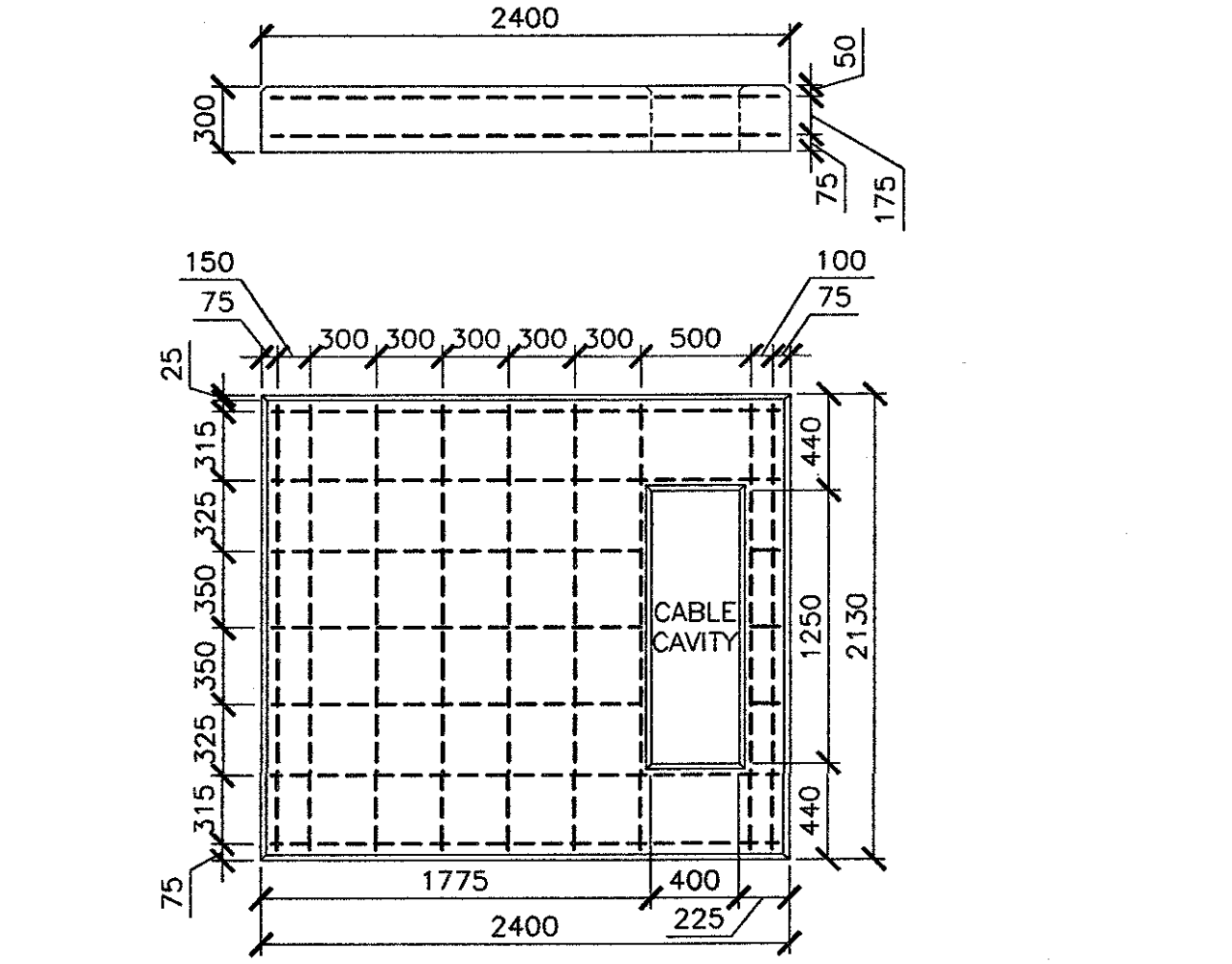


### A PRIMARY AND SECONDARY DUCTBANK

SCALE : N.T.S.



- NOTES:
1. CONCRETE = 30MPa @ 28 DAYS
  2. ALL REBAR = 10M
  3. OUTSIDE EDGE & TOP OF CABLE CAVITY TO BE CHAMFERED.
  4. TOP SURFACE TO BE SMOOTH FINISH
  5. NB POWER STANDARDS

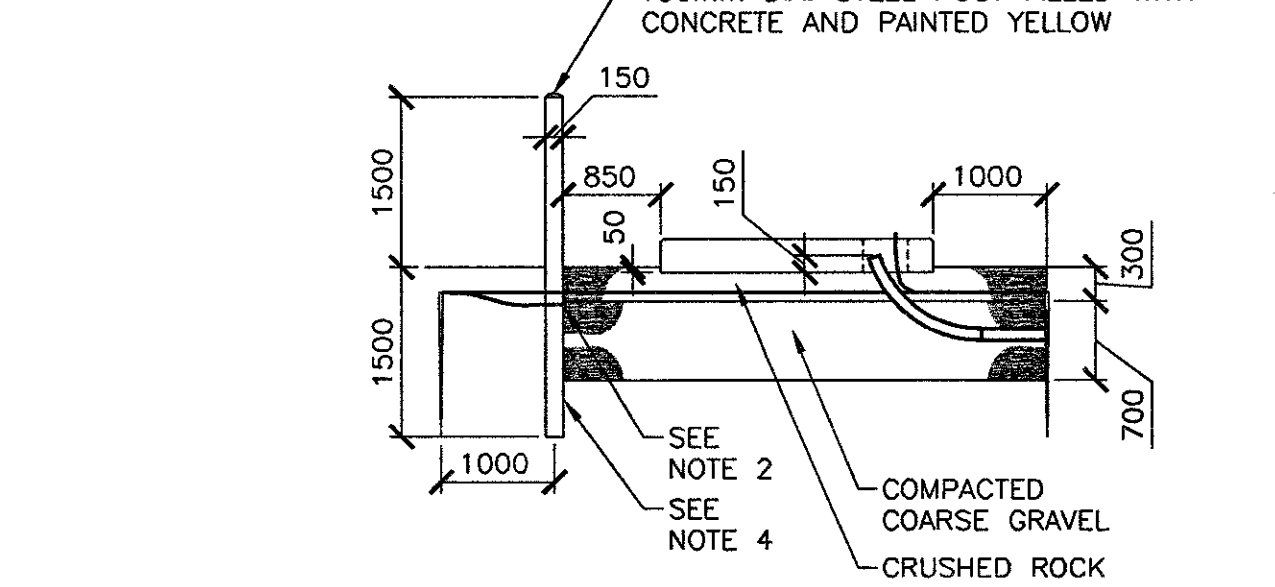
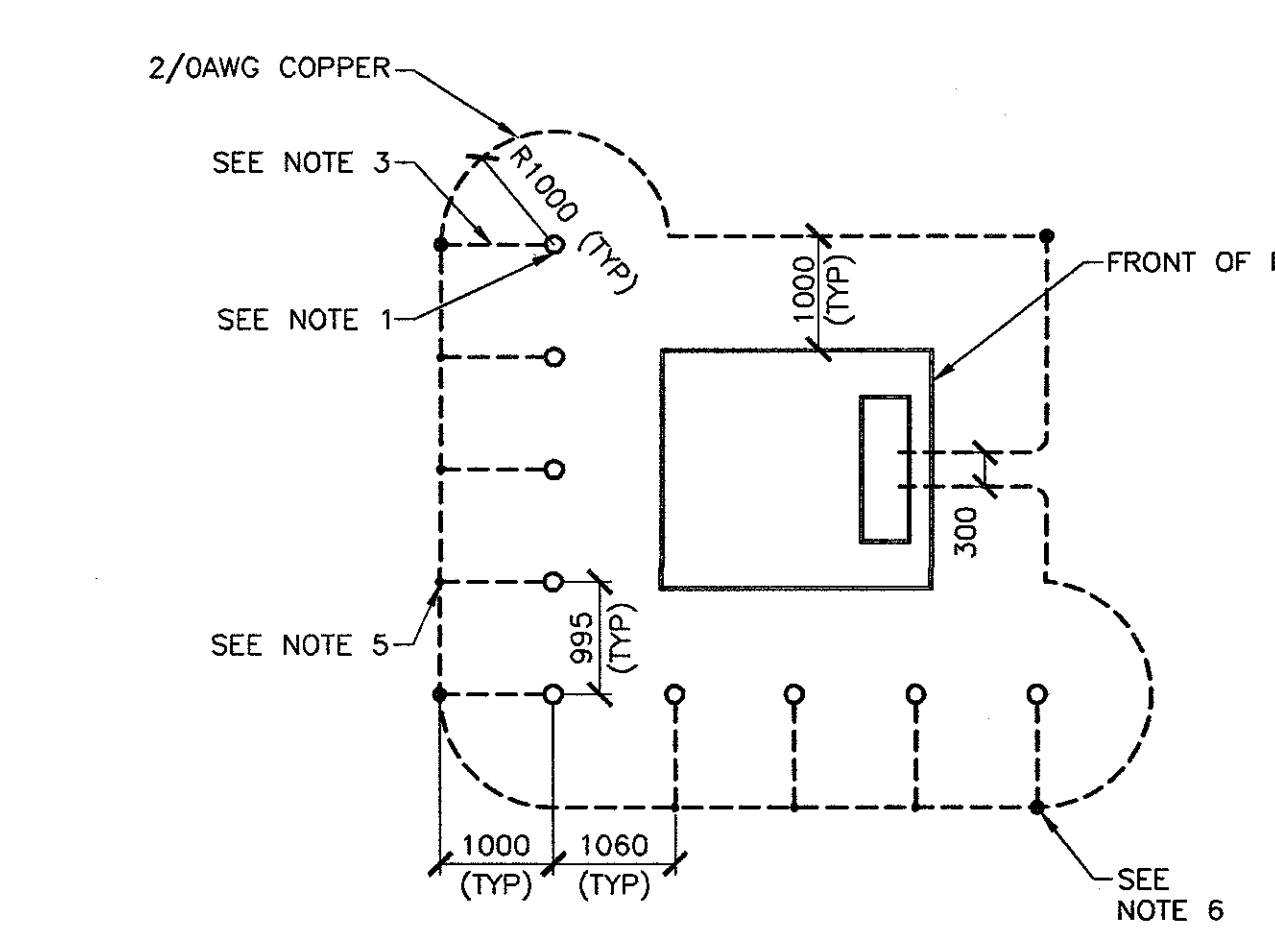
### 1 CONCRETE PAD 500KVA FOR 3Ø PAD MOUNTED TRANSFORMER

SCALE : N.T.S.



### B DUCTBANK FROM C-16

SCALE : N.T.S.



- NOTES:
1. VEHICLE PROTECTION IS REQUIRED ON NORTH AND WEST SIDES OF TRANSFORMER. REFER TO SITE PLAN.
  2. INSTALL A GROUND CONNECTOR 1200mm FROM THE BOTTOM OF EACH STEEL PIPE.
  3. INSTALL A #5AWG COPPER GROUND CONDUCTOR FROM THE PADMOUNT GROUND LOOP TO THE POSTS.
  4. STEEL PIPE IS TO BE SCHEDULE 40 THICKNESS.
  5. CONNECTION TO BE MADE WITH A CONNECTOR WHICH IS SUITABLE FOR DIRECT BURIED COPPER CONDUCTORS. FOR EXAMPLE COPPER CRIMPS (REFERENCE NB POWER STANDARDS), CADWELD, BRONZE SERVICE POST CONNECTORS OR OTHER CONNECTORS APPROVED BY THE MANUFACTURER FOR THIS APPLICATION.
  6. USE GROUND ROD CLAMP (REFERENCE NB POWER STANDARDS), U-BOLT GROUND CLAMP OR OTHER CONNECTORS APPROVED BY THE MANUFACTURER FOR THIS APPLICATION.

### 2 CONCRETE PAD 500KVA FOR 3Ø PAD MOUNTED TRANSFORMER

SCALE : N.T.S.



NOTES:

1. THE EXISTING OVERHEAD DISTRIBUTION GRID IS OWNED BY THE INSTITUTION. ALL ELECTRICAL DISTRIBUTION WORK IS IN THE SCOPE OF THIS PROJECT. COORDINATE WORK WITH INSTITUTION STAFF.
2. INSTALL AREA LIGHT AT APPROXIMATE 5.0m ABOVE GRADE.
3. CONTRACTOR TO USE NB POWER INSTALLATION STANDARDS FOR ALL 12.470V INSTALLATIONS. IN ADDITION TO NB POWER STANDARDS, CONTRACTOR IS RESPONSIBLE TO COMPLY WITH THE CANADIAN ELECTRICAL CODE CURRENT EDITION.

0	ISSUED FOR TENDER	NOV/29/2013
revisions		date
project	NEW FOOD SERVICES BUILDING WESTMORLAND INSTITUTION	
location	DORCHESTER, NB	
drawing	ELECTRICAL SITE PLAN & DETAILS	
designed	MM	conçu
date	Aug. 3, 2013	
drawn	MM	dessiné
date	Aug. 3, 2013	
approved	TL	approuvé
date	Nov. 29, 2013	
drawn by	MM	dessiné par
project number	R.061828.001	no. du projet
drawing no.	E1.1	no. du dessin