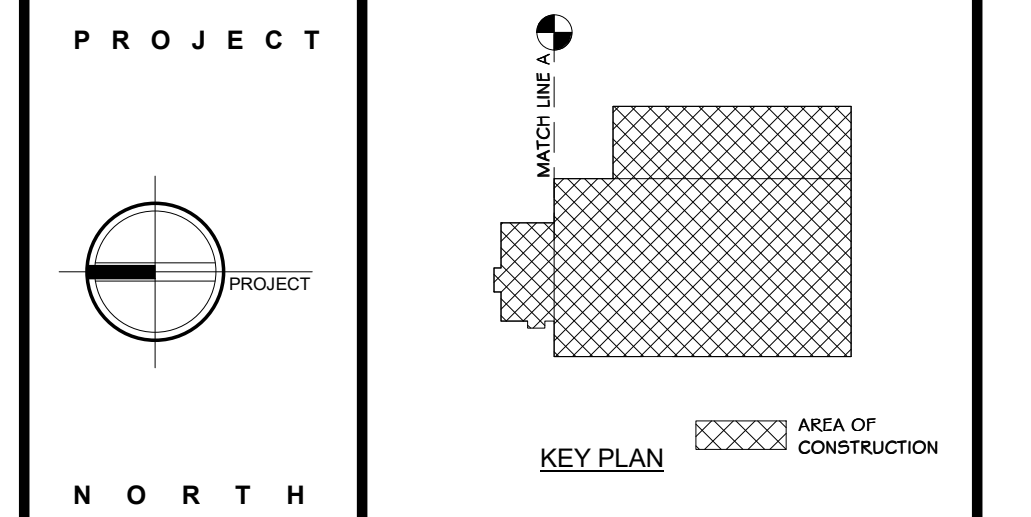
3 STAIR SECTION @ LANDING  
1/2" = 1'-0"



4 STAIR SECTION @ RISER DETAIL  
1/2" = 1'-0"

CONSTRUCTION NOTES

- NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING.
1. STAIRS TO HAVE A MAX. 7" RISER HEIGHT AND 11" RUN LENGTH.
  2. HANDRAIL MINIMUM 1-1/4" BOWIE DIAMETER (1-5/8" O.D.)
  3. ALL Poured CONCRETE TREADS TO HAVE A NON-SLIP ABRASIVE FEATURE. SEE SPEC BAR.
  4. GUARDRAIL HEIGHT TO BE A MINIMUM OF 3'-6" AFF. ALL GUARDRAILS TO BE ABLE TO WITHSTAND A MINIMUM OF 250LB. LATERAL FORCE.
  5. WITH THE EXCEPTION OF A QUALIFYING INDUSTRIAL RAIL, RAILINGS SHALL NOT ALLOW THE PASSAGE OF A SPHERE 4" OR MORE IN DIAMETER. THE TRIANGULAR OPENINGS FORMED BY THE RISER TREAD AND THE BOTTOM RAIL SHALL NOT ALLOW THE PASSAGE OF A SPHERE 6" OR MORE IN DIAMETER.



**STERLING**  
Sterling Environmental Engineering, P.C.

**martinrogers**  
ENGINEERING CONSULTANT  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
1-570-826-5000 | 1-570-825-0888 | www.mrtgpc.com

**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING INTERIORS  
33 WALL KILL AVE. • NORTHPOCON • NY 12948  
WWW.ANDERSONDESIGNGROUP.COM  
CONTACT@ANDERSONDESIGNGROUP.COM

**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

STAIR PLAN AND SECTIONS



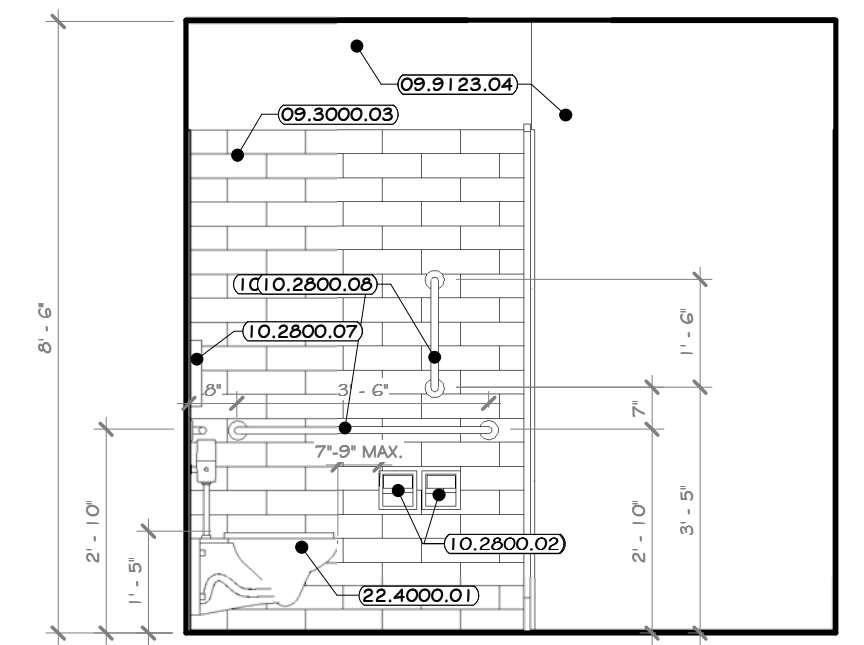
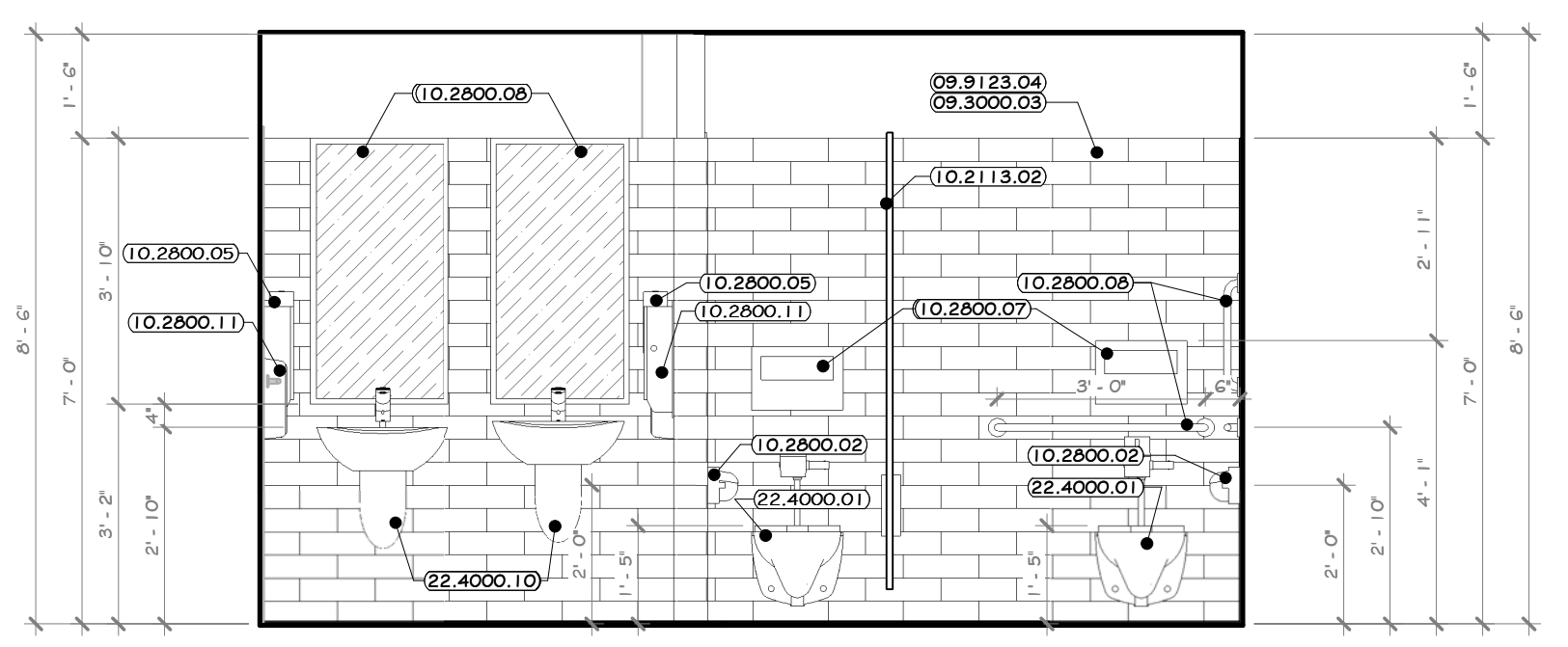
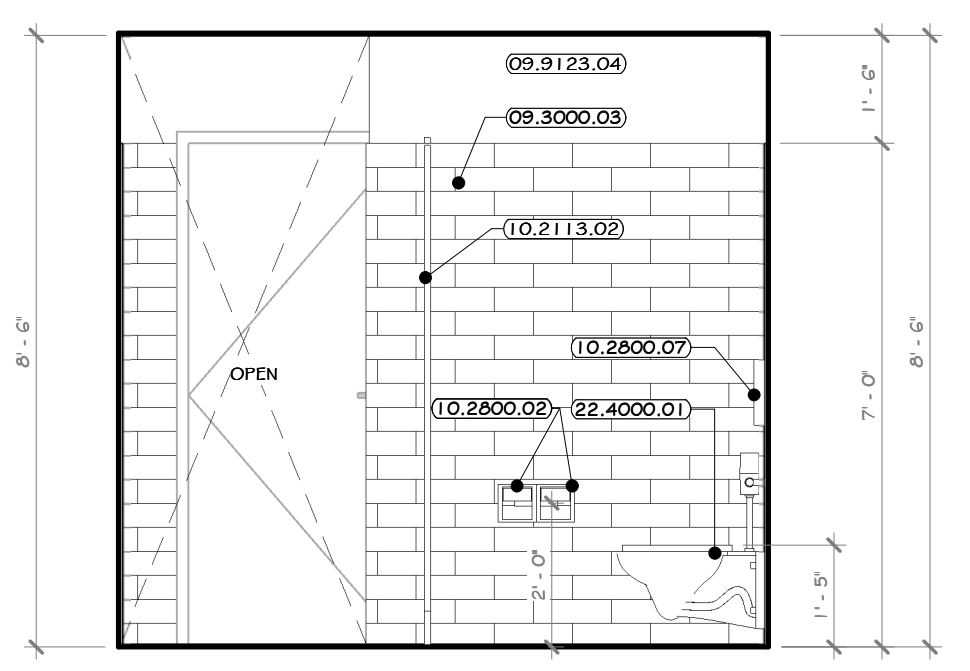
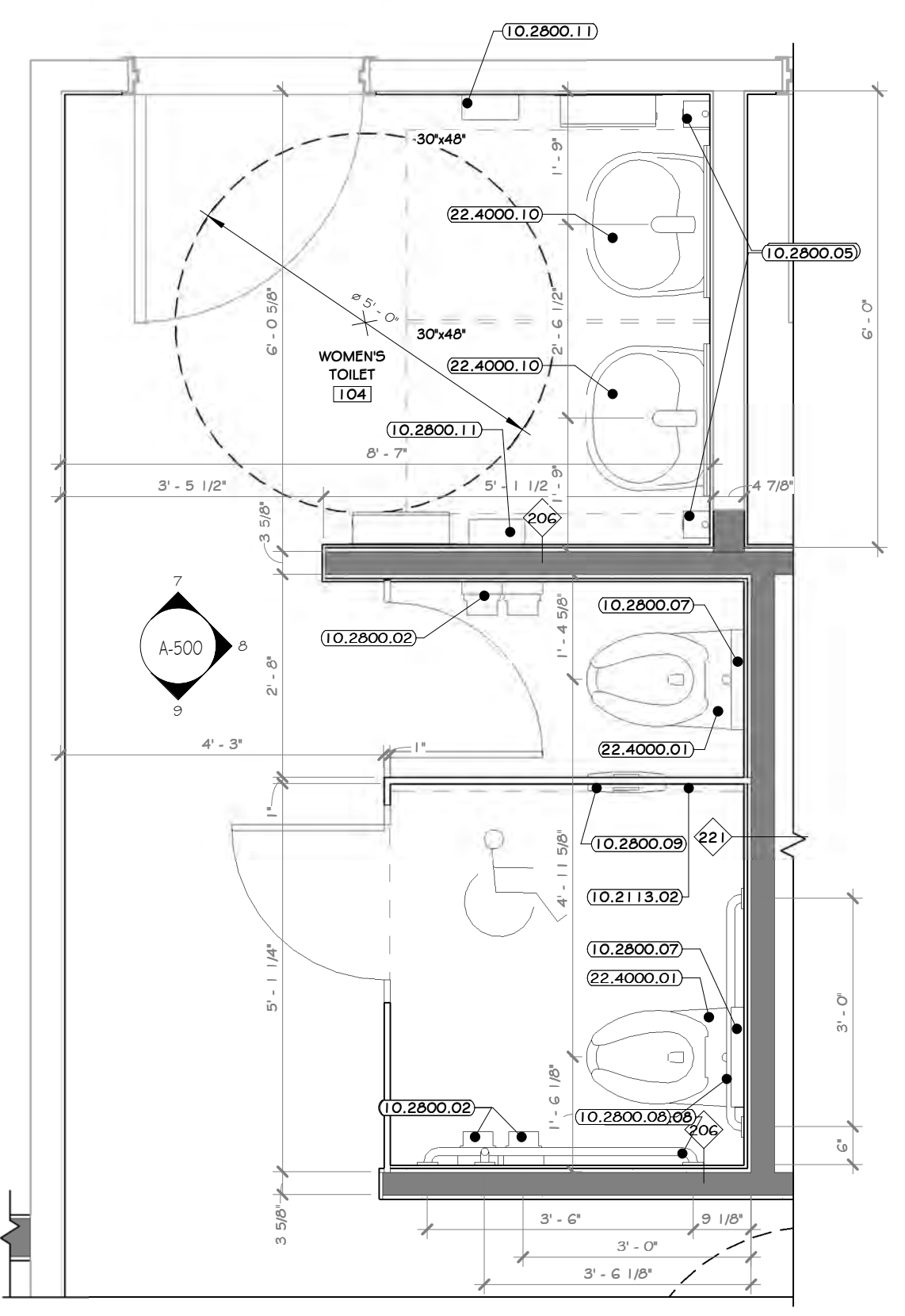
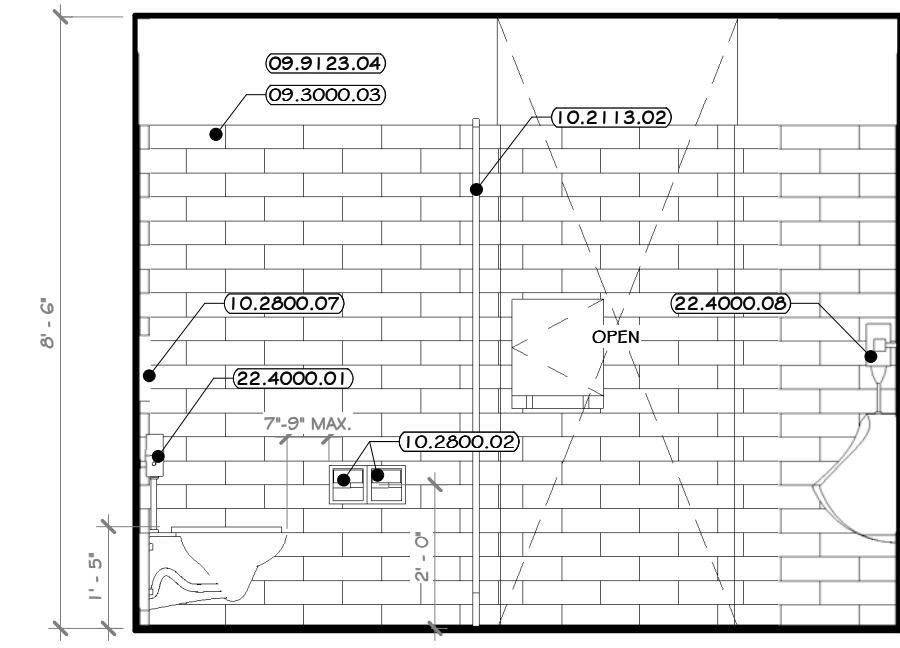
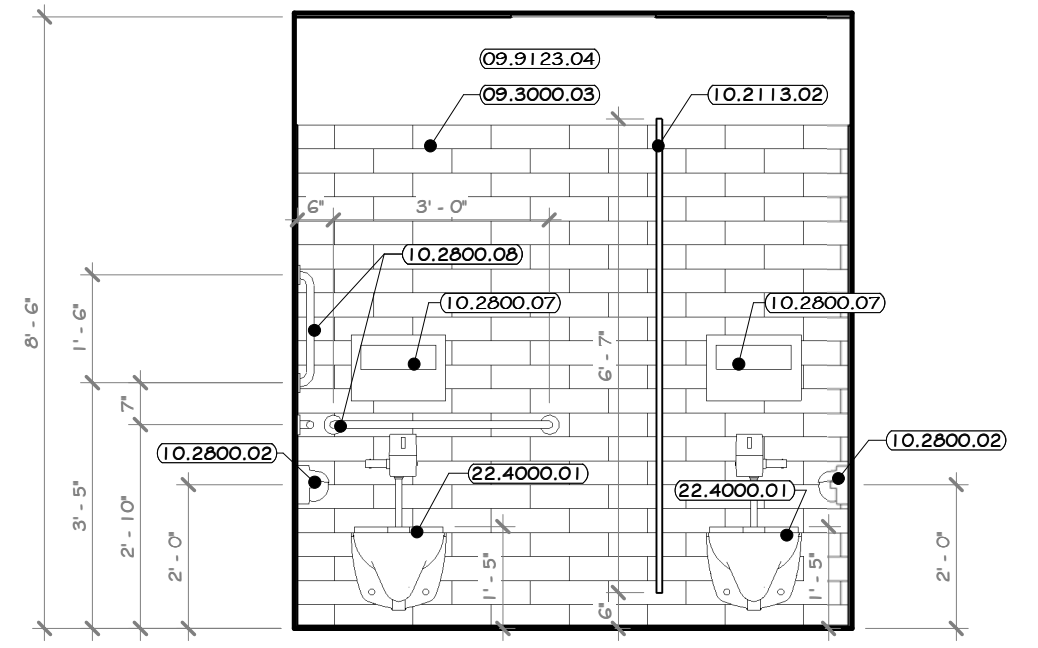
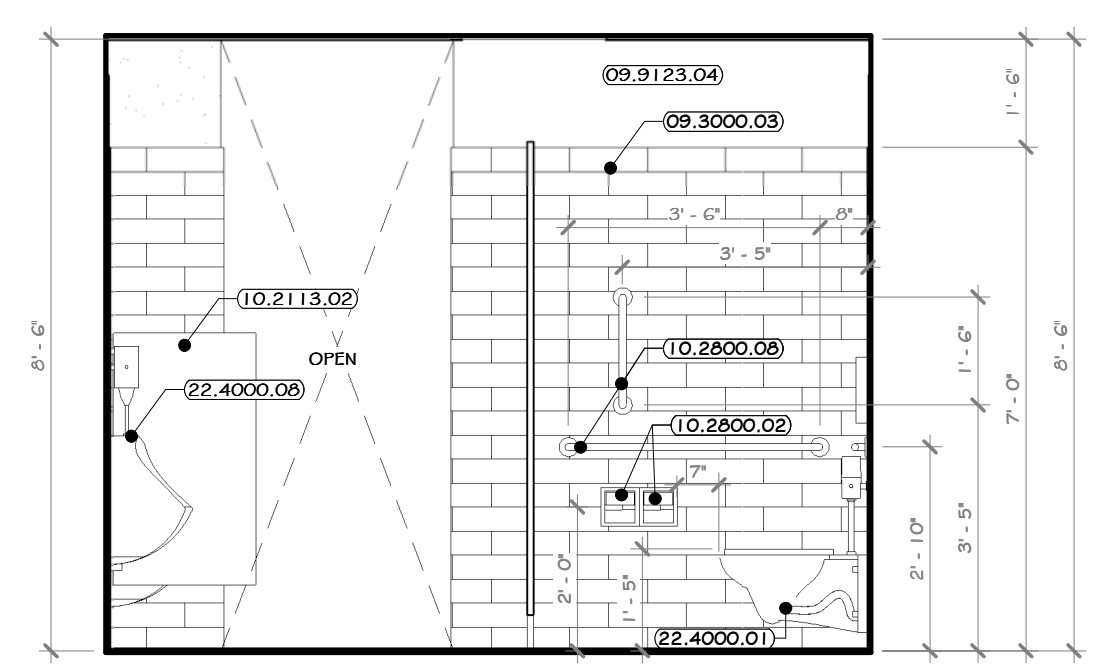
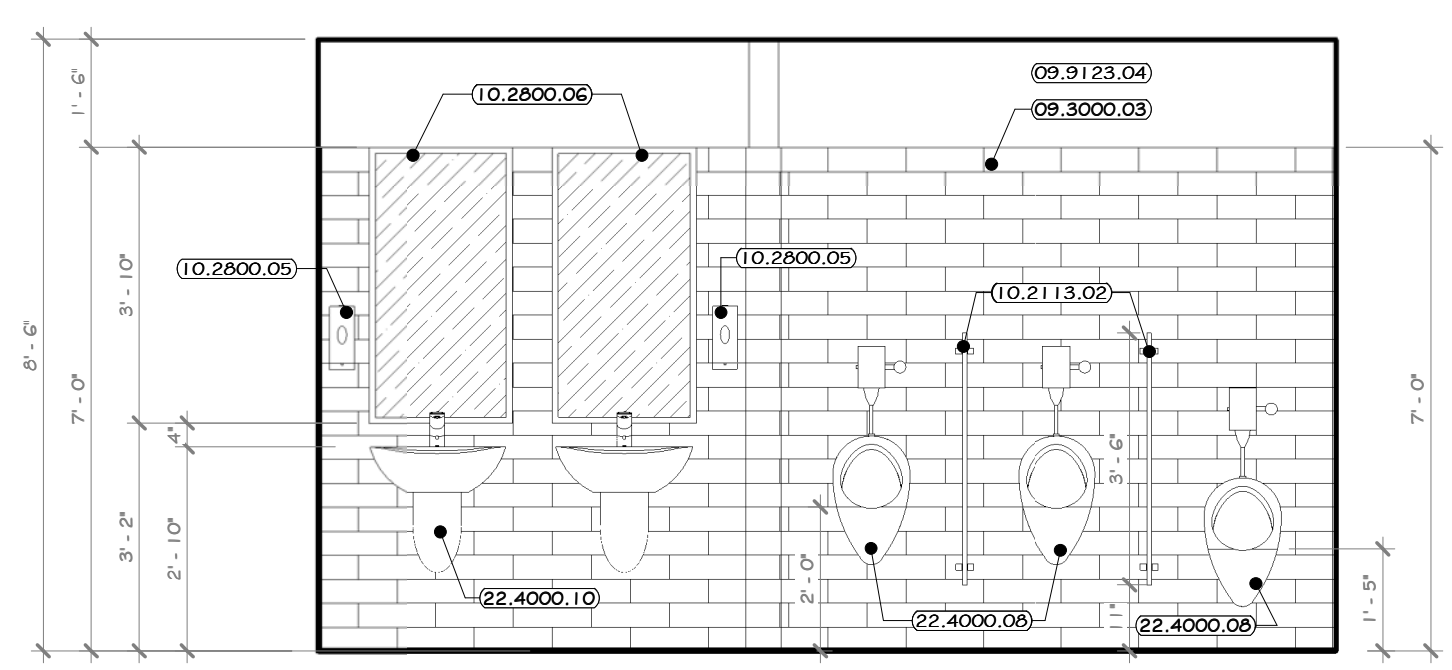
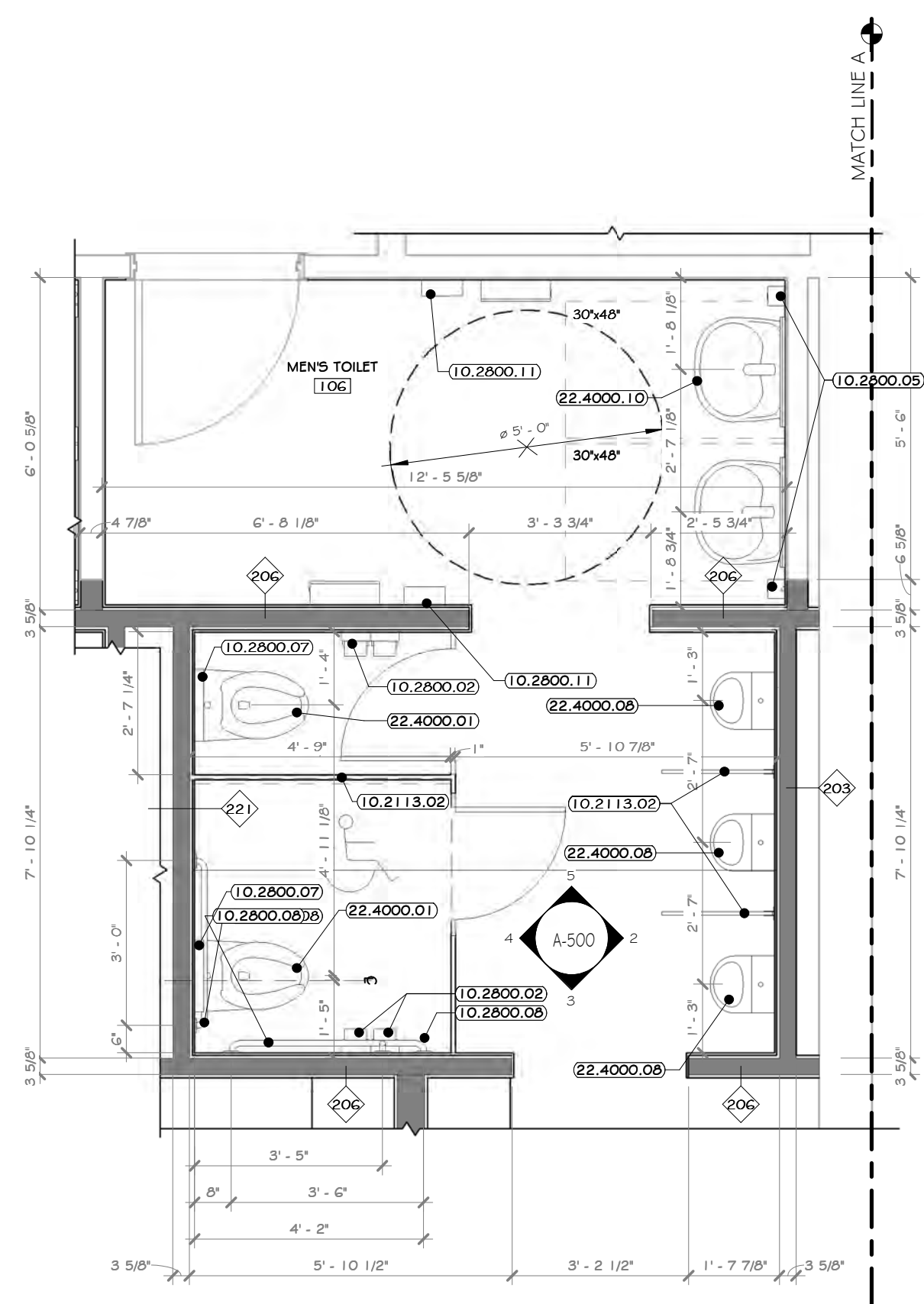
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A	ISSUED FOR RFP	07-06-22
BY	DATE	
BY	DATE	

DRAWN	BY	DATE	PROJ. No.	SCALE
CHECKED	ADG	07/06/21	499-010	AS SHOWN
DESIGNED	ADG	07/06/21		
APPROVED	ADG	07/06/21		
APPROVED				

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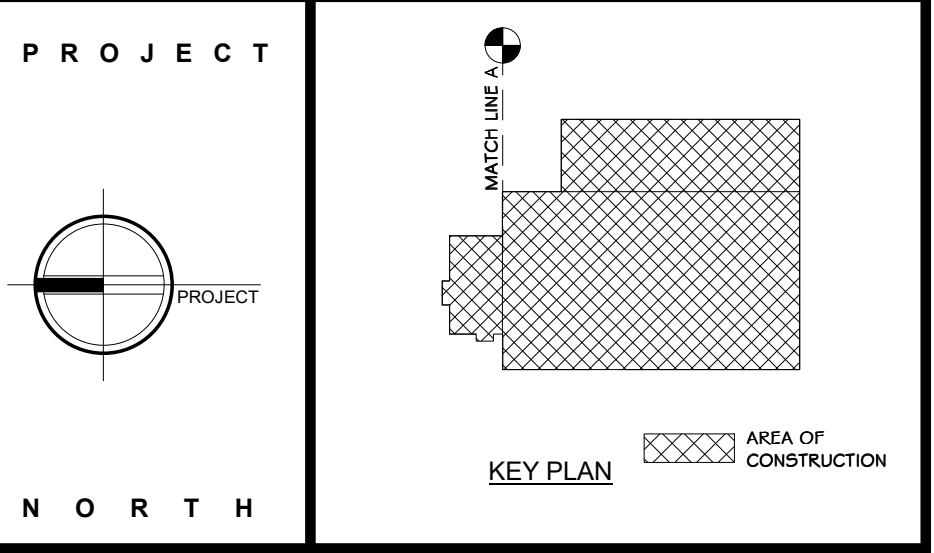
**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Merrick, N.Y. 11747  
ph: 631-756-1800  
fax: 631-756-1864

NOT FOR CONSTRUCTION



- ### CONSTRUCTION NOTES
- NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING
- REFER TO TYPICAL ADA REQUIREMENT SHEET IN CONJUNCTION WITH THIS SHEET, FOR MOUNTING HEIGHTS AND DIMENSIONS.
  - INSTALL BLOCKING BEHIND ALL WALL MOUNTED FIXTURES, MIRRORS, GRAB BARS, AND TOILET PARTITIONS, AS REQUIRED.
  - GC IS TO COORDINATE SELECTION OF ALL TOILET ACCESSORIES AND FIXTURES WITH THE OWNER. THE ITEMS LOCATED WITHIN THE SPECIFICATIONS ON THIS SHEET ARE ONLY FOR BIDDING PURPOSES AND MAY OR MAY NOT BE SELECTED/APPROVED BY THE OWNER.
  - TILE TO CONTINUE AROUND ENTIRE ROOM- ALL INSIDE CORNERS, OUTSIDE CORNERS, EXPOSED EDGES AT TERMINATION POINTS (TOP OF TILE), ETC. ARE TO RECEIVE SCHLUTER EDGE TRIM. SEE SHEET A-604-BF.
  - OTF: BOARDS TO BE PAINTED WALL W/ COLORS AS PER PAINT PLAN.
  - EXPOSED CMU TO HAVE BLOCK FILL PAINT AT ALL LOCATIONS.
  - PHENOLIC TOILET AND URINAL PARTITIONS: LATCHES, COAT HOOK, BUMPER, AND WALL STOP TO BE FURNISHED WITH EACH DOOR. PARTITIONS TO BE FLOOR MOUNTED, OVERHEAD BRACED, G.C. TO PROVIDE STRUCTURE TO MOUNT PARTITION AND COORDINATE WITH INSTALLER. DOORS TO HAVE CONTINUOUS STRIKE & HINGE. ALL TOILET PARTITIONS TO BE INSTALLED AT STANDARD MOUNTING HEIGHT. SEE DRAWING A-612-BP.
  - LINE OF CLEAR FLOOR SPACE REQUIRED.
  - ALL ACCESSIBLE FIXTURES TO MEET REQUIREMENTS OF ANSI A117.1.
  - EXPOSED PIPING BELOW LAVATORIES TO BE INSULATED.

- ### KEY NOTES
- 09.3000.03 GLAZED WALL TILE, 4" X 13"
  - 09.9123.04 INTERIOR LATEX DRYWALL PAINT
  - 10.2113.02 SOLID PHENOLIC TOILET PARTITIONS, FLOOR MOUNT, OVERHEAD BRACED, 6" AFF.
  - 10.2800.02 TOILET PAPER DISPENSER, DOUBLE ROLL, SURFACE MOUNT, BOBRICK #B215.
  - 10.2800.05 LIQUID SOAP DISPENSER, WALL-MOUNTED, SURFACE, BOBRICK #B211.
  - 10.2800.06 MIRRORS: STAINLESS STEEL FRAMED, 1/4 INCH THICK GLASS, 24" X 40"; BOBRICK #B165 2444.
  - 10.2800.07 SEAT COVER DISPENSER, SURFACE-MOUNTED, BOBRICK #B221.
  - 10.2800.08 HEAVY DUTY GRAB BARS, BOBRICK 1-1/4", PEENED STAINLESS STEEL
  - 10.2800.09 SANITARY NAPKIN DISPOSAL UNIT, BACK-TO-BACK, PARTITION MOUNTING, BOBRICK #B4354.
  - 10.2800.11 ELECTRIC HAND DRYER, THIN AIR HAND DRYER
  - 22.4000.01 WALL-HUNG TOILET, #C7708UG.
  - 22.4000.08 WALL HUNG URINAL AUTO FLUSH.
  - 22.4000.10 LAVATORY, WALL MOUNTED TOTO #F4242G.



**STERLING**  
Sterling Environmental Engineering, P.C.

**martinrogers**  
ENGINEERING CONSULTANTS  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18703  
1-570-826-1000 | 1-570-825-0888 | www.mrspc.com

**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING  
INTERIORS

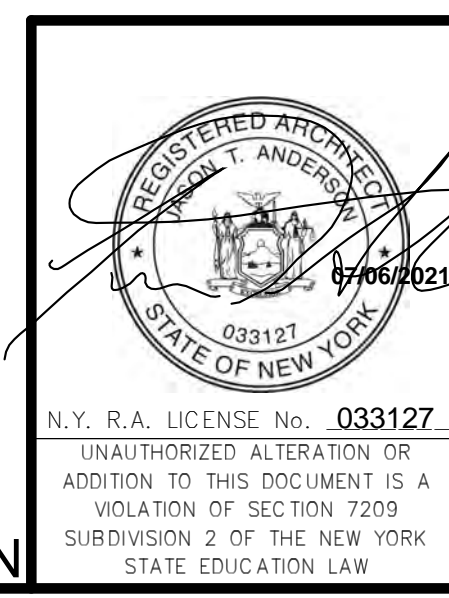
**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN  
MATERIALS RECOVERY FACILITY,  
FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

MEN'S TOILET #106 & WOMEN'S TOILET #104 INTERIOR ELEVS.

REV	DATE	DESCRIPTION
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2	07/06/21	ISSUED FOR RFP
3	07/21/21	REVISED FOR RFP ADDENDUM 6

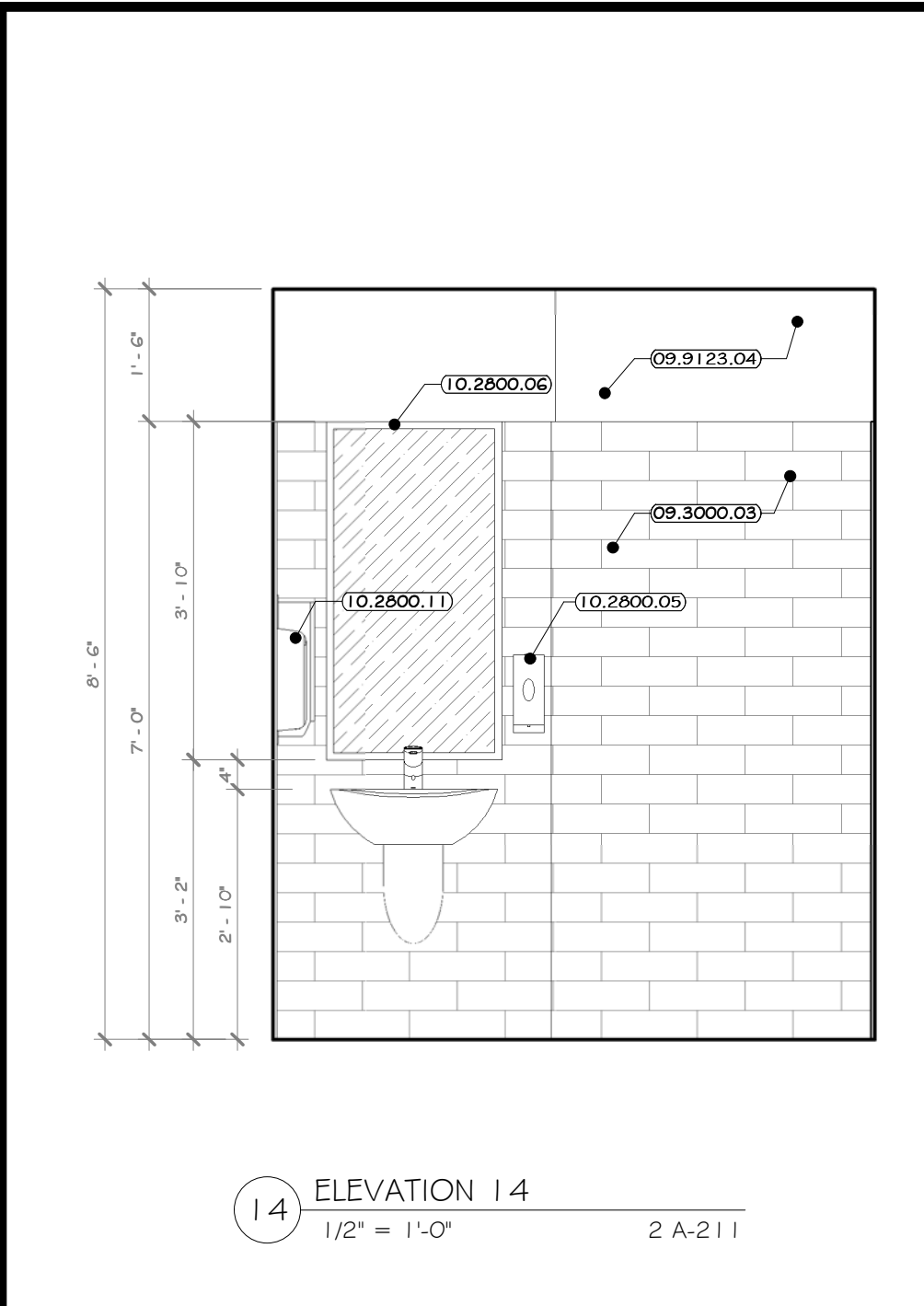
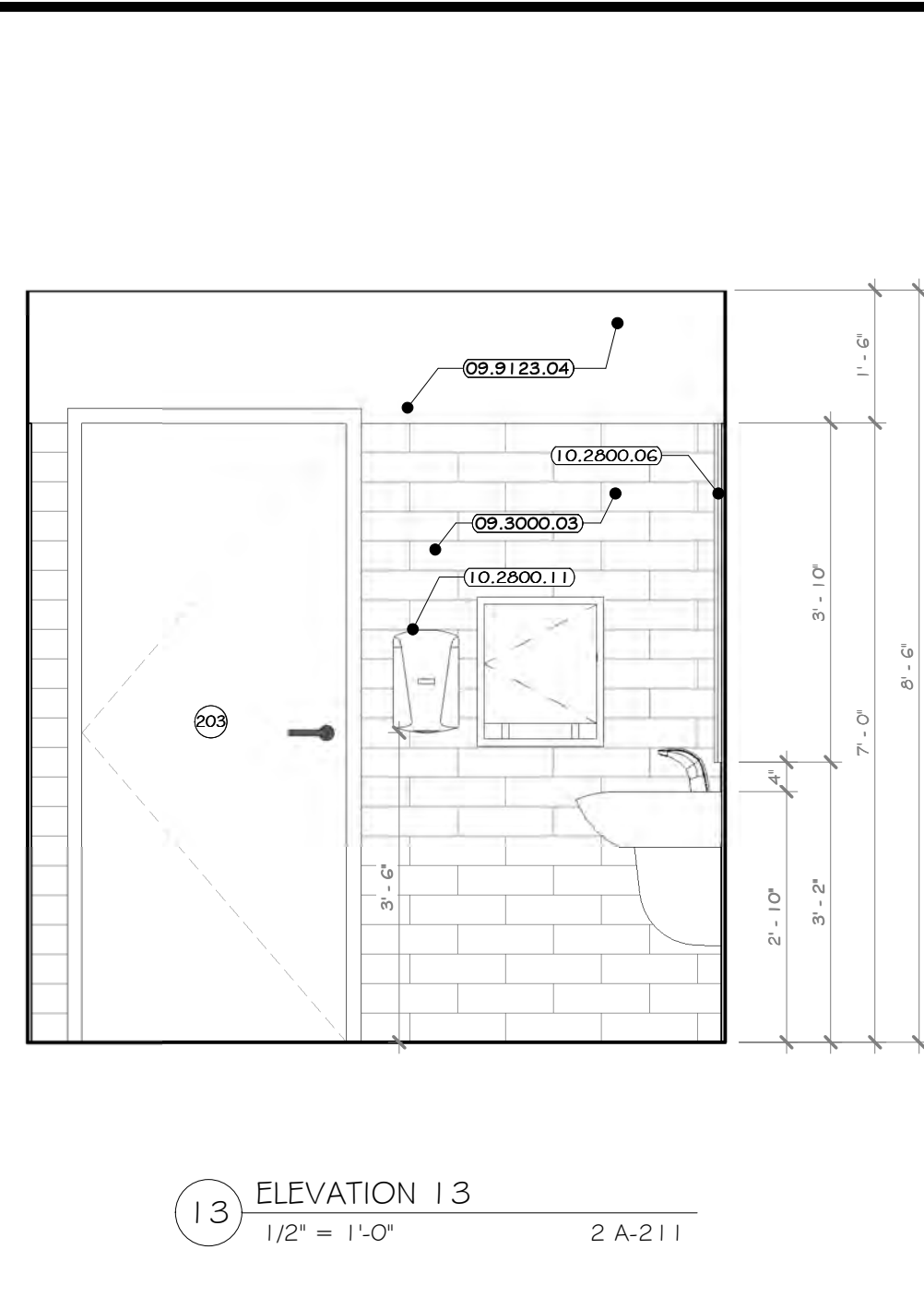
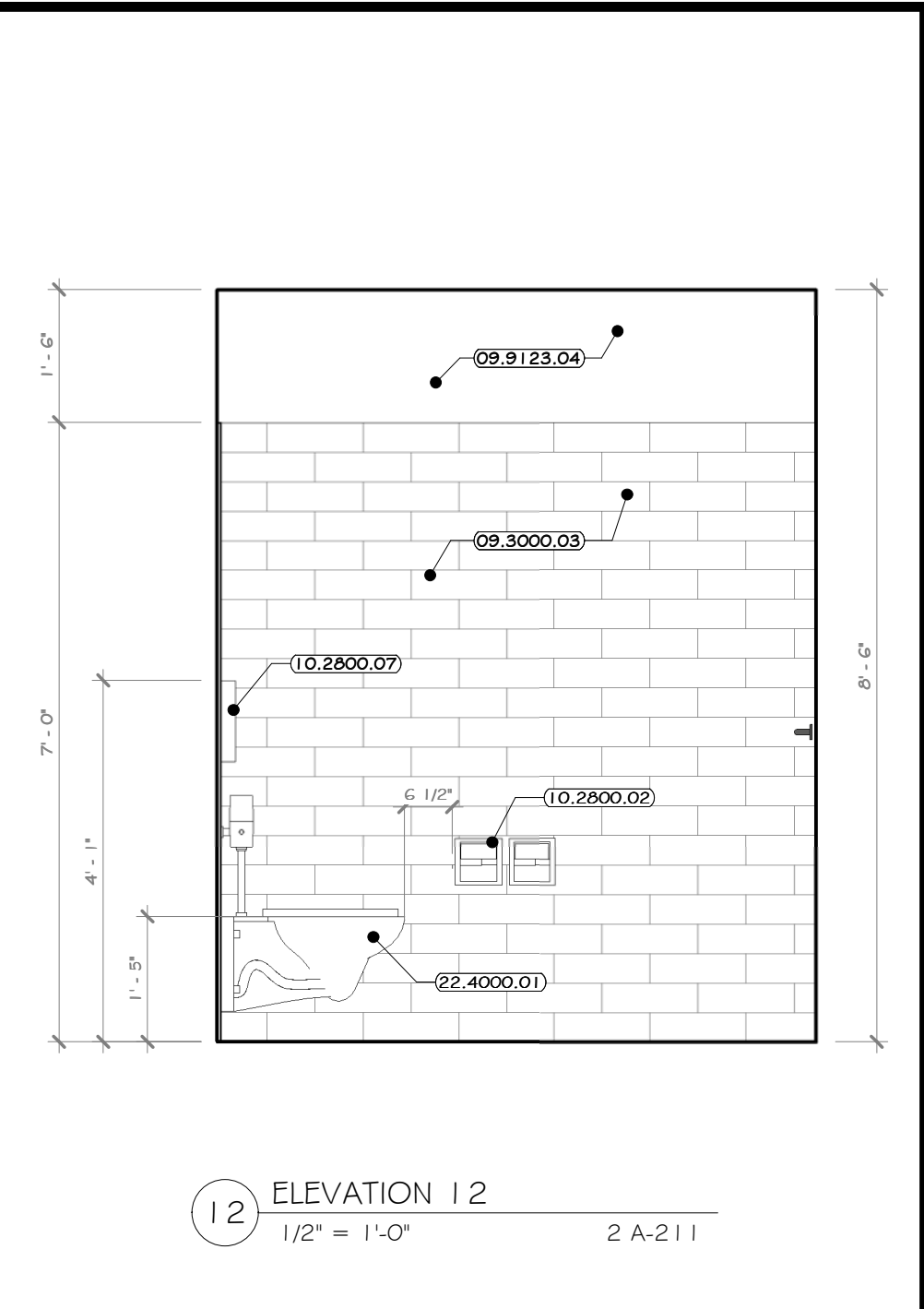
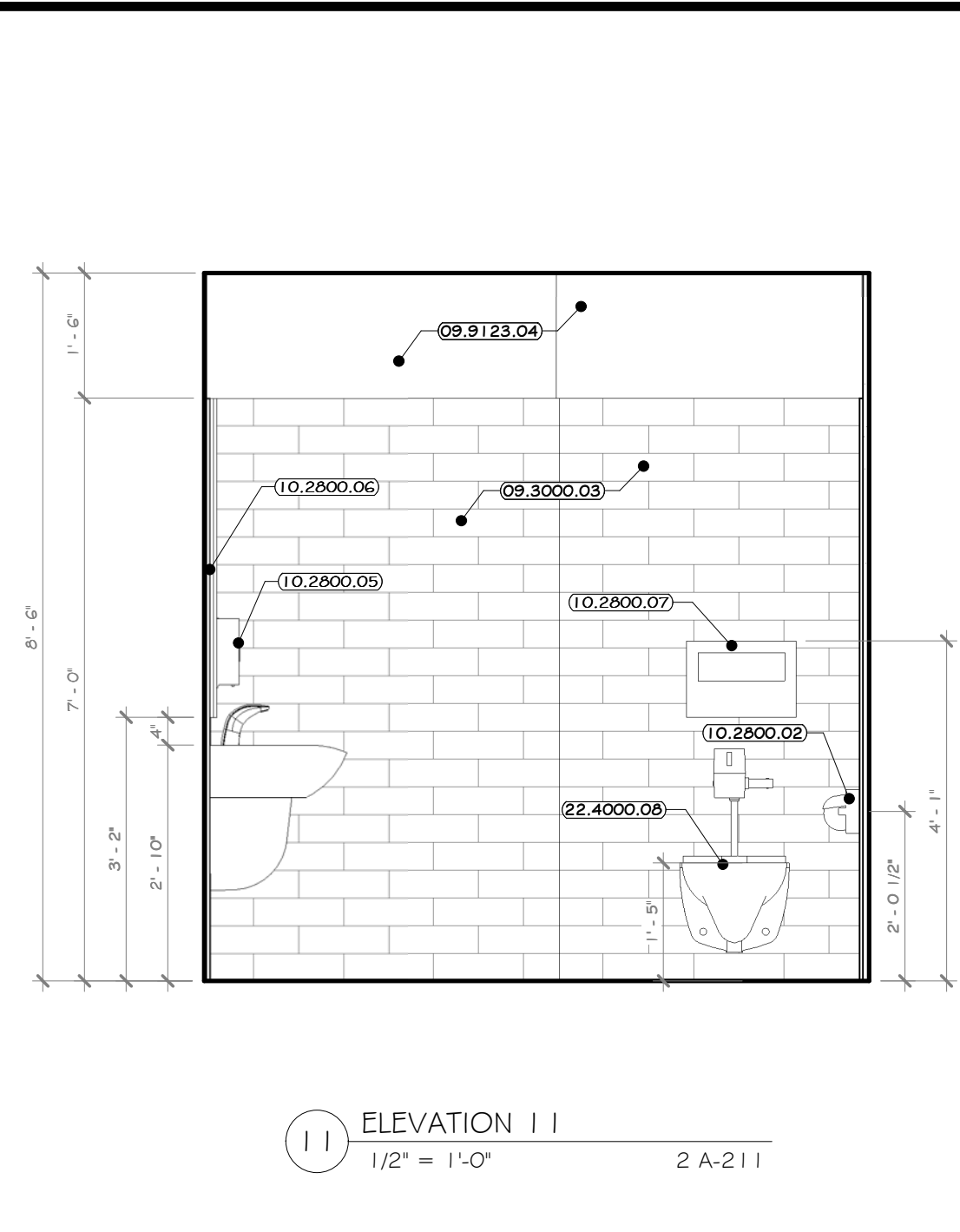
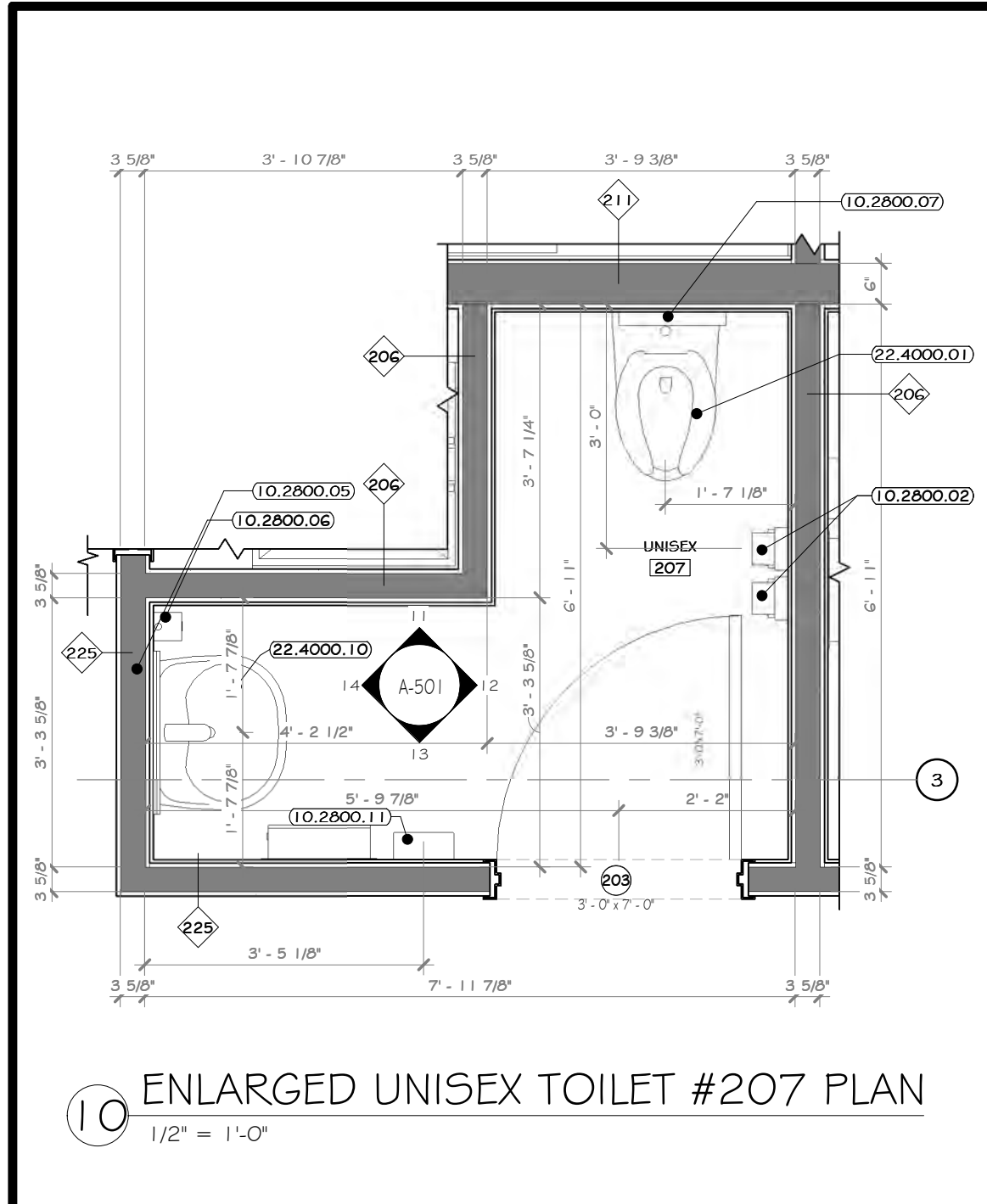
BY	DATE	PROJ. No:	SCALE:
IDEA	07/09/21	499-010	AS SHOWN
CHECKED	07/09/21	DWG. NO:	A-500
DESIGNED	07/09/21	CAD FILE:	
APPROVED	07/09/21	SHEET SIZE:	D-24x36



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**RRT Engineering, LLC**  
1 Huntington Quadrangle, 5801  
Melville, NY 11747  
ph: 631-756-1060  
fax: 631-756-1064

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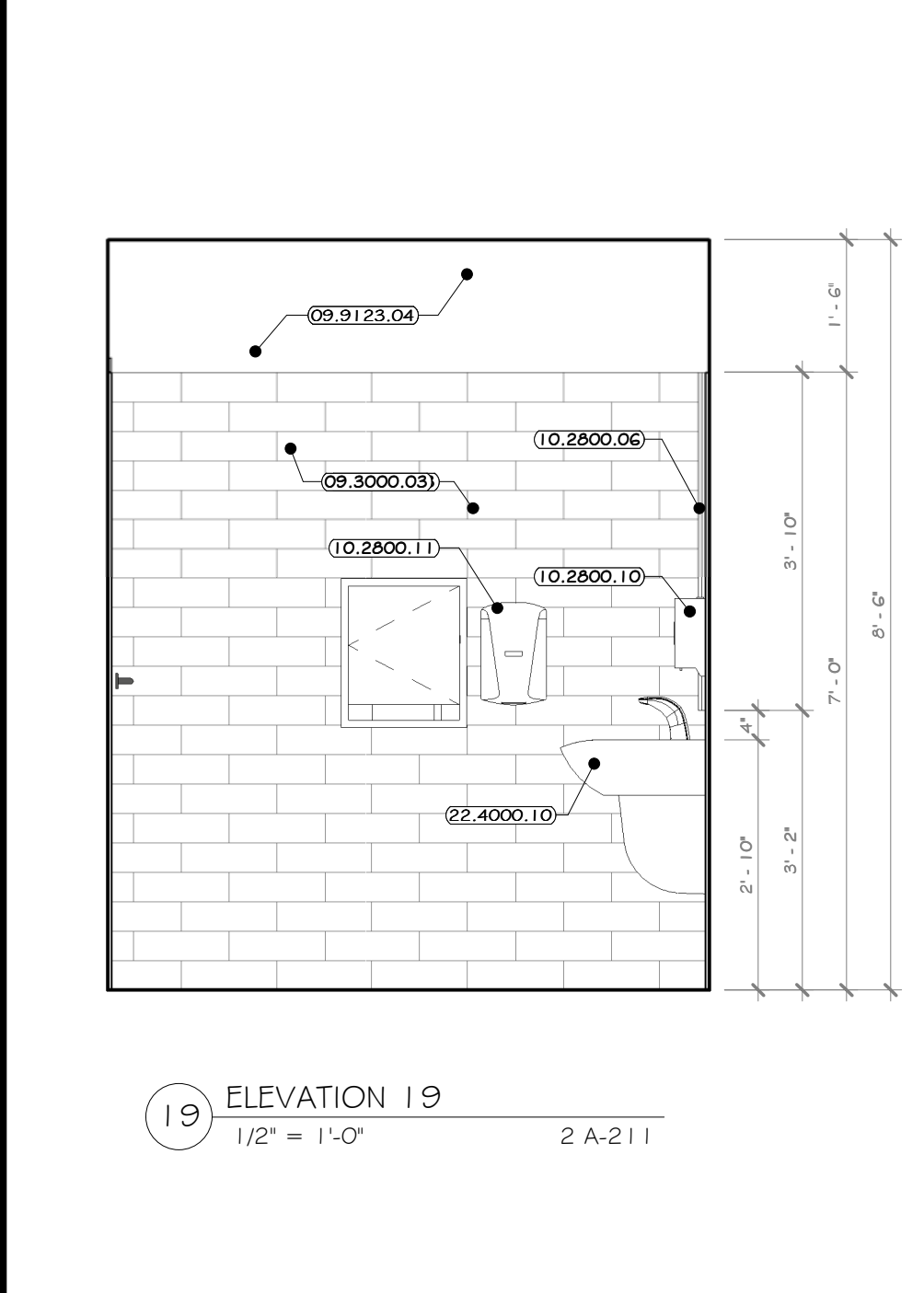
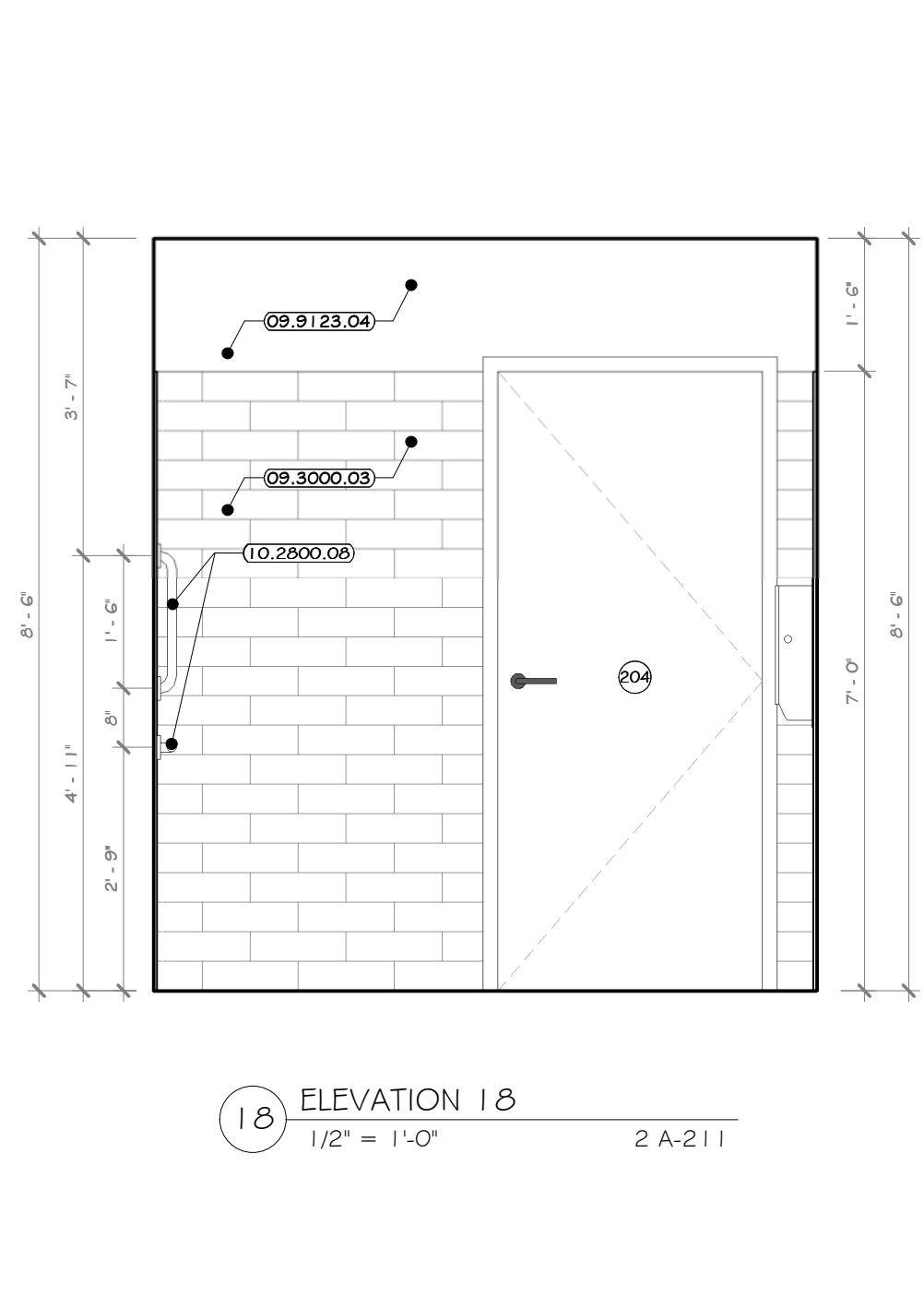
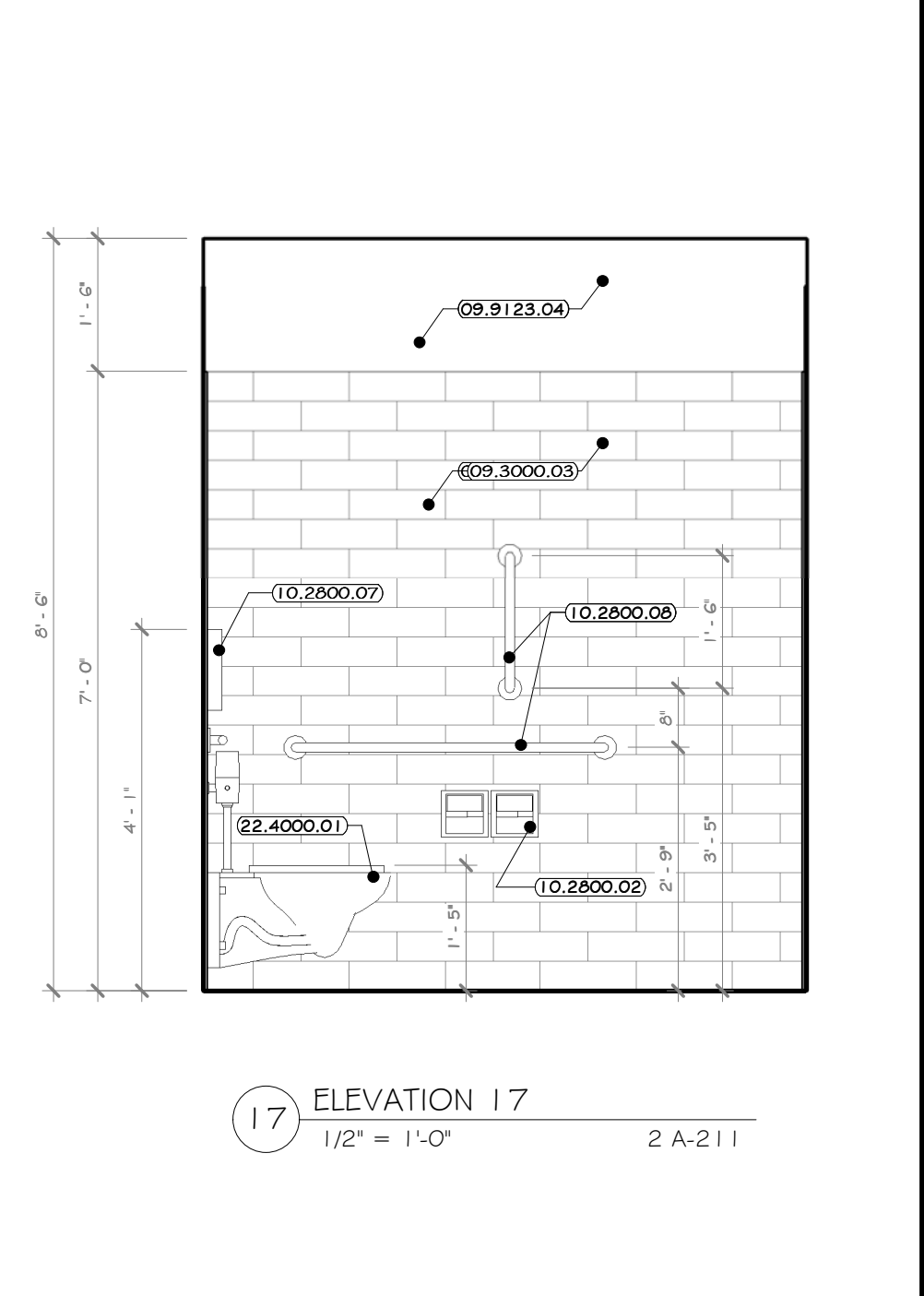
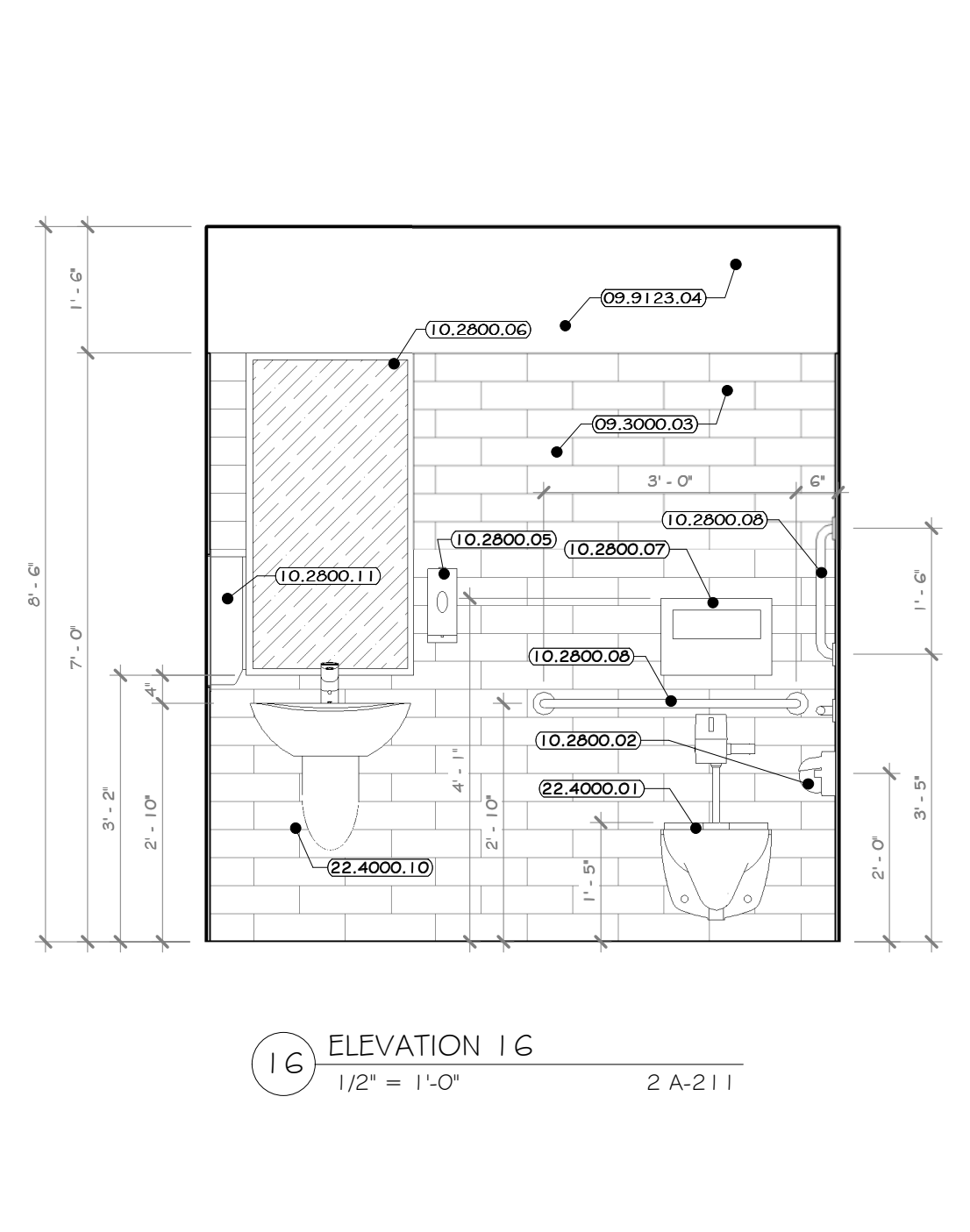
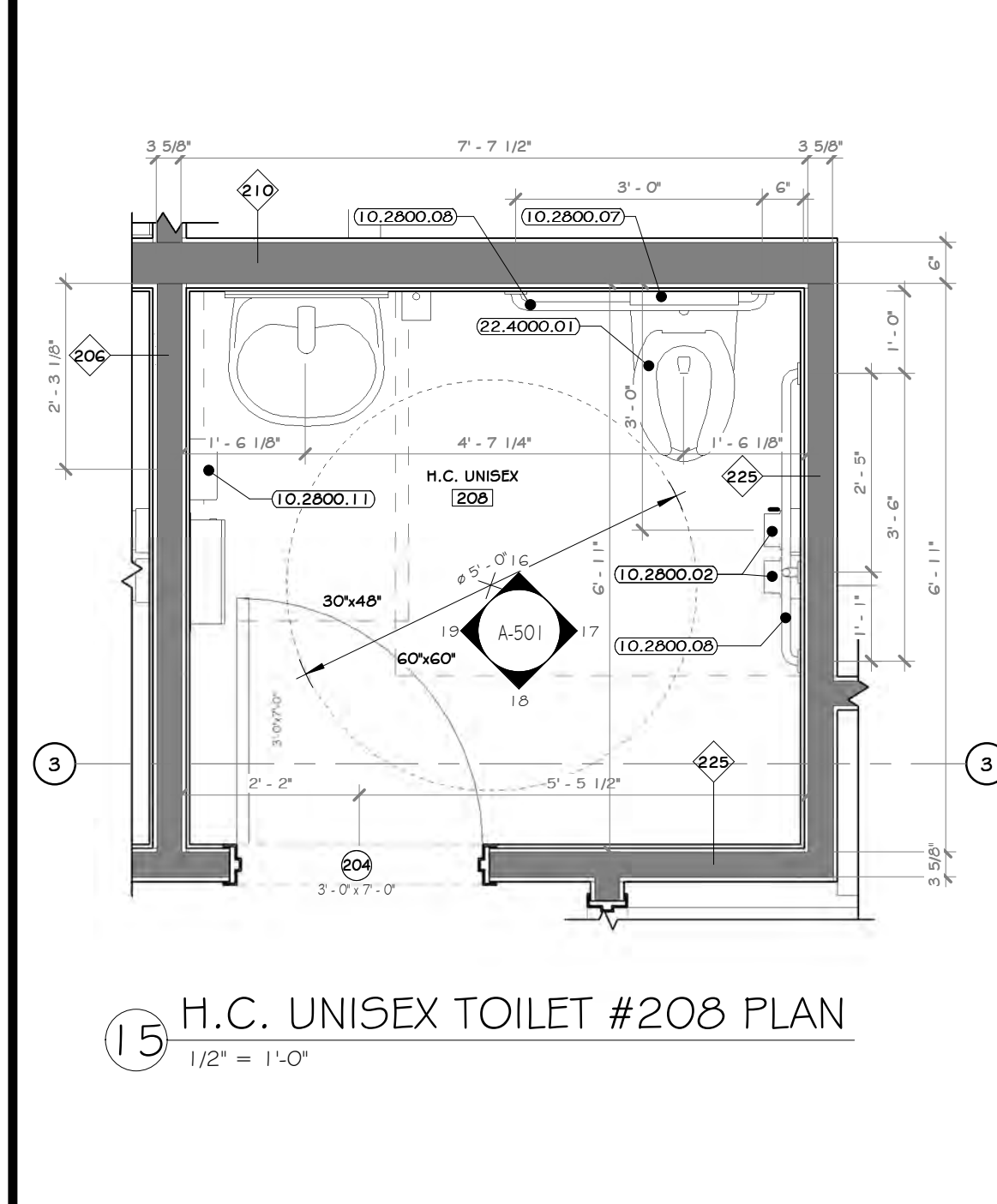


**CONSTRUCTION NOTES** NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING

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- GYP. BOARD TO BE PAINTED WALL W/ COLORS AS PER PAINT PLAN.
- EXPOSED CMU TO HAVE BLOCK FILL PAINT AT ALL LOCATIONS.
- PENDULUM TOILET AND URINAL PARTITIONS- LATCHES, COAT HOOK, BUMPER, AND WALL STOP TO BE FURNISHED WITH EACH DOOR. PARTITIONS TO BE FLOOR MOUNTED, OVERHEAD BRACED, G.C. TO PROVIDE STRUCTURE TO MOUNT PARTITION AND COORDINATE WITH INSTALLED DOORS TO HAVE CONTINUOUS STRIKE & TRING. ALL TOILET PARTITIONS TO BE INSTALLED AT STANDARD MOUNTING HEIGHT. SEE DRAWING A-612-BP.
- LINE OF CLEAR FLOOR SPACE REQUIRED.
- ALL ACCESSIBLE FIXTURES TO MEET REQUIREMENTS OF ANSII 117.1.
- EXPOSED PIPING BELOW LAVATORIES TO BE INSULATED.

**KEY NOTES**

09.3000.03 GLAZED WALL TILE, 4\"/>

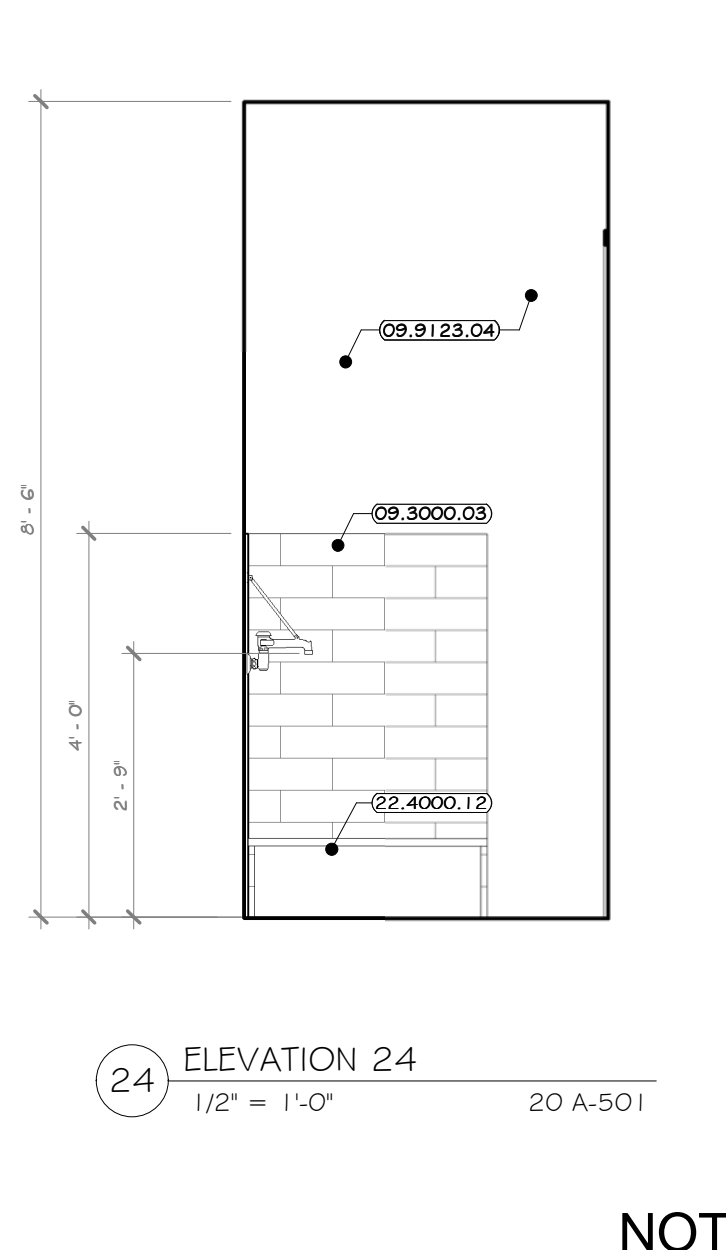
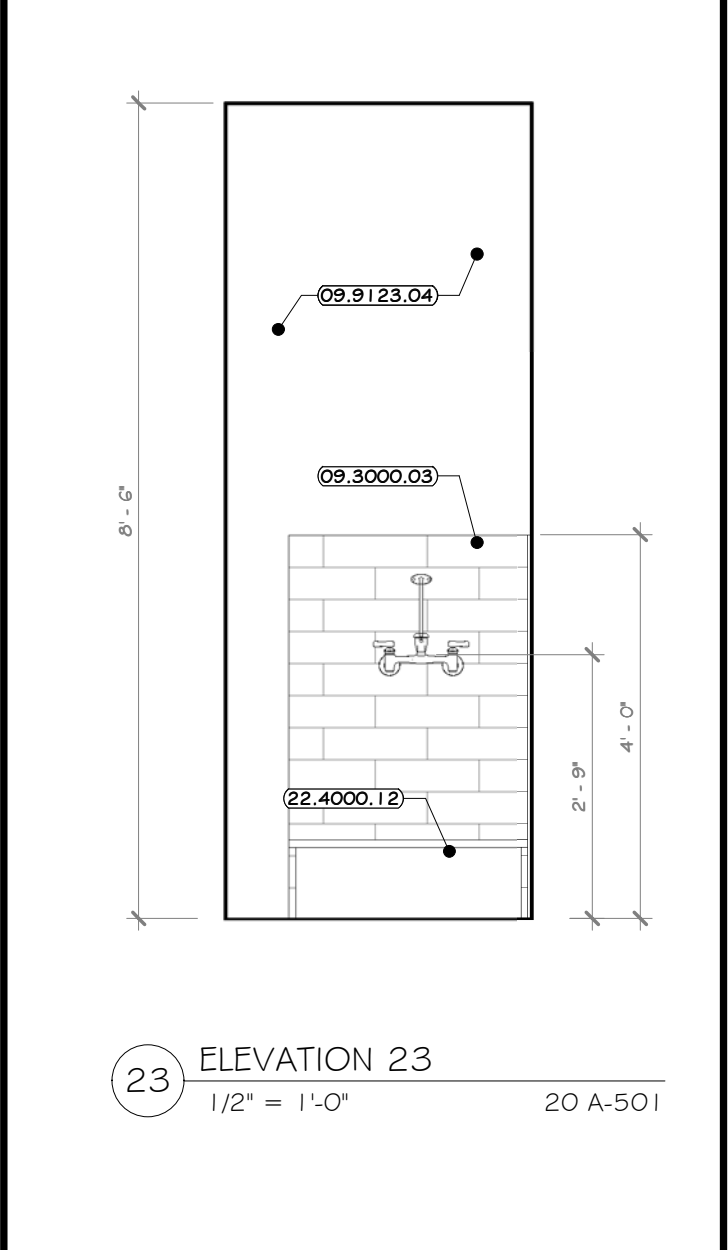
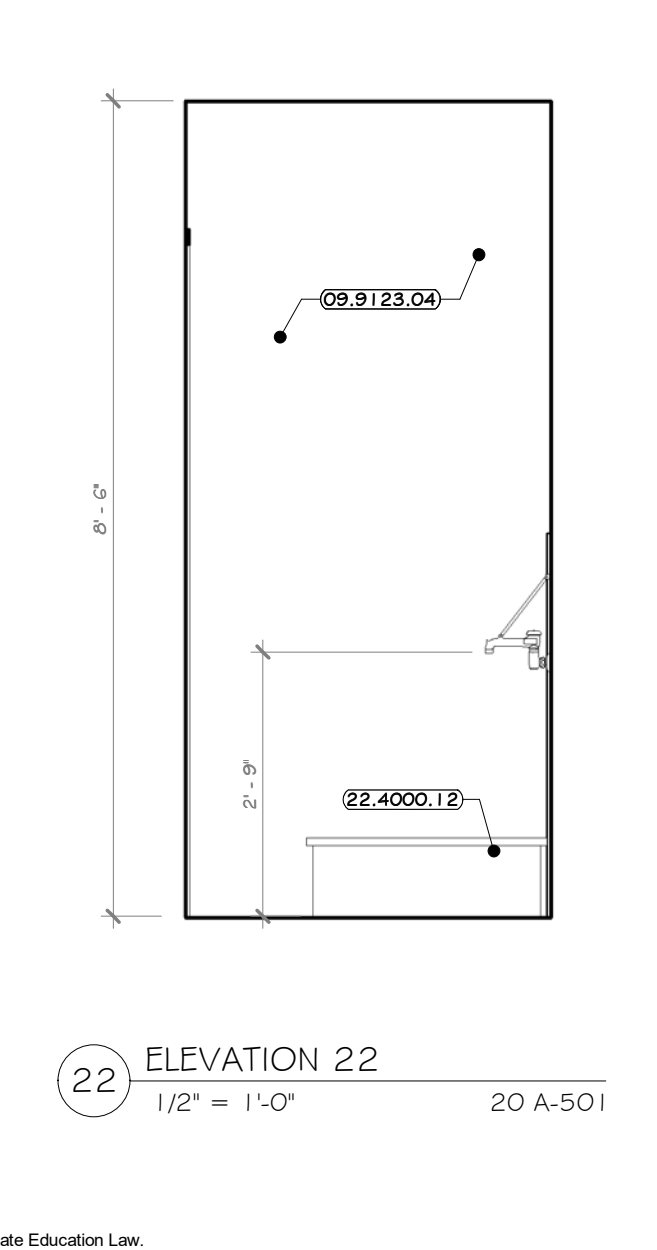
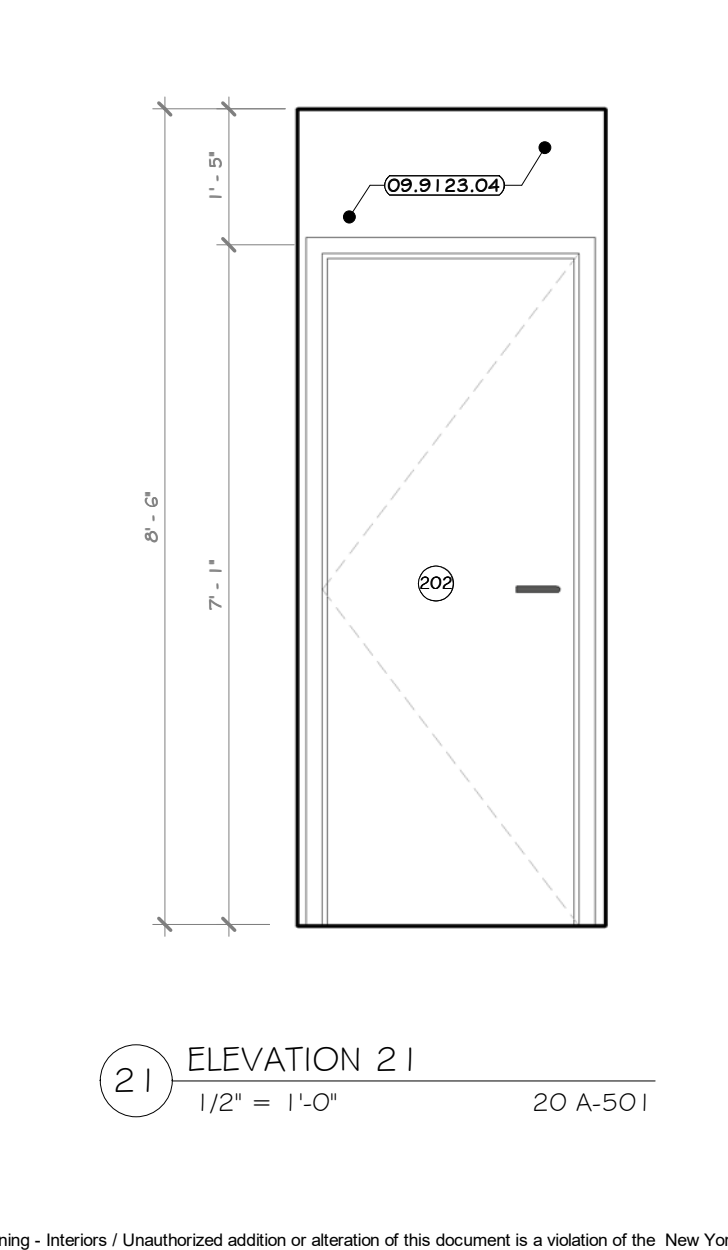
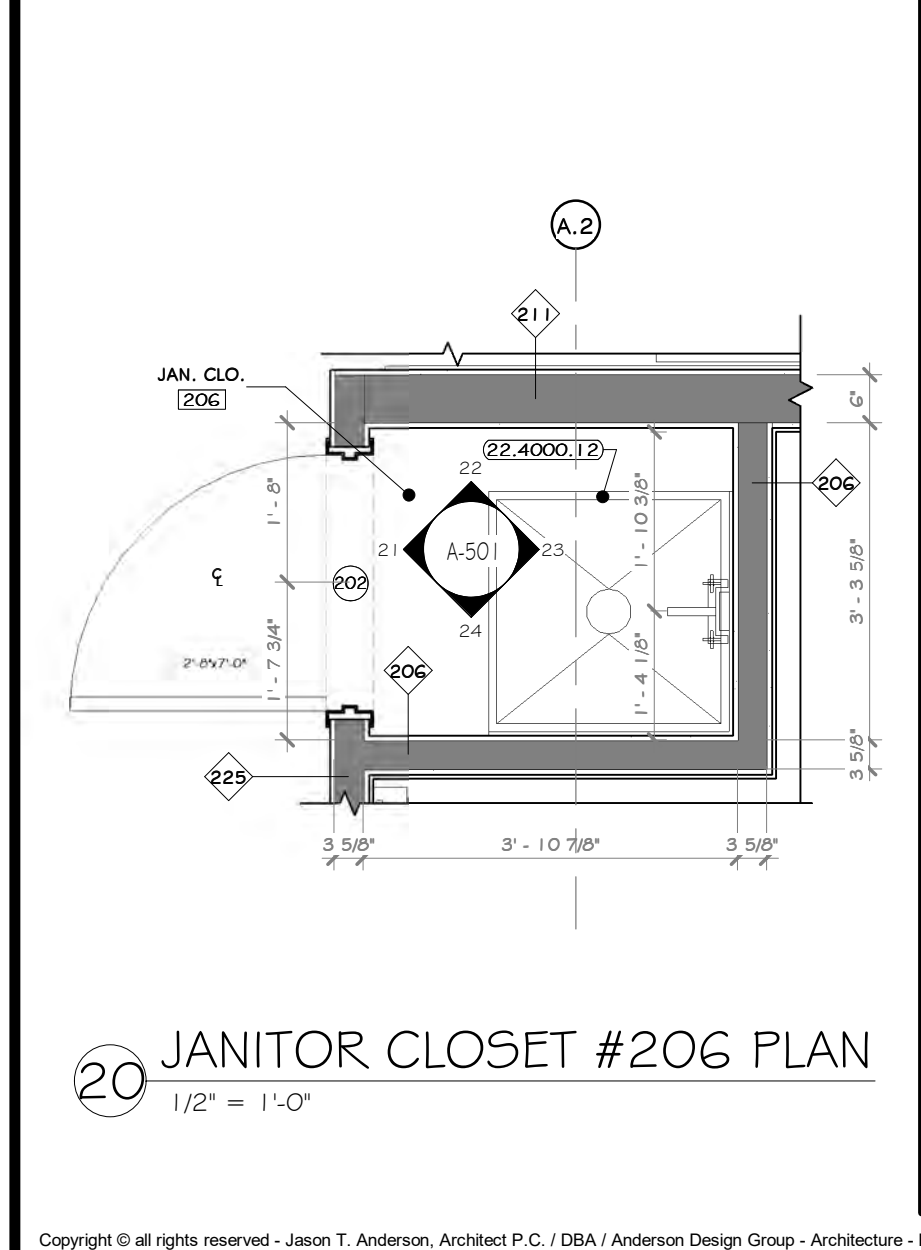


**PROJECT**

**KEY PLAN**

**AREA OF CONSTRUCTION**

**NORTH**



REV	DESCRIPTION	DATE	BY	CHK
07-21-19	REVISED FOR RFP ADDENDUM 6	07-21-19	AW	AW
07-06-19	ISSUED FOR RFP	07-06-19	AW	AW

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1 Huntington Quadrangle, 3501  
Melville, NY 11747  
Tel: 631-756-1060  
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**STERLING**  
Sterling Environmental Engineering, P.C.

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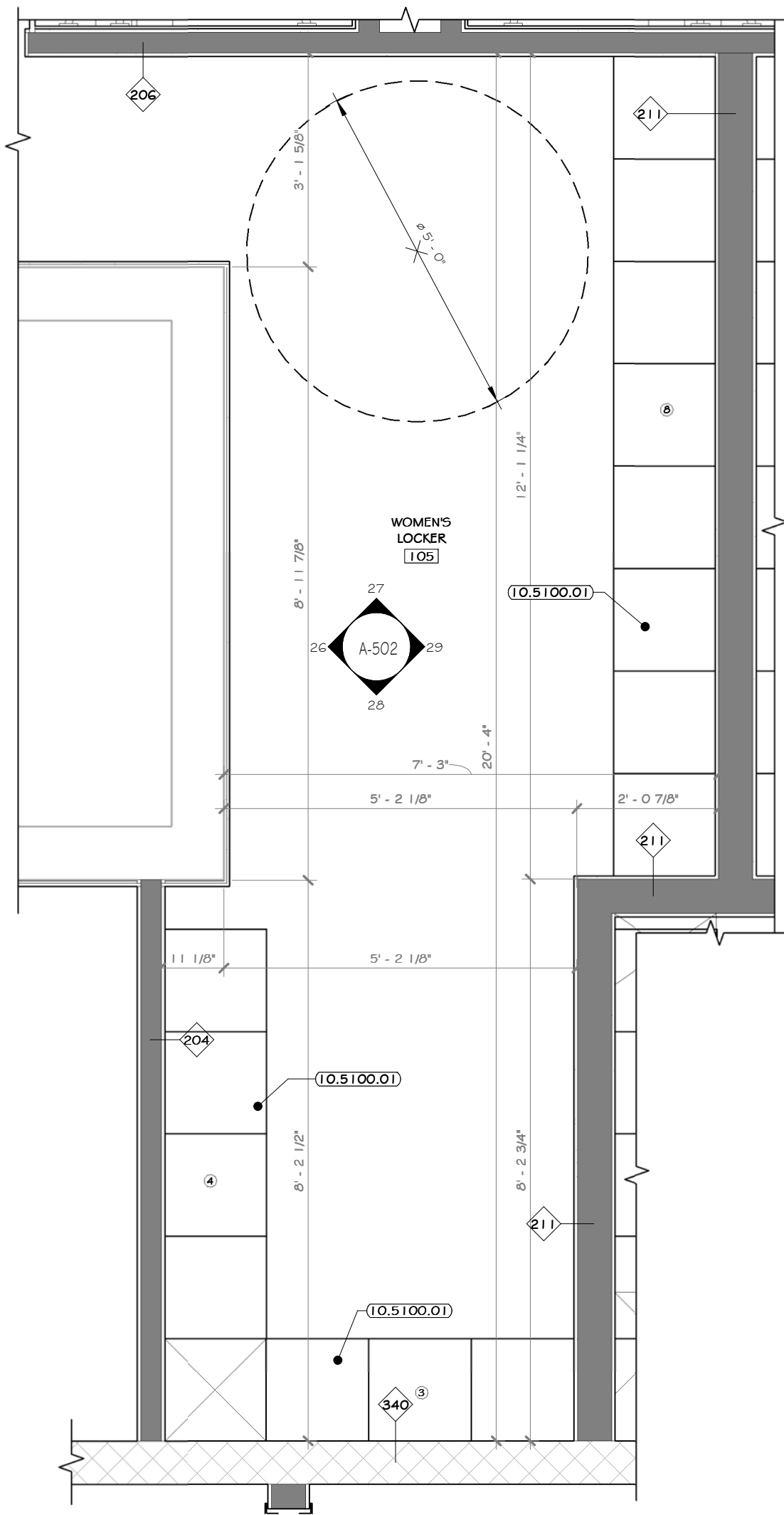
**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING INTERIORS

**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

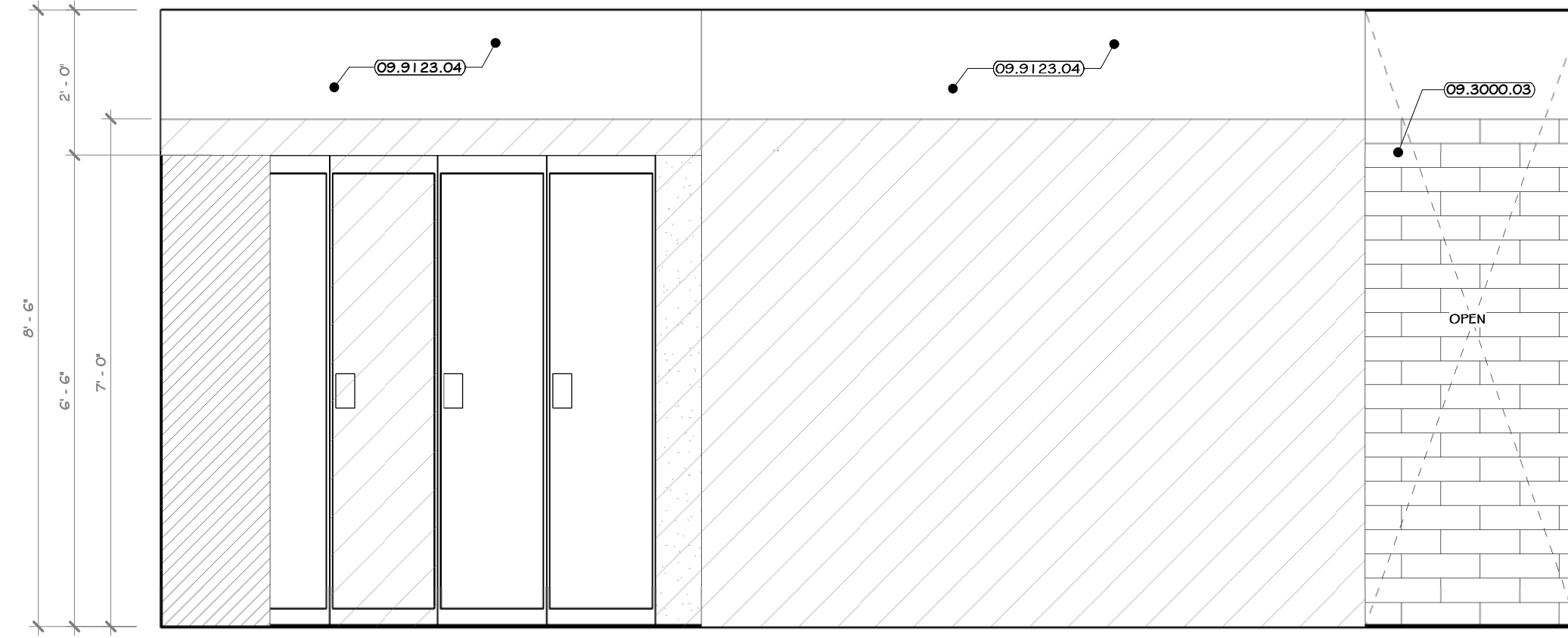
**ROCKLAND GREEN**  
MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**H.C. UNISEX #208, UNISEX #207, JAN. CLO. #206 INT. ELV'S.**

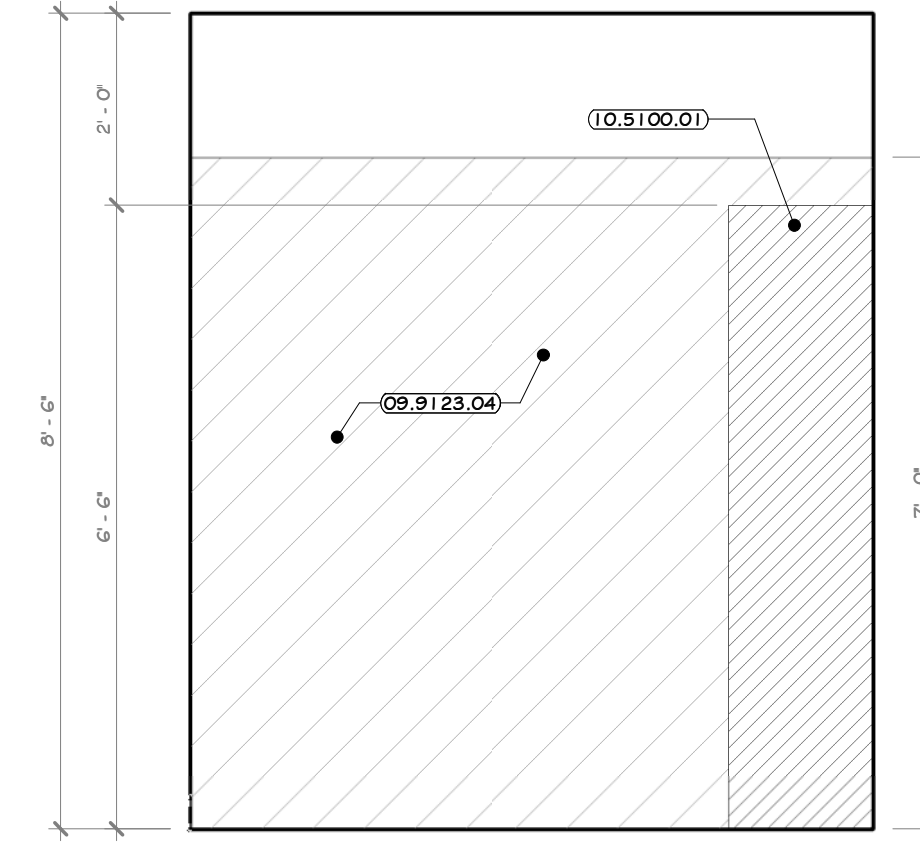
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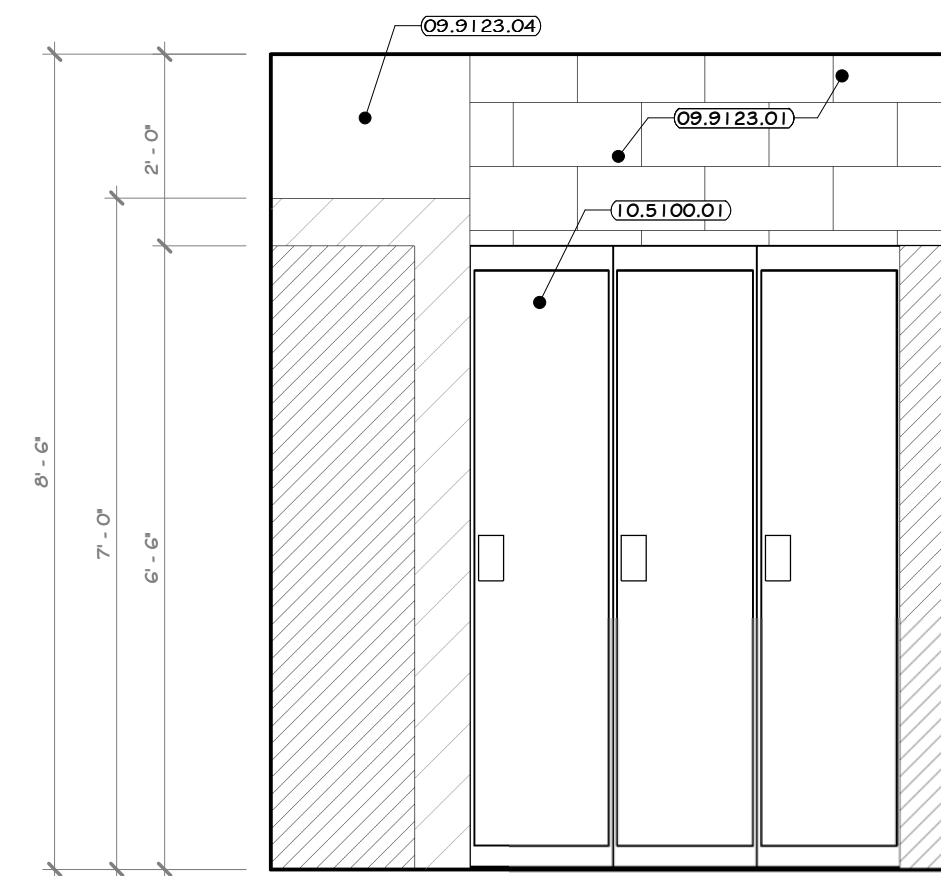
25 ENLARGED WOMEN'S LOCKER RM. #105 PLAN  
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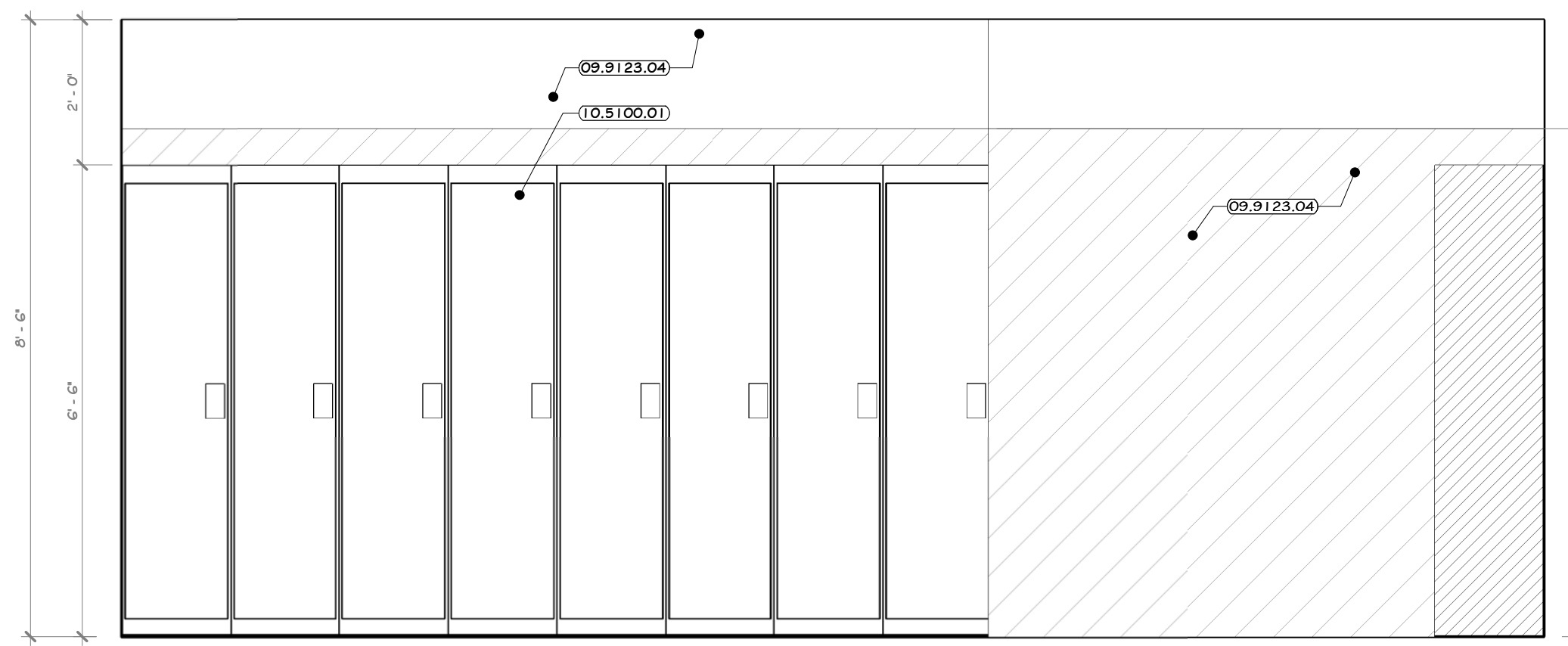
26 ELEVATION 26  
1/2" = 1'-0" 1 A-211



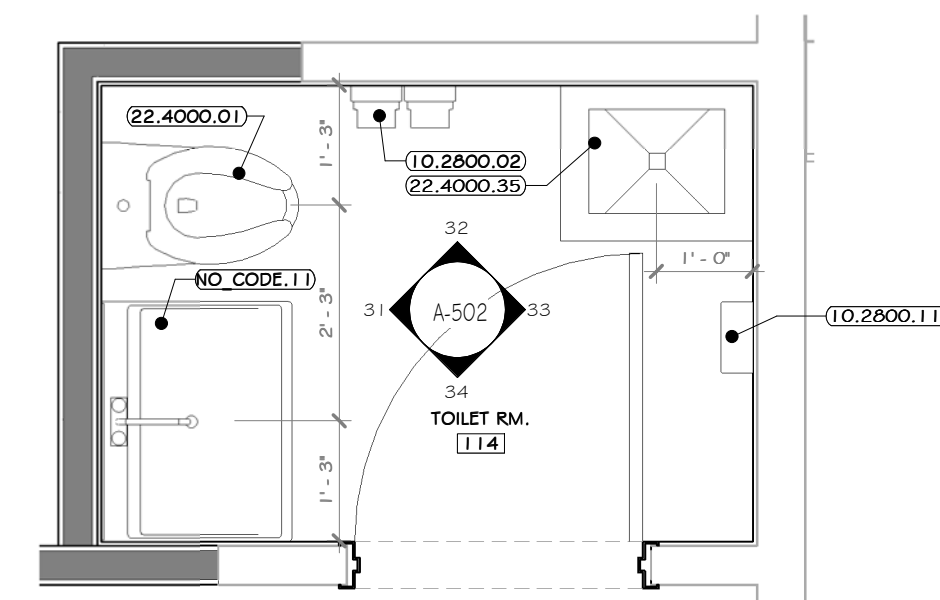
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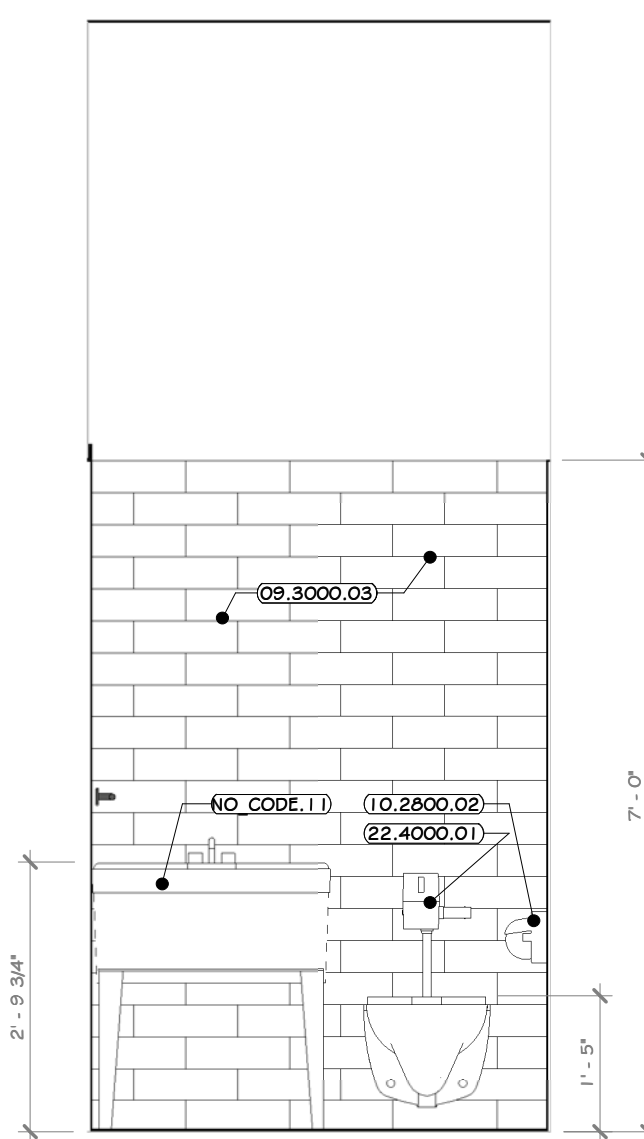
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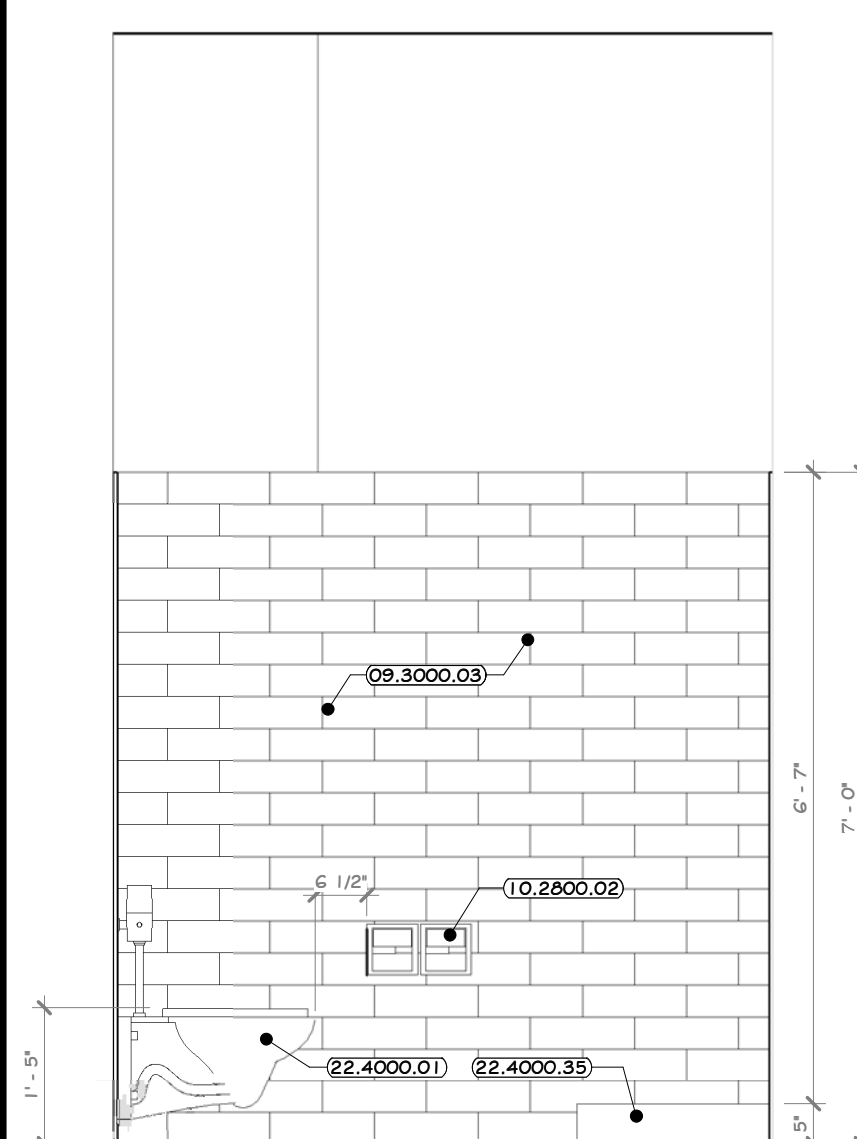
29 ELEVATION 29  
1/2" = 1'-0" 1 A-211



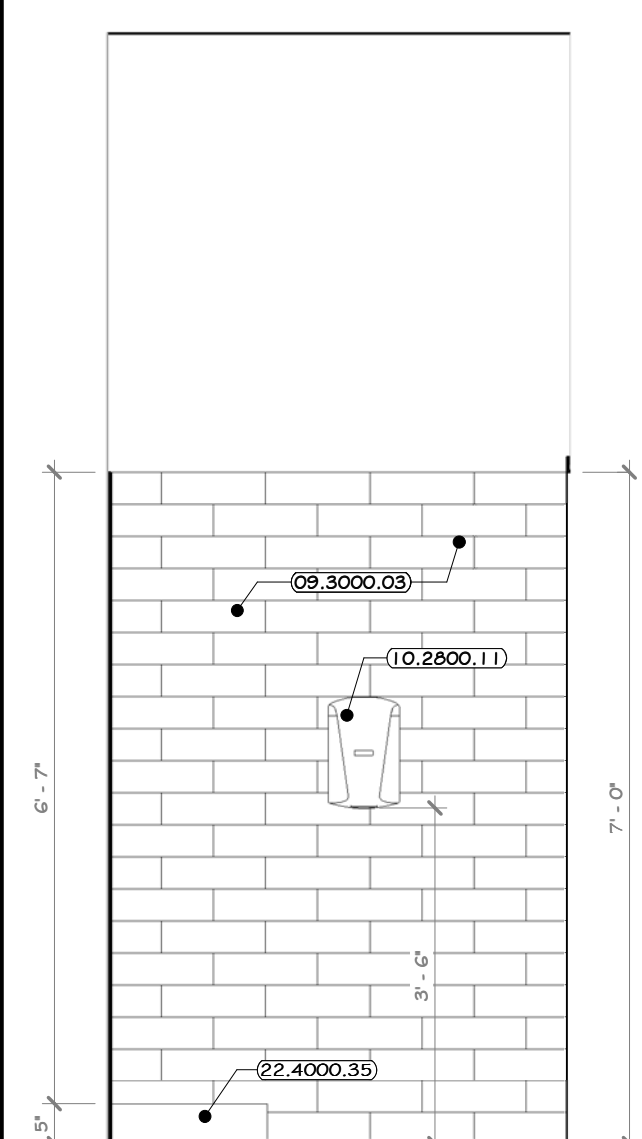
30 ENLARGED TOILET ROOM #114  
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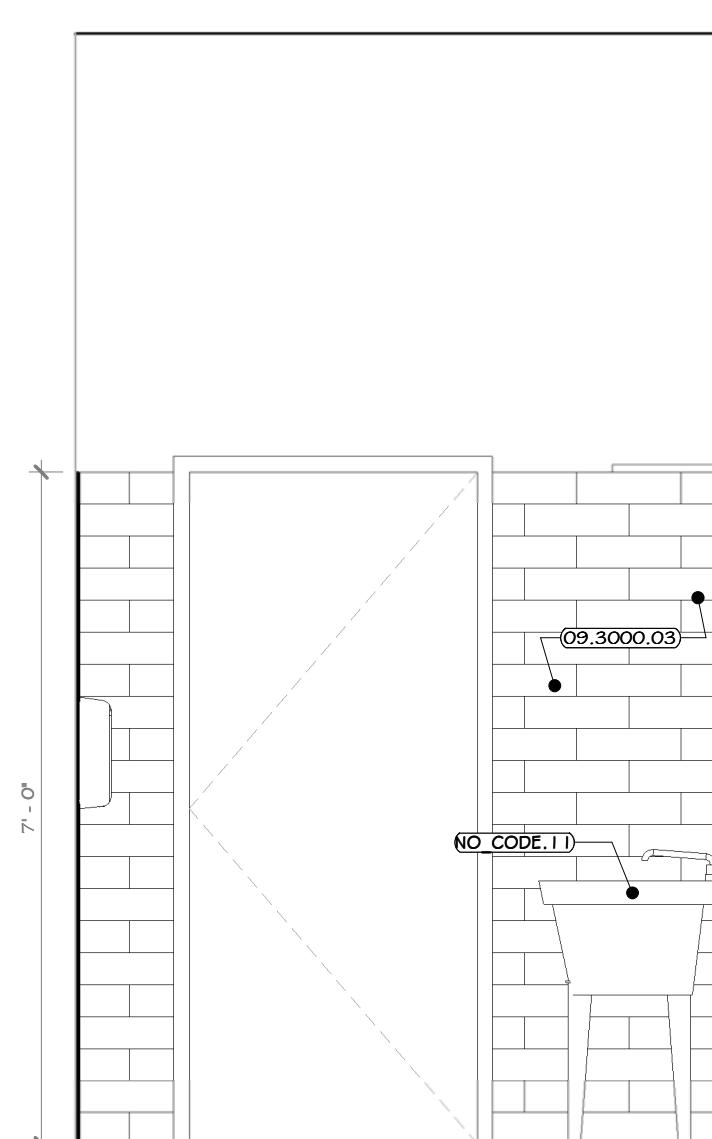
31 ELEVATION 31  
1/2" = 1'-0" 3 A-211



32 ELEVATION 32  
1/2" = 1'-0" 3 A-211



33 ELEVATION 33  
1/2" = 1'-0" 3 A-211



34 ELEVATION 34  
1/2" = 1'-0" 3 A-211

CONSTRUCTION NOTES

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- PHENOLIC TOILET AND URINAL PARTITIONS: LATCHES, COAT HOOK, BUMPER, AND WALL STOP TO BE FURNISHED WITH EACH DOOR. PARTITIONS TO BE FLOOR MOUNTED, OVERHEAD BRACED. G.C. TO PROVIDE STRUCTURE TO MOUNT PARTITION AND COORDINATE WITH INSTALLER. DOORS TO HAVE CONTINUOUS STRIKE & HINGE. ALL TOILET PARTITIONS TO BE INSTALLED AT STANDARD MOUNTING HEIGHT. SEE DRAWING A-6112-BP.
- LINE OF CLEAR FLOOR SPACE REQUIRED.
- ALL ACCESSIBLE FIXTURES TO MEET REQUIREMENTS OF ANSI A117.1.
- EXPOSED PIPING BELOW LAVATORIES TO BE INSULATED.

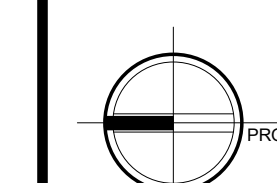
LEGEND



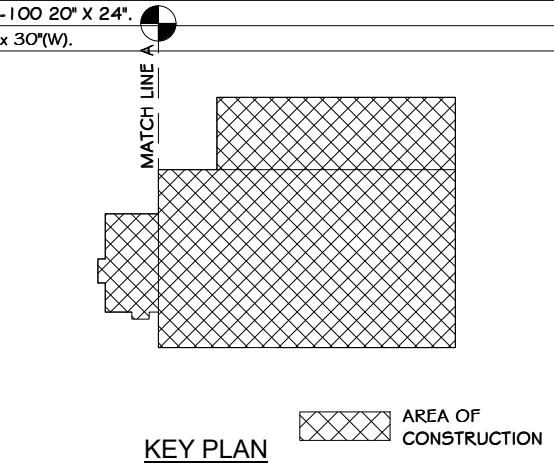
LOCKER ROOM AREA TO HAVE FRP ON THE WALLS UP TO 7'-0"

KEY NOTES

- 09.3000.03 GLAZED WALL TILE, 4" X 13"
- 09.9123.01 INTERIOR LATEX PAINT CONCRETE, MASONRY - WALLS AND CEILINGS.
- 09.9123.04 INTERIOR LATEX DRAWABLE PAINT
- 10.2800.02 TOILET PAPER DISPENSER, DOUBLE ROLL, SURFACE MOUNT, DODRICK #R265.
- 10.2800.11 ELECTRIC HAND DRYER, THINAIR HAND DRYER.
- 10.5100.01 HEAVY DUTY METAL LOCKERS, SINGLE TIER, 72" H X 14" W X 14" DEEP.
- 22.4000.01 WALL-HUNG TOILET, #1700UR.
- 22.4000.35 SERVICE BASIN, PATL #58-100 20" X 24".
- NO CODE.11 GOLF BALL SINK, 24" (2) X 30"(W).



NORTH



KEY PLAN

**STERLING**  
Sterling Environmental Engineering, P.C.

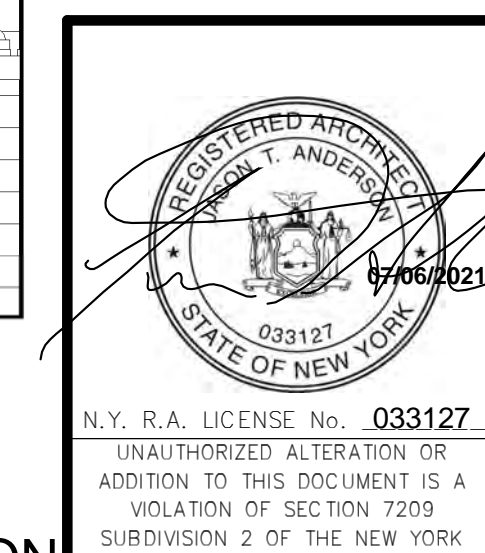
**martinrogers**  
ENGINEERING CONSULTANT  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18703  
1-570-826-1000 | F 570-825-0888 | W. WWW.MRSGP.COM

**ANDERSON DESIGN GROUP**  
ARCHITECTURE  
PLANNING  
INTERIORS

**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN  
MATERIALS RECOVERY FACILITY,  
FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

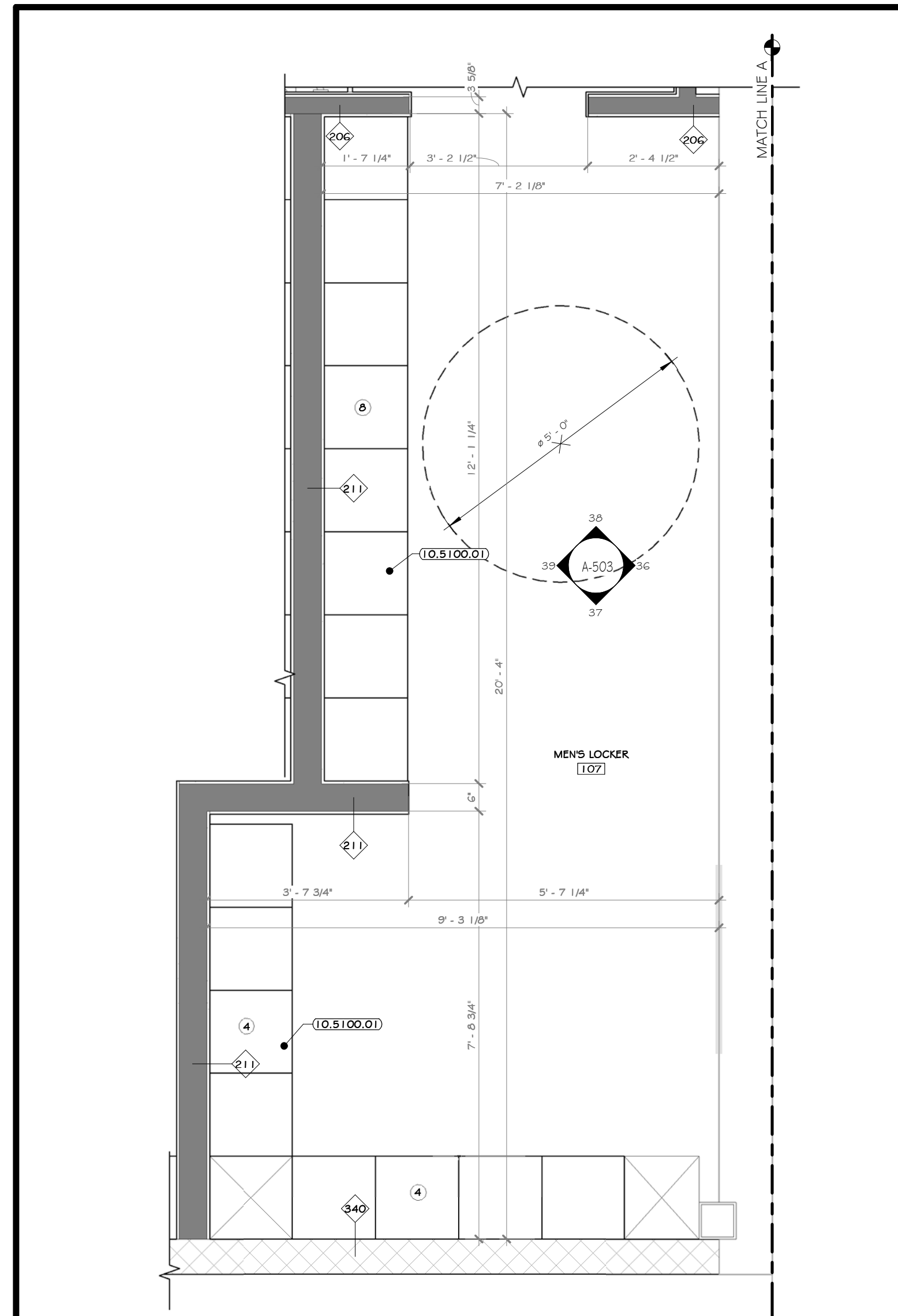
**WOMEN'S LOCKER ROOM #105, TOILET RM. #114 PLAN & INT. ELEVATIONS**



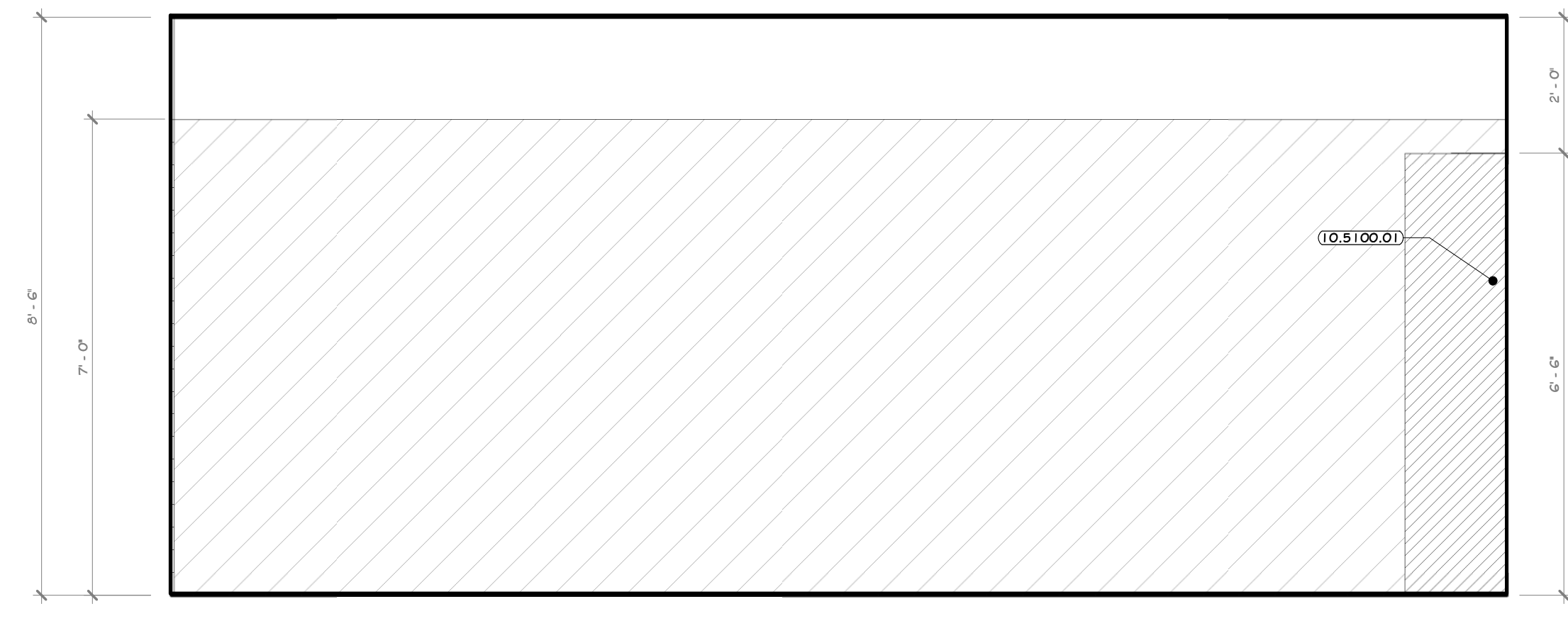
REVISED FOR RFP ADDENDUM 6	07-21-21
ISSUED FOR RFP	07-06-21
DESCRIPTION	DATE
PROPRIETARY DATA	BY
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<b>RRT Engineering, LLC</b>	DATE
1 Huntington Quadrangle, 5801	DATE
Melville, NY 11747	DATE
ph: 631-756-1060	DATE
fax: 631-756-1064	DATE

DRAWN	IDEA	07/06/21	PROJ. No: 499-010	SCALE: AS SHOWN
CHECKED	ANG	07/06/21	DWG. NO: A-502	
DESIGNED	ANG	07/06/21	CAD FILE:	A
APPROVED	ANG	07/06/21	SHEET SIZE: D-24x36	REV

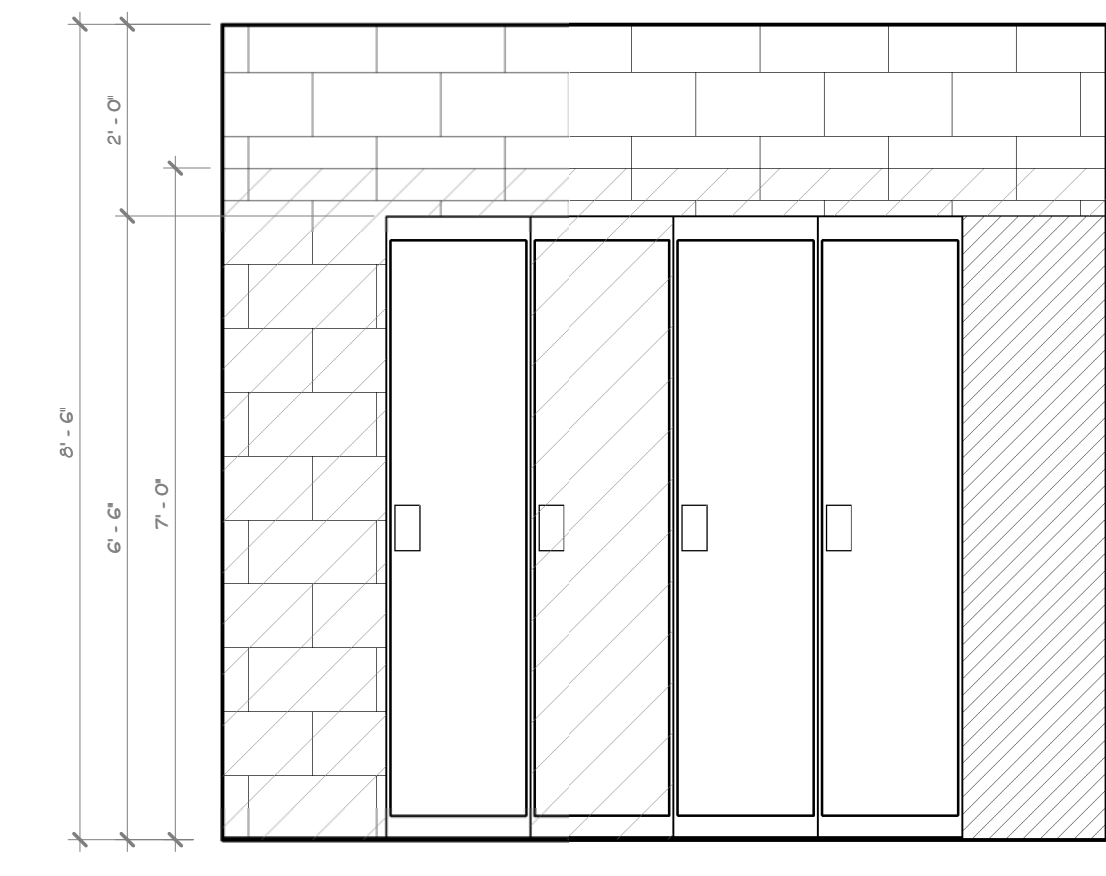
NOT FOR CONSTRUCTION



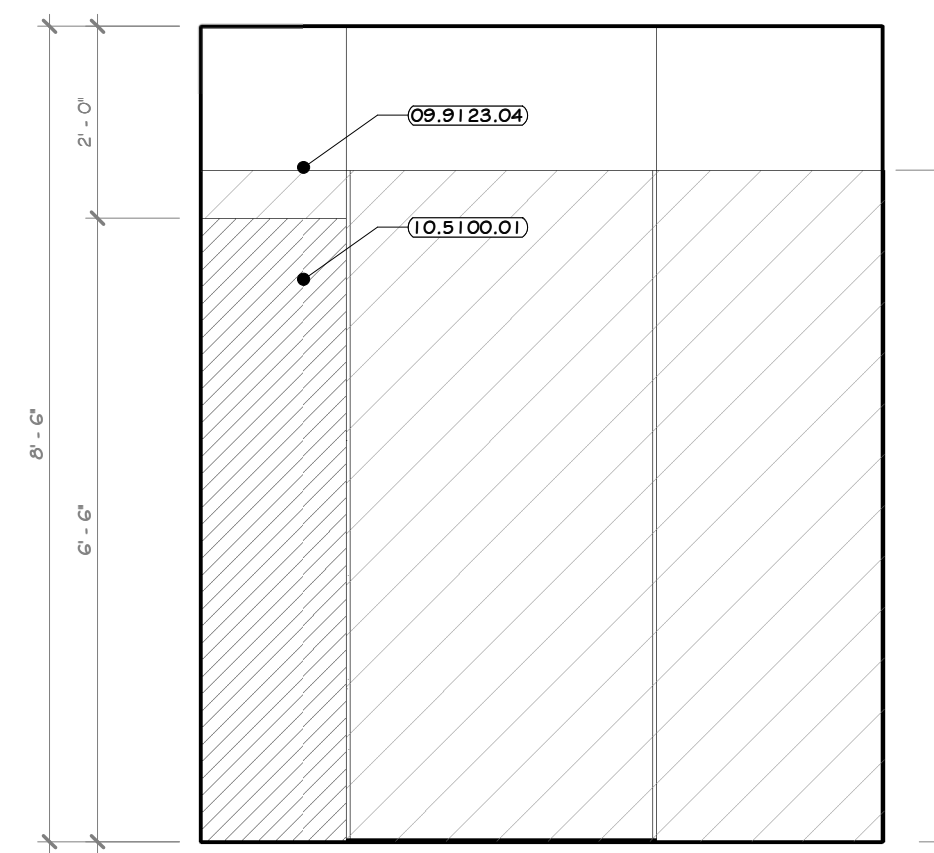
35 ENLARGED MEN'S LOCKER ROOM #107 PLAN  
1/2" = 1'-0"



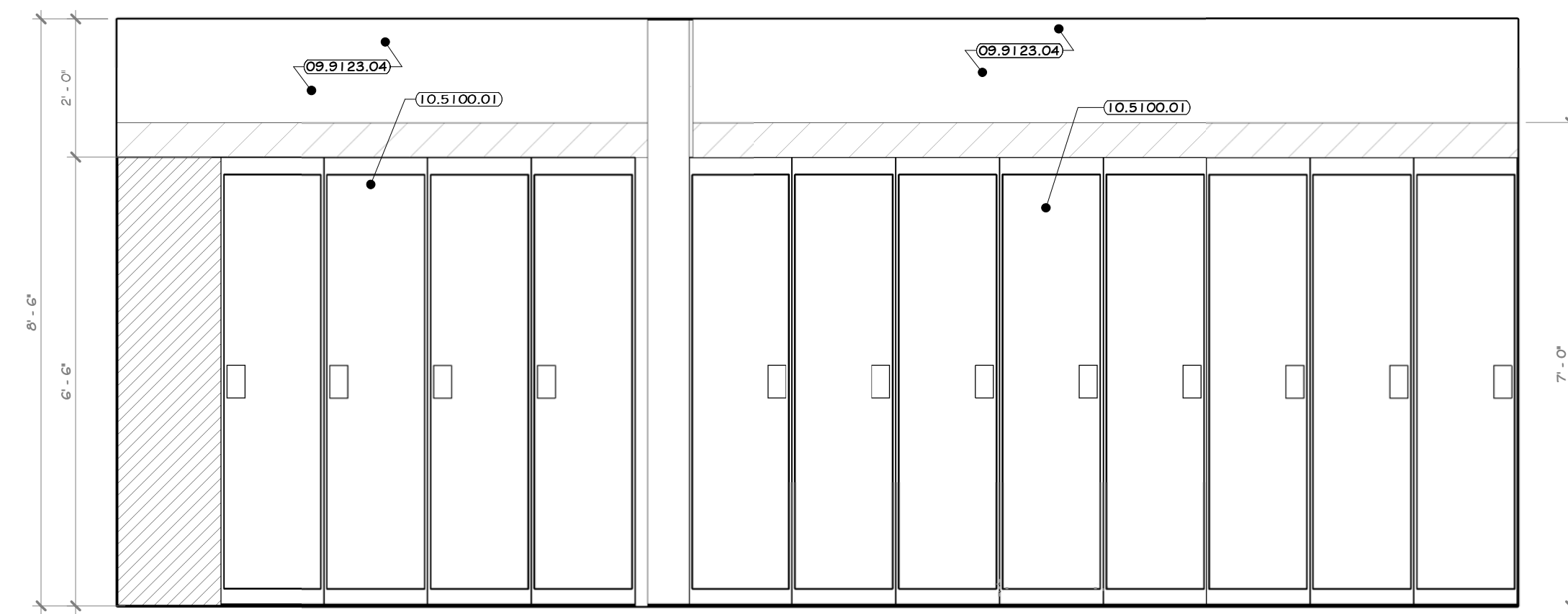
36 ELEVATION 36  
1/2" = 1'-0" I A-211



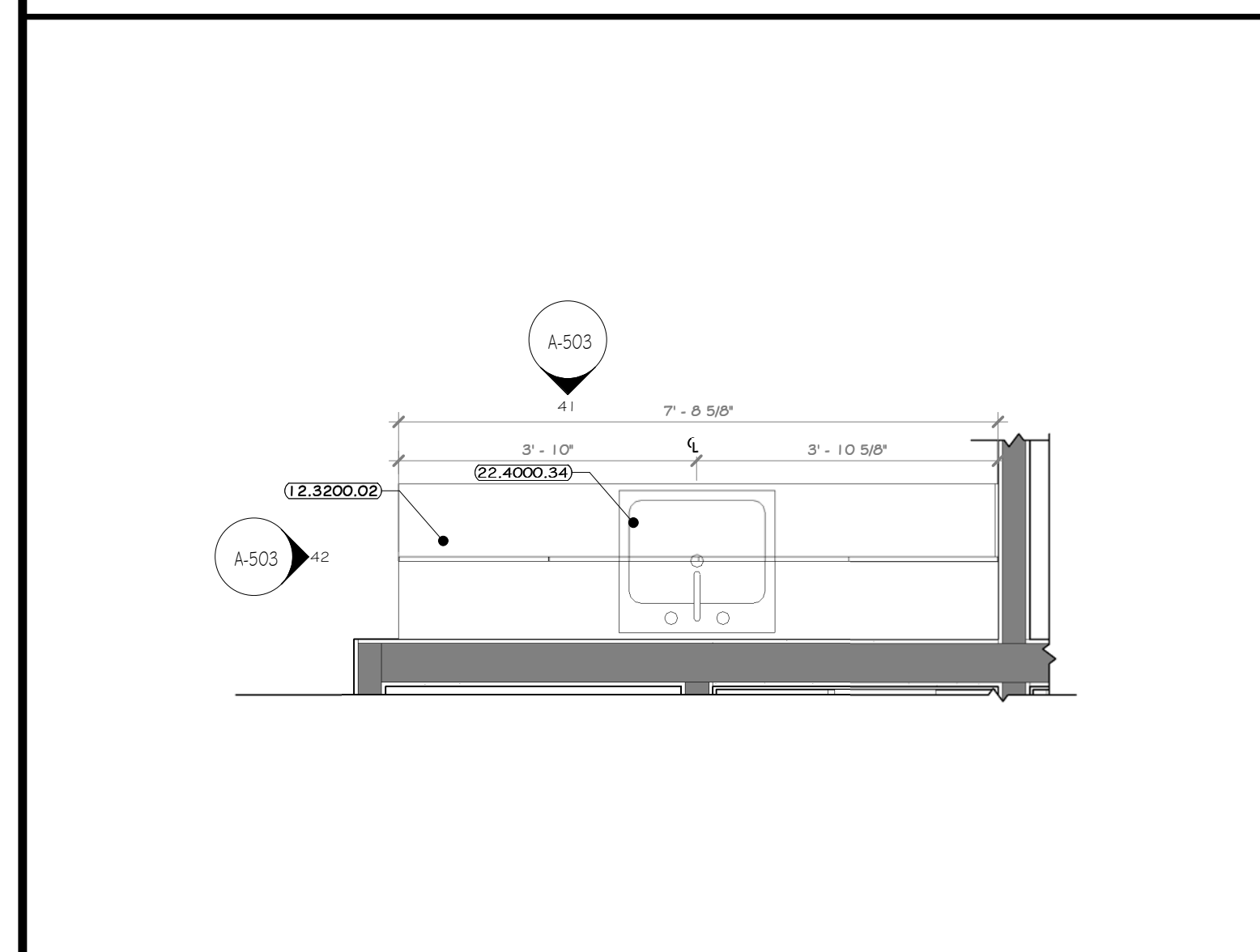
37 ELEVATION 37  
1/2" = 1'-0" I A-211



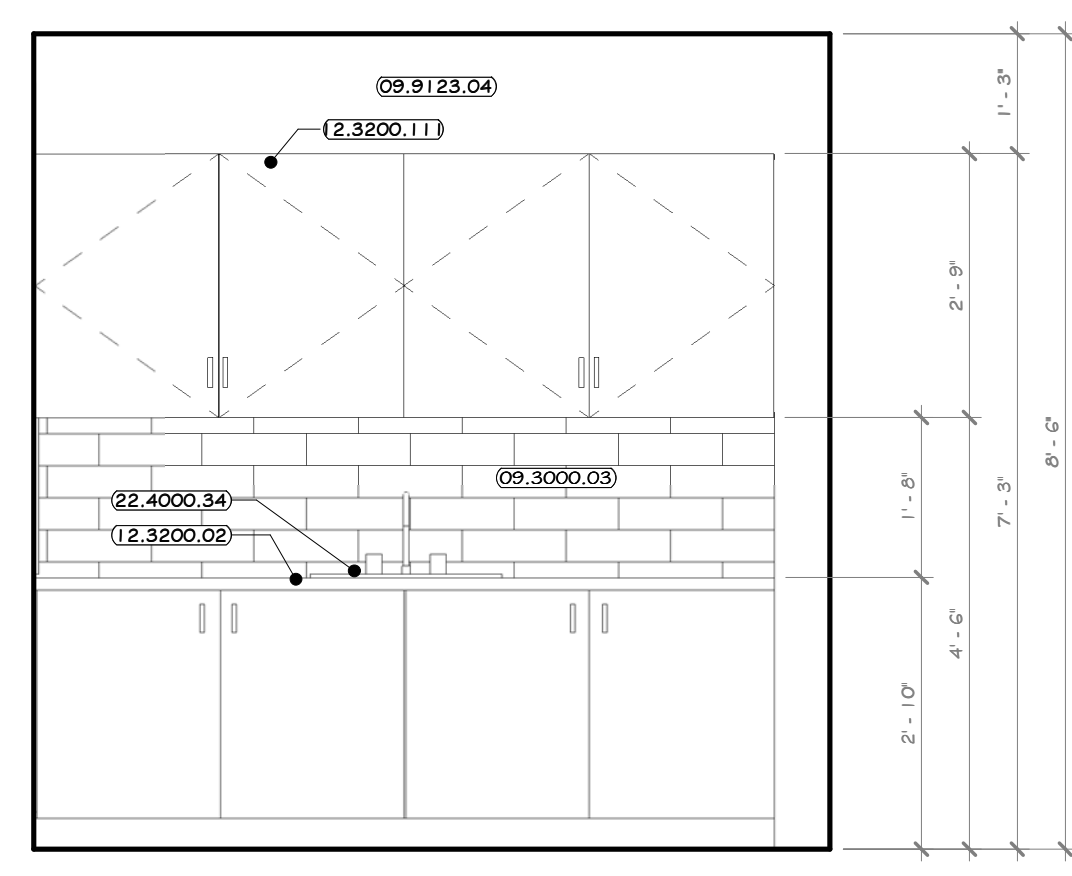
38 ELEVATION 38  
1/2" = 1'-0" I A-211



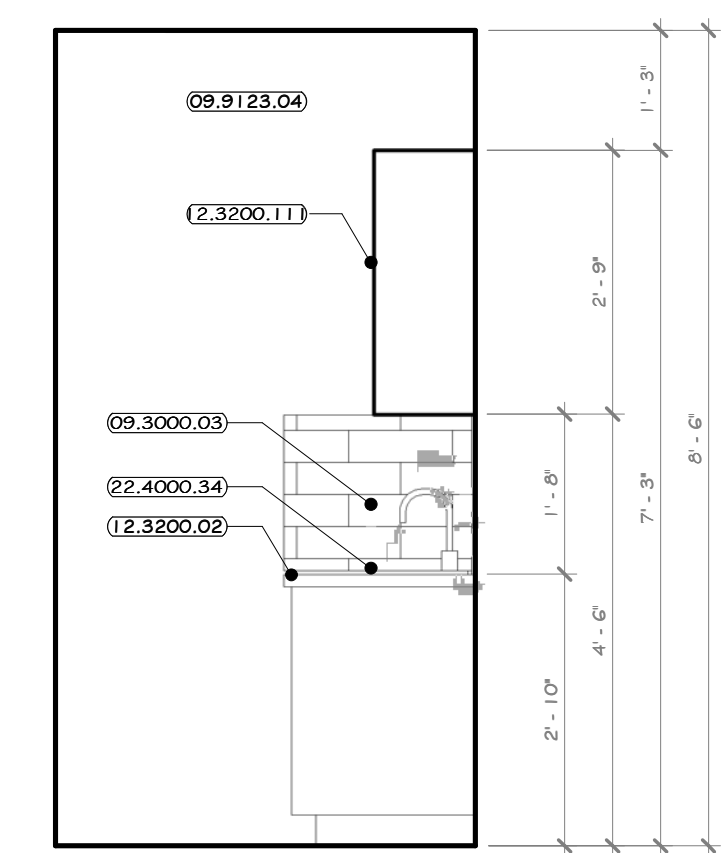
39 ELEVATION 39  
1/2" = 1'-0" I A-211



40 ENLARGED KITCHENETTE FLOOR PLAN  
1/2" = 1'-0"

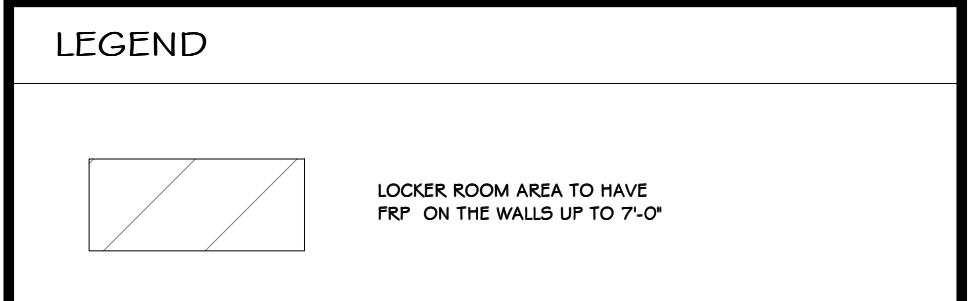


41 ELEVATION 41  
1/2" = 1'-0" 40 A-503

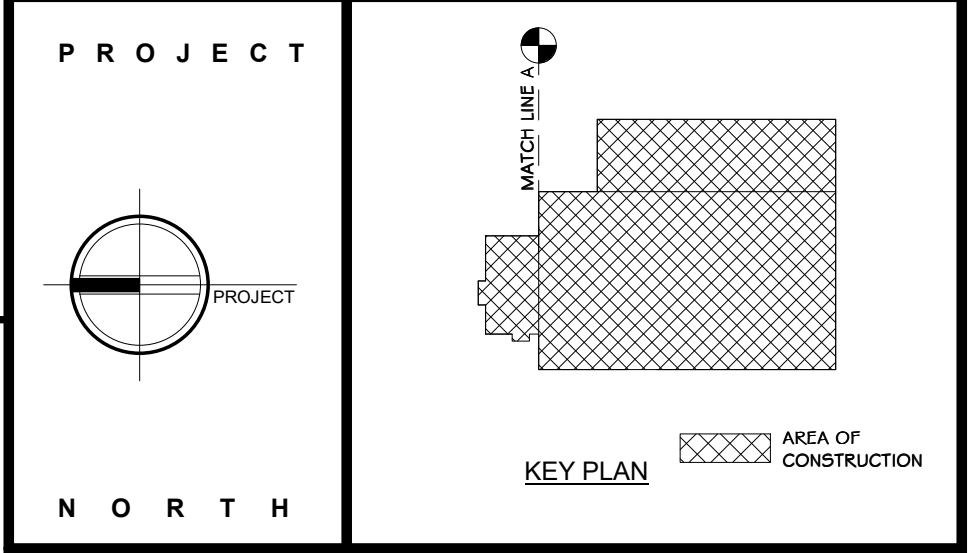


42 ELEVATION 42  
1/2" = 1'-0" 40 A-503

- ### CONSTRUCTION NOTES
- NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING
- REFER TO TYPICAL ADA REQUIREMENT SHEET IN CONJUNCTION WITH THIS SHEET, FOR MOUNTING HEIGHTS AND DIMENSIONS.
  - INSTALL BLOCKING BEHIND ALL WALL MOUNTED FIXTURES, MIRRORS, GRAB BARS, AND TOILET PARTITIONS, AS REQUIRED.
  - GC IS TO COORDINATE SELECTION OF ALL TOILET ACCESSORIES AND FIXTURES WITH THE OWNER. THE ITEMS LOCATED WITHIN THE SPECIFICATIONS ON THIS SHEET ARE ONLY FOR BIDDING PURPOSES AND MAY OR MAY NOT BE SELECTED/PROVIDED BY THE OWNER.
  - TILE TO CONTINUE AROUND ENTIRE ROOM. ALL INSIDE CORNERS, OUTSIDE CORNERS, EXPOSED EDGES AT TERMINATION POINTS (TOP OF TILE, ETC. ARE TO RECEIVE SOLFLUTER EDGE TRIM. SEE SHEET A-604-BP.
  - DYP. BOARD TO BE PAINTED WALL W/ COLORS AS PER PAINT PLAN.
  - EXPOSED CAB TO HAVE BLOCK FILL PAINT AT ALL LOCATIONS.
  - PHENOLIC TOILET AND URINAL PARTITIONS: LATCHES, COAT HOOK, BUMPER, AND WALL STOP TO BE FURNISHED WITH EACH DOOR. PARTITIONS TO BE FLOOR MOUNTED, OVERHEAD BRACED. G.C. TO PROVIDE STRUCTURE TO MOUNT PARTITION AND COORDINATE WITH INSTALLER. DOORS TO HAVE CONTINUOUS STRIKE & HINGE. ALL TOILET PARTITIONS TO BE INSTALLED AT STANDARD MOUNTING HEIGHT. SEE DRAWING A-612-BP.
  - LINE OF CLEAR FLOOR SPACE REQUIRED.
  - ALL ACCESSIBLE FIXTURES TO MEET REQUIREMENTS OF ANSI A117.1.
  - EXPOSED PIPING BELOW LAVATORIES TO BE INSULATED.



- ### KEY NOTES
- 09.3000.03 ISOLATED WALL TILE, 4" X 13"
  - 09.3123.04 INTERIOR LATEX DRYWALL PAINT
  - 10.5100.01 HEAVY DUTY METAL LOCKERS, SINGLE TIER, 78" H X 18" W X 18" DEEP
  - 12.3200.02 WOOD LAMINATE KITCHENETTE CASWORKS
  - 12.3200.11 PLASTIC LAMINATE CASWORKS, 12" DEEP WALL CABINET
  - 22.4000.34 KITCHEN SINK, SINGLE BASIN, UNDERMOUNT, ADA ELEVAY 16 1/2" X 20 1/2" X 4 3/8" D.5.



**STERLING**  
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**martinrogers**  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18703  
1.570.826.1000 | 1.570.825.0888 | www.mrspc.com

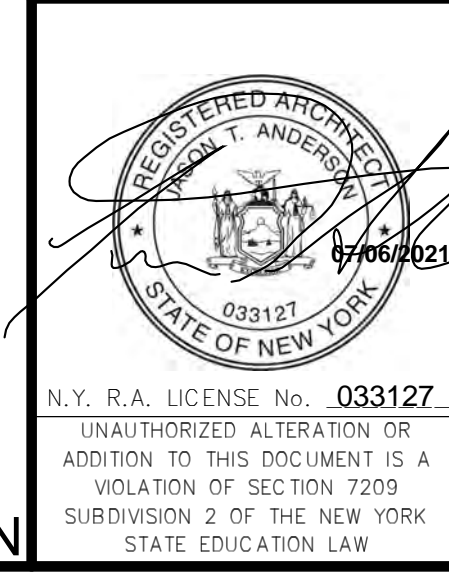
**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING  
INTERIORS

**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN  
MATERIALS RECOVERY FACILITY,  
FACILITY IMPROVEMENTS  
420 TOWN VALLEY ROAD, HILLBURN, NY 10931

**MEN'S LOCKER ROOM #107, COFFEE  
KITCHENETTE #204 PLAN & INT. ELEVS**

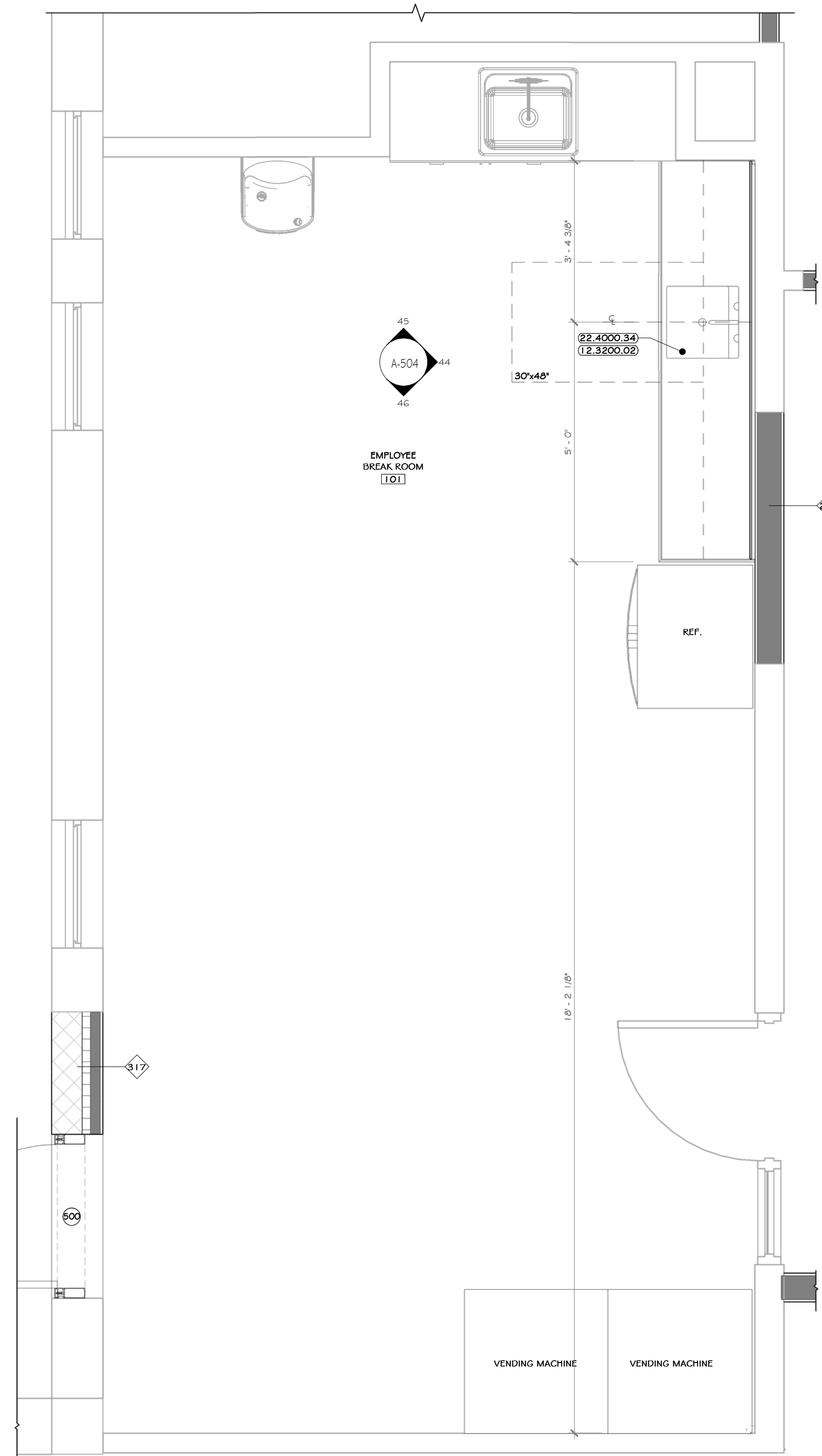
REV	DESCRIPTION	DATE	BY	DATE
1	ISSUED FOR RFP	07-06-21	IT	07-06-21
2	REVISED FOR RFP ADDENDUM 6	07-21-21	IT	07-21-21



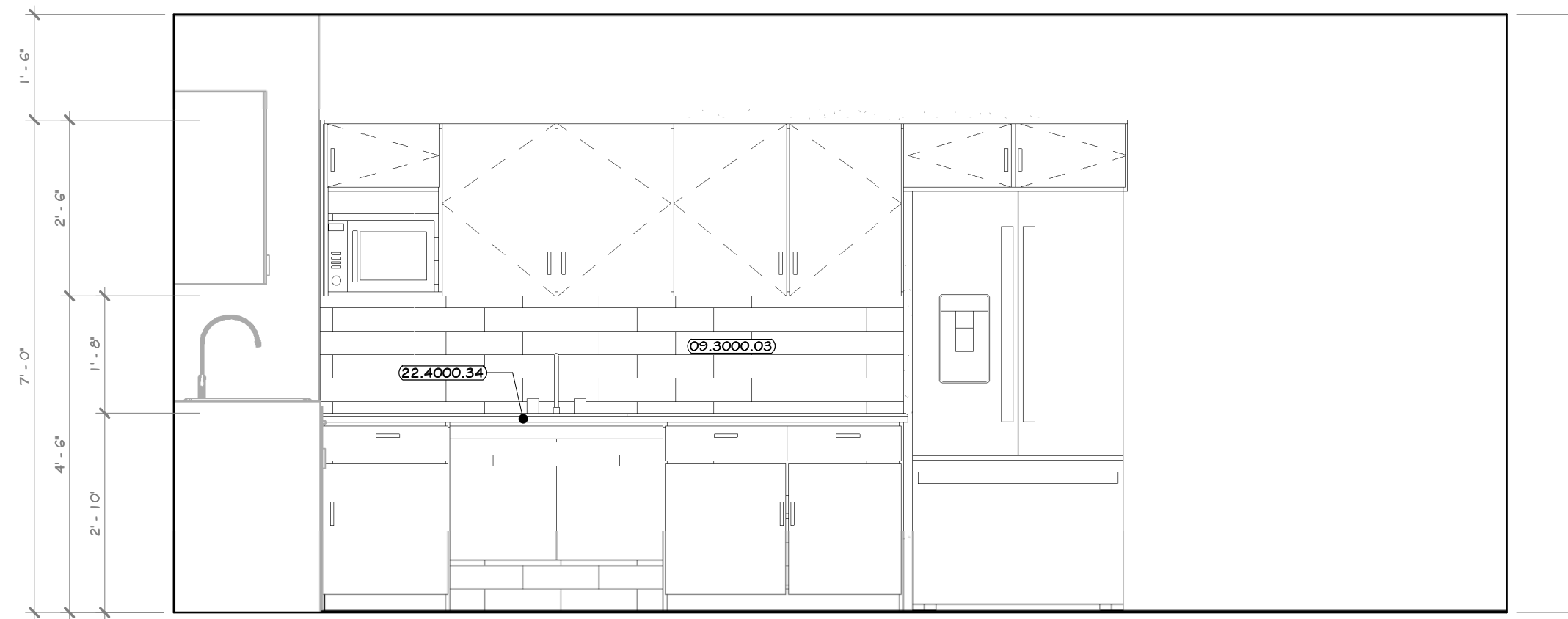
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**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Melville, NY 11747  
ph: 631-756-1060  
fax: 631-756-1064

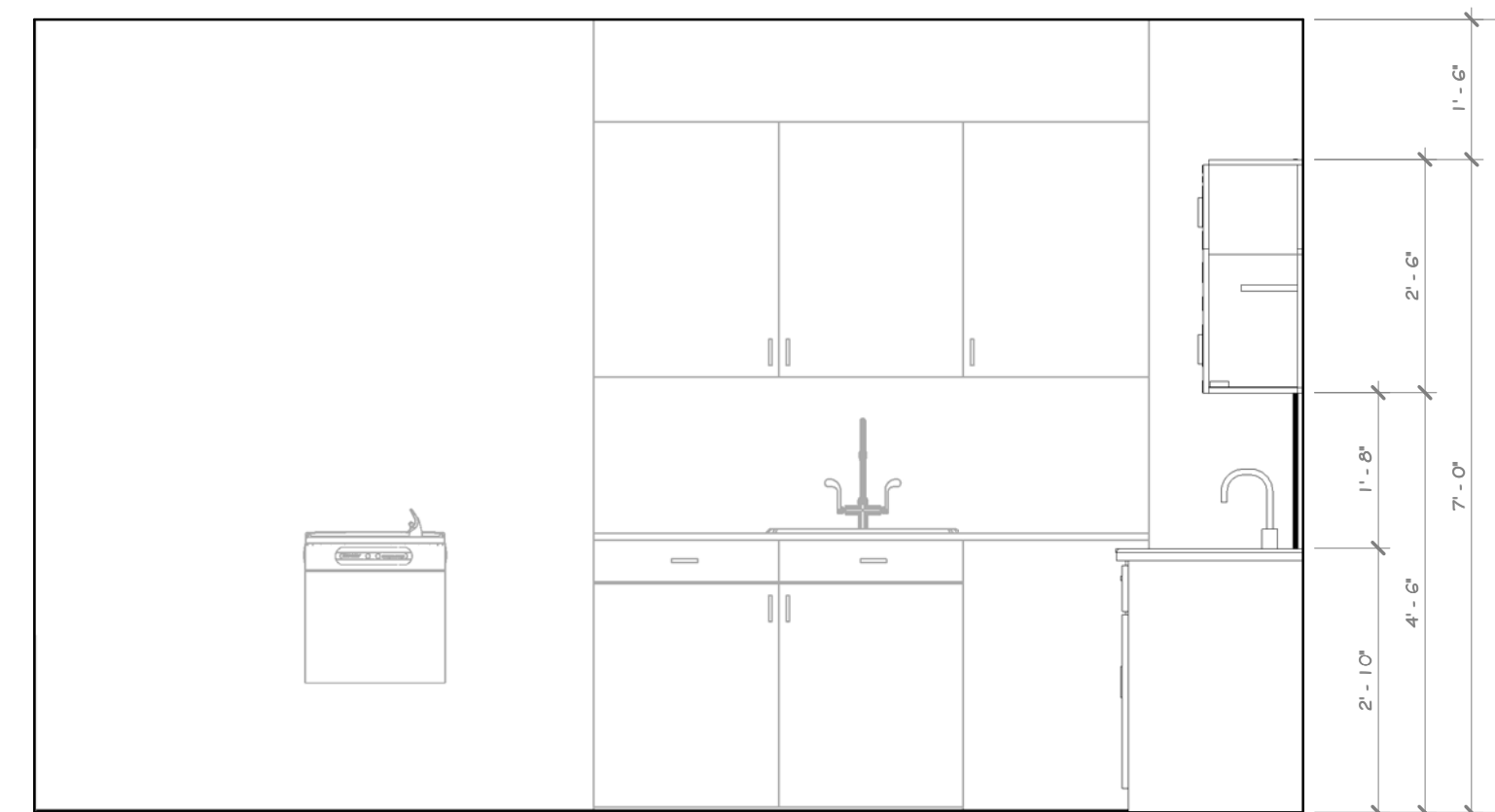
NOT FOR CONSTRUCTION



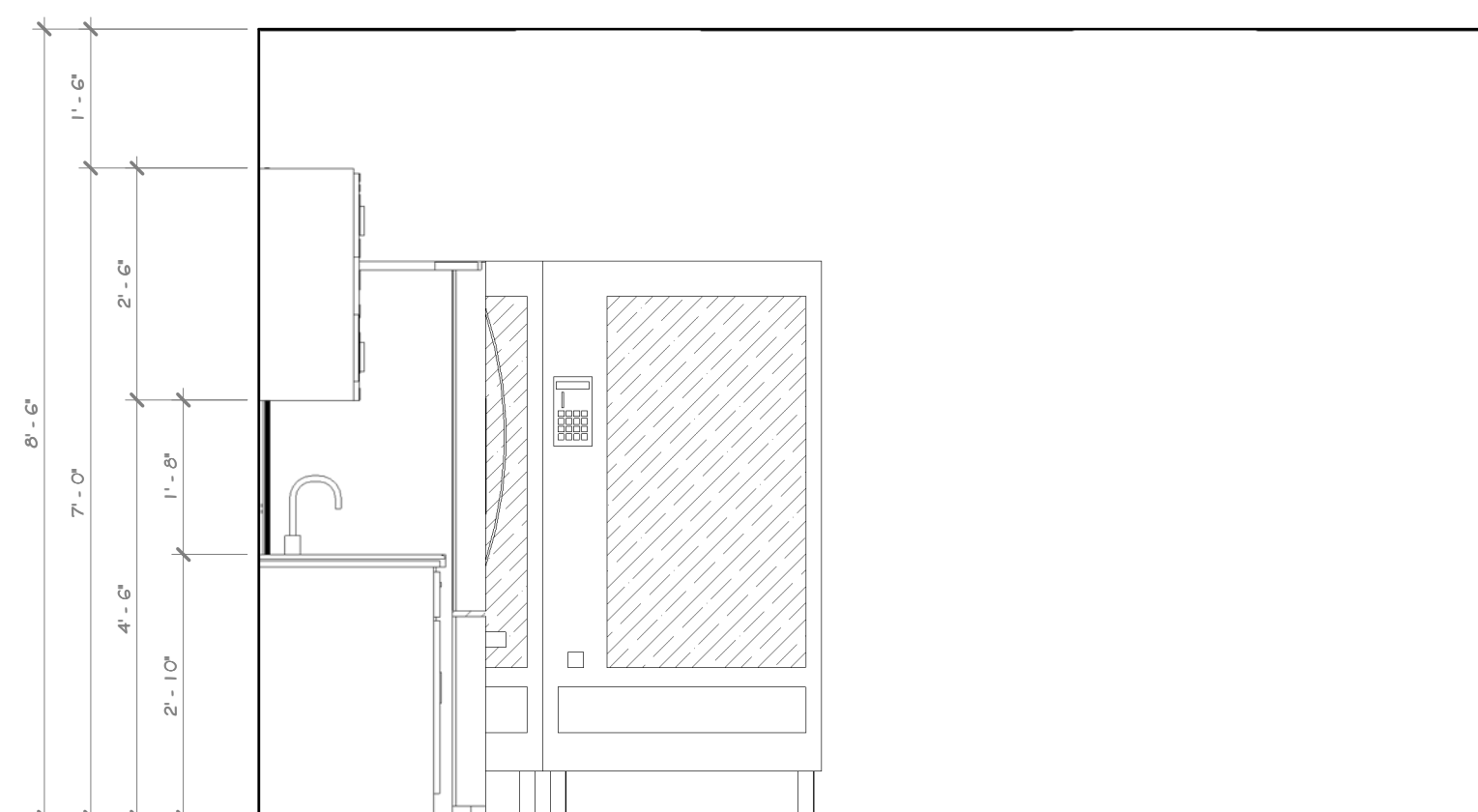
43 ENLARGED EMPLOYEE BREAKROOM  
1/2" = 1'-0"



44 ELEVATION 44  
1/2" = 1'-0" 43 A-504



45 ELEVATION 45  
1/2" = 1'-0" 43 A-504



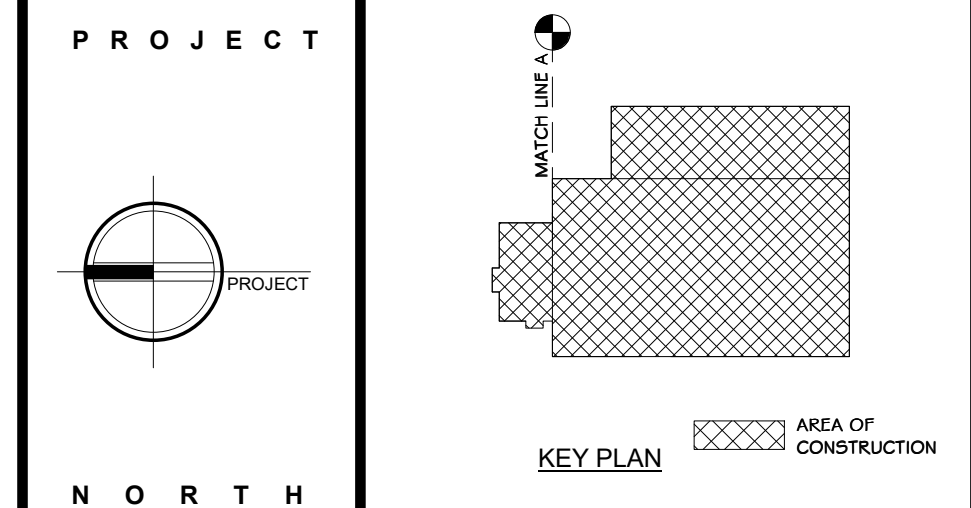
46 ELEVATION 46  
1/2" = 1'-0" 43 A-504

CONSTRUCTION NOTES

- NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING.
- BREAKROOM SINK TO HAVE AN ACCESSIBLE SIDE APPROACH.
  - FOR SINKS WITH FRONT APPROACH ACCESSIBILITY, A REMOVABLE ACCESSIBLE SLOPED MILLWORK PANEL IS TO BE INSTALLED BELOW SINKS WHEN SINK IS INTEGRATED INTO MILLWORK.
  - APPLIANCES SUCH AS REFRIGERATORS, VENDING MACHINES, DISHWASHERS, ETC. TO BE PURCHASED BY OWNER, INSTALLED BY GC. GC TO COORDINATE INSTALLATION DETAILS PRIOR TO SUBMITTING MILLWORK SHOP DRAWINGS.

KEY NOTES

- 09.3000.03 GLAZED WALL TILE, 4" X 1 3/8"
- 12.3200.02 WOOD LAMINATE KITCHENETTE CASEWORK
- 22.4000.34 KITCHEN SINK, SINGLE BASIN, UNDERMOUNT, ADA ELKAY 16 1/2" X 20 1/2" X 4 3/8" S.S.



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Sterling Environmental Engineering, P.C.

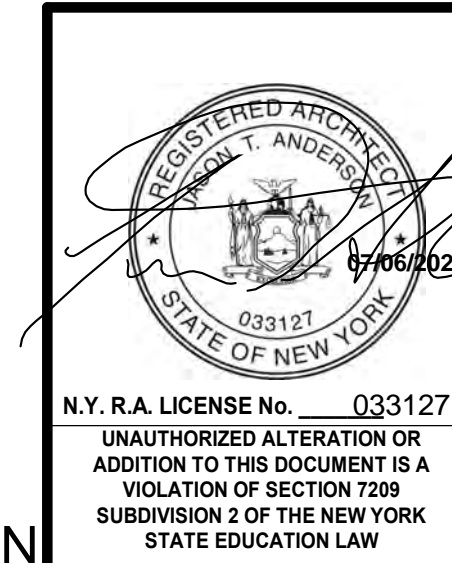
**martinrogers**  
ENGINEERING CONSULTANT  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18703  
1-570-826-1000 | 1-570-825-0888 | www.mrspc.com

**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING  
INTERIORS

**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS 420 TORNE VALLEY ROAD, HILLBURN, NY 10931	
EMPLOYEE BREAK ROOM #101 PLAN & INT. ELEVATIONS	
BY	DATE
IDEA	07/06/21
CHECKED	ADG
DESIGNED	ADG
APPROVED	
APPROVED	

PROJECT NO.	499-010
SCALE	AS SHOWN
DWG NO.	A-504
CAD FILE	
SHEET SIZE	D-24x36



REV	DESCRIPTION	DATE	BY	CHK
B	REVISED FOR RFP ADDENDUM 6	07-21-21		
A	ISSUED FOR BID	07-06-21		

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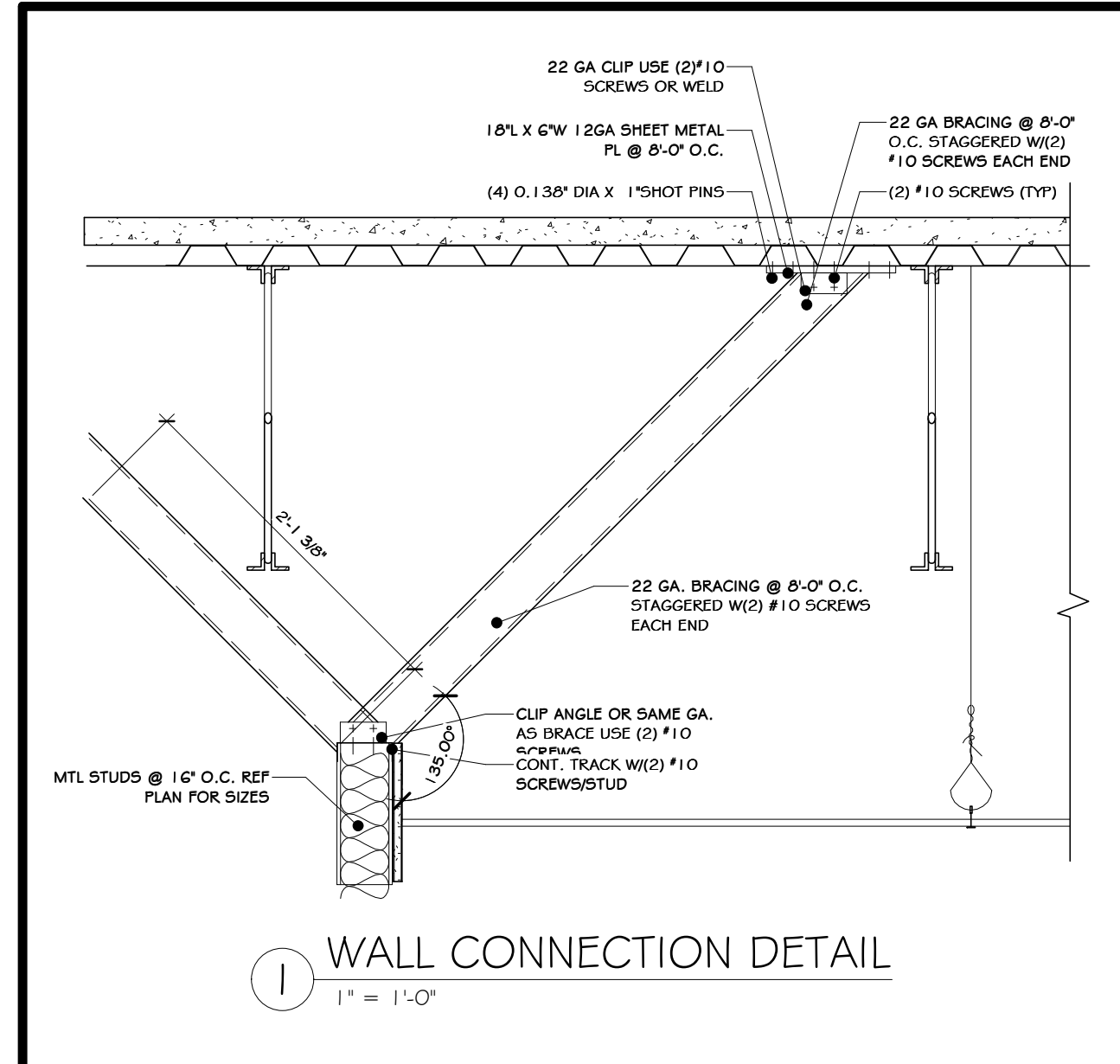
**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Melville, N.Y. 11747  
ph: 631-756-1060  
fax: 631-756-1064

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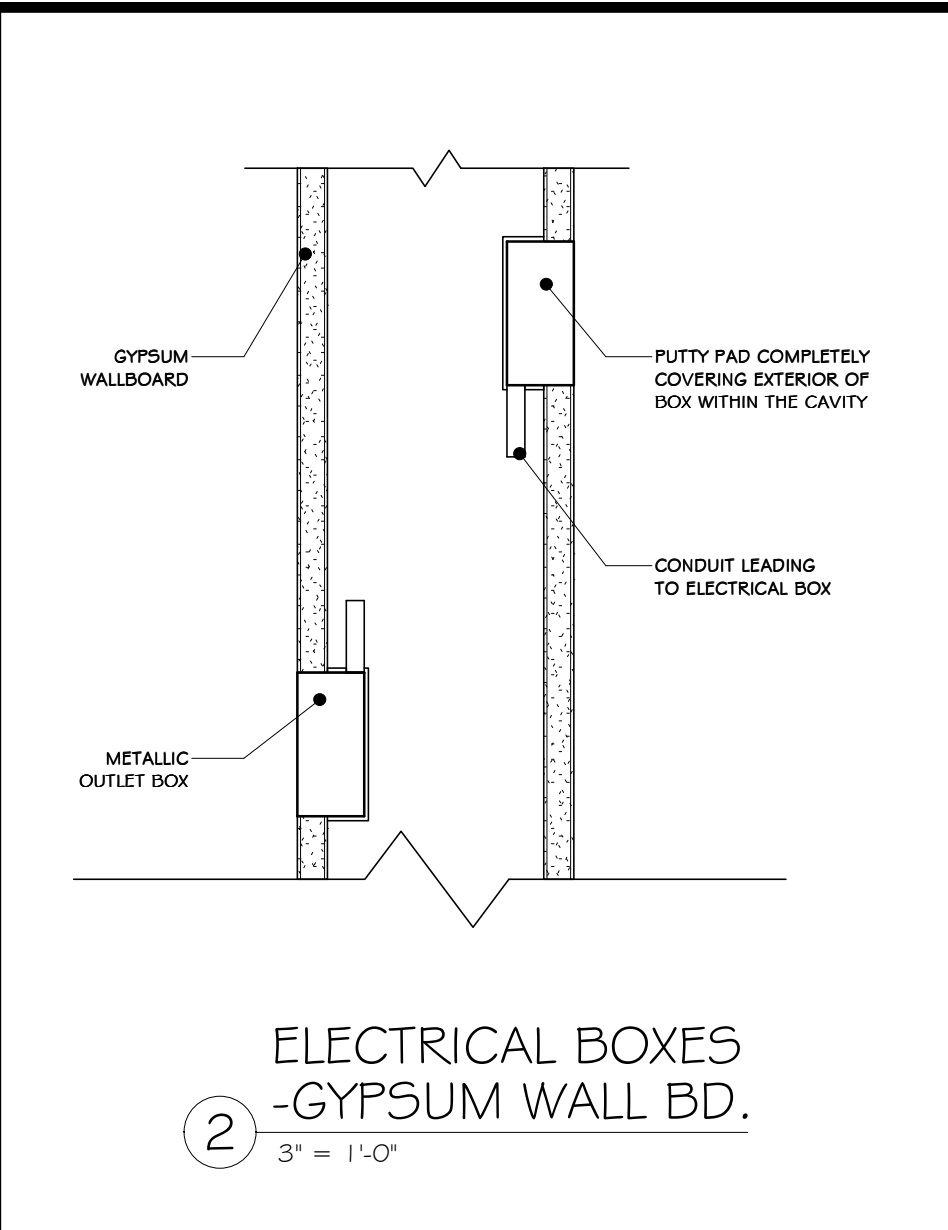




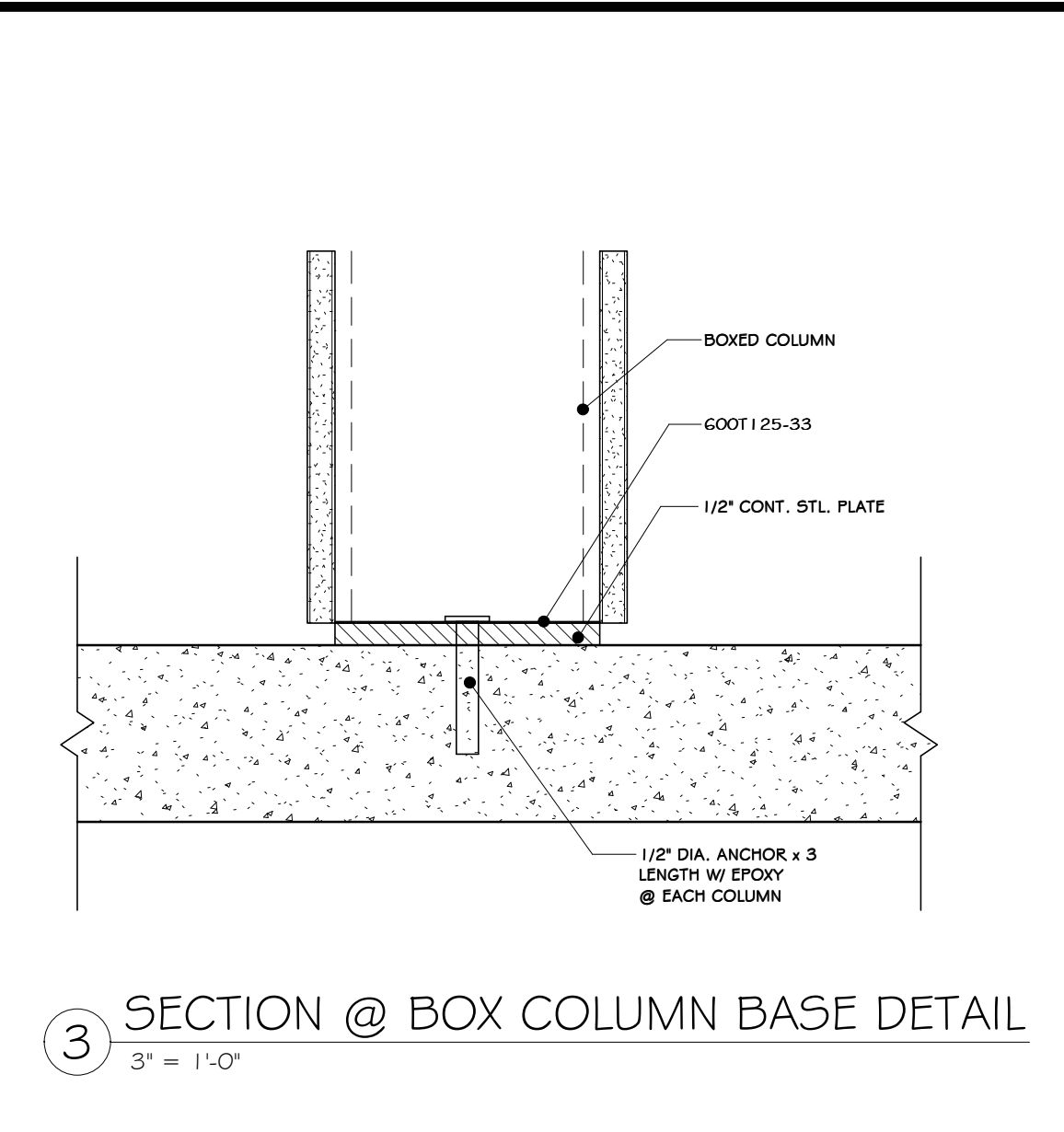




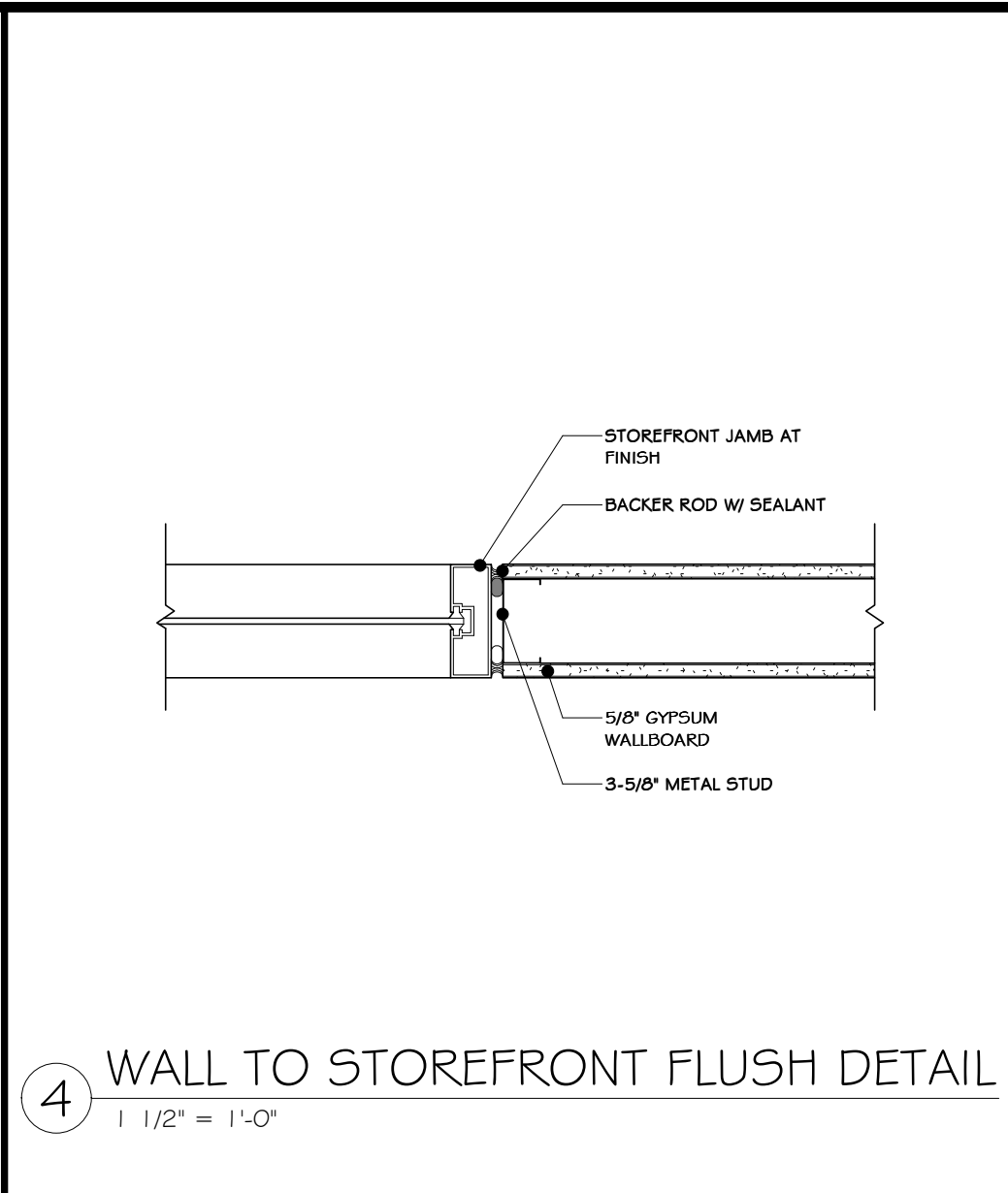
1 WALL CONNECTION DETAIL  
1" = 1'-0"



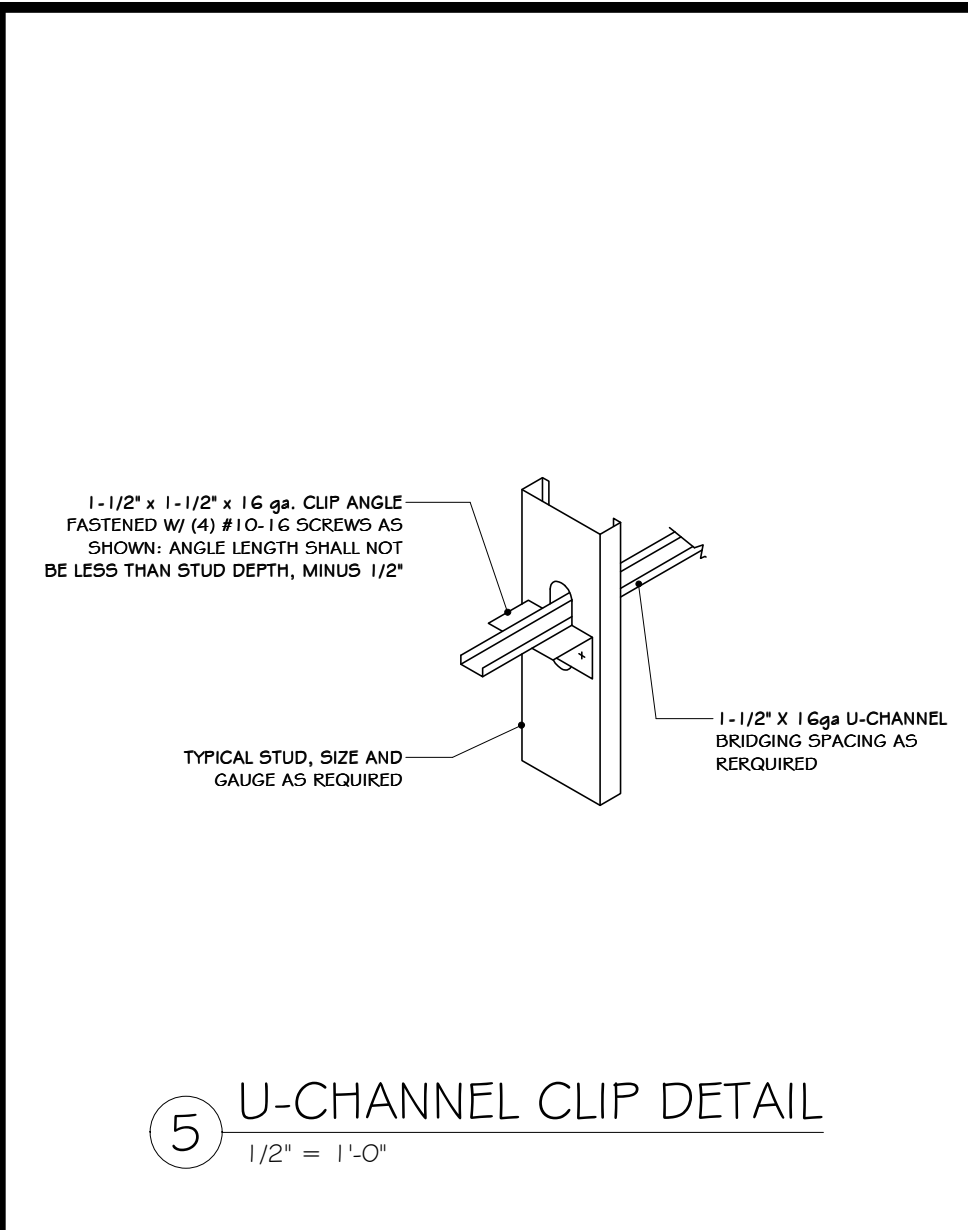
2 ELECTRICAL BOXES - GYPSUM WALL BD.  
3" = 1'-0"



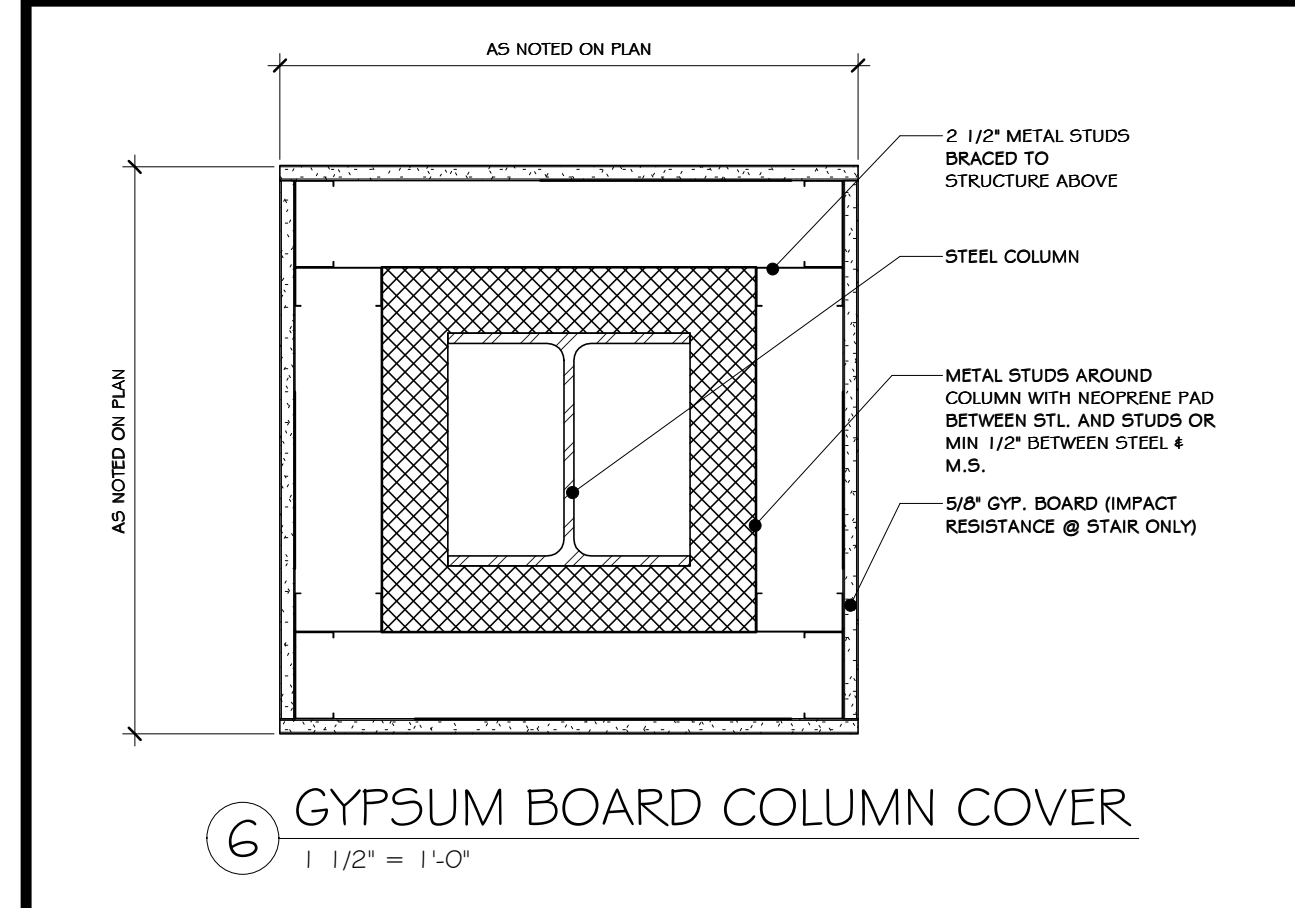
3 SECTION @ BOX COLUMN BASE DETAIL  
3" = 1'-0"



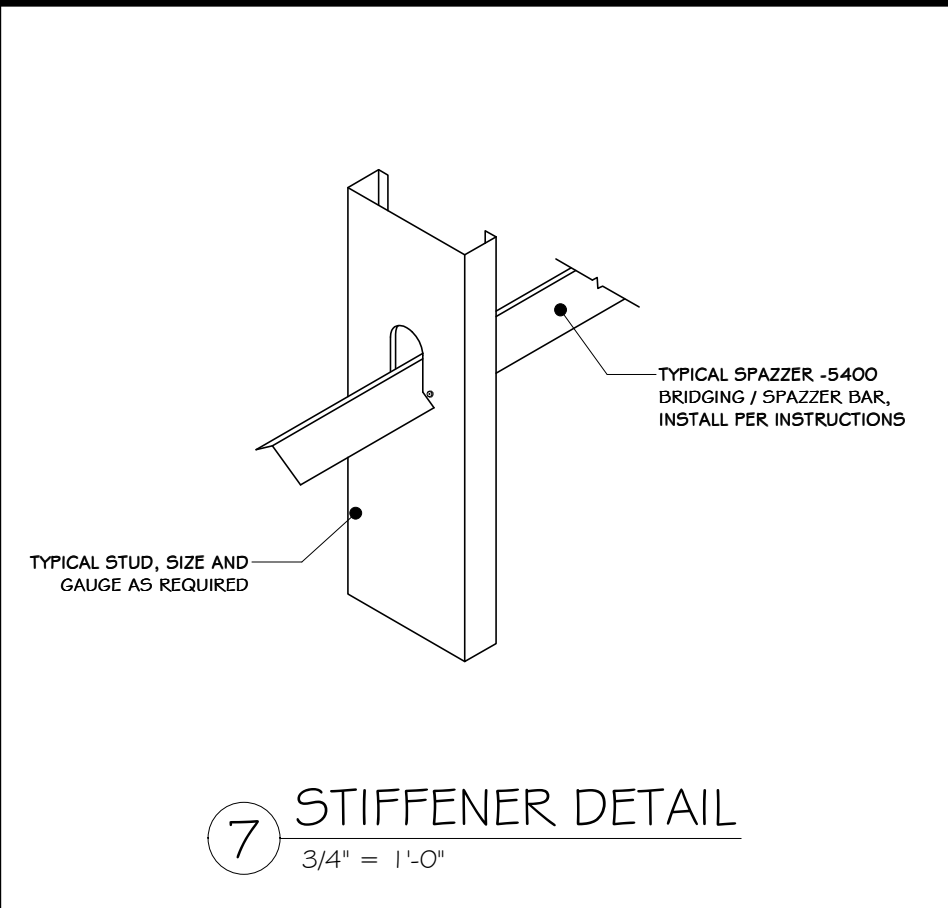
4 WALL TO STOREFRONT FLUSH DETAIL  
1 1/2" = 1'-0"



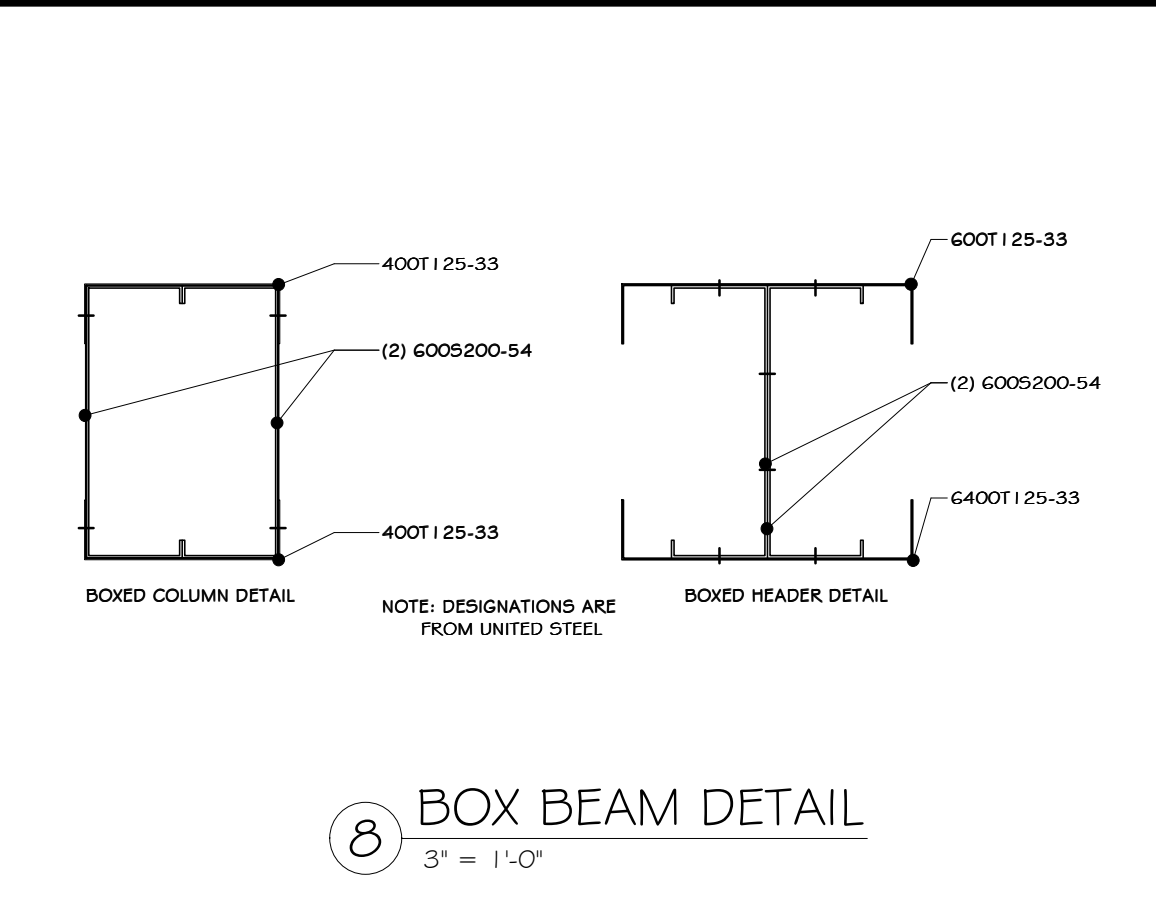
5 U-CHANNEL CLIP DETAIL  
1/2" = 1'-0"



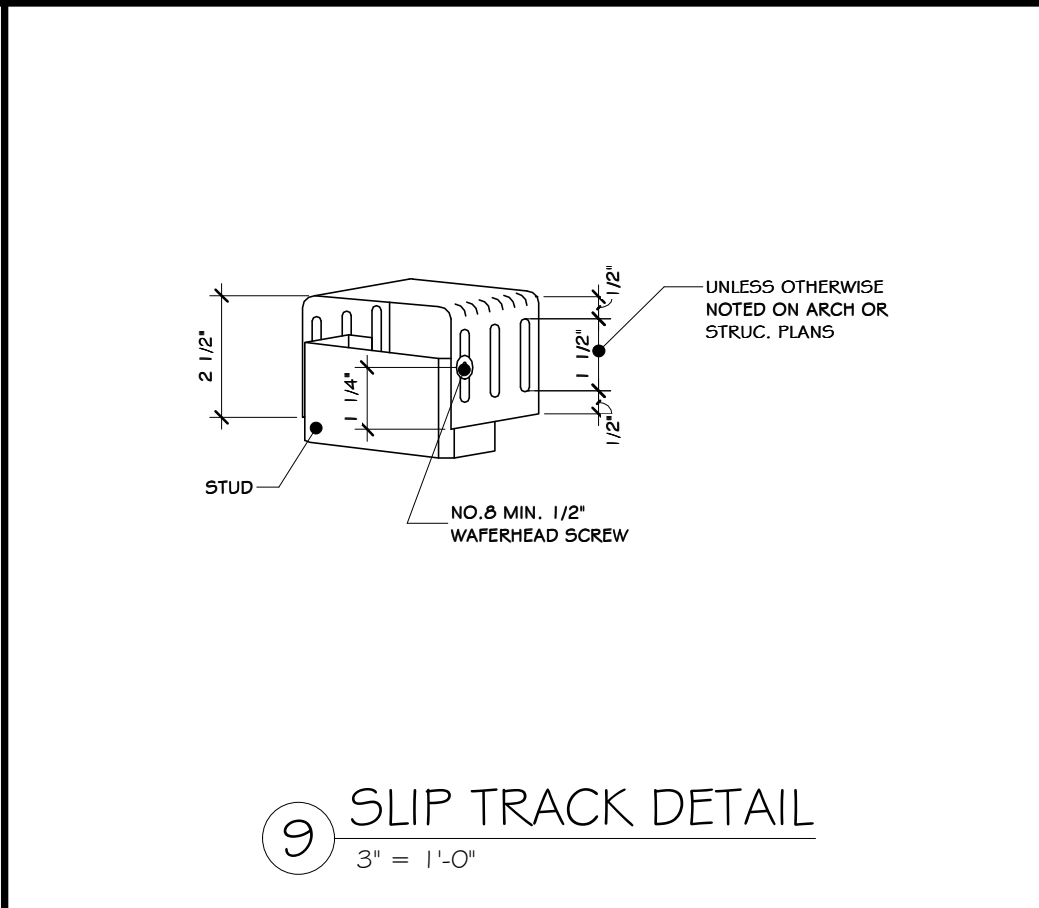
6 GYPSUM BOARD COLUMN COVER  
1 1/2" = 1'-0"



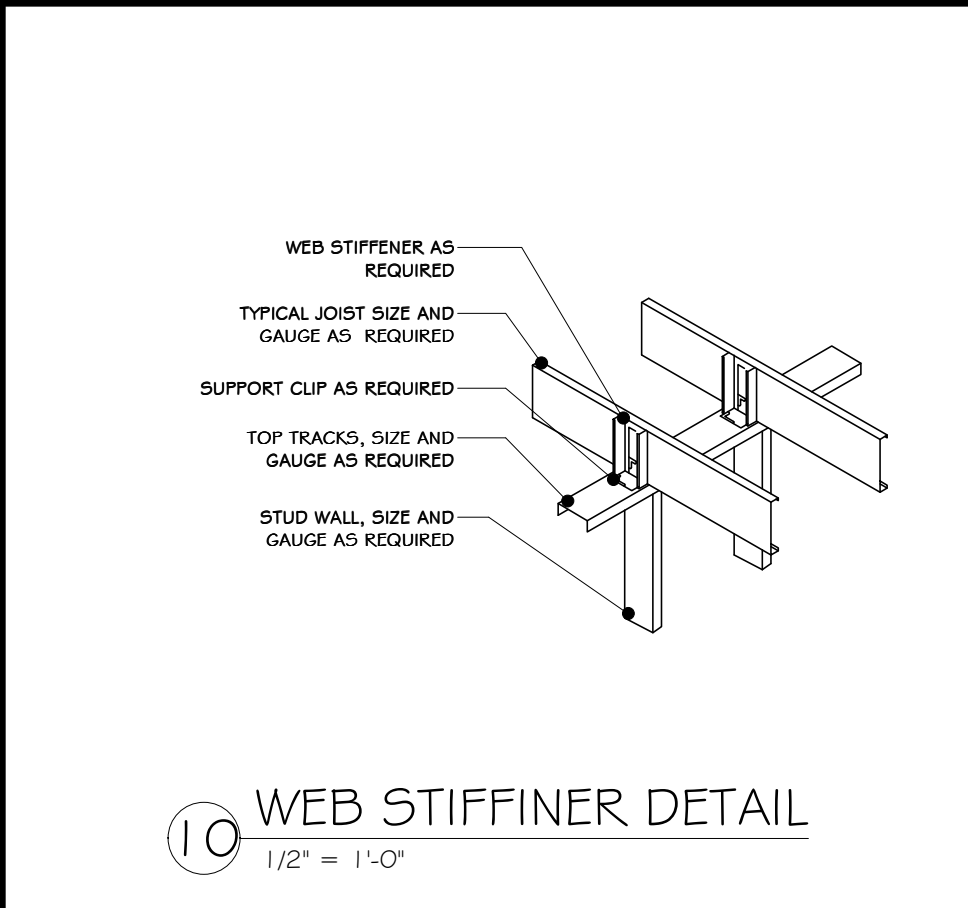
7 STIFFENER DETAIL  
3/4" = 1'-0"



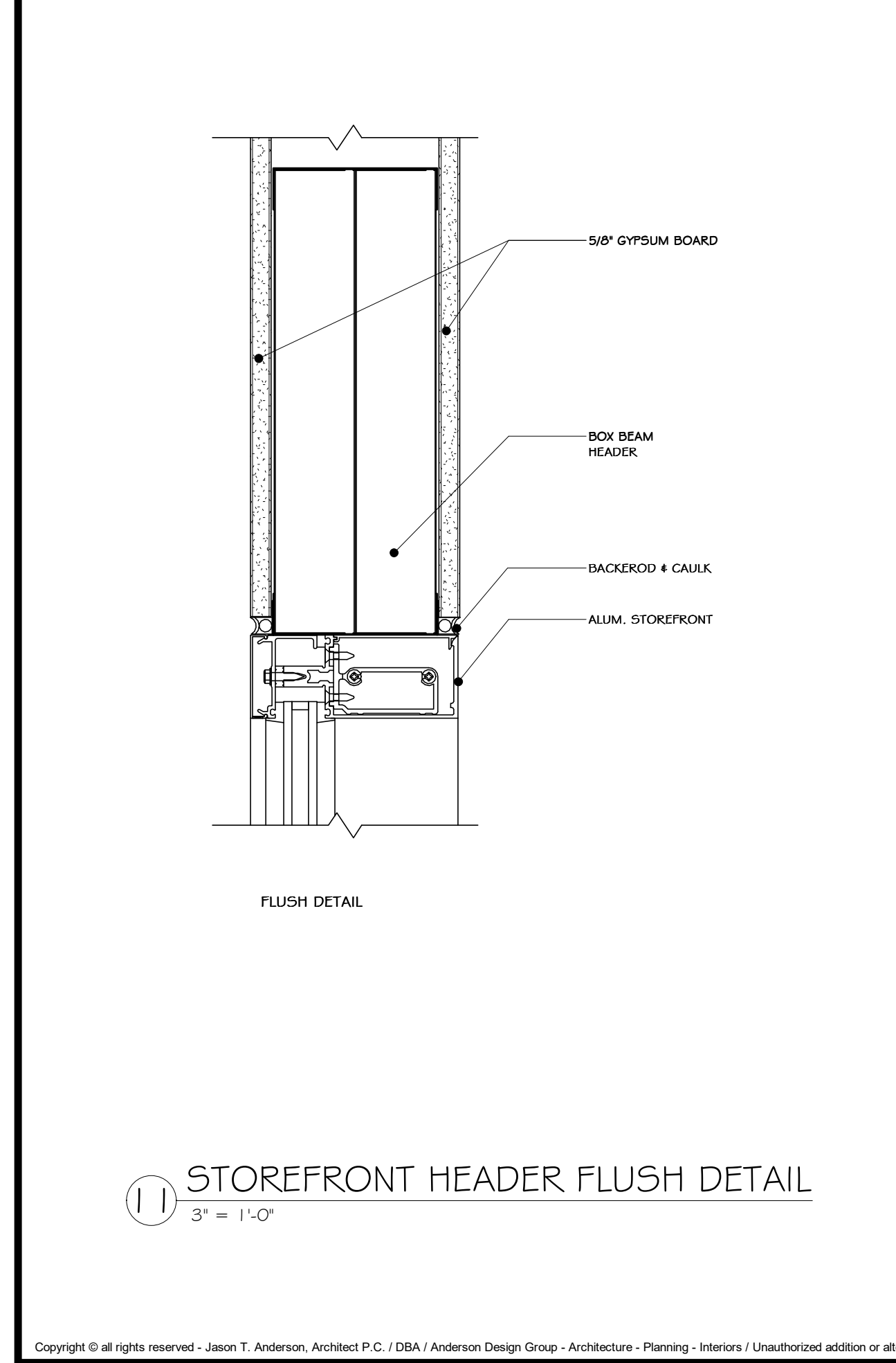
8 BOX BEAM DETAIL  
3" = 1'-0"



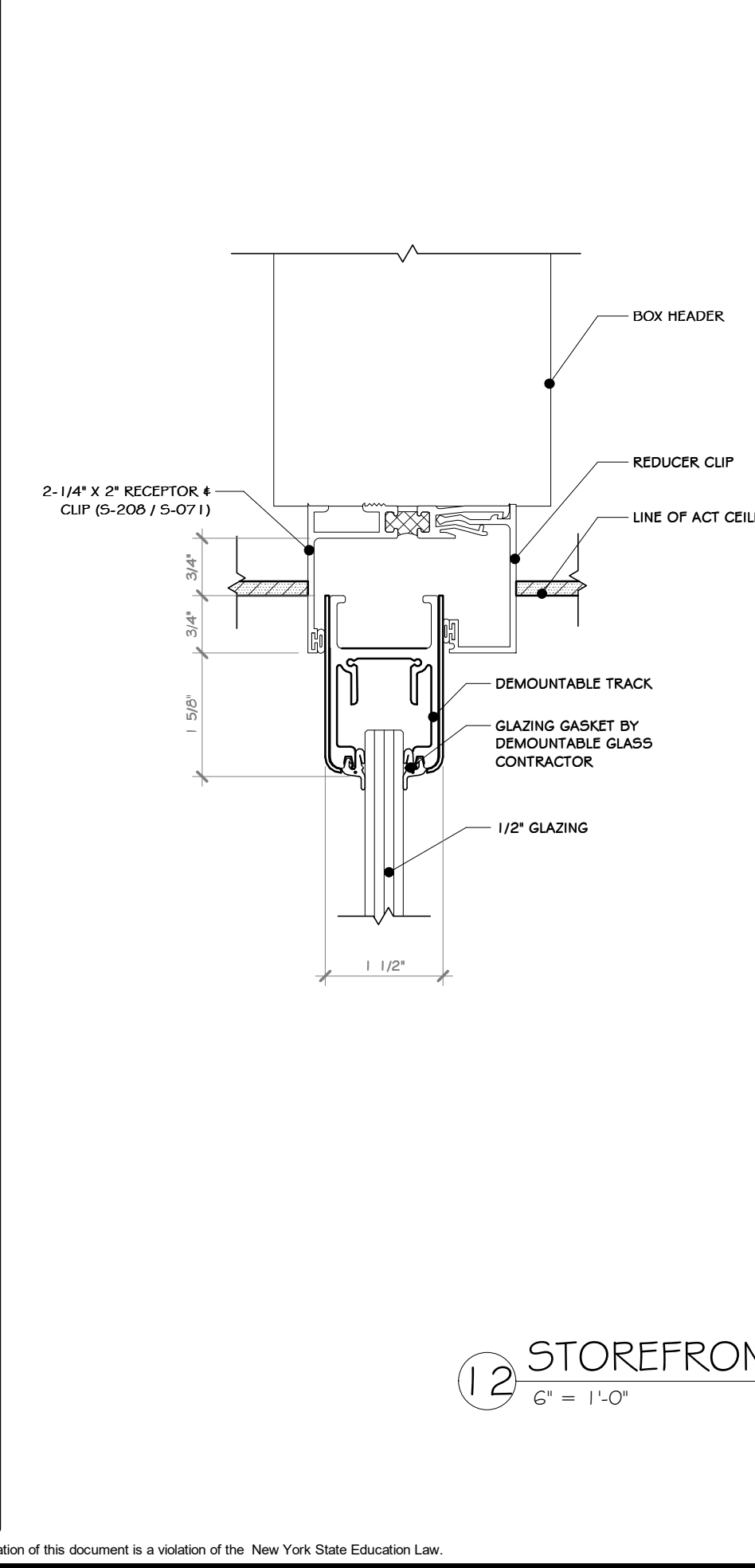
9 SLIP TRACK DETAIL  
3" = 1'-0"



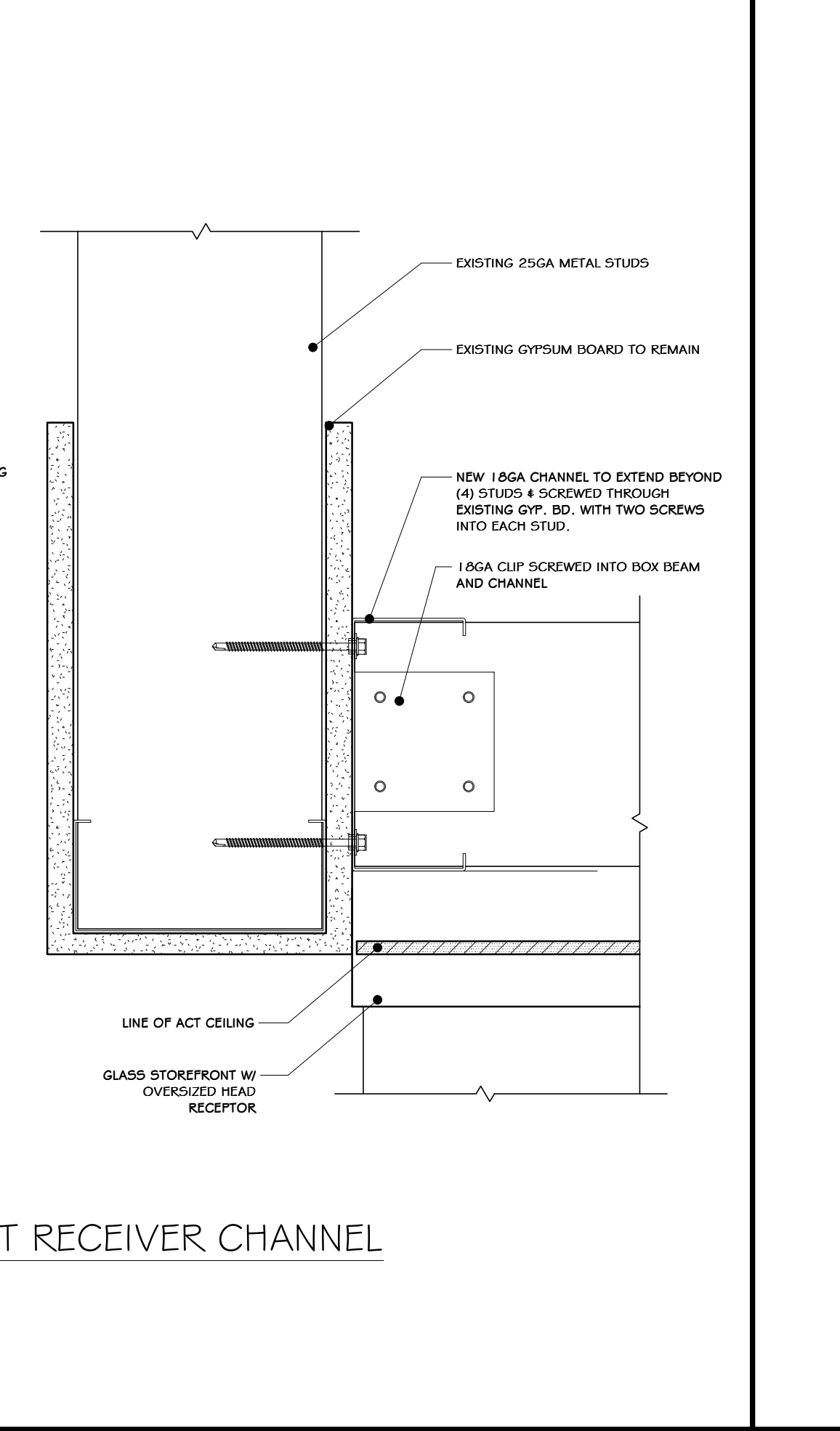
10 WEB STIFFENER DETAIL  
1/2" = 1'-0"



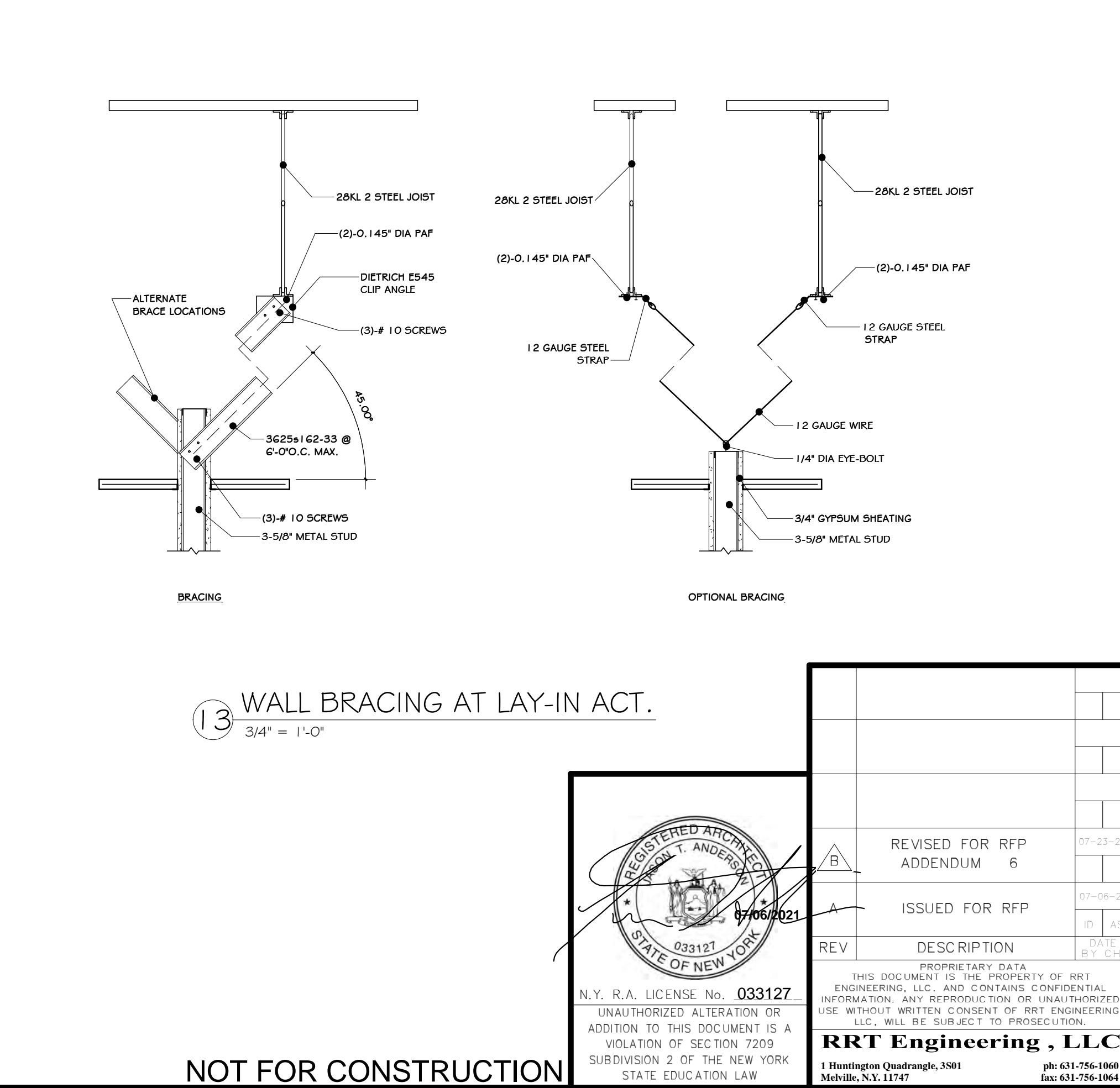
11 STOREFRONT HEADER FLUSH DETAIL  
3" = 1'-0"



12 STOREFRONT RECEIVER CHANNEL  
6" = 1'-0"



13 WALL BRACING AT LAY-IN ACT.  
3/4" = 1'-0"



NOT FOR CONSTRUCTION

**STERLING**  
Sterling Environmental Engineering, P.C.

**martin rogers**  
ENGINEERING CONSULTANTS  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
1-570-825-1000 | 1-570-825-0888 | www.mrspc.com

**ANDERSON DESIGN GROUP** ARCHITECTURE PLANNING INTERIORS

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**Rockland Green**

ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

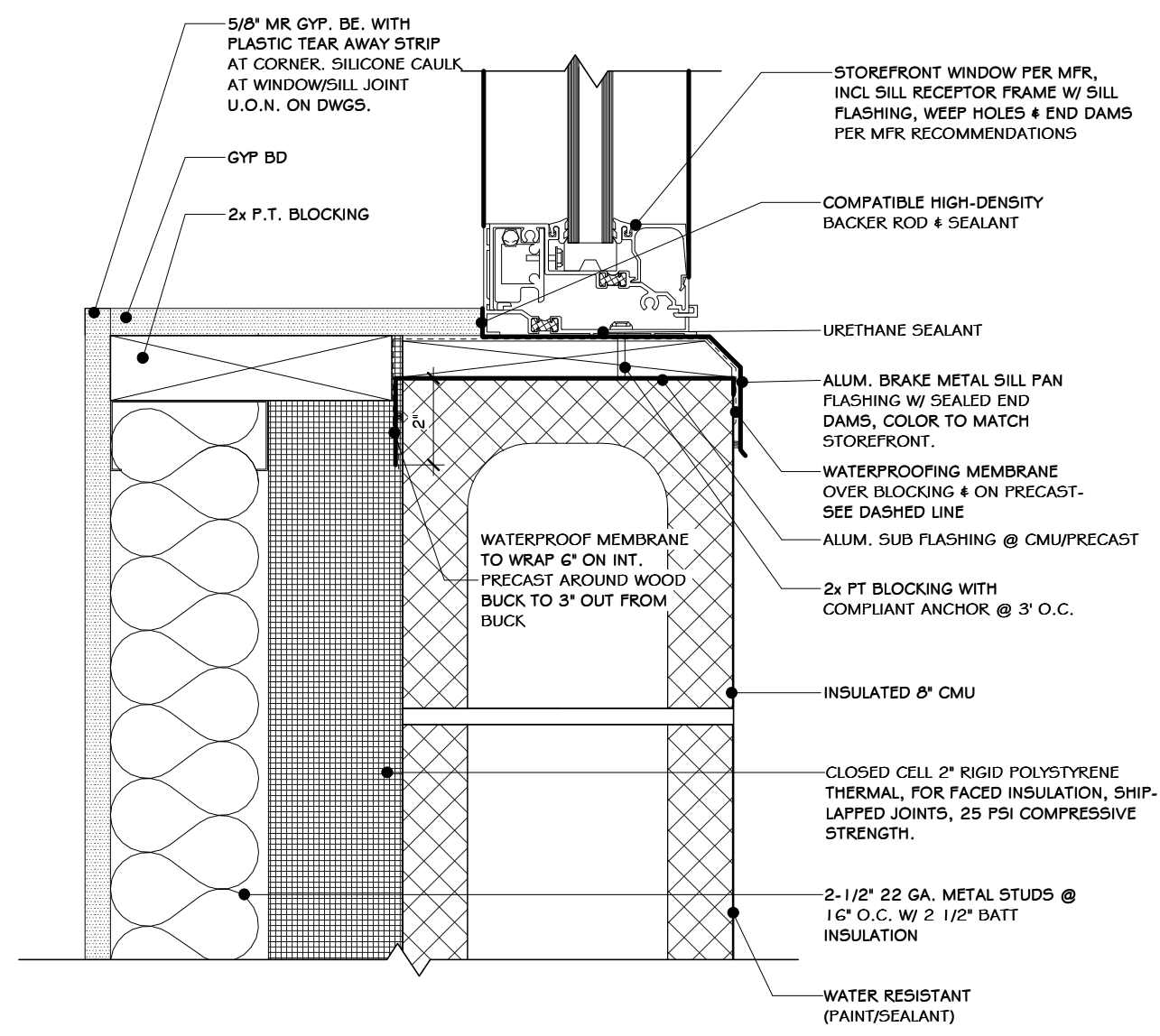
METAL FRAMING DETAILS			
BY	DATE	PROJ. No: 499-010	SCALE: AS SHOWN
DRAWN	IDEA	07/06/21	
CHECKED	ADG	07/06/21	DWG. NO: A-602
DESIGNED	ADG	07/06/21	CAD FILE:
APPROVED	ADG	07/06/21	SHEET SIZE: D-24x36
APPROVED			REV

REGISTERED ARCHITECT  
MICHAEL T. ANDERSON  
STATE OF NEW YORK  
033127  
07/06/2021  
N.Y. R.A. LICENSE No. 033127

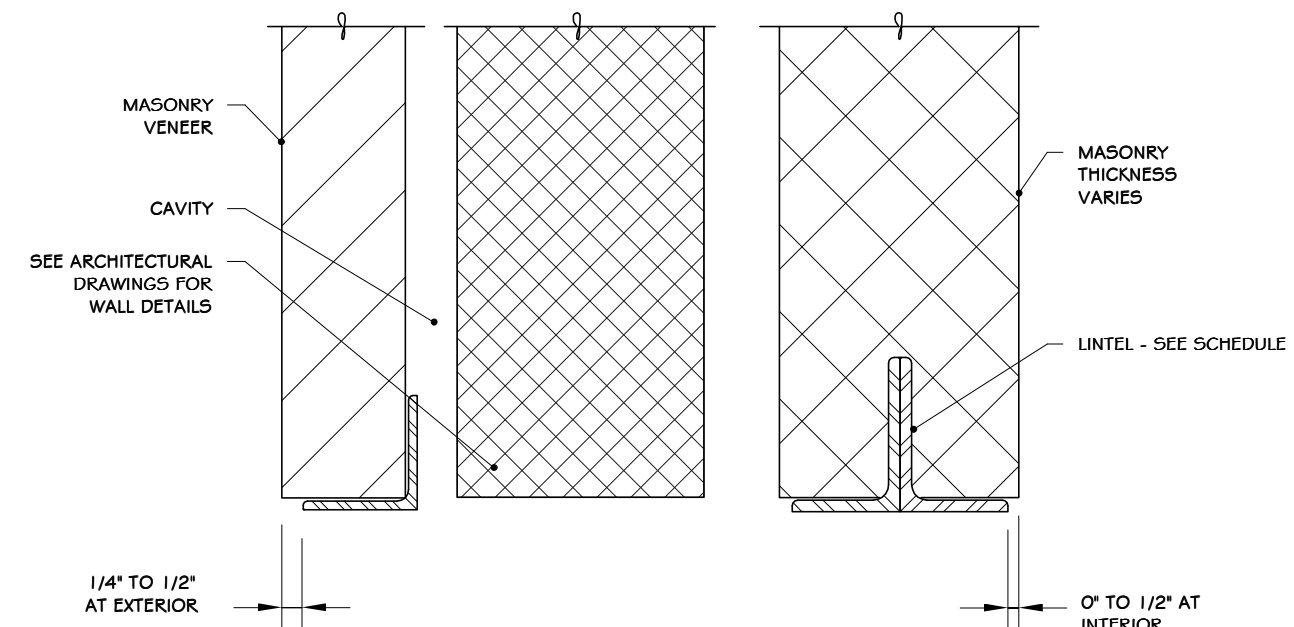
REV	DESCRIPTION	DATE	BY
B	REVISED FOR RFP ADDENDUM 6	07-25-21	
A	ISSUED FOR RFP	07-06-21	

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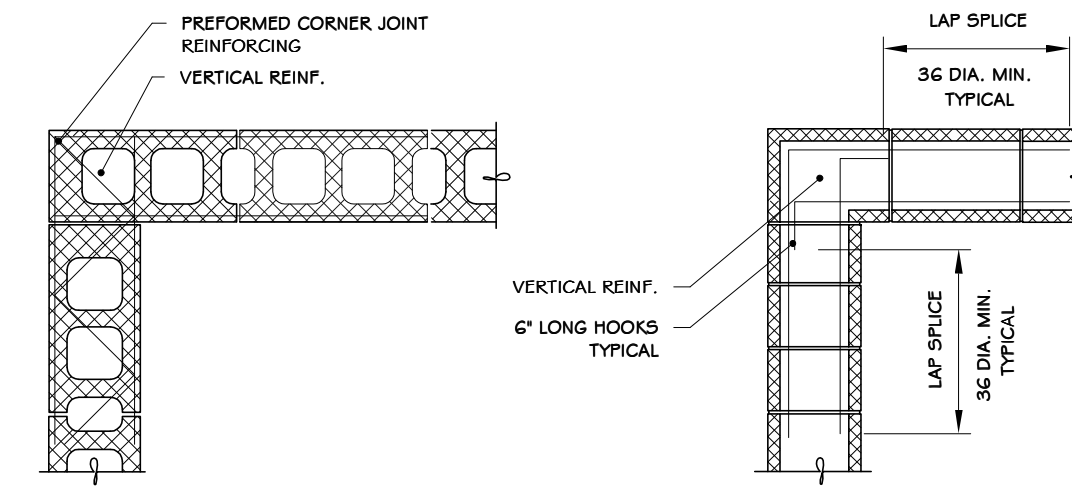
**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Melville, N.Y. 11747  
ph: 631-756-1000  
fax: 631-756-1064



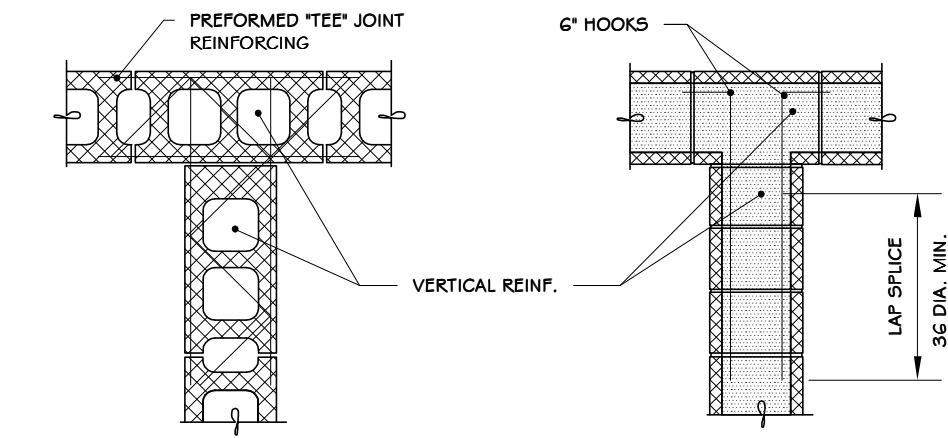
1 CMU SILL DETAIL  
3' = 1'-0"



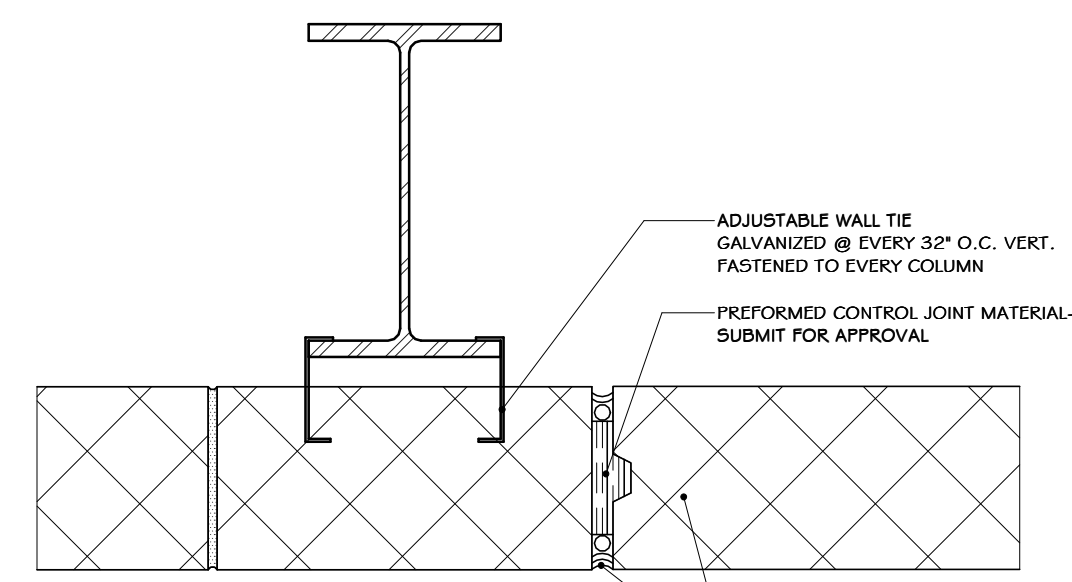
2 DETAIL - MASONRY OPENING HEAD & SILL  
3/4" = 1'-0"



3 DETAIL - MASONRY CORNER REINFORCING  
3/4" = 1'-0"



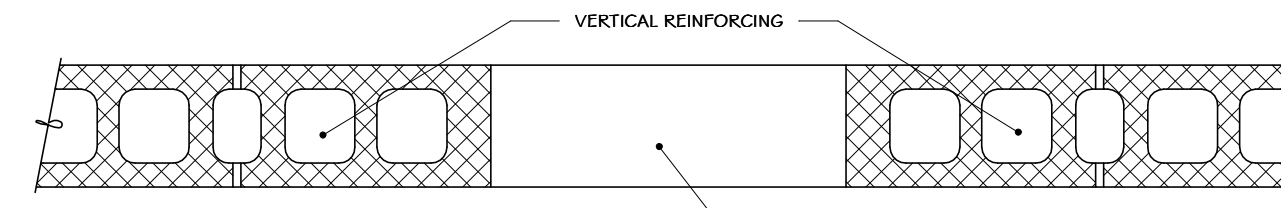
4 DETAIL - MASONRY INTERSECTION  
3/4" = 1'-0"



NOTES FOR ALL BEARING WALLS:  
LOCATIONS OF CONTROL JOINTS ARE TO BE A MINIMUM OF 24" FROM THE CENTER LINES OF ANY BEAMS OF JOISTS BEARING ON THE WALLS. ALL CONTROL JOINTS IN FOUNDATION WALLS TO ALIGN WITH CONTROL JOINT IN MASONRY WALLS

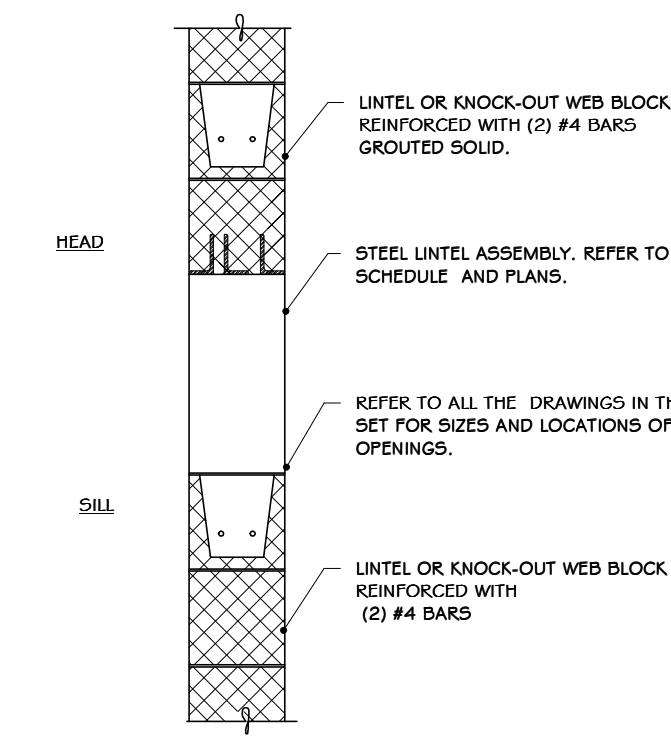
NOTES FOR ALL FIRE BEARING WALLS:  
1. USE CONTROL JOINT BLOCK UNITS  
2. CONTROL JOINT MATERIAL MUST MAINTAIN REQUIRED FIRE RATING

5 BLOCK CONTROL JOINT DETAIL, TYP.  
1 1/2" = 1'-0"



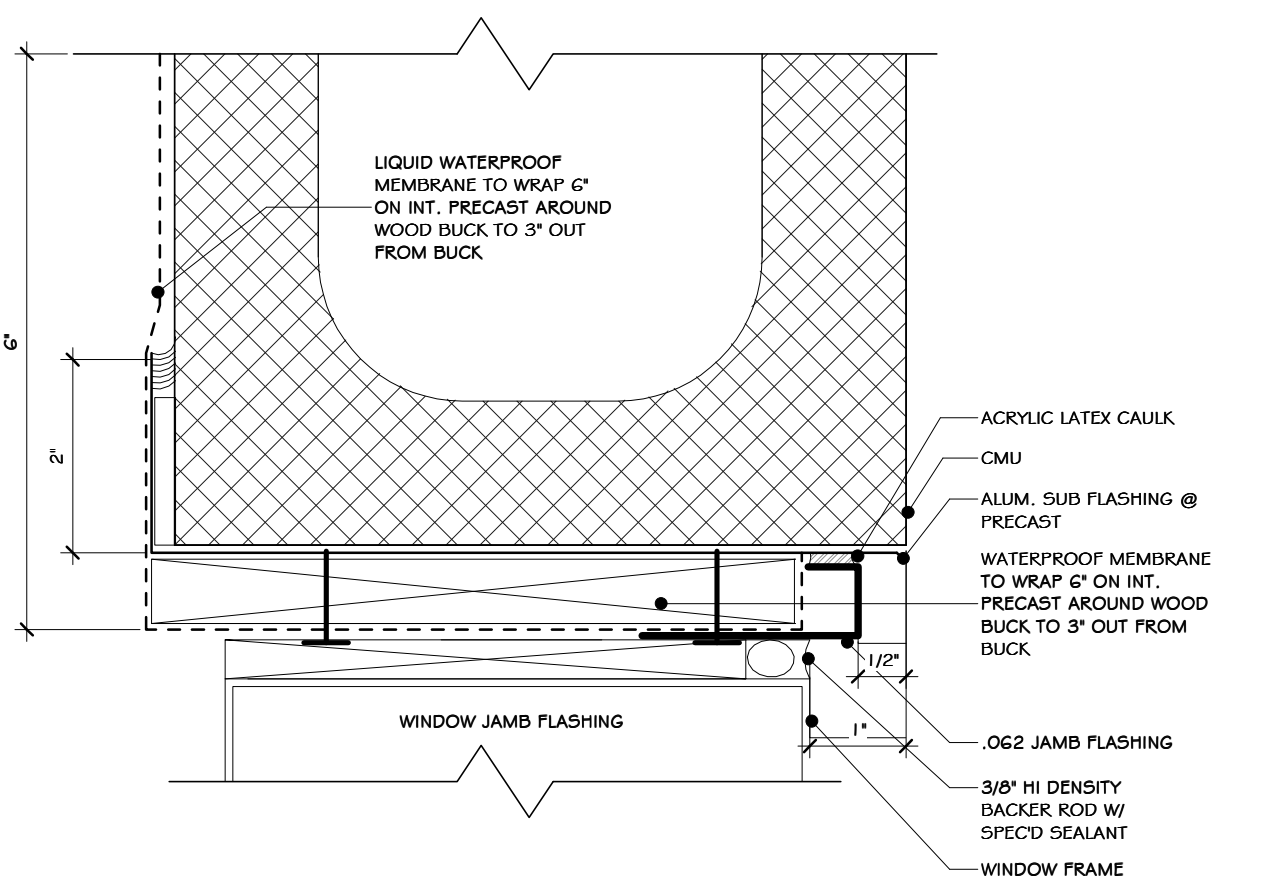
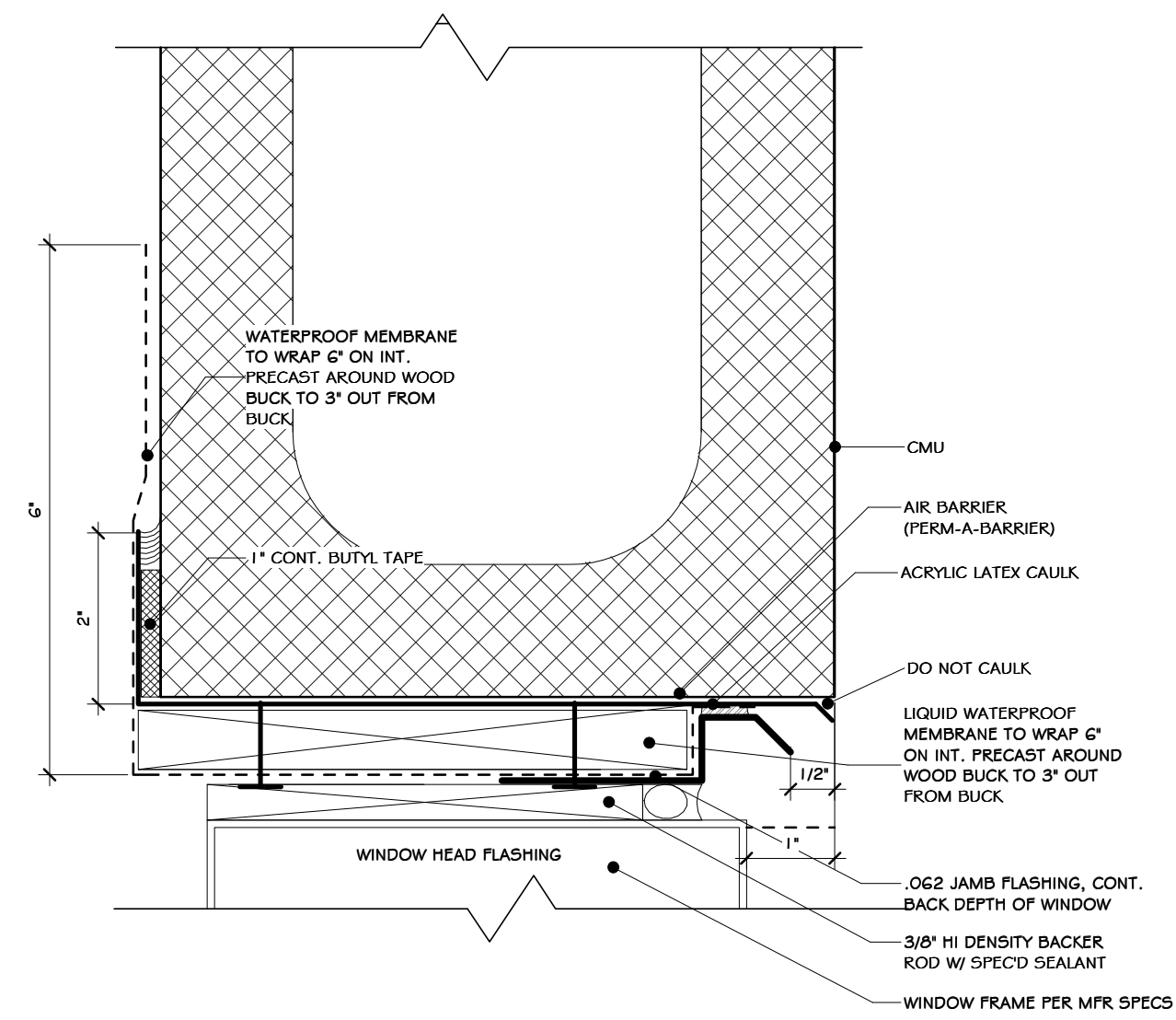
NOTES:  
1. GROUT FIRST FULL BLOCK SOLID TO UNDERSIDE OF LINTEL ABOVE.  
2. INSTALL VERTICAL REINFORCING IN END CELL AWAY FROM OPENING TO AVOID INTERRUPTION WHEN STEEL LINTELS ARE SPECIFIED.  
3. VERTICAL REINFORCING TO EXTEND CONTINUALLY THROUGH BOND BEAMS. LAP VERTICALS 48 DIAMETERS ABOVE BOND BEAMS.

6 DETAIL - MASONRY OPENING  
3/4" = 1'-0"

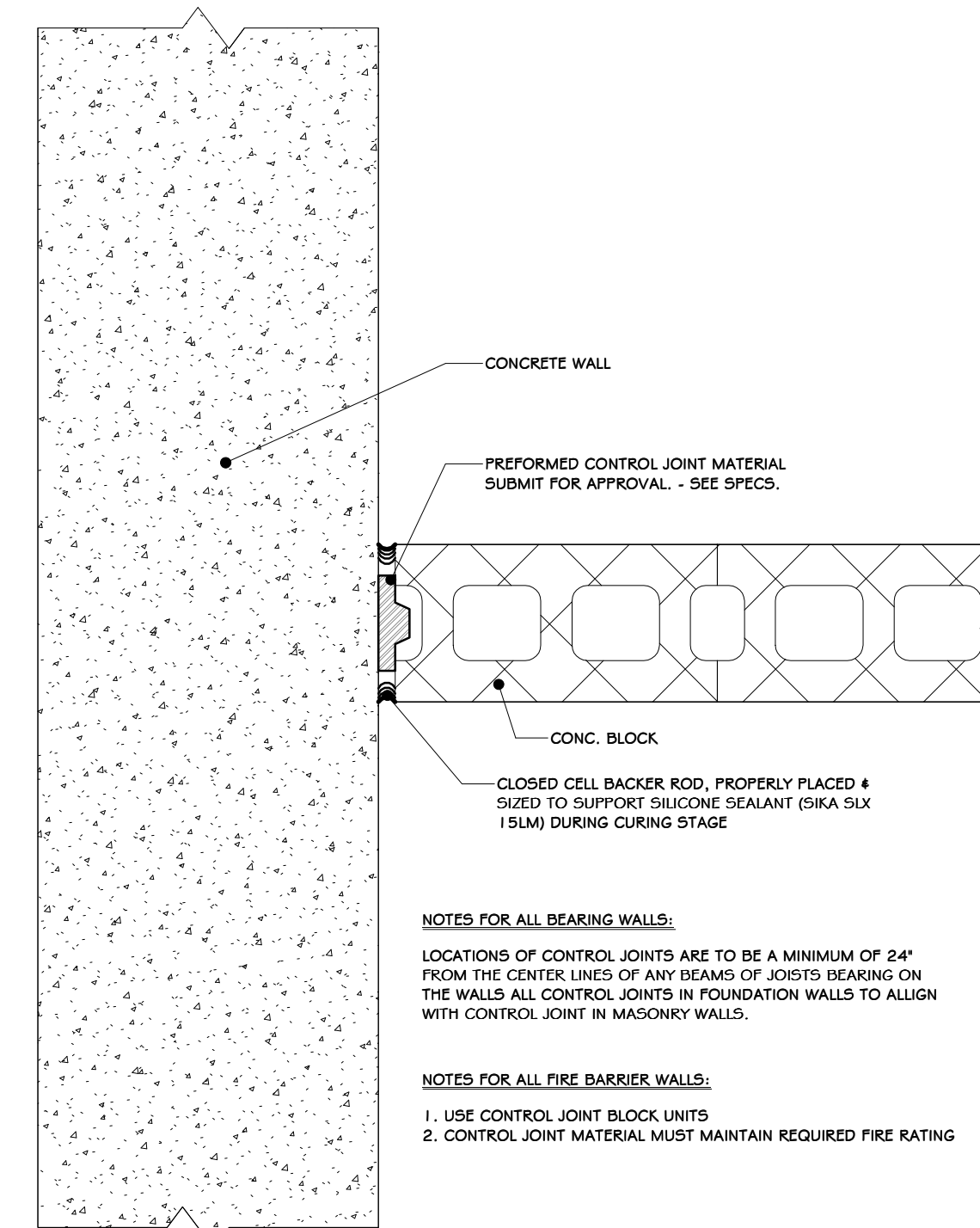


NOTE:  
TO DETERMINE PROPER LINTEL TYPE (i.e., MASONRY OR) REFER TO ARCHITECTURAL DRAWINGS FOR HEAD DETAILS AT OPENINGS

7 DETAIL - MASONRY OPENING REINF.  
3/4" = 1'-0"



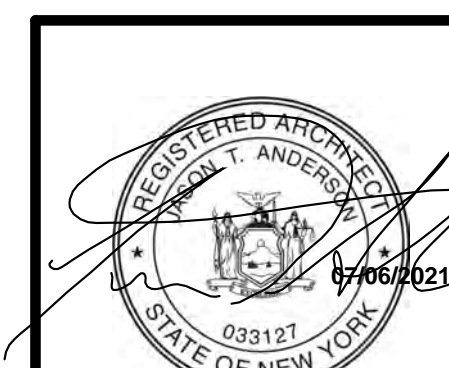
8 EXTERIOR WINDOW JAMB  
6" = 1'-0"



NOTES FOR ALL BEARING WALLS:  
LOCATIONS OF CONTROL JOINTS ARE TO BE A MINIMUM OF 24" FROM THE CENTER LINES OF ANY BEAMS OF JOISTS BEARING ON THE WALLS. ALL CONTROL JOINTS IN FOUNDATION WALLS TO ALIGN WITH CONTROL JOINT IN MASONRY WALLS.

NOTES FOR ALL FIRE BARRIER WALLS:  
1. USE CONTROL JOINT BLOCK UNITS  
2. CONTROL JOINT MATERIAL MUST MAINTAIN REQUIRED FIRE RATING

9 CONCRETE-CMU TRANSITION  
1 1/2" = 1'-0"



REVISED FOR RFP ADDENDUM 6	07-23-21
ISSUED FOR RFP	07-06-21
DESCRIPTION	BY: CLP

PROPRIETARY DATA  
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**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Melville, N.Y. 11747  
ph: 631-756-1000  
fax: 631-756-1004

**STERLING**  
Sterling Environmental Engineering, P.C.

**martin rogers**  
ENGINEERING CONSULTANTS  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
1-570-826-1000 | 1-570-825-0888 | www.mrspc.com

ANDERSON DESIGN GROUP ARCHITECTURE PLANNING INTERIORS

**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

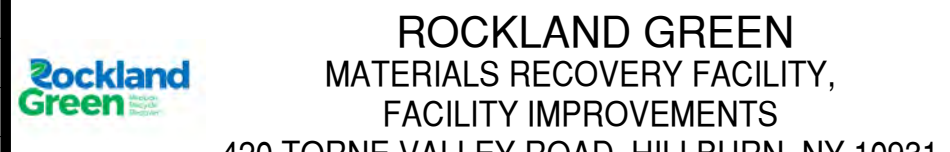
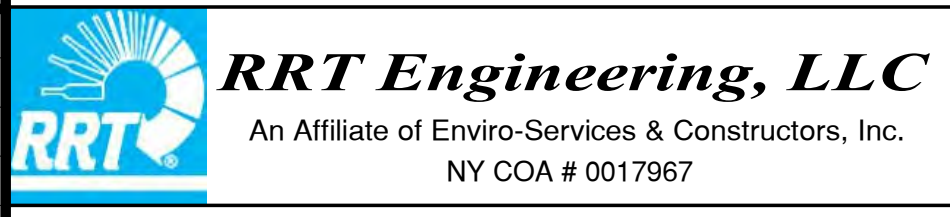
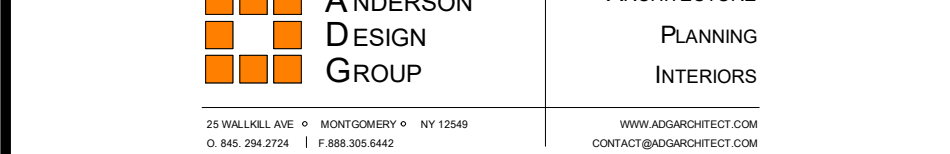
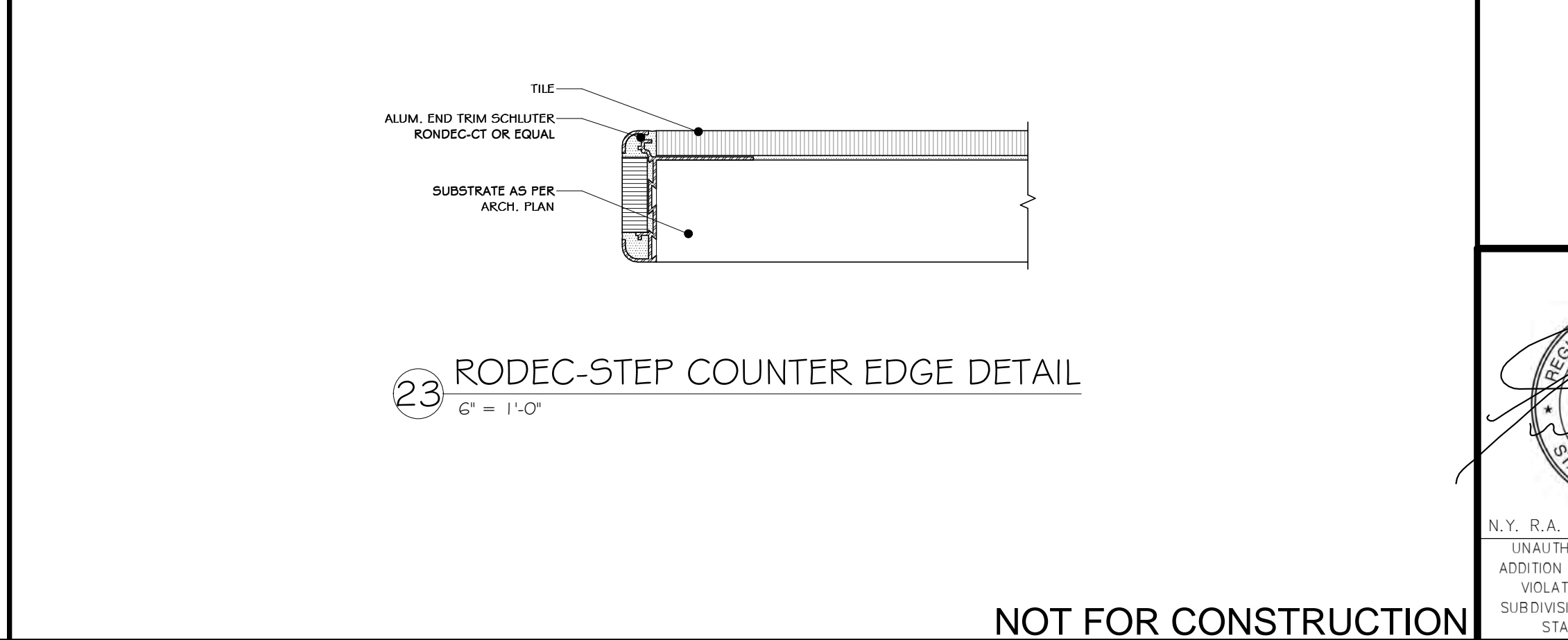
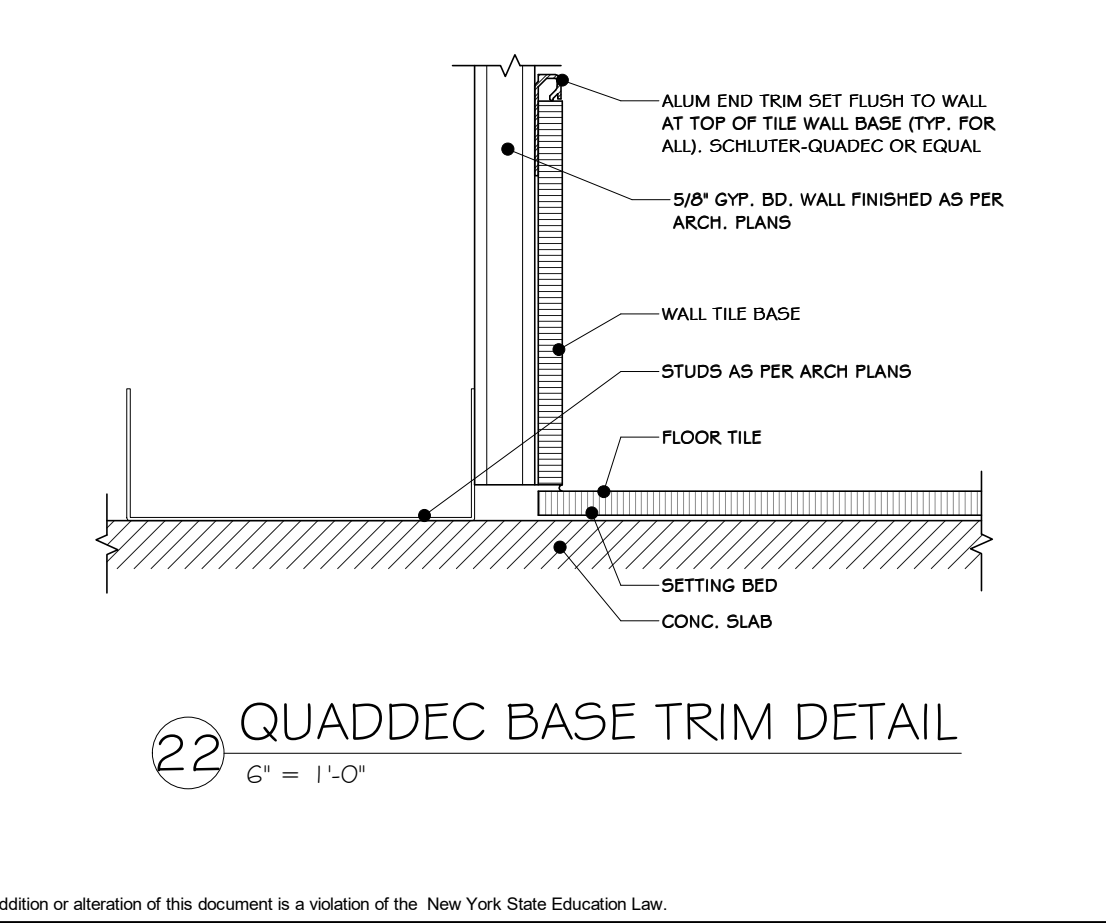
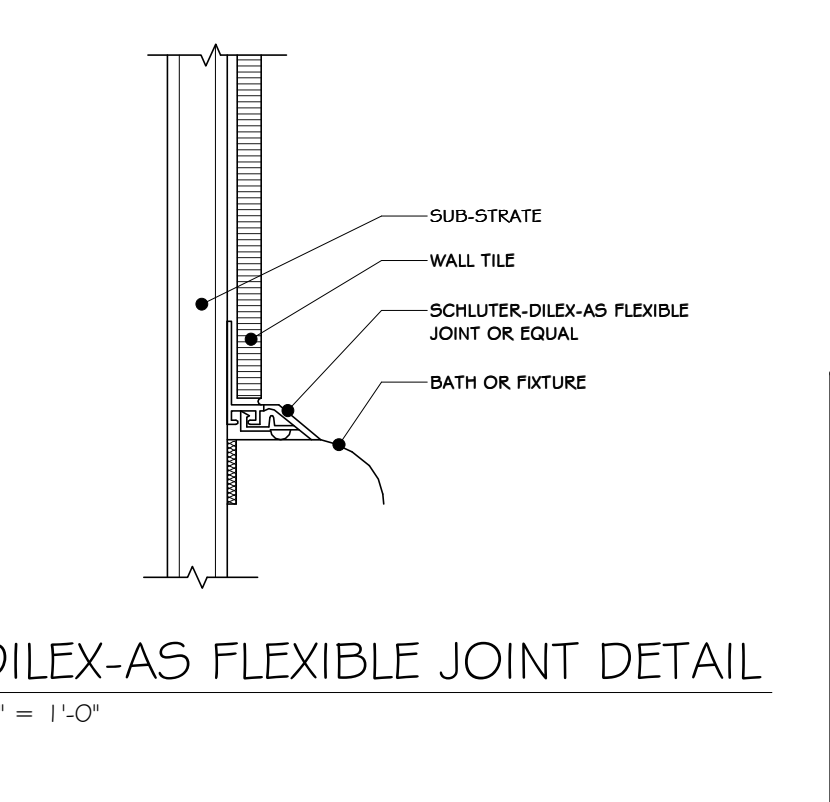
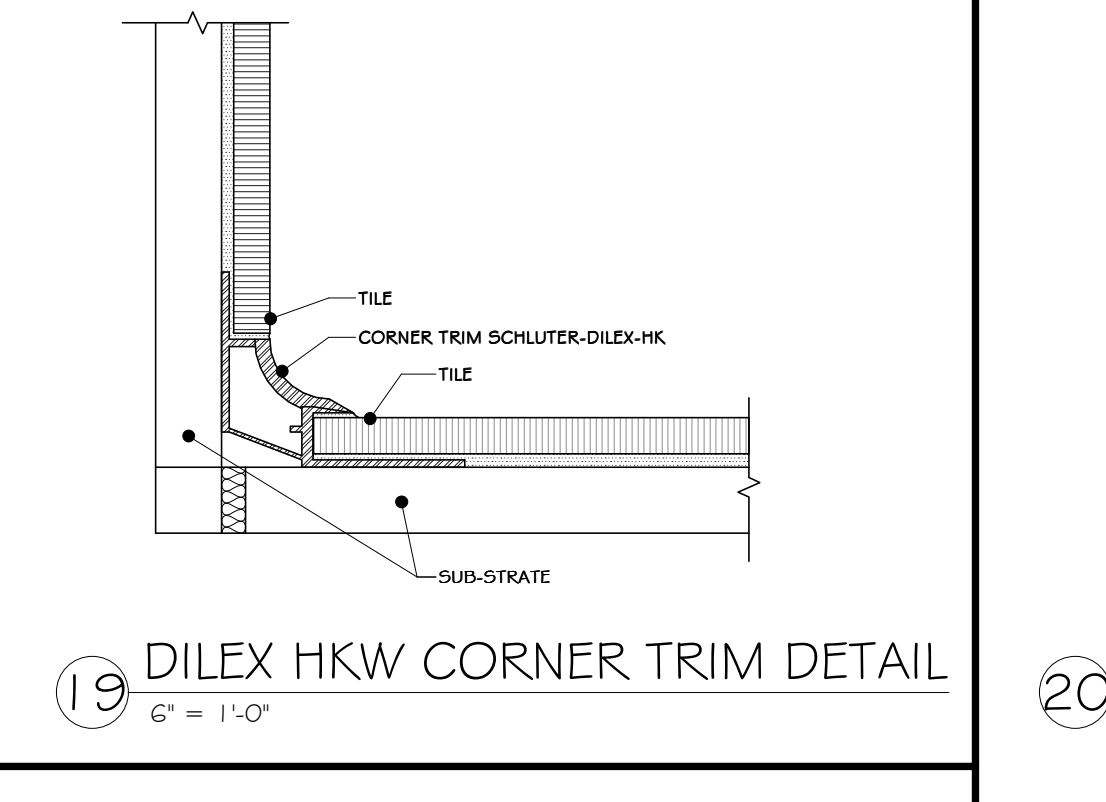
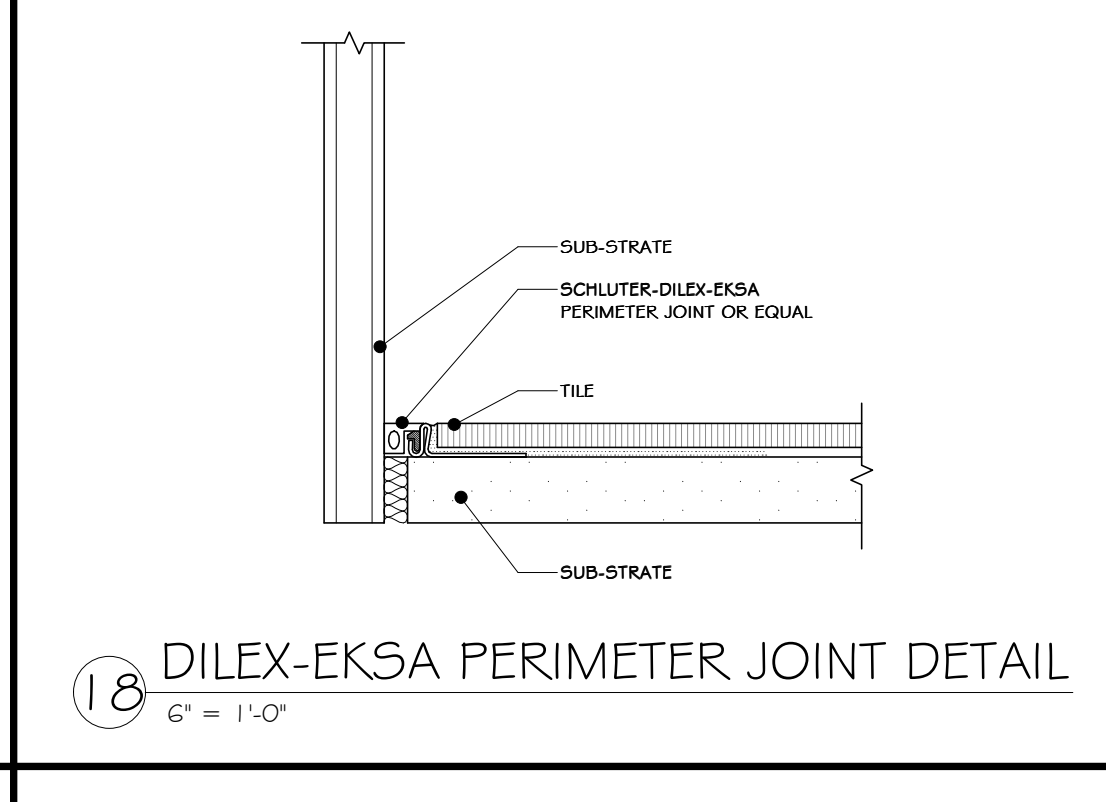
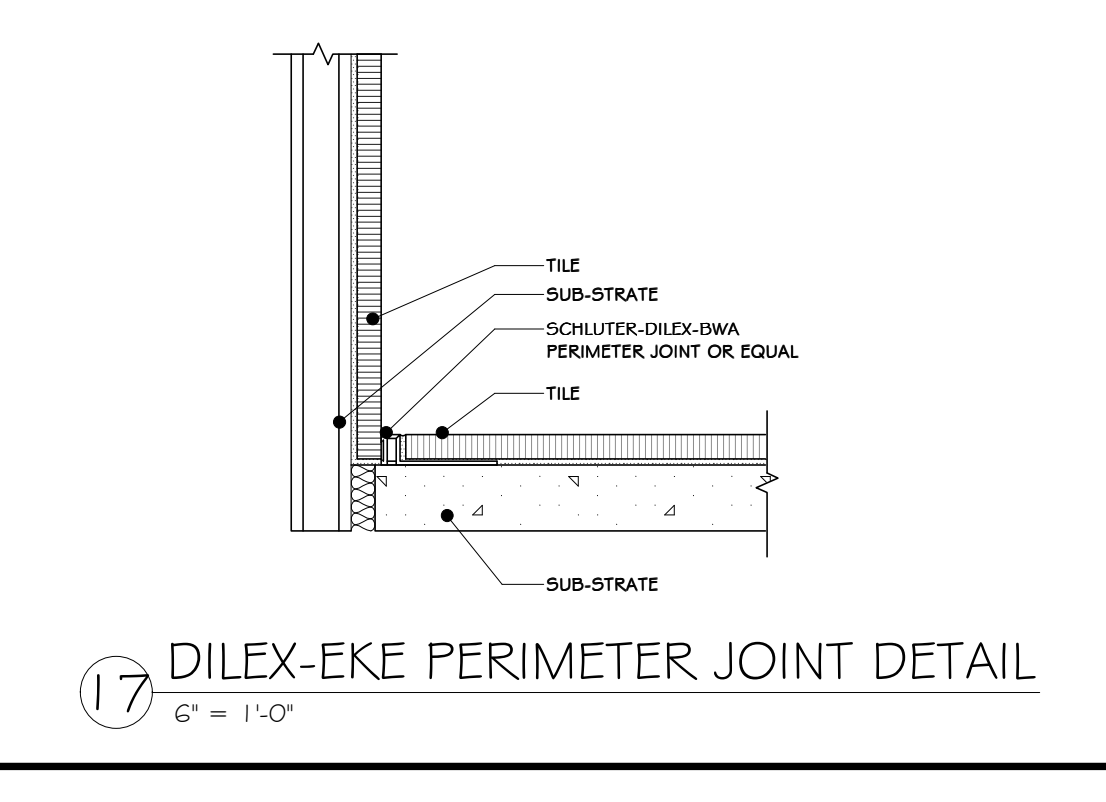
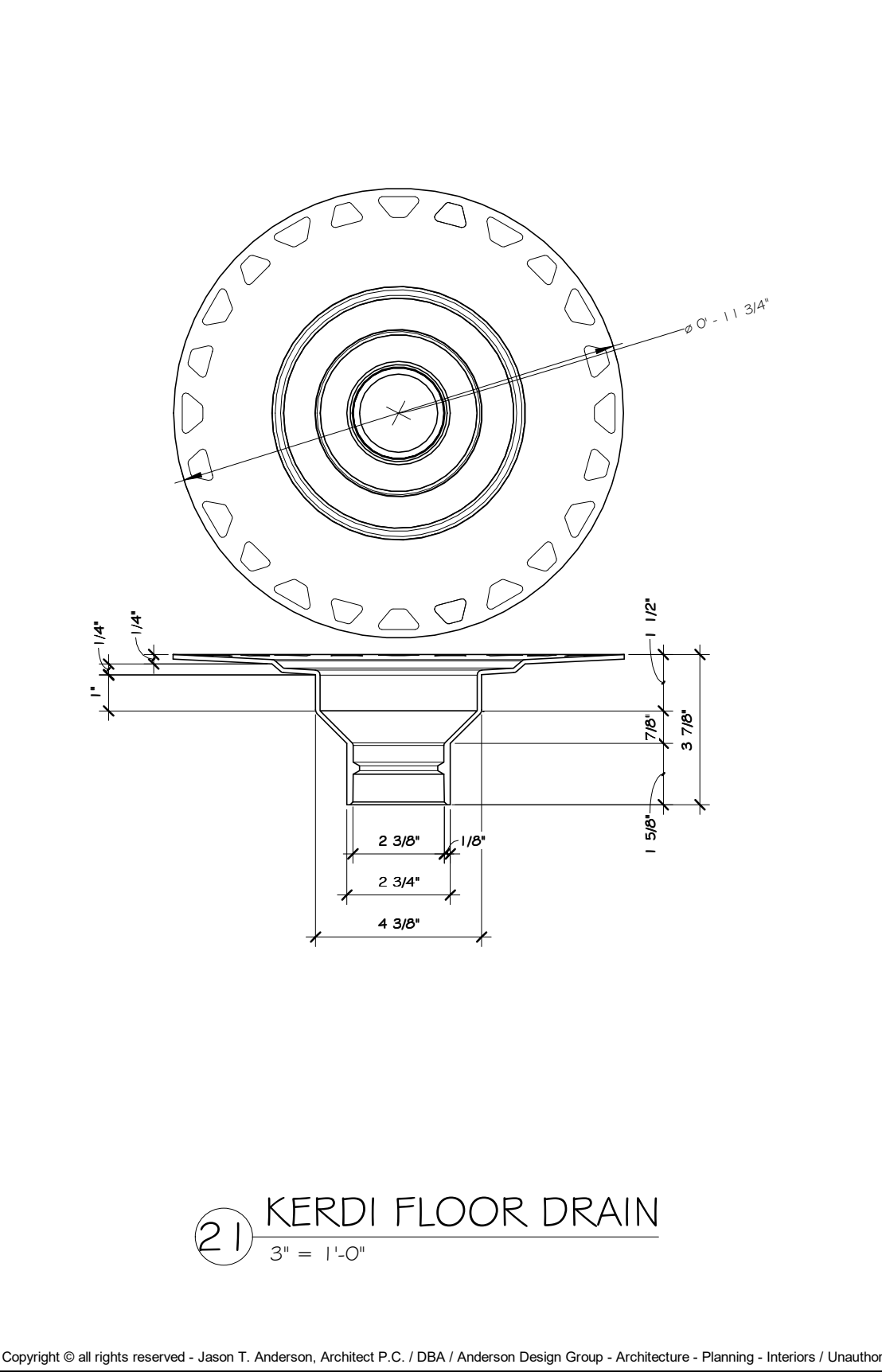
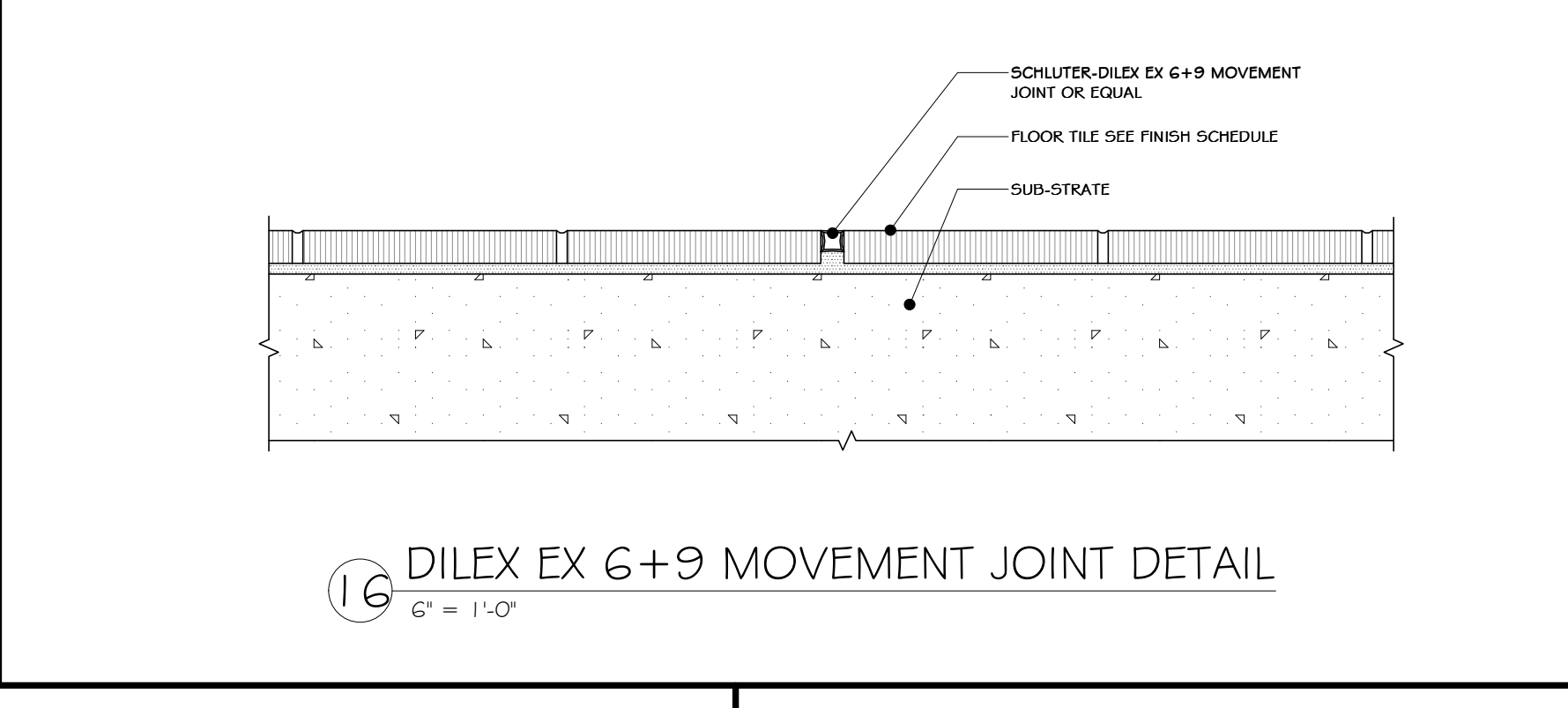
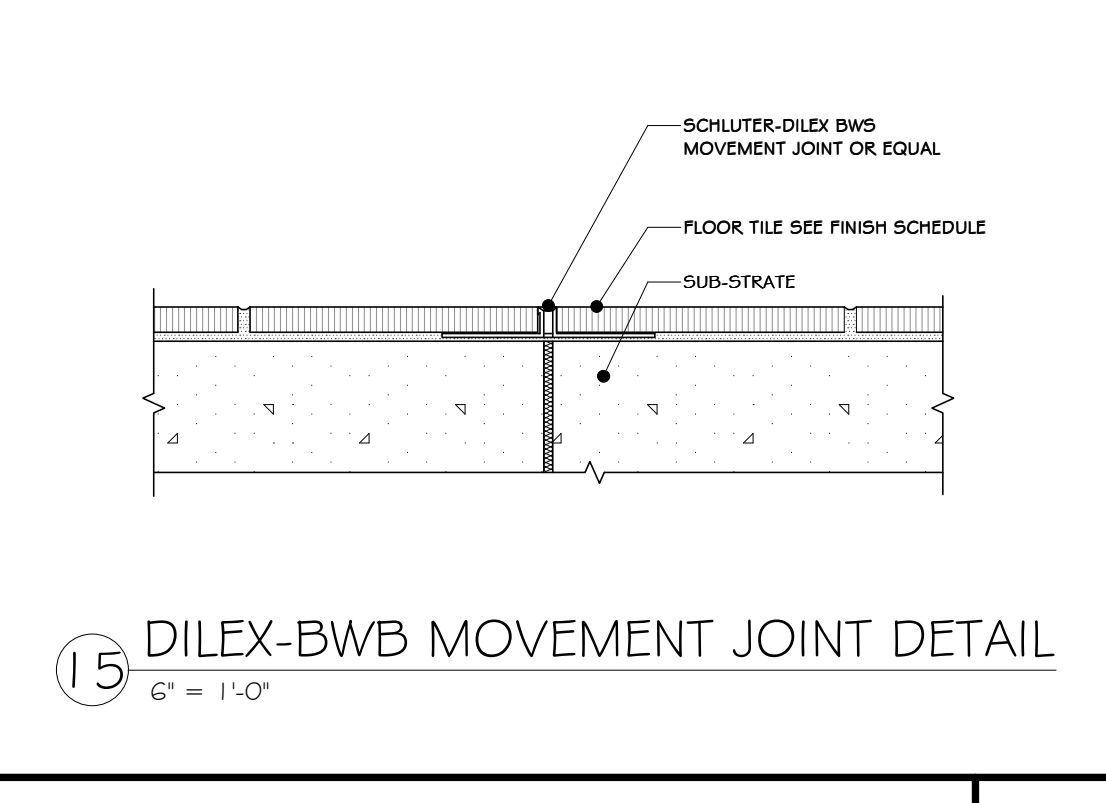
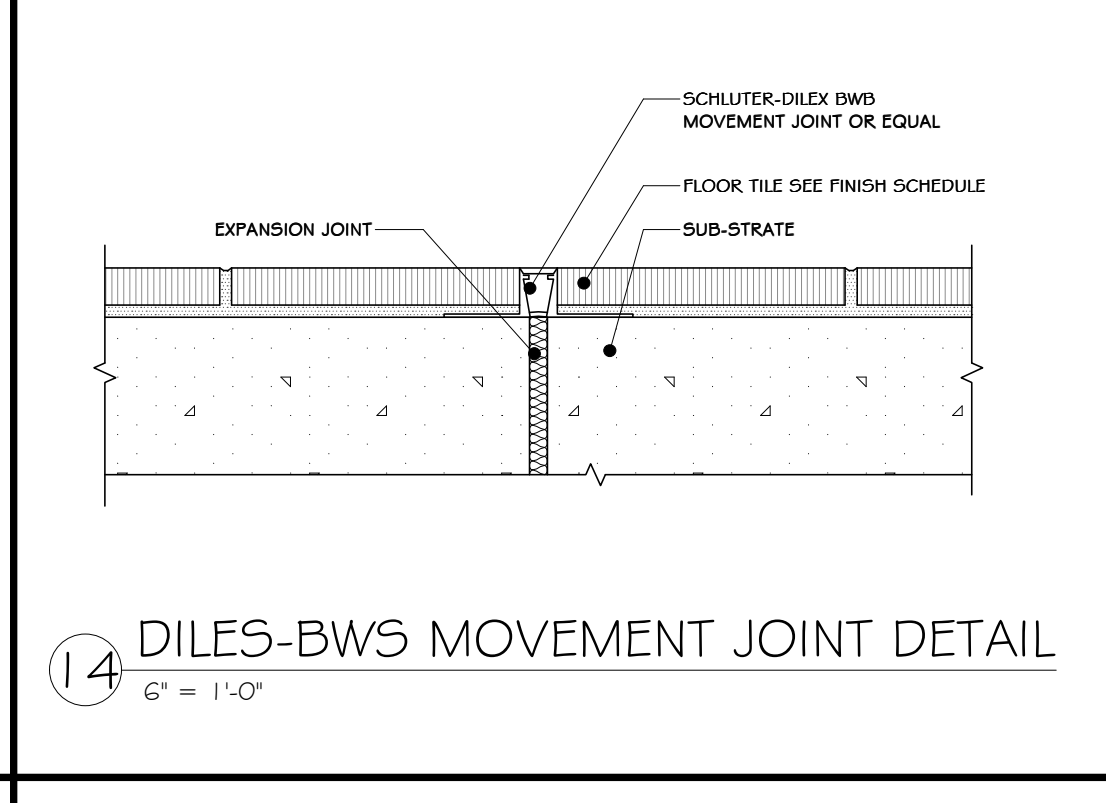
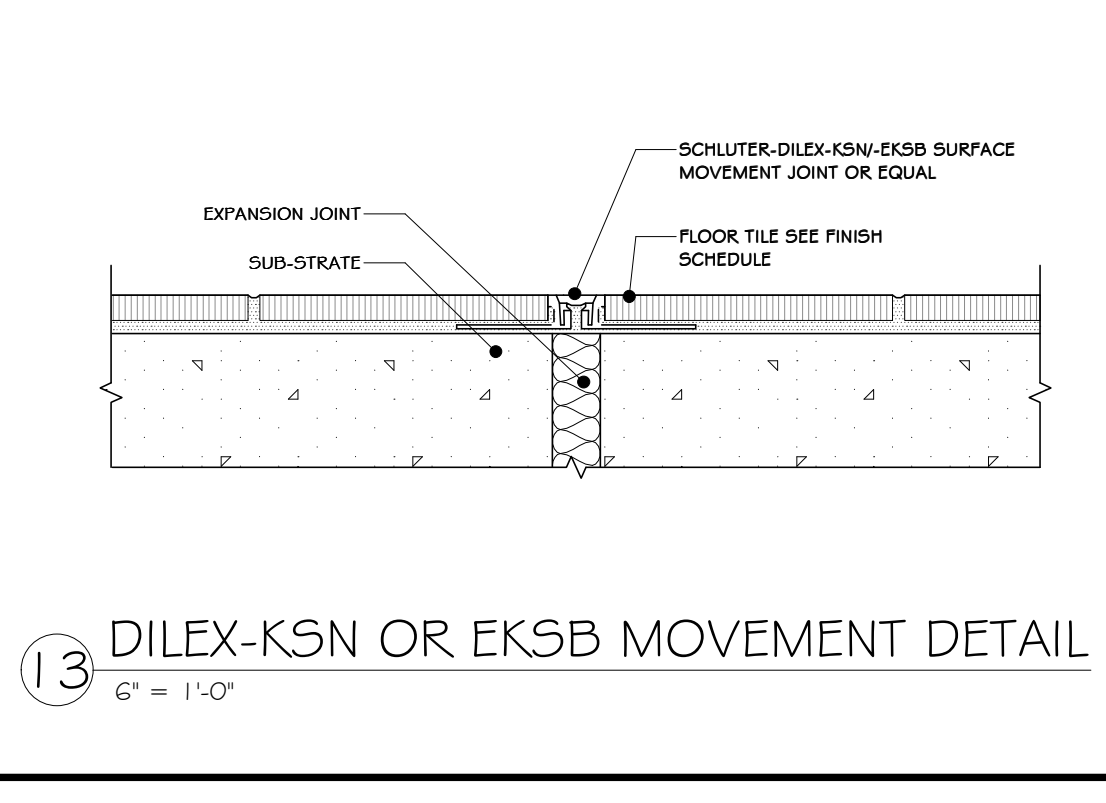
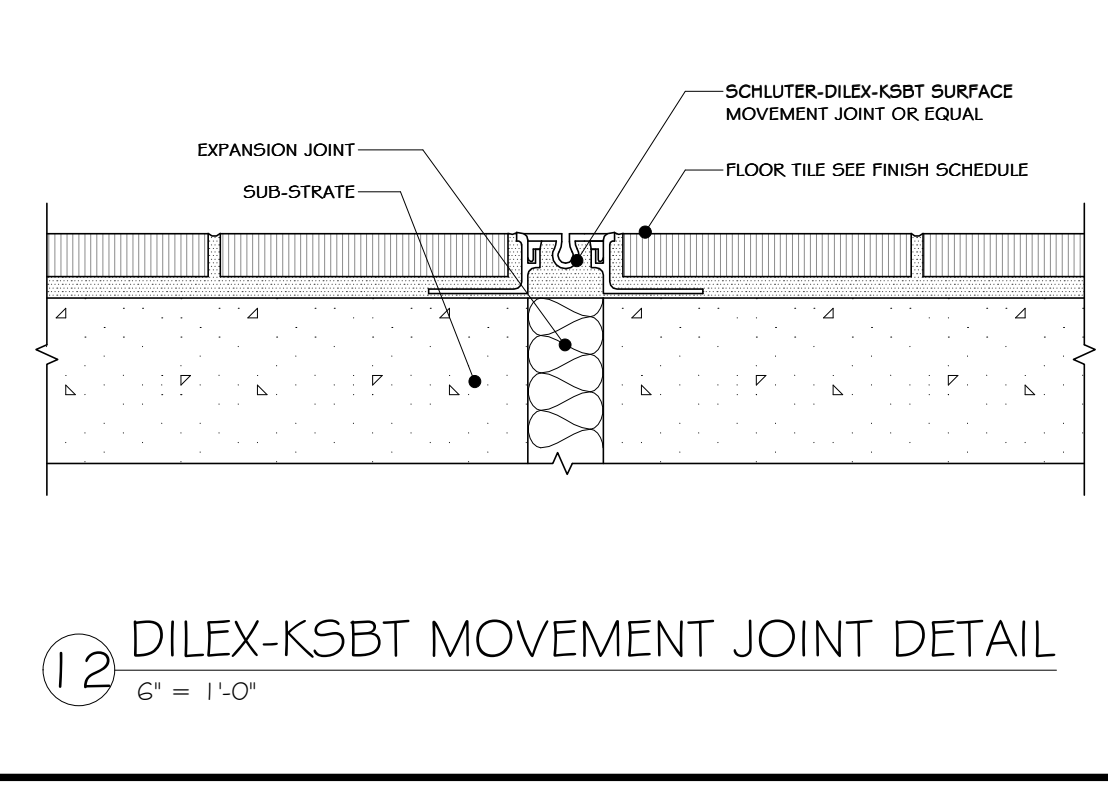
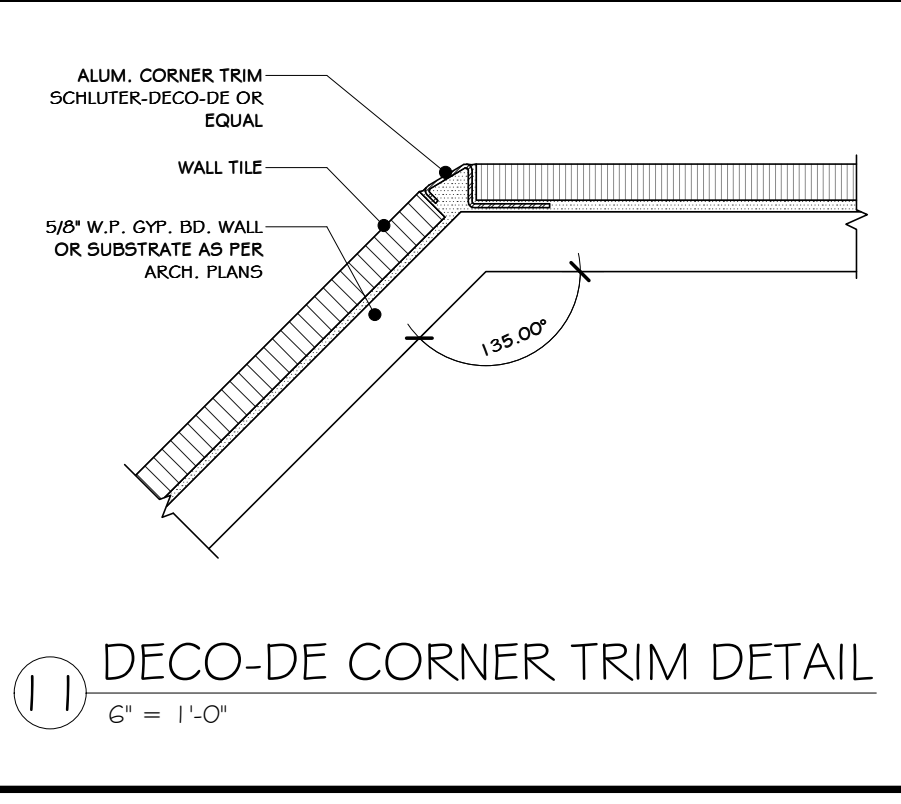
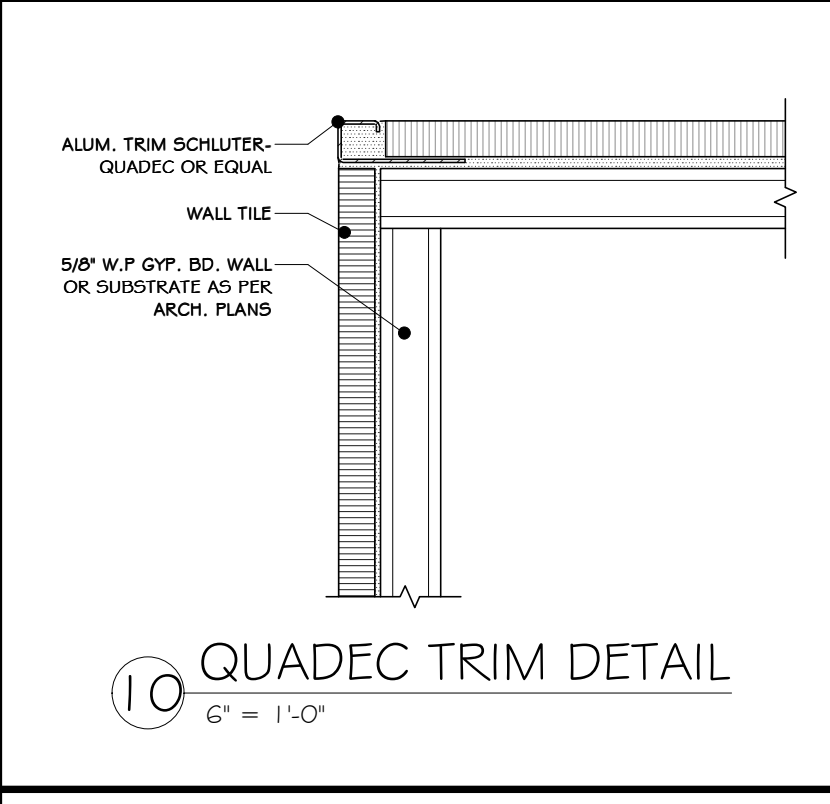
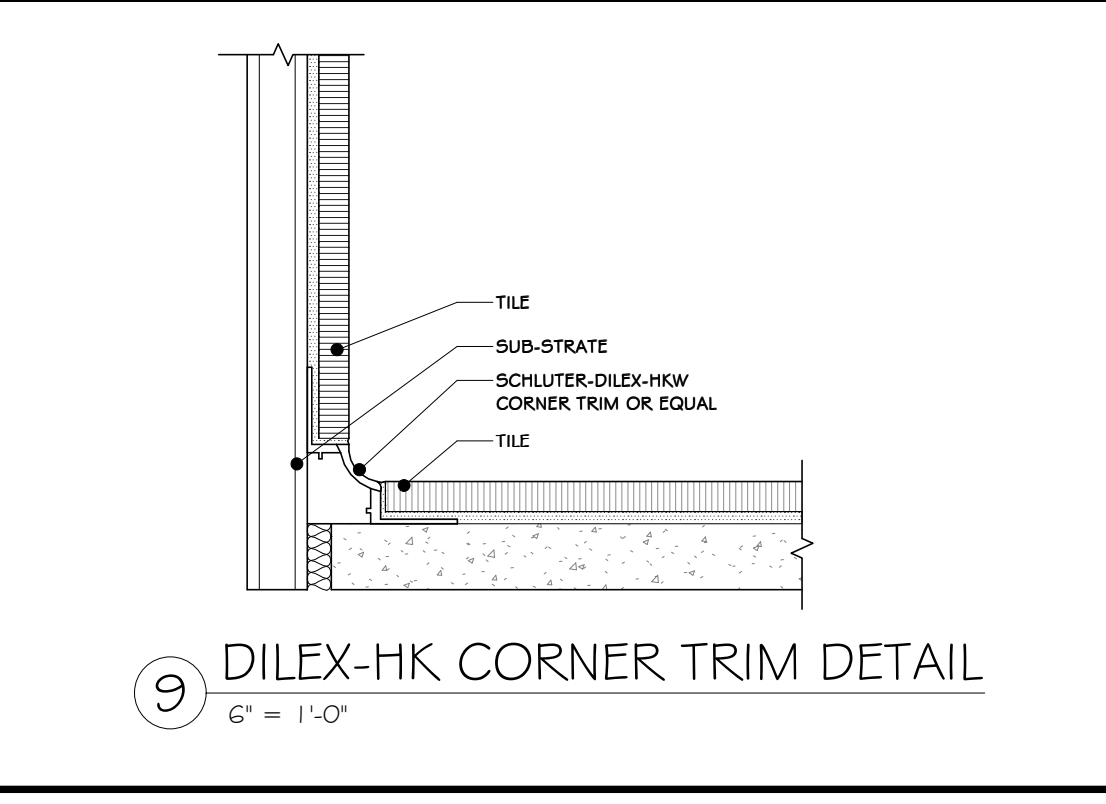
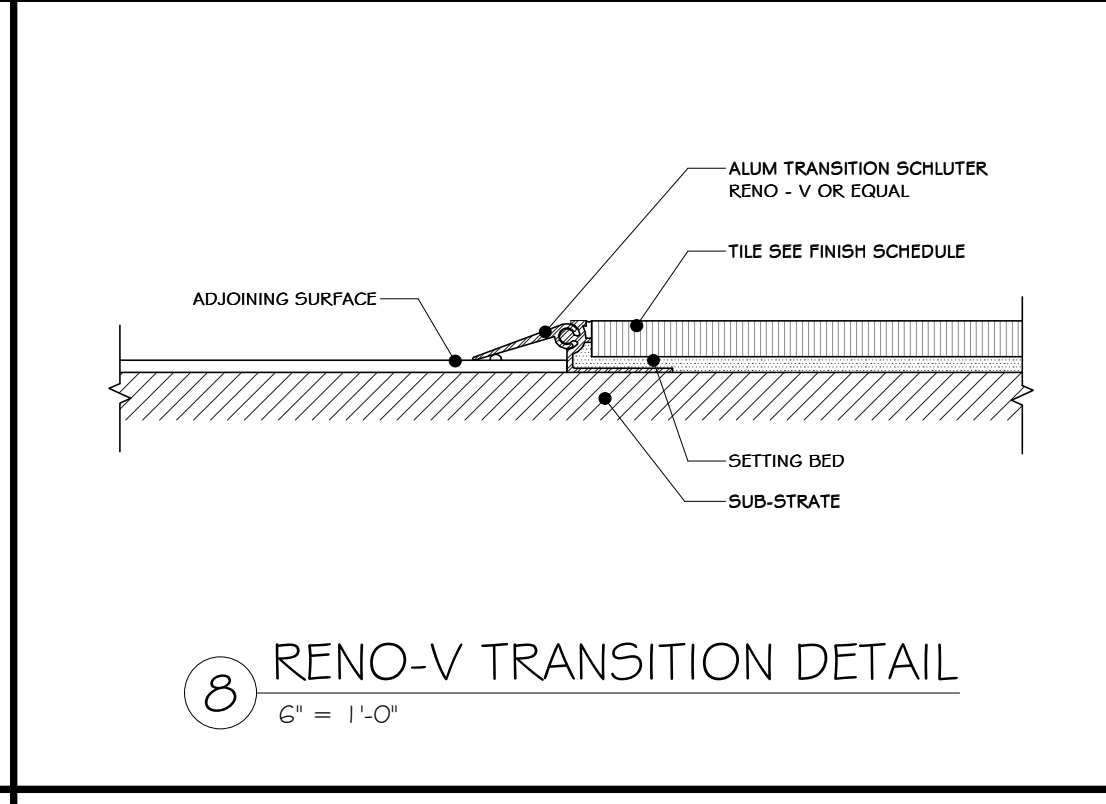
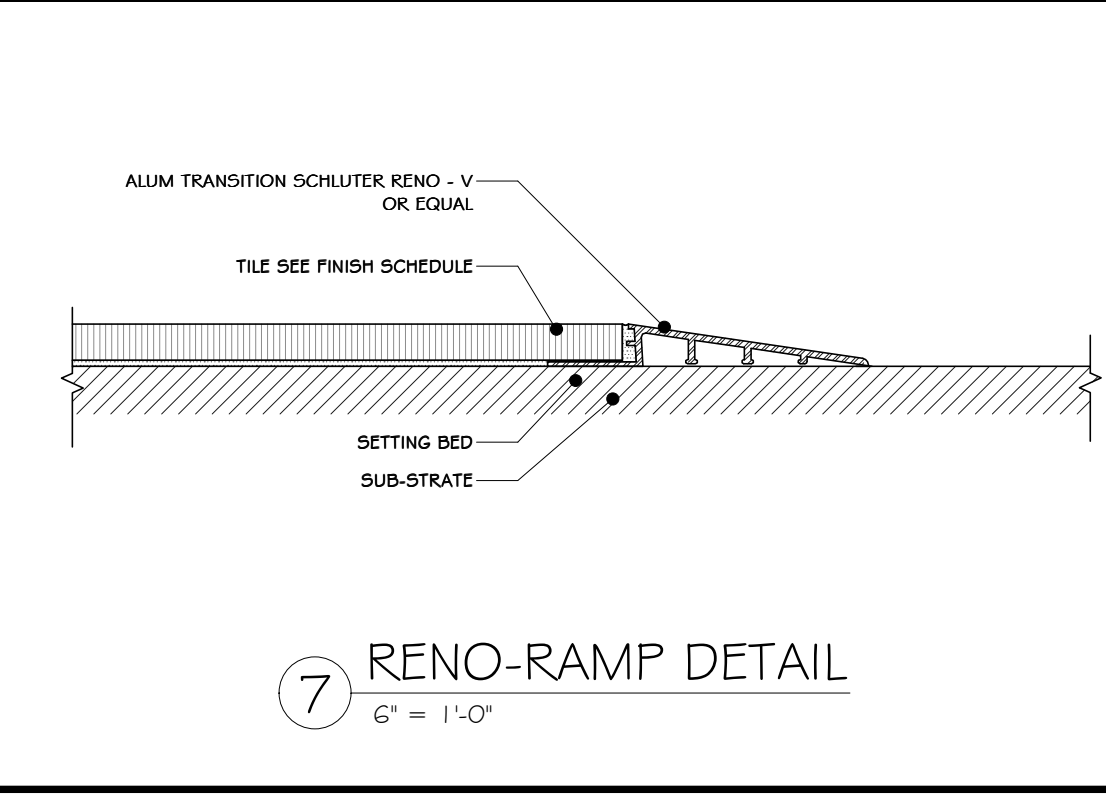
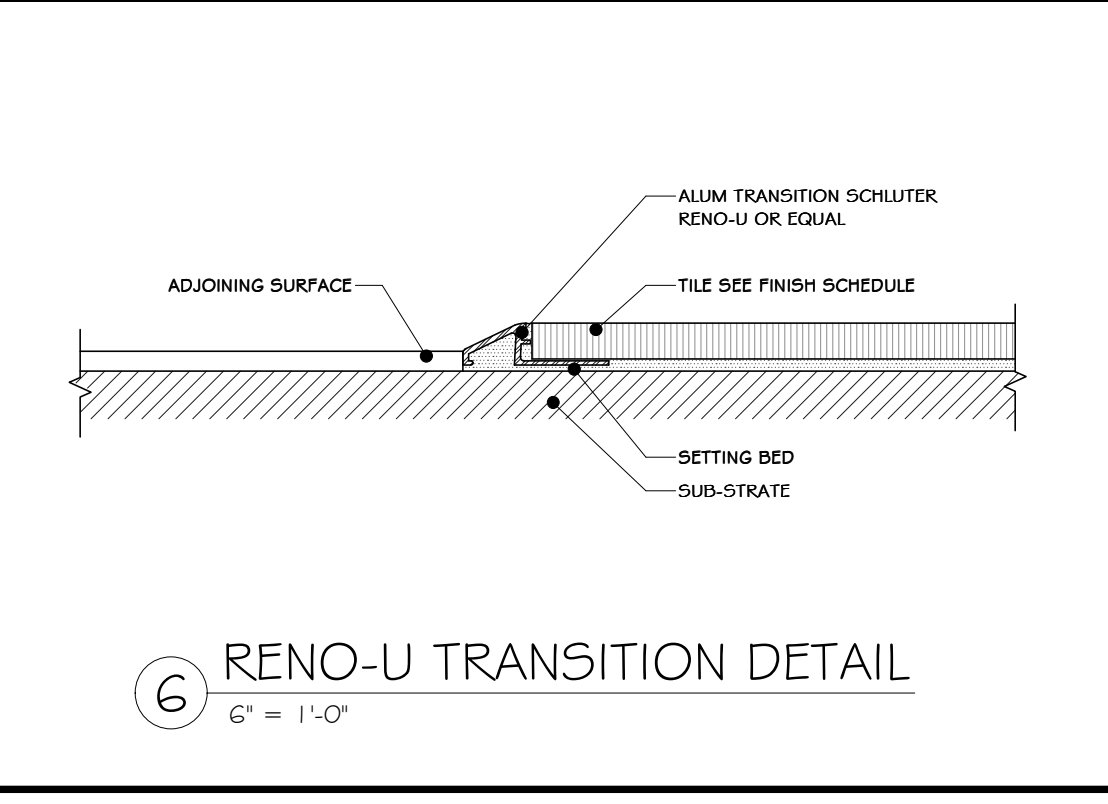
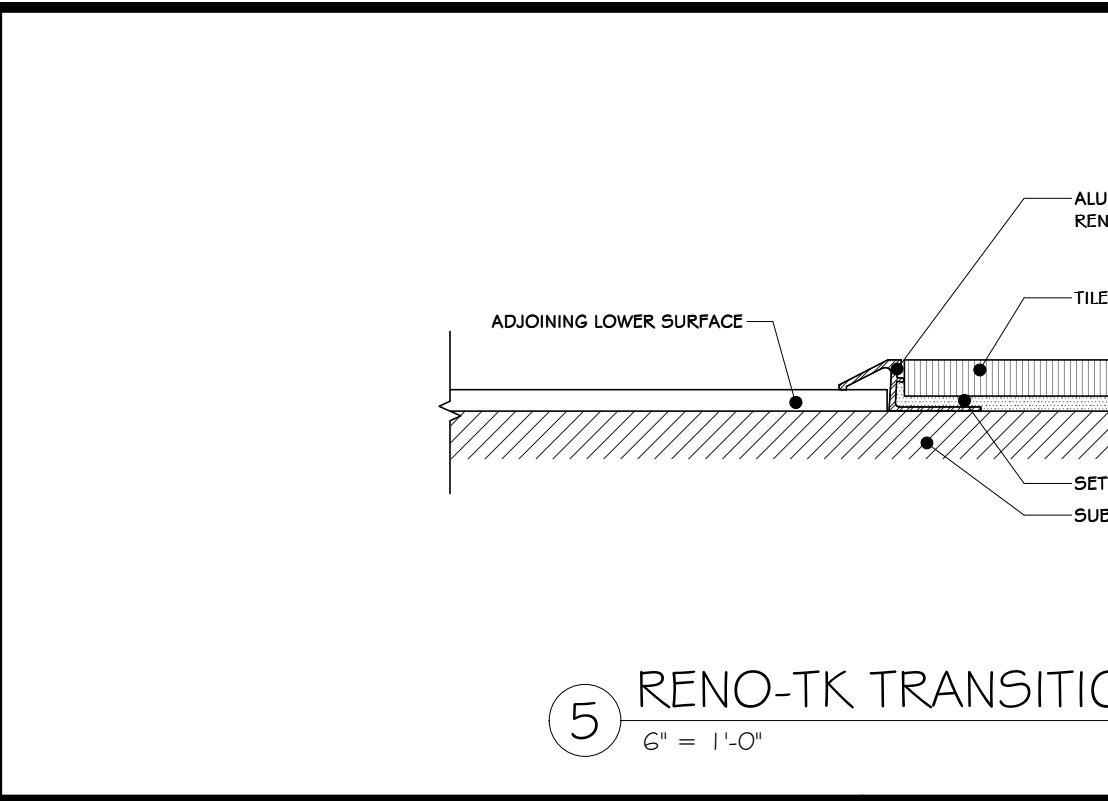
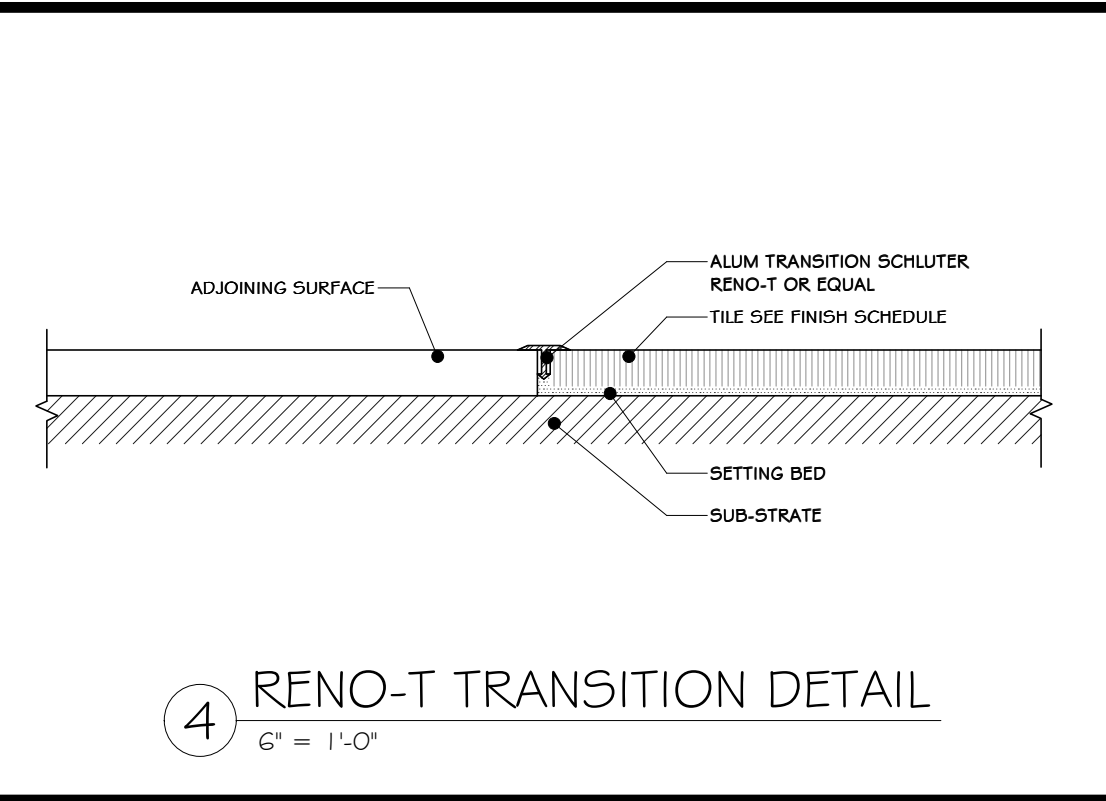
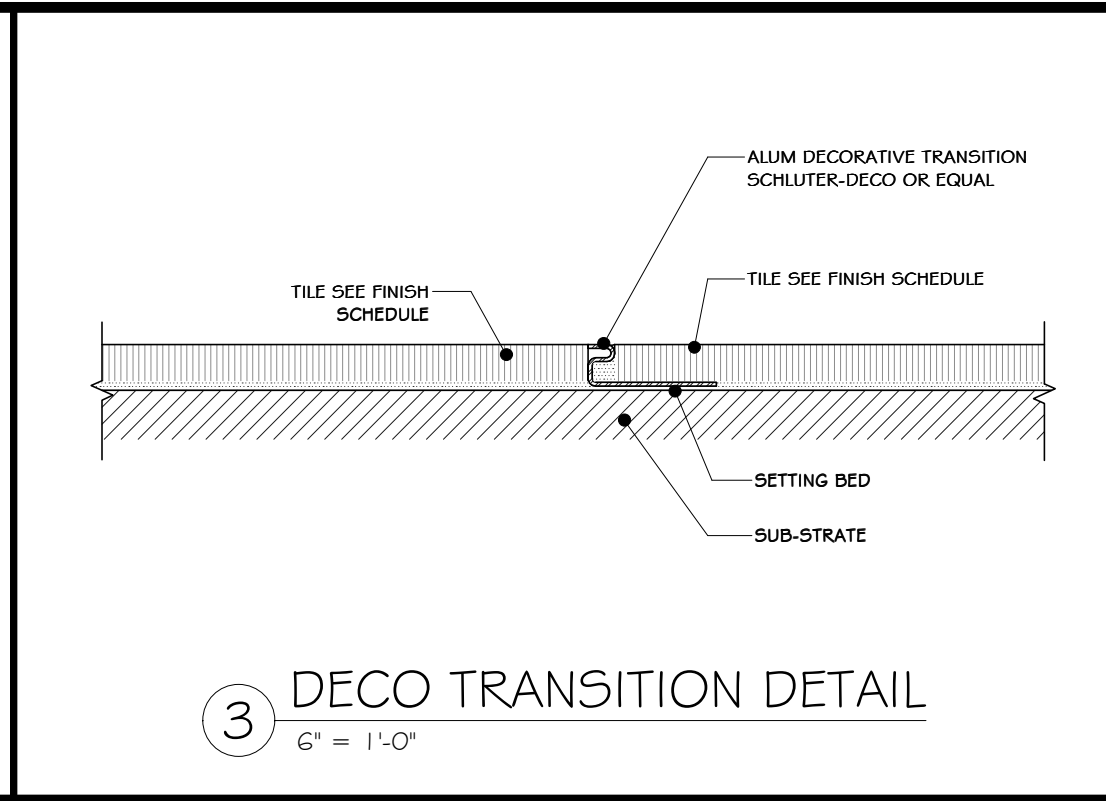
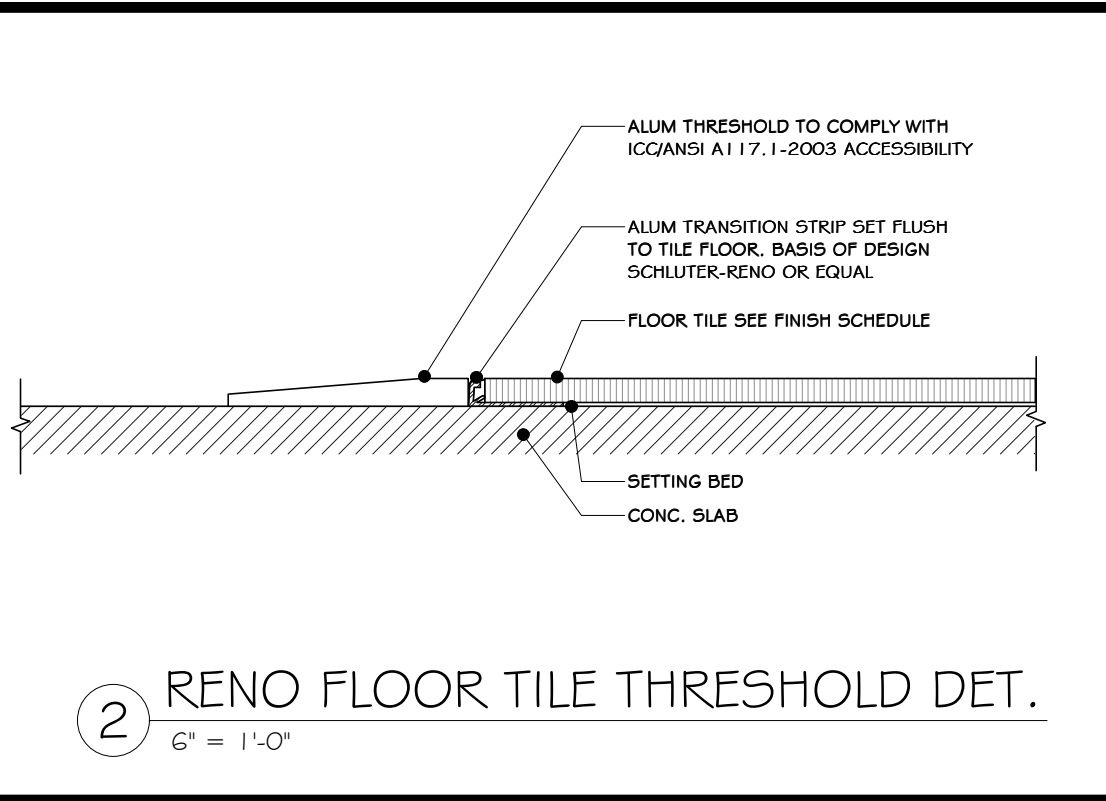
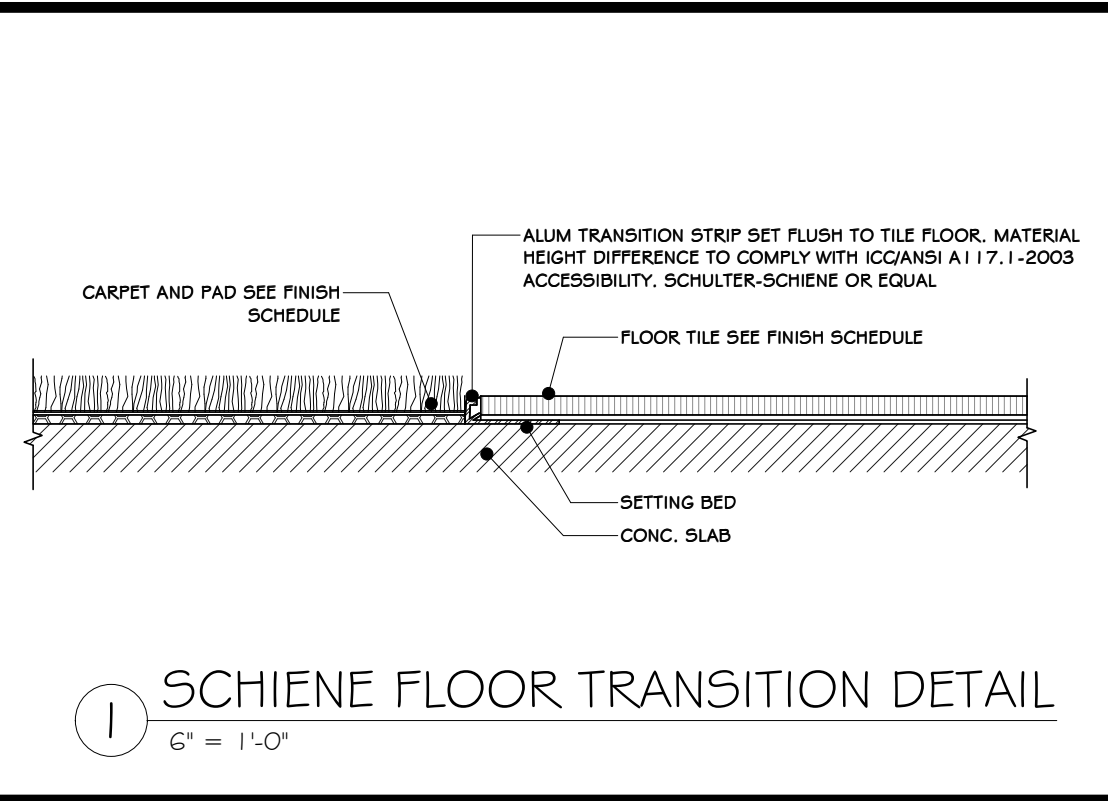
**Rockland Green**

**ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS**  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**MASONRY DETAILS**

DRAWN	IDEA	DATE	07/06/21	PROJ. No: 499-010	SCALE: AS SHOWN
CHECKED	ADG	DATE	07/06/21	DWG. NO: A-603	A
DESIGNED	ADG	DATE	07/06/21	CAD FILE:	
APPROVED	ADG	DATE	07/06/21	SHEET SIZE: D-24x36	REV

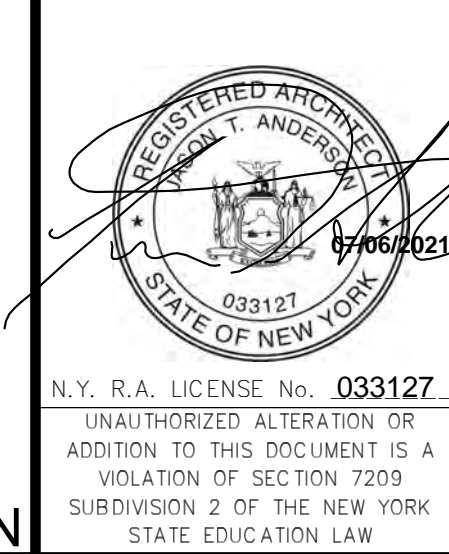
NOT FOR CONSTRUCTION



TILE SCHLUTER DETAIL			
REV	DESCRIPTION	DATE	BY
1	ISSUED FOR RFP	07-06-21	ADG
2	REVISED FOR RFP ADDENDUM 6	07-23-21	ADG

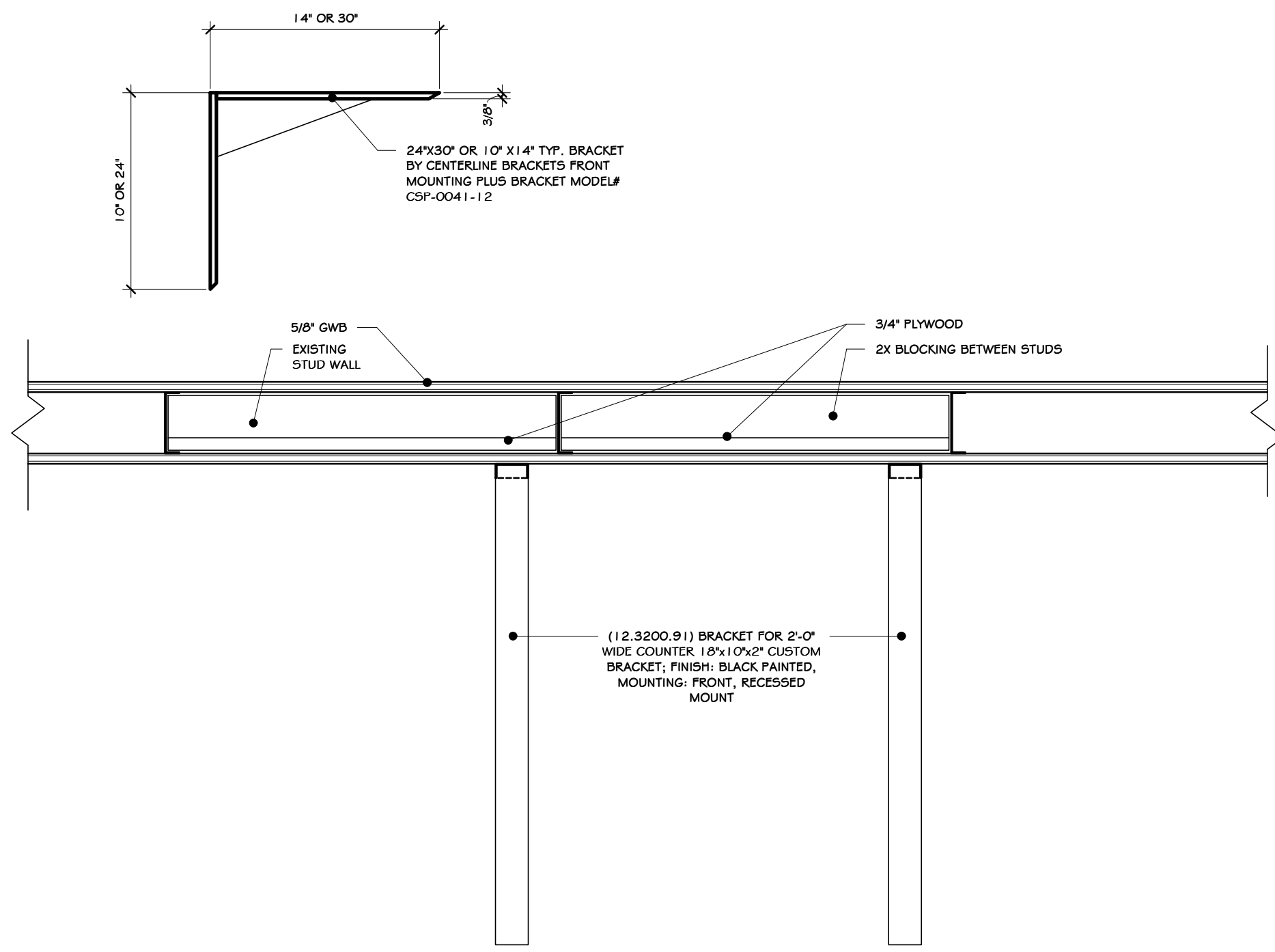
  

PROJ. No: 499-010	SCALE: AS SHOWN
DWG. NO: A-604	
CAD FILE:	
SHEET SIZE: D-24x36	REV

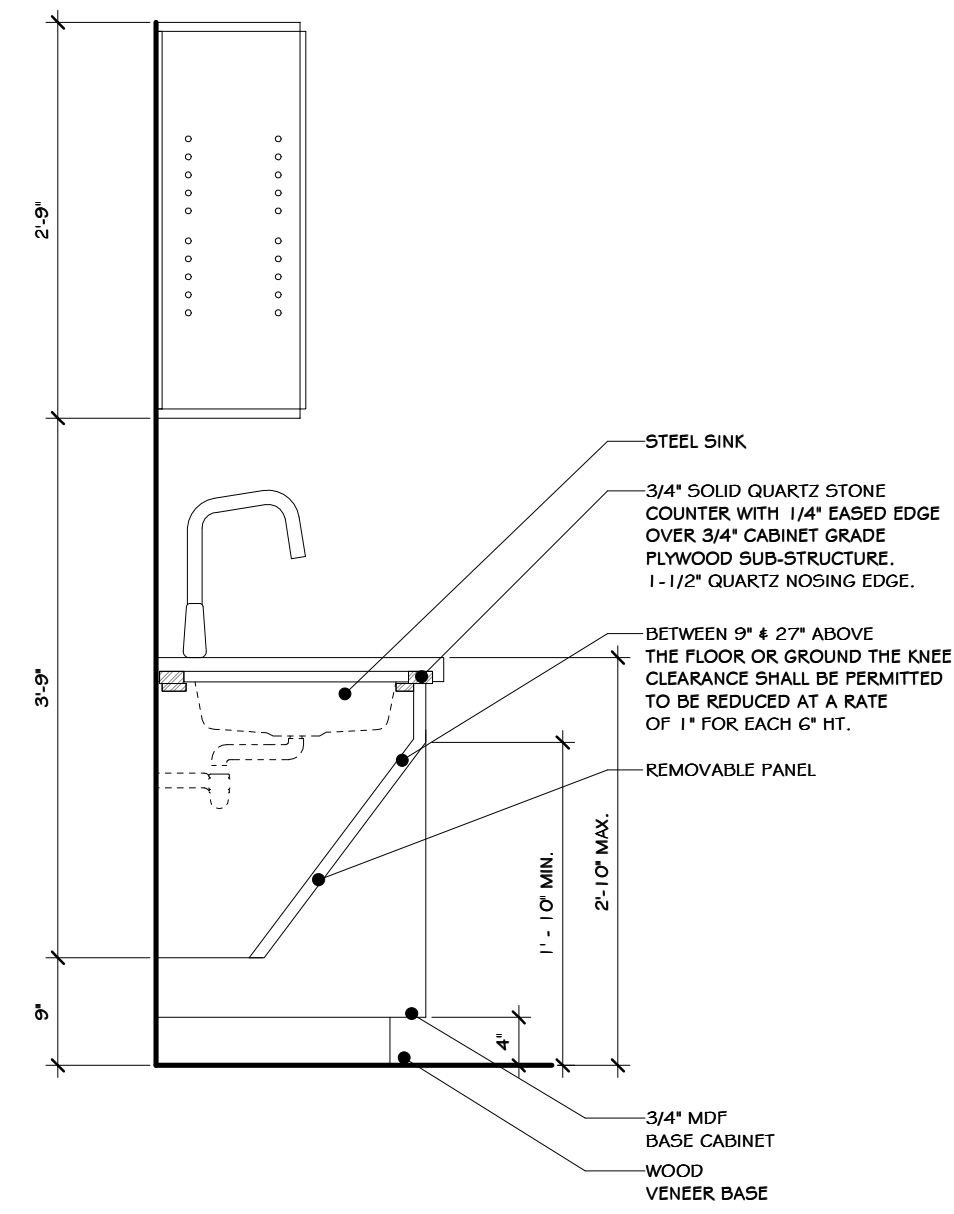


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 1 Huntington Quadrangle, 3501  
 Melville, N.Y. 11747  
 Tel: 631-756-1069 Fax: 631-756-1064

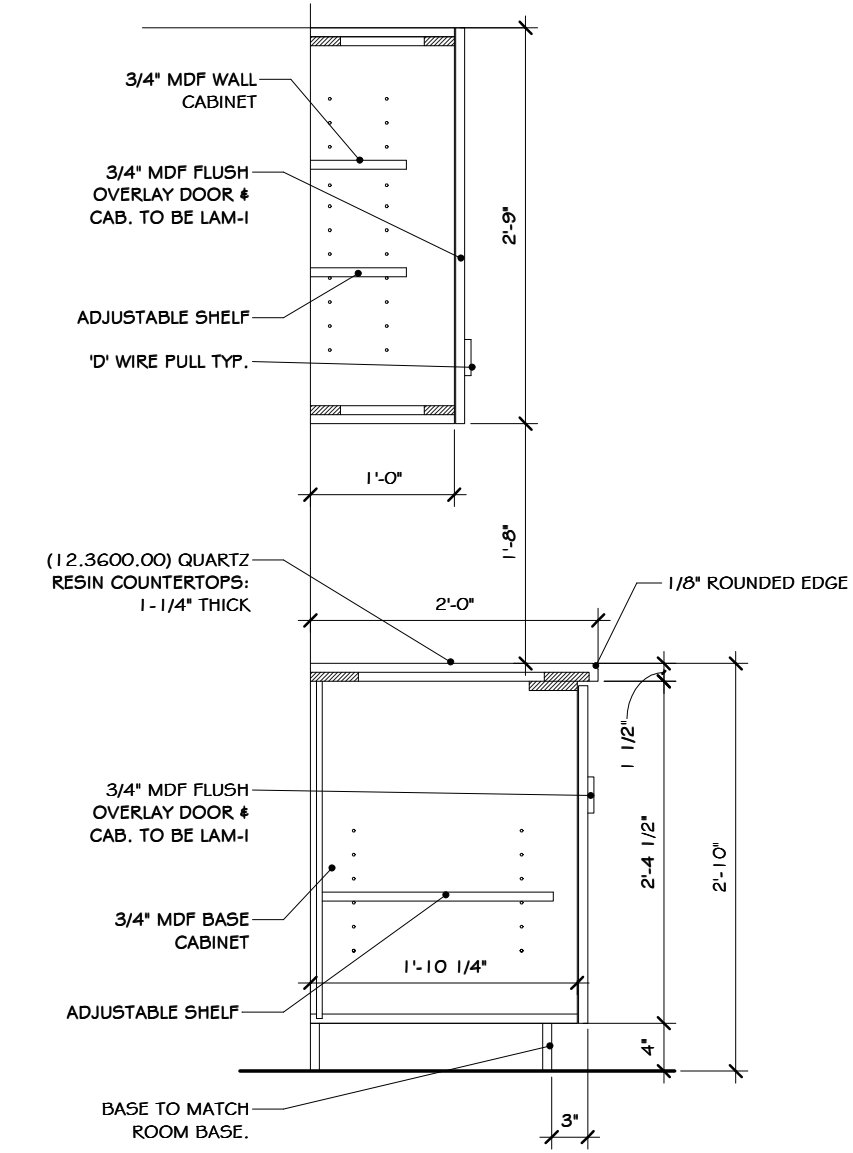
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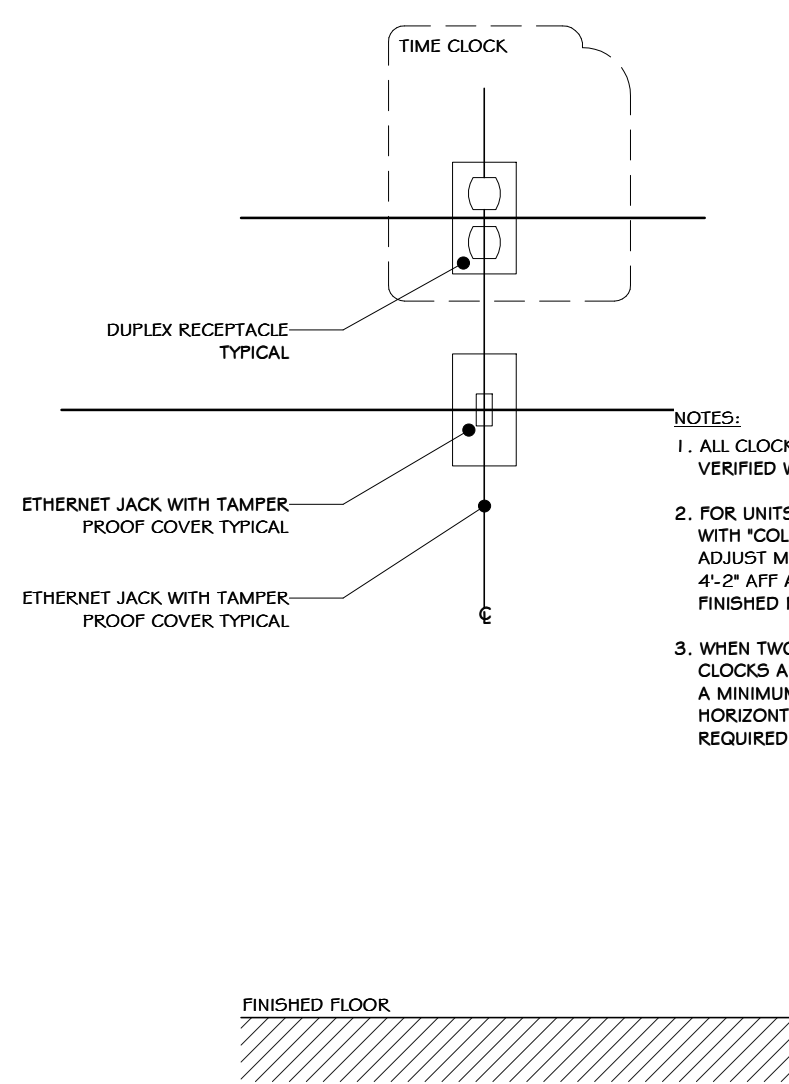
1 WALL FRAMING WITH BLOCKING  
1/2" = 1'-0"



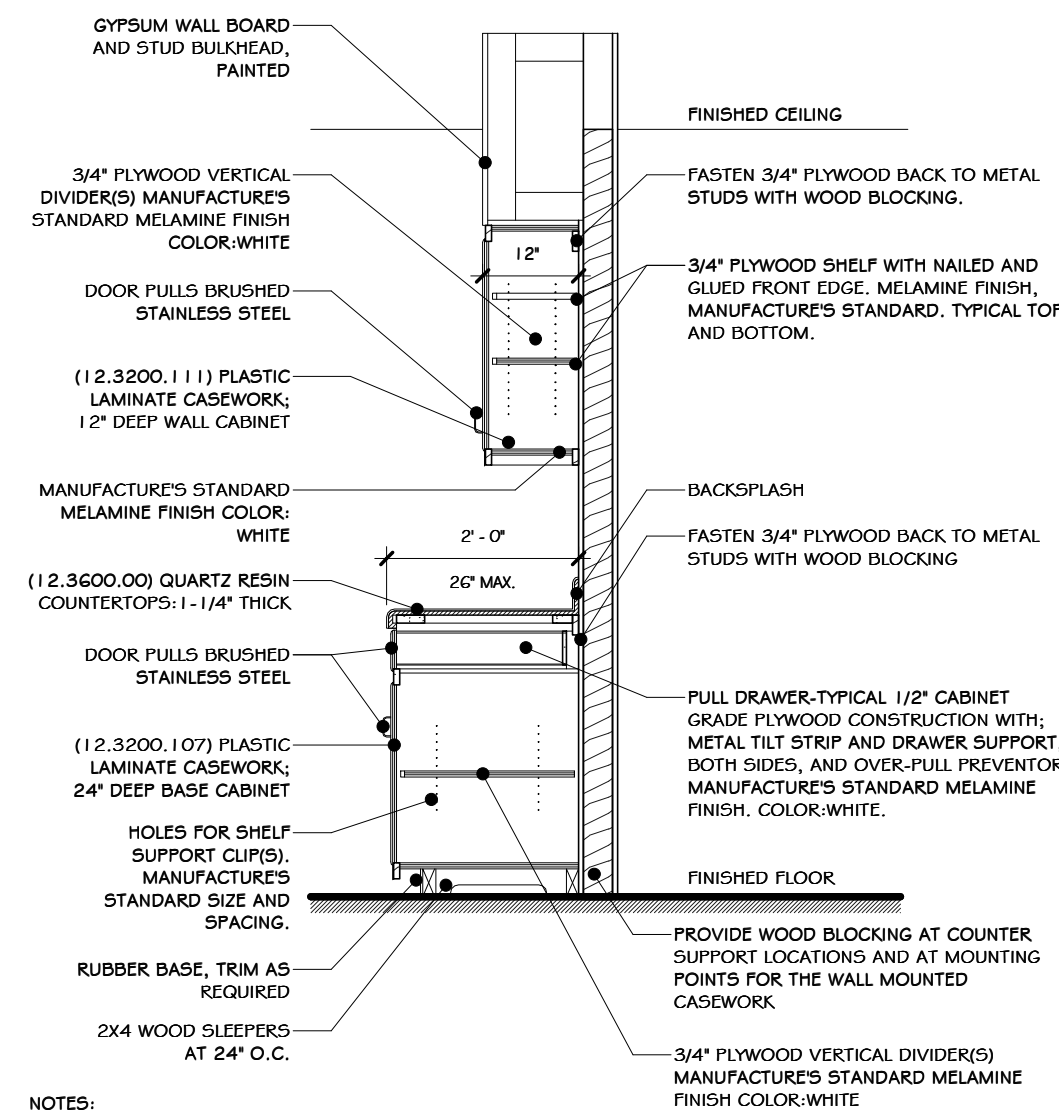
2 SECTION DETAIL  
3/4" = 1'-0"



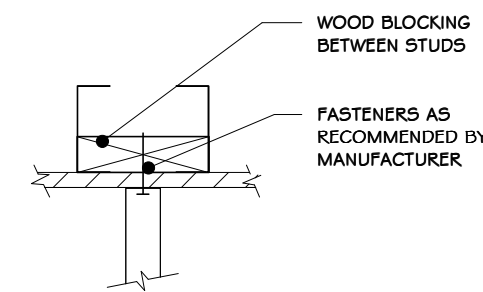
3 TYPICAL CABINET SECTION  
3/4" = 1'-0"



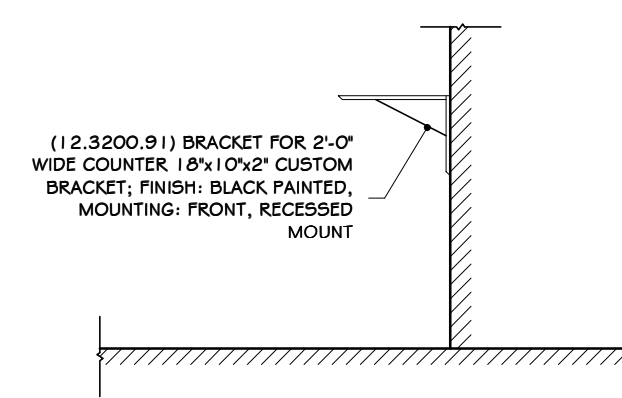
4 TIME CLOCK RECEPTACLES ELEVATION  
1" = 1'-0"



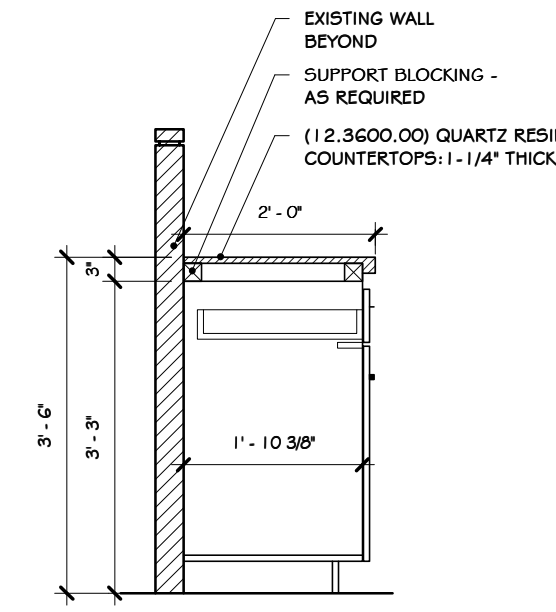
5 KITCHENETTE SECTION  
1/2" = 1'-0"



6 COUNTER BRACKET/ BLOCKING  
1/2" = 1'-0"



7 BRACKET BY CENTERLINE BRACKETS  
1/2" = 1'-0"



8 BASE CABINET SECTION  
1/2" = 1'-0"



REVISED FOR RFP ADDENDUM 6	07-23-21
ISSUED FOR RFP	07-06-21
DESCRIPTION	07-06-21

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1-570-826-1000 | 1-570-825-0888 | www.mrspc.com

**ANDERSON DESIGN GROUP** ARCHITECTURE PLANNING INTERIORS

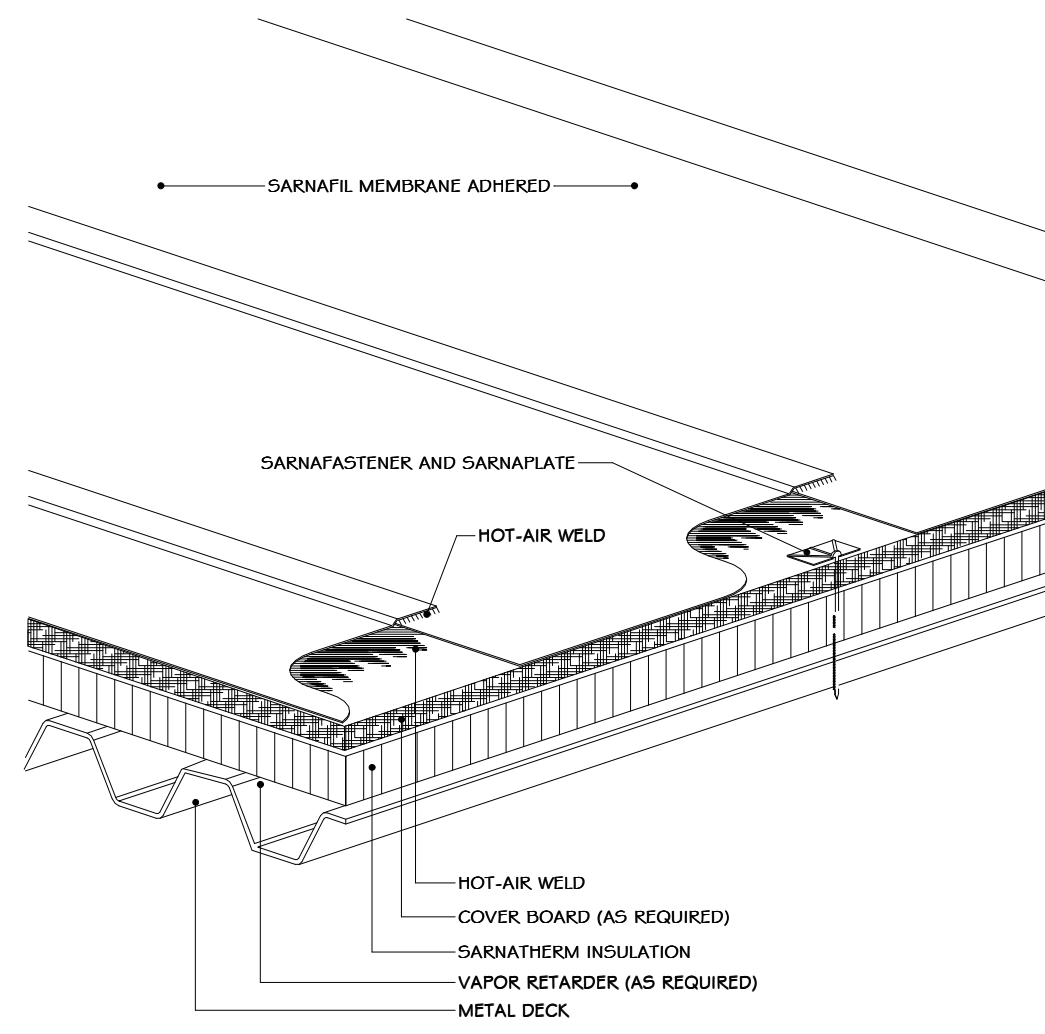
**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

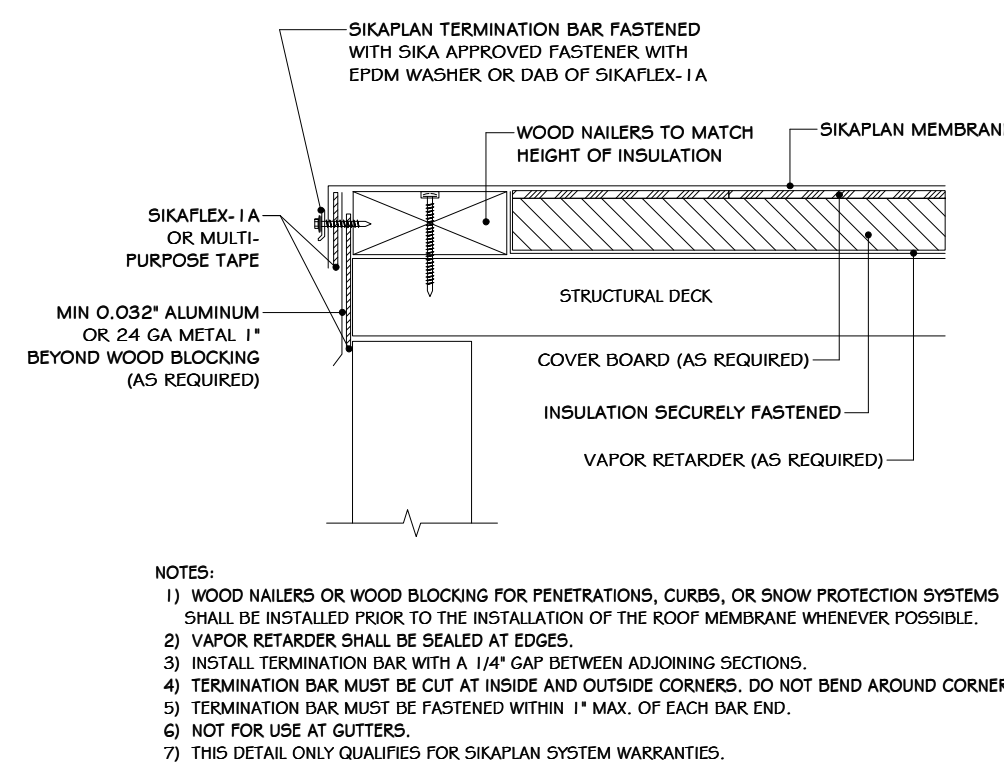
**MILLWORK DETAILS**

DRAWN	IDEA	DATE	07/06/21	PROJ. No:	499-010	SCALE:	AS SHOWN
CHECKED	ADG	DATE	07/06/21	DWG. NO.:	A-605		
DESIGNED	ADG	DATE	07/06/21	CAD FILE:			
APPROVED	ADG	DATE	07/06/21	SHEET SIZE:	D-24x36		REV

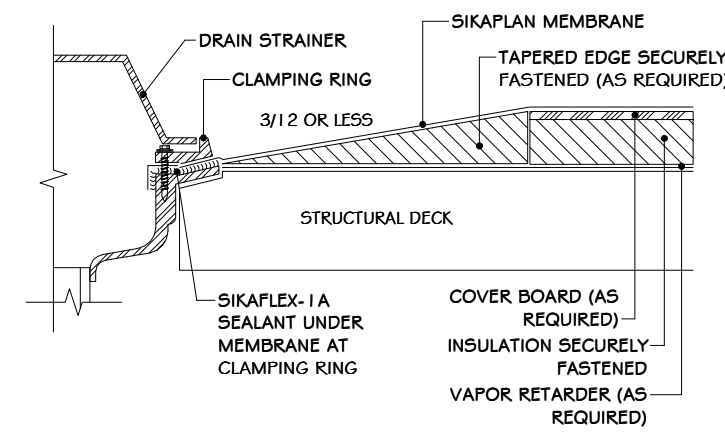
NOT FOR CONSTRUCTION



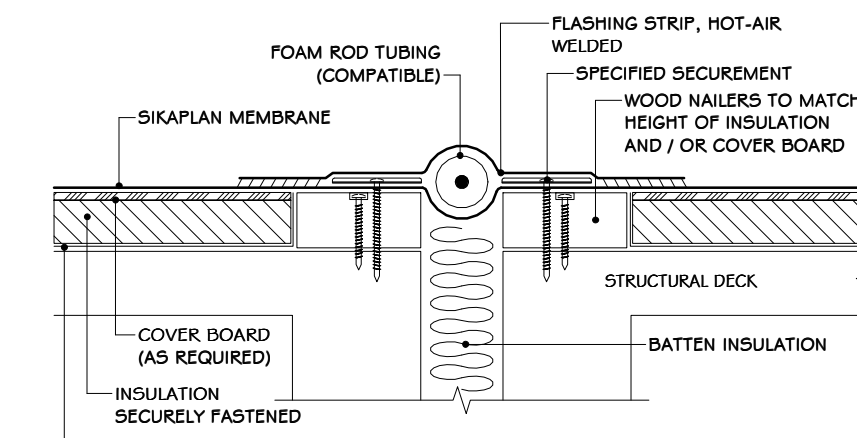
1 ADHERED SYSTEM  
3" = 1'-0"



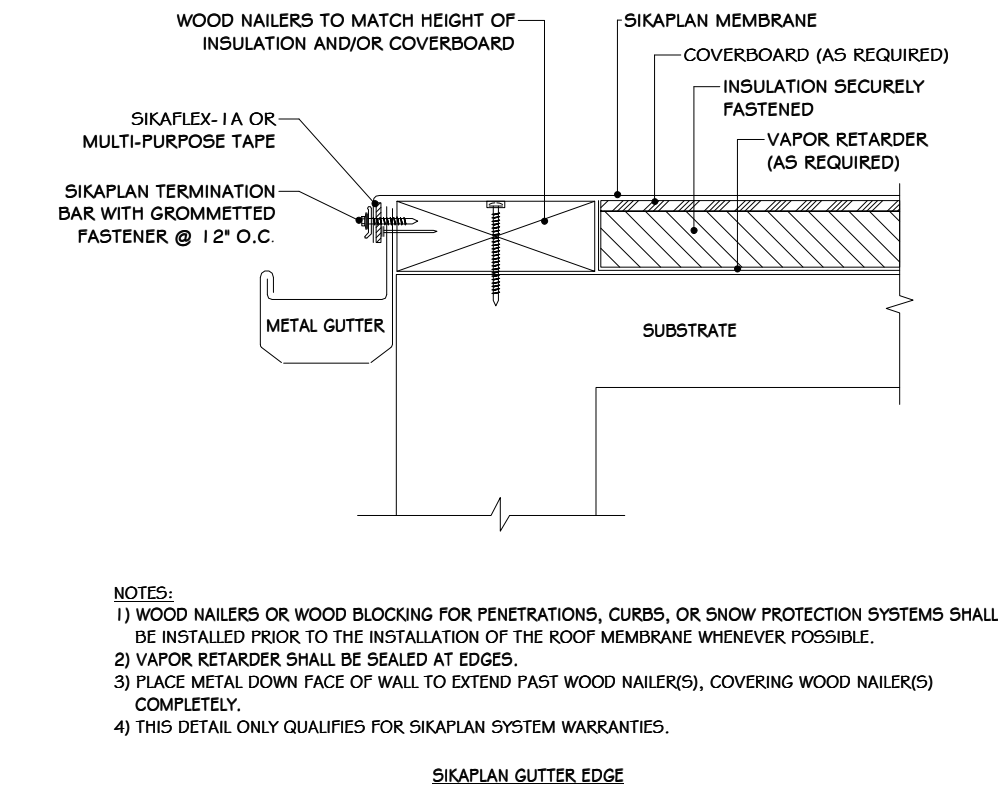
2 SIKAPLAN EDGE DETAIL WITH WOOD BLOCKING  
6" = 1'-0"



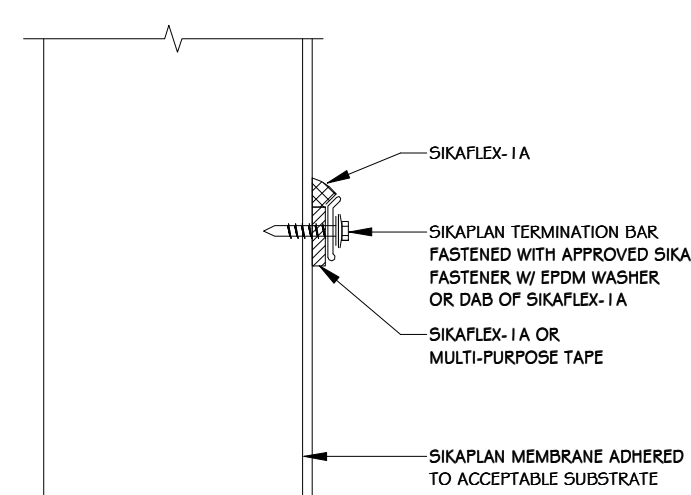
3 SIKAPLAN ROOF DRAIN DETAIL  
6" = 1'-0"



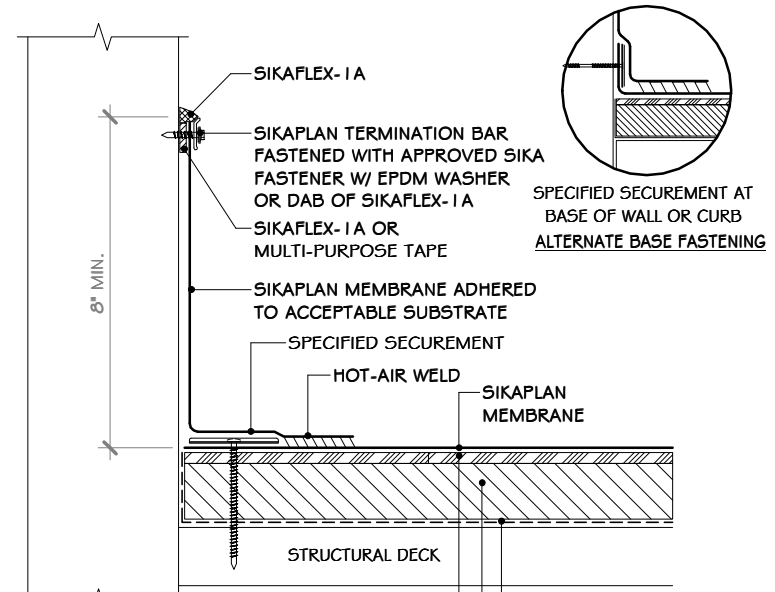
4 SIKAPLAN EXPANSION JOINT  
6" = 1'-0"



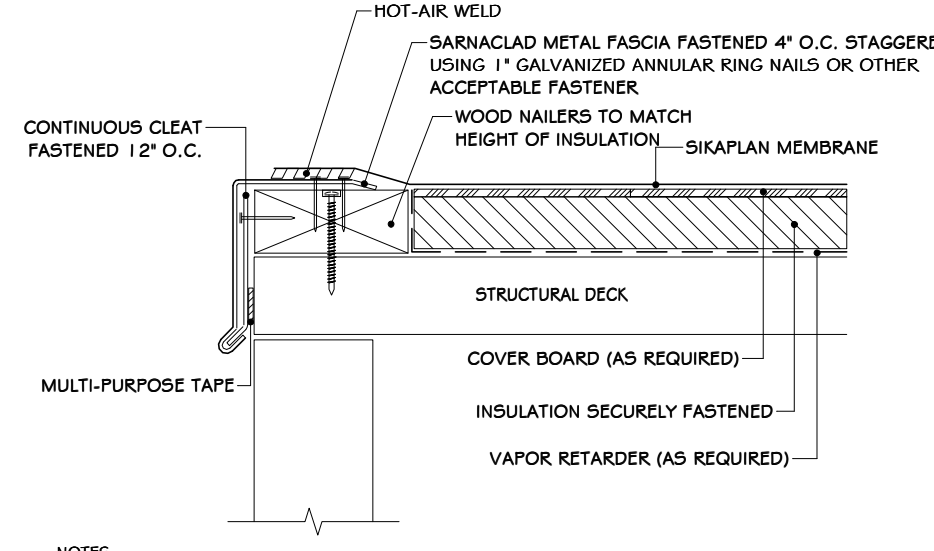
5 SIKAPLAN GUTTER EDGE  
6" = 1'-0"



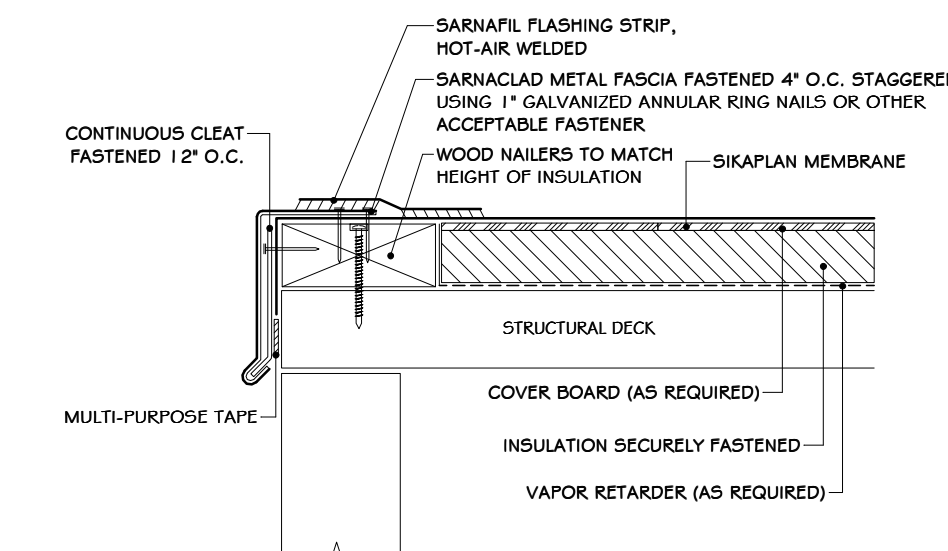
6 SIKAPLAN HIGHWALL FLASHING  
6" = 1'-0"



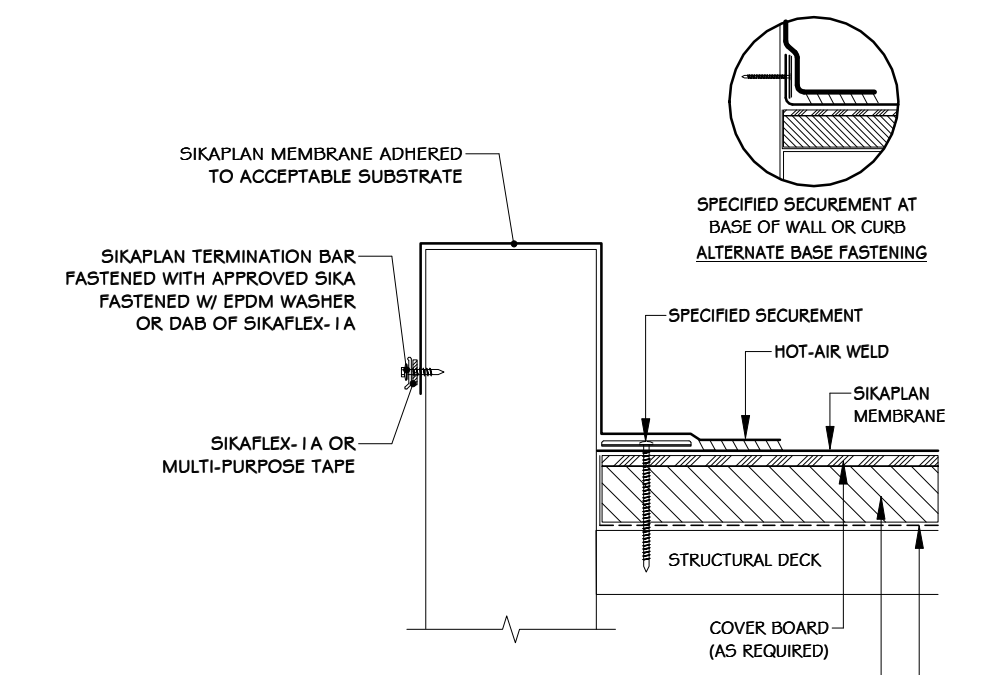
7 SIKAPLAN PARAPET WALL TERMINATION  
6" = 1'-0"



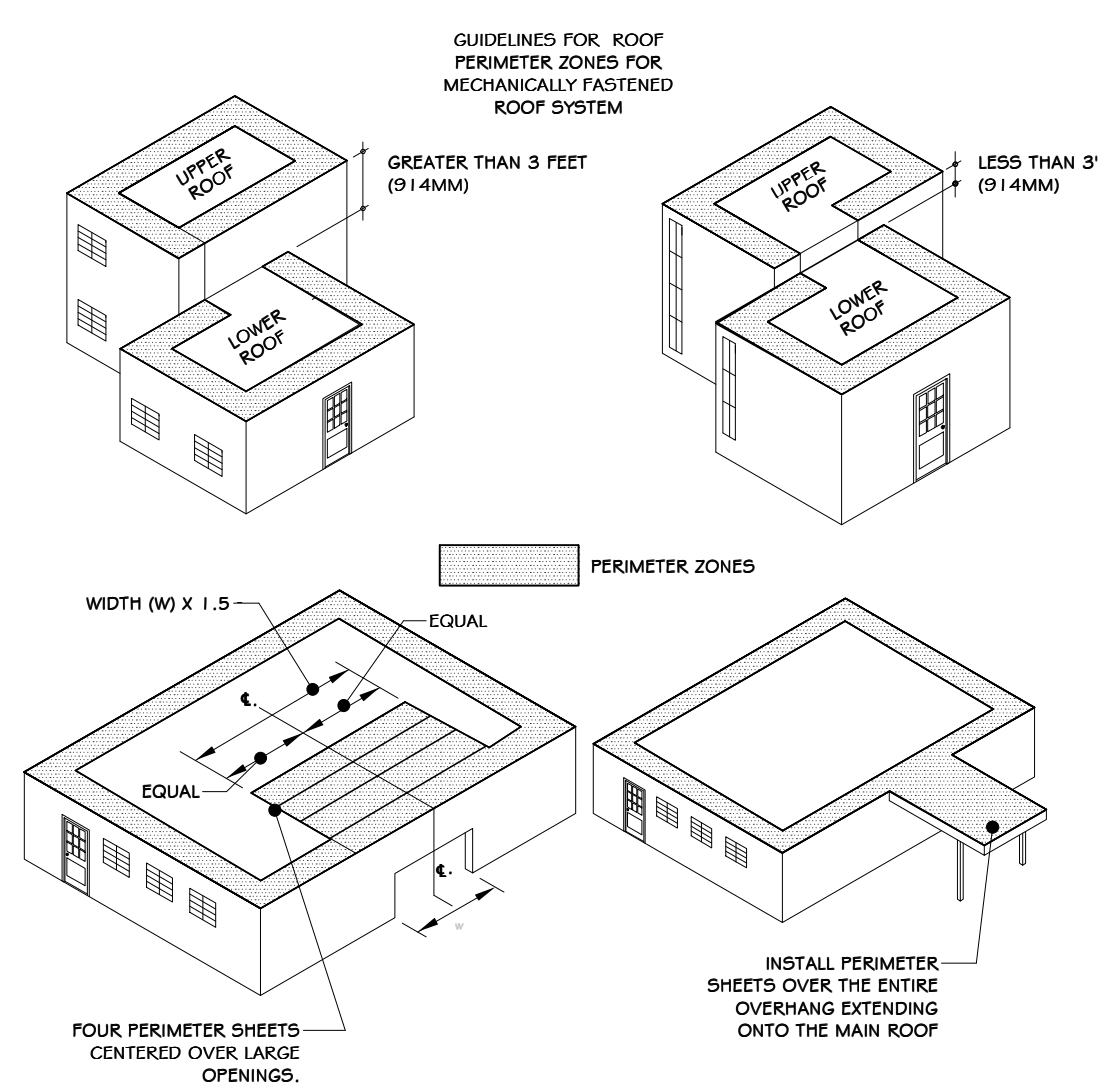
8 SIKAPLAN ROOF EDGE DETAIL  
6" = 1'-0"



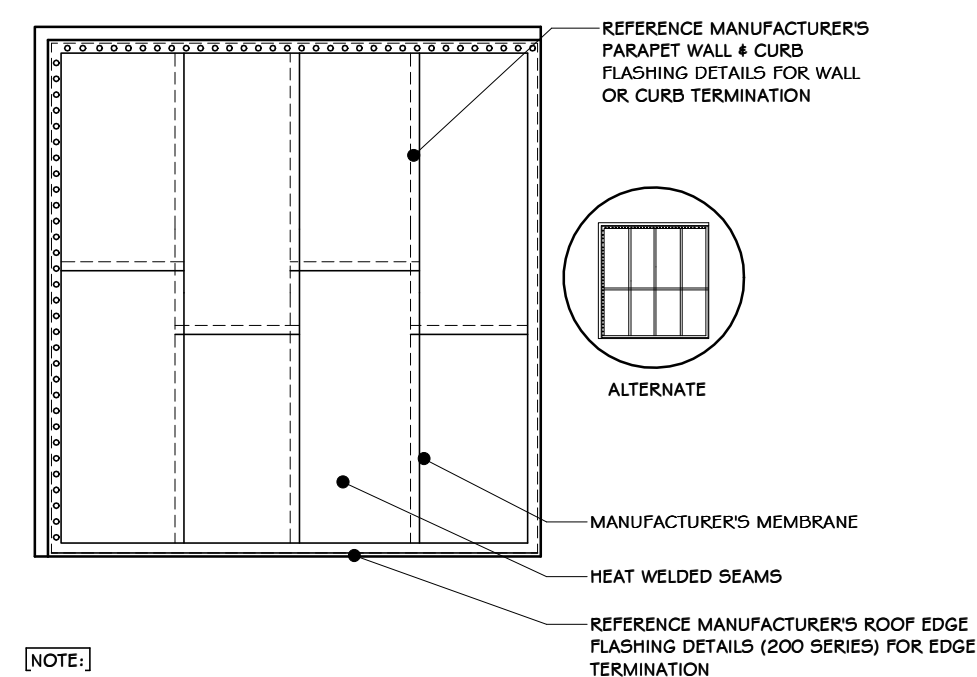
9 SIKAPLAN SARNA-CLAD METAL EDGE  
6" = 1'-0"



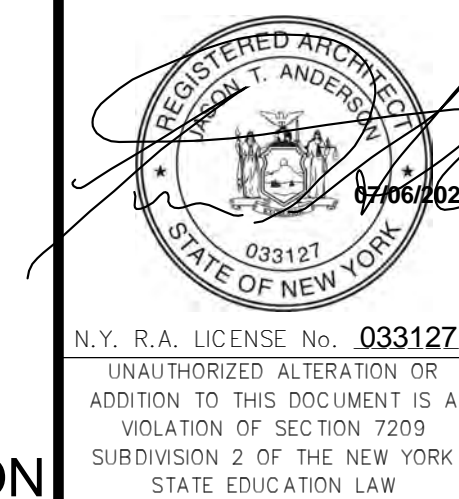
10 SIKAPLAN WALL/EDGE TERMINATION  
6" = 1'-0"



11 ROOF PERIMETER ZONES  
3" = 1'-0"



12 ROOF MEMBRANE LAYOUT  
3/4" = 1'-0"



REV	DESCRIPTION	DATE
01	ISSUED FOR RFP	07/06/21
02	REVISED FOR RFP ADDENDUM 6	07/25/21
03	ISSUED FOR RFP	07/06/21
04	DESCRIPTION	07/06/21
05	DESCRIPTION	07/06/21
06	DESCRIPTION	07/06/21
07	DESCRIPTION	07/06/21
08	DESCRIPTION	07/06/21
09	DESCRIPTION	07/06/21
10	DESCRIPTION	07/06/21

DRAWN	BY	DATE	PROJ. No:	SCALE:
CHECKED	ADG	07/06/21	499-010	AS SHOWN
DESIGNED	ADG	07/06/21	NO:	A-606
APPROVED	ADG	07/06/21	CAD FILE:	
APPROVED			SHEET SIZE:	D-24x36

**STERLING**  
Sterling Environmental Engineering, P.C.

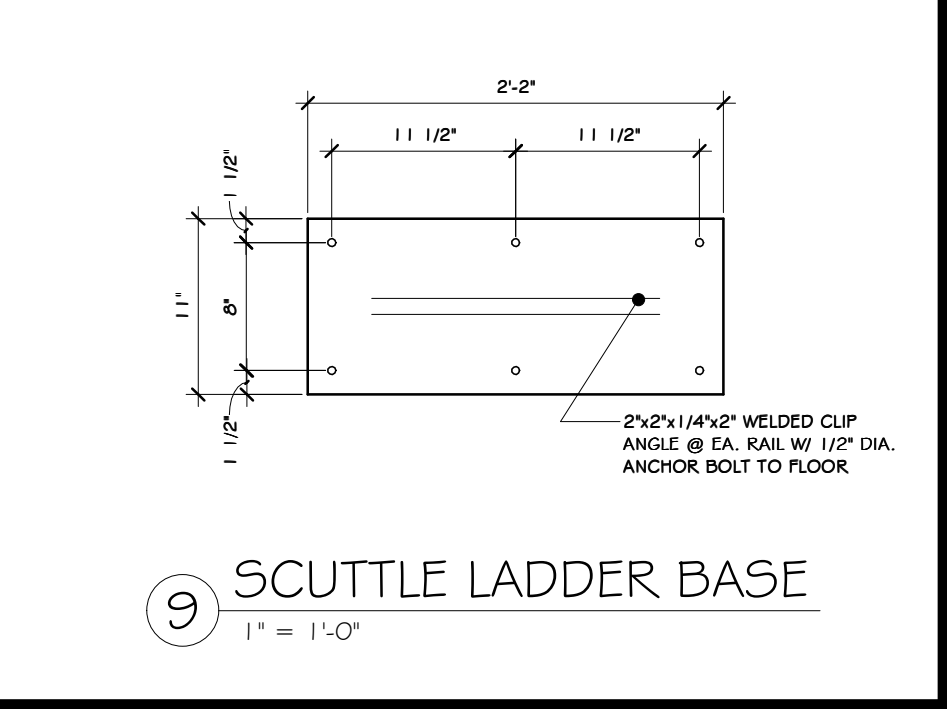
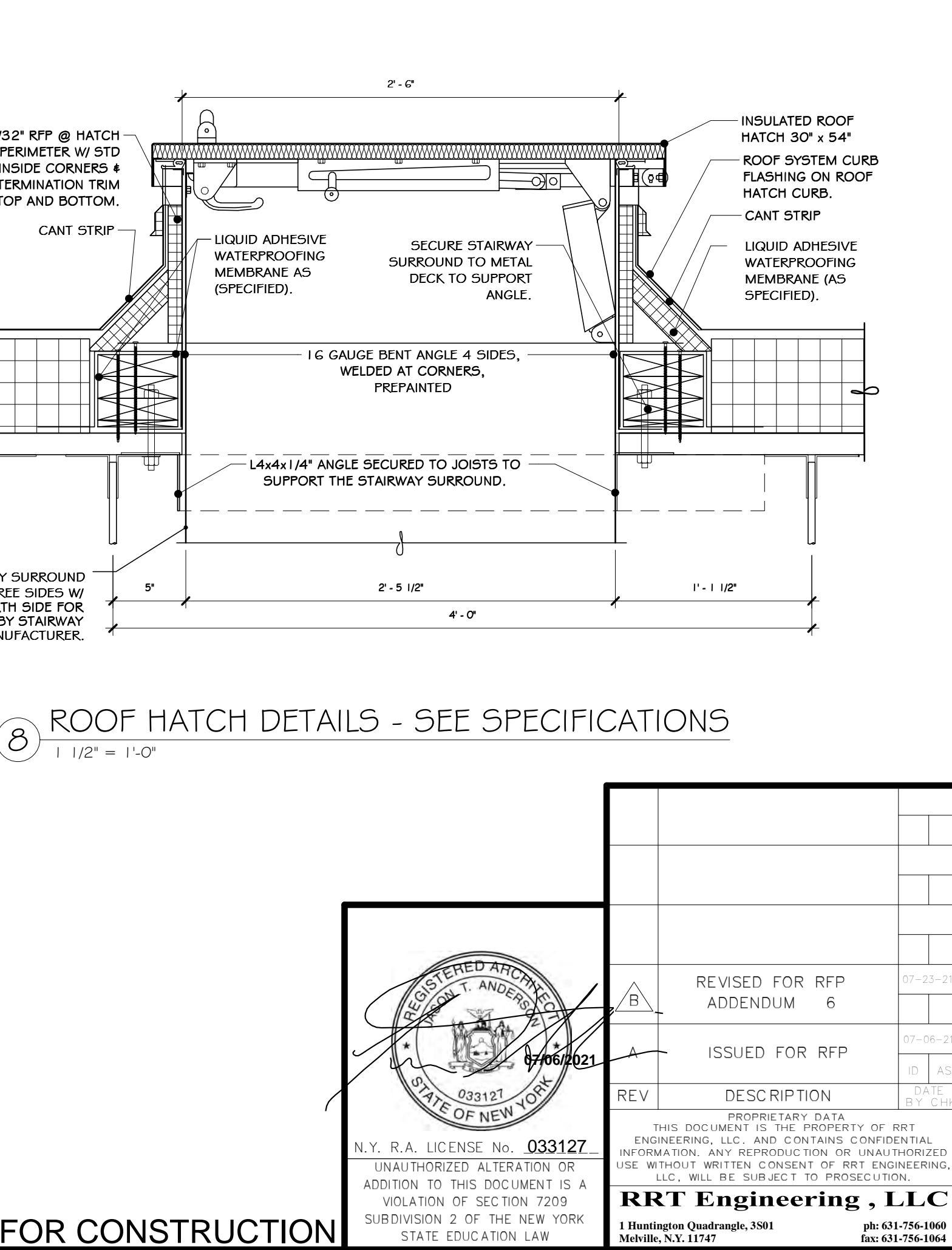
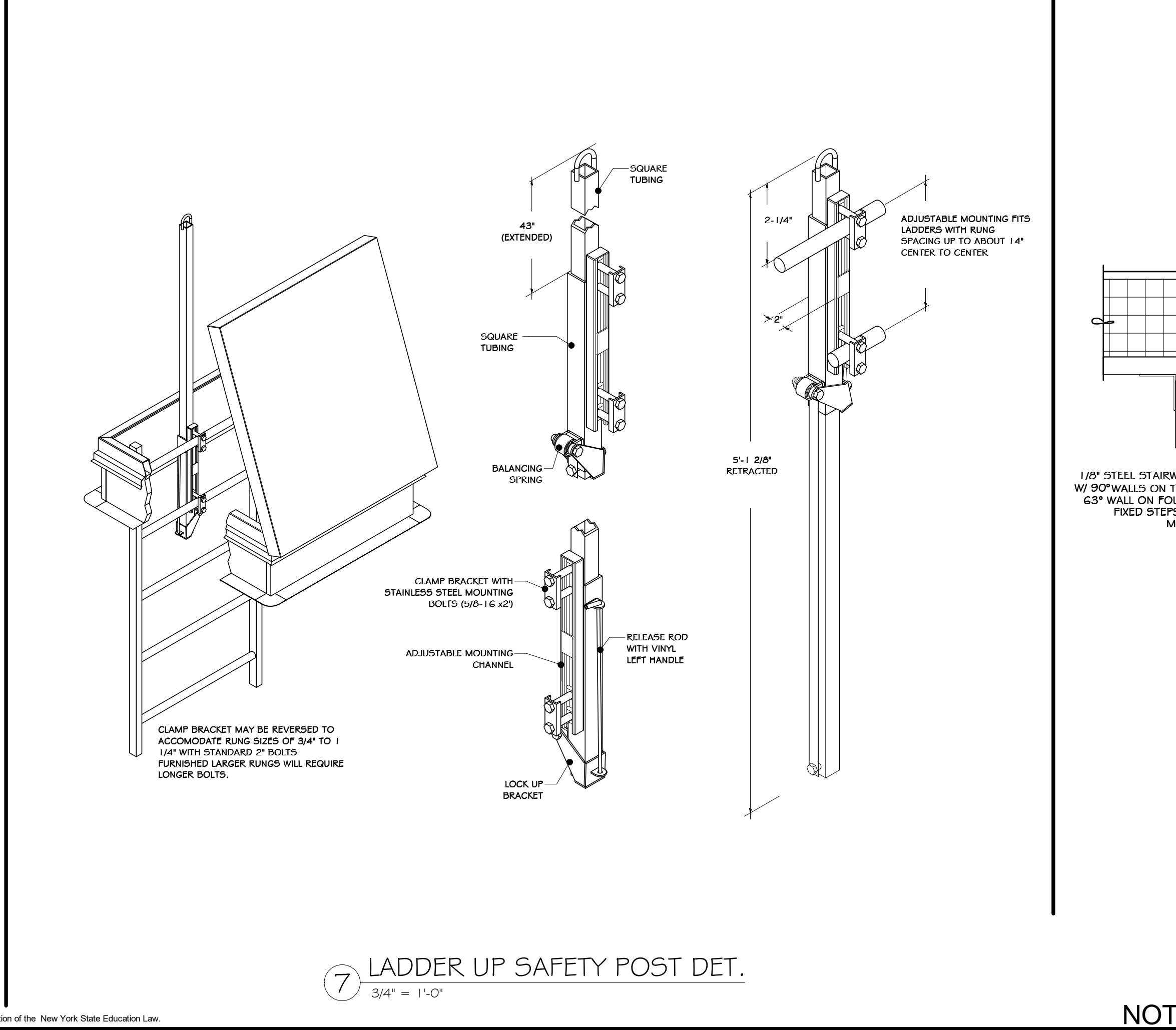
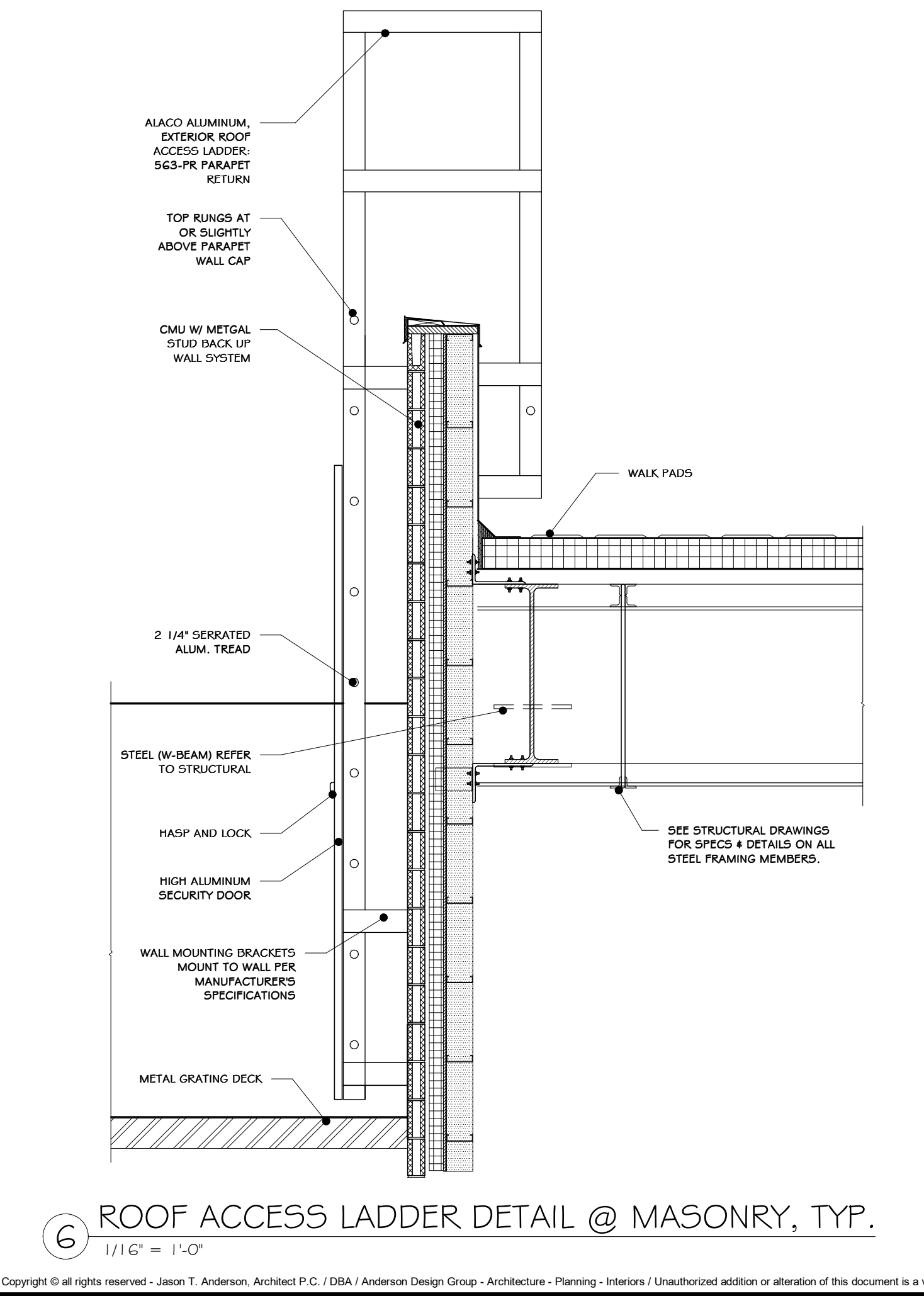
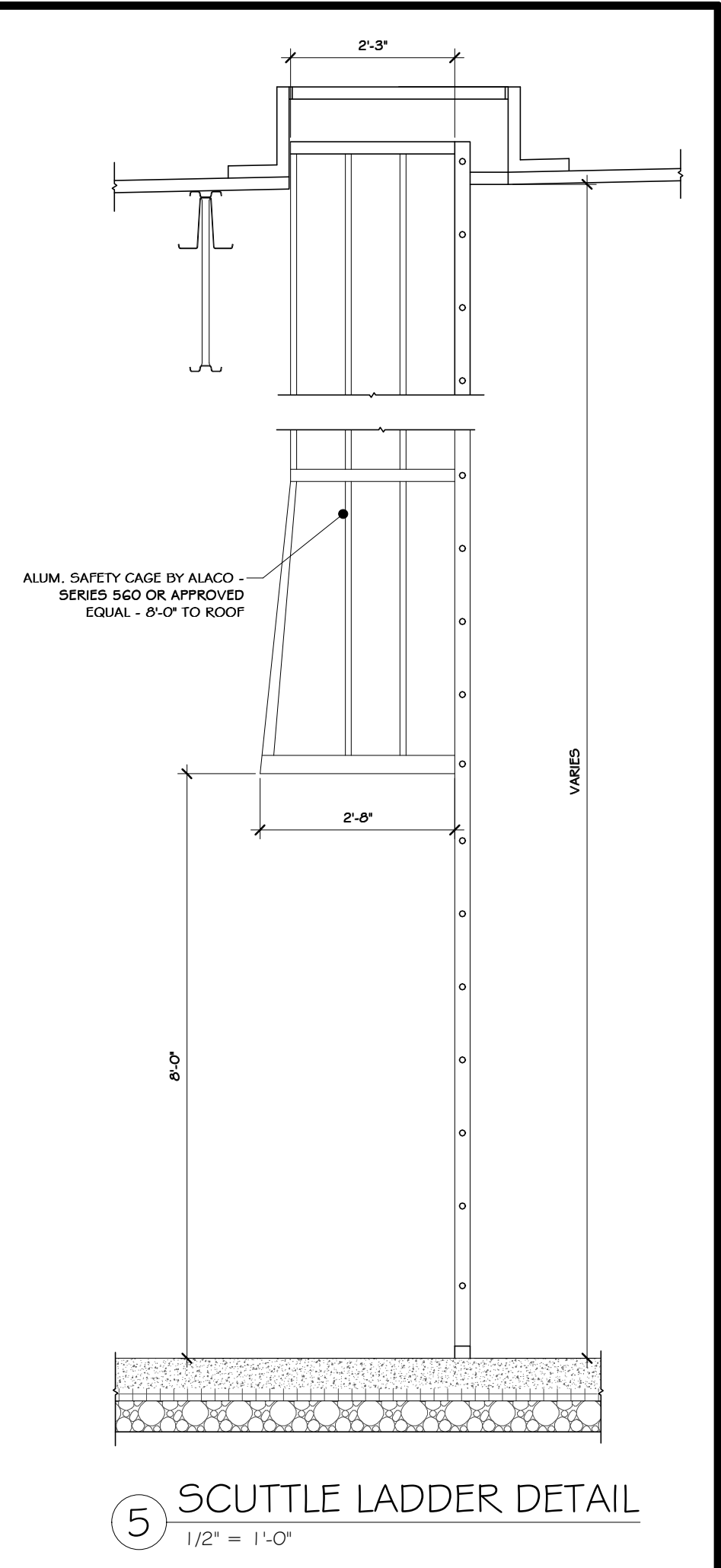
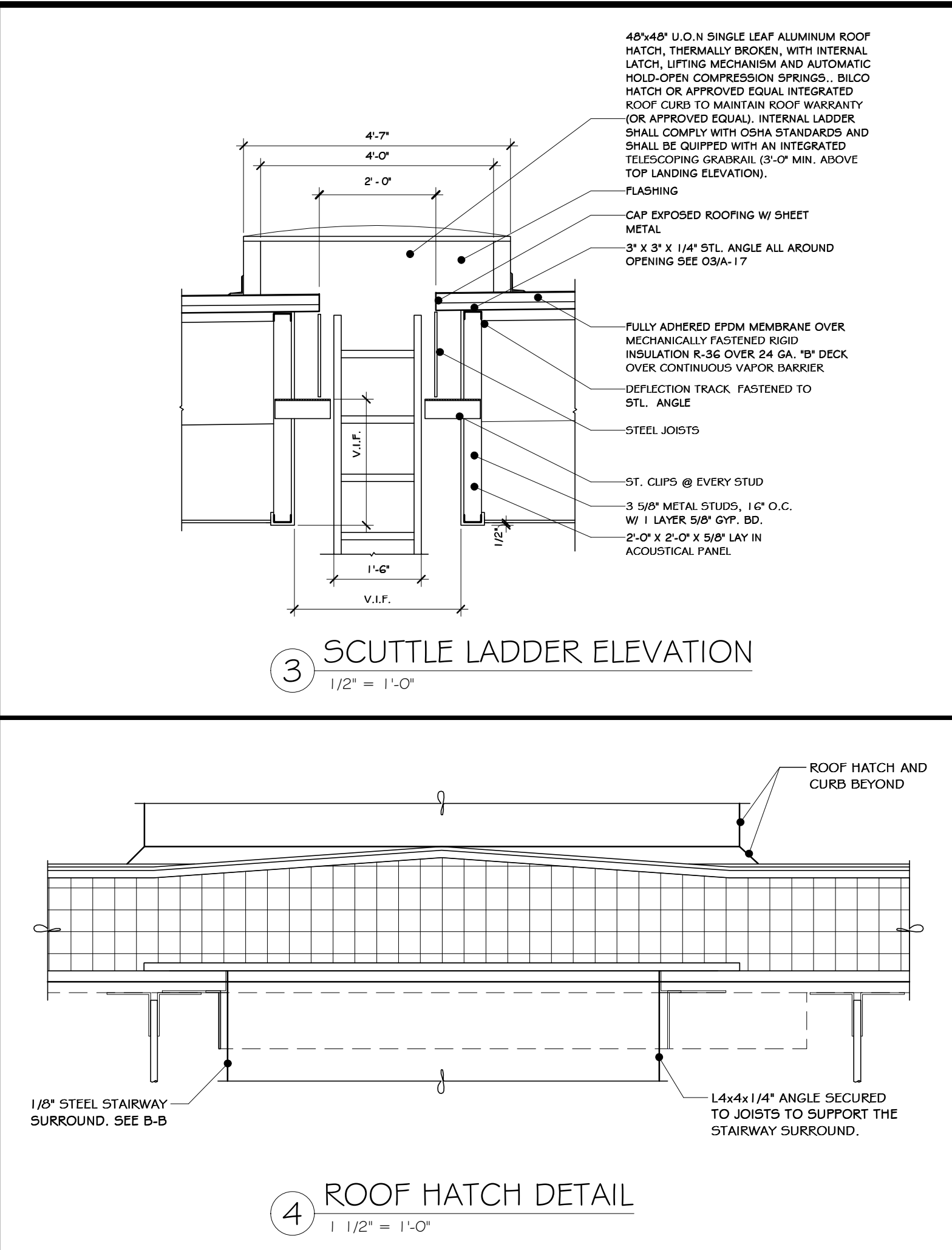
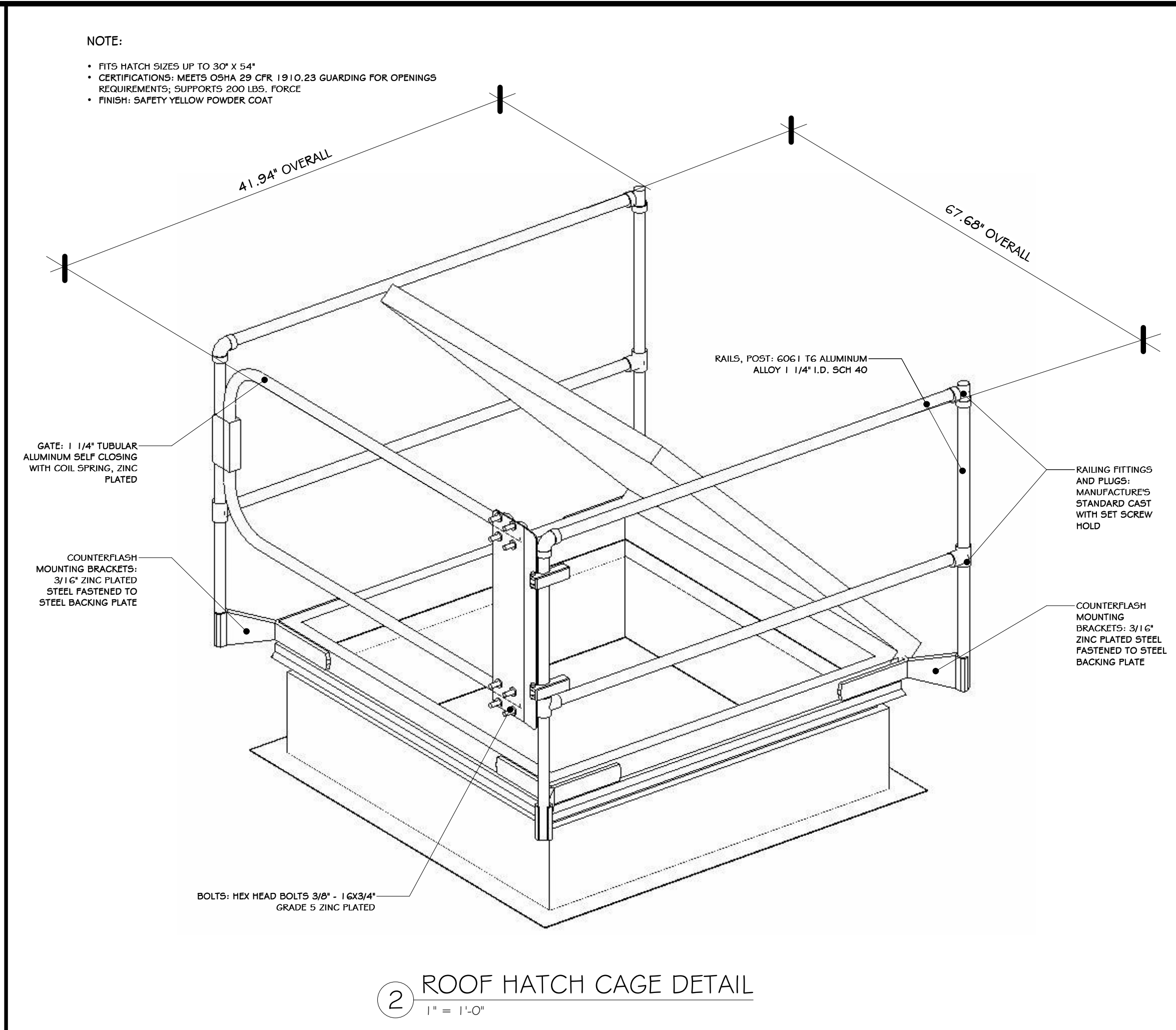
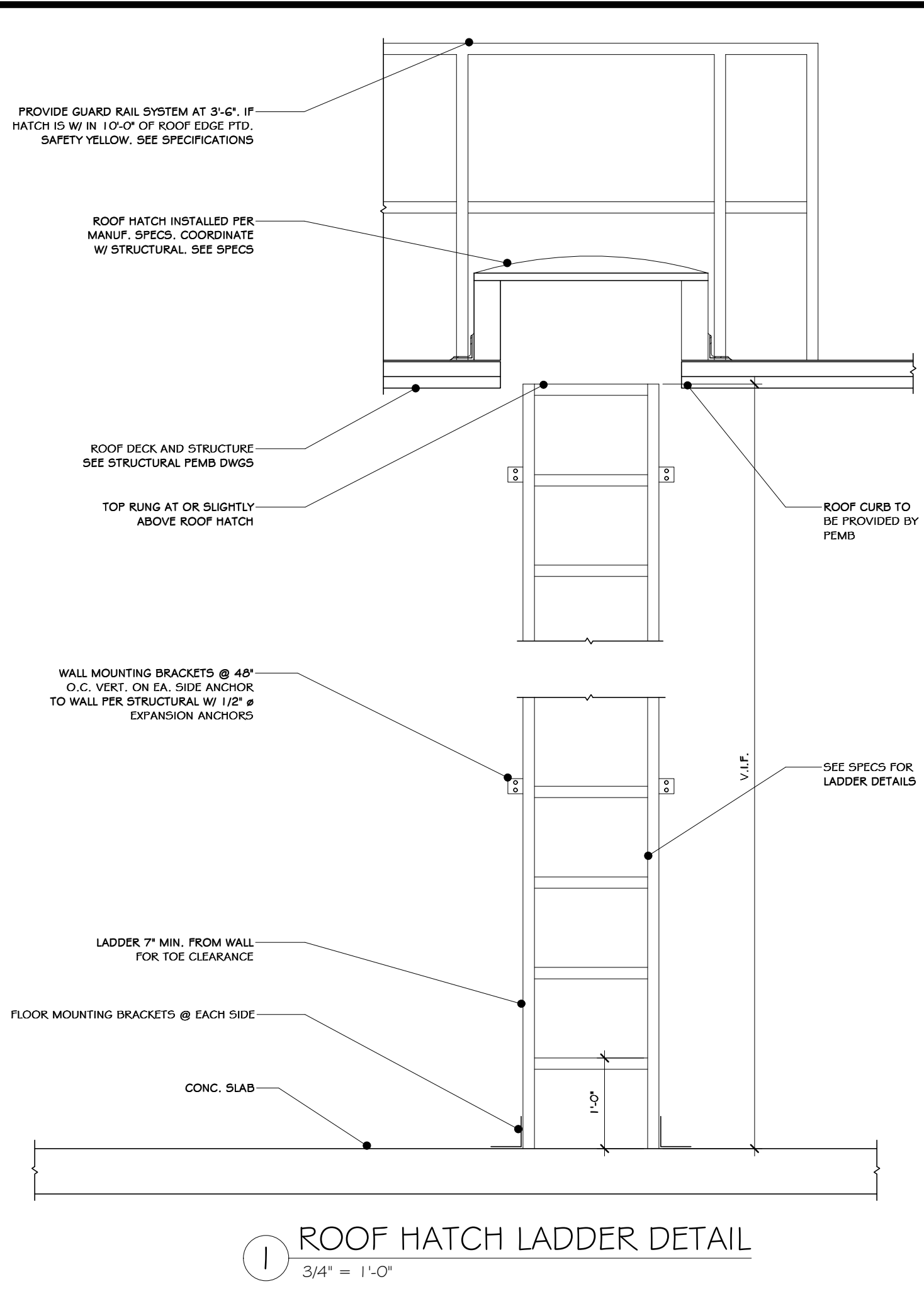
**martin rogers**  
ENGINEERING CONSULTANTS  
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1.570.825.1000 | 1.570.825.0888 | www.mrspc.com

**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING  
INTERIORS

**RRT Engineering, LLC**  
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NY COA # 0017967

**ROCKLAND GREEN**  
MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**ROOFING DETAILS**



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1.570.825.1000 | 1.570.825.0888 | www.mrspc.com

ANDERSON DESIGN GROUP ARCHITECTURE PLANNING INTERIORS

REGISTERED ARCHITECT  
MICHAEL T. ANDERSON  
STATE OF NEW YORK  
033127  
07/06/2021

N.Y. R.A. LICENSE No. 033127

REVISOR: 07/25/21  
ADDENDUM 6

ISSUED FOR RFP  
07/06/21

REV. DESCRIPTION  
BY: CLP

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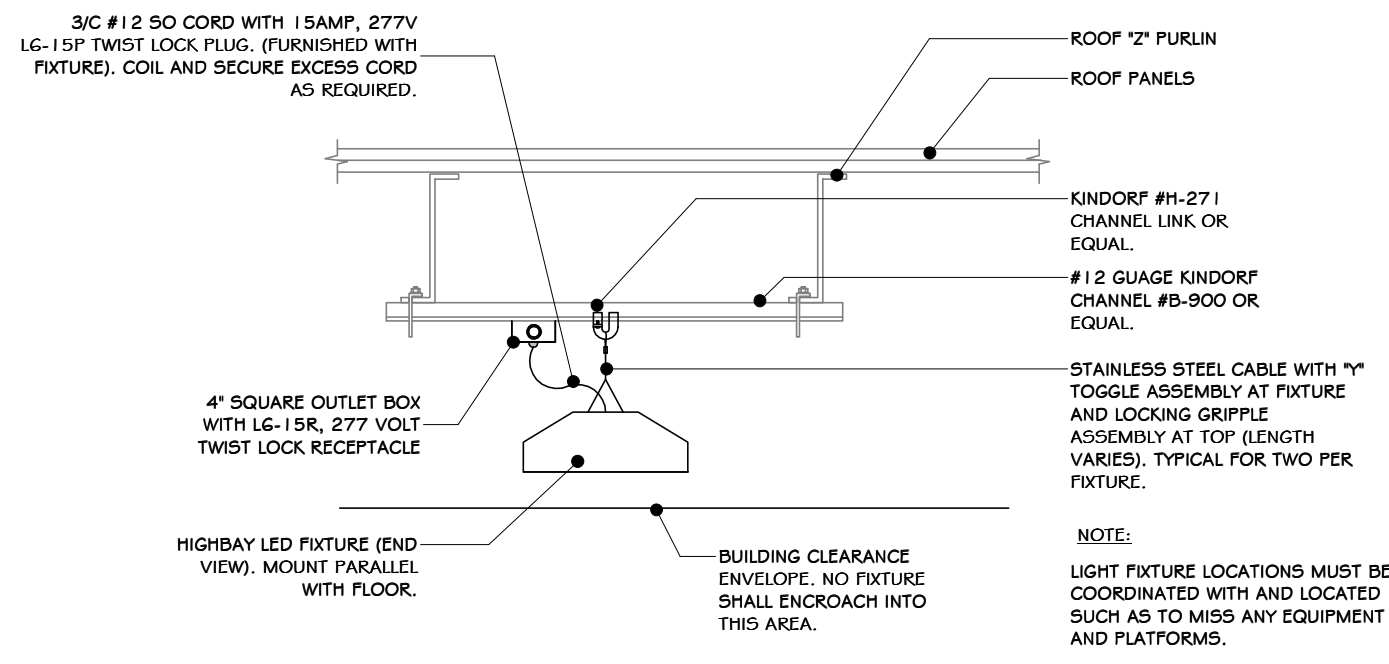
**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

**Rockland Green**

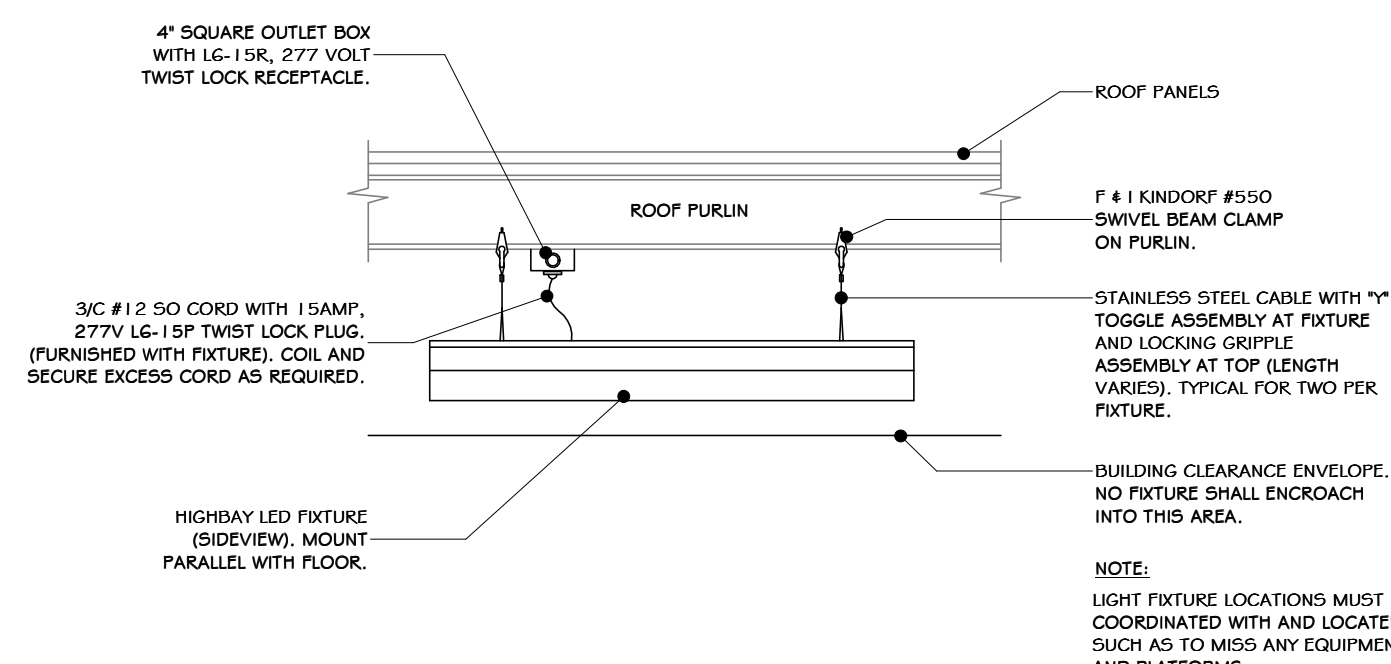
ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**ROOF LADDER DETAILS**

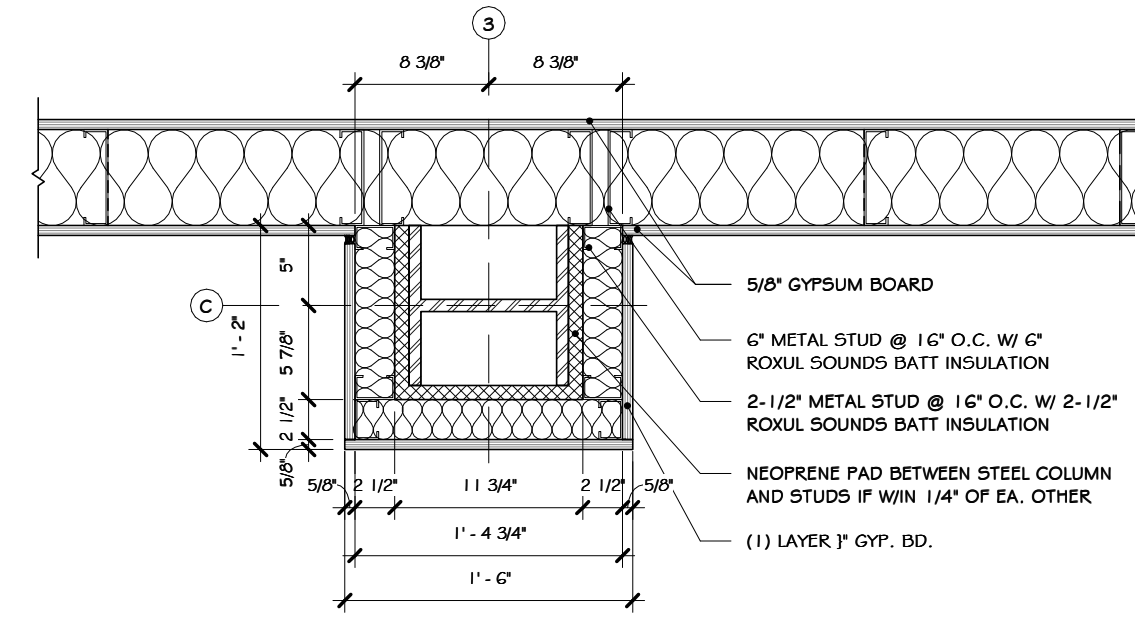
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CHECKED	ADG	DATE	07/06/21	DWG. NO.:	A-607		A
DESIGNED	ADG	DATE	07/06/21	CAD FILE:			
APPROVED	ADG	DATE	07/06/21	SHEET SIZE:	D-24x36		REV



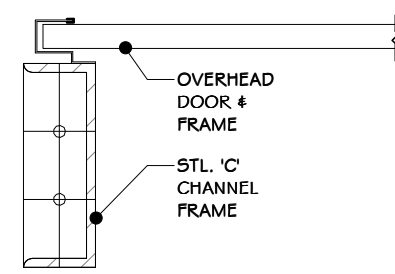
1 LIGHTING MOUNTED TO CHANNEL  
3/4" = 1'-0"



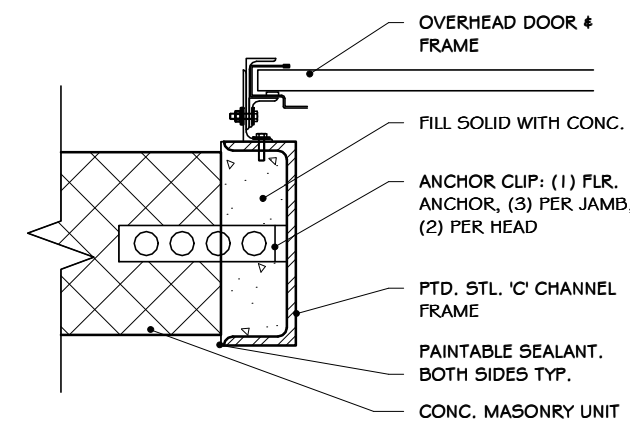
2 LIGHTING MOUNTED FROM PURLIN  
3/4" = 1'-0"



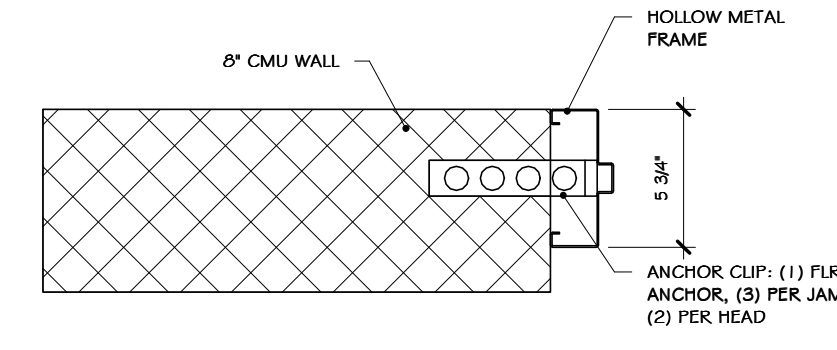
3 COLUMN-WALL COVERING DETAIL  
1" = 1'-0"



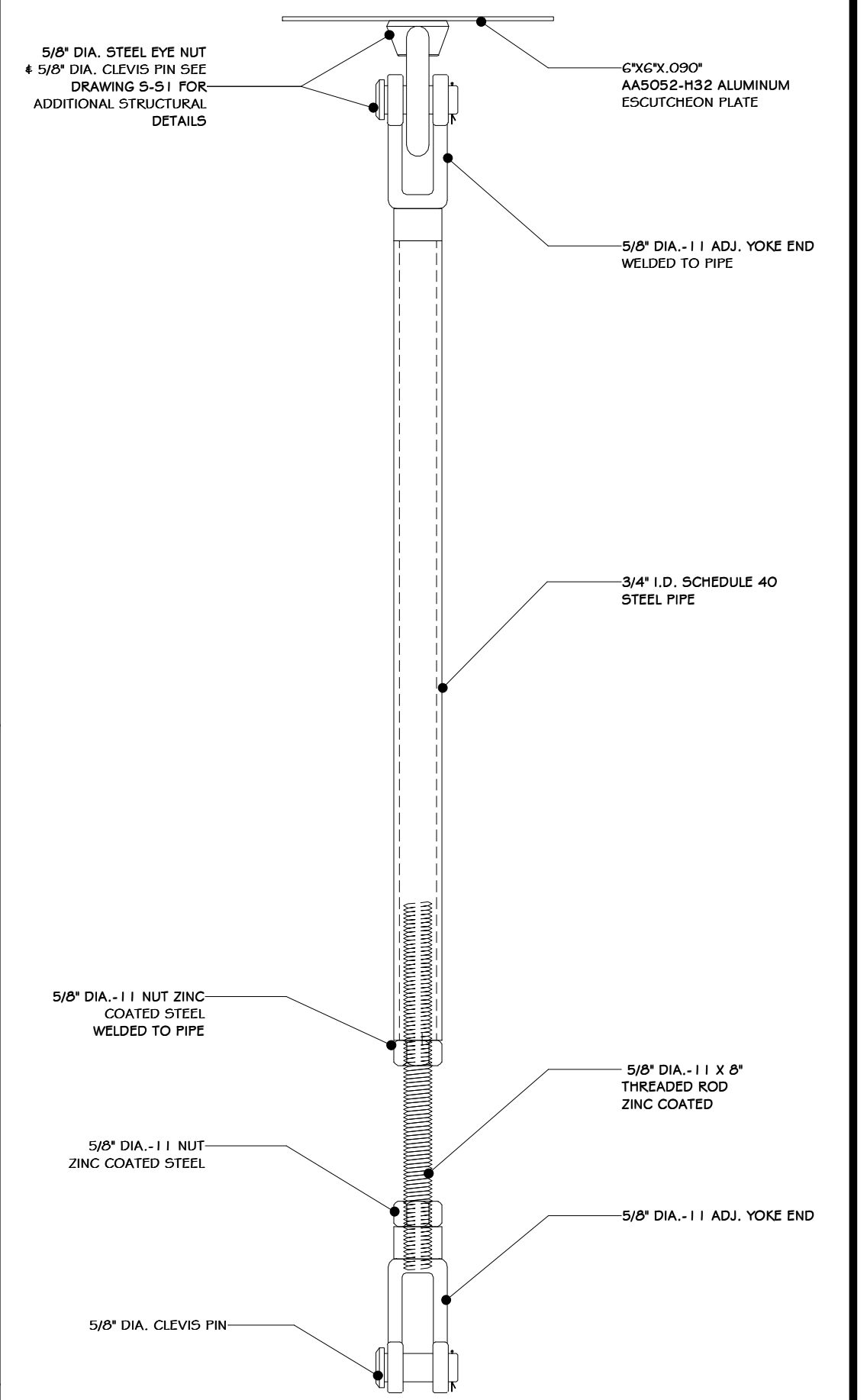
4 OVERHEAD DOOR JAMB DET. 2  
1 1/2" = 1'-0"



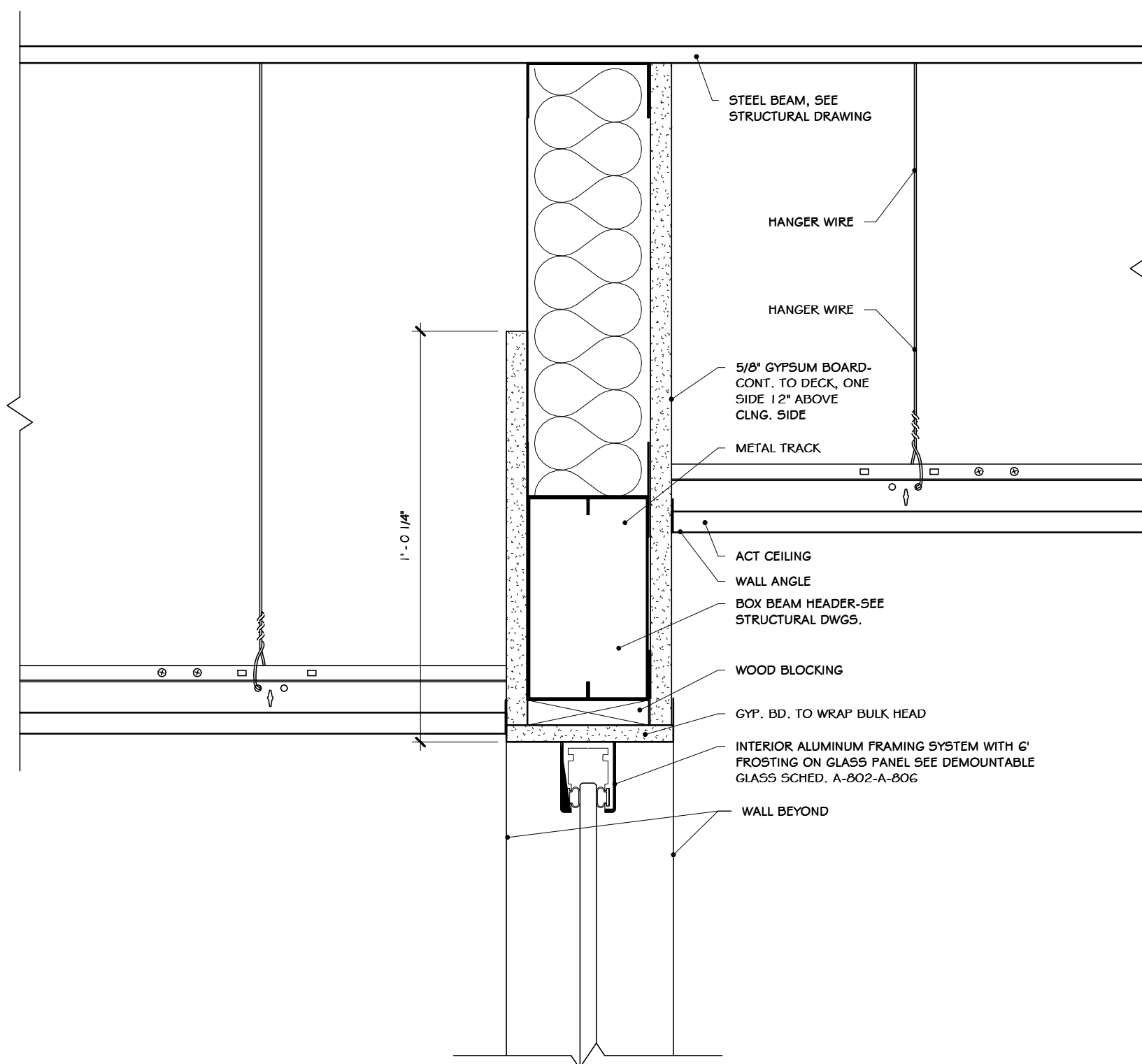
5 OVERHEAD DOOR JAMB DET. 1  
1 1/2" = 1'-0"



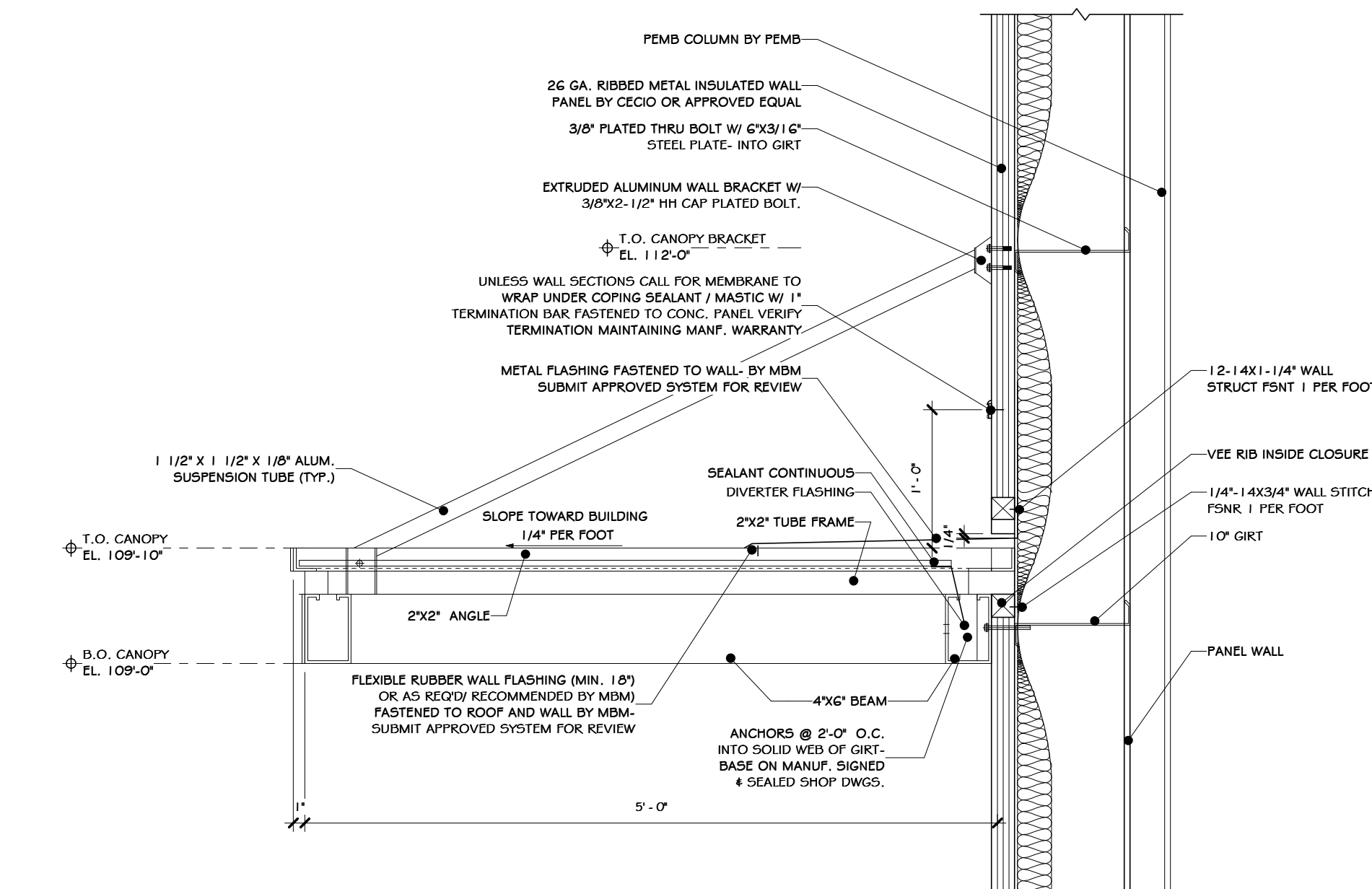
6 6 INCH METAL JAMB DETAIL  
1 1/2" = 1'-0"



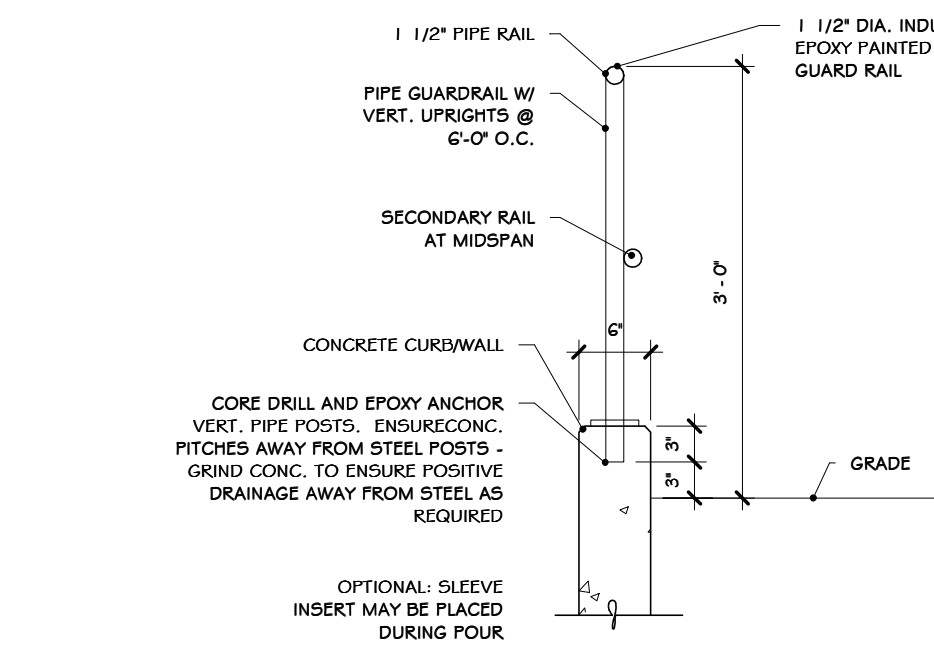
7 HANGER ROD ASSEMBLY  
1 1/2" = 1'-0"



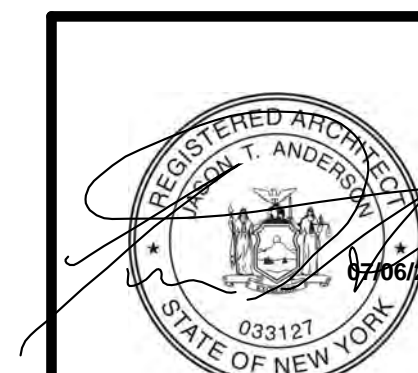
8 SECTION @ RAISED BULKHEAD  
3" = 1'-0"



9 CANOPY CONN. DETAIL  
1" = 1'-0"



10 DETAIL - INDUSTRIAL GUARD RAIL TYP.  
3/4" = 1'-0"



REV	DESCRIPTION	DATE	BY
6	REVISED FOR RFP ADDENDUM 6	07-25-21	ADG
5	ISSUED FOR RFP	07-06-21	ADG
4	PROPOSED	07-06-21	ADG
3	DESIGNED	07/06/21	ADG
2	APPROVED	07/06/21	ADG
1	APPROVED	07/06/21	ADG

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Methen, N.Y. 11757  
Tel: 631-756-1069  
Fax: 631-756-1064

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Sterling Environmental Engineering, P.C.

**martin rogers**  
ENGINEERING CONSULTANTS  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
1-570-826-1000 | 1-570-825-0888 | www.mrspc.com

**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING  
INTERIORS

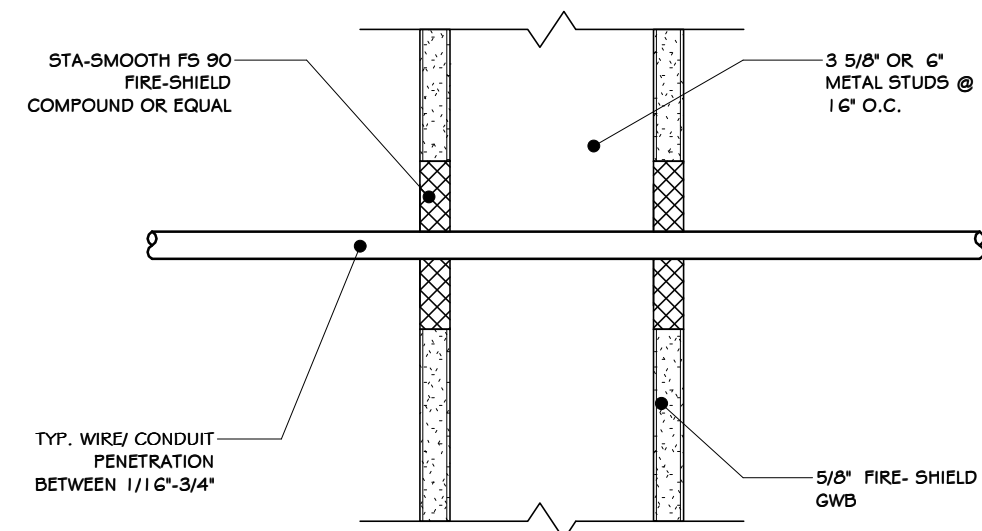
**RRT Engineering, LLC**  
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NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

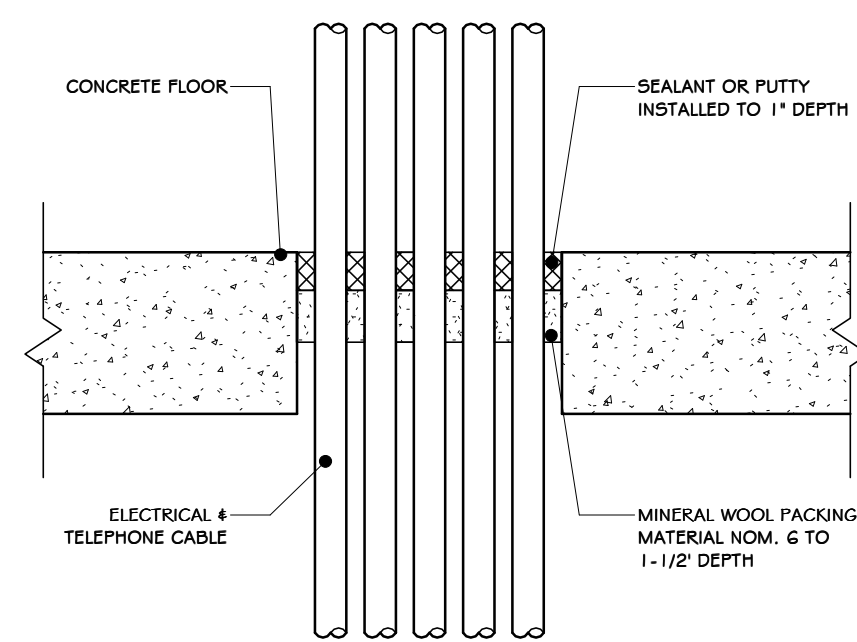
COMMERCIAL DETAILS

BY	DATE	PROJ. No:	SCALE:
ADG	07/06/21	499-010	AS SHOWN
ADG	07/06/21	DWG. NO: A-608	A
ADG	07/06/21	CAD FILE:	
ADG	07/06/21	SHEET SIZE: D-24x36	REV

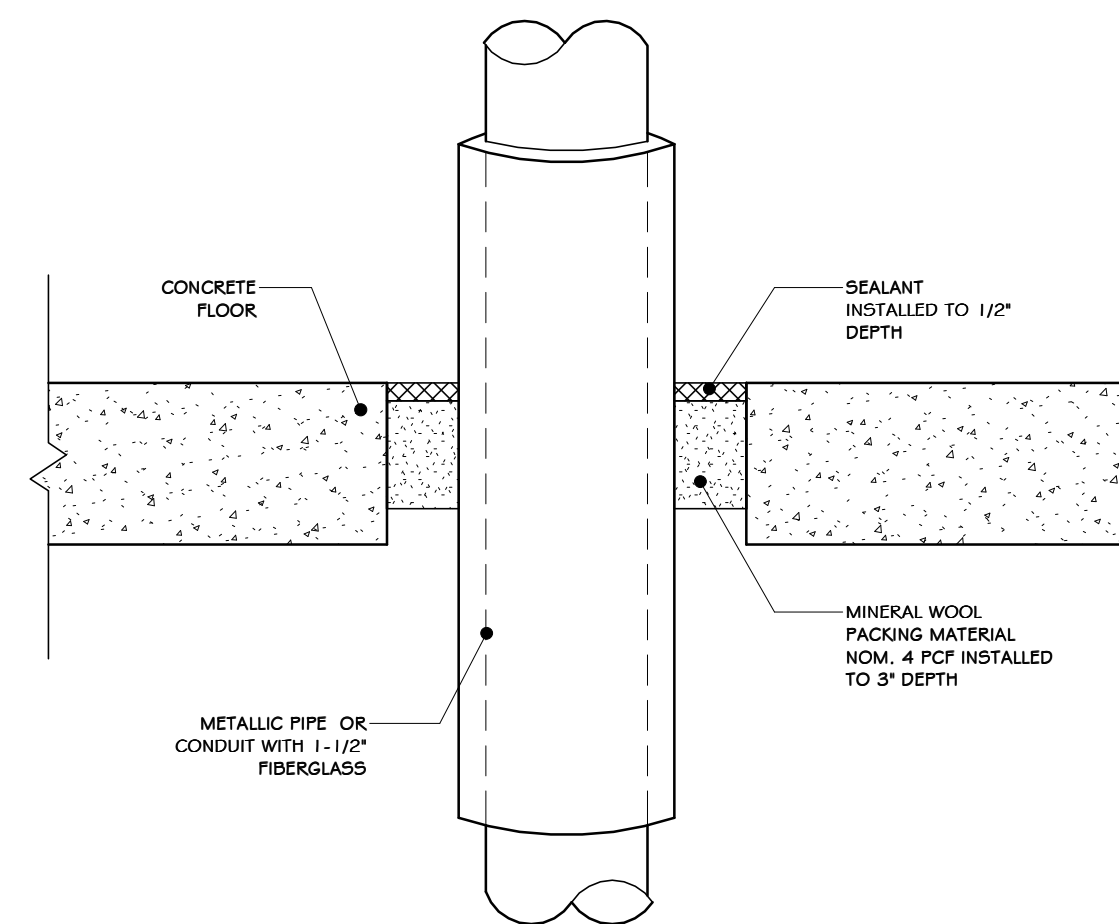
NOT FOR CONSTRUCTION



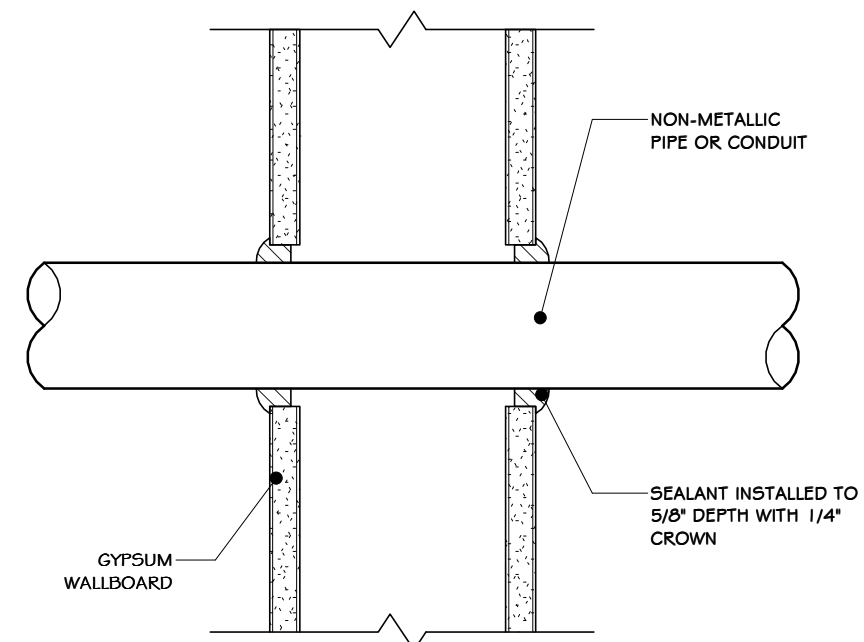
1 CONDUIT PENETRATION THROUGH  
3" = 1'-0"



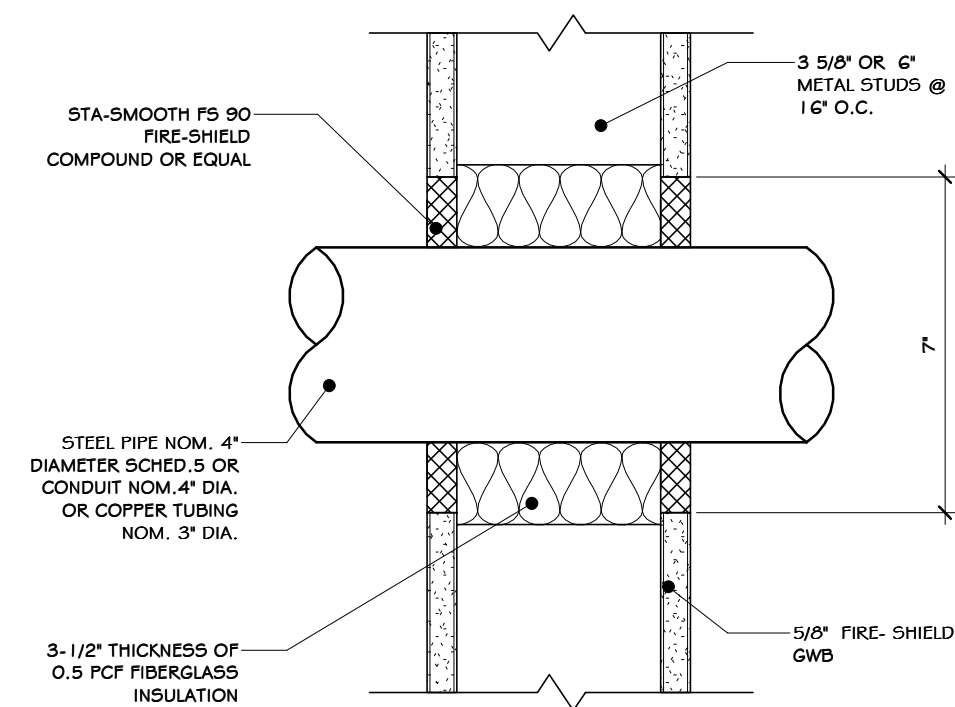
2 ELECTRICAL-TELEPHONE DATA CABLE  
3" = 1'-0"



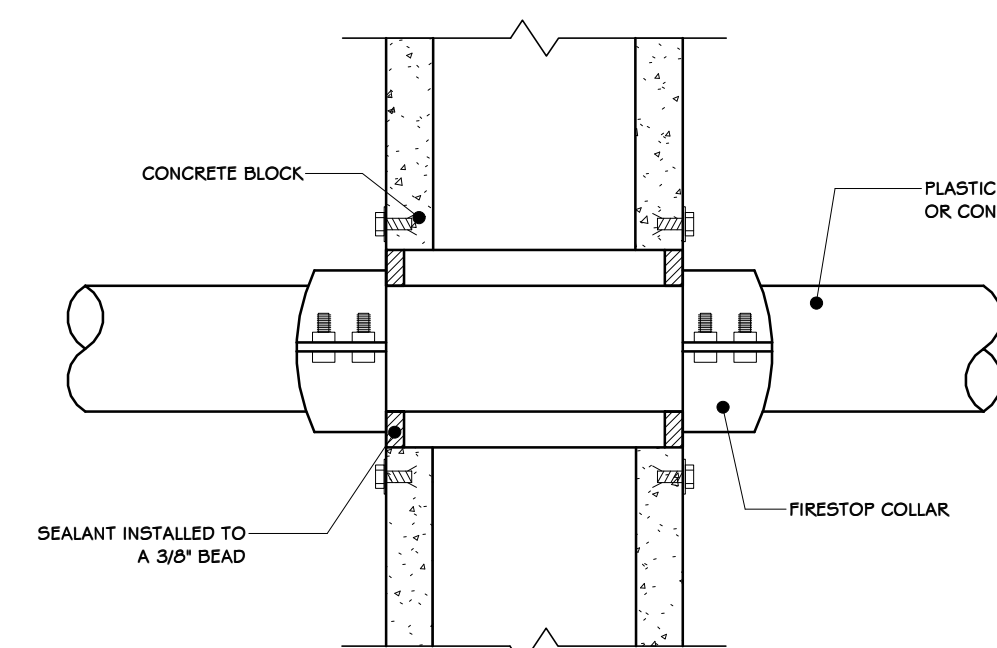
3 METALLIC PIPE- FIBERGLASS INSULATION - CONC. FLR.  
3" = 1'-0"



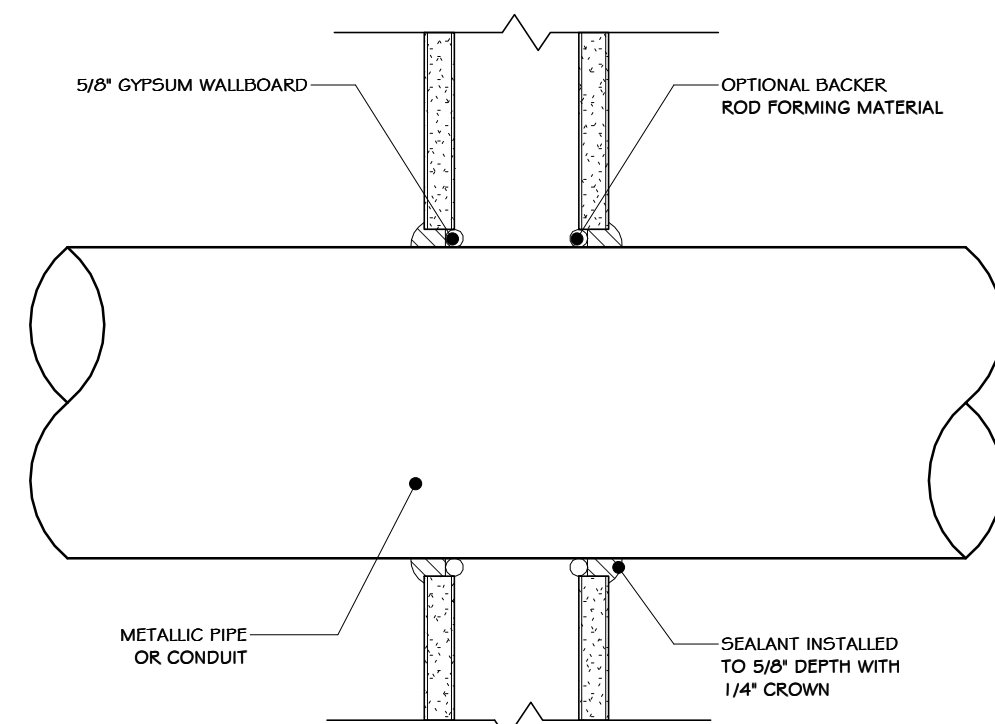
4 SMALL NON-METALLIC SUPPLY CONDUIT  
3" = 1'-0"



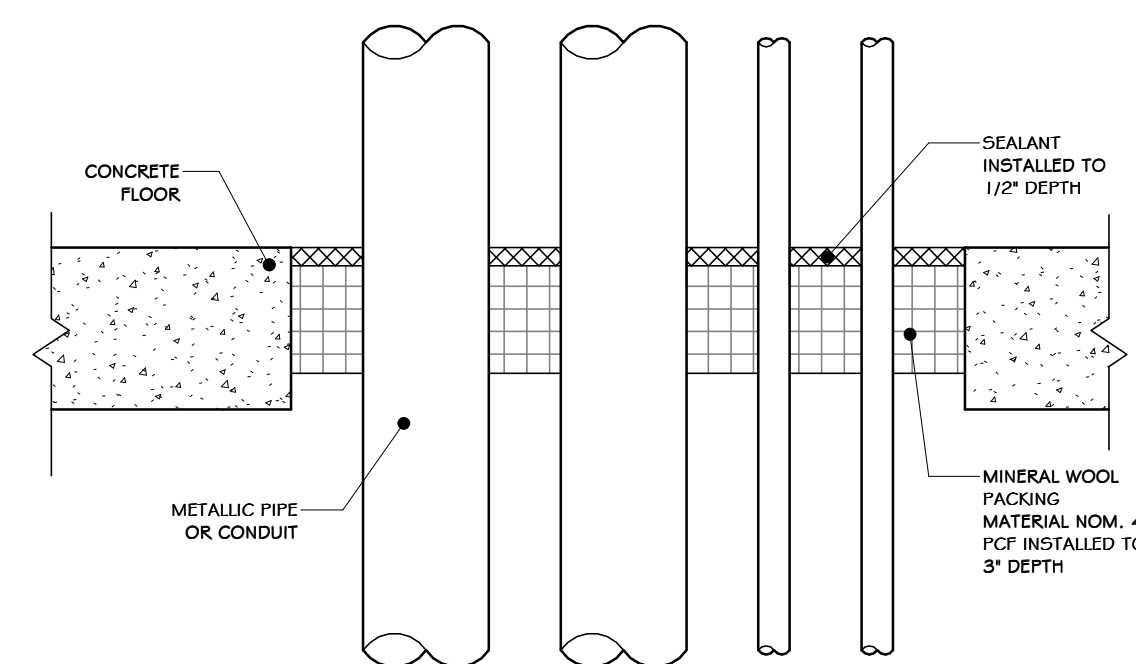
5 STEEL PIPE PENETRATION  
3" = 1'-0"



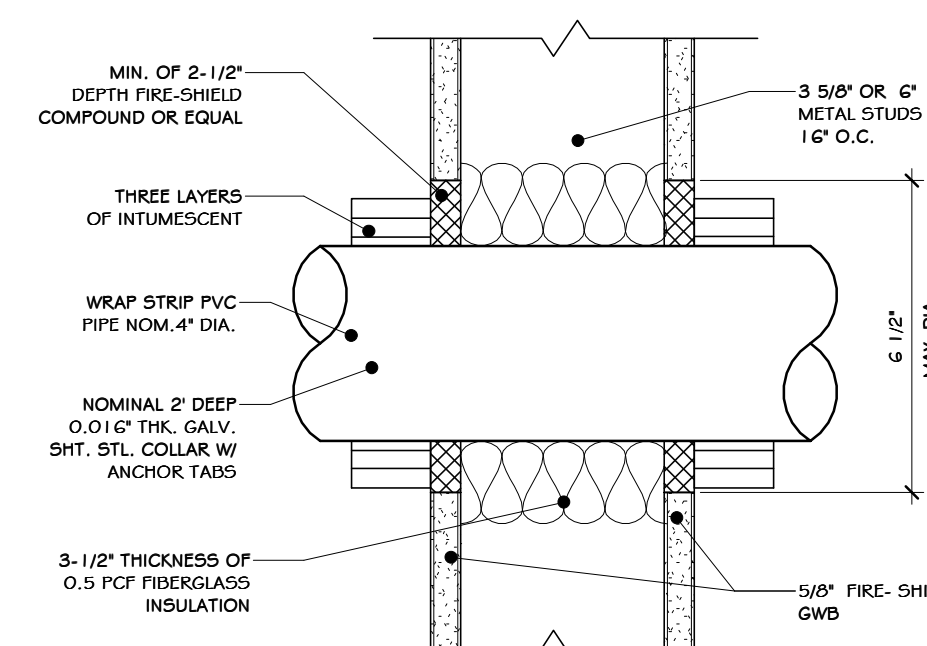
6 NON METALLIC SUPPLY CONDUIT  
3" = 1'-0"



7 METALLIC PIPE-GYPSUM WALLBOARD  
3" = 1'-0"



8 MULTIPLE PIPES-CONDUITS CONC. FLR.  
3" = 1'-0"



9 PVC PIPE PENETRATION THROUGH TEST  
3" = 1'-0"



REV	DESCRIPTION	DATE	BY
1	ISSUED FOR RFP	07-06-21	ADG
2	REVISED FOR RFP ADDENDUM 6	07-23-21	ADG
3	CHECKED	07/06/21	ADG
4	DESIGNED	07/06/21	ADG
5	APPROVED	07/06/21	ADG
6	APPROVED	07/06/21	ADG

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**martin rogers**  
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**ANDERSON DESIGN GROUP** ARCHITECTURE PLANNING INTERIORS

**RRT Engineering, LLC**  
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NY COA # 0017967

**Rockland Green**

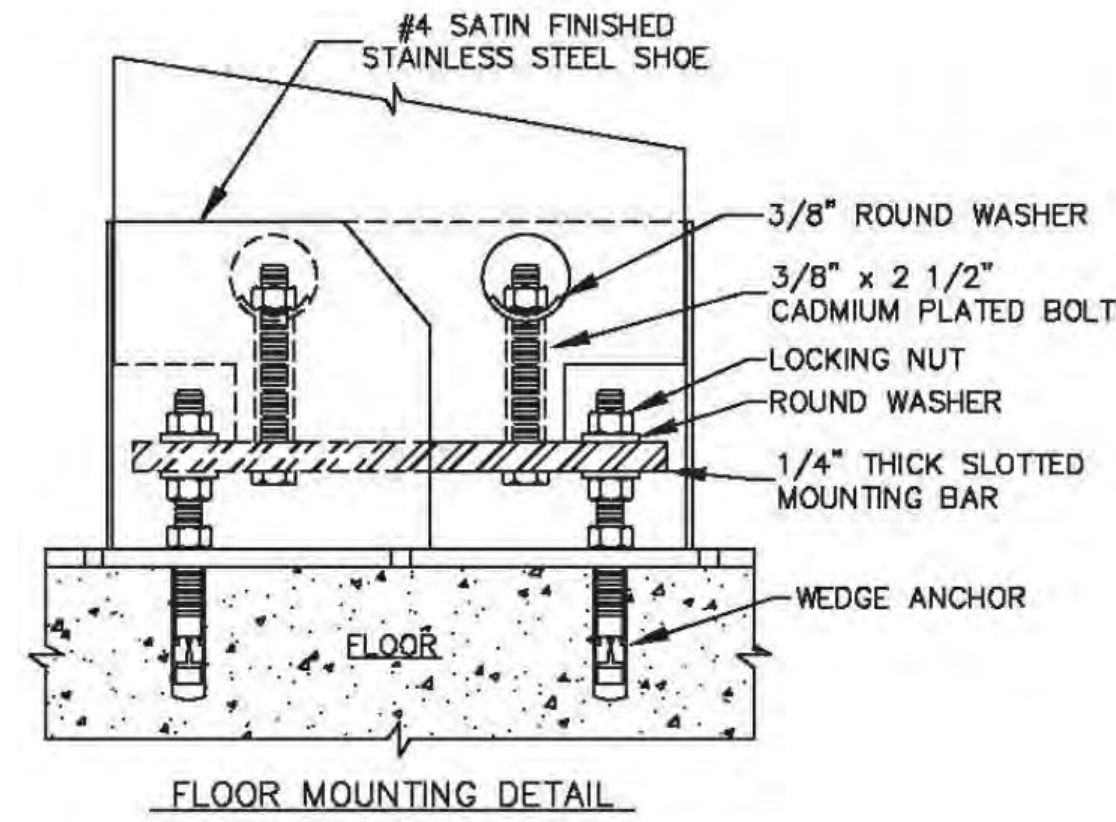
ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**CONDUIT DETAILS**

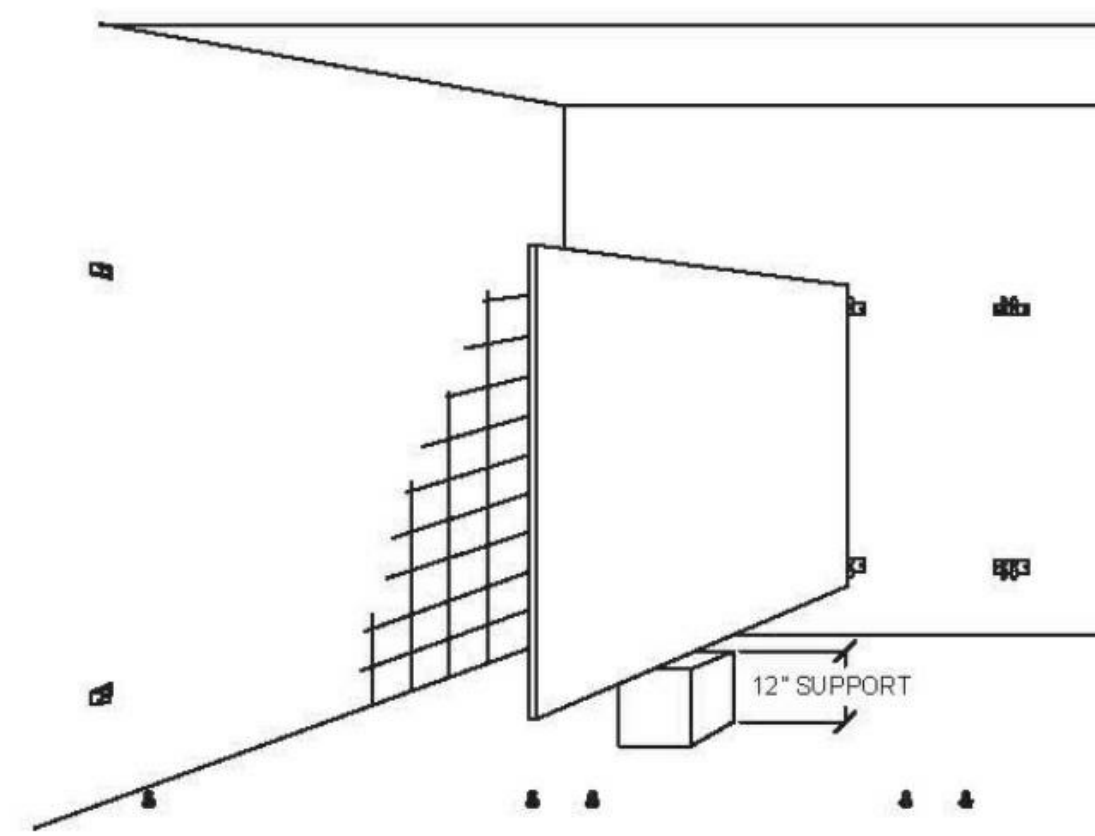
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CHECKED	ADG	DATE	07/06/21	DWG. NO.:	A-609		A
DESIGNED	ADG	DATE	07/06/21	CAD FILE:			
APPROVED	ADG	DATE	07/06/21	SHEET SIZE:	D-24x36		REV

NOT FOR CONSTRUCTION

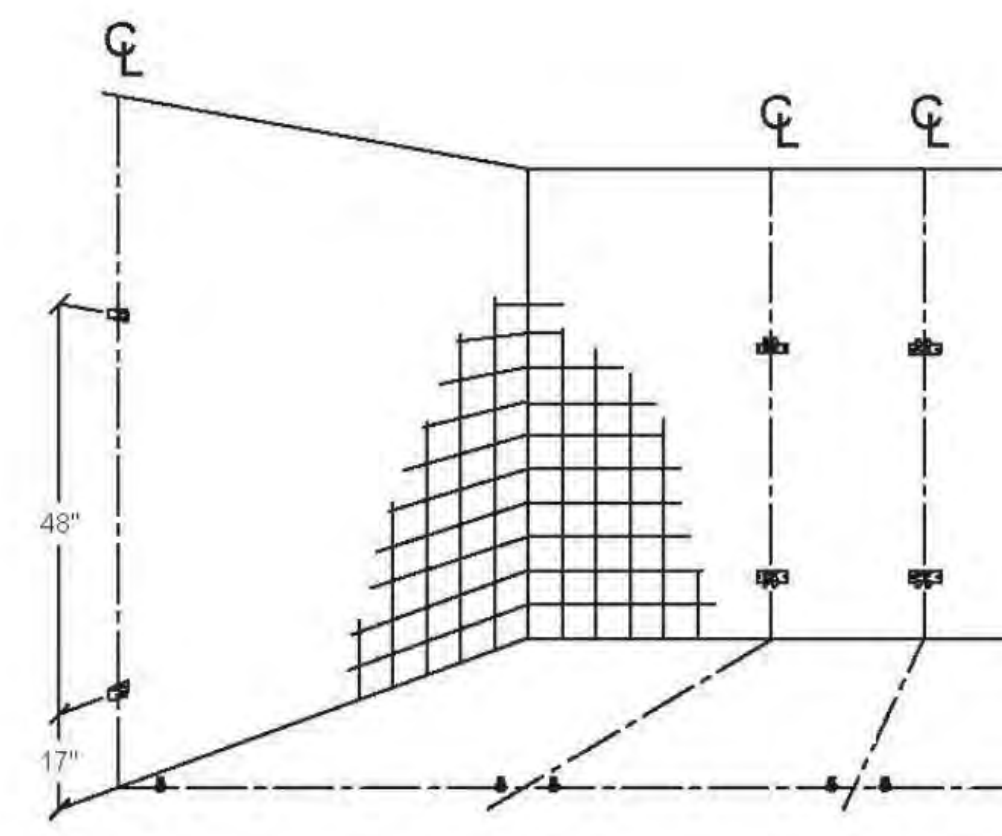




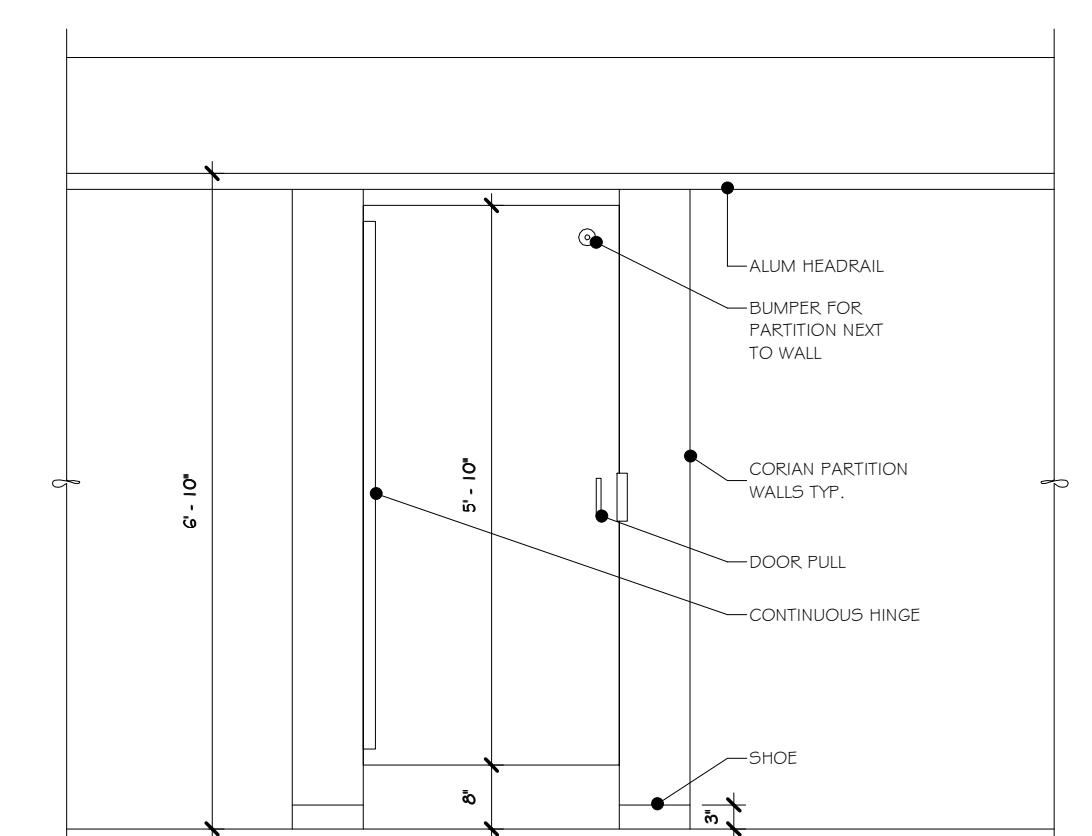
1 PILASTER INSTALLATION  
1/2" = 1'-0"



2 PANEL POSITION  
1/2" = 1'-0"



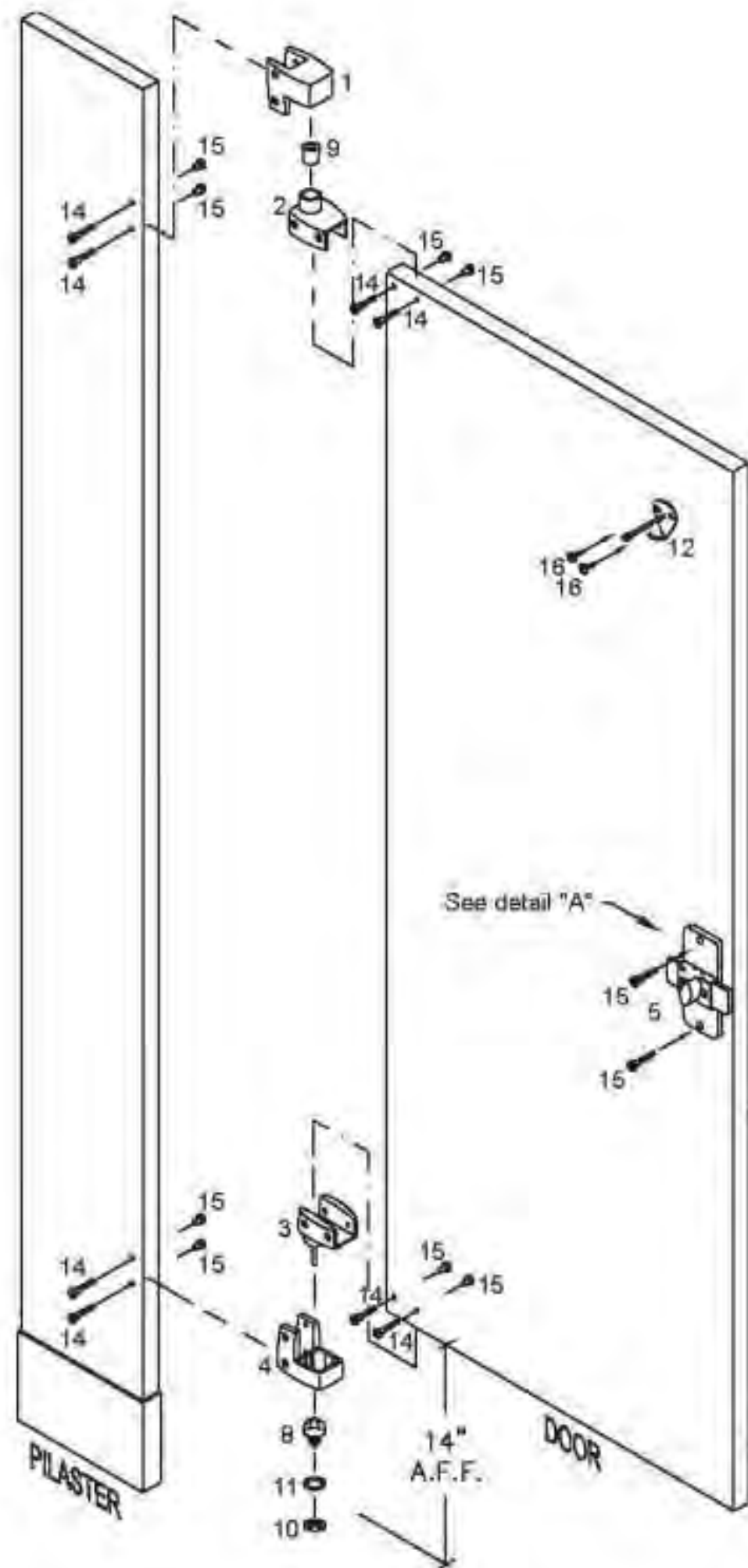
3 WALL BRACKETS AND FLOOR ANCHORS  
1/2" = 1'-0"



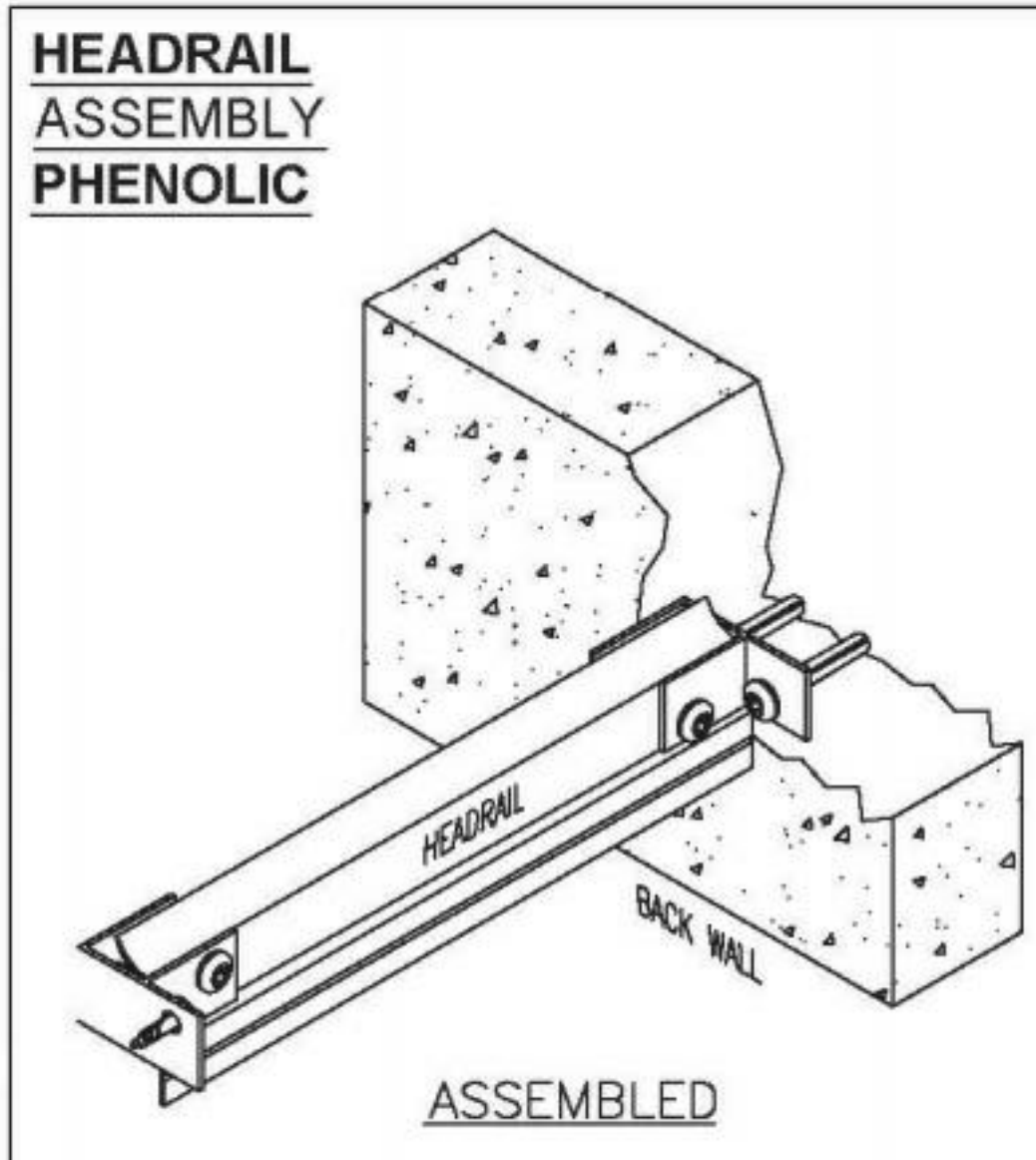
4 OUTSIDE ELEV. OF OUTSWING PARTITION  
1/2" = 1'-0"

Outswing Door Hardware Kit (P/N 8571006) Includes:  
Brushed Finish

PART ID.	DESCRIPTION	QTY
1	Vault Hinge Top Pilaster Side	(1)
2	Vault Hinge Top Door Side	(1)
3	Vault Hinge Bottom Door Side	(1)
4	Vault Hinge Bottom Pilaster Side	(1)
5	Side Latch Brushed Finish	(1)
6	Outswing Slide Latch Keeper	(1)
7	Pull Handle	(1)
8	Cam Adjusting Bottom Hinge	(1)
9	Bushing Nylon Top Hinge	(1)
10	Nut Adjusting Bottom Hinge	(1)
11	Hinge Washer Internal	(1)
12	Bumper And Coathook	(1)
13	Bumper	(1)
14	Vandal Resistant Step Bolt	(10)
15	Vandal Resistant Barrel Nut 3/8"	(10)
16	Vandal Resistant 5/8" S.M.S	(4)

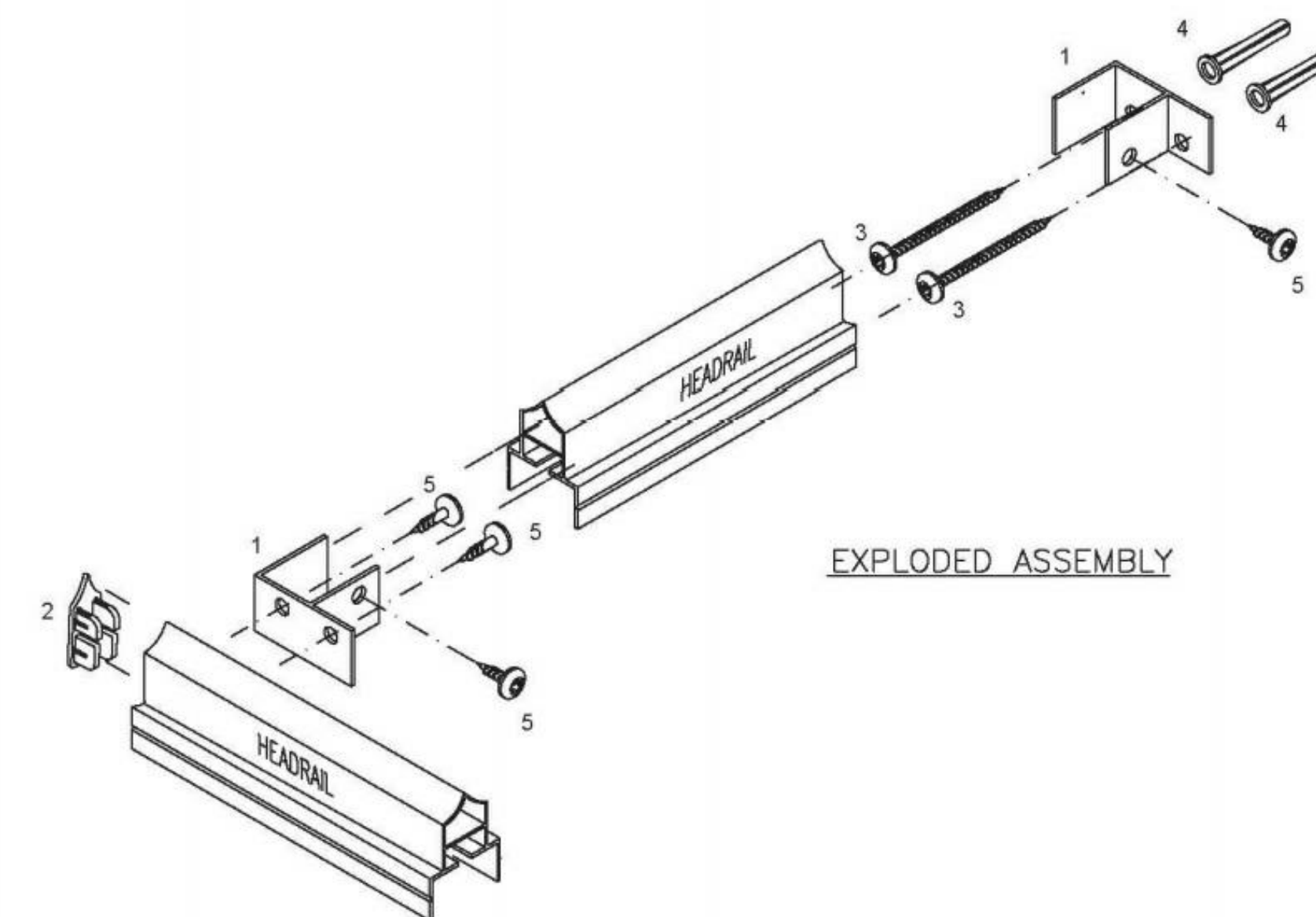


5 ASSEMBLY-VAULT HINGE-OUTSWING  
1/2" = 1'-0"

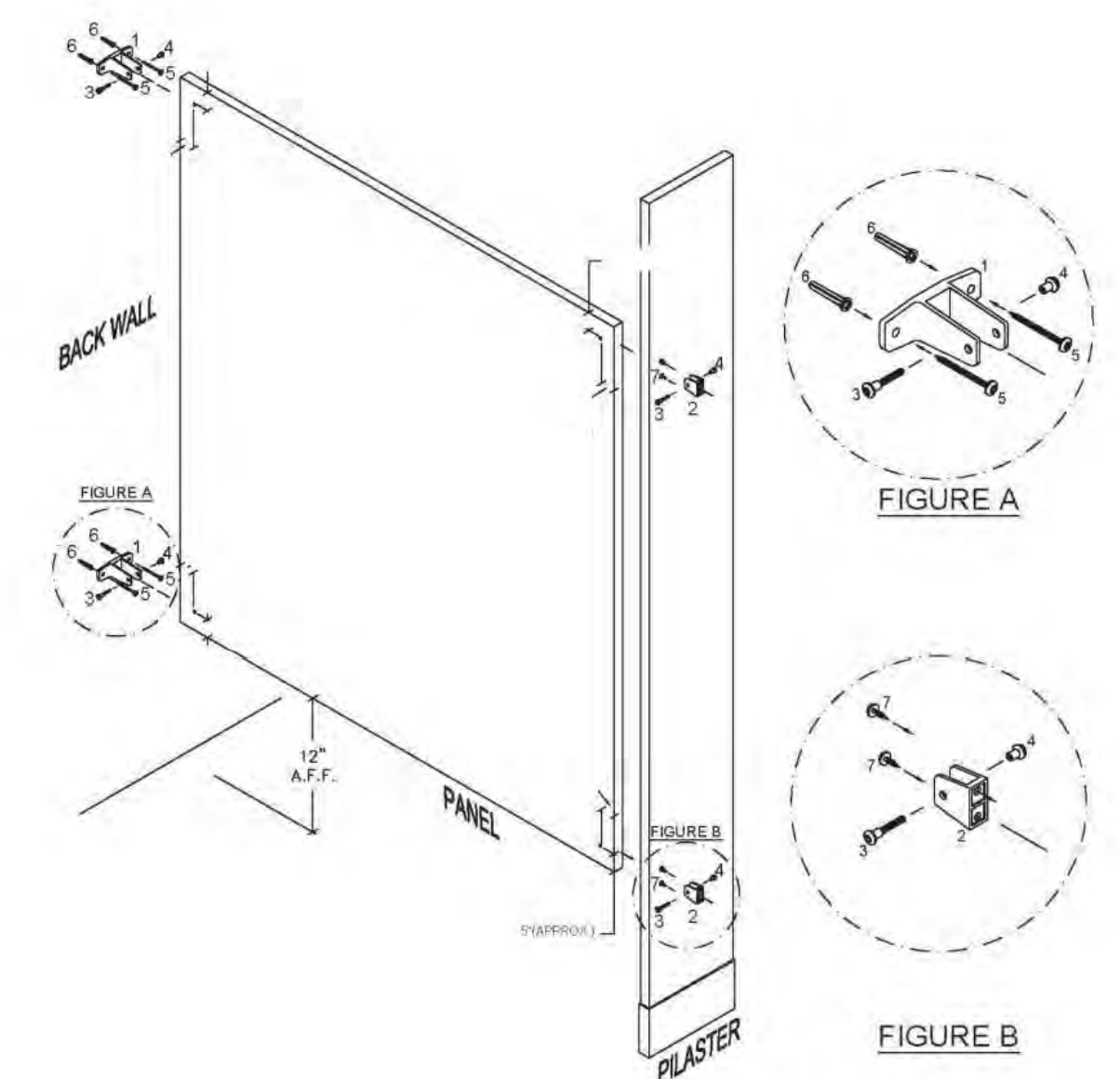


Headrail Hardware Kit (P/N 8448100) Includes:

PART ID.	DESCRIPTION	QTY
1	Headrail Satin "F" Zamac Bracket	(2)
2	Headrail Cap Satin Zamac	(1)
3	Vandal Resistant S/S #14 x 2 1/2" S.M.S	(2)
4	Plastic Shield 14/16 x 1-1/2"	(2)
5	Vandal Resistant 5/8" S.M.S	(4)



6 HEADRAIL ASSEMBLY  
1/2" = 1'-0"



7 PANEL TO PILASTER/WALL  
1/2" = 1'-0"

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**martin rogers**  
ENGINEERING CONSULTANT  
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1-570-825-1000 / 1-570-825-0888 / www.mrspc.com

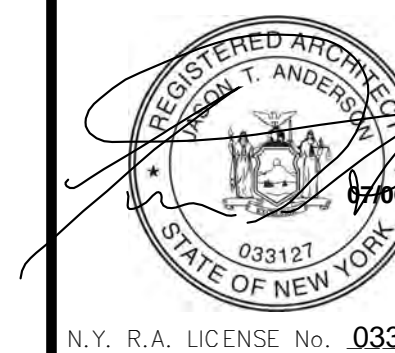
**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING INTERIORS

24 WALL AVE. • WASHINGTON • NY 10984  
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WWW.ROCKLANDGREEN.COM CONTACT@ROCKLANDGREEN.COM

**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

**Rockland Green** ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

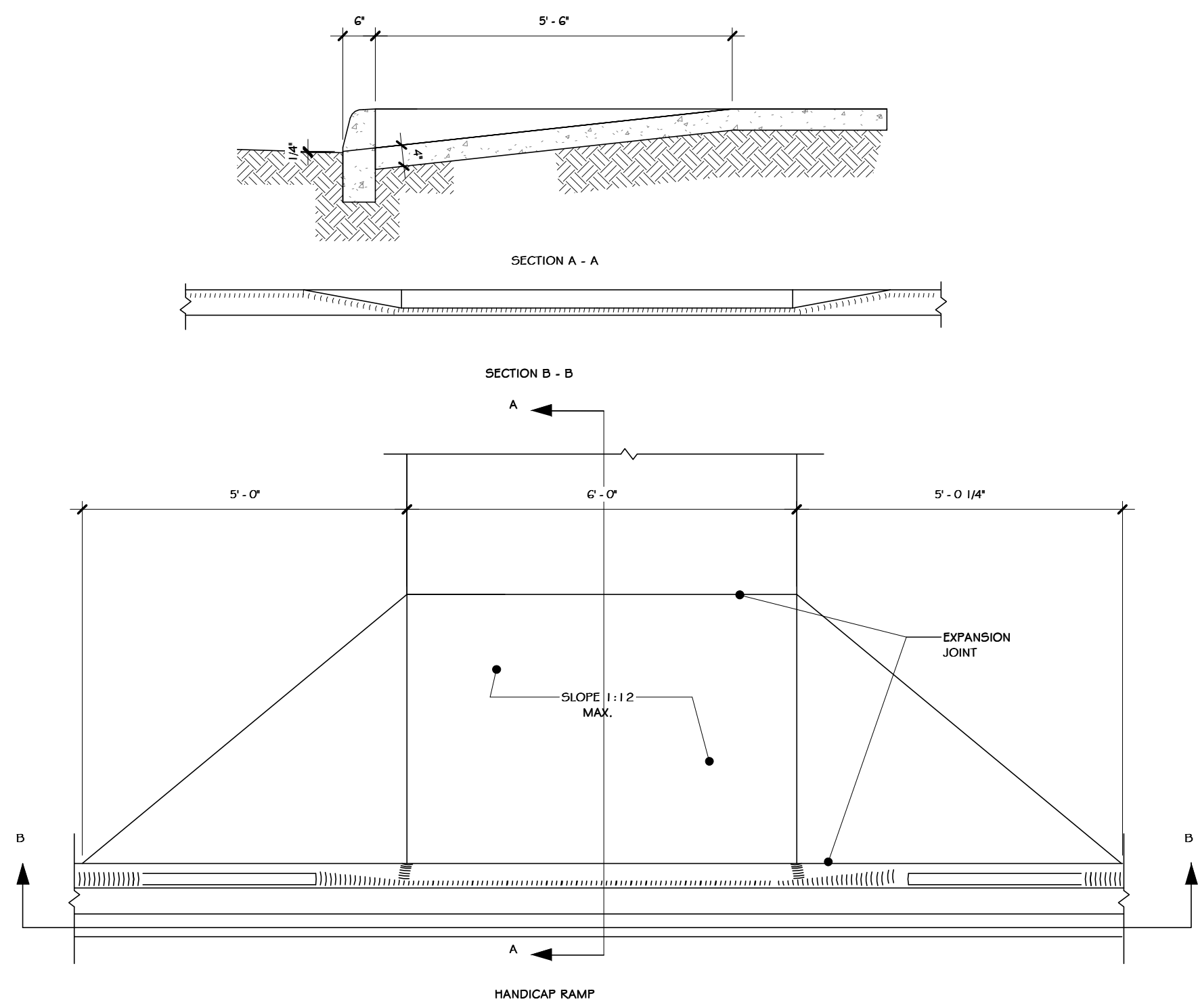
TOILET PARTITION DETAILS-TYPE 1



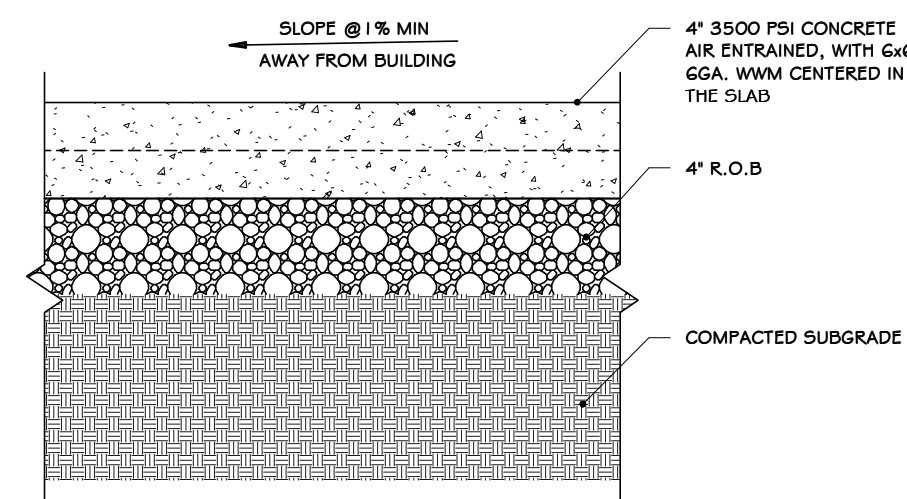
REV	DESCRIPTION	DATE	BY	CHK
B	REVISED FOR RFP ADDENDUM 6	07-23-21	ADG	ADG
A	ISSUED FOR RFP	07-06-21	ADG	ADG
REV	DESCRIPTION	DATE	BY	CHK
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<b>RRT Engineering, LLC</b> 1 Huntington Quadrangle, 3501 Melville, N.Y. 11747 ph: 631-756-1000 fax: 631-756-1064				

DRAWN	BY	DATE	PROJ. No:	SCALE:
IDEA	IDEA	07/06/21	499-010	AS SHOWN
CHECKED	ADG	07/06/21	DWG. NO:	A-610
DESIGNED	ADG	07/06/21	CAD FILE:	A
APPROVED	ADG	07/06/21	SHEET SIZE:	D-24x36
APPROVED				REV

NOT FOR CONSTRUCTION

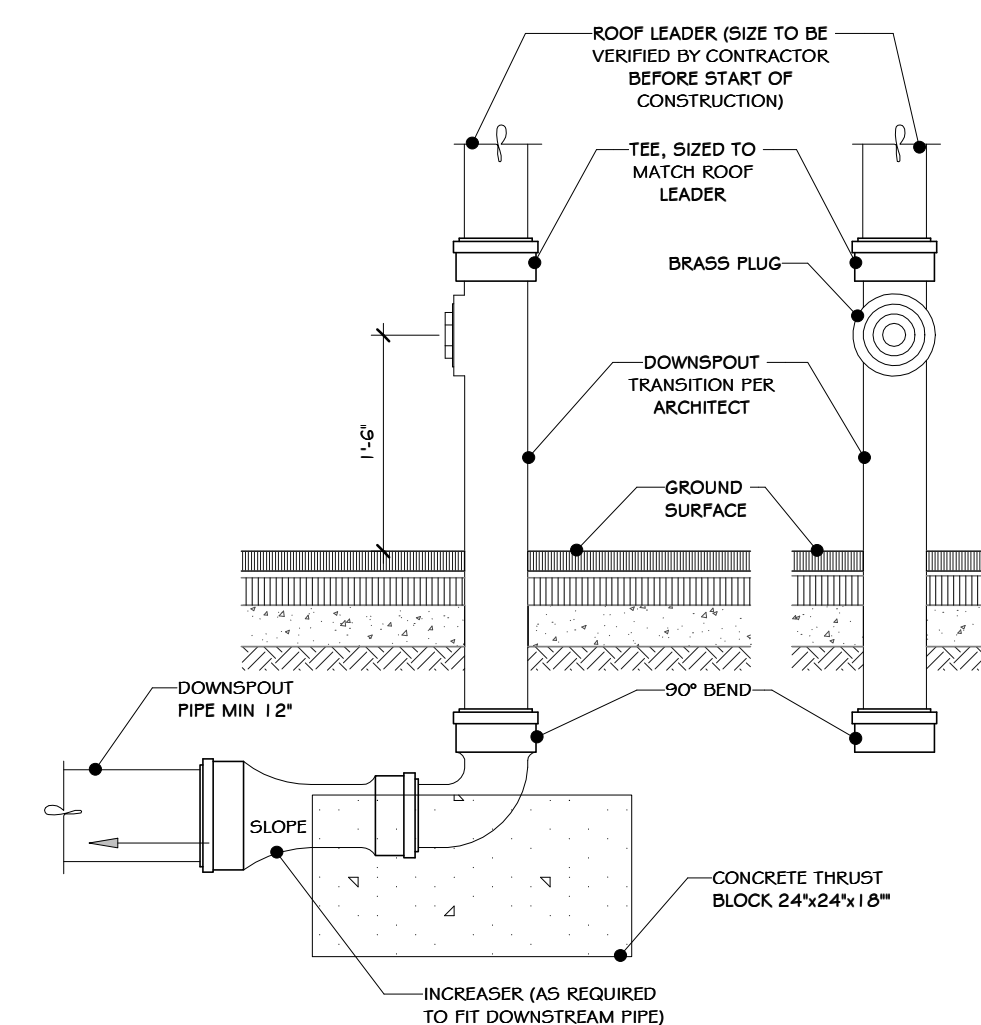


① RAMP DETAIL  
1/2" = 1'-0"



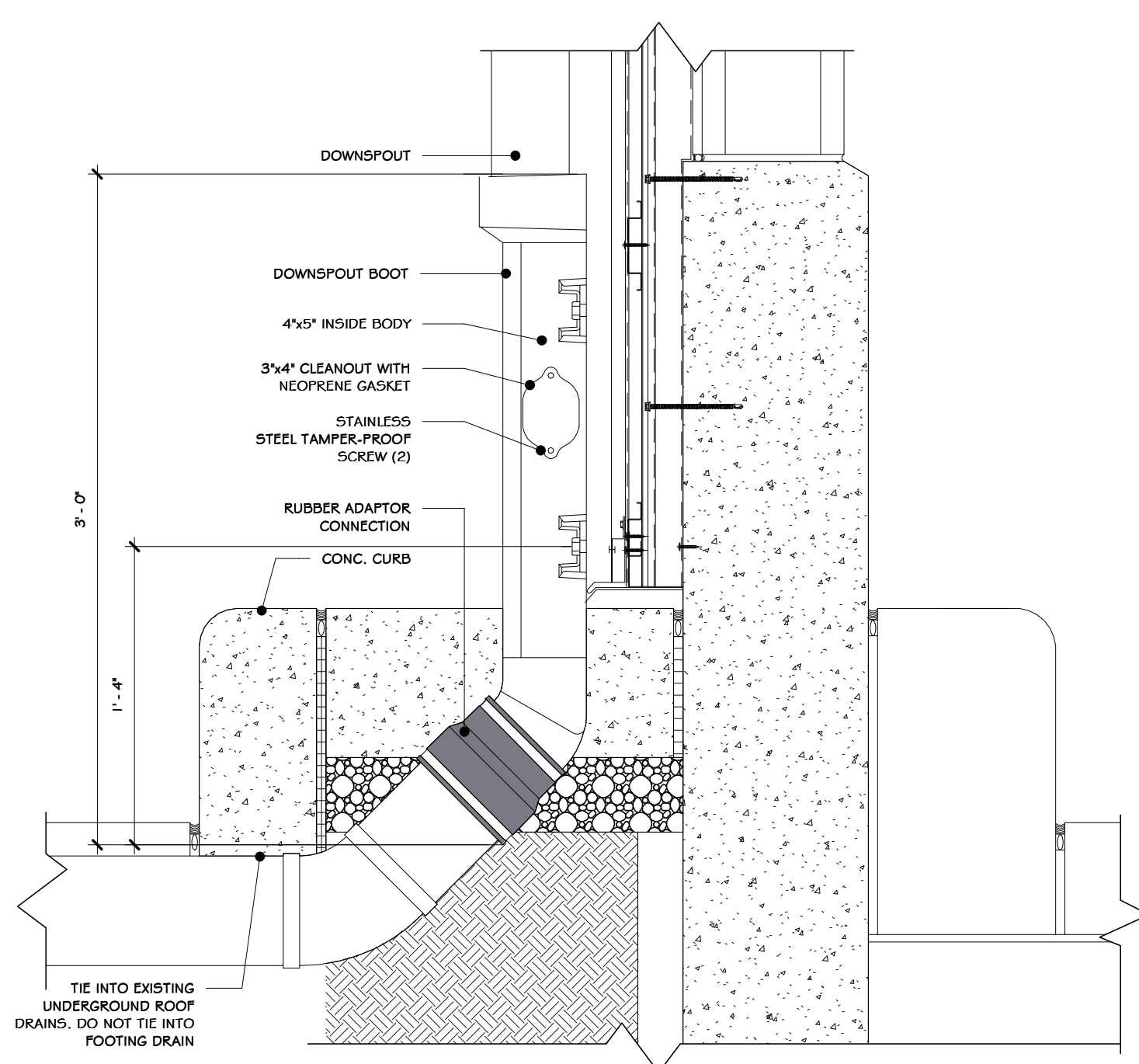
- NOTES:
1. FINISH TO BE BROOM FINISH AT 90° AT EACH SUCCEEDING SLAB.
  2. JOINTER TO BE 1" DEEP. JOINT SPACING SHALL BE EQUAL TO WIDTH OF WALK FOR SPACING.
  3. INSTALL 1/2" PRE-MOLDED EXPANSION JOINT @ 24' O.C. AND WHERE SIDEWALK IS AGAINST CONCRETE CURBS, BUILDINGS, AND OTHER STRUCTURES.

② SIDEWALK DETAIL  
1/2" = 1'-0"

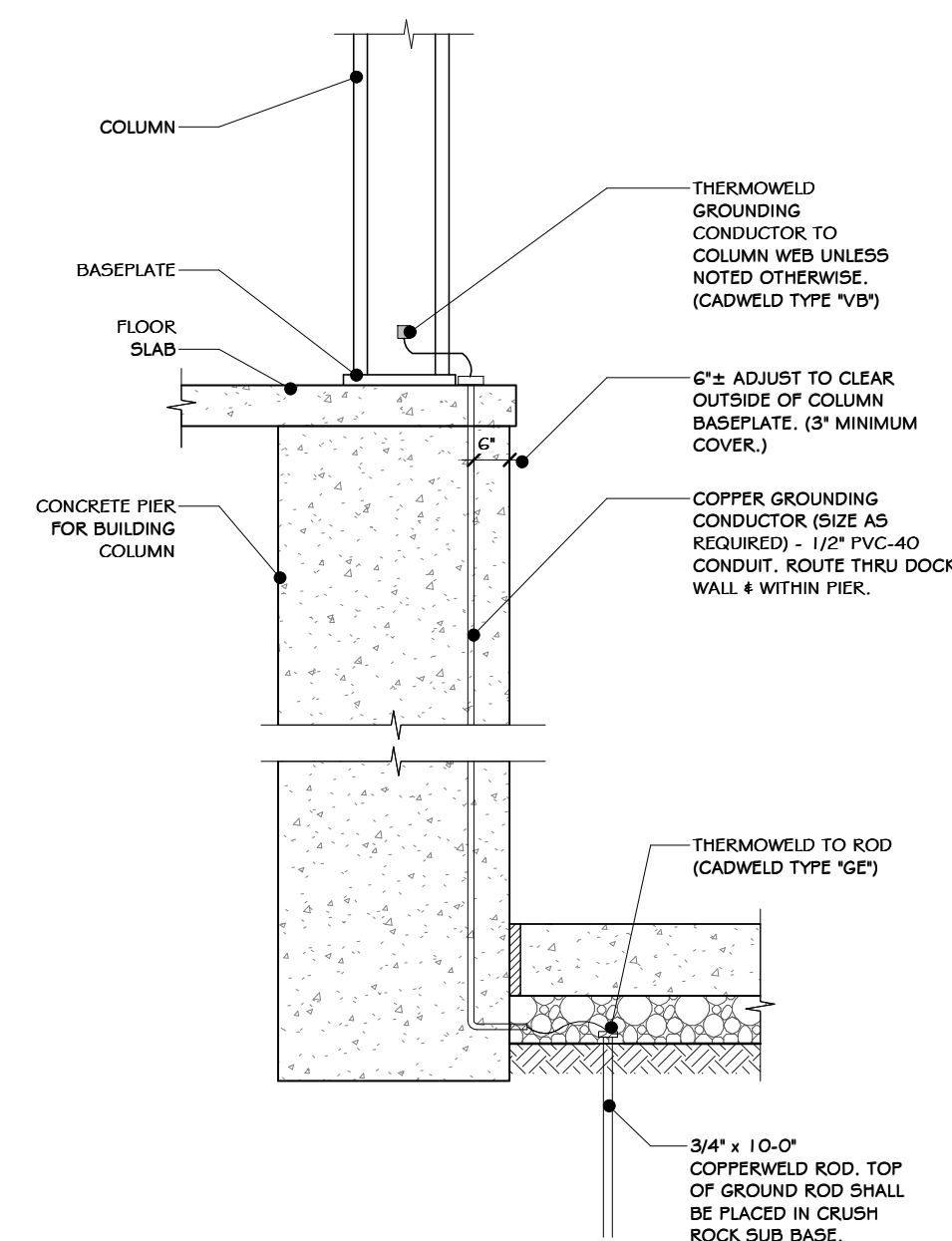


- NOTES:
1. MATERIAL SHALL BE DUCTILE IRON.
  2. CONCEPT SHOWN FOR REFERENCE ONLY. PROVIDE NEENAH FOUNDRY 4-4929 OR EQUAL.

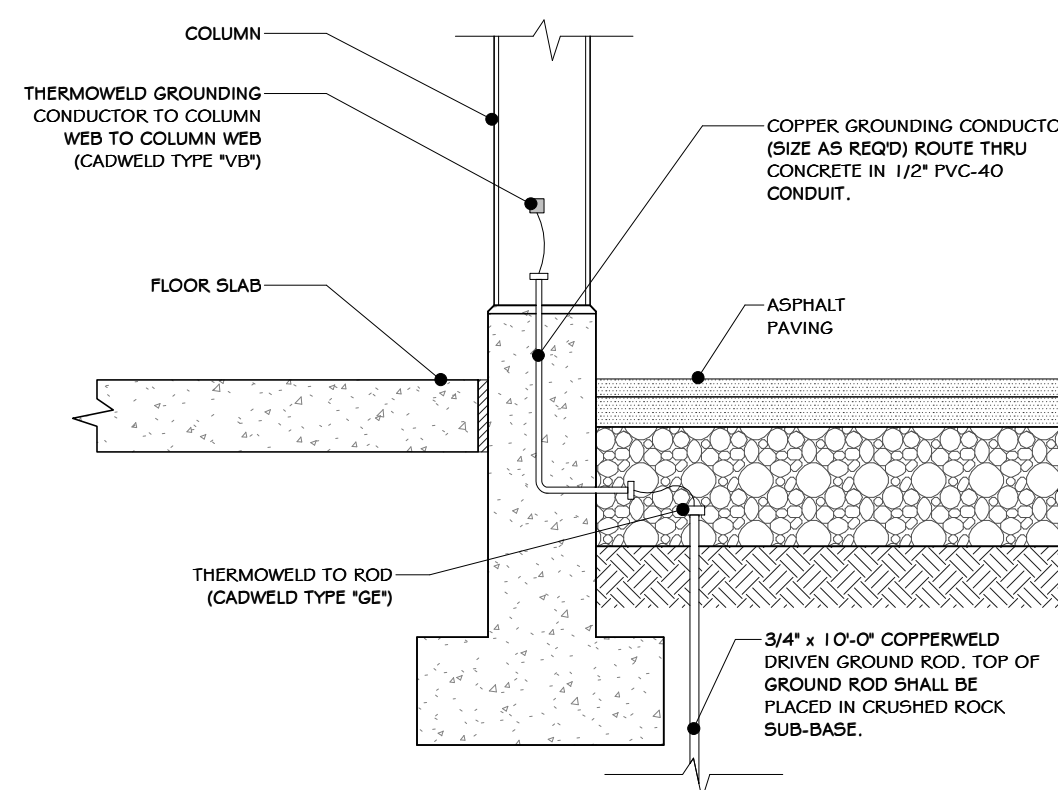
③ 3 ROOF LEADER BOOT  
3/4" = 1'-0"



④ ANGULAR DOWNSPOUT BOOT-ALTERNATIVE  
1/2" = 1'-0"



⑤ GROUND DET.-RAISED FLR. SLAB  
3/4" = 1'-0"



⑥ GROUNDING DETAIL  
3/4" = 1'-0"



REV	DESCRIPTION	DATE	BY
6	REVISED FOR RFP ADDENDUM 6	07-23-21	ADG
5	ISSUED FOR RFP	07-06-21	ADG

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NY COA # 0017967

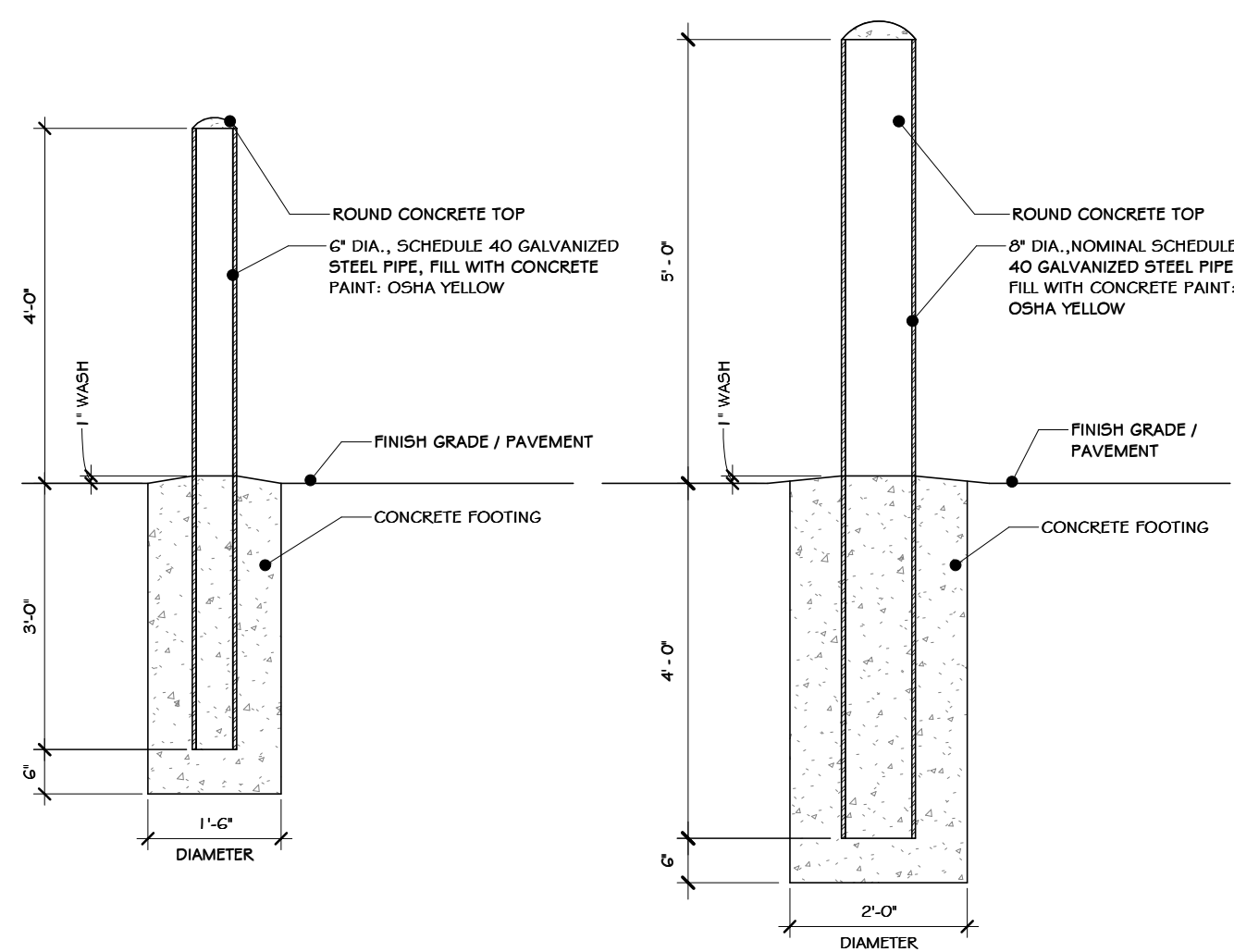
**Rockland Green**  
ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

SHEET DETAILS		SCALE: AS SHOWN
DRAWN	IDEA	07/06/21
CHECKED	ADG	07/06/21
DESIGNED	ADG	07/06/21
APPROVED	ADG	07/06/21
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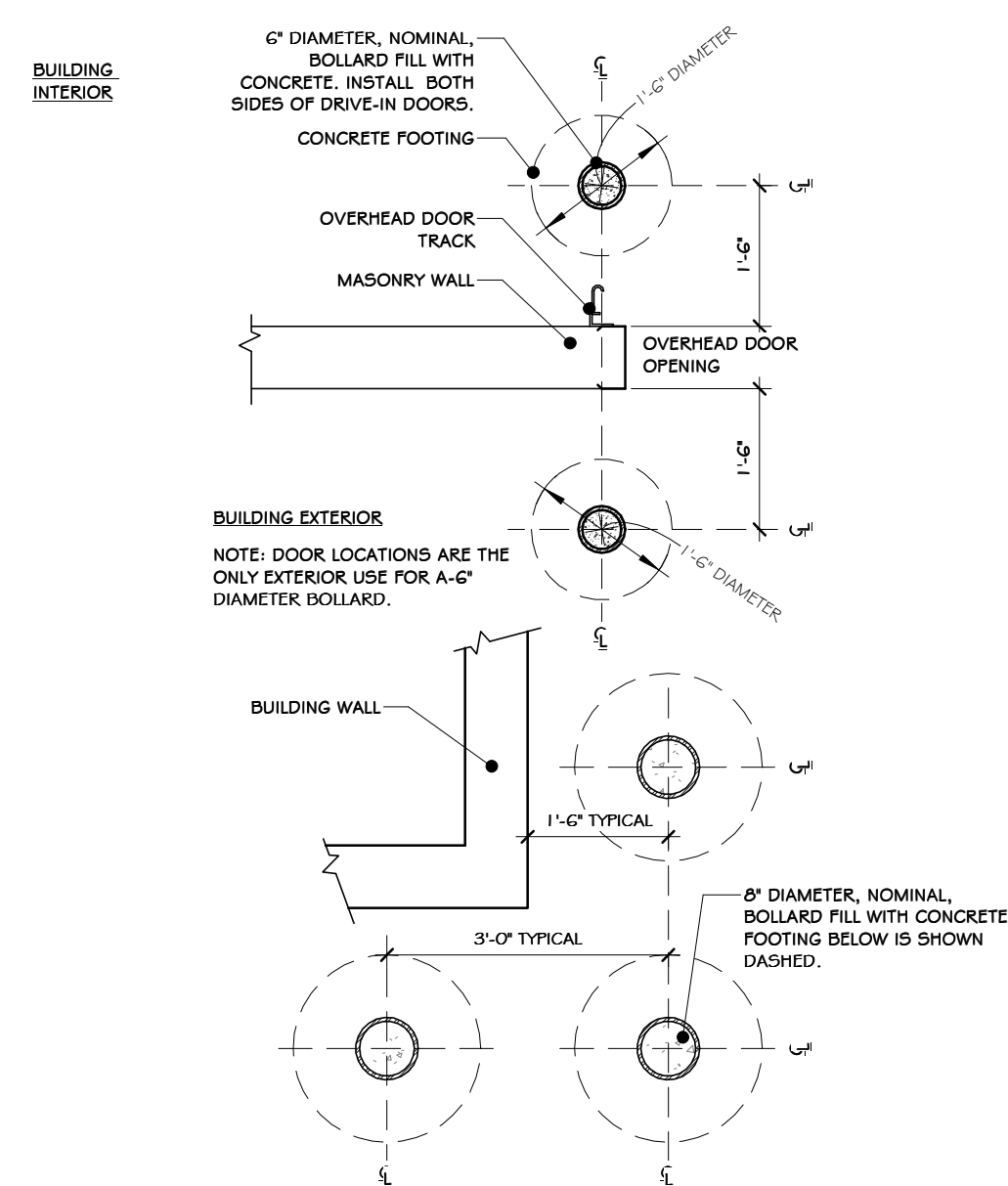
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**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Merrick, N.Y. 11447  
ph: 631-756-1069  
fax: 631-756-1064

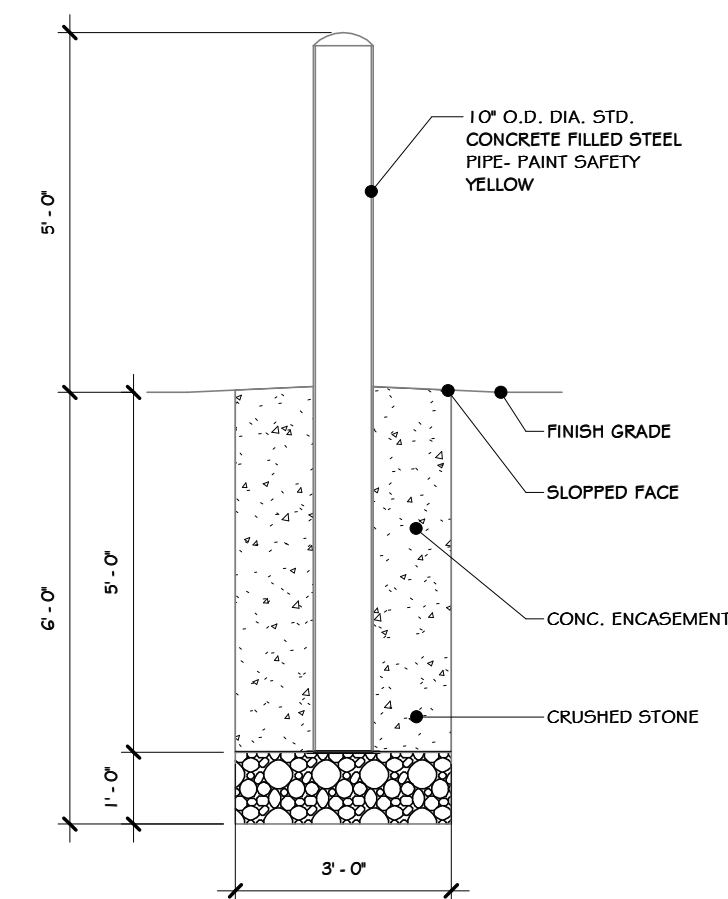
NOT FOR CONSTRUCTION



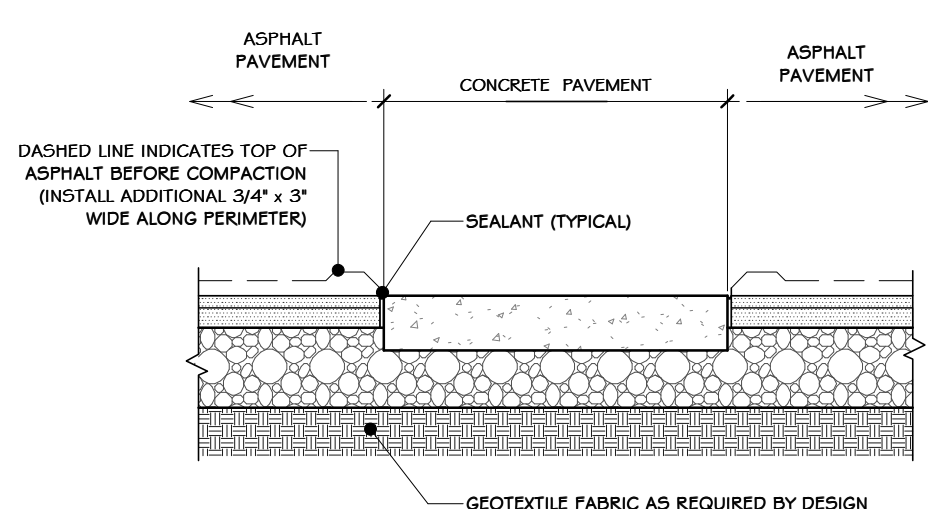
1 BOLLARD DETAILS  
1/2" = 1'-0"



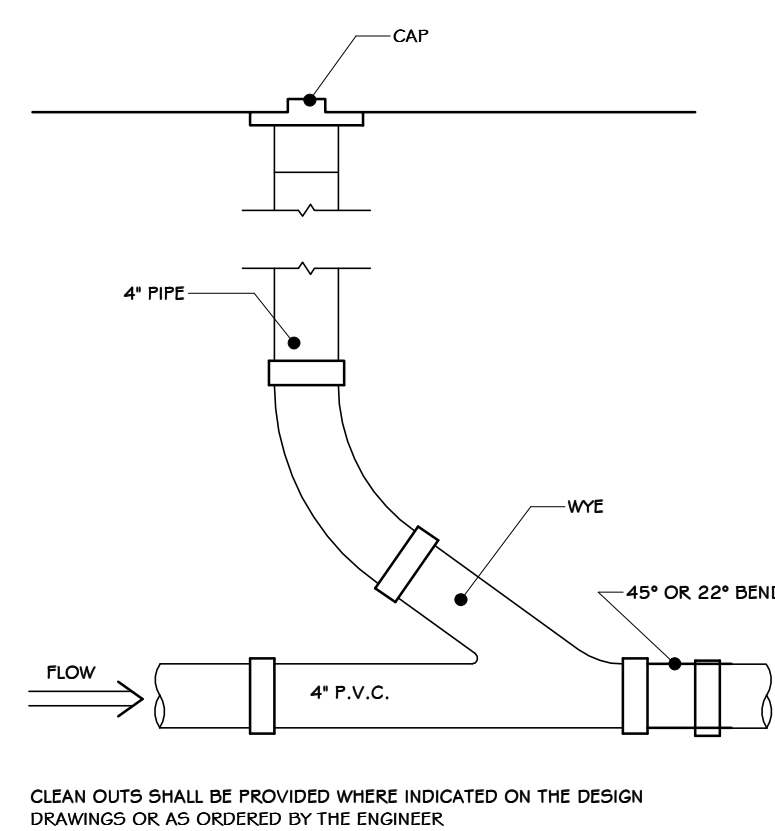
2 BOLLARD LOCATION DETAILS  
1/2" = 1'-0"



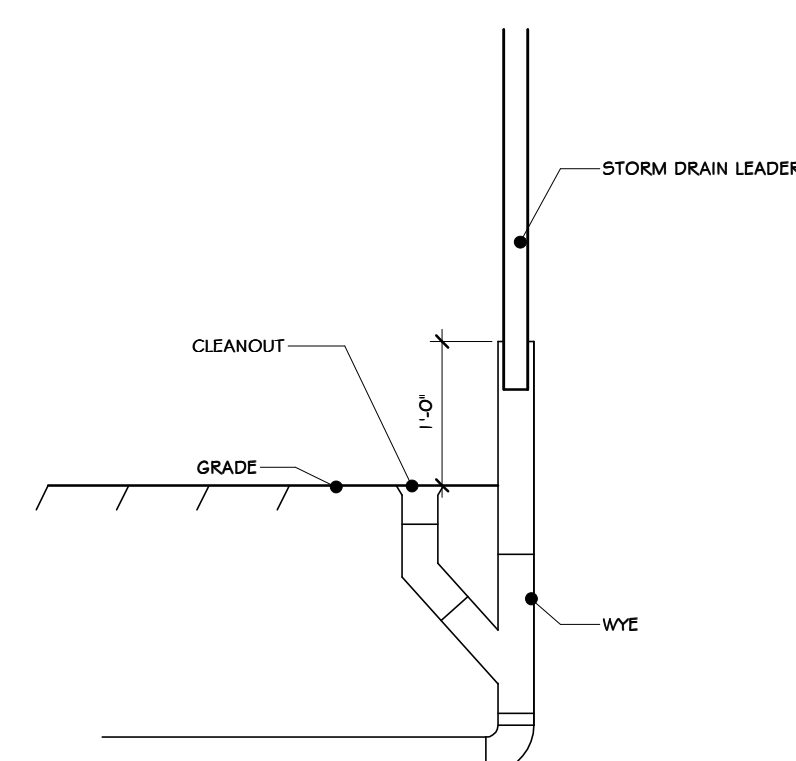
3 INDUSTRIAL BOLLARD DETAIL  
3/8" = 1'-0"



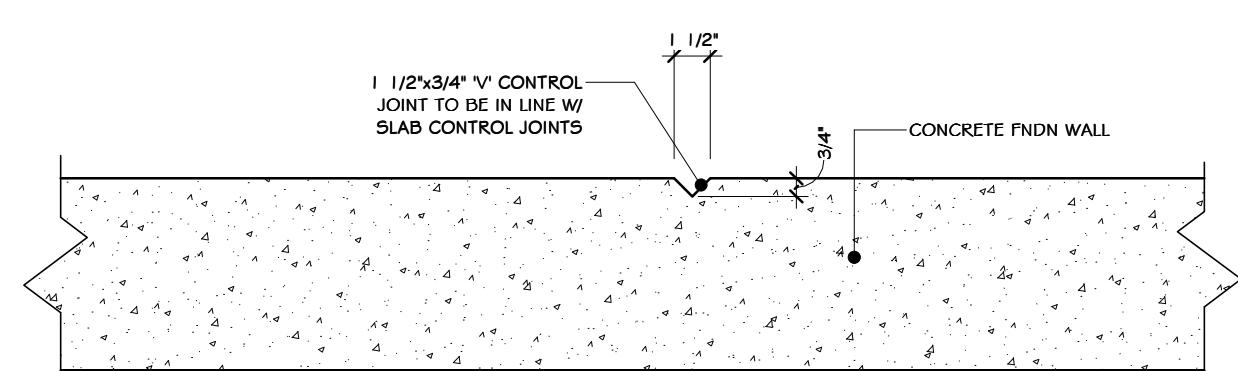
4 ASPHALT @ CONC. SIDEWALK SECTION  
1/2" = 1'-0"



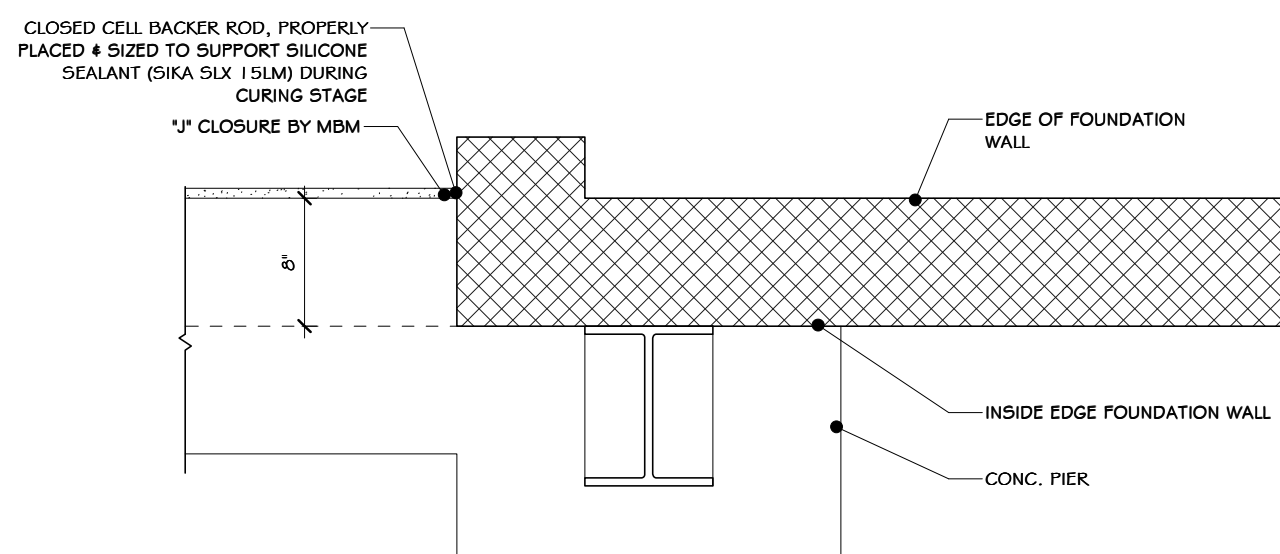
5 CLEAN-OUT DETAIL  
1" = 1'-0"



6 DOWNSPOUT CLEAN-OUT  
3/4" = 1'-0"



7 FOUNDATION WALL CONTROL JOINT DETAIL  
1 1/2" = 1'-0"



8 STEEL CLOSURE @ CMU DETAIL  
1" = 1'-0"

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Sterling Environmental Engineering, P.C.

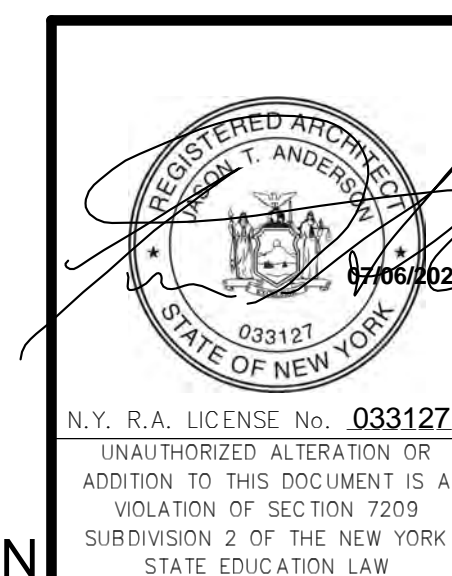
**martin rogers**  
ENGINEERING CONSULTANT  
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**ANDERSON DESIGN GROUP** ARCHITECTURE PLANNING INTERIORS  
24 WALL AVE. • WILKES-BARRE, PA 18704  
P. 570.826.1000 F. 570.825.0888 CONTACT@ANDERSONDESIGN.COM

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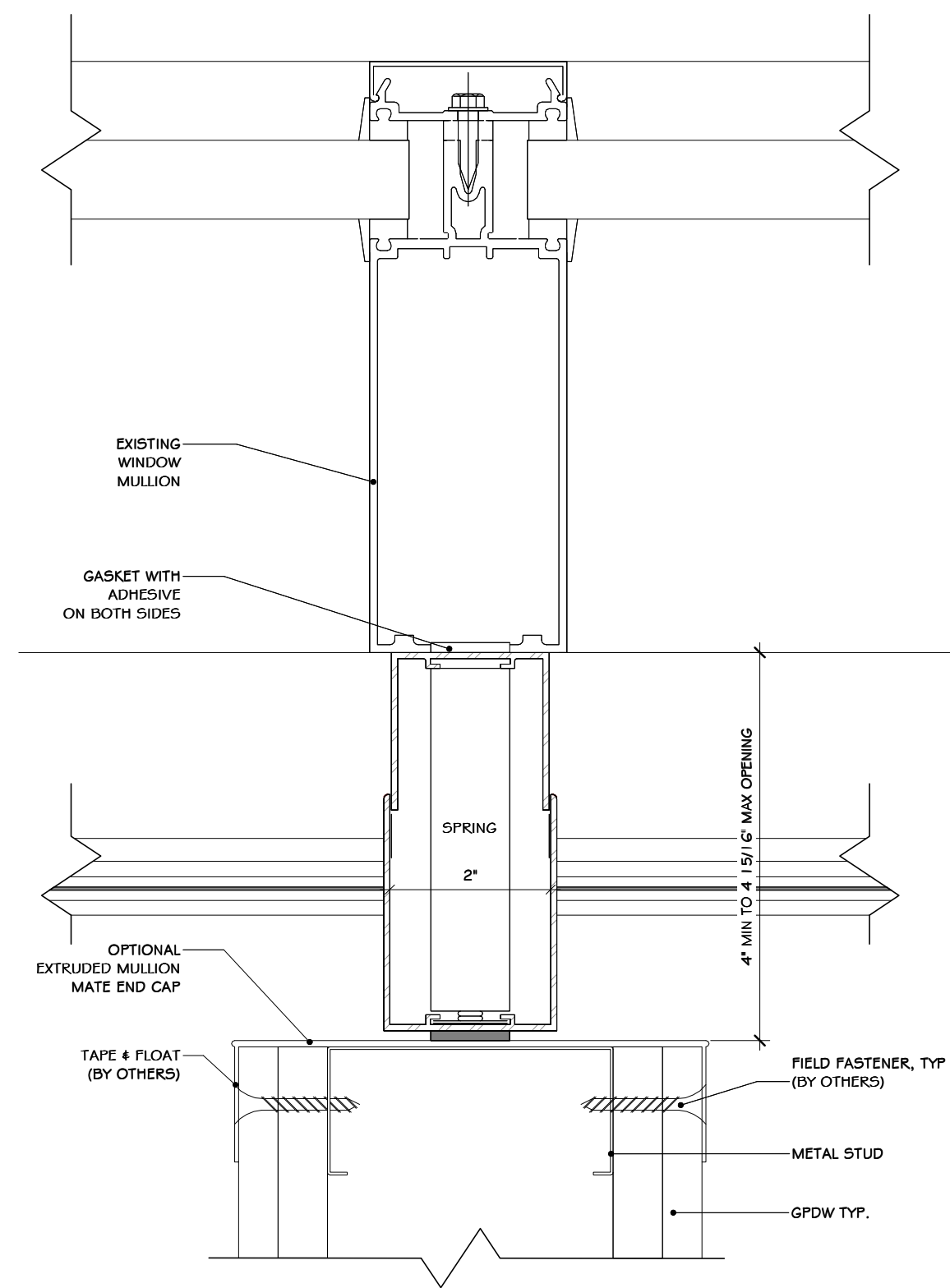
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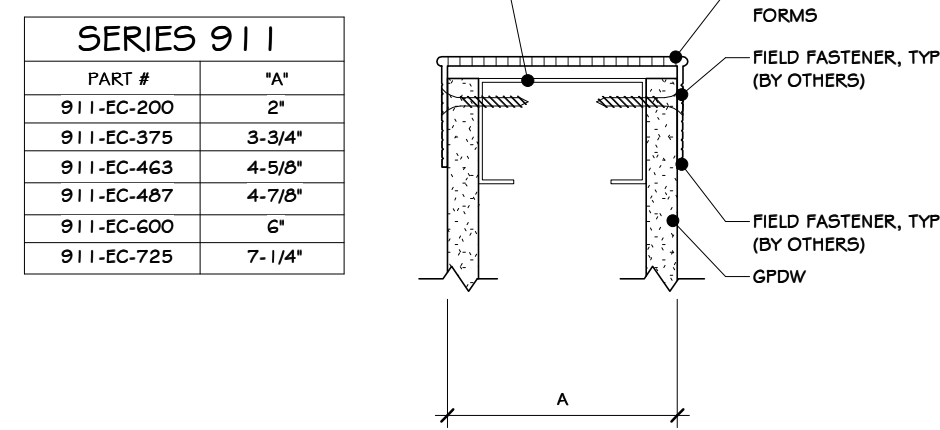
REVISED FOR RFP ADDENDUM 6	07-23-21
ISSUED FOR RFP	07-06-21
DESCRIPTION	BY: CLD
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DRAWN	IDEA	DATE	07/06/21	PROJ. No:	499-010	SCALE:	AS SHOWN
CHECKED	ADG	DATE	07/06/21	DWG. NO.:	A-612		A
DESIGNED	ADG	DATE	07/06/21	CAD FILE:			
APPROVED	ADG	DATE	07/06/21	SHEET SIZE:	D-24x36		REV

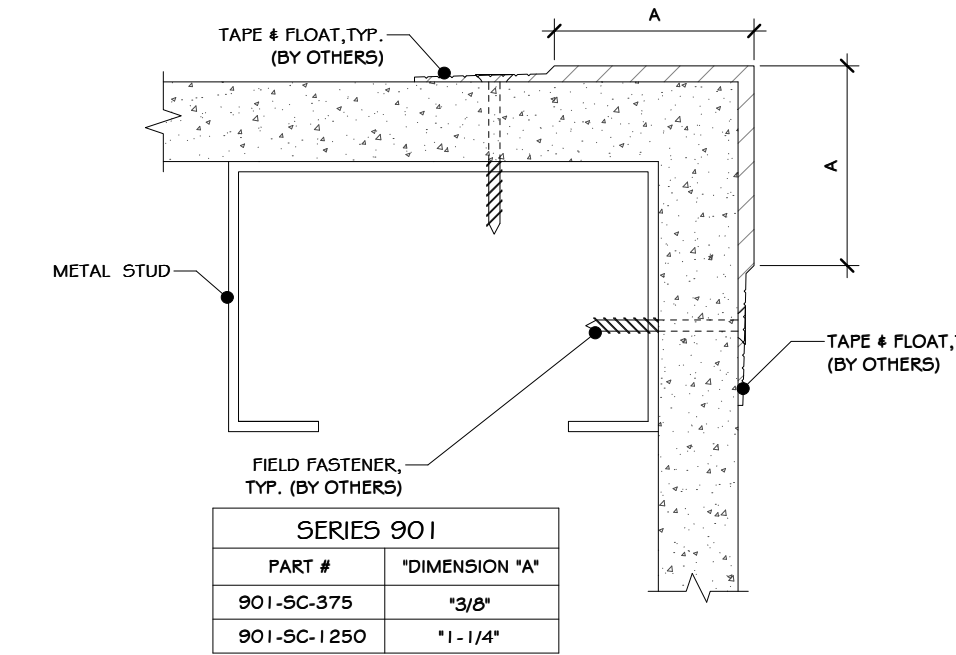
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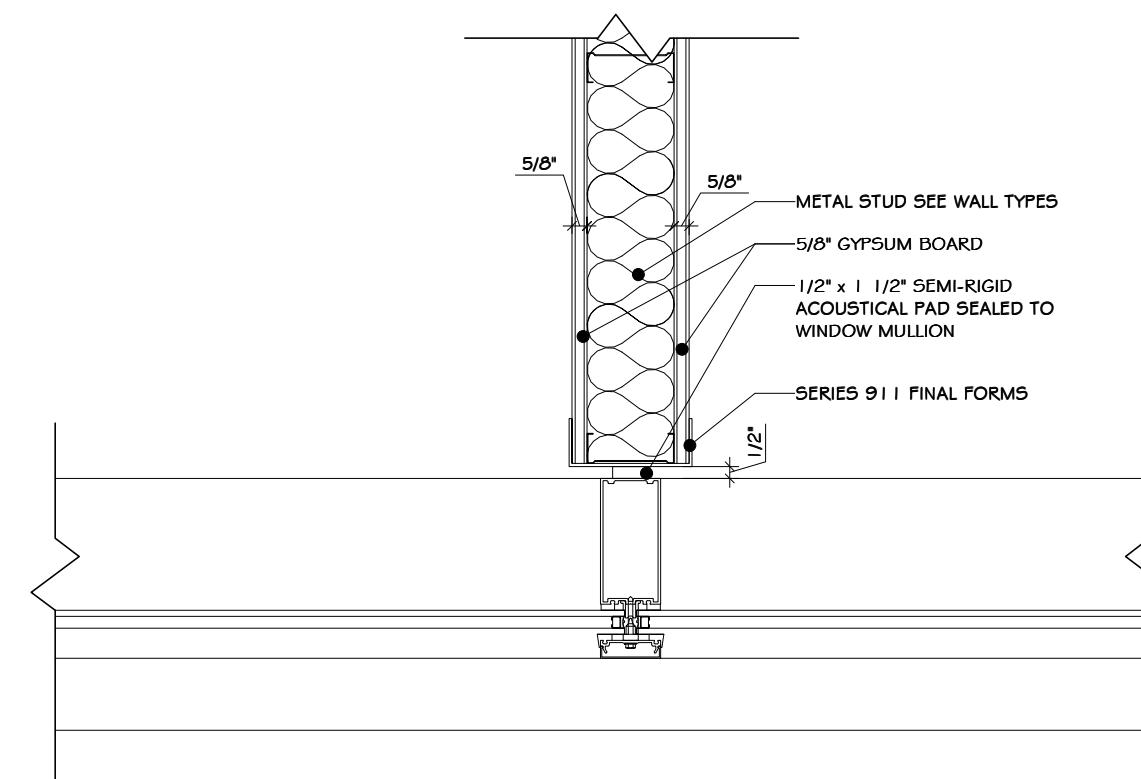
1 MULLION MATE 4 SECTION DET.  
6" = 1'-0"



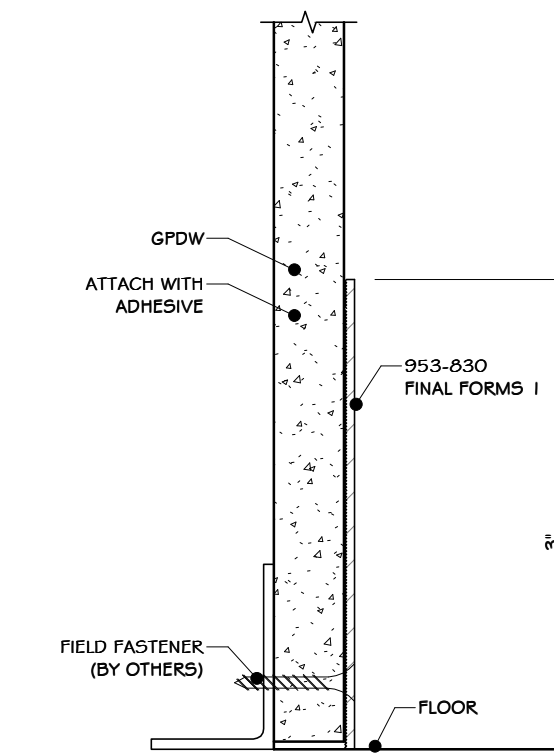
2 FINAL FORMS | SERIES 911 | DET.  
1" = 1'-0"



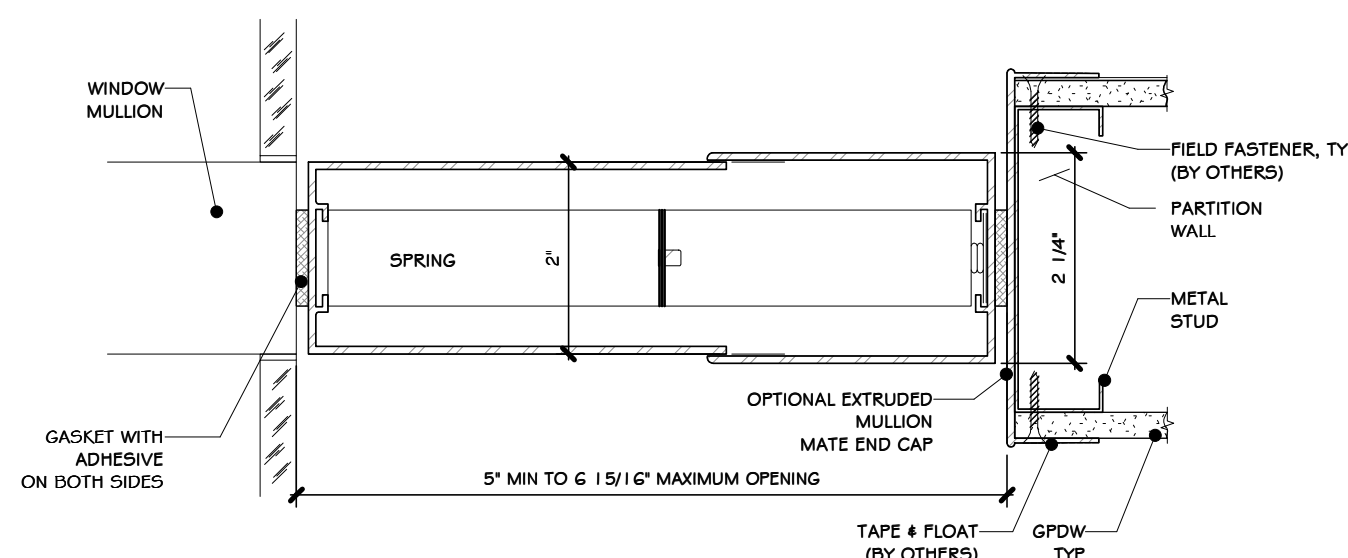
3 FINAL FORMS | SERIES 901 | DET.  
1" = 1'-0"



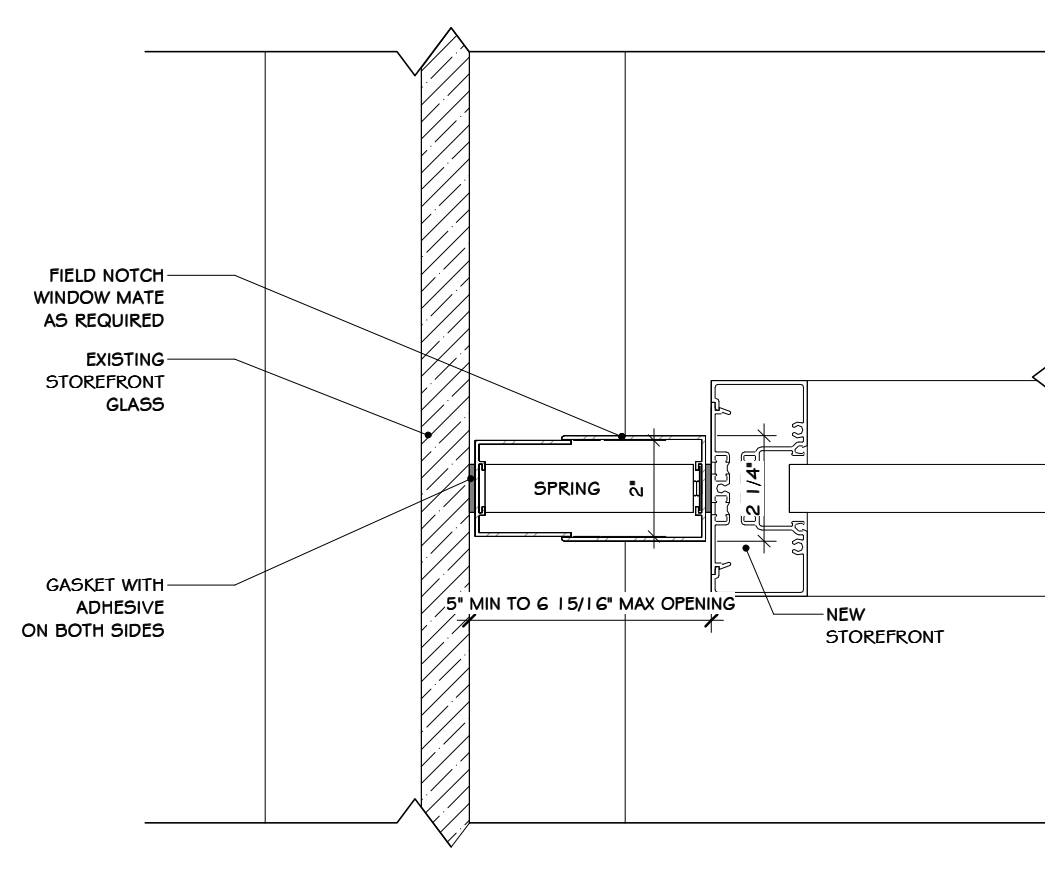
4 WALL TO MULLION TRANSITION-TYP.  
1 1/2" = 1'-0"



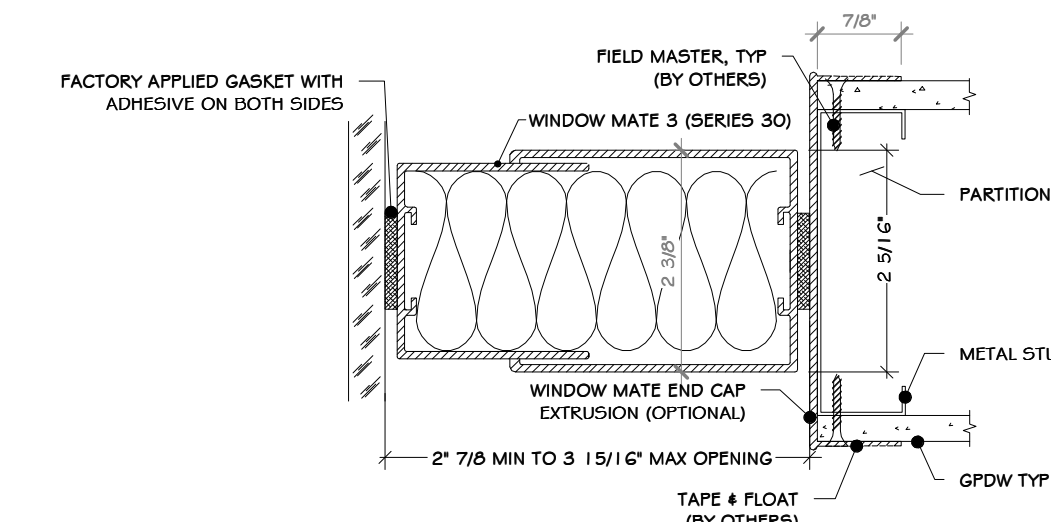
5 FINAL FORMS | 953-830 | DET.  
1" = 1'-0"



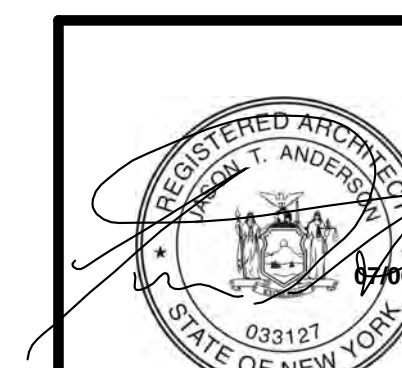
6 MULLION MATE 5 SECTION DET.  
6" = 1'-0"



7 WINDOW MATE ON GLASS  
3" = 1'-0"



8 WINDOW MATE SECTION DETAIL  
6" = 1'-0"



REV	DESCRIPTION	DATE	BY
B	REVISED FOR RFP ADDENDUM 6	07-23-21	ADG
A	ISSUED FOR RFP	07-06-21	ADG
1	PROPRIETARY DATA		

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Melville, N.Y. 11747  
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Fax: 631-756-1064

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185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
1-570-826-1000 | 1-570-825-0888 | www.mrspc.com

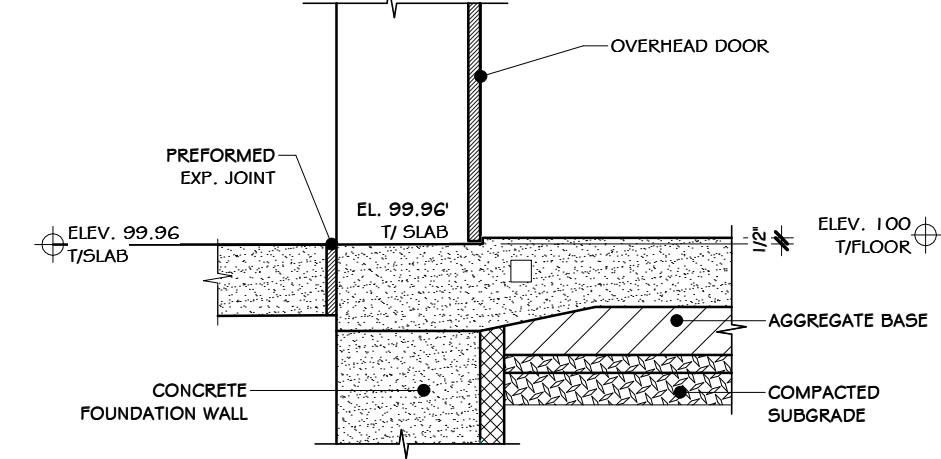
**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING INTERIORS

**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

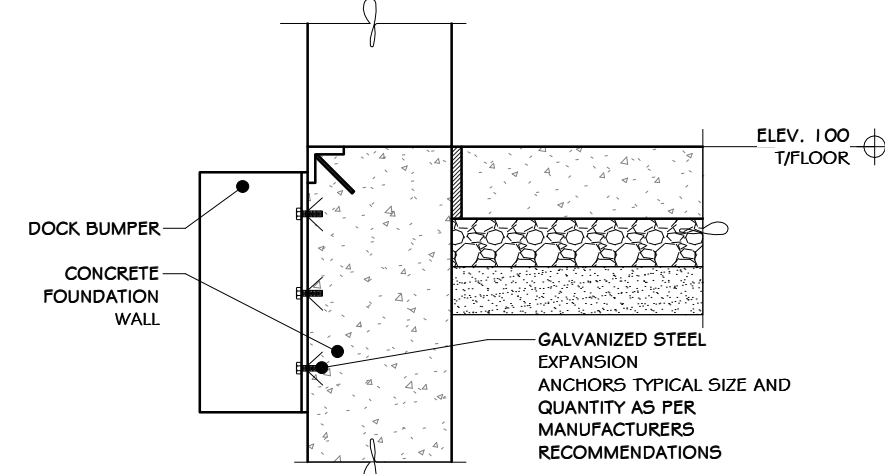
**Rockland Green**  
ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**MULLION MATE DETAILS**

DRAWN	BY	DATE	PROJ. No:	SCALE:
IDEA	IDEA	07/06/21	499-010	AS SHOWN
CHECKED	ADG	07/06/21	DWG. NO:	A-613
DESIGNED	ADG	07/06/21	CAD FILE:	
APPROVED	ADG	07/06/21	SHEET SIZE:	D-24x36
APPROVED				REV

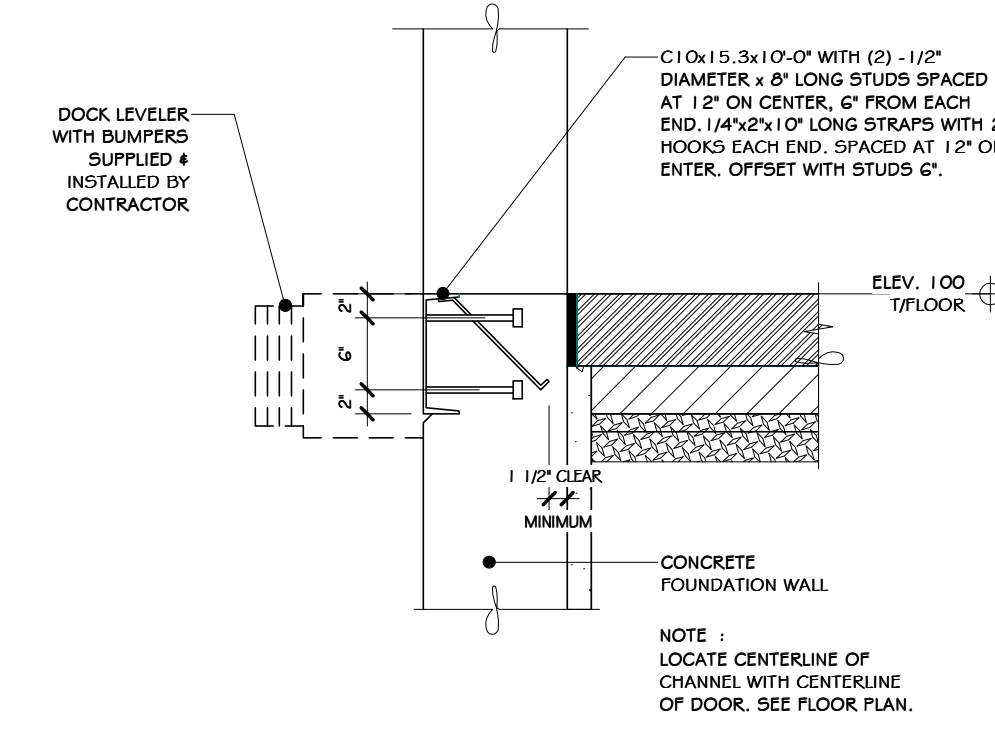


2 WALL SECTION @ DRIVE-IN DOOR  
3/4" = 1'-0"



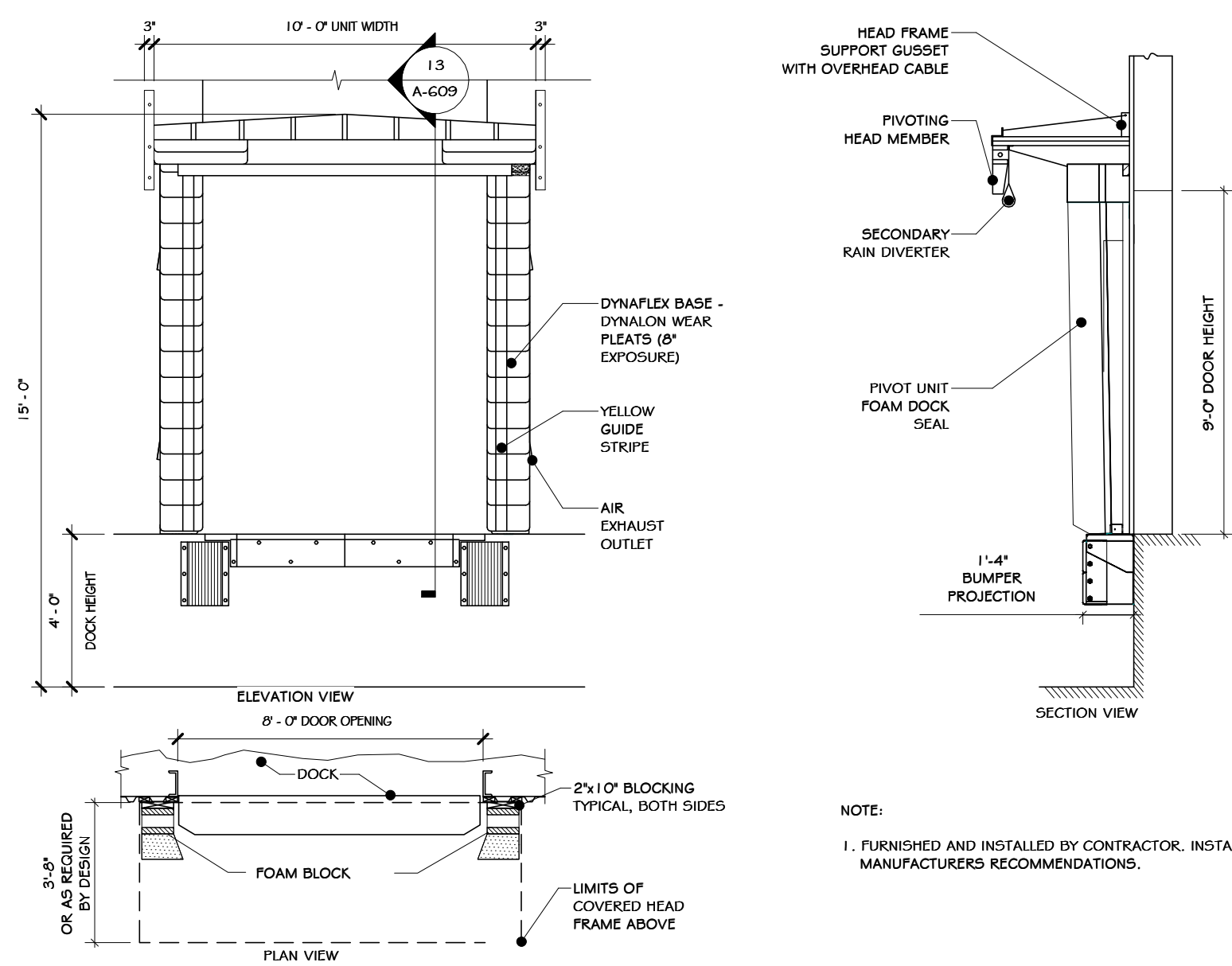
NOTES:  
1. INSTALL 9" RUBBER DOCK BUMPERS AT ALL DOCK DOORS.

3 SECTION @ DOCK BUMPERS  
3/4" = 1'-0"



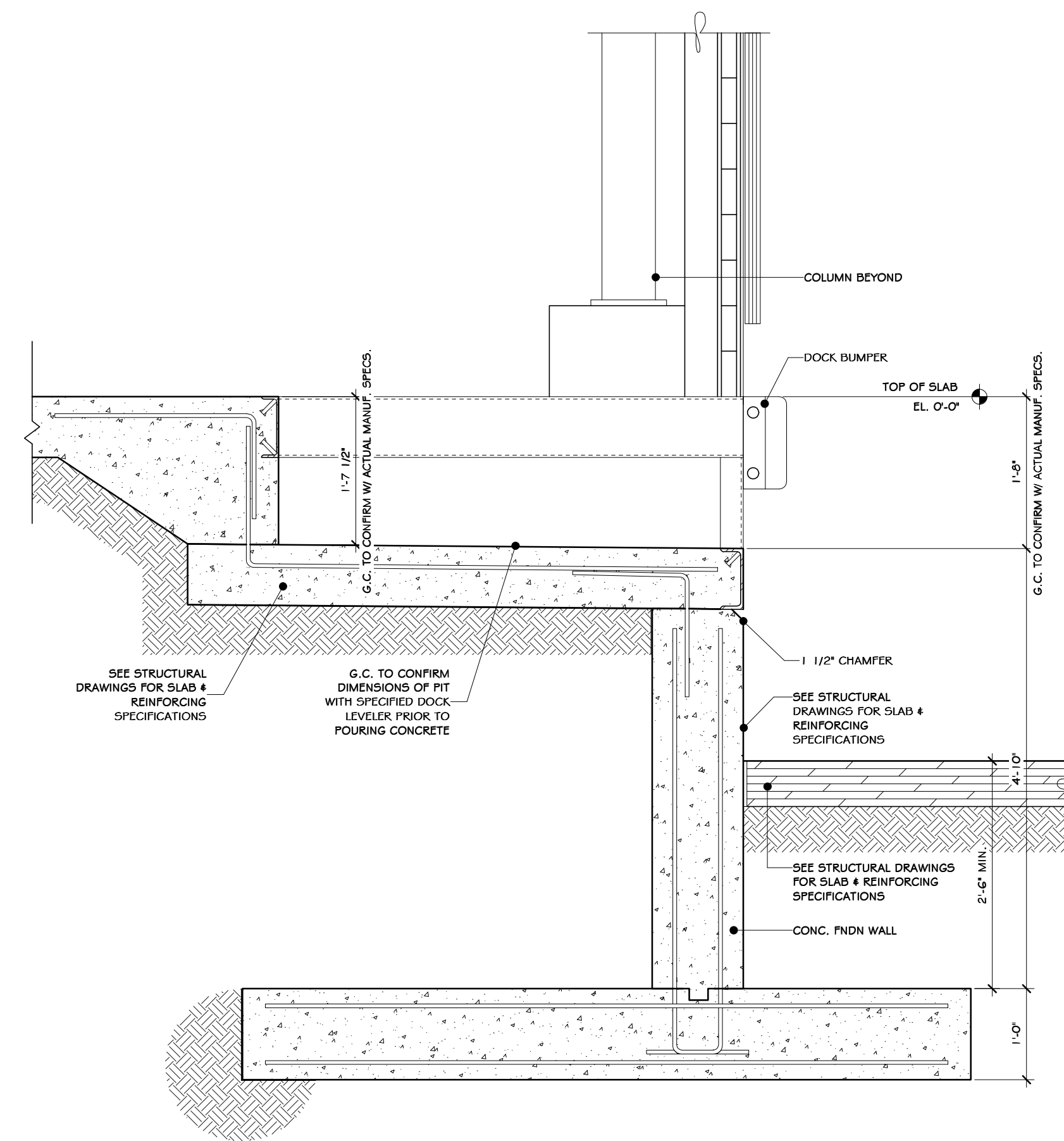
NOTE:  
1. LOCATE CENTERLINE OF CHANNEL WITH CENTERLINE OF DOOR. SEE FLOOR PLAN.

4 DOCK EDGE CHANNEL DETAIL  
3/4" = 1'-0"

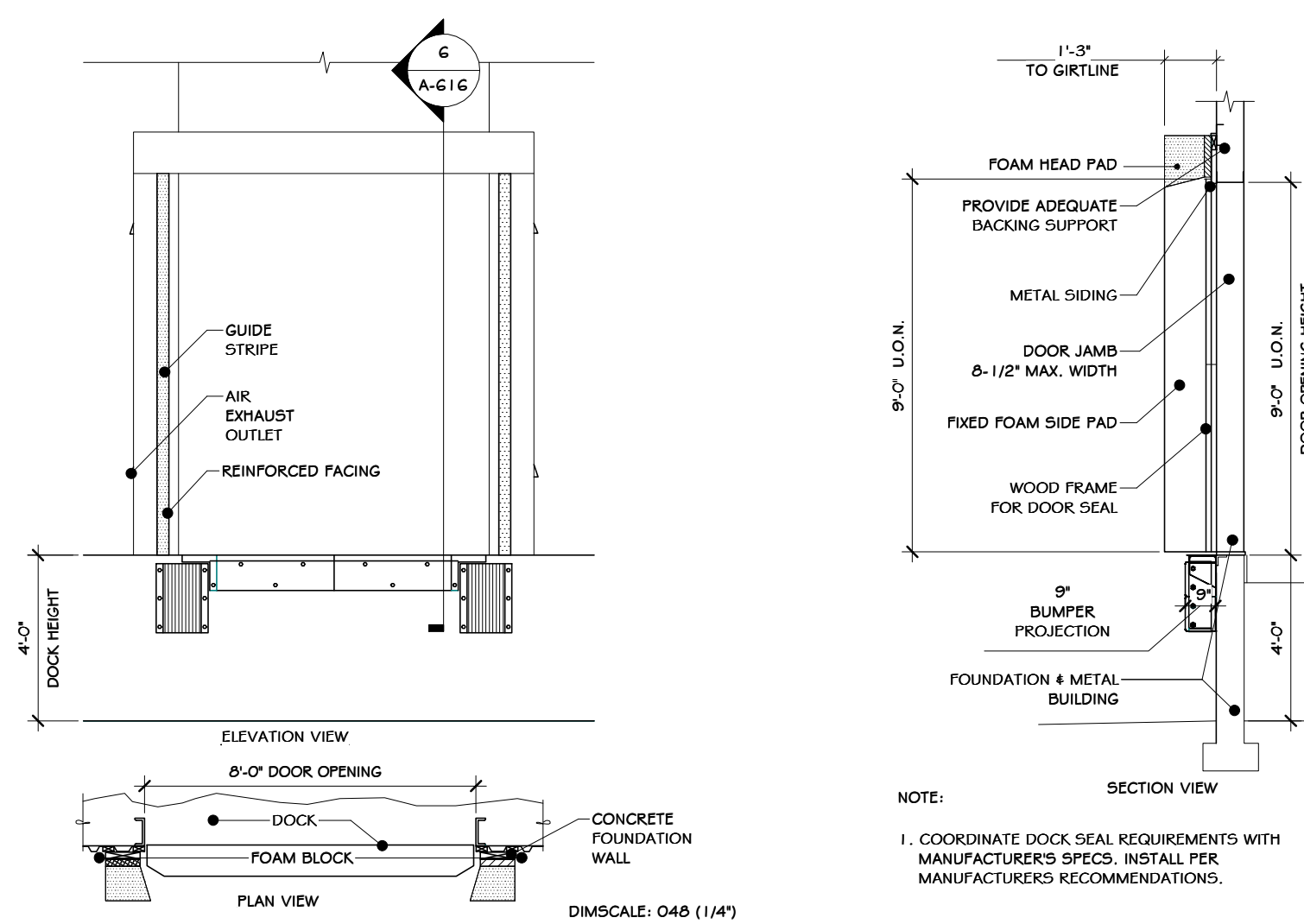


NOTE:  
1. FURNISHED AND INSTALLED BY CONTRACTOR. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

5 UNLOAD DOOR SEAL  
1/4" = 1'-0"

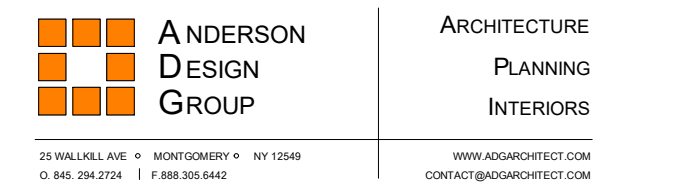


7 LOADING DOCK LEVELER DETAIL  
3/4" = 1'-0"



NOTE:  
1. COORDINATE DOCK SEAL REQUIREMENTS WITH MANUFACTURER'S SPECS. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

6 LOAD DOOR SEAL  
1/4" = 1'-0"



OVERHEAD DOCK DOOR DETAILS			
REV	DATE	DESCRIPTION	BY
B	07/06/21	REVISED FOR RFP ADDENDUM 6	ADG
A	07/06/21	ISSUED FOR RFP	ADG
1	07/06/21	PROPRIETARY DATA	ADG

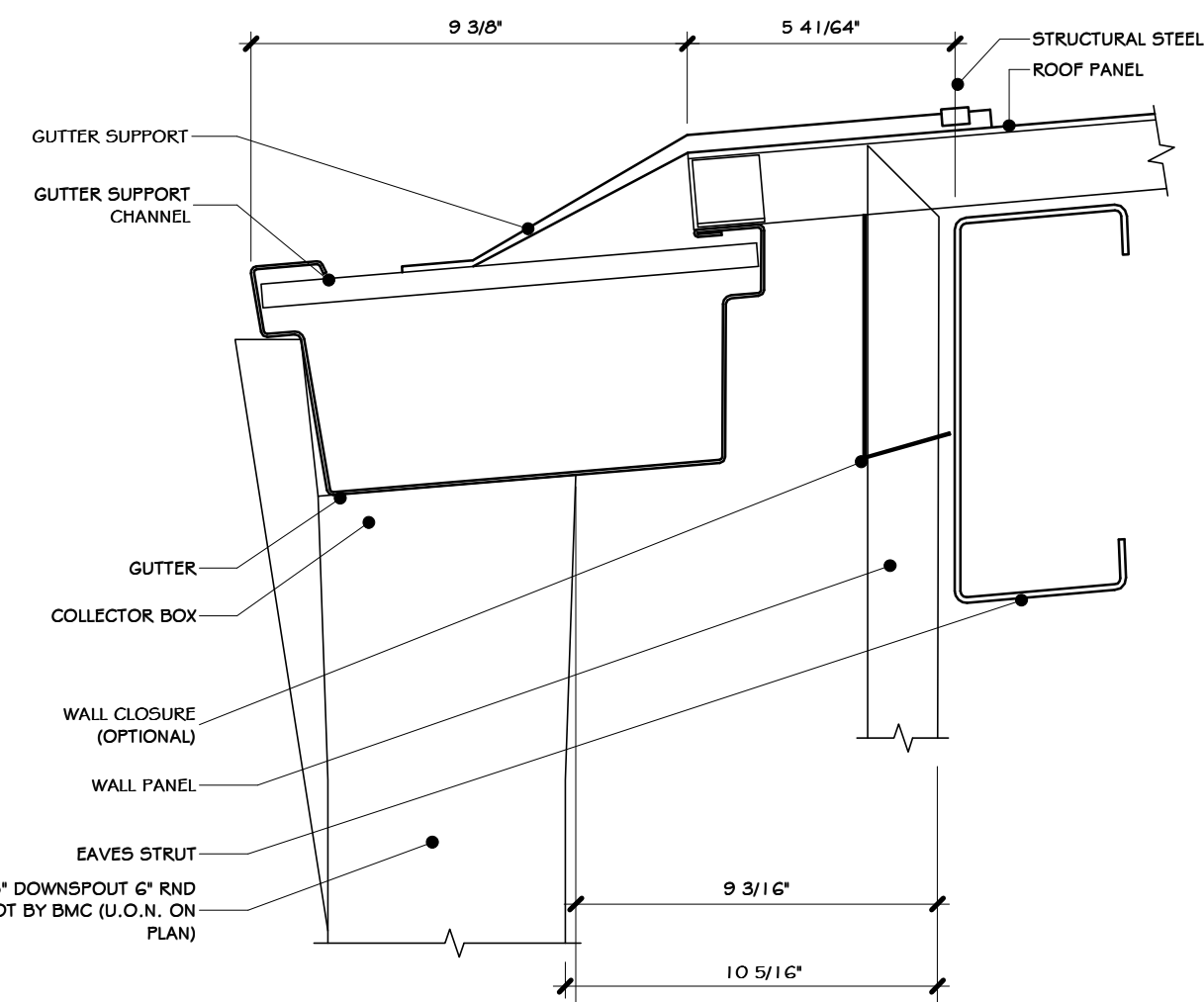
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**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Melville, N.Y. 11747  
Tel: 631-756-1069  
Fax: 631-756-1064

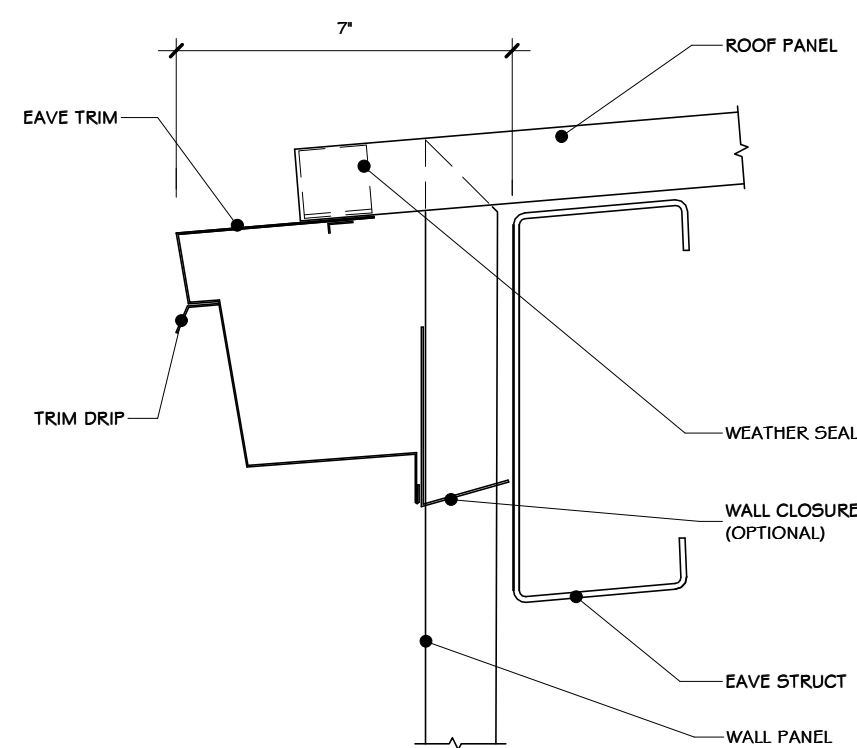
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APPROVED	ADG	DATE	07/06/21	SHEET SIZE:	D-24x36		
APPROVED							REV



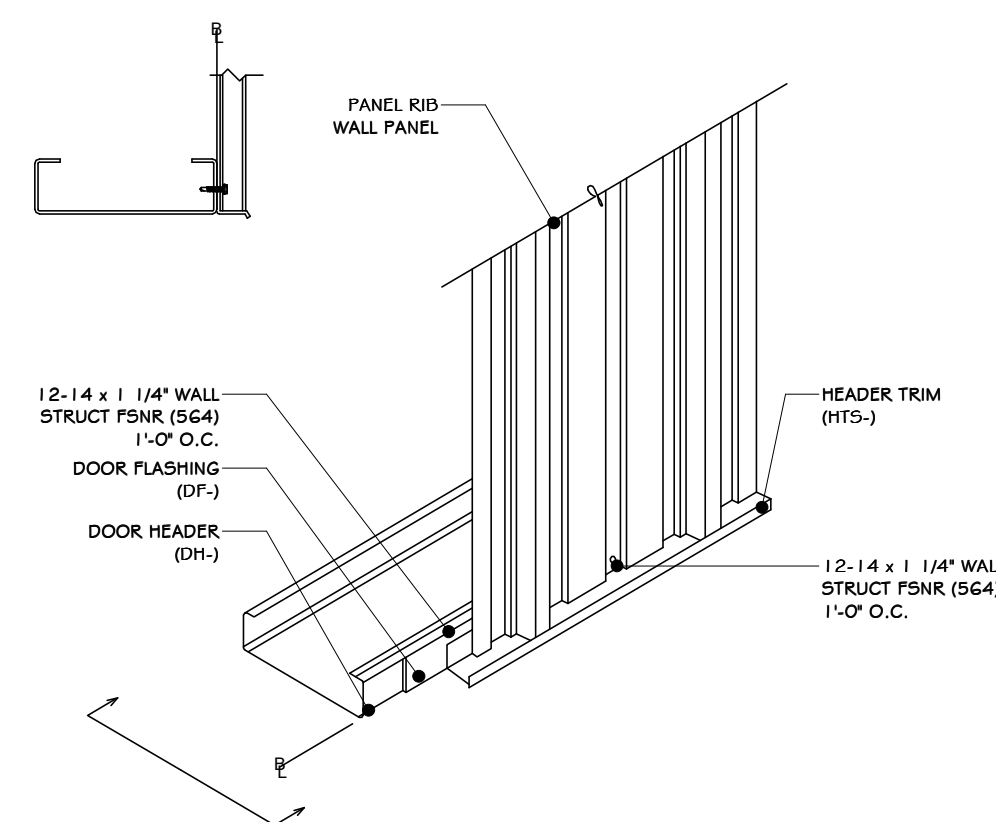
NOT FOR CONSTRUCTION



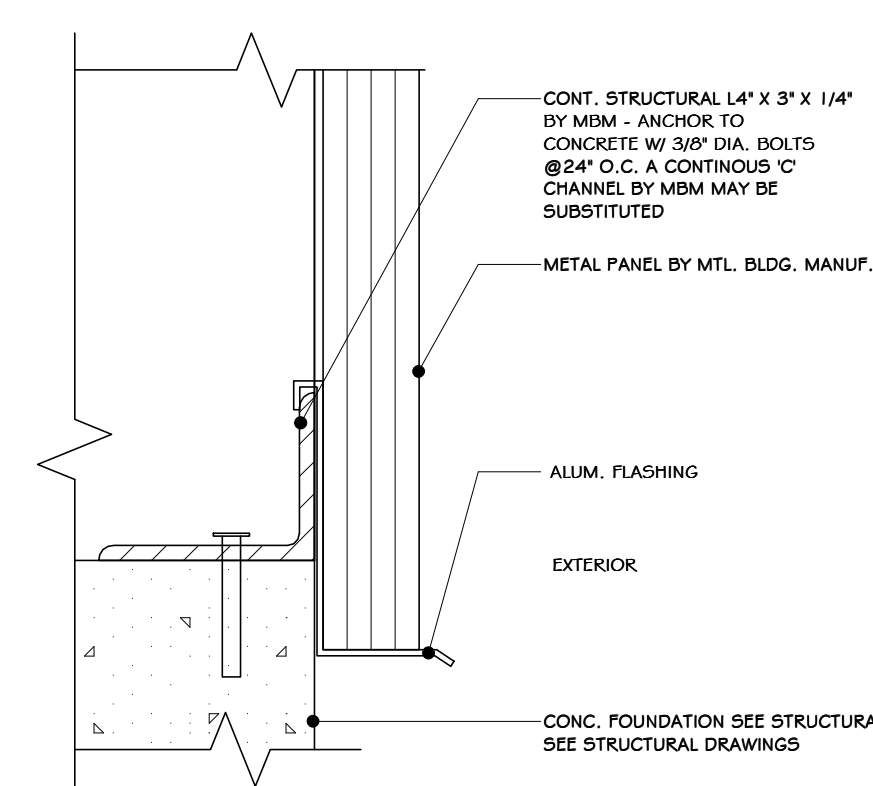
1 MTL BLDG GUTTER DETAIL  
3' = 1'-0"



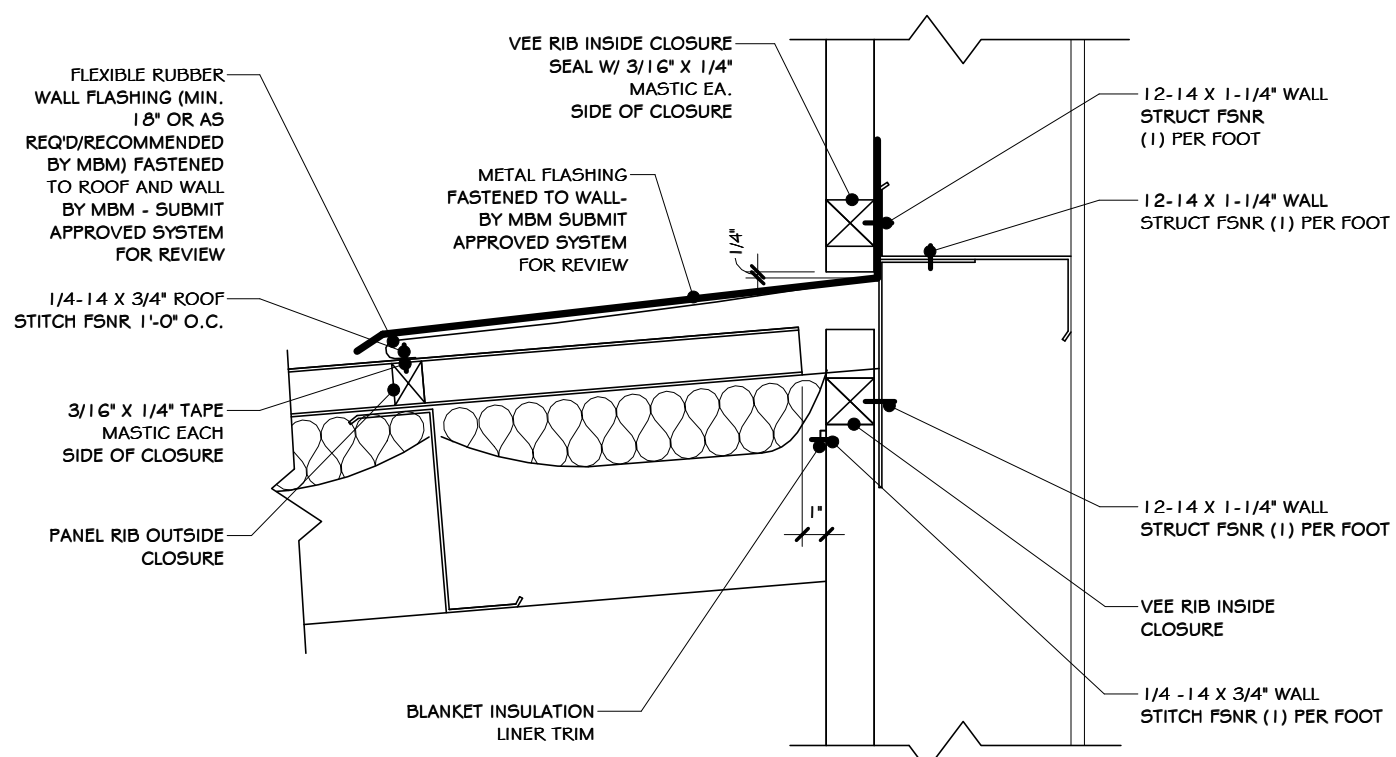
2 MTL DETAIL EAVE TRIM  
3' = 1'-0"



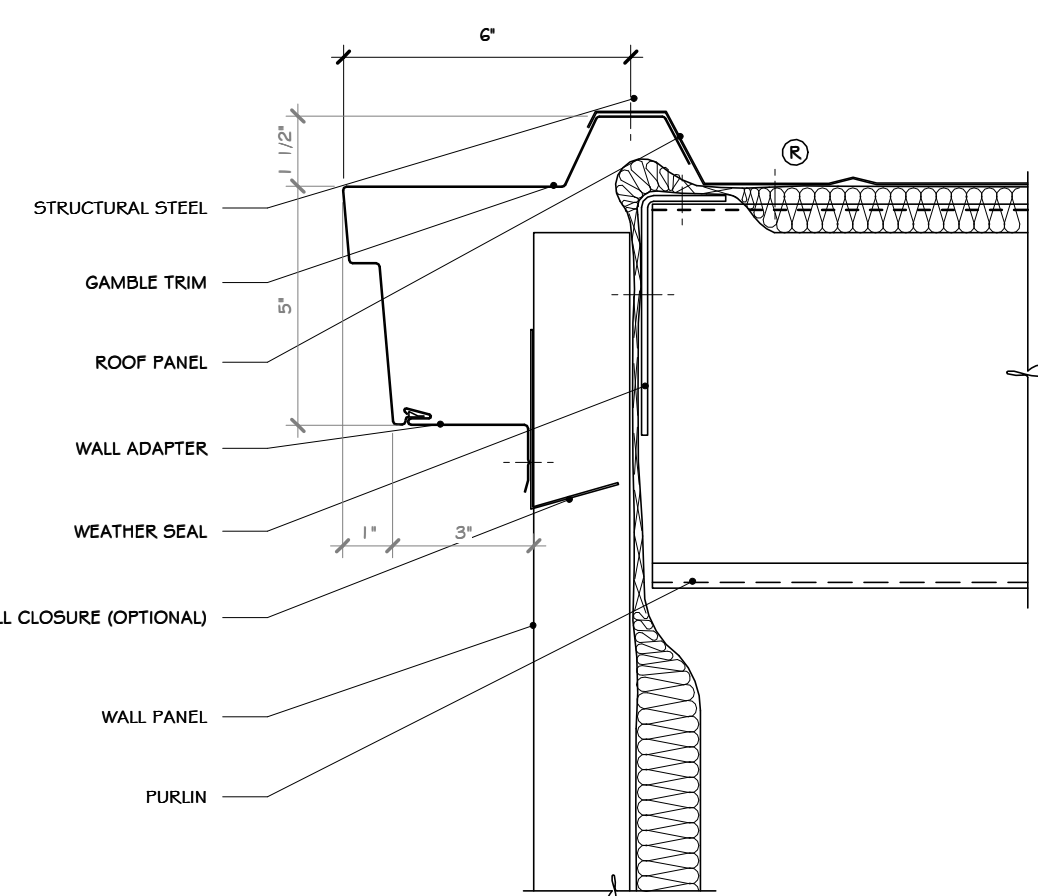
3 WALL TRIM DET. @ DOOR HEADER  
1 1/2" = 1'-0"



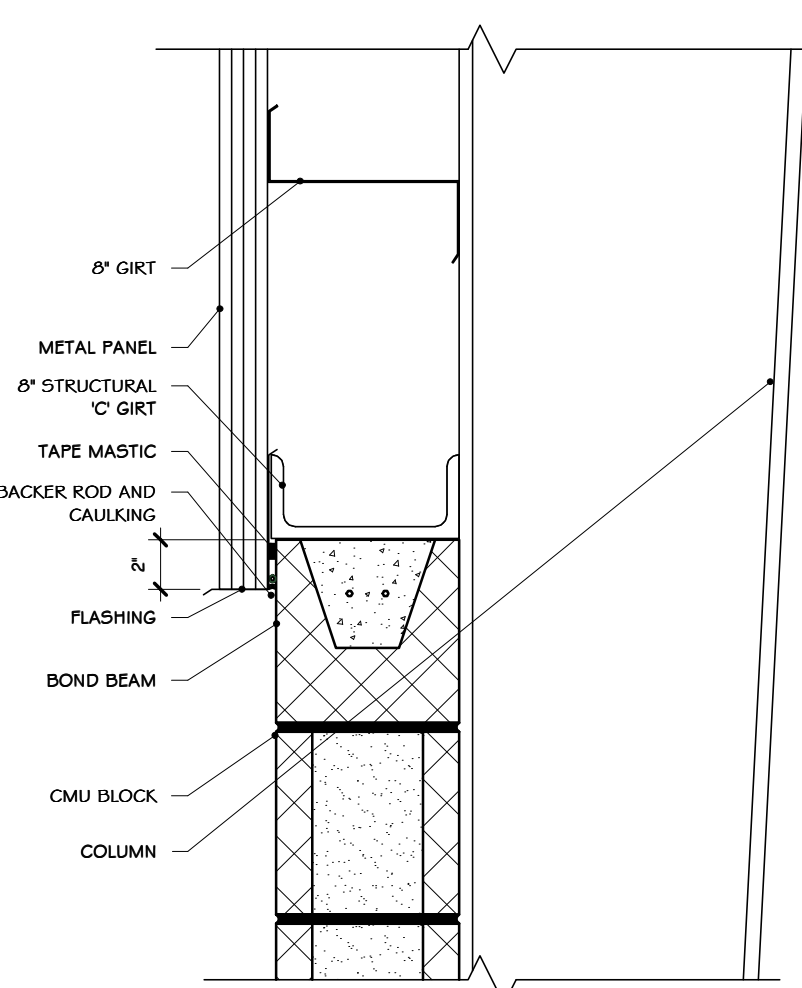
4 MTL PANEL TERMINATION  
3' = 1'-0"



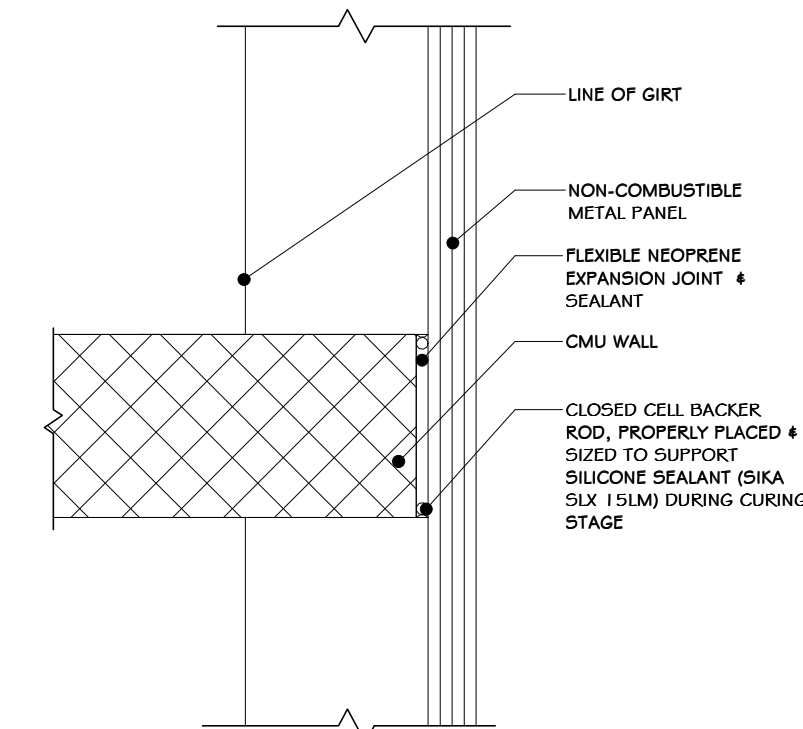
5 DETAIL-ROOF TO EXTERIOR WALL  
1 1/2" = 1'-0"



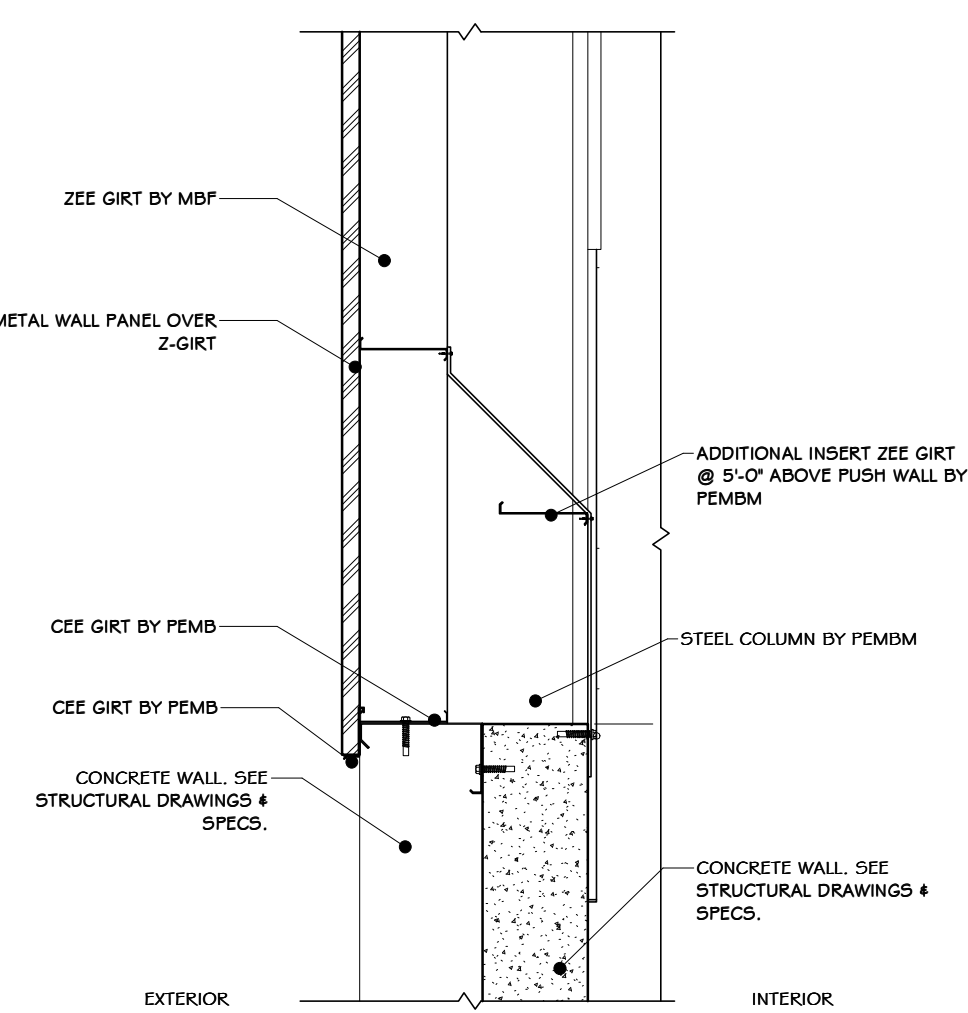
6 MTL BLDG GAMBLE TRIM  
3' = 1'-0"



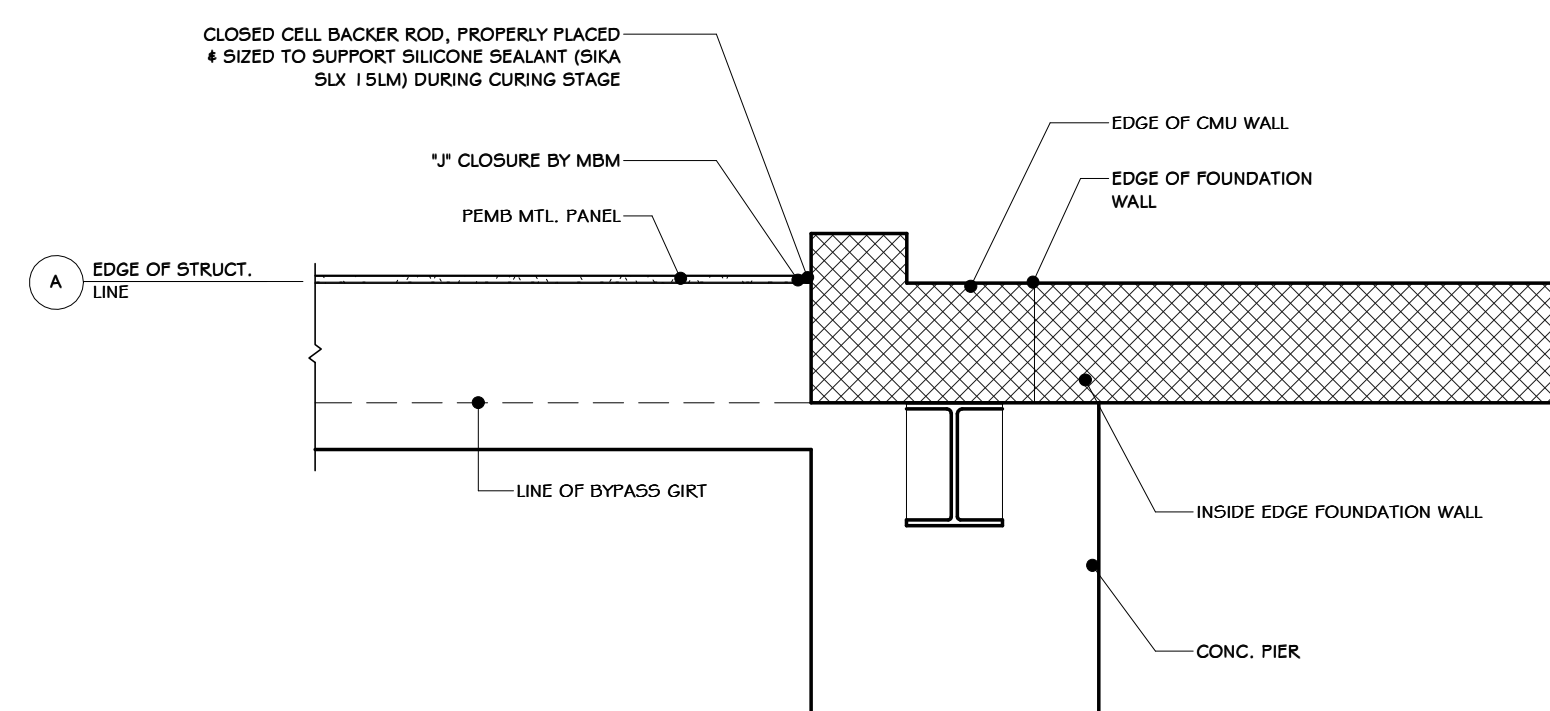
7 MTL PANEL TO BLOCK CONNECTION  
1 1/2" = 1'-0"



8 NON-RATED CMU TO MTL PANEL DETAIL  
1 1/2" = 1'-0"



9 METAL CLOSURE PANEL @ TIPPING FLOOR  
3/8" = 1'-0"



10 INTERSECTION OF PEMB AND CMU  
3/4" = 1'-0"

**STERLING**  
Sterling Environmental Engineering, P.C.

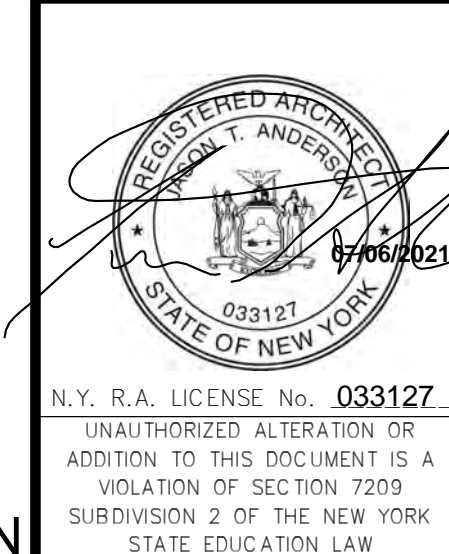
**martin rogers**  
ENGINEERING CONSULTANT  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
1-570-826-1000 | 1-570-825-0888 | www.mrspc.com

**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING INTERIORS

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NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

PEMB DETAILS



REVISED FOR RFP ADDENDUM 6	07-25-21
ISSUED FOR RFP	07-06-21
REV	DESCRIPTION
ADG	PROPRIETARY DATA
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ADG	<b>RRT Engineering, LLC</b>
ADG	1 Huntington Quadrangle, 3501 Nichols, N.Y. 11747
ADG	ph: 631-756-1000 Fax: 631-756-1044

DRAWN	IDEA	DATE	07/06/21	PROJ. No:	499-010	SCALE:	AS SHOWN
CHECKED	ADG	DATE	07/06/21	DWG. NO.:	A-616		A
DESIGNED	ADG	DATE	07/06/21	CAD FILE:			
APPROVED	ADG	DATE	07/06/21	SHEET SIZE:	D-24x36		REV

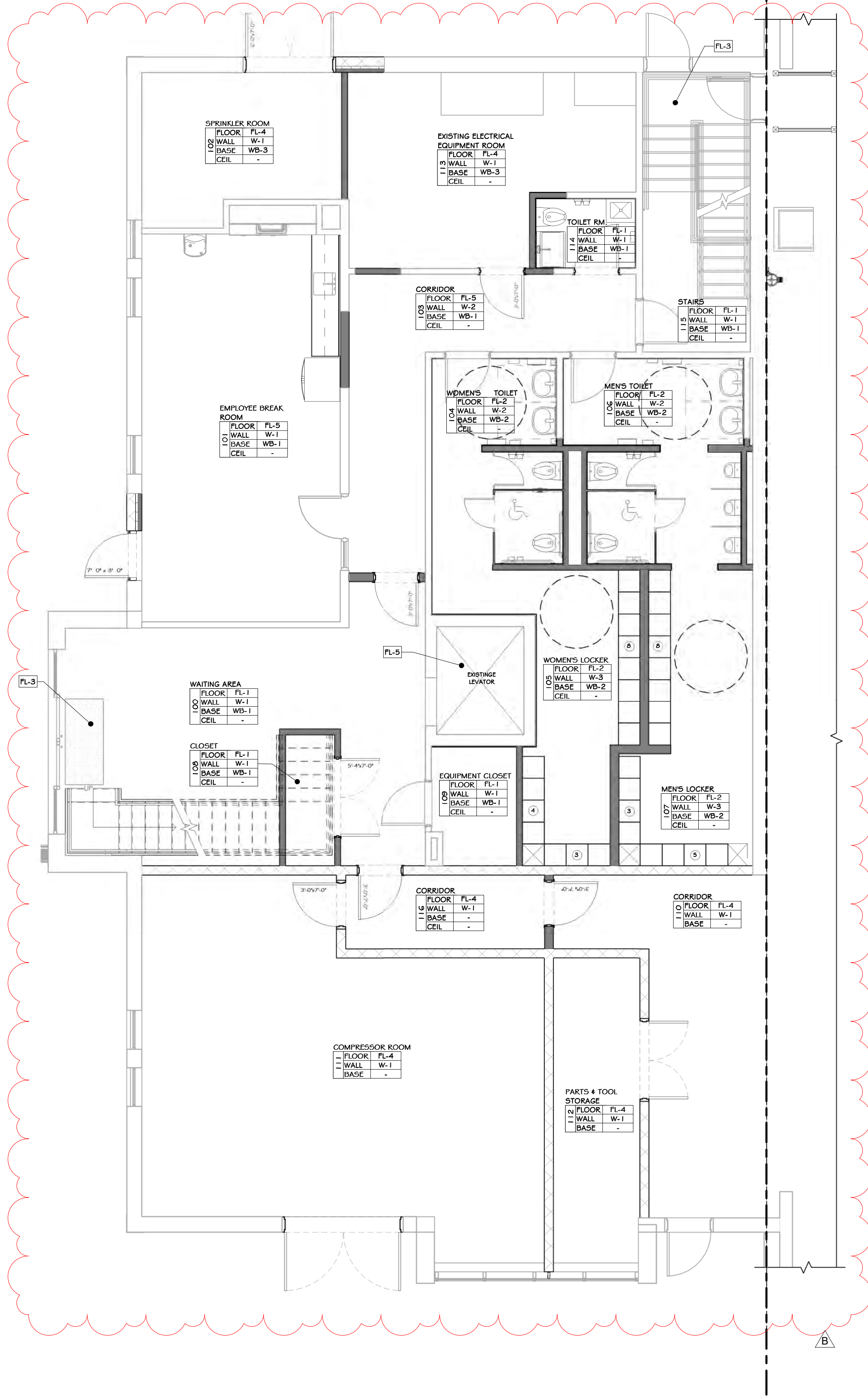
NOT FOR CONSTRUCTION

**CONSTRUCTION NOTES** NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING

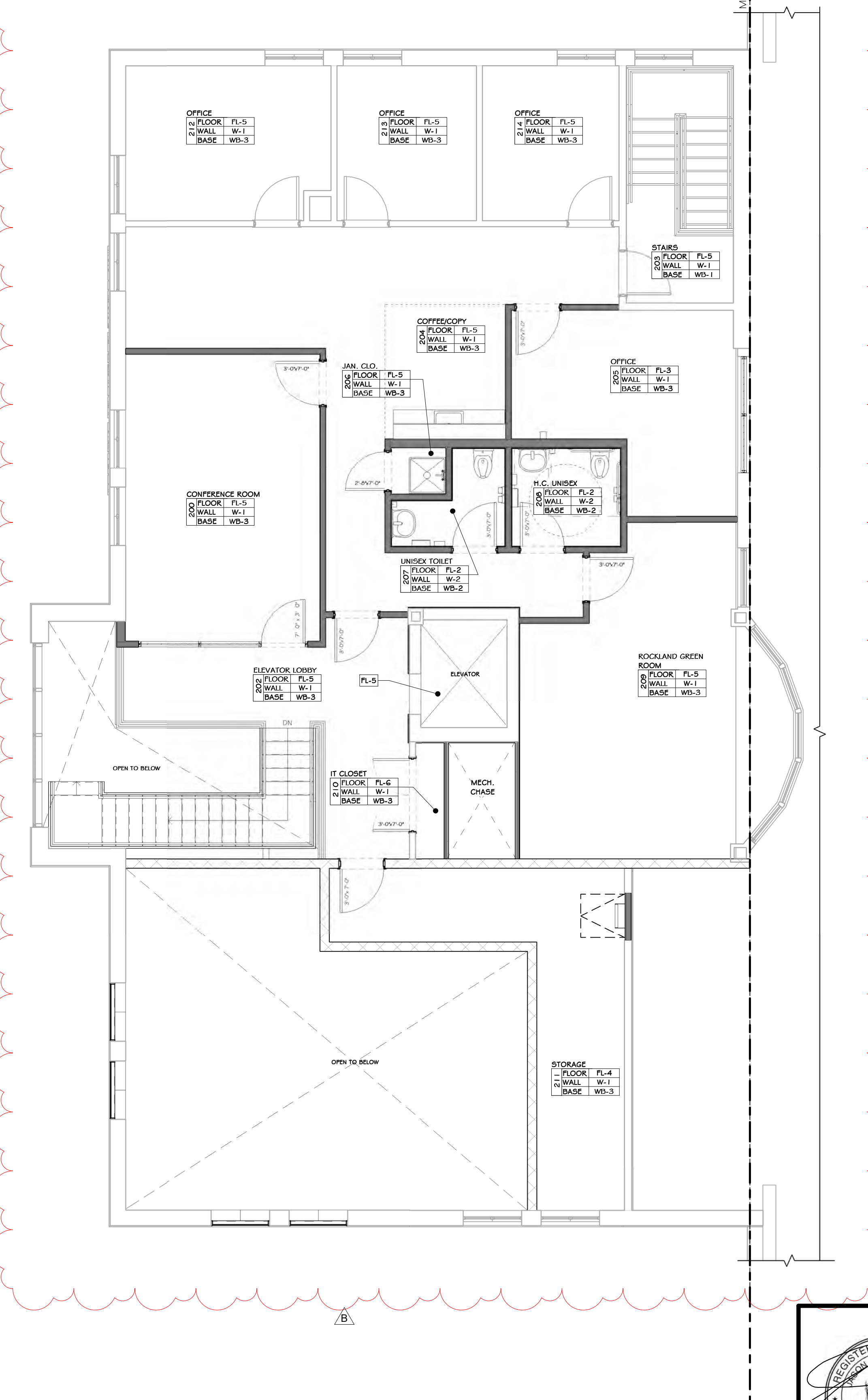
1. PROVIDE SCHLUTER BARS AT ALL FINISH MATERIAL TRANSITIONS, INCLUDING, BUT NOT LIMITED TO TILE TO CARPET, TILE TO GYP BD, CARPET TO WOOD, WOOD TO TILE, ETC.
2. SEE REFLECTED CEILING PLANS FOR CEILING SPECIFICATIONS & FINISH SCHEDULE. (SEE SPECS).

**INTERIOR FINISH SCHEDULE**

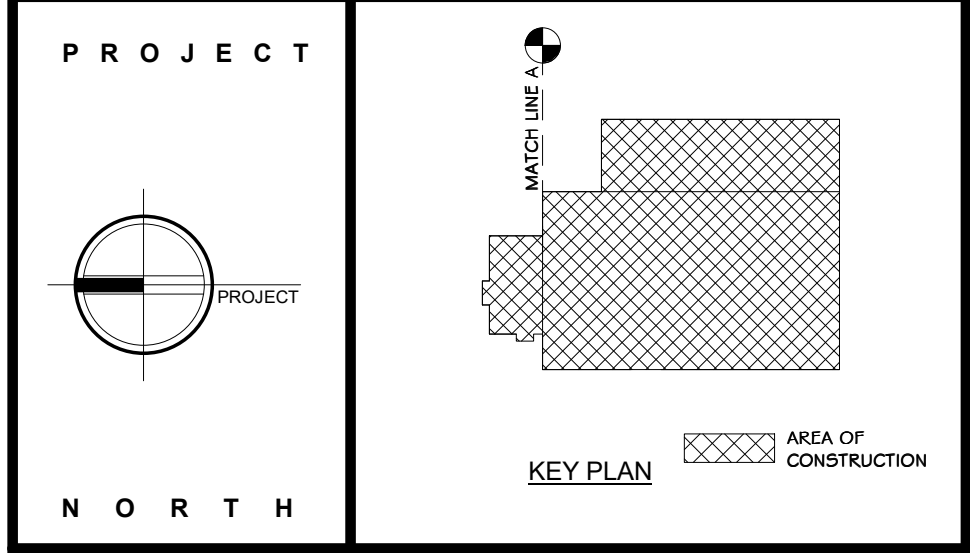
MARK	LOCATION	CODE AND MATERIAL SPECS	NOTES
FL-1	WAITING AREA # 100, EMPLOYEE BREAK ROOM # 101, CORRIDOR # 103, CLOSET # 105, EQUIPMENT CLOSET # 109, TOILET RM. # 114, STAIRS # 115, COFFEY/COPY # 204, JAN. CLO. #206.	12x24" PORCELAIN FLOOR TILE	SEE SPECS
FL-2	WOMEN'S TOILET # 104, WOMEN'S LOCKER # 105, MENS TOILET # 106, MENS LOCKER # 107	12x24" PORCELAIN FLOOR TILE	
FL-4	SPRINKLE # 102, CORRIDOR # 110, COMPRESSOR ROOM # 111, PARTS & TOOL STO. # 112, EXISTING ELEC. EQUIP. RM. # 113, CORRIDOR # 116, COFFEY/COPY AREA # 204, STORAGE # 211	SEALED NATURAL CONCRETE	
FL-5	CONFERENCE ROOM #200, STAIRS # 203, ROCKLAND GREEN ROOM #209, OFFICE #212, 213 & 214	VCT TILE	SEE SPECS
FL-6	IT CLOSET #210	ANTISTATIC VCT	SEE SPECS
WB-1	WAITING AREA # 100, EMPLOYEE BREAK ROOM # 101, CORRIDOR # 103, CLOSET # 105, EQUIPMENT CLOSET # 109, TOILET RM. # 114, STAIRS # 115, ELEVATOR LOBBY #202, COFFEY/COPY #204, JAN. CLO. #206	CERAMIC WALL BASE TO MATCH FLOOR-TILE	SEE SPECS
WB-2	WOMEN'S TOILET # 104, WOMEN'S LOCKER # 105, MENS TOILET # 106, MENS LOCKER # 107	4" X 13"	SEE SPECS
WB-3	SPRINKLE # 102, EXISTING ELEC. EQUIP. RM. # 113, CONFERENCE ROOM #200, STAIRS #203, ROCKLAND GREEN ROOM # 209, IT CLOSET #210, STORAGE # 211, OFFICE #205, OFFICE #212, 213 & 214	RUBBER WALL BASE	SEE SPECS
W-1	WAITING AREA # 100, EMPLOYEE BREAK ROOM # 101, SPRINKLER # 102, CORRIDOR # 103, CLOSET # 105, EQUIPMENT CLOSET # 109, CORRIDOR # 110, COMPRESSOR ROOM # 111, PARTS & TOOL STORAGE # 112, EXISTING ELECTRICAL EQUIPMENT RM. # 113, TOILET RM. # 114, STAIRS # 115, CORRIDOR # 116, CONFERENCE ROOM #200, ELEVATOR LOBBY #202, JAN. CLO. #206, COFFEY/COPY #204, OFFICE #205, STAIRS #203, IT CLOSET #210, STORAGE #211, OFFICE #212, #213, #214, ROCKLAND GREEN ROOM #209.	PAINT (SEE PAINT PLAN)	SEE SPECS
W-2	CORRIDOR # 103, WOMEN'S TOILET # 104, MENS TOILET # 106, UNISEX #207, H.C. UNISEX #208	4" X 13" SUBWAY TILE	SEE SPECS
W-3	WOMEN'S LOCKER # 105, MENS LOCKER # 107	FRP	SEE SPECS



1 FIRST FLOOR FINISH PLAN  
3/16" = 1'-0"



2 SECOND FLOOR FINISH PLAN  
3/16" = 1'-0"



**STERLING**  
Sterling Environmental Engineering, P.C.

**martin rogers**  
ENGINEERING CONSULTANT  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
1-570-825-1000 | 1-570-825-0888 | www.mrspc.com

**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING INTERIORS

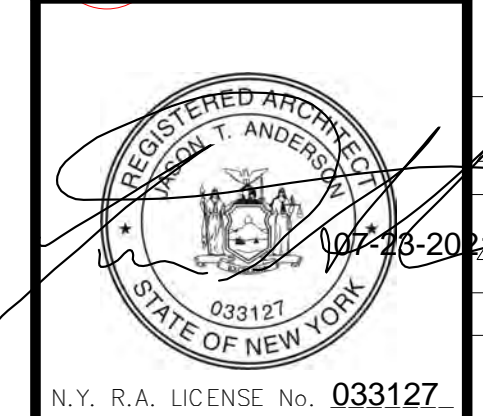
**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**FINISH PLANS**

REV	DESCRIPTION	DATE	BY	DATE
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ISSUED FOR RFP		07-06-21	ADG	07/06/21

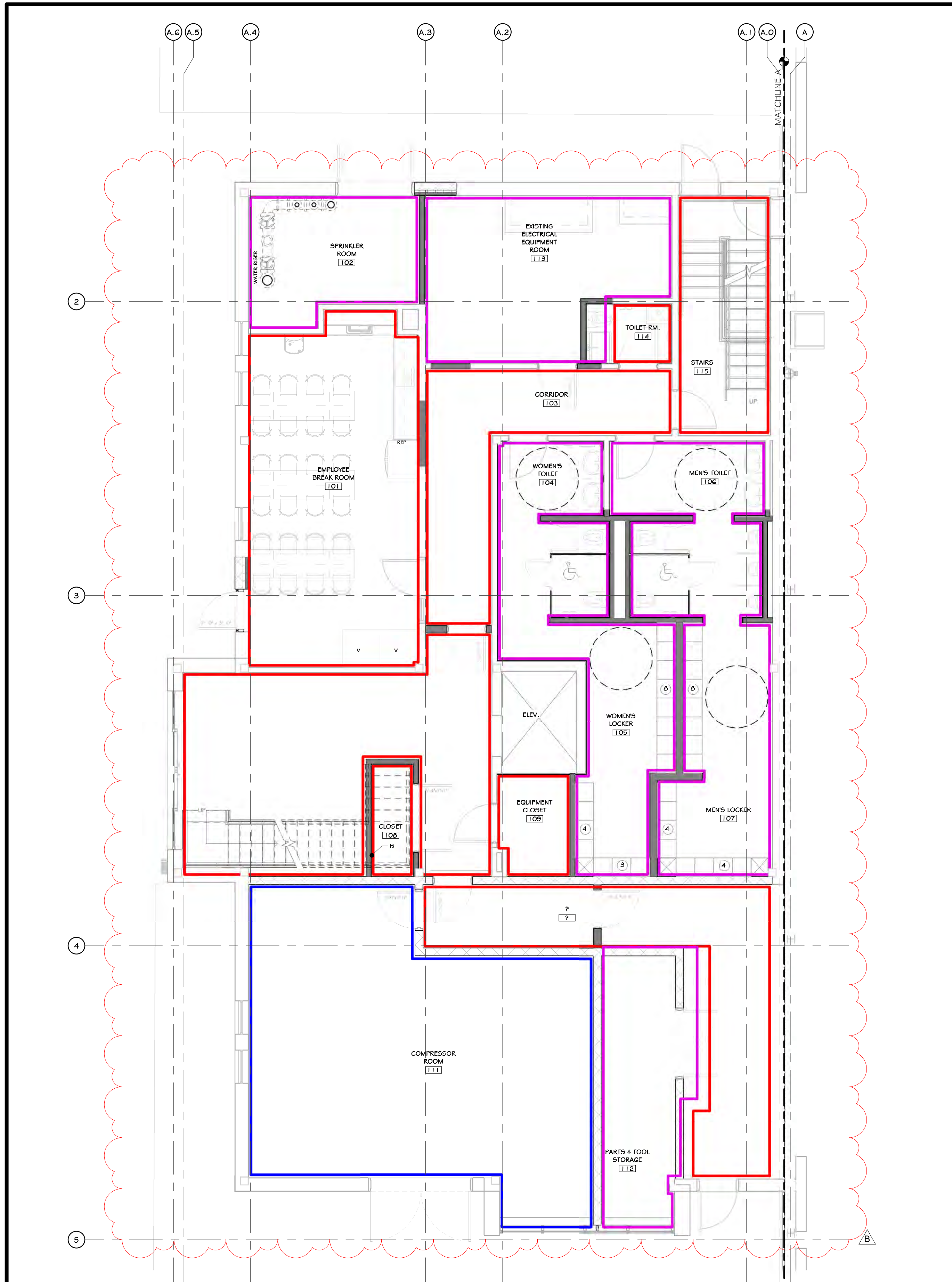
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NO. A-700  
SHEET SIZE: D-24x36



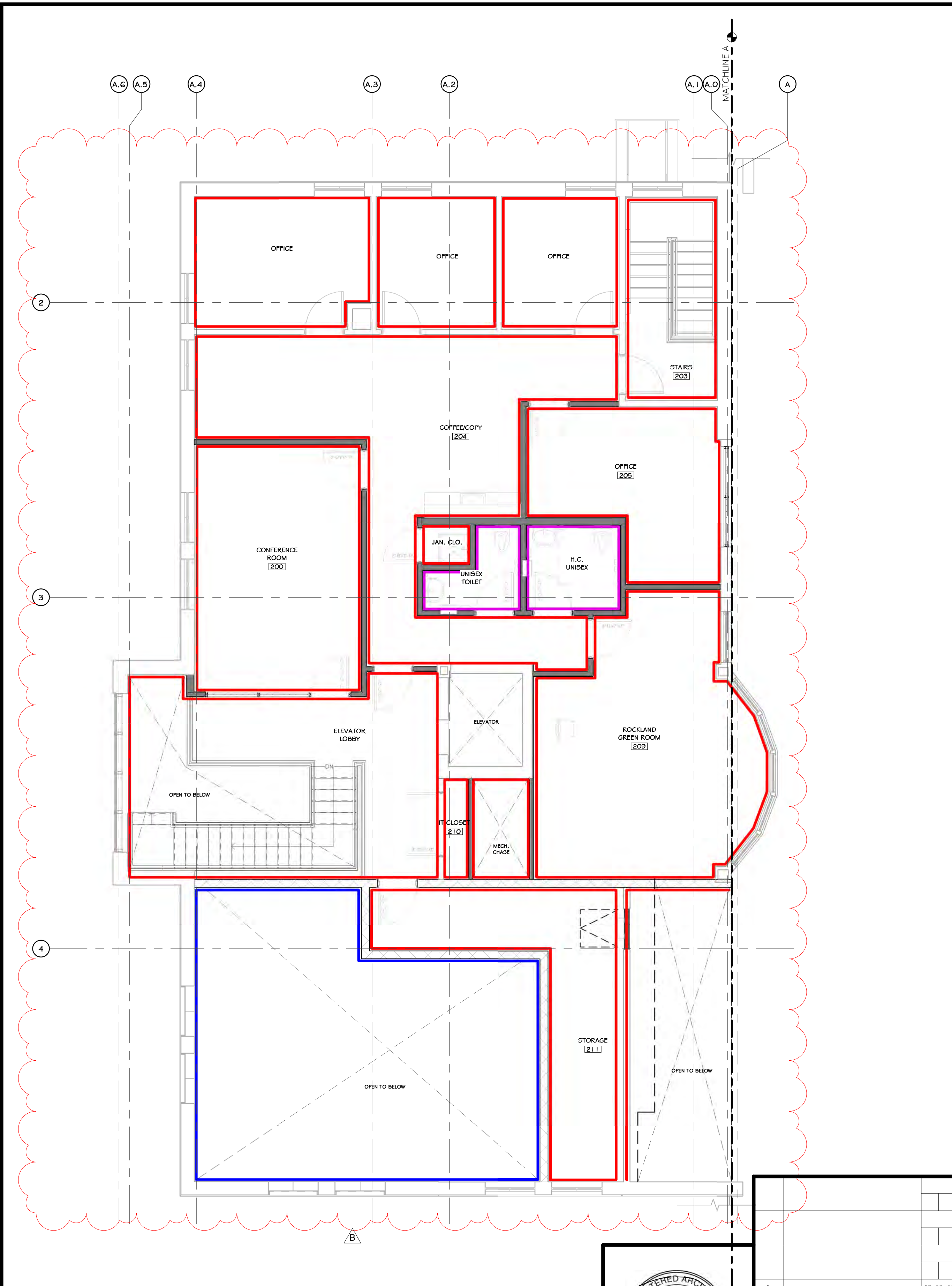
REVISIONS

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**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Merrick, N.Y. 11747  
ph: 631-756-1000  
fax: 631-756-1064



1 FIRST FLOOR PAINT PLAN  
3/16" = 1'-0"



3 SECOND FLOOR PAINT PLAN  
3/16" = 1'-0"

CONSTRUCTION NOTES

INTERIOR PAINTED SURFACES

MARK	SURFACE	1ST COAT	2ND COAT	3RD COAT
P-1	FERROUS & GALVANIZED METALS 1/2"	MATERIAL: PRO INDUSTRIAL PROCRITY UNIVERSAL METAL PRIMER (B6G-310)	MATERIAL: SHER-CRYL HIGH PERFORMANCE ACRYLIC GLOSS (B6G-300)	MATERIAL: SHER-CRYL HIGH PERFORMANCE ACRYLIC GLOSS (B6G-300)
P-2	GYP. BD.	MATERIAL: PROGREEN 200 INTERIOR LATEX WALL PRIMER (B28-W600)	MATERIAL: PROGREEN 200 INTERIOR LATEX SEMI-GLOSS (B31-W651)	MATERIAL: PROGREEN 200 INTERIOR LATEX SEMI-GLOSS (B31-W651)
P-3	WOOD MOULDING WAINSCOT SYSTEM	MATERIAL: PROBLOCK LATEX PRIMER/SEALER (B51-W20)	MATERIAL: PROGREEN 200 INTERIOR LATEX SEMI-GLOSS (B31-W651)	MATERIAL: PROGREEN 200 INTERIOR LATEX SEMI-GLOSS (B31-W651)
P-4	PLYWOOD LINER PANELS	MATERIAL: PROBLOCK LATEX PRIMER/SEALER (B51-W20) BOTH SIDES TO BE PRIMED		
P-5	EXPOSED PIPING, TUBES AND CONDUIT (IN FINISHED AREAS)	MATERIAL: PRO INDUSTRIAL PROCRITY UNIVERSAL METAL PRIMER (B6G-310)	MATERIAL: SHER-CRYL HIGH PERFORMANCE ACRYLIC GLOSS (B6G-300)	MATERIAL: SHER-CRYL HIGH PERFORMANCE ACRYLIC GLOSS (B6G-300)
P-6	CONCRETE FLOOR STRIPING	PAINT BY OTHERS		
P-7	GYP. BD. @ TOILET & JANITOR ROOMS	MATERIAL: PROGREEN 200 INTERIOR LATEX WALL PRIMER (B28-W600)	MATERIAL: PRECATALYZED ONE COMPONENT WATER-BASED EPOXY	MATERIAL: PRECATALYZED ONE COMPONENT WATER-BASED EPOXY
P-8	MISC. MOUNTING BBS.	MATERIAL: PROBLOCK ALTEX PRIMER/SEALER (B51-W20)	MATERIAL: INDUSTRIAL ZERO VOC ACRYLIC COATING SEMI-GLOSS (B6G-650)	MATERIAL: PRO INDUSTRIAL ZERO VOC ACRYLIC COATING SEMI-GLOSS (B6G-650)

PAINT SCHEDULE

COLOR	DESCRIPTION
A	(09.91.13.03) LATEX PAINT ALL EXPOSED BLOCK SURFACES/ PAINT SYSTEM E.J. BLOCK, FILLER AND TWO FINISH COATS LATEX
B	(09.91.23.04) INTERIOR LATEX DRYWALL PAINT/ PAINT SYSTEM F.R.S. DRYWALL SYSTEMS, PRIMER AND TWO FINISH COATS
C	SW 7009 PEARLY WHITE/ PREMIUM GRADE LATEX SEMI-GLOSS ENAMEL 2 COATS OVER PRIMER. USE "HARMONY" INTERIOR LATEX LOW ODOR COATINGS FOR REDUCED ENVIRONMENTAL IMPACT.)

LEGEND:  
- - - DASHED LINES INDICATE THE SOFFIT, FASCIA AND HIGH WALL ABOVE, UNLESS OTHERWISE NOTED.

- NOTES:  
1. NOTE: 5' X 5' SAMPLE WALL TO BE PAINTED FOR EA COLOR, TO BE APPROVED BY ARCHITECT & OWNER PRIOR TO PURCHASE OF PAINTED FOR FULL PROJECT.  
2. FM FRAME NOTES - TO BE PAINTED SHERWIN WILLIAMS "IRON GREY" SEMI GLOSS FINISH, U.O.N  
3. BATHROOM / BREAK ROOM WALLS ABOVE TILE - "CHRISTMAS WHITE"  
4. ALL "BACK AREA" WALLS TO BE "CHRISTMAS WHITE"

PROJECT

NORTH

KEY PLAN

AREA OF CONSTRUCTION

**STERLING**  
Sterling Environmental Engineering, P.C.

**martin rogers**  
ENGINEERING CONSULTANTS  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
1.570.826.1000 | 1.570.825.0888 | www.mrspc.com

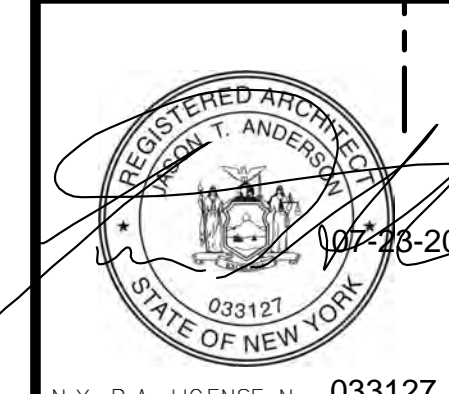
**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING  
INTERIORS

**RRT Engineering, LLC**  
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PAINT PLANS

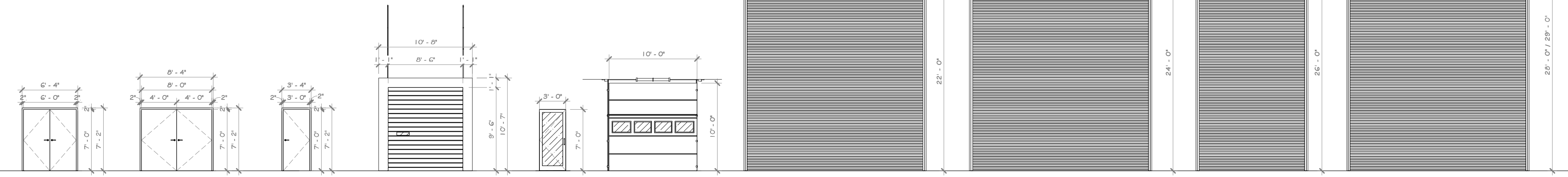
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IDEA	07/06/21	499-010	AS SHOWN
CHECKED	ADG	DWG. NO:	A-701
DESIGNED	ADG	CAD FILE:	
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APPROVED			REV



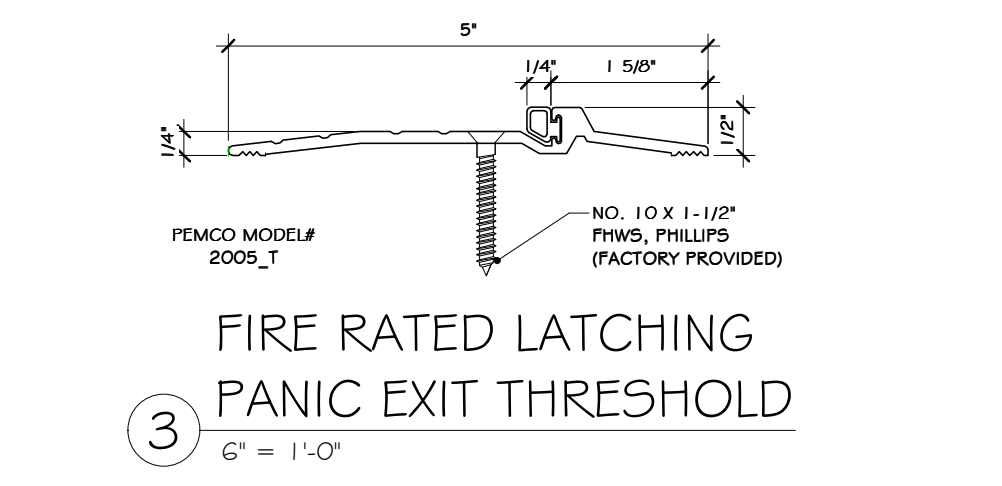
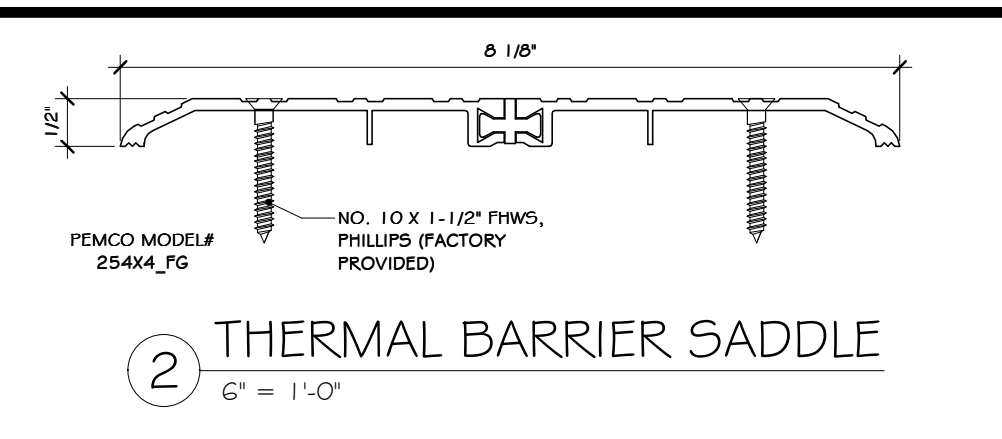
REV	DESCRIPTION	DATE	BY
1	REVISED FOR RFP ADDENDUM 6	07-25-21	ADG
2	ISSUED FOR RFP	07-06-21	ADG
3	PROPRIETARY DATA	07-06-21	ADG

PROPRIETARY DATA  
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**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Melville, N.Y. 11747  
ph: 631-756-1000  
fax: 631-756-1064

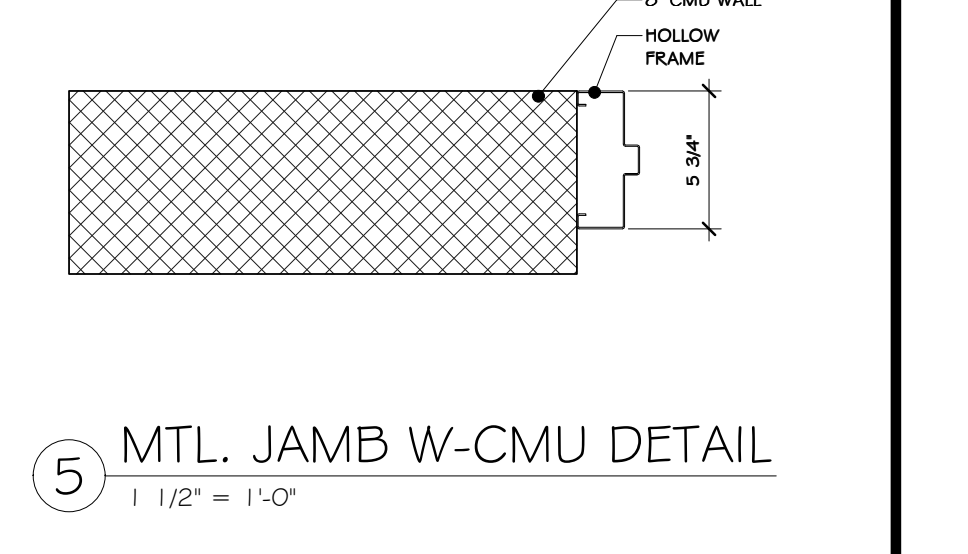




① TYPICAL DOOR ELEVATION  
1/8" = 1'-0"



- CONSTRUCTION NOTES** NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING
- ALL OPENING SIZES TO BE VERIFIED IN FIELD WITH ROUGH FRAMING.
  - ALL DOOR HARDWARE TO BE SAME STYLE - SUBMIT TO ARCHITECT FOR APPROVAL.
  - DOOR PROVIDER TO COORDINATE KICKING WITH OWNER THROUGH ARCHITECT.
  - ALL HARDWARE TO BE BRUSHED ALUMINUM, U.O.N.
  - ALL DOOR # HARDWARE SPECIFIED IS BY INCERSSOLL RAND (LGN, SCHALE, IVES, VON DORRIN, STEELCRAFT) OR APPROVED EQUAL. PROVIDE FULL SUBMITTAL PACKAGE FOR ALL.
  - ALL CLOSERS TO HAVE HOLD-OPEN FEATURE.



**DOCK LEVELER SCHEDULE**

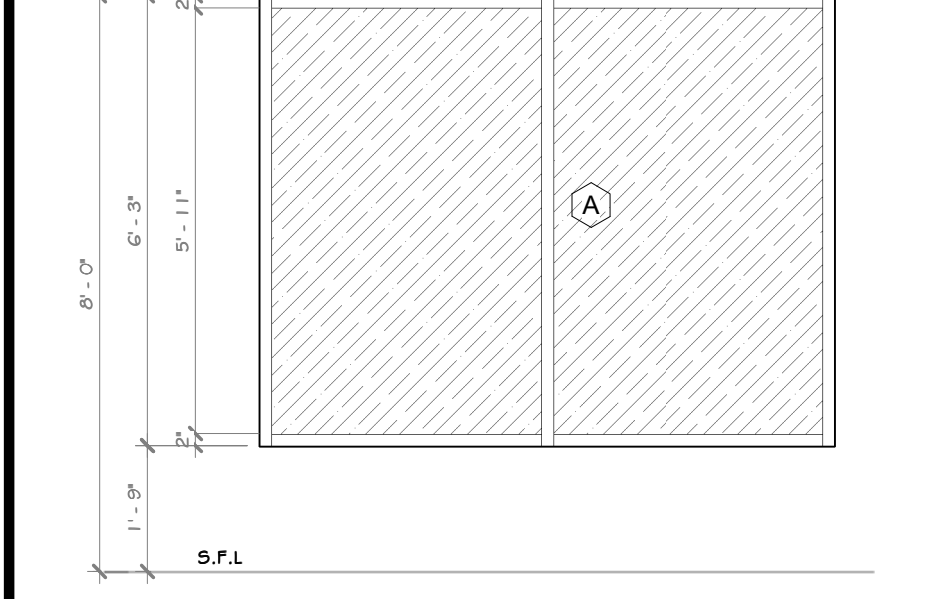
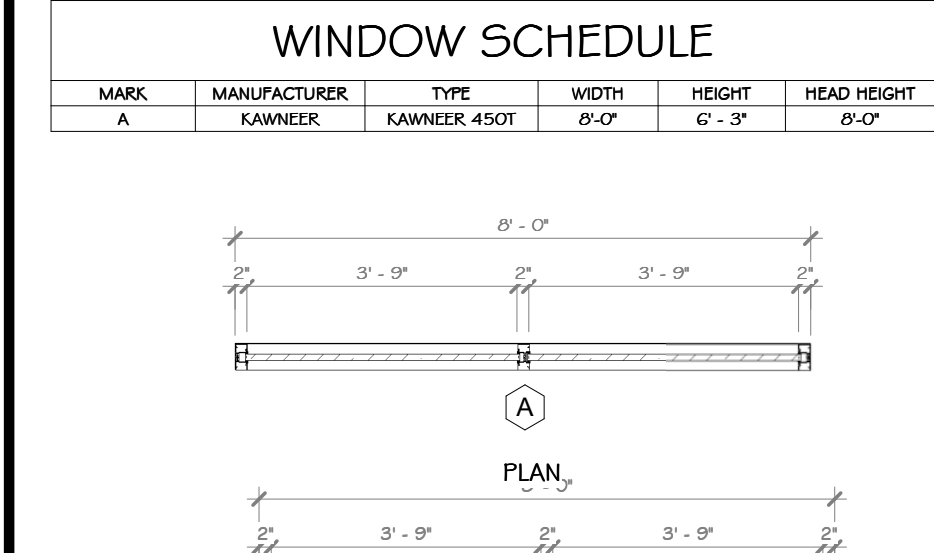
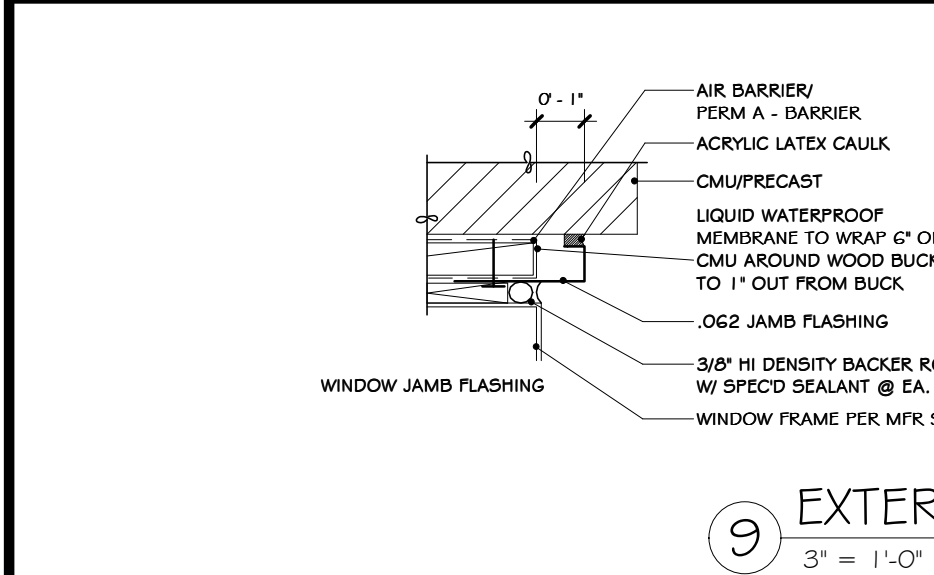
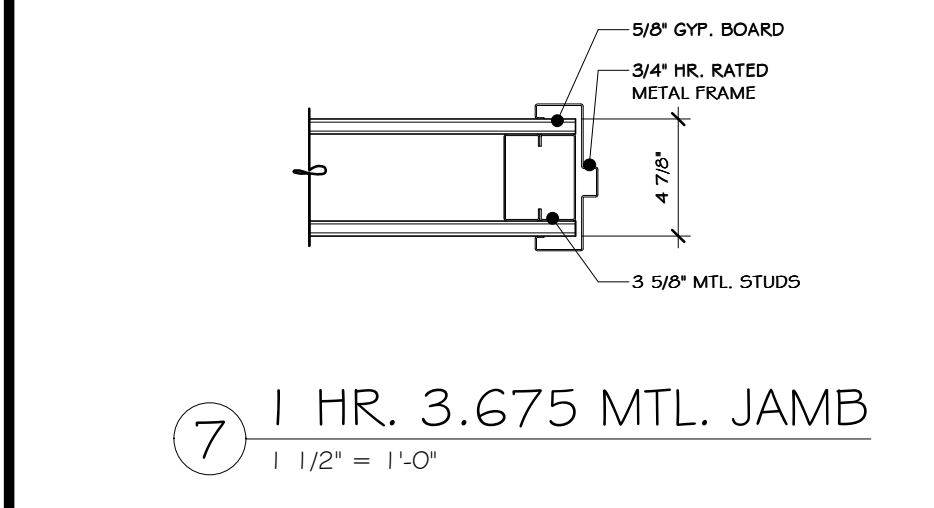
LEVELER MARK	LEVELER TYPE	DOOR #	QTY	NOTES	Comments
LC01	Wayne Dalton insulated sectional overhead doors, Thermogrip 150 series	4	4		Door 001 to 004

- ABBREVIATIONS**
- DOOR CORE:**  
 PFC - PARTICLE CORE  
 HC - HONEYCOMB  
 POLY - POLYURETHANE FOAM  
 SOLID - SOLID WOOD
- DOOR EDGE:**  
 HDWD - MATCHING HARDWOOD STILES
- FINISHES:**  
 PT - PAINTED  
 STN - STAINED  
 B,A - BRONZED ANODIZED  
 MILL - MILL FINISH BRUSHED
- MATERIALS:**  
 AGO - GALVANNEAL STEEL  
 HM - HOLLOW METAL  
 SL - REMIUM PLAIN SLICED (TYPE TO BE DETERMINED)  
 WD - WOOD  
 AL - ANODIZED ALUMINUM  
 ALM - ANODIZED ALUMINUM CLEAR FINISH  
 BAL - BRUSHED ALUMINUM
- DOOR TYPE:**  
 C - CUSTOM GLASS  
 F - FLUSH  
 G - GLASS  
 HG - HALF GLASS  
 VP - 4x25" NARROW LITE  
 LB - 24"x24" LOUVER

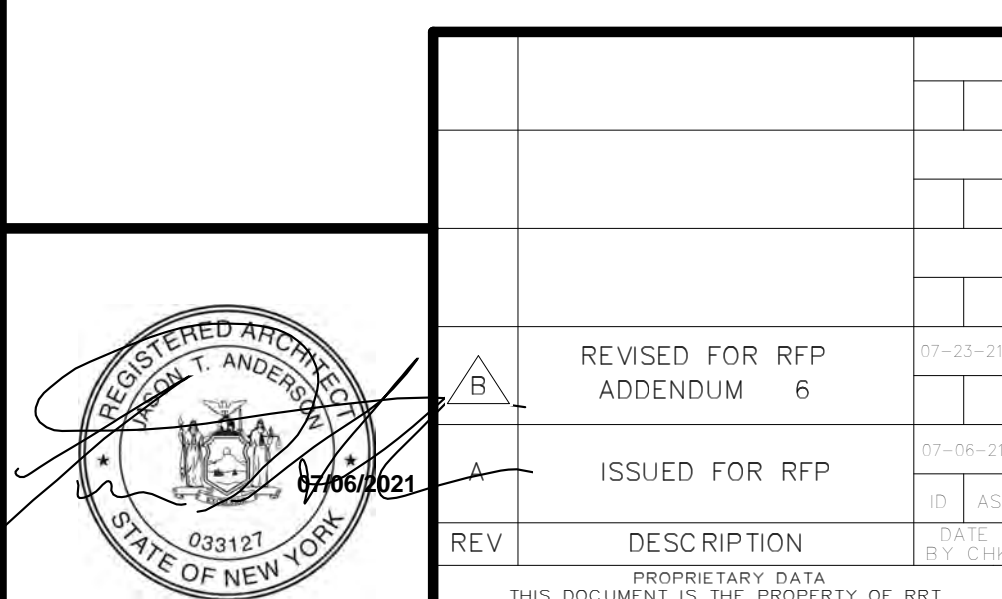
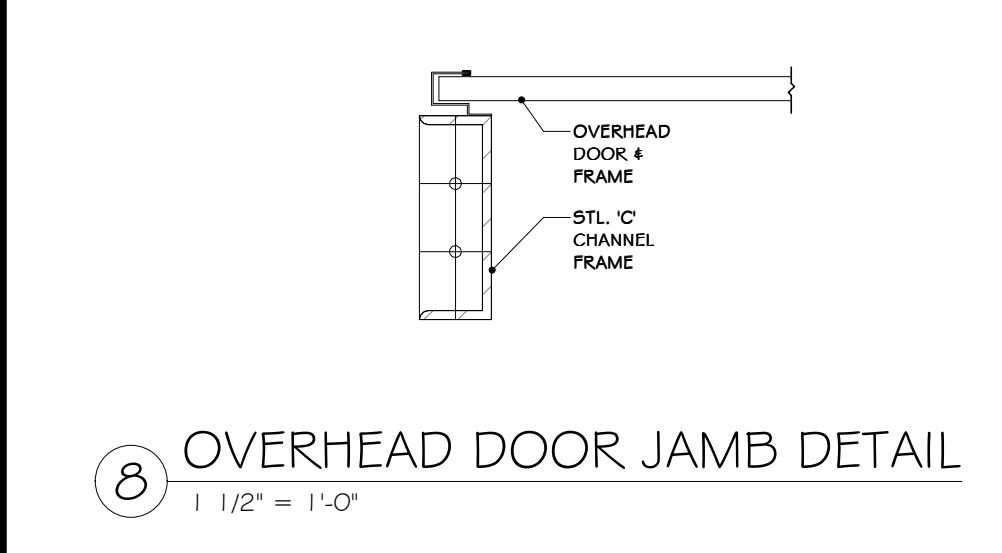
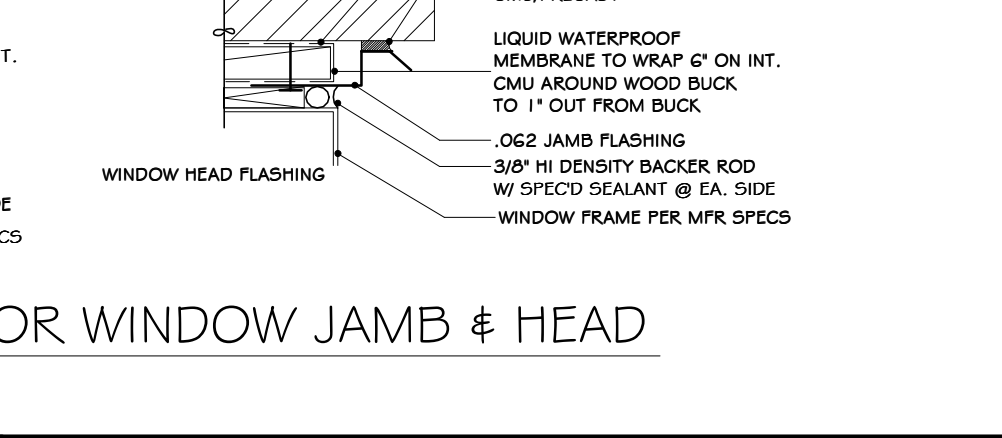
- FRAME CONSTRUCTION:**  
 KD - KNOCK DOWN  
 FFW - FULL FACE WELD  
 PF - PREFINISHED
- ANCHOR TYPE:**  
 MS - METAL STUD  
 MRY - MASONRY CMU  
 WS - WOOD STUD  
 AS - ALUMINUM STOREFRONT  
 STLCHN - STEEL CHANNEL
- DESIGNATIONS:**  
 BA - BRONZED ANODIZED  
 INT - INTERIOR, OR INTERIOR MOUNT  
 EXT - EXTERIOR OR EXTERIOR MOUNT  
 PV - PIVOT HINGE  
 SL - SLIM LINE  
 WS - WALL STOP  
 FS - FLOOR STOP  
 WESTP - WEATHER STRIP  
 INTNL - INTERNAL CONCEALED  
 HD - HEAVY DUTY

**SCHEDULE OF DOORS**

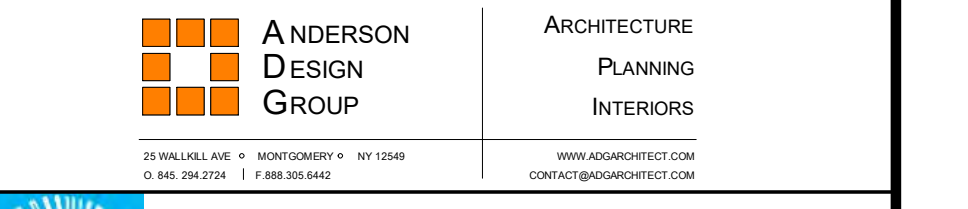
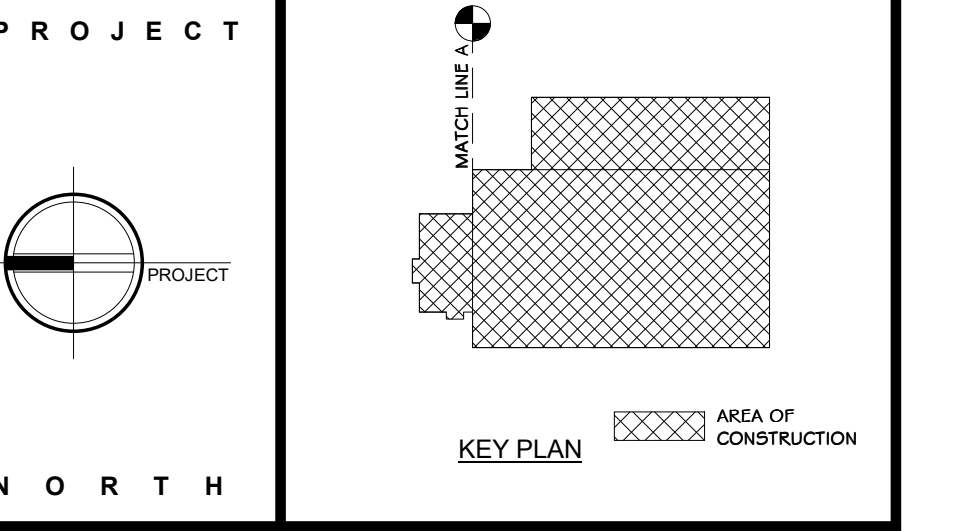
MARK	LOCATION	FROM RM.#	TO RM.#	DOOR ELEV.	NOMINAL SIZE WIDTH	HEIGHT	OPERATION	HAND	LABEL	STC	WALL TYPE	ROUGH OPENING WIDTH	HEIGHT	MASONRY OPENING WIDTH	HEIGHT	TYPE	FRAME MATR'L	GALUGE	FINISH	DOOR SLAB MATR'L	THICKNESS	FINISH	HOW SET	REMARKS
001	AREA C	LOADING AREA	169	3	8'-0"	9'-0"	[Pull] Keyed/Chain Hoist/Electrc Motor/Push Button/Key/IF with Button w/ Key]]	-	As Spcific d in OS 36.00								METAL			1 3/8"				
002	AREA C	LOADING AREA	169	3	8'-0"	9'-0"	[Pull] Keyed/Chain Hoist/Electrc Motor/Push Button/Key/IF with Button w/ Key]]	-	As Spcific d in OS 36.00								METAL			1 3/8"				
003	AREA C	LOADING AREA	169	3	8'-0"	9'-0"	[Pull] Keyed/Chain Hoist/Electrc Motor/Push Button/Key/IF with Button w/ Key]]	-	As Spcific d in OS 36.00								METAL			1 3/8"				
004	AREA C	LOADING AREA	169	3	8'-0"	9'-0"	[Pull] Keyed/Chain Hoist/Electrc Motor/Push Button/Key/IF with Button w/ Key]]	-	As Spcific d in OS 36.00								METAL			1 3/8"				
005	AREA 5	STORAGE AREA	167	5	12'-0"	24'-0"											METAL							
006	AREA 4	COMMINGLED TIPPING AREA	168	7	20'-0"	24'-0"											METAL							
007	AREA 4	COMMINGLED TIPPING AREA	168	7	20'-0"	24'-0"											METAL							
008	AREA 1	EXISTING TIPPING AREA	96	9	20'-0"	24'-0"											METAL							
009	AREA 1	EXISTING TIPPING AREA	96	9	20'-0"	24'-0"											METAL							
010	AREA 1	EXISTING TIPPING AREA	96	9	20'-0"	24'-0"											METAL							
011	AREA 2	EXISTING PROCESSING AREA	96	6	20'-0"	24'-0"											METAL							
012	AREA 2	EXISTING PROCESSING AREA	96	6	20'-0"	24'-0"											METAL							
013	AREA 1	EXISTING TIPPING AREA	96	5	10'-0"	10'-0"	[Pull] Keyed/Chain Hoist/Electrc Motor/Push Button/Key/IF with Button w/ Key]]		As Spcific d in OS 36.00								METAL			1 3/8"				
014	AREA 1	EXISTING TIPPING AREA	96	5	10'-0"	10'-0"	[Pull] Keyed/Chain Hoist/Electrc Motor/Push Button/Key/IF with Button w/ Key]]		As Spcific d in OS 36.00								METAL			1 3/8"				
015	AREA 2	EXISTING PROCESSING AREA	96	5	10'-0"	10'-0"											METAL							
016	TOLLET RM.	114	CORRIDOR	103	3'-0"	7'-0"	SWING										METAL			1 3/4"				
100	COMPRESSOR ROOM	111	EXTERIOR	-	1	8'-0"	7'-0"	SWING									HM	IG	PAINT	MTL	1 3/4"	PAINT	01	
101	CORRIDOR	110	PARTS & TOOL STORAGE	112	1	5'-4"	7'-0"	SWING	90 MIN								HM	IG	PAINT	MTL	1 3/4"	PAINT	02	
102	COMPRESSOR ROOM	111	CORRIDOR	116	2	3'-0"	7'-0"	SWING	RH 90 MIN								HM	IG	PAINT	MTL	1 3/4"	PAINT	03	
103	WAITING AREA	100	CORRIDOR	116	2	3'-0"	7'-0"	SWING	LHR								HM	IG	PAINT	MTL	1 3/4"	PAINT	04	
104	WAITING AREA	100	CLOSET	108	1	5'-4"	7'-0"	SWING	LH								HM	IG	PAINT	MTL	1 3/4"	PAINT	03	
105	WAITING AREA	100	CORRIDOR	103	2	3'-0"	7'-0"	SWING	LH								HM	IG	PAINT	MTL	1 3/4"	PAINT	04	
106	SPRINKLER ROOM	102	EXTERIOR	-	10	6'-0"	7'-0"	SWING									HM	IG	PAINT	MTL	1 3/4"	PAINT	01	
107	EXISTING ELECTRICAL EQUIPMENT ROOM	113	CORRIDOR	103	4	3'-0"	7'-0"	SWING									EXISTING			1 3/4"				08
108	STORAGE	171	SPRINKLER ROOM	170	4	3'-0"	7'-0"	RI									HM			1 3/4"				
110	STORAGE	171	AREA 5 STORAGE AREA	167	4	3'-0"	7'-0"	RI									HM			1 3/4"				
112			AREA 4 COMMINGLED TIPPING AREA	168	4	3'-0"	7'-0"	RI									HM			1 3/4"				
113			AREA 4 COMMINGLED TIPPING AREA	168	4	3'-0"	7'-0"	RI									HM			1 3/4"				
114			AREA 1 EXISTING TIPPING AREA	96	4	3'-0"	7'-0"	LH									HM			1 3/4"				
115			AREA 1 EXISTING TIPPING AREA	96	4	3'-0"	7'-0"	LH									HM			1 3/4"				
116	CORRIDOR	116	CORRIDOR	110	4	3'-0"	7'-0"	SWING									HM	IG	PAINT	MTL	1 3/4"	PAINT		
118	AREA 2	EXISTING PROCESSING AREA	96	4	3'-0"	7'-0"	SWING										HM			1 3/4"				
200	CONFERENCE ROOM	200	CONFERENCE	204	2	3'-0"	7'-0"	SWING	RH								HM	IG	PAINT	MTL	1 3/4"	PAINT	04	
201	OFFICE	205	CONFERENCE	204	2	3'-0"	7'-0"	SWING	RH								HM	IG	PAINT	MTL	1 3/4"	PAINT	04	
202	COFFEE/COFY	204	JAN. CLO.	206	2	2'-8"	7'-0"	SWING	RHR								HM	IG	PAINT	MTL	1 3/4"	PAINT	03	
203	UNISX	207	CONFERENCE	204	2	3'-0"	7'-0"	SWING	RH								HM	IG	PAINT	MTL	1 3/4"	PAINT	05	
204	H.C. UNISX	206	CONFERENCE	204	2	3'-0"	7'-0"	SWING	LH								HM	IG	PAINT	MTL	1 3/4"	PAINT	05	
205	ROCKLAND GREEN ROOM	209	CONFERENCE	204	2	3'-0"	7'-0"	SWING	LH								HM	IG	PAINT	MTL	1 3/4"	PAINT	04	
206	ELEVATOR LOBBY	202	CONFERENCE	204	2	3'-0"	7'-0"	SWING	LHR								HM	IG	PAINT	MTL	1 3/4"	PAINT	04	
207	ELEVATOR LOBBY	210	ELEVATOR	202	2	3'-0"	7'-0"	SWING	RHR								HM	IG	PAINT	MTL	1 3/4"	PAINT	02	
208	STORAGE	211	ELEVATOR LOBBY	202	2	3'-0"	7'-0"	SWING									HM	IG	PAINT	MTL	1 3/4"	PAINT	04	
500	EMPLOYEE BREAK ROOM	101	EXTERIOR	-	3	3'-0"	7'-0"	SWING									AL	FACTORY FINISH	AL/ GL	1 3/4"	FACTORY FINISH	06		KAWNEER TRIFAB 45 1 T THERMAL STOREFRONT SYSTEM CENTER GLAZE
600	CONFERENCE ROOM	200	ELEVATOR LOBBY	202	3	3'-0"	7'-0"	SWING									AL	FACTORY FINISH	AL/ GL	1 3/4"	FACTORY FINISH	07		KAWNEER TRIFAB 45 1 T NON-THERMAL STOREFRONT SYSTEM, CENTER GLAZED



⑩ WINDOW ELEVATION  
3/8" = 1'-0"  
NOT FOR CONSTRUCTION



⑩ WINDOW ELEVATION  
3/8" = 1'-0"  
NOT FOR CONSTRUCTION



**ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS**  
 420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**DOORS & WINDOW SCHEDULE**

BY	DATE	PROJ. No:	SCALE:
IDEA	07/06/21	499-010	AS SHOWN

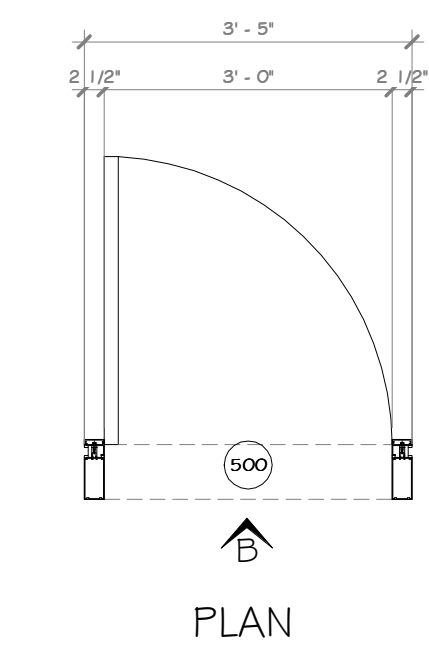
DRAWN	CHECKED	DESIGNED	APPROVED	DATE
ADG	ADG	ADG	ADG	07/06/21

NO. A-800

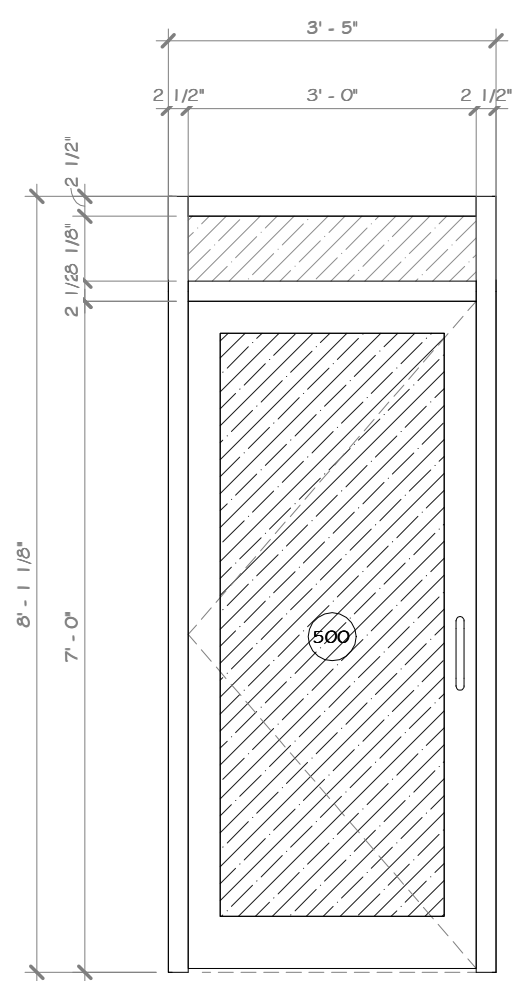
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SHEET SIZE: D-24x36

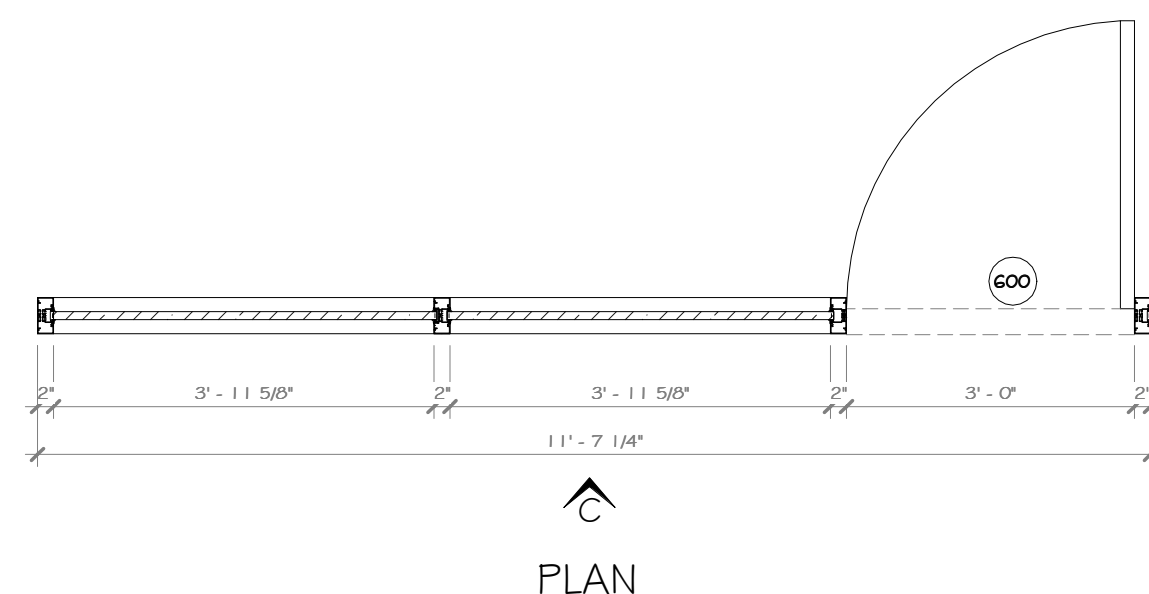
REGISTERED ARCHITECT  
 N.Y. R.A. LICENSE NO. 033127  
**RRT Engineering, LLC**  
 1 Huntington Quadrangle, 3501  
 Melville, N.Y. 11747  
 Tel: 631-756-1800  
 Fax: 631-756-1844



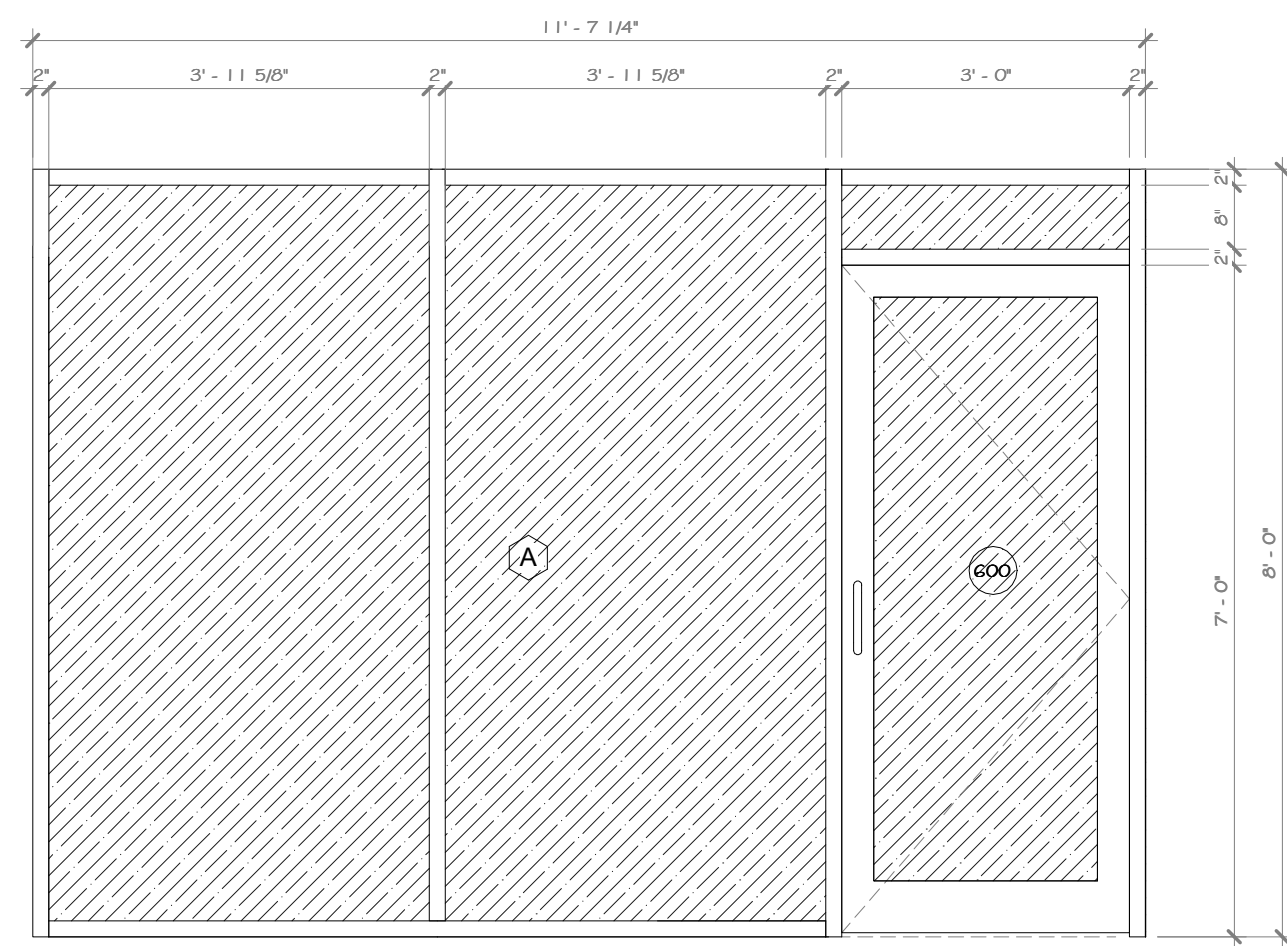
1 ELEVATION B  
1/2" = 1'-0"



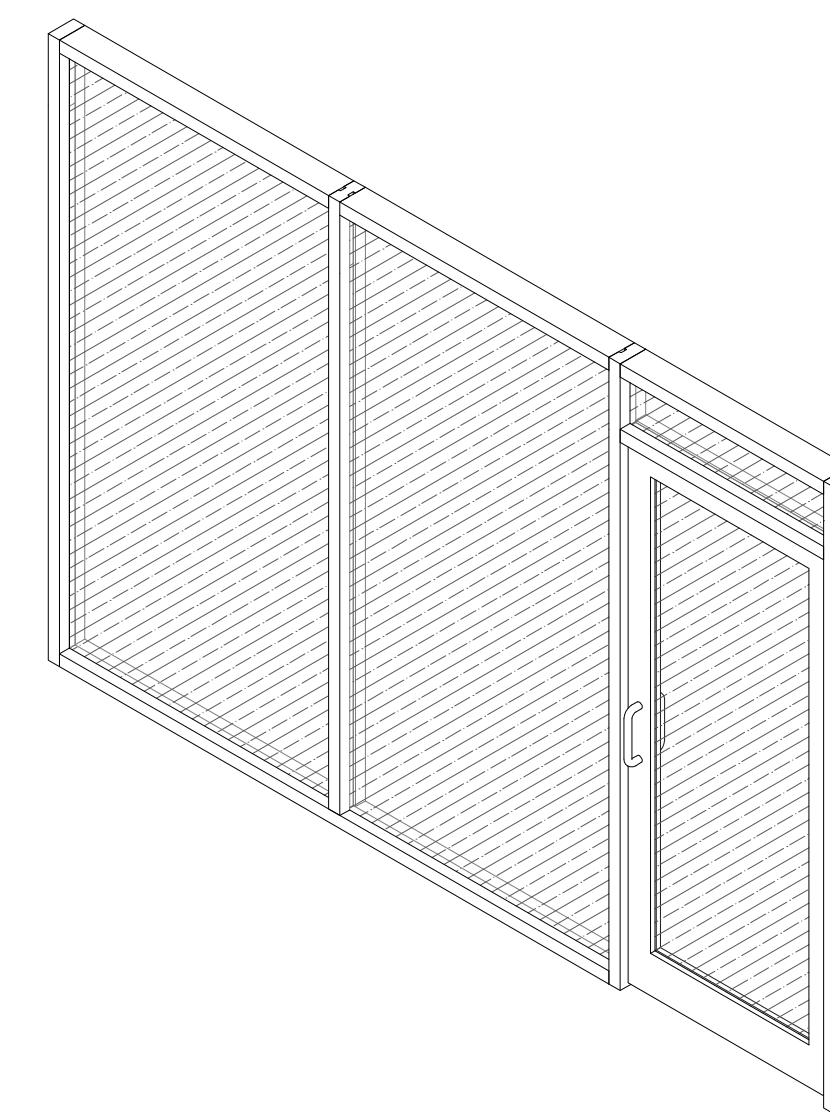
2 EXTERIOR STOREFRONT @ ENTRANCE  
1/2" = 1'-0"



3 INTERIOR STOREFRONT @ CONFERENCE ROOM  
1/2" = 1'-0"



4 ELEVATION C  
1/2" = 1'-0"



5 3D STOREFRONT @ CONFERENCE ROOM

CONSTRUCTION NOTES

NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING  
DEMOUNTABLE GLASS ELEVATION SCHEDULE  
GENERAL NOTES  
1. DEMOUNTABLE GLASS DOOR/WALL SYSTEM @ OFFICES TO BE SINGLE GLAZED WALL SYSTEM. RAMPART OR APPROVED EQUAL.  
2. G.C. TO PROVIDE AN ALTERNATE FOR KAWNEER TRIFAB 451 STOREFRONT SYSTEM.

PROJECT

NORTH

KEY PLAN

AREA OF CONSTRUCTION

**STERLING**  
Sterling Environmental Engineering, P.C.

**martin rogers**  
ENGINEERING CONSULTANT  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
1-570-826-1000 | 1-570-825-0888 | www.mrspc.com

**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING  
INTERIORS

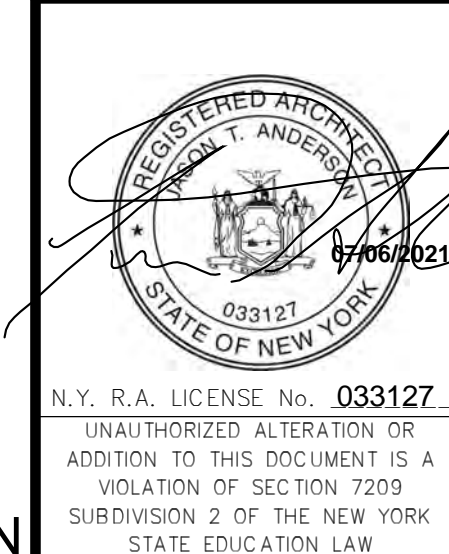
**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

**Rockland Green**

ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

STOREFRONT SCHEDULE

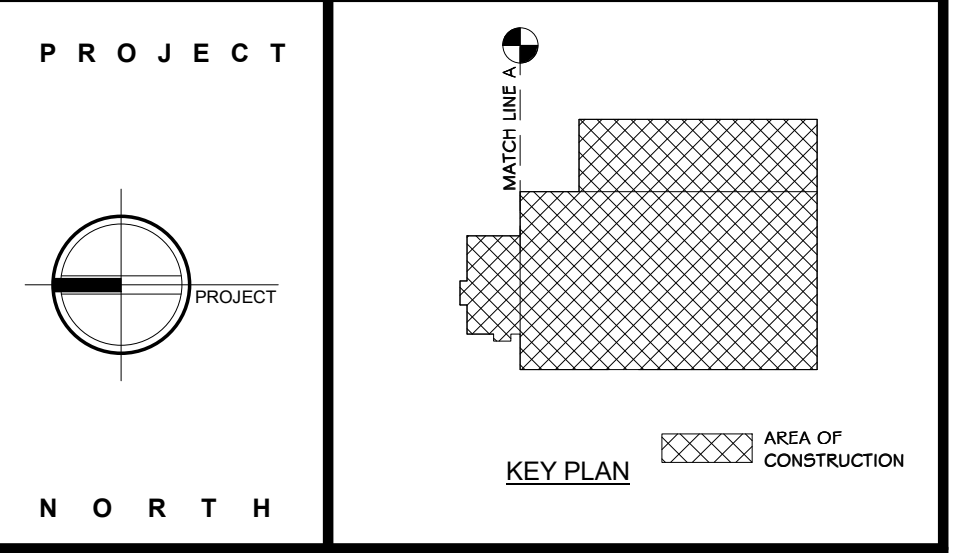
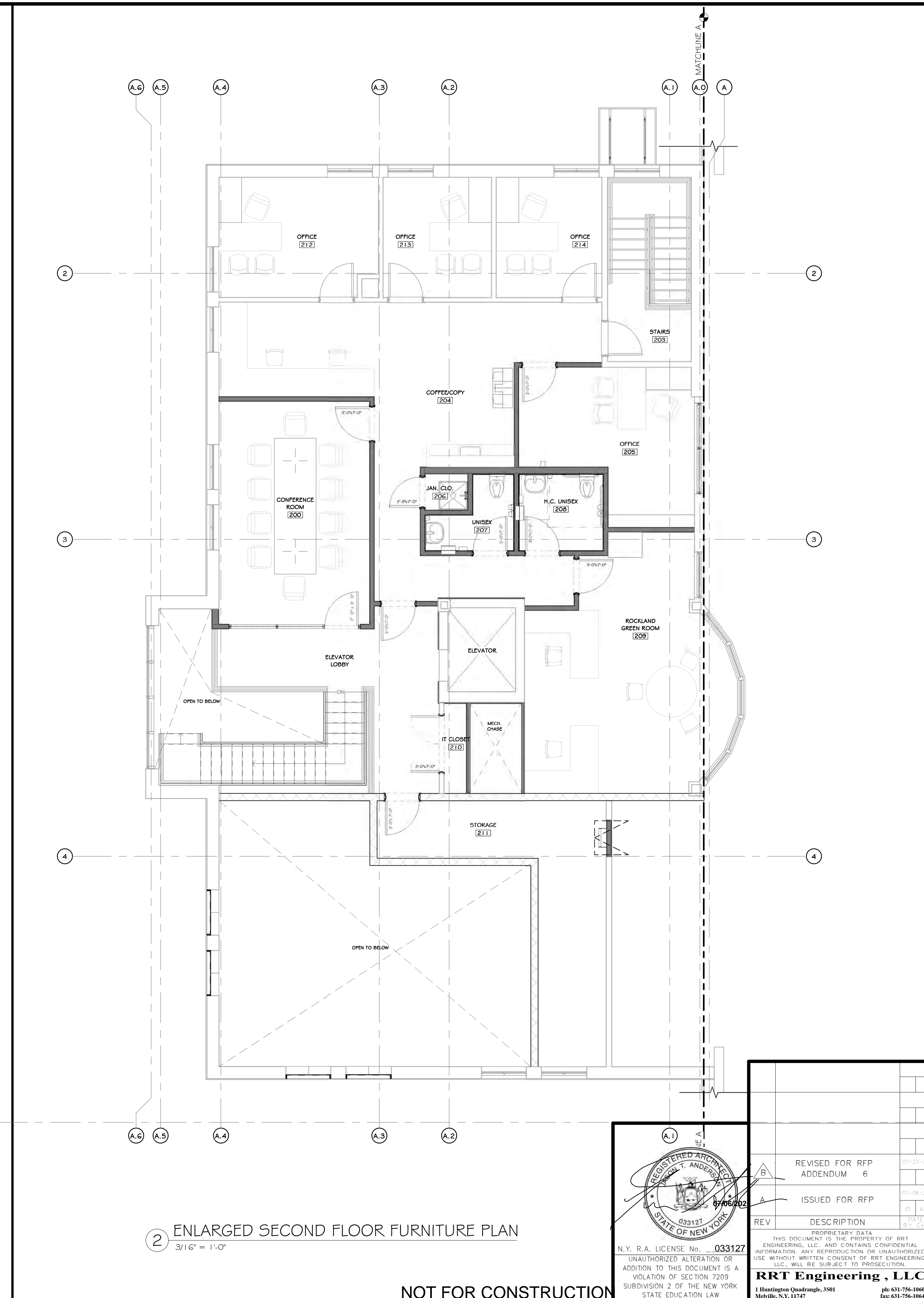
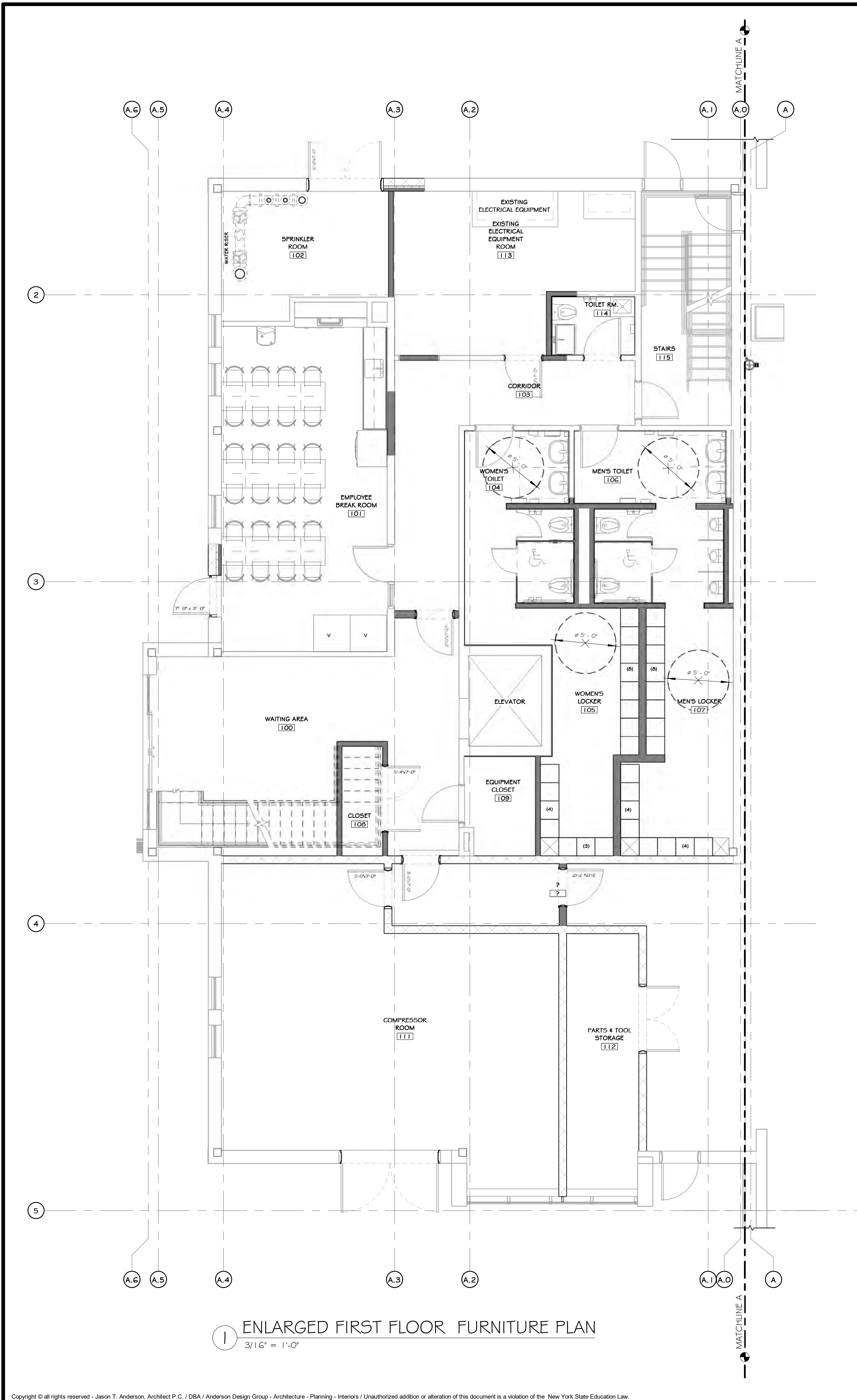
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B	REVISED FOR RFP ADDENDUM 6	07-23-21	ADG	07/06/21		
A	ISSUED FOR RFP	07-06-21	ADG	07/06/21		
REV	DESCRIPTION	DATE	BY	DATE		
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<b>RRT Engineering, LLC</b> 1 Huntington Quadrangle, 3501 Melville, N.Y. 11747 ph: 631-756-1000 fax: 631-756-1064						
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CHECKED	ADG	07/06/21				
DESIGNED	ADG	07/06/21				
APPROVED	ADG	07/06/21				
APPROVED						



NOT FOR CONSTRUCTION

**CONSTRUCTION NOTES**

- NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING
1. FURNITURE LAYOUT IS FOR BASIC SPACE ALLOCATION, FINAL FURNITURE SELECTION AND LAYOUT TO BE COORDINATED WITH OWNER.
  2. G.C. TO INSTALL FURNITURE, COORDINATE WITH OWNER.



**STERLING**  
Sterling Environmental Engineering, P.C.

**martinrogers**  
ENGINEERING CONSULTANT  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
1-570-826-5000 | F 570-825-0888 | www.mragc.com

**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING  
INTERIORS

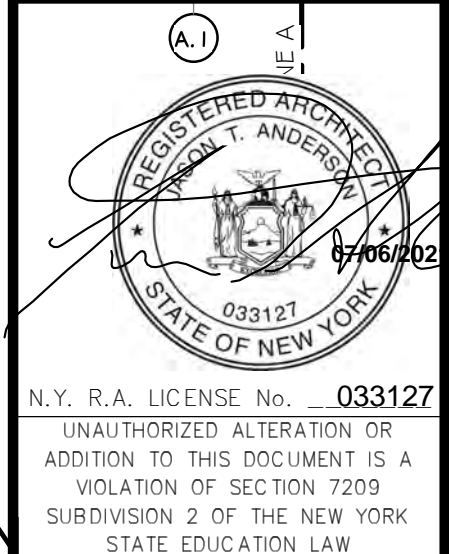
**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**ENLARGED FURNITURE PLANS**

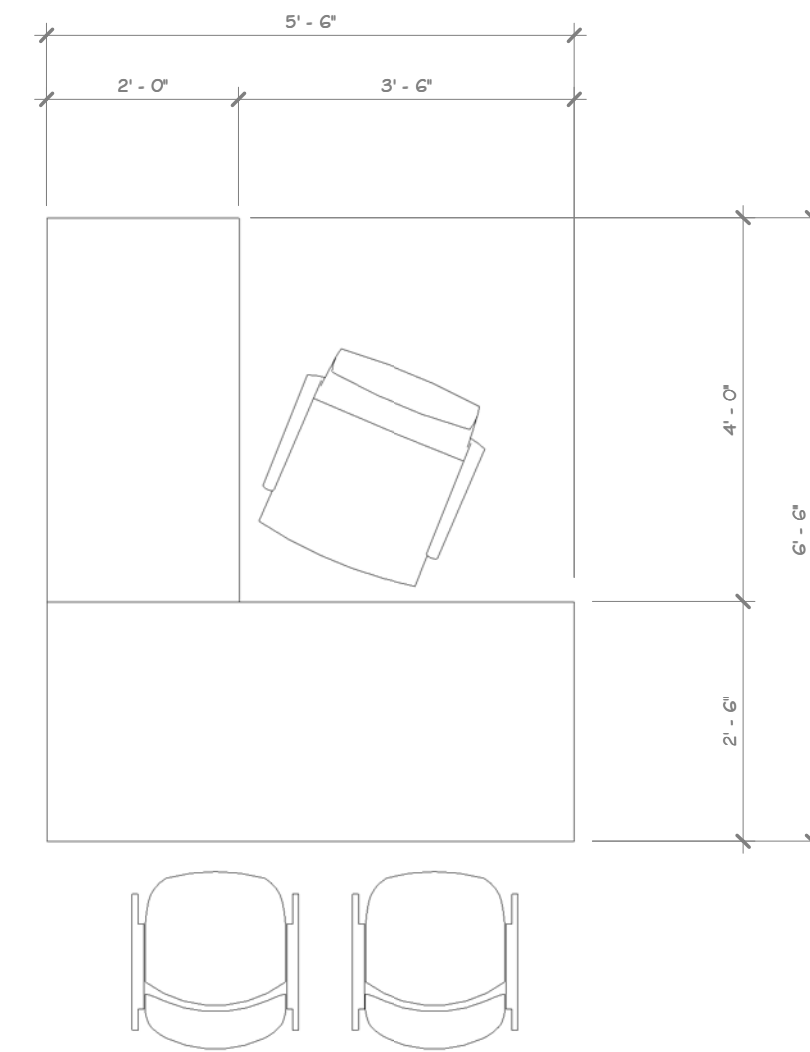
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B	REVISED FOR RFP ADDENDUM 6	ASD	07/06/21		

DRAWN	IDEA	07/06/21	PROJ. No: 499-010	SCALE: AS SHOWN
CHECKED	ASD	07/06/21	DWG. NO: A-900	A
DESIGNED	ASD	07/06/21	CAD FILE:	
APPROVED	ASD	07/06/21	SHEET SIZE: D-24x36	REV



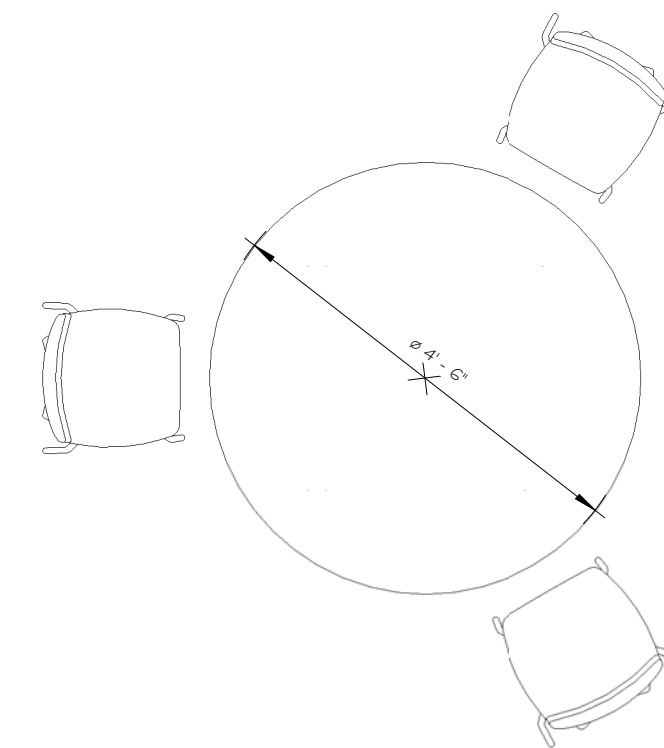
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**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3901  
Manhasset Neck, NY 11767  
ph: 631-756-1800  
fax: 631-756-1864



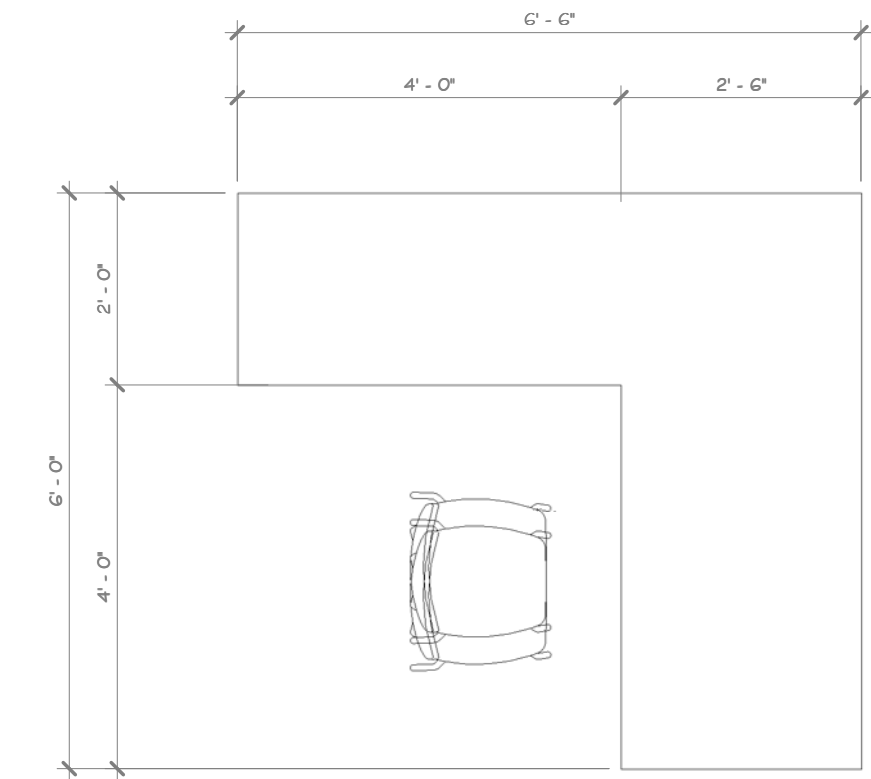
STANDARD DESK @ OFFICE

100



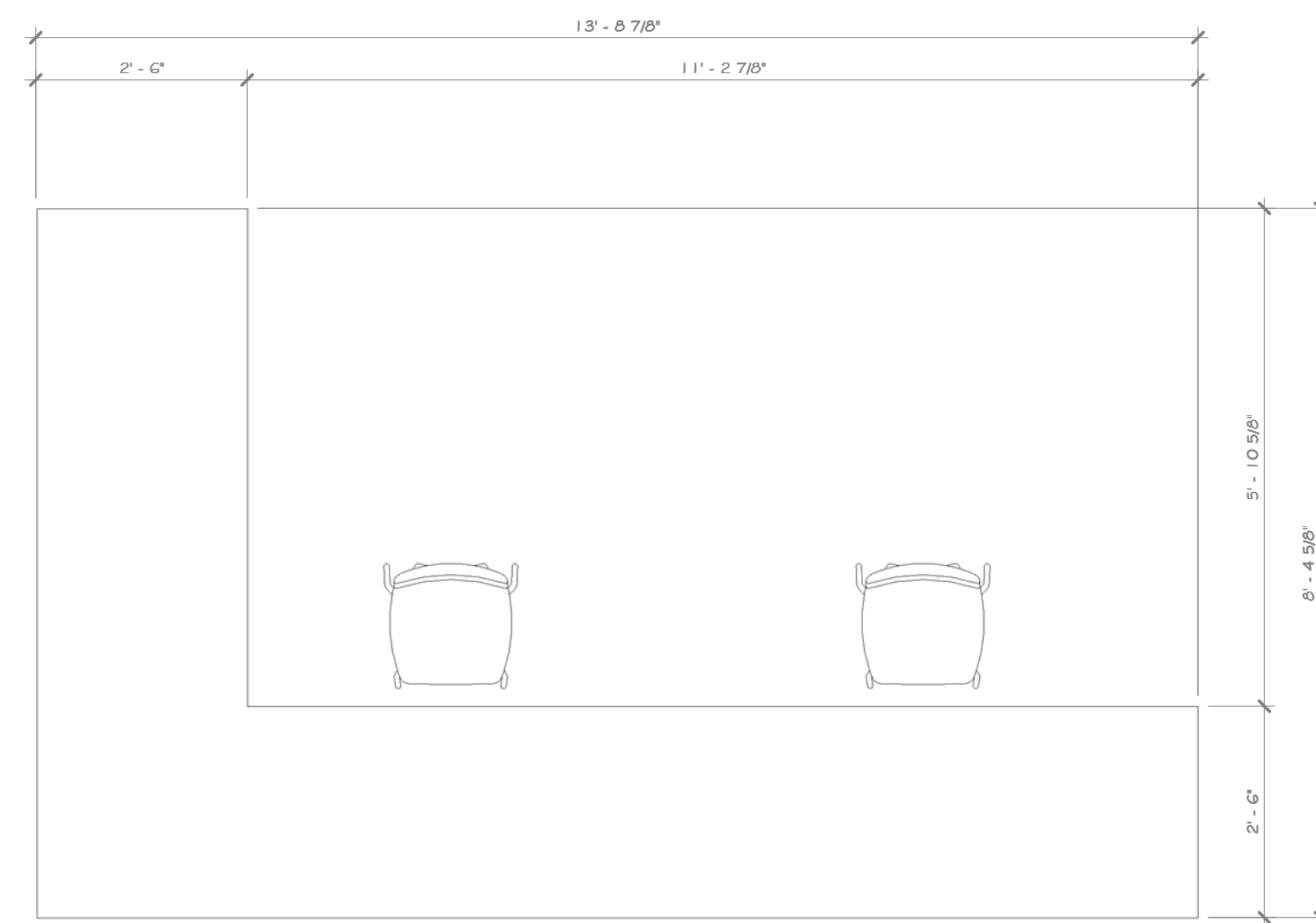
3 SEATERS CONFERENCE TABLE @ ROCKLAND GREEN ROOM

101



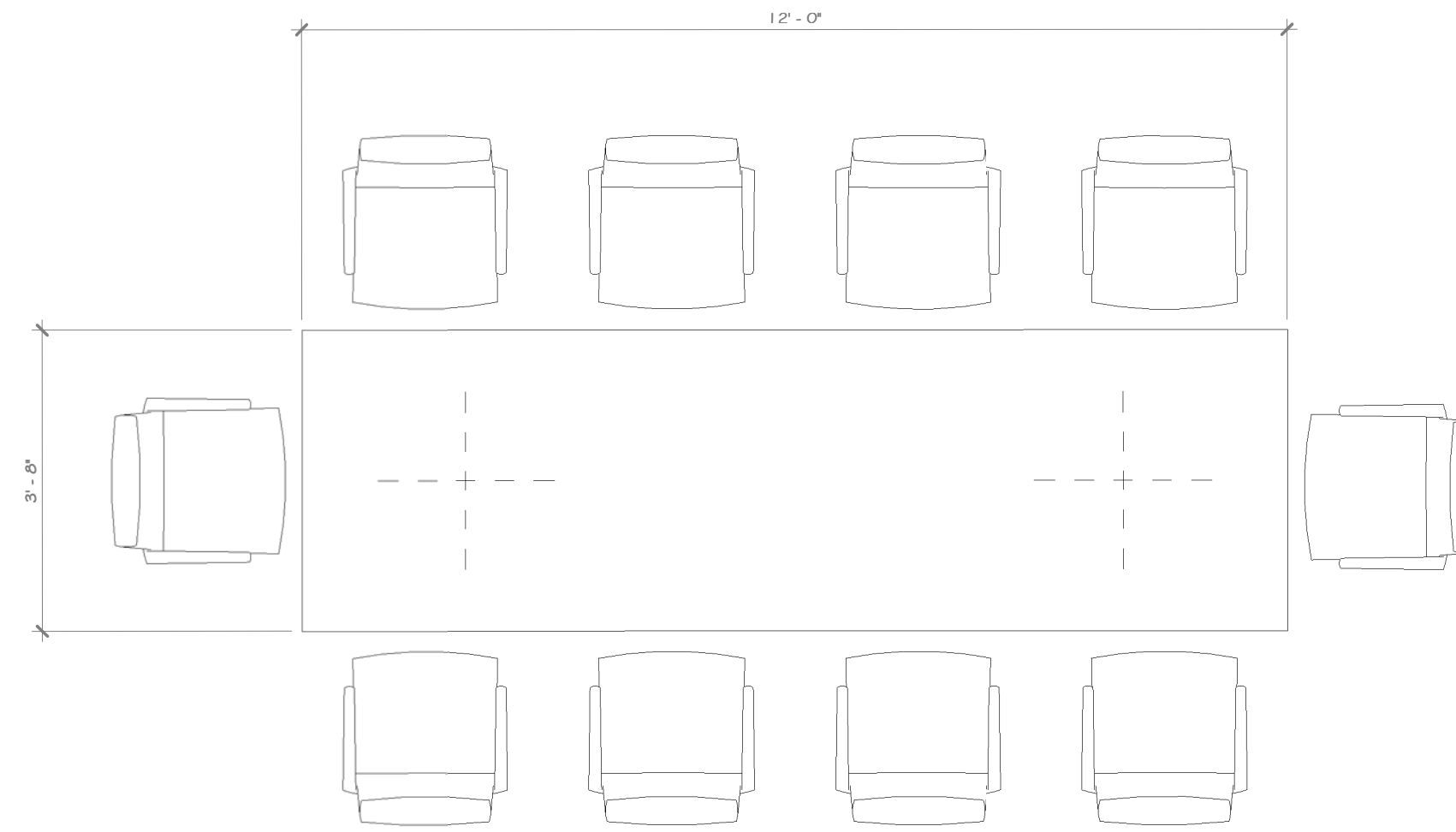
STANDARD DESK @ ROCKLAND GREEN ROOM

102



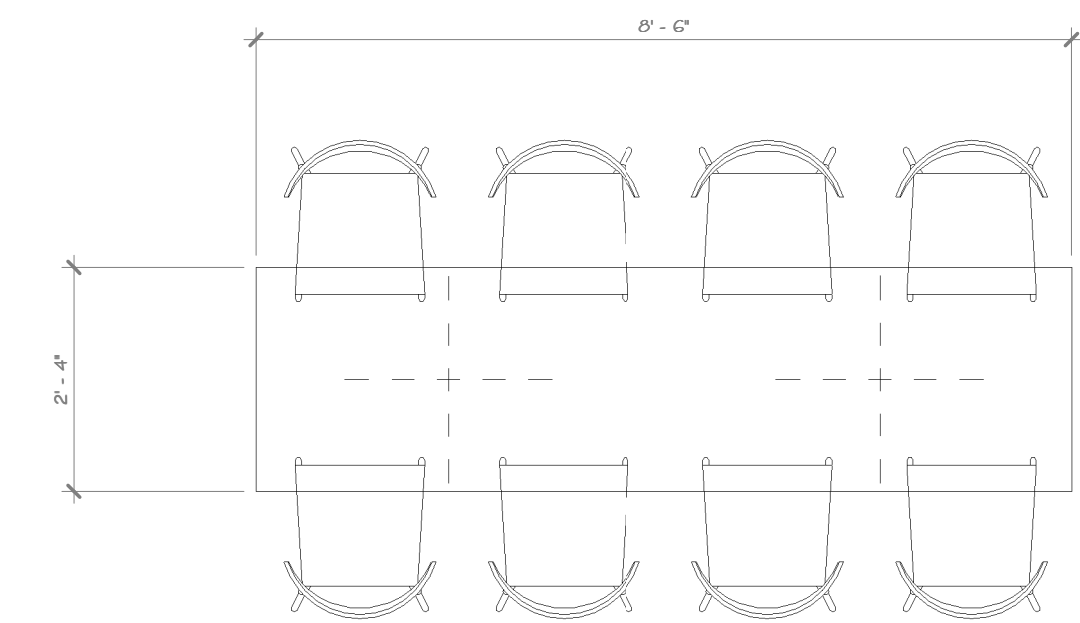
STANDARD DESK @ OPEN OFFICE

104



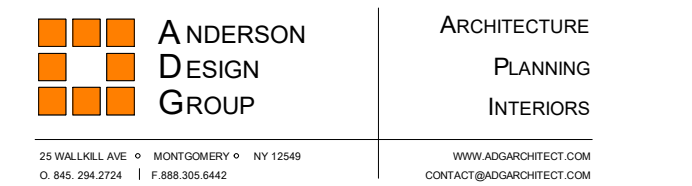
CONFERENCE ROOM (10 PERSON)

104



8 SEATERS TABLE @ EMPLOYEE BREAK ROOM

105



ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS 420 TORNE VALLEY ROAD, HILLBURN, NY 10931

REV	DESCRIPTION	DATE	BY
B	REVISED FOR RFP ADDENDUM 6	07-23-21	ADG
A	ISSUED FOR RFP	07-06-21	ADG

DRAWN	CHECKED	DESIGNED	APPROVED	BY	DATE	PROJ. No:	SCALE:
IDEA	ADG	ADG	ADG	ADG	07/06/21	499-010	AS SHOWN



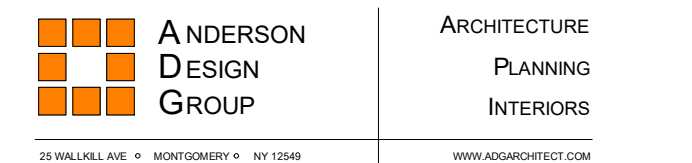
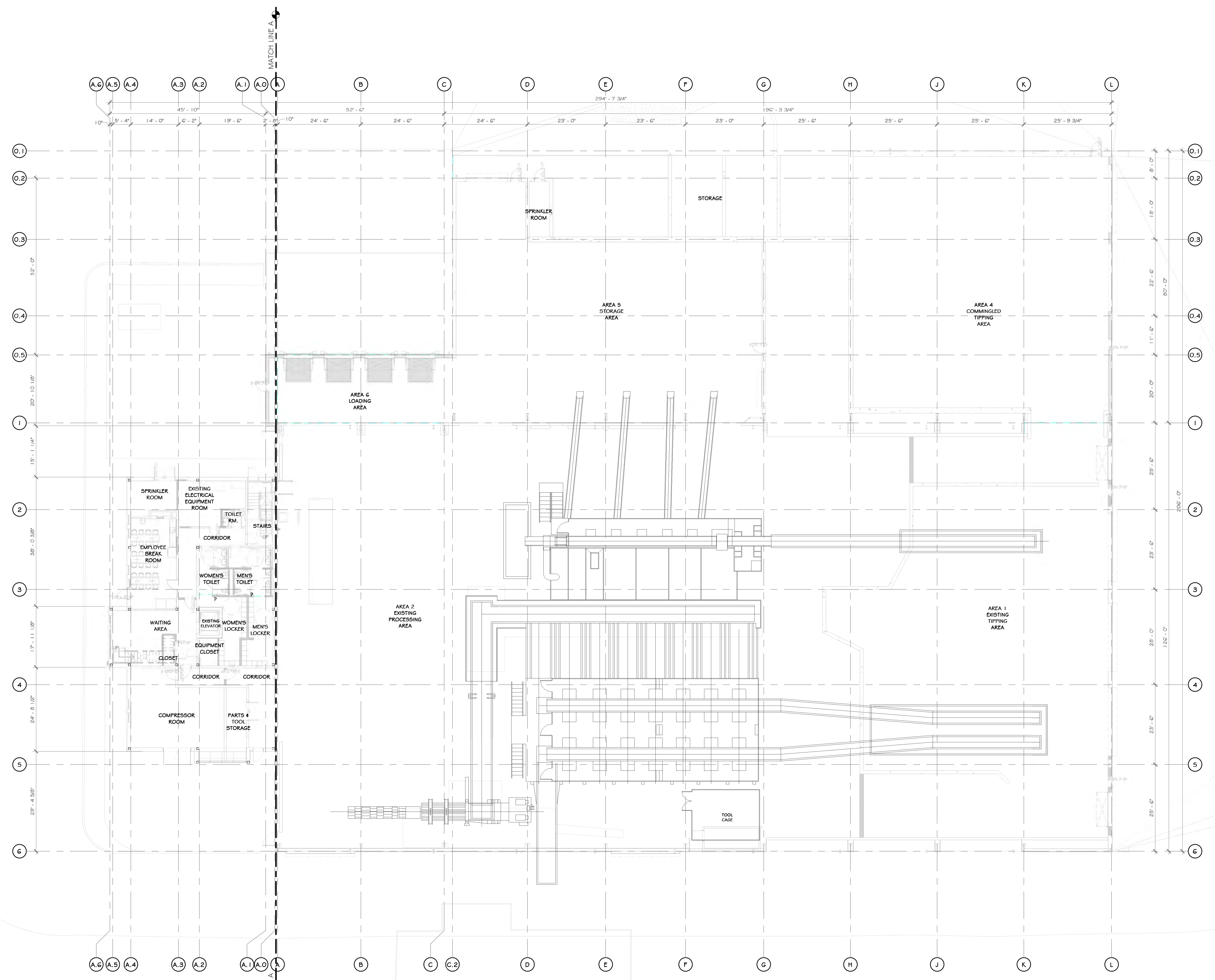
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**RRT Engineering, LLC**  
 1 Huntington Quadrangle, 3501  
 Melville, N.Y. 11747  
 ph: 631-756-1060  
 fax: 631-756-1064

1 FUR STANDARD DESK @ OPEN OFFICE  
 1/2" = 1'-0"

NOT FOR CONSTRUCTION

**CONSTRUCTION NOTES**

NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING.  
 1. EQUIPMENT PLAN IS FOR REFERENCE ONLY. PLEASE SEE EQUIPMENT MANUFACTURERS LAYOUT FOR DETAILS.



**EQUIPMENT PLAN**



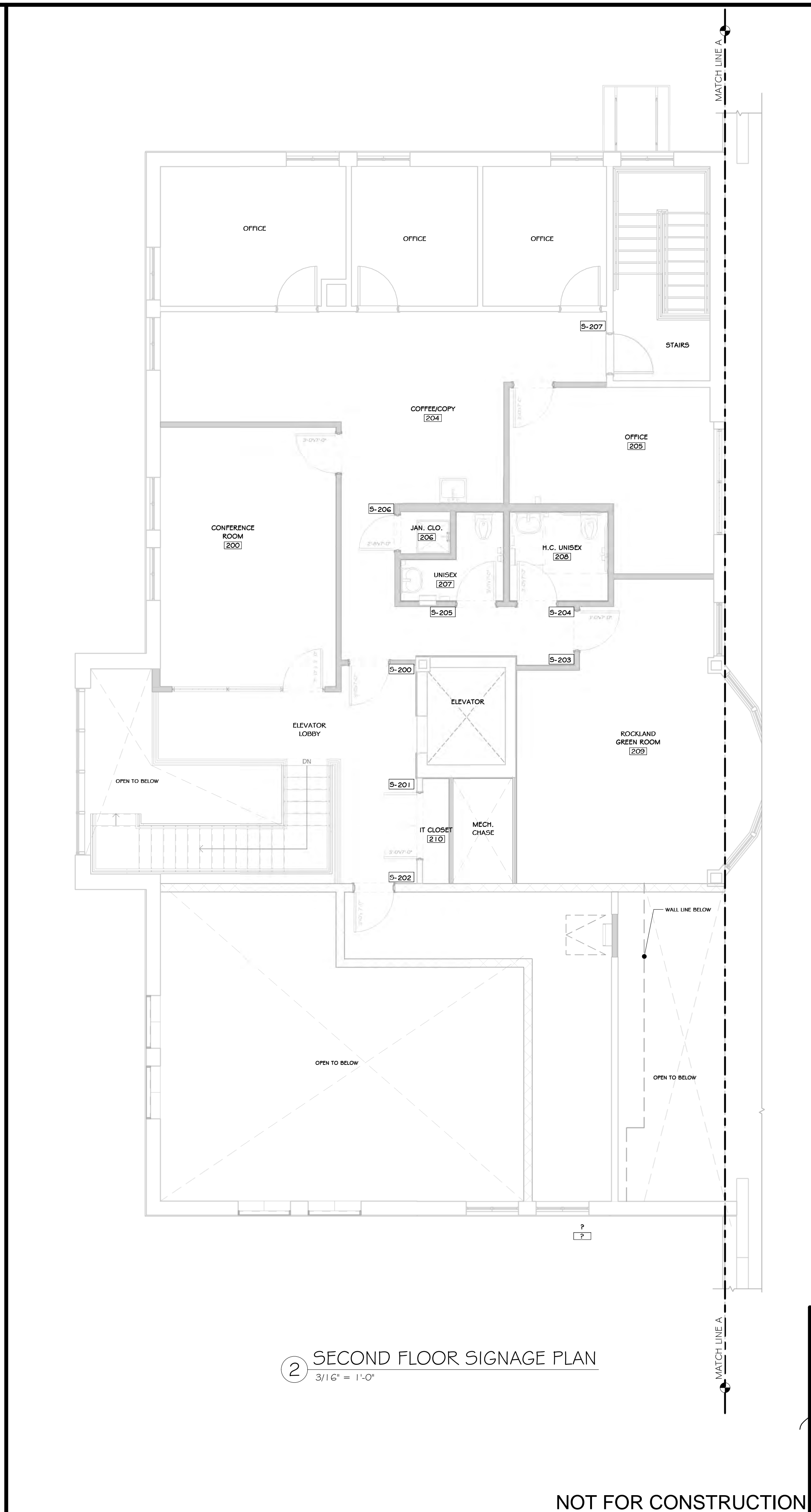
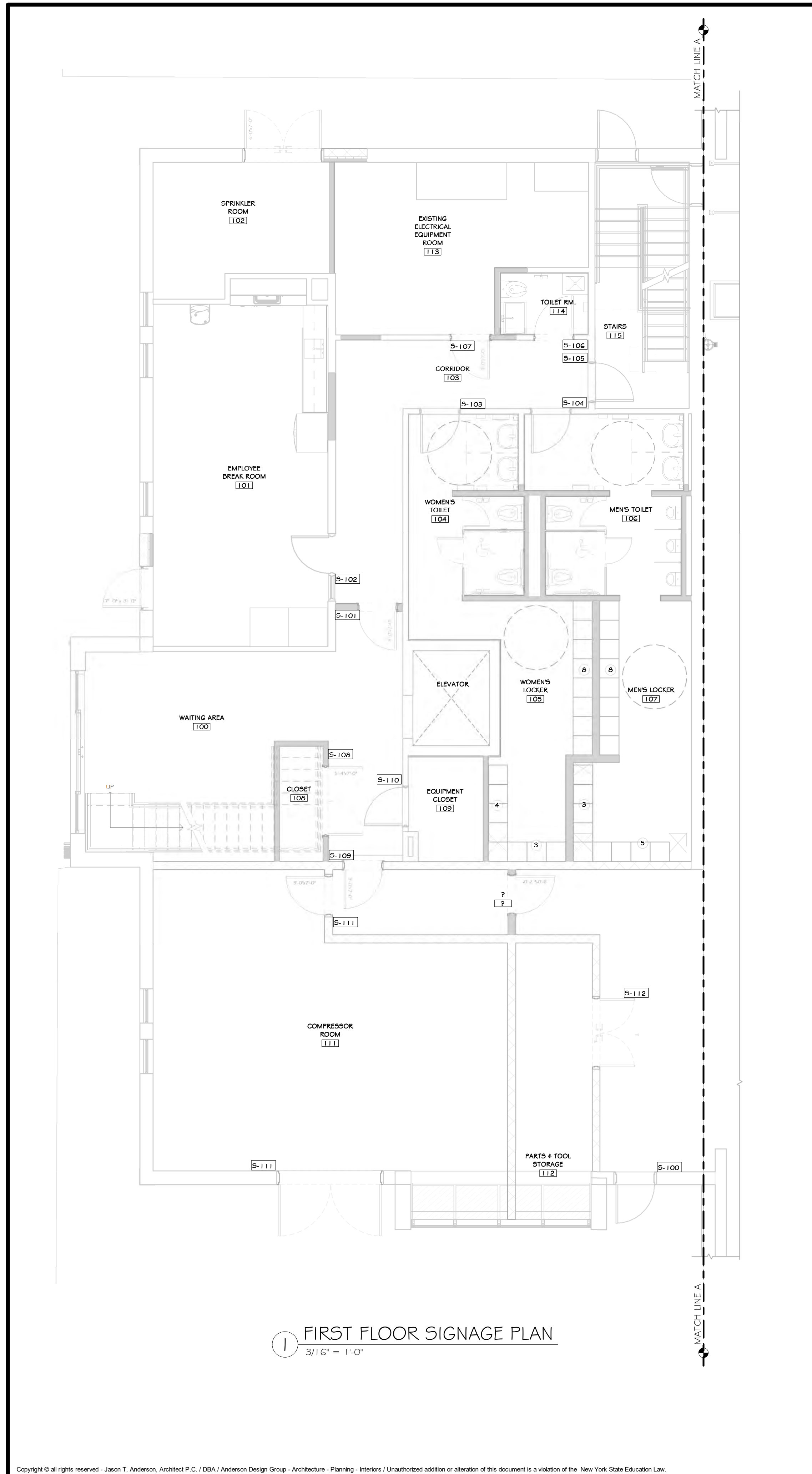
REVISED FOR RFP ADDENDUM 6	07-23-21
ISSUED FOR RFP	07-06-21
DESCRIPTION	BY: CLJ

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**RRT Engineering, LLC**  
 1 Huntington Quadrangle, 3501  
 Melville, N.Y. 11747  
 ph: 631-756-1060  
 fax: 631-756-1064

DRAWN	IDEA	DATE	05/21/21	PROJ. No:	499-010	SCALE:	AS SHOWN
CHECKED	ADG	DATE	07/06/21	DWG. NO.:	A-902		A
DESIGNED	ADG	DATE	07/06/21	CAD FILE:			
APPROVED	ADG	DATE	07/06/21	SHEET SIZE:	D-24x36		REV

**NOT FOR CONSTRUCTION**



INTERIOR SIGNAGE SCHEDULE	
499-010 ROCKLAND GREEN MRF ALTERATIONS	
S-100	TYPE: SN-1 LOCATION: SEE PLAN ROOM #: 100, 110 QUANTITY: 3 TEXT LINES* (INDIVIDUAL): EXT
S-101	TYPE: SN-1 LOCATION: SEE PLAN ROOM #: 103 QUANTITY: 1 TEXT LINES* (INDIVIDUAL): CORRIDOR
S-102	TYPE: SN-2 LOCATION: SEE PLAN ROOM #: 101 QUANTITY: 1 TEXT LINES* (INDIVIDUAL): EMPLOYEE BREAK ROOM
S-103	TYPE: SN-3 LOCATION: SEE PLAN ROOM #: 104 QUANTITY: 1 TEXT LINES* (INDIVIDUAL): WOMEN'S TOILET
S-104	TYPE: SN-4 LOCATION: SEE PLAN ROOM #: 106 QUANTITY: 1 TEXT LINES* (INDIVIDUAL): MEN'S TOILET
S-105	TYPE: SN-5 LOCATION: SEE PLAN ROOM #: EXISTING STAIR QUANTITY: 1 TEXT LINES* (INDIVIDUAL): STAIRS
S-106	TYPE: SN-6 LOCATION: SEE PLAN ROOM #: 114 QUANTITY: 1 TEXT LINES* (INDIVIDUAL): JAN./STG.
S-107	TYPE: SN-7 LOCATION: SEE PLAN ROOM #: 113 QUANTITY: 1 TEXT LINES* (INDIVIDUAL): ELECTRICAL
S-108	TYPE: SN-8 LOCATION: SEE PLAN ROOM #: 108 QUANTITY: 1 TEXT LINES* (INDIVIDUAL): CLOSET
S-109	TYPE: SN-9 LOCATION: SEE PLAN ROOM #: 110 QUANTITY: 1 TEXT LINES* (INDIVIDUAL): CORRIDOR
S-110	TYPE: SN-10 LOCATION: SEE PLAN ROOM #: 109 QUANTITY: 1 TEXT LINES* (INDIVIDUAL): IT CLOSET
S-111	TYPE: SN-11 LOCATION: SEE PLAN ROOM #: 111 QUANTITY: 2 TEXT LINES* (INDIVIDUAL): COMPRESSOR ROOM
S-112	TYPE: SN-12 LOCATION: SEE PLAN ROOM #: 112 QUANTITY: 1 TEXT LINES* (INDIVIDUAL): PARTS & TOOL STORAGE
S-200	TYPE: SN-13 LOCATION: SEE PLAN ROOM #: 210 QUANTITY: 1 TEXT LINES* (INDIVIDUAL): LOBBY ELEVATOR
S-201	TYPE: SN-14 LOCATION: SEE PLAN ROOM #: 210 QUANTITY: 1 TEXT LINES* (INDIVIDUAL): IT CLOSET

**CONSTRUCTION NOTES** NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING

- INTERIOR SIGNAGE DRAWINGS AND INFORMATION CONTAINED IN THIS SHEET IS FOR GENERAL DESIGN REQUIREMENTS ONLY. CONTRACTOR SHOULD VERIFY AS-BUILT CONDITIONS AND COORDINATE WITH OWNER FOR SPECIFIC REQUIREMENTS.
- REFER TO PLAN DIMENSION & NOTE SHEET A201-BP FOR ROOM NAMES & NUMBERS. CONFIRM WITH OWNER PRIOR TO ORDERING.
- CONTRACTOR TO COORDINATE W/ OWNERS REP. TO DETERMINE IF ANY ADDITIONAL DIRECTIONAL SIGNAGE IS REQUIRED.
- REFER TO SPECIFICATIONS FOR WALL MOUNTING METHODS & ADDITIONAL INFORMATION.

INTERIOR SIGNAGE SCHEDULE	
499-010 ROCKLAND GREEN MRF ALTERATIONS	
S-202	TYPE: SN-15 LOCATION: SEE PLAN ROOM #: 211 QUANTITY: 1 TEXT LINES* (INDIVIDUAL): STORAGE
S-203	TYPE: SN-16 LOCATION: SEE PLAN ROOM #: 209 QUANTITY: 1 TEXT LINES* (INDIVIDUAL): ROCKLAND GREEN ROOM
S-204	TYPE: SN-17 LOCATION: SEE PLAN ROOM #: 206 QUANTITY: 1 TEXT LINES* (INDIVIDUAL): H.C. UNISEX
S-205	TYPE: SN-18 LOCATION: SEE PLAN ROOM #: 207 QUANTITY: 1 TEXT LINES* (INDIVIDUAL): UNISEX
S-206	TYPE: SN-19 LOCATION: SEE PLAN ROOM #: 206 QUANTITY: 1 TEXT LINES* (INDIVIDUAL): CLOSET
S-207	TYPE: SN-20 LOCATION: SEE PLAN ROOM #: 204 QUANTITY: 1 TEXT LINES* (INDIVIDUAL): COFFEE/COPY

PROJECT

NORTH

KEY PLAN

AREA OF CONSTRUCTION

Sterling Environmental Engineering, P.C.

ENGINEERING CONSULTANT  
225 N. Pennsylvania Ave. Wilkes-Barre, PA 18703  
1-570-826-1000 | 1-570-825-0888 | www.mrsgz.com

ANDERSON  
DESIGN  
GROUP

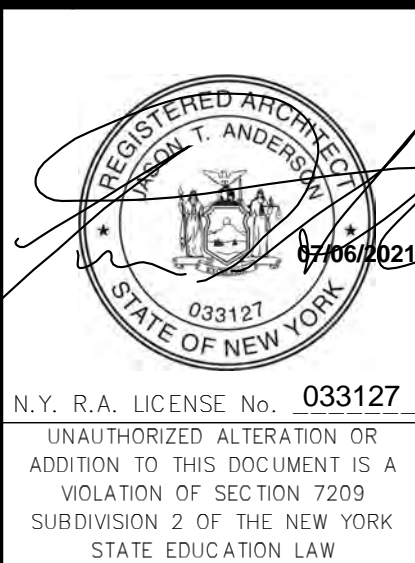
ARCHITECTURE  
PLANNING  
INTERIORS

**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

**ROCKLAND GREEN**  
MATERIALS RECOVERY FACILITY,  
FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

INTERIOR SIGN SCHEDULES

BY	DATE	PROJ. No:	SCALE:
DRAWN	IDEA 07/06/21	499-010	AS SHOWN
CHECKED	ADG 07/06/21	DWG. NO: A-905	A
DESIGNED	ADG 07/06/21	CAD FILE:	
APPROVED	ADG 07/06/21	SHEET SIZE: D-24x36	REV

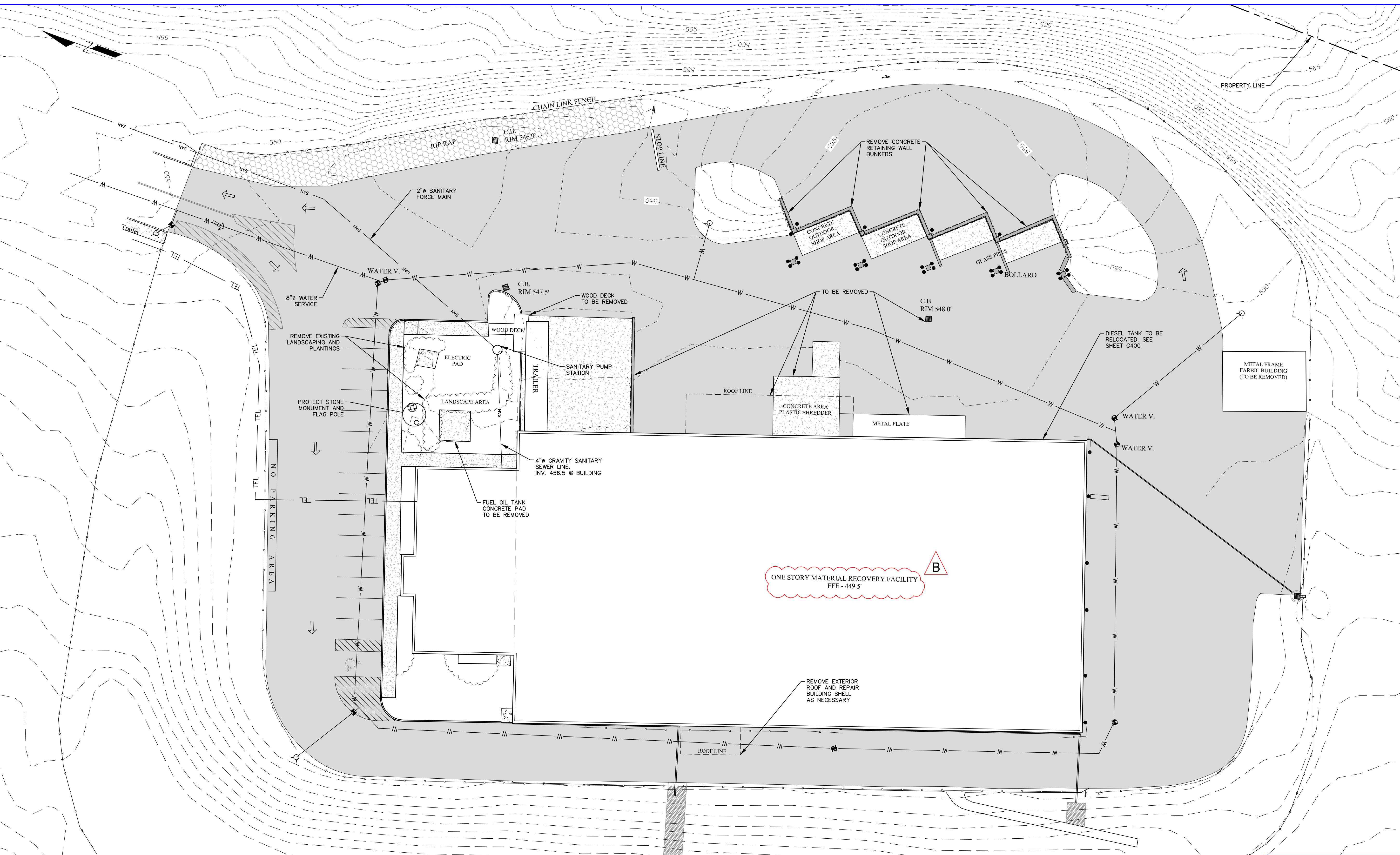


REV	DESCRIPTION	DATE
6	REVISED FOR RFP ADDENDUM 6	07-21-21
5	ISSUED FOR RFP	07-06-21
4		07-06-21
3		07-06-21

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**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Melville, NY 11747  
phone: 631-756-1060  
fax: 631-756-1064

NOT FOR CONSTRUCTION



**LEGEND**

---	SURVEY CONTOUR - MAJOR
- - -	SURVEY CONTOUR - MINOR
---	2-FT LIDAR CONTOUR
---	FENCELINE
---	EDGE OF PAVEMENT
---	WATER MAIN
---	GUIDERAIL
○	HYDRANT
□	CATCH BASIN
○	WATER VALVE
●	BOLLARD

**MAP REFERENCE**

- BASE SITE SURVEY BY GARY R. RICH, LLS, JULY 12, 2016.
- ADDITIONAL SURVEY OF PROJECT AREA BY MJ ENGINEERING AND LAND SURVEYING, 7/14/2021.
- PERIMETER CONTOURS FROM NYSGIS ROCKLAND COUNTY LIDAR, 2014
- UTILITY INFORMATION FROM DRAWING TITLED "RECYCLING FACILITY BUILDING UTILITY PLAN" BY MAGUIRE GROUP ARCHITECTS/ENGINEERS/PLANNERS PC, DATED JUNE 13, 1997.

**NOT FOR CONSTRUCTION**

**STERLING**  
Sterling Environmental Engineering, P.C.

**martinrogers**  
ENGINEERING CONSULTANTS  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
1-717-851-0001 | 1-717-851-0088 | www.mrg.com

**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING  
INTERIORS

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NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN  
MATERIALS RECOVERY FACILITY,  
FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931



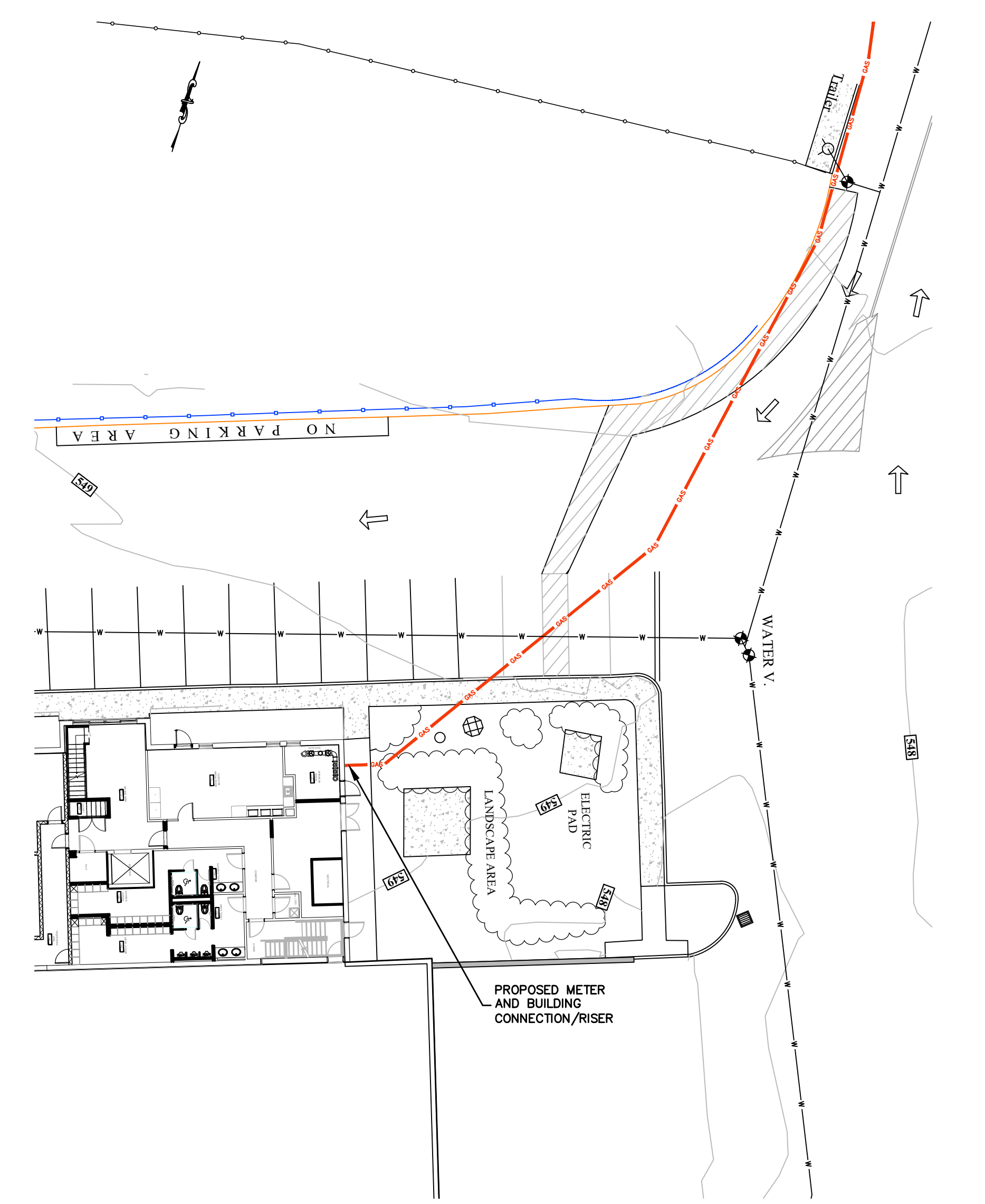
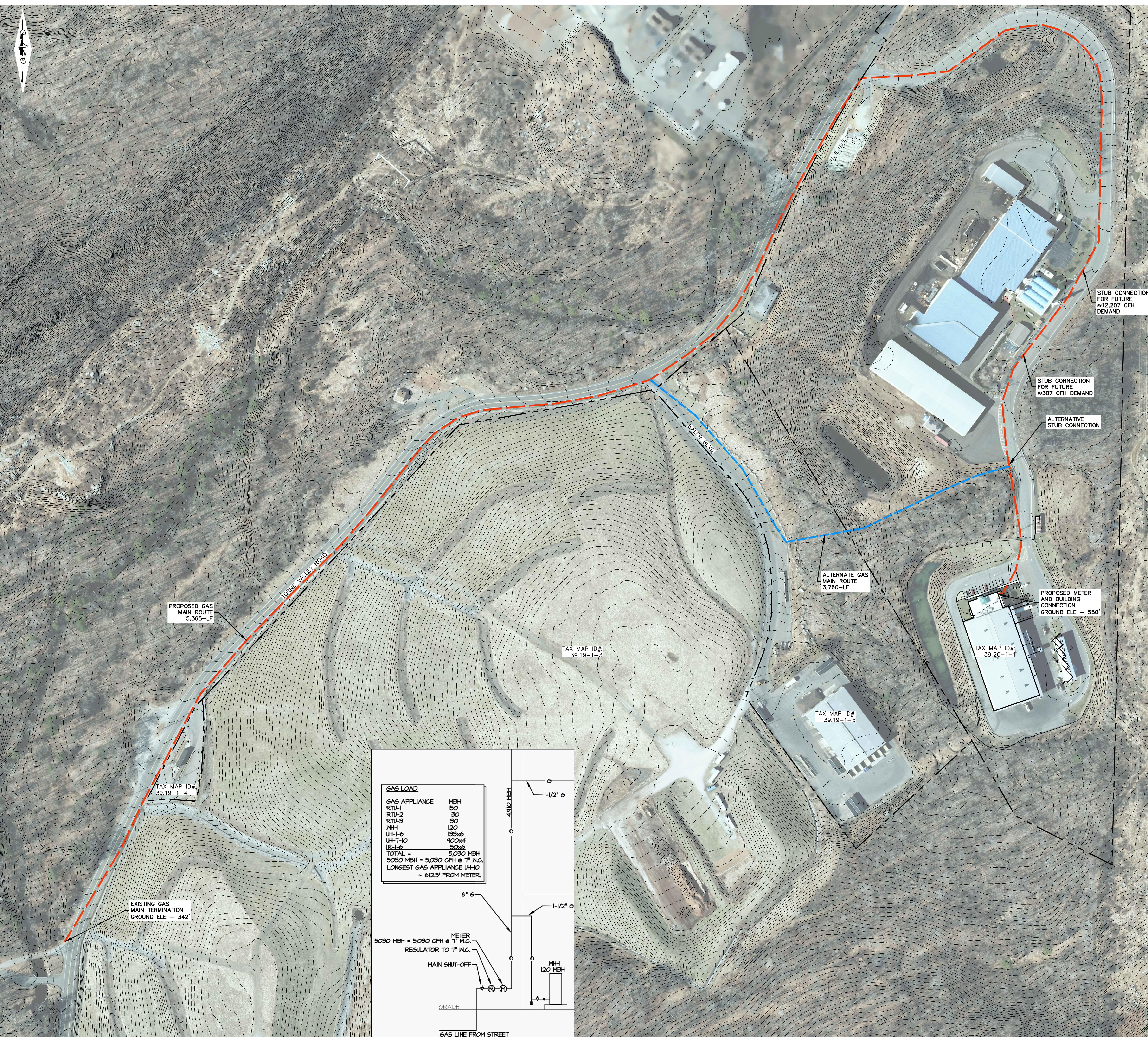
REV	DESCRIPTION	DATE BY
B	REVISED FOR RFP ADDENDUM 6	07/23/21 TAJ/AMM
A	ISSUED FOR RFP	07/05/21 TAJ/AMM

**SITE IMPROVEMENTS EXISTING CONDITIONS PLAN**

CHECKED	BY	DATE	PROJ. No:	SCALE:
DESIGNED	TAS	05/18/21	499-010	1" = 20'
APPROVED	TAS	05/18/21	DWG. No:	
			C-100	
			CAD FILE:	2021-10001
			SHEET SIZE:	D-24x36

N.Y. P.E. LICENSE No. **094708**  
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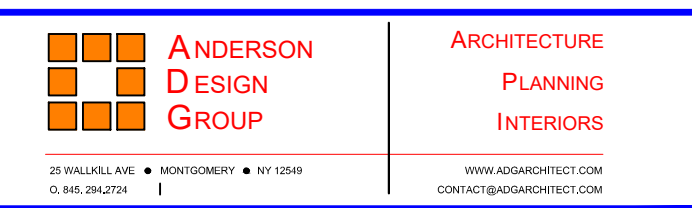
**PROPRIETARY DATA**  
THIS DOCUMENT IS THE PROPERTY OF RRT ENGINEERING, ROCKLAND, NY. ANY CONFIDENTIAL INFORMATION, AND/OR CONSENT OF RRT ENGINEERING, LLC, WILL BE SUBJECT TO PROSECUTION.  
**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Melville, N.Y. 11747  
ph: 631-756-1060  
fax: 631-756-1064



**GAS METER AND BUILDING CONNECTION PLAN**

SCALE: 1" = 20'

NOT FOR CONSTRUCTION



**ROCKLAND GREEN**  
MATERIALS RECOVERY FACILITY,  
FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

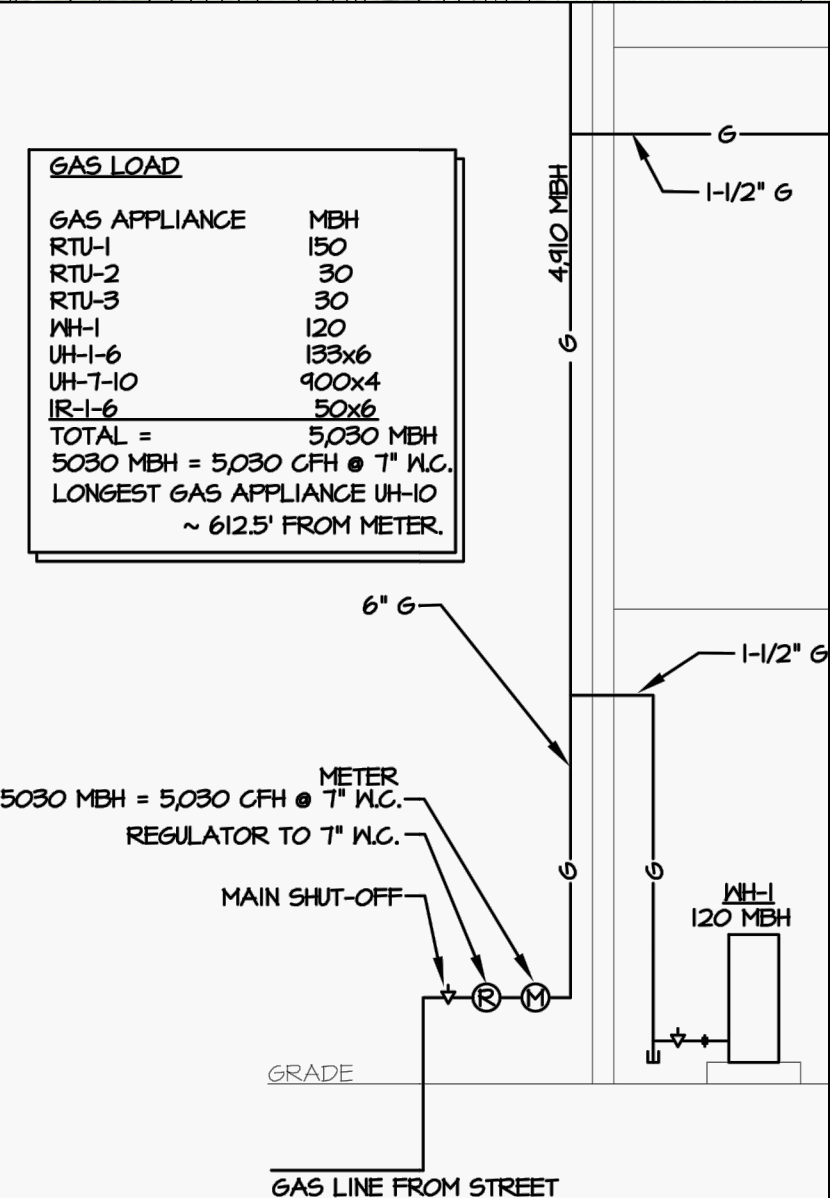
**PROPOSED GAS MAIN EXTENSION ROUTE AND CONNECTION LOCATION**

REV	DESCRIPTION	DATE	BY
B	REVISED FOR RFP ADDENDUM 6	07/23/21 TAS/AMM	
A	GAS APPLICATION	05/07/21 TAS/AMM	
	REV	DATE	BY



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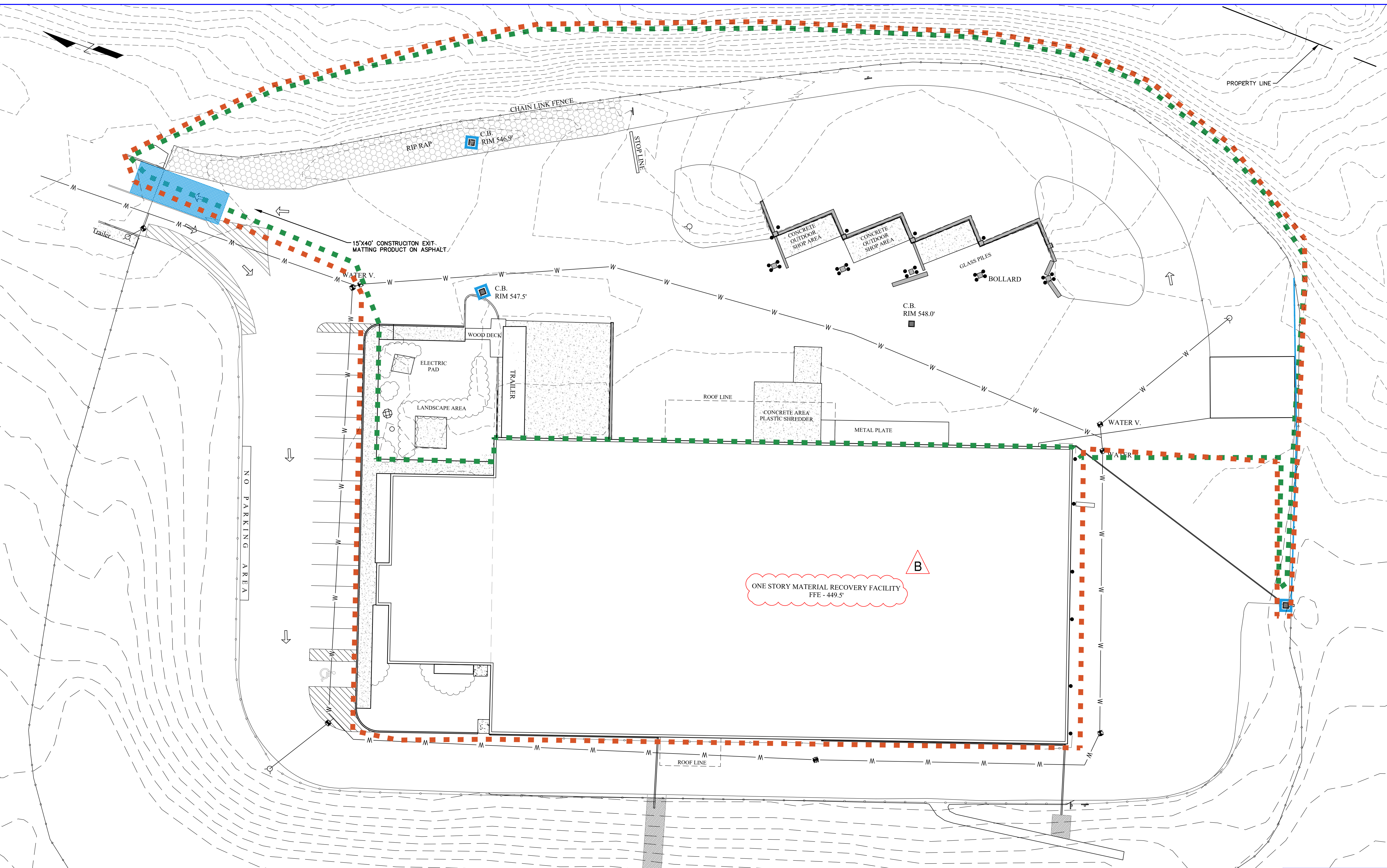
CHECKED	DESIGNED	APPROVED	BY	TAS	DATE	PROJ. No:	SCALE:
			AMM	TAS	05/07/21	499-010	1" = 120'
			AMM	TAS	05/07/21		
			AMM	TAS	05/07/21		



GAS LOAD	
GAS APPLIANCE	MBH
RTU-1	150
RTU-2	30
RTU-3	30
MH-1	120
UH-1-6	153x6
UH-7-10	900x4
IR-1-6	500x6
<b>TOTAL =</b>	<b>5,030 MBH</b>
5030 MBH = 5,030 CFH @ 7" P.C.	
LONGEST GAS APPLIANCE UH-10 ~ 612.5' FROM METER.	

B





- LEGEND**
- 554
  - SURVEY CONTOUR — MAJOR
  - - - SURVEY CONTOUR — MINOR
  - - - FENCELINE
  - EDGE OF PAVEMENT
  - W — WATER MAIN
  - GUIDERAIL
  - - - - - LIMIT OF CONSTRUCTION
  - - - - - LIMIT OF GROUND DISTURBANCE
  - COMPOST FILTER SOCK OR SILT FENCE
  - HYDRANT
  - CATCH BASIN
  - CATCH BASIN INLET PROTECTION
  - WATER VALVE
  - BOLLARD

- CONSTRUCTION SEQUENCE:**
1. SITE PRECONSTRUCTION MEETING AND PROJECT REVIEW.
  2. PERFORM ONE-CALL "DIGSAFE" UTILITY LOCATION.
  3. PERFORM SURVEY STAKEOUT OF PROJECT LIMITS.
  4. INSTALL TEMPORARY EROSION AND SEDIMENT CONTROLS.
  5. DEMOLISH FABRIC BUILDING AND BUNKERS.
  6. EXCAVATE AND INSTALL BUILDING EXPANSION FOUNDATION.
  7. INSTALL NEW WATER MAIN AND CATCH BASINS.
  8. CONSTRUCT NEW BUILDING EXPANSION STRUCTURE.
  9. INSTALL NEW GAS MAIN.
  10. PAVE SITE PERIMETER.
  11. INSTALL NEW MRF EQUIPMENT.
- ENDANGERED SPECIES NOTES:**
1. ALL SITE WORK MUST FOLLOW NYSDEC RECOMMENDATIONS FOR PROTECTION OF ENDANGERED SPECIES ON SITE.

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Sterling Environmental Engineering, P.C.

**martinrogers**  
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**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING  
INTERIORS  
10 WALL KILL PLACE • WILKES-BARRE • PA 18701  
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**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

**Rockland Green**

**ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS**  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

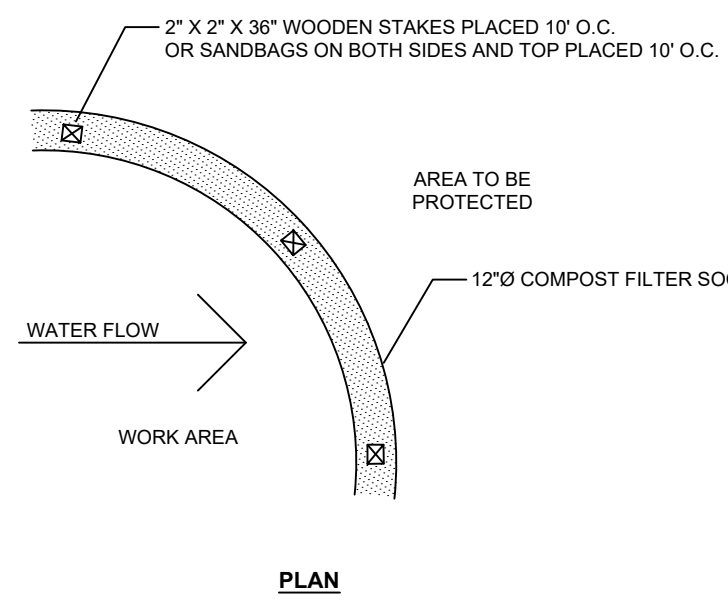
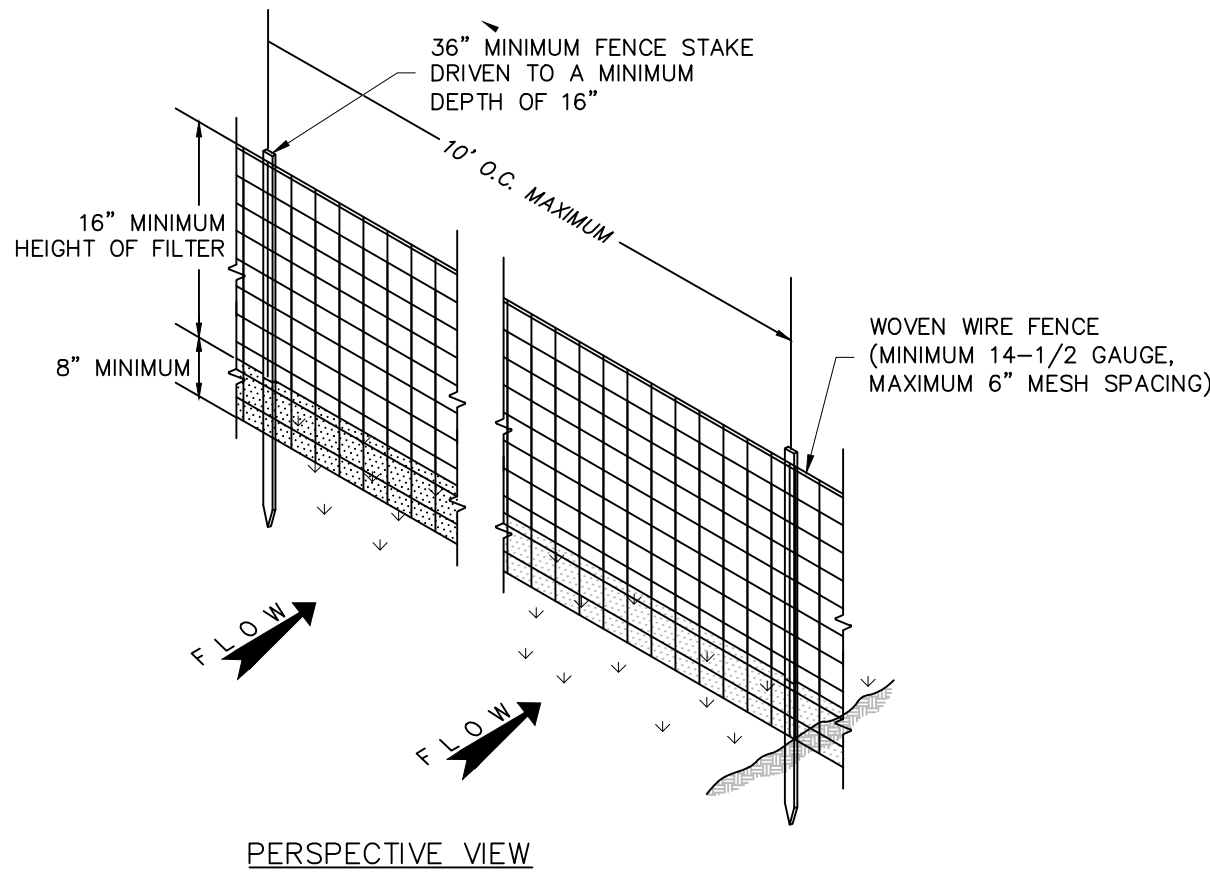
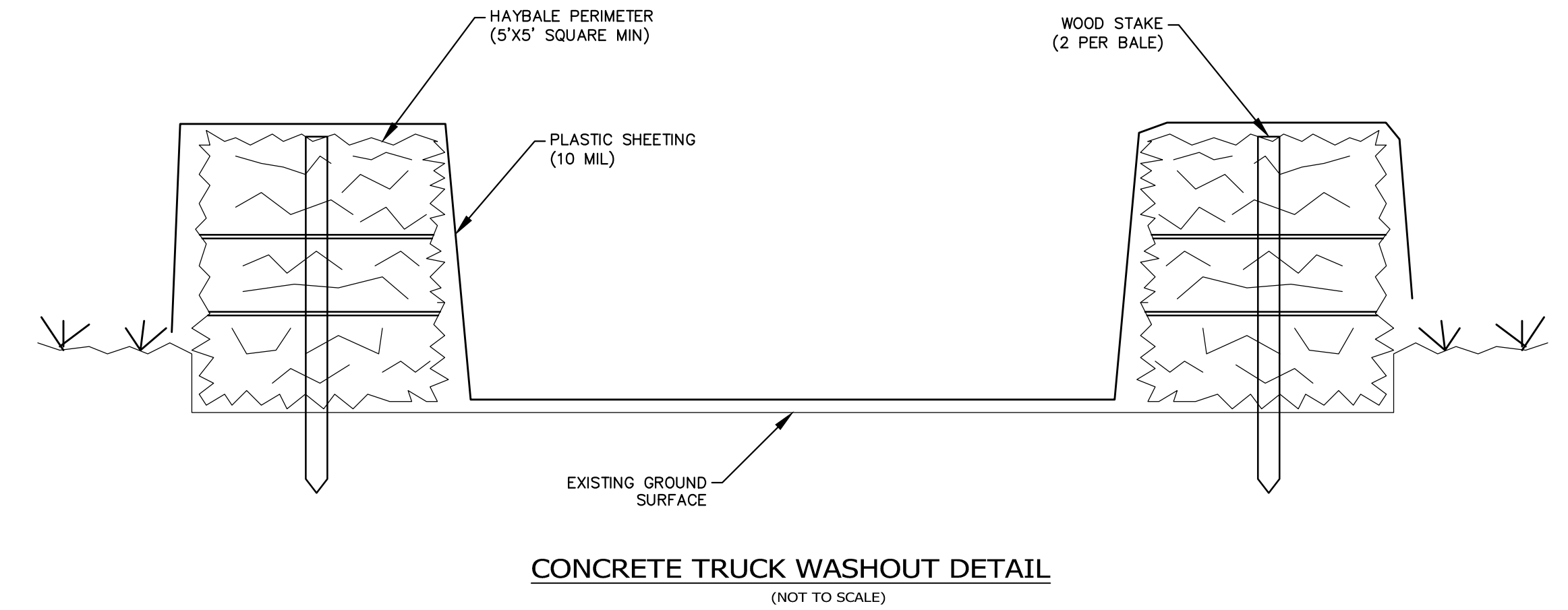
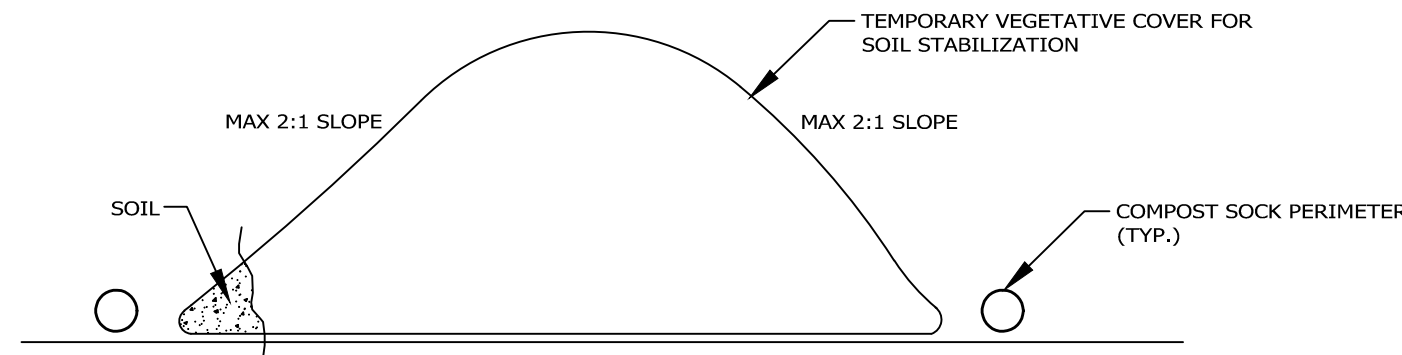
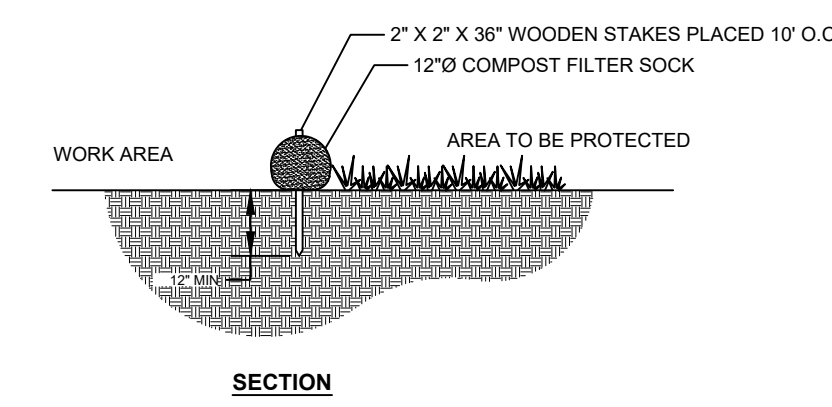
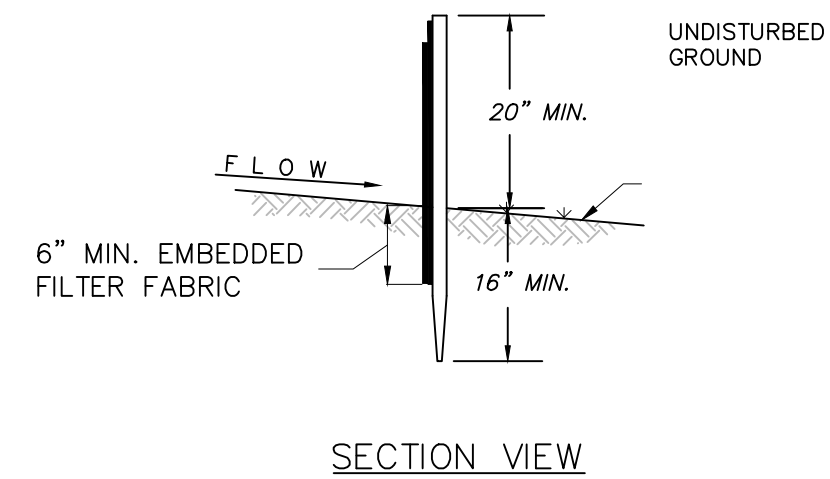
**SITE IMPROVEMENTS EROSION AND SEDIMENT CONTROL PLAN**

DRAWN	BY	DATE	PROJ. No:	SCALE:
CHECKED	TAS	05/21/21	499-010	1" = 20'
DESIGNED	AMM	05/21/21		
APPROVED	TAS	05/21/21		

**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Melville, N.Y. 11747  
ph: 631-756-1060  
fax: 631-756-1064

DWG. No: C-200  
CAD FILE: 2021-10003  
SHEET SIZE: D-24x36

NOT FOR CONSTRUCTION



COMPOST FILTER SOCK DETAIL  
NOT TO SCALE

COMPOST FILTER SOCK NOTES:

1. MANUFACTURED COMPOST FILTER SOCK TO BE FILTREXX SILTSOXX, OR APPROVED EQUIVALENT.
2. FILTER SOCKS ARE TO MEET ALL NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR COMPOST FILTER SOCKS.
3. WHERE INDEPENDENT SECTIONS OF FILTER SOCKS MEET, THEY SHALL BE OVERLAPPED A MINIMUM OF 2 FEET AND ADDITIONAL FILTER MEDIA SHALL BE PLACED ON THE END OF THE SOCK WHERE IT MEETS THE INSIDE FACE OF THE ADJACENT SOCK.
4. TERMINAL ENDS OF FILTER SOCK ARE TO BE TURNED IN TOWARD WORK AREA 45° AND EXTENDED A MINIMUM OF 8'.

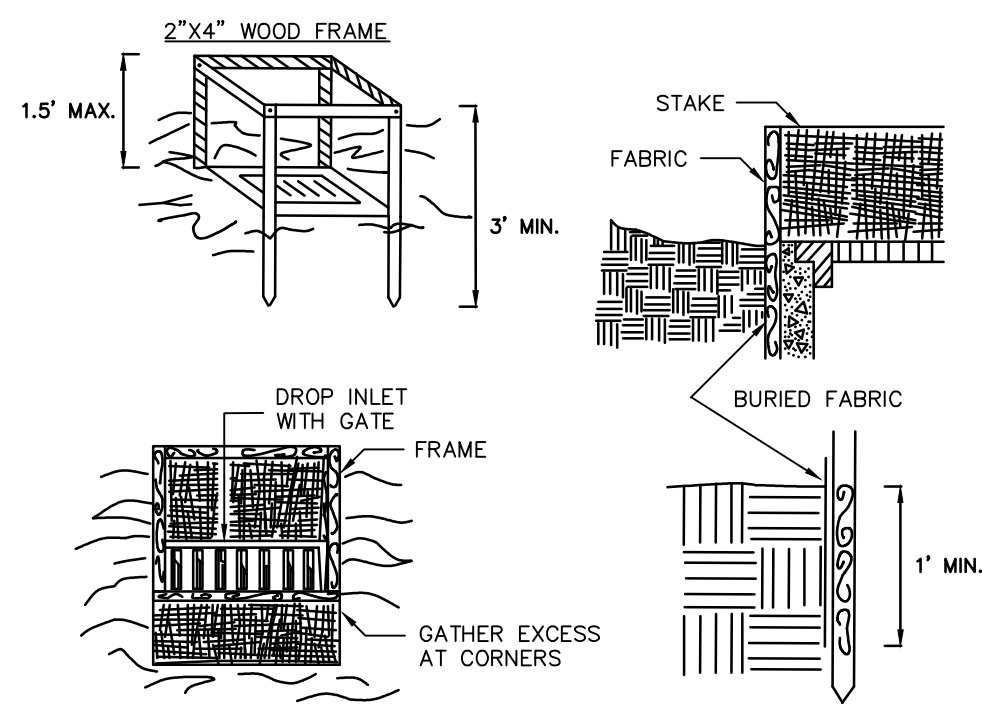
CONSTRUCTION SPECIFICATIONS

1. STOCKPILE AREAS ARE TO HAVE A DOWN-SLOPE PERIMETER CONTROL SYSTEM SUCH AS COMPOST FILTER SOCK OR SILT FENCING TO CONTAIN SOIL.
2. IF STOCKPILE AREAS ARE WITHIN THE PROJECT'S LIMIT OF DISTURBANCE, THE PROPOSED PERIMETER CONTROL MAY SUFFICE. IF STOCKPILES ARE NOT WITHIN THE PROJECT'S LIMIT OF DISTURBANCE THEN EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AT THE TOE OF THE SLOPE.
3. THE SLOPE OF A STOCKPILE SHOULD NOT EXCEED 2V:1H SLOPE.
4. STOCKPILES SURFACE CAN BE STABILIZED BY VEGETATION, GEOTEXTILE OR PLASTIC COVERS. THIS CAN BE AIDED BY ORIENTATING THE STOCKPILE LENGTHWISE INTO PREVAILING WINDS.
5. FOR WINTER STABILIZATION MEASURES, EROSION AND SEDIMENT CONTROL BARRIERS MUST BE AT LEAST 15 FEET FROM THE TOE OF THE STOCKPILES TO PREVENT SOIL MIGRATION AND TO CAPTURE LOOSE SOIL.

SILT FENCE DETAIL  
NOT TO SCALE

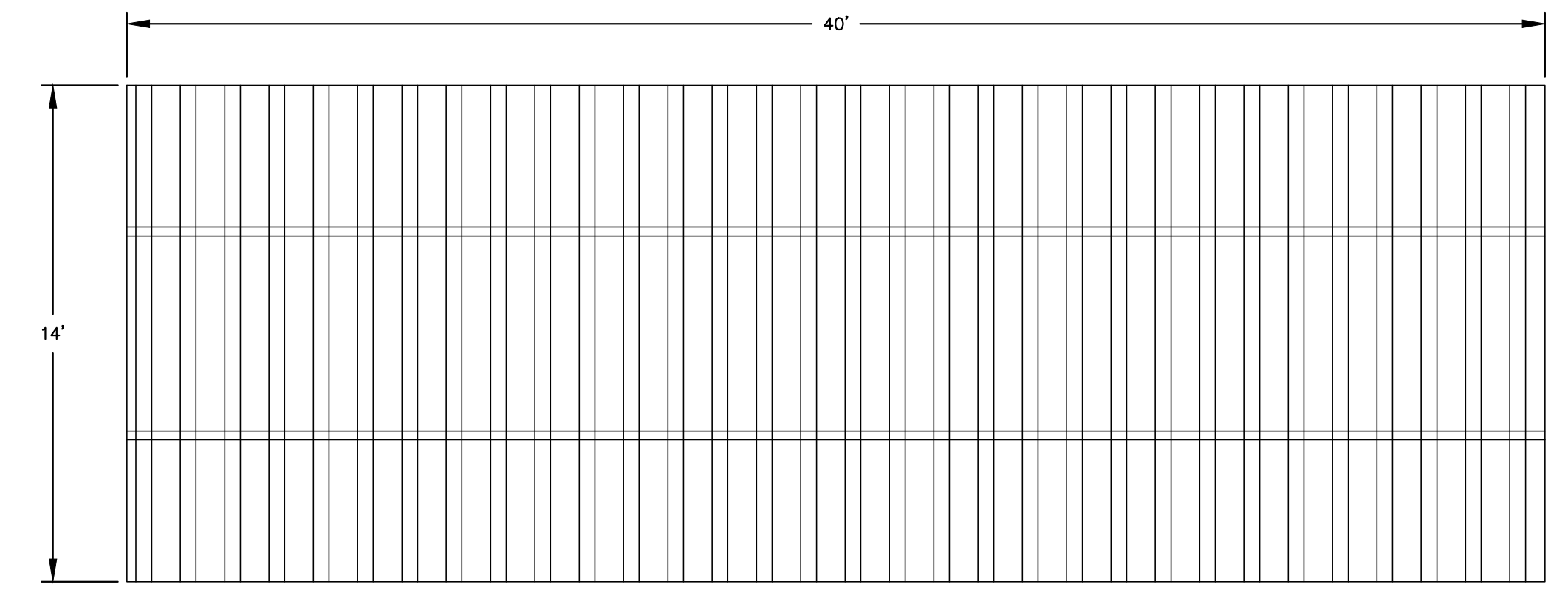
SILT FENCE NOTES:

1. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
2. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE STAKES WITH WIRE TIES OR STAPLES.
3. FILTER FABRIC SHALL BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
4. WHEN TWO SECTIONS OF FILTER FABRIC ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 6" AND FOLDED.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.



1. FILTER FABRIC SHALL HAVE AN EOS OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
2. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
3. STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT. METAL WITH A MINIMUM LENGTH OF 3 FEET.
4. SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
5. FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
6. A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY. MAXIMUM DRAINAGE AREA 1 ACRE

DROP INLET PROTECTION DETAIL  
(NOT TO SCALE)



CONSTRUCTION EXIT GRATING DETAIL  
(NOT TO SCALE)

**STERLING**  
Sterling Environmental Engineering, P.C.

**martinrogers**  
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185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
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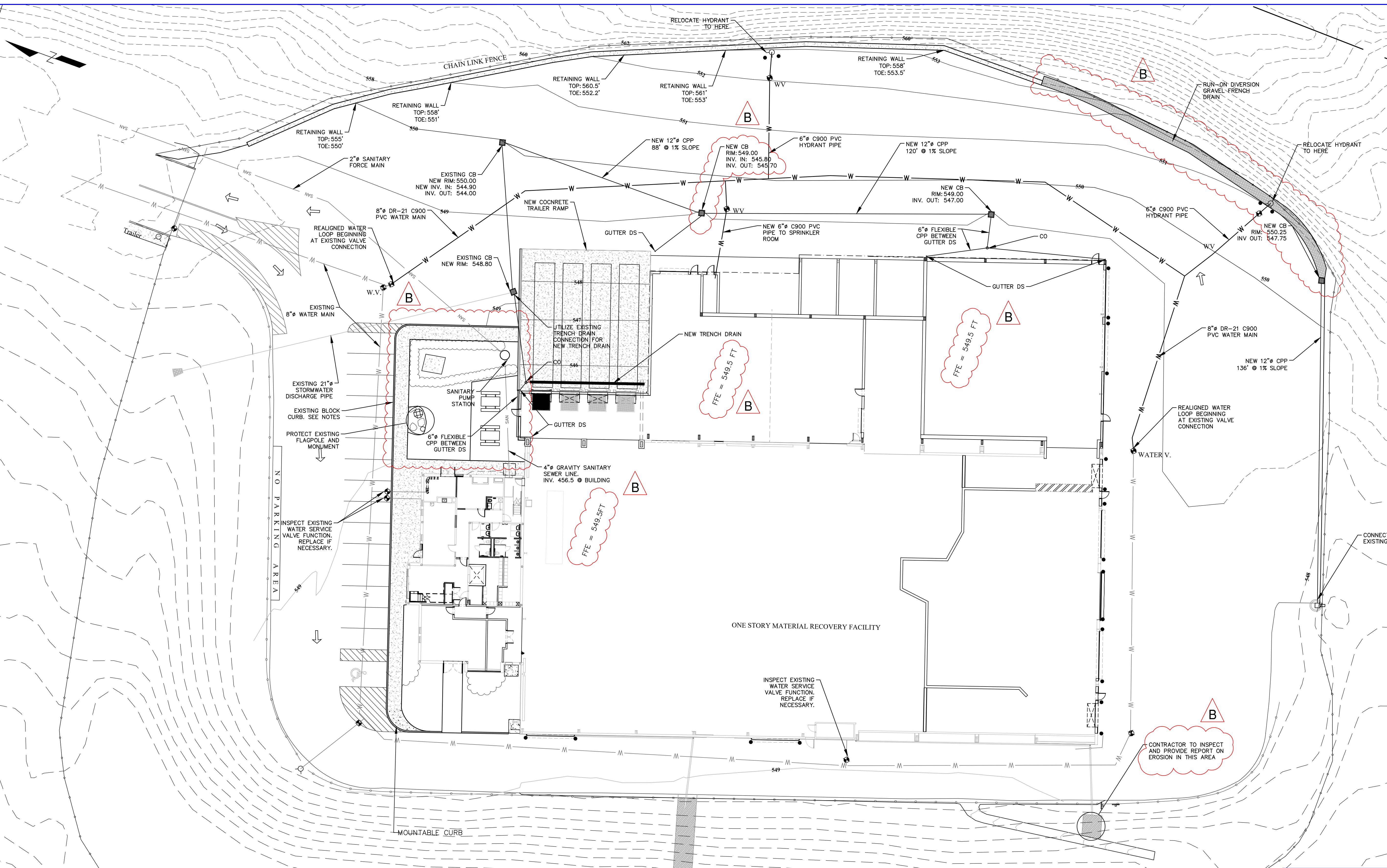
**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING  
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<p><b>RRT Engineering, LLC</b> An Affiliate of Enviro-Services &amp; Constructors, Inc. NY COA # 0017967</p>																																								
<p>ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS 420 TORNE VALLEY ROAD, HILLBURN, NY 10931</p>																																								
<p><b>SITE IMPROVEMENT PLAN E&amp;S DETAILS</b></p>																																								
<table border="1"> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DATE</th> <th>BY</th> <th>CHK</th> </tr> <tr> <td>B</td> <td>REVISED FOR RFP ADDENDUM 6</td> <td>07/23/21</td> <td>TAS</td> <td>JAMM</td> </tr> <tr> <td>A</td> <td>ISSUED FOR RFP</td> <td>07/05/21</td> <td>TAS</td> <td>JAMM</td> </tr> </table>	REV	DESCRIPTION	DATE	BY	CHK	B	REVISED FOR RFP ADDENDUM 6	07/23/21	TAS	JAMM	A	ISSUED FOR RFP	07/05/21	TAS	JAMM	<table border="1"> <tr> <th>DRAWN</th> <th>CHECKED</th> <th>DESIGNED</th> <th>APPROVED</th> <th>BY</th> <th>DATE</th> <th>PROJ. No:</th> <th>SCALE:</th> </tr> <tr> <td>TAS</td> <td>AMM</td> <td>TAS</td> <td>TAS</td> <td>TAS</td> <td>05/26/21</td> <td>499-010</td> <td>AS NOTED</td> </tr> <tr> <td colspan="7"> <p><b>RRT Engineering, LLC</b> 1 Huntington Quadrangle, 3501 Melville, N.Y. 11747 ph: 631-756-1060 fax: 631-756-1064</p> </td> <td> <p>DWG. NO: C-201 CAD FILE: 2021-10007 SHEET SIZE: D-24x36</p> </td> </tr> </table>	DRAWN	CHECKED	DESIGNED	APPROVED	BY	DATE	PROJ. No:	SCALE:	TAS	AMM	TAS	TAS	TAS	05/26/21	499-010	AS NOTED	<p><b>RRT Engineering, LLC</b> 1 Huntington Quadrangle, 3501 Melville, N.Y. 11747 ph: 631-756-1060 fax: 631-756-1064</p>							<p>DWG. NO: C-201 CAD FILE: 2021-10007 SHEET SIZE: D-24x36</p>
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NOT FOR CONSTRUCTION



**LEGEND**

---	PROPOSED CONTOUR - MAJOR
- - -	PROPOSED CONTOUR - MINOR
---	FENCELINE
---	EDGE OF PAVEMENT
---	EXISTING SANITARY SERVICE
---	EXISTING WATER MAIN
---	PROPOSED WATER MAIN
---	GUIDERAIL
○	HYDRANT
□	CATCH BASIN
●	WATER VALVE
●	BOLLARD

**NOTES:**

1. ALL EXISTING WATER SERVICE VALVES ARE TO BE TESTED AND REPLACED IF NECESSARY.
2. ANY STONE CURBING THAT IS REMOVED FOR UTILITY INSTALLATION OR SITE WORK AT THE NORTHWEST END OF THE BUILDING IS TO BE SAVED AND REUSED. IF THE STONE IS DAMAGED AND CANNOT BE REUSED, IT SHALL BE REPLACED IN-KIND.
3. EXISTING MONUMENT AND FLAGPOLE IN LANDSCAPED AREA ARE TO REMAIN UNDISTURBED.

**MAP REFERENCE:**

- BASE SITE SURVEY BY GARY R. RICH, LLS. JULY 12, 2016.
- PERIMETER CONTOURS FROM NYSGIS ROCKLAND COUNTY LIDAR, 2014
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ANDERSON DESIGN GROUP	ARCHITECTURE PLANNING INTERIORS
-----------------------------	---------------------------------------

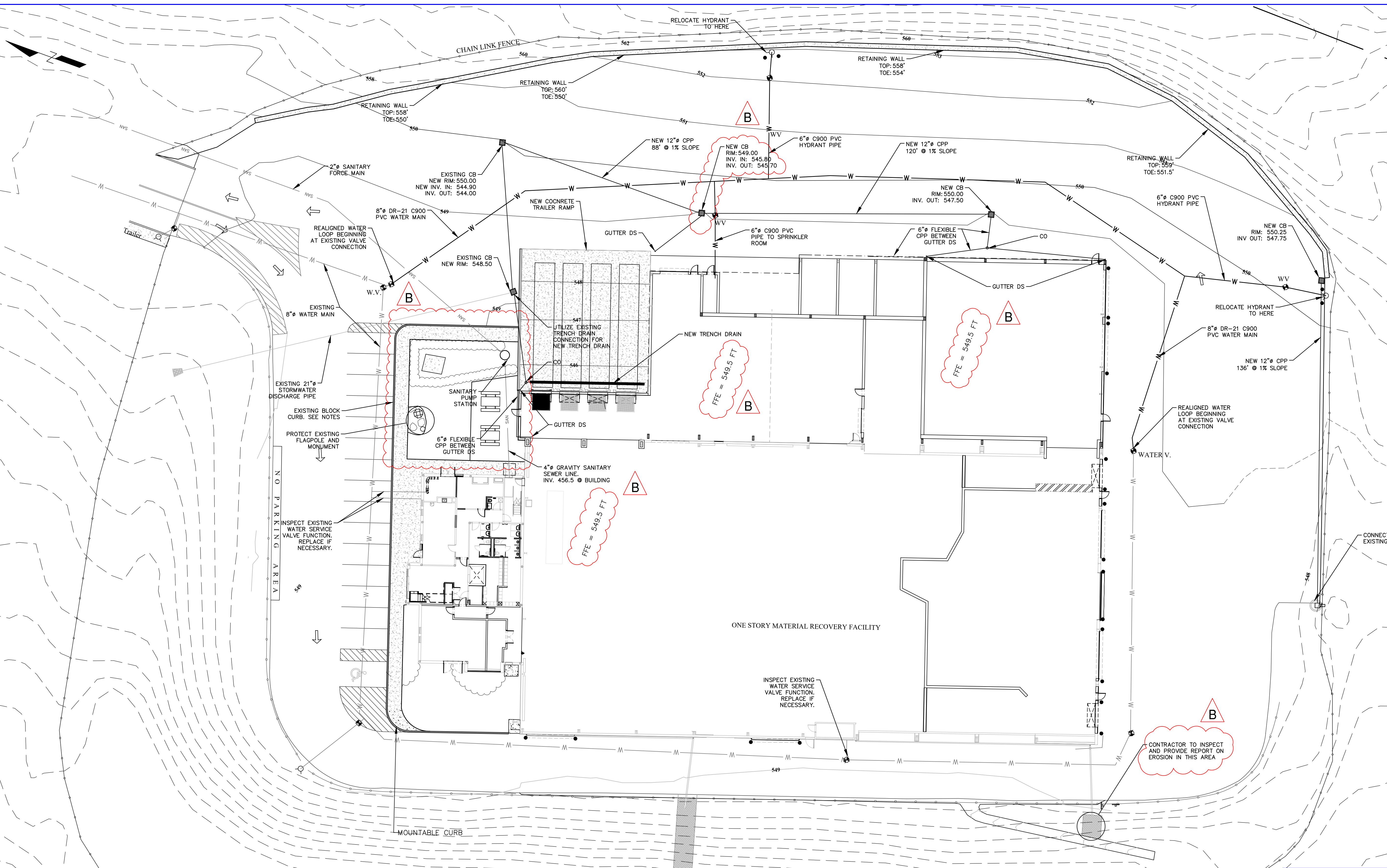
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NY COA # 0017967

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REV	DESCRIPTION	DATE	BY
	PROPRIETARY DATA		
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	RRT Engineering, LLC 1 Huntington Quadrangle, 3501 Melville, N.Y. 11747 ph: 631-756-1069 fax: 631-756-1064		

DRAWN	BY	DATE	PROJ. No:	SCALE:
CHECKED	TAS	05/18/21	499-010	1" = 20'
DESIGNED	TAS	05/18/21	DWG. No:	C-400
APPROVED			CAD FILE:	2021-10004
APPROVED			SHEET SIZE:	D-24x36



**LEGEND**

---	554	PROPOSED CONTOUR - MAJOR
---	---	PROPOSED CONTOUR - MINOR
---	---	FENCELINE
---	---	EDGE OF PAVEMENT
---	SAN	EXISTING SANITARY SERVICE
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○	○	HYDRANT
□	□	CATCH BASIN
●	●	WATER VALVE
●	●	BOLLARD

**NOTES:**

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2. ANY STONE CURBING THAT IS REMOVED FOR UTILITY INSTALLATION OR SITE WORK AT THE NORTHWEST END OF THE BUILDING IS TO BE SAVED AND REUSED. IF THE STONE IS DAMAGED AND CANNOT BE REUSED, IT SHALL BE REPLACED IN-KIND.
3. EXISTING MONUMENT AND FLAGPOLE IN LANDSCAPED AREA ARE TO REMAIN UNDISTURBED.

**MAP REFERENCE:**

- BASE SITE SURVEY BY GARY R. RICH, LLS. JULY 12, 2016.
- PERIMETER CONTOURS FROM NYSGIS ROCKLAND COUNTY LIDAR, 2014
- UTILITY INFORMATION FROM DRAWING TITLED "RECYCLING FACILITY BUILDING UTILITY PLAN" BY MAGUIRE GROUP ARCHITECTS/ENGINEERS/PLANNERS PC, DATED JUNE 13, 1997.

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**martinrogers**  
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185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
1-717-851-1000 | 1-717-851-0888 | www.mro.com

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NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN  
MATERIALS RECOVERY FACILITY,  
FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931



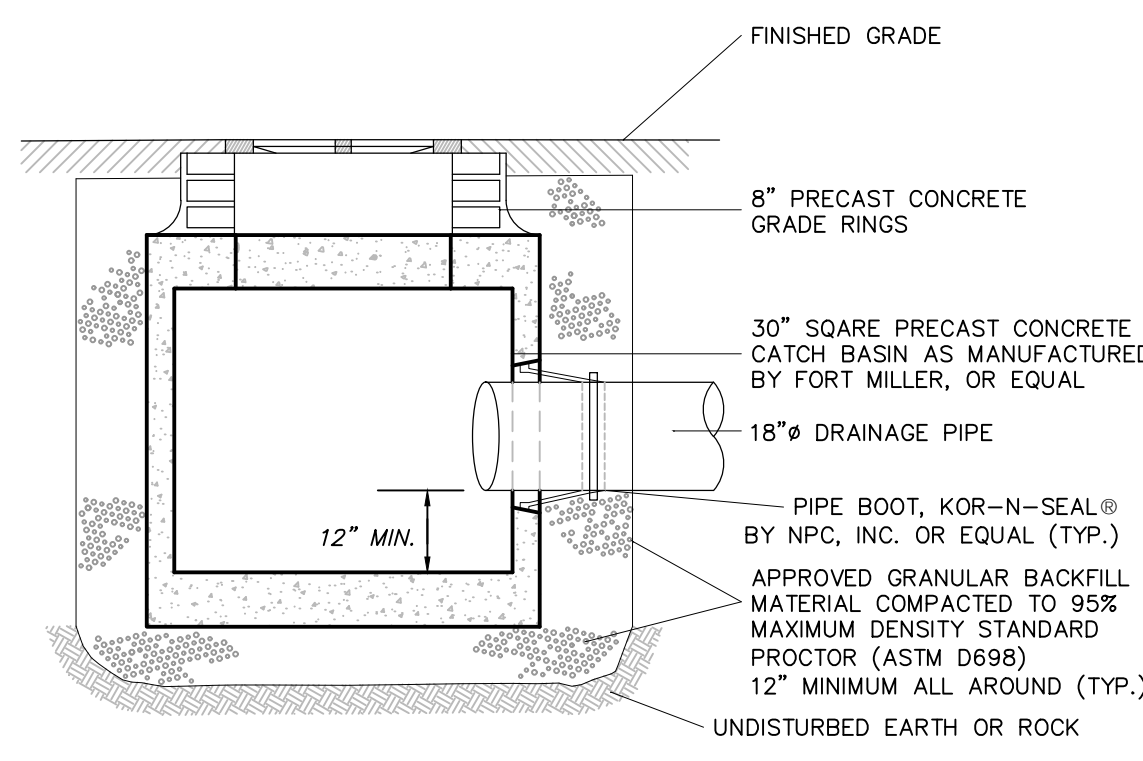
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B	REVISED FOR RFP ADDENDUM 6	07/23/21	TAS/JAM	
A	ISSUED FOR RFP	07/05/21	TAS/JAM	

REV	DESCRIPTION	DATE	BY	CHK
DRAWN	TAS	05/18/21		
CHECKED	AMM	05/18/21		
DESIGNED	TAS	05/18/21		
APPROVED				

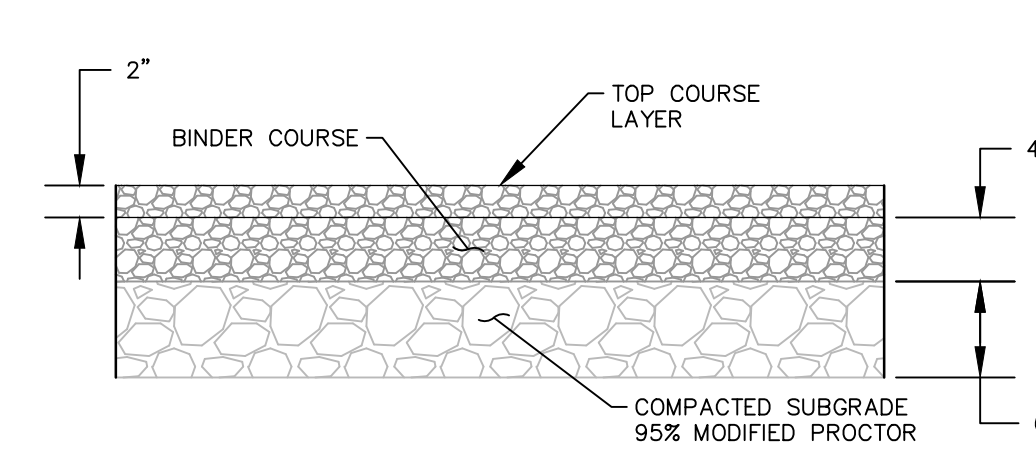
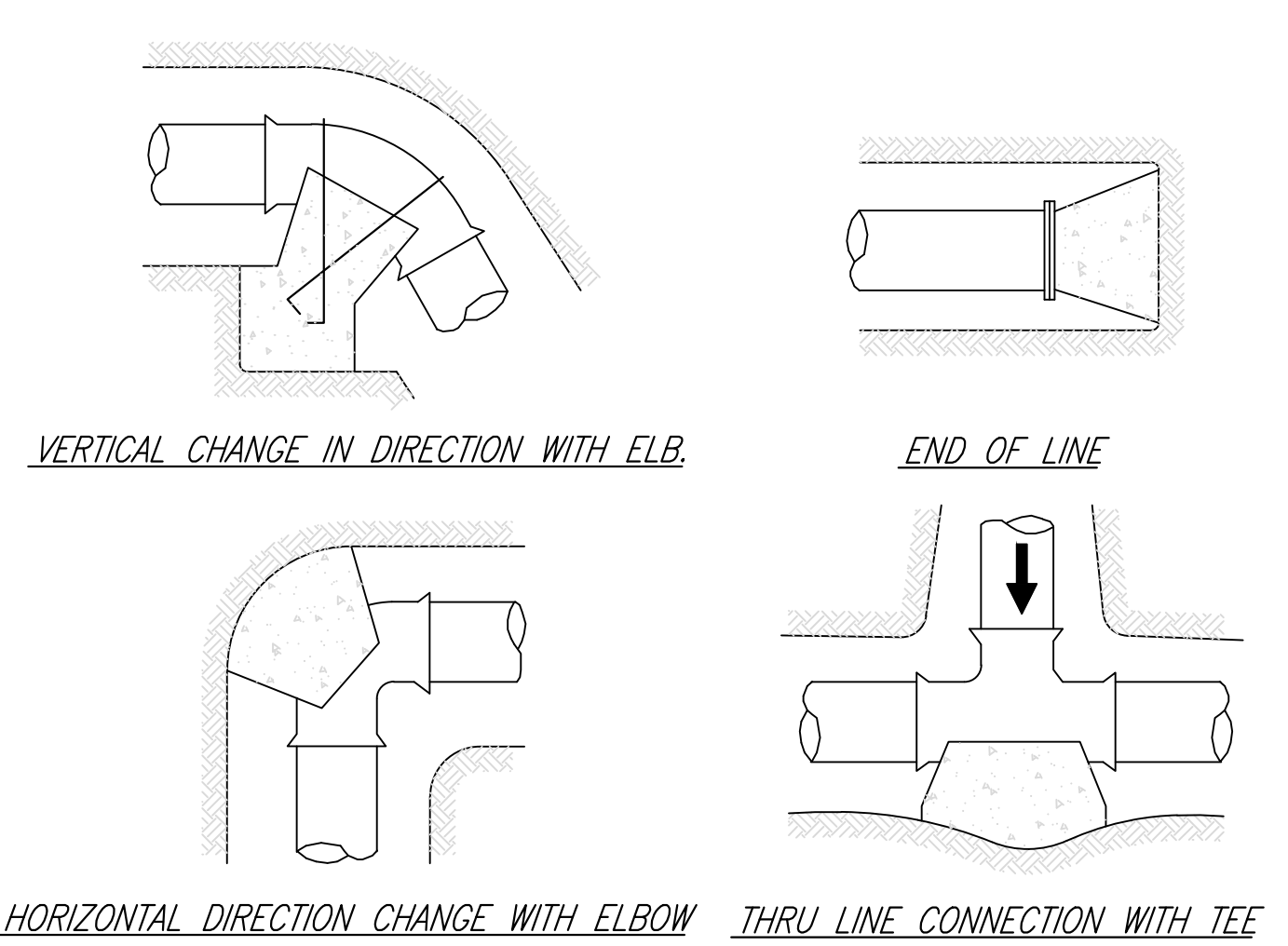
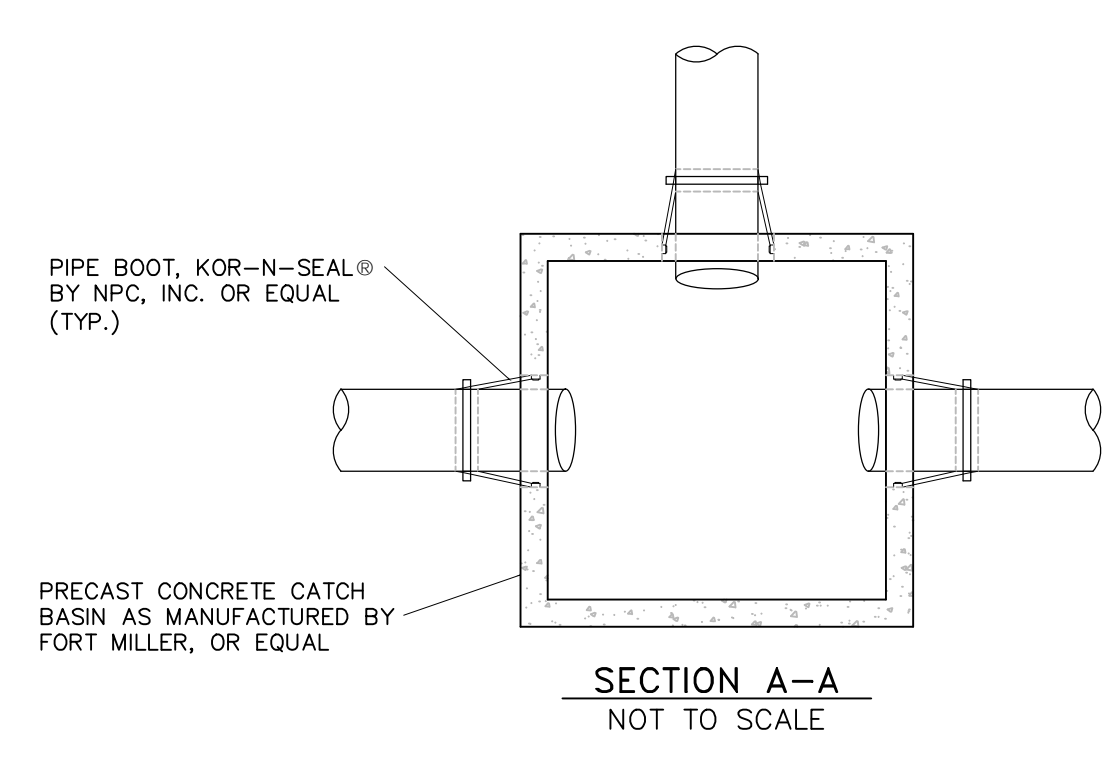
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**RRT Engineering, LLC**  
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fax: 631-756-1064

PROJ. No: 499-010 SCALE: 1" = 20'  
DWG. No: C-400A  
CAD FILE: 2021-10004A  
SHEET SIZE: D-24x36

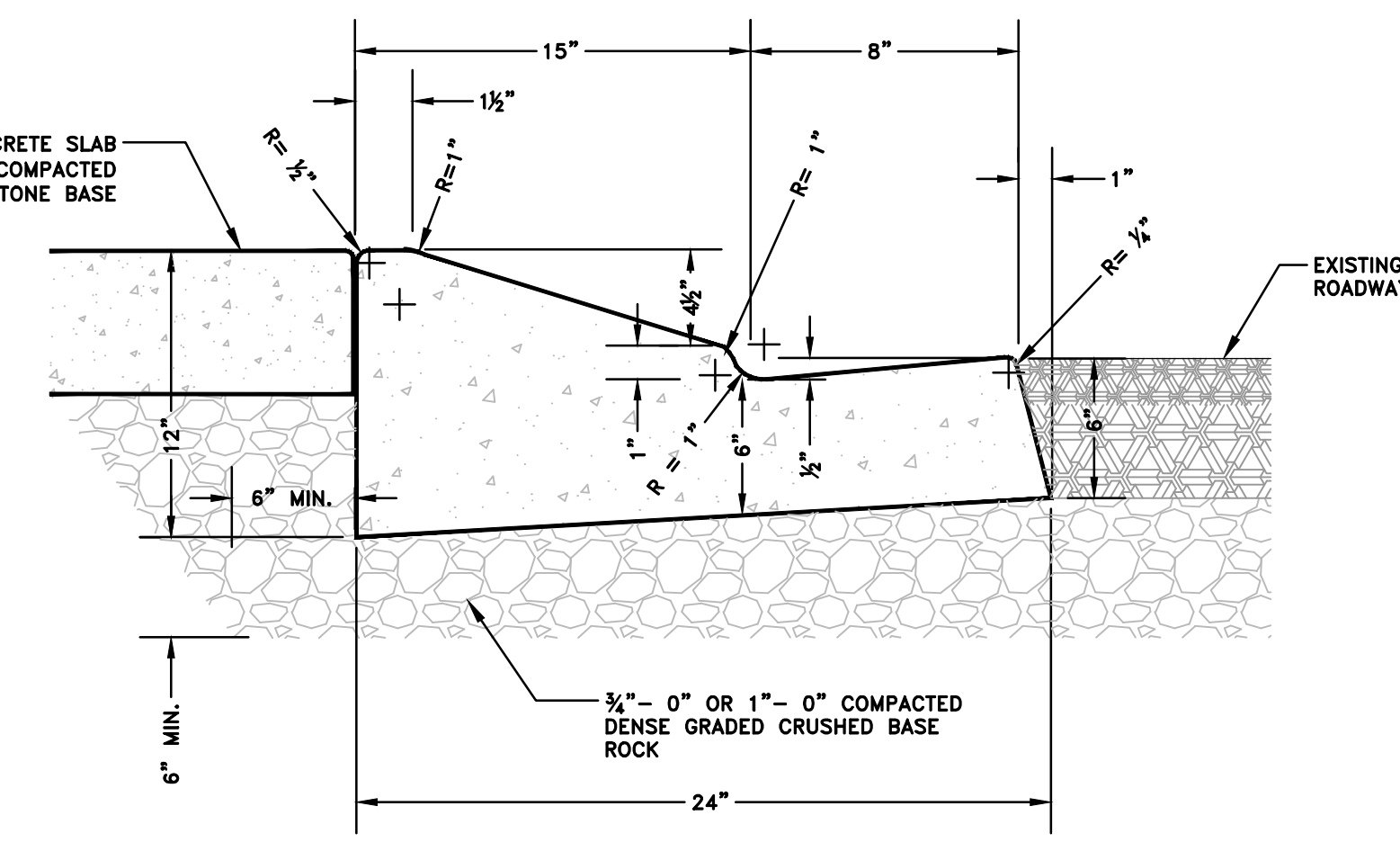


**TYPICAL SHALLOW CATCH BASIN**  
(NOT TO SCALE)



NOTES:  
1. SAW CUT EXISTING PAVEMENT TO FULL DEPTH AT LIMITS OF EXCAVATION AND MILL TOP 2-INCHES A MINIMUM OF 3- FEET BEYOND LIMITS TO JOIN NEW PAVEMENT TO EXISTING PAVEMENT.

**PAVEMENT DETAIL**  
(NOT TO SCALE)

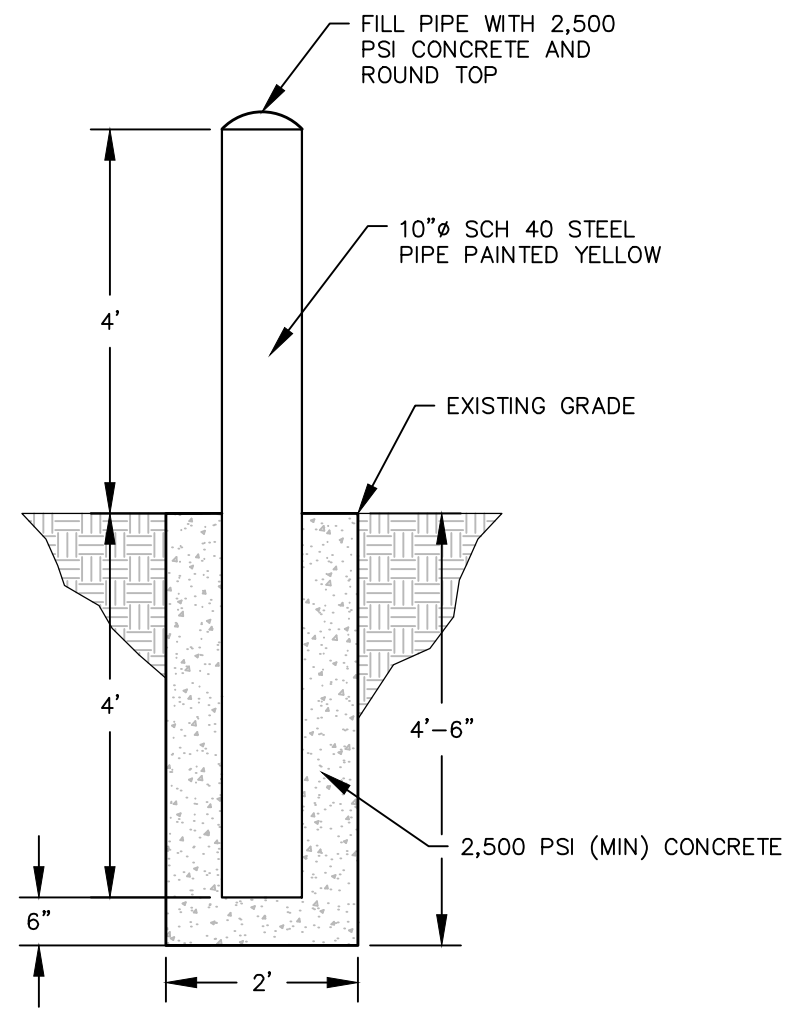


NOTES:  
1. CONCRETE USED FOR CURB SHALL MEET A 3,000 PSI COMPRESSION STRENGTH AT 28 DAYS.  
2. CONTRACTION JOINTS (1/2" DEEP) SHALL BE CONSTRUCTED AT ALL CHANGES OF DIRECTION, POINTS OF CURVATURE AND AT A MAXIMUM SPACING OF 10 FEET.  
3. THIS CURB DESIGN IS LIMITED TO USE IN SPECIAL CIRCUMSTANCES SPECIFICALLY APPROVED BY THE CITY ENGINEER.  
4. FINISH ENTIRE CONCRETE SURFACE TO SMOOTH AND UNIFORM TEXTURE WITH A BROOM FINISH, UNLESS OTHERWISE DIRECTED.

**LOW PROFILE MOUNTABLE CURB DETAIL**  
(NOT TO SCALE)

**GATE POST**

GATE LEAF WIDTH	GATE POST (OD)	FABRIC HEIGHT	"A" DIAM	"B" DEPTH	"C" POST EMBED.
3' TO 6'	2.785"	6' TO 9'	12"	38"	36"
		6' TO 9'	14"	42"	40"
		10' TO 12'	16"	46"	44"
		3' TO 5'	14"	38"	36"
		6' TO 9'	16"	42"	40"
7' TO 12'	4.000"	10' TO 12'	18"	46"	44"
13'	6.625"	9'-0"	16"	42"	40"



**BOLLARD DETAIL**  
(NOT TO SCALE)

**LINE AND TERMINAL POSTS**

FABRIC HEIGHT	TYPE POST	"A" DIAM	"B" DEPTH	"C" POST EMBEDMENT
3'-0" TO 4'-0"	LINE	10"	32"	30"
	TERMINAL	10"	32"	30"
5'-0"	LINE	10"	32"	38"
	TERMINAL	10"	32"	30"
6'-0" TO 9'-0"	LINE	12"	38"	38"
	TERMINAL	12"	38"	30"
10'-0" TO 12'-0"	LINE	18"	38"	36"
	TERMINAL	18"	38"	36"
13'-0" TO 18'-0"	LINE	24"	42"	40"
	TERMINAL	24"	42"	40"

NOTES:  
1. TERMINAL POSTS INCLUDE END, CORNER, AND PULL POSTS.  
2. NO MORE THAN FOUR (4) LINE POSTS MAY BE SET IN SEQUENCE. EVERY FIFTH POST (MIN) TO MEET TERMINAL POST DIMENSIONS.

**FENCE DETAIL**  
(NOT TO SCALE)

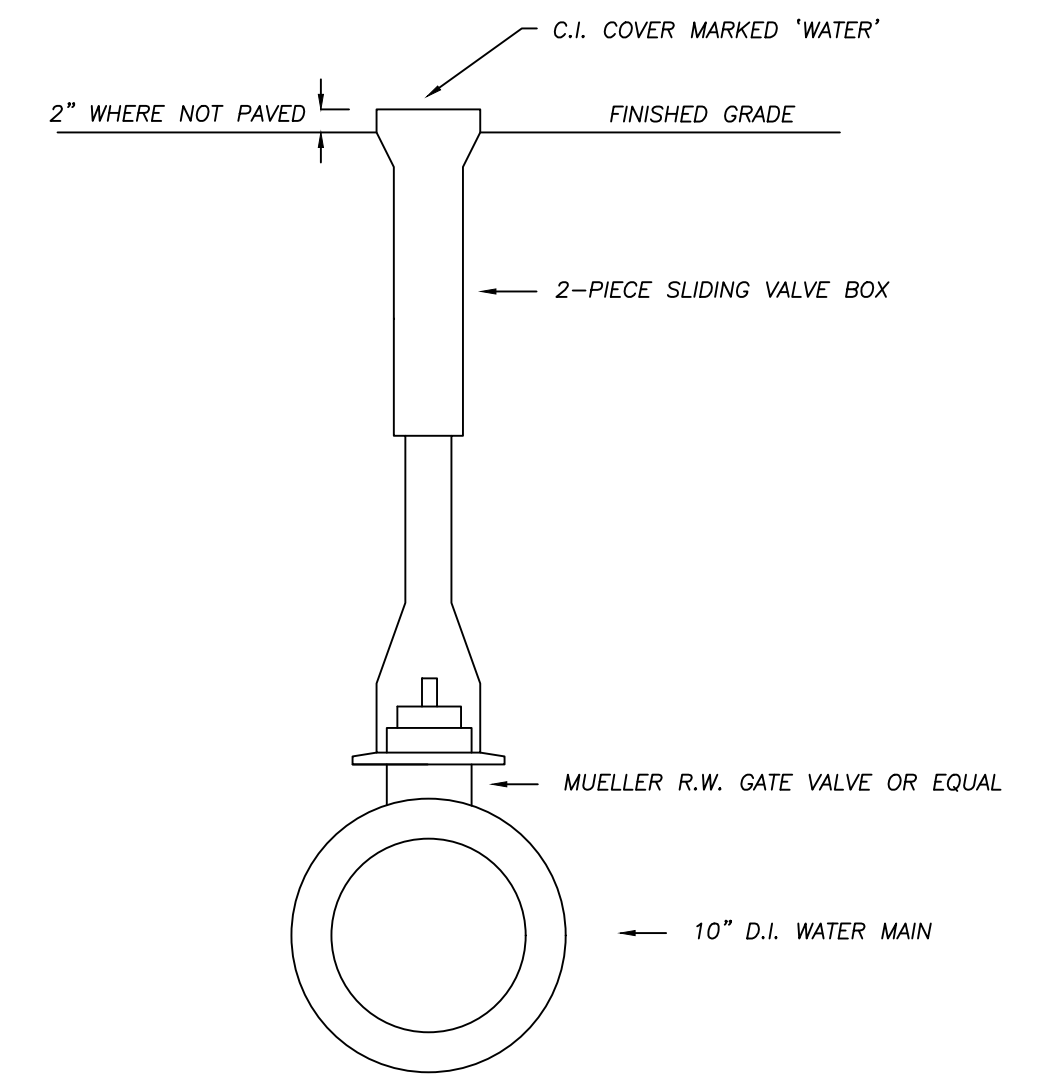
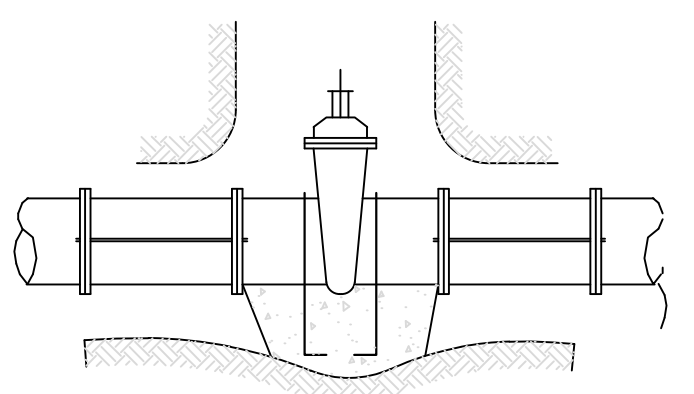
**LINE SIZE REDUCTION**

NOTES:  
1. THRUST BLOCKS TO BE PROVIDED PER SPECIFICATIONS AND A.W.W.A. PAMPHLET # M23.  
2. THRUST BLOCKS TO BE OF 2500 PSI CONCRETE MINIMUM.  
3. THRUST BLOCKS TO BE PROVIDED AT ALL CHANGES IN DIRECTION - BOTH HORIZONTAL AND VERTICAL - ALL CHANGES IN PIPE SIZE, ALL STOPS AND PLUGS, VALVES AND ALL OTHER POINTS REQUIRING RESISTANCE TO PRESSURE.

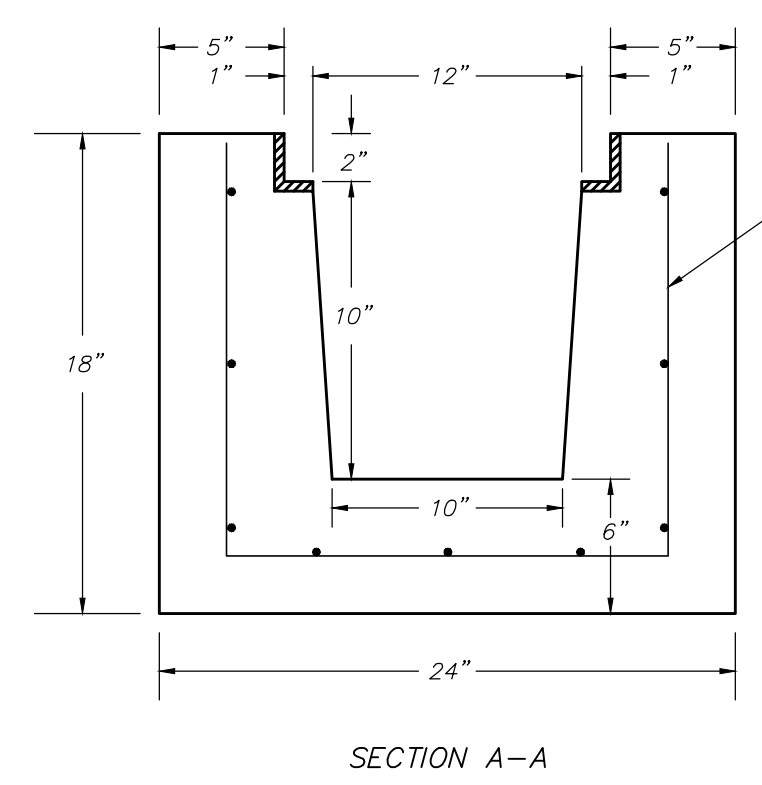
**THRUST BLOCK SIZING FOR 12" PIPE**

FITTING	THRUST (#150 PSI)	HARD SHALE	SAND & GRAVEL	SAND	SOFT CLAY
TEES AND DEAD ENDS	22,965 #	2.5 SF	8.0 SF	11.5 SF	23 SF
90° BEND	32,460 #	3.5 SF	11 SF	16.5 SF	32.5 SF
45° BEND	17,580 #	2.0 SF	6.0 SF	9.0 SF	18 SF
22.5° BEND	8,910 #	1.0 SF	3.0 SF	4.5 SF	9.0 SF

**THRUST BLOCK DETAIL**  
(NOT TO SCALE)

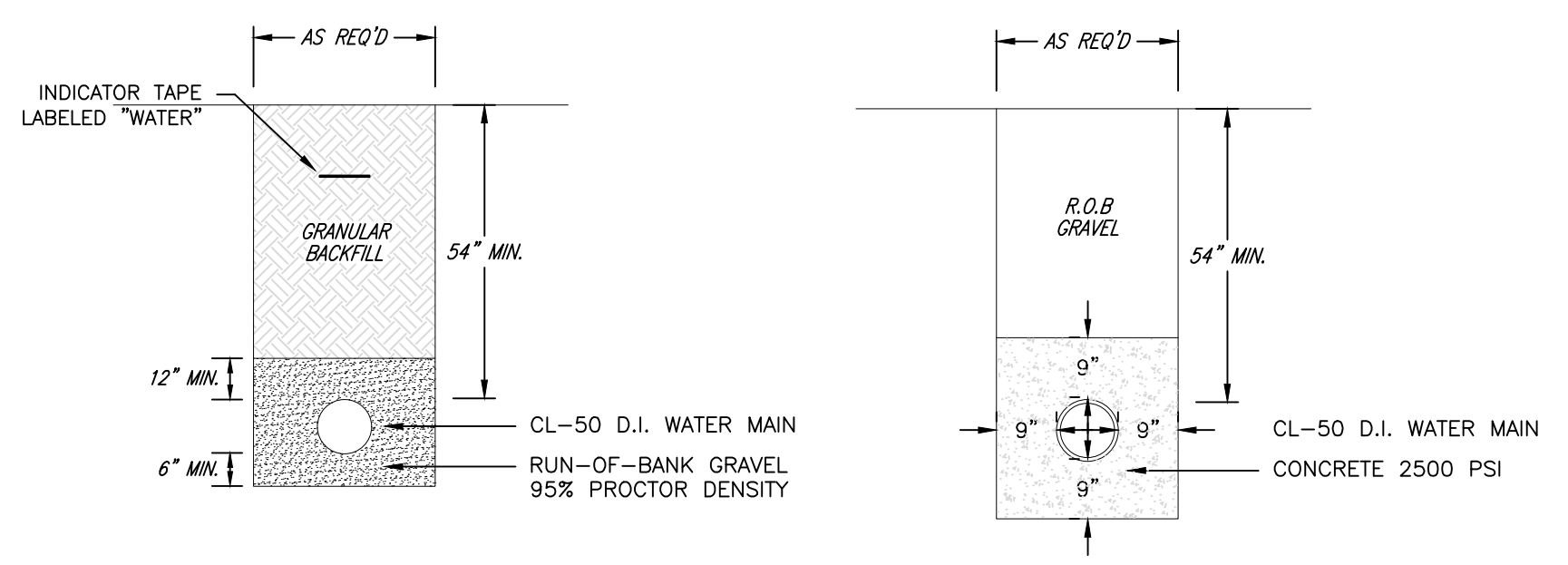


**VALVE BOX DETAIL**  
(NOT TO SCALE)

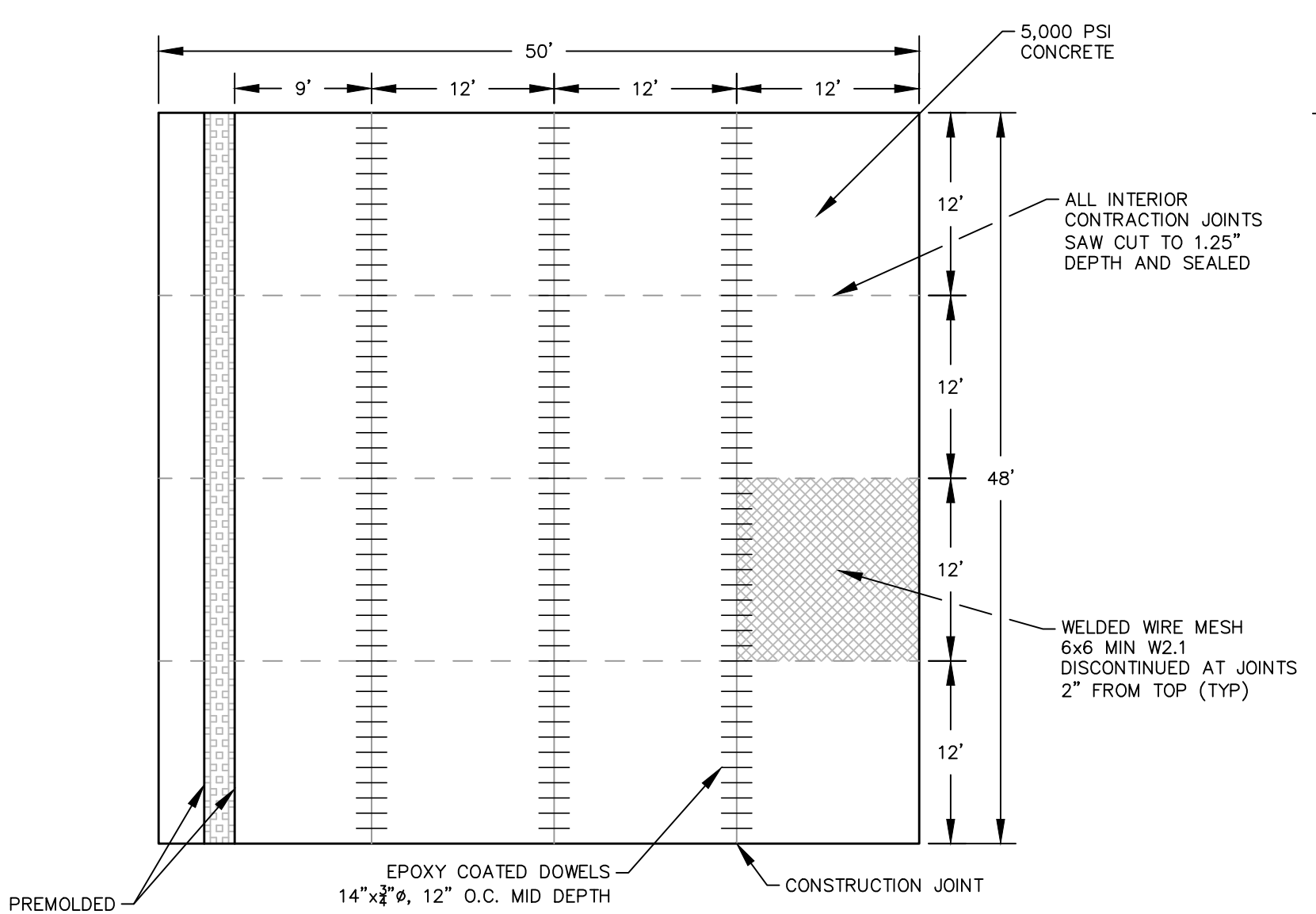


**TRENCH DRAIN DETAIL**  
(NOT TO SCALE)

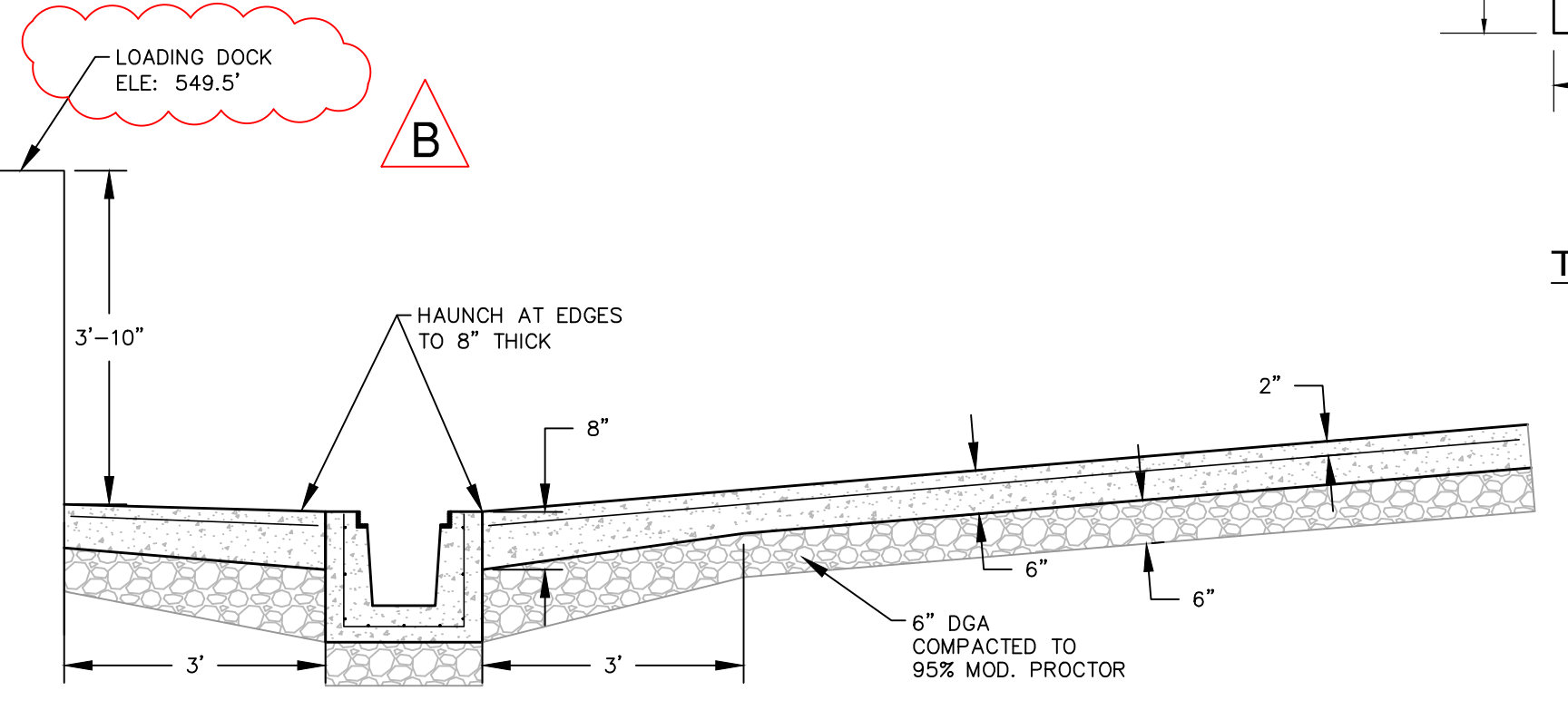
NOTES:  
1. MINIMUM 4,000 PSI CONCRETE @ 28 DAYS  
2. 60 GRADE REINFORCEMENT  
3. APPROX. WEIGHT = 325 LBS/LIN.FT.



**PIPE TRENCH DETAILS**  
(NOT TO SCALE)



**LOADING DOCK SLAB DETAIL**  
(NOT TO SCALE)



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**SITE IMPROVEMENT PLAN SITE DETAILS**

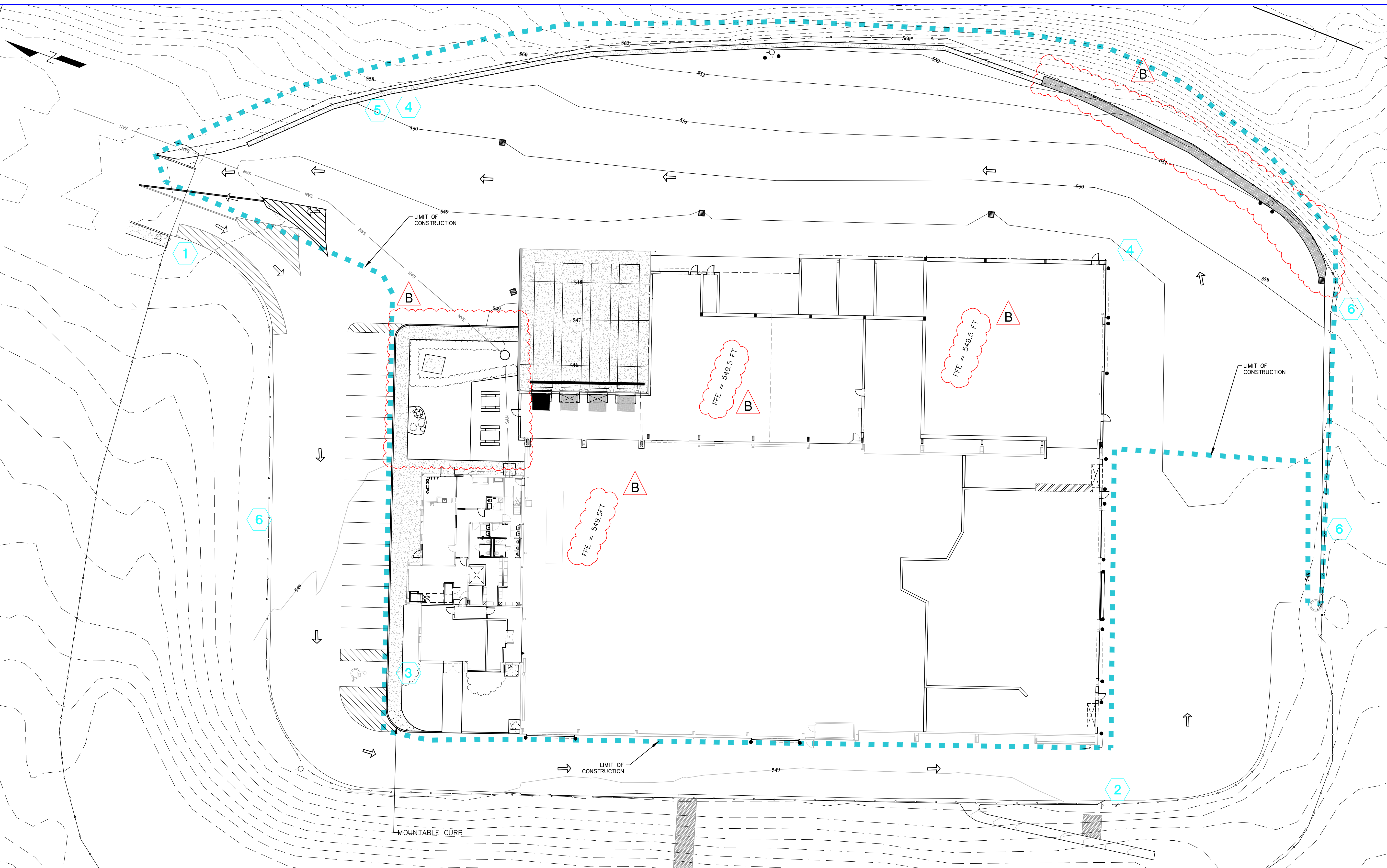
STATE OF NEW YORK  
ANDREW M. MILLSPONG  
094708  
LICENSED PROFESSIONAL ENGINEER  
N.Y. P.E. LICENSE No. 094708

REV	DESCRIPTION	DATE	BY
B	REVISED FOR RFP ADDENDUM 6	07/23/21	TAS/JAM
A	ISSUED FOR RFP	07/05/21	TAS/JAM

DRAWN	CHECKED	DESIGNED	APPROVED	BY	DATE	PROJ. No.	SCALE
TAS	TAS	TAS	TAS	TAS	05/18/21	499-010	N.T.S.

**RRT Engineering, LLC**  
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Melville, N.Y. 11747  
ph: 631-756-1060  
fax: 631-756-1064

DWG. No. C-401  
CAD FILE: 2021-10009  
SHEET SIZE: D-24x36



LEGEND

	PROPOSED CONTOUR - MAJOR
	PROPOSED CONTOUR - MINOR
	FENCELINE
	EDGE OF PAVEMENT
	LIMIT OF CONSTRUCTION
	GUIDERAIL
	HYDRANT
	CATCH BASIN
	BOLLARD
	NEW PAVEMENT MARKING
	EXISTING PAVEMENT MARKING

1		4	
2		5	
3		6	

NOT FOR CONSTRUCTION

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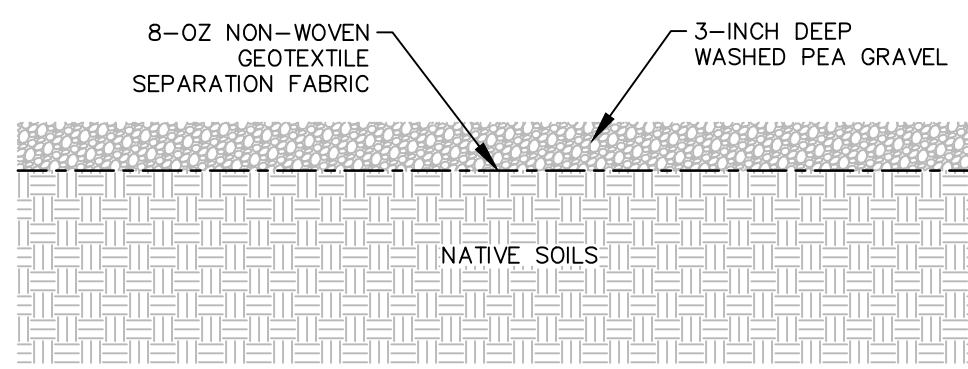
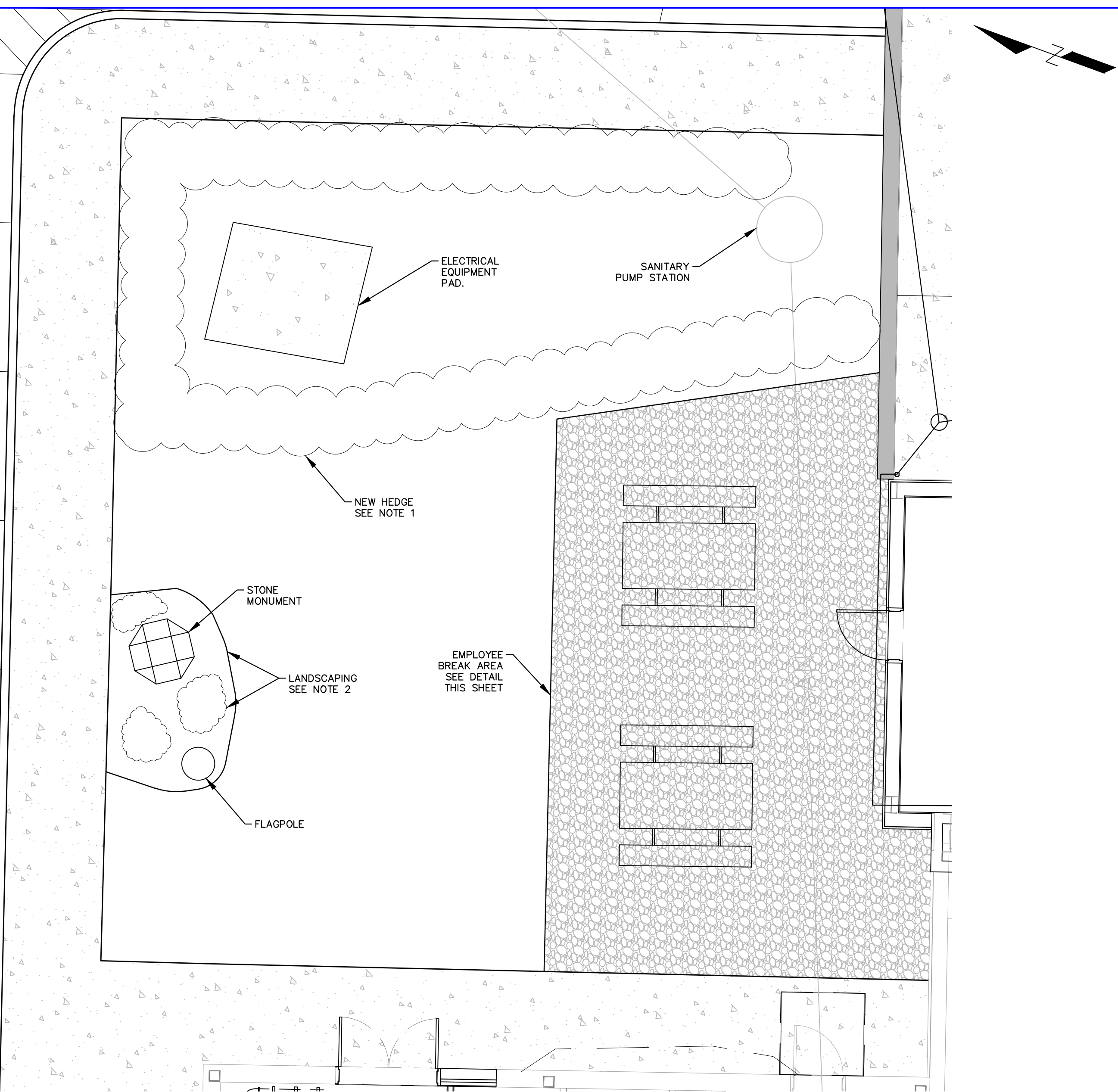
**Rockland Green**  
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FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**SITE RESTORATION PLAN  
SIGNAGE AND STRIPING**

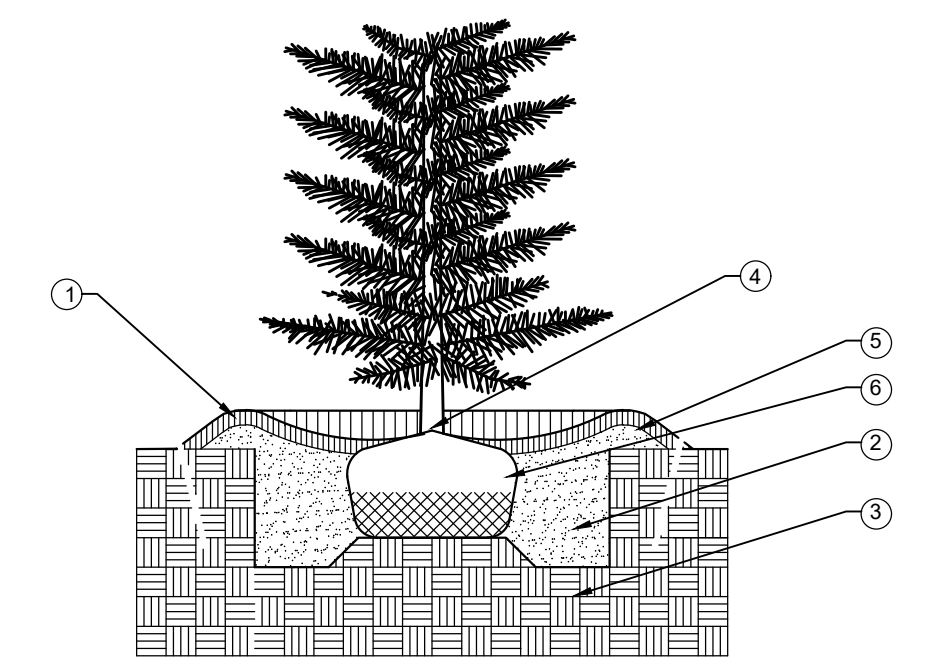


N.Y. P.E. LICENSE No. **094708**  
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REV	DESCRIPTION	DATE BY	CHECKED	DESIGNED	APPROVED	BY	DATE	PROJ. No:	SCALE:
B	REVISED FOR RFP ADDENDUM 6	07/23/21 TAJ/AMM				TAS	05/18/21	499-010	1" = 20'
A	ISSUED FOR RFP	07/05/21 TAJ/AMM				TAS	05/18/21		
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**EMPLOYEE BREAK AREA DETAIL**  
NTS



- ① 3" SHREDDED HARDWOOD MULCH
- ② PREPARED BACKFILL SOIL MIXTURE
- ③ UNDISTURBED SOIL PEDESTAL
- ④ SET TREE ABOVE THE ORIGINAL GRADE 1/4" DEPTH OF ROOT BALL
- ⑤ SOIL SAUCER: USE PREPARED SOIL, 6" MIN.
- ⑥ ROPES AT TOP OF BALL SHALL BE CUT. REMOVE TOP 1/4" OF BURLAP. NON-BIODEGRADABLE MATERIAL SHALL BE TOTALLY REMOVED

**HEDGE PLANTING DETAIL**  
NTS

- NOTES:
- HEDGE TO BE HICK'S YEW (TAXUS MEDIA HICKSII). SHRUBS TO BE MINIMUM 24-INCH TALL, PLANTED 3-FT ON CENTER (33 TOTAL PLANTING). SEE PLANTING DETAIL.
  - REMOVE AND REPLACE EXISTING MULCH AND PLANTINGS AROUND STONE MONUMENT AND FLAGPOLE. INSTALL THREE (3) CREEPING JUNIPER AS SHOWN AND MULCH AREA TO 3-INCH DEPTH WITH NATURAL COLOR WOOD MULCH.

- MAP REFERENCE:
- BASE SITE SURVEY BY GARY R. RICH, LLS. JULY 12, 2016.
  - PERIMETER CONTOURS FROM NYSGIS ROCKLAND COUNTY LIDAR, 2014
  - UTILITY INFORMATION FROM DRAWING TITLED "RECYCLING FACILITY BUILDING UTILITY PLAN" BY MAGUIRE GROUP ARCHITECTS/ENGINEERS/PLANNERS PC, DATED JUNE 13, 1997.

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CHECKED	TAS	07/22/21	499-010	N.T.S.
DESIGNED	AMM	07/22/21		
APPROVED	TAS	07/22/21		

DWG. NO: C-501  
CAD FILE: 2021-10010  
SHEET SIZE: D-24x36

B

REV

## DESIGN DATA:

DESIGN PROVISIONS PER: BUILDING CODE OF NEW YORK STATE (BCNYS) 2020 INTERNATIONAL BUILDING CODE (IBC) 2018  
 BUILDING OCCUPANCY: CATEGORY II-MODERATE HAZARD  
 TERRAIN CATEGORY: EXPOSURE B- URBAN OR SUBURBAN AREA, WOODED AREA w/ CLOSELY SPACED OBSTRUCTIONS

FLOOR LOADS:		
FLOOR LIVE LOAD:		
STORAGE HEAVY		250 PSF
DEAD LOAD:		
8" SLAB ON GRADE		100 PSF
10" SLAB ON GRADE		125 PSF
ROOF LOADS:		
DEAD LOAD:		
PEMB STRUCTURE INCLUDING BUT NOT LIMITED TO: PRIMARY FRAMING, SECONDARY FRAMING, METAL ROOF PANEL AND INSULATION (BY MANUFACTURER)		
		- PSF
COLLATERAL (IN ADDITION TO SUPPORT OF EQUIPMENT DEFINED ON DRAWINGS)		
		10 PSF
SNOW LOAD:		
GROUND SNOW LOAD (pg)	3.0 PSF	
EXPOSURE FACTOR (Ce)	1.0	
THERMAL FACTOR (Cl)	1.2	
IMPORTANCE FACTOR (I)	1.0	
FLAT ROOF SNOW LOAD (pf)	30 PSF	
ROOF LIVE LOAD:		20 PSF

LATERAL LOADS:		
WIND LOAD:		
BASIC WIND SPEED (3 SECOND GUST)	112 MPH	
IMPORTANCE FACTOR (Iw)	1.0	
INTERNAL PRESSURE COEFF. (GCPI)	+/-0.18	
WIND VELOCITY PRESSURE (Qs)	- PSF	
NET WIND UPLIFT	- PSF	
WIND BASE SHEAR (V)	- kips (E/W) - kips (N/S)	
EARTHQUAKE LOAD:		
SITE CLASS (STIFF SOIL PROFILE)	D	
MAPPED SPECTRAL RESPONSE		
-SHORT PERIOD (Ss)	0.283g	
MAPPED SPECTRAL RESPONSE		
-SHORT PERIOD (S1)	0.060g	
DESIGN SPECTRAL RESPONSE		
-SHORT PERIOD (Sds)	0.297g	
DESIGN SPECTRAL RESPONSE		
-SHORT PERIOD (Sd1)	0.097g	
SEISMIC DESIGN CATEGORY (SDC)	B	
IMPORTANCE CATEGORY (Ie)	1.0	
ANALYSIS PROCEDURE-		
EQUIVALENT LATERAL FORCE		
BASIC STRUCTURAL SYSTEM-		
STEEL FRAME		
SEISMIC FORCE-RESISTING SYSTEM-		
STEEL -NOT SPECIFICALLY DETAILED		
RESPONSE MODIFICATION COEFF. (R)	3	
SEISMIC RESPONSE COEFF. (Cs)	0.099	
SEISMIC BASE SHEAR (V)	- kips	

NOTE: EVALUATION OF EXISTING PEMB STRUCTURE SHALL INCLUDE DESIGN LOADS LISTED ABOVE RELATIVE TO THE REQUIRED REINFORCEMENT OF EXISTING BUILDING COLUMNS ALONG COLUMN LINE 1.

## GENERAL NOTES:

- PROJECT HAS BEEN DESIGNED AND DRAWINGS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE (IBC) 2018 AND BUILDING CODE OF NEW YORK STATE (BCNYS) 2020.
- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS. DRAWINGS AND SPECIFICATIONS SHALL BE COORDINATED WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DESIGN DOCUMENTS.
- CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS, GENERAL ARRANGEMENT DRAWINGS AND/OR OTHER DISCIPLINE DRAWINGS AND THE STRUCTURAL DRAWINGS. DIMENSIONS RELATED TO OR REFERENCED FROM EXISTING CONSTRUCTION SHALL BE VERIFIED IN FIELD BY CONTRACTOR. DO NOT SCALE DRAWINGS.
- DIMENSIONS TO, OF, AND IN EXISTING STRUCTURE SHALL BE VERIFIED IN FIELD BY CONTRACTOR.
- DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.
- NOTES AND DRAWING DETAILS ARE INTENDED TO BE TYPICAL UNLESS OTHERWISE NOTED. SIMILAR REQUIREMENTS AND DETAILS SHALL APPLY TO SIMILAR CONDITIONS.
- CONTRACTOR SHALL SUBMIT TO ENGINEER IN WRITING ANY PROPOSED CHANGES TO OR DEVIATIONS FROM SIZE, SPACING, DIMENSIONS, MATERIALS OR EQUIPMENT SHOWN ON DRAWINGS. ONLY THOSE CHANGES OR DEVIATIONS ACCEPTED BY ENGINEER WILL BE PERMITTED.
- THESE DRAWINGS DO NOT INCLUDE REQUIREMENTS RELATED TO STAGING, TEMPORARY SHORING, OR CONSTRUCTION PRACTICES. CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION SAFETY AND THE MEANS AND METHODS USED FOR WORK RELATED TO THIS PROJECT.
- BRACE BUILDING AND EXCAVATION UNTIL STRUCTURAL ELEMENTS REQUIRED FOR STABILITY ARE INSTALLED. REQUIRED ELEMENTS INCLUDE BUT ARE NOT LIMITED TO: STEEL COLUMN REPLACEMENT OR REINFORCEMENT, ROOF DECK, CROSS-BRACES, MOMENT CONNECTIONS, KNEE BRACES, HAIRPINS, CONCRETE RETAINING WALL, PIT SLAB, BACKFILL, CONCRETE SLAB, AND DOWELS TO EXISTING SLAB.
- SITE VISITS MADE BY THE ENGINEER ARE FOR REVIEW OF GENERAL CONFORMANCE WITH THE DESIGN DOCUMENTS AND NOT INTENDED TO BE A REVIEW OF CONTRACTOR RESPONSIBILITIES OR THE CODE REQUIRED INSPECTIONS.
- THE OWNER SHALL ENGAGE THE SERVICES OF AN INSPECTION AGENCY TO PROVIDE THE CONTRACT AND CODE REQUIRED INSPECTIONS.
- FOR EQUIPMENT GENERAL ARRANGEMENT AND DETAILS, REFER TO PROPOSED GENERAL ARRANGEMENT.
- ALL EQUIPMENT SHALL BE VERIFIED BY THE CONTRACTOR WITH APPROVED VENDOR DRAWINGS PRIOR TO INSTALLATION.
- ALL EQUIPMENT SHALL BE BOLTED TO SUPPORTING STRUCTURE UNLESS OTHERWISE NOTED. PROVIDE BOLT HOLES TO MATCH LOCATION AND DIAMETER OF THOSE IDENTIFIED ON VENDOR DRAWINGS.
- ALL ELEVATIONS AND DIMENSIONS ARE TAKEN FROM THE (FINISHED FLOOR) ELEVATION OF 100'-0" UNLESS NOTED OTHERWISE.

## FOUNDATION NOTES:

- SUBGRADE PREPARATION AND EXCAVATION WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE "REPORT OF SUBSURFACE EXPLORATION & GEOTECHNICAL ENGINEERING ASSESSMENT, ROCKLAND GREEN MATERIAL RECOVERY FACILITY, HILLBURN, ROCKLAND COUNTY, NEW YORK," PREPARED BY FRENCH & PARRELLO ASSOCIATES, FPA NO. 17004.001R1, DATED FEBRUARY 3, 2021."
- GEOTECHNICAL ENGINEERING REPORT SHALL BE REVIEWED FOR GENERAL CONSIDERATION OF MATERIALS THAT MAY BE ENCOUNTERED INCLUDING UNSUITABLE MATERIAL THAT MAY BE REQUIRED TO BE REMOVED AND LOCATION OF GROUNDWATER.
- FOOTING HAVE BEEN DESIGNED FOR A NET ALLOWABLE SOIL BEARING CAPACITY OF 4,000 PSF IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEERING REPORT. BEARING STRATA SHALL BE VERIFIED BY GEOTECHNICAL ENGINEER BEFORE INSTALLATION OF FOOTINGS.
- FOUNDATIONS SHALL BE PROTECTED FROM FROST BY EXTENDING BELOW THE FROST LINE OF THE LOCALITY UNLESS OTHERWISE INDICATED. MINIMUM DEPTH OF FOUNDATIONS BELOW ADJACENT GRADE SHALL BE 42 INCHES FOR THE PROJECT LOCATION.
- LOCATE ALL UTILITIES PRIOR TO EXCAVATION. VERIFY NO UTILITIES OR UNDERGROUND STRUCTURES ARE PRESENT IN AREA OF EXCAVATION. PROTECT ANY ITEMS ENCOUNTERED AND NOTIFY ENGINEER OF INTERFERENCE.
- BOTTOM OF ALL EXCAVATIONS MUST BE INSPECTED AND APPROVED BY A REGISTERED SOILS ENGINEER BEFORE PLACING ANY CONCRETE.
- IF BEARING STRATA IS NOT ACCEPTABLE AT INDICATED BEARING ELEVATION, SUBGRADE SHALL BE FOOTINGS SHALL BE LOWERED OR STEPPED DOWN TO REACH AN ACCEPTABLE BEARING STRATA OR STABILIZED WITH THE INSTALLATION OF GEOTEXTILE AND CONTROLLED COMPACTED FILL AS REQUIRED BY THE GEOTECHNICAL ENGINEER.
- WHERE FOOTINGS ARE REQUIRED TO BE LOWERED DUE TO POOR BEARING STRATA, LOWER ADJACENT FOOTINGS TO PROVIDE A RATIO OF CLEAR DISTANCE BETWEEN FOOTINGS TO DIFFERENCE IN ELEVATION OF FOOTING BOTTOMS NOT TO EXCEED 2 TO 1.
- BOTTOM OF ALL FOOTINGS MUST BE INSPECTED AND APPROVED BY A REGISTERED SOILS ENGINEER BEFORE PLACING ANY CONCRETE.
- BOTTOM OF FOOTINGS SHALL BEAR ON UNDISTURBED VIRGIN SOIL, OR CONTROLLED COMPACTED FILL.
- DO NOT PLACE FOOTINGS IN WATER OR ON FROZEN GROUND. SUBGRADE PREVIOUSLY APPROVED THAT HAVE BECOME SATURATED, FROZEN OR OTHERWISE DISTURBED SHALL BE REWORKED TO THE SATISFACTION OF THE SOILS ENGINEER.
- DE-WATERING DUE TO GROUNDWATER IS NOT ANTICIPATED FOR EXCAVATION AND INSTALLATION OF PITS OR FOUNDATIONS. HOWEVER, PERCHED WATER LEVEL CONSIDERATION PER GEOTECHNICAL INVESTIGATION MAY IMPACT THE WORK REQUIRED FOR THE PROJECT. CONTRACTOR SHALL PROVIDE INITIAL TEST PIT IN AREA OF EXCAVATION FOR REVIEW PRIOR TO START OF OTHER ACTIVITIES TO EVALUATE WATER LEVEL AT TIME OF CONSTRUCTION. DE-WATERING FOR PERCHED WATER CONDITIONS SHALL BE AS RECOMMENDED IN GEOTECHNICAL REPORT.
- EXISTING SOIL SUBGRADE SHALL BE EXCAVATED AS REQUIRED BELOW EXISTING TOP OF SLAB TO ACCOMMODATE NEW SUBGRADE MATERIAL AND SLAB THICKNESS. REMOVED SOIL SHALL BE STOCKPILED ON ADJACENT SLAB OR ON EXTERIOR PAVEMENT.
- INTERIOR STOCKPILED MATERIAL SHALL NOT EXCEED 6' HEIGHT AND BE LOCATED NO CLOSER THAN 4' FROM EXCAVATION. EXTERIOR STOCKPILED MATERIAL SHALL BE PROTECTED FROM ELEMENTS TO PREVENT SATURATION OR CHANGES IN MOISTURE CONTENT.
- DEPTH TO VIRGIN SOIL SHALL BE VERIFIED BY GEOTECHNICAL ENGINEER BEFORE COMPACTION AND INSTALLATION OF BACKFILL.
- IF VIRGIN SOIL IS NOT OBSERVED AT INDICATED ELEVATION, ADDITIONAL EXCAVATION SHALL BE MADE TO REACH AN ACCEPTABLE BEARING STRATA AS REQUIRED BY THE GEOTECHNICAL ENGINEER.
- REUSED EXISTING FILL MATERIAL SHALL BE PERMITTED ONLY AS INDICATED IN GEOTECHNICAL ENGINEERING REPORT. PLACE MATERIAL IN 12" LIFTS AND COMPACT TO RECOMMENDED 95% COMPACTION. ADDITIONAL MATERIAL IF REQUIRED, SHALL BE IMPORTED STRUCTURAL FILL, CRUSHED STONE OR OVER-POUR CONCRETE SLAB TO MAKE UP DIFFERENCE IN ELEVATION.
- SUBGRADE COMPACTION MUST BE INSPECTED AND APPROVED BY A REGISTERED SOILS ENGINEER BEFORE PLACING ANY CONCRETE.
- CONCRETE SLAB SHALL BEAR ON CONTROLLED COMPACTED FILL OR CRUSHED STONE AS IDENTIFIED IN THE GEOTECHNICAL REPORT.
- DO NOT PLACE BACKFILL IN WATER OR ON FROZEN GROUND. SUBGRADE PREVIOUSLY APPROVED THAT HAVE BECOME SATURATED, FROZEN OR OTHERWISE DISTURBED SHALL BE REWORKED TO THE SATISFACTION OF THE SOILS ENGINEER.
- COMPACTION OF BOTH EXISTING SUBGRADE AND ANY REPLACED MATERIAL SHALL BE COMPACTED TO A MINIMUM OF 95% MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D-1557 WITH VIBRATORY ROLLER COMPACTOR.
- PROVIDE TESTING OF EXPOSED SUBGRADE PRIOR TO AND FOLLOWING COMPACTION. WEAK OR UNACCEPTABLE SUBGRADE MATERIAL SHALL BE REMOVED AND REPLACED WITH COMPETENT STRUCTURAL FILL. SOIL REQUIRING REPLACEMENT SHALL BE REMOVED TO A DEPTH NOT LESS THAN 2'-0". FILL SHALL BE PLACED IN LIFTS NOT TO EXCEED 12" CONCRETE AND UNACCEPTABLE SUBGRADE SHALL BE REMOVED FROM SITE AND DISPOSED OF PROPERLY.
- GEOTEXTILE SHALL BE MIRAFI 600X OR ACCEPTABLE EQUIVALENT.

## SOIL BORING NOTES:

- EXCAVATION WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE "REPORT OF SUBSURFACE EXPLORATION & GEOTECHNICAL ENGINEERING ASSESSMENT, ROCKLAND GREEN MATERIAL RECOVERY FACILITY, HILLBURN, ROCKLAND COUNTY, NEW YORK," PREPARED BY FRENCH & PARRELLO ASSOCIATES, FPA NO. 17004.001R1, DATED FEBRUARY 3, 2021."
- SOIL BORINGS ARE PROVIDED FOR INFORMATION ONLY.
- CONTRACTOR SHALL NOT RELY EXCLUSIVELY ON SOIL BORINGS, REPORT, OR FOUNDATION DETAILS WITH RESPECT TO COMPLETENESS FOR CONTRACTOR'S MEANS, METHODS, TECHNIQUES, PROCEDURES OR SEQUENCE OF CONSTRUCTION. CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION SAFETY AND THE MEANS AND METHODS USED FOR WORK RELATED TO THIS PROJECT.

## CONCRETE:

- ALL CONCRETE SHALL BE HIGH-EARLY STRENGTH HAVING A MINIMUM COMPRESSIVE STRENGTH (F'c) NOTED BELOW, AND HAVE A MINIMUM OF 500 LBS. OF CEMENT PER CUBIC YARD. SLUMP (AT POINT OF CONCRETE PLACEMENT) SHALL BE 3-INCH MINIMUM AND 5-INCH MAXIMUM. CONCRETE SHALL HAVE 6 PERCENT AIR ENTRAINMENT AND 0.45 MAXIMUM WATER CEMENT RATIO.
- ALL CONCRETE SHALL BE HAVE A MINIMUM COMPRESSIVE STRENGTH (F'c) AT AS FOLLOWS:
  - FOOTING: FOUNDATION WALLS, PIT SLAB AND WALLS 4,000 PSI
  - PUSH WALLS 5,000 PSI
  - COLUMN SURROUND 6,000 PSI
  - TIPPING FLOOR SLAB ON GRADE 6,000 PSI
  - PROCESS AREA FLOOR SLAB ON GRADE 5,000 PSI
- HIGH-EARLY STRENGTH CONCRETE SHALL REACH 70% OF SPECIFIED MINIMUM COMPRESSIVE STRENGTH F'c WITHIN 24 HOURS. HIGH-EARLY STRENGTH CONCRETE SHALL BE TESTED AT 24 HOURS, 3, 7, 14 AND 28 DAYS.
- CONCRETE EXPOSED TO WEATHER SHALL HAVE 6 PERCENT AIR ENTRAINMENT, 0.45 MAXIMUM WATER CEMENT RATIO, AND A MINIMUM COMPRESSIVE STRENGTH OF 4,500 PSI AT 28 DAYS.
- ALL CONCRETE WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE ACI BUILDING CODE (ACI 318), THE ACI DETAILING MANUAL (ACI 315), AND THE SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS (ACI 301)
- ALL REINFORCING STEEL SHALL BE MANUFACTURED FROM HIGH STRENGTH BILLET STEEL CONFORMING TO ASTM DESIGNATION A615 GRADE 60. WWF SHALL COMPLY WITH ASTM A185.
- SHOP DRAWING SUBMISSION SHALL INCLUDE MIX DESIGNS AND STEEL REINFORCEMENT. SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO ANY FABRICATION.
- LAP ALL BARS MINIMUM 48 BAR DIAMETERS. LAP ALL WWF A MINIMUM OF 6 INCHES.
- PLACE TRANSVERSE REINFORCING SHORT WAY BOTTOM (SWB) IN BOTTOM LAYER OF CONTINUOUS FOOTINGS. PROVIDE CORNER BARS IN FOOTINGS TO MATCH CONTINUOUS REINFORCEMENT.
- PROVIDE CONTROL JOINTS TO CREATE RECTANGULAR SLAB REPLACEMENT SECTIONS. PROVIDE #4x2'-0" CORNER BARS AT ALL RE-ENTRANT COR
- COLD-WEATHER PLACEMENT: COMPLY WITH ACI 306.1 AND AS FOLLOWS. PROTECT CONCRETE WORK FROM PHYSICAL DAMAGE OR REDUCED STRENGTH THAT COULD BE CAUSED BY FROST, FREEZING ACTIONS, OR LOW TEMPERATURES.
  - WHEN AVERAGE HIGH AND LOW TEMPERATURE IS EXPECTED TO FALL BELOW 40 DEG F FOR THREE SUCCESSIVE DAYS, MAINTAIN DELIVERED CONCRETE MIXTURE TEMPERATURE WITHIN THE TEMPERATURE RANGE REQUIRED BY ACI 301.
  - DO NOT USE FROZEN MATERIALS OR MATERIALS CONTAINING ICE OR SNOW. DO NOT PLACE CONCRETE ON FROZEN SUBGRADE OR ON SUBGRADE CONTAINING FROZEN MATERIALS.
  - DO NOT USE CALCIUM CHLORIDE, SALT OR OTHER MATERIALS CONTAINING ANTIFREEZE AGENTS OR CHEMICAL ACCELERATORS UNLESS OTHERWISE SPECIFIED AND APPROVED IN MIXTURE DESIGNS.
- HOT-WEATHER PLACEMENT: COMPLY WITH ACI 301 AND AS FOLLOWS:
  - MAINTAIN CONCRETE TEMPERATURE BELOW 90 DEGREES F AT TIME OF PLACEMENT. CHILLED MIXING WATER OR CHOPPED ICE MAY BE USED TO CONTROL TEMPERATURE. PROVIDED WATER EQUIVALENT OF ICE IS CALCULATED TO TOTAL AMOUNT OF MIXING WATER. USING LIQUID NITROGEN TO COOL CONCRETE IS CONTRACTORS OPTION.
  - FOG-SPRAY FORMS, STEEL REINFORCEMENT, AND SUBGRADE JUST BEFORE PLACING CONCRETE. KEEP SUBGRADE UNIFORMLY MOIST WITHOUT STANDING WATER, SOFT SPOTS, OR DRY AREAS.
- CONCRETE FOUNDATION SHALL BE PLACED FLAT AND LEVEL FOR BEARING OF EQUIPMENT AND PLATFORM BASE PLATES
- PROVIDE WATERSTOPS IN BELOW-GRADE WALL JOINTS, WALL-TO-FOOTING JOINTS, AND SLAB-TO-WALL JOINTS.
- PROVIDE KEYS IN CONCRETE WALLS, PIERS, GRADE BEAMS, AND FOOTINGS AT INTERSECTION OF MASONRY OR CONCRETE UNLESS NOTED OTHERWISE.
- CORNERS OF EXPOSED CONCRETE SHOULD HAVE ¾" CHAMFERS UNLESS SHOWN OTHERWISE.

## SLAB ON GRADE NOTES:

- PROVIDE "TRAP" ROCK COURSE AGGREGATE FOR USE IN TIPPING FLOOR SLAB CONCRETE. IN THE ABSENCE OF THE AVAILABILITY OF TRAP ROCK, COURSE AGGREGATE SHALL BE HARD, DURABLE ROCK WITH AN LA ABRASION TEST LOSS PERCENTAGE LESS THAN OR EQUAL TO 20%.
- SUBGRADE PREPARATION AND EXCAVATION WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE "REPORT OF SUBSURFACE EXPLORATION & GEOTECHNICAL ENGINEERING ASSESSMENT, ROCKLAND GREEN MATERIAL RECOVERY FACILITY, HILLBURN, ROCKLAND COUNTY, NEW YORK," PREPARED BY FRENCH & PARRELLO ASSOCIATES, FPA NO. 17004.001R1, DATED FEBRUARY 3, 2021."
- CONTRACTOR SHALL PROVIDE GUARANTEE FOR THE PERFORMANCE OF SLAB AND THAT SUBGRADE AND SLAB CONSTRUCTION HAS BEEN INSTALLED IN ACCORDANCE WITH REQUIREMENTS OF ABOVE REPORT AND AS INDICATED ON THESE DRAWINGS.
- SUBGRADE BELOW SLAB ON GRADE SHALL BE REVIEWED AND ACCEPTED BY GEOTECHNICAL ENGINEER BEFORE CONCRETE SLAB PLACEMENT.
- PROVIDE PROTECTION FROM PRECIPITATION AND EXCESSIVE COLD TEMPERATURES FOR THE VAPOR RETARDER AND SLAB SUBBASE PRIOR TO SLAB-ON-GRADE PLACEMENT. SUBBASE MUST BE DRY AND NOT FROZEN AT THE TIME OF SLAB PLACEMENT.
- DO NOT PLACE SLABS ON FROZEN GROUND. IF SUBGRADE OR SUBBASE ARE FROZEN AFTER PREPARATION, THEY SHALL BE THAWED THEN RECOMPACTED AND RETESTED FOR AFTER PREPARATION, THEY SHALL BE THAWED THEN RECOMPACTED AND RETESTED FOR COMPACTION PRIOR TO SLAB PLACEMENT, AT THE EXPENSE OF THE CONTRACTOR.
- PROVIDE PROTECTION FOR THE SLAB ON GRADE FROM DIRECT EXPOSURE TO THE SUN, WIND, PRECIPITATION, AND EXCESSIVE COLD OR HOT TEMPERATURES STARTING DURING PLACEMENT AND LASTING UNTIL THE END OF THE CURING PERIOD. DO NOT ALLOW GROUND BENEATH SLABS TO FREEZE.
- PRIOR TO SLAB PLACEMENT, SUBMIT FOR INFORMATION ONLY A WRITTEN PROTECTION PROGRAM FOR THE VAPOR RETARDER, SLAB SUBBASE, AND SLAB ON GRADE.
- SLAB JOINTS ARE REQUIRED WHERE SHOWN ON PLAN. WHERE JOINTS ARE NOT SHOWN, CONTRACTOR SHALL UTILIZE ONE OF TWO OPTIONS FOR SLAB PLACEMENT. OPTION 1 IS TO PLACE SLAB WITH CONSTRUCTION JOINTS ONLY. OPTION 2 IS TO PLACE SLAB WITH CONSTRUCTION AND CONTROL JOINTS AS RECOMMENDED BY ACI 302, "GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION". CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR CRACKING WHETHER THEY OCCUR AT RANDOM LOCATIONS OR AT CONTROL JOINTS. REPAIR SHALL BE MADE WITH EPOXY SEALANT APPROPRIATE FOR HIGH TRAFFIC AND WEAR. CRACK SEALANT SHALL BE REVIEWED AND APPROVED PRIOR TO USE.
- PROVIDE A SQUARE EDGE FORM JOINT FOR CONSTRUCTION JOINTS AND A SAW-CUT JOINT FOR CONTRACTOR JOINTS IN SLABS ON GRADE. SUBMIT JOINT LAYOUT TO THE ENGINEER FOR REVIEW.
- CONTINUE 50 PERCENT OF SLAB REINFORCEMENT THROUGH CONSTRUCTION AND CONTRACTION JOINTS.
- PROVIDE ONE #4 BAR, 4 FEET LONG, DIAGONAL AT CORNERS AND OPENINGS IN SLABS ON GRADE.
- PROVIDE TROWEL FINISH FOR SLABS AND HORIZONTAL SURFACES AND FORM FINISH FOR VERTICAL SURFACES.

## STRUCTURAL STEEL NOTES:

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE INTERNATIONAL BUILDING CODE OR APPLICABLE LOCAL CODE, WHICHEVER IS MORE STRINGENT.
- ALL STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED, AND ERECTED IN ACCORDANCE WITH THE LATEST AISC SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS. SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS, AND CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES.
- WIDE FLANGE (W) SHAPES SHALL CONFORM TO THE REQUIREMENTS OF ASTM A992. RECTANGULAR/SQUARE HOLLOW STRUCTURAL SECTIONS (HSS) SHALL CONFORM TO THE REQUIREMENTS OF ASTM A500, GRADE B (Fy=46 KSI). PIPE/ROUND HSS SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A501 OR ASTM A53, TYPE E OR S, GRADE B (Fy=35 KSI). ALL OTHER STRUCTURAL STEEL SHALL CONFORM TO ASTM A36.
- ALL CONSTRUCTION IS NEW CONSTRUCTION EXCEPT WHERE REFERENCED CONSTRUCTION IS INDICATED ON THE DRAWINGS.
- THE STEEL FABRICATOR SHALL SUBMIT, FOR RRT APPROVAL, SHOP FABRICATION DRAWINGS OF ALL FABRICATED ITEMS PRIOR TO CONSTRUCTION.
- ALL STRUCTURAL STEEL SHALL BE NEW STEEL, CLEAN AND STRAIGHT AND SHALL BE PRIMED AND FINISHED PAINTED.
- ALL STEEL SHALL BE THOROUGHLY CLEANED IN ACCORDANCE WITH SSPC-SP13 AND HAVE A SHOP COAT OF RUST INHIBITIVE PAINT UNLESS OTHERWISE NOTED. STEEL TO REMAIN EXPOSED TO WEATHER SHALL BE PREPARED AND FINISHED PER REQUIREMENTS IDENTIFIED IN DRAWING SECTIONS AND DETAILS. PAINT SHALL BE COLOR AS SELECTED BY OWNER FROM STANDARD PALATE. FIELD WELDING SHALL BE TOUCHED UP AFTER ERECTION WITH PAINT TO MATCH.
- ALL COLUMNS & POSTS SHALL BE SUPPLIED WITH 3/4" CAP AND BASE PLATES WITH MINIMUM (4) 3/4" POST-INSTALLED ANCHOR BOLTS UNLESS OTHERWISE NOTED. ALL COLUMNS BEARING ON CONCRETE SLAB OR FOUNDATIONS SHALL BE SUPPLIED WITH 1/4" LEVELING PLATE WITH OVERSIZE HOLES (i.e. 7/8" HOLE FOR 3/4" BOLT). LEVELING PLATE SHALL BEAR ON ¾" MINIMUM GROUT.
- ALL EXPANSION ANCHOR BOLTS SHALL BE ¾" DIAMETER "HILTI" KWIK BOLT TYPE II OR RED-HEAD TRUBOLT WEDGE ANCHOR, WITH MINIMUM 5" EMBEDMENT, UNLESS NOTED OTHERWISE.
- GROUT FOR STRUCTURAL BEARING & LEVELING PLATES SHALL BE PRE-PROPORTIONED, SELF-LEVELING, NON-SHINK, NON METALLIC GROUT, SUCH AS SIKADUR GROUT PAK AS MANUFACTURED BY Sika Chemical Corp. LINDHURST, NEW JERSEY. EPOXY GROUT SHALL BE REQUIRED FOR GAPS OF MORE THAN 2".
- ALL BOLTS FOR STEEL FRAMING SHALL BE 3/4" HIGH STRENGTH BOLTS WITH 13/16" HOLES (UNLESS OTHERWISE NOTED) AND SHALL CONFORM TO ASTM A-325.
- ALL CONNECTIONS FOR STEEL FRAMING SHALL CONFORM TO PART 4 OF THE AISC MANUAL OF STEEL CONSTRUCTION, 13th EDITION, AND SHALL BE CAPABLE OF SUPPORTING ONE-HALF THE TOTAL UNIFORM LOAD CAPACITY SHOWN IN THE TABLE OF UNIFORM LOAD CONSTRAINTS: PART 2, AISC MANUAL.
- ALL BOLTED CONNECTIONS SHALL BE STANDARD DOUBLE ANGLE TYPE WITH MINIMUM (2) ROWS OF 3/4" BOLTS, UNLESS OTHERWISE NOTED. ONE-SIDED CONNECTIONS WILL NOT BE PERMITTED WHERE TWO SIDED CONNECTIONS ARE POSSIBLE.
- ALL HORIZONTAL AND VERTICAL BRACING SHALL HAVE A MINIMUM OF A 2 BOLT CONNECTION AT EACH END OR AS INDICATED ON DRAWINGS.
- ALL HORIZONTAL AND VERTICAL BRACING SHALL HAVE 2 BOLT CONNECTIONS AT EACH END OR AS INDICATED ON DRAWINGS.
- ALL SHOP CONNECTIONS SHALL BE WELDED OR HIGH STRENGTH BOLTED. ALL FIELD CONNECTIONS SHALL BE HIGH STRENGTH BOLTED UNLESS NOTED.
- ALL WELDING SHALL BE ACCOMPLISHED BY QUALIFIED WELDER WITH CURRENT AWS WELDING CERTIFICATE. WHEN REQUESTED BY RRT, COPIES OF THESE CERTIFICATES SHALL BE PRESENTED. ALL WELDING SHALL CONFORM TO THE CURRENT ISSUE OF AWS SPECIFICATIONS D1-1. WELDING RODS SHALL BE E70XX AND CONFORM TO ASTM A-233. WHERE FILLET WELD SIZES ARE NOT SPECIFICALLY NOTED, THE FABRICATOR SHALL DETAIL THE MINIMUM SIZE WELD PER AWS STANDARD. THE ACTUAL SIZES SHALL BE SHOWN ON THE SHOP DRAWINGS.
- DO NOT BEGIN STEEL ERECTION UNTIL SUPPORTING MASONRY OR CONCRETE STRUCTURES OBTAIN 75 PERCENT OF THE REQUIRED MATERIAL STRENGTH INDICATED.
- WHERE BEAM SPACING IS NOT NOTED, SPACE BEAMS EQUALLY BETWEEN GRIDERS, DIMENSIONALLY LOCATED MEMBERS, COLUMNS OR BETWEEN COLUMNS AND WALLS.
- CONNECTION DESIGN BY THE FABRICATOR WILL BE SUBJECT TO REVIEW BY THE ENGINEER.
- NO OPENING SHALL BE CUT IN STRUCTURAL MEMBERS UNLESS SHOWN ON THE DRAWINGS OR AUTHORIZED BY THE ENGINEER.
- ALL EXPANSION ANCHOR BOLTS SHALL BE "HILTI" KWIK BOLT TYPE II 3/4" DIAMETER, ADHESIVE ANCHORS SHALL BE HILTI HIT HY200 ADHESIVE ANCHORING SYSTEM WITH MINIMUM 6" EMBEDMENT, UNLESS NOTED OTHERWISE.

NOT FOR CONSTRUCTION



Sterling Environmental Engineering, P.C.




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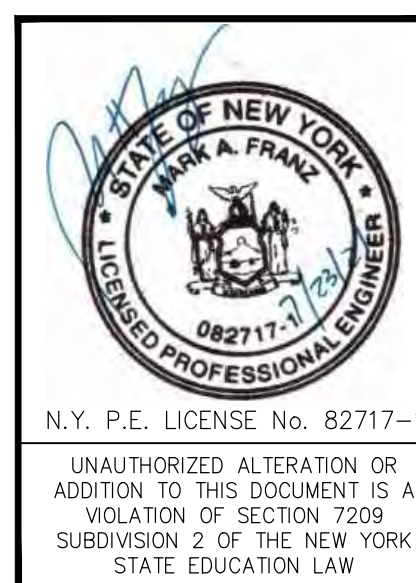
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**ROCKLAND GREEN**  
 MATERIALS RECOVERY FACILITY,  
 FACILITY IMPROVEMENTS  
 420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**GENERAL NOTES & SCHEDULES**

REV	DESCRIPTION	DATE	BY	DATE	PROJ. No:	SCALE:	AS NOTED		
B	REVISED FOR RFP ADDENDUM 6	7/23/21 MF/NE	MF	5/6/21	499-010				
A	ISSUED FOR RFP	7/6/21 MF/NE	MF	5/6/21	DWG. No.	S-101	B		
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<b>RRT Engineering, LLC</b> 1 Huntington Quadrangle, 3501 Melville, N.Y. 11747 phone: 631-756-1000 fax: 631-756-1064				DRAWN: MF CHECKED: NE DESIGNED: MF APPROVED: MF				CAD FILE: 499-010 S-101.dwg SHEET SIZE: D-24x36	





**SPECIAL INSPECTION NOTES:**

- THE OWNER WILL ENGAGE (SEE CONTRACT REQUIREMENTS) THE SERVICES OF ONE OR MORE SPECIAL INSPECTORS TO PROVIDE AND/OR COORDINATE INSPECTIONS AND TESTING DURING CONSTRUCTION AS NECESSARY IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 17 OF THE IBC.
- THE STATEMENT OF SPECIAL INSPECTIONS HAS BEEN PREPARED BY THE ENGINEER IN ACCORDANCE WITH REQUIREMENTS OF SECTION 1705 OF THE IBC FOR SUBMITTAL BY THE APPLICANT AS PART OF PERMIT APPLICATION.
- REFER TO THE STATEMENT OF SPECIAL INSPECTIONS, GENERAL NOTES AND SPECIFICATIONS FOR ADDITIONAL INSPECTION AND TESTING REQUIREMENTS. SPECIAL INSPECTIONS AND TESTING SHALL BE PERFORMED ON A CONTINUOUS OR PERIODIC FREQUENCY AS NOTED IN THE SCHEDULE.
- DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF DISCREPANCIES ARE NOT CORRECTED, THEY SHALL BE BROUGHT TO THE ATTENTION OF THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE PRIOR TO COMPLETION OF THAT PHASE OF THE WORK.
- THE SPECIAL INSPECTOR SHALL SUBMIT INSPECTION REPORTS TO THE CONTRACTOR, ARCHITECT, OWNER AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. REPORTS SHALL DOCUMENT REQUIRED INSPECTIONS AND CORRECTIONS OF ANY DISCREPANCIES. REPORTS SHALL BE PROVIDED AT INTERVALS CONVEYING THE PROGRESS OF CONSTRUCTION.
- THE INSPECTION AND TESTING PROGRAM SHALL NOT RELIEVE CONTRACTOR RESPONSIBILITY TO PERFORM WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS OR FROM IMPLEMENTING AN EFFECTIVE QUALITY CONTROL PROGRAM.

**STRUCTURAL OBSERVATION NOTES:**

- THE ENGINEER (OR ENGINEERS REPRESENTATIVE) WILL MAKE PERIODIC SITE VISITS FOR REVIEW OF GENERAL CONFORMANCE WITH THE DESIGN DOCUMENTS. NUMBER OF VISITS SHALL BE DETERMINED BASED ON REQUIREMENTS OF CONTRACT DOCUMENTS. SITE VISITS SHALL CORRESPOND WITH APPROPRIATE PROGRESS OF CONSTRUCTION. THE FOLLOWING ACTIVITIES INCLUDE APPROPRIATE PROGRESS INTERVALS FOR SCHEDULING POTENTIAL SITE VISITS:
  - INITIAL PLACEMENT OF REINFORCING BARS FOR FOOTINGS, FOUNDATION WALLS, BASEMENT WALLS, RETAINING WALLS, AND PIERS AFTER EXCAVATION AND PRIOR TO CLOSING FORMWORK.
  - EACH PLACEMENT OF REINFORCING BARS FOR STRUCTURAL CONCRETE (SLABS, BEAMS, JOISTS).
  - INITIAL ERECTION OF STRUCTURAL STEEL AND METAL DECK (PRIOR TO PLACEMENT OF CONCRETE FOR ELEVATED SLABS).
  - SLAB PRE-CONSTRUCTION MEETING.
  - INITIAL PLACEMENT OF REINFORCING BARS AND PREPARATIONS FOR CONCRETE SLAB ON DECK.
  - INITIAL PLACEMENT OF REINFORCING BARS AND PREPARATIONS FOR CONCRETE SLAB ON GRADE.
  - COMPLETION OF STRUCTURAL SYSTEM.
  - OTHER TIMES AS REQUIRED DUE TO SPECIALTY CONSTRUCTION OR FIELD CONDITIONS.
- THE ABOVE LISTED ACTIVITIES DO NOT CONSTITUTE MANDATORY SITE VISITS. THE ENGINEER MAY VISIT THE SITE AT TIMES OR INTERVALS OTHER THAN THOSE LISTED ABOVE.
- THE CONTRACTOR SHALL NOTIFY ENGINEER AT LEAST 48 HOURS PRIOR TO THE ABOVE LISTED ACTIVITIES SO ENGINEER CAN SCHEDULE SITE VISITS.
- DISCREPANCIES OBSERVED DURING SITE VISIT SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR FOR CORRECTION AND SHALL BE DOCUMENTED IN A FIELD OBSERVATION REPORT PREPARED BY THE ENGINEER.

**STATEMENT OF SPECIAL INSPECTIONS:**

- THIS STATEMENT OF SPECIAL INSPECTIONS IS PROVIDED AS PART OF THE SUBMITTAL DOCUMENTS AS REQUIRED BY SECTION 107 OF THE IBC. THE APPLICANT IS REQUIRED TO SUBMIT THE STATEMENT OF SPECIAL INSPECTIONS PREPARED BY THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE AS A CONDITION FOR PERMIT ISSUANCE.
  - THE FOLLOWING TABLES IDENTIFY THE MATERIAL, SYSTEMS, COMPONENTS AND WORK REQUIRED TO HAVE SPECIAL INSPECTIONS FOR THIS PROJECT AND ARE A SUMMARY OF DETAILED TESTING REQUIREMENTS. REFER TO GENERAL NOTES AND SPECIFICATIONS FOR ADDITIONAL INSPECTION AND TESTING REQUIREMENTS.
  - THE OWNER OR THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE ACTING AS THE OWNERS AGENT SHALL EMPLOY ONE OR MORE APPROVED AGENCIES TO PERFORM INSPECTIONS DURING CONSTRUCTION ON THE TYPES OF WORK LISTED IN TABLES.
  - THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE FOR THE INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION. THE SPECIAL INSPECTOR SHALL PROVIDE WRITTEN DOCUMENTATION DEMONSTRATING HIS OR HER COMPETENCE AND RELEVANT EXPERIENCE OR TRAINING. EXPERIENCE OR TRAINING SHALL BE CONSIDERED RELEVANT WHEN THE DOCUMENTED EXPERIENCE OR TRAINING IS RELATED IN COMPLEXITY TO THE SAME TYPE OF SPECIAL INSPECTION ACTIVITIES FOR PROJECTS OF SIMILAR COMPLEXITY AND MATERIAL QUALITIES.
  - SPECIAL INSPECTORS SHALL KEEP RECORDS OF INSPECTIONS. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL AS REQUIRED, AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. REPORTS SHALL INDICATE THAT WORK INSPECTED WAS OR WAS NOT COMPLETED IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THEY ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE PRIOR TO THE COMPLETION OF THAT PHASE OF THE WORK. A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF ANY DISCREPANCIES NOTED IN THE INSPECTIONS SHALL BE SUBMITTED AT A POINT IN TIME AGREED UPON PRIOR TO THE START OF WORK BY THE APPLICANT AND THE BUILDING OFFICIAL.
6. SCHEDULE OF REQUIRED SPECIAL INSPECTIONS:

REQUIRED IF CHECKED	CONSTRUCTION TYPE/ MATERIAL (IBC REFERENCE)
	INSPECTION OF FABRICATORS (1704.2)
X	STEEL CONSTRUCTION (1704.3)
X	CONCRETE CONSTRUCTION (1704.4)
	MASONRY CONSTRUCTION (1704.5)
	WOOD CONSTRUCTION (1704.6)
X	SOILS (1704.7)
	DRIVEN DEEP FOUNDATIONS (1704.8)
	CAST-IN-PLACE DEEP FOUNDATIONS (1704.9)
	HELICAL PILE FOUNDATIONS (1704.10)
	VERTICAL MASONRY FOUNDATION ELEMENTS (1704.11)
	SPRAYED FIRE-RESISTANT MATERIALS (1704.12)
	MASTIC AND INTUMESCENT FIRE-RESISTANT COATINGS (1704.13)
	EXTERIOR INSULATION AND FINISH SYSTEM (EIFS) (1704.14)
	SPECIAL CASES (1704.15)
	SMOKE CONTROL (1704.16)

7. INDIVIDUALS OR FIRMS PROVIDING SPECIAL INSPECTIONS

INSPECTION AGENT	RESPONSIBLE FIRM OR INDIVIDUAL	ADDRESS/PHONE
1. SPECIAL INSPECTOR		
2. GEOTECHNICAL ENGINEER/INSPECTOR		
3. TESTING/INSPECTION AGENCY		
4. TESTING/INSPECTION AGENCY		

**REQUIRED VERIFICATION AND INSPECTION OF STRUCTURAL STEEL CONSTRUCTION**

VERIFICATION/INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARDS	REFERENCE (IBC)
1. MATERIAL VERIFICATION OF HIGH STRENGTH BOLTS, NUTS, AND WASHERS:				
A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.		X	AISC 360, SECTION A3.3 AND APPLICABLE ASTM MATERIAL STANDARDS	
B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.		X		
2. INSPECTION OF HIGH-STRENGTH BOLTING:				
A. SNUG-TIGHT JOINTS		X	AISC 360, SECTION M2.5	
B. PRETENSIONED AND SLIP-CRITICAL JOINTS USING TURN-OFF-NUT WITH MATCHMARKING, TWIST-OFF BOLT OR DIRECT TENSION INDICATOR METHODS OF INSTALLATION.		X	AISC 360, SECTION M2.5	
C. PRETENSIONED AND SLIP-CRITICAL JOINTS USING TURN-OFF-NUT WITHOUT MATCHMARKING OR CALIBRATED WRENCH METHODS OF INSTALLATION.	X		AISC 360, SECTION M2.5	
3. MATERIAL VERIFICATION OF STRUCTURAL STEEL:				
A. FOR STRUCTURAL STEEL, IDENTIFICATION MARKINGS CONFORM TO AISC 360.		X	AISC 360, SECTION M5.5	
B. MANUFACTURER'S CERTIFIED TEST REPORTS REQUIRED.		X		
4. MATERIAL VERIFICATION OF WELD FILLER MATERIAL:				
A. IDENTIFICATION MARKINGS CONFORM TO AWS SPECIFICATION IN THE APPROVED CONSTRUCTION DOCUMENTS.			AISC 360, SECTION A3.5 AND APPLICABLE AWS A5 DOCUMENTS	
B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.		X		
5. INSPECTION OF WELDING:				
A. STRUCTURAL STEEL:				
1. COMPLETE AND PARTIAL PENETRATION GROOVE WELDS.	X		AWS D1.1	
2. MULTI-PASS FILLET WELDS.	X		AWS D1.1	
3. SINGLE-PASS FILLET WELDS > 3/16" (7.9mm).	X		AWS D1.1	
4. PLUG AND SLOT WELDS	X		AWS D1.1	
5. SINGLE-PASS FILLET WELDS <= 3/16" (7.9MM).		X	AWS D1.1	
6. INSPECTION OF STEEL FRAME JOINT DETAILS FOR COMPLIANCE WITH APPROVED CONSTRUCTION DOCUMENTS:				
A. DETAILS SUCH AS BRACING AND STIFFENING		X		
B. MEMBER LOCATIONS		X		
C. APPLICATION OF JOINT DETAILS AT EACH CONNECTION		X		

**REQUIRED VERIFICATION AND INSPECTION OF STEEL CONSTRUCTION OTHER THAN STRUCTURAL STEEL**

VERIFICATION/INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARDS	REFERENCE (IBC)
1. MATERIAL VERIFICATION OF COLD-FORMED STEEL DECK:				
A. IDENTIFICATION MARKINGS CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.		X	APPLICABLE ASTM MATERIAL STANDARDS	
B. MANUFACTURER'S CERTIFIED TEST REPORTS.		X		
2. INSPECTION OF WELDING:				
A. COLD-FORMED STEEL DECK:				
1. FLOOR AND DECK WELDS		X	AWS D1.3	
B. REINFORCING STEEL:				
1. VERIFICATION OF WELDABILITY OF REINFORCING STEEL OTHER THAN ASTM A706.		X	AWS D1.4 ACI 318: SECTION 3.5.2	
2. REINFORCING STEEL RESISTING FLEXURAL AND AXIAL FORCES IN INTERMEDIATE AND SPECIAL MOMENT FRAMES, AND BOUNDARY ELEMENTS OF SPECIAL STRUCTURAL WALLS OF CONCRETE AND SHEAR REINFORCEMENT.	X		AWS D1.4 ACI 318: SECTION 3.5.2	
3. SHEAR REINFORCEMENT.		X	AWS D1.4 ACI 318: SECTION 3.5.2	
4. OTHER REINFORCING STEEL.		X	AWS D1.4 ACI 318: SECTION 3.5.2	

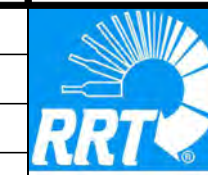
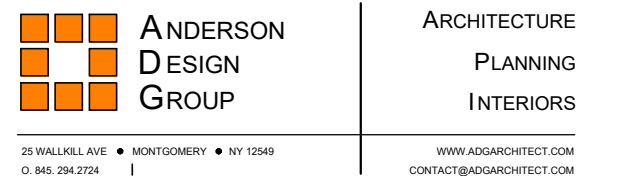
**REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION**

VERIFICATION/INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARDS	REFERENCE (IBC)
1. INSPECTION OF REINFORCING STEEL, INCLUDING PRESTRESSING TENDONS, AND PLACEMENT.		X	ACI 318: 3.5, 7.1-7.7	1910.4
2. INSPECTION OF REINFORCING STEEL WELDING IN ACCORDANCE WITH TABLE 1705.2, ITEM 2b.			AWS D1.4 ACI 318: 3.5.2	
3. INSPECTION OF ANCHORS CAST IN CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED OR WHERE STRENGTH DESIGN IS USED.		X	ACI 318: 8.1.3, 21.2.8	1908.5, 1909.1
4. INSPECTION OF ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS		X	ACI 318: 3.8.6, 8.1.3, 21.2.8	1909.1
5. VERIFYING USE OF REQUIRED DESIGN MIX.		X	ACI 318: CH. 4, 5.2-5.4	1904.2, 1910.2, 1910.3
6. AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE TEMPERATURE OF CONCRETE.	X		ASTM C 172, ASTM C31, ACI 318: 5.6, 5.8	1910.10
7. INSPECTION OF CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X		ACI 318: 5.9, 5.10	1910.6, 1910.7, 1910.8
8. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.		X	ACI 318: 5.11-5.13	1910.9
9. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.		X	ACI 318: 6.1.1	

**REQUIRED VERIFICATION AND INSPECTION OF SOILS**

VERIFICATION/INSPECTION	CONTINUOUS DURING TASK LISTED	PERIODIC DURING TASK LISTED	REFERENCED STANDARDS	REFERENCE (IBC)
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.		X		
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.		X		
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.		X		
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X			
5. PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT THE SITE HAS BEEN PREPARED PROPERLY.		X		

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NY COA # 0017967



**ROCKLAND GREEN**  
MATERIALS RECOVERY FACILITY,  
FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**SPECIAL INSPECTION  
NOTES & SCHEDULES**



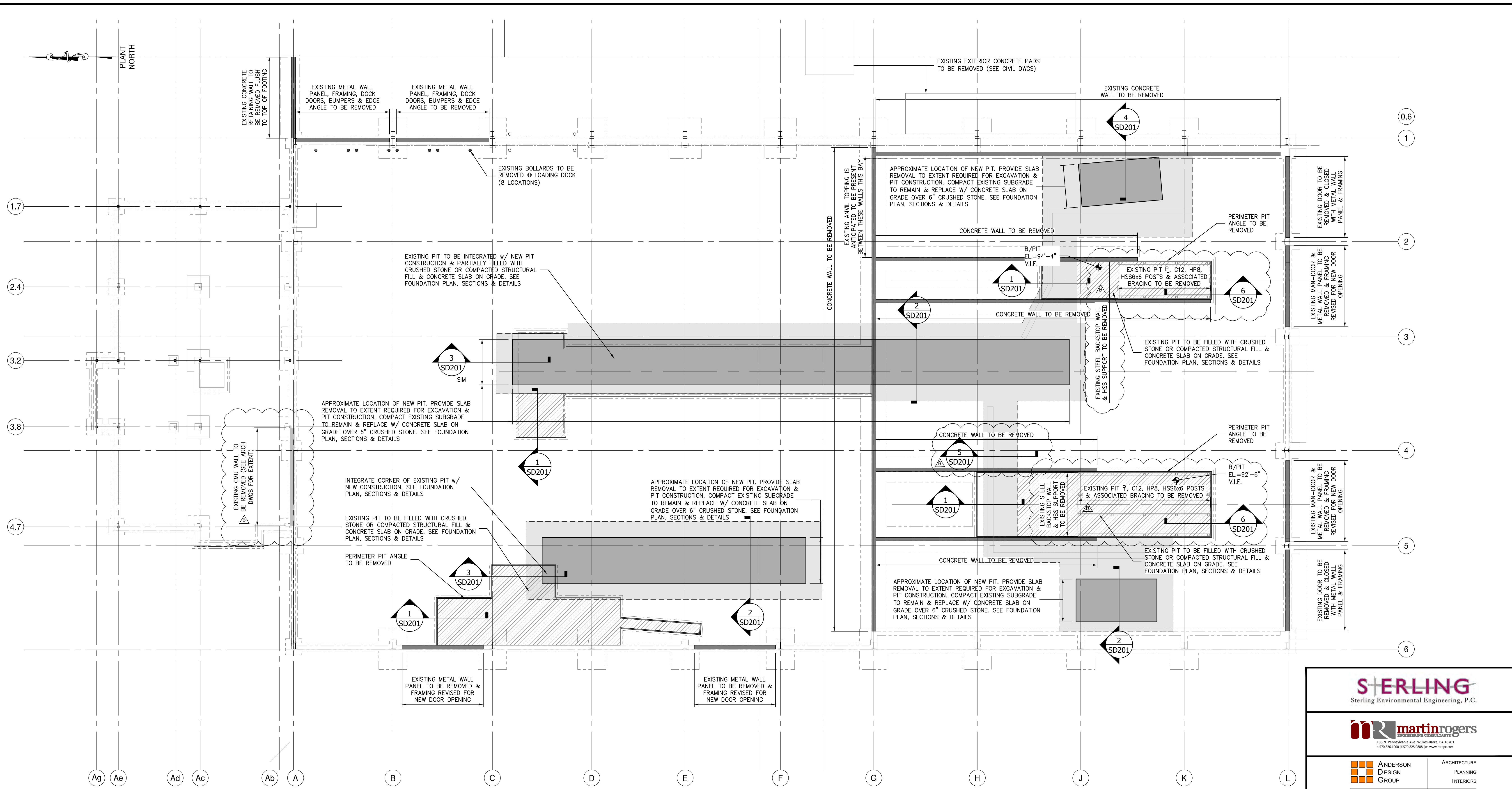
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DESIGNED	MF	5/6/21	CAD FILE:	499-010 S-100.dwg	
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APPROVED					REV

**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Melville, N.Y. 11747  
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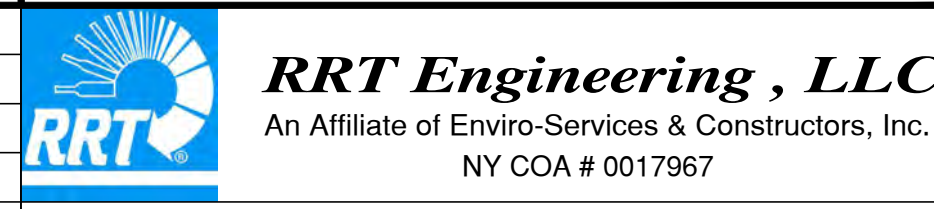
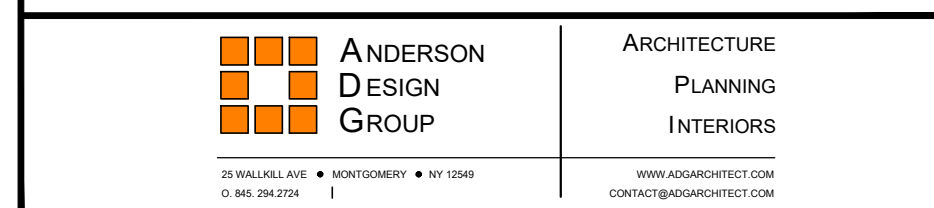


### FOUNDATION DEMOLITION PLAN

SCALE: 3/32"=1'-0"

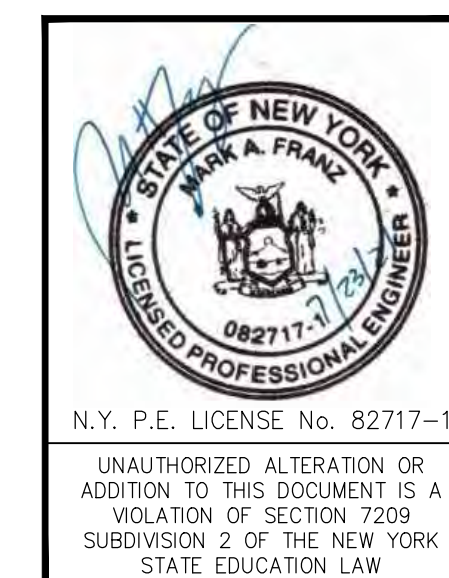
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  - FIELD VERIFY EXISTING STRUCTURES BEFORE PROCEEDING WITH FABRICATION OR DEMOLITION. NOTIFY ENGINEER IMMEDIATELY OF ANY OBSERVED DISCREPANCIES.
  - LOCATE UTILITIES PRIOR TO CUTTING CONCRETE OR EXCAVATING.
  - CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ADJACENT FOUNDATIONS, GRADE-SUPPORTED SLAB OR PAVEMENTS DURING EXCAVATION.
  - WALLS SHALL BE REMOVED FULL HEIGHT TO EXISTING FINISHED FLOOR AND GROUND FLUSH TO TOP OF SLAB UNLESS OTHERWISE INDICATED. GRIND TO PROVIDE TAPER FOR DIFFERENTIAL ELEVATIONS NOT EXCEEDING 3/4". PROVIDE FLOOR PATCH MATERIAL/TOPPING FOR ELEVATION CHANGE GREATER THAN 3/4".

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420 TORNE VALLEY ROAD, HILLBURN, NY 10931

### FOUNDATION DEMOLITION PLAN



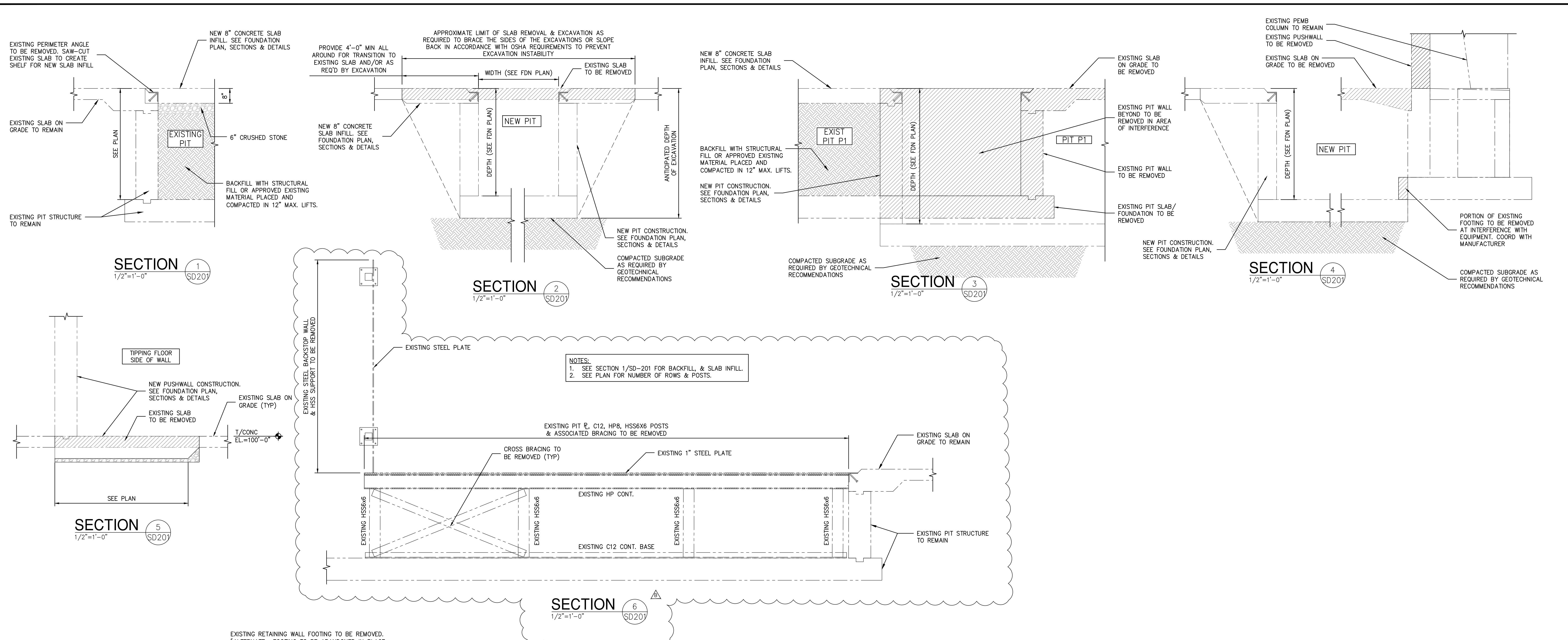
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A	ISSUED FOR RFP	7/6/21	MF	NE

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ph: 631-756-1060	fax: 631-756-1064

DRAWN	MF	DATE	5/6/21	PROJ. No:	499-010	SCALE:	AS NOTED
CHECKED	NE	DWG. NO.:	SD-200				
DESIGNED	MF	DATE	5/6/21	CAD FILE:	499-010-SD-200.dwg		
APPROVED				SHEET SIZE:	D-24x36		



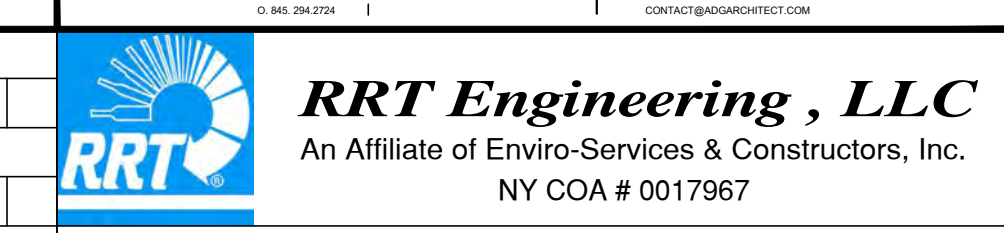
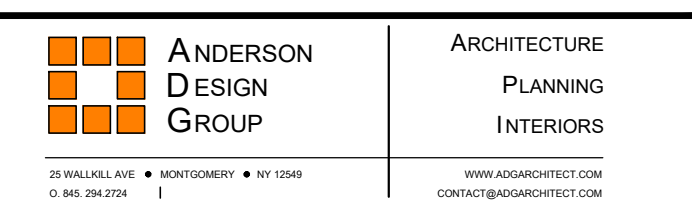
NOTES:  
 1. SEE SECTION 1/SD-201 FOR BACKFILL, & SLAB INFILL.  
 2. SEE PLAN FOR NUMBER OF ROWS & POSTS.

### FOUNDATION DEMOLITION PLAN

SCALE: 1/8"=1'-0"

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  - FIELD VERIFY EXISTING STRUCTURES BEFORE PROCEEDING WITH FABRICATION OR DEMOLITION. NOTIFY ENGINEER IMMEDIATELY OF ANY OBSERVED DISCREPANCIES.
  - LOCATE UTILITIES PRIOR TO CUTTING CONCRETE OR EXCAVATING. CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ADJACENT FOUNDATIONS, GRADE-SUPPORTED SLAB OR PAVEMENTS DURING EXCAVATION.
  - LOCATION AND RELATION TO NEW BUILDING CONSTRUCTION IS BASED ON LATEST CIVIL SURVEY. FIELD VERIFY LOCATION AND COORDINATE EXTENT OF DEMOLITION & REMOVAL REQUIRED.

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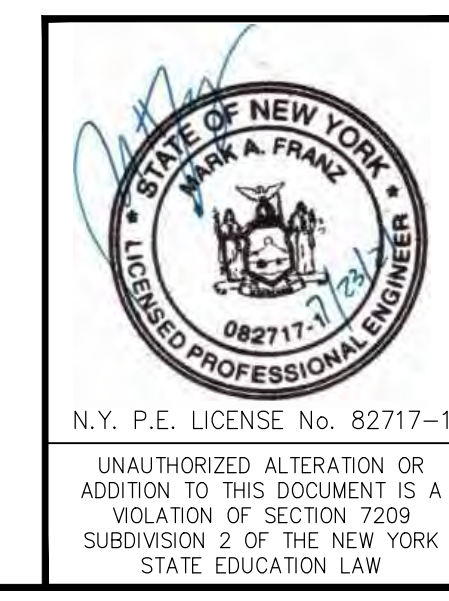
ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
 420 TORNE VALLEY ROAD, HILLBURN, NY 10931

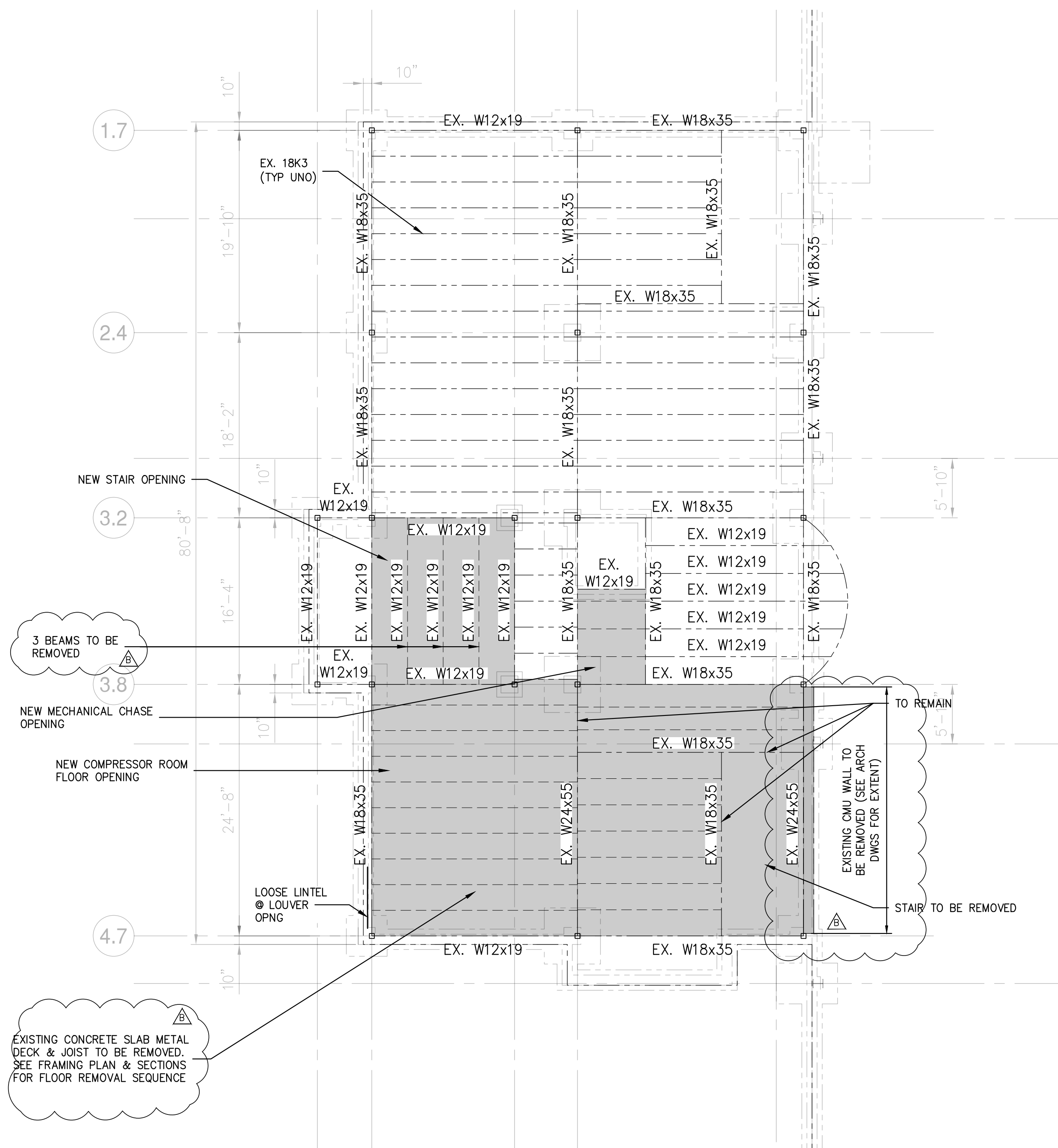
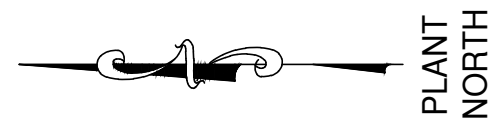
### FOUNDATION DEMOLITION PLAN, SECTIONS & DETAILS

REV	DESCRIPTION	DATE	BY	DATE	PROJ. No:	SCALE:
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A	ISSUED FOR RFP	7/6/21	MF	5/6/21		

	<b>RRT Engineering, LLC</b> 1 Huntington Quadrangle, 3501 Melville, N.Y. 11747 ph: 631-756-1060 fax: 631-756-1064	DRAWN: MF CHECKED: NE DESIGNED: MF APPROVED: MF	DWG. NO: SD-201 CAD FILE: 499-010_SD-200.dwg SHEET SIZE: D-24x36	B REV
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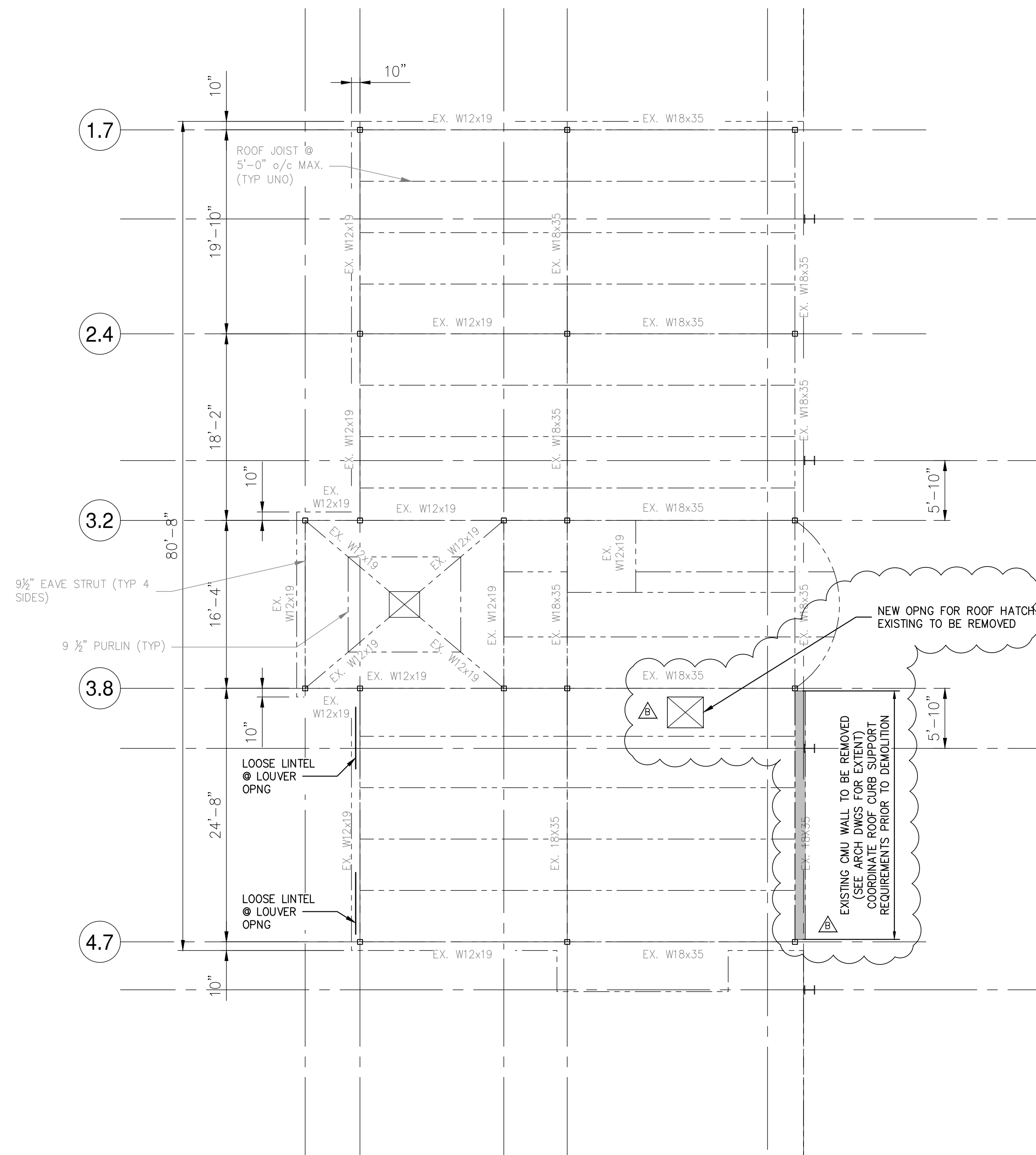
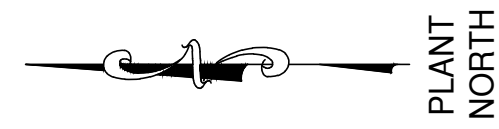


**2ND FLOOR FRAMING DEMOLITION PLAN**

SCALE: 1/8"=1'-0"

**NOTES:**

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- FIELD VERIFY EXISTING STRUCTURES BEFORE PROCEEDING WITH FABRICATION OR DEMOLITION. NOTIFY ENGINEER IMMEDIATELY OF ANY OBSERVED DISCREPANCIES.
- LOCATE UTILITIES PRIOR TO CUTTING CONCRETE OR EXCAVATING. CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ADJACENT FOUNDATIONS, GRADE-SUPPORTED SLAB OR PAVEMENTS DURING EXCAVATION.

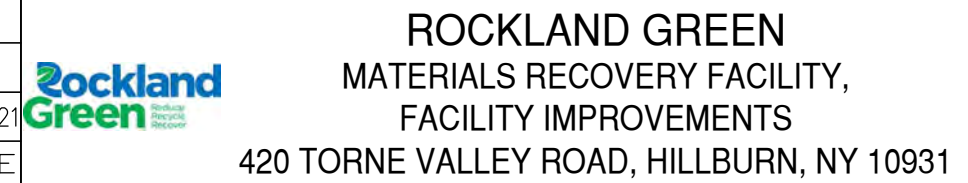
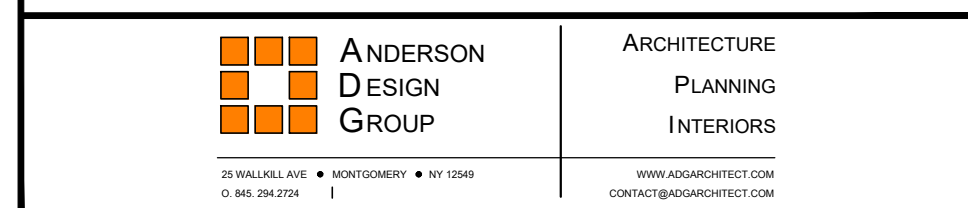


**PARTIAL ROOF FRAMING DEMOLITION PLAN**

SCALE: 1/8"=1'-0"

**NOTES:**

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**PARTIAL FLOOR & ROOF FRAMING DEMOLITION PLANS**

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A	ISSUED FOR RFP	7/6/21	MF	NE

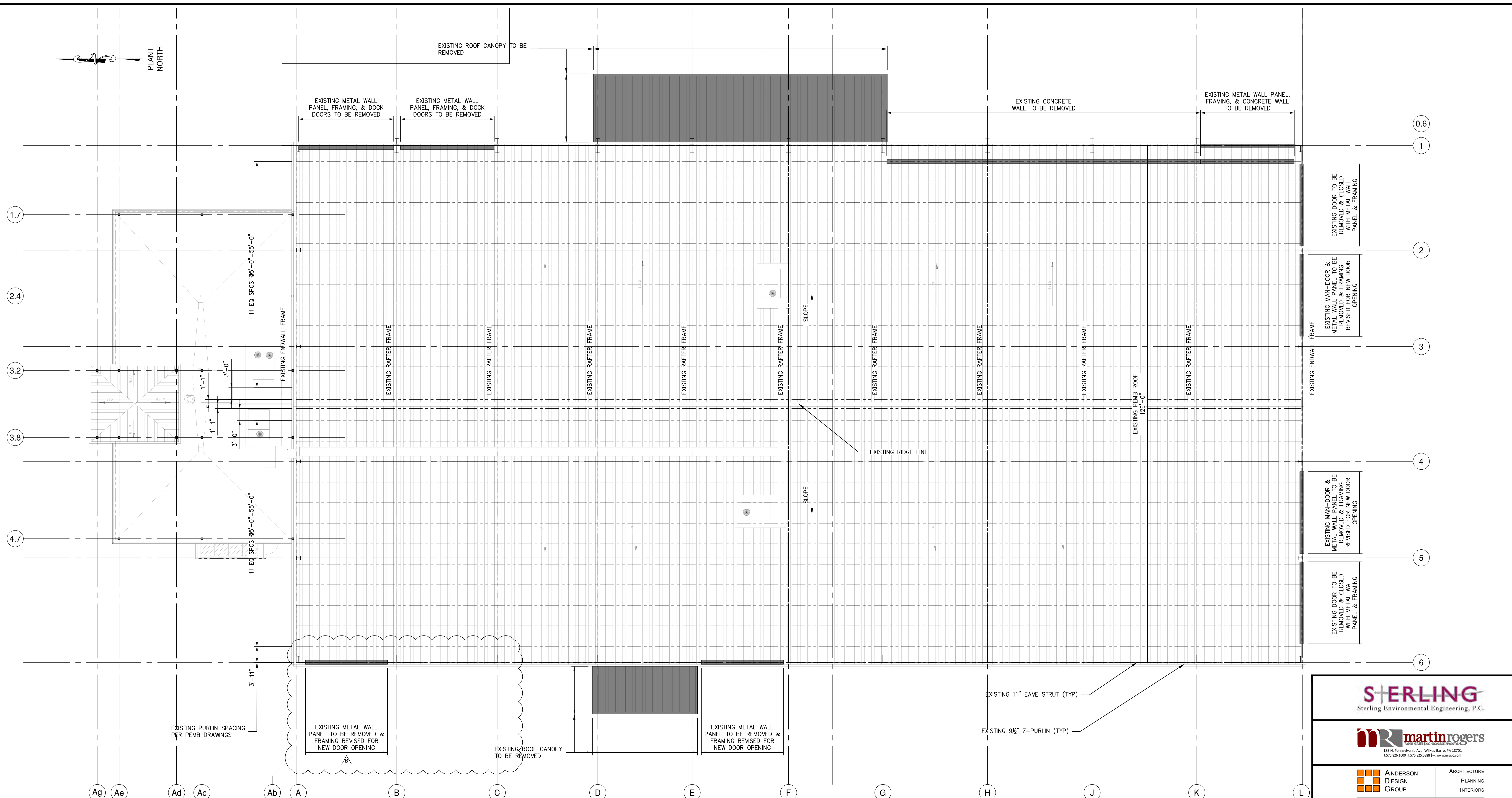
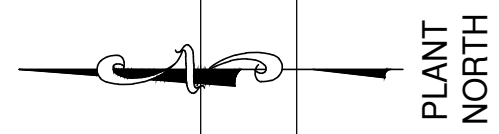


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DWG. NO: SD-210  
CAD FILE: 499-010 SD-210.dwg  
SHEET SIZE: D-24x36

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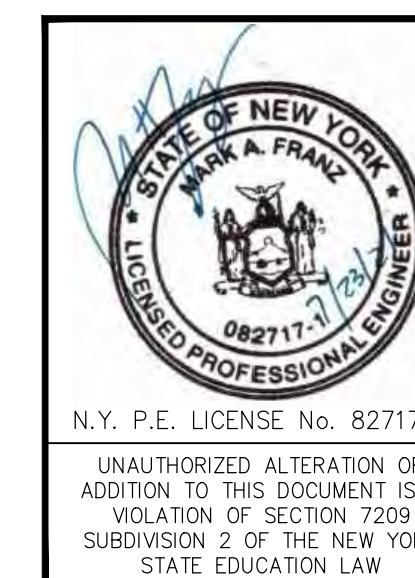


### ROOF FRAMING DEMOLITION PLAN

SCALE: 1/8"=1'-0"

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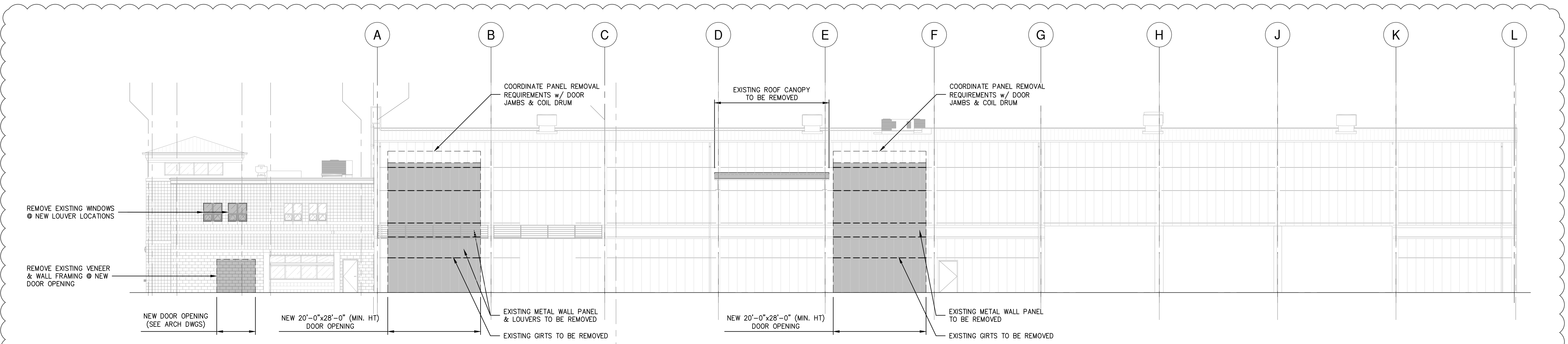
**ROCKLAND GREEN**  
MATERIALS RECOVERY FACILITY,  
FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

<p><b>ROOF FRAMING DEMOLITION PLAN</b></p>	<p>PROJ. No: 499-010</p>	<p>SCALE: AS NOTED</p>
<p>DRAWN: MF</p> <p>CHECKED: NE</p> <p>DESIGNED: MF</p> <p>APPROVED: MF</p>	<p>DATE: 5/6/21</p> <p>DATE: 5/6/21</p> <p>DATE: 5/6/21</p> <p>DATE: 5/6/21</p>	<p>DWG. NO: SD-211</p> <p>CAD FILE: 499-010 SD-210.dwg</p> <p>SHEET SIZE: D-24x36</p>

Sterling Environmental Engineering, P.C.

185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
1-717-850-1000 | 1-717-850-0988 | www.mrtg.com

ARCHITECTURE  
PLANNING  
INTERIORS

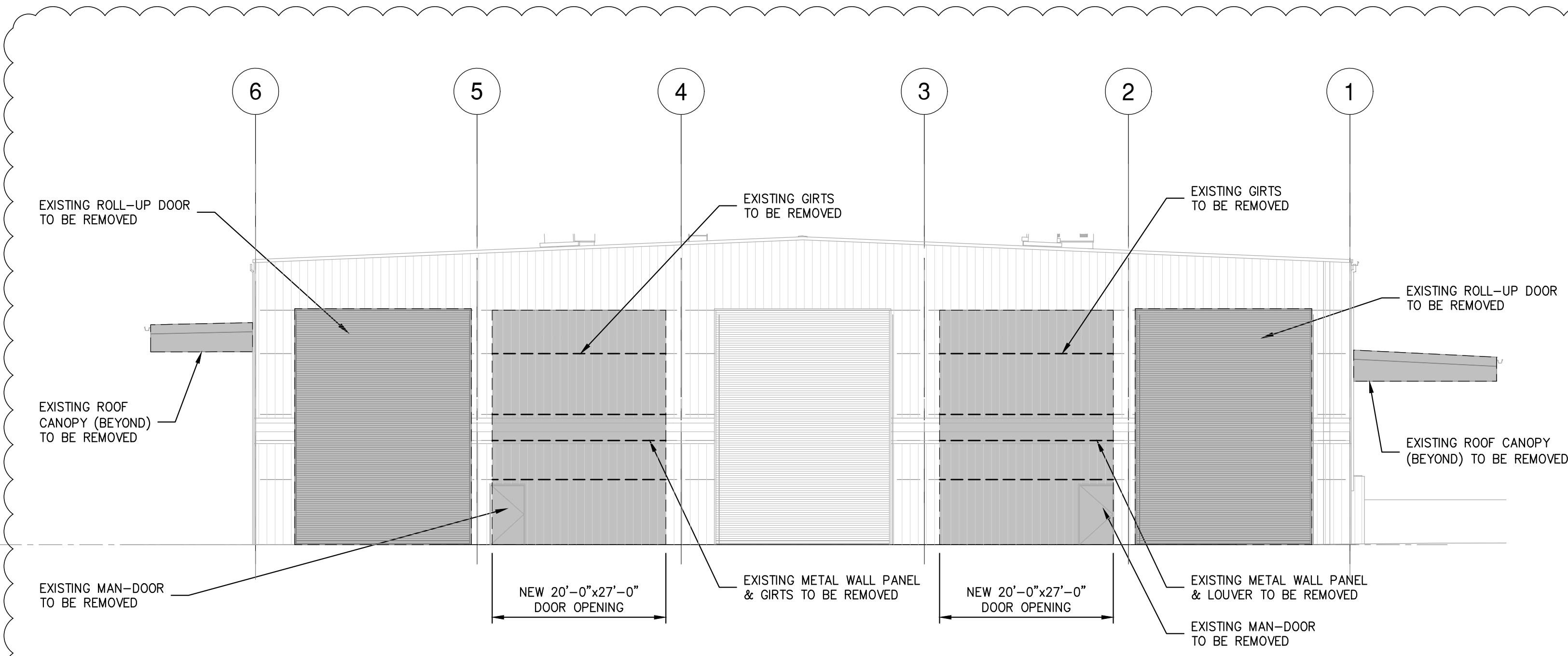


**FRAMING DEMOLITION ELEVATION**

**ALONG COL. LINE 6**

SCALE: 3/32"=1'-0"

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  - LOCATE UTILITIES PRIOR TO PROCEEDING WITH DEMOLITION. EXISTING ELECTRICAL SERVICE, ELECTRICAL OUTLETS, COMMUNICATION WIRING, FIRE ALARMS AND FIRE COMMUNICATION TO BE REMOVED AND RELOCATED AS REQUIRED BEFORE ERECTION & DEMOLITION.
  - CARE SHALL BE TAKEN WORKING AROUND EXISTING UTILITIES TO REMAIN INCLUDING BUT NOT LIMITED TO FIRE SPRINKLER (COORDINATE WITH REPLACEMENT BY OTHERS).
  - FIELD VERIFY EXISTING FRAMING AT PROPOSED OPENING LOCATIONS. NOTIFY ENGINEER OF ANY REVISED DIMENSIONS AS REQUIRED. COORDINATE ALL FRAMED OPENING DIMENSIONS WITH APPROVED SUBMITTAL REQUIREMENTS.
  - CUT WALL OPENINGS AND FRAME ACCORDINGLY. COORDINATE OPENINGS WITH SUBCONTRACTOR INSTALLING DOORS, LOUVERS OR FANS. PROVIDE METAL WALL PANEL TO MATCH. PROVIDE TRIM AND SEAL AS REQUIRED TO PROVIDE FINISHED APPEARANCE.



**FRAMING DEMOLITION ELEVATION**

**ALONG COL. LINE L**

SCALE: 3/32"=1'-0"

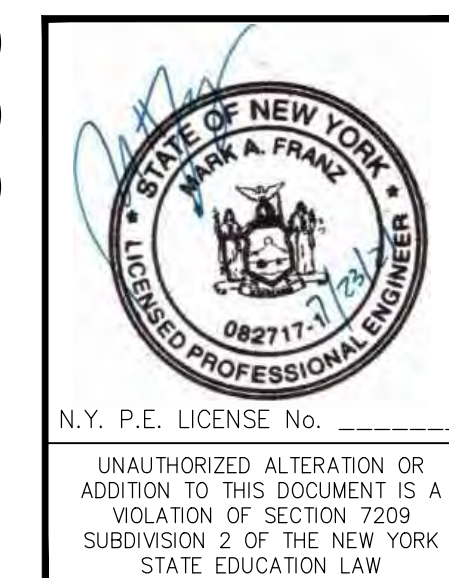
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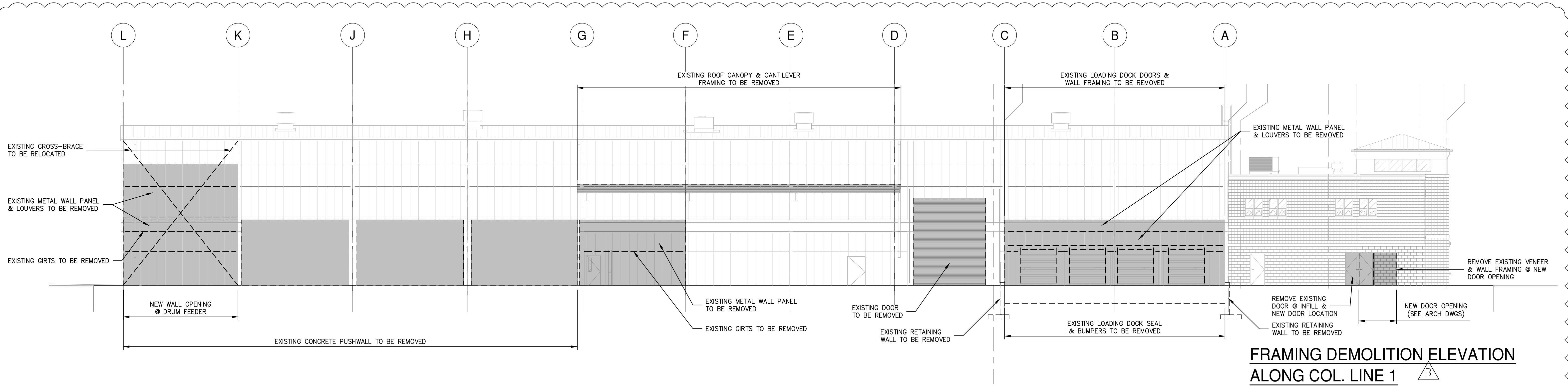
**STERLING**  
Sterling Environmental Engineering, P.C.

**martinrogers**  
ENGINEERING CONSULTANTS  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
1-717-850-1000 | 1-717-850-0988 | www.mrgroup.com

ANDERSON DESIGN GROUP ARCHITECTURE  
PLANNING INTERIORS



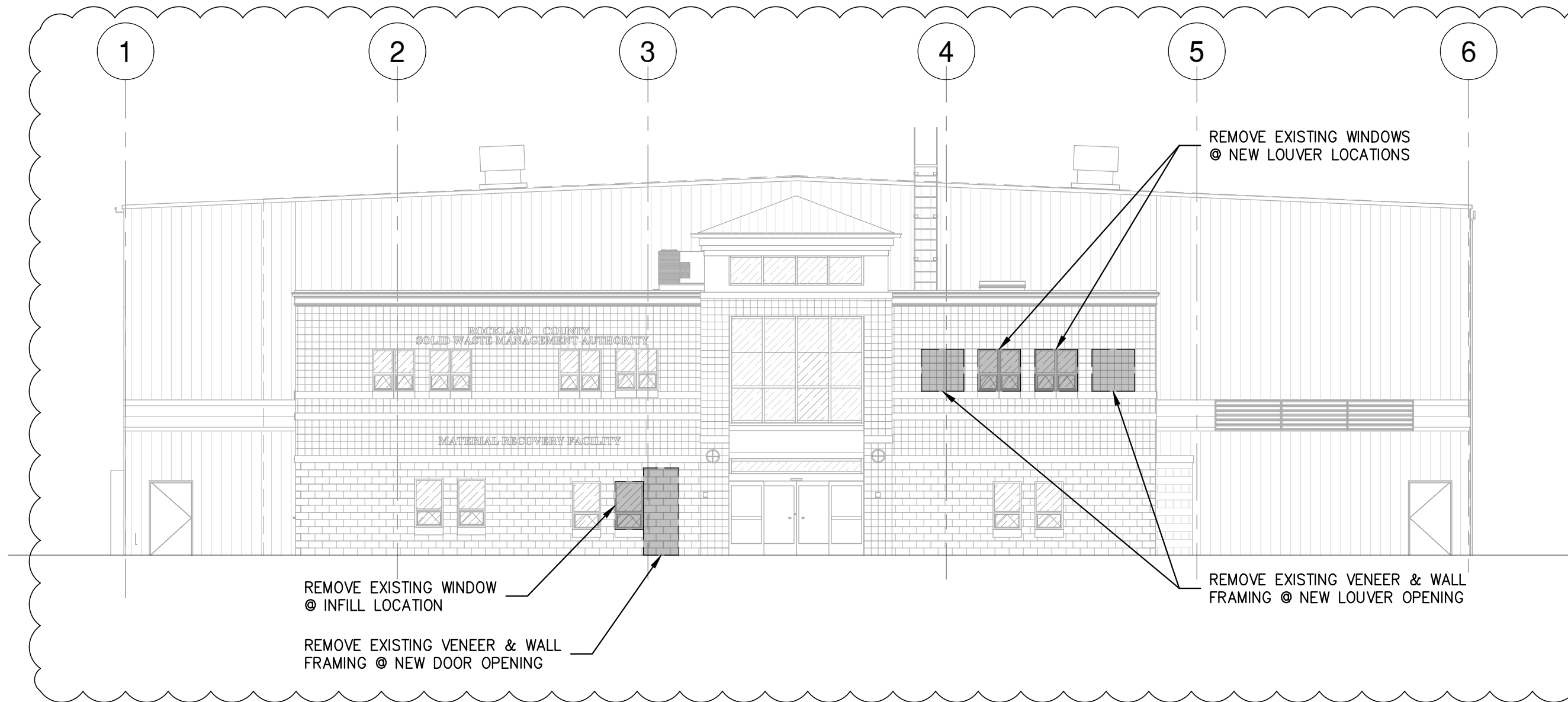
<p><b>RRT Engineering, LLC</b> An Affiliate of Enviro-Services &amp; Constructors, Inc. NY COA # 0017967</p>		<p>ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS 420 TORNE VALLEY ROAD, HILLBURN, NY 10931</p>	
<p>REVISED FOR RFP ADDENDUM 6</p>		<p>7/23/21 MFNE DATE BY CHK</p>	
<p>DESCRIPTION</p>		<p>PROJ. No: 499-010 SCALE: AS NOTED</p>	
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<p><b>RRT Engineering, LLC</b> 1 Huntington Quadrangle, 3501 Melville, N.Y. 11747 ph: 631-756-1060 fax: 631-756-1064</p>		<p>DWG. NO: SD-401 CAD FILE: 499-010 SD-400 SHEET SIZE: D-24x36</p>	



**FRAMING DEMOLITION ELEVATION  
ALONG COL. LINE 1**

SCALE: 3/32"=1'-0"

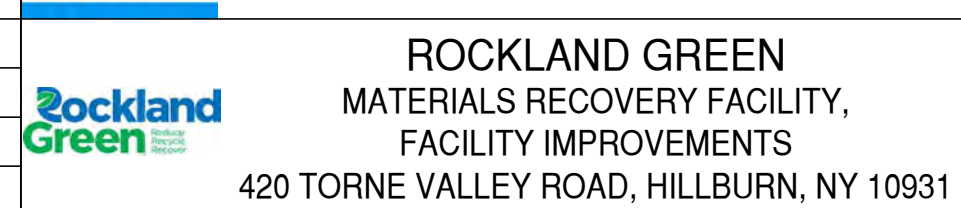
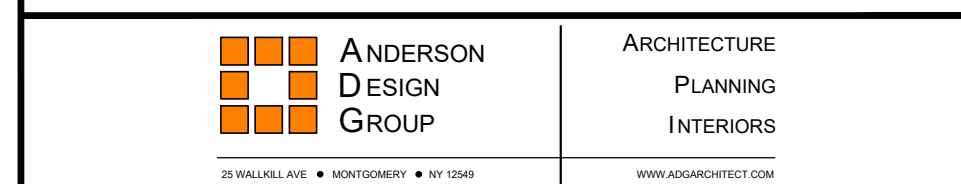
- NOTES:
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  - FIELD VERIFY EXISTING STRUCTURES BEFORE PROCEEDING WITH FABRICATION OR DEMOLITION. NOTIFY ENGINEER IMMEDIATELY OF ANY OBSERVED DISCREPANCIES.
  - LOCATE UTILITIES PRIOR TO PROCEEDING WITH DEMOLITION. EXISTING ELECTRICAL SERVICE, ELECTRICAL OUTLETS, COMMUNICATION WIRING, FIRE ALARMS AND FIRE COMMUNICATION TO BE REMOVED AND RELOCATED AS REQUIRED BEFORE ERECTION & DEMOLITION.
  - CARE SHALL BE TAKEN WORKING AROUND EXISTING UTILITIES TO REMAIN INCLUDING BUT NOT LIMITED TO FIRE SPRINKLER (COORDINATE WITH REPLACEMENT BY OTHERS).
  - FIELD VERIFY EXISTING FRAMING AT PROPOSED OPENING LOCATIONS. NOTIFY ENGINEER OF ANY REVISED DIMENSIONS AS REQUIRED. COORDINATE ALL FRAMED OPENING DIMENSIONS WITH APPROVED SUBMITTAL REQUIREMENTS.
  - CUT WALL OPENINGS AND FRAME ACCORDINGLY. COORDINATE OPENINGS WITH SUBCONTRACTOR INSTALLING DOORS, LOUVERS OR FANS. PROVIDE METAL WALL PANEL TO MATCH. PROVIDE TRIM AND SEAL AS REQUIRED TO PROVIDE FINISHED APPEARANCE.



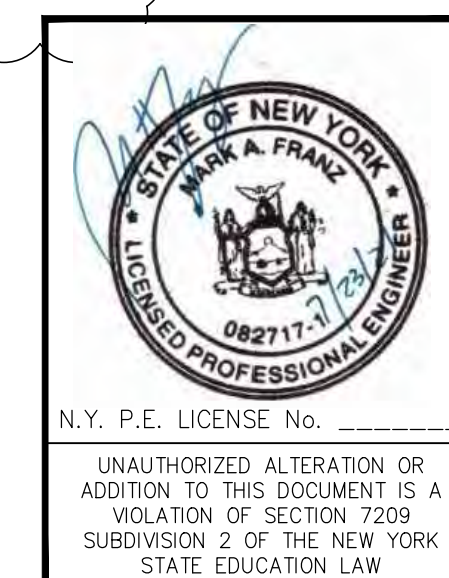
**FRAMING DEMOLITION ELEVATION  
ALONG COL. LINE A**

SCALE: 3/32"=1'-0"

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**FRAMING DEMOLITION ELEVATIONS**



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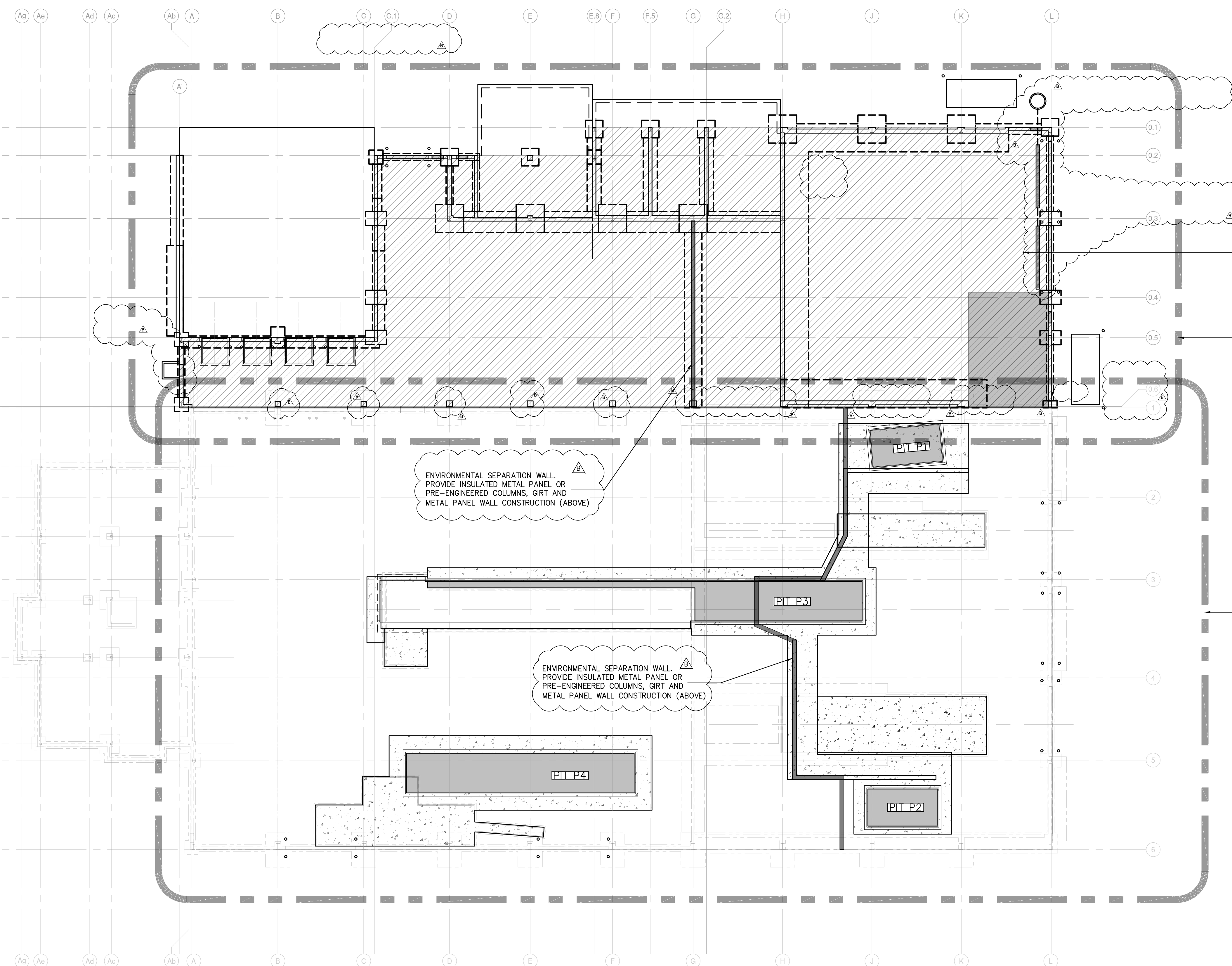
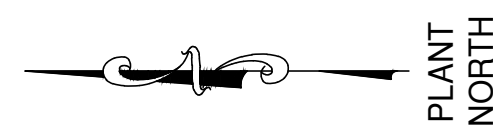
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				MF	5/6/21		

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**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Melville, N.Y. 11747  
ph: 631-756-1060  
fax: 631-756-1064

NOT FOR CONSTRUCTION

B



### OVERALL FOUNDATION PLAN

SCALE: 3/32"=1'-0"

**NOTES:**

1. EXISTING BUILDING STRUCTURE SHOWN IS BASED LIMITED INFORMATION AS VERIFIED BY RRT DESIGN & CONSTRUCTION.
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8. COLUMNS SHALL BEAR TOP OF CONCRETE WALL OR TOP OF PIER.
9. SEE DRAWING S-101 & S-102 FOR ADDITIONAL NOTES AND DESIGN LOADS.
10. FOUNDATION DESIGN AND REVIEW OF EXISTING FOUNDATIONS TO REMAIN ARE BASED ON PRELIMINARY PEMB COLUMN REACTIONS. SUBMIT PEMB REACTIONS FOR CONFIRMATION PRIOR TO FABRICATION AND INSTALLATION.
11. PROVIDE CORNER REINFORCEMENT AT ALL FOUNDATION AND WALL INTERSECTIONS.
12. P#- INDICATES PIER TYPE. SEE PIER DETAILS ON DRAWING S-301.
13. SF- INDICATES STEPPED FOOTING.

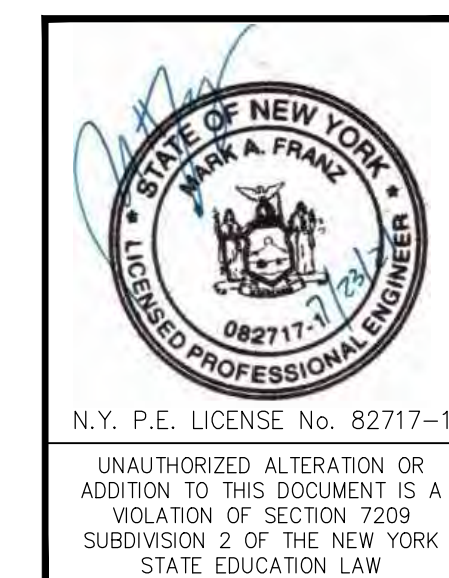
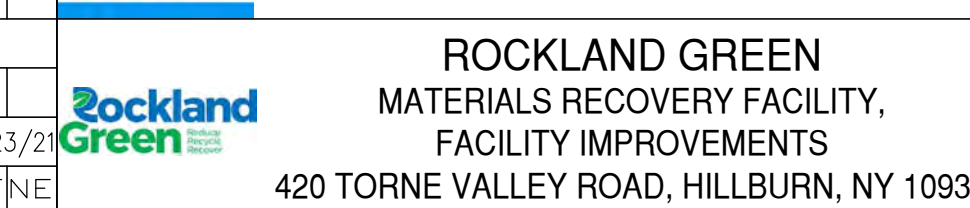
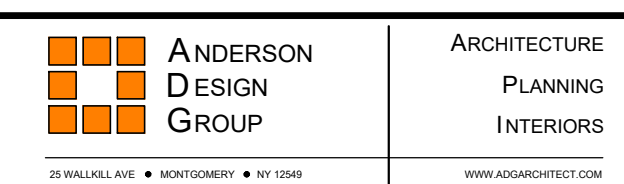
NEW BUILDING ADDITION

SEE PARTIAL FOUNDATION PLAN DWG S-201

SEE PARTIAL FOUNDATION PLAN DWG S-202

ENVIRONMENTAL SEPARATION WALL. PROVIDE INSULATED METAL PANEL OR PRE-ENGINEERED COLUMNS, GIRT AND METAL PANEL WALL CONSTRUCTION (ABOVE)

ENVIRONMENTAL SEPARATION WALL. PROVIDE INSULATED METAL PANEL OR PRE-ENGINEERED COLUMNS, GIRT AND METAL PANEL WALL CONSTRUCTION (ABOVE)



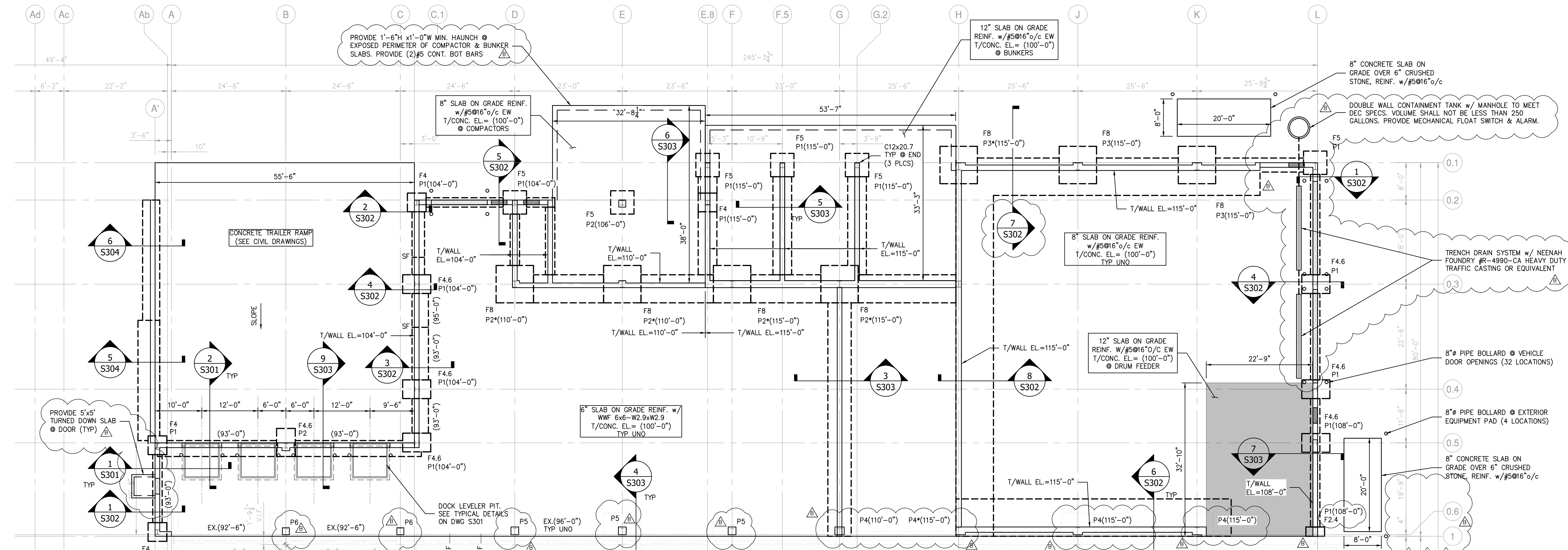
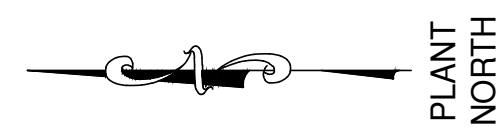
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PROJ. No:	499-010	SCALE:	AS NOTED
DWG. No:	S-200	CAD FILE:	499-010 S-200.dwg
APPROVED		SHEET SIZE:	D-24x36

NOT FOR CONSTRUCTION





### PARTIAL FOUNDATION PLAN

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- COORDINATE UNDERSLAB UTILITY WORK WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS. PROVIDE SLEEVED OPENINGS THROUGH WALLS AND SLABS FOR PIPING AND CONDUIT. DO NOT CAST PIPING OR CONDUIT IN FOUNDATIONS OR GRADE BEAMS WITHOUT PRIOR APPROVAL OF ENGINEER.
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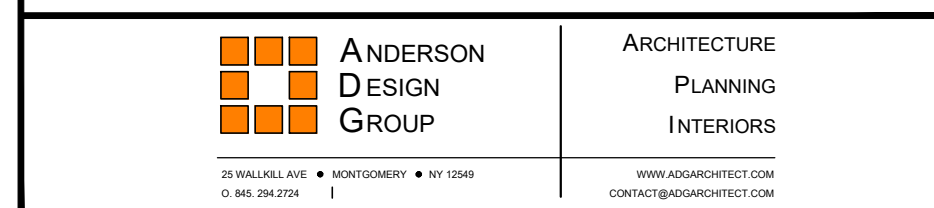
#### FOOTING SCHEDULE

TYPE	SIZE	REINFORCING
F2.4	2'-0"x4'-0"x1'-0"	(3)#5 LW TOP & BOT (5)#5 SW TOP & BOT DOWELED TO EXISTING
F4	4'-0"x4'-0"x1'-0"	(5)#5 EW BOT
F4.6	4'-0"x6'-0"x1'-4"	(5)#6 LW TOP & BOT (7)#5 SW TOP & BOT
F5	5'-0"x5'-0"x1'-4"	(6)#5 LW TOP & BOT (6)#5 SW TOP & BOT
F8	8'-0"x8'-0"x1'-6"	(9)#6 EW TOP & BOT

#### PIER SCHEDULE

TYPE	SIZE	REINFORCING
P1*	1'-0"x1'-4"	(4)#6 VERT. w/ #3 TIE SETS
P2	1'-6"x1'-6"	(8)#6 VERT. w/ #3 TIE SETS
P3	2'-0"x1'-8"	(12)#10 VERT. w/ #4 TIE SETS
P4	2'-0"x1'-8"	(12)#10 VERT. w/ #4 TIE SETS
P5	1'-8"x1'-8"	(12)#6 VERT. w/ #4 TIE SETS
P6	1'-6"x1'-6"	(8)#6 VERT. w/ #3 TIE SETS

- NOTES:**
- \* INDICATES PIER SHALL BE INTEGRAL WITH CONCRETE WALL WITHOUT PROJECTION ON ONE OR BOTH SIDES (SEE PLAN). OFFSET PIER AS REQUIRED TO PREVENT PROJECTION AT WALL ENDS OR CORNERS.
  - PIER EL.=100'-0" UNLESS NOTED OTHERWISE (XX-XX').
  - PIER TYPES P4, P5 & P6 ARE REQUIRED FOR METHOD 1 PEMB STAND-ALONE ROOF SUPPORT CONSTRUCTION.



ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

### PARTIAL FOUNDATION PLAN

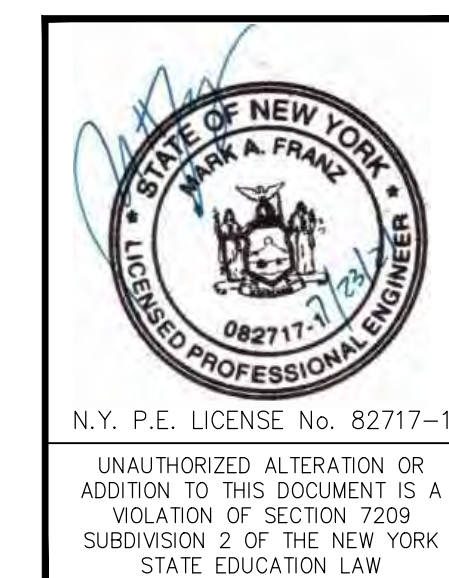
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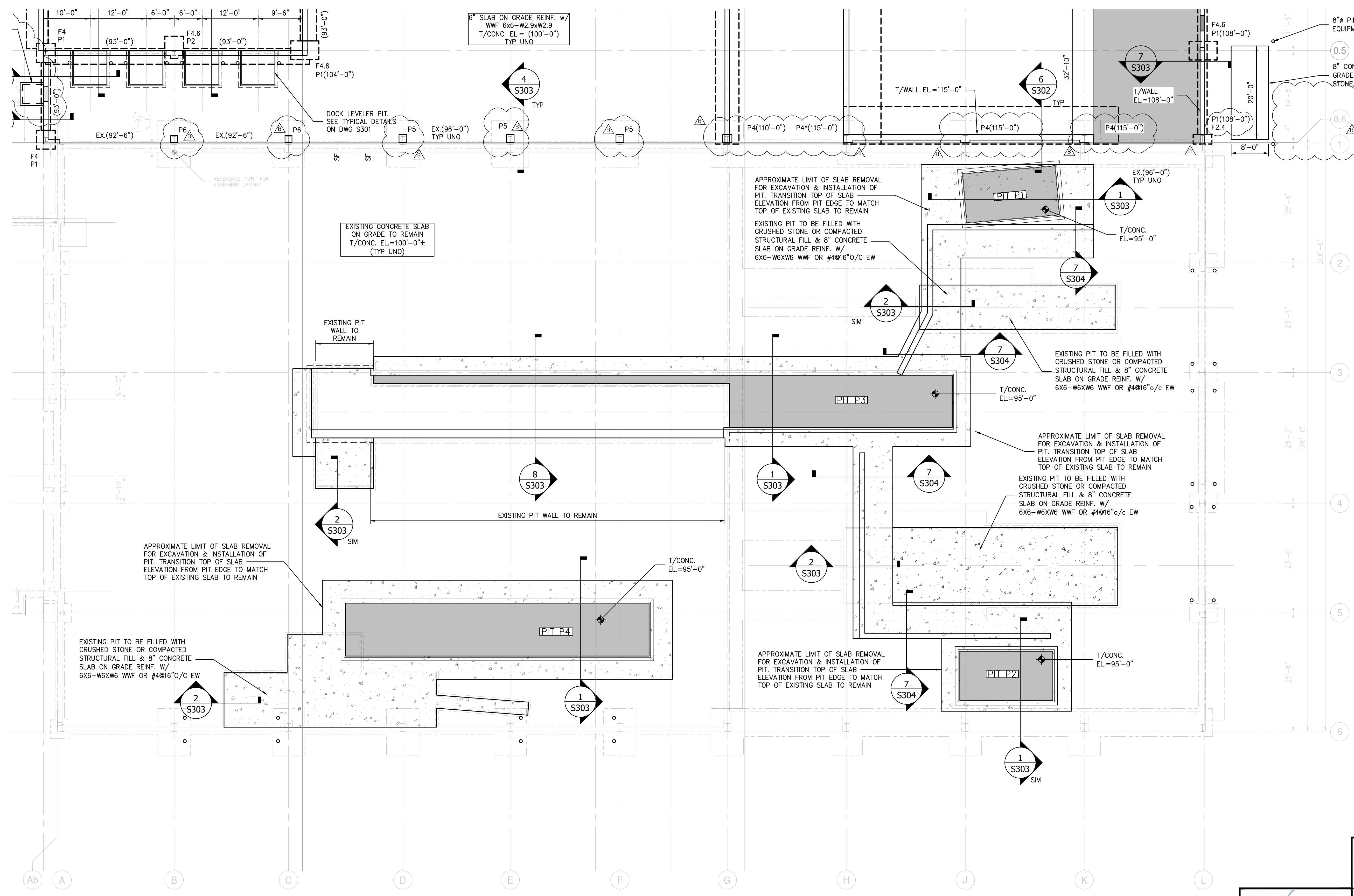
**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Melville, N.Y. 11747  
Tel: 631-756-1060  
Fax: 631-756-1064

DWG. No: **S-201**  
CAD FILE: 499-010 S-201.dwg  
SHEET SIZE: D-24x36



**NOT FOR CONSTRUCTION**

PLANT NORTH



**PARTIAL FOUNDATION PLAN**

SCALE: 1/32"=1'-0"

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**STERLING**  
Sterling Environmental Engineering, P.C.

**martin rogers**  
ENGINEERING CONSULTANTS  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
1-717-850-1000 | 1-717-850-0980 | www.mrope.com

ANDERSON DESIGN GROUP ARCHITECTURE PLANNING INTERIORS

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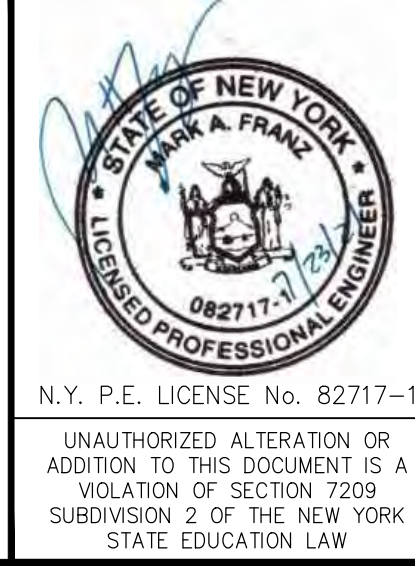
**Rockland Green**  
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420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**PARTIAL FOUNDATION PLAN**

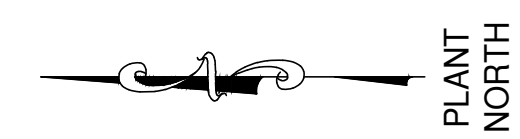
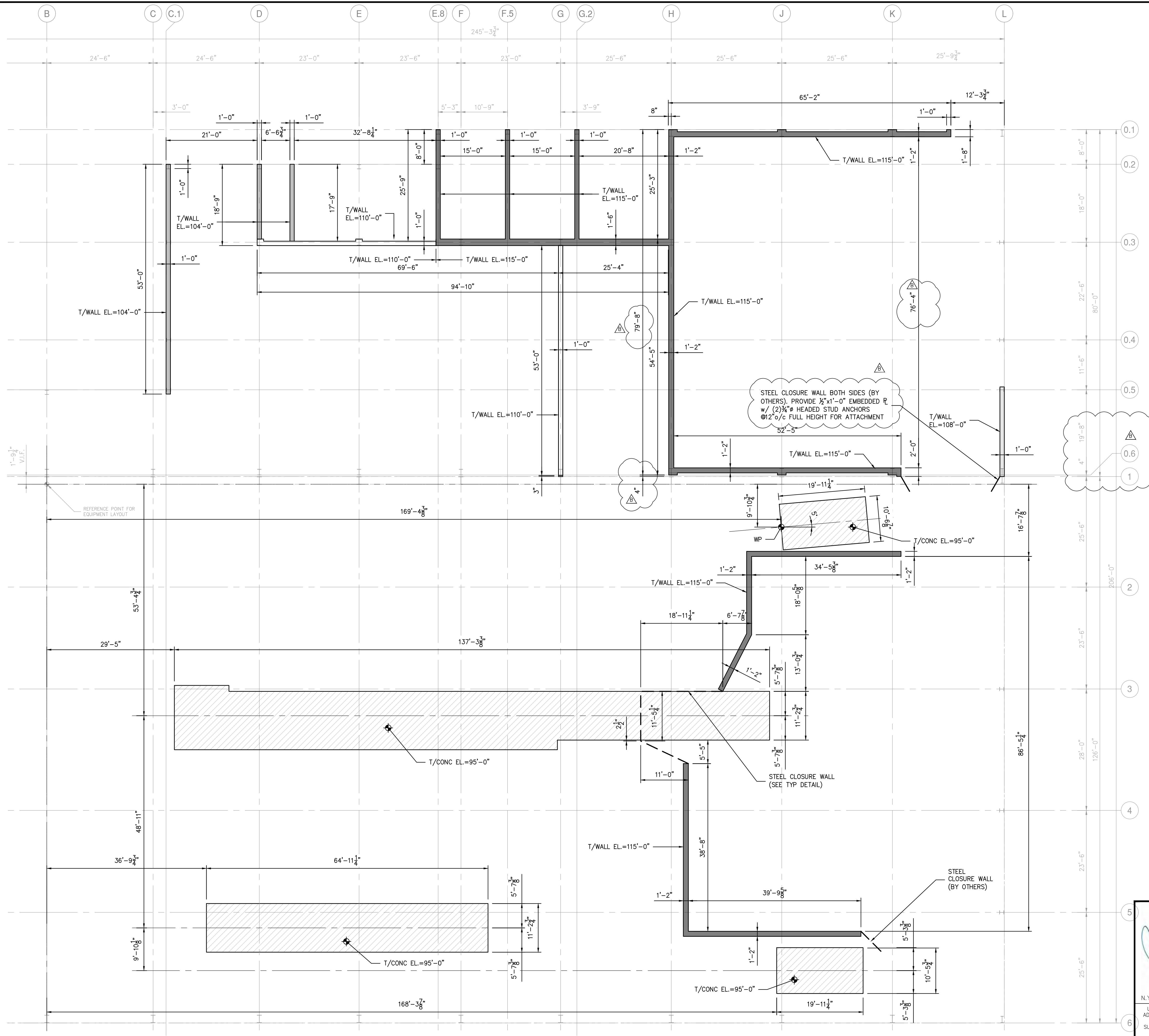
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**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Melville, N.Y. 11747  
ph: 631-756-1060  
fax: 631-756-1064



NOT FOR CONSTRUCTION



**PUSHWALL & PIT LOCATION PLAN**

SCALE: 3/32"=1'-0"

- NOTES:
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  - NOTE EQUIPMENT LAYOUT IS NOT FINAL AND MAY REQUIRE ADJUSTMENTS TO PIT & WALL LOCATIONS. COORDINATE ALL DIMENSIONS AND LOCATIONS WITH EQUIPMENT DRAWINGS PRIOR TO LAYOUT. BRING ANY DISCREPANCIES TO THE ENGINEER'S ATTENTION.

NOT FOR CONSTRUCTION

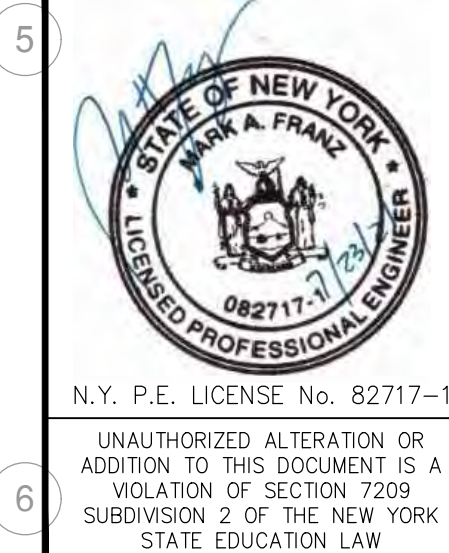
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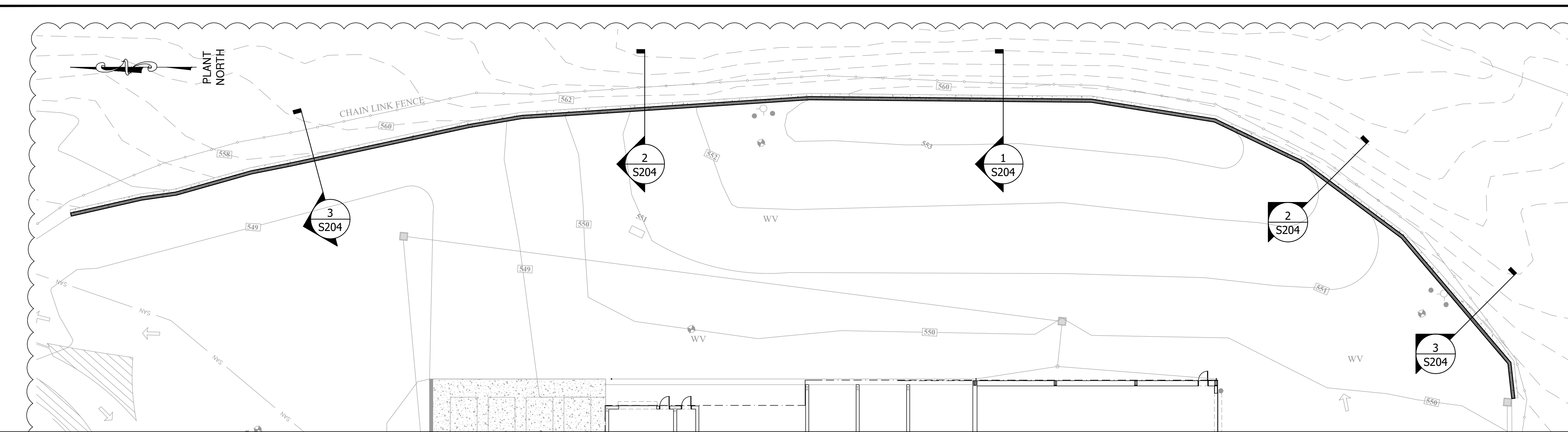
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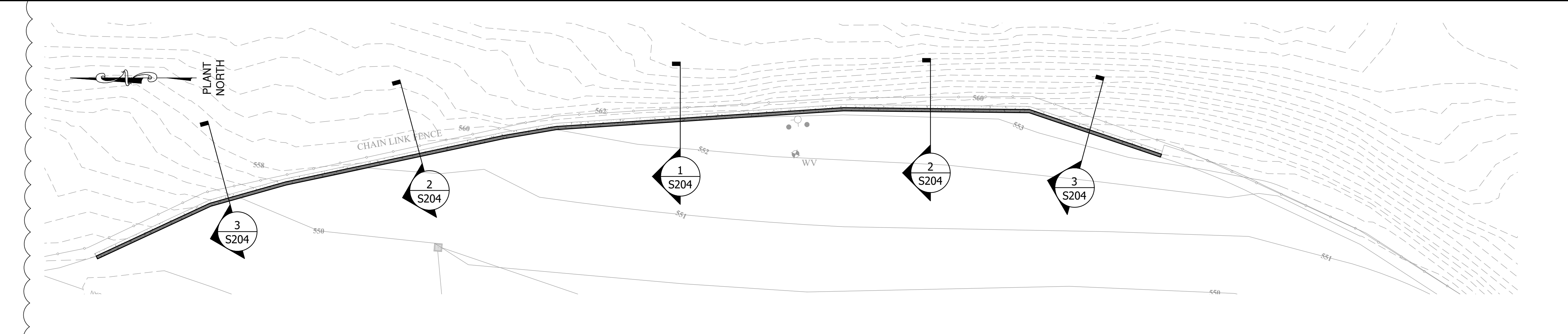


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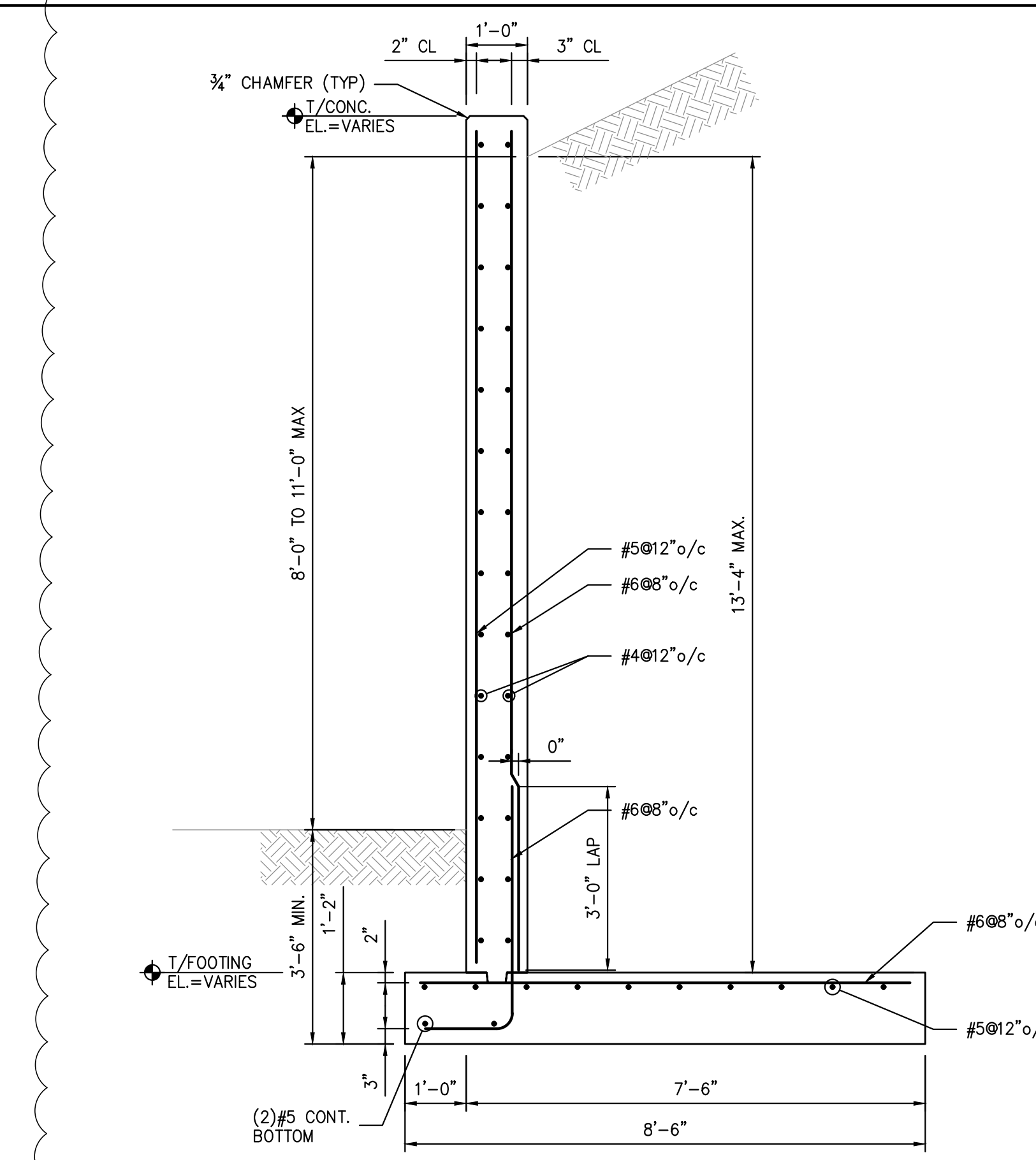
### SITE RETAINING WALL PLAN

- SCALE: 1"=20'-0"
- NOTES:
1. FIELD VERIFY EXISTING STRUCTURES BEFORE PROCEEDING WITH FABRICATION OR DEMOLITION. NOTIFY ENGINEER IMMEDIATELY OF ANY OBSERVED DISCREPANCIES.
  2. LOCATE UTILITIES PRIOR TO CUTTING CONCRETE OR EXCAVATING.
  3. CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ADJACENT FOUNDATIONS, GRADE-SUPPORTED SLAB OR PAVEMENTS DURING EXCAVATION.
  4. COORDINATE ALL DIMENSIONS AND LOCATIONS WITH CIVIL DRAWINGS PRIOR TO LAYOUT. BRING ANY DISCREPANCIES TO THE ENGINEER'S ATTENTION.
  5. PROVIDE DRAINAGE PIPE BEHIND WALL TO DAYLIGHT BOTH ENDS.
  6. PROVIDE 3" MIN. WEEP HOLES @ 20'/c MAX. SPACING.

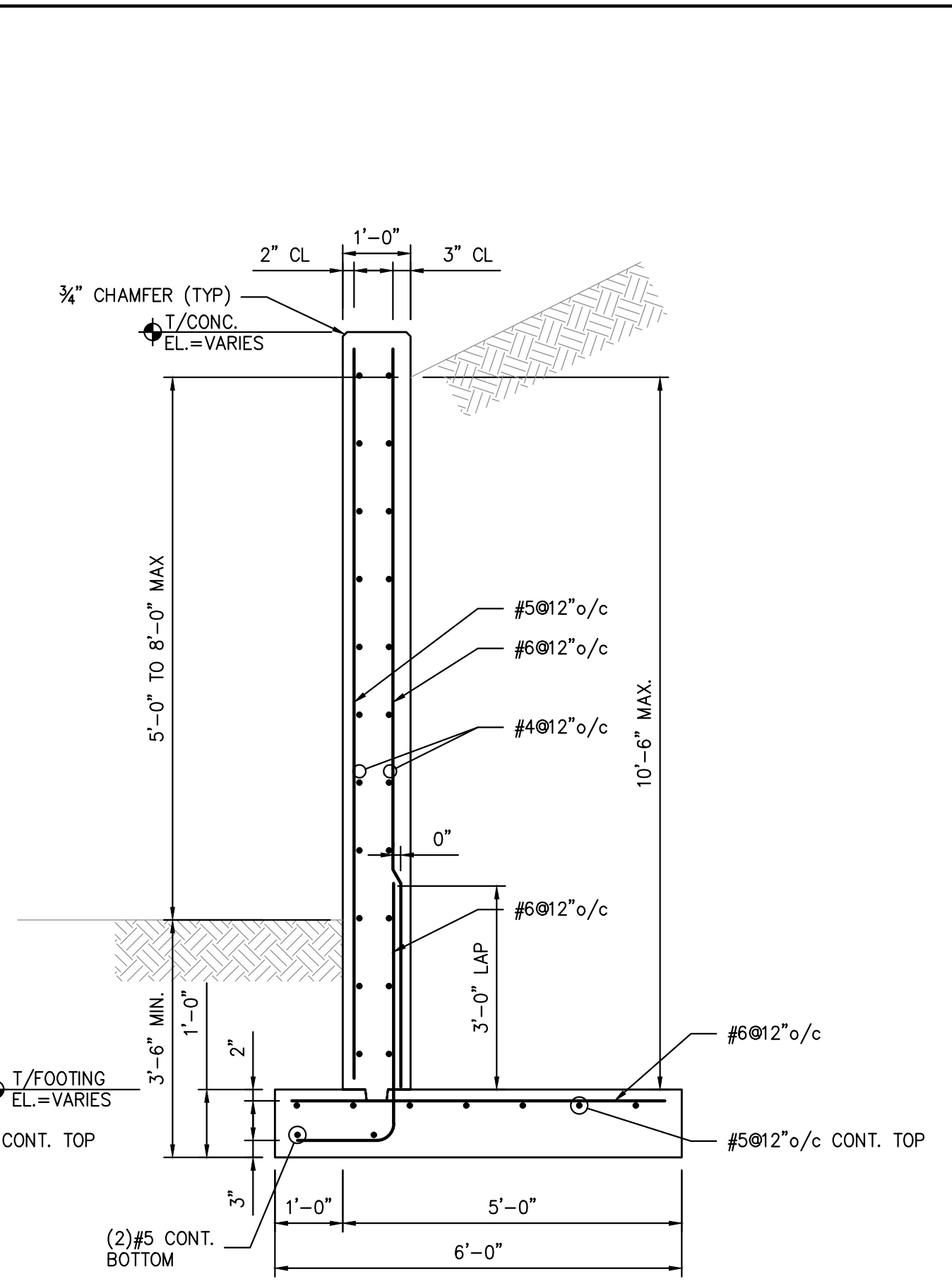


### SITE RETAINING WALL PLAN (ALT)

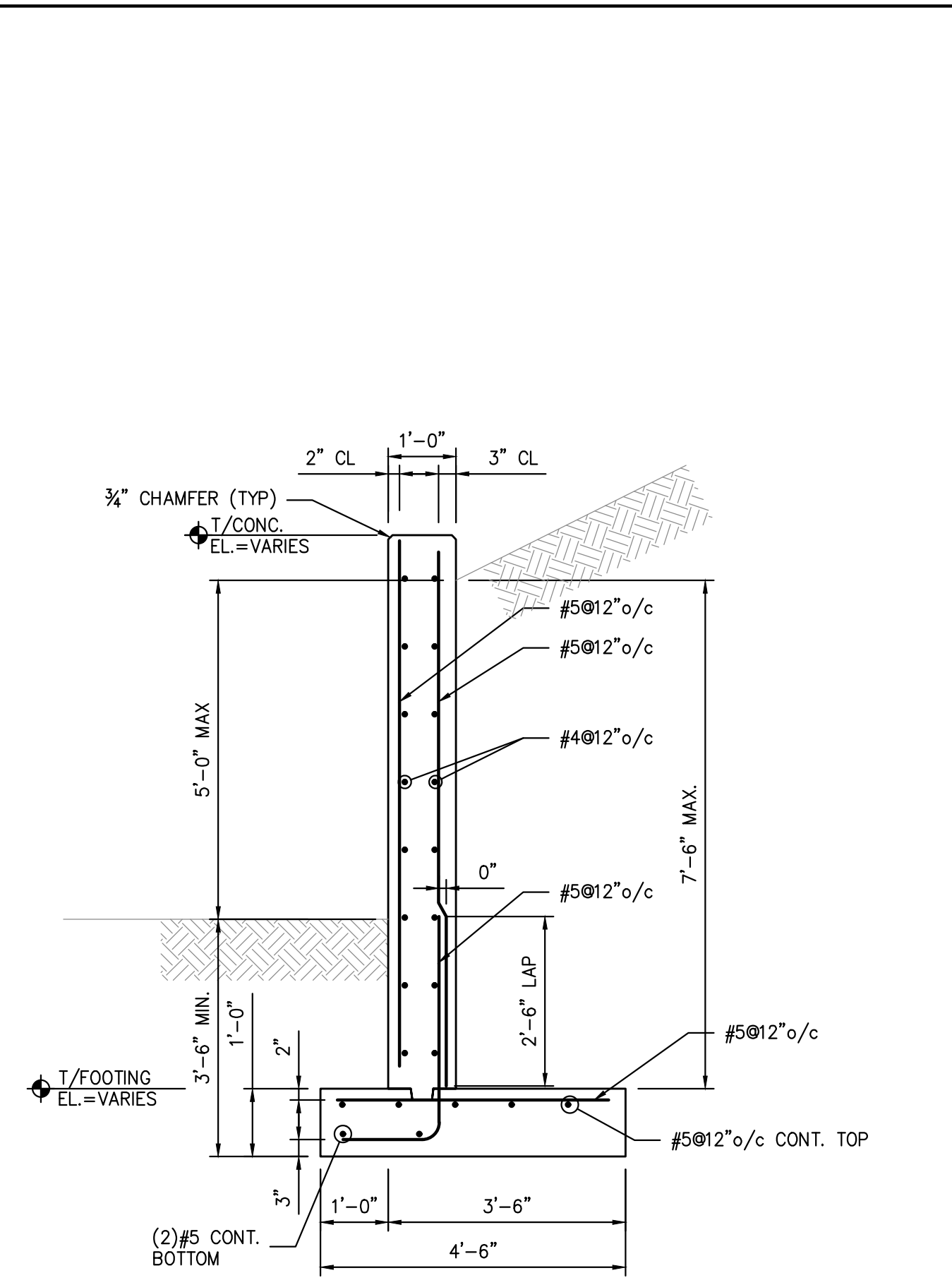
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  5. PROVIDE DRAINAGE PIPE BEHIND WALL TO DAYLIGHT BOTH ENDS.
  6. PROVIDE 3" MIN. WEEP HOLES @ 20'/c MAX. SPACING.



SECTION 1  
1/2"=1'-0"



SECTION 2  
1/2"=1'-0"



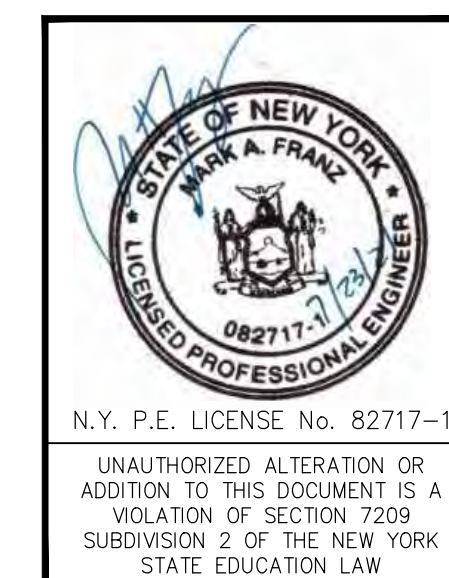
SECTION 3  
1/2"=1'-0"

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Sterling Environmental Engineering, P.C.

**martinrogers**  
ENGINEERING CONSULTANTS  
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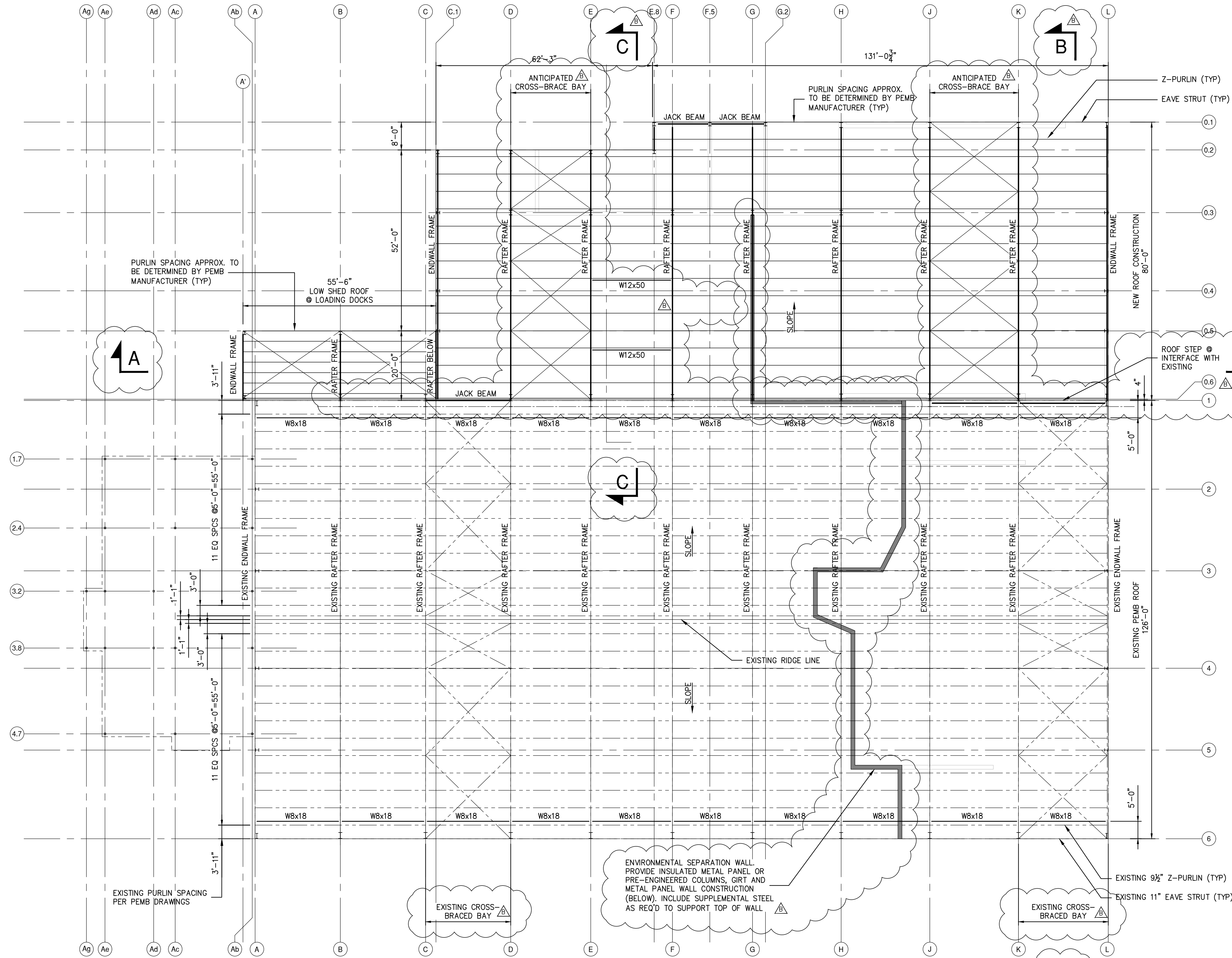
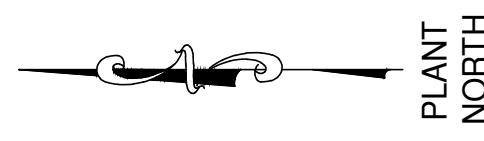
ARCHITECTURE  
PLANNING  
DESIGN  
GROUP  
INTERIORS



<b>RRT Engineering, LLC</b> An Affiliate of Enviro-Services & Constructors, Inc. NY COA # 0017967	
<b>ROCKLAND GREEN</b> MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS 420 TORNE VALLEY ROAD, HILLBURN, NY 10931	
<b>SITE RETAINING WALL PLAN &amp; SECTIONS</b>	
REV B DESCRIPTION: REVISED FOR RFP ADDENDUM 6 DATE: 7/23/21 BY: MF/NE CHK: MF/NE	PROJ. No: 499-010 SCALE: AS NOTED DWG. NO: S-204 CAD FILE: 499-010 S-200.dwg SHEET SIZE: D-24x36
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**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Melville, N.Y. 11747  
ph: 631-756-1060  
fax: 631-756-1064



### OVERALL ROOF FRAMING PLAN

SCALE: 1/8"=1'-0"

- NOTES:
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  - EXISTING INFORMATION SHOWN IS TAKEN FROM DRAWINGS PROVIDED FOR "FACILITY AND SYSTEM EXPANSION, MATERIAL RECOVERY FACILITY, ROCKLAND COUNTY, NEW YORK", BY MAGUIRE GROUP, ARCHITECTS/ENGINEERS/PLANNERS P.C. LTD. DATED JUNE 13, 1997.
  - FIELD VERIFY EXISTING STRUCTURES BEFORE PROCEEDING WITH FABRICATION OR DEMOLITION. NOTIFY ENGINEER IMMEDIATELY OF ANY OBSERVED DISCREPANCIES.
  - LOCATE UTILITIES PRIOR TO DEMOLITION OR ERECTION.
  - CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ADJACENT STRUCTURES DURING DEMOLITION OR ERECTION.
  - PEMB ROOF STRUCTURE SHALL BE CONSTRUCTED UTILIZING ONE OF THE FOLLOWING METHODS:
    - METHOD 1 SHALL BE A STAND-ALONE STRUCTURE UTILIZING NEW COLUMNS AT GRID LINE 0.6. COLUMNS SHALL BEAR ON CONCRETE PIERS WITH T/CONC. AT FINISHED FLOOR ELEVATION OR T/CONC MATCHING TOP OF WALL ELEVATION (SEE FOUNDATION PLAN).
    - METHOD 2 SHALL UTILIZE THE EXISTING BUILDING COLUMNS AT GRID LINE 1 FOR SUPPORT. COLUMNS SHALL BE ASSUMED TO BE REINFORCED PER SECTIONS & DETAILS FOR BIDDING PURPOSES. EVALUATION OF EXISTING STRUCTURE AND REINFORCEMENT REQUIREMENTS SHALL BE PROVIDED BY PEMB MANUFACTURER OR THIRD PARTY ENGINEER.

ENVIRONMENTAL SEPARATION WALL  
 PROVIDE INSULATED METAL PANEL OR  
 PRE-ENGINEERED COLUMNS, GIRT AND  
 METAL PANEL WALL CONSTRUCTION  
 (BELOW). INCLUDE SUPPLEMENTAL STEEL  
 AS REQ'D TO SUPPORT TOP OF WALL



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 ARCHITECTURE  
 PLANNING  
 INTERIORS  
 25 WALL KILL AVE. • MONROESVILLE • NY 12548  
 518-784-7874

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 NY COA # 0017967

**Rockland Green**  
 ROCKLAND GREEN  
 MATERIALS RECOVERY FACILITY,  
 FACILITY IMPROVEMENTS  
 420 TORNE VALLEY ROAD, HILLBURN, NY 10931

### OVERALL ROOF FRAMING PLAN

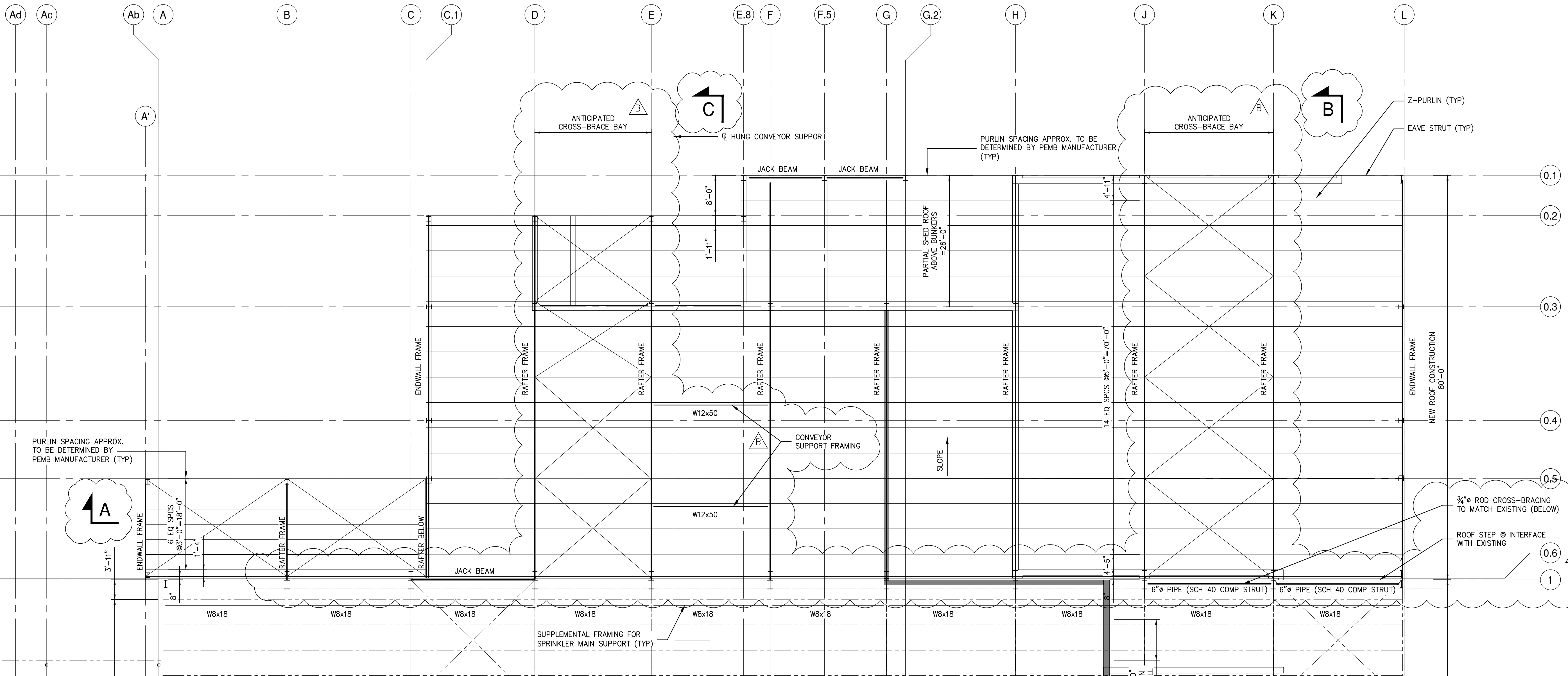
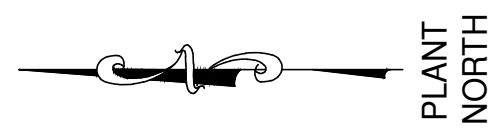
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B	REVISED FOR RFP ADDENDUM 6	7/23/21	MF	NE
A	ISSUED FOR RFP	7/6/21	MF	NE

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MF	NE	MF	MF	MF	5/6/21	499-010	AS NOTED

**RRT Engineering, LLC**  
 1 Huntington Quadrangle, 3501  
 Melville, N.Y. 11747  
 ph: 631-756-1060  
 fax: 631-756-1064

DWG. NO: **S-210**  
 CAD FILE: 499-010 S-210.dwg  
 SHEET SIZE: D-24x36



**PARTIAL ROOF FRAMING PLAN**

SCALE: 1/8" = 1'-0"

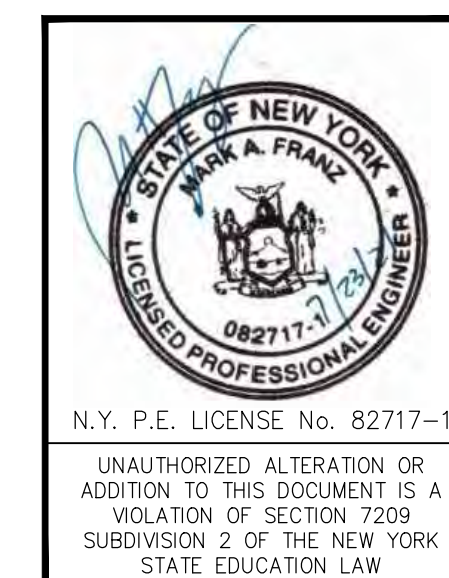
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**STERLING**  
Sterling Environmental Engineering, P.C.

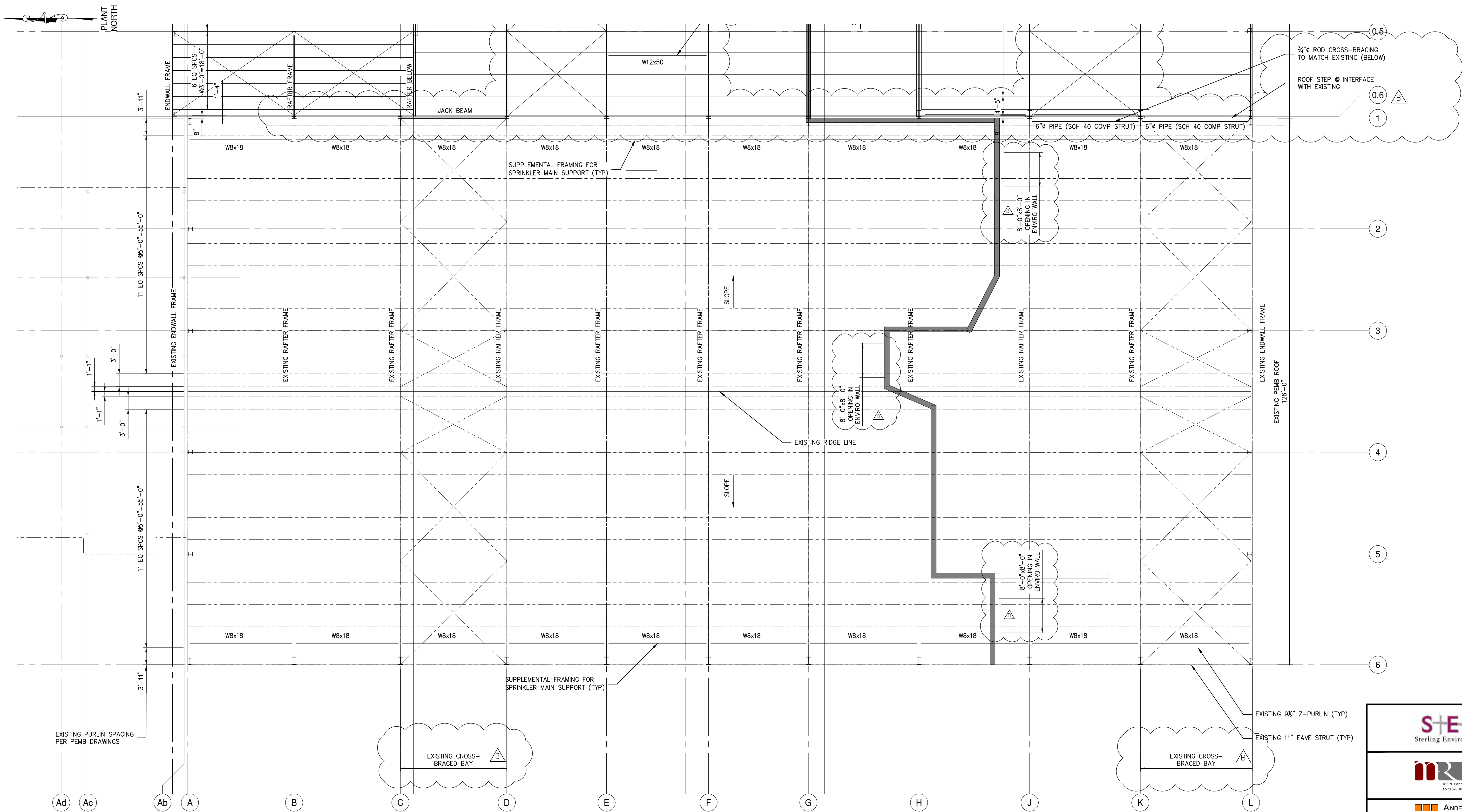
**martinrogers**  
ENGINEERING CONSULTANTS  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
1-717-851-1000 | 1-717-851-0988 | www.mrtg.com

ANDERSON DESIGN GROUP  
ARCHITECTURE PLANNING INTERIORS



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<p><b>ROCKLAND GREEN</b> MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS 420 TORNE VALLEY ROAD, HILLBURN, NY 10931</p>																								
<p><b>PARTIAL ROOF FRAMING PLAN</b></p>																								
<table border="1"> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DATE</th> <th>BY</th> <th>CHK</th> </tr> <tr> <td>B</td> <td>REVISED FOR RFP ADDENDUM 6</td> <td>7/23/21</td> <td>MF</td> <td>NE</td> </tr> <tr> <td>A</td> <td>ISSUED FOR RFP</td> <td>7/6/21</td> <td>MF</td> <td>NE</td> </tr> </table>	REV	DESCRIPTION	DATE	BY	CHK	B	REVISED FOR RFP ADDENDUM 6	7/23/21	MF	NE	A	ISSUED FOR RFP	7/6/21	MF	NE	<table border="1"> <tr> <td>PROJ. No: 499-010</td> <td>SCALE: AS NOTED</td> </tr> <tr> <td>DWG. No: S-211</td> <td></td> </tr> <tr> <td>CAD FILE: 499-010 S-210.dwg</td> <td></td> </tr> <tr> <td>SHEET SIZE: D-24x36</td> <td></td> </tr> </table>	PROJ. No: 499-010	SCALE: AS NOTED	DWG. No: S-211		CAD FILE: 499-010 S-210.dwg		SHEET SIZE: D-24x36	
REV	DESCRIPTION	DATE	BY	CHK																				
B	REVISED FOR RFP ADDENDUM 6	7/23/21	MF	NE																				
A	ISSUED FOR RFP	7/6/21	MF	NE																				
PROJ. No: 499-010	SCALE: AS NOTED																							
DWG. No: S-211																								
CAD FILE: 499-010 S-210.dwg																								
SHEET SIZE: D-24x36																								
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NOT FOR CONSTRUCTION



**PARTIAL ROOF FRAMING PLAN**

SCALE: 1/8" = 1'-0"

NOTES:

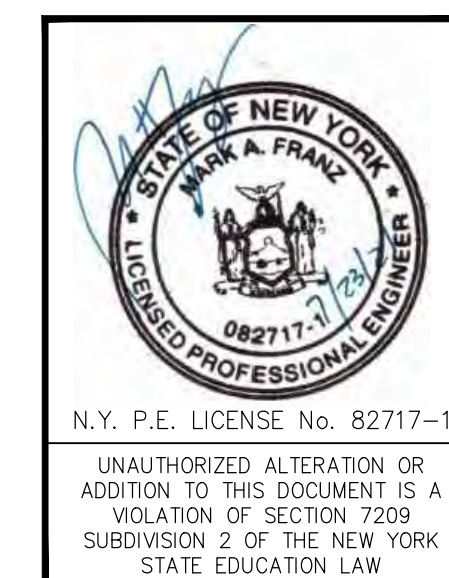
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Sterling Environmental Engineering, P.C.

**martinrogers**  
ENGINEERING CONSULTANTS  
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**ANDERSON DESIGN GROUP** ARCHITECTURE  
PLANNING  
INTERIORS



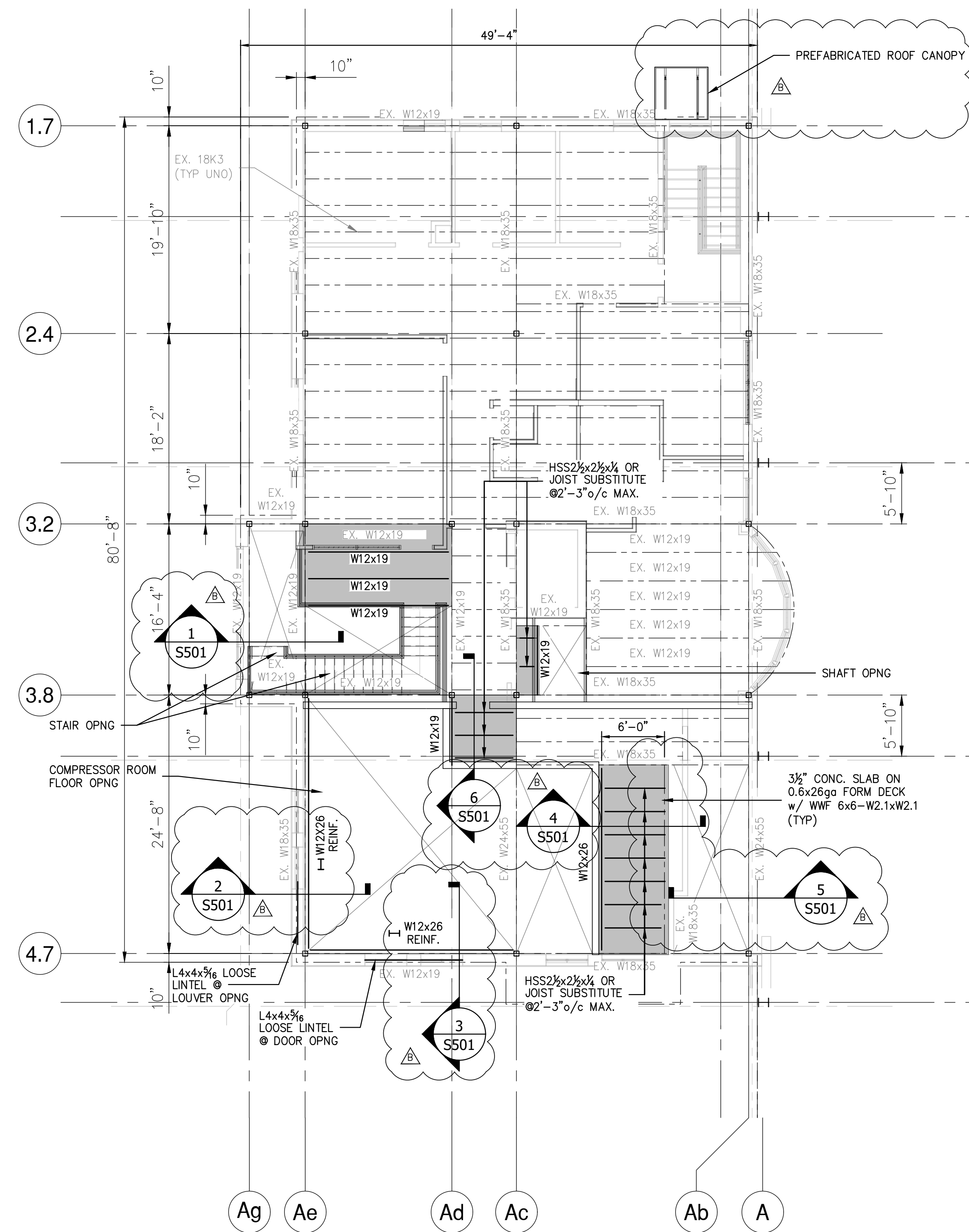
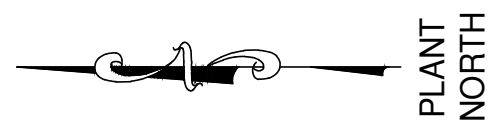
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A	ISSUED FOR RFP	7/6/21	MF	MFNE

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NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN  
MATERIALS RECOVERY FACILITY,  
FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

DRAWN	CHECKED	DESIGNED	APPROVED	BY	DATE	PROJ. No:	SCALE:
MF	NE	MF	MF	MF	5/6/21	499-010	AS NOTED
					5/6/21		

DWG. NO: S-212  
CAD FILE: 499-010 S-210.dwg  
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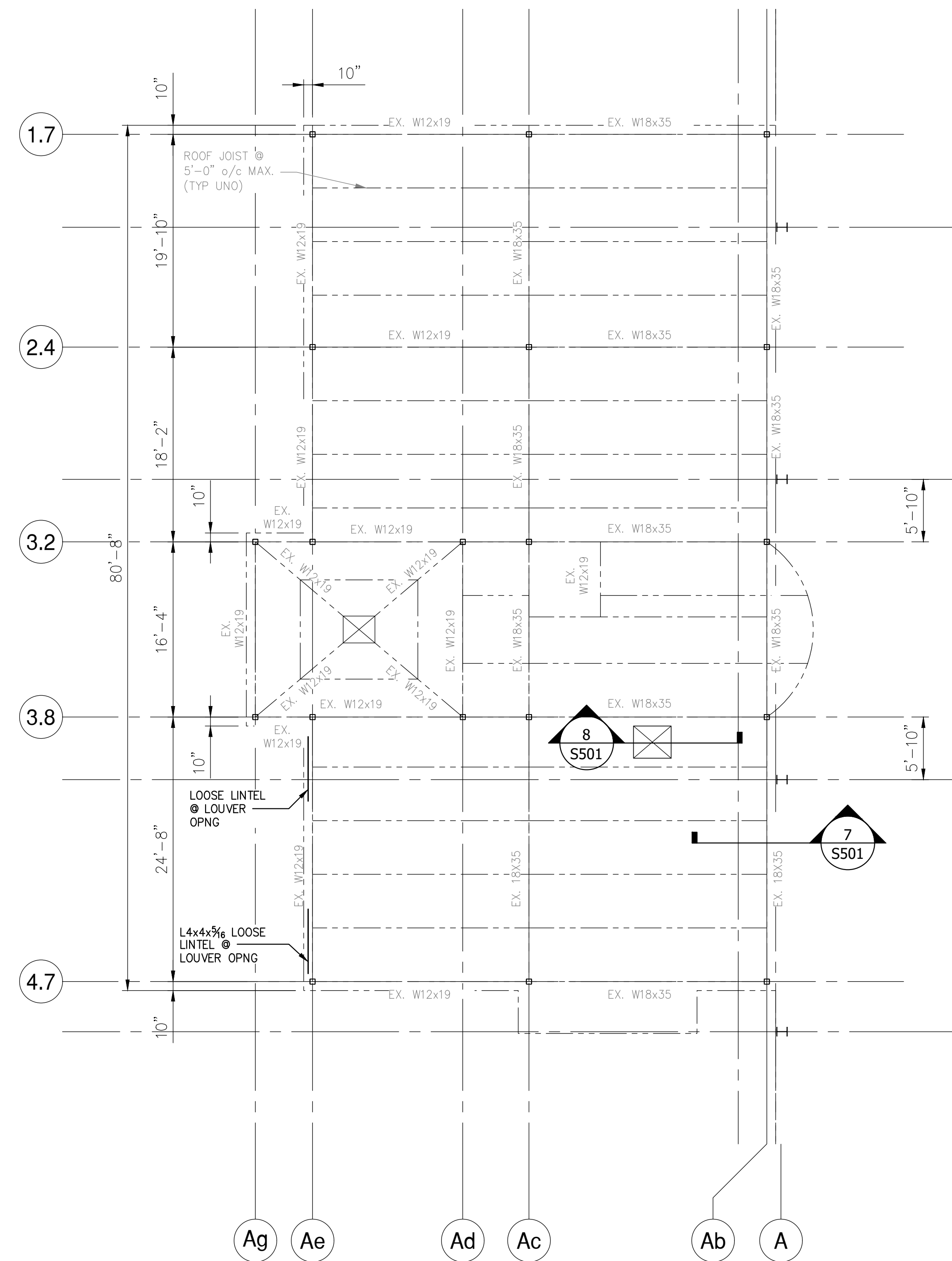
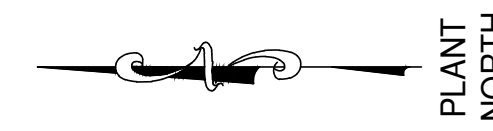


**2nd FLOOR FRAMING PLAN**

SCALE: 1/8"=1'-0"

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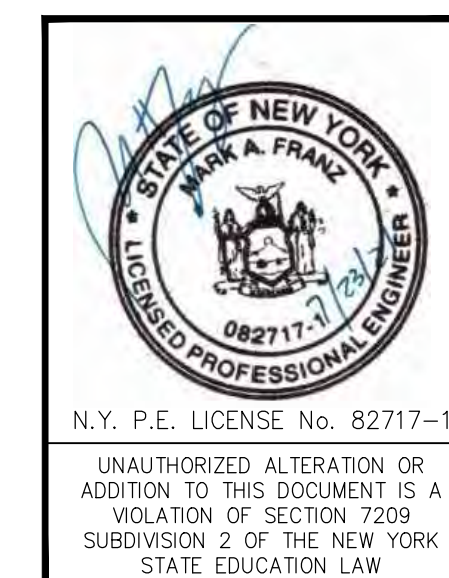
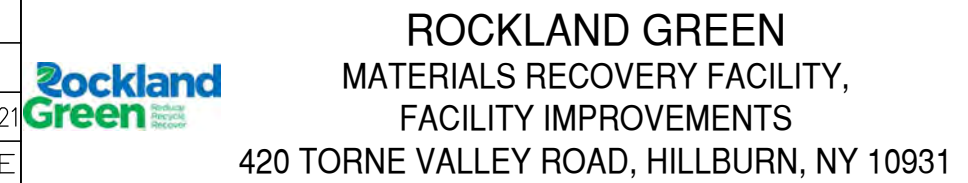
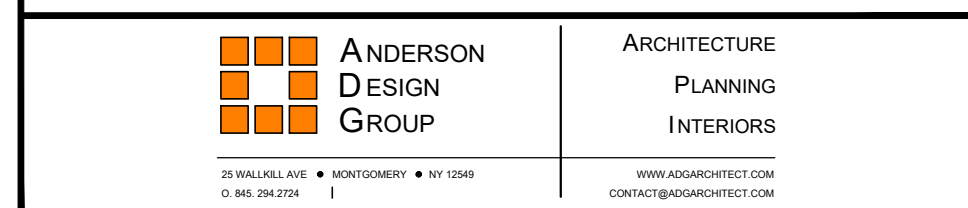
**PARTIAL ROOF FRAMING PLAN**

SCALE: 1/8"=1'-0"

**NOTES:**

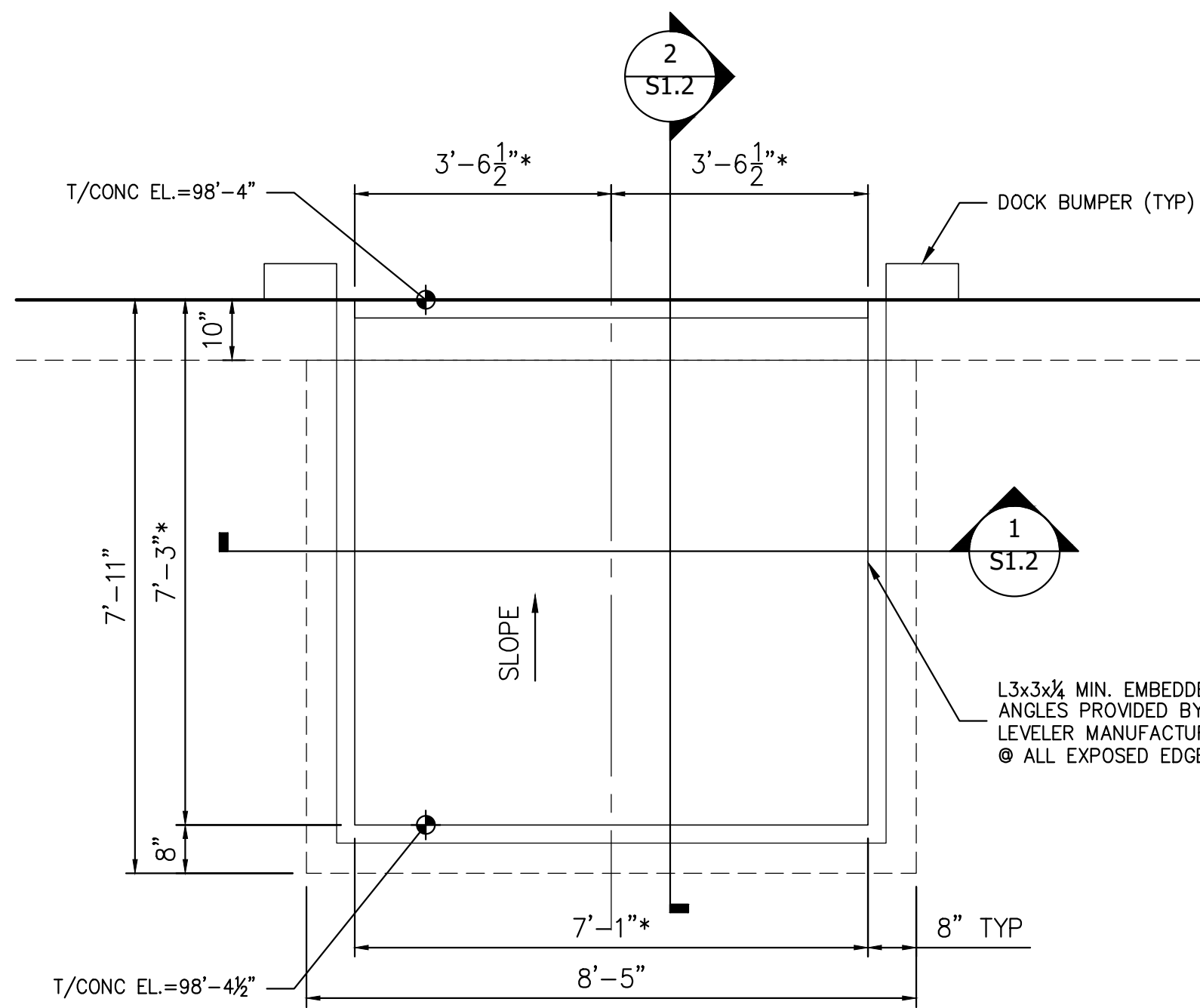
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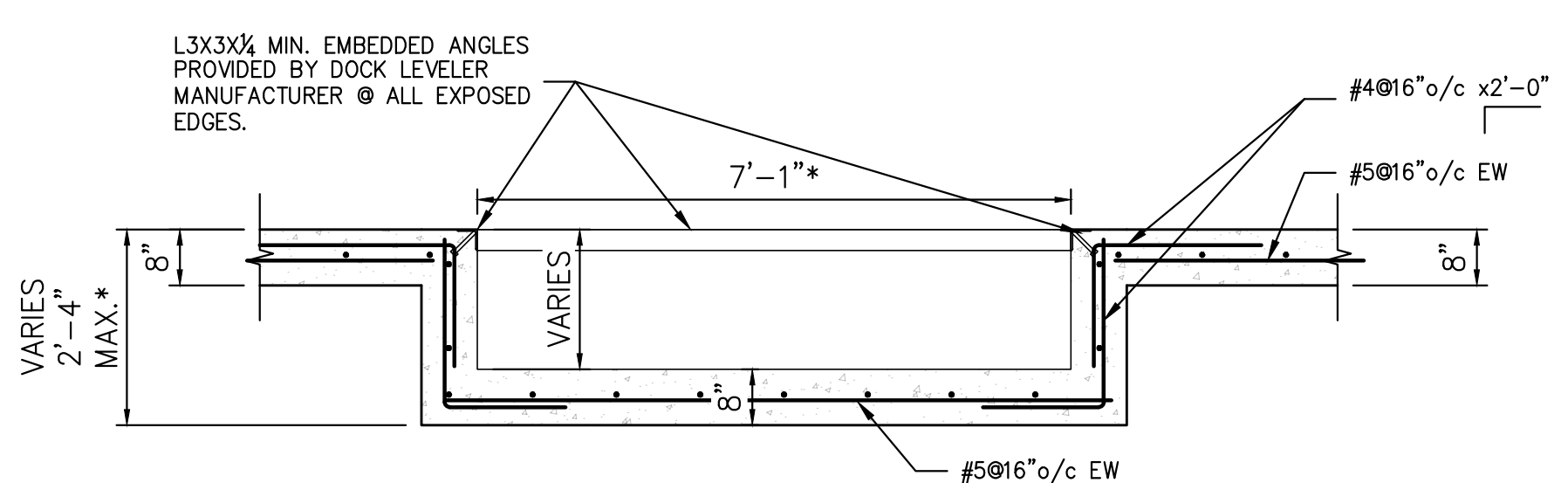
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DRAWN	BY	DATE
CHECKED	NE	5/6/21
DESIGNED	MF	5/6/21
APPROVED		



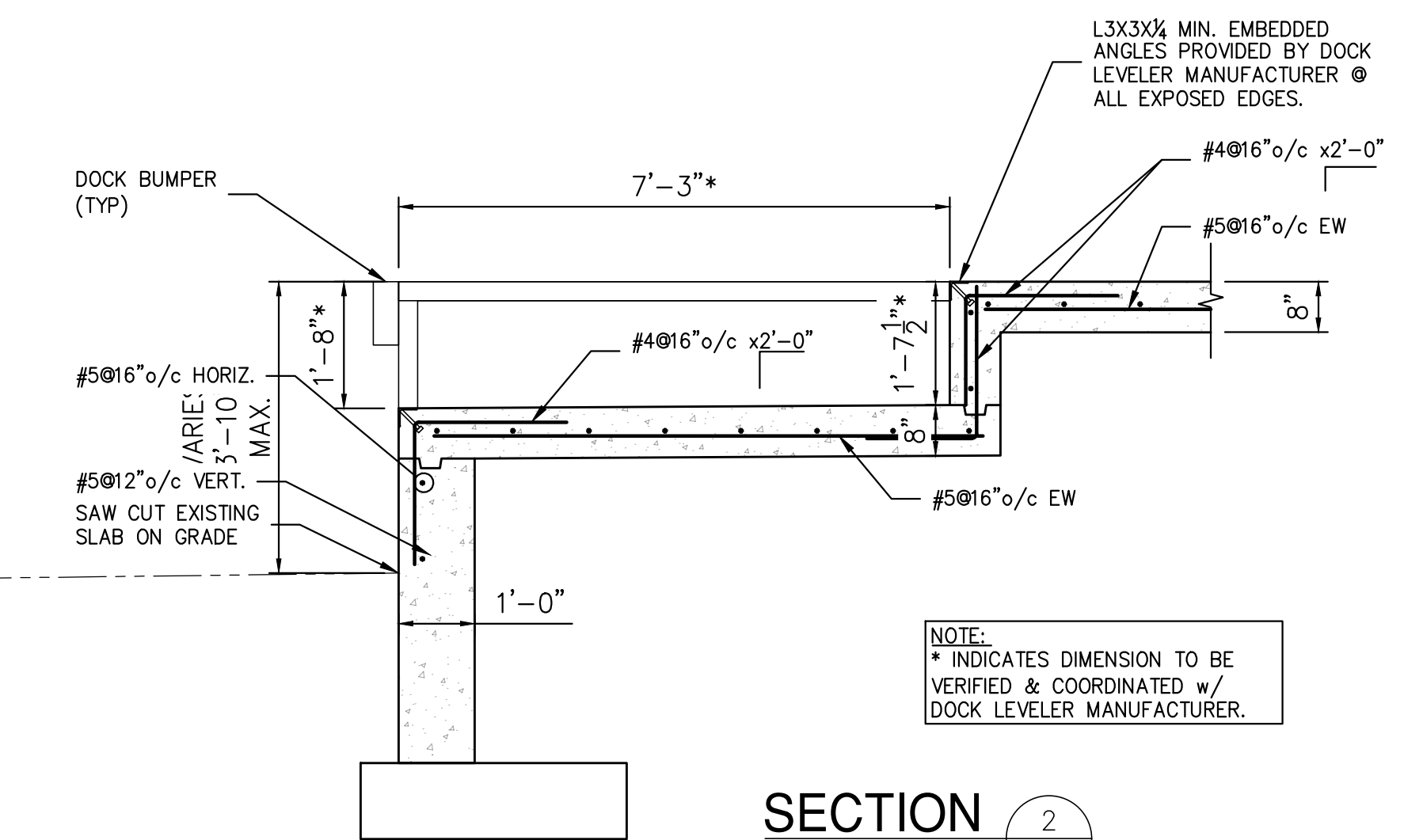


**DOCK LEVELER PIT PLAN**  
SCALE: 1/2"=1'-0"

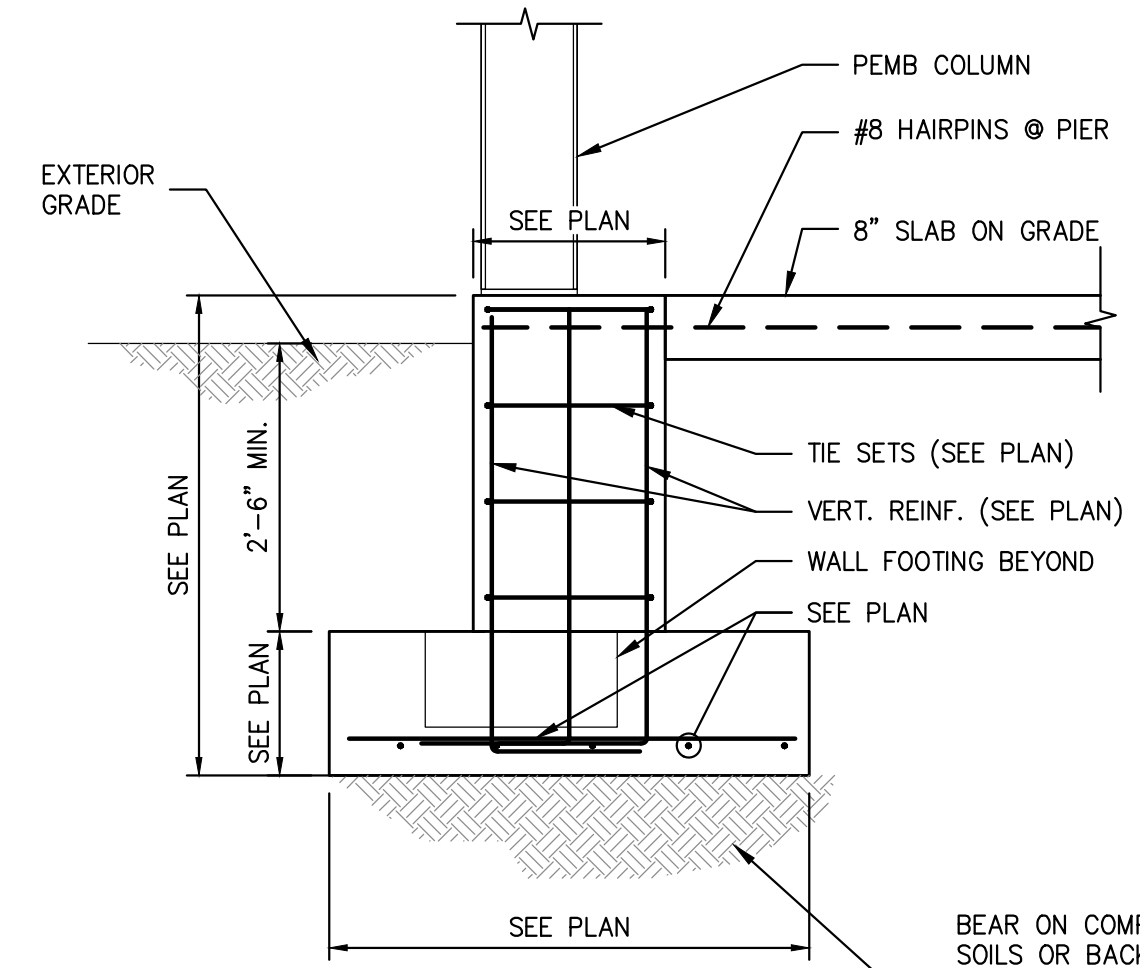
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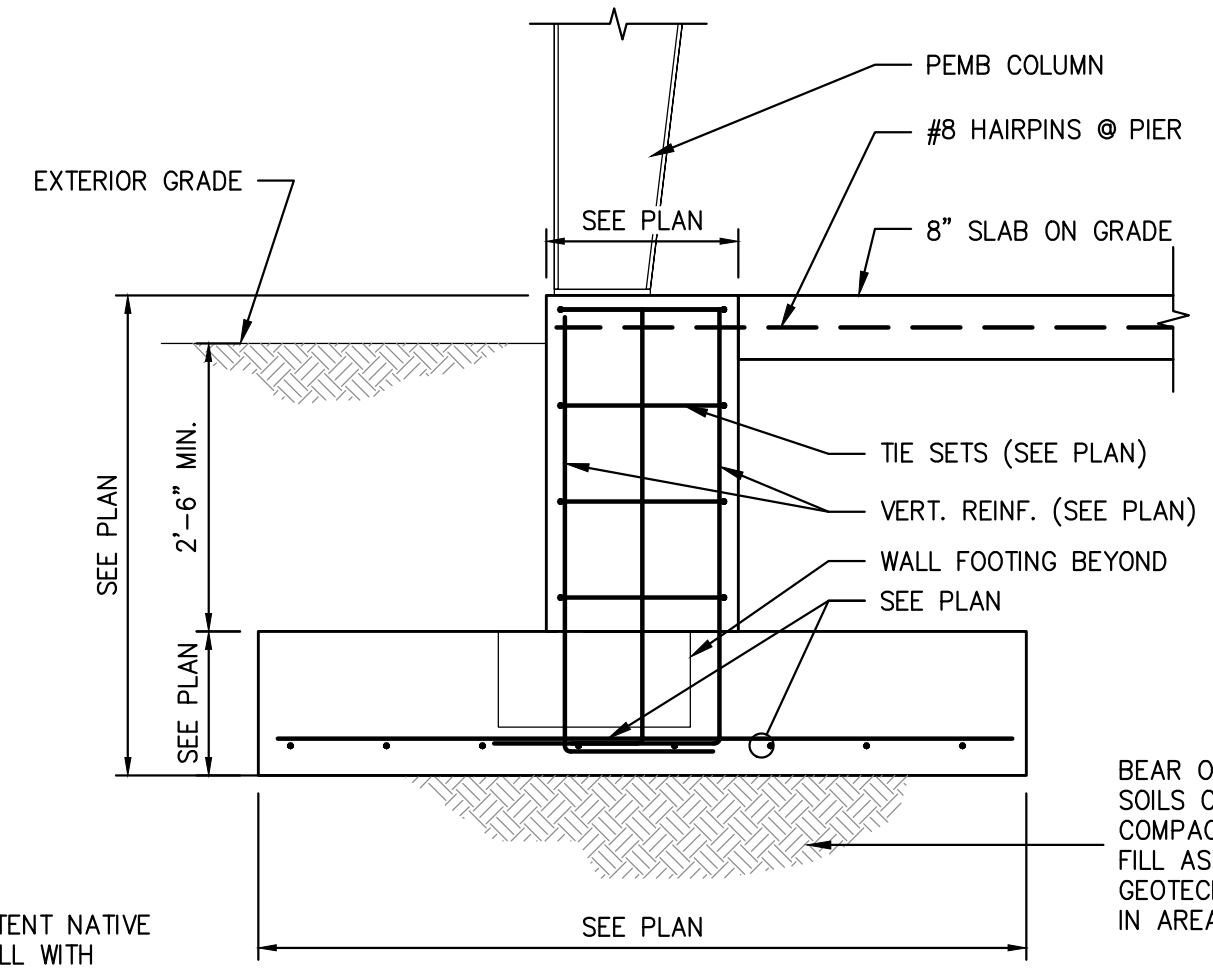
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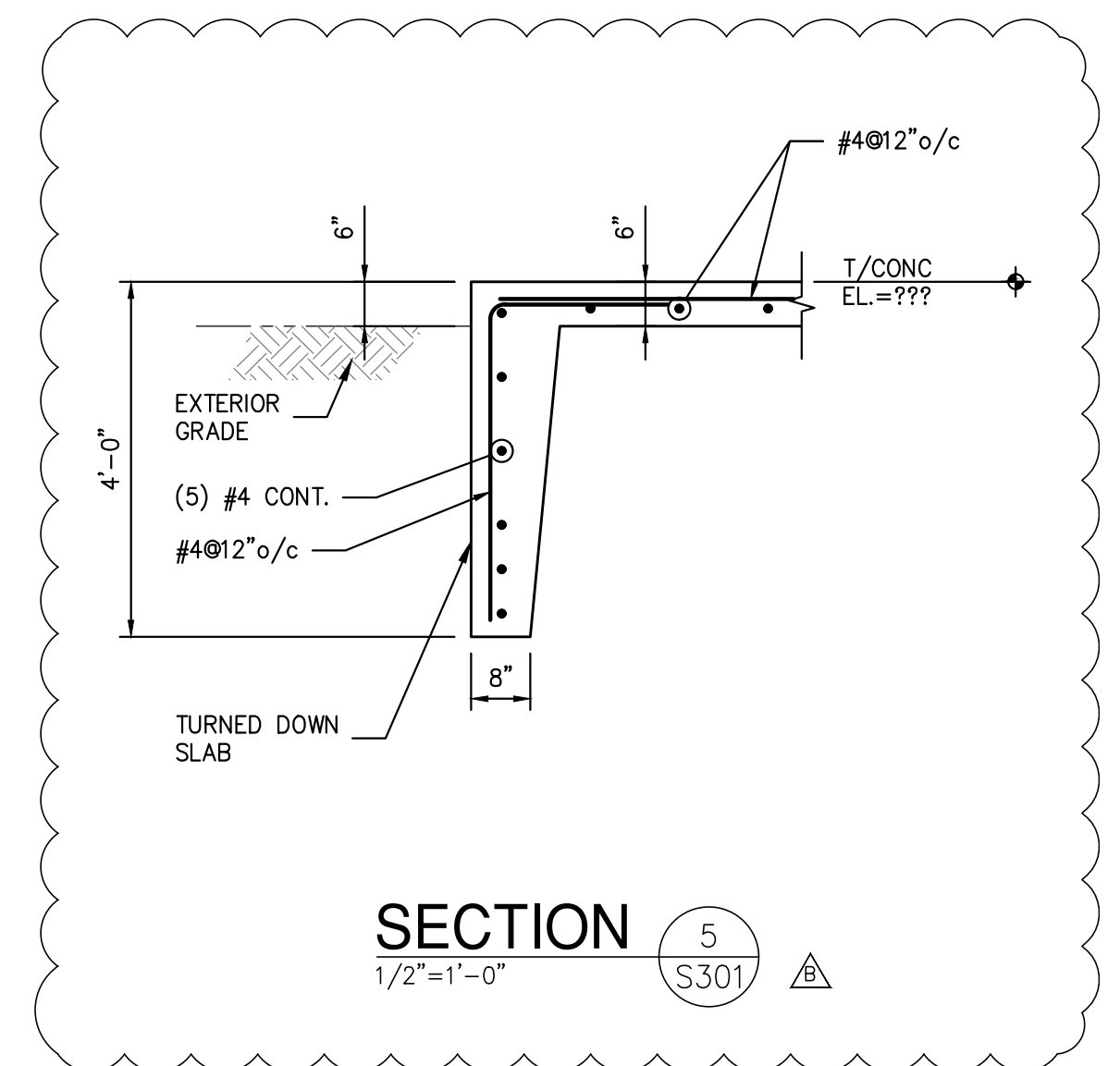
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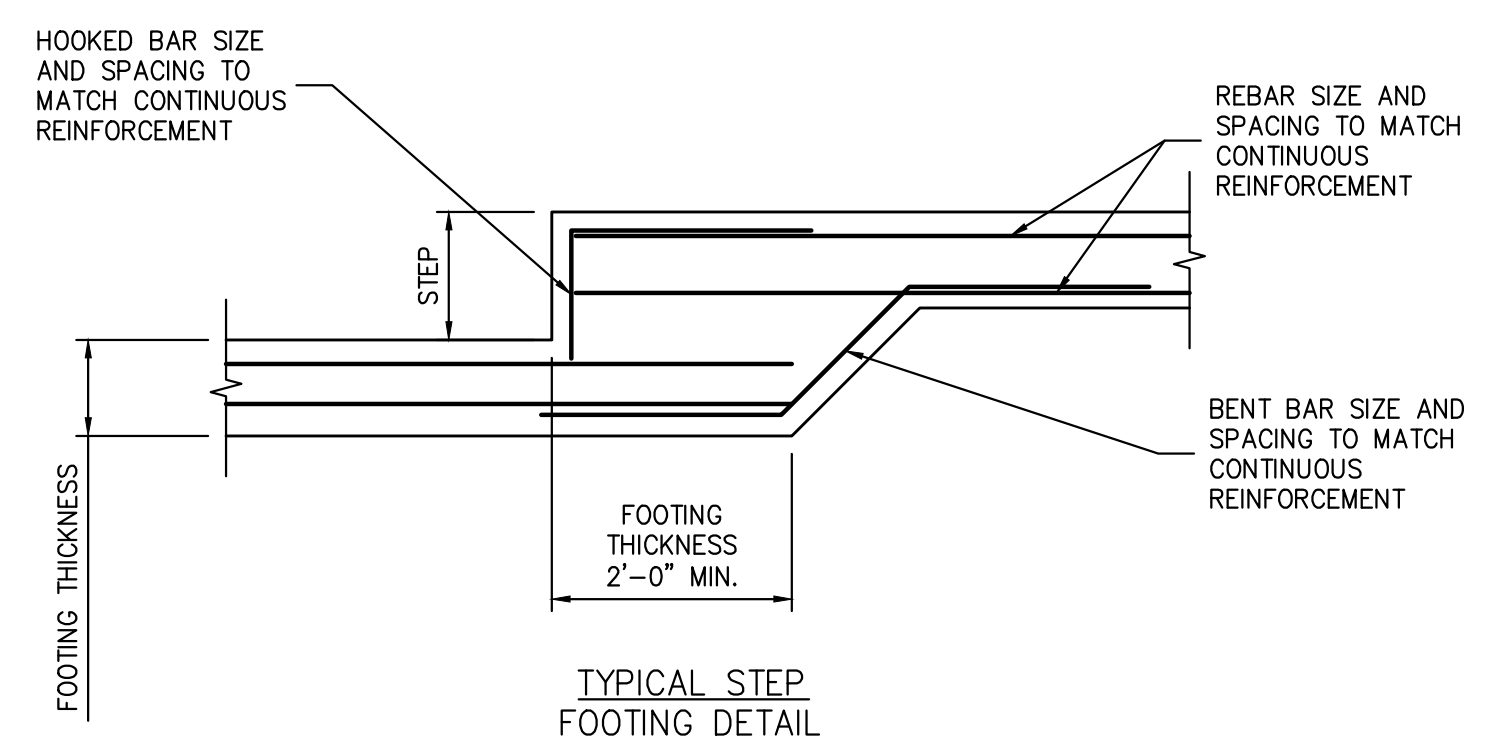
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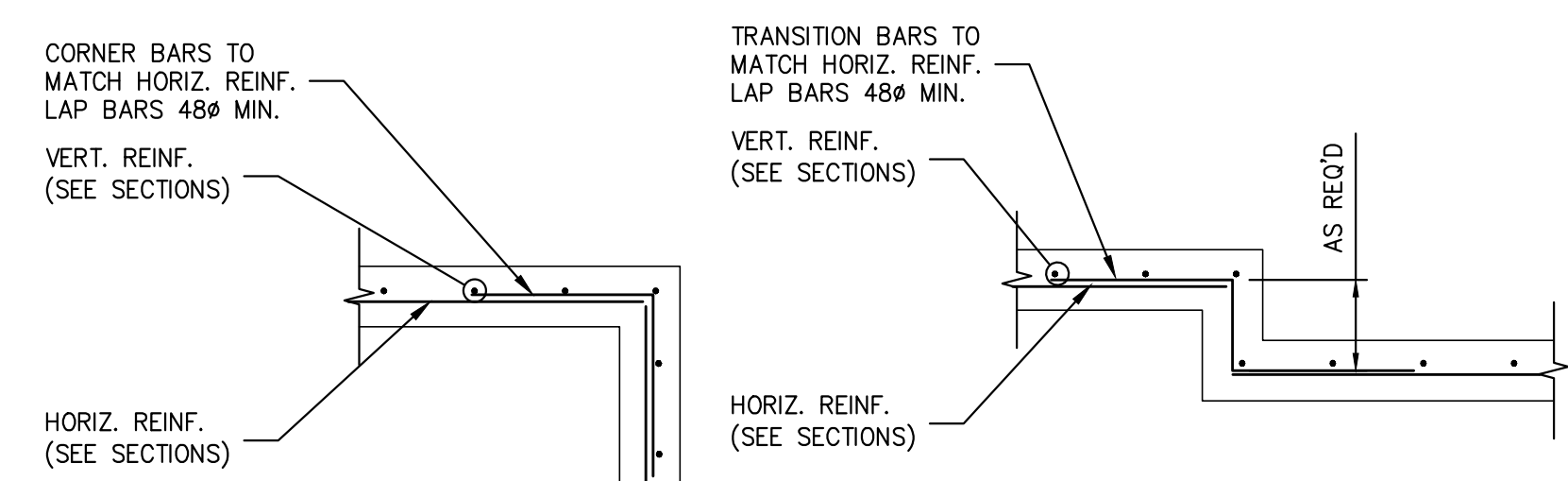
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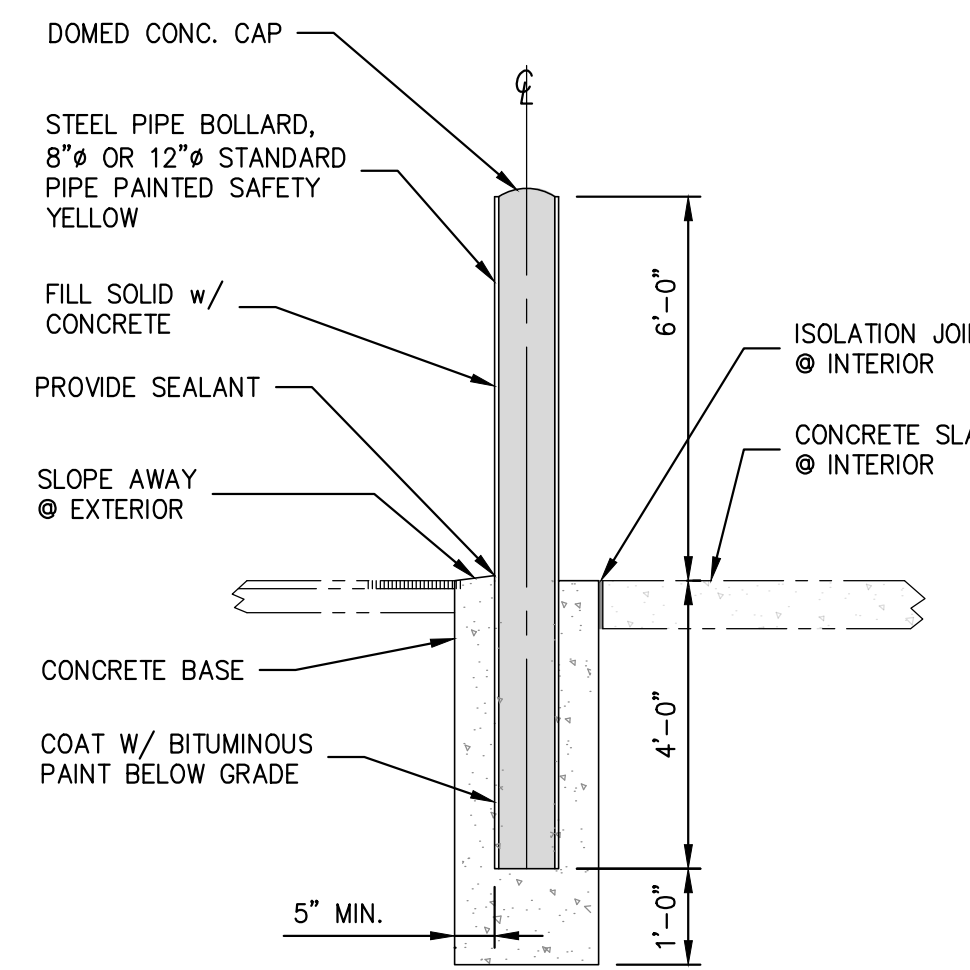
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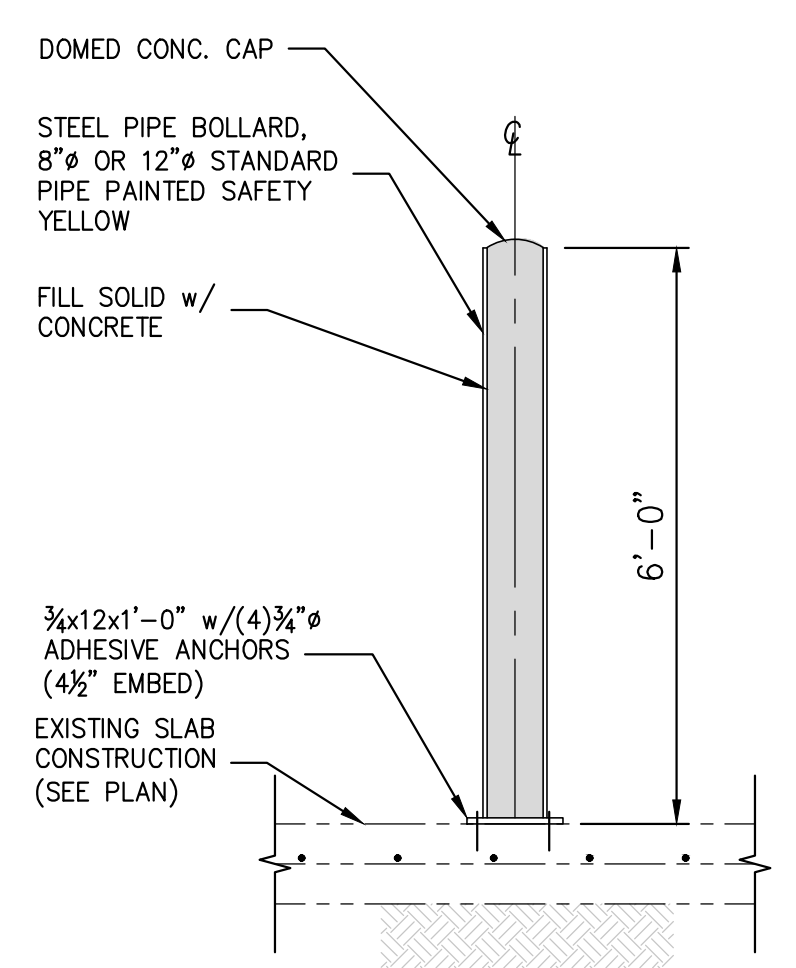
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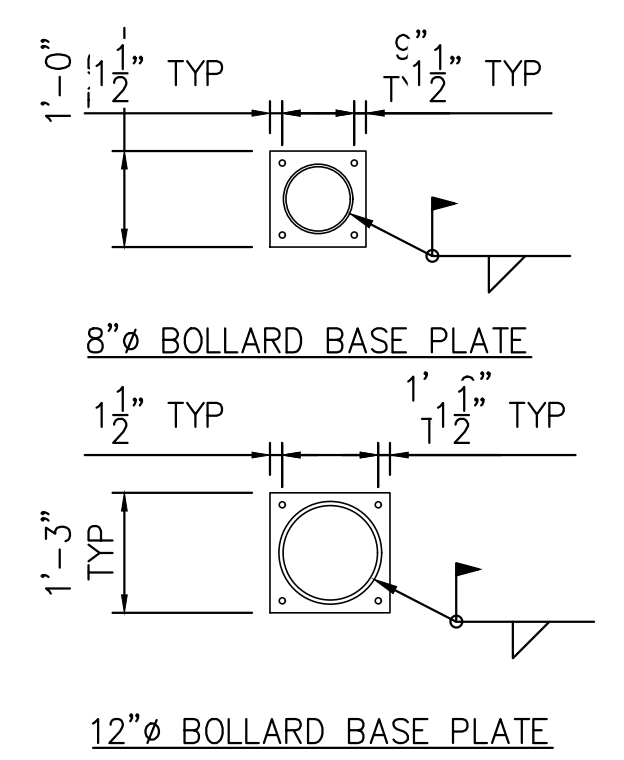
**TYPICAL CORNER WALL TRANSITION DETAIL**



**TYPICAL BOLLARD DETAIL (NEW CONSTRUCTION & EXTERIOR)**



**TYPICAL BOLLARD DETAIL (EXISTING INTERIOR CONSTRUCTION)**



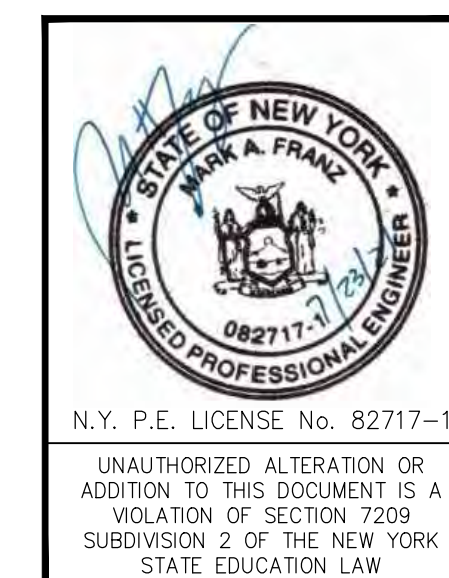
**PIT EDGE DETAIL**

NOT FOR CONSTRUCTION

**STERLING**  
Sterling Environmental Engineering, P.C.

**martin rogers**  
ENGINEERING CONSULTANTS  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
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ANDERSON DESIGN GROUP ARCHITECTURE  
PLANNING INTERIORS



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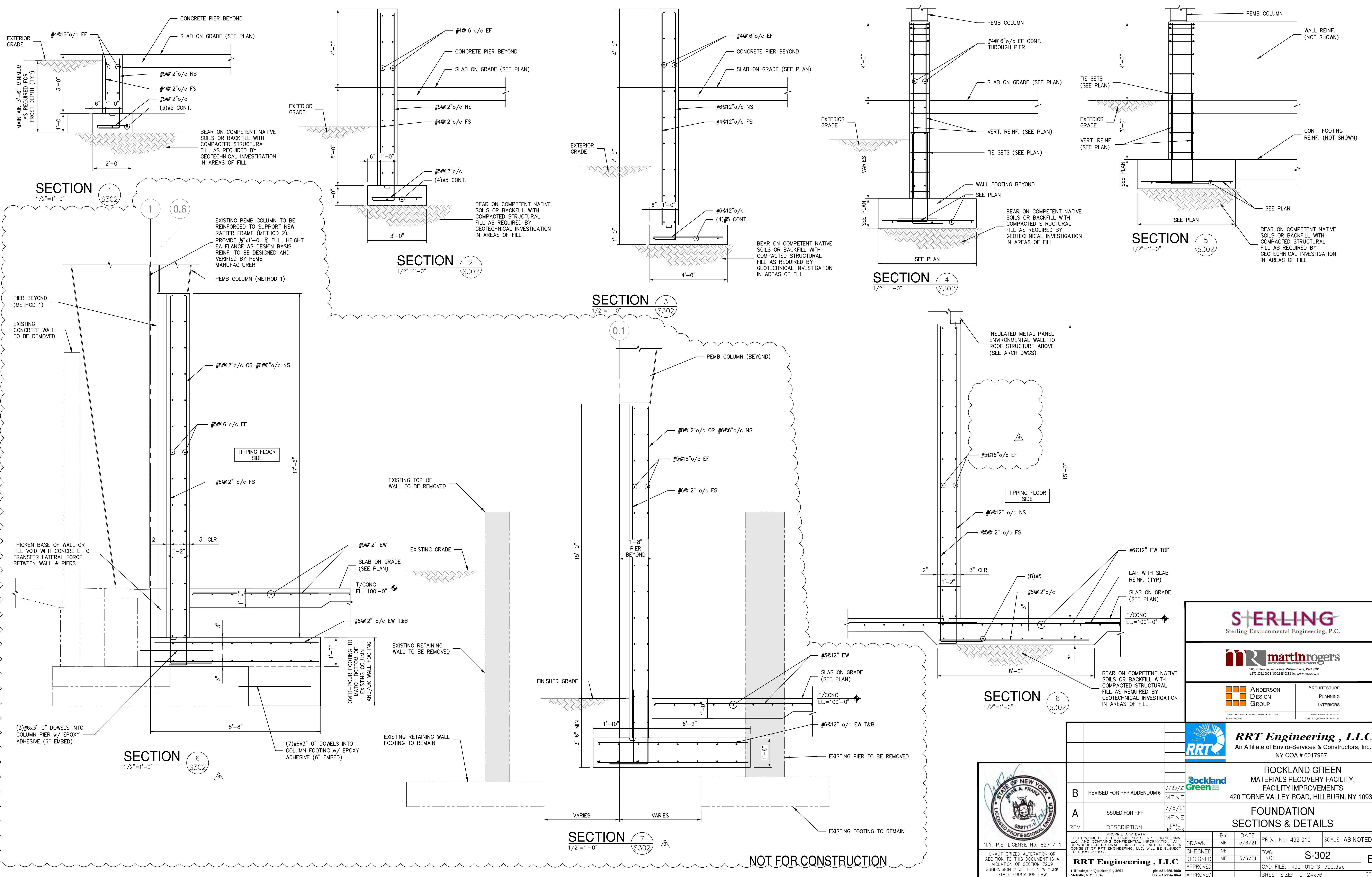
**ROCKLAND GREEN**  
MATERIALS RECOVERY FACILITY,  
FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**FOUNDATION SECTIONS & DETAILS**

DRAWN	MF	DATE	5/6/21	PROJ. No:	499-010	SCALE:	AS NOTED
CHECKED	NE			DWG. NO.:	S-301		
DESIGNED	MF	DATE	5/6/21	CAD FILE:	499-010 S-300.dwg		
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**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Melville, N.Y. 11747  
ph: 631-756-1060  
fax: 631-756-1064



**SECTION 1**  
1/2"=1'-0"

**SECTION 2**  
1/2"=1'-0"

**SECTION 3**  
1/2"=1'-0"

**SECTION 4**  
1/2"=1'-0"

**SECTION 5**  
1/2"=1'-0"

**SECTION 6**  
1/2"=1'-0"

**SECTION 7**  
1/2"=1'-0"

**SECTION 8**  
1/2"=1'-0"

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Sterling Environmental Engineering, P.C.

**martinrogers**  
ENGINEERING CONSULTANTS  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
1-717-851-1000 | 1-717-851-0988 | www.mrogrp.com

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28 WALLACE AVE. • MONROEVILLE • NY 12548  
www.andersondesign.com  
info@andersondesign.com

**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

**ROCKLAND GREEN**  
MATERIALS RECOVERY FACILITY,  
FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

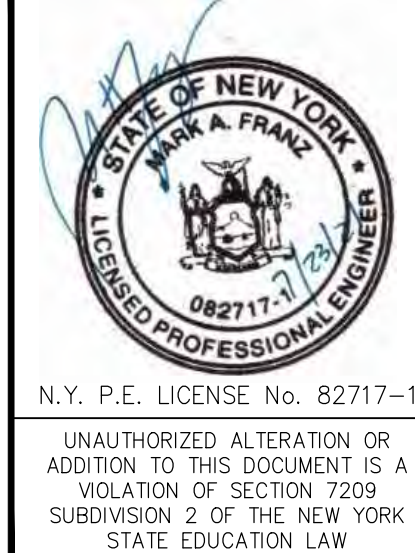
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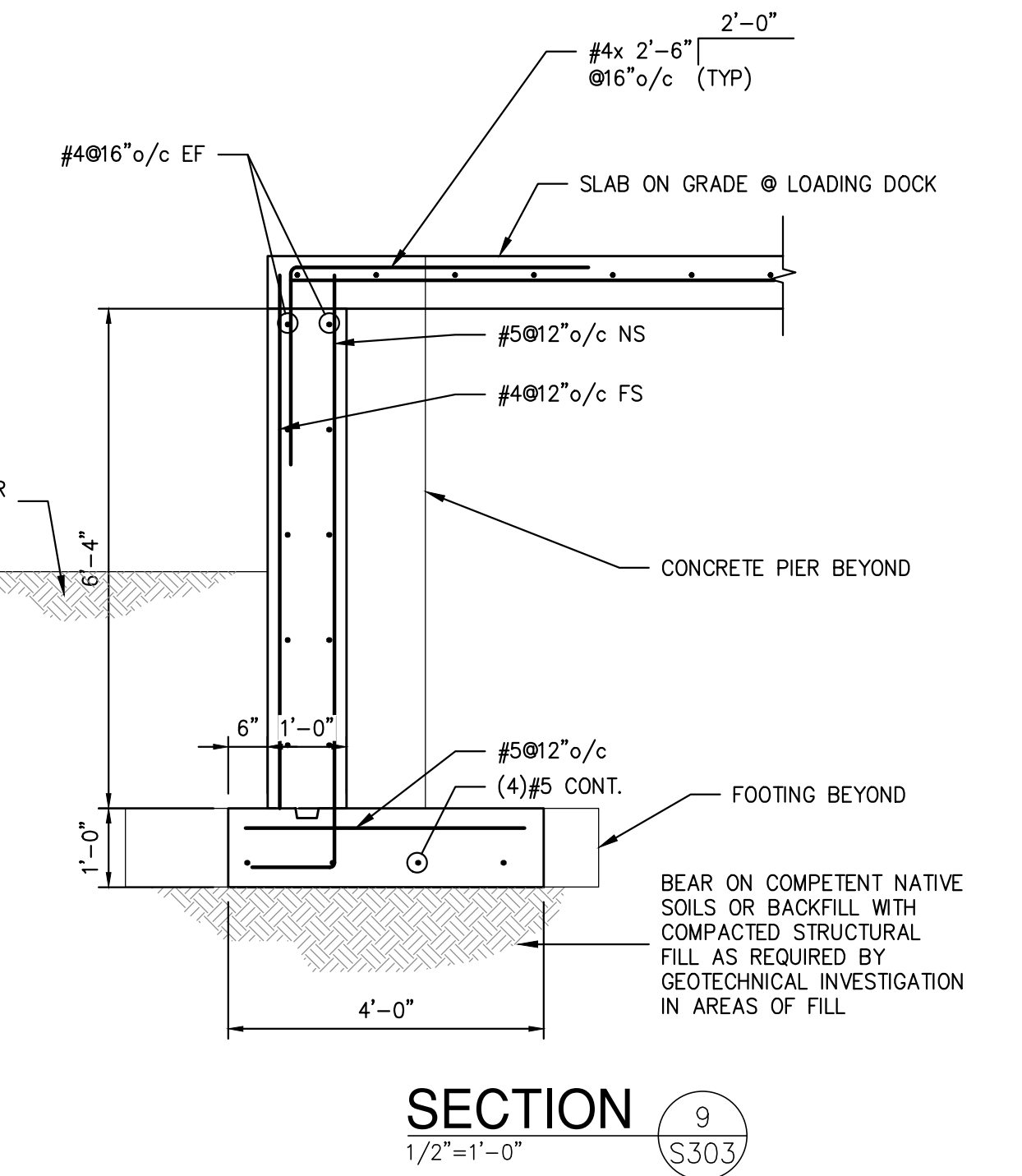
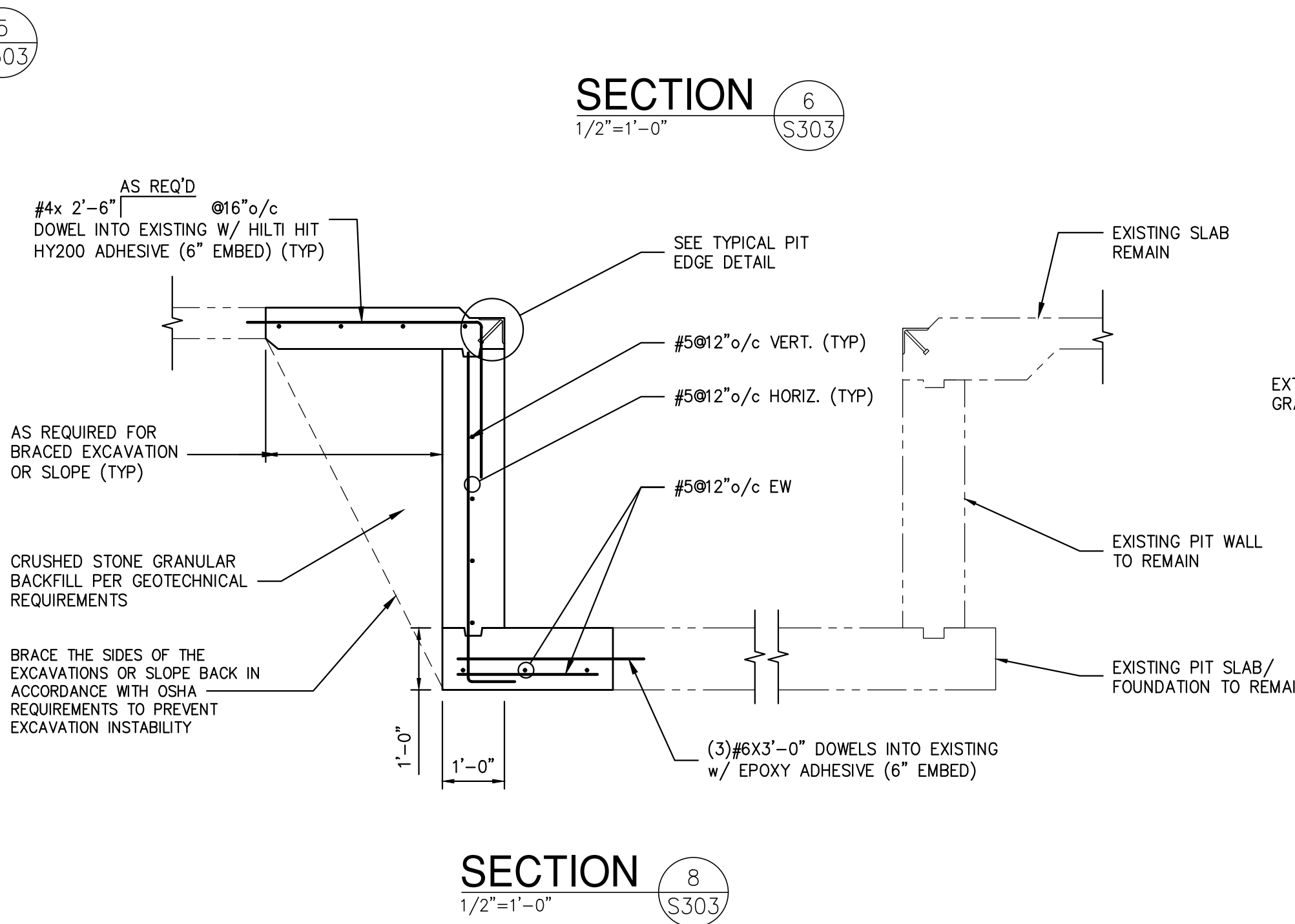
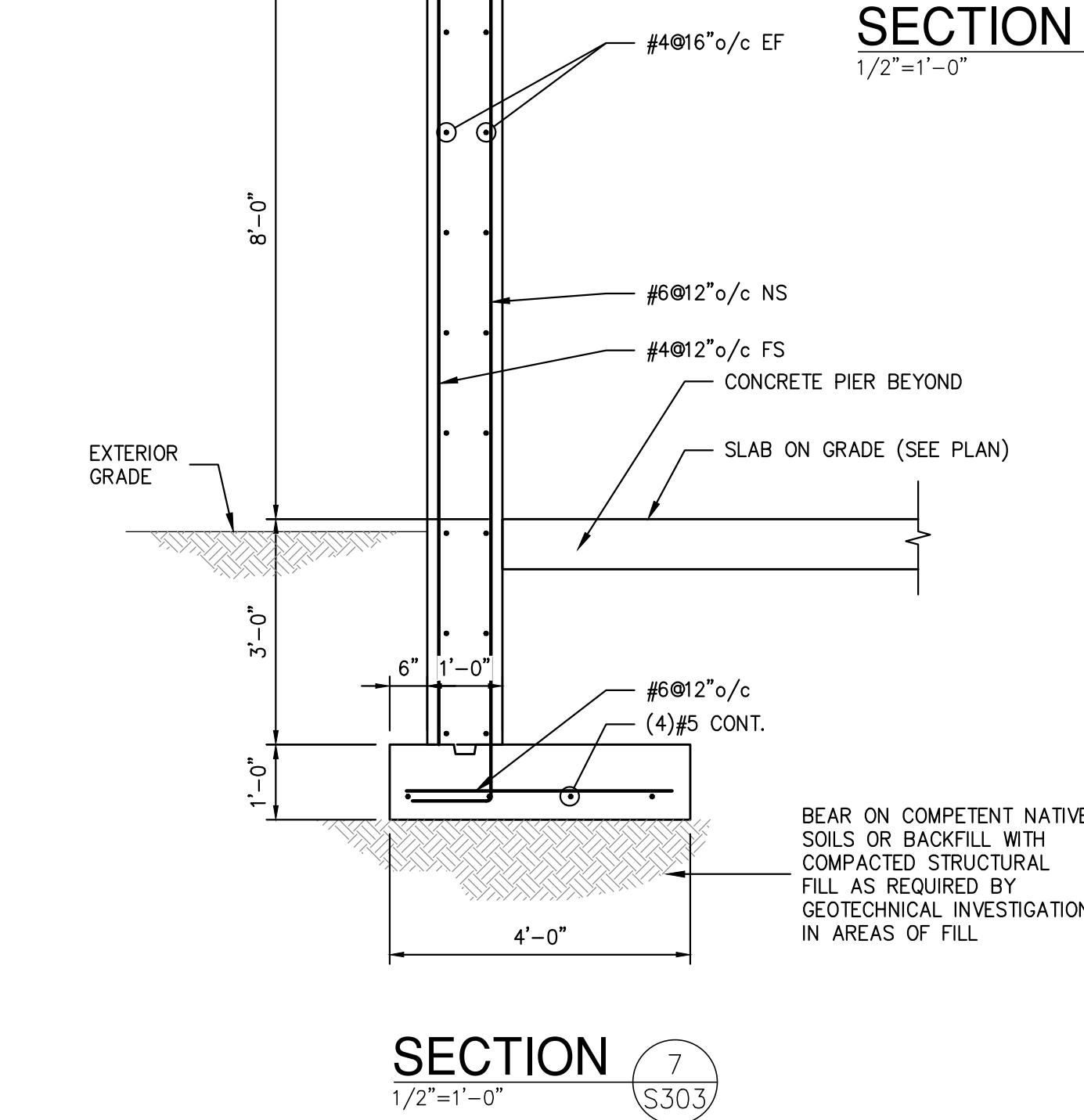
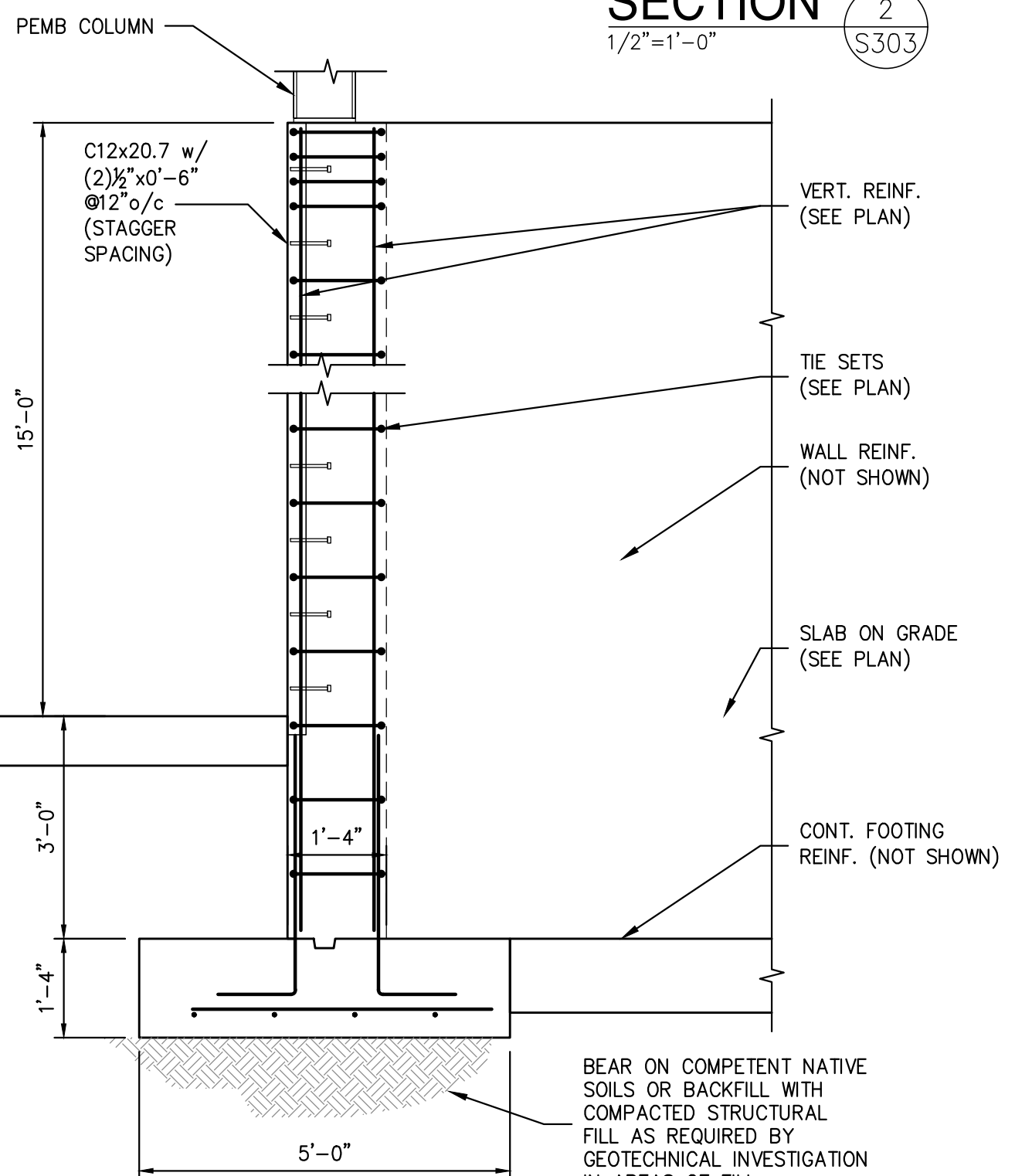
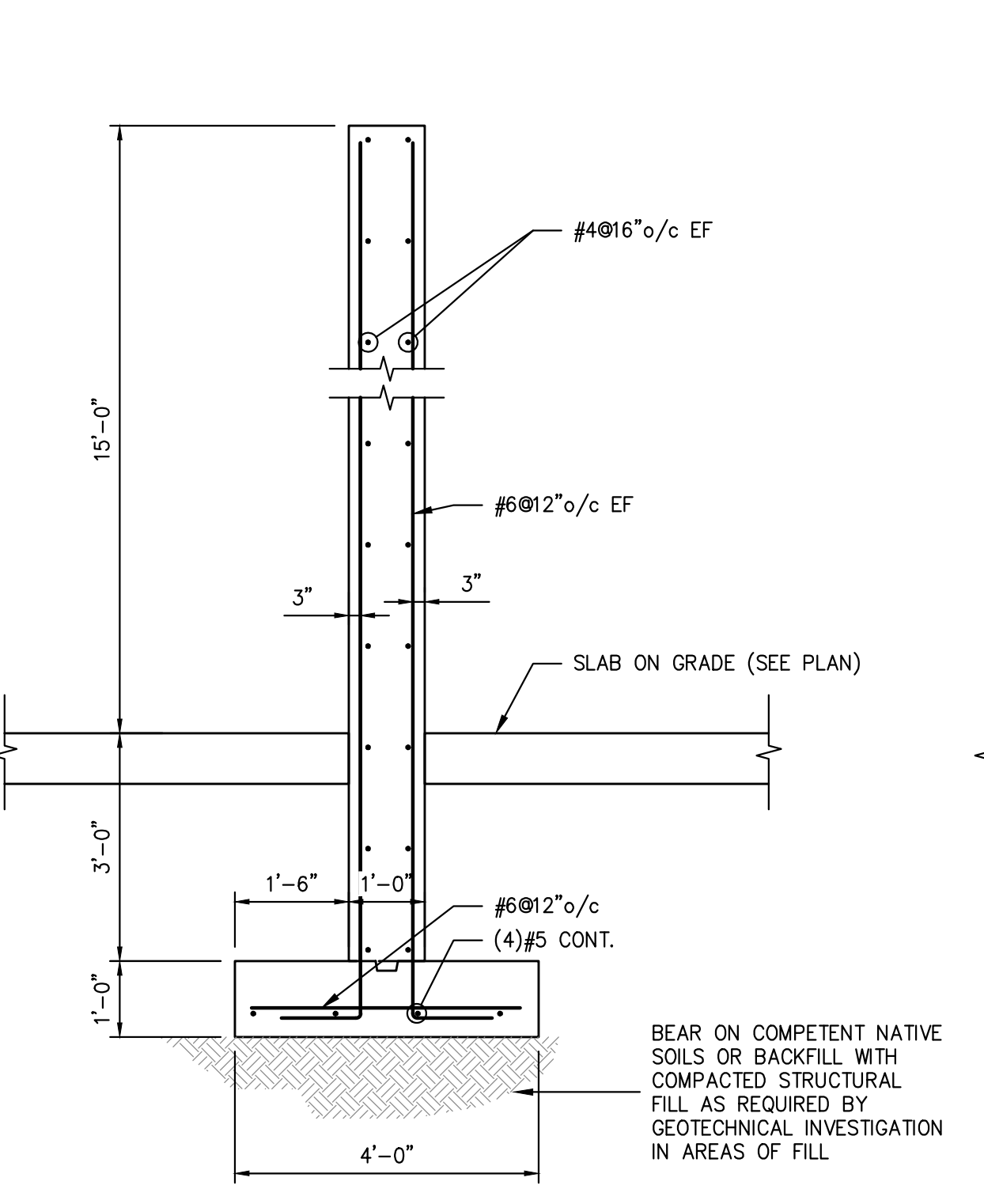
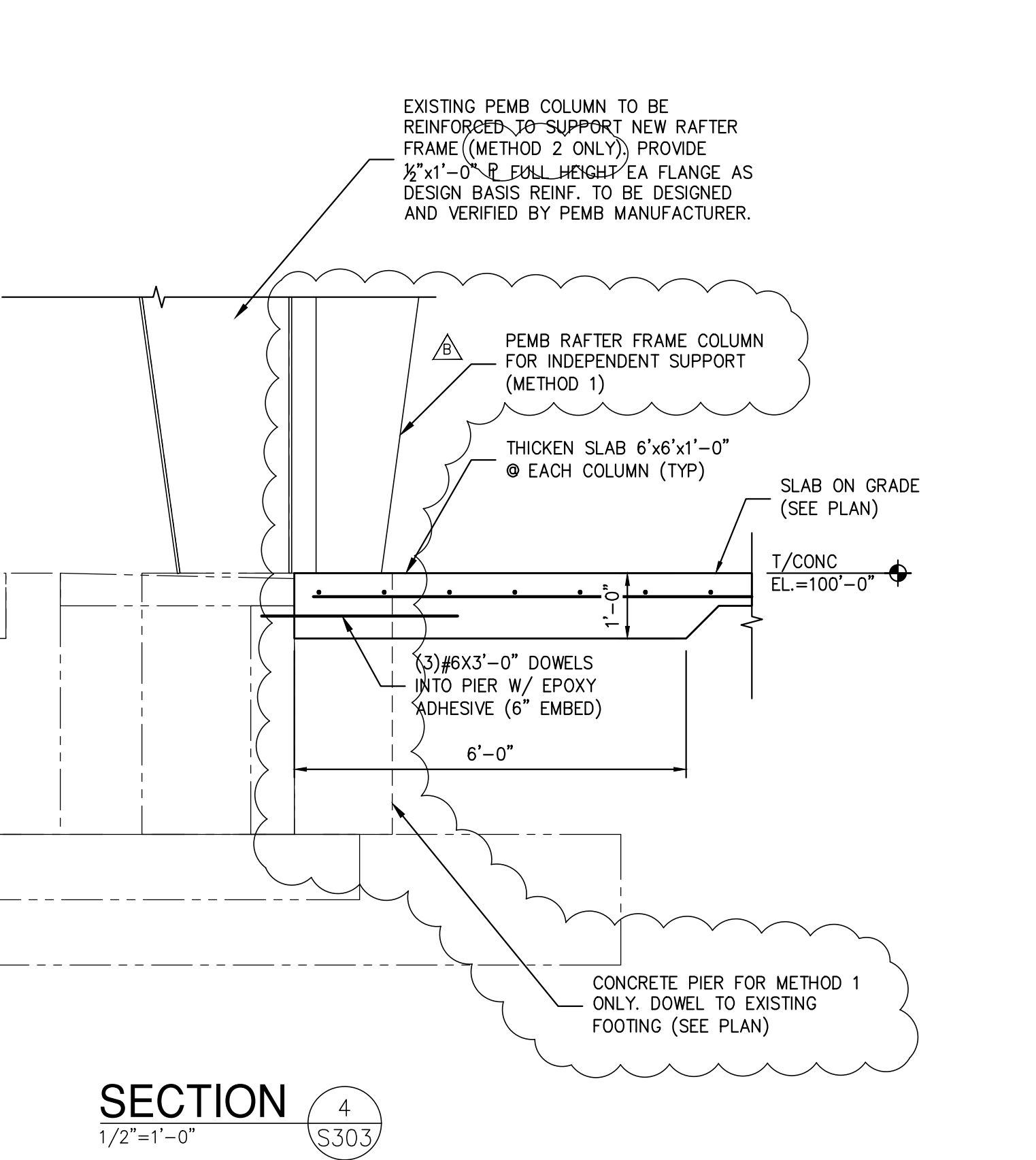
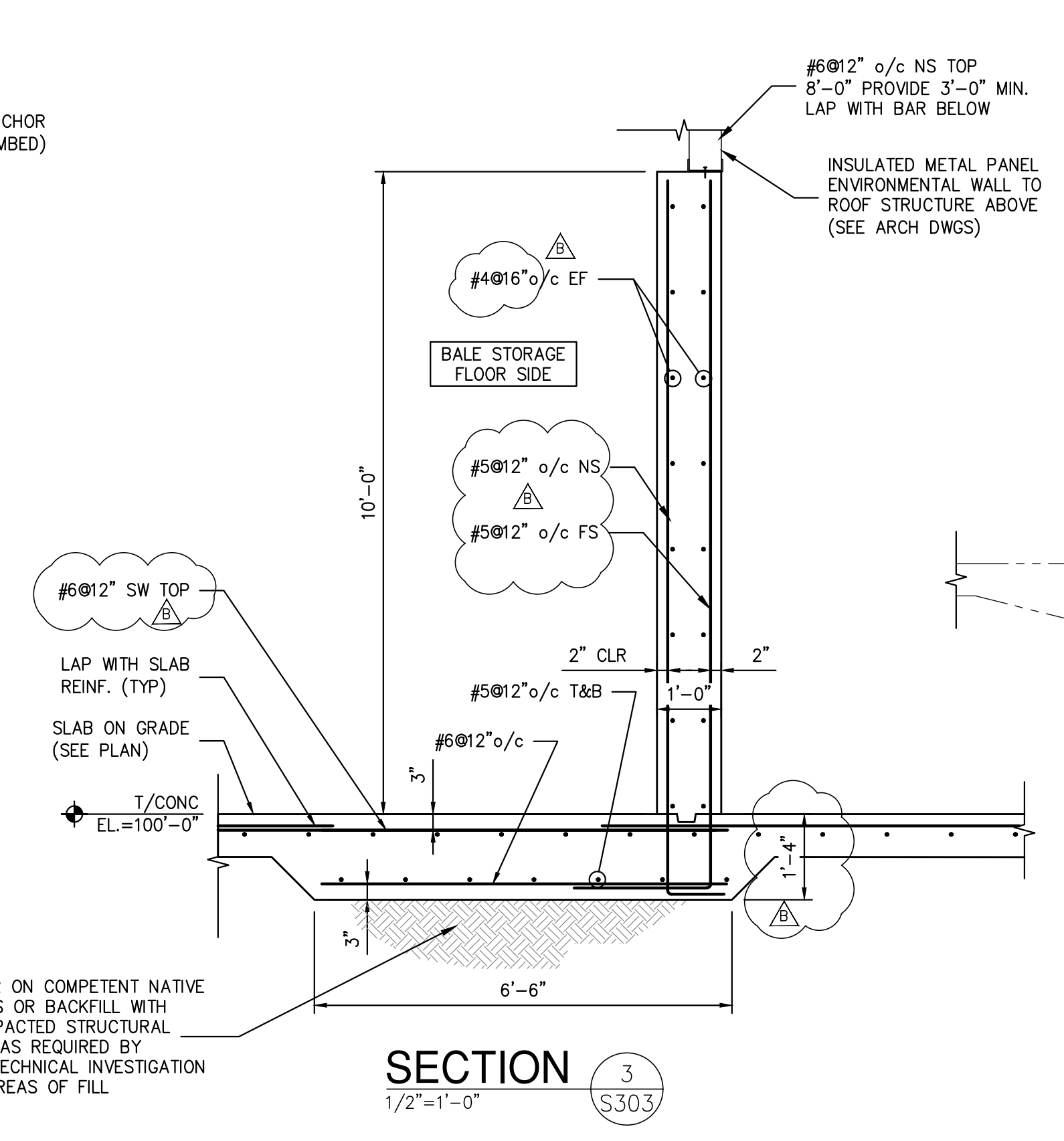
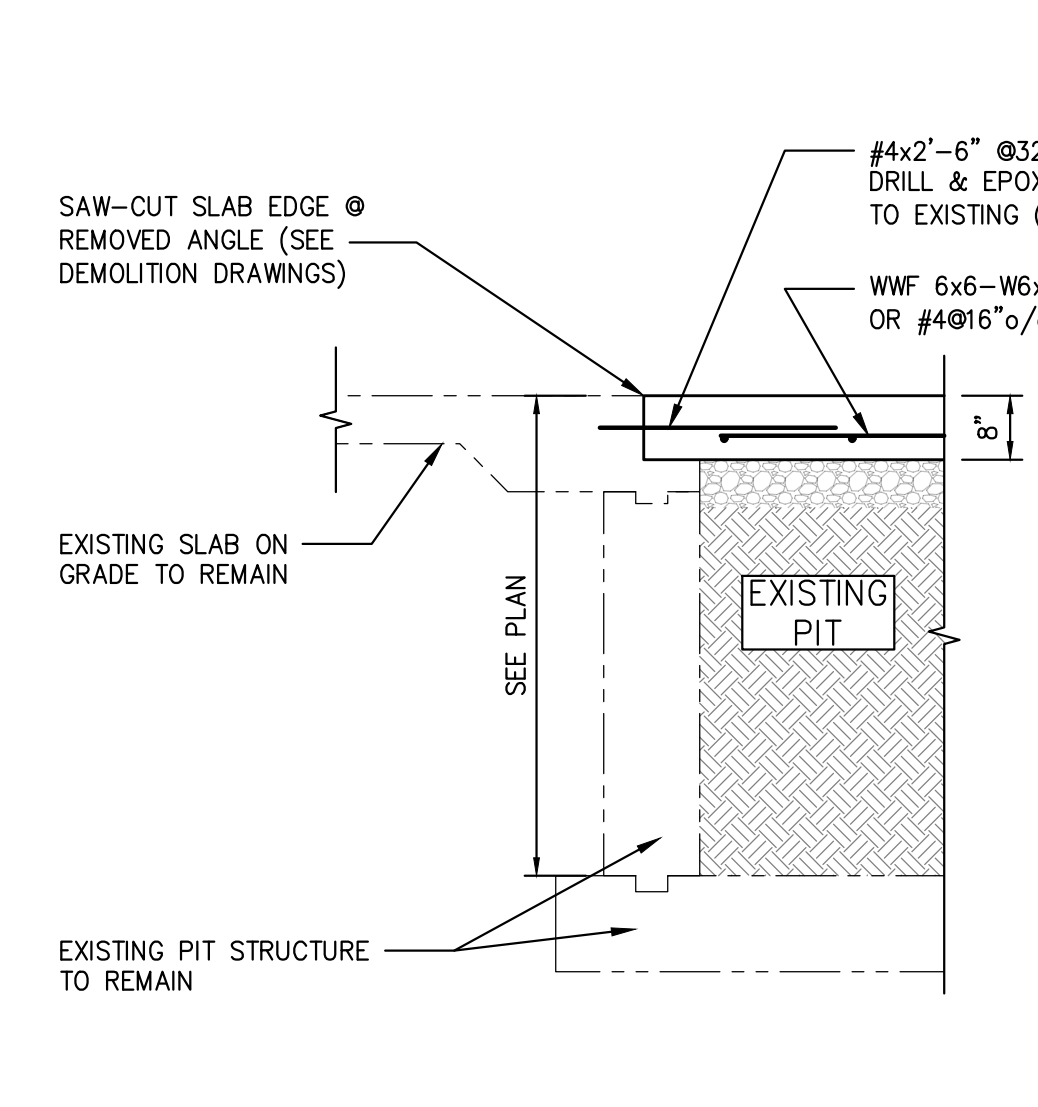
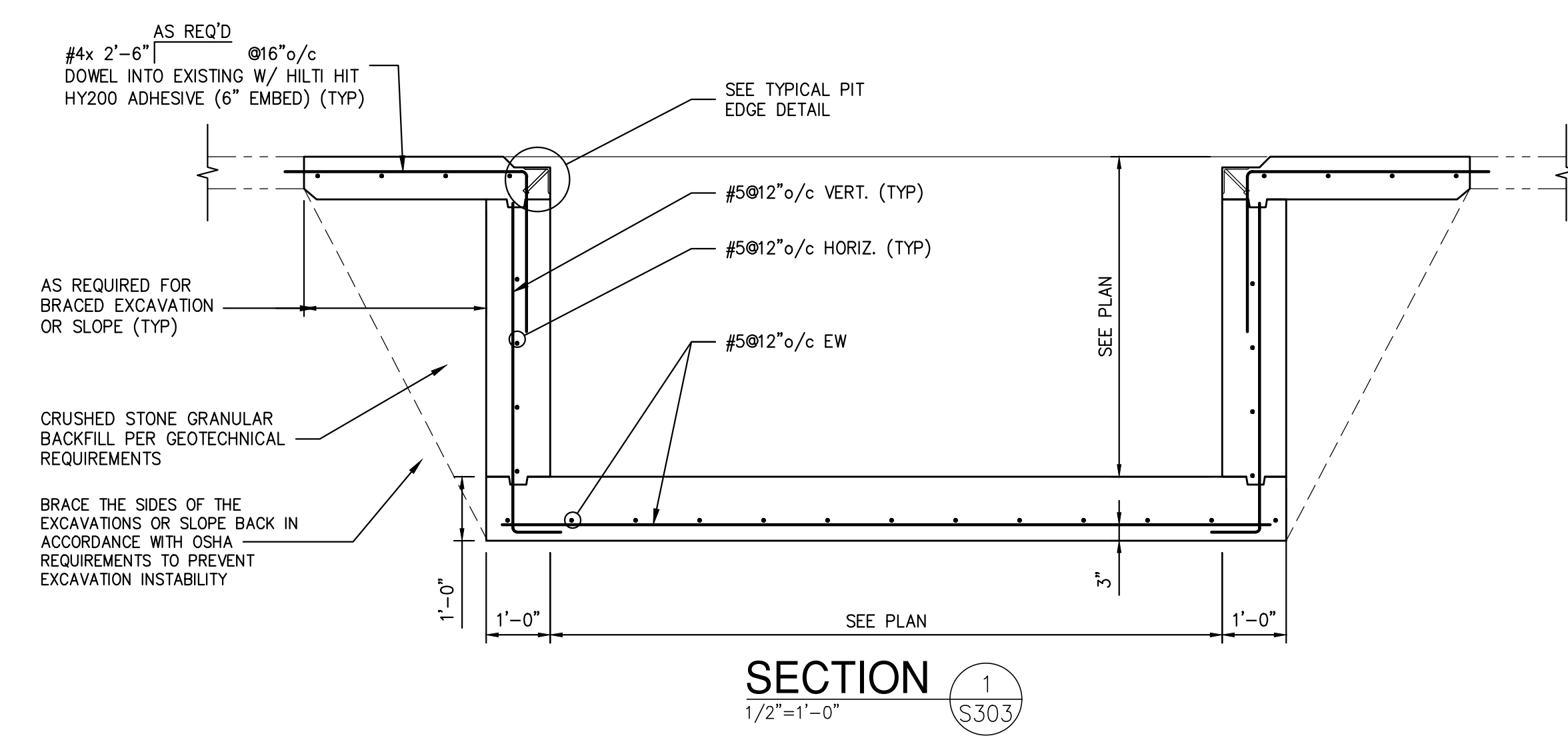
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A	ISSUED FOR RFP	7/6/21	MF	NE

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1 Huntington Quadrangle, 3501  
Melville, N.Y. 11747  
ph: 631-756-1060  
fax: 631-756-1064

DRAWN	CHECKED	DESIGNED	APPROVED	BY	DATE	PROJ. No.	SCALE
MF	NE	MF	MF	MF	5/6/21	499-010	AS NOTED

DWG. NO: **S-302**  
CAD FILE: 499-010 S-300.dwg  
SHEET SIZE: D-24x36





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Sterling Environmental Engineering, P.C.

**martinrogers**  
ENGINEERING CONSULTANTS  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
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25 WALL KILL AVE. • MONROESVILLE • NY 10854  
WWW.ANDERSONDESIGN.COM  
CONTRACTDESIGN@ANDERSONDESIGN.COM

**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

**ROCKLAND GREEN**  
MATERIALS RECOVERY FACILITY,  
FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

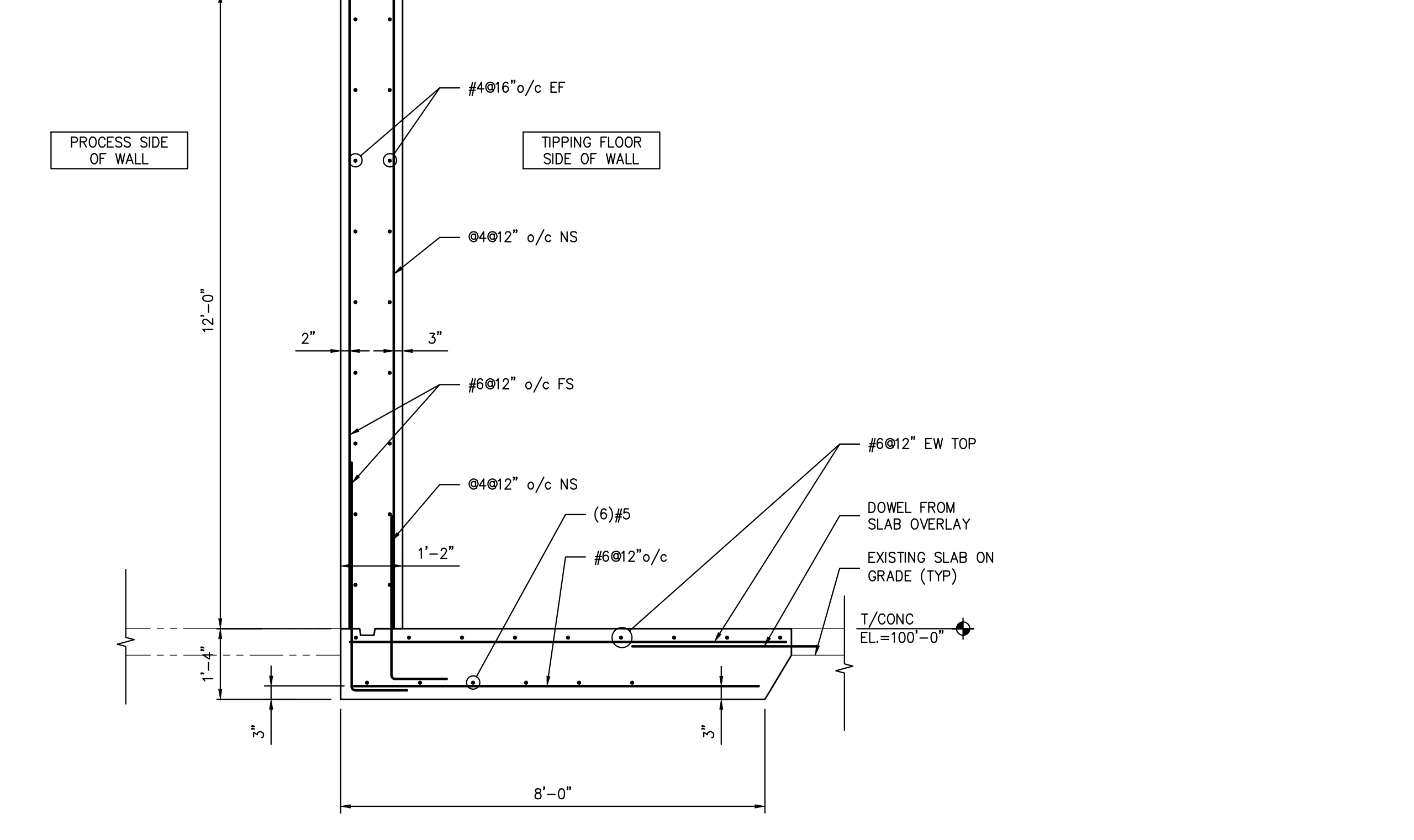
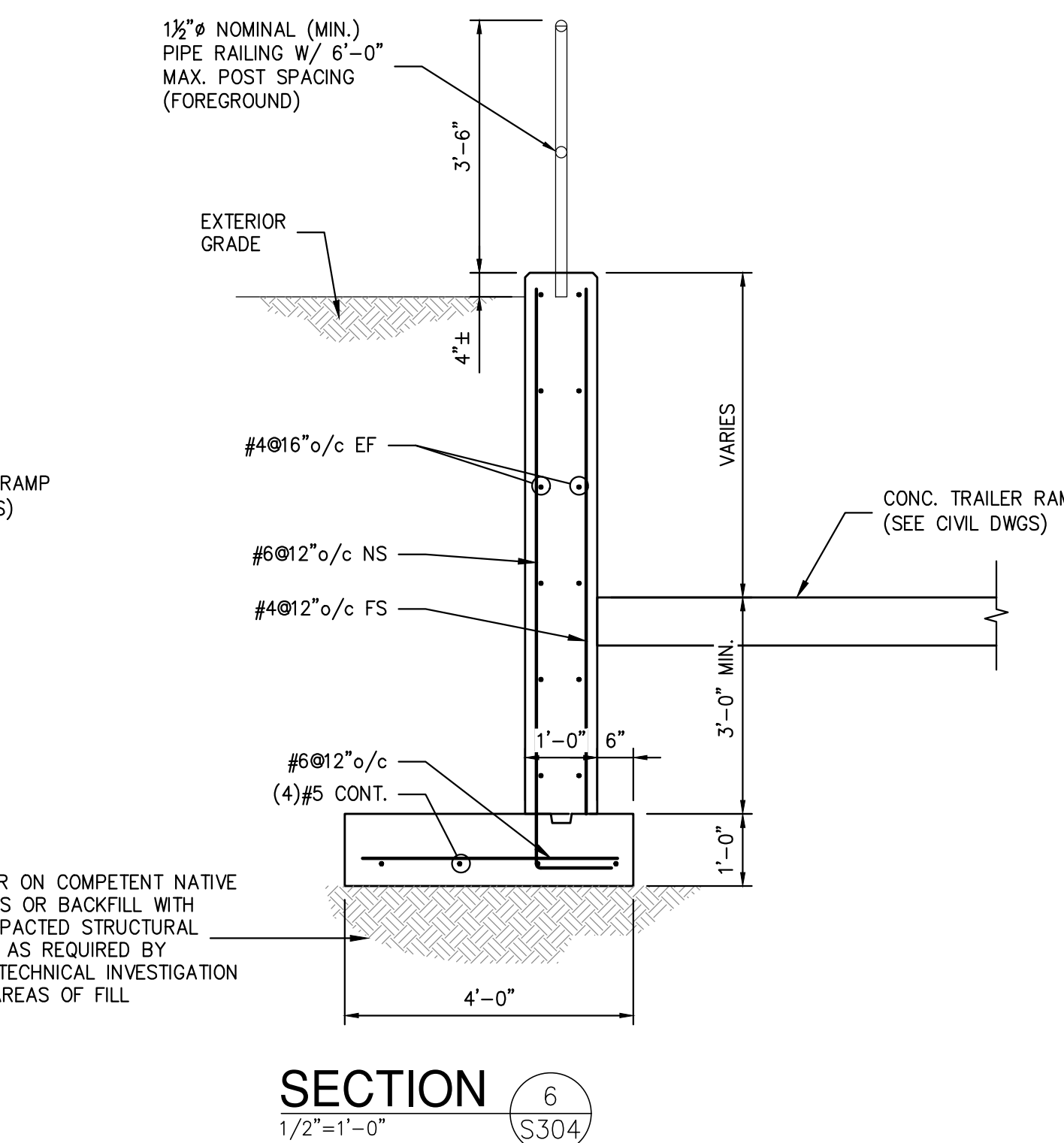
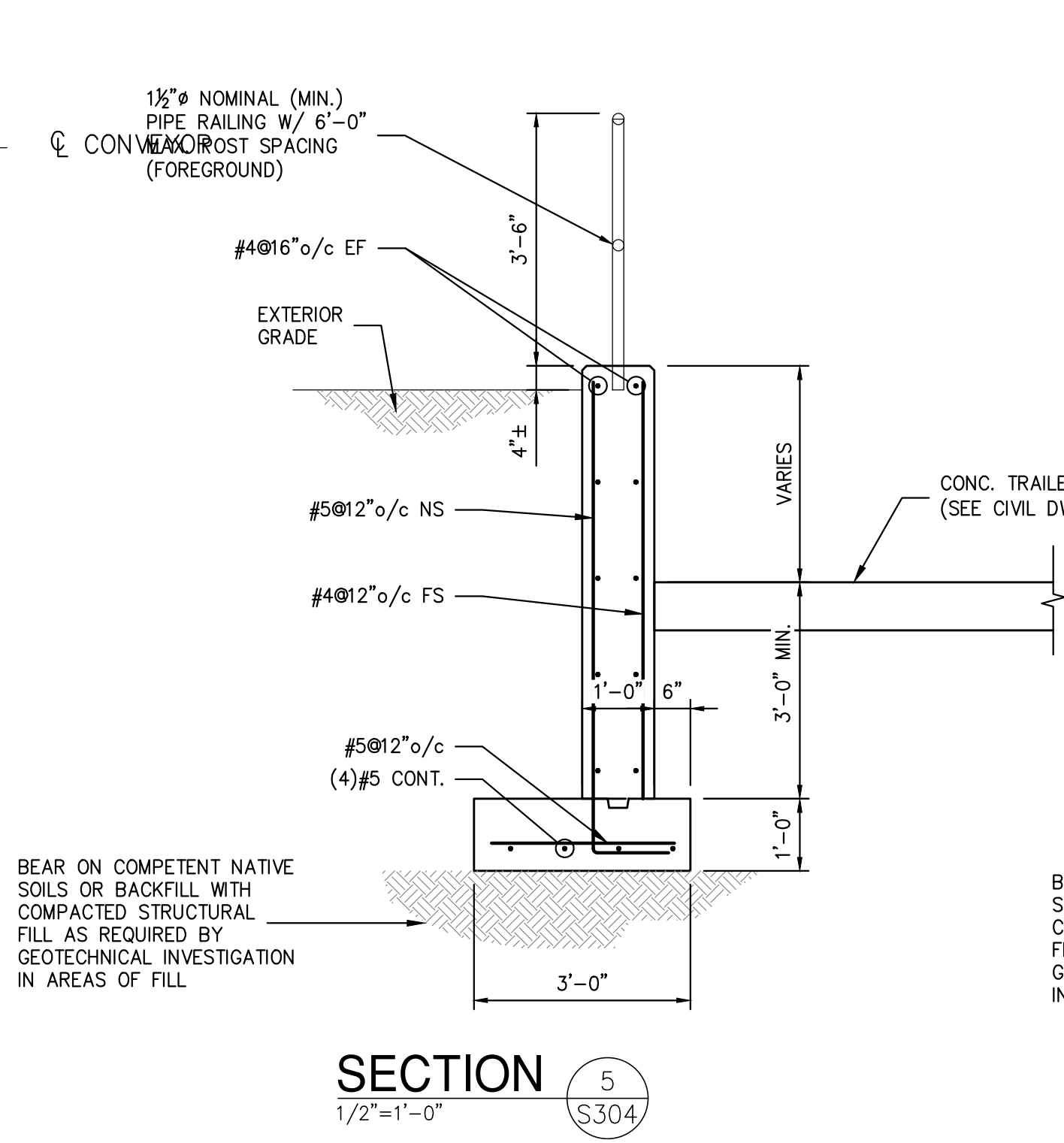
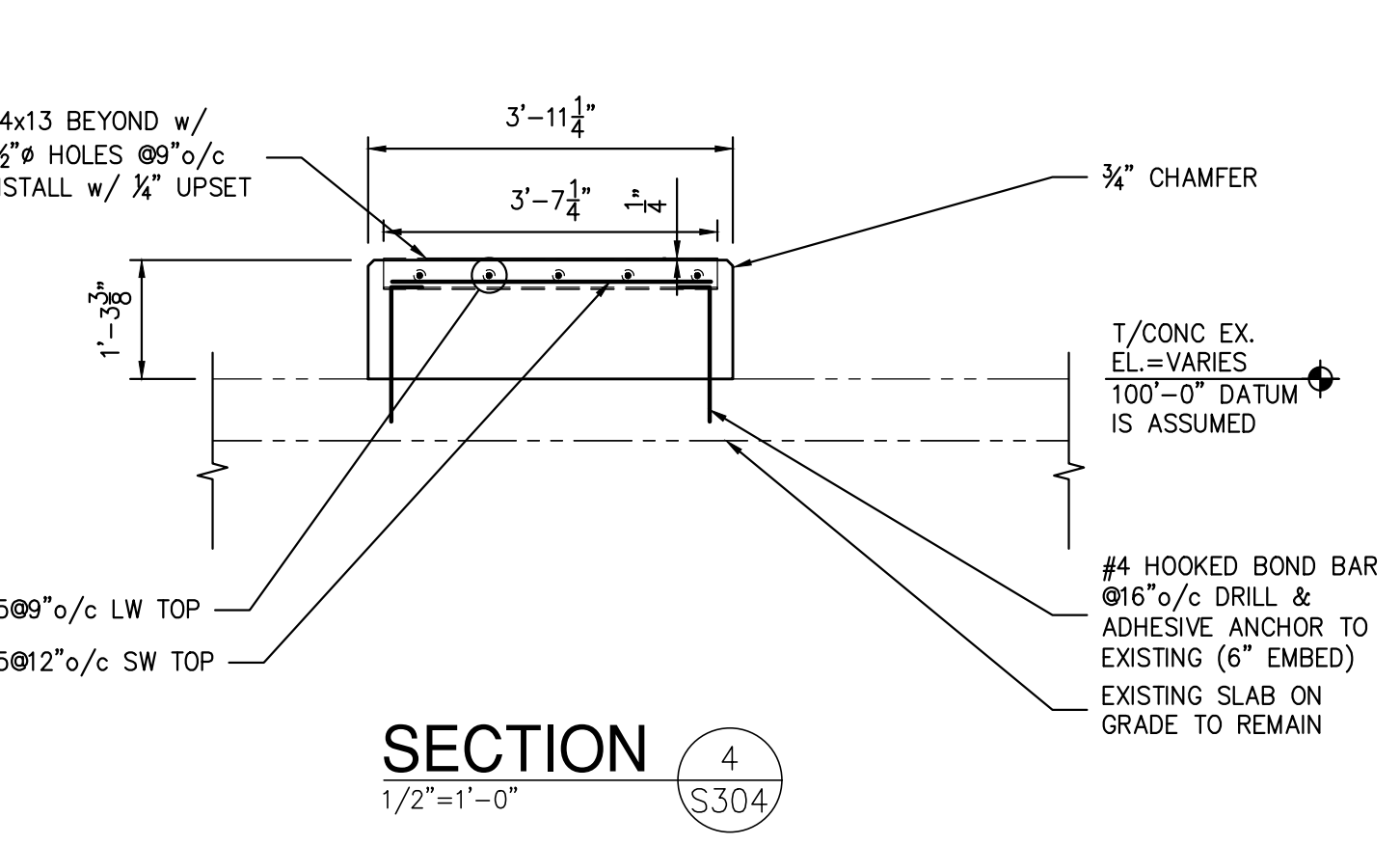
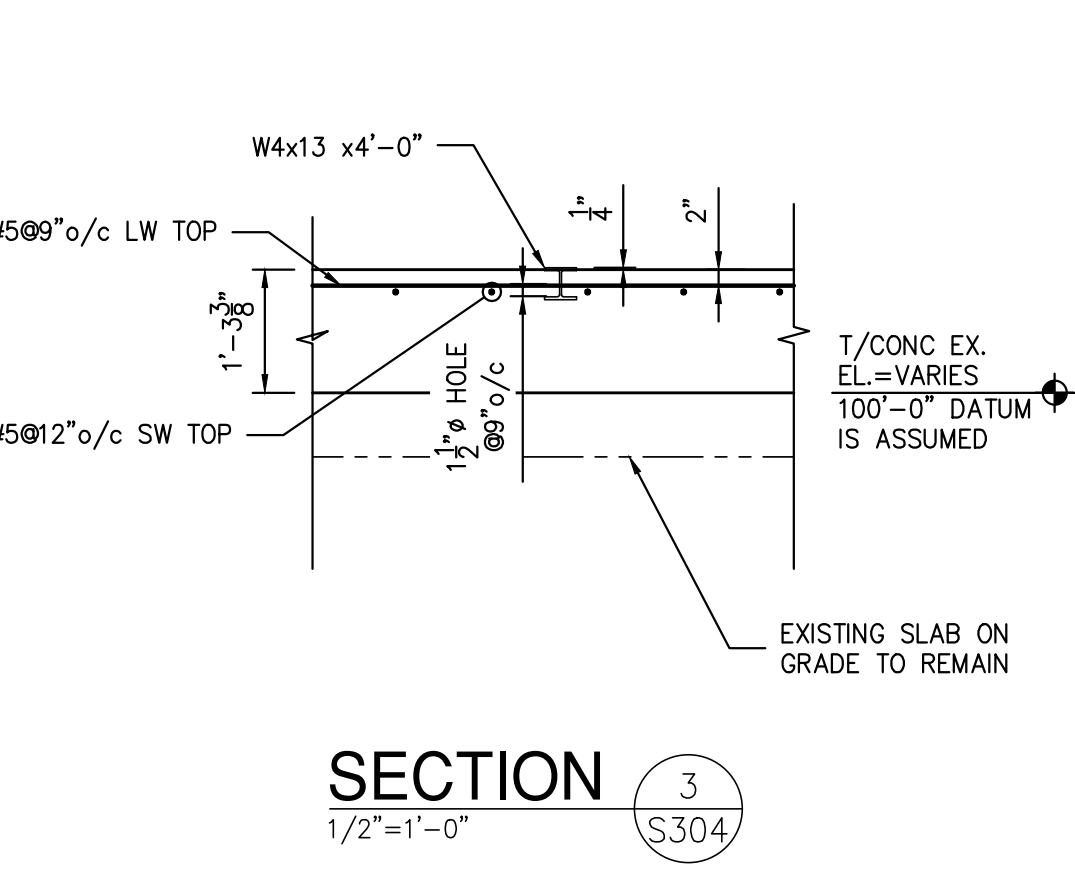
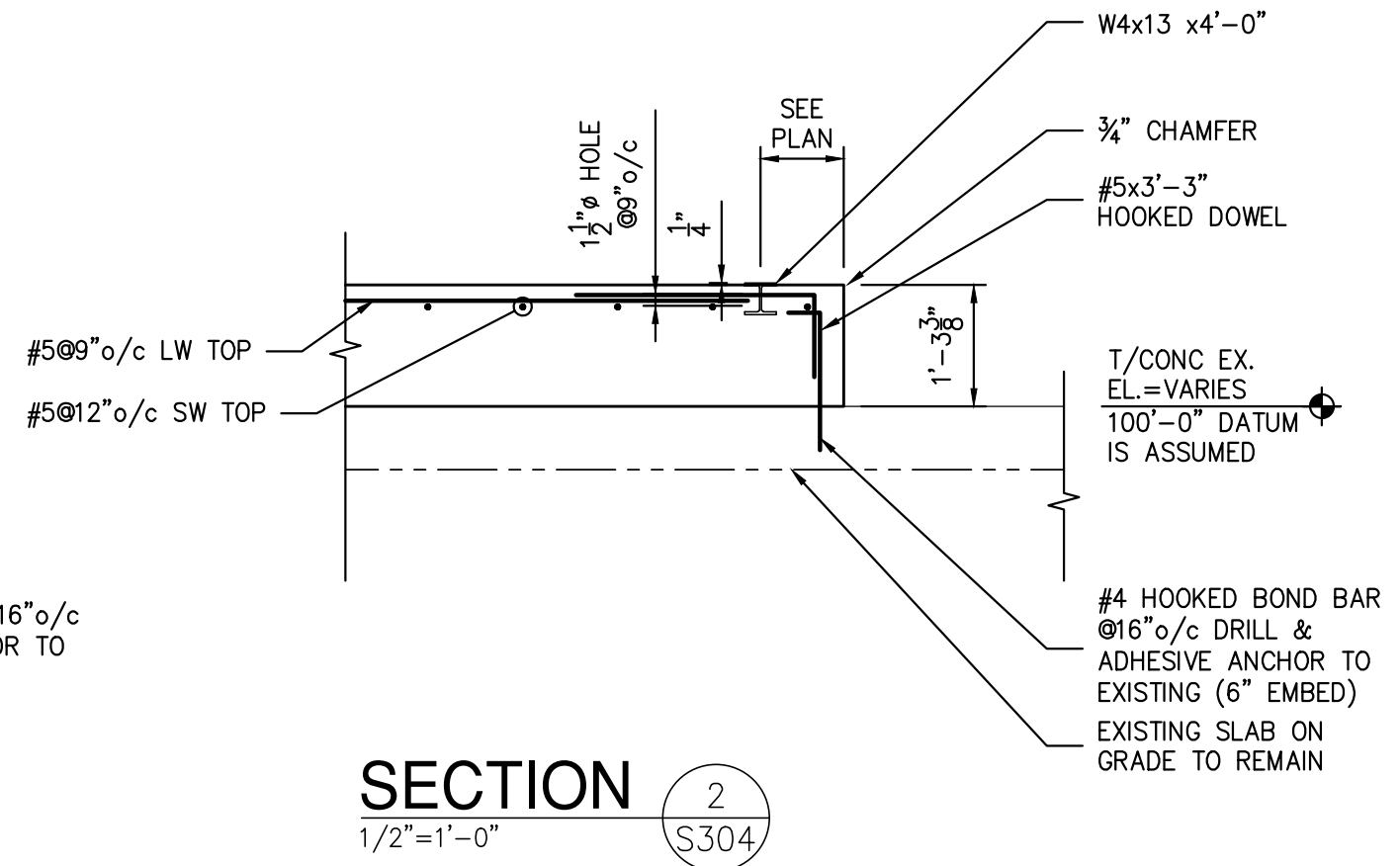
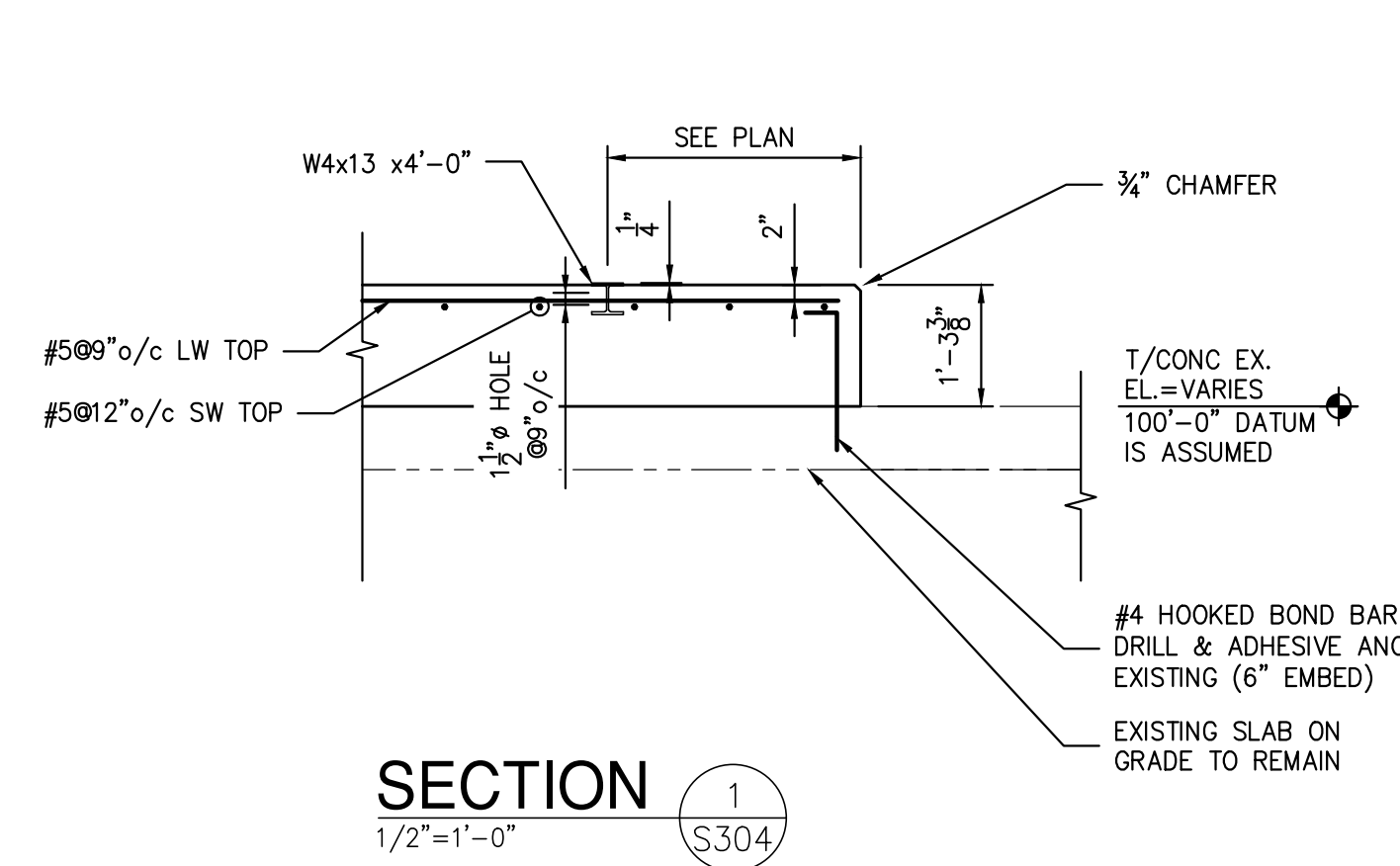
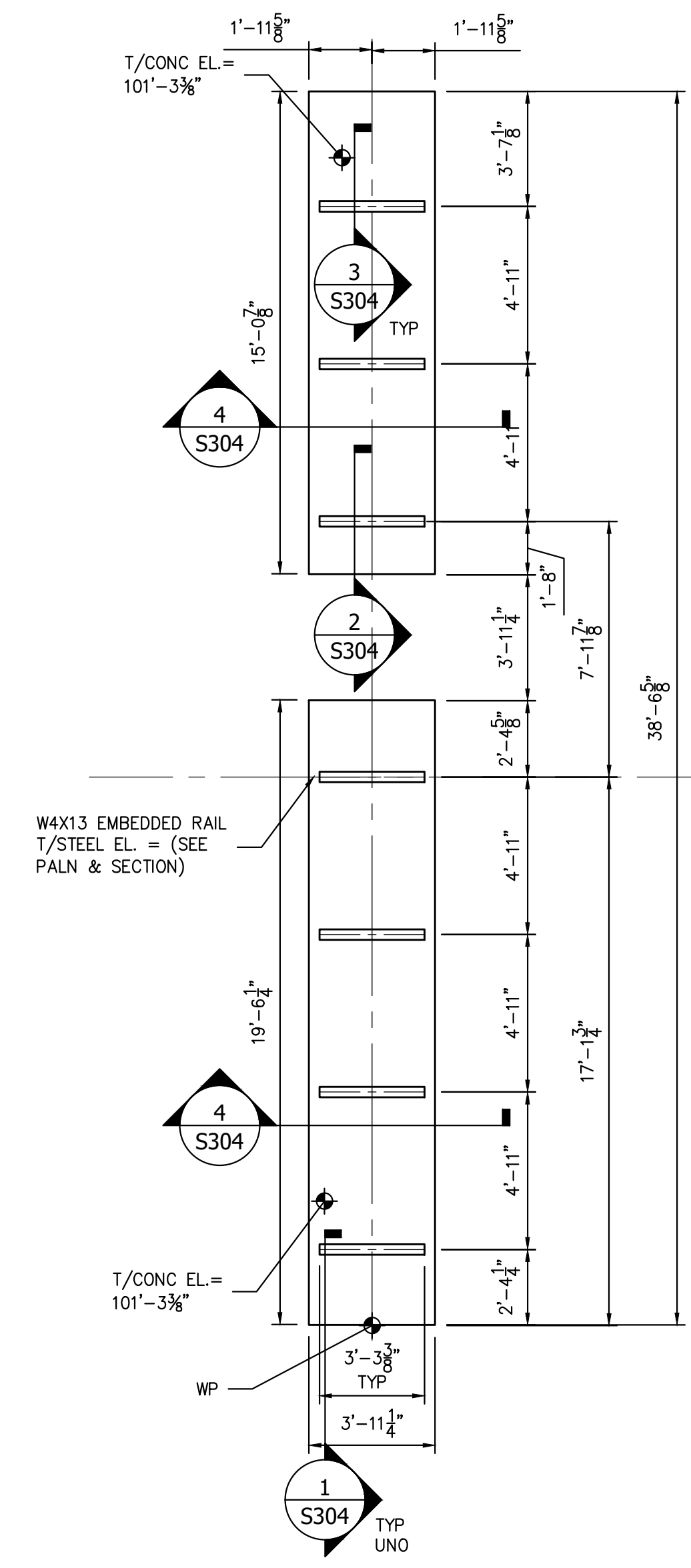
**FOUNDATION SECTIONS & DETAILS**

REV	DESCRIPTION	DATE	BY	CHK
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A	ISSUED FOR RFP	7/6/21	MF	NF

DRAWN	CHECKED	DESIGNED	APPROVED	BY	DATE	PROJ. No.	SCALE
MF	MF	MF	MF		5/6/21	499-010	AS NOTED

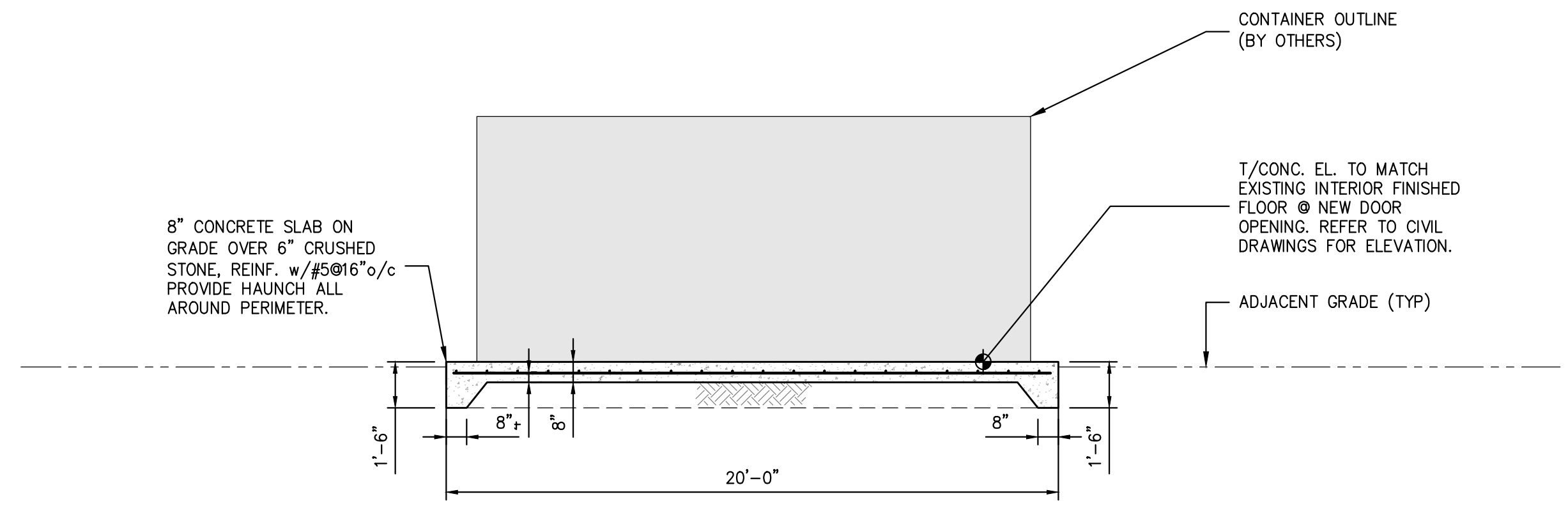
**STATE OF NEW YORK**  
SEAL OF BANK A. FRANK  
LICENSED PROFESSIONAL ENGINEER  
082717-1  
N.Y. P.E. LICENSE No. 82717-1  
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 2209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW  
RRT Engineering, LLC  
1 Huntington Quadrangle, 3501  
Melville, N.Y. 11747  
ph: 631-756-1060  
fax: 631-756-1064

DWG. NO.	CAD FILE	SHEET SIZE
S-303	499-010 S-300.dwg	D-24x36



**HBC120S PARTIAL FOUNDATION PLAN**  
SCALE: 1/4"=1'-0"

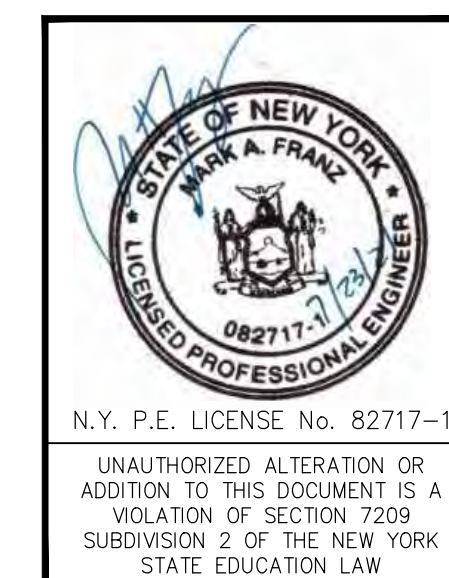
- NOTES:
- TOP OF SLAB ELEVATION EQUALS DATUM ELEVATION (100'-0") UNLESS OTHERWISE NOTED.
  - EXISTING BUILDING STRUCTURE SHOWN IS BASED LIMITED INFORMATION AS VERIFIED BY RRT DESIGN & CONSTRUCTION.
  - FIELD VERIFY EXISTING STRUCTURES BEFORE PROCEEDING WITH FABRICATION OR DEMOLITION. NOTIFY ENGINEER IMMEDIATELY OF ANY OBSERVED DISCREPANCIES.
  - LOCATE UTILITIES PRIOR TO CUTTING CONCRETE OR EXCAVATING.
  - CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ADJACENT FOUNDATIONS, GRADE-SUPPORTED SLAB OR PAVEMENTS DURING EXCAVATION.



**SECTION A-A**  
SCALE: 1/4"=1'-0"

- NOTES:
- COORDINATE CONCRETE PAD REQUIREMENTS.

NOT FOR CONSTRUCTION



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B	REVISED FOR RFP ADDENDUM 6	7/23/21	MF	NE
A	ISSUED FOR RFP	7/6/21	MF	NE

**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

**ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS**  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**FOUNDATION SECTIONS & DETAILS**

DRAWN	MF	DATE	5/6/21	PROJ. No:	499-010	SCALE:	AS NOTED
CHECKED	NE			DWG. NO.:	S-304		
DESIGNED	MF	DATE	5/6/21	CAD FILE:	499-010 S-300.dwg		
APPROVED				SHEET SIZE:	D-24x36		

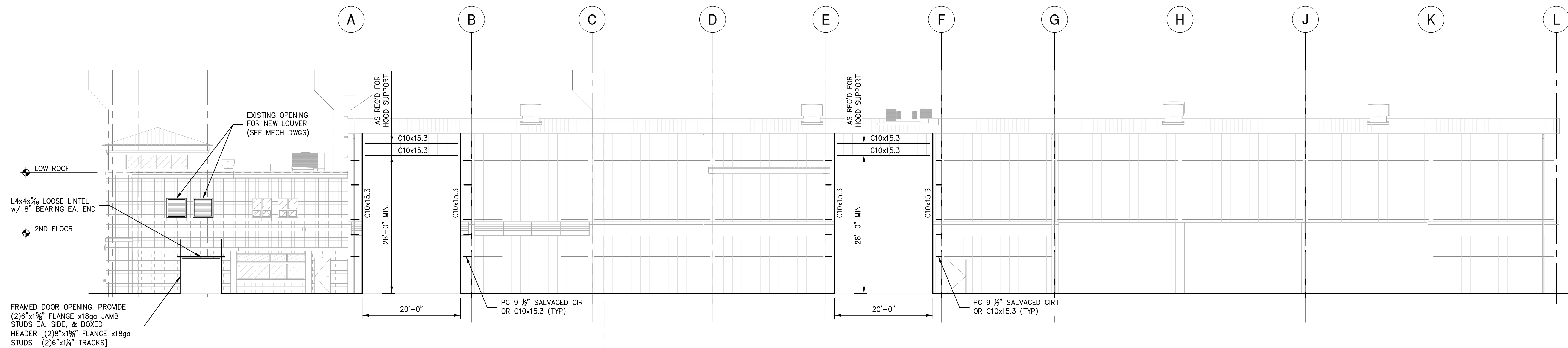
**STERLING**  
Sterling Environmental Engineering, P.C.

**martinrogers**  
ENGINEERING CONSULTANTS  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
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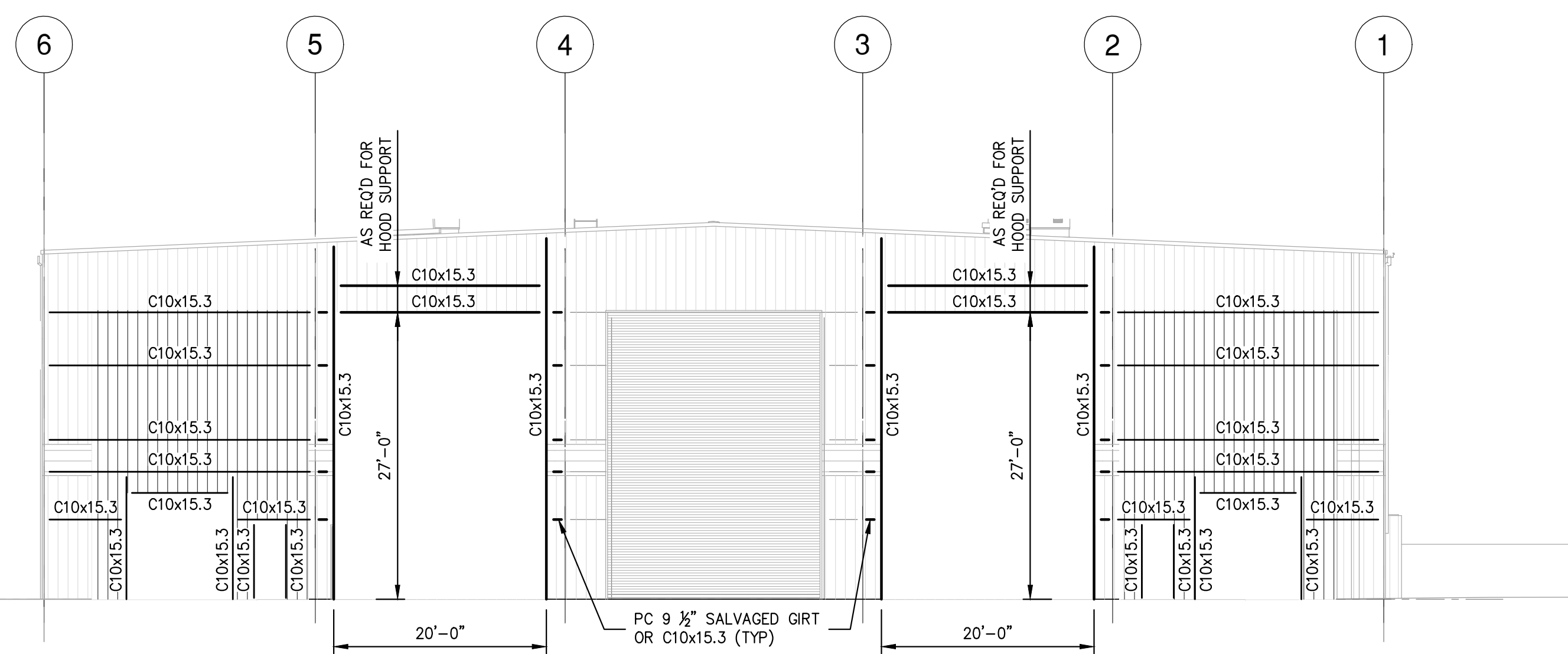
**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Melville, N.Y. 11747  
ph: 631-756-1060  
fax: 631-756-1064



**FRAMING ELEVATION  
ALONG COL. LINE 6**

SCALE: 3/32"=1'-0"

- NOTES:
- EXISTING BUILDING STRUCTURE SHOWN IS BASED LIMITED INFORMATION AS VERIFIED BY RRT DESIGN & CONSTRUCTION.
  - EXISTING INFORMATION SHOWN IS TAKEN FROM DRAWINGS PROVIDED FOR "FACILITY AND SYSTEM EXPANSION, MATERIAL RECOVERY FACILITY, ROCKLAND COUNTY, NEW YORK", BY MAGUIRE GROUP, ARCHITECTS/ENGINEERS/PLANNERS P.C. LTD. DATED JUNE 13, 1997.
  - FIELD VERIFY EXISTING STRUCTURES BEFORE PROCEEDING WITH FABRICATION OR DEMOLITION. NOTIFY ENGINEER IMMEDIATELY OF ANY OBSERVED DISCREPANCIES.
  - LOCATE UTILITIES PRIOR TO PROCEEDING WITH DEMOLITION. EXISTING ELECTRICAL SERVICE, ELECTRICAL OUTLETS, COMMUNICATION WIRING, FIRE ALARMS AND FIRE COMMUNICATION TO BE REMOVED AND RELOCATED AS REQUIRED BEFORE ERECTION & DEMOLITION.
  - CARE SHALL BE TAKEN WORKING AROUND EXISTING UTILITIES TO REMAIN INCLUDING BUT NOT LIMITED TO FIRE SPRINKLER (COORDINATE WITH REPLACEMENT BY OTHERS).
  - FIELD VERIFY EXISTING FRAMING AT PROPOSED OPENING LOCATIONS. NOTIFY ENGINEER OF ANY REVISED DIMENSIONS AS REQUIRED. COORDINATE ALL FRAMED OPENING DIMENSIONS WITH APPROVED SUBMITTAL REQUIREMENTS.
  - CUT WALL OPENINGS AND FRAME ACCORDINGLY. COORDINATE OPENINGS WITH SUBCONTRACTOR INSTALLING DOORS, LOUVERS OR FANS. PROVIDE METAL WALL PANEL TO MATCH. PROVIDE TRIM AND SEAL AS REQUIRED TO PROVIDE FINISHED APPEARANCE.



**FRAMING ELEVATION  
ALONG COL. LINE L**

SCALE: 3/32"=1'-0"

- NOTES:
- EXISTING BUILDING STRUCTURE SHOWN IS BASED LIMITED INFORMATION AS VERIFIED BY RRT DESIGN & CONSTRUCTION.
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Sterling Environmental Engineering, P.C.

**martin rogers**  
ENGINEERING CONSULTANTS  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
1-717-851-1000 | 1-717-851-0988 | www.mrgroup.com

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607-538-7878

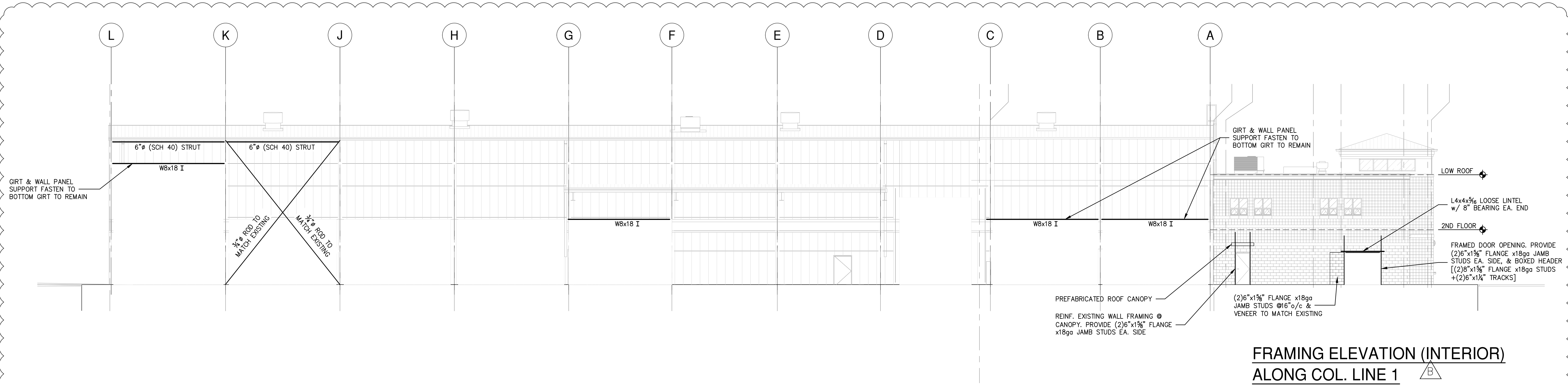
**RRT Engineering, LLC**  
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NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN  
MATERIALS RECOVERY FACILITY,  
FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

REV	DESCRIPTION	DATE	BY	CHK
B	REVISED FOR RFP ADDENDUM 6	7/23/21	MF	NE
			MF	NE
			BY	CHK

STATE OF NEW YORK  
SEAL OF THE STATE ENGINEER  
082717-1  
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N.Y. P.E. LICENSE No. \_\_\_\_\_  
RRT Engineering, LLC  
1 Huntington Quadrangle, 3501  
Melville, N.Y. 11747  
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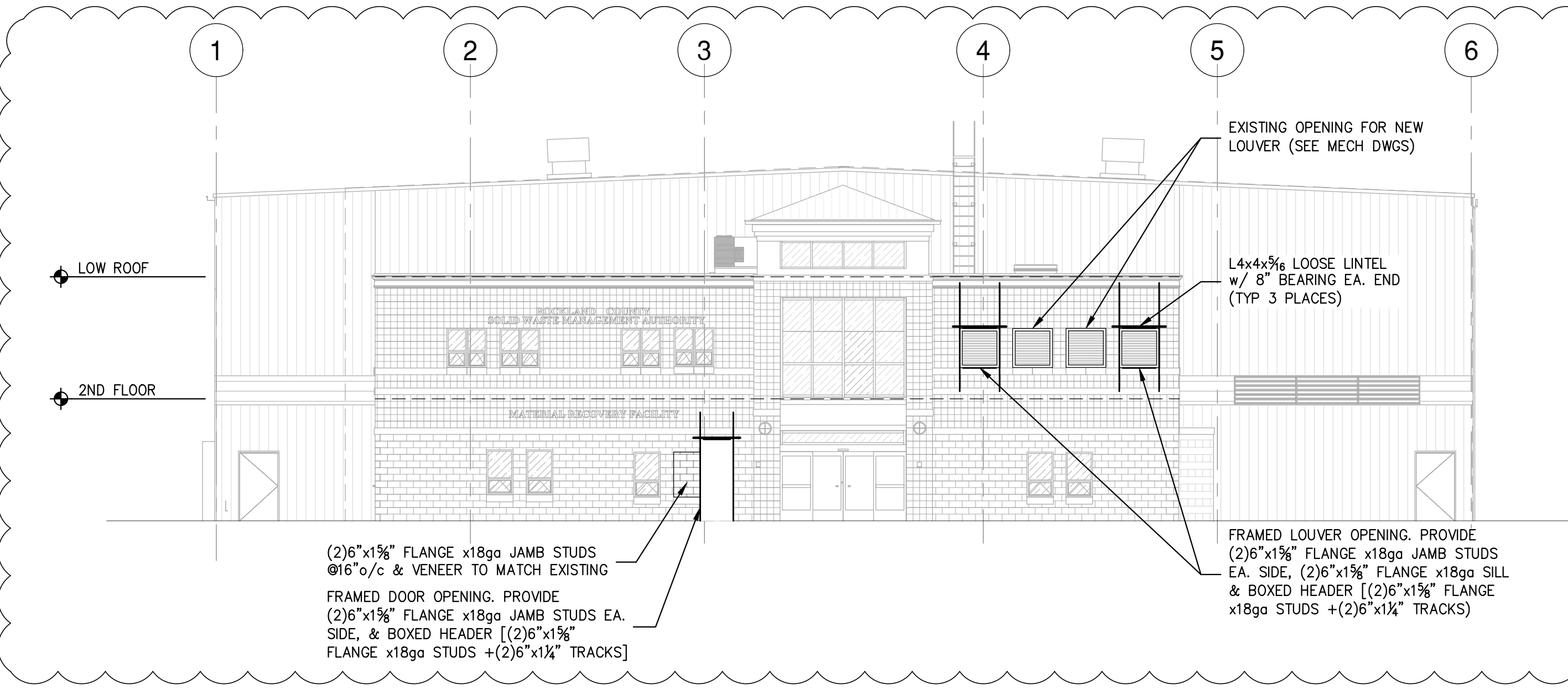
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DESIGNED		MF	DATE	5/6/21	CAD FILE:	499-010 S-400		
APPROVED					SHEET SIZE:	D-24x36		
APPROVED								REV



**FRAMING ELEVATION (INTERIOR)  
ALONG COL. LINE 1**

SCALE: 3/32"=1'-0"

- NOTES:
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  - CUT WALL OPENINGS AND FRAME ACCORDINGLY. COORDINATE OPENINGS WITH SUBCONTRACTOR INSTALLING DOORS, LOUVERS OR FANS. PROVIDE METAL WALL PANEL TO MATCH. PROVIDE TRIM AND SEAL AS REQUIRED TO PROVIDE FINISHED APPEARANCE.



**FRAMING ELEVATION  
ALONG COL. LINE A**

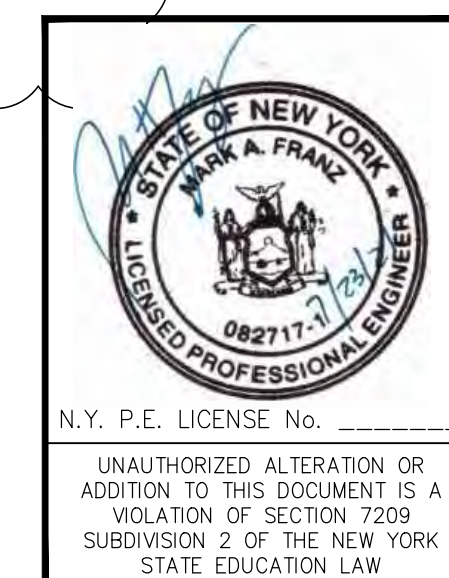
SCALE: 3/32"=1'-0"

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**STERLING**  
Sterling Environmental Engineering, P.C.

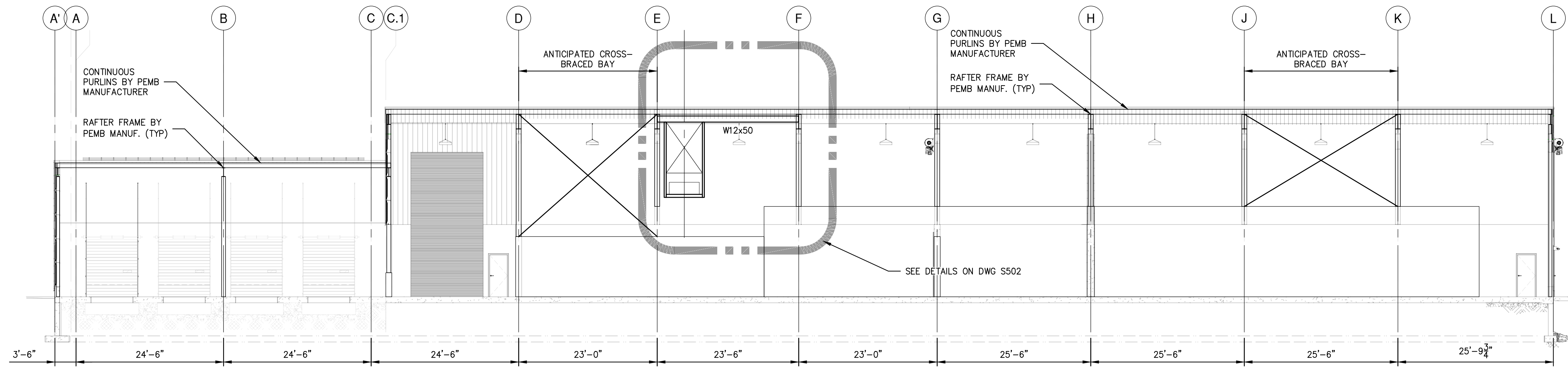
**martinrogers**  
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185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
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25 WALL KILL AVE. • MONROESVILLE • NY 12548  
609.796.1234

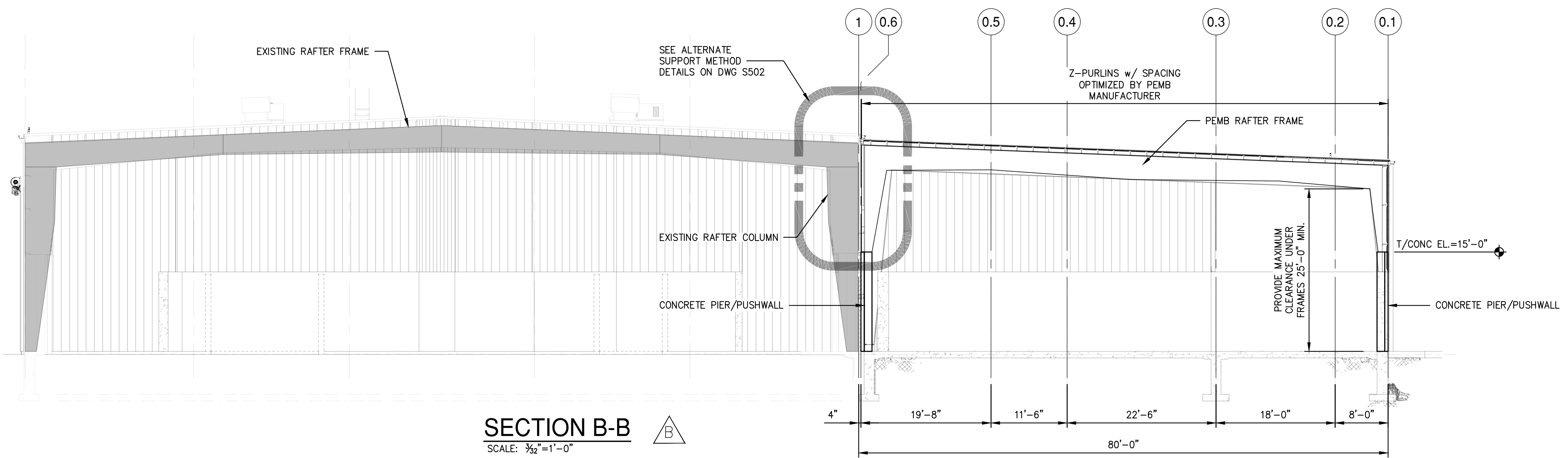


<b>RRT Engineering, LLC</b> An Affiliate of Enviro-Services & Constructors, Inc. NY COA # 0017967						
<b>ROCKLAND GREEN</b> MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS 420 TORNE VALLEY ROAD, HILLBURN, NY 10931						
<b>FRAMING ELEVATIONS</b>						
REV	DESCRIPTION	DATE	BY	DATE	PROJ. No: 499-010	SCALE: AS NOTED
B	REVISED FOR RFP ADDENDUM 6	7/23/21	MF	5/6/21		
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<b>RRT Engineering, LLC</b> 1 Huntington Quadrangle, 3501 Melville, N.Y. 11747 ph: 631-756-1060 fax: 631-756-1064			<small>DRAWN</small> MF <small>CHECKED</small> NE <small>DESIGNED</small> MF <small>APPROVED</small> <small>APPROVED</small>		<small>DWG. No:</small> S-402 <small>CAD FILE:</small> 499-010 S-400 <small>SHEET SIZE:</small> D-24x36	<small>NO.</small> B <small>REV</small>

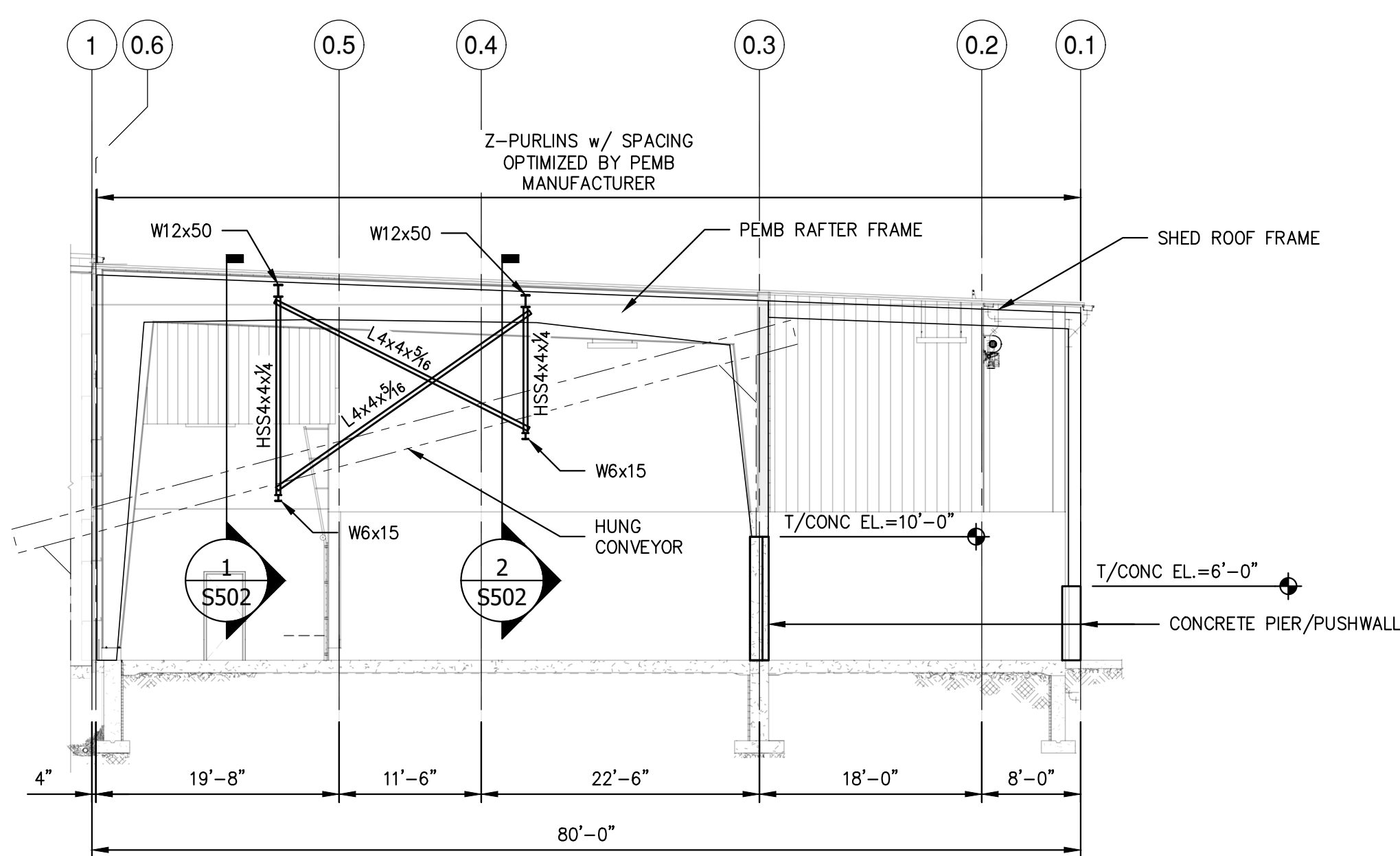
NOT FOR CONSTRUCTION



**SECTION A-A**  
SCALE: 3/32"=1'-0"



**SECTION B-B**  
SCALE: 3/32"=1'-0"



**SECTION C-C**  
SCALE: 3/32"=1'-0"

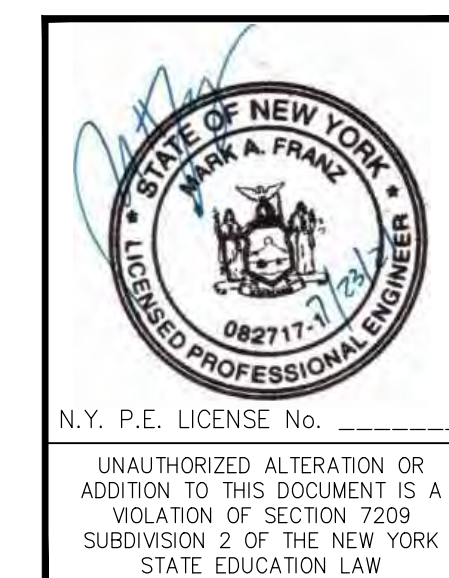
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  - LOCATE UTILITIES PRIOR TO PROCEEDING WITH DEMOLITION. EXISTING ELECTRICAL SERVICE, ELECTRICAL OUTLETS, COMMUNICATION WIRING, FIRE ALARMS AND FIRE COMMUNICATION TO BE REMOVED AND RELOCATED AS REQUIRED BEFORE ERECTION & DEMOLITION.
  - CARE SHALL BE TAKEN WORKING AROUND EXISTING UTILITIES TO REMAIN INCLUDING BUT NOT LIMITED TO FIRE SPRINKLER (COORDINATE WITH REPLACEMENT BY OTHERS).
  - FIELD VERIFY EXISTING FRAMING AT PROPOSED OPENING LOCATIONS. NOTIFY ENGINEER OF ANY REVISED DIMENSIONS AS REQUIRED. COORDINATE ALL FRAMED OPENING DIMENSIONS WITH APPROVED SUBMITTAL REQUIREMENTS.
  - CUT WALL OPENINGS AND FRAME ACCORDINGLY. COORDINATE OPENINGS WITH SUBCONTRACTOR INSTALLING DOORS, LOUVERS OR FANS. PROVIDE METAL WALL PANEL TO MATCH. PROVIDE TRIM AND SEAL AS REQUIRED TO PROVIDE FINISHED APPEARANCE.
  - PEMB ROOF STRUCTURE SHALL BE CONSTRUCTED UTILIZING ONE OF THE FOLLOWING METHODS:
    - METHOD 1 SHALL BE A STAND-ALONE STRUCTURE UTILIZING NEW COLUMNS AT GRID LINE 0.6. COLUMNS SHALL BEAR ON CONCRETE PIERS WITH T/CONC. AT FINISHED FLOOR ELEVATION OR T/CONC MATCHING TOP OF WALL ELEVATION (SEE FOUNDATION PLAN).
    - METHOD 2 SHALL UTILIZE THE EXISTING BUILDING COLUMNS AT GRID LINE 1 FOR SUPPORT. COLUMNS SHALL BE REINFORCED PER SECTIONS & DETAILS FOR BIDDING PURPOSES. EVALUATION OF EXISTING STRUCTURE AND REINFORCEMENT REQUIREMENTS SHALL BE PROVIDED BY PEMB MANUFACTURER OR THIRD PARTY ENGINEER.

NOT FOR CONSTRUCTION

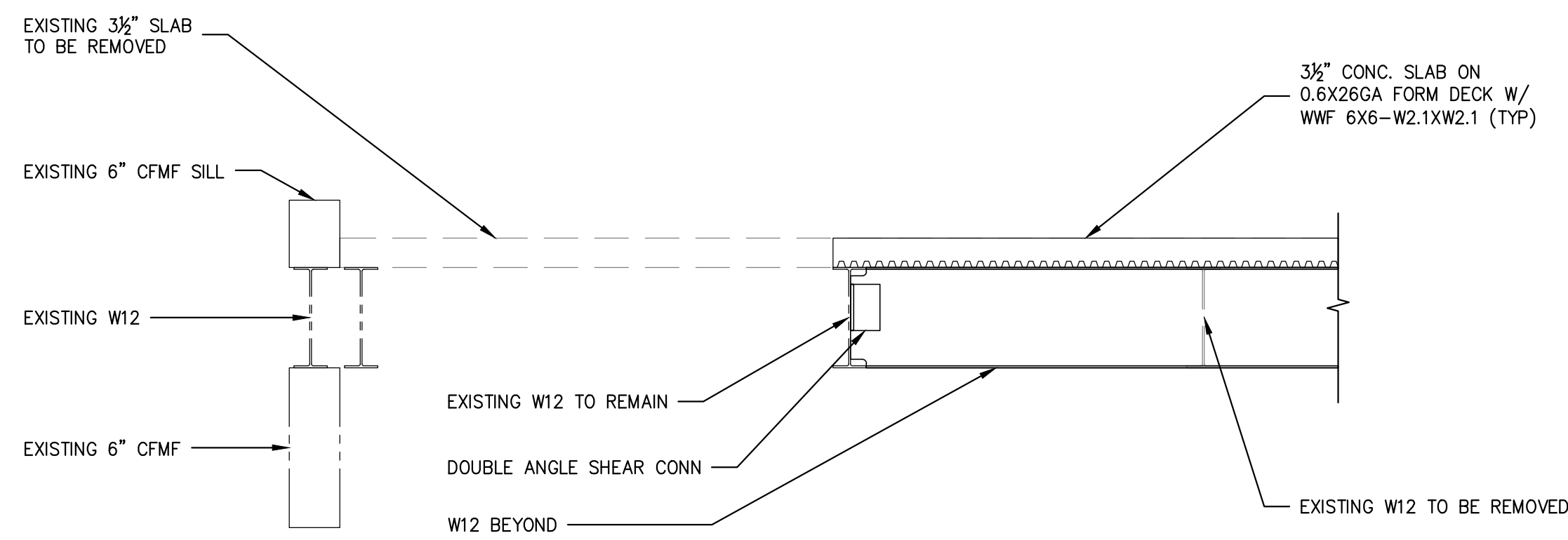
**STERLING**  
Sterling Environmental Engineering, P.C.

**martinrogers**  
ENGINEERING CONSULTANTS  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
1-717-850-1000 | 1-717-850-0988 | www.mrtg.com

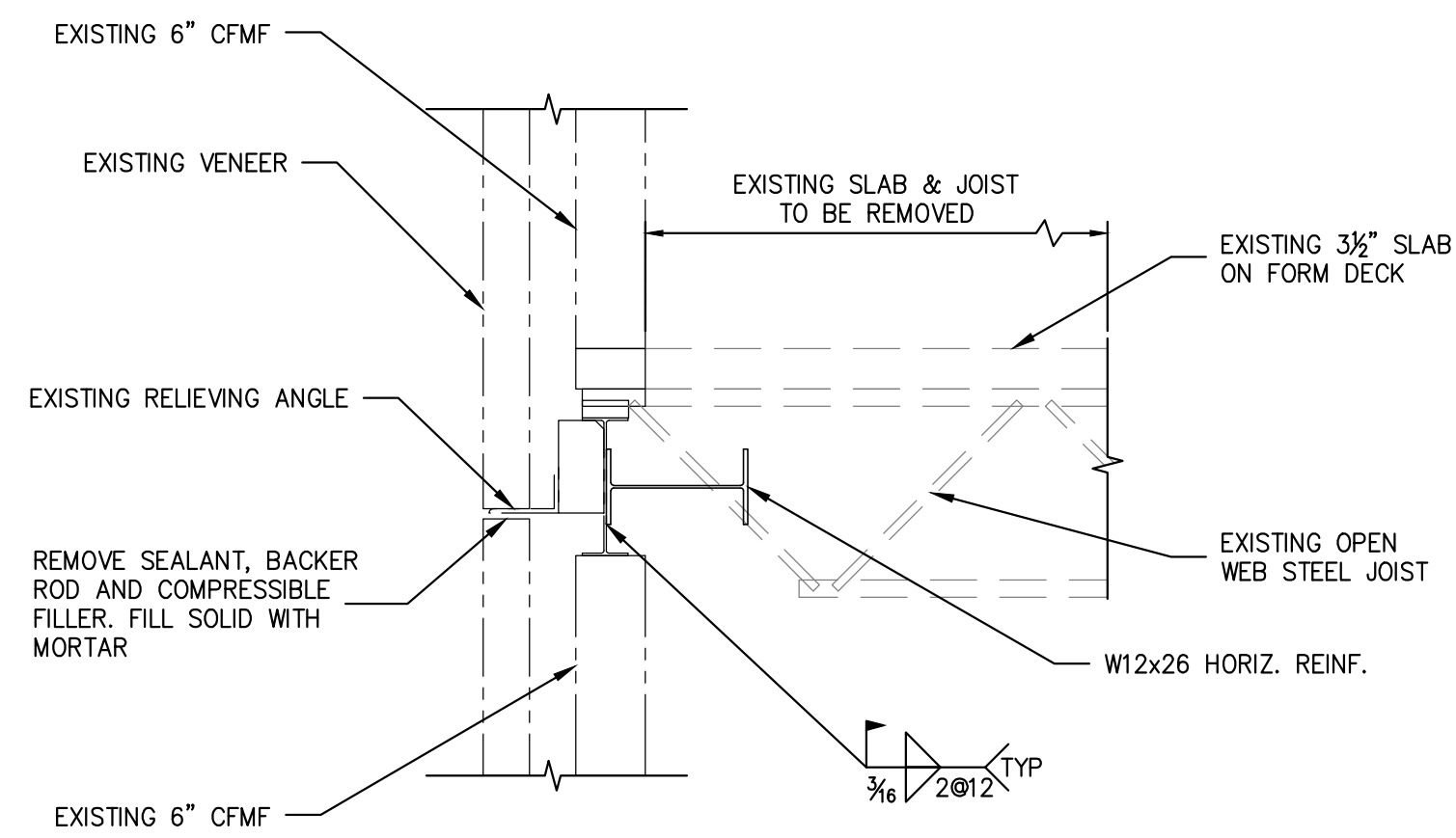
ANDERSON DESIGN GROUP  
ARCHITECTURE  
PLANNING  
INTERIORS



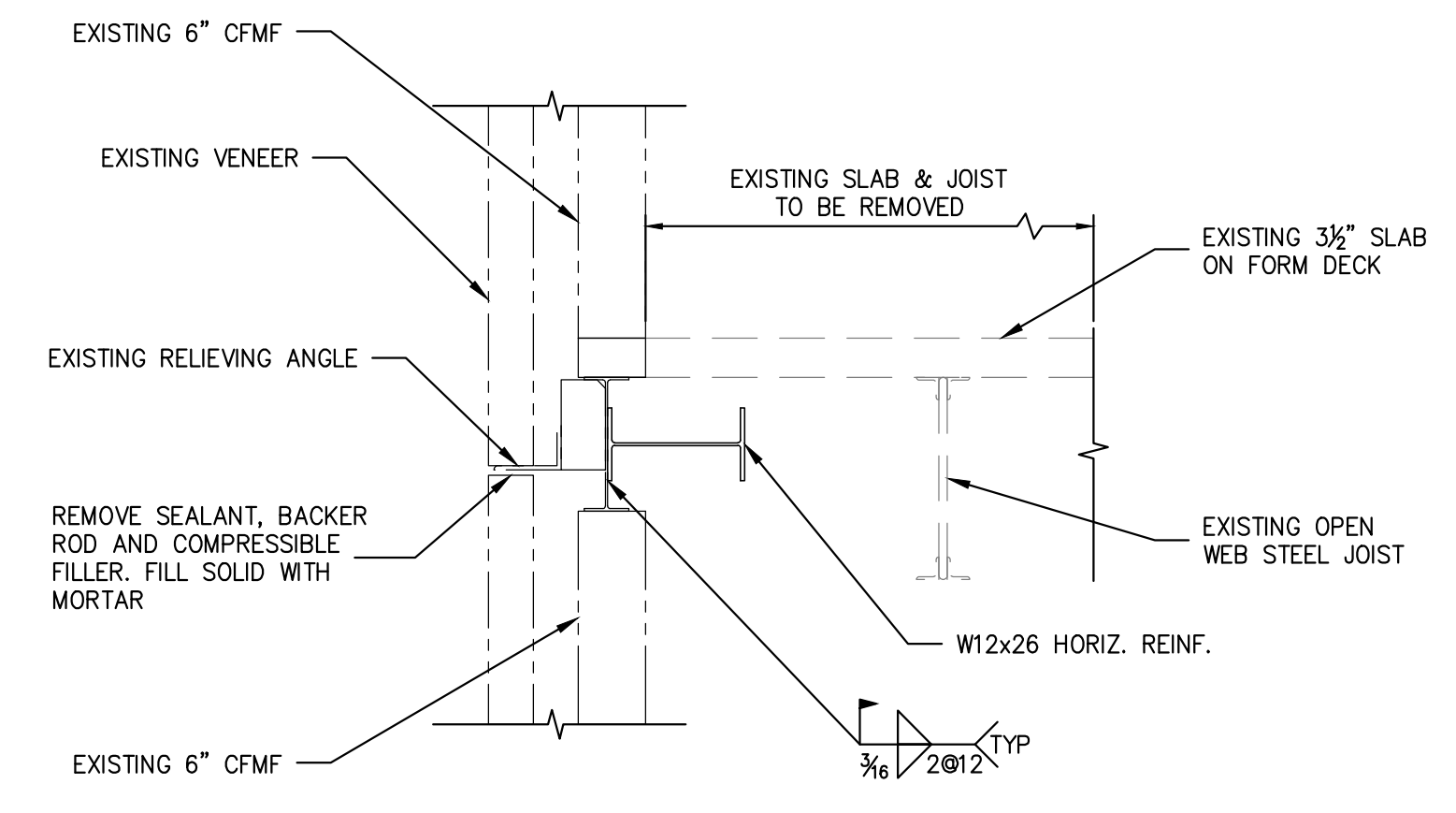
<b>RRT Engineering, LLC</b> An Affiliate of Enviro-Services & Constructors, Inc. NY COA # 0017967		<b>ROCKLAND GREEN</b> MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS 420 TORNE VALLEY ROAD, HILLBURN, NY 10931	
<b>OVERALL FRAMING SECTIONS</b>		<b>S-403</b>	
REV	DESCRIPTION	DATE	BY
B	REVISED FOR RFP ADDENDUM 6	7/23/21	MF/NE
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<b>RRT Engineering, LLC</b> 1 Huntington Quadrangle, 3501 Melville, N.Y. 11747 ph: 631-756-1060 fax: 631-756-1064		CHECKED	NE 5/6/21
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW		DESIGNED	MF 5/6/21
		APPROVED	
		PROJ. No:	499-010
		SCALE:	AS NOTED
		DWG. NO.:	S-403
		CAD FILE:	499-010 S-400
		SHEET SIZE:	D-24x36



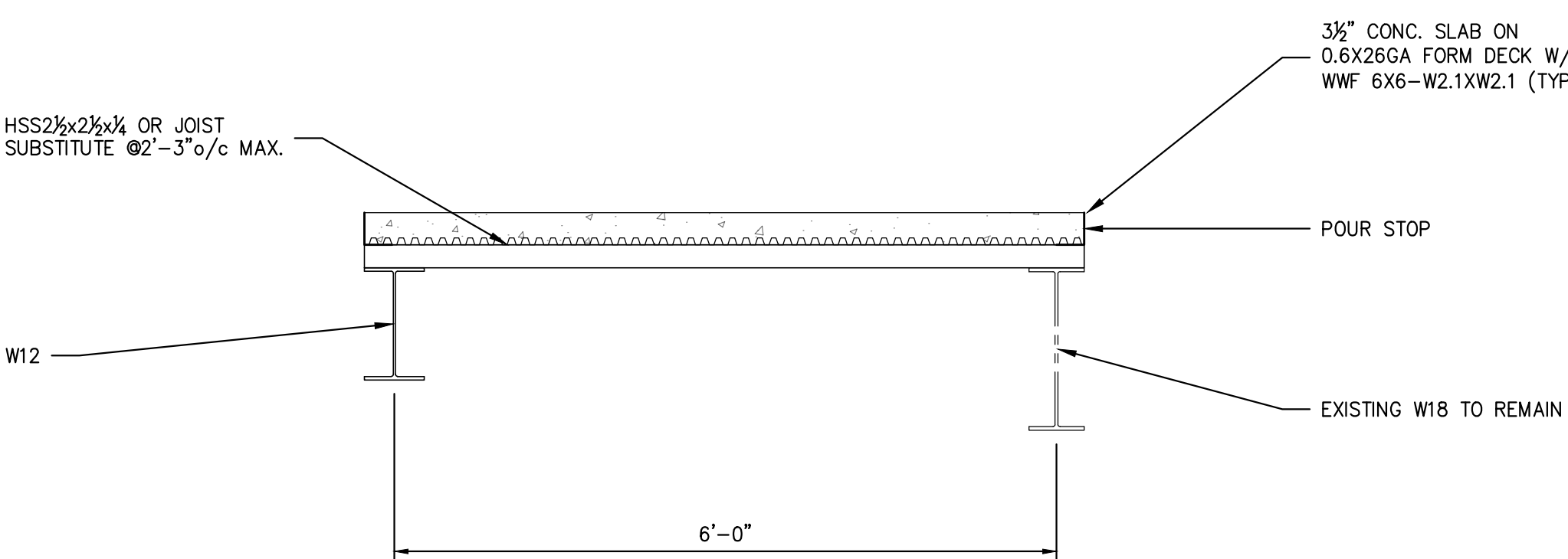
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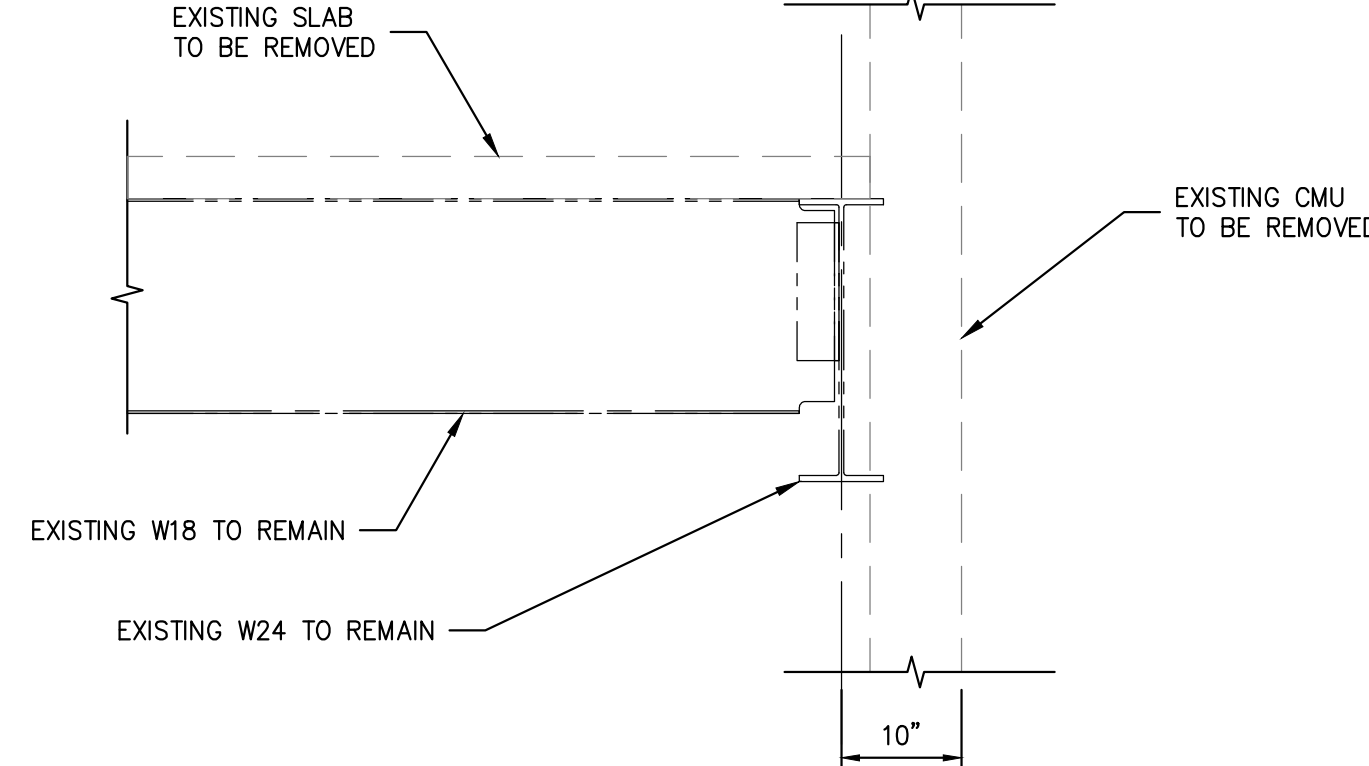
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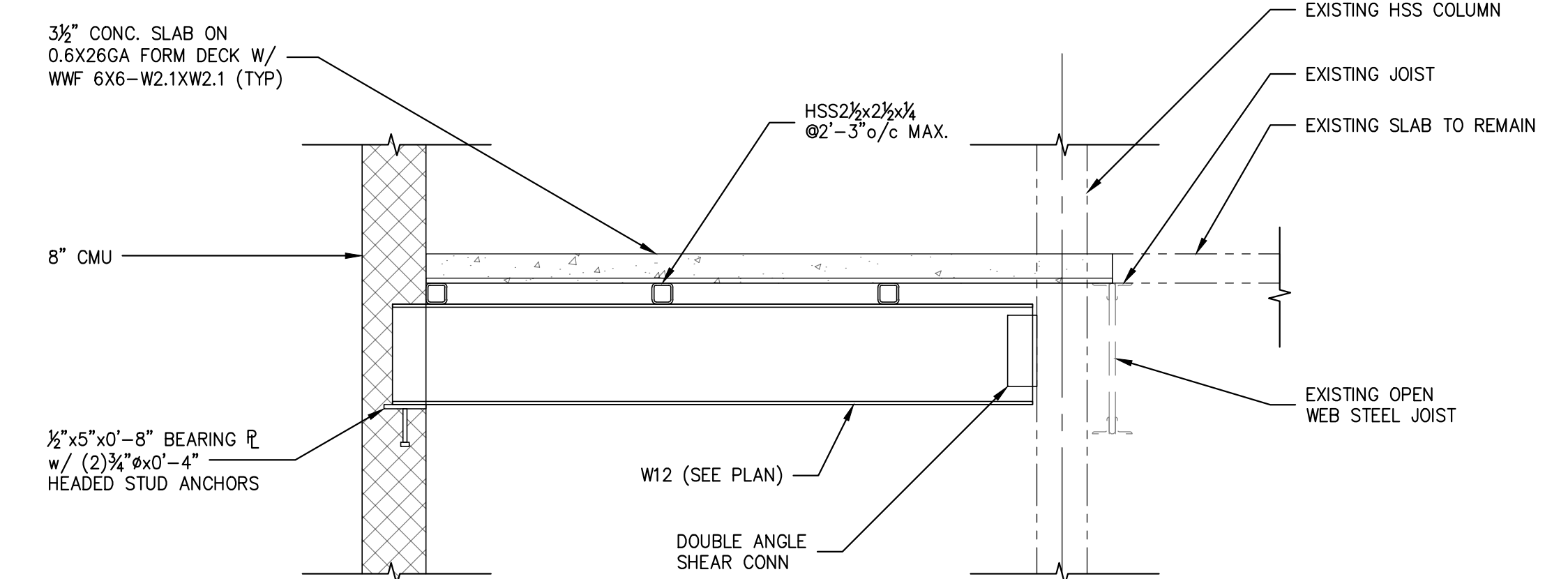
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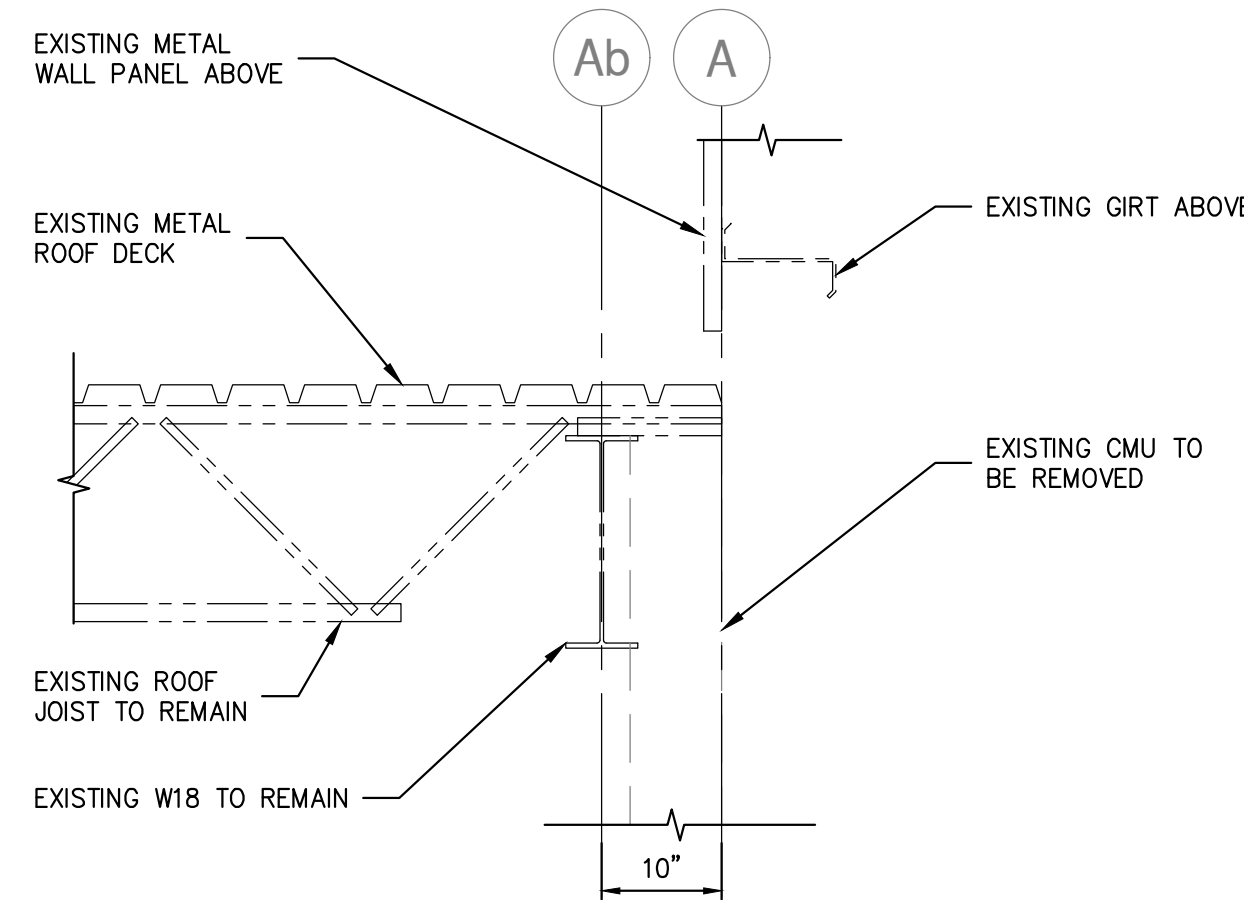
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SECTION 5  
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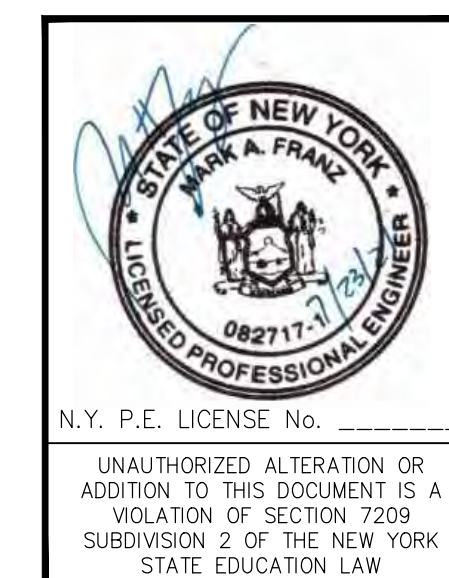
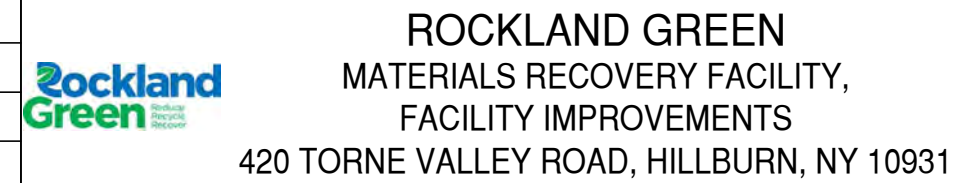
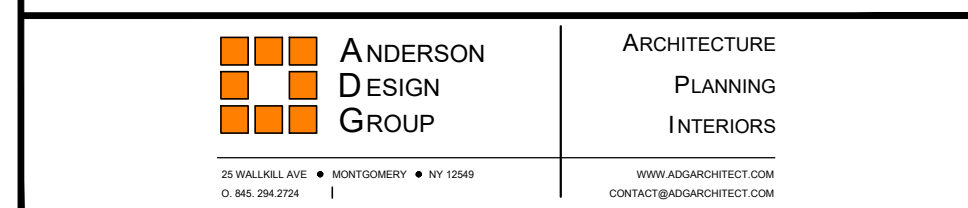
SECTION 6  
3/4"=1'-0"



SECTION 7  
3/4"=1'-0"

SEQUENCE OF DEMOLITION/CONSTRUCTION:  
 1. REMOVE EXISTING CONCRETE SLAB TO REMOVE LOAD ON PERIMETER BEAM & RELIEVING ANGLE.  
 2. REMOVE SEALANT, BACKER ROD AND COMPRESSIBLE FILLER. FILL SOLID WITH MORTAR.  
 3. REMOVE OPEN WEB STEEL JOISTS.  
 4. INSTALL W12 HORIZONTAL REINFORCING. PROVIDE SEAT TO COLUMN BOTH ENDS.

SEQUENCE OF DEMOLITION/CONSTRUCTION:  
 1. REMOVE SEALANT, BACKER ROD AND COMPRESSIBLE FILLER. FILL SOLID WITH MORTAR.  
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REV	DESCRIPTION	DATE	BY	CHK
B	REVISED FOR RFP ADDENDUM 6	7/23/21	MF	NE
			MF	NE
			NE	NE

DRAWN		BY	DATE	PROJ. No:	SCALE:
CHECKED	NE	MF	5/6/21	499-010	AS NOTED
DESIGNED	MF	MF	5/6/21		
APPROVED					
APPROVED					

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**RRT Engineering, LLC**  
 1 Huntington Quadrangle, 3501  
 Melville, N.Y. 11747  
 ph: 631-756-1060  
 fax: 631-756-1064

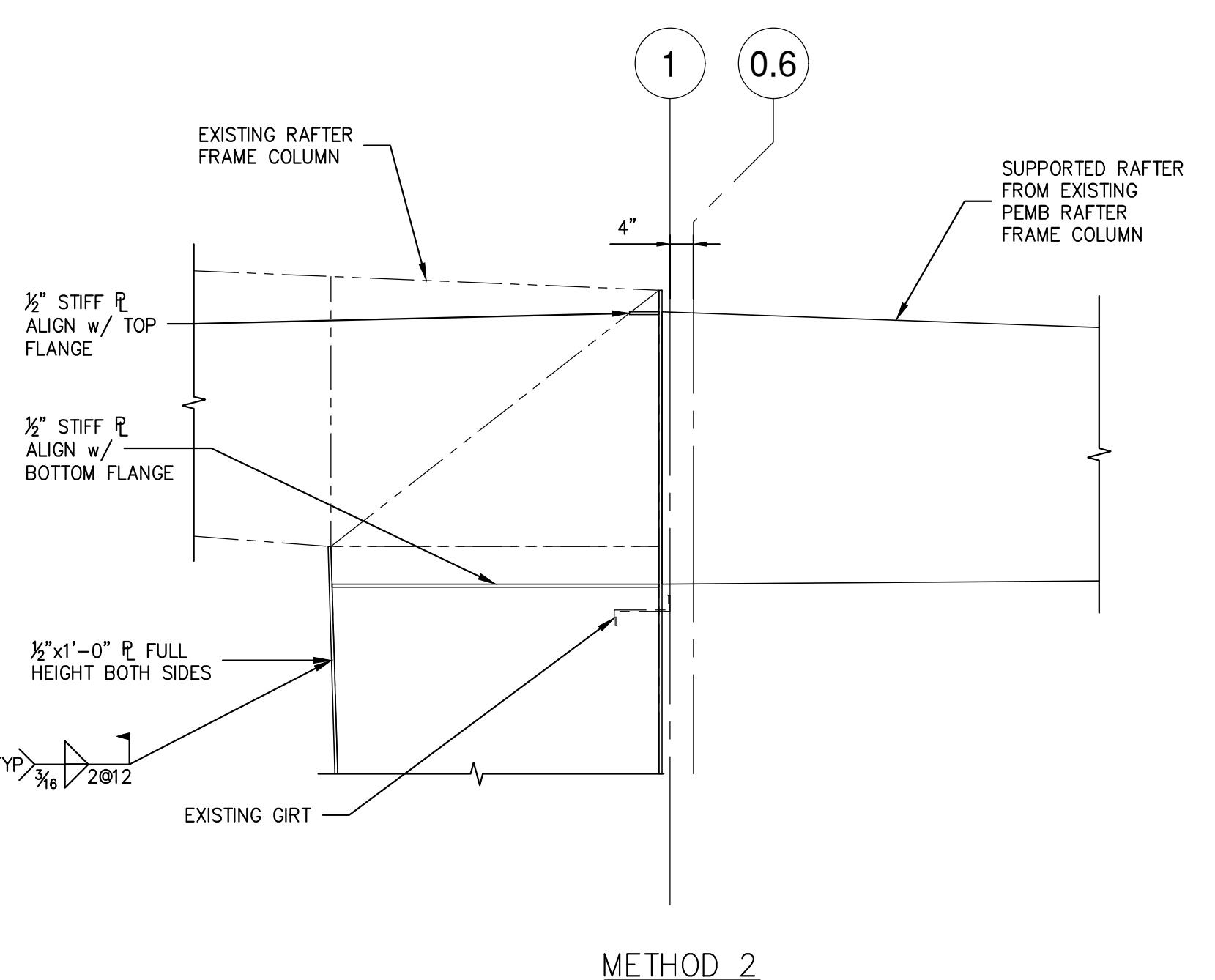
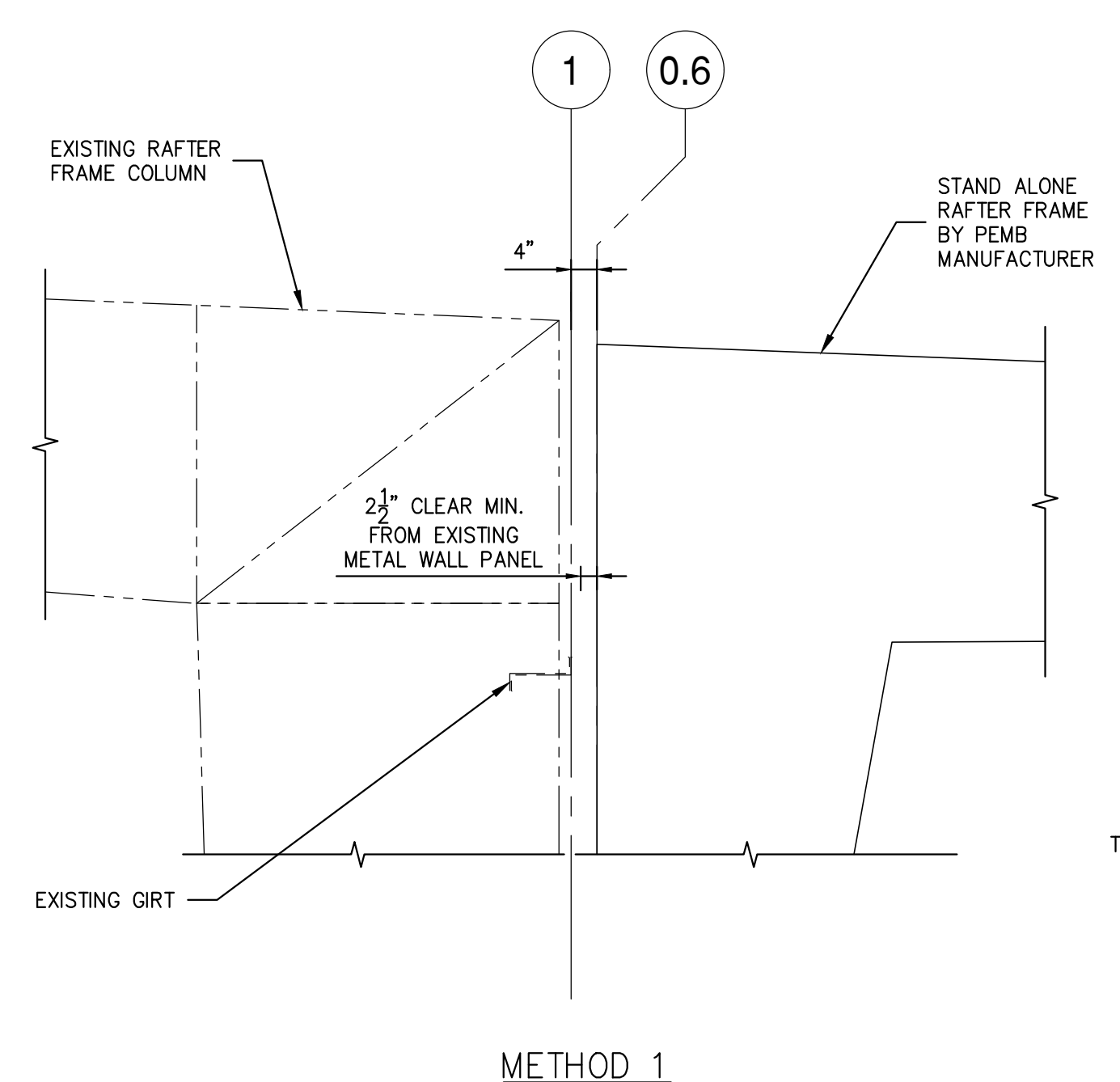
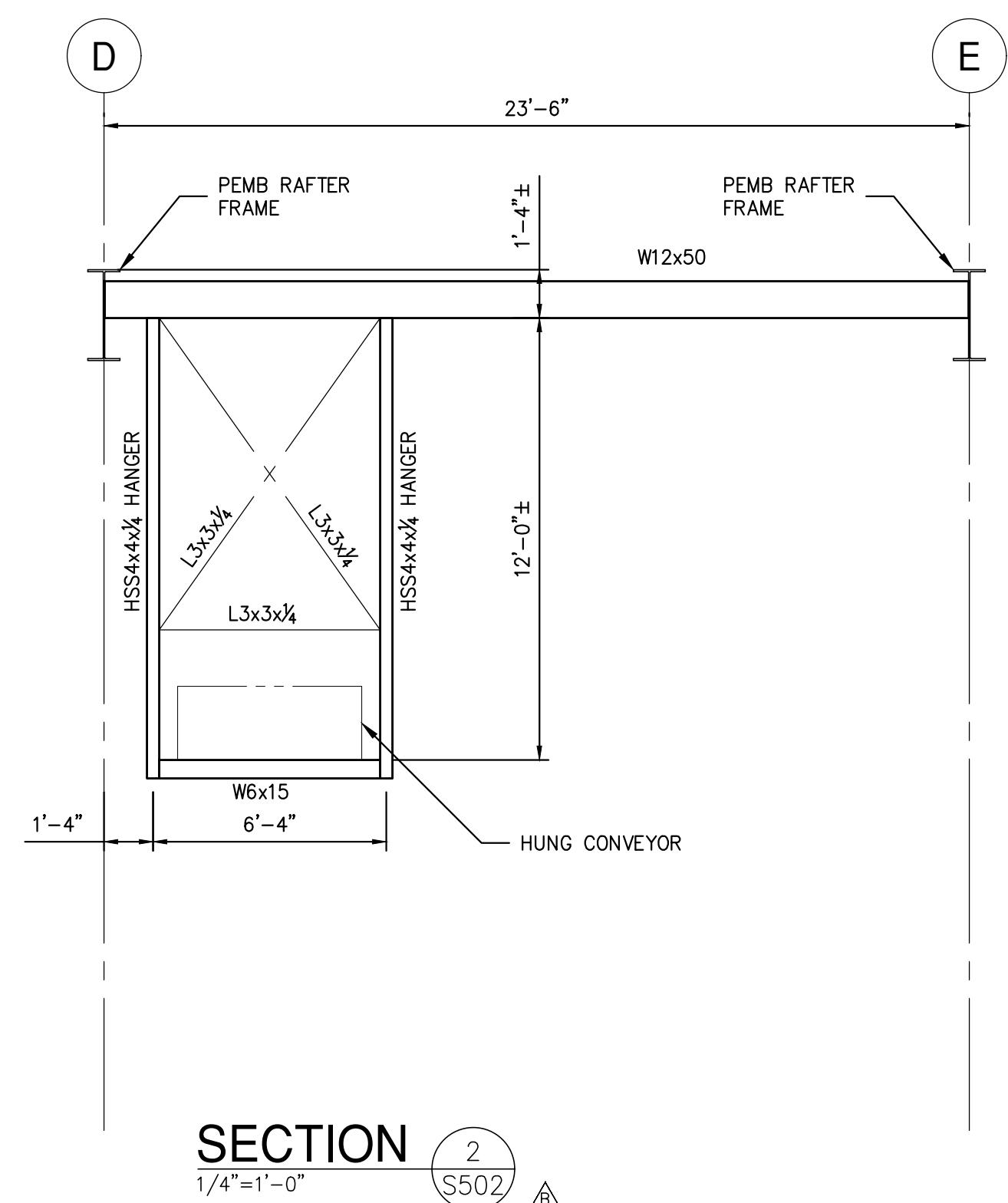
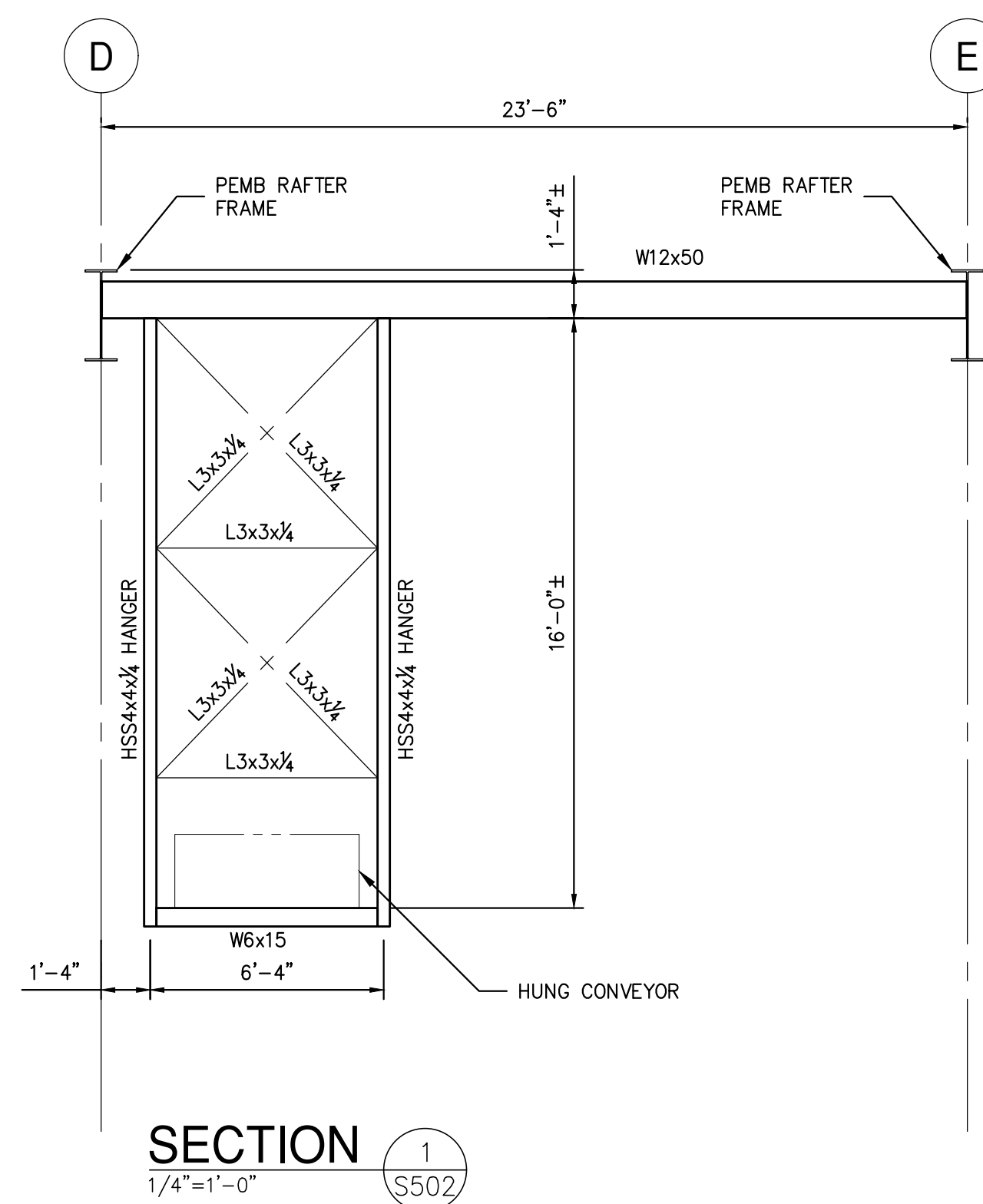
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CAD FILE: 499-010 S-500

SHEET SIZE: D-24x36

NOT FOR CONSTRUCTION

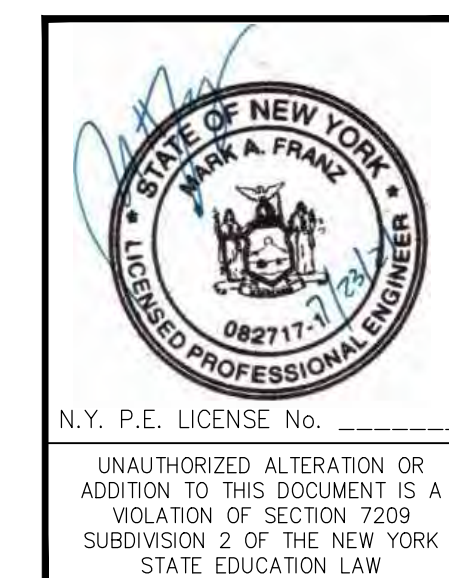
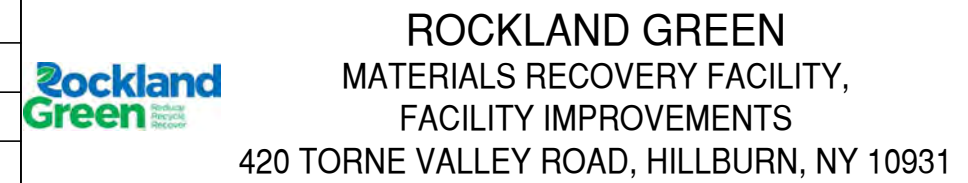
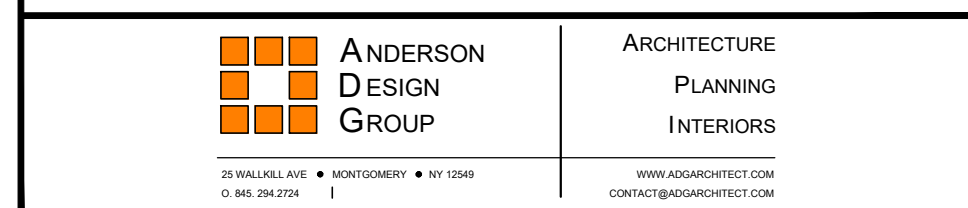




NOTES:  
PEMB ROOF STRUCTURE SHALL BE CONSTRUCTED UTILIZING ONE OF THE FOLLOWING METHODS:  
METHOD 1- SHALL BE A STAND-ALONE STRUCTURE UTILIZING NEW COLUMNS AT GRID LINE 0.6. COLUMNS SHALL BEAR ON CONCRETE PIERS WITH T/CONC. AT FINISHED FLOOR ELEVATION OR T/CONC MATCHING TOP OF WALL ELEVATION (SEE FOUNDATION PLAN).  
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SECTION 3  
3/4"=1'-0"

NOT FOR CONSTRUCTION



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B	REVISED FOR RFP ADDENDUM 6	7/23/21	MF	NE

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# ROCKLAND GREEN MRF FACILITY IMPROVEMENTS

## CONTRACT 3 - MECHANICAL

### 420 TORNE VALLEY ROAD HILLBURN NY 10931

CONSTRUCTION NOTES NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING

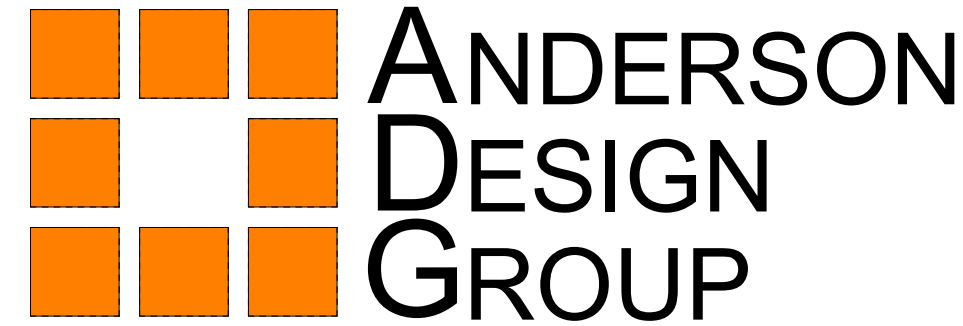


OWNER:



**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Melville, N.Y. 11747  
ph: 631-756-1060  
fax: 631-756-1064

OWNER ENGINEER:



25 WALLKILL AVE • MONTGOMERY • NY 12549  
O. 845.294.2724 | CONTACT@ADGARCHITECT.COM  
WWW.ADGARCHITECT.COM

ARCHITECT:



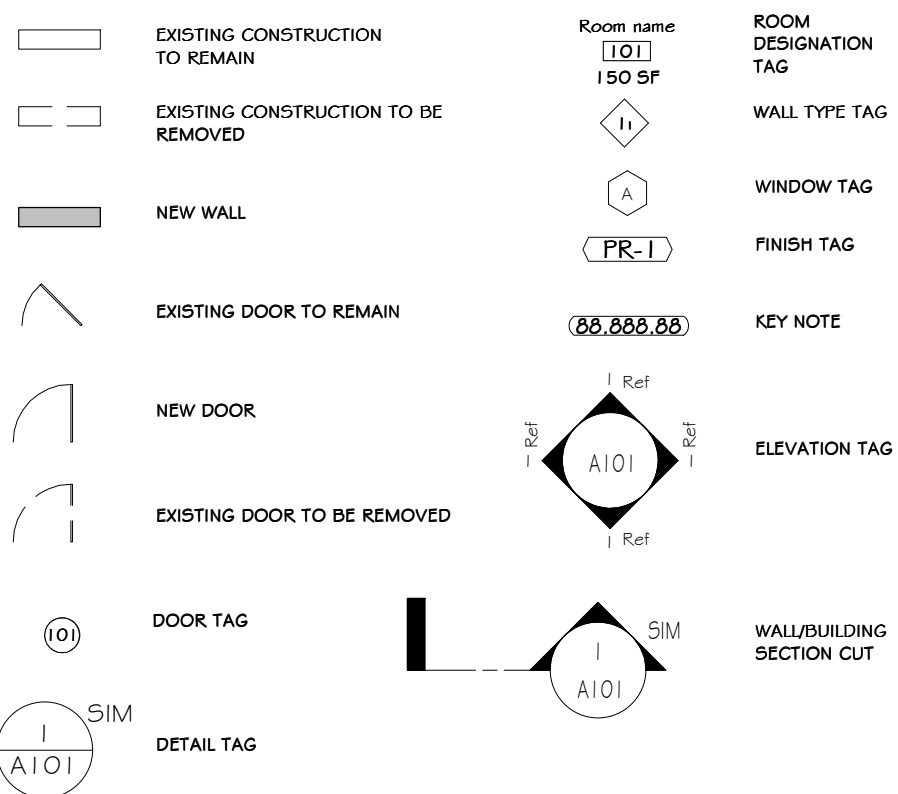
185 N. Pennsylvania Ave. Wilkes-Barre, PA 18701  
1.570.826.1000 | 1.570.825.0888 | www.mropc.com

MECHANICAL, ELECTRICAL AND PLUMBING ENGINEER:



CIVIL ENGINEER:

**LEGEND:**



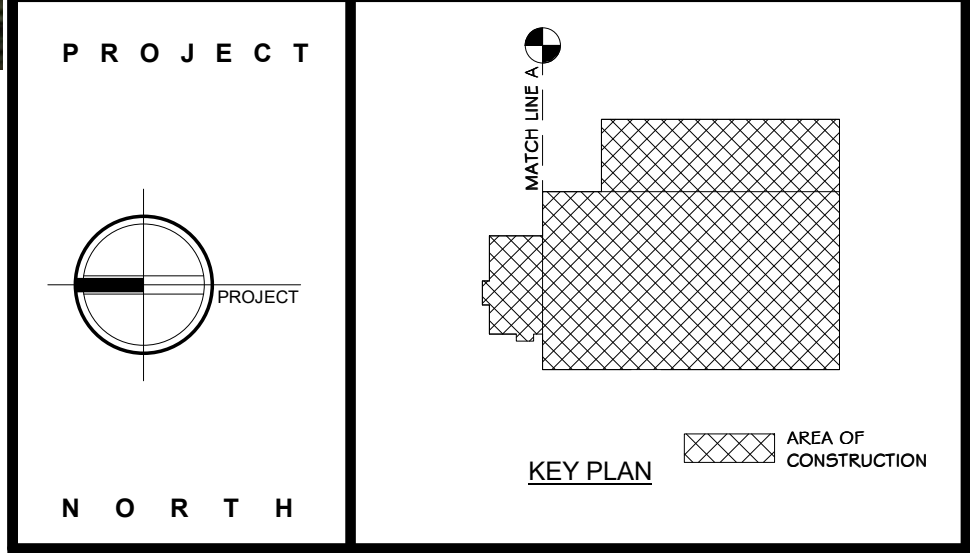
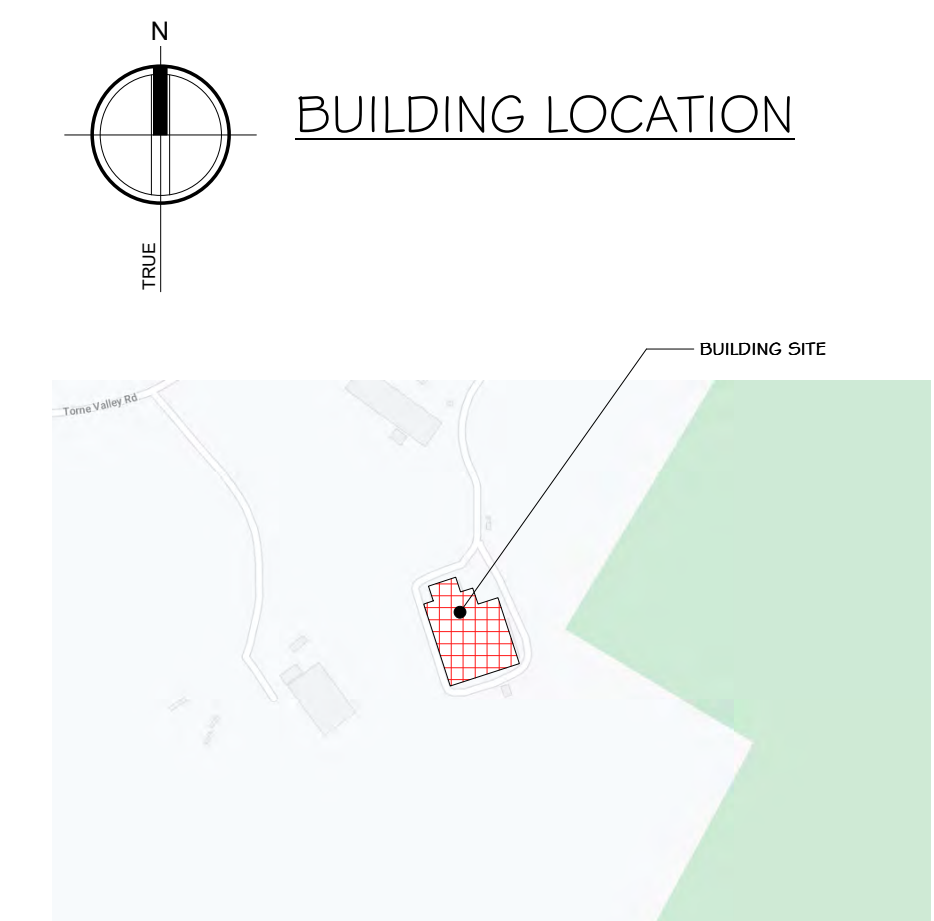
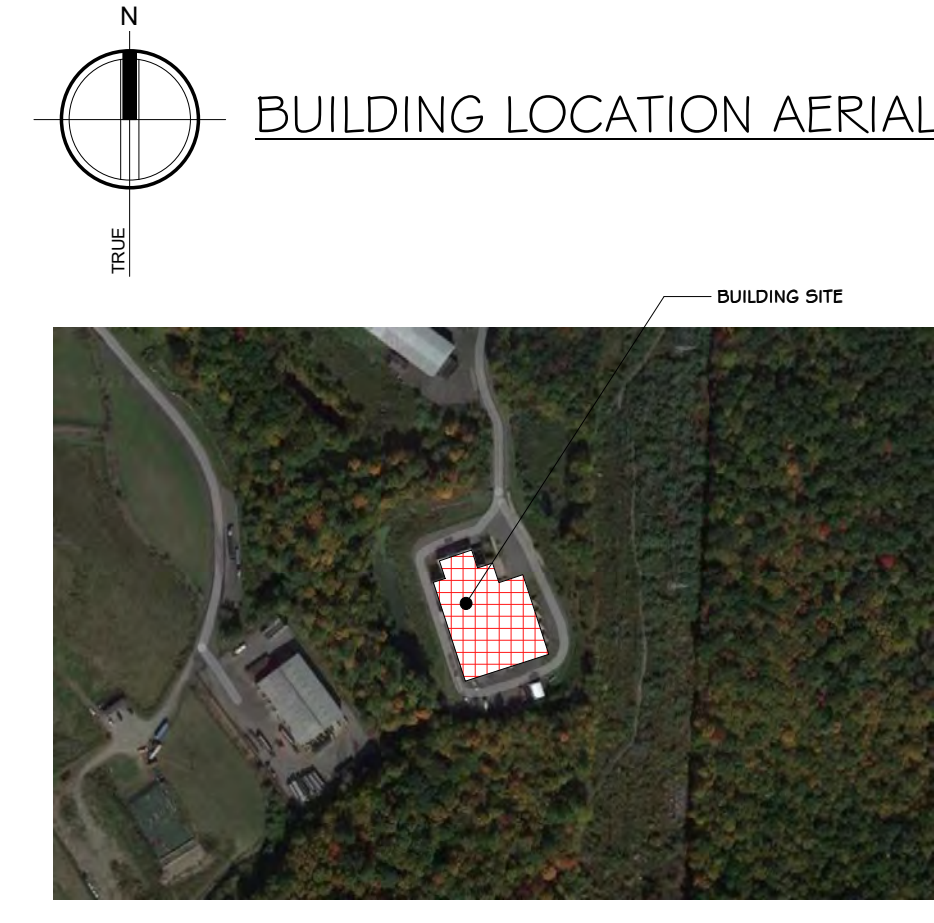
**ABBREVIATIONS:**

AB.	ANCHOR BOLT	MAT.	MATERIAL
A.C.T.	ACOUSTICAL CEILING TILE	MECH.	MECHANICAL
A.F.F.	ABOVE FINISH FLOOR	MIN.	MINIMUM
APPR.	APPROXIMATE	MIRKOR	MISCELLANEOUS
ARCH.	ARCHITECT	MISC.	MISCELLANEOUS
BSMT.	BASEMENT	MTL.	METAL
BM	BEAM	NOM.	NOMINAL
BO	BOARD	N.T.S.	NOT TO SCALE
BO.TM	BOTTOM	O.C.	ON CENTER
BULD.	BUILDING	O.H.	OVERHEAD
CAB.	CABINET	P.D.	PAINTED
CLG.	CEILING	P. LAM.	PLASTIC LAMINATE
C.T.	CERAMIC TILE	PL	PLATE
CIR.	CIRCLE	COLUMN	COLUMN
COL	COLUMN	F.S.F.	FOUNDS PER SQ. FOOT
C.J.	CONTROL JOINT	F.S.I.	FOUNDS PER SQ. INCH.
CORR.	CORRIDOR	PREFAB	PREFABRICATED
D.L.	DEAD LOAD	P.T.	PRESSURE TREATED (WOOD)
DTL.	DETAIL	RAD.	RADIUS
D.M.	DIAMETER	RLG.	RAILING
D.M.	DIMENSION	REF.	REFRIGERATOR
D.W.	DISHWASHER	REF.	REINFORCE(ED), (ING)
D.S.	DOUBLE HUNG	REV.	REVISION, (E), (ED)
DWG.	DRAWING	R.FG.	ROOFING
ELEC.	ELECTRICAL	RM.	ROOM
ELEV.	ELEVATION	SEC.	SECTION
EQ.	EQUAL	SHING.	SHEDDING
EXIST.	EXISTING	SHT.	SHEET
EXT.	EXTERIOR	SIM	SIMILAR
E.I.F.S.	EXTERIOR INSULATED FINISH SYSTEM	S.C.	SOLID CORE
FIN.	FINISH	SQ.	SQUARE
F.F.	FIREPLACE	STD.	STANDARD
FLR.	FLOOR	STO.	STORAGE
F.D.	FLOOR DRAIN	STR.	STRUCTURAL
FTG.	FOOTING	THK.	THICKNESS
FND.	FOUNDATION	THR.	THRESHOLD
FUR.	FURRED	T&G	TONGUE AND GROOVE
G.C.	GENERAL CONTRACTOR	T.O.C.	TOP OF CONCRETE
GL.	GLASS, GLAZING	T.O.B.	TOP OF BEAM
GYSB	GYP(SUM BOARD)	T.O.F.	TOP OF FOUNDATION
HDW.	HARDWARE	T.O.P.	TOP OF PLATE
HDR.	HEADER	TR	TREAD
HTG.	HEATING	TR.	TYPICAL
HVAC	HEATING/VENTILATION/AIR CONDITIONING	UNF.	UNFINISHED
HGT.	HIGHT	U.D.N.	UNLESS OTHERWISE NOTED
HORZ.	HORIZONTAL	V.B.	VAPOR BARRIER
HD	HORIZONTAL	VERT.	VERTICAL
HOS	HOSE BIBB	V.I.F.	VENTILATION
INS.	INSULATED, (ION)	W.C.	WATER CLOSET
JO.	JOIST	W.P.	WATER PROOFING
JOY.	JOIST	W.R.	WATER RESISTANT
KIT	KITCHEN	W.F.	WELDED WIRE FABRIC
LA.	LAVATORY	WN.	WINDOW
LI.	LIGHT	W/O	WITHOUT
L.L.	LIVE LOAD	WD.	WOOD
MFR.	MANUFACTURER		
MAS.	MASONRY		

SHT.	SHEET TITLE	DRAWING DATE	100% CONSTRUCTION DOCUMENT	REVISION HISTORY			CURRENT REVISION		
				02/09/21	04/09/21	06/09/21	REV. #	DATE	DESCRIPTION
M-000	TITLE SHEET_MECHANICAL	07/30/21	100%						No
M-001	LEGEND, NOTES AND DRAWING SCHEDULE	07/30/21	100%						No
M-101	PARTIAL FLOOR PLANS - MECHANICAL DEMOLITION	07/30/21	100%						No
M-102	PARTIAL FLOOR PLANS - MECHANICAL DEMOLITION	07/30/21	100%						No
M-103	PARTIAL FIRST FLOOR PLAN - MECHANICAL DEMOLITION	07/30/21	100%						No
M-201	PARTIAL FLOOR PLANS - MECHANICAL	07/30/21	100%						No
M-202	PARTIAL FIRST FLOOR PLAN - MECHANICAL	07/30/21	100%						No
M-203	ROOF PLAN - MECHANICAL	07/30/21	100%						No
M-301	DETAILS	07/30/21	100%						No
M-401	SCHEDULES	07/30/21	100%						No
M-402	SCHEDULES AND DETAILS	07/30/21	100%						No

**ROCKLAND GREEN FACILITY IMPROVEMENTS PHASING NOTE**

- Rockland Green is soliciting proposals for the construction of improvements to its existing Materials Recovery Facility (MRF), as further detailed in the Drawings and Specifications. These Facility Improvements include, but are not limited to, a building addition, site work, interior demolition work, interior build-out work, electric service upgrades and reworked mechanical, plumbing, electrical, fire sprinkler and fire alarm systems to accommodate a new state-of-the-art dual stream recyclables processing system supplied and installed under Contract No. 1 - Processing Equipment.
- The Facility Improvements are being procured through separate contracts as follows:
  - Contract No. 2 - Facility Improvements: General Construction
  - Contract No. 3 - Facility Improvements: Mechanical/HVAC
  - Contract No. 4 - Facility Improvements: Plumbing
  - Contract No. 5 - Facility Improvements: Electrical
  - Contract No. 6 - Facility Improvements: Fire Protection System
- The building has been divided into the following area designations:
  - Area 1 - Existing Tipping Area.
  - Area 2 - Existing Processing Area.
  - Area 3 - Existing Administration Area.
  - Area 4 - New Commingled Tipping Area.
  - Area 5 - New Storage & Glass Processing Area.
  - Area 6 - New Truck Loading Dock Area.
- Work shall commence on the exterior and in the Areas 1 and 2 for its Substantial Completion to be achieved prior to the start of delivery and installation of the Dual Stream Recyclables Processing System. It shall include all Work as defined in the Contract Drawings, Specifications, and RFP Appendices. It shall also include all rough-in associated with Mechanical, Electrical, Plumbing, and Fire Protection Equipment. All final connections of Mechanical, Electrical, Plumbing and Fire Protection (including equipment fire sprinkler system) in Areas 1 and 2 shall be completed prior to the start-up of processing equipment.
- Work in Area 3 shall be sequenced to allow efficient access and use of existing space for Contractors on-site as approved by the Engineer and shall be completed for Contract Nos. 2-6 shall achieve Substantial Completion prior to the required date for the Operator to mobilize on-site and have partial occupancy and use of Area 3. Additionally, any Work by Contract Nos. 1 and 3-6 related to all other Areas 1, 2, 4-6 and the site work/exterior shall progress and be completed to support and not delay the overall Project Schedule.
- Contract Nos. 2-6 Work in Areas 4 - 6 shall be sequenced by each applicable Contractor to make most use and access of working space where the building erection is complete, so the work of Contract No. 1 can proceed efficiently. All work to be coordinated between the Contractors.



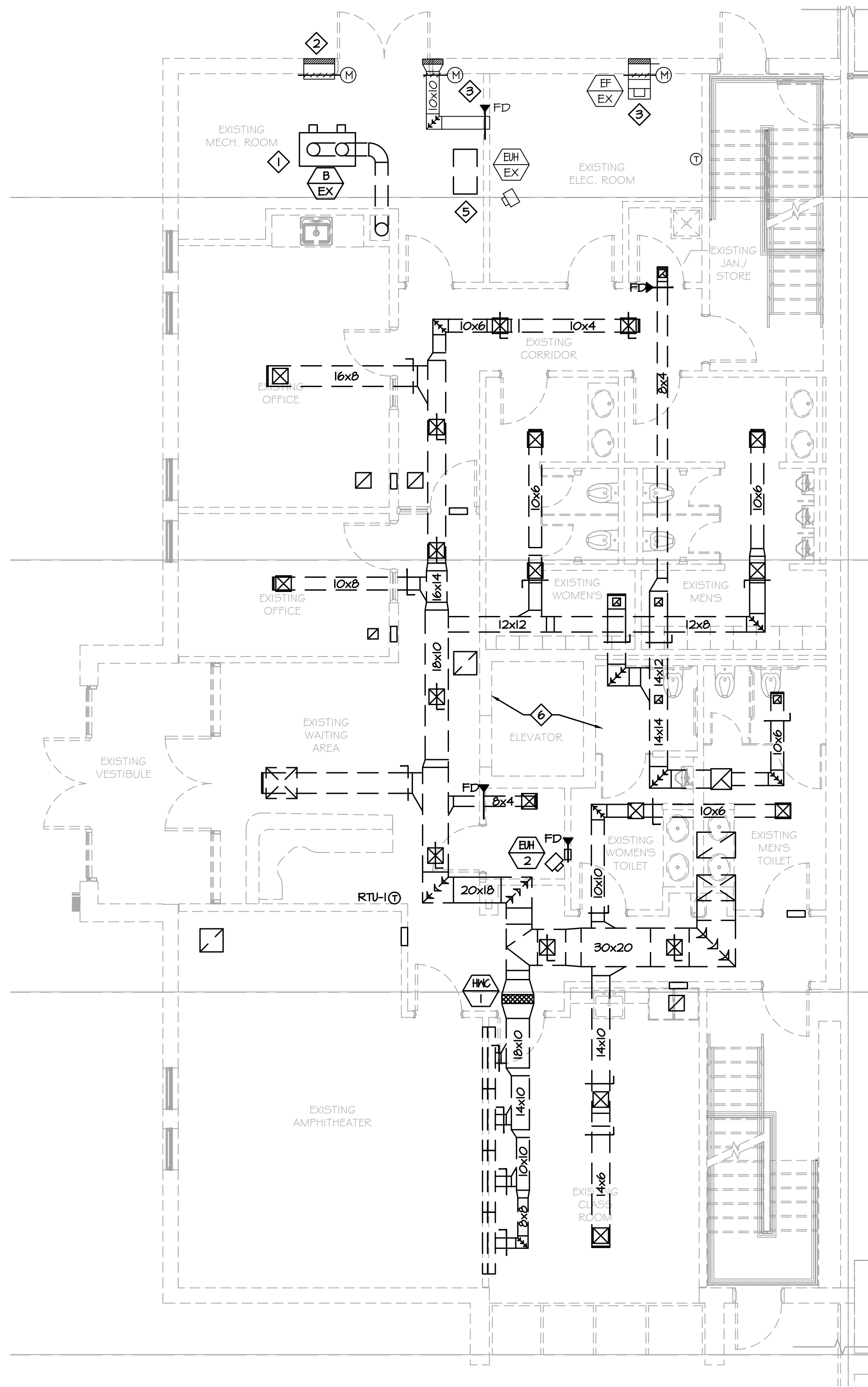
ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

BY		DATE	PROJ. No: 499-010	SCALE: AS SHOWN
DRAWN	IDA	07/09/21		
CHECKED		07/09/21	DWG. NO: M-000	A
DESIGNED		07/09/21		
APPROVED		07/09/21	CAD FILE:	
APPROVED		07/09/21	SHEET SIZE: D-24x36	REV

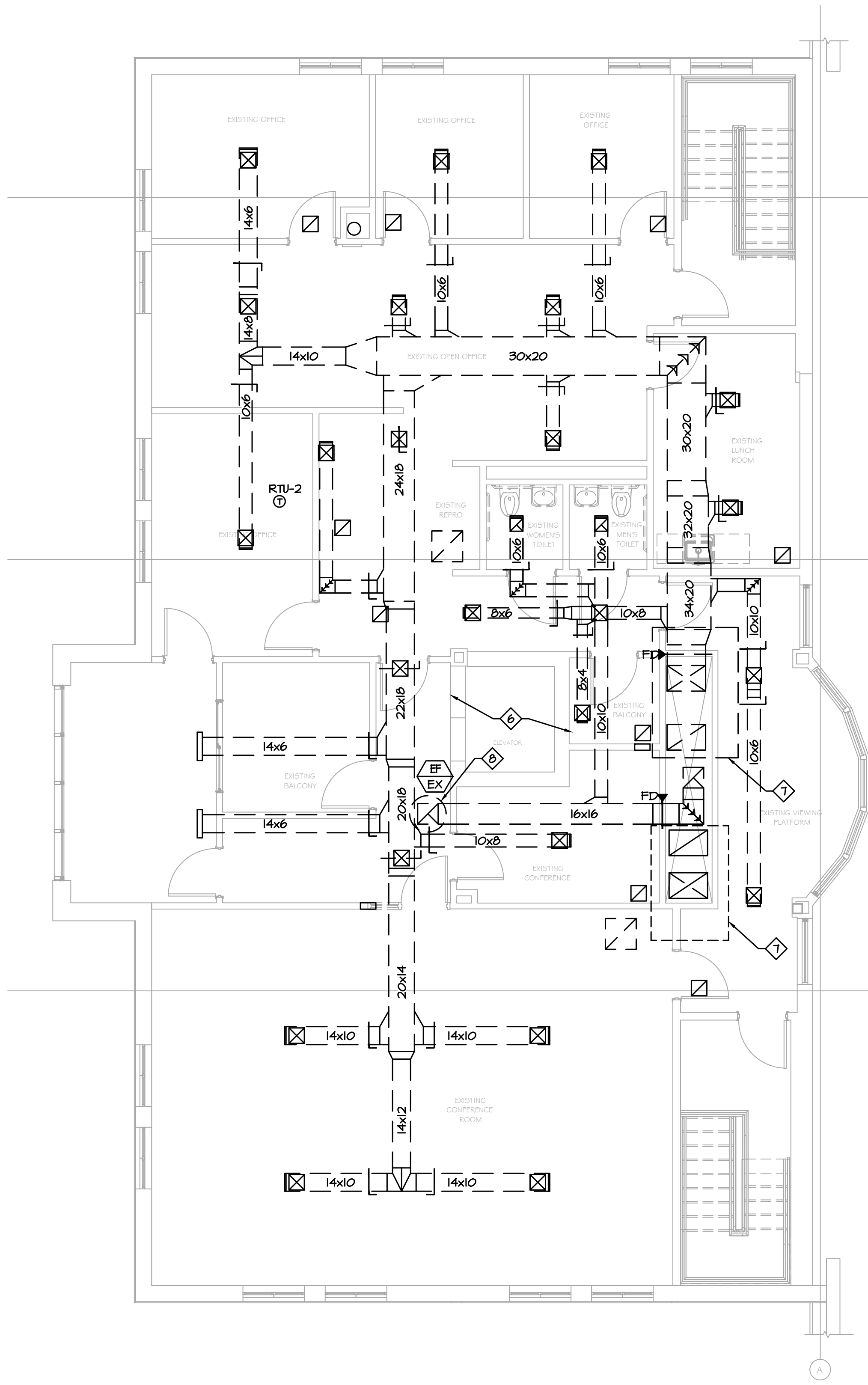


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**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501  
Melville, N.Y. 11747  
ph: 631-756-1060  
fax: 631-756-1064





1 PARTIAL FIRST FLOOR PLAN - MECHANICAL DEMOLITION  
M-101 SCALE: 3/16"=1'-0"



2 PARTIAL SECOND FLOOR PLAN - MECHANICAL DEMOLITION  
M-101 SCALE: 3/16"=1'-0"

DEMOLITION NOTES:

- 1 REMOVE EXISTING BOILER, HOT WATER PUMP, EXPANSION TANK, AND ALL RELATED HOT WATER SYSTEM COMPONENTS IN THEIR ENTIRETY.
- 2 REMOVE AND RETAIN EXISTING INTAKE LOUVER AND DAMPER FOR REINSTALLATION - SEE NEW WORK PLAN.
- 3 REMOVE AND RETAIN EXISTING LOUVER AND DUCTWORK FOR REINSTALLATION - SEE NEW WORK PLAN. REMOVE EXISTING FIRE DAMPER - NOT REQUIRED FOR NEW INSTALL.
- 4 REMOVE EXHAUST LOUVER, EXHAUST FAN, AND RELATED DUCTWORK AND DEVICES AND RETAIN FOR REINSTALLATION TO AVOID NEW ELECTRICAL SWITCHGEAR - SEE NEW WORK PLAN.
- 5 REMOVE EXISTING ATC AIR COMPRESSOR, AIR DRYER AND ALL RELATED APPURTENANCES IN THEIR ENTIRETY. ALL EXISTING PNEUMATIC CONTROL SYSTEM DEVICES, TUBING, ETC. SHALL BE REMOVED IN THEIR ENTIRETY. NEW CONTROLS SHALL BE ALL ELECTRONIC/DDC.
- 6 REMOVE ALL EXISTING SUPPLY, RETURN, AND EXHAUST DUCTWORK THROUGHOUT THE ADMINISTRATION BUILDING IN ITS ENTIRETY INCLUDING ALL DIFFUSERS, REGISTERS, GRILLES, DAMPERS, SUPPORTS, HANGERS, AND RELATED DEVICES. NOTHING SHALL REMAIN FROM EXISTING SYSTEMS AT COMPLETION OF DEMOLITION UNLESS SPECIFICALLY NOTED OTHERWISE.
- 7 REMOVE ROOFTOP UNIT IN ITS ENTIRETY.
- 8 REMOVE ROOFTOP FAN IN ITS ENTIRETY.

PROJECT

NORTH

KEY PLAN

AREA OF CONSTRUCTION

**STERLING**  
Sterling Environmental Engineering, P.C.

**martin rogers**  
ENGINEERING CONSULTANTS  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
1-717-852-0900 | 1-717-852-0888 | www.mrogroup.com

ARCHITECTURE  
PLANNING  
DESIGN  
INTERIORS

**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN  
MATERIALS RECOVERY FACILITY,  
FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

PARTIAL FLOOR PLANS -  
MECHANICAL DEMOLITION



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REV	DESCRIPTION	DATE	BY	CHK
A	ISSUED FOR RFP	7/30/21	BJZ	XX

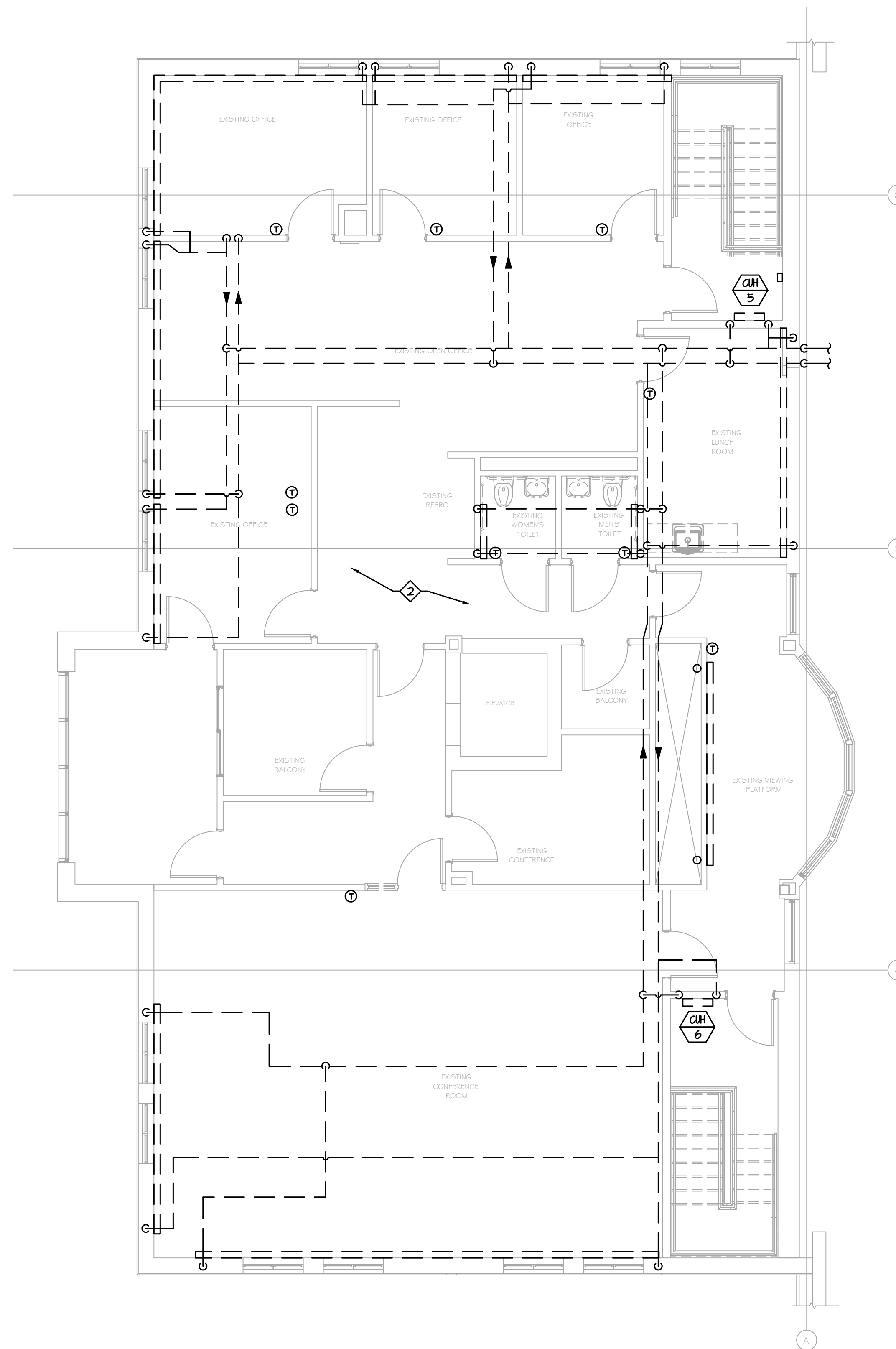
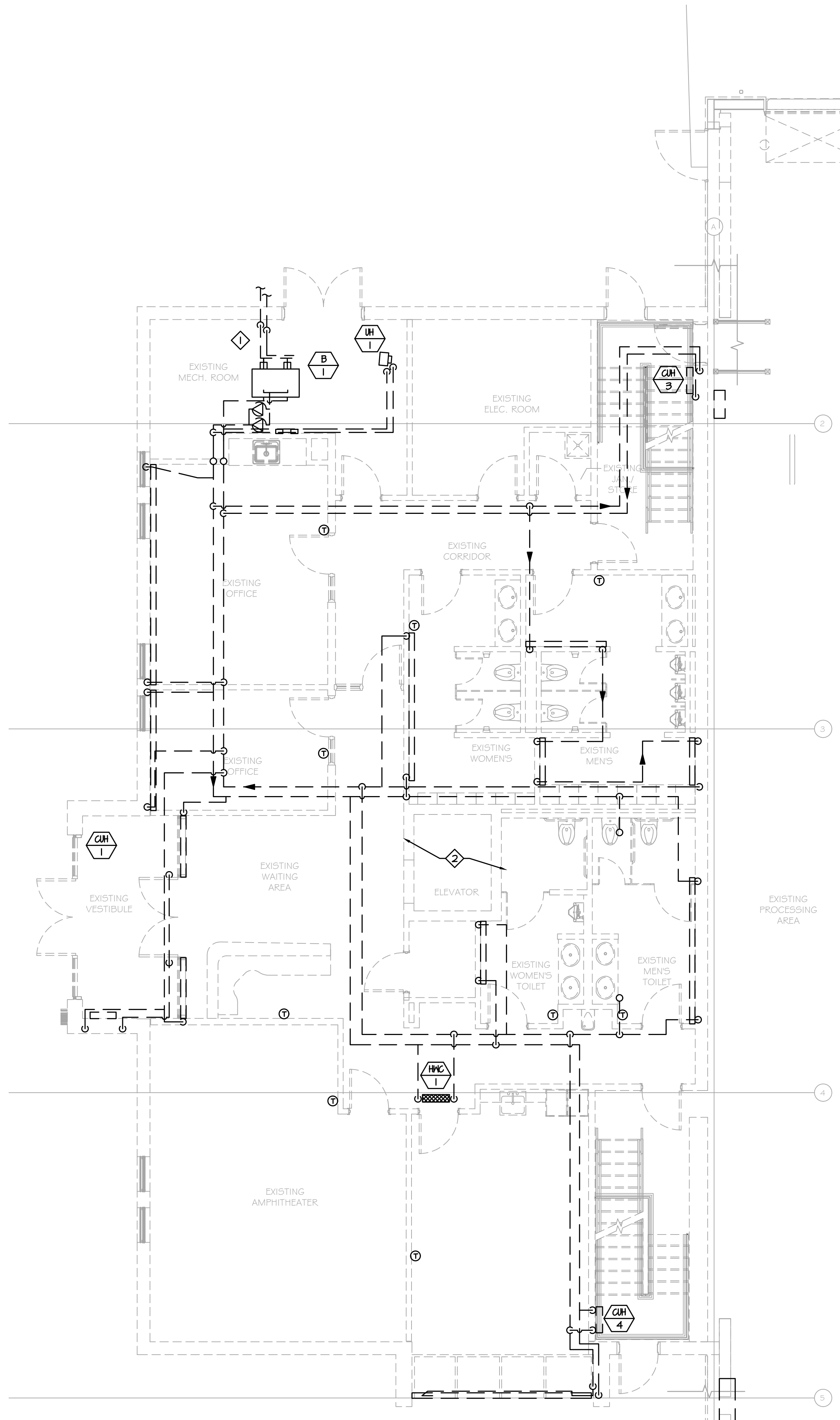
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APPROVED				
APPROVED				

DWG. NO:	M-101	REV	A
CAD FILE:	N:\2021\21080\MEP\21033 M-101.dwg		
SHEET SIZE:	D-24x36		

NOT FOR CONSTRUCTION

**DEMOLITION NOTES:**

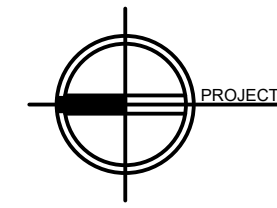
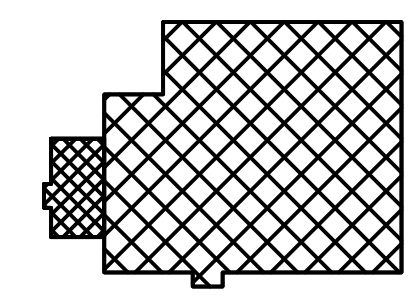

- ① REMOVE EXISTING BOILER, HOT WATER PUMP, EXPANSION TANK, AND ALL RELATED HOT WATER SYSTEM COMPONENTS IN THEIR ENTIRETY. REMOVE EXISTING FUEL PUMPS AND PIPING TO 5'-0" OUTSIDE BUILDING FOOTPRINT.
- ② REMOVE ALL EXISTING HOT WATER PIPING THROUGHOUT THE FACILITY IN ITS ENTIRETY INCLUDING ALL HOT WATER TERMINAL DEVICES, DUCT COILS, UNIT HEATERS, CABINET HEATERS, RADIATORS, HANGERS, AND RELATED DEVICES. NOTHING SHALL REMAIN FROM EXISTING SYSTEMS AT COMPLETION OF DEMOLITION UNLESS SPECIFICALLY NOTED OTHERWISE.



1 PARTIAL FIRST FLOOR PLAN - MECHANICAL DEMOLITION  
M-102 SCALE: 3/16"=1'-0"


2 PARTIAL SECOND FLOOR PLAN - MECHANICAL DEMOLITION  
M-102 SCALE: 3/16"=1'-0"

NOT FOR CONSTRUCTION


<b>PROJECT</b>		
NORTH		KEY PLAN  AREA OF CONSTRUCTION

**STERLING**  
Sterling Environmental Engineering, P.C.

**martinrogers**  
ENGINEERING CONSULTANTS  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
1-717-852-2000 | 1-717-852-0888 | www.mro.com

	ARCHITECTURE PLANNING DESIGN GROUP	ARCHITECTURE PLANNING INTERIORS
---	---	---------------------------------------

 **RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

 **ROCKLAND GREEN**  
MATERIALS RECOVERY FACILITY,  
FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

REV	DESCRIPTION	DATE	BY	DATE	PROJ. No:	SCALE:
A	ISSUED FOR RFP	7/30/21	BJZ	7/30/21	499-010	



N.Y. P.E. LICENSE No. 083339  
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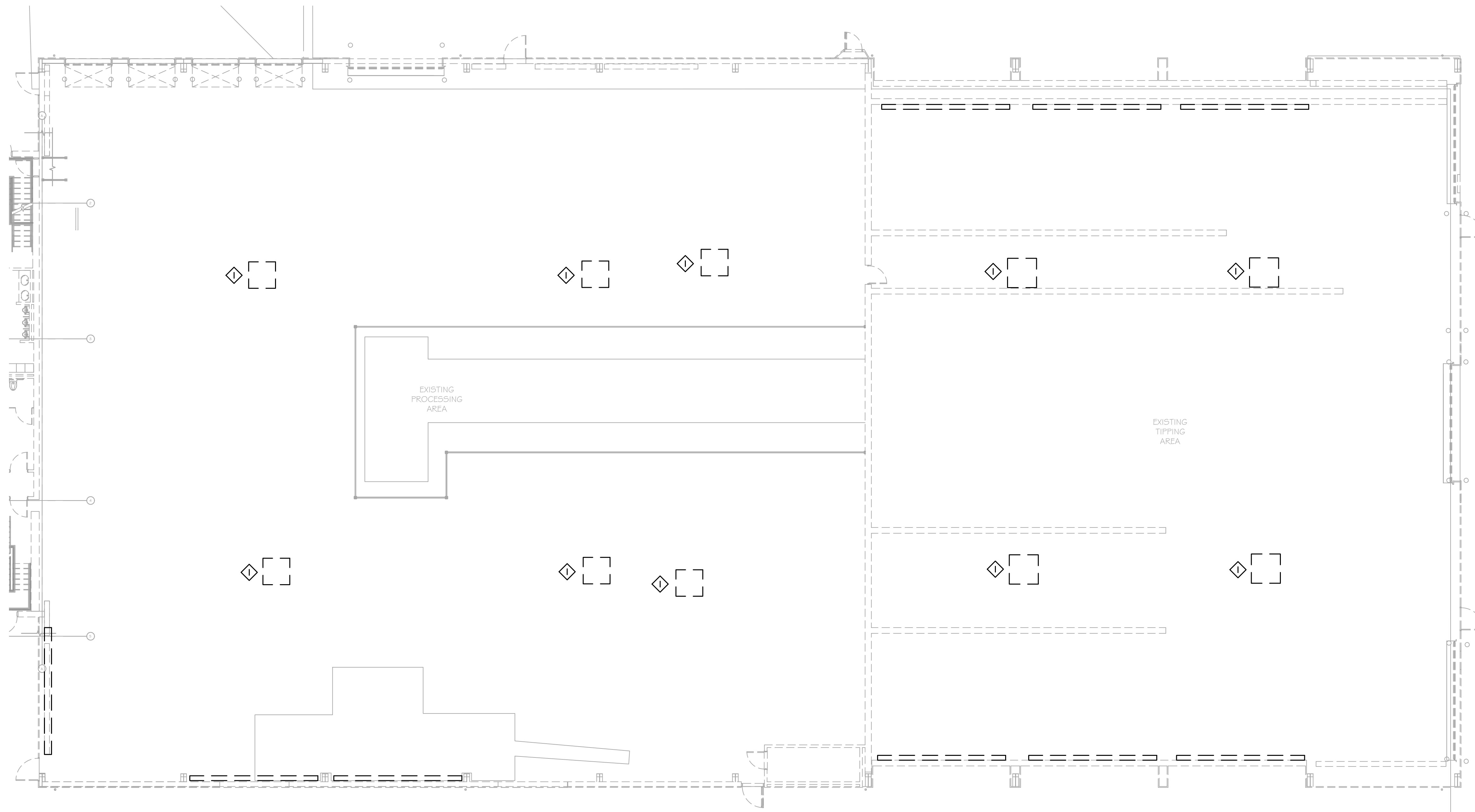
**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3581  
Melville, N.Y. 11747  
ph: 631-756-1069  
fax: 631-756-1064

DRAWN	BY	DATE	PROJ. No:	SCALE:
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DESIGNED	BJZ	7/30/21		
APPROVED				


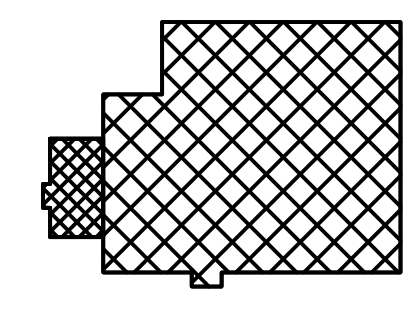
DWG. NO: M-102  
CAD FILE: N:\2021\1000\MF21103 M-102.DWG  
SHEET SIZE: D-24x36  
REV

NOTES:

◇ REMOVE EXISTING ROOF CURB AND ANY RELATED DUCTWORK. EXISTING ROOF OPENING SHALL REMAIN AND BE MODIFIED AS REQUIRED TO ACCOMMODATE NEW HVAC EQUIPMENT. REFER TO M-203 FOR DETAILS.




1 PARTIAL FIRST FLOOR PLAN MECHANICAL DEMOLITION  
M-103 SCALE: 3/32"=1'-0"

PROJECT	 NORTH	 KEY PLAN
---------	--	---

**STERLING**  
Sterling Environmental Engineering, P.C.

**martinrogers**  
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1-717-852-0900 | 1-717-852-0888 | www.mrope.com

 ANDERSON DESIGN GROUP	ARCHITECTURE PLANNING INTERIORS
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NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN  
MATERIALS RECOVERY FACILITY,  
FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

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A	ISSUED FOR RFP	7/30/21	BJZ	XX

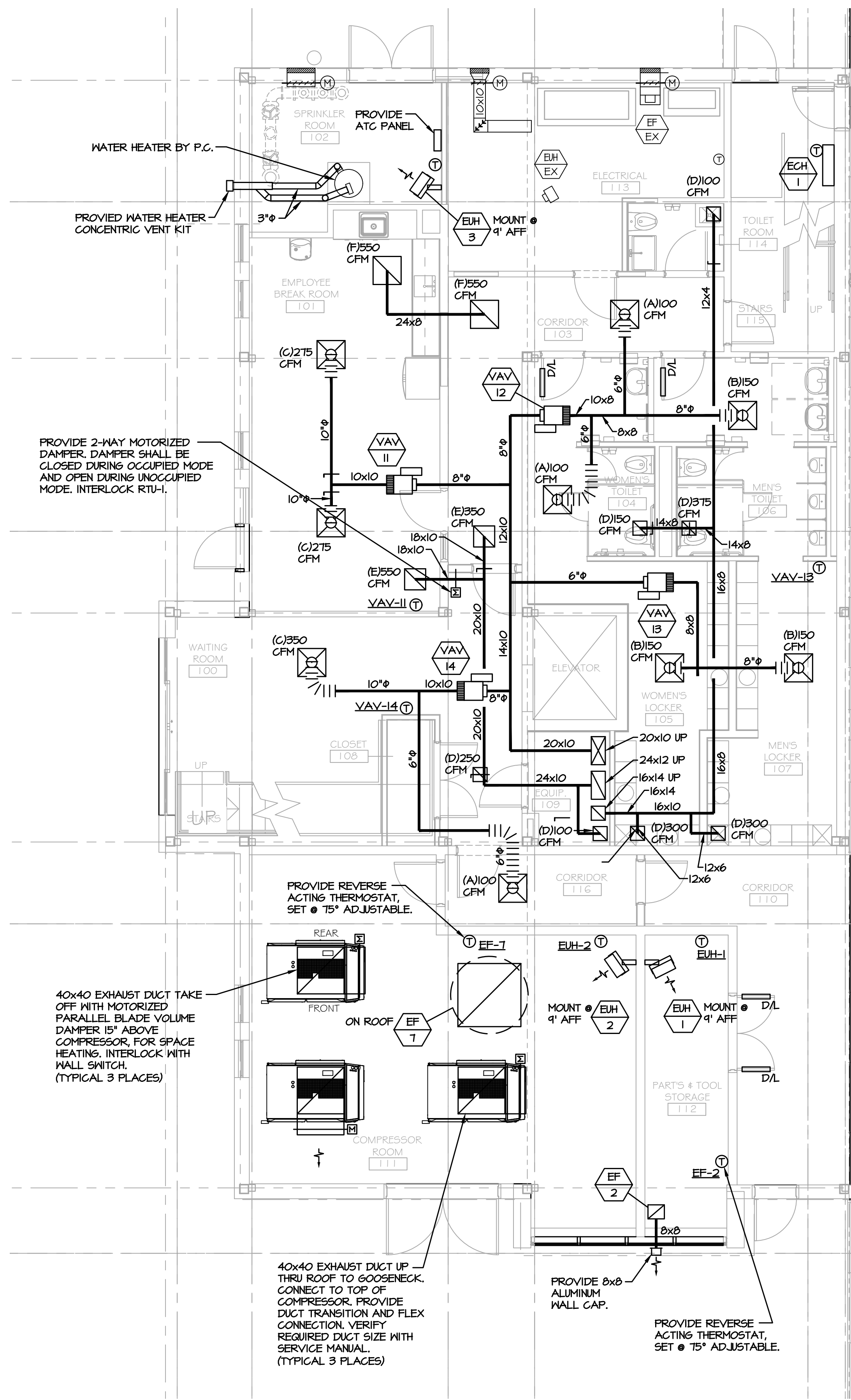


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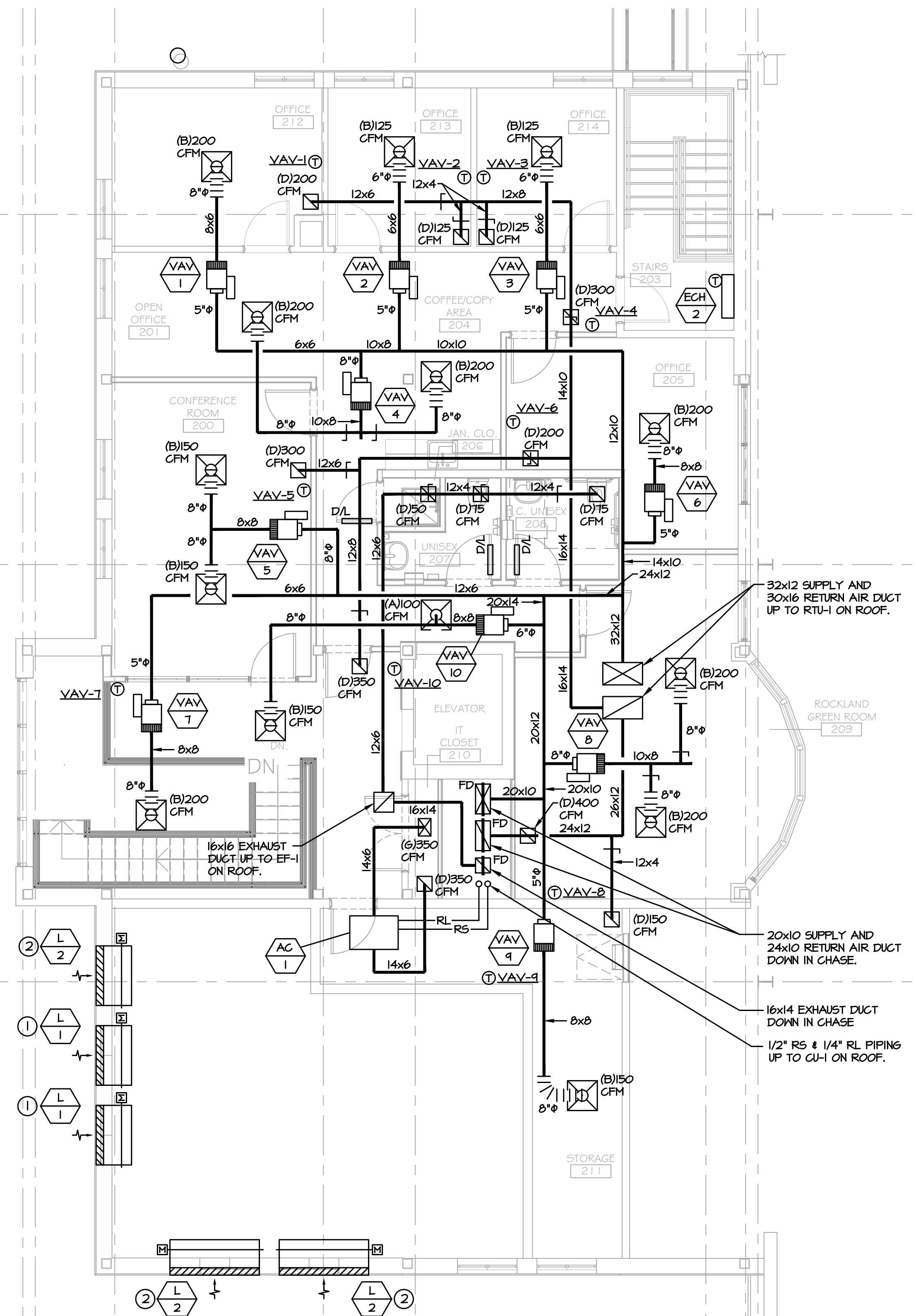
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DWG. NO.:	M-103	CAD FILE:	N:\2021\1033\MEP\21033 M-103.DWG
APPROVED		SHEET SIZE:	D-24x36

DRAWN	BY	DATE	PROJ. No:	499-010	SCALE:	
CHECKED	BJZ	7/30/21	DWG. NO.:	M-103		A
DESIGNED	BJZ	7/30/21	CAD FILE:	N:\2021\1033\MEP\21033 M-103.DWG		
APPROVED			SHEET SIZE:	D-24x36		REV

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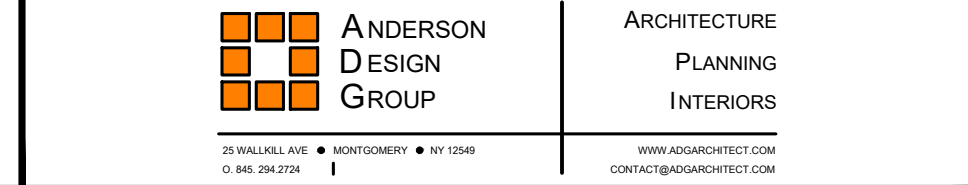
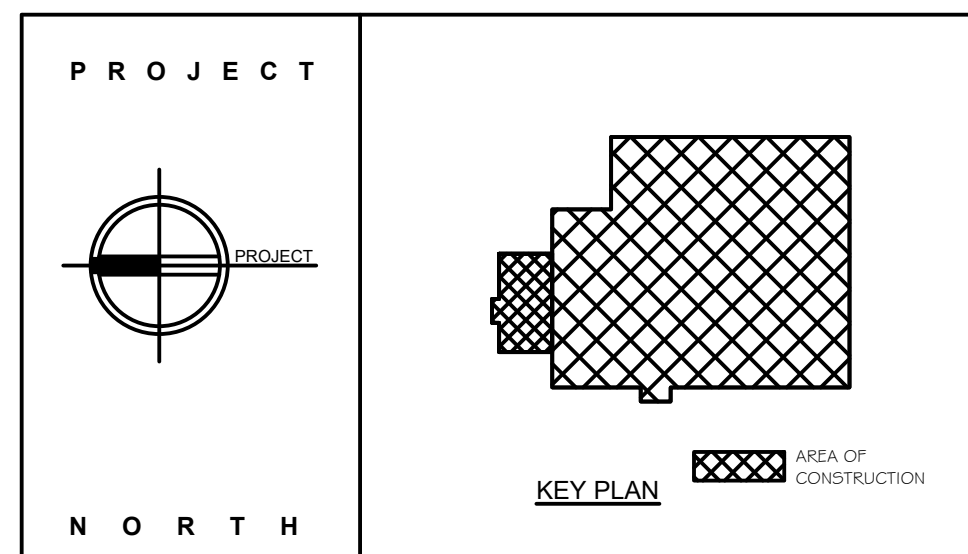
**1 PARTIAL FIRST FLOOR PLAN - MECHANICAL**  
M-201 SCALE: 3/16"=1'-0"



**2 PARTIAL SECOND FLOOR PLAN - MECHANICAL**  
M-201 SCALE: 3/16"=1'-0"

**MECHANICAL INSTALLATION NOTES:**

- INSTALL LOUVER IN EXISTING WINDOW OPENING. PROVIDE WOOD BLOCKING AS REQUIRED. VERIFY OPENING SIZE IN FIELD PRIOR TO PURCHASING LOUVER.
- INSTALL LOUVER IN EXISTING WALL. LINTEL SHALL BE PROVIDED BY STRUCTURAL CONTRACTOR. ALIGN NEW OPENING WITH EXISTING WINDOW.



**ROCKLAND GREEN**  
MATERIALS RECOVERY FACILITY,  
FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**PARTIAL FLOOR PLANS - MECHANICAL**



ISSUED FOR RFP	7/30/21
DATE	7/30/21
BY	BJZ
CHK	XX

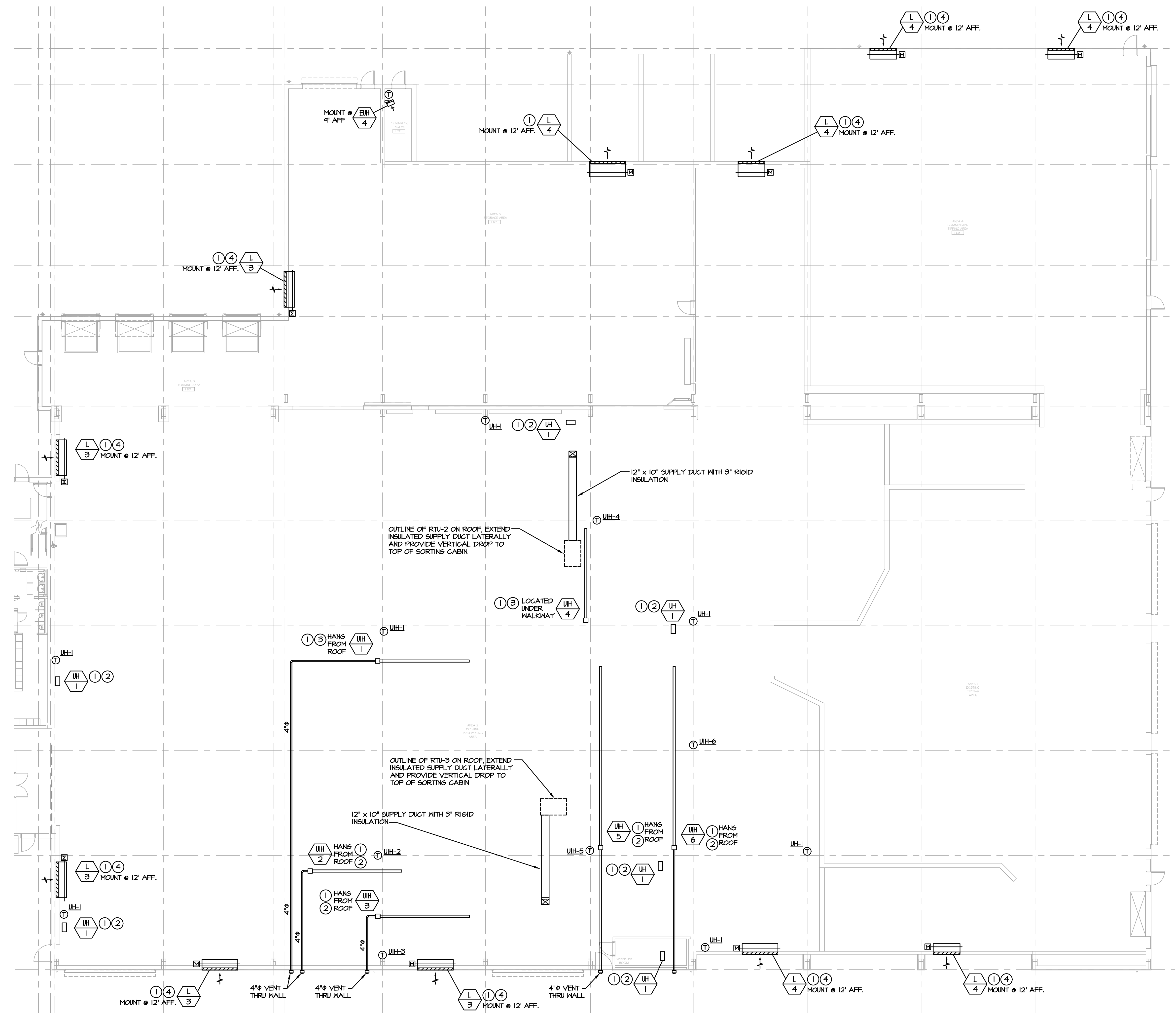
PROJ. No:	499-010
SCALE:	
DWG. No.:	M-201
CAD FILE:	N:\2021\1033\MFP-21033 M-201.DWG
SHEET SIZE:	D-24x36

APPROVED	BY	DATE	PROJ. No:	SCALE:
APPROVED	BJZ	7/30/21	499-010	
APPROVED	BJZ	7/30/21		
APPROVED				

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1 Huntington Quadrangle, 3581  
Melville, N.Y. 11747  
ph: 631-756-1060  
fax: 631-756-1064

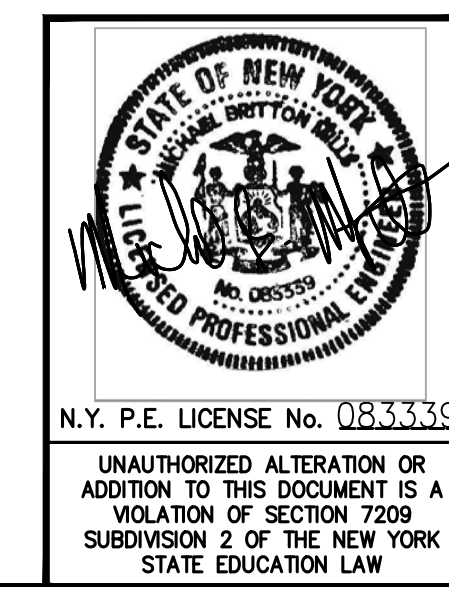


**MECHANICAL INSTALLATION NOTES:**

- ① COORDINATE LOCATION AND MOUNTING HEIGHT WITH EQUIPMENT AND OWNER IN FIELD.
- ② PROVIDE 6"Ø FLUE AND COMBUSTION AIR VENT THRU WALL OR ROOF.
- ③ PROVIDE 4"Ø FLUE THRU WALL OR ROOF.
- ④ PROVIDE 2-POSITION, LOW LEAK 120 VOLT, MOTORIZED DAMPER. INTERLOCK WITH EXHAUST FANS.

 NORTH	 KEY PLAN
 Sterling Environmental Engineering, P.C.	
 ENGINEERING CONSULTANTS <small>185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701          1-800-852-2000   717-852-0888   www.mro.com</small>	
 ANDERSON DESIGN GROUP	ARCHITECTURE PLANNING INTERIORS

 <b>RRT Engineering, LLC</b> An Affiliate of Enviro-Services & Constructors, Inc. NY COA # 0017967	ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS 420 TORNE VALLEY ROAD, HILLBURN, NY 10931 <b>PARTIAL FIRST FLOOR PLAN - MECHANICAL</b>
 ROCKLAND GREEN	



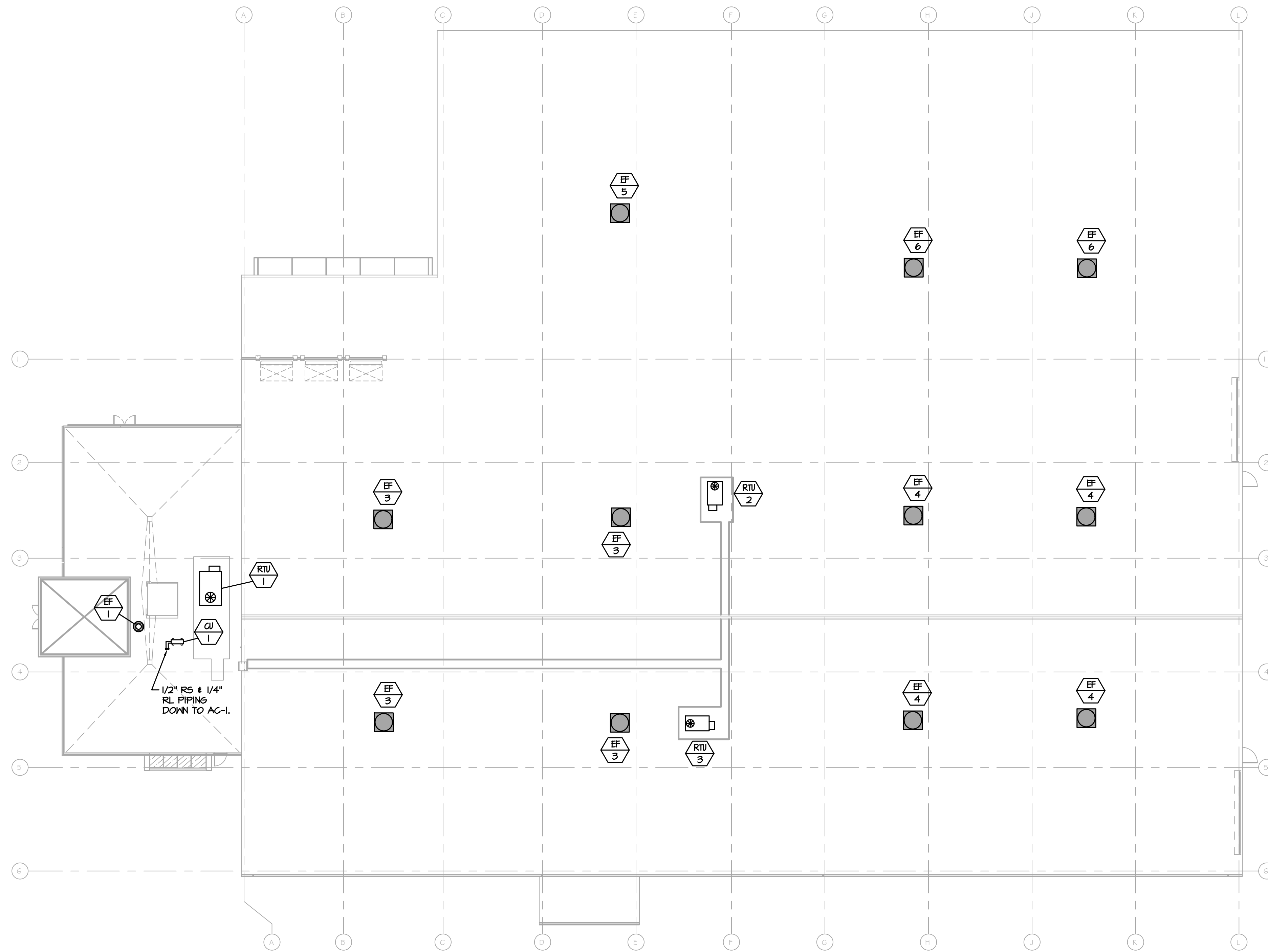
A	ISSUED FOR RFP	7/30/21
REV	DESCRIPTION	DATE
	PROPRIETARY DATA	BY: BJK
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	<b>RRT Engineering, LLC</b>	
	1 Huntington Quadrangle, 3581 Melville, N.Y. 11747	ph: 631-756-1060 fax: 631-756-1064

DRAWN	BY: BJK	DATE: 7/30/21	PROJ. No: 499-010	SCALE:
CHECKED	DESIGNED	APPROVED	DWG. NO: M-202	A
			CAD FILE: N:\2021\1003\MEP\21033 M 202.DWG	REV
			SHEET SIZE: D-24x36	

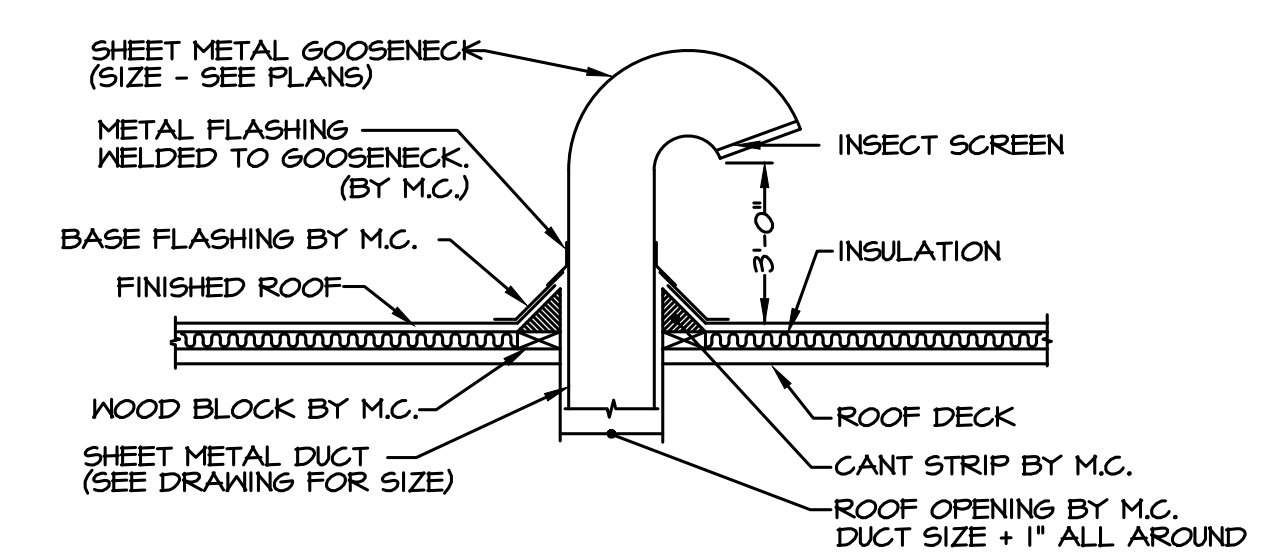
**1 PARTIAL FIRST FLOOR PLAN - MECHANICAL**  
 M-202 SCALE: 3/32"=1'-0"

NOT FOR CONSTRUCTION

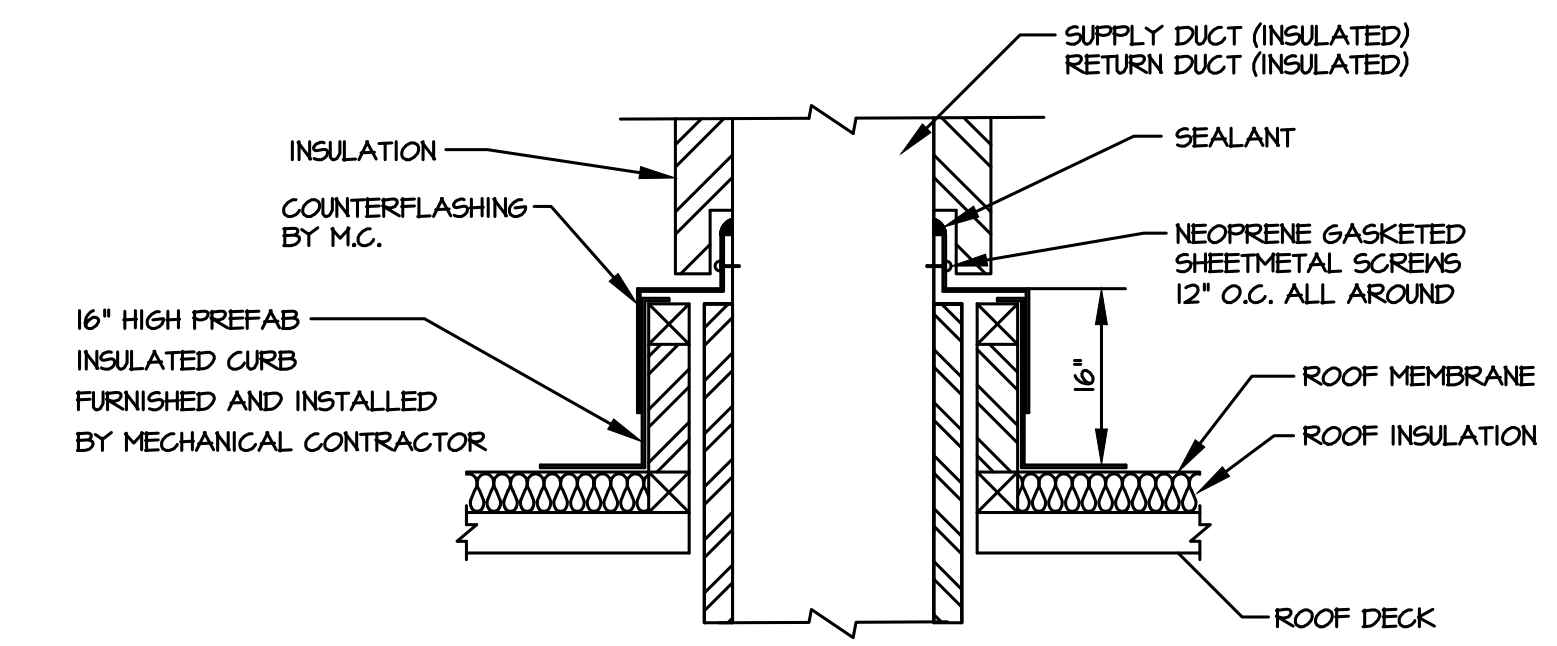




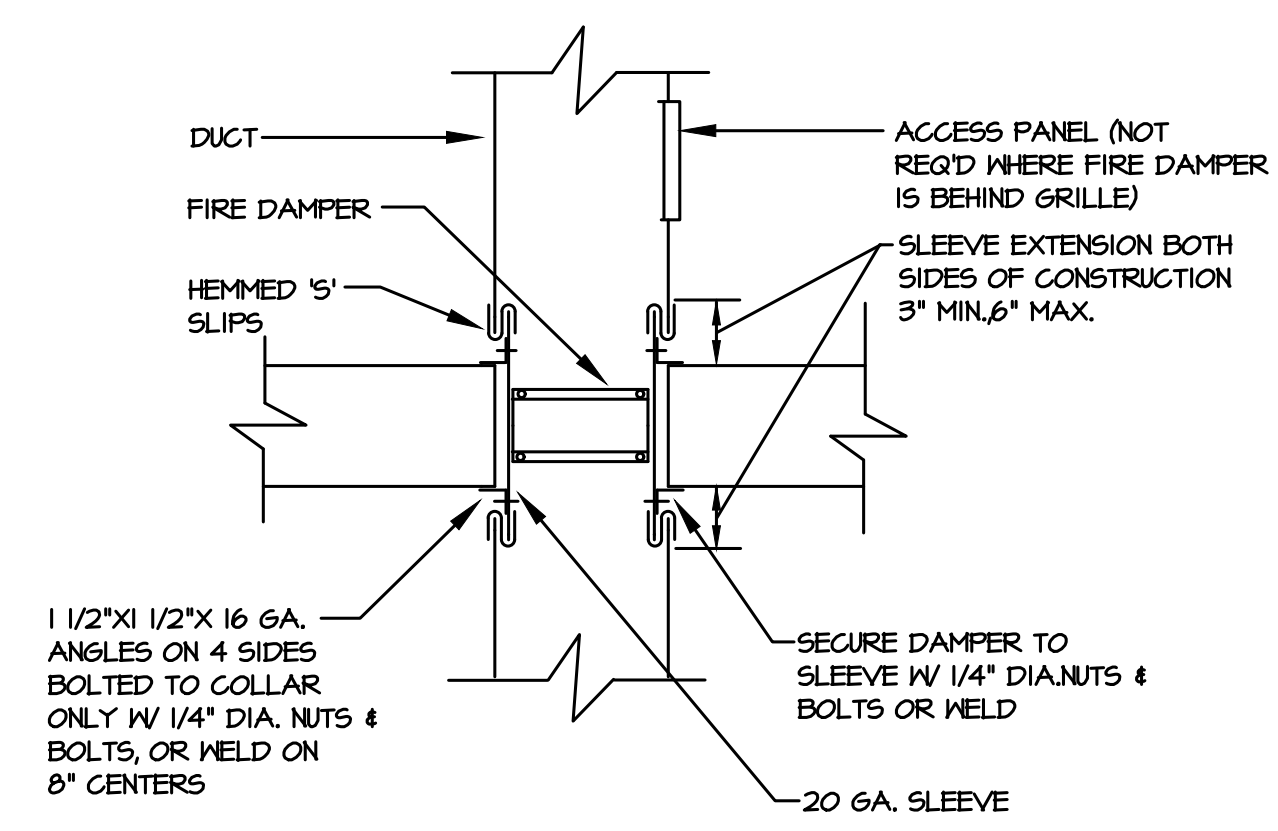
**1 ROOF PLAN - MECHANICAL**  
 M-303 SCALE: 1/16"=1'-0"



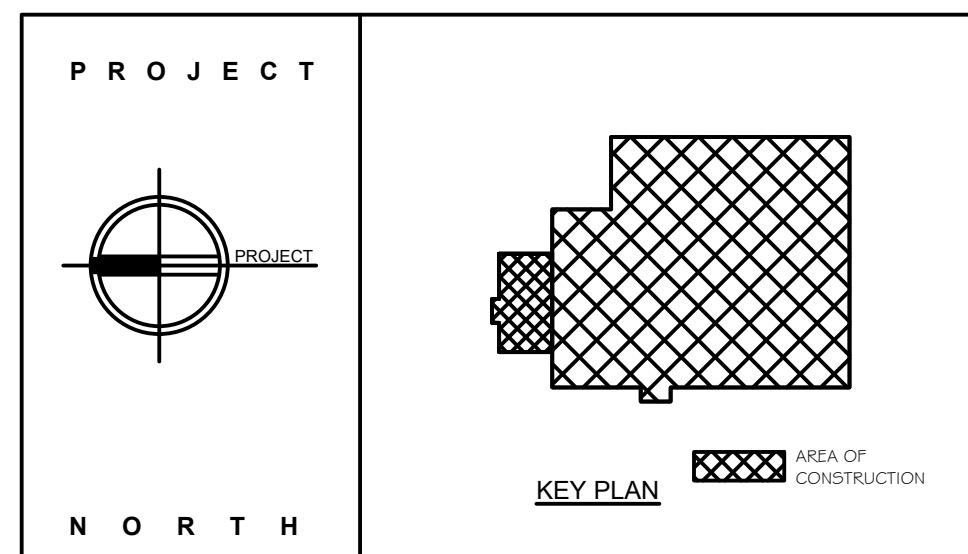
**1 TYPICAL GOOSENECK DETAIL**  
 M-203 SCALE: NO SCALE



**2 DUCT THRU ROOF DETAIL**  
 M-203 NOT TO SCALE



**3 FIRE DAMPER DETAIL**  
 M-203 SCALE: NO SCALE  
 (THRU WALL OR FLOOR)



**STERLING**  
 Sterling Environmental Engineering, P.C.

**martinrogers**  
 ENGINEERING CONSULTANTS  
 185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
 1-717-852-2000 | 1-717-852-0888 | www.mrope.com

**ANDERSON DESIGN GROUP** ARCHITECTURE  
 PLANNING INTERIORS  
 100 WALL LANE • MONTGOMERY • NY 10566  
 WWW.ANDERSONDESIGN.COM

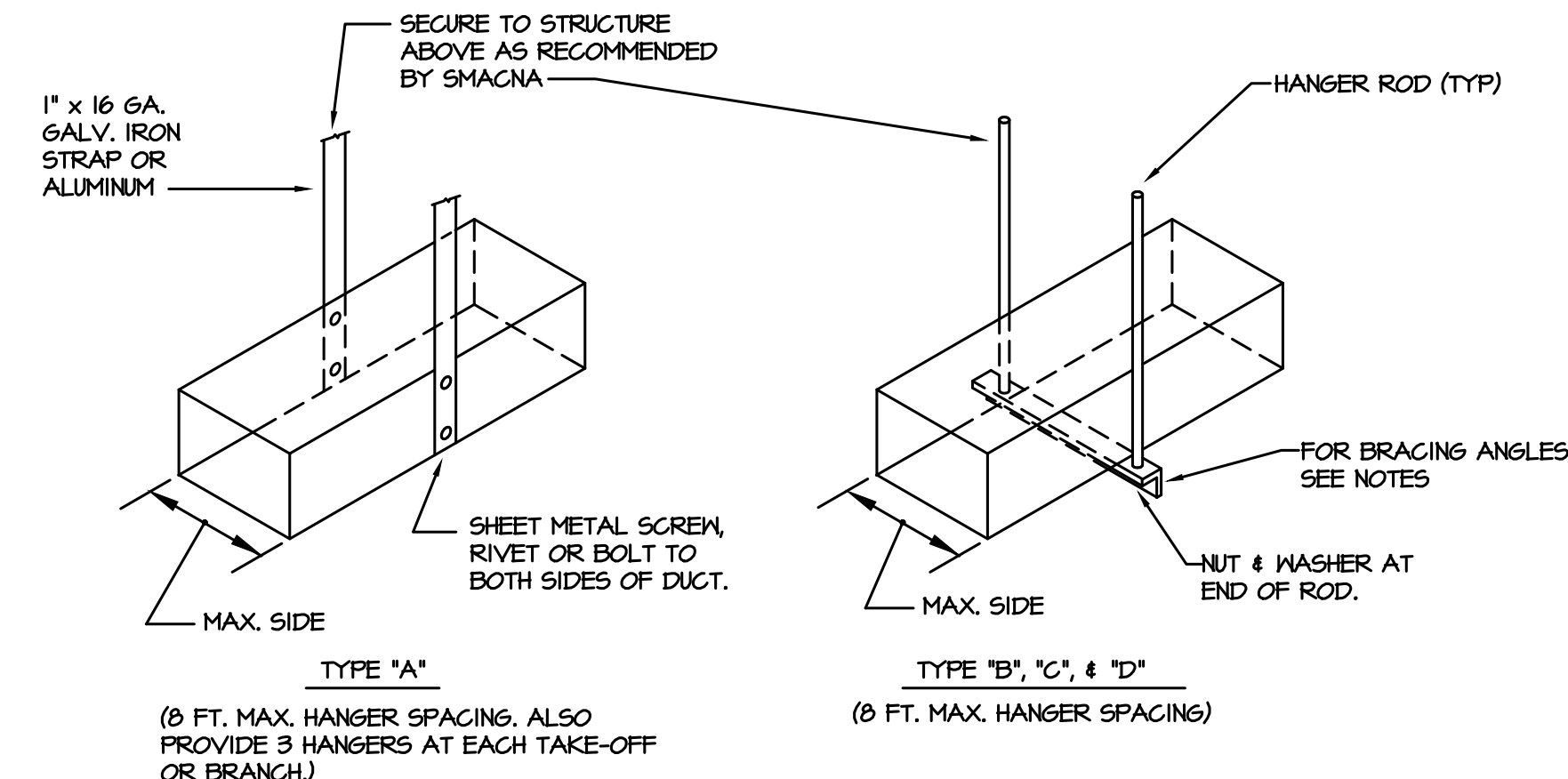
**RRT Engineering, LLC**  
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 NY COA # 0017967

**Rockland Green**  
 ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
 420 TORNE VALLEY ROAD, HILLBURN, NY 10931  
**ROOF PLAN - MECHANICAL**



ISSUED FOR RFP	7/30/21	PROJ. No: 499-010	SCALE:
REV	DESCRIPTION	DATE	BY
A	ISSUED FOR RFP	7/30/21	BJZ
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CHECKED	BY	DATE	DWG. NO:
DESIGNED	BJZ	7/30/21	M-203
APPROVED	BY	DATE	CAD FILE: N:\2021\1033\MEP\21033 M-203.DWG
APPROVED	BY	DATE	SHEET SIZE: D-24x36

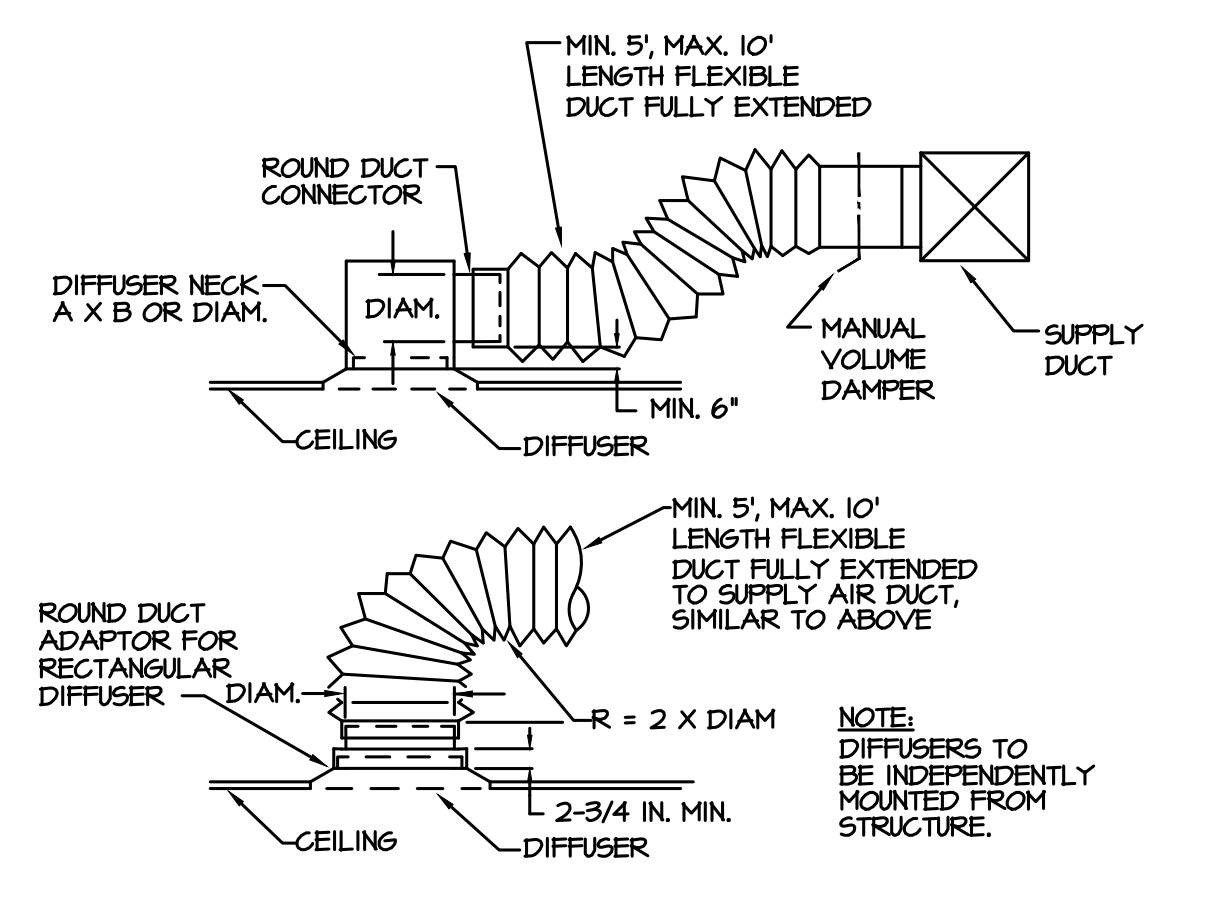
NOT FOR CONSTRUCTION



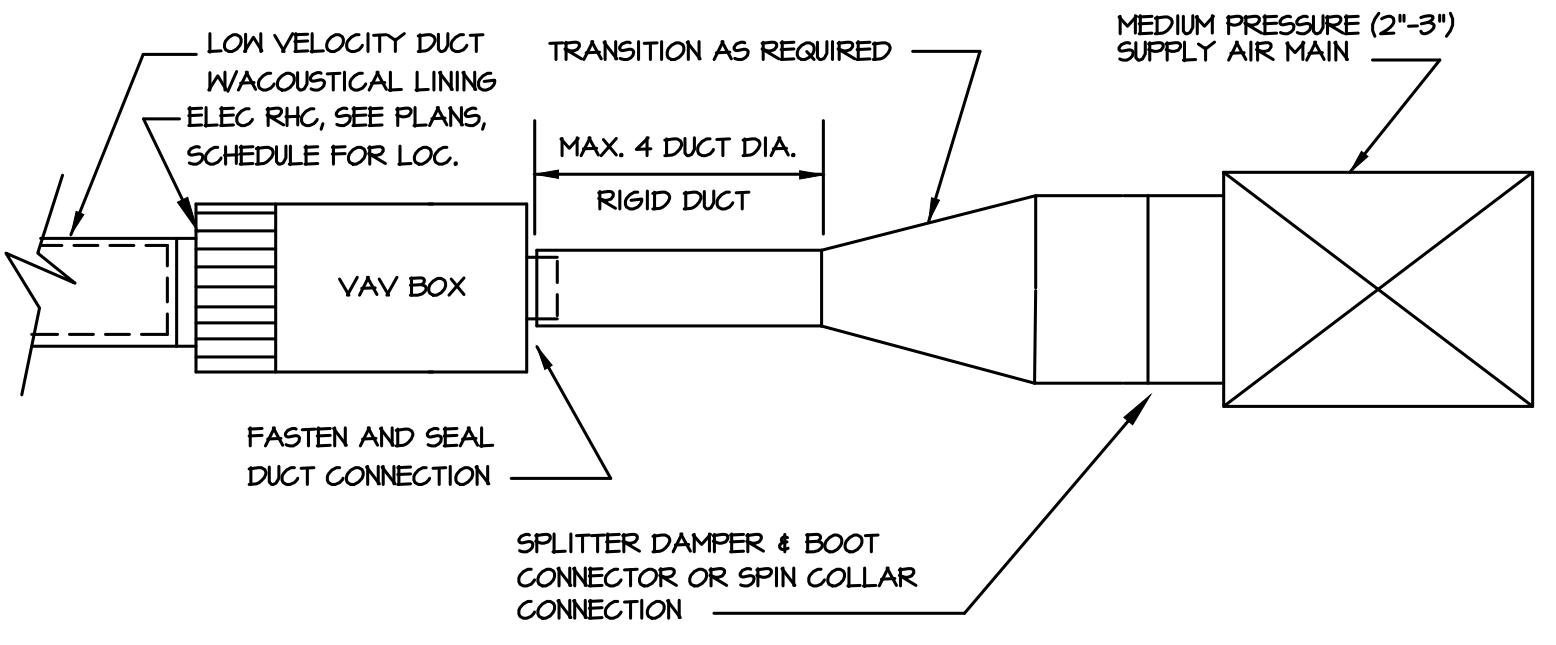
DUCT DIMENSION	HANGER TYPE	ROD DIA.	ANGLE SIZE	MAX SPACING
UP TO 18"	A	1" STRAP		8'-0"
18" TO 60"	B	5/16"	1-1/2" x 1-1/2" x 1/8"	8'-0"
61" TO 96"	C	3/8"	1-1/2" x 1-1/2" x 3/16"	8'-0"
OVER 96"	D	1/2"	2" x 2" x 1/4"	4'-0"

NOTES:  
 1. FOR SEVERAL DUCTS ON ONE HANGER, TYPE 'B', 'C', OR 'D' MAY BE USED. SIZE OF HANGER WILL BE SELECTED ON SUM OF DUCT WIDTHS EQUAL TO MAX. WIDTH OF DUCT SCHEDULE.  
 2. DUCTS SHALL BE SUPPORTED FROM STRUCTURAL STEEL NOT FLOOR DECK ABOVE.

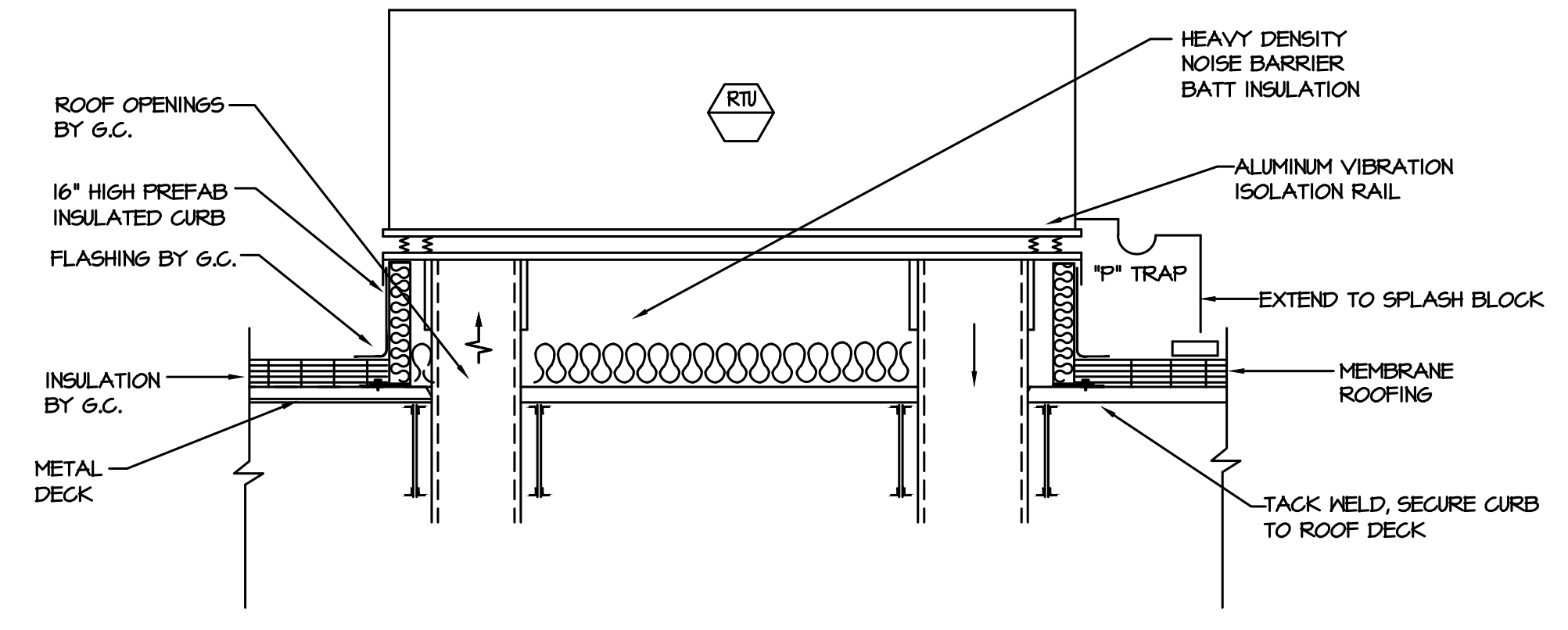
1 DUCT HANGER DETAILS  
 M-301 SCALE: N.T.S.



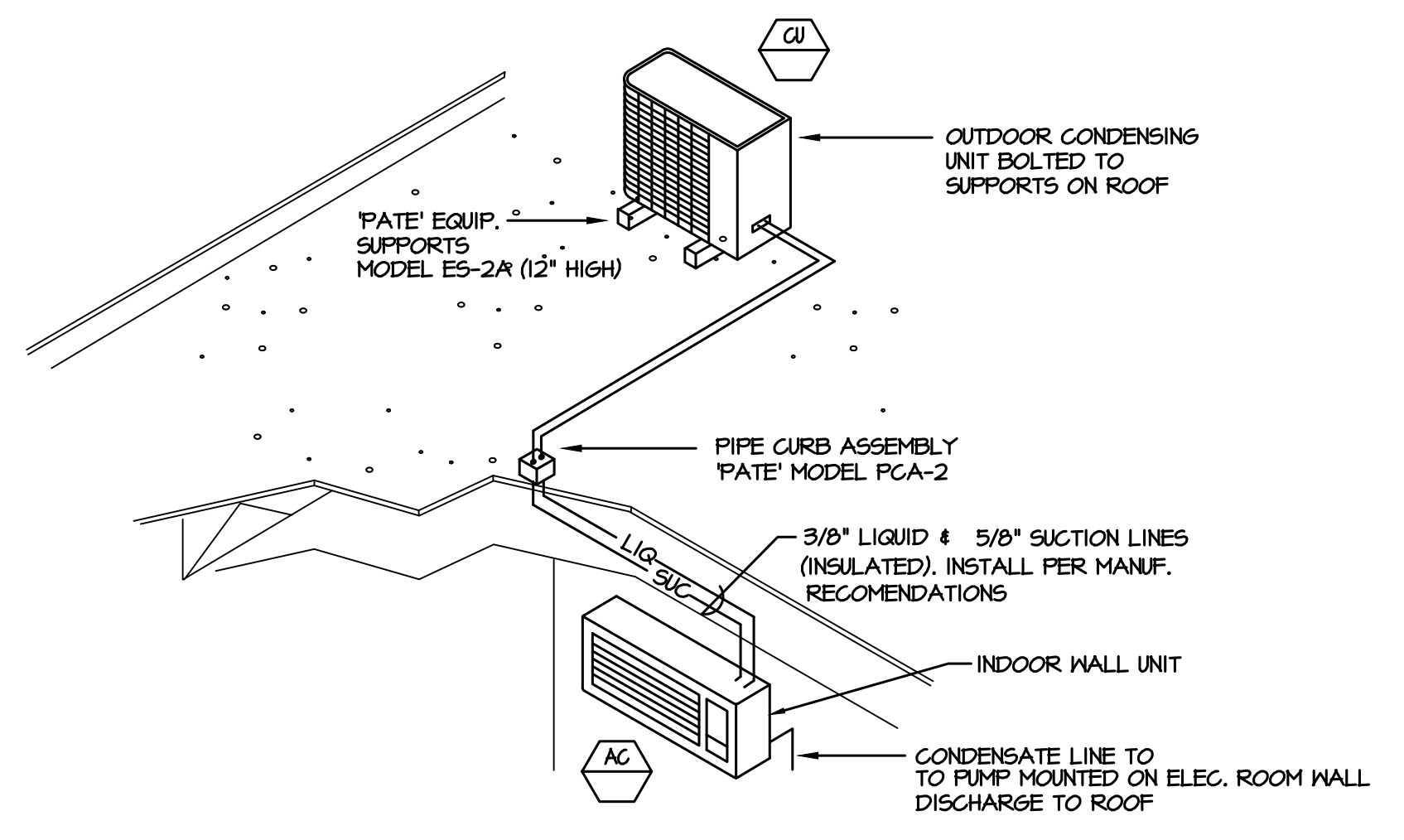
5 DIFFUSER CONNECTION DETAILS  
 M-301 SCALE: N.T.S.



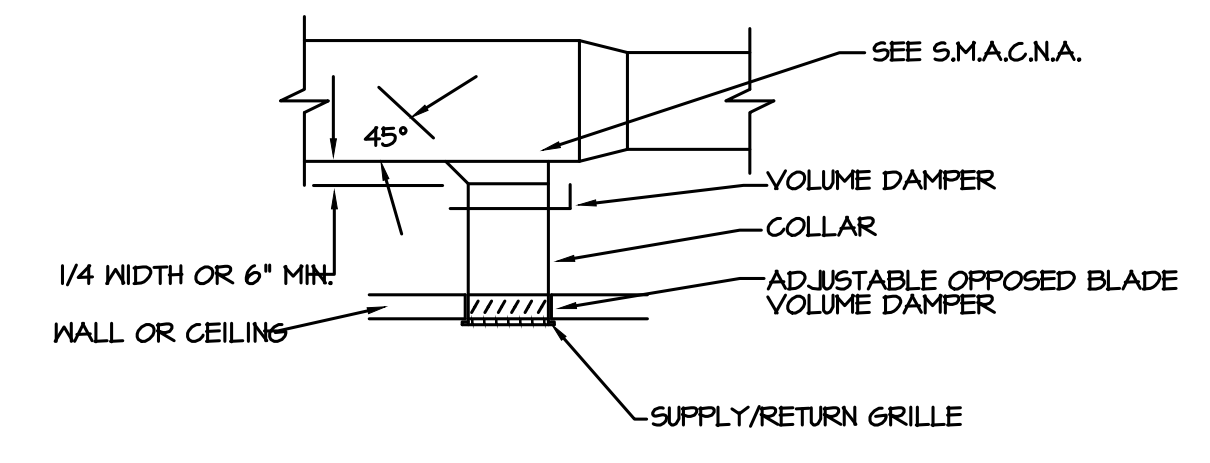
8 VAV BOX DETAIL  
 M-301 SCALE: N.T.S.



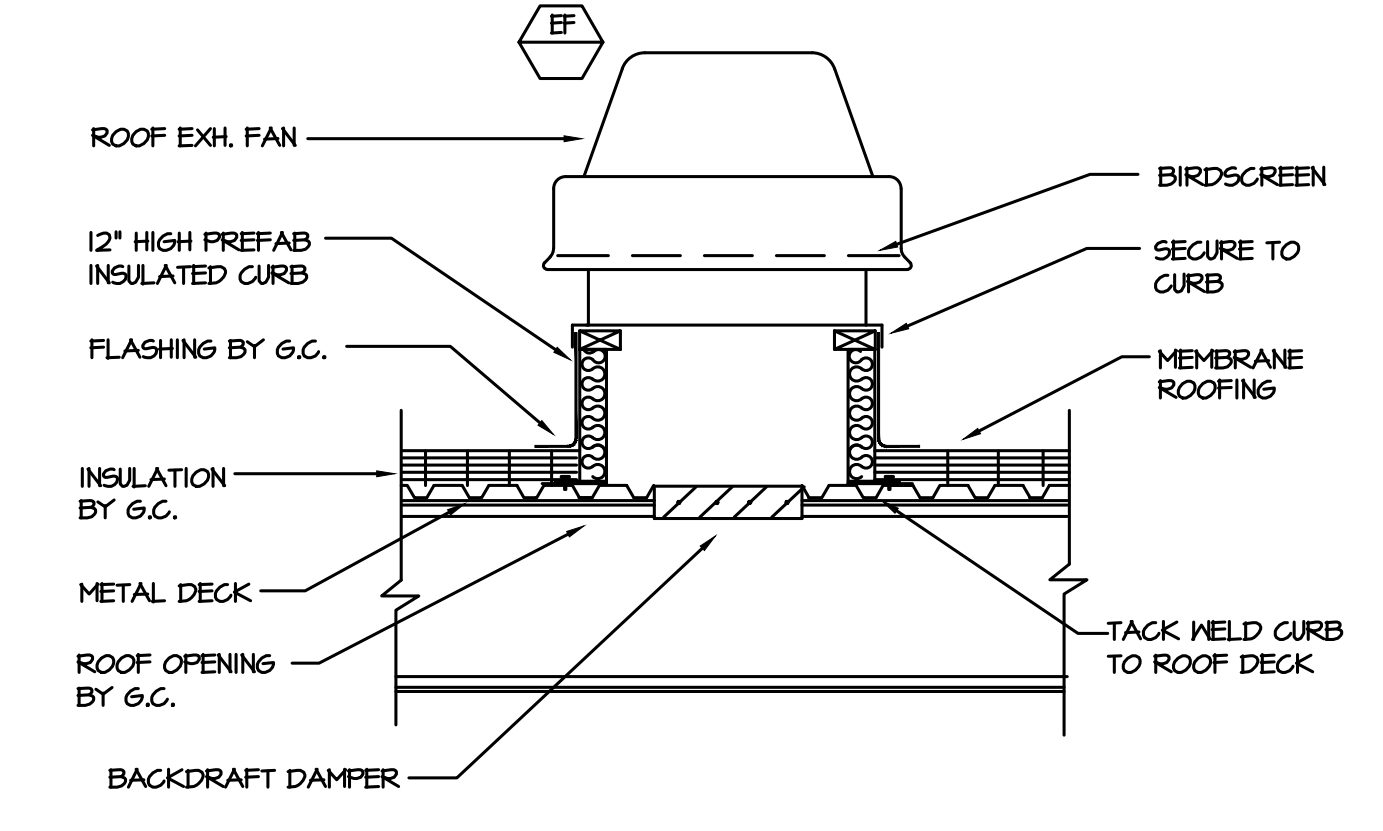
2 ROOFTOP UNIT DETAIL  
 M-301 SCALE: N.T.S.



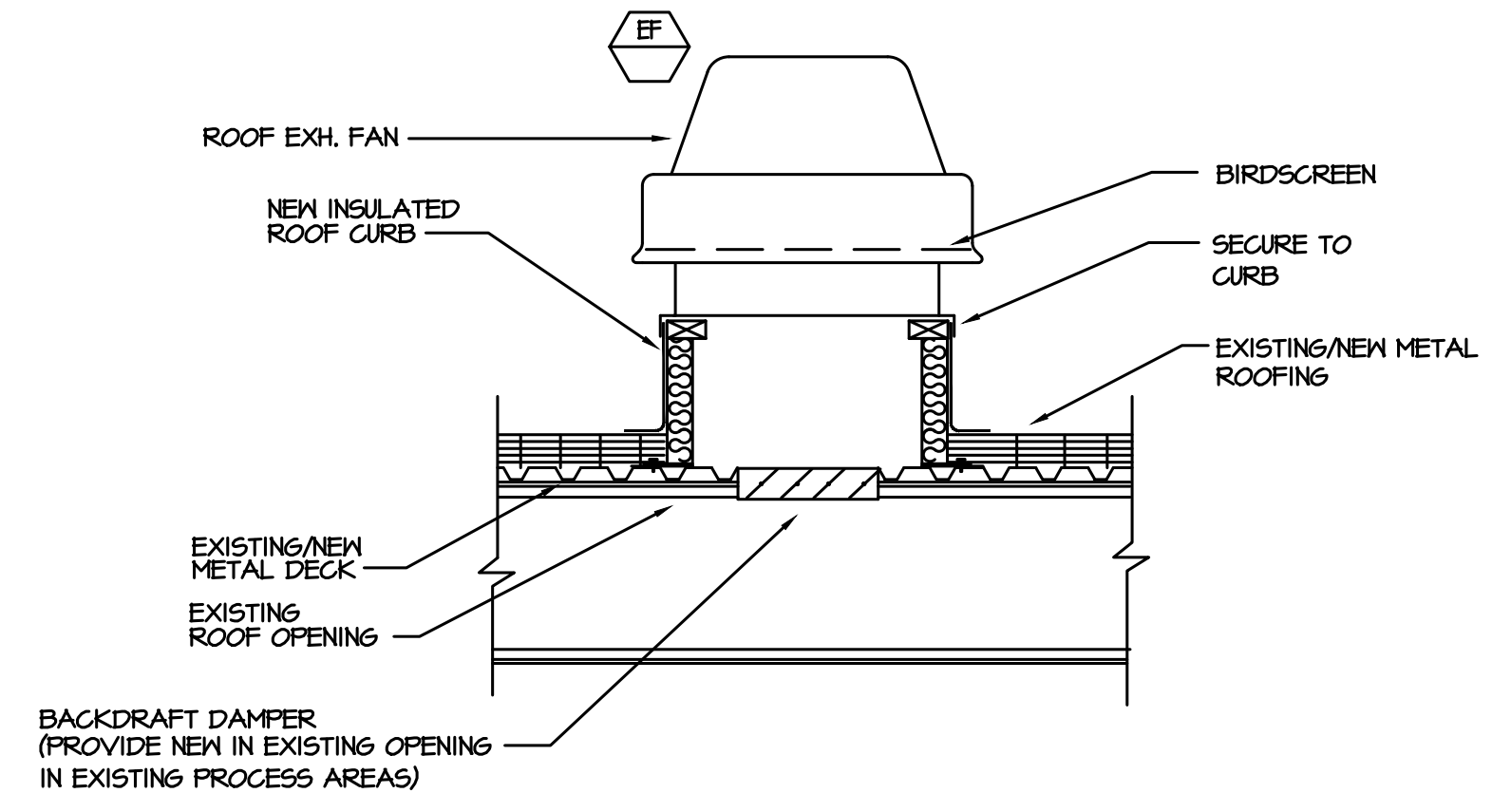
6 DUCTLESS SPLIT SYSTEM DETAIL  
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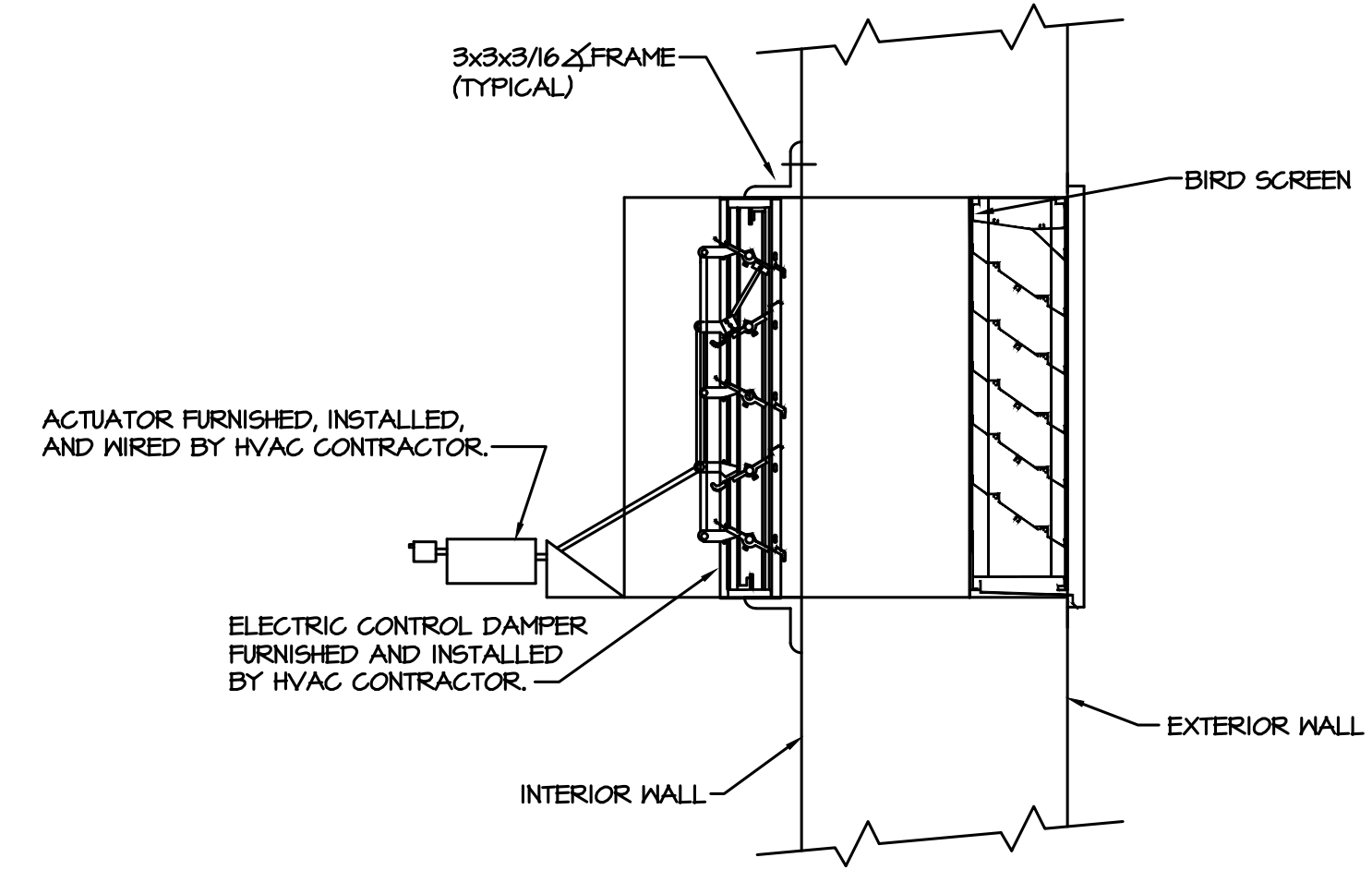
9 REGISTER & GRILLE CONNECTIONS DETAIL  
 M-301 SCALE: N.T.S.



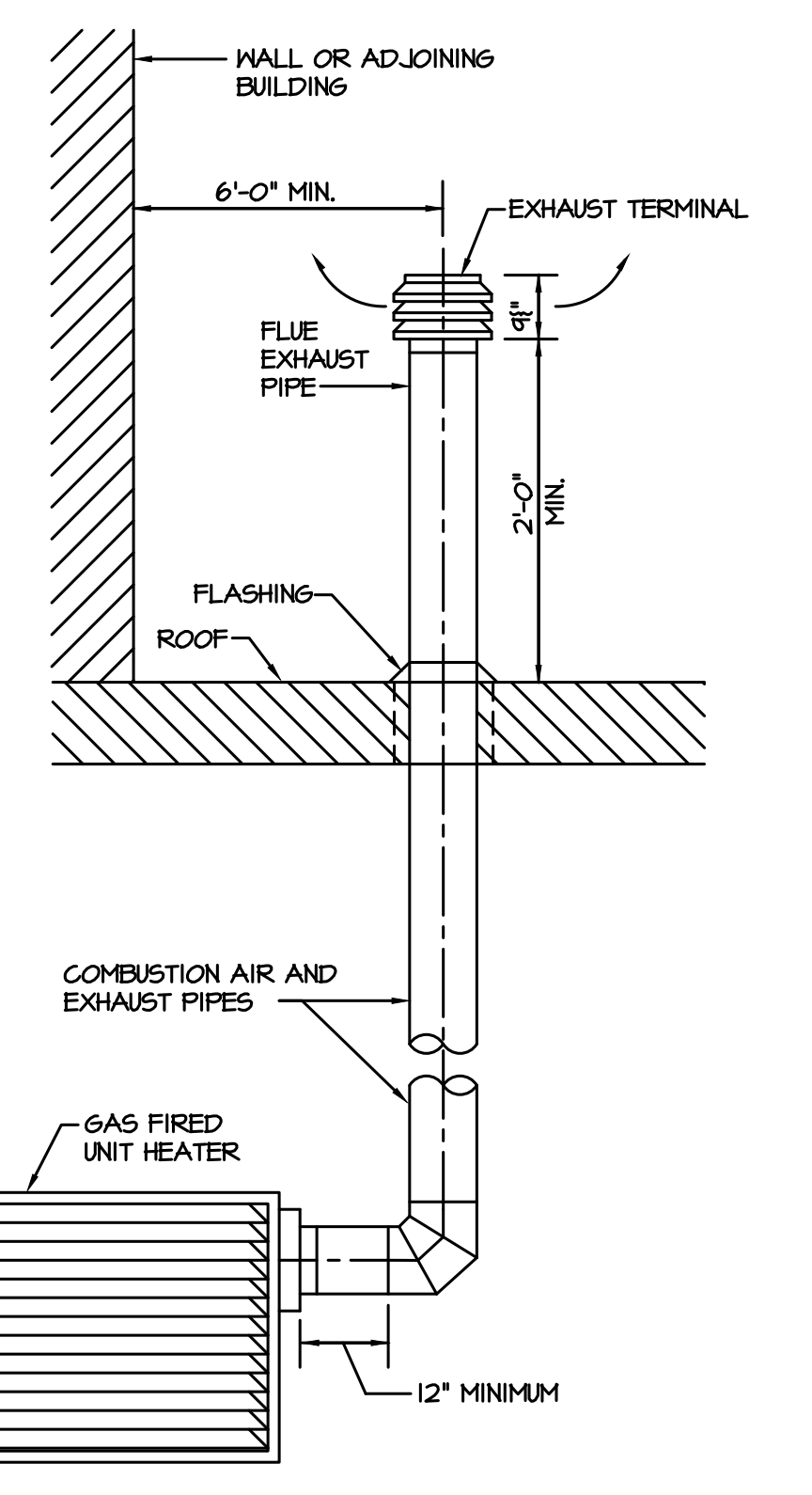
3 ROOF MOUNTED EXHAUST FAN DETAIL  
 M-301 SCALE: N.T.S.



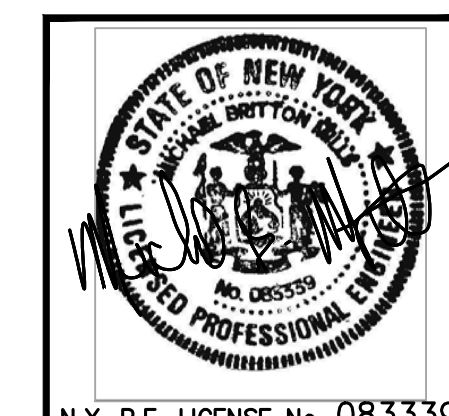
7 PROCESS AREA ROOF MOUNTED EXHAUST FAN DETAIL  
 M-301 SCALE: N.T.S.  
 NOTE: FOLLOW PEMB SPECS FOR INSTALLING ROOF CURBS IN NEW AND EXISTING METAL ROOFS



10 LOUVER DETAIL  
 M-301 SCALE: N.T.S.



4 GAS UNIT HEATER DETAIL  
 M-301 SCALE: N.T.S.



PROJECT		KEY PLAN	
NORTH		AREA OF CONSTRUCTION	
<b>STERLING</b> Sterling Environmental Engineering, P.C.			
<b>martinrogers</b> ENGINEERING CONSULTANTS 185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701 1-717-852-1000   1-717-852-0888   www.mrope.com			
ARCHITECTURE		PLANNING	
DESIGN		INTERIORS	
GROUP			
<b>RRT Engineering, LLC</b> An Affiliate of Enviro-Services & Constructors, Inc. NY COA # 0017967			
<b>Rockland Green</b> MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS 420 TORNE VALLEY ROAD, HILLBURN, NY 10931			
DETAILS			
ISSUED FOR RFP	7/30/21		
REV	DESCRIPTION	DATE	BY
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			CHK
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APPROVED			
PROJECT No: 499-010		SCALE:	
DWG. NO: M-301		A	
CAD FILE: R:\2021\1000\MRF21\1031 M-301.DWG			
SHEET SIZE: D-24x36		REV	

NOT FOR CONSTRUCTION

GAS FIRED UNIT HEATER SCHEDULE													
TAG	APPLICATION	MANUF.	MODEL	FUEL	INPUT	OUTPUT	CFM	FLUE DIA	COMB DIA	MOTOR HP	ELECTRIC V/PH/Hz	WEIGHT (LBS)	REMARKS/ACCESS
UH-1	WAREHOUSE	REZNR	UBZ	NAT. GAS	400	340	6185	6	6	2.0	115/1/60	507	1 THRU 13

- REMARKS:
1. PROVIDE FACTORY ELECTRICAL DISCONNECT SWITCH AND INTEGRAL THERMOSTAT.
  2. PROVIDE FACTORY COMBUSTION AIR VENT KIT (CONCENTRIC VENTS THROUGH SIDEWALL.)
  3. PROVIDE FACTORY BELT AND BLOWER GUARDS.
  4. PROVIDE ALL NECESSARY MOUNTING BRACKETS AND HARDWARE.
  5. 3/4" NATURAL GAS CONNECTION.
  6. ELECTRICAL 21.3 FLA, 60 MOCP, 1035 WATTS.
  7. PROVIDE UNIT WITH 2 STAGE NATURAL GAS VALVE.
  8. PROVIDE UNIT WITH 2 STAGE A WALL-MOUNTED HEATING THERMOSTAT WITH SUMMER FAN/BLOWER SWITCH.
  9. PROVIDE UNIT WITH ALL REQUIRED GAS PRESSURE REGULATORS.
  10. PROVIDE UNIT WITH HORIZONTAL LOUVERS. MOUNT UNIT AND VENTS AS HIGH AS POSSIBLE FOR MAXIMUM CLEARANCE BELOW.
  11. PROVIDE UNIT WITH 115 VOLT TO 24 VOLT TRANSFORMER AND 24 VOLT REMOTE THERMOSTAT.
  12. FINISH - BAKED ENAMEL, COLOR SHALL BE WHITE.
  13. PROVIDE ALL NECESSARY STRUCTURAL STEEL FOR INSTALLATION OF UNIT.

UNITARY INFRARED HEATER SCHEDULE									
TAG	MANUFACTURER	MODEL	DESCRIPTION	MAX. INPUT	MIN. LENGTH	ELECTRICAL DATA	TUBE MATERIAL	FUEL	REMARKS/ACCESSORIES
UIH-1	ROBERTS GORDON	CTH3-80	VANTAGE MODULATING	80,000 BTUH	20 FEET STRAIGHT TUBE	1.3A RUN-120/1/0 4.8A START-120/1/0	ALUMINIZED 4"	NATURAL GAS	1, 2, 3, 4, 5, 6, 7, 8
UIH-2	ROBERTS GORDON	CTH3-80	VANTAGE MODULATING	80,000 BTUH	20 FEET STRAIGHT TUBE	1.3A RUN-120/1/0 4.8A START-120/1/0	ALUMINIZED 4"	NATURAL GAS	1, 2, 3, 4, 5, 6, 7, 8
UIH-3	ROBERTS GORDON	CTH3-80	VANTAGE MODULATING	80,000 BTUH	20 FEET STRAIGHT TUBE	1.3A RUN-120/1/0 4.8A START-120/1/0	ALUMINIZED 4"	NATURAL GAS	1, 2, 3, 4, 5, 6, 7, 8
UIH-4	ROBERTS GORDON	CTH3-80	VANTAGE MODULATING	80,000 BTUH	20 FEET STRAIGHT TUBE	1.3A RUN-120/1/0 4.8A START-120/1/0	ALUMINIZED 4"	NATURAL GAS	1, 2, 3, 4, 5, 6, 7, 8
UIH-5	ROBERTS GORDON	CTH3-150	VANTAGE MODULATING	150,000 BTUH	40 FEET STRAIGHT TUBE	1.3A RUN-120/1/0 4.8A START-120/1/0	ALUMINIZED 4"	NATURAL GAS	1, 2, 3, 4, 5, 6, 7, 8
UIH-6	ROBERTS GORDON	CTH3-150	VANTAGE MODULATING	150,000 BTUH	40 FEET STRAIGHT TUBE	1.3A RUN-120/1/0 4.8A START-120/1/0	ALUMINIZED 4"	NATURAL GAS	1, 2, 3, 4, 5, 6, 7, 8

- REMARKS/ACCESSORIES:
1. PROVIDE WITH SIDE REFLECTOR SHIELDS.
  2. PROVIDE ALL REQUIRED TUBING, REFLECTORS AND HANGERS AS REQUIRED.
  3. PROVIDE WITH DOUBLE PORCELAIN COATED CONDENSING HEAT EXCHANGER TAILPIPE.
  4. PROVIDE STANDARD CONTROL PANEL WITH 24 VOLT THERMOSTATS.
  5. PROVIDE WITH HOT SURFACE IGNITION SYSTEM.
  6. PROVIDE 24 VOLT PROGRAMMABLE MODULATING THERMOSTAT WITH METAL COVER.
  7. PROVIDE WITH 4" FLUE AND COMBUSTION AIR VENT TERMINAL.
  8. PROVIDE WITH 3/4" GAS CONNECTION.

VAV BOX SCHEDULE (ELECTRIC REHEAT)												
TAG	MAKE	MODEL	SIZE DIA.	COOLING CFM		MIN HTG CFM	E.A.T.	L.A.T.	ELECTRIC HEAT (KW)	VOLTAGE/PHASE	A.P.D.	REMARKS
				MAX	MIN							
VAV-1	TRANE	VCEF	5"	200	150	150	55	45	2	277/1	.01	1, 2, 3, 4, 5, 6
VAV-2	TRANE	VCEF	5"	125	100	100	55	45	1.5	277/1	.01	1, 2, 3, 4, 5, 6
VAV-3	TRANE	VCEF	5"	125	100	100	55	45	1.5	277/1	.01	1, 2, 3, 4, 5, 6
VAV-4	TRANE	VCEF	8"	400	200	200	55	45	2.5	277/1	.01	1, 2, 3, 4, 5, 6
VAV-5	TRANE	VCEF	8"	300	200	200	55	45	2.5	277/1	.01	1, 2, 3, 4, 5, 6
VAV-6	TRANE	VCEF	5"	200	150	150	55	45	2.0	277/1	.01	1, 2, 3, 4, 5, 6
VAV-7	TRANE	VCEF	5"	200	150	150	55	45	2.0	277/1	.01	1, 2, 3, 4, 5, 6
VAV-8	TRANE	VCEF	8"	400	200	200	55	45	2.5	277/1	.01	1, 2, 3, 4, 5, 6
VAV-9	TRANE	VCEF	5"	150	100	100	55	45	1.5	277/1	.01	1, 2, 3, 4, 5, 6
VAV-10	TRANE	VCEF	6"	250	150	150	55	45	2.0	277/1	.01	1, 2, 3, 4, 5, 6
VAV-11	TRANE	VCEF	8"	550	300	300	55	45	4.0	277/1	.01	1, 2, 3, 4, 5, 6
VAV-12	TRANE	VCEF	8"	350	200	200	55	45	2.5	277/1	.01	1, 2, 3, 4, 5, 6
VAV-13	TRANE	VCEF	6"	300	150	150	55	45	2.0	277/1	.01	1, 2, 3, 4, 5, 6
VAV-14	TRANE	VCEF	8"	450	250	250	55	45	3.5	277/1	.01	1, 2, 3, 4, 5, 6

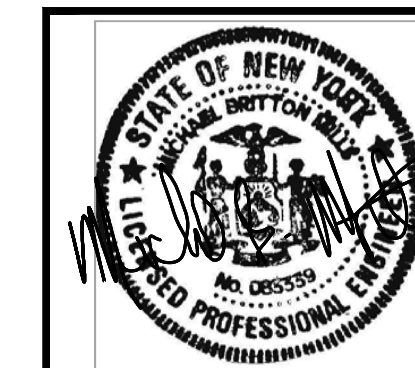
- REMARKS/ACCESSORIES:
1. PROVIDE VAV BOX WITH SCR REHEAT CONTROL.
  2. PROVIDE VAV BOX WITH 277V OR 480V TO 24V TRANSFORMER.
  3. THE HEATING MINIMUM IS THE MINIMUM AIRFLOW REQUIRED ACROSS THE ELECTRIC REHEAT COIL FOR PROPER PERFORMANCE.
  4. PROVIDE FACTORY MOUNTED DISCONNECT SWITCHES.
  5. PROVIDE WITH FOIL FACED 1/2" THICK ELASTOMERIC INSULATION.
  6. PROVIDE WITH MOUNTING BRACKETS.

ROOF TOP UNIT SCHEDULE																												
TAG	MAKE	MODEL	TONS	EVAP. FAN DATA					DX COOLING COIL				COMPRESSOR		CONDENSER FAN		NATURAL GAS FURNACE			EER	EXHAUST FAN DATA					UNIT ELECTRICAL DATA		
				CFM	O/A CFM	E.S.P.	HP	RPM	VOLTAGE	TOTAL MEH	SENS. MEH	E.A.T. DB/WB	L.A.T. DB/WB	QTY	RLA	QTY	HP	INPUT MEH	OUTPUT MEH		STAGES	CFM	E.S.P.	HP	RPM	VOLTAGE	M.C.A.	M.O.C.P.
RTU-1	TRANE	YHG120F4RHA	10	4,000	1,475	0.9"	3	1,565	480V/3P	113.4	95.7	80°/67°	57.8°/56.8°	2	8.2 / 6.0	1	.75	250	200	2	12.4	4,000	0.1"	1	1075	208V/1P	22	25
RTU-2	TRANE	OABD048E4	3	500	500	1.0	1/2	-	480V/3P	36.0	30.0	45°/78°	55°/44°	1	7.1	1	0.25	60	48	1	13.0	-	-	-	-	-	21	25
RTU-3	TRANE	OABD048E4	3	500	500	1.0	1/2	-	480V/3P	36.0	30.0	45°/78°	55°/44°	1	7.1	1	0.25	60	48	1	13.0	-	-	-	-	-	21	25

- NOTES:
1. BALANCE UNIT TO PROVIDE SUPPLY AIR FLOW RATES SHOWN ON PLANS.
  2. DX COOLING WITH INDIRECT FIRED NATURAL GAS HEAT.
  3. VERTICAL DISCHARGE AND VERTICAL RETURN (VERTICAL RETURN FOR RTU-1 ONLY)
  4. 2" MERV 8 HIGH EFFICIENCY, THROWAWAY FILTER.
  5. 0-100% OUTSIDE AIR ECONOMIZER CONTROL WITH MODULATING OUTSIDE AND RETURN AIR DAMPERS. (RTU-1 ONLY). 2-POSITION MOTORIZED OA DAMPER FOR RTUS 2 & 3.
  6. POWERED EXHAUST: DIRECT DRIVE WITH VFD AND GRAVITY DAMPER. (RTU-1 ONLY)
  7. FACTORY FURNISHED SUPPLY FAN VFD WITH BYPASS. (RTU-1 ONLY)
  8. FACTORY POWERED GROUND FAULT CONVENIENCE OUTLET.
  9. PROVIDE UNIT WITH FACTORY-MOUNTED DISCONNECT SWITCH.
  10. PROVIDE UNIT WITH STANDARD SERVICE ACCESS.
  11. PROVIDE UNIT WITH STAINLESS STEEL DRIP PAN.
  12. PROVIDE UNIT WITH CONDENSER HAILGUARD.
  13. PROVIDE UNIT WITH 20:1 TURNDOWN (RTU-1), 5:1 MINIMUM FOR FOR RTUS 2 & 3.
  14. PROVIDE UNIT WITH WIRELESS BACNET COMM INTERFACE (AND MULTI-ZONE VAV CONTROL FOR RTU-1).
  15. PROVIDE RTUS 2 AND 3 WITH DIGITAL SCROLL COMPRESSORS, MODULATING HOT GAS REHEAT, AND CONDENSER FAN VARIABLE SPEED HEAD PRESSURE CONTROL.
  16. PROVIDE UNIT WITH SUPPLY DISCHARGE AIR SENSOR.
  17. PROVIDE UNIT WITH FLAT ROOF CURB.
  18. 5-YEAR DIGITAL/VARIABLE SPEED SCROLL COMPRESSOR WARRANTY.
  19. 1-YEAR PARTS ONLY WARRANTY.
  20. 1-YEAR LABOR DX GAS HEAT OR COOLING ONLY WARRANTY.
  21. FACTORY STARTUP BY MANUFACTURER REPRESENTATIVE.
  22. SMOKE DETECTOR SHALL BE PROVIDED AND INSTALLED BY THE E.C.
  23. PROVIDE RAIN HOODS AT OUTDOOR AIR AND RELIEF AIR OPENINGS.
  24. PROVIDE APR VALVE ON EACH COMPRESSOR CIRCUIT FOR RTU-1.

DIFFUSER, REGISTER & GRILLE SCHEDULE													
TAG	MANUFACTURER	MODEL	CFM RANGE	SERVICE	NECK SIZE	FACE SIZE	PRESS. DROP	PATTERN	THROW	STYLE	MAX NC	MATERIAL	REMARKS/ACCESSORIES
A	ANEMOSTAT	HPX-41	40-120	SUPPLY	6"x6" 6"φ	24"x24"	0.10"	4-WAY	2'-1"	LAY-IN	20	ALUMINUM	HIGH PERFORMANCE WITH DIFFUSING VANES AND OPPOSED BLADE DAMPER
B	ANEMOSTAT	HPX-41	125-225	SUPPLY	9"x9" 9"φ	24"x24"	0.06"	4-WAY	3'-0"	LAY-IN	20	ALUMINUM	HIGH PERFORMANCE WITH DIFFUSING VANES AND OPPOSED BLADE DAMPER
C	ANEMOSTAT	HPX-41	230-325	SUPPLY	12"x12" 10"φ	24"x24"	0.06"	4-WAY	3'-9"	LAY-IN	20	ALUMINUM	HIGH PERFORMANCE WITH DIFFUSING VANES AND OPPOSED BLADE DAMPER
D	ANEMOSTAT	GC50	50-445	RETURN/EXHAUST	12"x12"	14"x14"	0.01"	EGGCRATE	-	SURFACE	20	ALUMINUM	1/2 x 1/2 x 1/2 CORE, OPPOSED BLADE DAMPER
E	ANEMOSTAT	GC50	500-450	RETURN	18"x18"	20"x20"	0.01"	EGGCRATE	-	SURFACE	20	ALUMINUM	1/2 x 1/2 x 1/2 CORE, OPPOSED BLADE DAMPER
F	ANEMOSTAT	GC50L	455-2000	TRANSFER	24"x24"	24"x24"	0.01"	EGGCRATE	-	LAY-IN	20	ALUMINUM	1/2 x 1/2 x 1/2 CORE
G	ANEMOSTAT	X2H	350	SUPPLY	16"x10"	16"x10"	0.01"	2-WAY	5'-9"	SURFACE	20	ALUMINUM	3/4" SPACING DOUBLE DEFLECTION
D/L	--	--	50/500	TRANSFER	20"x18"	22"x20"	0.01"	LOUVER	-	SURFACE	--	STEEL	DOOR LOUVER PROVIDE BY E.C.

- NOTES:
1. ALL FRAME STYLES SHALL BE COORDINATED WITH CEILING/WALL TYPES.
  2. FINISH - BAKED ENAMEL, COLOR AS SELECTED BY THE ARCHITECT.
  3. COORDINATE EXACT LOCATION WITH ARCHITECTURAL REFLECTED CEILING PLANS.
  4. PROVIDE SQUARE TO ROUND NECK ADAPTORS FOR DIFFUSERS AS REQUIRED.
  5. PAINT INSIDE OF DUCT, VISIBLE AT RETURN AND EXHAUST REGISTERS FLAT BLACK.



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<b>RRT Engineering, LLC</b> An Affiliate of Enviro-Services & Constructors, Inc. NY COA # 0017967	
<b>ROCKLAND GREEN</b> MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS 420 TORNE VALLEY ROAD, HILLBURN, NY 10931	
<b>SCHEDULES</b>	
A ISSUED FOR RFP REV DESCRIPTION DATE BY CHK	7/30/21 B/JZ XX DATE BY CHK
DRAWN BY DATE CHECKED B/JZ 7/30/21 DESIGNED B/JZ 7/30/21 APPROVED APPROVED	PROJ. No: 499-010 SCALE: DWG. NO: M-401 CAD FILE: M-20210703-01-ME-21-033-M-401.DWG SHEET SIZE: D-24x36 A REV

<b>PROJECT</b>  NORTH 	 Sterling Environmental Engineering, P.C.
 185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701 (717) 852-1900   (717) 852-0888   www.mrogers.com	
 ARCHITECTURE PLANNING DESIGN INTERIORS	

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ELECTRIC CABINET HEATER SCHEDULE											
TAG	MANUFACTURER	MODEL	TYPE	SIZE	KN	MBH	CFM	AMPS	VOLTAGE/PHASE	AREA SERVED	REMARKS
ECH-1	BERKO	CUM35	WALL MOUNTED	26-3/8"H x 35"L x 9-3/4"D	5	17.0	250	7	480V/3Ø	STAIRS 115	1, 2, 3, 4, 5
ECH-2	BERKO	CUM35	WALL MOUNTED	26-3/8"H x 35"L x 9-3/4"D	5	17.0	250	7	480V/3Ø	STAIRS 203	1, 2, 3, 4, 5

- REMARKS:**
1. PROVIDE UNIT WITH BUILT-IN 2 STAGE THERMOSTAT.
  2. PROVIDE UNIT WITH A THERMAL CUTOUT AND MANUAL RESET.
  3. PROVIDE UNIT WITH INTERNAL FACTORY DISCONNECT SWITCH.
  4. PROVIDE WITH FRONT DISCHARGE AND BOTTOM RETURN.
  5. COLOR SHALL BE WHITE BAKED ENAMEL.

ELECTRIC UNIT HEATER SCHEDULE											
TAG	MANUFACTURER	MODEL	TYPE	SIZE	KN	MBH	CFM	AMPS	VOLTAGE/PHASE	AREA SERVED	REMARKS
EUH-1	BERKO	HUAA-548	WALL MOUNTED	16 7/8x14 1/8x8-1/2"D	5	17.0	350	6.0	480V/3Ø	PARTS & TOOL STORAGE 112	1, 2, 3, 4, 5, 6
EUH-2	BERKO	HUAA-748	WALL MOUNTED	21-3/4x14 1/8x8-1/2"D	7.5	25.5	650	9.0	480V/3Ø	COMPRESSOR ROOM III	1, 2, 3, 4, 5, 6
EUH-3	BERKO	HUAA-548	WALL MOUNTED	16 7/8x14 1/8x8-1/2"D	5	17.0	350	6.0	480V/3Ø	SPRINKLER ROOM 102	1, 2, 3, 4, 5, 6
EUH-4	BERKO	HUAA-1048	WALL MOUNTED	21-3/4x14 1/8x8-1/2"D	10	34.1	650	12.0	480V/3Ø	SPRINKLER ROOM 170	1, 2, 3, 4, 5, 6

- REMARKS:**
1. PROVIDE 24 VOLT WALL MOUNTED THERMOSTAT.
  2. PROVIDE 2-STAGE ELEMENT.
  3. PROVIDE POWER DISCONNECT SWITCH.
  4. PROVIDE WITH WALL MOUNTING BRACKET.
  5. PROVIDE WITH LOW VOLTAGE CONTROL TRANSFORMER.
  6. COLOR SHALL BE BLACK BAKED ENAMEL.

SPLIT-SYSTEM AIR CONDITIONING SCHEDULE																		
INDOOR UNIT									OUTDOOR CONDENSING UNIT									
TAG	MAKE	MODEL	AREA SERVED	CFM	COOLING			ELEC.	MCA	TAG	MAKE	MODEL	NOM. TONS	MIN. SEER	ELEC.	MCA	MOCP	ACCESSORIES / REMARKS
					TOT. MBH	E.A.T. DB/MB	L.A.T. DB/MB											
AC-1	MITSUBISHI	PEA-A12AA6	IT CLOSET 210	350	12.0	80/67	55/54	208v/1Ø	1.0	CJ-1	MITSUBISHI	PVY-A12NHA6	1.0	14.0	208v/1Ø	13	15	1, 2, 3, 4, 5, 6, 7, 8

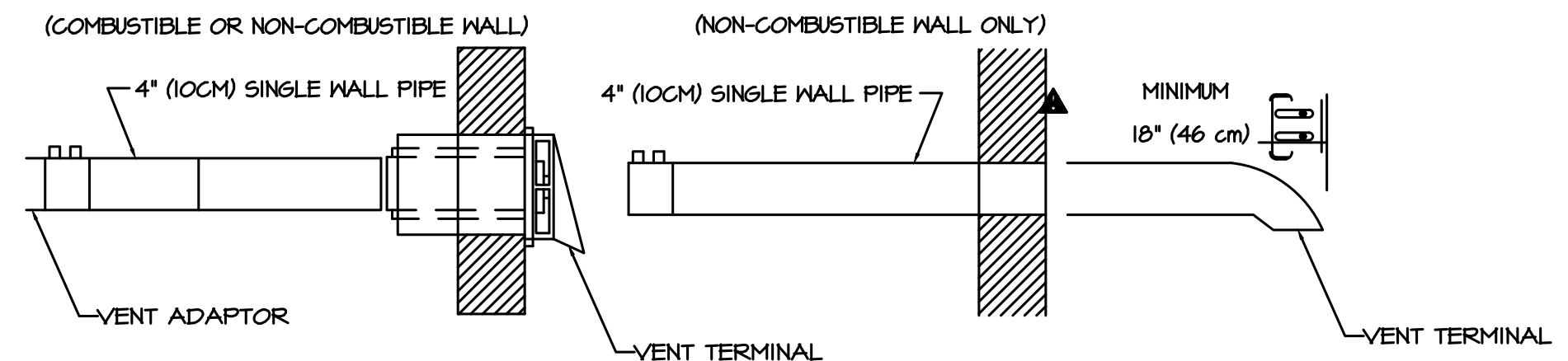
- ACCESSORIES / REMARKS:**
1. UNITS SHALL BE CAPABLE OF OPERATING AT 0°F TO 115°F.
  2. COOLING CAPACITY BASED ON 115°F OUTDOOR AIR TEMPERATURE.
  3. PROVIDE WITH MIND BAFFLE.
  4. REFRIGERANT SHALL BE R410A.
  5. PROVIDE A MITSUBISHI #PAR-21MAA WALL MOUNTED CONTROLLER FOR EACH UNIT.
  6. PROVIDE REFRIGERANT PIPING SIZES PER MANUFACTURER.
  7. INSTALL CONDENSING UNITS ON EQUIPMENT SUPPORT CURBS, LOCATED ON ROOF.
  8. PROVIDE INDOOR UNITS WITH INTEGRAL CONDENSATE PUMPS.
  9. PROVIDE WITH FILTER BOX AND 1" MERV 8 FILTER.

EXHAUST FAN SCHEDULE													
TAG	AREA SERVED	MANUFACTURER	MODEL	TYPE	DRIVE	CFM	S.P.	RPM	MOTOR HP OR WATTS	ELECTRICAL DATA	SONES	TYPE OF CONTROL	REMARKS/ACCESSORIES
EF-1	ADMIN BUILDING	GREENHECK	6B-141-5	CENTRIF.	BELT	1,475	.75	1,260	1/2	480V/3Ø	10	INTERLOCK WITH RTU-1	1, 2, 3
EF-2	STORAGE ROOM	GREENHECK	5P-A390	CEILING	DIRECT	325	.50	1,360	135M	120V/1Ø	5.0	REVERSE ACTING THERMOSTAT	4, 5, 6
EF-3	AREA 1 (TIPPING)	GREENHECK	RBU-3L 36-60	ROOF	BELT	16,500	0.5	1,181	3.0	460V/3Ø	-	ON/OFF VIA WALL CONTROL PANEL	1, 2, 3, 4, 7, 8
EF-4	AREA 2 (PROCESSING)	GREENHECK	RBU-2H 36-60	ROOF	BELT	12,175	0.5	1,181	2.0	460V/3Ø	-	2 SPEED FAN CONTROL VIA WALL MOUNTED CONTROL PANEL	1, 2, 3, 4, 7, 8
EF-5	AREA 4 (STORAGE)	GREENHECK	RBU-3L 36-60	ROOF	BELT	16,500	0.5	1,181	3.0	460V/3Ø	-	2 SPEED FAN CONTROL VIA WALL MOUNTED CONTROL PANEL	1, 2, 3, 4, 7, 8
EF-6	AREA 5 (TIPPING)	GREENHECK	RBU-2H 36-60	ROOF	BELT	12,175	0.5	1,181	2.0	460V/3Ø	-	ON/OFF VIA WALL CONTROL PANEL	1, 2, 3, 4, 7, 8
EF-7	COMPRESSOR ROOM	GREENHECK	6B-540-50	ROOF	BELT	25,000	0.5	350	5.0	460V/3Ø	18.7	REVERSE ACTING THERMOSTAT	1, 2, 3

- REMARKS/ACCESSORIES:**
1. PROVIDE WITH 12" ROOF CURB AND BIRD SCREEN.
  2. PROVIDE WITH DISCONNECT SWITCH AND MOTOR STARTER.
  3. PROVIDE SPRING LOADED BACKDRAFT DAMPER.
  4. PROVIDE WITH 1/2" ACCOUSTICALLY INSULATED HOUSING.
  5. PROVIDE WITH ALUMINUM GRILLE - WHITE FINISH.
  6. SUPPORT UNIT FROM STRUCTURE ABOVE WITH STEEL RODS AND NEOPRENE VIBRATION ISOLATORS.
  7. PROVIDE ROOF CURB ADAPTOR.
  8. PROVIDE WITH A SPARE SET OF BELTS.

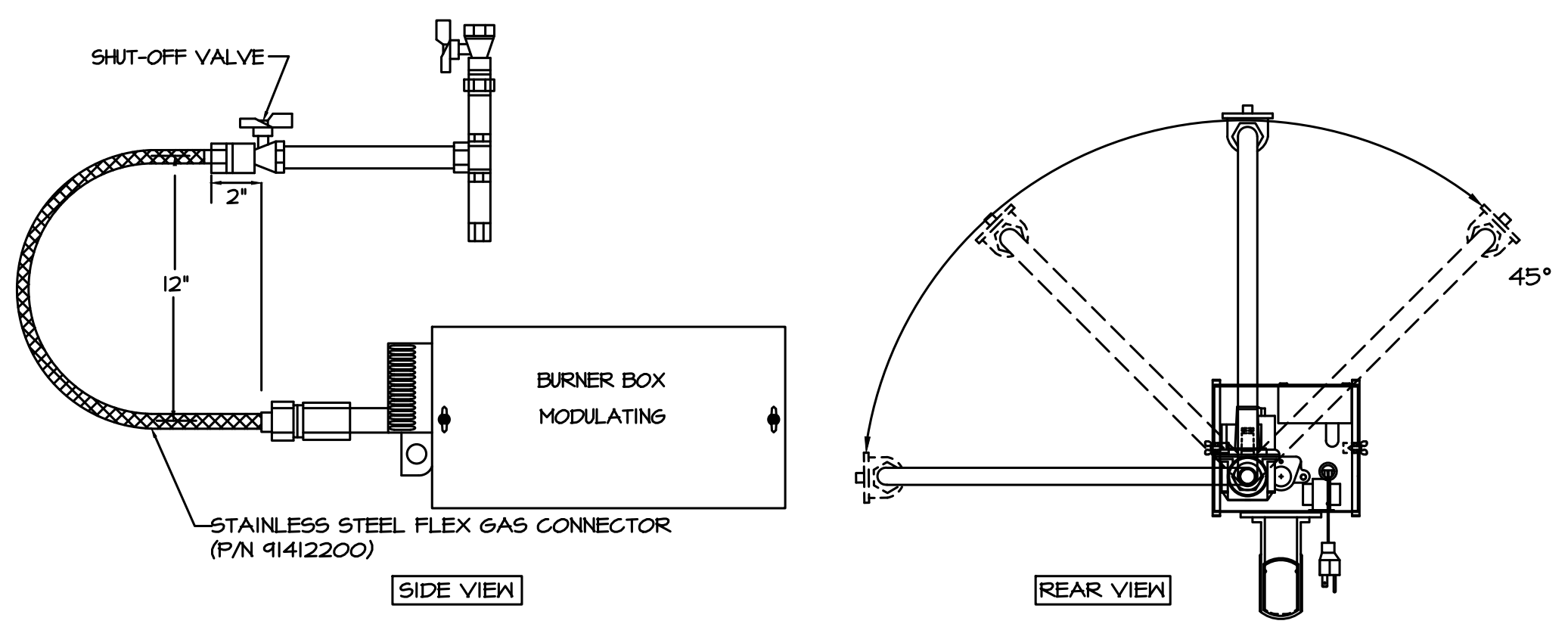
LOUVER SCHEDULE										
TAG	MAKE	MODEL	CFM	SIZE W x H x D	FREE AREA SQ. FT.	STATIC PRESS.	SERVICE	MATERIAL	REMARKS	
L-1	GREENHECK	ESD-603	6,475	48"x48"x6"	8.53	0.1	INTAKE	ALUMINUM	DRAINABLE STATIONARY BLADE WITH BIRDSCREEN	
L-2	GREENHECK	ESD-603	15,000	72"x72"x6"	20.13	0.1	INTAKE	ALUMINUM	DRAINABLE STATIONARY BLADE WITH BIRDSCREEN	
L-3	GREENHECK	ESD-603	16,500	96"x60"x6"	22.03	0.1	INTAKE	ALUMINUM	DRAINABLE STATIONARY BLADE WITH BIRDSCREEN	
L-4	GREENHECK	ESD-603	12,175	72"x60"x6"	16.54	0.1	INTAKE	ALUMINUM	DRAINABLE STATIONARY BLADE WITH BIRDSCREEN	

- NOTES:**
1. LOUVERS SHALL BE CAULKED WEATHERTIGHT ALL AROUND. COORDINATE CAULKING WITH G.C.
  2. LOUVERS SHALL BE FURNISHED WITH ALUMINUM BIRDSCREEN.
  3. FINISH AND COLOR OF THE LOUVER SHALL BE AS SELECTED BY THE ARCHITECT.
  4. PROVIDE LOUVER FLANGE AS REQUIRED.



- NOTES:**
1. REFER TO INSTALLATION, OPERATION AND SERVICE MANUAL FOR PROPER DESIGN.
  2. IN COMBUSTIBLE OR NONCOMBUSTIBLE WALLS, USE INSULATED VENT TERMINAL. FOLLOW VENT MANUFACTURER'S INSTRUCTIONS FOR PROPER INSTALLATION.
  3. 4" (10 CM) O.D. VENT PIPE, MAXIMUM 45 FT.(13.7M) IN LENGTH MAY BE USED AS SHOWN ABOVE WITH AN APPROVED VENT CAP. NOTE: CONDENSATE MAY DEVELOP WHEN LONG VENT PIPES ARE USED. IT IS RECOMMENDED THAT THE PIPE LENGTH SHOULD BE LESS THAN 20' (6M).
  4. WHEN HEATER LENGTHS BEYOND MINIMUM HEATER LENGTHS ARE USED THEY DIRECTLY EFFECT MAXIMUM VENT LENGTH. REFER TO INSTALLATION, OPERATION, AND SERVICE MANUAL FOR REQUIREMENTS.
  5. VENT TERMINAL MUST BE INSTALLED AT A HEIGHT SUFFICIENT TO PREVENT BLOCKAGE BY SNOW, BUILDING MATERIALS MUST BE PROTECTED FROM DEGRADATION BY VENT GASES.

**1 HORIZONTAL VENTING CONFIGURATIONS (VANTAGE MOD.)**  
SCALE: NO SCALE



- NOTES:**
1. GAS PIPE WORK MUST BE INSTALLED AND TESTED IN ACCORDANCE WITH UNITED STATES ANSI Z 223.1/NFPA 54 LATEST ADDITION AND CANADA-CSA-B149.1.
  2. INSTALL THE FLEX GAS CONNECTOR AS SHOWN. THE FLEX GAS CONNECTOR ACCOMMODATES EXPANSION OF THE HEATING SYSTEM AND ALLOWS FOR EASY INSTALLATION AND SERVICE OF THE BURNER.
  3. SHUT-OFF VALVE MUST BE PARALLEL TO BURNER INLET. THE 2" (5CM) DISPLACEMENT SHOWN IS FOR THE COLD CONDITION. THIS DISPLACEMENT MAY REDUCE WHEN THE SYSTEM IS FIRED.

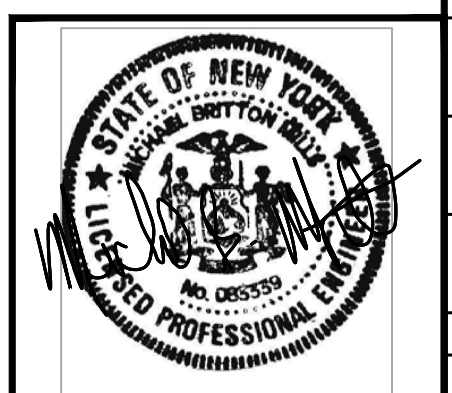
**2 GAS CONNECTION DETAIL (VANTAGE MOD.)**  
SCALE: NO SCALE

**PROJECT**

**STERLING**  
Sterling Environmental Engineering, P.C.

**martin rogers**  
ENGINEERING CONSULTANTS  
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 ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS 420 TORNE VALLEY ROAD, HILLBURN, NY 10931		SCHEDULES AND DETAILS	
ISSUED FOR RFP	7/30/21	PROJ. No:	499-010
BY: BJJ	XX	SCALE:	
DATE		DWG. NO.:	M-402
BY: CHK		CAD FILE:	N:\2021\10303\MFC21033 M-402.DWG
DESCRIPTION		APPROVED	
PROPRIETARY DATA		APPROVED	
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# ROCKLAND GREEN MRF FACILITY IMPROVEMENTS

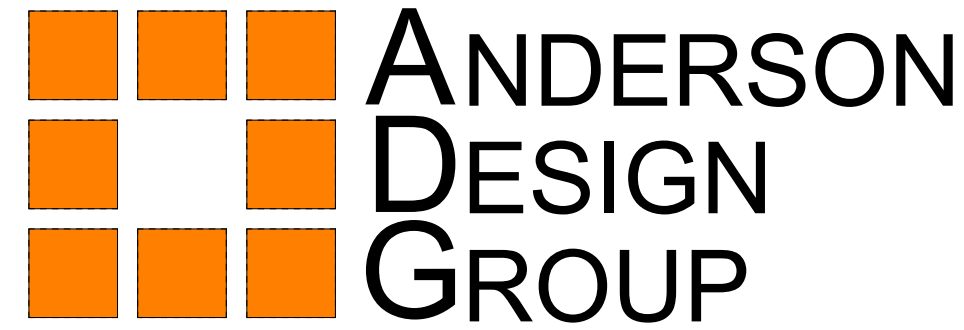
## CONTRACT 4 - PLUMBING

### 420 TORNE VALLEY ROAD HILLBURN NY 10931

CONSTRUCTION NOTES NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING



**RRT Engineering, LLC**  
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Melville, N.Y. 11747  
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O. 845.294.2724 | CONTACT@ADGARCHITECT.COM  
WWW.ADGARCHITECT.COM



MECHANICAL, ELECTRICAL AND PLUMBING ENGINEER:



CIVIL ENGINEER:

OWNER:

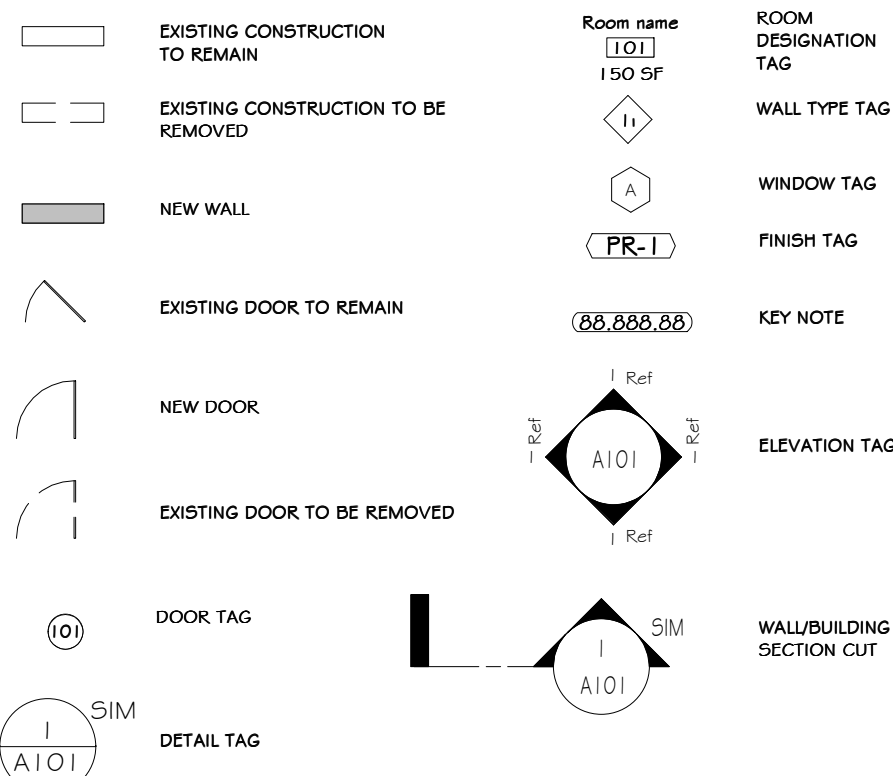
OWNER ENGINEER:

ARCHITECT:

**ROCKLAND GREEN FACILITY IMPROVEMENTS PHASING NOTE**

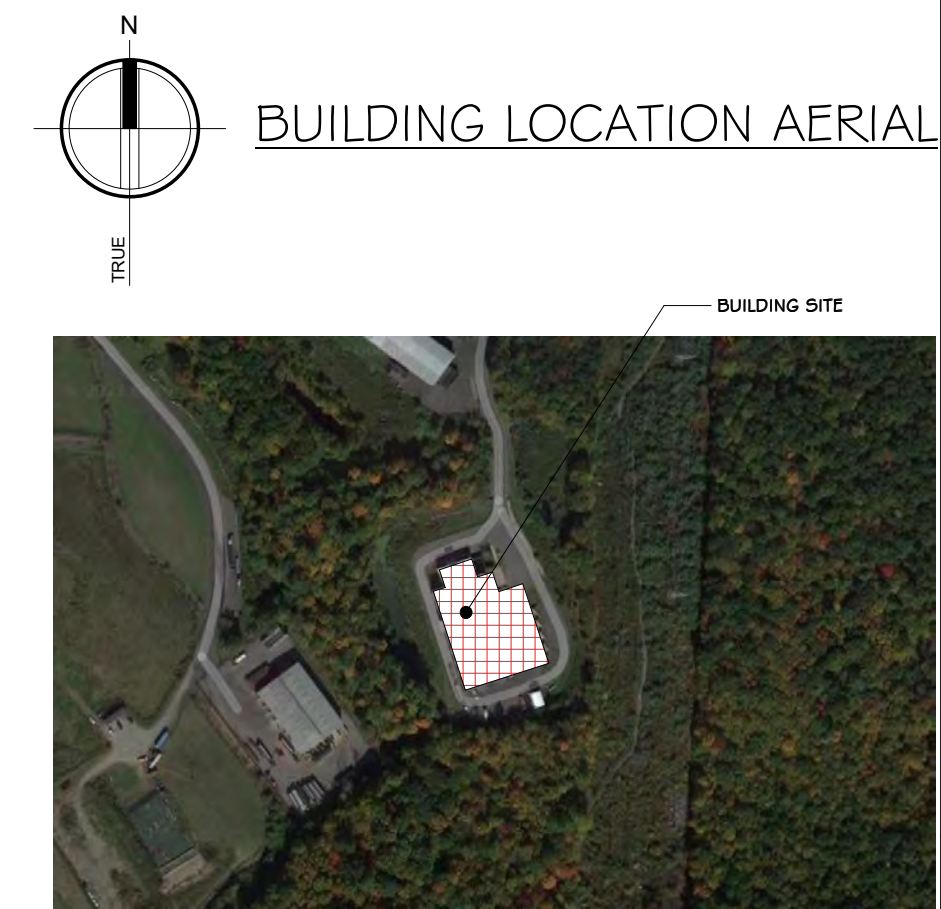
- Rockland Green is soliciting proposals for the construction of improvements to its existing Materials Recovery Facility (MRF), as further detailed in the Drawings and Specifications. These Facility Improvements include, but are not limited to, a building addition, site work, interior demolition work, interior build-out work, electric service upgrades and reworked mechanical, plumbing, electrical, fire sprinkler and fire alarm systems to accommodate a new state-of-the-art dual stream recyclables processing system supplied and installed under Contract No. 1 - Processing Equipment.
- The Facility Improvements are being procured through separate contracts as follows:
  - Contract No. 1 - Facility Improvements General Construction
  - Contract No. 2 - Facility Improvements Mechanical/HVAC
  - Contract No. 3 - Facility Improvements Electrical
  - Contract No. 4 - Facility Improvements Plumbing
  - Contract No. 5 - Facility Improvements Fire Protection
  - Contract No. 6 - Facility Improvements Fire Protection System
- The building has been divided into the following area designations:
  - Area 1 - Existing Tipping Area
  - Area 2 - Existing Processing Area
  - Area 3 - Existing Administration Area
  - Area 4 - New Commingled Tipping Area
  - Area 5 - New Storage & Glass Processing Area
  - Area 6 - New Truck Loading Dock Area
- Work shall commence on the exterior and in the Areas 1 and 2 for its Substantial Completion to be achieved prior to the start of delivery and installation of the Dual Stream Recyclables Processing System. It shall include all work as defined in the Contract Drawings, Specifications, and RFP Appendices. It shall also include all rough-ins associated with Mechanical, Electrical, Plumbing, and Fire Protection Equipment. All final connections of Mechanical, Electrical, Plumbing and Fire Protection (including equipment fire sprinkler system) in Areas 1 and 2 shall be completed prior to the start-up of processing equipment.
- Work in Area 3 shall be sequenced to allow efficient access and use of existing space for Contractors on-site as approved by the Engineer and shall be completed prior to Contract No. 2-G shall achieve Substantial Completion prior to the required date for the Operator to mobilize on-site and have partial occupancy and use of Area 3. Additionally, any Work by Contract Nos. 1 and 2-G related to all other Areas 1, 2, 4-6 and the site work/interior shall progress and be completed to support and not delay the overall Project Schedule.
- Contract Nos. 2-G Work in Areas 4 - 6 shall be sequenced by each applicable Contractor to make most use and access of working space where the building erection is complete, so the work of Contract No. 1 can proceed efficiently. All work to be coordinated between the Contractors.

**LEGEND:**

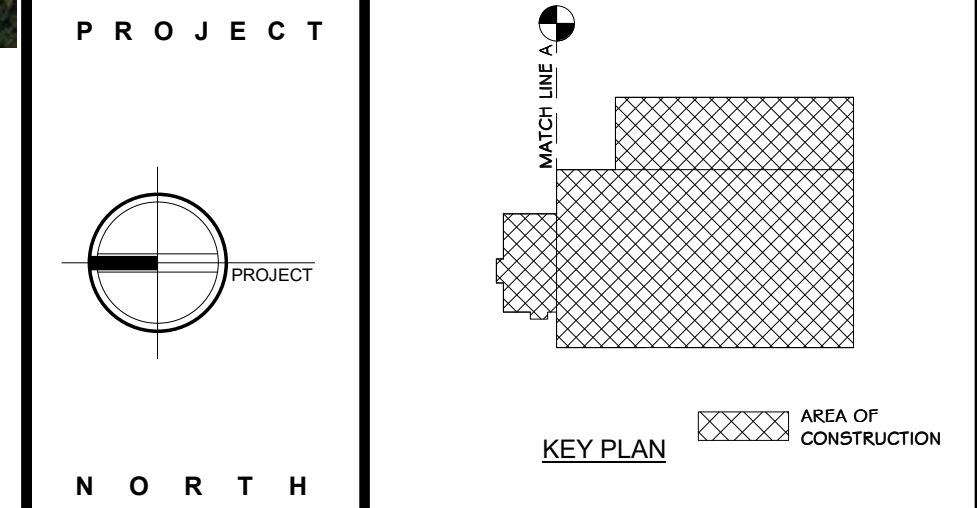
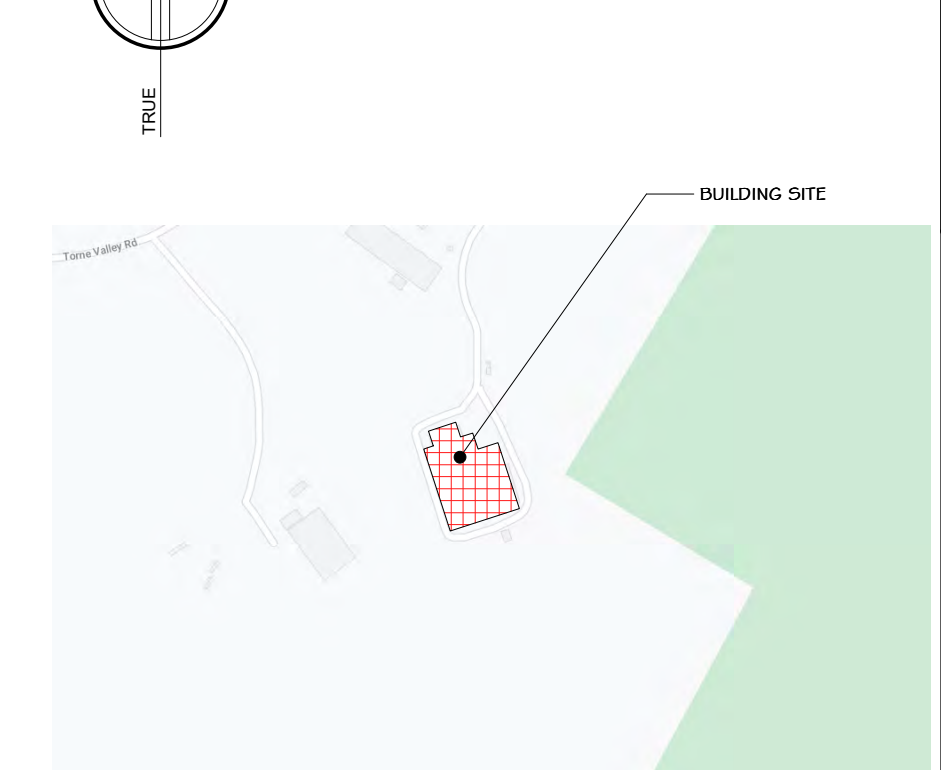


SHT.	SHEET TITLE	DRAWING DATE	100% CONSTR DOCUMENT	REVISION HISTORY			CURRENT REVISION		
				03/05/21	04/02/21	04/02/21	Rev. #	DATE	DESCRIPTION
P-000	TITLE SHEET PLUMBING	07/30/21	100%						No
P-001	LEGEND, NOTES AND DRAWING SCHEDULE	07/30/21	100%						No
PD-101	PARTIAL FIRST FLOOR PLANS - AREA 3	07/30/21	100%						No
P-101	PARTIAL FIRST FLOOR PLANS - AREA 3	07/30/21	100%						No
P-102	PARTIAL SECOND FLOOR PLANS - AREA 3	07/30/21	100%						No
P-103	PARTIAL FIRST FLOOR PLAN - WATER AREA 1, 2	07/30/21	100%						No
P-104	PARTIAL FIRST FLOOR PLAN - SANITARY AREA 4-6	07/30/21	100%						No
P-105	ROOF PLAN - PLUMBING	07/30/21	100%						No
P-301	GAS LOADS AND RISER DIAGRAM	07/30/21	100%						No

**BUILDING LOCATION AERIAL**

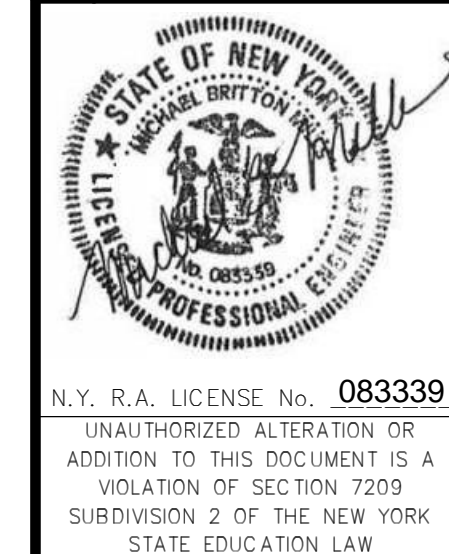


**BUILDING LOCATION**



**ABBREVIATIONS:**

AB.	ANCHOR BOLT	MAT.	MATERIAL
A.C.T.	ACOUSTICAL CEILING TILE	MECH.	MECHANICAL
A.F.F.	ABOVE FINISH FLOOR	MIN.	MINIMUM
APPX.	APPROXIMATE	MIRKOR	MISCELLANEOUS
ARCH.	ARCHITECT	MISC.	MISCELLANEOUS
BSMT.	BASEMENT	MTL.	METAL
BM	BEAM	NOM.	NOMINAL
BO	BOARD	N.T.S.	NOT TO SCALE
BO.T	BOITOM	O.C.	ON CENTER
BUDG.	BUILDING	O.H.	OVERHEAD
CAB.	CABINET	P.D.	PAINTED
CLG.	CEILING	P. LAM.	PLASTIC LAMINATE
C.T.	CERAMIC TILE	PL.	PLATE
CR.	CIRCLE	P.F.S.	POUNDS PER SQ. FOOT
COL	COLUMN	P.S.I.	POUNDS PER SQ. INCH.
C.J.	CONTROL JOINT	PREFAB	PREFABRICATED
CORR.	CORRIDOR	P.T.	PRESSURE TREATED (WOOD)
D.L.	DEAD LOAD	RAD.	RADIUS
D.TL.	DETAIL	RAILNG	RAILING
D.IAM.	DIAMETER	REF.	REFRIGERATOR
D.M.	DIMENSION	REF.	REFRIGERATED
D.W.	DISHWASHER	REINP.	REINFORCE(ED), (ING)
D.S.	DOUBLE HUNG	REV.	REVISION, (E), (ED)
DWG.	DRAWING	RFG.	ROOFING
ELEC.	ELECTRICAL	RM.	ROOM
ELEV.	ELEVATION	SEC.	SECTION
EQ.	EQUAL	SHTHG.	SHATHING
EXST.	EXISTING	SHT.	SHEET
EXT.	EXTERIOR	SIM	SIMILAR
E.I.F.S.	EXTERIOR INSULATED FINISH SYSTEM	S.C.	SOLID CORE
FIN.	FINISH	SPEC.	SPECIFICATION
F.F.	FIREPLACE	SO.	SQUARE
FLR.	FLOOR	STD.	STANDARD
F.D.	FLOOR DRAIN	STR.	STRUCTURAL
FTG.	FOOTING	THK.	THICKNESS
FND.	FOUNDATION	THR.	THRESHOLD
FUR.	FURRED	T&G	TONGUE AND GROOVE
G.C.	GENERAL CONTRACTOR	T.O.C.	TOP OF CONCRETE
GL.	GLASS, GLAZING	T.O.B.	TOP OF BEAM
G.Y.B.	GYPSUM BOARD	T.O.F.	TOP OF FOUNDATION
HDW.	HARDWARE	T.O.P.	TOP OF PLATE
HDR.	HEADER	TR.	TREAD
HTRG.	HEATING	TYP.	TYPICAL
HVAC	HEATING/VENTILATION/AIR CONDITIONING	UNF.	UNFINISHED
HGT.	HIGHT	U.D.N.	UNLESS OTHERWISE NOTED
HORZ.	HORIZONTAL	V.B.	VAPOR BARRIER
HS.	HOSE BIBB	VERT.	VERTICAL
INS.	INSULATED, (ION)	V.I.F.	VENTILATION
IT.	JOINT	W.C.	WATER CLOSET
JST.	JOIST	W.P.	WATER PROOFING
KIT	KITCHEN	WR.	WATER RESISTANT
LA.	LAVATORY	WWF.	WELDED WIRE FABRIC
LI.	LIGHT	WN.	WINDOW
L.L.	LIVE LOAD	W/O.	WITHOUT
MFR.	MANUFACTURER	WD.	WOOD
MAS.	MASONRY		



REV.	DESCRIPTION	DATE	BY
A	ISSUED FOR RFP	07-30-21	BY: C.L.P.

**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

BY	DATE	PROJ. No:	SCALE:
IDEA	07/09/21	499-010	AS SHOWN
CHECKED	07/09/21	DWG. NO: P-000	A
DESIGNED	07/09/21	CAD FILE:	
APPROVED	07/09/21	SHEET SIZE: D-24x36	REV

**PLUMBING GENERAL NOTES:**

- VERIFY LOCATIONS OF EXISTING AND NEW WORK REQUIRED FOR CONSTRUCTION. MODIFY POINTS OF CONNECTION TO EXISTING SYSTEMS AS NECESSARY FOR JOB CONDITIONS. PROVIDE VALVING, PIPING AND TEMPORARY CONNECTIONS TO NEW AND EXISTING SYSTEMS AS NECESSARY FOR WORK CONTINUATION.
- ALL EXISTING SYSTEMS NOT IN THE CONSTRUCTION PHASE SHALL REMAIN IN SERVICE. ALL SYSTEM SHUTDOWNS SHALL BE COORDINATED AND OCCUR ONLY WITH THE APPROVAL OF THE FACILITY.
- THIS CONTRACTOR IS RESPONSIBLE FOR CUTTING AND PATCHING MADE NECESSARY BY HIS WORK. REMOVALS SHALL BE TO BEYOND FINISHED SURFACES TO ALLOW PATCHING AND FINISHING TO MATCH ADJACENT SURFACES.
- DEMOLITION ITEMS SHALL BE REMOVED FROM THE JOB SITE AND PROPERLY DISPOSED OF, EXCEPT AS DIRECTED BY THE OWNERS REPRESENTATIVE.
- COORDINATE ALL WORK WITH THE FUNCTIONS OF ADJACENT AREAS INCLUDING ABOVE AND BELOW THE PROJECT AREA. PROVIDE SLAB CUTTING AND PATCHING AS NECESSARY TO MAKE NEW CONNECTIONS TO EXISTING UNDER FLOOR SANITARY PIPING.
- CEILINGS THAT NEED TO BE TEMPORARILY REMOVED TO ALLOW FOR THE INSTALLATION OF PIPING OR EQUIPMENT AND ARE NOT SCHEDULED TO BE REMOVED ON THE ARCHITECTURAL DRAWINGS SHALL BE REMOVED AND REPLACED BY THIS CONTRACTOR. COORDINATE THE REMOVAL AND THE REPLACEMENT WITH THE ELECTRICAL, MECHANICAL AND FIRE PROTECTION CONTRACTORS.
- DO NOT INSTALL ANY PLUMBING WORK ABOVE ELECTRICAL PANELS.
- DO NOT INSTALL ANY PLUMBING WORK ABOVE OR THROUGH ELEVATOR EQUIPMENT ROOM, OR DATA ROOMS UNLESS SPECIFICALLY SERVING EQUIPMENT ROOM.
- SLEEVE AND SEAL ALL PIPE PENETRATIONS OF WALL AND FLOORS. PACK VOID BETWEEN PIPE AND SLEEVE WITH INSULATION IN NON-RATED WALL AND FLOORS. PACK VOID BETWEEN PIPE AND SLEEVE WITH INSULATION IN FIRE-RATED WALLS AND FLOORS. APPLY INTUMESCENT FIRE SAFING COMPOUND AT PENETRATION. MAINTAINING INTEGRITY AND RATINGS OF FIRE SEPARATION. SLEEVES THROUGH FLOORS SHALL EXTEND 2" ABOVE FLOOR, BE GROUTED INTO PLACE AND WATERPROOFED. PIPING THROUGH EXTERIOR WALLS SHALL BE SLEEVED AND SEALED WEATHER TIGHT.
- ALL NEW EQUIPMENT INSTALLED ON THIS PROJECT CONTAINING BRASS AND/OR IN CONTACT WITH POTABLE WATER SUPPLY SHALL COMPLY WITH THE REDUCTION OF LEAD IN DRINKING WATER ACT OF 2011. NO LEAD ALLOWED.

**GENERAL**

- POINT OF CONNECTION TO EXISTING
- POINT OF DISCONNECTION
- FIXTURE/EQUIPMENT IDENTIFICATION TAG
- PLAN/DETAIL #/DRAWING NUMBER

**PIPE SYMBOLS**

- PIPE ELBOW UP
- PIPE TEE UP
- PIPE ELBOW DOWN
- PIPE TEE DOWN
- SOLENOID VALVE
- SHOCK ARRESTOR
- FIXTURE TRAP
- FLOOR DRAIN
- BALL VALVE
- GATE VALVE
- BALANCE VALVE
- GAS SHUTOFF VALVE
- CHECK VALVE
- BUTTERFLY VALVE
- PRESSURE RELIEF VALVE
- UNION
- FLANGE
- SANITARY WASTE
- SANITARY VENT
- DOM. COLD WATER
- DOM. HOT WATER
- DOM. HOT WATER RECIRC.
- MEDICAL VACUUM
- MEDICAL OXYGEN
- MEDICAL AIR
- FLEXIBLE CONNECTION
- PIPE CAP
- Y-TYPE STRAINER
- PRESSURE REDUCING VALVE
- PRESSURE GAUGE W/PEACOCK
- THERMOMETER
- PRESSURE RELIEF VALVE
- ANTI-SYPHON VALVE
- HOSE END DRAIN VALVE
- CLEAN OUT

**ABBREVIATIONS**

- & AND
- AD ACCESS DOOR
- AFF ABOVE FINISHED FLOOR
- BHP BRAKE HORSEPOWER
- BTUH BRITISH THERMAL UNITS PER HOUR
- CD A.C. CONDENSATE DRAIN
- CLG CEILING
- CO CLEANOUT
- CONT CONTINUATION
- CMH COLD WATER
- DN DOWN
- DOM DOMESTIC
- DWS DRAWING
- EC ELECTRICAL CONTRACTOR
- EX EXISTING (ALSO EXIST)
- F DEGREES FAHRENHEIT
- FD FLOOR DRAIN
- FLCO FLOOR CLEANOUT
- GC GENERAL CONTRACTOR
- GPM GALLONS PER MINUTE
- H & CM HOT AND COLD WATER
- HP HORSEPOWER
- HVAC HEATING, VENTILATING & AIR CONDITIONING
- HW HOT WATER
- HWR HOT WATER RECIRCULATING
- HZ HERTZ
- IN WG INCHES WATER GAUGE
- KM KILOWATT
- MBH THOUSAND BTU
- ORD OVERFLOW ROOF DRAIN
- PD PRESSURE DROP
- PH PHASE
- PSI (G) POUNDS PER SQUARE INCH (GAUGE)
- RAC RUN ABOVE CEILING
- RBF RUN BELOW FLOOR
- RIC RUN IN CHASE
- RD ROOF DRAIN
- RECIRC RECIRCULATING
- RO ROOF OPENING
- RWC RAIN WATER CONDUCTOR
- SAN SANITARY
- TYP TYPICAL
- VV VOLTS
- V VENT
- W WITH
- WCO WALL CLEANOUT

**PLUMBING FIXTURES SCHEDULE**

TAG	FIXTURE	MANUFACTURER DESIGN BASIS	MODEL #	SIZE	MATERIAL	CONNECTIONS DATA (INCHES)					MOUNTING HEIGHT	NOTES
						COLD WATER	HOT WATER	SANITARY SEWER	VENT	STORM		
DSN	DOWNSPOUT NOZZLE	ZURN	Z199	SEE PLANS	BRONZE	-	-	-	-	SEE PLANS	NO GREATER THAN 18" AFG	
FD-1	FLOOR DRAIN	ZURN	Z415B	SEE PLANS	BRONZE	-	-	2"	1 1/2"	-	FLOOR MTD	4
FS-1	FLOOR SINK	ZURN	Z1902	SEE PLANS	A.R.E.	-	-	SEE PLANS	SEE PLANS	-	FLOOR MTD	4, 7
GD-1	GARBAGE DISPOSAL	INSINKERATOR	BADGER 5	1/2" HP	PLASTIC	-	-	1 1/2"	-	-	UNDER SINK	5
P-1	WALL HUNG WATER CLOSET - FV	KOHLER	K-4325	-	VITREOUS CHINA	1"	-	3"	3"	-	WALL MOUNTED	1, 8
P-1A	ADA - WALL HUNG WATER CLOSET FV	KOHLER	K-4325	-	VITREOUS CHINA	1"	-	3"	3"	-	ADA HEIGHT AND CLEARANCES	1
P-2	WALL HUNG URINAL - FV	KOHLER	K-5016-ETSS	-	VITREOUS CHINA	3/4"	-	3"	3"	-	WALL MOUNTED	1, 9
P-2A	ADA - WALL HUNG URINAL - FV	KOHLER	K-5016-ETSS	-	VITREOUS CHINA	3/4"	-	3"	3"	-	ADA HEIGHT AND CLEARANCES	1, 9
P-3	WALL HUNG LAVATORY	KOHLER	K-1722	19 1/2"x17 1/2"	VITREOUS CHINA	1/2"	1/2"	1 1/2"	1 1/2"	-	WALL MOUNTED	2, 10
P-3A	ADA - WALL HUNG LAVATORY	KOHLER	K-1722	19 1/2"x17 1/2"	VITREOUS CHINA	1/2"	1/2"	1 1/2"	1 1/2"	-	ADA HEIGHT AND CLEARANCES	2, 10
P-4	KITCHEN SINK	ELKAY	CR2521	25"x22"x6-7/8"	STAINLESS STEEL	1/2"	1/2"	1 1/2"	1 1/2"	-	COUNTER MOUNTED	3, 11
P-5	MOB BASIN	FIAT	SB2424	24"x24"x6"	TERRAZZO	3/4"	3/4"	3"	3"	-	FLOOR MTD	12
P-6	WALL MOUNTED LAVATORY	KOHLER	K-1722	19 1/2"x17 1/2"	VITREOUS CHINA	1/2"	1/2"	1 1/2"	1 1/2"	-	WALL MOUNTED	2, 10
P-7	ELECTRIC WATER COOLER WITH BOTTLE FILL	HAWS	1211S	-	STAINLESS STEEL	1/2"	-	1 1/2"	1 1/2"	-	ADA HEIGHT AND CLEARANCES	6
P-8	EMERGENCY EYE WASH STATION	BRADLEY	S19224BPT	-	STAINLESS STEEL	1/2"	1/2"	1 1/2"	1 1/2"	-	ADA HEIGHT AND CLEARANCES	13

- NOTES:
- PROVIDE WATER SHOCK ABSORBER PER MANUFACTURERS RECOMMENDATIONS INSTURCTIONS.
  - PROVIDE TRUEBRO MODEL #102 ADA WATER SUPPLY AND SANITARY SEWER COVERS, ANGLE STOP VALVES, P-TRAP, STRAINER, ASSE 1016 THERMAL MIXING VALVE SET TO 110°F (ADJUSTABLE).
  - PROVIDE ANGLE STOP VALVES, P-TRAP, GD-1 ASSE 1016 THERMAL MIXING VALVE SET TO 110°F (ADJUSTABLE).
  - PROVIDE STATE APPROVED TRAP SEAL DEVICE.
  - PROVIDE WALL SWITCH, FACTORY DISCONNECT SWITCH, 120V/1ø, 6.3 AMPS.
  - PROVIDE FACTORY DISCONNECT SWITCH 115V/1ø, FLA = 5 AND INLINE FILTER.
  - PROVIDE SEDIMENT BASKET.
  - PROVIDE SLOAN MODEL #SOLIS 8113-1.6/1.1-OR, ANTIMICROBIAL SEAT MODEL K-4731-CA, FLOOR MOUNTED CARRIER.
  - PROVIDESLOAN MODEL #SOLIS-8186, FLOOR MOUNTED CARRIER.
  - PROVIDE FAUCETMODEL #K-13461
  - PROVIDE KOHLER MODEL # K-560 FAUCET.
  - PROVIDE 3'-0" STAINLESS STEEL WALL PROTECTORS ON WALL(S), KOHLER FAUCET MODEL #K-837T60-4A.
  - PROVIDE THERMAL MIXING VALVE SET TO (75-100°F) ADJUSTABLE, UNIT TO FAIL COLD.

**GAS WATER HEATER SCHEDULE**

TAG	FIXTURE	MANUFACTURER DESIGN BASIS	MODEL #	GALLONS	RECOVERY GPH @ 100°F DELTA T	CONNECTIONS DATA (INCHES)				GAS INPUT (MBH)	VOLTS/PHASE	NOTES
						COLD WATER	HOT WATER	CA/FLUE	GAS			
WH-1	GAS WATER HEATER	AO SMITH	BTH-120 MXI	60	138	1 1/2"	1 1/2"	4"	3/4"	120	120V/1ø	1-2

- NOTES:
- PROVIDE 6" HOUSEKEEPING/INERTIA PAD, THERMAL EXPANSION TANK AMTROL MODEL #ST-5-C.
  - PROVIDE FACTORY DISCONNECT SWITCH.

**PUMP SCHEDULE**

PLAN MARK	SYSTEM SERVED	TYPE	GPM	HEAD (FT)	SHUTOFF HEAD (FT)	MOTOR DATA			DESIGN BASIS (F. MYERS)	NOTES
						HP	VOLTS/ø	RPM		
P-1	LEACHATE SYSTEM	BASE MOUNTED	25	15	137	2	460/3ø	1750	CT SERIES CTJ20	1

- NOTES:
- PROVIDE ABOVE GROUND VFD PRSSURE SYSTEM, FACTORY DISCONNECT SWITCH, 1 1/2" INLET OUTLET HOSES QUICKCONNECT HOSES. PUMP FROM PIT LOCATED NEAR B5. PUMP TO OWNER PROVIDE 150 GALLON STORAGE TANK. PROVIDE CHECK VALVE, UNIONS, STRAINERS AND SHUT-OFF VALVES.

**PLUMBING DRAWING SCHEDULE**

PLAN MARK	DESCRIPTION	STATUS
P-001	LEGEND, NOTES AND DRAWING SCHEDULE	●
PD-101	AREA A FLOOR PLANS - DEMOLITION	●
P-101	PARTIAL FIRST FLOOR PLANS - AREA 3	●
P-102	PARTIAL SECOND FLOOR PLANS - AREA 3	●
P-103	PARTIAL FIRST FLOOR PLAN - WATER - AREA 1, 2	●
P-104	PARTIAL FIRST FLOOR PLAN - SANITARY - AREA 4-6	●
P-105	ROOF PLAN - PLUMBING	●
P-301	GAS LOADS AND RISER DIAGRAM	●

NOTE : THIS IS A GENERAL PLUMBING LEGEND. ALL SYMBOLS MAY NOT APPEAR ON THE PLANS. SEE PLANS FOR ACTUAL SYMBOLS USED.

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10 WALL LANE • HUNTSBOURNE • NY 10946  
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**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

**ROCKLAND GREEN**  
MATERIALS RECOVERY FACILITY,  
FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**LEGEND, NOTES AND DRAWING SCHEDULE**



REV	DESCRIPTION	DATE	BY
A	ISSUED FOR RFP	7/30/21	RVS/RGL

CHECKED	DESIGNED	APPROVED
RVS	RVS	-
RGL	RVS	-

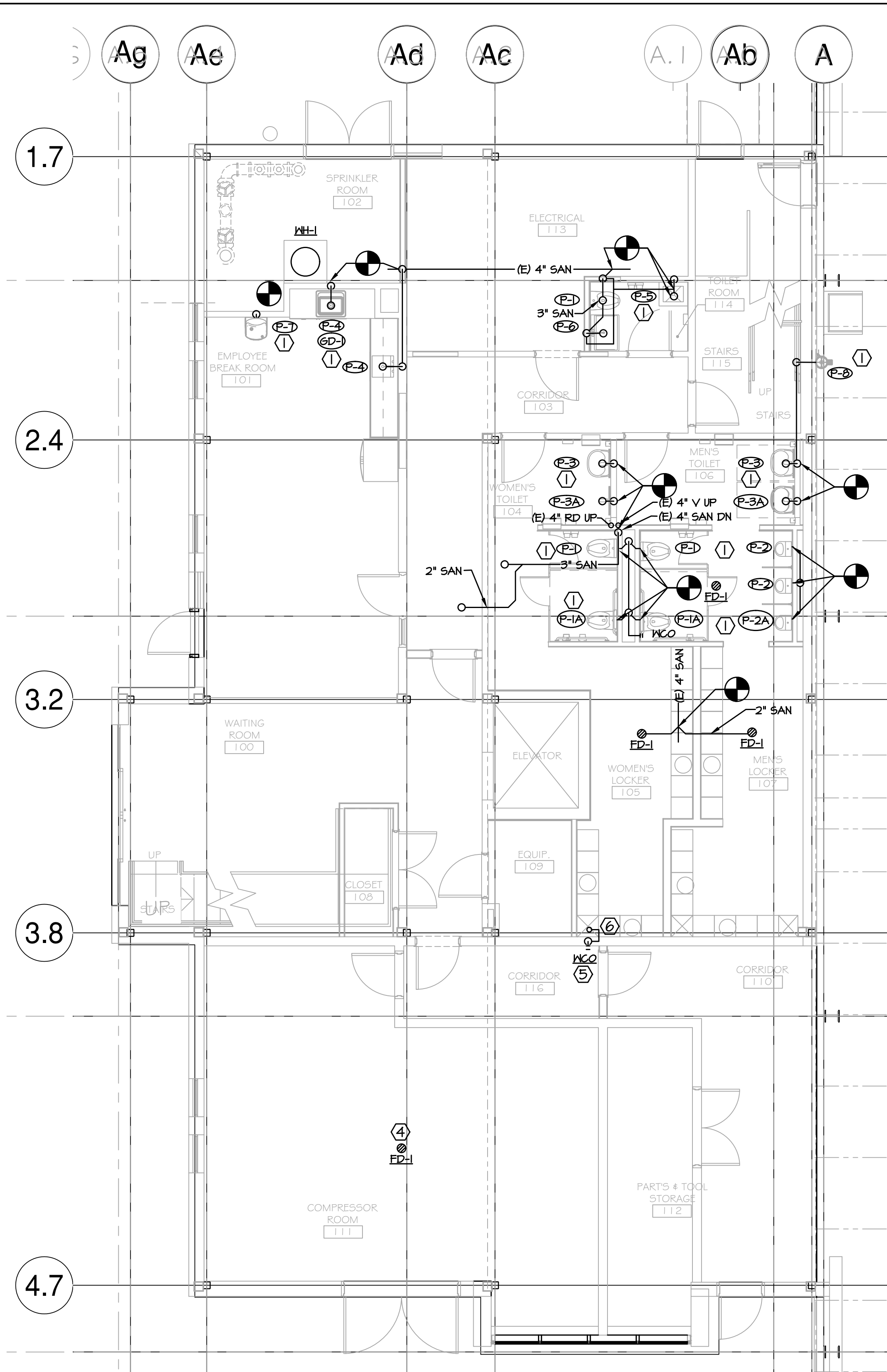
BY	DATE	PROJ. No.	SCALE
RVS	7/30/21	499-010	NTS
RGL	7/30/21		
RVS	7/30/21		

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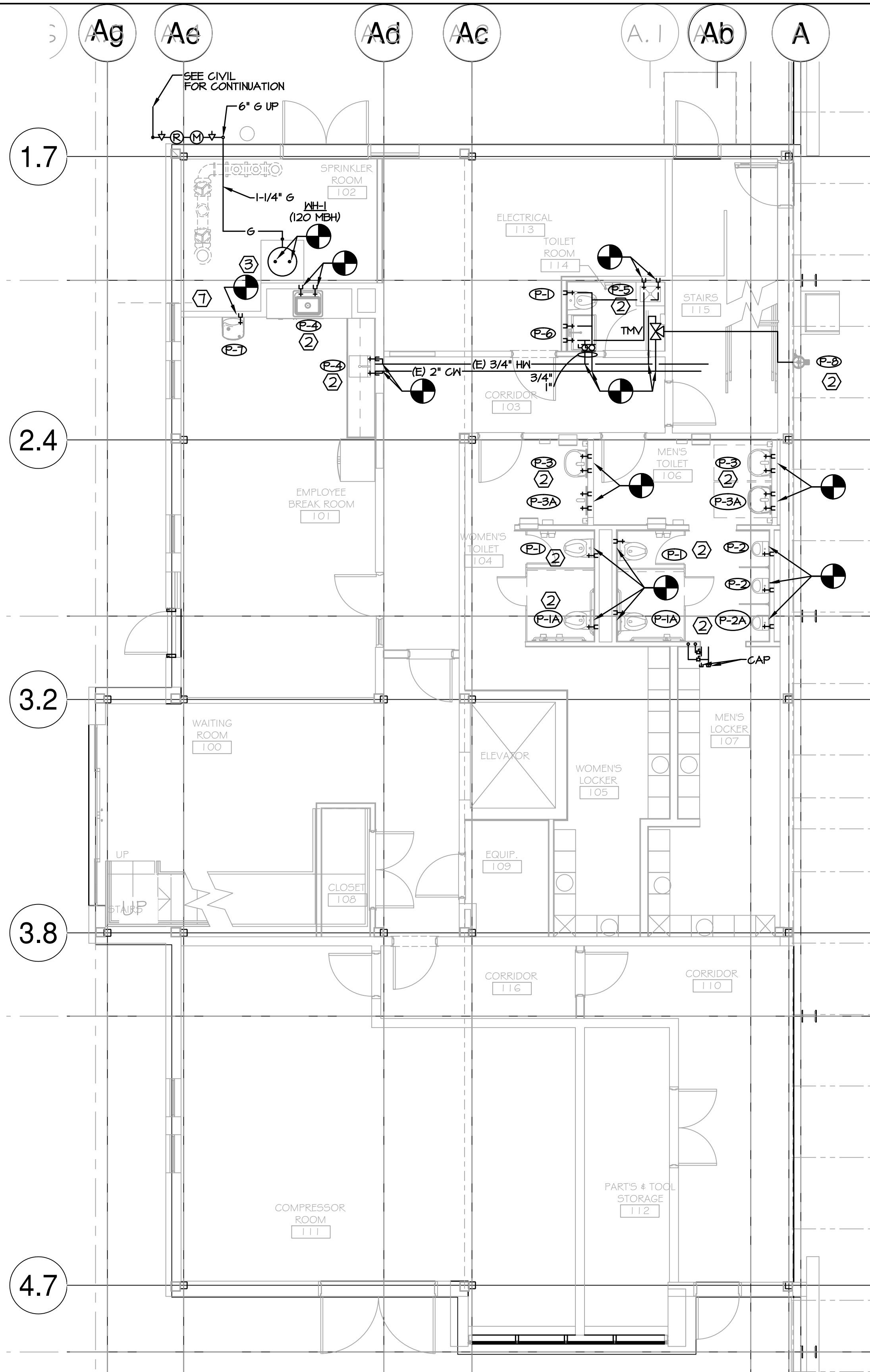
**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3581  
Melville, N.Y. 11747  
ph: 631-756-1060  
fax: 631-756-1064

DWG. NO: **P-001**  
CAD FILE: N:\2021\121033MEP21033 P-001.DWG  
SHEET SIZE: **D-24x36**

**NOT FOR CONSTRUCTION**



**1 PARTIAL FIRST FLOOR PLAN - SANITARY**  
 P-101-BP SCALE: 3/16"=1'-0"



**2 PARTIAL FIRST FLOOR PLAN - WATER AND GAS PIPING**  
 P-101-BP SCALE: 3/16"=1'-0"

- KEY NOTES:**
- CONNECT NEW FIXTURE INTO EXISTING SANITARY SEWER AND VENT PIPING.
  - CONNECT NEW FIXTURE INTO EXISTING HOT AND COLD WATER PIPING.
  - CONNECT EXISTING HOT AND COLD, NEW 1 1/2" GAS LINE INTO NEW HEATER.
  - CONNECT INTO NEAREST 2" OR LARGER SANITARY SEWER.
  - RE-ROUTE FLOOR CLEANOUT TO WALL CLEANOUT, PATCH EXISTING IN FLOOR.
  - PROVIDE AIR GAP FOR 3/4" CONDENSATE DRAIN INTO NEW WALL CLEAN-OUT, PROVIDE ACCESS PANEL IN WALL.
  - REPLACE NON WORKING COLD WATER MAIN SHUT-OFF VALVE ONE FOR ONE.

**GAS LOAD:**

GAS APPLIANCE	GAS INPUT(MBH)
UH-1	120
UH-1 (x6)	400 EACH
UH-1-4 (x4)	80 EACH
UH-5-6 (x2)	150 EACH
RTU-1	250
RTU-2	50
RTU-3	50
TOTAL:	3,490 MBH OR CFH

LONGEST GAS APPLIANCE FROM METER:  
 UH-1 @ ~420 FT FROM METER.  
 SCHEDULE 40 LESS THAN 2.0 PSIG - 0.3" WC PRESSURE DROP, SG = 0.60.

**PROJECT**

**STERLING**  
Sterling Environmental Engineering, P.C.

**martinrogers**  
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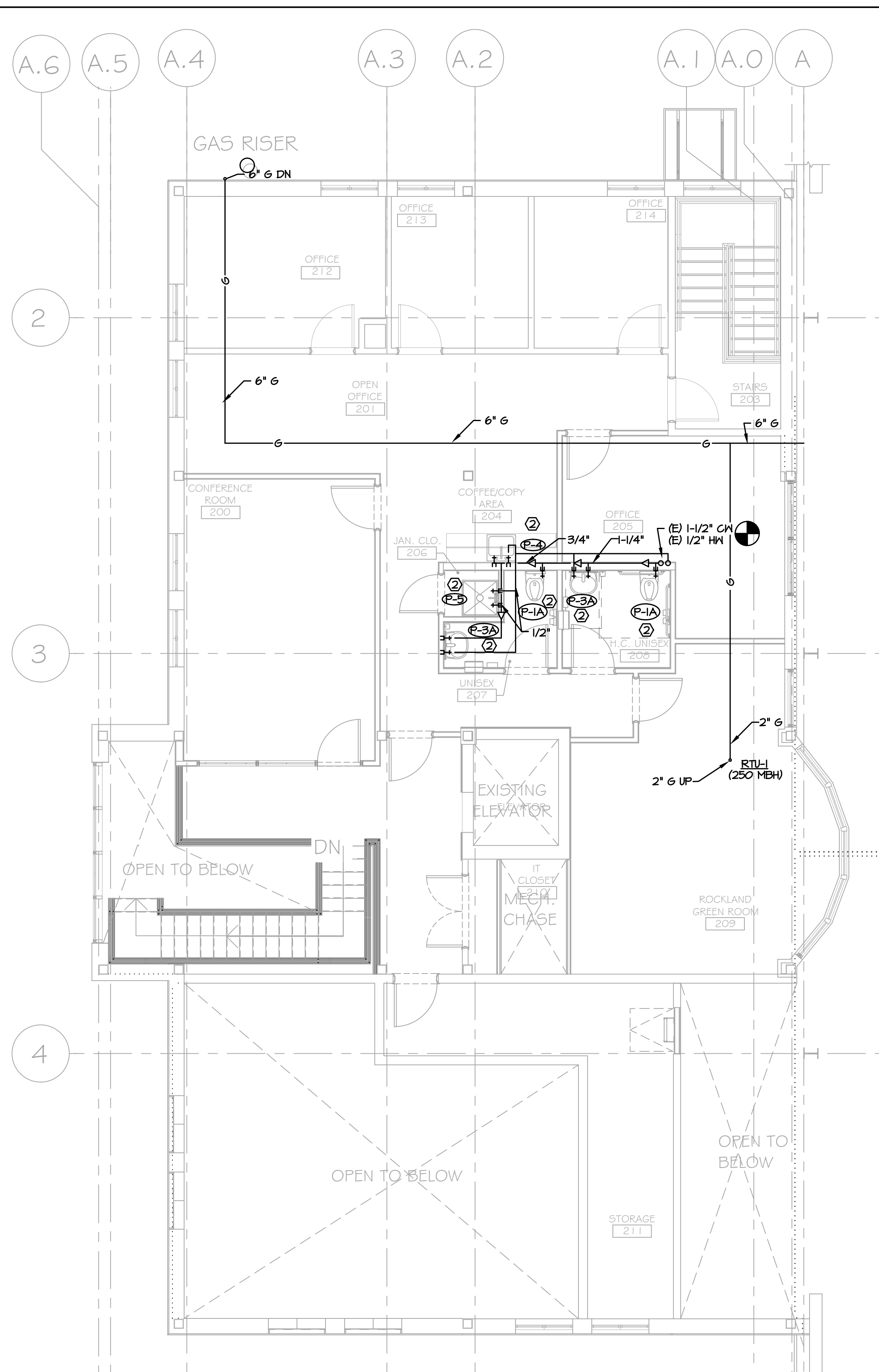
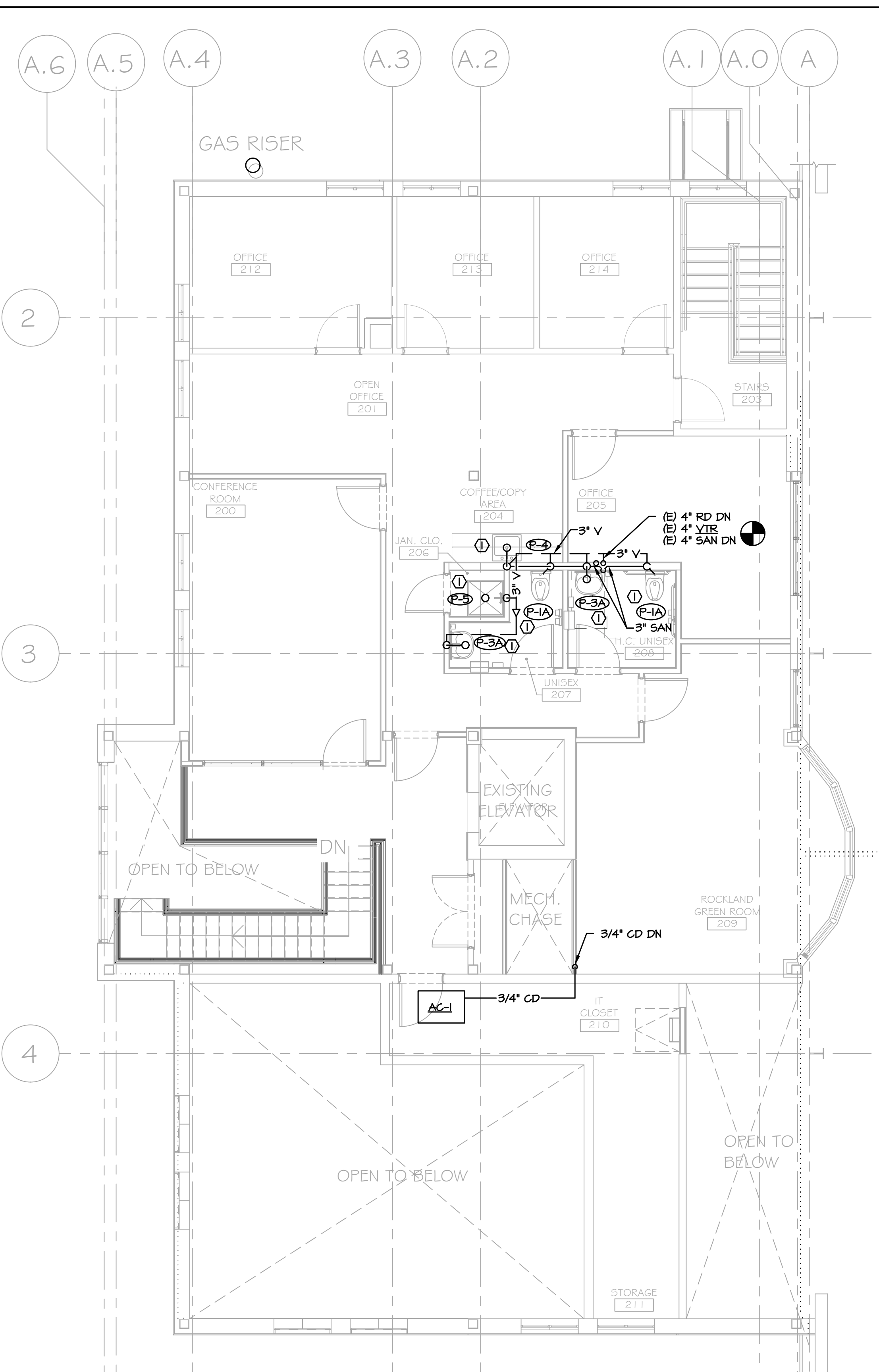


<b>RRT Engineering, LLC</b> An Affiliate of Enviro-Services & Constructors, Inc. NY COA # 0017967	
<b>Rockland Green</b> MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS 420 TORNE VALLEY ROAD, HILLBURN, NY 10931	
PARTIAL FIRST FLOOR PLANS AREA 3	
ISSUED FOR RFP	7/30/21
REV	DESCRIPTION
A	ISSUED FOR RFP
REV	DESCRIPTION
BY	DATE
DESIGNED	7/30/21
CHECKED	7/30/21
APPROVED	7/30/21
APPROVED	

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**NOT FOR CONSTRUCTION**

PROJ. No: 499-010	SCALE: NTS
DWG. No: P-101	REV
CAD FILE: N:20211033MEP21033 P-101.DWG	
SHEET SIZE: D-24x36	



- KEY NOTES:**
- CONNECT NEW FIXTURE INTO EXISTING SANITARY SEWER AND VENT PIPING.
  - CONNECT NEW FIXTURE INTO EXISTING HOT AND COLD WATER PIPING.

**1 PARTIAL SECOND FLOOR PLAN - SANITARY**  
 P-102-BP SCALE: 3/16"=1'-0"

**2 PARTIAL SECOND FLOOR PLAN - WATER AND GAS PIPING**  
 P-102-BP SCALE: 3/16"=1'-0"

**PROJECT**

**NORTH**

KEY PLAN

**STERLING**  
 Sterling Environmental Engineering, P.C.

**martinrogers**  
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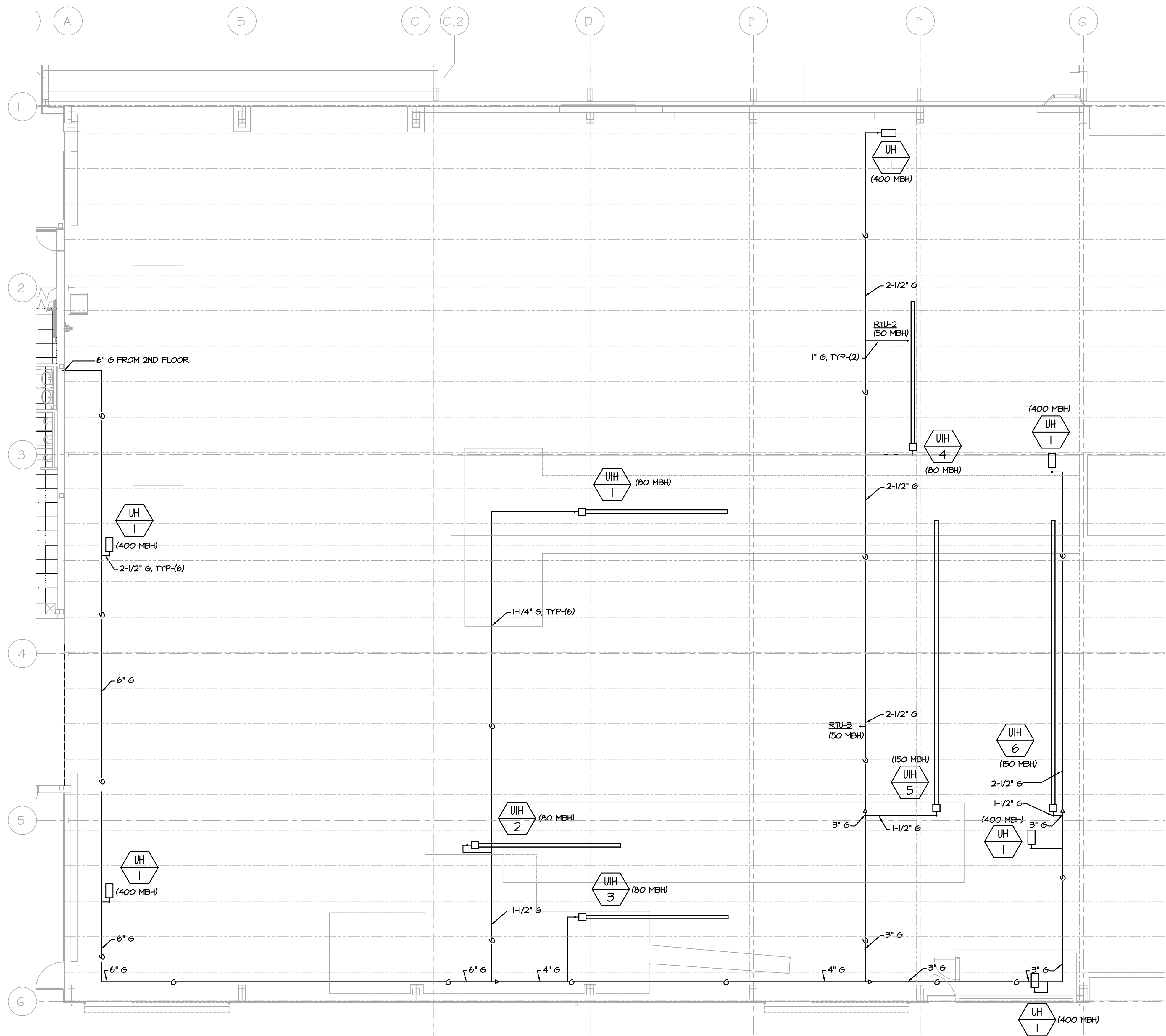
**PARTIAL SECOND FLOOR PLANS AREA 3**



ISSUED FOR RFP	7/30/21	PROJ. No: 499-010	SCALE: SEE PLANS
DESCRIPTION	DATE	DWG. NO:	P-102
BY	DATE	CAD FILE:	N:2021121033MEP21033 P:102.DWG
CHECKED	7/30/21	SHEET SIZE:	D-24x36
DESIGNED	7/30/21	REV	
APPROVED			

NOT FOR CONSTRUCTION

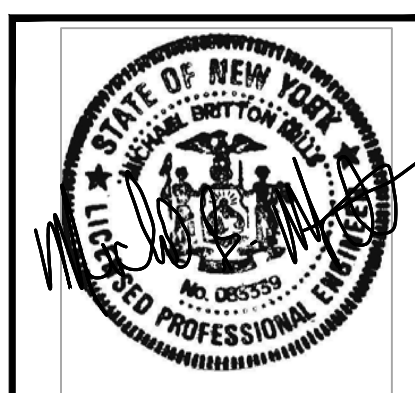




**1 PARTIAL FIRST FLOOR PLAN - PLUMBING PLAN**  
 P-103-BF SCALE: 3/32"=1'-0"

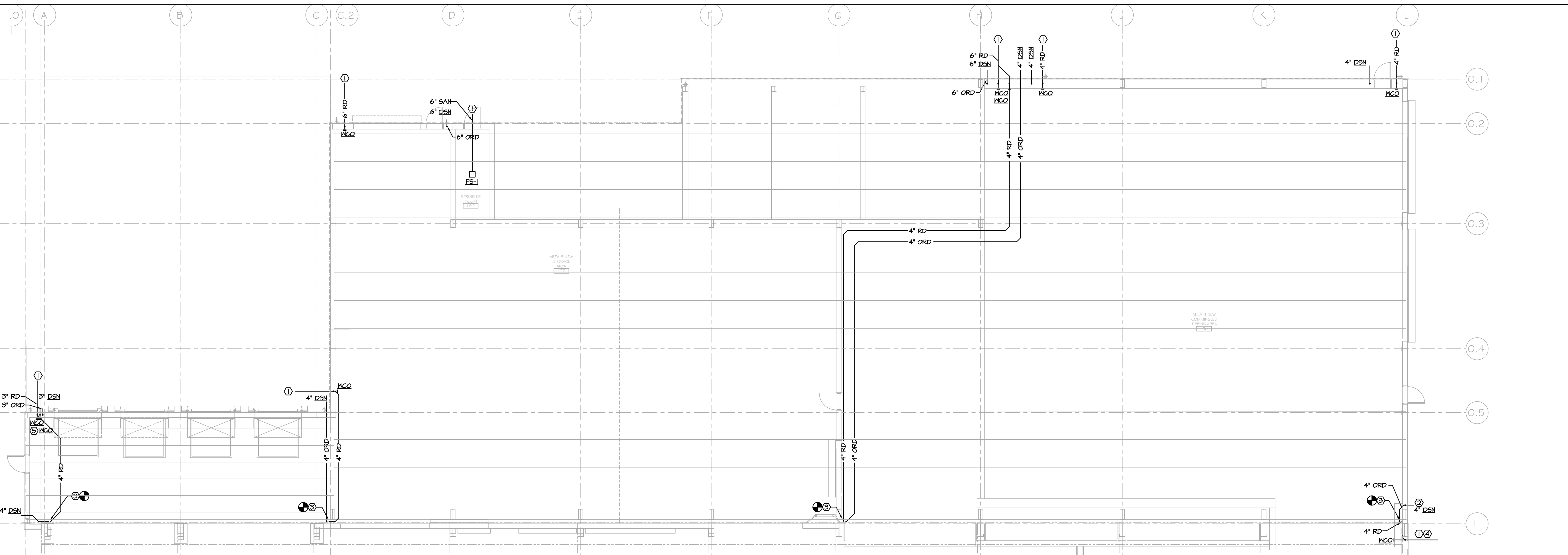
NOT FOR CONSTRUCTION

PROJECT	
NORTH	
STERLING Sterling Environmental Engineering, P.C.	
martinrogers ENGINEERING CONSULTANTS 185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701 1-717-852-2000   1-717-852-0888   www.mro.com	
ANDERSON DESIGN GROUP	ARCHITECTURE PLANNING INTERIORS



RRT Engineering, LLC An Affiliate of Enviro-Services & Constructors, Inc. NY COA # 0017967	
ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS 420 TORNE VALLEY ROAD, HILLBURN, NY 10931	
PARTIAL FIRST FLOOR PLAN AREA 1 AND 2	
ISSUED FOR RFP	7/30/21
REVISIONS	DATE
DESCRIPTION	BY
PROJ. No: 499-010	SCALE: SEE PLANS
DRAWN: RGL	7/30/21
CHECKED: RGL	7/30/21
DESIGNED: RVS	7/30/21
APPROVED: -	-
APPROVED: -	-
DWG. No: P-103	A
CAD FILE: N:\2021\1033\MEP\21033 P-103.DWG	REV
SHEET SIZE: D-24x36	

N.Y. P.E. LICENSE No. 083339  
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 RRT Engineering, LLC  
 1 Huntington Quadrangle, 3581  
 Melville, N.Y. 11747  
 ph: 631-756-1069  
 fax: 631-756-1064



**1 PARTIAL FIRST FLOOR PLAN - SANITARY**  
 P-104-BP SCALE: 1/8"=1'-0"

- KEY NOTES:**
- SEE CIVIL FOR CONTINUATION.
  - MOUNT 4" DOWN SPOUT NOZZLE NO HIGHER THAN 10" ABOVE FINISHED GRADE, TYPICAL.
  - INTERCEPT EXISTING 4" ROOF DRAIN AND OVERFLOW DRAIN ABOVE CEILING AND EXTEND AS SHOWN.
  - CONNECT IN TO EXISTING 4" ROOF DRAIN.
  - MOUNT WALL GLEANOUT AT MINIMUM 10" ABOVE FINISHED FLOOR, TYPICAL.

**PROJECT**

**NORTH**

KEY PLAN

**STERLING**  
 Sterling Environmental Engineering, P.C.

**martinrogers**  
 ENGINEERING CONSULTANTS  
 185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
 1-717-852-0900 | 1-717-852-0888 | www.mrope.com

**ANDERSON DESIGN GROUP** ARCHITECTURE  
 PLANNING  
 INTERIORS



<b>RRT Engineering, LLC</b> An Affiliate of Enviro-Services & Constructors, Inc. NY COA # 0017967	
<b>Rockland Green</b> ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS 420 TORNE VALLEY ROAD, HILLBURN, NY 10931	
PARTIAL FIRST FLOOR PLAN SANITARY - AREA 4-6	
ISSUED FOR RFP	7/30/21
REV	DESCRIPTION
A	ISSUED FOR RFP
REV	DESCRIPTION
BY	DATE
DRAWN	RVS 7/30/21
CHECKED	RGL 7/30/21
DESIGNED	RVS 7/30/21
APPROVED	-
APPROVED	-

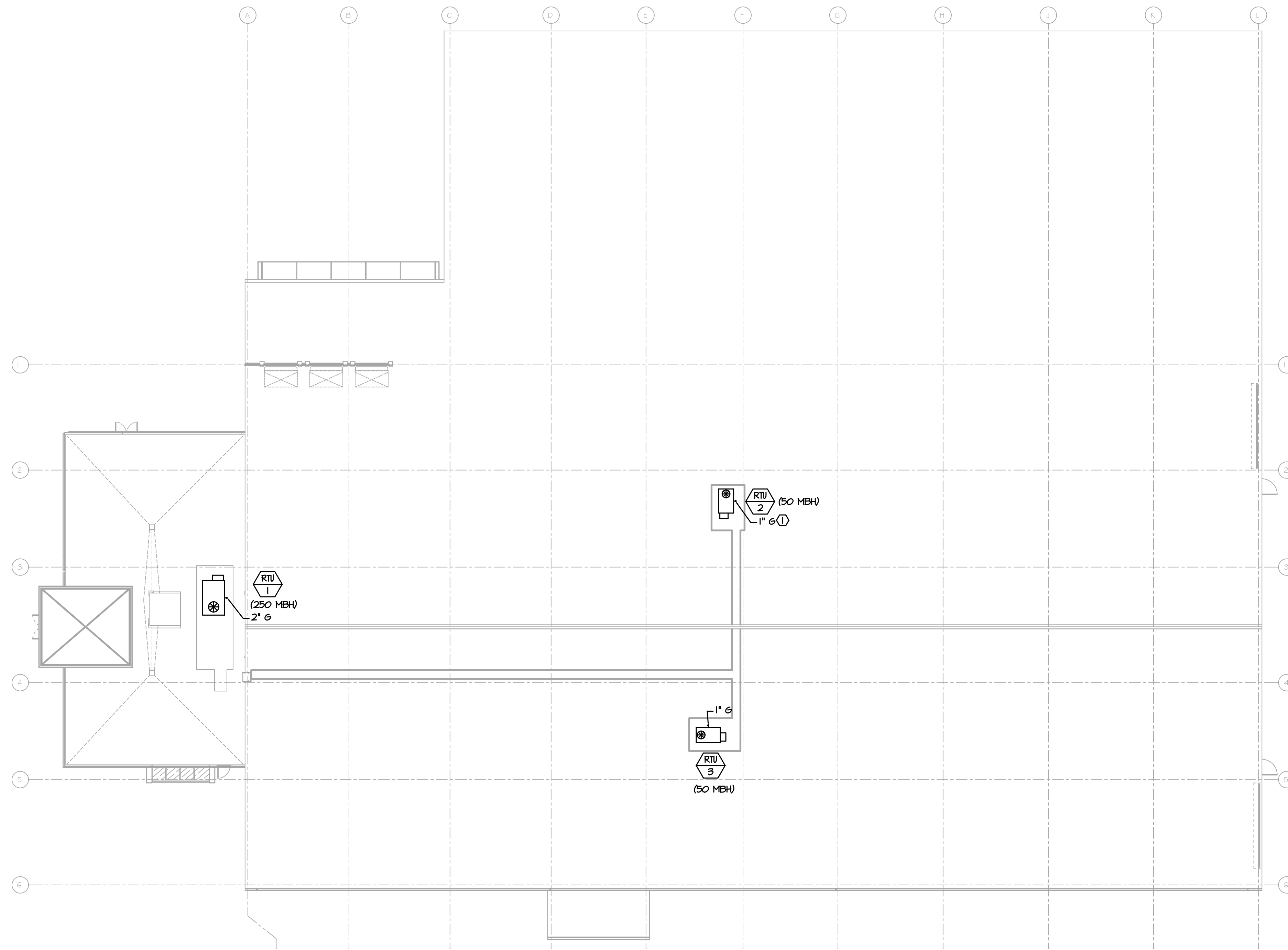
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**RRT Engineering, LLC**  
 1 Huntington Quadrangle, 3581  
 Melville, N.Y. 11747  
 ph: 631-756-1060  
 fax: 631-756-1064

PROJ. No: 499-010 SCALE: SEE PLANS  
 DWG. No: P-104  
 CAD FILE: N:\2021\1033\MEP\21033 P-104.DWG  
 SHEET SIZE: D-24x36

NOT FOR CONSTRUCTION

KEY NOTES:  
 1. MAKE LIQUID TIGHT NATURAL GAS PENETRATIONS THROUGH EXISTING ROOFS, TYPICAL.



**1 ROOF PLAN - PLUMBING**  
 SCALE: 1/16"=1'-0"

 NORTH	 KEY PLAN
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**STERLING**  
 Sterling Environmental Engineering, P.C.

**martinrogers**  
 ENGINEERING CONSULTANTS

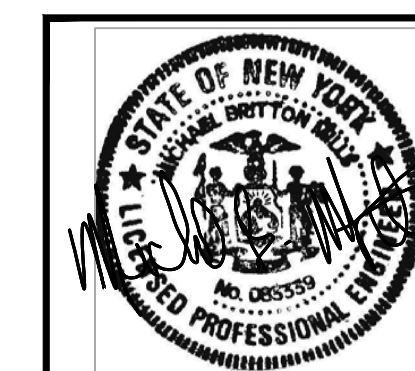
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
 1-717-852-2000 | 1-717-852-0888 | www.mrope.com

**ANDERSON DESIGN GROUP**  
 ARCHITECTURE  
 PLANNING  
 INTERIORS

**RRT Engineering, LLC**  
 An Affiliate of Enviro-Services & Constructors, Inc.  
 NY COA # 0017967

**Rockland Green**  
 ROCKLAND GREEN  
 MATERIALS RECOVERY FACILITY,  
 FACILITY IMPROVEMENTS  
 420 TORNE VALLEY ROAD, HILLBURN, NY 10931

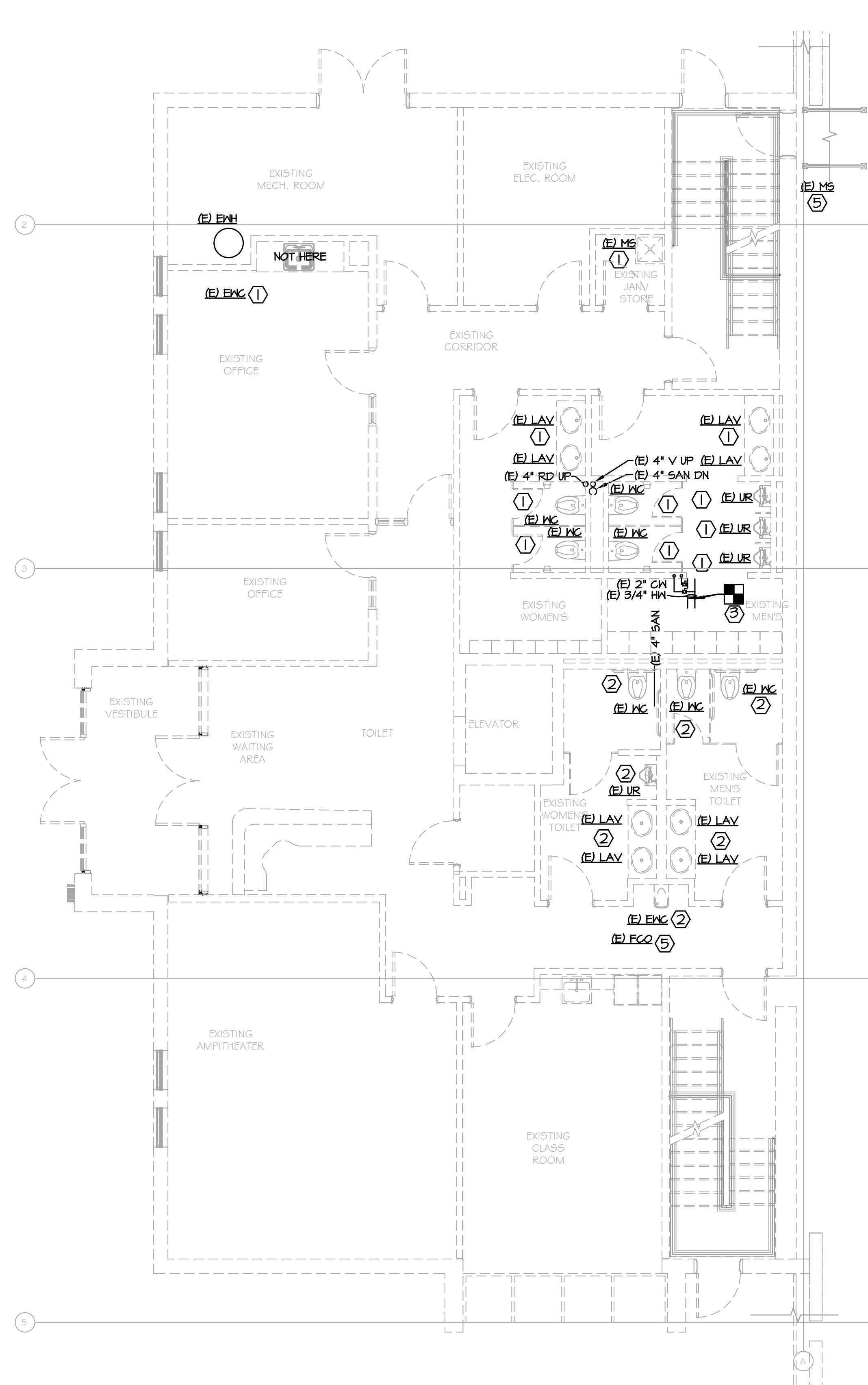
ROOF PLAN - PLUMBING



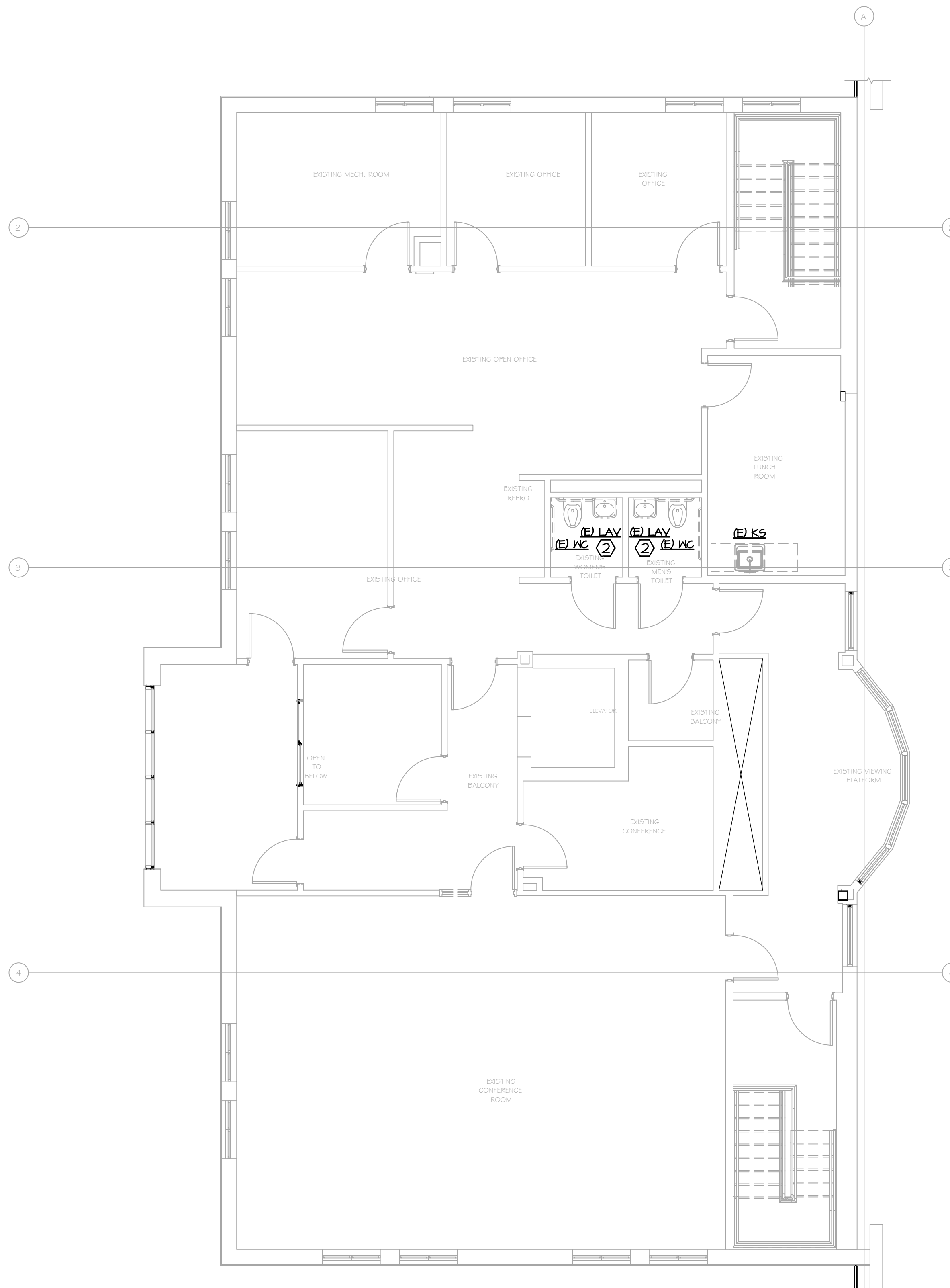
REV	DESCRIPTION	DATE	BY	DATE	PROJ. No: 499-010	SCALE: SEE PLANS
A	ISSUED FOR RFP	7/30/21	RVS/RGL	7/30/21		
PROPRIETARY DATA THIS DOCUMENT IS THE PROPERTY OF RRT ENGINEERING, LLC. AND CONTAINS CONFIDENTIAL INFORMATION. ANY REPRODUCTION OR UNAUTHORIZED USE WITHOUT WRITTEN CONSENT OF RRT ENGINEERING, LLC, WILL BE SUBJECT TO PROSECUTION. UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW						
<b>RRT Engineering, LLC</b> 1 Huntington Quadrangle, 3581 Melville, N.Y. 11747 ph: 631-756-1060 fax: 631-756-1064		DRAWN: RVS CHECKED: RGL DESIGNED: RVS APPROVED: -		DWG. NO: P-105 CAD FILE: N:\2021\12\1033\MEP\21033 P-105.DWG SHEET SIZE: D-24x36		A

NOT FOR CONSTRUCTION





**1 PARTIAL FIRST FLOOR PLAN - DEMOLITION**  
 PD-101-BF SCALE: 3/16"=1'-0"



**2 PARTIAL SECOND FLOOR PLAN - DEMOLITION**  
 PD-101-BF SCALE: 3/16"=1'-0"

- KEY NOTES:**
1. REMOVE FIXTURES AND PREP FOR NEW FIXTURE, REPAIR/REPLACE ANY BROKEN OR WORN CONNECTIONS AS NEEDED.
  2. REMOVE FIXTURE AND CONNECTIONS BACK TO MAINS, REPAIR SURFACES SEE ARCH FOR MATERIALS/FINISHES IN AREA.
  3. REMOVE HOT AND COLD PIPING BACK TO THIS POINT.
  4. REMOVE EXISTING MOP SINK. REMOVE H&CM BACK TO MAINS, REMOVE SANITARY AND VENT BACK TO MAINS.
  5. RELOCATE EXISTING FLOOR DRAIN INTO WALL, SEE NEW PLUMBING FOR CLARIFICATION.

**PROJECT**

**STERLING**  
Sterling Environmental Engineering, P.C.

**martinrogers**  
ENGINEERING CONSULTANTS  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
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**ANDERSON DESIGN GROUP** ARCHITECTURE PLANNING INTERIORS



<b>RRT Engineering, LLC</b> An Affiliate of Enviro-Services & Constructors, Inc. NY COA # 0017967	
<b>ROCKLAND GREEN</b> MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS 420 TORNE VALLEY ROAD, HILLBURN, NY 10931	
<b>PARTIAL FIRST FLOOR PLANS</b> <b>AREA 3</b>	
A ISSUED FOR RFP RVS/RGL DATE 7/30/21 BY CHK	PROJECT No: 499-010 SCALE: NTS
<b>PROPRIETARY DATA</b> THIS DOCUMENT IS THE PROPERTY OF RRT ENGINEERING, LLC AND CONTAINS CONFIDENTIAL INFORMATION. ANY REPRODUCTION OR UNAUTHORIZED USE WITHOUT WRITTEN CONSENT OF RRT ENGINEERING, LLC, WILL BE SUBJECT TO PROSECUTION. <b>RRT Engineering, LLC</b> 1 Huntington Quadrangle, 3581 Melville, N.Y. 11747 ph: 631-756-1069 fax: 631-756-1064	DRAWN RVS 7/30/21 CHECKED RGL 7/30/21 DESIGNED RVS 7/30/21 APPROVED - APPROVED -
DWG. NO: PD-101 CAD FILE: N:2021121033MEP21033 PD-101.DWG SHEET SIZE: D-24x36	REV A

NOT FOR CONSTRUCTION

# ROCKLAND GREEN MRF FACILITY IMPROVEMENTS

## CONTRACT 5 - ELECTRICAL

### 420 TORNE VALLEY ROAD HILLBURN NY 10931

CONSTRUCTION NOTES NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING



**RRT Engineering, LLC**  
1 Huntington Quadrangle, 3501 Melville, N.Y. 11747  
ph: 631-756-1060 fax: 631-756-1064



25 WALLKILL AVE • MONTGOMERY • NY 12549  
O. 845.294.2724 | CONTACT@ADGARCHITECT.COM  
WWW.ADGARCHITECT.COM



MECHANICAL, ELECTRICAL AND PLUMBING ENGINEER:



CIVIL ENGINEER:

OWNER:

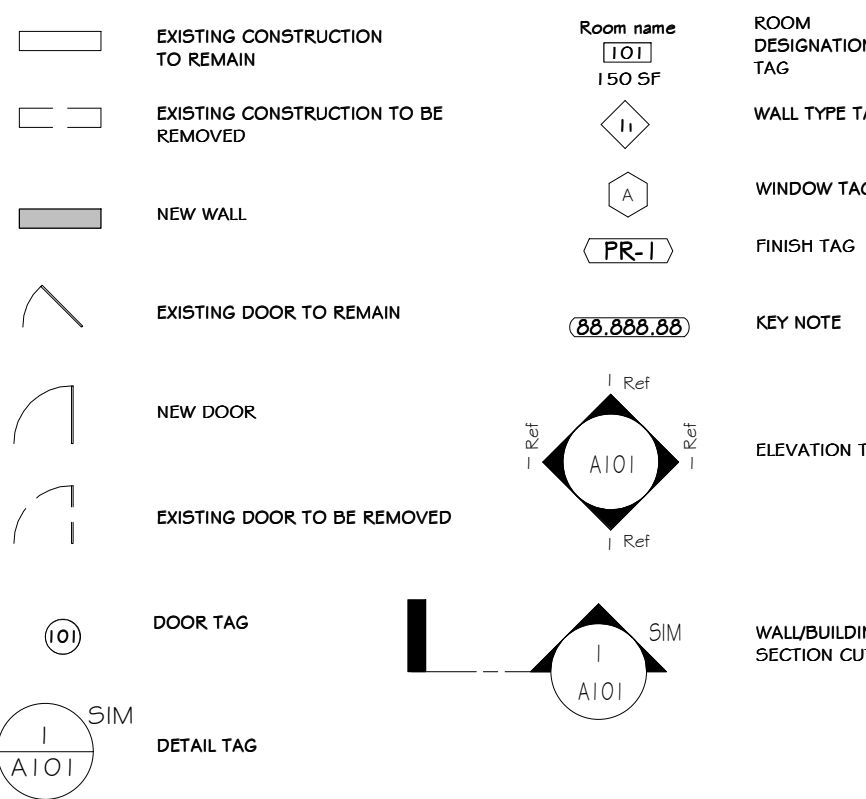
OWNER ENGINEER:

ARCHITECT:

**ROCKLAND GREEN FACILITY IMPROVEMENTS PHASING NOTE**

- Rockland Green is soliciting proposals for the construction of improvements to its existing Materials Recovery Facility (MRF), as further detailed in the Drawings and Specifications. These Facility Improvements include, but are not limited to, a building addition, site work, interior demolition work, interior build-out work, electric service upgrades and reworked mechanical, plumbing, electrical, fire sprinkler and fire alarm systems to accommodate a new state-of-the-art dual stream recyclables processing system supplied and installed under Contract No. 1 - Processing Equipment.
- The Facility Improvements are being procured through separate contracts as follows:
  - Contract No. 2 - Facility Improvements: General Construction
  - Contract No. 3 - Facility Improvements: Mechanical/HVAC
  - Contract No. 4 - Facility Improvements: Plumbing
  - Contract No. 5 - Facility Improvements: Electrical
  - Contract No. 6 - Facility Improvements: Fire Protection System
- The building has been divided into the following area designations:
  - Area 1 - Existing Tipping Area.
  - Area 2 - Existing Processing Area.
  - Area 3 - Existing Administration Area.
  - Area 4 - New Commingled Tipping Area.
  - Area 5 - New Storage & Glass Processing Area.
  - Area 6 - New Truck Loading Dock Area.
- Work shall commence on the exterior and in the Areas 1 and 2 for its Substantial Completion to be achieved prior to the start of delivery and installation of the Dual Stream Recyclables Processing System. It shall include all Work as defined in the Contract Drawings, Specifications, and RFP Appendices. It shall also include all rough-in associated with Mechanical, Electrical, Plumbing, and Fire Protection Equipment. All final connections of Mechanical, Electrical, Plumbing and Fire Protection (including equipment fire sprinkler system) in Areas 1 and 2 shall be completed prior to the start-up of processing equipment.
- Work in Area 3 shall be sequenced to allow efficient access and use of existing space for Contractors on-site as approved by the Engineer and shall be completed prior to the start-up of processing equipment. Substantial Completion prior to the required date for the Operator to mobilize on-site and have partial occupancy and use of Area 3. Additionally, any Work by Contract Nos. 1 and 3-6 related to all other Areas 1, 2, 4-6 and the site work/interior shall progress and be completed to support and not delay the overall Project Schedule.
- Contract Nos. 2-6 Work in Areas 4 - 6 shall be sequenced by each applicable Contractor to make most use and access of working space where the building erection is complete, so the work of Contract No. 1 can proceed efficiently. All work to be coordinated between the Contractors.

**LEGEND:**

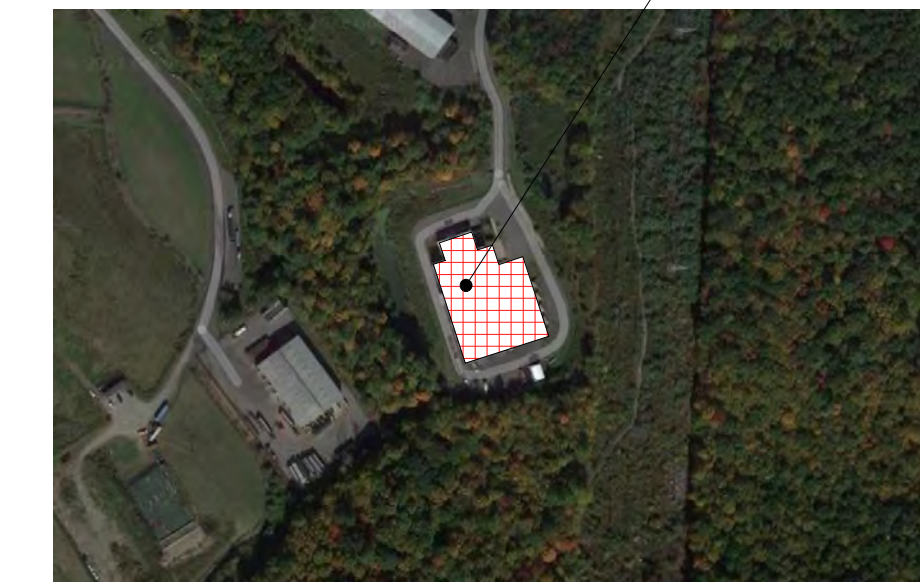


**ABBREVIATIONS:**

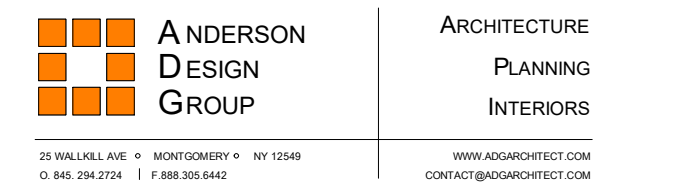
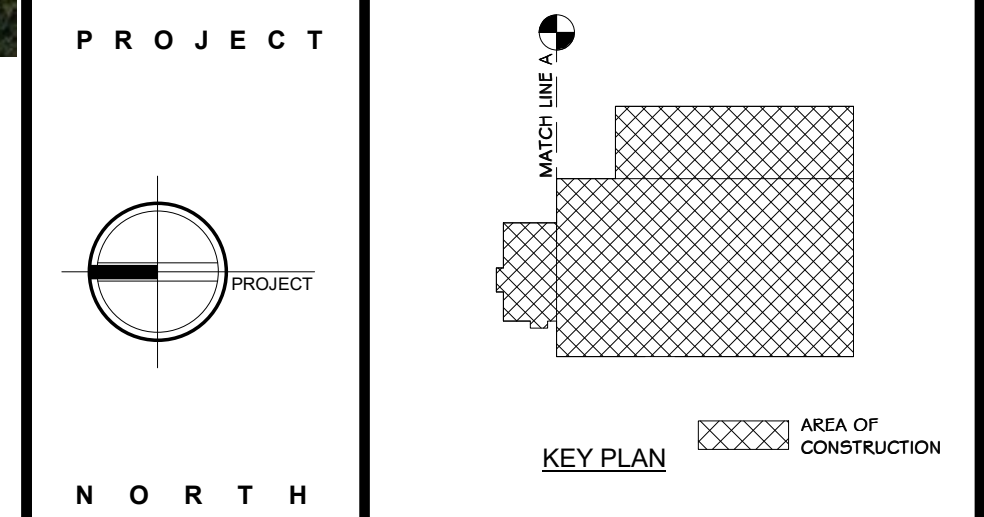
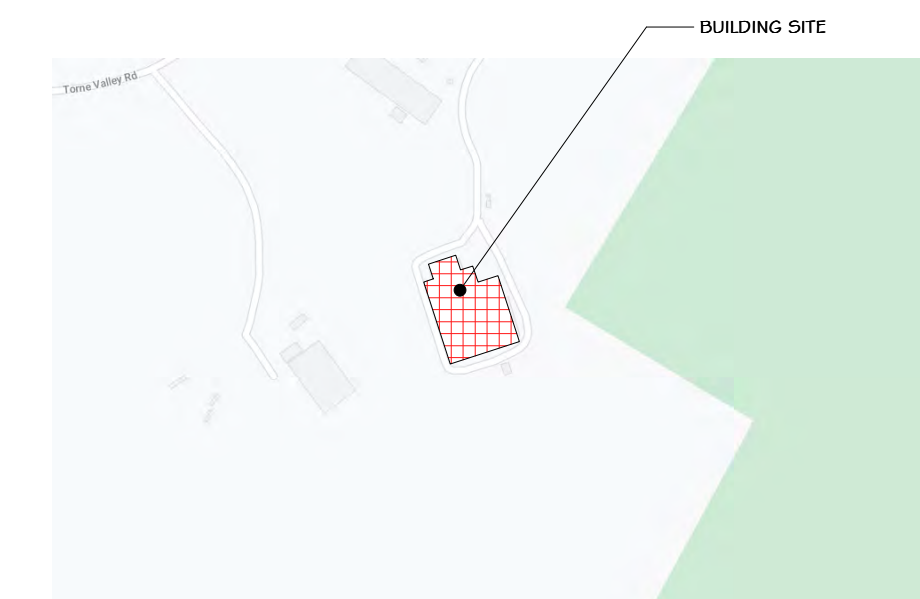
AB.	ANCHOR BOLT	MAT.	MATERIAL
A.C.T.	ACOUSTICAL CEILING TILE	MECH.	MECHANICAL
A.F.F.	ABOVE FINISH FLOOR	MIN.	MINIMUM
APPX.	APPROXIMATE	MISC.	MISCELLANEOUS
ARCH.	ARCHITECT	MISC.	MISCELLANEOUS
BSMT.	BASEMENT	MTL.	METAL
BM	BEAM	NOM.	NOMINAL
BO	BOARD	N.T.S.	NOT TO SCALE
BOF.	BOTTOM	O.C.	ON CENTER
BULD.	BUILDING	O.H.	OVERHEAD
CAB.	CABINET	P.D.	PAINTED
CLG.	CEILING	P. LAM.	PLASTIC LAMINATE
C.T.	CERAMIC TILE	FL.	PLATE
CR.	CIRCLE	FL.	FLANGE
COL	COLUMN	F.S.F.	FOUNDS PER SQ. FOOT
C.J.	CONTROL JOINT	F.S.I.	FOUNDS PER SQ. INCH.
CORR.	CORRIDOR	PREFAB	PREFABRICATED
D.L.	DEAD LOAD	P.P.T.	PRESSURE TREATED (WOOD)
DTL.	DETAIL	RAD.	RADIUS
DIAM.	DIAMETER	RLG.	RAILING
D.M.	DIMENSION	REF.	REFRIGERATOR
D.W.	DISHWASHER	REINF.	REINFORCE(ED), (ING)
D.S.	DOUBLE HUNG	REV.	REVISION, (E), (ED)
DWG.	DRAWING	R.	RISER
ELEC.	ELECTRICAL	RFG.	ROOFING
ELEV.	ELEVATION	RIM.	ROOM
EQ.	EQUAL	SEC.	SECTION
EXIST.	EXISTING	SHING.	SHEDDING
EXT.	EXTERIOR	SHT.	SHEET
E.I.F.S.	EXTERIOR INSULATED FINISH SYSTEM	SIM	SIMILAR
FIN.	FINISH	S.C.	SOLID CORE
F.F.	FIREPLACE	SPEC.	SPECIFICATION
FLR.	FLOOR	SO.	SQUARE
F.D.	FLOOR DRAIN	STD.	STANDARD
FTG.	FOOTING	STR.	STRUCTURAL
FND.	FOUNDATION	THK.	THICKNESS
FUR.	FURRED	THR.	THRESHOLD
G.C.	GENERAL CONTRACTOR	T&G	TONGUE AND GROOVE
GL.	GLASS, GLAZING	T.O.C.	TOP OF CONCRETE
G.Y.B.	GYP(SUM BOARD)	T.O.B.	TOP OF BEAM
HDW.	HARDWARE	T.O.F.	TOP OF FOUNDATION
HDR.	HEADER	T.O.P.	TOP OF PLATE
HTRG.	HEATING	TR.	TREAD
HVAC	HEATING/VENTILATION/AIR CONDITIONING	TYP.	TYPICAL
HGT.	HIGHT	UNF.	UNFINISHED
HORZ.	HORIZONTAL	U.D.N.	UNLESS OTHERWISE NOTED
HS.	HOSE BIBB	V.B.	VAPOR BARRIER
INS.	INSULATED, (ION)	VERT.	VERTICAL
JT.	JOINT	W.C.	WATER CLOSET
JST.	JOIST	W.P.	WATER PROOFING
KIT	KITCHEN	WR.	WATER RESISTANT
LA.V.	LAVATORY	WWF.	WELDED WIRE FABRIC
LI.	LIGHT	WN.	WINDOW
L.L.	LIVE LOAD	W/O.	WITHOUT
MFR.	MANUFACTURER(S)	WD.	WOOD
MAS.	MASONRY		

SHT.	SHEET TITLE	DRAWING DATE	100% CONSTR. DOCUMENT	REVISION HISTORY			CURRENT REVISION		
				DATE	DESCRIPTION	ISSUED (Y/N)	DATE	DESCRIPTION	ISSUED (Y/N)
E-000	TITLE SHEET ELECTRICAL	07/30/21	100%						No
E-001	LEGEND, NOTES AND DRAWING SCHEDULE	07/30/21	100%						No
E-101	PARTIAL FLOOR PLANS - LIGHTING DEMOLITION	07/30/21	100%						No
E-102	PARTIAL FLOOR PLANS - POWER AND SYSTEMS DEMOLITION	07/30/21	100%						No
E-103	PARTIAL FIRST FLOOR PLAN - LIGHTING DEMOLITION	07/30/21	100%						No
E-104	PARTIAL FIRST FLOOR PLAN - POWER AND SYSTEMS DEMOLITION	07/30/21	100%						No
E-201	PARTIAL FLOOR PLANS - LIGHTING	07/30/21	100%						No
E-202	PARTIAL FIRST FLOOR PLAN - LIGHTING	07/30/21	100%						No
E-301	PARTIAL FLOOR PLANS - POWER	07/30/21	100%						No
E-302	PARTIAL FIRST FLOOR PLAN - POWER	07/30/21	100%						No
E-303	PARTIAL FIRST FLOOR PLAN - CONDUIT ROUTING	07/30/21	100%						No
E-304	ROOF PLAN - POWER	07/30/21	100%						No
E-401	PARTIAL FLOOR PLANS - SYSTEMS	07/30/21	100%						No
E-402	PARTIAL FIRST FLOOR PLAN - SYSTEMS	07/30/21	100%						No
E-501	SCHEDULES, DETAILS AND ROERS	07/30/21	100%						No
E-502	SCHEDULES	07/30/21	100%						No
E-503	SCHEDULES	07/30/21	100%						No
E-504	ONE LINE DIAGRAM	07/30/21	100%						No

**BUILDING LOCATION AERIAL**

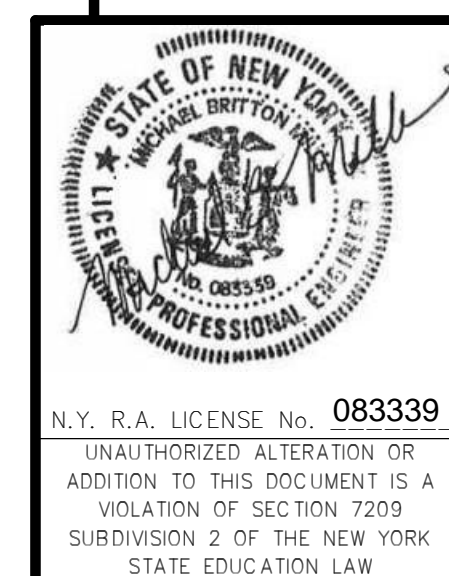


**BUILDING LOCATION**



**ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS**  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**TITLE SHEET ELECTRICAL**



REV	DESCRIPTION	DATE	BY	CHKD
A	ISSUED FOR RFP	07-30-21	IDEA	

DRAWN	IDEA	07/09/21	PROJ. No: 499-010	SCALE: AS SHOWN
CHECKED			DWG. NO: E-000	A
DESIGNED			CAD FILE:	
APPROVED			SHEET SIZE: D-24x36	REV

ELECTRICAL LEGEND	
LIGHTING AND CONTROLS	
'X'	INDICATES FIXTURES TYPE
	STRIP LIGHT
	WALL MOUNTED FIXTURE
	PENDANT MOUNTED FIXTURE
	SURFACE MOUNTED FIXTURE
	RECESSED FIXTURE
	FIXTURE ON NORMAL / EMERGENCY CIRCUIT
	RECESSED WALL WASHER
	FIXTURE ON EMERGENCY ONLY CIRCUIT
	SURFACE FLUORESCENT FIXTURE
	RECESSED FLUORESCENT FIXTURE
	FLUORESCENT FIXTURE ON NORMAL/EMERGENCY CIRCUIT
	TRACK LIGHTING
	EMERGENCY UNIT REMOTE HEAD
	EMERGENCY BATTERY UNIT, # OF HEADS AS INDICATED
	EXIT SIGN
	EXTERIOR POST MOUNT FIXTURE
	EXTERIOR LIGHTING BOLLARD
	EXTERIOR GROUND MOUNTED FIXTURE
	PHOTOCELL
	MANUAL MOTOR START, WITH OVERLOADS
	SINGLE POLE SWITCH
	THREE WAY SWITCH
	FOUR WAY SWITCH
	LIGHTING CONTROL PANEL
	WALL BOX OCCUPANCY SENSOR WITH DIMMER
	WALL BOX OCCUPANCY SENSOR
	SWITCH - ON/RAISE/LOWER/OFF
	DAYLIGHT SENSOR
	OCCUPANCY SENSOR (LOW VOLTAGE)
	OCCUPANCY SENSOR (NETWORK)
	ROOM CONTROLLER
	ONE BUTTON SWITCH
FIRE ALARM/RESCUE ASSISTANCE	
	FIRE ALARM CONTROL PANEL
	FIRE ALARM ANNUNCIATOR PANEL
	FIRE ALARM HORN/STROBE
	FIRE ALARM STROBE
	FIRE ALARM STROBE (CEILING)
	FIRE ALARM SPEAKER/STROBE
	FIRE ALARM SPEAKER, STROBE, CHIME
	FIRE ALARM HORN
	FIRE ALARM SPEAKER ONLY
	FIRE ALARM PULL STATION
	SPRINKLER ALARM BELL
	SMOKE DETECTOR
	DUCT DETECTOR
	HEAT DETECTOR RIR INDICATES RATE OF RISE
	FLAME DETECTOR
	SMOKE DETECTOR WITH ELEVATOR RECALL ON AUXILIARY CONTACTS
	SMOKE DAMPER
	REMOTE ALARM LAMP
	DOOR HOLDER
	INDIVIDUAL ADDRESSABLE MODULE
	ZONE ADAPTER MODULE
	END OF LINE RESISTOR
	TAMPER SWITCH
	FLOW SWITCH
	PRESSURE SWITCH
	RESCUE ASSIST CONTROL PANEL
	RESCUE ASSIST STATION
	RESCUE ASSIST SIGN

POWER	
	BLANK OUTLET
	GROMMETED OUTLET
	JUNCTION BOX
	EXHAUST FAN
	MOTOR
	NON FUSED DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH
	MOTOR STARTER
	COMBINATION MOTOR STARTER/DISCONNECT SWITCH
	CONTACTOR
	AUTOMATIC TRANSFER SWITCH
	PANELBOARD
	NORMAL/EMERGENCY PANEL BOARD
	AUTOMATIC TEMP. CONTROL PANEL WITH TELEPHONE/DATA BY ELECTRICAL CONTRACTOR
	ELECTRIC SERVICE METER
	AREA PROTECTION PANEL
	TRANSFORMER
	THREE POSITION SWITCH
	SINGLE RECEPTACLE
	DUPLEX RECEPTACLE 1/2 INDICATES HORIZONTAL MOUNTING
	DUPLEX RECEPTACLE TOP HALF SWITCHED
	DUPLEX RECEPTACLE WITH GROUND FAULT
	DUPLEX RECEPTACLE ON NORMAL/EMERGENCY CIRCUIT
	DUPLEX RECEPTACLE WITH TRANSIENT VOLTAGE SURGE SUPPRESSION
	DUPLEX RECEPTACLE AT 6'-0" AFF. FOR TELEVISION
	TAMPER RESISTANT DUPLEX RECEPTACLE
	QUAD RECEPTACLE (DOUBLE DUPLEX)
	SPECIAL POWER OUTLET
	TWIST LOCK RECEPTACLE
	DUPLEX RECEPTACLE WITH ISOLATED GROUND
	DUPLEX RECEPTACLE ON EMERGENCY WITH GROUND FAULT
	SURFACE RACEWAY 50' SINGLE CHANNEL, 100' DOUBLE CHANNEL, 150' THREE CHANNEL
	POWER POLE
	CIRCUIT BREAKER
	CABLE TRAY
	ELECTRIC BASEBOARD
	MUSHROOM HEAD EMERGENCY OFF SWITCH
	PUSH BUTTON
	SOLENOID VALVE
	PULL BOX, SIZE AS REQUIRED BY NEC
	ENCLOSED CIRCUIT BREAKER
	FLOOR BOX, NUMBER INDICATES TYPE
SECURITY	
	CLOSED CIRCUIT TV CAMERA
	KEYPAD
	DOOR CONTACT
	SECURITY SYSTEM CONTROL PANEL
	CLOSED CIRCUIT TV MONITOR
	CARD ACCESS SYSTEM CONTROL PANEL
	PASSIVE INFRARED MOTION SENSOR
	EMERGENCY CALL BUTTON
	DOOR RELEASE
	CARD READER
	ELECTRIC STRIKE
	DOOR BELL
	GLASS BREAK SENSOR

NOTE: THIS IS A GENERAL ELECTRICAL LEGEND. ALL SYMBOLS MAY NOT APPEAR ON THE PLANS. SEE PLANS FOR ACTUAL SYMBOLS USED.

MISCELLANEOUS	
	UNIT VENTILATOR
	ELECTRIC RESISTANCE HEAT
	UNIT HEATER
	VAV BOX
	VARIABLE FREQUENCY DRIVE
	MOTORIZED LOUVER
	THERMOSTAT
	MAN HOLE
	HAND HOLE
	PAD MOUNTED TRANSFORMER
	WATER HEATER
	UTILITY POLE
	EQUIPMENT TAG
COMMUNICATIONS	
	DATA OUTLET AT 10' AFF
	DATA/TEL. OUTLET IN FLUSH FLOOR BOX
	WALL VOICE OUTLET
	VOICE OUTLET AT 10' AFF
	VOICE/DATA OUTLET AT 10' AFF
	CEILING SPEAKER
	VOLUME CONTROL
	MICROPHONE OUTLET 1/2 INDICATES HANGING
	CLOCK/SPEAKER
	CLOCK 1/2 INDICATES WIRE GUARD
	INTERCOM STATION
	INTERCOM STATION WALL MOUNT SPEAKER, 1/2 INDICATES WEATHER PROOF
	AUDIO SYSTEM CONTROL JACK
	TELEVISION OUTLET AT 10' A.F.F.
	TELEVISION OUTLET HIGH / LOW LOCATIONS
	TELEVISION OUTLET HIGH LOCATION
	DIMMING SYSTEM CONTROL JACK
	3/4" PAINTED PLYWOOD BACKBOARD
WIRING	
	DUAL LEVEL SWITCHING
	HOME RUN
	EMERGENCY WIRING
	NORMAL/EMERGENCY WIRING
	CRITICAL/NORMAL/EMERGENCY WIRING
	CONDUIT RUN CONCEALED IN WALL OR CEILING, U.O.N.
	UNDERGROUND UTILITIES
	EXTERIOR BELOW GRADE CONDUIT
	CONDUIT TURNING UP
	CONDUIT TURNING DOWN
	CONDUIT STUB TERMINATE WITH BUSHING OR CAP
	GROUND

Electrical Drawing Schedule		
NO.	DESCRIPTION	STATUS
E-001	LEGEND, NOTES AND DRAWING SCHEDULE	●
E-101	PARTIAL FLOOR PLANS - LIGHTING DEMOLITION	●
E-102	PARTIAL FLOOR PLANS - POWER AND SYSTEMS DEMOLITION	●
E-103	PARTIAL FIRST FLOOR PLAN - LIGHTING DEMOLITION	●
E-104	PARTIAL FIRST FLOOR PLAN - POWER AND SYSTEMS DEMOLITION	●
E-201	PARTIAL FLOOR PLANS - LIGHTING	●
E-202	PARTIAL FIRST FLOOR PLAN - LIGHTING	●
E-301	PARTIAL FLOOR PLANS - POWER	●
E-302	PARTIAL FIRST FLOOR PLAN - POWER	●
E-303	PARTIAL FIRST FLOOR PLAN - CONDUIT ROUTING	●
E-304	ROOF PLAN - POWER	●
E-401	PARTIAL FLOOR PLANS - SYSTEMS	●
E-402	PARTIAL FIRST FLOOR PLAN - SYSTEMS	●
E-501	SCHEDULES AND DETAILS	●
E-502	SCHEDULES	●
E-503	SCHEDULES	●
E-504	ONE LINE DIAGRAM	●

ABBREVIATIONS	
ACC	AIR COOLED CHILLER
AFB	ABOVE FINISHED FLOOR
AF6	ABOVE FINISHED GRADE
AH	AIR HANDLER
B	BOILER
C	CONDUIT
GH	GABINET HEATER
CIR	CIRCUIT
CU	CONDENSING UNIT
EC	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
ER	RELOCATE EXISTING DEVICE
ETR	EXISTING DEVICE TO REMAIN
EMH	ELECTRIC WALL HEATER
FC	FAN COIL
6, GRD	GROUND
GC	GENERAL CONTRACTOR
GFI	GROUND FAULT CIRCUIT INTERRUPTER
HP	HORSE POWER
MC	MECHANICAL CONTRACTOR
MTD	MOUNTED
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
OH	OVER HEAD
P	ELECTRIC PUMP
R	REMOVE EXISTING DEVICE
RP	REMOVE & REPLACE EXISTING DEVICE
RTU	ROOF TOP UNIT
UG	UNDERGROUND
UH	UNIT HEATER
U.O.N.	UNLESS OTHERWISE NOTED
UV	UNIT VENTILATOR
VAV	VARIABLE AIR VOLUME
VIF	VERIFY IN FIELD
WH	WALL HEATER
WP	WEATHERPROOF
*	DEVICE MOUNTED ABOVE COUNTER

GENERAL NOTES:

- THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH THE LATEST RULES AND REGULATIONS OF THE NATIONAL ELECTRICAL CODE, ALL NFPA CODES, THE RULES SET FORTH BY THE OWNER AND ALL OTHER NATIONAL, STATE OR MUNICIPAL CODES APPLICABLE TO THE PROJECT.
- ALL WORK FURNISHED UNDER THE CONTRACT SHALL BE GUARANTEED AGAINST ANY AND ALL DEFECTS IN WORKMANSHIP AND/OR MATERIALS FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE OF THE INSTALLATION. ANY DEFECTS OF WORKMANSHIP DEVELOPING DURING THIS PERIOD SHALL BE REMEDIED AND ANY DEFECTIVE MATERIAL REPLACED WITHOUT ADDITIONAL COST.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND APPROVALS NECESSARY FOR THE COMPLETION OF THIS PROJECT.
- THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE LOCATIONS OF ALL ELECTRICAL EQUIPMENT WITH THE EQUIPMENT OF OTHER TRADES AND BUILDING CONSTRUCTION.
- WHERE APPLICABLE (RENOVATION PROJECTS), REMOVE AND REINSTALL ALL EXISTING DEVICES WITHIN AREAS OF WORK AS NECESSARY TO ACCOMMODATE NEW FINISHES. PROVIDE BOX EXTENSIONS / RELOCATIONS AS REQUIRED. COORDINATE FINISHES WITH ARCHITECTURAL PLANS. VERIFY QUANTITY OF DEVICES IN FIELD.
- THE ELECTRICAL CONTRACTOR SHALL RUN SEPARATE NEUTRAL CONDUCTORS FOR EACH CIRCUIT. SHARED NEUTRALS ARE NOT ACCEPTABLE.
- ALL NEW DEVICES/CONDUIT/WIRING SHALL BE CONCEALED IN WALLS IN FINISHED AREAS.
- ALL PANELBOARD DIRECTORIES AFFECTED BY THE PROJECT SCOPE SHALL BE UPDATED UPON COMPLETION OF PROJECT.
- THE ELECTRICAL CONTRACTOR SHALL LABEL ALL RECEPTACLE PLATES WITH PANEL AND CIRCUIT NUMBERS ON THE BACK OF PLATE. IF OWNER REQUESTS LABEL TO BE ON FRONT OF PLATE, CLEAR LABEL WITH TYPED BLACK LETTERS SHALL BE USED.
- THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL CUTTING AND PATCHING WITH THE GENERAL CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY CUTTING AND PATCHING THAT IS A RESULT OF ELECTRICAL WORK. ALL FINISHES, MATERIALS, COLORS, ETC. SHALL BE APPROVED BY THE OWNER.
- THE ELECTRICAL CONTRACTOR SHALL EXAMINE THE CONTRACT DRAWINGS INVOLVING GENERAL CONSTRUCTION AND THE MECHANICAL TRADES FOR THE DETAILS AFFECTING THE PERFORMANCE OF THE ELECTRICAL CONTRACT.
- RACEWAYS, BOXES, LIGHTING FIXTURES, ETC. ABOVE/WITHIN SUSPENDED CEILINGS SHALL BE SUPPORTED DIRECTLY FROM STRUCTURE, INDEPENDENT OF THE CEILING SYSTEM, DUCTS, PIPING OR OTHER WORK. SEE LIGHTING FIXTURE SCHEDULE NOTES FOR ADDITIONAL INFORMATION ON SUPPORT REQUIREMENTS.
- ALL ELECTRICAL WORK SHALL BE INSTALLED PER THE CONTRACT DOCUMENTS AND WRITTEN MANUFACTURER'S INSTRUCTION.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR STORAGE AND PROTECTION OF ALL ELECTRICAL EQUIPMENT RELATED TO THE PROJECT.
- ELECTRICAL CONTRACTOR SHALL REFER TO ARCHITECTURAL CONSTRUCTION DOCUMENTS FOR EXTENT OF ARCHITECTURAL WORK AND SHALL COORDINATE ELECTRICAL DEMOLITION AND NEW WORK WITH CONSTRUCTION PHASING.
- THE ELECTRICAL CONTRACTOR SHALL INSTALL ALL EQUIPMENT IN A NEAT AND WORKMANLIKE MANNER PER THE NATIONAL ELECTRICAL CODE. THE ELECTRICAL CONTRACTOR SHALL BE REQUIRED TO ADHERE TO MOST CURRENT NEIS STANDARD NECA I "STANDARD FOR GOOD WORKMANSHIP IN ELECTRICAL CONTRACTING" PUBLISHED BY THE NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION (NECA).
- ELECTRICAL CONTRACTOR SHALL CLOSELY COORDINATE THE INSTALLATION OF NEW CONDUITS WITH ANY EXISTING PIPING, CONDUITS, PULLBOXES AND EQUIPMENT. INSTALL ALL NEW ELECTRICAL EQUIPMENT WITHOUT CONFLICTS OR OBSTRUCTION OF ACCESSIBILITY TO NEW OR EXISTING EQUIPMENT OR PIPING.
- INTERRUPTIONS OF AN ESTABLISHED POWER SUPPLY SHALL BE CONDUCTED ONLY WHEN AUTHORIZED IN WRITING BY THE OWNER. CONTRACTOR SHALL NOTIFY OWNER FIVE (5) DAYS IN ADVANCE FOR A SERVICE INTERRUPTION AND SHALL STATE THE ESTIMATED TIME INVOLVED DURING WHICH THE POWER SUPPLY WILL BE INTERRUPTED. POWER SUPPLY INTERRUPTIONS SHALL BE COORDINATED WITH OTHER TRADES SO THERE WILL BE A MINIMUM OF INCONVENIENCE TO THESE TRADES.
- THE ELECTRICAL CONTRACTOR SHALL CLOSELY COORDINATE ALL UNDERGROUND ELECTRICAL WORK WITH THE GENERAL CONTRACTOR, SITE CONTRACTOR AND OWNER.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR ALL CEILING MOUNTED DEVICES.
- PROVIDE TEMPORARY LIGHTING AND POWER DURING CONSTRUCTION AS REQUIRED FOR THE PROPER EXECUTION OF THE WORK. TEMPORARY LIGHTING AND POWER SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH APPLICABLE PROVISIONS OF THE NATIONAL ELECTRICAL CODE, OSHA REGULATIONS, AND THE REQUIREMENTS OF ANY OTHER AGENCY HAVING JURISDICTION.
- THE ELECTRICAL CONTRACTOR SHALL CHECK AND VERIFY ALL CONDITIONS AND DIMENSIONS AT THE SITE BEFORE PROCEEDING WITH THE WORK. HE SHALL REPORT ANY DISCREPANCIES TO THE ARCHITECT/ENGINEER FOR CORRECTION PRIOR TO BEGINNING ANY WORK. DISCOVERY OF ANY DISCREPANCIES AFTER THE WORK HAS COMMENCED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- DO NOT SCALE THESE DRAWINGS. FOR EXACT DIMENSIONS, VERIFY ALL FIGURES, CONDITIONS, DIMENSIONS, ETC. AT THE JOB SITE.
- NO CONDUITS, WIRING, DEVICES, EQUIPMENT, ETC. SHALL PASS THROUGH OR BE LOCATED WITHIN ELEVATOR SHAFTS, MACHINE ROOMS, I. T. CLOSETS, OR ELECTRICAL ROOMS UNLESS IT SPECIFICALLY SERVES THAT SPACE.
- PROVIDE EQUIPMENT SETUP, FINAL TESTING, ADJUSTMENTS, TRAINING, AND REPORTS ON NEW EQUIPMENT.
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL EQUIPMENT, CIRCUITRY AND DEVICES REQUIRED TO CONNECT MECHANICAL/PLUMBING/FIRE PROTECTION EQUIPMENT.
- TEMPORARILY REMOVE AND REINSTALL CEILING TILES AS REQUIRED. REPLACE DAMAGED TILES.

PROJECT

NORTH

KEY PLAN

STERLING  
Sterling Environmental Engineering, P.C.

**martinrogers**  
ENGINEERING CONSULTANTS

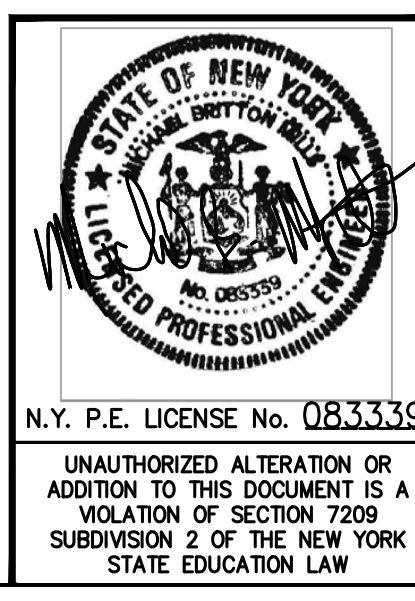
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420 TORNE VALLEY ROAD, HILLBURN, NY 10931

LEGEND, NOTES AND DRAWING SCHEDULE

REVISION	DESCRIPTION	DATE	BY	DATE	PROJ. No:	SCALE:
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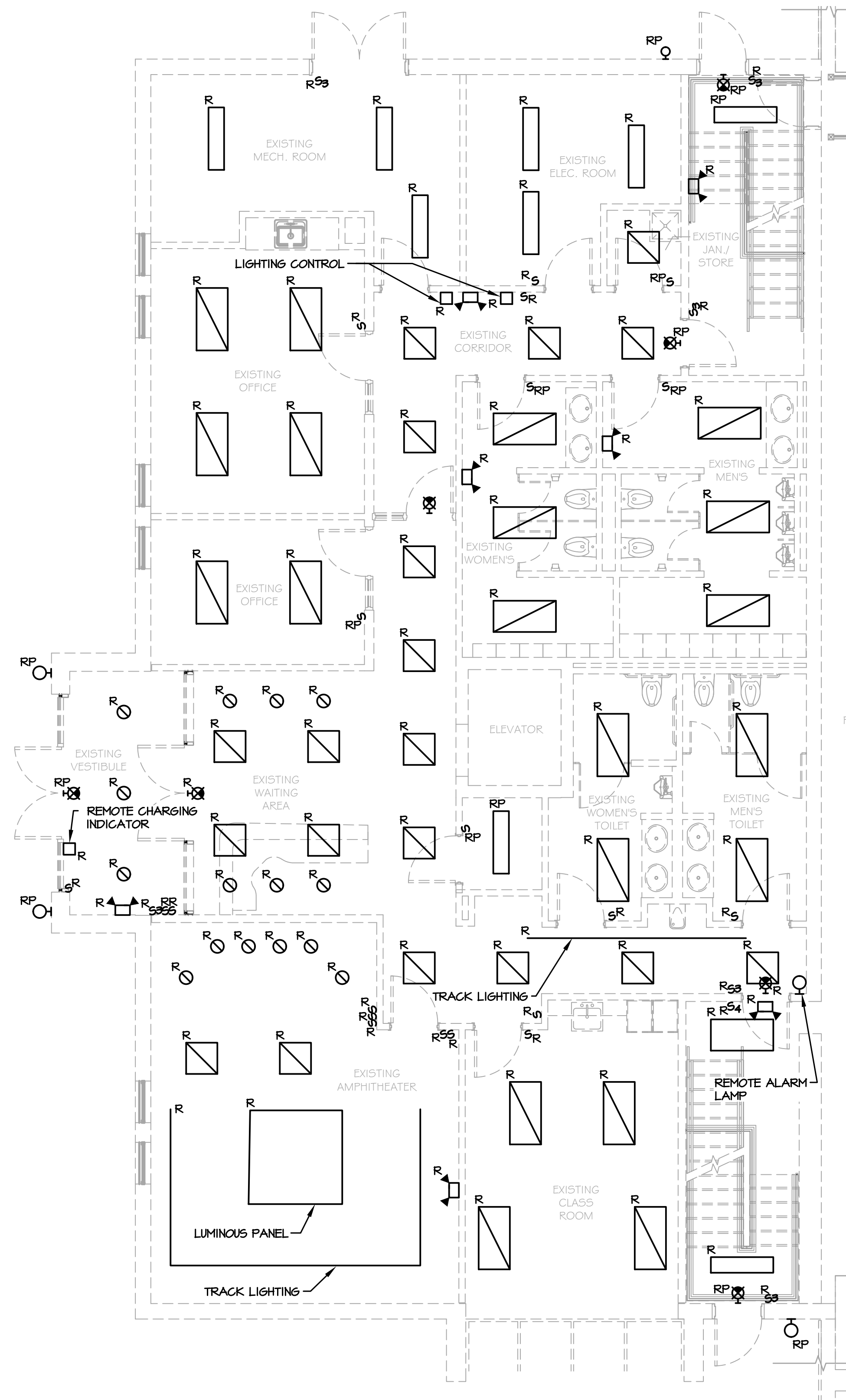
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fax: 631-756-1064

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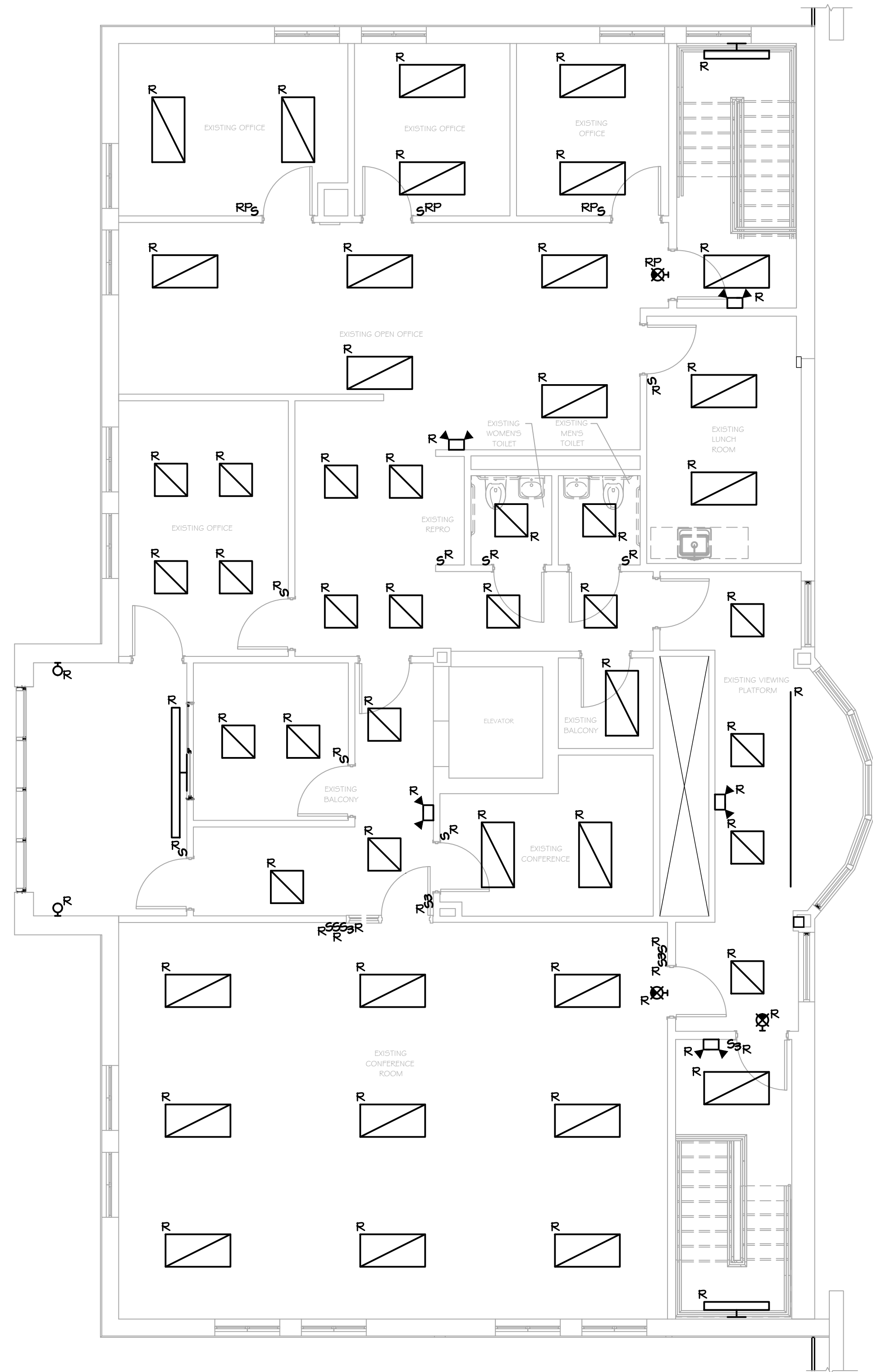
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DESIGNED: RER 7/29/21  
APPROVED: RER 7/29/21

PROJ. No: 499-010  
SCALE:  
DWG. NO: E-001  
CAD FILE: N:2021121033MEP21033 E-001.DWG  
SHEET SIZE: D-24x36  
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1 PARTIAL FIRST FLOOR PLAN - LIGHTING DEMOLITION  
E-101 SCALE: 3/16"=1'-0"



2 PARTIAL SECOND FLOOR PLAN - LIGHTING DEMOLITION  
E-101 SCALE: 3/16"=1'-0"

NOTES:

- REFER TO ARCHITECTURAL PLANS FOR AREAS AND PHASING OF WORK.
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- ELECTRICAL EQUIPMENT AND MATERIALS INDICATED ON DEMOLITION DRAWINGS AS "REMOVE EXISTING DEVICE (R)" SHALL BE REMOVED AS WORK OF THIS DIVISION UNLESS NOTED OTHERWISE. ITEMS OF VALUE AS DETERMINED BY OWNER SHALL BE STORED ON SITE WHERE DIRECTED BY OWNER. EQUIPMENT AND MATERIAL THAT OWNER DOES NOT WISH TO RETAIN SHALL BE DISCARDED OFF SITE. DO NOT REMOVE ANY EQUIPMENT AND MATERIALS FROM SITE WITHOUT OWNER'S APPROVAL.
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- ELECTRICAL DEVICES INDICATED ON DRAWINGS AS "REMOVE AND REPLACE (RP)" SHALL BE REMOVED AND REPLACED WITH NEW DEVICES. OUTLET BOXES AND BRANCH CIRCUITS SHALL REMAIN AND BE REUSED.
- REMOVE ALL ELECTRICAL ITEMS LOCATED ALONG DASHED WALLS (IF INDICATED) WITHIN THE PROJECT AREA. VERIFY ALL QUANTITIES OF DEVICES TO BE DEMOLISHED AND THE EXTENT OF DEMOLITION WORK AT THE SITE PRIOR TO BID DATE.
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- CONDUIT REMAINING IN PLACE MAY BE REUSED, PROVIDED CONDUIT IS THOROUGHLY CLEANED BEFORE NEW WIRE IS INSTALLED. THE REUSE OF ANY CONDUIT SHALL REQUIRE THE INSTALLATION OF A GREEN WIRE GROUND. CONDUIT REMAINING IN PLACE, AND TO BE REUSED, SHALL RUN IN SAME DIRECTION THAT NEW CONDUIT AND WIRE WOULD RUN, IF NEW WIRE AND CONDUIT WERE INSTALLED. REMOVED CONDUIT AND WIRE SHALL NOT BE REUSED.
- CIRCUITS SHALL BE MADE CONTINUOUS WHERE ELECTRICAL ITEMS ARE REMOVED FROM THE MIDDLE OF THOSE CIRCUITS CONTAINING OTHER ITEMS TO REMAIN ON THOSE SAME CIRCUITS.
- IF AN ELECTRICAL ITEM TO BE REMOVED IS LOCATED AT THE END OF A CIRCUIT, REMOVE THE WIRE AND EXPOSED CONDUIT BACK TO THE PANELBOARD AND, UNLESS OTHERWISE NOTED ON THE DRAWINGS, THE CIRCUIT BREAKER FOR THAT CIRCUIT SHALL BECOME A SPARE. REVISE PANEL DIRECTORY.
- COORDINATE DEMOLITION WITH OTHER TRADES.
- ALL PANELBOARD DIRECTORIES AFFECTED BY THIS WORK SHALL BE UPDATED UPON COMPLETION OF THIS PROJECT. DIRECTORIES SHALL BE TYPED.
- PROVIDE BLANK COVERS ON ALL ABANDONED RECESSED ELECTRICAL BOXES. COVER MATERIAL/FINISH/COLOR TO MATCH NEW DEVICES.
- THE CONTRACTOR SHALL CHECK AND VERIFY ALL CONDITIONS AND DIMENSIONS AT THE SITE BEFORE PROCEEDING WITH THE WORK. HE SHALL REPORT ANY DISCREPANCIES TO THE ARCHITECT/ENGINEER FOR CORRECTION PRIOR TO BEGINNING ANY WORK. DISCOVERY OF ANY DISCREPANCIES AFTER THE WORK HAS COMMENCED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
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- REQUIREMENTS FOR EXISTING EXPOSED CONDUIT, AS STATED ABOVE, SHALL ALSO APPLY TO EXISTING CONCEALED CONDUIT RUNS LOCATED ABOVE EXISTING ACCESSIBLE TILE CEILING OR EXISTING CONDUIT RUNS THAT WILL BE LOCATED ABOVE NEW ACCESSIBLE TILE CEILINGS.

PROJECT

NORTH

KEY PLAN

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PARTIAL FLOOR PLANS -  
LIGHTING DEMOLITION



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PROJ. No: 499-010	SCALE:
DWG. No: E-101	DATE: 7/30/21
CAD FILE: N:\2021\1033\MEP\21033 E-101.DWG	DATE: 7/30/21
SHEET SIZE: D-24x36	DATE: 7/30/21

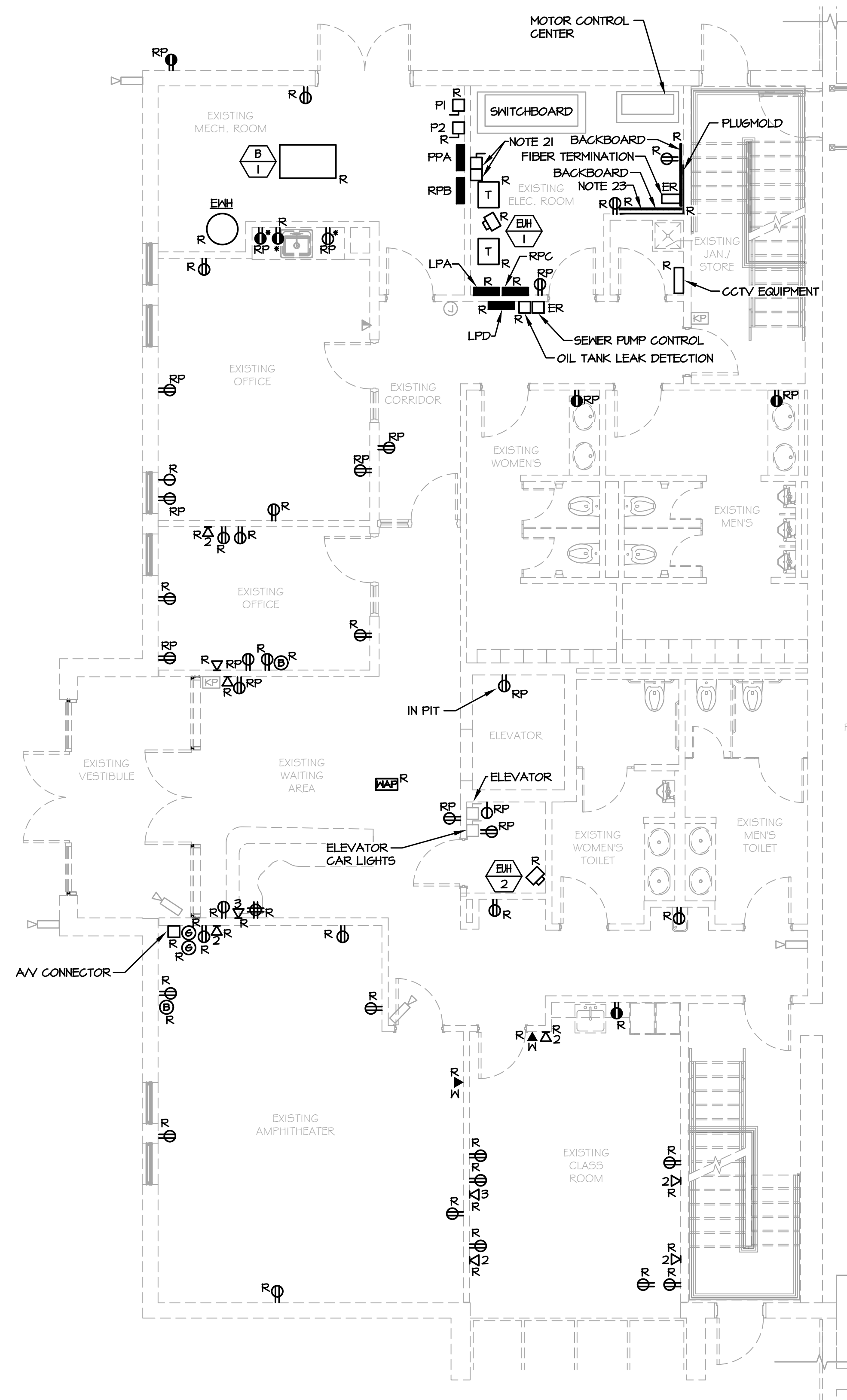
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APPROVED		SHEET SIZE: D-24x36	DATE: 7/30/21

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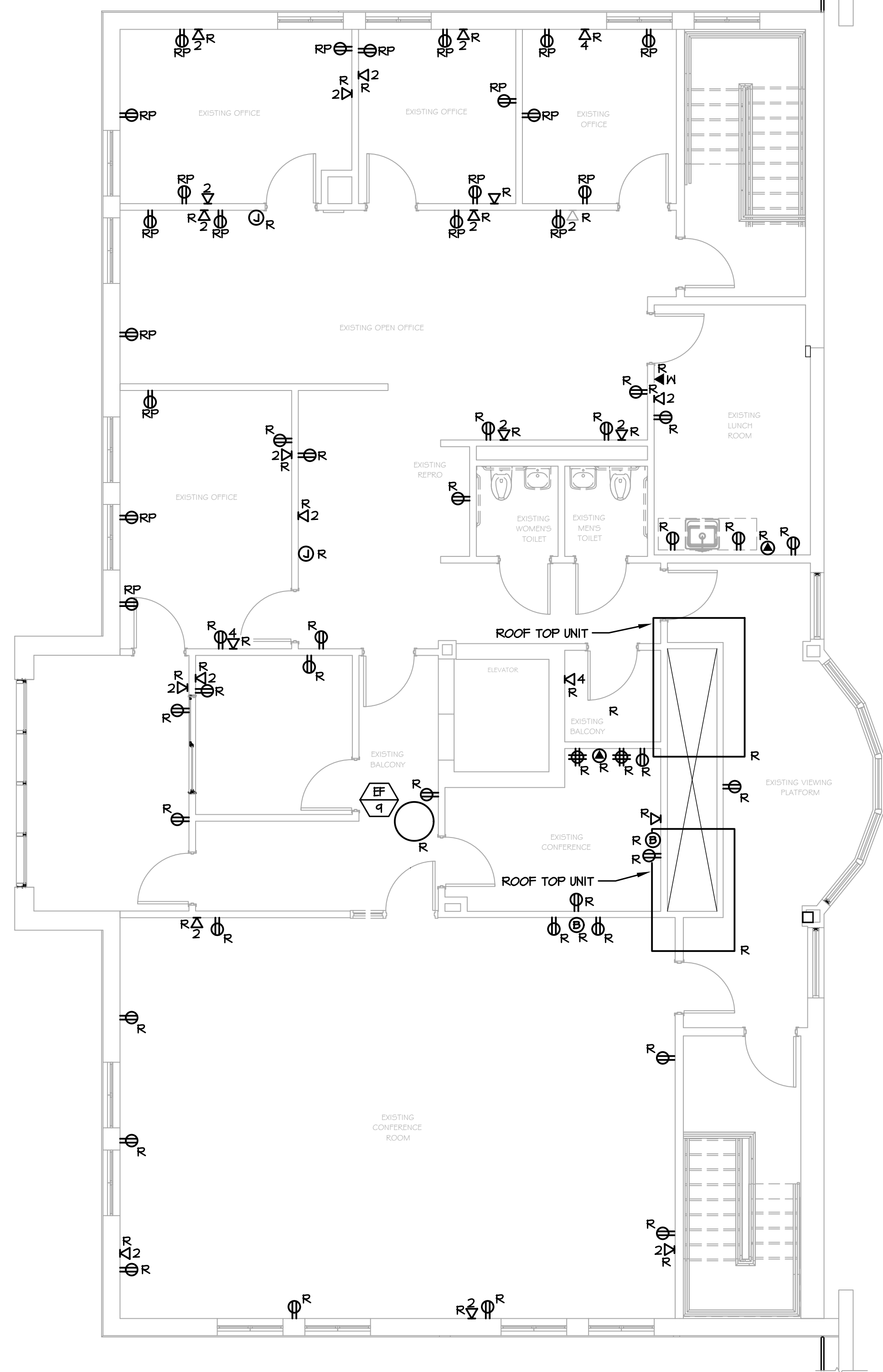
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Melville, N.Y. 11747  
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1 PARTIAL FIRST FLOOR PLAN - POWER AND SYSTEMS DEMOLITION  
E-102 SCALE: 3/16"=1'-0"



2 PARTIAL SECOND FLOOR PLAN - POWER AND SYSTEMS DEMOLITION  
E-102 SCALE: 3/16"=1'-0"

NOTES:

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- ELECTRICAL EQUIPMENT AND MATERIALS SHOWN ON DEMOLITION DRAWINGS ARE TO REMAIN UNLESS NOTED OTHERWISE.
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- REMOVE ALL ELECTRICAL ITEMS LOCATED ALONG DASHED WALLS (IF INDICATED) WITHIN THE PROJECT AREA. VERIFY ALL QUANTITIES OF DEVICES TO BE DEMOLISHED AND THE EXTENT OF DEMOLITION WORK AT THE SITE PRIOR TO BID DATE.
- DEVICES IN WALLS AND CEILINGS (EXAMPLES: RECEPTACLES AND COMMUNICATION OUTLETS) THAT ARE EXISTING TO REMAIN IN AREAS WHICH ARE COSMETICALLY UPGRADED, SHALL BE TEMPORARILY DISCONNECTED AND REMOVED TO ALLOW FOR INSTALLATION OF NEW CEILING GRIDS, NEW WALL SURFACE PREPARATIONS, PAINTING, ETC. REINSTALL ALL DEVICES IN SIMILAR LOCATIONS AFTER WORK IS COMPLETED. PROVIDE BOX EXTENSIONS/RELOCATIONS AS REQUIRED. COORDINATE WITH ARCHITECTURAL PLANS FOR EXTENT OF NEW FINISHES IN EACH AREA. VERIFY ALL QUANTITIES OF DEVICES AND THE EXTENT OF ALL SUCH WORK AT THE SITE PRIOR TO BID DATE.
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- IF AN ELECTRICAL ITEM TO BE REMOVED IS LOCATED ON THE END OF A CIRCUIT, REMOVE THE WIRE AND EXPOSED CONDUIT BACK TO THE NEXT ACTIVE ITEM ON THAT CIRCUIT.
- IF AN ELECTRICAL ITEM TO BE REMOVED IS THE ONLY ITEM ON THE CIRCUIT, REMOVE THE WIRE AND EXPOSED CONDUIT BACK TO THE PANELBOARD AND, UNLESS OTHERWISE NOTED ON THE DRAWINGS, THE CIRCUIT BREAKER FOR THAT CIRCUIT SHALL BECOME A SPARE. REVISE PANEL DIRECTORY.
- COORDINATE DEMOLITION WITH OTHER TRADES.
- DISCONNECT AND REMOVE ALL EXISTING BRANCH CIRCUITS ASSOCIATED WITH HVAC AND PLUMBING EQUIPMENT INDICATED TO BE REMOVED. EQUIPMENT REMOVED BY OTHERS. WHERE NOTED, REUSE EXISTING CIRCUITS FOR NEW EQUIPMENT.
- ALL PANELBOARD DIRECTORIES AFFECTED BY THIS WORK SHALL BE UPDATED UPON COMPLETION OF THIS PROJECT. DIRECTORIES SHALL BE TYPED.
- PROVIDE BLANK COVERS ON ALL ABANDONED RECESSED ELECTRICAL BOXES. COVER MATERIAL/FINISH/COLOR TO MATCH NEW DEVICES.
- DEMOLITION OF EXISTING DATA/VOICE WIRING SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR. REMOVE CABLING, TERMINATION PLATE, JACK, AND ASSOCIATED BOXES AND CONDUIT. COORDINATE ALL WORK RELATED TO COMMUNICATIONS SYSTEMS WITH OWNER'S I.T. REPRESENTATIVE.
- THE CONTRACTOR SHALL CHECK AND VERIFY ALL CONDITIONS AND DIMENSIONS AT THE SITE BEFORE PROCEEDING WITH THE WORK. HE SHALL REPORT ANY DISCREPANCIES TO THE ARCHITECT/ENGINEER FOR CORRECTION PRIOR TO BEGINNING ANY WORK. DISCOVERY OF ANY DISCREPANCIES AFTER THE WORK HAS COMMENCED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
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- DISCONNECT SWITCH AND DIGITAL METER FOR ADMINISTRATION.
- DEMOLITION OF THE FIRE ALARM SYSTEM IS A SEPARATE CONTRACT AND IS SHOWN ON A SEPARATE SET OF CONTRACT DOCUMENTS.
- COORDINATE EXTENT OF REMOVAL OF I.T./COMMUNICATION EQUIPMENT WITH OWNER'S VENDOR.

- EQUIPMENT INFORMATION:
- SWITCHBOARD: 277/480V, 3Ø, 4W, 1200A MCB
  - MOTOR CONTROL CENTER: 480V, 3Ø, 3W, 600A MLO
  - PANELBOARD LPA: 277/480V, 3Ø, 4W, 250A MLO
  - PANELBOARD LPD: 277/480V, 3Ø, 4W, 250A MLO
  - PANELBOARD PPA: 277/480V, 3Ø, 4W, 100A MCB
  - PANELBOARD RPB: 120/208V, 3Ø, 4W, 100A MCB
  - PANELBOARD RPC: 120/208V, 3Ø, 4W, 100A MCB

PROJECT	
NORTH	KEY PLAN

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ANDERSON DESIGN GROUP	ARCHITECTURE PLANNING INTERIORS
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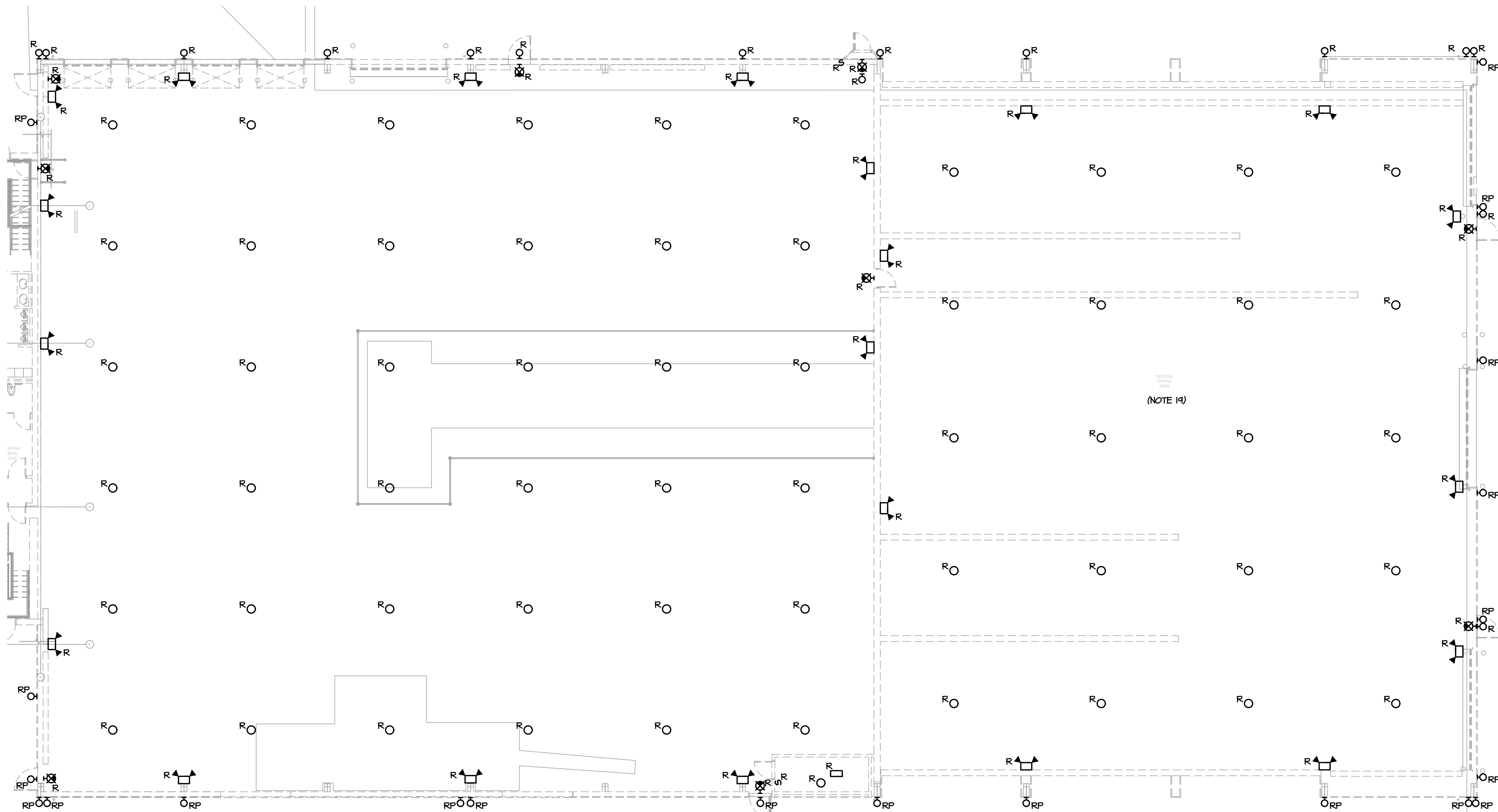


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ph: 631-756-1060 fax: 631-756-1064	

	<b>RRT Engineering, LLC</b> An Affiliate of Enviro-Services & Constructors, Inc. NY COA # 0017967
	<b>ROCKLAND GREEN</b> MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS 420 TORNE VALLEY ROAD, HILLBURN, NY 10931
PARTIAL FLOOR PLANS - POWER AND SYSTEMS DEMOLITION	
ISSUED FOR RFP	7/30/21
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DESCRIPTION	BY
PROJECT No: 499-010	SCALE:
DRAWN	BY
CHECKED	DATE
DESIGNED	DATE
APPROVED	DATE
APPROVED	

NOT FOR CONSTRUCTION



1 PARTIAL FIRST FLOOR PLAN - LIGHTING DEMOLITION  
 E-103 SCALE: 3/32"=1'-0"

NOTES:

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- ELECTRICAL EQUIPMENT AND MATERIALS SHOWN ON DEMOLITION DRAWINGS ARE TO REMAIN UNLESS NOTED OTHERWISE.
- ELECTRICAL EQUIPMENT AND MATERIALS INDICATED ON DEMOLITION DRAWINGS AS "REMOVE EXISTING DEVICE (R)" SHALL BE REMOVED AS WORK OF THIS DIVISION UNLESS NOTED OTHERWISE. ITEMS OF VALUE AS DETERMINED BY OWNER SHALL BE STORED ON SITE WHERE DIRECTED BY OWNER. EQUIPMENT AND MATERIAL THAT OWNER DOES NOT WISH TO RETAIN SHALL BE DISCARDED OFF SITE. DO NOT REMOVE ANY EQUIPMENT AND MATERIALS FROM SITE WITHOUT OWNER'S APPROVAL.
- ELECTRICAL EQUIPMENT AND MATERIALS INDICATED ON DRAWINGS AS "RELOCATE EXISTING DEVICE (ER)" SHALL BE REMOVED, RELOCATED, REINSTALLED AND RECONNECTED UNLESS OTHERWISE NOTED ON THE DRAWINGS. BEFORE REINSTALLATION, EQUIPMENT AND MATERIALS SHALL BE CLEANED AND NICKS AND SCRATCHES SHALL BE TOUCHED UP.
- ELECTRICAL DEVICES INDICATED ON DRAWINGS AS "REMOVE AND REPLACE (RP)" SHALL BE REMOVED AND REPLACED WITH NEW DEVICES. OUTLET BOXES AND BRANCH CIRCUITS SHALL REMAIN AND BE REUSED.
- REMOVE ALL ELECTRICAL ITEMS LOCATED ALONG DASHED WALLS (IF INDICATED) WITHIN THE PROJECT AREA. VERIFY ALL QUANTITIES OF DEVICES TO BE DEMOLISHED AND THE EXTENT OF DEMOLITION WORK AT THE SITE PRIOR TO BID DATE.
- DEVICES IN WALLS AND CEILINGS (EXAMPLES: SWITCHES AND LIGHTING FIXTURES) THAT ARE EXISTING TO REMAIN IN AREAS WHICH ARE COSMETICALLY UPGRADED, SHALL BE TEMPORARILY DISCONNECTED AND REMOVED TO ALLOW FOR INSTALLATION OF NEW CEILING GRIDS, NEW WALL SURFACE PREPARATION, PAINTING, ETC. REINSTALL ALL DEVICES IN SIMILAR LOCATIONS AFTER WORK IS COMPLETED. PROVIDE BOX EXTENSIONS/RELOCATIONS AS REQUIRED. COORDINATE WITH ARCHITECTURAL PLANS FOR EXTENT OF NEW FINISHES IN EACH AREA. VERIFY ALL QUANTITIES OF DEVICES AND THE EXTENT OF ALL SUCH WORK AT THE SITE PRIOR TO BID DATE.
- CONDUIT REMAINING IN PLACE MAY BE REUSED, PROVIDED CONDUIT IS THOROUGHLY CLEANED BEFORE NEW WIRE IS INSTALLED. THE REUSE OF ANY CONDUIT SHALL REQUIRE THE INSTALLATION OF A GREEN WIRE GROUND. CONDUIT REMAINING IN PLACE AND TO BE REUSED, SHALL RUN IN SAME DIRECTION THAT NEW CONDUIT AND WIRE WOULD RUN, IF NEW WIRE AND CONDUIT WERE INSTALLED. REMOVED CONDUIT AND WIRE SHALL NOT BE REUSED.
- CIRCUITS SHALL BE MADE CONTINUOUS WHERE ELECTRICAL ITEMS ARE REMOVED FROM THE MIDDLE OF THOSE CIRCUITS CONTAINING OTHER ITEMS TO REMAIN ON THOSE SAME CIRCUITS.
- IF AN ELECTRICAL ITEM TO BE REMOVED IS LOCATED ON THE END OF A CIRCUIT, REMOVE THE WIRE AND EXPOSED CONDUIT BACK TO THE PANELBOARD AND, UNLESS OTHERWISE NOTED ON THE DRAWINGS, THE CIRCUIT BREAKER FOR THAT CIRCUIT SHALL BECOME A SPARE. REVISE PANEL DIRECTORY.
- IF AN ELECTRICAL ITEM TO BE REMOVED IS THE ONLY ITEM ON THE CIRCUIT, REMOVE THE WIRE AND EXPOSED CONDUIT BACK TO THE PANELBOARD AND, UNLESS OTHERWISE NOTED ON THE DRAWINGS, THE CIRCUIT BREAKER FOR THAT CIRCUIT SHALL BECOME A SPARE. REVISE PANEL DIRECTORY.
- COORDINATE DEMOLITION WITH OTHER TRADES.
- ALL PANELBOARD DIRECTORIES AFFECTED BY THIS WORK SHALL BE UPDATED UPON COMPLETION OF THIS PROJECT. DIRECTORIES SHALL BE TYPED.
- PROVIDE BLANK COVERS ON ALL ABANDONED RECESSED ELECTRICAL BOXES. COVER MATERIAL/FINISH/COLOR TO MATCH NEW DEVICES.
- THE CONTRACTOR SHALL CHECK AND VERIFY ALL CONDITIONS AND DIMENSIONS AT THE SITE BEFORE PROCEEDING WITH THE WORK. HE SHALL REPORT ANY DISCREPANCIES TO THE ARCHITECT/ENGINEER FOR CORRECTION PRIOR TO BEGINNING ANY WORK. DISCOVERY OF ANY DISCREPANCIES AFTER THE WORK HAS COMMENCED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- DO NOT SCALE THESE DRAWINGS FOR EXACT DIMENSIONS, VERIFY ALL FIGURES, CONDITIONS, DIMENSIONS, ETC AT THE JOB SITE.
- WHERE AN EXISTING, OR PORTION OF AN EXISTING CONDUIT RUN TO BE REMOVED IS PARTIALLY EXPOSED AND PARTIALLY CONCEALED, THE EXPOSED PORTION SHALL BE REMOVED TO A CONCEALED POINT BEYOND THE SURFACE, I.E. A WALL, A CEILING, A FLOOR, AND THE SURFACE SHALL BE PATCHED TO MATCH EXISTING.
- REQUIREMENTS FOR EXISTING EXPOSED CONDUIT, AS STATED ABOVE, SHALL ALSO APPLY TO EXISTING CONCEALED CONDUIT RUNS LOCATED ABOVE EXISTING ACCESSIBLE TILE CEILING OR EXISTING CONDUIT RUNS THAT WILL BE LOCATED ABOVE NEW ACCESSIBLE TILE CEILINGS.
- FIELD VERIFY ELECTRICAL EQUIPMENT TO BE REMOVED IN EXISTING TIPPING AREA.

PROJECT

NORTH

KEY PLAN

AREA OF CONSTRUCTION

**STERLING**  
 Sterling Environmental Engineering, P.C.

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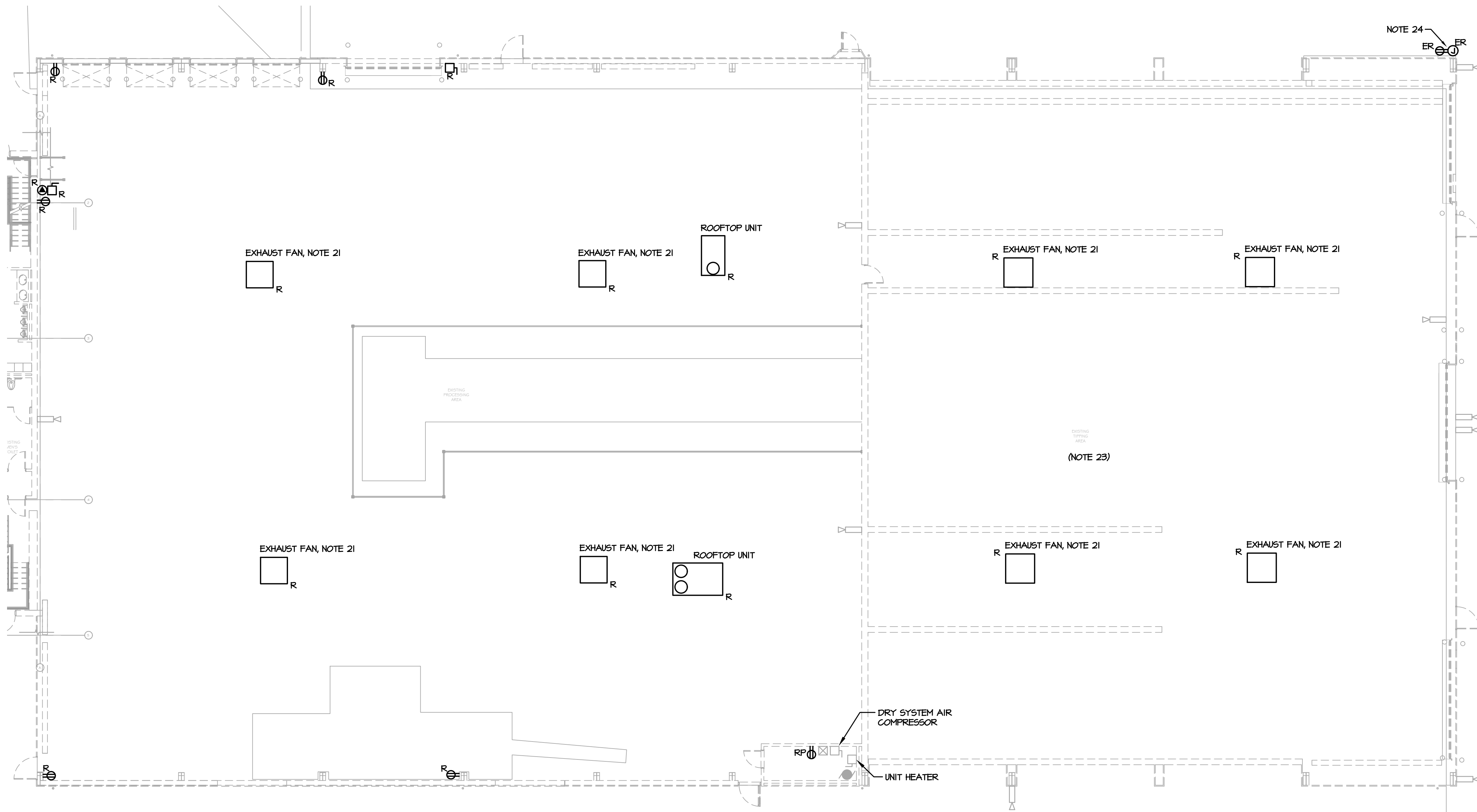
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<p><b>RRT Engineering, LLC</b>          An Affiliate of Enviro-Services &amp; Constructors, Inc.          NY COA # 0017967</p>	
<p><b>ROCKLAND GREEN</b>          MATERIALS RECOVERY FACILITY,          FACILITY IMPROVEMENTS          420 TORNE VALLEY ROAD, HILLBURN, NY 10931</p>	
<p>PARTIAL FIRST FLOOR PLAN -          LIGHTING DEMOLITION</p>	
<p>ISSUED FOR RFP</p>	<p>7/30/21</p>
<p>REVISION</p>	<p>DATE</p>
<p>DESCRIPTION</p>	<p>BY</p>
<p>PROPRIETARY DATA</p>	<p>DATE</p>
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<p>RRT Engineering, LLC          1 Huntington Quadrangle, 3501          Melville, N.Y. 11747          ph: 631-756-1060          fax: 631-756-1064</p>	<p>CAD FILE: N:\2021\1033\MEP\21033 E-103.DWG          SHEET SIZE: D-24x36</p>
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**1** PARTIAL FIRST FLOOR PLAN - POWER AND SYSTEMS DEMOLITION  
 E-104 SCALE: 3/32"=1'-0"

**NOTES:**

- REFER TO ARCHITECTURAL PLANS FOR AREAS AND PHASING OF WORK.
- ELECTRICAL EQUIPMENT AND MATERIALS SHOWN ON DEMOLITION DRAWINGS ARE TO REMAIN UNLESS NOTED OTHERWISE.
- ELECTRICAL EQUIPMENT AND MATERIALS INDICATED ON DEMOLITION DRAWING AS "REMOVE EXISTING DEVICE (R)" SHALL BE REMOVED AS WORK OF THIS DIVISION UNLESS NOTED OTHERWISE. ITEMS OF VALUE AS DETERMINED BY OWNER SHALL BE STORED ON SITE WHERE DIRECTED BY OWNER. EQUIPMENT AND MATERIAL THAT OWNER DOES NOT WISH TO RETAIN SHALL BE DISCARDED OFF SITE. DO NOT REMOVE ANY EQUIPMENT AND MATERIALS FROM SITE WITHOUT OWNER'S APPROVAL.
- ELECTRICAL EQUIPMENT AND MATERIALS INDICATED ON DRAWINGS AS "RELOCATE EXISTING DEVICE (ER)" SHALL BE REMOVED, RELOCATED, REINSTALLED AND RECONNECTED UNLESS OTHERWISE NOTED ON THE DRAWINGS. BEFORE REINSTALLATION, EQUIPMENT AND MATERIALS SHALL BE CLEANED AND NICKS AND SCRATCHES SHALL BE TOUCHED UP.
- ELECTRICAL DEVICES INDICATED ON DRAWINGS AS "REMOVE AND REPLACE (RP)" SHALL BE REMOVED AND REPLACED WITH NEW DEVICES. OUTLET BOXES AND BRANCH CIRCUITS SHALL REMAIN AND BE REUSED.
- REMOVE ALL ELECTRICAL ITEMS LOCATED ALONG DASHED WALLS (IF INDICATED) WITHIN THE PROJECT AREA. VERIFY ALL QUANTITIES OF DEVICES TO BE DEMOLISHED AND THE EXTENT OF DEMOLITION WORK AT THE SITE PRIOR TO BID DATE.
- DEVICES IN WALLS AND CEILINGS (EXAMPLES: RECEPTACLES, COMMUNICATION OUTLETS AND FIRE ALARM) THAT ARE EXISTING TO REMAIN IN AREAS WHICH ARE COSMETICALLY UPGRADED, SHALL BE TEMPORARILY DISCONNECTED AND REMOVED TO ALLOW FOR INSTALLATION OF NEW CEILING GRIDS, NEW WALL SURFACE PREPARATIONS, PAINTING, ETC. REINSTALL ALL DEVICES IN SIMILAR LOCATIONS AFTER WORK IS COMPLETED. PROVIDE BOX EXTENSIONS/RELOCATIONS AS REQUIRED. COORDINATE WITH ARCHITECTURAL PLANS FOR EXTENT OF NEW FINISHES IN EACH AREA. VERIFY ALL QUANTITIES OF DEVICES AND THE EXTENT OF ALL SUCH WORK AT THE SITE PRIOR TO BID DATE.
- CONDUIT REMAINING IN PLACE MAY BE REUSED, PROVIDED CONDUIT IS THOROUGHLY CLEANED BEFORE NEW WIRE IS INSTALLED. THE REUSE OF ANY CONDUIT SHALL REQUIRE THE INSTALLATION OF A GREEN WIRE GROUND. CONDUIT REMAINING IN PLACE, AND TO BE REUSED, SHALL RUN IN SAME DIRECTION THAT NEW CONDUIT AND WIRE WOULD RUN, IF NEW WIRE AND CONDUIT WERE INSTALLED. REMOVED CONDUIT AND WIRE SHALL NOT BE REUSED.
- CIRCUITS SHALL BE MADE CONTINUOUS WHERE ELECTRICAL ITEMS ARE REMOVED FROM THE MIDDLE OF THOSE CIRCUITS CONTAINING OTHER ITEMS TO REMAIN ON THOSE SAME CIRCUITS.
- IF AN ELECTRICAL ITEM TO BE REMOVED IS LOCATED ON THE END OF A CIRCUIT, REMOVE THE WIRE AND EXPOSED CONDUIT BACK TO THE NEXT ACTIVE ITEM ON THAT CIRCUIT.
- IF AN ELECTRICAL ITEM TO BE REMOVED IS THE ONLY ITEM ON THE CIRCUIT, REMOVE THE WIRE AND EXPOSED CONDUIT BACK TO THE PANELBOARD AND, UNLESS OTHERWISE NOTED ON THE DRAWINGS, THE CIRCUIT BREAKER FOR THAT CIRCUIT SHALL BECOME A SPARE. REVISE PANEL DIRECTORY.
- COORDINATE DEMOLITION WITH OTHER TRADES.
- DISCONNECT AND REMOVE ALL EXISTING BRANCH CIRCUITS ASSOCIATED WITH HVAC AND PLUMBING EQUIPMENT INDICATED TO BE REMOVED. EQUIPMENT REMOVED BY OTHERS. WHERE NOTED, REUSE EXISTING CIRCUITS FOR NEW EQUIPMENT.
- ALL PANELBOARD DIRECTORIES AFFECTED BY THIS WORK SHALL BE UPDATED UPON COMPLETION OF THIS PROJECT. DIRECTORIES SHALL BE TYPED.
- PROVIDE BLANK COVERS ON ALL ABANDONED RECESSED ELECTRICAL BOXES. COVER MATERIAL/FINISH/COLOR TO MATCH NEW DEVICES.
- DEMOLITION OF EXISTING DATA/VOICE WIRING SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR. REMOVE CABLING, TERMINATION, PLATE, JACK AND ASSOCIATED BOXES AND CONDUIT. COORDINATE ALL WORK RELATED TO COMMUNICATIONS SYSTEMS WITH OWNER'S I.T. REPRESENTATIVE.
- THE CONTRACTOR SHALL CHECK AND VERIFY ALL CONDITIONS AND DIMENSIONS AT THE SITE BEFORE PROCEEDING WITH THE WORK. HE SHALL REPORT ANY DISCREPANCIES TO THE ARCHITECT/ENGINEER FOR CORRECTION PRIOR TO BEGINNING ANY WORK. DISCOVERY OF ANY DISCREPANCIES AFTER THE WORK HAS COMMENCED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- DO NOT SCALE THESE DRAWINGS FOR EXACT DIMENSIONS, VERIFY ALL FIGURES, CONDITIONS, DIMENSIONS, ETC AT THE JOB SITE.
- WHERE AN EXISTING, OR PORTION OF AN EXISTING CONDUIT RUN TO BE REMOVED IS PARTIALLY EXPOSED AND PARTIALLY CONCEALED, THE EXPOSED PORTION SHALL BE REMOVED TO A CONCEALED POINT BEYOND THE SURFACE, I.E. A WALL, A CEILING, A FLOOR, AND THE SURFACE SHALL BE PATCHED TO MATCH EXISTING.
- REQUIREMENTS FOR EXISTING EXPOSED CONDUIT, AS STATED ABOVE, SHALL ALSO APPLY TO EXISTING CONCEALED CONDUIT RUNS LOCATED ABOVE EXISTING ACCESSIBLE TILE CEILING OR EXISTING CONDUIT RUNS THAT WILL BE LOCATED ABOVE NEW ACCESSIBLE TILE CEILINGS.
- BRANCH CIRCUIT FROM MOTOR CONTROL CENTER (MCC) SHALL REMAIN AND BE REUSED TO SERVE REPLACEMENT EXHAUST FAN.
- DEMOLITION OF THE FIRE ALARM SYSTEM IS A SEPARATE CONTRACT AND IS SHOWN ON A SEPARATE SET OF CONTRACT DOCUMENTS.
- FIELD VERIFY EXISTING ELECTRICAL EQUIPMENT TO BE REMOVED IN EXISTING TIPPING AREA.
- RELOCATE POWER FOR FUEL OIL PUMP TO NEW LOCATION AS INDICATED ON CIVIL SITE PLAN.

**PROJECT**

**KEY PLAN** AREA OF CONSTRUCTION

**NORTH**

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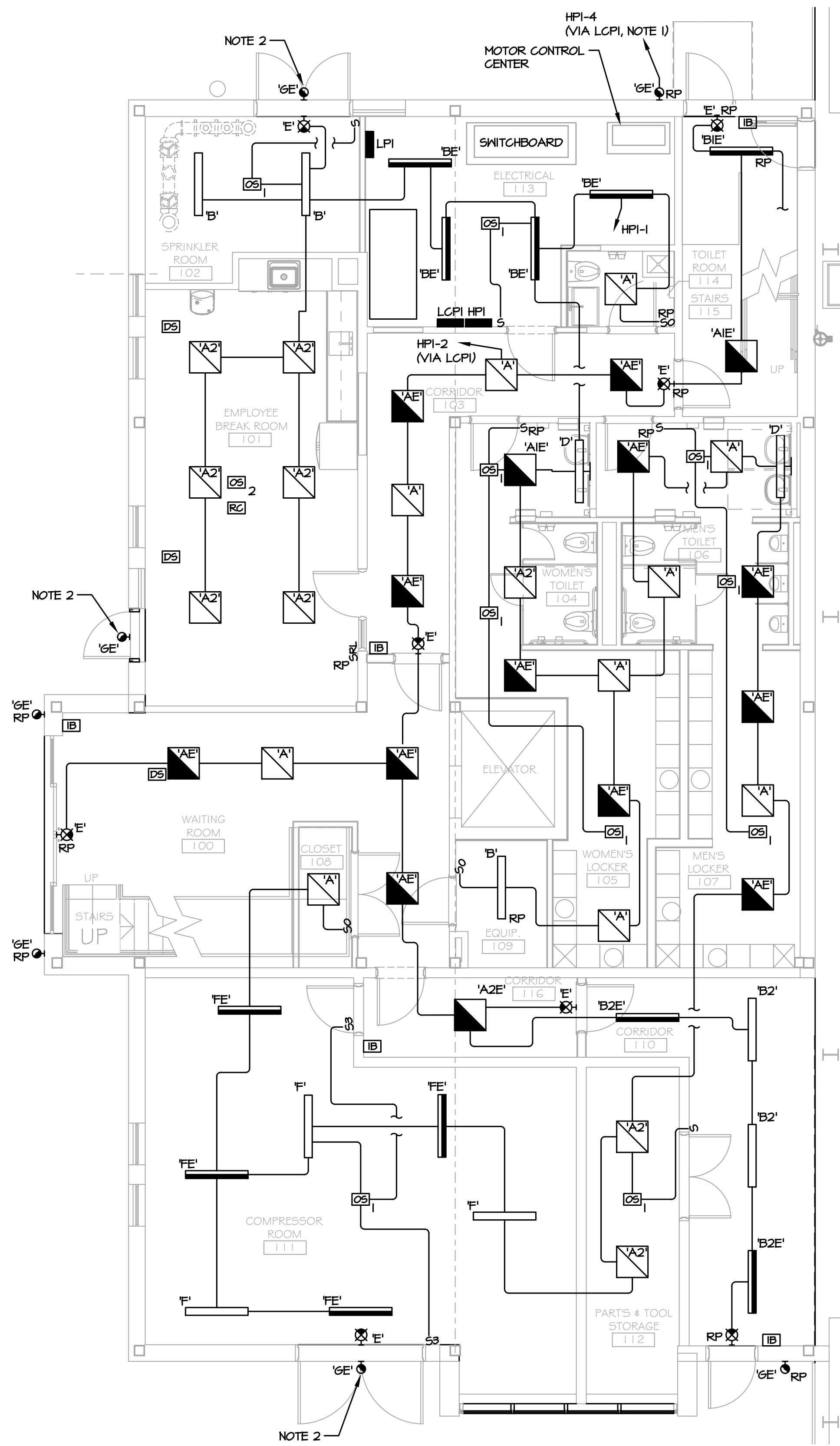
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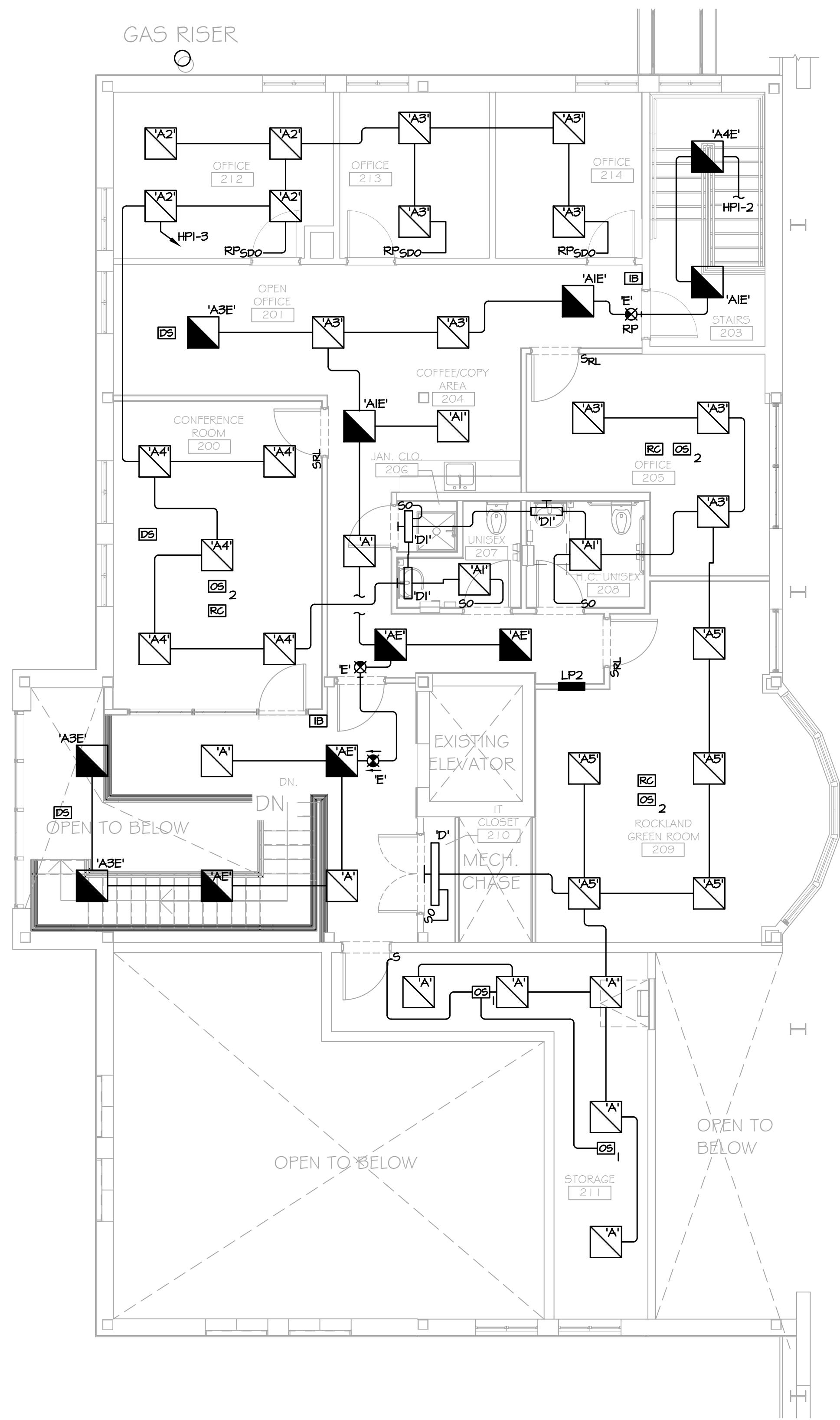


<b>RRT Engineering, LLC</b> An Affiliate of Enviro-Services & Constructors, Inc. NY COA # 0017967	
<b>ROCKLAND GREEN</b> MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS 420 TORNE VALLEY ROAD, HILLBURN, NY 10931	
PARTIAL FIRST FLOOR PLAN - POWER AND SYSTEMS DEMOLITION	
ISSUED FOR RFP	7/30/21
REV	DESCRIPTION
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DRAWN	REVISOR
CHECKED	DATE
DESIGNED	PROJ. No: 499-010
APPROVED	SCALE:
APPROVED	DWG. No: E-104
	CAD FILE: N:2021121033MEP21033 E-104.DWG
	SHEET SIZE: D-24x36

NOT FOR CONSTRUCTION



1 PARTIAL FIRST FLOOR PLAN - LIGHTING  
E-201 SCALE: 3/16"=1'-0"



2 PARTIAL SECOND FLOOR PLAN - LIGHTING  
E-201 SCALE: 3/16"=1'-0"

NOTES:

- REGIRCUIT EXISTING EXTERIOR BRANCH LIGHTING CIRCUIT AS INDICATED. EXISTING EXTERIOR BRANCH LIGHTING CIRCUIT SERVES ALL EXISTING EXTERIOR LIGHTING FIXTURES INDICATED TO BE REPLACED.
- CONNECT NEW LIGHTING FIXTURE TO EXISTING EXTERIOR BRANCH LIGHTING CIRCUIT THAT IS BEING REGIRCUITED, SEE NOTE 1.

**PROJECT**

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Sterling Environmental Engineering, P.C.

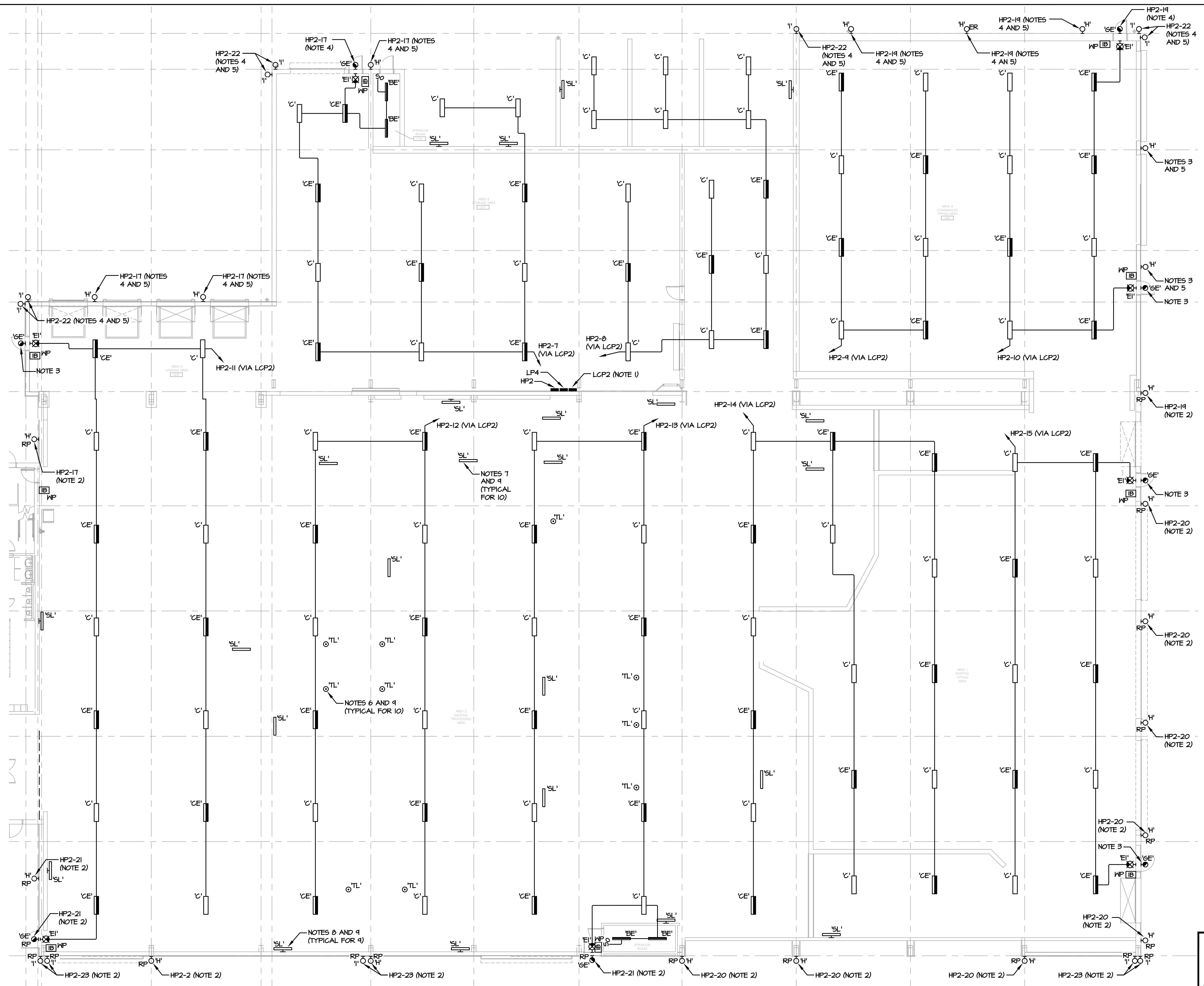
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<p><b>PARTIAL FLOOR PLANS - LIGHTING</b></p>	
<p>ISSUED FOR RFP</p>	<p>7/30/21</p>
<p>REVISION</p>	<p>DATE</p>
<p>DESCRIPTION</p>	<p>BY CHK</p>
<p>PROPRIETARY DATA</p>	<p>BY DATE</p>
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<p><b>RRT Engineering, LLC</b> 1 Huntington Quadrangle, 3581 Melville, N.Y. 11747 ph: 631-756-1060 fax: 631-756-1064</p>	<p>DWG. No: E-201 CAD FILE: N:\2021\1033\MEP\21033 E-201.DWG SHEET SIZE: D-24x36</p>
<p>CHECKED DESIGNED APPROVED</p>	<p>BY DATE RER 7/30/21 RER 7/30/21 RER 7/30/21</p>
<p>APPROVED</p>	<p>BY DATE RER 7/30/21</p>

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**NOTES:**

1. PROVIDE CIRCUIT FOR ENCLOSURE AIR CONDITIONER (HP2-16J8).
2. RECIRCUIT EXISTING EXTERIOR BRANCH LIGHTING CIRCUIT AS INDICATED. CIRCUIT SHALL BE CONTROLLED VIA LCP2.
3. CONNECT NEW LIGHTING FIXTURE TO EXISTING EXTERIOR BRANCH LIGHTING CIRCUIT THAT IS BEING RECIRCUITED, SEE NOTE 2.
4. NEW LIGHTING CIRCUIT SHALL BE CONTROLLED VIA LCP2.
5. FOR NON-REPLACEMENT EXTERIOR LIGHTING FIXTURES, MOUNT TYPE 'H' LIGHTING FIXTURES 18'-0" AFF AND MOUNT TYPE 'I' LIGHTING FIXTURES 30'-0" AFF.
6. TASK LIGHTING FIXTURES SHALL BE MOUNTED 10'-0" ABOVE PLATFORM FLOOR. ALL LIGHTING FIXTURES SHALL BE FIELD LOCATED BY ELECTRICAL CONTRACTOR AFTER PROCESSING EQUIPMENT IS INSTALLED. OBTAIN LOCATION APPROVAL FROM RRT PRIOR INSTALLATION.
7. SUPPLEMENTAL LIGHTING FIXTURES SHALL BE INSTALLED ON UNDERSIDE OF EQUIPMENT/PLATFORM. ALL LIGHTING FIXTURES SHALL BE FIELD LOCATED BY ELECTRICAL CONTRACTOR AFTER PROCESSING EQUIPMENT IS INSTALLED. OBTAIN LOCATION APPROVAL FROM RRT PRIOR INSTALLATION.
8. SUPPLEMENTAL LIGHTING FIXTURES SHALL BE WALL MOUNTED AT THE SAME HEIGHT AS EQUIPMENT/PLATFORM MOUNTED SUPPLEMENTAL LIGHTING FIXTURES. ALL LIGHTING FIXTURES SHALL BE FIELD LOCATED BY ELECTRICAL CONTRACTOR AFTER PROCESSING EQUIPMENT IS INSTALLED. OBTAIN LOCATION AND HEIGHT APPROVAL FROM RRT PRIOR INSTALLATION.
9. ALL TASK LIGHTING FIXTURES AND SUPPLEMENTAL LIGHTING FIXTURES SHALL BE CIRCUITED FROM CIRCUIT HP2-13.

**1 PARTIAL FIRST FLOOR PLAN - LIGHTING**  
 E-202 SCALE: 3/32"=1'-0"

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**PROJECT**

**STERLING**  
Sterling Environmental Engineering, P.C.

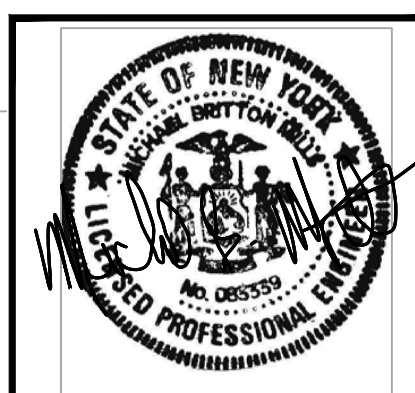
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NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

ISSUED FOR RFP	7/30/21
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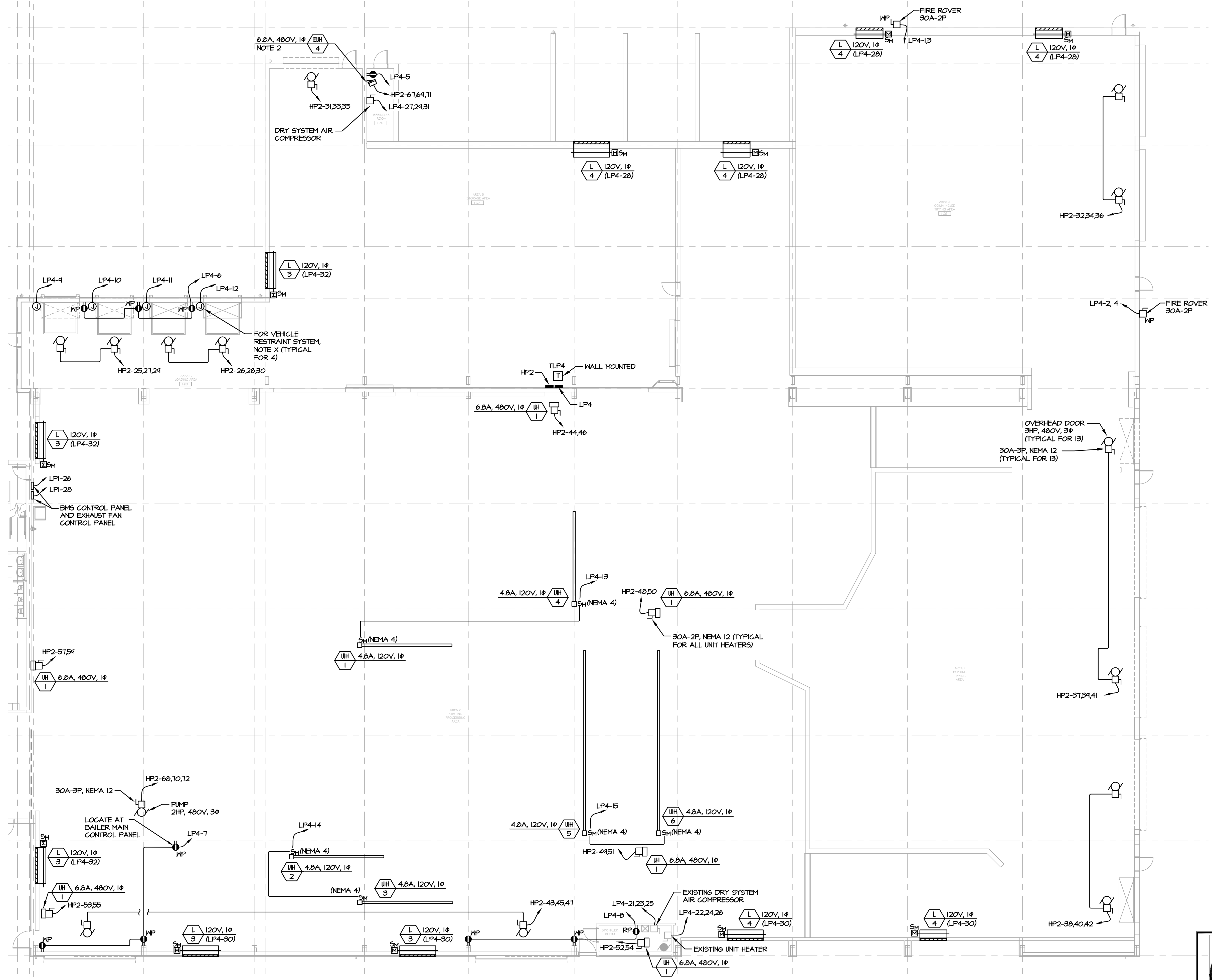
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APPROVED	RER	7/30/21		
APPROVED				

**RRT Engineering, LLC**  
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Melville, N.Y. 11747  
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fax: 631-756-1064

DWG. NO: E-202  
CAD FILE: N:\2021\1033\MEP21033 E-202.DWG  
SHEET SIZE: D-24x36





**NOTES:**

- COORDINATE LOCATION OF ROUGH-IN FOR VEHICLE RESTRAINT SYSTEM WITH GENERAL CONTRACTOR. ALL ASSOCIATED CONTROLS AND LIGHTING PROVIDED BY GENERAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL INTERCONNECTING WIRING.
- ELECTRIC UNIT HEATER PROVIDED WITH DISCONNECT SWITCH.

**1 PARTIAL FIRST FLOOR PLAN - POWER**  
**E-302 SCALE: 3/32"=1'-0"**

**PROJECT**

**NORTH**

**KEY PLAN**

**STERLING**  
 Sterling Environmental Engineering, P.C.

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 NY COA # 0017967

**Rockland Green**  
 MATERIALS RECOVERY FACILITY,  
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 420 TORNE VALLEY ROAD, HILLBURN, NY 10931

ISSUED FOR RFP	7/30/21
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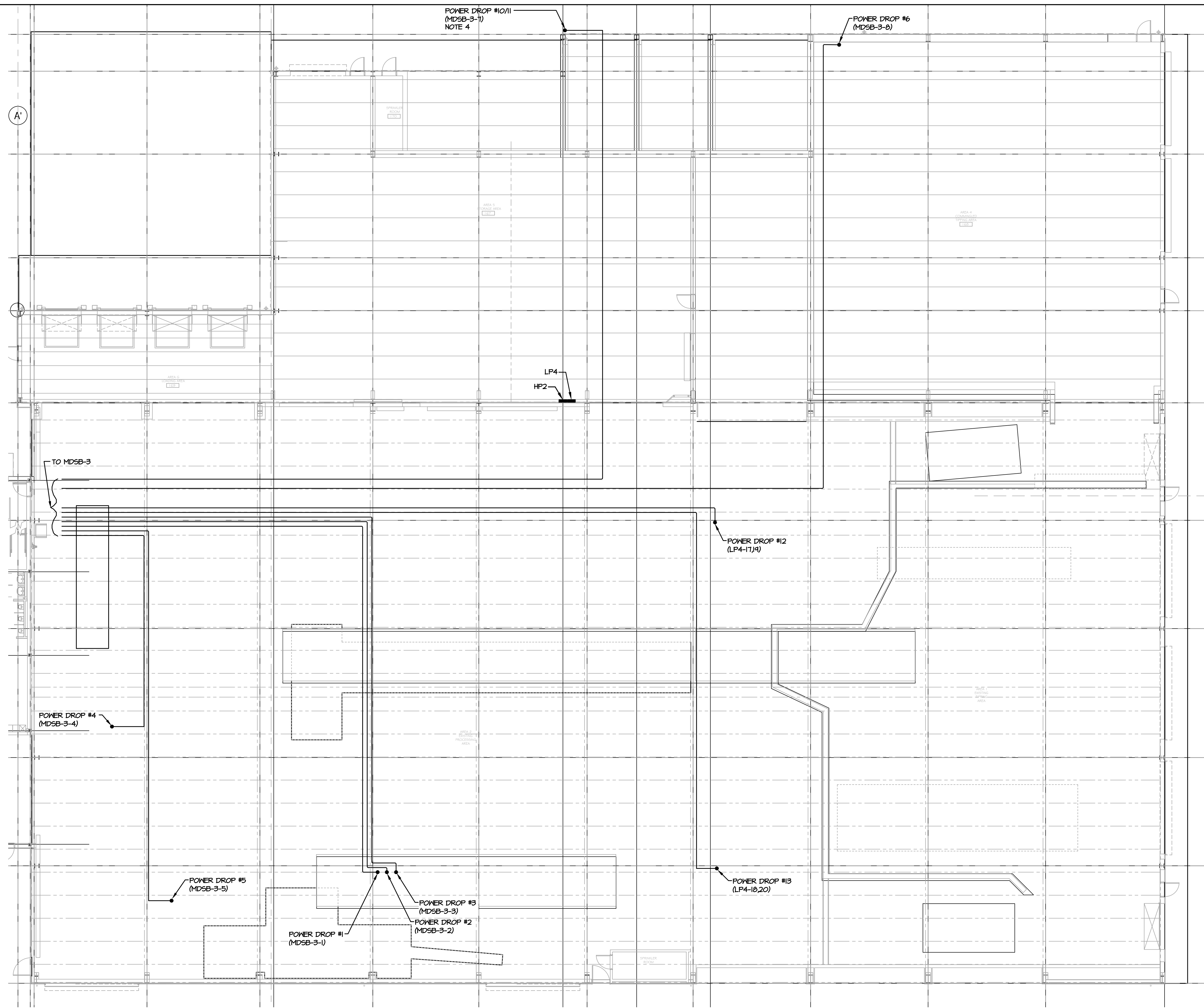


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**RRT Engineering, LLC**  
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 Melville, N.Y. 11747  
 ph: 631-756-1060  
 fax: 631-756-1064



**NOTES:**

1. CONDUITS SHALL BE RUN ABOVE TOP OF ROOF TRUSS.
2. PROVIDE CONDUIT ROUTING PLAN BASED ON ACTUAL FIELD CONDITIONS FOR REVIEW AND APPROVAL PRIOR TO CONDUIT INSTALLATION.
3. POWER DROPS SHALL TERMINATE AT EQUIPMENT. EQUIPMENT PROVIDED BY VENDOR. COORDINATE EXACT LOCATION OF POWER DROPS WITH VENDOR PRIOR TO SUBMITTING CONDUIT ROUTING PLAN.
4. POWER DROP #10/11 IS FOR TWO EXTERIOR COMPACTORS. PROVIDE A WEATHERPROOF JUNCTION BOX ON THE EXTERIOR OF THE BUILDING. PROVIDE A SOA FEEDER (3#6, 1#10G, 1#6) FROM JUNCTION BOX TO EACH COMPACTOR.

**1 PARTIAL FIRST FLOOR PLAN - CONDUIT ROUTING**  
**E-303 SCALE: 3/32"=1'-0"**

**PROJECT**

**STERLING**  
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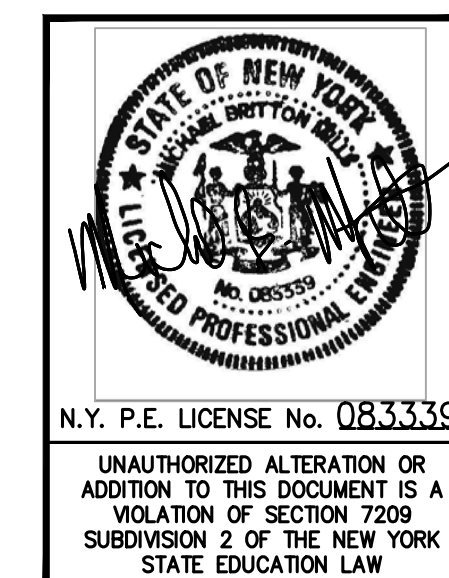
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420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**PARTIAL FIRST FLOOR PLAN - CONDUIT ROUTING**

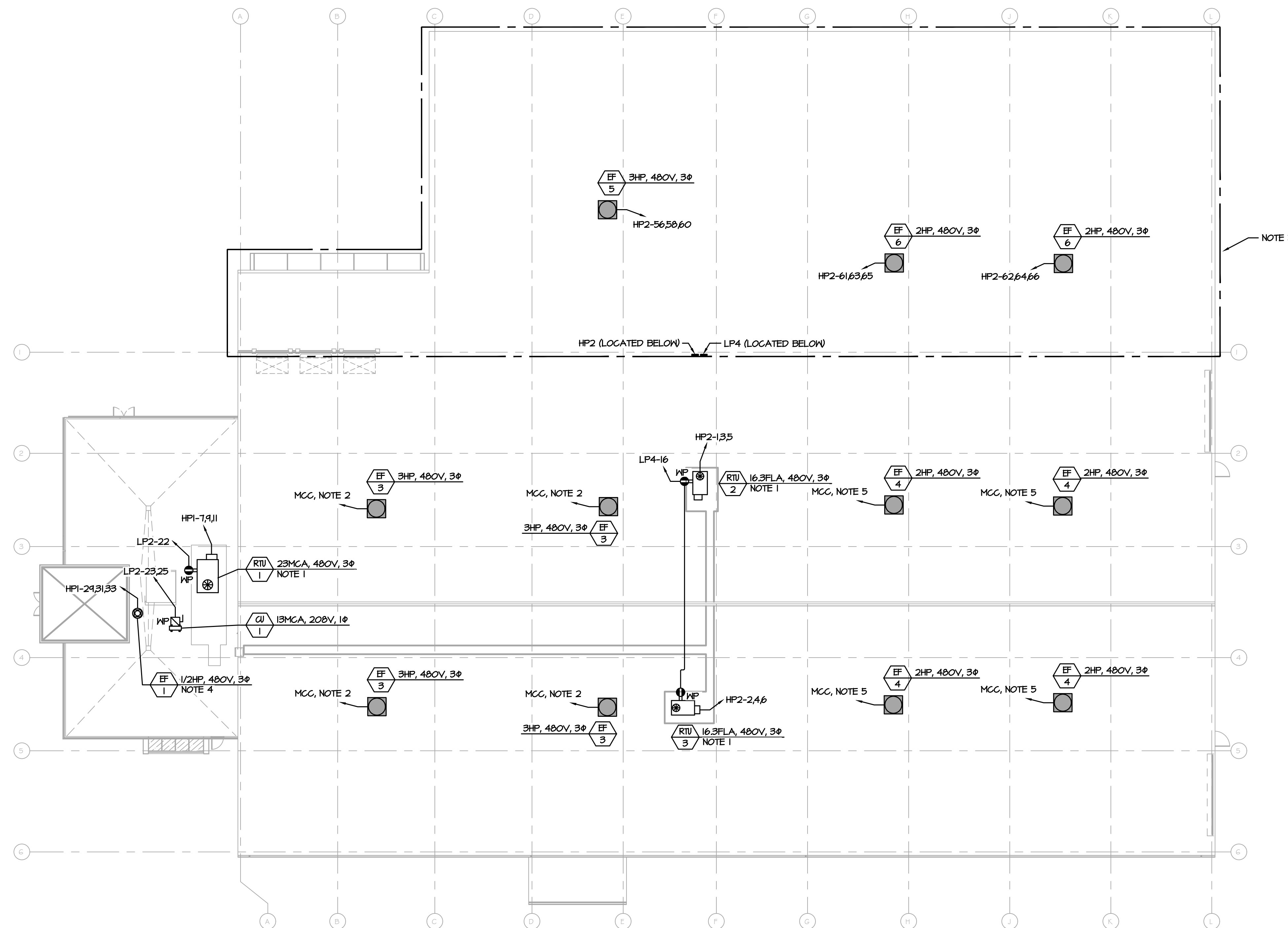
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PROPRIETARY DATA	DATE	SHEET SIZE:	D-24x36



NO.	DATE	BY	DATE	PROJ. No: 499-010	SCALE: SEE PLANS
A	7/30/21	RER	7/30/21		
REV	DESCRIPTION	BY	DATE	DWG. NO:	E-303
		RER	7/30/21	CAD FILE:	N:2021121003MEP21033 E-303.DWG
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1 ROOF PLAN - POWER  
E-304 SCALE: 1/16"=1'-0"

NOTES:

1. ROOFTOP UNITS (RTU-X) PROVIDED WITH FACTORY MOUNTED DISCONNECT SWITCH.
2. REUSE EXISTING BRANCH CIRCUIT FROM MOTOR CONTROL CENTER (MCC) TO SERVE REPLACEMENT EXHAUST FAN.
3. PROVIDE LIGHTNING PROTECTION SYSTEM FOR ADDITION AND ROOF MOUNTED EQUIPMENT PER SPECIFICATIONS.
4. EXHAUST FANS PROVIDED WITH DISCONNECT SWITCH.
5. REUSE EXISTING BRANCH CIRCUIT FROM MOTOR CONTROL CENTER (MCC) TO SERVE REPLACEMENT EXHAUST FAN. CHANGE TRIP SETTING TO 15A.

PROJECT

NORTH

KEY PLAN

AREA OF CONSTRUCTION

**STERLING**  
Sterling Environmental Engineering, P.C.

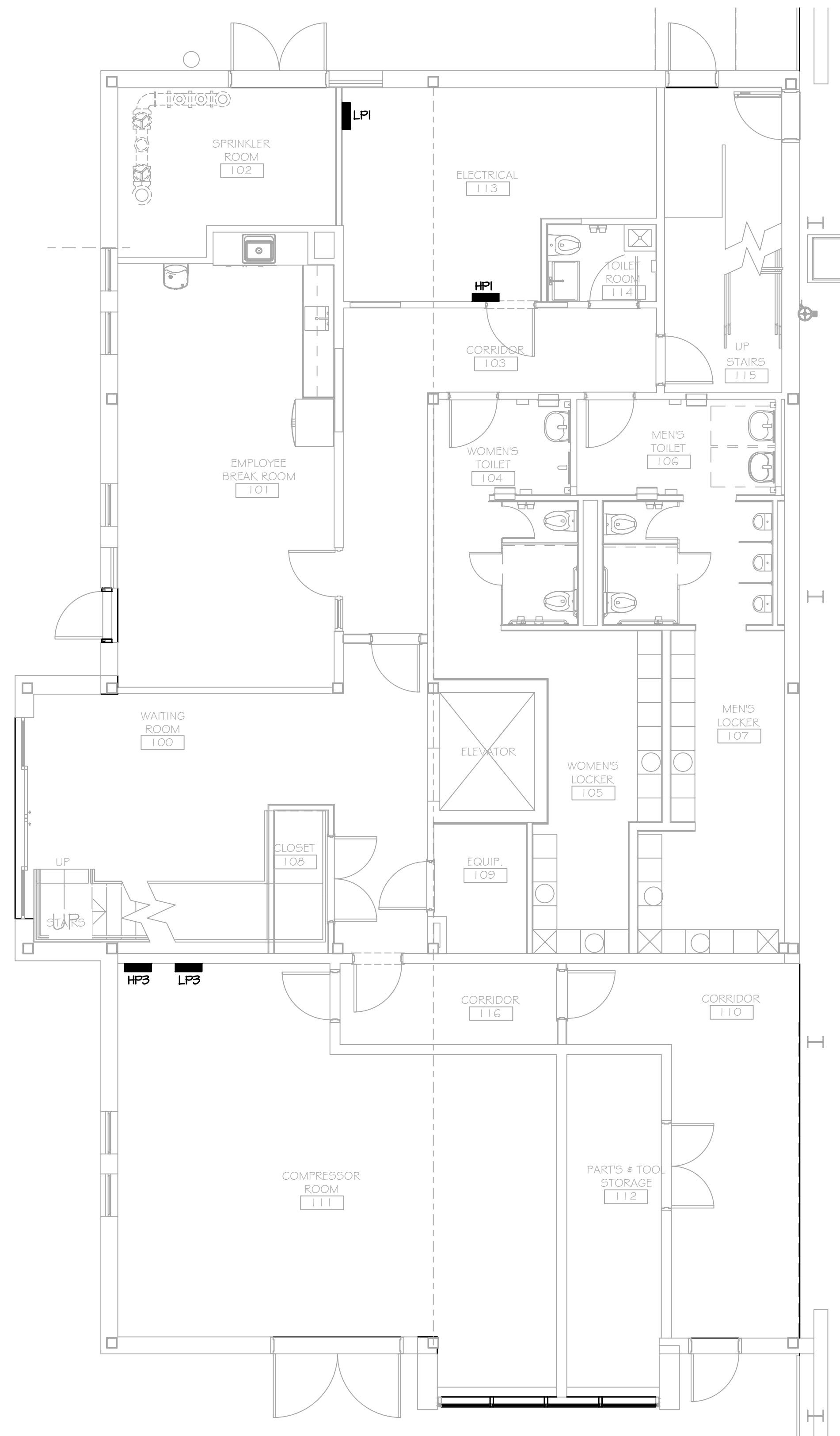
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185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
1-717-852-2000 | 1-717-852-0888 | www.mrope.com

ANDERSON DESIGN GROUP ARCHITECTURE PLANNING INTERIORS

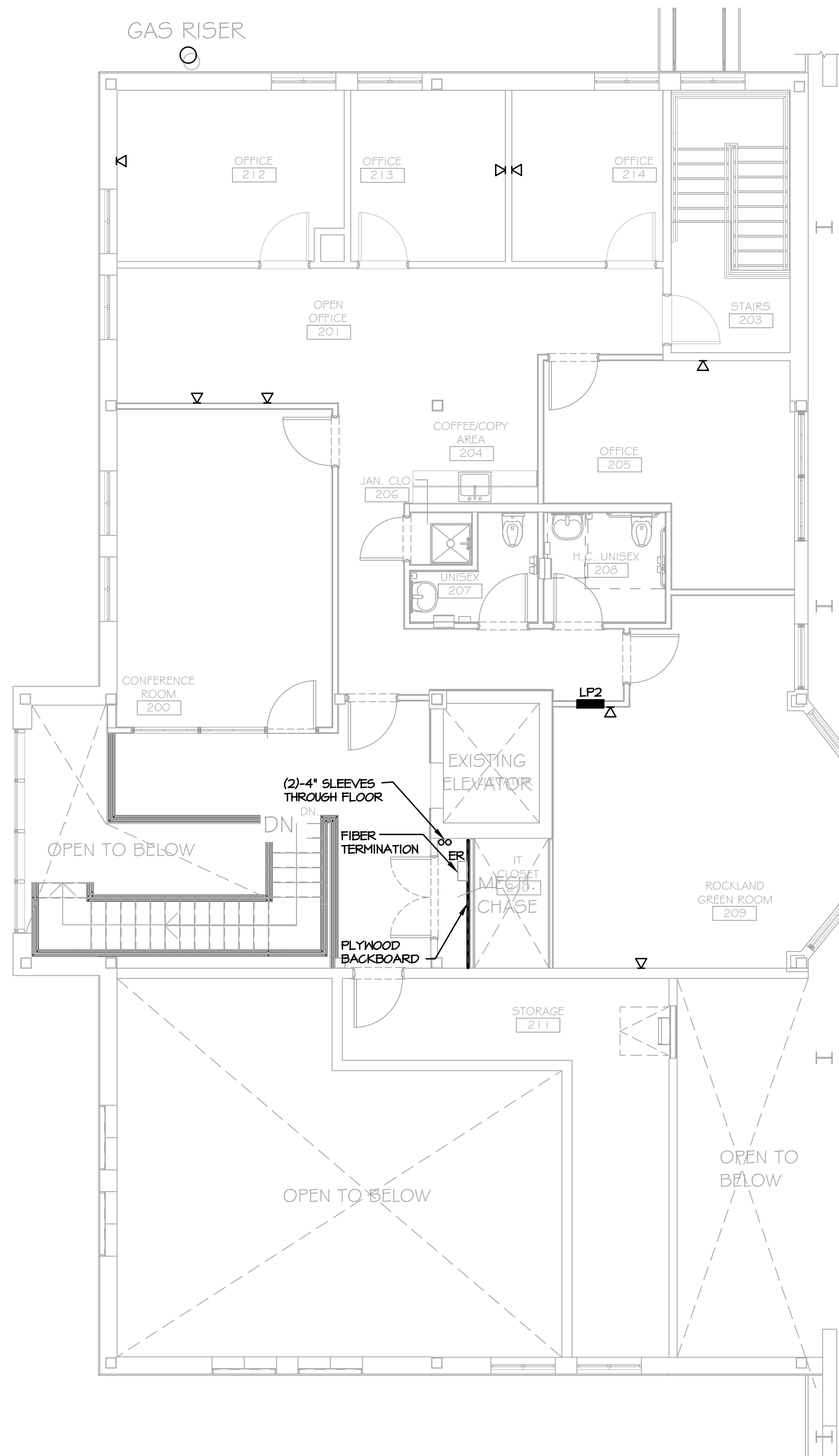


<p><b>RRT Engineering, LLC</b> An Affiliate of Enviro-Services &amp; Constructors, Inc. NY COA # 0017967</p>	
<p><b>ROCKLAND GREEN</b> MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS 420 TORNE VALLEY ROAD, HILLBURN, NY 10931</p>	
<p>ROOF PLAN - POWER</p>	
<p>ISSUED FOR RFP</p>	<p>7/30/21</p>
<p>REVISION</p>	<p>DATE</p>
<p>DESCRIPTION</p>	<p>BY CHK</p>
<p>PROPRIETARY DATA</p> <p>THIS DOCUMENT IS THE PROPERTY OF RRT ENGINEERING, LLC, AND IS CONFIDENTIAL INFORMATION. ANY REPRODUCTION OR UNAUTHORIZED USE WITHOUT WRITTEN CONSENT OF RRT ENGINEERING, LLC, WILL BE SUBJECT TO PROSECUTION.</p> <p>N.Y. P.E. LICENSE No. 083339</p> <p>UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW</p>	<p>PROJ. No: 499-010</p> <p>SCALE:</p>
<p>CHECKED</p> <p>DESIGNED</p> <p>APPROVED</p>	<p>BY</p> <p>DATE</p> <p>DWG. NO:</p> <p>CAD FILE: N:\2021\1003\MEP\21033 E-304.DWG</p> <p>SHEET SIZE: D-24x36</p>
<p>RRT Engineering, LLC</p> <p>1 Huntington Quadrangle, 3581 Melville, N.Y. 11747</p> <p>ph: 631-756-1060 fax: 631-756-1064</p>	<p>E-304</p> <p>A</p>

NOT FOR CONSTRUCTION



**1 PARTIAL FIRST FLOOR PLAN - SYSTEMS**  
E-401 SCALE: 3/16"=1'-0"



**2 PARTIAL SECOND FLOOR PLAN - SYSTEMS**  
E-401 SCALE: 3/16"=1'-0"

**NOTE:**

1. NEW FIRE ALARM SYSTEM IS A SEPARATE CONTRACT AND IS SHOWN ON A SEPARATE SET OF CONTRACT DOCUMENTS.

PROJECT 	
NORTH	KEY PLAN AREA OF CONSTRUCTION

**STERLING**  
Sterling Environmental Engineering, P.C.

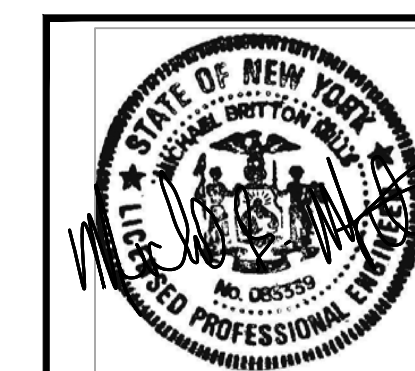
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**ANDERSON DESIGN GROUP**  
ARCHITECTURE  
PLANNING  
INTERIORS  
12 WALL LANE • MONTGOMERY • NY 10566  
WWW.ANDERSONDESIGN.COM

**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN  
MATERIALS RECOVERY FACILITY,  
FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

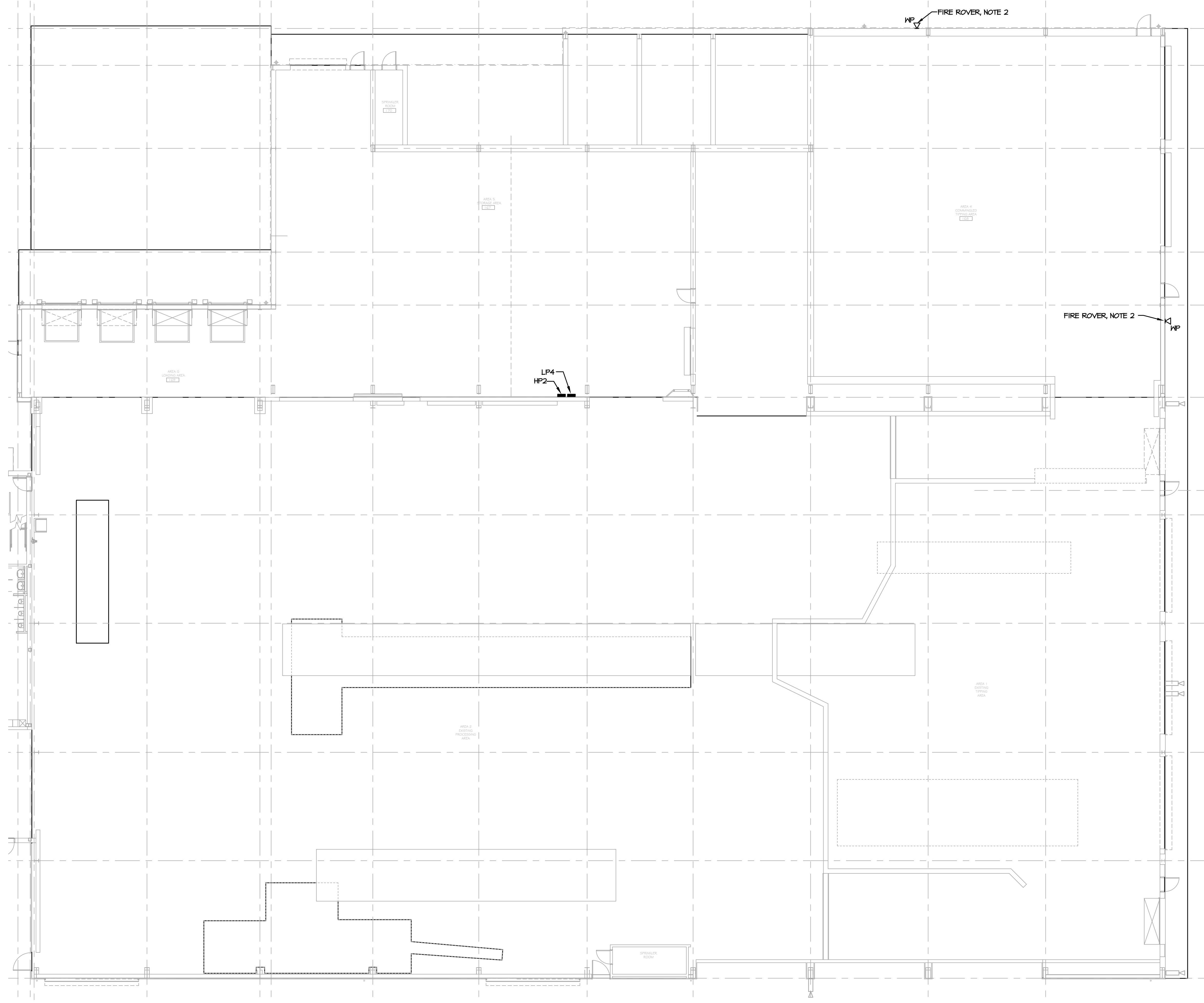
**PARTIAL FLOOR PLANS - SYSTEMS**



ISSUED FOR RFP	7/30/21	PROJ. No: 499-010	SCALE:
REVISION	DATE	DWG. NO:	E-401
DESCRIPTION	BY	CAD FILE:	N:2021121033MEP21033 E-401.DWG
PROPRIETARY DATA	DATE	SHEET SIZE:	D-24x36
CHECKED	BY	APPROVED	REV
DESIGNED	BY	APPROVED	REV
APPROVED	BY	APPROVED	REV

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Melville, N.Y. 11747  
ph: 631-756-1060  
fax: 631-756-1064

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**NOTES:**


1. NEW FIRE ALARM SYSTEM IS A SEPARATE CONTRACT AND IS SHOWN ON A SEPARATE SET OF CONTRACT DOCUMENTS.
2. PROVIDE ONE CAT 6 CABLE FROM OUTLET TO IT CLOSET 210.

**1 PARTIAL FIRST FLOOR PLAN - SYSTEMS**  
**E-402 SCALE: 3/32"=1'-0"**

**NOT FOR CONSTRUCTION**

<p><b>PROJECT</b></p>  <p><b>NORTH</b></p>		 <p><b>KEY PLAN</b>  AREA OF CONSTRUCTION</p>
 <p>Sterling Environmental Engineering, P.C.</p>		 <p>185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701          1-800-852-2000   1-717-852-0888   www.mrope.com</p>
 <p>ANDERSON DESIGN GROUP</p>	<p>ARCHITECTURE PLANNING INTERIORS</p> <p><small>12 WALL KILLIAN • MONTGOMERY • NY 12846          5150 JENKINS</small></p>	

 <p><b>RRT Engineering, LLC</b>          An Affiliate of Enviro-Services &amp; Constructors, Inc.          NY COA # 0017967</p>
--

 <p><b>ROCKLAND GREEN</b>          MATERIALS RECOVERY FACILITY,          FACILITY IMPROVEMENTS          420 TORNE VALLEY ROAD, HILLBURN, NY 10931</p>
--



REV	DESCRIPTION	DATE	BY	CHK
A	ISSUED FOR RFP	7/30/21	RE/RER	

N.Y. P.E. LICENSE No. 083339  
 UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW

**RRT Engineering, LLC**  
 1 Huntington Quadrangle, 3581  
 Melville, N.Y. 11747  
 ph: 631-756-1069  
 fax: 631-756-1064

CHECKED	BY	DATE	PROJ. No:	SCALE:
DESIGNED	RE/RER	7/30/21	499-010	
APPROVED	RE/RER	7/30/21	DWG. No:	E-402
			CAD FILE:	N:\2021\121033\MEP\21033 E-402.DWG
			SHEET SIZE:	D-24x36

**A**

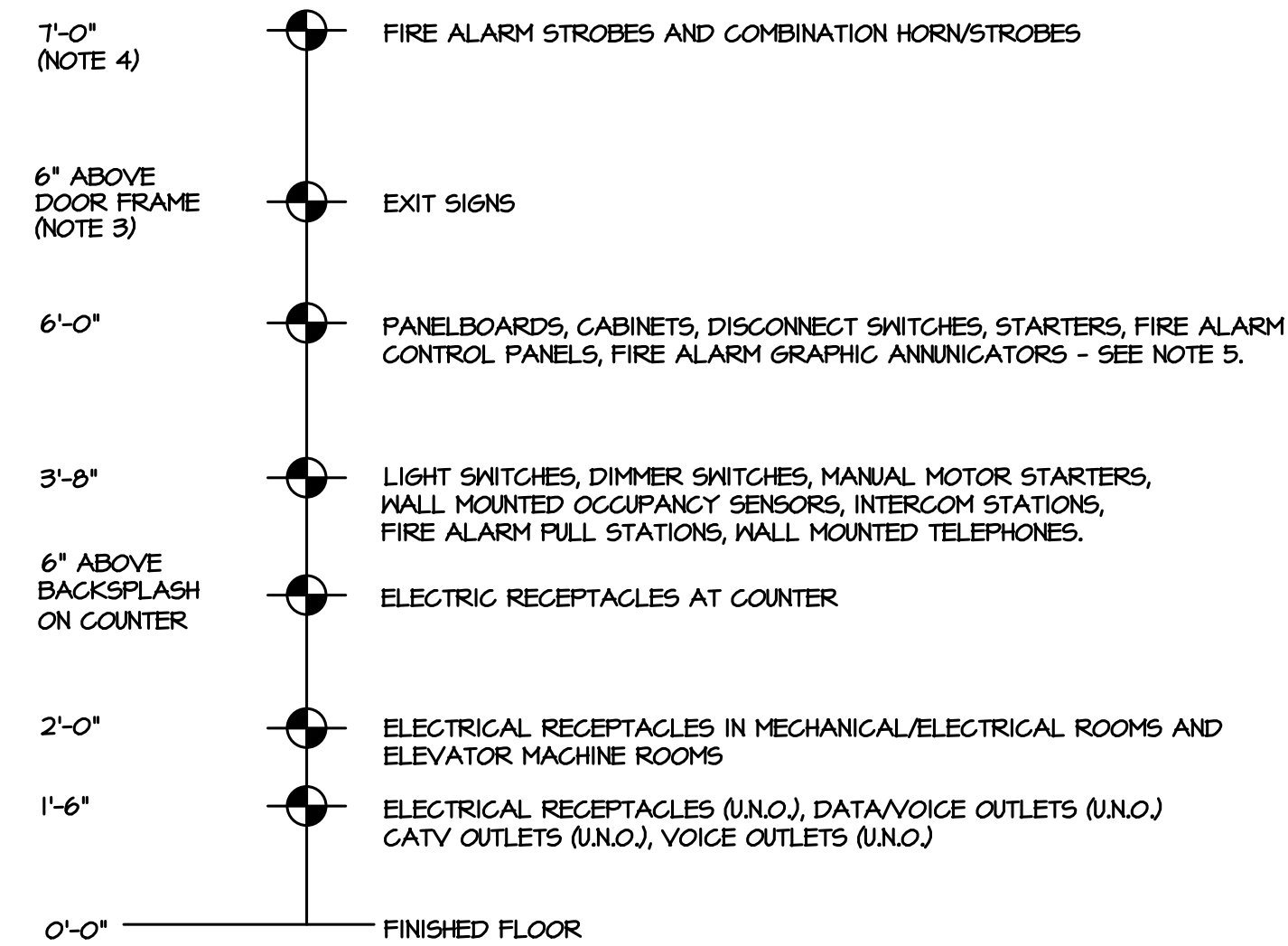
REV

# LIGHTING FIXTURE SCHEDULE

TAG	MANUFACTURER # CAT. NO.	WATTS	VOLTS	LAMP DATA	MOUNTING	COMMENTS
A	COLUMBIA SRP22-40VM-6-EDU	13	277	LED	RECESSED	2' X 2' FLAT PANEL
AE	COLUMBIA SRP22-40VM-6-EDU-ELL14	13	277	LED	RECESSED	2' X 2' FLAT PANEL WITH BATTERY PACK
AIE	COLUMBIA SRP22-40VM-6-EDU-ELL14	18	277	LED	RECESSED	2' X 2' FLAT PANEL WITH BATTERY PACK
A2	COLUMBIA SRP22-40LM-6-EDU	23	277	LED	RECESSED	2' X 2' FLAT PANEL
A2E	COLUMBIA SRP22-40LM-6-EDU-ELL14	23	277	LED	RECESSED	2' X 2' FLAT PANEL WITH BATTERY PACK
A3	COLUMBIA SRP22-40VL-6-EDU	41	277	LED	RECESSED	2' X 2' FLAT PANEL
A3E	COLUMBIA SRP22-40VL-6-EDU-ELL14	41	277	LED	RECESSED	2' X 2' FLAT PANEL WITH BATTERY PACK
A4	COLUMBIA SRP22-40ML-6-EDU	30	277	LED	RECESSED	2' X 2' FLAT PANEL
A5	COLUMBIA SRP22-40HL-6-EDU	33	277	LED	RECESSED	2' X 2' FLAT PANEL
B	COLUMBIA MPS4-40ML-CN-EU	40.1	277	LED	SUSPENDED	4' LINEAR, NOTE 5
BIE	COLUMBIA MPS4-40XM-CN-EU-ELL14	20	277	LED	SUSPENDED	4' LINEAR WITH BATTERY PACK, NOTE 5
B2	COLUMBIA MPS4-40ML-CN-EU	37.1	277	LED	SUSPENDED	4' LINEAR, NOTE 5
B2E	COLUMBIA MPS4-40ML-CN-EU-ELL14	37.1	277	LED	SUSPENDED	4' LINEAR WITH BATTERY PACK, NOTE 5
C	COLUMBIA LXEM4-40H-FAM-EDU	173	277	LED	SUSPENDED	4' LINEAR HIGH BAY, NOTE 6
CE	COLUMBIA LXEM4-40H-FAM-EDU-ELL14	173	277	LED	SUSPENDED	4' LINEAR HIGH BAY WITH BATTERY PACK, NOTE 6
D	COLUMBIA HBB4-40XM-SFA-EDU	18.6	277	LED	WALL	4' WALL BRACKET, NOTE 7
DI	COLUMBIA HBB2-40VM-SFA-EDU	11.9	277	LED	WALL	2' WALL BRACKET, NOTE 7
E	DUAL LITE EVEURNE	1.44	277	LED	UNIVERSAL	EXIT SIGN, NOTE 8
EI	DUAL LITE EVE4XRNE	1.94	277	LED	UNIVERSAL	WEATHERPROOF EXIT SIGN, NOTE 8
F	LSI IHB4 LED 9L DA UNV DIM 40	61	277	LED	SUSPENDED	4' INDUSTRIAL LINEAR HIGH BAY, NOTE 9
FE	LSI IHB4 LED 9L DA UNV DIM 40 EM	61	277	LED	SUSPENDED	4' INDUSTRIAL LINEAR HIGH BAY WITH BATTERY PACK, NOTE 9
GE	HUBBELL LNC2-4L-4K-070-3-I-XX-EH	21	277	LED	WALL	WALLPACK WITH BATTERY PACK, NOTE 10
H	HUBBELL LNC4-44L-4K-105-3-U-XXX	170	277	LED	WALL	WALLPACK, NOTE 10
I	LSI T2XFL LED 40L H UNV DIM 40	267	277	LED	WALL	FLOODLIGHT, NOTE 10
SL	COLUMBIA LXEM4-40HL-RFP-EDU	47.4	277	LED	SURFACE	4' VAPORTIGHT, NOTE 11
TL	LITHONIA JEBL 18L 40K 80CRI WH	136	277	LED	SUSPENDED	HIGH BAY

## LIGHTING FIXTURE SCHEDULE NOTES:

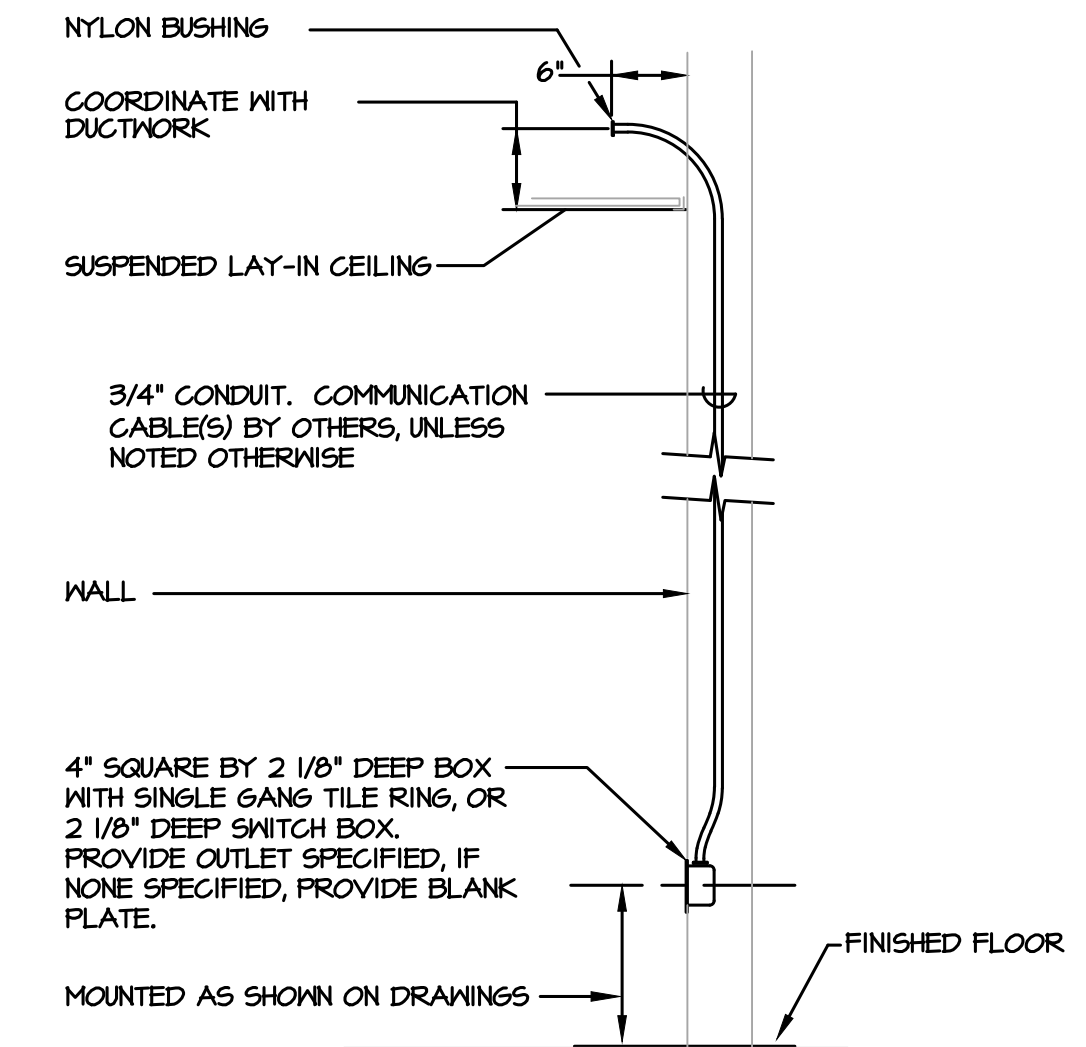
- ALL LIGHTING FIXTURES SHALL BE SUPPORTED FROM BUILDING STRUCTURE INDEPENDENTLY FROM CEILING SYSTEM. DOWNLIGHTS SHALL HAVE (1) ONE SUPPORT, 1x4, 2x2 AND 2x4 SHALL HAVE (2) TWO SUPPORTS.
- CONTRACTOR SHALL REVIEW ARCHITECTURAL REFLECTED CEILING PLAN FOR CEILING FINISHES. ADDITIONAL SUPPORTING/PLASTER TRIM SHALL BE PROVIDED AS REQUIRED.
- ALL EXIT LIGHTS, BATTERY PACKS AND EXTERIOR LIGHTING FIXTURES SHALL BE CONNECTED AHEAD OF LOCAL SWITCHING.
- LIGHTING FIXTURE WITH AN 'E' AT THE END OF THE FIXTURE TYPE SHALL BE THE SAME AS THE DESIGNATED LIGHTING FIXTURE, EXCEPT IT SHALL BE PROVIDED WITH AN EMERGENCY BATTERY PACK.
- PROVIDE CHAIN HANGER ASSEMBLY (CHC) FOR LIGHTING FIXTURE TYPES 'B', 'B1' AND 'B2'.
- COORDINATE ELEVATIONS AND LAYOUT WITH PROCESSING EQUIPMENT.
- MOUNT TYPE 'D' AND 'DI' LIGHTING FIXTURES DIRECTLY ABOVE MIRROR.
- TYPE 'E' AND 'EI' EXIT SIGN MOUNTING TYPE SHOWN ON LIGHTING PLANS. PROVIDE CHEVRONS AS SHOWN ON LIGHTING PLANS.
- COORDINATE MOUNTING HEIGHT AND LOCATIONS WITH COMPRESSED AIR SYSTEM EQUIPMENT.
- FINISH SELECTED BY ARCHITECT.
- WALL OR CEILING MOUNTED AS INDICATED ON LIGHTING PLAN.



## NOTES:

- ALL EQUIPMENT MOUNTING HEIGHTS ARE TO CENTER OF EQUIPMENT/DEVICE UNLESS OTHERWISE NOTED. LIGHT FIXTURES MOUNTING HEIGHTS ARE TO BOTTOM OF FIXTURE HOUSING.
- MOUNTING HEIGHT OF ALL DEVICES SHALL CONFORM WITH THE AMERICANS WITH DISABILITIES ACT (ADA).
- WHERE SPACE DOES NOT EXIST ABOVE DOOR FRAME MOUNT ADJACENT TO DOOR AT CEILING LINE.
- MOUNT STROBES AT A HEIGHT SUCH THAT THE BOTTOM OF THE STROBE IS NOT LESS THAN 80" AND NO GREATER THAN 96" ABOVE THE FINISHED FLOOR. THE TOP OF THE LENS SHOULD BE AT LEAST 6" FROM THE FINISHED CEILING. FOR LOW CEILINGS WHERE MOUNTING HEIGHTS CAN NOT BE MET, MOUNT THE STROBE SO THAT THE TOP OF THE LENS IS 6" FROM THE FINISHED CEILING.
- THE OPERATING HANDLE OF A SWITCH OR CIRCUIT BREAKER IN ITS HIGHEST POSITION SHALL NOT BE MORE THAN 6'-7".

## 1 MOUNTING HEIGHT SCHEDULE E-501 SCALE: NO SCALE



## NOTE:

- FLEXIBLE METAL RACEWAY MAY BE USED IN EXISTING WALLS THAT ARE NOT ACCESSIBLE.

## 2 DATA/VOICE OUTLET INSTALLATION DETAIL E-501 SCALE: NO SCALE

**PROJECT**

**STERLING**  
Sterling Environmental Engineering, P.C.

**martinrogers**  
ENGINEERING CONSULTANTS  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
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NY COA # 0017967

**ROCKLAND GREEN**  
MATERIALS RECOVERY FACILITY,  
FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**SCHEDULES AND DETAILS**

A	ISSUED FOR RFP	7/30/21	
REV	DESCRIPTION	DATE	BY

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DRAWN: RER	DATE: 7/30/21	PROJ. No: 499-010	SCALE:
CHECKED: RER	DATE: 7/30/21	DWG. NO: E-501	A
DESIGNED: RER	DATE: 7/30/21	CAD FILE: N:2021121003MEP21033 E-501.DWG	REV
APPROVED:		SHEET SIZE: D-24x36	

NOT FOR CONSTRUCTION



DESCRIPTION		VOLTAGE												MAINS							
PANEL	LP1	120/208 VOLTS, 3 PHASE, 4 WIRE												BUS 225 AMPS	RATING 22000 AIC						
LOCATION	ELECTRICAL IIB	AVAILABLE FAULT CURRENT												AIC	<input type="checkbox"/> LUGS ONLY <input checked="" type="checkbox"/> MCB 225 AMPS						
FED FROM	M25B-2	ENCLOSURE												<input type="checkbox"/> SUBFEED LUGS	<input type="checkbox"/> FEED THRU LUGS						
FEEDER SIZE	4M/0, 1M/6, 2 1/2" / 2"	<input checked="" type="checkbox"/> SURFACE MOUNT <input type="checkbox"/> FLUSH MOUNT												<input type="checkbox"/> TOP FEED	<input type="checkbox"/> BOTTOM FEED						
MISC.																					
GR. NO.	EQUIPMENT SERVED	CONDUCTOR	COND. SIZE	BREAKER	LOAD KVA	PHASE	NEUT.	GRD.	COND.	AMPS	POLES	PHASE	NEUT.	GRD.	COND.	EQUIPMENT SERVED	GR. NO.				
1	RECEPTACLES	12	12	3/4	20	1				1.1	A	1.2			20	1	12	12	3/4	RECEPTACLE	2
3	RECEPTACLE	12	12	3/4	20	1				1.2	B				20	1	12	12	3/4	RECEPTACLES	4
5	MICROWAVE	12	12	3/4	20	1				1.5	C				20	1	12	12	3/4	MICROWAVE	6
7	MICROWAVE	12	12	3/4	20	1				1.5	A	0.6			20	1	12	12	3/4	REFRIGERATOR	8
9	VENDING	12	12	3/4	20	1				1.2	B				20	1	12	12	3/4	VENDING	10
11	RECEPTACLE	12	12	3/4	20	1				1.2	C				20	1	12	12	3/4	RECEPTACLE	12
13	RECEPTACLES	12	12	3/4	20	1				0.5	A	0.4			20	1	12	12	3/4	RECEPTACLES	14
15	RECEPTACLES	12	12	3/4	20	1				0.7	B				15	1	12	12	3/4	WATER HEATER (NH-1)	16
17	SPACE	-	-	-	-	-				-	-	-			-	-	-	-	-	WATER COOLER	18
19	EXISTING SENEER PUMP	12	-	3/4	20	2				0.4	A	0.6			20	1	12	12	3/4	EXISTING AUTOMATIC DOOR	20
21										0.4	B				20	1	12	12	3/4	FACT	22
23	ELEVATOR CAR LIGHTS	12	12	3/4	20	1				1.0	C				20	1	12	12	3/4	RECEPTACLES	24
25	ELEVATOR	12	-	3/4	20	3				0.8	A	0.6			20	1	12	12	3/4	BMS CONTROL PANEL	26
27										0.8	B				20	1	12	12	3/4	EXHAUST FAN CONTROL PANEL	28
29										0.8	C				20	1	12	12	3/4	FOOD WASTE DISPOSER	30
31	ATC PANEL	12	12	3/4	20	1				0.6	A	0.2			20	1	12	12	3/4	ELEVATOR PIT RECEPTACLE	32
33	EF-2	12	12	3/4	15	1				0.1	B				20	2	12	-	3/4	EXISTING DRY SYSTEM AIR COMPRESSOR	34
35	EXISTING EF	12	12	3/4	15	1				0.2	C				20	1	12	12	3/4	EXISTING DRY SYSTEM AIR COMPRESSOR	36
37	SPACE	-	-	-	-	-				-	-	-			-	-	-	-	-	SPACE	38
39	SPACE	-	-	-	-	-				-	-	-			-	-	-	-	-	SPACE	40
41	SPACE	-	-	-	-	-				-	-	-			-	-	-	-	-	SPACE	42
43	SPACE	-	-	-	-	-				-	-	-			-	-	-	-	-	SPACE	44
45	SPACE	-	-	-	-	-				-	-	-			-	-	-	-	-	SPACE	46
47	SPACE	-	-	-	-	-				-	-	-			-	-	-	-	-	SPACE	48
49	SPACE	-	-	-	-	-				-	-	-			-	-	-	-	-	SPACE	50
51	SPACE	-	-	-	-	-				-	-	-			-	-	-	-	-	SPACE	52
53	SPACE	-	-	-	-	-				-	-	-			-	-	-	-	-	SPACE	54
55	SPACE	-	-	-	-	-				-	-	-			-	-	-	-	-	SPACE	56
57	SPACE	-	-	-	-	-				-	-	-			-	-	-	-	-	SPACE	58
59	SPACE	-	-	-	-	-				-	-	-			-	-	-	-	-	SPACE	60
61	SPACE	-	-	-	-	-				-	-	-			-	-	-	-	-	SPACE	62
63	SPACE	-	-	-	-	-				-	-	-			-	-	-	-	-	SPACE	64
65	SPACE	-	-	-	-	-				-	-	-			-	-	-	-	-	SPACE	66
67	LP2	4	4	8	1/4	3				6.8	A	-			-	-	-	-	-	SPACE	68
69										6.1	B	-			-	-	-	-	-	SPACE	70
71										6.1	C	-			-	-	-	-	-	SPACE	72

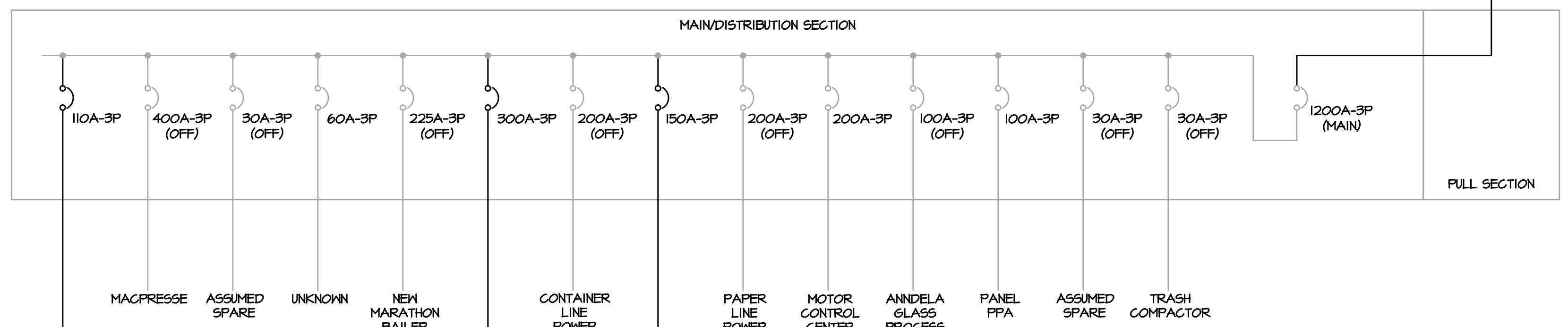
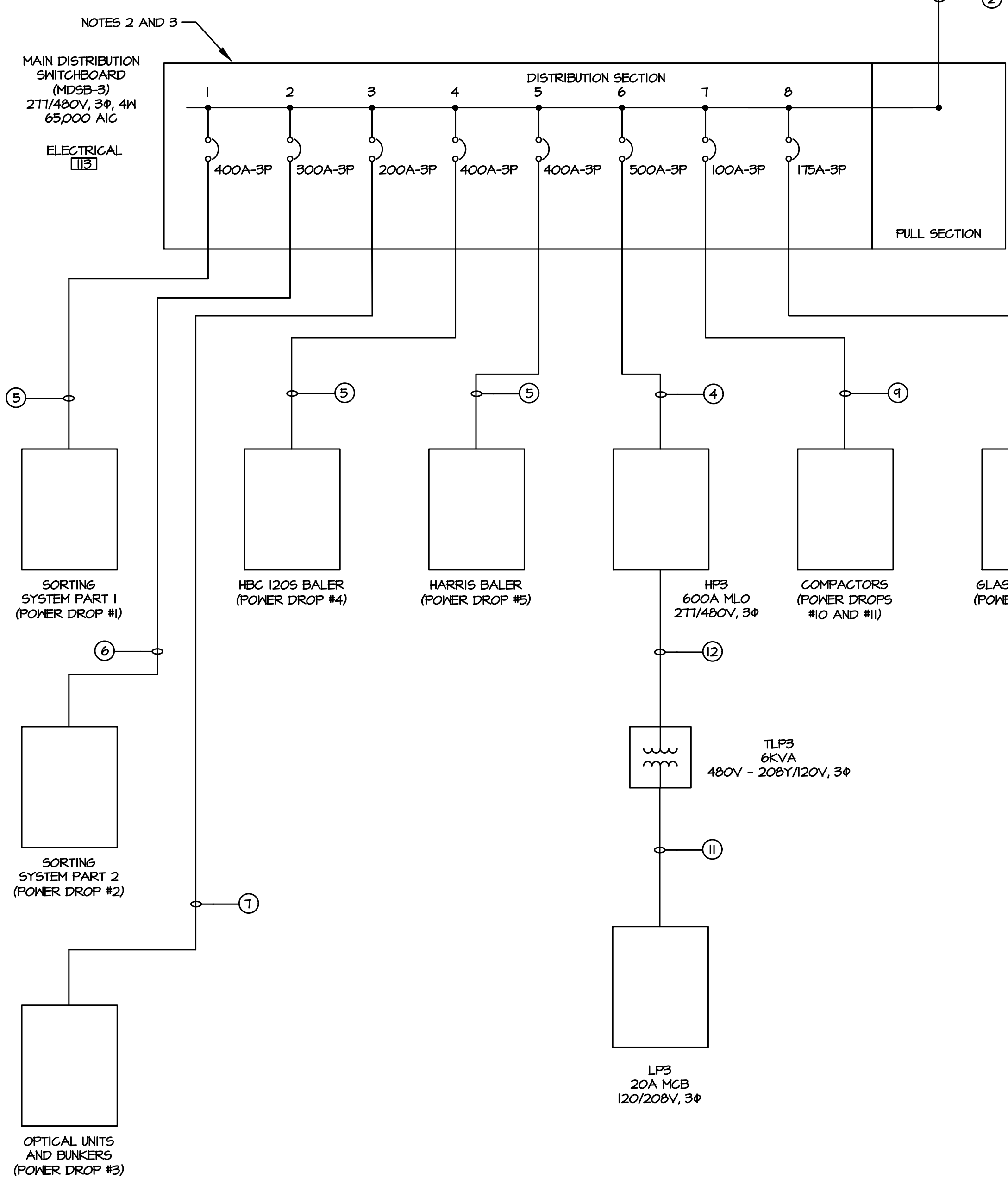
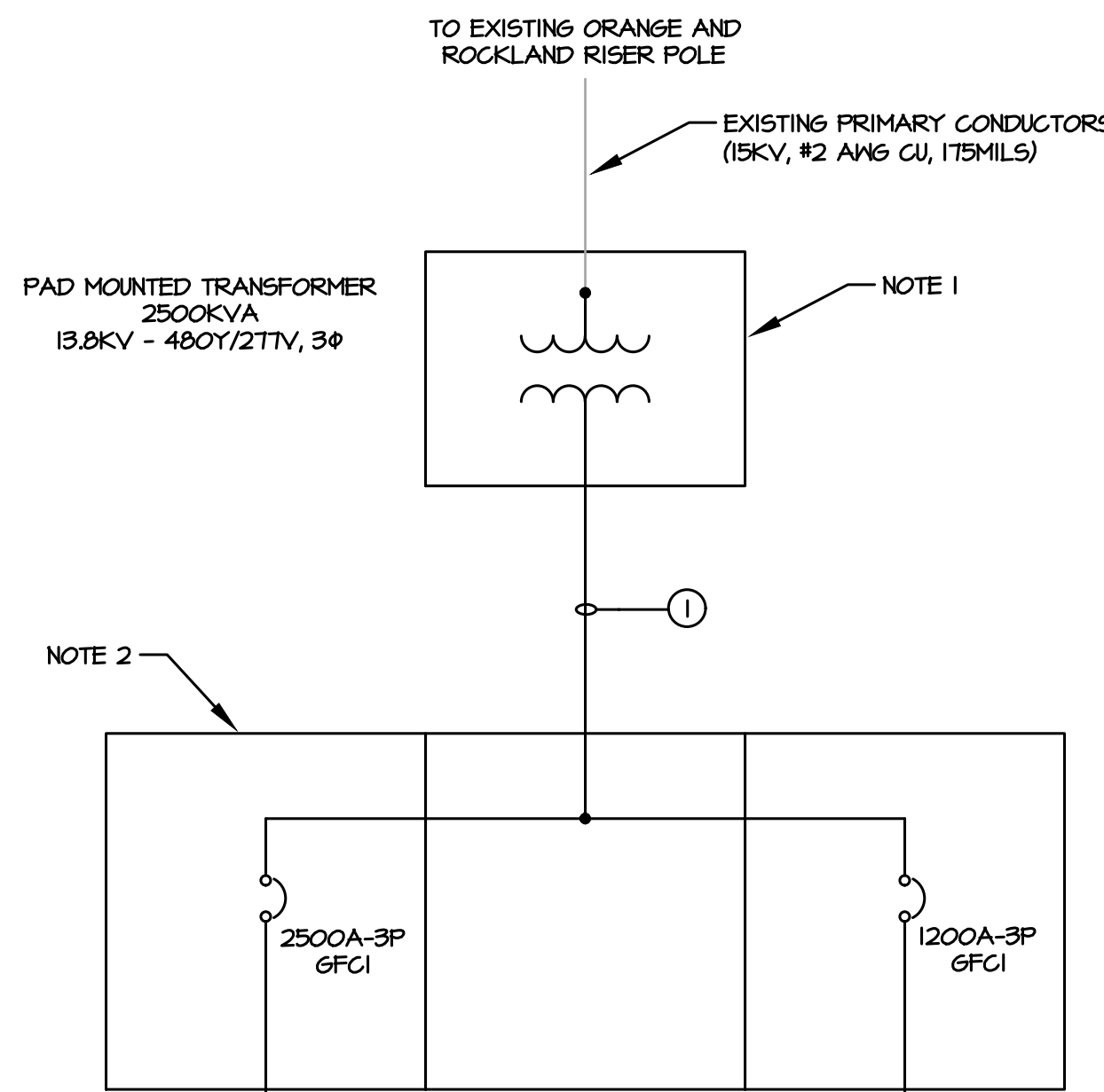
DESCRIPTION		VOLTAGE												MAINS							
PANEL	LP2	120/208 VOLTS, 3 PHASE, 4 WIRE												BUS 100 AMPS	RATING 22000 AIC						
LOCATION	CORRIDOR	AVAILABLE FAULT CURRENT												AIC	<input type="checkbox"/> LUGS ONLY <input type="checkbox"/> MCB ___ AMPS						
FED FROM	LP1	ENCLOSURE												<input type="checkbox"/> SUBFEED LUGS	<input type="checkbox"/> FEED THRU LUGS						
FEEDER SIZE	4M, 1M/6, 1 1/4" / 1 1/4"	<input type="checkbox"/> SURFACE MOUNT <input checked="" type="checkbox"/> FLUSH MOUNT												<input type="checkbox"/> TOP FEED	<input type="checkbox"/> BOTTOM FEED						
MISC.																					
GR. NO.	EQUIPMENT SERVED	CONDUCTOR	COND. SIZE	BREAKER	LOAD KVA	PHASE	NEUT.	GRD.	COND.	AMPS	POLES	PHASE	NEUT.	GRD.	COND.	EQUIPMENT SERVED	GR. NO.				
1	RECEPTACLES	12	12	3/4	20	1				0.7	A	0.7			20	1	12	12	3/4	RECEPTACLES	2
3	RECEPTACLES	12	12	3/4	20	1				0.7	B				20	1	12	12	3/4	COPIER	4
5	RECEPTACLE	12	12	3/4	20	1				1.2	C				20	1	12	12	3/4	RECEPTACLE	6
7	RECEPTACLES	12	12	3/4	20	1				0.7	A	0.5			20	1	12	12	3/4	RECEPTACLES	8
9	REFRIGERATOR	12	12	3/4	20	1				0.6	B				20	1	12	12	3/4	RECEPTACLES	10
11	RECEPTACLES	12	12	3/4	20	1				0.7	C				20	1	12	12	3/4	RECEPTACLES	12
13	RECEPTACLES	12	12	3/4	20	1				0.9	A	0.6			20	1	12	12	3/4	UNDERCOUNTER REFRIGERATOR	14
15	I. T. RECEPTACLES	12	12	3/4	20	1				1.2	B				20	1	12	12	3/4	RECEPTACLES	16
17	RECEPTACLES	12	12	3/4	20	1				0.7	C				20	1	12	12	3/4	RECEPTACLES	18
19	RECEPTACLES	12	12	3/4	20	1				0.7	A	0.7			20	1	12	12	3/4	RECEPTACLES	20
21	RECEPTACLES	12	12	3/4	20	1				0.5	B				20	1	12	12	3/4	ROOFTOP RECEPTACLE	22
23	QU-IAC-1	12	-	3/4	15	2				1.3	C				-	-	-	-	-	SPACE	24
25										1.3	A	-			-	-	-	-	-	SPACE	26
27	SPACE	-	-	-	-	-				-	-	-			-	-	-	-	-	SPACE	28
29	SPACE	-	-	-	-	-				-	-	-			-	-	-	-	-	SPACE	30
31	SPACE	-	-	-	-	-				-	-	-			-	-	-	-	-	SPACE	32
33	SPACE	-	-	-	-	-				-	-	-			-	-	-	-	-	SPACE	34
35	SPACE	-	-	-	-	-				-	-	-			-	-	-	-	-	SPACE	36
37	SPACE	-	-	-	-	-				-	-	-			-	-	-	-	-	SPACE	38
39	SPACE	-	-	-	-	-				-	-	-			-	-	-	-	-	SPACE	40
41	SPACE	-	-	-	-	-				-	-	-			-	-	-	-	-	SPACE	42

DESCRIPTION		VOLTAGE												MAINS							
PANEL	LP3	120/208 VOLTS, 3 PHASE, 4 WIRE												BUS 60 AMPS	RATING 10000 AIC						
LOCATION	COMPRESSOR ROOM III	AVAILABLE FAULT CURRENT												AIC	<input type="checkbox"/> LUGS ONLY <input checked="" type="checkbox"/> MCB 20 AMPS						
FED FROM	LP3	ENCLOSURE												<input type="checkbox"/> SUBFEED LUGS	<input type="checkbox"/> FEED THRU LUGS						
FEEDER SIZE	4M/2, 1M/26, 3/4" / 3/4"	<input checked="" type="checkbox"/> SURFACE MOUNT <input type="checkbox"/> FLUSH MOUNT												<input type="checkbox"/> TOP FEED	<input type="checkbox"/> BOTTOM FEED						
MISC.																					
GR. NO.	EQUIPMENT SERVED	CONDUCTOR	COND. SIZE	BREAKER	LOAD KVA	PHASE	NEUT.	GRD.	COND.	AMPS	POLES	PHASE	NEUT.	GRD.	COND.	EQUIPMENT SERVED	GR. NO.				
1	DRYER	12	12	3/4	15	1				0.6	A	1.1			20	1	12	12	3/4	RECEPTACLES	2
3	CONTROLLER	12	12	3/4	15	1				0.6	B				15	1	12	12	3/4	PREFILTER	4
5	CHARGING VALVE	12	12	3/4	15	1				0.6	C				15	1	12	12	3/4	LOUVERS	6
7	SPACE	-	-	-	-	-				-	-	-			-	-	-	-	-	SPACE	8
9	SPACE	-	-	-	-	-				-	-	-			-	-	-	-	-	SPACE	10
11	SPACE	-	-	-	-	-				-	-	-			-	-	-	-	-	SPACE	12
13	SPACE	-	-	-	-	-				-	-	-			-	-	-	-	-	SPACE	14
15	SPACE	-	-	-	-	-				-	-	-			-	-	-	-	-	SPACE	16
17	SPACE	-	-	-	-	-				-	-	-			-	-	-	-	-	SPACE	18

DESCRIPTION		VOLTAGE												MAINS	
PANEL	LP4	120/208 VOLTS, 3 PHASE, 4 WIRE												BUS 225 AMPS	RATING 22000 AIC
LOCATION	AREA 5 STORAGE AREA 167	AVAILABLE FAULT CURRENT												AIC	<input type="checkbox"/> LUGS ONLY <input checked="" type="checkbox"/> MCB 225 AMPS
FED FROM	HP2	ENCLOSURE												<input type="checkbox"/> SUBFEED LUGS	<input type="checkbox"/> FEED THRU LUGS
FEEDER SIZE	4M/0, 1M/6, 2 1/2" / 2"	<input checked="" type="checkbox"/> SURFACE MOUNT <input type="checkbox"/> FLUSH MOUNT												<input type="checkbox"/> TOP FEED	<input type="checkbox"/> BOTTOM FEED
MISC.															

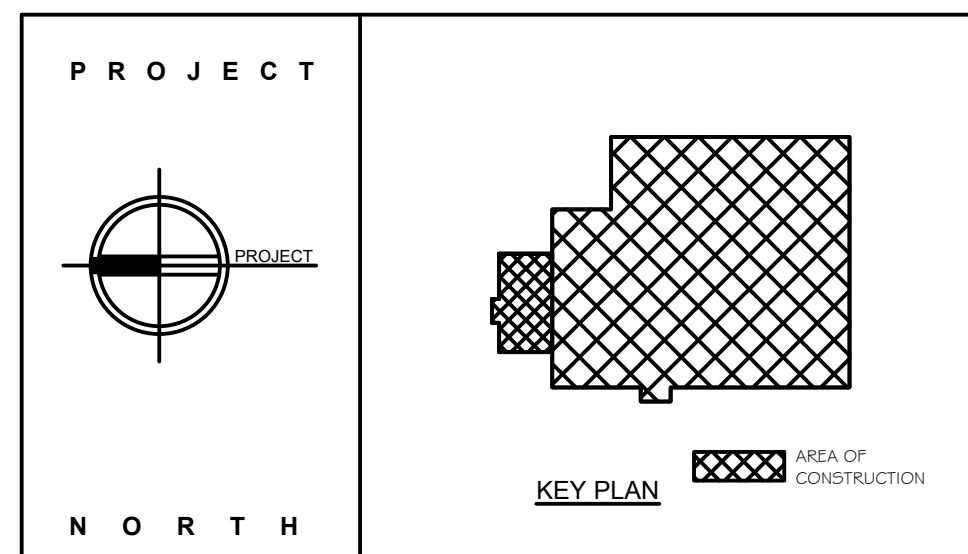
### FEEDER SCHEDULE

TAG	RATING	CONDUIT AND CONDUCTORS
①	3000A	10 PARALLEL RUNS OF 3" (8 ACTIVE AND 2 SPARE) WITH 4#500KCMIL IN EACH ACTIVE CONDUIT
②	2500A	7 PARALLEL RUNS OF 3" WITH 4#500KCMIL AND 1#350KCMIL GROUND IN EACH
③	1200A	4 PARALLEL RUNS OF 3" WITH 4#350KCMIL AND 1#3" O GROUND IN EACH
④	500A	2 PARALLEL RUNS OF 2 1/2" WITH 4#250KCMIL AND 1#2" GROUND IN EACH
⑤	400A	3#500KCMIL, 1#36, 3" C
⑥	300A	3#350KCMIL, 1#46, 2 1/2" C
⑦	200A	3#3" O, 1#66, 2" C
⑧	175A	3#2" O, 1#66, 1 1/2" C
⑨	100A	3#1, 1#86, 1 1/4" C
⑩	150A	4#1" O, 1#66, 1 1/2" C
⑪	20A	4#12, 1#126, 3/4" C
⑫	15A	3#12, 1#126, 3/4" C
⑬	70A	4#4, 1#86, 1 1/4" C
⑭	225A	4#4" O, 1#46, 2 1/2" C
⑮	110A	3#1, 1#66, 1 1/4" C
⑯	300A	4#350KCMIL, 1#46, 2 1/2" C



### NOTES:

- REFER TO CIVIL SITE PLAN FOR LOCATION OF EXISTING PAD MOUNTED TRANSFORMER. REMOVE EXISTING PAD MOUNTED TRANSFORMER AND CONCRETE PAD. PRIMARY CONDUITS AND CONDUCTORS SHALL REMAIN AND BE REUSED. SECONDARY CONDUITS AND CONDUCTORS SHALL BE REMOVED FROM PAD MOUNTED TRANSFORMER TO EXISTING MAIN DISTRIBUTION SWITCHBOARD (MDSB-2). PROVIDE NEW MANHOLE FOR NEW PAD MOUNTED TRANSFORMER.
- CIRCUIT BREAKERS IN MDSB-1 AND MDSB-3 SHALL BE ELECTRONIC, 100% RATED.
- PROVIDE SPACE IN MDSB-3 FOR A MINIMUM OF FOUR FUTURE 400A-3P FRAME CIRCUIT BREAKERS.



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**RRT Engineering, LLC**  
An Affiliate of Enviro-Services & Constructors, Inc.  
NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931



REV	DESCRIPTION	DATE	BY	CHK
A	ISSUED FOR RFP	7/30/21		
			REVISIONER	
			DATE	
			BY	CHK

DRAWN	BY	DATE	PROJ. No.	SCALE:
CHECKED	RER	7/30/21	499-010	
DESIGNED	RER	7/30/21		
APPROVED	RER	7/30/21		
APPROVED				

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW  
N.Y. P.E. LICENSE No. 083339  
RRT Engineering, LLC  
1 Huntington Quadrangle, 3581  
Melville, N.Y. 11747  
ph: 631-756-1060  
fax: 631-756-1064

## 1 ONE LINE DIAGRAM E-504 SCALE: NO SCALE

NOT FOR CONSTRUCTION

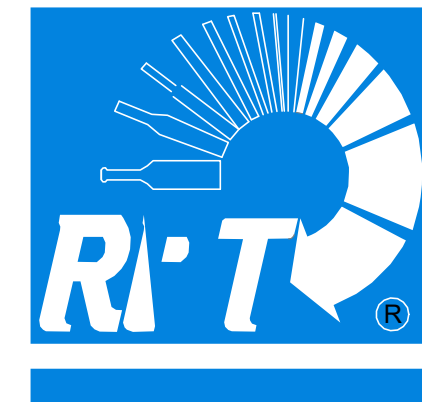
DWG. NO:	E-504	REV	A
CAD FILE:	N:\2021\121033\MEP\21033 E-504.DWG		
SHEET SIZE:	D-24x36		

# ROCKLAND GREEN MRF FACILITY IMPROVEMENTS

## CONTRACT 6 - FIRE PROTECTION

### 420 TORNE VALLEY ROAD HILLBURN NY 10931

CONSTRUCTION NOTES NOTE: NOT ALL NOTES MAY BE USED ON THIS DRAWING



**RRT Engineering, LLC**  
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CIVIL ENGINEER:

OWNER:

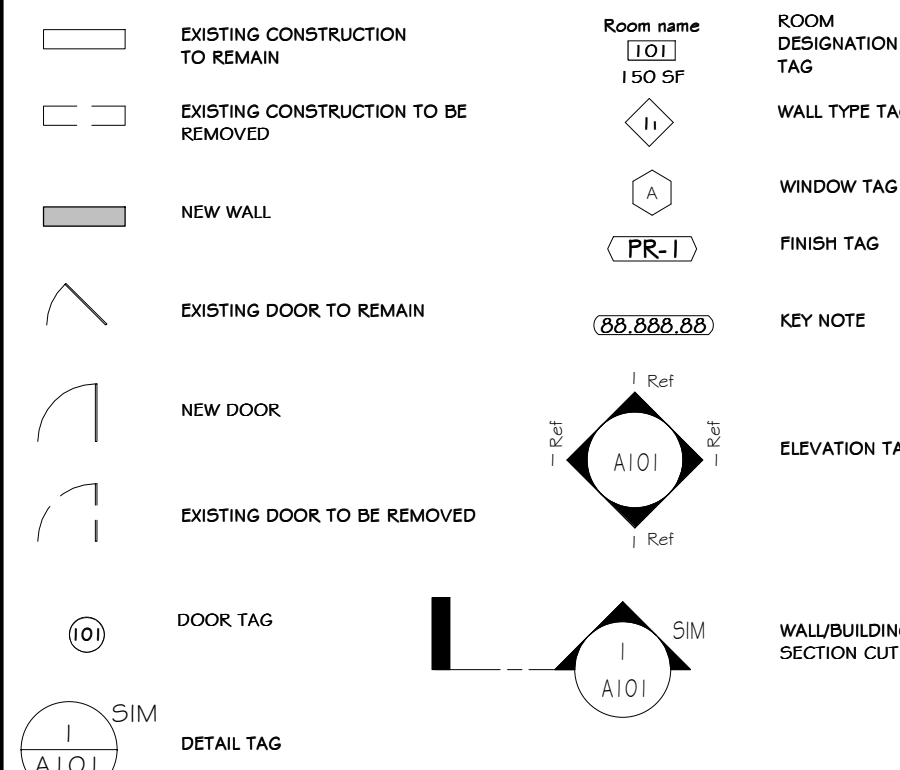
OWNER ENGINEER:

ARCHITECT:

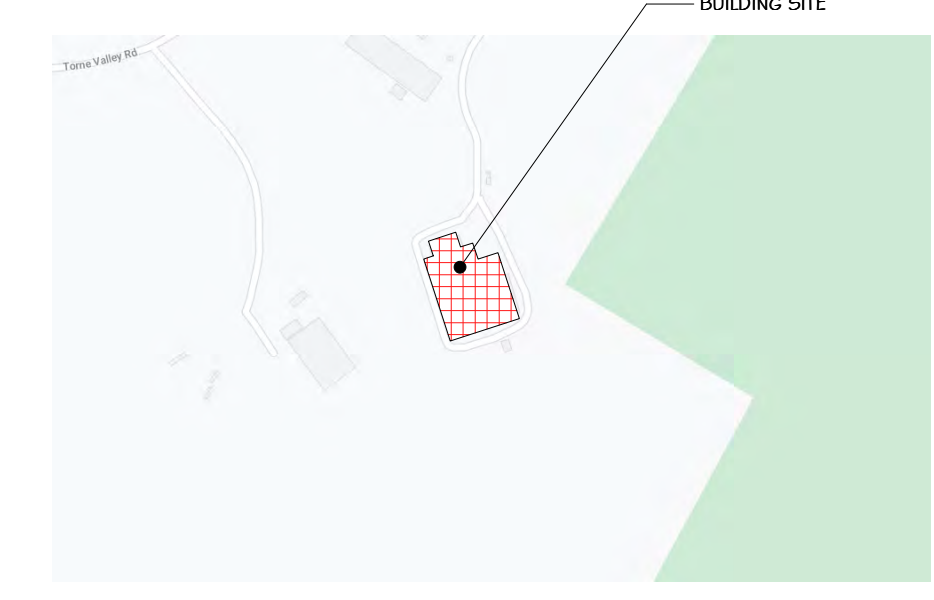
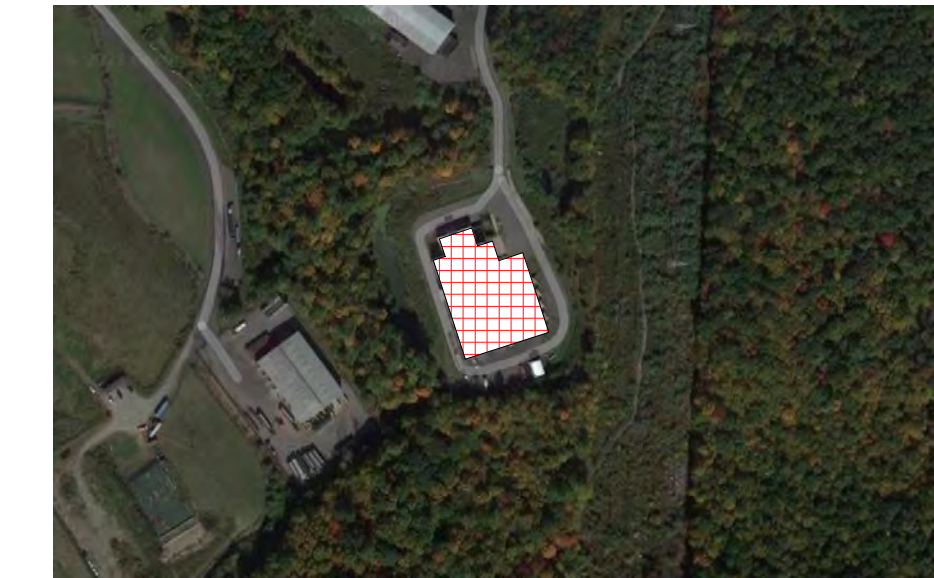
MECHANICAL, ELECTRICAL AND PLUMBING ENGINEER:

ROCKLAND GREEN FACILITY IMPROVEMENTS PHASING NOTE

- Rockland Green is soliciting proposals for the construction of improvements to its existing Materials Recovery Facility (MRF), as further detailed in the Drawings and Specifications. These Facility Improvements include, but are not limited to, a building addition, site work, interior demolition work, interior build-out work, electric service upgrades and reworked mechanical, plumbing, electrical, fire sprinkler and fire alarm systems to accommodate a new state-of-the-art dual stream recyclables processing system supplied and installed under Contract No. 1 - Processing Equipment.
- The Facility Improvements are being procured through separate contracts as follows:
  - Contract No. 1 - Facility Improvements: General Construction
  - Contract No. 2 - Facility Improvements: Mechanical/HVAC
  - Contract No. 3 - Facility Improvements: Plumbing
  - Contract No. 4 - Facility Improvements: Electrical
  - Contract No. 5 - Facility Improvements: Fire Protection System
- The building has been divided into the following area designations:
  - Area 1 - Existing Tipping Area.
  - Area 2 - Existing Processing Area.
  - Area 3 - Existing Administration Area.
  - Area 4 - New Commingled Tipping Area.
  - Area 5 - New Storage & Glaze Processing Area.
  - Area 6 - New Truck Loading Dock Area.
- Work shall commence on the exterior and in the Areas 1 and 2 for its Substantial Completion to be achieved prior to the start of delivery and installation of the Dual Stream Recyclables Processing System. It shall include all Work as defined in the Contract Drawings, Specifications, and RFP Appendices. It shall also include all rough-in associated with Mechanical, Electrical, Plumbing, and Fire Protection Equipment. All final connections of Mechanical, Electrical, Plumbing and Fire Protection (including equipment fire sprinkler system) in Areas 1 and 2 shall be completed prior to the start-up of processing equipment.
- Work in Area 3 shall be sequenced to allow efficient access and use of existing space for Contractors on-site as approved by the Engineer and shall the Contractors for Contract Nos. 2-6 shall achieve Substantial Completion prior to the required date for the Operator to mobilize on-site and have partial occupancy and use of Area 3. Additionally, any Work by Contract Nos. 1 and 3-6 related to all other Areas 1, 2, 4-6 and the site work/interior shall progress and be completed to support and not delay the overall Project Schedule.
- Contract Nos. 2-6 Work in Areas 4 - 6 shall be sequenced by each applicable Contractor to make most use and access of working space where the building erection is complete, so the work of Contract No. 1 can proceed efficiently. All work to be coordinated between the Contractors.

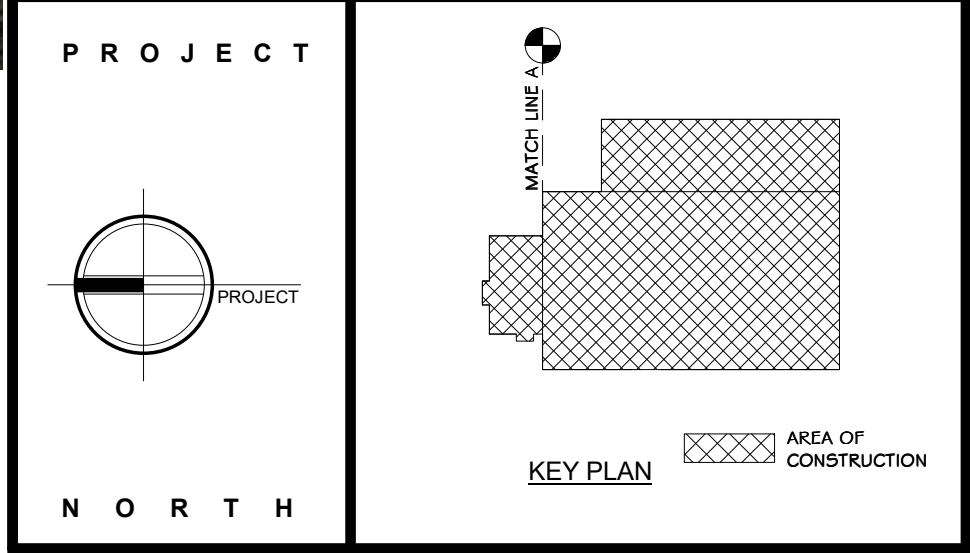


SHT.	SHEET TITLE	DRAWING DATE	100% CONSTRUCTION DOCUMENT	REVISION HISTORY			CURRENT REVISION		
				DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
<b>FIRE PROTECTION</b>									
FP-000	TITLE SHEET - FIRE PROTECTION	07/30/21	100%						No
FP-001	LEGEND, NOTES AND DRAWING SCHEDULE	07/30/21	100%						No
FP-101	PARTIAL FIRST FLOOR PLAN - FIRE PROTECTION	07/30/21	100%						No
FP-102	PARTIAL SECOND FLOOR PLAN - FIRE PROTECTION	07/30/21	100%						No
FP-103	PARTIAL FIRST FLOOR PLAN - FIRE PROTECTION	07/30/21	100%						No
FP-301	ENLARGED FLOOR PLANS - FIRE PROTECTION	07/30/21	100%						No
<b>FIRE ALARM</b>									
FA-000	LEGEND, NOTES AND DRAWING SCHEDULE	07/30/21	100%						No
FA-101	PARTIAL FLOOR PLANS - DEMOLITION	07/30/21	100%						No
FA-102	PARTIAL FIRST FLOOR PLAN - DEMOLITION	07/30/21	100%						No
FA-401	PARTIAL FLOOR PLANS - FIRE ALARM	07/30/21	100%						No
FA-402	PARTIAL FIRST FLOOR PLAN - FIRE ALARM	07/30/21	100%						No
FA-501	DETAILS AND RISERS	07/30/21	100%						No



**ABBREVIATIONS:**

AB.	ANCHOR BOLT	MAT.	MATERIAL
A.C.T.	ACOUSTICAL CEILING TILE	MECH.	MECHANICAL
A.F.F.	ABOVE FINISH FLOOR	MIN.	MINIMUM
APPR.	APPROXIMATE	MIRROK	MISCELLANEOUS
ARCH.	ARCHITECT	MISC.	MISCELLANEOUS
BSMT.	BASEMENT	MTL.	METAL
BM	BEAM	NOM.	NOMINAL
BO	BOUND	N.T.S.	NOT TO SCALE
BOT.	BOTTOM	O.C.	ON CENTER
BLDG.	BUILDING	O.H.	OVERHEAD
CAB.	CABINET	PD.	PAINTED
CLG.	CEILING	P.L.	PLASTIC LAMINATE
C.T.	CERAMIC TILE	PL	PLATE
CR.	CIRCLE	PL	PLATE
COL.	COLUMN	P.F.S.F.	FOUND PER SQ. FOOT
C.J.	CONTROL JOINT	P.S.I.	POUNDS PER SQ. INCH.
CORR.	CORRIDOR	PREFAB	PREFABRICATED
D.L.	DEAD LOAD	P.P.T.	PRESSURE TREATED (WOOD)
DTL.	DETAIL	RAD.	RADIUS
DIAM.	DIAMETER	RAIL	RAILING
D.M.	DIMENSION	REF.	REFRIGERATOR
D.W.	DISHWASHER	REINP.	REINFORCE(ED), (ING)
D.S.	DOUBLE HUNG	REV.	REVISION, (E), (ED)
DWG.	DRAWING	RFG.	ROOFING
ELEC.	ELECTRICAL	RM.	ROOM
ELEV.	ELEVATION	SEC.	SECTION
EQ.	EQUAL	SHING.	SHEDDING
EXIST.	EXISTING	SHT.	SHEET
EXT.	EXTERIOR	SIM	SIMILAR
E.I.F.S.	EXTERIOR INSULATED FINISH SYSTEM	S.C.	SOLID CORE
FIN.	FINISH	SPEC.	SPECIFICATION
F.F.	FIREPLACE	SO.	SQUARE
FLR.	FLOOR	STD.	STANDARD
F.D.	FLOOR DRAIN	STR.	STRUCTURAL
FTG.	FOOTING	THK.	THICKNESS
FND.	FOUNDATION	THR.	THRESHOLD
FUR.	FURRED	T&G	TONGUE AND GROOVE
G.C.	GENERAL CONTRACTOR	T.O.C.	TOP OF CONCRETE
GL.	GLASS, GLAZING	T.O.B.	TOP OF BEAM
G.Y.B.	Gypsum BOARD	T.O.F.	TOP OF FOUNDATION
HDW.	HARDWARE	T.O.P.	TOP OF PLATE
HDR.	HEADER	TR.	TREAD
HTG.	HEATING	TR.	TYPICAL
HVAC	HEATING/VENTILATION/AIR CONDITIONING	UNF.	UNFINISHED
HGT.	HIGHT	U.D.N.	UNLESS OTHERWISE NOTED
HORZ.	HORIZONTAL	V.B.	VAPOR BARRIER
HS.	HOSE BIBB	VERT.	VERTICAL
INS.	INSULATED, (ION)	W.C.	WATER CLOSET
JO.	JOINT	W.F.	WATER PROOFING
JST.	JOIST	WR.	WATER RESISTANT
KIT	KITCHEN	WWF.	WELDED WIRE FABRIC
LA.	LAVATORY	WN.	WINDOW
LI.	LIGHT	WO.	WITHOUT
L.L.	LIVE LOAD	WO.	WOOD
MFR.	MANUFACTURER		
MAS.	MASONRY		



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INTERIORS

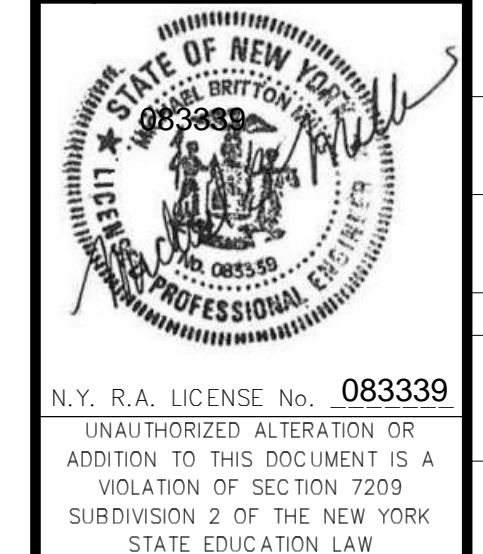
**RRT Engineering, LLC**  
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NY COA # 0017967

**Rockland Green**

ROCKLAND GREEN MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**TITLE SHEET\_FIRE PROTECTION**

BY	DATE	PROJ. No: 499-010	SCALE: AS SHOWN
DRAWN	IDA 07/09/21		
CHECKED	07/09/21	DWG. NO: FP-000	A
DESIGNED	07/09/21	CAD FILE:	
APPROVED	07/09/21	SHEET SIZE: D-24x36	REV



REV	DESCRIPTION	DATE	BY	CHKD
A	ISSUED FOR RFP	07-30-21	IDA	



ELECTRICAL LEGEND	
LIGHTING AND CONTROLS	
'X'	INDICATES FIXTURES TYPE
	STRIP LIGHT
	WALL MOUNTED FIXTURE
	PENDANT MOUNTED FIXTURE
	SURFACE MOUNTED FIXTURE
	RECESSED FIXTURE
	FIXTURE ON NORMAL / EMERGENCY CIRCUIT
	RECESSED WALL WASHER
	FIXTURE ON EMERGENCY ONLY CIRCUIT
	SURFACE FLUORESCENT FIXTURE
	RECESSED FLUORESCENT FIXTURE
	FLUORESCENT FIXTURE ON NORMAL/EMERGENCY CIRCUIT
	TRACK LIGHTING
	EMERGENCY UNIT REMOTE HEAD
	EMERGENCY BATTERY UNIT, # OF HEADS AS INDICATED
	EXIT SIGN
	EXTERIOR POST MOUNT FIXTURE
	EXTERIOR LIGHTING BOLLARD
	EXTERIOR GROUND MOUNTED FIXTURE
	PHOTOCELL
	TIME CLOCK
	MANUAL MOTOR START, WITH OVERLOADS
	SINGLE POLE SWITCH
	DUAL LEVEL SWITCHING
	THREE WAY SWITCH
	FOUR WAY SWITCH
	WALL BOX DIMMER SWITCH
	CEILING MOUNTED OCCUPANCY SENSOR, 'H' INDICATES WALL MOUNT
	WALL BOX OCCUPANCY SENSOR (SINGLE RELAY)
	WALL BOX OCCUPANCY SENSOR (DUAL RELAY)
	KEY OPERATED SWITCH
	SWITCH WITH PILOT LIGHT
	SWITCH WITH TIMER
FIRE ALARM/RESCUE ASSISTANCE	
	FIRE ALARM CONTROL PANEL
	FIRE ALARM ANNUNCIATOR PANEL
	FIRE ALARM HORN/STROBE
	FIRE ALARM STROBE
	FIRE ALARM STROBE (CEILING)
	FIRE ALARM SPEAKER/STROBE
	FIRE ALARM SPEAKER, STROBE, CHIME
	FIRE ALARM HORN
	FIRE ALARM SPEAKER ONLY
	FIRE ALARM PULL STATION
	SMOKE DETECTOR
	SMOKE DETECTOR WITH CO DETECTION
	DUCT DETECTOR
	HEAT DETECTOR 'RR' INDICATES RATE OF RISE
	HEAT DETECTOR WITH CO DETECTION
	SMOKE DETECTOR WITH ELEVATOR RECALL ON AUXILIARY CONTACTS
	SMOKE DAMPER
	REMOTE ALARM LAMP
	DOOR HOLDER
	INDIVIDUAL ADDRESSABLE MODULE
	ZONE ADAPTER MODULE
	END OF LINE RESISTOR
	TAMPER SWITCH
	FLOW SWITCH
	PRESSURE SWITCH
	RESCUE ASSIST CONTROL PANEL
	RESCUE ASSIST STATION
	RESCUE ASSIST SIGN

POWER	
	BLANK OUTLET
	GROMMETED OUTLET
	JUNCTION BOX
	EXHAUST FAN
	MOTOR
	NON FUSED DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH
	MOTOR STARTER
	COMBINATION MOTOR STARTER/DISCONNECT SWITCH
	CONTACTOR
	AUTOMATIC TRANSFER SWITCH
	PANELBOARD
	NORMAL/EMERGENCY PANEL BOARD
	AUTOMATIC TEMP. CONTROL PANEL WITH TELEPHONE/DATA BY ELECTRICAL CONTRACTOR
	ELECTRIC SERVICE METER
	AREA PROTECTION PANEL
	TRANSFORMER
	THREE POSITION SWITCH
	SINGLE RECEPTACLE
	DUPLEX RECEPTACLE 'H' INDICATES HORIZONTAL MOUNTING
	DUPLEX RECEPTACLE TOP HALF SWITCHED
	DUPLEX RECEPTACLE WITH GROUND FAULT
	DUPLEX RECEPTACLE ON NORMAL/EMERGENCY CIRCUIT
	DUPLEX RECEPTACLE WITH TRANSIENT VOLTAGE SURGE SUPPRESSION
	DUPLEX RECEPTACLE AT 6'-0" A.F.F. FOR TELEVISION
	TAMPER RESISTANT DUPLEX RECEPTACLE
	QUAD RECEPTACLE (DOUBLE DUPLEX)
	AUDIO SYSTEM CONTROL JACK
	SPECIAL POWER OUTLET
	TWIST LOCK RECEPTACLE
	DUPLEX RECEPTACLE WITH ISOLATED GROUND
	DUPLEX RECEPTACLE ON EMERGENCY WITH GROUND FAULT
	SURFACE RACEWAY 'SC' SINGLE CHANNEL, 'DC' DOUBLE CHANNEL, 'TC' THREE CHANNEL
	POWER POLE
	CIRCUIT BREAKER
	CABLE TRAY
	ELECTRIC BASEBOARD
	MUSHROOM HEAD EMERGENCY OFF SWITCH
	PUSH BUTTON
	SOLENOID VALVE
	PULL BOX, SIZE AS REQUIRED BY NEC
	ENCLOSED CIRCUIT BREAKER
	FLOOR BOX, NUMBER INDICATES TYPE
SECURITY	
	CLOSED CIRCUIT TV CAMERA
	KEYPAD
	DOOR CONTACT
	SECURITY SYSTEM CONTROL PANEL
	CLOSED CIRCUIT TV MONITOR
	CARD ACCESS SYSTEM CONTROL PANEL
	PASSIVE INFRARED MOTION SENSOR
	EMERGENCY CALL BUTTON
	DOOR RELEASE
	CARD READER
	ELECTRIC STRIKE
	DOOR BELL
	GLASS BREAK SENSOR

NOTE : THIS IS A GENERAL ELECTRICAL LEGEND ALL SYMBOLS MAY NOT APPEAR ON THE PLANS. SEE PLANS FOR ACTUAL SYMBOLS USED.

MISCELLANEOUS	
	UNIT VENTILATOR
	ELECTRIC RESISTANCE HEAT
	UNIT HEATER
	VAV BOX
	VARIABLE FREQUENCY DRIVE
	MOTORIZED LOUVER
	THERMOSTAT
	MAN HOLE
	HAND HOLE
	PAD MOUNTED TRANSFORMER
	WATER HEATER
	UTILITY POLE
	EQUIPMENT TAG
COMMUNICATIONS	
	DATA OUTLET AT 10' AFF
	DATA/TEL. OUTLET IN FLUSH FLOOR BOX
	WALL VOICE OUTLET
	VOICE OUTLET AT 10' AFF
	VOICE/DATA OUTLET AT 10' AFF
	CEILING SPEAKER
	VOLUME CONTROL
	MICROPHONE OUTLET 'H' INDICATES HANGING
	CLOCK/SPEAKER
	CLOCK 'H' INDICATES WIRE GUARD
	INTERCOM STATION
	INTERCOM STATION WALL MOUNT SPEAKER, 'HP' INDICATES HEATHER PROOF
	AUDIO SYSTEM CONTROL JACK
	TELEVISION OUTLET AT 10' A.F.F.
	TELEVISION OUTLET HIGH / LOW LOCATIONS
	TELEVISION OUTLET HIGH LOCATION
	DIMMING SYSTEM CONTROL JACK
	3/4" PAINTED PLYWOOD BACKBOARD
WIRING	
	DUAL LEVEL SWITCHING
	HOME RUN
	EMERGENCY WIRING
	NORMAL/EMERGENCY WIRING
	CRITICAL/NORMAL/EMERGENCY WIRING
	CONDUIT RUN CONCEALED IN WALL OR CEILING, U.O.N.
	UNDERGROUND UTILITIES
	EXTERIOR BELOW GRADE CONDUIT
	CONDUIT TURNING UP
	CONDUIT TURNING DOWN
	CONDUIT STUB TERMINATE WITH BUSHING OR CAP
	GROUND

Fire Alarm Drawing Schedule		
FA-001	LEGEND, NOTES AND DRAWING SCHEDULE	●
FA-101	PARTIAL FLOOR PLANS - DEMOLITION	●
FA-102	PARTIAL FLOOR PLAN - DEMOLITION	●
FA-401	PARTIAL FLOOR PLANS - FIRE ALARM	●
FA-402	PARTIAL FIRST FLOOR PLAN - FIRE ALARM	●
FA-501	DETAILS AND RISERS	●

ISSUED FOR RFP 07-09-2021

**GENERAL NOTES:**

- THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH THE LATEST RULES AND REGULATIONS OF THE NATIONAL ELECTRIC CODE, ALL NFPA CODES, THE RULES SET FORTH BY THE OWNER AND ALL OTHER NATIONAL, STATE OR MUNICIPAL CODES APPLICABLE TO THE PROJECT.
- ALL WORK FURNISHED UNDER THE CONTRACT SHALL BE GUARANTEED AGAINST ANY AND ALL DEFECTS IN WORKMANSHIP AND/OR MATERIALS FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE OF THE INSTALLATION. ANY DEFECTS OF WORKMANSHIP DEVELOPING DURING THIS PERIOD SHALL BE REMEDIED AND ANY DEFECTIVE MATERIAL REPLACED WITHOUT ADDITIONAL COST.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND APPROVALS NECESSARY FOR THE COMPLETION OF THIS PROJECT.
- THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE LOCATIONS OF ALL ELECTRICAL EQUIPMENT WITH THE EQUIPMENT OF OTHER TRADES AND BUILDING CONSTRUCTION.
- WHERE APPLICABLE (RENOVATION PROJECTS), REMOVE AND REINSTALL ALL EXISTING DEVICES WITHIN AREAS OF WORK AS NECESSARY TO ACCOMMODATE NEW FINISHES. PROVIDE BOX EXTENSIONS / RELOCATIONS AS REQUIRED. COORDINATE FINISHES WITH ARCHITECTURAL PLANS. VERIFY QUANTITY OF DEVICES IN FIELD.
- THE ELECTRICAL CONTRACTOR SHALL RUN SEPARATE NEUTRAL CONDUCTORS FOR EACH CIRCUIT. SHARED NEUTRALS ARE NOT ACCEPTABLE.
- ALL NEW DEVICES/CONDUIT/WIRING SHALL BE CONCEALED IN WALLS IN FINISHED AREAS.
- ALL PANELBOARD DIRECTORIES AFFECTED BY THE PROJECT SCOPE SHALL BE UPDATED UPON COMPLETION OF PROJECT.
- THE ELECTRICAL CONTRACTOR SHALL LABEL ALL RECEPTACLE PLATES WITH PANEL AND CIRCUIT NUMBERS ON THE BACK OF PLATE. IF OWNER REQUESTS LABEL TO BE ON FRONT OF PLATE, CLEAR LABEL WITH TYPED BLACK LETTERS SHALL BE USED.
- THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL CUTTING AND PATCHING WITH THE GENERAL CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY CUTTING AND PATCHING THAT IS A RESULT OF ELECTRICAL WORK. ALL FINISHES, MATERIALS, COLORS, ETC. SHALL BE APPROVED BY THE OWNER.
- THE ELECTRICAL CONTRACTOR SHALL EXAMINE THE CONTRACT DRAWINGS INVOLVING GENERAL CONSTRUCTION AND THE MECHANICAL TRADES FOR THE DETAILS AFFECTING THE PERFORMANCE OF THE ELECTRICAL CONTRACT.
- RACEWAYS, BOXES, LIGHTING FIXTURES, ETC. ABOVE/WITHIN SUSPENDED CEILING SHALL BE SUPPORTED DIRECTLY FROM STRUCTURE, INDEPENDENT OF THE CEILING SYSTEM, DUCTS, PIPING OR OTHER WORK. SEE LIGHTING FIXTURE SCHEDULE NOTES FOR ADDITIONAL INFORMATION ON SUPPORT REQUIREMENTS.
- ALL ELECTRICAL WORK SHALL BE INSTALLED PER THE CONTRACT DOCUMENTS AND WRITTEN MANUFACTURER'S INSTRUCTION.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR STORAGE AND PROTECTION OF ALL ELECTRICAL EQUIPMENT RELATED TO THE PROJECT.
- ELECTRICAL CONTRACTOR SHALL REFER TO ARCHITECTURAL CONSTRUCTION DOCUMENTS FOR EXTENT OF ARCHITECTURAL WORK AND SHALL COORDINATE ELECTRICAL DEMOLITION AND NEW WORK WITH CONSTRUCTION PHASING.
- THE ELECTRICAL CONTRACTOR SHALL INSTALL ALL EQUIPMENT IN A NEAT AND WORKMANLIKE MANNER PER THE NATIONAL ELECTRIC CODE. THE ELECTRICAL CONTRACTOR SHALL BE REQUIRED TO ADHERE TO MOST CURRENT NEIS STANDARD NECA I "STANDARD FOR GOOD WORKMANSHIP IN ELECTRICAL CONTRACTING" PUBLISHED BY THE NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION (NECA).
- ELECTRICAL CONTRACTOR SHALL CLOSELY COORDINATE THE INSTALLATION OF NEW CONDUITS WITH ANY EXISTING PIPING, CONDUITS, PULLBOXES AND EQUIPMENT. INSTALL ALL NEW ELECTRICAL EQUIPMENT WITHOUT CONFLICTS OR OBSTRUCTION OF ACCESSIBILITY TO NEW OR EXISTING EQUIPMENT OR PIPING.
- INTERRUPTIONS OF AN ESTABLISHED POWER SUPPLY SHALL BE CONDUCTED ONLY WHEN AUTHORIZED IN WRITING BY THE OWNER. CONTRACTOR SHALL NOTIFY OWNER FIVE (5) DAYS IN ADVANCE FOR A SERVICE INTERRUPTION AND SHALL STATE THE ESTIMATED TIME INVOLVED DURING WHICH THE POWER SUPPLY WILL BE INTERRUPTED. POWER SUPPLY INTERRUPTIONS SHALL BE COORDINATED WITH OTHER TRADES SO THERE WILL BE A MINIMUM OF INCONVENIENCE TO THESE TRADES.
- THE ELECTRICAL CONTRACTOR SHALL CLOSELY COORDINATE ALL UNDERGROUND ELECTRICAL WORK WITH THE GENERAL CONTRACTOR, SITE CONTRACTOR AND OWNER.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR ALL CEILING MOUNTED DEVICES.
- PROVIDE TEMPORARY LIGHTING AND POWER DURING CONSTRUCTION AS REQUIRED FOR THE PROPER EXECUTION OF THE WORK. TEMPORARY LIGHTING AND POWER SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH APPLICABLE PROVISIONS OF THE NATIONAL ELECTRICAL CODE, OSHA REGULATIONS, AND THE REQUIREMENTS OF ANY OTHER AGENCY HAVING JURISDICTION.
- THE ELECTRICAL CONTRACTOR SHALL CHECK AND VERIFY ALL CONDITIONS AND DIMENSIONS AT THE SITE BEFORE PROCEEDING WITH THE WORK. HE SHALL REPORT ANY DISCREPANCIES TO THE ARCHITECT/ENGINEER FOR CORRECTION PRIOR TO BEGINNING ANY WORK. DISCOVERY OF ANY DISCREPANCIES AFTER THE WORK HAS COMMENCED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- DO NOT SCALE THESE DRAWINGS. FOR EXACT DIMENSIONS, VERIFY ALL FIGURES, CONDITIONS, DIMENSIONS, ETC. AT THE JOB SITE.
- NO CONDUITS, WIRING, DEVICES, EQUIPMENT, ETC. SHALL PASS THROUGH OR BE LOCATED WITHIN ELEVATOR SHAFTS, MACHINE ROOMS, I. T. CLOSETS, OR ELECTRICAL ROOMS UNLESS IT SPECIFICALLY SERVES THAT SPACE.
- PROVIDE EQUIPMENT SETUP, FINAL TESTING, ADJUSTMENTS, TRAINING, AND REPORTS ON NEW EQUIPMENT.
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL EQUIPMENT, CIRCUITRY AND DEVICES REQUIRED TO CONNECT MECHANICAL/PLUMBING/FIRE PROTECTION EQUIPMENT.
- TEMPORARILY REMOVE AND REINSTALL CEILING TILES AS REQUIRED. REPLACE DAMAGED TILES.

**PROJECT**

**STERLING**  
Sterling Environmental Engineering, P.C.

**martinrogers**  
ENGINEERING CONSULTANTS  
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**RRT Engineering, LLC**  
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NY COA # 0017967

**ROCKLAND GREEN**  
MATERIALS RECOVERY FACILITY,  
FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**LEGEND, NOTES AND DRAWING SCHEDULE**

REV	DESCRIPTION	DATE	BY
A	ISSUED FOR RFP	7/30/21	RE/RER
			CHK

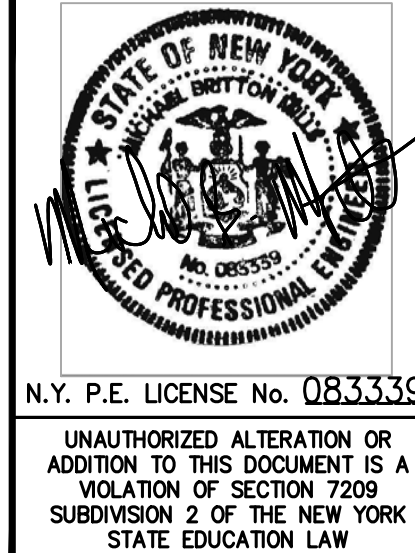
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Melville, N.Y. 11747  
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fax: 631-756-1064

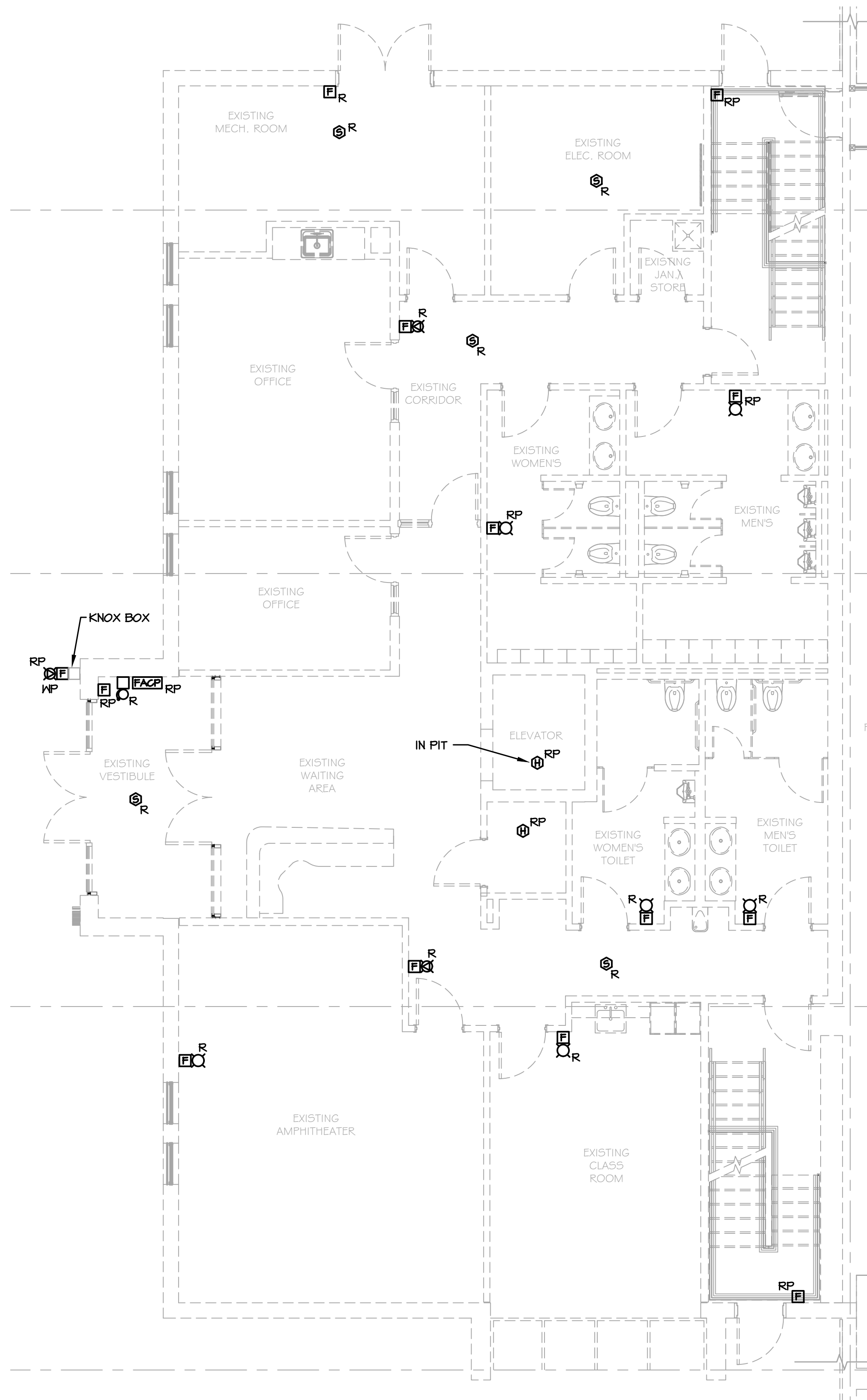
**LEGEND, NOTES AND DRAWING SCHEDULE**

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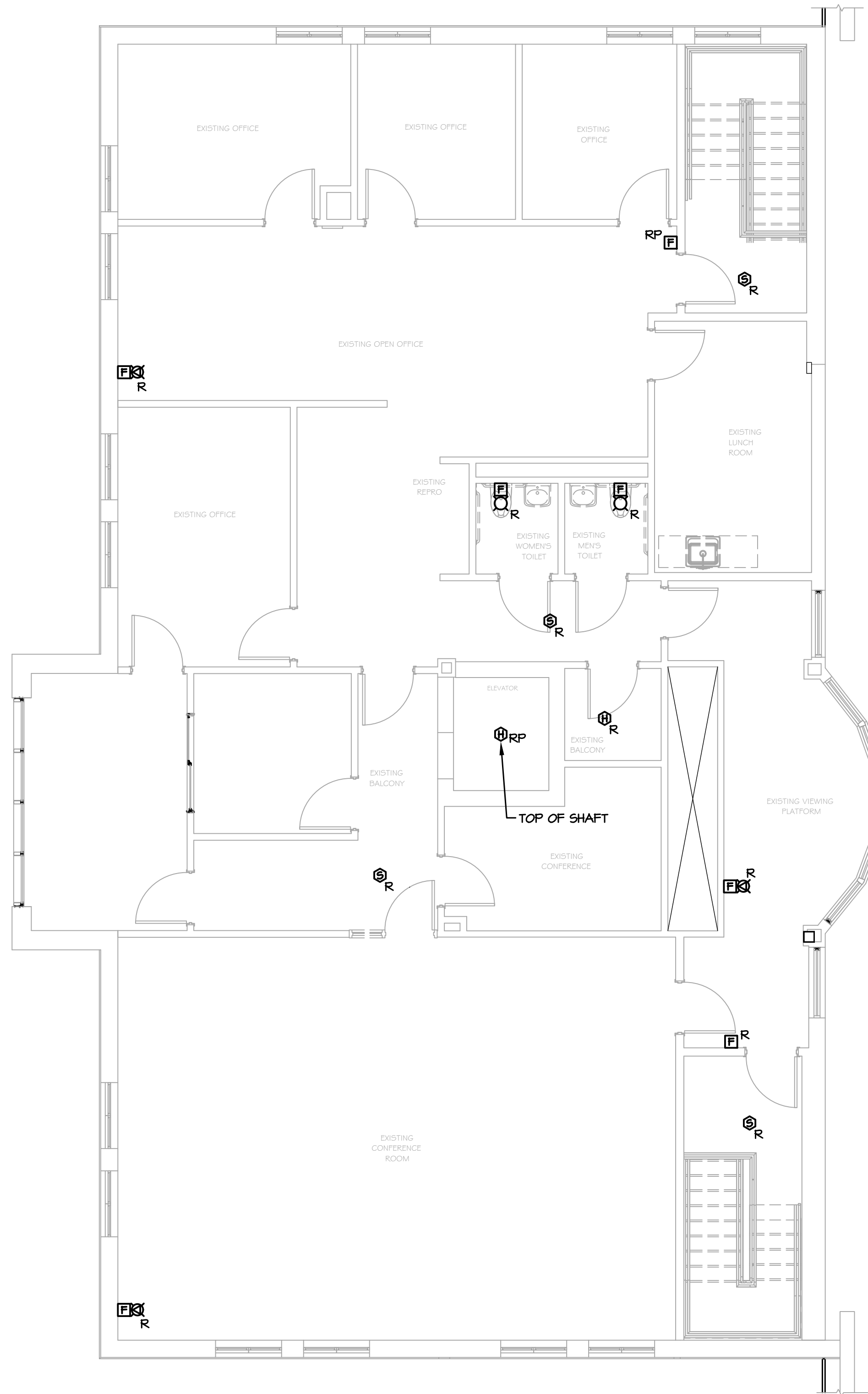
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SHEET SIZE: D-24x36



NOT FOR CONSTRUCTION



**1 PARTIAL FIRST FLOOR PLAN - DEMOLITION**  
FA-101 SCALE: 3/16"=1'-0"



**2 PARTIAL SECOND FLOOR PLAN - DEMOLITION**  
FA-101 SCALE: 3/16"=1'-0"

**NOTES:**

1. REFER TO ARCHITECTURAL PLANS FOR AREAS AND PHASING OF WORK.
2. ELECTRICAL EQUIPMENT AND MATERIALS SHOWN ON DEMOLITION DRAWINGS ARE TO REMAIN UNLESS NOTED OTHERWISE.
3. ELECTRICAL EQUIPMENT AND MATERIALS INDICATED ON DEMOLITION DRAWING AS "REMOVE EXISTING DEVICE (R)" SHALL BE REMOVED AS WORK OF THIS DIVISION UNLESS NOTED OTHERWISE. ITEMS OF VALUE AS DETERMINED BY OWNER SHALL BE STORED ON SITE WHERE DIRECTED BY OWNER. EQUIPMENT AND MATERIAL THAT OWNER DOES NOT WISH TO RETAIN SHALL BE DISCARDED OFF SITE. DO NOT REMOVE ANY EQUIPMENT AND MATERIALS FROM SITE WITHOUT OWNER'S APPROVAL.
4. ELECTRICAL EQUIPMENT AND MATERIALS INDICATED ON DRAWINGS AS "RELOCATE EXISTING DEVICE (ER)" SHALL BE REMOVED, RELOCATED, REINSTALLED AND RECONNECTED UNLESS OTHERWISE NOTED ON THE DRAWINGS. BEFORE REINSTALLATION, EQUIPMENT AND MATERIALS SHALL BE CLEANED AND NICKS AND SCRATCHES SHALL BE TOUCHED UP.
5. ELECTRICAL DEVICES INDICATED ON DRAWINGS AS "REMOVE AND REPLACE (RP)" SHALL BE REMOVED AND REPLACED WITH NEW DEVICES. OUTLET BOXES AND BRANCH CIRCUITS SHALL REMAIN AND BE REUSED.
6. REMOVE ALL ELECTRICAL ITEMS LOCATED ALONG DASHED WALLS (IF INDICATED) WITHIN THE PROJECT AREA. VERIFY ALL QUANTITIES OF DEVICES TO BE DEMOLISHED AND THE EXTENT OF DEMOLITION WORK AT THE SITE PRIOR TO BID DATE.
7. DEVICES IN WALLS AND CEILINGS THAT ARE EXISTING TO REMAIN IN AREAS WHICH ARE COSMETICALLY UPGRADED, SHALL BE TEMPORARILY DISCONNECTED AND REMOVED TO ALLOW FOR INSTALLATION OF NEW CEILING GRIDS, NEW WALL SURFACE PREPARATIONS, PAINTING, ETC. REINSTALL ALL DEVICES IN SIMILAR LOCATIONS AFTER WORK IS COMPLETED. PROVIDE BOX EXTENSIONS/RELOCATIONS AS REQUIRED. COORDINATE WITH ARCHITECTURAL PLANS FOR EXTENT OF NEW FINISHES IN EACH AREA. VERIFY ALL QUANTITIES OF DEVICES AND THE EXTENT OF ALL SUCH WORK AT THE SITE PRIOR TO BID DATE.
8. CONDUIT REMAINING IN PLACE MAY BE REUSED, PROVIDED CONDUIT IS THOROUGHLY CLEANED BEFORE NEW WIRE IS INSTALLED. CONDUIT REMAINING IN PLACE, AND TO BE REUSED, SHALL RUN IN SAME DIRECTION THAT NEW CONDUIT AND WIRE WOULD RUN, IF NEW WIRE AND CONDUIT WERE INSTALLED. REMOVED CONDUIT AND WIRE SHALL NOT BE REUSED.
9. COORDINATE DEMOLITION WITH OTHER TRADES.
10. PROVIDE BLANK COVERS ON ALL ABANDONED RECESSED ELECTRICAL BOXES. COVER MATERIAL/FINISH/COLOR TO MATCH NEW DEVICES.
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14. REQUIREMENTS FOR EXISTING EXPOSED CONDUIT, AS STATED ABOVE, SHALL ALSO APPLY TO EXISTING CONCEALED CONDUIT RUNS LOCATED ABOVE EXISTING ACCESSIBLE TILE CEILING OR EXISTING CONDUIT RUNS THAT WILL BE LOCATED ABOVE NEW ACCESSIBLE TILE CEILINGS.

**PROJECT**

**NORTH**

**KEY PLAN** AREA OF CONSTRUCTION

**STERLING**  
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NY COA # 0017967

**Rockland Green**  
ROCKLAND GREEN  
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FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**PARTIAL FLOOR PLANS - DEMOLITION**

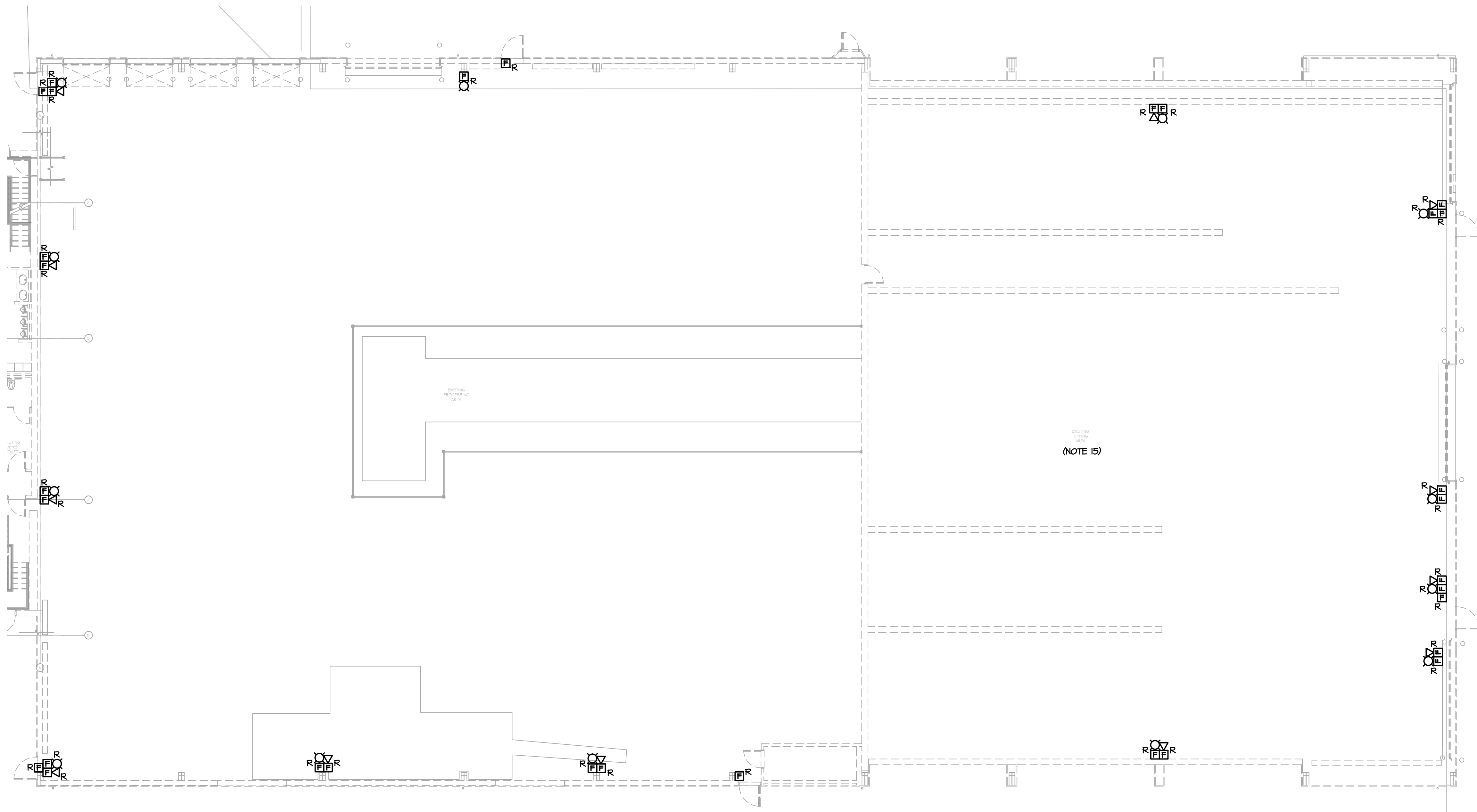


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REV	DESCRIPTION

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1 Huntington Quadrangle, 3581  
Melville, N.Y. 11747  
ph: 631-756-1069  
fax: 631-756-1064

BY	DATE	PROJ. No:	SCALE:
CHECKED	RER	499-010	
DESIGNED	RER	DWG. No:	
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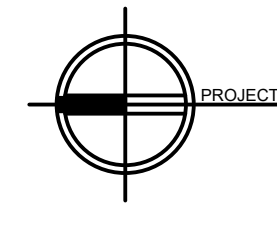
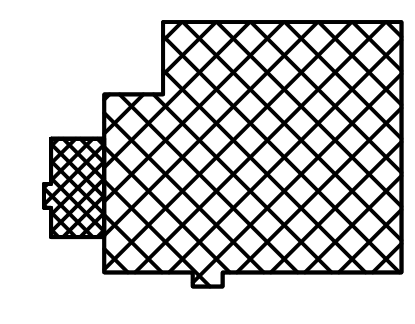
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1 PARTIAL FIRST FLOOR PLAN - DEMOLITION  
 FA-102 SCALE: 3/32"=1'-0"


NOTES:

1. REFER TO ARCHITECTURAL PLANS FOR AREAS AND PHASING OF WORK.
2. ELECTRICAL EQUIPMENT AND MATERIALS SHOWN ON DEMOLITION DRAWINGS ARE TO REMAIN UNLESS NOTED OTHERWISE.
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15. FIELD VERIFY ELECTRICAL EQUIPMENT TO BE REMOVED IN EXISTING TIPPING AREA.

PROJECT	 NORTH	 KEY PLAN
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 Sterling Environmental Engineering, P.C.

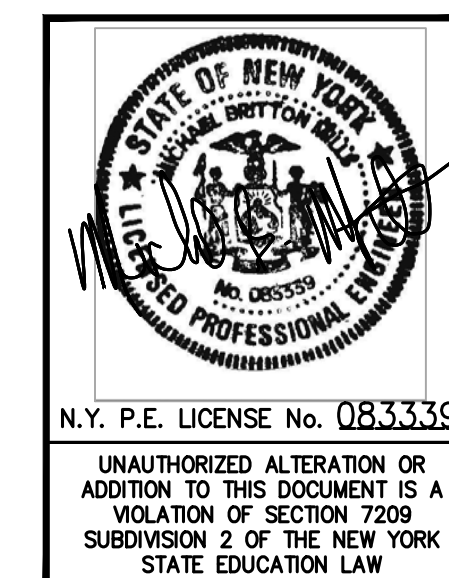
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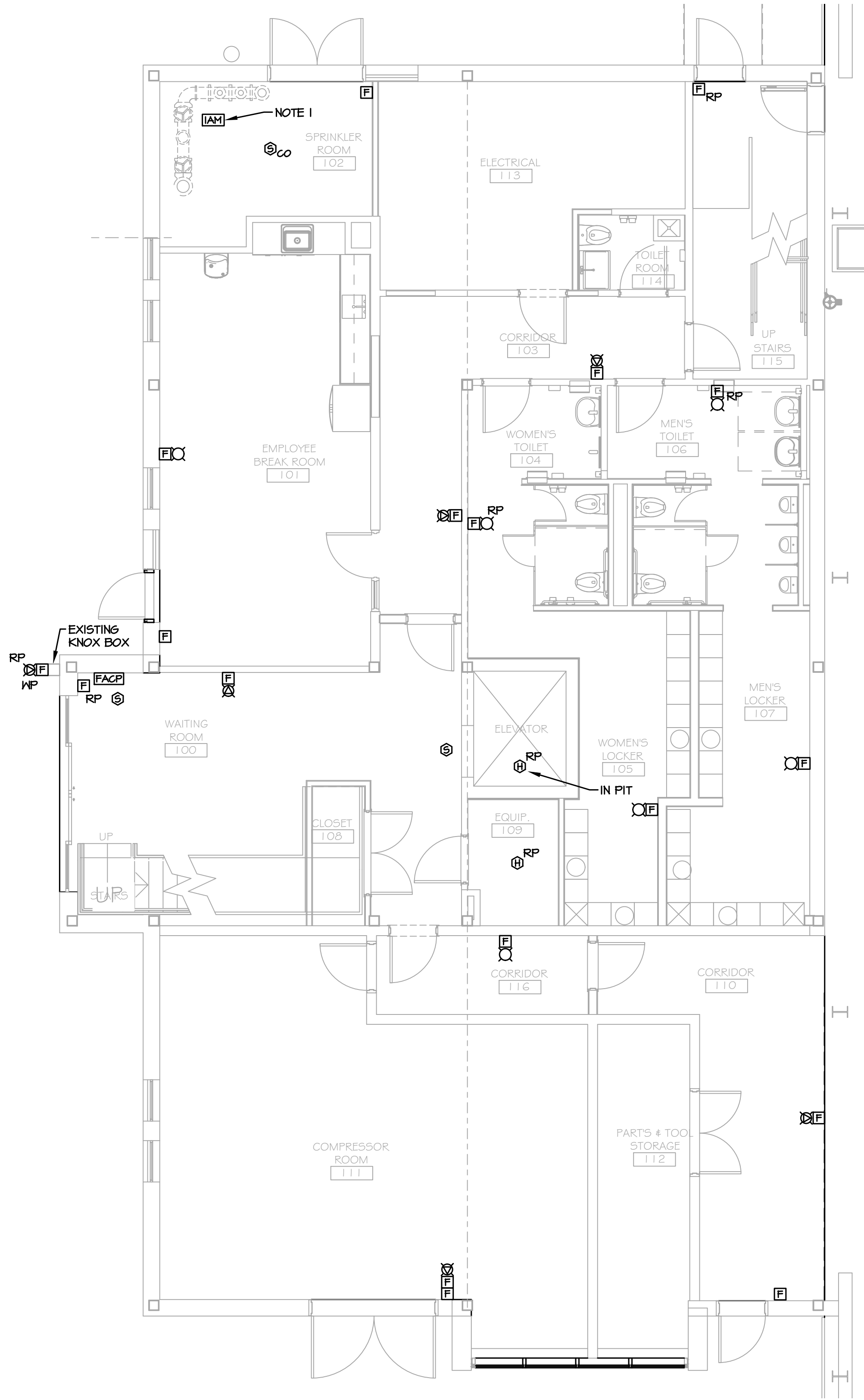
**Rockland Green**  
 MATERIALS RECOVERY FACILITY,  
 FACILITY IMPROVEMENTS  
 420 TORNE VALLEY ROAD, HILLBURN, NY 10931

PARTIAL FIRST FLOOR PLAN -  
 DEMOLITION

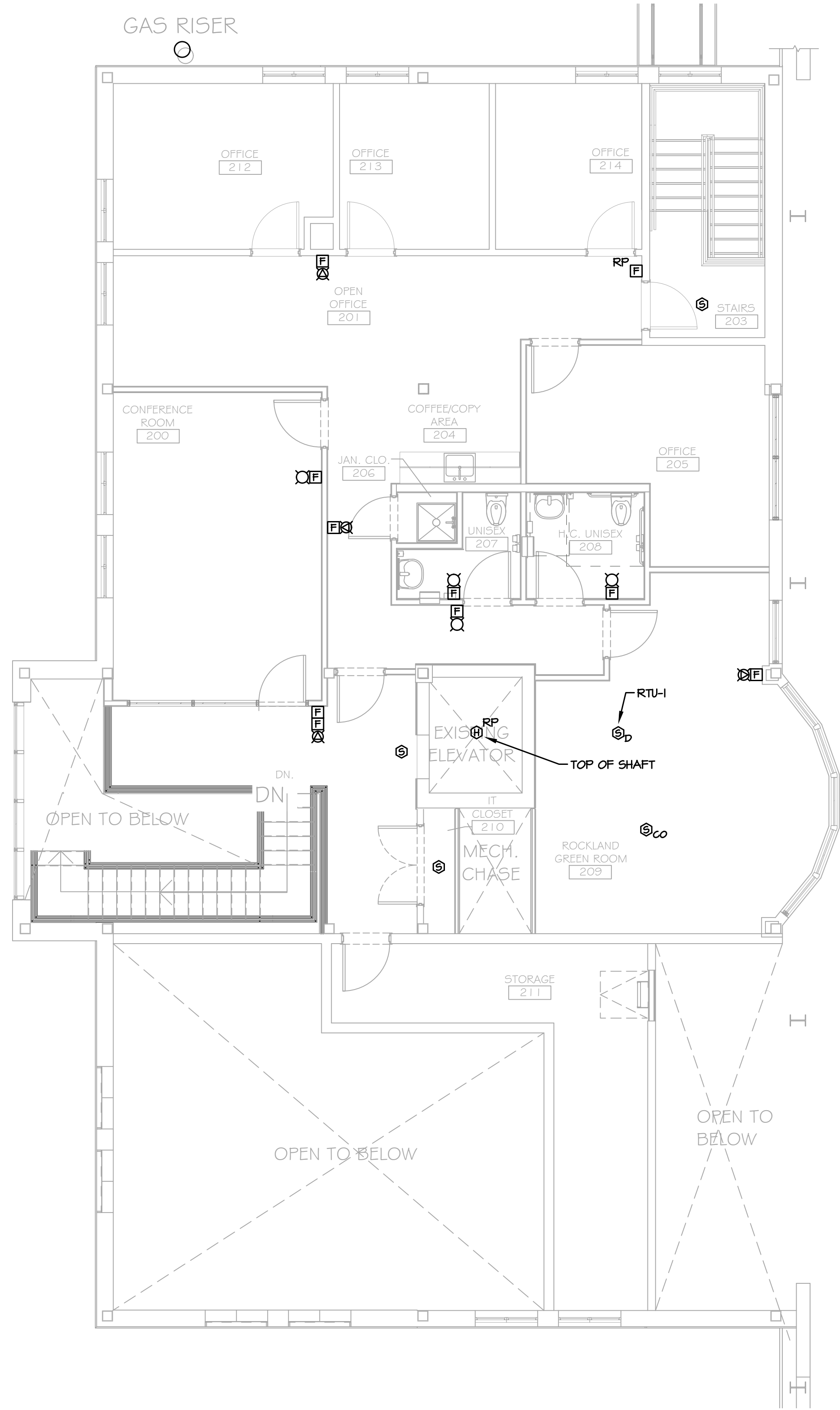


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			RER	7/30/21		
			CHK	7/30/21		
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1 PARTIAL FIRST FLOOR PLAN - FIRE ALARM  
FA-401 SCALE: 3/16"=1'-0"



2 PARTIAL SECOND FLOOR PLAN - FIRE ALARM  
FA-401 SCALE: 3/16"=1'-0"

NOTE:

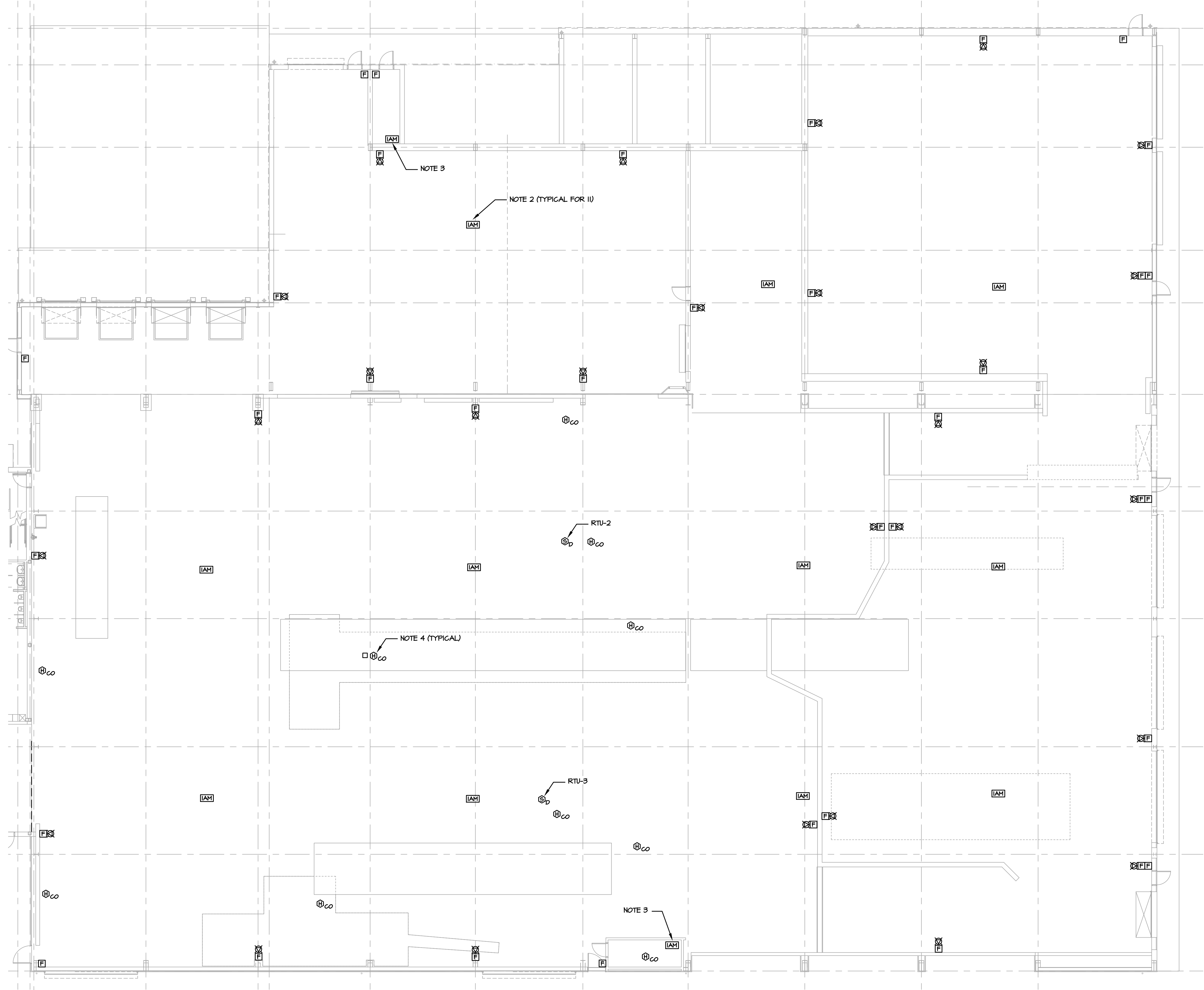
- 1. PROVIDE INDIVIDUAL ADDRESSABLE MODULES FOR SPRINKLER SYSTEM INTERFACE. COORDINATE QUANTITIES REQUIRED WITH FIRE PROTECTION CONTRACTOR.

PROJECT	
<b>STERLING</b> Sterling Environmental Engineering, P.C.	
<b>martinrogers</b> ENGINEERING CONSULTANTS 185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701 1-717-852-1000   1-717-852-0888   www.mro.com	
	ARCHITECTURE PLANNING DESIGN GROUP INTERIORS



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		<b>PARTIAL FLOOR PLANS - FIRE ALARM</b>	
ISSUED FOR RFP	7/30/21	PROJ. No: 499-010	SCALE:
REVISION	DATE	DWG. NO:	FA-401
DESCRIPTION	BY	CAD FILE:	N:2021121033MEP21033 FA-401.DWG
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NOT FOR CONSTRUCTION



**NOTES:**

1. ALL FIRE ALARM DEVICES SHALL BE WEATHERPROOF AND BE PROVIDED WITH WIRE GUARDS.
2. PROVIDE FIRE ALARM INTERFACE FOR EXHAUST FAN.
3. PROVIDE INDIVIDUAL ADDRESSABLE MODULES FOR SPRINKLER SYSTEM INTERFACE. COORDINATE QUANTITIES REQUIRED WITH FIRE PROTECTION CONTRACTOR.
4. LOCATE HEAT DETECTORS WITH CO DETECTION IN THE VICINITY OF ROOFTOP UNITS, GAS UNIT HEATERS AND INFRARED HEATERS.

**1 PARTIAL FIRST FLOOR PLAN - FIRE ALARM**  
**FA-402 SCALE: 3/32"=1'-0"**

**NOT FOR CONSTRUCTION**

 NORTH	 KEY PLAN
 Sterling Environmental Engineering, P.C.	
 ENGINEERING CONSULTANTS <small>185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701          1-717-852-2000   1-717-852-0888   www.mrope.com</small>	
 ANDERSON DESIGN GROUP	ARCHITECTURE PLANNING INTERIORS <small>12 WALL KILLIAN • MONTGOMERY • NY 12546          www.andersondesigngroup.com          CONTACT@ANDERSONDESIGN.COM</small>



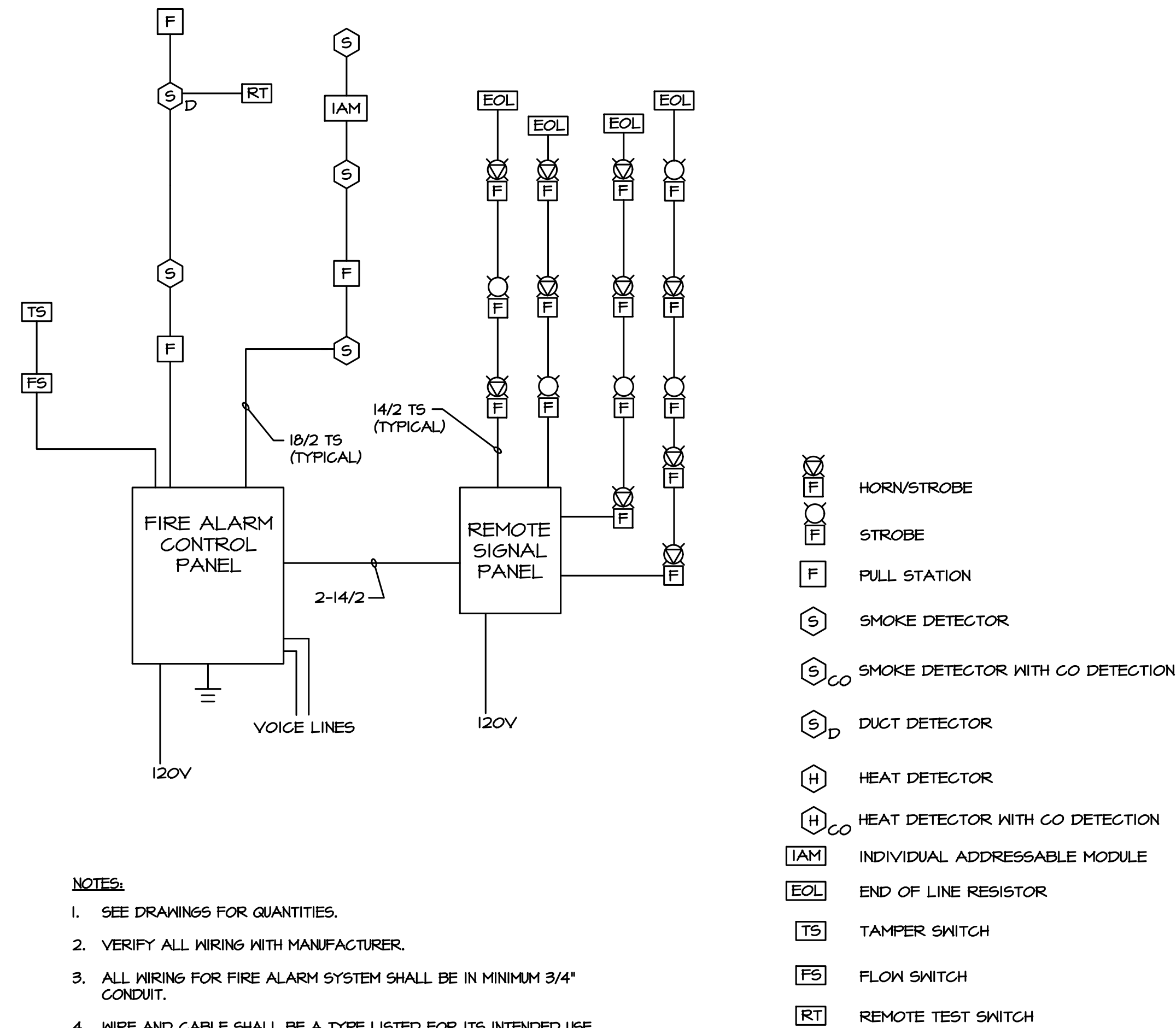
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 <b>ROCKLAND GREEN</b> MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS 420 TORNE VALLEY ROAD, HILLBURN, NY 10931						
<b>PARTIAL FIRST FLOOR PLAN -          FIRE ALARM</b>						
REV	DESCRIPTION	DATE	BY	DATE	PROJ. No: 499-010	SCALE:
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			CHK			
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<b>RRT Engineering, LLC</b> <small>1 Huntington Quadrangle, 3581          Melville, N.Y. 11747          ph: 631-756-1060          fax: 631-756-1064</small>						
<small>UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW</small>				DWG. NO: <b>FA-402</b> CAD FILE: N:\2021\1033\MEP\21033 FA-402.DWG SHEET SIZE: D-24x36		<b>A</b> REV

7'-0" (NOTE 4)		FIRE ALARM STROBES AND COMBINATION HORN/STROBES
6" ABOVE DOOR FRAME (NOTE 3)		EXIT SIGNS
6'-0"		PANELBOARDS, CABINETS, DISCONNECT SWITCHES, STARTERS, FIRE ALARM CONTROL PANELS, FIRE ALARM GRAPHIC ANNUNCIATORS - SEE NOTE 5.
3'-0"		LIGHT SWITCHES, DIMMER SWITCHES, MANUAL MOTOR STARTERS, WALL MOUNTED OCCUPANCY SENSORS, INTERCOM STATIONS, FIRE ALARM PULL STATIONS, WALL MOUNTED TELEPHONES.
6" ABOVE BACKSPASH ON COUNTER		ELECTRIC RECEPTACLES AT COUNTER
2'-0"		ELECTRICAL RECEPTACLES IN MECHANICAL/ELECTRICAL ROOMS AND ELEVATOR MACHINE ROOMS
1'-6"		ELECTRICAL RECEPTACLES (U.N.O.), DATA/VOICE OUTLETS (U.N.O.) CATV OUTLETS (U.N.O.), VOICE OUTLETS (U.N.O.)
0'-0"		FINISHED FLOOR

**NOTES:**

- ALL EQUIPMENT MOUNTING HEIGHTS ARE TO CENTER OF EQUIPMENT/DEVICE UNLESS OTHERWISE NOTED. LIGHT FIXTURES MOUNTING HEIGHTS ARE TO BOTTOM OF FIXTURE HOUSING.
- MOUNTING HEIGHT OF ALL DEVICES SHALL CONFORM WITH THE AMERICANS WITH DISABILITIES ACT (ADA).
- WHERE SPACE DOES NOT EXIST ABOVE DOOR FRAME MOUNT ADJACENT TO DOOR AT CEILING LINE.
- MOUNT STROBES AT A HEIGHT SUCH THAT THE BOTTOM OF THE STROBE IS NOT LESS THAN 80" AND NO GREATER THAN 96" ABOVE THE FINISHED FLOOR. THE TOP OF THE LENS SHOULD BE AT LEAST 6" FROM THE FINISHED CEILING. FOR LOW CEILINGS WHERE MOUNTING HEIGHTS CAN NOT BE MET, MOUNT THE STROBE SO THAT THE TOP OF THE LENS IS 6" FROM THE FINISHED CEILING.
- THE OPERATING HANDLE OF A SWITCH OR CIRCUIT BREAKER IN ITS HIGHEST POSITION SHALL NOT BE MORE THAN 6'-7".

**1 MOUNTING HEIGHT SCHEDULE**  
FA-501 SCALE: NO SCALE



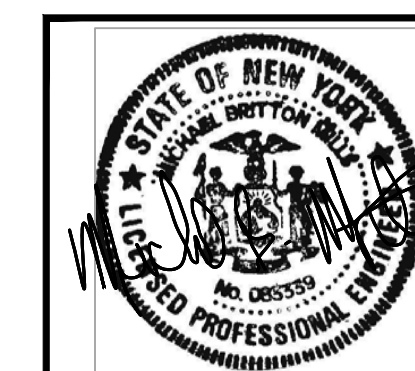
**2 PARTIAL FIRE ALARM RISER DIAGRAM**  
FA-501 NO SCALE

**PROJECT**

**STERLING**  
Sterling Environmental Engineering, P.C.

**martinrogers**  
ENGINEERING CONSULTANTS  
185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701  
1-717-852-0900 | 1-717-852-0888 | www.mrogrp.com

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<b>ROCKLAND GREEN</b> MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS 420 TORNE VALLEY ROAD, HILLBURN, NY 10931	
<b>DETAILS AND RISERS</b>	
ISSUED FOR RFP	7/30/21
REVISION	DATE
BY	DATE
CHECKED	7/30/21
DESIGNED	7/30/21
APPROVED	
PROJECT No: 499-010	SCALE:
DWG. No: FA-501	A
CAD FILE: N:20211210331MEP21033 FA-501.DWG	REV
SHEET SIZE: D-24x36	

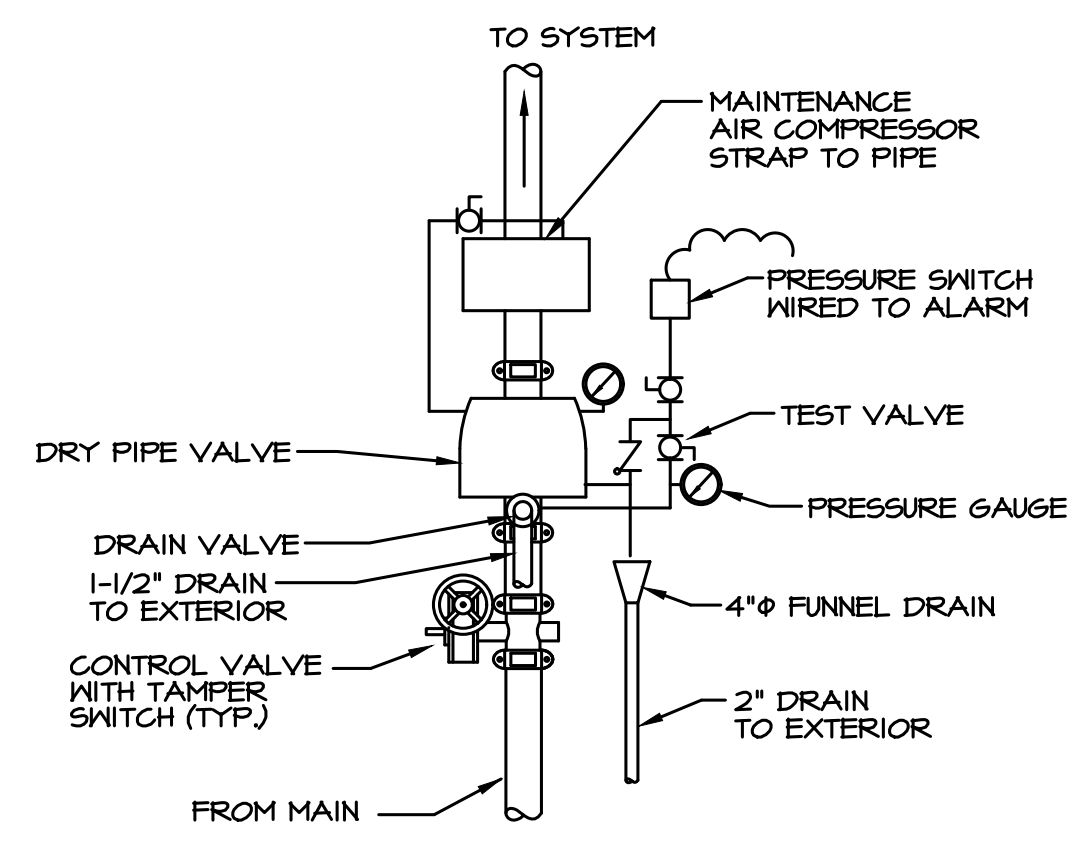
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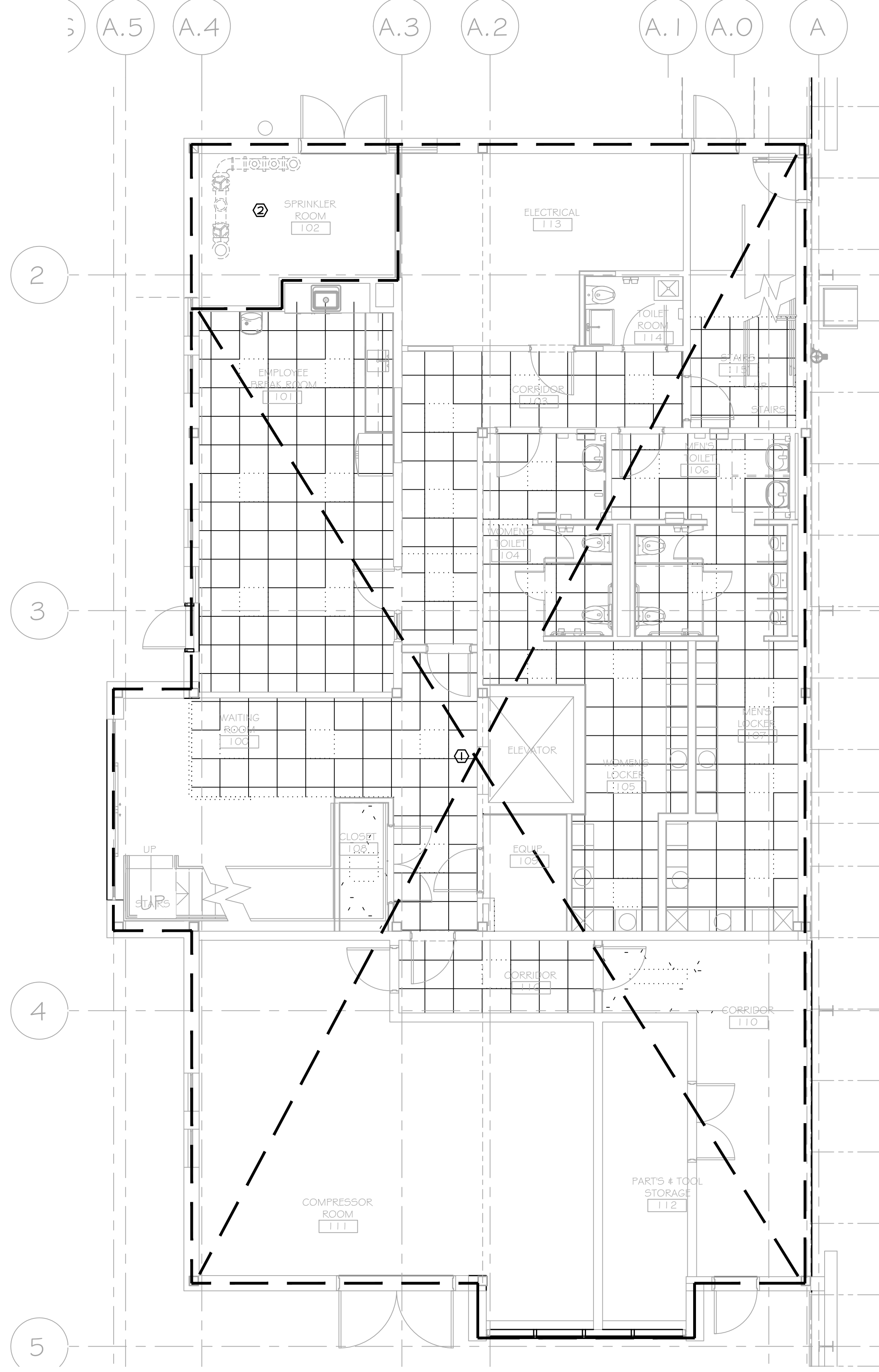
1 Huntington Quadrangle, 3581  
Melville, N.Y. 11747  
ph: 631-756-1060  
fax: 631-756-1064



- KEY NOTES:**
- REVISE FIRE PROTECTION THIS AREA FOR NEW FLOOR PLAN, NET SYSTEM.
  - EXISTING FIRE RISER.



**1 DRY SYSTEM SPRINKLER DETAIL**  
 FP-101-BP SCALE: NONE



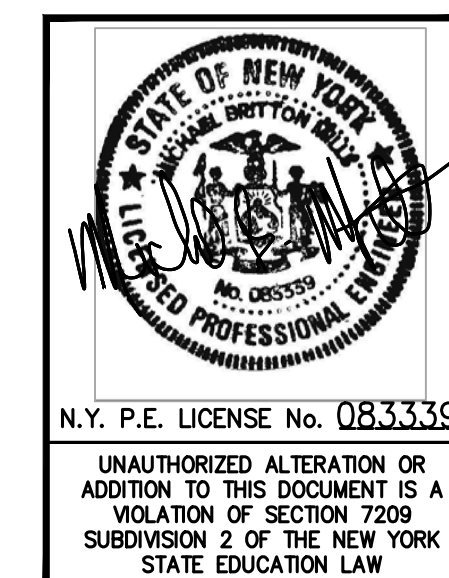
**1 PARTIAL FIRST FLOOR PLAN - FIRE PROTECTION**  
 FP-101-BP SCALE: 3/16"=1'-0"

**PROJECT**

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Sterling Environmental Engineering, P.C.

**martinrogers**  
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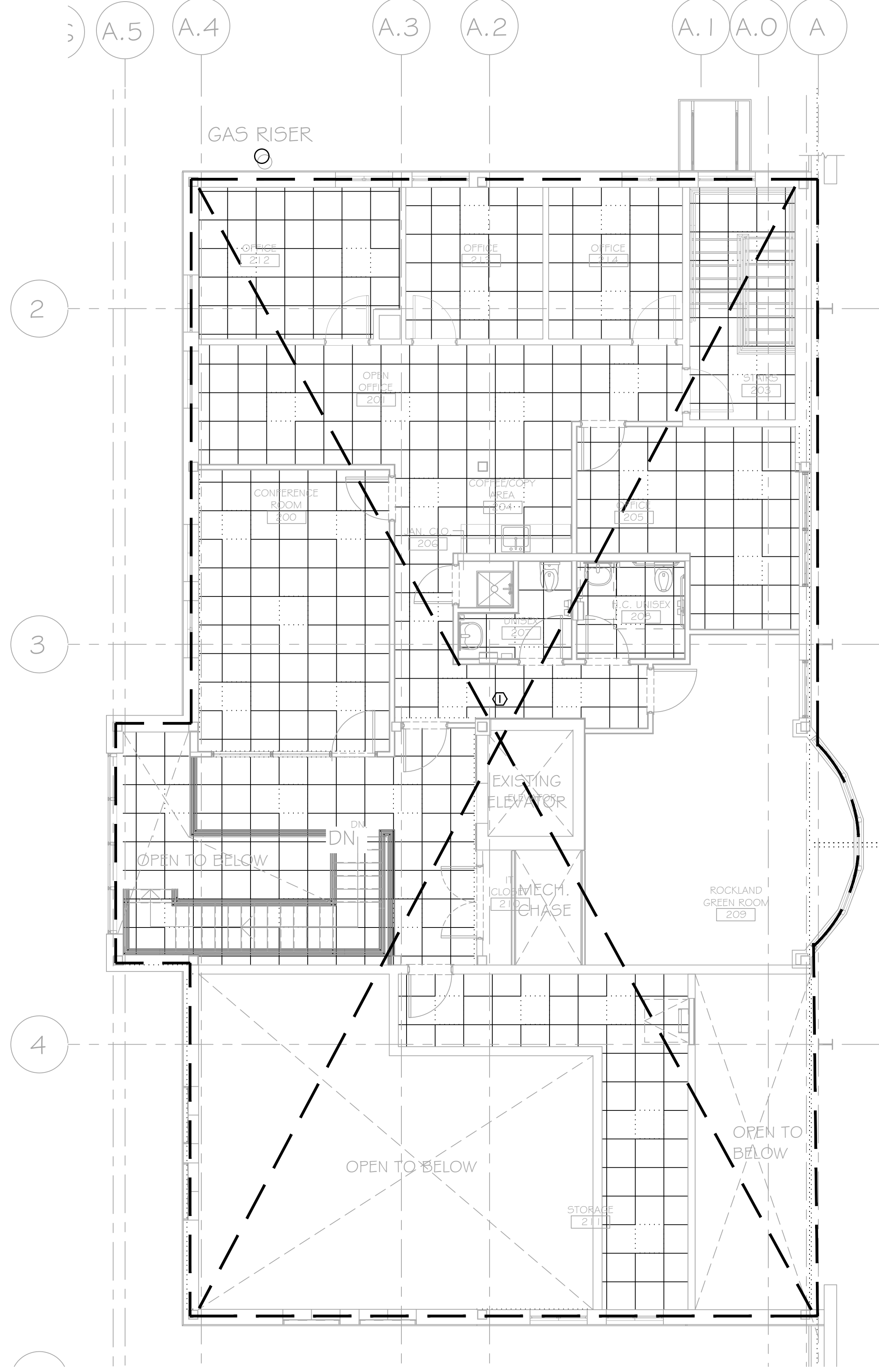
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<b>Rockland Green</b> MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS 420 TORNE VALLEY ROAD, HILLBURN, NY 10931	
<b>PARTIAL FIRST FLOOR PLAN FIRE PROTECTION</b>	
ISSUED FOR RFP	7/30/21
REVISIONS	DATE
DESCRIPTION	BY
PROPRIETARY DATA	DATE
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<b>RRT Engineering, LLC</b> 1 Huntington Quadrangle, 3581 Melville, N.Y. 11747 ph: 631-756-1060 fax: 631-756-1064	PROJ. No: 499-010 SCALE: NTS
DRAWN: RVS	7/30/21
CHECKED: RGL	7/30/21
DESIGNED: RVS	7/30/21
APPROVED: -	-
APPROVED: -	-
DWG. NO: FP-101	A
CAD FILE: 20210730MEP21033 FP-101.DWG	REV
SHEET SIZE: D-24x36	

NOT FOR CONSTRUCTION

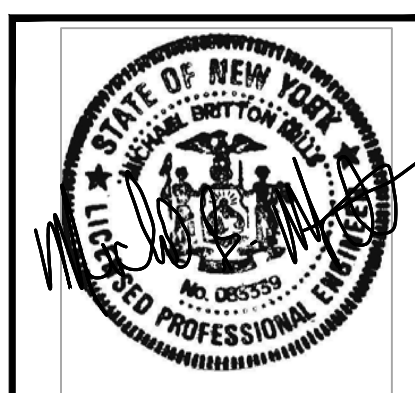




**KEY NOTES:**  
 I. REVISE FIRE PROTECTION THIS AREA FOR NEW FLOOR PLAN, WET SYSTEM.

**1 PARTIAL SECOND FLOOR PLAN - FIRE PROTECTION**  
 FP-102-BP SCALE: 3/16"=1'-0"

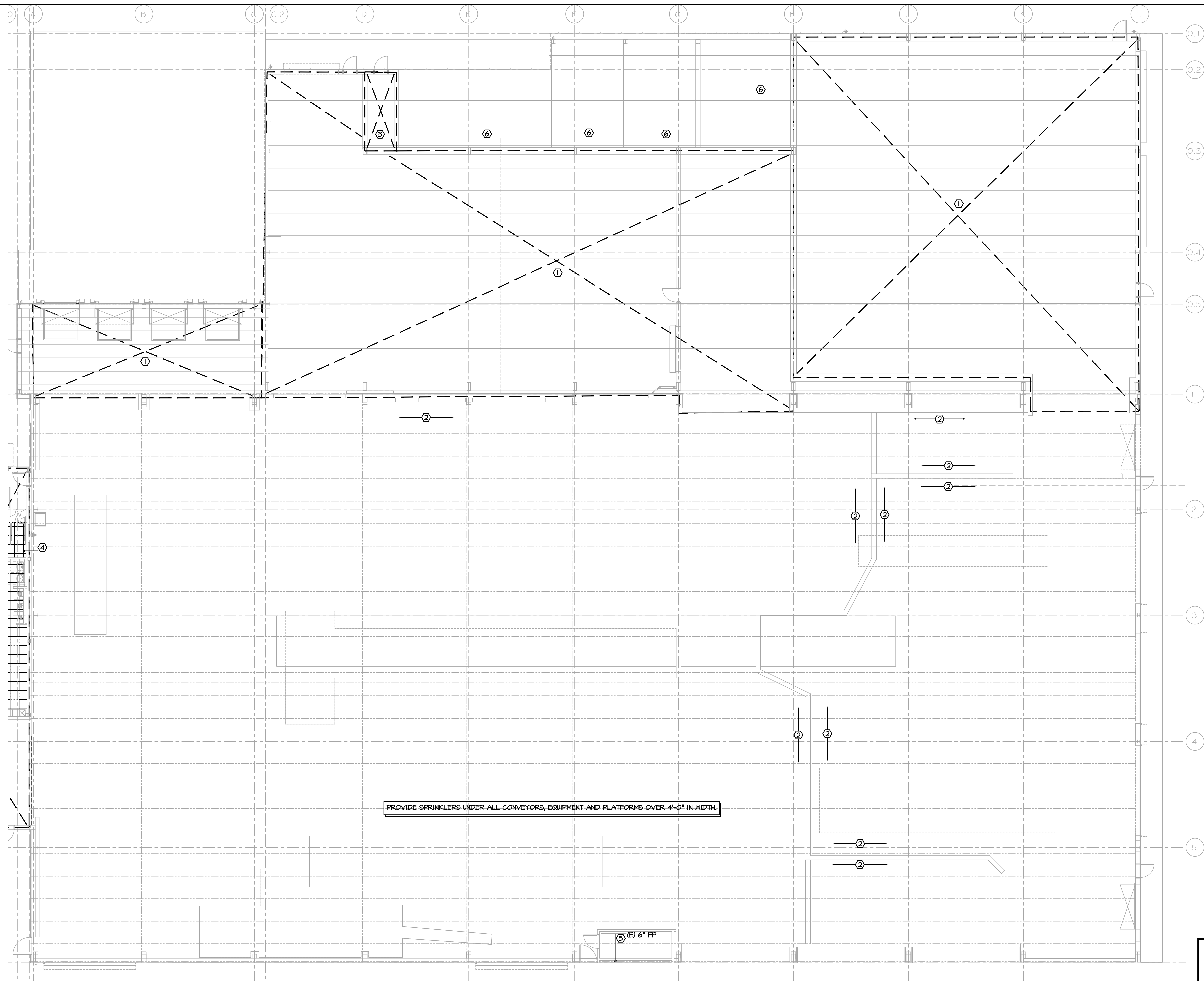
PROJECT	
NORTH	
 Sterling Environmental Engineering, P.C.	
 ENGINEERING CONSULTANTS 185 N. Pennsylvania Ave., Wilkes-Barre, PA 18701 717.852.2000   717.852.0888   www.mro.com	
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 <b>ROCKLAND GREEN</b> MATERIALS RECOVERY FACILITY, FACILITY IMPROVEMENTS 420 TORNE VALLEY ROAD, HILLBURN, NY 10931	
<b>PARTIAL SECOND FLOOR PLAN</b> <b>FIRE PROTECTION</b>	
A ISSUED FOR RFP RVS/RGL DATE 7/30/21 BY CHK	PROJ. No: 499-010 SCALE: NTS DWG. NO: FP-102 CAD FILE: 20210730MEP21033 FP-102.DWG SHEET SIZE: D-24x36
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- KEY NOTES:**
1. NEW DRY FIRE PROTECTION THIS AREA.
  2. MODIFY ALONG WALL AS NEEDED.
  3. NEW DRY FIRE SPRINKLER ROOM.
  4. REVISE FP TO INSIDE STAIRWELL, CONNECT INTO EXISTING.
  5. REVISE FP TO TIGHT TO WALL, CONNECT TO EXISTING HIGH.
  6. SIDEHALL SPRINKLERS THIS AREA.

PROVIDE SPRINKLERS UNDER ALL CONVEYORS, EQUIPMENT AND PLATFORMS OVER 4'-0" IN WIDTH.

**1 PARTIAL FIRST FLOOR PLAN - FIRE PROTECTION**  
 SCALE: 3/32"=1'-0"

**PROJECT**

**NORTH**

KEY PLAN

**STERLING**  
 Sterling Environmental Engineering, P.C.

**martinrogers**  
 ENGINEERING CONSULTANTS  
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 NY COA # 0017967

**Rockland Green**  
 ROCKLAND GREEN  
 MATERIALS RECOVERY FACILITY,  
 FACILITY IMPROVEMENTS  
 420 TORNE VALLEY ROAD, HILLBURN, NY 10931



ISSUED FOR RFP	7/30/21	PROJ. No: 499-010	SCALE: NTS
DESCRIPTION	DATE		
REV	BY	DATE	
A	RVS/RGL	7/30/21	
	CHK	7/30/21	

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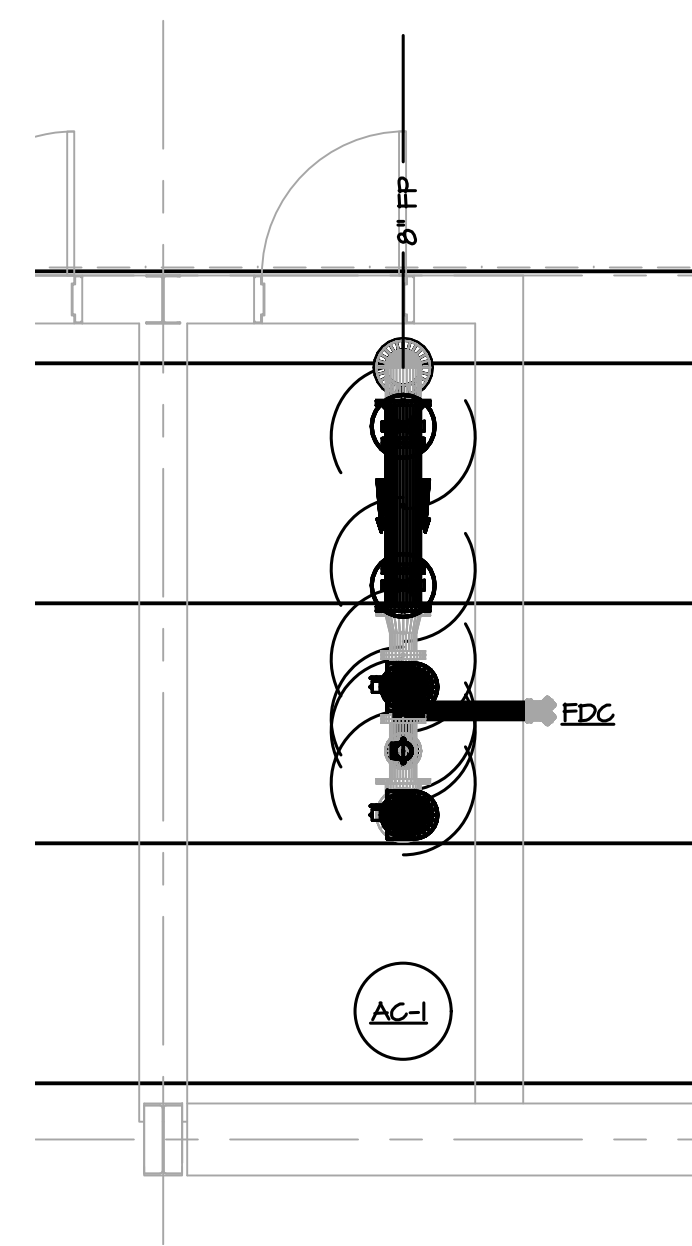
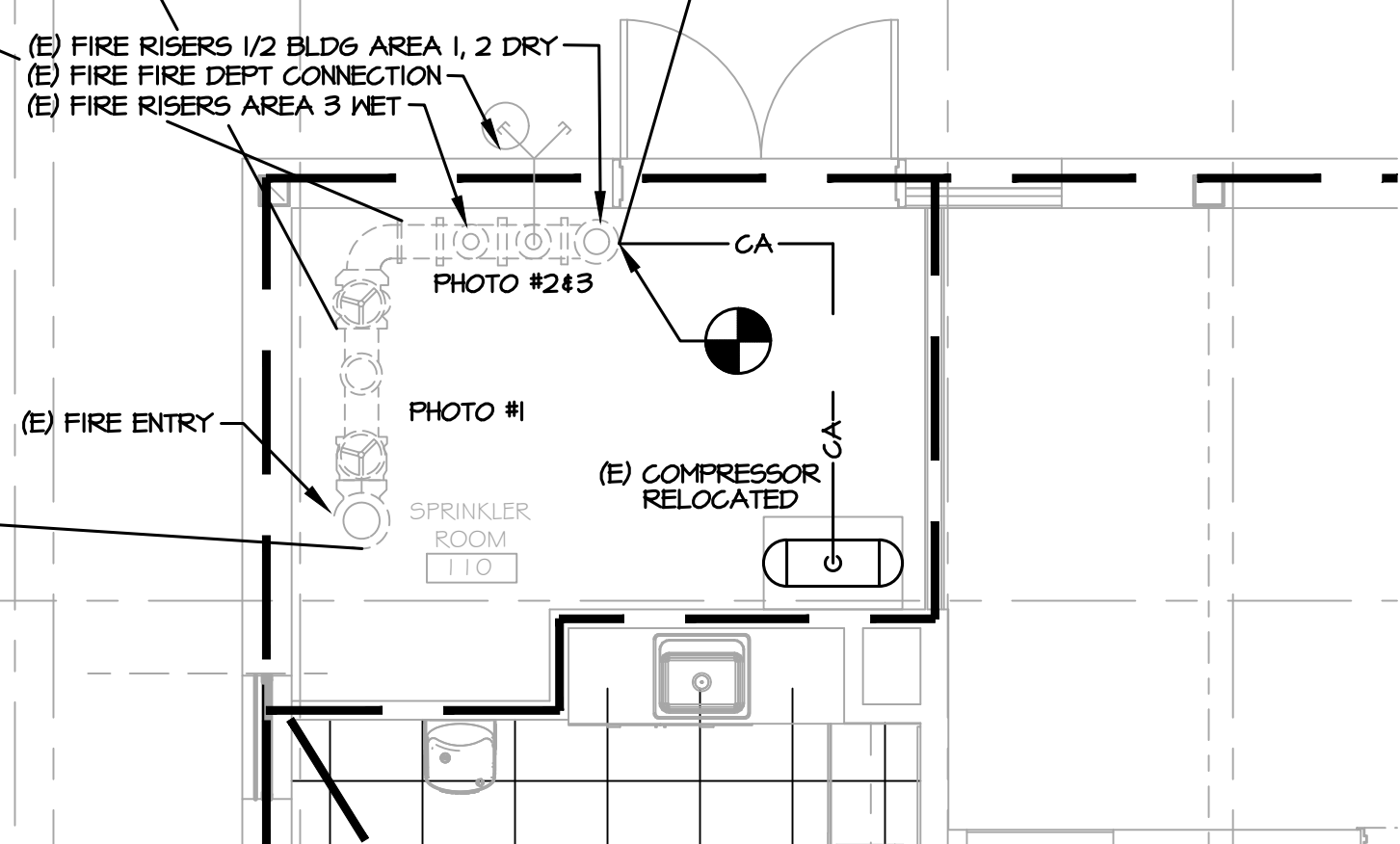
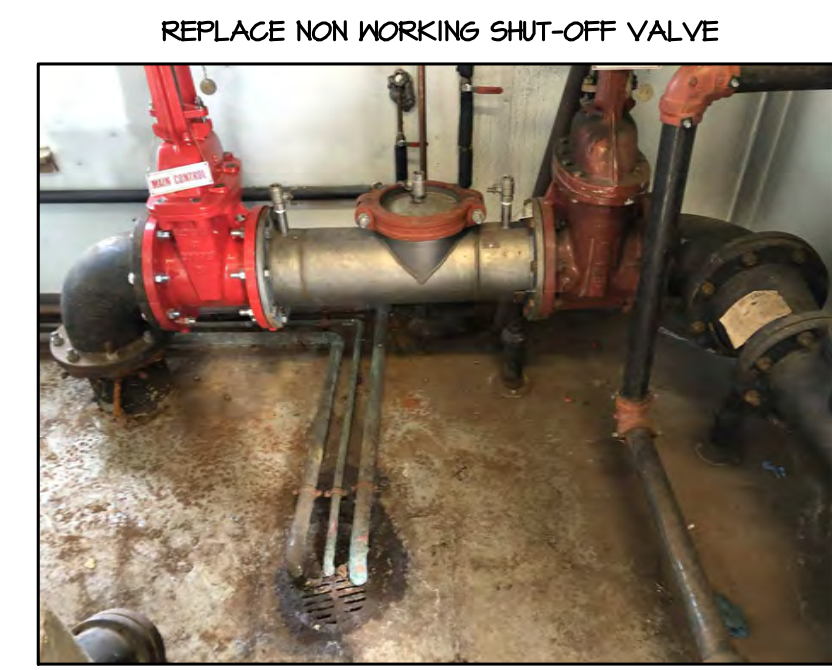
NOT FOR CONSTRUCTION

**GENERAL NOTES:**

- A. WATER SUPPLY FLOW TEST  
STATIC PRESSURE = 100 PSIG  
RESIDUAL PRESSURE = 80 PSIG @ 1353 GPM
- B. AREA 3 (OFFICE) 1ST AND 2ND FLOORS MODIFICATION  
LIGHT HAZARD 0.10 GPM/FT<sup>2</sup>
- C. AREA 1 (TIPPING) ONLY MODIFICATION OF NORTH AND WEST WALLS  
ORDINARY HAZARD GROUP II 0.20 GPM/FT<sup>2</sup>  
(OWNER REQUESTS TO INCREASE TO 0.30 GPM/FT<sup>2</sup>)
- D. AREA 2 (PROCESSING) ONLY MODIFICATION OF NORTH SIDE WITH NEW DRY FIRE SPRINKLER ROOM AND WALL MODIFICATIONS NORTH AND EAST.  
ORDINARY HAZARD GROUP II 0.20 GPM/FT<sup>2</sup>  
(OWNER REQUESTS TO INCREASE TO 0.30 GPM/FT<sup>2</sup>)
- E. AREA 4 (NEW TIPPING) = 6,575 FT<sup>2</sup> FED FROM NEW DRY SYSTEM IN NEW SPRINKLER ROOM.  
EXTRA HAZARD GROUP II 0.40 GPM/FT<sup>2</sup>
- F. AREA 5 (NEW STORAGE) = 7,440 FT<sup>2</sup> FED FROM NEW DRY SYSTEM IN NEW SPRINKLER ROOM.  
EXTRA HAZARD GROUP II 0.40 GPM/FT<sup>2</sup>
- G. AREA 6 (LOADING DOCK) = 900 FT<sup>2</sup> FED FROM NEW DRY SYSTEM IN NEW SPRINKLER ROOM.  
ORDINARY HAZARD GROUP II 0.20 GPM/FT<sup>2</sup>

**KEY NOTES:**

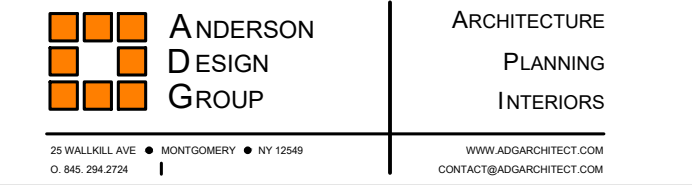
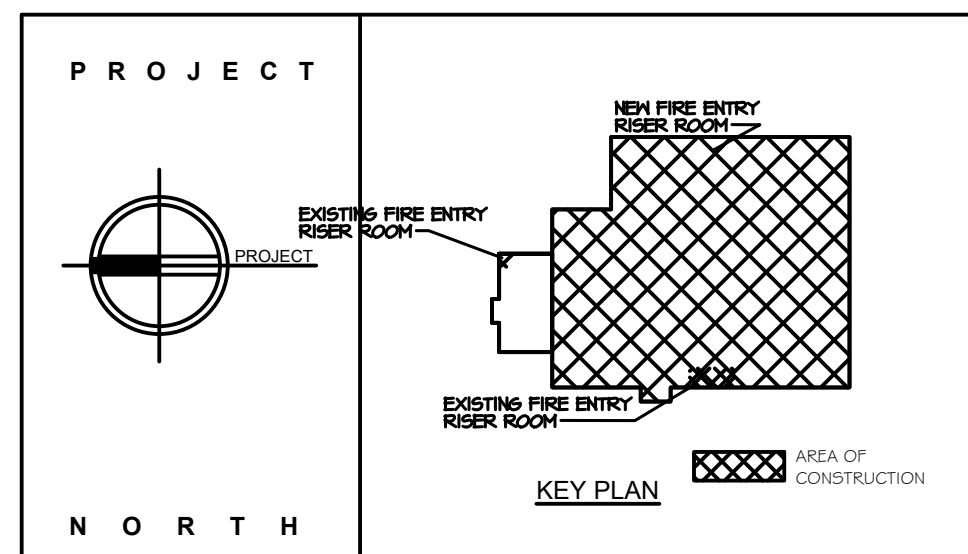
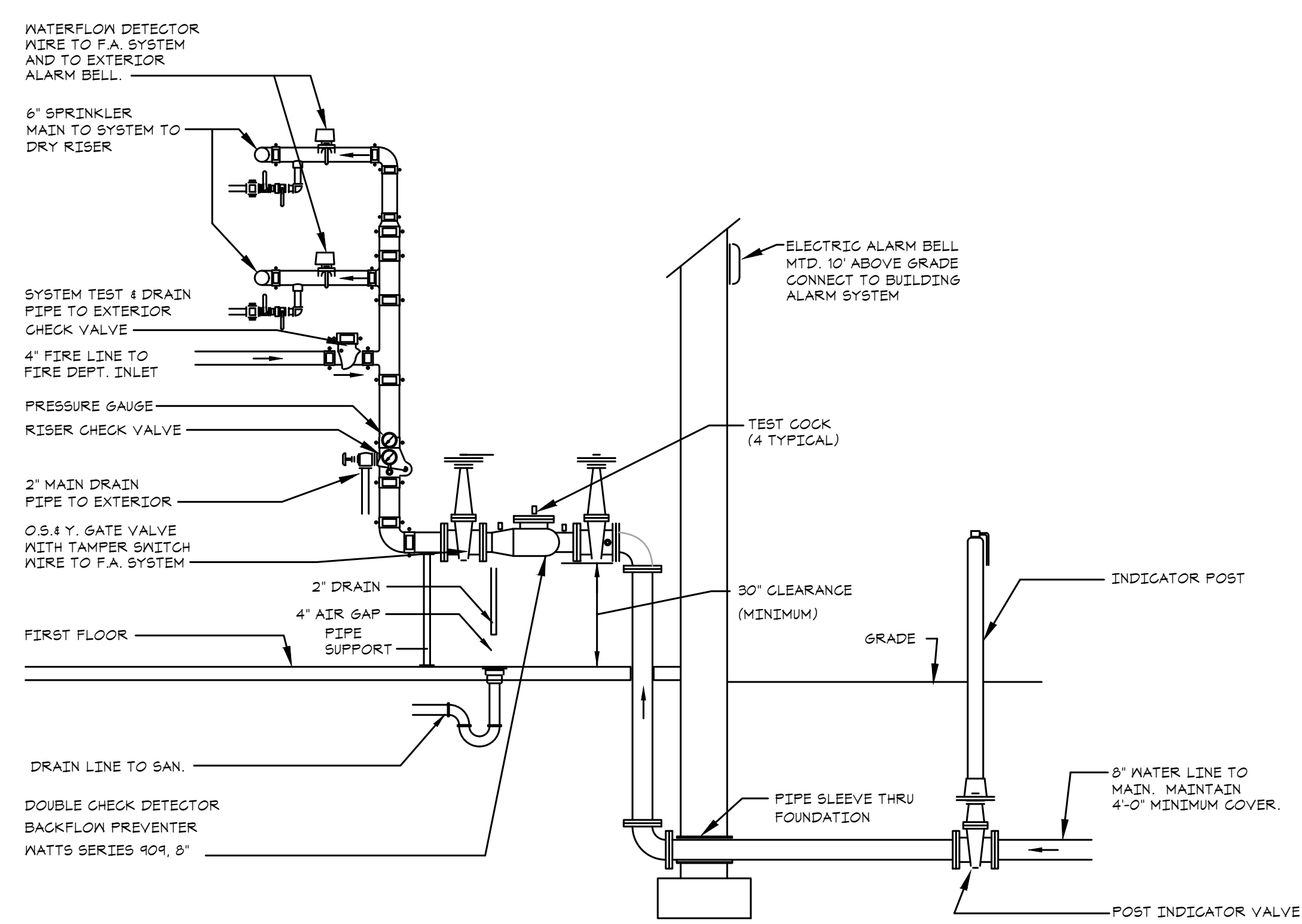
- 1. PROVIDE THRUST BLOCKS AT ALL 90° ELBOWS, TYPICAL.



**1 ENLARGED FIRE ENTRY ROOM - FIRE PROTECTION**  
FP-301-BP SCALE: 1/4"=1'-0"

**2 ENLARGED NEW SPRINKLER ROOM - FIRE PROTECTION**  
FP-301-BP SCALE: 1/4"=1'-0" AREAS 4-6

- NOTES:**
- 12" MINIMUM CLEAR SPACE SHALL BE MAINTAINED ABOVE THE ASSEMBLY TO ALLOW FOR SERVICING CHECK VALVES AND FOR OPERATION OF SHUT-OFF VALVES.
  - A MINIMUM DISTANCE OF 30" OF CLEAR SPACE SHALL BE MAINTAINED BETWEEN THE FRONT SIDE OF THE DEVICE AND THE NEAREST WALL OR OBSTRUCTION.
  - IF THE DISTANCE BETWEEN THE WATER METER AND THE BACKFLOW DEVICE IS GREATER THAN 10', THE PIPING MUST BE LABELLED "DO NOT TAP" AT 5' INTERVALS.
  - STRAINERS ARE RECOMMENDED PRIOR TO EACH BACKFLOW DEVICE ON NON-FIRE FIGHTING LINES ONLY. NO STRAINER IS TO BE USED ON A FIRE LINE WITHOUT INSURANCE UNDERWRITERS APPROVAL.
  - ASSEMBLIES SHOULD BE SPECIFIED AND INSTALLED WITH MANUFACTURER SUPPLIED VALVES.
  - WATER LINES SHOULD BE THOROUGHLY FLUSHED BEFORE INSTALLATION OF DEVICE TO PREVENT DEBRIS FOULING THE DEVICE CHECK VALVES.
  - DEVICES MUST BE MOUNTED HORIZONTALLY UNLESS APPROVED FOR VERTICAL INSTALLATION.
  - ASSEMBLIES SHOULD NOT BE INSTALLED IN AREAS CONTAINING CORROSIVE OR TOXIC GASES WHICH COULD RENDER THE DEVICE INOPERABLE.
  - DUE TO INHERENT DESIGN OF RPZ ASSEMBLIES, FLUCTUATING SUPPLY PRESSURE ON A LOW FLOW CONDITION MAY CAUSE NUISANCE DRIPPING. INSTALLATION OF A SOFT SEATED CHECK VALVE AHEAD OF THE RPZ WILL OFTEN HOLD PRESSURE CONSTANT DURING PERIODS OF LOW FLOW.
  - WHERE THE DISTANCE BETWEEN THE WATER METER AND DEVICE IS GREATER THAN 10 FEET, ALL EXPOSED PIPING SHOULD BE MARKED "DO NOT TAP" AT 5 FOOT INTERVALS.
  - BOTH THE RPZA AND DCVA MUST BE TESTED INITIALLY AND ANNUALLY THEREAFTER BY A NYS CERTIFIED BACKFLOW PREVENTION DEVICE TESTER. COPIES OF ALL TESTING RESULTS ARE TO BE PROVIDED BOTH TO THE WATER SUPPLIER AND TO THE ORANGE COUNTY DEPARTMENT OF HEALTH.
  - SPACE IS FULLY LIT AND HEATED FOR SERVICING AND PREVENTION OF FREEZING.
  - PROVIDE 4" FIRE LINE WITH CHECK VALVE TO FIRE DEPARTMENT INLET.
  - PROVIDE SYSTEM TEST AND DRAIN PIPE TO EXTERIOR.



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NY COA # 0017967

**ROCKLAND GREEN**  
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FACILITY IMPROVEMENTS  
420 TORNE VALLEY ROAD, HILLBURN, NY 10931

**ENLARGED FLOOR PLANS - FIRE PROTECTION**

REV	DESCRIPTION	DATE	BY
A	ISSUED FOR RFP	7/30/21	RVS/RGL

DRAWN	CHECKED	DESIGNED	APPROVED	BY	DATE
				RVS	7/30/21
				RGL	7/30/21
				RVS	7/30/21

PROJ. No: 499-010	SCALE: NTS
DWG. No: FP-301	
CAD FILE: \\02021\08088\MEP\21088\FP-301.dwg	
SHEET SIZE: D-24x36	



N.Y. P.E. LICENSE No. 083339  
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Melville, N.Y. 11747  
ph: 631-756-1060  
fax: 631-756-1064

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**3 FIRE SERVICE DETAIL**  
FP-301-BP SCALE: NTS