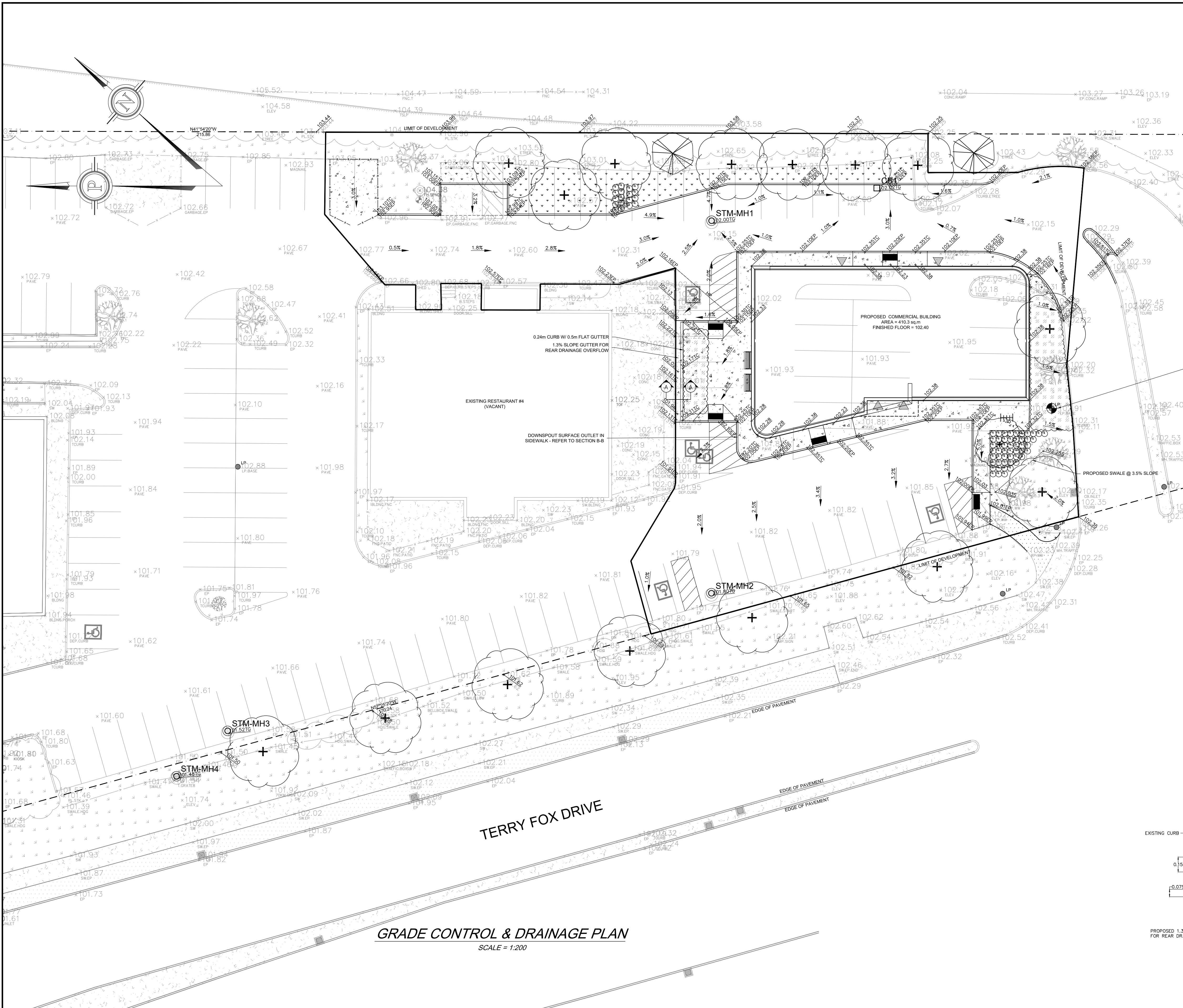




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No.	REVISION	DATE	BY
1	RESPONSE TO CITY OF OTTAWA REVIEW COMMENTS	2026.AUG.28	AVB
0	FOR SITE PLAN CONTROL SUBMISSION	2026.JUL.08	AVB

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ECOBLOC INSPECT SMART PLU
76 MODULE
ECOBLOC BASEPLAT

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	CITY STD. DWG. NO.
SEWER SERVICE CONNECTION	S1 & S11.1
SEWER TRENCH	S6 & S7

3. INSULATE ALL SANITARY PIPES THAT HAVE LESS THAN 2.0m COVER WITH THERMAL INSULATION. PROVIDE 150mm CLEARANCE BETWEEN PIPE AND INSULATION.

4. PIPE BEDDING, COVER AND BACKFILL ARE TO BE COMPACTED TO AT LEAST 98% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY.

5. FLEXIBLE CONNECTIONS ARE REQUIRED FOR CONNECTION PIPES TO MANHOLES (FOR EXAMPLE KOR-N-SAL, PSX; POSITIVE SEAL AND DURASEAL) SANITARY RUBBER GASKET TYPE JOINTS SHALL CONFORM TO CSA (B-182.2,3,4).

6. THE OWNER SHALL REQUIRE THAT THE SITE SERVICING CONTRACTOR PERFORM FIELD TESTS FOR QUALITY CONTROL OF ALL SANITARY SERVICES. DYE TESTING IS TO BE COMPLETED ON ALL SANITARY SERVICES TO CONFIRM PROPER CONNECTION TO THE SANITARY SEWER MAIN. THE FIELD TESTS SHALL BE PERFORMED IN THE PRESENCE OF A CERTIFIED PROFESSIONAL ENGINEER WHO SHALL SUBMIT A CERTIFIED COPY OF THE TEST RESULTS.

9. CONTRACTOR TO TELEWISE (CCTV) THE SEWER LATERAL AFTER PIPE INSTALLATION AND BACKFILL IS COMPLETED. UPON COMPLETION OF CONTRACT, THE CONTRACTOR IS RESPONSIBLE TO FLUSH AND CLEAN ALL SEWERS & APPURTENANCES TO MUNICIPAL SATISFACTION.

10. IF THE SANITARY SERVICE CROSSES 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 EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE SEWER.

1. CITY TO SUPPLY, INSTALL & DISINFECT THE WATER SERVICE; CONTRACTOR TO EXCAVATE, BACKFILL AND REINSTATE THE ROADWAY AS PER STD DWG R10.

2. SPECIFICATIONS:

<u>ITEM</u> <u>REFERENCE</u>	<u>SPEC. No.</u>	<u>City Std_Dwg No.</u>
WATERMAIN BEDDING AND BACKFILL OPSD	802.010/802.031	W17 (trench detail)
CATHODIC PROTECTION OPSD	1109.010	W40
CHLORINATION AWWA	C-651-05	
WATER LATERAL MATERIAL	TYPE K COPPER OR IPEX	

3. WATER SERVICE SHALL BE MINIMUM 2.4m DEPTH BELOW GRADE UNLESS OTHERWISE INDICATED. WHERE LESS THAN 2.4m COVER, THERMAL INSULATION IS TO BE PROVIDED AS PER CITY STD DWG W22 (In shallow trenches), W23 (At open structures).

4. METALLIC WARNING TAPE SHALL BE USED OVER THE WATER SERVICE.

5. INSTALL AND TEST TRACER WIRE FOR THE PROPOSED WATER SERVICE IN ACCORDANCE WITH THE CITY OF OTTAWA DESIGN STANDARDS AS SPECIFIED IN SECTION 4.3.12.

6. EXISTING WATERMAIN INFORMATION SHOWN IS BASED ON BEST CURRENT INFORMATION. CONTRACTOR TO VERIFY EXACT LOCATION OF WATERMAIN AND REPORT ANY DISCREPANCIES TO KOLLAARD ASSOCIATES INC.

7. ALL WATER SERVICES SHALL HAVE A SHUT OFF VALVE LOCATED AT THE PROPERTY LINE. TYPICAL IS TO BE LOCATED AS PER STD. DWG. W33. (with the exception that the curb stop is to be located 1.0 m minimum from the foundation wall); SERVICE POST AS PER STD. DWG. W35.

8. ALL CONNECTORS, RODS AND VALVE BOLTS SHALL BE STAINLESS STEEL.

9. VALVES ARE TO BE OPERATED BY CITY OF OTTAWA STAFF ONLY.

10. 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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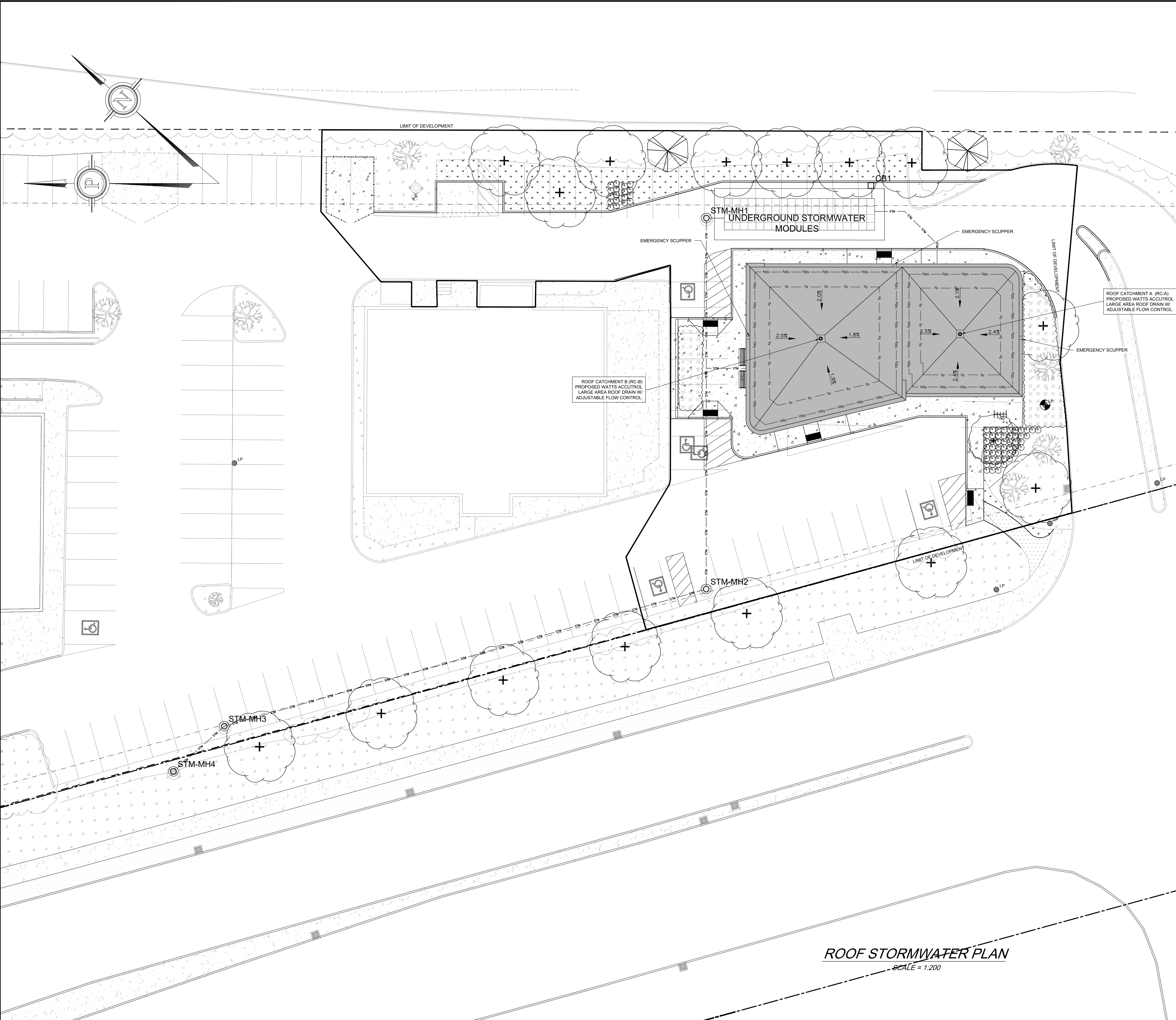
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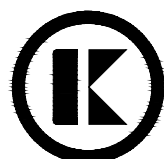
ROOF STORMWATER PLAN
SCALE = 1:200

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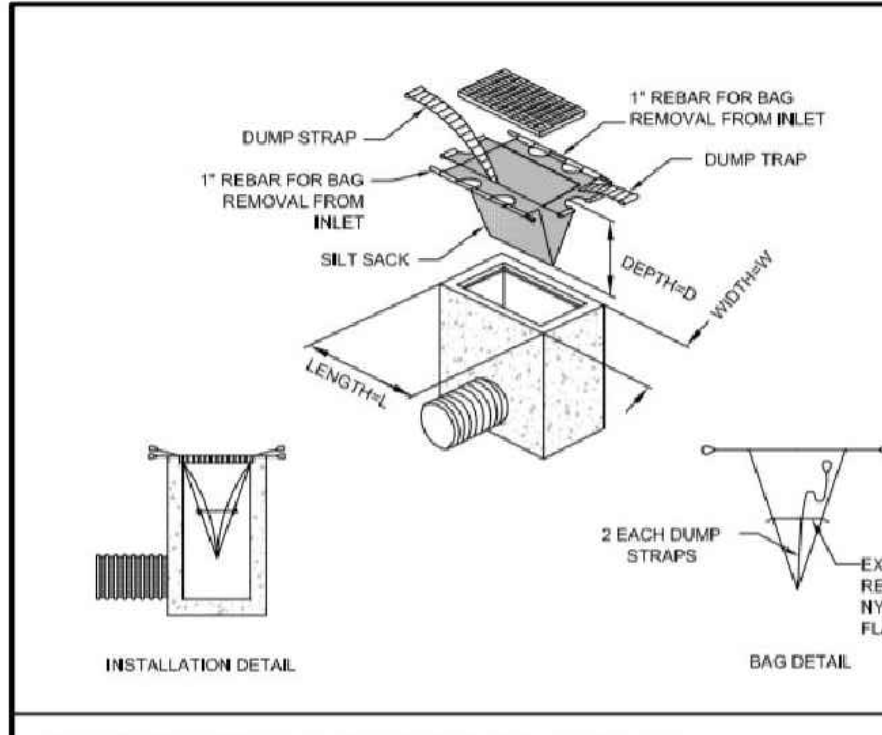
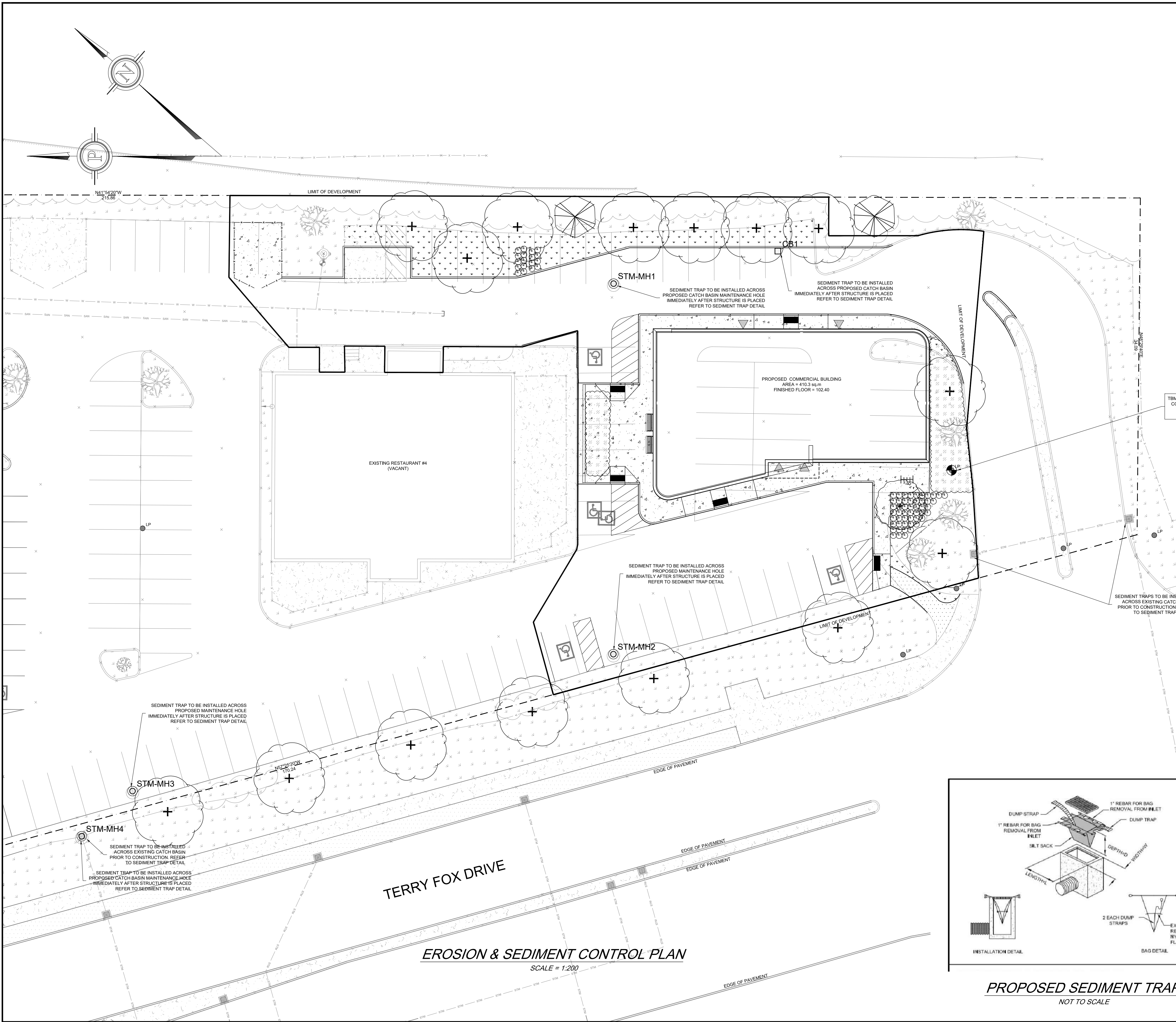
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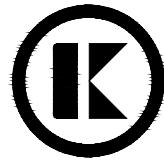


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