GENERAL CONSTRUCTION NOTES

1. CONTRACTOR TO CARRY OUT WORKS PER THE CURRENT CITY OF OTTAWA STANDARD DRAWINGS AND SPECIFICATIONS AND PER THE ONTARIO PROVINCIAL STANDARD DRAWINGS AND SPECIFICATIONS.
2. CONTRACTOR TO READ THE SITE'S SERVICING DESIGN PLAN IN CONJUNCTION WITH THE LATEST SITE SERVICING REPORT, PREPARED BY J.L. RICHARDS & ASSOCIATES LIMITED, FOR THE PROPOSED CONSTRUCTION WORKS.
3. ALL SOIL DISPOSAL FROM SITE TO BE COORDINATED WITH THE HYDRO ONE ENVIRONMENTAL TEAM.
4. THE NOMINAL DIAMETER OF PIPES ARE REFERRED TO IN PLAN VIEW.
5. CONTRACTOR RESPONSIBLE FOR OBTAINING ALL SITE UTILITY LOCATES BEFORE CONSTRUCTION.
6. CONTRACTOR RESPONSIBLE FOR ALL EXCAVATION, BACKFILL AND REINSTATEMENT OF ALL AREAS DISTURBED DURING CONSTRUCTION AND ANY ASSOCIATED WORKS TO THE SATISFACTION OF THE ENGINEER AND CITY OF OTTAWA.
7. SEPTIC SYSTEM (TREATMENT TANKS & LEACHING BED) PER WSP GOLDER'S - NEW SEPTIC DESIGN - TECHNICAL MEMORANDUM (SEPT. 2022).
8. ALL CONNECTIONS TO EXISTING WELL TO BE IN ACCORDANCE WITH THE CITY OF OTTAWA DESIGN GUIDELINES. CONTRACTOR TO PROVIDE EXCAVATION BACKFILLING, COMPACTION AND REINSTATEMENTS, IN ACCORDANCE WITH THE LATEST GEOTECHNICAL INVESTIGATION PREPARED BY GOLDER ASSOCIATES FOR THE SITE.
9. CONTRACTOR RESPONSIBLE FOR DETERMINING, VIA EXCAVATION, THE EXACT LOCATION AND ELEVATION OF THE EXISTING UNDERGROUND UTILITIES AND STRUCTURES AS REQUIRED FOR ALL PROPOSED CONNECTIONS, RELOCATIONS, AND BLANKINGS.
10. FOR ALL PROPOSED CONNECTION POINTS (IF ANY), THE CONTRACTOR IS RESPONSIBLE FOR THE REINSTATEMENT OF ALL SURFACES TO EXISTING CONDITIONS OR BETTER. PAVEMENT STRUCTURE RESTORATION (FRANK KENNEY ROAD) SHALL BE PER CITY OF OTTAWA STANDARDS. THE THICKNESS OF GRANULAR AND ASPHALT LAYERS SHALL MATCH EXISTING.
11. CONTRACTOR RESPONSIBLE FOR VERIFYING THAT THE SITE BENCHMARK(S) HAVE NOT BEEN ALTERED OR DISTURBED AND THAT THEIR RELATIVE ELEVATION(S) AND DESCRIPTION(S) AGREE WITH THE INFORMATION DEPICTED ON THE PLAN.
12. CONTRACTOR TO MATCH EXISTING ELEVATIONS AT PROPERTY LIMITS AND ENSURE POSITIVE DRAINAGE TOWARDS A SUITABLE OUTLET, WHETHER INDICATED OR NOT ON THE PLANS.
13. CONTRACTOR TO PROVIDE ALL PAVEMENT MARKINGS AS SHOWN, INCLUDING HANDICAPPED PARKING SYMBOLS.
14. ALL GROUNDWATER PUMPED FROM THE SITE TO BE METERED AND A PERMIT TO TAKE WATER OBTAINED AS APPLICABLE.
15. PAVEMENT DESIGN TO BE PER THE SITE'S GEOTECHNICAL INVESTIGATION REPORT (SEPT. 2022), PREPARED BY GOLDER ASSOCIATES LDT. (21493887):

LIGHT-DUTY PAVEMENT STRUCTURE (CAR PARKING AREAS):

50 MM - H.L. 3 SURFACE COURSE OR 12.5 SUPERPAVE

150 MM - BASE - OPSS GRANULAR A

450 MM - SUBBASE - OPSS GRANULAR B TYPE II

HEAVY-DUTY PAVEMENT STRUCTURE (ACCESS LANES AND PAVED TRUCK TRAFFIC AREAS):

40 MM - H.L. 3 SURFACE COURSE OR 12.5 SUPERPAVE

50 MM - H.L. 8 BINDER COURSE OR 19.0 SUPERPAVE

150 MM BASE - OPSS GRANULAR A

450 MM SUBBASE - OPSS GRANULAR B TYPE II

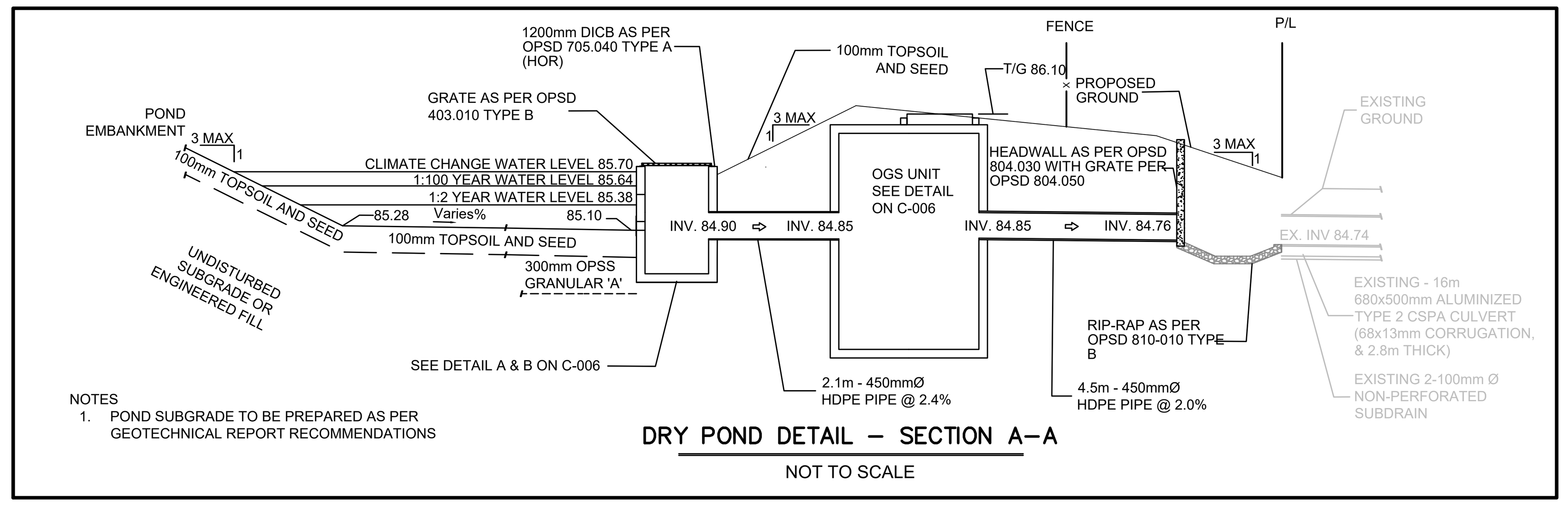
GRANULAR TRAFFIC AREAS (UNPAVED ACCESS LANES AND TRUCK TRAFFIC AREAS):

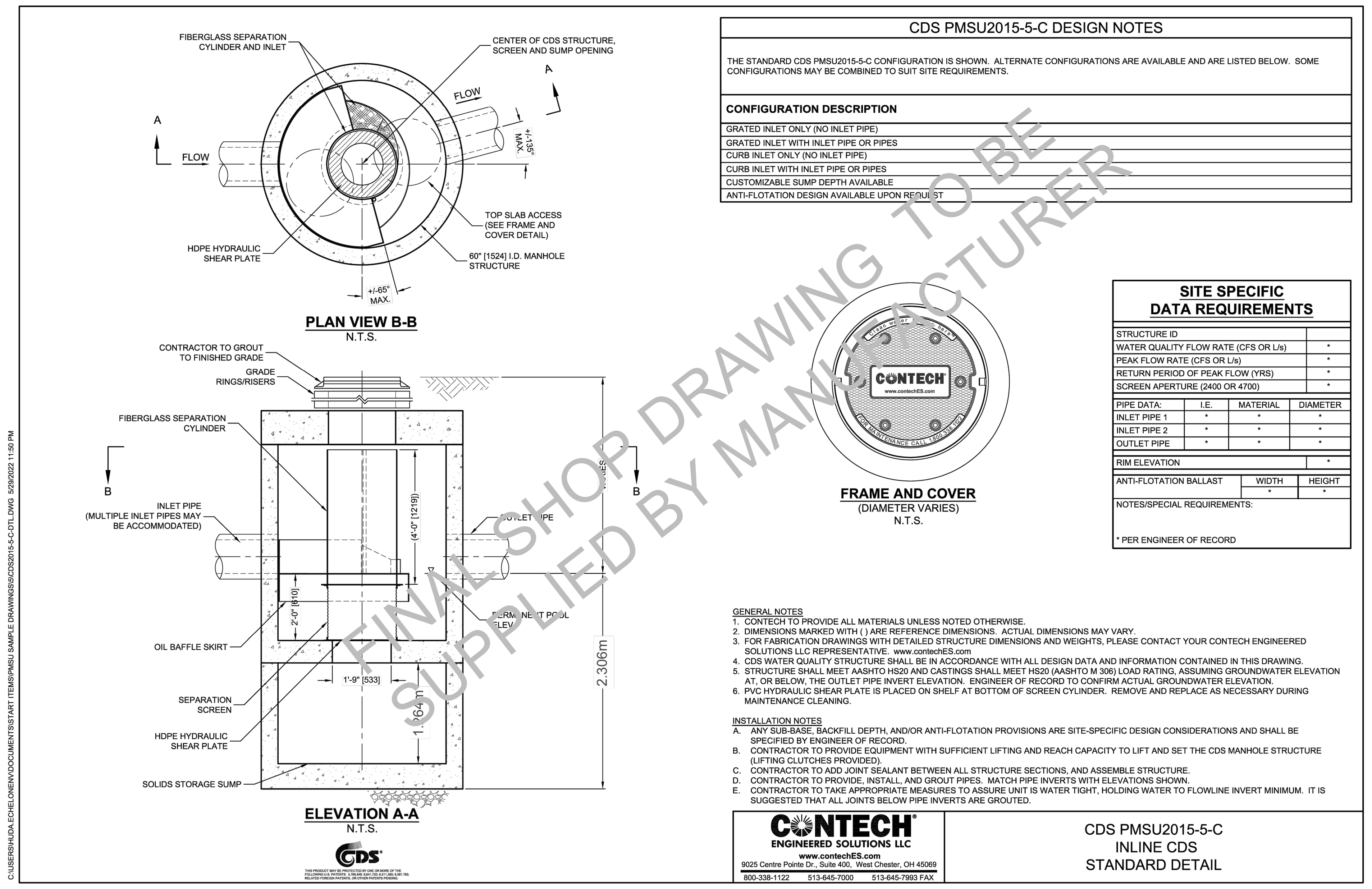
250 MM BASE - OPSS GRANULAR A

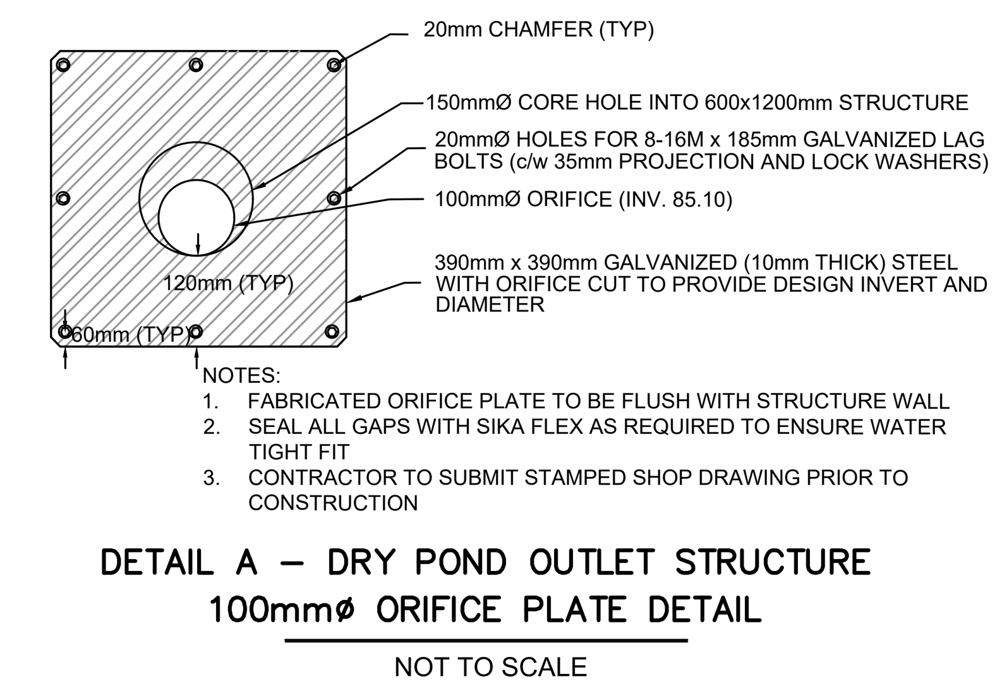
450 MM SUBBASE - OPSS GRANULAR B TYPE II

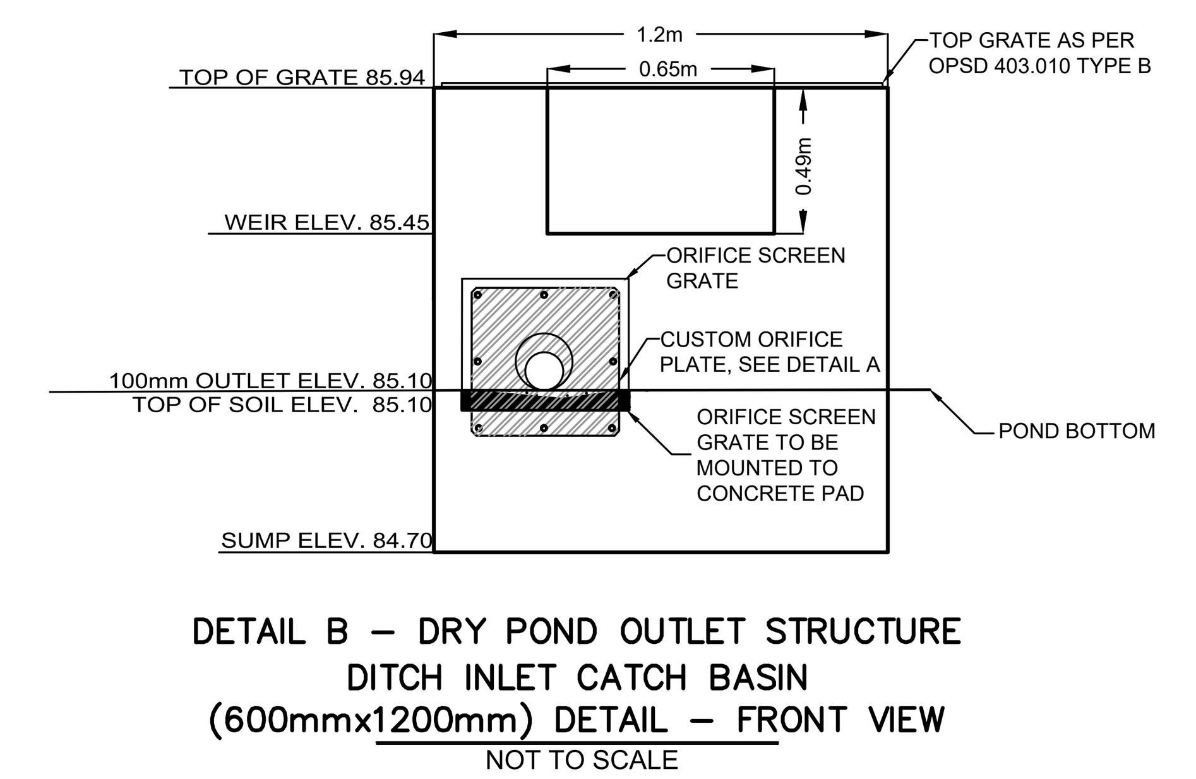
16. CONTRACTOR TO ENSURE ALL PROPOSED PAVEMENT AREAS ARE PREPARED PER THE SITE'S GEOTECHNICAL INVESTIGATION RECOMMENDATIONS AND ALL TOPSOIL AND OTHER UNSUITABLE FILL (FILLS CONTAINING ORGANIC MATTER) ARE EXCAVATED FROM THESE SURFACES.
17. CONTRACTOR TO ENSURE PROPOSED PAVEMENT AREAS SUBGRADE HAS BEEN ACCEPTABLY PREPARED, WHERE THE TRENCH BACKFILL AND GRADE RAISE FILL HAVE BEEN ADEQUATELY COMPACTED TO THE REQUIRED DENSITY AND THE SUBGRADE SURFACE NOT DISTURBED BY CONSTRUCTION OPERATIONS OR PRECIPITATION. DEPENDING ON THE ACTUAL CONDITIONS OF THE PAVEMENT SUBGRADE AT THE TIME OF CONSTRUCTION, IT MAY BE NECESSARY TO INCREASE THE THICKNESS OF THE SUBBASE AND/OR TO PLACE A WOVEN GEOTEXTILE BENEATH THE GRANULAR MATERIALS.
18. CONTRACTOR TO ENSURE GRANULAR BASE AND SUBBASE MATERIALS ARE UNIFORMLY COMPACTED TO AT LEAST 100% OF THE MATERIAL'S STANDARD PROCTOR MAXIMUM DRY DENSITY USING SUITABLE VIBRATORY COMPACTION EQUIPMENT. THE ASPHALTIC CONCRETE IS TO BE COMPACTED PER TABLE 9 OF OPSS 310.
19. REQUIREMENT FOR ADDITIONAL GRANULAR 'B' AND/OR GEOTEXTILE TO BE CONFIRMED ON-SITE BY GEOTECHNICAL ENGINEER
20. CURBS TO BE BARRIER TYPE PER CITY OF OTTAWA STANDARD SC1.1.
21. THE EXISTING ON-SITE MODULAR OFFICE AND ASSOCIATED SERVICES (WELL, SEPTIC TANK, ETC.) TO REMAIN IN SERVICE UNTIL THE PROPOSED OFFICE IS COMPLETED. ONCE THE NEW OFFICE IS OPERATIONAL, THE CONTRACTOR SHALL COORDINATE THE MODULAR REMOVAL AND COMPLETE THE REMAINING PROPOSED WORKS (FENCE, LANDSCAPE, ETC.).
22. CONTRACTOR RESPONSIBLE TO DEVELOP DEMOLITION AND TEMPORARY SERVICING STAGING PLAN FOR APPROVAL BY HONI PRIOR TO CONTRUCTION
23. LINE PAINTING SHALL BE COMPLETED IN ACCORDANCE WITH OPSS 710.
24. ASPHALT LINE PAINTING FOR THE PARKING STALLS AS PER OPSS 1716.
25. FENCE TO BE IN ACCORDANCE WITH SPECIFICATION, SEE SPECIFICATIONS UNDER SEPARATE COVER FOR DETAILS.
26. WHERE POSSIBLE CONTRACTOR TO RE-USE EXISTING ON SITE JERSEY BARRIER
27. PROPOSE CONCRETE BARRIERS PER OPSD 911.14
28. CONCRETE WALKWAY TO BE INSTALLED IN ACCORDANCE WITH OPSS 351.
29. CONCRETE CURB SHALL BE INSTALLED IN ACCORDANCE WITH OPSS 353.
30. SUBDRAINS SHALL BE COMPLETE WITH FILTER SOCK AND INSTALLED AS PER OPSS 405.
31. CULVERTS SHALL BE INSTALLED IN ACCORDANCE WITH OPSS 421.

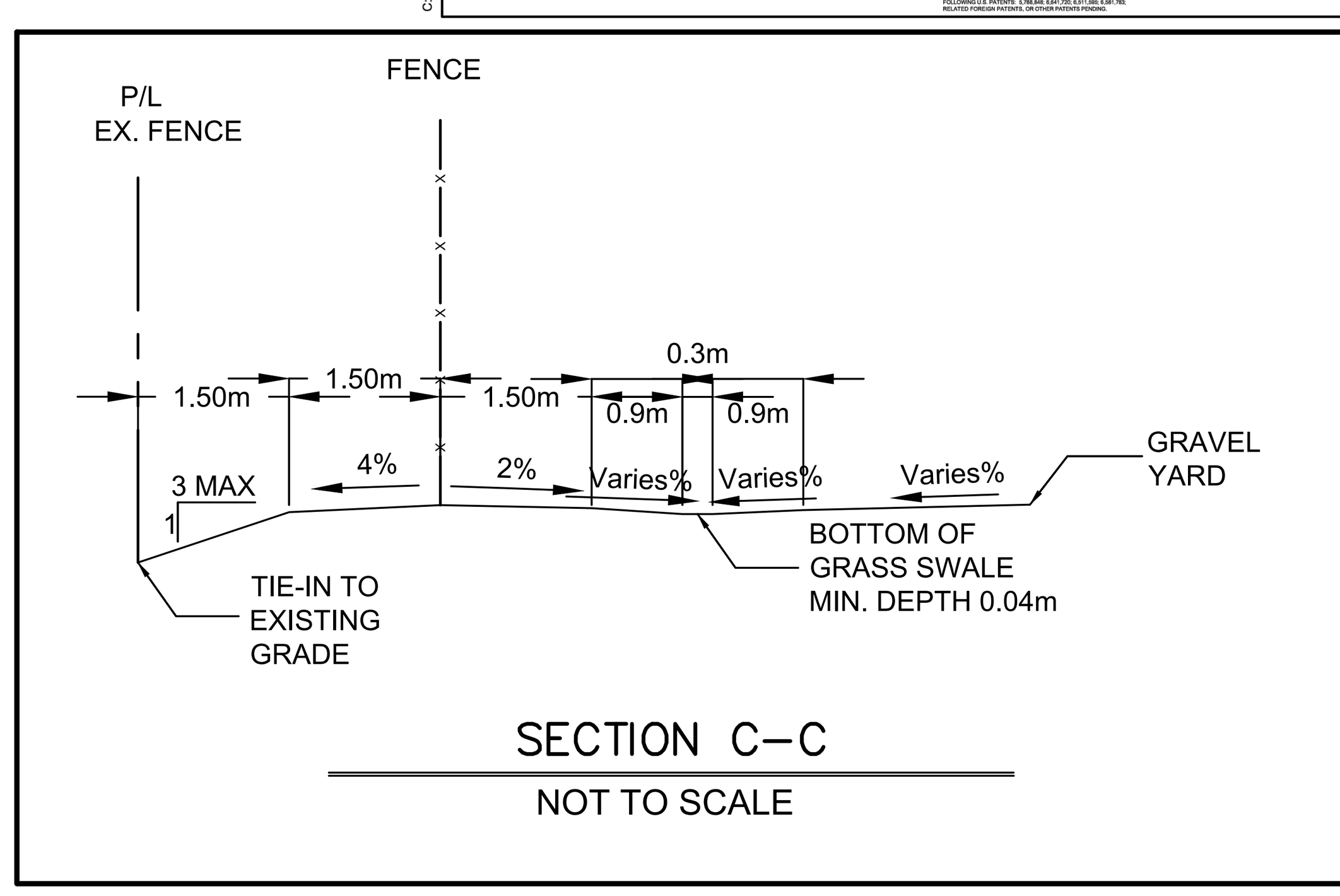
File Location: P:\31000\31500-000 - HONI Orleans OPC\3-Production\1-Civil\31500-000 C DETAILS.dwg

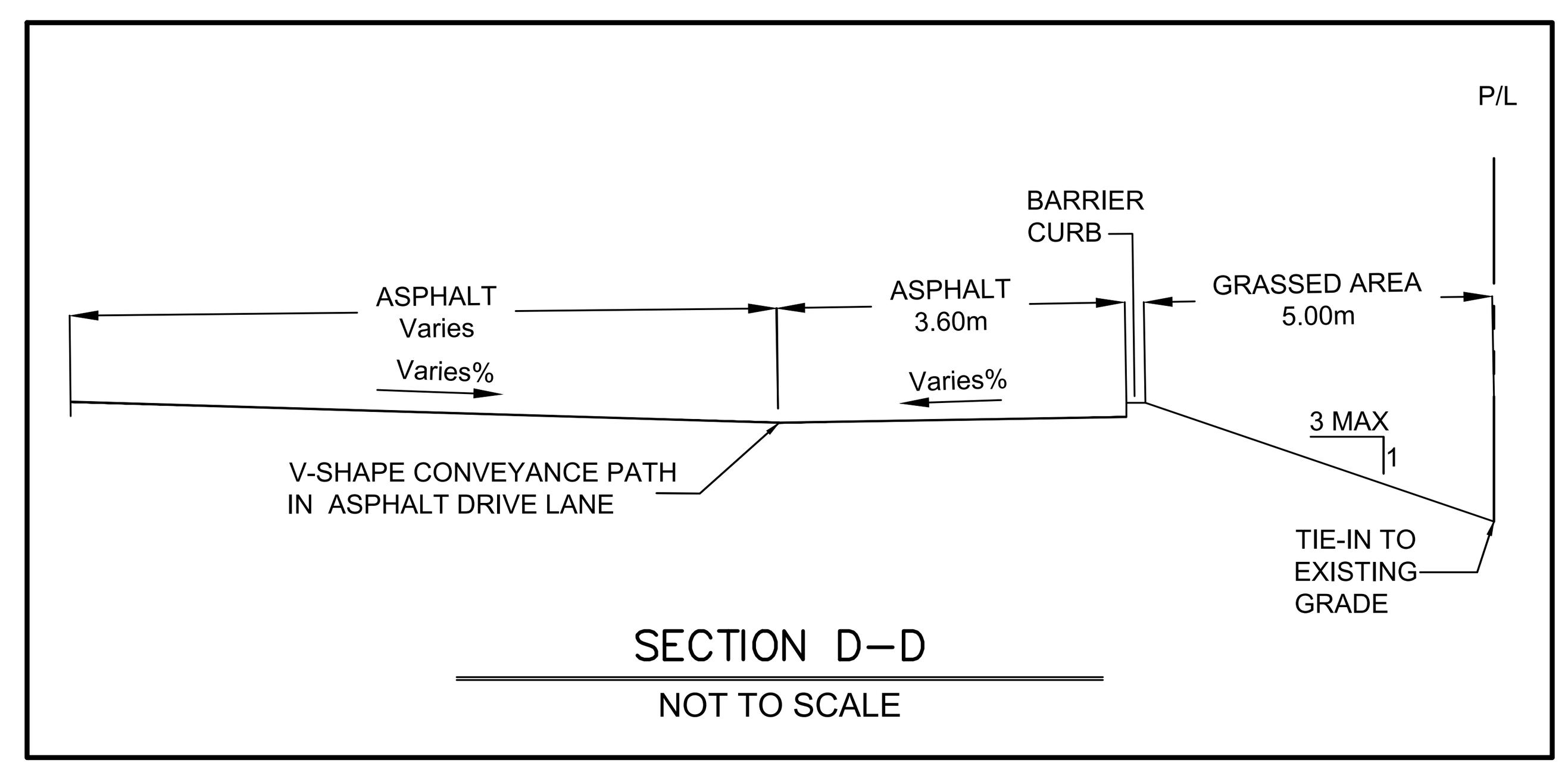


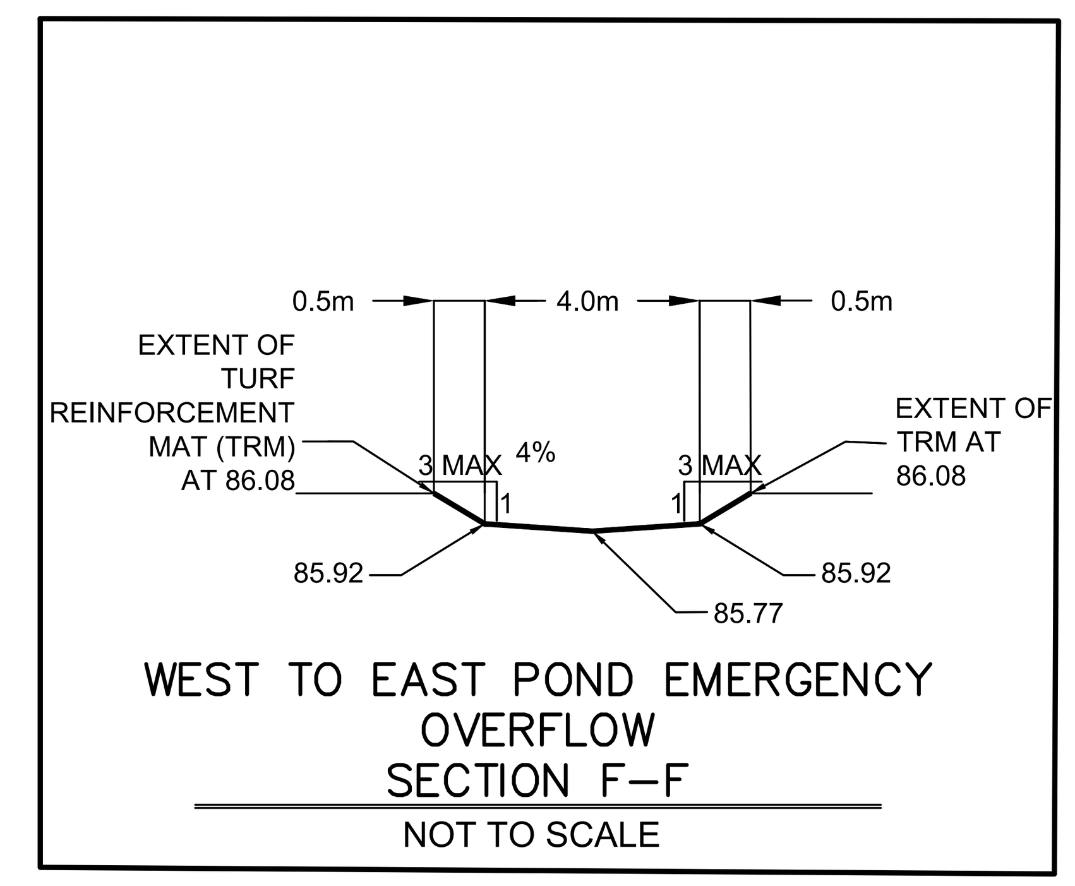


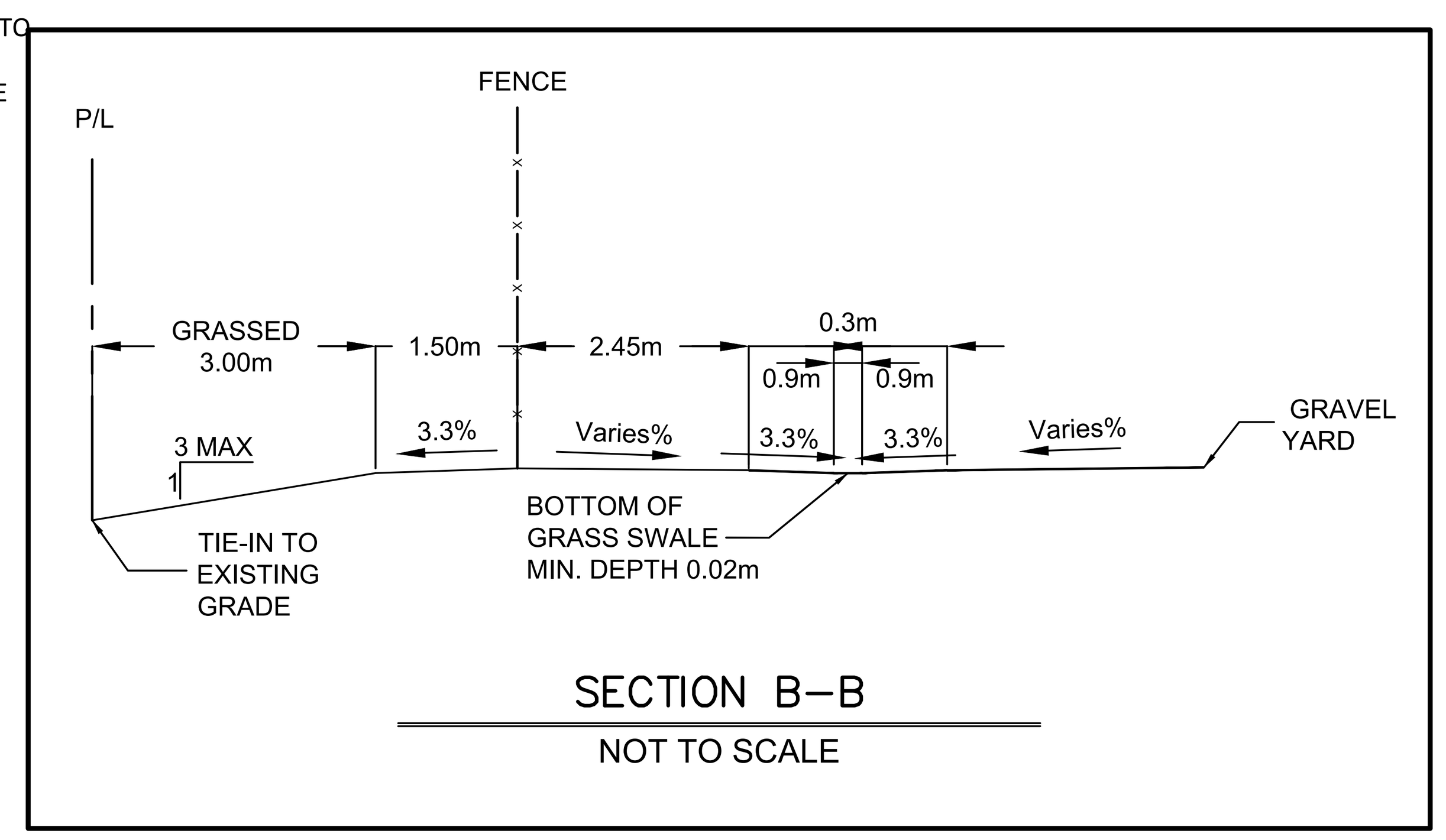


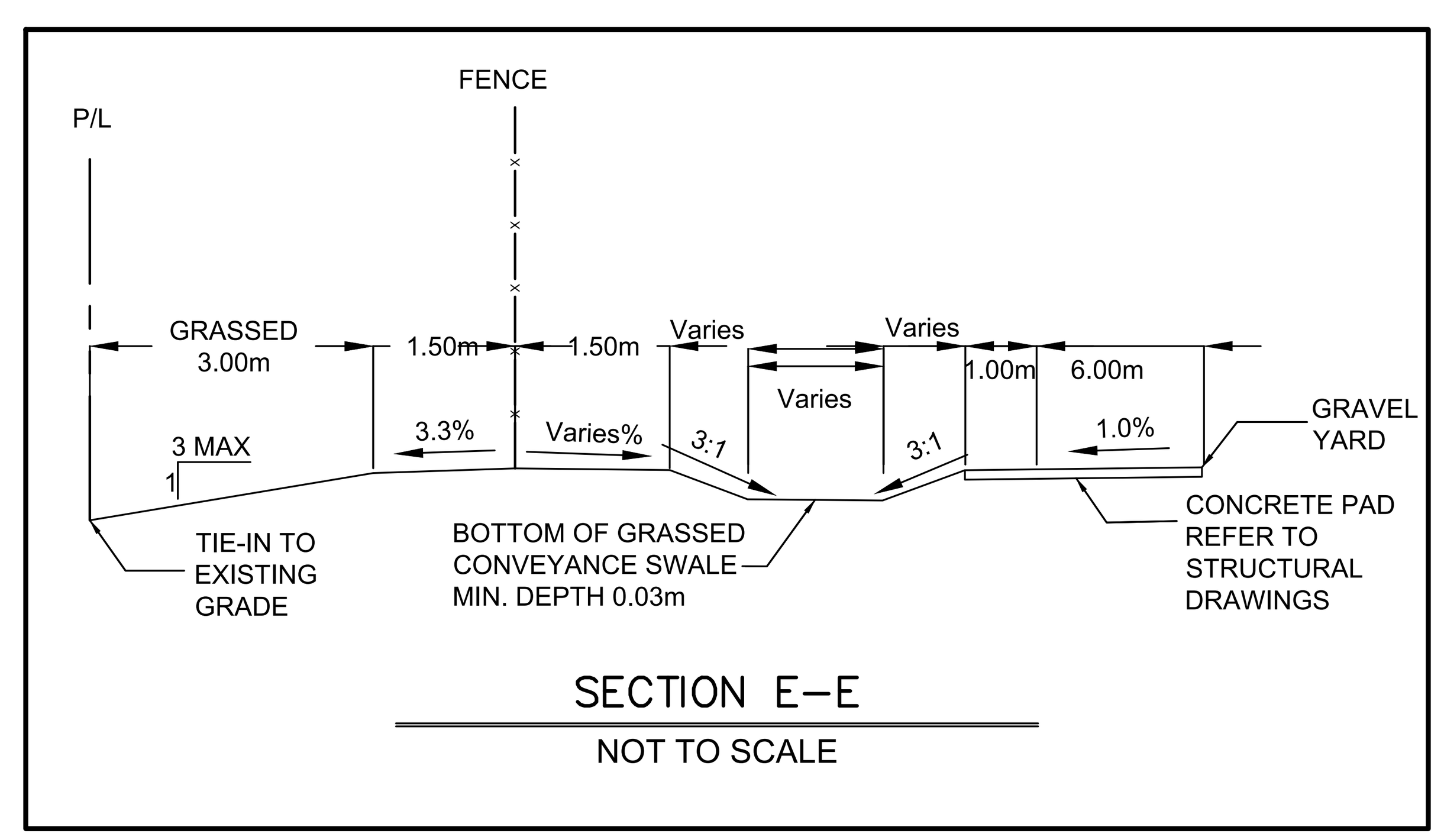


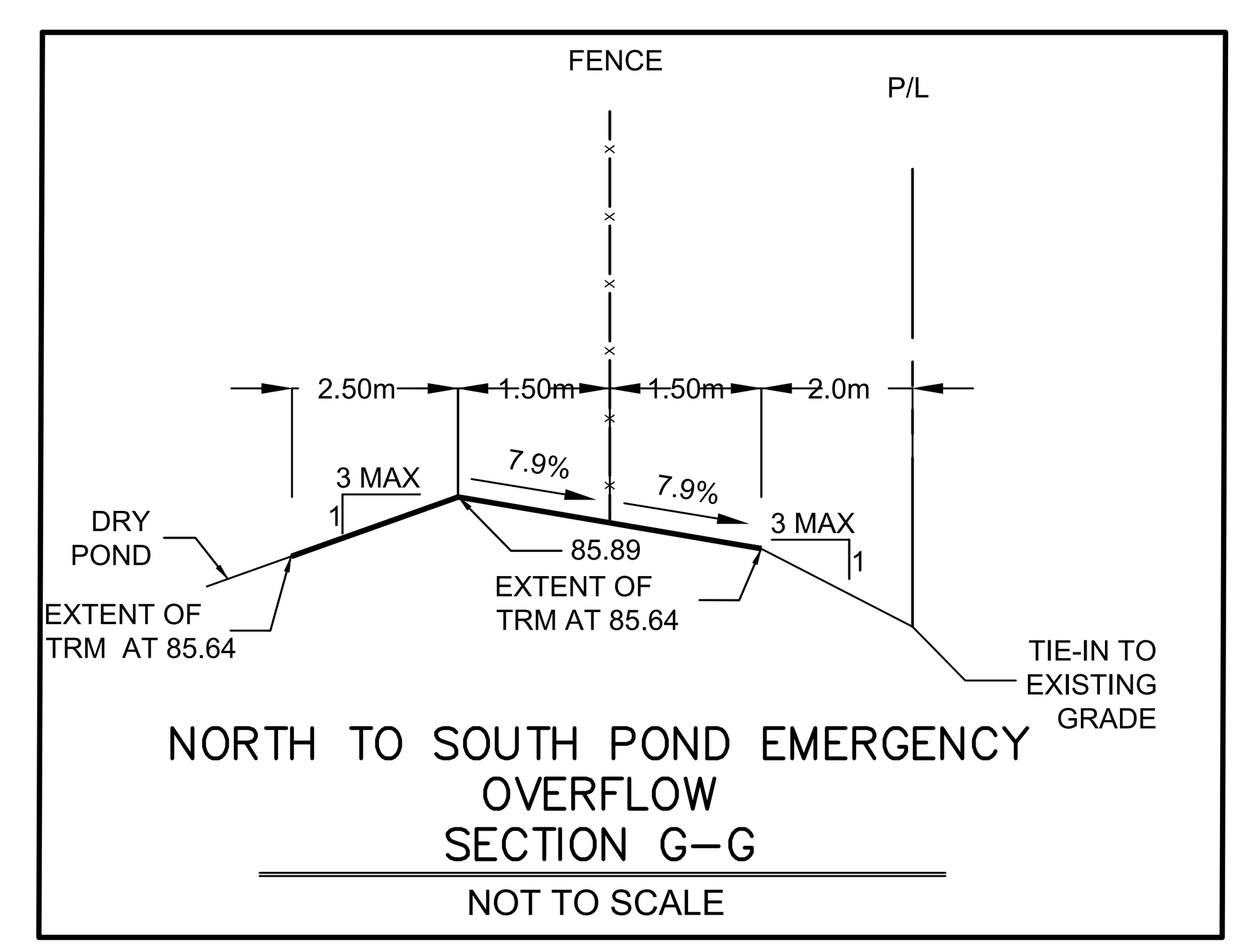












APPROVED
By Adam Brown at 3:06 pm, Jul 25, 2023

ADAM BROWN
MANAGER, DEVELOPMENT REVIEW - RURAL
PLANNING, REAL ESTATE & ECONOMIC DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

No.	ISSUE / REVISION	DD/MM/YY
06	CITY OFS COMMENTS	08/06/23
05	RE-ISSUED FOR CITY SITE PLAN APPROVAL	11/05/23
04	CITY SITE PLAN APPROVAL	17/03/23
03	ISSUED FOR CITY SITE PLAN APPROVAL	21/12/22
02	RE-ISSUED FOR CITY SITE PLAN APPROVAL	12/09/22
01	ISSUED FOR CITY SITE PLAN APPROVAL	06/04/22
00	ISSUED FOR CLIENT REVIEW	04/04/22

VERIFY SHEET SIZE AND SCALES. THE BAR TO THE RIGHT IS 25mm IF THIS IS A FULL SIZE DRAWING. 0 25mm

SCALE:

CLIENT: hydro one BGIS

CONSULTANT: www.jlrichards.ca
J.L.Richards ENGINEERS · ARCHITECTS · PLANNERS

CONSULTANT:

PROFESSIONAL STAMP: LICENSED PROFESSIONAL ENGINEER L.J.A. JABLONSKI 2023-07-24 PROVINCE OF ONTARIO

PROJECT NORTH

PROJECT:
HYDRO ONE OPERATIONS CENTRE, ORLEANS
3440 FRANK KENNY ROAD

DRAWING:
DETAILS 1

DESIGN: M.D.
DRAWN: G.C.
CHECKED: D.U.
JLR #: 31500-000

DRAWING #: C-006

PLOT DATE: July 20, 2023 1:58:48 PM

CITY PLAN No. 18971 CITY FILE No. D07-12-22-0057