

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

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- 1.1. PRIOR TO THE REMOVAL OF ANY VEGETATIVE COVER, MOVING OF ANY SOIL, AND CONSTRUCTION:
 - 1.1.1. INSTALL SILT FENCE IMMEDIATELY DOWNSTREAM FROM AREAS TO BE DISTURBED (SEE PLAN FOR LOCATION).
 - 1.1.2. INSTALL GEOSOCK INSERTS WITH AN OVERFLOW IN ALL THE DOWNSTREAM CATCH BASINS AND MANHOLES.
 - 1.1.3. INSTALL SILTSACK FILTERS IN ALL CONCRETE CATCH BASIN STRUCTURES.
 - 1.1.4. INSPECT MEASURES IMMEDIATELY AFTER INSTALLATION.

- 2.1. WORK TO BE DONE IN THE VICINITY OF MAJOR WATERWAYS TO BE CARRIED OUT FROM JULY TO SEPTEMBER ONLY.
- 2.2. MINIMIZE THE EXTENT OF DISTURBED AREAS AND THE DURATION OF EXPOSURE.
- 2.3. PROTECT DISTURBED AREAS FROM RUNOFF.
- 2.4. PROVIDE TEMPORARY COVER SUCH AS SEEDING OR MULCHING IF DISTURBED AREA WILL NOT BE REHABILITATED WITHIN 30 DAYS.
- 2.5. INSPECT SILT FENCE, FILTER CLOTHS, AND CATCH BASIN SUMPS WEEKLY AND AFTER EVERY MAJOR STORM EVENT. CLEAN AND REPAIR WHEN NECESSARY
- 2.6. PLAN TO BE REVIEWED AND REVISED AS REQUIRED DURING CONSTRUCTION.
- 2.7. EROSION CONTROL FENCING TO BE ALSO INSTALLED AROUND THE BASE OF ALL STOCKPILES.
- 2.8. DO NOT LOCATE TOPSOIL PILES AND EXCAVATION MATERIALS CLOSER THAN 2.5m FROM ANY PAVED SURFACE, OR ONE WHICH IS TO BE PAVED BEFORE PILE IS REMOVED. ALL TOPSOIL PILES ARE TO BE SEED IF THEY ARE TO REMAIN ON SITE LONG ENOUGH FOR SEEDS TO GROW (30 DAYS).

- 2.9. CONTROL WIND-BLOWN DUST OFF SITE TO ACCEPTABLE LEVELS BY SEEDING/TOSS DUST PILLS AND OTHER AREAS TEMPORARILY (PROVIDE WATERING AS REQUIRED).
 - 2.10. ALL EROSION CONTROL STRUCTURE TO REMAIN IN PLACE UNTIL ALL DISTURBED GROUND SURFACES HAVE BEEN STABILIZED EITHER BY PAVING OR RESTORATION OF VEGETATION AND EROSION CONTROL.
 - 2.11. TO ALTERNATE METHODS OF EROSION PROTECTION SHALL BE PERMITTED UNLESS APPROVED BY THIS CONSULTING ENGINEER AND THE CITY DEPARTMENT OF PUBLIC WORKS. "TO PREVENT UNNECESSARY SEDIMENT DISCHARGE, THE CONTRACTOR IS PERMITTED TO PLACE ADDITIONAL SEDIMENT AND EROSION CONTROL MEASURES IN A TIMELY MANNER; IF REQUIRED, THE CONTRACTOR TO ADVISE CONSULTANT ONCE INSTALLED FOR INSPECTION".
 - 2.12. CONTRACTOR RESPONSIBLE FOR CITY ROADWAY AND SIDEWALK TO BE CLEARED OF ALL SEDIMENT FROM VEHICULAR TRACKING ETC., AT THE END OF EACH WORK DAY.
 - 2.13. PROVIDE GRAVEL ENTRANCE WHEREVER EQUIPMENT LEAVES THE SITE TO PREVENT MUD TRACKING ON PAVED SURFACES. GRAVEL BED SHALL BE A MINIMUM OF 15m LONG, 4m WIDE AND 0.3m DEEP AND SHALL CONSIST OF COARSE (50mm CRUSHER-RUN LIMESTONE). MAINTAIN GRAVEL ENTRANCE IN CLEAN CONDITION.
 - 2.14. DURING WET CONDITIONS, TIRES OF ALL VEHICLES/EQUIPMENT LEAVING THE SITE ARE TO BE SCRAPPED.
 - 2.15. ANY MUD/MATERIAL TRACKED ONTO THE ROAD SHALL BE REMOVED IMMEDIATELY BY HAND OR RUBBER TIRE LOADER.
 - 2.16. 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.
3. **AFTER CONSTRUCTION:**
- 3.1. PROVIDE PERMANENT COVER CONSISTING OF TOPSOIL AND SEED TO DISTURBED AREA.
 - 3.2. REMOVE STRAW BALE FLOW CHECK DAMS, SILT FENCES AND FILTER CLOTHS ON CATCH BASINS AND MANHOLE COVER. REMOVE DISTURBED AREAS HAVE BEEN REHABILITATED AND STABILIZED.
 - 3.3. INSPECT AND CLEAN CATCH BASIN SUMPS AND STORM SEWERS.

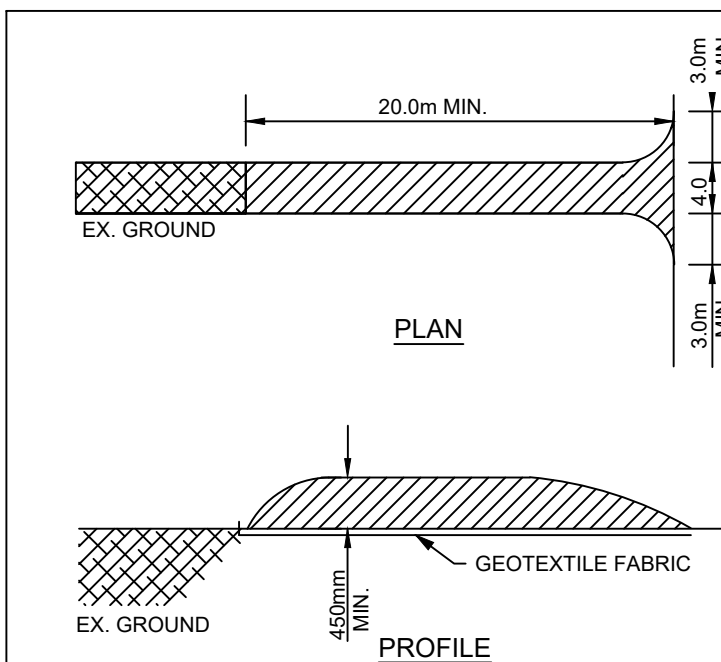
EXISTING PROPERTY LINE TO MAINTAIN

+50.00 PROPOSED ELEVATION
+50.00 (SW) SWALE ELEVATION
+50.00 (BW) PROPOSED BOTTOM OF WALL ELEVATION
+50.00 (TW) PROPOSED TOP OF WALL ELEVATION
+50.00 (BC) PROPOSED BOTTOM OF CURB ELEVATION
+50.00 (TC) PROPOSED TOP OF CURB ELEVATION
+50.00 (ME) PROPOSED ELEVATION MATCH INTO EXISTING ELEVATION

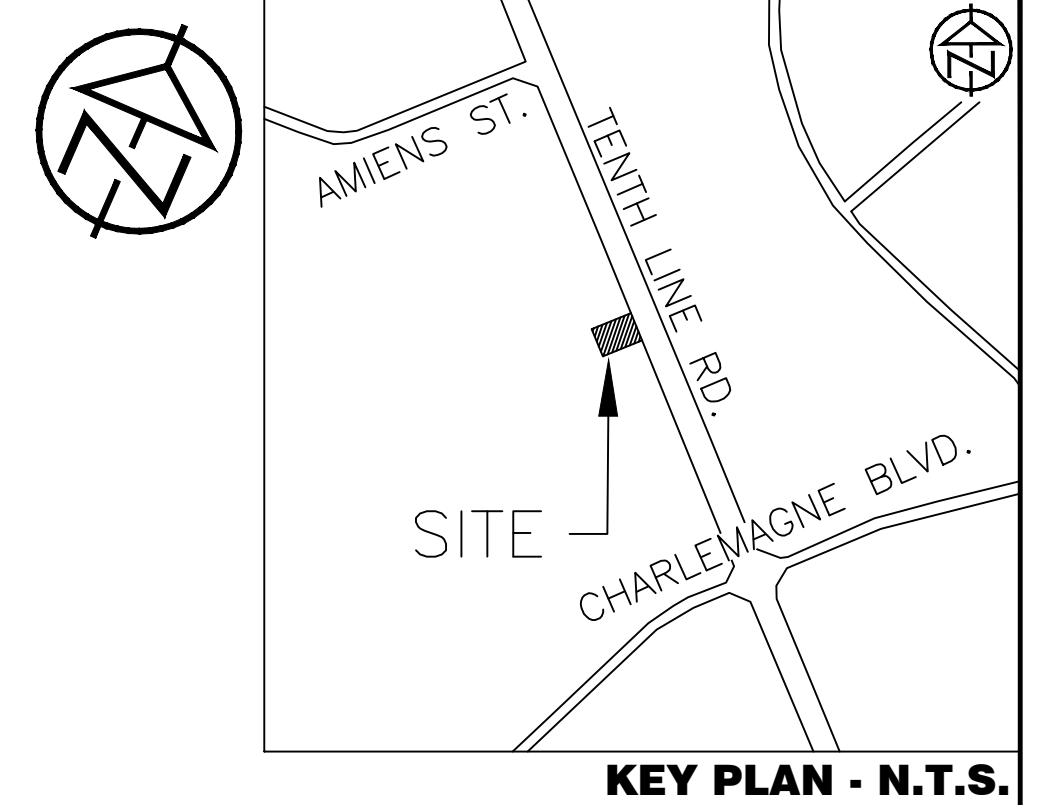
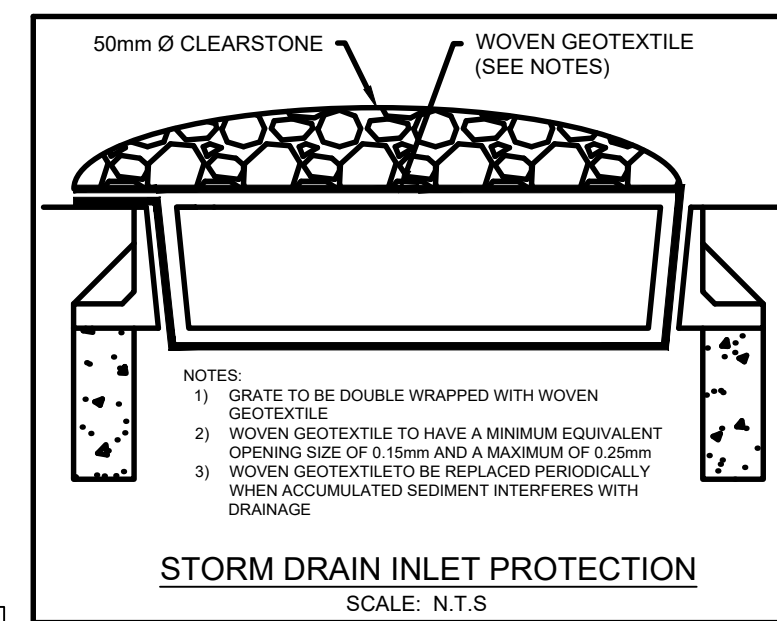
= 70.19 EXISTING ELEVATION

— G — S — S — S — S —
STM STM STM STM STM
SAN SAN SAN SAN SAN

PROPOSED 200mmID PERFORATED SUBDI
PROPOSED STORM SEWER
PROPOSED SANITARY SEWER



	PROPOSED WATERMAIN		PROPOSED SILT FENCE AS PER OPSD 219.110
	WTR		
	EXISTING SANITARY SEWER		
	WTR		PROPOSED GRASS AREA. REFER TO LANDSCAPING
	EXISTING WATERMAIN		PROPOSED CONCRETE FEATURES/SLAB
	PROPOSED CATCH-BASIN/BAHOLE/MANHOLE/AREA DRAIN		PROPOSED HEAVY DUTY ASPHALT
	PROPOSED CURB STOP		PROPOSED LIGHT DUTY ASPHALT
	PROPOSED PIPE INSULATION		PROPOSED GRAVEL AREA
	PROPOSED 100 YEAR HIGH WATER LEVEL		PROPOSED RIP RAP AS PER OPSD 810.010
	STORM WATERSHED EXTENT		PROPOSED WATER METER
	WATERSHED NAME V-VEGETATION C-CONTROLS		
	AREA IN HECTARES		
	RUNOFF COEFFICIENT		
	AREA IN HECTARES		
	PROPOSED CONCRETE RETAINING WALL		



STONE SIZE - THE STONE PAD SHALL BE A MIN. 450mm THICK. USE 500mm STONE OR RECLAIMED CONCRETE EQUIVALENT FOR FIRST 10m FROM ADJACENT ROAD & 150mmØ STONE. FOR REMAINDER OF STONE PAD.

LENGTH - AS REQUIRED BUT NOT LESS THAN 20m.

WIDTH - 4m MIN. BUT NOT LESS THAN THE WIDTH AT POINTS WHERE INGRESS. AND EGRESS OCCURS.
GEOTEXTILE FABRIC (TERRAFIX 270R OR EQUAL) WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING STONE.

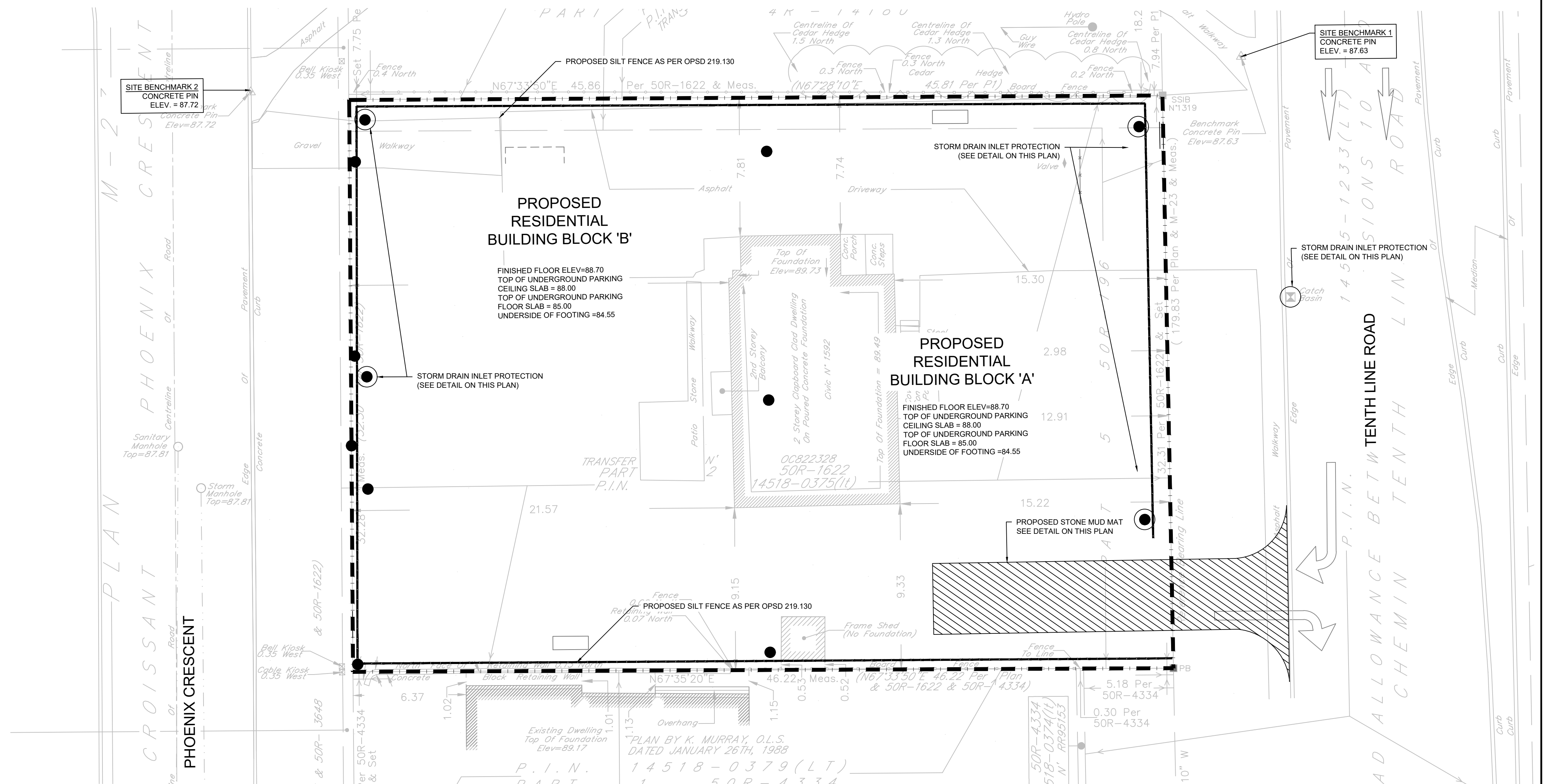
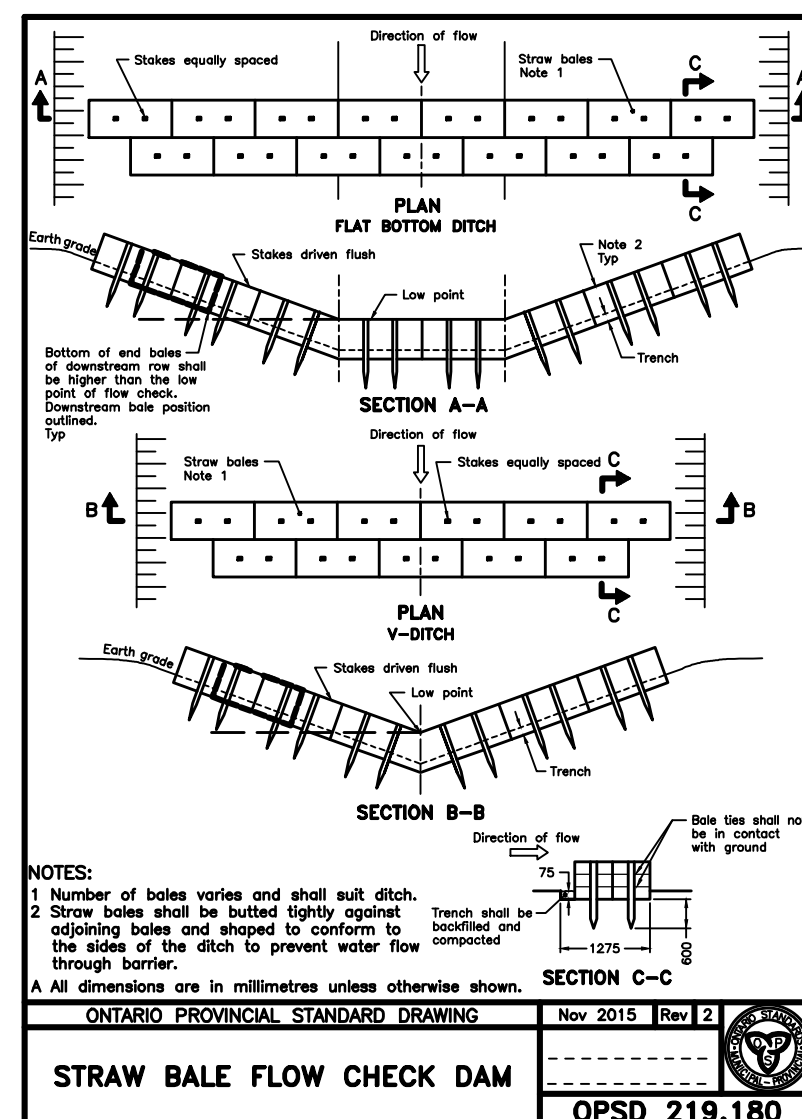
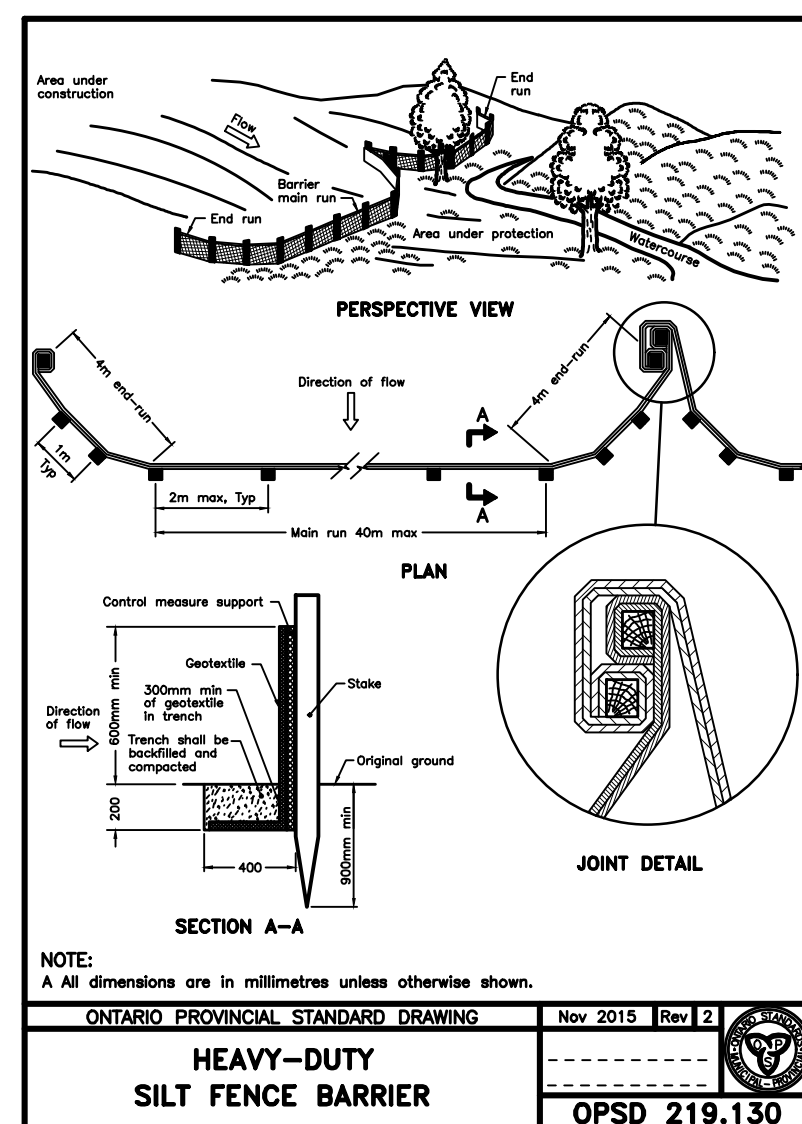
SURFACE WATER - ALL SURFACE WATER FLOWING OR DIRECTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE.

MAINTENANCE - THE CONTRACTOR SHALL MAINTAIN THE ENTRANCE IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC DRAPPING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, OBSERVED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY BY THE CONTRACTOR. UPON COMPLETION OF CONTINUOUS MUD TRACKING ON ADJACENT STREETS, THE STONE MAT IS TO BE FULLY REPLACED.

WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.

INSPECTION AND REQUIRED MAINTENANCE AFTER EACH RAIN SHALL BE PROVIDED BY THE CONTRACTOR.

SCALE: N.T.S



CONTRACTOR MUST VERIFY ALL DIMENSIONS AND BE RESPONSIBLE FOR SAME. ANY DISCREPANCIES MUST BE REPORTED TO THE ENGINEER BEFORE COMMENCING WORK. DRAWINGS ARE NOT TO BE SCALED.

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THIS DRAWING WHICH MAY NOT BE USED FOR ANY
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ENGINEER WITHOUT THE EXPRESS CONSENT OF
TATHAM ENGINEERING LIMITED.

LEGAL AND TOPOGRAPHIC SURVEY COMPLETED BY
ARPENTAGE DUTRISAC SURVEYING INC.

BENCHMARK1: CONCRETE PIN LOCATED ON NORTH-EAST CORNER OF THE SITE, ELEVATION: 87.63

BENCHMARK2: CONCRETE PIN LOCATED ON NORTH
WEST CORNER OF THE SITE, ELEVATION: 87.72

No.	REVISION DESCRIPTION	DATE	ENGINEER STAMP
1.	ISSUED FOR SPA	DEC. 2022	
2.	AS PER ARCHITECT'S COMMENTS	DEC. 2022	
3.	RE-ISSUED FOR SPA	JUN. 2023	
4.	RE-ISSUED FOR SPA	DEC. 2023	
5.	RE-ISSUED FOR SPA	MAR. 2024	



BRIDOR DEVELOPMENTS
1592 TENTH LINE ROAD
CITY OF OTTAWA

SEDIMENT & EROSION CONTROL PLAN



DESIGN: HY/GC	FILE: 522677
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DRAWN BY	DATE
	NOV 2000

DRAWN: TIT	DATE: NOV 2022

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