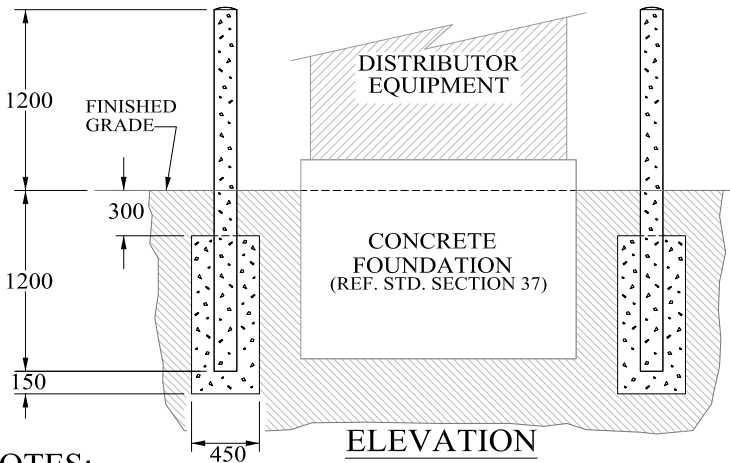
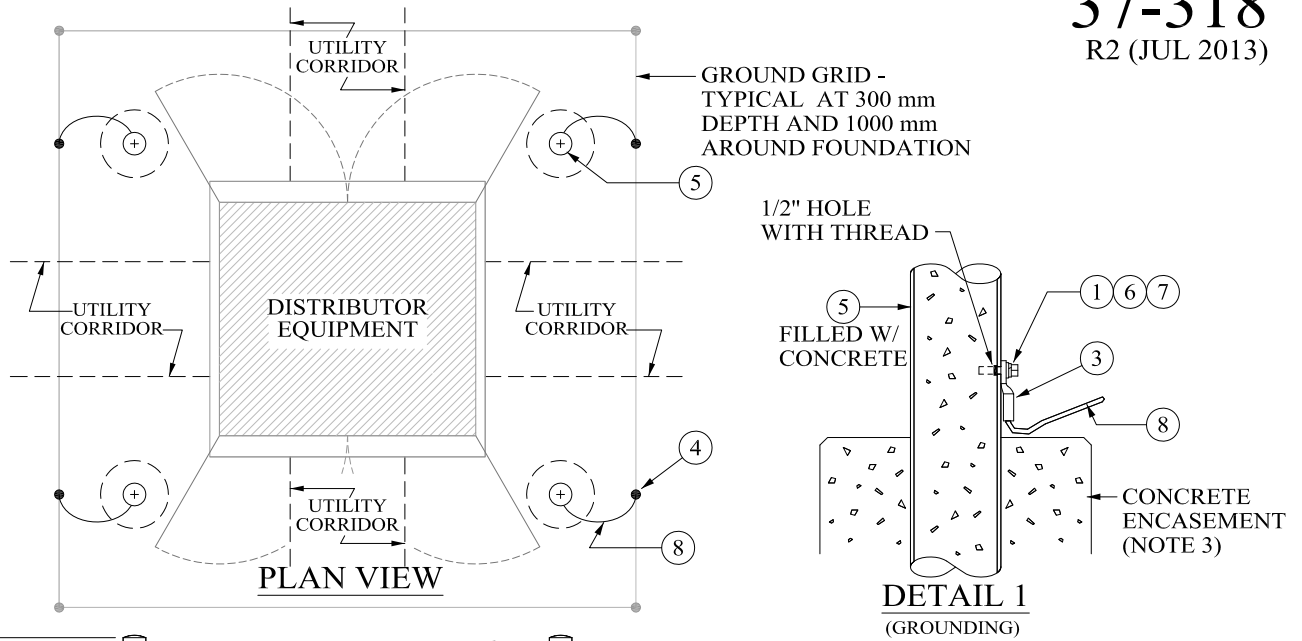


# METRIC

LINEAR DIMENSIONS SHOWN IN MILLIMETRES

37-318  
R2 (JUL 2013)



BILL OF MATERIALS			
Item #	Description	Qty	Part No.
1	BOLT, HEX HEAD, 1/2" x 2"	1 / post	BOL18
2	CEMENT, CONCRETE	++	N/A
3	CONNECTOR, LUG, #2/0 AWG Al./Cu. RATED, 1 HOLE	1 / post	CON04
4	COPPER ALLOY SPLIT BOLT CONNECTOR (#2 - 2/0)	1 / post	SUB21
5	POST, GUARD, GALV, STEEL, 150mm DIA x 2.4mm x 6mm THICK	++	N/A
6	WASHER, SPLIT, FOR 1/2" BOLT	1 / bolt	WAS12
7	WASHER, ROUND, FLAT, 1/2"	1 / bolt	WAS10
8	WIRE, #2/0 AWG Cu, SOFT DRAWN	++	WIR42

++ - LENGTH/QUANTITY TO SUIT

## NOTES:

- GUARD POSTS SHALL BE 150 mm DIA. x 2.4 m LONG x 6 mm THICK GALVANIZED STEEL PIPE FILLED WITH CONCRETE.
- LOCATION AND NUMBER OF GUARD POSTS SHALL BE DETERMINED AND FINALIZED BY DISTRIBUTOR'S FIELD INSPECTOR WITH THE FOLLOWING CRITERIA:
  - SHALL ALLOW EQUIPMENT DOORS (INCLUDING SUB-COMPARTMENT'S DOORS) TO BE OPENED THROUGH THEIR FULL RANGE.
  - SHALL ALLOW DISTRIBUTOR PERSONNEL UNIMPEDED ACCESS TO THE EQUIPMENT AND PERMIT COMPLETE AND SAFE OPERATION OF THE EQUIPMENT.
  - 500 mm MINIMUM CLEARANCE BETWEEN THE GUARD POST'S CONCRETE ENCASUREMENT AND THE UTILITY CORRIDOR.
  - 100 mm MINIMUM CLEARANCE BETWEEN THE GUARD POST'S CONCRETE ENCASUREMENT AND THE GROUND GRID.
- THE GUARD POSTS SHALL BE CONCRETE ENCASED IN 20 MPa CONCRETE WITH 10 mm PEA GRAVEL AGGREGATE.
- WHERE GUARD POSTS ARE INSTALLED IN BACKFILL OR DISTURBED EARTH, ENSURE BACKFILL MATERIAL IS THOROUGHLY COMPACTED.
- GUARD POSTS SHALL BE PAINTED WITH "SAFETY-YELLOW" (CITY'S STANDARD). FOR PROPER ADHESION OF PAINT, GUARD POSTS MUST BE CLEANED (FREE FROM DIRT, GREASE/OIL AND EXHAUST FUMES) AND PRIMED PRIOR TO PAINTING. PRETREATMENT PRIMER MUST BE COMPATIBLE WITH GALVANIZED COATING, SUCH AS MODIFIED ACRYLIC WATER-BORNE PRIMERS. FOR HIGH ADHESION OF PAINT, BRUSH OR SWEEP BLAST THE GALVANIZED POSTS IMMEDIATELY PRIOR TO PAINTING. INCORRECT TECHNIQUE OF BLASTING MAY RESULT IN DAMAGES TO THE GALVANIZED COATING. THEREFORE IT IS HIGHLY RECOMMENDED THAT A PERSON WITH EXPERTISE AND ABILITY TO FOLLOW STRICT PRETREATMENT REQUIREMENTS AND PROCEDURES BE USED. IN LIEU OF PAINTING GUARD POSTS, NON-CONDUCTIVE YELLOW HIGH DENSITY POLYETHYLENE (HDPE) COVER MAY BE USED.

## TYPICAL GUARD POST INSTALLATION