

SITE NAME: LEES SUMMIT

LEES SUMMIT ROAD
LEES SUMMIT, MO 64081
JACKSON COUNTY

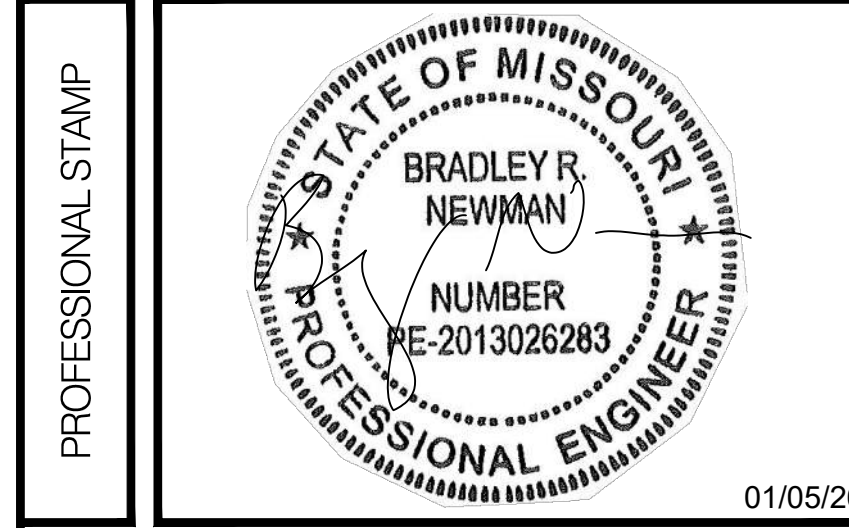
NOTE:
ORIGINAL BUILDING MANUFACTURED BY FIBREBOND WEST, INC.
DRAWING # D-5208, DATED: 06/13/2000.

NOTE:
SHELTER DRAWINGS TO SHOW MINIMUM FROST PROTECTION
DEPTH OF 36". (MEASURED TO GRADE, NOT TOP OF SLAB)



LEES SUMMIT
NB+C PROJECT #: 101210
LEES SUMMIT ROAD
LEES SUMMIT, MO 64081
JACKSON COUNTY

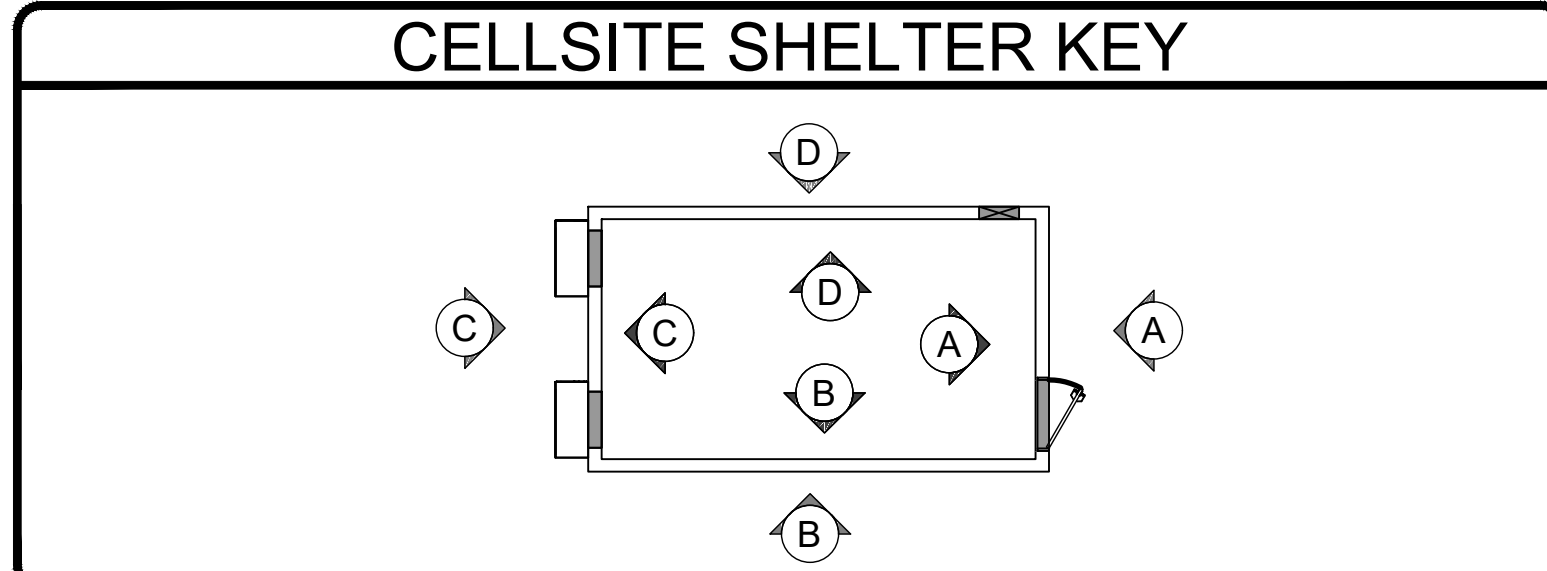
REV	DATE	DESCRIPTION	BY
1	01/05/26	COMMENTS	CCC
0	11/04/25	FINAL CDS	GS
B	10/28/25	COMMENTS	CCC
A	10/24/25	PRELIMINARY CDS	GS



BRAD R. NEWMAN, P.E.
STATE OF MISSOURI
PROFESSIONAL ENGINEER
LICENSE #2013026283

TITLE SHEET

T-1



WIND DESIGN	
WIND SPEED:	109 MPH
GUST DURATION:	3 SECONDS
EXPOSURE:	C
GCpi:	±0.18 (PER ASCE 7)

EXTERIOR DIMENSIONS	
LENGTH:	20'-0"
WIDTH:	11'-6"
HEIGHT:	10'-0"

INTERIOR DIMENSIONS	
INTERIOR LENGTH:	18'-10"
INTERIOR WIDTH:	10'-5"
INTERIOR HEIGHT:	8'-11.5"

PROJECT TEAM	
APPLICANT:	UTILITY ENGINEERING UTILITY POWER, LLC 702 OBERLIN RD, SUITE 230 RALEIGH NC 27605
PROJECT MANAGEMENT FIRM:	CELLSITE SOLUTIONS ANDREW GALLAGHER 4150 C STREET SW, CEDAR RAPIDS, IA 52404 (319) 210-2974
ENGINEERING FIRM:	NB+C ENGINEERING SERVICES, LLC. 6095 MARSHALLEE DRIVE, SUITE 300 ELKRIDGE, MD 21075 KKOLANDAIVELU@NBCLLC.COM (804) 548-4079

CODE COMPLIANCE	
ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE LATEST EDITIONS OF THE FOLLOWING CODES.	
<ul style="list-style-type: none"> 2021 INTERNATIONAL BUILDING CODE 2021 INTERNATIONAL MECHANICAL CODE 2021 INTERNATIONAL ENERGY CONSERVATION CODE 2021 INTERNATIONAL FIRE CODE 2023 NATIONAL ELECTRICAL CODE 2015 NFPA 101 LIFE SAFETY CODE 	<ul style="list-style-type: none"> ASCE 7-16 ANSI/TIA-222-H

NOTES	
1.	LISTED CODES INCLUDES LATEST STATE ADOPTED AMENDMENTS AND APPENDICES.
2.	THIS SHELTER IS AN "ENCLOSED STRUCTURE" NOT INTENDED FOR HUMAN HABITATION.
3.	OCCUPANT LOAD = 0. THIS BUILDING SHALL BE OCCUPIED FOR SERVICING EQUIPMENT AND MAINTENANCE ONLY.
4.	SPECIAL CONDITIONS AND PERMISSIBLE TYPES OF GASSES; N/A
5.	STATE INSIGNIA LABEL/DECAL IS LOCATED NEAR MAIN ELECTRICAL SERVICE PANEL.
6.	DOOR MUST BE MINIMUM 90 MINUTE FIRE RATED, IF USED IN 2 HOUR FIRE RATED SHELTER AND MINIMUM 45 MINUTE FIRE RATED IF USING 1 HOUR FIRE RATED SHELTER.
7.	HVAC UNITS ARE SIZED TO ALLOW FOR MAX FUTURE EQUIPMENT CAPACITY AND HEAT LOADS WITHIN SHELTER WITH REDUNDANCY IN MIND. THEY ARE TO BE CONTROLLED TO STAGE UNITS BASED ON CURRENT LOAD.
8.	EXTERNAL GROUNDING BY OTHERS.
9.	SHELTER CONSTRUCTED IN ACCORDANCE WITH 61G20- 3.006.
10.	THIS BUILDING DOES NOT CONTAIN PLUMBING FACILITIES, PLUMBING FACILITIES SHALL BE PROVIDED ON SITE SUBJECT TO THE LOCAL AUTHORITY HAVING JURISDICTION.

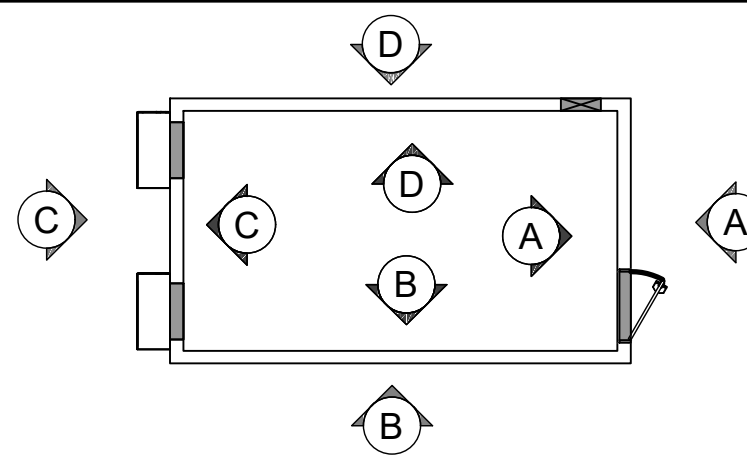
DRAWING INDEX	
T-1	TITLE SHEET
C-1	EXTERIOR ELEVATION FACE A
C-2	EXTERIOR ELEVATION FACE B
C-3	EXTERIOR ELEVATION FACE C
C-4	EXTERIOR ELEVATION FACE D
C-5	FLOOR PLAN LAYOUT
C-6	FLOOR PLAN - LIGHTING
C-7	FLOOR PLAN - HVAC
C-8	FLOOR PLAN - CABLE TRAY
C-9	INTERIOR ELEVATION FACE A
C-10	INTERIOR ELEVATION FACE B
C-11	INTERIOR ELEVATION FACE C
C-12	INTERIOR ELEVATION FACE D
S-1	FOUNDATION DETAILS
G-1	FLOOR PLAN - GROUNDING
D-1	LOAD CENTER DETAIL
D-2	AC SURGE SUPPRESSOR DETAIL
D-3	HVAC DETAIL
D-4	INTERIOR LED LIGHT DETAIL
D-5	EXIT - EMERGENCY LIGHT DETAIL

DO NOT SCALE DRAWINGS

THESE DRAWINGS ARE FORMATTED TO BE FULL-SIZE AT 22"X34" & HALF SIZE AT 11"X17". CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE DESIGNER / ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR MATERIAL ORDERS OR BE RESPONSIBLE FOR THE SAME. CONTRACTOR SHALL USE BEST MANAGEMENT PRACTICE TO PREVENT STORM WATER POLLUTION DURING CONSTRUCTION.

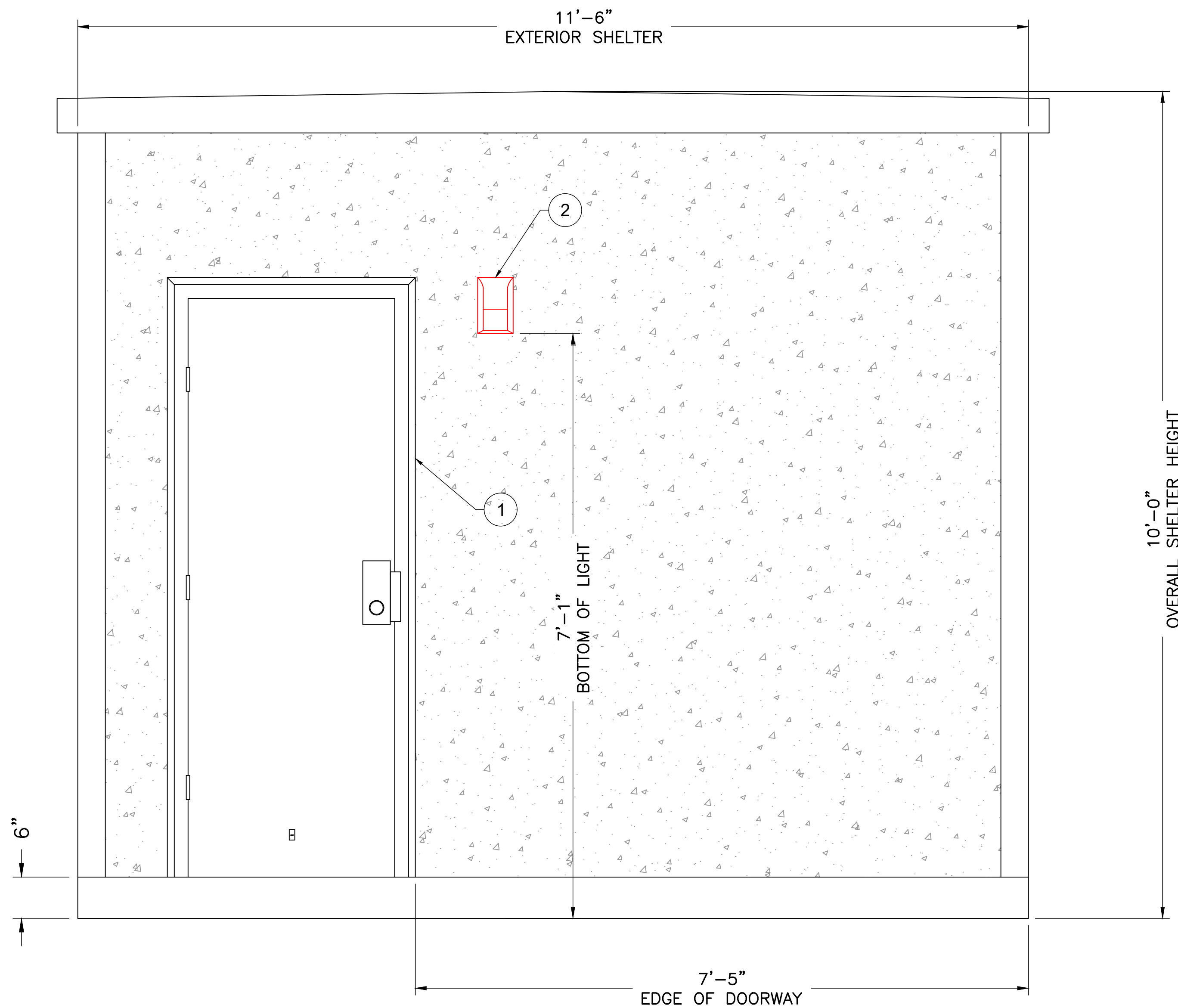
CONTRACTOR NOTE:
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 DESIGN & DIMENSIONS.

CELLSITE SHELTER KEY

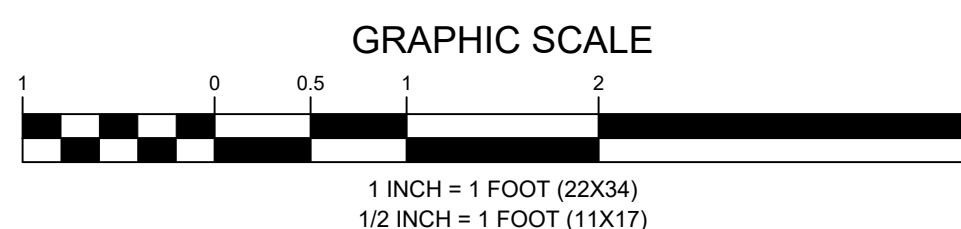


MATERIAL SCHEDULE

SYMBOL	DESCRIPTION	QTY.	MOUNTING	
			LOCATION	HEIGHT
1	DOOR & HARDWARE	1	EXTERIOR FACE A	0'-6" ABOVE FLOOR
2	EXTERIOR LIGHT, 100W INCANDESCENT W/ MOTION DECTECTOR, KENALL 3636	1	EXTERIOR FACE A	7'-1" ABOVE FLOOR



1 EXTERIOR ELEVATION FACE A
 SCALE: 1" = 1' (22X34)
 SCALE: 1/2" = 1' (11X17)



APPLICANT



ENGINEER



NB+C ENGINEERING SERVICES, LLC.
 120 EASTSHORE DRIVE, SUITE 300
 GLEN ALLEN, VA 23059
 (804) 548-4079

SITE INFORMATION

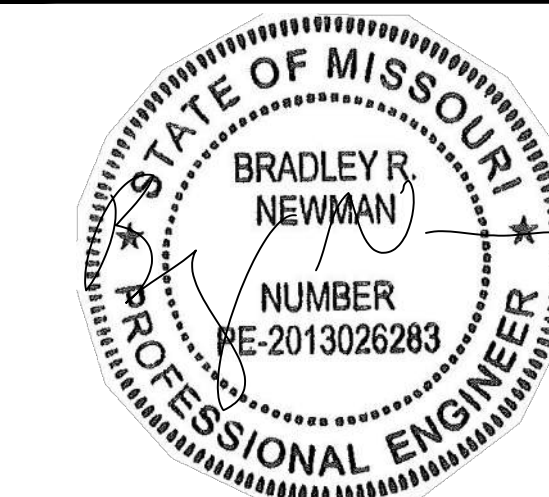
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PROFESSIONAL STAMP



ENGINEER

BRAD R. NEWMAN, P.E.
 STATE OF MISSOURI
 PROFESSIONAL ENGINEER
 LICENSE #2013026283

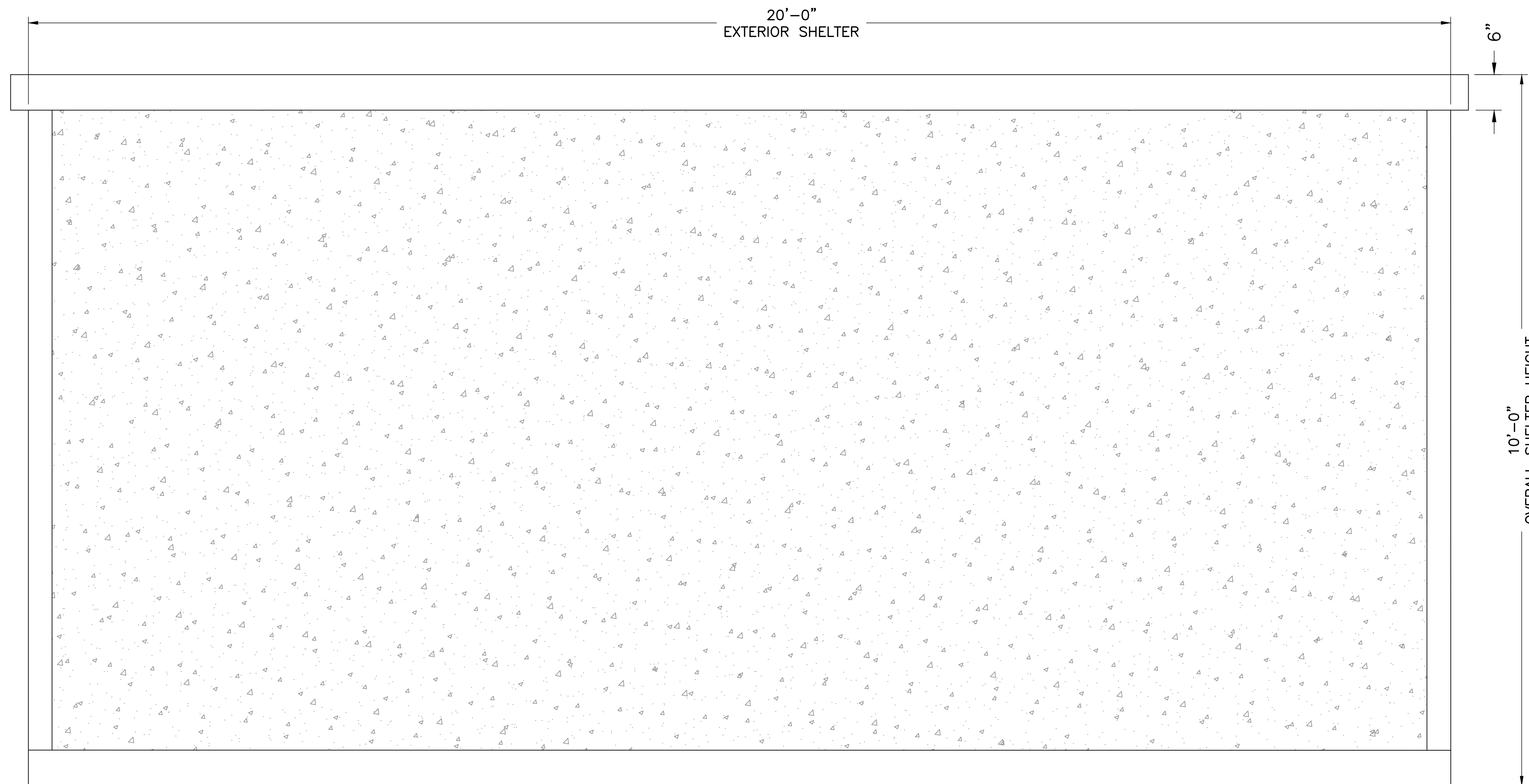
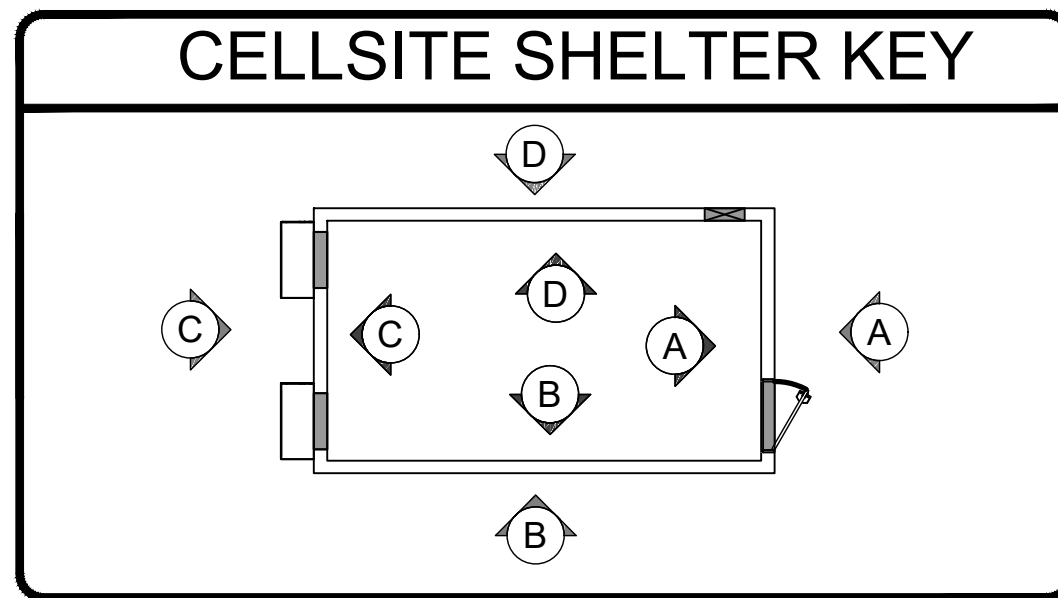
SHEET TITLE

**EXTERIOR
 ELEVATION
 FACE A**

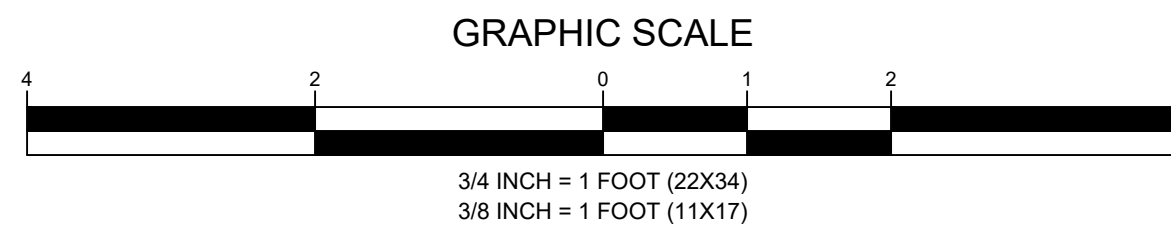
SHEET NUMBER

C-1

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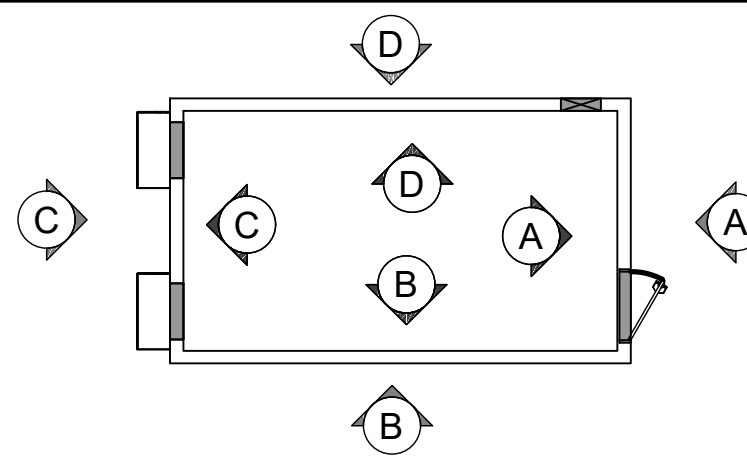
1 EXTERIOR ELEVATION FACE B
 C-2 SCALE: 3/4" = 1' (22X34)
 SCALE: 3/8" = 1' (11X17)



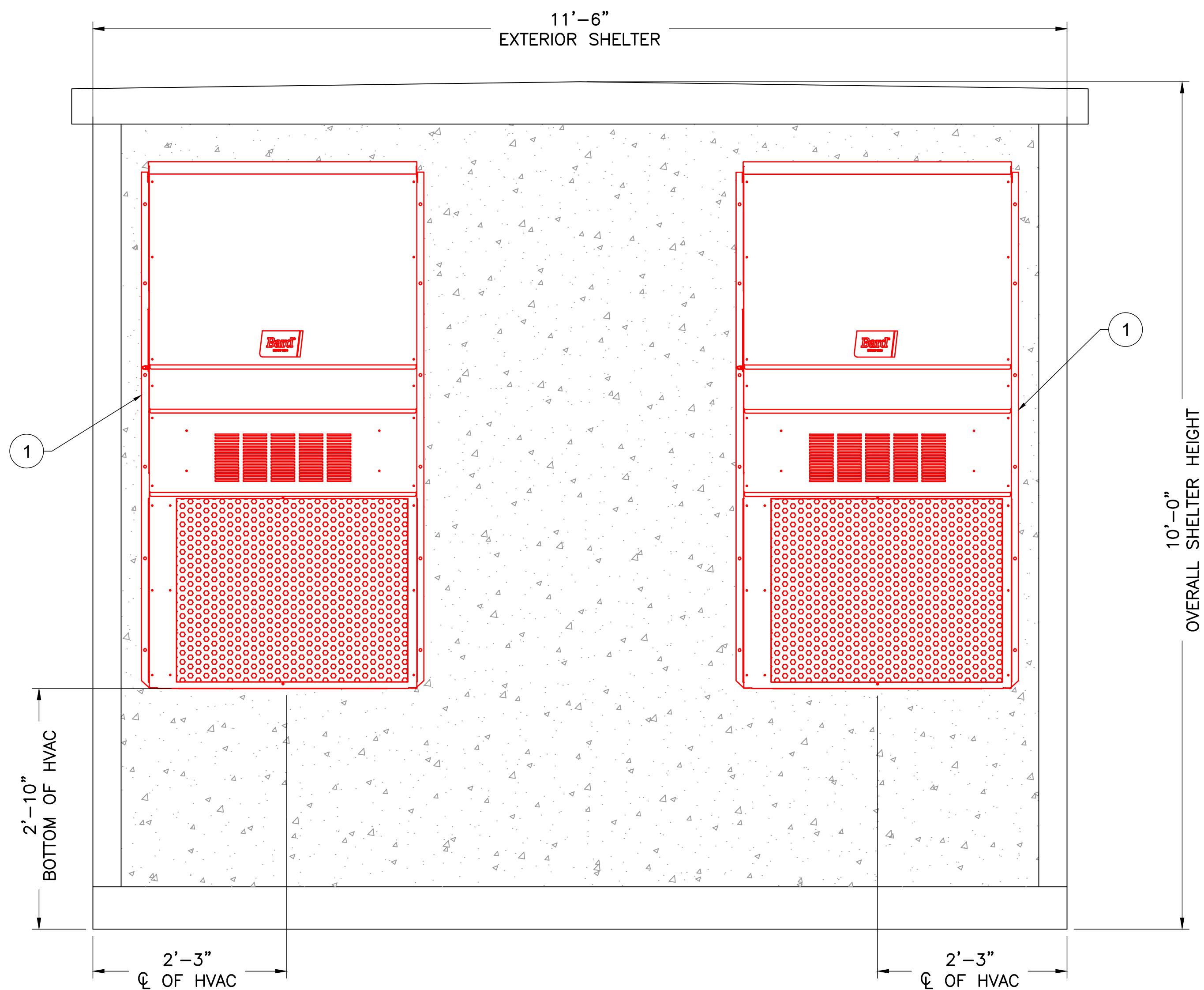
APPLICANT																									
ENGINEER	<p>TOTALLY COMMITTED.</p> <p>NB+C ENGINEERING SERVICES, LLC. 120 EASTSHORE DRIVE, SUITE 300 GLEN ALLEN, VA 23059 (804) 548-4079</p>																								
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ENGINEER	<p>BRAD R. NEWMAN, P.E. STATE OF MISSOURI PROFESSIONAL ENGINEER LICENSE #2013026283</p>																								
SHEET TITLE	<p>EXTERIOR ELEVATION FACE B</p>																								
SHEET NUMBER	<p>C-2</p>																								

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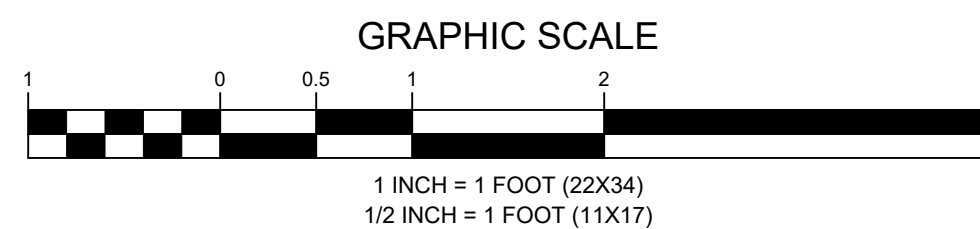
CELLSITE SHELTER KEY



MATERIAL SCHEDULE				
SYMBOL	DESCRIPTION	QTY.	MOUNTING	
			LOCATION	HEIGHT
1	BARD W36 74.56" X 38.20" X 17.13" HVAC	2	EXTERIOR FACE C	2'-10" ABOVE FLOOR



1 EXTERIOR ELEVATION FACE C
 SCALE: 1" = 1' (22X34)
 SCALE: 1/2" = 1' (11X17)



APPLICANT



ENGINEER



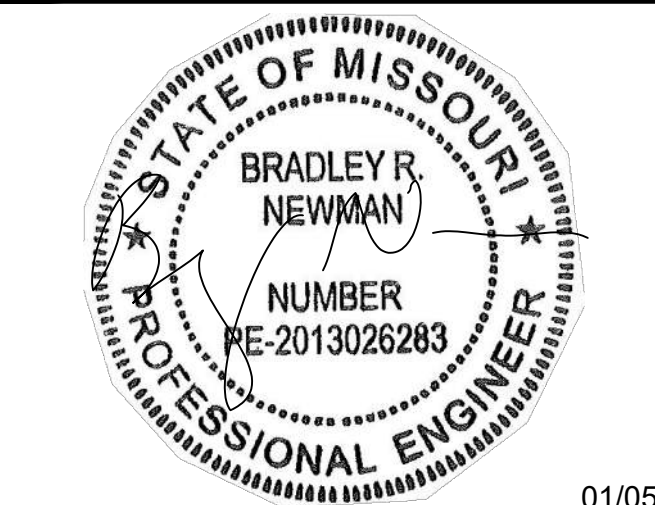
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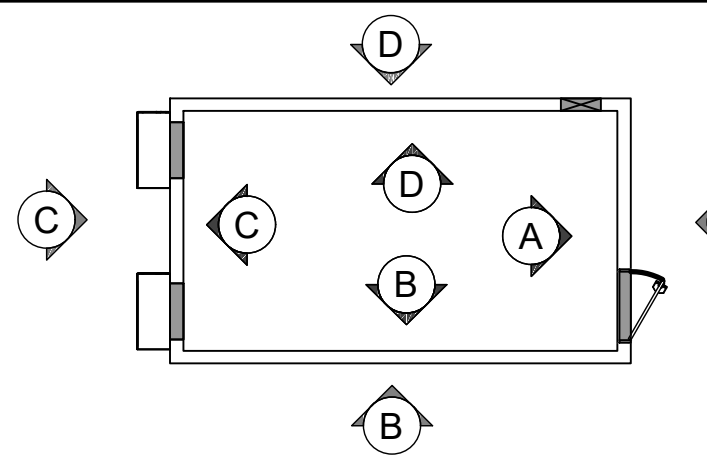
**EXTERIOR
 ELEVATION
 FACE C**

SHEET NUMBER

C-3

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CELLSITE SHELTER KEY



MATERIAL SCHEDULE

SYMBOL	DESCRIPTION	QTY.	MOUNTING	
			LOCATION	HEIGHT
1	12-HOLE 4" COAX ENTRY PLATE	1	EXTERIOR FACE D	8'-7" ϕ ABOVE FLOOR
2	GROUND BAR	1	EXTERIOR FACE D	7'-0" ϕ ABOVE FLOOR
3	BLANK ENTRY PLATE	1	EXTERIOR FACE D	8'-7" ϕ ABOVE FLOOR

APPLICANT



ENGINEER



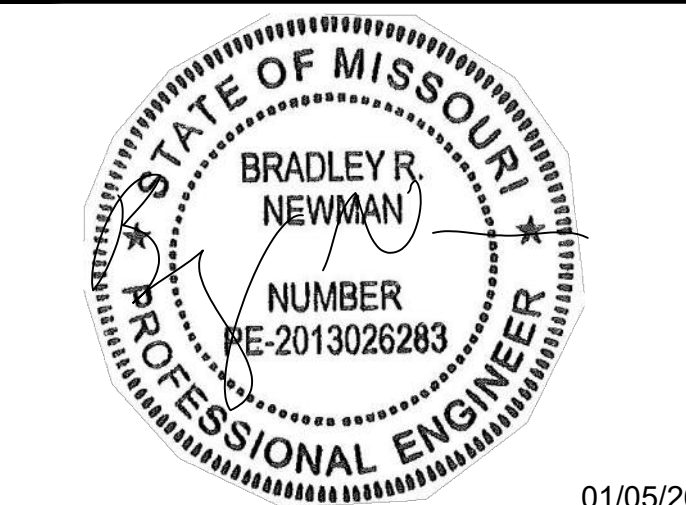
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PROFESSIONAL STAMP



ENGINEER

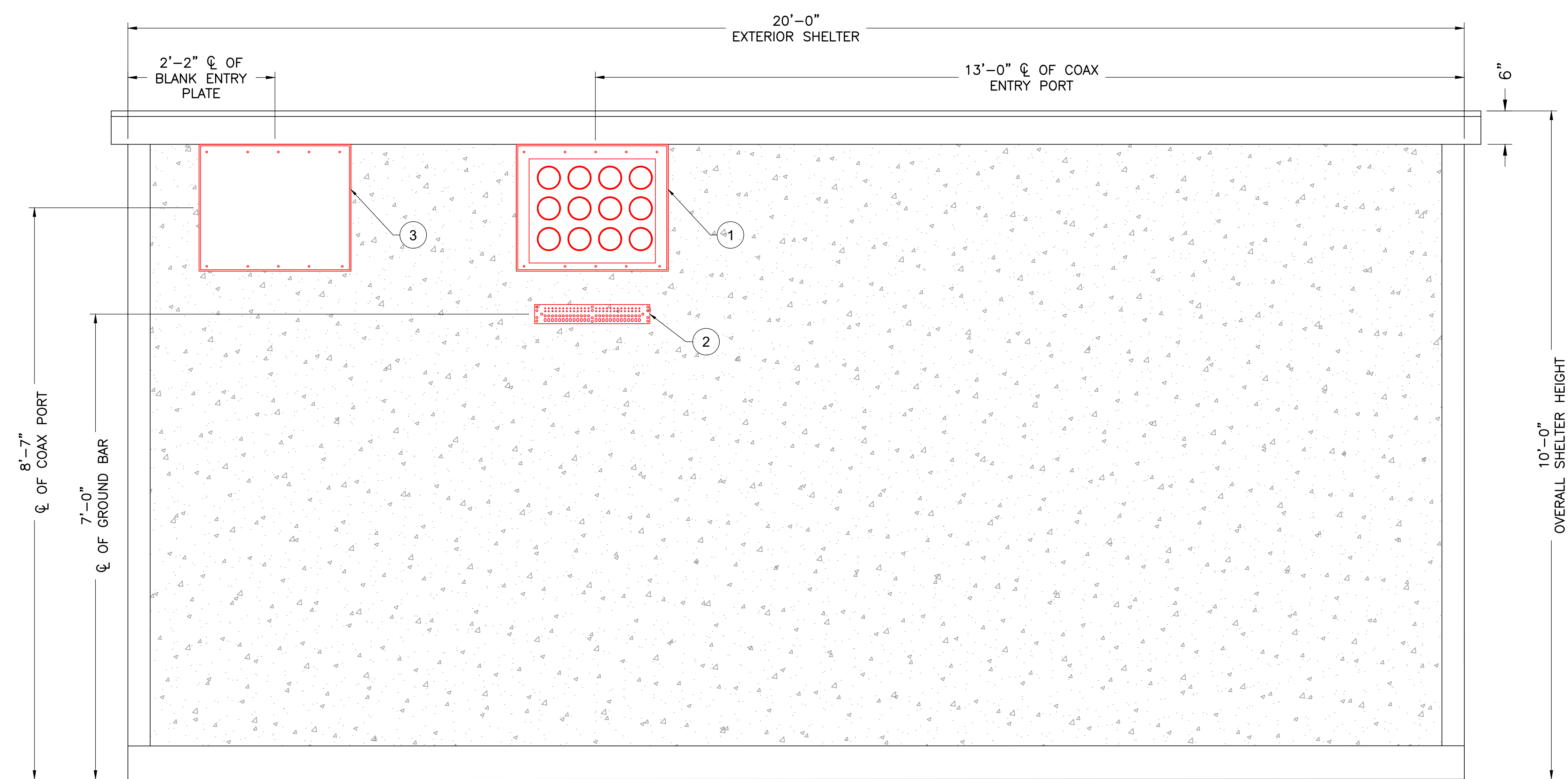
BRADLEY R. NEWMAN, P.E.
 STATE OF MISSOURI
 PROFESSIONAL ENGINEER
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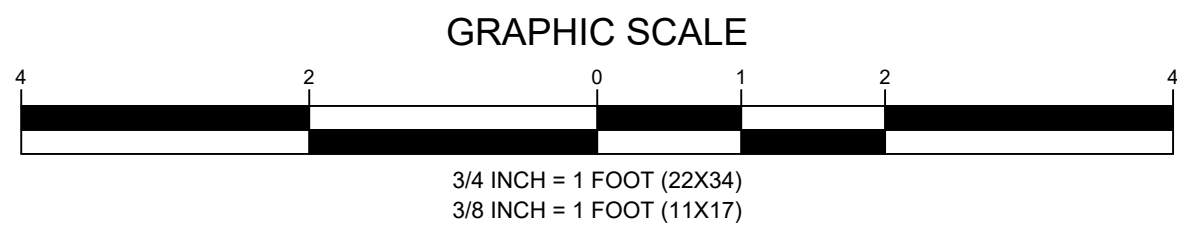
**EXTERIOR
 ELEVATION
 FACE D**

SHEET NUMBER

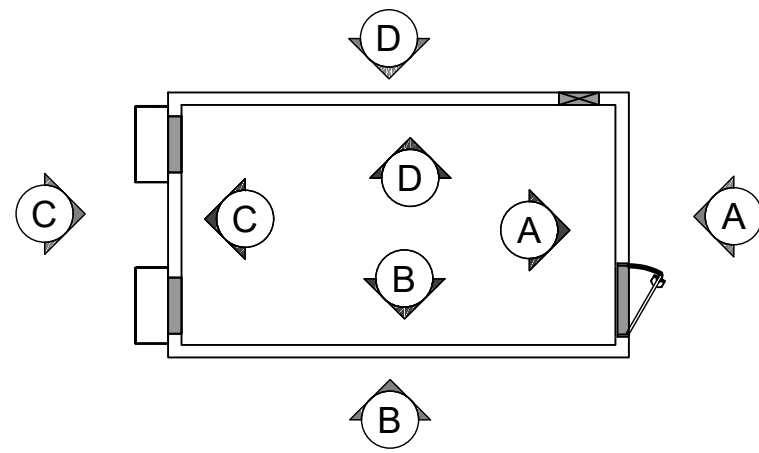
C-4



1 EXTERIOR ELEVATION FACE D
 SCALE: 3/4" = 1' (22X34)
 SCALE: 3/8" = 1' (11X17)



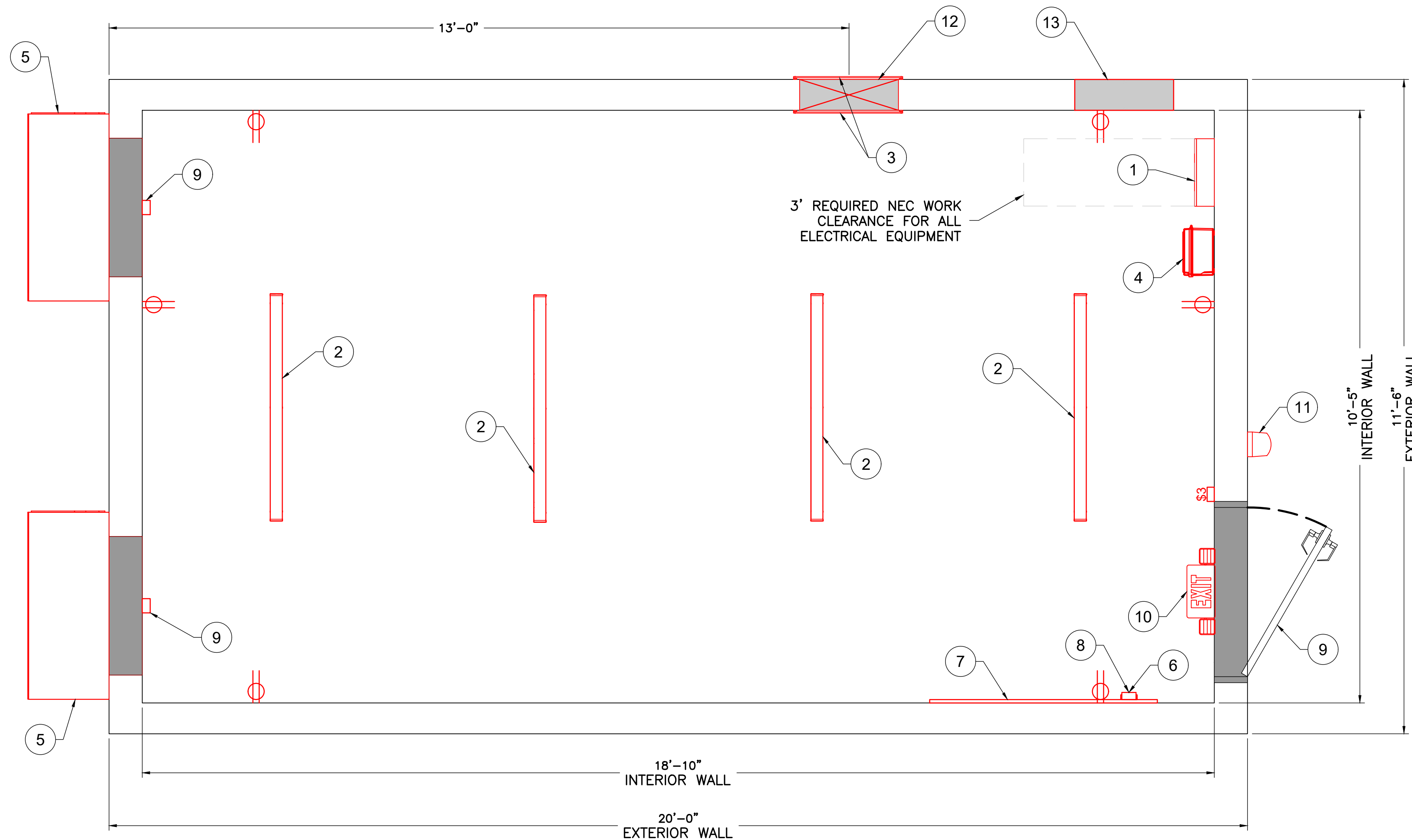
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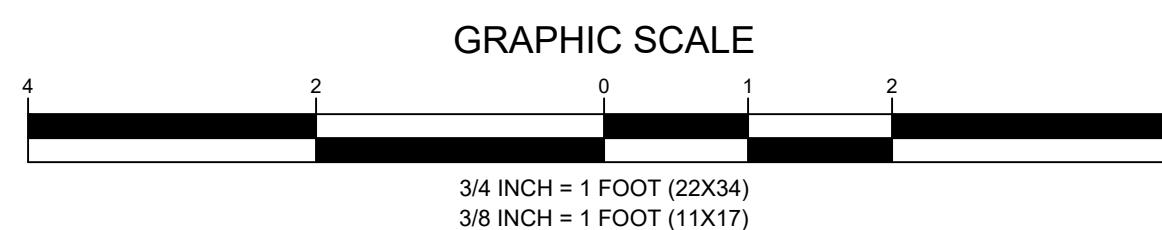
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 NB+C IS NOT RESPONSIBLE FOR SHELTER DESIGN & DIMENSIONS.

MATERIAL SCHEDULE				
SYMBOL	DESCRIPTION	QTY.	MOUNTING	
			LOCATION	HEIGHT
1	200A 42 CKT MAIN BREAKER LOAD CENTER	1	INTERIOR FACE A	2'-10" ABOVE FLOOR
2	4' LED LIGHT FIXTURES	4	CEILING	CEILING
3	GROUND BAR	2	INTERIOR/EXTERIOR FACE D	5'-8" \varnothing ABOVE FLOOR
4	AC SURGE SUPPRESSOR	1	INTERIOR FACE A	1'-8" ABOVE FLOOR
5	BARD W36 74.56" X 38.20" X 17.13" HVAC	2	EXTERIOR FACE C	2'-10" ABOVE FLOOR
6	ALARM BLOCK	1	INTERIOR FACE B	5'-8" ABOVE FLOOR
7	TELCO BOARD	1	INTERIOR FACE B	3'-0" ABOVE FLOOR
8	JUNCTION BOX	7	INTERIOR FACE A, B & C	7'-2" ABOVE FLOOR
9	DOOR & HARDWARE	1	INTERIOR FACE A	0'-6" ABOVE FLOOR

MATERIAL SCHEDULE				
SYMBOL	DESCRIPTION	QTY.	MOUNTING	
			LOCATION	HEIGHT
10	EXIT-EMERGENCY LIGHT	1	INTERIOR FACE A	7'-3" ABOVE FLOOR
11	EXTERIOR LIGHT, 100W INCANDESCENT W/ MOTION DECTECTOR, KENALL 3636	1	EXTERIOR FACE A	7'-1" ABOVE FLOOR
12	12-HOLE 4" COAX ENTRY PLATE	1	EXTERIOR FACE D	8'-7" \varnothing ABOVE FLOOR
13	BLANK ENTRY PLATE	1	EXTERIOR FACE D	8'-7" \varnothing ABOVE FLOOR
\oplus	20A 120V DUPLEX RECEPTACLE	6	INTERIOR FACE A, B, C, & D	1'-6" \varnothing ABOVE FLOOR
$\$3$	20AMP, 120V LIGHT SWITCH	1	INTERIOR FACE A	3'-11" \varnothing ABOVE FLOOR



1 FLOOR PLAN LAYOUT
 SCALE: 3/4" = 1' (22X34)
 SCALE: 3/8" = 1' (11X17)



APPLICANT



ENGINEER



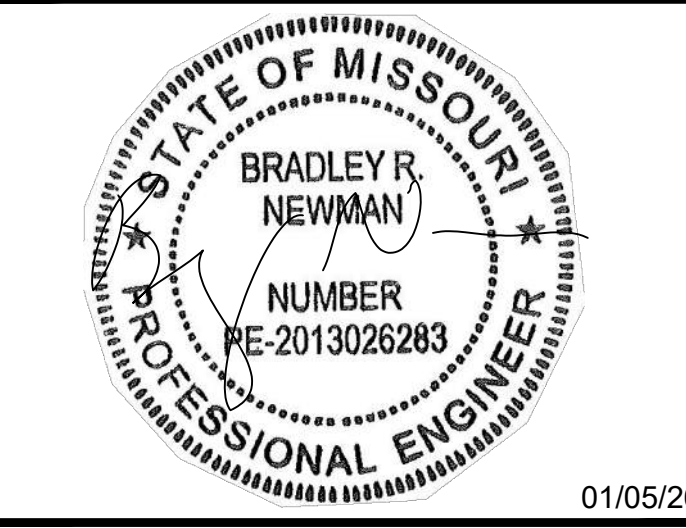
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PROFESSIONAL STAMP



ENGINEER

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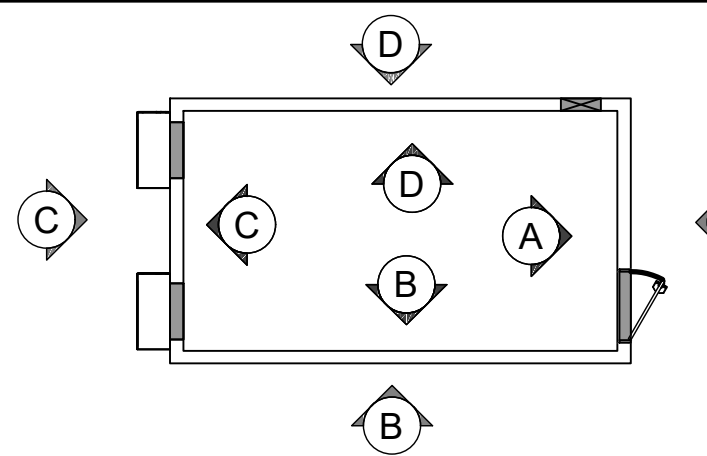
FLOOR PLAN LAYOUT

SHEET NUMBER

C-5

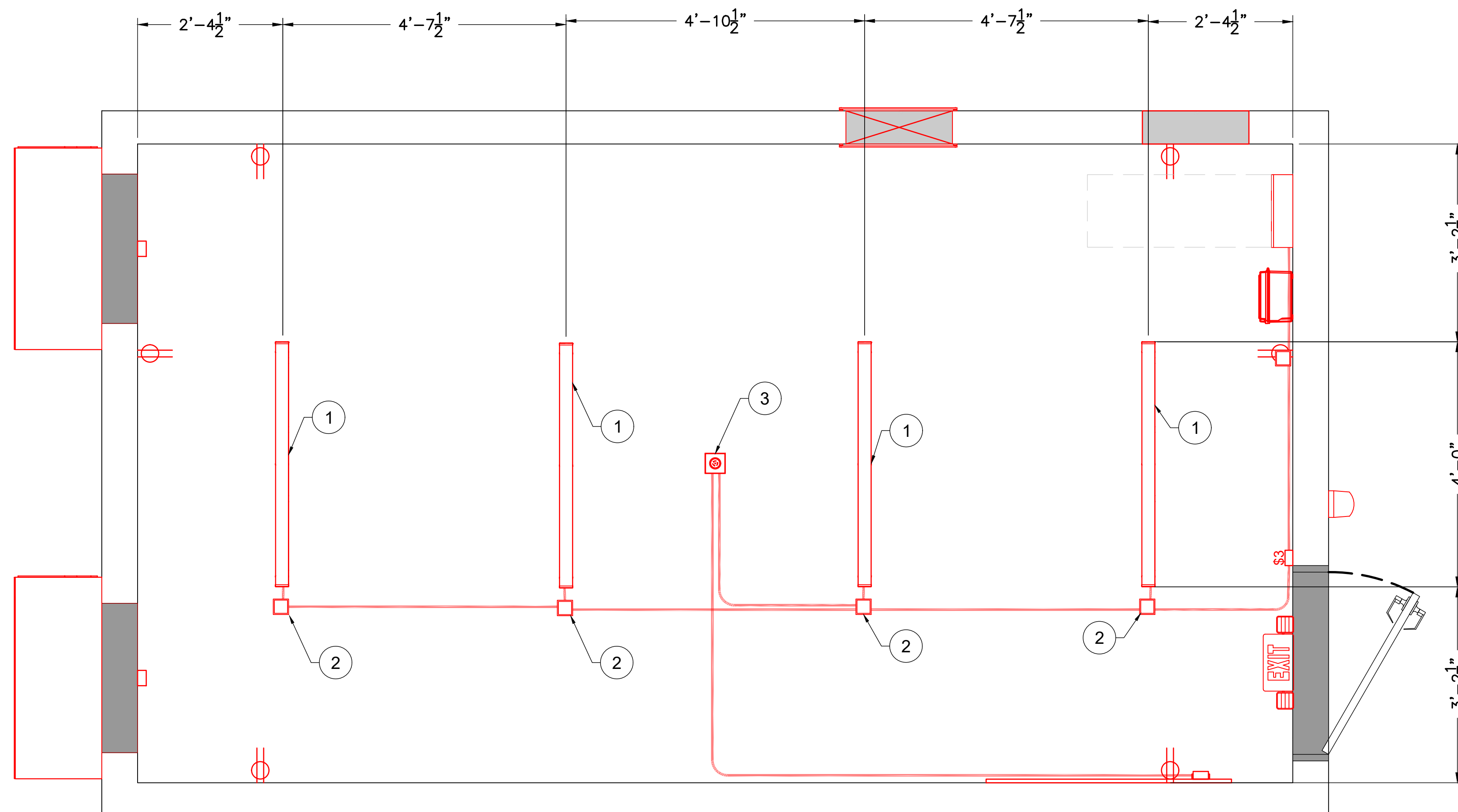
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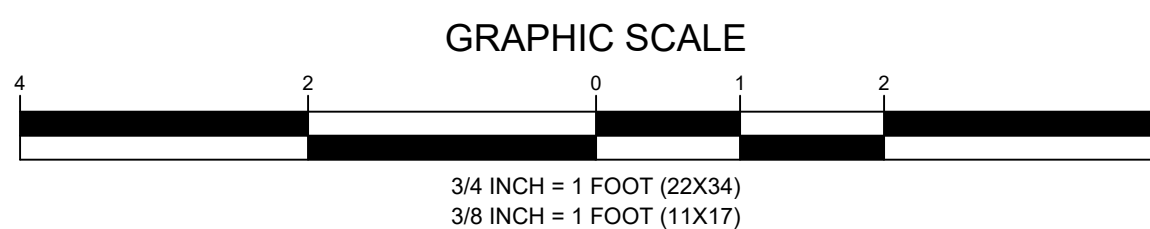


MATERIAL SCHEDULE

SYMBOL	DESCRIPTION	QTY.	MOUNTING	
			LOCATION	HEIGHT
1	4' LED LIGHT FIXTURES	4	CEILING	CEILING
2	JUNCTION BOX	4	INSIDE SHELTER CEILING	CEILING
3	SMOKE DETECTOR	1	CEILING	CEILING
\$3	20AMP, 120V LIGHT SWITCH	1	INTERIOR FACE A	3'-9" ϕ ABOVE FLOOR



1 FLOOR PLAN - LIGHTING
 SCALE: 3/4" = 1' (22X34)
 C-6 SCALE: 3/8" = 1' (11X17)



APPLICANT



ENGINEER



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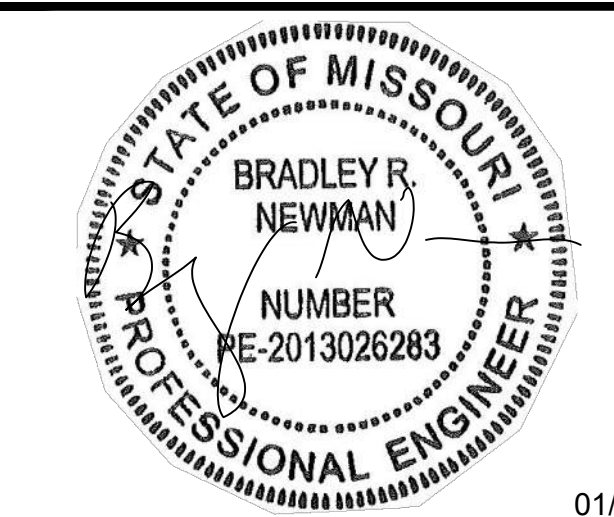
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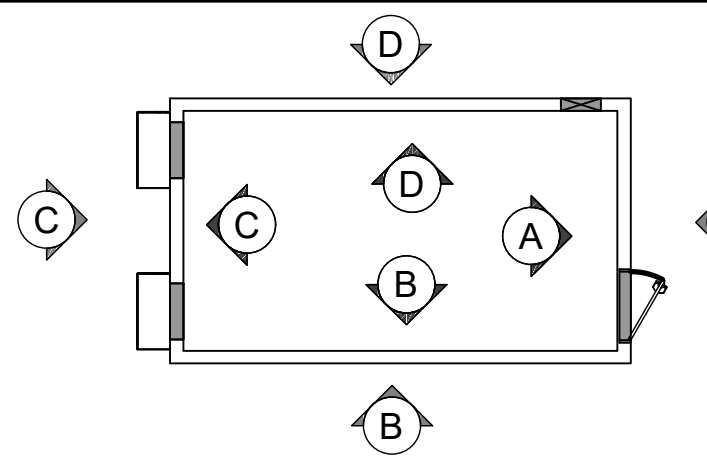
**FLOOR PLAN
 - LIGHTING**

SHEET NUMBER

C-6

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ENGINEER



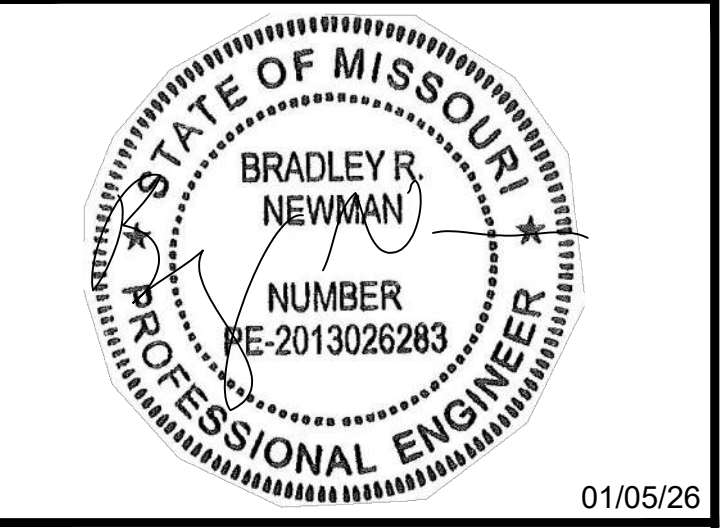
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PROFESSIONAL STAMP



ENGINEER

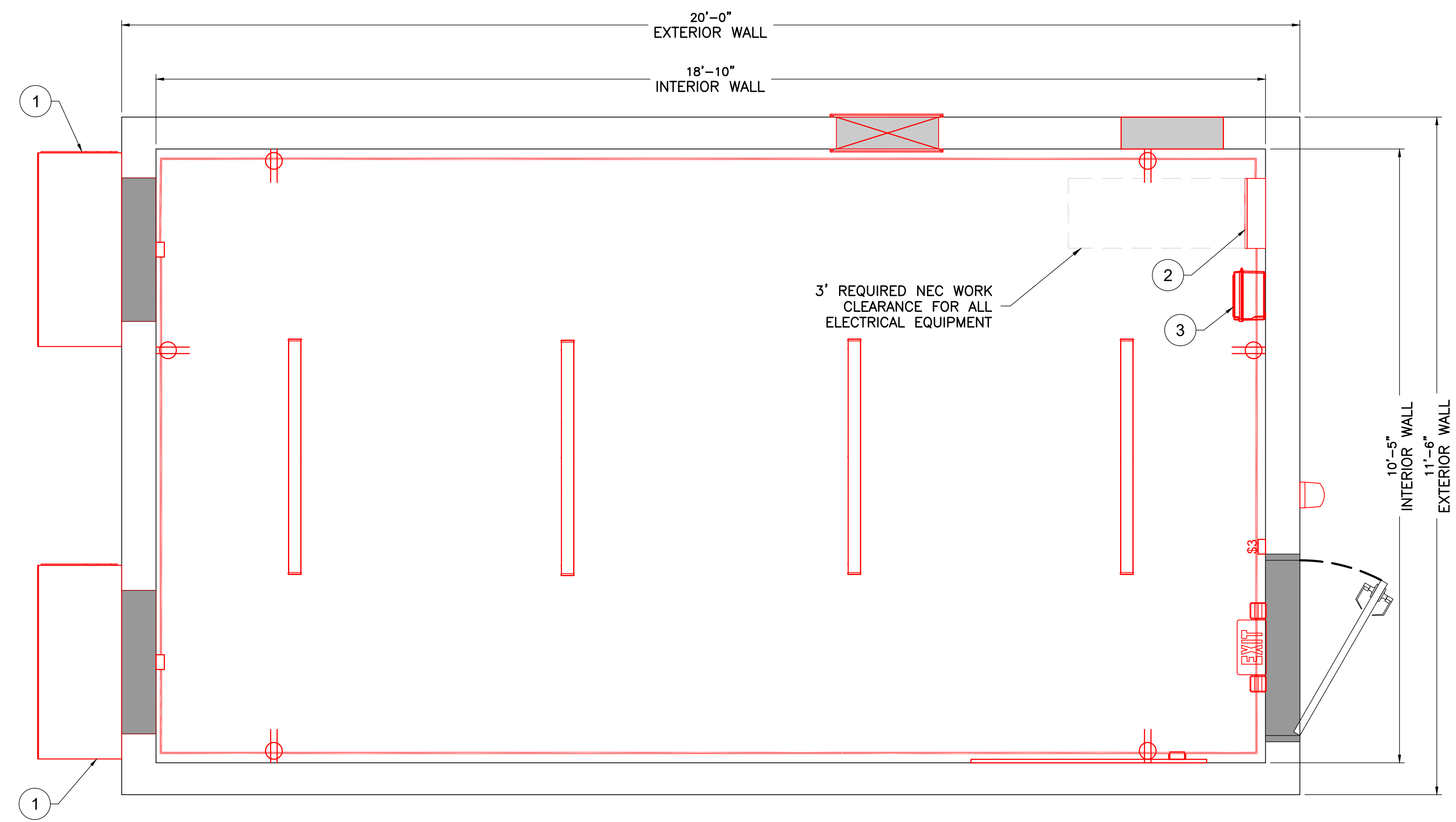
BRAD R. NEWMAN, P.E.
 STATE OF MISSOURI
 PROFESSIONAL ENGINEER
 LICENSE #2013026283

SHEET TITLE

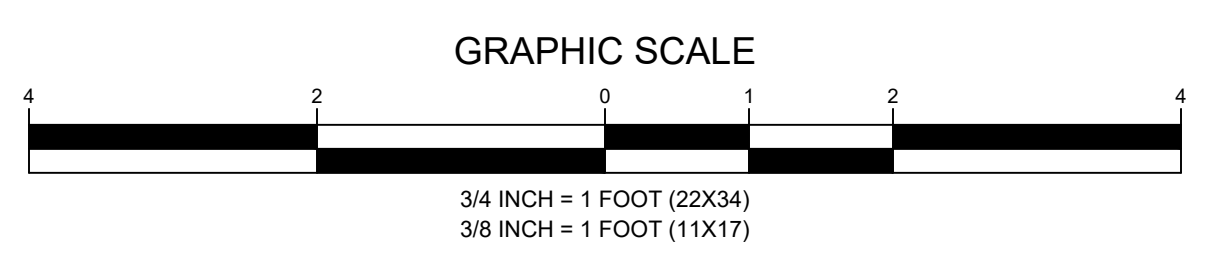
**FLOOR PLAN
 - HVAC**

SHEET NUMBER

C-7

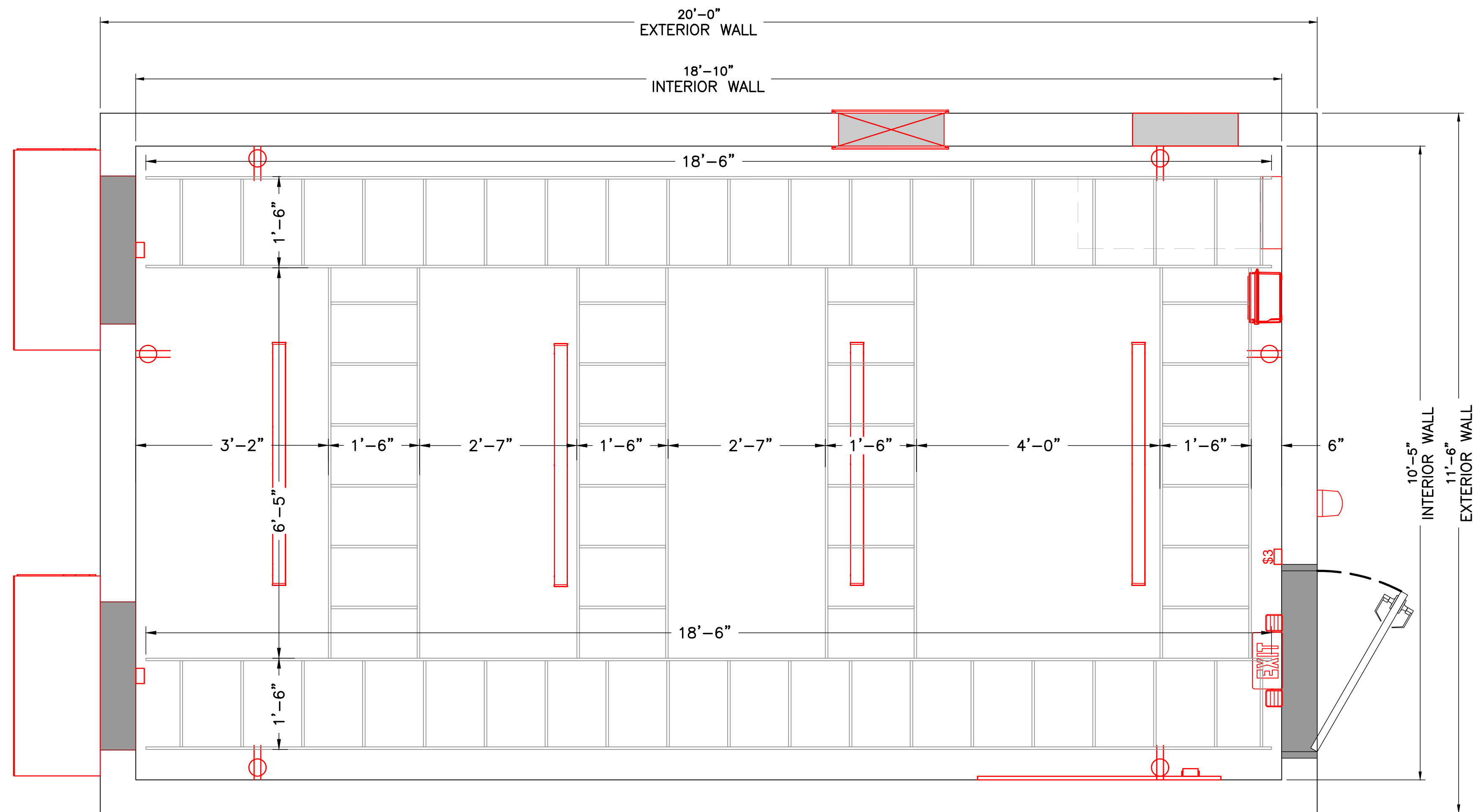
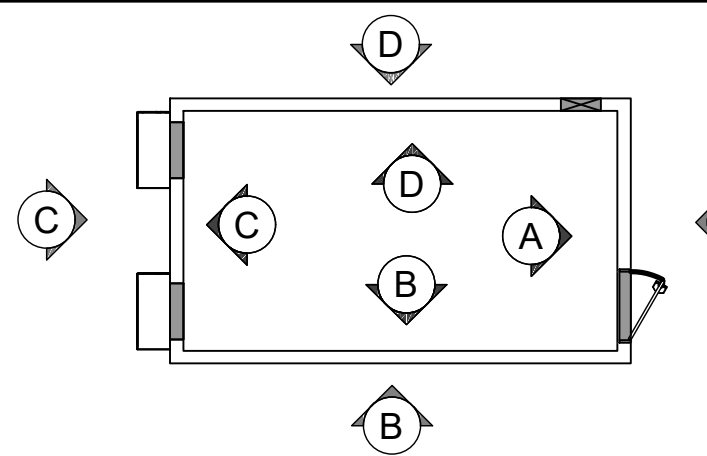


1 FLOOR PLAN - HVAC
 SCALE: 3/4" = 1' (22X34)
 SCALE: 3/8" = 1' (11X17)

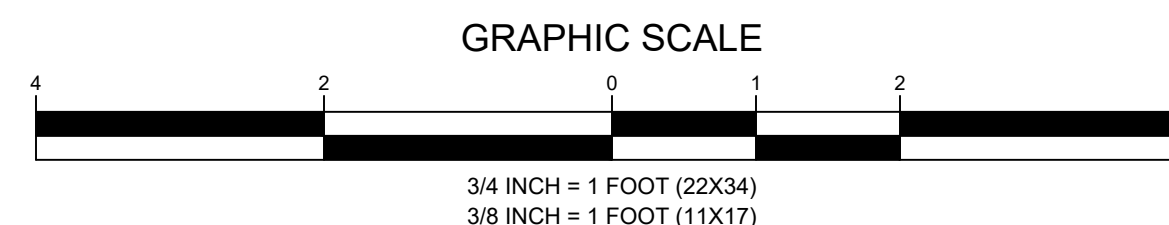


CONTRACTOR NOTE:
 CONTRACTOR IS RESPONSIBLE FOR THE MOUNTING
 MEANS AND METHODS FOR ALL EXTERIOR AND INTERIOR
 EQUIPMENT. CONTRACTOR SHALL FOLLOW THE
 MANUFACTURES RECOMMENDATION WHEN MOUNTING ALL
 EXTERIOR AND INTERIOR EQUIPMENT.
 NB+C IS NOT RESPONSIBLE FOR SHELTER
 DESIGN & DIMENSIONS.

CELLSITE SHELTER KEY



1 FLOOR PLAN - CABLE TRAY
 C-8 SCALE: 3/4" = 1' (22X34)
 SCALE: 3/8" = 1' (11X17)



APPLICANT



ENGINEER



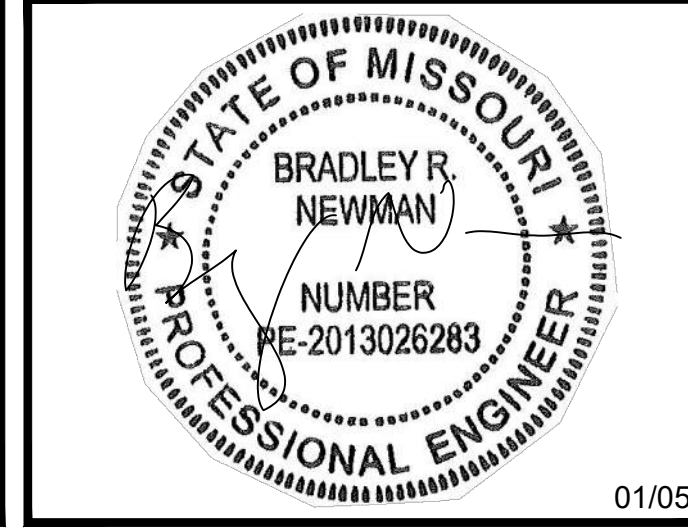
SITE INFORMATION

LEES SUMMIT
 NB+C PROJECT #: 101210
 LEES SUMMIT ROAD
 LEES SUMMIT, MO 64081
 JACKSON COUNTY

DESIGN RECORD

REV	DATE	DESCRIPTION	BY
1	01/05/26	COMMENTS	OCC
0	11/04/25	FINAL CDS	GS
B	10/28/25	COMMENTS	OCC
A	10/24/25	PRELIMINARY CDS	GS

PROFESSIONAL STAMP



ENGINEER

BRAD R. NEWMAN, P.E.
 STATE OF MISSOURI
 PROFESSIONAL ENGINEER
 LICENSE #2013026283

SHEET TITLE

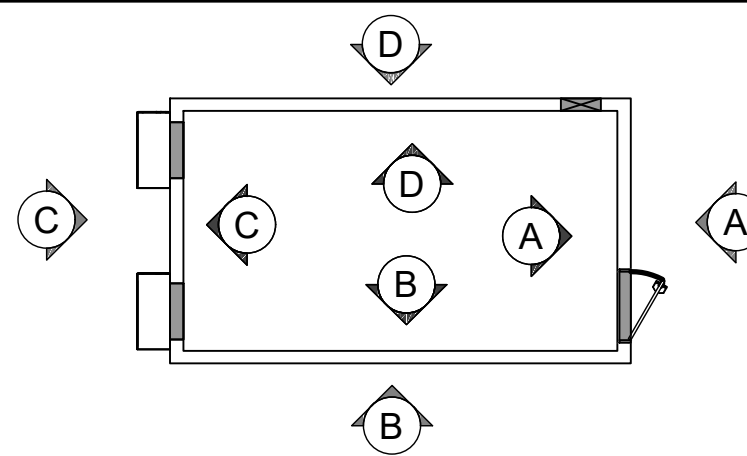
**FLOOR PLAN -
 CABLE TRAY**

SHEET NUMBER

C-8

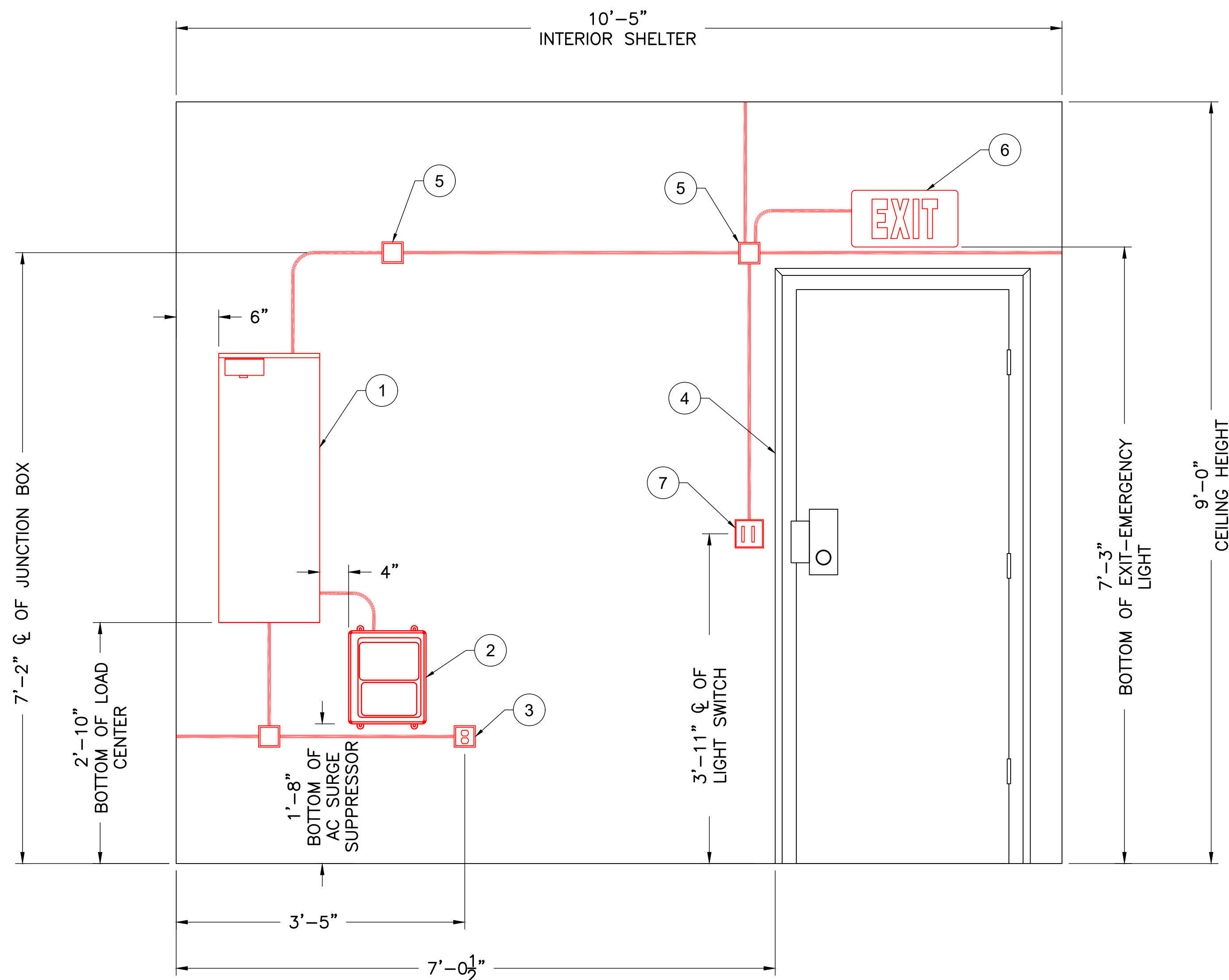
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CELLSITE SHELTER KEY

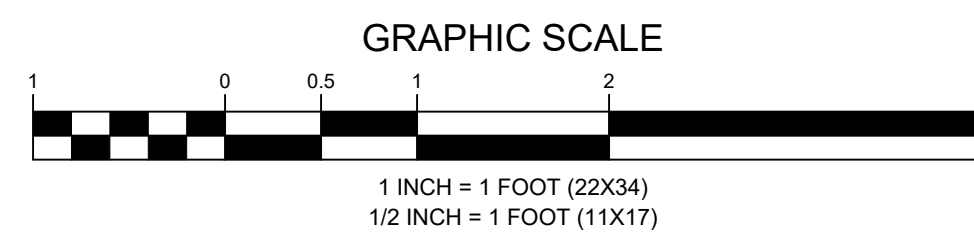


MATERIAL SCHEDULE

SYMBOL	DESCRIPTION	QTY.	MOUNTING	
			LOCATION	HEIGHT
1	200A 42 CKT MAIN BREAKER LOAD CENTER	1	INTERIOR FACE A	2'-10" ABOVE FLOOR
2	AC SURGE SUPPRESSOR	1	INTERIOR FACE A	1'-8" ABOVE FLOOR
3	20A 120V DUPLEX RECEPTACLE	1	INTERIOR FACE A	1'-6" ϕ ABOVE FLOOR
4	DOOR & HARDWARE	1	INTERIOR FACE A	ABOVE FLOOR
5	JUNCTION BOX	3	INTERIOR FACE A	7'-2" ϕ ABOVE FLOOR
6	EXIT-EMERGENCY LIGHT	1	INTERIOR FACE A	7'-3" ABOVE FLOOR
7	20AMP, 120V LIGHT SWITCH	1	INTERIOR FACE A	3'-11" ϕ ABOVE FLOOR



1 INTERIOR ELEVATION FACE A
 SCALE: 1" = 1' (22X34)
 SCALE: 1/2" = 1' (11X17)



APPLICANT



ENGINEER



SITE INFORMATION

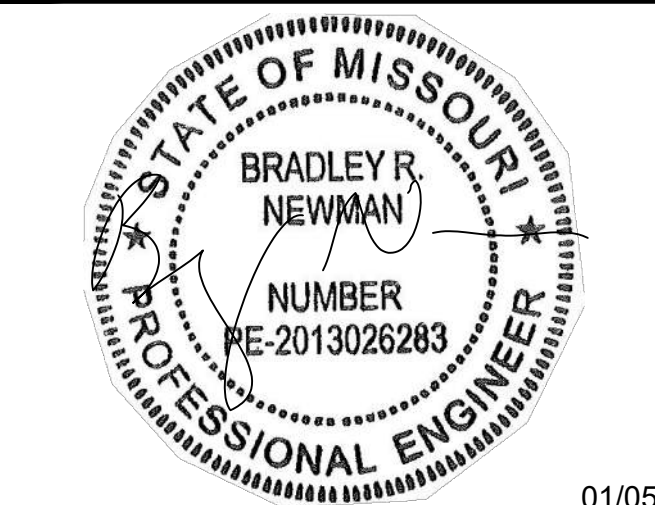
LEES SUMMIT
 NB+C PROJECT #: 101210
 LEES SUMMIT ROAD
 LEES SUMMIT, MO 64081
 JACKSON COUNTY

DESIGN RECORD

REVISIONS

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PROFESSIONAL STAMP



ENGINEER

BRAD R. NEWMAN, P.E.
 STATE OF MISSOURI
 PROFESSIONAL ENGINEER
 LICENSE #2013026283

SHEET TITLE

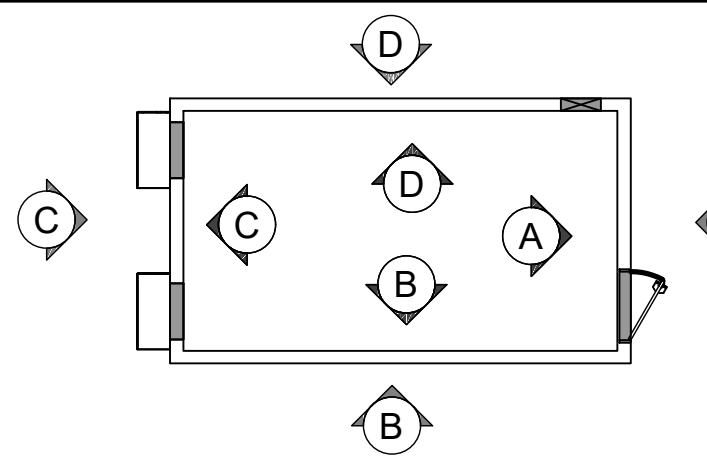
**INTERIOR
 ELEVATION
 FACE A**

SHEET NUMBER

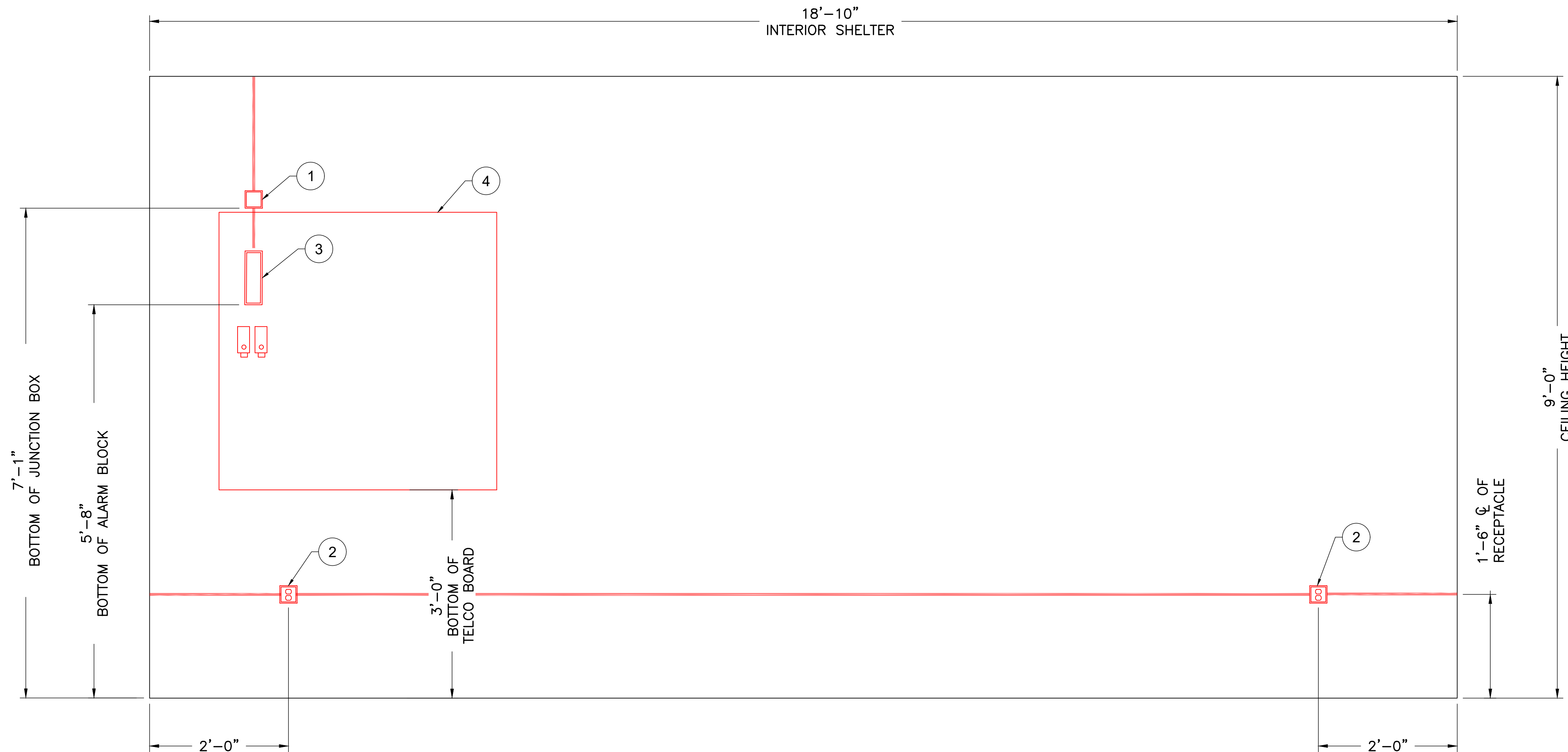
C-9

CONTRACTOR NOTE:
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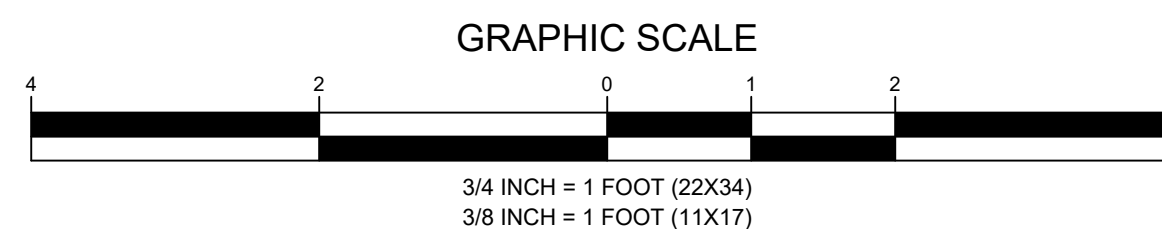
CELLSITE SHELTER KEY



MATERIAL SCHEDULE				
SYMBOL	DESCRIPTION	QTY.	MOUNTING	
			LOCATION	HEIGHT
1	JUNCTION BOX	1	INTERIOR FACE B	7'-1" ABOVE FLOOR
2	20A 120V DUPLEX RECEPTACLE	2	INTERIOR FACE B	1'-6" ϕ ABOVE FLOOR
3	ALARM BLOCK	1	INTERIOR FACE B	5'-8" ABOVE FLOOR
4	TELCO BOARD	1	INTERIOR FACE B	3'-0" ABOVE FLOOR



1
 C-10
 INTERIOR ELEVATION FACE B
 SCALE: 3/4" = 1' (22X34)
 SCALE: 3/8" = 1' (11X17)



APPLICANT



ENGINEER



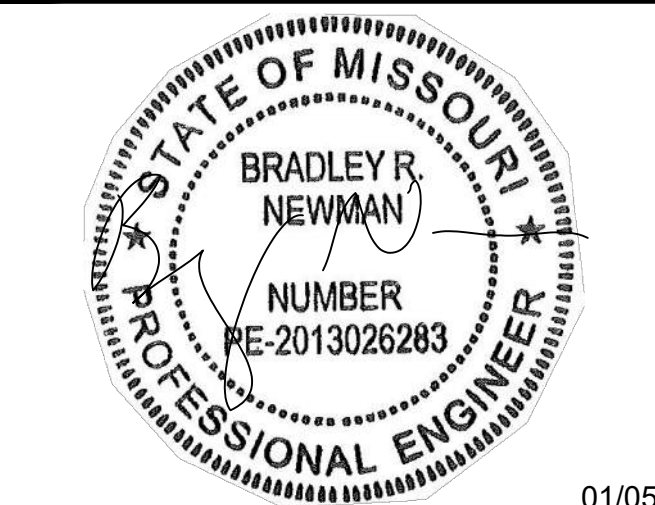
SITE INFORMATION

LEES SUMMIT
 NB+C PROJECT #: 101210
 LEES SUMMIT ROAD
 LEES SUMMIT, MO 64081
 JACKSON COUNTY

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PROFESSIONAL STAMP



ENGINEER

BRAD R. NEWMAN, P.E.
 STATE OF MISSOURI
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 LICENSE #2013026283

SHEET TITLE

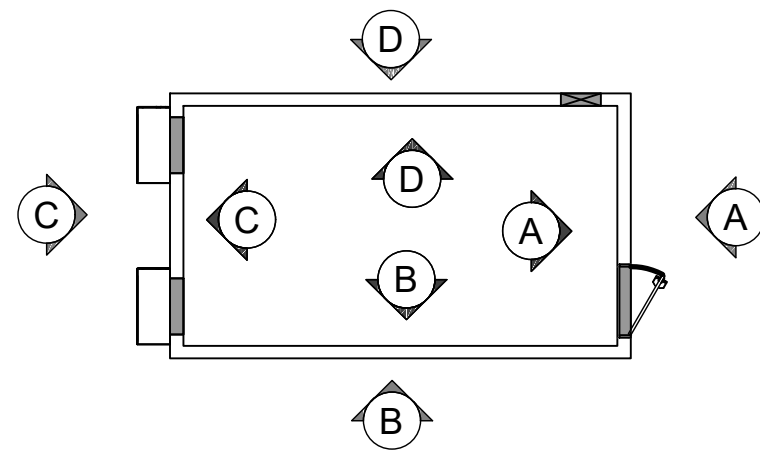
**INTERIOR
 ELEVATION
 FACE B**

SHEET NUMBER

C-10

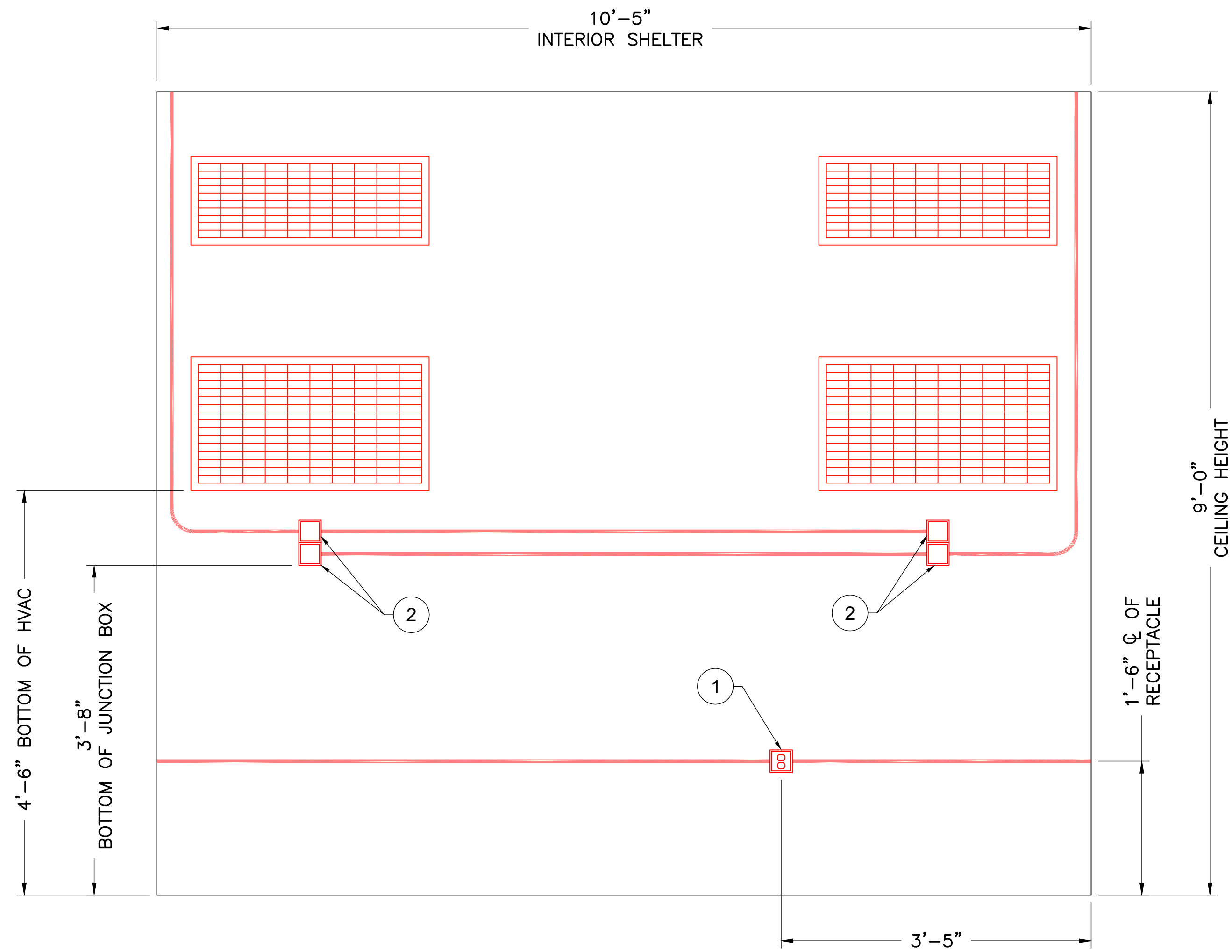
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CELLSITE SHELTER KEY

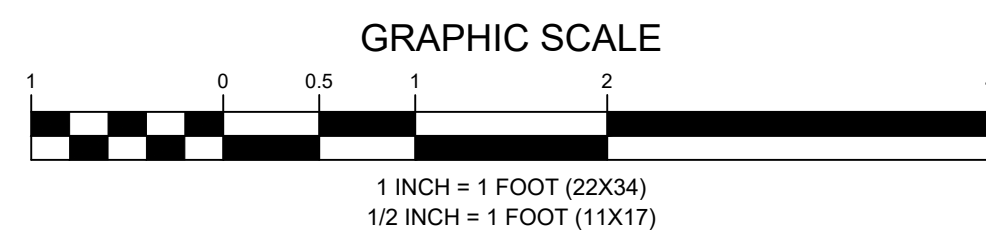


MATERIAL SCHEDULE

SYMBOL	DESCRIPTION	QTY.	MOUNTING	
			LOCATION	HEIGHT
1	20A 120V DUPLEX RECEPTACLE	1	INTERIOR FACE C	1'-6" ϕ ABOVE FLOOR
3	JUNCTION BOX	4	INTERIOR FACE C	3'-8" ABOVE FLOOR



1
 C-11
INTERIOR ELEVATION FACE C
 SCALE: 1" = 1' (22X34)
 SCALE: 1/2" = 1' (11X17)



APPLICANT



ENGINEER



SITE INFORMATION

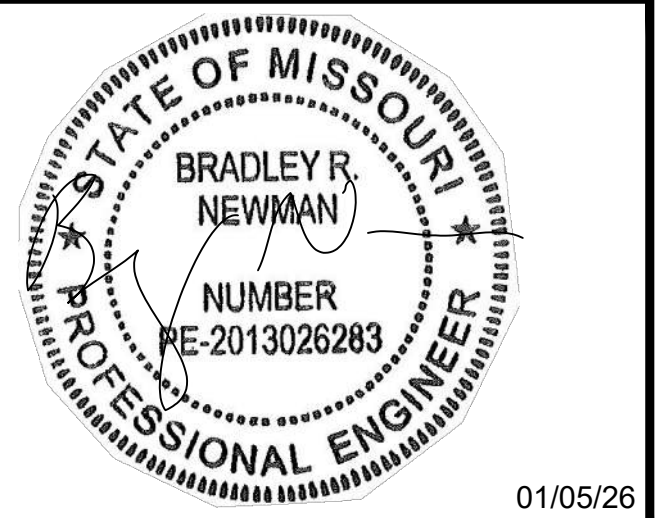
LEES SUMMIT
 NB+C PROJECT #: 101210
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 LEES SUMMIT, MO 64081
 JACKSON COUNTY

DESIGN RECORD

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PROFESSIONAL STAMP



ENGINEER

BRAD R. NEWMAN, P.E.
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SHEET TITLE

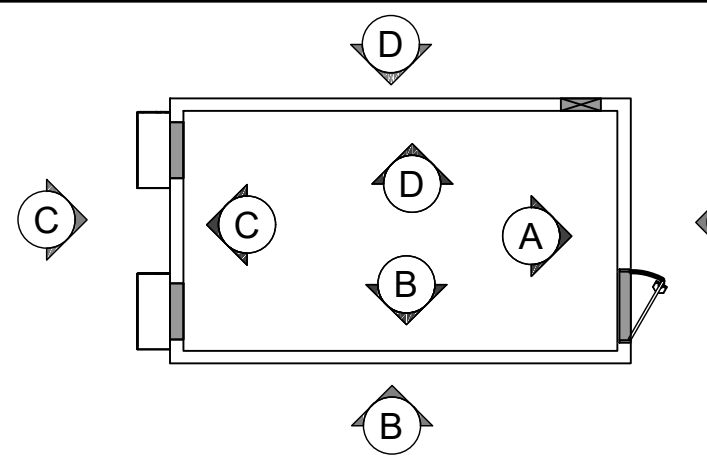
**INTERIOR
 ELEVATION
 FACE C**

SHEET NUMBER

C-11

CONTRACTOR NOTE:
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 DESIGN & DIMENSIONS.

CELLSITE SHELTER KEY



MATERIAL SCHEDULE				
SYMBOL	DESCRIPTION	QTY.	MOUNTING	
			LOCATION	HEIGHT
1	20A 120V DUPLEX RECEPTACLE	2	INTERIOR FACE D	1'-6" ϕ ABOVE FLOOR
2	12-HOLE 4" COAX ENTRY PLATE	1	INTERIOR FACE D	7'-10" ϕ ABOVE FLOOR
3	GROUND BAR	1	INTERIOR FACE D	5'-8" ϕ ABOVE FLOOR
4	BLANK ENTRY PLATE	1	INTERIOR FACE D	7'-10" ϕ ABOVE FLOOR

APPLICANT



ENGINEER



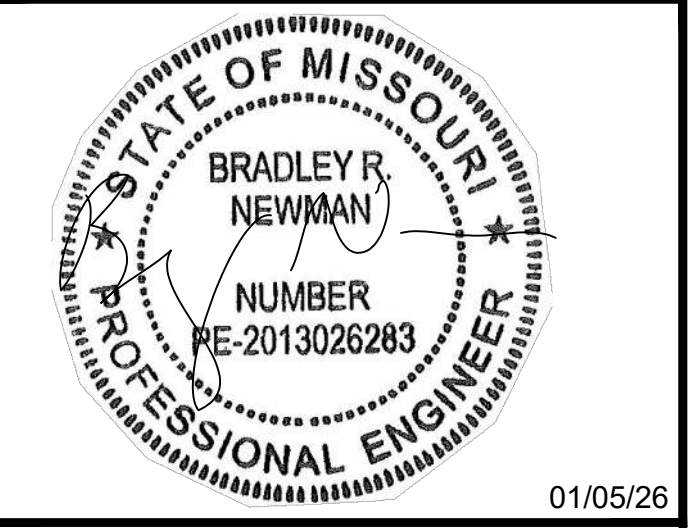
SITE INFORMATION

LEES SUMMIT
 NB+C PROJECT #: 101210
 LEES SUMMIT ROAD
 LEES SUMMIT, MO 64081
 JACKSON COUNTY

DESIGN RECORD

REVISIONS			
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PROFESSIONAL STAMP



ENGINEER

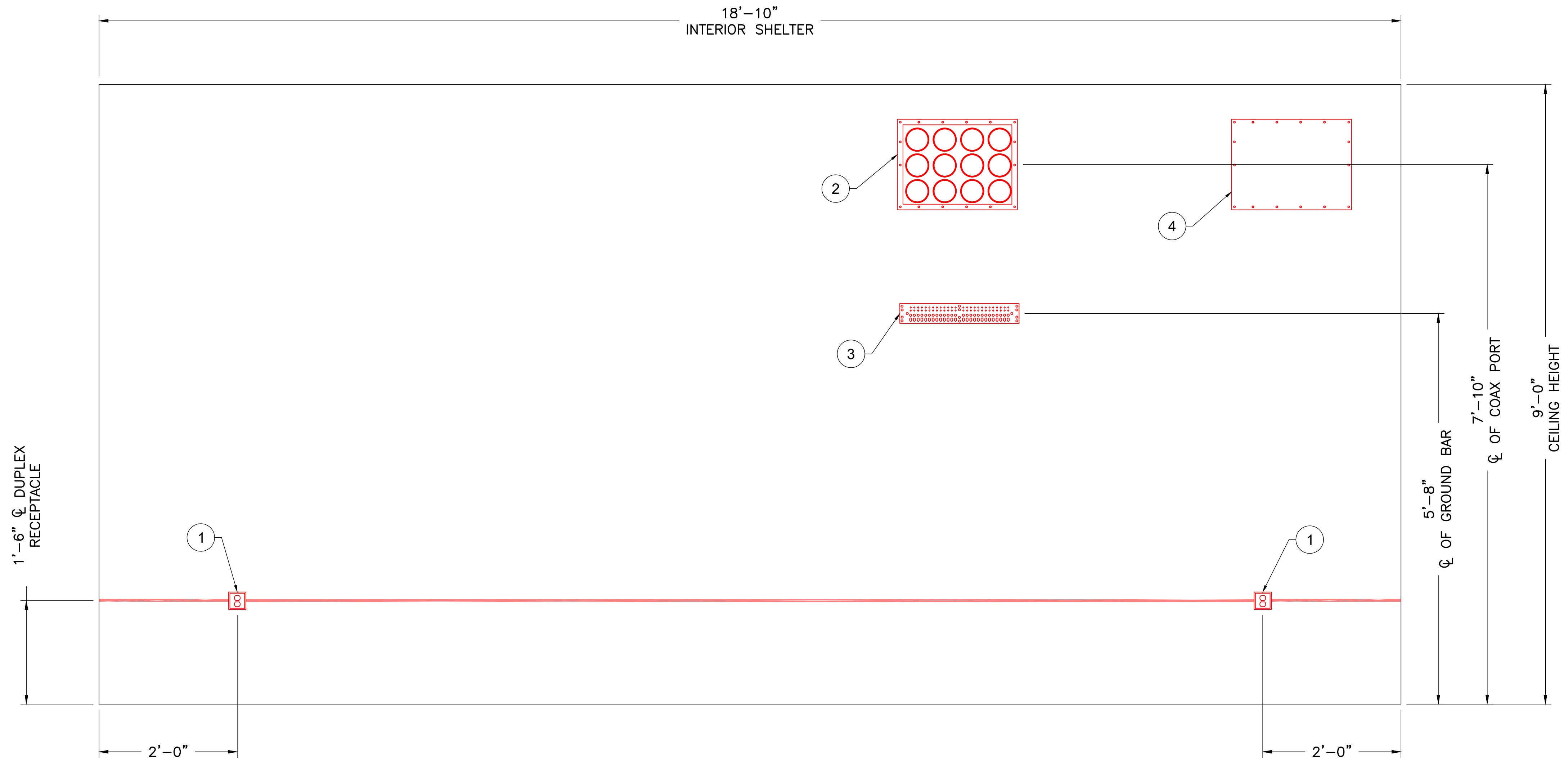
BRAD R. NEWMAN, P.E.
 STATE OF MISSOURI
 PROFESSIONAL ENGINEER
 LICENSE #2013026283

SHEET TITLE

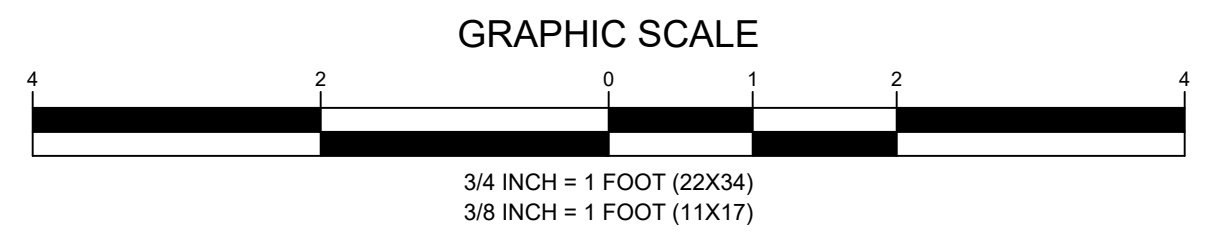
**INTERIOR
 ELEVATION
 FACE D**

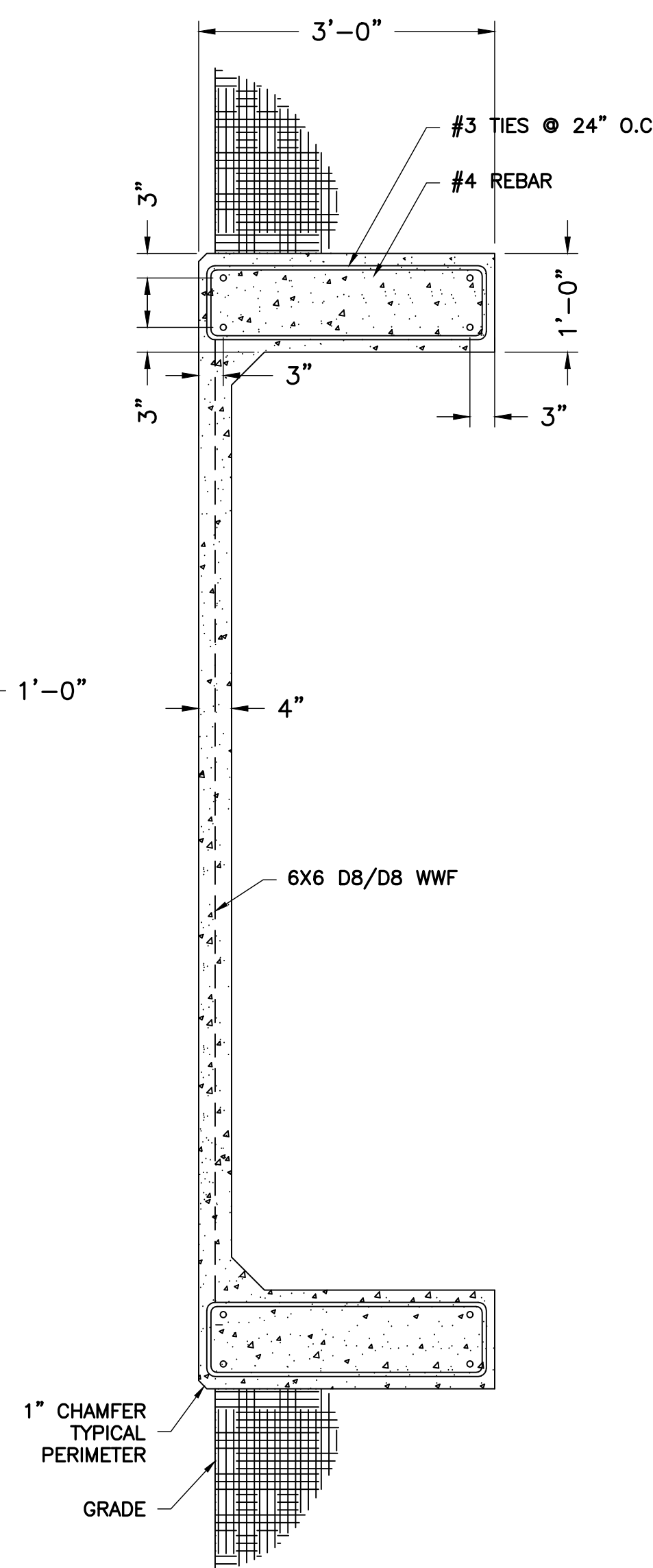
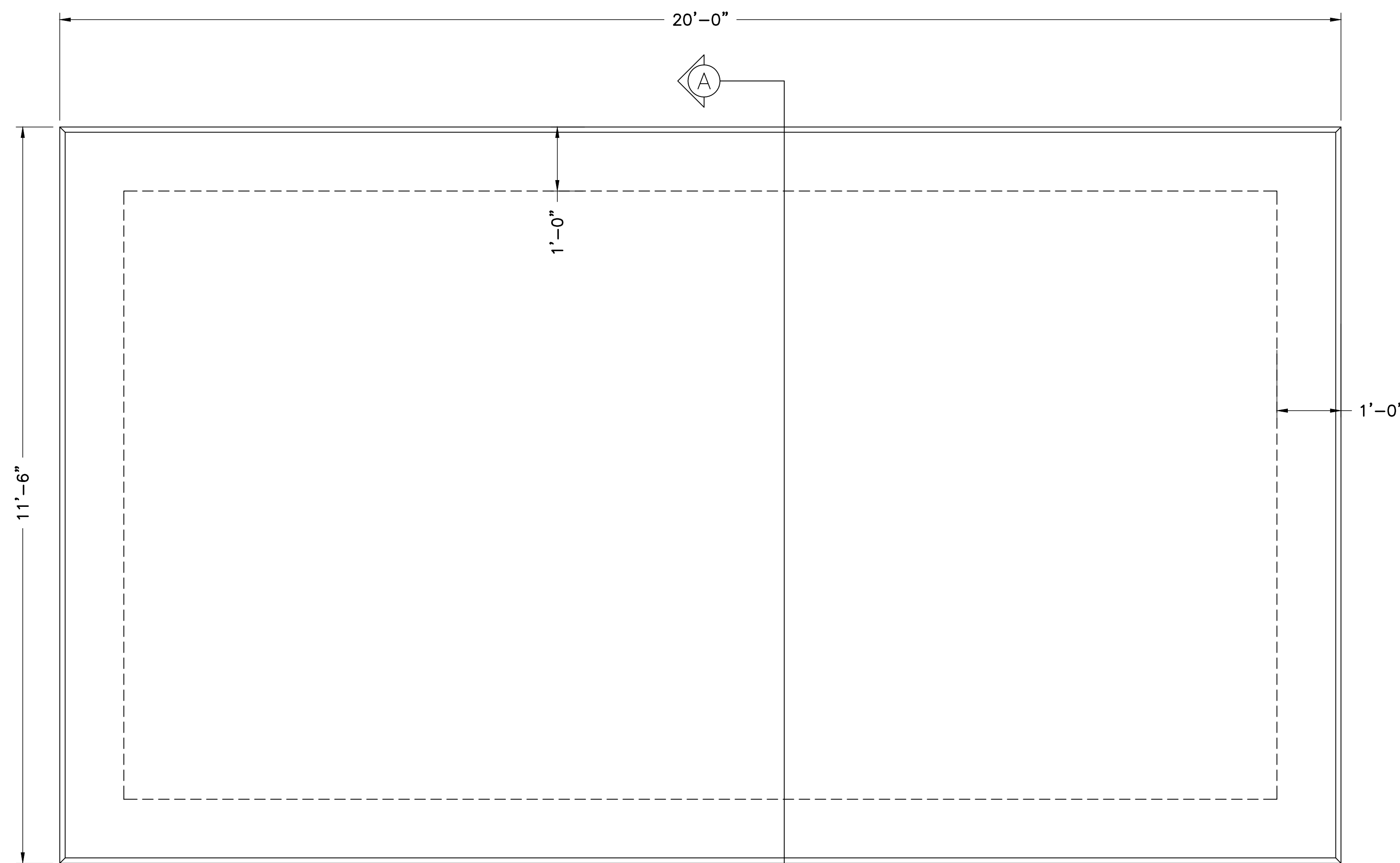
SHEET NUMBER

C-12



1
 C-12
 SCALE: 3/4" = 1' (22X34)
 SCALE: 3/8" = 1' (11X17)



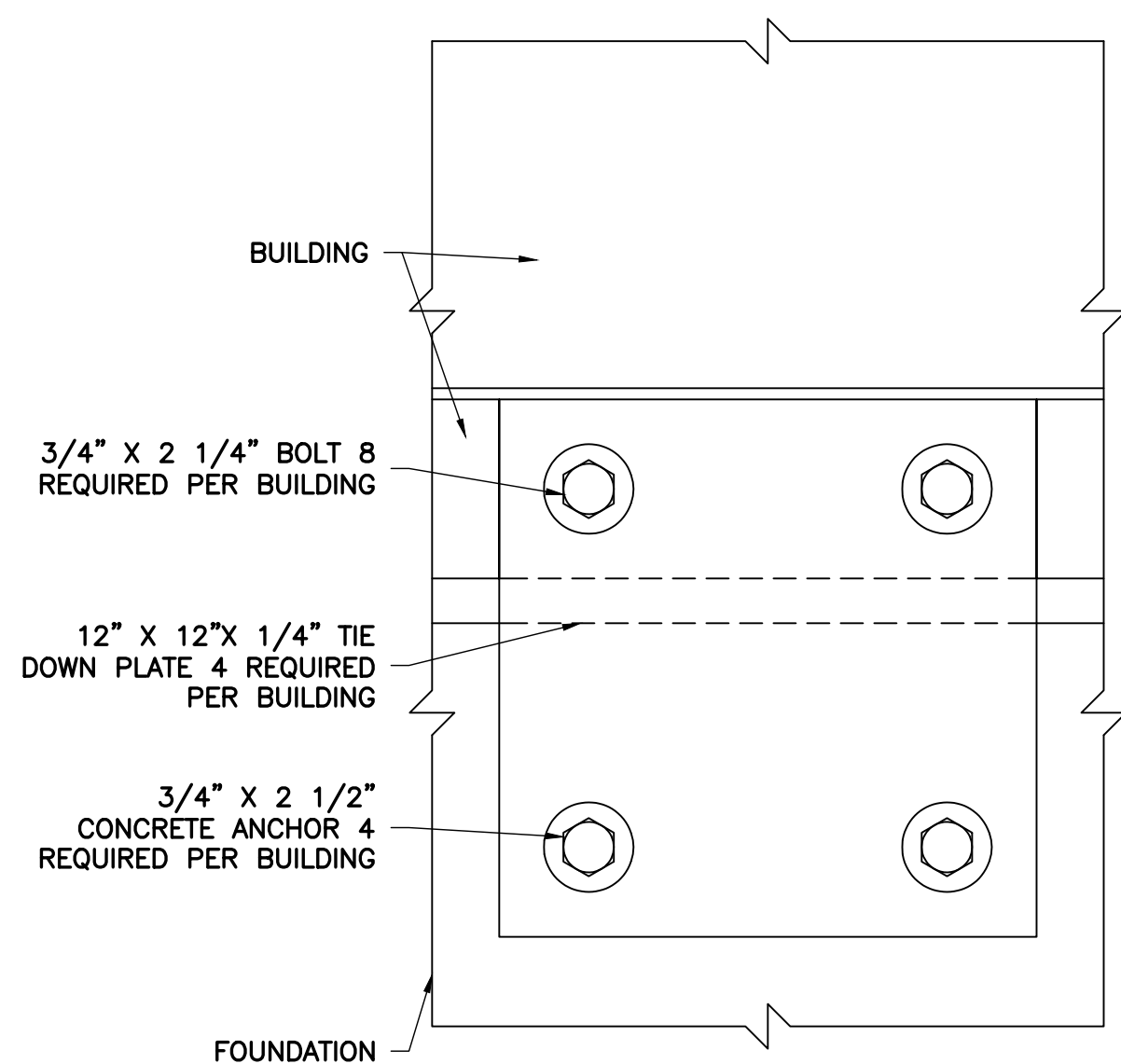
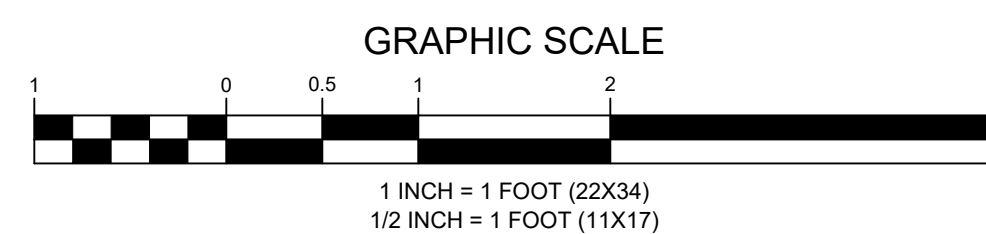


- GENERAL NOTES:**
1. SLAB TOLERANCE IS $\pm 1/4"$.
 2. FOOTING TO EXTEND A MINIMUM OF 36" BELOW UNDISTURBED SOIL AND FROST LINE
 3. FINAL SITE DESIGN IS THE RESPONSIBILITY OF THE SITE CONTRACTOR
 4. SLAB FOUNDATION DESIGNED ASSUMING ALLOWABLE SOIL BEARING PRESSURE OF 2000 PSF
 5. SLAB FOUNDATION DESIGNED ASSUMING MAXIMUM SOIL PLASTICITY INDEX OF 27
 6. CONCRETE STRENGTH SHALL BE A MAXIMUM OF 3000 PSI .

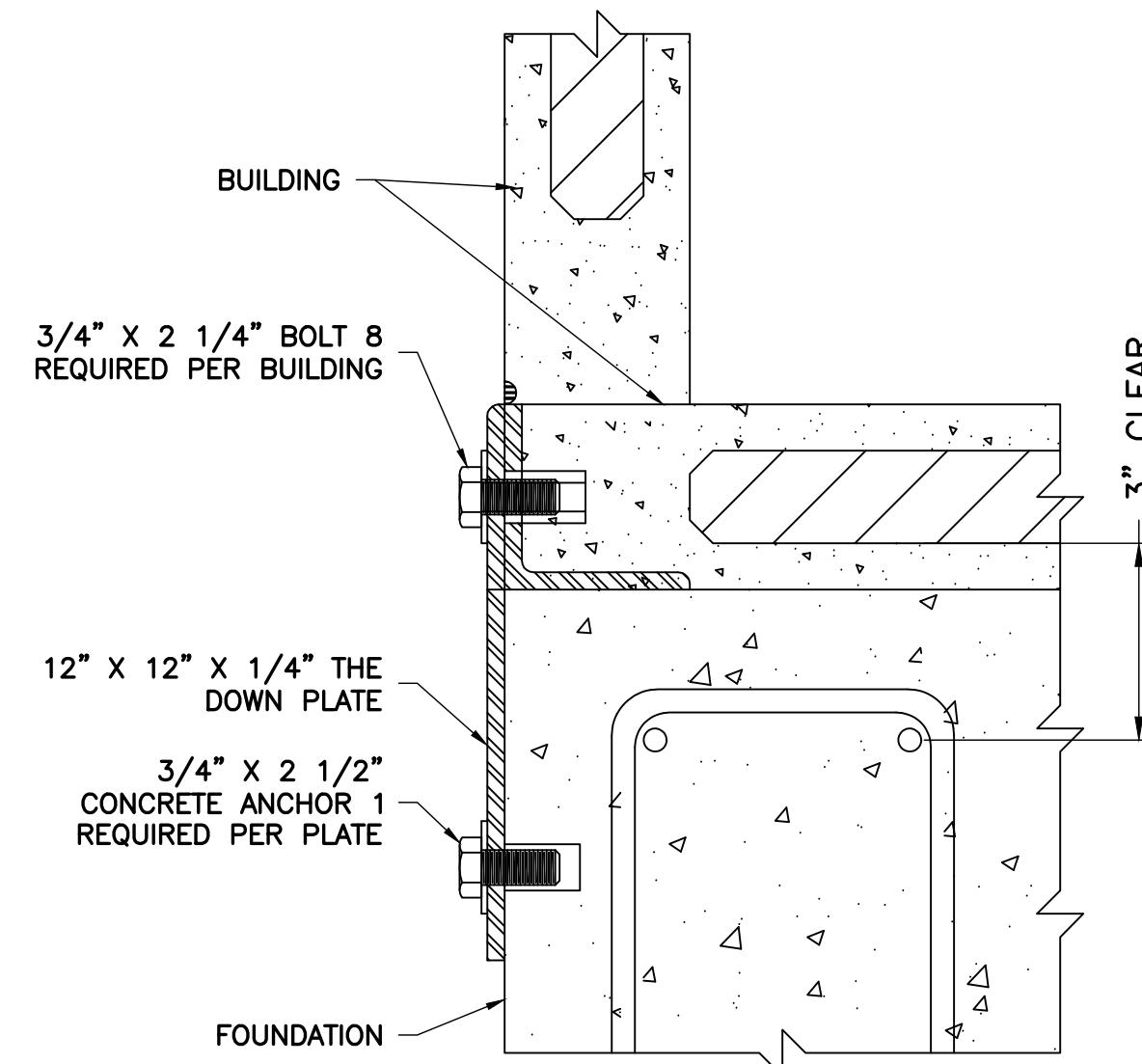
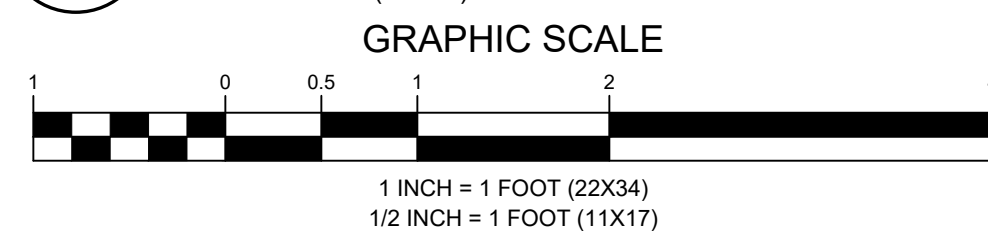
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OPTIONAL REINFORCING BAR		
SIZE	GRADE	LAT/LONG SPACING
#3	40	9" C/C
#4	40	16" C/C
#5	40	19" C/C
#3	60	10" C/C
#4	60	18" C/C
#5	60	18" C/C

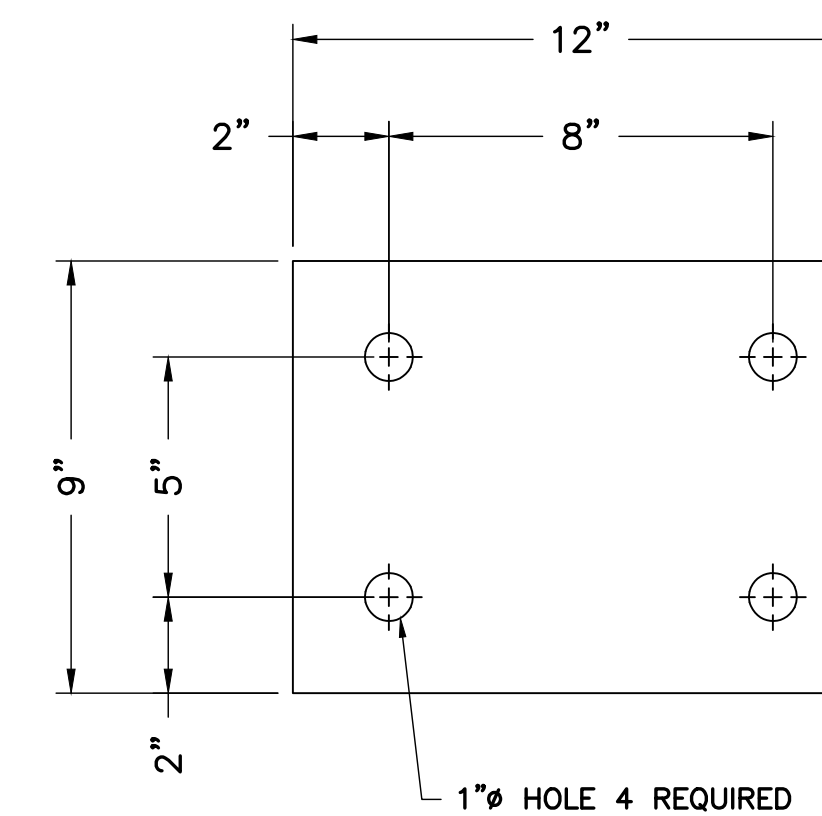
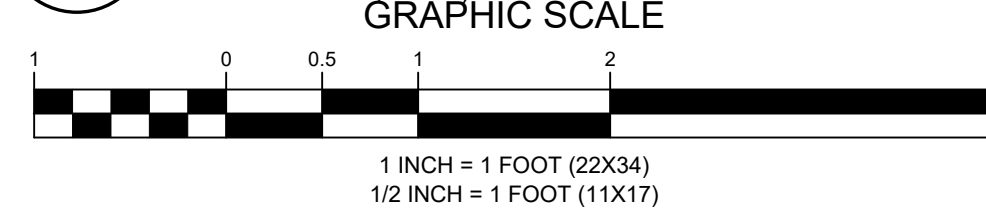
1 SLAB FOUNDATION DETAILS
 SCALE: 1" = 1' (22X34)
 SCALE: 1/2" = 1' (11X17)



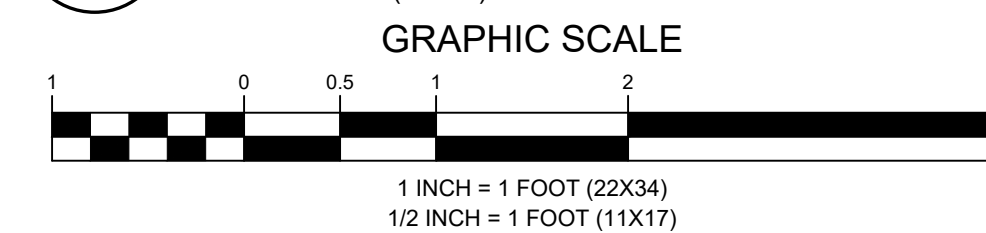
2 CONNECTION DETAILS FRONT
 SCALE: 1" = 1' (22X34)
 SCALE: 1/2" = 1' (11X17)



3 CONNECTION DETAILS SIDE
 SCALE: 1" = 1' (22X34)
 SCALE: 1/2" = 1' (11X17)



4 TIE DOWN PLATE DETAIL
 SCALE: 1" = 1' (22X34)
 SCALE: 1/2" = 1' (11X17)



APPLICANT



ENGINEER



NB+C ENGINEERING SERVICES, LLC.
 120 EASTSHORE DRIVE, SUITE 300
 GLEN ALLEN, VA 23059
 (804) 548-4079

SITE INFORMATION

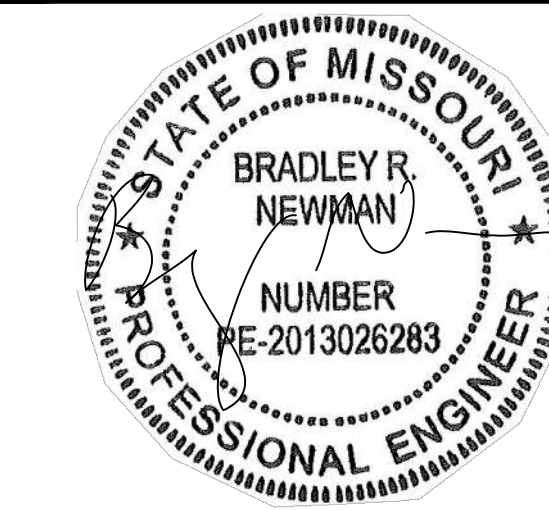
LEES SUMMIT
 NB+C PROJECT #: 101210
 LEES SUMMIT ROAD
 LEES SUMMIT, MO 64081
 JACKSON COUNTY

DESIGN RECORD

REVISIONS

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PROFESSIONAL STAMP



ENGINEER

BRAD R. NEWMAN, P.E.
 STATE OF MISSOURI
 PROFESSIONAL ENGINEER
 LICENSE #2013026283

SHEET TITLE

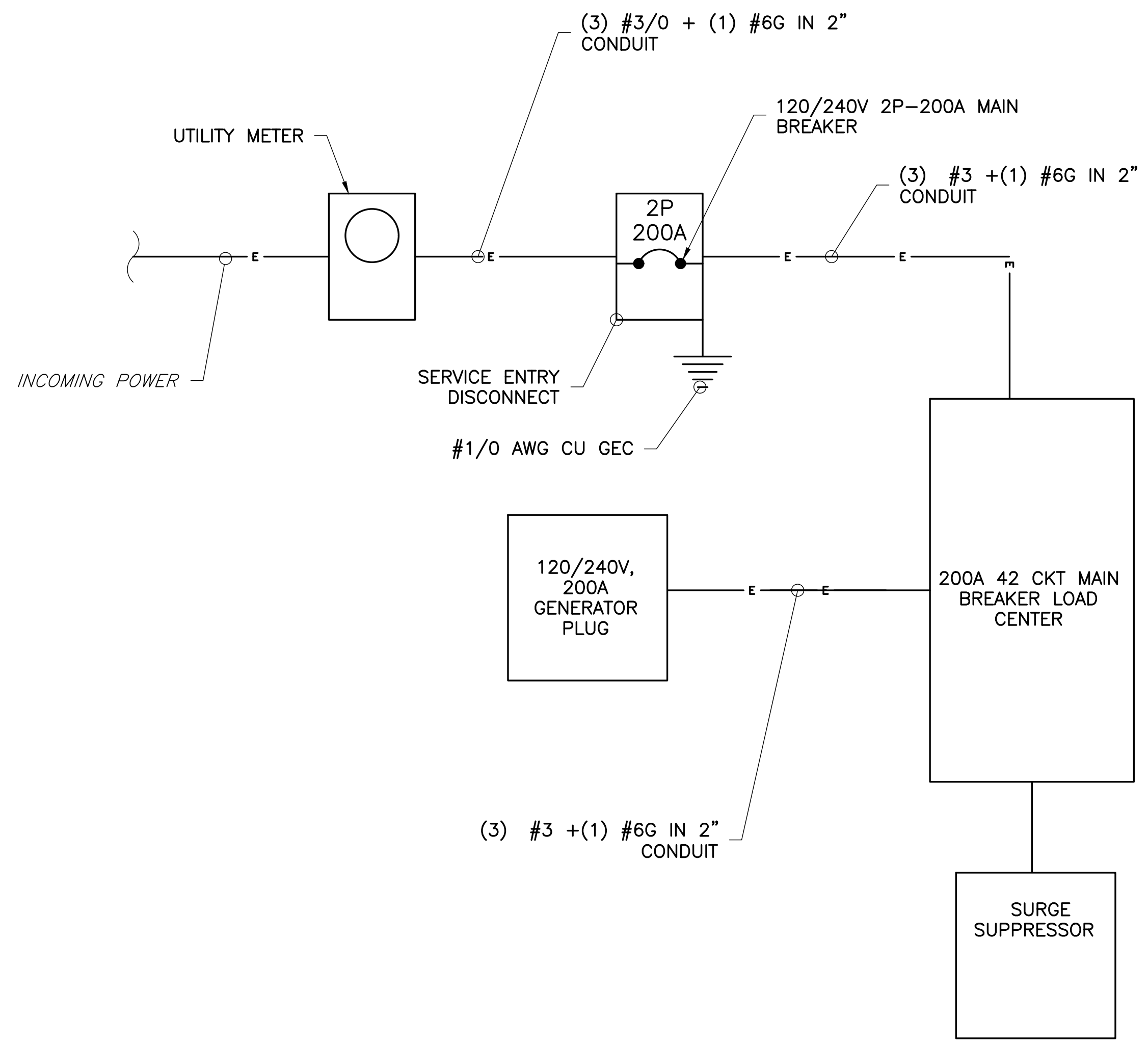
FOUNDATION DETAILS

SHEET NUMBER

S-1

NOTES:
 1. ALL WORK SHALL COMPLY WITH NEC AND SUBSTATION DESIGN STANDARDS.
 2. ELECTRICAL INFORMATION PROVIDED BY CLIENT.

NOTES:
 THE PANEL SCHEDULE TO BE PROVIDED BY CELLSITE SOLUTIONS



TO BE PROVIDED BY
 CELLSITE SOLUTIONS

1 ELECTRICAL ONE-LINE DIAGRAM
 E-1 NOT TO SCALE

2 ELECTRICAL PANEL SCHEDULE
 E-1 NOT TO SCALE

APPLICANT



ENGINEER



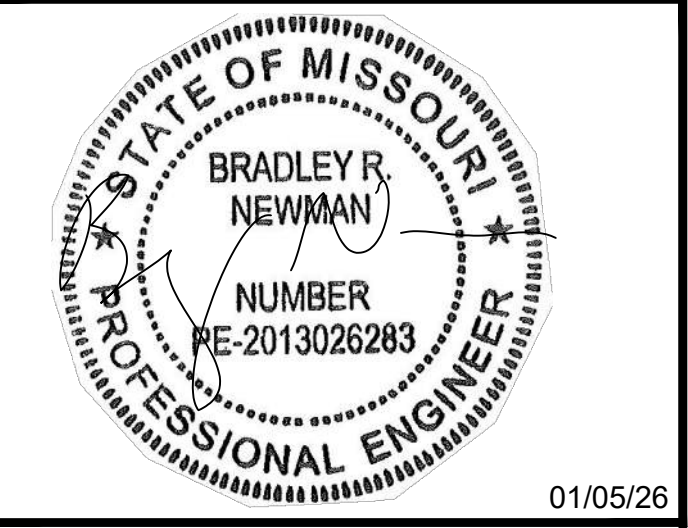
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PROFESSIONAL STAMP



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 STATE OF MISSOURI
 PROFESSIONAL ENGINEER
 LICENSE #2013026283

SHEET TITLE

PANEL SCHEDULE & ONE LINE DIAGRAM

SHEET NUMBER

E-1

TO BE PROVIDED BY
CELLSITE SOLUTIONS

1 PUNCH BLOCK ALARM DETAILS
E-2 NOT TO SCALE

APPLICANT



ENGINEER



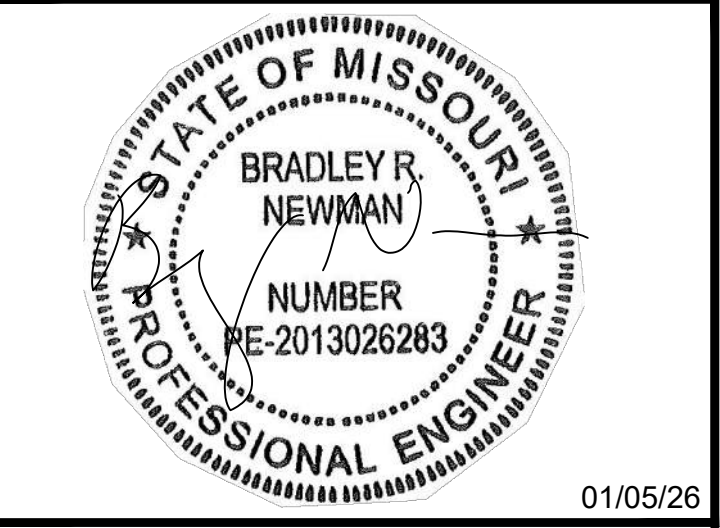
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PROFESSIONAL STAMP



ENGINEER

BRAD R. NEWMAN, P.E.
STATE OF MISSOURI
PROFESSIONAL ENGINEER
LICENSE #2013026283

SHEET TITLE

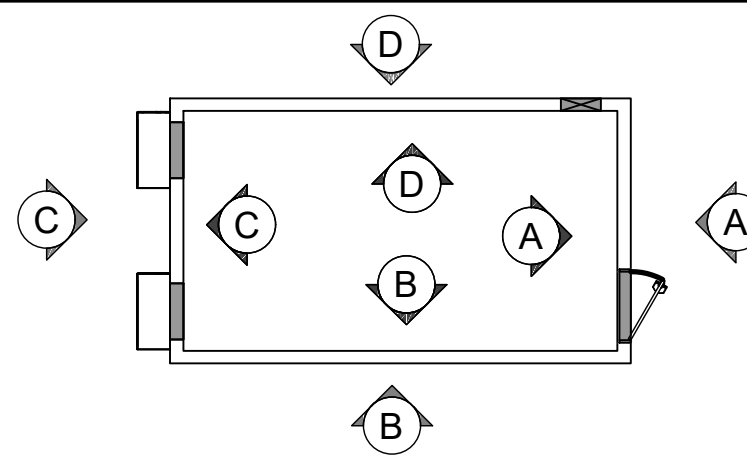
**PUNCH BLOCK
ALARM DETAILS**

SHEET NUMBER

E-2

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CELLSITE SHELTER KEY



NOTES:
 1. ALL METALLIC OBJECTS SHALL BE BONDED TO THE GROUND SYSTEM.
 2. PROVIDE BONDING JUMPER ACROSS STEEL STRUCTURAL CONNECTIONS WHERE FASTENER IS LESS THAN 1/2 INCH DIAMETER.
 3. ALL WORK SHALL COMPLY WITH NEC AND SUBSTATION DESIGN STANDARDS.

APPLICANT



ENGINEER



SITE INFORMATION

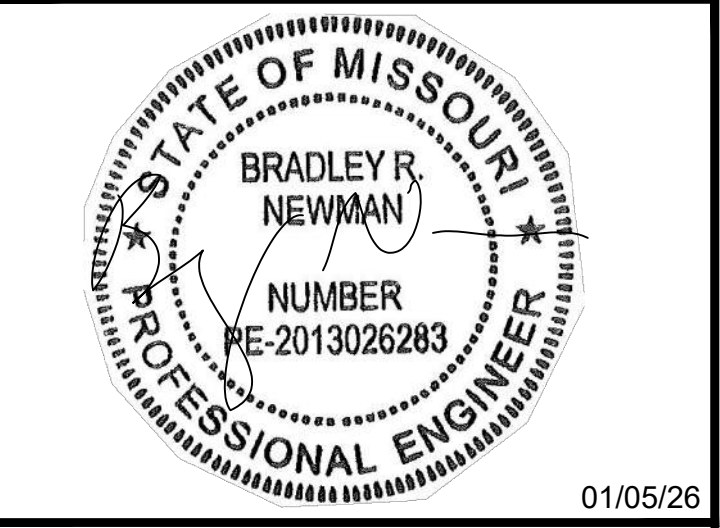
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 LEES SUMMIT, MO 64081
 JACKSON COUNTY

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PROFESSIONAL STAMP



ENGINEER

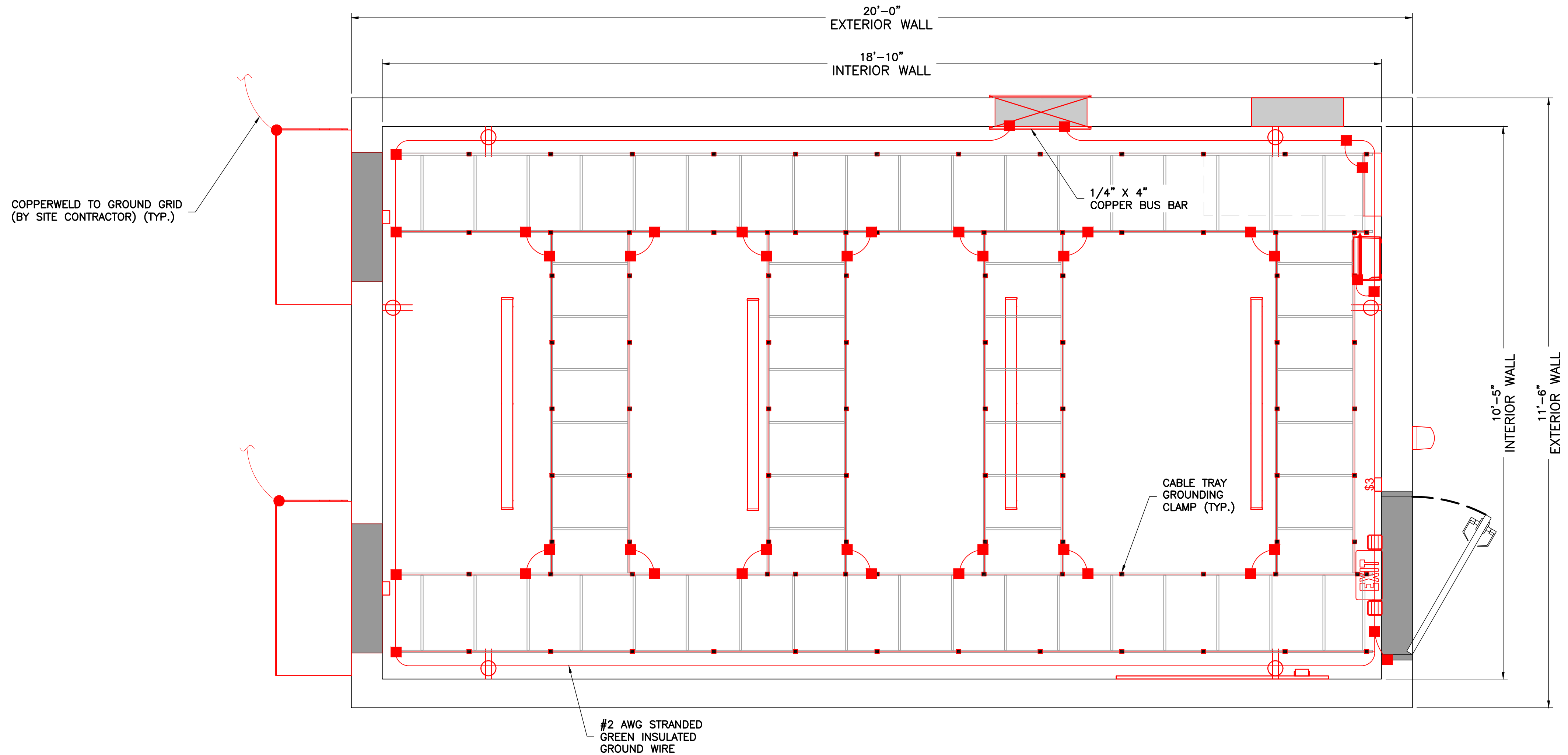
BRAD R. NEWMAN, P.E.
 STATE OF MISSOURI
 PROFESSIONAL ENGINEER
 LICENSE #2013026283

SHEET TITLE

**FLOOR PLAN -
 SHELTER
 GROUNDING**

SHEET NUMBER

G-1

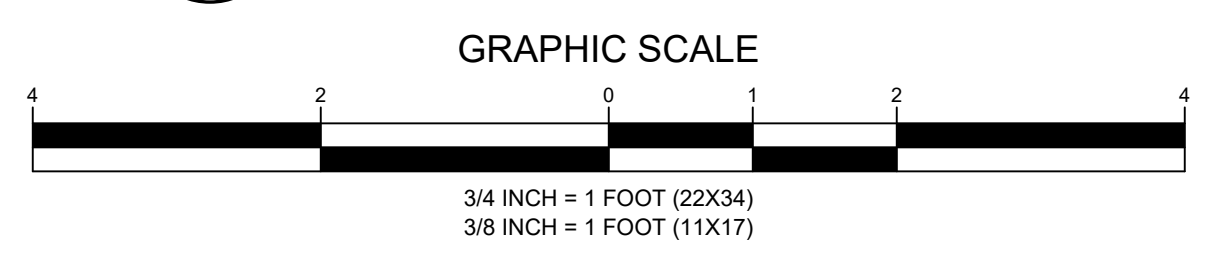


GROUNDING LEGEND

- COAXIAL CABLE SHIELD GROUND KIT CONNECTION
- COMPRESSION FITTING CONNECTION
- EXOTHERMIC WELD CONNECTION
- 5/8"X10' COPPER-CLAD STEEL GROUND ROD
- 5/8"X10' COPPER-CLAD STEEL GROUND ROD WITH INSPECTION WELL
- PROPOSED GROUND WIRING
- EXISTING GROUND WIRING
- TINNED COPPER GROUND BAR 1/4"X4"X12" OR 1/4"X4"X20"
- CGB COLLECTOR GROUND BAR
- MGB MAIN GROUND BAR

1 EQUIPMENT GROUNDING PLAN

SCALE: 3/4" = 1' (22X34)
 SCALE: 3/8" = 1' (11X17)



Product data sheet
Characteristics

QO142M200P
Load center, QO, 1 phase, 42 spaces, 52 circuits, 200A convertible main breaker, PoN, NEMA1

Main	
Marketing Trade Name	QO
Product Type	Load Center
Cover Type	Order separately

Complementary	
Tightening Torque	Cover 20 lb.in
PoN Convertible Mains (lugs)	PoN Convertible Mains (breaker)
Rated Current	200 A
Number of Spaces	42
Max Short Circuit Current Rating	22 kA
Maximum Number of Single Pole Circuits	52
Maximum Number of Tandem Breakers	10
Number of Phases	1 phase 3 wires
Voltage Rating	120/240 V AC
Wire Size	AWG 4...300 kcmil aluminium/copper
Ground Bar	Grounding bar (ordered separately)
Electrical Connection	Lugs
Busbar Material	Tin plated copper: busbar
Enclosure Material	Welded sheet steel
Surface Finish	Baked enamel Gray
Box Number	11
Height	38.0 in (965 mm)
Width	14.3 in (362 mm)

Environment	
Enclosure Rating	NEMA 1 indoor enclosure
Ambient Air Temperature for Operation	23 °F (-5 °C) 104 °F (40 °C)
Product Certifications	UL Listed

Ordering and shipping details	
Category	US1DE3A10001
Discount Schedule	DE3A
GTIN	785901324386
Returnability	Yes
Country of origin	MX

Nov 30, 2024



1

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Packing Units	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.30 in (10.922 cm)
Package 1 Width	14.80 in (37.592 cm)
Package 1 Length	38.70 in (98.298 cm)
Package 1 Weight	22.350 lb(US) (10.138 kg)
Unit Type of Package 2	PAL
Number of Units in Package 2	27
Package 2 Height	40.00 in (101.600 cm)
Package 2 Width	42.00 in (106.680 cm)
Package 2 Length	48.00 in (121.920 cm)
Package 2 Weight	655.0005 lb(US) (297.103 kg)

Offer Sustainability	
Packaging without single use plastic	No
Packaging made with recycled cardboard	No
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REaCh Regulation	REaCh Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations
Take-back	No
Carbon footprint (kg CO2 eq, Total Life cycle)	78

Contractual warranty	
Warranty	18 months

2



APPLICANT



ENGINEER

NB+C
TOTALLY COMMITTED.

NB+C ENGINEERING SERVICES, LLC.
120 EASTSHORE DRIVE, SUITE 300
GLEN ALLEN, VA 23059
(804) 548-4079

SITE INFORMATION

LEES SUMMIT
NB+C PROJECT #: 101210
LEES SUMMIT ROAD
LEES SUMMIT, MO 64081
JACKSON COUNTY

DESIGN RECORD

REVISIONS				
REV	DATE	DESCRIPTION	BY	
1	01/05/26	COMMENTS	OCC	
0	11/04/25	FINAL CDS	GS	
B	10/28/25	COMMENTS	OCC	
A	10/24/25	PRELIMINARY CDS	GS	

PROFESSIONAL STAMP

ENGINEER

BRADLEY R. NEWMAN, P.E.
STATE OF MISSOURI
PROFESSIONAL ENGINEER
LICENSE #2013026283

SHEET TITLE

**LOAD CENTER
DETAIL**

SHEET NUMBER

D-1



Keeping Your Power Online

AC Surge Protector SPD APEX IMAX Panel 120/240 Vac
Split-Phase MOV 160 kA, UL 1449 5th Ed. Type 2



1101-808-MM-1

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
VPR 8/20 μ s				
L - N			700	Vpk
Response Time			25	ns
SCCR (Short Circuit Current Rating)		65		kAIC

Mechanical Specifications

Size	
Height	12.5 in [317.5 mm]
Width	10.5 in [266.7 mm]
Depth	6.5 in [165.1 mm]
Weight	14 lbs [6.35 kg]
Housing Material and Plating	Fiberglass

Environmental Specifications

Temperature Range (Operational)	-40 to +75 deg C
Temperature Range (Storage)	-40 to +75 deg C
Environmental Protection Rating	NEMA 4
Humidity	90% non-condensing

Installation

Mount Type	Panel
Service Wiring Terminal	#4 to #1/0 AWG
Status Indication Terminal	#14 to #22 AWG

Compliance Certifications

UL Compliant	Yes
Certifications	UL 1449 5th Ed. NOM

Transtector Systems specializes in protection of highly sensitive, low voltage equipment through its patented, non-degrading silicon diode technology and custom filters. Our power quality expertise translates into a diverse product offering including AC, DC, and signal applications as well as integrated cabinets, power distribution panels and EMP hardened devices.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [AC Surge Protector SPD APEX IMAX Panel 120/240 Vac Split-Phase MOV 160 kA, UL 1449 5th Ed. Type 2 1101-808-MM-1](https://www.transtector.com/ac-surge-protector-spd-apex-imax-panel-1101-808-mm-1-p.aspx)

URL: <https://www.transtector.com/ac-surge-protector-spd-apex-imax-panel-1101-808-mm-1-p.aspx>

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to implement improvements. Transtector reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Transtector does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Transtector does not assume liability arising out of the use of any part or document.

APPLICANT



ENGINEER



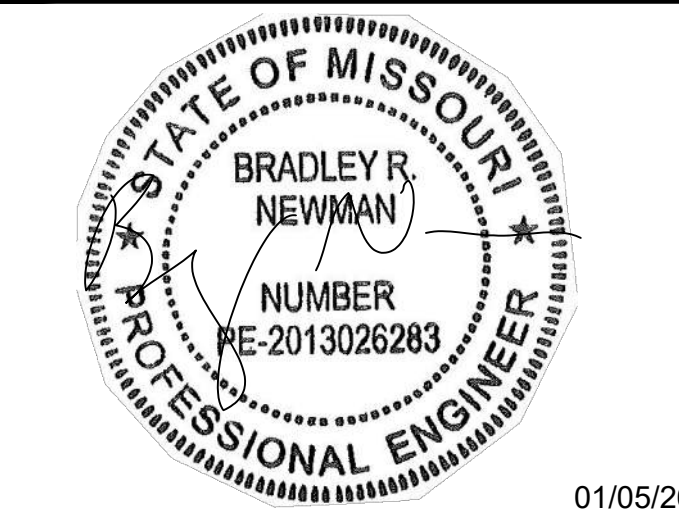
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LEES SUMMIT, MO 64081
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PROFESSIONAL STAMP



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BRAD R. NEWMAN, P.E.
STATE OF MISSOURI
PROFESSIONAL ENGINEER
LICENSE #2013026283

SHEET TITLE

**AC SURGE
SUPPRESSOR DETAIL**

SHEET NUMBER

D-2

BARD WALL-MOUNT™ Air Conditioners 1.5 - 6 Ton Capacity W18A - W72A Models 208V - 460V 60hz

**11EER W18A-W60A Series WALL-MOUNT™
11EER W18L-W36L Series WALL-MOUNT™
10EER W72A Series WALL-MOUNT™**

The Bard Wall-Mount Air Conditioner is an energy efficient self contained system, which is designed to offer maximum indoor comfort at a minimal cost without using valuable indoor floor space or outside ground space. This unit is the ideal product for versatile applications such as: new construction, modular offices, school modernization, telecommunication structures, portable structures, correctional facilities and many more. Factory or field installed accessories are available to meet specific job requirements for your unique application.

- Complies with efficiency requirements of ANSI/ASHRAE/IES 90.1-2019.
- Certified to AHRI Standard 390-2021 for SPVU (Single Package Vertical Units).
- Intertek ETL Listed to Standard for Safety Heating and Cooling Equipment ANSI/UL 1995/CSA 22.2 No. 236-05 Fourth Edition.
- Commercial Product - Not intended for residential applications.
- Bard is an ISO 9001:2015 Certified Manufacturer.
- The AHRI Certified® mark indicates Bard Manufacturing Company participation in the AHRI Certification program. For verification of individual certified products, go to www.ahridirectory.org.



Climate Control Solutions

BARDHVAC.COM

FORM NO. S3583-0723



/////// Cabinet and Clearance Dimensions - W18L to W36L Left Side Control Panel Units

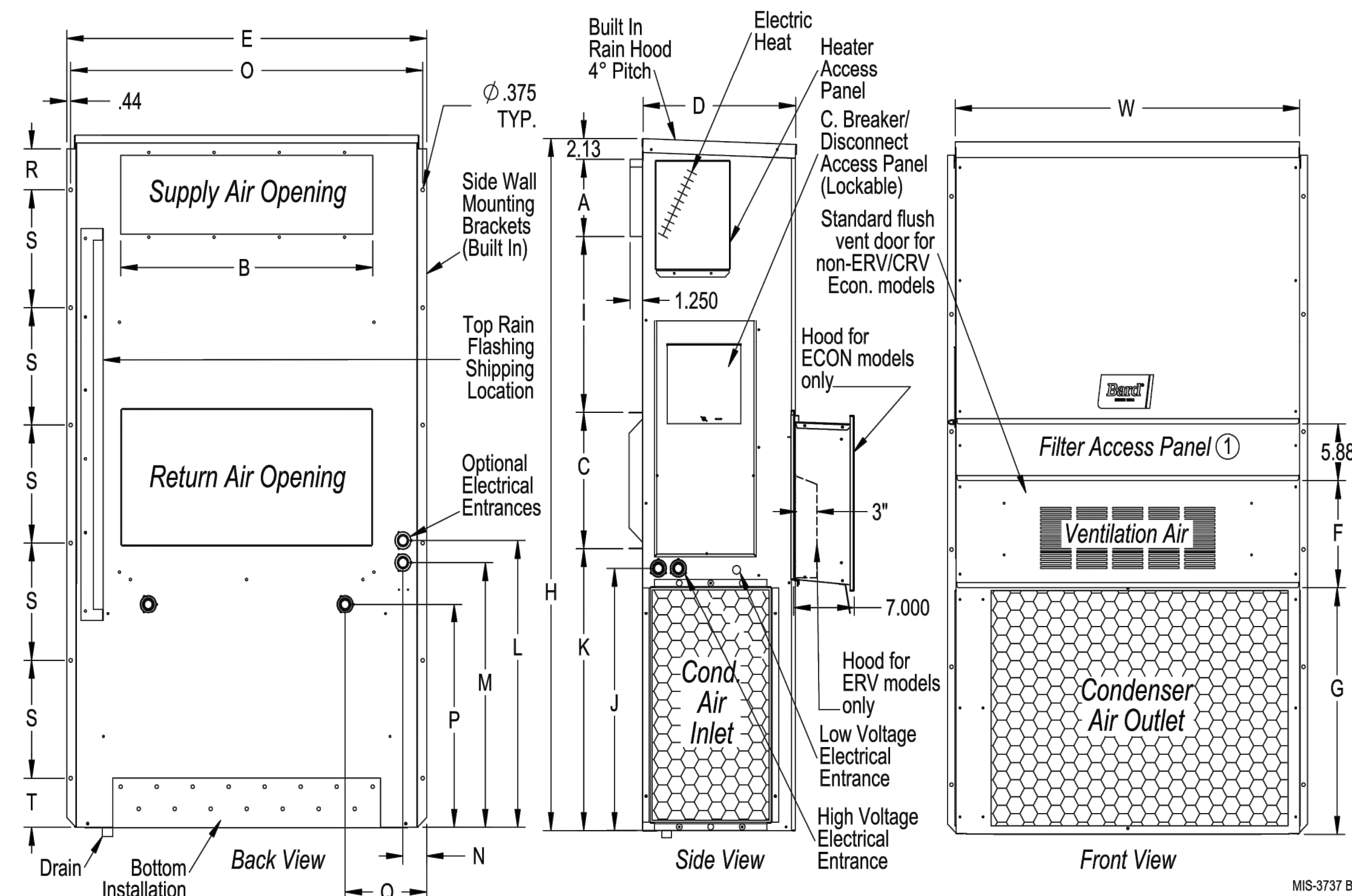
CLEARANCES REQUIRED FOR SERVICE ACCESS AND ADEQUATE CONDENSER INLET AIRFLOW		
MODELS	LEFT SIDE	RIGHT SIDE
W18LB, W24LB, W30LB, W36LB	20"	15"

- NOTE:** For side-by-side installation of two (2) WL models, there must be 20" between units. This can be reduced to 15" by using a WL model (left side compressor and controls) for the left unit and WA (right side compressor and controls) for right unit.
- 1.) Follow all national, state, and local codes and regulations regarding the installation of heating and cooling equipment regarding Single Packaged Vertical Units (SPVU) including electrical access clearances.
 - 2.) Field ventilation installation with the unit installed requires 40" on the left or right side of the unit.
 - 3.) Bard recommends a minimum of 10 ft. between the unit front condenser air outlet and solid objects including fences, walls, bushes, and other airflow obstructions.
 - 4.) Bard recommends a minimum of 15 ft. between the condenser air outlets of 2 units that are facing each other.

MINIMUM CLEARANCES REQUIRED TO COMBUSTIBLE MATERIALS		
MODELS ①	SUPPLY AIR DUCT FIRST THREE FEET	CABINET
W18LB, W24LB	0"	0"
W30LB, W36LB	1/4"	0"

① Refer to the Installation Manual for more detailed information.

DIMENSIONS OF W18-36L BASIC UNIT FOR ARCHITECTURAL & INSTALLATION REQUIREMENTS (NOMINAL)																						
MODEL	WIDTH (W)	DEPTH (D)	HEIGHT (H)	SUPPLY		RETURN																
				A	B	C	B	E	F	G	I	J	K	L	M	N	O	P	Q	R	S	T
W18LB W24LB	33.300	17.125	74.563	7.88	19.88	11.88	19.88	35.00	10.88	29.75	20.56	30.75	32.06	33.25	31.00	2.63	34.13	26.06	10.55	3.94	12.00	9.00
W30LB W36LB	38.200	17.125	74.563	7.88	27.88	13.88	27.88	40.00	10.88	29.75	17.93	30.75	32.75	33.25	31.00	2.75	39.13	26.75	9.14	3.94	12.00	9.00



11EER WA SERIES WALL-MOUNT™

PAGE 41 OF 45



FORM NO. S3583-0723 • SUPERSEDES 0323

APPLICANT



ENGINEER



NB+C ENGINEERING SERVICES, LLC.
120 EASTSHORE DRIVE, SUITE 300
GLEN ALLEN, VA 23059
(804) 548-4079

SITE INFORMATION

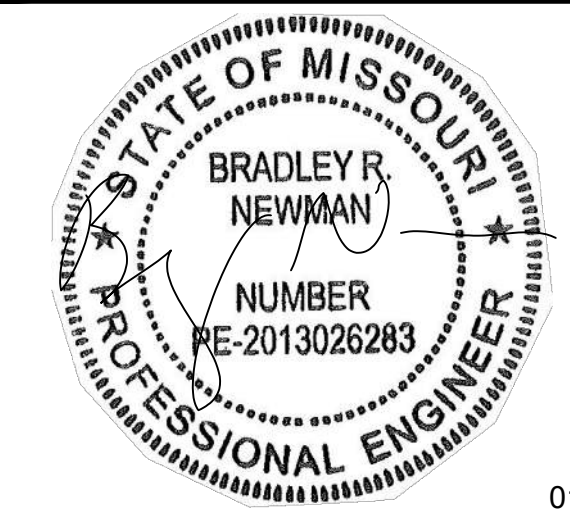
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NB+C PROJECT #: 101210
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LEES SUMMIT, MO 64081
JACKSON COUNTY

DESIGN RECORD

REVISIONS

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A	10/24/25	PRELIMINARY CDS	GS

PROFESSIONAL STAMP



01/05/26

ENGINEER

BRAD R. NEWMAN, P.E.
STATE OF MISSOURI
PROFESSIONAL ENGINEER
LICENSE #2013026283

SHEET TITLE

HVAC DETAIL

SHEET NUMBER

D-3



FEATURES & SPECIFICATIONS

INTENDED USE — Available in several color temperatures, lumen packages and lengths. Ideal for use in commercial, retail, office, warehouse and display applications. **Certain airborne contaminants can diminish integrity of acrylic and/or polycarbonate.** [Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.](#)

Certain airborne contaminants may adversely affect the functioning of LEDs and other electronic components, depending on various factors such as concentrations of the contaminants, ventilation, and temperature at the end-user location. [Click here for a list of substances that may not be suitable for interaction with LEDs and other electronic components.](#)

CONSTRUCTION — Compact-design channel and cover are formed from code compliant, 22 gauge cold-rolled steel.

SENSOR SWITCH JUST ONE TOUCH TECHNOLOGY — Single room control wireless technology available for easy install and commissioning to aid in code compliance. The JOT option enables the fixture with Just One Touch pairing capability. The JOTVTX15 option features a luminaire-embedded occupancy and ambient light sensor allows the luminaire to power off when the space is unoccupied or when enough ambient light is entering the space.

SENSOR SWITCH VISIBLE LIGHT PROGRAMMING TECHNOLOGY — Standalone sensor programming via VLP mobile app and smart device's camera flash from up to 8ft away.

FINISH — High-gloss, baked white enamel (standard).

OPTICS — LEDs provide 80+ color rendering index (CRI) at 3500K, 4000K and 5000K. Diffuse acrylic lens with ultra-sonically welded end caps provides smooth, linear illumination.

ELECTRICAL — Luminaire Surge Protection Level: Designed to withstand up to 2.5kV/0.75kA per ANSI C82.77-5-2015. For applications requiring higher level of protection additional surge protection must be provided.

Driver is standard 0-10V dimming class 2.

Optional internal pluggable wiring harness for reduced labor cost in row mounting applications. (See PLR_ordering information on page 5.)

INSTALLATION — Fixture may be surface or suspension mounted with appropriate mounting options (see accessories). Easy to install row aligner bracket included for continuous row mounting.

LISTINGS — CSA certified to US and Canadian safety standards and listed suitable for damp locations. Minimum starting temperature of -40°F (-40°C). Maximum ambient operating temperature of 104°F (40°C) for 4ft models and 95°F (35°C) for 8ft models. See notes for controls temperature restrictions.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

WARRANTY — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

Catalog Number
Notes
Type



LED Strip Light

CSS



A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® or XPoint™ Wireless control networks marked by a shaded background*

To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details

CSS LED Strip Light



Looking for Contractor Select readily available configurations? Click here to visit Contractor Select™ spec sheet or go to www.contractorselect.com

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative. **Example:** CSS L96 ALO4 MVOLT SWW3 80CRI

Series	Length	Lumen Output	Voltage	Color temperature	Color rendering index
CSS Contractor Single Strip LED	L48 48"	4000LM 4000 Lumens ‡ ALO3 Switchable lumens, 3000LM / 4000LM / 5000LM	MVOLT 120-277V 347 347V ‡	35K 3500K ‡ 40K 4000K ‡ 50K 5000K ‡ SWW3 Switchable white, 35K / 40K / 50K	80CRI 80 CRI
	L96 96"	8000LM 8000 Lumens ‡ ALO4 Switchable lumens, 6000LM / 8000LM / 10000LM			

Options	
Emergency Battery: ‡	VLP Enabled Controls: ‡
IE7WCP Emergency battery pack, 7W, CA Title 20 Noncompliant	VTX15FADC Vertex sensor with Visible Light Programming; On/Off Occupancy with Auto Dimming Photocell (default)
IE10WCPHE Emergency battery pack, 10W, Certified in CA Title 20 MAEDBS	VTX15FANL Vertex sensor with Visible Light Programming; High/Low(Off) Occupancy Dimming with Auto Dimming Photocell (default)
Plug-in Wiring: ‡	Individual Controls: ‡
PLR Plug-in wiring, see page 5 for ordering information	SFR30CSS Factory installed 360°, large motion, high bay sensor, SFR 30
PLR1LVG Plug-in wiring, low voltage dimming	SFR7CSS Factory installed 360°, small motion, low bay sensor, SFR 7 ‡
JOT Enabled Wireless Controls: ‡	Wire Guard (ships separately):
JOT Wireless room control with "Just One Touch" pairing	WG Wire Guard ‡
JOTVTX15 Wireless occupancy sensor with "Just One Touch" pairing	

NOTE: ‡ indicates option chosen has ordering restrictions. Please reference ordering restrictions chart.

Accessories: Order as separate catalog number.	
HC36 M12	Hanger chain, 36" (1 pair)
ZACVH M100	Adjustable 10' aircraft cable with Y hanger (1 pair)
SQ	Swivel stem hanger (specify length in 2" increments up to 48")
rPP20D	nLight™ air dimming/switching module
SFR30CSS	Field installed 360°, large motion, high bay sensor, SFR 30 ‡
SFR7CSS	Field installed 360°, small motion, low bay sensor, SFR 7 ‡
Y J10	Y hanger in multiples of 10 (five pair)
WGCSS	Wire Guard with Mounting hardware (one 4ft)
MNLK JBOXCVR M12	Junction box cover and hardware, white

‡ Option Value Ordering Restrictions	
Option value	Restriction
35K, 40K, 50K	Not available with ALO lumen packages.
4000LM, 8000LM	Not available with SWW3.
Emergency Battery	Not available with 347V or PLR
JOT Enabled Controls	Not available with ALO3, ALO4, 347V or SWW3. Minimum starting temp of 14°F (-10°C). Maximum operating temp of L48 at 95°F (35°C) & L96 at 86°F (30°C). Controls contained in endcap.
VLP Enabled Sensors	Not available with ALO3, ALO4, 347V or SWW3. See page 5 for default programming and coverage pattern information. Sensors contained in endcap.
SFR Sensors	Not available with 347V. Can only be mounted at the end of continuous row mount applications. On/off function only. Minimum starting temp of 14°F (-10°C). Sensors mount to end of fixture.
Wire Guard	Does not cover SFR controls. Not recommended for use with endcap integrated JOT or VLP enabled controls due to potential detection obstruction.
PLR __ & PLR1LVG	Not available with Emergency or Controls

ACCESSORY BATTERY PACKS - SUITABLE FOR FIELD INSTALLATION

are ***Remote mount outside the fixture.***

Battery Part Number	CA Title 20	Self Diagnostics
ILB CP10 A	No	No
ILB CP10 HE A	Yes	No
ILBLP CP10 HE SD A	Yes	Yes
LEMO4 A	Yes	No
LEMO8 A	Yes	No

How to Estimate Delivered Lumens in Emergency Mode
Use the formula below to estimate the delivered lumens in emergency mode
Delivered Lumens = 1.25 x P x LPW
P = Output power of emergency driver. P = 10W for IE10WCPHE
LPW = Lumen per watt rating of the luminaire. This information is available on the ABL luminaire spec sheet.
The LPW rating is also available at Designlight Consortium.



LITHONIA-CSS-STRIP-LED

APPLICANT



ENGINEER



NB+C ENGINEERING SERVICES, LLC.
120 EASTSHORE DRIVE, SUITE 300
GLEN ALLEN, VA 23059
(804) 548-4079

SITE INFORMATION

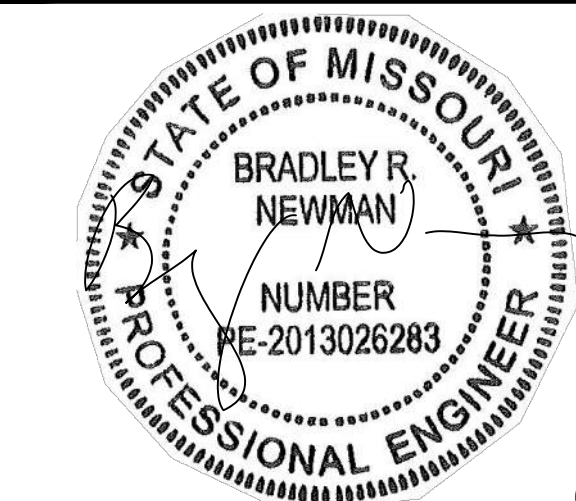
LEES SUMMIT
NB+C PROJECT #: 101210
LEES SUMMIT ROAD
LEES SUMMIT, MO 64081
JACKSON COUNTY

DESIGN RECORD

REVISIONS

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PROFESSIONAL STAMP



01/05/26

ENGINEER

BRAD R. NEWMAN, P.E.
STATE OF MISSOURI
PROFESSIONAL ENGINEER
LICENSE #2013026283

SHEET TITLE

INTERIOR LED
LIGHT DETAIL

SHEET NUMBER

D-4



MODEL :		TYPE
PROJECT :		
PREPARED BY :	DATE :	

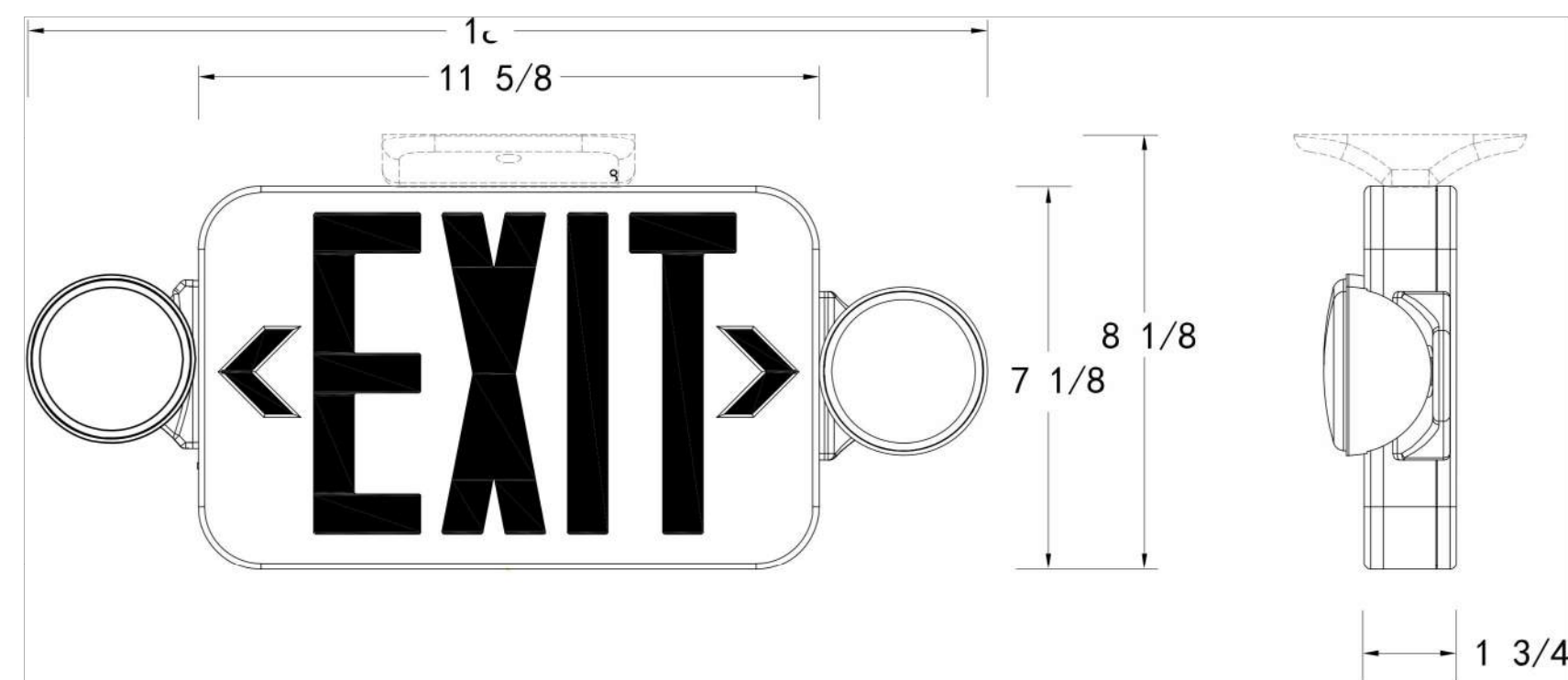
SERIES SPECIFICATIONS

LXPC SERIES

The LXPC series thermoplastic LED exit sign and emergency lighting combination unit that offers long lamp life, energy efficiency and uniform illumination with round LED light heads.



LINE DRAWING



CONSTRUCTION

Housing
Injection molded, engineering grade, UV-stabilized, UL94-0, high impact resistant thermoplastic

Transfer switch
Internal solid-state transfer switch automatically connects the internal battery to lamp heads

Chevrons
Easy snap out chevron directional indicators

Remote Capacity*
3.44W

Illumination
Two LED lamp heads with long life Red or Green LED letters.

Charger
Fully automatic solid-state, two rate charger initiates battery charging to recharge a discharged battery in 24 hours.

Remote Compatibility*
LSRH1 and LSRH2 - 3.6 Series

APPLICATION AND PERFORMANCE SPECIFICATION INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTIFICATION
11675 SW TOM MACKIE BLVD. | PORT ST. LUCIE, FL 34987 | PH: 772.878.4944 | TAMLITEUSA.COM



MODEL :		TYPE
PROJECT :		
PREPARED BY :	DATE :	

ELECTRICAL SPECIFICATIONS

Battery Type
Rechargeable NiCad

Low Voltage Disconnect
Prevents battery from deep discharge

Operating Voltage
120/277

Emergency Illumination
Minimum 90 Minutes

LED Indicator
Charge rate/power "ON" and push to test switch

Battery Recharge Time
24 Hours

Battery Discharge Time
1.5 Hours

AMPERAGE/WATTAGE

CATALOG NUMBER	INPUT WATTS (W)		INPUT AMPS (A)	
	120V	277V	120V	277V
LXPC-RED	5.0	4.8	0.044	0.017
LXPC-GREEN	3.9	3.9	0.032	0.015

MOUNTING SPECIFICATIONS

Surface mount via "easy connect" backplate, which fits most standard junction boxes

Snaps into place making internal electrical connections

Conduit mounts using knockouts on the backplate or on top of the housing

Suitable for wall or ceiling mount

Options

SD
Self-diagnostic test feature continually diagnoses unit's performance and tests system to ensure reliable operation and to meet electrical and life safety codes (Available in RC and HL versions)

HL
Two high-lumen LED lamp heads

RC
Remote capable option will run two LED remote heads for 90 minutes.

APPLICATION AND PERFORMANCE SPECIFICATION INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTIFICATION
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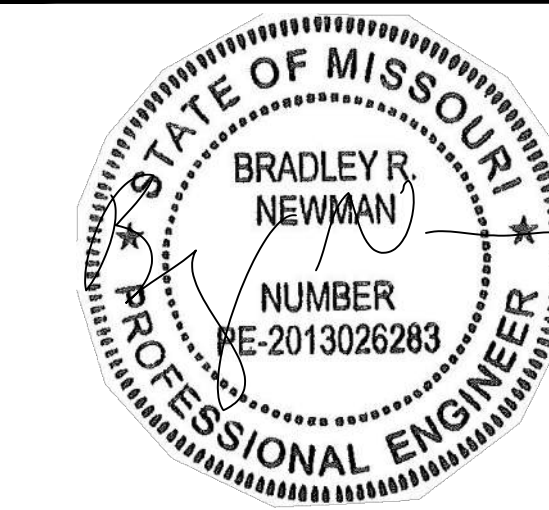
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PROFESSIONAL STAMP



ENGINEER

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STATE OF MISSOURI
PROFESSIONAL ENGINEER
LICENSE #2013026283

SHEET TITLE

EXIT - EMERGENCY LIGHT DETAIL

SHEET NUMBER

D-5