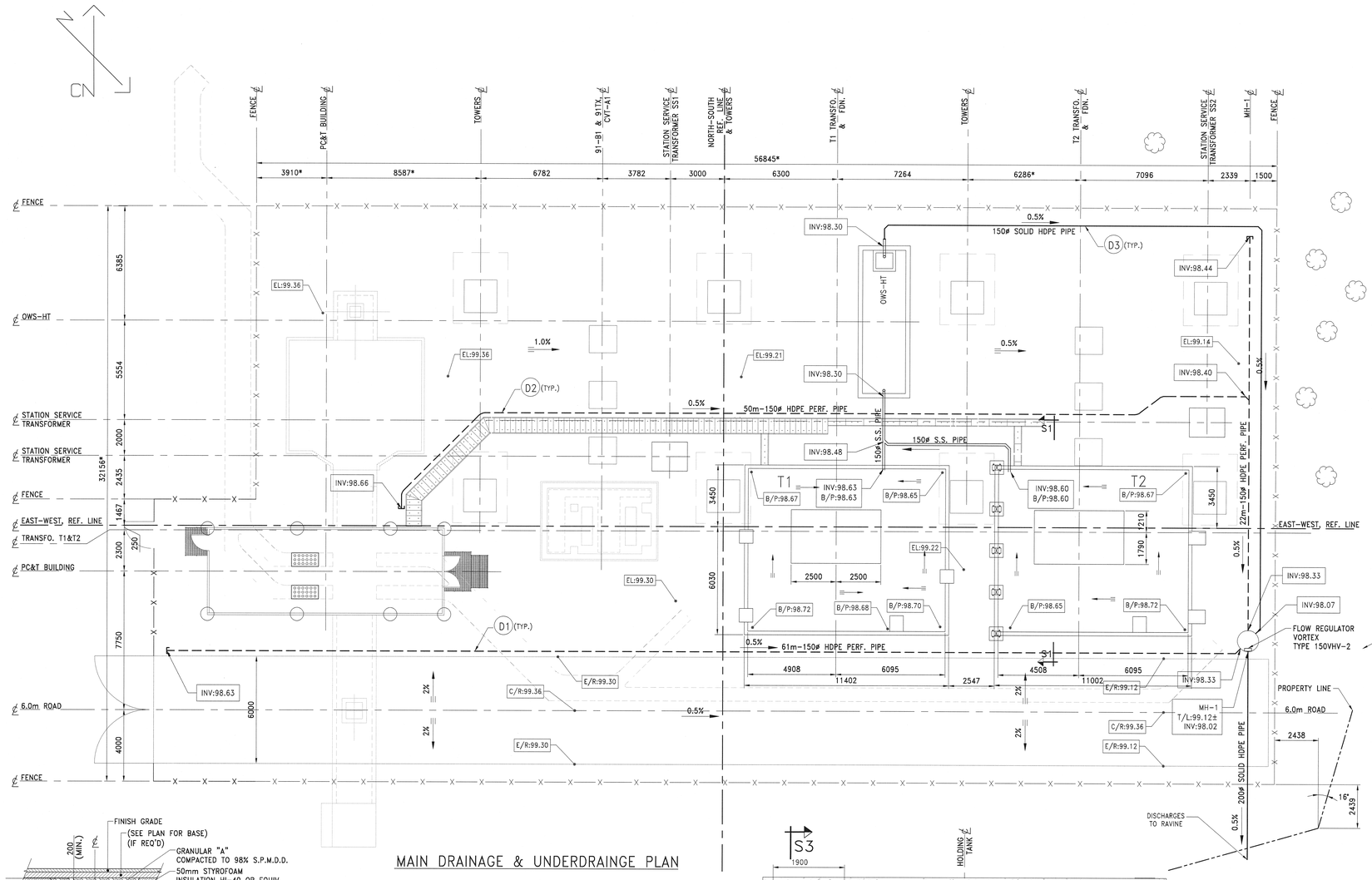


MAIN DRAINAGE & UNDERDRAINGE PLAN

LEGEND

EXISTING

- GRASS AREA
- WOODEN POLE
- GUY WIRE
- EXIST. CATCH BASIN
- CHAIN-LINK FENCE
- EDGE OF GRAVEL/SHOULDER ROAD
- ROAD CENTERLINE
- CONCRETE FOUNDATION OUTLINE
- TOP OF BANK
- DITH CL & FLOW DIRECTION
- PROPERTY LINE
- TREE & DRIPLINE (TO RETAIN)

PROPOSED

- TOP OF CONCRETE — T/C
- BOTTOM OF PIT — B/P
- TOP OF STONE — T/S
- TOP OF LID — T/L
- BOTTOM OF DITCH — B/D
- TOP OF BANK — TOB
- STAINLESS STEEL PIPE — S.S.
- MAINTENANCE HOLE — MH
- CATCH BASIN — CB
- OIL WATER SEPARATOR — OWS
- MAINTENANCE HOLE — MH
- STORM SEWER PIPE LENGTH/DIA./MATERIAL/% SLOPE — XXm-ø-MAT'L @ X.X%
- STAINLESS STEEL PIPE
- HDPE SOLID PIPE
- HDPE PERF. PIPE
- SURFACE SLOPE — X.X%
- CONCRETE FOUNDATION OUTLINE
- EDGE OF GRAVEL
- TOP OF BANK
- DITH CL & FLOW DIRECTION
- RIP-RAP
- MAINTENANCE HOLE INFORMATION: ID: MH XX; TOP OF LID: T/L: XX.XX; INVERT OF OUTLET: INV: XX.XX

NOTES :

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. DIMENSIONS IDENTIFIED * SHALL BE VERIFIED ON SITE.

REFERENCE DRAWINGS:

1. 115/13.8KV STATION
   BASIC LAYOUT
   ELECTRICAL ARRANGEMENT ---- F1731664-300-EA001
2. 115/13.8KV STATION
   FINAL GRADE & ROAD PLAN
   PLANVIEW & SECTIONS
   CIVIL ---- F1731664-075-CV002
3. GENERAL LAYOUT & DETAIL ---- 1796-D-C1

KEY PLAN:

PROFESSIONALS

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

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

STAMP :

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

CLIENT :

PROJECT :

MCMASTER UNIVERSITY–NF91

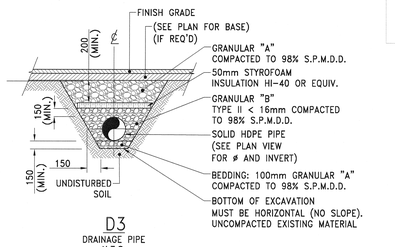
TITLE :

115/13.8 kV STATION
DRAINAGE & SPILL CONTAINM. SYSTEM PLAN & DETAILS
CIVIL

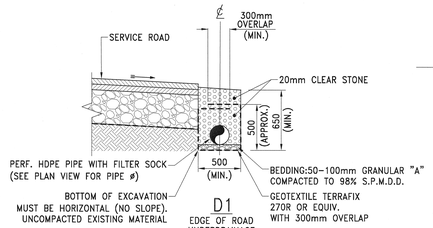
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DRAWN BY : Z.WANG	SCALE : 1:100
VERIFIED BY : S.Y. WANG	DISCIPLINE : CIVIL
APPROVED BY : S.Y. WANG	CAD FILE NAME : F1731664-100-CV001.dwg

PROJECT No:	LOT:	DWG. #	REV:	PAGE :
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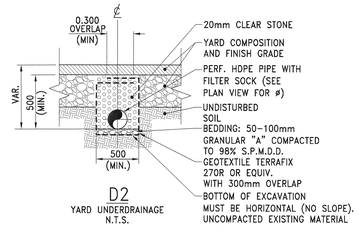
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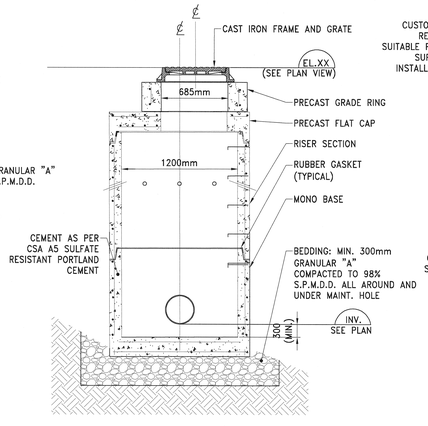
D3
DRAINAGE PIPE
N.T.S.



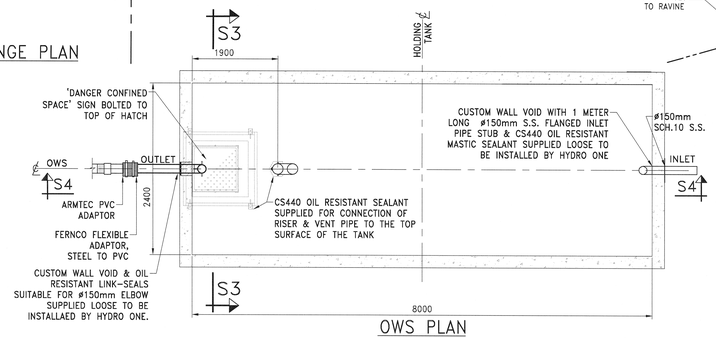
D1
EDGE OF ROAD UNDERDRAINAGE
N.T.S.



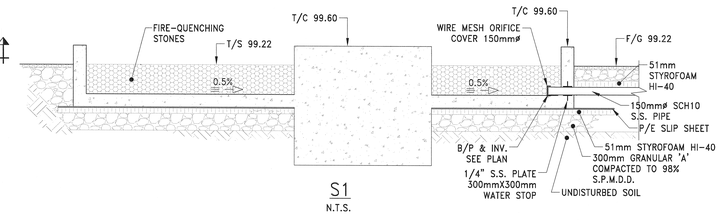
D2
YARD UNDERDRAINAGE
N.T.S.



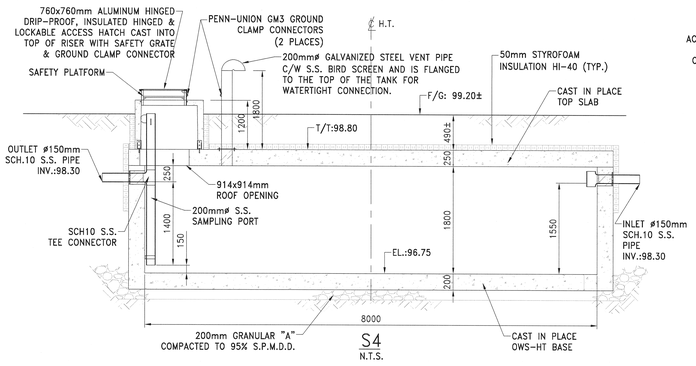
D4
1200mm MAINTENANCE HOLE
N.T.S.



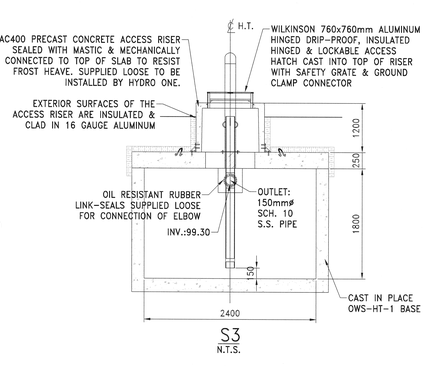
OWS PLAN
N.T.S.



S1
N.T.S.



S4
N.T.S.



S3
N.T.S.