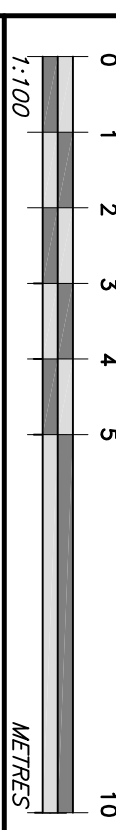
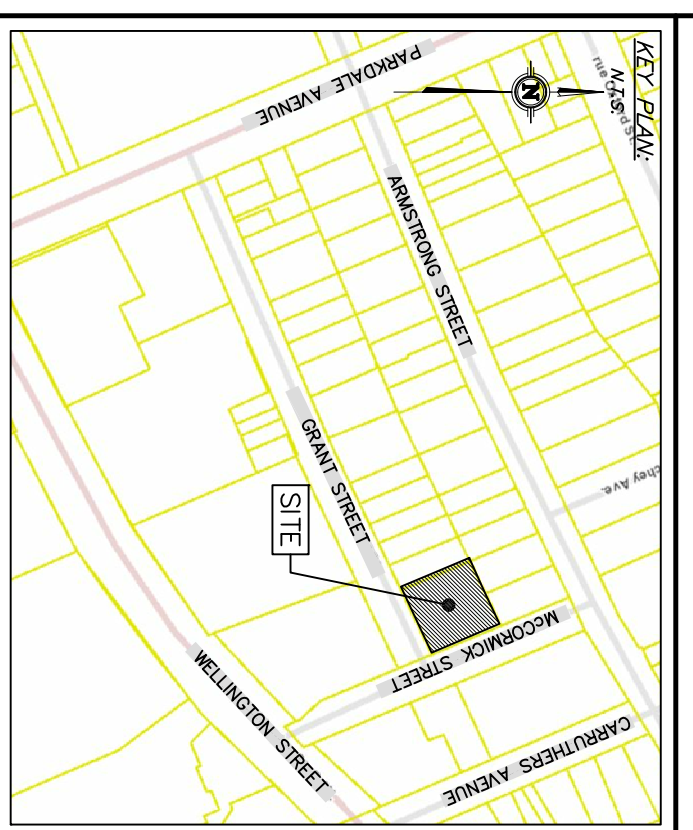


DRAWING NUMBER:

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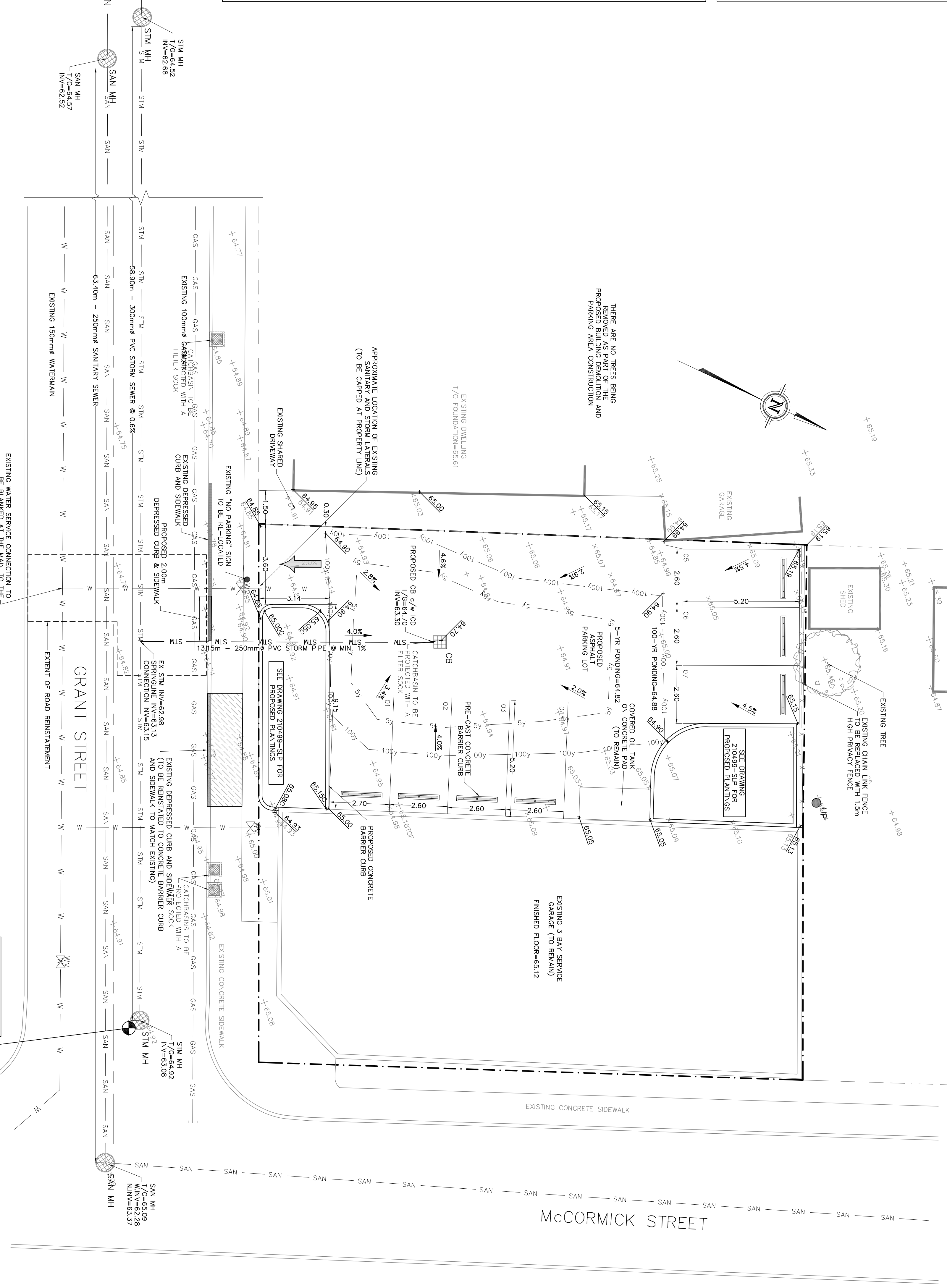
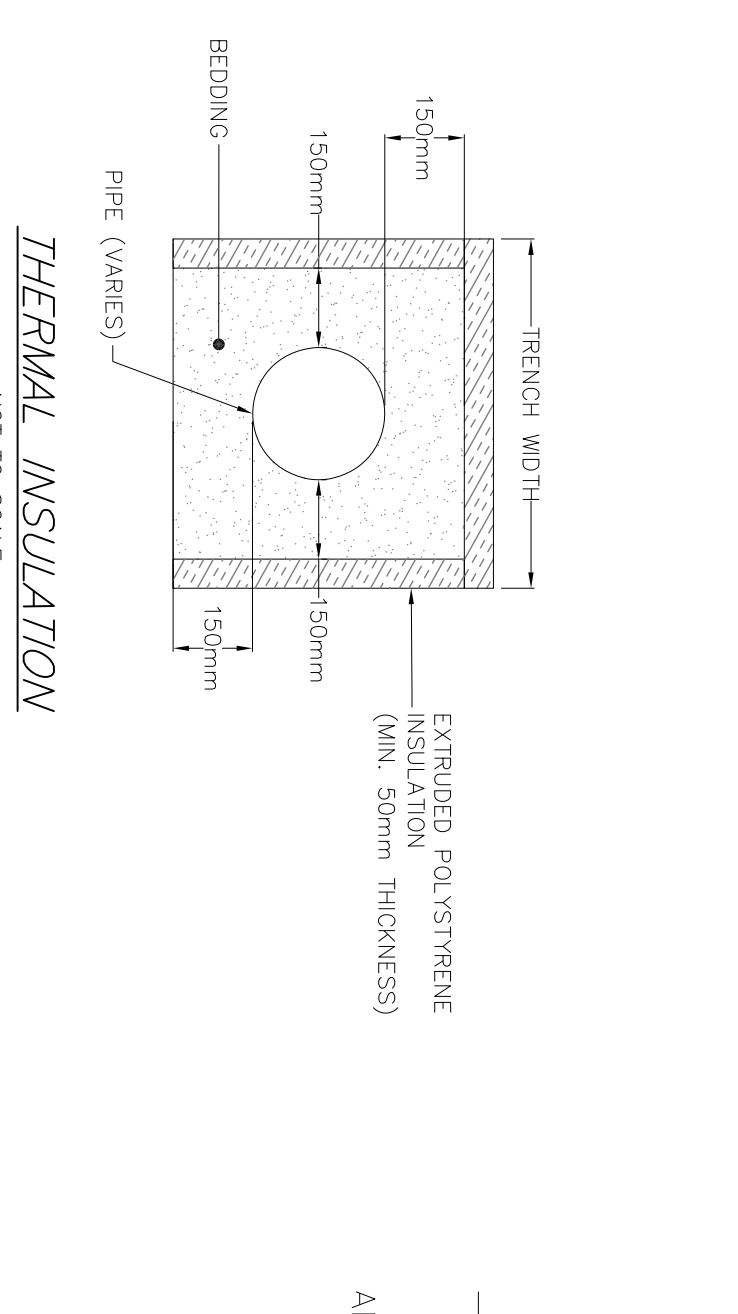
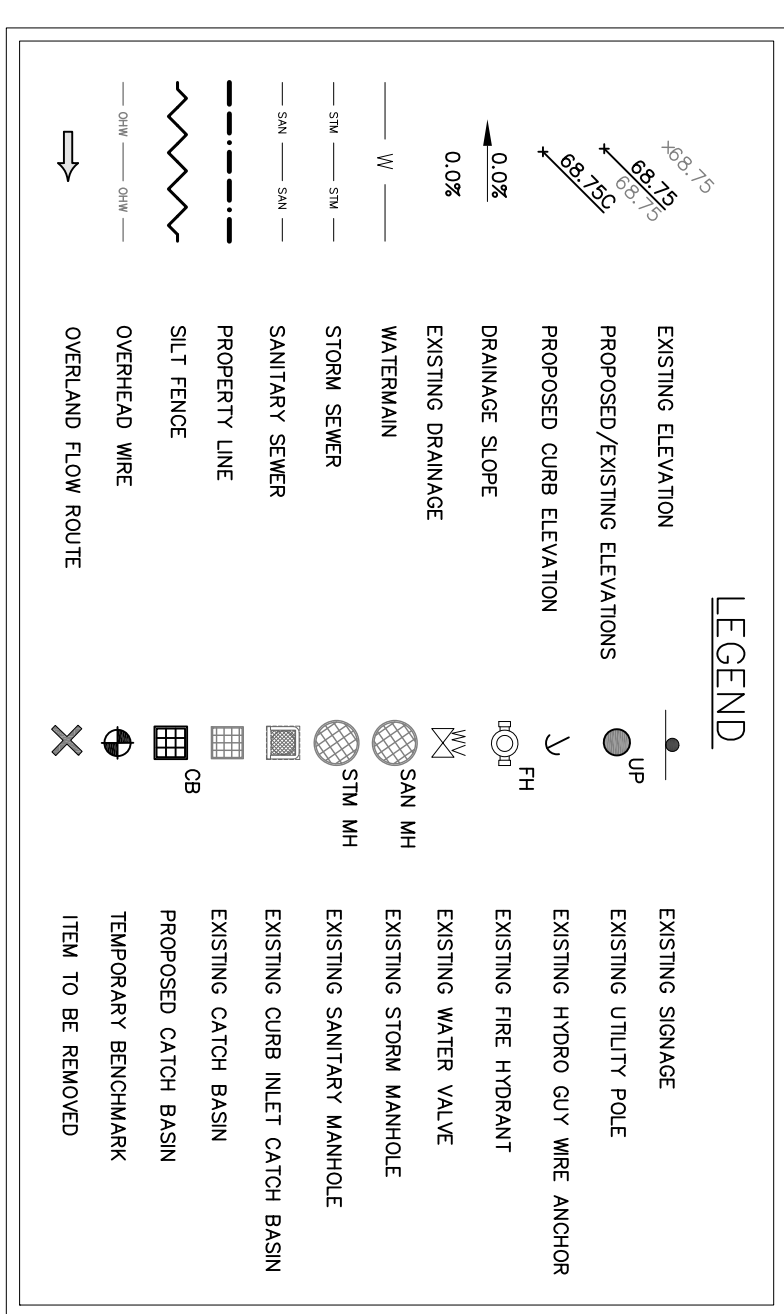


GENERAL NOTES:

1. ALL DIMENSIONS ARE IN METERS; ALL ELEVATIONS ARE IN METERS AND ARE ABOVE LL.
2. TBM = TOP OF GRADE (T/O) OF STORM MANHOLE ELEVATION = 64.92.
3. THIS IS NOT A LEGAL SURVEY; BOUNDARY INFORMATION WAS DERIVED FROM AN UNREGISTERED SURVEYOR'S REPORT AND IS NOT TO BE USED FOR ANY LEGAL PURPOSES.
4. CONTRACTOR IS RESPONSIBLE FOR LOCATION AND PROTECTION OF UTILITIES.
5. ALL DIMENSIONS TO BE VERIFIED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION.
6. ANY CHANGES MADE TO THIS PLAN MUST BE VERIFIED AND APPROVED BY THE ENGINEER.
7. CLIENT IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS. THIS DRAWING IS NOT FOR CONSTRUCTION UNTIL A BUILDING PERMIT HAS BEEN OBTAINED.
8. THE OWNER AGREES TO PROVIDE AND MAINTAIN AN EGRESS AND OTWAK APPROPRIATE TO THE SITE CONDITIONS, PRIOR TO UNDERMINING EXISTING FOUNDATIONS AND UTILITIES.
9. ALL MATERIALS AND CONSTRUCTION TO BE IN ACCORDANCE WITH CITY SPECIFICATIONS AND STANDARDS. ALL MATERIALS MUST BE SUBMITTED FOR APPROVAL PRIOR TO CONSTRUCTION.
10. DRAWING IS NOT FOR CONSTRUCTION UNTIL A BUILDING PERMIT HAS BEEN OBTAINED.

- 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	SECTION	QTY	UNIT
CATCH BASIN (800mm x 800mm)	9850 705.010	52	ST & S111
SEWER SERVICE CONNECTION	9850 701.021		
CATCH BASIN MANHOLE ADJUSTMENTS	9850 700.010		
CATCH BASIN FRAME & COVER	9850 400.020	519	S22 & S23
SEWER TRENCH		56	& 57
 3. INSULATE ALL STORM PIPES THAT HAVE LESS THAN 25mm COVER AND ALL SANITARY PIPES THAT HAVE LESS THAN 25mm COVER WITH THERMAL INSULATION. PROVIDE 150mm CLEARANCE BETWEEN PIPES AND INSULATION MAXIMUM DRY DENSITY.
 4. FLEXIBLE CONNECTIONS ARE REQUIRED FOR CONNECTION PIPES TO MANHOLES (FOR EXAMPLE KORK-N-SEAL, PEX, POSITIVE SEAL AND DUKSEAL). SANITARY RUBBER CASKET TIE JOINTS SHALL CONFORM TO CSA (B-182.3.14).
 5. BUILDING CONTRACTOR TO PROVIDE TEMPORARY ADDITIONAL GRANULAR BACKFILL ABOVE SHALLOW UTILITIES AND STORM SEWERS TO SUPPORT HEAVY CONSTRUCTION EQUIPMENT.
 6. CONTRACTOR TO TELETYPE (CCTV) ALL PROPOSED SEWERS, 200mm OR GREATER PRIOR TO BASE COURSE ASPHALT. UPON COMPLETION OF CONTRACT, THE CONTRACTOR IS RESPONSIBLE TO FLUSH AND CLEAN ALL SEWERS & APPURTENANCES TO MUNICIPAL SATISFACTION.
 9. WHERE THE SANITARY SEWER PASSES ABOVE THE WATERMAIN, THE CONTRACTOR IS TO PROVIDE A MINIMUM OF 0.50m VERTICAL SEPARATION, ADEQUATE STRUCTURAL SUPPORT OF THE SEWER TO PREVENT SETTLING AND EXCESSIVE JOINT DEFLECTION AND ENSURE THAT THE LENGTH OF THE WATER PIPE BE CENTERED AT THE POINT OF CROSSING SO THAT THE JOINTS ARE EVIDENT AND AS FAR AS POSSIBLE FROM THE SEWER.

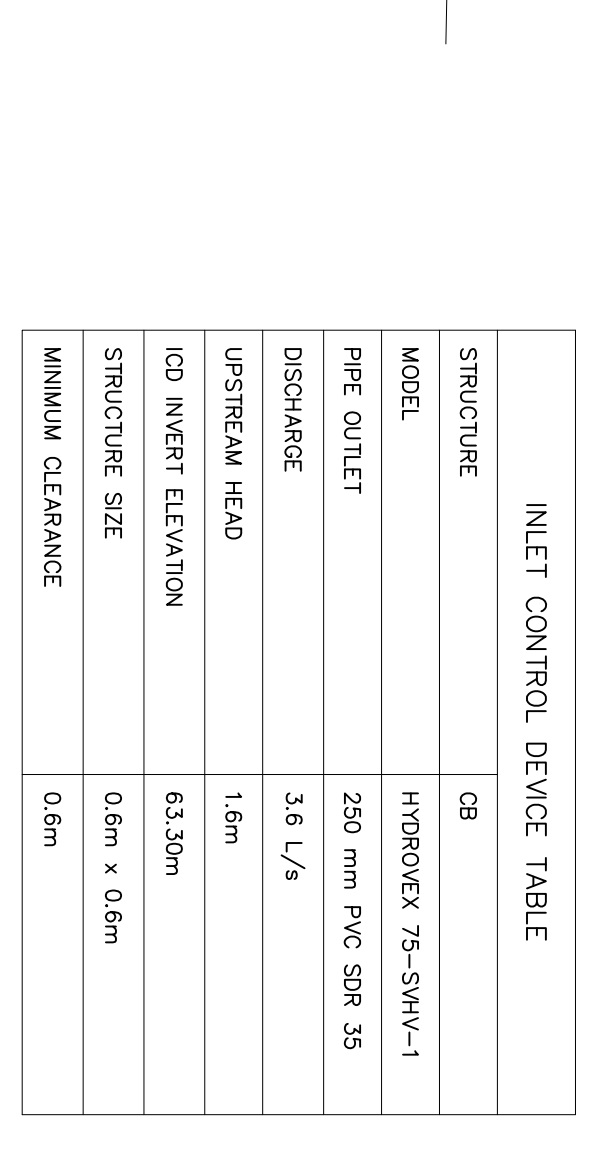
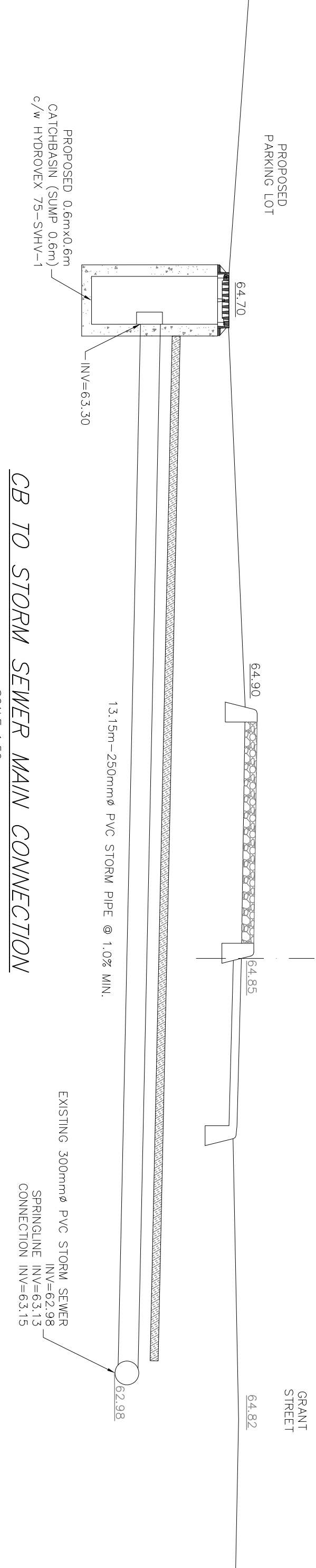


SITE GRADING & SERVICING PLAN

SCALE = 1:1100

INLET CONTROL DEVICE TABLE

STRUCTURE	MODEL	PIPE OUTLET	DISCHARGE	UPSTREAM HEAD	ICD INVERT ELEVATION	STRUCTURE SIZE	MINIMUM CLEARANCE
CB	HYDROEX 75-SWV-1	250 mm PVC SDR 35	3.8 L/s	1.6m	63.30m	0.8m x 0.6m	0.8m



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ENGINEER
S.E. DEWIT
100073612
MAY 15, 2021

DRAWING NUMBER: 210499-GSP

PROJECT: SITE GRADING & SERVICING PLAN

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KEMPVILLE, ONTARIO
K0G 1A0 FAX (613) 258-0475
http://www.kollaard.ca

CLIENT: GRANT STREET GARAGE (GEOFF WATSON)

PROJECT: PROPOSED PARKING LOT

LOCATION: 1-3 GRANT STREET, CITY OF OTTAWA, ON

DATE: MAY 15, 2021

ROLLAND FILE NUMBER: 210499