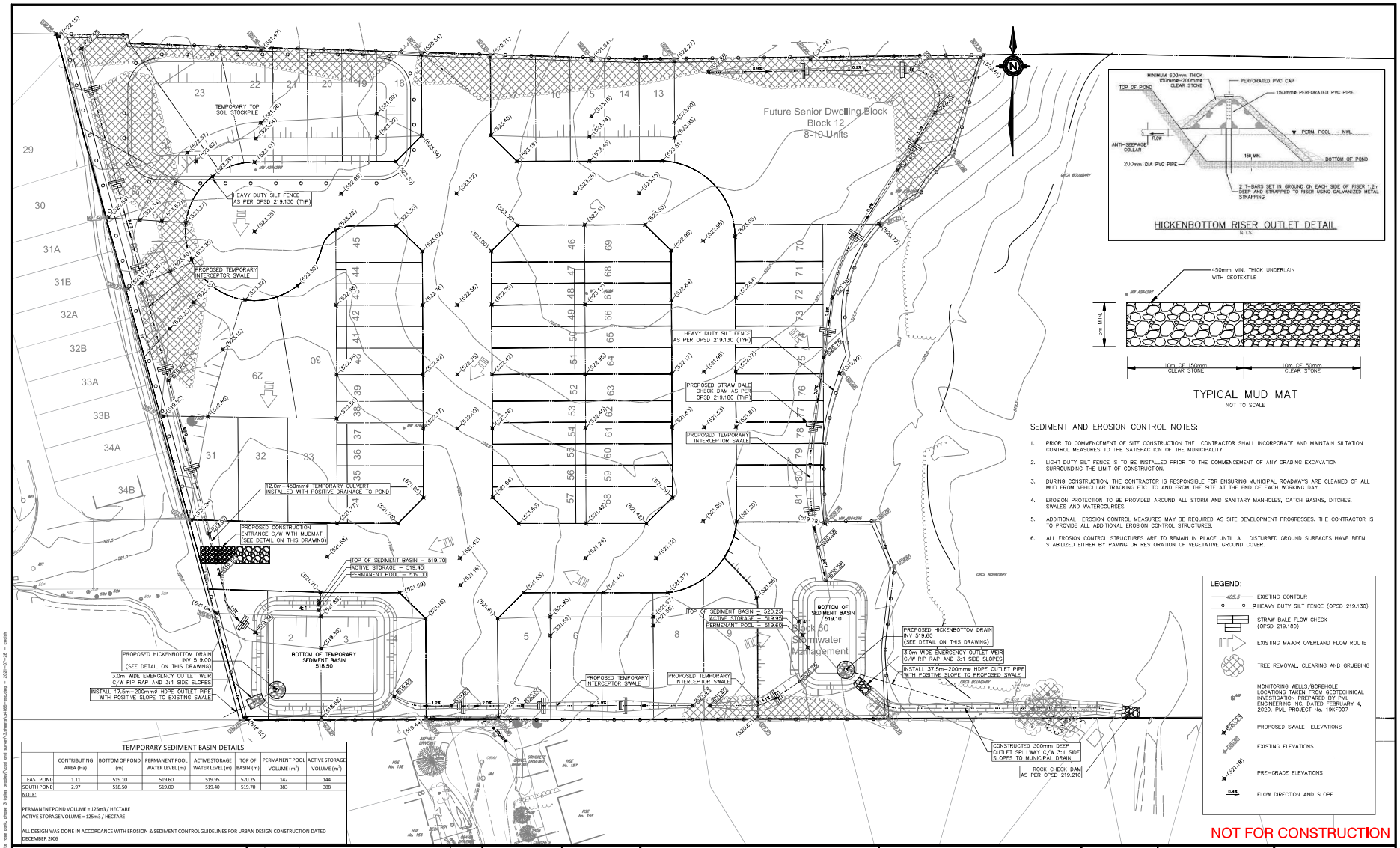

HICKENBOTTOM RISER OUTLET DETAIL

N.T.S.

TYPICAL MUD MAT

NOT TO SCALE

SEDIMENT AND EROSION CONTROL NOTES:

1. PRIOR TO COMMENCEMENT OF SITE CONSTRUCTION THE CONTRACTOR SHALL INCORPORATE AND MAINTAIN SILTATION CONTROL MEASURES TO THE SATISFACTION OF THE MUNICIPALITY.
2. LIGHT DUTY SILT FENCE IS TO BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY GRADING EXCAVATION SURROUNDING THE LIMIT OF CONSTRUCTION.
3. DURING CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR ENSURING MUNICIPAL ROADWAYS ARE CLEANED OF ALL MUD FROM VEHICULAR TRACKING ETC. TO AND FROM THE SITE AT THE END OF EACH WORKING DAY.
4. EROSION PROTECTION TO BE PROVIDED AROUND ALL STORM AND SANITARY MANHOLES, CATCH BASINS, DITCHES, SWALES AND WATERCOURSES.
5. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED AS SITE DEVELOPMENT PROGRESSES. THE CONTRACTOR IS TO PROVIDE ALL ADDITIONAL EROSION CONTROL STRUCTURES.
6. ALL EROSION CONTROL STRUCTURES ARE TO REMAIN IN PLACE UNTIL ALL DISTURBED GROUND SURFACES HAVE BEEN STABILIZED EITHER BY PAVING OR RESTORATION OF VEGETATIVE GROUND COVER.

LEGEND:

- 405.5 — EXISTING CONTOUR
- HEAVY DUTY SILT FENCE (OPSD 219.130)
- STRAW BALE FLOW CHECK (OPSD 219.180)
- EXISTING MAJOR OVERLAND FLOW ROUTE
- TREE REMOVAL, CLEARING AND GRUBBING
- MONITORING WELLS/BOREHOLE LOCATIONS TAKEN FROM GEOTECHNICAL INVESTIGATION PREPARED BY PML ENGINEERING INC. DATED FEBRUARY 4, 2020, PML PROJECT No. 19KF007
- 523.23 PROPOSED SWALE ELEVATIONS
- 521.30 EXISTING ELEVATIONS
- (521.16) PRE-GRADE ELEVATIONS
- 0.4% FLOW DIRECTION AND SLOPE

NOT FOR CONSTRUCTION

TEMPORARY SEDIMENT BASIN DETAILS

	CONTRIBUTING AREA (Ha)	BOTTOM OF POND (m)	PERMANENT POOL WATER LEVEL (m)	ACTIVE STORAGE WATER LEVEL (m)	TOP OF BASIN (m)	PERMANENT POOL VOLUME (m^3)	ACTIVE STORAGE VOLUME (m^3)
EAST POND	1.11	519.10	519.60	519.95	520.25	142	144
SOUTH POND	2.97	518.50	519.00	519.40	519.70	383	388

NOTE:

PERMANENT POND VOLUME = 125m3 / HECTARE
ACTIVE STORAGE VOLUME = 125m3 / HECTARE

ALL DESIGN WAS DONE IN ACCORDANCE WITH EROSION & SEDIMENT CONTROL GUIDELINES FOR URBAN DESIGN CONSTRUCTION DATED DECEMBER 2006

DISCLAIMERS:

1. ALL EXISTING ELEVATIONS & DIMENSIONS TO BE CONFIRMED ON SITE. THE LOCATION OF UTILITIES IS APPROXIMATE ONLY AND SHOULD BE, DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND UTILITY COMPANIES CONCERNED. THE CONTRACTOR SHALL PROVE THE LOCATION OF UTILITIES AND SHALL BE RESPONSIBLE FOR ADEQUATE PROTECTION AGAINST DAMAGE.

No	DATE	REVISION	INITIAL
2	2022/04/28	ISSUED FOR TENDER	R.D.K.
1	2022/04/28	ISSUED FOR APPROVAL	R.D.K.

CONSTRUCTION OF
WHTE ROSE SUBDIVISION
PHASE 3
(DUNDALK, ON)
TOWNSHIP OF SOUTHGATE

TOWNSHIP OF SOUTHGATE
185667 GREY ROAD 9
HOPEVILLE, ON N0C 1B0

EROSION SEDIMENT CONTROL PLAN

PROJECT No	A4165
DESIGNED BY:	C.J.D.W.
CHECKED BY:	P.F.Z.
APPROVED BY:	R.D.K.
DATE:	APRIL 2022

TRITON ENGINEERING SERVICES LIMITED
Consulting Engineers

SCALE: 1:500 1:1000
ON SHEET / ON SHEET
UNLESS OTHERWISE SHOWN

DRAWING NUMBER **01**

ARCH full bleed D (36.00 x 24.00 inches)