

Innes Road

LEGEND

- PROPERTY BOUNDARY
- LIMITS OF WORK
- FENCE
- EXISTING BUILDING
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- EXISTING WATERMAIN
- NEW SANITARY SEWER
- NEW STORM SEWER
- NEW WATERMAIN
- LIMIT OF EXISTING WETLAND
- 1m BUFFER FOR WETLAND
- EXISTING NUMBER OF PARKING STALLS
- EXISTING CATCHBASIN
- EXISTING CATCHBASIN MANHOLE
- EXISTING ELEVATION
- EXISTING LIGHT STANDARD TO BE REMOVED REFER TO ELECTRICAL
- WETLAND AREA

DRAWING NOTES

- EXISTING WETLAND.
- EXISTING SECURITY FENCE.
- EXISTING ACCESS GATE.
- EXISTING DITCH.
- EXISTING PARKING POSTS.
- EXISTING CULVERT AND HEADWALL.
- EXISTING DITCH INLET AT INNES ROAD.
- EXISTING LIGHT POLE.
- EXISTING POLE FOR SECURITY CAMERAS.
- EXISTING LIGHT STANDARD TO BE REMOVED, REFER TO ELECTRICAL.

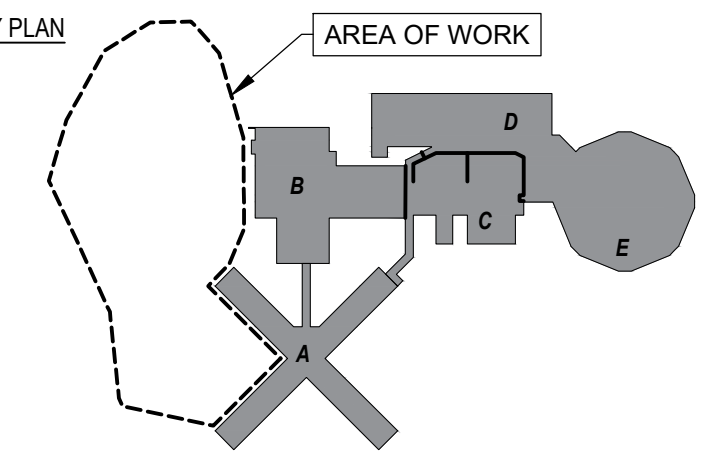
GENERAL NOTES

1. DESIGN AND CONSTRUCTION IS TO BE IN ACCORDANCE WITH MOST RECENT ONTARIO BUILDING CODE.
2. THE CONTRACTOR IS RESPONSIBLE FOR CHECKING AND VERIFYING ALL DIMENSIONS WITH RESPECT TO SITE CONDITIONS AND ALL MATERIALS TO THE PROJECT. ANY DISCREPANCY SHALL BE REPORTED TO THE ENGINEER.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL MATERIAL RELEVANT TO THE PROJECT.
4. ADDITIONAL DRAWINGS MAY BE ISSUED FOR CLARIFICATION TO ASSIST PROPER EXECUTION OF WORK. SUCH DRAWINGS WILL HAVE THE SAME MEANING AND INTENT AS IF THEY WERE INCLUDED WITH THE CONTRACT DOCUMENTS.
5. CONTRACTOR MUST COMPLY WITH LOCAL BY-LAWS, ONTARIO OCCUPATIONAL HEALTH AND SAFETY ACT AND ALL REGULATIONS SET BY AUTHORITIES HAVING JURISDICTION. IN CASE OF CONFLICT OR DISCREPANCY, THE MORE STRINGENT REQUIREMENTS SHALL APPLY.
6. CONTRACTOR RESPONSIBLE FOR OBTAINING ALL REQUIRED UTILITY LOCATES, DAYLIGHTING, INSPECTIONS, PERMITS, AND APPROVALS, INCLUDING ALL ASSOCIATED COSTS. LOCATION OF EXISTING UTILITIES ARE APPROXIMATE ONLY AND BASED ON BEST AVAILABLE INFORMATION.
7. PROPERTY BOUNDARY INFORMATION IS DERIVED FROM THE PLAN RECEIVED FROM OCDC PREPARED BY ONTARIO REALTY CORPORATION NOVEMBER 2021 BASED ON INFORMATION OBTAINED FROM PLAN OF PART OF LOT 17 CONCESSION 3 (OTTAWA FRONT) TWP. OF GLOUCESTER, NOW IN THE CITY OF GLOUCESTER REGIONAL MUNICIPALITY OF OTTAWA-CARLETON DATED FEB 22, 1999 PREPARED BY D.A. SIMMONS OLS WEBSTER AND SIMMONS SURVEYING LTD, OTTAWA.

GEOTECHNICAL NOTES

1. GEOTECHNICAL ENGINEER LICENSED IN THE PROVINCE OF ONTARIO SHALL INSPECT ALL SUBGRADE SURFACES FOR FOOTING AND PAVEMENT STRUCTURES PRIOR TO CONSTRUCTION.
2. CONTRACTOR TO IMPLEMENT A MONITORING PROGRAM FOR VIBRATIONS TO BE OVERSEEN BY A PROFESSIONAL GEOTECHNICAL ENGINEER. CONTRACTOR TO ALLOW IN HIS BID A UNIT RATE FOR STATIC COMPACTION SHOULD VIBRATION MONITORING REQUIRES THE GEOTECHNICAL ENGINEER TO INSTRUCT THE USAGE OF STATIC COMPACTION METHODS.
3. CONTRACTOR TO AVOID DIRECTING WATER TOWARDS THE TOP OR BOTTOM OF THE RAVINE SLOPE, BOTH DURING CONSTRUCTION AND AFTER COMPLETION. THE EXISTING CREEK CANNOT HANDLE ANY ADDITIONAL FLOW OR VOLUME, AND THE PROPOSED DRAINAGE PLAN SHOULD AIM TO MINIMIZE AND CONTROL ANY IMPACTS IN THIS REGARD.

KEY PLAN

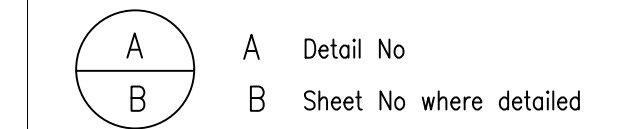


No	Revisions	Date
10	SPC RESUBMISSION	2024.03.19
09	RE-ISSUED FOR CITY REVIEW	2024.01.19
08	RE-ISSUED FOR CITY REVIEW	2023.10.25
07	ISSUED FOR TENDER	2023.08.18
06	99% DESIGN REVIEW	2023.08.15
05	90% DESIGN REVIEW	2022.12.21
04	66% DESIGN REVIEW	2022.02.02
03	33% DESIGN REVIEW R2	2021.11.08
02	33% DESIGN REVIEW R1	2021.10.08
01	33% DESIGN REVIEW	2020.12.07

Orientation

Seal

The Contractor shall check and verify all dimensions and report all errors and omissions to the IO-Owner's/MBS Designee (as applicable) for his/her written direction before proceeding with the Work.



PROJECT ENGINEER: CIVIL, STRUCTURAL, MECHANICAL & ELECTRICAL

Jp2g Consultants Inc.
ENGINEERS • PLANNERS • PROJECT MANAGERS
1150 MORRISON DRIVE, SUITE 410, OTTAWA, ON K2H 8S9
PHONE: 613-828-7800 FAX: 613-828-2600
Jp2g Project #: 20-5060A

Ontario
Infrastructure Ontario

AMIS N B
Project
OTTAWA CARLETON DETENTION CENTRE
TEMPORARY PARKING LOT EXPANSION

2244 INNES ROAD, GLOUCESTER
TOWNSHIP OTTAWA - PIN#04757-0552

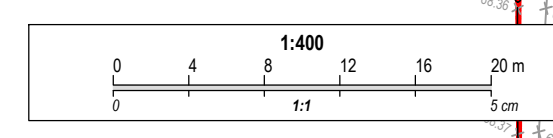
Client
MCSCS

Drawing Title
EXISTING CONDITIONS

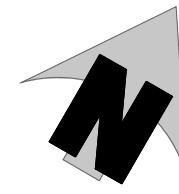
Scale AS NOTED	Date DECEMBER 2022
Drawn by R.W.	Substantial Performance Date -
Designed by D.N.	Drawing No C1
Approved by	of

CAD File NAME

Drawing: C:\G4 OCDC\13 - Released For City Review\Jan 19 2024\Rev-10-Options.dwg | Layout: C:\G4 OCDC\13 - Released For City Review\Jan 19 2024\Rev-10-Options.dwg | Plotdate: 10:59 AM March 20, 2024



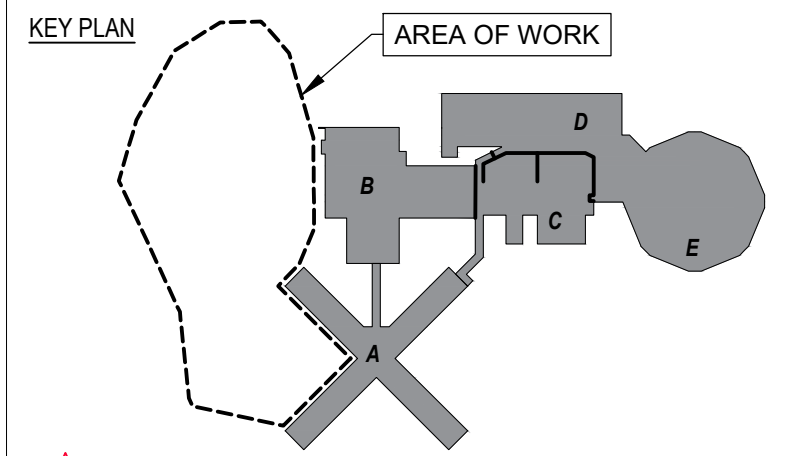
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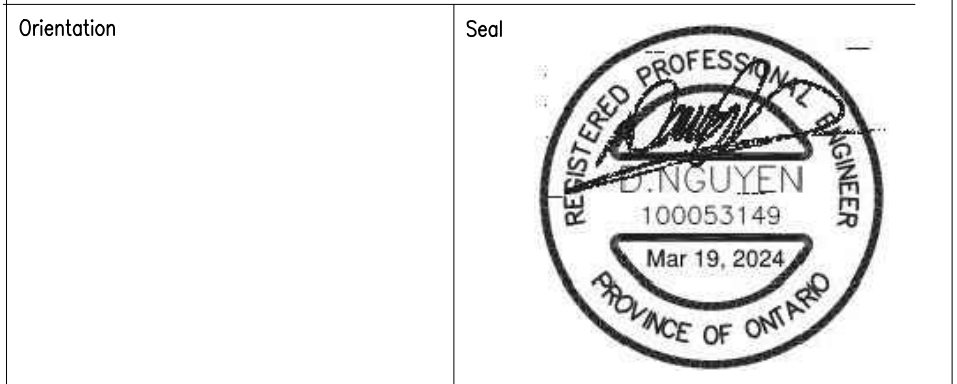
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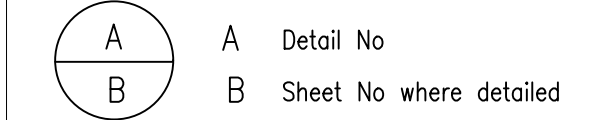
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- NEW BARRIER CURB
- NEW DEPRESSED BARRIER CURB
- NEW EDGE OF PAVEMENT
- NEW REALIGNED FIRE ROUTE
- NEW SILT FENCE
- LIMIT OF EXISTING WETLAND
- 5m BUFFER FOR WETLAND
- NEW LIGHT DUTY ASPHALT AS PER DETAIL 1/C4
- NEW HEAVY DUTY ASPHALT AS PER DETAIL 2/C4
- NEW CONCRETE SIDEWALK
- NEW GRASS
- NEW RIP RAP
- LINE PAINTING
- WETLAND AREA
- EXISTING CATCHBASIN
- EXISTING CATCHBASIN MANHOLE
- EXISTING GRADE
- NEW WHEEL STOP 1.83m LENGTH
- NEW LIGHT STANDARD REFER TO ELECTRICAL
- PROPOSED ELECTRICAL / SECURITY TRENCHING



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 TEMPORARY PARKING LOT EXPANSION

2244 INNES ROAD, GLOUCESTER
 TOWNSHIP OTTAWA - PIN#04757-0552

Client: MCSCS

Drawing Title: SITE PLAN - NEW PARKING LAYOUT

Scale: AS NOTED Date: DECEMBER 2022

Drawn by: Substantial Performance Date: -

Designed by: Drawing No: C2 of

Approved by: CAD File NAME: -

PARKING AND DRIVE AISLE PROVISIONS
 UNDER PART4-PARKING, QUEUING AND LOADING PROVISIONS (SECTIONS 100-114)

ZONING BY LAW - SCHEDULE 1A
 AREA C : SUBSECTION

ZONING BY LAW - PART 4 (SECTIONS 100-114)
 TABLE 101-MINIMUM PARKING SPACE RATES
 ROW N28, CORRECTIONAL FACILITY,
 COLUMN 4: 1 PARKING PER 100m² OF GROSS FLOOR AREA

GROSS FLOOR AREA = 16,765m² (INCLUDING ALL BLOCKS)
 REQUIRED PARKING SPACE = 167 PARKING
 PROPOSED PARKING SPACE = 167+95 = 262 PARKING

BICYCLE:
 NOT PROVIDED PER EXISTING CONDITIONS

PARKING SPACE DIMENSIONS
 MINIMUM = 5.2m x 2.6m (90°)
 TYPE "A" = 5.8m x 3.4m
 TYPE "B" = 5.8m x 2.4m

AISLE AND DRIVEWAY PROVISIONS (SECTION 107)
 REQUIRED 20 OR MORE PARKING SPACES = 6.7m
 PROPOSED = 6.7m, 7.15m, 8.57m, 8.74m & 10.04m
 TABLE 107-MINIMUM REQUIRED AISLE WIDTH
 ROW (c) 56'-70", COLUMN 2 = 6.5m

AODA PARKING REQUIREMENTS
 CITY OF OTTAWA - ACCESSIBILITY DESIGN STANDARDS - SECTION 3.1 PARKING

TOTAL PARKING SPACE = 167 PARKING
 ACCESSIBLE PARKING RATIO = 4%
 REQUIRED ACCESSIBLE PARKING NUMBER = 7
 PROVIDED ACCESSIBLE PARKING NUMBER = 11
 5 TYPE "A" ACCESSIBLE PARKING PROPOSED = 5.8m x 3.4m
 6 TYPE "B" ACCESSIBLE PARKING PROPOSED = 5.8m x 2.4m

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DRAWING NOTES

- REMOVE AND DISCARD EXISTING DOUBLE SECURITY FENCE.
- REMOVE EXISTING TREES.
- EXISTING TREES TO REMAIN.
- REPAIR OR REPLACE EXISTING FENCE WHERE INDICATED TBC.
- REMOVE AND REINSTATE ELECTRICAL PLUG IN STATIONS. REFER TO ELECTRICAL DRAWINGS.
- NOT USED
- PROTECT EXISTING FIRE HYDRANT DURING CONSTRUCTION.
- TREE STUMP TO BE REMOVED.
- RELOCATE EXISTING POLE.
- RELOCATE EXISTING GATE.
- PROPOSED REALIGNED FIRE ROUTE.
- REMOVE AND DISCARD EXISTING SUBDRAIN.
- EXISTING GATE FOR SNOW REMOVAL OPERATIONS.
- NO PARKING TO ALLOW ACCESS FOR PARKING EGRESS.
- EXISTING CURB TO BE REMOVED.
- EXISTING PICNIC TABLE TO BE RELOCATED.
- EXISTING LANDSCAPE FEATURES TO BE RELOCATED.
- PROVIDE CURB TERMINATION
- REMOVE EXISTING CONCRETE HEADWALL
- NEW PROPOSED HEADWALL PER OPSD 804.030
- REMOVE EXISTING 450mm CULVERT. INSTALL RCP 450 DIA PIPES AND OGS SYSTEMS SHOWN ON PLAN
- INSTALL RIP RAP AND GEOTEXTILE PER OPSD 810.010
- FOR ELECTRICAL/SECURITY TRENCHING AND FOUNDATION, REFER TO ELECTRICAL DRAWINGS (TYPICAL)
- SUPPLY AND INSTALL NEW OIL GRIT SEPARATOR. STRUCTURE TO BE LOCATED OUTSIDE OF ACCESS PATH, PROVIDE TOP SOIL AROUND STRUCTURE FRAME ELEVATION. ENSURE MIN 300mm GRANULAR A ABOVE THE PROPOSED RCP PIPES.
- REMOVE EXISTING 150mm GRANULAR MATERIAL, DISPOSE OFF SITE AND REPLACE WITH NEW 150mm TOP SOIL AND SEED-SEE LANDSCAPING PLANS.

WORKS IN THE VICINITY OF EXISTING HYDRO PLANT

- CONTRACTOR SHALL ENSURE THAT NO PLANTING OR PERMANENT STRUCTURES ARE PLACED WITHIN THE CLEARANCE AREAS AROUND PAD MOUNTED EQUIPMENT WHICH IS DEFINED BY HYDRO OTTAWA'S STANDARD UTS0038 "ABOVE GROUND CLEARANCES FOR PAD MOUNTED EQUIPMENT"
- PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION, THE CONTRACTOR SHALL ARRANGE FOR AN UNDERGROUND CABLE LOCATE BY CONTACTING ONTARIO ONE CALL AT 1-800-400-2255, NOT LESS THAN SEVEN (7) WORKING DAYS PRIOR TO EXCAVATING. THERE SHALL BE NO MECHANICAL EXCAVATION WITHIN ONE AND A HALF METERS (1.5M) OF ANY HYDRO OTTAWA UNDERGROUND PLANT UNLESS THE EXACT POSITION OF PLANT IS DETERMINED BY HAND DIGGING METHODS.
- IF REQUIRED, THE CONTRACTOR SHALL CONTACT HYDRO OTTAWA AND EXPOSE EXISTING DUCT BANKS AND/OR CABLE CHAMBERS AND TO COORDINATE WITH HYDRO OTTAWA TO INSPECT THE EXISTING DUCT BANK AND MANHOLES TO RECORD EXISTING CONDITIONS. ONCE PILING AND SHORING IS COMPLETED, CONTRACTOR TO COORDINATE WITH HYDRO OTTAWA TO RE-INSPECT THE UNDERGROUND PLANT FOR ANY DAMAGES.
- IF REQUIRED, THE CONTRACTOR SHALL INFORM HYDRO OTTAWA OF ANY ACUTE SHOCK CONSTRUCTION PROCESS OR RUBBLIZATION TO BE USED DURING CONSTRUCTION, AND APPLY HYDRO OTTAWA'S WORK PROCEDURE UDS0022 "PROTECTING ELECTRICAL DISTRIBUTION PLANT & SUPPORT STRUCTURES FROM VIBRATIONS CAUSED BY CONSTRUCTION ACTIVITY"
- IF REQUIRED, THE CONTRACTOR SHALL CONTACT HYDRO OTTAWA TO ARRANGE FOR DISCONNECTING THE SERVICE FROM THE DISTRIBUTION SYSTEM AND REMOVAL OF ALL HYDRO OTTAWA ASSETS AT LEAST TEN (10) BUSINESS DAYS PRIOR TO DEMOLITION/REMOVAL OF THE SERVICED STRUCTURE.
- THE CONTRACTOR SHALL NOT USE STEEL CURB AND SIDEWALK FORM SUPPORT PINS IN THE VICINITY OF HYDRO OTTAWA UNDERGROUND PLANT FOR ELECTRICAL SAFETY.

