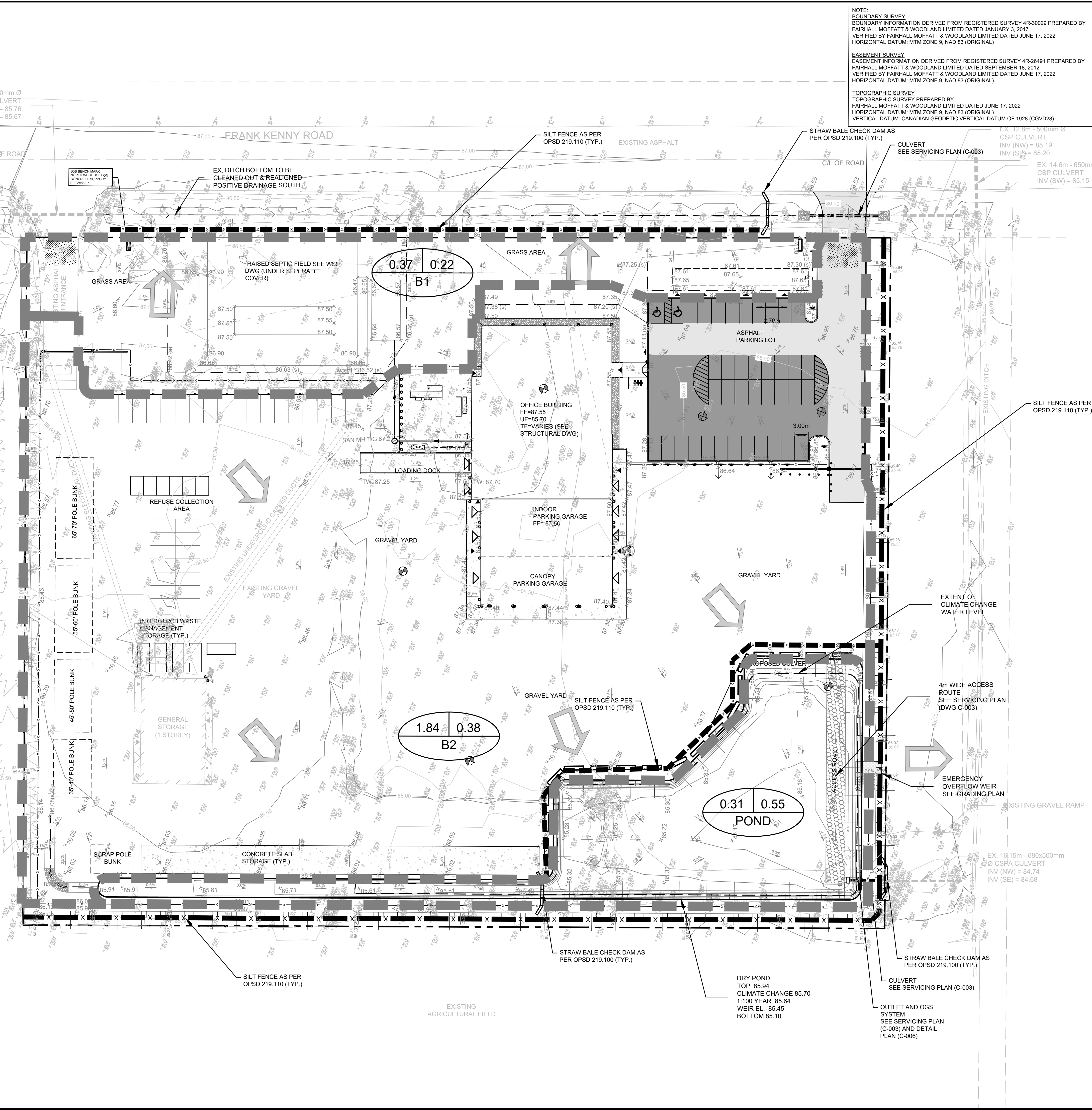


APPROVED
By Adam Brown at 3:01 pm, Jul 25, 2023

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

EROSION AND SEDIMENT CONTROL NOTES

1. ALL SEDIMENTATION CONTROL MEASURES ARE TO BE IMPLEMENTED PER OPSS AND OPDS. SILT FENCE BARRIER PER OPDS 219.110.
2. CONTRACTOR TO ENSURE ALL SEDIMENT AND EROSION CONTROL MEASURES ARE IMPLEMENTED BEFORE WORK AND MAINTAINED DURING THE WORK PHASE TO PREVENT ENTRY OF SEDIMENT INTO THE RECEIVING WATERCOURSES.
3. CONTRACTOR TO ENSURE ALL SEDIMENT AND EROSION CONTROL MEASURES TO BE INSPECTED DAILY AND THEY ARE FUNCTIONING PROPERLY AND ARE BEING MAINTAINED AND/OR UPGRADED AS REQUIRED. IF THE SEDIMENT AND EROSION CONTROL MEASURES ARE NOT FUNCTIONING PROPERLY, NO FURTHER WORK SHALL OCCUR UNTIL THE PROBLEM HAS BEEN ADDRESSED AND RECTIFIED.
4. HYDROSEEDING OF ALL DITCHES IS TO BE PROVIDED IMMEDIATELY FOLLOWING FINAL SHAPING/GRADING.
5. CONTRACTOR TO SUPPLY AND INSTALL STRAW BALE BARRIER (PER OPDS 219.100) UPSTREAM OF ALL CULVERT INSTALLATIONS AND SHALL ONLY BE REMOVED ONCE UPSTREAM VEGETATION HAS BEEN ESTABLISHED.
6. CONTRACTOR TO SUPPLY AND INSTALL SILT FENCE BARRIER (PER OPDS 219.110) TO ENCLOSE ALL BORROW AND STOCKPILE AREAS RESULTING FROM TOPSOIL STRIPPING ACTIVITIES OR ANY EXCAVATING ACTIVITIES.
7. CONTRACTOR TO ENSURE ALL STOCKPILED MATERIALS ARE STORED ON A FLAT AREA ARE STABILIZED AND AWAY FROM ANY FLOW PATHS.
8. IF A STOCKPILE IS PLACED IN AREAS WITH POTENTIAL WASH OFF TO A CONVEYANCE SYSTEM, SILT FENCE BARRIERS (PER OPDS 219.110) WILL NEED TO BE INSTALLED TO ENCLOSE THE MATERIALS AND PREVENT ANY WASH OFF.
9. CONTRACTOR TO ENSURE ALL PUMPED STORMWATER/GROUNDWATER IS FILTERED THROUGH SEDIMENT DEWATERING BAGS BEFORE ITS RELEASE TO THE RECEIVING STREAM.
10. CONTRACTOR TO ENSURE THAT ALL MATERIALS AND EQUIPMENT USED FOR THE PURPOSE OF SITE PREPARATION AND PROJECT COMPLETION ARE OPERATED AND STORED IN A MANNER THAT PREVENTS ANY DELETERIOUS SUBSTANCES (I.E., PETROLEUM PRODUCTS, SILT, ETC.) FROM ENTERING THE RECEIVING WATERCOURSE.
11. CONTRACTOR TO ENSURE ANY VEHICLE AND EQUIPMENT RE-FUELLING AND MAINTENANCE TO BE CONDUCTED AWAY FROM DRAINAGE CHANNELS AND ANY PART OF EQUIPMENT ENTERING A CHANNEL TO BE FREE OF FLUID LEAKS AND EXTERNALLY CLEANED/DEGREASED TO PREVENT ANY DELETERIOUS SUBSTANCES FROM ENTERING THE RECEIVING WATERCOURSE.
12. ALL SPILL PREVENTION AND CONTINGENCY PLANS SHALL BE MAINTAINED AND MONITORED/RECORDED ON A REGULAR BASIS AS REQUIRED TO ENSURE CONTAMINANTS DO NOT ENTER THE NATURAL ENVIRONMENT.
13. CONTRACTOR TO ANTICIPATE THE USE OF CONSTRUCTION MAT (GEOTERRA OT EQUIVALENT) WITHIN THE PHASE 2 BUILDING SITE AREA.



NOTE:
BOUNDARY SURVEY
BOUNDARY INFORMATION DERIVED FROM REGISTERED SURVEY 4R-30029 PREPARED BY FAIRHALL MOFFATT & WOODLAND LIMITED DATED JANUARY 3, 2017
VERIFIED BY FAIRHALL MOFFATT & WOODLAND LIMITED DATED JUNE 17, 2022
HORIZONTAL DATUM: MTM ZONE 9, NAD 83 (ORIGINAL)

EASEMENT SURVEY
EASEMENT INFORMATION DERIVED FROM REGISTERED SURVEY 4R-26491 PREPARED BY FAIRHALL MOFFATT & WOODLAND LIMITED DATED SEPTEMBER 18, 2012
VERIFIED BY FAIRHALL MOFFATT & WOODLAND LIMITED DATED JUNE 17, 2022
HORIZONTAL DATUM: MTM ZONE 9, NAD 83 (ORIGINAL)

TOPOGRAPHIC SURVEY
TOPOGRAPHIC SURVEY PREPARED BY FAIRHALL MOFFATT & WOODLAND LIMITED DATED JUNE 17, 2022
HORIZONTAL DATUM: MTM ZONE 9, NAD 83 (ORIGINAL)
VERTICAL DATUM: CANADIAN GEODETIC VERTICAL DATUM OF 1928 (CGVD28)

LEGEND

- PROPOSED LIGHT DUTY SILT FENCE AS PER OPDS 219.110
- PROPERTY LINE
- EXISTING CHAIN LINK FENCE
- EXISTING BUILDING
- PROPOSED LIGHT DUTY STRAW BALE BARRIER AS PER OPDS 219.100
- DRAINAGE BOUNDARY
- AREA IN HECTARES
- 5-YR RUNOFF COEFFICIENT
- AREA ID
- DRAINAGE DIRECTION
- PROPOSED MUD MAT
- EXISTING BOREHOLE
- PROPOSED CONCRETE BOLLARD
- PROPOSED DOWNSPOUT TYP.
- PROPOSED DOWNSPOUT FOR TRENCH DRAIN

No.	ISSUE / REVISION	DDMMYY
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

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

SCALE: 1:400

CLIENT:

hydro one **BGIS**

CONSULTANT: www.jrichards.ca

J.L. Richards
ENGINEERS - ARCHITECTS - PLANNERS

CONSULTANT:

PROFESSIONAL STAMP

PROJECT NORTH

PROJECT:

HYDRO ONE OPERATIONS CENTRE, ORLEANS

3440 FRANK KENNY ROAD

DRAWING:

POST DEVELOPMENT DRAINAGE AND EROSION AND SEDIMENT CONTROL PLAN

DESIGN: M.D.

DRAWN: G.C.

CHECKED: D.U.

JLR #: 31500-000

DRAWING #: **C-005**

PLOT DATE: July 20, 2023 1:58:25 PM

File Location: P:\13100051500-000 - HONI Orleans OPDS\3-Production1-Civil\31500-000 C DRAINAGE & STORM WATER MANAGEMENT.dwg

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