

CITY OF NEENAH

DEPARTMENT OF
PUBLIC WORKS

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211 WALNUT ST., NEENAH, WI 54956

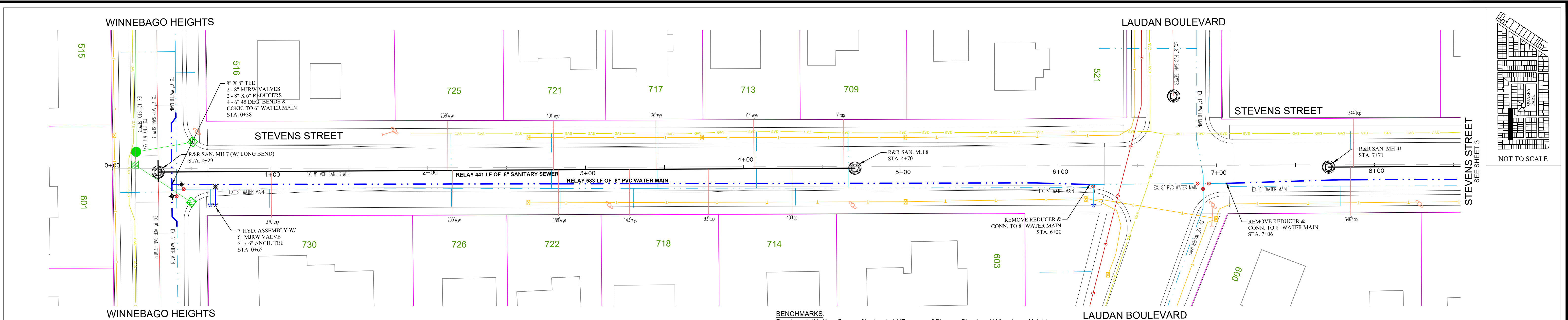
CONTRACT 1-24

**SEWER, WATER, AND
STREET CONSTRUCTION ON
BELMONT AVENUE, BELMONT COURT
CEDAR STREET, & STEVENS STREET**

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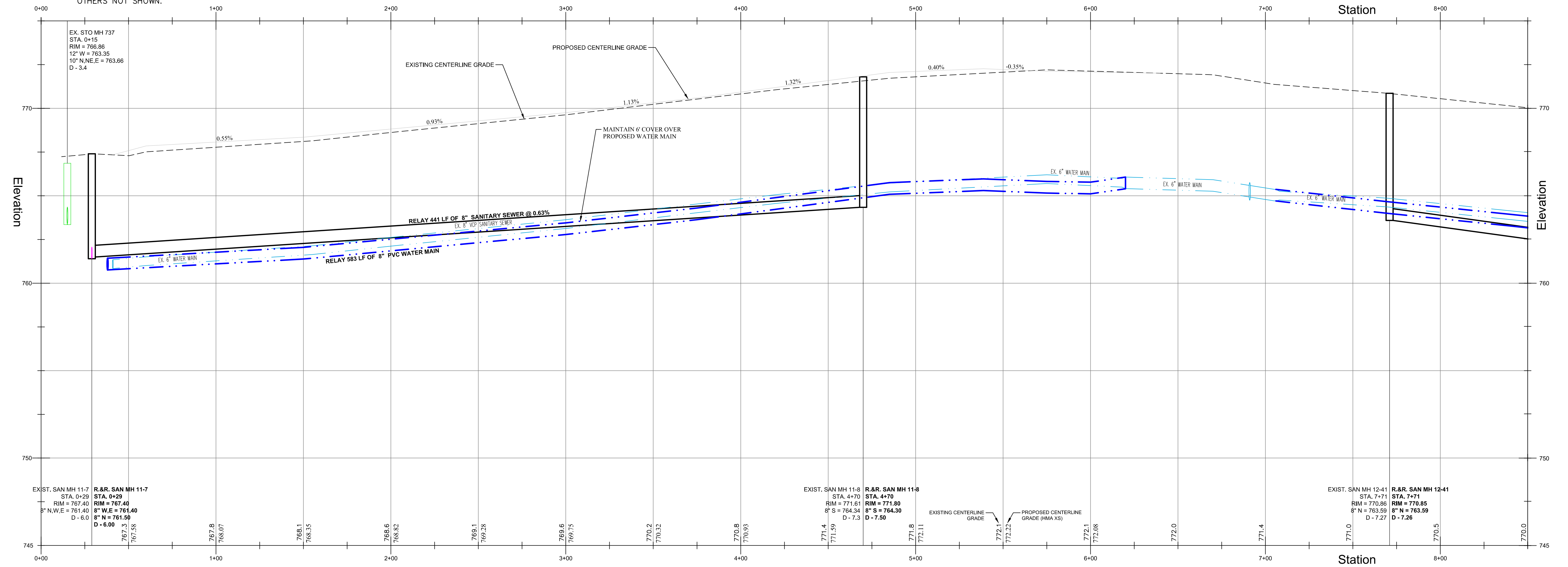
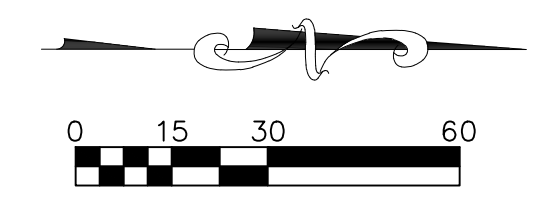
Rev. No.	Sheet No.	Description	Date
		Original	1/15/2024




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THE LOCATION AND SIZE OF ALL UNDERGROUND STRUCTURES SHOWN ON THESE PLANS HAVE BEEN LOCATED TO A REASONABLE DEGREE OF ACCURACY, BUT THE ENGINEER DOES NOT GUARANTEE THEIR EXACT LOCATION NOR THE LOCATION OF OTHERS NOT SHOWN.

BENCHMARKS:
 Benchmark #1: X on flange of hydrant at NE corner of Stevens Street and Winnebago Heights.
 Elevation : 759.60
 Benchmark #2: x on flange of hydrant at Se corner of Stevens Street and Laudan Boulevard.
 Elevation : 763.76
 Benchmark #3: x on flange of hydrant at NE corner of Steven Street and Belmont Avenue.
 Elevation : 763.81
 Benchmark #4: x on flange of hydrant at NE corner of Belmont Avenue and Belmont Court.
 Elevation : 758.14



- NOTES:**
- All trenches within the street right-of-way shall be compacted with a mechanical vibratory compactor according to the special provisions. Backfill within 20 feet of structure (valve, manhole, water shutoff) shall be flooded or jetted. Any trenches out of the street right-of-way and not under an existing driveway or service walk shall be backfilled with existing material.
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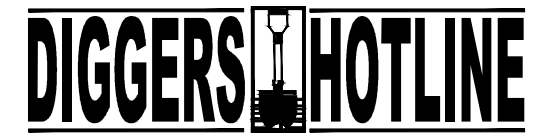
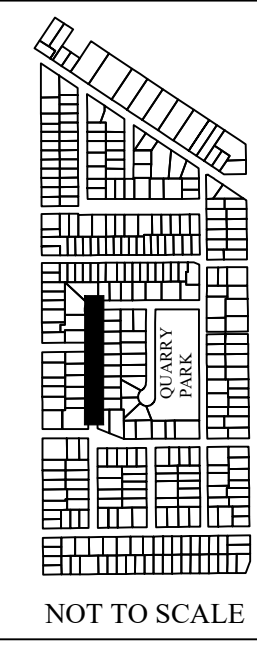
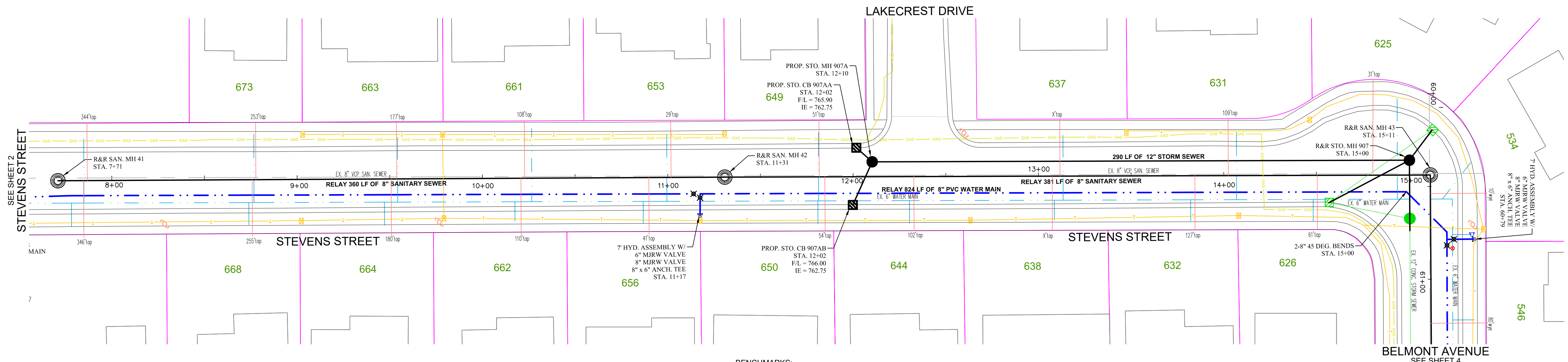


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STEVENS STREET - UTILITIES
 STATION 0+00 TO STATION 8+00
 1-24 SEWER, WATER AND STREET CONSTRUCTION

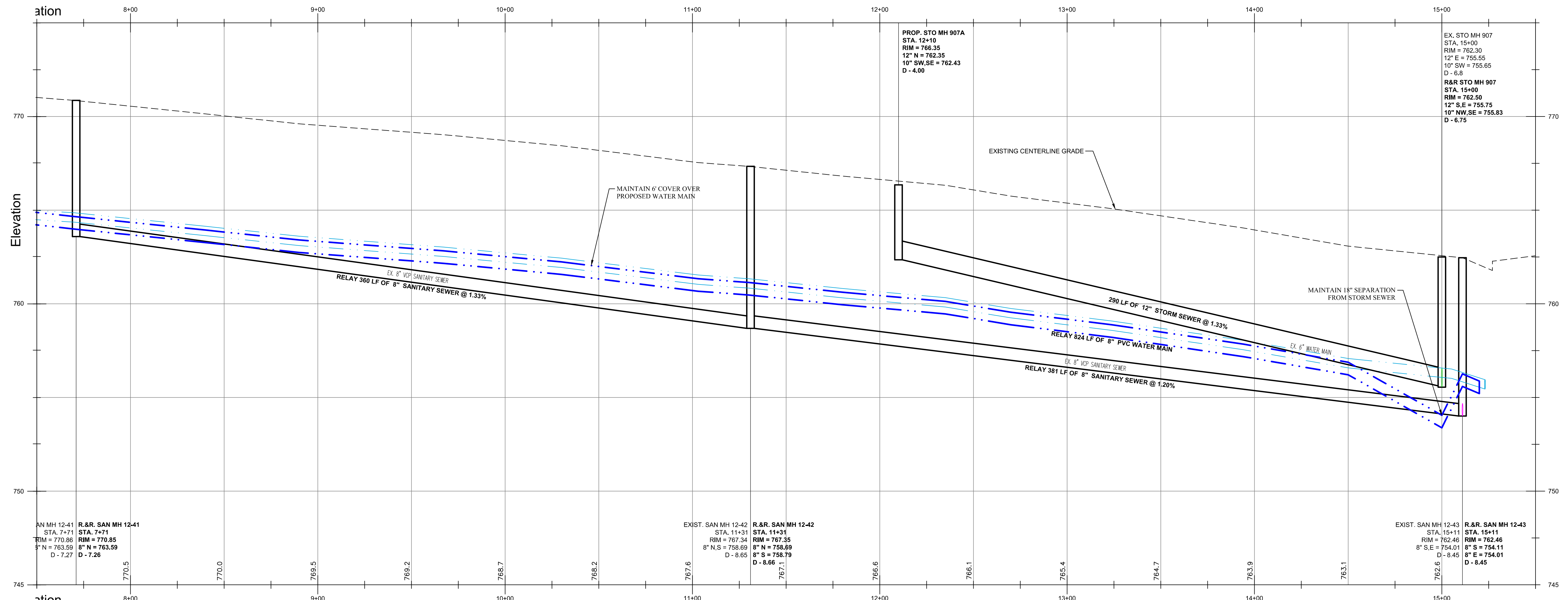
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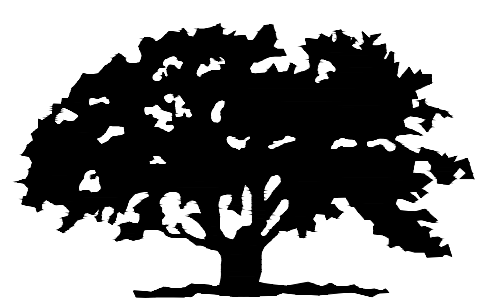
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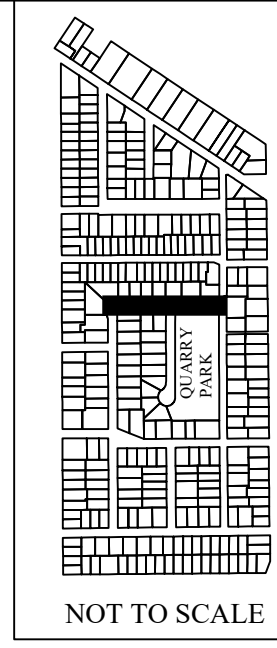


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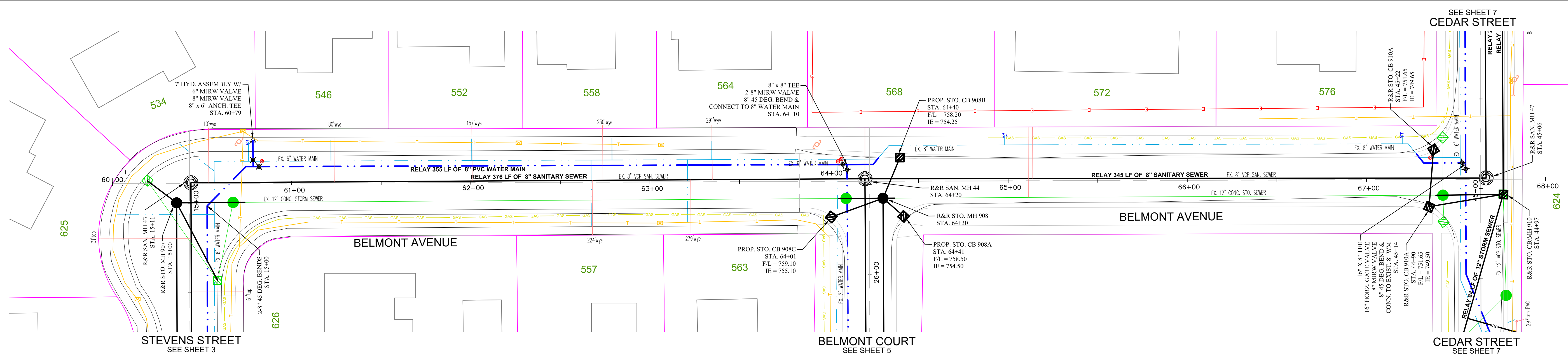
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STEVENS STREET - UTILITIES
STATION 8+00 TO STATION 15+50
1-24 SEWER, WATER AND STREET CONSTRUCTION



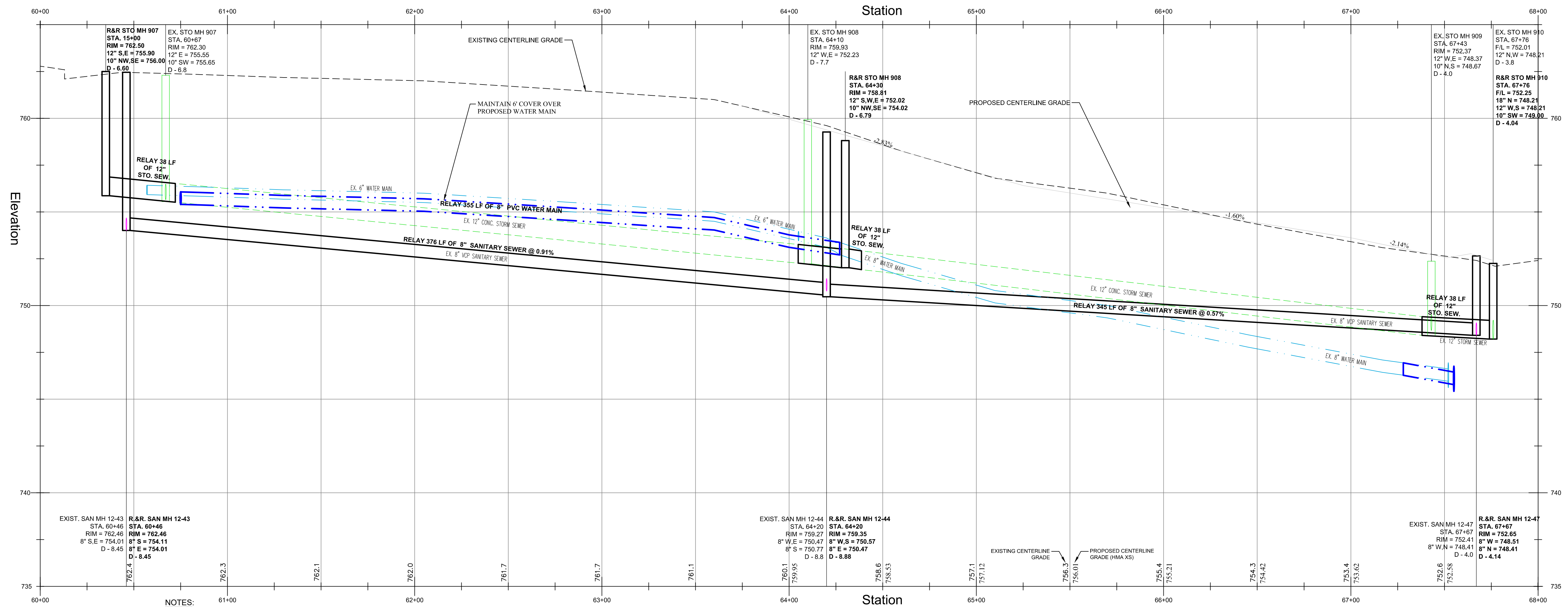
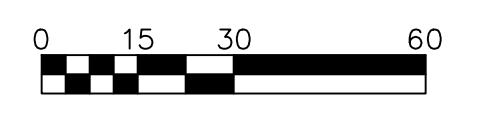
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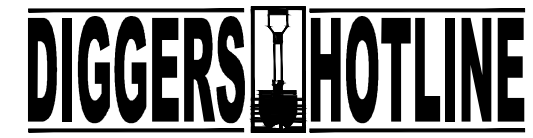
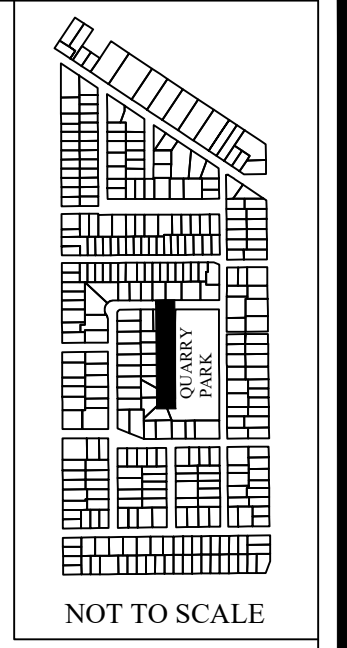
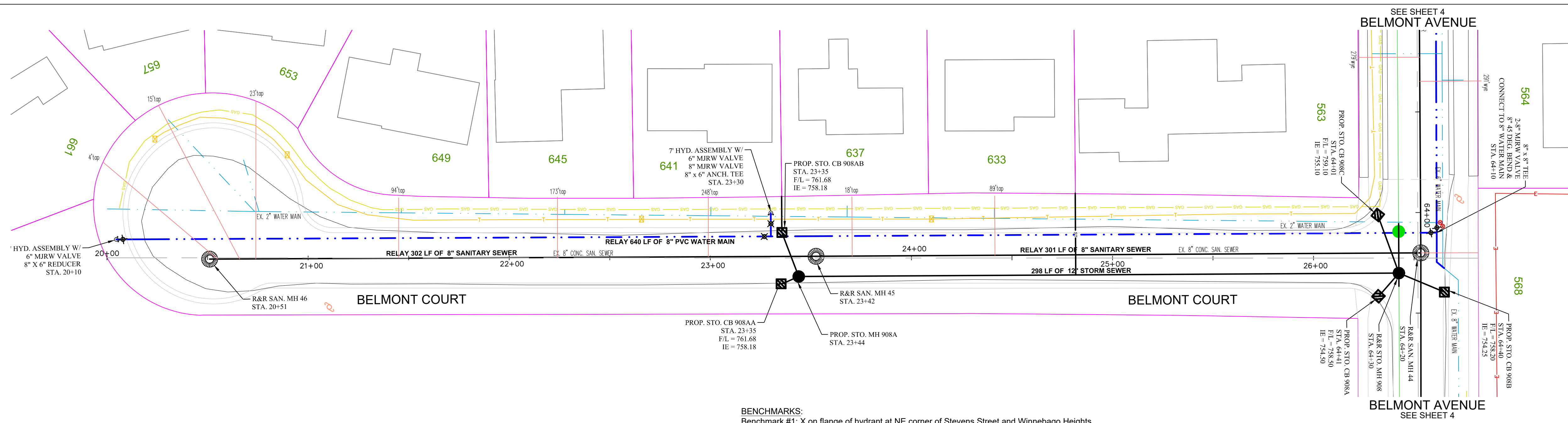
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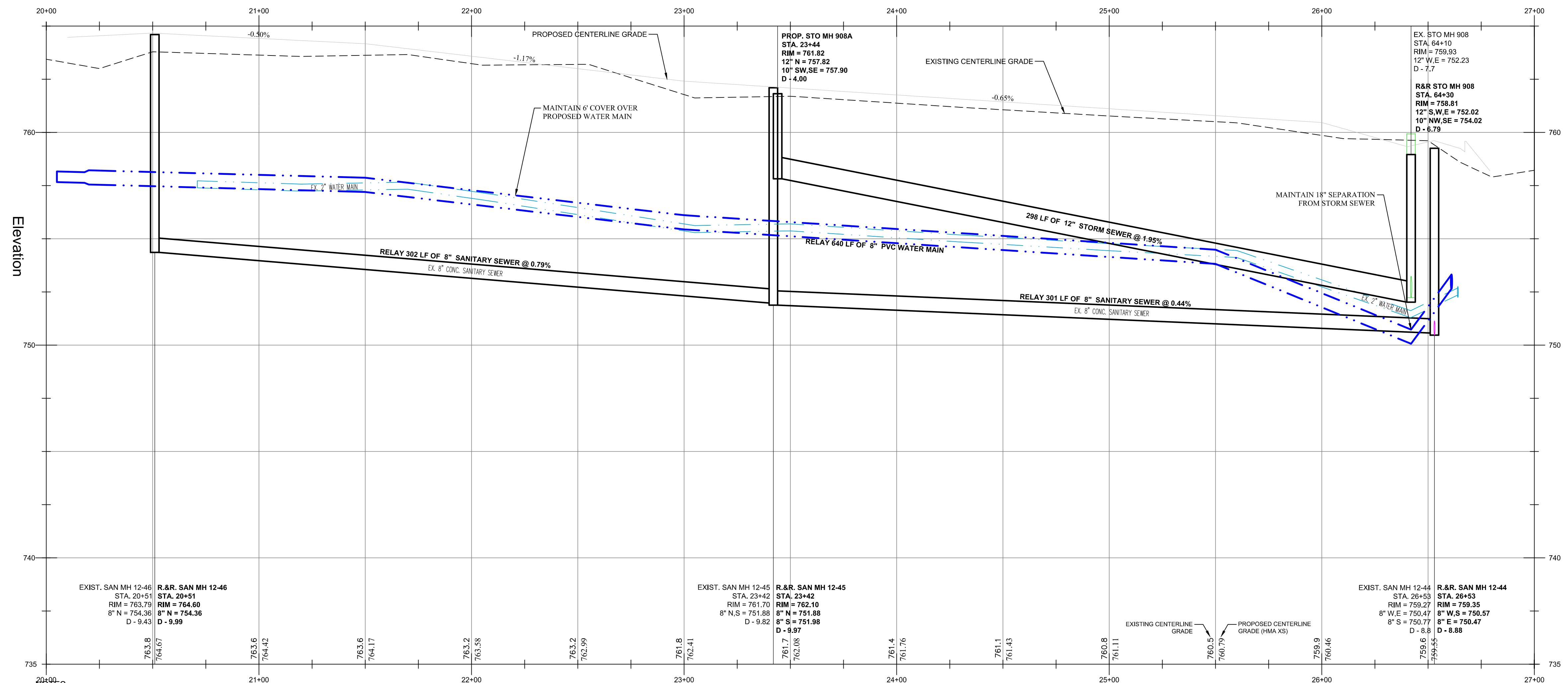
BELMONT AVENUE - UTILITIES	STATION 60+00 TO STATION 68+00
1-24 SEWER, WATER AND STREET CONSTRUCTION	
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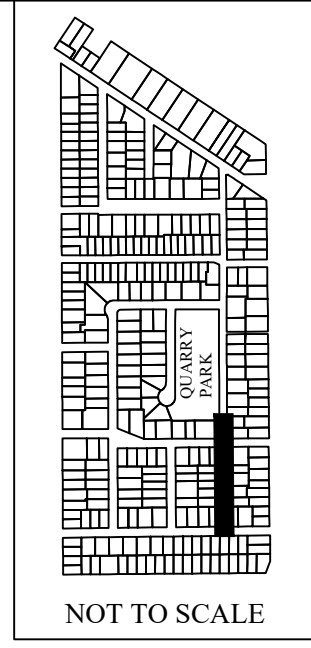
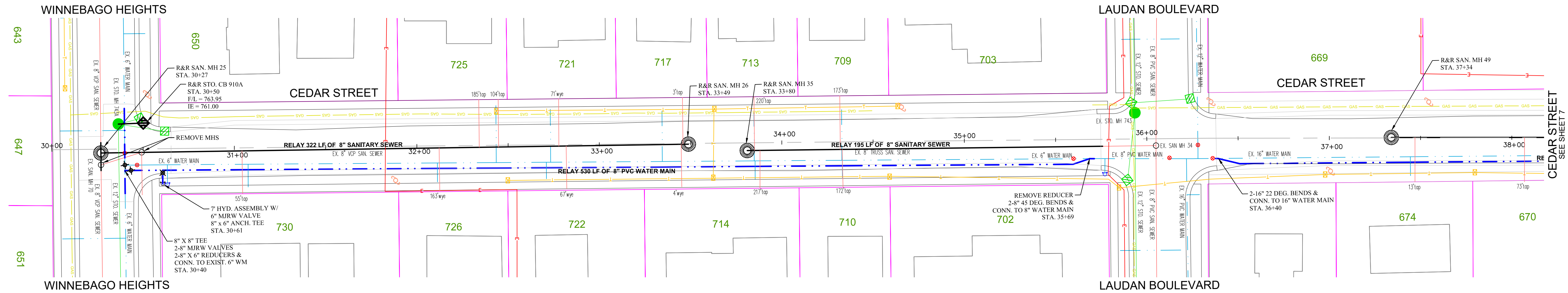
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BELMONT COURT - UTILITIES
 STATION 20+00 TO STATION 27+00
 1-24 SEWER, WATER AND STREET CONSTRUCTION

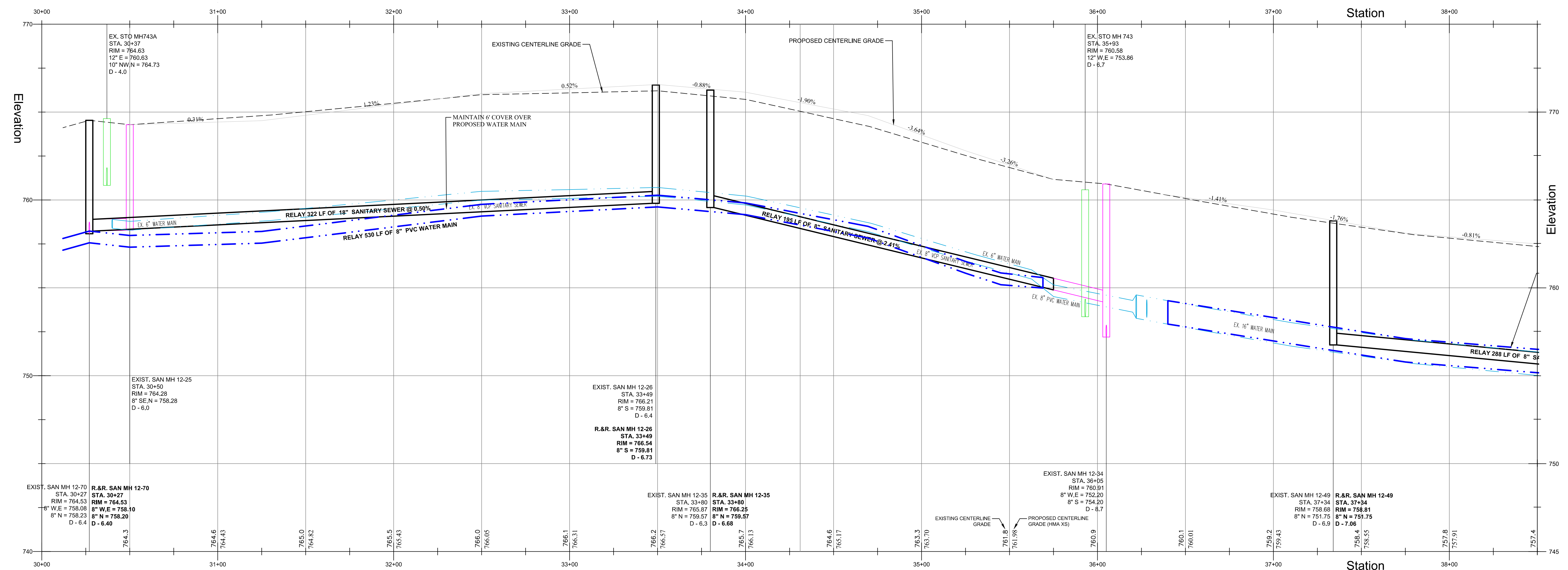
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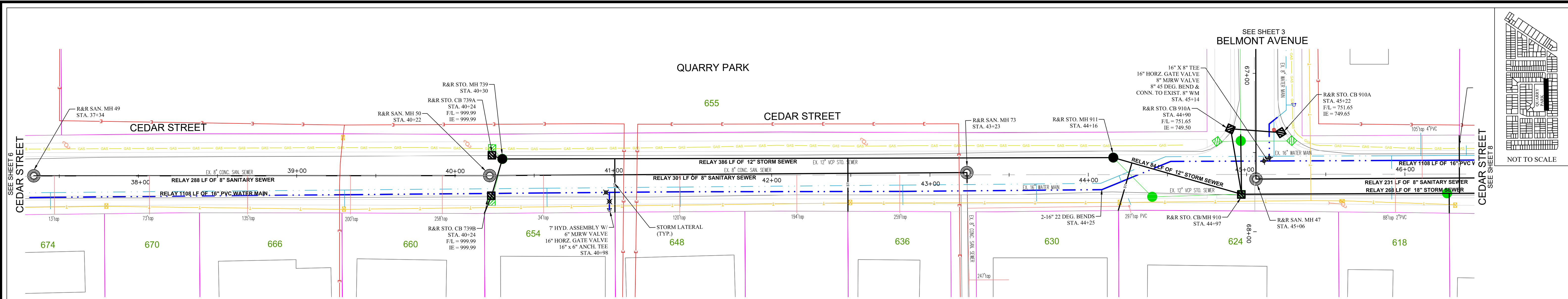


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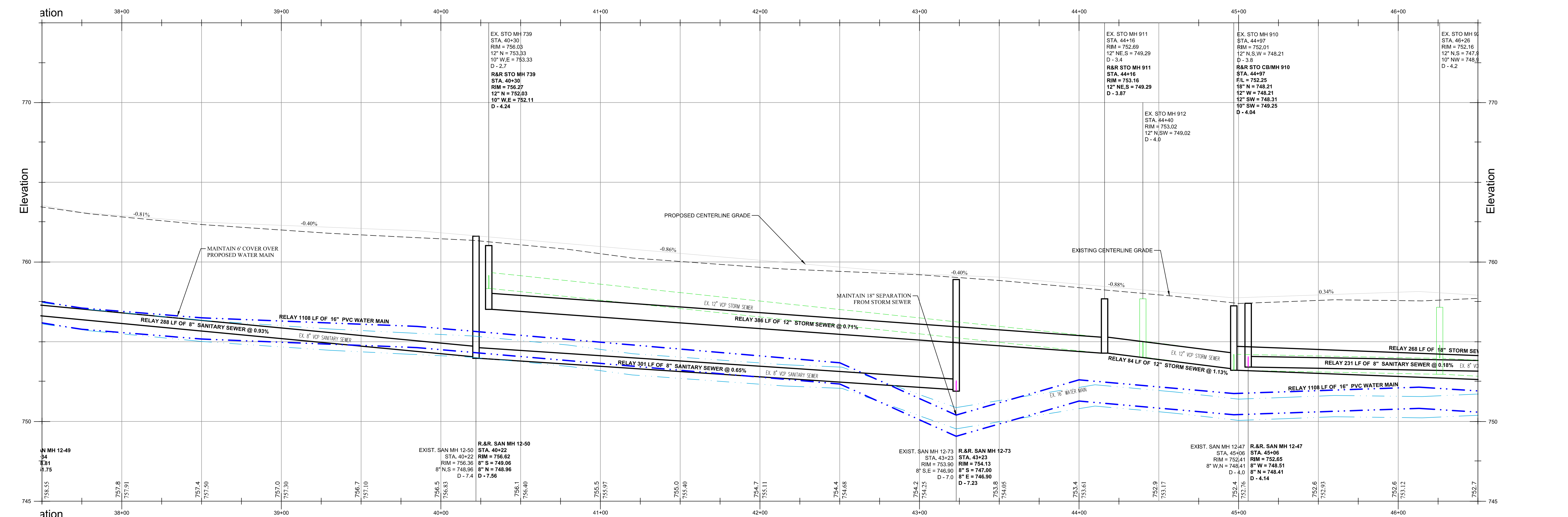
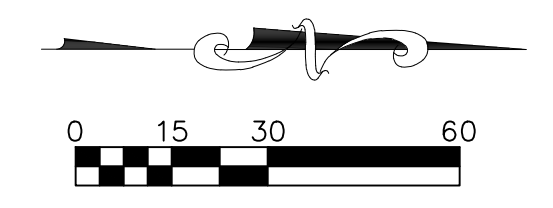
CEDAR STREET - UTILITIES
 STATION 30+00 TO STATION 38+00
 1-24 SEWER, WATER AND STREET CONSTRUCTION




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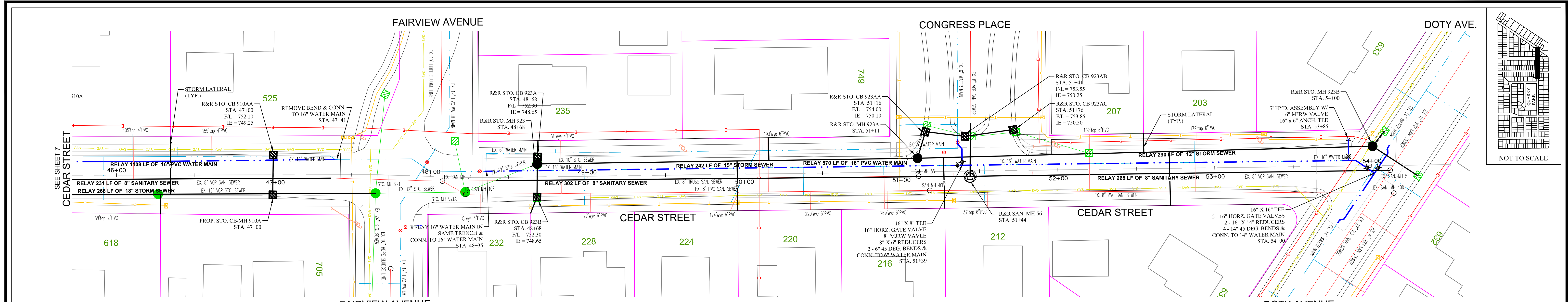
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CEDAR STREET - UTILITIES
 STATION 38+00 TO STATION 46+00
 1-24 SEWER, WATER AND STREET CONSTRUCTION

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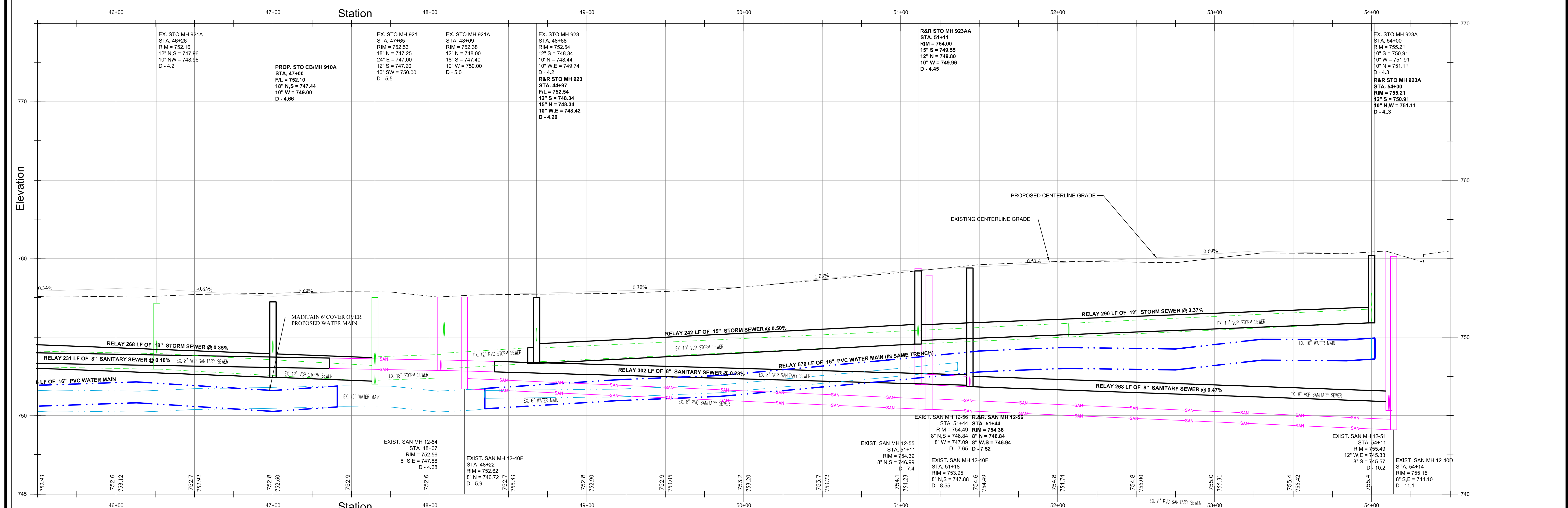
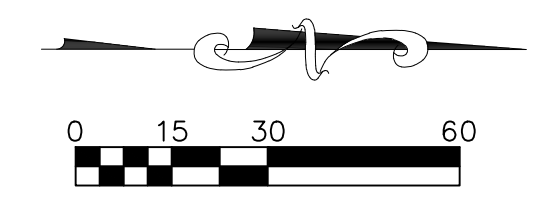
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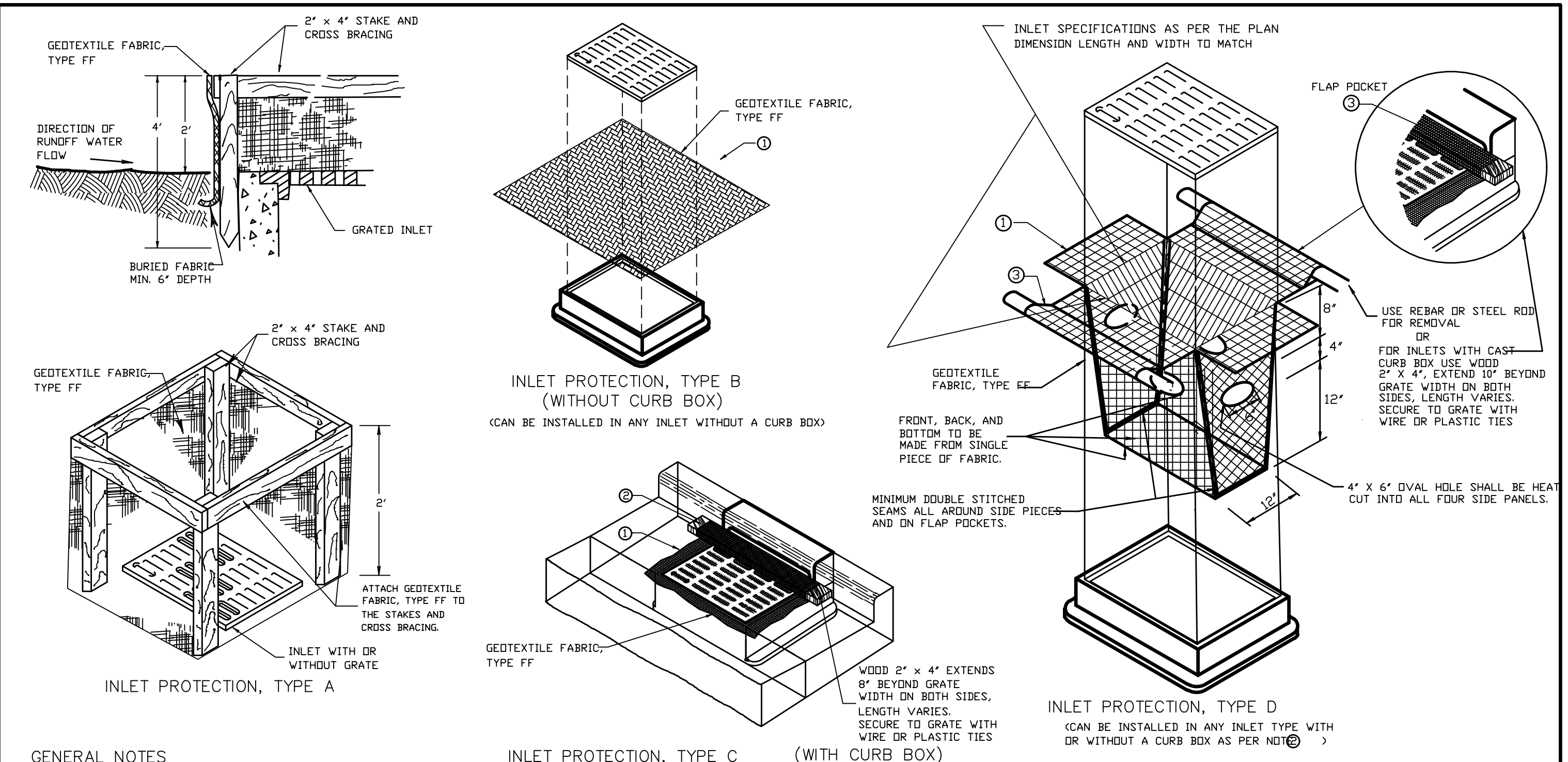
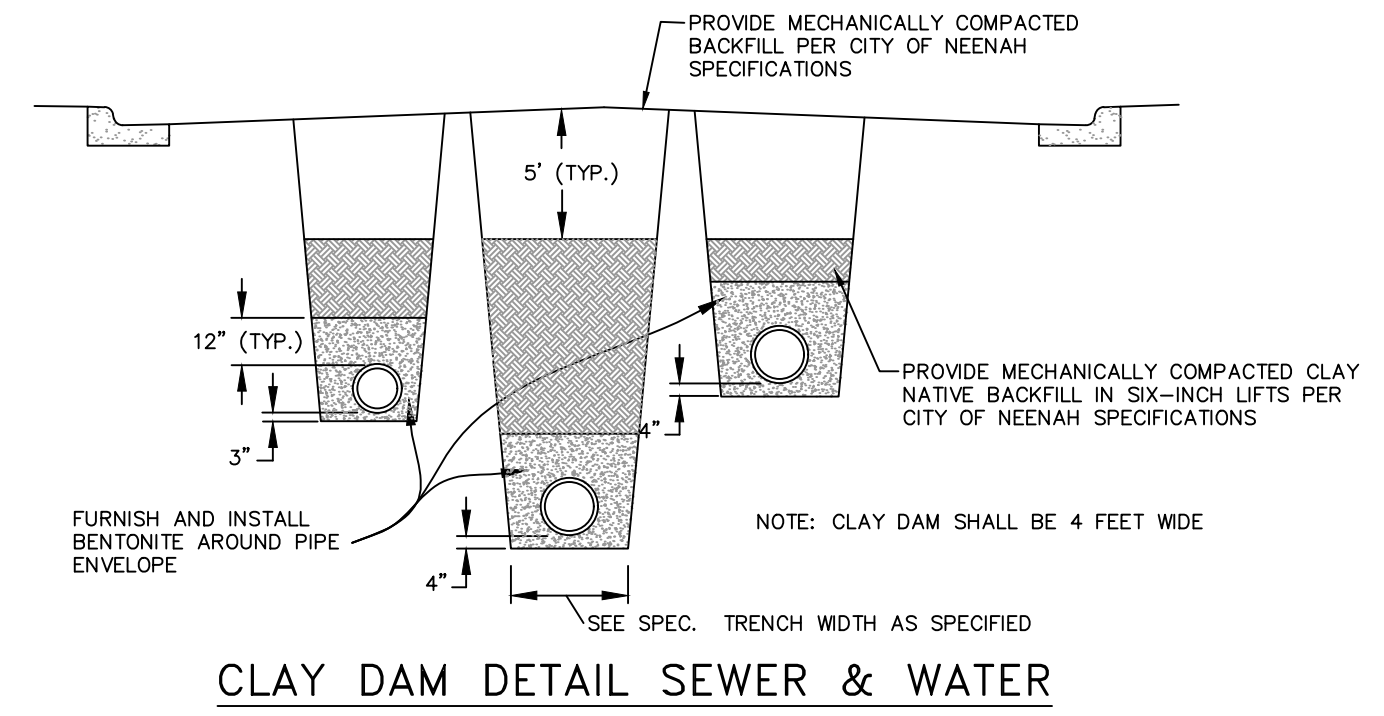
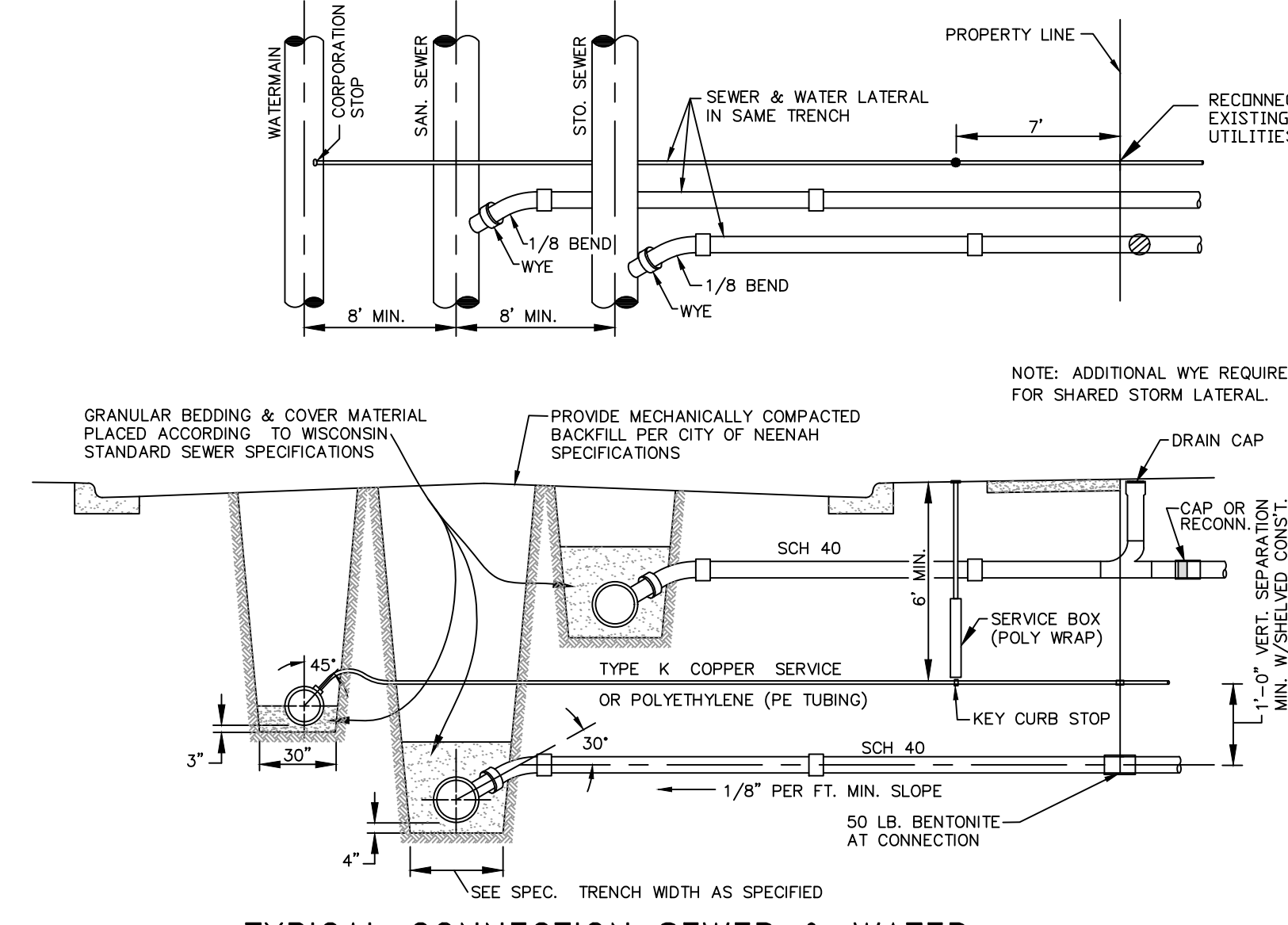
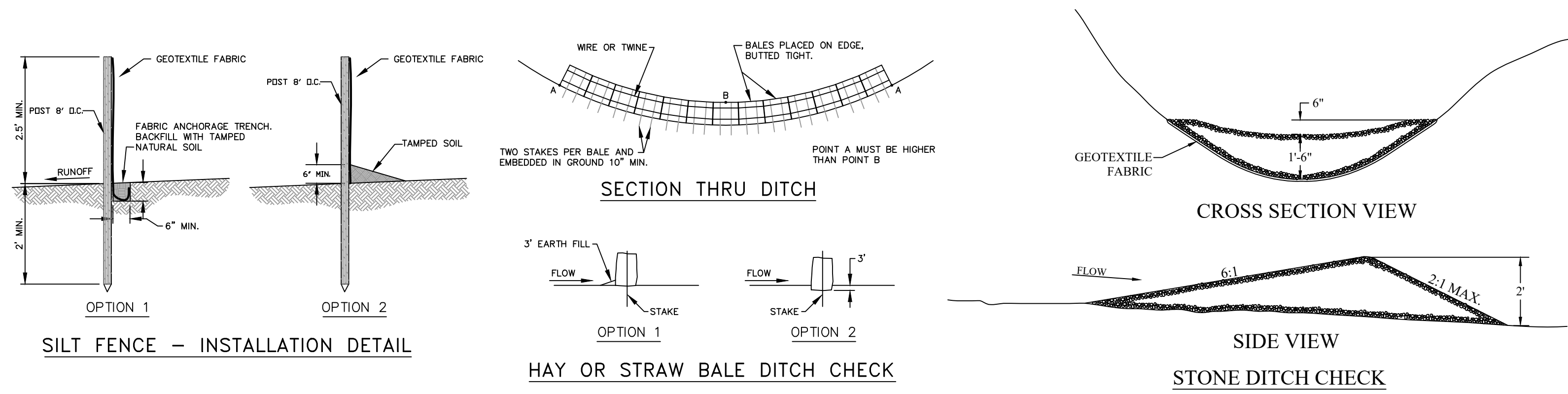


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CEDAR STREET - UTILITIES
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 1-24 SEWER, WATER AND STREET CONSTRUCTION



GENERAL NOTES

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED IN THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10' AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPE B & C

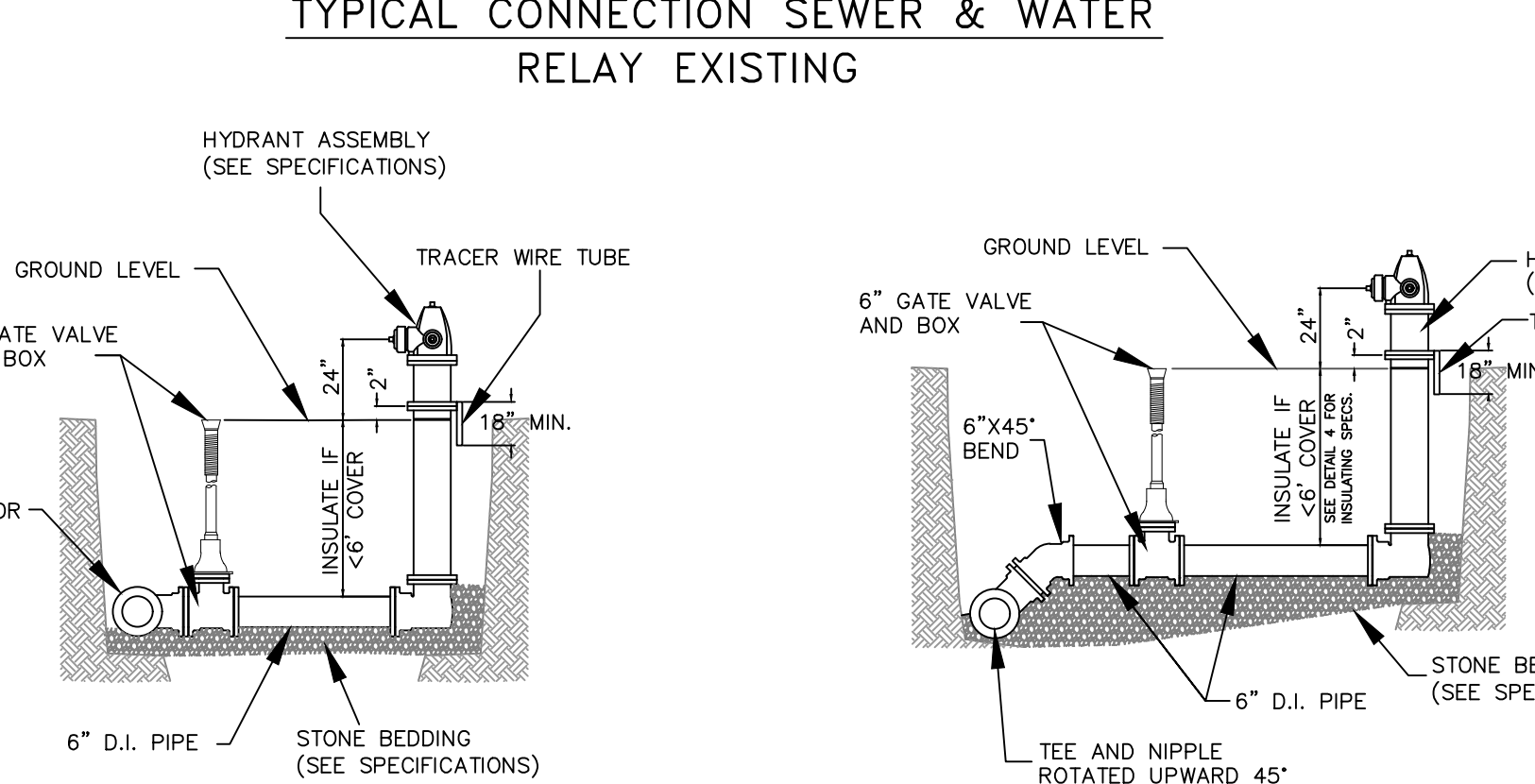
TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE. THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE. THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION TYPE A, B, C, AND D



NOTE:

1. ALL JOINTS SHALL BE RESTRAINED.

2. ALL D.I. PIPE AND HYDRANT ASSEMBLY SHALL BE POLYWRAPPED.

3. PIPE, VALVE AND FITTINGS PER PLAN CALL-OUT.

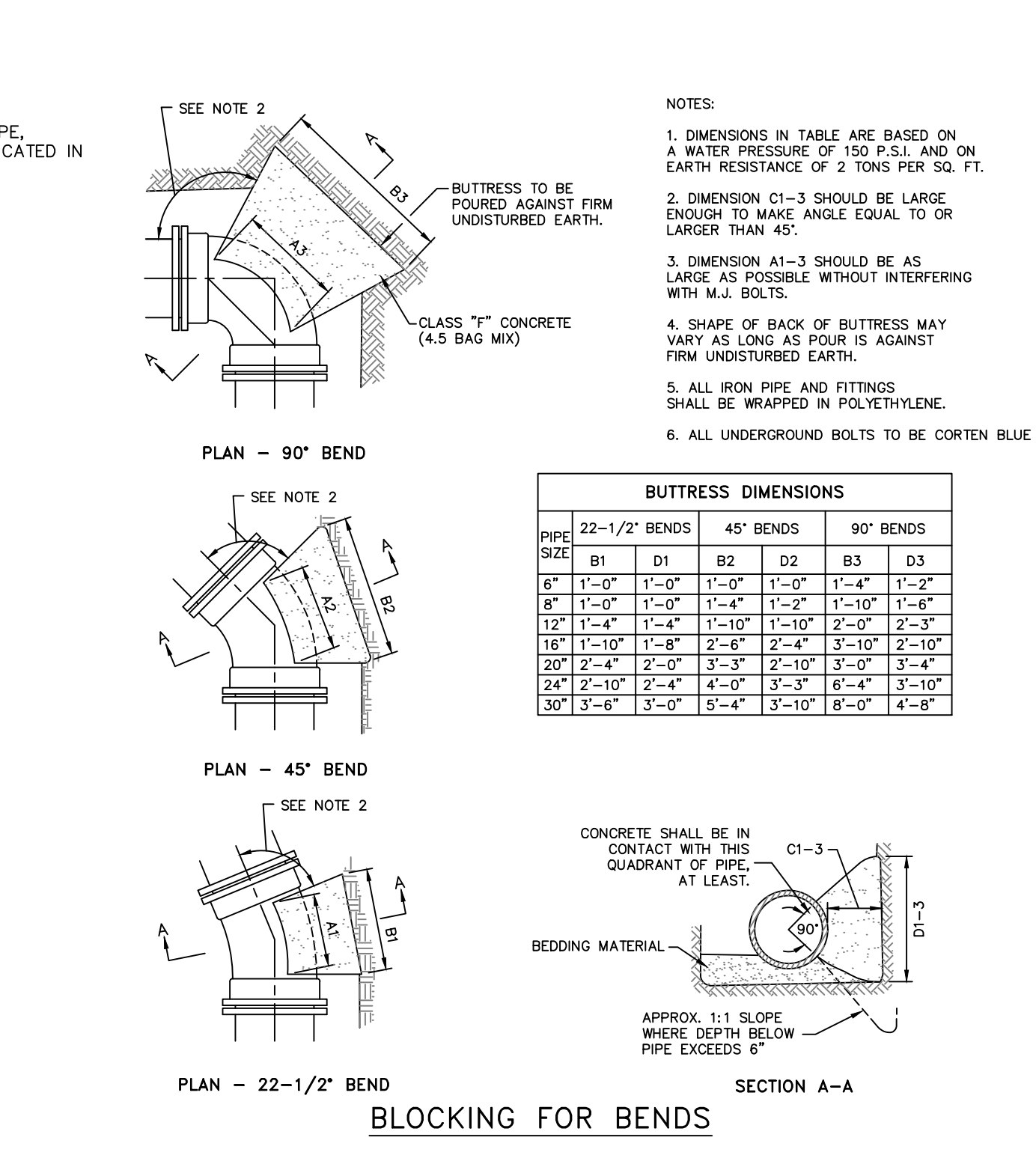
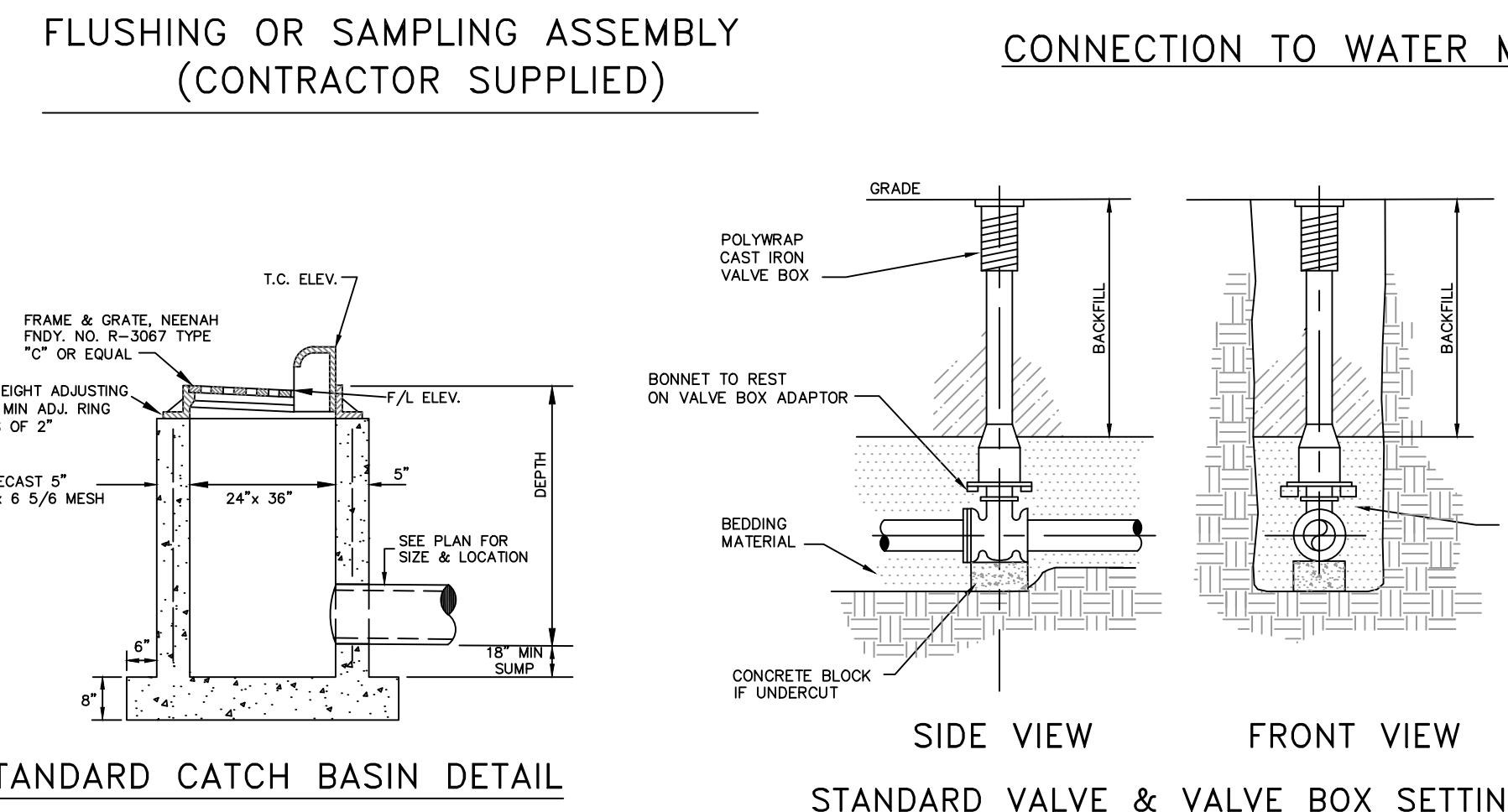
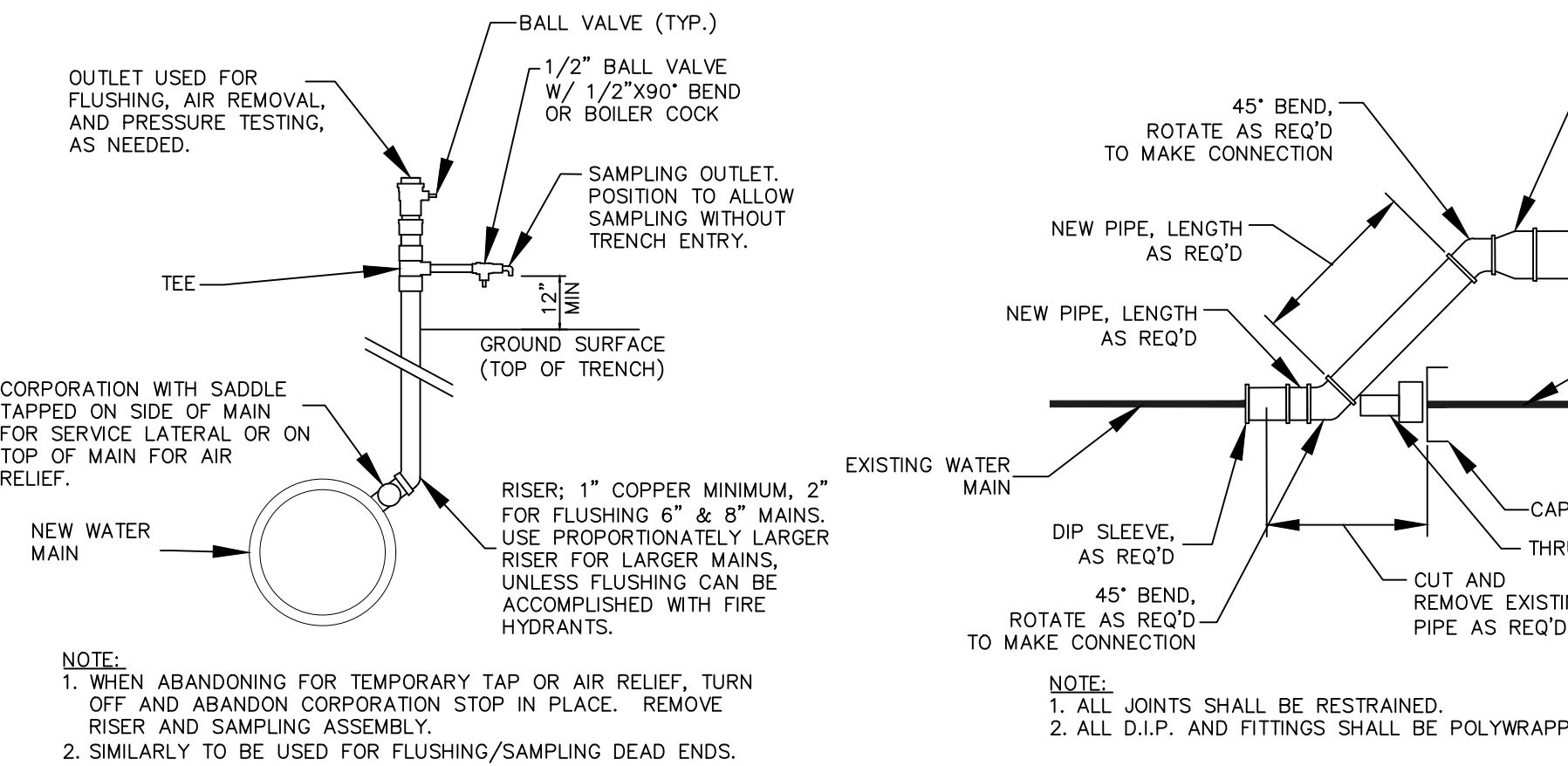
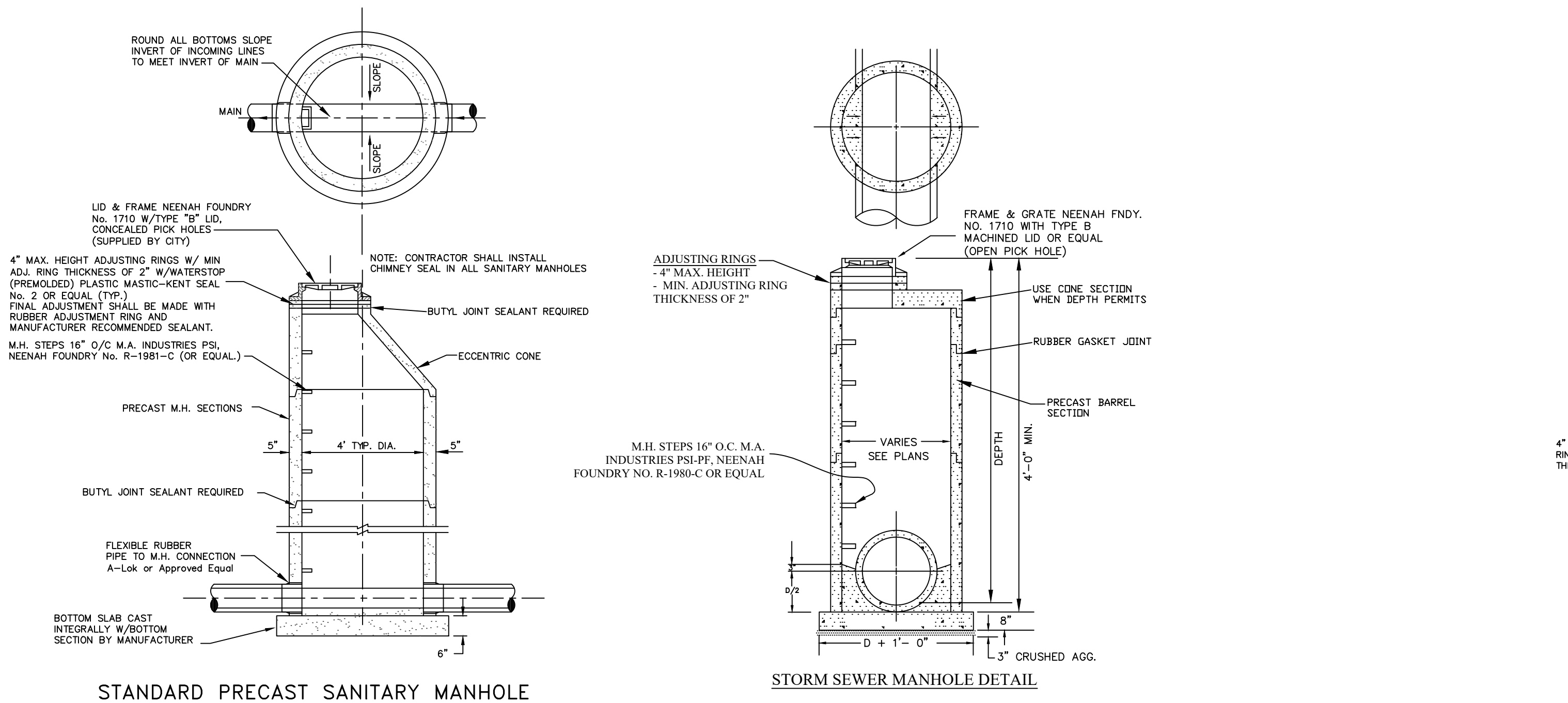
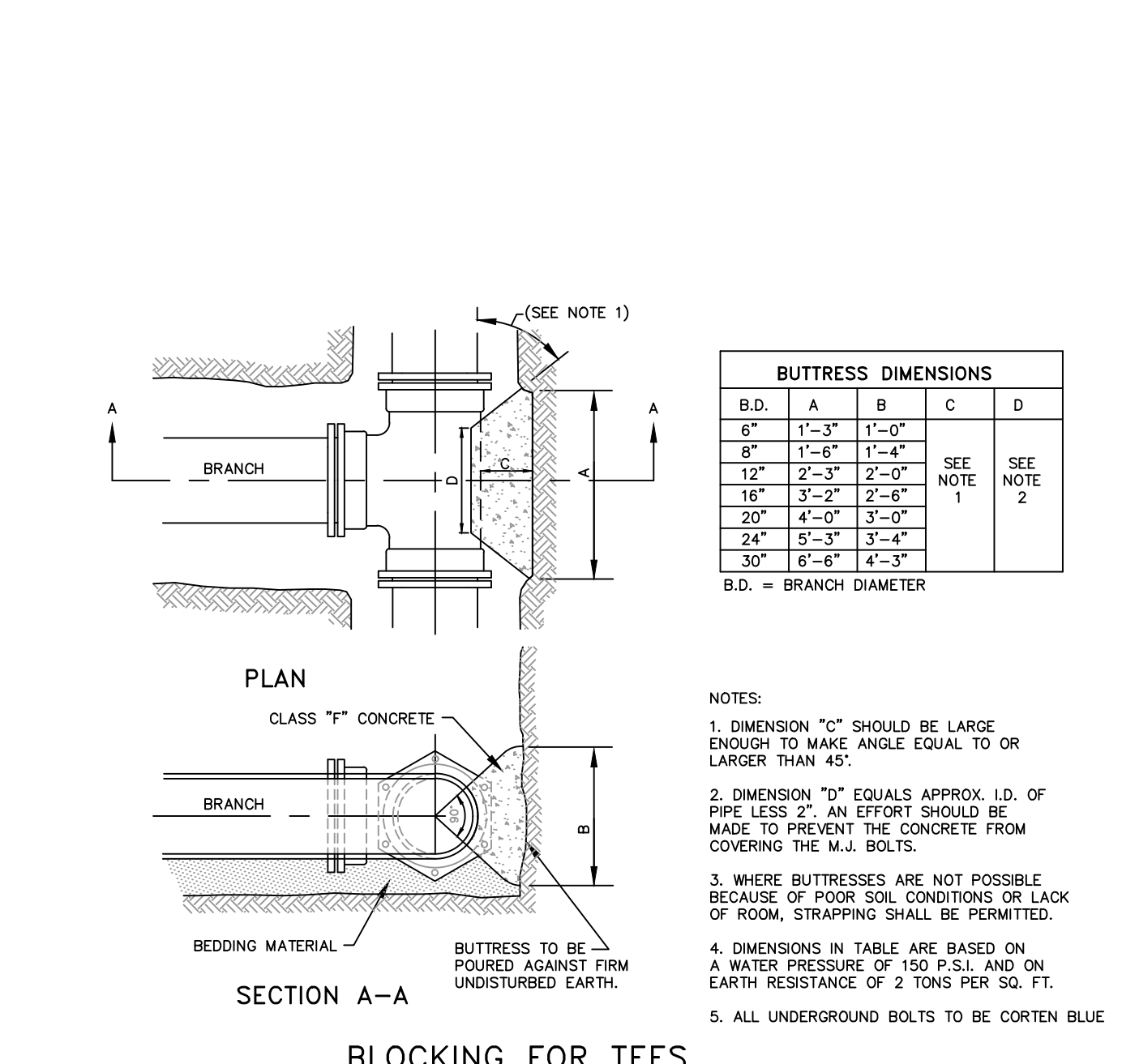
ALTERNATE HYDRANT AND VALVE INSTALLATION

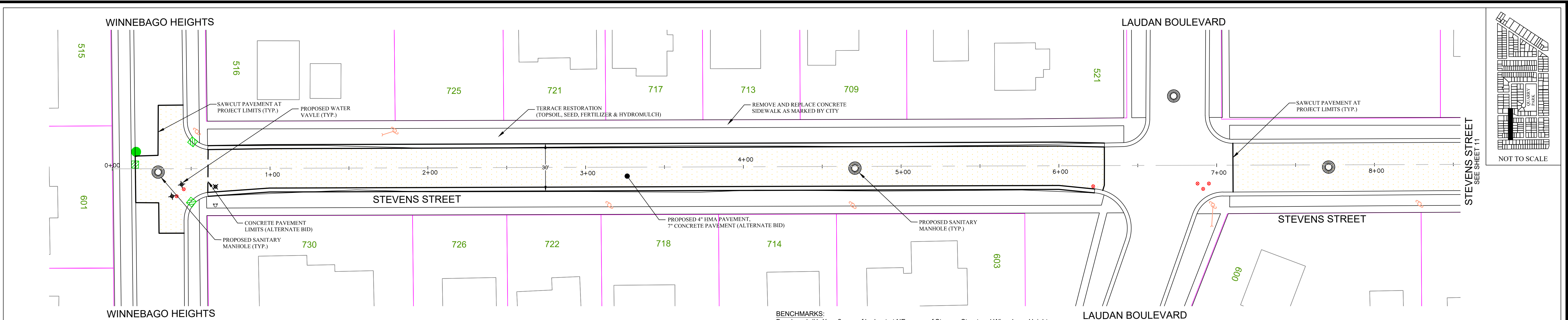
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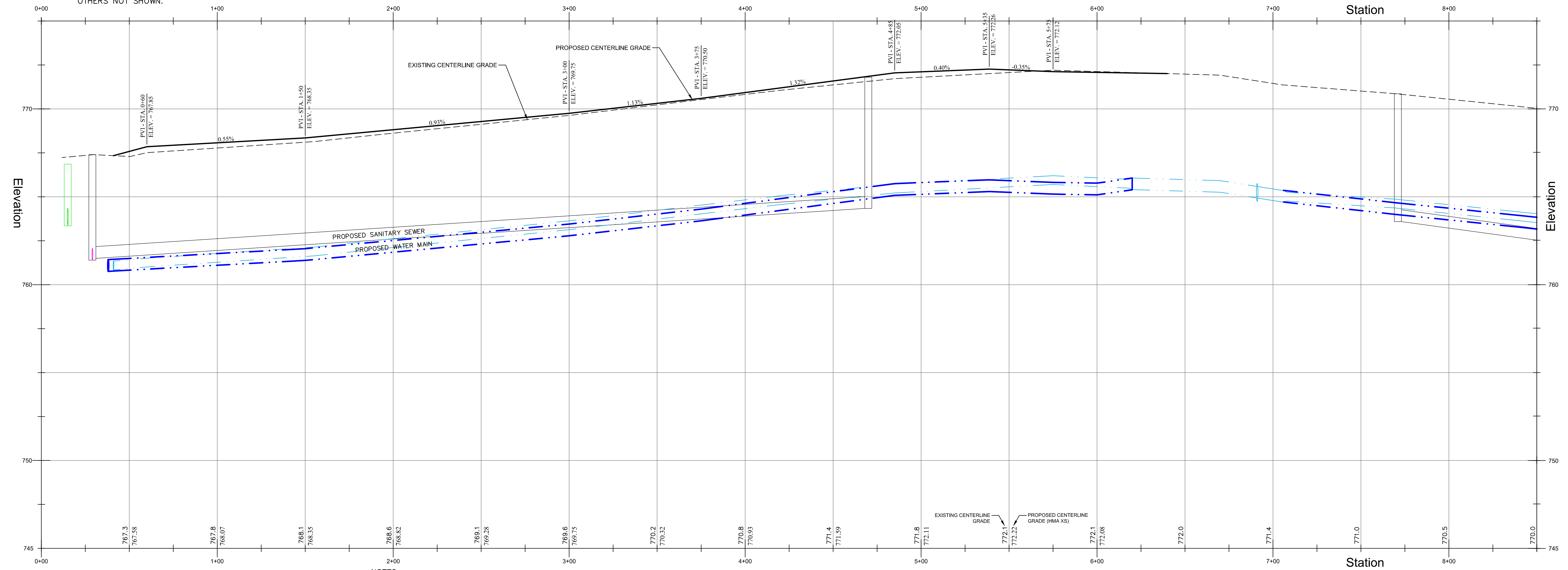




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THE LOCATION AND SIZE OF ALL UNDERGROUND STRUCTURES SHOWN ON THESE PLANS HAVE BEEN LOCATED TO A REASONABLE DEGREE OF ACCURACY, BUT THE ENGINEER DOES NOT GUARANTEE THEIR EXACT LOCATION NOR THE LOCATION OF OTHERS NOT SHOWN.

BENCHMARKS:
 Benchmark #1: x on flange of hydrant at NE corner of Stevens Street and Winnebago Heights. Elevation : 759.60
 Benchmark #2: x on flange of hydrant at Se corner of Stevens Street and Laudan Boulevard. Elevation : 763.76
 Benchmark #3: x on flange of hydrant at NE corner of Steven Street and Belmont Avenue. Elevation : 763.81
 Benchmark #4: x on flange of hydrant at NE corner of Belmont Avenue and Belmont Court. Elevation : 758.14



- NOTES:**
1. City shall stake roadway prior to excavation.
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 4. Coordinate Water valve adjustments with the Water Utility. 920-886-6191
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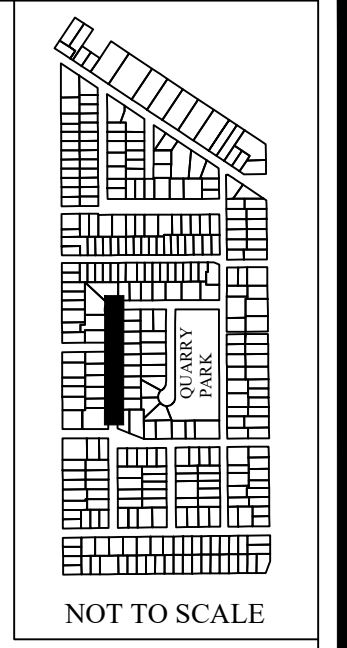
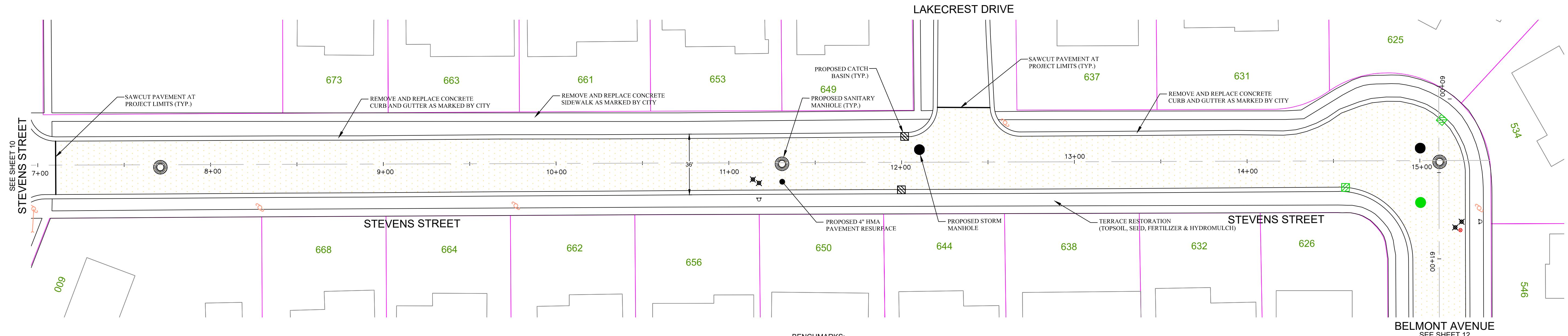


CITY OF NEENAH
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REV	DESCRIPTION	BY	DATE

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SCALE: HOR.: 1" = 30'	VERT.: 1" = 3'	DATE: 1/15/24	PAGE 10 OF 17

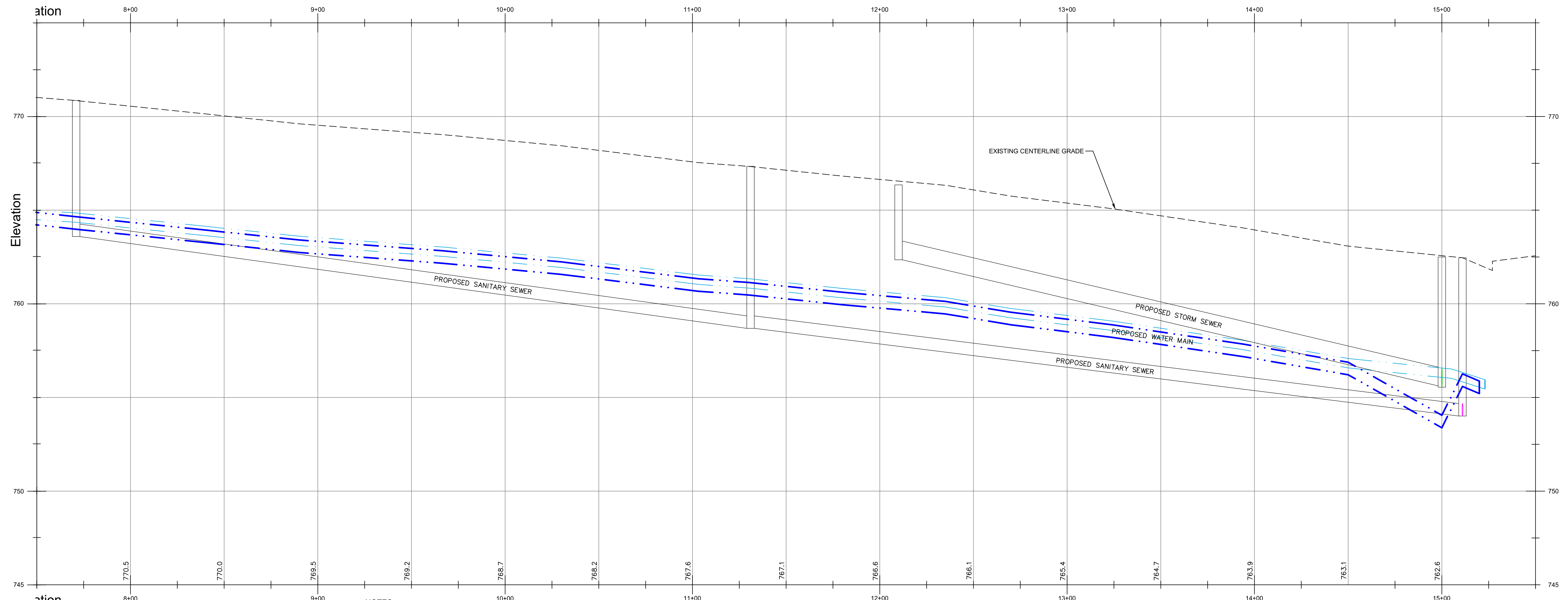
STEVENS STREET - ROADWAY
 STATION 0+00 TO STATION 8+00
 1-24 SEWER, WATER AND STREET CONSTRUCTION



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 Elevation: 758.14



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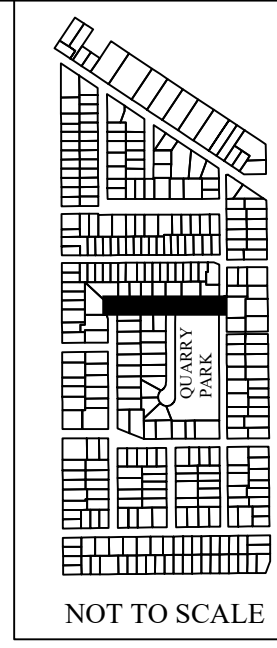
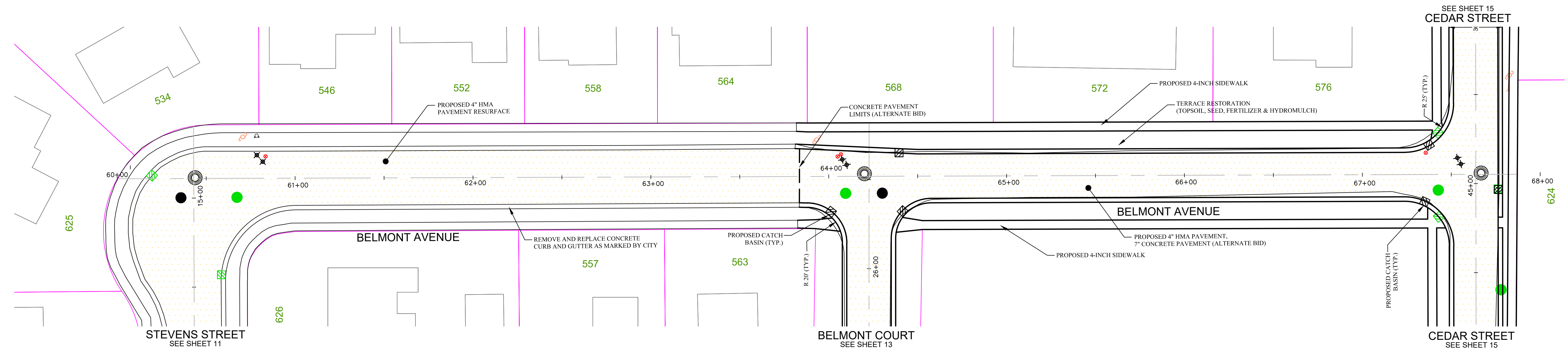
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 211 WALNUT ST., NEENAH, WI 54956

REV	DESCRIPTION	BY	DATE

DRAWN BY: JME CHECKED BY: HK
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STEVENS STREET - ROADWAY
 STATION 8+00 TO STATION 15+50
 1-24 SEWER, WATER AND STREET CONSTRUCTION

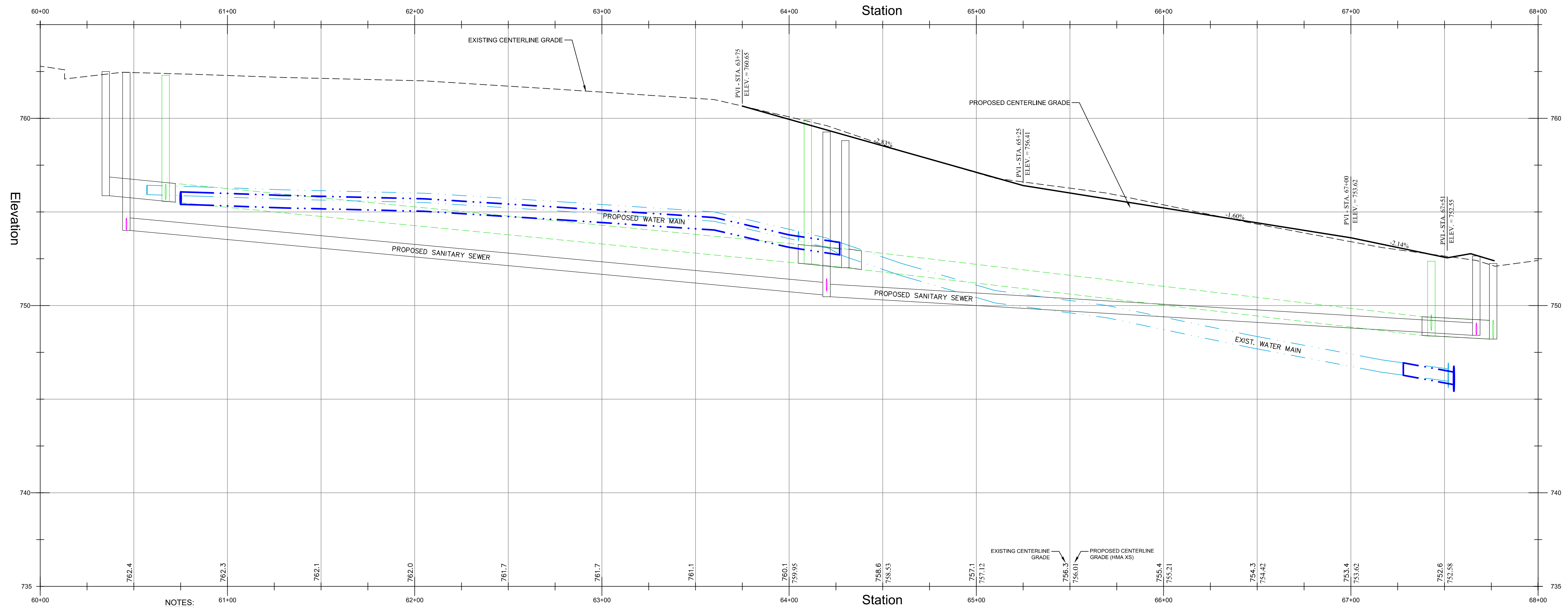
CONTRACT: 1-24 FILE NUMBER:
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 Elevation: 758.14



- NOTES:**
- All trenches within the street right-of-way shall be compacted with a mechanical vibratory compactor according to the special provisions. Backfill within 20 feet of structure (valve, manhole, water shutoff) shall be flooded or jetted. Any trenches out of the street right-of-way and not under an existing driveway or service walk shall be backfilled with existing material.
 - All lawn areas including terraces shall be backfilled with clean clay or topsoil for the top 9 inches and with a minimum of 4-inches of pulverized topsoil, seed, mulch and fertilizer.
 - Fill trenches to existing pavement with gravel and maintain level driving surface until the street is paved.
 - All non-PVC sanitary laterals shall be relayed and/or pipeburst from the main to structure. The Contractor shall verify that the lateral is live prior to reconnecting.
 - All lead long side water services shall be relayed or pipeburst with 1.25-inch PE from the main to the structure, unless noted otherwise on the plan. All lead short side water services shall be relayed or pipeburst with 1.25-inch PE from the shutoff to the structure, unless noted otherwise on the plan.
 - All catch basins shall have "Type D" inlet protection installed.
 - All sediment tracked onto the driving surface or adjacent roadways shall be removed daily.

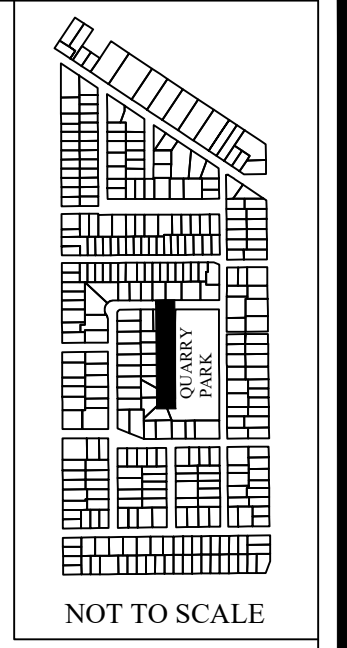
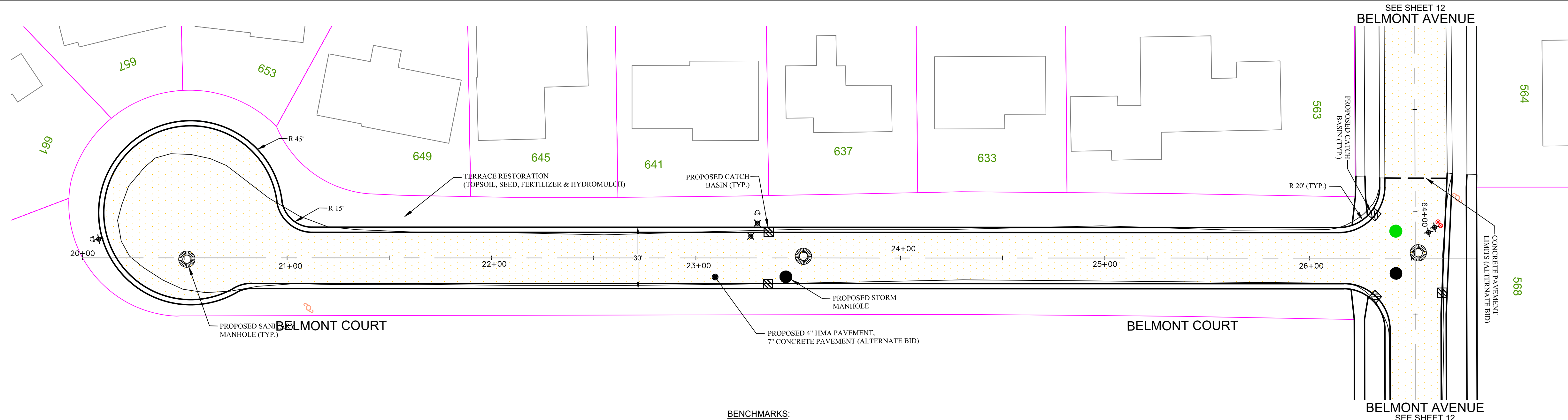


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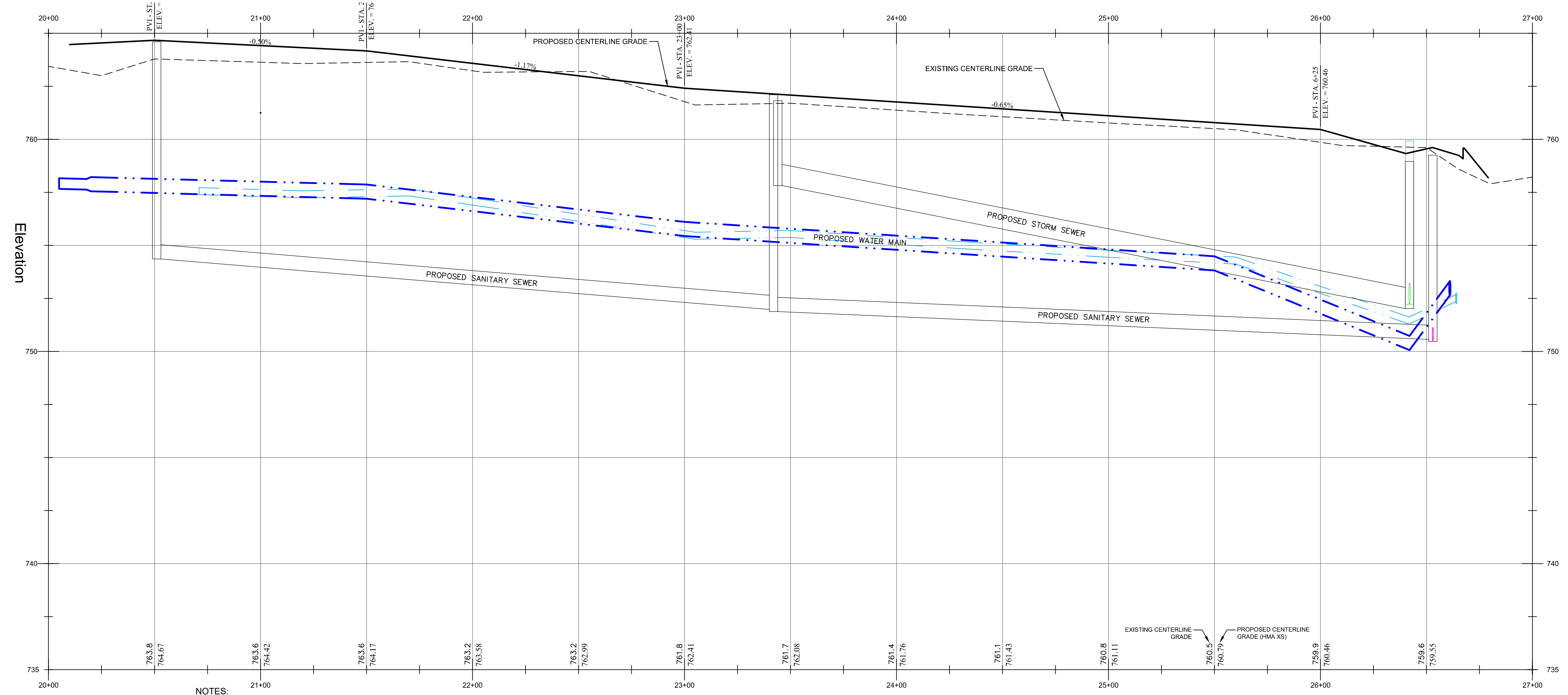
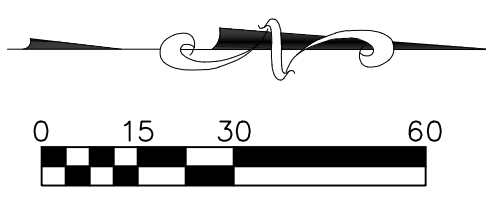
BELMONT AVENUE - ROADWAY
 STATION 60+00 TO STATION 68+00
 1-24 SEWER, WATER AND STREET CONSTRUCTION



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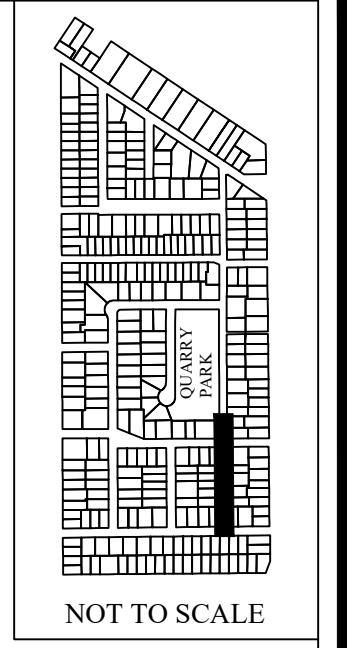
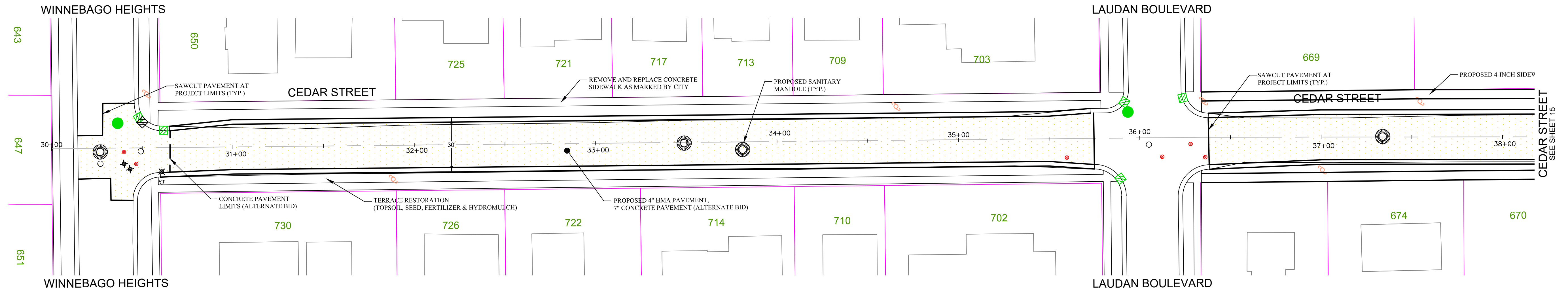


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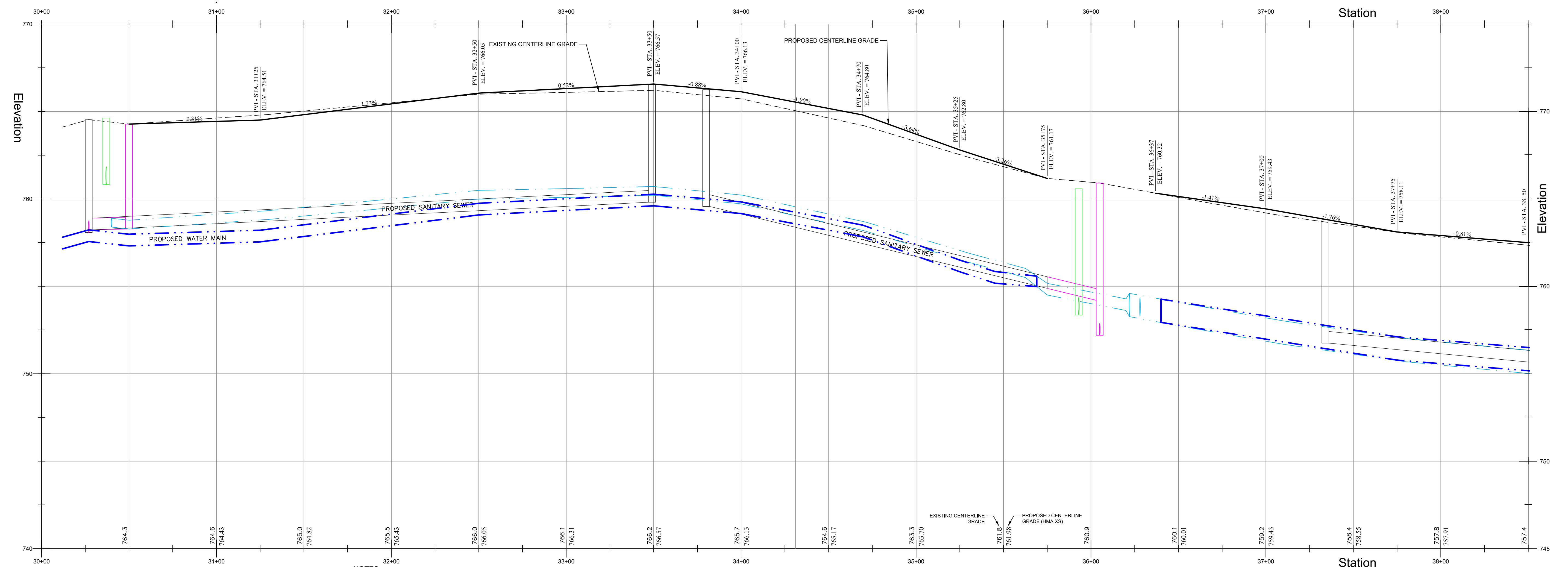
BELMONT COURT - ROADWAY
 STATION 20+00 TO STATION 27+00
 1-24 SEWER, WATER AND STREET CONSTRUCTION



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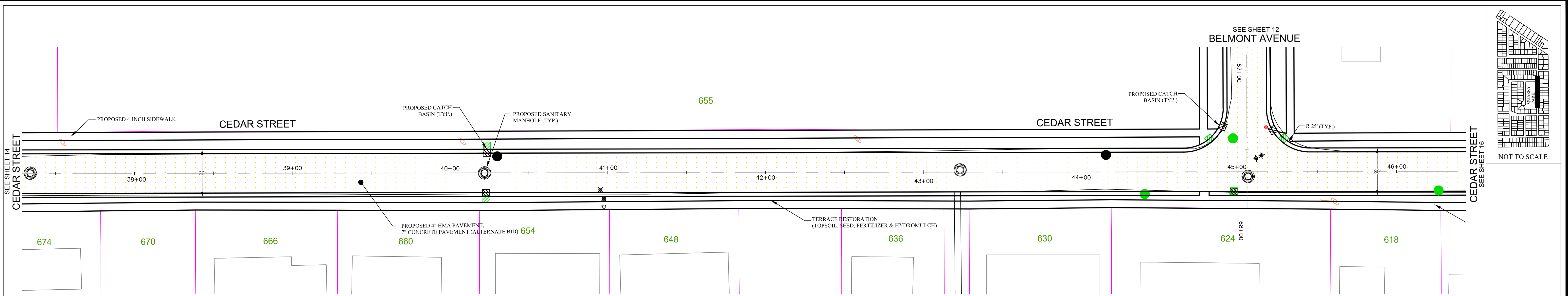


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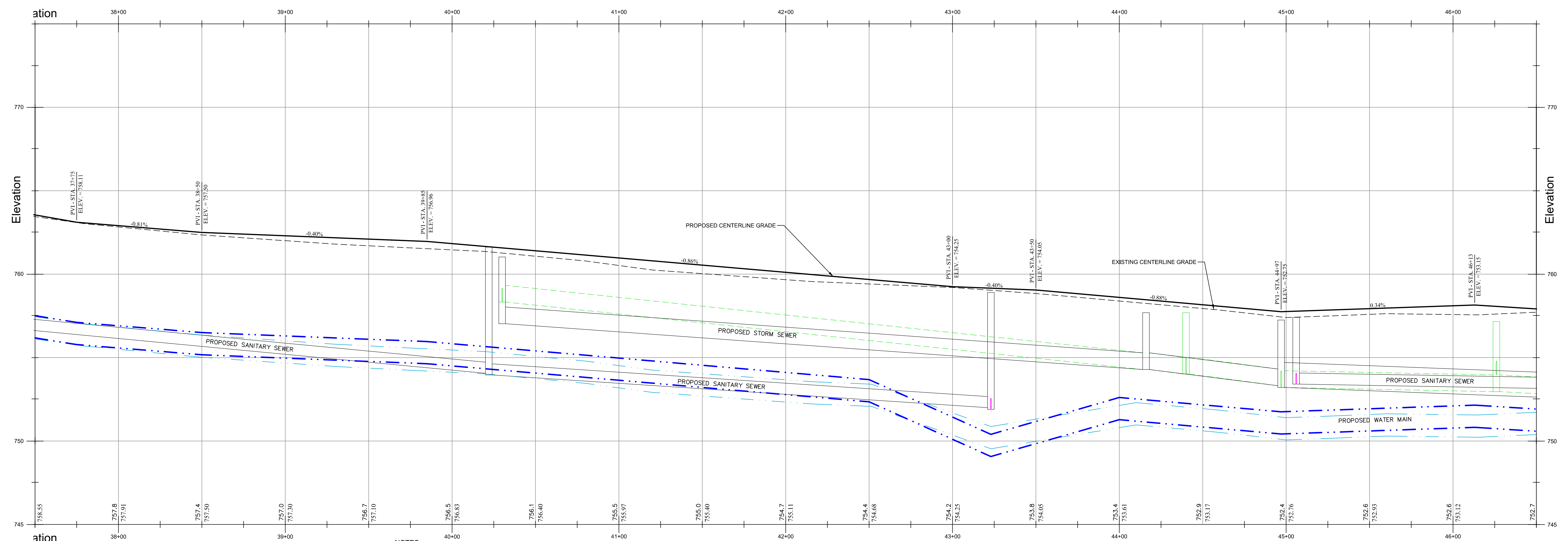
CEDAR STREET - ROADWAY
 STATION 30+00 TO STATION 38+00
 1-24 SEWER, WATER AND STREET CONSTRUCTION



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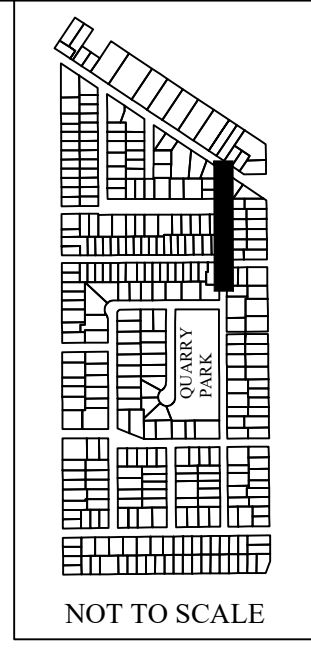
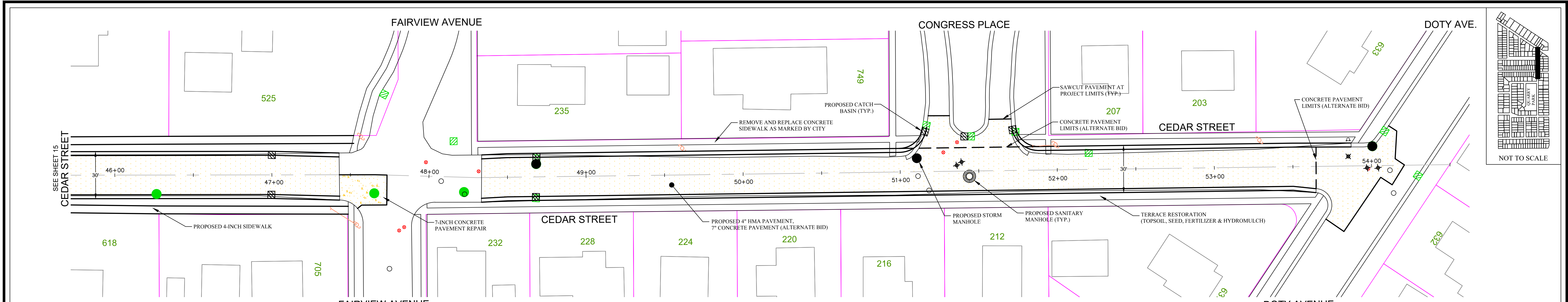


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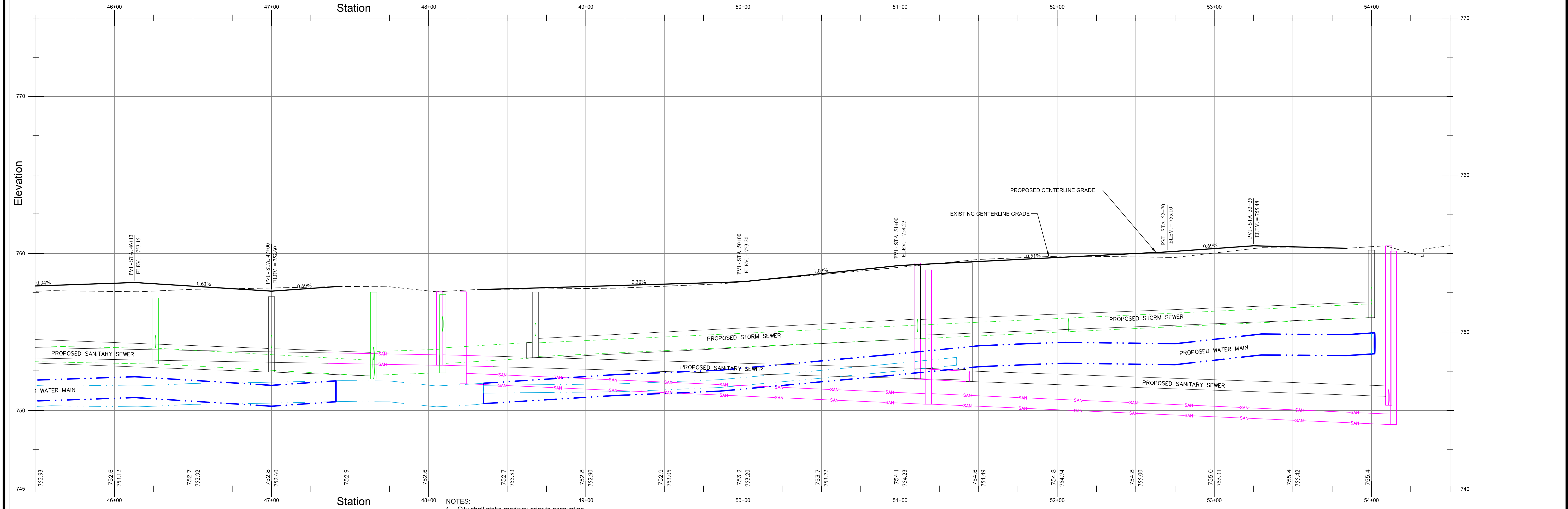
CEDAR STREET - ROADWAY
 STATION 38+00 TO STATION 46+00
 1-24 SEWER, WATER AND STREET CONSTRUCTION



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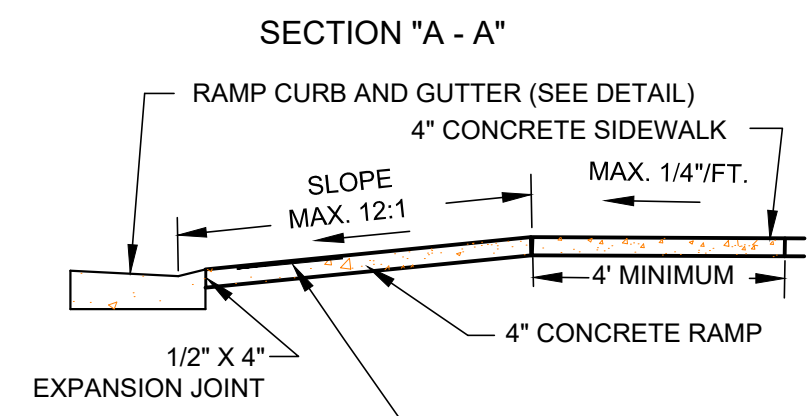


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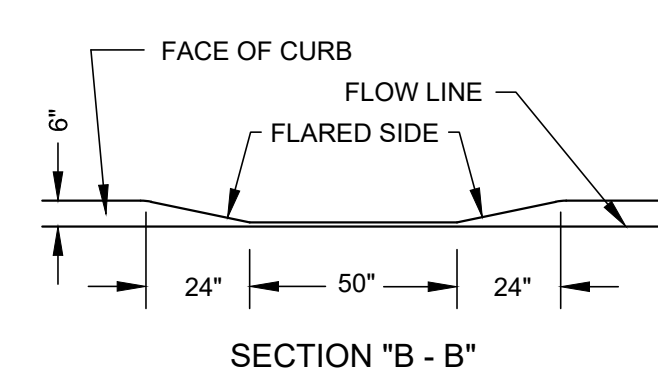
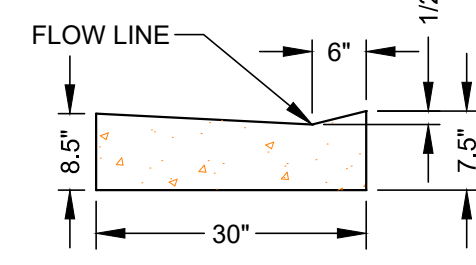
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CEDAR STREET - ROADWAY
 STATION 46+00 TO STATION 54+50
 1-24 SEWER, WATER AND STREET CONSTRUCTION



DETAIL OF CURB & GUTTER THROUGH RAMP

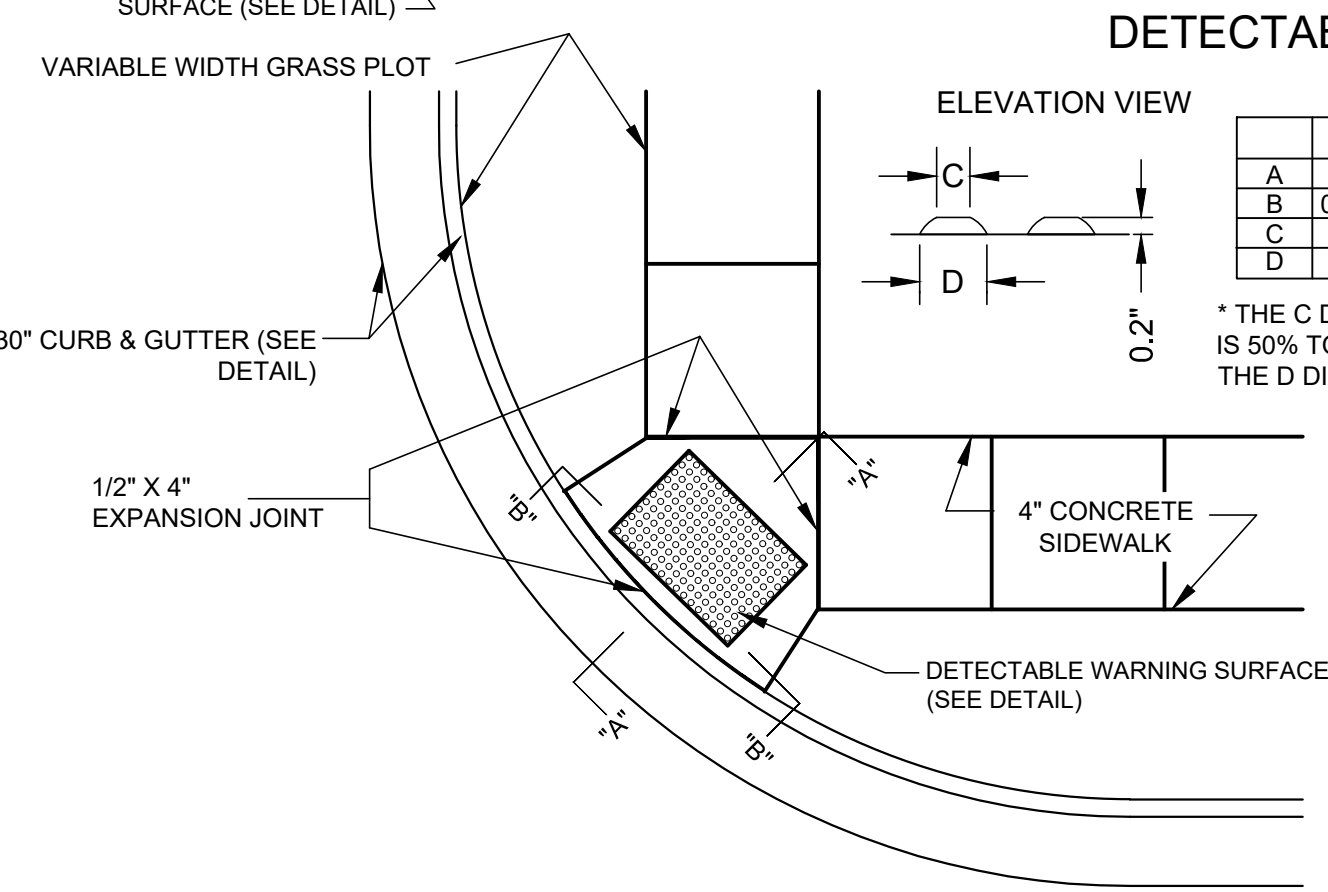


GENERAL NOTES:

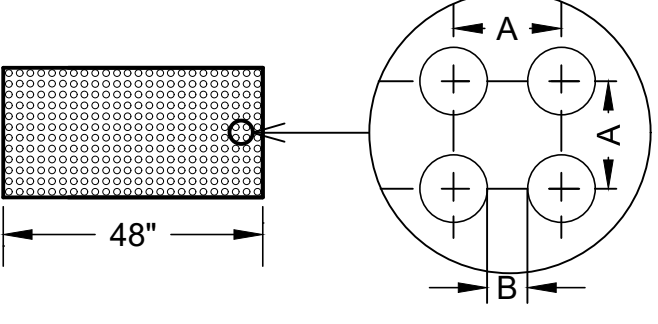
1. Adjust all existing sanitary, storm sewer manholes and inlets to final grade. Sewer manholes located within the pavement shall be backfilled with slurry backfill for bituminous concrete construction.
2. Street Sweeping - The Contractor shall remove any large debris and sweep public streets near the construction entrance to collect any sediment transported onto public roads by construction vehicles, equipment and runoff.

SEQUENCE OF EROSION CONTROL PLAN

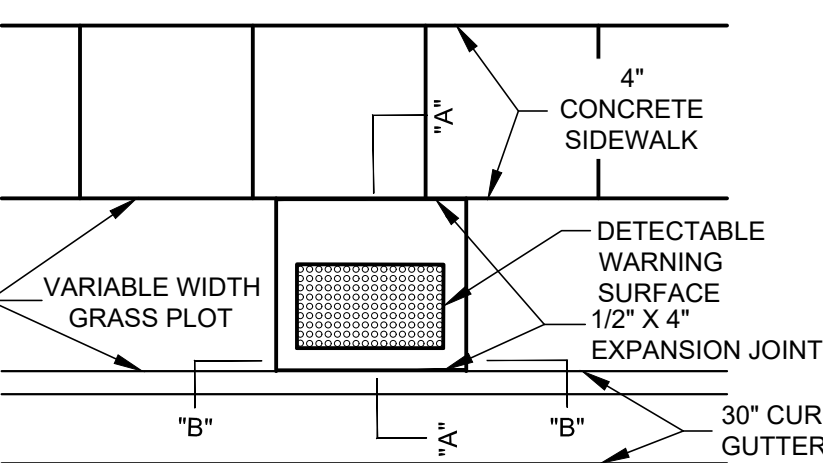
1. Any stockpiling of materials in the street shall be contained with sand or gravel bags down slope of the stockpile in the gutter.
2. Street sweeping shall be done continuously as needed in the project area and on all streets used for hauling. Roads shall be inspected and cleaned at the end of each work day.
3. New streets shall daily be cleaned while terracing.



DETECTABLE WARNING SURFACE



SIDEWALK INTERSECTION NOT TO SCALE



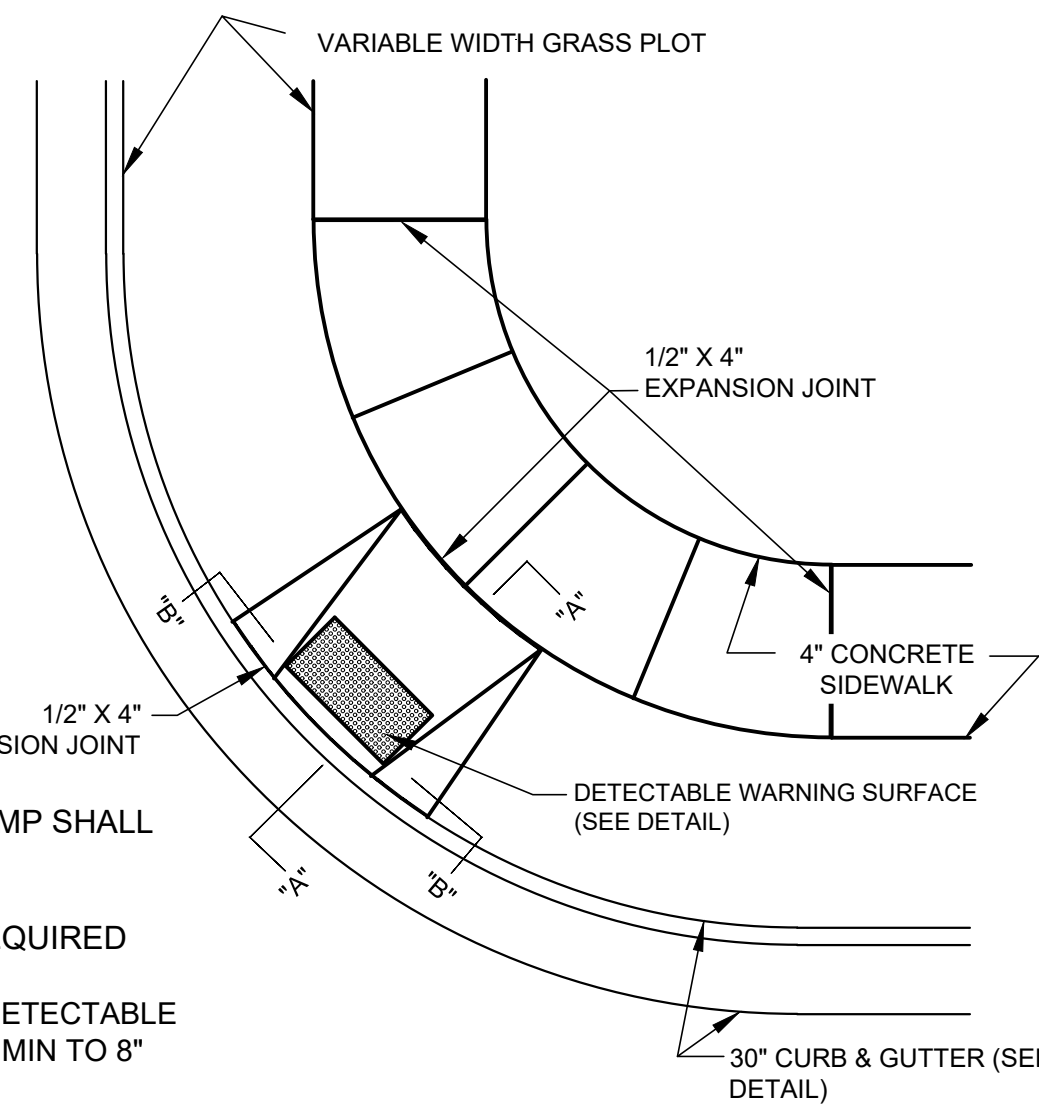
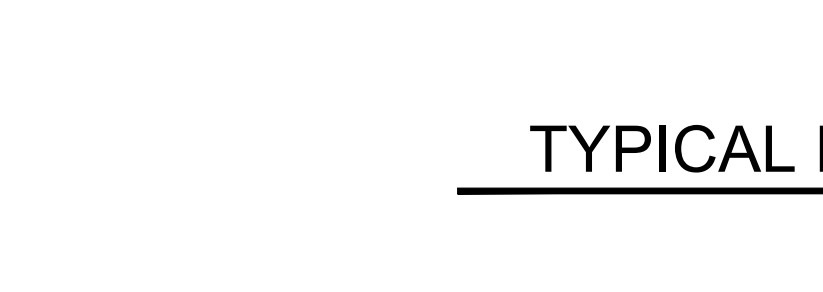
NOTE: MAXIMUM SLOPE ON RAMP SHALL BE 12:1

NOTE: NON-SLIP SURFACES REQUIRED

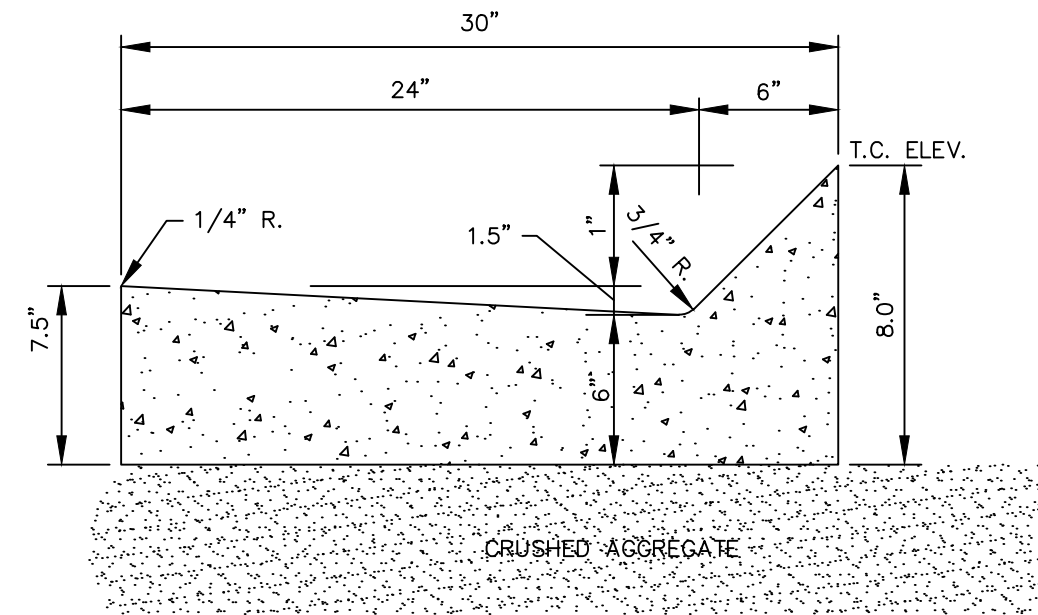
NOTE: THE NEAR EDGE OF THE DETECTABLE WARNING SURFACE SHALL BE 6" MIN TO 8" MAX FROM CURBLINE

NOTE: THE DETECTABLE WARNING SURFACE SHALL BE YELLOW CAST-IN-PLACE ARMOR-TILE OR EQUIVALENT

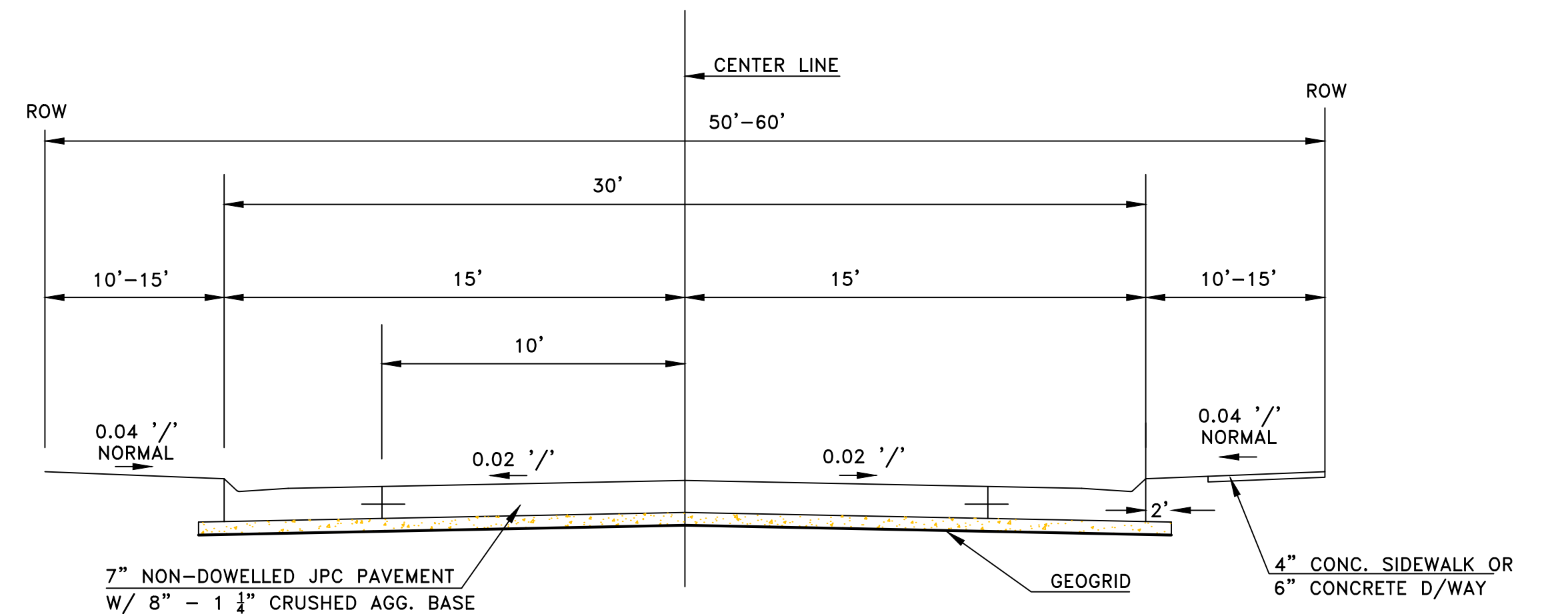
"T" INTERSECTION RAMP (FOR MID-BLOCK SITUATION) NOT TO SCALE



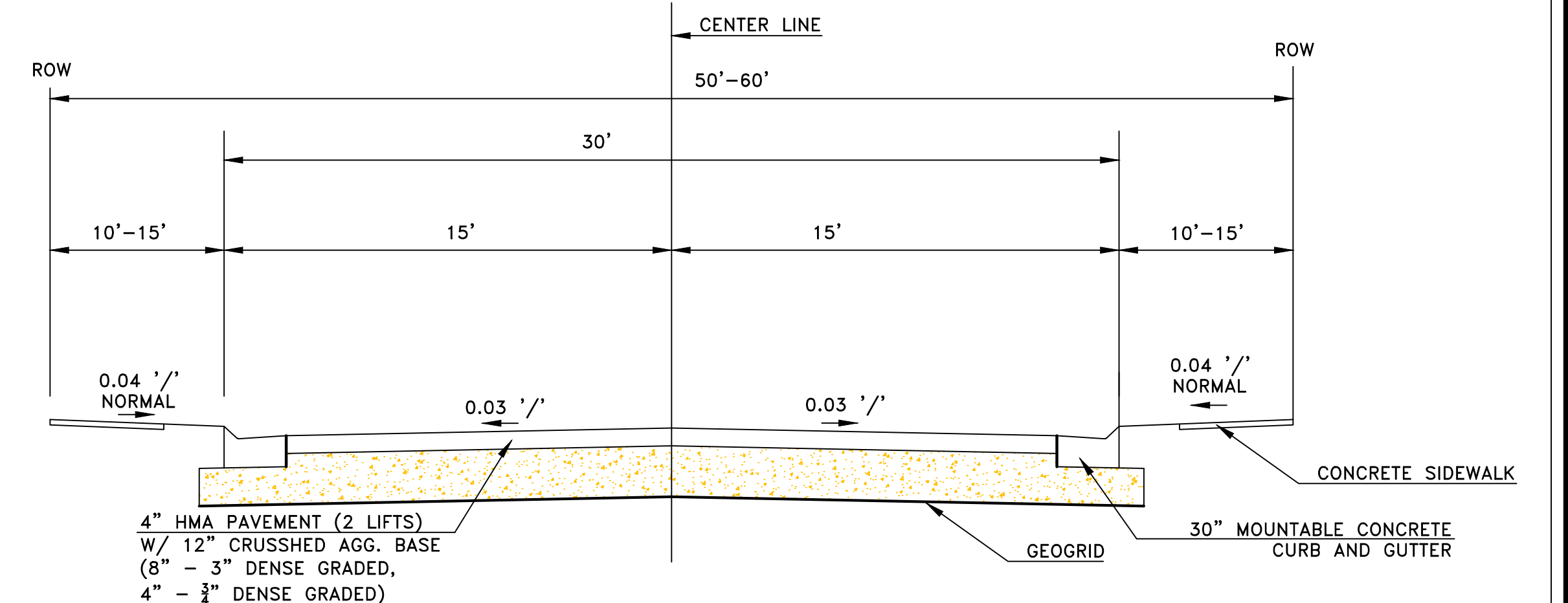
RADIUS SIDEWALK INTERSECTION NOT TO SCALE



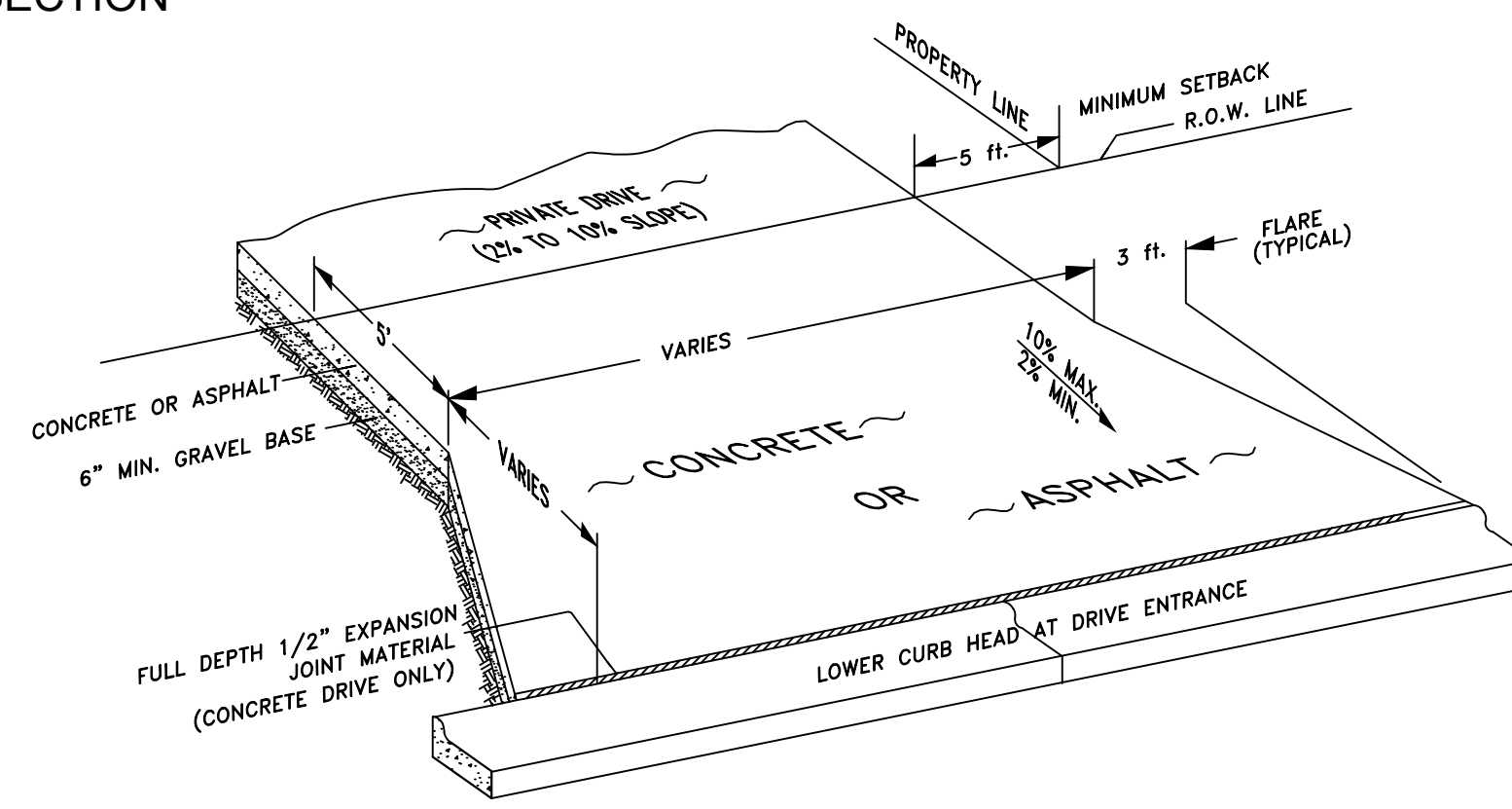
MOUNTABLE CURB AND GUTTER DETAIL



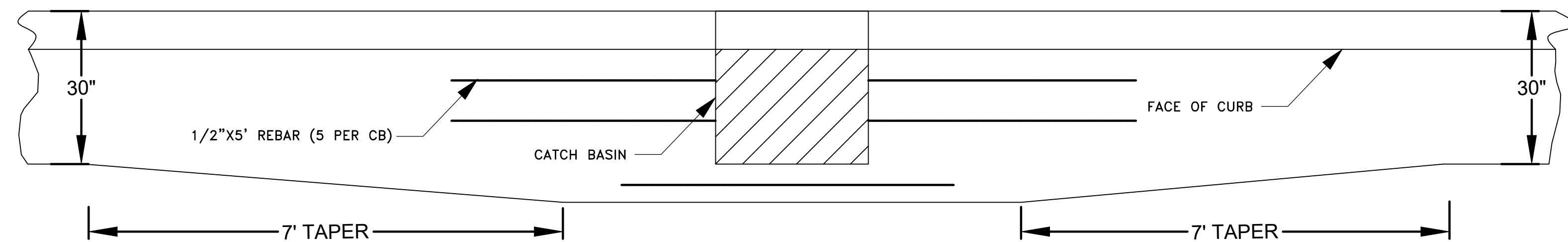
ALTERNATE CONCRETE STREET CROSS SECTION



HMA STREET CROSS SECTION



TYPICAL DRIVEWAY APPROACH



TYPICAL CATCH BASIN WITH REBAR (TAPERS DETAILS FOR BITUMINOUS PAVEMENT ONLY)

CITY OF NEENAH
DEPARTMENT OF
PUBLIC WORKS

PHONE: (920) 886-6240 FAX: (920) 886-6250
211 WALNUT ST., NEENAH, WI 54956

REV.	DESCRIPTION	BY	DATE

ROADWAY DETAILS
1-24 STREET CONSTRUCTION

DRAWN BY: JME CHECKED BY: GK

SCALE: HOR.: N/A VERT.: N/A

CONTRACT: 1-24 FILE NUMBER:

DATE: 1/15/24 PAGE 17 OF 17