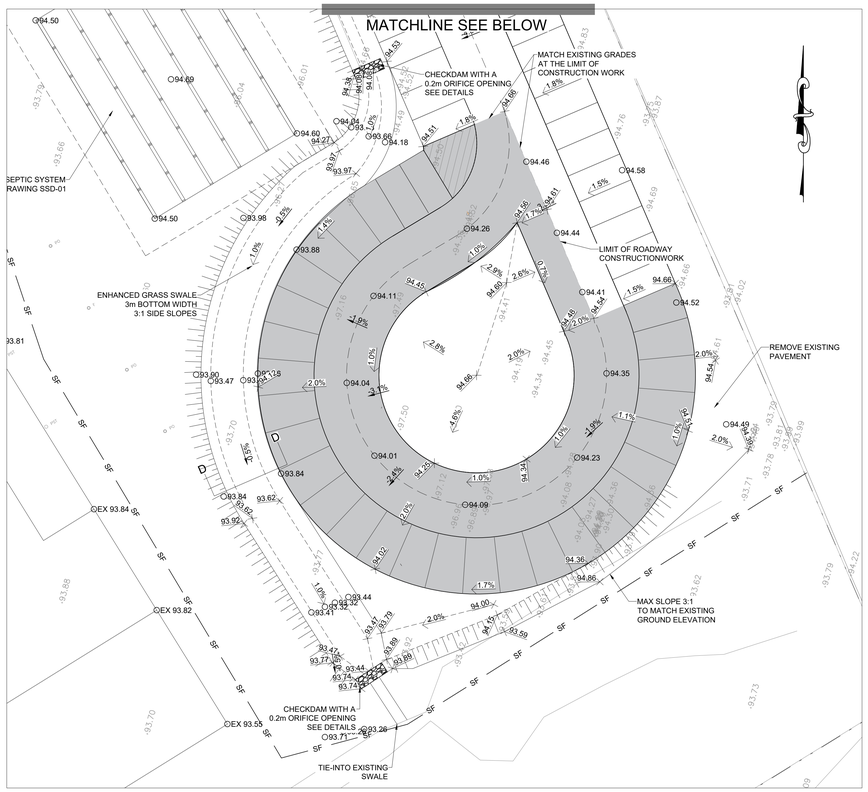
1 C001 PROPOSED FIELD HOUSE
SCALE=1:200

0 5m 10m 15m 20m
SCALE: 1:200



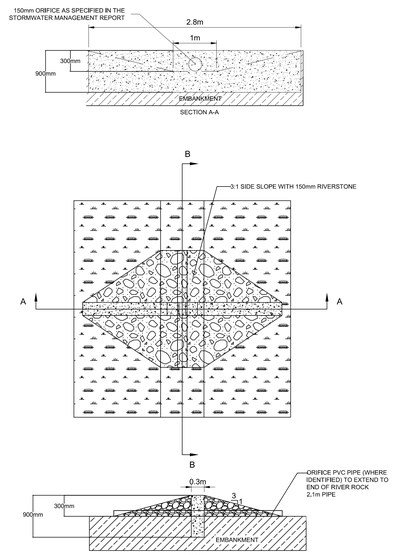
2 C001 PROPOSED PARKING LOOP
SCALE=1:200

0 5m 10m 15m 20m
SCALE: 1:200

LEGEND

96.00	EXISTING GRADE
94.00	PROPOSED GRADE
5:1	PROPOSED SLOPE
	PROPOSED CURBSTOP
W	PROPOSED WATER SERVICE
SAN	PROPOSED SANITARY SERVICE
SF	PROPOSED LIGHT DUTY SILT FENCE
	PROPOSED TERRACING

CHECKDAM DETAIL



NOTES: EROSION AND SEDIMENT CONTROL

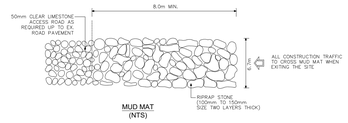
** CONTRACTOR IS RESPONSIBLE FOR ALL INSTALLATION, MONITORING, REPAIR AND REMOVAL OF ALL EROSION AND SEDIMENT CONTROL FEATURES. **

1. PRIOR TO START OF CONSTRUCTION:

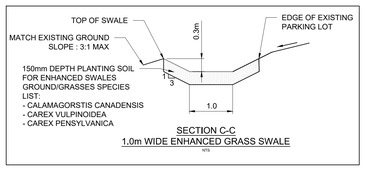
1.1. INSTALL SILT FENCE IN LOCATION SHOWN.
1.2. INSTALL FILTER FABRIC OR SILT SACK FILTERS IN ALL THE CATCHBASINS AND MANHOLES TO REMAIN DURING CONSTRUCTION WITHIN THE SITE.
1.3. INSPECT MEASURES IMMEDIATELY AFTER INSTALLATION.
1.4. INSTALL MUD MAT AT CONSTRUCTION ENTRANCES.

2. DURING CONSTRUCTION:

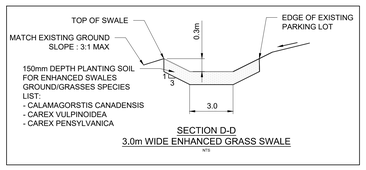
2.1. MINIMIZE THE EXTENT OF DISTURBED AREAS AND THE DURATION OF EXPOSURE AND IMPACTS TO EXISTING GRADING.
2.2. PERIMETER VEGETATION TO REMAIN IN PLACE UNTIL PERMANENT STORM WATER MANAGEMENT IS IN PLACE. OTHERWISE, IMMEDIATELY INSTALL SILT FENCE WHEN THE EXISTING SITE IS DISTURBED AT THE PERIMETER.
2.3. PROTECT DISTURBED AREAS FROM OVERLAND FLOW BY PROVIDING TEMPORARY SWALES TO THE SATISFACTION OF THE FIELD ENGINEER. TIE-IN TEMPORARY SWALE TO EXISTING CB'S AS REQUIRED.
2.4. PROVIDE TEMPORARY COVER SUCH AS SEEDING OR MULCHING IF DISTURBED AREA WILL NOT BE REHABILITATED WITHIN 30 DAYS.
2.5. INSPECT SILT FENCES, FILTER FABRIC FILTERS AND CATCH BASIN SUMPS WEEKLY AND WITHIN 24 HOURS AFTER A STORM EVENT. CLEAN AND REPAIR WHEN NECESSARY.
2.6. DOWNSTREAM STORM INFRASTRUCTURE SHALL BE PROTECTED FROM UNFILTERED RUNOFF DURING ON-SITE STORM INFRASTRUCTURE DEMOLITION.
2.7. DRAWING TO BE REVIEWED AND REVISED AS REQUIRED DURING CONSTRUCTION.
2.8. EROSION CONTROL FENCING TO BE ALSO INSTALLED AROUND THE BASE OF ALL STOCKPILES.
2.9. DO NOT LOCATE TOPSOIL PILES AND EXCAVATION MATERIAL CLOSER THAN 2.5m FROM ANY PAVED SURFACE, OR ONE WHICH IS TO BE PAVED BEFORE THE PILE IS REMOVED. ALL TOPSOIL PILES ARE TO BE SEEDED IF THEY ARE TO REMAIN ON SITE LONG ENOUGH FOR SEEDS TO GROW (LONGER THAN 30 DAYS).
2.10. CONTROL WIND-BLOWN DUST OFF SITE BY SEEDING TOPSOIL PILES AND OTHER AREAS TEMPORARILY (PROVIDE WATERING AS REQUIRED AND TO THE SATISFACTION OF THE ENGINEER).
2.11. NO ALTERNATE METHODS OF EROSION PROTECTION SHALL BE PERMITTED UNLESS APPROVED BY THE FIELD ENGINEER.
2.12. CITY ROADWAY AND SIDEWALK TO BE CLEANED OF ALL SEDIMENT FROM VEHICULAR TRACKING AS REQUIRED.
2.13. DURING WET CONDITIONS, TIRES OF ALL VEHICLES/EQUIPMENT LEAVING THE SITE ARE TO BE SCRAPED.
2.14. ANY MUD/MATERIAL TRACKED ONTO THE ROAD SHALL BE REMOVED IMMEDIATELY BY HAND OR RUBBER TIRE LOADER.
2.15. TAKE ALL NECESSARY STEPS TO PREVENT BUILDING MATERIAL, CONSTRUCTION DEBRIS OR WASTE BEING SPILLED OR TRACKED ONTO ABUTTING PROPERTIES OR PUBLIC STREETS DURING CONSTRUCTION AND PROCEED IMMEDIATELY TO CLEAN UP ANY AREAS SO AFFECTED.
2.16. ALL EROSION CONTROL STRUCTURE TO REMAIN IN PLACE UNTIL ALL DISTURBED GROUND SURFACES HAVE BEEN STABILIZED EITHER BY PAVING OR RESTORATION OF VEGETATIVE GROUND COVER.
2.17. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES, TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATERCOURSE, DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.



MUD MAT
(NTS)



SECTION C-C
1.0m WIDE ENHANCED GRASS SWALE
NTS



SECTION D-D
3.0m WIDE ENHANCED GRASS SWALE
NTS

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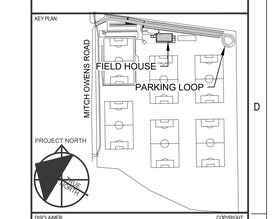
SEAL:
LICENSED PROFESSIONAL ENGINEER
J. W. ZHANG
100150768
2022-06-23
PROVINCE OF ONTARIO

CLIENT:
OTTAWA SOUTH UNITED

CLIENT REF. #:

PROJECT:
5650 MITCH OWENS DRIVE
OTTAWA, ONTARIO

KEY PLAN:


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THIS DRAWING IS NOT TO BE SCALED.

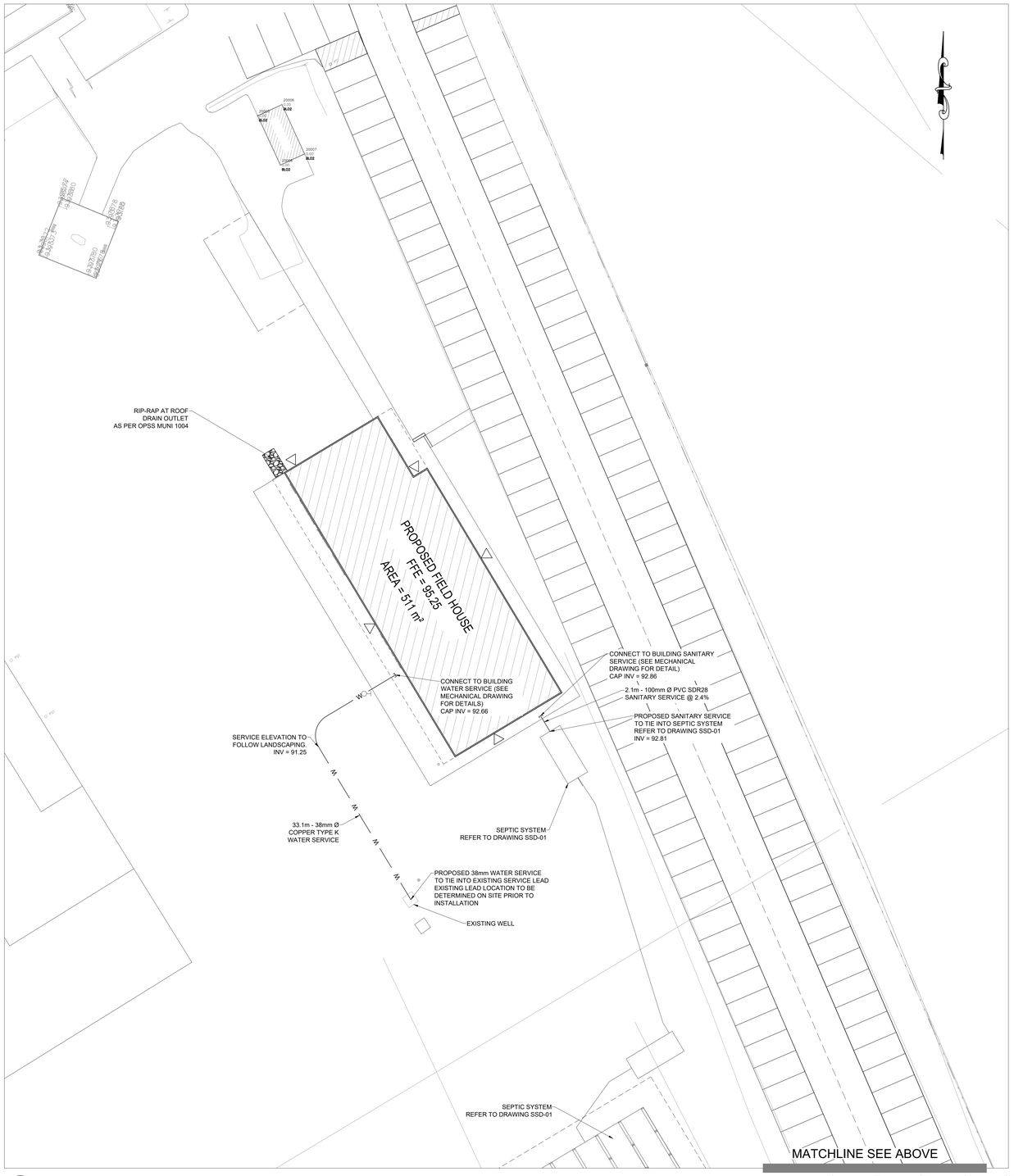
ISSUED FOR - REVISION:

NO	DATE	DESCRIPTION
0	2022-06-23	ISSUED FOR SPA

PROJECT NO: 211-13935-00	DATE: 2022-06-23
ORIGINAL SCALE: AS NOTED	IF THIS BAR IS NOT 25mm LONG, ADJUST YOUR PLOTTING SCALE
DESIGNED BY: E.B.	
DRAWN BY: E.B./B.N.	
CHECKED BY: I.J.	25mm
DISCIPLINE: CIVIL	

TITLE:
GRADING AND EROSION CONTROL

SHEET NUMBER:
SHEET #: 1 OF 2
ISSUE: ISSUED FOR SPA
REV #: 0
DATE OF: 2022-06-23



1 C002 PROPOSED FIELD HOUSE
SCALE=1:200

0 5m 10m 15m 20m
SCALE: 1:200

2 C002 PROPOSED PARKING LOOP
SCALE=1:200

0 5m 10m 15m 20m
SCALE: 1:200

LEGEND

96.00	EXISTING GRADE
94.00	PROPOSED GRADE
5:1	PROPOSED SLOPE
	PROPOSED CURBSTOP
W	PROPOSED WATER SERVICE
SAN	PROPOSED SANITARY SERVICE
SF	PROPOSED LIGHT DUTY SILT FENCE
	PROPOSED TERRACING

NOTES: GENERAL

1. PRIOR TO COMMENCEMENT OF EXCAVATIONS, UNDERGROUND SERVICES SHALL BE LOCATED.
2. CONTRACTOR MUST REPORT ANY DISCREPANCIES TO THE PROJECT ENGINEER TO DETERMINE THE IMPACT.
3. ANY CHANGES MUST BE APPROVED BY THE PROJECT ENGINEER.
4. ALL CONSTRUCTION MATERIAL MUST MEET AT MINIMUM, THE ONTARIO BUILDING CODE SPECIFICATIONS, AS AMENDED.
5. THE MINIMUM COVER OF WATER SERVICE SHOULD BE 2.4M.
6. THE BUILDING'S SUMP, FLOOR DRAINS, AND/OR WATER TREATMENT SYSTEM, SHOULD NOT BE CONNECTED TO THE SEWAGE SYSTEM.
7. TOPSOIL SHALL BE OF GOOD LANDSCAPING QUALITY WITH LESS THAN 30% FINES (SILT) TO ALLOW FOR AIR TRANSFER INTO SUBSURFACE.
8. WSP SHOULD BE PRESENT DURING CONSTRUCTION ACTIVITIES TO VERIFY DESIGN ASSUMPTIONS AND TO DOCUMENT THE CONSTRUCTION OF THE SYSTEM.

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SEAL:

LICENSED PROFESSIONAL ENGINEER
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2022-06-23
PROVINCE OF ONTARIO

CLIENT:

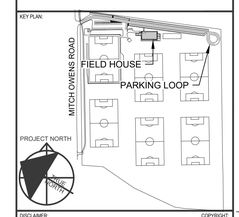
OTTAWA SOUTH UNITED

CLIENT REF. #:

PROJECT:

5650 MITCH OWENS DRIVE
OTTAWA, ONTARIO

KEY PLAN:



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IF THIS BAR IS NOT 25mm LONG, ADJUST YOUR PLOTTING SCALE
DESIGNED BY: E.B.
DRAWN BY: E.B./B.N.
CHECKED BY: I.J.
25mm

DISCIPLINE: CIVIL

TITLE:

SITE SERVICING

SHEET NUMBER:
SHEET # 2 OF 2

ISSUE: ISSUED FOR SPA
REV # 0
DATE OF: 2022-06-23