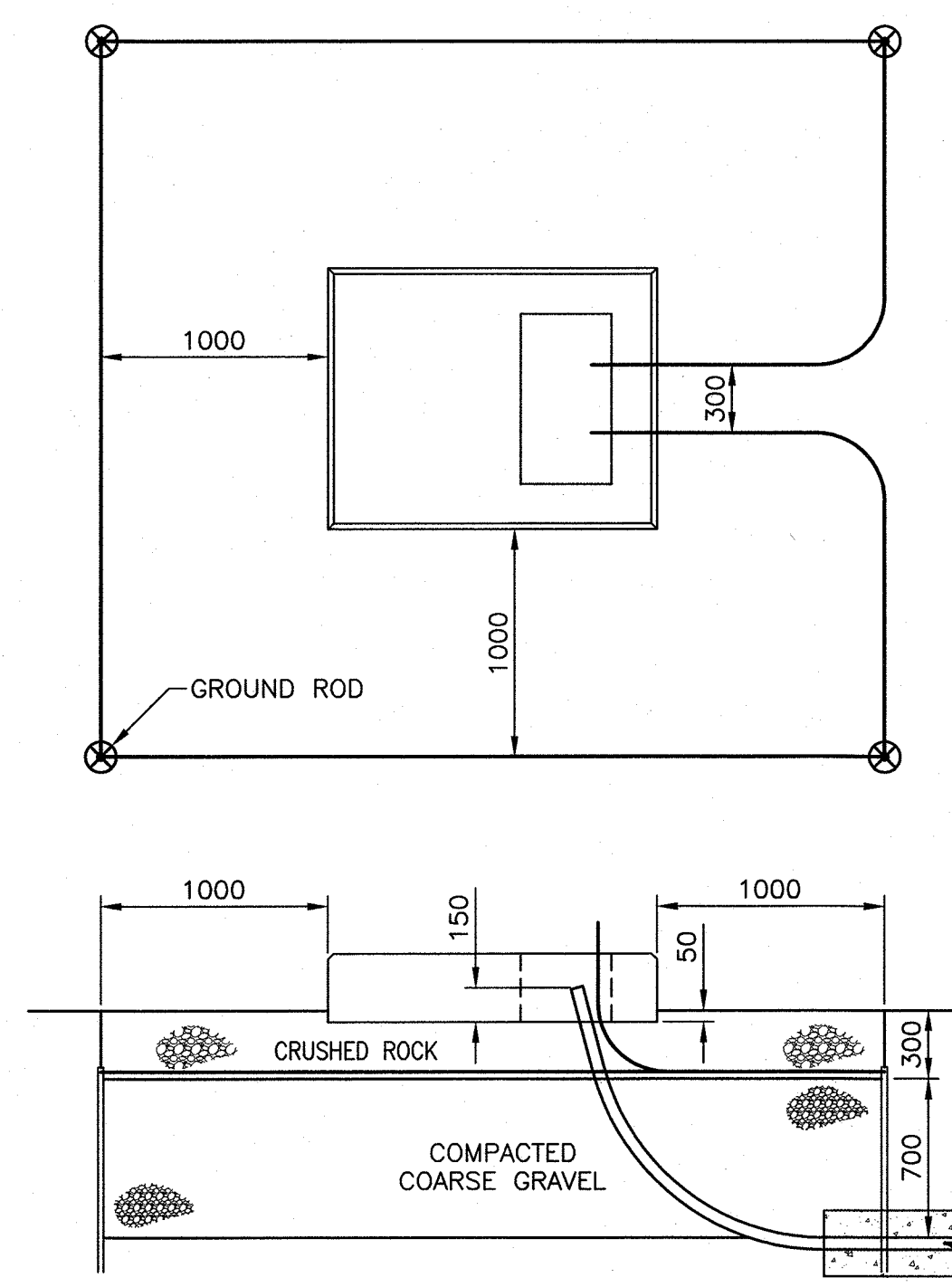
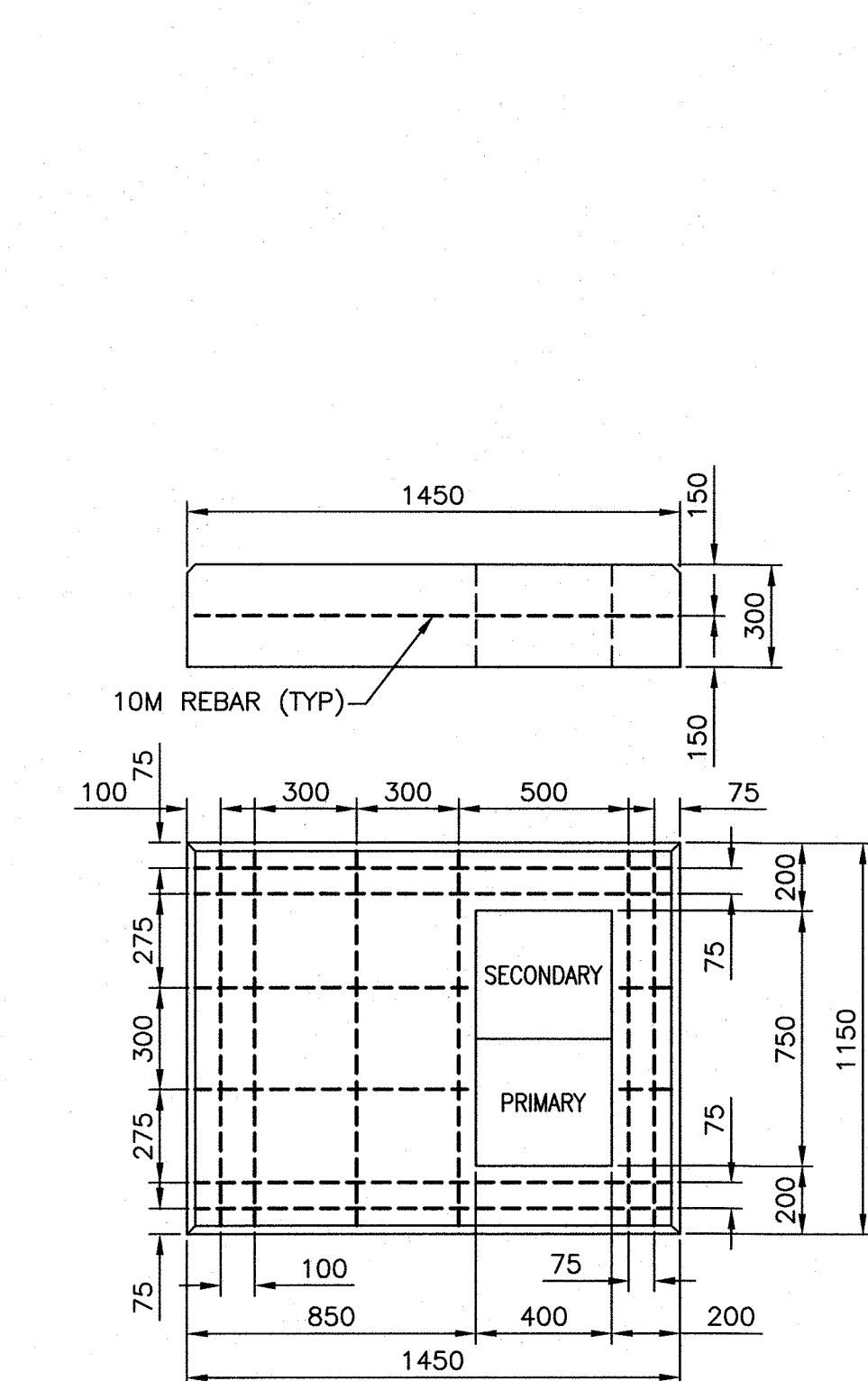


REMARKS	POWER: 120/240, 1P, 3W No. OF CCTS.: 18 PANEL: <b>PANEL P1</b> LOCATION: EXTERIOR SYM. I.C.: 10,000 AMPS MAINS: 200A AMPS FED FROM: EXISTING POLE TOP TRANSFORMER												REMARKS
	DESIGNATION	LOAD	CIR.	BKR	DESIGNATION	LOAD	CIR.	BKR	DESIGNATION	LOAD	CIR.	BKR	
	CAMPSITE No. 18		1	30	CAMPSITE No. 19		2	30	CAMPSITE No. 23		4	30	
	CAMPSITE No. 21		3	30	CAMPSITE No. 20		5	30	CAMPSITE No. 26		8	30	
	CAMPSITE No. 25		5	30	SPARE		7	30	SPARE		9	30	
	SPARE		9	30	SPARE		11	15	SPARE		13	15	
	SPARE		11	15	SPARE		13	15	SPARE		15	15	
	SPARE		13	15	SPARE		15	15	SPARE		17	15	
	SPARE		15	15	SPARE		17	15	SPARE				
	SPARE				SPARE				SPARE				
	PHASE A - TOTAL												
	PHASE B - TOTAL												
	TOTAL LOAD: _____ KW. _____ AMP.												
	REMARKS: 1. PROVIDE 200A, 100% RATED MAIN BREAKER 2. PANEL TO BE RATED FOR USE AS SERVICE EQUIPMENT												

REMARKS	POWER: 120/240, 1P, 3W No. OF CCTS.: 18 PANEL: <b>PANEL P2</b> LOCATION: EXTERIOR SYM. I.C.: 10,000 AMPS MAINS: 200A AMPS FED FROM: EXISTING POLE TOP TRANSFORMER												REMARKS
	DESIGNATION	LOAD	CIR.	BKR	DESIGNATION	LOAD	CIR.	BKR	DESIGNATION	LOAD	CIR.	BKR	
	CAMPSITE No. 1		1	30	CAMPSITE No. 3		2	30	CAMPSITE No. 7		4	30	
	CAMPSITE No. 5		3	30	CAMPSITE No. 22		6	30	CAMPSITE No. 29		8	30	
	CAMPSITE No. 20		5	30	SPARE		7	30	SPARE		9	30	
	CAMPSITE No. 24		7	30	SPARE		11	15	SPARE		13	15	
	SPARE		9	30	SPARE		13	15	SPARE		15	15	
	SPARE		11	15	SPARE		15	15	SPARE		17	15	
	SPARE		13	15	SPARE		17	15	SPARE				
	SPARE		15	15	SPARE				SPARE				
	SPARE				SPARE				SPARE				
	PHASE A - TOTAL												
	PHASE B - TOTAL												
	TOTAL LOAD: _____ KW. _____ AMP.												
	REMARKS: 1. PROVIDE 200A, 100% RATED MAIN BREAKER 2. PANEL TO BE RATED FOR USE AS SERVICE EQUIPMENT												

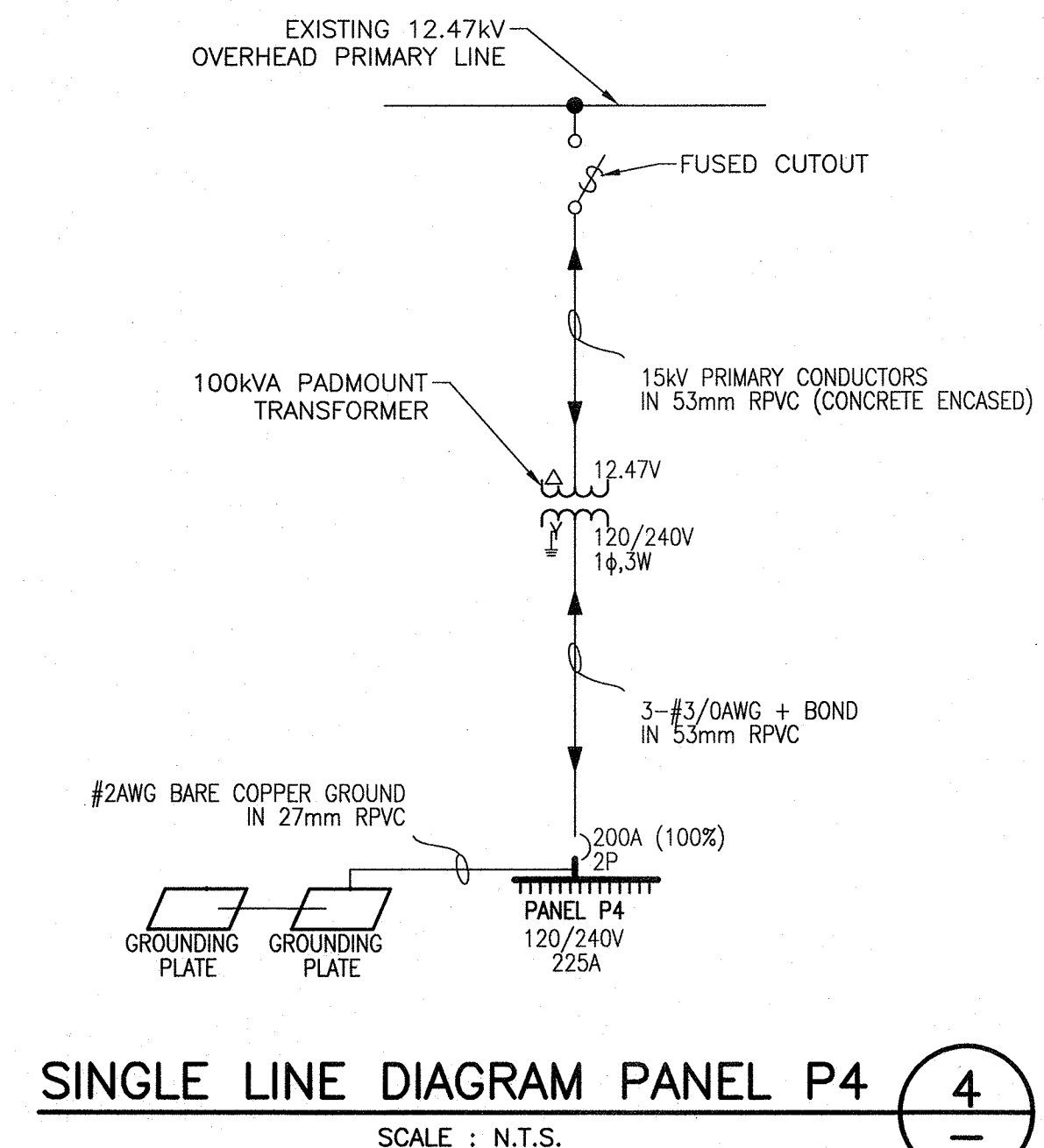
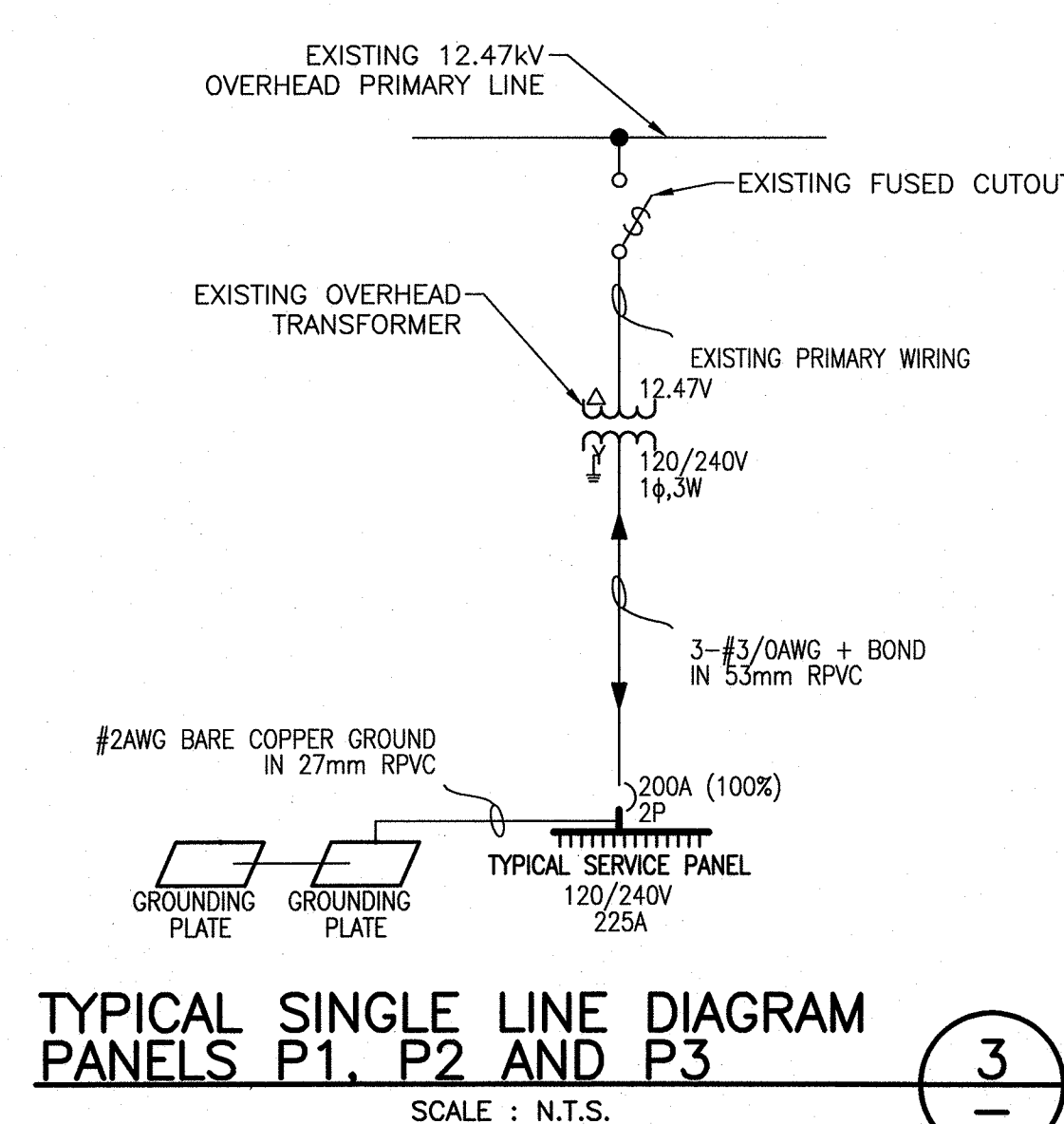
REMARKS	POWER: 120/240, 1P, 3W No. OF CCTS.: 18 PANEL: <b>PANEL P3</b> LOCATION: EXTERIOR SYM. I.C.: 10,000 AMPS MAINS: 200A AMPS FED FROM: EXISTING POLE TOP TRANSFORMER												REMARKS
	DESIGNATION	LOAD	CIR.	BKR	DESIGNATION	LOAD	CIR.	BKR	DESIGNATION	LOAD	CIR.	BKR	
	CAMPSITE No. 8		1	30	CAMPSITE No. 9		2	30	CAMPSITE No. 11		4	30	
	CAMPSITE No. 10		3	30	CAMPSITE No. 13		6	30	CAMPSITE No. 15		8	30	
	CAMPSITE No. 12		5	30	CAMPSITE No. 17		10	30	SPARE		12	30	
	CAMPSITE No. 14		7	30	SPARE		13	15	SPARE		15	15	
	CAMPSITE No. 16		9	30	SPARE		15	15	SPARE		17	15	
	SPARE		11	30	SPARE		17	15	SPARE				
	SPARE		13	15	SPARE				SPARE				
	SPARE		15	15	SPARE				SPARE				
	SPARE		17	15	SPARE				SPARE				
	PHASE A - TOTAL												
	PHASE B - TOTAL												
	TOTAL LOAD: _____ KW. _____ AMP.												
	REMARKS: 1. PROVIDE 200A, 100% RATED MAIN BREAKER 2. PANEL TO BE RATED FOR USE AS SERVICE EQUIPMENT												

REMARKS	POWER: 120/240, 1P, 3W No. OF CCTS.: 18 PANEL: <b>PANEL P4</b> LOCATION: EXTERIOR SYM. I.C.: 10,000 AMPS MAINS: 200A AMPS FED FROM: NEW PADMOUNT TRANSFORMER												REMARKS
	DESIGNATION	LOAD	CIR.	BKR	DESIGNATION	LOAD	CIR.	BKR	DESIGNATION	LOAD	CIR.	BKR	
	CAMPSITE No. 2		1	30	CAMPSITE No. 4		2	30	CAMPSITE No. 27		4	30	
	FUTURE SERVICE BUILDING POST		3	30	CAMPSITE No. 30		6	30	SPARE		8	30	
	CAMPSITE No. 28		5	30	SPARE		7	60	SPARE		9	2P	
	PRO SHOP		7	60	SPARE		11	30	SPARE		13	15	
	SPARE		9	2P	SPARE		15	15	SPARE		17	15	
	SPARE		11	30	SPARE		17	15	SPARE				
	SPARE		13	15	SPARE				SPARE				
	SPARE		15	15	SPARE				SPARE				
	SPARE		17	15	SPARE				SPARE				
	PHASE A - TOTAL												
	PHASE B - TOTAL												
	TOTAL LOAD: _____ KW. _____ AMP.												
	REMARKS: 1. PROVIDE 200A, 100% RATED MAIN BREAKER 2. PANEL TO BE RATED FOR USE AS SERVICE EQUIPMENT												



- NOTES:
- ROCK FILL SHALL BE WELL COMPACTED
  - EXCAVATE AN AREA EQUAL TO THE SIZE OF THE PAD PLUS 1m ON ALL SIDES BY 1m DEEP AND DISPOSE OF THE BACKFILL.
  - INSTALL FOUR 19mm x 3m GROUND RODS OR FOUR GROUND PLATES OF NOT LESS THAN 0.2m<sup>2</sup> EACH AND BURIED TO A MINIMUM DEPTH OF 600mm BELOW THE CRUSHED ROCK.
  - BACKFILL THE EXCAVATION TO WITHIN 300mm OF FINAL GRADE WITH COARSE GRAVEL.
  - INSTALL A LOOP OF 2/0AWG BARE COPPER AS SHOWN, CONNECTED TO THE FOUR GROUND RODS WITH GROUND ROD CLAMPS, U-BOLT CONNECTORS OR OTHER CONNECTORS APPROVED BY THE MANUFACTURER FOR THIS APPLICATION.
  - BACKFILL THE EXCAVATION TO WITHIN 50mm OF FINAL GRADE WITH CRUSHED ROCK 19mm TO 10mm GRADE.
  - AFTER THE CONCRETE HAS SET, REMOVE THE FORMS AND BACKFILL WITH 50mm OF CRUSHED ROCK.

**TRANSFORMER PAD GROUNDING**  
SCALE: N.T.S.



0	ISSUED FOR TENDER	APR 25 2017
revisions		date
project		projet

**HEADQUARTERS & WOLFE LAKE CAMPGROUNDS**  
**FUNDY NATIONAL PARK**  
**ALMA, NB**  
ALBERT COUNTY, NB

drawing dessin

**ELECTRICAL DETAILS 2**

designed	M. MELANSON	conçu
date	FEB 24/2017	
drawn	M. MELANSON	dessiné
date	FEB 24/2017	
approved		approuvé
date		
Tender		Soumission
PWGSC Project Manager	Randy L. O'Connor	Administrateur de projets TPSGC
project number		no. du projet
	<b>R.086534.001</b>	
drawing no.		no. du dessin
	<b>E3</b>	

