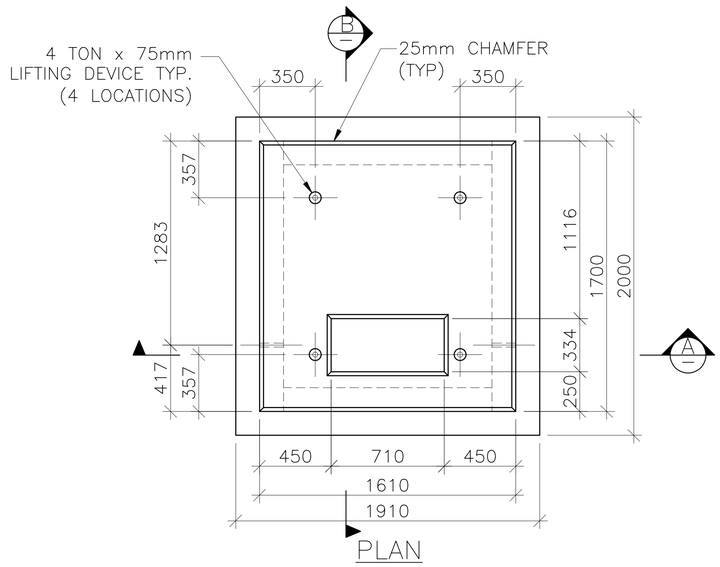
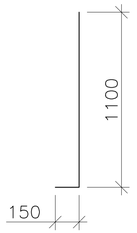
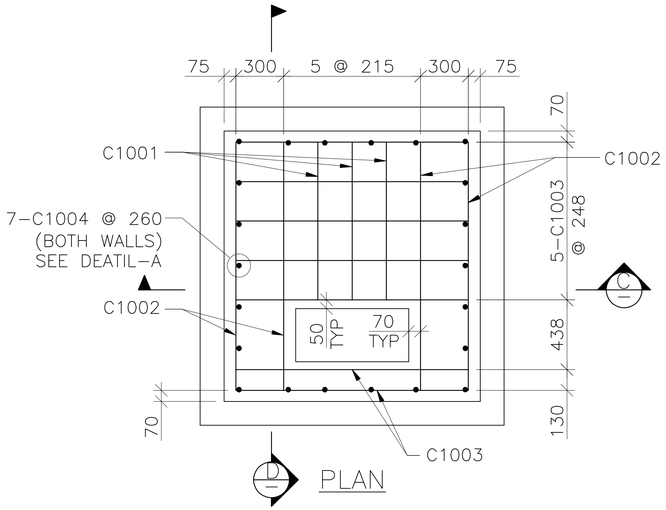


PLAN



DETAIL–A



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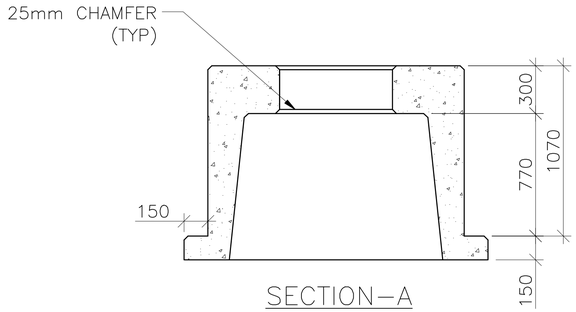
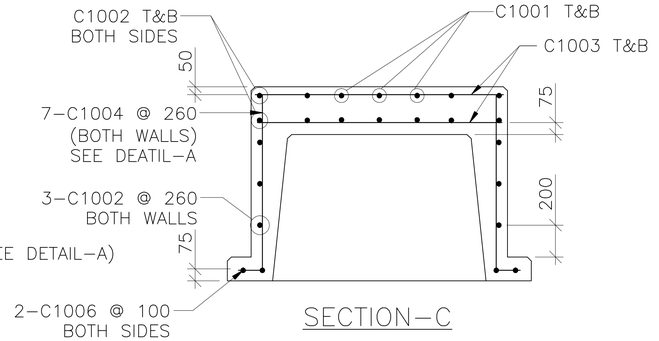


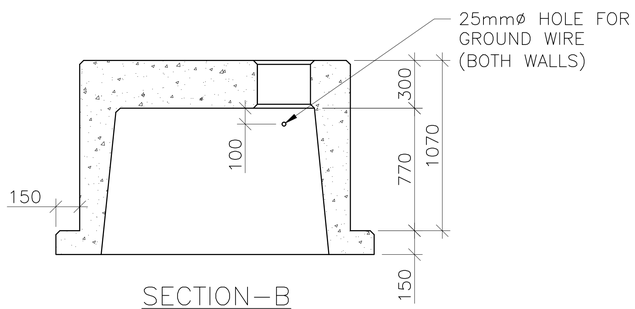
SECTION–A

REBAR SCHEDULE

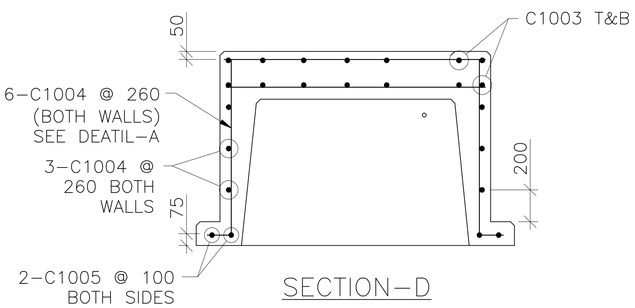
C1001–#10M BAR x 1010mm LG – 6 REQUIRED
C1002–#10M BAR x 1600mm LG – 14 REQUIRED
C1003–#10M BAR x 1500mm LG – 20 REQUIRED
C1004–#10M BAR x 1250mm LG – 22 REQUIRED (SEE DETAIL–A)
C1005–#10M BAR x 1760mm LG – 4 REQUIRED
C1006–#10M BAR x 1850mm LG – 4 REQUIRED



SECTION–C



SECTION–B



SECTION–D

NOTES:

GENERAL

1. FOR HANDLING, STORAGE, TRANSPORTATION AND ERECTION PROCEDURES PLEASE REFER TO "DAYTON/RICHMOND GUIDELINES FOR HANDLING CONCRETE PIPE AND UTILITY PRODUCTS".

2. TOLERANCE FOR STRUCTURAL ELEMENTS, MATERIALS & CONSTRUCTION CONFORM TO CAN/CSA A23.4 "PRECAST CONCRETE" CLAUSE 10.

3. APPROXIMATE WEIGHT:
SLAB – 4500kgs

REINFORCEMENT

1. ALL REINFORCING STEEL SHALL BE GRADE 400 AND CONFORM TO CAN/CSA G30.18 (LATEST EDITION).

2. ALL REINFORCING SHALL BE DETAILED, FABRICATED, PLACED AND SUPPORTED IN ACCORDANCE WITH CAN/CSA A23.4 (LATEST EDITION).

DESIGN

1. STRAUCTURAL DESIGN AS PER NSPI STANDARD DRAWING NO. 6U–ED–11M/JAN.1994

CONCRETE

1. CONCRETE MIX DESIGNS SHALL CONFORM TO REQUIREMENTS SET FORTH BY CAN/CSA A23.1 EXPOSURE CLASS C–2 OR A–2 WITH THE FOLLOWING CRITERIA:
– CONCRETE STRENGTH = 21 MPa AT TIME OF STRIPPING
– DESIGN CONCRETE STRENGTH OF 35 MPa AT 28 DAYS OR TIME OF SHIPPING
– 5% TO 8% AIR ENTRAINMENT
– FOLLEY LAKE AGGREGATE SHALL BE USED WITH A NOMINAL AGGREGATE SIZE OF 20mm

2. CONCRETE CURING SHALL BE IN CONFORMANCE WITH CAN/CSA A23.1 (LATEST EDITION).

3. SHAW CONCRETE BATCH No. SHALL BE 406.

REV NO.	REVISION	DATE

SHAW PIPE

DRAWING No.
EMAIL2009NSPI0102

PROJECT TITLE:
NS POWER STANDARDS

DRAWING TITLE:
1610x1700 SINGLE–PHASE PADMOUND TRANSFORMERS
50kv.A – 167kv.A

GENERAL ARRANGEMENT

CONTRACTOR:

DATE	SCALE
23 JULY 2009	AS NOTED
DRAWN: N. DIMOCK	CHECKED: R. MACDOW

SHEET 1 OF 1