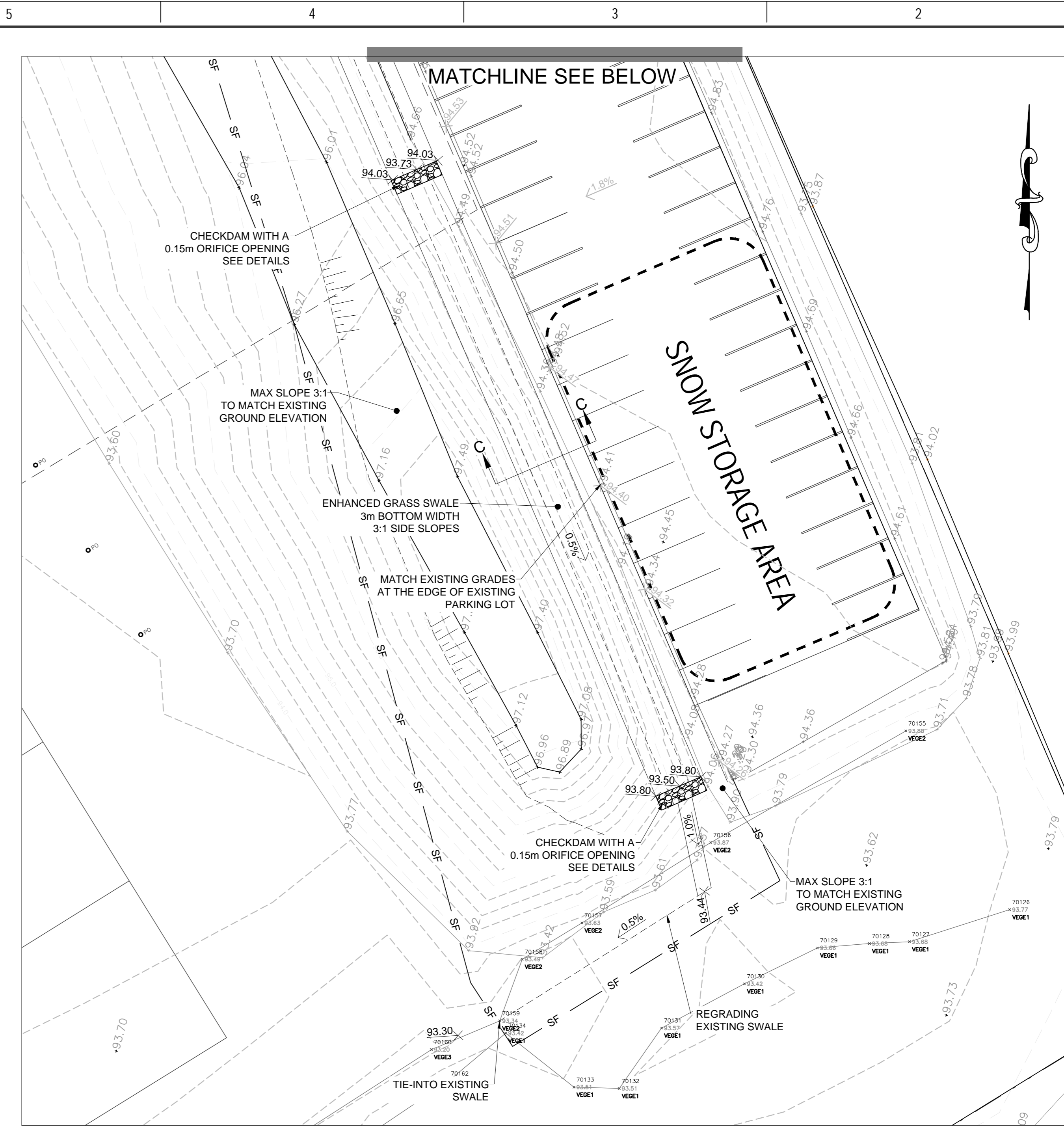
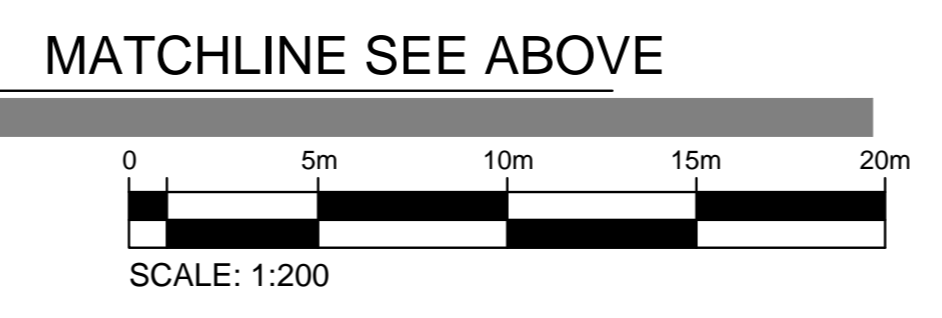
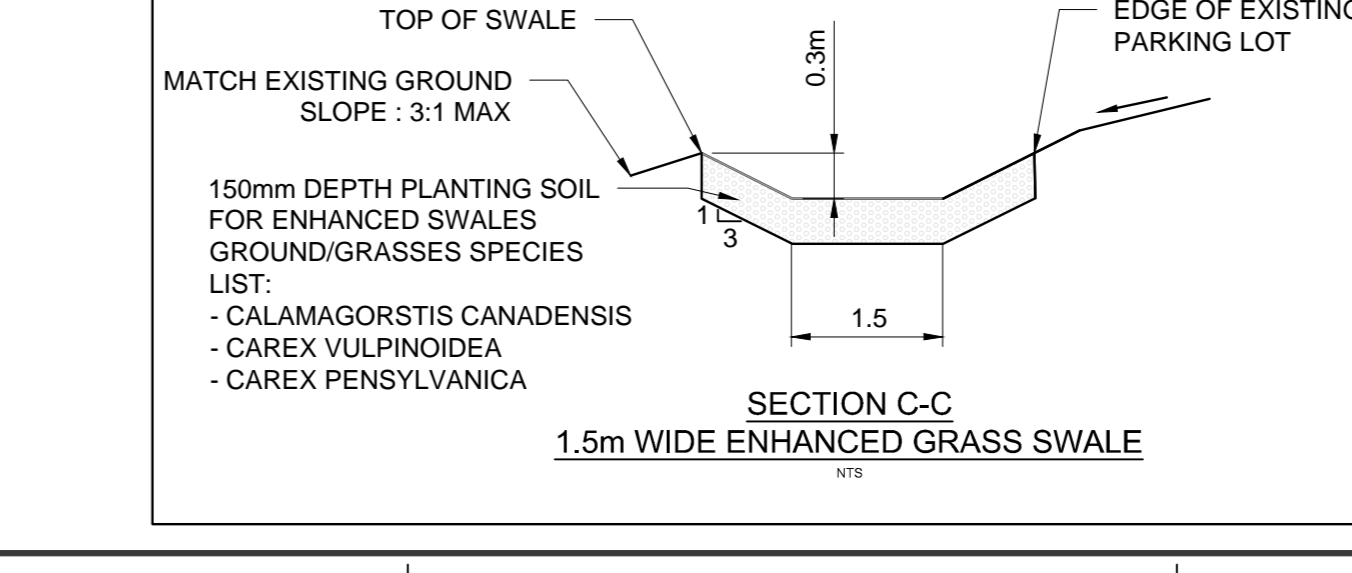
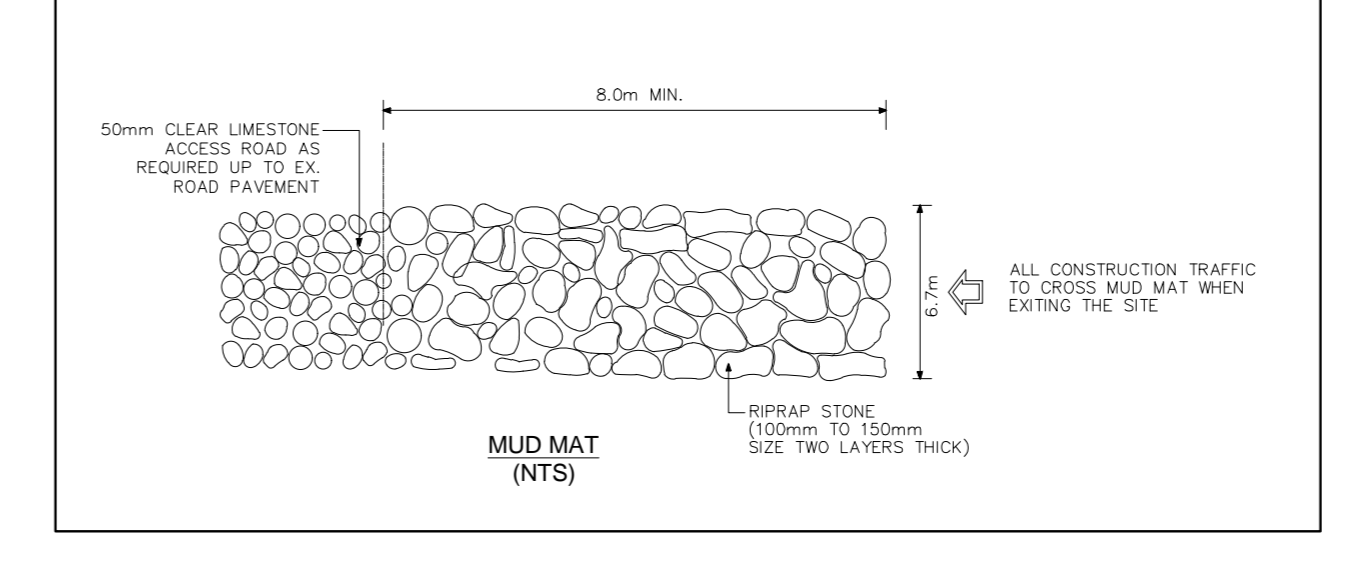
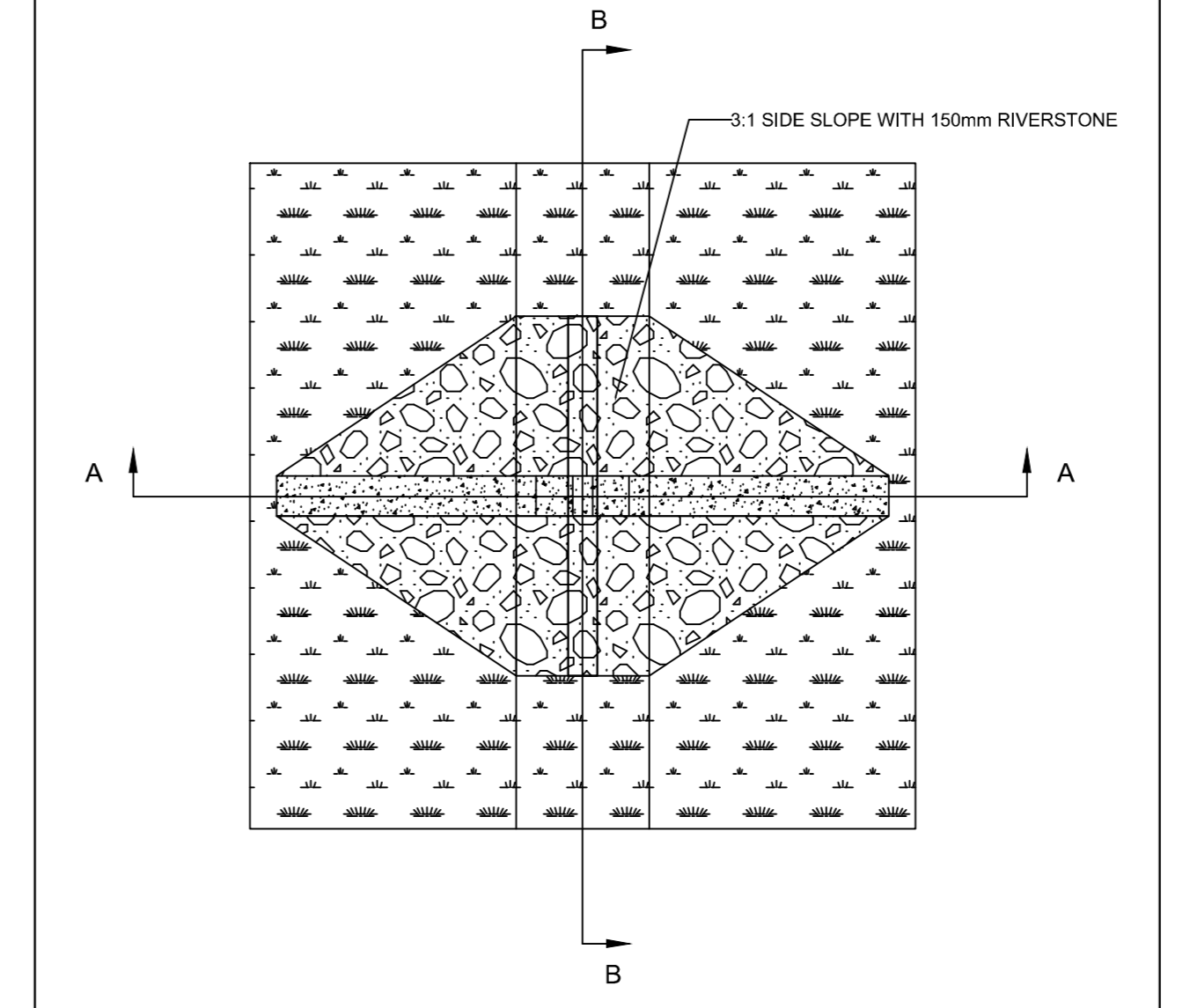
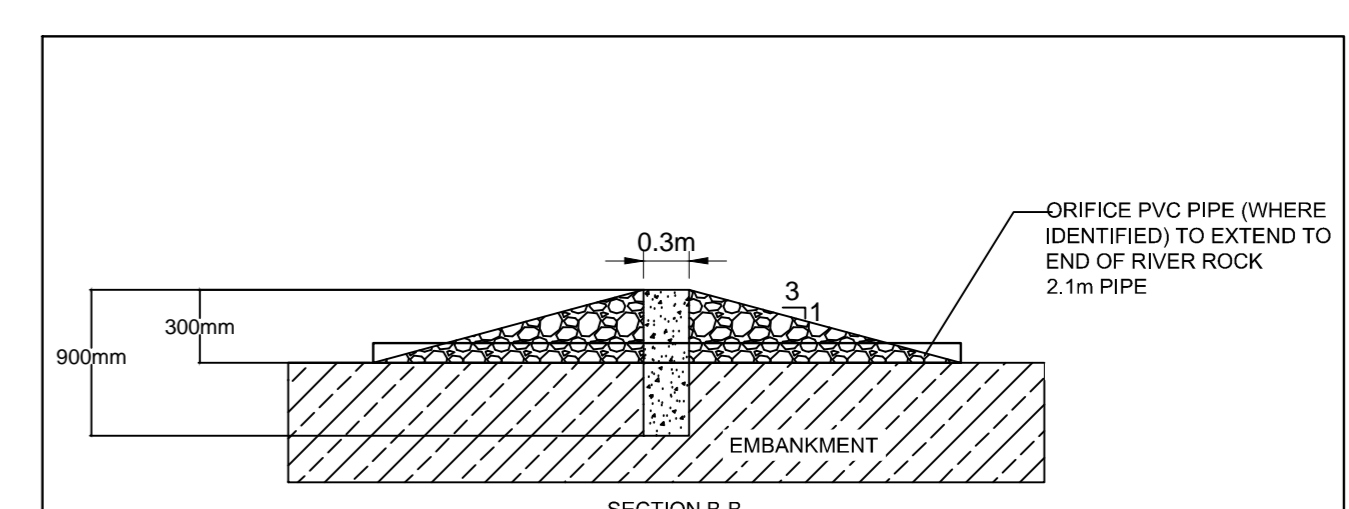
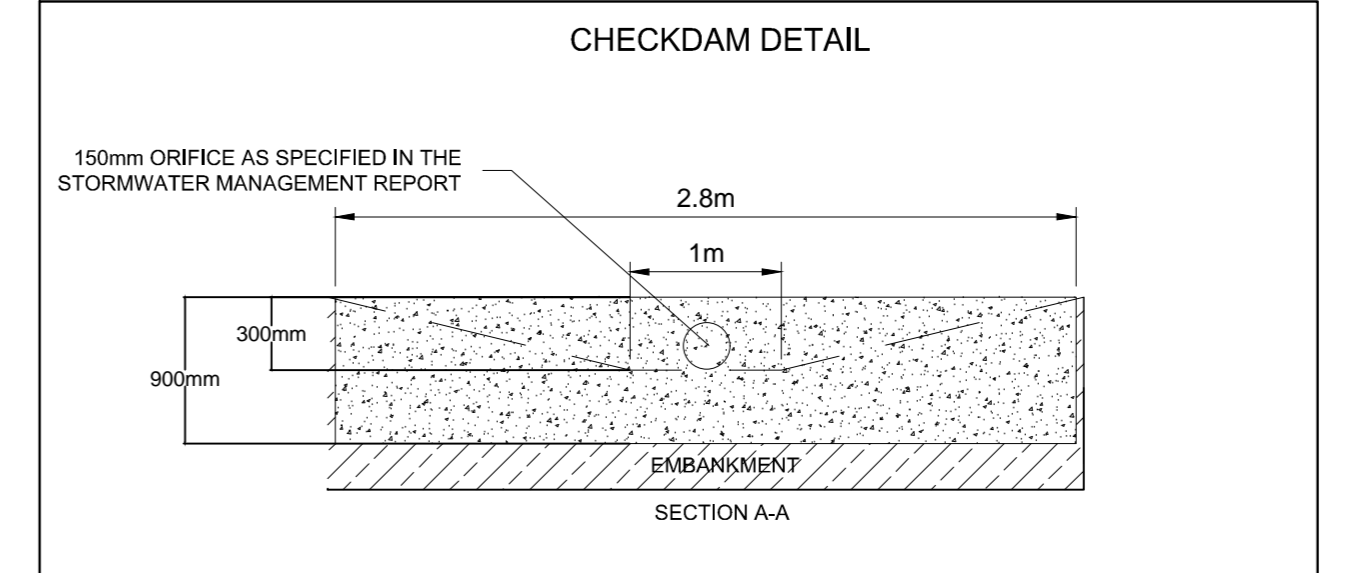
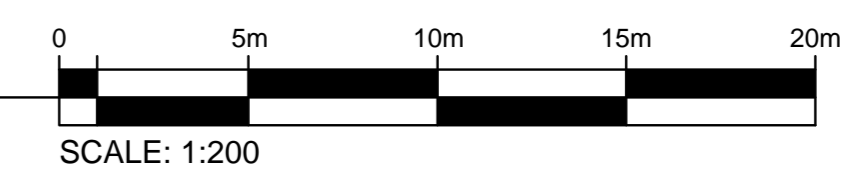




1 PROPOSED FIELD HOUSE
SCALE=1:200



2 PROPOSED DRAINAGE
SCALE=1:200



- NOTES: EROSION AND SEDIMENT CONTROL**
- ** CONTRACTOR IS RESPONSIBLE FOR ALL INSTALLATION, MONITORING, REPAIR AND REMOVAL OF ALL EROSION AND SEDIMENT CONTROL FEATURES. **
- PRIOR TO START OF CONSTRUCTION:
 - INSTALL SILT FENCE IN LOCATION SHOWN.
 - INSTALL FILTER FABRIC OR SILT SACK FILTERS IN ALL THE CATCHBASINS AND MANHOLES TO REMAIN DURING CONSTRUCTION WITHIN THE SITE.
 - INSPECT MEASURES IMMEDIATELY AFTER INSTALLATION.
 - INSTALL MUD MAT AT CONSTRUCTION ENTRANCES.
 - DURING CONSTRUCTION:
 - MINIMIZE THE EXTENT OF DISTURBED AREAS AND THE DURATION OF EXPOSURE AND IMPACTS TO EXISTING GRADING.
 - 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.
 - PROTECT DISTURBED AREAS FROM OVERLAND FLOW BY PROVIDING TEMPORARY SWALES TO THE SATISFACTION OF THE FIELD ENGINEER. TIE-IN TEMPORARY SWALE TO EXISTING CBS AS REQUIRED.
 - PROVIDE TEMPORARY COVER SUCH AS SEEDING OR MULCHING IF DISTURBED AREA WILL NOT BE REHABILITATED WITHIN 30 DAYS.
 - INSPECT SILT FENCES, FILTER FABRIC FILTERS AND CATCH BASIN SUMPS WEEKLY AND WITHIN 24 HOURS AFTER A STORM EVENT. CLEAN AND REPAIR WHEN NECESSARY.
 - DOWNSTREAM STORM INFRASTRUCTURE SHALL BE PROTECTED FROM UNFILTERED RUNOFF DURING ON-SITE STORM INFRASTRUCTURE DEMOLITION.
 - DRAWING TO BE REVIEWED AND REVISED AS REQUIRED DURING CONSTRUCTION. EROSION CONTROL FENCING TO BE ALSO INSTALLED AROUND THE BASE OF ALL STOCKPILES.
 - 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.
 - 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).
 - NO ALTERNATE METHODS OF EROSION PROTECTION SHALL BE PERMITTED UNLESS APPROVED BY THE FIELD ENGINEER.
 - CITY ROADWAY AND SIDEWALK TO BE CLEANED OF ALL SEDIMENT FROM VEHICULAR TRACKING AS REQUIRED.
 - DURING WET CONDITIONS, TIRES OF ALL VEHICLES/EQUIPMENT LEAVING THE SITE ARE TO BE SCRAPPED.
 - ANY MUD/MATERIAL TRACKED ONTO THE ROAD SHALL BE REMOVED IMMEDIATELY BY HAND OR RUBBER TIRE LOADER.
 - TAKE ALL NECESSARY STEPS TO PREVENT BUILDING MATERIAL, CONSTRUCTION DEBRIS OR WASTE BEING SPILLED OR TRACKED ONTO ADJUTING PROPERTIES OR PUBLIC STREETS DURING CONSTRUCTION AND PROCEED IMMEDIATELY TO CLEAN UP ANY AREAS SO AFFECTED.
 - 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.
 - 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.

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wsp
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Ottawa, Ontario K2B 8Z2 Canada
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LEGEND

- 96.00 EXISTING GRADE
- 94.00 PROPOSED GRADE
- 5:1 PROPOSED SLOPE
- PROPOSED CURBSTOP
- PROPOSED WATER SERVICE
- PROPOSED SANITARY SERVICE

PROFESSIONAL ENGINEER
J. W. ZHANG
100155788
2023-06-23
PROVINCE OF ONTARIO

CLIENT: OTTAWA SOUTH UNITED

PROJECT: 6560 MITCH OWENS DRIVE
OTTAWA, ONTARIO

KEY PLAN: [Site location map]

REVISIONS:

NO.	DATE	DESCRIPTION
4	2023-06-23	ISSUED FOR CONSTRUCTION
3	2023-05-12	REVISED FOR SPA
2	2023-04-07	ISSUED FOR CONTRACTOR AND CLIENT REVIEW
1	2022-07-29	ISSUED FOR BUILDING PERMIT
0	2022-06-23	ISSUED FOR SPA

PROJECT NO.: 211-13935-00 **DATE:** 2023-06-23

ORIGINAL SCALE: AS NOTED **IF THIS BAR IS NOT 20mm LONG, RESET YOUR PLOTTING SCALE.**

DRAWN BY: J.Z. **CHECKED BY:** I.J. **DISCIPLINE:** CIVIL

TITLE: GRADING AND EROSION CONTROL

SHEET NUMBER: C001

DATE OF: 2023-06-23



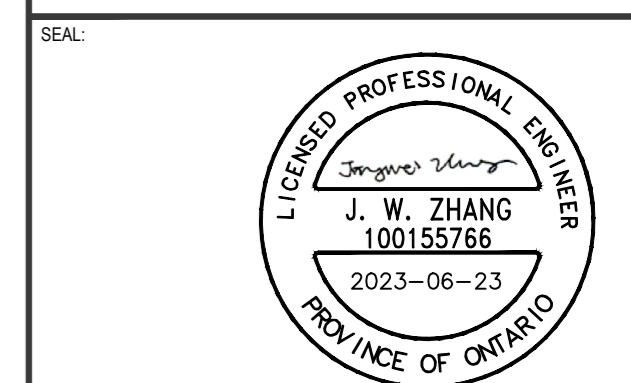
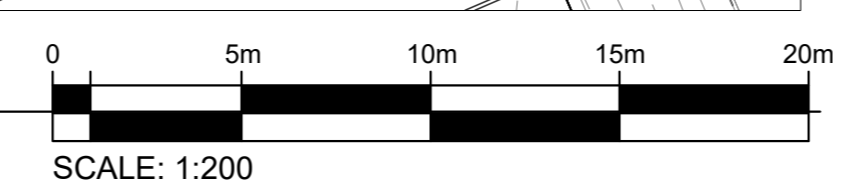
LEGEND

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

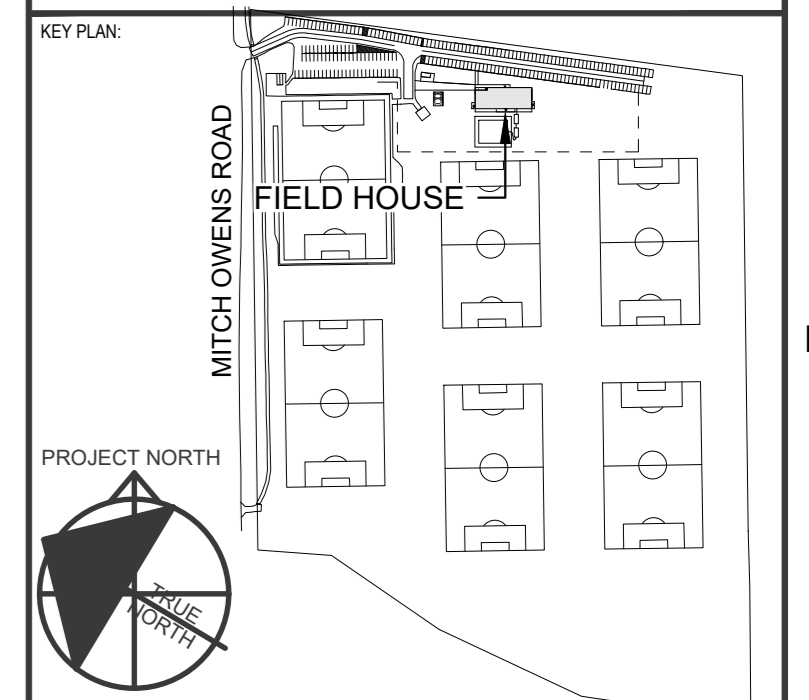
- NOTES: GENERAL**
- PRIOR TO COMMENCEMENT OF EXCAVATIONS, UNDERGROUND SERVICES SHALL BE LOCATED.
 - CONTRACTOR MUST REPORT ANY DISCREPANCIES TO THE PROJECT ENGINEER TO DETERMINE THE IMPACT.
 - ANY CHANGES MUST BE APPROVED BY THE PROJECT ENGINEER.
 - ALL CONSTRUCTION MATERIAL MUST MEET AT MINIMUM, THE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

BENCHMARK:
 ELEVATIONS ARE ORTHOMETRIC AND ARE REFERRED TO THE CGVD-1928:1978 VERTICAL DATUM, BEING DERIVED FROM THE VERTICAL BENCHMARK 001196530367 HAVING A PUBLISHED ELEVATION OF 59.976m.
 BEARINGS AND COORDINATES ARE MTM GRID AND ARE DERIVED FROM HORIZONTAL CONTROL MONUMENT 01919680367, BY REAL TIME NETWORK (RTN) GPS OBSERVATIONS, MTM ZONE 9, NAD83 (CSRS 2010v6).
 DISTANCES HEREON ARE GROUND DISTANCES AND CAN BE CONVERTED TO GRID DISTANCES BY MULTIPLYING BY A COMBINED SCALE FACTOR 0.999945.

1 PROPOSED FIELD HOUSE
 C002 SCALE=1:200



6560 MITCH OWENS DRIVE
 OTTAWA, ONTARIO



DISCLAIMER:
 THE DRAWING AND DESIGN IS COPYRIGHT PROTECTED WHICH SHALL NOT BE USED, REPRODUCED OR IN ANY MANNER WITHOUT PERMISSION FROM WSP. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND UTILITY LOCATIONS AND REPORT ALL ERRORS AND OMISSIONS PRIOR TO COMMENCING WORK.
 THIS DRAWING IS NOT TO BE SCALED.

ISSUED FOR: REVISION:

NO.	DATE	DESCRIPTION
4	2023-06-23	ISSUED FOR CONSTRUCTION
3	2023-05-12	RE-ISSUED FOR SPA
2	2023-04-07	ISSUED FOR CONTRACTOR AND CLIENT REVIEW
1	2022-07-29	ISSUED FOR BUILDING PERMIT
0	2022-06-23	ISSUED FOR SPA

PROJECT NO:	211-13935-00	DATE:	2023-06-23
ORIGINAL SCALE:	AS NOTED	IF THIS BAR IS NOT 25mm LONG, RESIST YOUR PLOTTING SCALE.	
DESIGNED BY:	J.Z.		
DRAWN BY:	I.S./B.N.		
CHECKED BY:	I.J.		
DISCIPLINE:	CIVIL		
TITLE:	SITE SERVICING		

SHEET NUMBER:	C002		
SHEET #	2	OF	2
ISSUED FOR CONSTRUCTION			
DATE OF:	2023-06-23		4