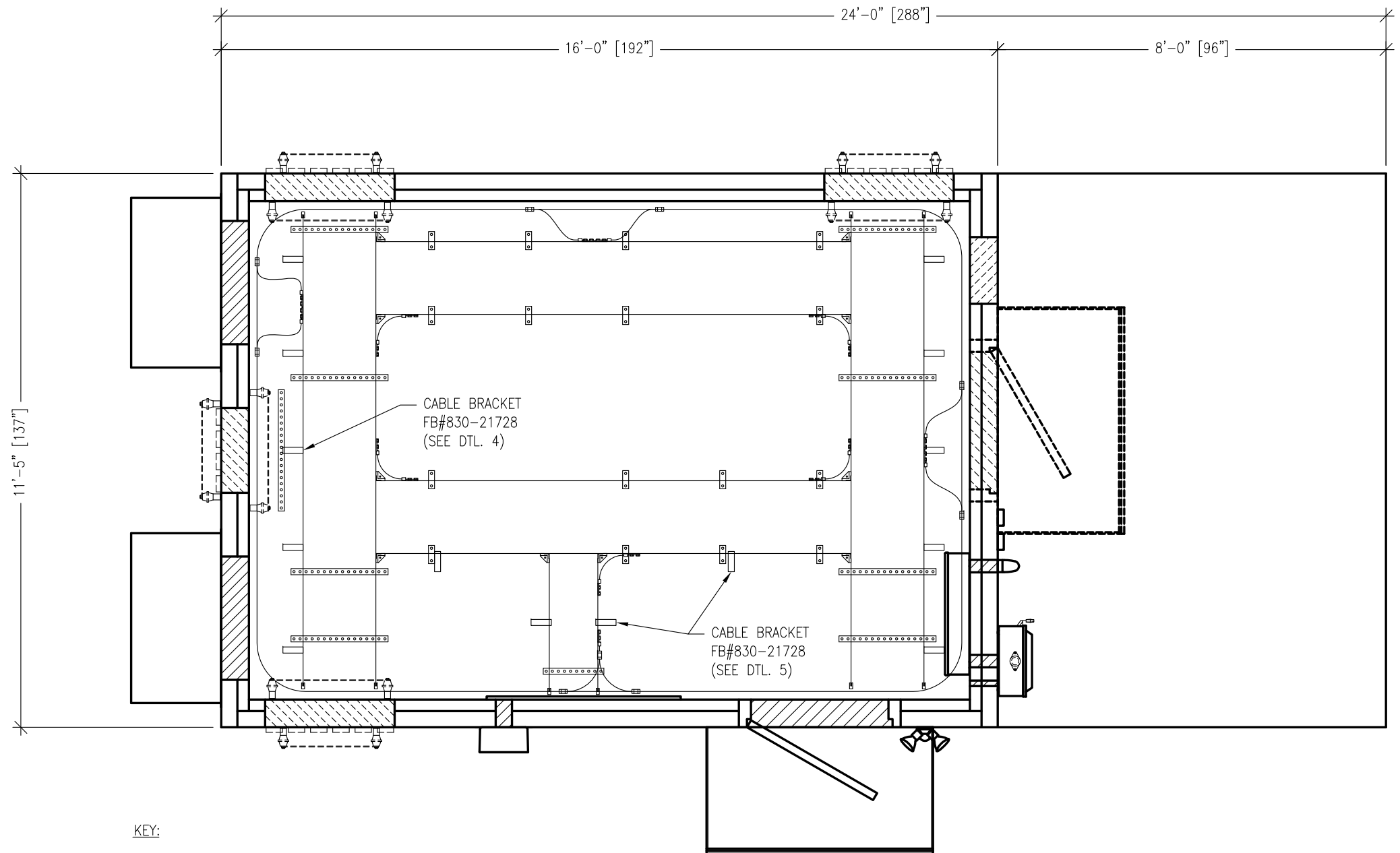


**NOTES:**

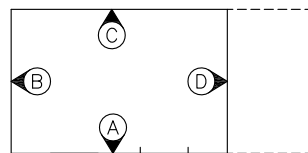
1. HALO GROUND TO BE #2 GREEN INSULATED STRANDED COPPER WIRE.
2. VERTICAL DROPS TO BE #2 SOLID TINNED COPPER WIRE. PULL TO FLOOR AND COIL ADDITIONAL 10'-0".
3. ALL BENDS MIN. 8" RADIUS.
4. APPLY ANTI-OXIDATION COMPOUND TO ALL CONNECTIONS.
5. 1/2" PVC PIPE SCH. 40. DRILL AT 45° ANGLE.
6. MOUNT EXTERIOR AND INTERIOR GROUND BAR BENEATH COAX ENTRY.
7. GROUND CABLE TRAY AS SHOWN WITH #6 STRANDED GREEN COPPER CONDUCTOR AND 2-HOLE LUG.
8. GROUNDING OF CONDUIT TO HALO SHOULD NOT EXCEED 3 CONDUITS PER CONNECTION.
9. CONNECT CABLE RACK TO HALO GROUND WITH #2 AWG GREEN CONDUCTOR AND 2-HOLE LUG.
10. CONNECT #2 AWG GREEN TO GROUND BAR IN ITEM (1) AND CONNECT TO CELL REF. GROUND BAR (29).
11. CONNECT TELCO GROUND BAR TO CELL REF. GRND BAR (29) WITH #2 AWG GREEN.
12. USE DOUBLE CRIMP C-TAPS FOR ALL CONNECTIONS TO HALO GROUND. USE (2) H-TAP CONNECTOR FOR ALL SOLID TO SOLID WIRE CONNECTIONS.
13. MOUNT T1 ARRESTORS (55) TO TELCO BOARD DIRECTLY ABOVE TELCO GROUND BAR (30). USE #6 STRANDED GREEN COPPER CONDUCTOR & 2-HOLE LUG, STRAIGHT RUNS.
14. ALL GROUND CONNECTIONS TO THE HALO TO BE NON-DIRECTIONAL.
15. CONDUCTORS TO BE INSTALLED AFTER WAVEGUIDE ENTRY HAS BEEN INSTALLED. RUN CONDUCTORS ON CABLE BRACKETS. SEE DETAIL SHEET.
16. EACH GROUND CONDUCTOR TERMINATING ON ANY GROUND BAR SHALL HAVE AN IDENTIFICATION TAG ATTACHED AT EACH END THAT WILL IDENTIFY ITS ORIGIN & DESTINATION. TAGS WILL BE INSTALLED AT THE INSTALL CENTER OR AT FINAL PUNCH.
17. EACH GROUND BAR TO BE LABELED.
18. INSTALL GROUND BAR UNDER INSTALLED WAVEGUIDE. ALL GROUNDING SHALL BE TYPICAL OF LOCATION SHOWN.
19. BOND ALL BOXES LARGER THAN 4 11/16" X 4 11/16" TO THE HALO GROUND. ( WALLS ONLY )
20. BOND ALL METAL OBJECTS, INCLUDING CABLE TRAY TO THE BARE TINNED SOLID #2 CORNER DOWN LEADS AS IT PASSES WITH 6" OF THE ITEM.
21. 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.
22. USE ALL STAINLESS STEEL HARDWARE FOR CONNECTIONS OF GROUND LUGS TO GROUND BARS.
23. USE ONLY CLEAR HEAT SHRINK. SEE GROUND LUG DETAIL ON HALO GROUND DETAILS SHEET.
24. SEE HALO GROUND DETAILS SHEET FOR DETAILS.
25. DOUBLE STACKING OF LUGS SHALL NOT BE USED.
26. DO NOT GROUND MORE THAN ONE PIECE OF EQUIPMENT WITH A SINGLE GROUND DROP.
27. REMOVE ALL PAINT BENEATH THE SURFACE OF GROUND LUGS.



**KEY:**

- ▣ = COMPRESSION TERMINAL
- = HALO GROUND SUPPORTS MOUNTED 1'-6" [18"] C/C MAX

CEILING VIEW



ELEVATION KEY

REV.	BY	DATE	REVISION	APP.	DATE	BOM	DATE

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AT&T MOBILITY  
11'-5" X 24'-0" PATIO SHELTER  
HALO GROUND CEILING VIEW

DRN. BY: CSP	DATE: 6/5/13	APP. BY: CSP	DATE: -
CHK. BY:	DATE:	APP. BY: MG	DATE: -

**F**  
FIBREBOND

SCALE: 3/8"=1'-0" SHEET NO.: 7-1  
DWG NO.: **D-9312**