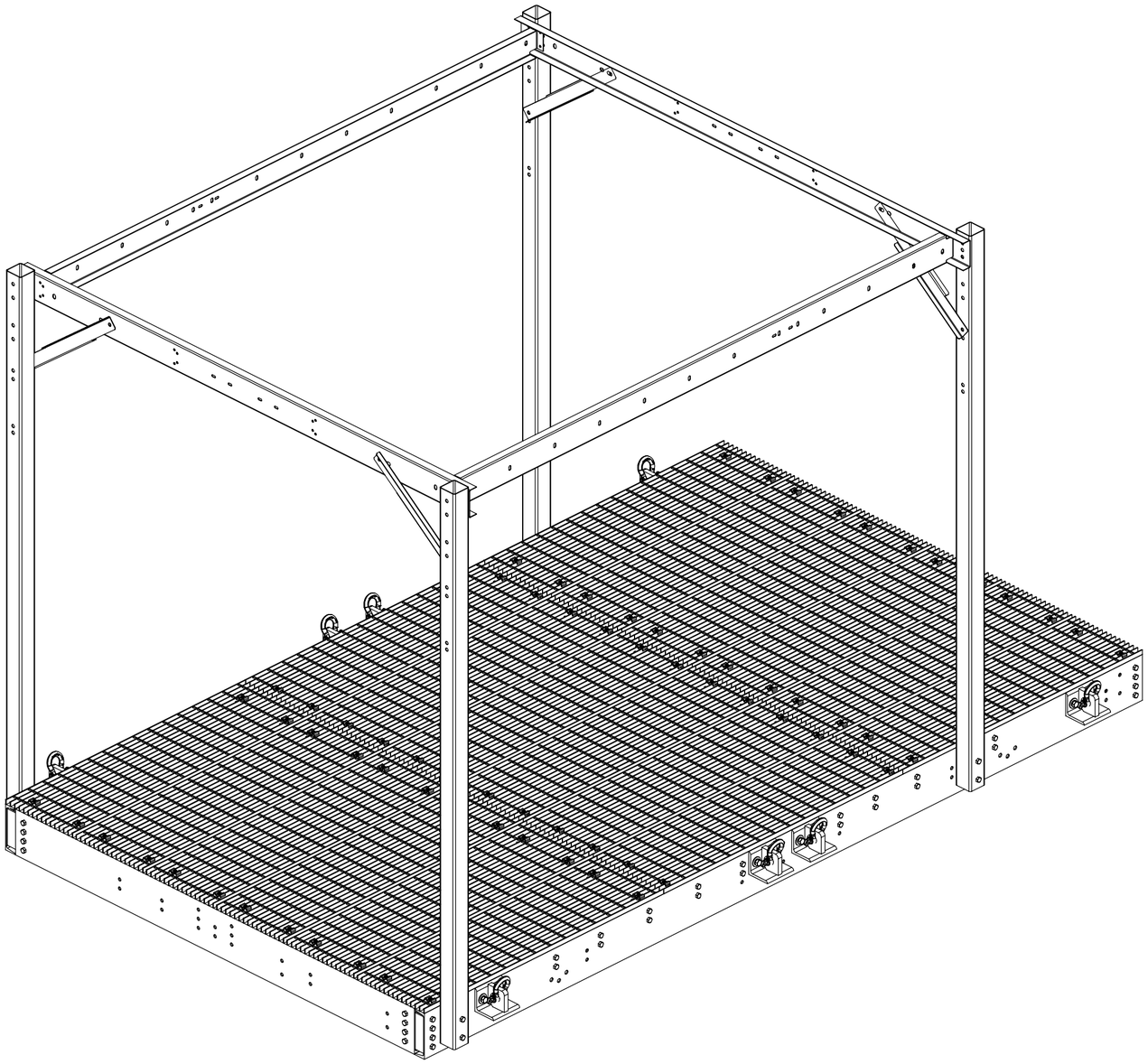
NOTES:

REVISIONS				
REV.	ECN	DESCRIPTION	BY	DATE
A		INITIAL RELEASE	MRC	9/26/16



COMMSCOPE®

VZW9.4X16-GLSP-3

COMMSCOPE, INC. OF NORTH CAROLINA

TOLERANCES		SAP MATERIAL MASTER
0 PLACE X ± .25	2 PLACE .XX ± .06	MTC3841
1 PLACE .X ± .12	ANGLES ± 2°	

FINISH	MATERIAL
GALV A123	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS INTERPRET PER ISO STANDARDS HANDBOOK, TECHNICAL DRAWINGS, VOLUMES 1 & 2, THIRD EDITION (2002)

	NAME	DATE
CE	MRC	06/07/16
RW		
RV		
AD		
RE	TP	06/07/16
ECN	800000	

TITLE: **PLATFORM, 9'4" x 16', GENERATOR**

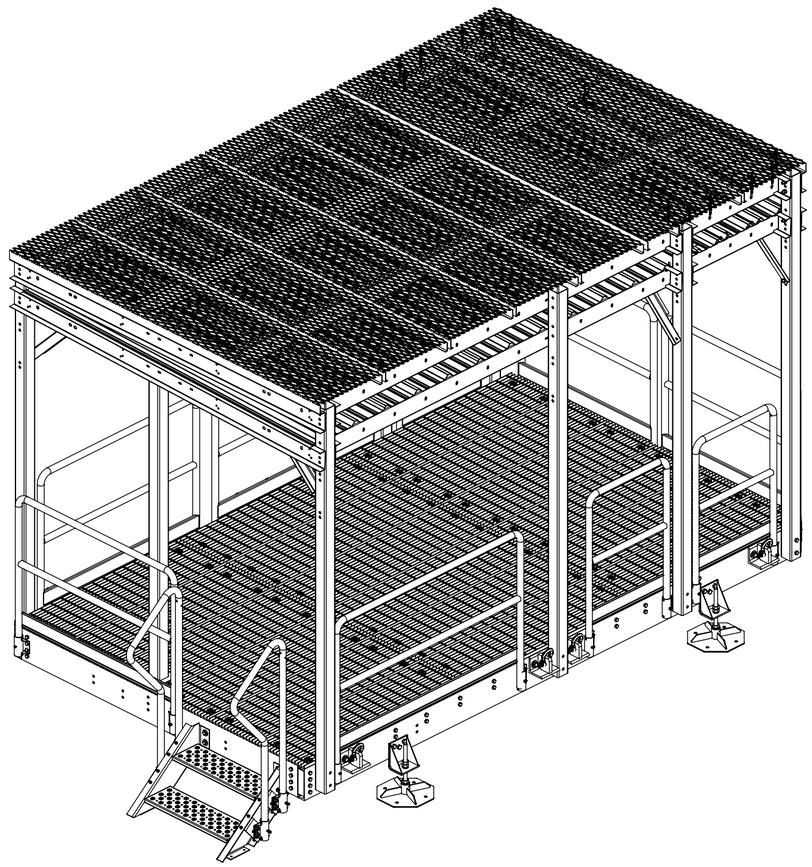
SCALE: 1:32

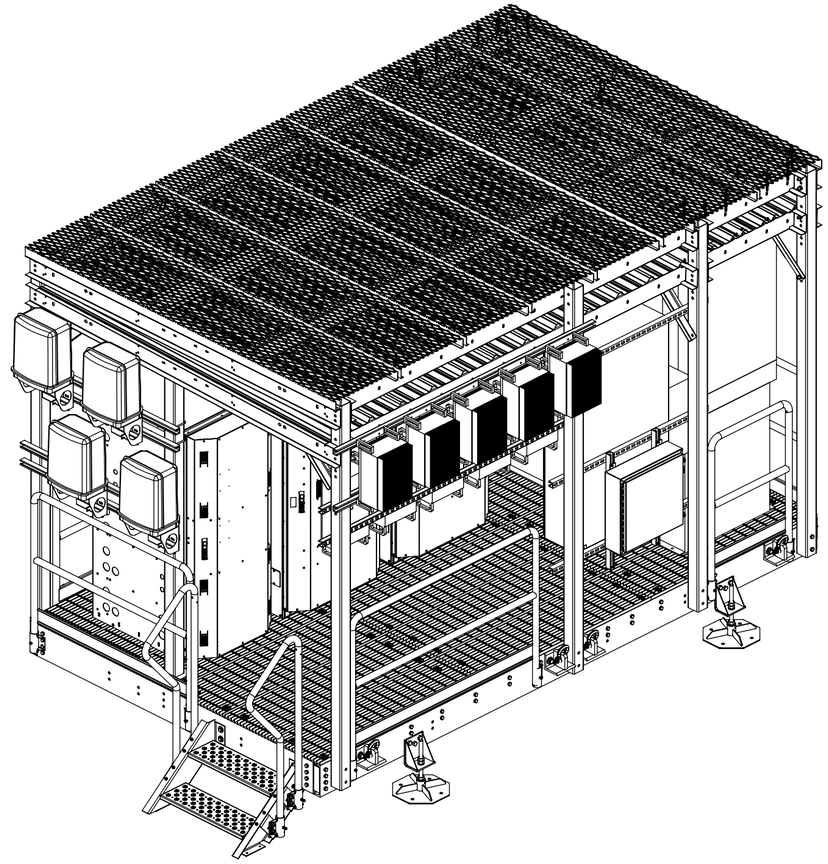
DOCUMENT NO.: **MTC3841**

DENSITY	0.28	lbs/in³
MASS	3457.56	lbs
VOLUME	12232.24	in³
SURFACE AREA		in²
HEIGHT		
LENGTH		
WIDTH		

SIZE	WORK AREA	MODEL			DRAWING			SHEET
		VERSION	STATUS	REVISION	VERSION	STATUS	REVISION	
C							A	1 OF 12

NOTES:

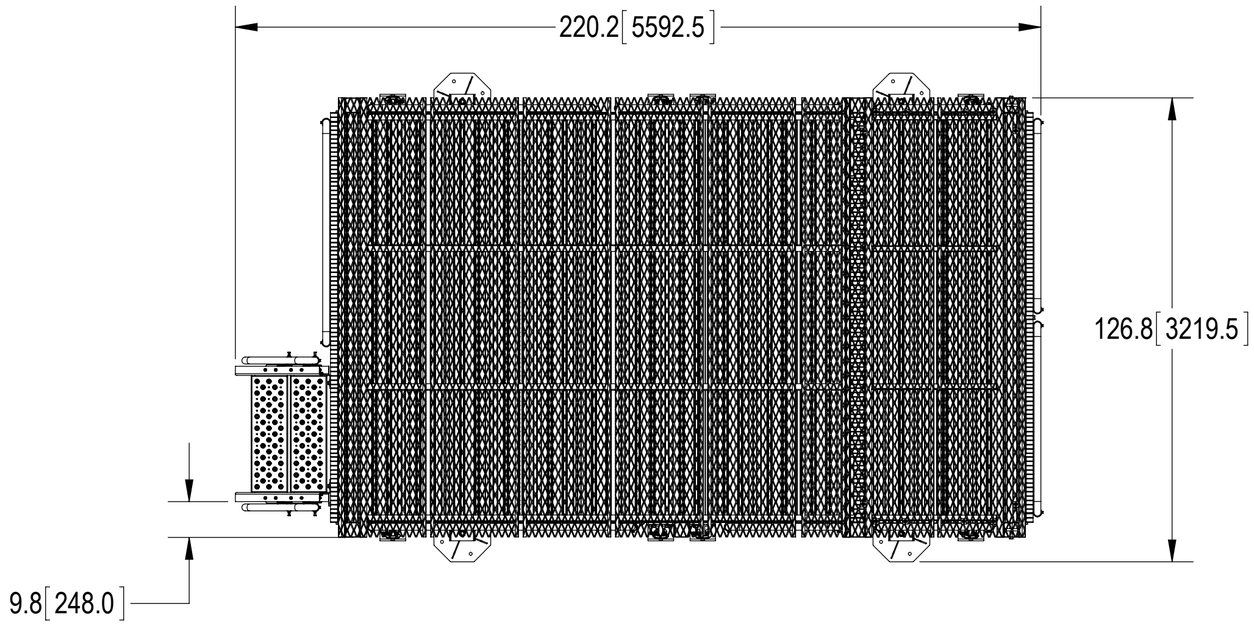


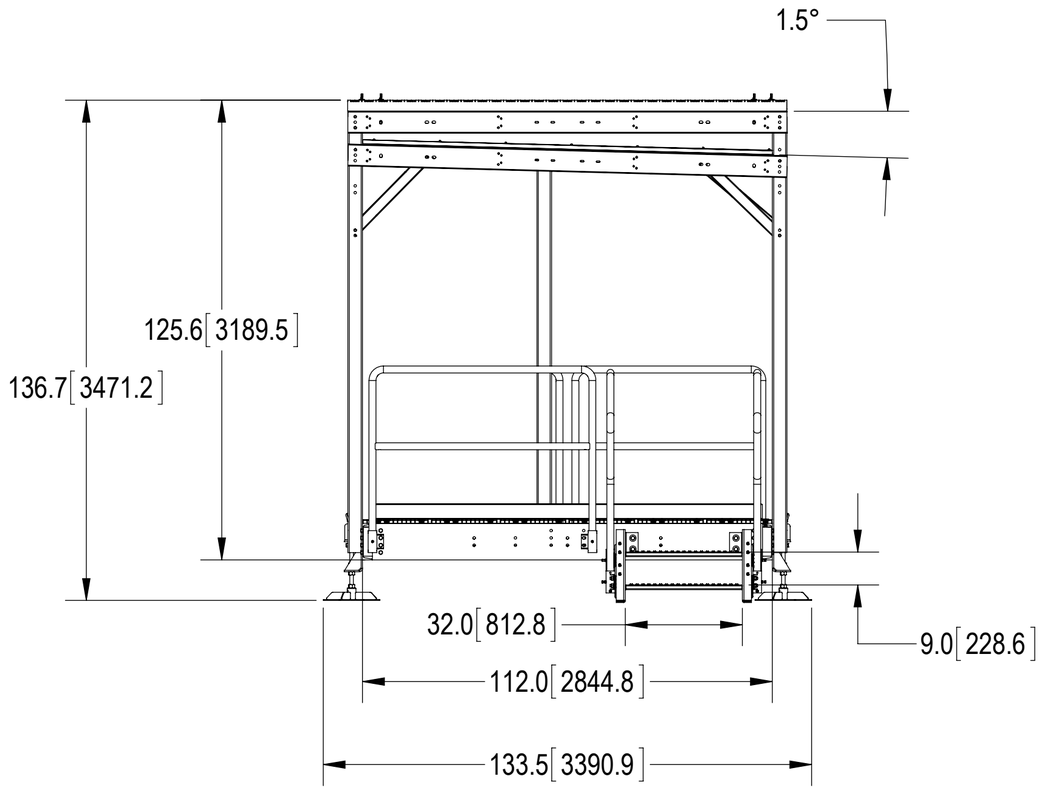


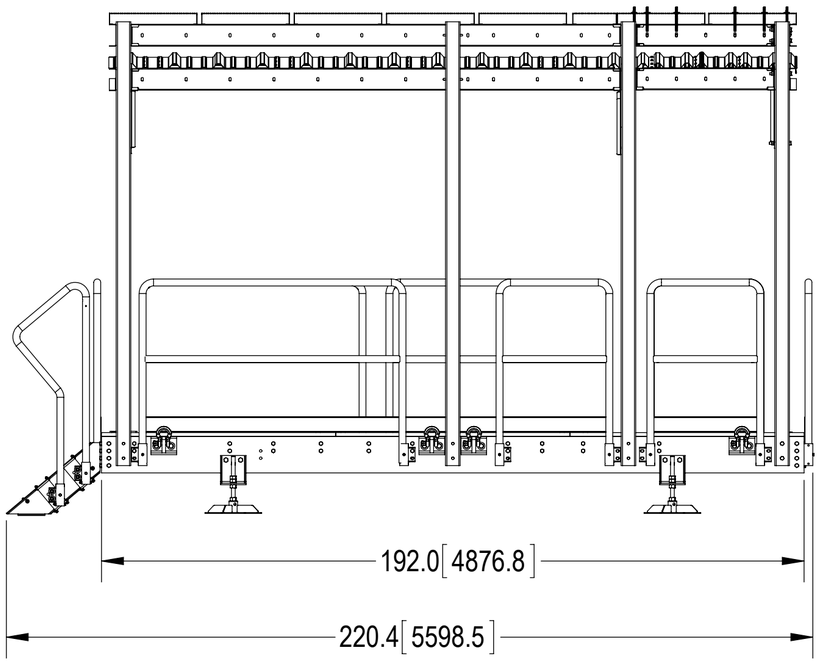
VZW9.4X16-GLSP-3

COMMSCOPE, INC. OF NORTH CAROLINA				
TITLE **PLATFORM, 9'4" x 16', GENERATOR**				
SIZE C	SCALE 1:32	DOCUMENT NO. **MTC3841**		
		DRAWING		SHEET
		VERSION	STATUS	REVISION
				A
				2 OF 12

NOTES:







VZW9.4X16-GLSP-3

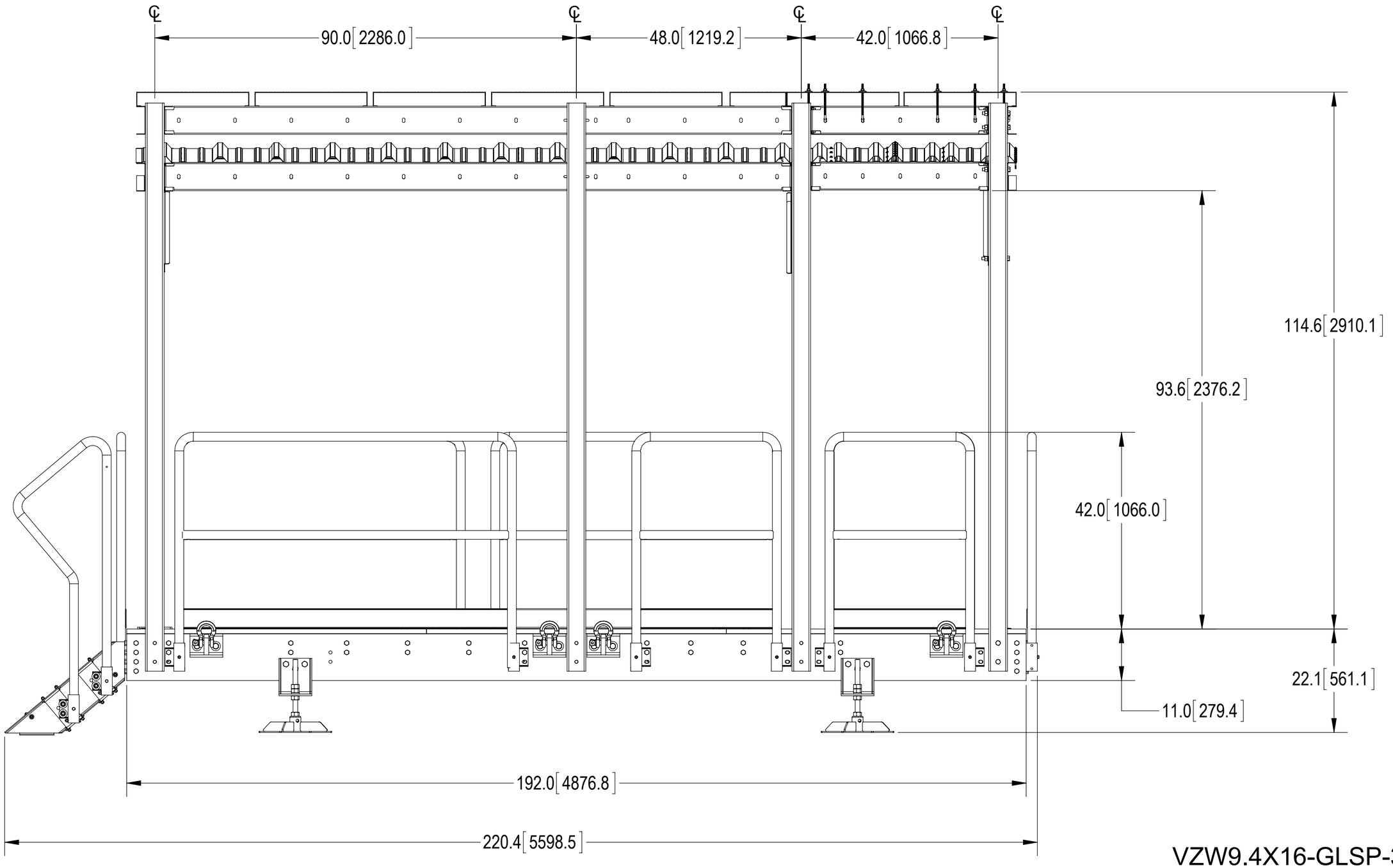
COMMSCOPE, INC. OF NORTH CAROLINA

TITLE

PLATFORM, 9'4" x 16', GENERATOR

SIZE	SCALE	DOCUMENT NO.			
C	1:32	**MTC3841**			
		DRAWING			SHEET
		VERSION	STATUS	REVISION	
				A	3 OF 12

NOTES:



VZW9.4X16-GLSP-3

COMMSCOPE, INC. OF NORTH CAROLINA

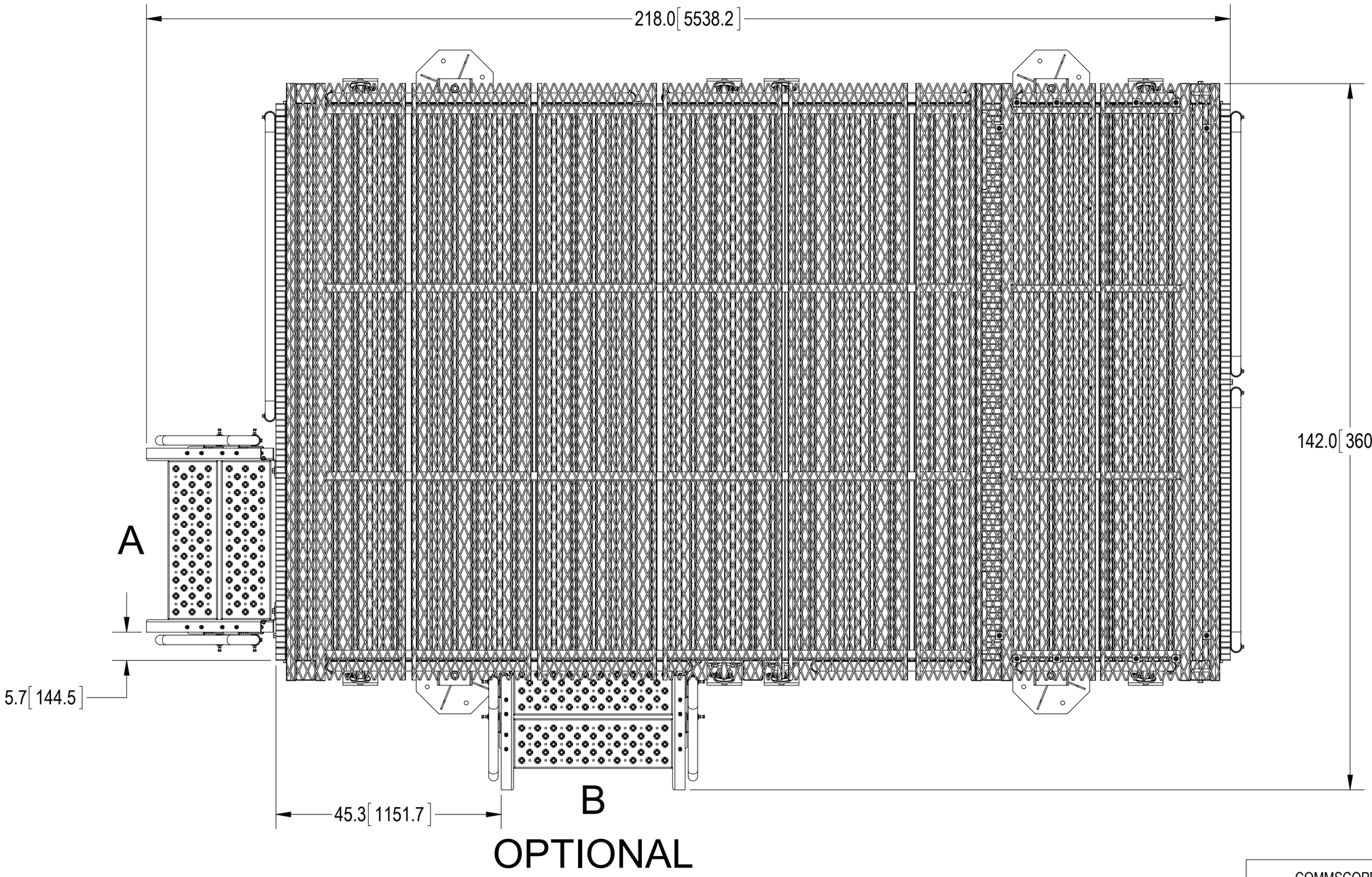
TITLE

PLATFORM, 9'4" x 16', GENERATOR

SIZE	SCALE	DOCUMENT NO.			
C	1:32	**MTC3841**			
		DRAWING			SHEET
		VERSION	STATUS	REVISION	
				A	4 OF 12

NOTES:

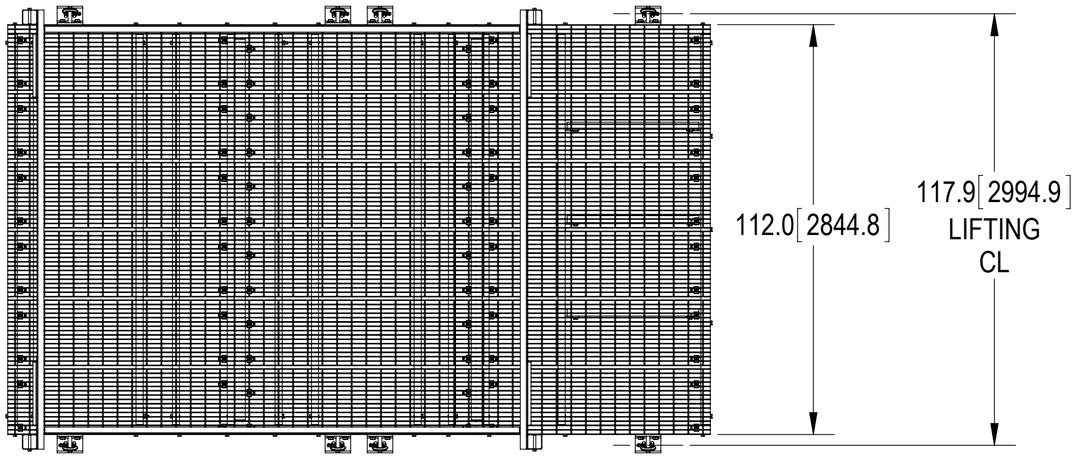
STEP POSITION OPTIONS

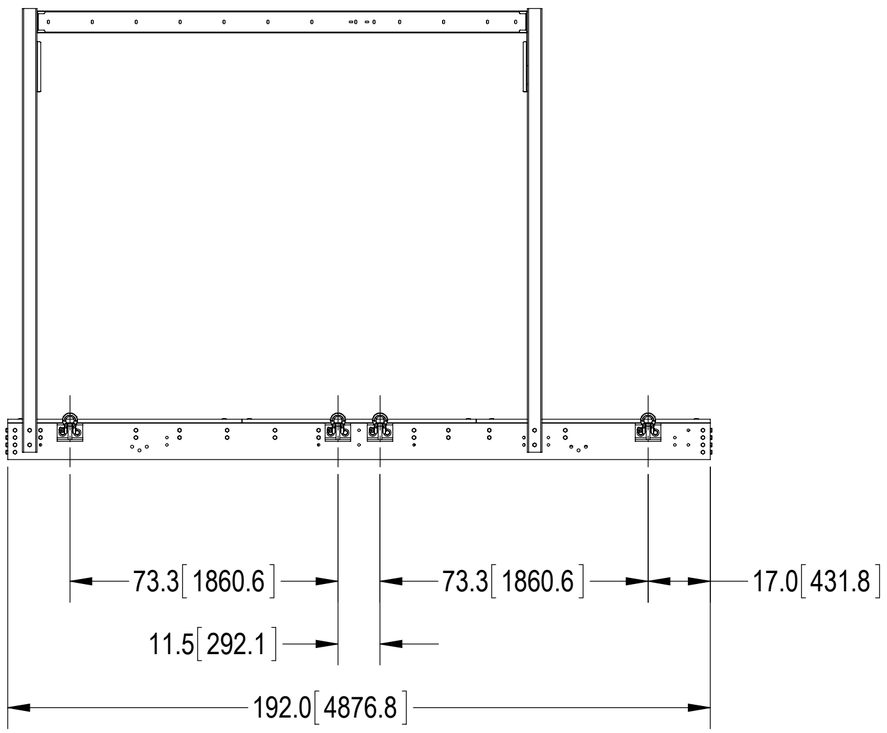


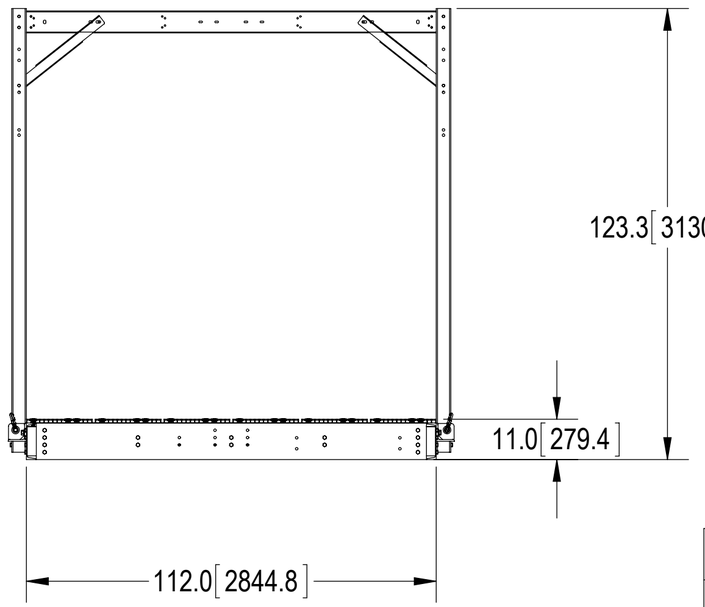
COMMSCOPE, INC. OF NORTH CAROLINA			
TITLE: **PLATFORM, 9'4" x 16', GENERATOR**			
SIZE: C	SCALE: 1:32	DOCUMENT NO.: **MTC3841**	
		DRAWING VERSION / STATUS / REVISION: A	SHEET: 5 OF 12

NOTES:

BASE LAYOUT / LIFTING LOCATIONS







VZW9.4X16-GLSP-3

COMMSCOPE, INC. OF NORTH CAROLINA

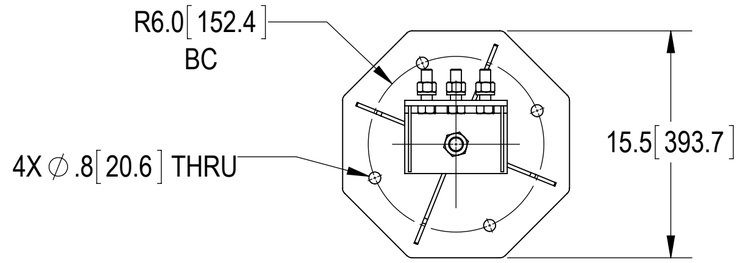
TITLE

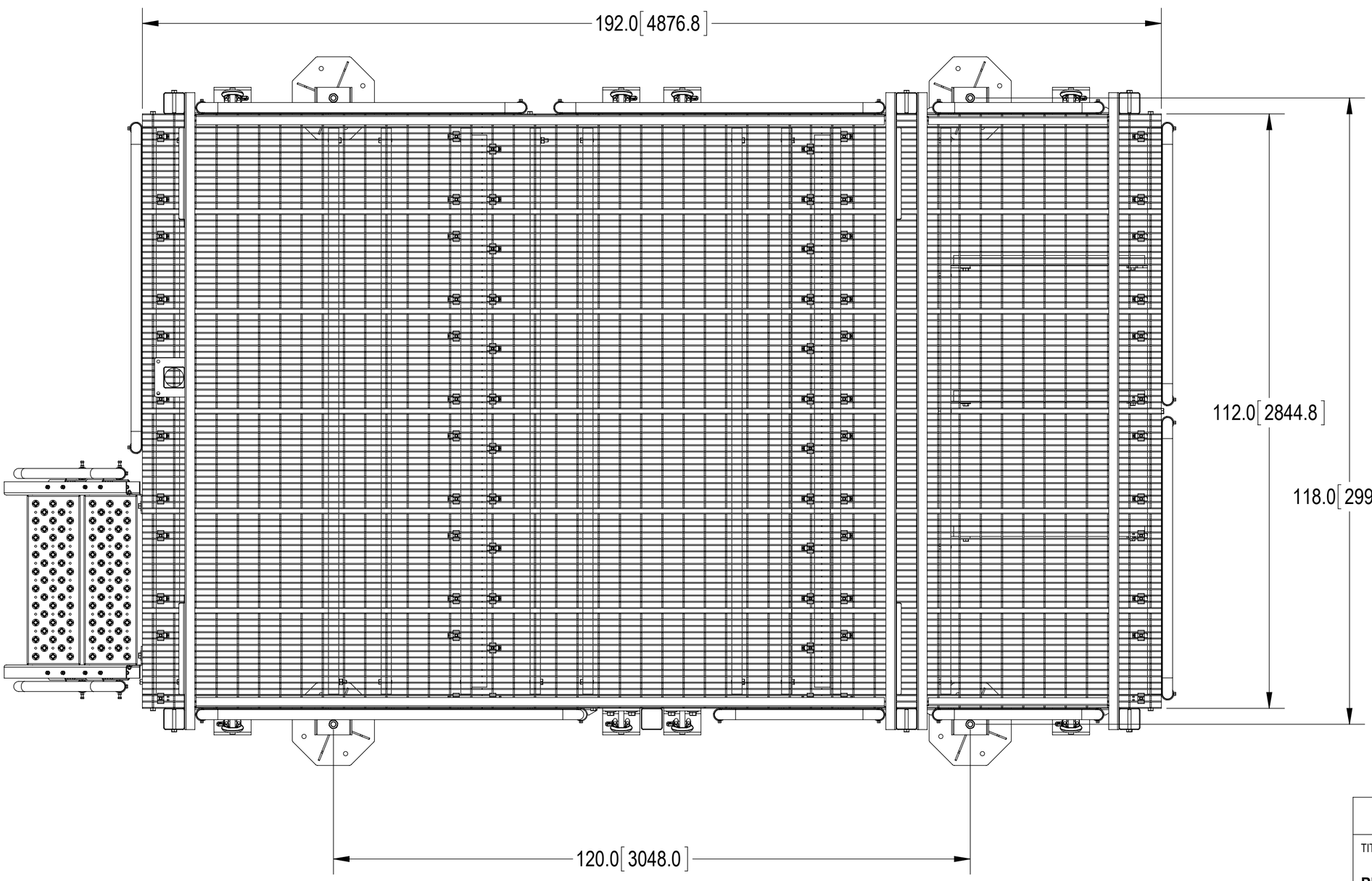
PLATFORM, 9'4" x 16', GENERATOR

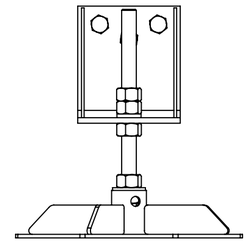
SIZE	SCALE	DOCUMENT NO.			
C	1:32	**MTC3841**			
		DRAWING			SHEET
		VERSION	STATUS	REVISION	
				A	6 OF 12

NOTES:

PIER LOCATIONS / FEET







VZW9.4X16-GLSP-3

COMMSCOPE, INC. OF NORTH CAROLINA

TITLE

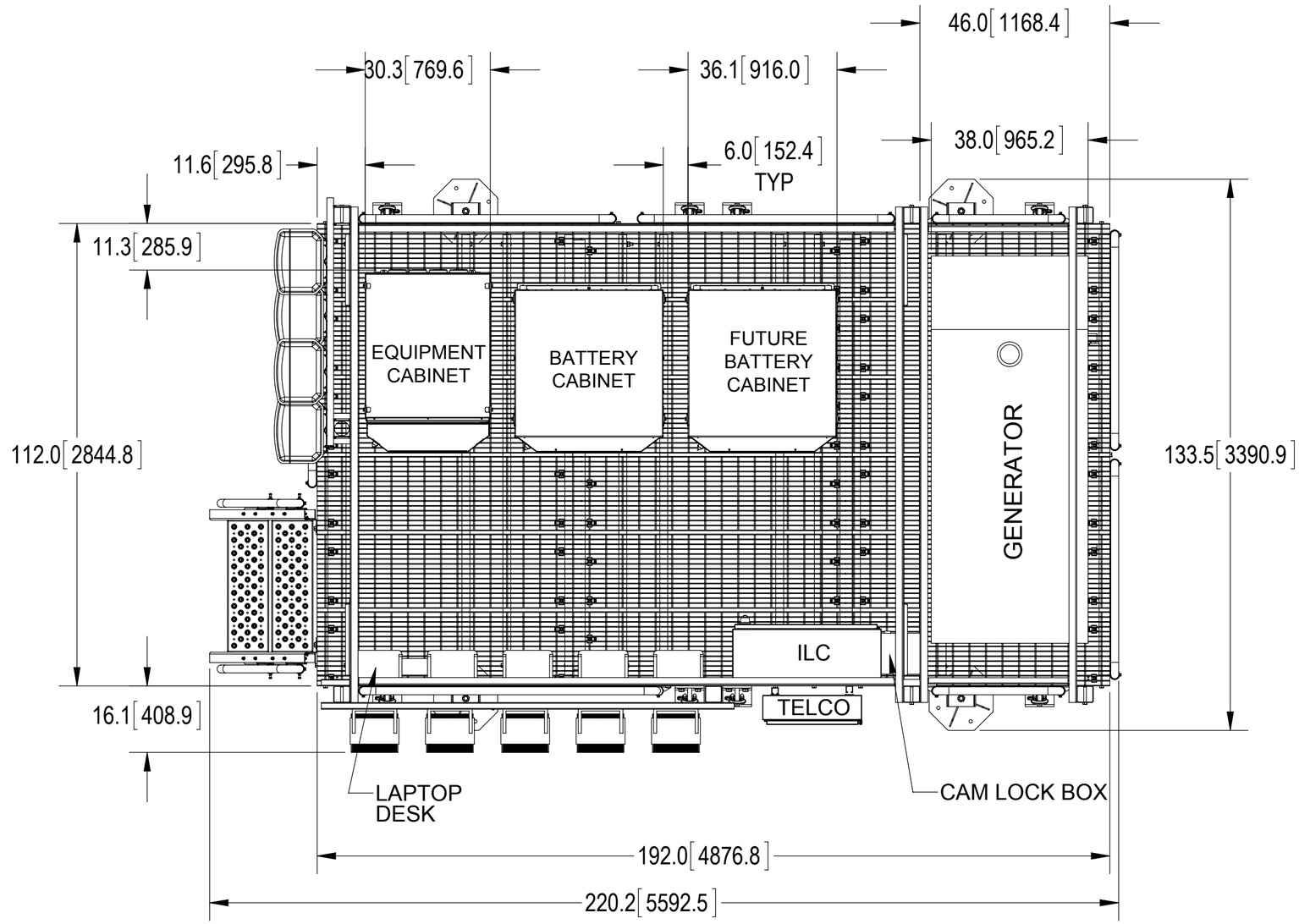
PLATFORM, 9'4" x 16', GENERATOR

SIZE	SCALE	DOCUMENT NO.			
C	1:32	**MTC3841**			
		DRAWING			SHEET
		VERSION	STATUS	REVISION	
				A	7 OF 12

EQUIPMENT LAYOUT

NOTES:

1. CONDUIT SHOULD BE INSTALLED AS SHOWN IF POSSIBLE. ANY CHANGES TO 90deg 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.
2. ALL CONDUIT TO HAVE A MINIMUM OF 3/4" BETWEEN THEM.
3. ALL CONDUIT SIZE NOTED.
4. ALL CONDUIT SHALL BE RIGID UNLESS OTHERWISE NOTED.
5. SEE MISC. DETAILS SHEET FOR DETAILS AND CROSS SECTIONS.
6. COLD GALVANIZE ANY CUT ENDS, DRILLED HOLES, AND EVERYWHERE AS NEEDED.
7. ALL EMPTY CONDUITS TO HAVE PULL STRING INSTALLED.
8. PROTECT ALL EXPOSED ENDS OF STRUT CHANNELS W/PLASTIC CAPS OR RUBBERIZED COATING.
9. PLUG UNUSED HOLES IN COLUMNS WITH VENT HOLE PLUGS.
10. SEALTIGHT WILL BE RUN AFTER EQUIPMENT INSTALLATION AND KEPT TO A MINIMUM. SEALTIGHT MUST BE SUPPORTED PER N.E.C. SPECIFICATION. STOP CONDUIT IN RELATIVE LOCATION AND CONNECT A RIGID-LFMC COMBINATION COUPLING ON END.
11. RUN ALL CONDUIT ALONG STRUCTURAL FRAME OR BELOW GRATING; DO NOT RUN ANY CONDUIT ON TOP OF GRATING.
12. ALARMS TO BE TERMINATED OR COILED FOR FIELD TERMINATION PER VZW MARKET INSTRUCTION.
13. OVP'S MAY BE INSTALLED AS SHOWN OR MAY BE INSTALLED IN EQUIPMENT CABINET.



VZW9.4X16-GLSP-3

COMMSCOPE, INC. OF NORTH CAROLINA

TITLE

PLATFORM, 9'4" x 16', GENERATOR

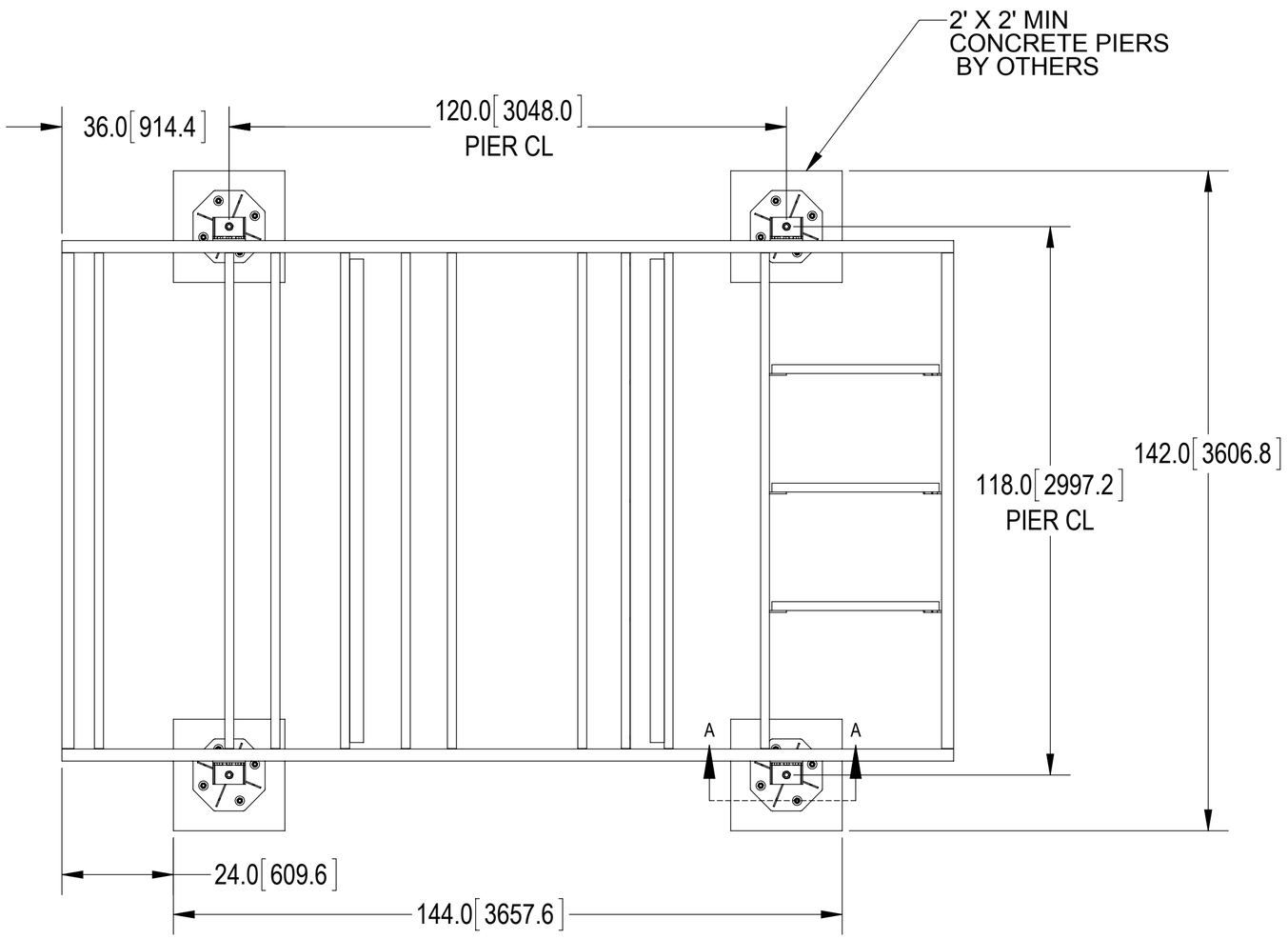
SIZE	SCALE	DOCUMENT NO.			
C	1:32	**MTC3841**			
		DRAWING			SHEET
		VERSION	STATUS	REVISION	
				A	8 OF 12

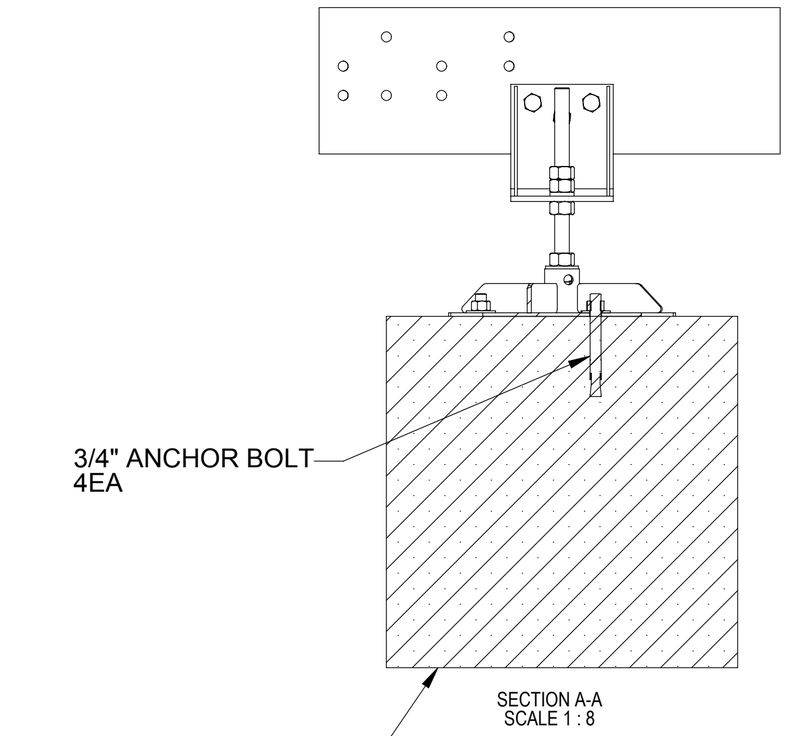
NOTES:

1.0 FOUNDATIONS TO BE DESIGNED BY OTHERS AND SHALL BE IN CONFORMANCE WITH CURRENT BUILDING CODES AND ALL APPLICABLE LOCAL CODES.

2.0 CONCRETE STRENGTH FOR FOUNDATION DESIGN SHALL BE A MINIMUM OF 3000psi AT 28 DAYS.

PIER FOUNDATION





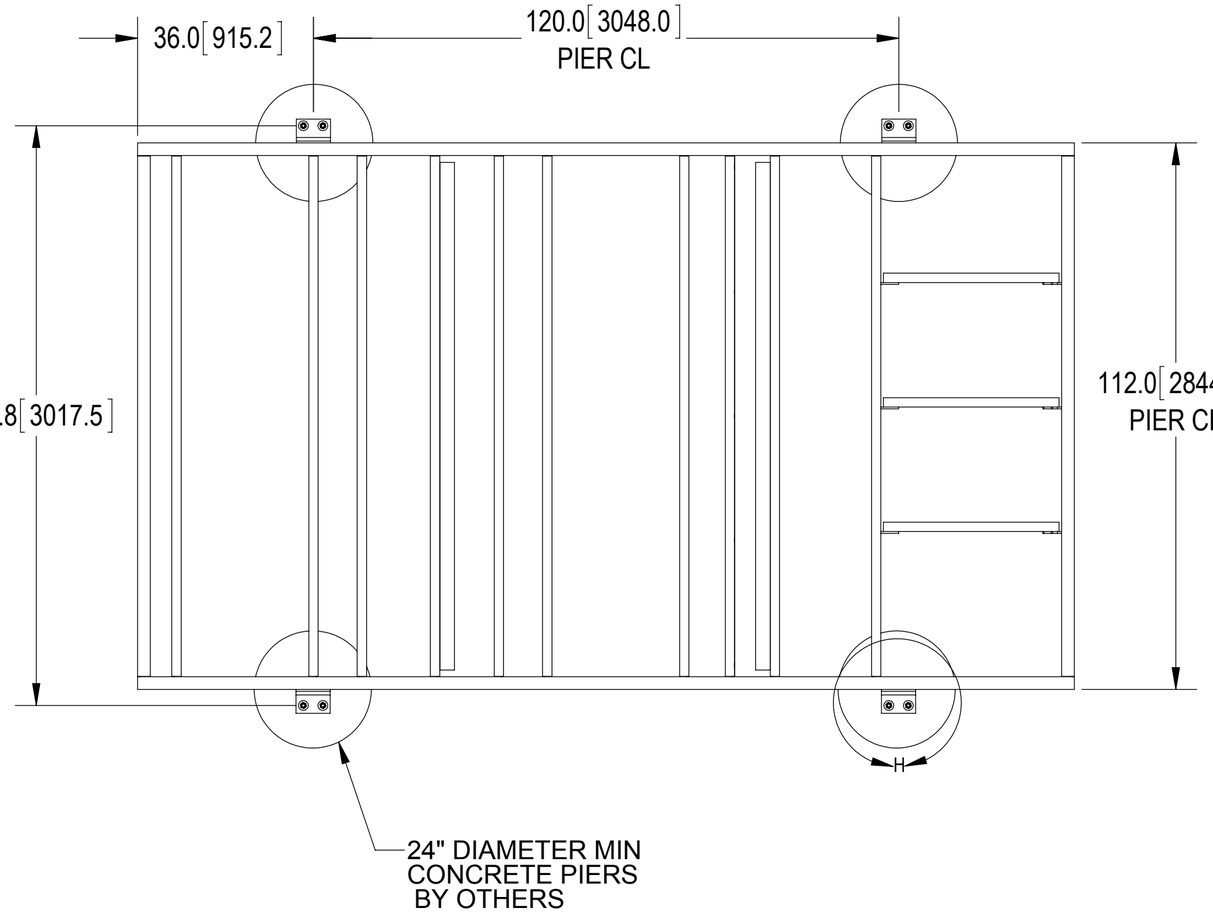
VZW9.4X16-GLSP-3

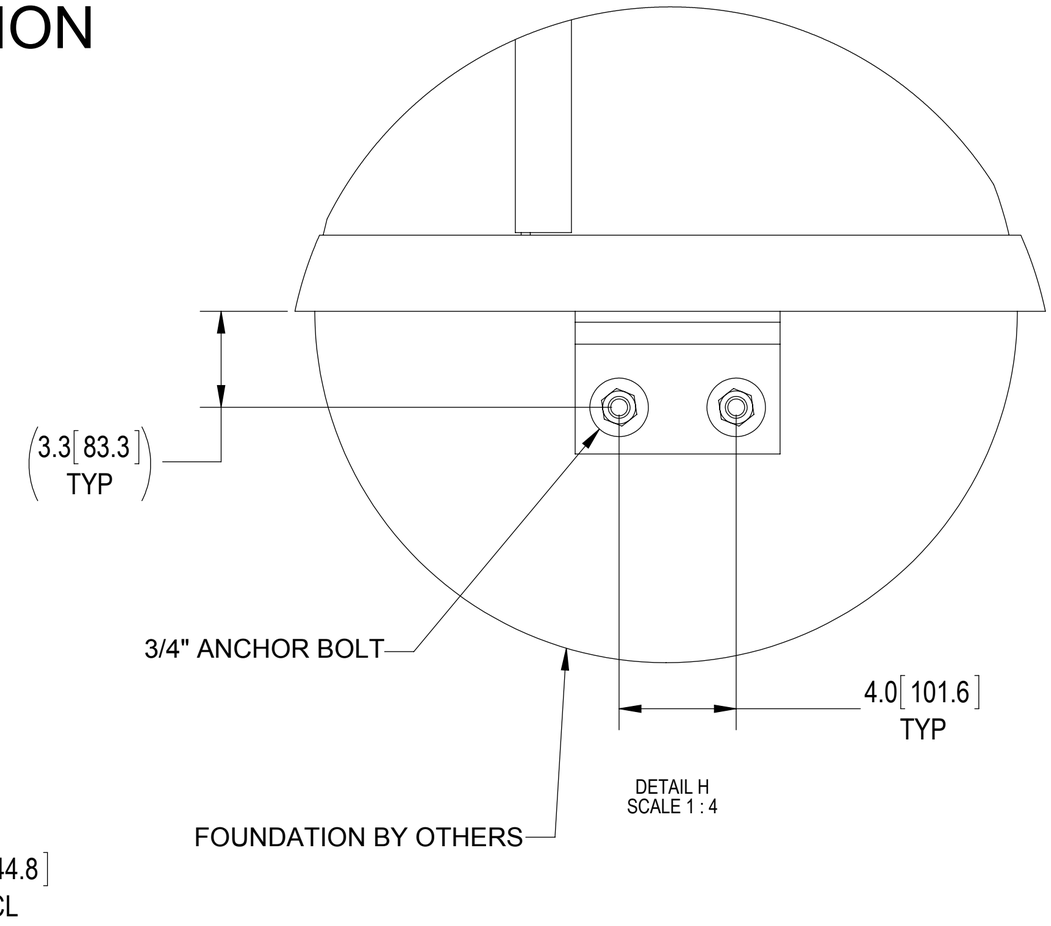
COMMSCOPE, INC. OF NORTH CAROLINA			
TITLE **PLATFORM, 9'4" x 16', GENERATOR**			
SIZE C	SCALE 1:24	DOCUMENT NO. **MTC3841**	
		DRAWING: VERSION / STATUS / REVISION A	SHEET 9 OF 12

NOTES:

1.0 FOUNDATIONS TO BE DESIGNED BY OTHERS AND SHALL BE IN CONFORMANCE WITH CURRENT BUILDING CODES AND ALL APPLICABLE LOCAL CODES.
2.0 CONCRETE STRENGTH FOR FOUNDATION DESIGN SHALL BE A MINIMUM OF 3000psi AT 28 DAYS.

PIER ANGLE MOUNT FOUNDATION





DETAIL H
SCALE 1 : 4

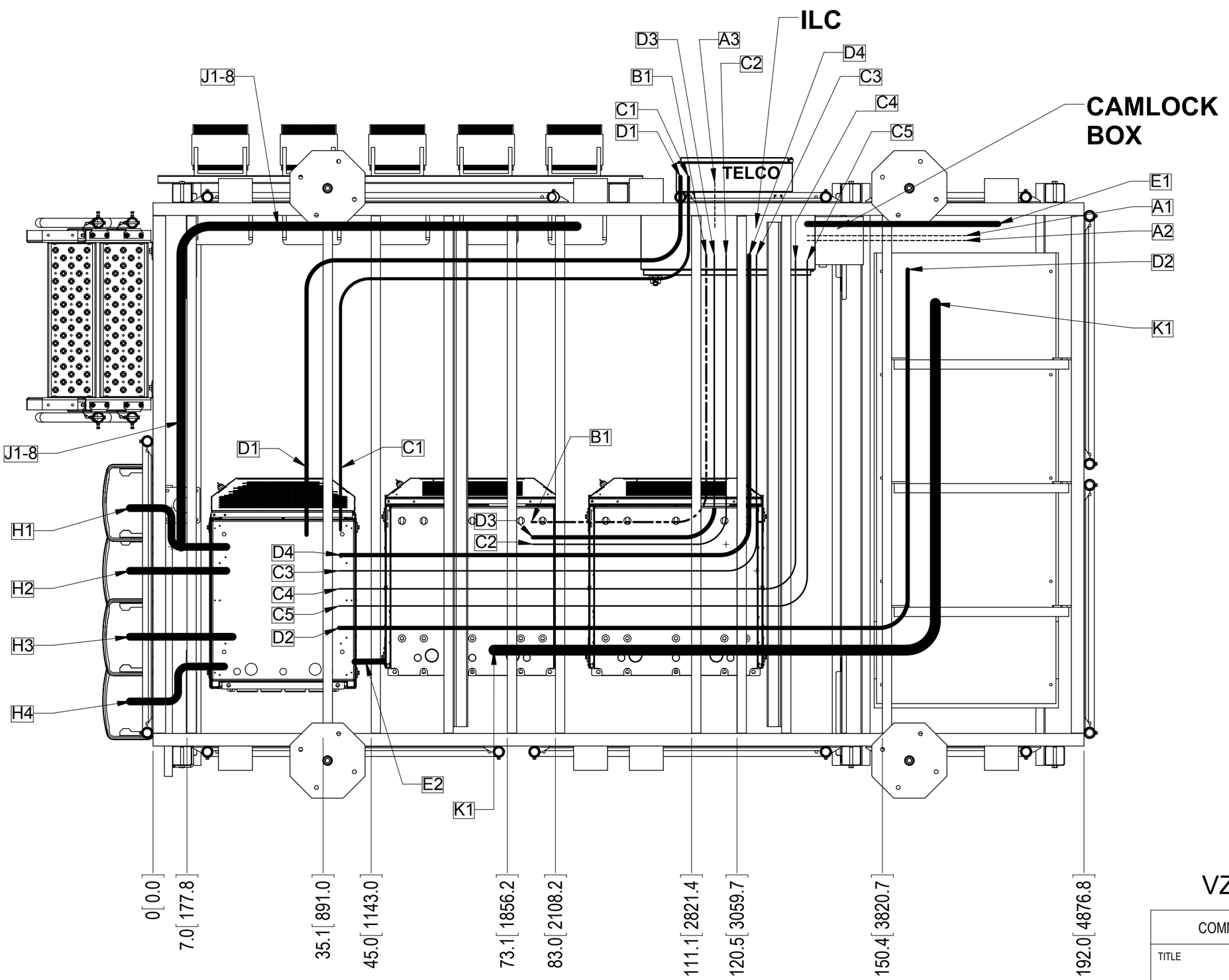
VZW9.4X16-GLSP-3

COMMSCOPE, INC. OF NORTH CAROLINA			
TITLE: **PLATFORM, 9'4" x 16', GENERATOR**			
SIZE: C	SCALE: 1:24	DOCUMENT NO.: **MTC3841**	
		DRAWING: VERSION / STATUS / REVISION: A	SHEET: 11 OF 12

NOTES:

1.0 REFER TO SHEET "C1" FOR TAG INFORMATION

CONDUIT BOTTOM VIEW



VZW9.4X16-GLSP-3

COMMSCOPE, INC. OF NORTH CAROLINA			
TITLE **PLATFORM, 9'4" x 16', GENERATOR**			
SIZE C	SCALE 1:16	DOCUMENT NO. **MTC3841**	
		DRAWING: VERSION / STATUS / REVISION A	SHEET 12 OF 12

NOTES:

Label	Conduit size	From-To	Purpose	Job #'s	Job #'s	Job #'s	Job #'s
A1	1/2" RMC	ILC to Generator	Block Heater and Oil Heater	VZWA-ACG-2	VZWA-ACG-4		
A2	1/2" RMC	ILC to Generator	Outlet, Remote Start & Battery Charger	VZWA-ACG-3			
A3	1/2" RMC	ILC to Telco	Generator Alarms and Outlet	MTC3818PRA			
B1	3/4" RMC	Battery Cabinet to ILC	Power Connections (Circuts for light, locks, GFCI, etc)Optional	GLSP-BC2-2	GLSP-BC2-4		
C1	1" RMC	Equipment Cabinet to Telco	Alarms	GLSP-BC2-2	GLSP-BC2-4	GLSP-PC2-2	GLSP-MO2-1
C2	1" RMC	Battery Cabinet to ILC	HVAC Circuit	GLSP-BC2-6			
C3	1" RMC	Equipment Cabinet to ILC	Rectifer Circuits 1-4	GLSP-PC2-3	GLSP-PC2-6	GLSP-CR2-2 GLSP-OVP2-2	
C4	1" RMC	Equipment Cabinet to ILC	Rectifer Circuits 5-8 (As Needed)	GLSP-PC2-4	GLSP-RR2-4		
C5	1" RMC	Equipment Cabinet to ILC	AC Power Circuits, (GFCI, lock, light, Cabinet internal) Optional	GLSP-PC2-5	GLSP-CR2-1		
D1	1 1/2" RMC	Equipment Cabinet to Telco	Main Fiber Demarc Run	MAIN FIBER RUN			
D2	1 1/2" RMC	Equipment Cabinet to Generator	Generator Monitoring, Alarms & control Wiring	GLSP-M02-2	GLSP-MO2-3		
D3	1 1/2" RMC	Battery Cabinet to ILC	Main Power Feeds	VZWA-ACG-1			
D4	1 1/2" RMC	Equipment Cabinet to ILC	Power Circuits	GLSP-PC2-2			
E1	2" RMC	ILC/ATS to AC Generator	Main Back Up Power Connections	VZWA-ACG-1			
E2	2" RMC	Equipment Cabinet to Battery Cabinet QTY.2	All Connections from Battery Cabinet to Equipment Cabinet	GLSP-BC2-2	GLSP-BC2-4	GLSP-PC2-2	
H1	1 5/8" Hybrid	Equipment Cabinet to OVP	Power and Fiber Connection for OVP	GLSP-OVP2-1	GLSP-0VP2-5 GLSP-0VP2-6		
H2	1 5/8" Hybrid	Equipment Cabinet to OVP	Power and Fiber Connection for OVP	GLSP-0VP2-2			
H3	1 5/8" Hybrid	Equipment Cabinet to OVP	Power and Fiber Connection for OVP	GLSP-0VP2-3			
H4	1 5/8" Hybrid	Equipment Cabinet to OVP	Power and Fiber Connection for OVP	GLSP-0VP2-4			
J1	1/2" Hybrid Jumper	Equipment Cabinet to RRU	Power and Fiber Connection for RRU	GLSP-RR2-2	GLSP-RR2-3		
J2	1/2" Hybrid Jumper	Equipment Cabinet to RRU	Power and Fiber Connection for RRU				
J3	1/2" Hybrid Jumper	Equipment Cabinet to RRU	Power and Fiber Connection for RRU				
J4	1/2" Hybrid Jumper	Equipment Cabinet to RRU	Power and Fiber Connection for RRU				
J5	1/2" Hybrid Jumper	Equipment Cabinet to RRU	Power and Fiber Connection for RRU				
J6	1/2" Hybrid Jumper	Equipment Cabinet to RRU	Power and Fiber Connection for RRU				
J7	1/2" Hybrid Jumper	Equipment Cabinet to RRU	Power and Fiber Connection for RRU				
J8	1/2" Hybrid Jumper	Equipment Cabinet to RRU	Power and Fiber Connection for RRU				
K1	2 1/2" RMC	Battery to DC Generator	Main Back Up Power Connections	VZWA-DCG-1			

COMMSCOPE, INC. OF NORTH CAROLINA

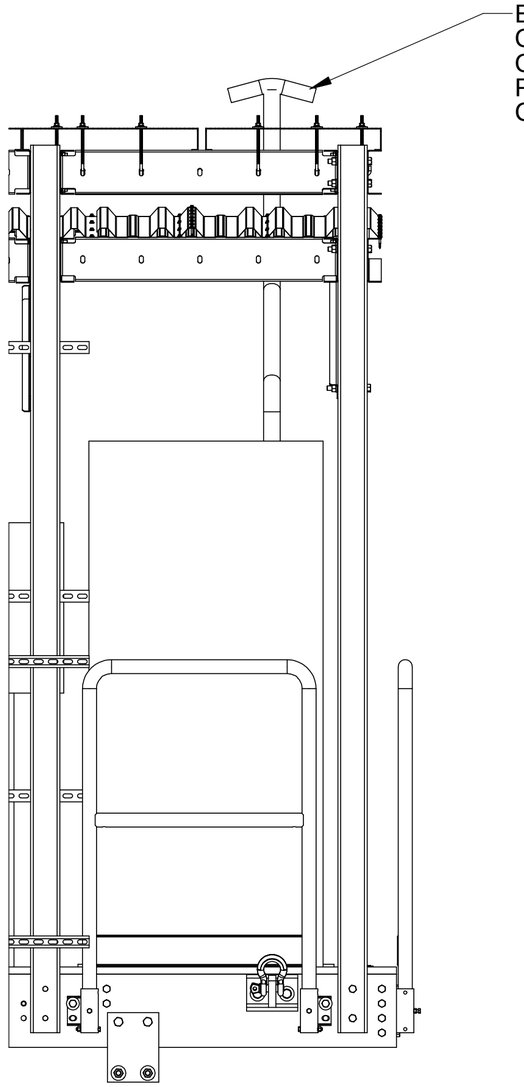
TITLE

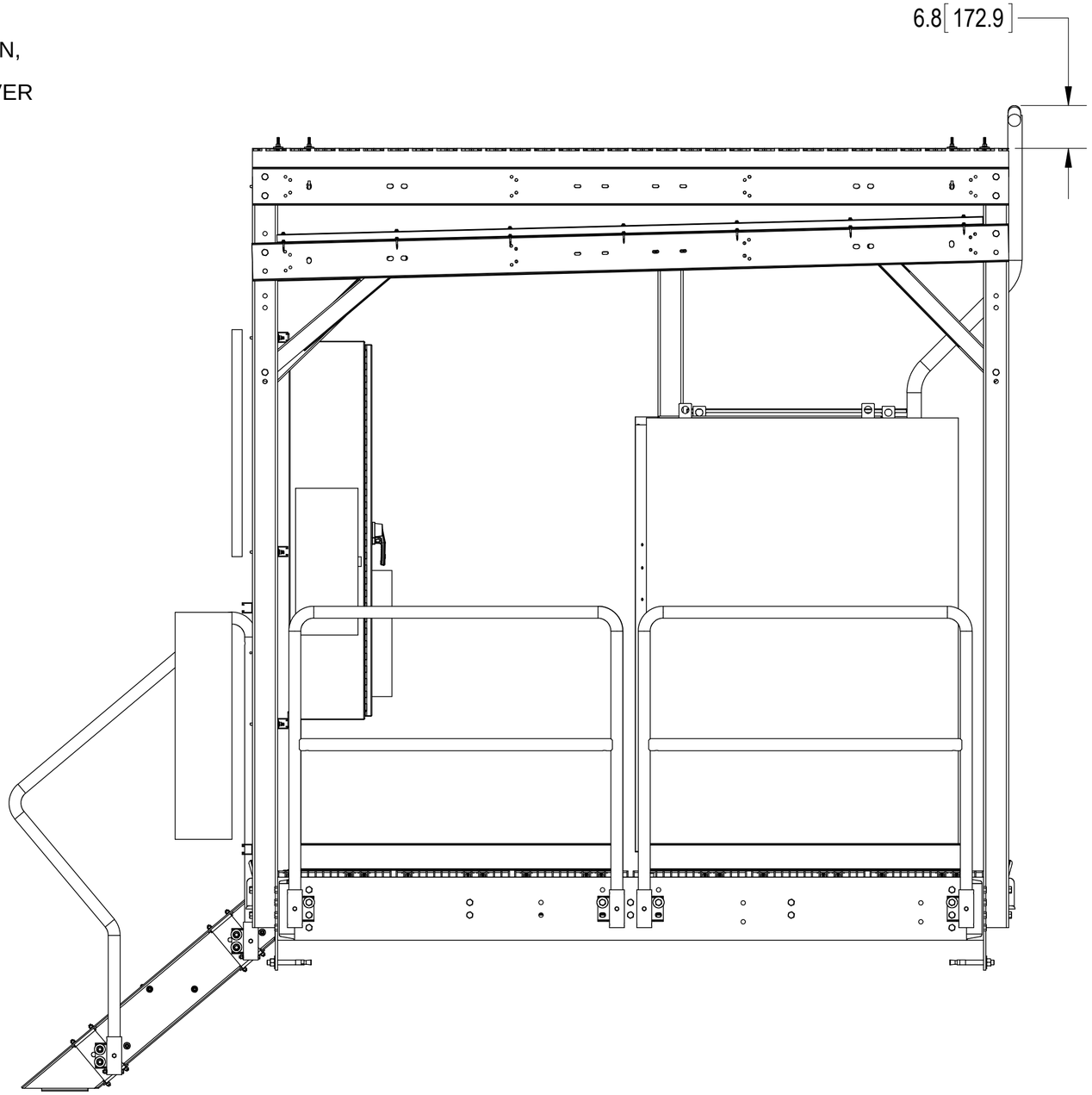
CONDUIT PLUMBING SCHEDULE

SIZE	SCALE	DOCUMENT NO.	
C	1:16	C 1	
		DRAWING	SHEET
		VERSION / STATUS / REVISION	
		PRE 1	1 OF 1

NOTES:
1 EXHAUST STACK/BULLHEAD INSTALLED ON SITE

EXHAUST FOR GENERATOR

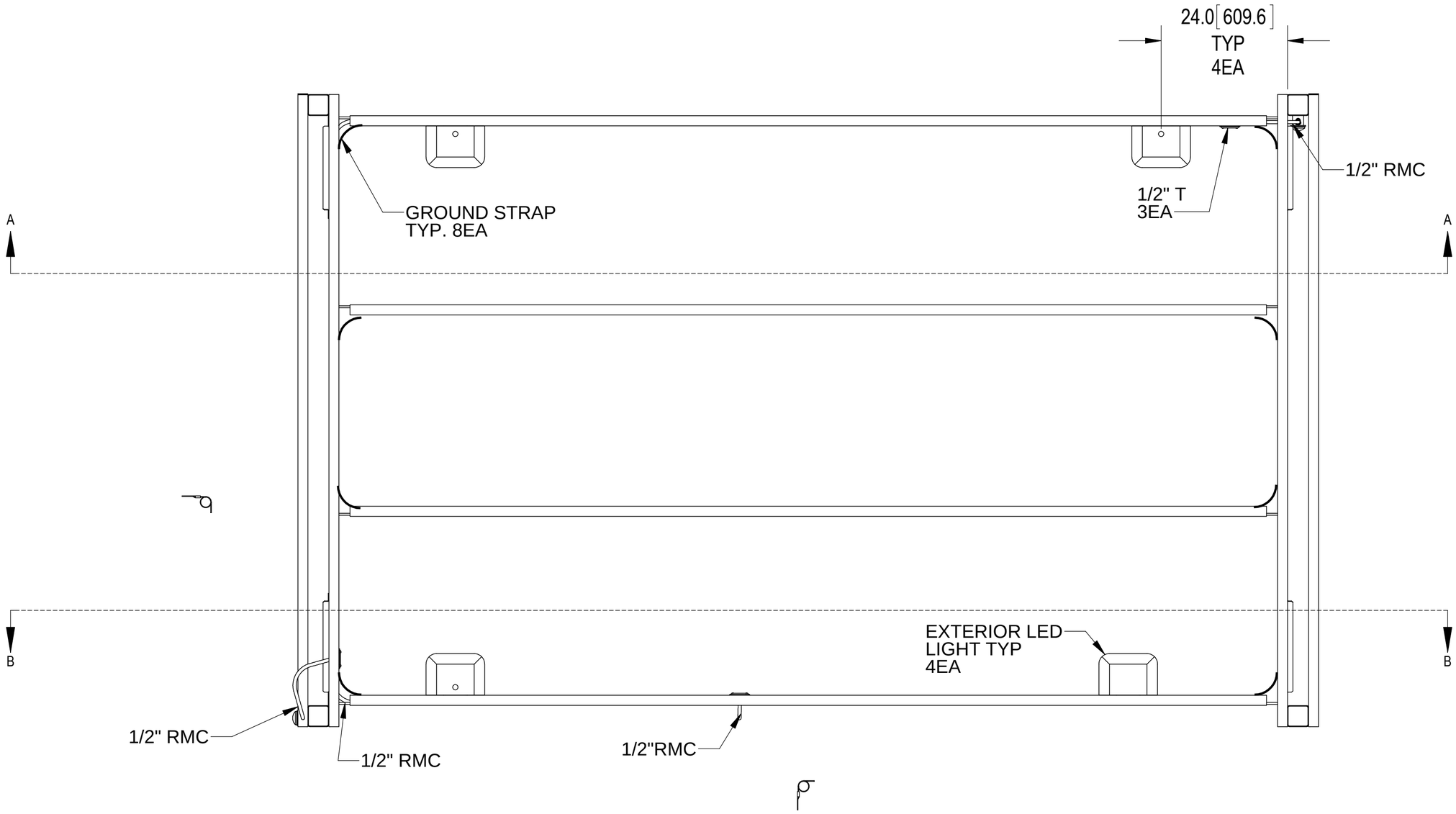




COMMSCOPE, INC. OF NORTH CAROLINA				
TITLE: GENERATOR DETAIL				
SIZE: C	SCALE: 1:16	DOCUMENT NO.: G 1		
		DRAWING		SHEET
		VERSION	STATUS	REVISION
				PRE1	1 OF 1

NOTES: 1.0 ALL METRIC DIMENSIONS ARE IN BRACKETS.

CANOPY TOP VIEW
ELECTRICAL PLAN

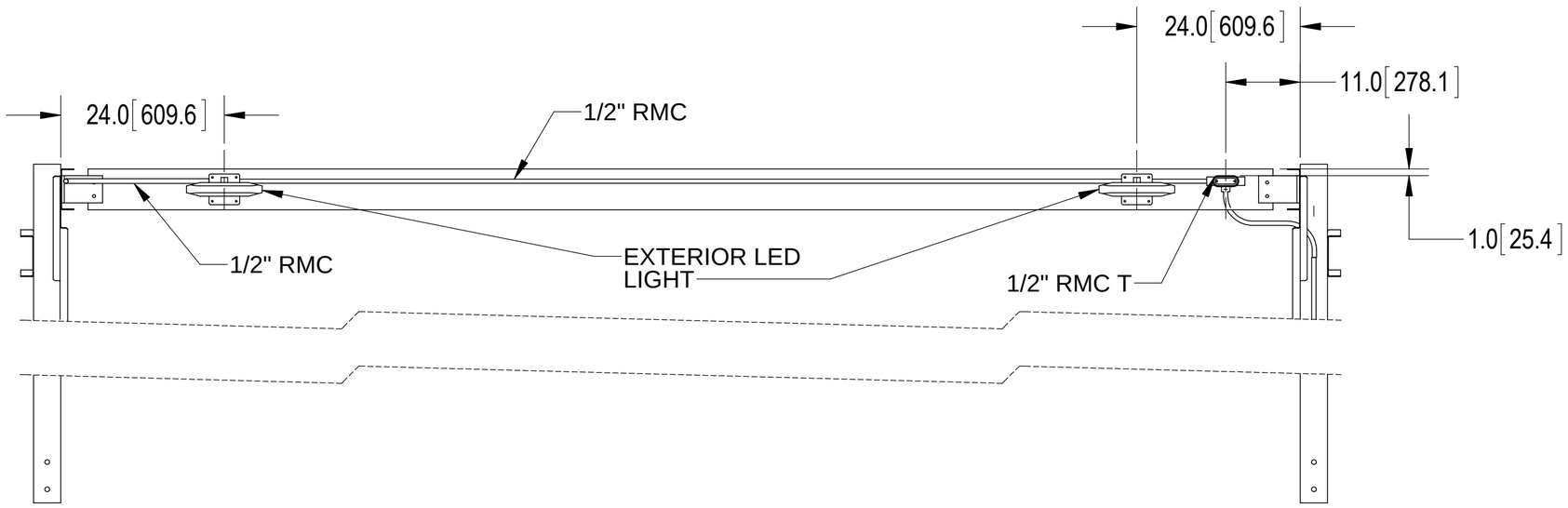


GROUNDING:

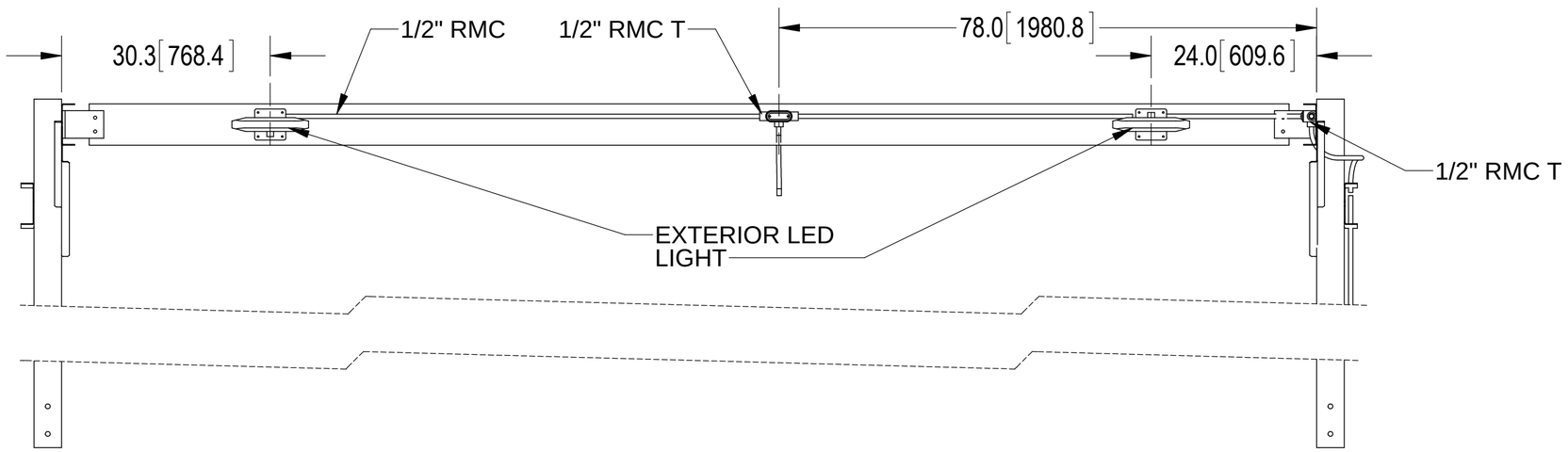
1. ALL BENDS MINIMUM 8" RADIUS.
2. <PARA >APPLY ANTI-OXIDATION COMPOUND TO ALL CONNECTIONS.
3. ALL GROUNDING WIRES FROM EQUIPMENT, BOXES, ETC. SHALL BE #2 AWG SOLID TINNED COPPER WIRE AND A 2-HOLE LUG, UNLESS OTHERWISE SPECIFIED BY EQUIPMENT MANUFACTURER.
4 BARE COPPER CONDUCTORS SHALL NOT BE IN CONTACT WITH ANY DISSIMILAR MATERIAL. PLACE ON STANDOFFS, IF NECESSARY TO ALLOW FOR PROPER INSTALLATION.
5. SHARP BENDS IN GROUNDING CONDUCTORS SHALL BE AVOIDED. 90deg BENDS SHALL NOT BE USED.
6. 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. BONDING JUMPERS CAN BE MOVED/SLID FROM ONE SIDE OF THE OBJECT TO THE OTHER UNDER THE GUIDANCE OF A SENIOR CREW LEADER AND/OR SUPERVISOR.
7. ALL SOLID WIRE SHALL USE A 2-HOLE LONG BARREL LUG.
8. WHEN GROUNDING MORE THAN ONE PIECE OF EQUIPMENT, DO NOT USE THE EQUIPMENT AS GROUNDING CONDUCTOR. DOUBLE-STACKING OF LUGS SHALL BE USED TO GET FROM EQUIPMENT TO EQUIPMENT.
9. REMOVE ALL PAINT BENEATH THE SURFACE TO GROUND LUGS.
10. GROUNDING TO BE IAW VERIZON WIRELESS NSTD 46.
11. ALL COILS SHALL BE 10' LONG AND TYWRAPPED.
12. MOUNT ALL GROUND LUGS IN THE VERTICAL POSITION, UNLESS OTHERWISE REQUIRED BY EQUIPMENT MANUFACTURER.

COMMSCOPE, INC. OF NORTH CAROLINA			
TITLE: CANOPY TOP			
SIZE: C	SCALE: 1:16	DOCUMENT NO.: E 1	
		DRAWING: VERSION / STATUS / REVISION: PRE1	SHEET: 1 OF10

NOTES: 1.0 ALL METRIC DIMENSIONS ARE IN BRACKETS.



SECTION A-A



SECTION B-B

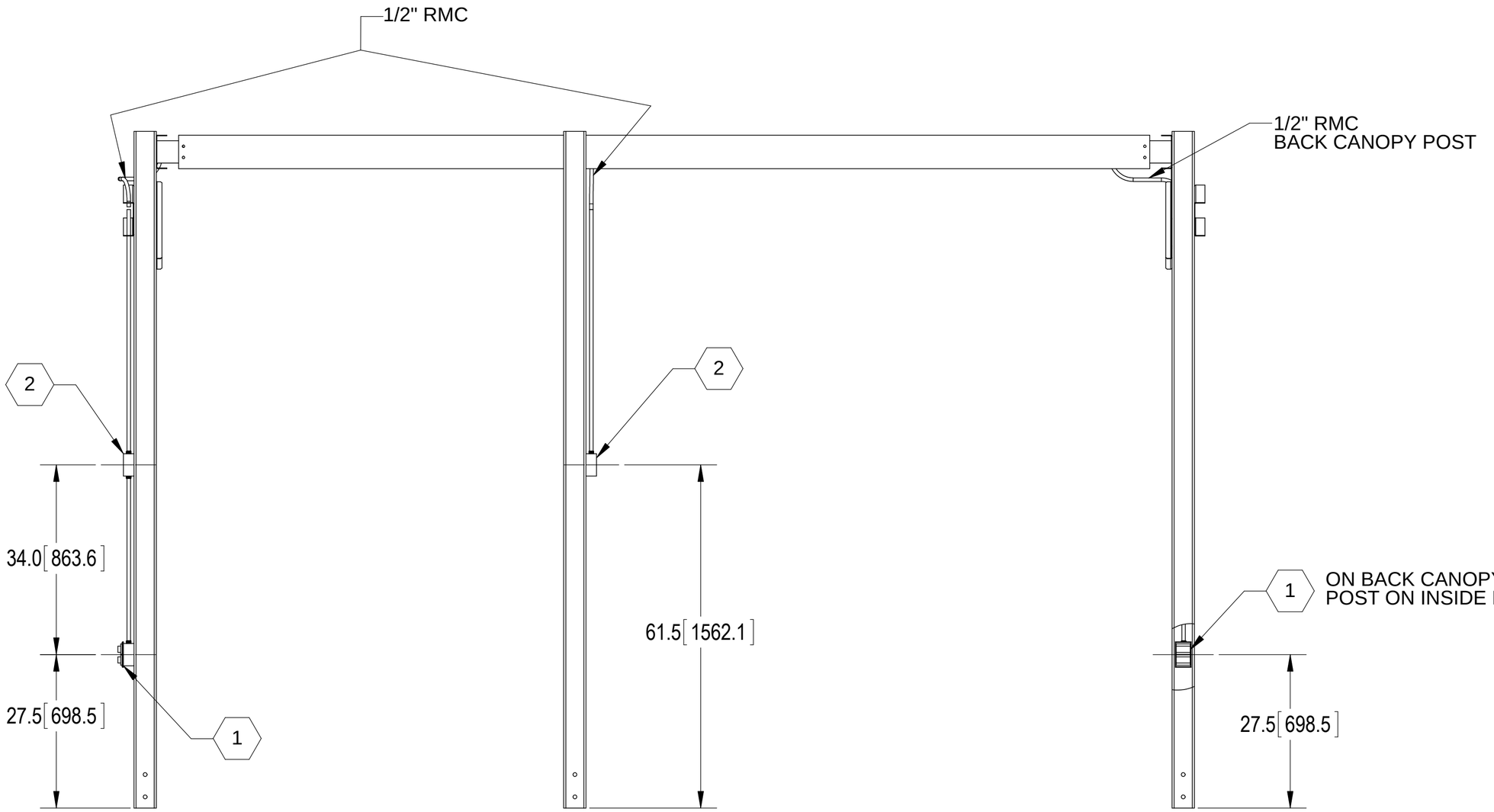
COMMSCOPE, INC. OF NORTH CAROLINA			
TITLE: CANOPY ELEVATION			
SIZE: C	SCALE: 1:16	DOCUMENT NO.: E 2	
		DRAWING: VERSION / STATUS / REVISION: PRE1	SHEET: 2 OF 10

NOTES: 1.0 ALL METRIC DIMENSIONS ARE IN BRACKETS.

2.0 SWITHCES ARE ATTACHED TO POSTS THAT ARE CLOSEST TO THE STEPS

1. GFCI
2. TIMER SWITCH

GFCI AND SWITCH ELECTRICAL PLAN

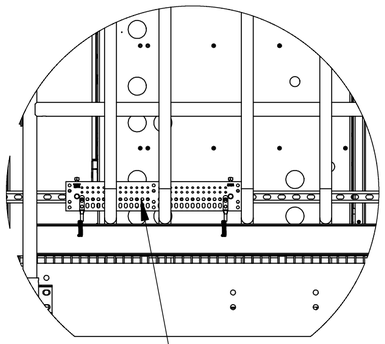


FRONT VIEW

COMMSCOPE, INC. OF NORTH CAROLINA			
TITLE: CANOPY W/ GFCI AND ELECTRICAL			
SIZE: C	SCALE: 1:16	DOCUMENT NO.: E 3	
		DRAWING: VERSION / STATUS / REVISION: PRE1	SHEET: 3 OF10

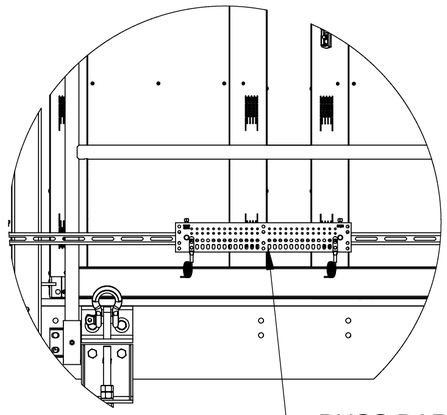
NOTES:

GENERAL GROUNDING DETAIL



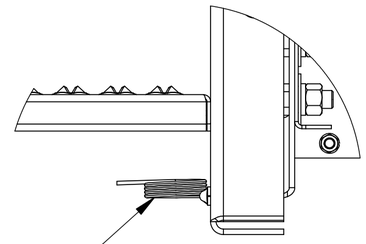
BUSS BAR
#2 TINNED COPPER W/2 HOLE LUG

DETAIL D



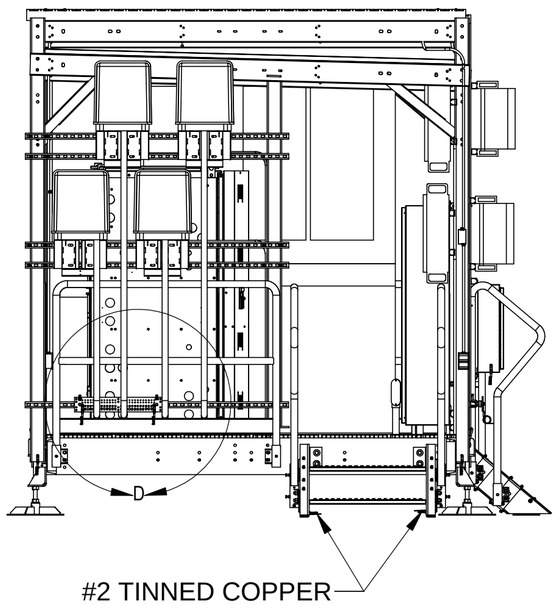
BUSS BAR
#2 TINNED COPPER W/2 HOLE LUG

DETAIL E

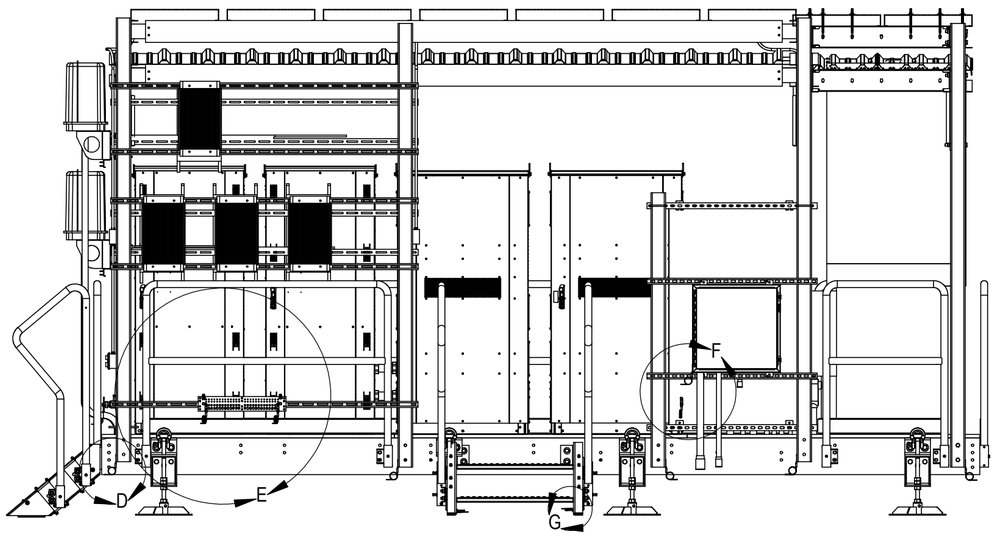


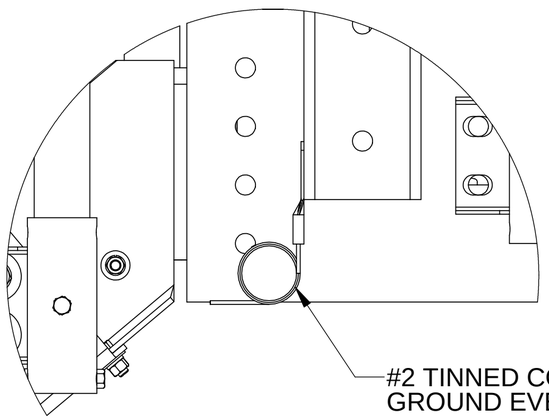
#2 TINNED COPPER
GROUND EACH STEP
LEG

DETAIL G
SCALE 1 : 4



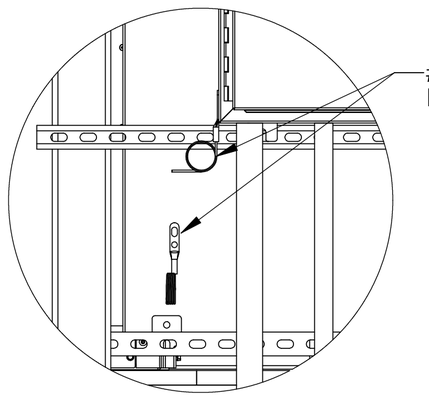
#2 TINNED COPPER
GROUND EACH STEP
LEG





#2 TINNED COPPER
GROUND EVERY POST

DETAIL D
SCALE 1 : 4



#2 TINNED COPPER W/2 HOLE LUG
ILC & TELCO

DETAIL F
SCALE 1 : 8

COMMSCOPE, INC. OF NORTH CAROLINA			
TITLE: GROUNDING DETAIL			
SIZE: C	SCALE: 1:16	DOCUMENT NO.: E4	
		DRAWING: VERSION / STATUS / REVISION: PRE1	SHEET: 4 OF 10

NOTES:

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 VA	PHASE A	PHASE B															PHASE A	PHASE B	UNIT VA	QTY	DESCRIPTION	
SEE NOTE 10	1	RECTIFIER #1	1	-	-		BLK													BLK	-		-	1	RECTIFIER #5	2
	3		1	-		-	RED													RED		-	-	1		4
	5	RECTIFIER #2	1	-	-		BLK													BLK	-		-	1	RECTIFIER #6	6
	7		1	-		-	RED													RED		-	-	1		8
	9	RECTIFIER #3	1	-	-		BLK													BLK	-		-	1	RECTIFIER #7	10
	11		1	-		-	RED													RED		-	-	1		12
	13	RECTIFIER #4	1	-	-		BLK													BLK	-		-	1	RECTIFIER #8	14
	15		1	-		-	RED													RED		-	-	1		16
	17						BLK													BLK						18
	19	LIGHTS	4	27		108	RED	X			12	12	20							RED						20
	21	GFCI RECEPTACLES	2	180	360		BLK	X			12	(12)	20							BLK						22
SEE NOTE 9	23	OPTIONAL FIBER BOX RECEPTACLE	1	180		180	RED	X			12	12	20							RED						24
	25	BLOCK HEATER	1	1500	1500		BLK	X			12	12	20							BLK						26
	27	BATTERY CHARGER	1	240		240	RED	X			12	12	20							RED						28
	29	OIL HEATER	1	180	180		BLK	X			12	12	20							BLK						30
			SUBTOTAL		-	-															-	-	SUBTOTAL		TOTAL KVA CONTINUOUS X 1.25	-
			SUBTOTAL NON-CONTINUOUS		-	-															-	-	SUBTOTAL NON-CONTINUOUS		TOTAL KVA NON-CONTINUOUS	-
			SUBTOTAL SUB-PANEL		-	-															-	-	SUBTOTAL SUB-PANEL		TOTAL KVA SUB-PANEL	-
PANEL DESIGNATION: ELECTRICAL PANEL																									TOTAL KVA	-
MAIN LUGS: N/A		MAIN BREAKER: 200 AMP																							TOTAL AMPS	-
VOLTAGE: 120/240		CYCLE: 60		PHASE: 1		WIRES: 3		MAIN COPPER BUS: 200 AMPS				NEUTRAL: 200 AMPS													

NOTES:

1. ALL WIRE TO BE #12 THHN/THWN UNLESS NOTED OTHERWISE
   COLOR CODE:
   Aϕ = BLACK
   Bϕ = RED
   NEUTRAL = WHITE
   GROUND = GREEN
2. ALL WORK TO CONFORM TO N.E.C. LATEST STATE ADOPTED EDITION.
3. LABEL SERVICE DISCONNECT WITH A RED TAG.
4. SWITCH LEG CONDUCTORS SHALL BE THE SAME COLOR AS CIRCUIT CONDUCTORS.
5. ALL GFCI RECEPTACLES TO HAVE A DEDICATED GROUND WIRE.
6. ALL BREAKERS FOR CIRCUITS FEEDING EQUIPMENT WITH A MAIN INTERNAL OVER-CURRENT DEVICE SHOULD MATCH THE RATING OF THE OVER-CURRENT DEVICE.
7. SEE ELECTRICAL SCHEMATIC #2 FOR MORE DETAILS.
8. EQUIPMENT TERMINATION LUGS AND CONDUCTORS ARE RATED AT A MINIMUM OF 75° C
9. RECEPTACLE MOUNTED IN FIBER DEMARCATION BOX TO BE NON-GFCI. THIS RECEPTACLE MAY BE POWERED FROM AN INVERTER.
10. RECTIFIER CIRCUITS ARE TO BE A MINIMUM OF 20 AMPS AND A MAXIMUM OF 40 AMPS. WIRE SHALL BE APPROPRIATELY SIZED PER N.E.C. REGULATIONS.

KEY:

(PC) = PHOTOCELL

(M) = MOTION DETECTOR

\- = CONDUIT GROUND

\# = NON-DEDICATED GROUND

(#) = DEDICATED GROUND

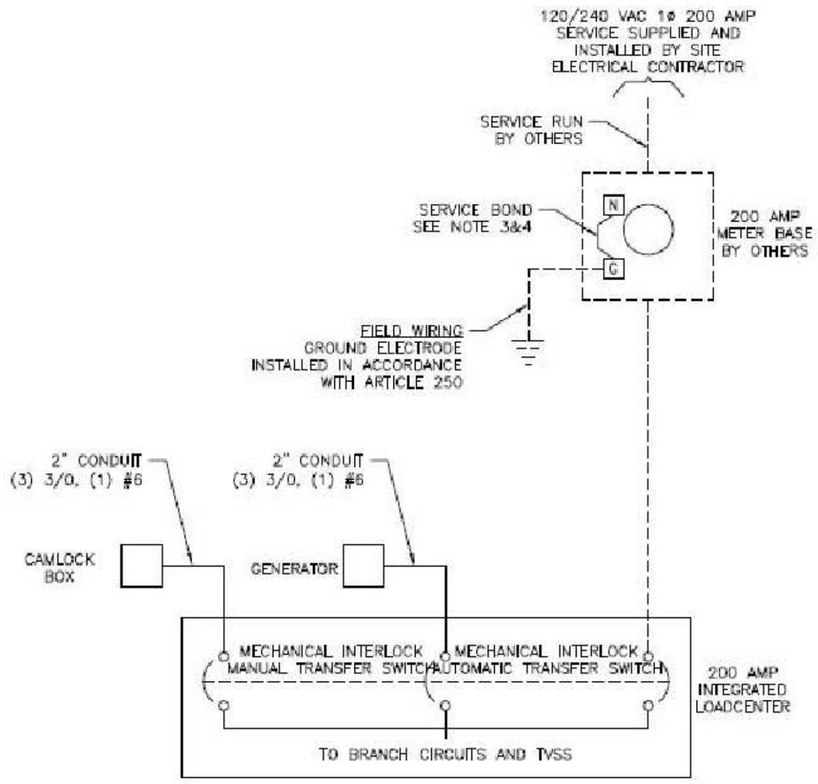
<#> = ISOLATED GROUND

COMMSCOPE, INC. OF NORTH CAROLINA

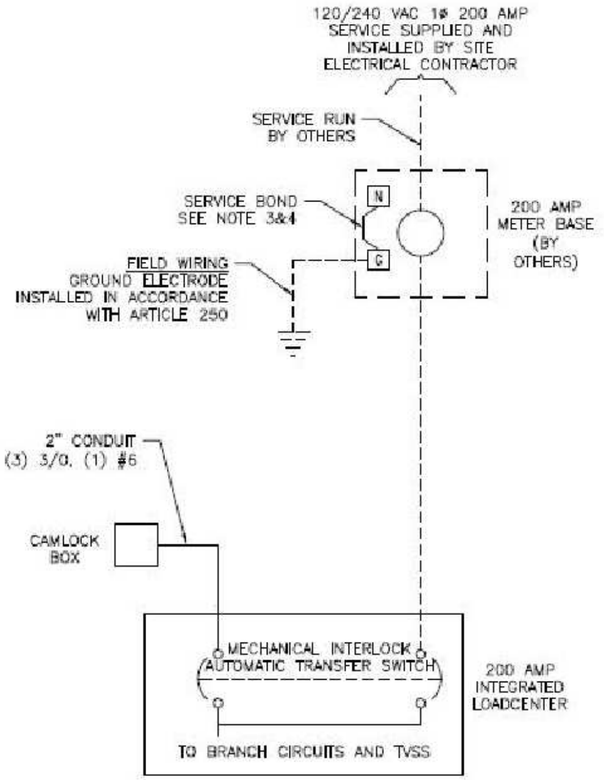
TITLE: WIRING DETAIL

SIZE	SCALE	DOCUMENT NO.			
C	1:32	E 5			
		DRAWING			SHEET
		VERSION	STATUS	REVISION	5 OF 10
				PRE1	

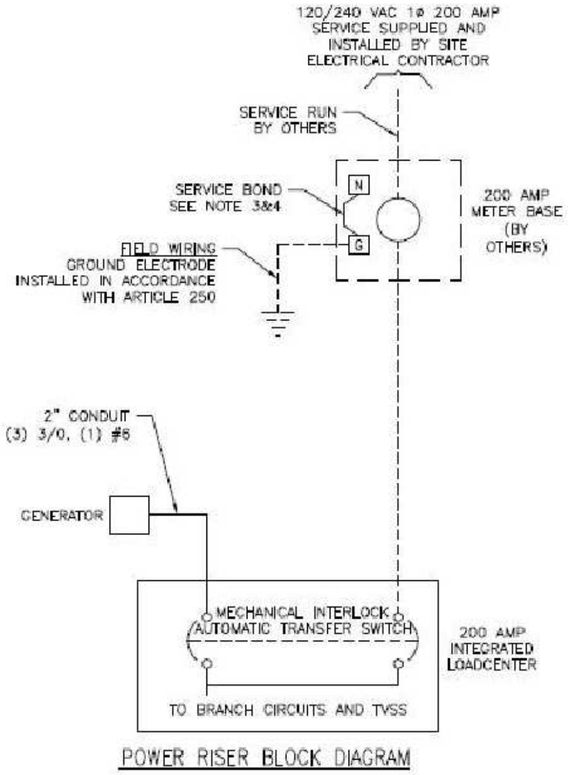
NOTES:



POWER RISER BLOCK DIAGRAM– ATS/MTS



POWER RISER BLOCK DIAGRAM



POWER RISER BLOCK DIAGRAM

NOTES:

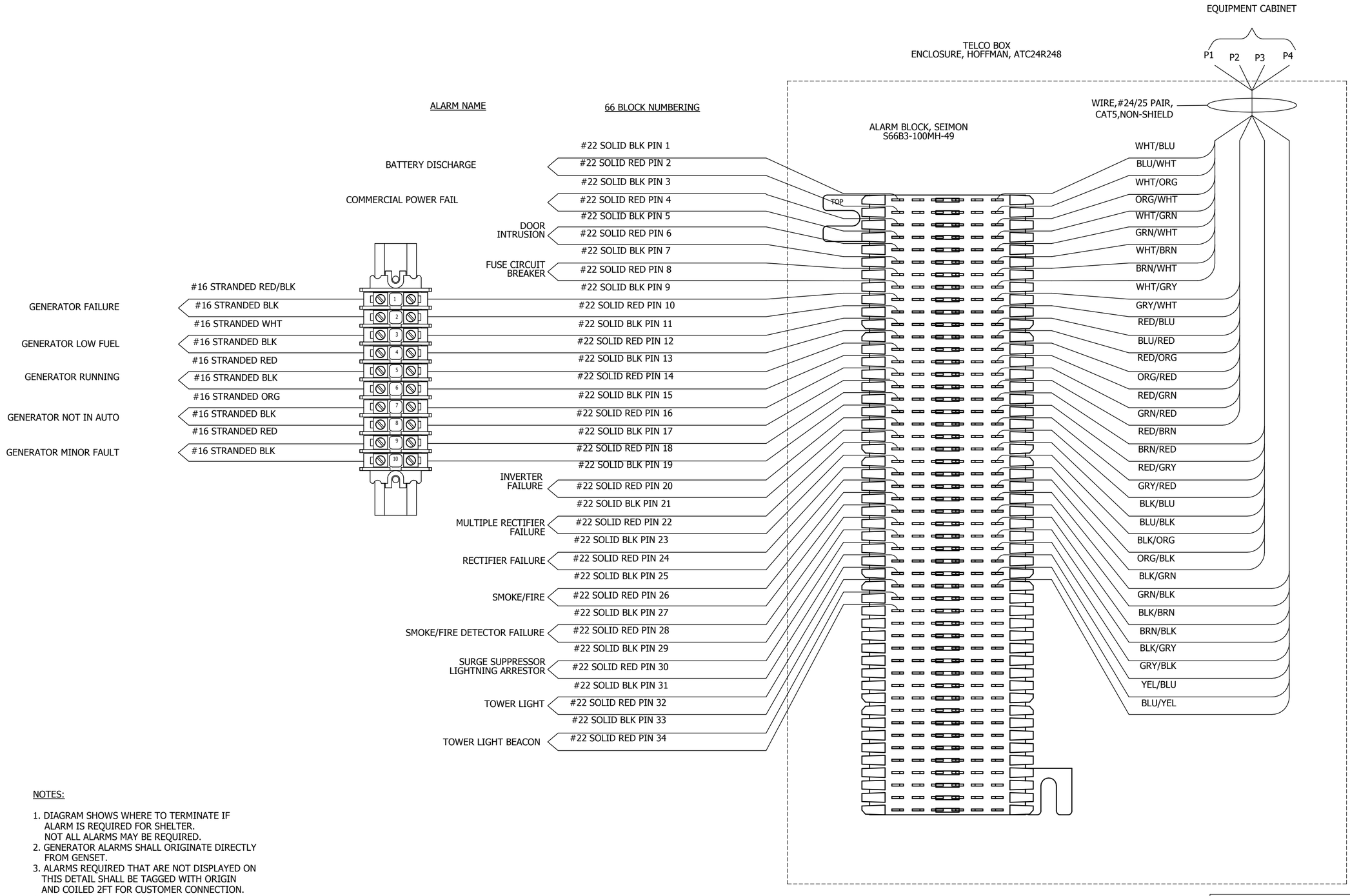
1. ------ DASHED LINES DENOTE FIELD WORK
2. BUILDING ELECTRICAL SYSTEM IS RATED AT 10,000 A.I.C. IF HIGHER RATINGS ARE REQUIRED, IT IS THE RESPONSIBILITY OF THE SITE CONTRACTOR AND/OR ENGINEER TO MEET SUCH REQUIREMENTS
3. SERVICE BOND IS TO BE MADE BY DEVICES (STRAPS, SCREWS, ETC.) SUPPLIED BY EQUIPMENT MANUCATURER. IF NO SUCH DEVICE IS SUPPLIED, BOND IS TO BE MADE IN ACCORDANCE WITH N.E.C. ARTICLE 250
4. WHEN SERVICE OVER CURRENT DISCONNECT IS FIELD INSTALLED AND HAS A NEUTRAL TO GROUND CONNECTION ESTABLISHED, REMOVE NEUTRAL TO GROUND CONNECTION IN TRANSFER SWITCH
5. CONDUCTOR OVER CURRENT PROTECTION DEVICES ARE SELECTED IN ACCORDANCE WITH NEC ARTICLE 240.3
6. CONDUCTOR SIZING IS SELECTED FROM N.E.C. ARTICLE 215.2
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 AND (1) #4 GROUND

COMMSCOPE, INC. OF NORTH CAROLINA

TITLE: POWER RISER BLOCK

SIZE	SCALE	DOCUMENT NO.			
C	1:32	E 6			
		DRAWING			SHEET
		VERSION	STATUS	REVISION	6 OF 10
				PRE1	

NOTES:



NOTES:

1. DIAGRAM SHOWS WHERE TO TERMINATE IF ALARM IS REQUIRED FOR SHELTER. NOT ALL ALARMS MAY BE REQUIRED.
2. GENERATOR ALARMS SHALL ORIGINATE DIRECTLY FROM GENSET.
3. ALARMS REQUIRED THAT ARE NOT DISPLAYED ON THIS DETAIL SHALL BE TAGGED WITH ORIGIN AND COILED 2FT FOR CUSTOMER CONNECTION.
4. MOBILE GENERATOR CAMLOCK ASSEMBLY IS EQUIPPED WITH ALARM/CONTROL CONNECTOR PRE-WIRED WITH 25' (5 PAIR CABLE) #24 FOR TERMINATION AT ALARM CONNECTION BLOCKS AND ALSO PRE-WIRED WITH 20' #16 (SINGLE PAIR) FOR TERMINATION TO ATS AUTO START/STOP TERMINALS.
5. PINS 1 & 2 OF ALARM/CONTROL CONNECTOR IN CAMLOK ASSEMBLY CONNECT TO ENGINE START CONTACTS (TB14 & 15) OF TRANSFER SWITCH IN INTERSECT PTLC.
6. BUNDLE EXCESS ALARM WIRE WITH WAX STRING ONLY.

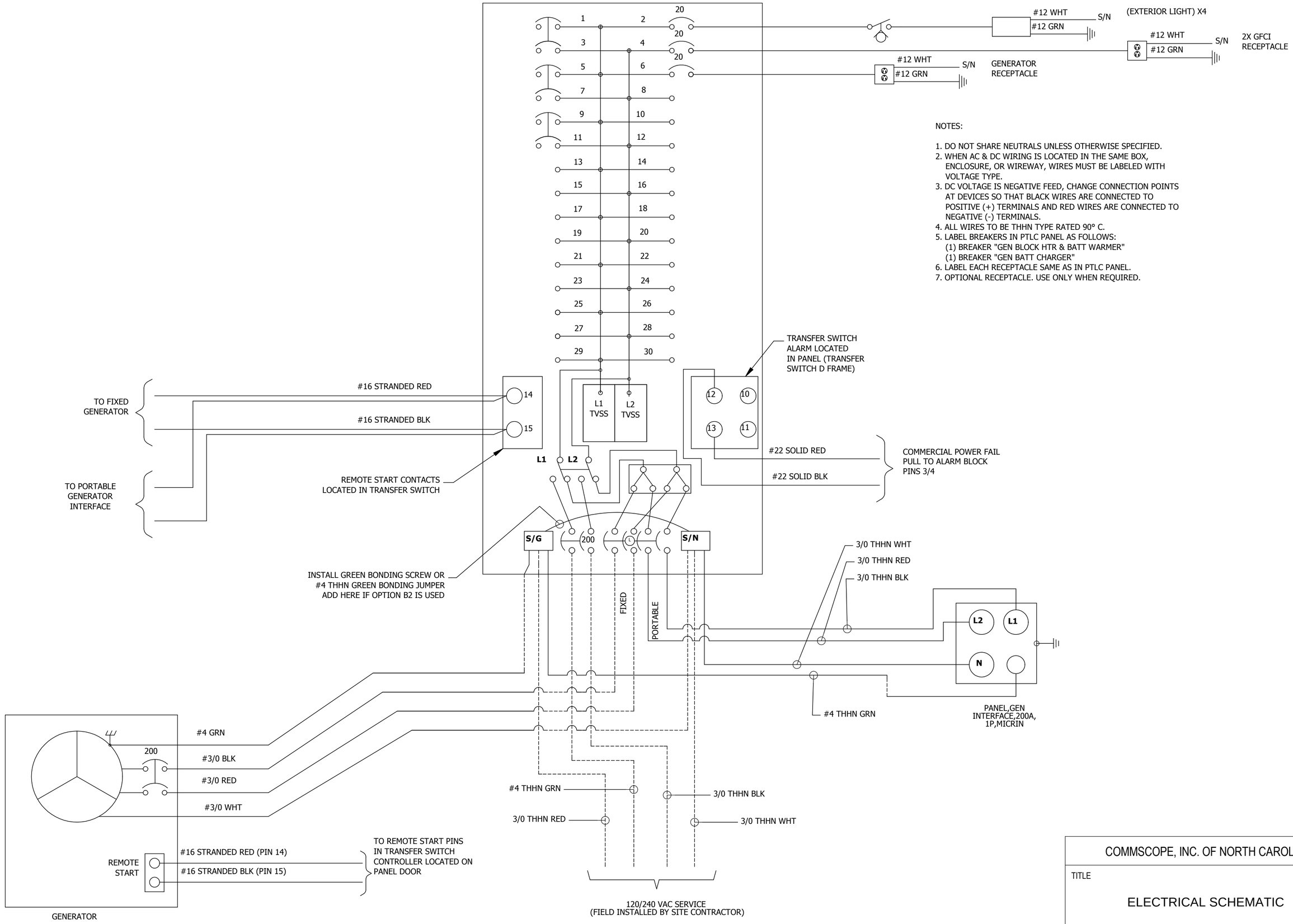
COMMSCOPE, INC. OF NORTH CAROLINA

TITLE

ALARM BLOCK

SIZE	SCALE	DOCUMENT NO.	
C	1:32	E 7	
		DRAWING	SHEET
		VERSION / STATUS / REVISION	7 OF 10
		PRE1	

NOTES:



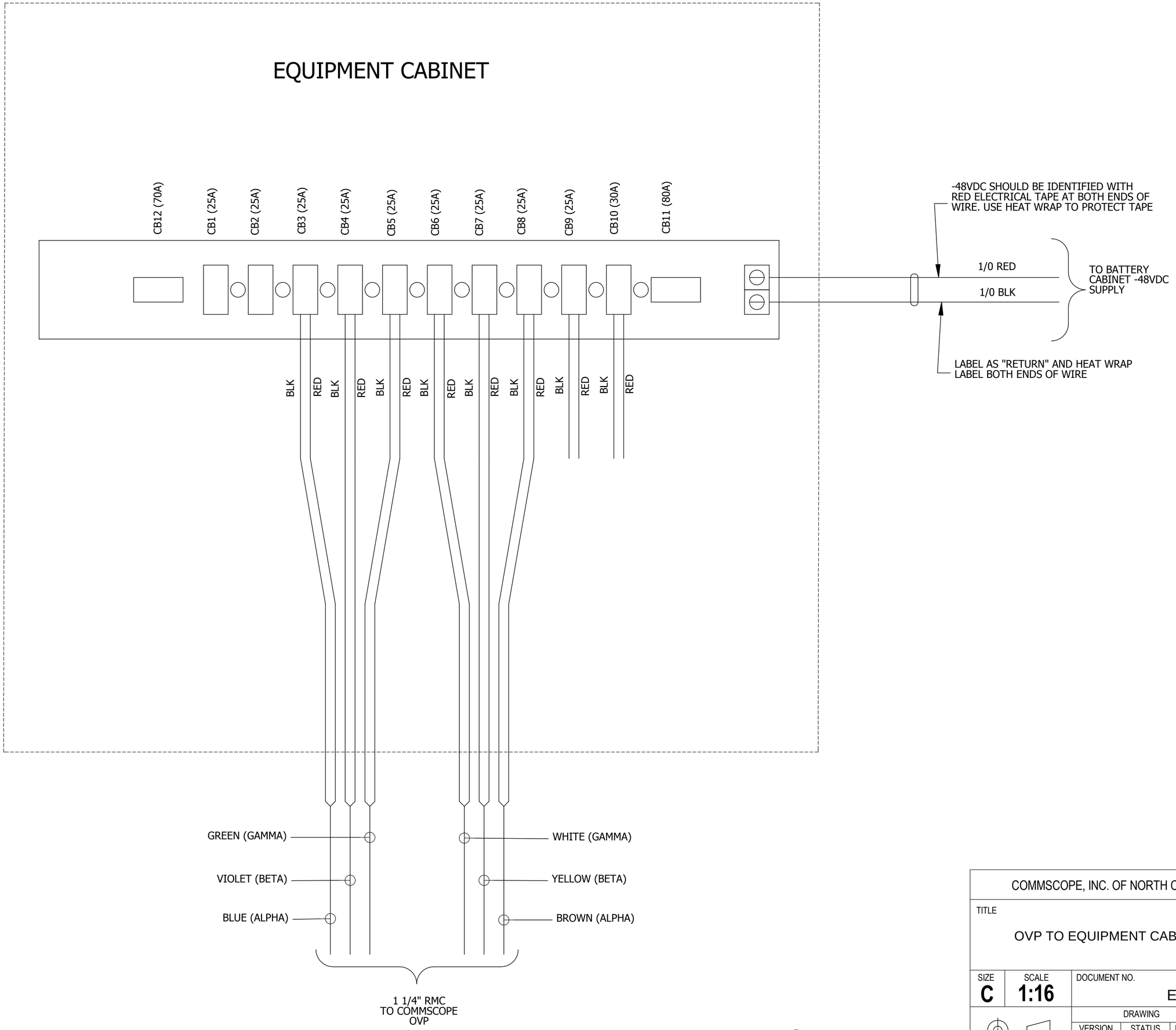
COMMSCOPE, INC. OF NORTH CAROLINA

TITLE

ELECTRICAL SCHEMATIC

SIZE	SCALE	DOCUMENT NO.			
C	1:16	E 8			
		DRAWING			SHEET
		VERSION	STATUS	REVISION	
				PRE1	8 OF 10

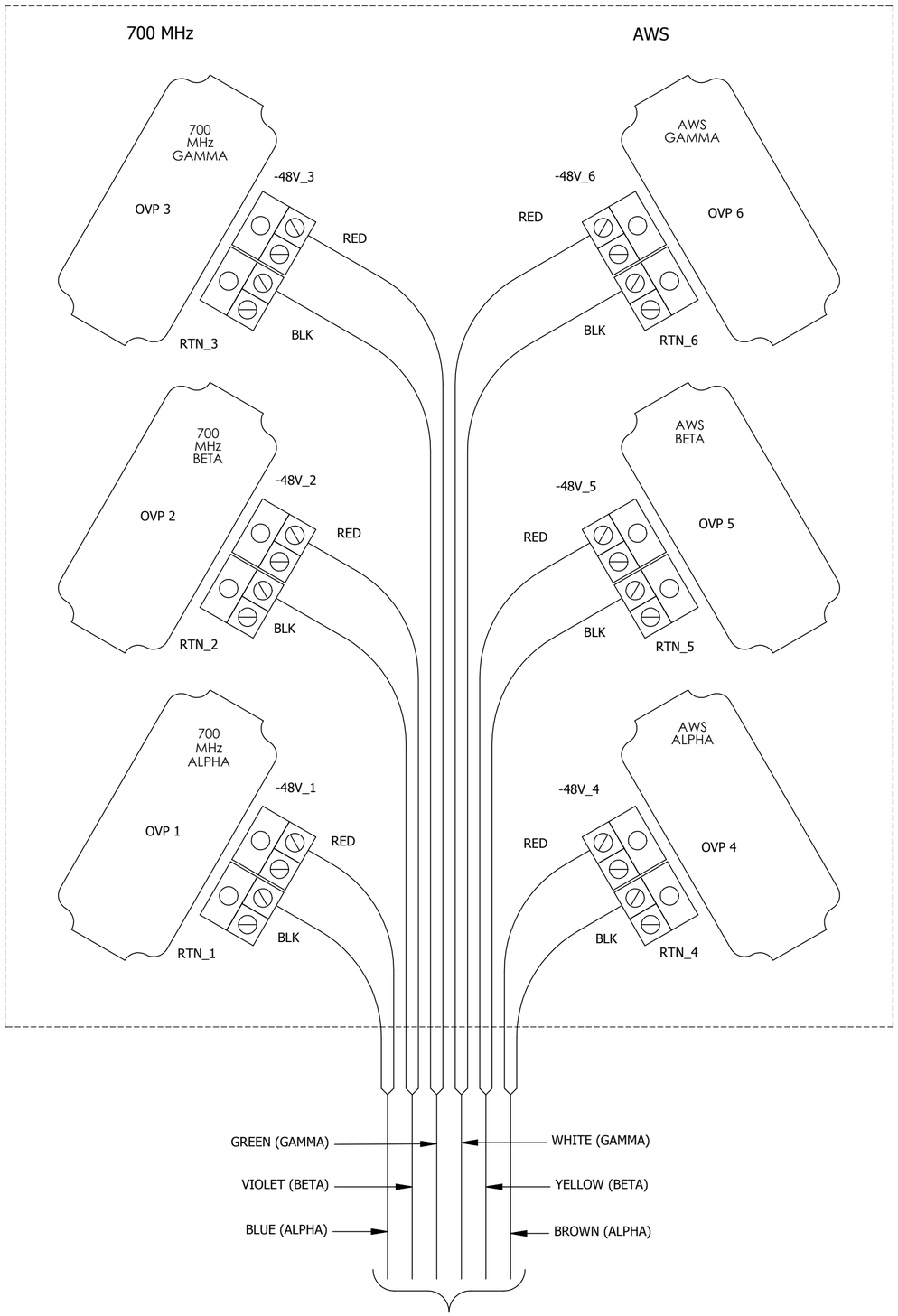
NOTES:



COMMSCOPE, INC. OF NORTH CAROLINA			
TITLE: OVP TO EQUIPMENT CABINET			
SIZE: C	SCALE: 1:16	DOCUMENT NO.: E 9	
		DRAWING: VERSION / STATUS / REVISION: PRE1	SHEET: 9 OF 10

NOTES:

COMMSCOPE OVP



COMMSCOPE, INC. OF NORTH CAROLINA			
TITLE: OVP TO EQUIPMENT CABINET			
SIZE: C	SCALE: 1:16	DOCUMENT NO.: E 10	
		DRAWING: VERSION / STATUS / REVISION: PRE1	SHEET: 10 OF 10