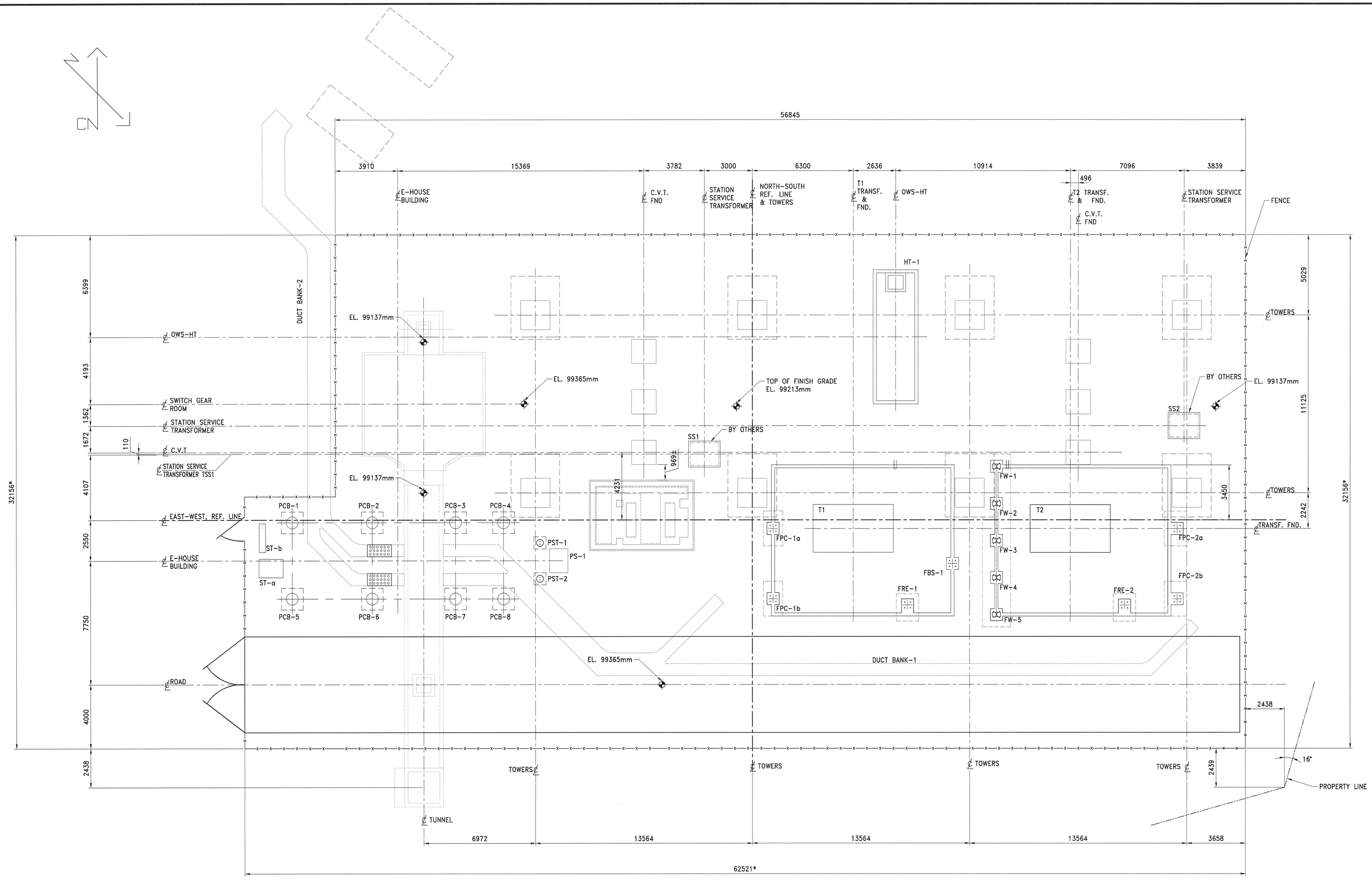


FTG MARK	DESCRIPTION	DETAIL DWG. No.	FTG TYPE	ANCHOR BOLTS QTY	TYPE	SIZE	REMARKS
PITS FOR "T1&T2"	115kV AREA CONC. & REINF. DETAILS FOUNDATION	F1731664-100-F003 & F004	FORMED	–	–	–	–
FW-1 TO 5	115kV AREA FIREWALL FOUNDATION IN THE PIT FOR "T2" CONC. & REINF. DETAILS FOUNDATION	F1731664-100-F004	FORMED	20	–	1 1/2"ø (38mm) A/B	4-A/B PER FND.
FPC-1a,1b & 2a, 2b	115/13.8kV STATION FOUNDATION FOR POWER CABLE SUPPORTS IN THE PITS CONC. & REINF. DETAILS FOUNDATION	F1731664-100-F003 & F004	FORMED	16	–	1 1/4"ø (32mm) A/B	4-A/B PER FND. 2 FTGS PER FND.
FBS-1	115/13.8kV STATION FOUNDATION FOR BUS SUPPORT IN THE PIT "T1" CONC. & REINF. DETAILS FOUNDATION	F1731664-100-F003	FORMED	4	–	1 1/4"ø (32mm) A/B	4-A/B PER FND
FRE-1&2	115/13.8kV STATION FND FOR NEUTRAL REACTOR BUS SUPP. CONCRETE FTG.	F1731664-100-F003 & F004	FORMED	8	–	1 1/4"ø (32mm) A/B	4-A/B PER FND.
HT-1	115/13.8kV STATION CAST-IN-PLACE OIL WATER SEPARATOR CONC. & REINF. DETAILS FOUNDATION	F1731664-100-F008	FORMED	–	–	–	–

FTG MARK	DESCRIPTION	DETAIL DWG. No.	FTG TYPE	ANCHOR BOLTS QTY	TYPE	SIZE	REMARKS
DUCT BANK-1 & 2	115/13.8kV STATION DUCT BANKS PLAN, ELEV. & SECTIONS CONC. & REINF. DETAILS FOUNDATION	F1731664-100-F005 & F006	FORMED	–	–	–	–
SS1 & SS2	115/13.8kV STATION VAULTS FOR SUBSTATION SERVICE TRANSFORMER	–	PRE-CAST	–	–	–	BY OTHERS
PCB-1 TO 8	115/13.8kV STATION E-HOUSE BLDG FOOTINGS CONC. & REINF. DETAILS FOUNDATION	F1731664-100-F002	FORMED	8	–	3/4"ø (19mm)	HILTI KB3 3/4" X8 1 A/B PER FTG
PST-1&2	E-HOUSE BLDG FRONT & REAR ENTRANCE PLATFORMS FOOTINGS CONC. & REINF. DETAILS FOUNDATION	F1731664-100-F002	FORMED	4		3/4"ø (19mm)	HILTI HSL-M20/30 2 PER PST
PS-1				–	–	–	–
ST-1a				–	–	–	–
ST-1b				4		3/4"ø (19mm)	HILTI HSL-M20/30 4 PER ST-1b
LINE POST FOOTINGS	115/13.8kV STATION STATION FENCE & FOOTINGS CONC. & DETAILS FOUNDATION	F1731664-100-F007	FORMED	–	–	–	57 LINE POST FTGS REQ'D
CORNER/ GATE POST FOOTINGS				–	–	–	6 CORNER POST FTG REQ'D 2 GATE POST FTGS REQ'D
HOLD BACK FOOTING				–	–	–	1 HOLD BACK FTG REQ'D

NOTES :

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
2. DIMENSIONS MARKED WITH '*' HAVE BEEN SOFT CONVERTED TO THE NEAREST MILLIMETER.

REFERENCE DRAWINGS:

1. GENERAL LAYOUT & DETAILS ----------1796-D-C1
2. LAYOUT AND ELEVATIONS ----------1796-D-E4
3. 115/13.8kV STATION STEEL KEY PLAN & LIST STRUCTURE ---F1731664-200-S001
4. 115/13.8kV STATION BASIC LAYOUT ELECTRICAL ARRANGEMENT ---F1731664-300-EA001
5. 115/13.8kV STATION FENCE & FENCE & FOOTINGS CONC. & REINF. DETAILS FOUNDATION ---F1731664-100-F007

LEGEND

EXISTING FND
NEW FND
REF. LINE
CENTER LINE
FENCE

KEY PLAN :

PROFESSIONALS :

N°	DATE	TRANSMISSION	BY ENG
00	2018/09/27	RELEASED FOR CONSTRUCTION	SYW

SMi THE S.M. GROUP INTERNATIONAL INC.
6205B Airport rd. Suite 205, Mississauga (Ontario) L4V 1E3
Tel. : 905 677 9009 / Fax. : 905 677 9014
www.groupsmi.com

STAMP :

LICENSED PROFESSIONAL ENGINEER
S.Y. WANG
100139367
PROVINCE OF ONTARIO

CLIENT :

PROJECT :

MCMASTER UNIVERSITY-NF91

TITLE :

115/13.8kV STATION FOUNDATION KEY PLAN. & LIST. FOUNDATION

PREPARED BY : S.Y. WANG	DATE : 2018-09-27
DRAWN BY : G. TUDELA	SCALE : 1:100
VERIFIED BY : Z. WANG	DISCIPLINE : FOUNDATION
APPROVED BY : S.Y.WANG	CAD FILE NAME : F1731664-100-F001.dwg

PROJECT No.	LOT	DWG. #	REV.	PAGE
F1731664	100	F001	00	

A0