



LEGEND

	PROPOSED ELEVATION
	EXISTING ELEVATION
	PROPOSED TOP OF CURB ELEVATION
	PROPOSED SWALE ELEVATION
	PROPOSED TOP OF GRATE ELEVATION
	PROPOSED CENTERLINE OF DITCH ELEVATION
	PROPOSED RETAINING WALL
	FF=
	T/F=
	USF=
	MUSF=
	97.70
	MAXIMUM 3:1 SLOPE
	PROPOSED CENTRELINE SWALE
	PROPOSED GRADE AND DIRECTION
	MAJOR OVERLAND FLOW ROUTE
	PROPOSED HYDRANT LOCATION
	PROPOSED TOP OF BOTTOM FLANGE
	PROPOSED VALVE AND VALVE BOX
	PROPOSED CURB STOP
	PROPOSED DISTRICT METERING CHAMBER
	PROPOSED SANITARY MANHOLE
	PROPOSED STORM MANHOLE
	PROPOSED ROAD CATCHBASIN
	PROPOSED CATCHBASIN MANHOLE
	PROPOSED REAR YARD ELBOW
	PROPOSED REAR YARD TEE
	PROPOSED WATER METER LOCATION
	PROPOSED REMOTE WATER METER LOCATION
	PROPOSED TWSI AS PER CITY OF OTTAWA DETAIL 7.2
	STATIC PONDING LIMITS AND ELEVATION
	EXISTING CONTOUR LINE AND ELEVATION
	EXISTING FIRE HYDRANT
	EXISTING SANITARY MANHOLE
	EXISTING STORM MANHOLE
	EXISTING VALVE
	EXISTING HYDRO POLE
	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 I 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 I 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.

**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

No.	REVISION	DATE	BY
2.	REVISED PER CITY COMMENTS	NOV 5/21	DDB
1.	ISSUED FOR CITY OF OTTAWA REVIEW	JUN 2/21	DDB

SCALE

1:400

DESIGN	DDB
CHECKED	MSP
DRAWN	ATE
CHECKED	DDB
APPROVED	MSP

FOR REVIEW ONLY

LICENSED PROFESSIONAL ENGINEER
 D. D. BLAIR
 103122737
 Nov. 5 2021
 PROVINCE OF ONTARIO

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 FERNBANK ZENS		PROJECT No. 121011-00
DRAWING NAME GRADING PLAN		REV # 2 REV # 2
		DRAWING No. 121011-GR1

M:\2021\121011\121011-GR.dwg, GR1, Nov 08, 2021 - 11:35am, mmckenough

D07-12-21-0080

#18539