



SWITCHGEAR MODEL		VOLTAGE LEVEL	DIMENSIONS (mm)			B.H. PART NO.
			A	B	C	
S & C FEDERAL PACIFIC	PMH 9	15 KV	1624	1878	1200	B042
	PMH 9	25 KV	1981	2158	1219	B090
	PMH 10	25 KV	1981	2158	1219	B090
G & W	PVI 9	25 KV	1981	2158	1219	B090
	PVI 10	25 KV	1981	2158	1219	B090

NOTE:-

- FOUNDATIONS TO BE PRECAST CONCRETE PAD . REFER TO TABLE FOR ACTUAL DIMENSIONS.
- EXCAVATE 1.5m DEEP X 4.0m WIDE X 4.0 m LONG IN LOCATION AS STAKED BY HYDRO ONE BRAMPTON PERSONNEL. PROTECT THE EXCAVATED AREA WITH 16m X 1.5m HIGH SNOW FENCE WITH 4-25mm 'T' BARS.
- REMOVE ALL LOOSE MATERIAL FROM THE FLOOR OF THE EXCAVATION AND FILL TO THE FINISHED GRADE OF BEDDING WITH 300mm OF 20mm CLEAR ROUND STONE . WHERE GROUND CONDITIONS REQUIRE AN EXTRA DEEP EXCAVATION, THE CLEAR ROUND STONE IS TO BE PLACED IN 150mm LAYERS . THE BEDDING MUST BE LEVEL IN ALL DIRECTIONS AT THE FINISHED GRADE AS SPECIFIED AND APPROVED BY HYDRO ONE BRAMPTON PERSONNEL.
- PLACE BACKFILL CONSISTING OF CLEAN EARTH, SAND OR PEA GRAVEL IN THOROUGHLY COMPACTED LAYERS.
- SURFACE AREA AROUND TOP OF FOUNDATION TO BE RESTORED TO ORIGINAL SITE CONDITIONS TO THE SATISFACTION OF HYDRO ONE BRAMPTON PERSONNEL.
- INSTALL GROUND RODS AND GROUND LOOPS AS PER STD. 41-12. FILL LIFTING HOLES WITH 50mm DUCT PLUGS.
- 125mm PIPE TO BE CAPPED AT STREETLINE FOR FUTURE EXTENSION. MINIMUM PIPE DEPTH 1.6m FROM FINAL GRADE.
- EXTENSION OF 125mm PVC PIPE, 125mm PERFORATED PIPE AND INSTALLATION OF P-TRAP TO BE COMPLETED BY APPROVED HYDRO ONE BRAMPTON CONTRACTOR.
- REFER TO STD. 37-380 AND 41-25 FOR INSTALLATION OF GUARD POST.

CHECKED: *W. Ron*

APPROVED: *O. H. H. A.*

**INSTALLATION OF SWITCHGEAR
FOUNDATION BASE**