

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
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
No.	REVISION	DATE	BY

SCALE	DESIGN
1:400	DOB
1:400	MSP
1:400	ATE
1:400	DOB
1:400	MSP

FOR REVIEW ONLY



**NOVATECH**  
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Ottawa, Ontario, Canada K2M 1P6  
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Facsimile (613) 254-5867  
Website www.novatech-eng.com

CITY OF OTTAWA  
5331 FERNBANK ROAD  
IRON VALLEY 2

DRAWING NAME

GRADING PLAN

PROJECT NO.

121011-00

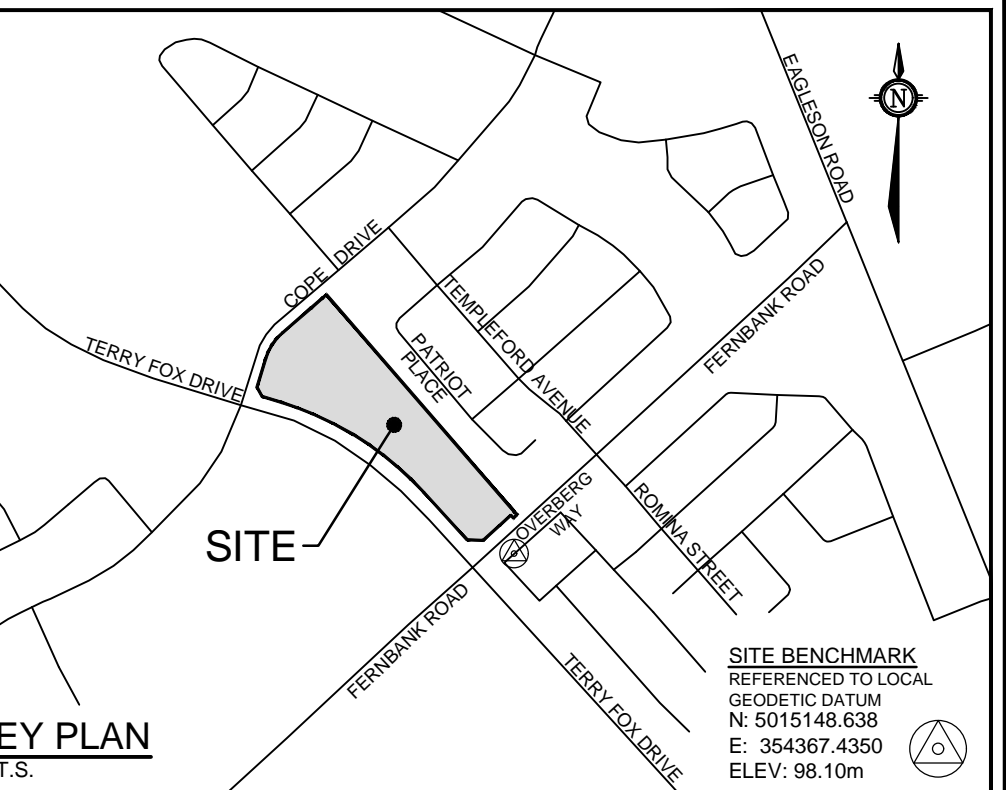
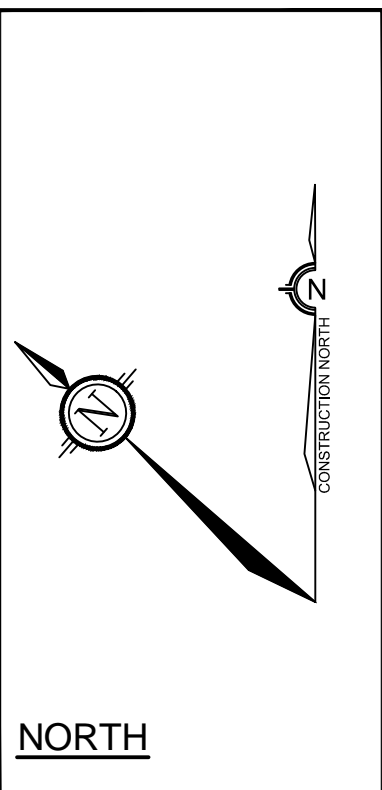
REV

REV #1

DRAWING NO.

121011-GR2

#18539



LEGEND

- 97.32 SITE BOUNDARY
- 96.32 PROPOSED ELEVATION
- 96.80/TW EXISTING ELEVATION
- 96.40/BW PROPOSED TOP OF WALL ELEVATION
- 96.20/TW PROPOSED BOTTOM OF WALL ELEVATION
- 96.80/TW PROPOSED TOP OF CURB ELEVATION
- 96.85(S) PROPOSED SWALE ELEVATION
- 96.80/TW PROPOSED TOP OF GRATE ELEVATION
- 97.20/CB PROPOSED CENTERLINE OF DITCH ELEVATION
- FF= PROPOSED RETAINING WALL
- T/F= FINISHED FLOOR ELEVATION
- USF= TOP OF FOUNDATION ELEVATION
- MUSF= UNDERSIDE OF FOOTING ELEVATION
- 97.70 MINIMUM UNDERSIDE OF FOOTING ELEVATION
- 2.0% PROPOSED TERRACE ELEVATION
- 2.0% MAXIMUM 3:1 SIDESLOPE
- 2.0% PROPOSED CENTRELIN SWALE
- 2.0% PROPOSED GRADE AND DIRECTION
- 2.0% MAJOR OVERLAND FLOW ROUTE
- HYD PROPOSED HYDRANT LOCATION
- T/F=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
- 100 PROPOSED STORM MANHOLE
- CB 1 PROPOSED ROAD CATCHBASIN
- CBMH 1 PROPOSED CATCHBASIN MANHOLE
- RYE 1 PROPOSED REAR YARD ELBOW
- RYT 1 PROPOSED REAR YARD TEE
- W PROPOSED WATER METER LOCATION
- W PROPOSED REMOTE WATER METER LOCATION
- W PROPOSED TWSI AS PER CITY OF OTTAWA DETAIL 7.2
- 100YR 100YR PONDING LIMITS AND ELEVATION
- 1.5yr 1.5yr 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