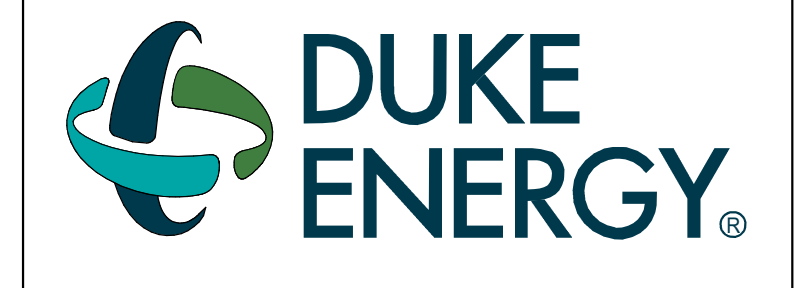


BIM: 360/19101-223870 Duke Energy - Mobile Substation Storage Building/ARCH - Duke Energy - Dunn Mobile Substation  
 5/24/23 10:41 AM

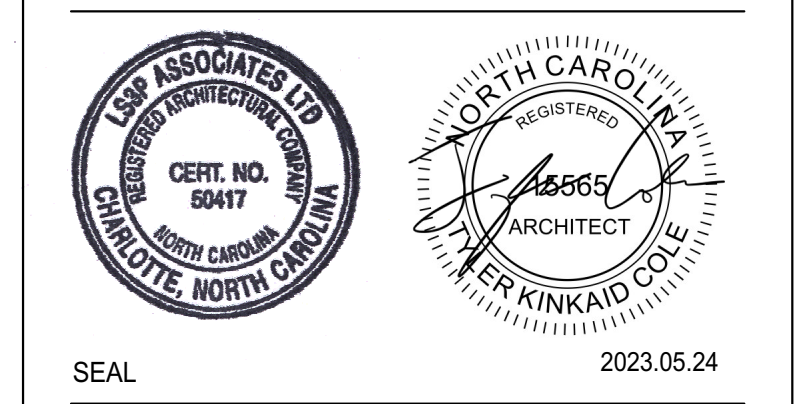
**A1 SITE PLAN**  
1/64" = 1'-0"

DRAWING NO.  
CFD-####-AS-0110-41CC2B



MAILING ADDRESS:  
P.O. BOX 1007  
CHARLOTTE, NC 28201

**Safety Expectations:**  
 ILLNESS **ZERO** Reduce Risk  
 INJURY **ZERO** Remove Exposures to Hazards  
 REINFORCE SAFE BEHAVIOR



**DUNN OPERATIONS CENTER**  
 MOBILE SUB. STORAGE

1269 Jonesboro Rd  
Harnett County, NC 28334

MARK	DATE	DRN BY	REVISION
1	05-24-23		ISSUED FOR CONSTRUCTION
2			
3			
4			
5			
6			
7			
8			
9			
10			

PROJECT NO: 9101-223870  
 DRAWING NUMBER  
 CFD-####-AS-0110-41CC2B  
 ELECTRONIC FILE NAME:  
 DRAWN BY: TKC  
 CHK'D BY: RA DATE: 2023.05.24  
 E-MAIL: tylercole@ls3p.com

SHEET TITLE:  
**ARCHITECTURAL SITE PLAN**

SHEET NO.  
**A-001**

**ISSUED FOR CONSTRUCTION**

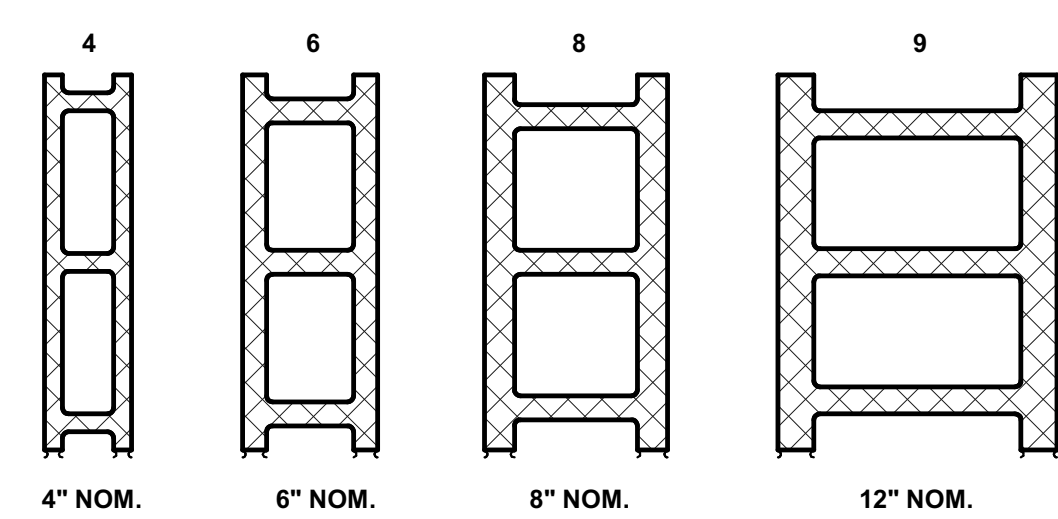
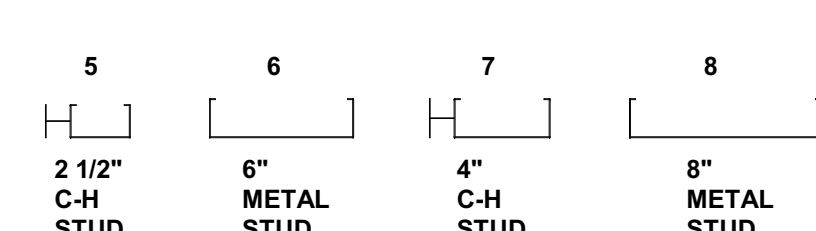
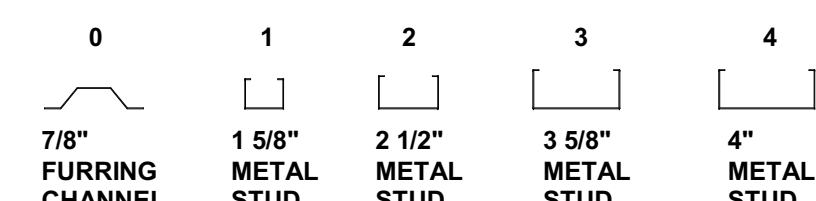
**PARTITION DESIGNATION KEY**

A3N01

PARTITION CATEGORY  
PARTITION SIZE  
PARTITION INSULATION  
PARTITION RATING

PARTITION CATEGORY  
A - METAL STUD      M - MASONRY  
C - CHASE            C - CHASE  
F - FURRING         S - SHAFT  
G - GLASS BLOCK    W - WOOD

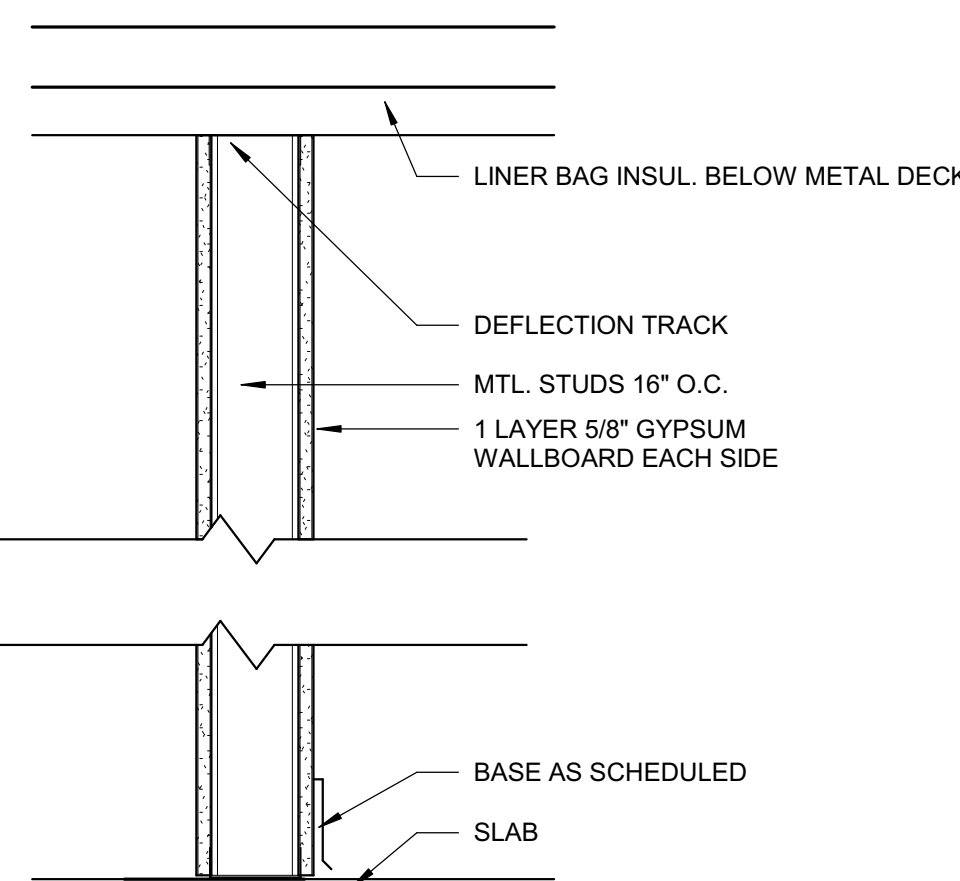
PARTITION SIZE



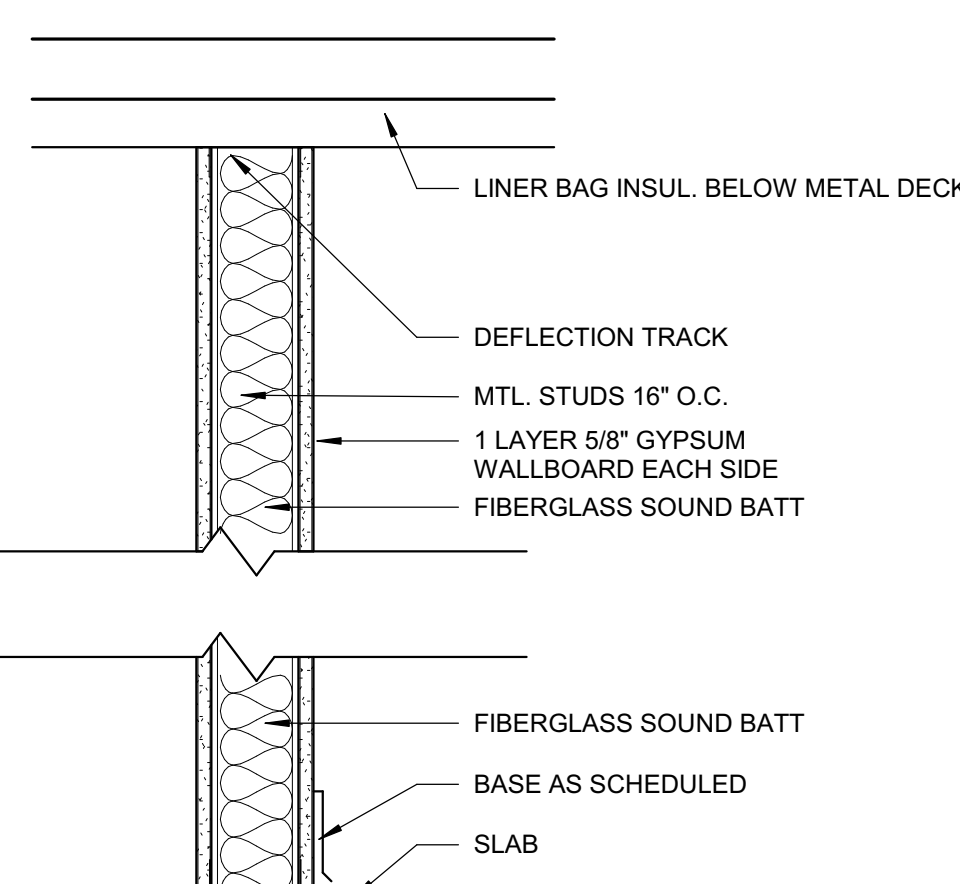
PARTITION INSULATION  
S - SOUND ATTENUATION  
N - NON-INSULATED

PARTITION RATING  
0 - NON-RATED TO 6" ABOVE CEILING  
1 - 1 HOUR FIRE PARTITION  
2 - 2 HOUR FIRE PARTITION  
3 - 3 HOUR FIRE PARTITION  
4 - 4 HOUR FIRE PARTITION  
5 - SMOKE PARTITION  
T - TILE SUBSTRATE PARTITION  
X - NON-RATED TO DECK, SEALED TOP & BOTTOM  
Y - STRUCTURE TO DECK, FIN MAT'L TO 6" ABOVE CLG

BIM 360/101-223870 Duke Energy Dumm - Mobile Substation Storage Building/ARCH - Duke Energy - Dumm Mobile Substation

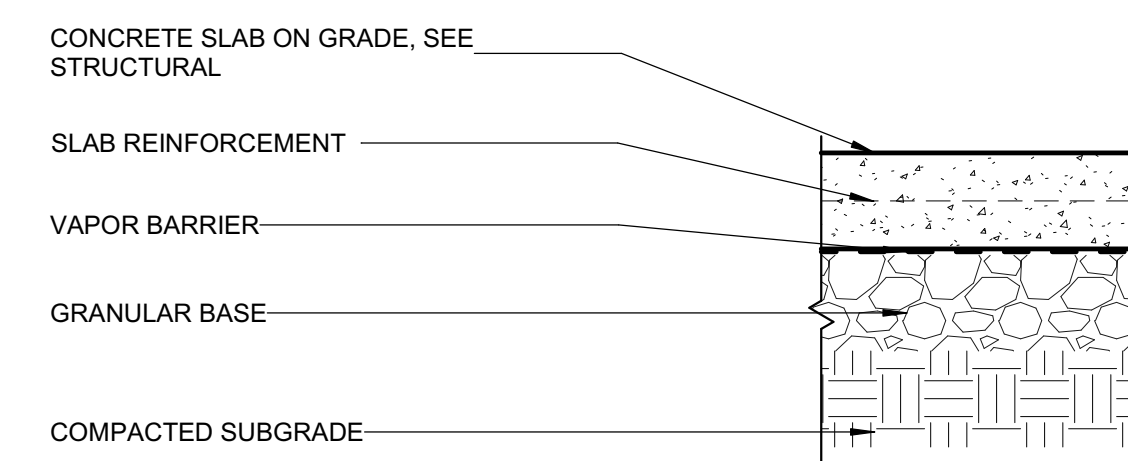


A3NX/A6NX	FIRE RATING N/A	UL TEST NO. N/A	STC RATING - N/A N/A
-----------	--------------------	--------------------	-------------------------

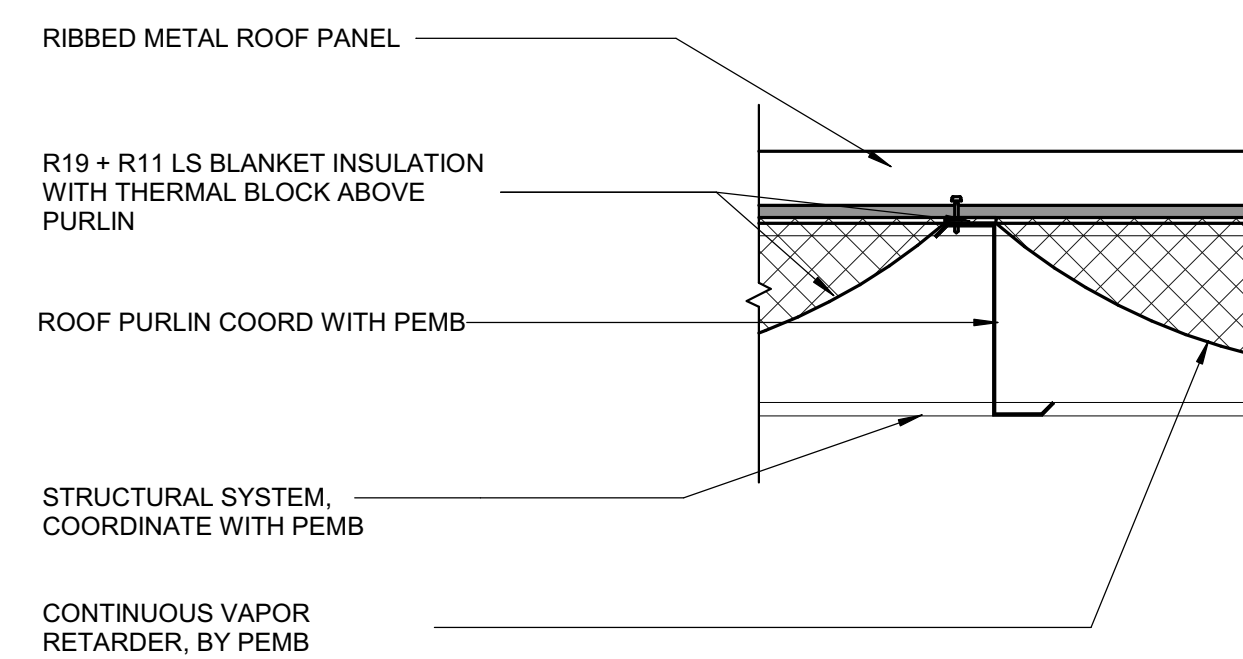


A3SX/A6SX	FIRE RATING N/A	UL TEST NO. N/A	STC RATING - N/A N/A
-----------	--------------------	--------------------	-------------------------

**S1 CONCRETE SLAB ON GRADE**

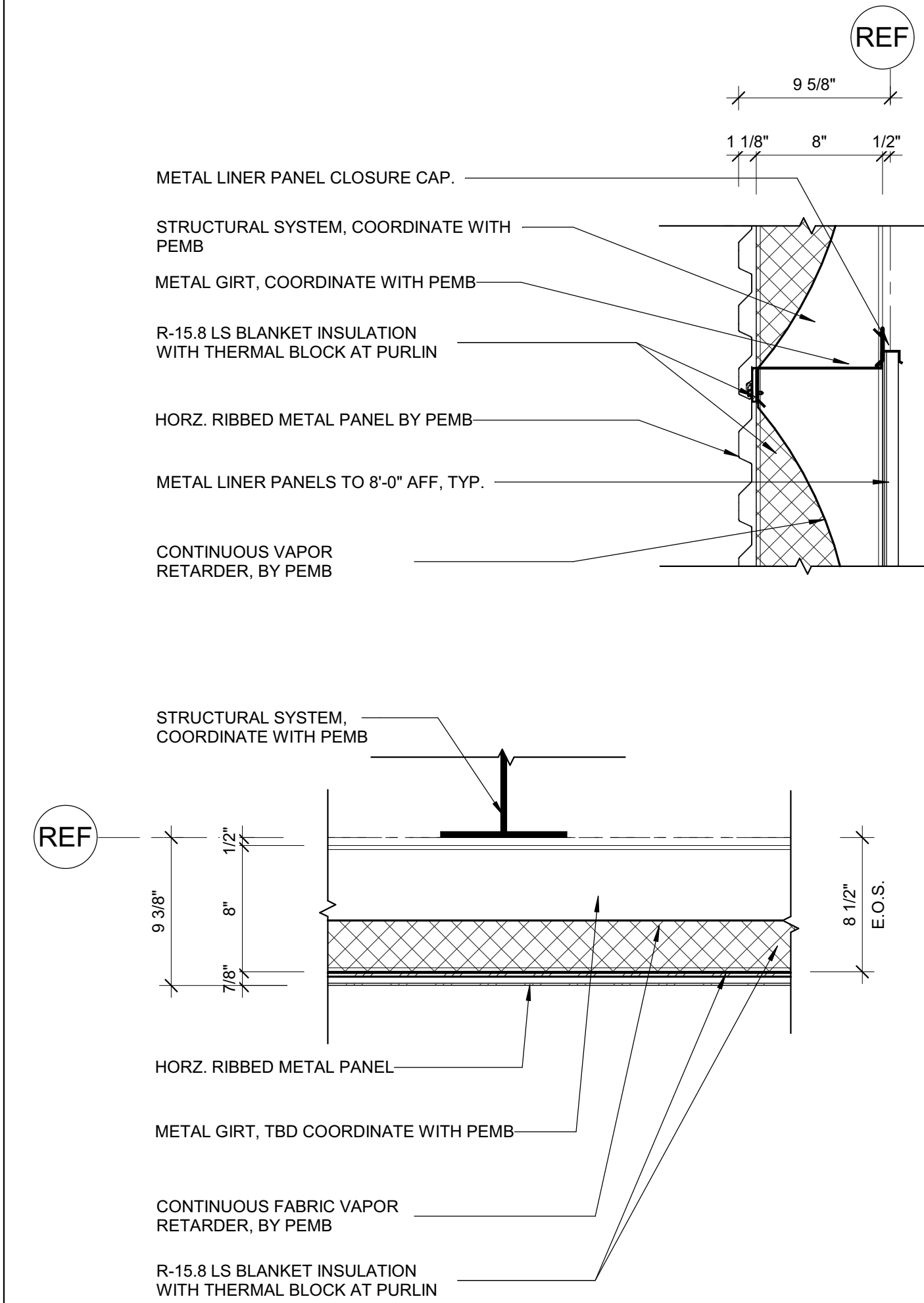


**R2 METAL PANEL/ PEMB STRUCTURE WITH INSULATION**



FIRE RATING & REFERENCE	1 HOUR UL P732	SOUND RATING & REFERENCE	EFFECTIVE R-VALUE	R19 + R11 LS
-------------------------	-------------------	--------------------------	-------------------	--------------

**W1 METAL PANEL / PEMB GIRTS MIN. INSULATION**



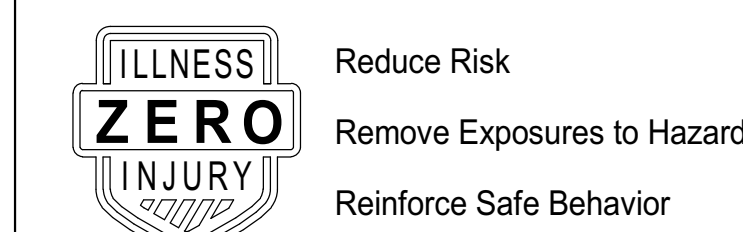
FIRE RATING & REFERENCE	MUST COMPLY WITH NFPA 285	SOUND RATING & REFERENCE	EFFECTIVE R-VALUE	R15.8C1
-------------------------	---------------------------	--------------------------	-------------------	---------

DRAWING NO.  
CFD-####-A-0001-41CC2B

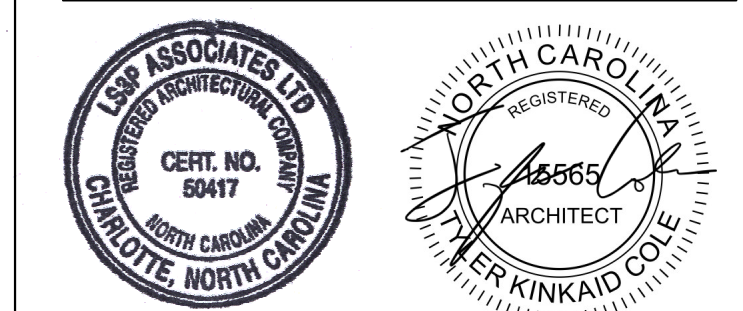


MAILING ADDRESS:  
P.O. BOX 1007  
CHARLOTTE, NC 28201

**Safety Expectations:**



227 W. Trade St. Suite 700  
Charlotte, NC 28202



SEAL 2023.05.24

**DUNN OPERATIONS CENTER**

1269 Jonesboro Rd  
Harnett County, NC 28334

**MOBILE SUB. STORAGE**

MARK	DATE	DRN BY	REVISION
1	05/24/23		ISSUED FOR CONSTRUCTION

PROJECT NO: 9101-223870

DRAWING NUMBER

CFD-####-A-0001-41CC2B

ELECTRONIC FILE NAME:

DRAWN BY: TKC

CHK'D BY: RA DATE: 2023.05.24

E-MAIL: tylercole@ls3p.com

THIS DESIGN DRAWING IS THE EXCLUSIVE PROPERTY OF DUKE ENERGY CORPORATION AND IS TO REMAIN THE PROPERTY OF DUKE ENERGY CORPORATION. IT SHALL NOT BE REPRODUCED, COPIED, OR DISTRIBUTED WITHOUT PRIOR APPROVAL. THIS INFORMATION SHOULD ONLY BE USED FOR THE SPECIFIC PROJECT INTENDED.

**SHEET TITLE:  
SUBSYSTEMS & PARTITION TYPES**

SHEET NO.

**A-002**

**ISSUED FOR CONSTRUCTION**

FLOOR PLAN SHEET NOTES

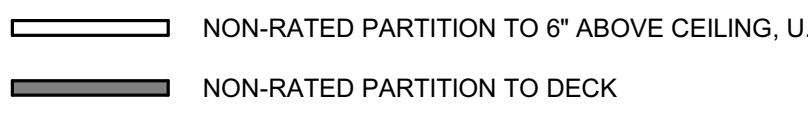
PARTITION NOTES

PARTITION LEGEND

FLOOR PLAN NUMBERED NOTES


1. EXTERIOR DIMENSION AT METAL PANEL ARE TO FACE OF PANEL.
2. INTERIOR DIMENSIONS INDICATED ARE TO FACE OF FINISH AND CENTERLINES OF COLUMNS, UNO.
3. LOCATE DOOR OPENINGS 4" FROM NEAREST PERPENDICULAR WALL.
4. FIRE AND SOUND RATED WALLS/PARTITIONS TO BE CONSTRUCTED TIGHT TO STRUCTURE, PIPING, DUCTWORK AND OTHER PENETRATIONS. ALL WORK IS TO BE BRACED TO STRUCTURE ABOVE.
5. INSTALL BLOCKING IN PARTITIONS FOR CASEWORK, WALL MOUNTED EQUIPMENT, TRIM AND RELATED CONSTRUCTION AS INDICATED IN THE SPECIFICATIONS.

1. ALL NON-DESIGNATED PARTITIONS SHALL BE TYPE A6SX.
2. TILE BACKER BOARD SHALL BE USED IN ALL LOCATIONS TO RECEIVE TILE FINISHES. REFER TO FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR LOCATIONS.
3. CONTRACTOR SHALL COORDINATE WITH MECHANICAL DUCTWORK PRIOR TO FABRICATION OF PARTITION WALLS.
4. DIMENSIONAL CONFLICTS BETWEEN PARTITION TYPES AND THE ARCHITECTURAL FLOOR PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.

1. ALL EXTERIOR WALLS TO BE W1 U.N.O.
  2. ALL INTERIOR METAL STUD PARTITIONS TO BE TYPE A6SX U.N.O.
- 
  
 NON-RATED PARTITION TO 6" ABOVE CEILING, U.N.O.  
 NON-RATED PARTITION TO DECK  
 NOTE: SEE SHEET A002 FOR CONSTRUCTION OF PARTITION TYPES


1. CORNER GUARD IN THIS LOCATION. SEE FINISH SCHEDULE.

DRAWING NO.  
CFD-####-A-0110-41CC2B




MAILING ADDRESS:  
P.O. BOX 1007  
CHARLOTTE, NC 28201

**Safety Expectations:**

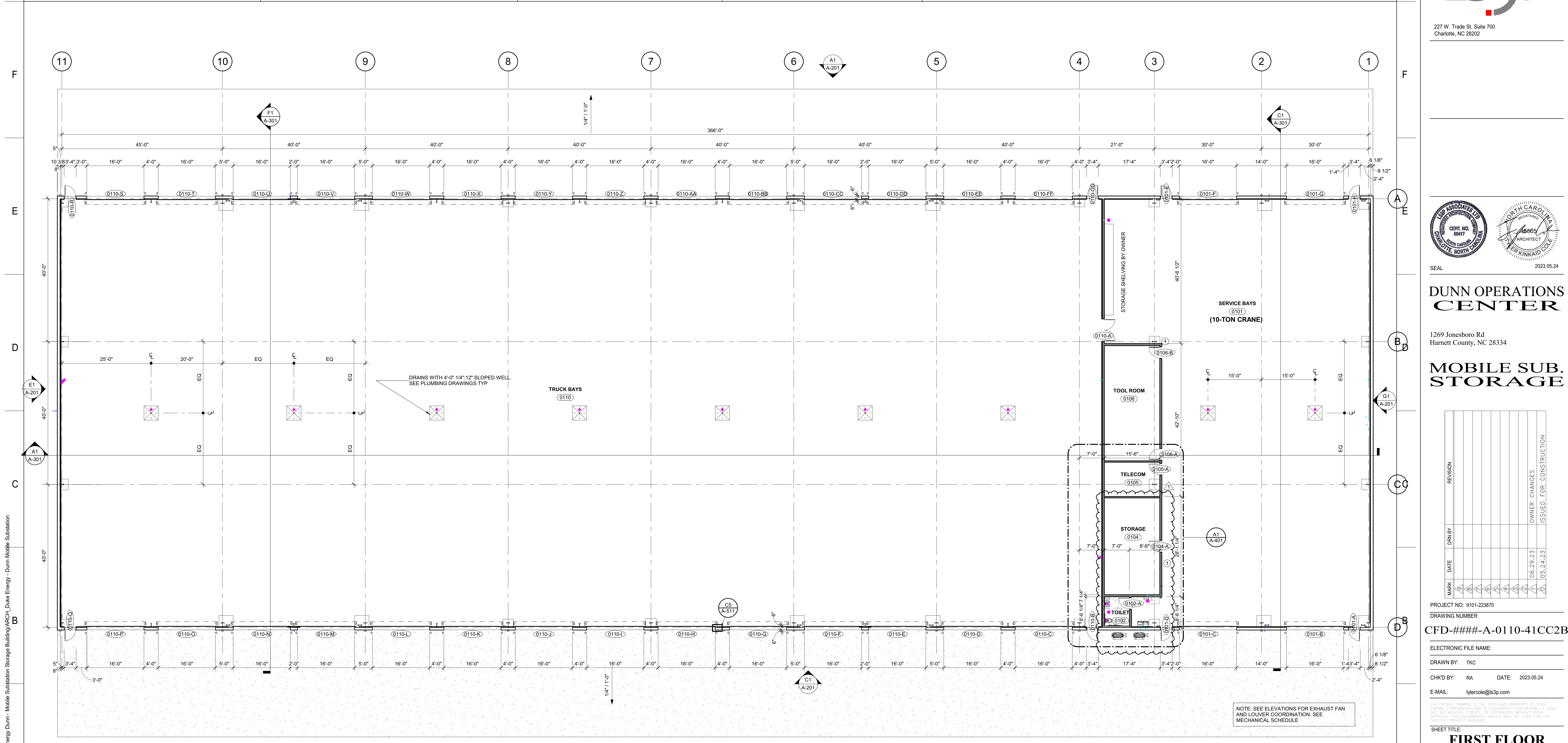


Reduce Risk  
Remove Exposures to Hazards  
Reinforce Safe Behavior



227 W. Trade St. Suite 700  
Charlotte, NC 28202

11 10 9 8 7 6 5 4 3 2 1



11 10 9 8 7 6 5 4 3 2 1

11 10 9 8 7 6 5 4 3 2 1

H

G

F

E

D

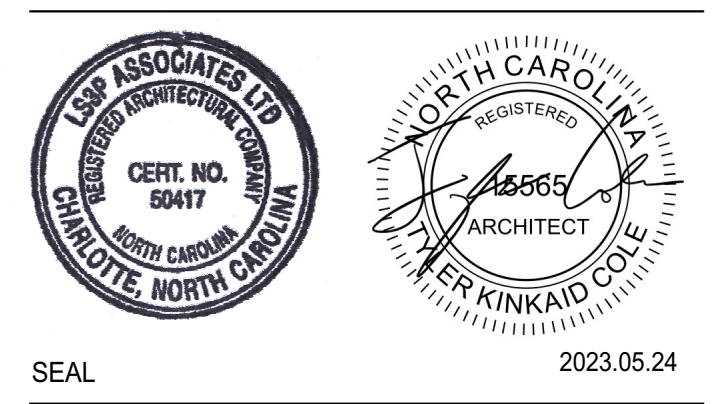
C

B

A

**A1** FIRST FLOOR PLAN  
3/32" = 1'-0"

NOTE: SEE ELEVATIONS FOR EXHAUST FAN AND LOUVER COORDINATION. SEE MECHANICAL SCHEDULE



**DUNN OPERATIONS CENTER**

1269 Jonesboro Rd  
Harnett County, NC 28334

**MOBILE SUB. STORAGE**

MARK	DATE	DRN BY	REVISION
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			

PROJECT NO: 9101-223870  
 DRAWING NUMBER: CFD-####-A-0110-41CC2B  
 ELECTRONIC FILE NAME:  
 DRAWN BY: TKC  
 CHK'D BY: RA DATE: 2023.05.24  
 E-MAIL: tylercole@ls3p.com

**CFD-####-A-0110-41CC2B**

OWNER: CHANGES  
ISSUED FOR CONSTRUCTION

**FIRST FLOOR PLAN**

SHEET NO. **A-101**

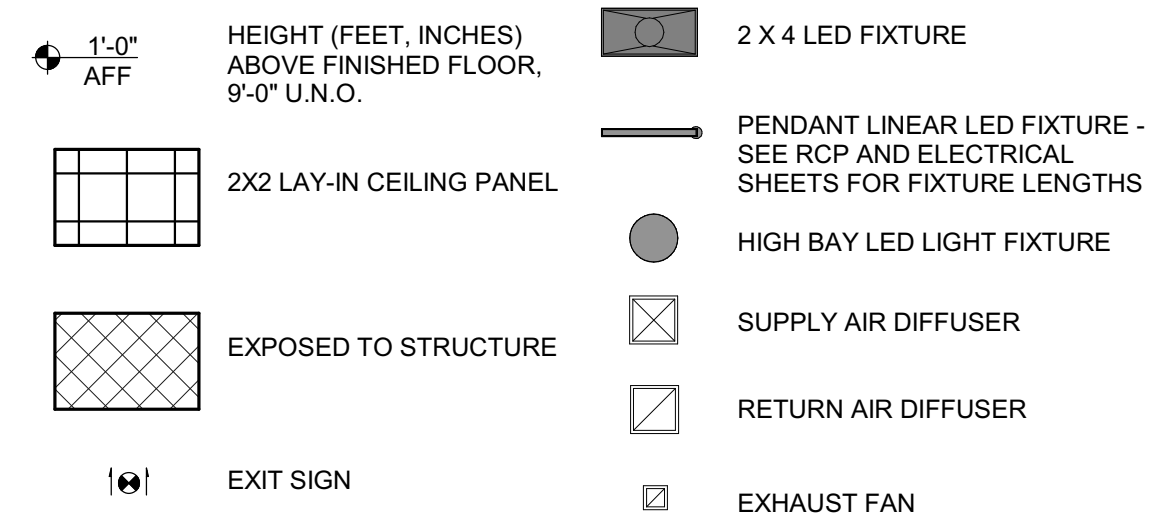
ISSUED FOR CONSTRUCTION

BIM 360/101/223870 Duke Energy - Dunn Mobile Substation  
 2023.05.24 AM

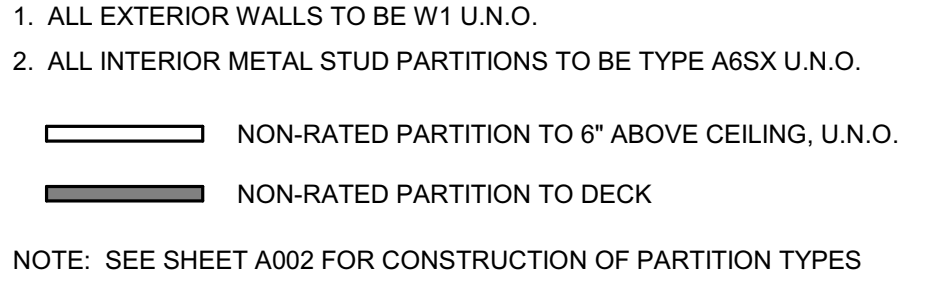
REFLECTED CEILING PLAN SHEET NOTES

- SEE SHEET A002 FOR WALL TYPES AND HEIGHT OF WALLS ABOVE CEILING.
- SEE FINISH SCHEDULE FOR CEILING TYPES & MATERIALS IN EACH ROOM / AREA.
- PERIMETER TRACK FOR ALL ACOUSTICAL CEILING GRIDS TO BE 2" WIDE INSTALLED IN ACCORDANCE WITH IBC AND CISCA GUIDELINES.
- DIMENSIONS ARE TO FACE OF FINISH.
- CEILING GRID/TILES TO BE CENTERED IN ALL ROOMS UNLESS NOTED OTHERWISE. PARTIAL TILES AT ROOM PERIMETERS SHALL NOT BE LESS THAN 6" IN EITHER DIMENSION.
- ALL CEILINGS TO BE 9'-0" AFF. UNO. CEILING HEIGHTS SHOWN ON THE REFLECTED CEILING PLANS ARE NON-TYPICAL AND SPECIFIC TO THE AREA INDICATED.
- SEE ELECTRICAL, FIRE ALARM AND FIRE PROTECTION DRAWINGS FOR SPECIAL SYSTEMS, SMOKE DETECTORS, LIGHTING AND WALL MOUNTED FIXTURES NOT SHOWN ON THIS SHEET. COORDINATE LOCATIONS OF ALL FIXTURES NOT INDICATED WITH LAYOUT INDICATED ON THIS SHEET.
- LIGHT FIXTURES AND MECHANICAL DIFFUSERS ARE SHOWN FOR POSITIONING IN FINISH CEILING SYSTEM. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS FOR FIXTURE TYPES, MECHANICAL DIFFUSERS, WALL MOUNTED FIXTURES AND INSTALLATION OF FIXTURES IN SPACES WITHOUT CEILINGS. (LIGHTING AND HVAO DIFFUSERS ARE SHOWN FOR COORDINATION ONLY - SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR SPECIFIC INFORMATION).
- SEE MECHANICAL FLOOR PLANS FOR EXTENT OF EXPOSED DUCTWORK IN EXPOSED STRUCTURE AREAS WITHOUT CEILINGS.
- EXTEND PERIMETER WALLS AND FINISH TO STRUCTURE ABOVE AT EXPOSED STRUCTURE AREAS. PAINT ALL EXPOSED DUCTWORK, PIPING, HANGERS, ETC...
- SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR MOUNTING LOCATIONS OF ITEMS WHERE NO CEILING IS INDICATED.
- CENTER LIGHTS, DIFFUSERS, EXIT SIGNS SMOKE DETECTORS, SPEAKERS, GENERAL ALARM SPEAKERS/STROBES & MISC DEVICES IN CEILING TILES WHERE THEY ARE LOCATED. ALIGN MULTIPLE ITEM CENTER OR EDGES.
- LOCATE MECHANICAL GRILLES AND DIFFUSERS SHOWN IN CORNERS OR NEAR WALL TO 12" OFF WALLS UNO.
- INSTALL ACCESS PANELS IN GYPSUM BOARD CEILINGS AT DUCT DAMPER CONTROLS, DUCT MOUNTED SMOKE DETECTORS, MANUAL DUCT CONTROLS, ETC.
- ALL SINGLE LIGHT FIXTURES SHALL BE CENTERED IN THE CEILING WITHIN THEY OCCUR.
- LOCATE SPRINKLER HEADS IN THE CENTER ZONE OF THE CEILING TILE. ALIGN CORRIDOR SPRINKLER HEADS IN THE SAME LINE PARALLEL TO THE WALL WITHIN EACH SPECIFIC CEILING CONSTRUCTION.
- SPRINKLER HEADS, OTHER THAN CONCEALED, SHALL BE FULLY RECESSED (CENTER IN CEILING TILE).

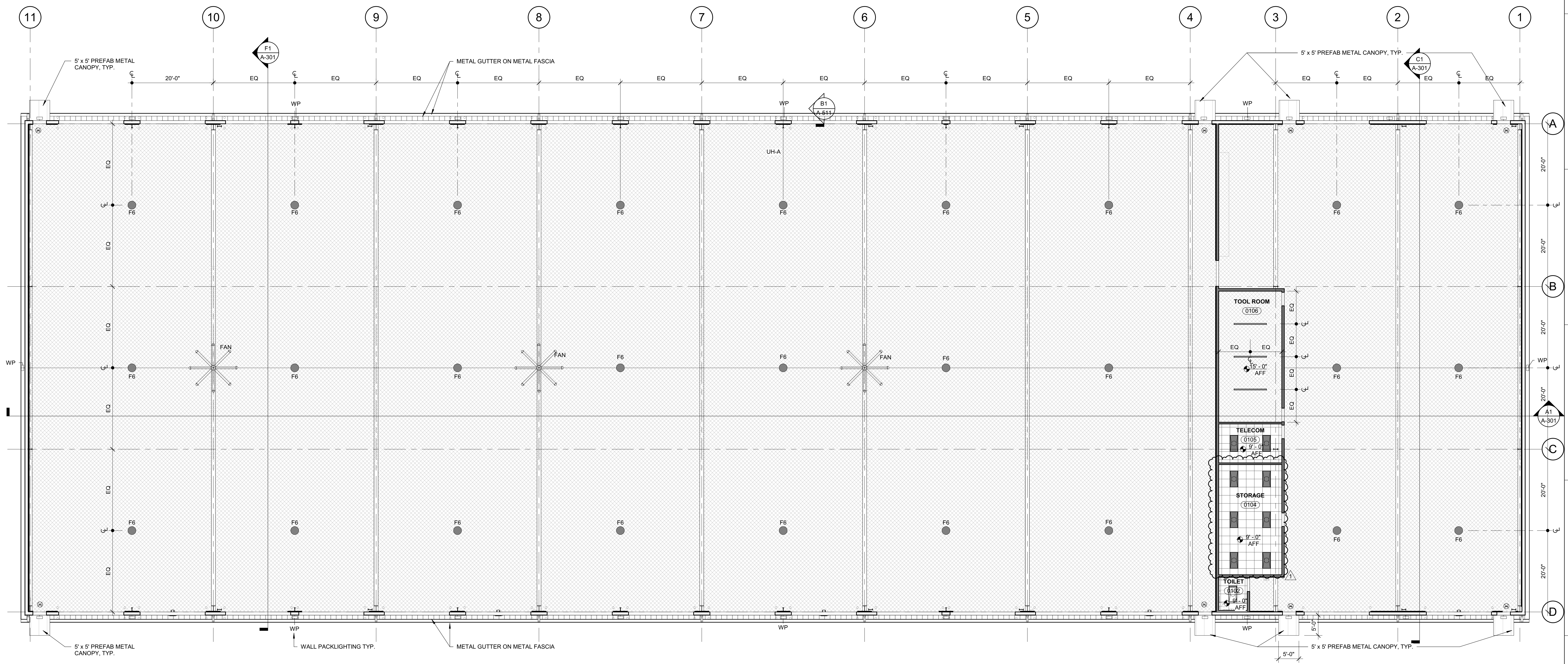
RCP LEGEND



PARTITION LEGEND

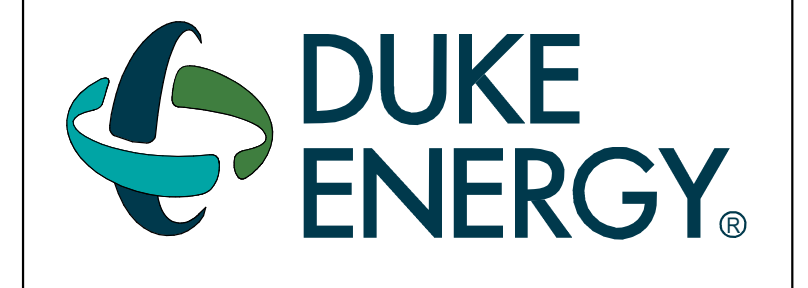


- ALL EXTERIOR WALLS TO BE W1 U.N.O.
  - ALL INTERIOR METAL STUD PARTITIONS TO BE TYPE A6SX U.N.O.
- NOTE: SEE SHEET A002 FOR CONSTRUCTION OF PARTITION TYPES



**A1** FIRST FLOOR REFLECTED CEILING PLAN  
3/32" = 1'-0"

DRAWING NO.  
CFD-####-A-0111-41CC2B



MAILING ADDRESS:  
P.O. BOX 1007  
CHARLOTTE, NC 28201

**Safety Expectations:**

ILLNESS  
**ZERO**  
INJURY

Reduce Risk  
Remove Exposures to Hazards  
Reinforce Safe Behavior

**LS3P**

227 W. Trade St. Suite 700  
Charlotte, NC 28202

SEAL

2023.05.24

ARCHITECT

**DUNN OPERATIONS CENTER**

1269 Jonesboro Rd  
Harnett County, NC 28334

**MOBILE SUB. STORAGE**

MARK	DATE	DRN BY	REVISION
1			
2			
3			
4			
5			
6			
7			
8			
9			
10	06.29.23		OWNER CHANGES
11	05.24.23		ISSUED FOR CONSTRUCTION

PROJECT NO: 9101-223870  
DRAWING NUMBER  
CFD-####-A-0111-41CC2B

ELECTRONIC FILE NAME:  
DRAWN BY: TKC  
CHK'D BY: RA DATE: 2023.05.24  
E-MAIL: tylercole@ls3p.com

**FIRST FLOOR REFLECTED CEILING PLAN**

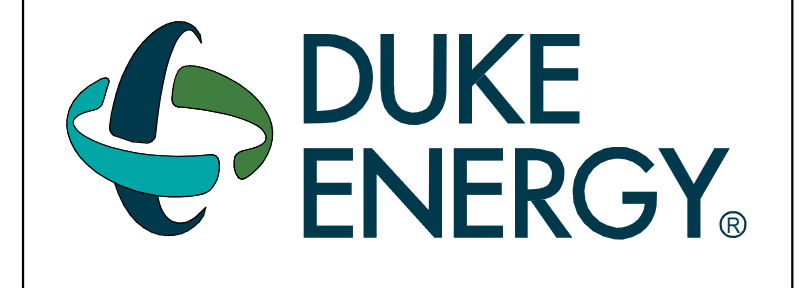
SHEET NO.  
**A-121**

ISSUED FOR CONSTRUCTION

**ROOF PLAN SHEET NOTES**

1. ROOF SURFACE SHOWN IS STANDING SEAM METAL UNO.
2. SEE STRUCTURAL DRAWINGS FOR FASTENING REQUIREMENTS.
3. IF NOT DETAILED, APPLY MOST STRINGENT CONDITION OF NRCA AND SMACNA (CURRENT EDITIONS) STANDARDS FOR ROOF DETAIL CONDITIONS.

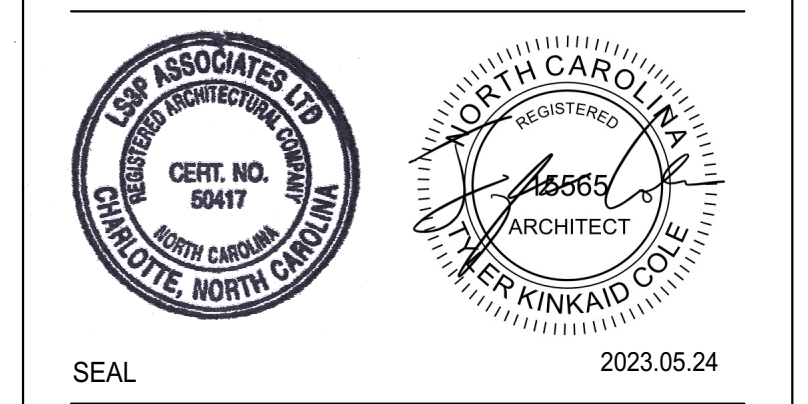
DRAWING NO.  
CFD-####-A-0R10-41CC2B



MAILING ADDRESS:  
P.O. BOX 1007  
CHARLOTTE, NC 28201

**Safety Expectations:**

**ZERO** Reduce Risk  
INJURY Remove Exposures to Hazards  
REINFORCE Safe Behavior



**DUNN OPERATIONS CENTER**

1269 Jonesboro Rd  
Harnett County, NC 28334

**MOBILE SUB. STORAGE**

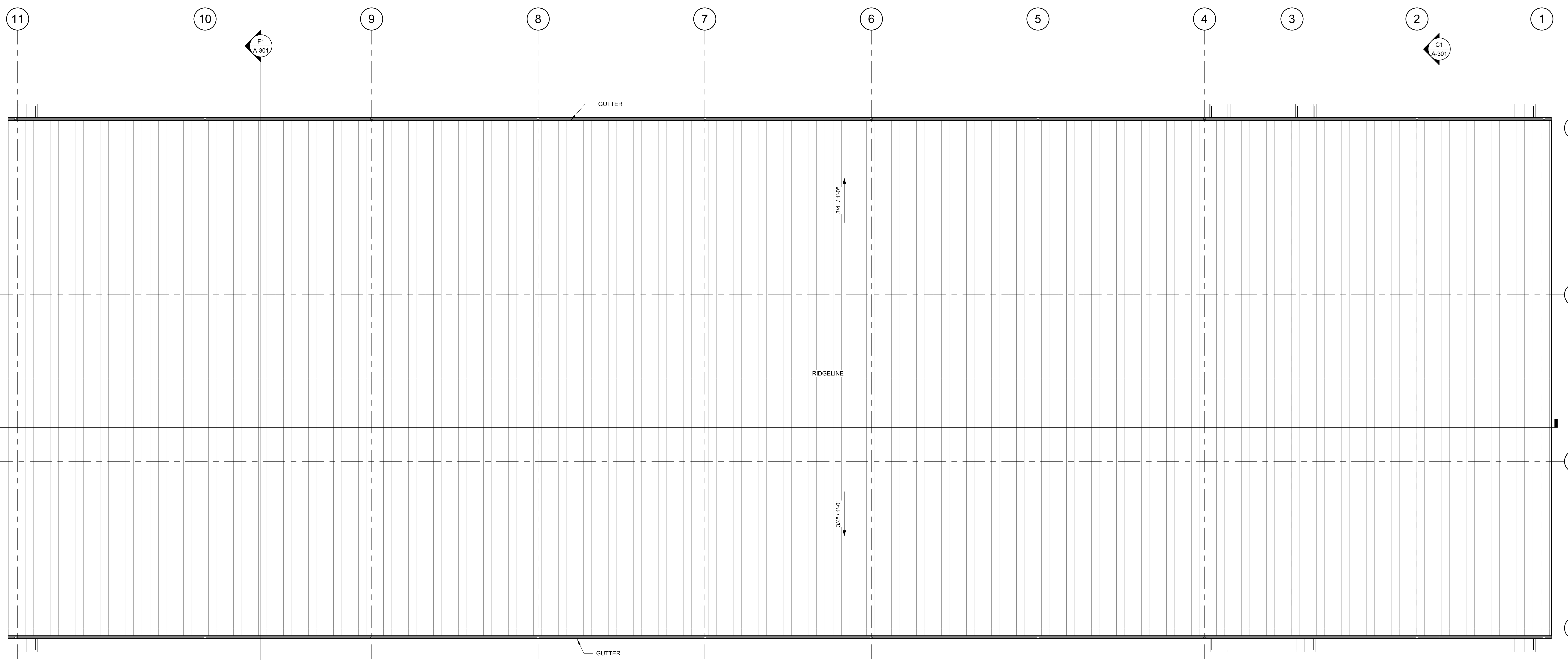
MARK	DATE	DRN BY	REVISION
1	05.24.23		ISSUED FOR CONSTRUCTION
2			
3			
4			
5			
6			
7			
8			
9			

PROJECT NO: 9101-223870  
DRAWING NUMBER  
CFD-####-A-0R10-41CC2B  
ELECTRONIC FILE NAME:  
DRAWN BY: TKC  
CHK'D BY: RA DATE: 2023.05.24  
E-MAIL: tylercole@ls3p.com

THIS DESIGN DRAWING IS THE EXCLUSIVE PROPERTY OF LS3P. ANY REPRODUCTION OR DISTRIBUTION OF THIS DRAWING WITHOUT WRITTEN PERMISSION FROM LS3P IS STRICTLY PROHIBITED. THIS INFORMATION SHOULD ONLY BE USED FOR THE SPECIFIC PROJECT INTENDED.

SHEET TITLE:  
**ROOF PLAN**

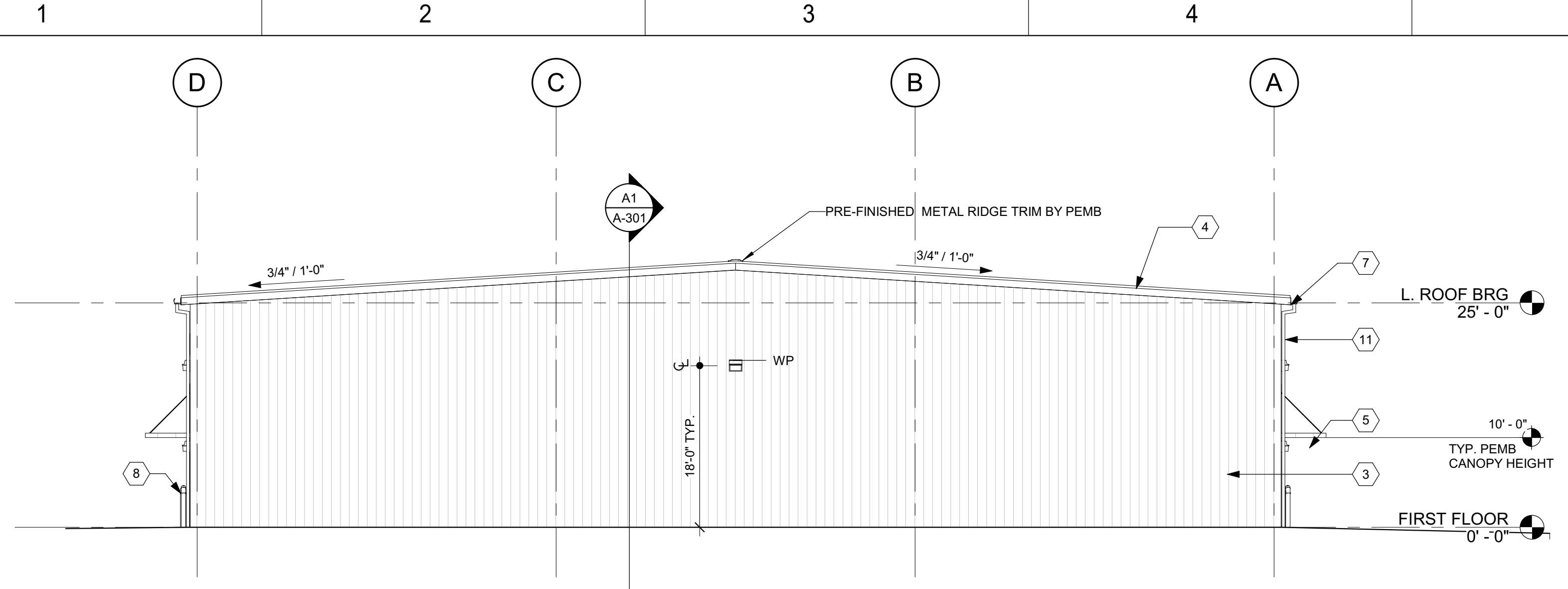
SHEET NO.  
**A-151**



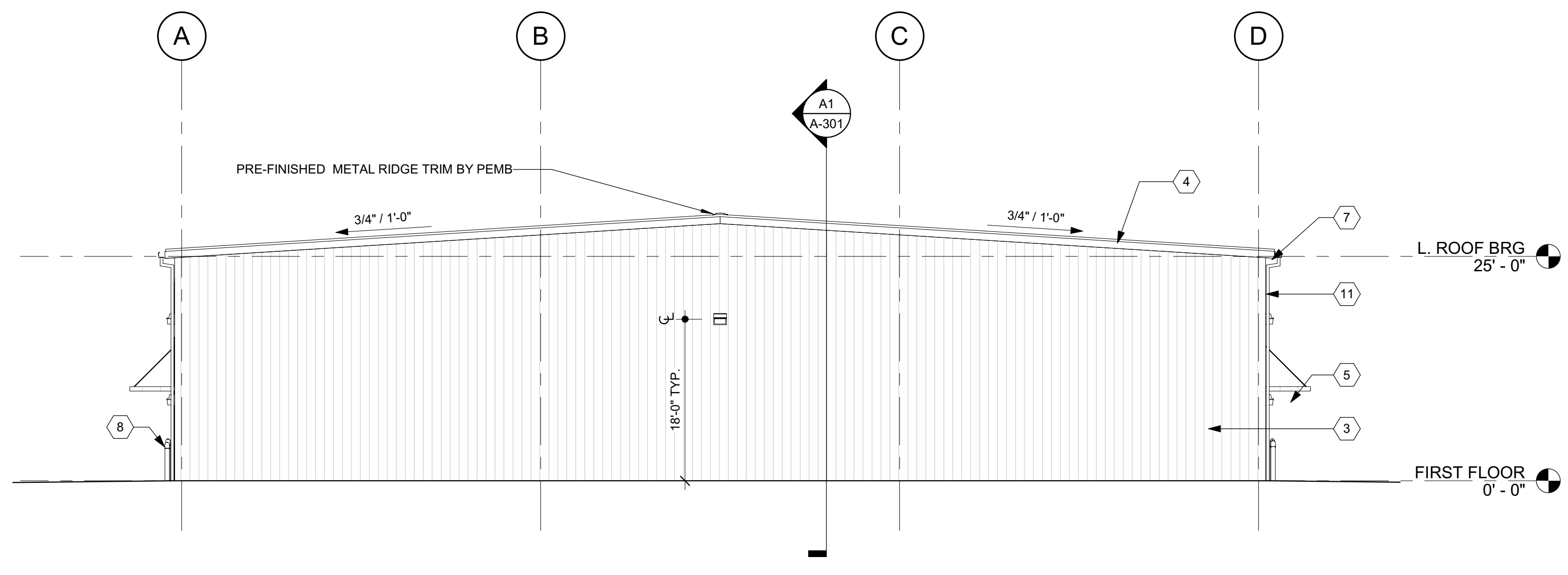
**A1** MSS ROOF PLAN  
3/32" = 1'-0"

BIM 360/19101-223870 Duke Energy - Dunn Mobile Substation

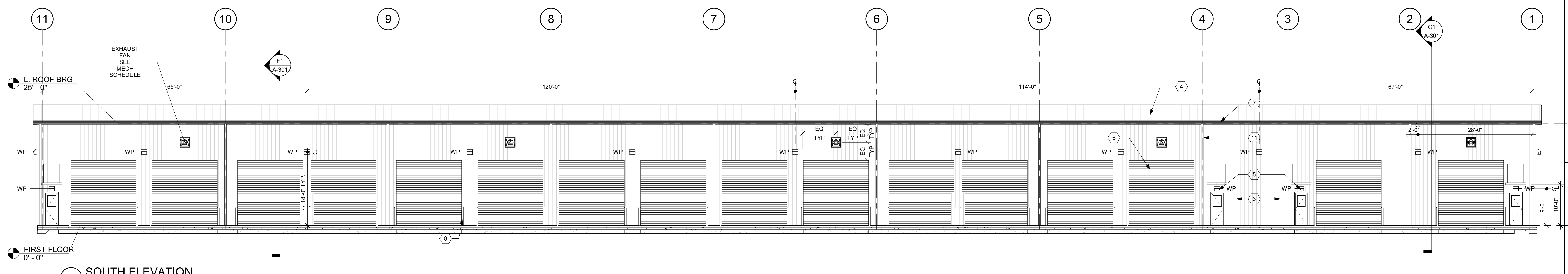
ISSUED FOR CONSTRUCTION



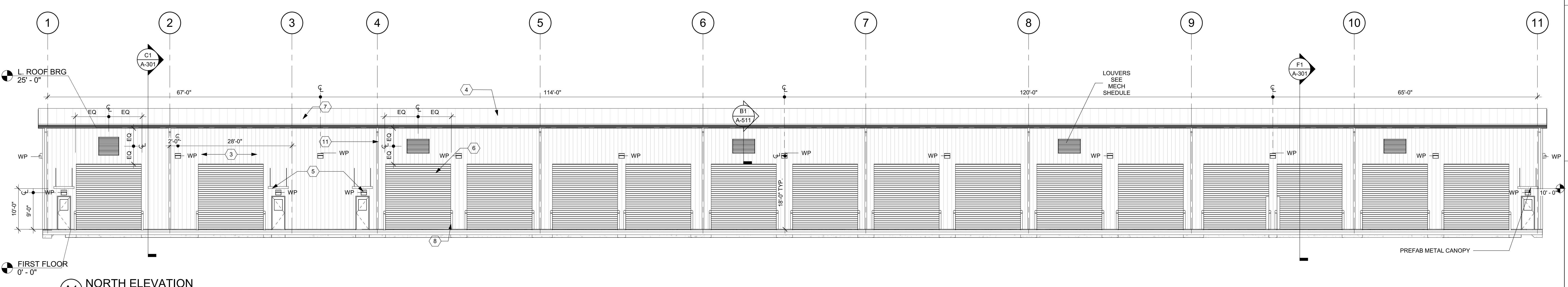
**G1 EAST ELEVATION**  
3/32" = 1'-0"



**E1 WEST ELEVATION**  
3/32" = 1'-0"



**C1 SOUTH ELEVATION**  
3/32" = 1'-0"



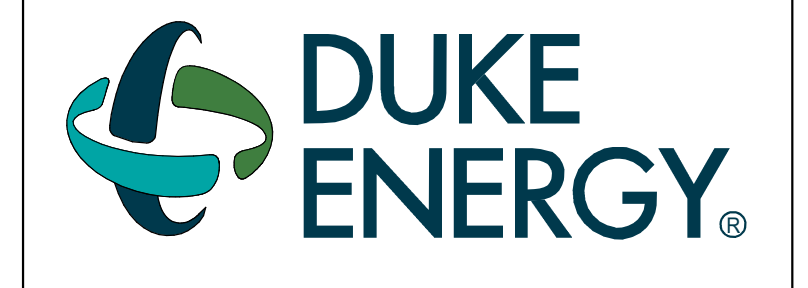
**A1 NORTH ELEVATION**  
3/32" = 1'-0"

**EXTERIOR ELEVATION LEGEND**

NO.	MATERIAL	COLOR/PRODUCT MATCH
1	NOT USED	
2	NOT USED	
3	MP: WHITE HORIZONTAL RIBBED METAL PANEL	COLOR: POLAR WHITE MANF: BASIS OF DESIGN IS MBCI MASTERLINE 16
4	STANDING SEAM METAL ROOF PANELS	COLOR: GALVALUME
5	PREFAB CANOPY BY PEMB MANUFACTURER	COLOR: POLAR WHITE
6	16'-0" X 16'-0" OVERHEAD MOTORIZED COILING DOOR	COLOR: POLAR WHITE
7	METAL FASCIA & GUTTER	COLOR: SLATE GRAY
8	4" HIGH 6" DIA. STEEL PIPE BOLLARD FILLED WITH CONCRETE	COLOR: SAFETY YELLOW
9	NOT USED	
10	NOT USED	
11	ALUMINUM DOWNSPOUT, TIE INTO STORM DRAINAGE	COLOR: SLATE GRAY
12	NOT USED	

NOTES:  
 1. CONCRETE APRON UNDERNEATH CANOPY, REFER TO CIVIL.  
 2. STANDING SEAM METAL ROOF PANELS WITH CONCEALED FASTENERS.  
 3. CENTER MECHANICAL LOUVERS ABOVE COILING DOORS

DRAWING NO.  
CFD-####-A-2001-41CC2B

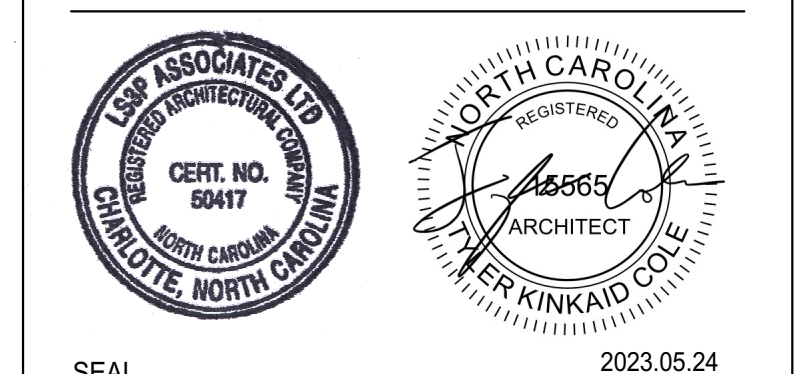


MAILING ADDRESS:  
P.O. BOX 1007  
CHARLOTTE, NC 28201

**Safety Expectations:**  
 ILLNESS ZERO INJURY ZERO  
 Reduce Risk  
 Remove Exposures to Hazards  
 Reinforce Safe Behavior



227 W. Trade St. Suite 700  
Charlotte, NC 28202



**DUNN OPERATIONS CENTER**

1269 Jonesboro Rd  
Harnett County, NC 28334

**MOBILE SUB. STORAGE**

MARK	DATE	DRN BY	REVISION
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			

PROJECT NO: 9101-223870  
DRAWING NUMBER

CFD-####-A-2001-41CC2B

ELECTRONIC FILE NAME:

DRAWN BY: TKC

CHKD BY: RA DATE: 2023.05.24

E-MAIL: tylercole@ls3p.com

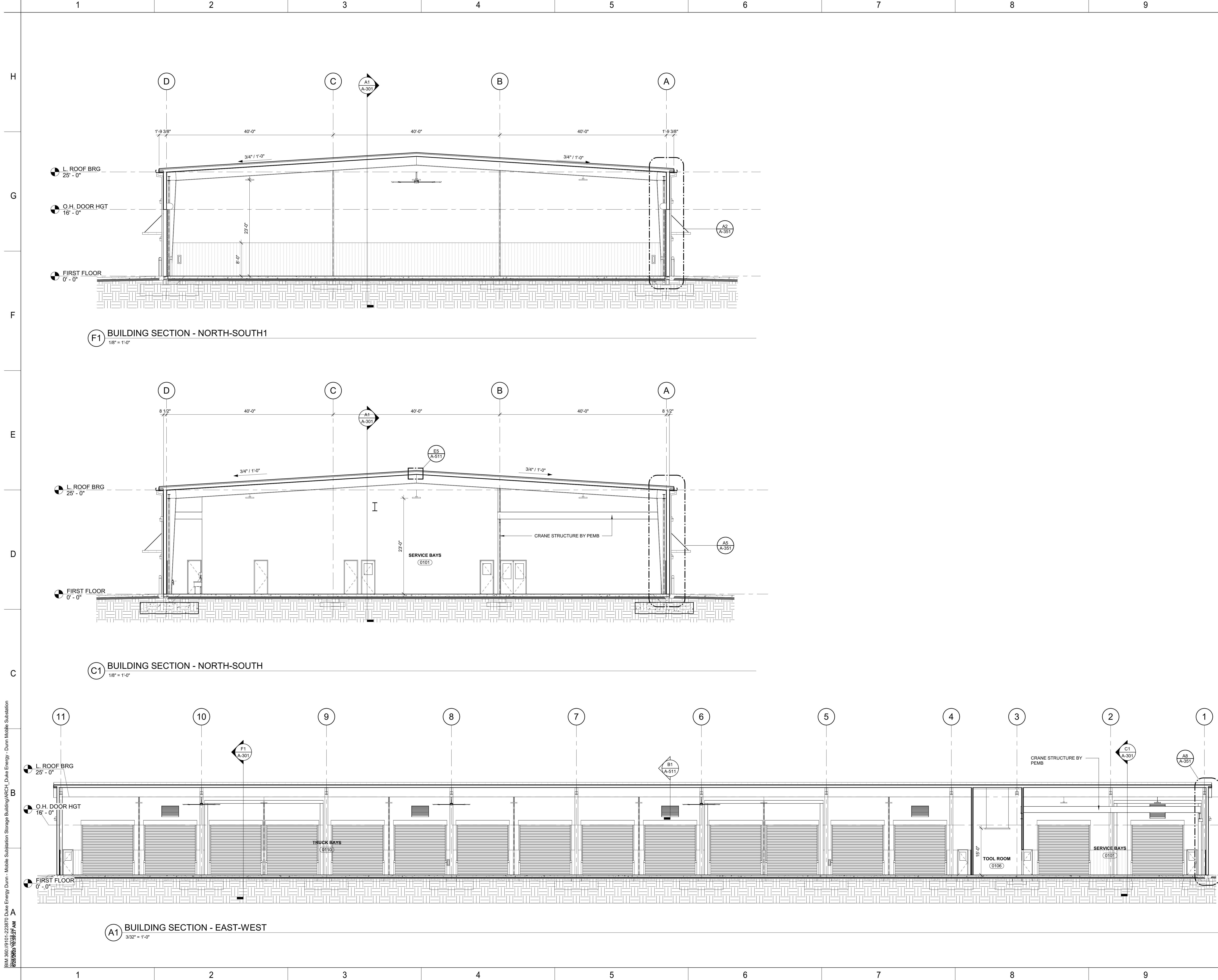
**EXTERIOR ELEVATIONS**

SHEET NO.

**A-201**

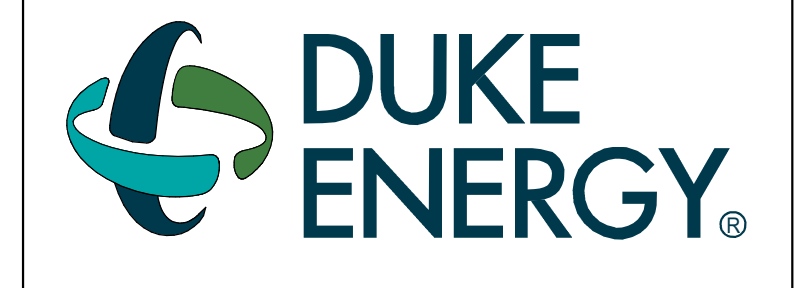
ISSUED FOR CONSTRUCTION

BIM 360/101-223870 Duke Energy - Mobile Substation Storage Building/ARCH - Duke Energy - Dunn Mobile Substation



BIM 360/19101-223870 Duke Energy - Dunn - Mobile Substation Building/ARCH - Duke Energy - Dunn Mobile Substation  
 2023.05.24 10:18:27 AM

DRAWING NO.  
CFD-####-A-3001-41CC2B



MAILING ADDRESS:  
P.O. BOX 1007  
CHARLOTTE, NC 28201

**Safety Expectations:**

ILLNESS  
**ZERO**  
INJURY  
DEATH

Reduce Risk  
Remove Exposures to Hazards  
Reinforce Safe Behavior

**LS3P**

227 W. Trade St. Suite 700  
Charlotte, NC 28202

SEAL

2023.05.24

**DUNN OPERATIONS CENTER**

1269 Jonesboro Rd  
Harnett County, NC 28334

**MOBILE SUB. STORAGE**

MARK	DATE	DRN BY	REVISION
1	05/24/23		ISSUED FOR CONSTRUCTION
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			

PROJECT NO: 9101-223870  
DRAWING NUMBER

CFD-####-A-3001-41CC2B

ELECTRONIC FILE NAME:

DRAWN BY: TKC  
CHK'D BY: RA DATE: 2023.05.24

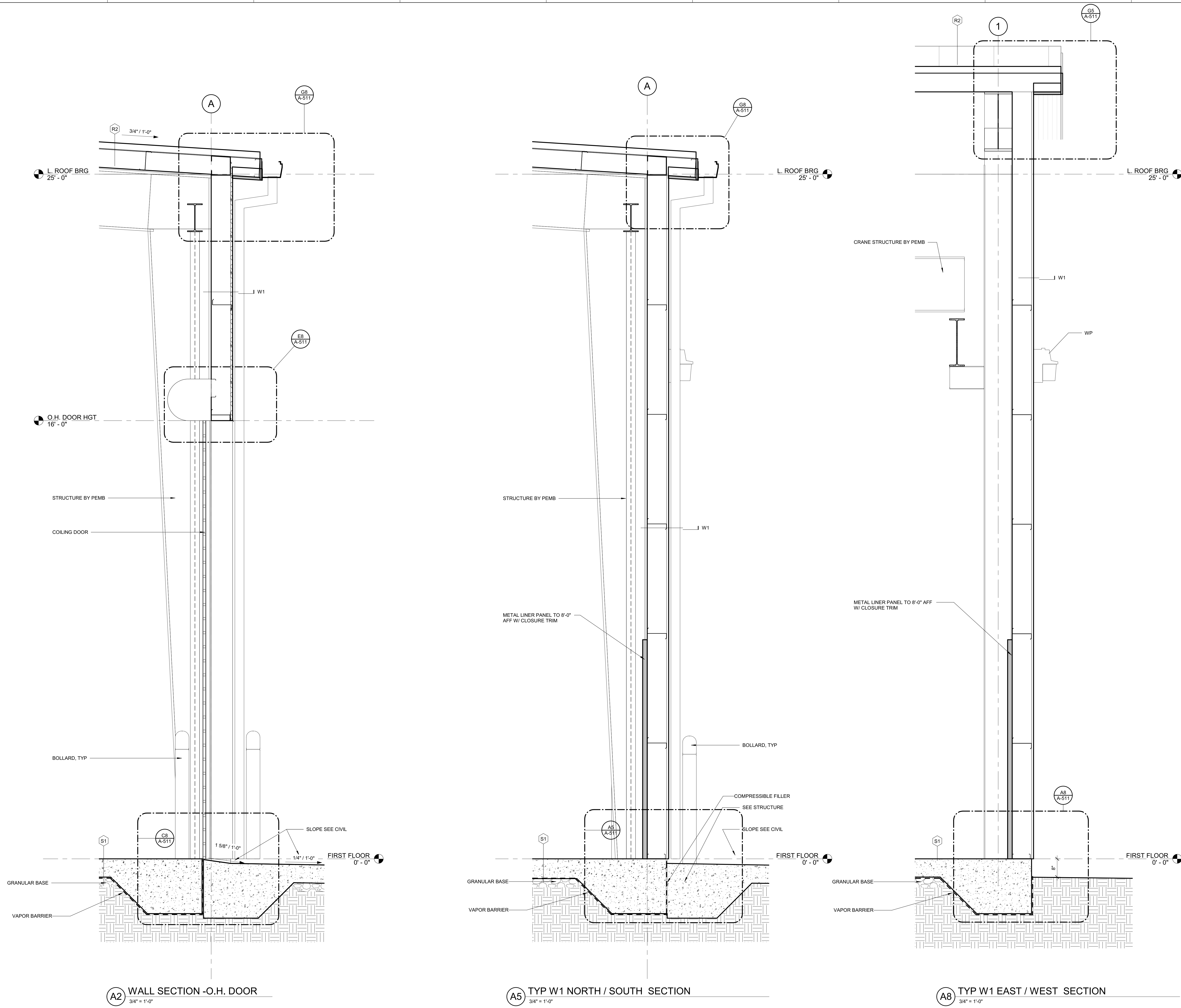
E-MAIL: tylercole@ls3p.com

SHEET TITLE:  
**BUILDING SECTIONS**

SHEET NO.  
**A-301**

ISSUED FOR CONSTRUCTION

BIM 360/19101228370 Duke Energy Dumm - Mobile Substation Storage Building/ARCH - Duke Energy - Dumm Mobile Substation



**A2** WALL SECTION -O.H. DOOR  
3/4" = 1'-0"

**A5** TYP W1 NORTH / SOUTH SECTION  
3/4" = 1'-0"

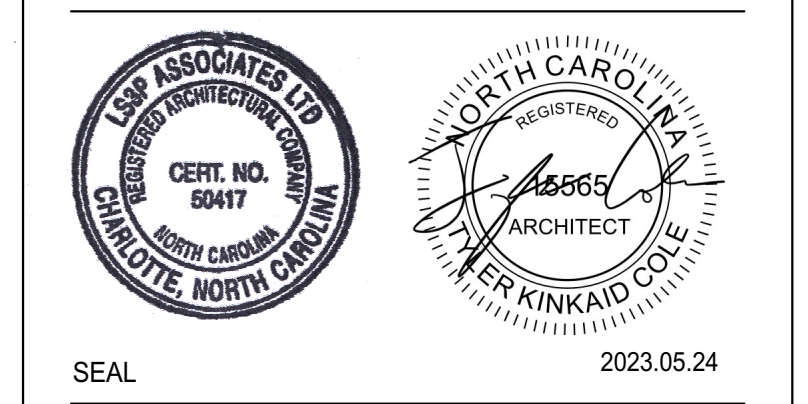
**A8** TYP W1 EAST / WEST SECTION  
3/4" = 1'-0"

DRAWING NO.  
CFD-####-A-3002-41CC2B



MAILING ADDRESS:  
P.O. BOX 1007  
CHARLOTTE, NC 28201

**Safety Expectations:**  
ILLNESS ZERO INJURY ZERO  
Reduce Risk  
Remove Exposures to Hazards  
Reinforce Safe Behavior



**DUNN OPERATIONS CENTER**

1269 Jonesboro Rd  
Harnett County, NC 28334

**MOBILE SUB. STORAGE**

MARK	DATE	DRN BY	REVISION
A	05/24/23		ISSUED FOR CONSTRUCTION
B			
C			
D			
E			
F			
G			
H			

PROJECT NO: 19101-228370  
DRAWING NUMBER  
CFD-####-A-3002-41CC2B

ELECTRONIC FILE NAME:  
DRAWN BY: TKC  
CHK'D BY: RA DATE: 2023.05.24  
E-MAIL: tylercole@ls3p.com

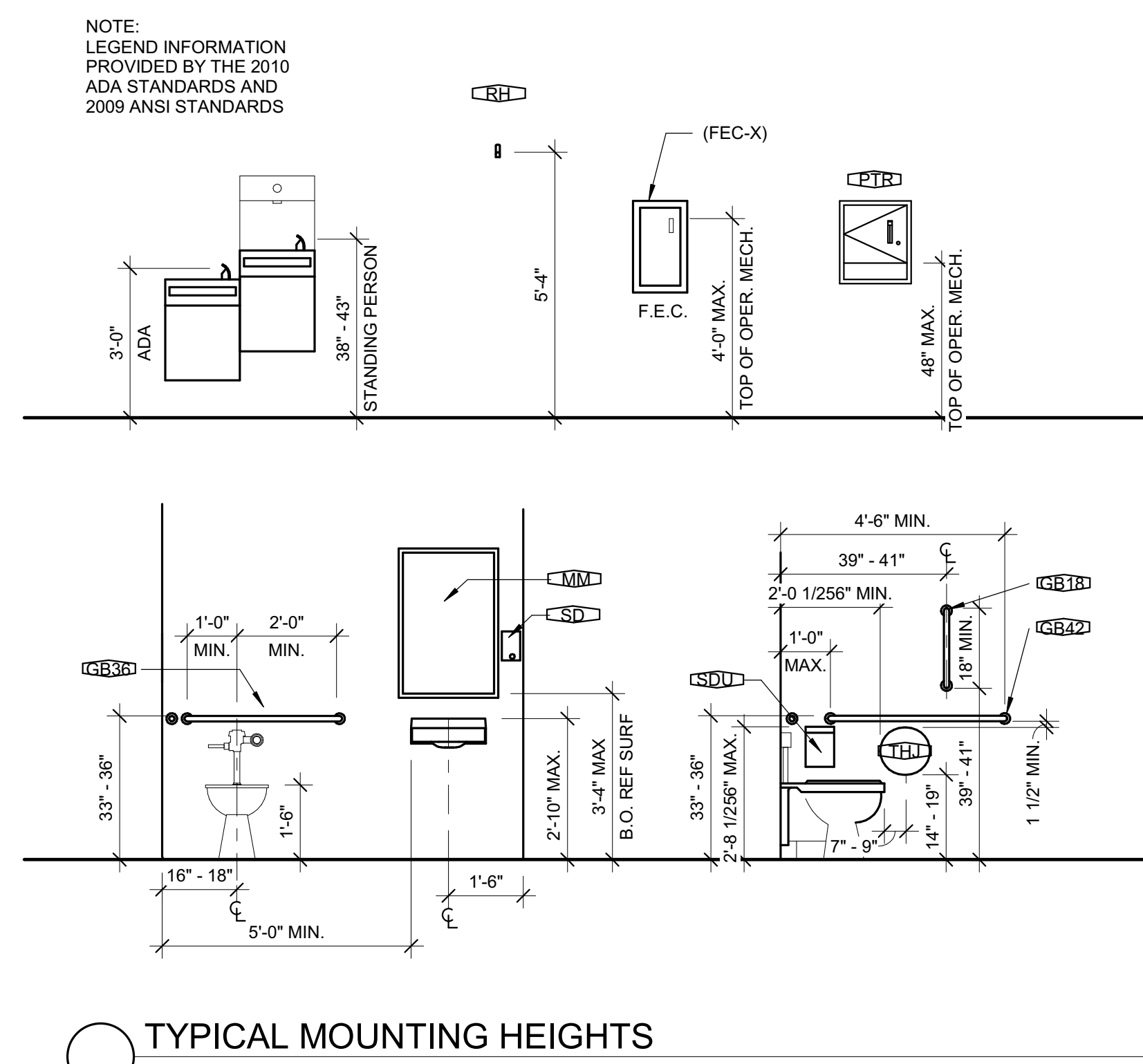
SHEET TITLE:  
**WALL SECTIONS**

SHEET NO.  
**A-351**

ISSUED FOR CONSTRUCTION



TOILET ACCESSORIES LEGEND				
DESCRIPTION	MANUFACTURER	MODEL #	SIZE	
TT TOILET TISSUE DISPENSER	BOBRICK	B-2740	12 1/2"W x 1 1/2"H x 4 7/8"D	
PTR-1 AUTO PAPER TOWEL DISPENSER (FIELD)	GEORGIA PACIFIC	emOTION 59462	14.8" W x 16.75" H x 9.75" D	
SD LIQUID SOAP - WALL	GOJO	5271-06	6.5" W x 11.66" H x 4.68" D	
GB# GRAB BAR	BOBRICK	B-6806 SERIES	18" / 36" / 42" LENGTH	
SND SANITARY NAPKIN DISPOSAL UNIT	BOBRICK	B-254		
MM GLASS MIRROR UNIT	BOBRICK	B-165 SERIES	24" W x 48" H	
CH-1 COAT HOOK (FIELD)	AMERICAN SPECIALTIES	0714		
MH MOP HOOKS	-	-		
MOP MOP AND BROOM HOLDER	-	-		



- ### FINISH PLAN SHEET NOTES
- NOTIFY THE ARCHITECT IF ANY DISCREPANCIES OR OMISSIONS ARE NOTED IN THESE DRAWINGS.
  - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK LEAD TIMES ON FINISHES IN ORDER TO AVOID DELAYING THE WORK.
  - INSTALLERS OF EACH FINISH MATERIAL SHALL INSPECT BOTH THE SUBSTRATE AND CONDITIONS UNDER WHICH WORK IS TO BE PERFORMED. INSTALLER SHALL NOT PROCEED UNTIL ANY UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED AND MEET ALL MANUFACTURER'S REQUIREMENTS. INSTALLER IS RESPONSIBLE FOR NEW MATERIALS INSTALLED OVER DEFICIENT SUBSTRATES.
  - ALL INTERIOR FINISHES SHALL COMPLY WITH THE SECTION 803 AND 804 OF RESTRICTIONS OF COMBUSTIBLE MATERIALS OF THE INTERNATIONAL BUILDING CODE. ALL INTERIOR FINISHES SHALL BE CLASS B OR BETTER.
  - PAINT ALL EXPOSED AND SEMI-EXPOSED WOOD BLOCKING AND METAL SUPPORTS TO MATCH ADJACENT SURFACES. COORDINATE WITH ARCHITECT.
  - PAINTED FINISH ON METAL SURFACES SHALL BE SMOOTH, CLEAR AND FREE OF ALL BRUSH MARKS.
  - FINISH PAINT COAT SHALL BE COMPLETED AND FULLY DRIED PRIOR TO INSTALLING WALL MOUNTED FACE PLATE COVERS FOR SWITCHES, RECEPTACLES, AND THERMOSTATS.
  - TILE SUBCONTRACTOR SHALL USE LATEX ADDITIVE IN SETTING BED PER MANUFACTURER'S RECOMMENDATIONS UNLESS OTHERWISE NOTED.
  - INSTALL ALL VINYL FLOOR TILE IN THE SAME DIRECTION UNLESS OTHERWISE NOTED.
  - INSTALL TRANSITION STRIP WHERE DIFFERING FLOORING MATERIALS ABUTT, UNLESS OTHERWISE NOTED. COORDINATE FINISH COLOR WITH ARCHITECT.
  - PAINT METAL WALL AND CEILING-MOUNTED ACCESS DOORS TO MATCH ADJACENT SURFACE UNLESS OTHERWISE NOTED.
  - ALL FLOOR FINISH MATERIAL CHANGES SHALL OCCUR AT THE CENTER LINE OF CLOSED DOORS.
  - FLOOR PATTERN TO CONTINUE UNDER ALL OPEN WOODWORK / WORKSURFACES.
  - ALIGN GROUT JOINTS AT FLOOR, BASE, AND WALL TILE. TILE INSTALLER TO USE RAIMOND BREAKAWAY LEVELING SYSTEM CLIPS & WEDGES OR EQUAL. INSTALLER TO USE PROPER LEVELING SPACERS IN ORDER TO OBTAIN GROUT JOINT SIZE SPECIFIED BY ARCHITECT.
  - WHERE WALL AND/OR FLOOR TILE PATTERNS ARE NOT INDICATED ON FINISH DRAWINGS, CENTER TILE ON WALL OR FLOOR UNLESS OTHERWISE NOTED.
  - INSTALL SCHLUTER STRIPS AT ALL EXPOSED TILE EDGES. COORDINATE FINISH WITH ARCHITECT.

DRAWING NO.  
**CFD-####-A-4001-41CC2B**

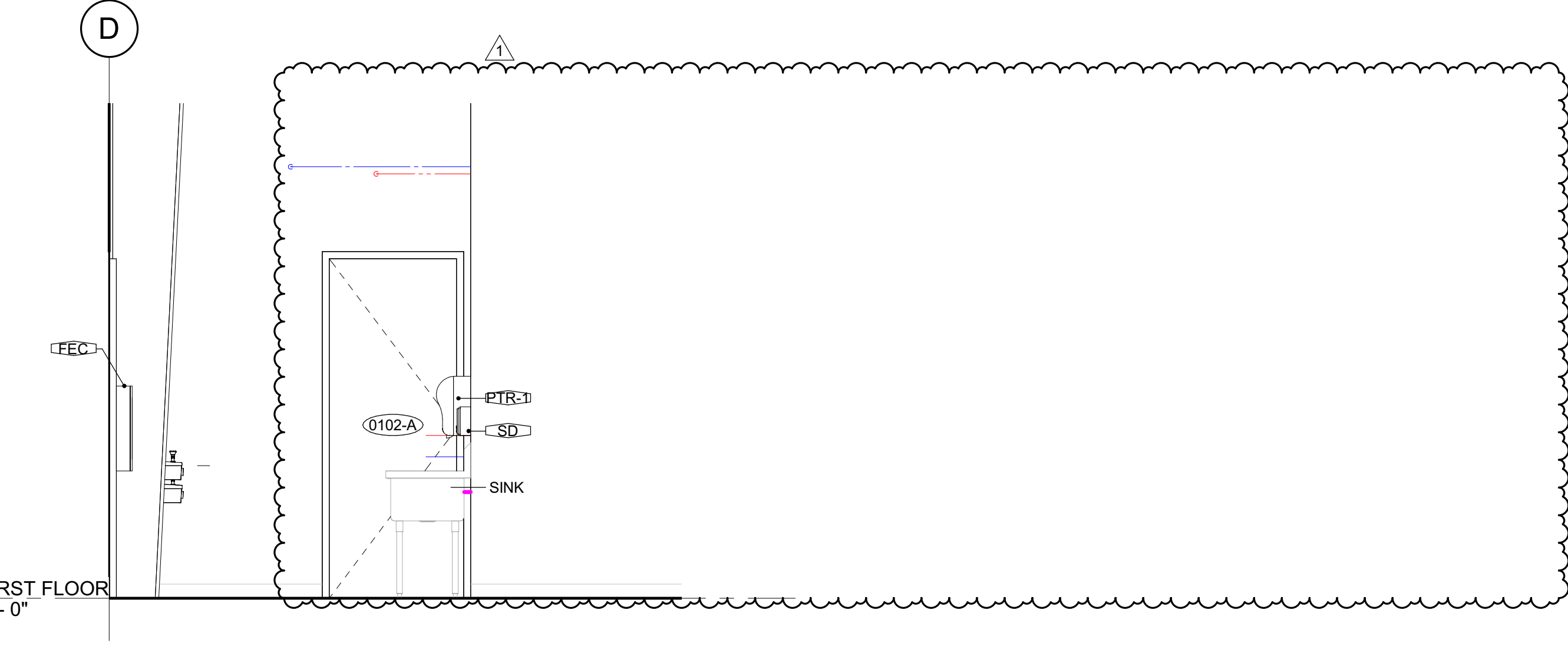
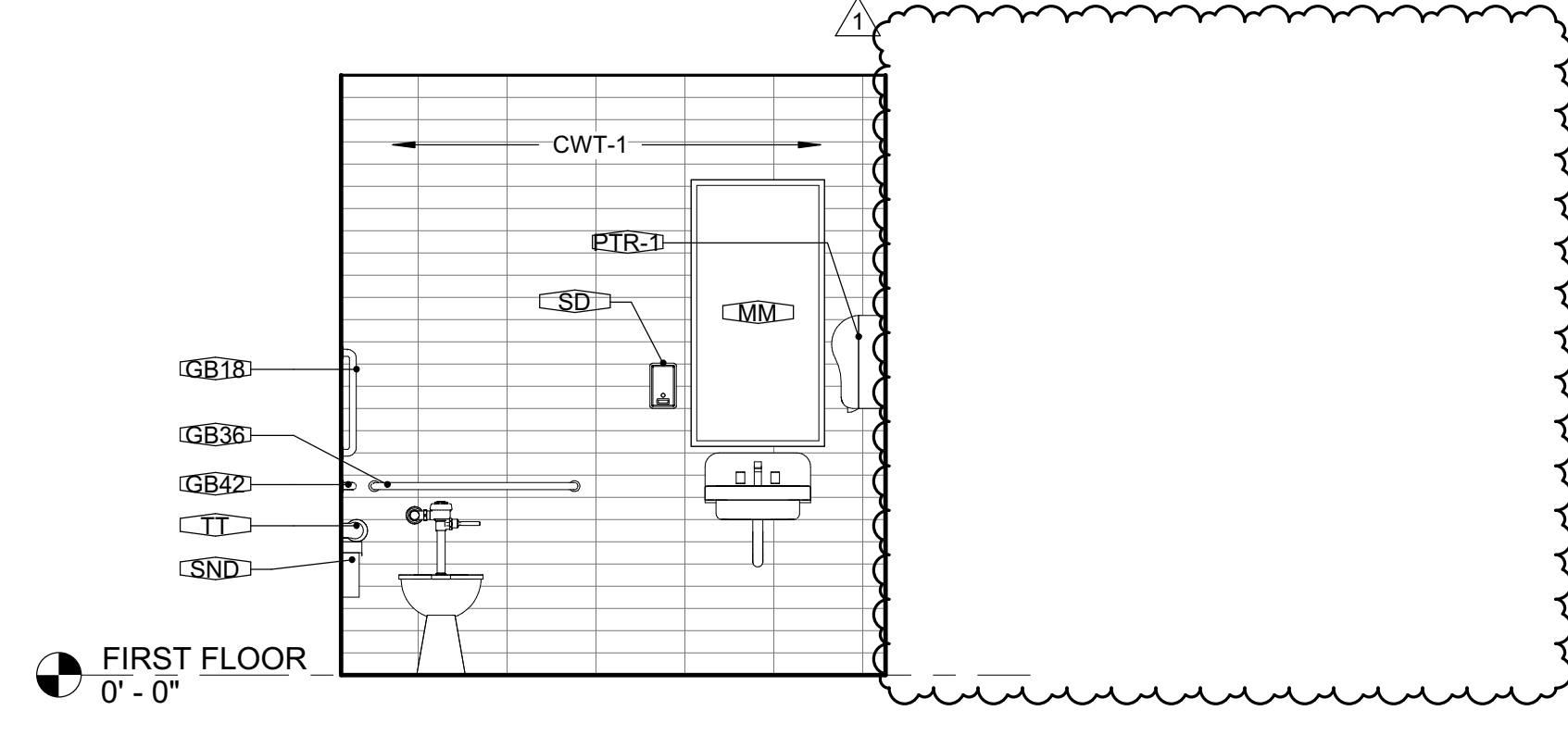
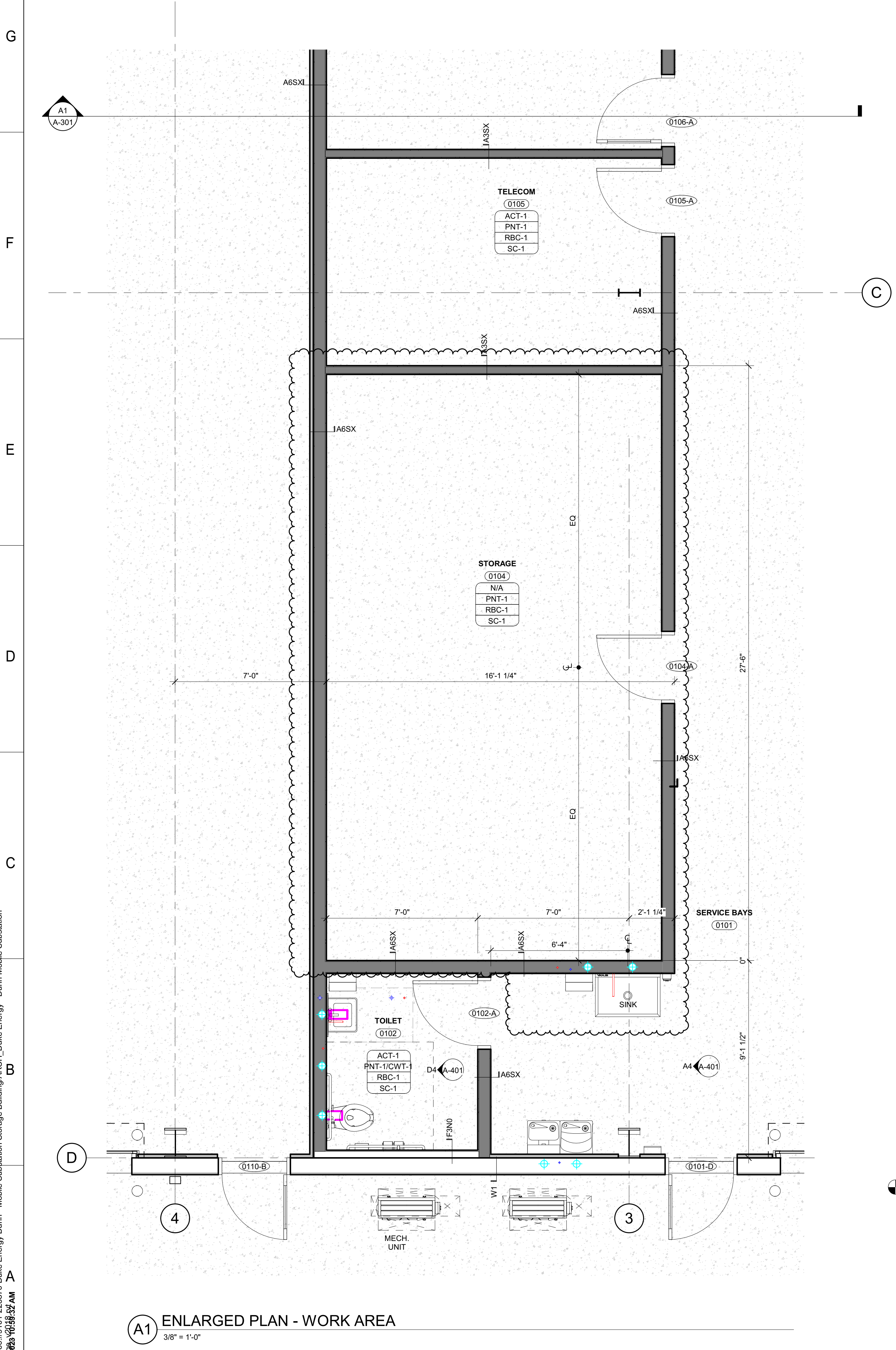
MAILING ADDRESS:  
P.O. BOX 1007  
CHARLOTTE, NC 28201

**Safety Expectations:**

Reduce Risk  
Remove Exposures to Hazards  
Reinforce Safe Behavior

227 W. Trade St. Suite 700  
Charlotte, NC 28202

- ### ROOM FINISH LEGEND
- CORNER GUARD
  - LVT-1
  - CSL-1
- ### ROOM FINISH TAG LEGEND
- ROOM NAME
  - ROOM NUMBER
  - CEILING MATERIAL CODE
  - WALL MATERIAL CODE
  - BASE MATERIAL CODE
  - FLOOR MATERIAL CODE



BIM 360/101/223870 Duke Energy - Mobile Substation Storage Building/ARCH - Duke Energy - Dunn Mobile Substation 2023.05.23 10:15:37 AM

SEAL

2023.05.24

**DUNN OPERATIONS CENTER**

1269 Jonesboro Rd  
Harnett County, NC 28334

**MOBILE SUB. STORAGE**

MARK	DATE	DRN BY	REVISION	OWNER CHANGES	ISSUED FOR CONSTRUCTION
1	06.29.23	TKC			
2	05.24.23				

PROJECT NO: 9101-223870  
DRAWING NUMBER  
**CFD-####-A-4001-41CC2B**

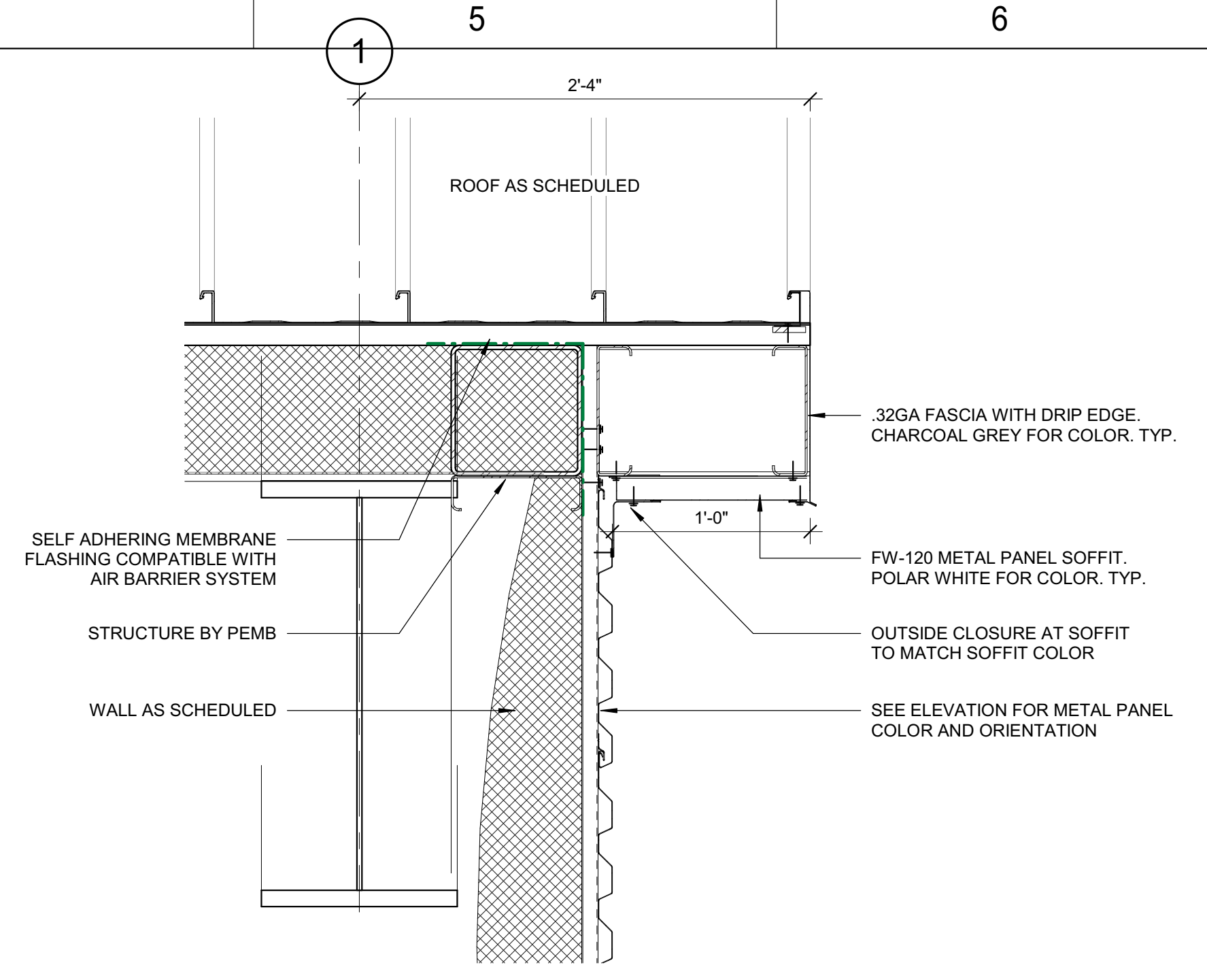
ELECTRONIC FILE NAME:  
DRAWN BY: TKC  
CHK'D BY: RA DATE: 2023.05.24  
E-MAIL: tylercole@ls3p.com

SHEET TITLE:  
**ENLARGED PLANS & ELEVATIONS**

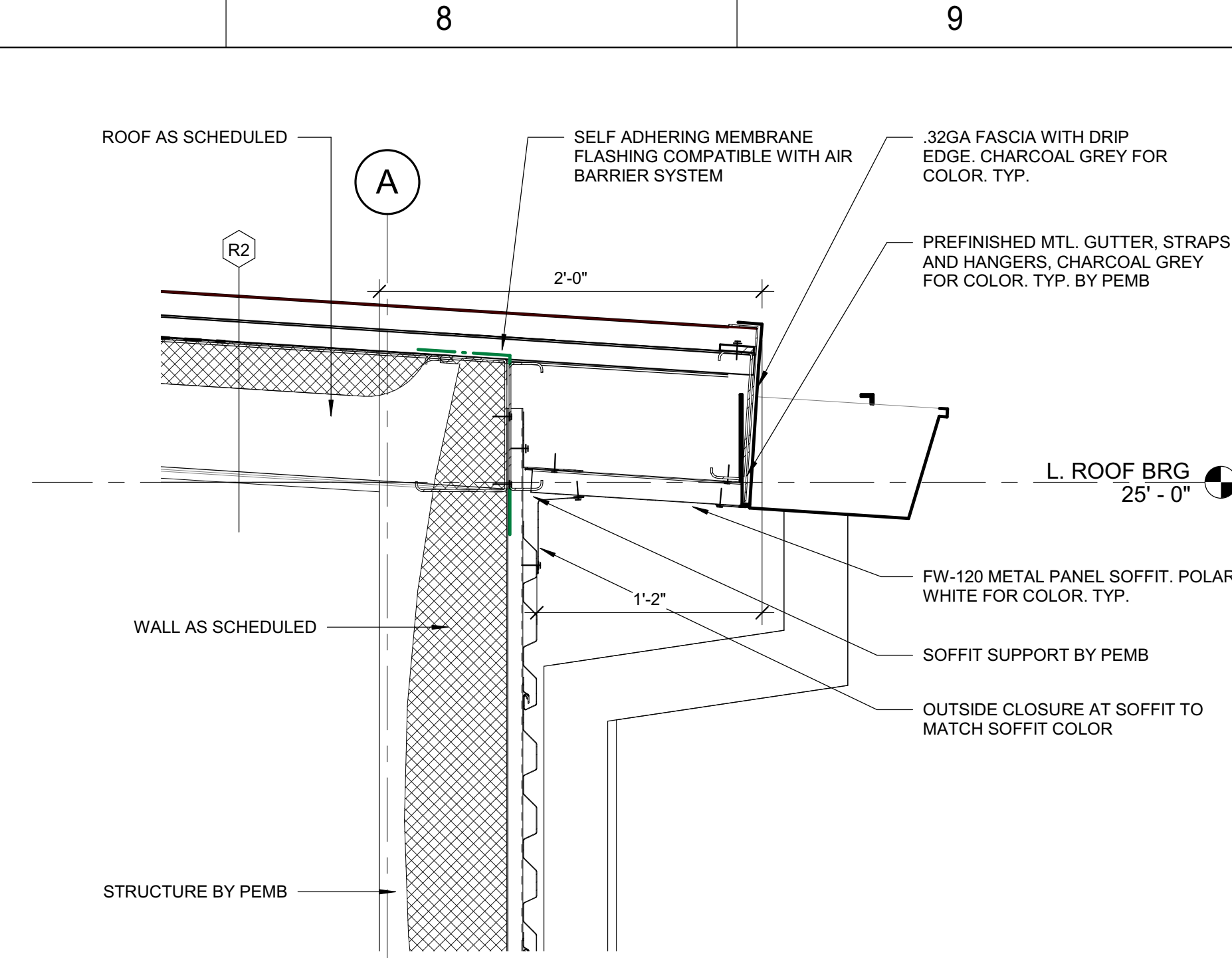
SHEET NO.  
**A-401**

ISSUED FOR CONSTRUCTION

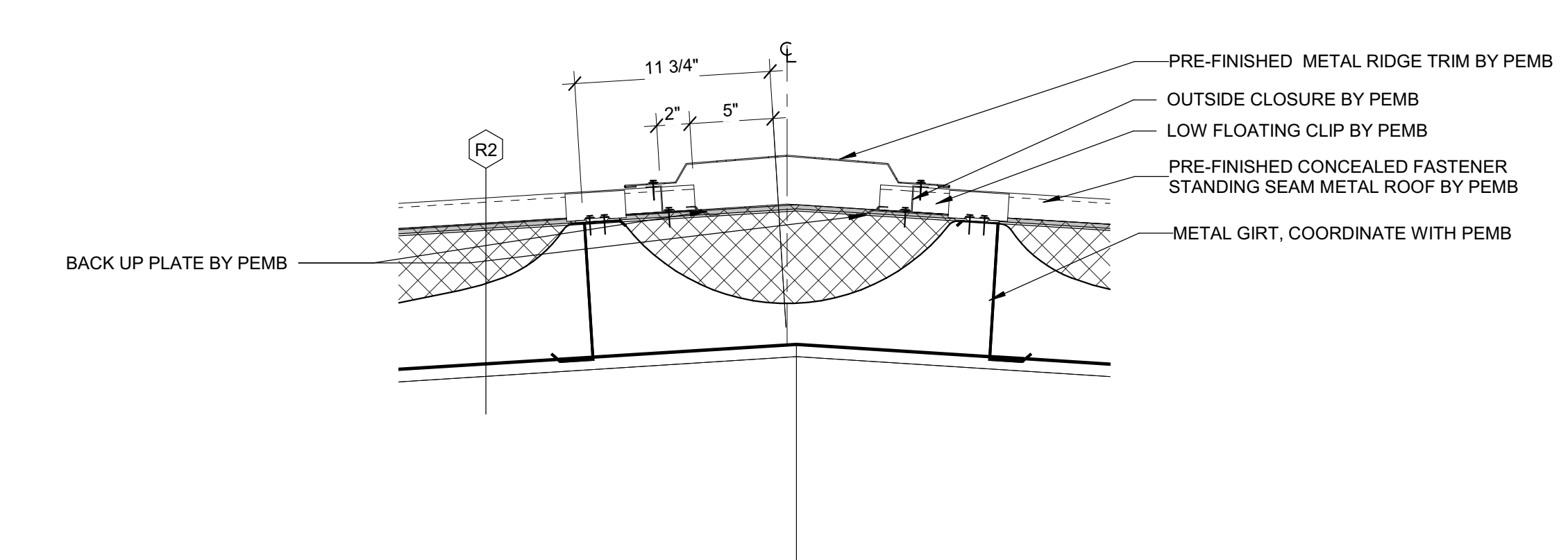
BIM 360/101:223870 Duke Energy - Dunn Mobile Substation  
 2023.05.23 10:13 AM



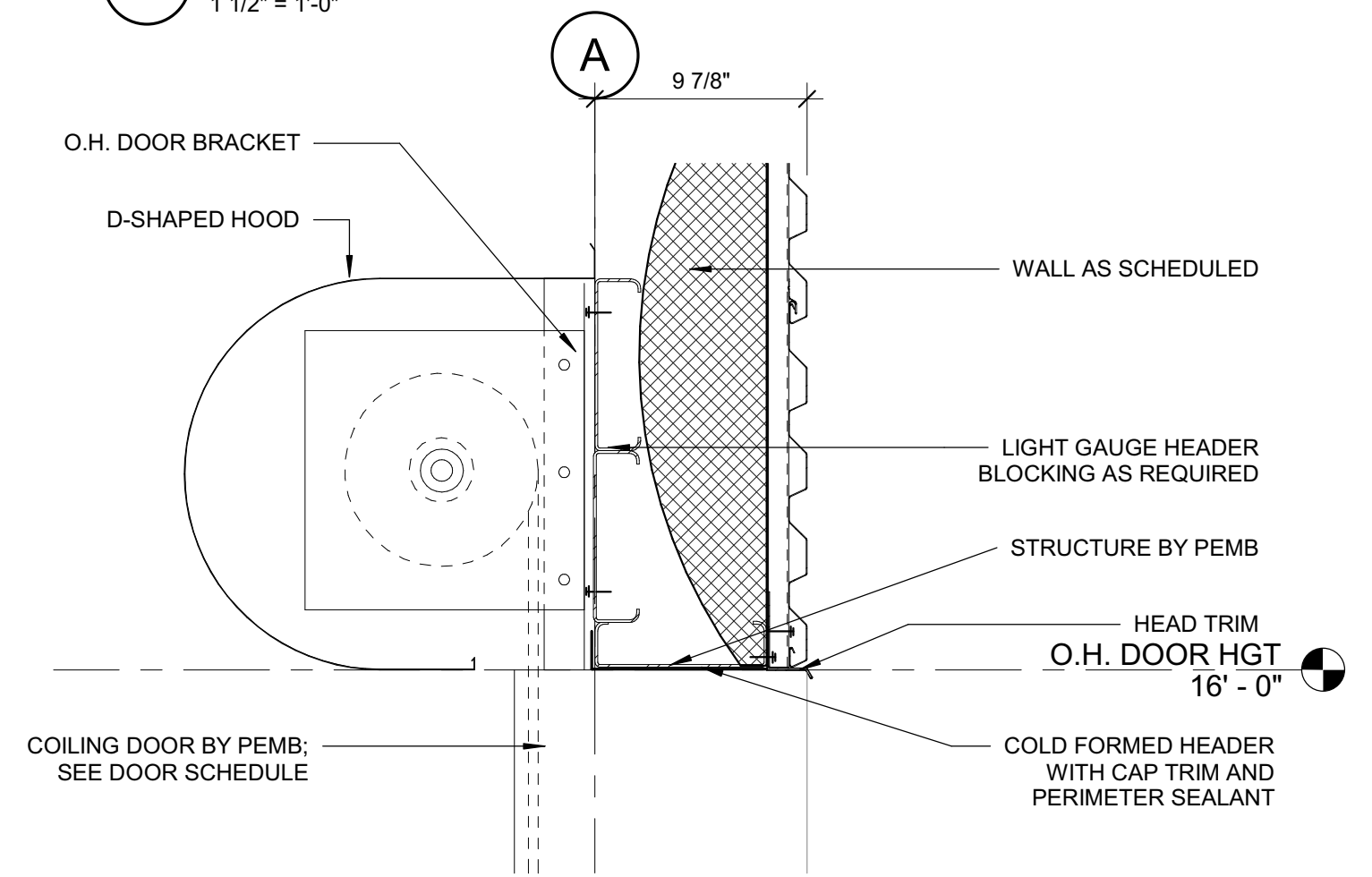
**G5** RIDGE TO RAKE TRANSITION  
1 1/2" = 1'-0"



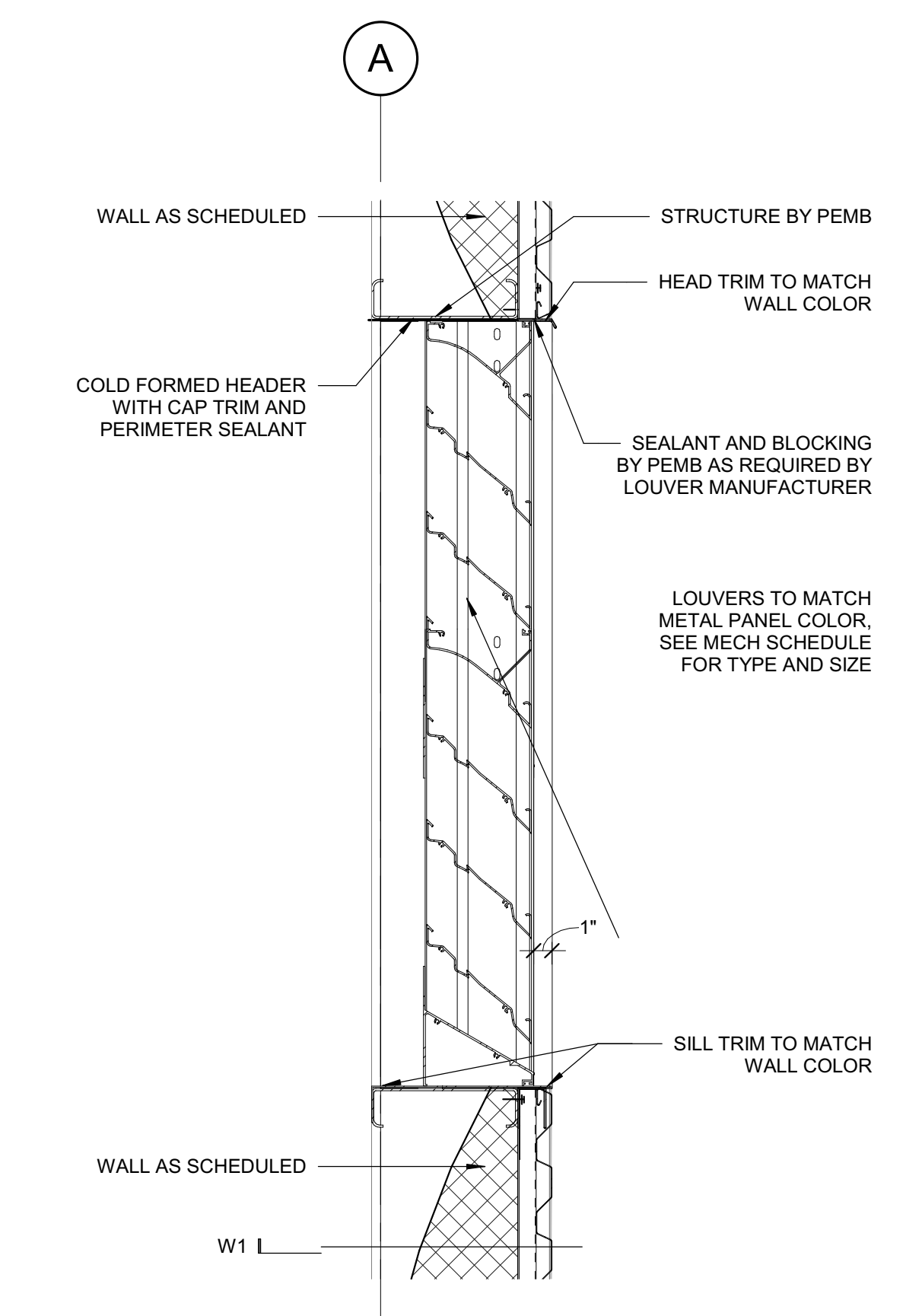
**G8** EAVE WITH GUTTER  
1 1/2" = 1'-0"



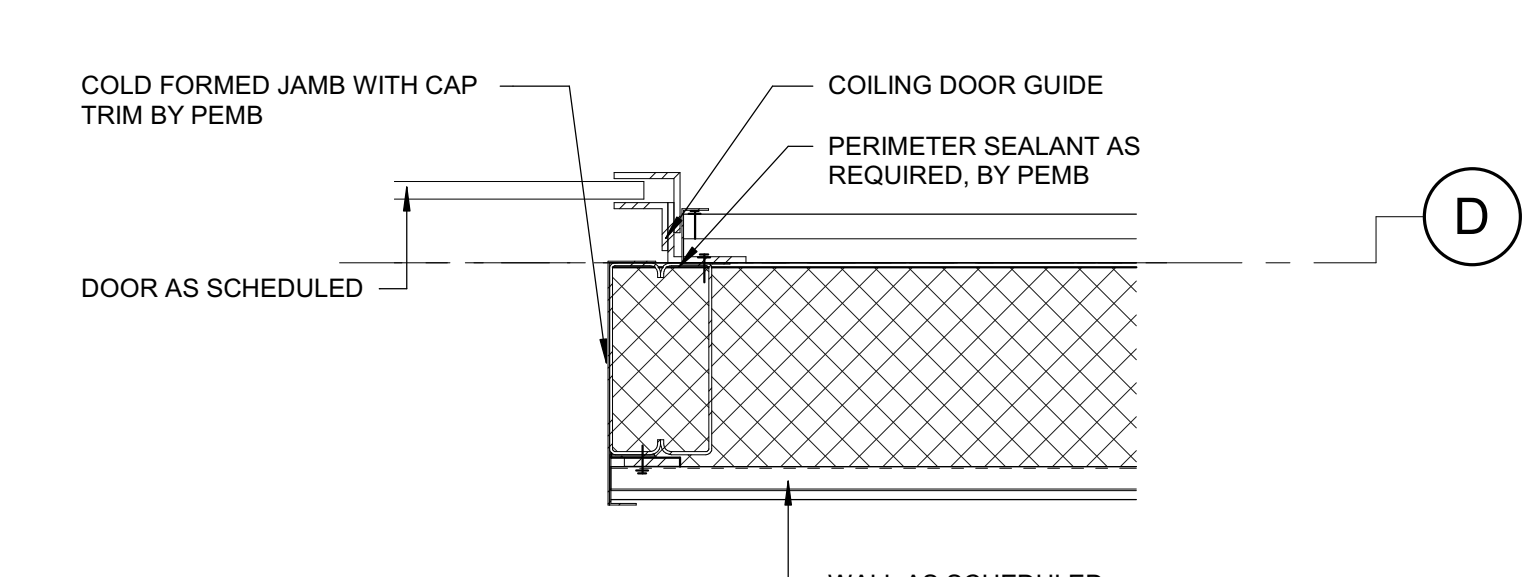
**E5** RIDGE TRIM  
1 1/2" = 1'-0"



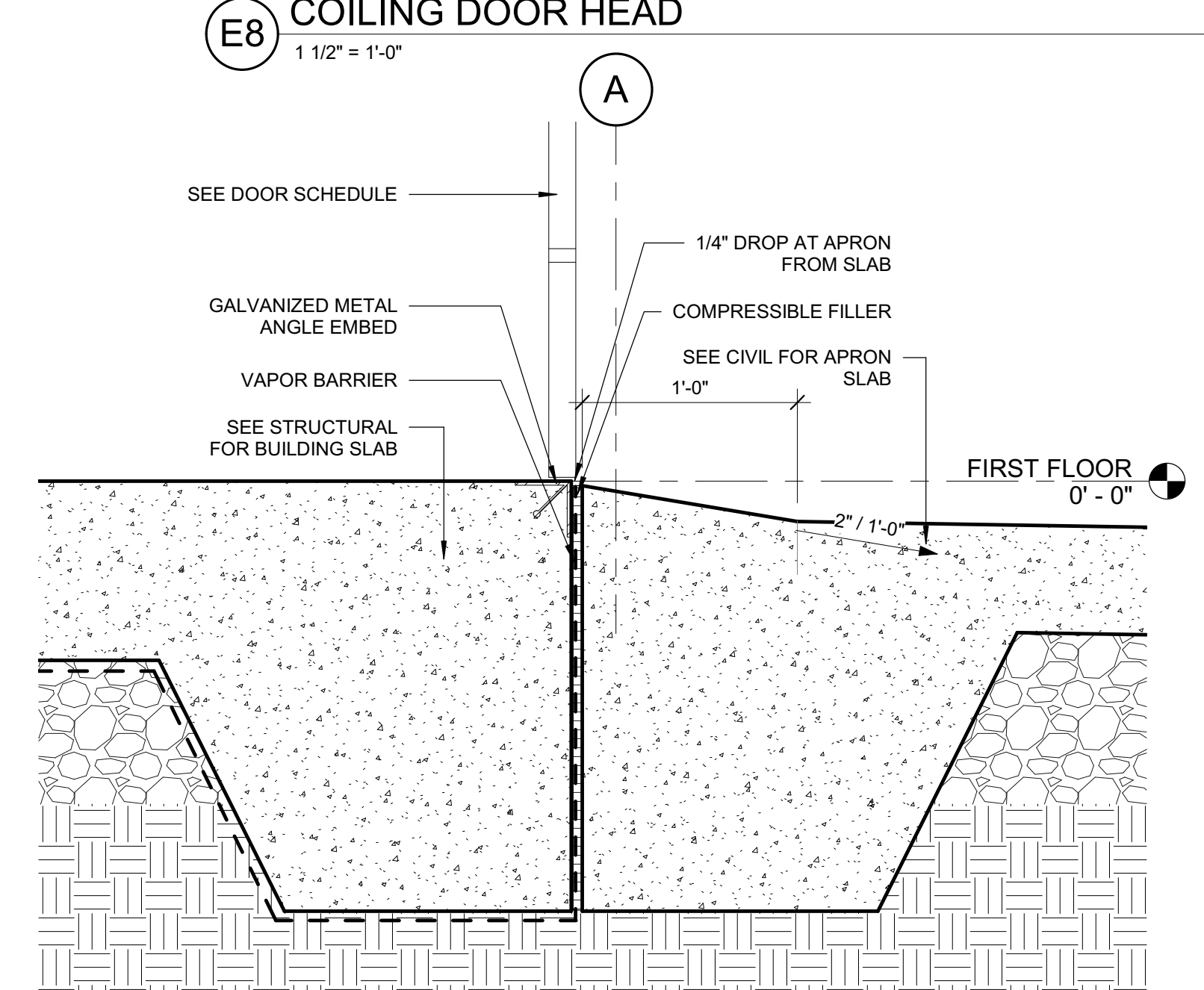
**E8** COILING DOOR HEAD  
1 1/2" = 1'-0"



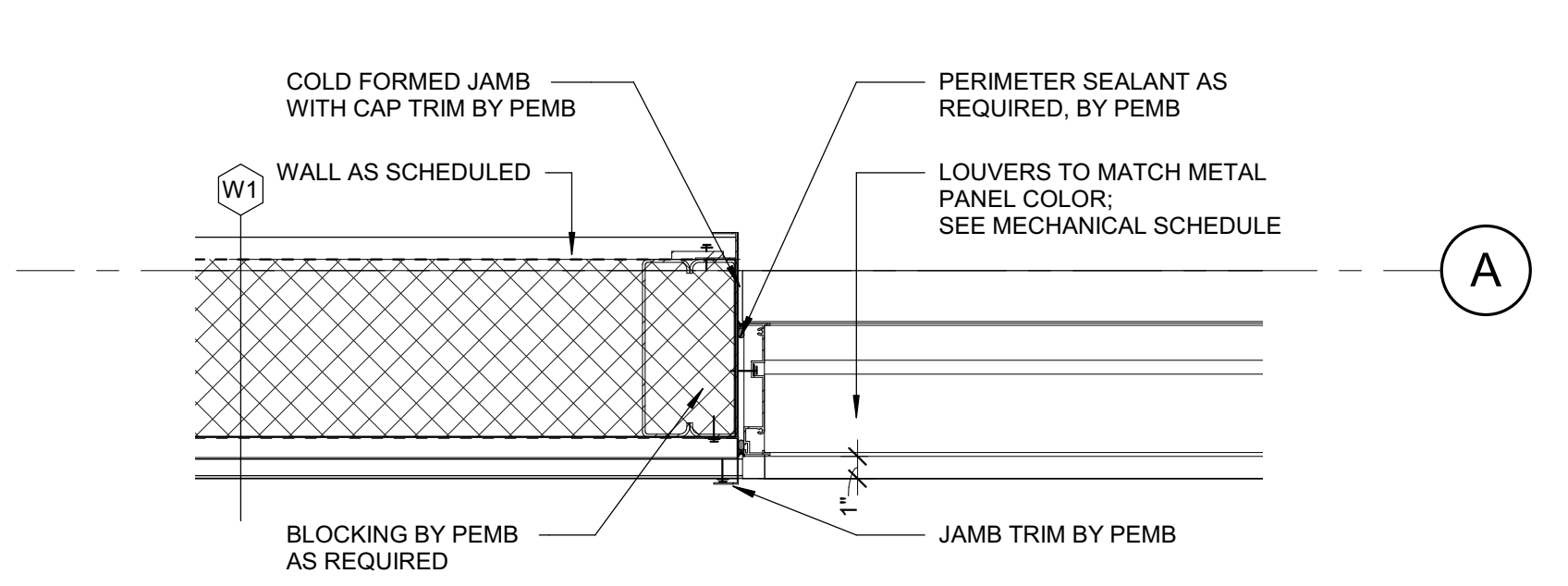
**B1** LOUVER HEADER AND SILL  
1 1/2" = 1'-0"



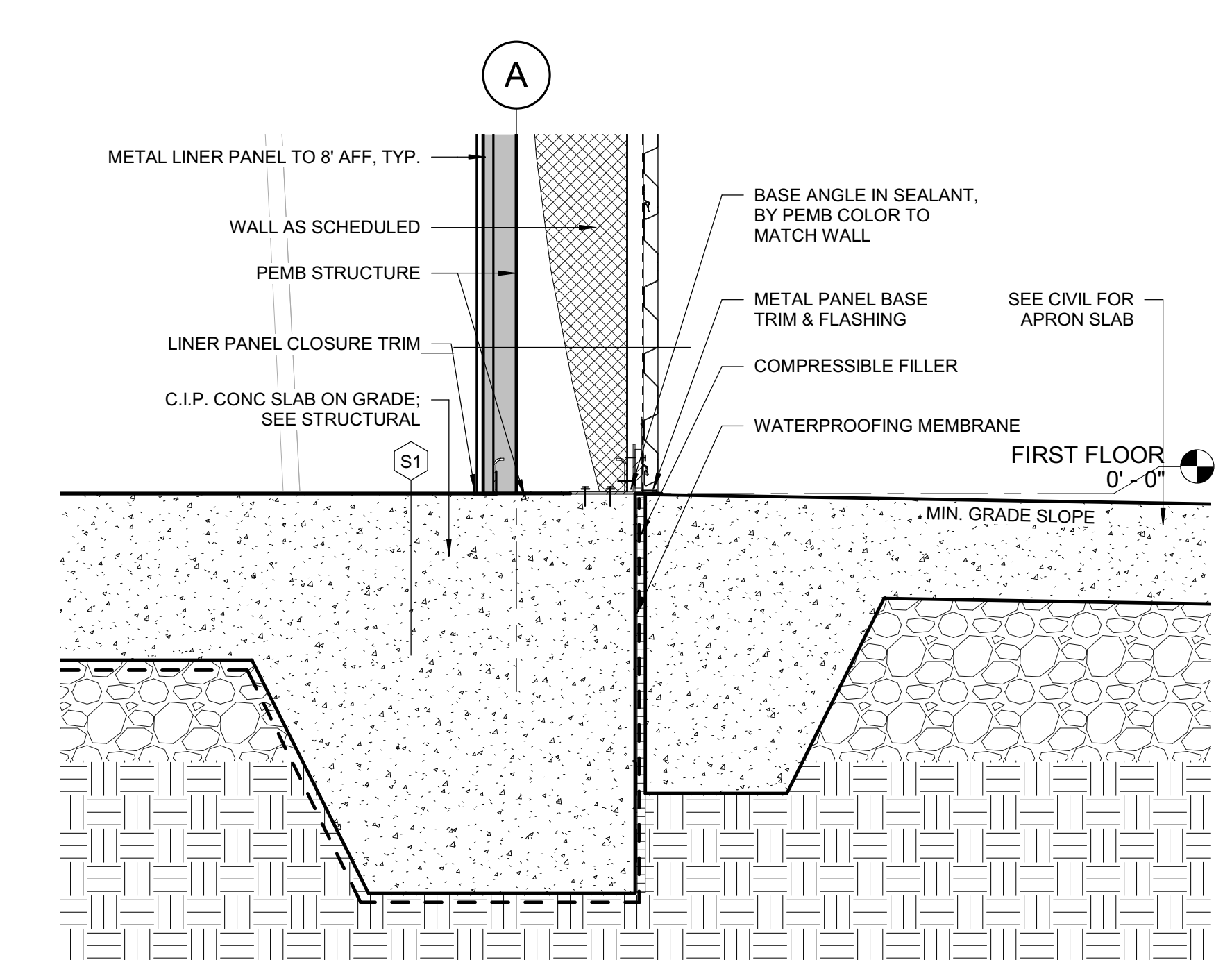
**C5** OVERHEAD DOOR JAMB TYP  
1 1/2" = 1'-0"



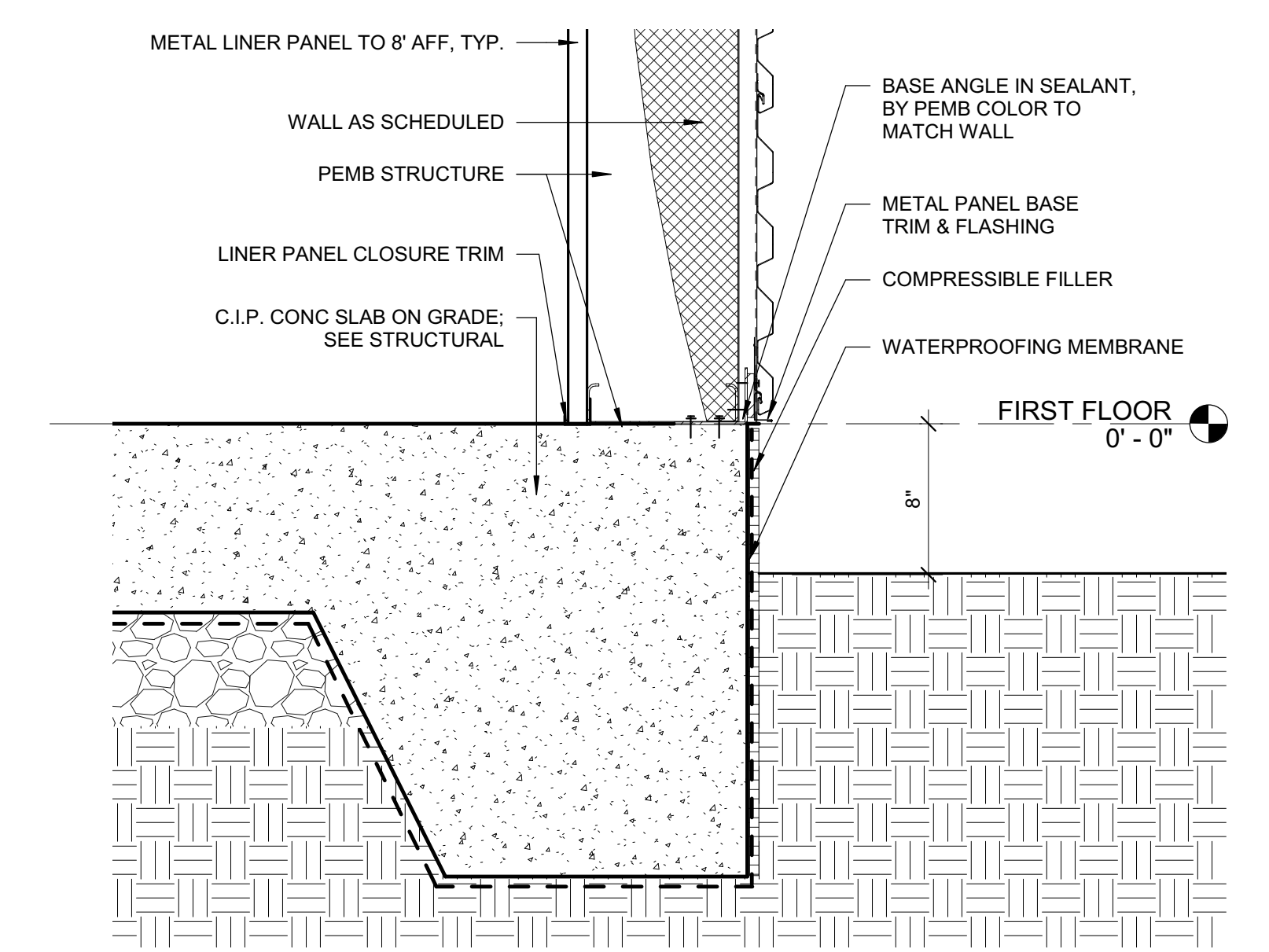
**C8** OVERHEAD DOOR SILL  
1 1/2" = 1'-0"



**A1** LOUVER JAMB  
1 1/2" = 1'-0"



**A5** NORTH/SOUTH WALL BASE  
1 1/2" = 1'-0"



**A8** EAST/WEST WALL BASE  
1 1/2" = 1'-0"

DRAWING NO.  
  
 MAILING ADDRESS:  
 P.O. BOX 1007  
 CHARLOTTE, NC 28201

Safety Expectations:  
  
 Reduce Risk  
 Remove Exposures to Hazards  
 Reinforce Safe Behavior

227 W. Trade St. Suite 700  
 Charlotte, NC 28202

ARCHITECT  
 TYLER KINKAID, CO.  
 2023.05.24

SEAL  
**DUNN OPERATIONS CENTER**  
 1269 Jonesboro Rd  
 Harnett County, NC 28334

**MOBILE SUB. STORAGE**

MARK	DATE	DRN BY	REVISION
1			ISSUED FOR CONSTRUCTION
2			
3			
4			
5			
6			
7			
8			
9			

PROJECT NO: 9101-223870  
 DRAWING NUMBER  
 ELECTRONIC FILE NAME:  
 DRAWN BY: TKC  
 CHK'D BY: RA DATE: 2023.05.24  
 E-MAIL: tylercole@ls3p.com

THIS DESIGN DRAWING IS THE EXCLUSIVE PROPERTY OF DUKE ENERGY CORPORATION AND IS UNREGISTERED AND UNPATENTED. IT SHALL NOT BE MODIFIED, COPIED, OR DISTRIBUTED WITHOUT PRIOR APPROVAL. THIS INFORMATION SHOULD ONLY BE USED FOR THE SPECIFIC PROJECT INTENDED.  
 SHEET TITLE:  
**SECTION DETAILS**

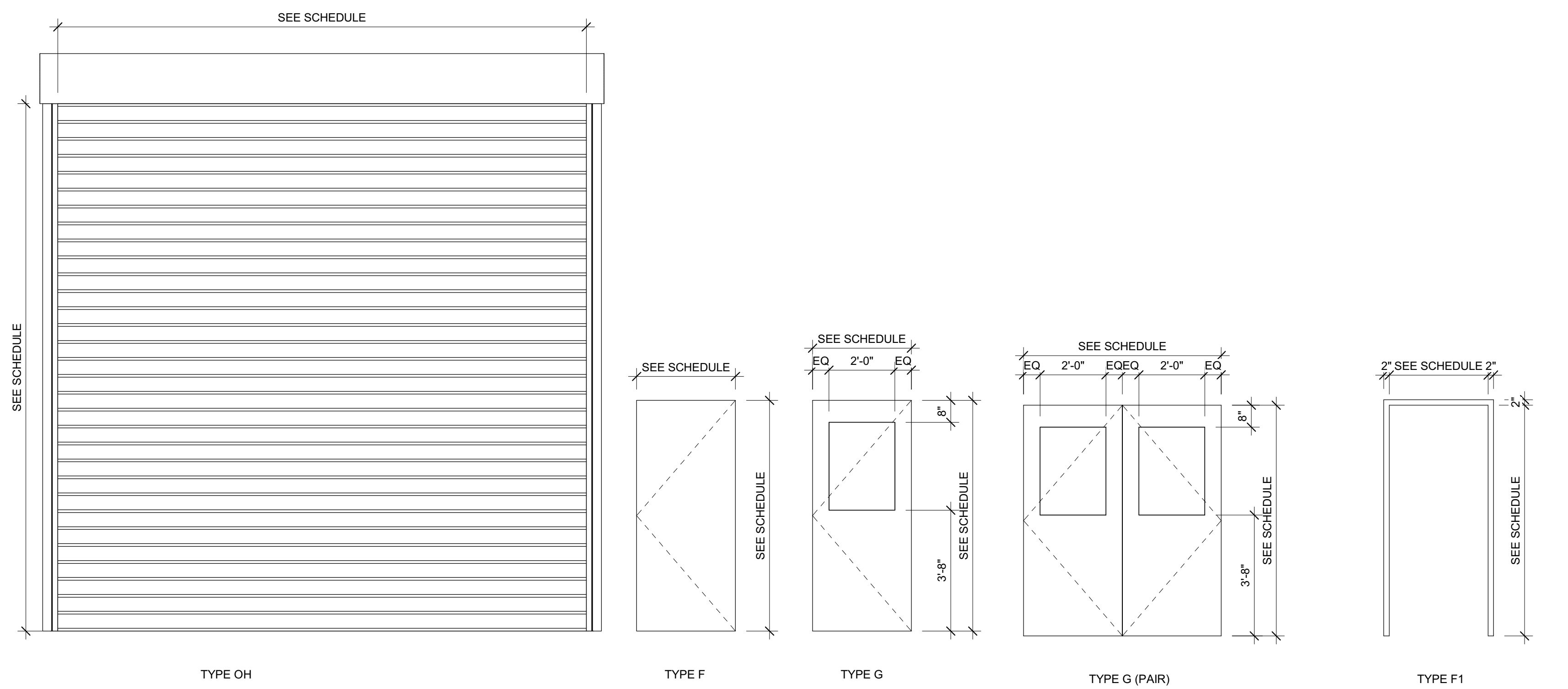
SHEET NO.  
**A-511**

ISSUED FOR CONSTRUCTION

DOOR AND FRAME SCHEDULE														
DOOR NUMBER	TO ROOM: NAME	DOOR			DOOR		DOOR HDWR	FRAME			REMARKS			
		MATL	TYPE	FINISH	WIDTH	HEIGHT		MATL	TYPE	FINISH		HEAD	JAMB	SILL
FIRST FLOOR														
0101-A	SERVICE BAYS	HM	G	PNT	3'-0"	8'-0"	2	HM	F1	PNT			A6	
0101-B	SERVICE BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				
0101-C	SERVICE BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				
0101-D	SERVICE BAYS	HM	G	PNT	3'-0"	8'-0"	2	HM	F1	PNT			A6	
0101-E	SERVICE BAYS	HM	G	PNT	3'-0"	8'-0"	2	HM	F1	PNT			A6	
0101-F	SERVICE BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				
0101-G	SERVICE BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				
0101-H	SERVICE BAYS	HM	G	PNT	3'-0"	8'-0"	2	HM	F1	PNT			A6	
0102-A	SERVICE BAYS	HM	F	PNT	3'-0"	8'-0"	4	HM	F1	PNT	B6	B8	A8	
0104-A	STORAGE	HM	F	PNT	3'-0"	8'-0"	1	HM	F1	PNT	B6	B8		
0105-A	SERVICE BAYS	HM	F	PNT	3'-0"	8'-0"	3	HM	F1	PNT	B6	B8		
0106-A	SERVICE BAYS	HM	G	PNT	3'-0"	8'-0"	3	HM	F1	PNT	B6	B8		
0106-B	TOOL ROOM	HM	G	PNT	3'-0"	8'-0"	3	HM	F1	PNT	B6	B8		
0110-A	TRUCK BAYS	HM	BB	PNT	6'-0"	8'-0"	1	HM	F1	PNT	B6	B8		
0110-AA	TRUCK BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				
0110-B	TRUCK BAYS	HM	G	PNT	3'-0"	8'-0"	2	HM	F1	PNT			A6	
0110-BB	TRUCK BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				
0110-C	TRUCK BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				
0110-CC	TRUCK BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				
0110-D	TRUCK BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				
0110-DD	TRUCK BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				
0110-E	TRUCK BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				
0110-EE	TRUCK BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				
0110-F	TRUCK BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				
0110-FF	TRUCK BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				
0110-G	TRUCK BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				
0110-GG	TRUCK BAYS	HM	G	PNT	3'-0"	8'-0"	2	HM	F1	PNT			A6	
0110-H	TRUCK BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				
0110-I	TRUCK BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				
0110-J	TRUCK BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				
0110-K	TRUCK BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				
0110-L	TRUCK BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				
0110-M	TRUCK BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				
0110-N	TRUCK BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				
0110-O	TRUCK BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				
0110-P	TRUCK BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				
0110-Q	TRUCK BAYS	HM	G	PNT	3'-0"	8'-0"	2	HM	F1	PNT			A6	
0110-R	TRUCK BAYS	HM	G	PNT	3'-0"	8'-0"	2	HM	F1	PNT			A6	
0110-S	TRUCK BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				
0110-T	TRUCK BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				
0110-U	TRUCK BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				
0110-V	TRUCK BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				
0110-W	TRUCK BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				
0110-X	TRUCK BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				
0110-Y	TRUCK BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				
0110-Z	TRUCK BAYS	MANF	OH	PNT	16'-0"	16'-0"	(none)	MANF	MANF	PNT				

DOOR HARDWARE SET LIST						
SET	HARDWARE TYPE	LOCKSET	HINGES	CLOSER	FRAME SILENCER	KICKPLATE
1	Passage	A-Series	1 1/2 pr - BB 5 knuckle	No	Yes	No
2	Entry	Series 24 - Exit device	3 pr - BB 5 knuckle	Yes	Yes	No
3	Storage	Lockset ANSI F86	1 1/2 pr - BB 5 knuckle	No	Yes	No
4	Privacy	Lockset with Occupancy Sensor	1 1/2 pr - BB 5 knuckle	Yes	Yes	Yes

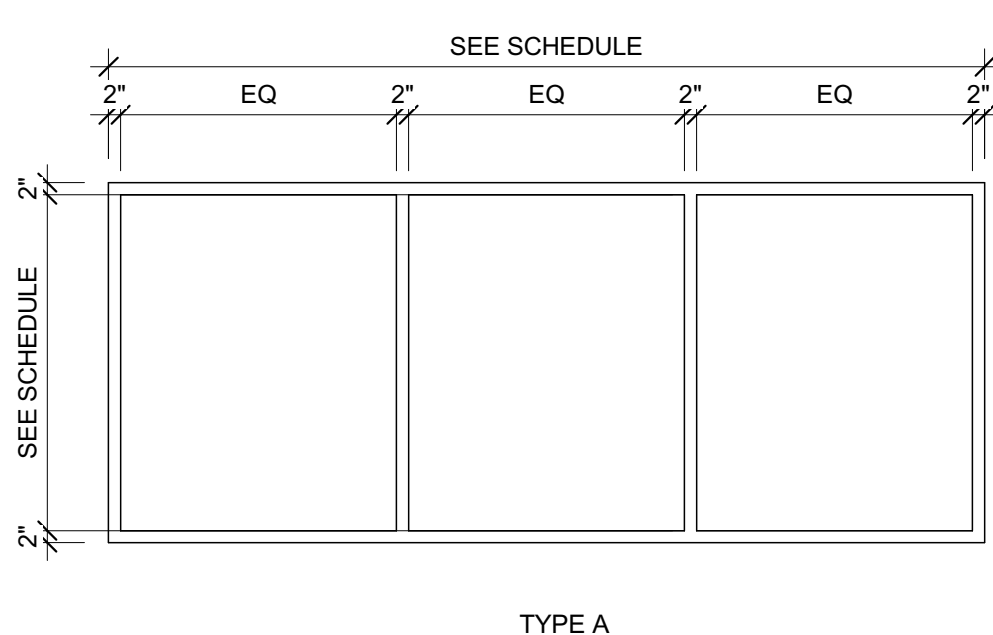
GENERAL NOTES:  
 \* ALL LOCKSETS TO COMPLY WITH 1010.1.9.5 UNLATCHING OPERATIONS  
 \* ALL HOLLOW METAL DOOR FRAMES TO BE WELDED



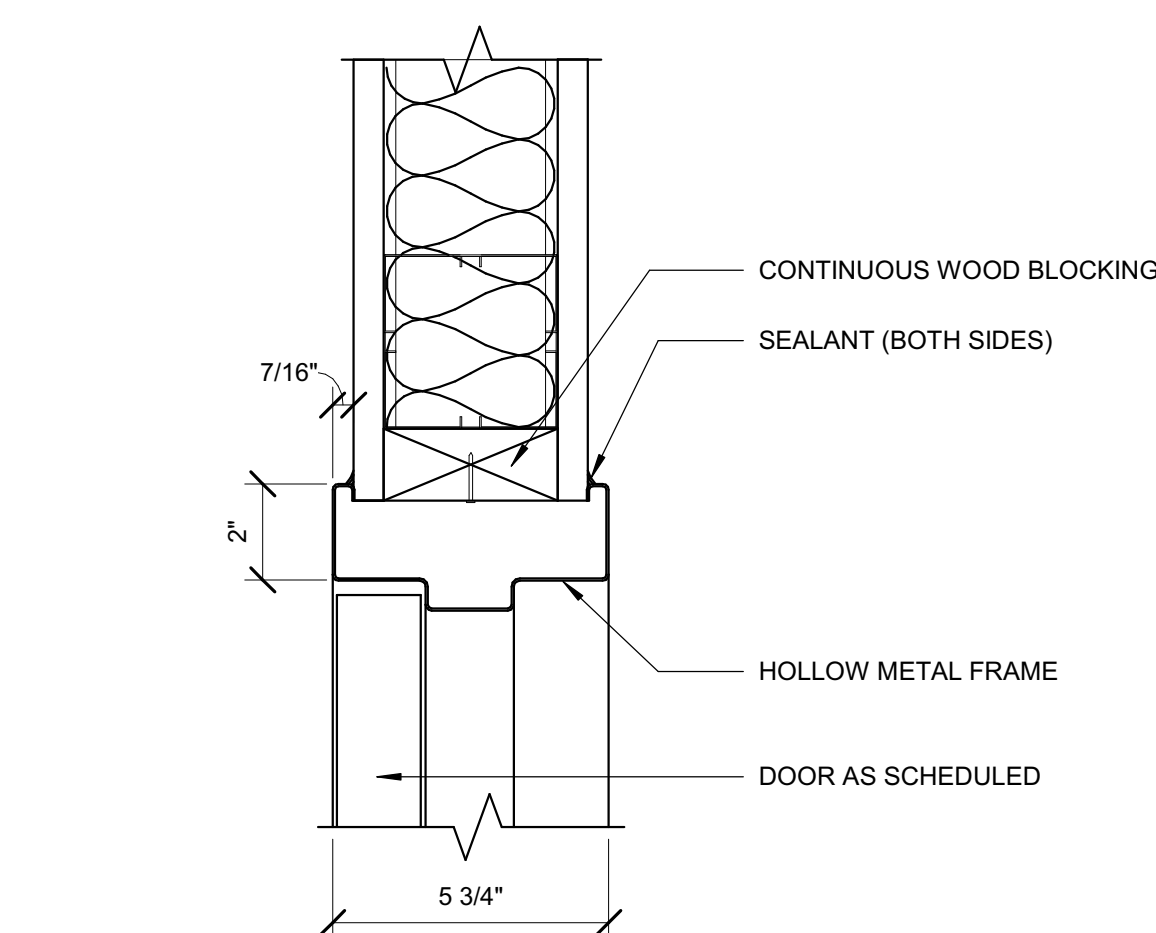
**DOOR TYPE LEGEND**  
 3/8" = 1'-0"

**FRAME TYPE LEGEND**  
 3/8" = 1'-0"

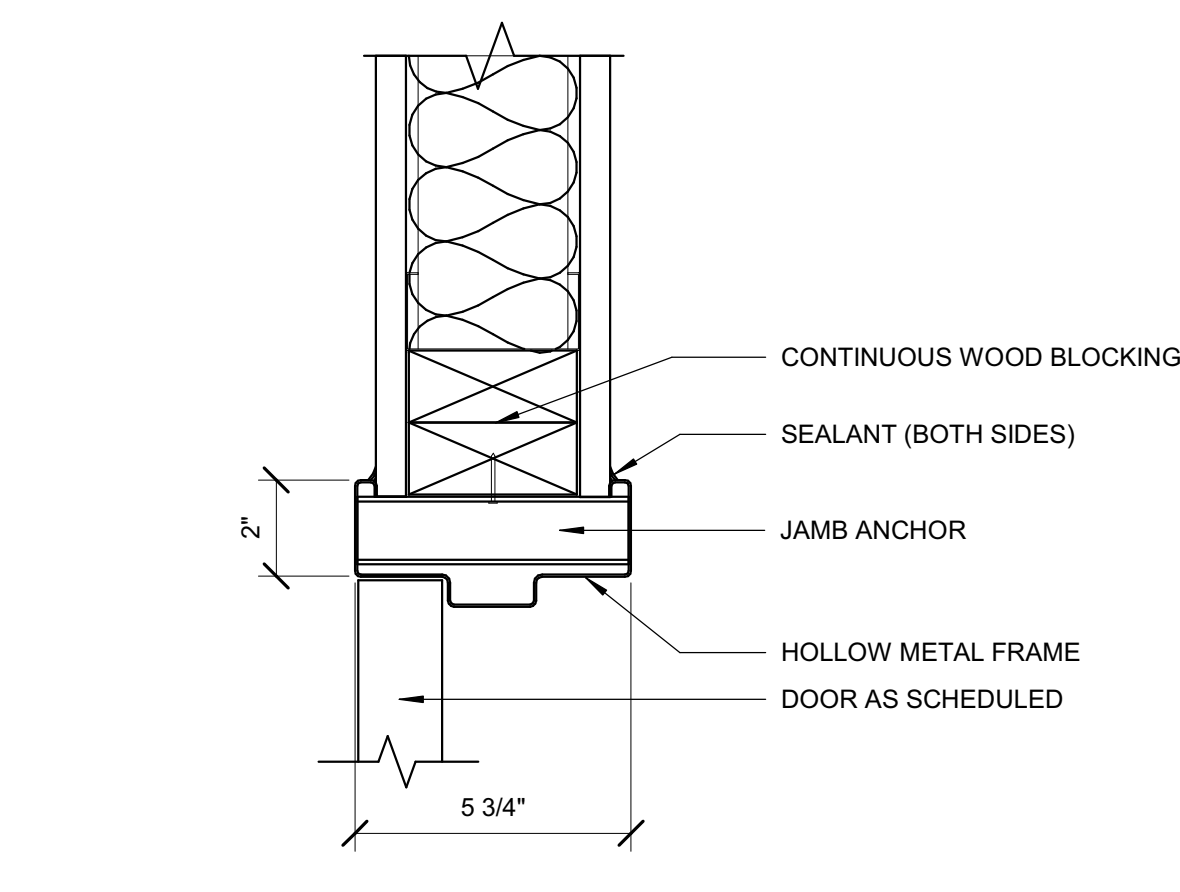
WINDOW SCHEDULE							
MARK	ROUGH OPENING		FINISH	GLAZING		HEAD HEIGHT	NOTES
	WIDTH	HEIGHT		THICKNESS	TYPE		



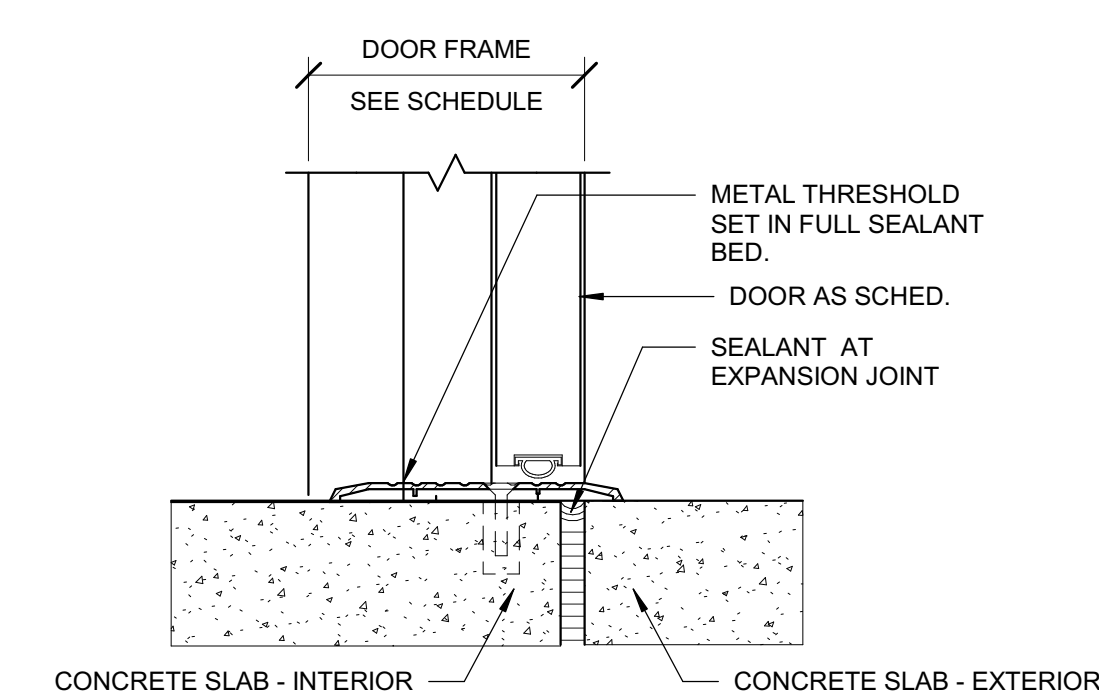
**WINDOW TYPES LEGEND**  
 3/8" = 1'-0"



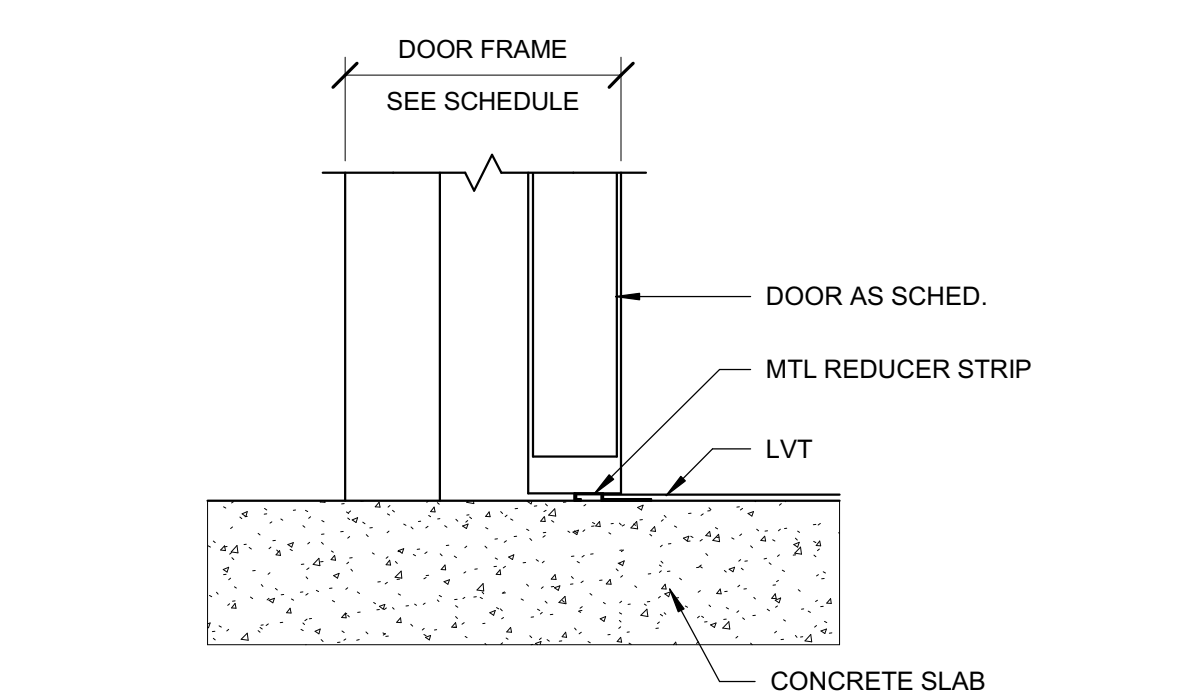
**B6** HEAD\_HM IN GYP BD  
 3/8" = 1'-0"



**B8** JAMB\_HM IN GYP BD  
 3/8" = 1'-0"

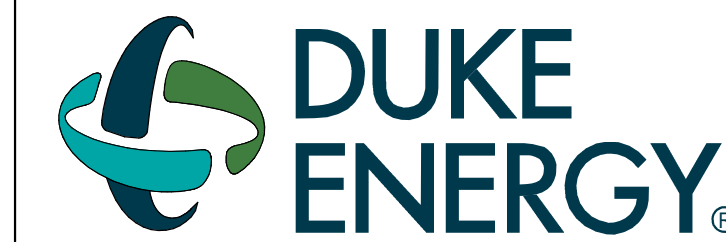


**A6** SILL\_CONC TO EXTERIOR  
 3/8" = 1'-0"



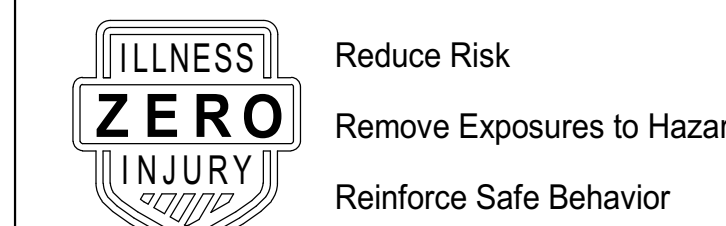
**A8** SILL\_CONC TO LVT  
 3/8" = 1'-0"

DRAWING NO. CFD-####-A-6001-41CC2B

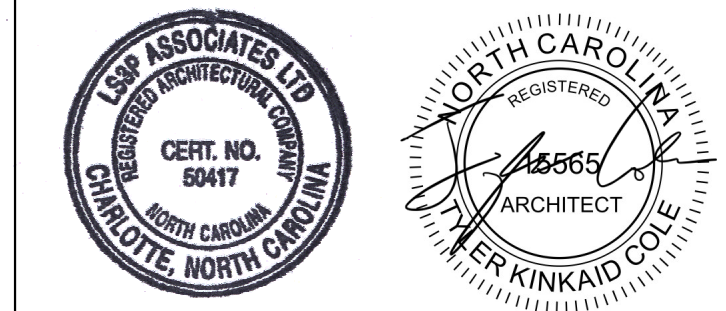


MAILING ADDRESS:  
 P.O. BOX 1007  
 CHARLOTTE, NC 28201

Safety Expectations:



227 W. Trade St. Suite 700  
 Charlotte, NC 28202



**DUNN OPERATIONS CENTER**

1269 Jonesboro Rd  
 Harnett County, NC 28334

**MOBILE SUB-STORAGE**

MARK	DATE	REVISION	DRN BY	DATE	REVISION
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

PROJECT NO: 9101-223870

DRAWING NUMBER

CFD-####-A-6001-41CC2B

ELECTRONIC FILE NAME:

DRAWN BY: TKC

CHKD BY: RA DATE: 2023.05.24

E-MAIL: tylercole@ls3p.com

THIS DESIGN DRAWING IS THE EXCLUSIVE PROPERTY OF DUKE ENERGY CORPORATION AND IS RESERVED FOR THE EXCLUSIVE USE OF THE PROJECT. IT SHALL NOT BE REPRODUCED, COPIED, OR DISTRIBUTED WITHOUT PRIOR APPROVAL. SUCH REPRODUCTION SHOULD ONLY BE USED FOR THE PROJECT INTENDED.

**DOOR, WINDOW, HARDWARE - SCHEDULE & LEGEND**  
**A-601**

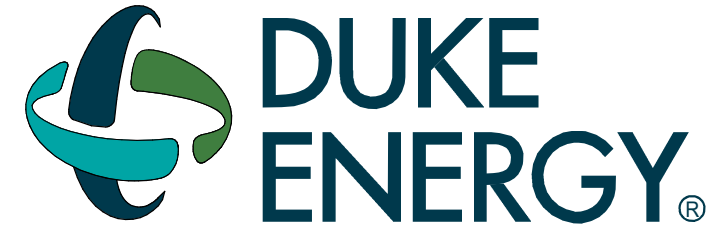
ISSUED FOR CONSTRUCTION

BIM 360/101-223870 Duke Energy Dunn - Mobile Substation Building/ARCH\_L Duke Energy - Dunn Mobile Substation 5/23/23 10:18:35 AM

ROOM FINISH SCHEDULE										
ROOM NUMBER	ROOM NAME	FLOOR	BASE	CEILING	WALLS				REMARKS	
					NORTH	EAST	SOUTH	WEST		
FIRST FLOOR										
0101	SERVICE BAYS	SC-1	-	-	-	-	-	-	PNT-1	
0102	TOILET	SC-1	RBC-1	ACT-1	PNT-1	PNT-1	PNT-1	CTW-1		
0103	TOILET	SC-1	RBC-1	ACT-1	PNT-1	PNT-1	PNT-1	CTW-1		
0104	OFFICE	LVT-1	RBC-1	ACT-1	PNT-1	PNT-1	PNT-1	PNT-2		
0105	TELECOM	CS-1	RBC-1	ACT-1	PNT-1	PNT-1	PNT-1	PNT-1		
0106	TOOL ROOM	SC-1	-	-	PNT-1	PNT-1	PNT-1	PNT-1		
0110	TRUCK BAYS	SC-1	-	-	-	PNT-1	-	-		

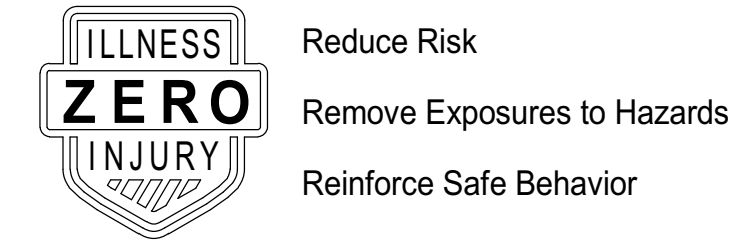
ROOM FINISH LEGEND						
CODE	DESCRIPTION	MANUFACTURER	PATTERN NAME	COLOR NAME	SIZE	COMMENTS
DIVISION 8 DOORS AND WINDOWS						
DHW-1	DOOR HARDWARE FINISH			BLACK		MATCH BUILDING STANDARD
DIVISION 9 FINISHES - CEILINGS						
ACT-1	ACOUSTICAL CEILING TILE	ARMSTRONG	CALLA BEVELED TEGULAR	WHITE	2x2'	
DIVISION 9 FINISHES - FLOORS						
LVT-1	RESILIENT LVT	MILLIKEN	TANGIBLE	DAWN TAN6	18"x36"	TYP., STAGGERED INSTALLATION
SC-1	SEALED CONCRETE			CLEAR		TYP. AT BACK OF HOUSE SPACES, SEE FINISH PLAN
DIVISION 9 FINISHES - WALL BASE						
RBC-1	RUBBER BASE, COVE	JOHNSONITE		21 PLATINUM	4" COVE	TYP. AT ALL WALLS
DIVISION 9 FINISHES - WALLS						
CTG-2	GROUT FOR CTW-1, CTW-2, CTW-3 WALL TILE	LACTICRETE		89 SMOKE GREY		SEALED
CTW-1	CERAMIC TILE, WALL	FLORIDA TILE	STREAMLINE	ARCTIC WHITE	4"x16"	STACKED BOND, FULL HEIGHT INSTALLATION AT WET WALLS
CTW-SCH	CERAMIC WALL TILE EDGE TRIM	SCHLUTER		STAINLESS		SCHLUTER STRIP AT ALL EXPOSED EDGES OF CERAMIC WALL TILE
PNT-1	PAINT	SHERWIN-WILLIAMS		CEILING BRIGHT WHITE SW7007		TYP. WALL COLOR, FINISH EGG SHELL
PNT-2	PAINT	SHERWIN-WILLIAMS		LAKESHORE SW6494		WALL ACCENT, FINISH EGG SHELL
DIVISION 10 SPECIALTIES						
CRG-1	CORNERGUARD	ACROVYN	VA-200N	MATCH WALL COLOR		1-1/2" LEGS, 8' H

DRAWING NO.  
CFD-####-A-6002-41CC2B

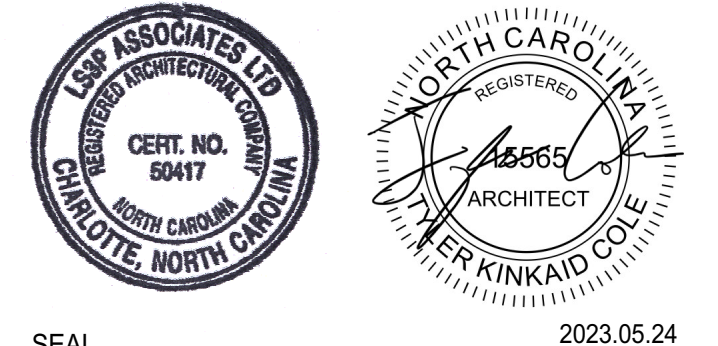


MAILING ADDRESS:  
P.O. BOX 1007  
CHARLOTTE, NC 28201

Safety Expectations:



227 W. Trade St. Suite 700  
Charlotte, NC 28202



SEAL 2023.05.24

DUNN OPERATIONS CENTER

1269 Jonesboro Rd  
Harnett County, NC 28334

MOBILE SUB. STORAGE

MARK	DATE	DRN BY	REVISION
1	05.24.23		ISSUED FOR CONSTRUCTION

PROJECT NO: 9101-223870  
DRAWING NUMBER

CFD-####-A-6002-41CC2B

ELECTRONIC FILE NAME:

DRAWN BY: TKC

CHK'D BY: RA DATE: 2023.05.24

E-MAIL: tylercole@ls3p.com

THIS DESIGN DRAWING IS THE EXCLUSIVE PROPERTY OF DUKE ENERGY CORPORATION AND IS PROVIDED CONFIDENTIAL. IT SHALL NOT BE MODIFIED, COPIED, OR DISTRIBUTED WITHOUT PRIOR APPROVAL. SUCH INFORMATION SHOULD ONLY BE USED FOR THE SPECIFIC PROJECT INTENDED.

SHEET TITLE:  
**FINISH LEGEND AND SCHEDULE**

SHEET NO.

**A-701**

ISSUED FOR CONSTRUCTION

BIM 360/19101-223870 Duke Energy Dunn - Mobile Substation Storage Building/ARCH/Duke Energy - Dunn Mobile Substation