



LEGEND

	SITE BOUNDARY
	EXISTING ELEVATION
	PROPOSED TOP OF WALL ELEVATION
	PROPOSED BOTTOM OF WALL ELEVATION
	PROPOSED TOP OF CURB ELEVATION
	PROPOSED SWALE ELEVATION
	PROPOSED TOP OF GRATE ELEVATION
	PROPOSED CENTERLINE OF DITCH ELEVATION
	PROPOSED RETAINING WALL
	FF= FINISHED FLOOR ELEVATION
	TF= TOP OF FOUNDATION ELEVATION
	USF= UNDERSIDE OF FOOTING ELEVATION
	MUSF= MINIMUM UNDERSIDE OF FOOTING ELEVATION
	97.70 PROPOSED TERRACE ELEVATION
	MAXIMUM 3:1 SIDESLOPE
	PROPOSED CENTRELINE SWALE
	PROPOSED GRADE AND DIRECTION
	MAJOR OVERLAND FLOW ROUTE
	PROPOSED HYDRANT LOCATION
	TF=127.55 PROPOSED TOP OF BOTTOM FLANGE
	VVB PROPOSED VALVE & VALVE BOX
	CS PROPOSED CURB STOP LOCATION
	DMA PROPOSED WATER CHAMBER (AS PER CITY OF OTTAWA DETAIL W3)
	VVC PROPOSED VALVE & VALVE CHAMBER (AS PER CITY OF OTTAWA DETAIL W3)
	100 PROPOSED SANITARY MANHOLE
	100S PROPOSED STORM MANHOLE
	CB1 PROPOSED ROAD CATCHBASIN
	CBMH1 PROPOSED CATCHBASIN MANHOLE
	RYE1 PROPOSED REAR YARD ELBOW
	RYT1 PROPOSED REAR YARD TEE
	M PROPOSED WATER METER LOCATION
	RW PROPOSED REMOTE WATER METER LOCATION
	PROPOSED TWIS AS PER CITY OF OTTAWA DETAIL 7.2
	100YR PONDING LIMITS AND ELEVATION
	15YR PONDING AREA AND ELEVATION
	EXISTING CONTOUR LINE AND ELEVATION
	EX.HYD EXISTING FIRE HYDRANT
	EX.SANMH EXISTING SANITARY MANHOLE
	EX.STMMH EXISTING STORMMANHOLE
	VVB EXISTING WATER VALVE
	HP EXISTING HYDRO POLE
	EX.CB EXISTING CATCH BASIN

PAVEMENT STRUCTURE DETAILS

*REFER TO GEOTECHNICAL REPORT FOR SUBSURFACE CONDITIONS AND CONSTRUCTION RECOMMENDATIONS.

ACCESS LANES AND HEAVY DUTY TRUCK PARKING

- 40mm SUPERPAVE 12.5
- 50mm SUPERPAVE 19.0
- 150mm GRANULAR 'A'
- 400mm GRANULAR 'B' TYPE II
- SUBGRADE TO BE FILL, IN SITU SOIL, OR O.P.S.S. GRANULAR 'B' TYPE 1 OR 2 MATERIAL PLACED OVER IN SITU SOIL OR FILL

LIGHT DUTY PARKING

- 50mm HL3 OR SUPERPAVE 12.5
- 150mm GRANULAR 'A'
- 300mm GRANULAR 'B' TYPE II
- SUBGRADE TO BE FILL, IN SITU SOIL, OR O.P.S.S. GRANULAR 'B' TYPE 1 OR 2 MATERIAL PLACED OVER IN SITU SOIL OR FILL

NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

No.	REVISION	DATE	BY
8.	REVISED PER CITY COMMENTS	MAR 18/26	DOB
7.	REVISED SITE PLAN SUBMISSION	NOV 14/25	DOB
6.	RE-ISSUED FOR TENDER	JAN 18/24	DOB
5.	ISSUED FOR ADDENDUM #2	JUNE 8/22	DOB
4.	ISSUED FOR TENDER	MAY 20/22	DOB
3.	REVISED PER CITY COMMENTS	FEB 17/22	DOB
2.	REVISED PER CITY COMMENTS	NOV 5/21	DOB
1.	ISSUED FOR CITY OF OTTAWA REVIEW	JUN 2/21	DOB

SCALE	DESIGN	CHECKED	DRAWN	CHECKED	APPROVED
1:400	BM	DOB	ATE	BM	DOB

FOR REVIEW ONLY

1:400

0 4 8 12 16



NOVATECH
Engineers, Planners & Landscape Architects
Suite 200, 240 Michael Cowpland Drive
Ottawa, Ontario, Canada K2M 1P6
Telephone: (613) 254-9643
Facsimile: (613) 254-5867
Website: www.novatech-eng.com

CITY OF OTTAWA 5331 FERNBANK ROAD IRON VALLEY 2		PROJECT No: 121011-00
DRAWING NAME GRADING PLAN		REV # 8 REV # 8
		DRAWING No: 121011-GR1

M:\2021\121011\121011-GR.dwg GR1 - Mar 18, 2026 - 3:06pm. channa

D07-12-25-0151

#18539