PHASE 1 TEMP / PHASE 2

PHASE 1

GLENORCHY ROAD

EXISTING DOUBLE CATCH BASIN MANHOLE SILT SACK

EXISTING MANHOLE SILT SACK

EXISTING CATCH BASIN SILT SACK

PROPOSED HEAVY DUTY SILT FENCE (TYP.)

PROPERTY LINE

PROPOSED MUD MAT (STABILIZED CONSTRUCTION ENTRANCES)

PROPOSED CBMH SILT SACK

SITE TRAILERS

PROPOSED HEAVY DUTY SILT FENCE (TYP.)

ROOF PODIUM H: 6.2m

MECHANICAL PENTHOUSE ROOF H: 24.2m

BLOCK 2 FF=162.75

FOURTH FLOOR ROOF H: 18.2m

GROUND FLOOR ROOF H: 6.2m

SECOND FLOOR ROOF H: 10.2m

HYD c/w STORZ CONNECTION

SINGLE STOREY ROOF H: 4.5m

ERINOAKKIDS CENTRE
2 STOREY
BRICK, METAL CLAD & GLASS BUILDING
2000

EXISTING DITCH INLET SILT SACK

PROPOSED HEAVY DUTY SILT FENCE (TYP.)

PROPOSED CATCHBASIN SILT SACK

SITE BENCHMARK #103 CUT CROSS ELEV = 162.566m

WILLIAM HALTON PARKWAY

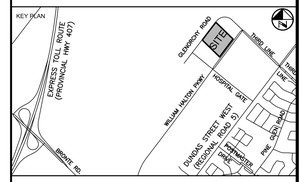
TAPLOW CREEK

'STREET A'

THIRD LINE

Infrastructure Ontario

KEY PLAN



North

DATE	ISSUANCE	NO.
2026.04.30	ISSUED FOR TOWN OF OAKVILLE REVIEW	1

LEGEND

- HEAVY DUTY SILT FENCE
- LIGHT DUTY SILT FENCE
- CONSTRUCTION FENCING
- HAY BALES/ COIR LOGS
- TEMPORARY INTERCEPTOR SWALE
- EXISTING CATCHBASIN TO BE PROTECTED
- PROPOSED CATCHBASIN TO BE PROTECTED
- EXISTING CONTOUR
- PROPOSED OVERLAND FLOW ROUTE

1:750
0 7.5 15.0 37.5

CLIENT

INFRASTRUCTURE ONTARIO

PROJECT

MECP - MLITSD SCIENCE FACILITY COMPLEX
OAKVILLE, ONTARIO

TITLE

EROSION AND SEDIMENT CONTROL PLAN

WALTERFEDY

TORONTO|CALGARY|EDMONTON|KITCHENER|**HAMILTON**

800.685.1378 **walterfedy.com**

LICENSED PROFESSIONAL ENGINEER B.W. VERSPAGEN 4307 PROVINCE OF ONTARIO

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SCALE:	1:750
DATE:	2026-04-30
PROJECT NO.:	2025-0550-10
DRAWN BY:	RD,JJ,RN
CHECKED BY:	BV, NN

SHEET NO.: **C-700**

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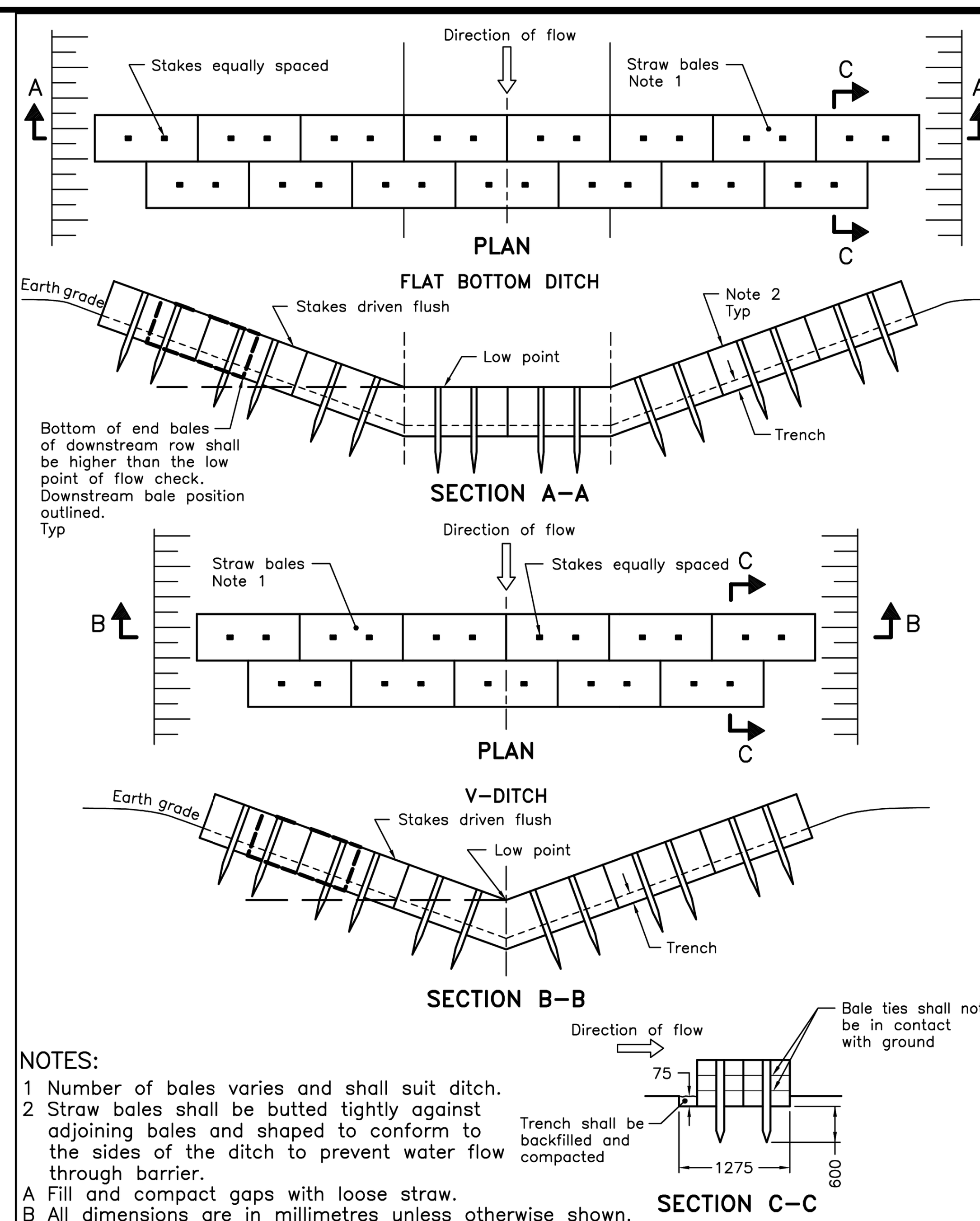
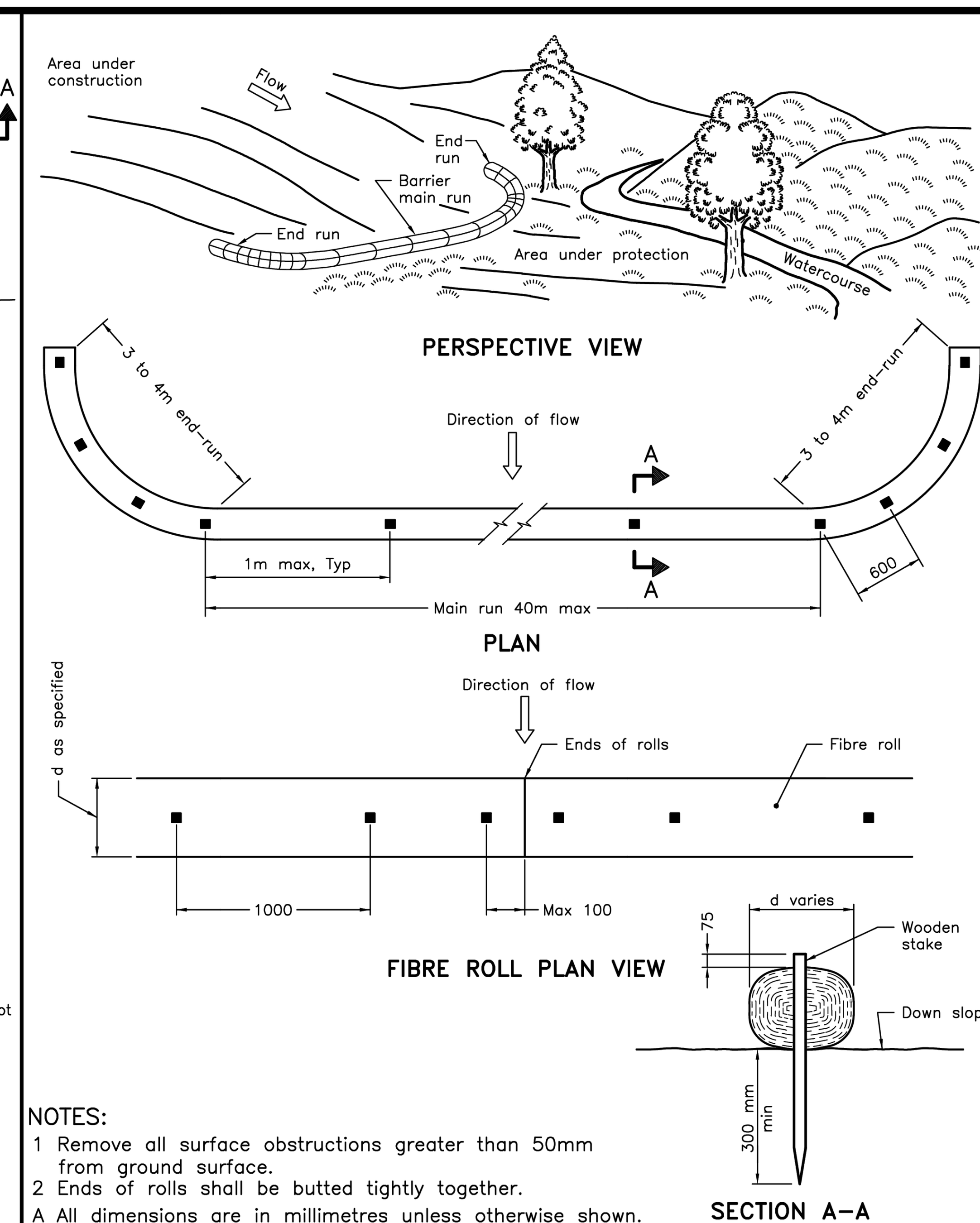
EROSION CONTROL NOTES

1. ALL EROSION CONTROL FENCING, TEMPORARY FILTRATION, AND TURBIDITY BARRIERS MUST BE INSTALLED BY THE CONTRACTOR AND INSPECTED BY THE CONTRACT ADMINISTRATOR PRIOR TO COMMENCEMENT OF ANY AREA GRADING, EXCAVATING, OR DEMOLITION. CONTRACTOR TO NOTIFY CONSULTANT FOR INSPECTION.
2. EROSION CONTROL FENCING TO BE PLACED AROUND THE BASE OF ALL STOCKPILES. ALL STOCKPILES TO BE KEPT A MINIMUM OF 2.5m FROM PROPERTY LINES.
3. FILTER FABRIC TO BE TERRAFIX 270R OR APPROVED EQUIVALENT.
4. MUD MATS TO BE PROVIDED ON SITE AT ALL LOCATIONS WHERE CONSTRUCTION VEHICLES EXIT THE SITE. MUD MATS SHALL BE SUPPLIED AS INSTALLED AS PER THE DETAIL SHEET C0-801. CONTRACTOR TO ENSURE ALL VEHICLES LEAVE THE SITE VIA THE MUD MAT AND THAT THE MAT IS MAINTAINED IN A MANNER TO MAXIMIZE ITS EFFECTIVENESS AT ALL TIMES.
5. WATER OR CALCIUM CHLORIDE SHALL BE USED TO PREVENT DUST LEAVING THE SITE. DUST SUPPRESSANTS AS PER OPSS 506.
6. ALL DITCH INLET CATCHBASINS, CATCHBASINS AND CATCHBASIN MANHOLES TO HAVE CATCHBASIN FILTER INLET PROTECTION INSTALLED ON GRATE IMMEDIATELY AFTER INSTALLATION AS PER CATCHBASIN FILTER INLET PROTECTION DETAIL IN THIS DRAWING SET. THIS INLET PROTECTION SHALL NOT BE REMOVED UNTIL PRIOR TO PAVING.
7. NO ALTERNATE METHODS OF EROSION CONTROL PROTECTION SHALL BE PERMITTED UNLESS APPROVED BY THE CONSULTANT AND THE AUTHORITY HAVING JURISDICTION.
8. ALL EROSION CONTROL STRUCTURES TO REMAIN IN PLACE UNTIL ALL DISTURBED GROUND SURFACES HAVE BEEN RE-STABILIZED EITHER BY PAVING OR RESTORATION WITH VEGETATIVE GROUND COVER.
9. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING SEDIMENTS FROM THE PUBLIC ROADWAY AT THE END OF EACH WORK DAY OR AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
10. ALL EROSION AND SEDIMENT CONTROL MEASURES TO BE INSPECTED BY THE CONTRACTOR AFTER MAJOR RAINFALL/SNOWMELT EVENTS AND CLEANED OR REPLACED AS REQUIRED TO MEET THEIR INTENDED FUNCTION. SEDIMENTS TO BE REMOVED WHEN ACCUMULATIONS REACH A MAXIMUM OF ONE THIRD (1/3) THE STRUCTURE CAPACITY.
11. THE CONSULTANT SHALL MONITOR SITE DEVELOPMENT TO ENSURE ALL EROSION CONTROLS ARE INSTALLED AND MAINTAINED TO THE TOWNSHIP OF EAST ZORRA-TAVISTOCK STANDARDS. CONTRACTOR TO COMPLY WITH THE CONSULTANTS INSTRUCTIONS TO INSTALL, MODIFY, OR MAINTAIN EROSION CONTROL WORKS.
12. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED AS SITE DEVELOPMENT PROGRESSES. CONTRACTOR TO PROVIDE ALL ADDITIONAL EROSION CONTROL STRUCTURES AS REQUESTED.



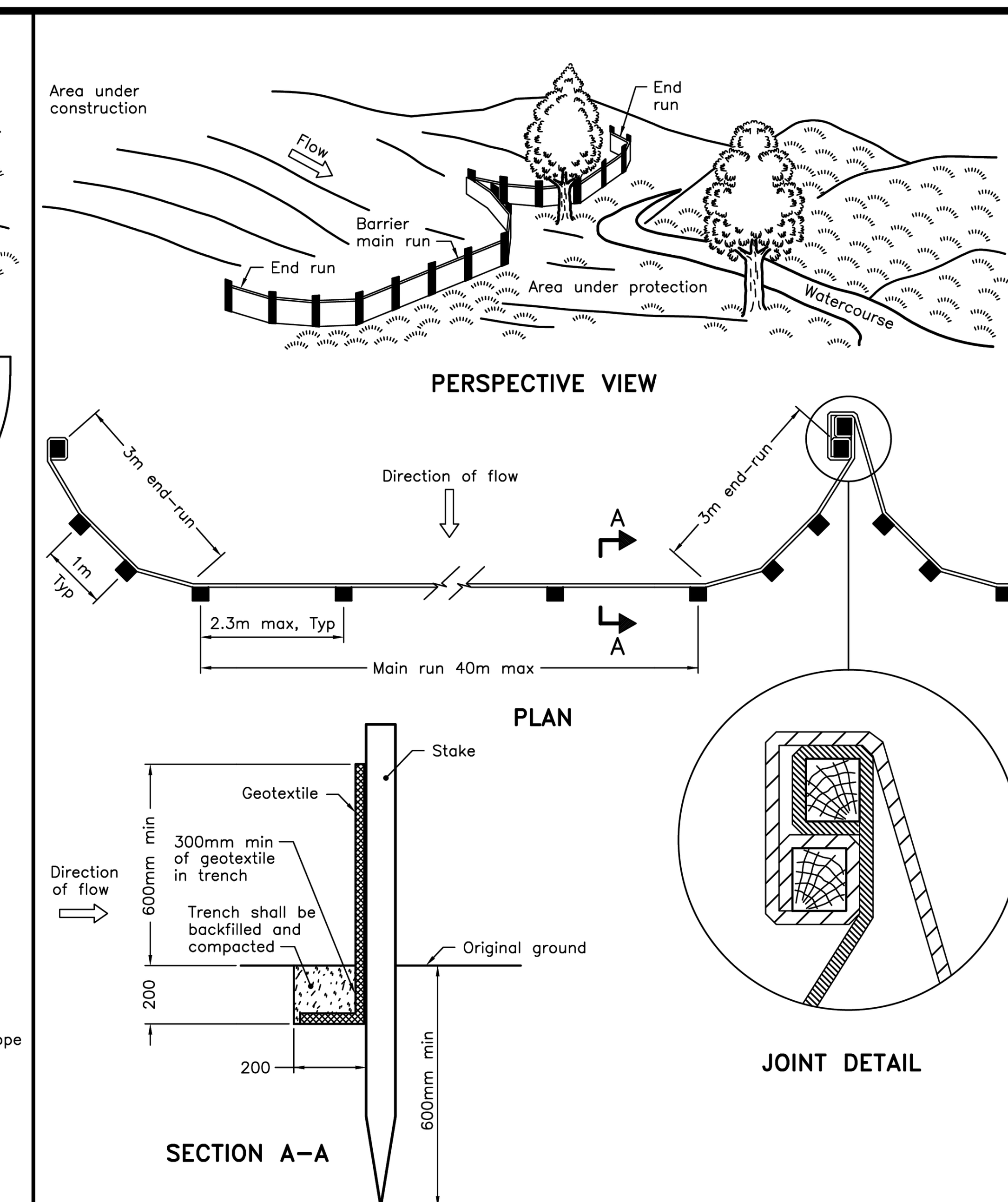
NOTES:
1 Number of bales varies and shall suit ditch.
2 Straw bales shall be butted tightly against adjoining bales and shaped to conform to the sides of the ditch to prevent water flow through barrier.
A Fill and compact gaps with loose straw.
B All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2021	Rev 3
STRAW BALE FLOW CHECK DAM		OPSD 219.180



NOTES:
1 Remove all surface obstructions greater than 50mm from ground surface.
2 Ends of rolls shall be butted tightly together.
A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2021	Rev 1
LIGHT–DUTY FIBRE ROLL BARRIER		OPSD 219.120

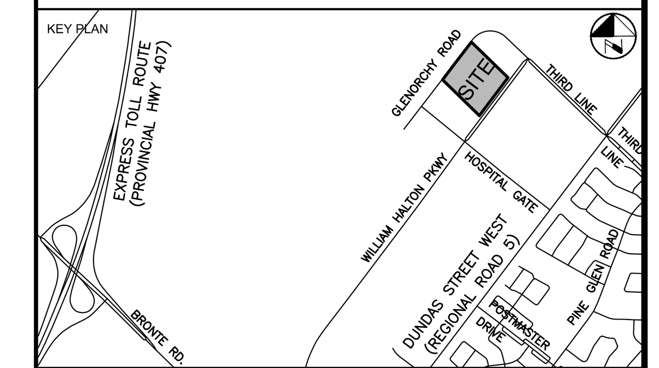


NOTE:
A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2021	Rev 3
LIGHT–DUTY SILT FENCE BARRIER		OPSD 219.110

Infrastructure Ontario

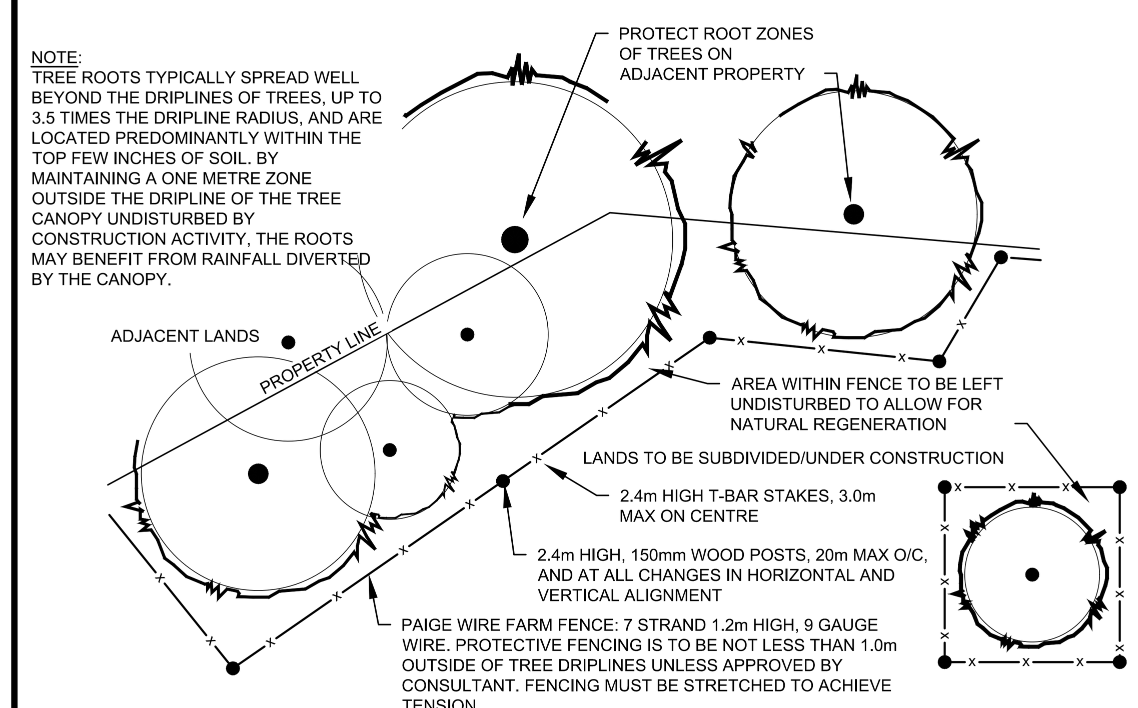
KEY PLAN



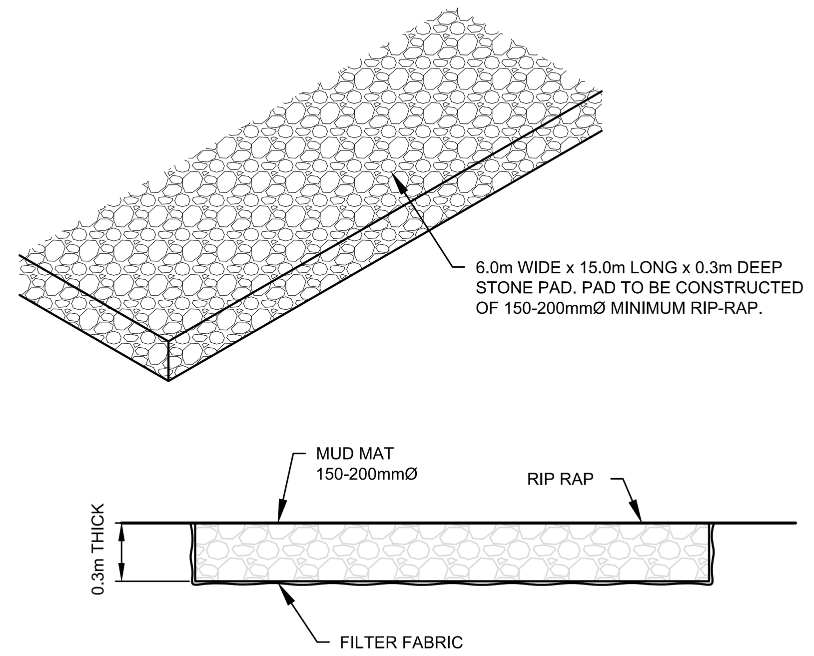
North

DATE	ISSUANCE	NO.
2026.04.30	ISSUED FOR TOWN OF OAKVILLE REVIEW	1

LEGEND
- HEAVY DUTY SILT FENCE
- LIGHT DUTY SILT FENCE
- CONSTRUCTION FENCING
- HAY BALES/ COIR LOGS
- TEMPORARY INTERCEPTOR SWALE
- EXISTING CATCHBASIN TO BE PROTECTED
- PROPOSED CATCHBASIN TO BE PROTECTED
- EXISTING CONTOUR (325.0)
- PROPOSED OVERLAND FLOW ROUTE

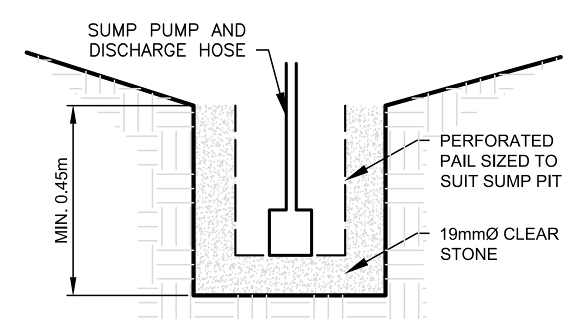


TEMPORARY TREE PROTECTIVE FENCING
N.T.S.



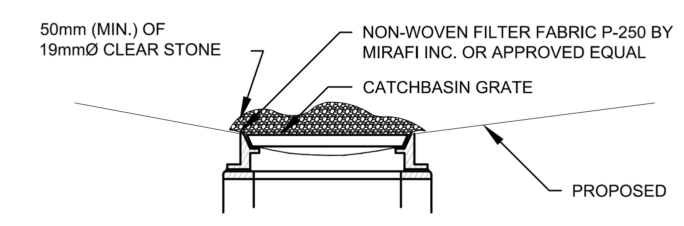
NOTE:
1. DESIGNATED ACCESS FOR ALL CONSTRUCTION TRAFFIC.
2. MUD MAT TO BE CONSTRUCTED PRIOR TO ANY SITE WORK.
3. CONTRACTOR TO CLEAN MUD MAT DAILY.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ANY MUD TRACKED ON TO MUNICIPAL ROADS.
5. MAT TO BE MAINTAINED IN GOOD WORKING ORDER UNTIL GRADING WORKS ARE COMPLETED AND GRANULAR "A" & "B" HAVE BEEN PLACED.

CONSTRUCTION MUD MAT DETAIL
N.T.S.



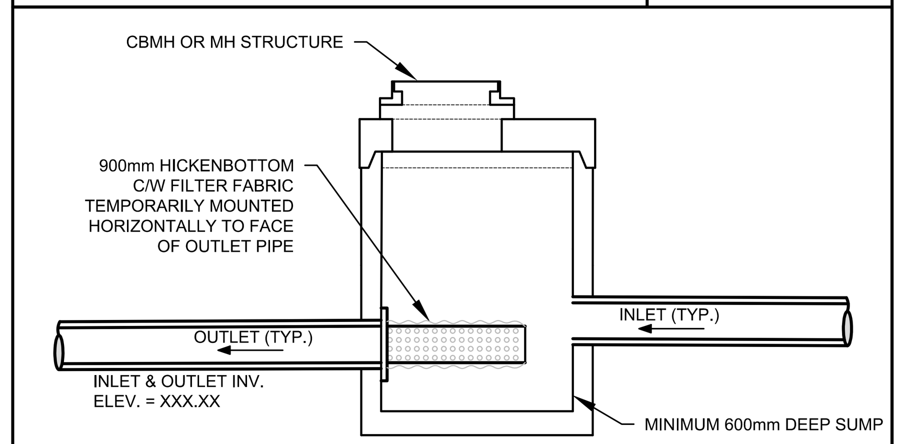
NOTES
1. DEPTH OF 19mmØ CLEAR STONE SUMP WILL VARY WITH REQUIRED PUMP SIZE BUT BE A MINIMUM OF 450mm.
2. SUMP TO BE EXCAVATED SO THAT THE WORK ZONE DRAINS TO THE SUMP (TYPICALLY LOCATED IN LOW SPOT WITH SMALL TRENCH EXCAVATED BY HAND TO IT AT THE DOWNSTREAM END OF THE WORK AREA).
3. 19mmØ CLEAR STONE MAY BE SUBSTITUTED WITH PEA GRAVEL.
4. 5 GALLON PERFORATED PAIL IS PLACED ON A BED OF STONE ATLEAST ½ THICKNESS OF THE PAIL DIAMETER.

DEWATERING SUMP DETAIL
N.T.S.



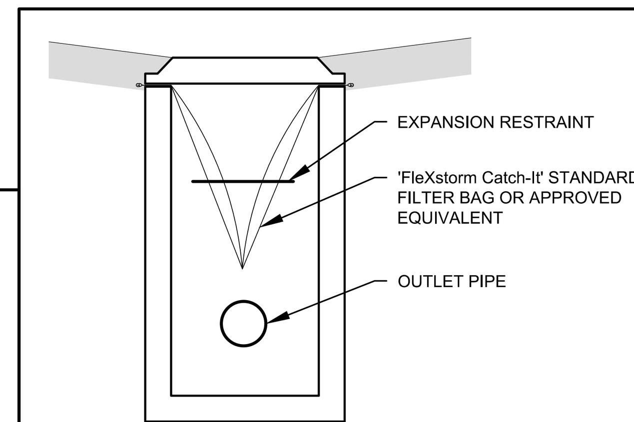
NOTE: FILTER FABRIC TO BE IN PLACE UNTIL SURROUNDING SURFACES ARE STABILIZED. MAINTENANCE TO BE COMPLETED BY CONTRACTOR AS NECESSARY.

CATCH BASIN FILTER DETAIL
N.T.S.



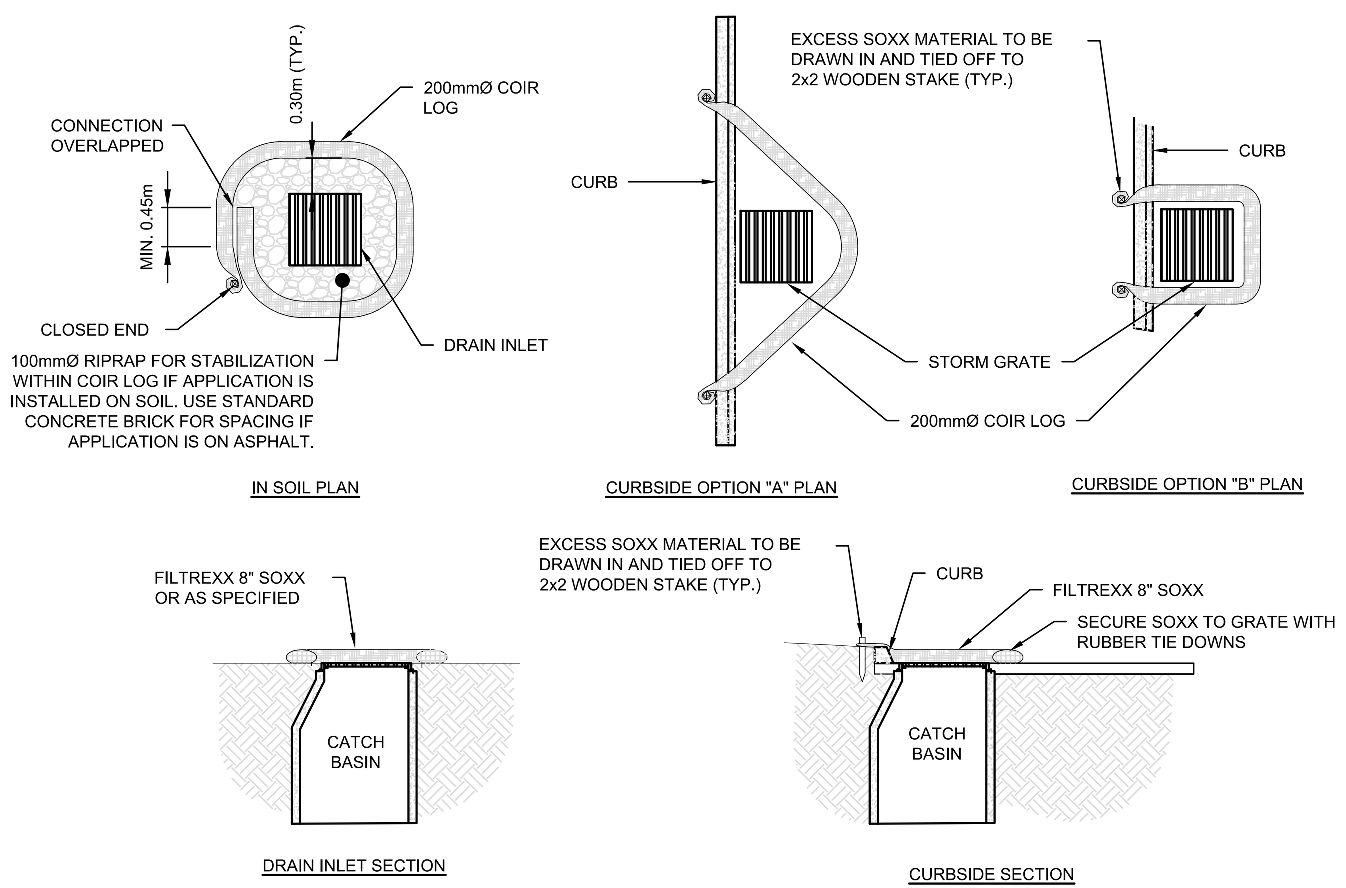
NOTE: ALL DIMENSIONED ELEVATIONS ARE DEPENDENT ON SWM DESIGN

OUTLET PROTECTION AT MH STRUCTURE DETAIL
N.T.S.



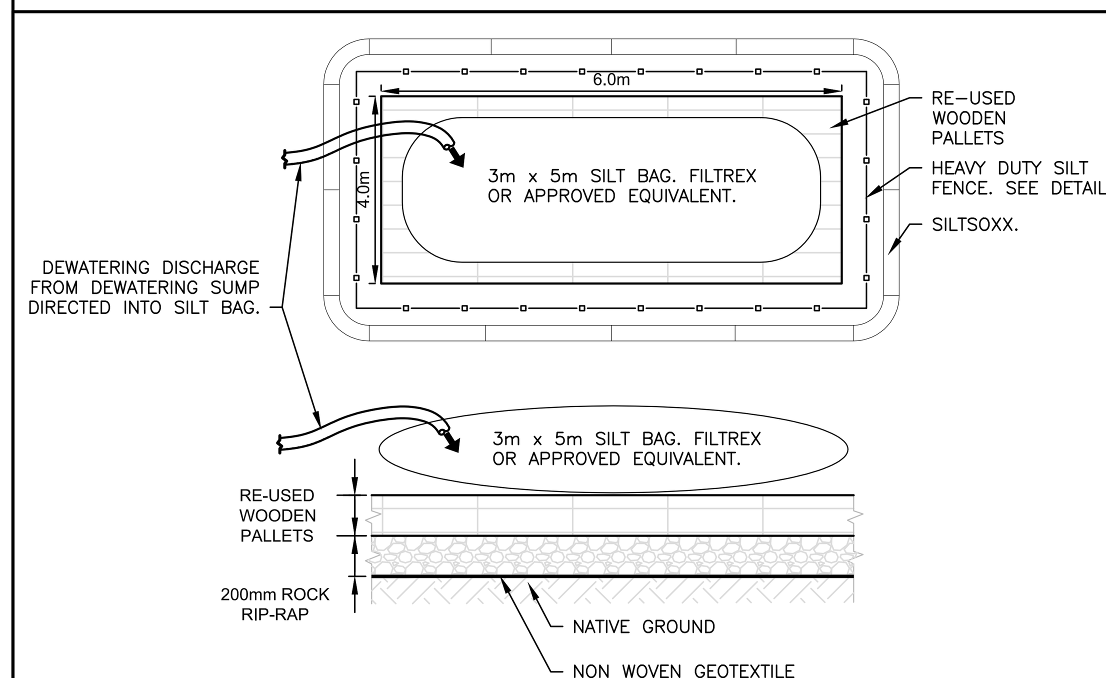
MAINTENANCE SCHEDULE:
- INSPECT AFTER EVERY MAJOR RAIN EVENT
- INSPECT EVERY 3 WEEKS MINIMUM
- SILTSACK SHOULD NEVER BE OVER HALF FULL
- FULL BAG CAN BE REMOVED, DUMPED, CLEANED, AND REUSED (TO REMOVE INSERT 25mm REBAR INTO REMOVAL FLAP POCKETS) (TO DUMP INSERT 25mm REBAR INTO BOTH DUMPING STRAPS)
- ANY DEBRIS THAT ENTERS STRUCTURE TO BE CLEANED IMMEDIATELY

TEMPORARY SILTATION CONTROL DETAIL
N.T.S.

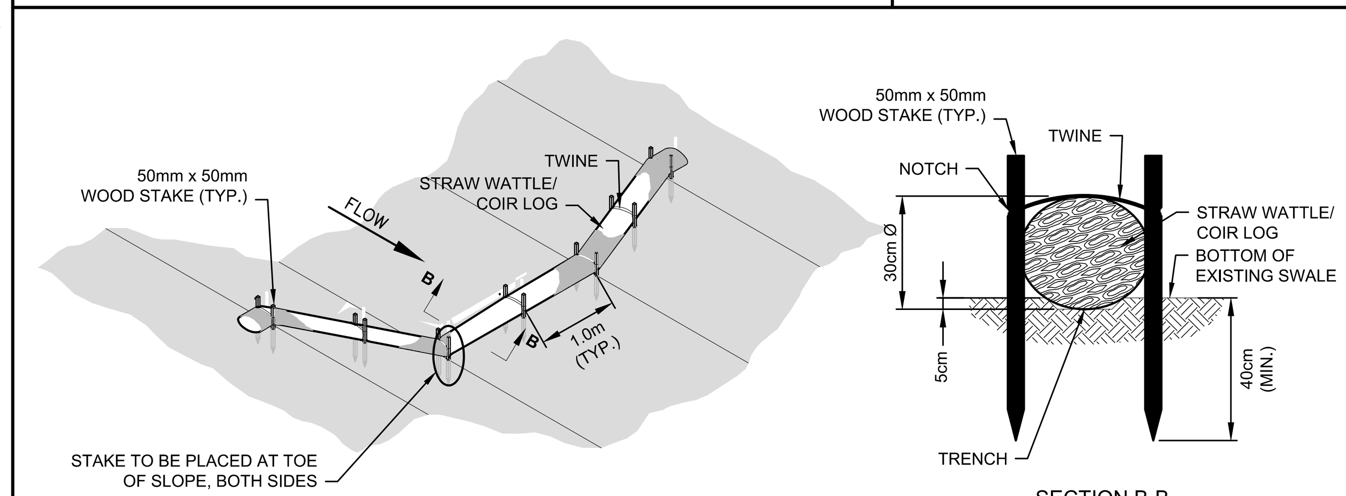


NOTES:
1. ALL MATERIAL TO MEET FILTREXX® SPECIFICATIONS.
2. FILTER MEDIA™ FILL TO MEET APPLICATION REQUIREMENTS.
3. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.
4. ON CURB APPLICATIONS 200mm SOXX TO BE COMPACTED TO BELOW CURB HEIGHT.
5. IN CURB APPLICATIONS 200mmØ SOXX TO BE USED, IN SOIL APPLICATIONS 300mmØ SOXX TO BE USED.

CATCHBASIN INLET PROTECTION DETAIL
N.T.S.



DEWATERING DISCHARGE APRON
N.T.S.



STRAW WATTLE/COIR LOG CHECK DAM DETAIL
N.T.S.

1:500 0 5.0 10.0 25.0

CLIENT
INFRASTRUCTURE ONTARIO

PROJECT
MECP - MLITSD SCIENCE FACILITY COMPLEX
OAKVILLE, ONTARIO

TITLE
EROSION AND SEDIMENT CONTROL DETAILS AND NOTES

WALTERFEDY
TORONTO|CALGARY|EDMONTON|KITCHENER|**HAMILTON**
800.685.1378 walterfedy.com

B.W. VERSPAGEN 4/30/2[...] PROVINCE OF ONTARIO

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DATE:	2026-04-30	C-701
PROJECT NO.:	2025-0550-10	
DRAWN BY:	RD,JJ,RN	
CHECKED BY:	BV, NN	

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