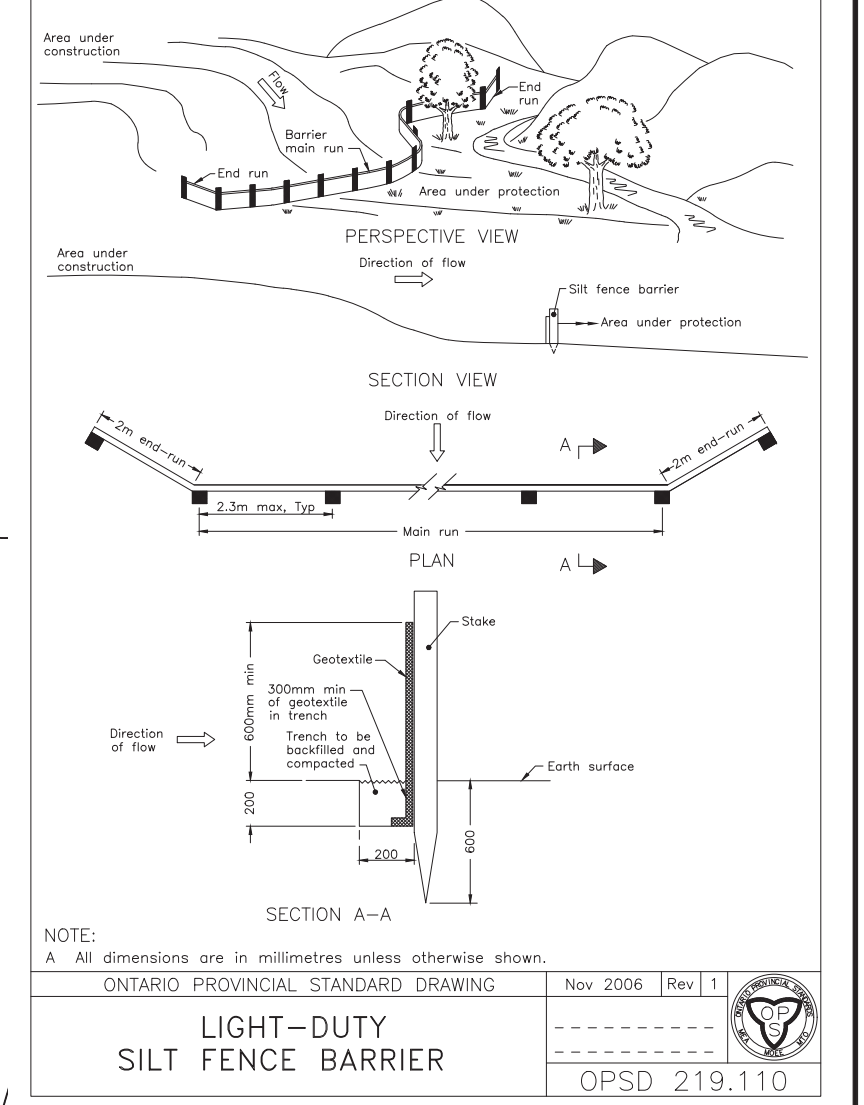


- EROSION AND SEDIMENT CONTROL NOTES:**
- THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES, TO PROVIDE FOR PROTECTION OF THE STORM SEWER SYSTEM, DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.
 - THE OWNER (AND/OR CONTRACTOR) AGREES TO PREPARE AND IMPLEMENT AN EROSION AND SEDIMENT CONTROL PLAN AT LEAST EQUAL TO THE STATED MINIMUM REQUIREMENTS AND TO THE SATISFACTION OF THE CITY OF OTTAWA, APPROPRIATE TO THE SITE CONDITIONS, PRIOR TO UNDERTAKING ANY SITE ALTERATIONS (FILLING, GRADING, REMOVAL OF VEGETATION, ETC.) AND DURING ALL PHASES OF SITE PREPARATION AND CONSTRUCTION IN ACCORDANCE WITH THE CURRENT BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL.
 - THE CONTRACTOR IS TO ENSURE THAT THE SITE ACCESS POINTS AND ADJACENT STREETS TO THE ACCESS POINTS ARE MAINTAINED AND KEPT CLEAN OF CONSTRUCTION MATERIALS SUCH AS, BUT NOT LIMITED TO, MUD, DIRT, CLAY AND GRANULARS ON A DAILY BASIS OR AS NECESSARY, TO THE SATISFACTION OF THE CITY OF OTTAWA.
 - EVERY EFFORT WILL BE MADE TO ENSURE THAT ALL DISTURBED AREAS ARE TOPSOILED AND SEEDS AS SOON AS REASONABLY POSSIBLE.
 - THE SEDIMENT AND EROSION CONTROL PLAN IS A LIVING DOCUMENT WHICH MAY BE AMENDED BY ONSITE REQUIREMENTS AT THE APPROVAL OF THE MUNICIPALITY AND THE CONSERVATION AUTHORITY.
 - ALL SEDIMENT AND EROSION CONTROL MEASURES TO BE INSPECTED/CLEANED AFTER RAIN EVENTS.
 - MUD MAT OR MECHANICAL TRACKOUT PLATE TO BE INSTALLED AT CONSTRUCTION SITE ENTRANCE.
- MINIMUM EROSION AND SEDIMENT CONTROL PLAN REQUIREMENTS:**
- TIME THE DEMOLITION AND EXCAVATION ACTIVITIES SO THAT THEY OCCUR NO SOONER THAN IS NECESSARY FOR SUBSEQUENT CONSTRUCTION ACTIVITIES.
 - LANDSCAPE THE SITE AS SOON AS PRACTICALLY POSSIBLE.
 - USE SILT FENCES AROUND ANY STOCKPILES OF SOIL.
 - PRIOR TO CONSTRUCTION, SILT FENCE BARRIERS (OPSD 219.110) WILL BE PLACED ALONG THE PROPERTY LINES AS ON THE DRAWING.
 - THE SILT FENCE SHOULD BE REMOVED ONLY WHEN THE SITE IS STABILIZED.
 - FILTER SOCKS SHOULD BE INSTALLED ACROSS EXISTING STORM MANHOLE AND CATCH BASIN LIDS, AS WELL, FILTER SOCKS SHOULD BE INSTALLED ACROSS THE PROPOSED CATCH BASIN AND MANHOLE LIDS IMMEDIATELY AFTER THE STRUCTURES ARE PLACED. THE FILTER SOCKS SHOULD ONLY BE REMOVED ONCE THE ASPHALTIC CONCRETE IS INSTALLED AND THE SITE IS CLEANED.

- LEGEND**
- EXISTING ELEVATIONS
 - PROPOSED/EXISTING ELEVATIONS
 - PROPOSED CURB ELEVATION
 - PROPOSED WALL ELEVATION
 - EXISTING LIGHT STANDARD
 - EXISTING DROPPED CURB
 - EXISTING BOLLARD
 - EXISTING HYDRO POLE
 - EXISTING HYDRO GUY WIRE ANCHOR
 - EXISTING FIRE HYDRANT
 - EXISTING/PROP SANITARY MANHOLE
 - EXISTING/PROP STORM MANHOLE
 - EXISTING/PROP VALVE CHAMBER
 - EXISTING CATCH BASIN
 - EXISTING GAS VALVE
 - EXISTING/PROP WATER VALVE
 - PROPOSED CATCH BASIN
 - WATER SERVICES
 - SANITARY SEWER
 - STORM SEWER
 - OVERHEAD POWER LINES
 - TEMPORARY BENCHMARK
 - PROPERTY LINE
 - SILT FENCE
 - SLOPE (MAX 1V:3H)
 - OVERLAND FLOW ROUTE
 - DEPRESSED CURB



EROSION CONTROL PLAN
SCALE = 1:250

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 - THIS DRAWING IS PART OF KOLLAARD ASSOCIATES DESIGN REPORT #220978.

NO.	REVISION	DATE	BY
1	NO CHANGES TO THIS SHEET	28.MAR.2023	NJR
2	ISSUED FOR SITE PLAN CONTROL	14.DEC.2022	NJR

CONSULTANTS

Kollaard Associates
Engineers

BOX 189
210 PRESOTT STREET
KEMPVILLE, ONTARIO
K0G 1J0
FACSIMILE (613) 258-0475

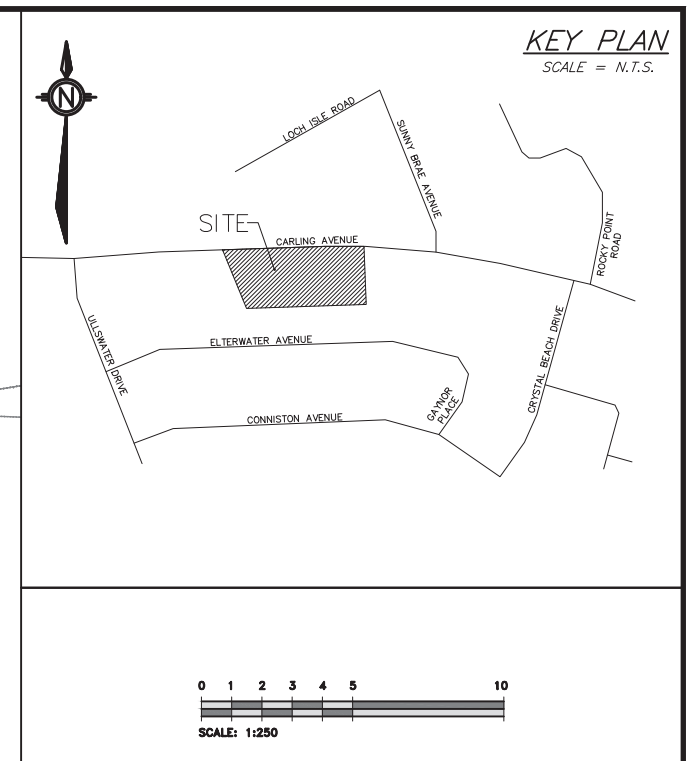
(613) 860-0923

DESIGN: NJR
DRAWN: NJR
CHECKED: SD
APPROVED: SD

STAMP: LICENSED PROFESSIONAL ENGINEER
28.MAR.2023
S.E. deWit
100079612
PROVINCE OF ONTARIO

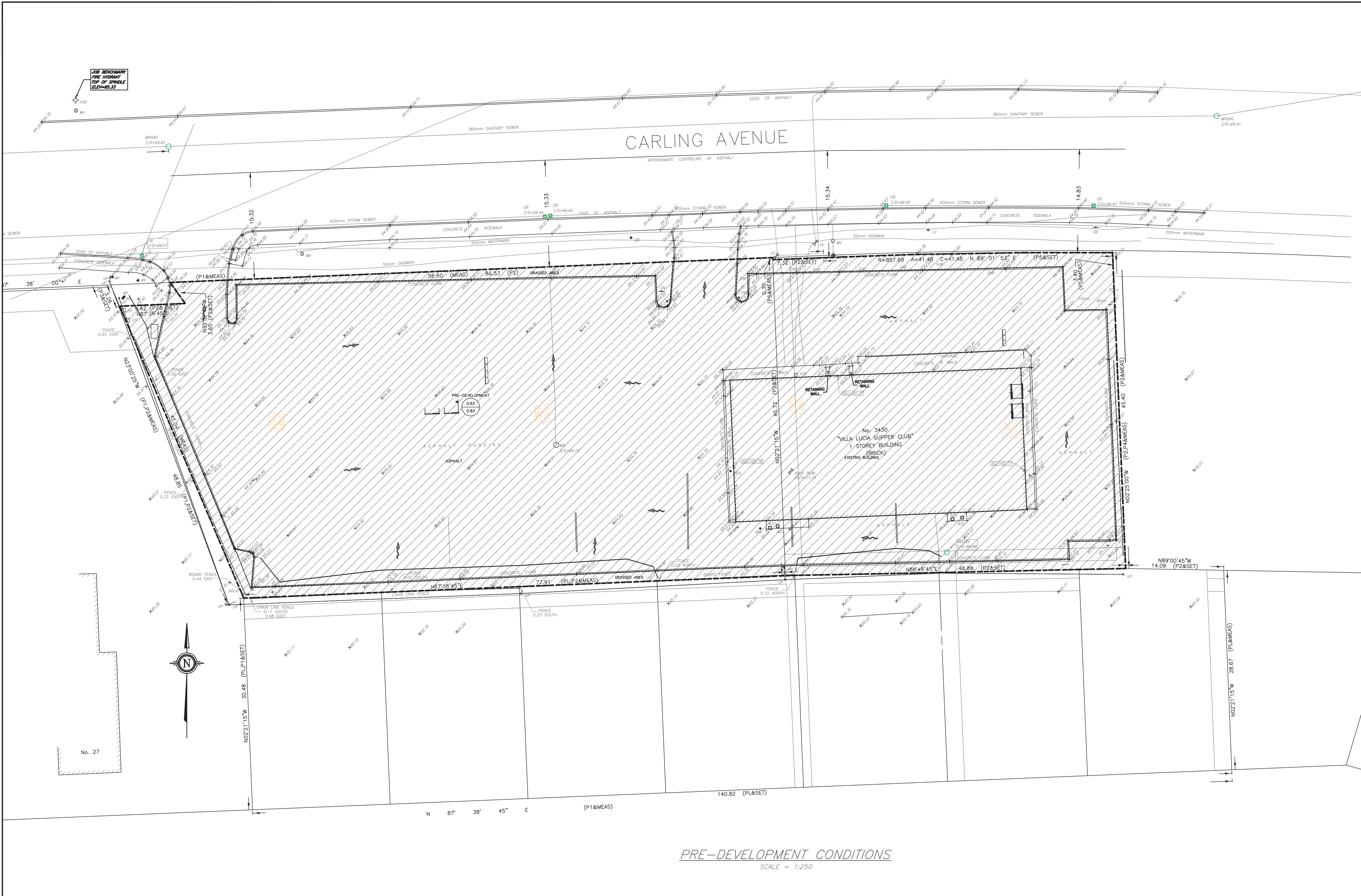
CLIENT NAME: ROHIT COMMUNITIES INC.
PROJECT NAME: PROPOSED RESIDENTIAL DEVELOPMENT
PROJECT LOCATION: 3430 CARLING AVENUE, OTTAWA, ONTARIO
DRAWING: EROSION CONTROL PLAN

PROJECT No.	220978
DATE	14.DEC.2022
SCALE	1:250
DRAWING No.	220978-ER



LEGEND (STORM WATER MANAGEMENT)

- CATCHMENT: 0.39 (circle), 0.34 (circle)
- CATCHMENT LABEL: CATCHMENT AREA (HECTARES)
- RUNOFF COEFFICIENT: 0.39, 0.34
- CATCHMENT AREA BOUNDARY: Dashed line
- DIRECTION OF FLOW: Arrow
- PROPERTY LINE: Solid line
- SILT FENCE: Zigzag line
- CONTROLLED AREA: Diagonal hatching
- UNCONTROLLED AREA: Cross-hatching
- DRAINAGE PATTERN: Arrow with wavy line



PRE-DEVELOPMENT CONDITIONS
SCALE = 1:250

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CONSULTANTS

Rohit COMMUNITIES

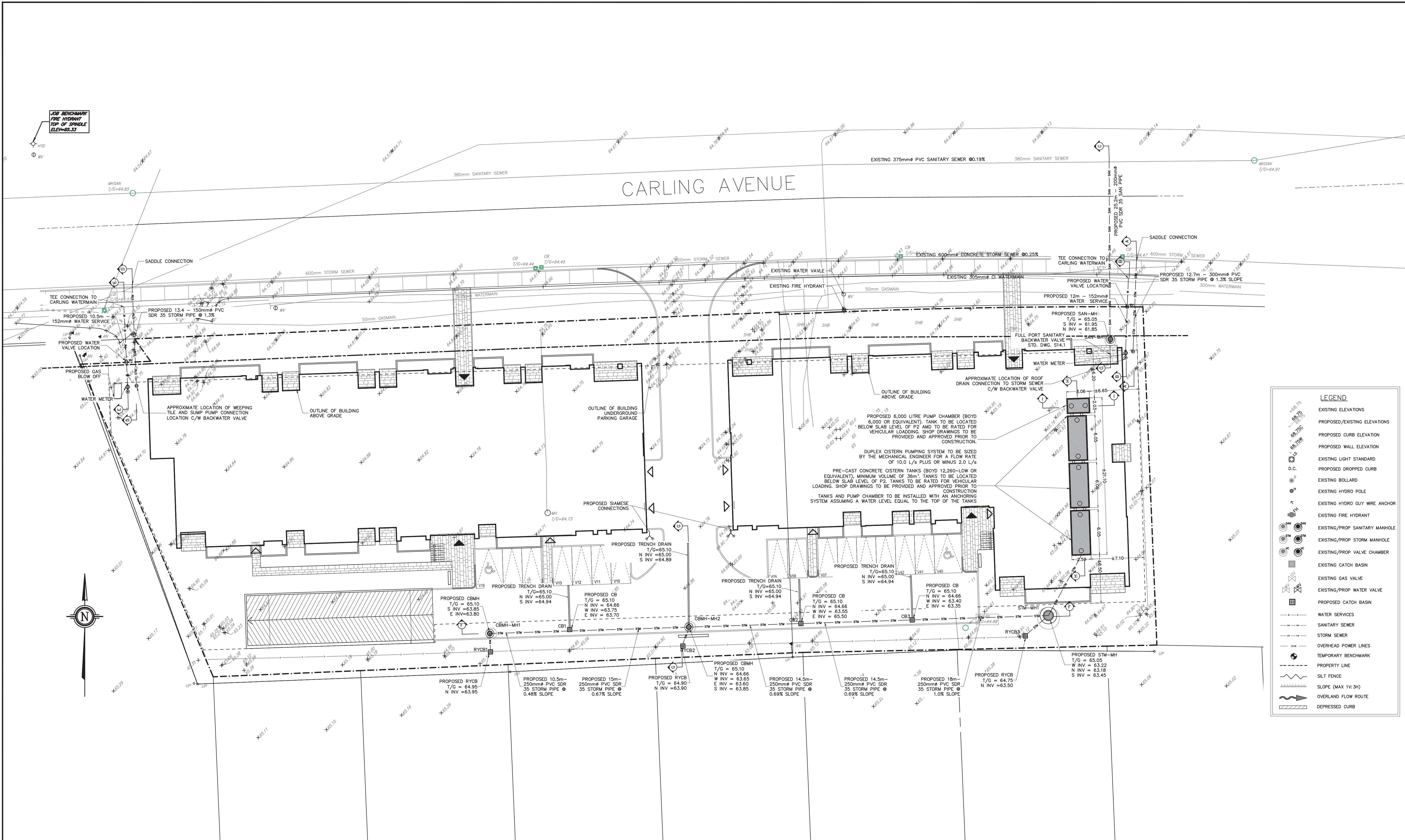
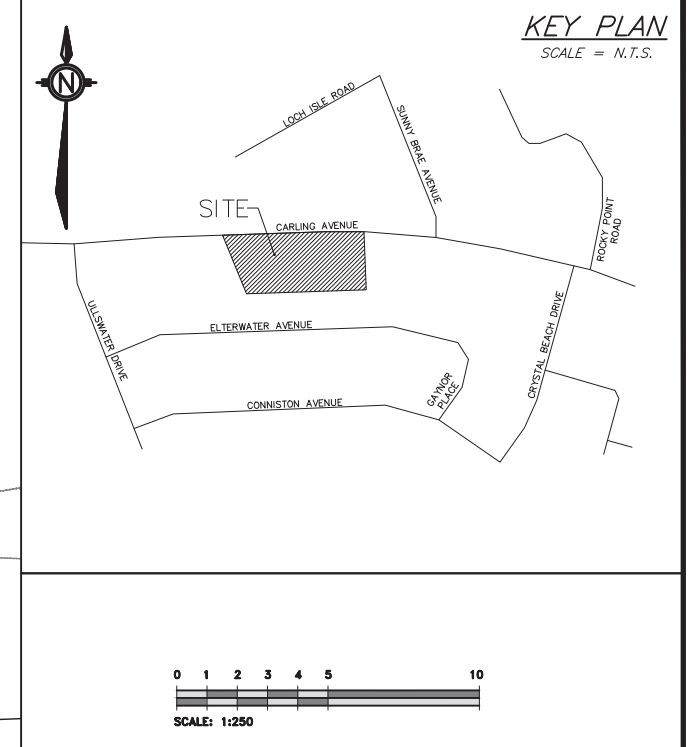
Kollaard Associates Engineers

BOX 189
210 PRESOTT STREET
KENTVILLE, ONTARIO
K0G 1J0
FACSIMILE (613) 258-0475

(613) 860-0923

DESIGN	STAMP	CLIENT NAME
NJR		ROHIT COMMUNITIES INC.
NJR		PROJECT NAME PROPOSED RESIDENTIAL DEVELOPMENT
SD		PROJECT LOCATION 3430 CARLING AVENUE, OTTAWA, ONTARIO
SD		DRAWING PRE-DEVELOPMENT CONDITIONS

PROJECT No.	DATE	SCALE	DRAWING No.
220978	14.DEC.2022	1:250	220978-PRE



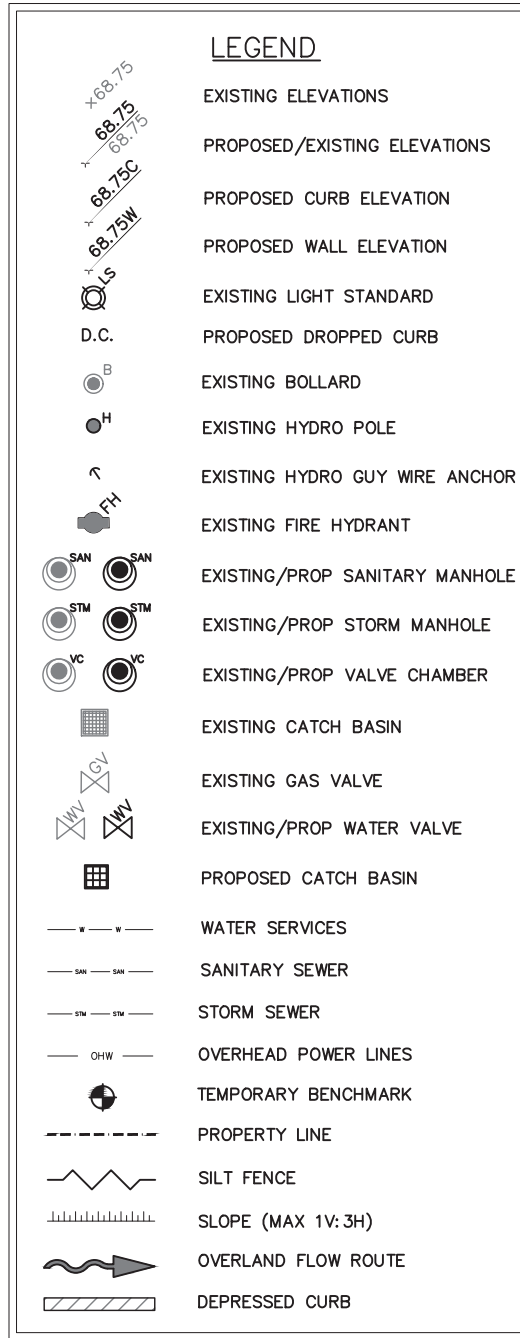
SITE SERVICING PLAN
SCALE = 1:250

SEWER NOTES:

- 1. SUPPLY AND CONSTRUCT ALL SEWERS AND APPURTENANCES IN ACCORDANCE WITH THE CITY OF OTTAWA STANDARDS AND SPECIFICATIONS AND ONTARIO PROVINCIAL STANDARDS FOR ROADS AND PUBLIC WORKS.
2. SPECIFICATIONS:
ITEM SEC. No. CITY STD. DWG. No.
CATCH BASIN (600mm x 600mm) OPSD 705.010 S2
STORM/SANITARY MANHOLE (1000) OPSD 701.021 S11 & S11.1
SEWER SERVICE CONNECTION OPSD 701.021 S11 & S11.1
SEWER BENCHM. OPSD 704.010 S24.1 & S25
CATCH BASIN & MANHOLE ADJUSTMENTS OPSD 401.010 S19, S22 & S23
STORM MANHOLE FRAME & COVER OPSD 400.020 S6 & S7
CATCH BASIN FRAME & COVER OPSD 400.020 S6 & S7
SEWER TRENCH OPSD 401.030 S24 & S25
SEWER MANHOLE FRAME & COVER OPSD 401.030 S24 & S25
3. INSULATE ALL STORM PIPES THAT HAVE LESS THAN 2.0m COVER AND ALL SANITARY PIPES THAT HAVE LESS THAN 2.1m COVER WITH THERMAL INSULATION...
4. PIPE BEDDING, COVER AND BACKFILL ARE TO BE COMPACTED TO AT LEAST 90% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY.
5. FLEXIBLE CONNECTORS ARE REQUIRED FOR CONNECTION PIPES TO MANHOLES...
6. THE OWNER SHALL REQUIRE THAT THE SITE SERVICING CONTRACTOR PERFORM FIELD TESTS FOR QUALITY CONTROL OF ALL SANITARY SEWERS...
7. STORM MANHOLES AND CBMS ARE TO HAVE 300mm SLIMPS (AS PER SLIMP DETAIL ON OPSD 701.010), UNLESS OTHERWISE INDICATED.
8. BUILDING CONTRACTOR TO PROVIDE TEMPORARY ADDITIONAL GRANULAR BACKFILL ABOVE SHALLOW CULVERTS AND STORM SEWERS TO SUPPORT HEAVY CONSTRUCTION EQUIPMENT.
9. CONTRACTOR TO TELEVISION (CCTV) ALL PROPOSED SEWERS, 200mm OR GREATER PRIOR TO BASE COURSE ASPHALT...
10. WHERE THE SANITARY SEWER CROSSES ABOVE THE WATERMAIN, THE CONTRACTOR IS TO PROVIDE A MINIMUM OF 0.50m VERTICAL SEPARATION...
11. MANHOLE IS REQUIRED IF SEWER MAIN IS RIGID MATERIAL.

WATERMAIN NOTES:

- 1. CITY TO SUPPLY, INSTALL & DISINFECT THE WATER SERVICE CONTRACTOR TO EXCAVATE, BACKFILL AND REINSTATE THE ROADWAY AS PER STD DWG R10.
2. SPECIFICATIONS:
ITEM SEC. No. City Std. Dwg. No. REFERENCE
WATERMAIN BEDDING AND BACKFILL 802.010/802.031 W17 (trench detail) OPSD
CATHODIC PROTECTION 1109.010 W40 OPSD
PRESSURE TESTING C-605-5 AWWA
CHLORINATION C-651-05 AWWA
WATERMAIN MATERIAL PVC DR18 (CLASS 150)
3. WATERMAIN SHALL BE MINIMUM 2.4m DEPTH BELOW GRADE UNLESS OTHERWISE INDICATED...
4. A MINIMUM OF 0.5m VERTICAL CLEARANCE IS REQUIRED BETWEEN THE WATERMANS AND ALL UTILITIES AND SEWERS...
5. METALLIC WARNING TAPE SHALL BE USED OVER ALL WATERMANS.
6. INSTALL AND TEST TRACER WIRE FOR ALL PROPOSED WATERMAIN IN ACCORDANCE WITH THE CITY OF OTTAWA DESIGN STANDARDS AS SPECIFIED IN SECTION 8.28.
7. EXISTING WATERMAIN INFORMATION SHOWN ON CARLING AVENUE IS BASED ON BEST CURRENT INFORMATION...
8. CONNECTIONS AT ELBOWS AND TEES IN WATER MAINS SHOULD BE MADE WITH THE USE OF JOINT RESTRAINERS...
9. ALL CONNECTORS, RODS AND VALVE BOLTS SHALL BE STAINLESS STEEL.
10. VALVES ARE TO BE OPERATED BY CITY OF OTTAWA STAFF ONLY.
11. NO CONNECTION TO EXISTING WATER NETWORK SHALL BE COMPLETED UNTIL A WATER PERMIT IS OBTAINED FROM THE CITY OF OTTAWA AND CITY OF OTTAWA FORCES ARE ON HAND TO MAKE THE CONNECTION.



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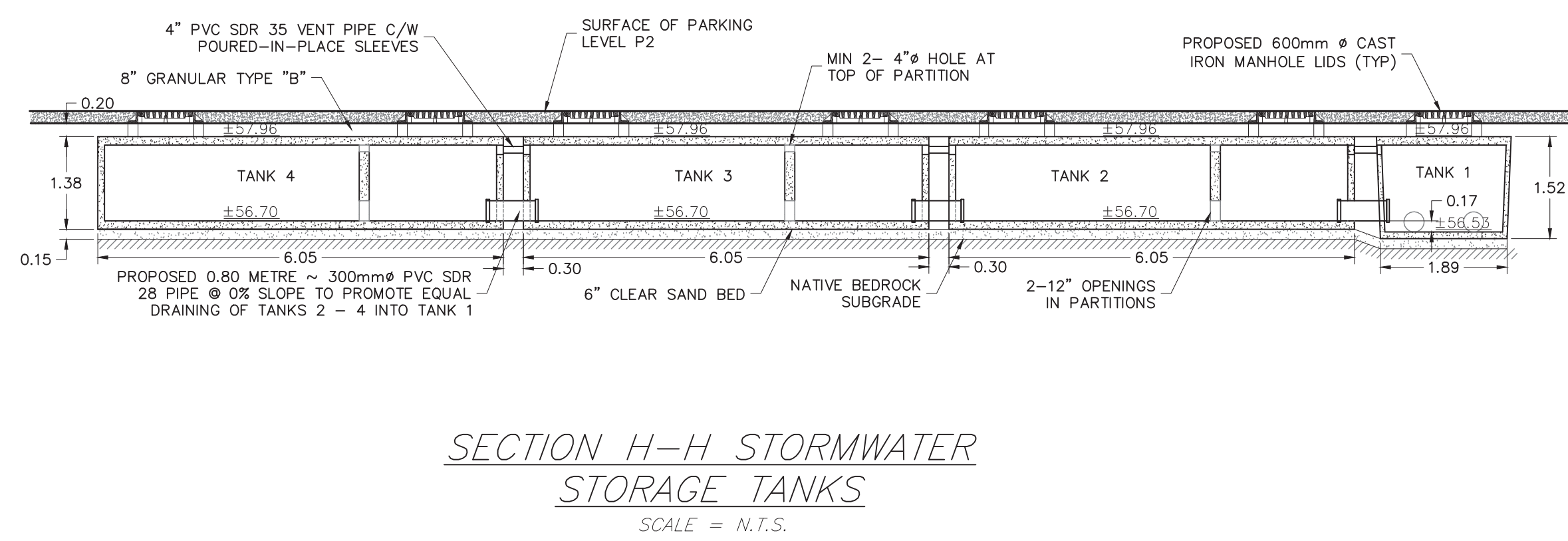
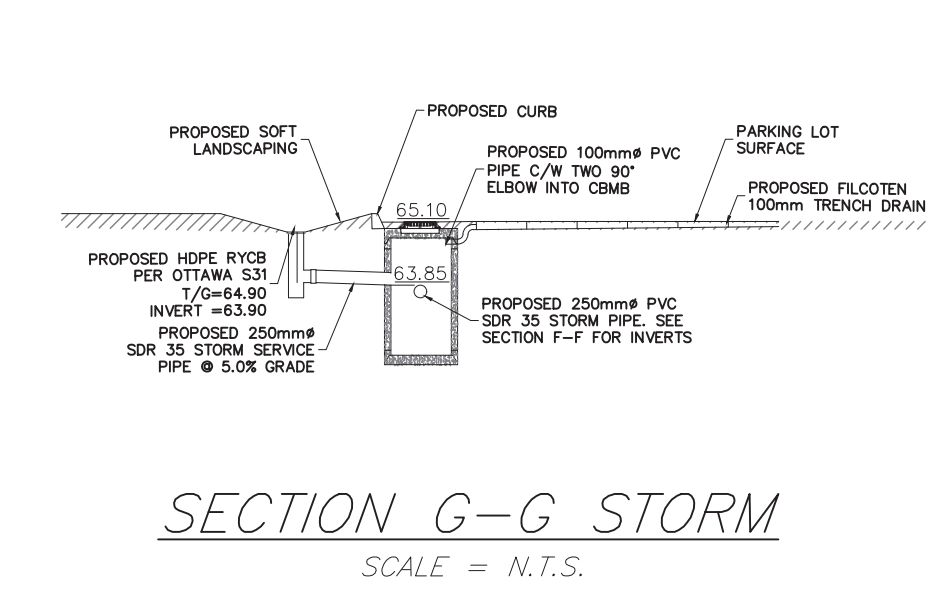
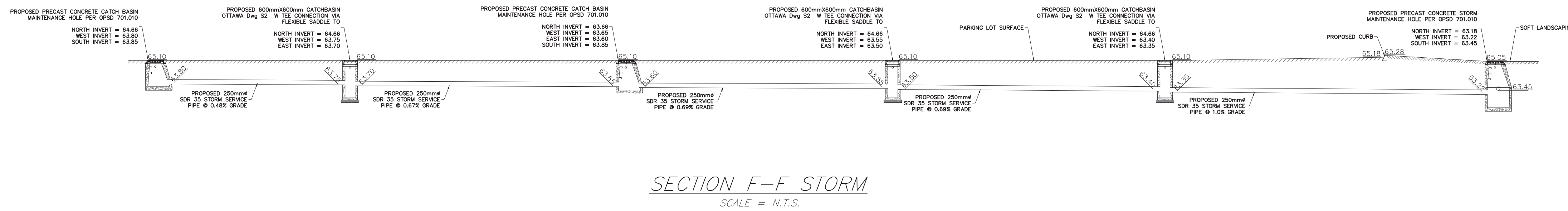
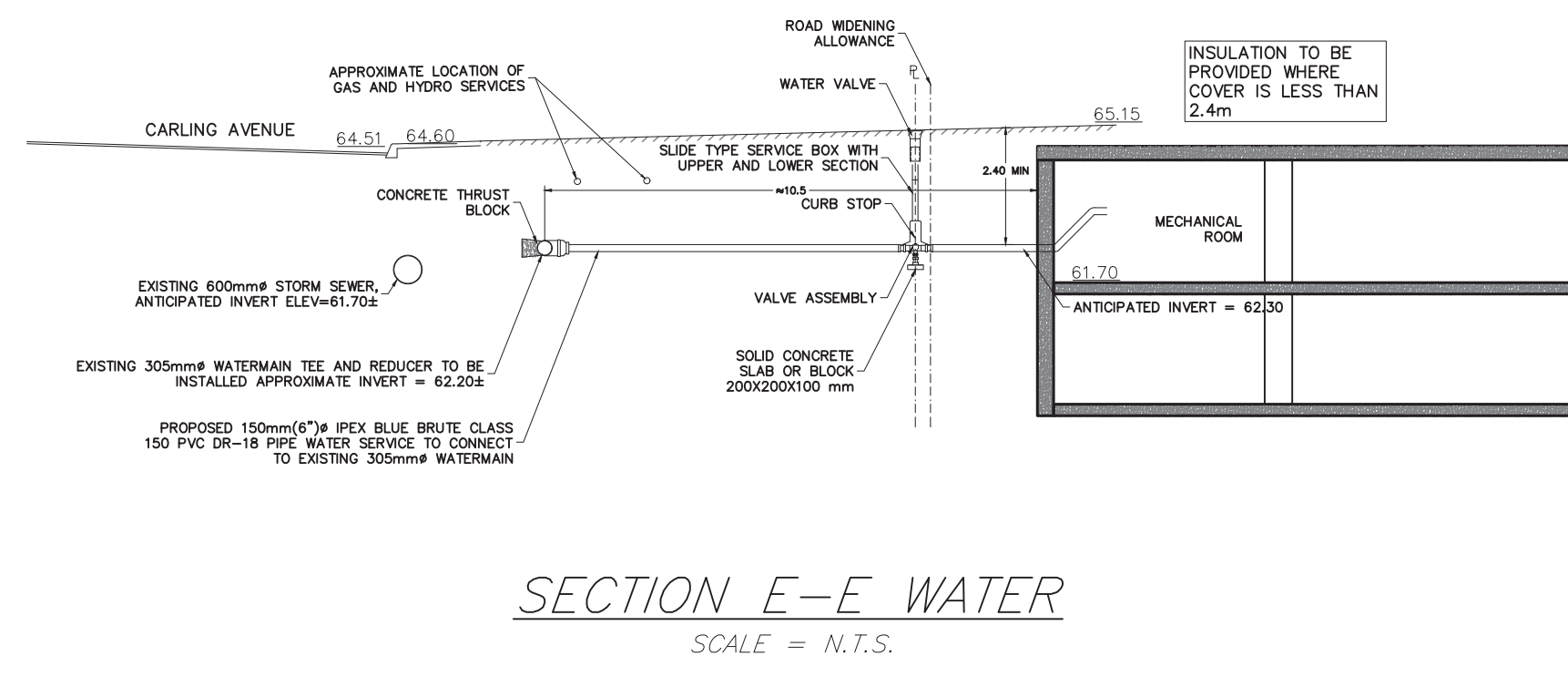
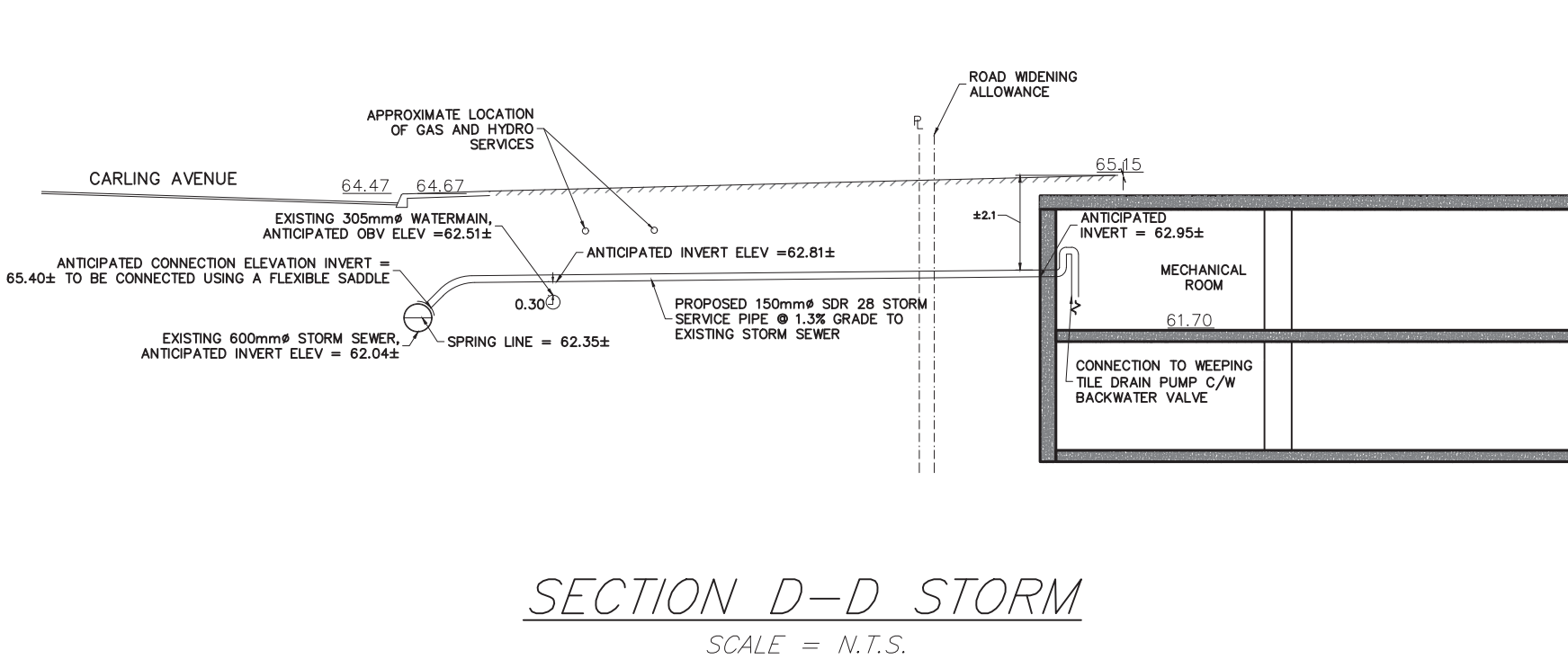
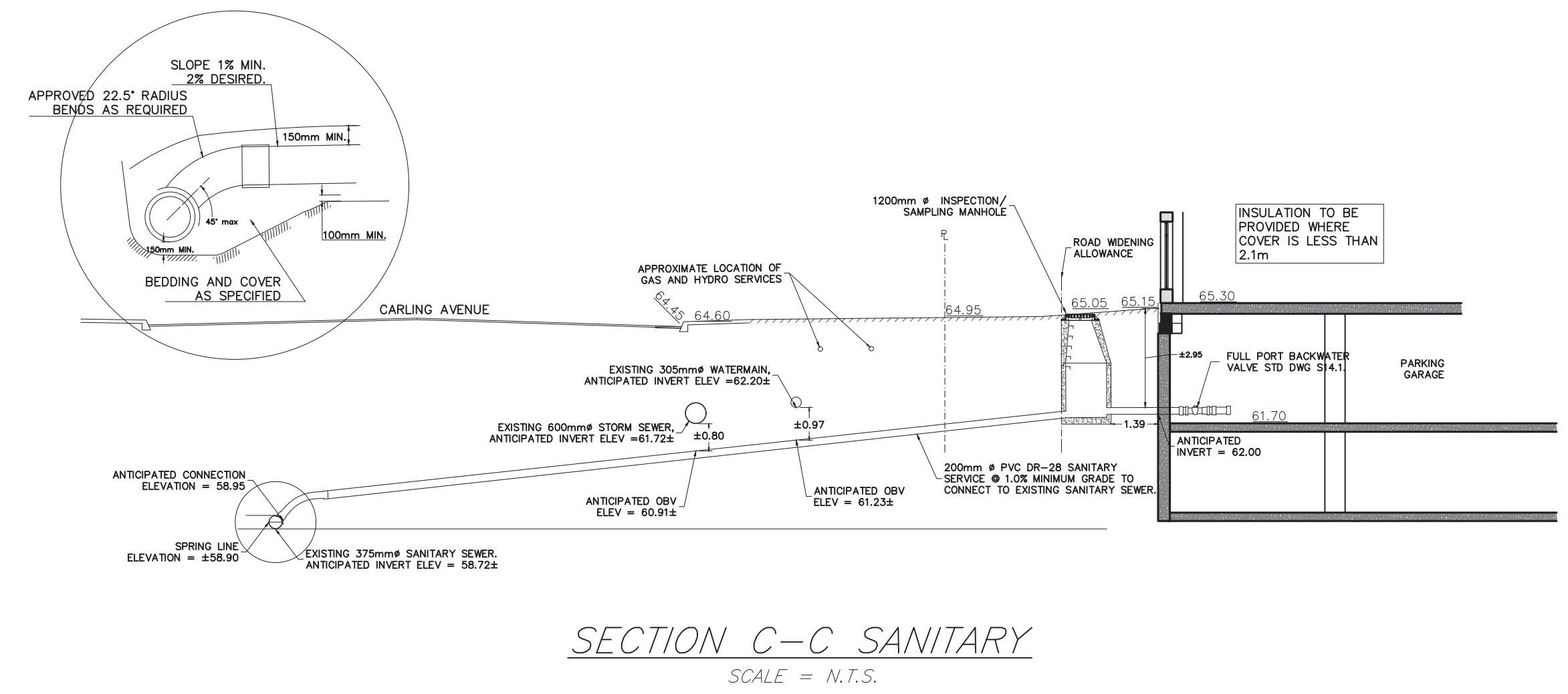
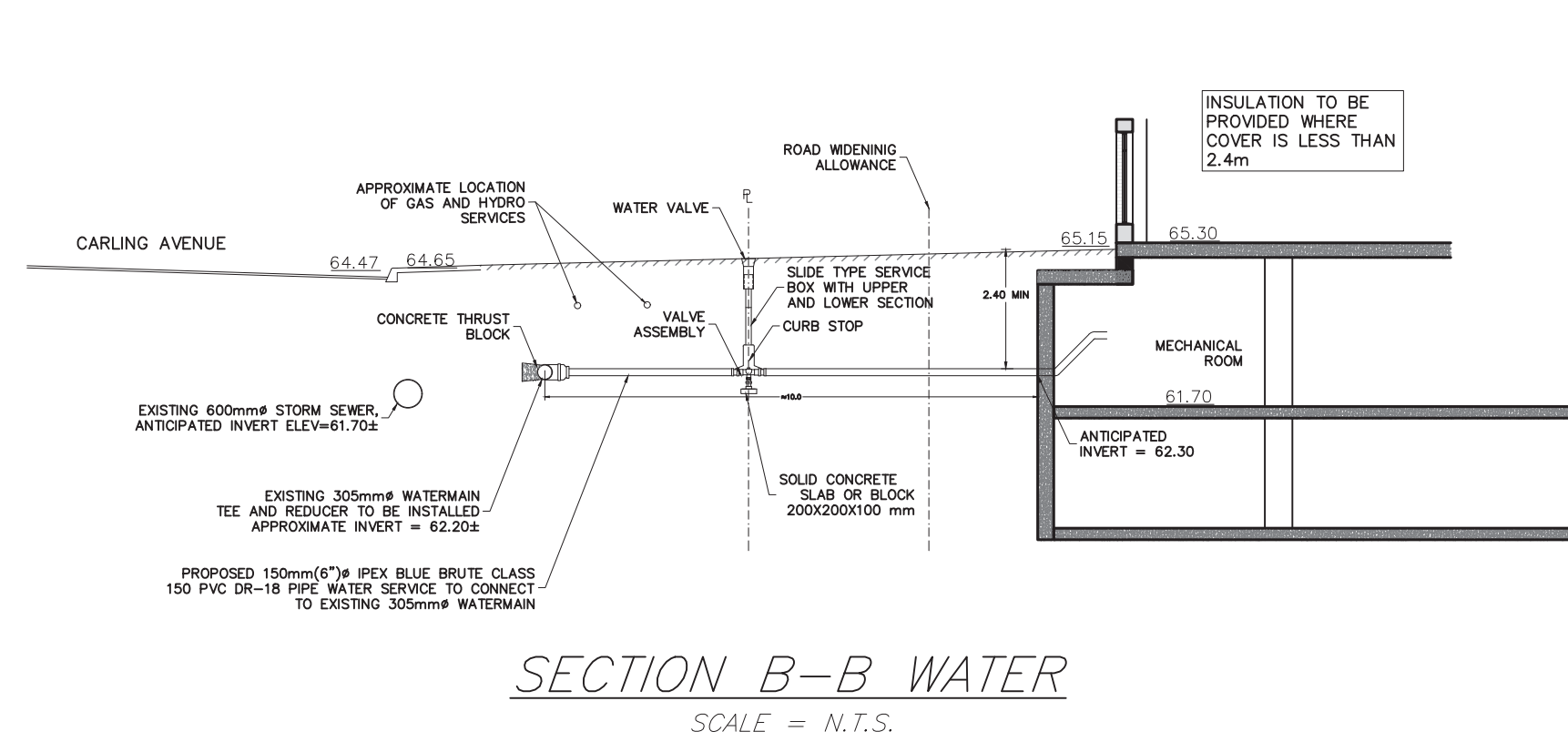
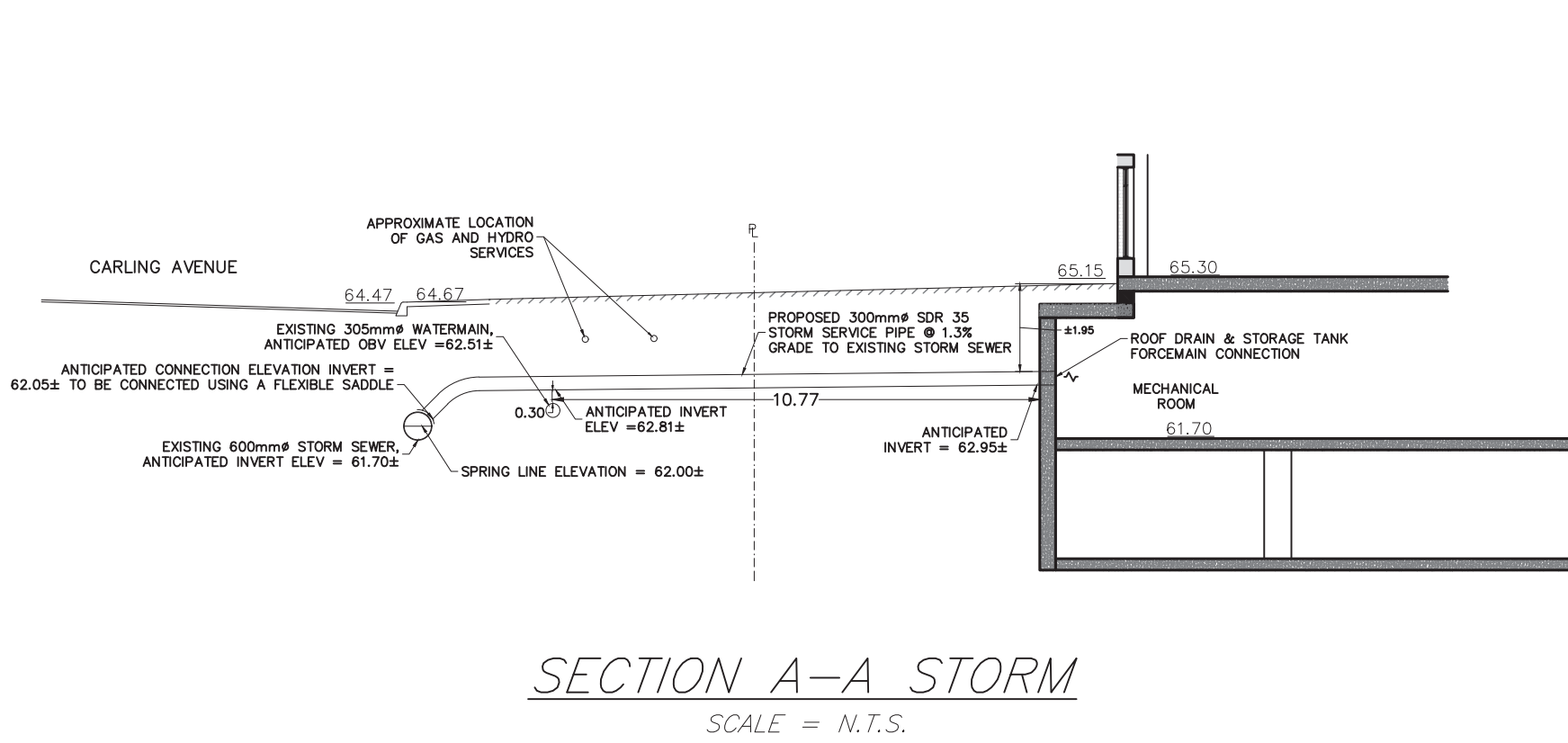
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CONSULTANTS section featuring Rohit Communities logo and contact information.

Kollaard Associates Engineers logo and contact information.

Professional Engineer stamp for S.E. deWit, dated 28 MAR 2023.

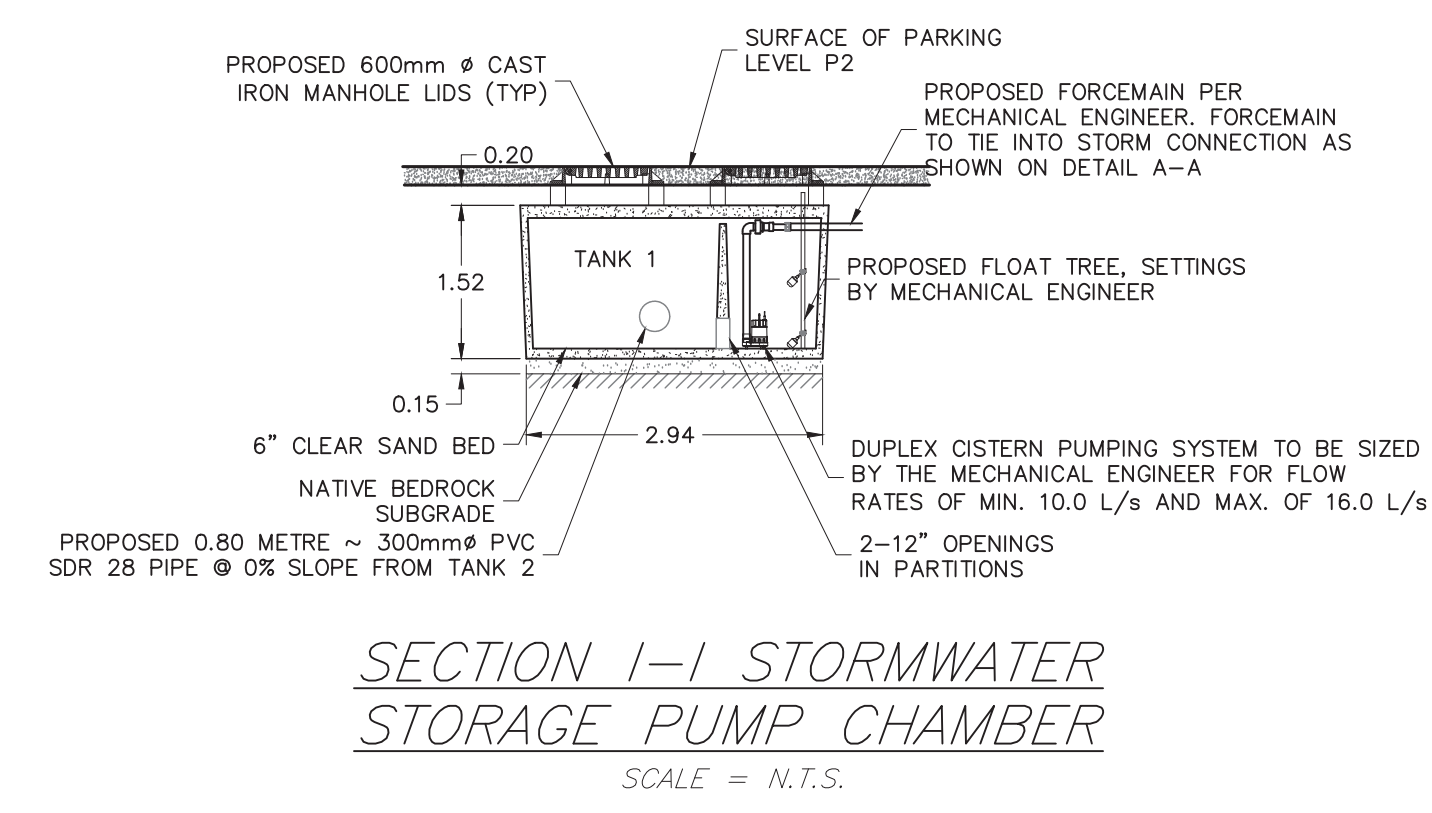
Project information table with columns for CLIENT NAME, PROJECT NAME, PROJECT LOCATION, DRAWING, PROJECT No., DATE, SCALE, and DRAWING No.



NOTE:
STORAGE TANKS TO BE VEHICULAR RATED FOR PLACEMENT UNDER THE PARKING SLAB. SHOP DRAWINGS TO BE PROVIDED TO THE ENGINEER PRIOR TO CONSTRUCTION

STORAGE TANKS: BOYD BRO'S
12,265L LB-2 COMPARTMENT SEPTIC TANK
SERIES NO. BigBlue
MODEL NO. 12
REV. 5.0

PUMP TANK: BOYD BRO'S
5,000 - 2 COMPARTMENT SEPTIC TANK
SERIES NO. 6000
MODEL NO. 6000R
REV. 6.0

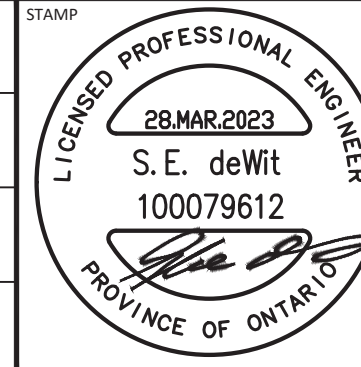


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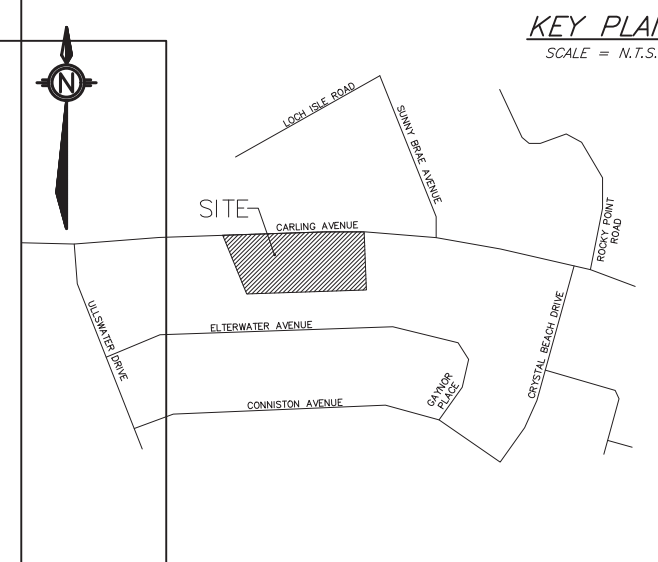
NO.	REVISION	DATE	BY
1	RESPONSE TO 1ST REVIEW COMMENTS	28.MAR.2023	NJR
2	ISSUED FOR SITE PLAN CONTROL	14.DEC.2022	NJR



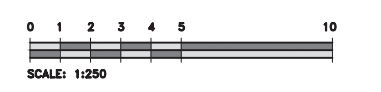
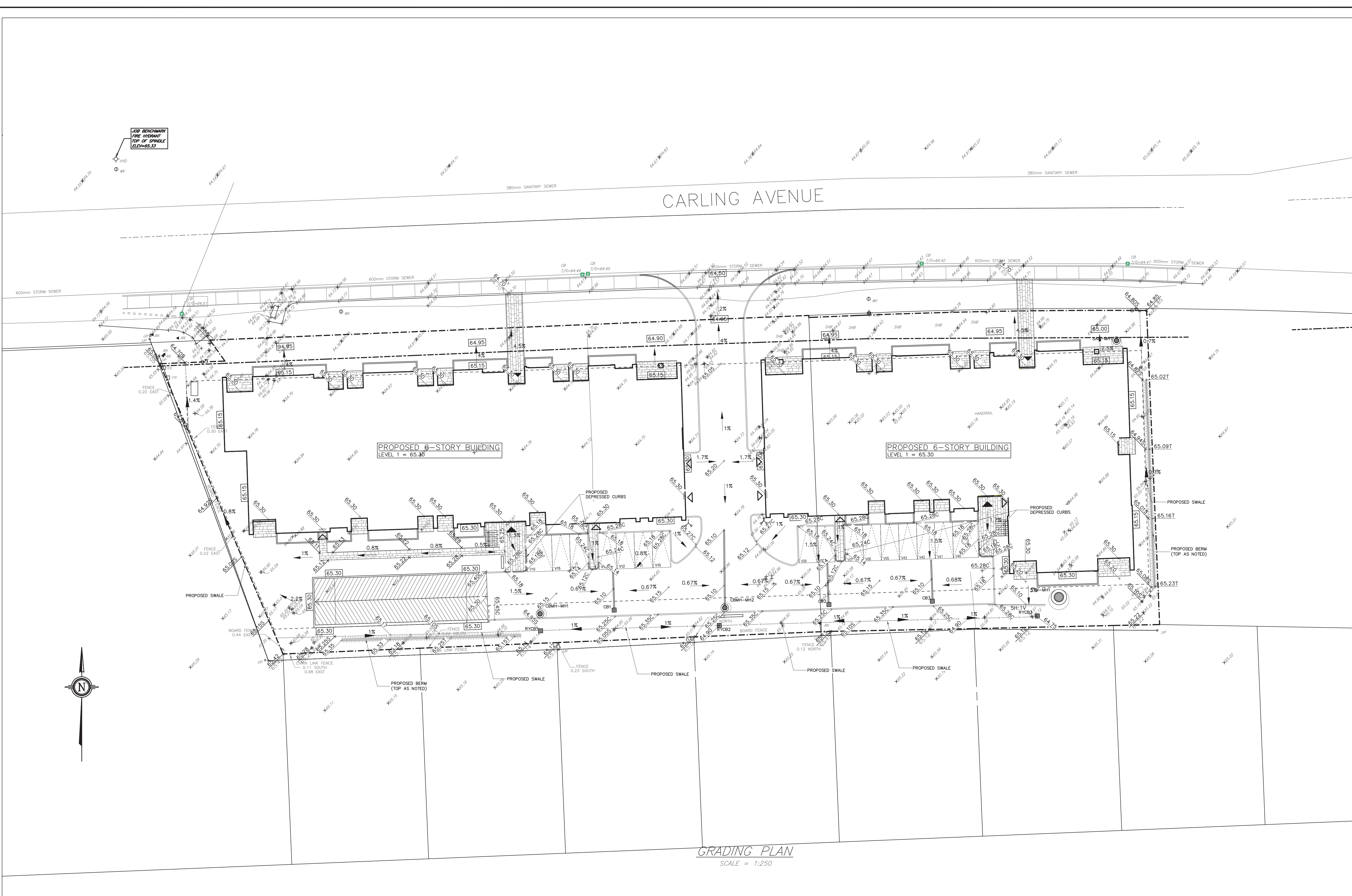
DESIGN	NJR
DRAWN	NJR
CHECKED	SD
APPROVED	SD



CLIENT NAME	ROHIT COMMUNITIES INC.	PROJECT NO.	220978
PROJECT NAME	PROPOSED RESIDENTIAL DEVELOPMENT	DATE	14.DEC.2022
PROJECT LOCATION	3430 CARLING AVENUE, OTTAWA, ONTARIO	SCALE	N.T.S.
DRAWING	SITE SERVICING DETAILS	DRAWING NO.	220978 - DET



CARLING AVENUE



LEGEND

- EXISTING ELEVATIONS
- PROPOSED/EXISTING ELEVATIONS
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- SILT FENCE
- SLOPE (MAX 1V:3H)
- OVERLAND FLOW ROUTE
- DEPRESSED CURB

GRADING PLAN
SCALE = 1:250

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- ALL MATERIALS AND CONSTRUCTION TO BE IN ACCORDANCE WITH CITY OF OTTAWA STANDARDS AND ONTARIO PROVINCIAL STANDARDS AND SPECIFICATIONS.
- ANY CHANGES MADE TO THIS PLAN MUST BE VERIFIED AND APPROVED BY KOLLAARD ASSOCIATES, INC.
- THIS DRAWING IS PART OF KOLLAARD ASSOCIATES DESIGN REPORT #220978.

NO.	REVISION	DATE	BY
1	RESPONSE TO 1ST REVIEW COMMENTS	28 MAR. 2023	NJR
2	ISSUED FOR SITE PLAN CONTROL	14 DEC. 2022	NJR

CONSULTANTS

Kollaard Associates
Engineers

BOX 189
210 PRESOTT STREET
KEMPVILLE, ONTARIO
K0G 1J0
FACSIMILE (613) 258-0475

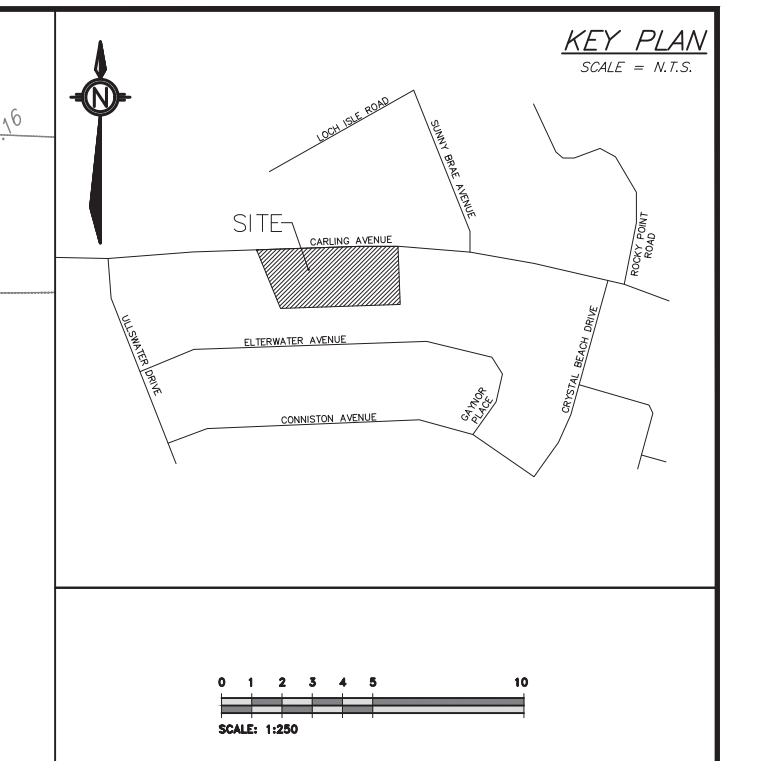
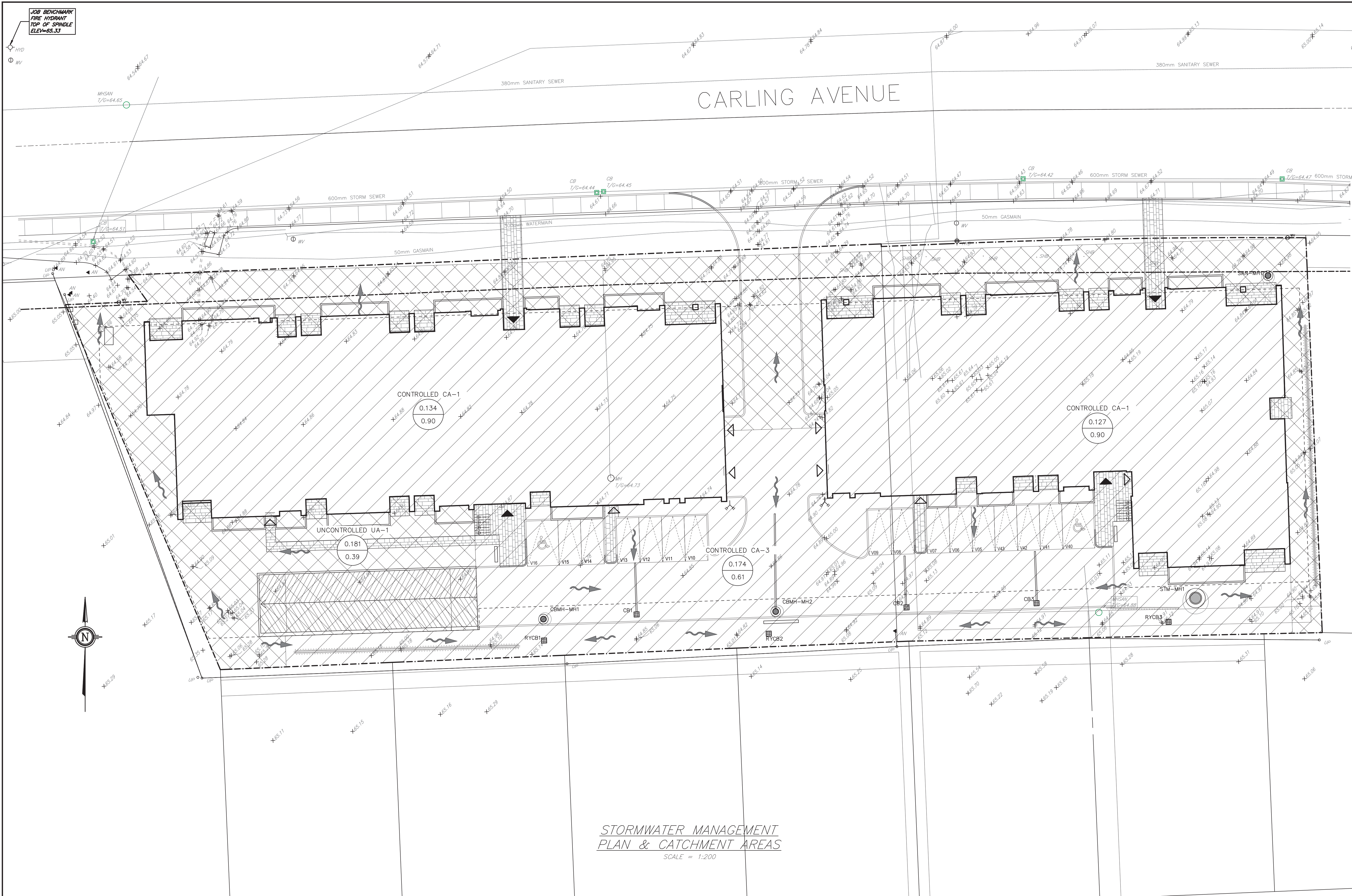
(613) 860-0923

DESIGN	NJR
DRAWN	NJR
CHECKED	SD
APPROVED	SD



CLIENT NAME	ROHIT COMMUNITIES INC.
PROJECT NAME	PROPOSED RESIDENTIAL DEVELOPMENT
PROJECT LOCATION	3430 CARLING AVENUE, OTTAWA, ONTARIO
DRAWING	GRADING PLAN

PROJECT No.	220978
DATE	14 DEC. 2022
SCALE	1:250
DRAWING No.	220978 - GR



LEGEND (STORM WATER MANAGEMENT)

	CATCHMENT LABEL
	CATCHMENT AREA (HECTARES)
	RUNOFF COEFFICIENT
	CATCHMENT AREA BOUNDARY
	DIRECTION OF FLOW
	PROPERTY LINE
	SILT FENCE
	CONTROLLED AREA
	UNCONTROLLED AREA
	DRAINAGE PATTERN

*STORMWATER MANAGEMENT
PLAN & CATCHMENT AREAS*
SCALE = 1:200

NOTES:
 1. ALL DIMENSIONS ARE IN METRES, UNLESS OTHERWISE SPECIFIED. TOPOGRAPHIC SURVEY WAS PROVIDED BY STANTEC GEOMATICS LTD. TOPOGRAPHIC SURVEY IS GEODETIC AND REFERRED TO THE CGVD-1928:1978 GEODETIC DATUM. BEARINGS ARE GRID, DERIVED FROM CAN-NET VRS NETWORK GPS OBSERVATIONS ARE REFERENCED TO SPECIFIED CONTROL POINTS 01919680005 AND 19773035 AND 19680191, MTM ZONE 9 (76°30' WEST LONGITUDE) NAD-83 (ORIGINAL)
 2. THIS IS NOT A LEGAL SURVEY.
 3. BOUNDARY INFORMATION DERIVED FROM STANTEC GEOMATICS LTD.
 4. EXISTING SERVICES INFORMATION SHOWN ARE BASED ON BEST CURRENT INFORMATION. CONTRACTOR TO VERIFY EXACT LOCATION AND REPORT ANY DISCREPANCIES TO KOLLAARD ASSOCIATES INC.
 5. CLIENT IS RESPONSIBLE FOR ACQUIRING ALL NECESSARY PERMITS.
 6. CONTRACTOR TO VERIFY THAT APPROPRIATE PERMITS HAVE BEEN ACQUIRED PRIOR TO

ANY CONSTRUCTION.
 7. CONTRACTOR IS RESPONSIBLE FOR LOCATION AND PROTECTION OF UTILITIES.
 8. ALL DIMENSIONS TO BE VERIFIED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION.
 9. THIS DRAWING IS NOT FOR CONSTRUCTION UNTIL ALL APPROVALS HAVE BEEN GRANTED.
 10. INSPECTION OF ROUGH GRADE BY KOLLAARD ASSOCIATES INC. AND CITY OF OTTAWA MUST BE CONDUCTED PRIOR TO PLACEMENT OF TOPSOIL OR SOD.
 11. HYDRO, GAS, COMMUNICATIONS SERVICE TO BE INSTALLED ACCORDING TO THE SPECIFICATIONS OF SERVICE PROVIDER AND THE MECHANICAL ENGINEER.
 12. ALL MATERIALS AND CONSTRUCTION TO BE IN ACCORDANCE WITH CITY OF OTTAWA STANDARDS AND ONTARIO PROVINCIAL STANDARDS AND SPECIFICATIONS
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 14. THIS DRAWING IS PART OF KOLLAARD ASSOCIATES DESIGN REPORT #220978.

No.	REVISION	DATE	BY
1	RESPONSE TO 1ST REVIEW COMMENTS	28.MAR.2023	NJR
2	ISSUED FOR SITE PLAN CONTROL	14.DEC.2022	NJR

CONSULTANTS

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DESIGN	NJR
DRAWN	NJR
CHECKED	SD
APPROVED	SD



CLIENT NAME	ROHIT COMMUNITIES INC.
PROJECT NAME	PROPOSED RESIDENTIAL DEVELOPMENT
PROJECT LOCATION	3430 CARLING AVENUE, OTTAWA, ONTARIO
DRAWING	STORMWATER MANAGEMENT PLAN & CATCHMENT AREAS

PROJECT No.	220978
DATE	14.DEC.2022
SCALE	1:250
DRAWING No.	220978 - SWMP