

SOUTH WATER RECLAMATION FACILITY BUILDING IMPROVEMENTS

MAINTENANCE BUILDING, ADMINISTRATION BUILDING, WEST ELECTRICAL BUILDING AND
FIRE ALARM SYSTEM IMPROVEMENTS
BID DRAWINGS

BOARD OF COUNTY COMMISSIONERS

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ORANGE COUNTY MAYOR

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DISTRICT 2

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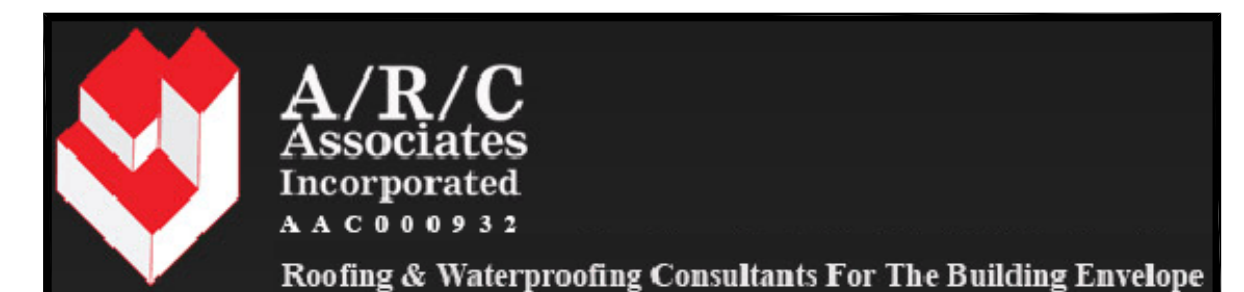
VICTORIA P. SIPLIN
DISTRICT 6

AJIT LALCHANDANI, P.E.
COUNTY ADMINISTRATOR

RAYMOND E. HANSON, P.E.
DIRECTOR ORANGE COUNTY UTILITIES DEPARTMENT



PLANS PREPARED BY:



OCU FILE NO.: 74866
CIP FUNDING CODE: 1555-16

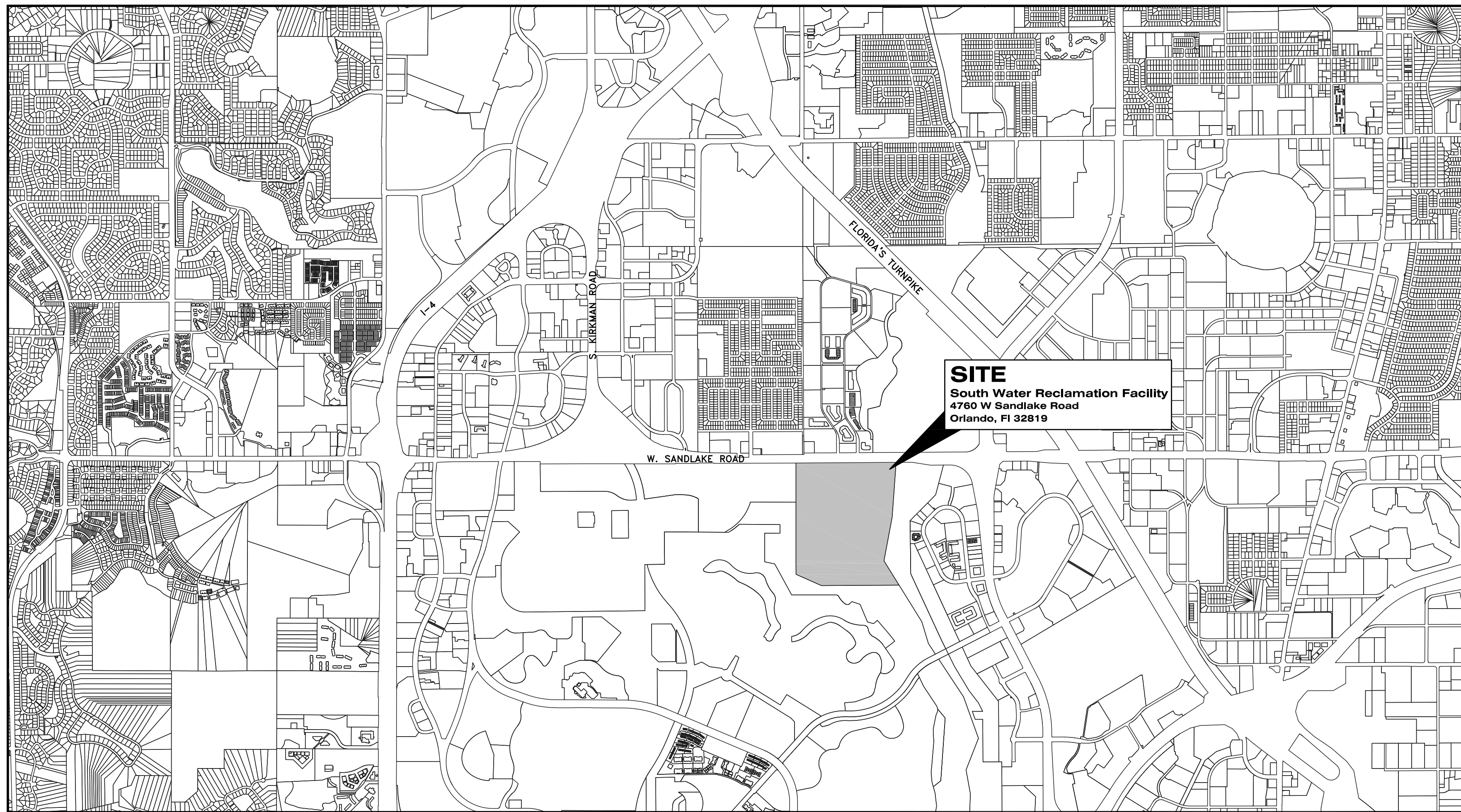
ORANGE COUNTY UTILITIES DEPARTMENT
ENGINEERING DIVISION
ORANGE COUNTY, FLORIDA

JUNE 2018

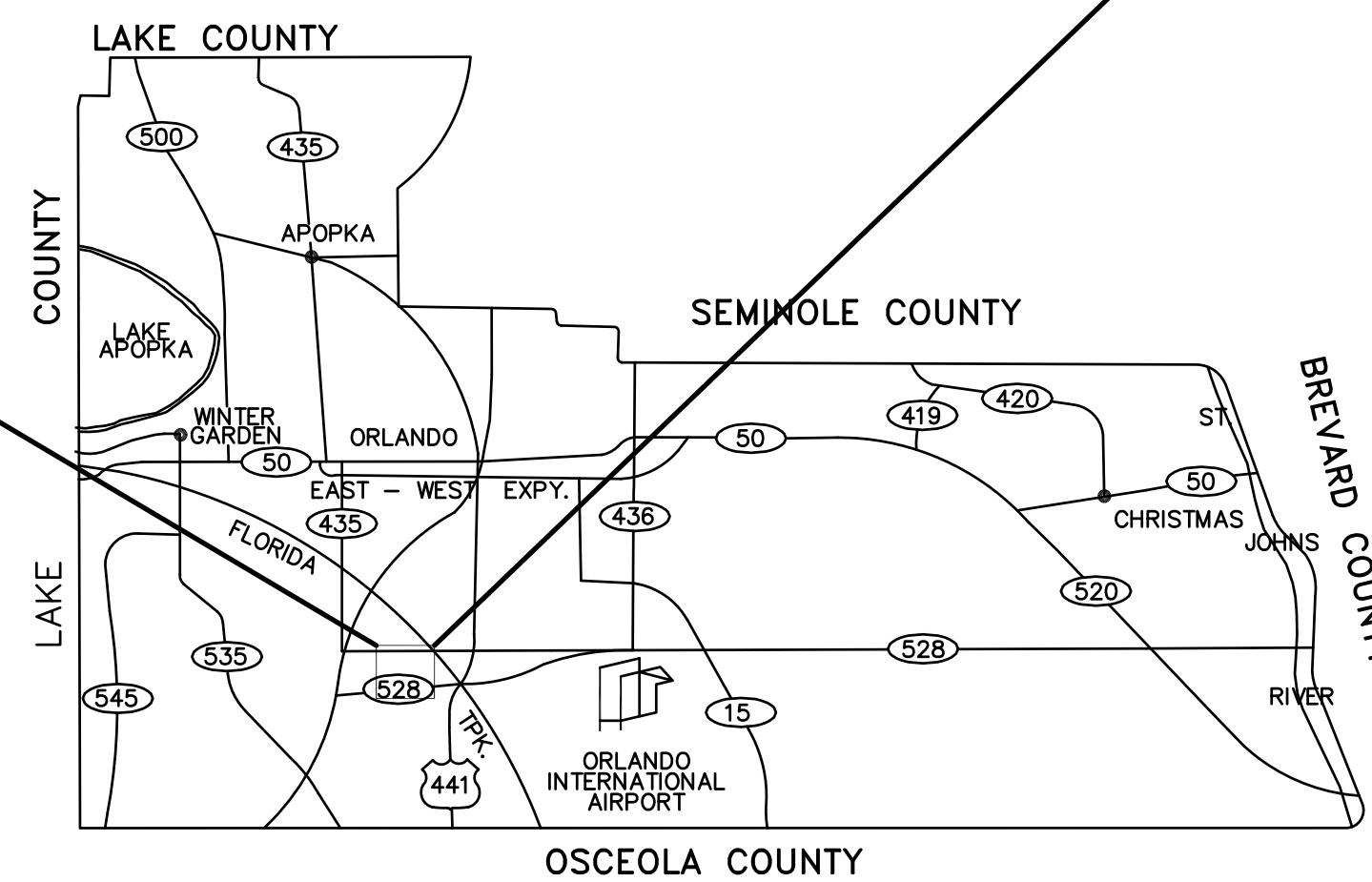
ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA. DIMENSION INFORMATION SHOULD NOT BE OBTAINED BY SCALING THE PLANS.

CERTIFICATION
TO THE BEST OF THE ARCHITECT'S KNOWLEDGE INFORMATION, AND BELIEF, THIS DESIGN IS IN COMPLIANCE WITH APPLICABLE CODES AND LAWS.

JOHN BAER, AIA DATE



ORANGE COUNTY, FLORIDA
SCALE: 1" = 2,000'



ORANGE COUNTY, FLORIDA
SCALE: 1" = 50,000'

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REV	DATE	DESCRIPTION

LINE IS 2 INCHES
AT FULL SIZE
(IF NOT SCALE ACCORDINGLY)

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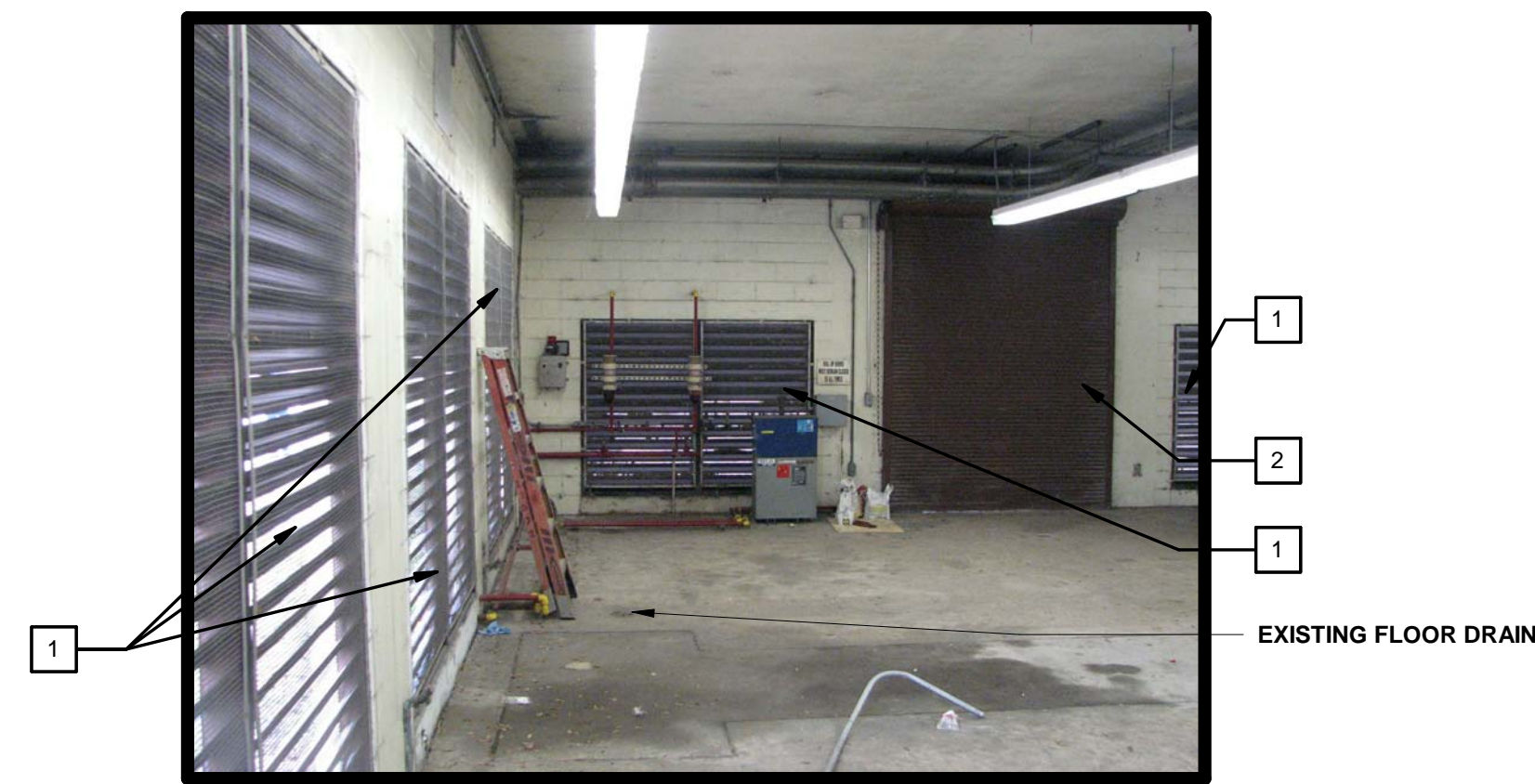
LOCATION MAP AND
DRAWING INDEX

OCU FILE NO.: 74866
 DESIGNED BY: JAB
 DRAWN BY: LDM
 CHECKED BY: JAB
 CADD FILE: G200.dwg
 04-04-18
 JOHN A. BAER, AIA
 REGISTERED ARCHITECT
 FLORIDA LICENSE # 93193

SCALE: As Shown
 DRAWING NO.:
G200
 SHEET 2 OF 71



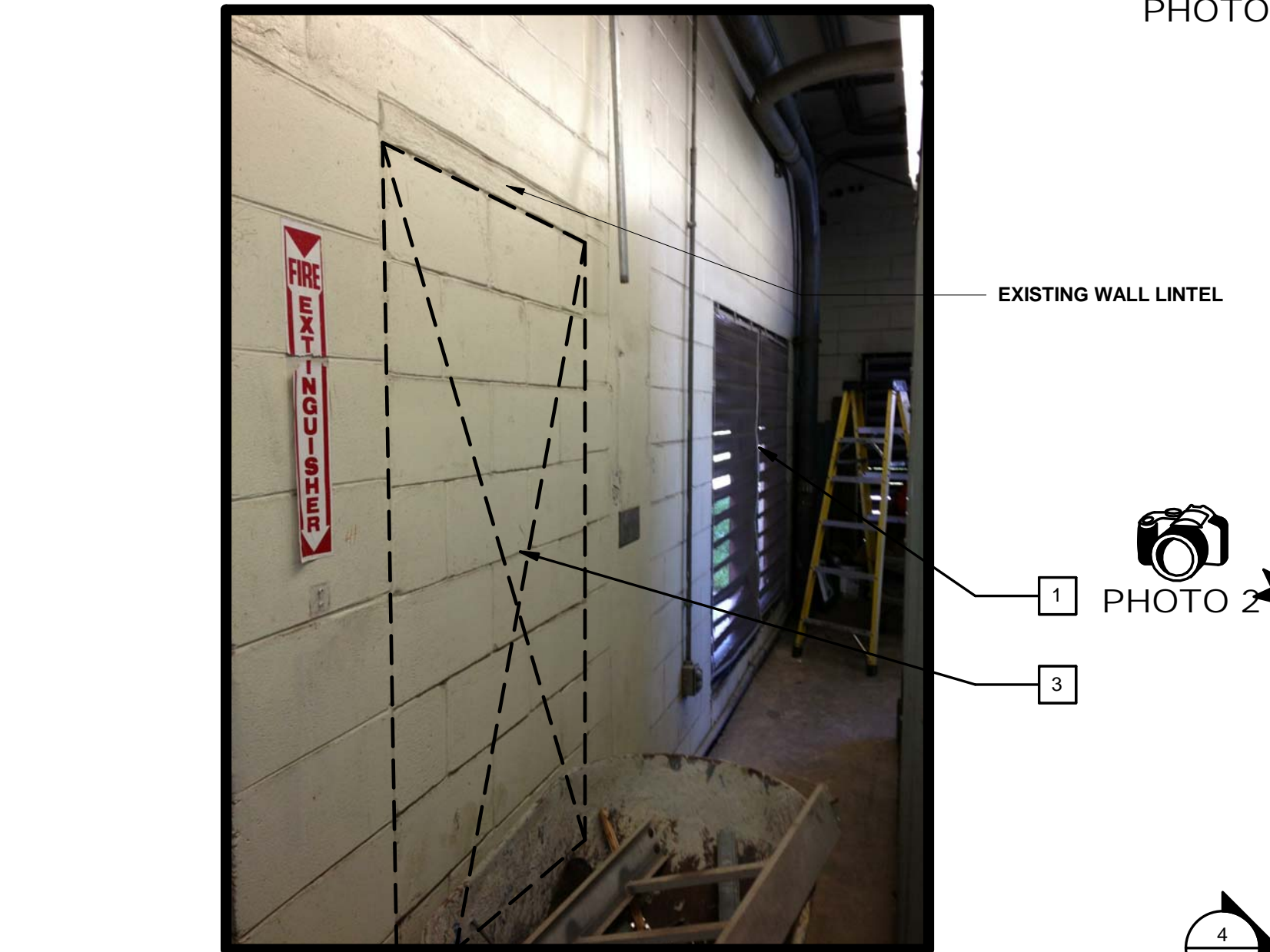
SITE DOCUMENTATION PHOTO 1



SITE DOCUMENTATION PHOTO 5



SITE DOCUMENTATION PHOTO 2



SITE DOCUMENTATION PHOTO 6

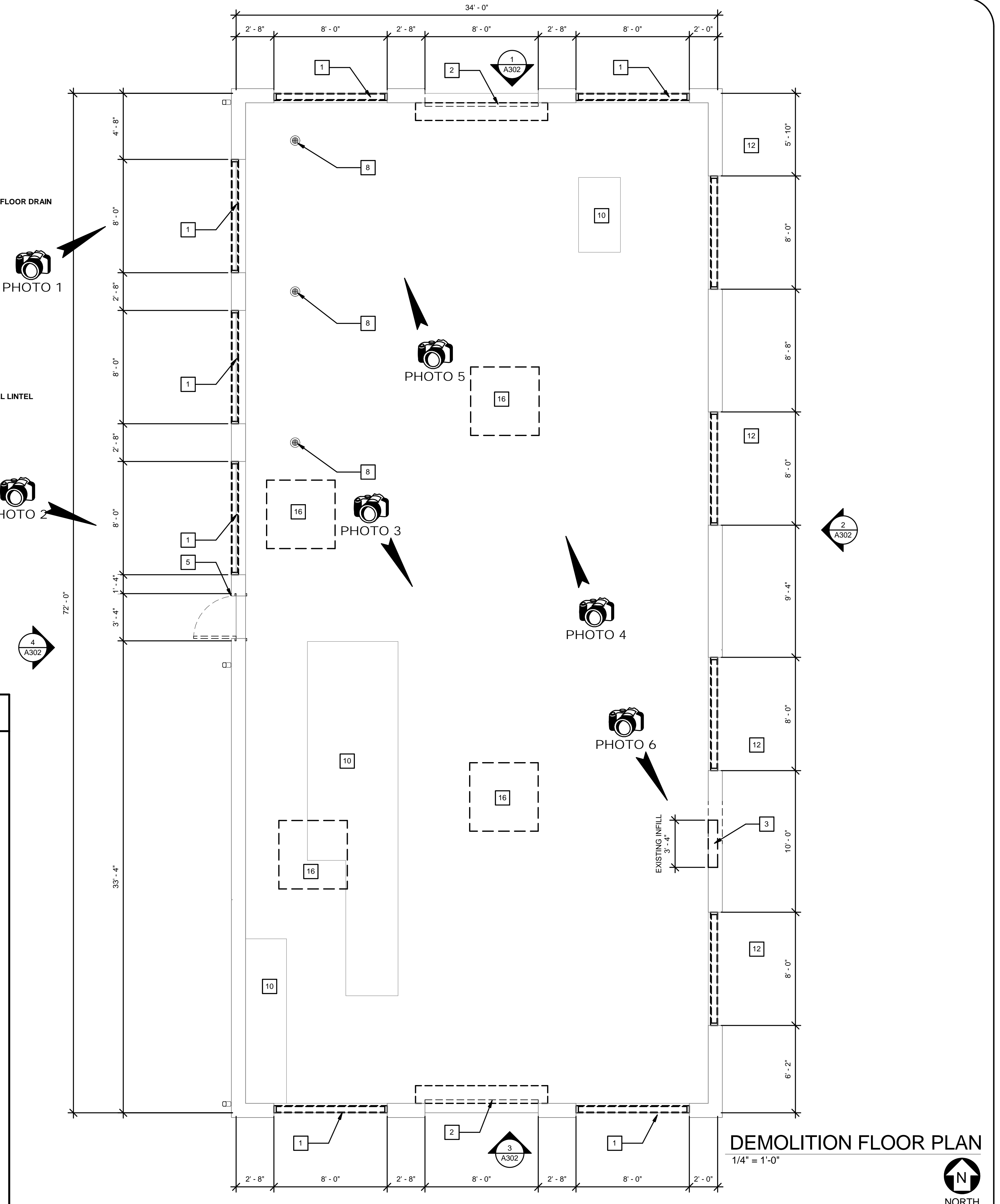


SITE DOCUMENTATION PHOTO 3



SITE DOCUMENTATION PHOTO 4

DEMOLITION KEYNOTES	
1	REMOVE WALL LOUVER AND WALL LOUVER FRAME
2	REMOVE OVERHEAD DOOR AND DOOR WALL TRACK
3	REMOVE EXISTING INFILL SECTION OF WALL FOR NEW DOOR OPENING
4	EXISTING ROOF DEMOLITION BY OTHERS
5	REMOVE EXISTING DOOR & FRAME
6	EXISTING DOOR CANOPY
7	REMOVE EXISTING GUTTERS AND DOWNSPOUTS - BY OTHERS
8	REMOVE EXISTING FLOOR DRAINS
9	COORDINATE REMOVAL W/ ELECTRICAL CONTRACTOR
10	EXISTING CONCRETE PAD TO REMAIN
11	REMOVE EXTERIOR LIGHTING - REFER TO ELECTRICAL PLANS FOR PLACEMENT OF NEW FIXTURES
12	EXISTING 2" DROP IN PAVEMENT
13	EXISTING ELECTRICAL CONDUIT TO REMAIN
14	REMOVE EXISTING LIGHT FIXTURE / WIRING AND CONDUIT TO REMAIN FOR INSTALLATION OF NEW WALL PACK
15	REMOVE EXISTING WALL SIGNAGE
16	REMOVE EXISTING EXHAUST FAN OPENINGS AND INFILL IN CEILING ABOVE - PATCH AND REPAIR ROOF OPENING - REFER TO DETAIL 11 AND 12 ON SHEET A7.0



DEMOLITION FLOOR PLAN
1/4" = 1'-0"

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DEMOLITION PLAN - WEST ELECTRICAL BUILDING

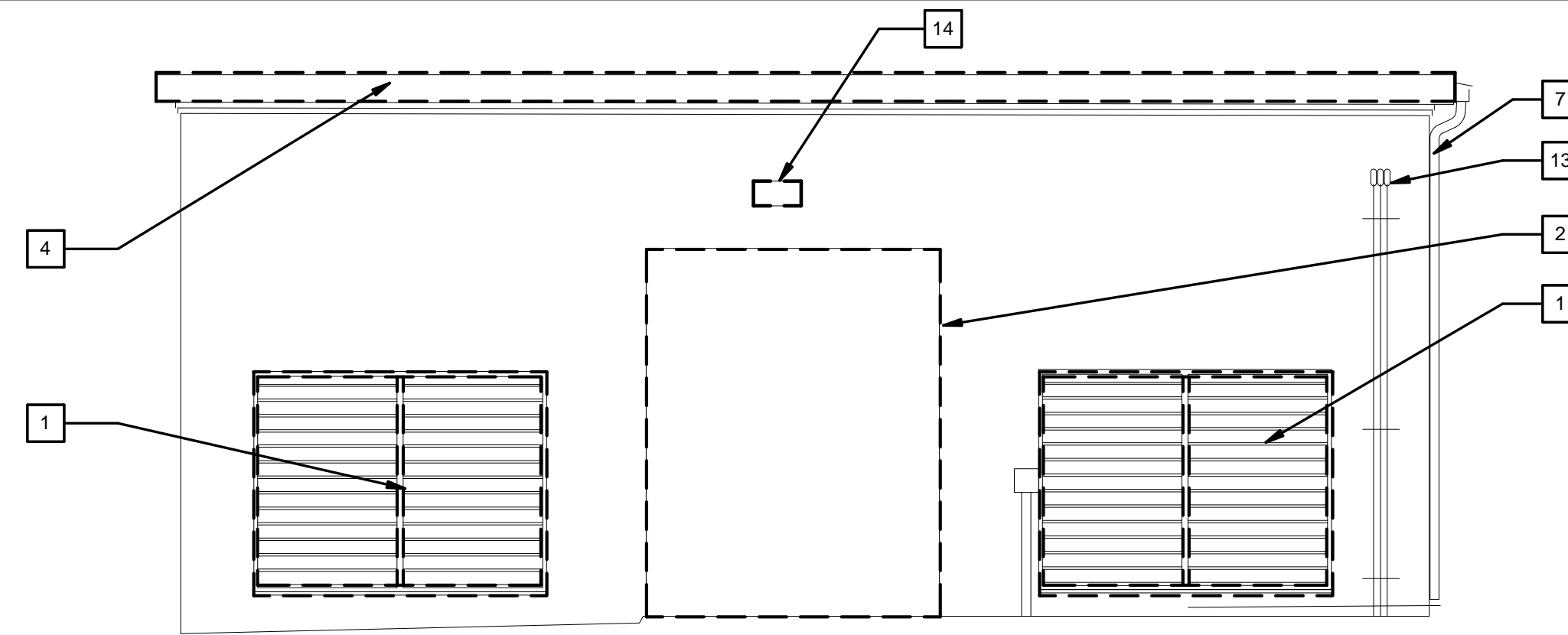
04-04-18
JOHN A. BAER, AIA
REGISTERED ARCHITECT
FLORIDA LICENSE # AR93193

OCU FILE NO.: 74866
DESIGNED BY: JAB
DRAWN BY: LDM
CHECKED BY: JAB
CADD FILE:

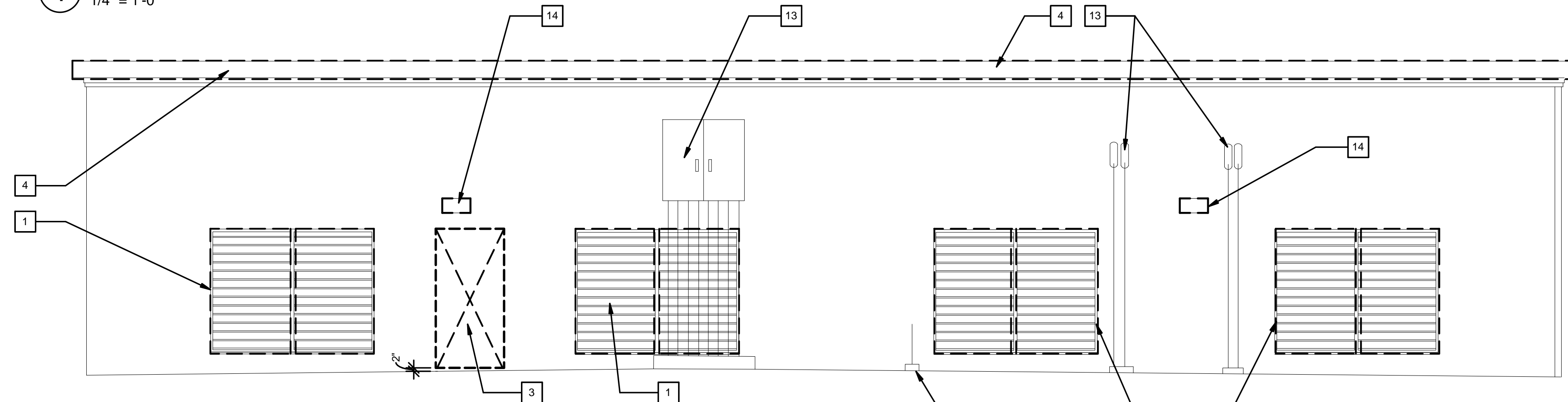
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DRAWING NO.: **A1.0**
SHEET 4 OF 71

DEMOLITION KEYNOTES

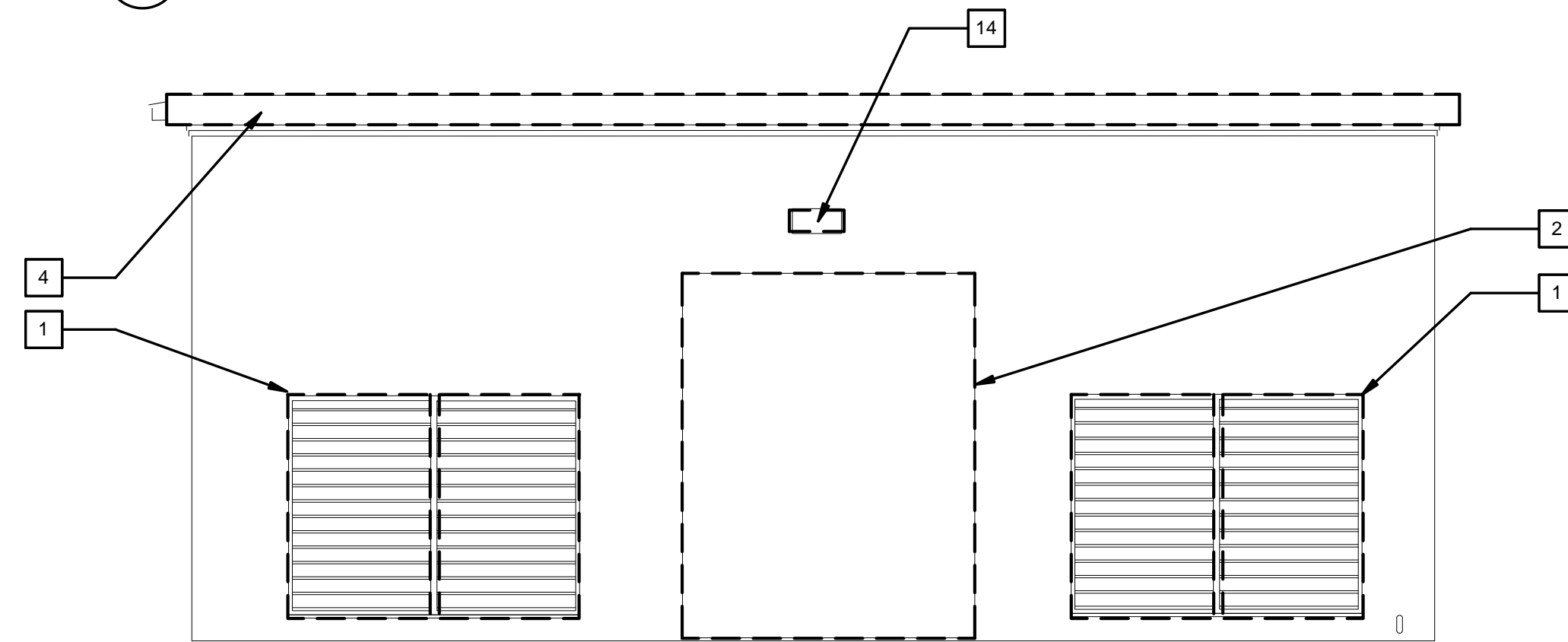
- 1 REMOVE WALL LOUVER AND WALL LOUVER FRAME
- 2 REMOVE OVERHEAD DOOR AND DOOR WALL TRACK
- 3 REMOVE EXISTING INFILL SECTION OF WALL FOR NEW DOOR OPENING
- 4 EXISTING ROOF DEMOLITION BY OTHERS
- 5 REMOVE EXISTING DOOR & FRAME
- 6 EXISTING DOOR CANOPY
- 7 REMOVE EXISTING GUTTERS AND DOWNSPOUTS - BY OTHERS
- 8 REMOVE EXISTING FLOOR DRAINS
- 9 COORDINATE REMOVAL W/ ELECTRICAL CONTRACTOR
- 10 EXISTING CONCRETE PAD TO REMAIN
- 11 REMOVE EXTERIOR LIGHTING - REFER TO ELECTRICAL PLANS FOR PLACEMENT OF NEW FIXTURES
- 12 EXISTING 2" DROP IN PAVEMENT
- 13 EXISTING ELECTRICAL CONDUIT TO REMAIN
- 14 REMOVE EXISTING LIGHT FIXTURE / WIRING AND CONDUIT TO REMAIN FOR INSTALLATION OF NEW WALL PACK
- 15 REMOVE EXISTING WALL SIGNAGE
- 16 REMOVE EXISTING EXHAUST FAN OPENINGS AND INFILL IN CEILING ABOVE - PATCH AND REPAIR ROOF OPENING - REFER TO DETAIL 11 AND 12 ON SHEET A7.0



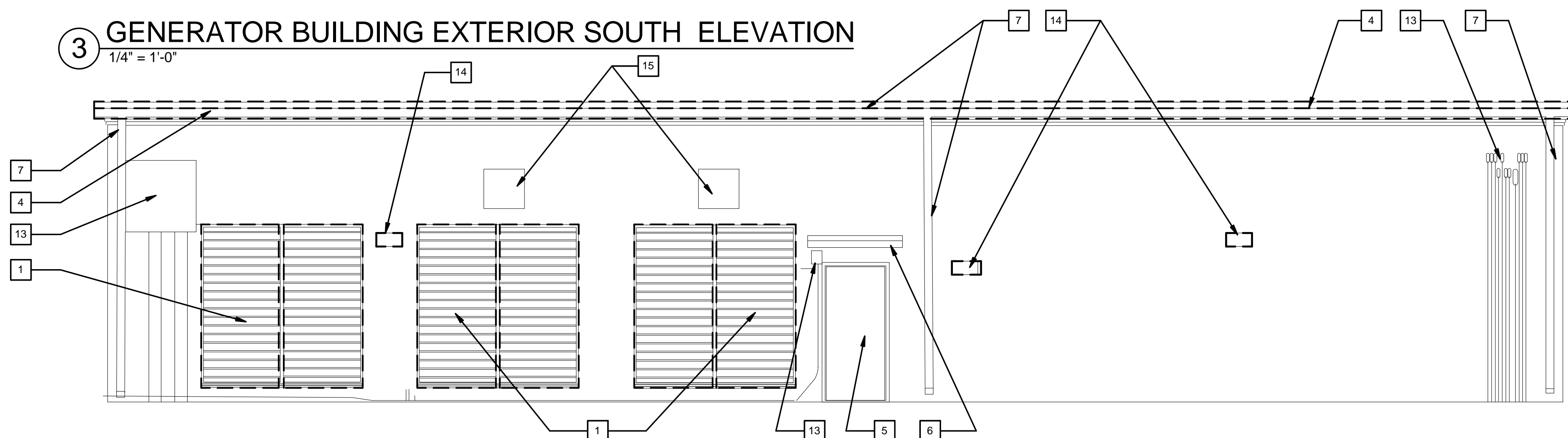
1 GENERATOR BUILDING EXTERIOR NORTH ELEVATION
1/4" = 1'-0"



2 GENERATOR BUILDING EXTERIOR EAST ELEVATION
1/4" = 1'-0"



3 GENERATOR BUILDING EXTERIOR SOUTH ELEVATION
1/4" = 1'-0"



4 GENERATOR BUILDING EXTERIOR WEST ELEVATION
1/4" = 1'-0"

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DEMOLITION ELEVATIONS - WEST
ELECTRICAL BUILDING

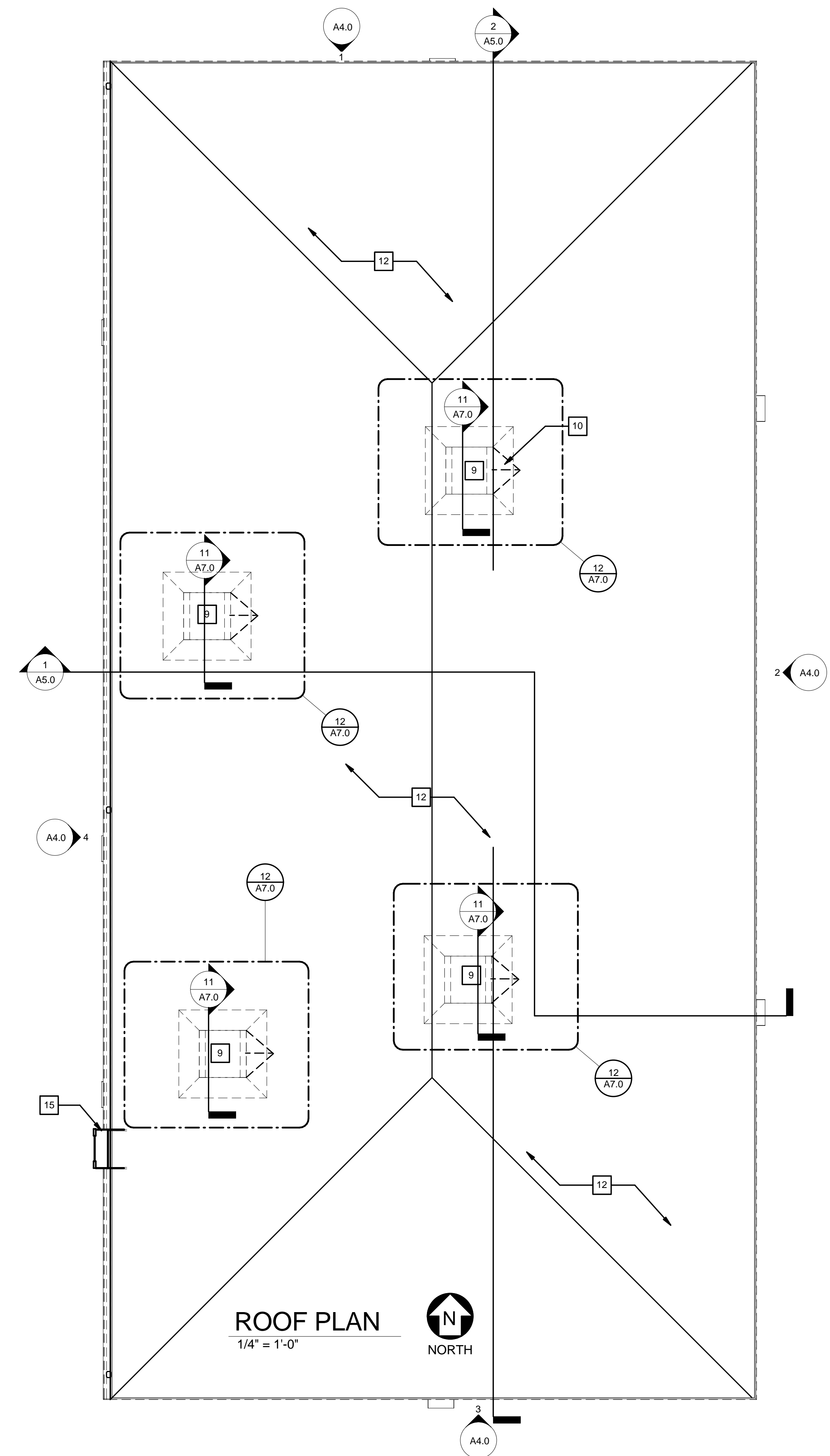
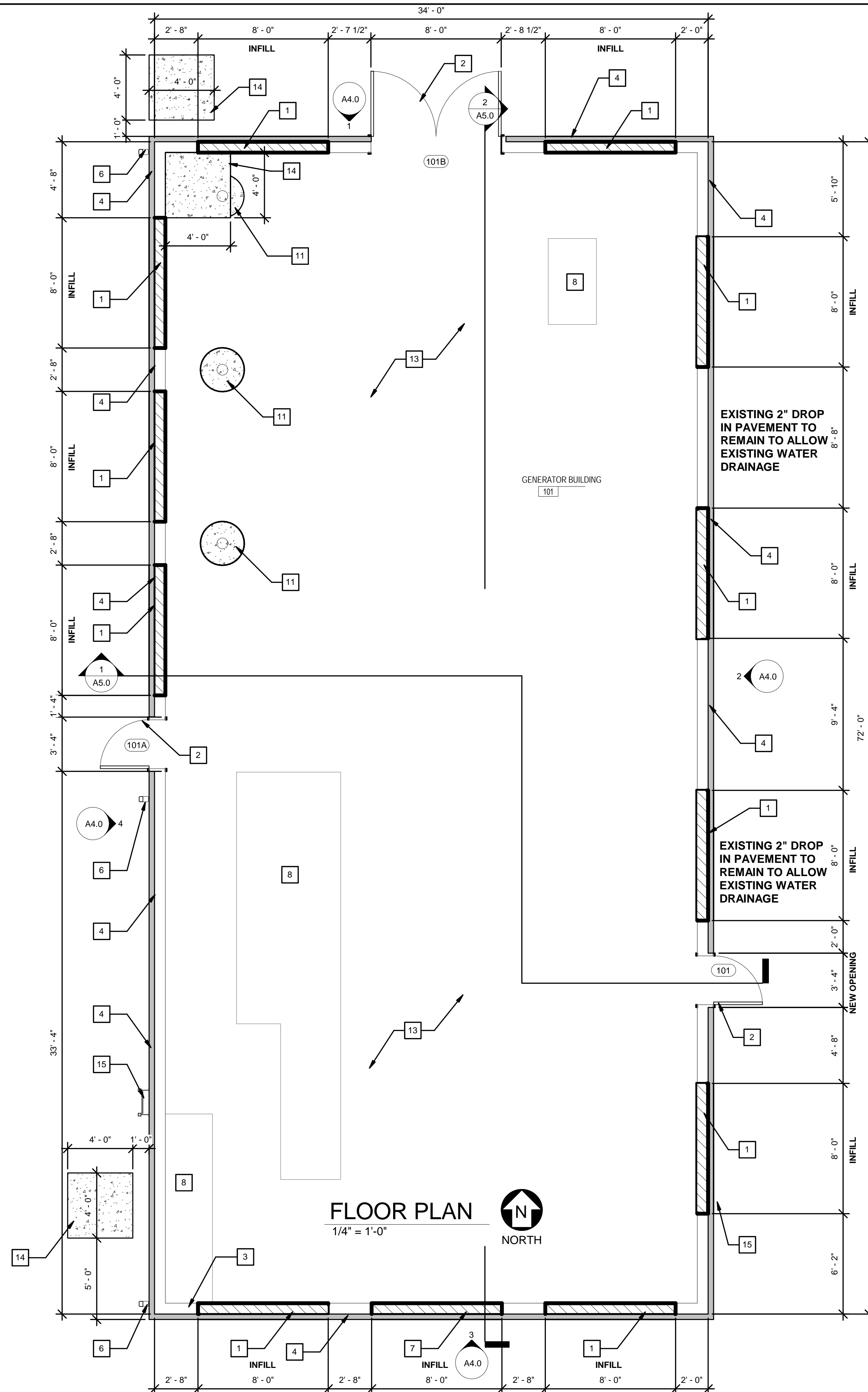
JOHN A. BAER, AIA
REGISTERED ARCHITECT
FLORIDA LICENSE # AR93193

OCU FILE NO.: 74866
DESIGNED BY: JAB
DRAWN BY: LDM
CHECKED BY: JAB
CADD FILE:

SCALE: As Shown
DRAWING NO.:
A2.0
SHEET 5 OF 71

FLOOR PLAN KEYNOTES

- 1 INFILL EXISTING LOUVER OPENINGS WITH REINFORCED MASONRY
- 2 INSTALL NEW ALUMINUM DOOR AND FRAME
- 3 REPAIR WALL CRACKING
- 4 INSTALL EIFS SYSTEM ON EXTERIOR WALL FROM 8" ABOVE GRADE TO EAVE
- 5 NEW ROOFING BY OTHERS
- 6 NEW GUTTER AND DOWNSPOUTS - BY OTHERS - REFER TO ROOF INSTALLATION DRAWINGS FOR ROOF CONSTRUCTION AND GUTTER / DOWNSPOUT LOCATIONS
- 7 INFILL EXISTING ROLL UP DOOR
- 8 EXISTING RAISED INTERIOR EQUIPMENT PAD
- 9 INFILL EXISTING ROOF TOP PENETRATION
- 10 REMOVE EXISTING ROOF TOP UNIT AND SEAL ROOF OPENING AND REPAIR INTERIOR CEILING TO MATCH EXISTING ADJACENT FINISHES - REFER TO 11/A7.0
- 11 APPLY "ARDEX" (OR APPROVED EQUAL) SELF LEVELING CONCRETE TO AREAS OF FLOOR DRAIN REMOVAL - LEVEL ALL CONCRETE SLOPING TO DRAIN
- 12 FOR ROOF DESIGN, INSULATION, DEMOLITION AND NEW CONSTRUCTION REFER TO ROOFING PLANS
- 13 PAINT FLOOR WITH EPOXY PAINT - REMOVE ALL PROJECTIONS, ALL DEBRIS AND CONTAMINATES DETRIMENTAL TO MOISTURE VAPOR TOLERANT EPOXY FLOOR SYSTEM, INCLUDING DIRT, OIL/HYDROCARBON/ORGANIC CONTAMINATES, GREASE, METALLIC SHAKE-ON HARDENERS AND SURFACE COATINGS AFFECTING BOND. EFFECTIVELY REMOVE CONCRETE LAITANCE BY STEEL SHOT BLASTING OR DIAMOND GRINDING BEFORE APPLYING EPOXY COATING
- 14 NEW 4" THICK HOUSEKEEPING PAD
- 15 ROOF LADDER - ATTACH TO WALL - FINAL LADDER LOCATION TO BE CONFIRMED BY THE COUNTY RPR



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FLOOR AND ROOF PLAN - WEST ELECTRICAL BUILDING

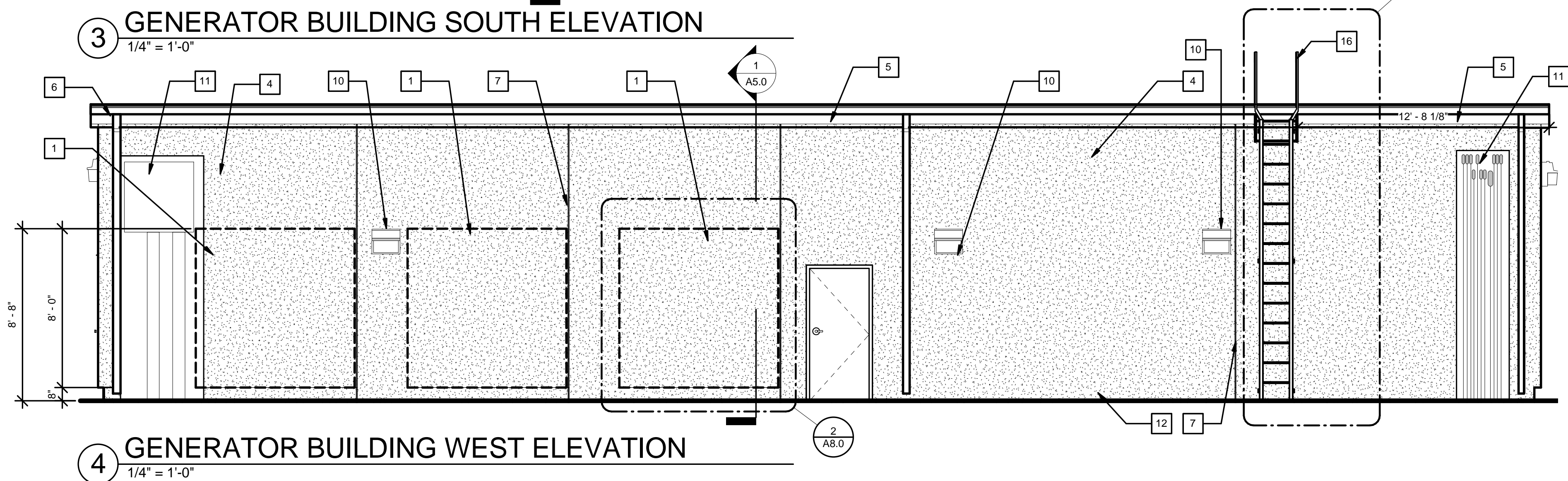
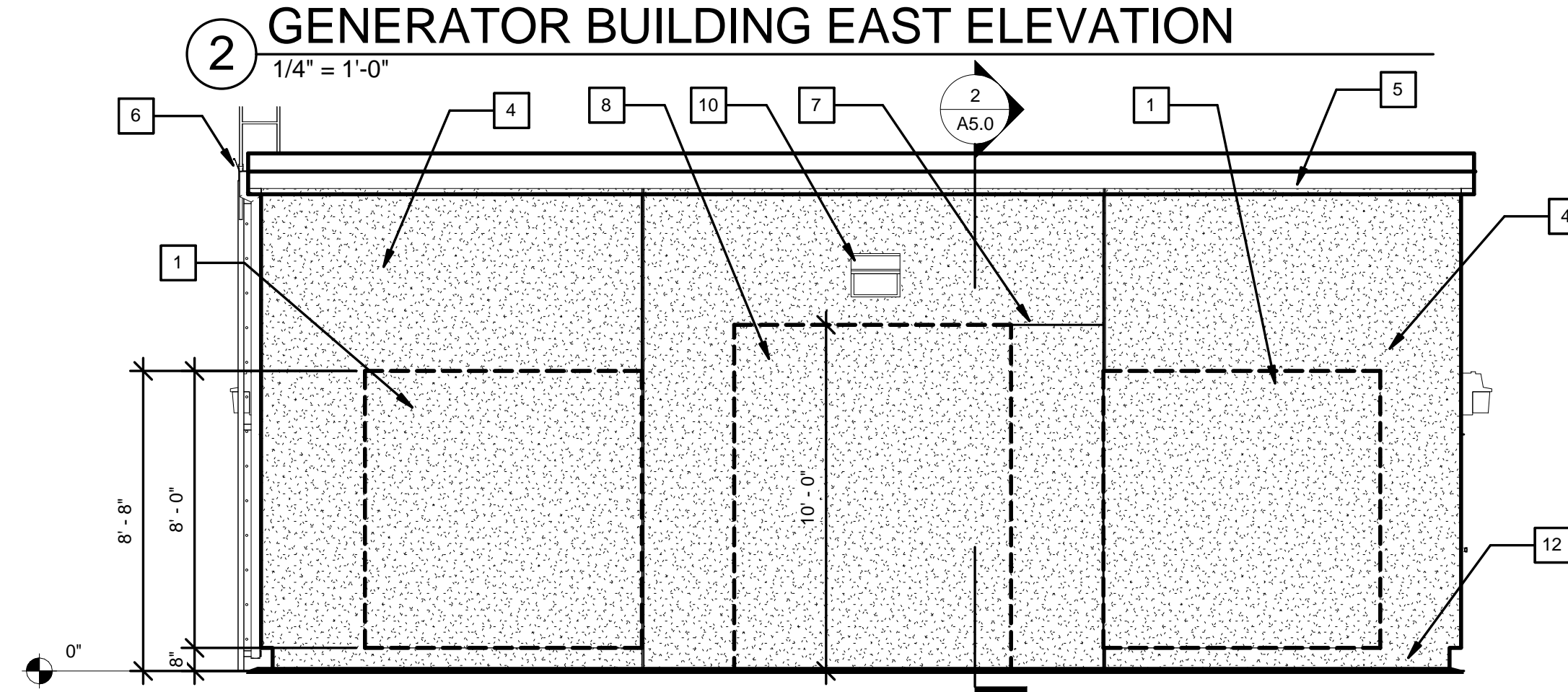
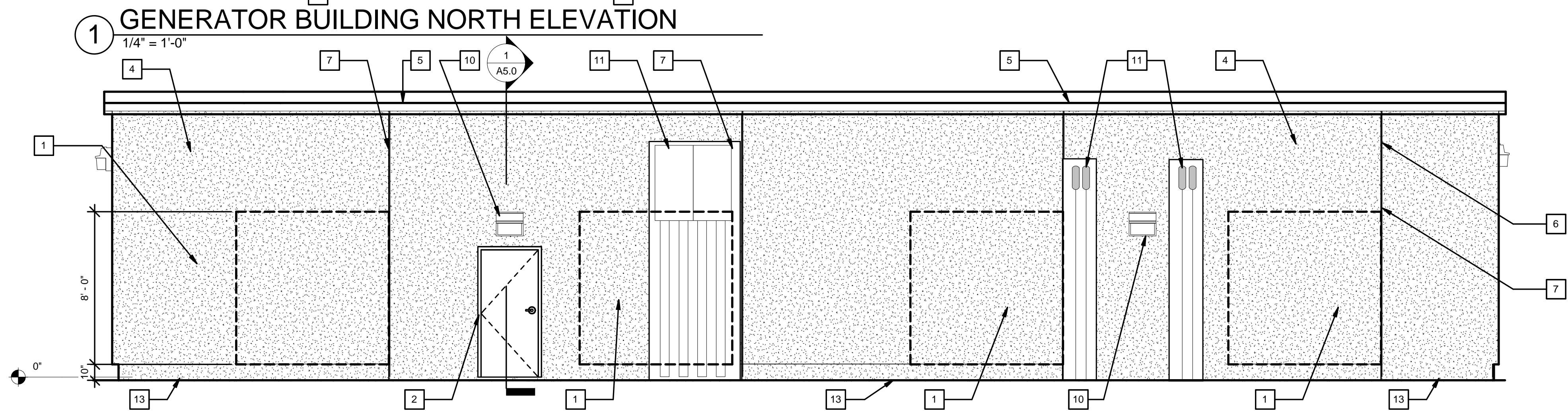
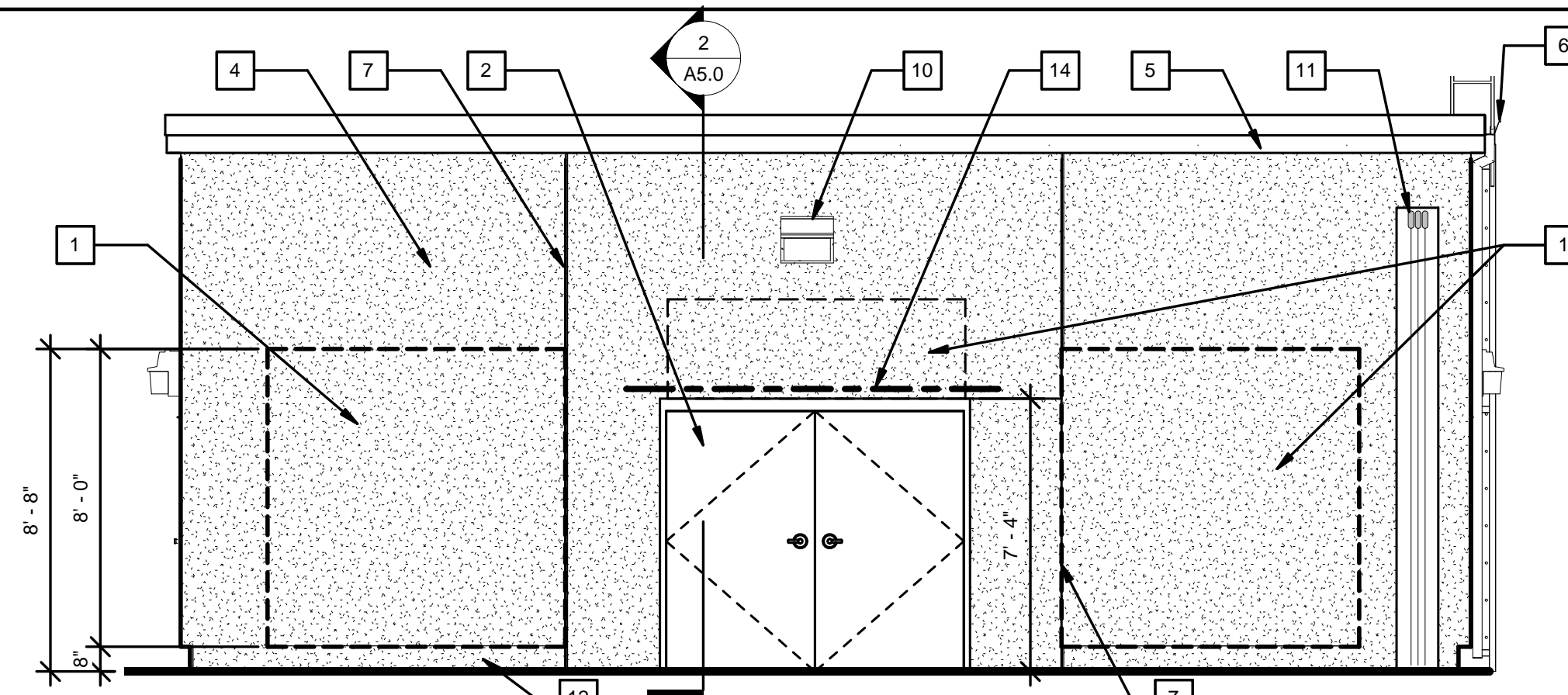
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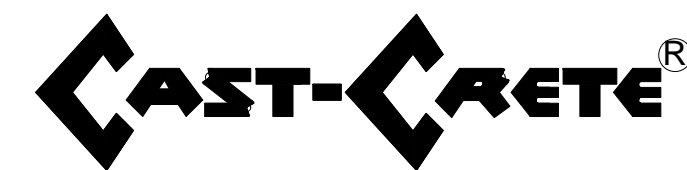
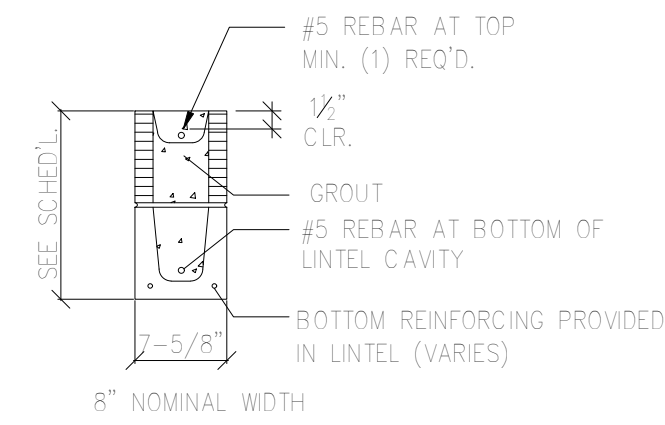
SCALE: As Shown
DRAWING NO.:
A3.0
SHEET 6 OF 71

ELEVATION KEYNOTES

- 1 INFILL EXISTING LOUVER OPENINGS W/ CMU BLOCK
- 2 INSTALL NEW ALUMINUM DOORS AND FRAME
- 3 REPAIR WALL CRACKING
- 4 INSTALL EIFS SYSTEM ON EXTERIOR WALL - PAINT, REFER TO OWNER FOR COLOR
- 5 NEW FASCIA BY OTHERS
- 6 INSTALL NEW GUTTERS AND DOWNSPOUTS - BY OTHERS, REFER TO ROOF INSTALLATION DRAWINGS FOR GUTTER AND DOWNSPOUT LOCATIONS
- 7 EIFS CONTROL JOINT
- 8 INFILL EXISTING ROLL UP DOOR W/ CMU BLOCK
- 9 COORDINATE RELAMP W/ ELECTRICAL CONTRACTOR
- 10 INSTALL NEW WALL PACK IN EXISTING WALL PACK LOCATION - SURFACE MOUNT OVER EXISTING EIFS - REFER TO ELECTRICAL AND EXTEND EXISTING JUNCTION BOX LOCATIONS
- 11 EXISTING ELECTRICAL CONDUIT TO REMAIN - BOX OUT EIFS AROUND EXISTING ELECTRICAL CONDUIT - PAINT TO MATCH ADJACENT FINISHES
- 12 LINE OF EIFS FINISH - 8" ABOVE GRADE - REFER TO DETAILS 3/A7.0 AND 4/A7.0
- 13 EXISTING 2" DROP IN PAVEMENT TO REMAIN
- 14 NEW LINTEL REFER TO LINTEL CHART ON THIS SHEET
- 15 G.C. TO UTILIZE EXISTING LINTEL IN WALL
- 16 ROOF LADDER - ATTACH TO WALL - FINAL LADDER LOCATION TO BE CONFIRMED BY THE COUNTY RPR



TYPE DESIGNATION:
8F16-1B/1T
F = FILLED WITH GROUT / U = UNFILLED
NUMBER OF #5 REBAR AT BOTTOM OF LINTEL CAVITY
NOMINAL HEIGHT
NOMINAL WIDTH
NUMBER OF #5 REBAR AT TOP

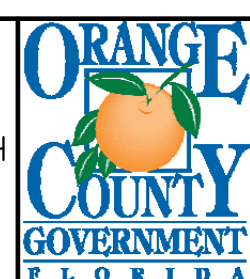


LINTEL SCHEDULE

MARK	TYPE	ALLOWABLE LOADS (lbs./ft.)	COMMENTS
L1	10F8-1B/1T	1011 GRAVITY / 727 UPLIFT	UP TO 10'-0" ROUGH OPENING PRECAST LINTEL, PROVIDE 8" END BEARING EA SIDE

REV	DATE	DESCRIPTION

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ELEVATIONS - WEST ELECTRICAL BUILDING

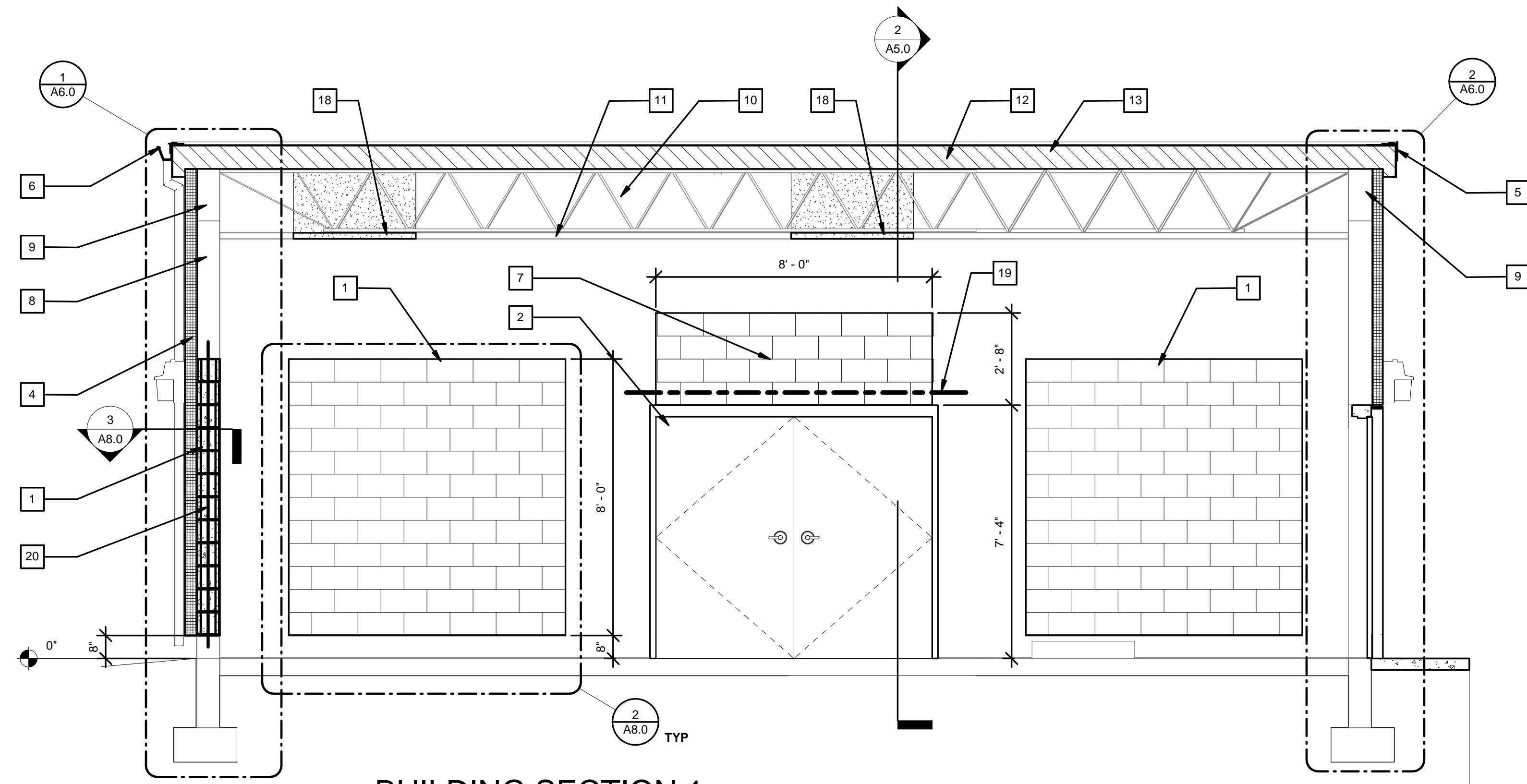
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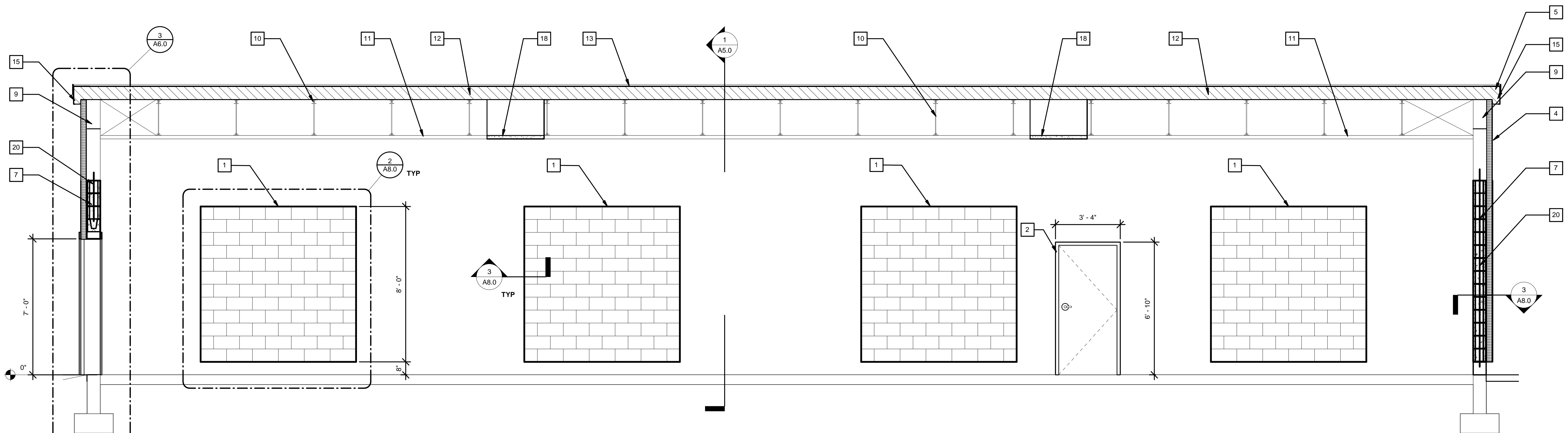
SCALE: As Shown
DRAWING NO.: A4.0
SHEET 7 OF 71

SECTION KEYNOTES

- 1 NEW MASONRY INFILL AT EXISTING LOUVER OPENINGS
- 2 INSTALL NEW ALUMINUM DOORS AND FRAME
- 3 REPAIR WALL CRACKING
- 4 INSTALL EIFS SYSTEM ON EXTERIOR WALL
- 5 NEW PREFINISHED METAL FLASHING - BY OTHERS
- 6 NEW GUTTERS AND DOWNSPOUTS - BY OTHERS
- 7 NEW MASONRY WALL INFILL
- 8 EXISTING CMU WALL TO REMAIN
- 9 EXISTING 8" THICK CONTINUOUS CONCRETE BEAM
- 10 EXISTING METAL TRUSSES TO REMAIN
- 11 EXISTING HARD CEILING TO REMAIN
- 12 EXISTING 3" LAYER OF LIGHTWEIGHT CONCRETE OVER METAL DECK - REFER TO EXISTING ROOFING REPORT
- 13 NEW BUILT UP ROOFING SYSTEM BY OTHERS
- 14 P.T. WOOD BLOCKING BY OTHERS
- 15 NEW FASCIA BOARD BY OTHERS
- 16 DRIP EDGE BY OTHERS
- 17 CONTINUOUS BACKER ROD AND SEALANT
- 18 REPAIR EXISTING CEILING OPENING REFER TO DETAIL 11/A7.0
- 19 NEW LINTEL - REFER TO CHART ON SHEET A4.0
- 20 #5 REBAR VERTICAL REINFORCEMENT @ 48" O.C.



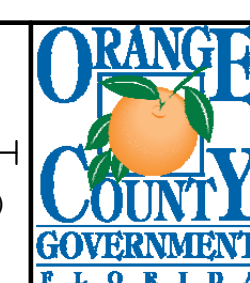
1 BUILDING SECTION 1
3/8" = 1'-0"



2 BUILDING SECTION 2
3/8" = 1'-0"

REV	DATE	DESCRIPTION

LINE IS 2 INCHES
AT FULL SIZE
(IF NOT SCALE ACCORDINGLY)



ORANGE COUNTY
UTILITIES DEPARTMENT
ENGINEERING DIVISION
9156 CURRY FORD ROAD ORLANDO, FL 32825



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Landscape Lic. No. LC0000298

BUILDING SECTIONS - WEST ELECTRICAL
BUILDING

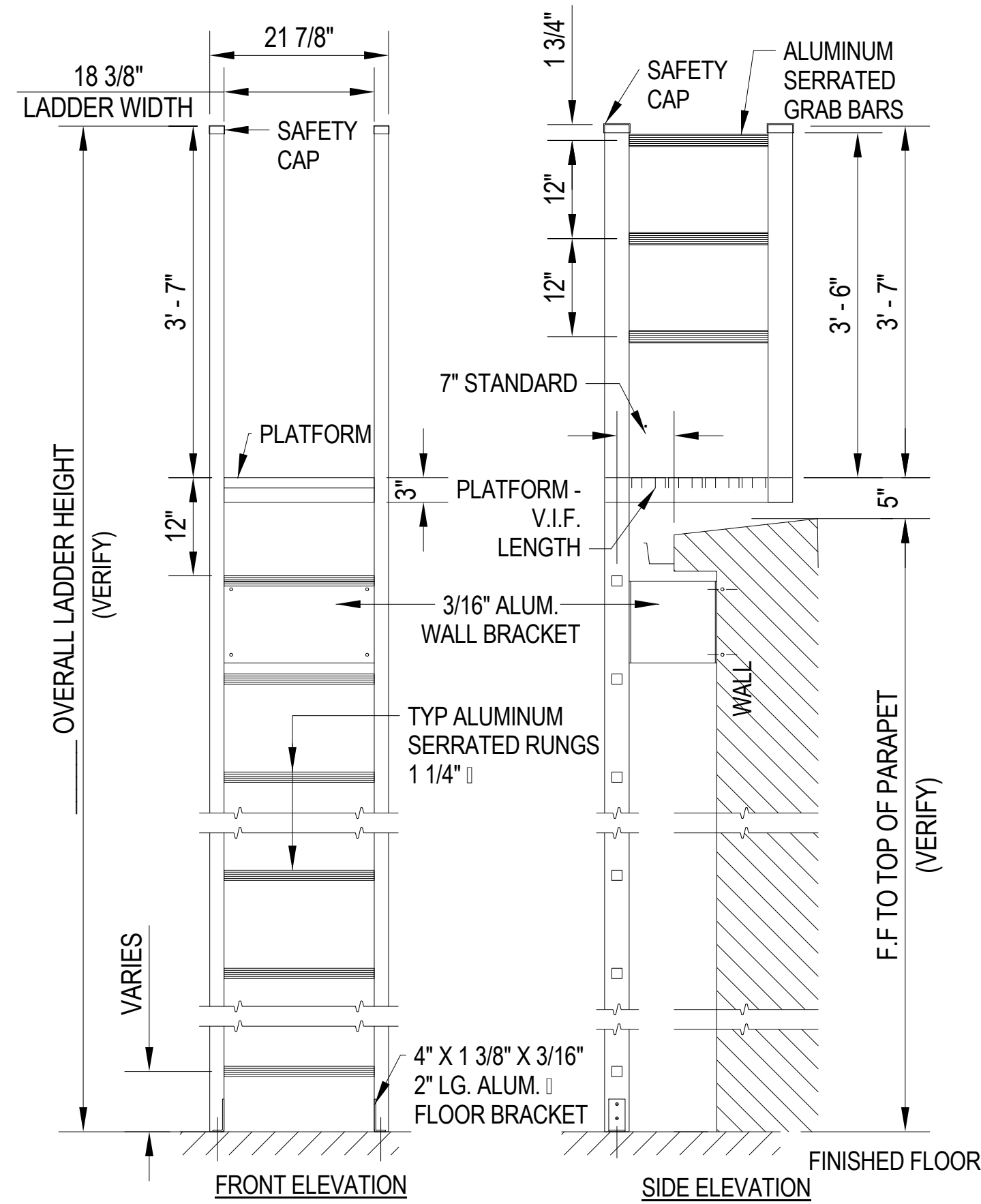
JOHN A. BAER, AIA
REGISTERED ARCHITECT
FLORIDA LICENSE # AR93193

OCU FILE NO.: 74866
DESIGNED BY: JAB
DRAWN BY: LDM
CHECKED BY: JAB
CADD FILE:

SCALE: As Shown
DRAWING NO.:
A5.0
SHEET 8 OF 71

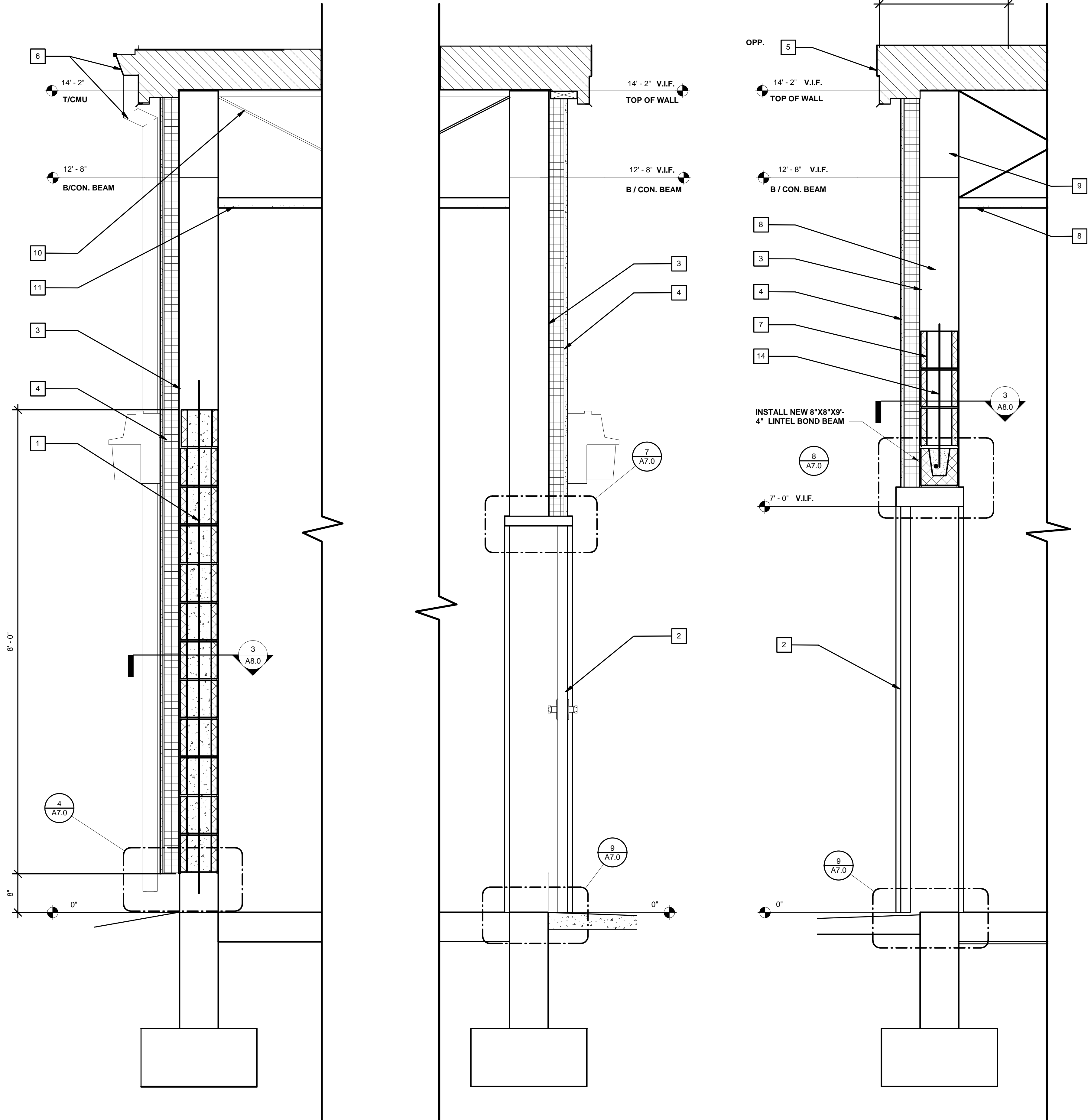
SECTION KEYNOTES

- 1 NEW REINFORCED MASONRY INFILL AT EXISTING LOUVER OPENINGS
- 2 INSTALL NEW ALUMINUM DOORS AND FRAMES
- 3 REPAIR WALL CRACKING
- 4 INSTALL EIFS SYSTEM ON EXTERIOR WALL
- 5 NEW PREFINISHED ALUMINUM METAL FLASHING - BY OTHERS
- 6 NEW GUTTERS AND DOWNSPOUTS BY OTHERS
- 7 NEW REINFORCED MASONRY WALL INFILL
- 8 EXISTING CMU WALL TO REMAIN
- 9 EXISTING 8" THICK CONTINUOUS CONCRETE BEAM
- 10 EXISTING METAL TRUSSES
- 11 EXISTING HARD CEILING TO REMAIN
- 12 EXISTING 3" LAYER OF LIGHTWEIGHT CONCRETE OVER METAL DECK - REFER TO ROOFING REPORT
- 13 NEW BUILT UP ROOF - BY OTHERS
- 14 #5 VERTICAL REINFORCEMENT @ 48" O.C.



- NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 2. DO NOT SCALE DRAWINGS.
 3. INTERMEDIATE BRACKET REQ'D WHEN FINISH FLOOR TO TOP BRACKET IS MORE THAN 10'.
 4. USE DRAWING IN ACCORDANCE WITH 654-095A.

4 ROOF LADDER
3/4" = 1'-0"



1 WALL SECTION 1
1" = 1'-0"

2 WALL SECTION 2
1" = 1'-0"

3 WALL SECTION 3
1" = 1'-0"

REV	DATE	DESCRIPTION

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ORANGE COUNTY UTILITIES DEPARTMENT ENGINEERING DIVISION
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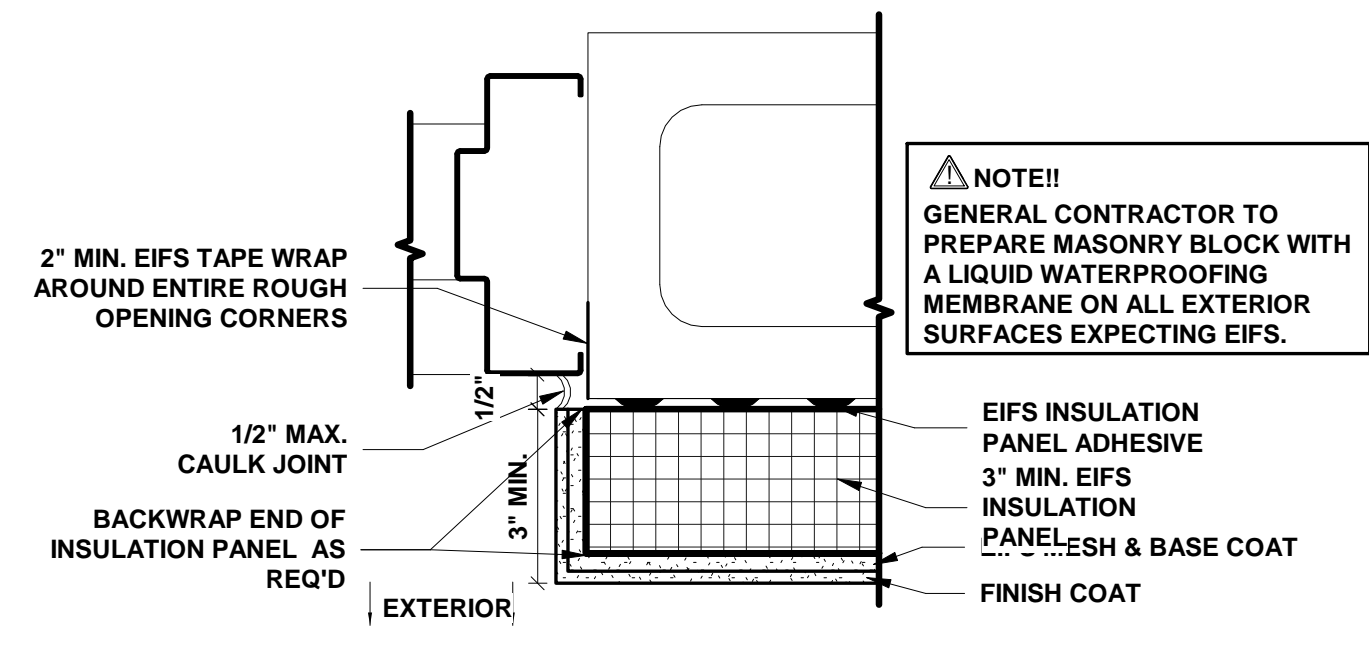
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Landscape Lic. No. LC0000298

WALL SECTIONS - WEST ELECTRICAL BUILDING

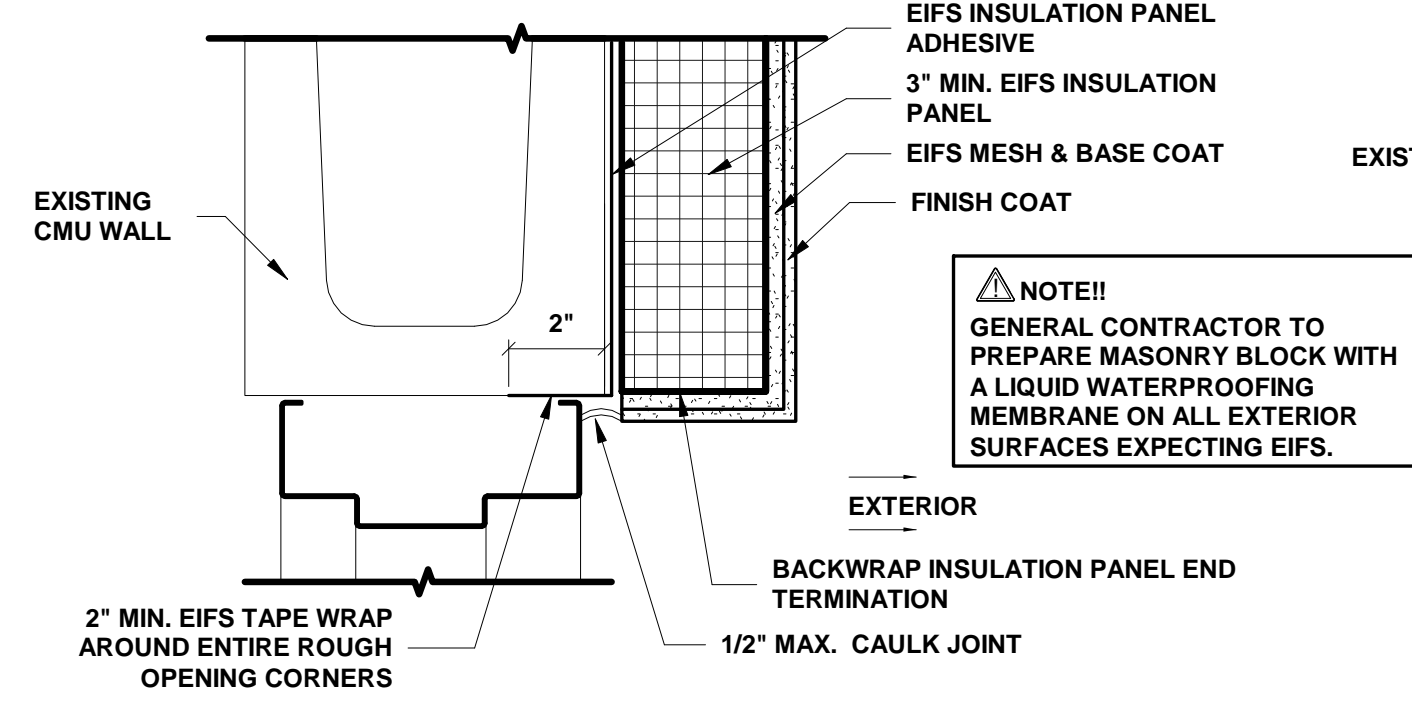
JOHN A. BAER, AIA
REGISTERED ARCHITECT
FLORIDA LICENSE # AR93193

OCU FILE NO.: 74866
DESIGNED BY: JAB
DRAWN BY: LDM
CHECKED BY: JAB
CADD FILE:

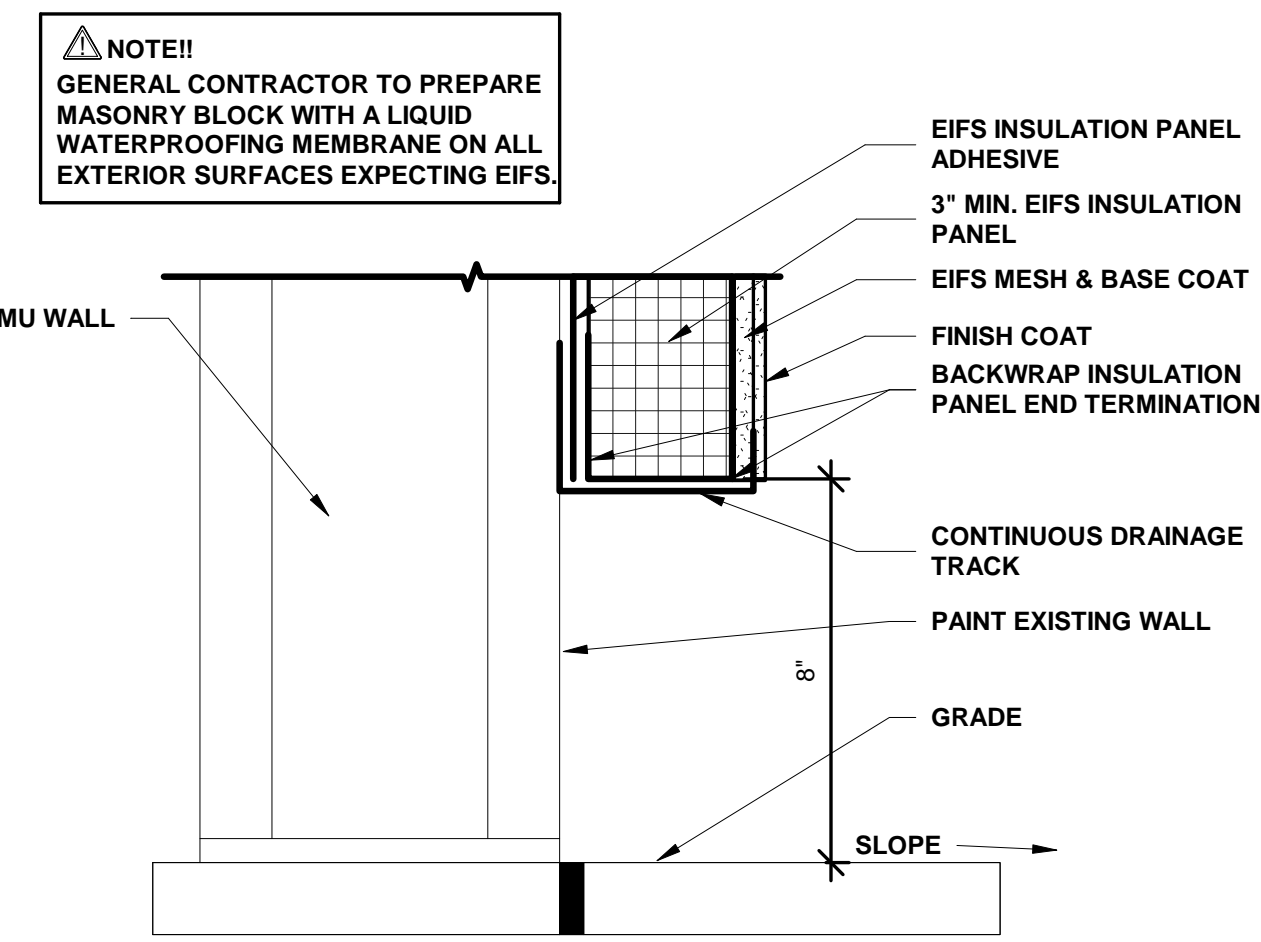
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DRAWING NO.: **A6.0**
SHEET 9 OF 71



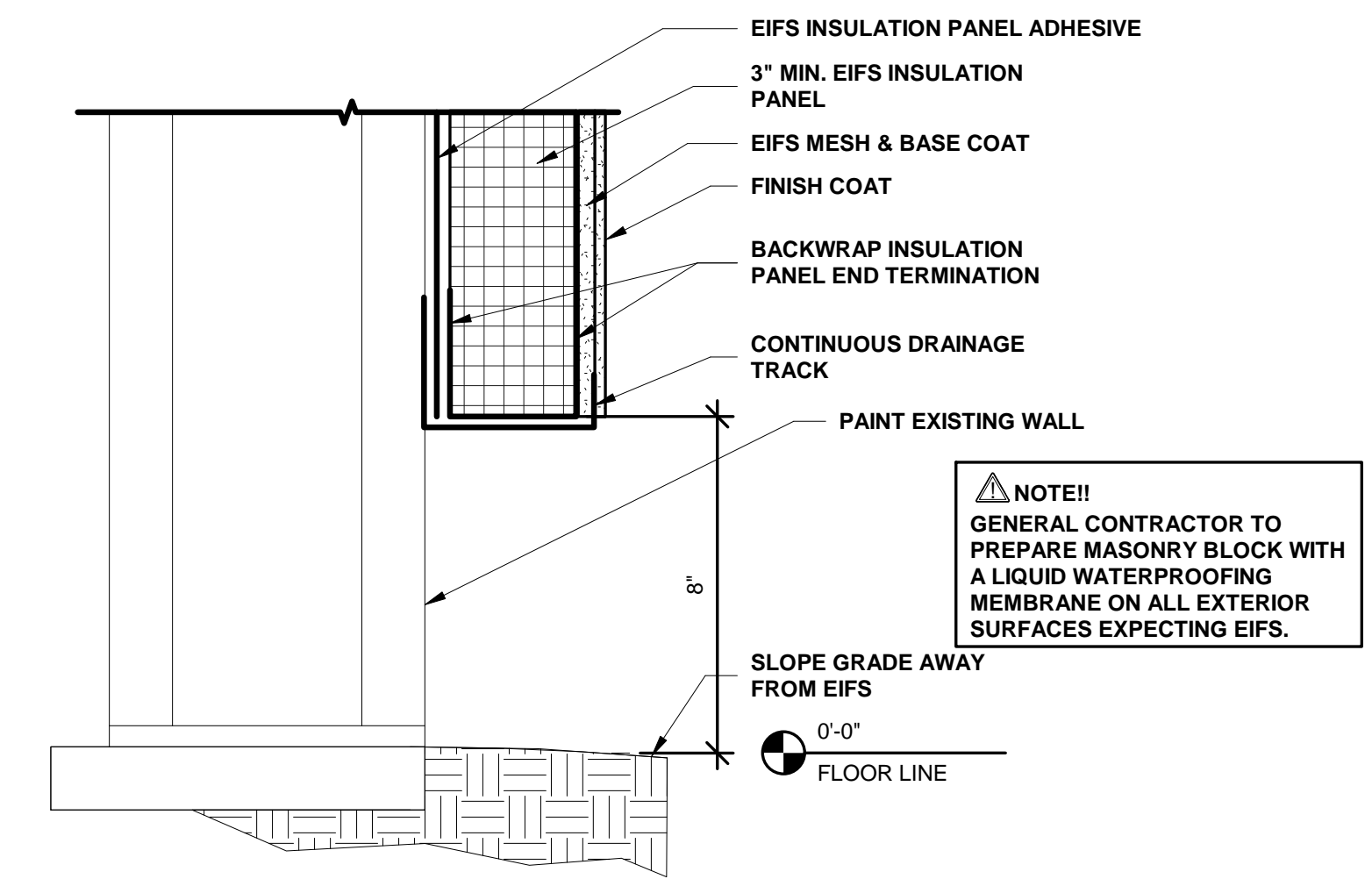
1 EIFS JAMB TERMINATION
3" = 1'-0"



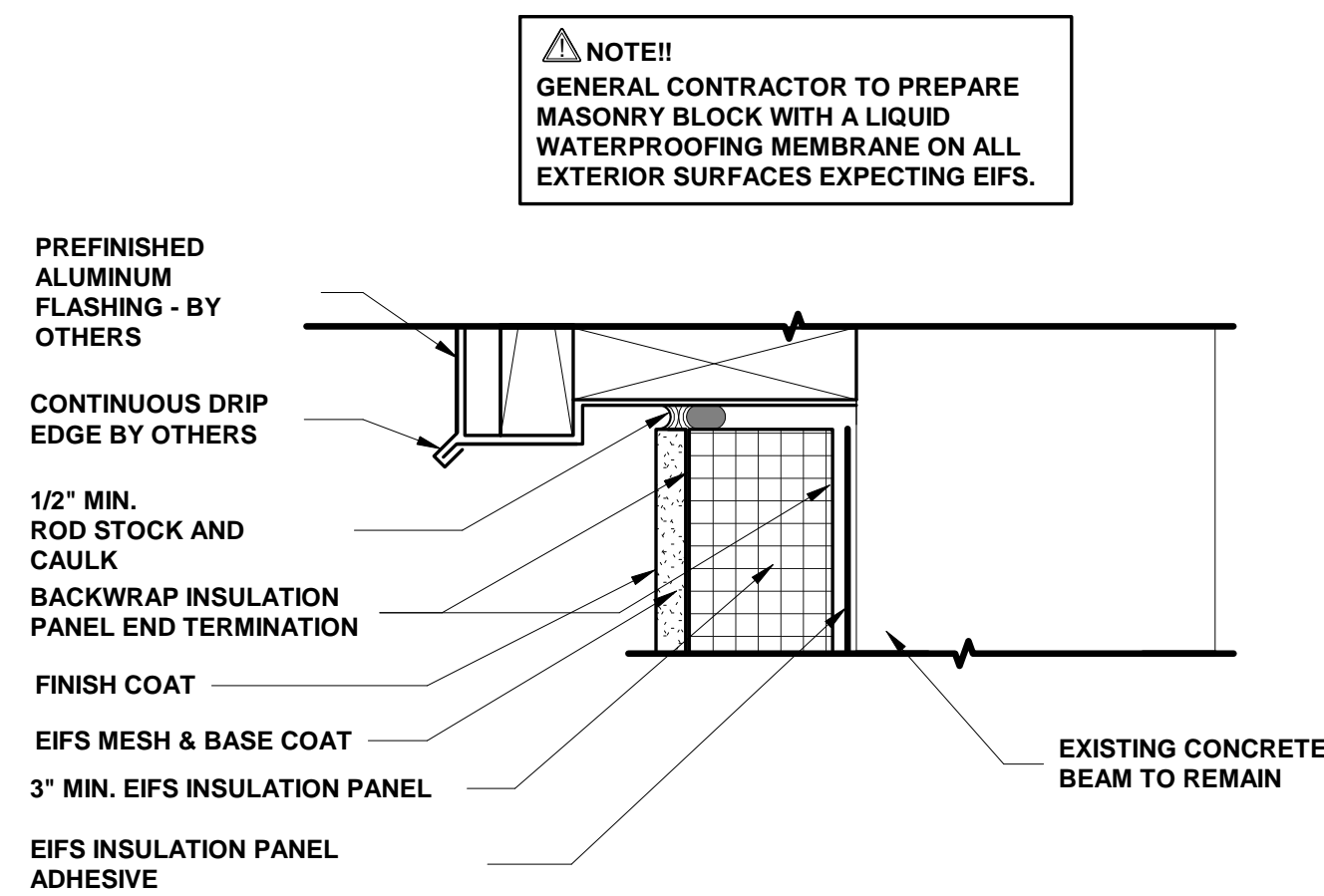
2 EIFS HEAD TERMINATION
3" = 1'-0"



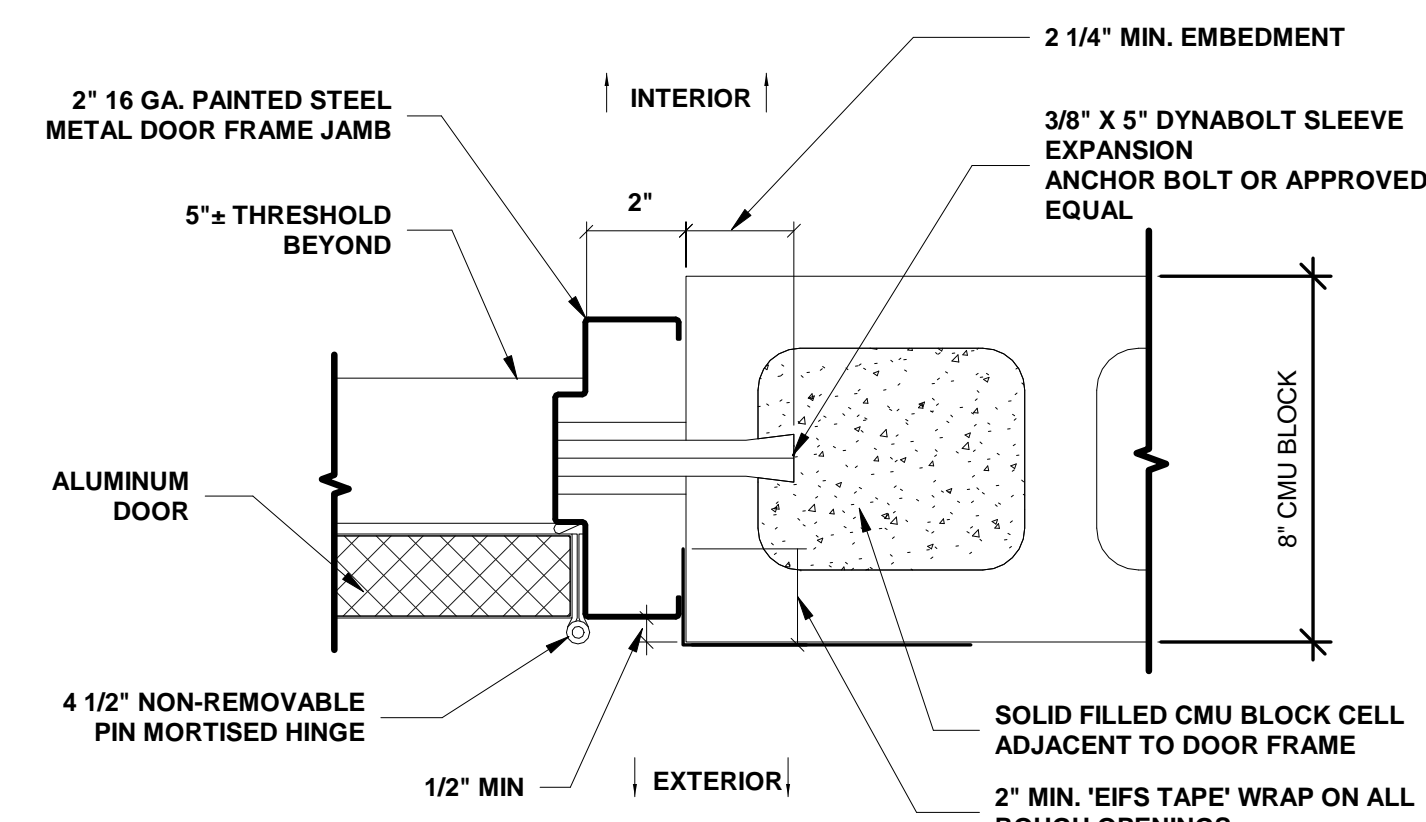
3 EIFS TERMINATION @ BASE
3" = 1'-0"



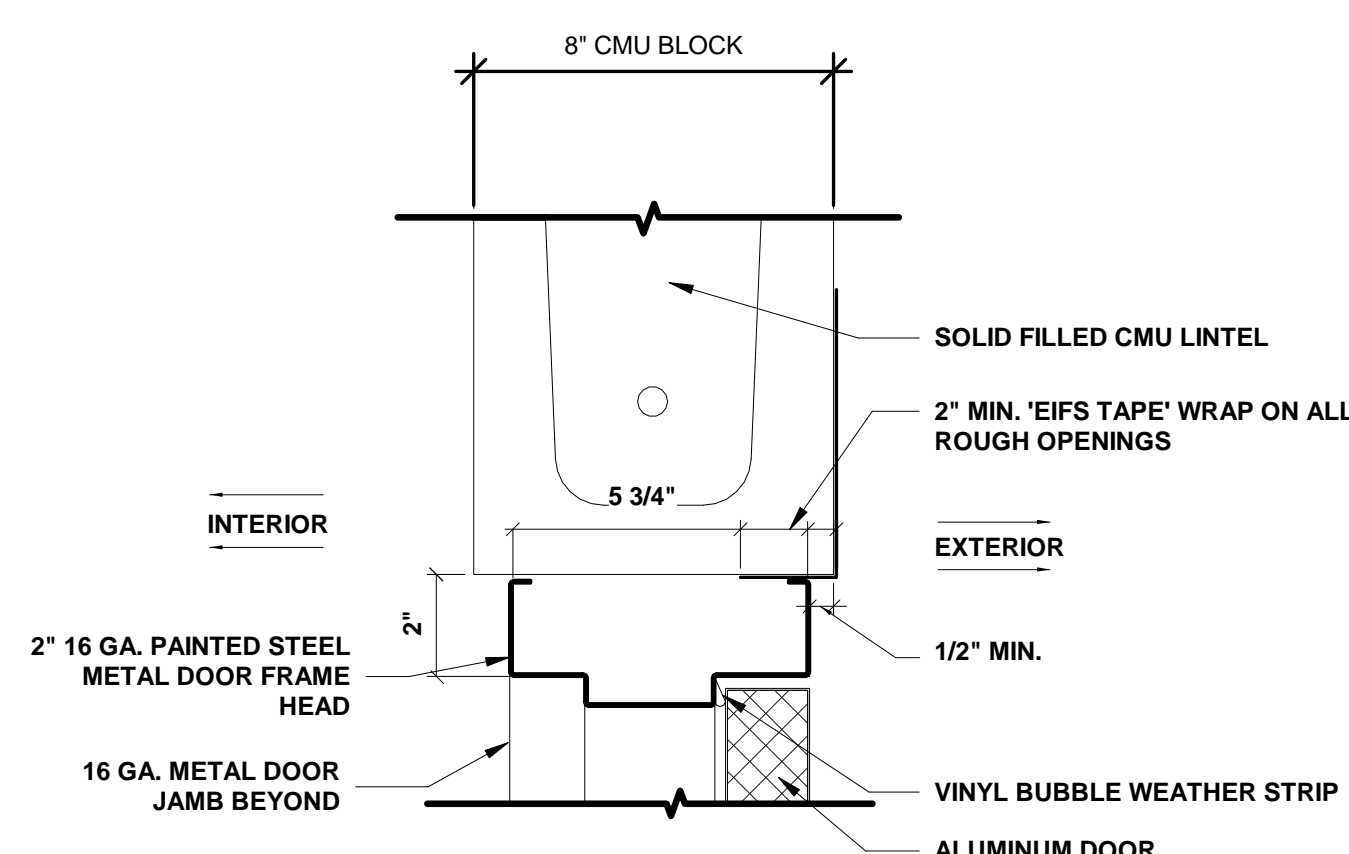
4 EIFS TERMINATION @ GROUND
3" = 1'-0"



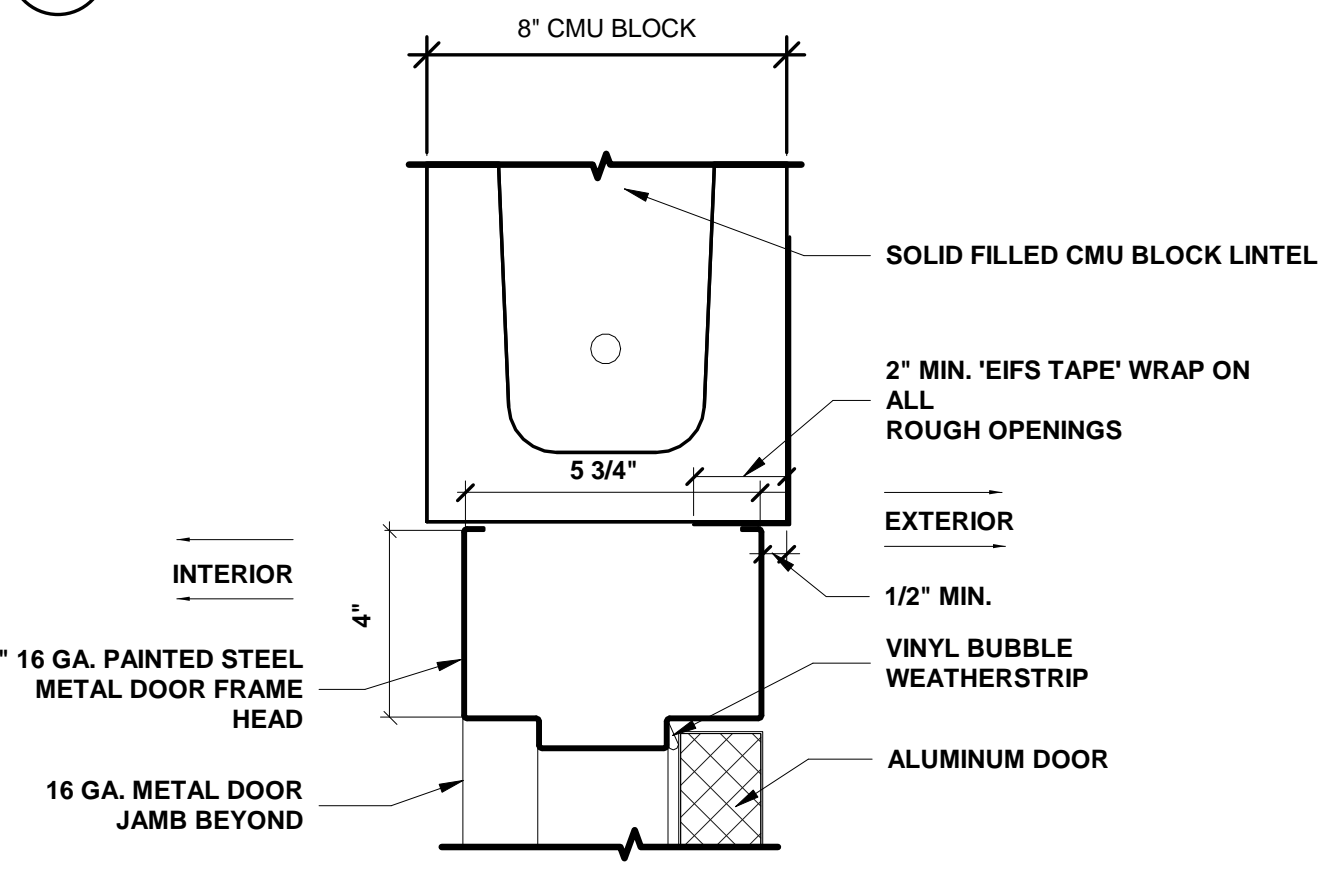
5 EIFS TERMINATION @ SOFFIT
3" = 1'-0"



6 TYPICAL DOOR JAMB
3" = 1'-0"



7 2" DOOR HEAD
3" = 1'-0"

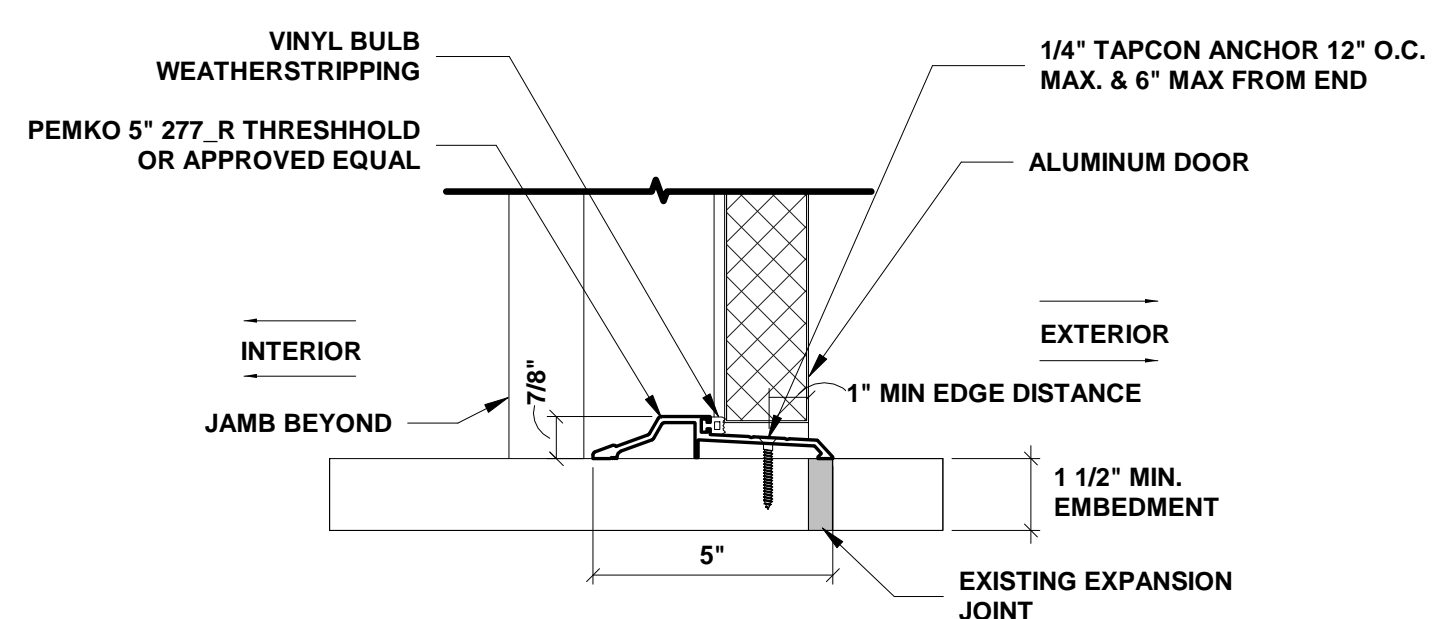


8 4" DOOR HEAD
3" = 1'-0"

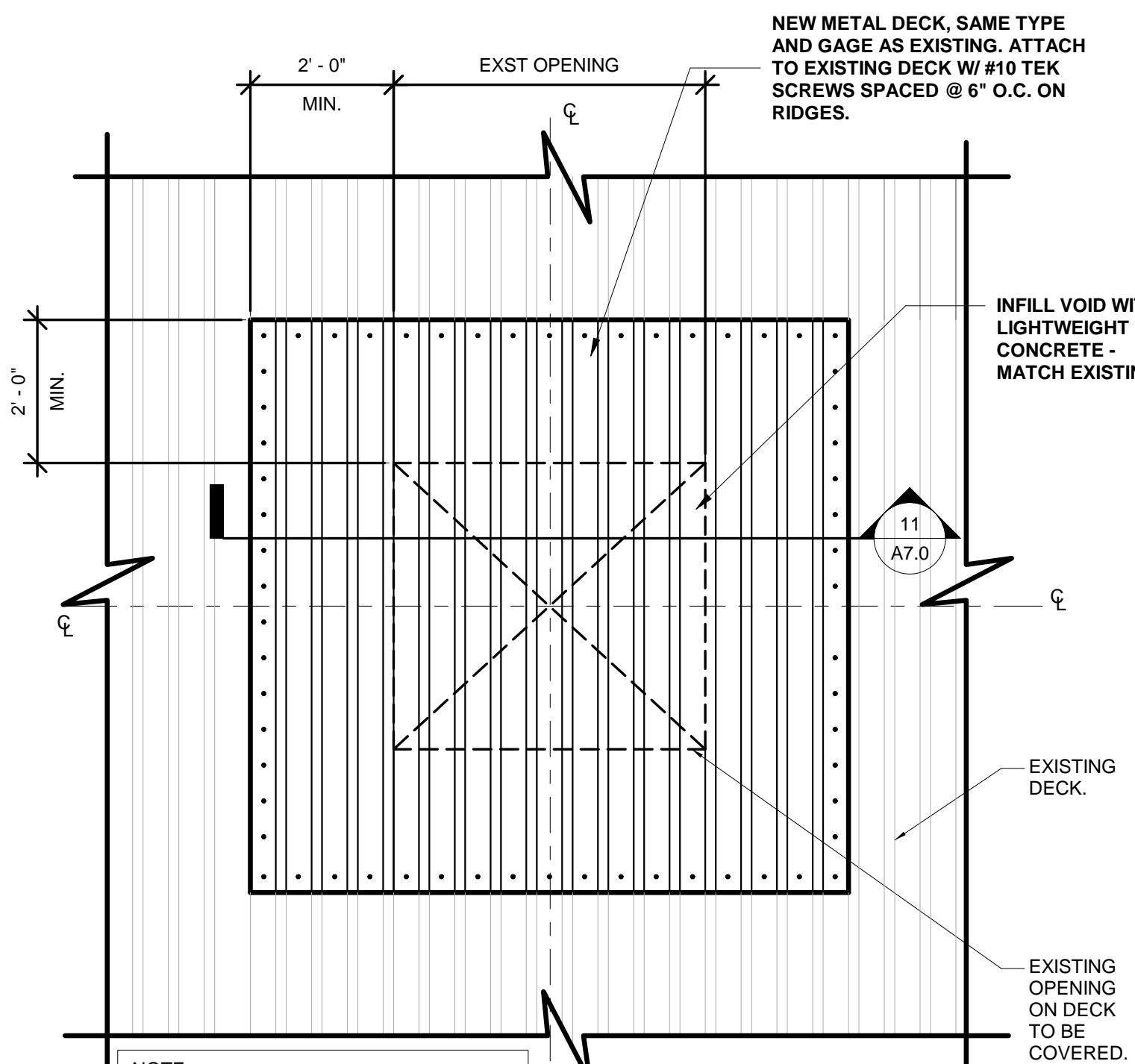
GENERAL NOTES:
(1) ALL FRAMES ARE INTENDED TO BUTT TO ANCHORING WALL. SHIM AS REQ'D. REFER TO DETAILS.
(2) ALL HARDWARE AS SPECIFIED OR APPROVED EQUAL
(3) ALL DOORS ARE CLINE ALUMINUM DOORS MODEL 100BE

GROUP 1:	HARDWARE SET 1 (DOORS 101, 101A)	FBB191 X 4.5" X 4.5" X NRP X 630	STANLEY
(3) HINGES	(1) MORTISE LOCK	45H-7D-14H-630	STANLEY
	(1) MORTISE CYLINDER	1E-74	STANLEY
	(1) DOOR CLOSER	D-3551-HS X AL	NATIONAL GUARD
	(1) GASKET	5050B X HD X JB X LAR	NATIONAL GUARD
	(1) THRESHOLD	896 X LAR	NATIONAL GUARD
	(1) RAIN DRIP	16A X 40"	NATIONAL GUARD
GROUP 2:	HARDWARE SET 2 (DOOR 101B)	FBB199 X 4.5" X 4.5" X NRP X 630"	STANLEY
(6) HINGES	(1) MORTISE LOCK	45H-7D-14H-630	STANLEY
	(1) MORTISE CYLINDER	1E-74	STANLEY
	(2) DOOR CLOSERS	D-4551-HS X AL	STANLEY
	(2) SURFACE BOLTS	SB360 X 12" X US26D	IVES
	(1) ASTRAGAL	BY DOOR MANUFACTURER	NATIONAL GUARD
	(1) GASKET	5050B X HD X JB X LAR	NATIONAL GUARD
	(1) THRESHOLD	896 X LAR	NATIONAL GUARD
	(1) RAIN DRIP	16D X 100"	NATIONAL GUARD

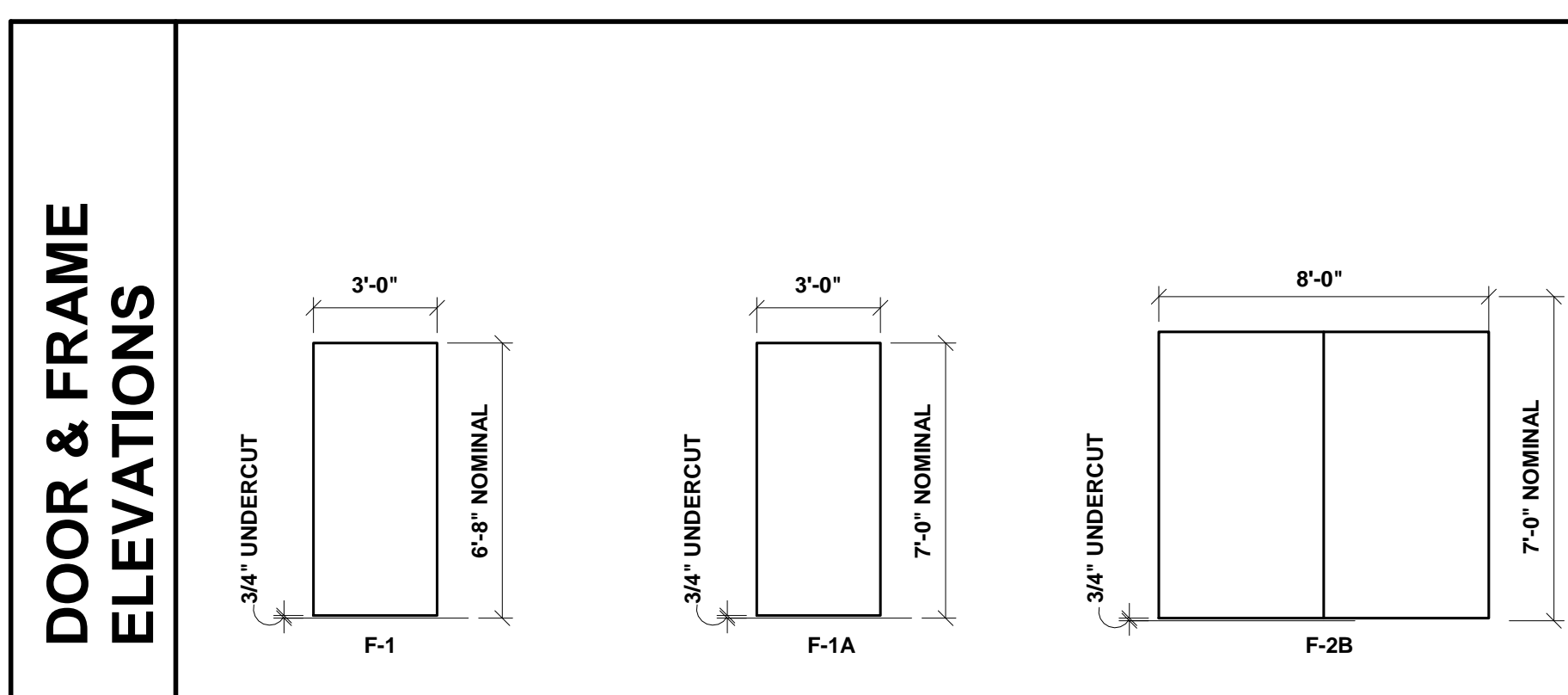
NOTE: EQUAL PRODUCTS TO STANLEY (AS SPECIFIED) FROM DORMA OR SARGENT MAY BE USED. ALL EXTERIOR LOCKS MUST MEET MIAMIDADE COUNTY NOA OR FBC HURRICANE REQUIREMENTS.



9 DOOR THRESHOLD (SILL)
3" = 1'-0"

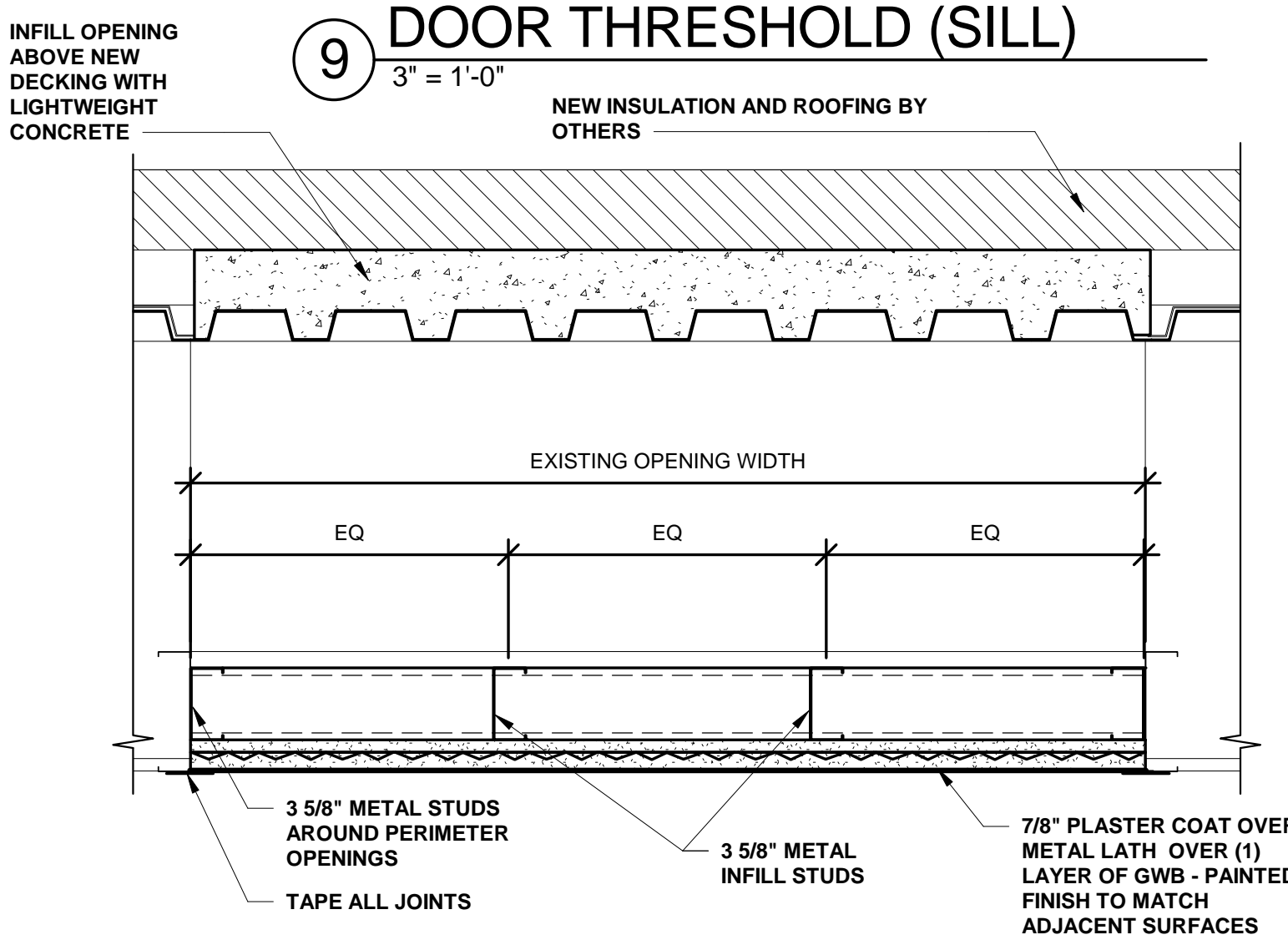


12 METAL DECK INFILL DETAIL
1/2" = 1'-0"



ITEM NO.	LOCATION				DOOR	FRAME				HARDWARE				REMARKS												
	DOOR NO.	FROM	TO	QTY.		HAND	SIZE			ANCHOR WALL TYPE	DETAILS															
							WIDTH	HEIGHT	THK.		TYPE	MATERIAL	FINISH		DEPTH	HEAD	JAMB	SILL								
1	101	EXT	INT	1	LHRB	F-1	AL	AN	3'-0"	6'-8"	1-3/4"	01	AL	AN	2" HD 2" JMB	CMU	2/A7.0	1/A7.0	9/A7.0	1	4-1/2"	X	X	X	-	POLYSTYRENE CORE
2	101A	EXT	INT	1	LHRB ACTIVE	F-2A	AL	AN	3'-0"	7'-0"	1-3/4"	02	AL	AN	4" HD 2" JMB	CMU	8/A7.0	1/A7.0	9/A7.0	1	4-1/2"	X	X	X	-	POLYSTYRENE CORE
3	101B	EXT	INT	1	RHRB INACTIVE	F-2B	AL	AN	(2)X4'-0"	7'-0"	1-3/4"	02	AL	AN	4" HD 2" JMB	CMU	8/A7.0	1/A7.0	9/A7.0	2	4-1/2"	-	-	X	X	POLYSTYRENE CORE

DOOR SCHEDULE GENERAL NOTES:
(1) REFER TO HAND CHART FOR STANDARD HANDING DESIGNATIONS.
(2) REFER TO DOOR & FRAME ELEVATIONS FOR TYPE NOMENCLATURE
(3) INDICATE GAUGE OF MATERIAL FOR STEEL. WHEN MATERIALS OTHER THAN STEEL ARE USED, INDICATE AL FOR ALUMINUM OR WD FOR WOOD.
(4) INDICATE FINISH. INDICATE ST FOR STAIN OR PT FOR PAINT OR AN FOR ANODIZED.
(5) ALL DOORS ARE 3/4" UNDERCUT UNLESS OTHERWISE SPECIFIED.
(6) DOOR SCHEDULE FOLLOWS RECOMMENDED STANDARDS SET BY STEEL DOOR INSTITUTE. ALL DOOR SIZES & FRAME PROFILES ARE SOURCED FROM REPUBLIC DOORS.



11 PLASTER CEILING INFILL
1 1/2" = 1'-0"

REV	DATE	DESCRIPTION

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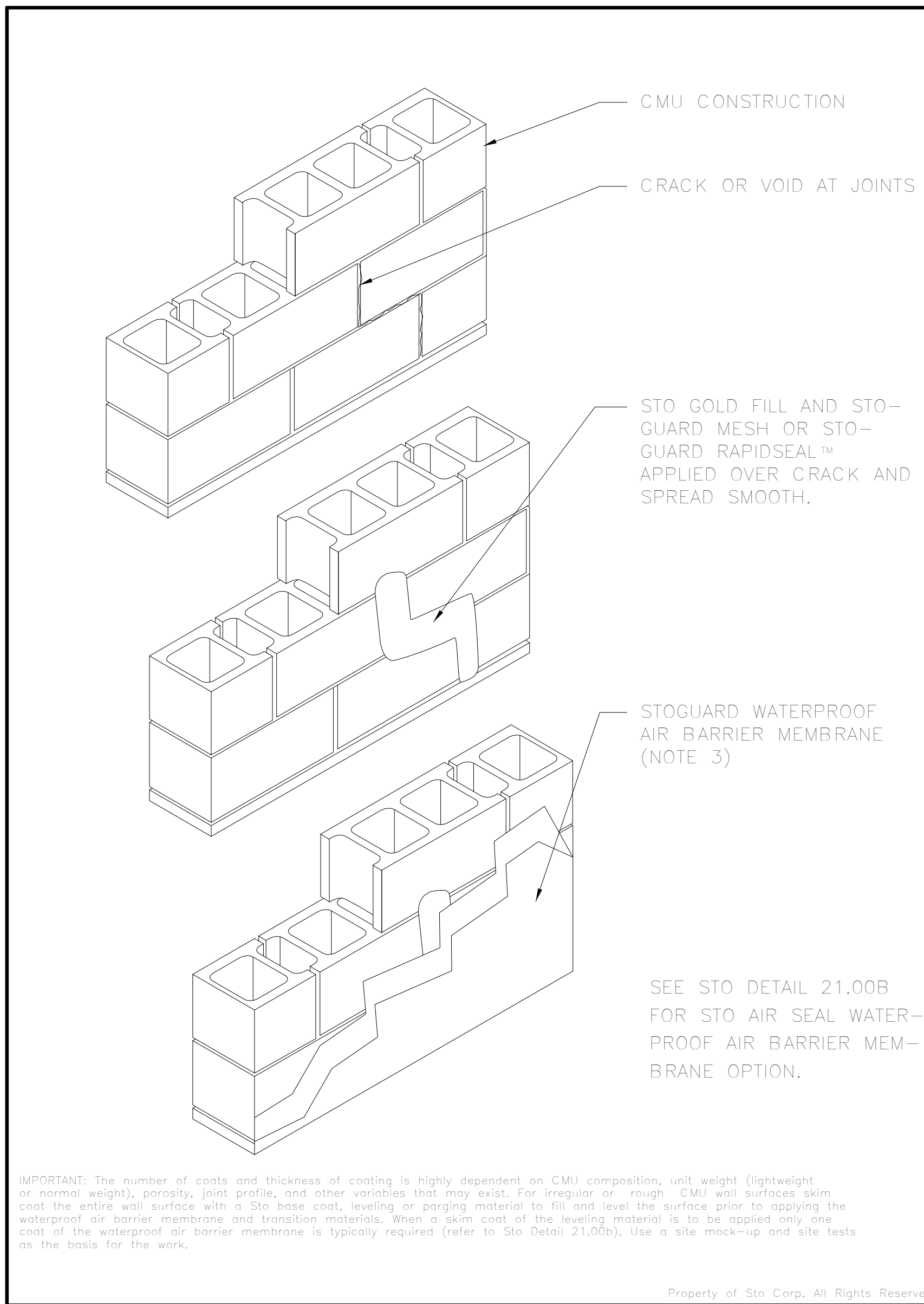
500 West Fulton Street - Sanford, FL 32771 - Phone: 407.322.6841

DETAILS - WEST ELECTRICAL BUILDING

OCU FILE NO.: 74866
DESIGNED BY: JAB
DRAWN BY: LDM
CHECKED BY: JAB
CADD FILE:

04-04-18
JOHN A. BAER, AIA
REGISTERED ARCHITECT
FLORIDA LICENSE # AR93193

SCALE: As Shown
DRAWING NO.: **A7.0**
SHEET 10 OF 71

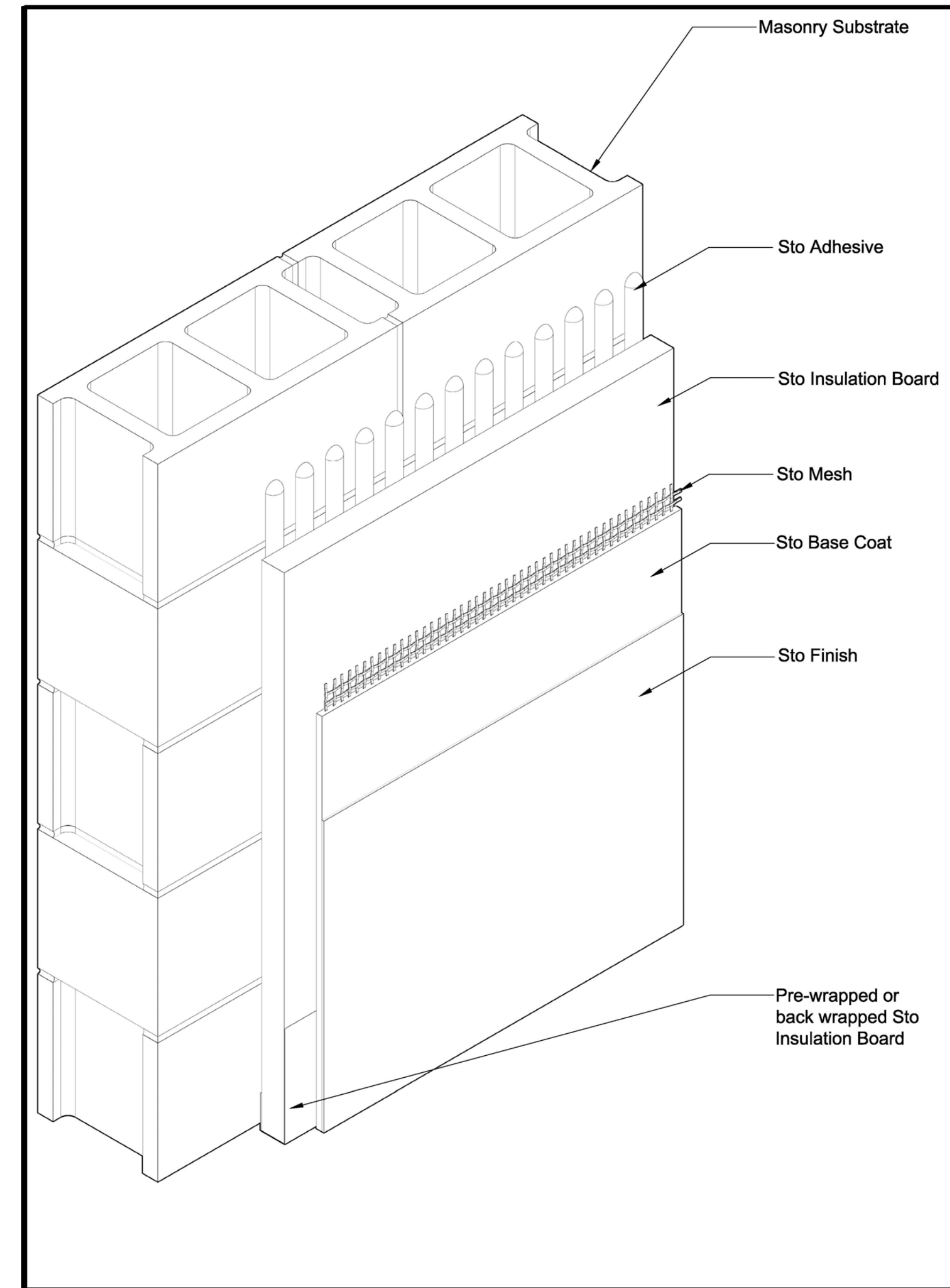


- Notes:
- 1] Prepare substrate by:
 - striking mortar joints flush
 - removing mortar droppings or other debris from surface
 - cleaning any dirt, efflorescence or other bond-inhibiting materials
 - repairing any cracks or damage to the wall surface.
 - 2] Repair minor, up to 1/8-inch (3mm) nonstructural cracks with Sto Gold® Fill and StoGuard Mesh, or StoGuard RapidSeal™. Allow crack repair to dry before applying StoGuard waterproof air barrier.
 - 3] StoGuard waterproof air barrier membrane options:
 - A) Sto Gold Coat® (vapor permeable)
 - B) Sto EmeraldCoat® (high perm)
 - C) StoGuard® VaporSeal™ (low perm)
 - 4] Apply Sto Gold Coat® or Sto EmeraldCoat® in two coats, minimum 30 wet mils per coat. All applications must be applied such that a void and pinhole free surface is achieved. Apply StoGuard VaporSeal minimum 40 wet mils in one or two coats depending on application method and conditions.
 - 5] Refer to Sto specifications and product bulletins for detailed information on substrates and Sto material options.

IMPORTANT: The number of coats and thickness of coating is highly dependent on CMU composition, unit weight (lightweight or normal weight), porosity, joint profiles, and other variables that may exist. For irregular or rough CMU wall surfaces skim coat the entire wall surface with a Sto base coat, leveling or patching material to fill and level the surface prior to applying the waterproof air barrier membrane and transition materials. When a skim coat of the leveling material is to be applied only one coat of the waterproof air barrier membrane is typically required (refer to Sto Detail 21.00b). Use a site mock-up and site tests as the basis for the work.

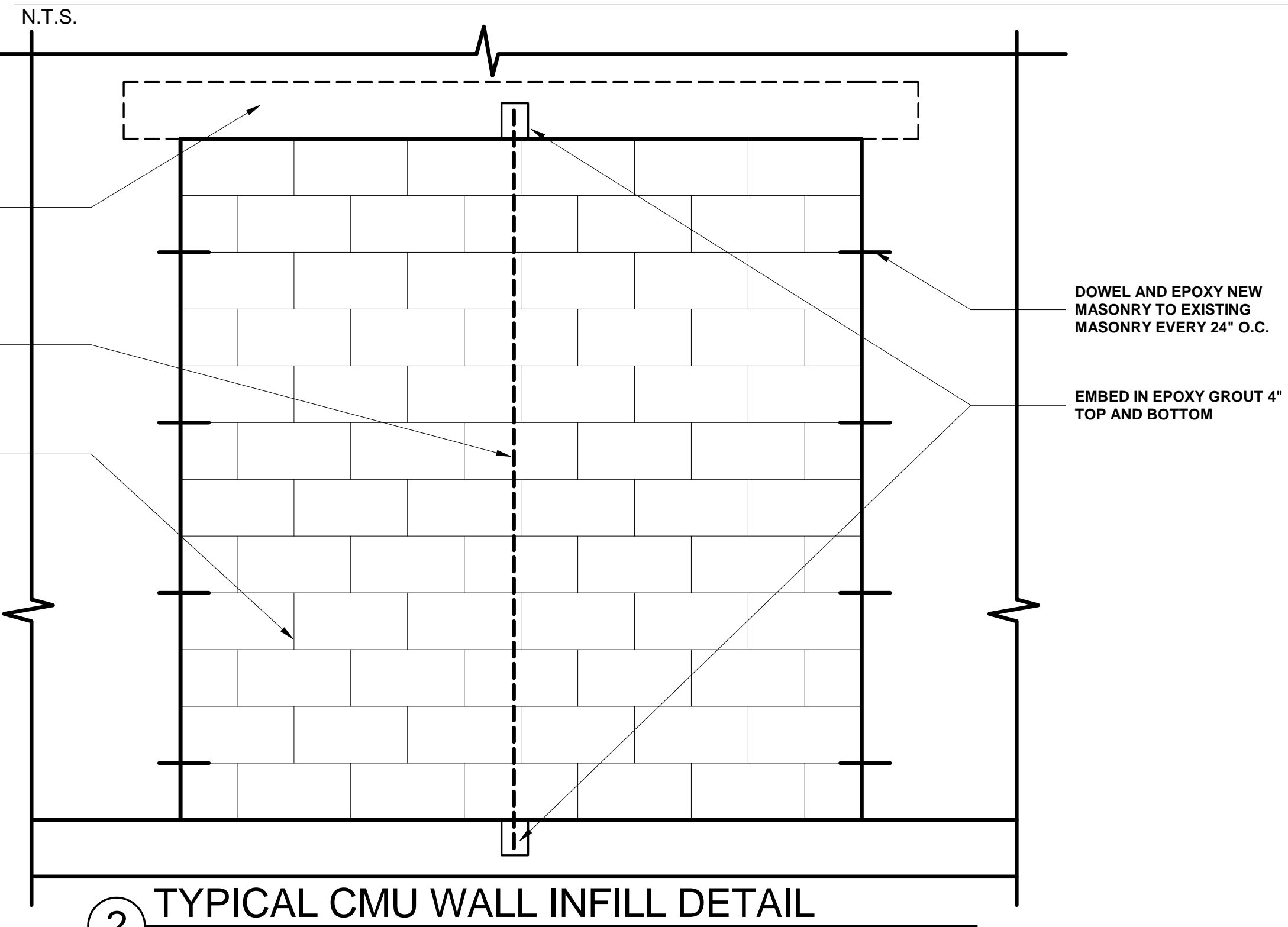
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EIFS INSTALLATION DETAILS

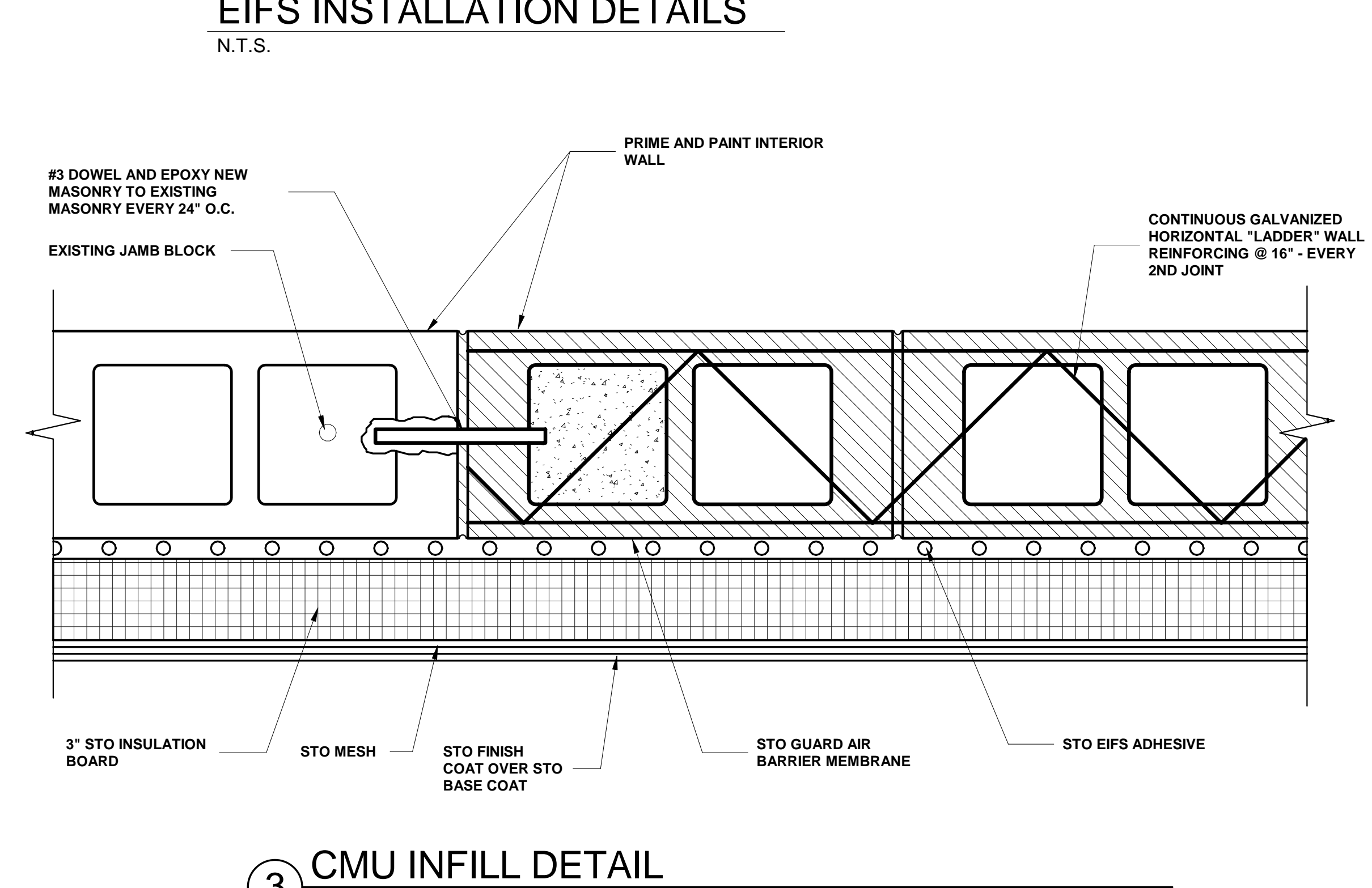


- Notes:
- Detail shows the components of StoTherm® Exterior Insulation and Finish System (EIFS):
- 1) Sto Adhesive
 - 2) Sto Insulation Board
 - 3) Sto Base Coat
 - 4) Sto Mesh
 - 5) Sto Finish

EIFS INSTALLATION DETAILS



2 TYPICAL CMU WALL INFILL DETAIL
3/4" = 1'-0"



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

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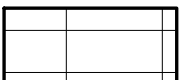





EIFS AND WALL INFILL DETAILS

04-04-18
JOHN A. BAER, AIA
REGISTERED ARCHITECT
FLORIDA LICENSE # AR93193

OCU FILE NO.: 74866
DESIGNED BY: JAB
DRAWN BY: LDM
CHECKED BY: JAB
CADD FILE:

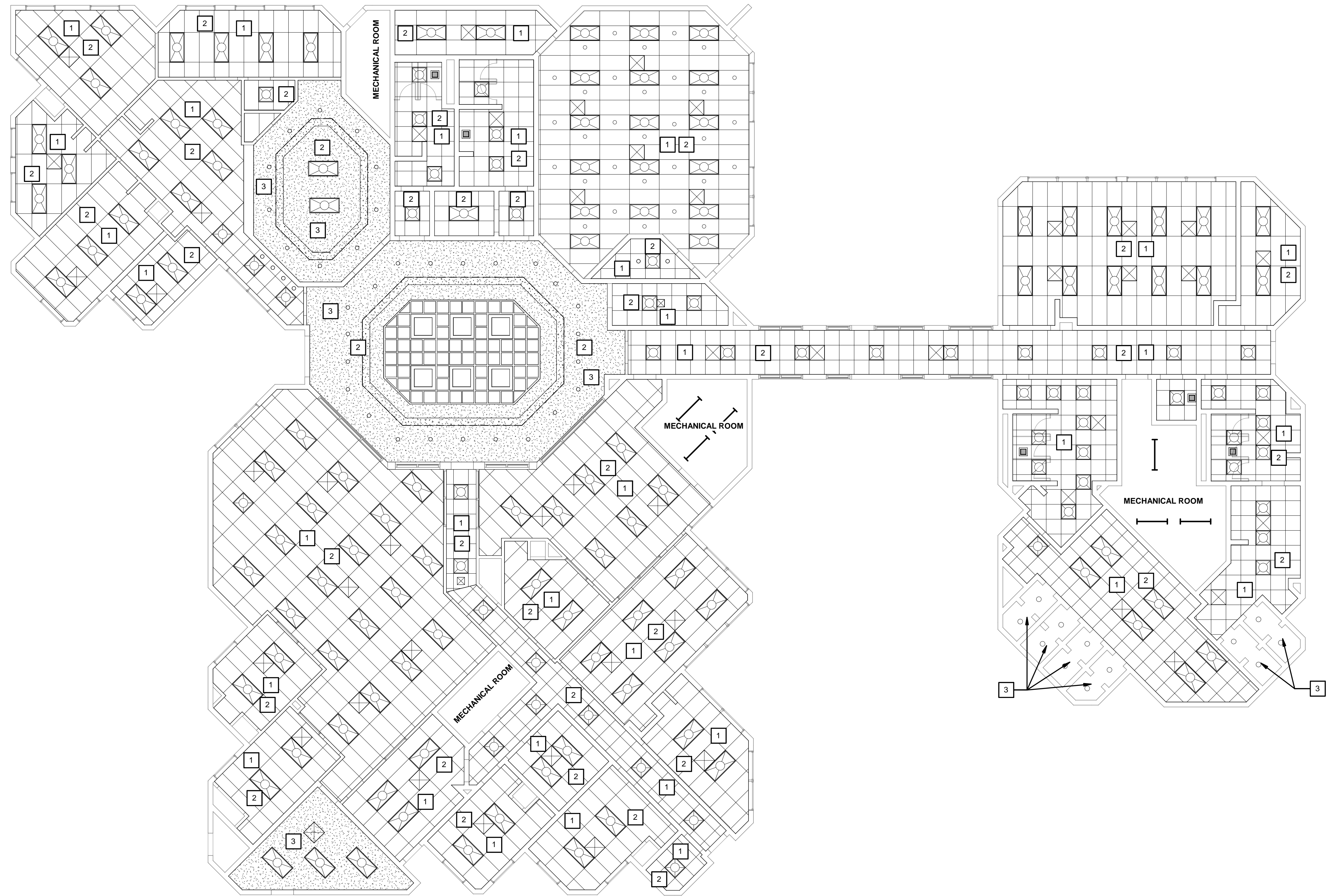
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DRAWING NO.: **A8.0**
SHEET 11 OF 71

REFLECTED CEILING PLAN LEGEND

-  INDICATES FINISHED GYP. BOARD CEILING OR SOFFIT
-  2 X 2 LAY-IN ACOUSTICAL TILE IN T-BAR GRID.
-  2 X 4 LAY-IN ACOUSTICAL TILE IN T-BAR GRID.
-  2 X 4 FLUORESCENT LIGHTING FIXTURE - REFER TO ELECTRICAL DRAWINGS FOR TYPE
-  2 X 2 FLUORESCENT LIGHTING FIXTURE - REFER TO ELECTRICAL DRAWINGS FOR TYPE
-  RECESSED CAN LIGHTING
-  CEILING SUPPLY DIFFUSER. SEE MECHANICAL DWGS.
-  EXHAUST FAN

REFLECTED CEILING KEY NOTES

- 1** REPLACE ALL CEILING TILES AND GRIDS
- 2** NEW LIGHT FIXTURES - REFER TO ELECTRICAL
- 3** REPAINT EXISTING GYPSUM WALL BOARD CEILING

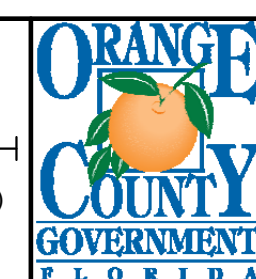


REFLECTED CEILING PLAN - ADMIN. BUILDING

1/8" = 1'-0"

REV	DATE	DESCRIPTION

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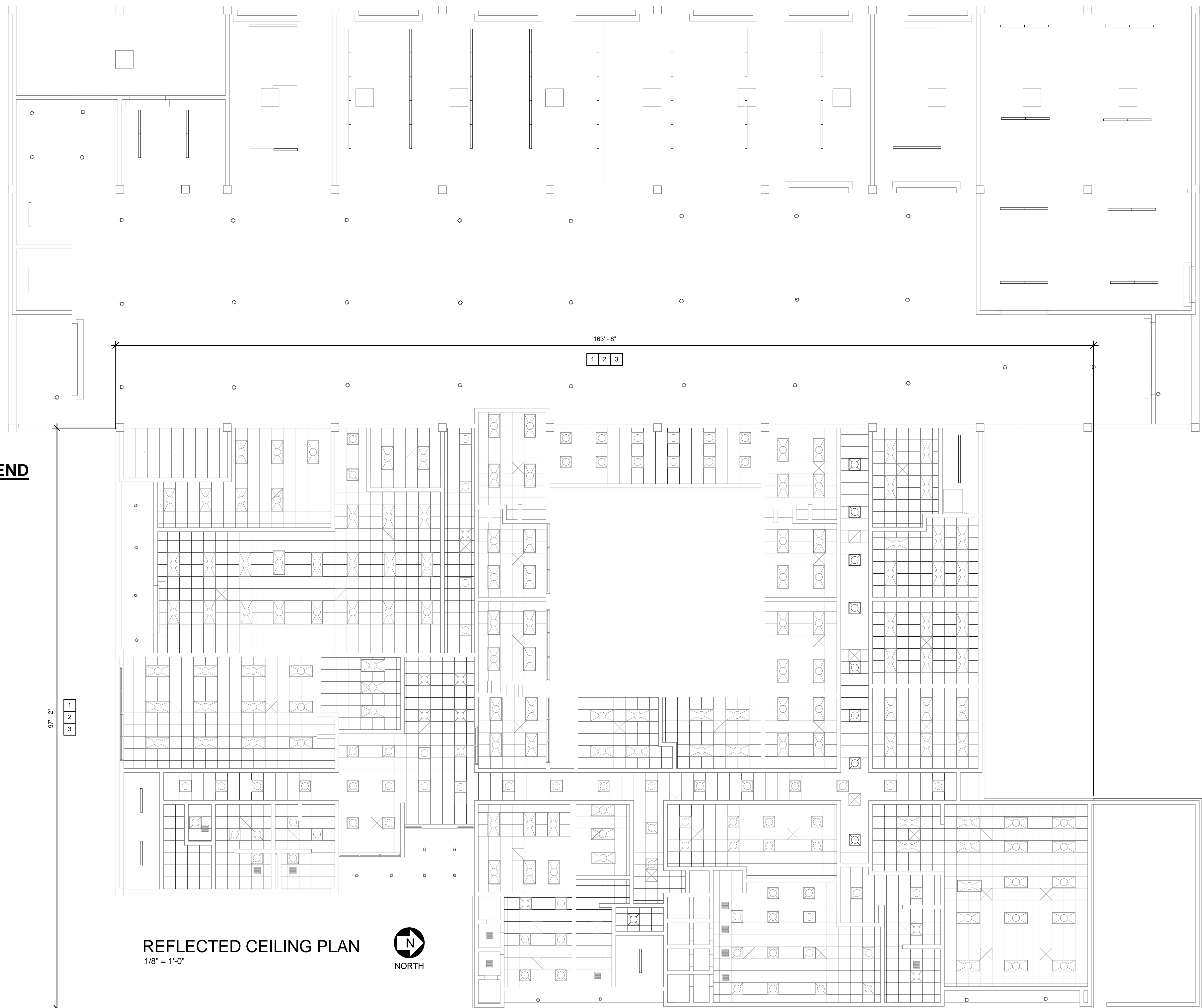
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Survey L.B. No. 7143
Arch. Lic. No. AA2509926
Landscape Lic. No. LC0000298

REFLECTED CEILING PLAN - ADMINISTRATION BUILDING


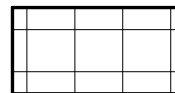
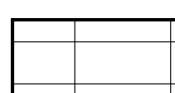
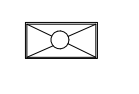


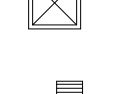

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FLORIDA LICENSE # AR93193

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CADD FILE:

SCALE: As Shown
DRAWING NO.: **A9.0**
SHEET 12 OF 71



REFLECTED CEILING PLAN LEGEND

-  INDICATES FINISHED GYP. BOARD CEILING OR SOFFIT
-  2 X 2 LAY-IN ACOUSTICAL TILE IN T-BAR GRID.
-  2 X 4 LAY-IN ACOUSTICAL TILE IN T-BAR GRID.
-  2 X 4 FLUORESCENT LIGHTING FIXTURE - REFER TO ELECTRICAL DRAWINGS FOR TYPE
-  2 X 2 FLUORESCENT LIGHTING FIXTURE - REFER TO ELECTRICAL DRAWINGS FOR TYPE
-  RECESSED CAN LIGHTING
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-  EXHAUST FAN

REFLECTED CEILING KEY NOTES

- 1** REPLACE ALL CEILING TILES AND GRIDS
- 2** NEW LIGHT FIXTURES - REFER TO ELECTRICAL
- 3** REPAINT EXISTING GYPSUM WALL BOARD CEILING

REFLECTED CEILING PLAN
1/8" = 1'-0"



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Landscape Lic. No. LC0000298

REFLECTED CEILING PLAN - MAINTENANCE BUILDING

JOHN A. BAER, AIA
REGISTERED ARCHITECT
FLORIDA LICENSE # AR93193

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DESIGNED BY: JAB
DRAWN BY: LDM
CHECKED BY: JAB
CADD FILE:

SCALE: As Shown
DRAWING NO.: **A10.0**
SHEET 13 OF 71