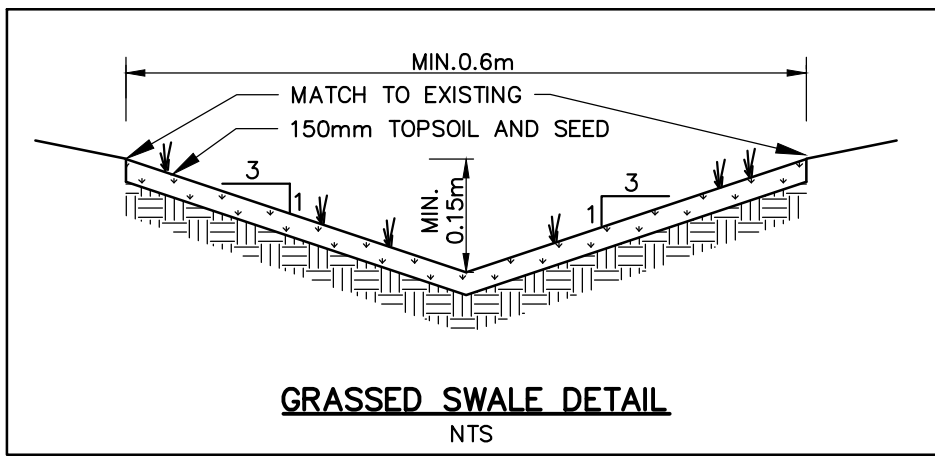
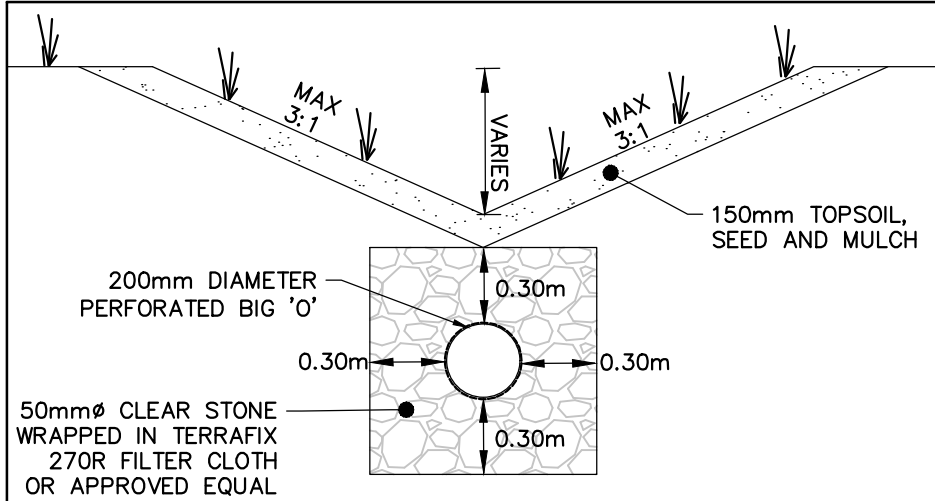




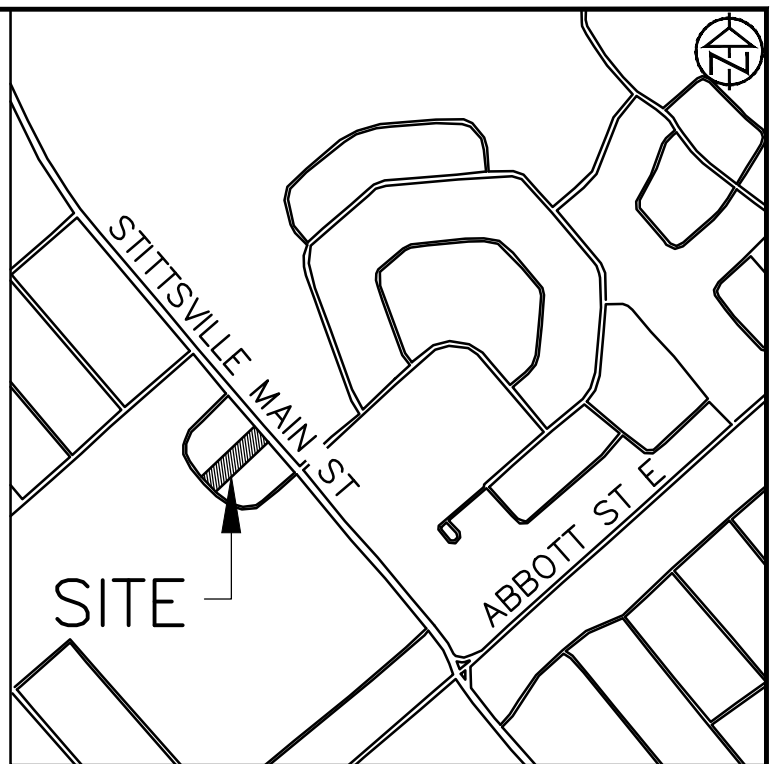
GRASSSED SWALE DETAIL
NTS



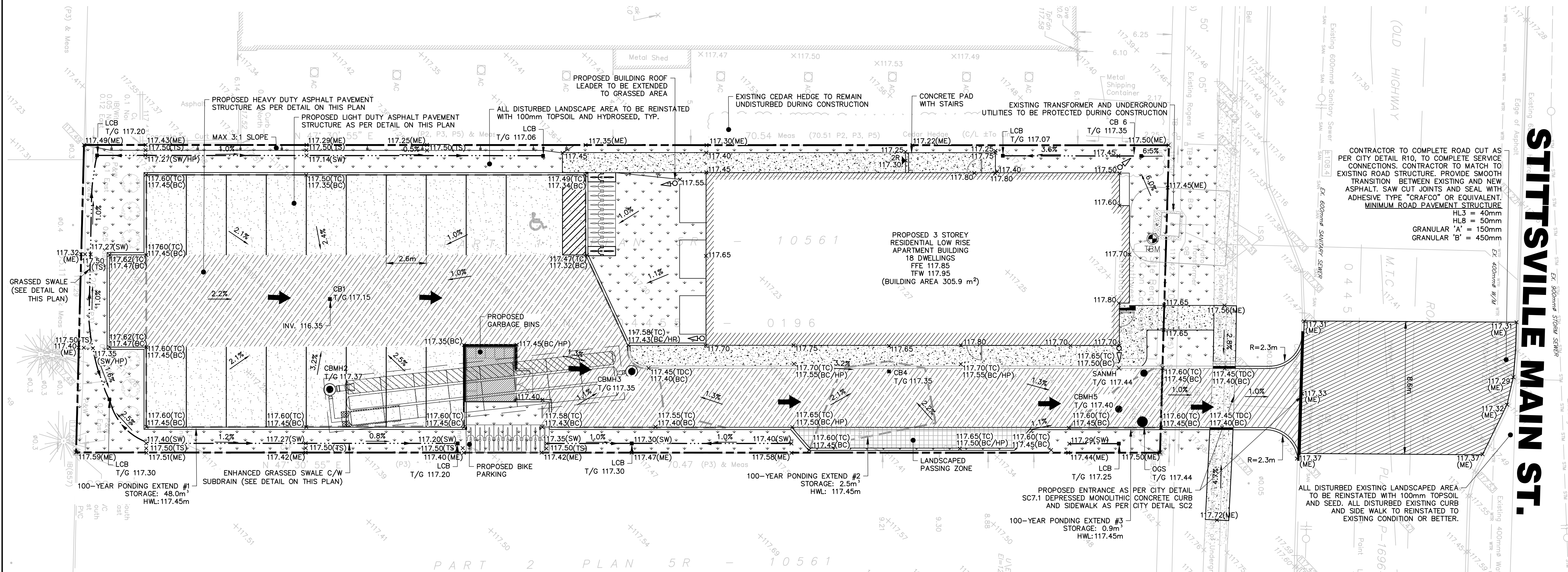
ENHANCED GRASSSED SWALE DETAIL
NTS

PAVEMENT STRUCTURE (PGAC 58-34)			
Course	Compaction Requirement	Light Duty	Heavy Duty
Surface Course Asphalt	OPSS 1150	50mm HL3	40mm HL3
Binder Course Asphalt	OPSS 1150		50mm HL8
Granular Base	100% SPMDD	150mm OPSS 1010 Granular A	150mm OPSS 1010 Granular A
Granular Subbase	100% SPMDD	350mm OPSS 1010 Granular B	450mm OPSS 1010 Granular B

PAVEMENT STRUCTURE AS PER GEOTECHNICAL INVESTIGATION PROVIDED BY LRL ENGINEERING LTD. DATED SEPTEMBER 2022.



KEY PLAN - N.T.S.



STITTSVILLE MAIN ST.

CONTRACTOR TO COMPLETE ROAD CUT AS PER CITY DETAIL R10, TO COMPLETE SERVICE CONNECTIONS. CONTRACTOR TO MATCH TO EXISTING ROAD STRUCTURE. PROVIDE SMOOTH TRANSITION BETWEEN EXISTING AND NEW ASPHALT. SAW CUT JOINTS AND SEAL WITH ADHESIVE TYPE "CRAFCO" OR EQUIVALENT. MINIMUM ROAD PAVEMENT STRUCTURE HL3 = 40mm HL8 = 50mm GRANULAR 'A' = 150mm GRANULAR 'B' = 450mm

LEGEND

	PROPOSED CURB	× 262.25		PROPOSED ELEVATION		PROPOSED ROOF LEADER
	PROPOSED DEPRESSED CURB	× 262.25 (HP)		PROPOSED HIGH POINT ELEVATION		PROPOSED CATCHBASIN
	EXISTING CATCHBASIN	× 262.25 (ME)		PROPOSED ELEVATION MATCH EXISTING		PROPOSED LAWN CATCHBASIN
	EXISTING MANHOLE	× 262.25 (TC)		PROPOSED TOP OF CURB		PROPOSED CATCHBASIN MANHOLE
	PROPOSED OVERLAND FLOW ROUTE	× 262.25 (BC)		PROPOSED BOTTOM OF CURB		PROPOSED STORM MANHOLE
	PROPOSED HEAVY DUTY ASPHALT	× 262.25 (TW)		PROPOSED TOP OF RETAINING WALL		PROPOSED SANITARY MANHOLE
	PROPOSED LIGHT DUTY ASPHALT	× 262.25 (BW)		PROPOSED BOTTOM OF RETAINING WALL		PROPOSED OIL GRIT SEPARATOR
		× 262.25 (SW)		PROPOSED BOTTOM OF SWALE		PROPOSED DOOR ENTRANCE/EXIT
		× 262.25 (TS)		PROPOSED TOP OF SWALE		APPROXIMATE PROPERTY BOUNDARY
		× 262.25 (TDC)		PROPOSED TOP OF DEPRESSED CURB		100 YEAR HIGH WATER LEVEL

3.0m

1.5

0

3.0

6.0m

SCALE: 1:150

DISCLAIMER AND COPYRIGHT

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.

TATHAM ENGINEERING LIMITED CLAIMS COPYRIGHT TO THIS DRAWING WHICH MAY NOT BE USED FOR ANY PURPOSE OTHER THAN THAT PROVIDED IN THE CONTRACT BETWEEN THE OWNER/CLIENT AND THE ENGINEER WITHOUT THE EXPRESS CONSENT OF TATHAM ENGINEERING LIMITED.

TOPOGRAPHIC SURVEY WAS COMPLETED BY FARLEY, SMITH & DENNIS SURVEYING LTD. ON JANUARY 11, 2022.

ELEVATIONS ARE DERIVED FROM ONTARIO CONTROL MONUMENT 001196BU118, HAVING A PUBLISHED ELEVATION OF 126.180m

TBM: CC ON THE SOUTHWEST CORNER OF THE HYDRO TRANSFORMER CONCRETE PAD. ELEV. 117.58

APPLICANT:
ELITE PROPERTY DEVELOPMENTS INC.

No.	REVISION DESCRIPTION	DATE
1.	ISSUED FOR SPA	JULY, 2024
2.	RE-ISSUED FOR SPA	SEPT. 2024
3.	RE-ISSUED FOR SPA	APR. 2025

ENGINEER STAMP



1412 STITTSVILLE MAIN STREET
TOWNSHIP OF STITTSVILLE

SITE GRADING PLAN



DESIGN: HY	FILE: 524659	DWG:
DRAWN: HY	DATE: SEPT 2024	SG-1
CHECK: GC	SCALE: 1:150	