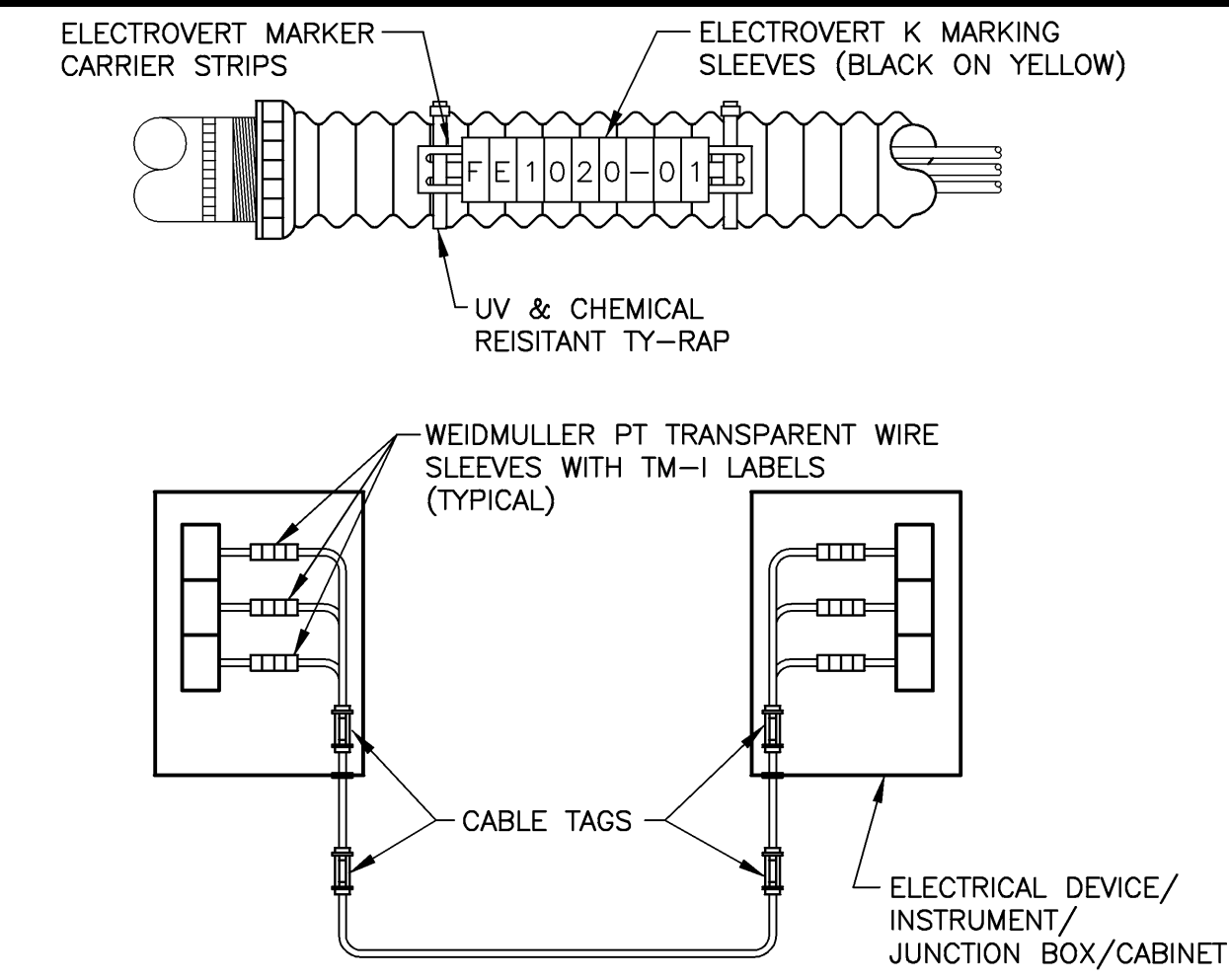
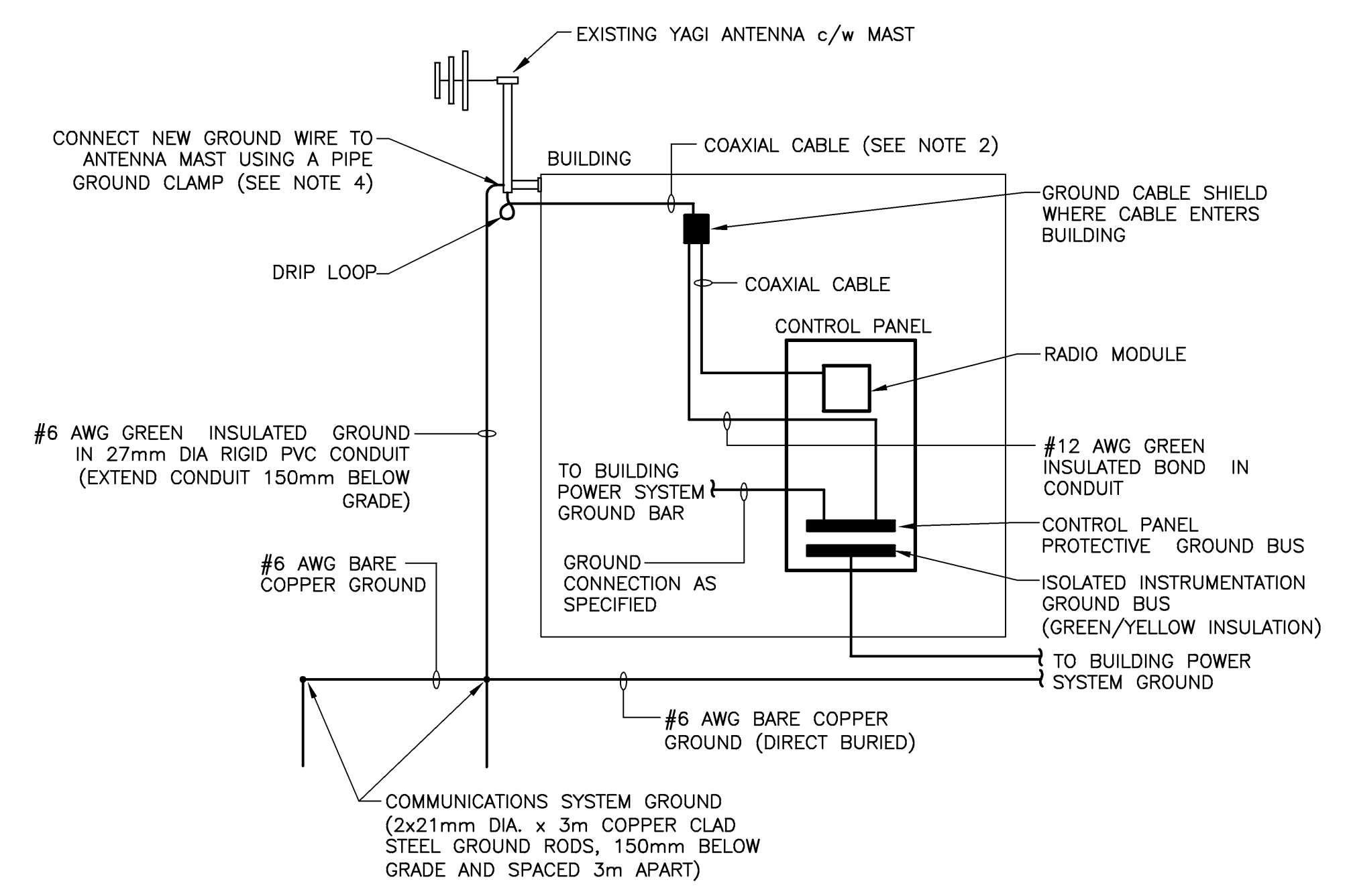


1 TYPICAL INSTRUMENTATION TERMINATION JUNCTION BOX LAYOUT
N.T.S.

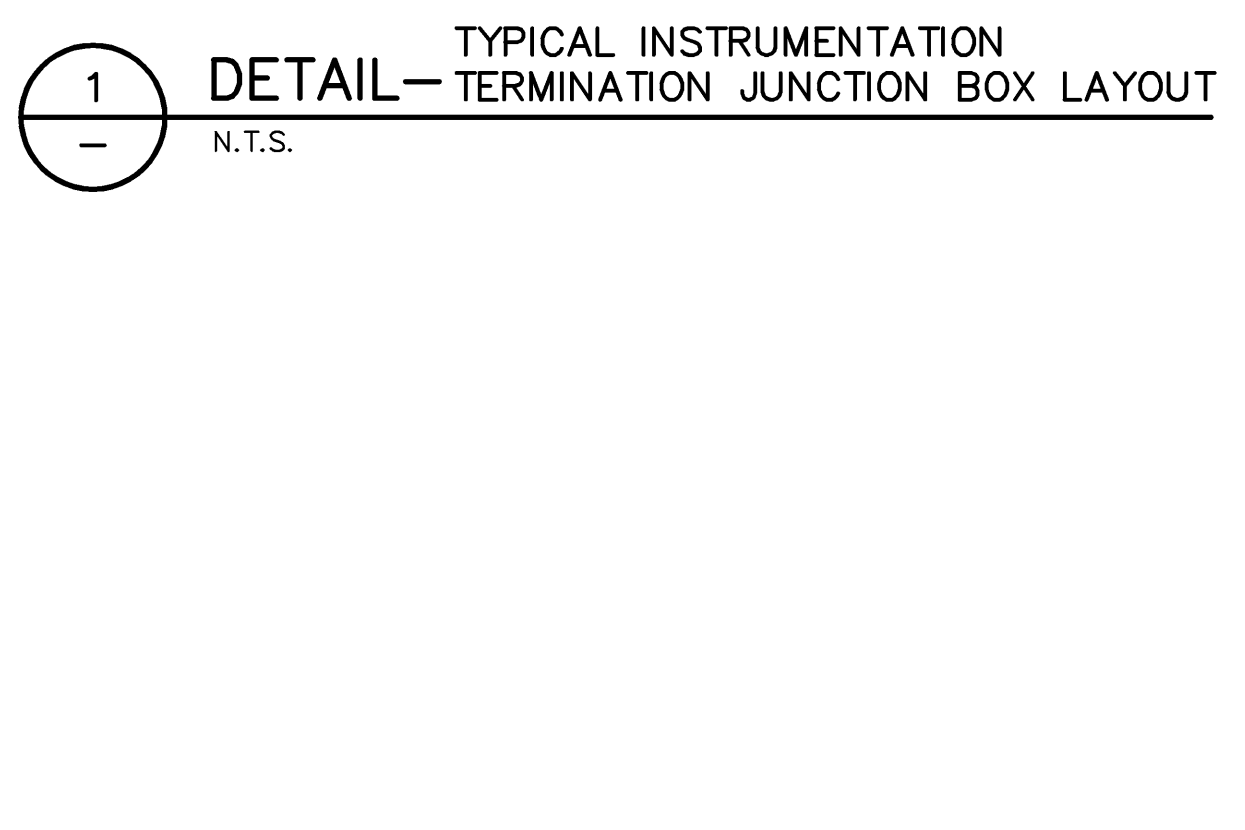
NOTES:
1. THIS LAYOUT DRAWING APPLIES TO INSTRUMENTATION TERMINATION JUNCTION BOXES. THE ABOVE LAYOUT IS TO BE USED AS A GUIDE ONLY. REFER TO THE CONTROLS/INSTRUMENTATION CABLING DRAWINGS TO DETERMINE THE REQUIRED NUMBER OF TERMINAL BLOCKS IN EACH FIELD JUNCTION BOX.
2. REFER TO SPECIFICATION SECTION 269100 FOR MATERIAL REQUIREMENTS.



3 DETAIL - CABLE & CONDUCTOR IDENTIFICATION
N.T.S. TYP. FOR: ALL CABLE AND CONDUIT RUNS

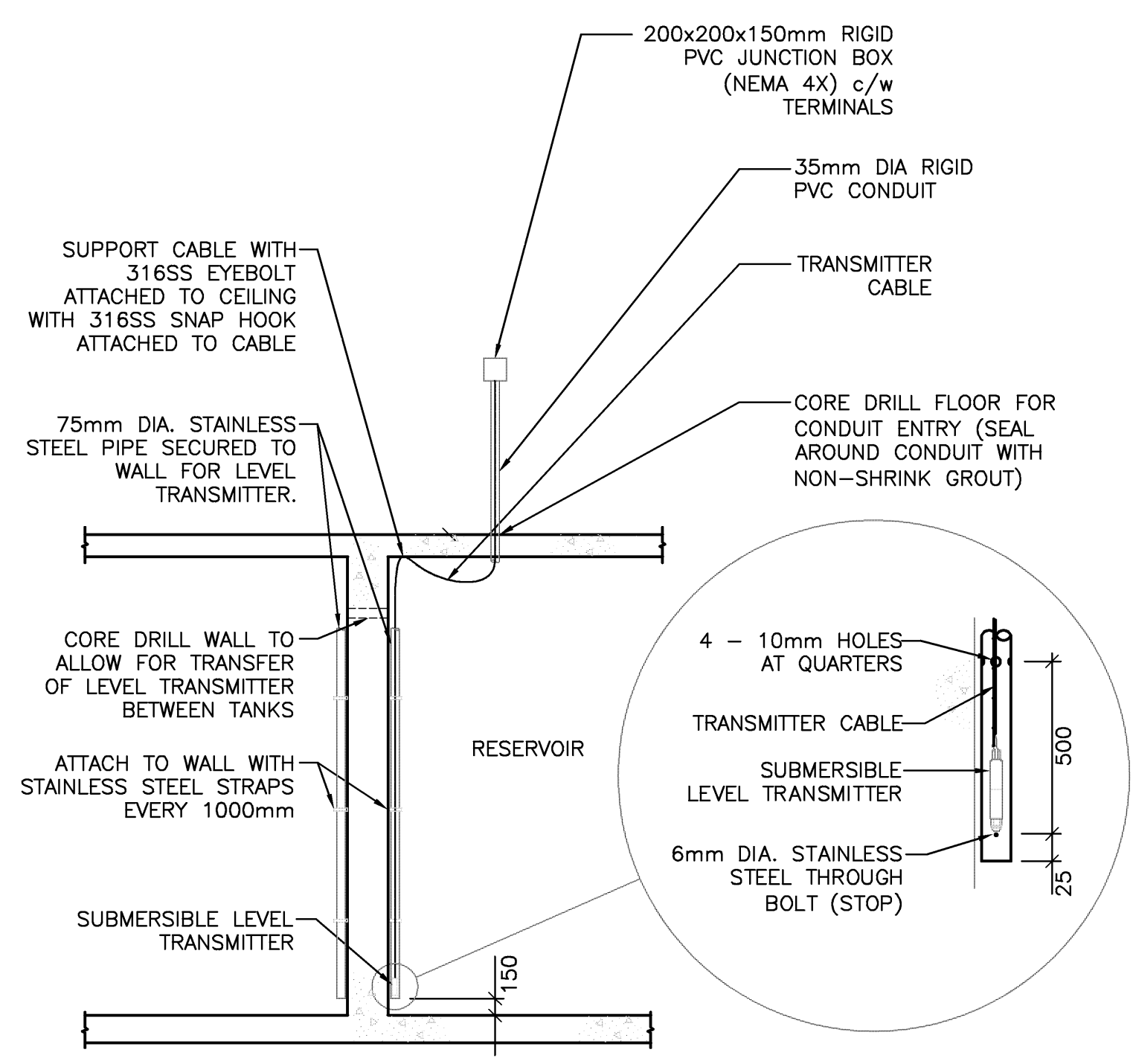


6 DETAIL - TYPICAL ANTENNA GROUNDING
N.T.S. (SEE NOTE 1)

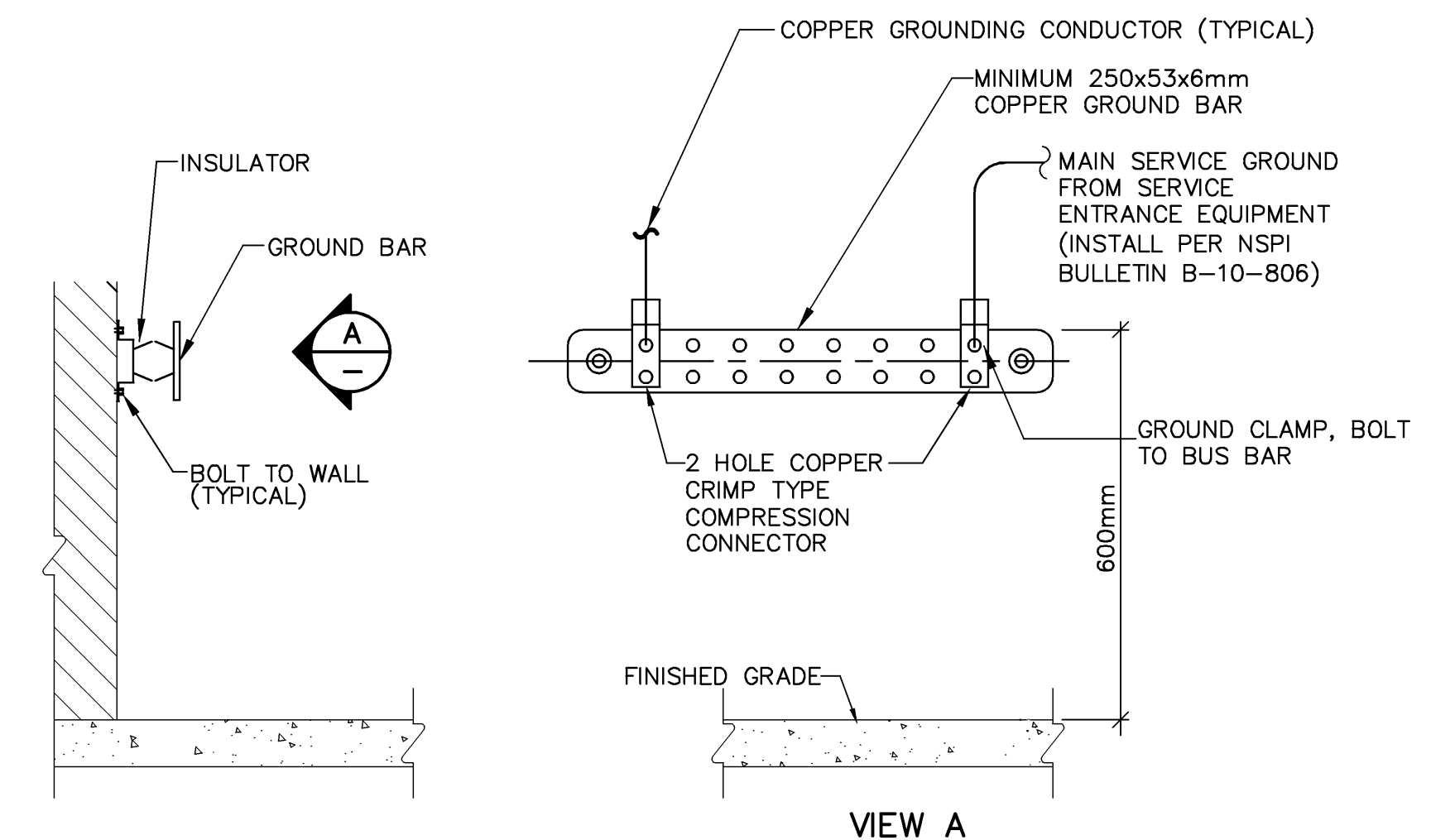


2 DETAIL - TYPICAL PLC/RTU CONTROL PANEL INTERNAL LAYOUT
N.T.S.

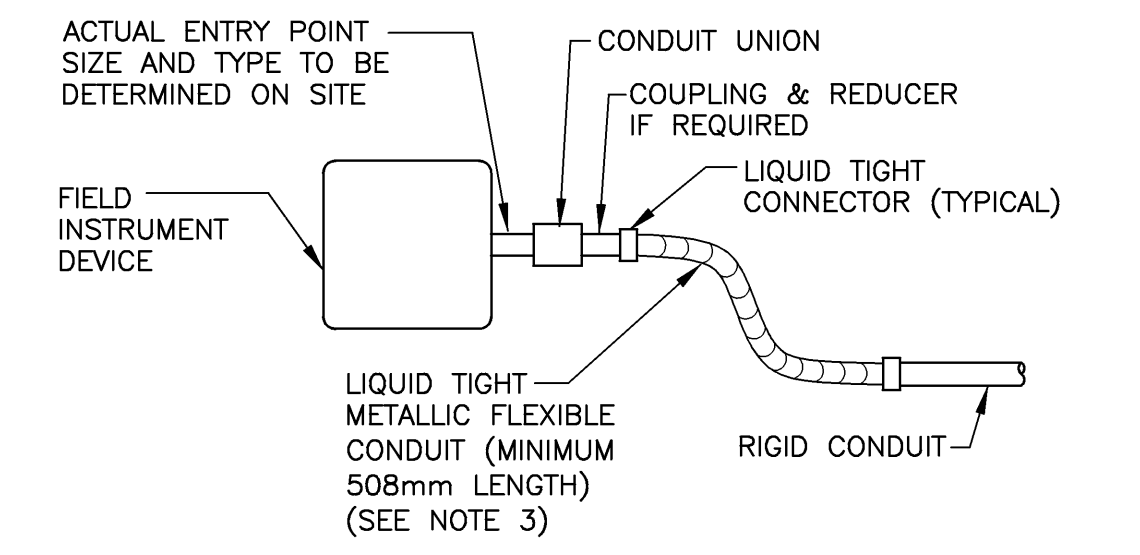
NOTES:
1. THIS LAYOUT DRAWING APPLIES TO FLOOR MOUNTED (OR WALL MOUNTED) PLC/RTU CONTROL PANELS. THE ABOVE LAYOUT IS TO BE USED AS A GUIDE ONLY. REFER TO THE CONTROL SYSTEM BLOCK DIAGRAM, CONTROLS/INSTRUMENTATION CABLING DIAGRAMS, CONTROL SCHEMATICS, PLC I/O LISTS, ETC., TO DETERMINE THE NUMBER OF I/O CARDS, RELAYS, TERMINAL BLOCKS, ETC., REQUIRED FOR EACH PANEL.
2. REFER TO SPECIFICATION SECTION 269100 FOR MATERIAL REQUIREMENTS.



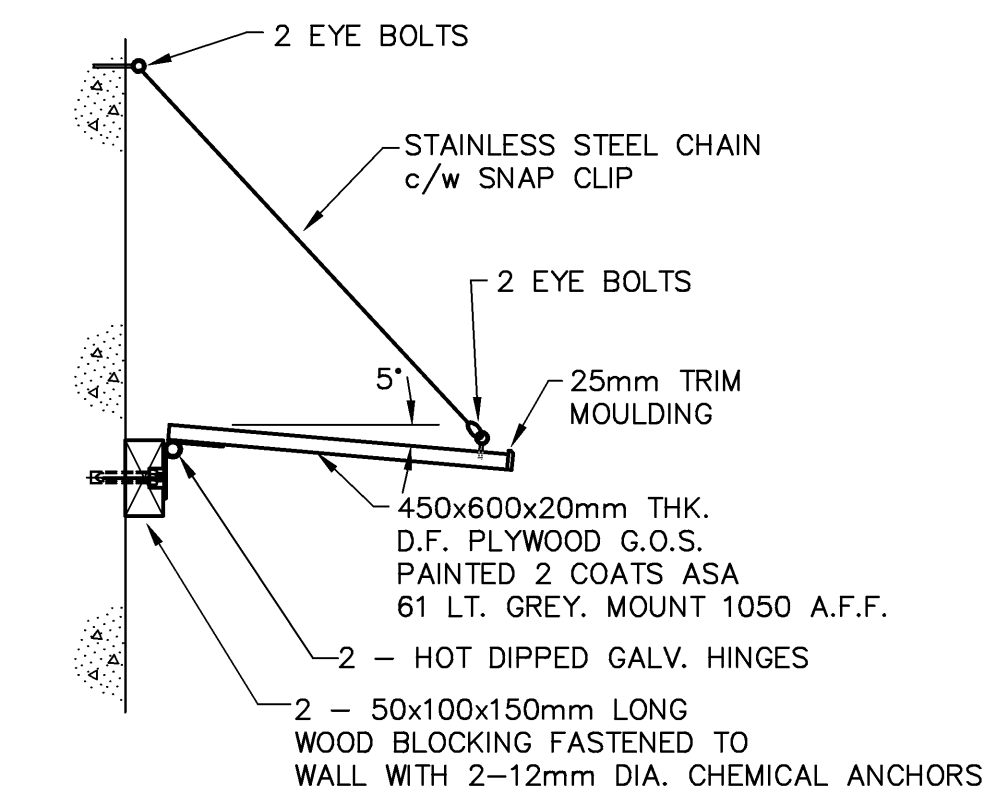
4 DETAIL - RESERVOIR LEVEL TRANSMITTER
1:50



7 DETAIL - WALL MOUNTED GROUND BUS CONNECTION
N.T.S.



5 DETAIL - FIELD INSTRUMENT CONDUIT ENTRY
N.T.S.



8 DETAIL - UTILITY TABLE
1:10

NOTES:
1. LOCATE COMMUNICATIONS SYSTEM GROUND AS CLOSE AS PRACTICAL TO ANTENNA AND AS PER THE CANADIAN ELECTRICAL CODE.
2. DO NOT EXCEED MINIMUM BENDING RADIUS OF ANTENNA CABLE.
3. USE NON-METALLIC FLEXIBLE CONDUIT IF RIGID PVC CONDUIT IS INSTALLED.
4. AT THE ELECTRICAL BUILDING (PH2 LOCATION), CONNECT THE GROUND WIRE TO THE EXISTING TOWER AT THE BASE USING TWO (2) HOLE, COPPER CRIMP TYPE COMPRESSION CONNECTOR.

DRAWING NAME: PROJECTS\142493.00 BROAD COVE CAMPGROUND WATER SUPPLY\20 CAD\05 ELEC\142493.00.DWG LAYOUT NAME: EDS DATE: 05-15 3:24:39 PM CAD OPERATOR: RANDESHY

No.	Description	Date	By
0	ISSUED FOR TENDER	JUNE 5/15	AB
A	ISSUED FOR 80% REVIEW	APRIL 8/15	AB

Revision or Issue

PARKS CANADA
BROAD COVE CAMPGROUND
WATER SYSTEM UPGRADES

ELECTRICAL
DETAILS
SHEET 1 OF 2

CBCL CBCL LIMITED
60 Consulting Engineers
1952-2015 ISO 9001 CERTIFIED

CBCL No	Contract No	Date	Scale
142493.00	-	MAR 17/15	N.T.S.

Designed	Drawn
LH	JDL

Checked	Approved
IR	JAB

Sheet No: 5 of 6
Drawing No: E05