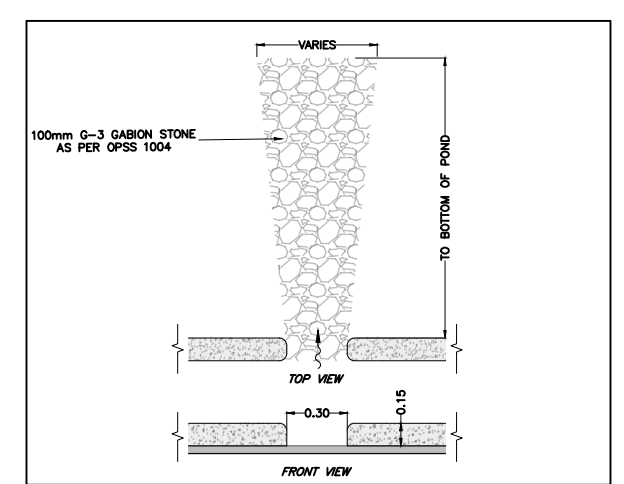
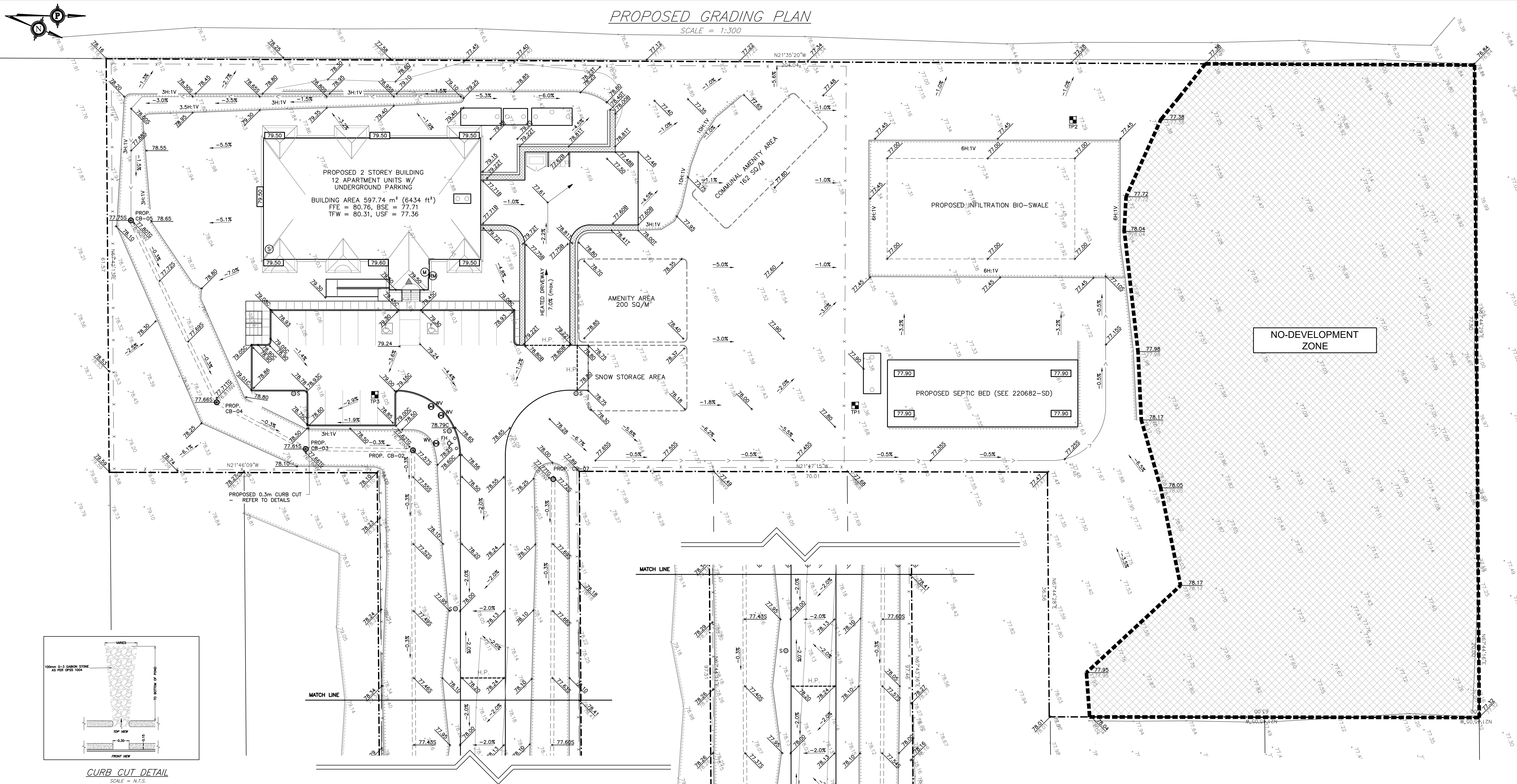
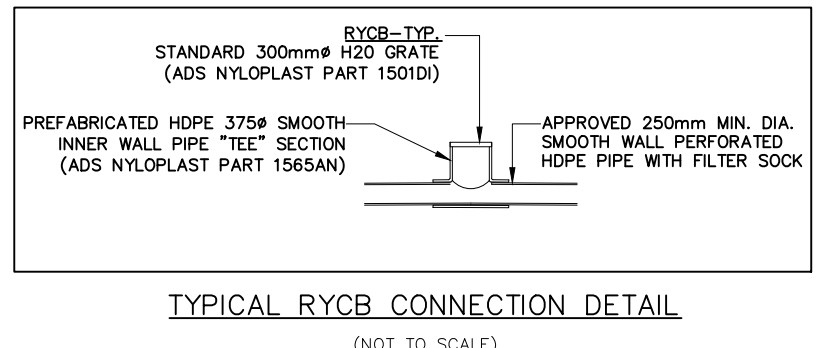
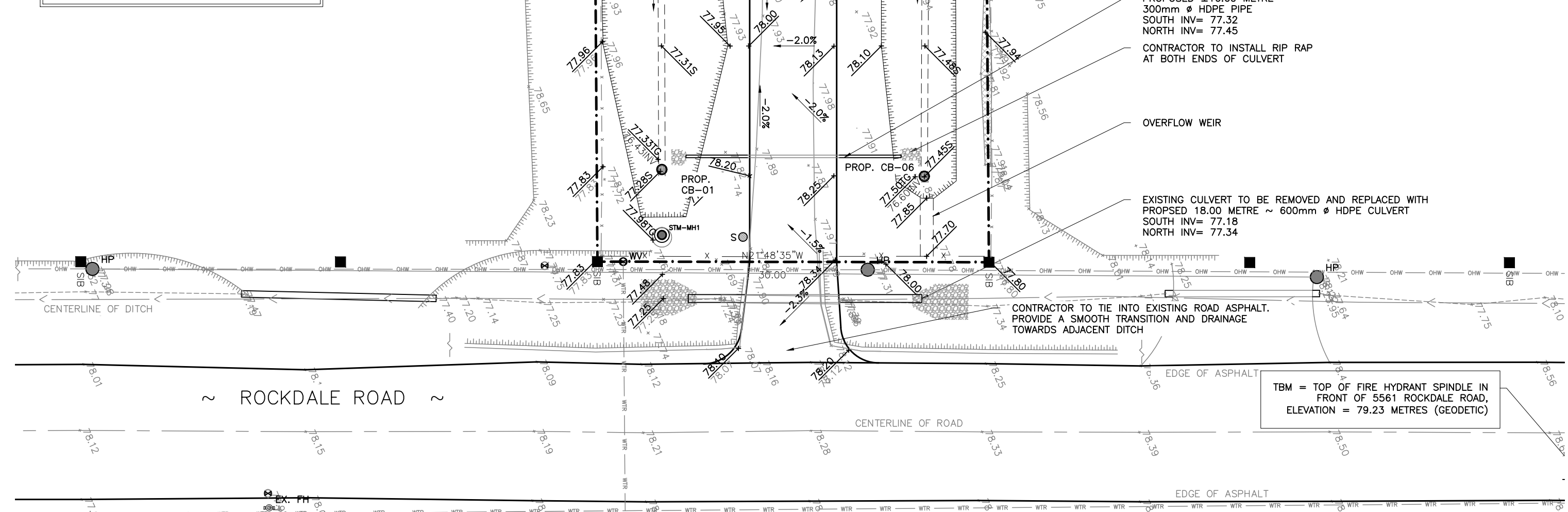




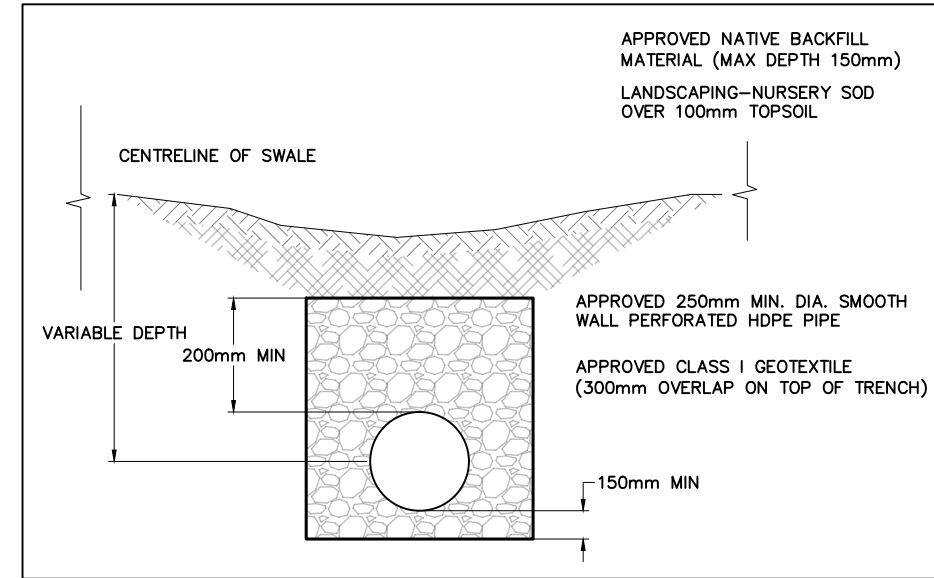
CURB CUT DETAIL
SCALE = N.T.S.

GENERAL LEGEND	
EXISTING ELEVATION	HP
PROPOSED/EXISTING ELEVATIONS	FM
PROPOSED CURB ELEVATION	SH
PROPOSED TOP OF GRATE ELEVATION	SH-IV
PROPOSED TOP OF WALL ELEVATION	SH-IV
PROPOSED BOTTOM OF WALL ELEVATION	SH-IV
PROPOSED SIDEWALK ELEVATION	SH-IV
PROPOSED SWALE ELEVATION	SH-IV
PROPOSED ELEVATION	SH-IV
DRAINAGE SLOPE	SH-IV
EXISTING DRAINAGE	SH-IV
WATERMAIN	SH-IV
STORM SEWER	SH-IV
SANITARY SEWER	SH-IV
CENTRELINE OF ROAD	SH-IV
EDGE OF ROAD	SH-IV
TOP OF SLOPE (SH-IV UNLESS OTHERWISE NOTED)	SH-IV
PROPERTY LINE	SH-IV
BOTTOM OF SLOPE	SH-IV
SOLID PVC PIPE	SH-IV
SOLID PVC PIPE	SH-IV

VERTICAL REFERENCE WAS OBTAINED FROM THE COSINE MONUMENT STATION 00119700124 COVD 2678, ELEVATION 76.84m DESCRIBED AS: TABLET IN SOUTHWEST CORNER OF ST. ANDREW'S ANGLICAN CHURCH AT THE INTERSECTION OF ROCKDALE ROAD AND DEVINE ROAD

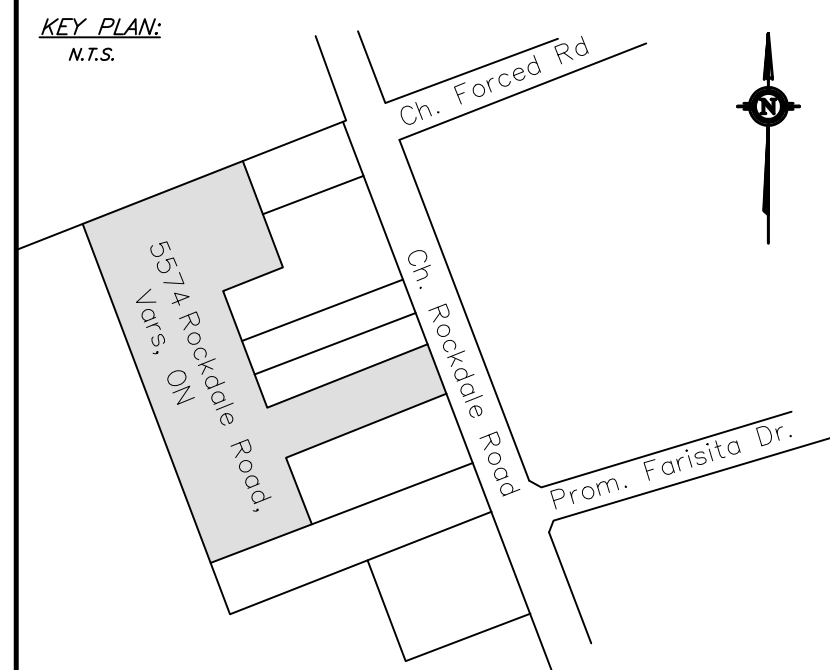


TYPICAL RYCB CONNECTION DETAIL
(NOT TO SCALE)



DITCHED PIPE STORM SEWER DETAIL
(NOT TO SCALE)

DRAWING NUMBER: 220863-GR



SCALE: 0 1 2 3 4 5 10 15 20

- GENERAL NOTES:
1. ALL DIMENSIONS AND ELEVATIONS ARE IN METRES. THIS DRAWING IS NOT FOR CONSTRUCTION UNTIL APPROVED BY THE RELEVANT AUTHORITIES.
 2. THIS IS NOT A LEGAL SURVEY. SITE BOUNDARIES AND TOPOGRAPHIC INFORMATION WAS PROVIDED BY ARPENTAGE DUTRISAC SURVEYING INC.
 3. TBM = TOP OF FIRE HYDRANT SPINDLE IN FRONT OF 5561 ROCKDALE ROAD, ELEVATION = 79.23 METRES (GEODETIC).
 4. ANY CHANGES MADE TO THIS PLAN MUST BE VERIFIED AND APPROVED BY KOLLAARD ASSOCIATES INC.
 5. COORDINATE AND SCHEDULE ALL WORK WITH OTHER TRADES AND CONTRACTORS.
 6. DETERMINE THE EXACT LOCATION, SIZE, MATERIAL AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. PROTECT AND ASSUME RESPONSIBILITY FOR ALL EXISTING UTILITIES WHETHER OR NOT SHOWN ON THIS DRAWING.
 7. OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY AND CONSERVATION AUTHORITY BEFORE COMMENCING CONSTRUCTION.
 8. BEFORE COMMENCING CONSTRUCTION OBTAIN AND PROVIDE PROOF OF COMPREHENSIVE, ALL RISK AND OPERATIONAL LIABILITY INSURANCE FOR \$2,000,000.00. INSURANCE POLICY TO NAME OWNERS, ENGINEERS AND ARCHITECTS AS CO-INSURED.
 9. RESTORE ALL DISTURBED AREAS ON-SITE AND OFF-SITE, INCLUDING TRENCHES AND SURFACES ON PUBLIC ROAD ALLOWANCES TO EXISTING CONDITIONS OR BETTER TO THE SATISFACTION OF THE MUNICIPALITY AND ENGINEER.
 10. REMOVE FROM SITE ALL EXCESS EXCAVATED MATERIAL, ORGANIC MATTER AND DEBRIS UNLESS OTHERWISE INSTRUCTED BY ENGINEER. EXCAVATE AND REMOVE FROM SITE ANY CONTAMINATED MATERIAL. ALL CONTAMINATED MATERIAL SHALL BE DISPOSED OF AT A LICENCED LANDFILL FACILITY.
 11. CONTRACTOR TO PROVIDE THE CONSULTANT WITH A GENERAL PLAN OF SERVICES INDICATING ALL SERVING AS-BUILT INFORMATION SHOWN ON THIS PLAN. AS-BUILT INFORMATION MUST INCLUDE: PIPE MATERIAL, SIZES, LENGTHS, SLOPES, INVERT & T/G ELEVATIONS, STRUCTURE LOCATIONS, VALVE AND HYDRANT LOCATIONS, T/WM ELEVATIONS AND ANY ALIGNMENT CHANGES, ETC.
 12. REFERENCE TO KOLLAARD FILE #220863 FOR SITE SERVING AND STORMWATER MANAGEMENT DESIGN.

No.	REVISION	DATE	BY
1	ISSUED IN RESPONSE TO REVIEW COMMENTS #9	DEC 21, 2023	NJR

Kollaard Associates
Engineers
(613) 860-0923
info@kollaard.ca

P.O. BOX 189, 210 PRESCOTT ST.
KEMPTVILLE, ONTARIO
K0G 1J0 FAX (613) 258-0475
http://www.kollaard.ca

CLIENT:
MR. JP BERGERON
880 SMITH ROAD
NAVAN, ON, K4B 1N9

PROJECT:
PROPOSED 12 UNIT
APARTMENT BUILDING

LOCATION:
5574 ROCKDALE ROAD, VARS
ON, K0A 3H0

DESIGNED BY: NJR
CHECKED BY: SD
DRAWN BY: JR
APPROVED BY: SD
DATE: DEC 21, 2023
KOLLAARD FILE NUMBER: 220863

DRAWING NUMBER: 220863-GR

DRAWING NAME: PROPOSED GRADING PLAN