



NOTES:

- THE LIGHTNING PROTECTION IS INTENDED TO PROTECT MISCELLANEOUS EQUIPMENT ATTACHED TO THE SUPPORT RAIL. ANY HIGH EQUIPMENT PROVIDED BY THE OWNER SUCH AS METAL TOWERS OR ANTENNA MUST BE EQUIPPED WITH INDIVIDUAL LIGHTNING PROTECTION.
- LOCATION ON ROOF MOUNTED LIGHTNING ROD, PULL BOX AND RECEPTACLES TO BE CONFIRMED ON SITE TO SUIT OWNER'S REQUIREMENTS.

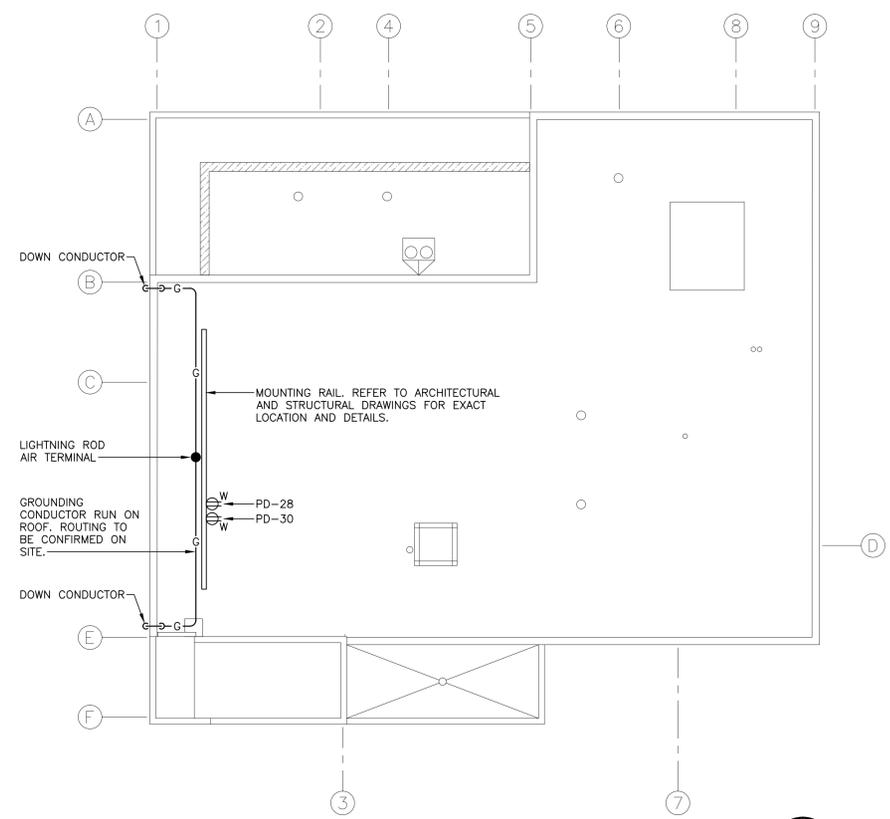
C	ISSUED FOR TENDER	JUN 28 2017
B	ISSUED FOR 99% REVIEW	MAY 25 2017
A	ISSUED FOR CLIENT REVIEW	APR 28 2017
revisions		date

**MCTS CENTRE AND C&P BUILDING
 PLACENTIA**

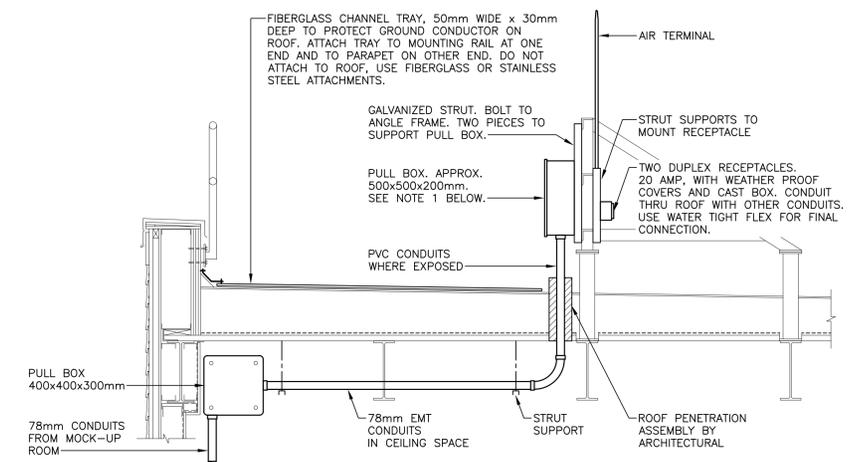
GROUNDING & LIGHTNING PROTECTION

designed	<i>DB</i>	conçu
date	JUNE 28 2017	
drawn	<i>DB</i>	dessiné
date	JUNE 28 2017	
approved	<i>DB</i>	approuvé
date	JUNE 28 2017	

Tender Submission
 g. f. macgillivray June 30/17
 PWSSC Project Manager / Administrateur de projets TPSSC
 project number / no. du projet
R.081781.004
 drawing no. / no. du dessin
E12



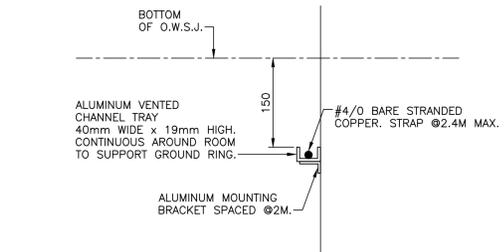
1
E4
ROOF PLAN - GROUNDING & LIGHTNING PROTECTION
 SCALE : 1:100
 0m 1m 2m 3m 4m 5m 6m 7m 8m 9m 10m



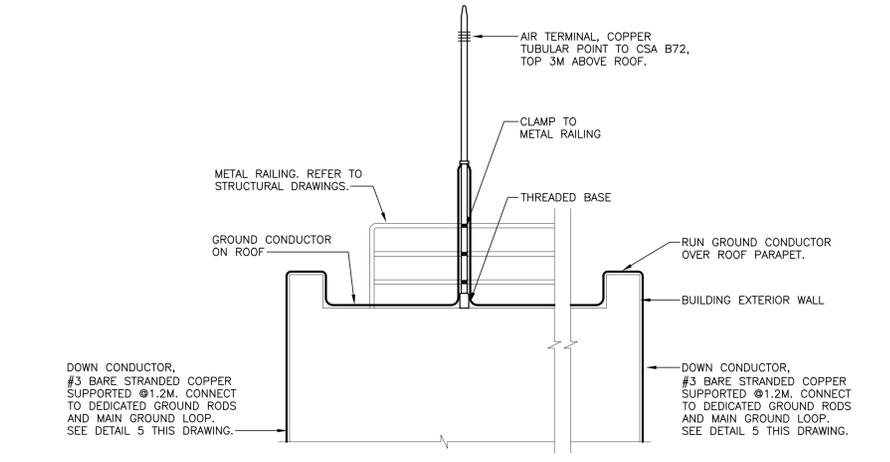
NOTES:

- BOX: NEMA 4X FIBERGLASS, HEAVY DUTY WITH STAINLESS STEEL HARDWARE, PADLOCK PROVISION, CONTINUOUS HINGE DOOR, WATERTIGHT CONSTRUCTION, WITH MOUNTING TABS. ATTACH TO STRUT SUPPORTS WITH STAINLESS STEEL OR GALVANIZED FASTENERS.
- LOCATION OF PULL BOX AND RECEPTACLES TO BE CONFIRMED ON SITE.

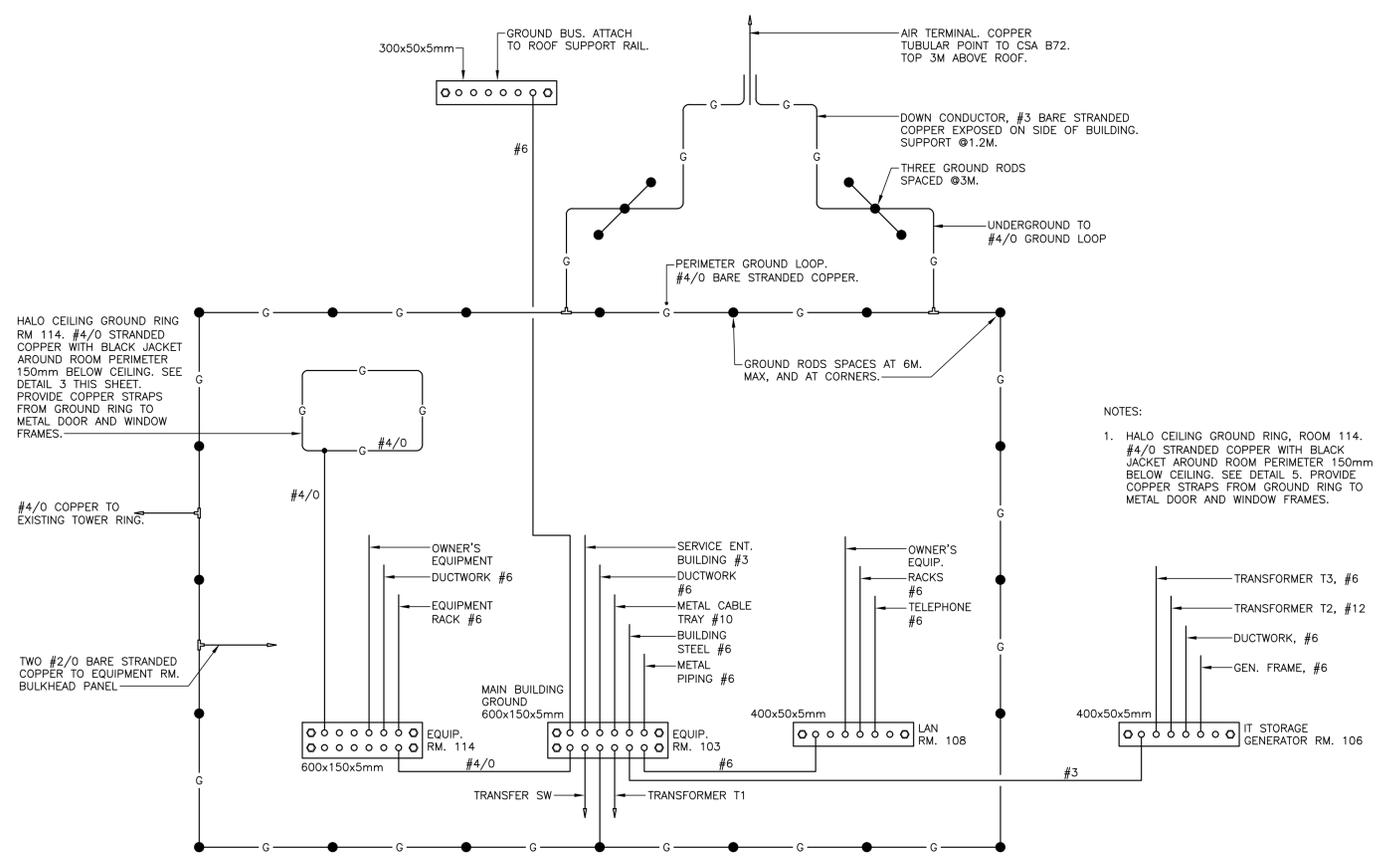
2
E12
ROOF SUPPORT DETAIL
 SCALE : NTS



3
E12
HALO GROUND RING SUPPORT DETAIL
 SCALE : NTS



4
E12
LIGHTNING AIR TERMINAL DETAIL
 SCALE : NTS



5
E12
GROUNDING/LIGHTNING PROTECTION SCHEMATIC
 SCALE : NTS