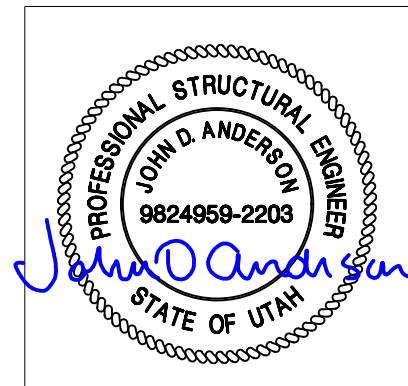


**BUILDING NUMBER: 49174**

**DESIGN: D11401**

**FINISH SCHEDULE**

NO FINISH SCHEDULE REQUIRED.  
BUILDING SHALL HAVE STANDARD EXPOSED AGGREGATE FINISH.



REV.	BY	DATE	REVISION	APP.

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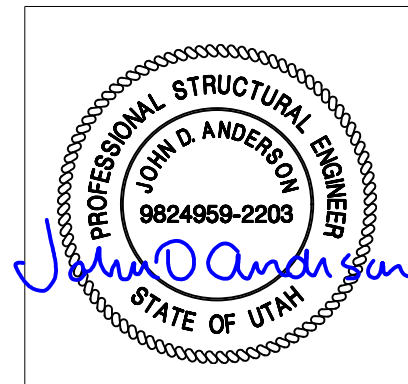
1300 DAVENPORT DRIVE, MINDEN, LA 71055 ph. (800) 824-2614 www.fibrebond.com		<b>FIBREBOND</b>			
ALL WEST COMMUNICATIONS		ISSUED FOR: <b>*APPROVAL A.01*</b>			
12' - 0" X 16' - 0" BUILDING		APPROVALS IN PDM DATABASE			
BUILDING COVERSHEET		THIRD ANGLE PROJECTION			
DRN. BY: <b>GD</b>	DATE: 21-DEC-2020	APP. BY: <b>PM</b>	DATE:	SCALE NTS	SHEET NO.: <b>49174</b>
CHK. BY: <b>JC</b>	DATE:	APP. BY:	DATE:	SIZE <b>B</b>	DWG NO.: <b>D11401</b>

**INDEX OF SHEETS**

SHEET#	DESCRIPTION	REV.	SHEET#	DESCRIPTION	REV.
1-0	INDEX OF SHEETS	A.01	3-3	ELEVATION, INTERNAL, WALL-B, GROUNDING	A.01
1-1	MANUFACTURED BUILDING DATA SHEET	A.01	3-4	ELEVATION, INTERNAL, WALL-C, GROUNDING	A.01
1-2	BUILDING WEIGHT, C.G, LIFTING, STORAGE & TRANSPORTATION	A.01	3-5	ELEVATION, INTERNAL, WALL-D, GROUNDING	A.01
1-3	BUILDING NOTES	A.01	3-6	HALO GROUNDING DETAILS	A.01
2-1A	BUILDING INSULATION DETAILS	A.01	4-1	FOUNDATION PLAN	A.01
2-1	FLOOR PLAN	A.01	5-1	ELECTRICAL SCHEMATIC #1	A.01
2-2	ELEVATION, EXTERNAL, WALL-A	A.01	5-2	ELECTRICAL SCHEMATIC #2	A.01
2-3	ELEVATION, EXTERNAL, WALL-B	A.01	5-3	ALARM WIRING SHEET #1	A.01
2-4	ELEVATION, EXTERNAL, WALL-C	A.01	6-1	STRUCTURAL LAYOUT, ROOF	A.01
2-5	ELEVATION, EXTERNAL, WALL-D	A.01	6-2	STRUCTURAL LAYOUT, FLOOR	A.01
2-6	ELEVATION, INTERNAL, WALL-A	A.01	6-3	STRUCTURAL LAYOUT, SIDE PANEL-A	A.01
2-7	ELEVATION, INTERNAL, WALL-B	A.01	6-4	STRUCTURAL LAYOUT, END PANEL-B	A.01
2-8	ELEVATION, INTERNAL, WALL-C	A.01	6-5	STRUCTURAL LAYOUT, SIDE PANEL-C	A.01
2-9	ELEVATION, INTERNAL, WALL-D	A.01	6-6	STRUCTURAL LAYOUT, END PANEL - D	A.01
2-10	CEILING VIEW, ELECTRICAL	A.01	6-7	STRUCTURAL ROOF SECTION DETAILS	A.01
2-11	CEILING VIEW, CABLE RACK, FIBER RACK	A.01	6-8	STRUCTURAL FLOOR SECTION DETAILS	A.01
2-11.1	CABLE RACK & FIBER RACK DETAILS	A.01	6-9	STRUCTURAL WALL SECTION DETAILS	A.01
3-1	CEILING VIEW, GROUNDING	A.01	6-10	STRUCTURAL MISC. DETAILS	A.01
3-2	ELEVATION, INTERNAL, WALL-A, GROUNDING	A.01	8-1 & 8-2	BILL OF MATERIALS	A.01

**REFERENCED DRAWINGS:**

DWG NO	REV	SHEET DESCRIPTION
ELEC-0103	0	ICM T-STAT - MARVAIR A/C UNIT W/ OR W/O ECONOMIZERS
MECH-0005	4	STANDARD CABLE RACK MOUNTING DETAILS



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				ALL WEST COMMUNICATIONS		ISSUED FOR: <b>*APPROVAL A.01*</b>	
				12' - 0" X 16' - 0" BUILDING		APPROVALS IN PDM DATABASE	
				INDEX OF SHEETS		THIRD ANGLE PROJECTION	
DRN. BY: GD	DATE: 19-NOV-2020	APP. BY: PM	DATE:	SCALE NTS	SHEET NO: 1-0		
CHK. BY: JC	DATE:	APP. BY:	DATE:	SIZE B	DWG NO.: D11401		

REV.	BY	DATE	REVISION	APP.

**GENERAL DESIGN NOTE**

- 1 This is an unmanned storage and equipment shelter only.
- 2 Shelter f'c = 5000psi @ 28 days.
- 3 Per IBC 2012 Table 705.8 any wall w/10% or less of unprotected openings may utilize a setback greater than 5'-0". Any wall w/15% or less of unprotected openings may utilize a setback greater than 10'-0". Any wall w/25% or less of unprotected openings may utilize a setback greater than 15'-0". Any wall w/45% or less of unprotected openings may utilize a setback greater than 20'-0". Any wall w/70% or less of unprotected openings may utilize a setback greater than 25'-0".
- 4 All items noted as "FIELDWORK" shall be installed and tested at the factory then removed for transport and reinstalled at the final site.
- 5 Model may be built as "mirror image".
- 6 Door swing and waveguide location may change due to site requirements.
- 7 Building shall be placed on a foundation supplied by others.
- 8 Building not designed for installation in a flood prone area.
- 9 Fire extinguisher installed by others when not supplied by Fibrebond.
- 10 Electrical components shown per customer's design requirements.
- 11 This building does not contain plumbing facilities. Plumbing facilities shall be provided on site subject to the local authority having jurisdiction.

CONCRETE THICKNESS (INCHES)	NON-RATED	1 HOUR	2 HOUR
	2"	2.5"	4"
-ALL VALUES FOR LIGHT WEIGHT CONCRETE -TABLE 719.1(2) - 4-1.1 (IBC 2012) -TABLE 720.1(2) - 4-1.1 (IBC 2012)			

STRUCTURAL DESIGN BY:  
ANDERSON STRUCTURAL GROUP, INC.  
SACRAMENTO, CA  
PHONE: 916-514-9109

**CODE COMPLIANCE NEEDS TO BE PER THE 2018 INTERNATIONAL BUILDING CODE, 2018 IMC, 2018 IFGC AND THE 2020 NATIONAL ELECTRICAL CODE AS ADOPTED AND AMENDED BY THE STATE OF UTAH. PLEASE UPDATE TO SHOW COMPLIANCE AND HAVE THE ENGINEER OF RECORD UPDATE AND DATE HIS SEAL PER STATE STATUTE.**

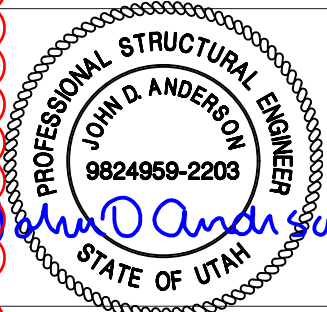
DESIGN CRITERIA:  Non Fire-rated  1 Hour Fire-rated  2 Hour Fire-rated

1. CODES AND STANDARDS:  
2012 INTERNATIONAL BUILDING CODE W/AMENDMENTS

- A. FLOOR
  - 1. LIVE LOAD: 150 psf
- B. ROOF LIVE LOAD
  - 105 psf
- C. SNOW LOAD
  - 1. GROUND SNOW LOAD (PG) = 80 psf
  - 2. SNOW IMPORTANCE FACTOR (Is) = 1.1
  - 3. SNOW EXPOSURE FACTOR (CE) = 1.1
  - 4. FLAT ROOF SNOW LOAD (Pf) = 81 psf
  - 5. THERMAL FACTOR (Ct) = 1.2
- D. WIND LOAD
  - 1. WIND SPEEDS: V<sub>asd</sub> = 120 mph
  - 2. WIND EXPOSURE CATEGORY: C
  - 4. INTERNAL PRESSURE COEFFICIENT: ±0.18

- E. EARTHQUAKE DESIGN DATA
- 1. SEISMIC IMPORTANCE FACTOR (IE): 1.5
  - 2. RISK CATEGORY: IV
  - 3. MAPPED SPECTRAL ACCELERATION PARAMETERS:
    - a. S<sub>s</sub>: 1.00
    - b. S<sub>1</sub>: 0.60
  - 4. SITE CLASS: D
  - 5. DESIGN SPECTRAL RESPONSE ACCELERATION PARAMETERS
    - a. S<sub>ds</sub>: 1.00.
  - 6. SEISMIC DESIGN CATEGORY: D
  - 7. BASIC SEISMIC-FORCE-RESISTING SYSTEM: INTERMEDIATE PRECAST SHEAR WALLS
  - 8. ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE PROCEDURE

FOR ARCHITECT USE ONLY



FOR ENGINEER USE ONLY

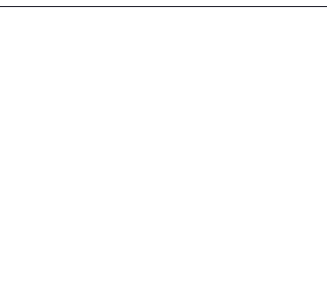
**BUILDING CODE SCHEDULE**

MODEL CODE	EDITION	CONST. TYPE	OCCUPANCY / USER GROUP
<b>UTAH</b>			
INTERNATIONAL BUILDING CODE W/ AMENDMENTS	2012	VB	S-2
INTERNATIONAL MECHANICAL CODE	2012	-	-
NATIONAL ELECTRICAL CODE	2011	-	-
INTERNATIONAL FUEL GAS CODE W/AMENDMENTS	2012	-	-
INTERNATIONAL ENERGY CONSERVATION CODE W/ AMENDMENTS	2009	-	-
AS A COMMERCIAL BUILDING IN ACCORDANCE WITH 2006 IECC SECTION 402.1.2, USE ASHRAE 90.1-07 SECTION 2.3(C) EXEMPTION			

FOR THIRD PARTY USE ONLY

**SPECIAL CONDITIONS/LIMITATIONS**

- 1. SEE GENERAL DESIGN NOTES 1, 2, 3, 5, 6, 7 & 8.
- 2. THE USE OF THIS BUILDING IS NOT APPROVED FOR HAZARDOUS MATERIALS IN EXCESS OF THOSE MATERIALS LISTED IN IBC 2012 TABLE 307.1(1) AND 307.1(2)
- 3. ELECTROLYTES IN BUILDING NOT TO EXCEED 50 GALLONS.



THIRD PARTY AGENCIES

**BUILDING NUMBER :49174**

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ALL WEST COMMUNICATIONS				ISSUED FOR: <b>*APPROVAL A.01*</b>	
12' - 0" X 16' - 0" BUILDING				APPROVALS IN PDM DATABASE	
MANUFACTURED BUILDING DATA SHEET					
DRN. BY: GD	DATE: 27-NOV-2020	APP. BY: PM	DATE:	SCALE NTS	SHEET NO: 1-1
CHK. BY: JC	DATE:	APP. BY:	DATE:	SIZE B	DWG NO.: D11401
REV.	BY	DATE	REVISION	APP.	

**TOTAL WEIGHT OF THE BUILDING : 36,600 lbs (ESTIMATED)**  
**WEIGHT OF THE BUILDING WITHOUT EQUIPMENT: 32,000 lbs (ESTIMATED)**  
**MAXIMUM LOAD AT LIFTING LUG : 12,000 lbs**  
**SHIPPING WEIGHT OF BUILDING: 36,600 lbs (ESTIMATED)**  
**BUILDING MUST BE LIFTED USING ALL LIFTING POINTS**

**SINGLE BUILDING SET UP PROCEDURE:**

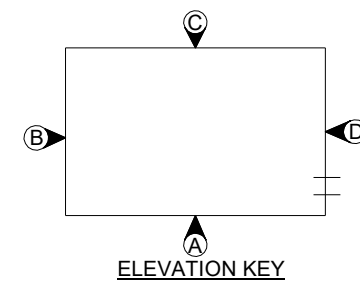
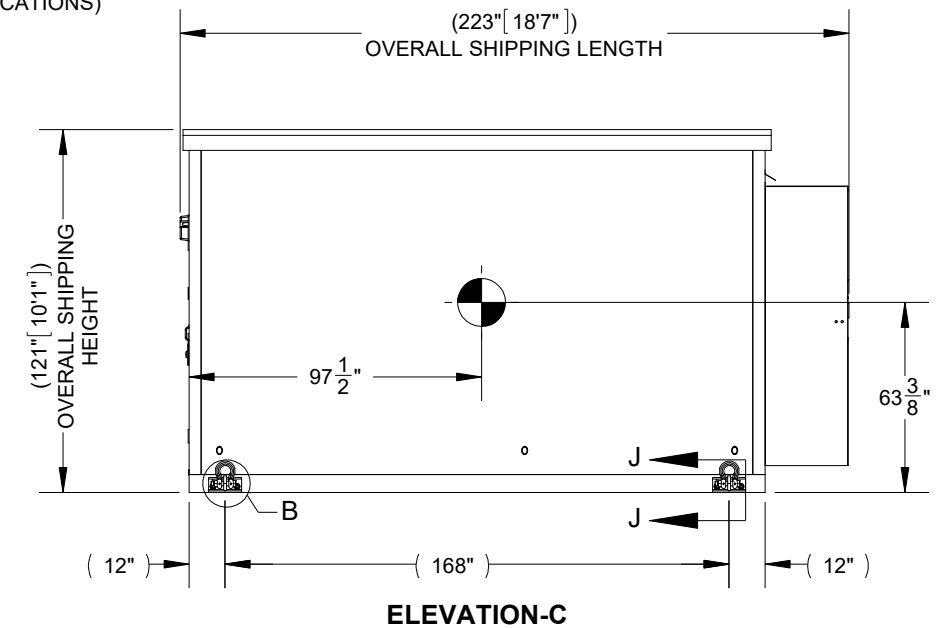
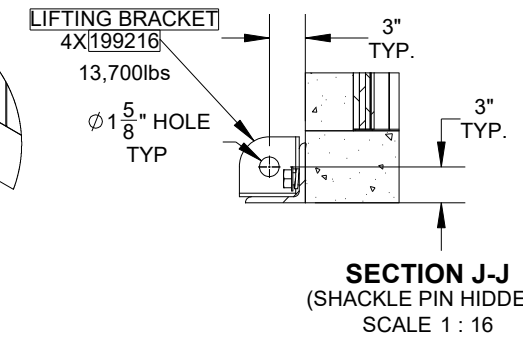
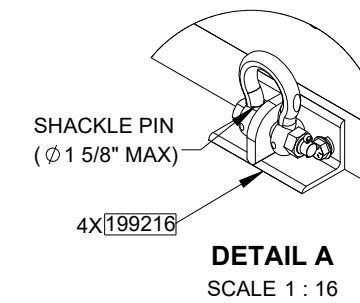
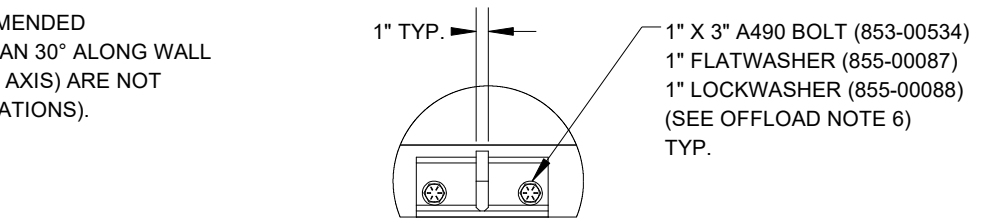
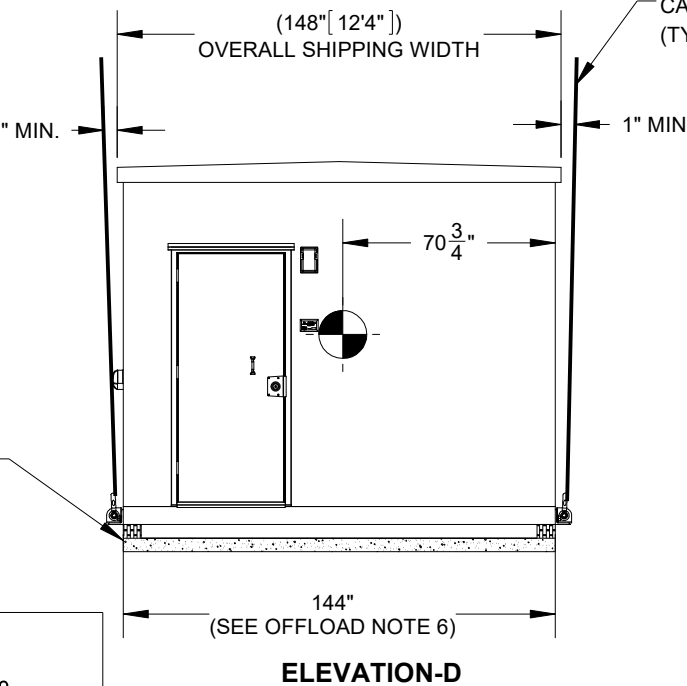
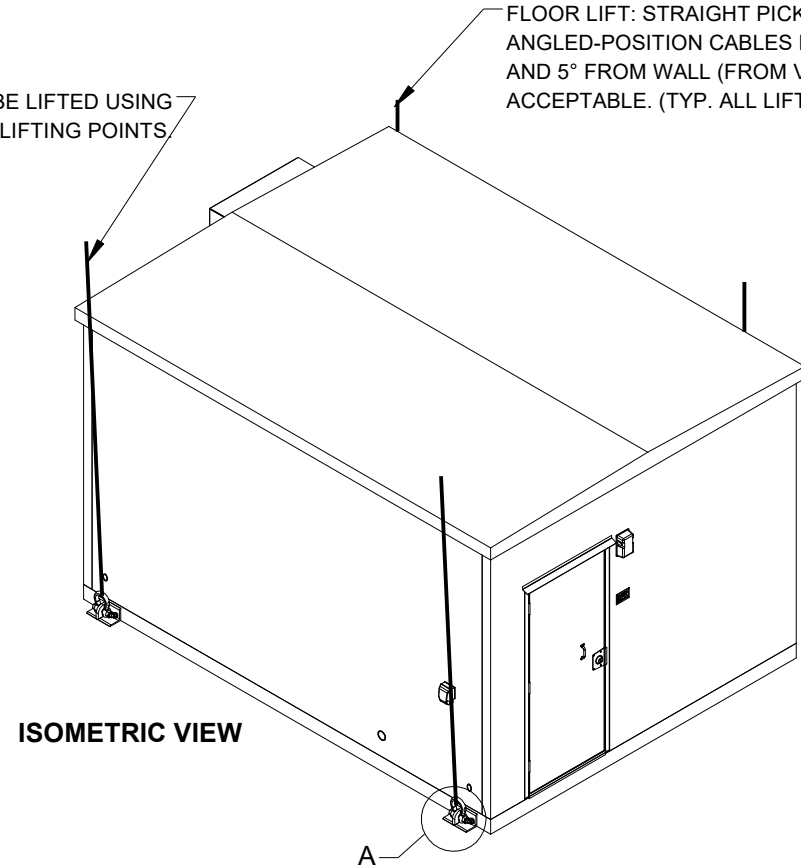
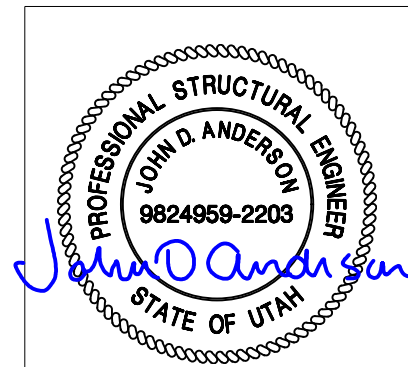
1. INSPECT BUILDING UPON DELIVERY FOR DAMAGE DURING TRANSPORTATION.
2. REMOVE LIFTING BRACKETS FROM SHELTER.
3. CAULK AND GROUT BUILDING.
4. ATTACH TIE DOWN BRACKETS (SHIPPED LOOSE INSIDE SHELTER) TO SHELTER AND FOUNDATION USING ANCHOR BOLTS.
5. INSTALL AND CAULK ALL ACCESSORIES (EXTERIOR LIGHT, CANOPY, ICE SHEILD, VENT HOODS, GROUND BARS, ETC.)
6. INSPECT ROOF AND ROOF EDGE FOR DAMAGE CAUSED BY OFFLOAD AND REPAIR IF NEEDED.
7. CLEAN INTERIOR AND COMPLETE ANY TOUCH UP PAINTING AS NEEDED.
8. CHECK DOOR ALARM (IF APPLICABLE) FOR PROPER OPERATION.
9. CHECK LIGHTING AND AIR CONDITIONING FOR PROPER OPERATION.
10. INSPECT COMPLETE BUILDING FOR COSMETICS & FUNCTION.

**OFFLOAD NOTES:**

1. BUILDING SHALL BE OFFLOADED IN LEVEL
2. ALL CABLES, SHACKLING, SPREADER BARS, ETC. SHALL BE DESIGNED AND SUPPLIED BY OWNER'S CONTRACTOR.
3. ALL LIFTING POINTS SHALL BE USED.
4. 1 5/8" MAXIMUM DIAMETER FOR SHACKLE PIN.
5. OFFLOAD SKID WITH CABLES IN VERTICAL POSITION.
  - a. FLOOR LIFT: STRAIGHT PICK RECOMMENDED ANGLED POSITION CABLES MORE THAN 30° ALONG WALL AND 5° FROM WALL (FROM VERTICAL AXIS) ARE NOT ACCEPTABLE.
6. LIFTING BRACKETS WILL BE REMOVED FOR TRANSPORT. LIFTING BRACKETS WILL NEED TO BE REINSTALLED AT SITE BY OTHERS AND ALL MOUNTING HARDWARE TORQUED TO 140 ft-lbs PRIOR TO LIFTING.

**FIBREBOND NOT RESPONSIBLE FOR RIGGING**  
 THESE ILLUSTRATIONS ARE FOR REFERENCE ONLY. ALL RIGGING EQUIPMENT AND POINTS OF CONNECTION ARE THE RESPONSIBILITY OF THE RIGGER.  
 ALL WEIGHTS ARE ESTIMATED  
 RECOMMENDED THAT THE SPREADER BAR BE 2ft WIDER THAN THE COMPONENT BEING LIFTED AND MINIMUM 4ft ABOVE.

FOR TEMPORARY STORAGE OF BUILDINGS, USE MIN. 6x6 TIMBERS DOWN LENGTH OF BUILDING ONLY; TYPICAL FOR ALL BUILDING DESIGNS



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12' - 0" X 16' - 0" BUILDING				APPROVALS IN PDM DATABASE	
BUILDING WEIGHT, C.G, LIFTING, STORAGE & TRANSPORTATION				THIRD ANGLE PROJECTION	
DRN. BY: GD	DATE: 27-NOV-2020	APP. BY: PM	DATE:	SCALE: 1:64	SHEET NO.: 1-2
CHK. BY: JC	DATE:	APP. BY:	DATE:	SIZE: B	DWG NO.: D11401

**GENERAL ELEVATION NOTES:**


1. ALL ITEMS MARKED FIELD WORK SHALL BE INSTALLED, TESTED, REMOVED & PACKED IN BUILDING PRIOR TO SHIPMENT.
2. ALL DOOR CLOSERS SHALL BE SET TO 90°
3. UNLESS OTHERWISE SPECIFIED, ALL PROJECTED VIEWS ARE THIRD ANGLE PROJECTION.

**CABLE TRAY NOTES:**

- CT1. BOTTOM OF THE CABLE TRAY TO BE MOUNTED 96" ABOVE FINISHED FLOOR
- CT2. ALL CABLE TRAYS MEASUREMENTS ARE ACCURATE WITHIN +/- 1/4"
- CT3. UNISTRUT MEASUREMENTS ARE ACCURATE WITHIN 2" WHEN MOVEMENT IS REQUIRED TO MISS TRIM, CABLE TRAY RUNGS, ETC. CONSIDERATION OF THE PREVIOUS UNISTRUT MOVEMENT SHOULD BE TAKEN INTO ACCOUNT.
- CT4. UNISTRUTS MAY HAVE THEIR MEASUREMENT VARIED BY 16" WITH NO MORE THAN 48" BETWEEN UNISTRUTS. PARAMETERS FOR MOVING THE UNISTRUT ARE AS FOLLOWS: LIGHTS, CONDUIT, ELECTRICAL BOXES, RACEWAYS AND VARIOUS EQUIPMENT MOUNTED ON CABLE RACK THAT ARE IN THE WAY. INCOMPATIBLE PRINT LAYOUTS ARE ALSO A PARAMETER FOR MOVEMENT.
- CT5. CABLE TRAY MAY BE MOVED, IF APPROVED BY ENGINEERING, WHEN ITEMS ALREADY MOUNTED, SUCH AS CONDUIT, BOXES, LIGHTS, WIRE WAY, ETC., INTERFERE WITH THE MEASUREMENT ON THE PRINT.
- CT6. THE POSITIONS FOR THE CABLE TRAY SPLICERS THAT ARE SHOWN ON THE PRINT ARE FOR ILLUSTRATION. THE BEST POSITION SHOULD BE DETERMINED WHEN LAYING OUT THE CABLE TRAY IN THE BUILDING TO GET THE OPTIMUM USE OF THE CABLE TRAY.
- CT7. CABLE TRAY INSTALLATION TO BE IN ACCORDANCE WITH LATEST ADOPTED NEC, ARTICLE 392.18.
- CT8. CABLE TRAY GROUNDING TO BE IN ACCORDANCE WITH LATEST ADOPTED NEC, ARTICLE 392.60.

**CONDUIT NOTES:**

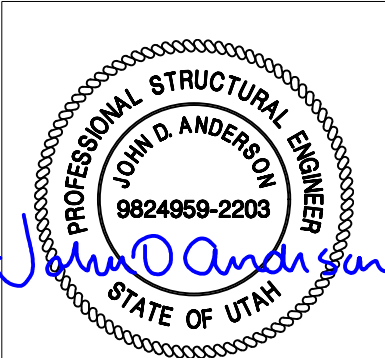
- C1. ALL MEASUREMENTS SHOWN ARE ACCURATE WITHIN ±1/4". ALL ADJACENT BOXES SHALL BE THE SAME DIMENSION.
- C2: THE LOCATIONS OF NON-CRITICAL ITEMS MAY BE ADJUSTED AS DEFINED BELOW. ALL ADJACENT BOXES SHALL BE THE SAME DIMENSION.  
 PULL BOXES OF ANY SIZE: (HORIZONTAL ±3", VERTICAL ±3")  
 LIGHT SWITCHES: (HORIZONTAL ±3", VERTICAL PER NOTE C1)  
 INTERIOR & EXTERIOR RECEPTACLES: (HORIZONTAL ±3", VERTICAL PER NOTE C1)  
 FIRE SAFETY DEVICES: (HORIZONTAL ±3", VERTICAL ±3")  
 THERMOSTATS: (HORIZONTAL ±3", VERTICAL ±3")
- C3. CONDUIT SHOULD BE INSTALLED AS SHOWN IF POSSIBLE. ANY CHANGES TO BENDS, OFFSETS, AND SADDLES MAY BE DONE WHEN NEEDED AND SHOULD BE UNDER THE GUIDANCE OF A QUALIFIED SENIOR CREW LEADER. ANY CHANGE MUST BE WITHIN THE GUIDELINES OF THE S.O.P.
- C4. ALL CONDUIT TO HAVE A MINIMUM OF 3/4" BETWEEN THEM.
- C5. ALL CONDUIT TO BE 3/4" UNLESS NOTED OTHERWISE.
- C6. ALL LIGHT SWITCHES TO BE MOUNTED AT 48" A.F.F. UNLESS NOTED OTHERWISE.
- C7. ALL RECEPTACLES TO BE MOUNTED AT 18" A.F.F. UNLESS NOTED OTHERWISE.
- C8. ALL CONDUITS INSIDE BUILDING SHALL BE **EMT** UNLESS OTHERWISE NOTED.
- C9. ALL CONDUITS OUTSIDE BUILDING SHALL BE RIGID GALVANIZED CONDUIT UNLESS OTHERWISE NOTED.
- C10. ALL CONDUITS THROUGH A WALL SHALL BE RIGID GALVANIZED UNLESS OTHERWISE NOTED.
- C11. ALL INTERIOR BOXES SHOWN WITHOUT A PART NUMBER ARE ASSUMED TO BE 4"x4".
- C12. NOTE REMOVED.
- C13. ALL EXTERIOR NIPPLES SHALL HAVE A WEATHERPROOF SEAL & LOCKNUT.

CONDUIT KEY			
A.C	LOW VOLTAGE	LFMC	PVC
A=1/2"	AA=1/2"	LA=1/2"	XA=1/2"
B=3/4"	BB=3/4"	LB=3/4"	XB=3/4"
C=1"	CC=1"	LC=1"	XC=1"
D=1 1/4"	DD=1 1/4"	LD=1 1/4"	XD=1 1/4"
E=1 1/2"	EE=1 1/2"	LE=1 1/2"	XE=1 1/2"
F=2"	FF=2"	LF=2"	XF=2"
G=2 1/2"	GG=2 1/2"	LG=2 1/2"	XG=2 1/2"
H=3"	HH=3"	LH=3"	XH=3"
I=3 1/2"	II=3 1/2"	LI=3 1/2"	XI=3 1/2"
J=4"	JJ=4"	LJ=4"	XJ=4"
 LIQUIDTIGHT FLEXIBLE METAL CONDUIT			

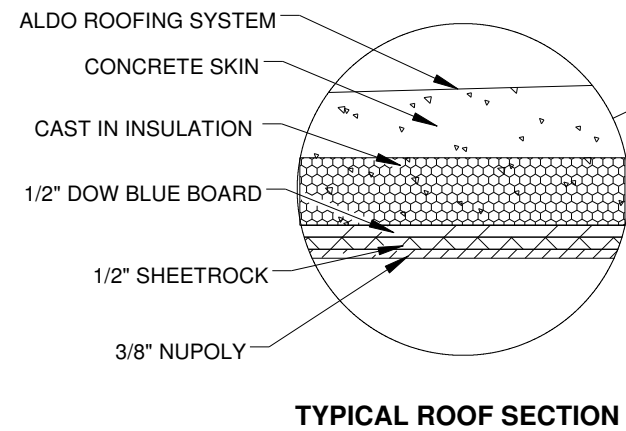
**GROUNDING NOTES:**

1. HALO GROUND SHALL BE #2 AWG STRANDED GREEN COPPER WIRE.
2. ALL BENDS MINIMUM 8" RADIUS.
3. APPLY ANTI-OXIDATION COMPOUND TO ALL CONNECTIONS.
4. 1/2" SCH. 40 PVC CAST AT 45° ANGLE.
5. ALL GROUNDING WIRES FOR HVAC GRILLES, BOXES, DOORS, CABLE TRAY JUMPERS, ETC. SHALL BE #6 AWG GREEN STRANDED COPPER WIRE AND A 2-HOLE LUG.
6. ALL CONNECTIONS TO HALO SHOULD POINT AWAY FROM INSTALLED AIR GAP.
7. BARE COPPER CONDUCTORS SHALL NOT BE IN CONTACT WITH ANY DISSIMILAR MATERIAL. PLACE ON STANDOFFS, IF NECESSARY, TO ALLOW FOR PROPER INSTALLATION.
8. SHARP BENDS IN GROUNDING CONDUCTORS SHALL BE AVOIDED. 90° BENDS SHALL NOT BE USED.
9. ALL GROUNDING CONDUCTORS SHALL BE KEPT AS SHORT AS POSSIBLE. THE SHORTEST PRACTICAL ROUTE SHALL BE CHOSEN WITH THE LEAST AMOUNT OF BENDS AND SPLICES. USE THIS RULE AT ALL TIMES, EVEN IF ELEVATION PLAN SHOWS OTHERWISE. PLANS ARE SOMETIMES CLUTTERED AND UNCLEAR DUE TO LARGE AMOUNTS OF GROUNDING.
10. ALL CONNECTIONS TO GROUND BARS SHALL BE WITH A 2-HOLE LUG UNLESS OTHERWISE SPECIFIED.
11. ALL SOLID WIRE SHALL USE A 2-HOLE LONG BARREL LUG.
12. DO NOT GROUND MORE THAN ONE PIECE OF EQUIPMENT PER DROP.
13. EACH METALLIC CONDUIT MAY BE CONNECTED TO THE HALO GROUND WITH A CONTINUOUS GROUNDING CONDUCTOR USING REMOVABLE SADDLE CLAMPS OR OTHER CLAMPS THAT SPECIFICALLY PERMIT THE USE OF A SINGLE CONTINUOUS CONDUCTOR FOR GROUNDING MULTIPLE RUNS OF CONDUIT. IF MULTIPLE CONDUITS ARE GROUNDED USING A SINGLE CONDUCTOR, THE CONDUCTOR SHALL BE CLAMPED TO EACH CONDUIT RUN SUCH THAT REMOVAL OF ONE CLAMP DOES NOT INTERRUPT THE PATH TO GROUND FOR THE OTHER CONDUIT RUNS.
14. REMOVE ALL PAINT BENEATH THE SURFACE OF GROUND LUGS.
15. ALL CABLE TRAY BONDING JUMPERS MAY BE INSTALLED ACROSS JUNCTION AS SHOWN OR AT OPPOSITE JUNCTION.
16. ALL SECURING HARDWARE FOR MECHANICALLY BOLTED CLAMPS AND LUGS SHALL BE STAINLESS STEEL OR APPROVED FOR THE APPLICATION.
17. SEE BUILDING COVERSHEET FOR WAIVEGUIDE AND AIR GAP LOCATIONS.
18. SEE HALO GROUND DETAILS SHEET FOR DETAILS.
19. EQUIPMENT GROUND BACKBONE RUN, ON CABLE TRAY, TO BE STOPPED 3" PAST LAST RUNG ON CABLE TRAY.

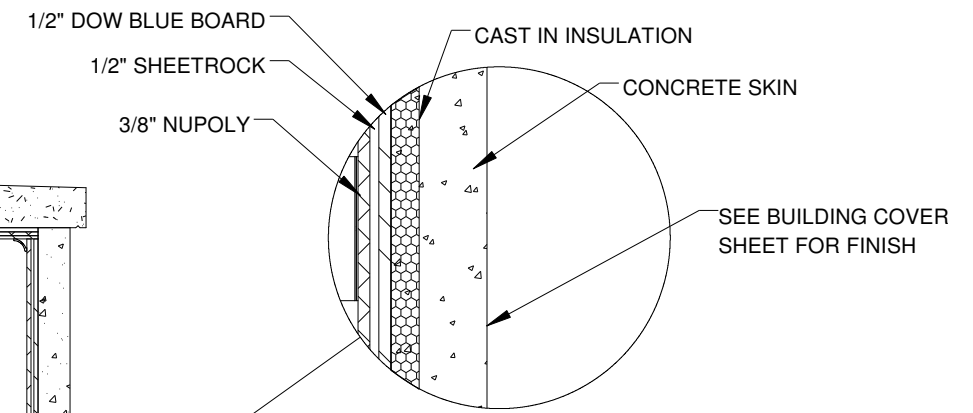
- LEGEND:**
- (XXXXXXX) PART NUMBER CALL OUT
  - (XXXXXXX) (1) PART NUMBER WITH ELECTRICAL CIRCUIT IDENTIFICATION
  - XX CONDUIT SECTION CALL OUT
  - X VIEW NUMBER      X PENETRATION SIZE
  - X-X SHEET NUMBER      X CONDUIT IDENTIFICATION
  - X REVISION NOTE TRIANGLE



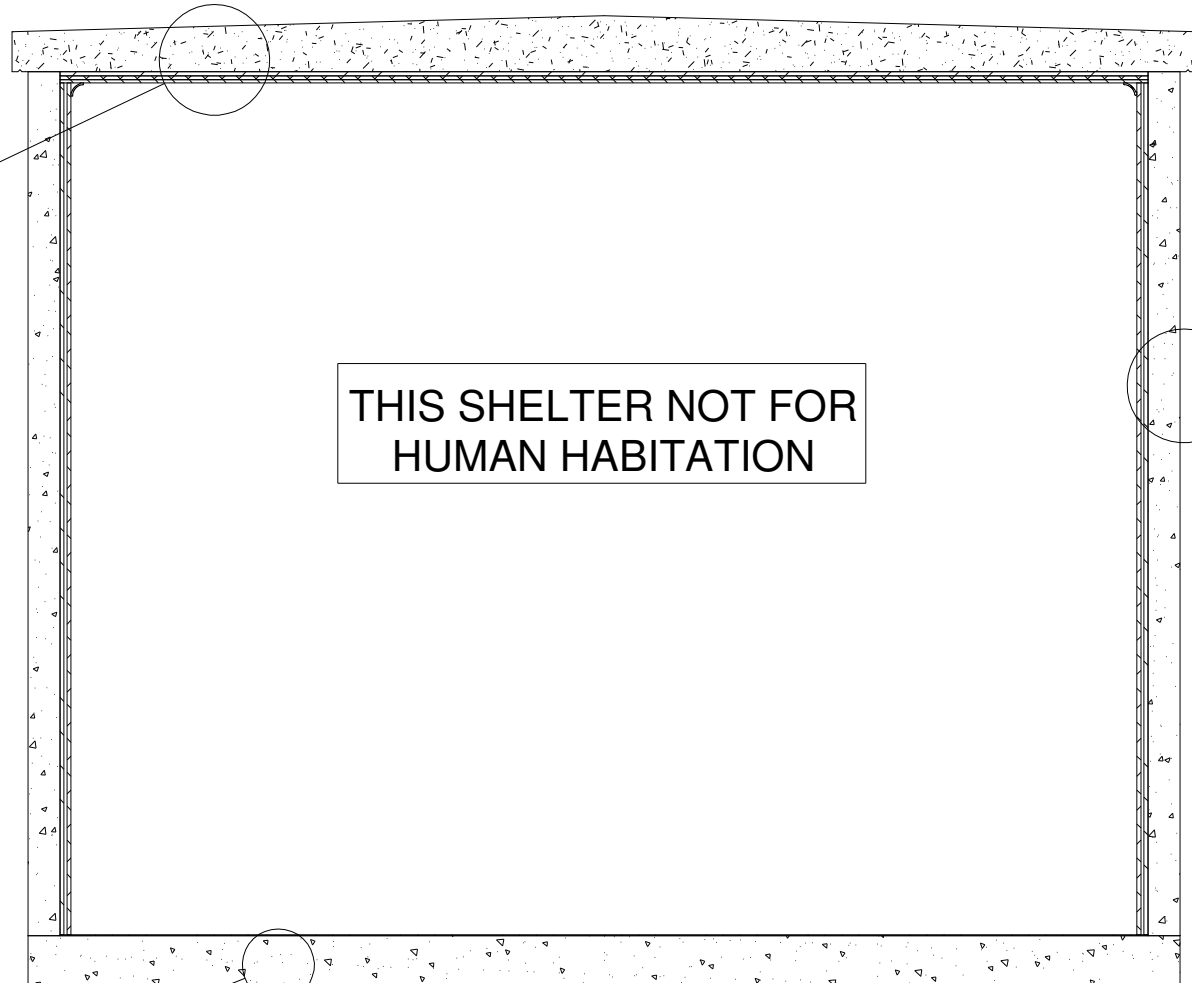
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				ALL WEST COMMUNICATIONS		ISSUED FOR: <b>*APPROVAL A.01*</b>			
				12' - 0" X 16' - 0" BUILDING		APPROVALS IN PDM DATABASE			
				BUILDING NOTES		THIRD ANGLE PROJECTION			
DRN. BY: GD	DATE: 27-NOV-2020	APP. BY: PM	DATE:	SCALE: NTS	SHEET NO.: 1-3				
CHK. BY: JC	DATE:	APP. BY:	DATE:	SIZE: B	DWG NO.: D11401				



TYPICAL ROOF SECTION

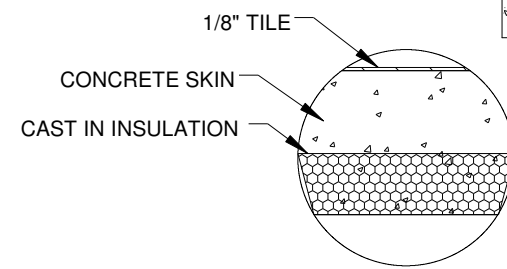


TYPICAL WALL SECTION

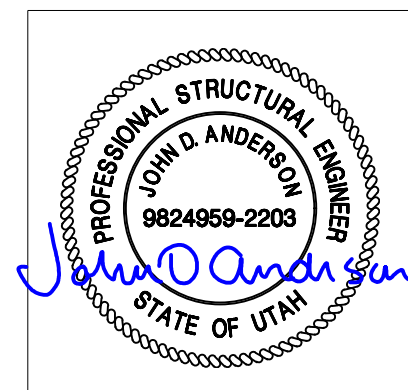


THIS SHELTER NOT FOR HUMAN HABITATION

BUILDING INSULATION DETAILS



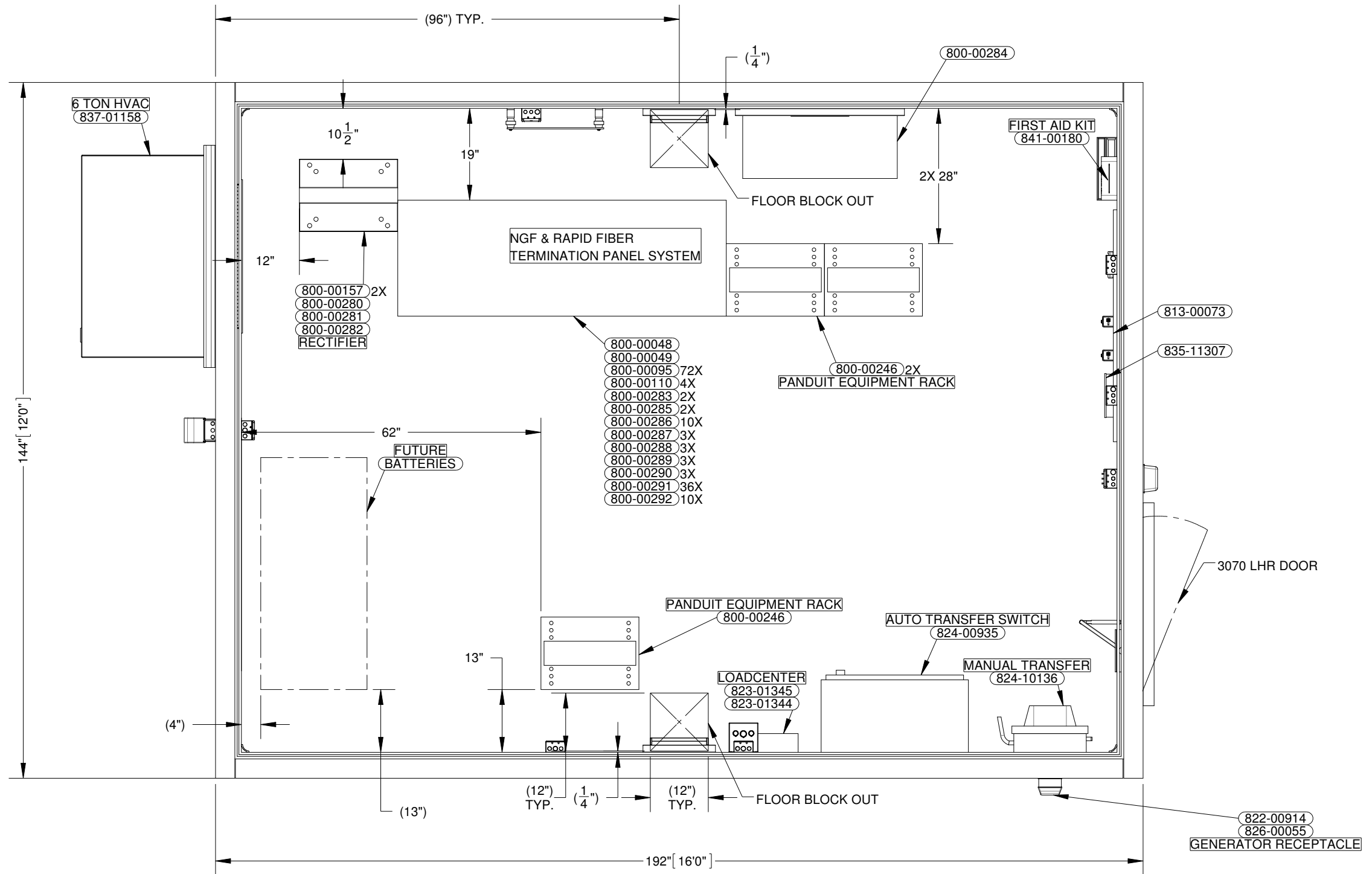
TYPICAL EQUIPMENT ROOM FLOOR SECTION



REV.	BY	DATE	REVISION	APP.

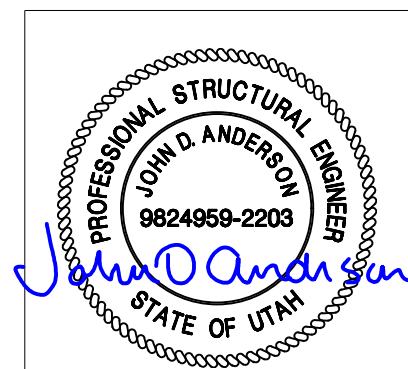
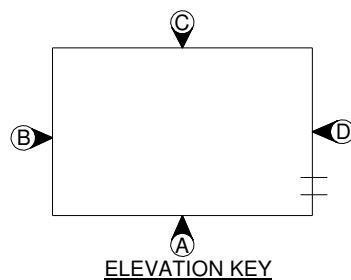
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BUILDING INSULATION DETAILS				THIRD ANGLE PROJECTION	
DRN. BY: GD	DATE: 27-NOV-2020	APP. BY: PM	DATE:	SCALE NTS	SHEET NO: 2-1A
CHK. BY: JC	DATE:	APP. BY:	DATE:	SIZE B	DWG NO.: D11401



FLOOR PLAN  
192.00 SQ.FT

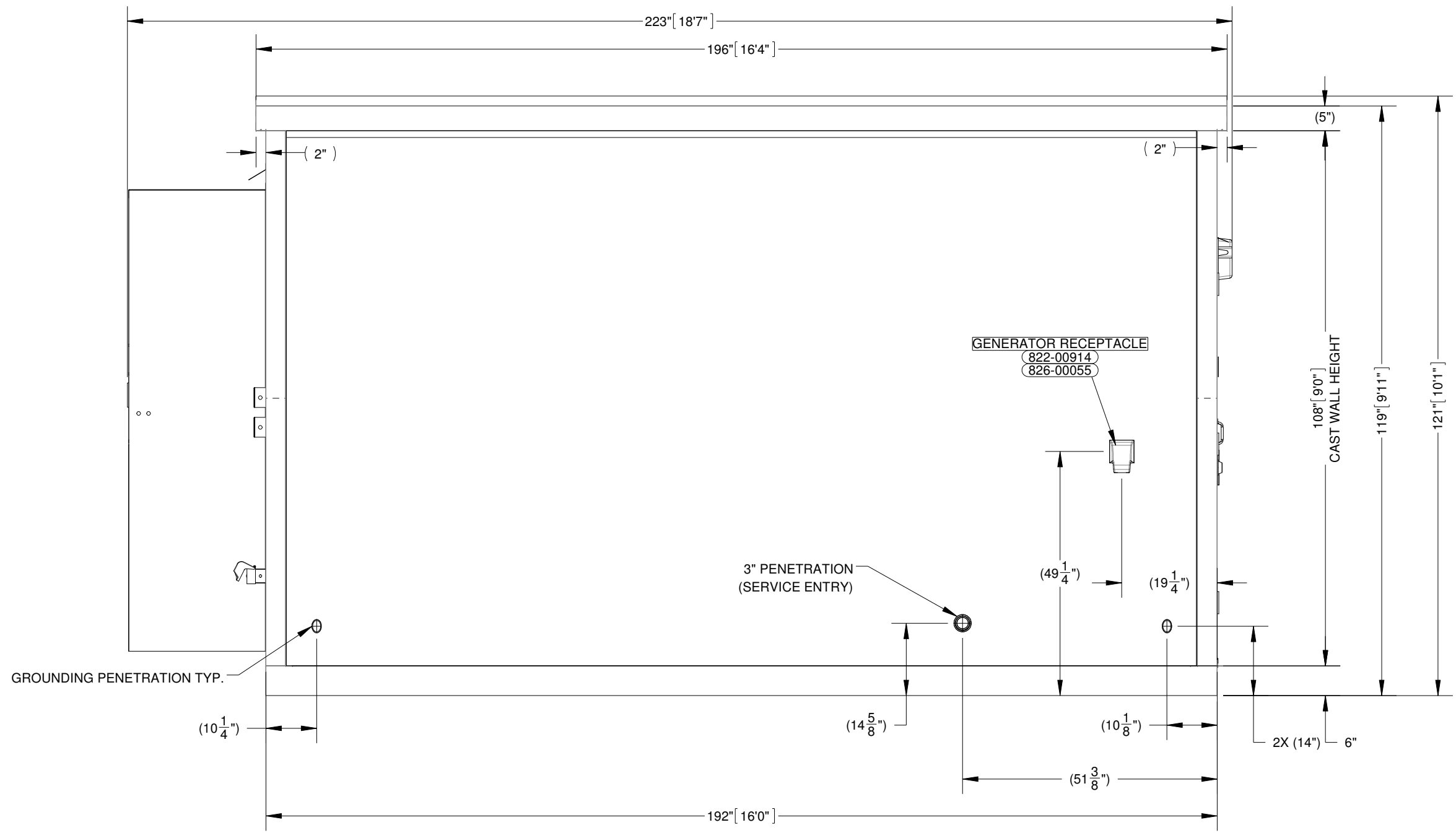
NOTES:  
1. REFER SHEET 1-3 FOR BUILDING NOTES.



REV.	BY	DATE	REVISION	APP.

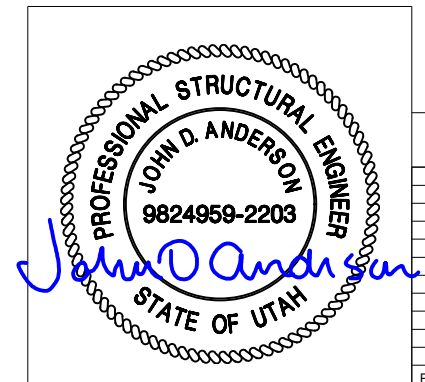
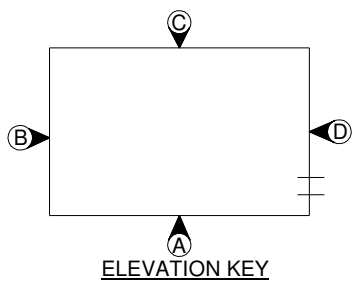
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FLOOR PLAN				THIRD ANGLE PROJECTION	
DRN. BY: GD	DATE: 19-NOV-2020	APP. BY: PM	DATE:	SCALE: 1:24	SHEET NO.: 2-1
CHK. BY: JC	DATE:	APP. BY:	DATE:	SIZE: B	DWG NO.: D11401



ELEVATION, EXTERNAL, WALL-A

NOTES:  
 1. REFER SHEET 1-3 FOR BUILDING NOTES.

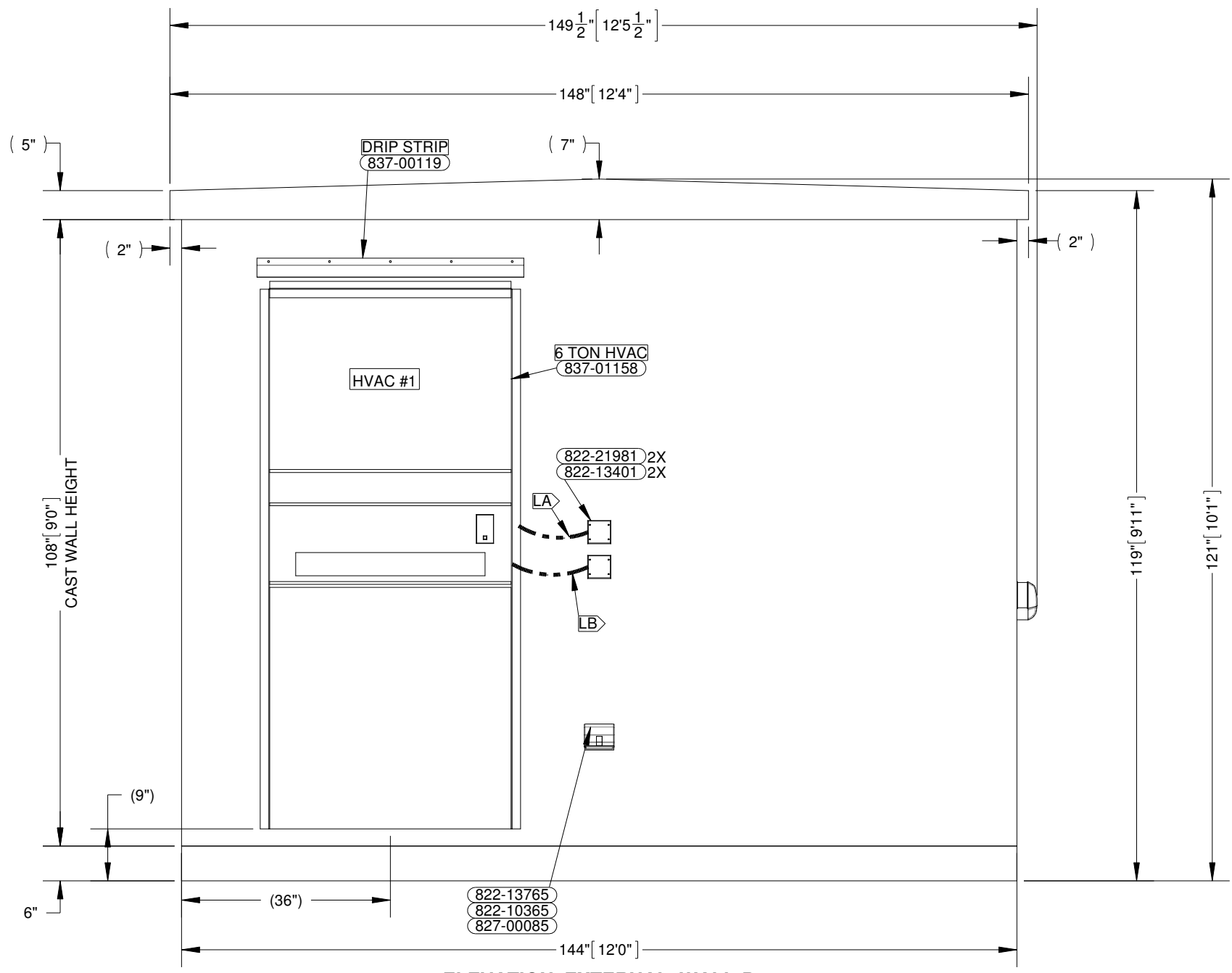


REV.	BY	DATE	REVISION	APP.

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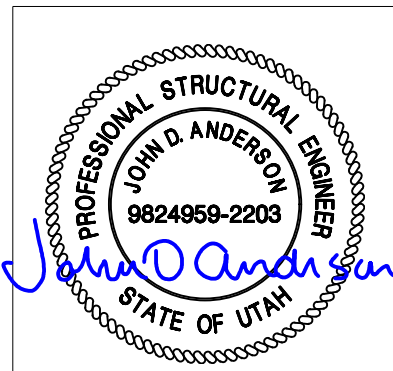
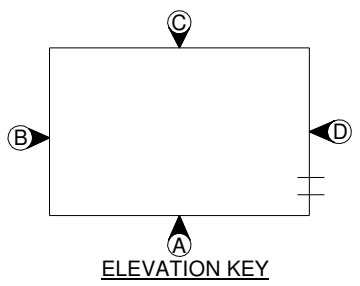
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ALL WEST COMMUNICATIONS		APPROVALS IN PDM DATABASE	
12' - 0" X 16' - 0" BUILDING		THIRD ANGLE PROJECTION	
ELEVATION, EXTERNAL, WALL-A		SCALE: 1:24	
DRN. BY: GD	DATE: 19-NOV-2020	APP. BY: PM	DATE:
CHK. BY: JC	DATE:	APP. BY:	DATE:
SIZE: B		SHEET NO.: 2-2	
DWG NO.: D11401			





**ELEVATION, EXTERNAL, WALL-B**

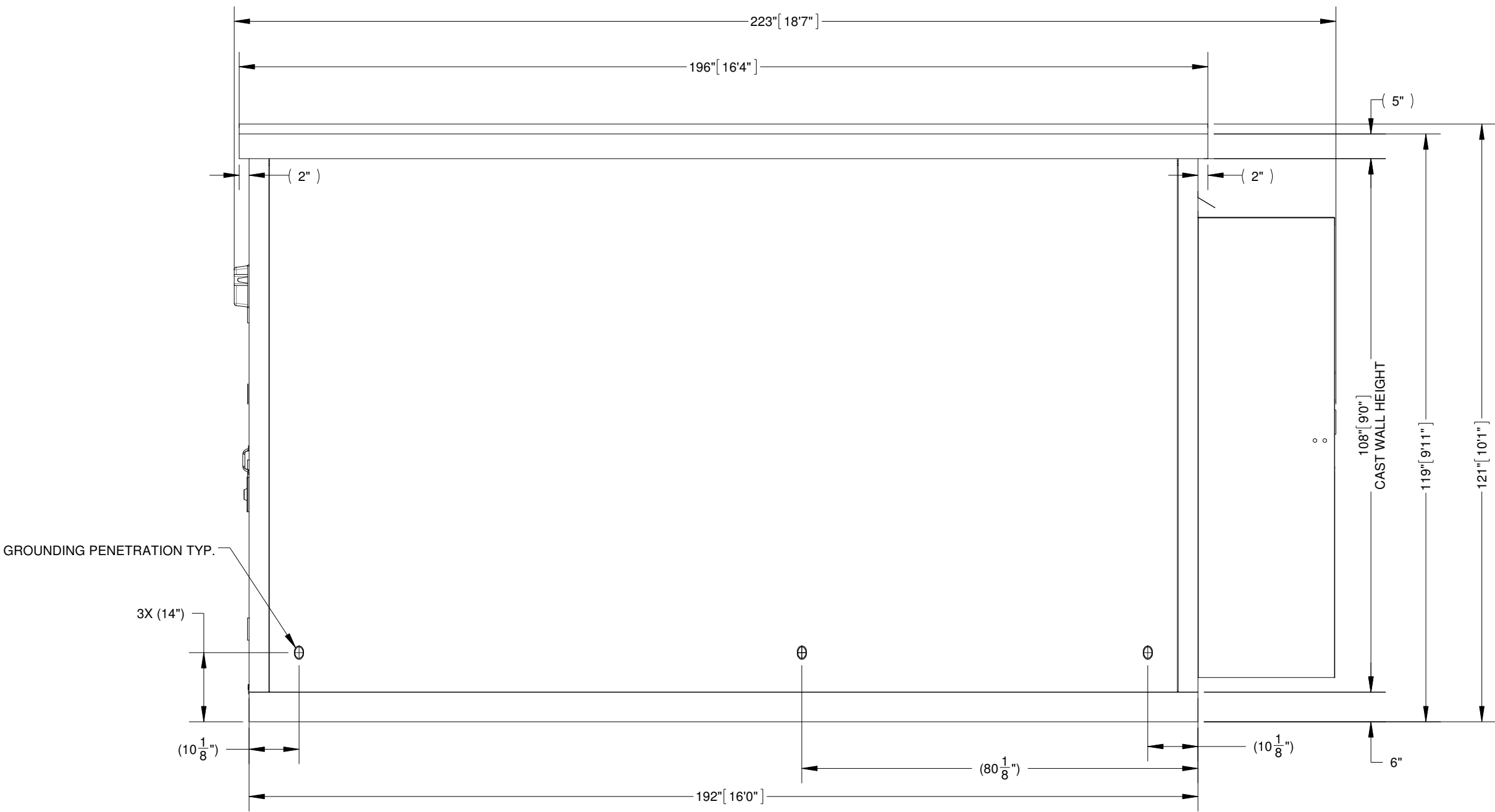
**NOTES:**  
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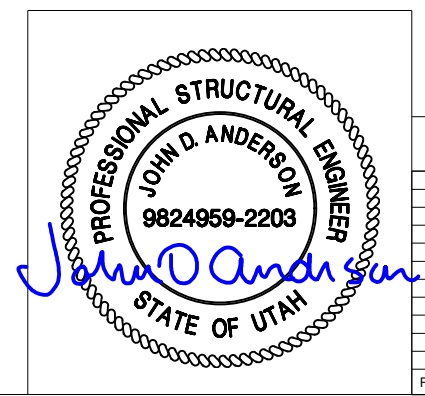
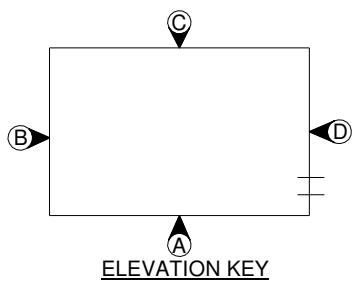
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ELEVATION, EXTERNAL, WALL-B				THIRD ANGLE PROJECTION	
DRN. BY: GD	DATE: 19-NOV-2020	APP. BY: PM	DATE:	SCALE: 1:24	SHEET NO.: 2-3
CHK. BY: JC	DATE:	APP. BY:	DATE:	SIZE: B	DWG NO.: D11401



ELEVATION, EXTERNAL, WALL-C

NOTES:  
1. REFER SHEET 1-3 FOR BUILDING NOTES



REV.	BY	DATE	REVISION	APP.

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ALL WEST COMMUNICATIONS

12' - 0" X 16' - 0" BUILDING

ELEVATION, EXTERNAL, WALL-C

DRN. BY: GD	DATE: 19-NOV-2020	APP. BY: PM	DATE:
CHK. BY: JC	DATE:	APP. BY:	DATE:

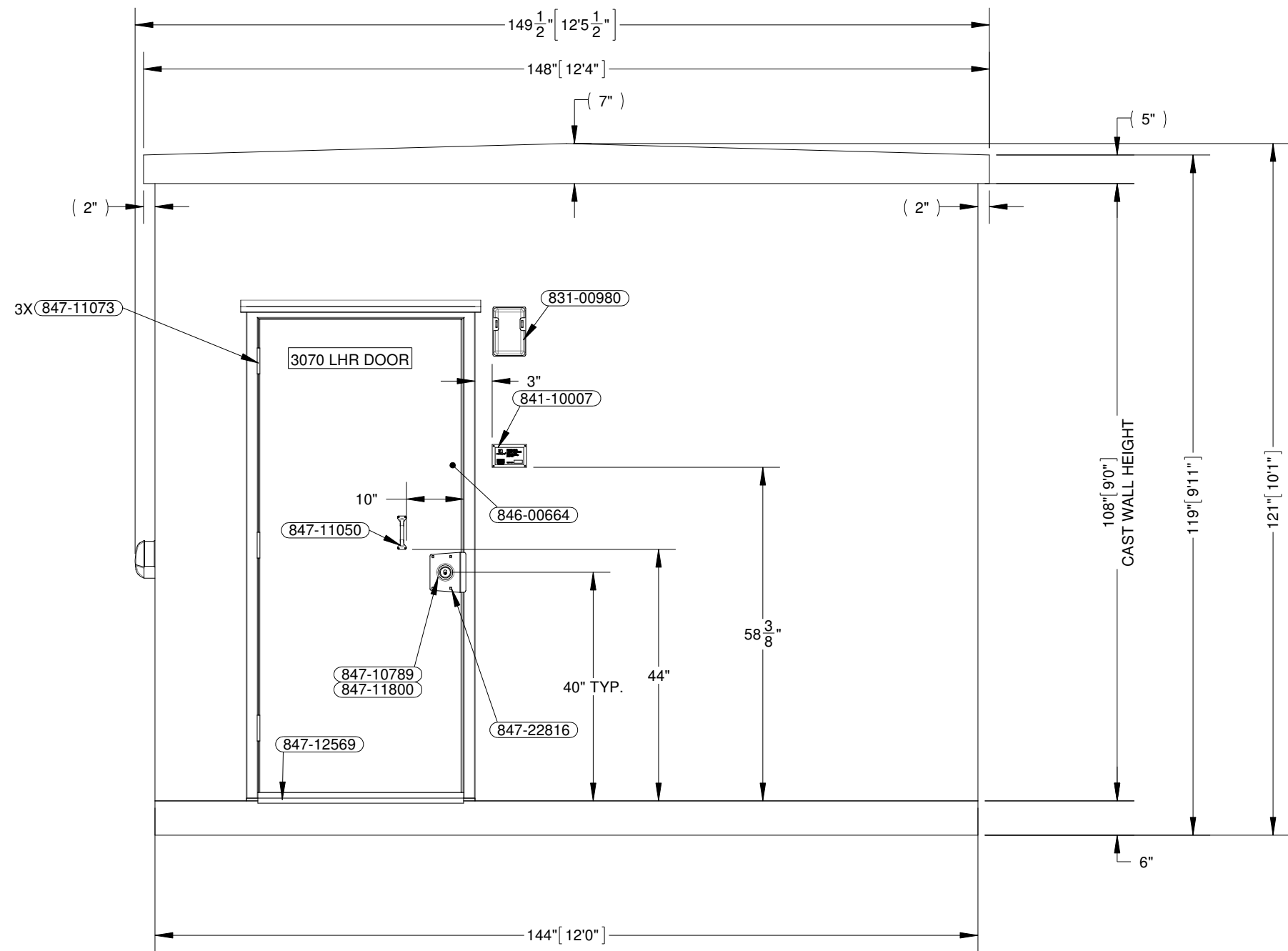
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ISSUED FOR: **\*APPROVAL A.01\***

APPROVALS IN PDM DATABASE

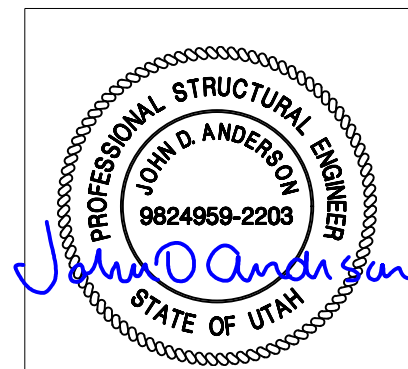
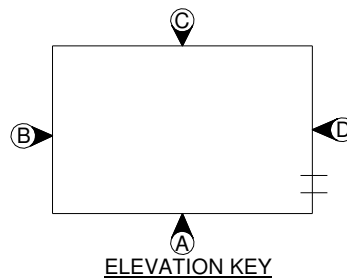
THIRD ANGLE PROJECTION

SCALE: 1:24	SHEET NO.: 2-4
SIZE: B	DWG NO.: D11401



ELEVATION, EXTERNAL, WALL-D

NOTES:  
1. REFER SHEET 1-3 FOR BUILDING NOTES.

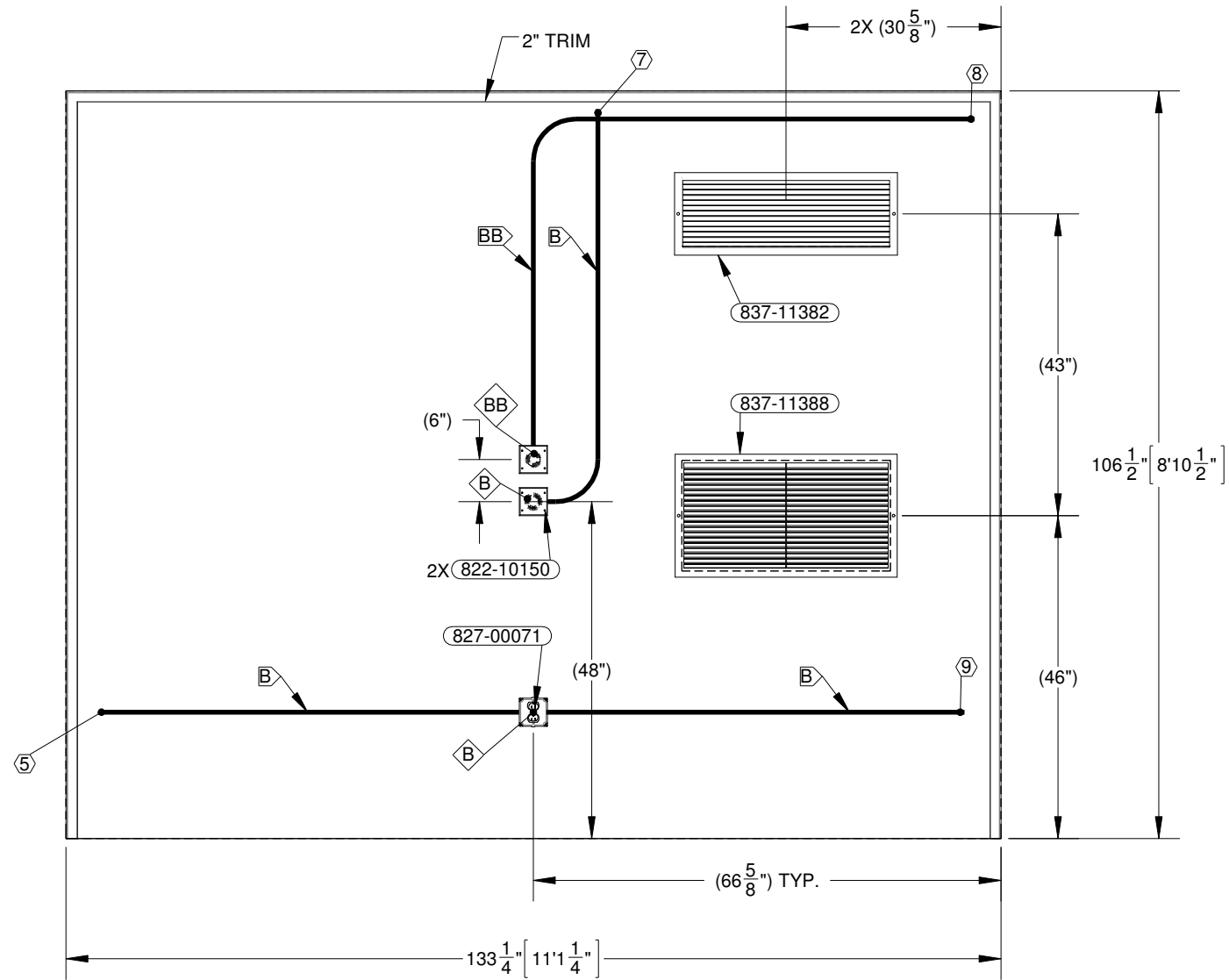


REV.	BY	DATE	REVISION	APP.

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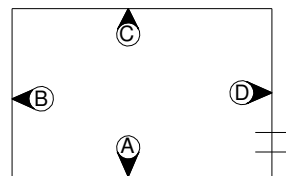
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ELEVATION, EXTERNAL, WALL-D				THIRD ANGLE PROJECTION	
DRN. BY: GD	DATE: 19-NOV-2020	APP. BY: PM	DATE:	SCALE: 1:24	SHEET NO.: 2-5
CHK. BY: JC	DATE:	APP. BY:	DATE:	SIZE: B	DWG NO.: D11401



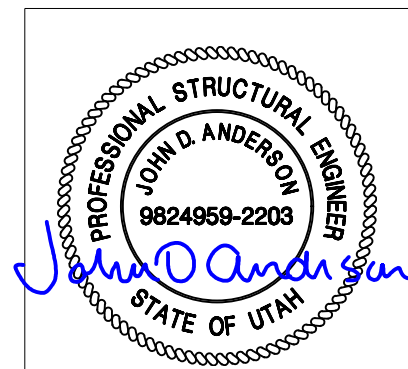


ELEVATION, INTERNAL, WALL-B

NOTES:  
1. REFER SHEET 1-3 FOR BUILDING NOTES.



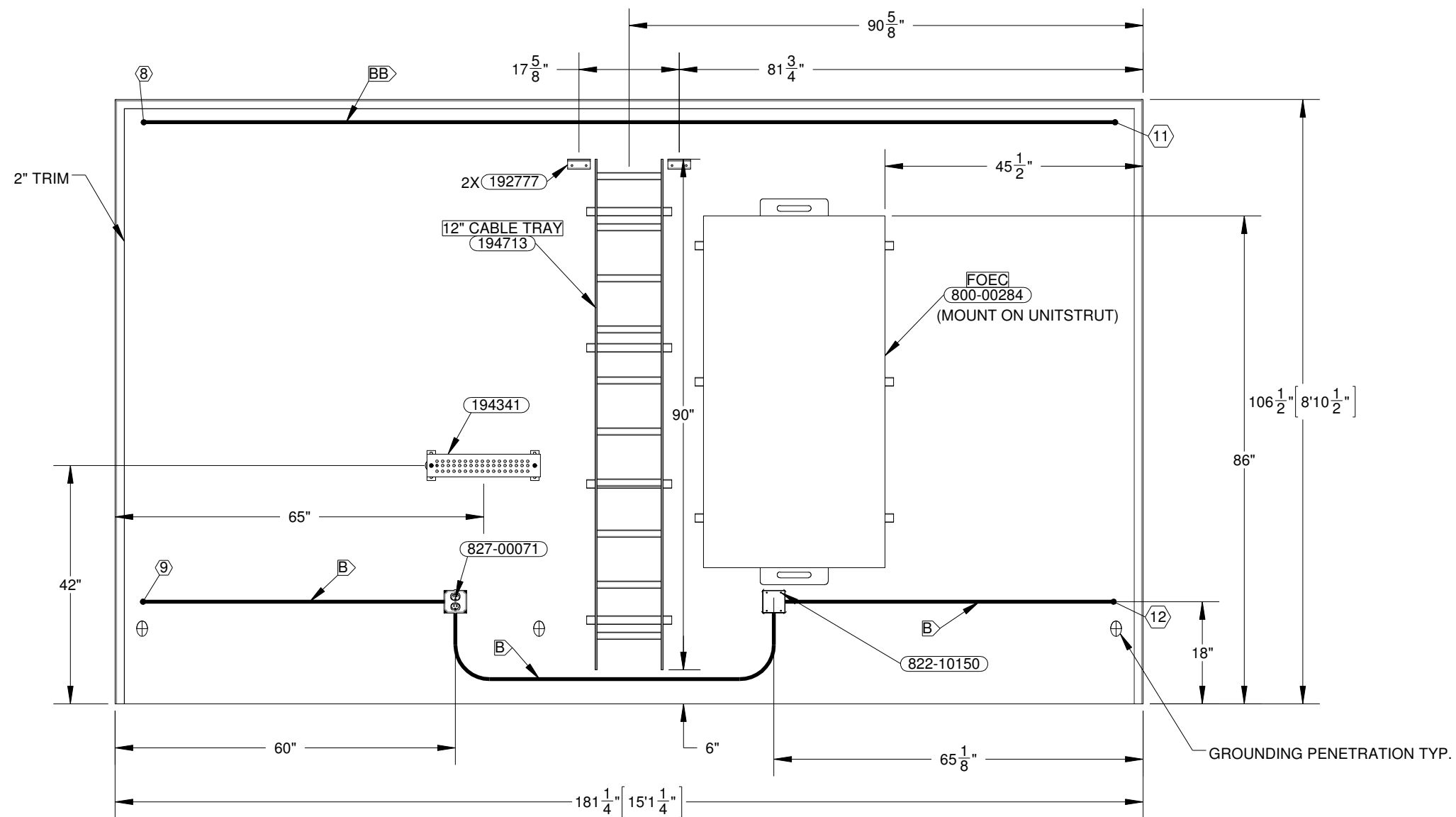
ELEVATION KEY



REV.	BY	DATE	REVISION	APP.

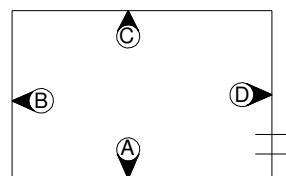
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ELEVATION, INTERNAL, WALL-B				THIRD ANGLE PROJECTION	
DRN. BY: GD	DATE: 19-NOV-2020	APP. BY: PM	DATE:	SCALE 1:24	SHEET NO.: 2-7
CHK. BY: JC	DATE:	APP. BY:	DATE:	SIZE B	DWG NO.: D11401

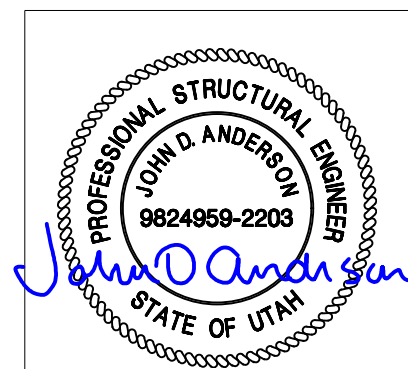


ELEVATION, INTERNAL, WALL-C

NOTES:  
1.REFER SHEET 1-3 FOR BUILDING NOTES.



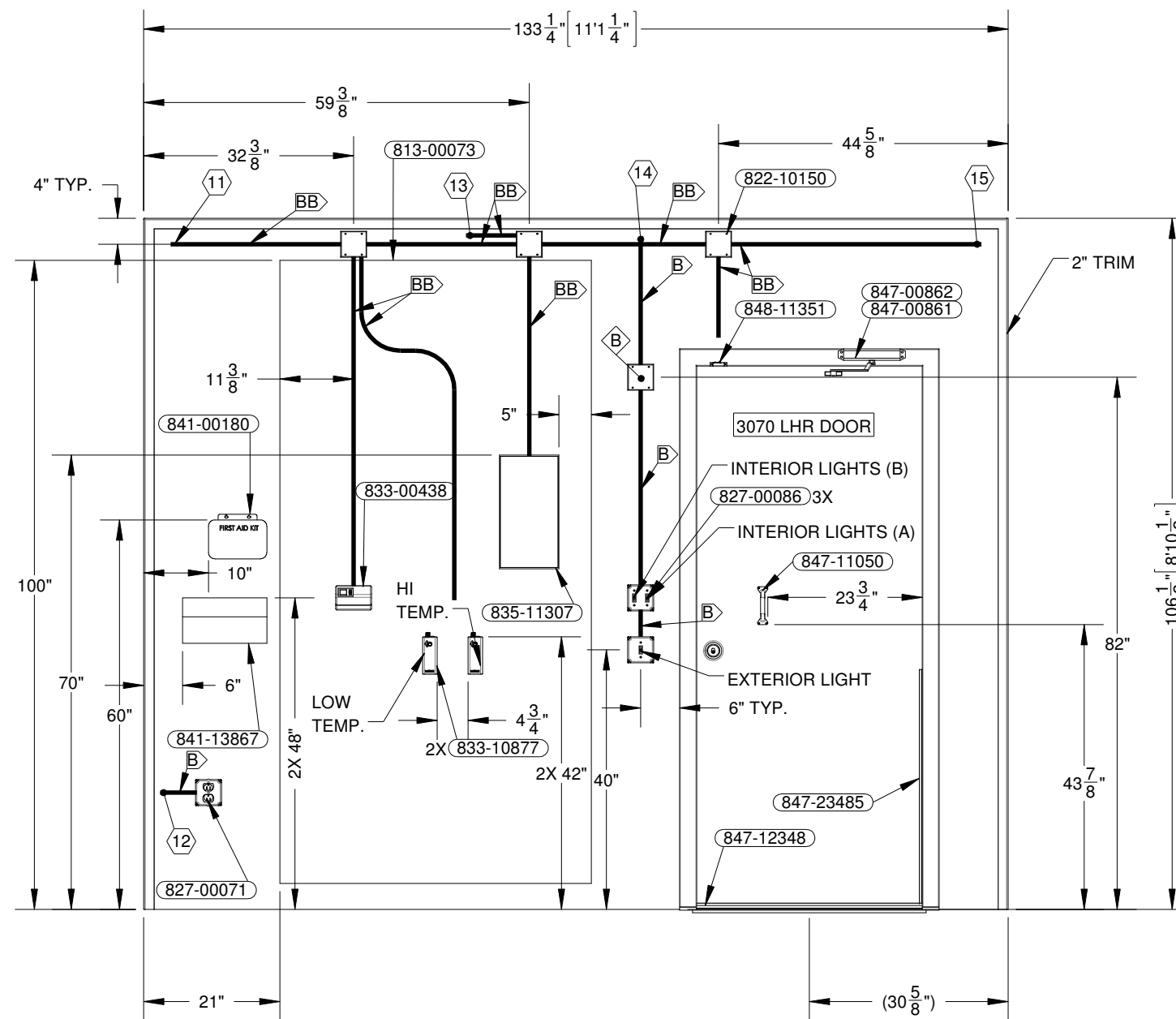
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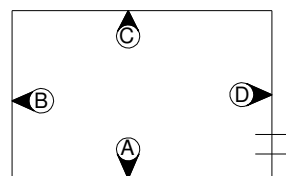
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ELEVATION, INTERNAL, WALL-C				THIRD ANGLE PROJECTION	
DRN. BY: GD	DATE: 19-NOV-2020	APP. BY: PM	DATE:	SCALE: 1:24	SHEET NO.: 2-8
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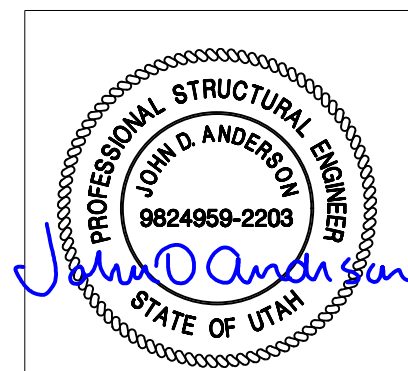


ELEVATION, INTERNAL, WALL-D

NOTES:  
1. REFER SHEET 1-3 FOR BUILDING NOTES.



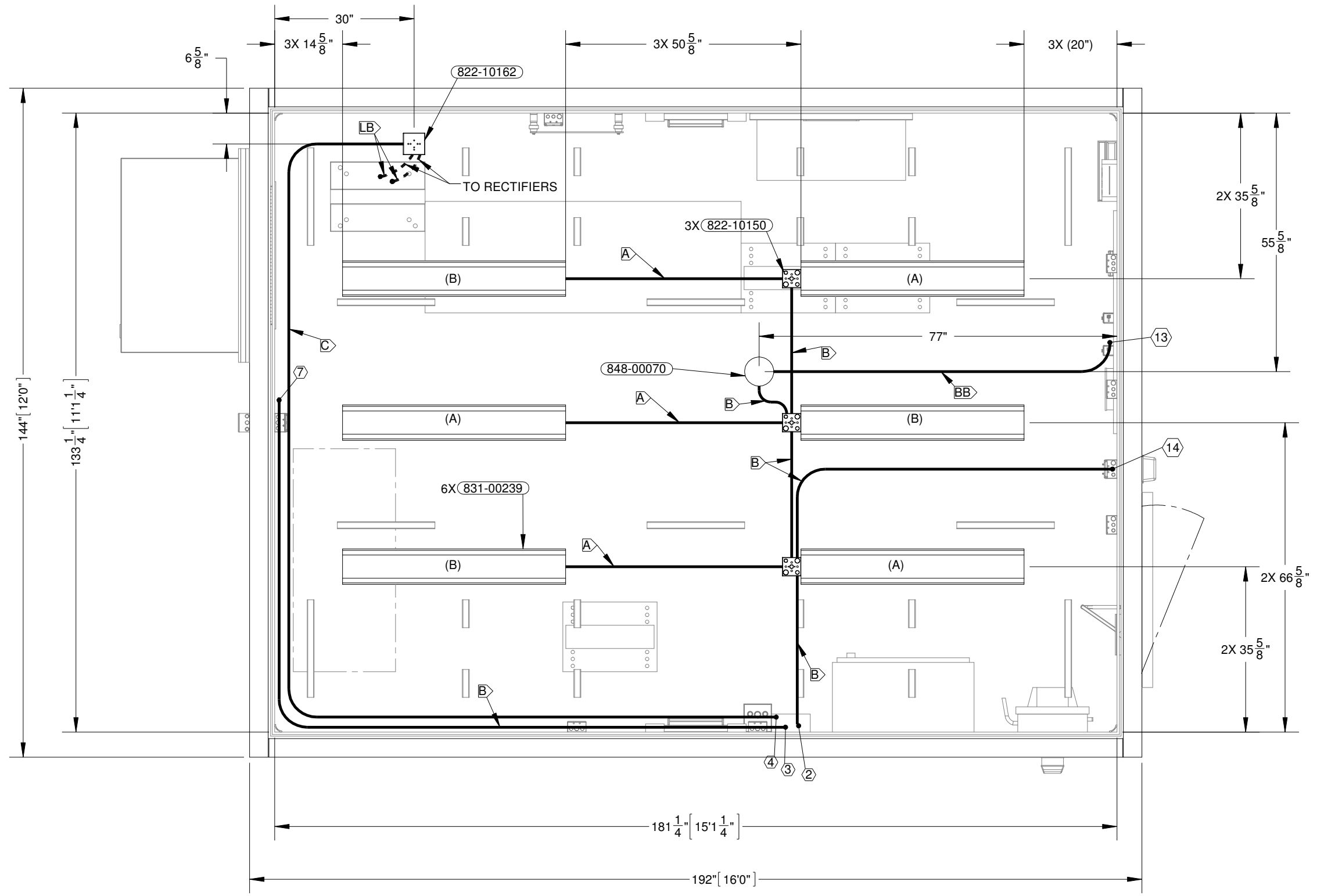
ELEVATION KEY



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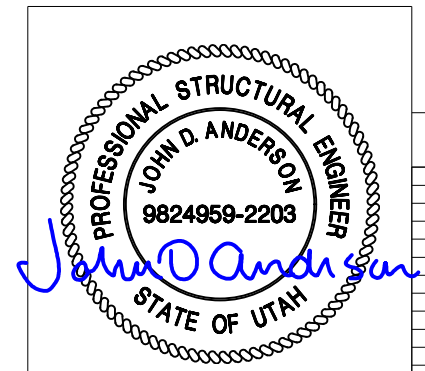
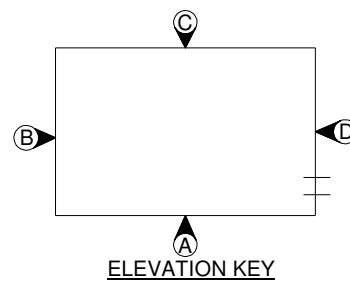
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ELEVATION, INTERNAL, WALL-D				THIRD ANGLE PROJECTION	
DRN. BY: GD	DATE: 19-NOV-2020	APP. BY: PM	DATE:	SCALE 1:24	SHEET NO.: 2-9
CHK. BY: JC	DATE:	APP. BY:	DATE:	SIZE B	DWG NO.: D11401



**CEILING VIEW, ELECTRICAL**

NOTES:  
1. REFER SHEET 1-3 FOR BUILDING NOTES.

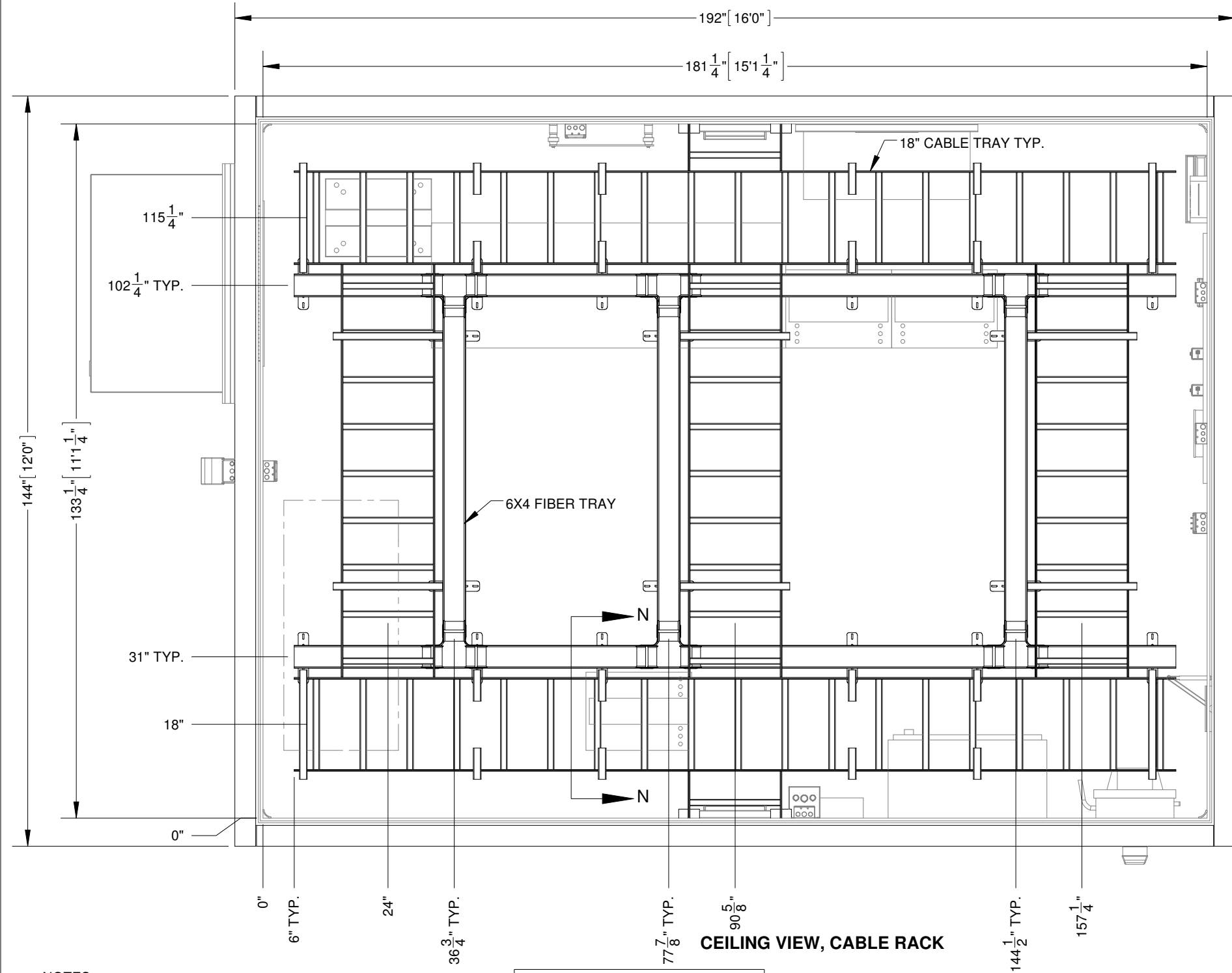


REV.	BY	DATE	REVISION	APP.

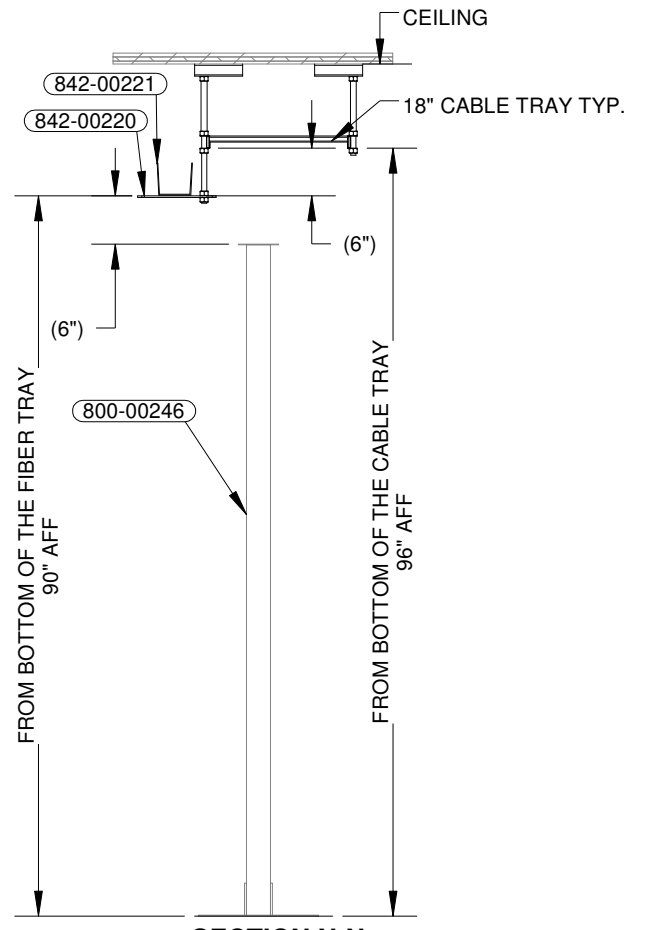
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CEILING VIEW, ELECTRICAL				THIRD ANGLE PROJECTION	
DRN. BY: GD	DATE: 19-NOV-2020	APP. BY: PM	DATE:	SCALE: 1:24	SHEET NO.: 2-10
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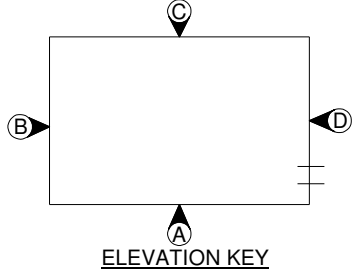


**CEILING VIEW, CABLE RACK**

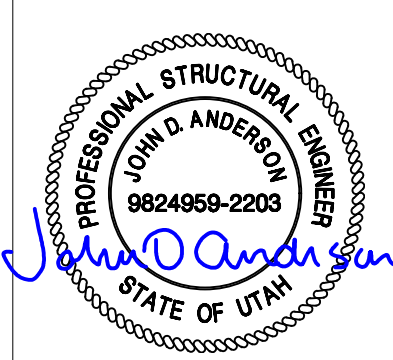


**SECTION N-N**

NOTES:  
1. REFER SHEET 1-3 FOR BUILDING NOTES.



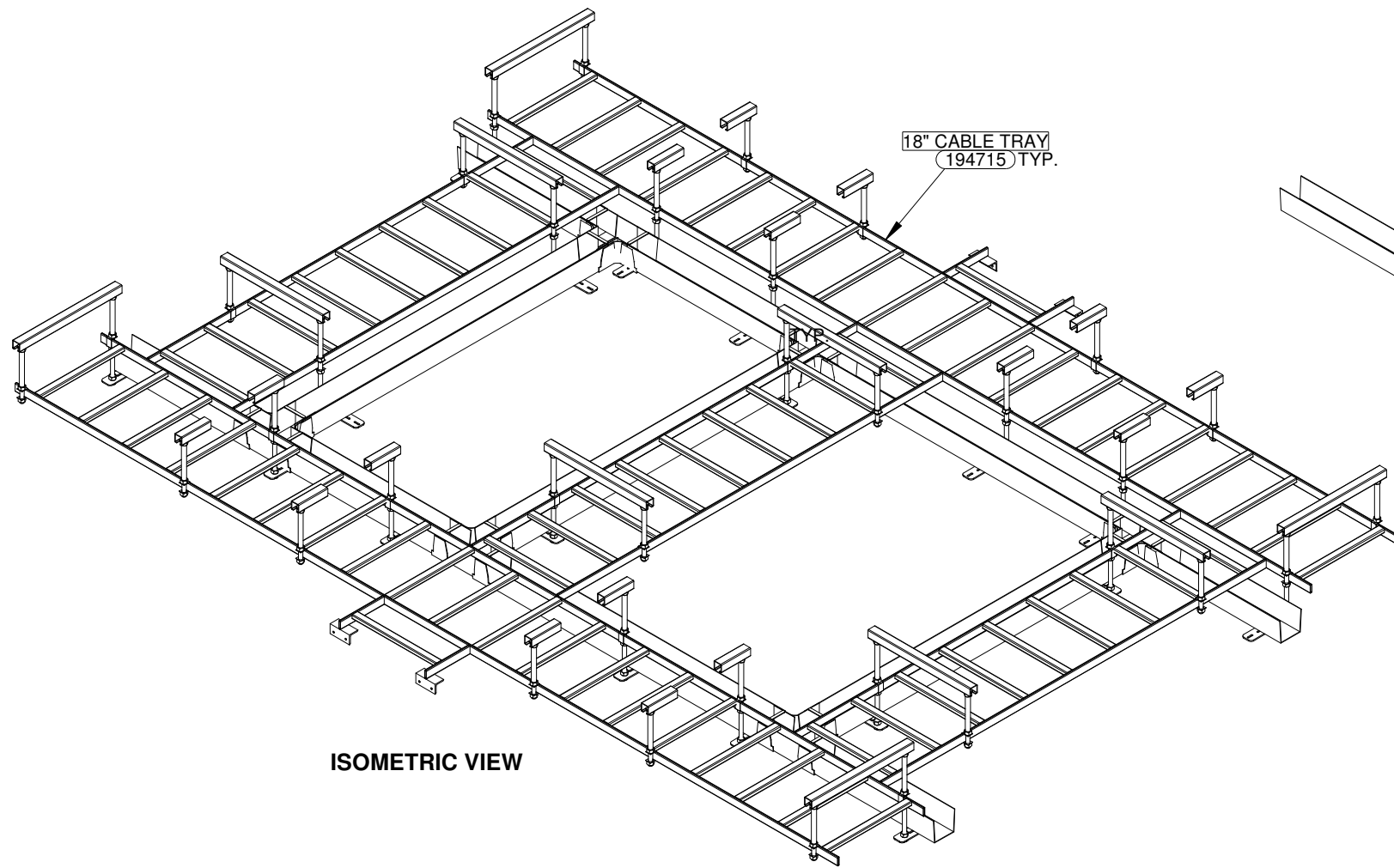
**ELEVATION KEY**



REV.	BY	DATE	REVISION	APP.

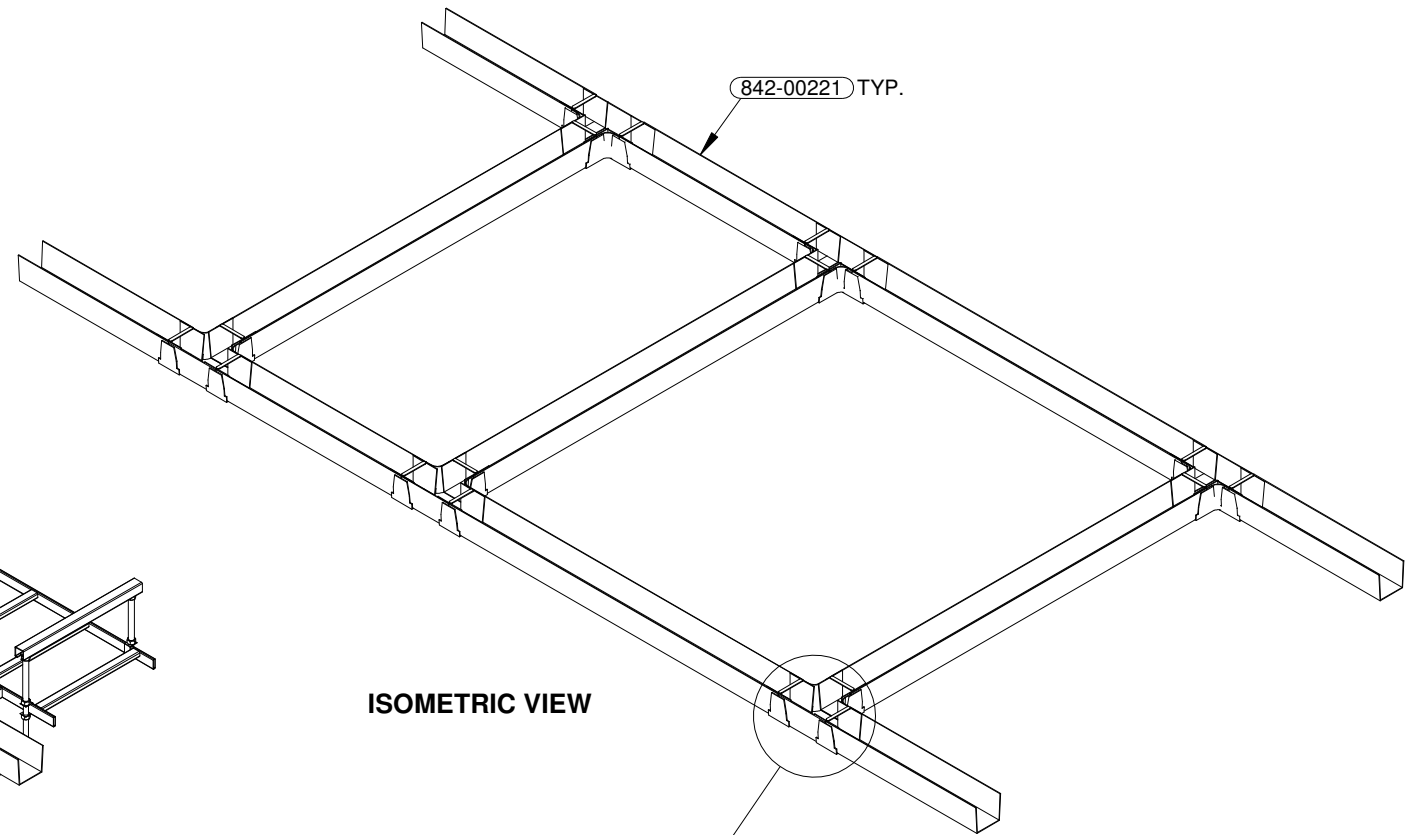
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CEILING VIEW, CABLE RACK, FIBER TRAY				THIRD ANGLE PROJECTION	
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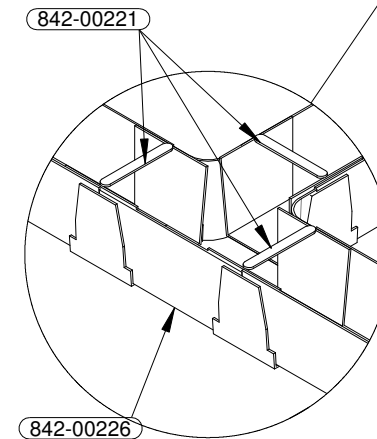
ISOMETRIC VIEW

18" CABLE TRAY  
(194715) TYP.



842-00221 TYP.

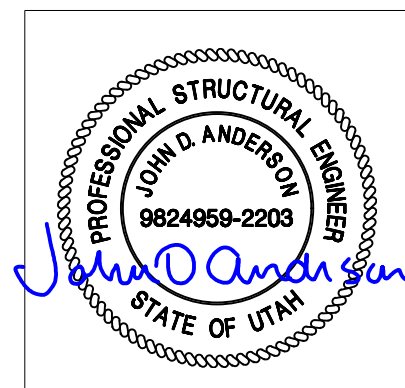
ISOMETRIC VIEW



842-00221

842-00226

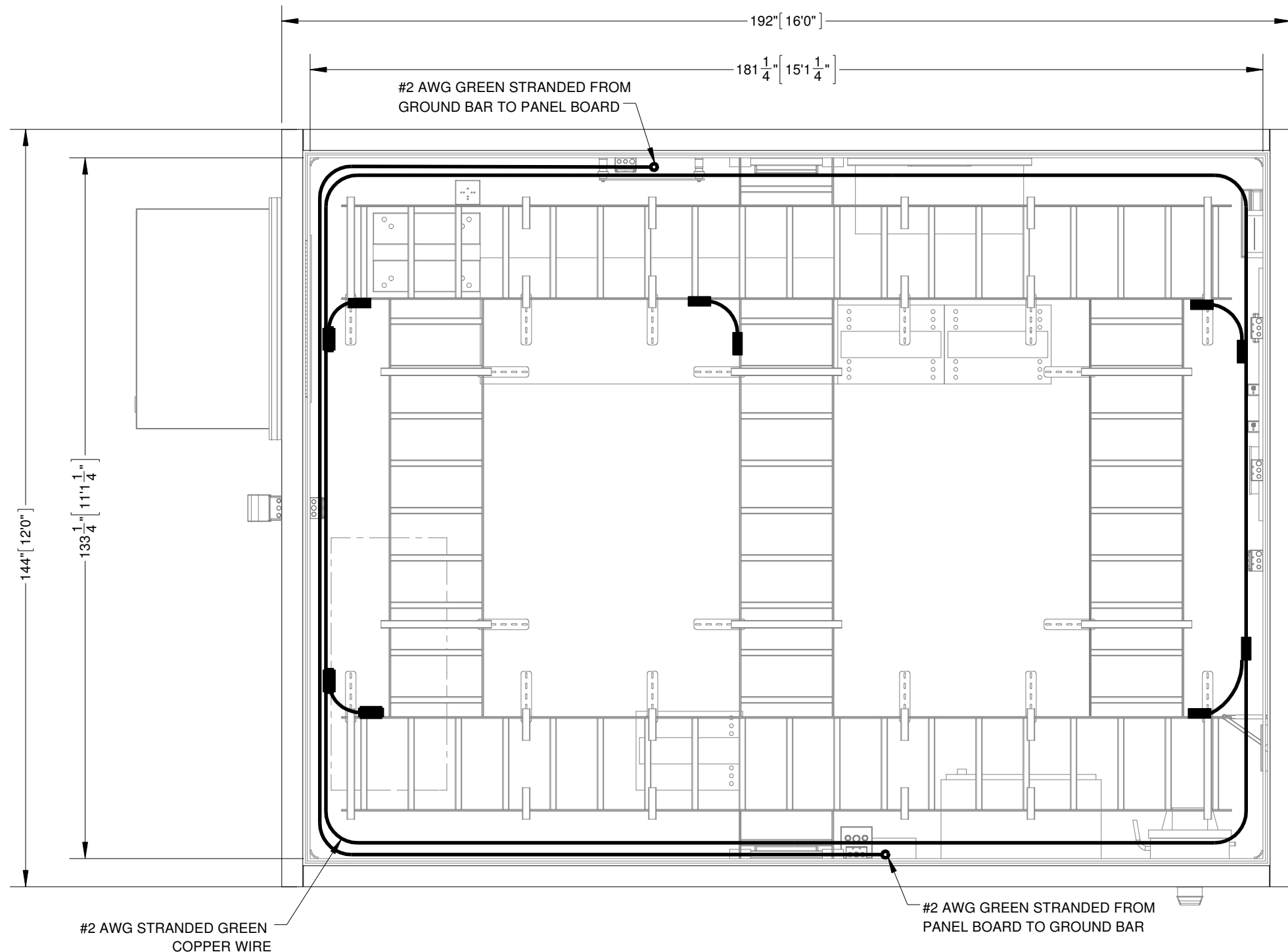
DETAIL R  
SCALE 1 : 8



REV.	BY	DATE	REVISION	APP.

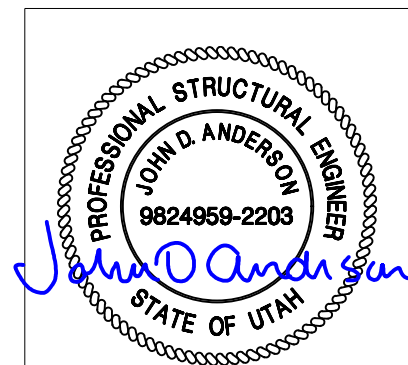
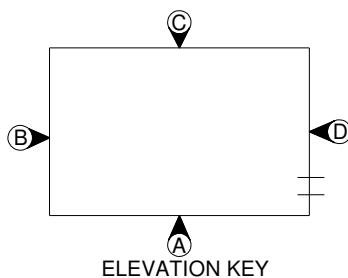
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ALL WEST COMMUNICATIONS				ISSUED FOR: <b>*APPROVAL A.01*</b>	
12' - 0" X 16' - 0" BUILDING				APPROVALS IN PDM DATABASE	
CABLE RACK & FIBER TRAY DETAIL				THIRD ANGLE PROJECTION	
DRN. BY: GD	DATE: 19-NOV-2020	APP. BY: PM	DATE:	SCALE: 1:24	SHEET NO.: 2-11.1
CHK. BY: JC	DATE:	APP. BY:	DATE:	SIZE: B	DWG NO.: D11401



**CEILING VIEW, GROUNDING**

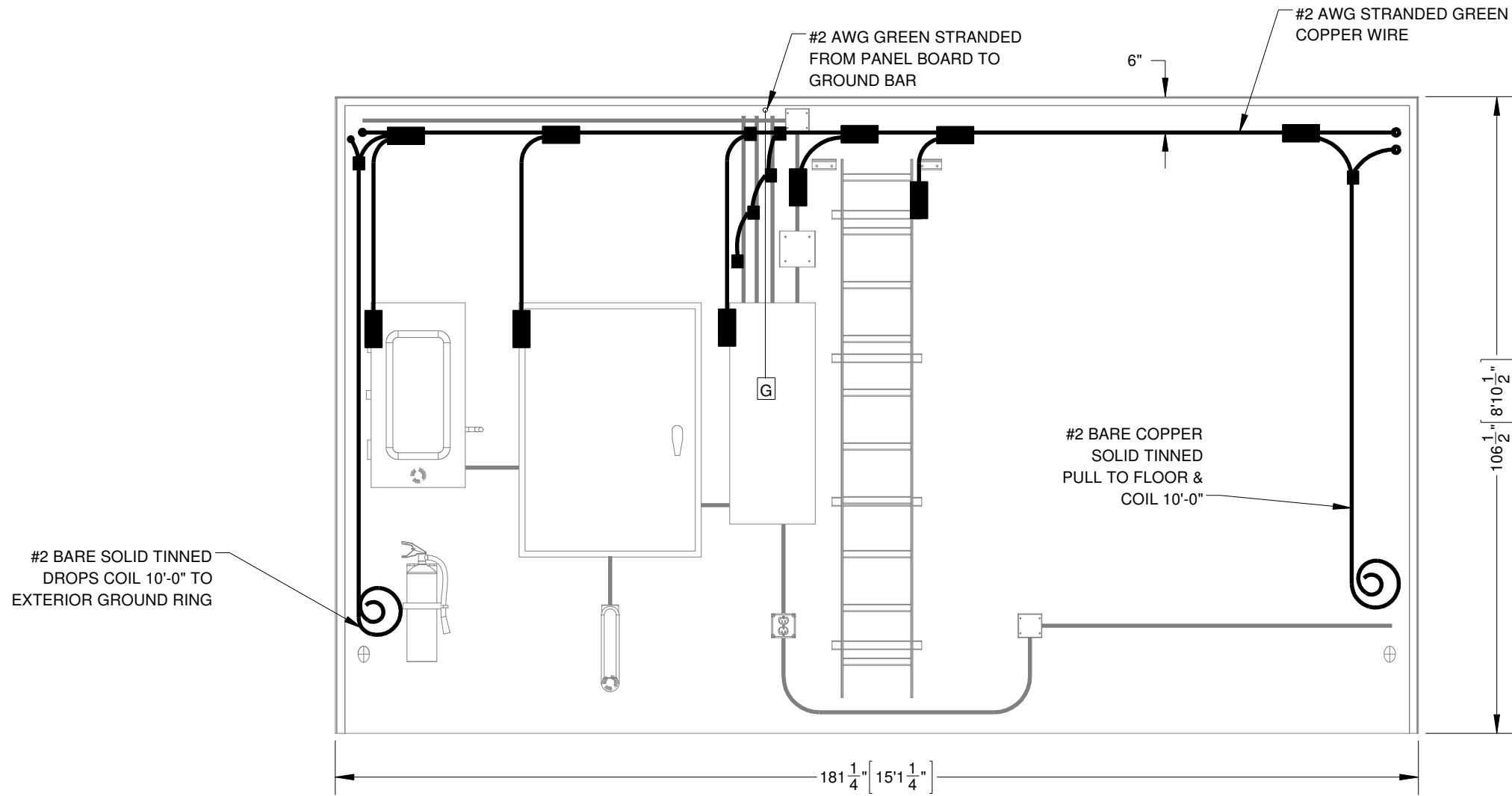
- NOTES:  
 1. REFER SHEET 1-3 FOR BUILDING NOTES.



REV.	BY	DATE	REVISION	APP.

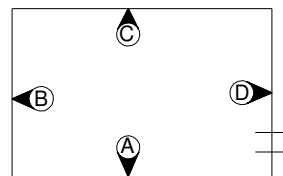
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12' - 0" X 16' - 0" BUILDING		APPROVALS IN PDM DATABASE	
CEILING VIEW, GROUNDING		THIRD ANGLE PROJECTION	
DRN. BY: GD	DATE: 27-NOV-2020	APP. BY: PM	DATE:
CHK. BY: JC	DATE:	APP. BY:	DATE:
SCALE: 1:24	SHEET NO.: 3-1	SIZE: B	DWG NO.: D11401

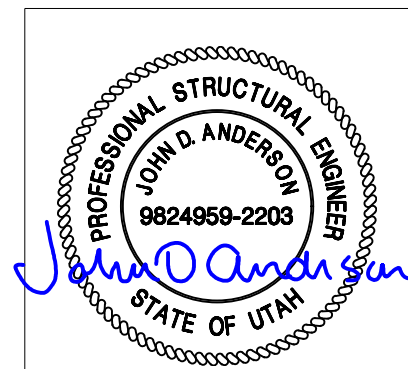


ELEVATION, INTERNAL, WALL-A, GROUNDING

- NOTES:  
 1. REFER SHEET 1-3 FOR GROUNDING NOTES.  
 2. REFER SHEET 3-6 FOR GROUNDING CONNECTIONS.



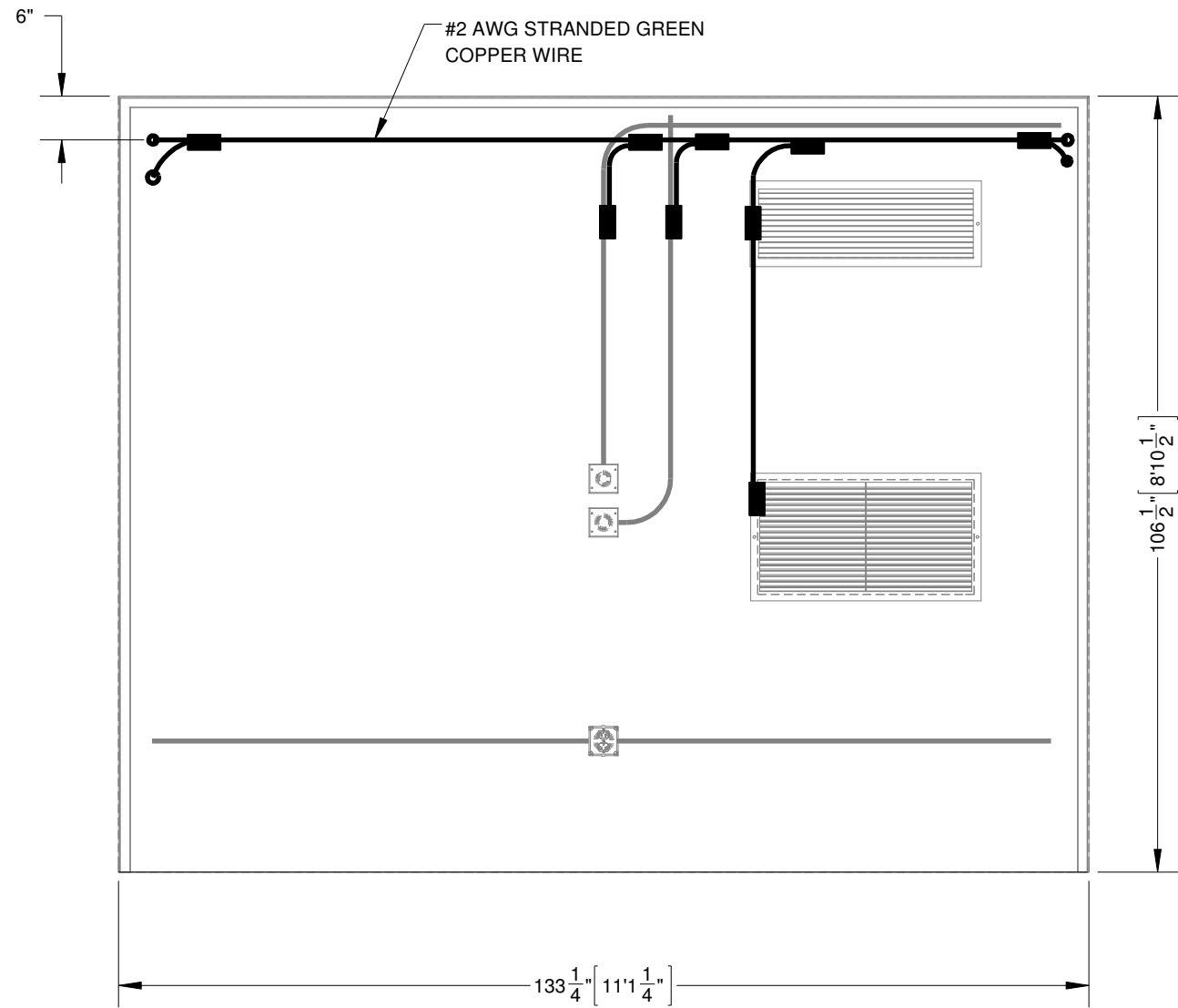
ELEVATION KEY



REV.	BY	DATE	REVISION	APP.

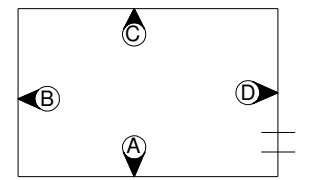
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ELEVATION, INTERNAL, WALL-A, GROUNDING				THIRD ANGLE PROJECTION	
DRN. BY: GD	DATE: 21-DEC-2020	APP. BY: PM	DATE:	SCALE: 1:24	SHEET NO.: 3-2
CHK. BY: JC	DATE:	APP. BY:	DATE:	SIZE: B	DWG NO.: D11401

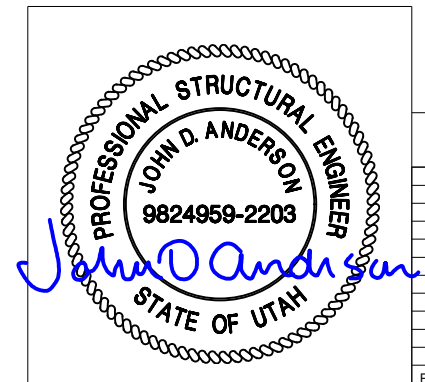


ELEVATION, INTERNAL, WALL-B, GROUNDING

- NOTES:  
 1.REFER SHEET 1-3 FOR GROUNDING NOTES.  
 2.REFER SHEET 3-6 FOR GROUNDING CONNECTIONS.



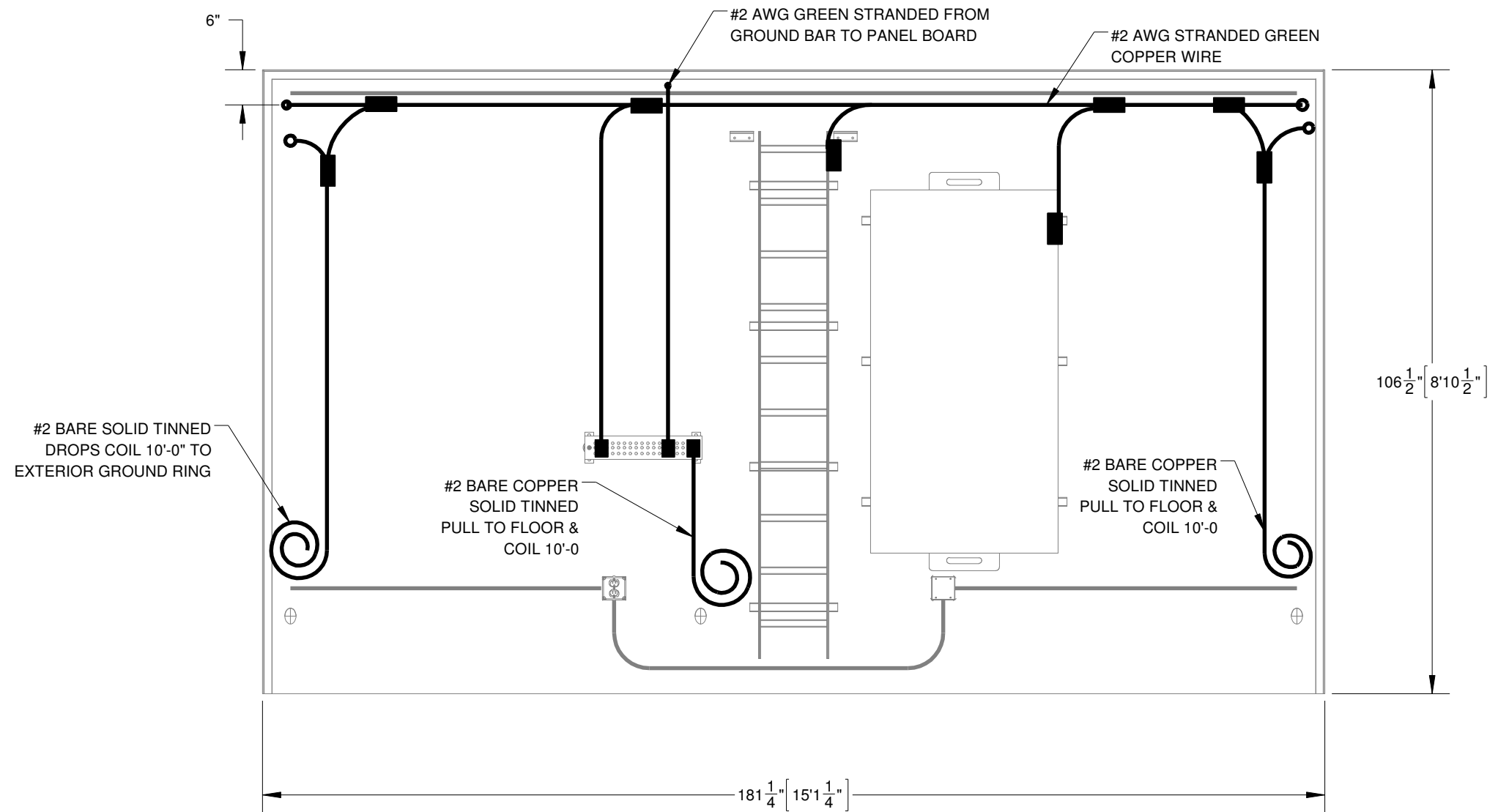
ELEVATION KEY



REV.	BY	DATE	REVISION	APP.

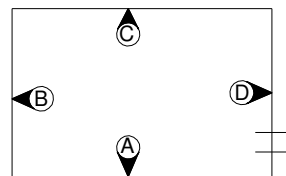
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ELEVATION, INTERNAL, WALL-B, GROUNDING				THIRD ANGLE PROJECTION	
DRN. BY: GD	DATE: 21-DEC-2020	APP. BY: PM	DATE:	SCALE: 1:24	SHEET NO.: 3-3
CHK. BY: JC	DATE:	APP. BY:	DATE:	SIZE: B	DWG NO.: D11401

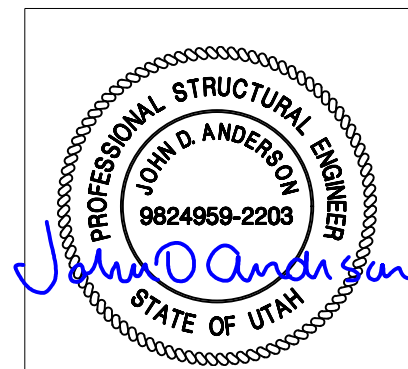


ELEVATION, INTERNAL, WALL-C, GROUNDING

- NOTES:  
 1.REFER SHEET 1-3 FOR GROUNDING NOTES.  
 2.REFER SHEET 3-6 FOR GROUNDING CONNECTIONS.



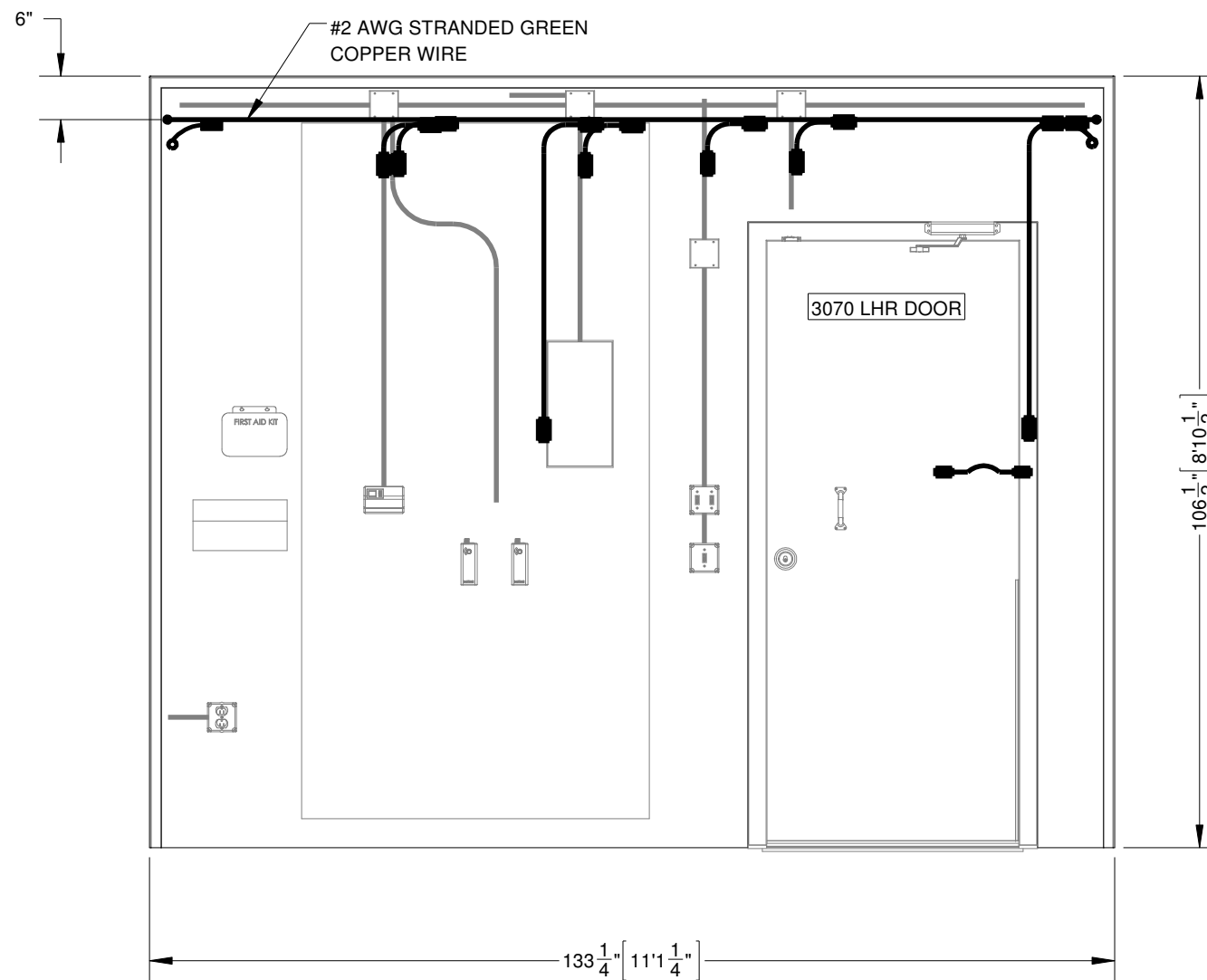
ELEVATION KEY



REV.	BY	DATE	REVISION	APP.

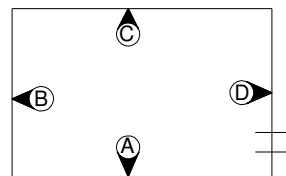
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12' - 0" X 16' - 0" BUILDING				APPROVALS IN PDM DATABASE	
ELEVATION, INTERNAL, WALL-C, GROUNDING				THIRD ANGLE PROJECTION	
DRN. BY: GD	DATE: 21-DEC-2020	APP. BY: PM	DATE:	SCALE: 1:24	SHEET NO.: 3-4
CHK. BY: JC	DATE:	APP. BY:	DATE:	SIZE: B	DWG NO.: D11401

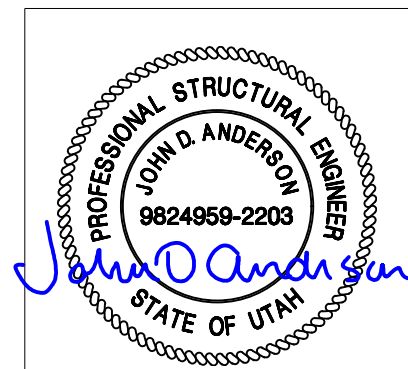


ELEVATION, INTERNAL, WALL-D,GROUNDING

- NOTES:
1. REFER SHEET 3-1 FOR GROUNDING NOTES.
  2. REFER SHEET 3-6 FOR GROUNDING CONNECTIONS.



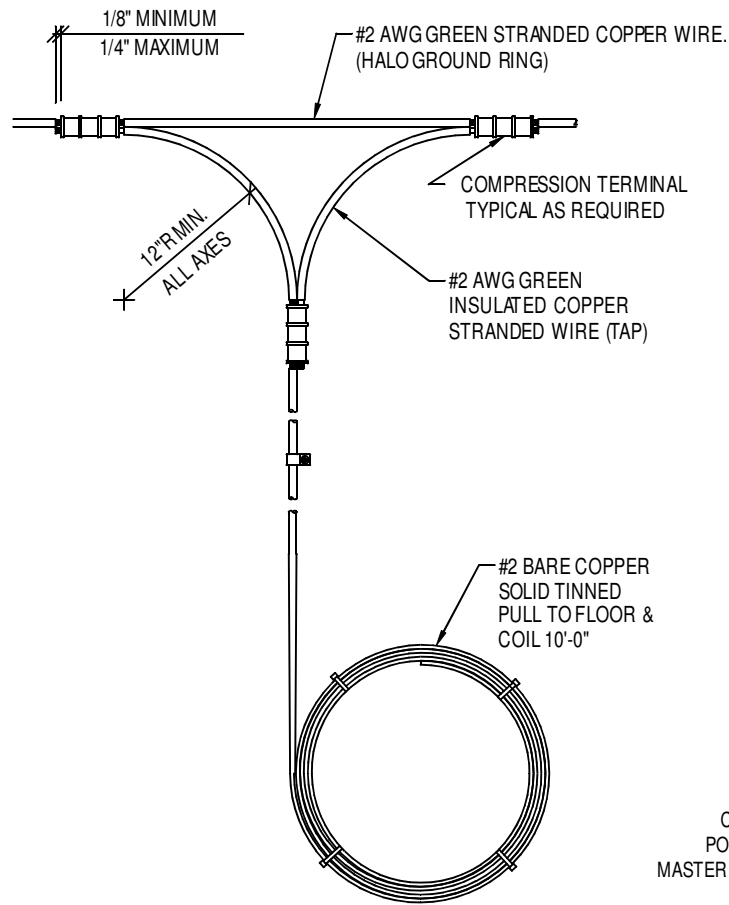
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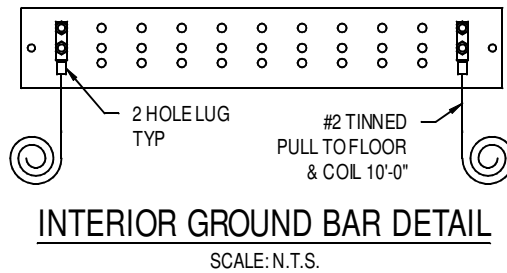
REV.	BY	DATE	REVISION	APP.

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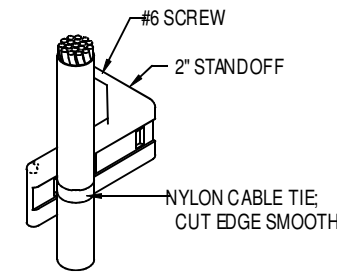
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ALL WEST COMMUNICATIONS				ISSUED FOR: <b>*APPROVAL A.01*</b>	
12' - 0" X 16' - 0" BUILDING				APPROVALS IN PDM DATABASE	
ELEVATION, INTERNAL, WALL-D,GROUNDING				THIRD ANGLE PROJECTION	
DRN. BY: GD	DATE: 19-NOV-2020	APP. BY: PM	DATE:	SCALE 1:24	SHEET NO: 3-5
CHK. BY: JC	DATE:	APP. BY:	DATE:	SIZE B	DWG NO.: D11401



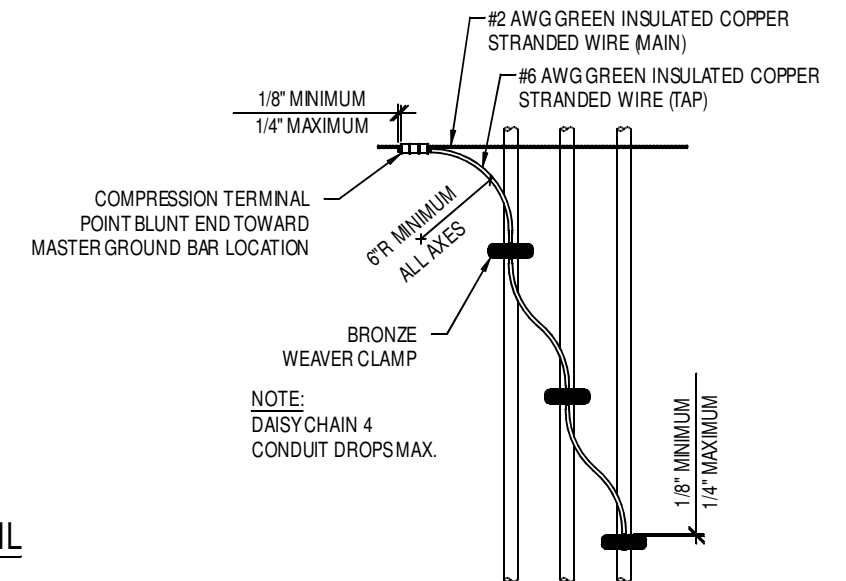
**TYPICAL HALO GROUND GROUND CORNER DETAIL**  
SCALE: N.T.S.



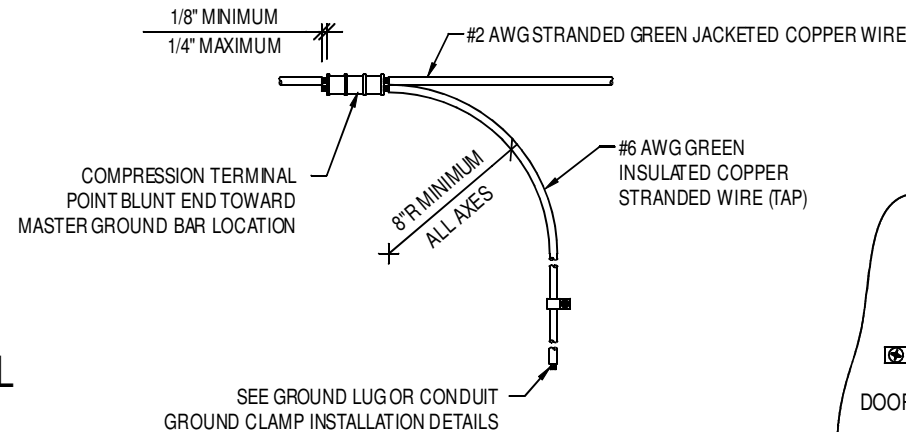
**INTERIOR GROUND BAR DETAIL**  
SCALE: N.T.S.



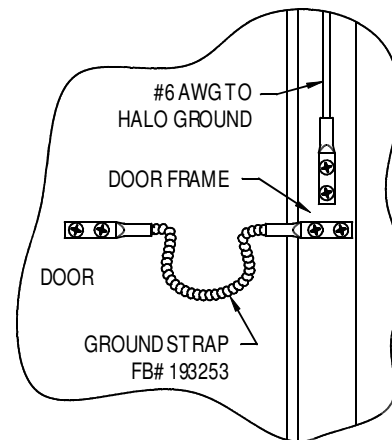
**HALO WIRE SUPPORT DETAIL**  
(TYP. FOR HALO RING & DROPS)



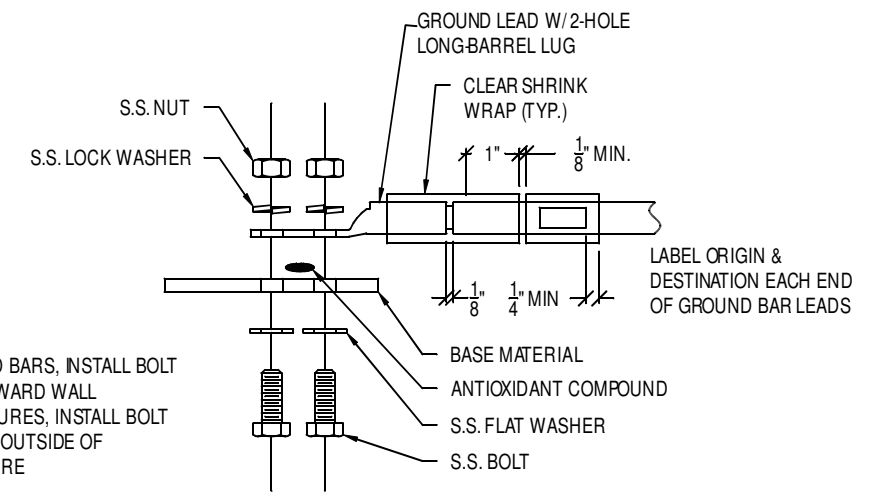
**HALO GROUND CONDUIT DROP DETAIL**  
SCALE: N.T.S.



**HALO GROUND DROP DETAIL**  
SCALE: N.T.S.



**HALO GROUND DOOR CONNECTION DETAIL**  
SCALE: N.T.S.

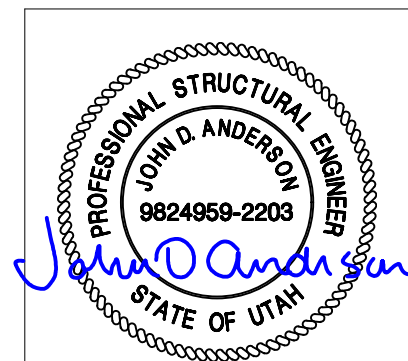


- NOTE:  
1. GROUND BARS, INSTALL BOLT HEAD TOWARD WALL  
2. ENCLOSURES, INSTALL BOLT HEAD ON OUTSIDE OF ENCLOSURE

**GROUND LUG INSTALLATION DETAIL**  
SCALE: N.T.S.

FB #	WIRE SIZE	HOLES	HOLE SPACING
830-12673	#2	(2) 5/16"Ø	5/8"
830-21380	#4	(2) 5/16"Ø	5/8"
830-21023	#6	(2) 5/16"Ø	5/8"
830-21024	#2	(2) 7/16"Ø	1"
830-11703	#4	(2) 7/16"Ø	1"
830-22172	#6	(2) 7/16"Ø	1"
830-20626	2/0	(2) 7/16"Ø	1"

NOTE:  
SEE 1-3 SHEET FOR GROUNDING NOTES



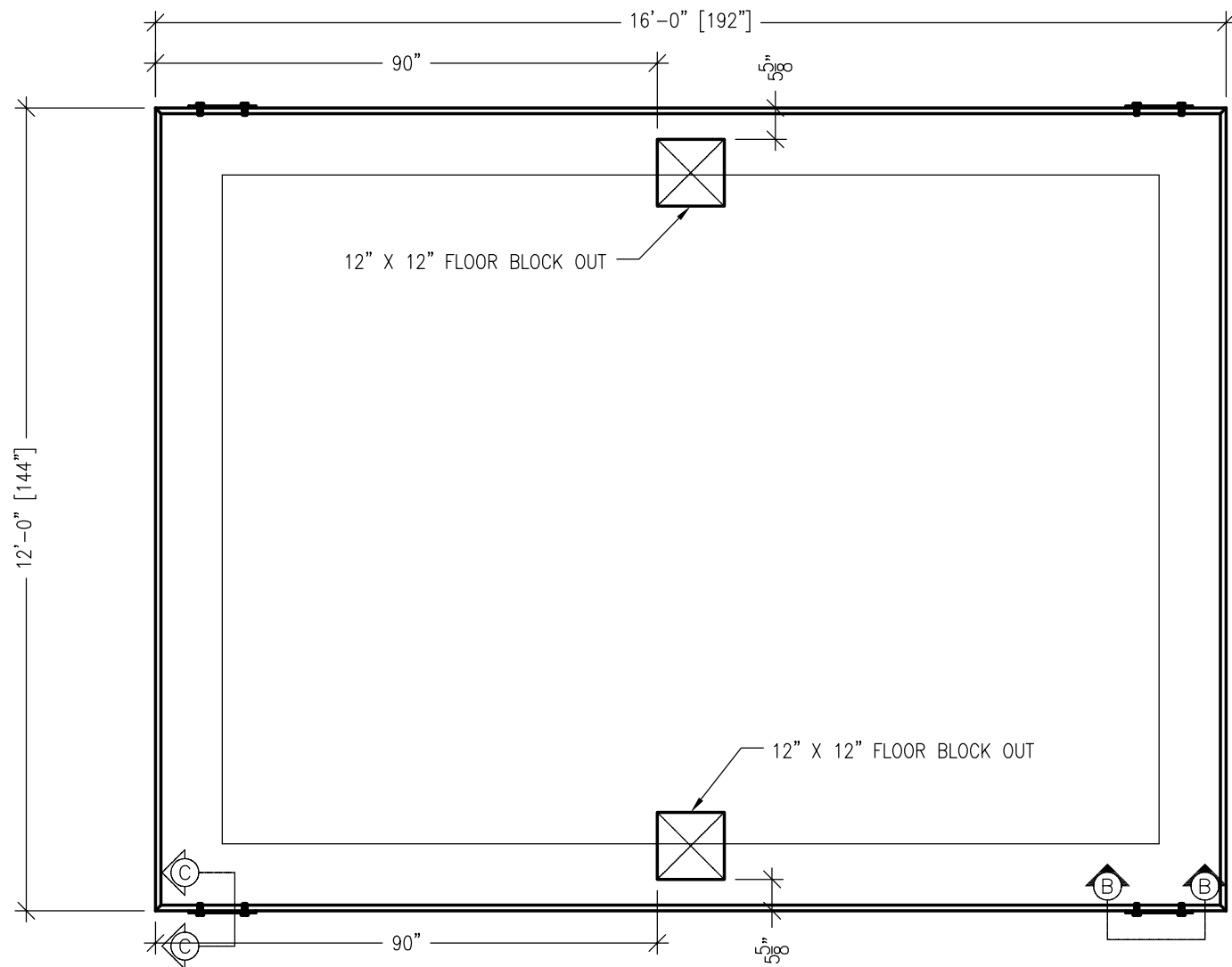
REV.	BY	DATE	REVISION	APP.

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HALO GROUNDING DETAIL		THIRD ANGLE PROJECTION	
DRN. BY: GD	DATE: 21-DEC-2020	APP. BY: PM	DATE:
CHK. BY: JC	DATE:	APP. BY:	DATE:

FIBREBOND	
SCALE: N.T.S.	SHEET NO.: 3-6
SIZE: B	DWG NO.: D11401

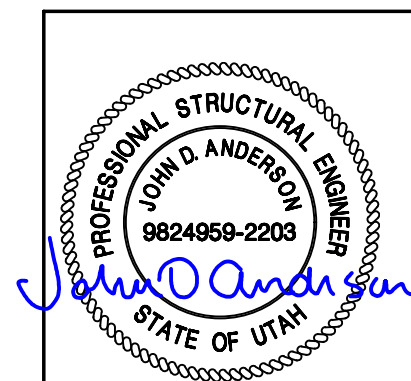
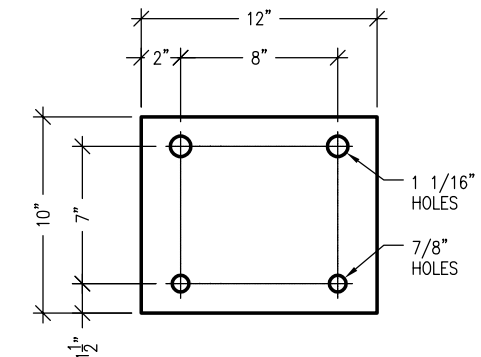
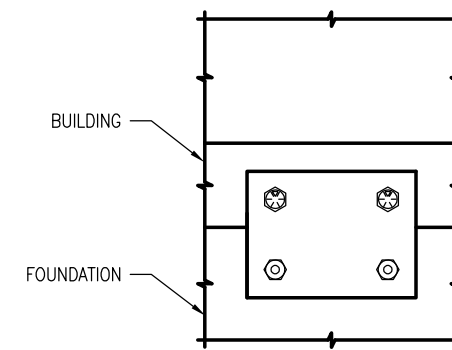
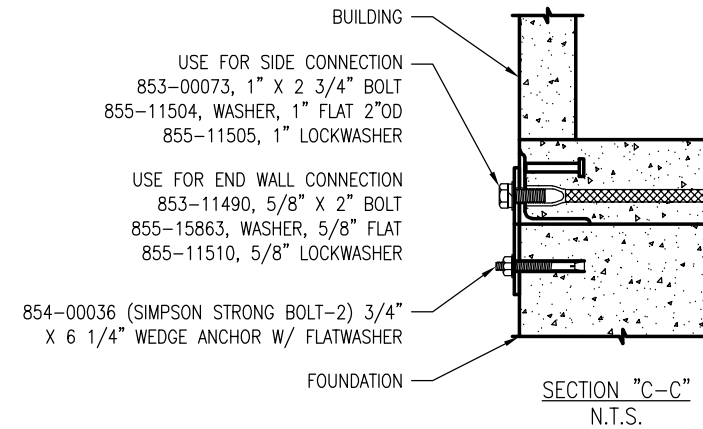




SLAB FOUNDATION  
SCALE: 3/8"=1'-0"

NOTES:

1. SLAB TO BE LEVEL ±1/4"
2. FOOTING TO EXTEND A MINIMUM OF 24" 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 MINIMUM OF 3000 PSI.



REV.	BY	DATE	REVISION	APP.

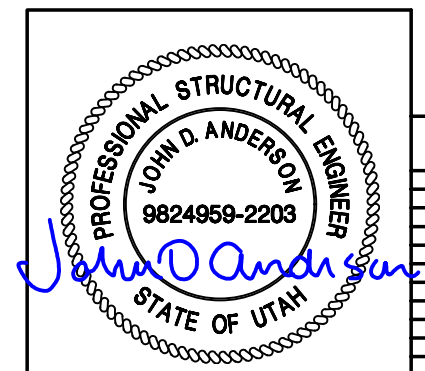
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12'-0" x 16' - 0" BUILDING				APPROVALS IN PDM DATABASE	
FOUNDATION PLAN				THIRD ANGLE PROJECTION	
DRN. BY: GD	DATE: 03-DEC-2020	APP. BY: PM	DATE:	SCALE NOTED	SHEET NO: 4-1
CHK. BY: JC	DATE:	APP. BY:	DATE:	SIZE DWG NO.:	B D11401

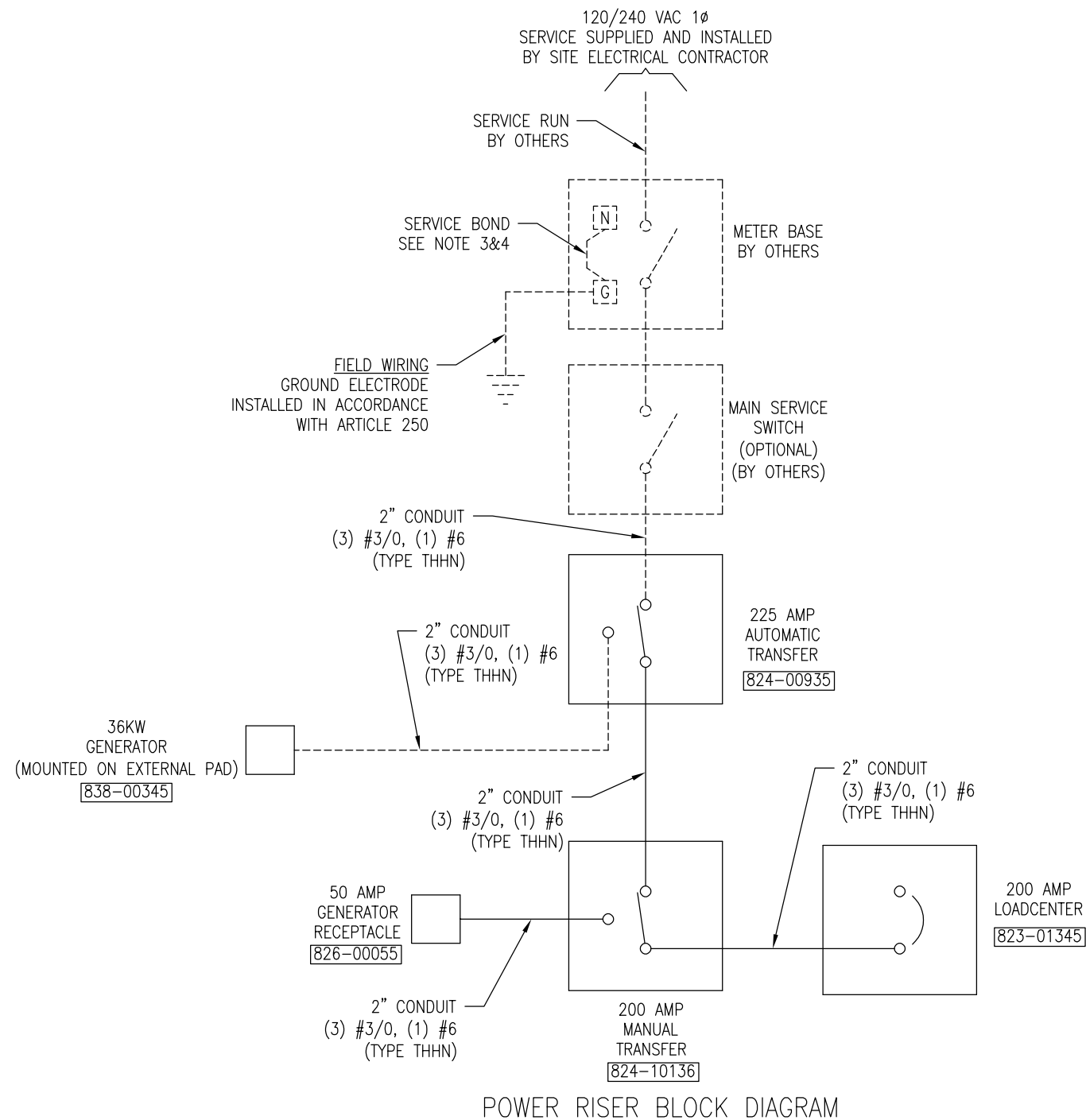
LOAD			LOAD PER PHASE (VA)		WIRE COLOR	LOADS CONTINUOUS	LOADS NON-CONTINUOUS	LOADS SUB-PANEL	WIRE SIZE	GROUNDING WIRE SIZE	TRIP	TRIP	GROUNDING WIRE SIZE	WIRE SIZE	LOADS SUB-PANEL	LOADS NON-CONTINUOUS	LOADS CONTINUOUS	WIRE COLOR	LOAD PER PHASE (VA)		LOAD				
DESCRIPTION	QTY.	UNIT V.A.	PHASE																PHASE		UNIT V.A.	QTY.	DESCRIPTION		
			A	B															A	B					
1	HVAC #1	1	4428	4428	BLK												X	BLK	216		36	6	INTERIOR LIGHTS	2	
3		1	4428		4428	RED												X	RED		15	15	1	EXTERIOR LIGHT	4
5	INTERIOR RECEPTACLES	4	180	900	BLK	X			12	12	20							X	BLK	9		9	1	SMOKE DETECTOR	6
7	EXTERIOR GFCI RECEPTACLE	1	180		RED	X			12	(12)	20							X	RED		1200	1200	1	RECTIFIER #1	8
9	POWER FAIL	1	10	10	BLK	X			12	(12)	20							X	BLK	1200		1200	1		10
11	SPACE				RED													X	RED		1200	1200	1	RECTIFIER #2	12
13	SPACE				BLK													X	BLK	1200		1200	1		14
15	SPACE				RED														RED						16
17	SPACE				BLK														BLK						18
19	SPACE				RED														RED						20
21	SPACE				BLK														BLK						22
23	SPACE				RED														RED						24
25	SPACE				BLK														BLK						26
27	SPACE				RED														RED						28
29	SPACE				BLK														BLK						30
31	SPACE				RED														RED						32
33	SPACE				BLK														BLK						34
35	SPACE				RED														RED						36
37	SPACE				BLK														BLK						38
39	SPACE				RED														RED						40
41	SPACE				BLK														BLK						42
			SUBTOTAL CONTINUOUS	720	180														2,415	2,415	SUBTOTAL CONTINUOUS	TOTAL KVA CONTINUOUS x 1.25	7.44		
			SUBTOTAL NON-CONTINUOUS	4,428	4,428														-	-	SUBTOTAL NON-CONTINUOUS	TOTAL KVA NON-CONTINUOUS	8.86		
			SUBTOTAL SUB-PANEL	-	-														-	-	SUBTOTAL SUB-PANEL	TOTAL KVA SUB-PANEL	-		
PANEL DESIGNATION: ELECTRICAL PANEL (823-01345)																						TOTAL KVA	16.30		
MAIN LUGS: N/A	MAIN BREAKER: 200 AMP	MAIN BREAKER A.I.C RATING: 22,000 A.I.C	BRANCH BREAKER A.I.C RATING: 10,000 A.I.C	BRANCH BREAKER TYPE: CUTTLER HAMMER - SNAP IN	TOTAL AMPS	67.92																			
VOLTAGE: 120/240	CYCLE: 60	PHASE: 1	WIRES: 3	MAIN COPPER BUS: 200 AMPS	NEUTRAL: 200 AMPS																				

KEY:  
 (PC) = PHOTOCCELL  
 (M) = MOTION DETECTOR  
 - = CONDUIT GROUND  
 # = NON-DEDICATED GROUND  
 (#) = DEDICATED GROUND  
 <#> = ISOLATED GROUND

- NOTES:  
 1. ALL WIRE TO BE #12 THHN/THWN UNLESS NOTED OTHERWISE.  
 COLOR CODE:  
 • AØ = BLACK  
 • BØ = RED  
 • NEUTRAL = WHITE  
 • GROUND = GREEN  
 2. ALL WORK TO CONFORM TO N.E.C. LATEST STATE ADOPTED EDITION.  
 LABEL SERVICE DISCONNECT WITH A RED TAG.  
 3. SWITCH LEG CONDUCTORS SHALL BE THE SAME COLOR AS CIRCUIT CONDUCTORS.  
 4. ALL GFCI RECEPTACLES TO HAVE A DEDICATED GROUND WIRE.  
 5. SEE ELECTRICAL SCHEMATIC #2 SHEET FOR MORE DETAILS.  
 6. EQUIPMENT TERMINATION LUGS AND CONDUCTORS ARE RATED AT A MINIMUM OF 75°C.

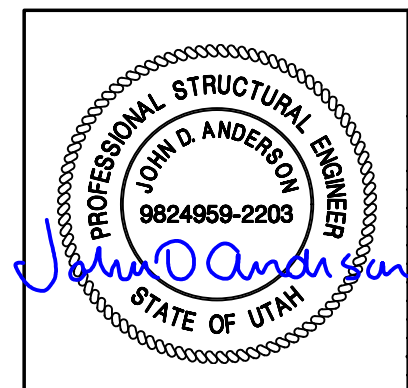


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12'-0" X 16'-0" BUILDING				APPROVALS IN PDM DATABASE	
ELECTRICAL SCHEMATIC #1				THIRD ANGLE PROJECTION	
DRN. BY: GD	DATE: 18-DEC-2020	APP. BY: PM	DATE:	SCALE: NTS	SHEET NO: 5-1
CHK. BY: JC	DATE:	APP. BY:	DATE:	SIZE: B	DWG NO.: D11401



NOTES:

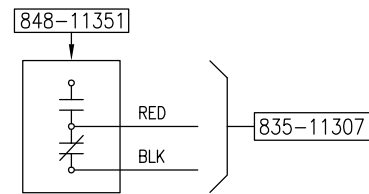
1. ----- DASHED LINES DENOTE FIELD WORK.
2. BUILDING ELECTRICAL SYSTEM IS RATED AT 10,000 A.I.C. IF HIGHER RATINGS ARE REQUIRED, IT IS THE RESPONSIBILITY OF SITE CONTRACTOR/ ENGINEER TO MEET SUCH REQUIREMENTS.
3. SERVICE BOND IS TO BE MADE BY DEVICES (STRAPS, SCREWS, ETC.) SUPPLIED BY EQUIPMENT MANUFACTURER. IF NO SUCH DEVICE IS SUPPLIED, BOND IS TO BE MADE IN ACCORDANCE WITH THE LATEST STATE APPROVED NEC ARTICLE 250.
4. WHEN SERVICE OVERCURRENT DISCONNECT IS FIELD INSTALLED AND HAS A NEUTRAL TO GROUND CONNECTION ESTABLISHED, REMOVE NEUTRAL TO GROUND CONNECTION IN MANUAL TRANSFER.
5. CONDUCTOR OVERCURRENT PROTECTION DEVICES ARE SELECTED IN ACCORDANCE WITH NATIONAL ELECTRIC CODE (ARTICLE 240).
6. CONDUCTOR SIZING IS SELECTED FROM NATIONAL ELECTRIC CODE (ARTICLE 215).
7. ALL LUGS THAT HOLD MORE THAN ONE WIRE SHALL BE LISTED FOR MULTI-BARRELL CONNECTIONS.
8. ALL CONDUCTORS SHALL BE COPPER.
9. LABEL SERVICE DISCONNECT WITH A RED TAG.
10. RECOMMENDED SERVICE ENTRANCE CONDUCTOR SIZE: (3) 3/0 AWG & (1) #4 GROUND



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				ALL WEST COMMUNICATIONS		ISSUED FOR: <b>*APPROVAL A.01*</b>	
				12'-0" X 16'-0" BUILDING		APPROVALS IN PDM DATABASE	
				ELECTRICAL SCHEMATIC #2		THIRD ANGLE PROJECTION	
DRN. BY: GD	DATE: 18-DEC-2020	APP. BY: PM	DATE:	SCALE NTS	SHEET NO: 5-2		
CHK. BY: JC	DATE:	APP. BY:	DATE:	SIZE B	DWG NO.: D11401		
REV.	BY	DATE	REVISION	APP.			

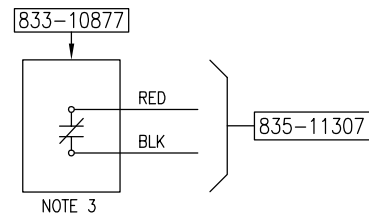
**INTRUSION ALARM**

THE MAGNETIC DOOR ALARMS ARE WIRED NORMALLY OPEN. CONTACTS CLOSE UPON DOOR CLOSURE. WHEN DOOR IS OPENED, CONTACTS OPEN SENDING AN ALARM.



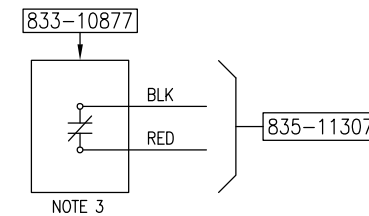
**HIGH TEMPERATURE ALARM**

CONTACTS OPEN UPON TEMPERATURE INCREASE (OR RISE) ABOVE THE SET POINT SENDING AN ALARM. PULL FROM CONTROLLER TERMINALS 9 & 29.



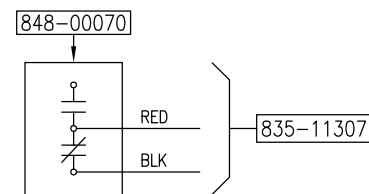
**LOW TEMPERATURE ALARM**

CONTACTS OPEN UPON TEMPERATURE DECREASE (OR FALL) BELOW THE SET POINT RESULTING IN ALARM. PULL FROM CONTROLLER TERMINALS 10 & 30.



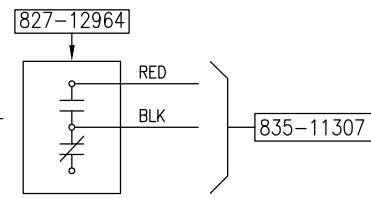
**SMOKE DETECTOR LOCATION**

THE SMOKE ALARM CONTACTS ARE NORMALLY CLOSED UNDER A "NO SMOKE" CONDITION. WHEN SMOKE IS DETECTED THESE CONTACTS OPEN SENDING AN ALARM.

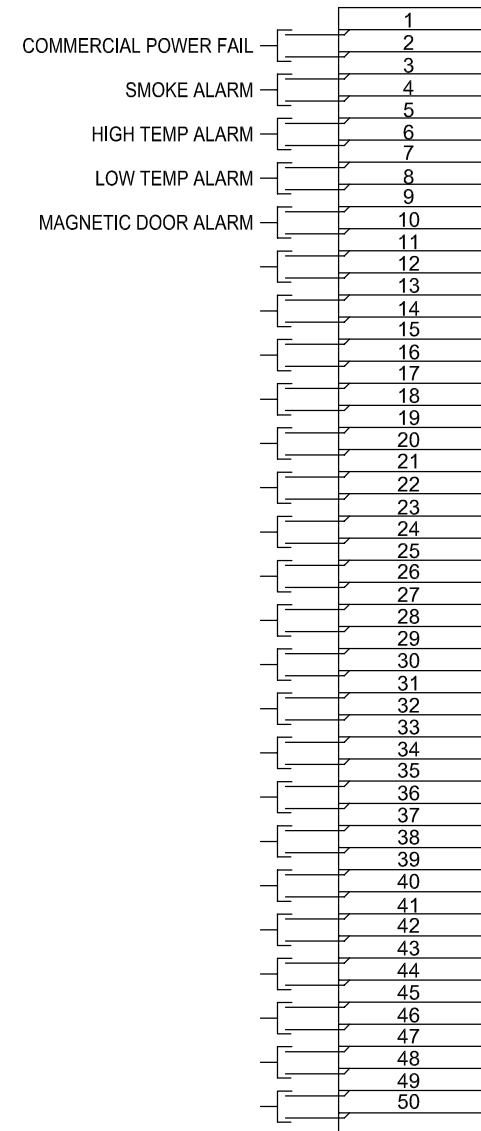


**COMMERCIAL POWER FAIL**

THE COMMERCIAL POWER FAIL RELAY IS CONNECTED TO EACH PHASE OF THE IN-COMING COMMERCIAL POWER. COMMERCIAL POWER IS THE POWER SUPPLIED BY THE UTILITY COMPANY. THE NORMALLY OPEN CONTACTS CLOSE UPON POWER UP OF THE BUILDING. CONTACTS OPEN UPON LOSS OF COMMERCIAL POWER SENDING AN ALARM. (THIS ALARM MUST NOT BE CONNECTED TO THE SYSTEM SUCH THAT IT RECEIVES POWER FROM A GENERATOR, UPS SYSTEM, OR ANY OTHER EMERGENCY POWER SOURCE.)



**ALARM TERMINAL BLOCK 835-11307**

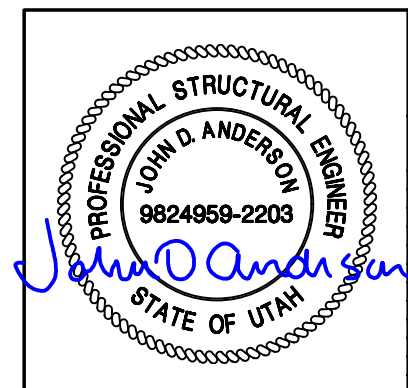


**NOTES:**

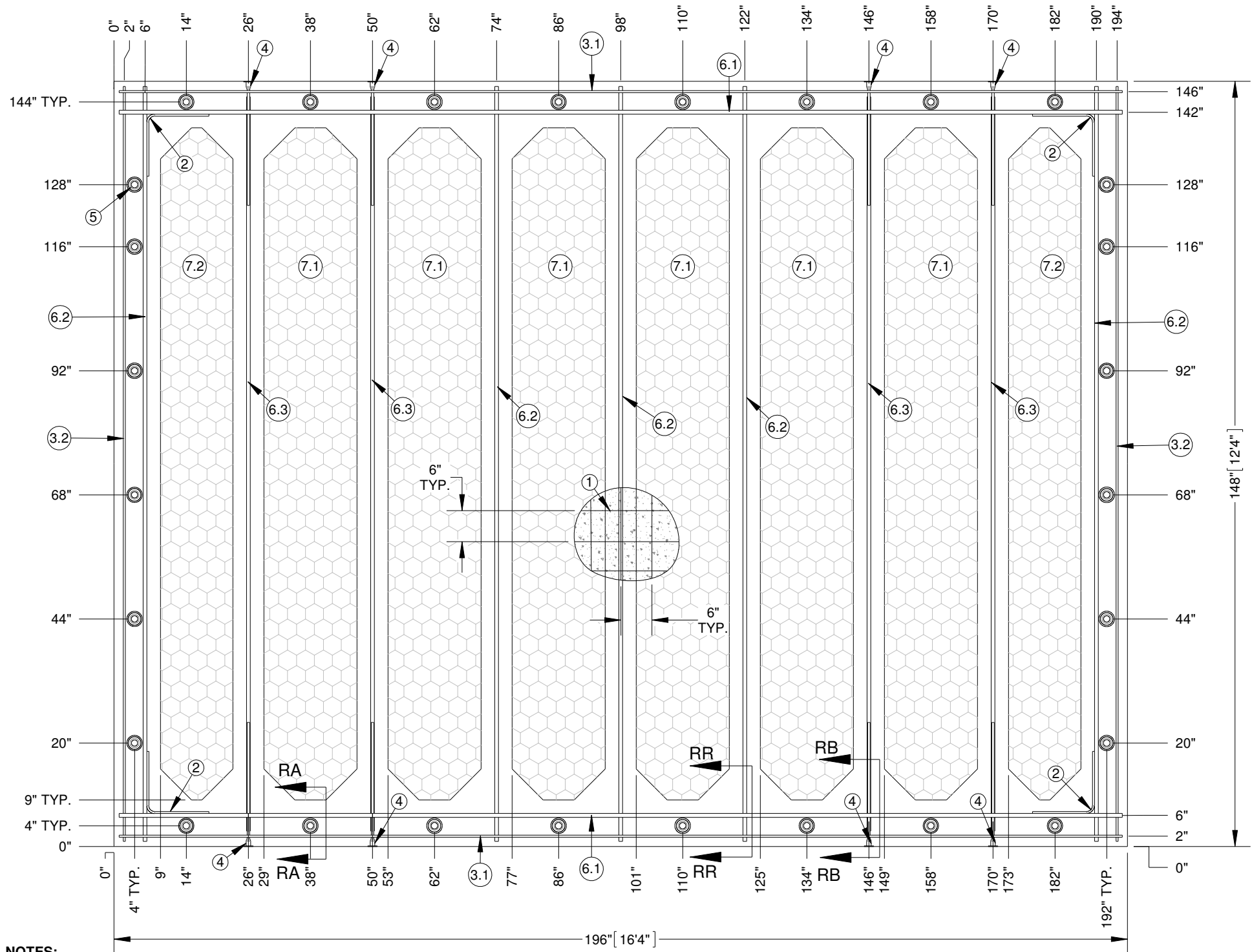
- ALARM STATES SHOWN ARE THE CONDITION AT THE ALARM BLOCK WITH BUILDING POWERED BY COMMERCIAL POWER.
- ALARM WIRES TO BE 22/2 SOLID WIRE UNLESS OTHERWISE SPECIFIED.
  - \* N.C.=BLK      \* N.O.=BLK
  - \* C.=RED        \* C.=RED
- SEE ELEC-0074 FOR SPECIFIC TERMINAL LOCATIONS.
- FOR DC, PLEASE TAPE & TAG ACCORDING TO ELECTRICAL SCHEMATIC #2.
- GENERATOR ALARMS TO BE PULLED ONLY WHEN GENERATOR IS INSTALLED @ FIBREBOND
- APPLY A PERMANENT HEAT SHRINK LABEL TO THE INSULATING JACKET AT EACH END OF THE 2-CONDUCTOR ALARM CABLE. PRINT THE NAME OF THE SPECIFIC ALARM FROM THE DIRECTORY ON ALARM WIRING SHEET #2.
- TAG ALL ALARM WIRES.

REFERENCE DRAWINGS REQUIRED TO COMPLETE THIS SHEET

DRAWING NO.	DESCRIPTION
ELEC-0103	ICM T-STAT - MARVAIR A/C UNIT W/ OR W/O ECONOMIZERS



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ALL WEST COMMUNICATIONS				ISSUED FOR: <b>*APPROVAL A.01*</b>	
12'-0" X 16'-0" BUILDING				APPROVALS IN PDM DATABASE	
ALARM WIRING SHEET #1				THIRD ANGLE PROJECTION	
DRN. BY: GD	DATE: 18-DEC-2020	APP. BY: PM	DATE:	SCALE NTS	SHEET NO: 5-3
CHK. BY: JC	DATE:	APP. BY:	DATE:	SIZE DWG NO.: B	D11401



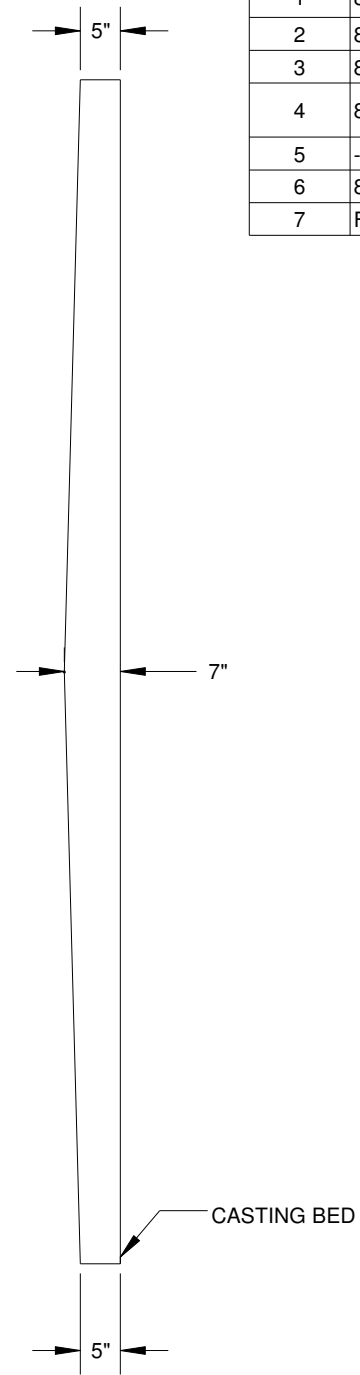
ITEM NO	PART NUMBER	DESCRIPTION	QTY.
1	810-11400	WIRE MESH, 11'-6" X 20' D5-D5	0.87
2	810-11450	REBAR BEND, #3 X 24" 90 DEG	4
3	810-11442	REBAR, #3 (3/8") GRADE 60	56.67
4	806-40448	SPLICER, #4 X 24" DOWEL BAR 78194 (USA - 100%)	8
5	-	POCKET FORMER	28
6	810-11443	REBAR #6, (3/4") GRADE 60	140.5
7	FOAM	3" EPS FOAM INSULATION	-

ITEM NO	DESCRIPTION	QTY.	LENGTH
6.1	#6 REBAR	2	194"
6.2	#6 REBAR	5	146"
6.3	#6 REBAR	4	142"

ITEM NO	DESCRIPTION	QTY.	LENGTH
3.1	#3 REBAR	2	194"
3.2	#3 REBAR	2	146"

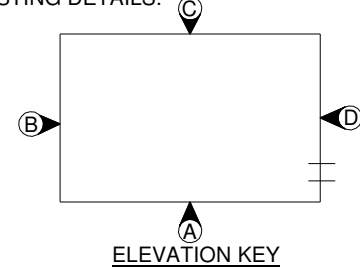
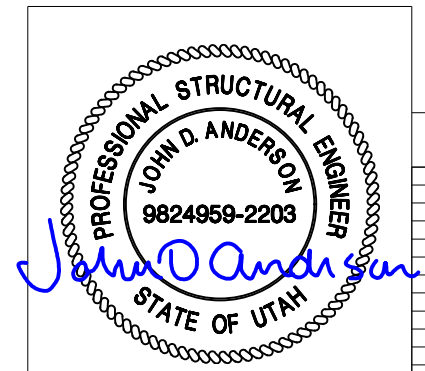
ITEM NO	DESCRIPTION	QTY.	LENGTH	WIDTH
7.1	FOAM	6	130"	18"
7.2	FOAM	2	130"	14"

ALL FOAM CORNERS ARE TO BE CHAMFERED 6"



- NOTES:**
1. ALL REBAR GRADE 60 TYPICAL; SEE STRUCTURAL MISC. DETAIL SHEET FOR REBAR SIZE & SPLICE LENGTHS.
  2. DIAGONAL DIMENSION-  $245\frac{5}{8}$ "
  3. ALL REBAR TO BE TIED AT EACH CROSS OVER.
  4. REFER 6-7 STRUCTURAL ROOF SECTION DETAILS SHEET FOR CASTING DETAILS.

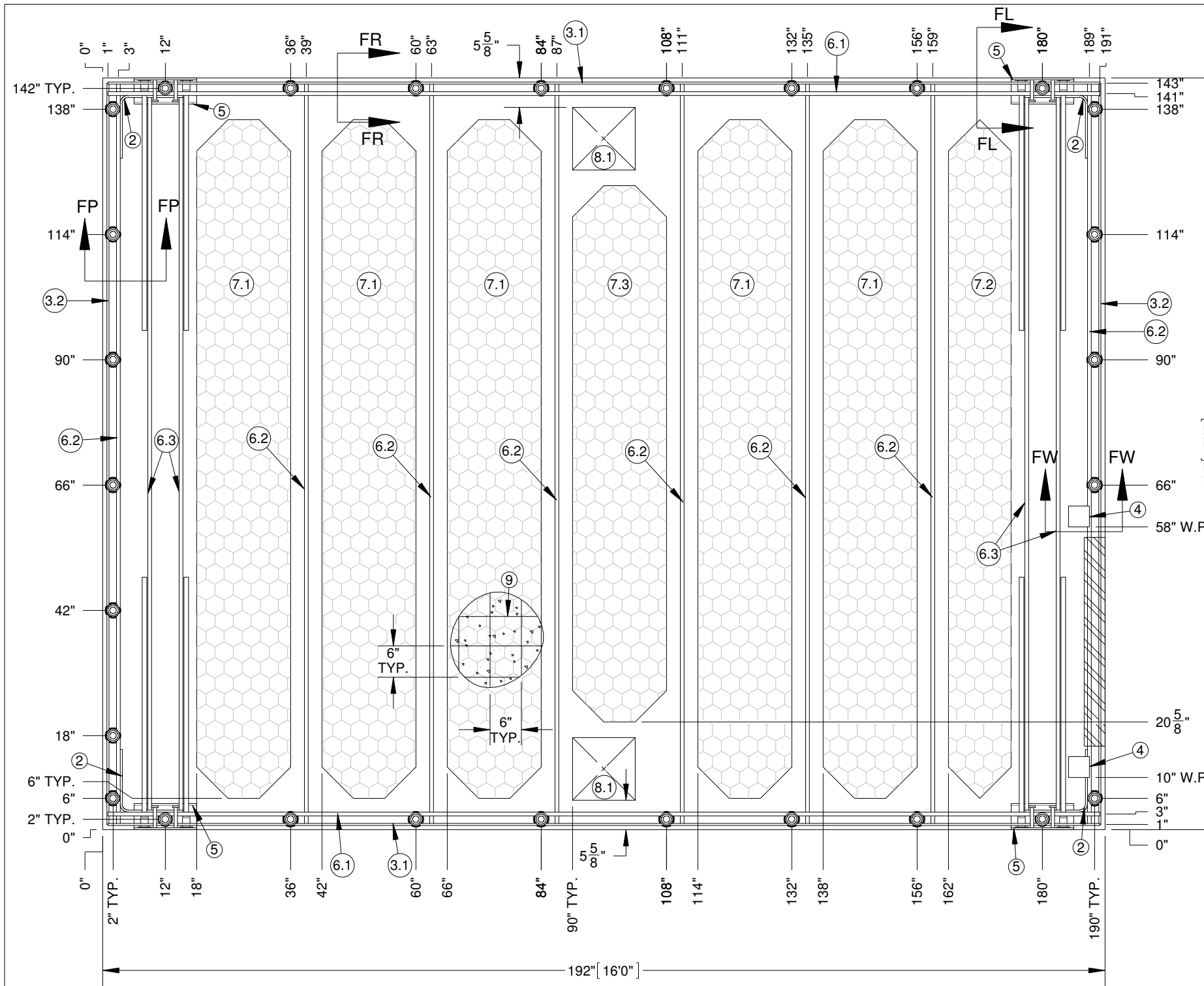
**STRUCTURAL LAYOUT, ROOF**  
201.44 sq.ft



REV.	BY	DATE	REVISION	APP.

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12' - 0" X 16' - 0" BUILDING		APPROVALS IN PDM DATABASE	
STRUCTURAL LAYOUT, ROOF		THIRD ANGLE PROJECTION	
DRN. BY: GD	DATE: 04-JAN-2021	APP. BY: PM	DATE:
CHK. BY: JC	DATE:	APP. BY:	DATE:
SCALE: 1:24	SHEET NO.: 6-1	SIZE: B	DWG NO.: D11401



**STRUCTURAL LAYOUT, FLOOR**  
192 sq.ft

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	-	POCKET FORMER	28
2	810-11450	REBAR BEND, #3 X 24" 90 DEG	4
3	810-11442	REBAR#3 (3/8") GRADE 60	55.33
4	193544	WELD PLATE ASSY 3/8" X 4" X 4" W/ 1/2" X 2 5/8" NELSON STUD	2
5	197748	INTERNAL LIFTING ANGLE ASSEMBLY 3/8" X 5" X 5" X 12" W/ #7 DB'S AND CENTER POCKET FORMER RELIEF	4
6	810-11443	REBAR#6 (3/4") GRADE 60	172.33
7	809-00001	EPS PURCHASE FOAM INSULATION - 130" X 18" X 4"	-
8	FOAM	6" EPS FOAM INSULATION	-
9	810-11400	WIRE MESH, 11'-6" X 20' D5-D5	0.83

ITEM NO	DESCRIPTION	QTY.	LENGTH
3.1	#3 REBAR	2	190"
3.2	#3 REBAR	2	142"

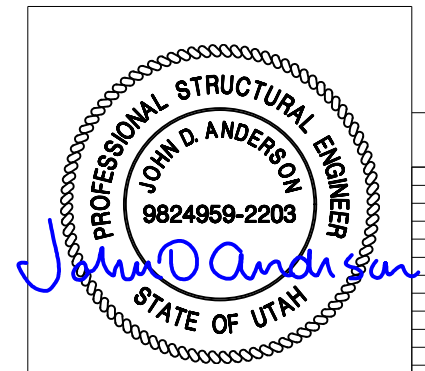
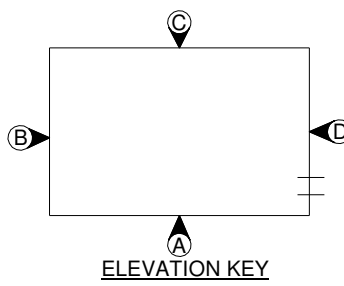
ITEM NO	DESCRIPTION	QTY.	LENGTH
6.1	#6 REBAR	2	190"
6.2	#6 REBAR	8	142"
6.3	#6 REBAR	4	138"

ITEM NO	DESCRIPTION	QTY.	LENGTH	WIDTH
7.1	FOAM	5	130"	18"
7.2	FOAM	1	130"	12"
7.3	FOAM	1	102 3/4"	18"

ALL FOAM CORNERS ARE TO BE CHAMFERED 6"

ITEM NO	QTY.	DESCRIPTION	LENGTH	WIDTH
8.1	2	FOAM	12"	12"

- NOTES:
- 6" FLOOR; SEE STRUCTURAL MISC. DETAIL SHEET.
  - ALL REBAR GRADE 60 TYPICAL SEE MISC. DETAIL SHEET FOR REBAR SIZE & SPLICE LENGTHS.
  - DIAGONAL DIMENSION - 240"
  - REBAR AROUND PERIMETER TO BE TIED AT EACH CROSSOVER. REMAINDER TO BE TIED AT EVERY 4TH CROSSOVER. APPROX. 2'-0" O.C.
  - PREPARE FLOOR FOR TILE TO CONCRETE.
  - REFER SHEET 6-8 STRUCTURAL FLOOR SECTION DETAILS SHEET FOR CASTING DETAIL.



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**FIBREBOND**

ISSUED FOR:  
**\*APPROVAL A.01\***

ALL WEST COMMUNICATIONS

12' - 0" X 16' - 0" BUILDING

APPROVALS IN PDM DATABASE

STRUCTURAL LAYOUT, FLOOR

THIRD ANGLE PROJECTION

DRN. BY: GD DATE: 04-JAN-2021 APP. BY: PM DATE: SCALE: 1:24 SHEET NO.: 6-2

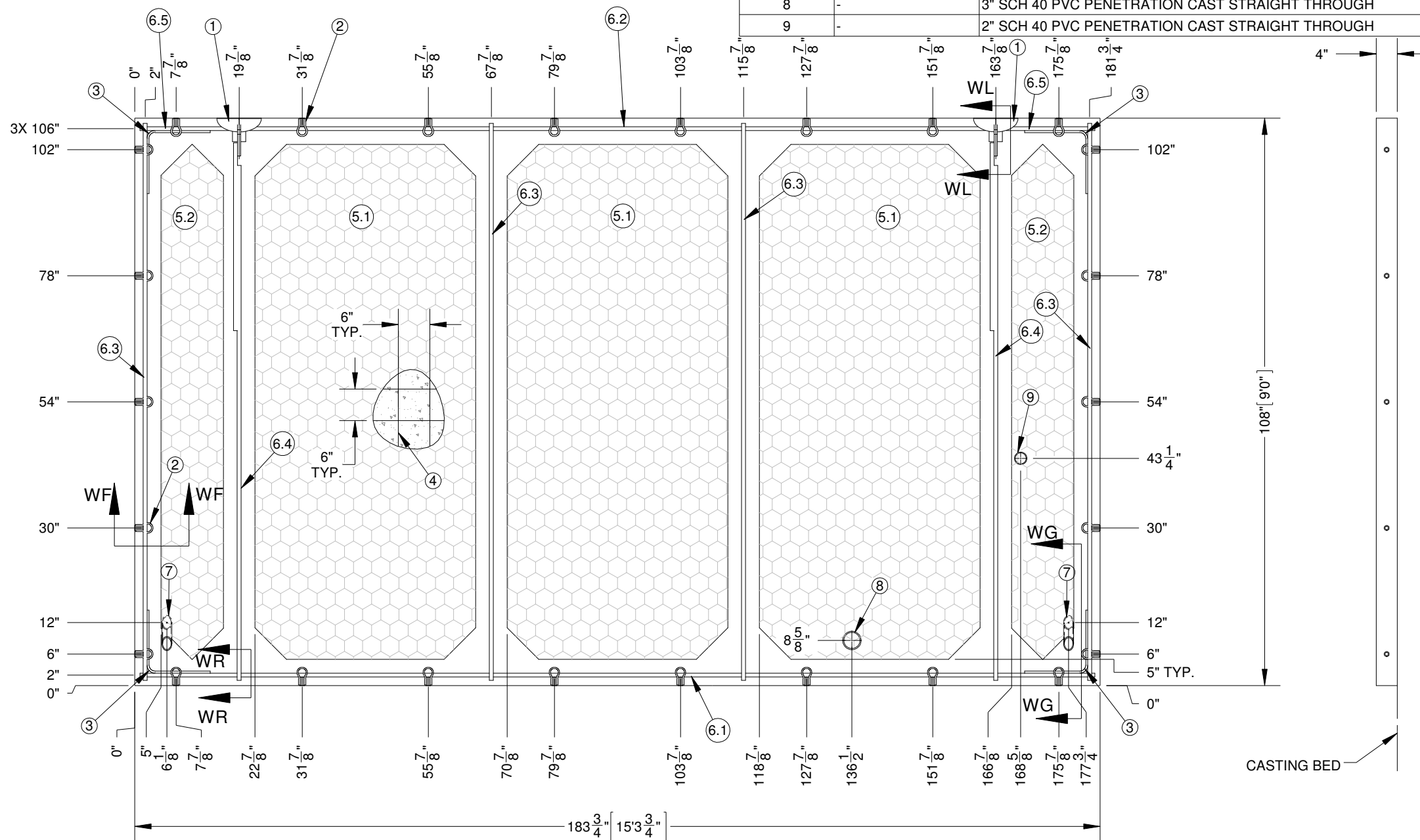
CHK. BY: JC DATE: APP. BY: DATE: SIZE: DWG NO.: B D11401

ITEM NO	DESCRIPTION	QTY.	LENGTH
6.1	#6 REBAR	1	181 3/4"
6.2	#6 REBAR	1	140"
6.3	#6 REBAR	4	106"
6.4	#6 REBAR	2	98"
6.5	#6 REBAR	2	16 7/8"

ITEM NO	DESCRIPTION	QTY.	LENGTH	WIDTH
5.1	FOAM	3	98"	42"
5.2	FOAM	2	98"	11 7/8"

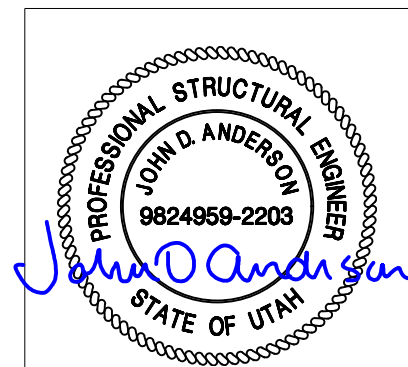
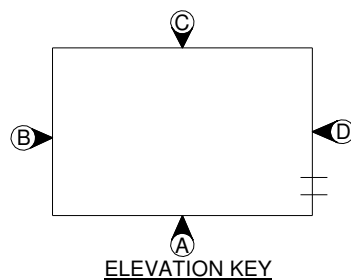
ALL FOAM CORNERS ARE TO BE CHAMFERED 6"

ITEM#	PART NUMBER	DESCRIPTION	QTY.
1	198228	ERECTION HEAD ANCHOR ASSY WITH SHEAR PLATE, 3'-0"	2
2	806-11377	Insert, 5/8"-11 (F-42) 122450 (USA - 100%)	26
3	810-11450	REBAR BEND, #3 X 24" 90 DEG	4
4	810-11400	WIREMESH, 11'-6" X 20' D5-D5	0.59
5	809-13622	EPS PURCHASE FOAM INSULATION - 98" X 42" X 1 1/2"	-
6	810-11443	REBAR, #6 (3/4") A615 GRADE 60	81.29
7	-	1 1/2" PVC CAST @ 45°	2
8	-	3" SCH 40 PVC PENETRATION CAST STRAIGHT THROUGH	1
9	-	2" SCH 40 PVC PENETRATION CAST STRAIGHT THROUGH	1



- NOTES:
1. TYPICAL 4" WALL PANEL; SEE STRUCTURAL MISC. DETAIL SHEET.
  2. SIDE PANEL CAST EXTERIOR SIDE UP.
  3. ALL REBAR GRADE 60 TYPICAL; SEE STRUCTURAL MISC. DETAIL SHEET FOR REBAR SIZE & SPLICE LENGTHS.
  4. DIAGONAL DIMENSION -  $213\frac{1}{8}$ "
  5. ALL REBAR TO BE TIED AT EACH CROSS OVER.
  6. REFER 6-9 STRUCTURAL WALL SECTION DETAILS SHEET FOR CASTING DETAILS.

STRUCTURAL LAYOUT, SIDE PANEL-A  
137.81 sq.ft



REV.	BY	DATE	REVISION	APP.

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12' - 0" X 16' - 0" BUILDING				APPROVALS IN PDM DATABASE	
STRUCTURAL LAYOUT, SIDE PANEL-A				THIRD ANGLE PROJECTION	
DRN. BY: GD	DATE: 31-DEC-2020	APP. BY: PM	DATE:	SCALE: 1:24	SHEET NO.: 6-3
CHK. BY: JC	DATE:	APP. BY:	DATE:	SIZE: B	DWG NO.: D11401

ITEM NO	DESCRIPTION	QTY.	LENGTH
3.1	#3 REBAR	2	106"

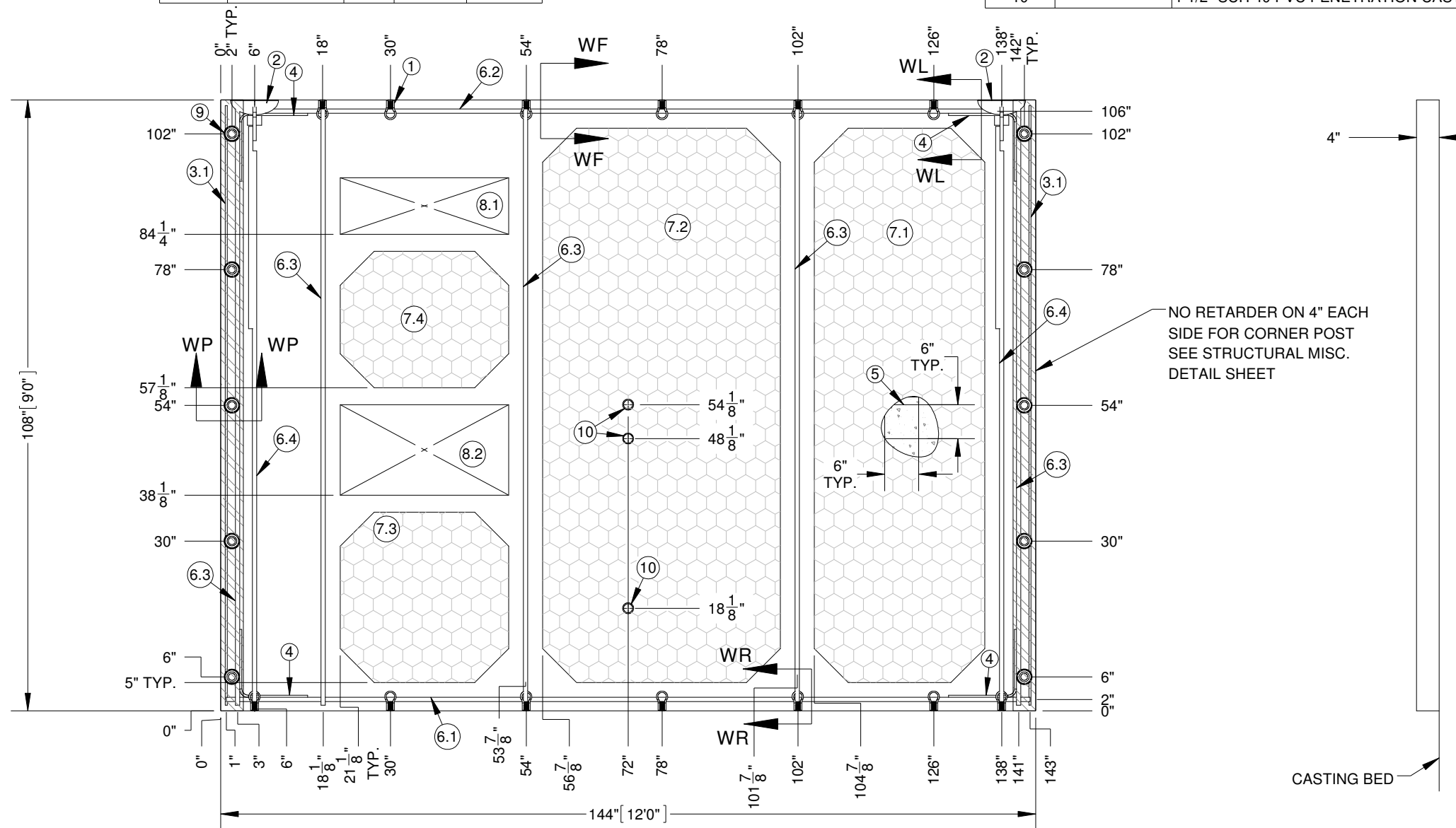
ITEM NO	DESCRIPTION	QTY.	LENGTH
6.1	#6 REBAR	1	142"
6.2	#6 REBAR	1	128"
6.3	#6 REBAR	5	106"
6.4	#6 REBAR	2	98"

ITEM NO	QTY.	DESCRIPTION	LENGTH	WIDTH
7.1	1	FOAM	98"	30 1/8"
7.2	1	FOAM	98"	42"
7.3	1	FOAM	30 1/8"	29 3/4"
7.4	1	FOAM	24 1/8"	29 3/4"

ITEM NO	PART NUMBER	DESCRIPTION	QTY.
1	806-11377	Insert, 5/8"-11 (F-42) 122450 (USA - 100%)	13
2	198228	ERECTION HEAD ANCHOR ASSY WITH SHEAR PLATE, 3'-0"	2
3	810-11442	REBAR, #3 (3/8") GRADE 60	17.67
4	810-11450	REBAR BEND, #3 X 24" 90 DEG	4
5	810-11400	WIRE MESH, 11'-6" X 20'-0" D5-D5	0.46
6	810-11443	REBAR#6 (3/4") GRADE 60	83
7	809-13622	EPS PURCHASE FOAM INSULATION - 98" X 42" X 1 1/2"	-
8	-	4" EPS FOAM INSULATION	-
9	-	POCKET FORMER	10
10	-	1 1/2" SCH 40 PVC PENETRATION CAST STRAIGHT THROUGH	3

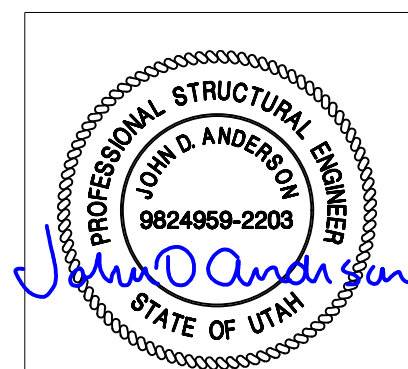
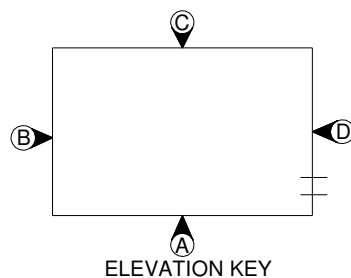
ALL FOAM CORNERS ARE TO BE CHAMFERED 6"

ITEM NO	DESCRIPTION	QTY.	LENGTH	WIDTH
8.1	FOAM	1	10"	29 3/4"
8.2	FOAM	1	16"	29 3/4"



NO RETARDER ON 4" EACH SIDE FOR CORNER POST SEE STRUCTURAL MISC. DETAIL SHEET

- NOTES:
1. TYPICAL 4" WALL PANEL; SEE STRUCTURAL MISC. DETAIL SHEET.
  2. END PANEL CAST EXTERIOR SIDE UP.
  3. ALL REBAR GRADE 60 TYPICAL; SEE STRUCTURAL MISC. DETAIL SHEET FOR REBAR SIZE & SPLICE LENGTHS.
  4. DIAGONAL DIMENSION - 180"
  5. ALL REBAR TO BE TIED AT EACH CROSS OVER.
  6. REFER 6-9 STRUCTURAL WALL SECTION DETAILS SHEET FOR CASTING DETAILS.



STRUCTURAL LAYOUT, END PANEL-B  
108 sq.ft

REV.	BY	DATE	REVISION	APP.

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12' - 0" X 16' - 0" BUILDING				APPROVALS IN PDM DATABASE	
STRUCTURAL LAYOUT, END PANEL-B				THIRD ANGLE PROJECTION	
DRN. BY: GD	DATE: 04-JAN-2021	APP. BY: PM	DATE:	SCALE: 1:24	SHEET NO.: 6-4
CHK. BY: JC	DATE:	APP. BY:	DATE:	SIZE: B	DWG NO.: D11401

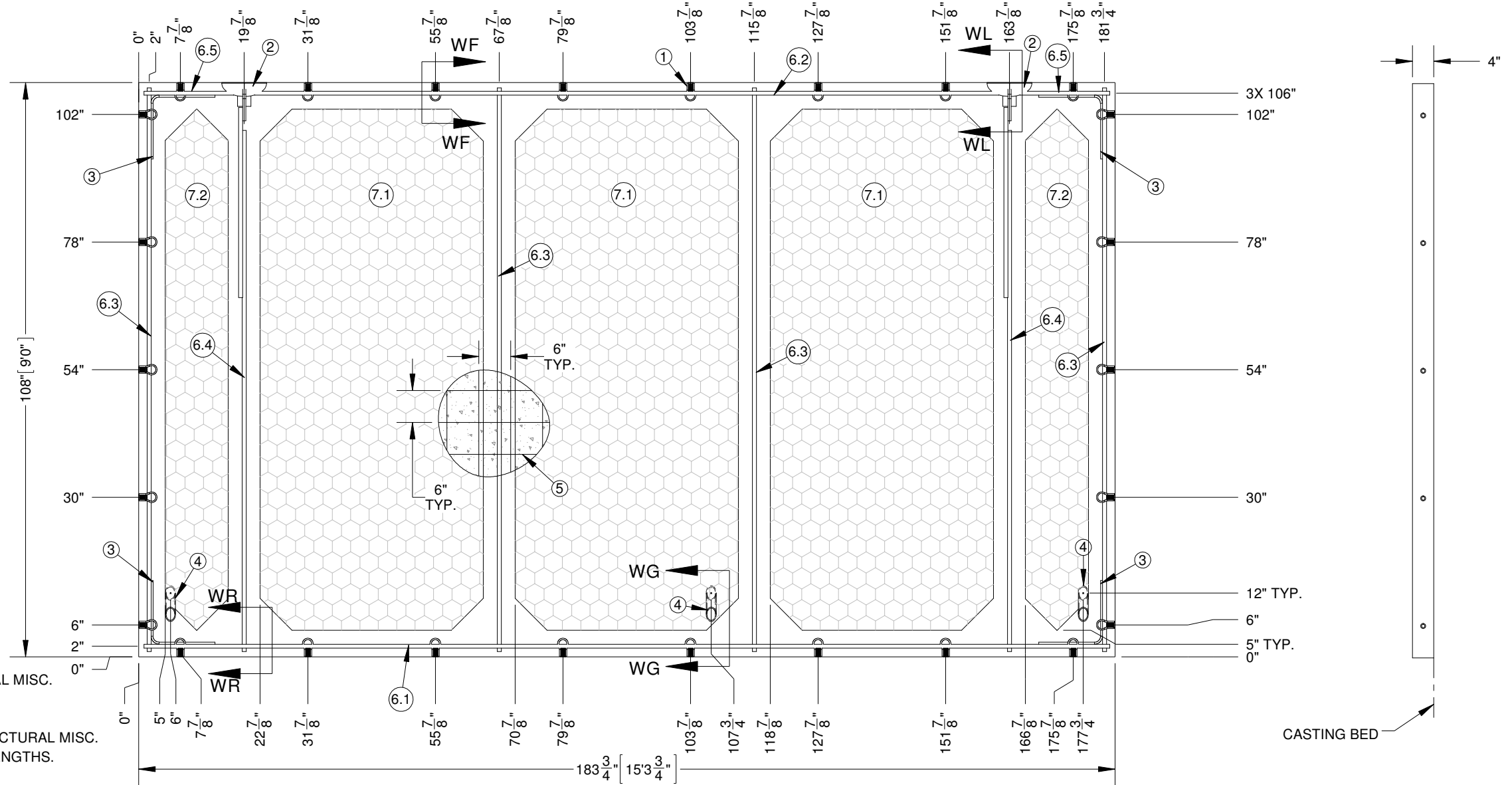


ITEM NO	DESCRIPTION	QTY.	LENGTH
6.1	#6 REBAR	1	181 3/4"
6.2	#6 REBAR	1	140"
6.3	#6 REBAR	4	106"
6.4	#6 REBAR	2	98"
6.5	#6 REBAR	2	16 7/8"

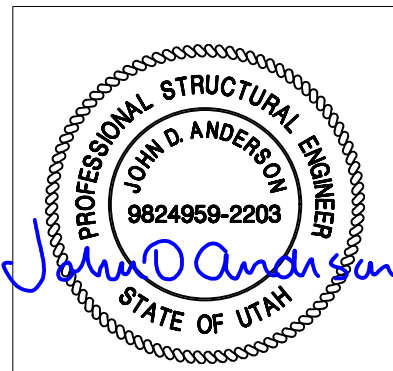
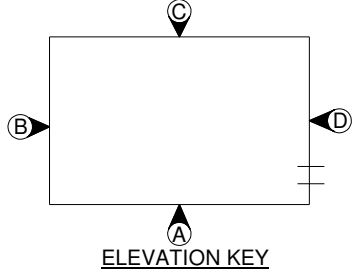
ITEM NO	DESCRIPTION	QTY.	WIDTH	LENGTH
7.1	FOAM	3	42"	98"
7.2	FOAM	2	11 7/8"	98"

ALL FOAM CORNERS ARE TO BE CHAMFERED 6"

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	806-11377	Insert, 5/8"-11 (F-42) 122450 (USA - 100%)	26
2	198228	ERECTION HEAD ANCHOR ASSY WITH SHEAR PLATE, 3'-0"	2
3	810-11450	REBAR BEND, #3 X 24" 90 DEG	4
4	-	1 1/2" PVC CAST @ 45°	3
5	810-11400	WIRE MESH, 11'-6" X 20' D5-D5	0.59
6	810-11443	REBAR, #6 (3/4"), GRADE 60	81.29
7	809-13622	EPS PURCHASE FOAM INSULATION - 98" X 42" X 1 1/2"	-



- NOTES:
1. TYPICAL 4" WALL PANEL; SEE STRUCTURAL MISC. DETAIL SHEET.
  2. SIDE PANEL CAST EXTERIOR SIDE UP.
  3. ALL REBAR GRADE 60 TYPICAL; SEE STRUCTURAL MISC. DETAIL SHEET FOR REBAR SIZE & SPLICE LENGTHS.
  4. DIAGONAL DIMENSION - 213 1/8"
  5. ALL REBAR TO BE TIED AT EACH CROSS OVER.
  6. REFER 6-9 STRUCTURAL WALL SECTION DETAILS SHEET FOR CASTING DETAILS.



**STRUCTURAL LAYOUT, SIDE PANEL - C**  
137.813 sq.ft.

REV.	BY	DATE	REVISION	APP.

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12' - 0" X 16' - 0" BUILDING				APPROVALS IN PDM DATABASE	
STRUCTURAL LAYOUT, SIDE PANEL-C				THIRD ANGLE PROJECTION	
DRN. BY: GD	DATE: 04-JAN-2021	APP. BY: PM	DATE:	SCALE: 1:24	SHEET NO.: 6-5
CHK. BY: JC	DATE:	APP. BY:	DATE:	SIZE: B	DWG NO.: D11401

ITEM NO	DESCRIPTION	QTY.	LENGTH
3.1	#3 REBAR	2	106"

ITEM NO	DESCRIPTION	QTY.	LENGTH	WIDTH
7.1	FOAM	1	98"	42"
7.2	FOAM	1	80 1/2"	24"

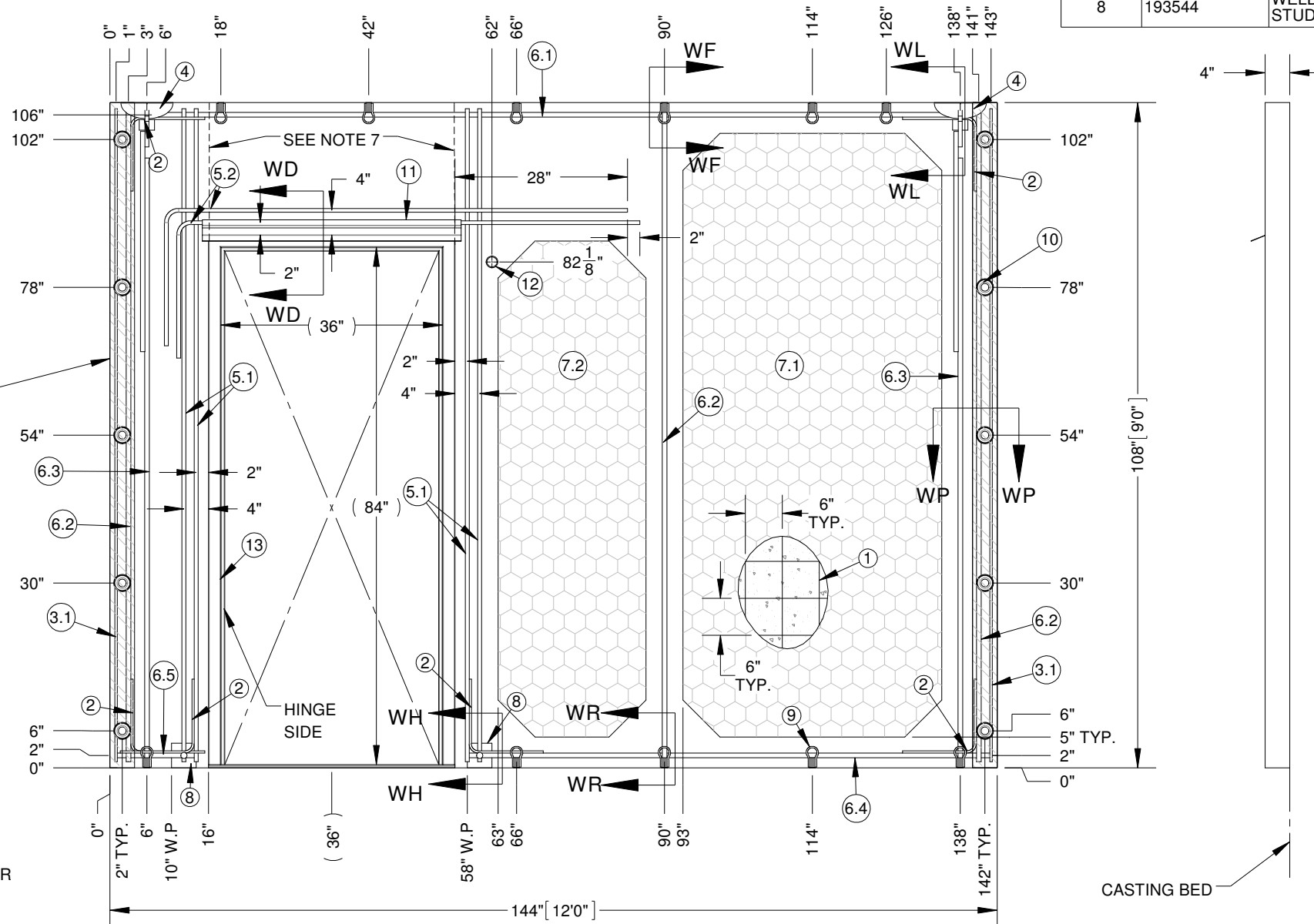
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
9	806-11377	Insert, 5/8"-11 (F-42) 122450 (USA - 100%)	11
10	-	POCKET FORMER	10
11	847-00345	DRIP STRIP, 42" CAST-IN 18 GAUGE GALVANIZED STEEL, EDGES SPRAYED COLD GALV	1
12	-	1 1/2" SCH 40 PVC PENETRATION CAST STRAIGHT THROUGH	1
13	198681	DOOR FRAME ASSEMBLY 3070 RH 4 INCH 14 GAUGE GALVANIZED SINGLE RABBET WITH 1/2 INCH C CHANNEL PREMIER	1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	810-11400	WIRE MESH, 11'-6"X 20'-0" D5-D5	0.47
2	810-11450	REBAR BEND, #3 X 24" 90 DEG	6
3	810-11442	REBAR, #3 (3/8") GRADE 60	17.67
4	198228	ERECTION HEAD ANCHOR ASSY WITH SHEAR PLATE, 3'-0"	2
5	810-40462	REBAR, #5 (5/8") GRADE 60	51.33
6	810-11443	REBAR, #6 (3/4") GRADE 60	61.67
7	809-13622	EPS PURCHASE FOAM INSULATION - 98" X 42" X 1 1/2"	-
8	193544	WELD PLATE ASSY 3/8" X 4" X 4" W/ 1/2" X 2 5/8" NELSON STUD	2

ITEM NO	DESCRIPTION	QTY.	LENGTH
5.1	#5 REBAR	4	106"
5.2	#5 REBAR	2	96"

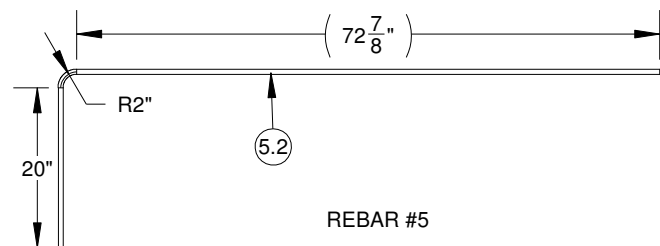
ALL FOAM CORNERS ARE TO BE CHAMFERED 6"

ITEM NO	DESCRIPTION	QTY.	LENGTH
6.1	#6 REBAR	1	128"
6.2	#6 REBAR	3	106"
6.3	#6 REBAR	2	98"
6.4	#6 REBAR	1	85"
6.5	#6 REBAR	1	13"

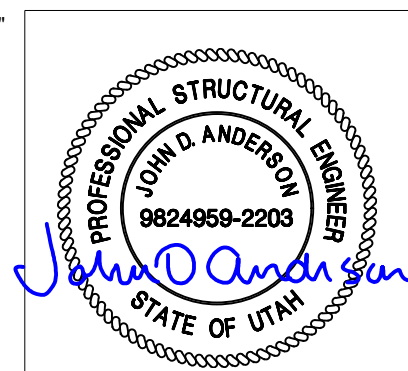
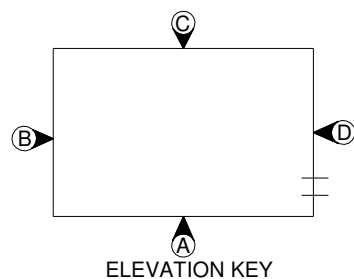


**STRUCTURAL LAYOUT, END PANEL - D**  
108.00 sq.ft.

NO RETARDER ON 4" EACH SIDE FOR CORNER POST SEE STRUCTURAL MISC. DETAIL SHEET



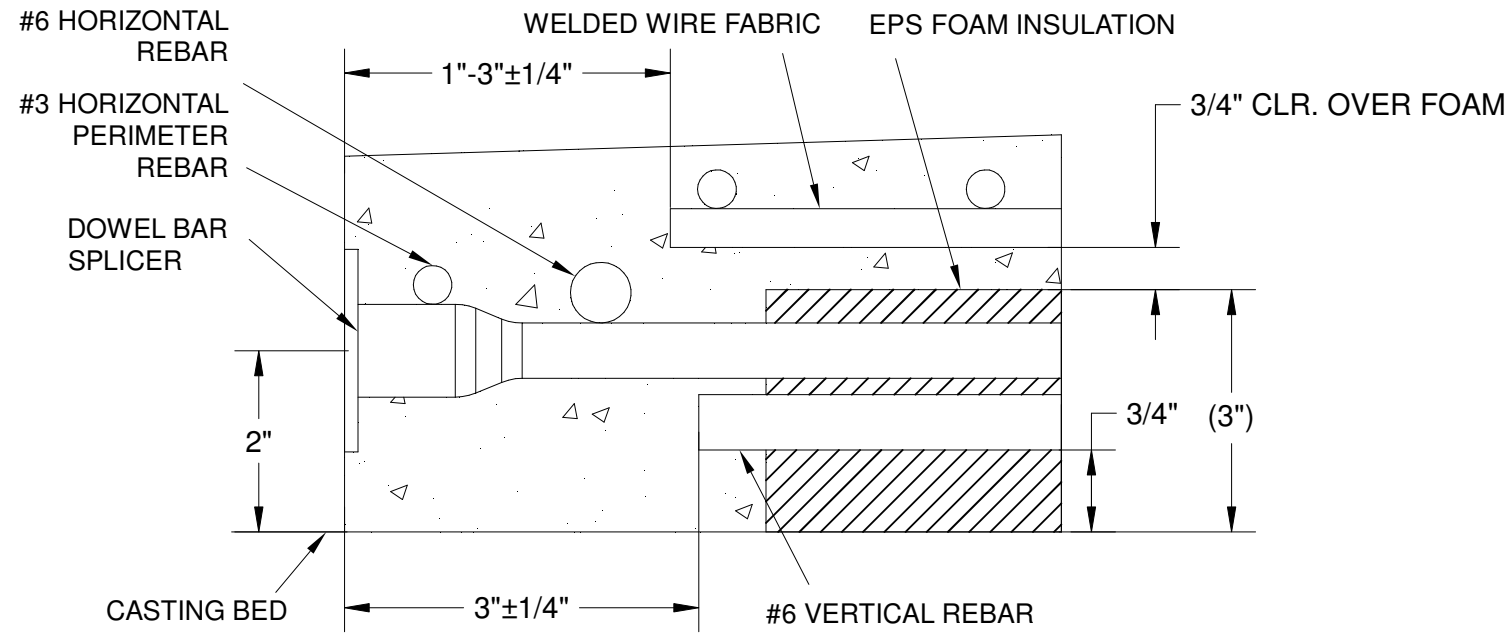
- NOTES:
1. TYPICAL 4" WALL PANEL; SEE MISC. DETAIL SHEET.
  2. END PANEL CAST EXTERIOR SIDE UP.
  3. ALL REBAR GRADE 60 TYPICAL; SEE MISC. DETAIL SHEET FOR REBAR SIZE & SPLICE LENGTHS.
  4. DIAGONAL DIMENSION- 180"
  5. ALL REBAR TO BE TIED AT EACH CROSS OVER.
  6. REFER 6-9 WALL SECTION DETAILS SHEET FOR CASTING DETAILS.
  7. FOR ALL AGGREGATE FINISHES: FLOAT INCONTROL JOINT FB#816-22500. CAULK SEAM. FOR ALL OTHER FINISHES: SAW CUT 1/8" WIDE x 1/8" DEEP CONTROL JOINT.



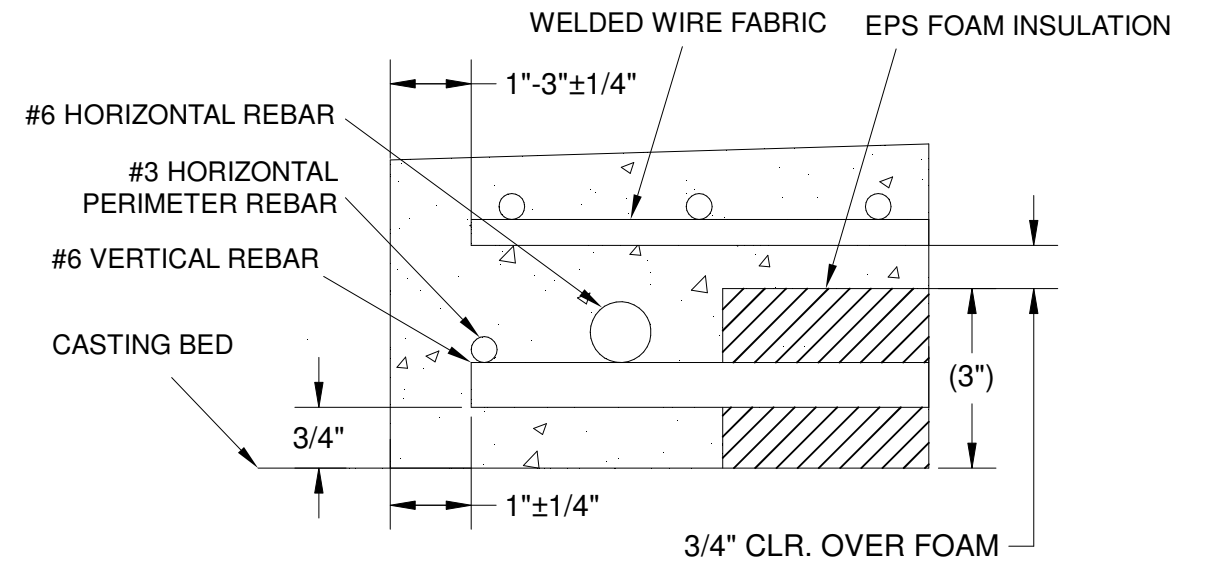
REV.	BY	DATE	REVISION	APP.

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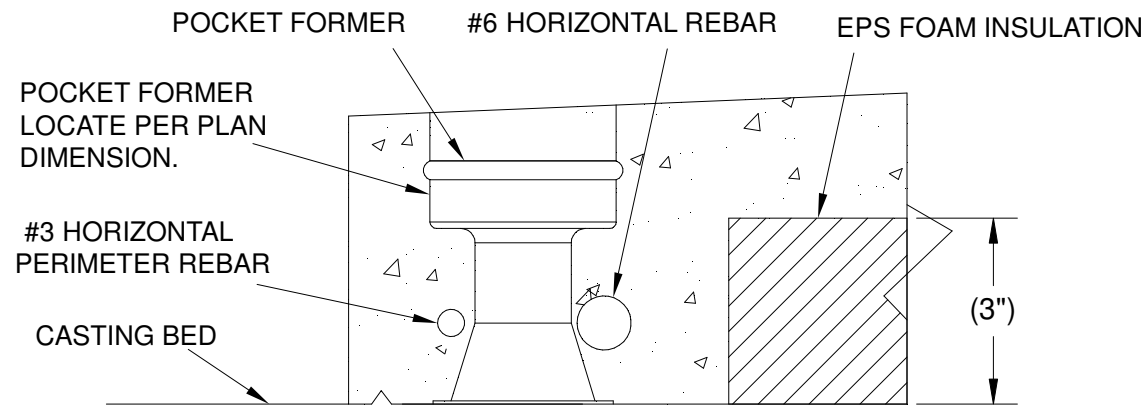
1300 DAVENPORT DRIVE, MINDEN, LA 71055 ph. (800) 824-2614 www.fibrebond.com				<b>FIBREBOND</b>	
ALL WEST COMMUNICATIONS				ISSUED FOR: <b>*APPROVAL A.01*</b>	
12' - 0" X 16' - 0" BUILDING				APPROVALS IN PDM DATABASE	
STRUCTURAL LAYOUT, END PANEL - D				THIRD ANGLE PROJECTION	
DRN. BY: GD	DATE: 04-JAN-2021	APP. BY: PM	DATE:	SCALE: 1:24	SHEET NO.: 6-6
CHK. BY: JC	DATE:	APP. BY:	DATE:	SIZE: B	DWG NO.: D11401



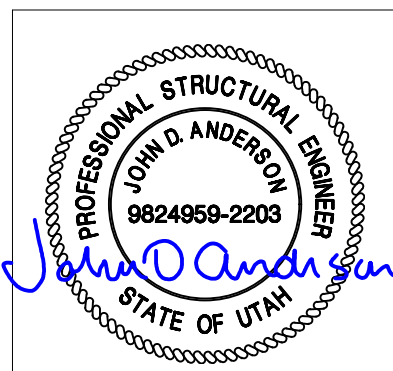
**DOWEL BAR DETAIL  
SECTION RB-RB**



**REBAR CASTING DETAIL  
SECTION RR-RR**



**POCKET FORMER DETAIL  
SECTION RA-RA**



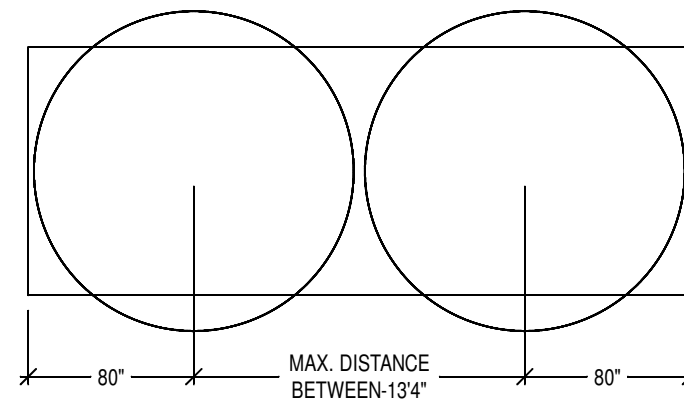
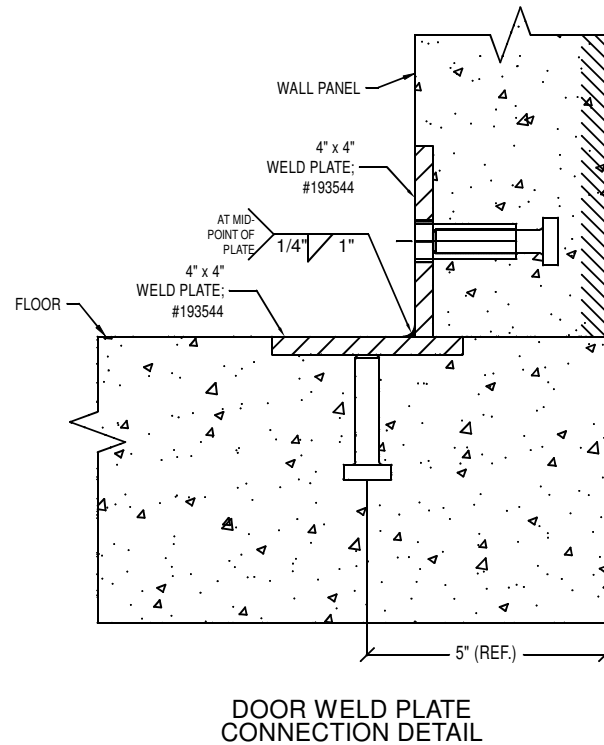
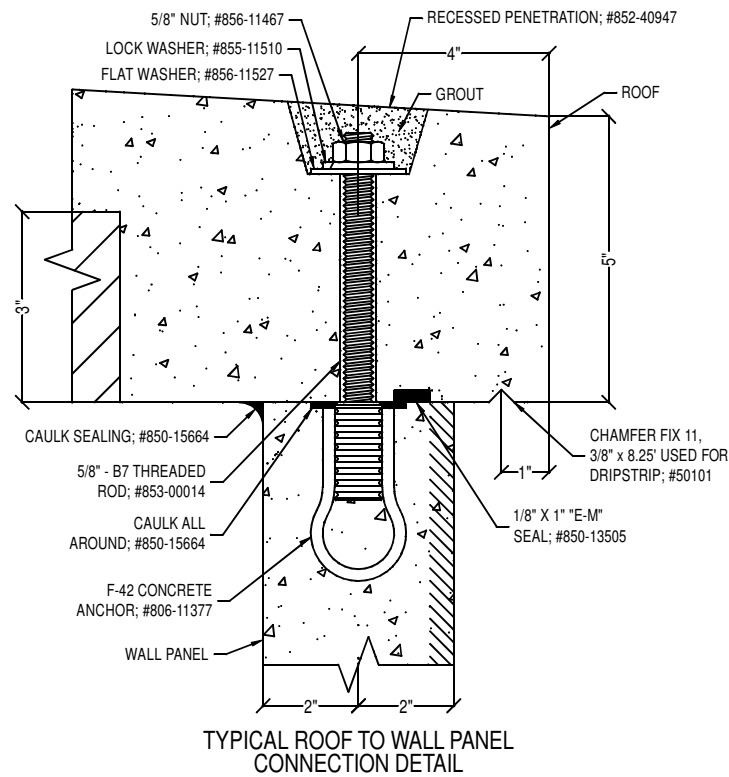
REV.	BY	DATE	REVISION	APP.

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ALL WEST COMMUNICATIONS				ISSUED FOR: <b>*APPROVAL A.01*</b>	
12' - 0" X 16' - 0" BUILDING				APPROVALS IN PDM DATABASE	
STRUCTURAL ROOF SECTION DETAILS				THIRD ANGLE PROJECTION	
DRN. BY: <b>GD</b>	DATE: <b>04-JAN-2021</b>	APP. BY: <b>PM</b>	DATE:	SCALE NTS	SHEET NO.: <b>6-7</b>
CHK. BY: <b>JC</b>	DATE:	APP. BY:	DATE:	SIZE <b>B</b>	DWG NO.: <b>D11401</b>







**"D" RING INSTALLATION**

BUILDING SIZE	D-RINGS
13' or LESS	1
14' or 20'	2
21' or 26'	3
27' or 40'	4

**PANEL VOLUME / WEIGHT SCHEDULE**

PANEL	APPROX. VOL. (yds.)		APPROX. WT. (lbs.)	
	LT. WT.	NORMAL	LT. WT.	NORMAL
ROOF	2.60		8454	
FLOOR	2.23		7534	
PANEL "A"	1.22		4025	
PANEL "B"	0.98		3256	
PANEL "C"	1.22		4028	
PANEL "D"	0.83		2810	
<b>TOTAL</b>	<b>9.07</b>		<b>≈ 30107</b>	

Refer to individual Structural Layout sheet for actual panel size

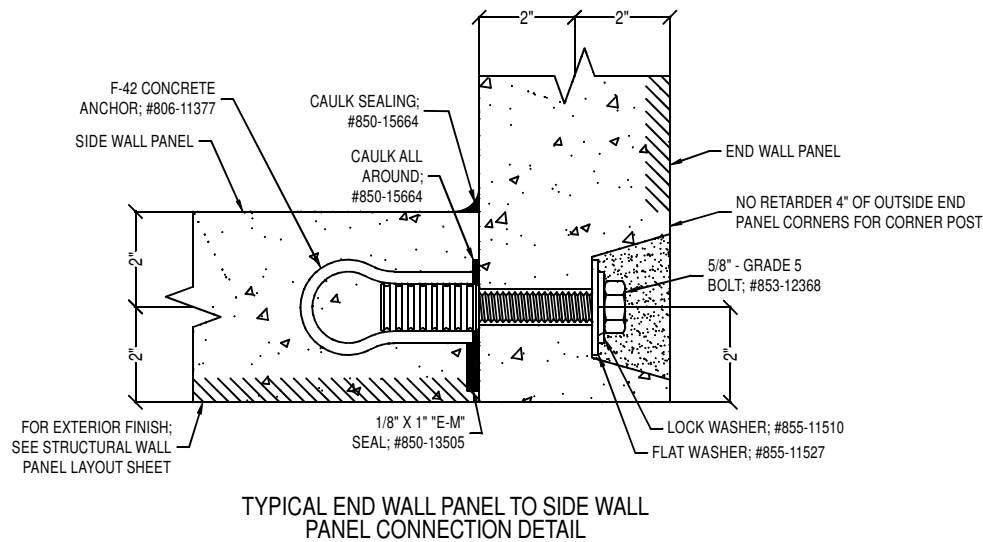
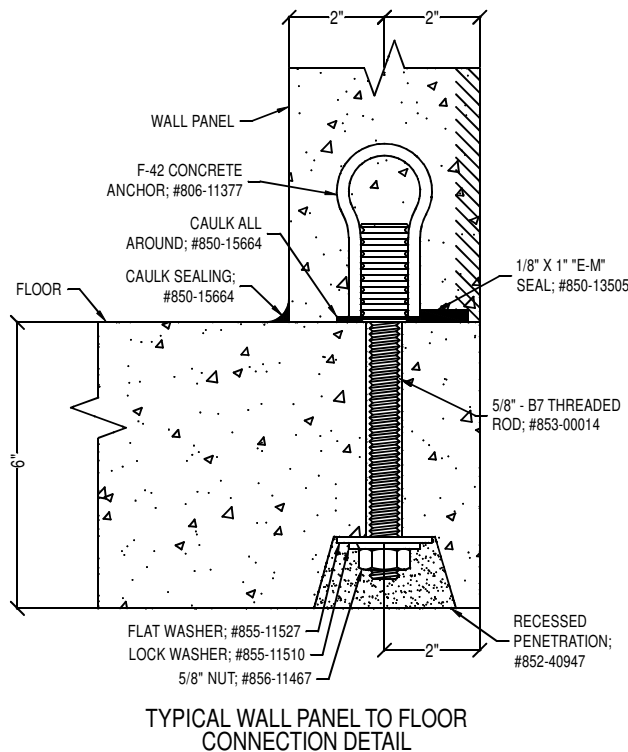
**Note:**

Building weight is an approximation and shall not be used for Offloads or Shipping. Contact Fibrebond Corporation's Transportation Department for correct transportation weights.

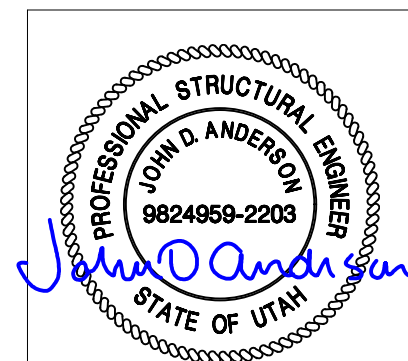
**REINFORCING SPLICE SCHEDULE**

SIZE	LIGHTWEIGHT CONCRETE	NORMAL WEIGHT CONCRETE
WWF	8"	8"
#2	12"	12"
#3	17"	13"
#4	22"	17"
#5	28"	22"
#6	33"	26"

Stagger splice locations 2X splice length in adjacent bars



**TOTAL SQ. FT. ALL PANELS: 885.07**



REV.	BY	DATE	REVISION	APP.

1300 DAVENPORT DRIVE, MINDEN, LA 71055  
ph. (800) 824-2614 www.fibrebond.com

**FIBREBOND**

ALL WEST COMMUNICATIONS

12' - 0" X 16' - 0" BUILDING

STRUCTURAL MISC. DETAILS

DRN BY: GD DATE: 04-JAN-2021 APP BY: PM

CHK BY: JC

ISSUED FOR: \*APPROVAL A.01\*

APPROVALS IN PDM DATABASE

THIRD ANGLE PROJECTION

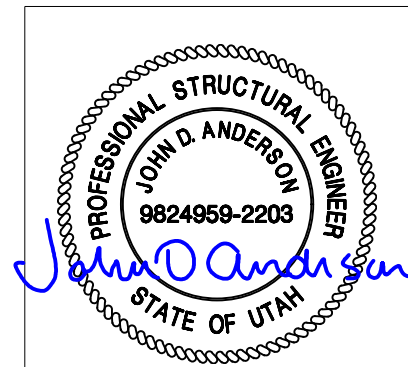
SCALE: NTS SHEET NO.: 6-10

SIZE: B DWG NO.: D11401

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**ITEM LIST**

PART NUMBER	DESCRIPTION	QTY	MFG1	MFG#1
192777	CABLE TRAY, MOUNTING ANGLE 4"	4		
194341	GROUND BAR HARGER, 1/4"X4"X20" 1" PATTERN COPPER GB14420J NO HARDWARE	1		
194713	CABLE TRAY, ZINC 12" X 116.5" X 1-1/2" CENTRAL STEE 10012ZYL (USA)	2	23 LB/EA 1020 LB/PALLET, FC 50	10012ZY, 40/SKID
194715	CABLE TRAY, ZINC 18" X 116.5" CENTRAL STEEL 10018ZY (USA)	3	27 lb/ea 1180 lb/pallet, FC 50	10018ZY, 40/skid
800-00049	NGF End Guard 7' x 24" ADC NGF-ACCEGD007	1	ADC	NGF-ACCEGD007
800-00048	NGF Fiber Storage Bay ADC NGF-ACCFOTSB	1	ADC	NGF-ACCFOTSB
800-00095	NCNR, BC-4: Cable Bracket Kit, Straight, 4 INC 1265198	72	TE Connectivity	BC-4/1265198
800-00110	Extender Bracket Kit 19"-23", EXTR-23-19-EIAU-BK	4	TE Connectivity	EXTR-23-19-EIAU-BK
800-00157	Rectifier, eSure, 2000W, -48VDC, 1R482000E3	2	Emerson Network Power	1R482000E
800-00246	Equipment Rack, Panduit 8" x 19" Black Aluminum EIA #R2P	3	Panduit	
800-00280	Power System, Vertiv NetSure 5100 (includes Dist. Cabinet, 19" 2 Row, 600A) #582137100	1		
800-00281	Battery Modules, Narada 48VDC, 100AH, 19" rack mount, w/two dry contacts for other alarms, Lithium Ion #48NPFC100	1		
800-00282	Relay Rack, Alpine Power Systems 84"H x 19"W 45RU Welded, #559824	1		
800-00283	Frame, Commscope 30" x 24" x 7' FMDF NGF Optical Distribution Frame #NGF-MDF7A100	2		
800-00284	Fiber Optic Entrance Cabinet, Commscope 2592 ribbon fibers, single drawer #FEC-864	1		
800-00285	Termination Panel, Commscope Rapid Fiber 48-position 1RU, indoor RBR LCUPC/MPO 31M, #RCP-1K4PUE03100	2		
800-00286	Termination Panel, Commscope 72-position 3RU, Indoor RBRSC UPC MPO, Rapid Fiber #RCP-377PUE03100	10		
800-00287	NGF Fiber Termination Block, Commscope with IFC cable, 144-SC-UPC 31M PIC, #NGF-TB1MLU70ZD031	3		
800-00288	NGF Fiber Termination Block, Commscope w/IFC cable, 144 LC/UPC, singlemode, right oriented #NGF-TB1MRU70ZD031	3		
800-00289	NGF Fiber Termination Block, Commscope 144 LC/UPC, singlemode, left oriented, MPO at rear end, #NGF-MPML0K512	3		
800-00290	NGF Fiber Termination Block, 144 SC/APC, singlemode, right oriented, MPO at rear end, Commscope NGF-MPMR0L512	3		
800-00291	Fiber Optic Splice Tray, Commscope FST-D-HS	36		
800-00292	IFC/OSP Three-Tier Cable Clamp Kit, Commscope OSP-CLPFEC	10		
813-00073	TELCO BOARD 813-00067 3/4" X 48' X 96" NUPOLY 813-00067 WITH 814-00024 CAP TRIM	1		
822-00914	GENERATOR RECEPTACLE COVER, TAYMAC, WEATHERPROOF IN-USE COVER, #MX6200	1		
822-10150	BOX, THOMAS & BETTS 4" X 4" J-BOX 1/2" & 3/4" KO (USA-ARRA) #521711234E	-	CROUSE HINDS	TP403
822-10162	BOX, THOMAS & BETTS 4 11/16" DEEP 3/4" & 1" KNOCKOUTS (USA) #72171-3/4 & 1	1	ABB	72171 3/4 1
822-10268	ENCLOSURE, UNITY 6" X 6" X 4" SCRWCVR NK (USA)	1	Unity	664SCNK
822-10365	BOX, PASS & SEYMOUR 2" X 4" 1G 1/2" OUTDOOR WEATHERPROOF (IND)	1	CROUSE HINDS	TP7010
822-12740	Condulet, Thomas & Betts 2" Mogul W/Cover (MEX) #MALB-6	1	Thomas & Betts	MALB-6
822-13401	COVER, PASS & SEYMOUR 4" X 4" W/P BLANK (USA)	2	MULBERRY	WPB2
822-13765	COVER, TAYMAC 2" X 4" GFCI WEATHERPROOF HORIZONTAL ALUMINUM (MEX) #MX3300	1	13765 - T & B RED DOT	CKMU
822-21981	BOX, PASS & SEYMOUR 4" X 4" W/P J-BOX W/ 3/4" PLUG (IND) #WPB332	2	PASS & SEYMOUR	WPB332
823-01344	COVER, CUTLER HAMMER, SURFACE MOUNT, PLUG NEUTRAL FOR 150A OR GREATER MB LC, X7 #CHPX7BS	1		
823-01345	LOADCENTER, CUTLER HAMMER PLUG NEUTRAL, 200A, 1PH, MAIN BREAKER, 42 SPACE #CHP42B200X7	1		
824-00935	Transfer Switch, Cummins Auto 225amp 3 pole 240 volt 1PH Nema 1 #OTEC	1	Cummins	OTEC
824-10136	Transfer, Cutler Hammer 200A 2P N/F #DT224UGK	1	Cutler Hammer	DT224UGKFB
826-00055	GENERATOR RECEPTACLE, HUBBELL, 50A, 125/250V AC, 3P4W, #CS6375	1		
827-00071	RECEPTACLE, COOPER WIRING DEVICES 20 AMP 125V BACK AND SIDE WIRED DUPLEX (USA) #BR20I	4	COOPER WIRING DEVICES	BR20V
827-00085	RECEPTACLE, HUBBELL INC. 20 AMP GFCI WEATHER RESISTANT #GFWRST20I (CHN)	1	HUBBELL	GFWRST20W
827-00086	SWITCH, HUBBELL INC. 20 AMP 120V SINGLE POLE AC TOGGLE BACK WIRED IVORY #CSB120I (CHN)	3	HUBBELL, INC.	CSB120I
827-11704	Socket, IDEC Relay 300V AC ( 1 & 2-pole 25 Amp, 3-pole 20 Amp)	1	IDEC	SR3B-05
827-12964	Relay, IDEC 2PDT 240V AC 8 Pin Coil Rating 3VA (CHN) #RR2P-UAC240V	1	IDEC	RR2P-UAC240V
831-00239	FIXTURE, EATON 4' LED CSA COMPLIANT #4WNLED-LD4-40SL-F-UNV-L840-CD1-U	6		4WNLED-LD4-40SL-F-UNV-L840-CD1-U
831-00980	FIXTURE, WESTGATE EXTERIOR LED 15 WATT WALLPACK WITH PHOTOCELL #LESW-15W-50K-P	1		
833-00438	THERMOSTAT, ELECTRONIC NON-PROGRAMMABLE, 2-STAGE HEAT AND 2-STAGE COOL AND HEAT PUMP #ICM SC4811	1		
833-10877	THERMOSTAT, DAYTON SPDT #1UHH2	2	DAYTON	1UHH2
835-11307	ALARM BLOCK, SIEMON #S66M1-100 MH-49	1	11307 - SIEMON	S66M1-100MH49



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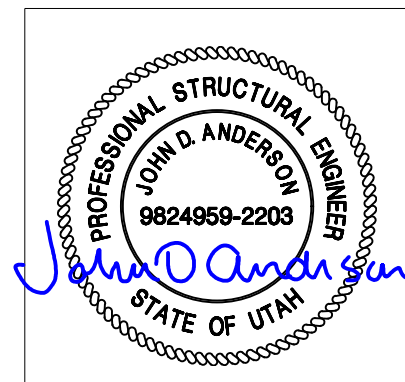
1300 DAVENPORT DRIVE, MINDEN, LA 71055 ph. (800) 824-2614 www.fibrebond.com			<b>FIBREBOND</b>		
ALL WEST COMMUNICATIONS			ISSUED FOR: <b>*APPROVAL A.01*</b>		
12' - 0" X 16' - 0" BUILDING			APPROVALS IN PDM DATABASE		
BILL OF MATERIALS			THIRD ANGLE PROJECTION		
DRN. BY: GD	DATE: 27-NOV-2020	APP. BY: PM	DATE:	SCALE NTS	SHEET NO: 8-1
CHK. BY: JC	DATE:	APP. BY:	DATE:	SIZE B	DWG NO.: D11401

PART NUMBER	DESCRIPTION	QTY	MFG1	MFG#1
837-00119	DRIP STRIP, MARVAIR & BARD 4 THRU 6 TON 46" PAINTED AC	1		
837-01158	HVAC, MARVAIR 6 TON 10 EER 1PH 5K WITH ECONOMIZER R410A #MGA1072AA050C++1+1CA+A11+++++	1	Marvair	MGA1072AA050C++1+1CA+A11+++++
837-11382	GRILL, 30" X 10" SUPPLY, #GR-L-VH-3010	1	11382 - Tuttle & Bailey	A64 3/4" SPACING
837-11388	GRILL, 30" X 16" RETURN AIR, #GR-L-RA-3016	1	11388 - Tuttle & Bailey	A70D 3/4" SPACING
841-00180	KIT, GENUINE FIRST AID 10 PERSON #FA-10P (34WK73)D	1	Genuine First Aid	FA-10PD
841-10007	PLATE, 4" X 6" BLUE PLASTIC	1		
841-13867	TRAY, WALL POCKET (USA)	1		DEFLECTO 63202 SMOKE, 12/CTN
842-00220	BRACKET KIT, TE CONNECTIVITY COMMSCOPE 5/8" THREADED ROD FIBER TRAY #FGS-HNTR-5/8 / 1176647	23	COMMSCOPE	
842-00221	FIBER TRAY, TE CONNECTIVITY COMMSCOPE STRAIGHT EXTENSION TROUGH SECTION YELLOW #FGS-MSHS-B / 1135504	3	COMMSCOPE	
842-00226	Tee Cover Kit, TE Connectivity 4" x 6" Yellow Snap-On Fiber Tray #FGS-SHRT-B / 1059403	6	TE Connectivity	FGS-SHRT-B/1059403
846-00664	DOOR, PREMIER 3070 LHR 16G GALV CY PREP 35 3/4" STANDARD HINGE SERIES POLYSTYRENE CORE #S16-4	1		S16-4
847-00861	CLOSER, DESIGN HARDWARE OPENING RANGE SET TO 90 TO 180 DEGREE, UP TO 187LB DOOR #116 SERIES AL, DOOR	1		116 SERIES AL
847-00862	CLOSER ARM, DESIGN HARDWARE #116 SERIES AL ADJUSTABLE TYPE HOLD OPEN ARM DOOR	1		316/116 AL ADJUSTABLE HO ARM
847-10789	LOCK, BEST DEADBOLT #83T-7-K-STK-626 LESS CORE	1	BEST	83T-7-K-STK-626-LESS CORE
847-11050	HANDLE, SIERRA PACIFIC DOOR PULL (5-1/2") FORMED PULL ZINC PLATED #917	2		ROCKWOOD - ALUMINUM
847-11073	HINGE, 4.5" X 4.5" .134 THICKNESS S/S BB NRP (CHN), #CS4545BBNRP-32D	3	GLOBAL	CS4545BBNRP-32D
847-11800	CORE, BEST SFIC CONSTRUCTION, DARK GREEN 7 PIN	1	BEST	
847-12348	THRESHOLD, PEMKO 3 1/2" X 36" ALUMINUM PANIC BUMPER SEAL #1855AV	1	Pemko	
847-12569	DOOR SWEEP, PEMKO 36" CLEAR ANODIZED ALUMINUM/RUBBER #321-NC-36	1	Pemko	321CN36, 50/Box
847-22816	LOCKGUARD, 6 1/4" X 7" HEAVY DUTY 12 GAUGE CUSTOM IMPORT	1		Import, 25/case
847-23485	WEATHERSTRIP, PEMKO 3070 3-PC MAGNET (INT) #2815CM3684	1	Pemko	2815CM36
848-00070	DETECTOR, GENTEX SMOKE ALARM 120VAC/9VDC W/RELAY, #S1209F 917-0057-002	1	GENTEX	S1209F
848-11351	CONTACTS, GEORGE RISK INDUSTRIES SPDT FORM C GRAY DOOR #29C	1	GRI	GRI 29C
849-22543	EXTINGUISHER AMEREX 10 LB C02 10B:C 330 INCLUDES WALL HANGER	1	AMEREX	

### PACKING LIST

ITEM#	QTY.	FIBREBOND PART#	MFG'S PART#	MANUFACTURER	DESCRIPTION
-	4	197788		FINE	TIEDOWN, PLATE FOUNDATION 1/2" X 10" X 12" GALVANIZED W/1 1/16" & 7/8" HOLES
-	1	838-00345	CUMMINS		GENERATOR, CUMMINS 36KW, NG FUELED, EXTERIOR, 120/240V, 1PH, #C36N6
-	1	841-50030		143-9470	BRUSH; 1" PAINT (#474)
-	6	850-00226	PRAIRIE	UROFLEX MS-30	CAULK, PRUROFLEX MS-30 ADHESIVE/SEALANT 10.3 OZ CARTRIDGE - PRARIE TORQUE TAN
-	0.25 GAL	851-00263	Thorolastic	FINE	PAINT, THOROLASTIC MESA TAN
-	8	854-00036		STB2-75614	ANCHOR, 3/4" X 6 1/4" SIMPSON STRONG BOLT 2, ICCES APPROVED STB2-75614

\* VARIES WITH SIZE OF BLDG., SEE SEQUENCE 80



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				ISSUED FOR: <b>*APPROVAL A.01*</b>	
				ALL WEST COMMUNICATIONS	
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				12' - 0" X 16' - 0" BUILDING	
				THIRDS ANGLE PROJECTION	
<b>BILL OF MATERIALS</b>					
DRN. BY: GD	DATE: 27-NOV-2020	APP. BY: PM	DATE:	SCALE NTS	SHEET NO: 8-2
CHK. BY: JC	DATE:	APP. BY:	DATE:	SIZE B	DWG NO.: D11401