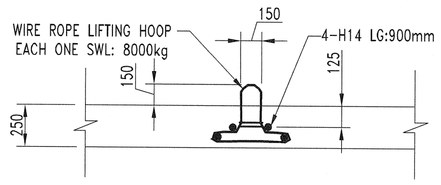
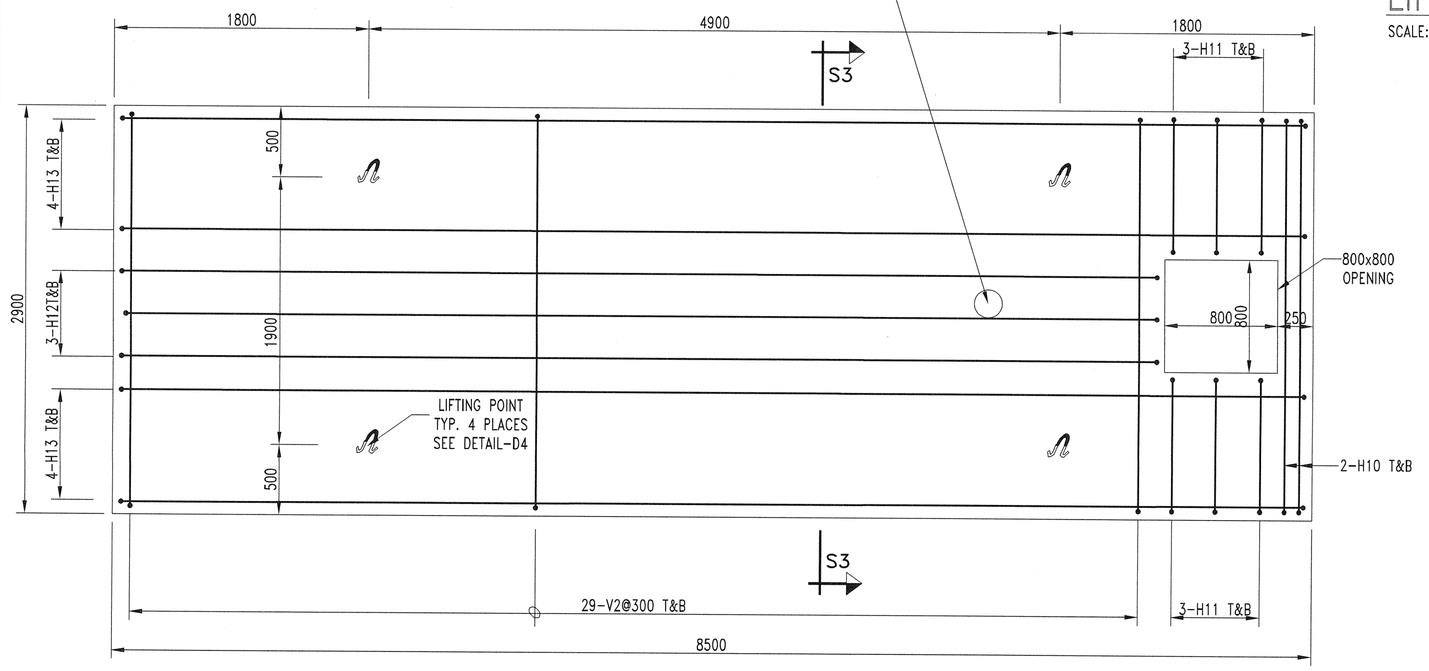


S3
SCALE: 1:30

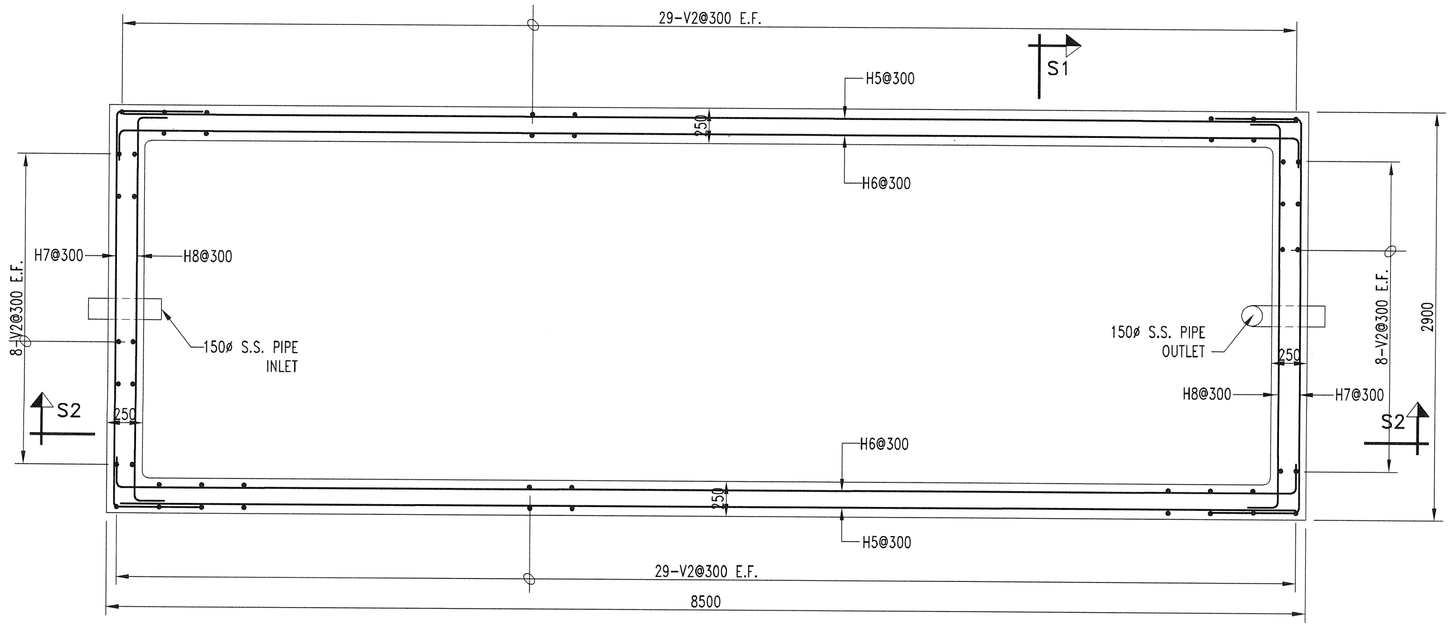


DETAIL-D4
LIFTING POINT (4 PLACES)
SCALE: 1:30

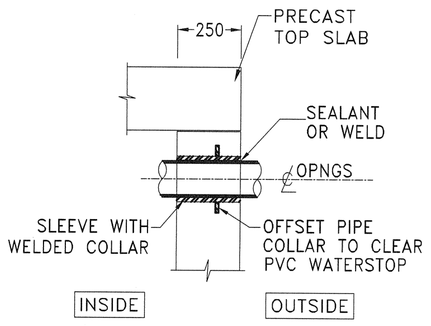
NOTES:
1. TOP SLAB WEIGHT IS ABOUT 16000kg.
2. USING A LIFTING BEAM AND TWO PAIRS OF ANCHORS SET OUT SYMMETRICALLY.



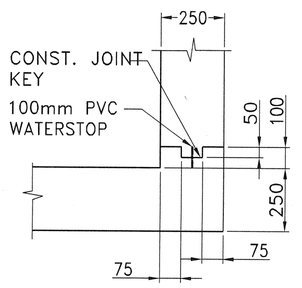
TOP SLAB PLAN
SCALE: 1:30



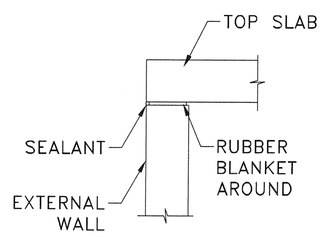
BASE PLAN
SCALE: 1:30



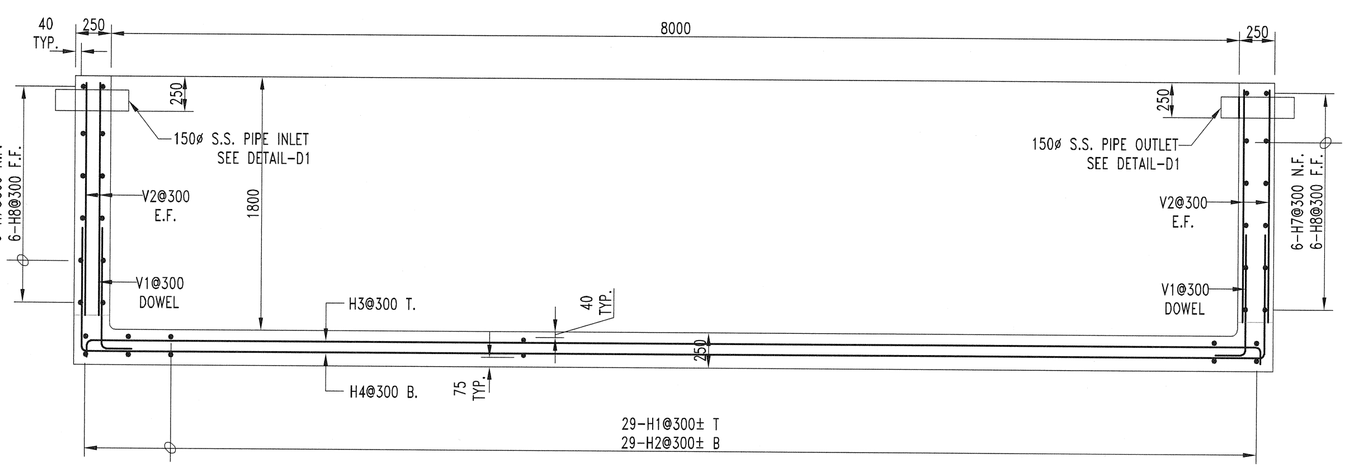
D1
SCALE: 1:20



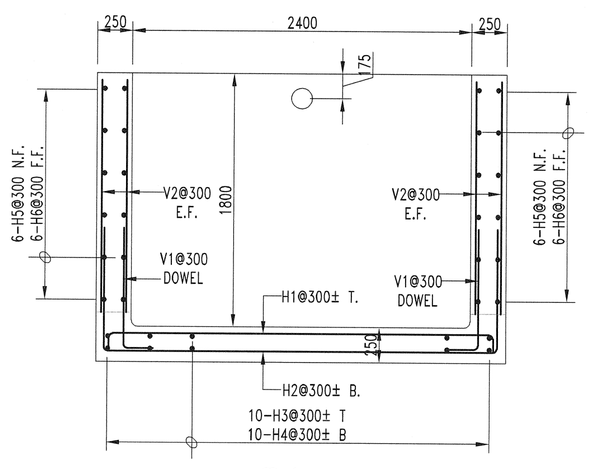
D2
SCALE: 1:20



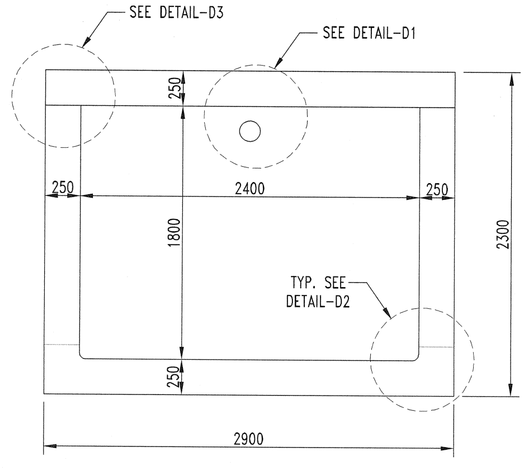
D3
SCALE: 1:20



S2
SCALE: 1:30



S1
SCALE: 1:30



E1
SCALE: 1:30

TOTAL VOL. OF CONC (m³): 19.7

BILL OF MATERIAL OF CONCRETE AND STEEL REINFORCING

REINFORCING STEEL FOR ONE FOUNDATION

ITEM'NAME	H (mm)	MARK	REQ'D	SIZE	LENGTH (mm)	TYPE	DIMENSIONS A	B	C	D	E	G	O
HT-1	2300	V1	74	15M	1080	17		210	870				
		V2	148	15M	1660	–			1660				
		H1	29	15M	3060	17		130	2800	130			
		H2	29	15M	4540	17		870	2800	870			
		H3	10	15M	8660	17		130	8400	130			
		H4	10	15M	10140	17		870	8400	870			
		H5	12	15M	8400	–			8400				
		H6	12	15M	8820	17		210	8400	210			
		H7	12	15M	3980	17		600	2780	600			
		H8	12	15M	3200	17		210	2780	210			
		H10	54	15M	3200	17		130	2780	130			
		H11	12	15M	1210	17		130	950	130			
		H12	6	15M	7590	17		130	7350	130			
		H13	16	15M	8660	17		130	8400	130			
		H14	16	15M	900	–			900				

1 OIL WATER SEPARATOR (HT-1) REQUIRED.

NOTE: FOR REBAR LONGER THAN 6m, IF IT IS NECESSARY REBAR COULD BE SPLIT INTO 2 PARTS WITH 600mm LAP FOR 15M.

BOM FOR REFERENCE ONLY

GENERAL NOTES:

REFER TO DWG. F1731664-100-F003

REFERENCE DRAWINGS:

1. 115/13.8kV AREA DRAINAGE & SPILL CONTAINM. SYSTEM PLAN & DETAILS CIVIL F1731664-075-CV001
2. 115/13.8kV STATION FOUNDATION KEY PLAN & LIST FOUNDATION F1731664-100-F001
3. 115/13.8kV STATION BASIC LAYOUT ELECTRICAL ARRANGEMENT F1731664-300-EA001

LEGEND:

1. T.O.C: TOP OF CONCRETE
2. C.C.: CONCRETE CLEAR COVER
3. T.&B.: TOP & BOTTOM
4. E.F.: EACH FACE
5. L.G.: LENGTH

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

THE S.M. GROUP INTERNATIONAL INC.
6205 Airport rd, Mississauga (Ontario) L4V 1T2
Tel.: 905 677.9009 / Fax.: 905 677.9014
www.groupesm.com

STAMP :

LICENSED PROFESSIONAL ENGINEER
S.Y. WANG
100139367
2018/9/27
PROVINCE OF ONTARIO

CLIENT :

PROJECT :

MCMASTER UNIVERSITY-NF91

TITLE :

115/13.8kV STATION
CAST-IN-PLACE OIL WATER SEPARATOR "HT-1" CONC. & REINF. DETAILS FOUNDATION

PREPARED BY : S.Y. WANG	DATE : 2018-09-27
DRAWN BY : Z. ZANG	SCALE : AS SHOWN
VERIFIED BY : Z. WANG	DISCIPLINE : 100
APPROVED BY : S.Y. WANG	CAD FILE NAME F1731664-100-F008.dwg

PROJECT No: F1731664 | LOT: 100 | DWG. #: F008 | REV: 00 | PAGE :

A1