

A-FRAME:

- ALL WELDING TO BE MIG
ALL WELDING TO BE PREFORMED BY CERTIFIED WELDERS**
- 1 TYPE: PERIMETER
 2 MAIN BEAM: C15"x33.9# CHANNEL (ROLLED)
 3 X-MEMBER: C10 X 15.3# @ 24" O.C.
 10 MISC: 2x3x3/16" STRINGERS
 11 MISC: 6x3x1/4 ANGLE AT STAIR LOCATIONS
 12 MISC: 12 GA FORMED ANGLE @ FLOOR OPENINGS
 13 MISC: EXPORT LASHING RINGS
 14 MISC: (4) REMOVABLE LIFTING EYES FABRICATED FROM 5/8" PLATE STEEL AND SECURED WITH (8) GRADE 8 BOLTS EACH
 15 MISC: ALL LOWER FRAME PARTS WIPED CLEAN AND PRIMED WITH PPG MULTI PRIME, EXPOSED PERIMETER FINAL PAINTED
 MODULES DESIGNED FOR DROP DECK TRANSPORT, NO TOWING DEVICES ARE INCLUDED

B-FLOOR:

- 4 DECKING: 4" ICYNENE PRO SEAL SPRAY FOAM INSULATION, R-28.4
 1/4" STEEL DIAMOND PLATE WELDED TO FRAME
 PPG PAINT AND PRIMER
 FLOOR OPENINGS PER SPEC

C-EXTERIOR WALLS:

- 1 STUDS: 2" x 4" x 16-GA. CSW GALVANIZED STEEL STUD @ 16" O.C.
 2 BOTTOM PLATE: 3 5/8" x 3" LEG x 16-GA. STEEL TRACK
 3 TOP PLATE: 3 5/8" x 3" LEG x 16-GA. STEEL TRACK
 SIDEWALL HT: 10'-0" LOW SIDE; STUD LENGTH: 119.750 In.
 SIDEWALL HT: 10'- 3 1/2" HIGH SIDE; STUD LENGTH: 123.250 In.
 ENDWALL HT: 10'-0" LOW SIDE TO 10'-3 1/2" HIGH SIDE;STUD LENGTH: VARIES
 w/DBL. STUDS EACH END OF SIDEWALLS (SPF #3).
 DBL. 2"x 4" BOX HEADER, w/ TRACK, @ OPENINGS 38"W & LESS MIN 18GA
 DBL. 2"x 6" BOX HEADER, w/ TRACK, @ OPENINGS OVER 38" MIN 18GA
 DBL. JACKSTUD UNDER DOOR HEADERS;
 4 COVERING: NOTE: ALL WALL OPENINGS LINED w/ FIRE-RETARDANT-TREATED 2x_ LUMBER
 5/8" MOISTURE-RESISTANT GYPSUM BOARD w/ .090" FRP
 BONDED TO INTERIOR FACE
 MATCHING FRP MOLDINGS @ PANEL SEAMS AND CORNERS
FRP COLOR: MEDIUM GRAY
 4a TRIM: **FRP, TO MATCH WALL COVERING @ CORNERS AND SEAMS**
 5 SHEATHING: 1/2" NON-COMBUSTIBLE CDX SHEATHING (RATED 32/16)
 NOTE: STAGGER SHEATHING SEAMS FROM INT. WALL COVERING
 SEAMS--SIDEWALLS ONLY.
 5a SHEATHING: AIR INFILTRATION BARRIER (TYVEK OR EQUAL)
 6 INSULATION: 3 1/2" (ONE-PASS) ICYNENE PROSEAL CLOSED CELL FOAM, R-25
 IN STUD BAYS.
 7 SIDING: 26 GA. STEEL NIFF TONE RAISED VERT. RIB SIDING
 w/ EXPOSED FASTENERS
 NOTE: FLAT STEEL INSTALLED ABOVE DOORS & LOUVERS FOR
 CANOPY MOUNTING
MAIN COLOR: LIGHT STONE
 8 TRIM: 26 GA. STEEL NIFF TONE
COLOR: MATCH SIDING
 9 SKIRTING: NONE SUPPLIED
 11 MISC: SHIP LOOSE CANOPIES FOR ABOVE EXTERIOR DOORS, 48"W x 30"D.
 AT SINGLE DOOR, 84"W x 30"D. AT DOUBLE DOOR
 12 MISC: SHIP LOOSE CANOPIES FOR ABOVE AIR INTAKE LOUVER & EXH FAN;
 CANOPIES 24"W x 20"D.
 CANOPY COVERING TO MATCH BUILDING

D-INTERIOR WALLS:

NONE

E-ROOF:

- 1 RAFTERS: 8" 12 GA FORMED RAFTERS SPACED 16" O.C. FOR #30 LIVE LOAD & EQUIP LOAD
 4 CEILING: (1) LAYER 1/8"FRP FINISH BONDED TO 5/8" MOISTURE RESISTANT DRYWALL
 MATCHING FRP MOLDINGS @ PANEL SEAMS
 7 ROOFING: 12 GAUGE STEEL ROOF DECK SEAL WELDED
 8 ROOFING: EPDM RUBBER 1-PC. MEMBRANE, 60 mil, WHITE
 NOTE: REFLECTIVE COVER INSTALLED TO STEEL DECK WITH TWO PART TPA ADHESIVE
 9 MISC: 12 GA FORMED STEEL PERIMETER, ROOF TO SLOPE ONE WAY TO ONE SIDE
 10 MISC: (2) 3" PASSES ICYNENE PRO SEAL FOAM INSUL FOR R-38 MIN
 11 MISC: ROOF STRUCTURAL STEEL TO BE WIPED CLEAN AS REQUIRED AND PRIMED W/
 KEM AQUA PRIMER

F-DOORS:

- 1 EXT. DOOR: 36"W x 96"H x 18-GA. COMM. INSUL. STEEL DOOR & FRAME,
 VISION PANEL: NONE
COLOR:SELECTED FROM MANUFACTURERS STD. COLORS
 R.O. 37 3/4"W X 96 3/4"H THROAT: 5 3/8"
- HARDWARE:
 a: YALE 2100-SERIES PANIC w/ KEYED EXTERIOR LEVER; 7-PIN,
 FIGURE-8 CORE
 b: (4) STAINLESS-STEEL NON-REMOVABLE PIN HINGES, PER LEAF
 c: DOOR-O-MATIC CLOSER
 d: MFR'S STANDARD LOW-PROFILE THRESHOLD
 e: WEATHERSTRIPPING
 f: MAGNELINK MLT-E03-S DOOR ALARM SWITCH
- 2 EXT. DOOR: 72"W x 96"H x 18-GA. COMM. INSUL. STEEL DOOR & FRAME,
 VISION PANEL: NONE
COLOR: SELECTED FROM MANUFACTURERS STD. COLORS
 R.O. 73 3/4"W X 96 3/4"H THROAT: 5 3/8"
- HARDWARE:
 a: YALE 2100-SERIES PANIC w/ KEYED EXTERIOR LEVER; 7-PIN,
 FIGURE-8 CORE, ACTIVE LEAF ONLY
 b: (4) STAINLESS-STEEL NON-REMOVABLE PIN HINGES, PER LEAF
 c: DOOR-O-MATIC CLOSER, ACTIVE LEAF ONLY
 d: INTERIOR SURFACE BOLTS, INACTIVE LEAF ONLY
 e: REMOVABLE MULLION
 e: MFR'S STANDARD LOW-PROFILE THRESHOLD
 f: WEATHERSTRIPPING
 g: MAGNELINK MLT-E03-S DOOR ALARM SWITCH, ACTIVE LEAF ONLY
- 3 MISC: SHIP LOOSE POWDER COATED STEEL CANOPIES OVER EXTERIOR DOORS AND FAN LOUVERS

G-WINDOWS:

NONE

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H-ELECTRICAL:

- 1 PANELBOARD: 120/240 V., 1-PHASE, 60 HZ, 3-WIRE, 400 AMP, MAIN BREAKER TYPE 22k AIC, w/ (42) BOLT-IN BRANCH BREAKERS
- 1a SERV ENT: 2" EMT THRU FLOOR
NOTE: ALL SERVICE ENT. WIRING TO BE TYPE THWN COPPER. PROVIDED & INSTALLED BY KETSTONE ON SITE--INCLUDING ALL REQUIRED FEEDER WIRING, CONDUIT, ETC., TO CONNECT FACTORY
- 2 DC PANEL: EATON DC 225A PANELBOARD #P2J225BT60AH01, FD MAIN BREAKER (FD3225) (60) 20A 1P GHB BRANCH BREAKERS (GHB1020) INSTALLED IN THE PLANT
- 2a DC PANEL: DC PANEL DISCONNECT SUPPLIED AND INSTALLED BY KEYSTONE ON SITE
- 3 WIRING: SURFACE-MOUNTED EMT (w/ #12 THHN 90o COPPER, MIN WIRE SIZE)
- 3a WIRE WAY: NEMA 1 HINGED COVER WIRE WAY, 6"x 6", MOUNTED NEAR CEILING, AROUND BUILDING INTERIOR PERIMETER
- 4 GROUNDING: INTERIOR GROUNDING HALO LOOP / #2 STRANDED COPPER (NOMINAL 88 LINEAL FEET) HARGER #HSC100R56 STANDOFF MOUNTS; FASTEN TO STUDS, 48" APART MAX. HALO TO BE BOLTED TO STEEL FRAME WITH A COMPRESSION LUG
- 4a GROUNDING: HARGER GBI SERIES #SCGB-3 1/4"x 4"x 10" GROUND PAD, w/ ASSOCIATED COPPER WIRE & BURNDY FITTINGS QUANTITY (4)
- 5 INT. LIGHTS: WILLIAMS 17-4-232-A-EB2-UNV w/ ELECTRONIC BALLAST & (2)T-8 LAMPS
- 6 EGRESS LTG: EXIT/EMERGENCY LIGHT W/ BATTERY PACK, COOPER APC7R EMERGENCY LIGHT W/ BATTERY PACK - UP 108" TO BOTTOM w/ EXTERIOR REMOTE HEAD (W.P.)
NOTE: EXT. HEAD SHIPPED LOOSE, FOR INSTALLATION BY KEYSTONE ON SITE.
- 7 RECEPTS: HUBBELL #CR201 DUPLEX 125V/20A, NEMA 6-20R, UP 18" TO BOTTOM UNLESS OTHERWISE NOTED, GROUNDING TYPE
- 8 RECEPTS: 125V/20A DUPLEX WEATHER-RESISTANT GFCI, NEMA 6-20R IN WEATHERPROOF-IN-USE ENCLOSURE, UP 6" ABOVE FLOOR
NOTE: ALL RECEPTS ARE TO BE GROUNDING TYPE
- 9 SWITCHES: LEVITON 3-WAY SWITCH w/ IPV15 SENSOR, UP 44" TO BOTTOM
- 10 SWITCHES: LEVITON 3-WAY SWITCH w/ IPVOR SENSOR, UP 44" TO BOTTOM
- 11 DATA / PHONE DROPS: 4x4 JUNCTION BOX w/ 1 GANG PLATER RING, UP 18" TO BOTTOM, UNLESS OTHERWISE NOTED; 3/4" EMT THROUGH FLOOR
- 12 FIRE ALARM: CEILING MOUNTED SMOKE DETECTOR: GRAINGER 1XTG6 KIDDE BATTERY OPERATED SMOKE DETECTOR (2), w/ GRAINGER 3KN55 RELAY MODULES, WIRED w/ HONEYWELL GENESIS 41061104 RISER CABLE
- 13 MISC: ALARM JCT. BOX: HOFFMAN ASE12X12X4NK, 12"x 12"x 4", SCREW COVER, NEMA 1, INSTALLED UP 48" AFF TO BOTTOM; WITH:
(2) GE CR151B20 12-POINT TERMINAL BLOCKS
(1) GRAINGER 53MJ1 RELAY
(1) GRAINGER 6X156 RELAY BASE
- 14 MISC: SITE LIGHTING CONTROL; SQUARE-D 8903LG60V02C MOUNTED UP 44" TO BOTTOM
- 15 MISC: AUTOMATIC TRANSFER SWITCH, ASCO J3ATSA400FGX C 11 BE 24"w X 56"h X 14"d MOUNTED UP 36" TO BOTTOM
- 16 MISC: ARRGH HYDROGEN GAS DECTECTOR HDG-DR, w/ FORM C CONTACTS MOUNTED UP 36" TO BOTTOM WIRED TO ENERGIZE EXHAUST FAN AND MOTORIZED INTAKE LOUVER.
- 17 EXT. LIGHTS: RAB WP1SN70/PC, 70-WATT HIGH-PRESSURE SODIUM, W/P, W/PHOTO CELL, UP 82" TO TOP
- 18 MISC: CHATSWORTH CEILING MOUNT CABLE TRAY (B-LINE), LENGTHS & FITTINGS PER SPECIFICATION GALVANIZED ATTACHED TO CEILING AND UNDER TRAY 8' O.C. UNIISTRUT SEISMIC BRACING PER PARTS LIST

J-PLUMBING: NONE

K-H.V.A.C.:

- 1 HEATING/ COOLING: (1) BARD W42AC-A10BXXXXJ WALL MOUNT HVAC UNITS HIGH PRESSURE CONTROL LOW PRESSURE CONTROL COMPRESSOR CONTROL MODULE LOW AMBIENT CONTROL ALARM RELAY SG-5 SUPPLY AIR WALL GRILLE RG-5 RETURN AIR WALL GRILLE BARD 8403-060 7 DAY PROGRAMMABLE THERMOSTAT
 - 2 EXHAUST (1) GRAINER 7F667 1095 CFM WALL MOUNT EXHAUST FAN CONTROLLED BY HYDROGEN GAS SENSOR R.O. 16 3/4" x 16 3/4" @ 96" AFF to CENTER
 - 3 EXHAUST (1) GRAINER 4C557 MOTORIZED INTAKE LOUVER (1) GRAINER 24N064 MOTOR CONTROLLED BY HYDROGEN GAS SENSOR R.O. 16 3/4" x 16 3/4" @ 96" AFF to CENTER
- NOTE: OUTDOOR INTAKE AIR DAMPER TO BE IN CLOSED POSITION FOR SHIPPING.
NOTE: INTAKE AIR DAMPER MUST BE ADJUSTED ON SITE FOR PROPER AIRFLOW -- SEE HVAC UNIT OPERATING INSTRUCTIONS.

L-FURNITURE & INTERIOR FURNISHINGS:

M-MISCELLANEOUS:

- 1 PYROGUARD 6'x8' EQUIPMENT MOUNTING BOARD PAINTED WHITE
- 2 SHIP LOOSE: (2) SETS STEPS AND PLATFORMS THIRD PARTY LABEL AND INDIANA INSIGNIA O AND M MANUAL ALL SYSTEMS TESTED AND DOCUMENTED PRIOR TO DEPARTURE

UNIT LABELS: THIRD PARTY LABEL STATE OF INDIANA DATA PLATES AND LABELS LOCATED ON LOAD CENTER COVER, UNLESS OTHERWISE SPECIFIED.
MBI LABEL
DECAL TYPE: NONE

GENERAL SPECIFICATION NOTES:

- 1.) BUILDING NOT TO BE LOCATED IN A DESIGNATED FIRE ZONE.
- 2.) THIS BUILDING SHALL BE LOCATED MORE THAN 10 FEET AWAY FROM ANY PROPERTY LINE OR ANY INTERIOR LOT LINE BETWEEN IT AND ANY OTHER BUILDING.
- 3.) THIS BUILDING SHALL BE LOCATED MORE THAN 30 FEET AWAY FROM ANY PROPERTY LINE OR ANY INTERIOR LOT LINE BETWEEN IT AND ANY OTHER BUILDING.
- 4.) THIS BUILDING NOT TO BE LOCATED IN A FLOOD PRONE AREA.
- 5.) WHITLEY MFG. CO., INC. IS NOT RESPONSIBLE FOR THE LOCAL BUILDING CODE REQUIREMENTS OVER AND ABOVE THE ENCLOSED SPECIFICATIONS. THE SPECIFICATIONS ARE BASED ON THE DESIGN PARAMETERS OF THE CODES LISTED ABOVE.
- 6.) DUPLICATES OF THIS BUILDING CAN BE BUILT AS A MIRROR IMAGE
- 7.) DUPLICATES OF THIS BUILDING CAN BE BUILT AS A SHELL
- 8.) THIS BUILDING DOES NOT HAVE FIRE-RATED EXTERIOR WALLS.
- 9.) THIS BUILDING SHALL NOT BE LOCATED IN AREAS WITH SNOW, WIND, AND /OR SEISMIC LOADS IN EXCESS OF THOSE NOTED ABOVE IN BUILDING DESIGN LOADS..

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SPECIFICATIONS CONT.

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BUILDING INFORMATION:

BUILDING USE GROUP ----- U
 TYPE OF CONSTRUCTION ----- II-B (STEEL FRAME - UNPROTECTED)
 SQUARE FOOTAGE ----- 420 SQ FT
 OCCUPANT LOAD OF BUILDING ----- 4 , OR LESS

BUILDING DESIGN LOADS:

FLOOR LIVE LOAD UNIFORM ----- 250 PSF
 FLOOR LIVE LOAD CONCENTRATED ----- 2000 LBS
 FLOOR IMPACT LOAD ----- N/A LBS
 FLOOR DEAD LOAD ----- 20 PSF
 ROOF LIVE LOAD ----- 30 PSF
 GROUND SNOW LOAD ----- 25 PSF
 ROOF DEAD LOAD ----- 15 PSF
 FLAT ROOF SNOW LOAD ----- 20 PSF
 SNOW EXPOSURE FACTOR ----- 1.00
 SNOW LOAD IMPORTANCE FACTOR ----- 1.1
 THERMAL FACTOR ----- 1.0
 RAIN ON SNOW SURCHARGE LOAD ----- N/A
 BASIC WIND SPEED ----- 120 MPH
 RISK CATEGORY ----- III
 WIND EXPOSURE ----- C
 DESIGN WIND PRESSURE ----- TBD PSF
 SEISMIC IMPORTANCE FACTOR ----- 1.25
 SPECTRAL RESPONSE COEFFICIENT SDS ----- 0.07
 SPECTRAL RESPONSE COEFFICIENT SD1 ----- 0.075
 SITE CLASS ----- D
 BASIC SEISMIC-FORCE-RESISTING SYSTEM ----- A.14
 DESIGN BASE SHEAR ----- TBD LBS
 SEISMIC DESIGN CATEGORY ----- D

- 2014 INDIANA BUILDING CODE (2012 IBC w/IN AMENDMENTS)
- 2014 INDIANA MECHANICAL CODE (2012 IBC w/IN AMENDMENTS)
- 2010 INDIANA ENERGY CONSERVATION CODE (90.1 2007 ASHRAE)
- 2012 INDIANA PLUMBING CODE (2006 IPC w/IN AMANDMENTS)
- 2009 INDIANA ELECTRICAL CODE (2008 NEC) CONFORMANCE TO THE ADAAG
- 2014 INDIANA FIRE CODE (2012 IFC w/IN AMENDMENTS)
- 2015 INDIANA FUEL AND GAS CODE (2012 IFGC w/IN AMENDMENTS)

BUILDING CODES:

1. ATTIC VENTILATION SHALL COMPLY WITH APPLICABLE CODES.
2. ALL LOCKS TO BE UNLOCKABLE FROM INTERIOR WITHOUT THE USE OF A KEY.
3. CORROSION RESISTANT FLASHING REQUIRED AT TOP AND SIDES OF DOORS, WINDOW, AND ROOF PENETRATORS.
4. SAFETY GLAZING SHALL BE INSTALLED PER APPLICABLE CODES.
5. EXTERIOR EGRESS ELEMENTS TO BE SITE PROTECTED FROM SNOW AND ICE ACCUMULATION.
6. DEALER SHALL BE RESPONSIBLE FOR ON SITE BARRIER FREE PROVISIONS INCLUDING ALL: ADA REQUIRED STEPS, RAMPS, HANDRAILS, PARKING, ETC. AND APPLICABLE SIGNAGE (INTERIOR AND EXTERIOR) FOR THE VISUALLY IMPAIRED AND NON-AMBULATORY

BUILDING CODE FIELD NOTES:

1. TIE-DOWN ANCHORING TO BE INSTALLED ON SITE
2. ELECTRICAL CONNECTIONS TO BE PROVIDED AND INSTALLED ON SITE
3. ALL ADA REQUIRED STEPS, RAMPS, HANDRAILS, PARKING, ETC... AND APPLICABLE SIGNAGE. (INTERIOR AND EXTERIOR) FOR THE VISUALLY IMPARED AND NON-AMBULATORY TO BE PROVIDED AND INSTALLED ON SITE

ELECTRICAL:

1. ALL RECEPTACLES TO BE GROUNDING TYPE.
2. ALL WIRING TO BE PER N.E.C.
3. MAIN PANEL TO BE MARKED "SUITABLE FOR USE AS SERVICE EQUIPMENT", AND HAVE BREAKER/FUSE TYPE OVERCURRENT PROTECTION.
4. PROPER THERMAL OVERLOAD PROTECTION TO BE PROVIDED FOR ALL MOTORS.
5. DISCONNECTING MEANS WITHIN SIGHT REQUIRED FOR ALL MOTORS.
6. WEATHERPROOF PROTECTION REQUIRED FOR ALL OUTDOOR LIGHTS AND / OR RECEPTACLES.
7. PROPER WORKING CLEARANCES TO BE PROVIDED AND MAINTAINED ABOUT ALL ELECTRICAL EQUIPMENT.
8. ALL FLUORESCENT FIXTURES REQUIRE THERMAL PROTECTION.
10. ALL EMERGENCY LIGHTING (IF REQUIRED) AND EXIT SIGNS WILL BE CONNECTED AHEAD OF ANY LOCAL SWITCHES PER NEC SECTION 700-12 (f).
11. ALL EMERGENCY LIGHTING HAS A BATTERY PACK TO ASSURE CONTINUED ILLUMINATION.
12. GROUNDING ELECTRODE SHALL BE INSTALLED IN ACCORDANCE WITH ARTICLE 250 N.E.C.
13. MAIN DISTRIBUTION PANEL (S) SHALL BE INSTALLED ON SITE
14. SERVICE ENTRANCE CONDUCTORS TO BE 75 COPPER TYPE THWN.

ELECTRICAL FIELD NOTES:

1. ELECTRICAL SERVICE ENTRANCE CONDUCTORS TO BE PROVIDED AND INSTALLED ON SITE
2. GROUNDING ELECTRODES TO BE PROVIDED AND INSTALLED ON SITE

MECHANICAL:

1. VENTILATION AIR, EXHAUST FANS AND VENTING EQUIPMENT PROVIDED IN ACCORDANCE WITH APPLICABLE CODES.
2. EXHAUST FANS TO BE INSTALLED PER APPLICABLE CODES.
3. RETURN AIR VIA RETURN AIR DUCT OR THRU GRILLE AT UNIT.
4. MECHANICAL VENTILATION PER APPLICABLE CODES.

STRUCTURAL:

1. TRUSSES IF INSTALLED, TO BE DESIGNED FOR LOAD AND APPLICATION USED.
7. EXTERIOR BRACING MAY BE PROVIDED WITH WOOD SIDING, 7/16 HARDBOARD SIDING, "STORM BRACE" EXTERIOR SHEATHING 3/8" CDX PLYWOOD W/ EXTERIOR GLUES, OR ANY APPROVED STRUCTURAL GRADE SHEATHING.

FIELD NOTE:


1. ALL LINES REPRESENTED BY A BROKEN LINE ON SCHEMATIC DRAWINGS SHALL BE PROVIDED AND INSTALLED ON SITE PER DEALER CONTRACTURAL AGREEMENT.

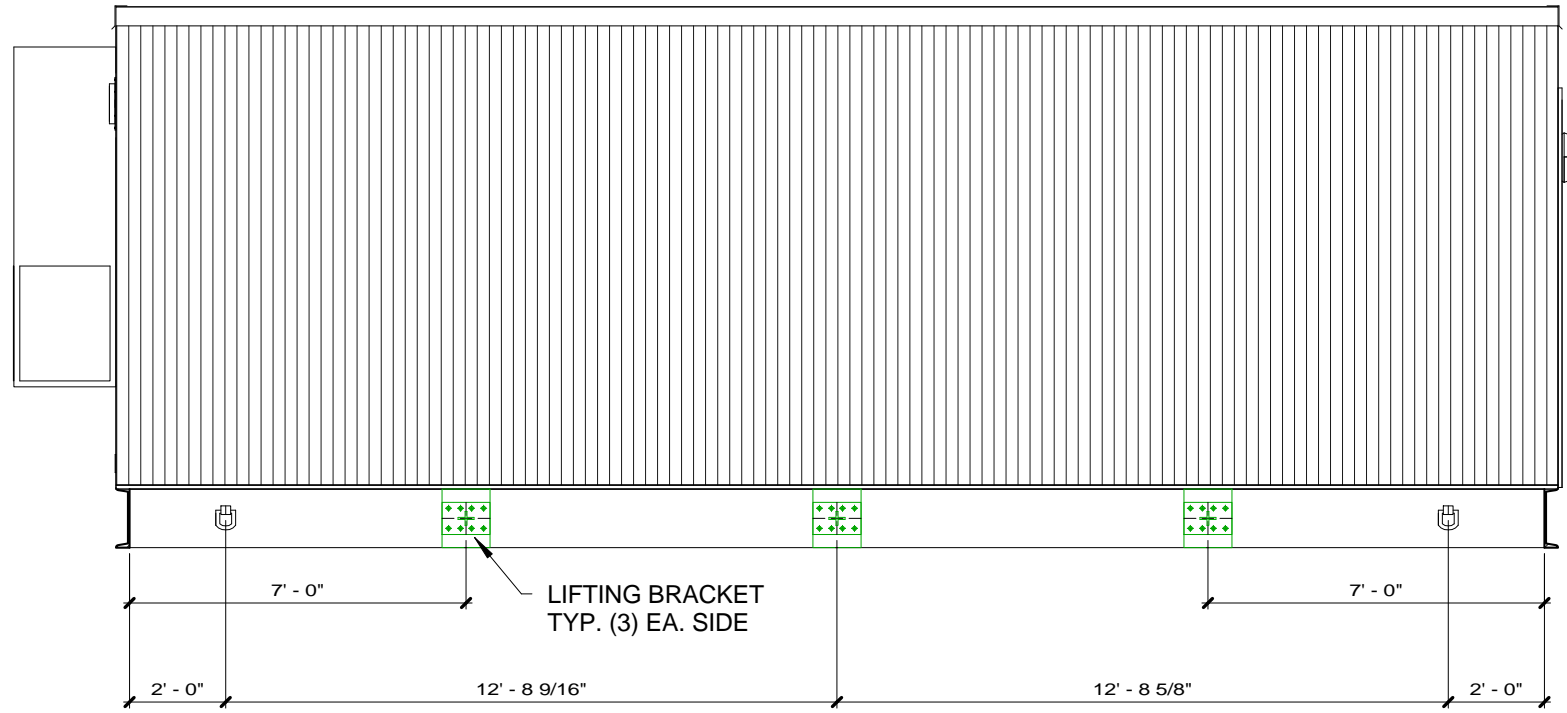
FOUNDATION:

1. LOADS ARE IN 1000LBS.
2. CRAWL SPACE VENTILATION SHALL NOT BE LESS THAN 1/150TH OF THE CRAWL SPACE HORIZONTAL AREA.
3. THE FOUNDATION PLAN PROVIDED WITH THIS BUILDING IS A SUGGESTED PLAN ONLY. FOUNDATIONS TO BE DESIGNED BY A PROFESSIONAL ENGINEER PER LOCAL SOIL AND CLIMATE CONDITIONS.
4. PROVIDE ACCESS TO CRAWL SPACE, MINIMUM 22" X 24"
5. MINIMUM FOOTING DEPTH 3'-6" OR AS REQUIRED BY LOCAL CONDITIONS.

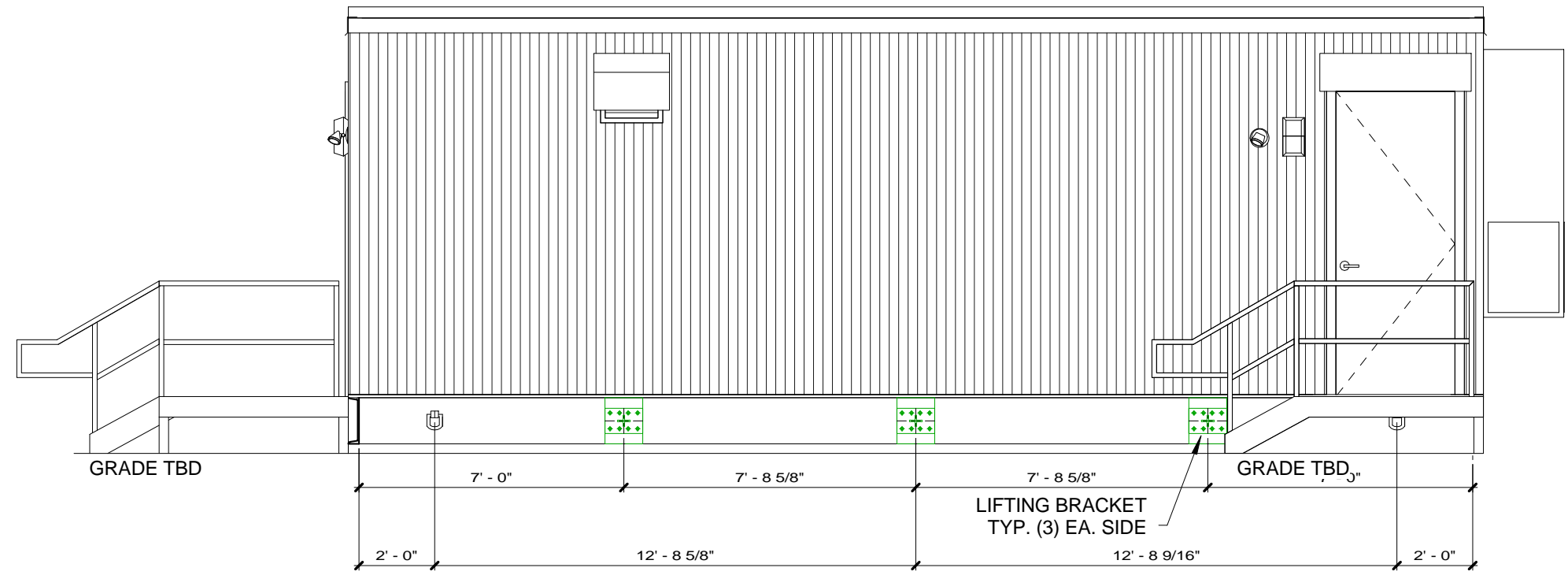
FIELD NOTE:

1. ALL FOUNDATION WORK PROVIDED ON THE FOUNDATION DRAWING IS TO BE PROVIDED AND INSTALLED ON SITE PER DEALER UNDER CONTRACTUAL AGREEMENT.

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2 North Elevation
1/4" = 1'-0"



3 South Elevation
1/4" = 1'-0"

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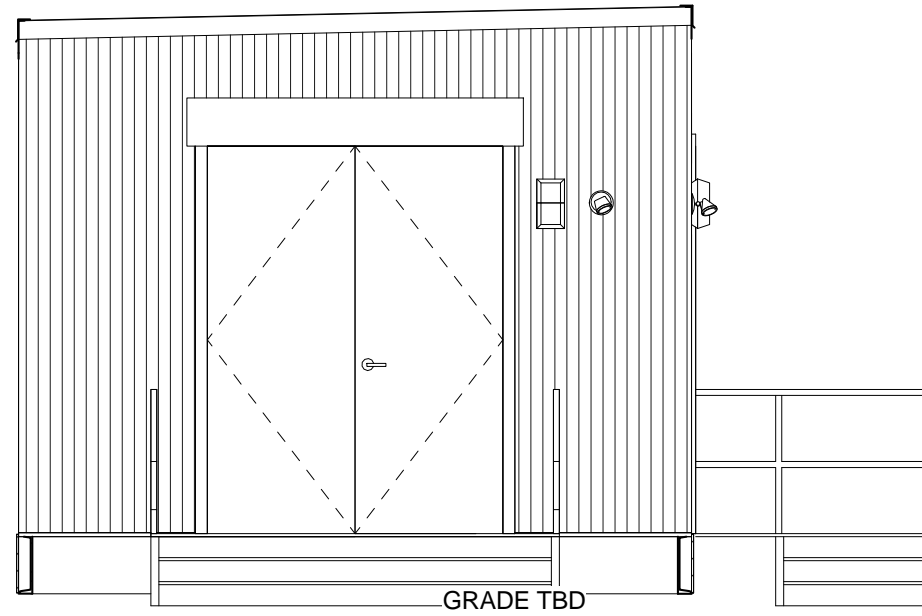
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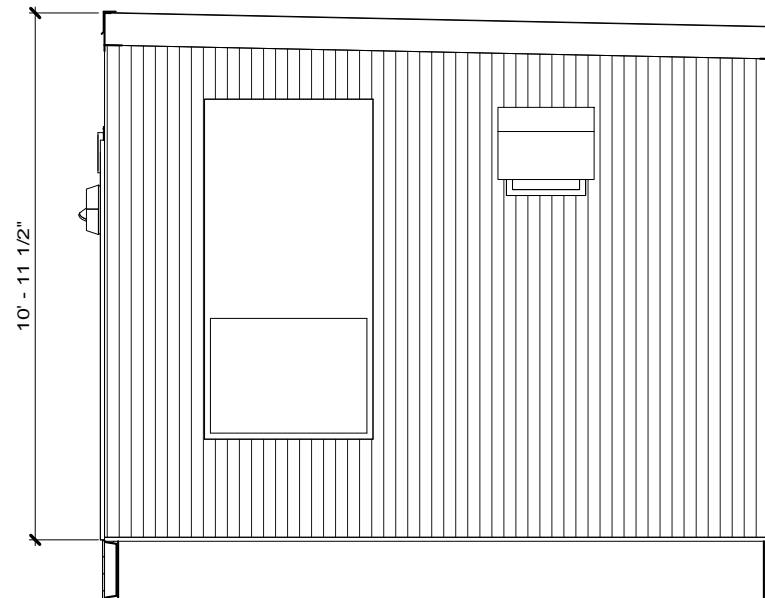
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EXTERIOR ELEVATIONS

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② West Elevation
1/4" = 1'-0"



① East Elevation
1/4" = 1'-0"

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EXTERIOR ELEVATIONS CONT.

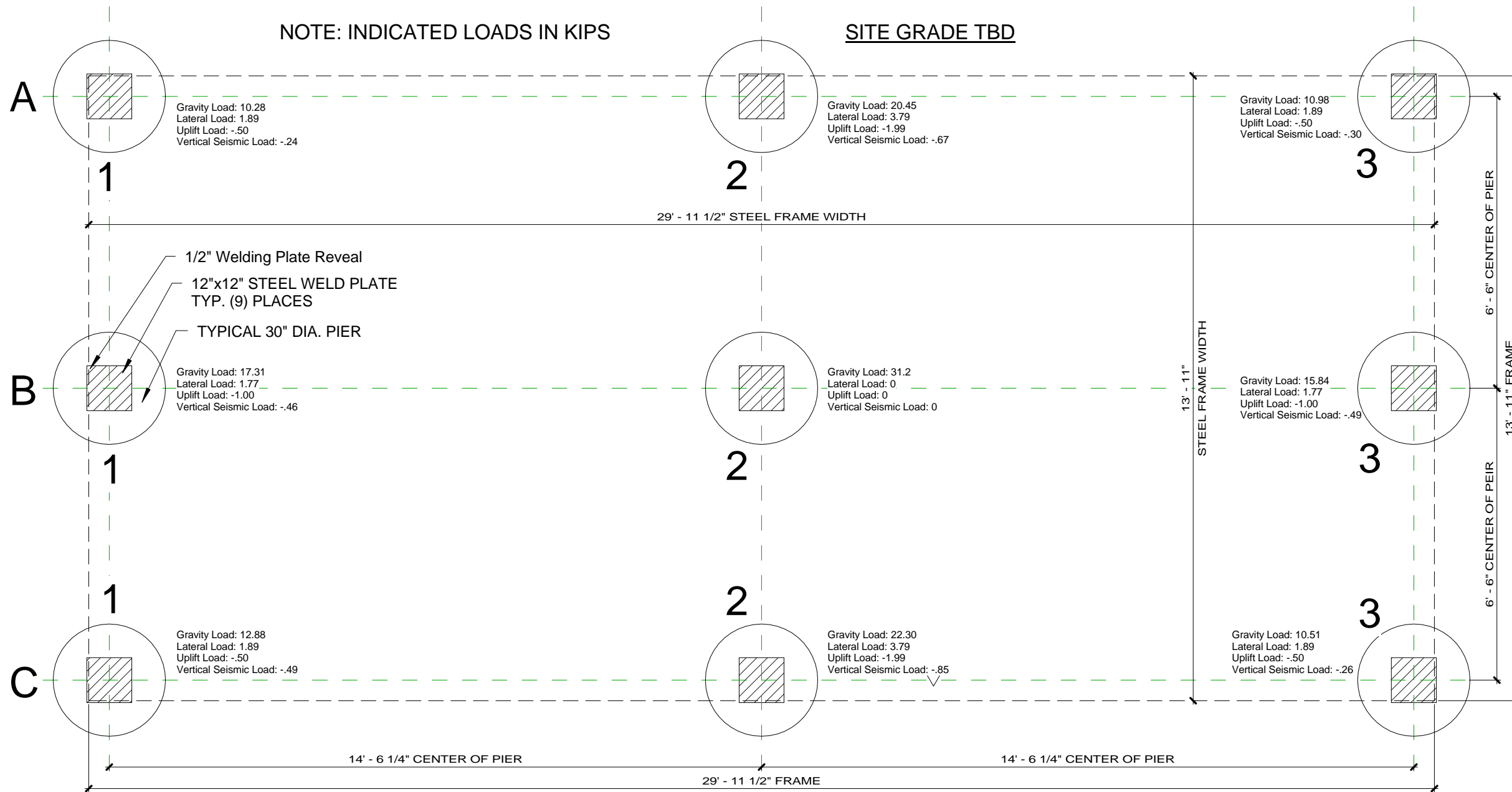
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NOTE: INDICATED LOADS IN KIPS

SITE GRADE TBD



1 Foundation Plan
3/8" = 1'-0"

2 PIER DETAIL
1/2" = 1'-0"

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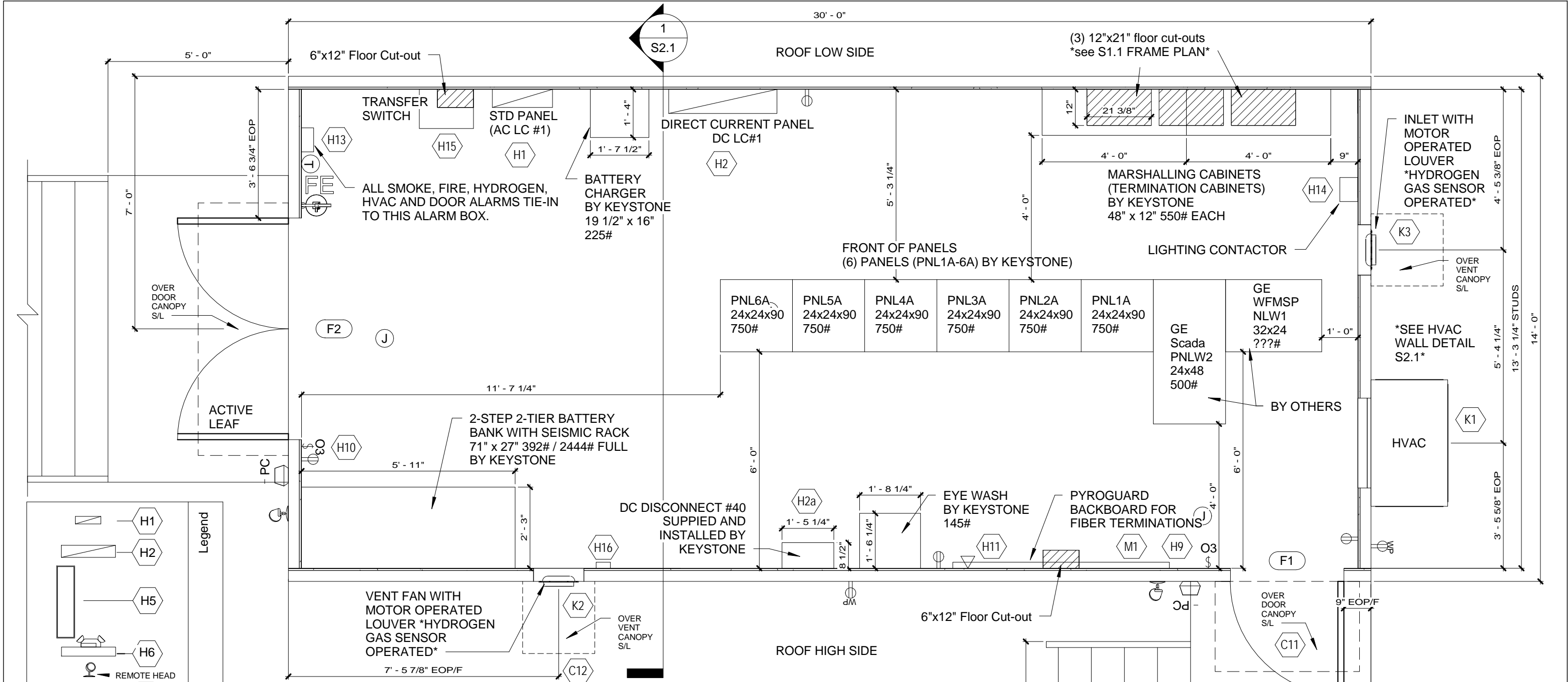
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DLS
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PG
Rev:

FOUNDATION

Serial No. 40044
Quote No. ##
Model No. 7582A
Job No. 2019-101-SW

Date: AUG, 2019
Scale: As indicated
Page No. A2.0



1 Floor Plan
3/8" = 1'-0"

Note: Identification hexagons on the drawings and in the symbol legend correspond to the project specifications (Sht A0.0). The letter in the hexagon matches the specification section, the number in the hexagon matches the section number.

Legend	
	H1
	H2
	H5
	H6
	REMOTE HEAD
	H7
	H8
	H9/10
	H11
	H12
	H17
	K1

KEYSTONE/OTHERS EQUIPMENT	
KEYSTONE:	
1. (6) PANELS (PNL1A – PNL6A)	5. Battery Charger
a. 24"W X 90"H X 24"D	a. 27"H X 19.5"W X 16"D
b. 750lbs each	b. 225lbs
2. Eye Wash	6. Termination Cabinet (2)
a. 32"W X 90"H X 24"D	a. 48"W X 90"H X 12"D
b. 145lbs	b. 550lbs
3. Battery Rack	7. DC Disconnect
a. 71"L X 63"H X 27"D	a. 17 1/2"W X 29"H X 8 1/4"D
b. 392lbs w/ Batteries 2444lbs	b. 40lbs
4. Spill Containment	OTHERS:
a. 75"L X 4"H X 28"D	1. GE Scada Panel
b. 15lbs	a. 24"W X 90"H X 48"D
	b. 500lbs
	2. GE WFMS Panel
	a. 32"W X 90"H X 24"D
	b. ###lbs

No.	Description	Date

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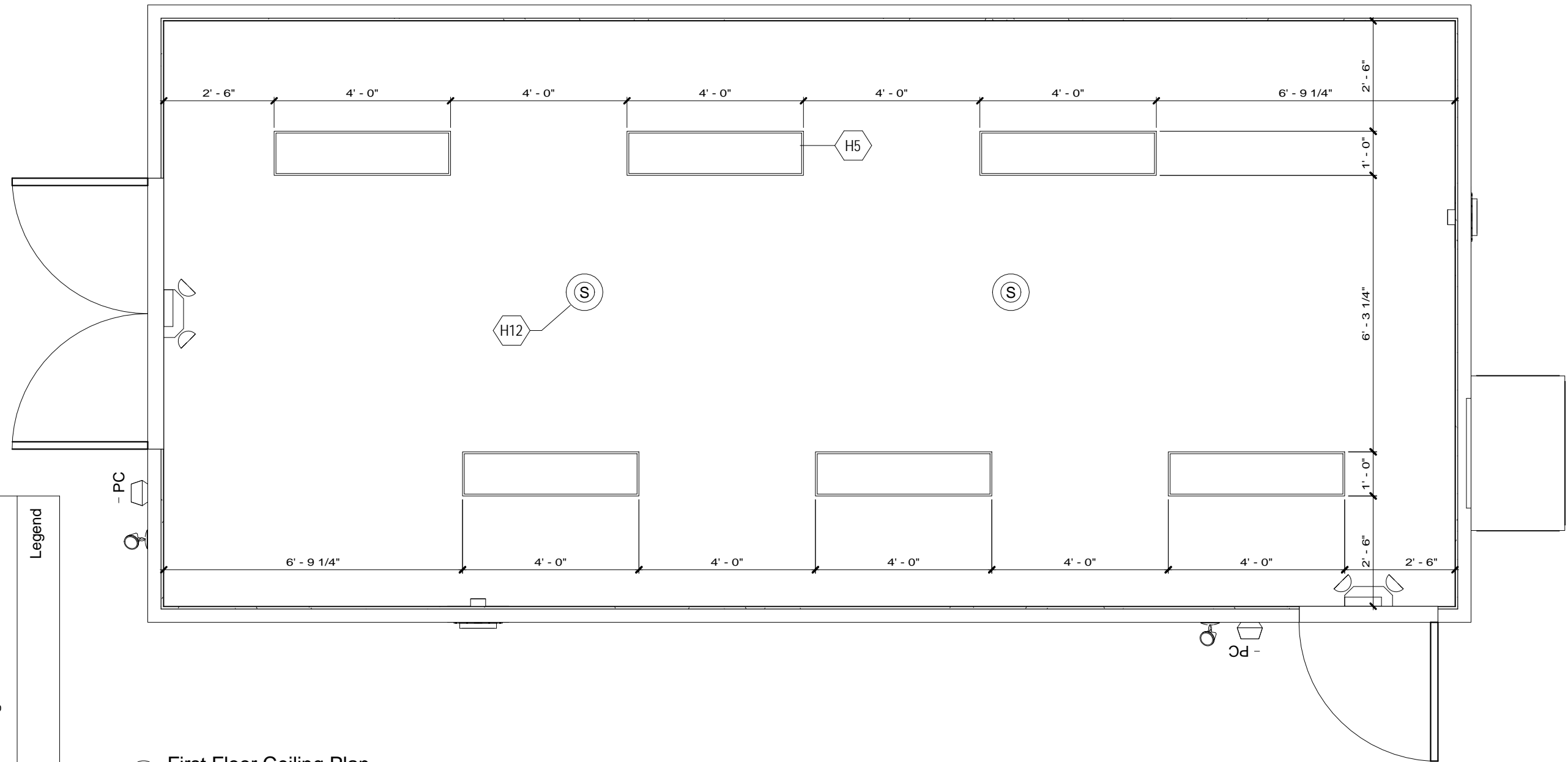
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Rev:

FIRST FLOOR PLAN

Serial No. 40044	Date: AUG, 2019
Quote No. ##	Scale: As indicated
Model No. 7582A	Page No. A2.1
Job No. 2019-101-SW	



1 First Floor Ceiling Plan
3/8" = 1'-0"

Note: Identification hexagons on the drawings and in the symbol legend correspond to the project specifications (Sht A0.0). The letter in the hexagon matches the specification section, the number in the hexagon matches the section number.

Legend	
	H1
	H2
	H5
	H6
	H7
	H8
	H9/10
	H11
	H12
	H17
	K1

No.	Description	Date

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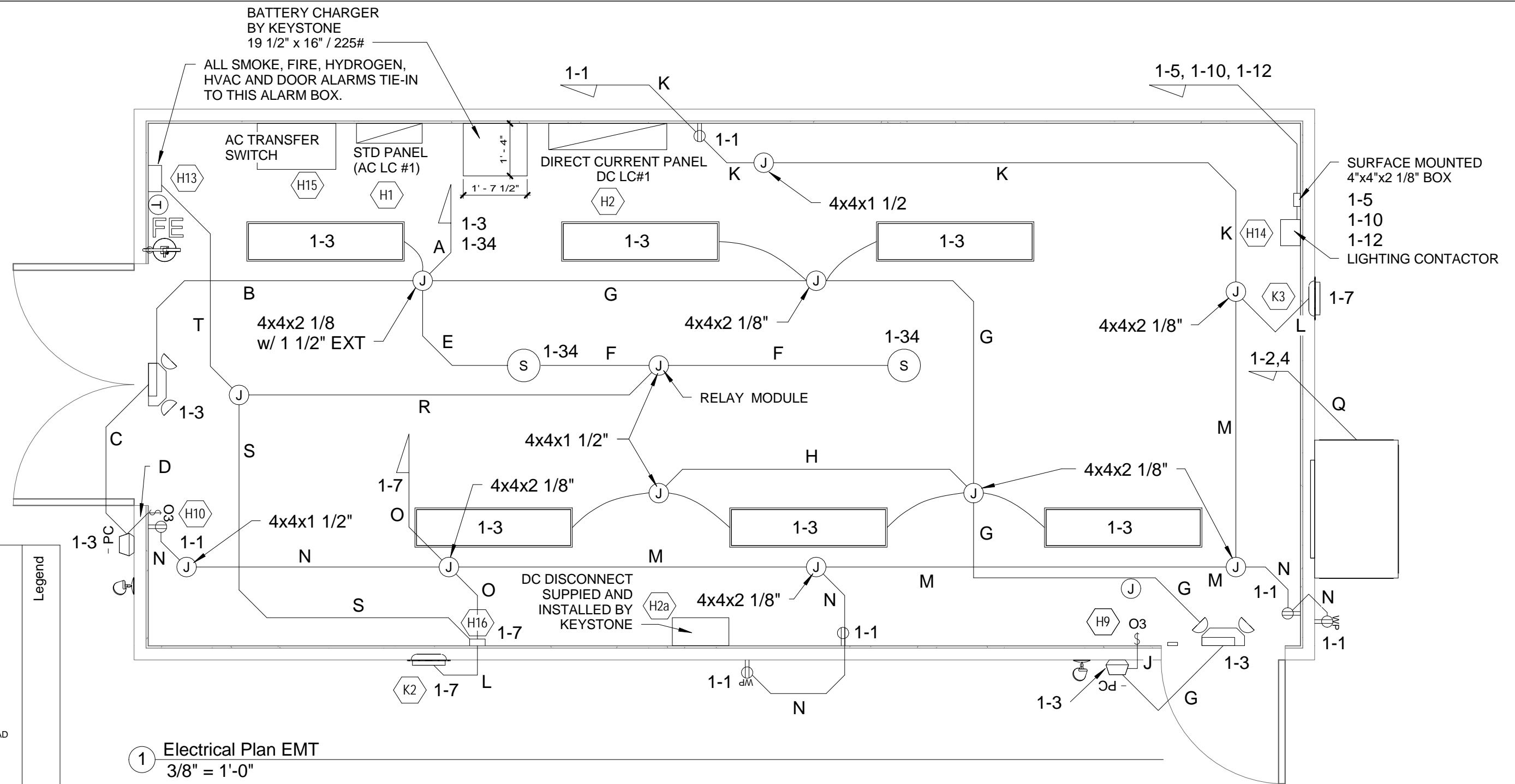


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Rev:

REFLECTED CEILING PLAN

Serial No. 40044	Date: AUG, 2019
Quote No. ##	Scale: As indicated
Model No. 7582A	Page No. A3.1
Job No. 2019-101-SW	



Legend

- H1
- H2
- H5
- H6
- H7
- H8
- H9/10
- H11
- H12
- H17
- K1

Note: Identification hexagons on the drawings and in the symbol legend correspond to the project specifications (Sht A0.0). The letter in the hexagon matches the specification section, the number in the hexagon matches the section number.

1 Electrical Plan EMT
3/8" = 1'-0"

No.	Description	Date

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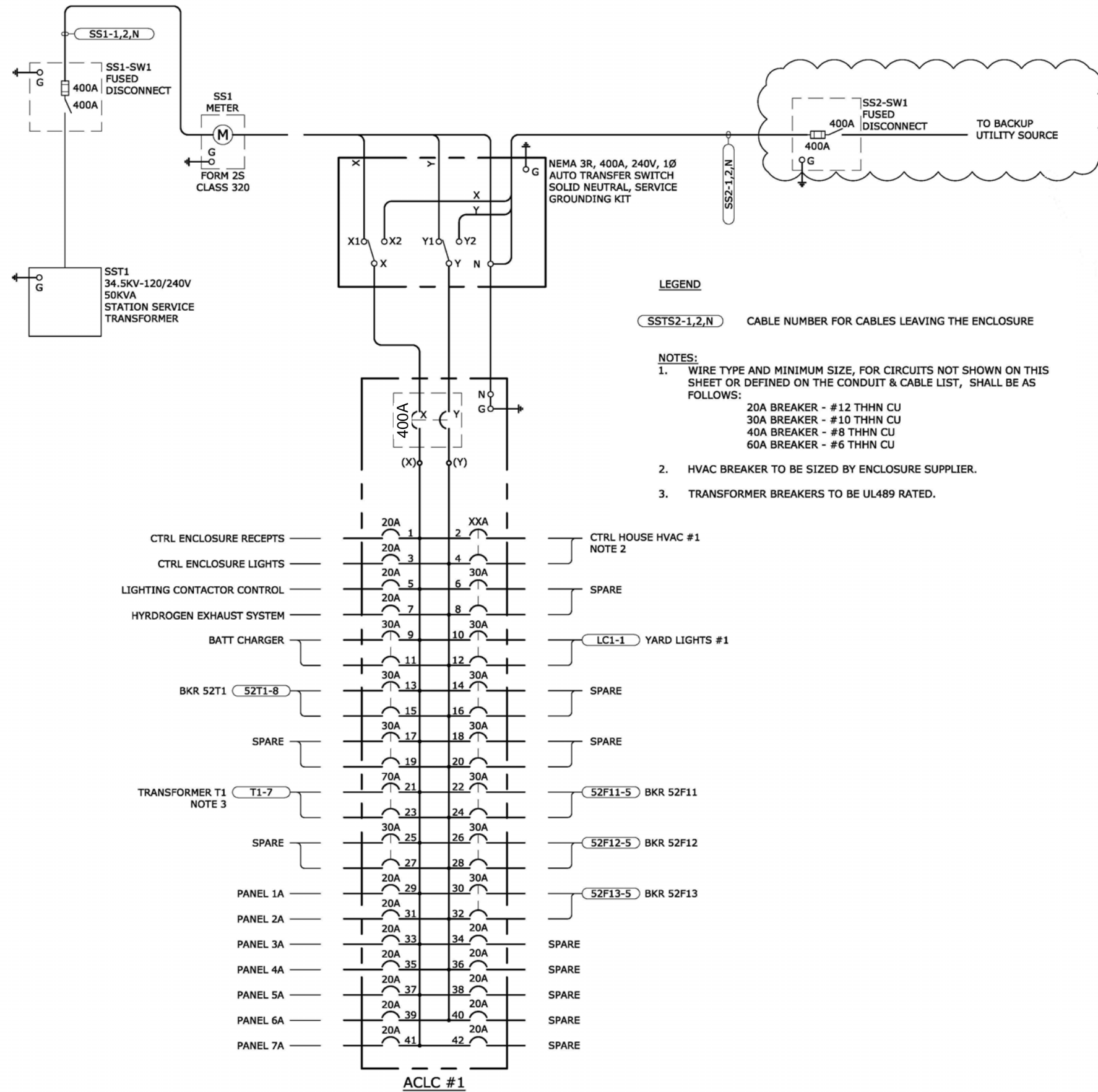
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FIRST FLOOR ELECTRICAL PLAN

Serial No. 40044	Date: AUG, 2019
Quote No. ##	Scale: As indicated
Model No. 7582A	Page No. E2.1
Job No. 2019-101-SW	

1/9/2020 3:28:58 PM



LEGEND
 SSTS2-1,2,N CABLE NUMBER FOR CABLES LEAVING THE ENCLOSURE

NOTES:
 1. WIRE TYPE AND MINIMUM SIZE, FOR CIRCUITS NOT SHOWN ON THIS SHEET OR DEFINED ON THE CONDUIT & CABLE LIST, SHALL BE AS FOLLOWS:
 20A BREAKER - #12 THHN CU
 30A BREAKER - #10 THHN CU
 40A BREAKER - #8 THHN CU
 60A BREAKER - #6 THHN CU

2. HVAC BREAKER TO BE SIZED BY ENCLOSURE SUPPLIER.
 3. TRANSFORMER BREAKERS TO BE UL489 RATED.

WHITLEY MANUFACTURING CO., INC.
 ELECTRICAL LOAD CALCULATION

MODEL # 40044
 PANEL # 1
 SERVICE TYPE:
 1-PHASE,
 240 VOLTS

UNIT WIDTH: 14 FT.
 UNIT LENGTH: 30 FT.
 TOTAL SQUARE FOOTAGE: 420 SQ. FT.
 TOTAL CALCULATED LIGHTING LOAD: 1470 WATTS
 TOTAL CONNECTED LIGHTING LOAD: 1289 WATTS
 TOTAL WATTS (w/ FACTOR) FOR LOADCENTER: 79026 WATTS
 AMPERE INTERRUPTING CAPACITY: 22K AMPS

WIRE SIZE	PNL. #	CIRC #	BRKR. SIZE	DESCRIPTION	DEVICE QTY	PHASE A	PHASE B	PHASE C	WATTAGE OF DEVICE	TOTAL WATTS	FACTOR NEC 210-22c	TOTAL WATTS w/ FACTOR
#12	1-1		20A/1P	INT. RECEP.TS	4	720.0			180	720	1.00	720
				EXT. RECEP.TS	1	180.0			180	180	1.00	180
				HVAC SERV. RECEP.T.	1	180.0			180	180	1.00	180
#6	1-2		60A/2P	HVAC 3.5T/10KW, 1PH	1	5664.0			5664	5664	1.25	7080
#12	1-3		20A/1P	EXIT/EMERGENCY LT.	2		96.0		48	96	1.25	120
				2-T8/ELEC. BALLST.	6		367.2		61	367	1.25	459
				70W. H.I.D. EXT. LT.	2		552.0		276	552	1.25	690
#6	1-4			HVAC 3.5T/10KW, 1PH	1		5664.0		5664	5664	1.25	7080
#12	1-5		20A/1P	LTG. CONTACTOR	1	150.0			150	150	1.00	150
#10	1-6		30A/2P	SPARE BRKR. 30	1	0.0			0	0	1.00	0
#12	1-7		20A/1P	HYDROGEN EXH. SYSTEM	1		720.0		720	720	1.00	720
#10	1-8			SPARE BRKR. 30	0		0.0		0	0	1.00	0
#10	1-9		30A/2P	BATTERY CHARGER	1	2880.0			2880	2880	1.00	2880
#10	1-10		30A/2P	YARD LIGHTS #1	1	2880.0			2880	2880	1.00	2880
#10	1-11			BATTERY CHARGER	1		2880.0		2880	2880	1.00	2880
#10	1-12			YARD LIGHTS #1	1		2880.0		2880	2880	1.00	2880
#10	1-13		30A/2P	BKR 52T1-8	1	2880.0			2880	2880	1.00	2880
#10	1-14		30A/2P	SPARE BRKR. 30	1	0.0			0	0	1.00	0
#10	1-15			BKR 52T1-8	1		2880.0		2880	2880	1.00	2880
#10	1-16			SPARE BRKR. 30	0		0.0		0	0	1.00	0
#10	1-17		30A/2P	SPARE BRKR. 30	1	0.0			0	0	1.00	0
#10	1-18		30A/2P	SPARE BRKR. 30	1	0.0			0	0	1.00	0
#10	1-19			SPARE BRKR. 30	0		0.0		0	0	1.00	0
#10	1-20			SPARE BRKR. 30	0		0.0		0	0	1.00	0
#4	1-21		70A/2P	T1-7	1	6720.0			6720	6720	1.00	6720
#10	1-22		30A/2P	BKR 52F11	1	2880.0			2880	2880	1.00	2880
#4	1-23			T1-7	1		6720.0		6720	6720	1.00	6720
#10	1-24			BKR 52F11	1		2880.0		2880	2880	1.00	2880
#10	1-25		30A/2P	SPARE BRKR. 30	1	0.0			0	0	1.00	0
#10	1-26		30A/2P	BKR 52F12	1	2880.0			2880	2880	1.00	2880
#10	1-27			SPARE BRKR. 30	0		0.0		0	0	1.00	0
#10	1-28			BKR 52F12	1		2880.0		2880	2880	1.00	2880
#12	1-29		20A/1P	PANEL 1A	1	1920.0			1920	1920	1.00	1920
#10	1-30		30A/2P	BKR 52F13	1	2880.0			2880	2880	1.00	2880
#12	1-31		20A/1P	PANEL 2A	1		1920.0		1920	1920	1.00	1920
#10	1-32			BKR 52F13	1		2880.0		2880	2880	1.00	2880
#12	1-33		20A/1P	PANEL 3A	1	1920.0			1920	1920	1.00	1920
#12	1-34		20A/1P	SMOKE DETECTOR	2	6.0			3	6	1.00	6
#12	1-35		20A/1P	PANEL 4A	1		1920.0		1920	1920	1.00	1920
#12	1-36		20A/1P	ALARM BOX AUX. POWER	0		0.0		1920	0	1.00	0
#12	1-37		20A/1P	PANEL 5A	1	1920.0			1920	1920	1.00	1920
#12	1-38		20A/1P	SPARE BRKR. 20	1	0.0			0	0	1.00	0
#12	1-39		20A/1P	PANEL 6A	1		1920.0		1920	1920	1.00	1920
#12	1-40		20A/1P	SPARE BRKR. 20	1		0.0		0	0	1.00	0
#12	1-41		20A/1P	PANEL 7A	1	1920.0			1920	1920	1.00	1920
#12	1-42		20A/1P	SPARE BRKR. 20	1	0.0			0	0	1.00	0

TOTAL WATTAGE, PHASE "A"= 38580.0 WATTS
 TOTAL WATTAGE, PHASE "B"= 37159.2 WATTS
 TOTAL WATTAGE, PHASE "C"= 0.0 WATTS

TOTAL ACTUAL WATTAGE: 75739.2
 (1-PHASE) 240 Volts = 315.6 AMPS X 125 % MULTIPLIER* = 329.3 AMP's. TOTAL CALCULATED
 * (continuous loads only) 400 AMP. MAIN BREAKER SIZE

NOTES:
 1. The ID # is intended to identify a specific circuit breaker or location inside the loadcenter.
 2. Circuits shall be balanced between phases as near as possible in accordance with N.E.C.

No.	Description	Date

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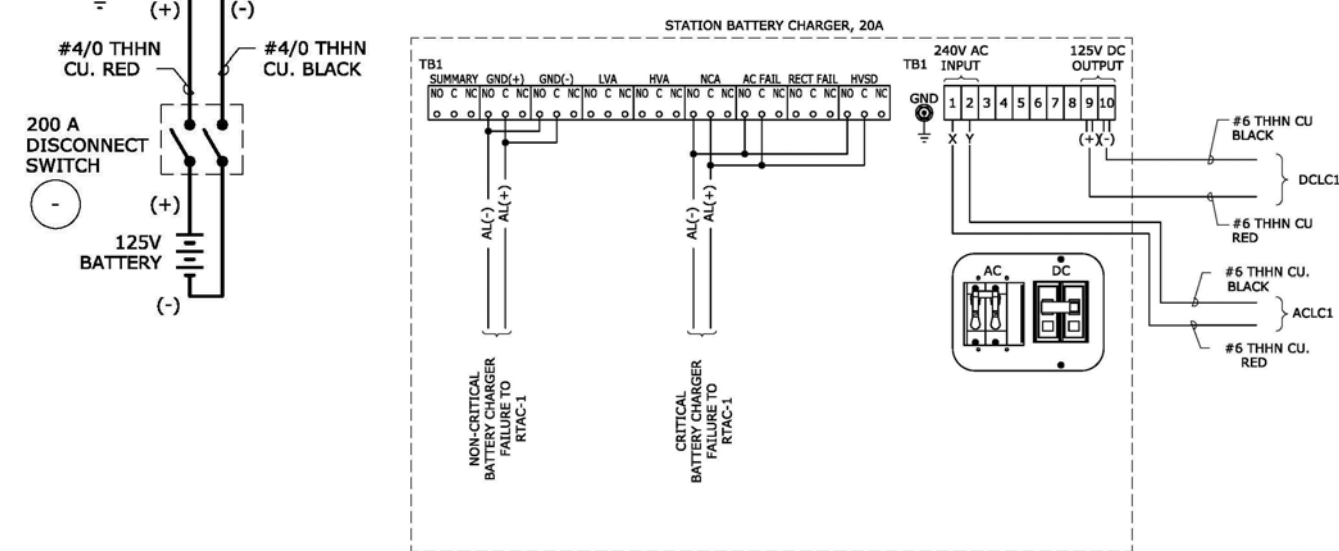
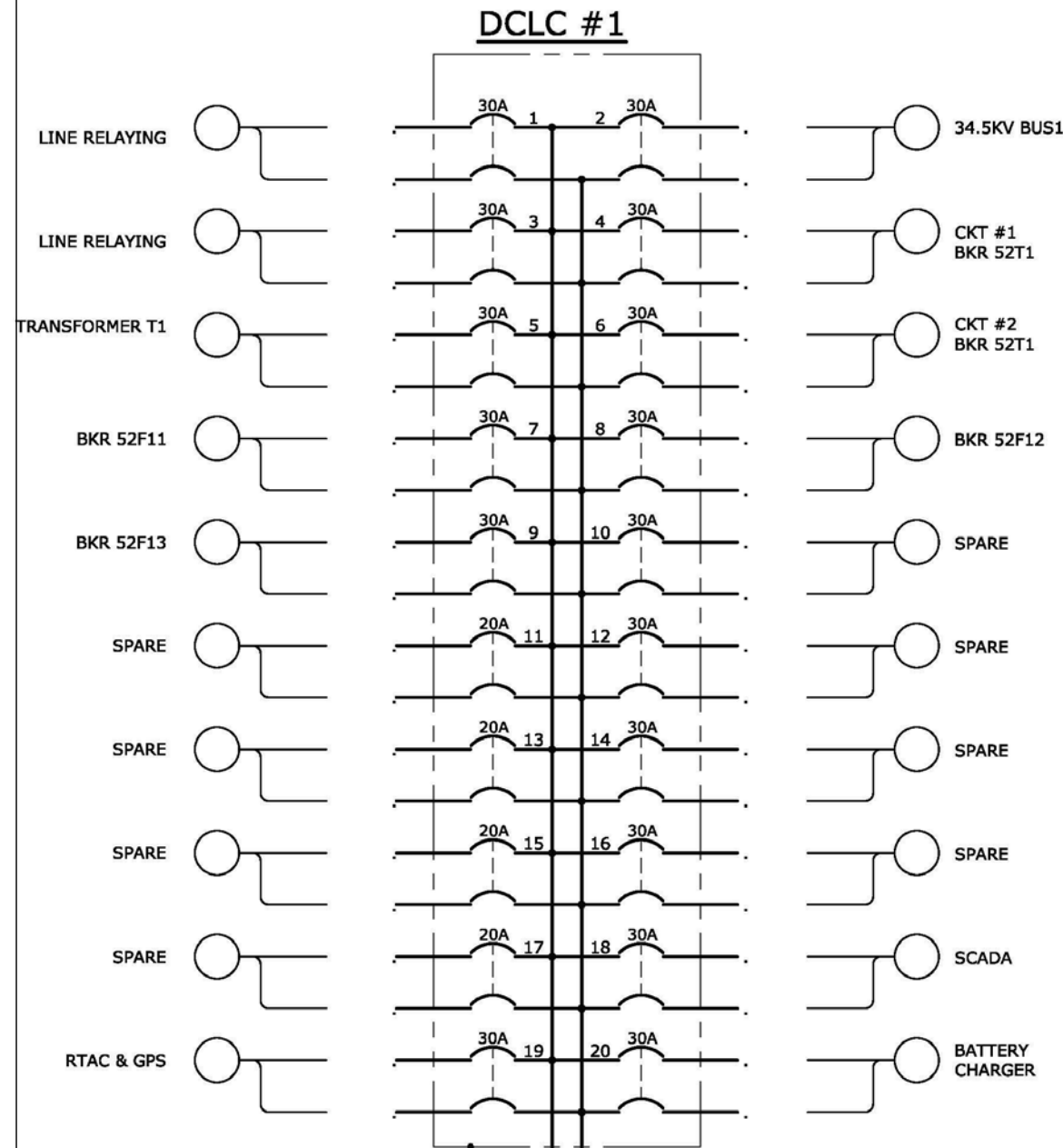
Drawn By: DLS
 Checked By: PG
 Rev:

ELECTICAL AC PANELBOARD

Serial No. 40044	Date: AUG, 2019
Quote No. #	Scale:
Model No. 7582A	Page No. E2.2
Job No. 2019-101-SW	

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MODEL # 7582a
PANEL # 2
SERVICE TYPE:
DIRECT CURRENT PANEL
125 VOLTS



WIRE SIZE	PNL #	CIRC #	BRKR. SIZE	DESCRIPTION	DEVICE QTY	+ A	- B	DEVICE WATTAGE	TOTAL WATTS
#10	2-1	30A/2P		LINE RELAYING	1	1950.0		1950	1950
#10	2-2	30A/2P		34.5KV BUS 1	1	2400.0		2400	2400
#10				LINE RELAYING	1		0.0	0	0
#10				34.5KV BUS 1	1		0.0	0	0
#10	2-3	30A/2P		LINE RELAYING	1	1950.0		1950	1950
#10	2-4	30A/2P		CKT # 1 BKR 52T1	1	1950.0		1950	1950
#10				LINE RELAYING	1		0.0	0	0
#10				CKT # 1 BKR 52T1	1		0.0	0	0
#10	2-5	30A/2P		TRANSFRMR T1	1	2400.0		2400	2400
#10	2-6	30A/2P		CKT # 2 BKR 52T1	1	2400.0		2400	2400
#10				TRANSFRMR T1	1		0.0	0	0
#10				CKT # 2 BKR 52T1	1		0.0	0	0
#10	2-7	30A/2P		BKR 52F11	1	1950.0		1950	1950
#10	2-8	30A/2P		BKR 52F12	1	1800.0		1800	1800
#10				BKR 52F11	1		0.0	0	0
#10				BKR 52F12	1		0.0	0	0
#10	2-9	30A/2P		BKR 52F13	1	1950.0		1950	1950
#10	2-10	30A/2P		SPARE, 30A	1	0.0		0	0
#10				BKR 52F13	1		0.0	0	0
#10				SPARE, 30A	1		0.0	0	0
#12	2-11	20A/2P		SPARE, 20A	1	0.0		0	0
#10	2-12	30A/2P		SPARE, 30A	1	0.0		0	0
#12				SPARE, 20A	1		0.0	0	0
#10				SPARE, 30A	1		0.0	0	0
#12	2-13	20A/2P		SPARE, 20A	1	0.0		0	0
#10	2-14	30A/2P		SPARE, 30A	1	0.0		0	0
#12				SPARE, 20A	1		0.0	0	0
#10				SPARE, 30A	1		0.0	0	0
#12	2-15	20A/2P		SPARE, 20A	1	0.0		0	0
#10	2-16	30A/2P		SPARE, 30A	1	0.0		0	0
#12				SPARE, 20A	1		0.0	0	0
#10				SPARE, 30A	1		0.0	0	0
#12	2-17	20A/2P		SPARE, 20A	1	0.0		0	0
#10	2-18	30A/2P		SCADA	1	1800.0		1800	1800
#12				SPARE, 20A	1		0.0	0	0
#10				SCADA	1		0.0	0	0
#10	2-19	30A/2P		RTAC & GPS	1	1950.0		1950	1950
#6	2-20	30A/2P		BATTERY CHARGER	1	2500.0		2500	2500
#10				RTAC & GPS	1		0.0	0	0
#6				BATTERY CHARGER	1		0.0	0	0

TOTAL WATTAGE, PHASE "A"= 25000.0 WATTS
TOTAL WATTAGE, PHASE "B"= 0.0 WATTS

TOTAL ACTUAL WATTAGE: 25000.0 (1-PHASE) = 200.0 AMP's. TOTAL CALCULATED
125 Volts = 200 AMP. MAIN BREAKER SIZE

- NOTES:
- The ID # is intended to identify a specific circuit breaker or location inside the loadcenter
 - Circuits shall be balanced between phases as near as possible in accordance with N.E.C.

No.	Description	Date

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Checked By: PG
Rev:

ELECTRICAL DC PANELBOARD

Serial No. 40044	Date: AUG, 2019
Quote No. ##	Scale:
Model No. 7582A	Page No. E2.3
Job No. 2019-101-SW	

CONDUIT WIRE FILL CHART							PAGE #	1
SERIAL #:		40044		JOB:		BITTER RIDGE SUBSTATION		
DWG. #				JOB #		2019-101-SW		
MOD. #		7582A						
CONDUIT RUN ID.	CIRC. NUMBER	CONDUIT TYPE/SIZE (1/2" EMT, UN-LESS NOTED)	WIRE SIZE #12, UN-LESS NOTED	WIRE COLORS		USE		
NO./LETTER				B: BLACK BL: BLUE Y: YELLOW W: WHITE G: GREEN PK: PINK	R: RED BR: BROWN O: ORANGE GR: GRAY P: PURPLE	L: LINE G: GROUND T: TRAVELER	N: NEUTRAL S/L: SWITCH LEG CN: COMMON NEUTRAL IG: ISOL. GROUND GFP: GND FAULT PROTECTED	
A	1-3				R	L		
	1-3				W	N		
	1-34				B	L		
	1-34				W	N		
					G	G		
B	1-3				R	L		
	1-3				W	N		
	1-3				P	T		
	1-3				Y	T		
					G	G		
C	1-3				R	L		
	1-3				W	N		
	1-3				P	T		
	1-3				Y	T		
					G	G		
D	1-3				R	L		
	1-3				W	N		
	1-3				P	T		
	1-3				Y	T		
					G	G		
E	1-34				B	L		
	1-34				W	N		
					G	G		
F	1-34				B	L		
	1-34				W	N		
	1-34				R	INTERCONNECT		
					G	G		
G	1-3				R	L		
	1-3				W	N		
	1-3				P	T		
	1-3				Y	T		
	1-3				O	S/L		
					G	G		
H	1-3				O	S/L		
	1-3				W	N		
	1-3				G	G		
J	1-3				W	N		
	1-3				P	T		
	1-3				Y	T		
	1-3				O	S/L		
					G	G		
K	1-1				B	L		
	1-1				W	N		
	1-1				R	L		
	1-1				W	N		
					G	G		

CONDUIT WIRE FILL CHART							PAGE #	2
SERIAL #:		40044		JOB:		BITTER RIDGE SUBSTATION		
DWG. #		0		JOB #		2019-101-SW		
MOD. #		7582A						
CONDUIT RUN ID.	CIRC. NUMBER	CONDUIT TYPE/SIZE (1/2" EMT, UN-LESS NOTED)	WIRE SIZE #12, UN-LESS NOTED	WIRE COLORS		USE		
NO./LETTER				B: BLACK BL: BLUE Y: YELLOW W: WHITE G: GREEN PK: PINK	R: RED BR: BROWN O: ORANGE GR: GRAY P: PURPLE	L: LINE G: GROUND T: TRAVELER	N: NEUTRAL S/L: SWITCH LEG CN: COMMON NEUTRAL IG: ISOL. GROUND GFP: GND FAULT PROTECTED	
L	1-7				O	S/L		
	1-7				W	N		
					G	G		
M	1-1				B	L		
	1-1				W	N		
	1-7				R	L		
	1-7				W	N		
	1-7				O	S/L		
					G	G		
N	1-1				B	L		
	1-1				W	N		
					G	G		
O	1-7				R	L		
	1-7				O	S/L		
	1-7				W	N		
					G	G		
P	1-5	3/4"			R	L		
	1-5				W	N		
	1-10		#10		B	L		
	1-12		#10		R	L		
					G	G		
Q	1-2		#6		B	L		
	1-4		#6		R	L		
					G	G		
R	1-34				Y	NO (NORMAL OPEN)		
	1-34				O	NC (NORMAL CLOSED)		
	1-34				W	N		
					G	G		
S	1-7				R	1% RELAY		
	1-7				P	2% RELAY		
	1-7				W	N		
					G	G		
T	1-34				Y	NO (NORMAL OPEN)		
	1-34				O	NC (NORMAL CLOSED)		
	1-34				W	N		
	1-7				R	1% RELAY		
	1-7				P	2% RELAY		
	1-7				W	N		
					G	G		

No.	Description	Date

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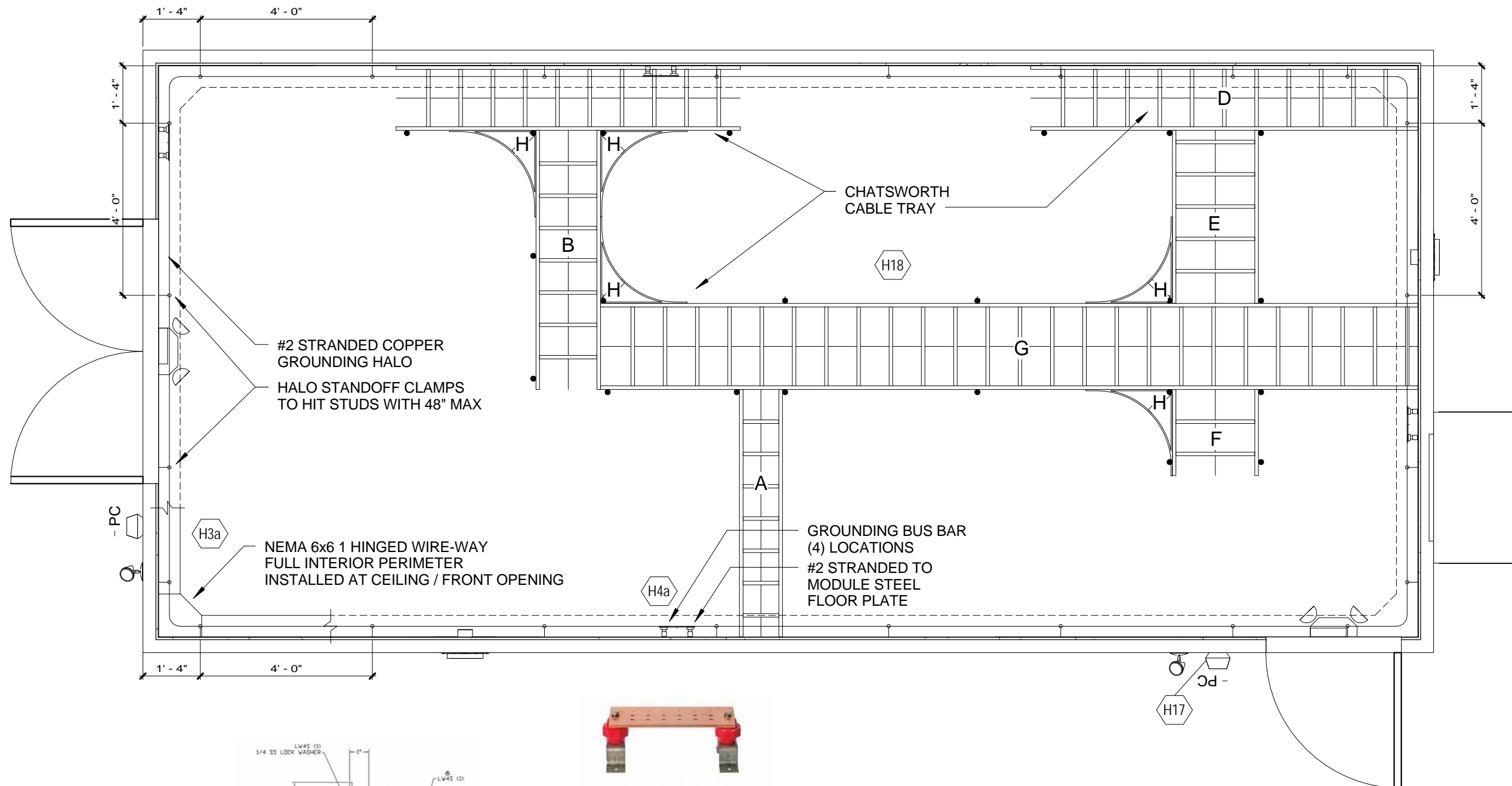
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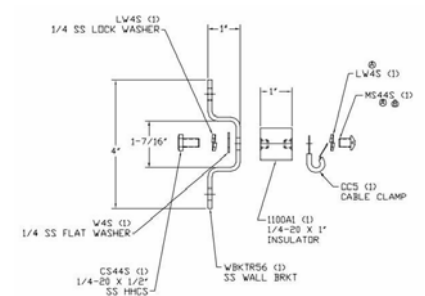
CONDUIT WIRE FILLS

Serial No.	40044	Date:	AUG, 2019
Quote No.	##	Scale:	
Model No.	7582A	Page No.	E2.4
Job No.	2019-101-SW		

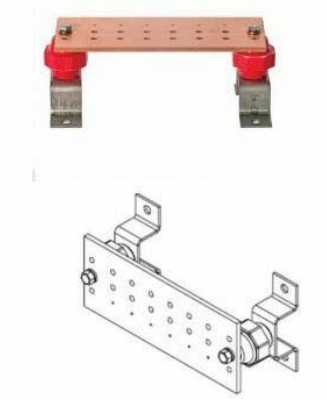
2 Cable Tray Layout
3/8" = 1'-0"



4 Halo Stand offs
3" = 1'-0"



3 Grounding Bus Bar
12" = 1'-0"



No.	Description	Date

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CABLE TRAY / GROUNDING HALO LOOP

Serial No. 40044	Date: AUG, 2019
Quote No. ##	Scale: As indicated
Model No. 7582A	Page No. E3.1
Job No. 2019-101-SW	

CHATSWORTH UL Classified Cable Runway Accessories Schedule					
Count	Equipment Number	Equipment Abbreviation	Manufacturer	Part Number	Part Description
5	H	CTA	Chatsworth Products, Inc.	11959-724	Ladder Cable Pathway Corner Bracket, 24 Inch Wide, Black

CHATSWORTH UL Classified Cable Runway Schedule								
Count	Equipment Number	Equipment Abbreviation	Manufacturer	Height	Width	Length	Part Number	Part Description
1	A	CT	Chatsworth Products, Inc.	1 1/2"	12"	5' - 9"	11275-012	UL Classified Cable Runway, 12" Wide, Gold
1	B	CT	Chatsworth Products, Inc.	1 1/2"	18"	6' - 0 1/4"	11275-018	UL Classified Cable Runway, 18" Wide, Gold
1	C	CT	Chatsworth Products, Inc.	1 1/2"	18"	8' - 0"	11275-018	UL Classified Cable Runway, 18" Wide, Gold
1	D	CT	Chatsworth Products, Inc.	1 1/2"	18"	9' - 0"	11275-018	UL Classified Cable Runway, 18" Wide, Gold
1	E	CT	Chatsworth Products, Inc.	1 1/2"	24"	4' - 0 1/4"	11275-024	UL Classified Cable Runway, 24" Wide, Gold
1	F	CT	Chatsworth Products, Inc.	1 1/2"	24"	2' - 0"	11275-024	UL Classified Cable Runway, 24" Wide, Gold
1	G	CT	Chatsworth Products, Inc.	1 1/2"	24"	19' - 0"	11275-024	UL Classified Cable Runway, 24" Wide, Gold

No.	Description	Date

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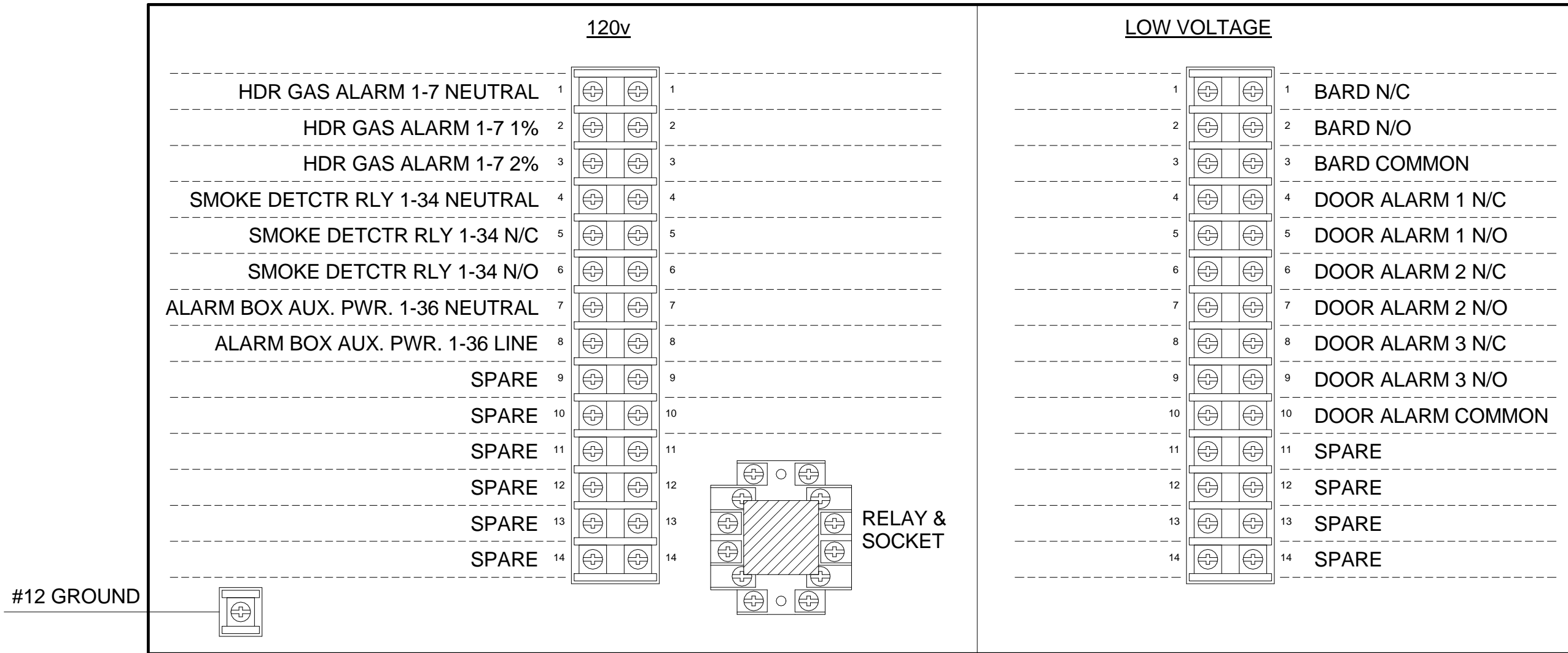
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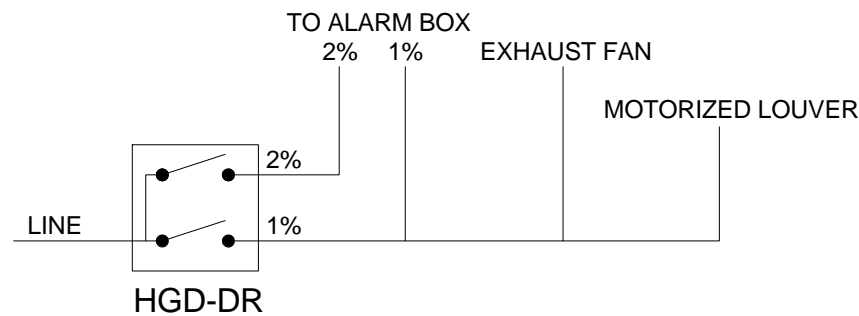
CABLE TRAY PARTS LIST

Serial No. 40044	Date: AUG, 2019
Quote No. ##	Scale:
Model No. 7582A	Page No. E3.2
Job No. 2019-101-SW	

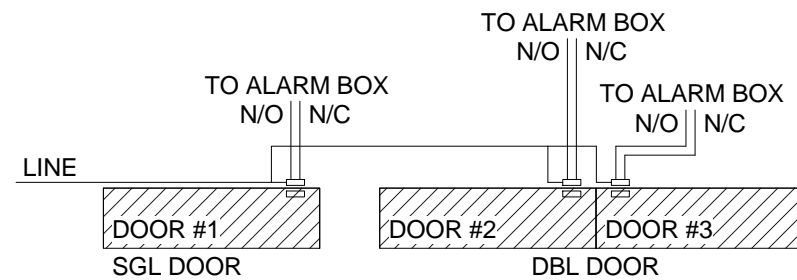
PARTITION



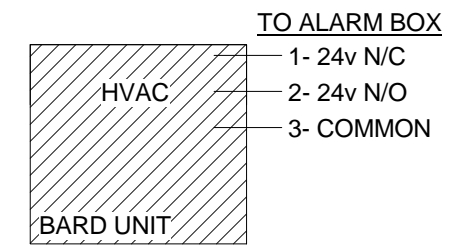
1 ALARM BOX DETAIL - 12"x12"x4"
1/2" = 1'-0"



2 HYDROGEN GAS DETECTOR ALARM
3/8" = 1'-0"



3 DOOR CONTACT SWITCH
3/8" = 1'-0"



4 BARD ALARM
3/8" = 1'-0"

No.	Description	Date

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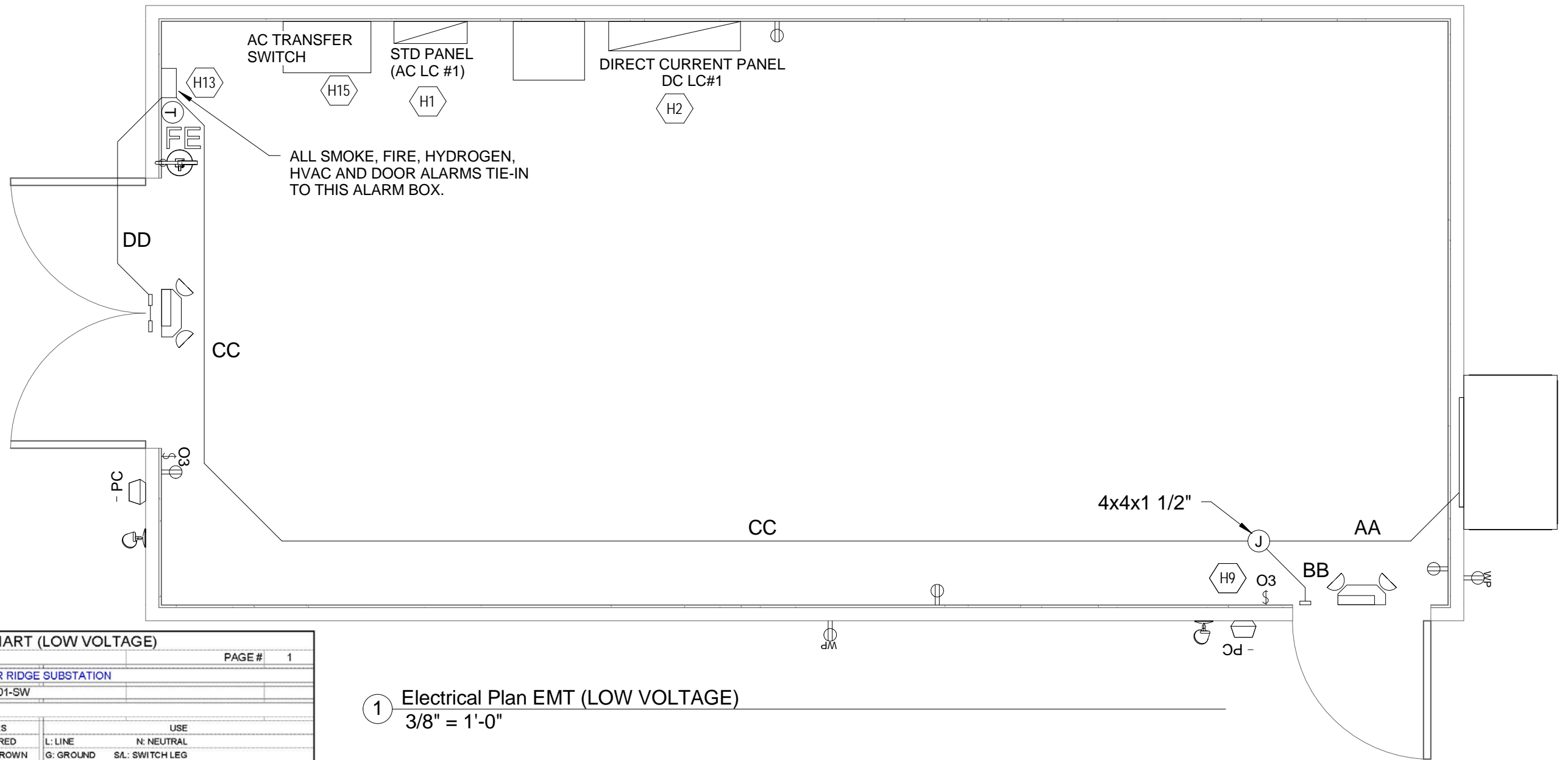
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ALARM BOX DETAILS

Serial No. 40044	Date: AUG, 2019
Quote No. ##	Scale: As indicated
Model No. 7582A	Page No. E4.1
Job No. 2019-101-SW	



CONDUIT WIRE FILL CHART (LOW VOLTAGE)						PAGE #	1
SERIAL #:		40044		JOB:		BITTER RIDGE SUBSTATION	
DWG. #:				JOB #:		2019-101-SW	
MOD. #:		7582A					
CONDUIT RUN ID.	TERM BLOCK #	CONDUIT TYPE/SIZE (1/2" EMT, UNLESS NOTED)	WIRE SIZE #18, UNLESS NOTED	WIRE COLORS		USE	
				B: BLACK	R: RED	L: LINE	N: NEUTRAL
				BL: BLUE	BR: BROWN	G: GROUND	SA: SWITCH LEG
				Y: YELLOW	O: ORANGE	CN: COMMON NEUTRAL	
				W: WHITE	GR: GRAY	T: TRAVELER	IG: ISOL. GROUND
				G: GREEN	P: PURPLE	GFP: GND FAULT PROTECTED	
				PK: PINK			
AA	1			BR		NORMAL CLOSED (BARD)	
	2			GR		NORMAL OPEN	
	3			P		COMMON	
BB	4			BL		NORMAL CLOSED (DOOR #1)	
	5			O		NORMAL OPEN	
	10			PK		COMMON	
CC	1			BR		NORMAL CLOSED (BARD)	
	2			GR		NORMAL OPEN	
	3			P		COMMON	
	4			BL		NORMAL CLOSED (DOOR #1)	
	5			O		NORMAL OPEN	
	10			PK		COMMON	
DD	6			BL		NORMAL CLOSED (DOOR #2)	
	7			O		NORMAL OPEN	
	8			BL		NORMAL CLOSED (DOOR #3)	
	9			O		NORMAL OPEN	
	10			PK		COMMON	

1 Electrical Plan EMT (LOW VOLTAGE)
3/8" = 1'-0"

No.	Description	Date

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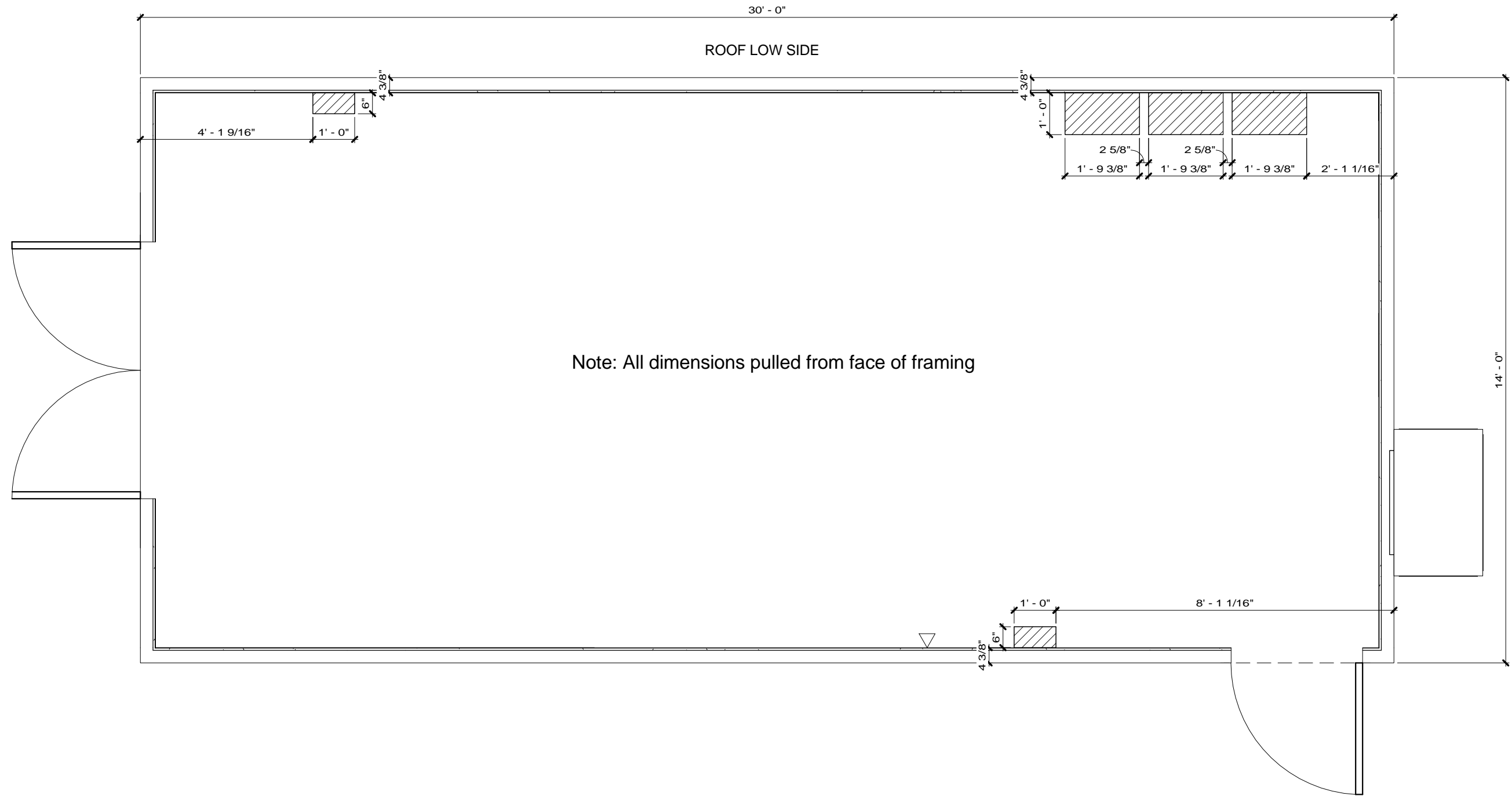


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LOW VOLTAGE WIRE FILLS

Serial No.	40044	Date:	AUG, 2019
Quote No. ##	7582A	Scale:	3/8" = 1'-0"
Model No.	2019-101-SW	Page No.	E4.2
Job No.	2019-101-SW		



Note: All dimensions pulled from face of framing

1 Floor Openings
3/8" = 1'-0"

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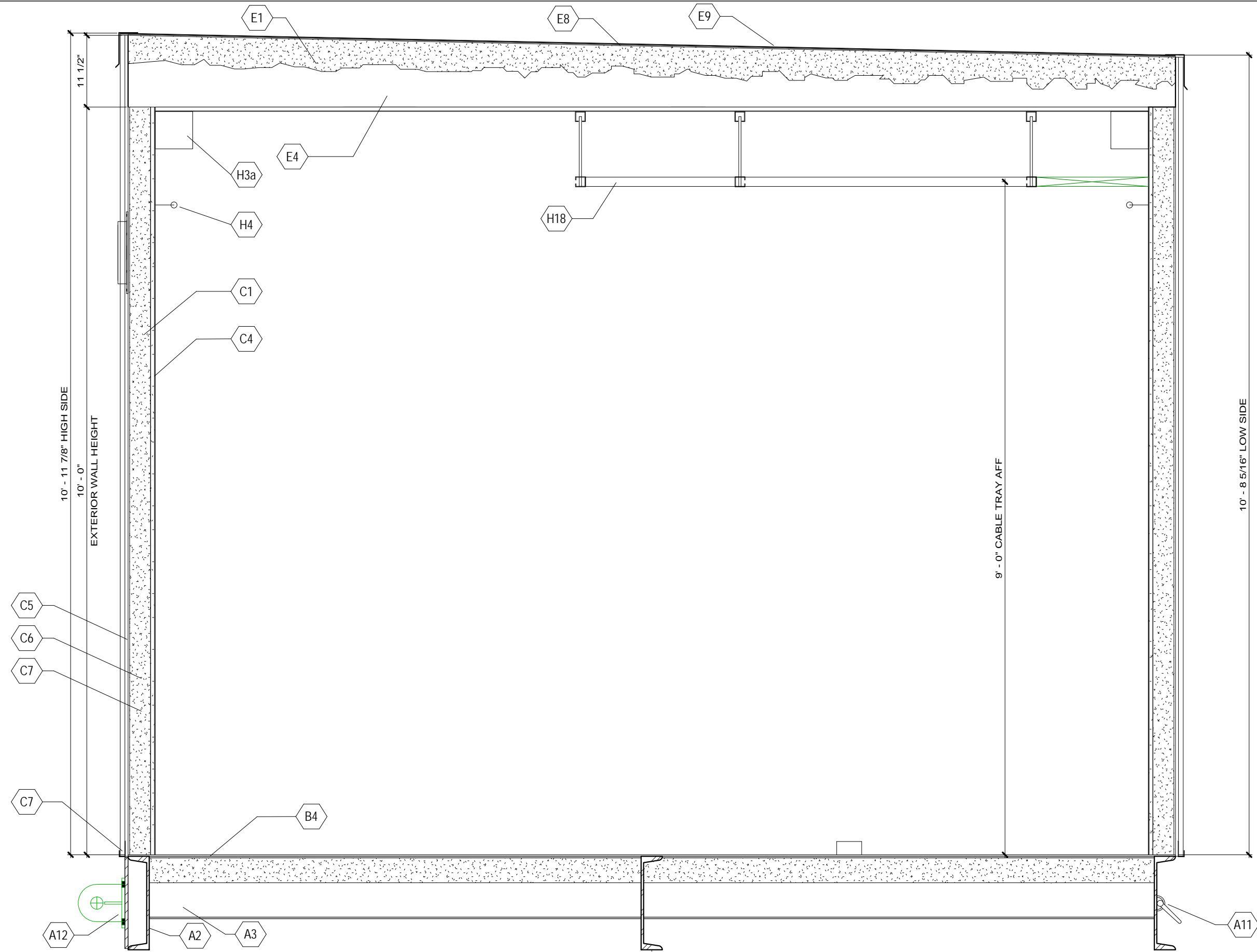
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FLOOR CUT OUTS

Serial No. 40044	Date: AUG, 2019
Quote No. ##	Scale: 3/8" = 1'-0"
Model No. 7582A	Page No. S1.2
Job No. 2019-101-SW	



10' - 11 7/8" HIGH SIDE
10' - 0" EXTERIOR WALL HEIGHT

9' - 0" CABLE TRAY AFF

10' - 8 5/16" LOW SIDE

No.	Description	Date

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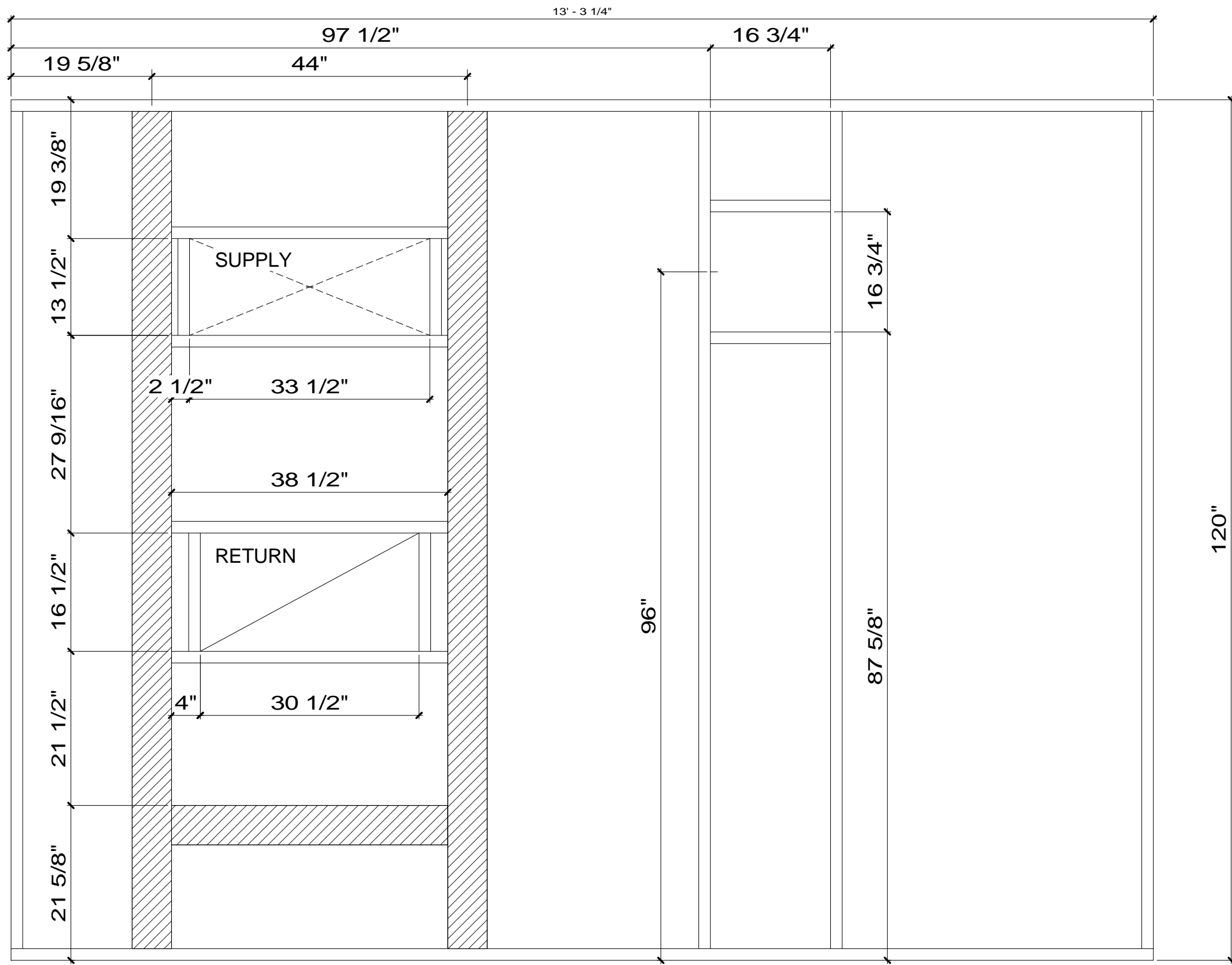
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CROSS SECTION

Serial No. 40044	Date: AUG, 2019
Quote No. ##	Scale: 3/4" = 1'-0"
Model No. 7582A	Page No. S2.1
Job No. 2019-101-SW	



1 HVAC Wall Detail
3/4" = 1'-0"

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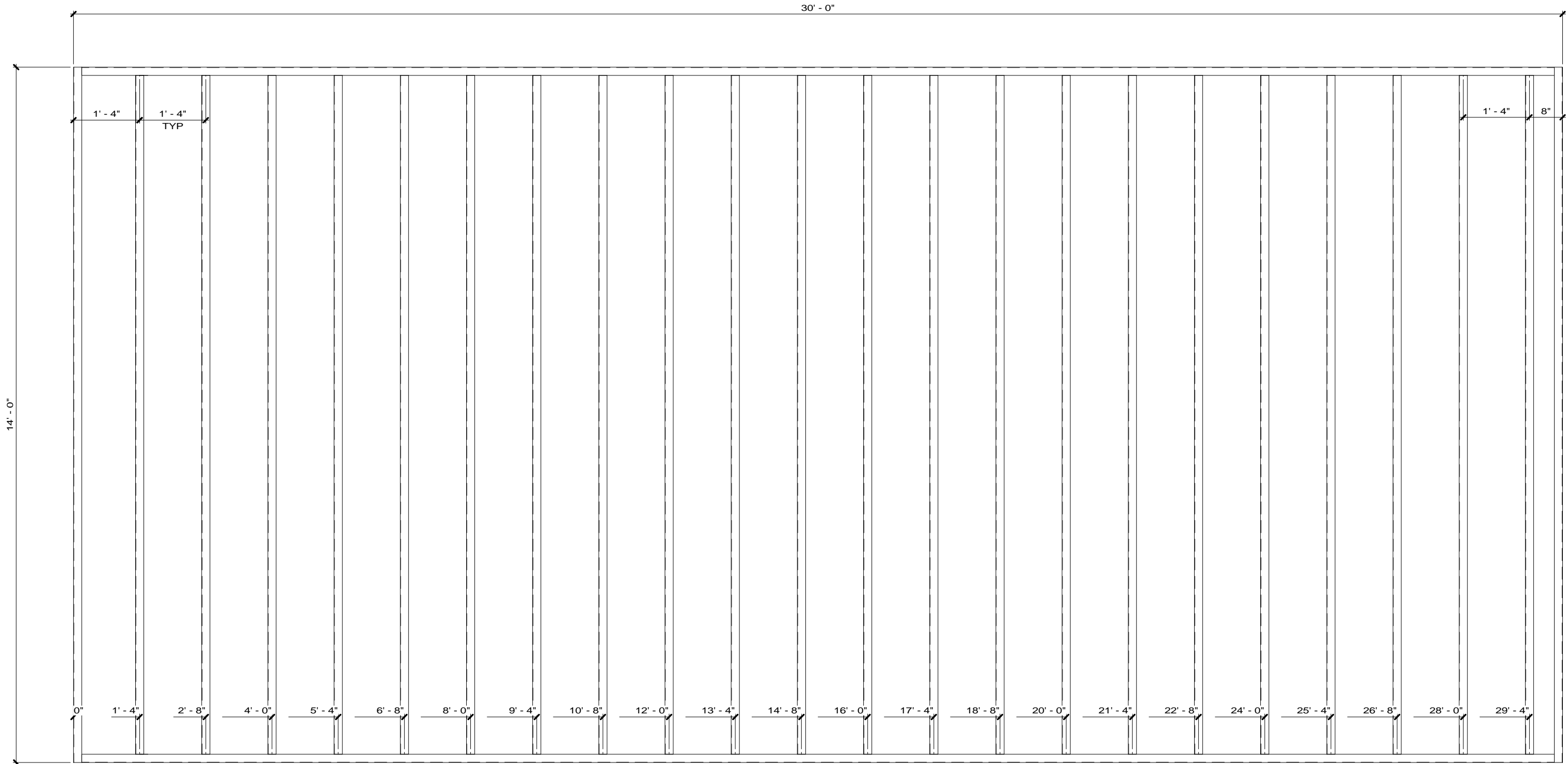
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WALL DETAIL

Serial No. 40044	Date: AUG, 2019
Quote No. ##	Scale: 3/4" = 1'-0"
Model No. 7582A	Page No. S2.2
Job No. 2019-101-SW	



1 First Floor Roof Framing Plan
 1/2" = 1'-0"

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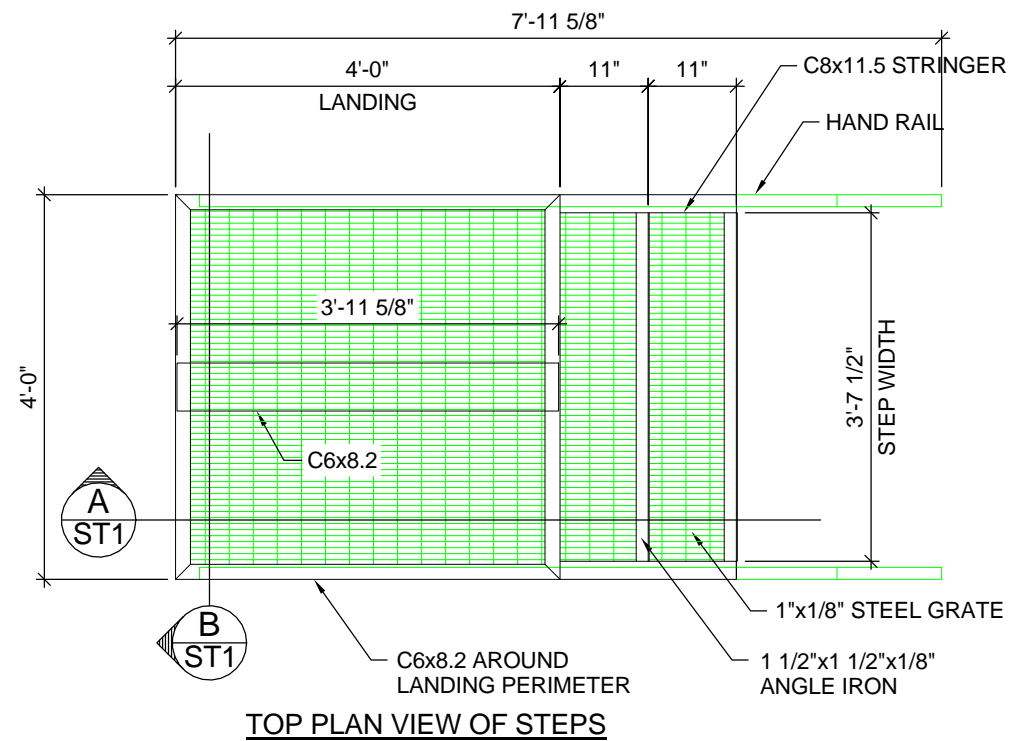
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FLOOR FRAMING

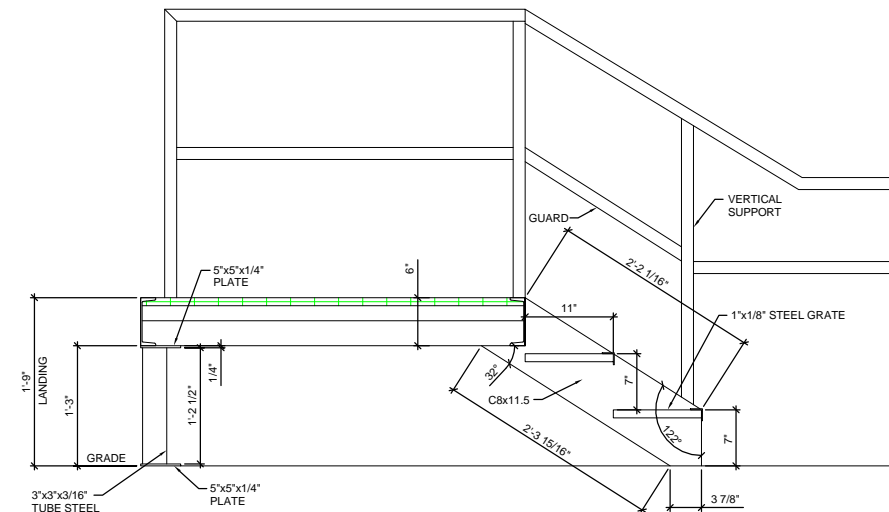
Serial No. 40044	Date: AUG, 2019
Quote No. ##	Scale: 1/2" = 1'-0"
Model No. 7582A	Page No. S3.1
Job No. 2019-101-SW	



TOP PLAN VIEW OF STEPS

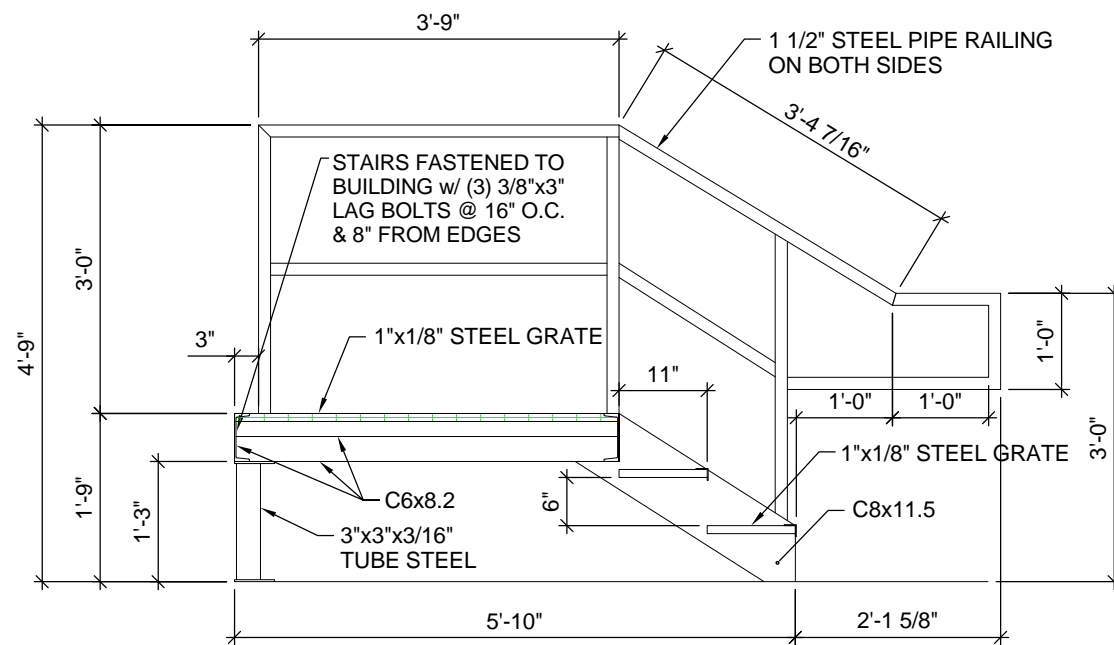
STEP PLAN

SCALE: 1/2"=1'-0"

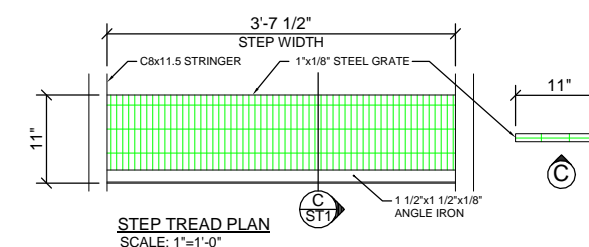
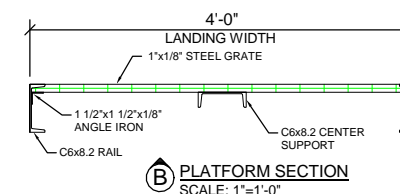


REAR LEG DETAIL

STRINGER DETAIL



A STEP SECTION
SCALE: 1/2"=1'-0"



1 Stair Details
1/2" = 1'-0"

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Rev:

STAIR DETAILS

Serial No. 40044	Date: AUG, 2019
Quote No. ##	Scale: 1/2" = 1'-0"
Model No. 7582A	Page No. ST1
Job No. 2019-101-SW	

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