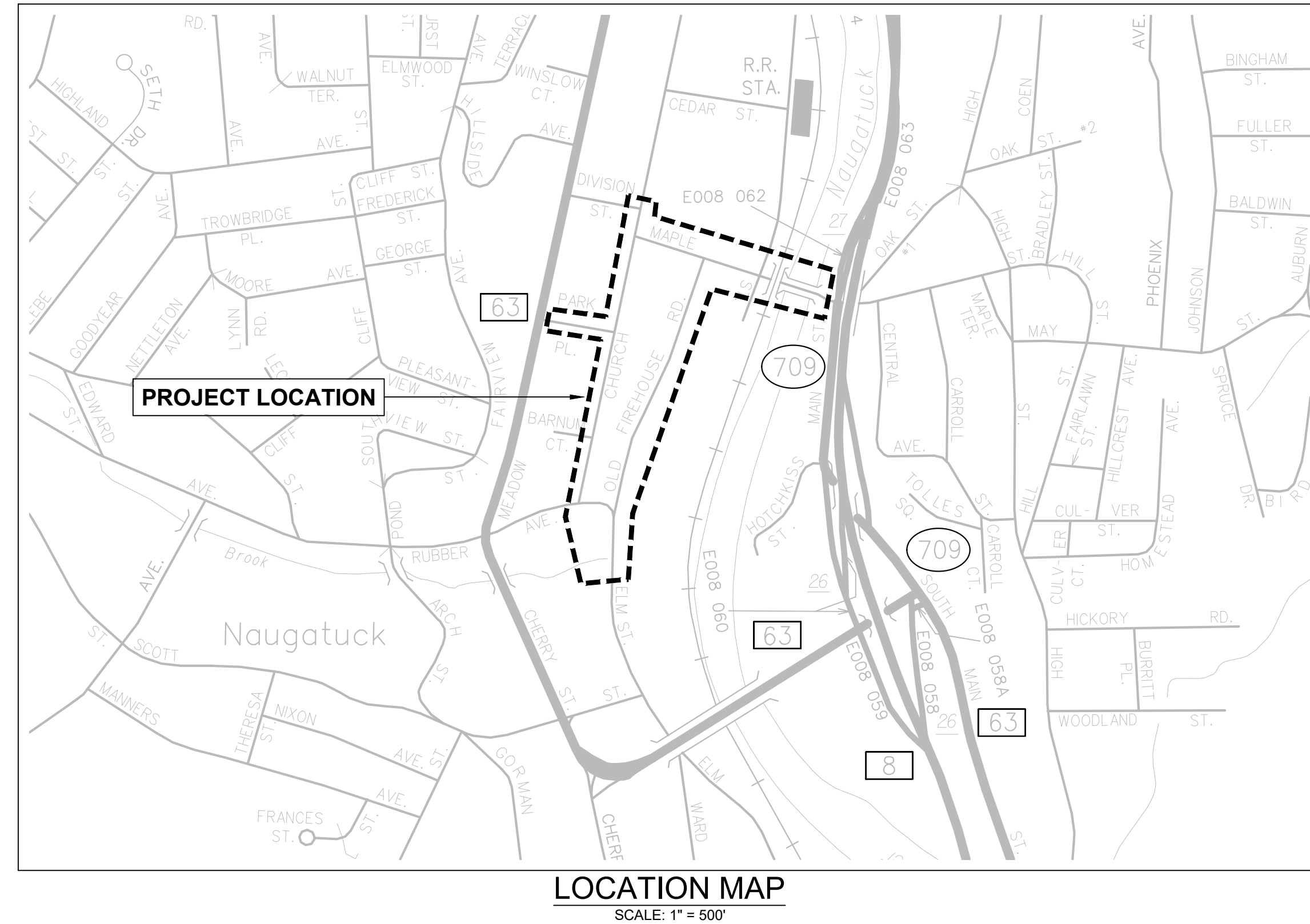
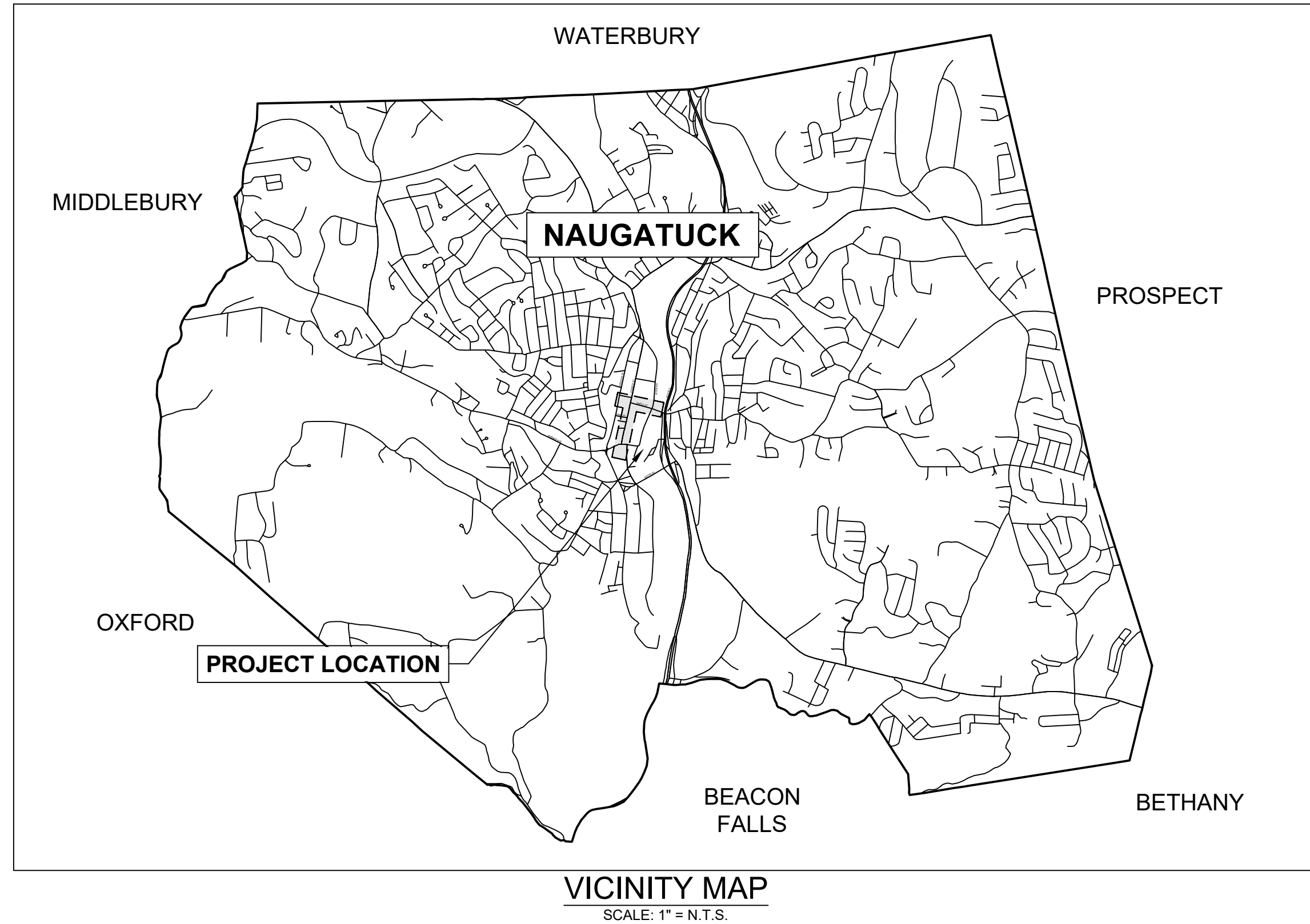


DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS

ISSUED FOR CONSTRUCTION
JUNE 2023

KLEINFELDER
Bright People. Right Solutions.
400 Capital Boulevard, Suite 104
Rocky Hill, CT 06067
Phone: 860-563-7775
www.kleinfelder.com

LANDSCAPE ARCHITECT
Richter & Cegan Inc.
88 CANAL COURT P.O. BOX 567
AVON, CT 06001
PHONE: 860-678-0669
CONTACT NAME: Gary Guimond
EMAIL: gguimond@richtercegan.com



DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION
THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING
0 1"
IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

PREPARED FOR:
BOROUGH OF NAUGATUCK
229 CHURCH STREET,
NAUGATUCK, CONNECTICUT 06770

PREPARED BY:
LANDSCAPE ARCHITECT
Richter & Cegan Inc.
88 Canal Court P.O. Box 567
Avon, CT 06001
Phone: 860-678-0669
Contact Name: Gary Guimond
Email: gguimond@richtercegan.com

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Rocky Hill, CT 06067
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PLAN REPRODUCTION WARNING
THE PLANS HAVE BEEN CREATED ON ANSI D (22"x34") SHEETS. FOR REDUCTIONS, REFER TO GRAPHIC SCALE.
THE PLANS HAVE BEEN CREATED FOR FULL COLOR PLOTTING. ANY SET OF THE PLANS THAT IS NOT PLOTTED IN FULL COLOR MUST NOT BE CONSIDERED ADEQUATE FOR CONSTRUCTION PURPOSES.
WARNING: INFORMATION MAY BE LOST IN COPYING AND/OR GRAY SCALE PLOTTING.

ORIGINAL DRAWING SIZE IS 22 x 34

COVER SHEET
DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION		GEN-01
PROJECT NO.	20225069.002A	
ISSUE DATE	06/30/2023	
CURRENT REVISION	IFC	
DESIGNED BY	K.VIOLETTE	
DRAWN BY	J.PERKINS	
CHECKED BY	P. KING	
APPROVED BY	N.KULIKAUSKAS	

PLOT FILE: C:\pwworking\kleinfelder\proj\01\macedon\01\macedon.dwg LAYOUT: GEN-01 LAYOUT: GEN-01



DRAWING ISSUE

REV	DESCRIPTION	DATE

REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION

THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING

IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

0 80 160
SCALE: 1" = 80' SCALE IN FEET
ORIGINAL DRAWING SIZE IS 22 x 34

OVERALL SITE PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

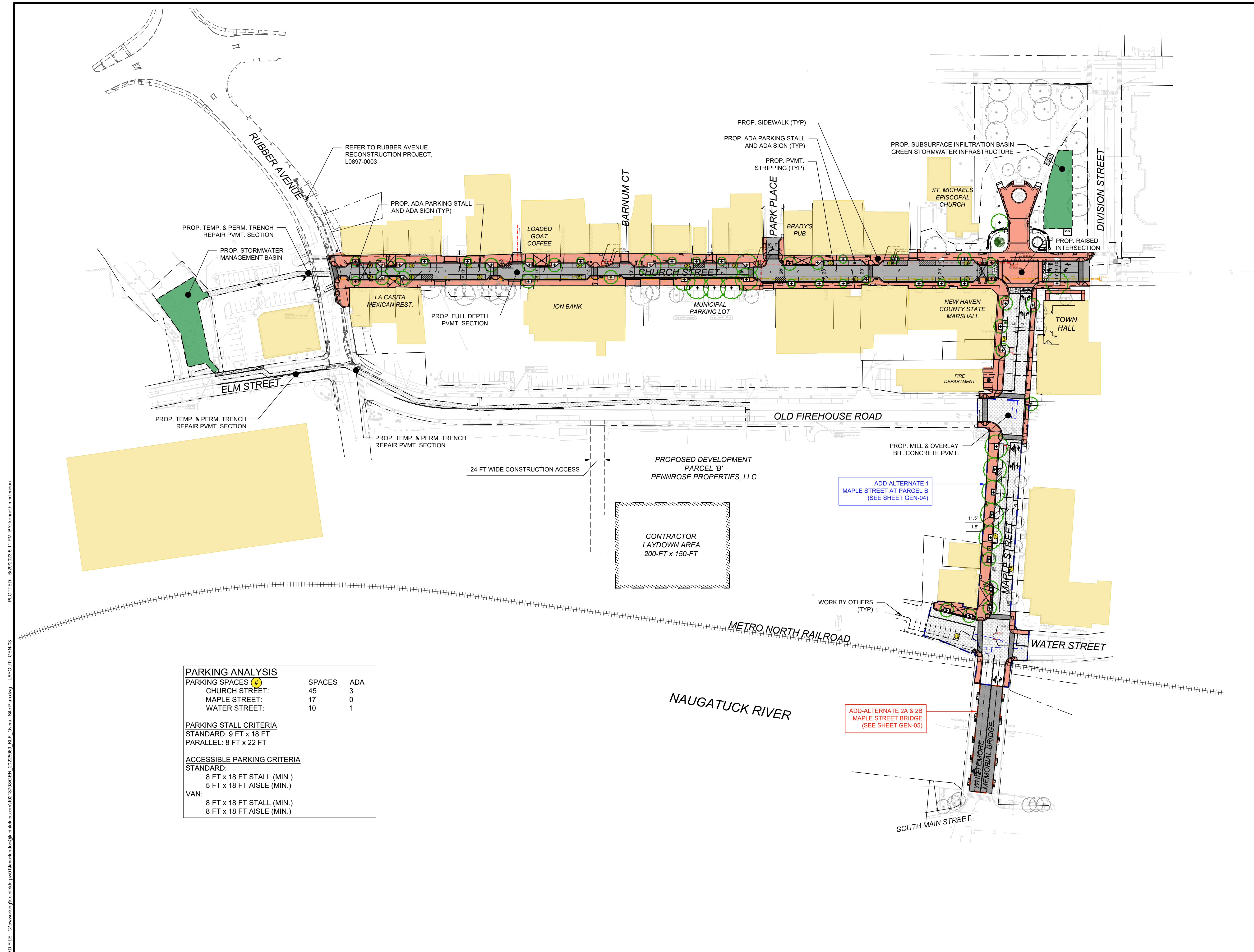


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

GEN-03



PARKING ANALYSIS		
PARKING SPACES (#)	SPACES	ADA
CHURCH STREET:	45	3
MAPLE STREET:	17	0
WATER STREET:	10	1
PARKING STALL CRITERIA		
STANDARD: 9 FT x 18 FT		
PARALLEL: 8 FT x 22 FT		
ACCESSIBLE PARKING CRITERIA		
STANDARD:		
8 FT x 18 FT STALL (MIN.)		
5 FT x 18 FT AISLE (MIN.)		
VAN:		
8 FT x 18 FT STALL (MIN.)		
8 FT x 18 FT AISLE (MIN.)		

PLOTTED: 6/29/2023 5:11 PM BY: karmath.mcclellan
 LAYOUT: GEN-03
 CAD FILE: C:\pwworking\kleinfelder\proj\20225069_002A\Overall Site Plan.dwg



DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION

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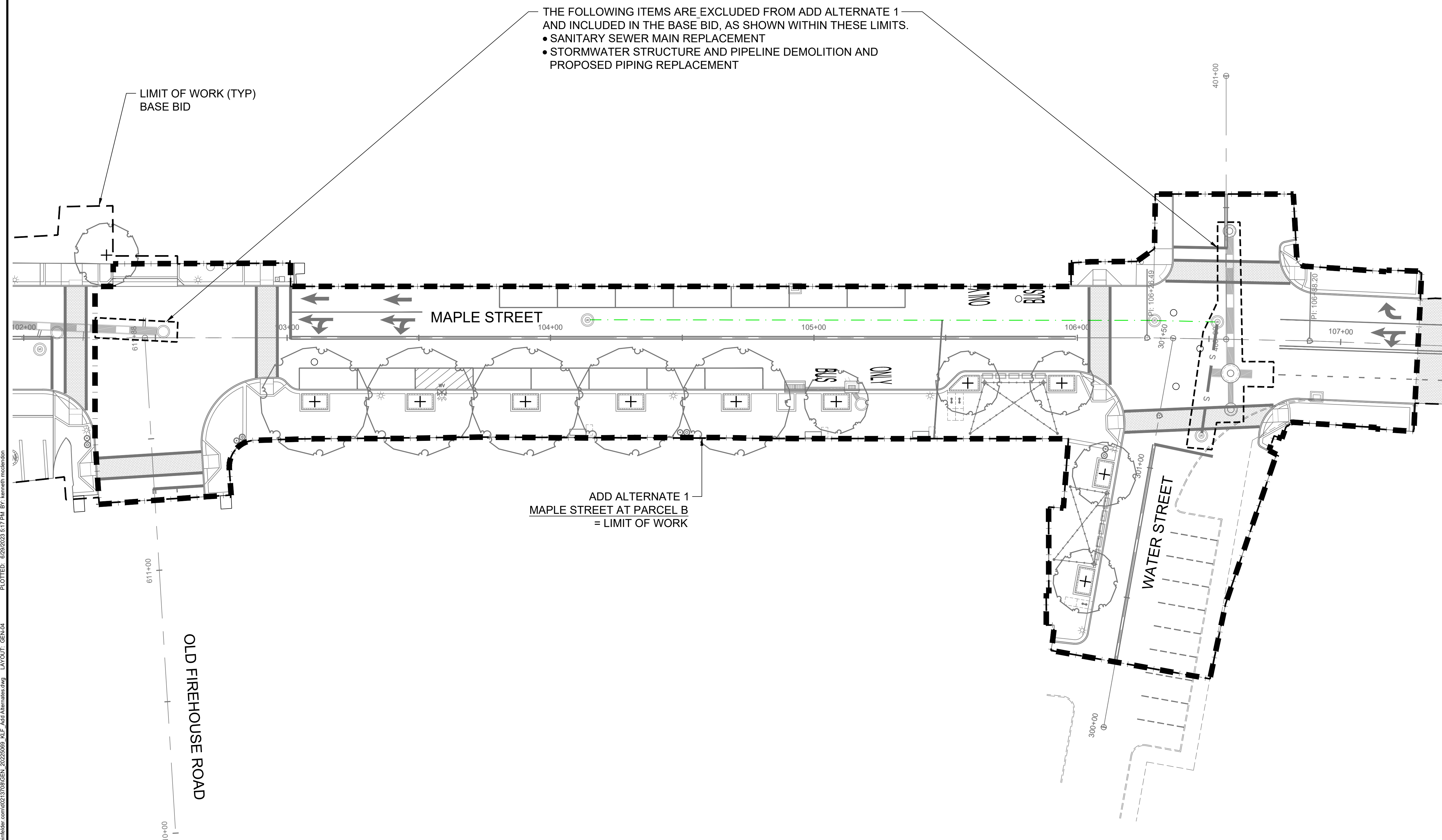
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SCALE: 1" = 20' SCALE IN FEET
ORIGINAL DRAWING SIZE IS 22 x 34

**ADD ALTERNATE 1
MAPLE STREET AT PARCEL B**
DOWNTOWN SANITARY, STORMWATER
AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION	
PROJECT NO. 20225069.002A	GEN-04
ISSUE DATE 06/30/2023	
CURRENT REVISION IFC	
DESIGNED BY K.VIOLETTE	
DRAWN BY J.PERKINS	
CHECKED BY P.KING	
APPROVED BY N.KULIKAUSKAS	



- NOTES:**
- EXCEPT AS NOTED, THE WORK WITHIN THE LIMITS IDENTIFIED ON THIS PLAN, INCLUDING WORK SHOWN ON OR REFERENCED IN THE CIVIL, DRAINAGE, UTILITY, GRADING, ROADWAY PROFILE, LANDSCAPE ARCHITECTURE, SIGN LOCATION, SIGNING AND PAVEMENT MARKINGS, ELECTRICAL SITE ILLUMINATION, LANDSCAPE, SEDIMENTATION AND EROSION CONTROL, STRUCTURAL, TYPICAL SECTION AND DETAILS SHALL BE INCLUDED UNDER ADD ALTERNATE 1 ITEM.
 - OTHER WORK OF THIS CONTRACT, LOCATED OUTSIDE OF THE LIMITS IDENTIFIED ON THIS PLAN, SHALL BE PAID FOR AS DEFINED ELSEWHERE IN THE CONTRACT.

CAD FILE: C:\pwworking\kleinfelder\proj\01\mcsd\gen\20225069_002\GEN_04\Add Alternates.dwg LAYOUT: GEN-04 PLOTTED: 6/29/2023 5:17 PM BY: kenneth.mcclelland

LANDSCAPE ARCHITECT

Richter & Cegan Inc.

88 CANAL COURT P.O. BOX 567
AVON, CT 06001
PHONE: 860-678-0669
CONTACT NAME: Gary Guimond
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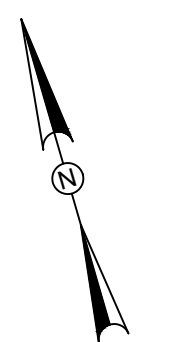
DRAWING ISSUE

REV	DESCRIPTION	DATE

REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

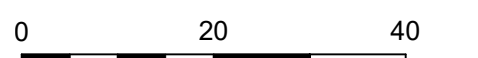


SCALE VERIFICATION

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IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY



SCALE: 1" = 20' SCALE IN FEET

ORIGINAL DRAWING SIZE IS 22 x 34

**ADD ALTERNATE 2
MAPLE STREET BRIDGE**

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

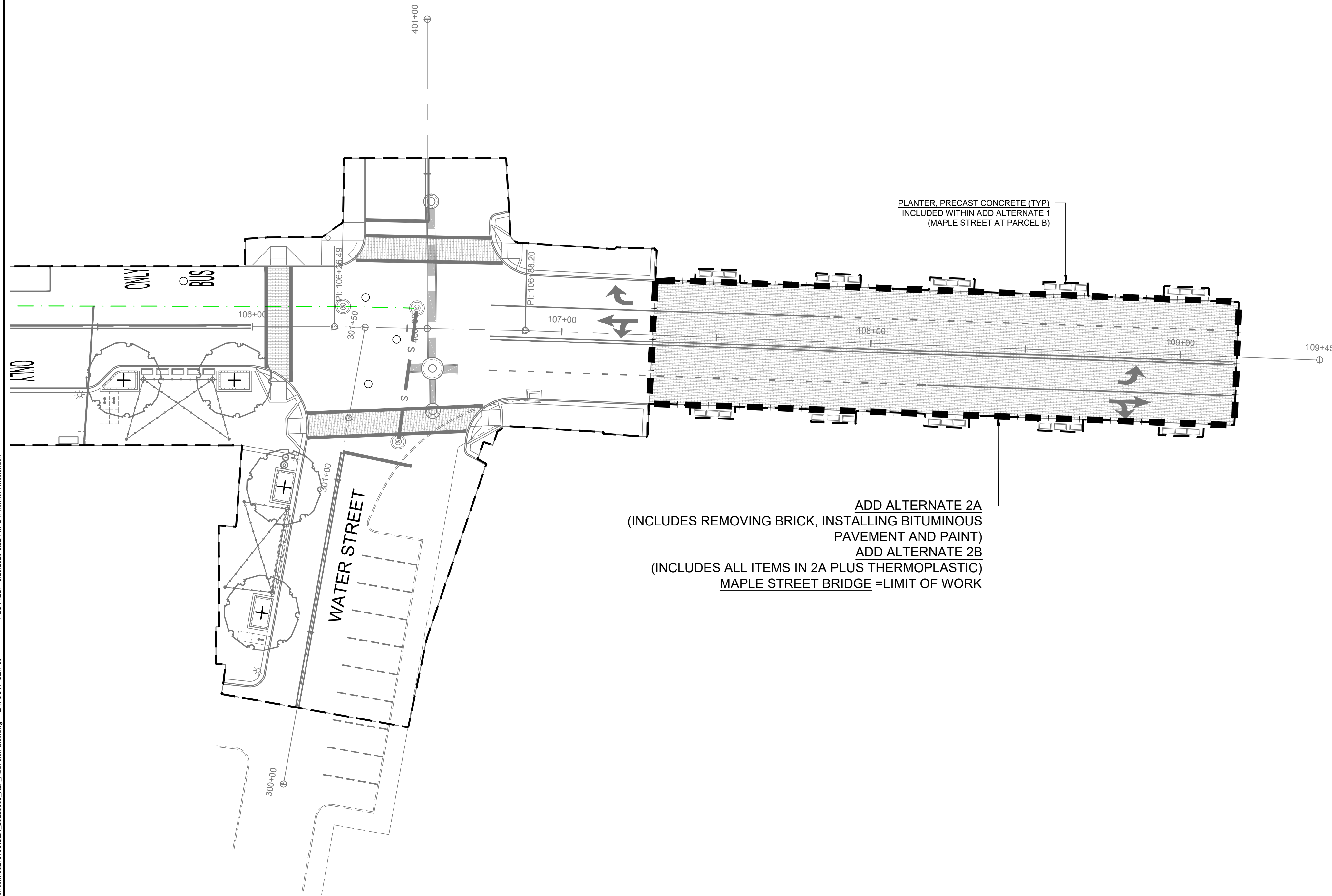


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P.KING
APPROVED BY	N.KULIKAUSKAS

GEN-05



PLANTER, PRECAST CONCRETE (TYP)
INCLUDED WITHIN ADD ALTERNATE 1
(MAPLE STREET AT PARCEL B)

ADD ALTERNATE 2A
(INCLUDES REMOVING BRICK, INSTALLING BITUMINOUS PAVEMENT AND PAINT)
ADD ALTERNATE 2B
(INCLUDES ALL ITEMS IN 2A PLUS THERMOPLASTIC)
MAPLE STREET BRIDGE =LIMIT OF WORK

NOTES:

1. THE WORK WITHIN THE LIMITS IDENTIFIED ON THIS PLAN, INCLUDING WORK SHOWN ON OR REFERENCED IN THE CIVIL, DRAINAGE, UTILITY, GRADING, ROADWAY PROFILE, LANDSCAPE ARCHITECTURE, SIGN LOCATION, SIGNING AND PAVEMENT MARKINGS, ELECTRICAL SITE ILLUMINATION, LANDSCAPE, SEDIMENTATION AND EROSION CONTROL, STRUCTURAL, TYPICAL SECTION AND DETAILS SHALL BE INCLUDED UNDER THE ADD ALTERNATE 2 ITEM.
2. OTHER WORK OF THIS CONTRACT, LOCATED OUTSIDE OF THE LIMITS IDENTIFIED ON THIS PLAN, SHALL BE PAID FOR AS DEFINED ELSEWHERE IN THE CONTRACT.

GENERAL NOTES

- EXACT DEPTHS OF EXISTING PAVEMENT BASES AND SURFACE COURSES ARE NOT KNOWN AND SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR.
- DIVERSION, BYPASS, AND CONTROL OF SANITARY SEWER, STORM DRAIN AND DEWATERING FLOWS ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR'S INTENDED DIVERSION, BYPASS, CONTROL, AND DEWATERING PLANS SHALL BE SUBMITTED TO THE OWNER AND ENGINEER FOR REVIEW AT LEAST 7 DAYS PRIOR TO ANY EXCAVATION.
- THE CONTRACTOR SHALL MAINTAIN EXISTING GRADES AND CONDITIONS WITHIN THE CONSTRUCTION AREA UNTIL FINAL RESTORATION IS COMPLETE.
- CONTRACTOR SHALL PLUG PIPE AT EXISTING CATCH BASINS AND MANHOLES WHEN DRAWINGS INDICATE THAT PIPES ARE TO BE REMOVED OR ABANDONED. EXISTING CATCH BASIN LATERALS WHICH ARE NOT RECONNECTED SHALL BE ABANDONED BY PLUGGING BOTH ENDS. PLUGS SHALL BE WATERTIGHT.
- CONTRACTOR SHALL CUT OPENINGS IN EXISTING CATCH BASINS, MANHOLES AND IN-LINE PIPE CONNECTIONS FOR NEW PIPES WHEN EXISTING STRUCTURES ARE TO BE INCLUDED IN THE PROPOSED COLLECTION SYSTEM UNLESS EXISTING STRUCTURE IS BRICK OR AS APPROVED BY THE ENGINEER. NEW CONNECTIONS SHALL BE SEALED WATERTIGHT. ALL NEW PENETRATIONS SHALL BE CIRCULAR CORED OPENINGS. SAW CUT OR HAMMERED NON-CIRCULAR OPENINGS ARE NOT ALLOWED.
- ALL STATIONING IS TO CENTER OF STRUCTURE. DISTANCES OF "LEFT" (L) AND "RIGHT" (R) ON THE PLAN REFER TO THE ORIENTATION RELATIVE TO THE STATION LINE WHEN FACING THE POSITIVE DIRECTION. THE STATIONS AS SHOWN FOR SEWERS AND DRAINS ARE APPROXIMATE. THE EXACT STATIONS SHALL BE DETERMINED BY THE CONTRACTOR AND RECORDED ON THE RECORD DRAWINGS.
- THE LOCATION OF EXISTING UNDERGROUND PIPES, CABLES, CONDUITS AND STRUCTURES AS SHOWN HAS BEEN COLLECTED FROM THE BEST AVAILABLE SOURCES AND THE OWNER TOGETHER WITH ITS AGENTS DOES NOT IMPLY OR GUARANTEE THE DATA AND INFORMATION IN CONNECTION WITH THE UNDERGROUND PIPES, CABLES, CONDUITS, STRUCTURES AND SUCH OTHER PARTS AS TO THEIR COMPLETENESS NOR THEIR LOCATIONS AS INDICATED. THE CONTRACTOR SHALL CONTACT UTILITY OWNERS AND REQUEST MARKING LOCATION OF ALL THEIR LINES IN THE WORK AREAS. THE CONTRACTOR SHALL ASSUME THAT THERE ARE EXISTING WATER, GAS, AND OTHER UTILITY CONNECTIONS TO EACH AND EVERY BUILDING ENROUTE, WHETHER THEY APPEAR ON THE PLANS OR NOT. ANY EXPENSE AND/OR DELAY OCCASIONED BY THESE UTILITIES AND STRUCTURES OR DAMAGE THERETO, INCLUDING THOSE NOT SHOWN, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND AT NO ADDITIONAL EXPENSE TO THE OWNER. (SEE SPECIAL CONDITIONS).
- FOUNDATIONS AND LINES FOR SERVICES, POLICE AND FIRE ALARM BOXES, STREET LIGHTS, AND TRAFFIC SIGNALS ARE NOT SHOWN ON THE PLANS. THE APPROPRIATE UTILITY COMPANIES OR AUTHORITIES SHOULD BE CONTACTED AND CONSULTED FOR LOCATIONS OF THE ABOVE.
- THE CONTRACTOR SHALL PREMARK THE EXCAVATION AREA AND NOTIFY THE CALL BEFORE YOU DIG (811) AT LEAST THREE BUSINESS DAYS PRIOR TO ANY EXCAVATION WORK. IN ADDITION, NOTIFICATION SHALL ALSO BE GIVEN TO ALL AFFECTED PRIVATE AND/OR PUBLIC UTILITIES INCLUDING THE BOROUGH OF NAUGATUCK DPW, THE CONNECTICUT WATER COMPANY, FRONTIER, AND EVERSOURCE TO PERMIT STREET MARKING OF THEIR LINES.
- ALL EXISTING STREET LIGHTS, MANHOLE FRAMES, COVERS, CATCH BASINS FRAMES AND GRATES REMOVED SHALL REMAIN THE PROPERTY OF THE OWNER AND THEN LATER BE SELECTED BY THE OWNER AND DELIVERED BY THE CONTRACTOR TO A LOCATION DESIGNATED BY THE OWNER. ALL REMAINING STREET LIGHTS, FRAMES, COVERS, AND GRATES NOT SELECTED BY AND DELIVERED TO THE OWNER SHALL BE DISPOSED OF BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- TEST PITS SHALL BE EXCAVATED AT THOSE LOCATIONS INDICATED ON THE DRAWINGS AND WHERE ORDERED OR APPROVED BY THE OWNER OR ENGINEER. ALL TEST PIT EXCAVATIONS SHALL BE MADE TO DETERMINE THE LOCATIONS OF EXISTING UTILITIES OR STRUCTURES AND PERFORMED WELL IN ADVANCE OF CONSTRUCTION OPERATIONS SO THAT ANY CHANGES IN ALIGNMENT AND/OR GRADE OF THE PROPOSED WORK OR UTILITY LOCATIONS MAY BE DETERMINED. ALL DECISIONS RELATIVE TO UTILITY CONFLICTS AND RELOCATION REQUIREMENTS SHALL BE MADE BY THE UTILITY OWNER. AT THOSE LOCATIONS WHERE TEST PITS ARE REQUIRED TO DETERMINE THE LOCATION OF EXISTING UTILITIES, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES INVOLVED AT LEAST 72 HOURS PRIOR TO EXCAVATION OF THE TEST PITS.
- WHERE TEMPORARY OR PERMANENT UTILITY RELOCATION IS REQUIRED, THE CONTRACTOR SHALL NOTIFY THE AFFECTED UTILITY COMPANY 30 DAYS IN ADVANCE OF CONSTRUCTION AND SHALL COORDINATE THE NEW WORK WITH THE UTILITY.
- THE CONTRACTOR SHALL COORDINATE THE RELOCATION OF WATER MAINS WITH THE RESIDENT ENGINEER AND THE CONNECTICUT WATER COMPANY.
- LOCATIONS OF NEW WATER, SANITARY, AND DRAINAGE SERVICE CONNECTIONS SHALL BE DETERMINED DURING CONSTRUCTION, IN CONSULTATION WITH PROPERTY OWNER AND BOROUGH.
- THE LIMITS OF BELOW GRADE EXCAVATIONS FOR NEW PIPELINES OR STRUCTURES ARE APPROXIMATE. ACTUAL HORIZONTAL AND VERTICAL LIMITS INCLUDING MEASUREMENT FOR THE NEW WORK SHALL BE APPROVED BY THE ENGINEER DURING CONSTRUCTION.
- GEOTECHNICAL INFORMATION IN THE CONTRACT DOCUMENTS WERE TAKEN FOR THE PURPOSE OF DESIGN AND INDICATE CONDITIONS AT THE LOCATION OF THE BORING ONLY. SUBSURFACE CONDITIONS ENCOUNTERED DURING CONSTRUCTION MAY VARY FROM THE GEOTECHNICAL INFORMATION PROVIDED IN THE SPECIFICATIONS. GROUNDWATER LEVELS INDICATED IN THE BORING LOGS ARE THOSE EXISTING AT THE TIME SUBSURFACE INVESTIGATIONS WERE MADE AND DO NOT REPRESENT PERMANENT GROUNDWATER LEVELS.
- INTERRUPTIONS OF SERVICES SHALL NOT BE PERMITTED. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITIES AND PROVIDE ALL TEMPORARY UTILITIES AND CONNECTIONS TO AVOID INTERRUPTIONS OF WATER, SANITARY, DRAINAGE, ELECTRIC, PHONE, GAS, FIBEROPTICS, AND CABLE SERVICES.
- PRIOR TO BEGINNING WORK, THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS INFORMATION AND REPORT ANY DISCREPANCIES BETWEEN THE PLANS AND THE ACTUAL CONDITIONS TO THE ENGINEER.
- THE CONTRACTOR SHALL PROVIDE ALL EROSION AND SEDIMENT CONTROL DEVICES, AND SHALL NOT COMMENCE CONSTRUCTION UNTIL THESE MEASURES HAVE BEEN INSTALLED AND APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL PROTECT ALL TRAVELED WAYS FROM DUST AND CONSTRUCTION DEBRIS AT ALL TIMES.
- UNLESS OTHERWISE INDICATED ON THE DRAWINGS, ALL AREAS ADJACENT TO THE LIMITS OF CONSTRUCTION WHICH ARE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL DEMOLISHED MATERIALS, RUBBISH, EXCAVATED MATERIAL AND DEBRIS, UNLESS OTHERWISE NOTED, AND IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS HAVING JURISDICTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL DISPOSAL PERMITS AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR MAY BE ASKED BY THE OWNER TO SUSPEND CONSTRUCTION OPERATIONS TEMPORARILY AND CLEAN TO AVOID CONFLICTS WITH PUBLIC EVENTS OR SIGNIFICANT STORM EVENTS. SEE SPECIFICATION SPECIAL CONDITION 9 FOR ANTICIPATED BOROUGH EVENTS IN PROJECT AREA. THE CONTRACTOR SHALL NOT BE COMPENSATED FOR COSTS RELATING TO SHUTDOWNS FOR THESE REASONS.
- THE CONTRACTOR SHALL NOT BLOCK ACCESS TO STREET AND PRIVATE PARKING IN THE VICINITY OF THE LIMITS OF CONSTRUCTION AFTER WORK HOURS AND ON WEEKENDS, UNLESS OWNER HAS APPROVED OTHERWISE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SNOW PLOWING AND SNOW REMOVAL FROM ALL AREAS WHERE PRESENCE IS MAINTAINED INCLUDING BUT NOT LIMITED TO, UNPAVED SURFACES, PARKED EQUIPMENT AREAS OR ANY CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR STREET SWEEPING, SNOW REMOVAL FROM SIDEWALKS, TRASH REMOVAL, AND RECYCLABLE MATERIALS REMOVAL FROM ALL AREAS WHERE CONSTRUCTION RESTRICTS VEHICULAR OR PEDESTRIAN ACCESS TO STREETS OR SIDEWALKS AND WHERE CONTRACTOR'S PRESENCE INTERFERES WITH MUNICIPAL TRASH REMOVAL, STREET SWEEPING, OR SNOW PLOWING AND REMOVAL.
- THE CONTRACTOR SHALL NOT BE PERMITTED TO STARTUP OR OPERATE EQUIPMENT BEFORE OR AFTER ESTABLISHED WORKING HOURS OF 7:00 AM TO 4:00 PM, MONDAY THROUGH FRIDAY WITHOUT WRITTEN APPROVAL OF THE OWNER, UNLESS NOTED OTHERWISE.
- EXISTING CONDITIONS ARE SHOWN SCREENED.
- ALL EXISTING DRAIN PIPE REPLACED BY PROPOSED DRAIN PIPE SHALL BE REMOVED, UNLESS OTHERWISE INDICATED ON THE DRAWINGS TO BE ABANDONED.
- CONTROLLED DENSITY FILL (CDF) SHALL BE REQUIRED FOR ALL UTILITY CROSSINGS WITH CLEARANCE LESS THAN 12 INCHES. CDF IS NOT TO BE PLACED ADJACENT TO GAS LINES AT ANY TIME OR WATER MAINS WITHOUT COORDINATION WITH THE CONNECTICUT WATER COMPANY.

- STRUCTURAL REPAIRS TO EXISTING PIPES SHALL BE COMPLETED PRIOR TO INSTALLATION OF NEW DRAIN AND NEW OR REPLACEMENT LATERAL CONNECTIONS TO THE EXISTING MAIN.
- WHERE NEW SYSTEMS ARE TO BE CONNECTED INTO EXISTING SYSTEMS, WHICH ARE REQUIRED TO BE SHUTDOWN TO MAKE THE TIE-IN THE NEW SYSTEM SHALL BE FULLY PREPARED IN ANTICIPATION OF THE TIE-IN TO MINIMIZE DOWNTIME OF THE EXISTING SYSTEM. THE NEW SYSTEM SHALL BE FULLY TESTED TO THE MAXIMUM EXTENT POSSIBLE PRIOR TO THE TIE-IN. MEASUREMENTS SHALL BE TAKEN TO ENSURE THAT THE NEW SYSTEM IS OF THE CORRECT SIZE, LENGTH, AND ALIGNMENT TO COMPLETE THE TIE-IN.
- ALL STREET EXCAVATIONS SHALL BE COMPLETELY CLOSED AT THE END OF EACH WORKING DAY BY BACKFILLING AND TEMPORARY PAVING OR BY COVERING WITH STEEL PLATES WHEN APPROVED BY THE OWNER.
- EXISTING UTILITY POLES THAT FALL WITHIN 5 FEET OF THE PROPOSED EDGE OF TRENCH SHALL BE SUPPORTED BY THE UTILITY OWNER DURING EXCAVATION OF THE TRENCH. CONTRACTOR SHALL COORDINATE SUPPORT AND BE RESPONSIBLE FOR COSTS AND FEES. WHERE EXISTING GAS, ELECTRIC, AND TELECOM UTILITIES CROSS THE PROPOSED TRENCH LIMITS, CONTRACTOR SHALL COORDINATE WITH THE UTILITY OWNER TO SUPPORT AND BE RESPONSIBLE FOR COSTS AND FEES. CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPORTING THE EXISTING UTILITY IN ACCORDANCE WITH THE UTILITY OWNER'S REQUIREMENTS.
- CONTROLLED LOW STRENGTH MATERIAL SHALL NOT BE USED AROUND WATER MAIN, WATER VALVES OR VALVE BOXES. PROVIDE ACCEPTABLE PROTECTIVE LAYER BETWEEN DUCTILE IRON AND CONTROLLED LOW STRENGTH MATERIAL OR USE A NON-FLY ASH MATERIAL APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL INSTALL TRENCH DAMS BETWEEN MANHOLES AND AT 300 FOOT INTERVALS ALONG ALL PROPOSED PIPING ON A CASE-BY-CASE BASIS WITH ADVANCED NOTICE TO THE CONNECTICUT WATER COMPANY. FLOWFILL IS TO BE EXCAVATABLE, NON-FLY ASH AND ALL DELIVERY SLIPS SHALL BE TURNED OVER TO CONNECTICUT WATER COMPANY.

SURVEYING NOTES

- RECORD UTILITY INFORMATION FROM THE VARIOUS UTILITY COMPANIES AND PUBLIC AGENCIES, ARE APPROXIMATE ONLY AND ACTUAL LOCATIONS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR.
- ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE NOTIFIED, INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THIS PLAN, PRIOR TO EXCAVATING, INSTALLING, BACKFILLING, GRADING, PAVEMENT RESTORING, OR REPAVING.
- THE OWNER AND ENGINEER ASSUME NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN.
- SURVEY BASEMAP IS BASED ON GROUND FIELD SURVEYS PERFORMED BY MARTINEZ COUCH & ASSOCIATES LLC. BETWEEN JUNE OF 2022 AND UPDATED THROUGH DECEMBER OF 2022.
- SURVEY BASEMAP CONFORMS TO A HORIZONTAL ACCURACY CLASS A-2 FOR THE REFERENCED BASELINE AND CLASS D-2 FOR ADJACENT PARCEL LINES.
- DATUM USED FOR THE PLANS IS NORTH AMERICAN DATUM OF 1983 (NAD 83), CONNECTICUT STATE PLANES, (US FEET) AND ELEVATIONS SHOWN ON THE PLANS ARE NATIONAL GEODETIC VERTICAL DATUM OF 1988 (NAVD-88).
- PARCEL LINES DEPICTED HEREON ARE BASED ON GIS MAPPING.
- THE APPROXIMATE LOCATION AND DIFFERENCE IN PIPE SIZE/MATERIAL SHOWN BASED ON CCTV INFORMATION PROVIDED TO MARTINEZ COUCH & ASSOCIATES BY KLEINFELDER.
- ALL UNDERGROUND UTILITIES SHOWN OR NOT SHOWN WERE COMPILED ACCORDING TO AVAILABLE RECORD PLANS AND IN PART FROM CALL BEFORE YOU DIG (811) DELINEATIONS AND ARE APPROXIMATE ONLY. ACTUAL LOCATIONS MUST BE DETERMINED IN THE FIELD, BEFORE EXCAVATING, BLASTING, INSTALLING, BACKFILLING, GRADING, PAVEMENT RESTORATION OR REPAIRING. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE CONTACTED INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THIS PLAN. CONTRACTOR MUST CALL "CALL BEFORE YOU DIG".

WATER MAIN NOTES

- ALL WORK SHALL BE IN CONFORMANCE WITH THE CONNECTICUT WATER COMPANY STANDARDS.
- ROADWAY, DRIVEWAY, AND SIDEWALK CROSSINGS FOR TEMPORARY WATER MAIN AND SERVICES SHALL BE BURIED BELOW GRADE. FURNISH AND INSTALL TEMPORARY PAVEMENT TO MATCH EXISTING GRADE.
- UNLESS OTHERWISE NOTED, WATER MAINS SHALL BE INSTALLED WITH MINIMUM 4.0' COVER. ALL SERVICE LATERALS AND FITTINGS SHALL BE INSTALLED WITH A MINIMUM OF 3.5' OF COVER.
- IF COVER FOR WATER MAIN IS LESS THAN 4.0' OR COVER FOR LATERALS AND SERVICES IS LESS THAN 3.5', THE CONNECTICUT WATER COMPANY MUST BE NOTIFIED TO REVIEW CONDITIONS ON SITE. CONTRACTOR SHALL INSTALL INSULATION THE FULL LENGTH OF PIPE THAT DOES NOT MEET THE MINIMUM COVER REQUIREMENTS.
- CONTRACTOR TO PROVIDE 1" CHLORINATION TAP AT ALL LOCATIONS WHERE PROPOSED WATER MAIN CONNECTS TO EXISTING WATER MAIN.
- WATER GATES, BOXES AND HYDRANTS SHALL BE INSTALLED TO EXISTING GRADE AND ADJUSTED TO FINAL GRADE ELEVATIONS DURING SURFACE RESTORATION WORK.
- ALL NEW AND RELOCATED HYDRANTS TO BE FLOW TESTED IN COORDINATION WITH THE CONNECTICUT WATER COMPANY AND PAINTED PER THE CONNECTICUT WATER COMPANY SPECIFICATIONS. CONTRACTOR TO COORDINATE WITH CONNECTICUT WATER COMPANY FOR PAINT SPECIFICATIONS/COLOR.
- ALL ELBOWS, TEES, AND CONNECTIONS TO BE PROPERLY RESTRAINED PER THE CONNECTICUT WATER COMPANY STANDARDS.
- CONTROLLED LOW STRENGTH MATERIAL SHALL NOT BE USED AROUND WATER VALVES OR VALVE BOXES. PROVIDE ACCEPTABLE PROTECTIVE LAYER BETWEEN DUCTILE IRON AND CONTROLLED LOW STRENGTH MATERIAL OR USE A NON-FLY ASH MATERIAL APPROVED BY THE ENGINEER.
- CONTRACTOR TO PRESSURE TEST AND DISINFECT PER CONNECTICUT WATER COMPANY STANDARDS.

ADA (AMERICANS WITH DISABILITIES ACT) NOTES

- THE PROJECT WAS DESIGNED IN ACCORDANCE WITH BOROUGH OF NAUGATUCK STANDARDS AND CTDOT HIGHWAY DESIGN MANUAL.
- EXCEPTIONS INCLUDE ADA COMPLIANCE FOR SELECT SIDEWALK LOCATIONS AND PARKING STALLS AS APPROVED BY THE BOROUGH.

UTILITY COMPANY:

- CABLE TV**
COMCAST OF CONNECTICUT, INC.
- COMMUNICATION**
CROWN CASTLE FIBER, LLC
FRONTIER
- ELECTRIC DISTRIBUTION**
EVERSOURCE
- GAS**
ALGONQUIN GAS TRANSMISSION COMPANY
EVERSOURCE
- RAILROAD**
METRO-NORTH COMMUTER RAILROAD COMPANY
- WATER**
THE CONNECTICUT WATER COMPANY
- SEWER**
BOROUGH OF NAUGATUCK
(VEOLIA)
- STORM DRAINAGE**
BOROUGH OF NAUGATUCK

ABBREVIATIONS:

- AC ASBESTOS CEMENT PIPE
- BC BITUMINOUS CONCRETE, BOTTOM OF CURB
- BIT BITUMINOUS
- BLDG BUILDING
- BM BENCH MARK
- BR BOTTOM OF RAMP
- CATV CABLE TELEVISION
- CB CATCH BASIN
- CI CAST IRON
- CIPP CURED-IN-PLACE PIPE
- CL CENTERLINE
- CLDI CEMENT LINED DUCTILE IRON
- CONC CONCRETE
- COMP COMPANY
- CMP CORRUGATED METAL PIPE
- CPP CORRUGATED PLASTIC PIPE
- CF CUBIC FEET
- CY CUBIC YARDS
- DI DROP INLET, DUCTILE IRON
- DIA DIAMETER
- DMH DRAIN MANHOLE
- DWY DRIVEWAY
- E ELECTRIC, EAST
- EA EACH
- EL ELEVATION
- EOP EDGE OF PAVEMENT
- EXIST EXISTING
- FFE FINISH FLOOR ELEVATION
- FD FOUND
- FT FEET, FOOT
- GALV GALVANIZED
- GV GATE VALVE
- GC GRANITE CURB
- H HIGH
- HDPE HIGH DENSITY POLYETHYLENE PIPE
- HP HIGH POINT
- HORZ HORIZONTAL
- DIA DIAMETER
- IN INCH
- INV INVERT
- L LEFT
- LOD LIMITS OF DISTURBANCE
- LF LINEAR FEET
- LP LOW POINT
- MAX MAXIMUM
- MEX MEET EXISTING CONDITION
- MIN MINIMUM
- N NORTH
- NAD NORTH AMERICAN DATUM
- NO OR # NUMBER
- N.T.S. NOT TO SCALE
- PROP PROPOSED
- PVC POLYVINYL CHLORIDE
- PVMT PAVEMENT
- R RADIUS, RIGHT
- RCP REINFORCED CONCRETE PIPE
- RET RETAIN
- ROW RIGHT-OF-WAY
- S SEWER, SOUTH
- SD STORM DRAIN
- SEW SANITARY
- SF SQUARE FEET
- SMH SANITARY SEWER MANHOLE
- SPEC SPECIFICATIONS
- SW SIDEWALK
- SY SQUARE YARDS
- TBM TEMPORARY BENCH MARK
- TC TOP OF CURB
- TF TOP OF FRAME
- TP TEST PIT
- TR TOP OF RAMP
- TYP TYPICAL
- VC VITRIFIED CLAY
- VERT VERTICAL
- VIF VERIFY IN FIELD
- W WATER, WEST
- W/ WITH



LANDSCAPE ARCHITECT
Richter & Cegan Inc.
 8B CANAL COURT P.O. BOX 567
 AVON, CT 06001
 PHONE: 860-678-0669
 CONTACT NAME: Gary Guimond
 EMAIL: gguimond@richtercegan.com



DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION
 THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING

 IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

ORIGINAL DRAWING SIZE IS 22 x 34

GENERAL NOTE & ABBREVIATIONS
 DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
 BOROUGH OF NAUGATUCK

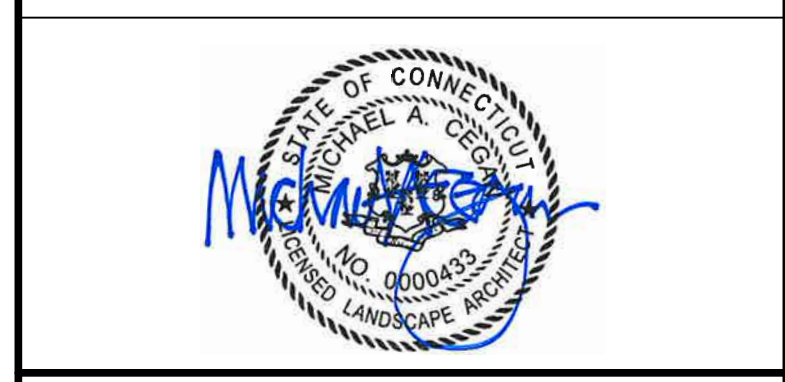


BOROUGH OF NAUGATUCK
 229 CHURCH STREET
 NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A	GEN-06
ISSUE DATE	06/30/2023	
CURRENT REVISION	IFC	
DESIGNED BY	K.VIOLETTE	
DRAWN BY	J.PERKINS	
CHECKED BY	P. KING	
APPROVED BY	N.KULIKAUSKAS	

CAD FILE: C:\pwworking\kleinfelder\proj\01\kfe\gen\kfe\gen\02\1378\GEN_20225069_KLF_Gen_Notes_Abbrev.dwg LAYOUT: GEN-06
 PLOTTED: 6/30/2023 3:17 PM BY: bur.violette



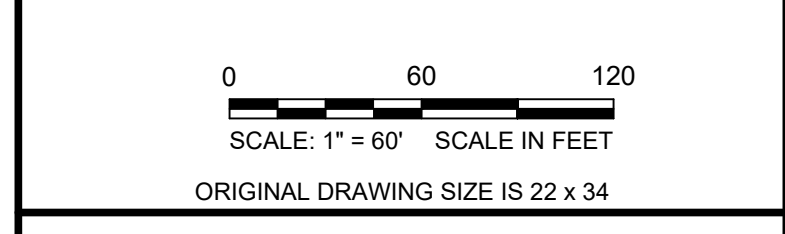
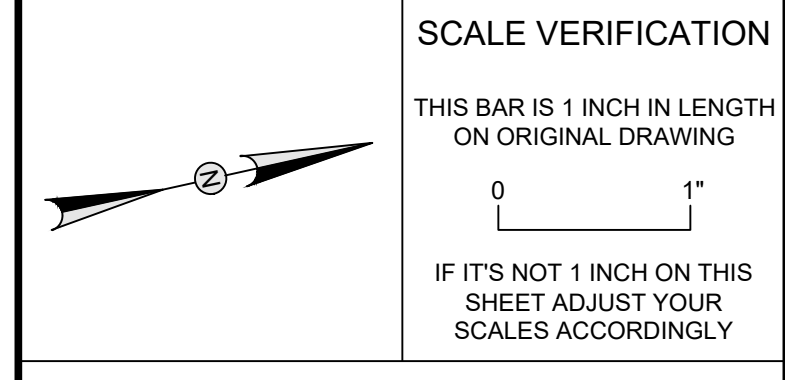
DRAWING ISSUE

REV	DESCRIPTION	DATE

REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

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STREETScape IMPROVEMENTS ILLUSTRATIVE

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK



ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	MAC/GJG
DRAWN BY	REM/GJL
CHECKED BY	GJG
APPROVED BY	MAC

ILL-00



DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION

THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING

0 80 160
SCALE: 1" = 80' SCALE IN FEET
ORIGINAL DRAWING SIZE IS 22 x 34

IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

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SCALE: 1" = 80' SCALE IN FEET
ORIGINAL DRAWING SIZE IS 22 x 34

OVERALL EXISTING CONDITIONS PLAN

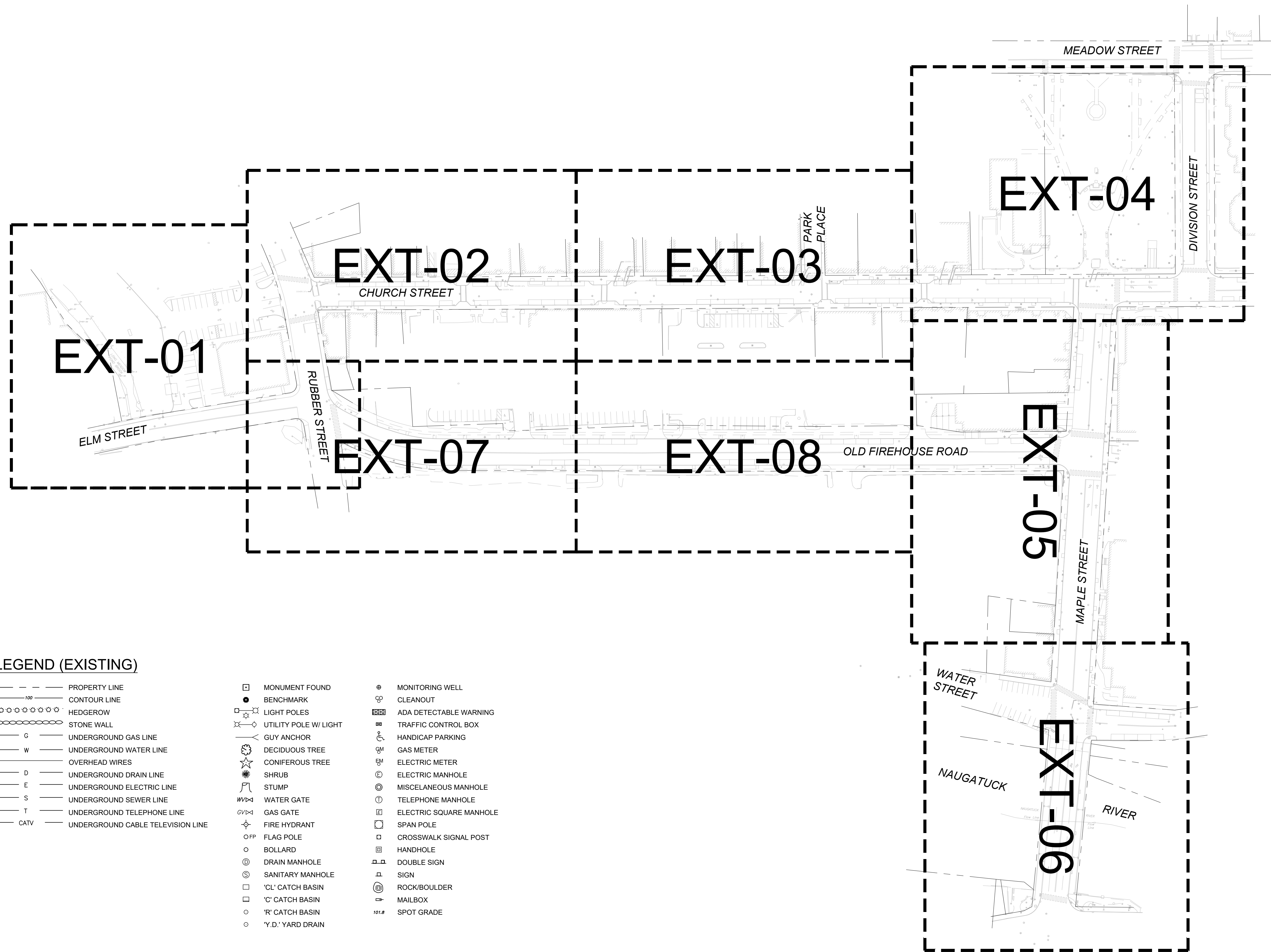
DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A	EXT-00
ISSUE DATE	06/30/2023	
CURRENT REVISION	IFC	
DESIGNED BY	K.VIOLETTE	
DRAWN BY	J.PERKINS	
CHECKED BY	P. KING	
APPROVED BY	N.KULIKAUSKAS	



LEGEND (EXISTING)

- | | | |
|--|--|--|
| <ul style="list-style-type: none"> --- PROPERTY LINE 100 --- CONTOUR LINE ⊛⊛⊛⊛⊛⊛ HEDGEROW ⊙⊙⊙⊙⊙⊙ STONE WALL G --- UNDERGROUND GAS LINE W --- UNDERGROUND WATER LINE --- OVERHEAD WIRES D --- UNDERGROUND DRAIN LINE E --- UNDERGROUND ELECTRIC LINE S --- UNDERGROUND SEWER LINE T --- UNDERGROUND TELEPHONE LINE CATV --- UNDERGROUND CABLE TELEVISION LINE | <ul style="list-style-type: none"> ⊠ MONUMENT FOUND ● BENCHMARK ⊙ LIGHT POLES ⊙ UTILITY POLE W/ LIGHT --- GUY ANCHOR ⊙ DECIDUOUS TREE ⊙ CONIFEROUS TREE ⊙ SHRUB ⊙ STUMP WV--- WATER GATE GV--- GAS GATE ⊙ FIRE HYDRANT ⊙ FLAG POLE ○ BOLLARD ⊙ DRAIN MANHOLE ⊙ SANITARY MANHOLE □ 'CL' CATCH BASIN □ 'C' CATCH BASIN ○ 'R' CATCH BASIN ○ 'Y.D.' YARD DRAIN | <ul style="list-style-type: none"> ⊙ MONITORING WELL ⊙ CLEANOUT ⊙ ADA DETECTABLE WARNING ⊙ TRAFFIC CONTROL BOX ♿ HANDICAP PARKING ⊙ GAS METER ⊙ ELECTRIC METER ⊙ ELECTRIC MANHOLE ⊙ MISCELLANEOUS MANHOLE ⊙ TELEPHONE MANHOLE ⊙ ELECTRIC SQUARE MANHOLE ⊙ SPAN POLE ⊙ CROSSWALK SIGNAL POST ⊙ HANDHOLE ⊙ DOUBLE SIGN ⊙ SIGN ⊙ ROCK/BOULDER ⊙ MAILBOX 101.8 SPOT GRADE |
|--|--|--|

PLOTTED: 6/30/2023 10:07 AM BY: kenneth.madsen
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DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION

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0 20 40
SCALE: 1" = 20' SCALE IN FEET
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EXISTING CONDITIONS PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

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DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

EXT-01



MATCH LINE SEE SHEET EXT-02

MATCH LINE SEE SHEET EXT-07

CAD FILE: C:\pwworking\kleinfelder\proj\20225069\KLEF_Existing_Conditions_Plan.dwg PLOTTED: 6/29/2023 4:56 PM BY: jacqui.perkins LAYOUT: EXT-01



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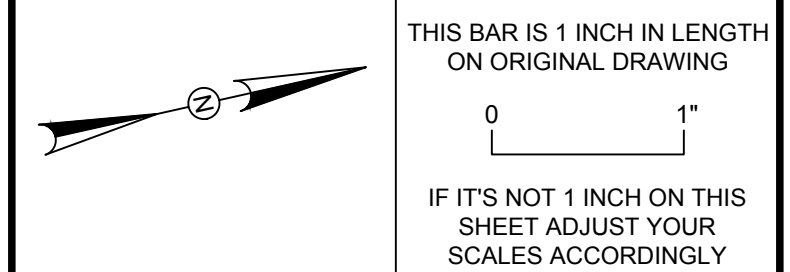
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REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION



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ORIGINAL DRAWING SCALE IS 22 x 34

EXISTING CONDITIONS PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

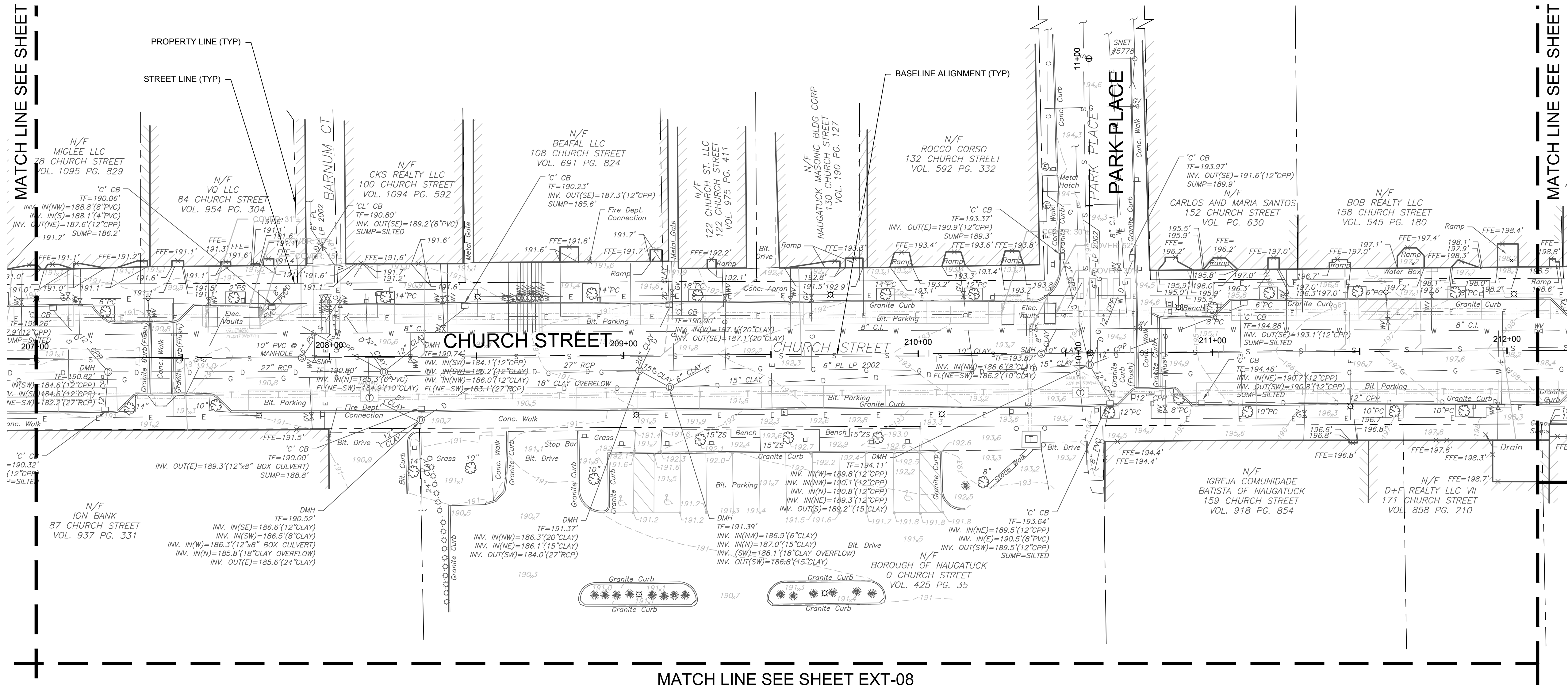
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DESIGNED BY	K.VIOLETTE
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CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

EXT-03

MATCH LINE SEE SHEET EXT-02

MATCH LINE SEE SHEET EXT-04



MATCH LINE SEE SHEET EXT-08



DRAWING ISSUE

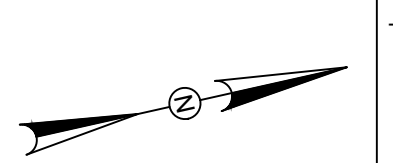
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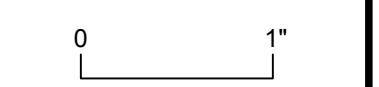
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ISSUED FOR CONSTRUCTION

SCALE VERIFICATION



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DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK

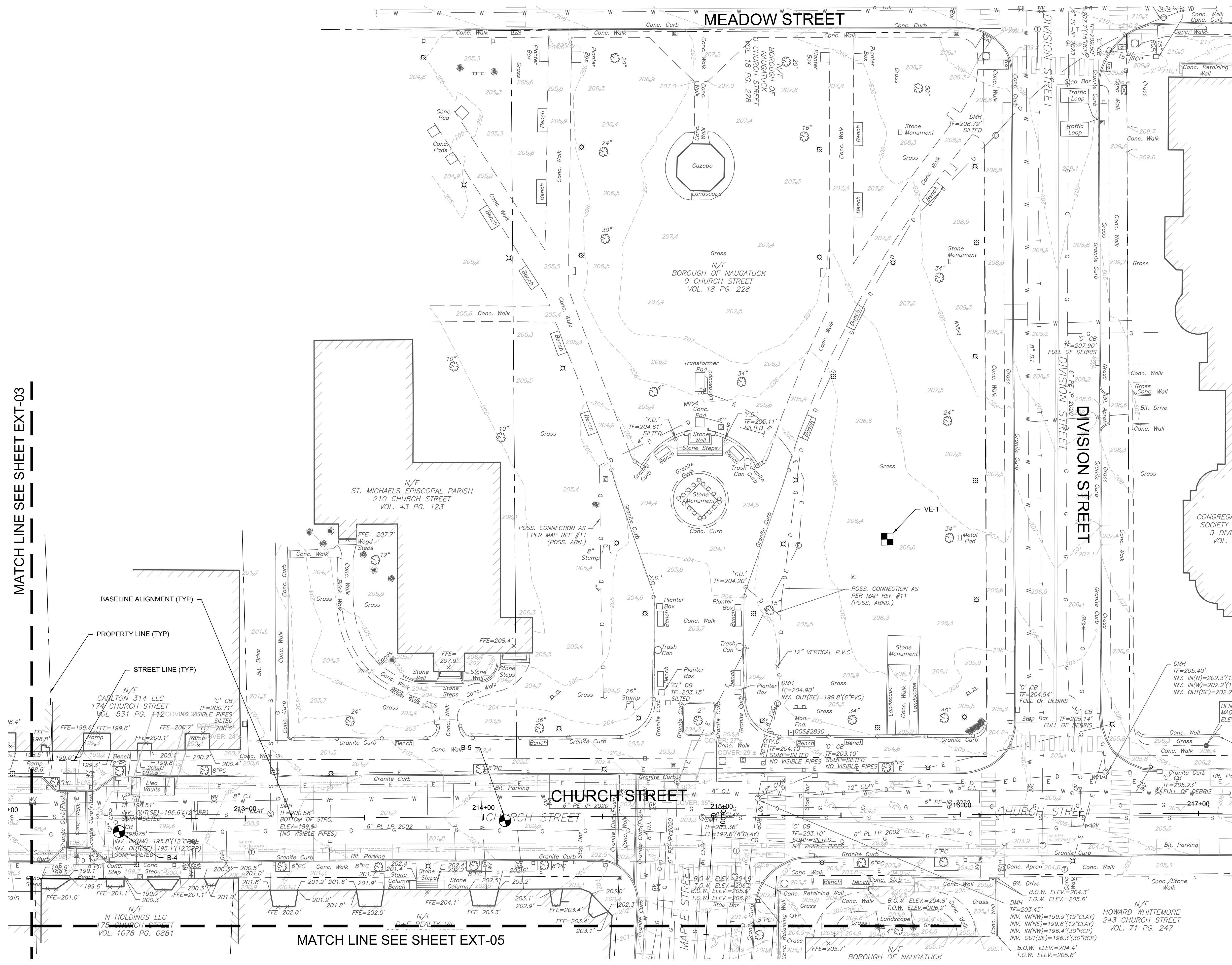


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO. 20225069.002A
ISSUE DATE 06/30/2023
CURRENT REVISION IFC
DESIGNED BY K.VIOLETTE
DRAWN BY J.PERKINS
CHECKED BY P.KING
APPROVED BY N.KULIKAUSKAS

EXT-04



MATCH LINE SEE SHEET EXT-03

MATCH LINE SEE SHEET EXT-05



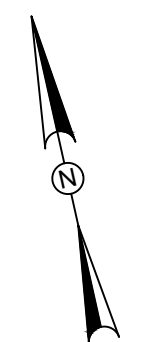
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REV	DESCRIPTION	DATE

REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION



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EXISTING CONDITIONS PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK

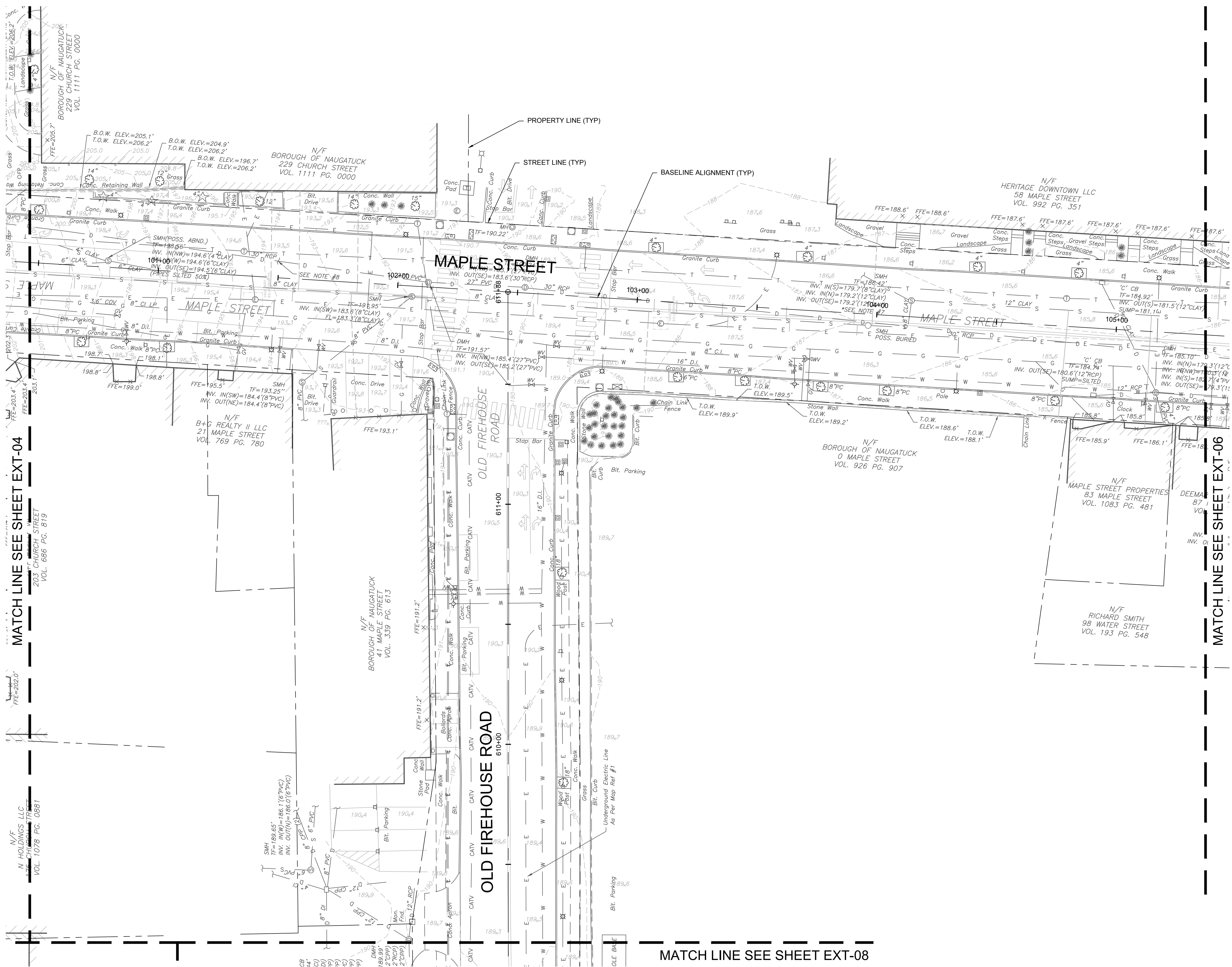


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

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EXT-05





DRAWING ISSUE

REV	DESCRIPTION	DATE

REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

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EXISTING CONDITIONS PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK



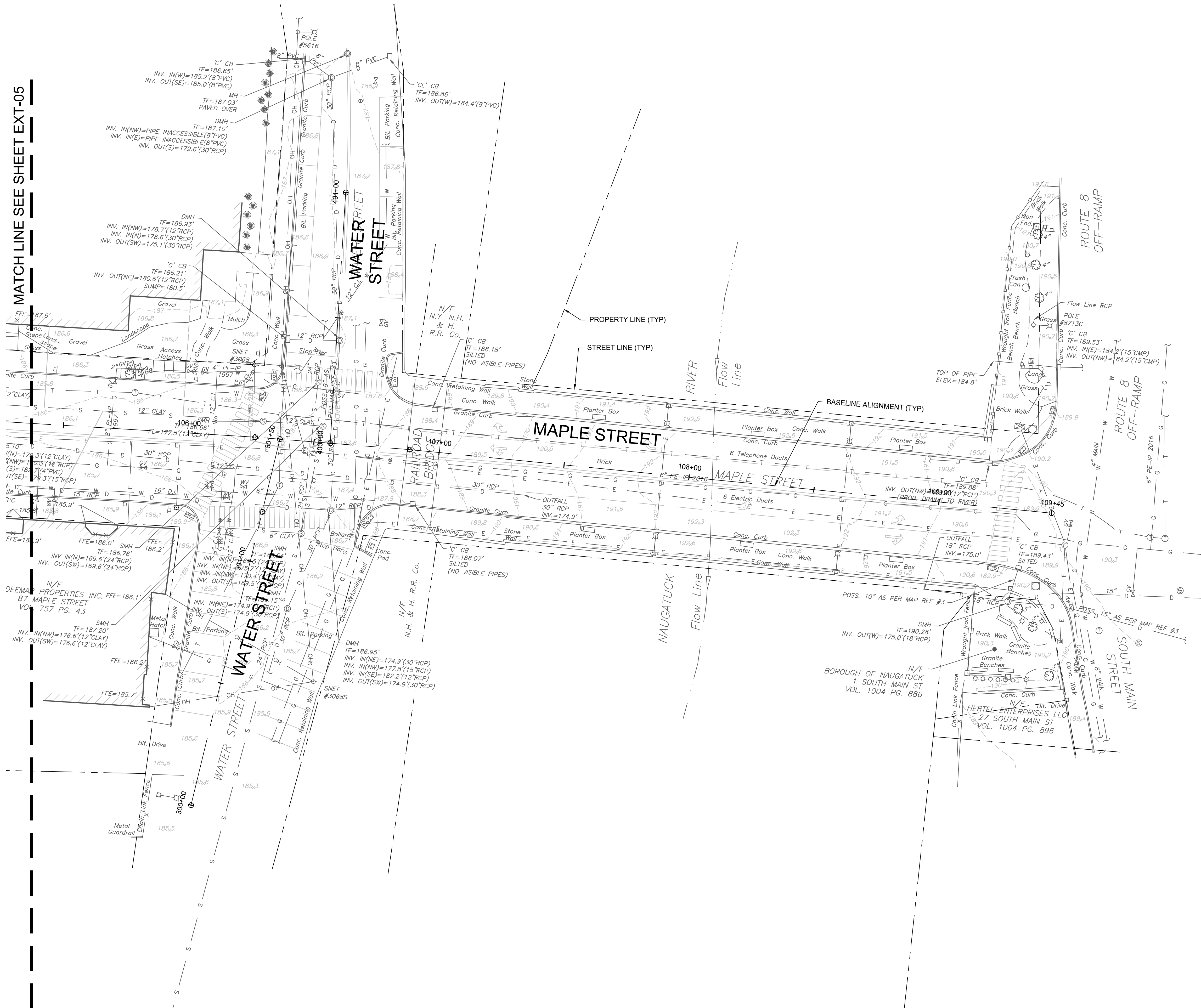
BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

EXT-06

MATCH LINE SEE SHEET EXT-05





DRAWING ISSUE

REV	DESCRIPTION	DATE

REVISIONS

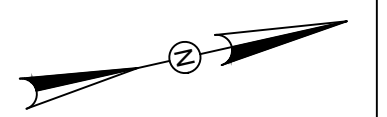
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ISSUED FOR CONSTRUCTION

SCALE VERIFICATION

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ORIGINAL DRAWING SIZE IS 22 x 34

EXISTING CONDITIONS PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK



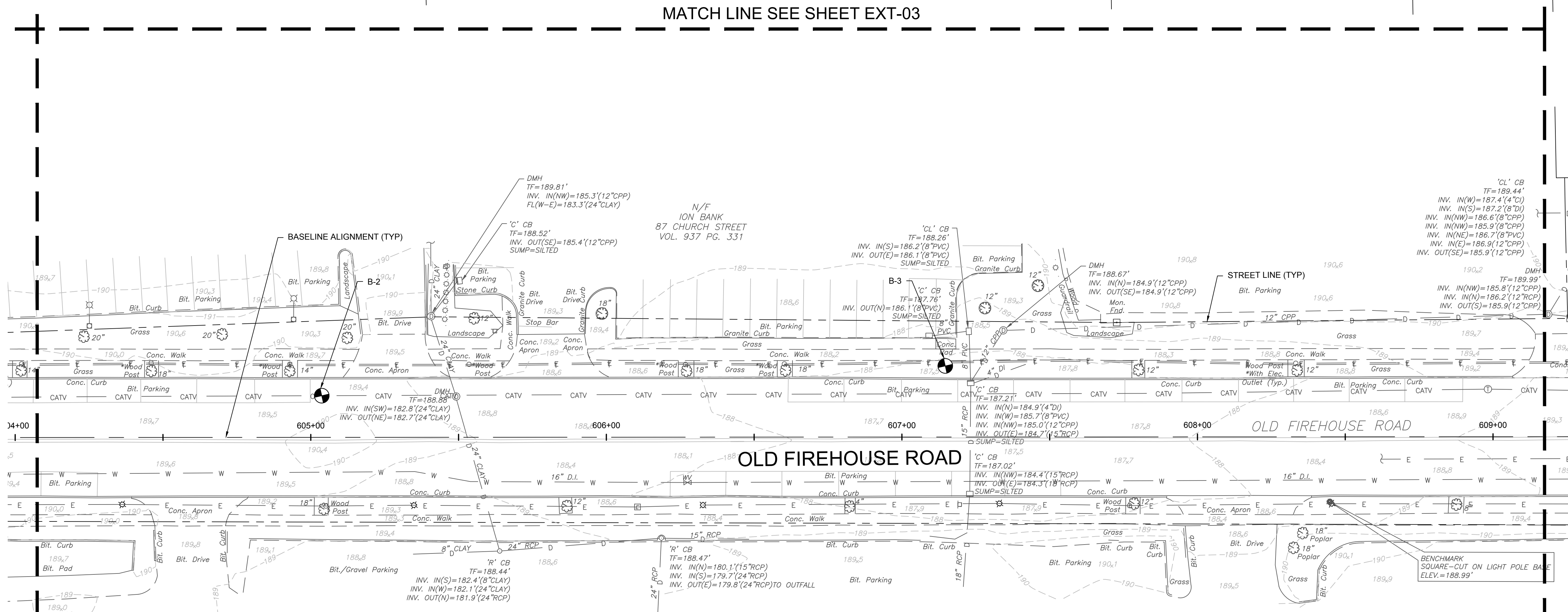
BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

EXT-08

MATCH LINE SEE SHEET EXT-03



MATCH LINE SEE SHEET EXT-07

MATCH LINE SEE SHEET EXT-05



DRAWING ISSUE

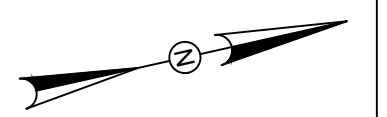
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REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION



THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING



IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

0 40 80
SCALE: 1" = 40' SCALE IN FEET

ORIGINAL DRAWING SIZE IS 22 x 34

EROSION AND SEDIMENTATION CONTROL PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

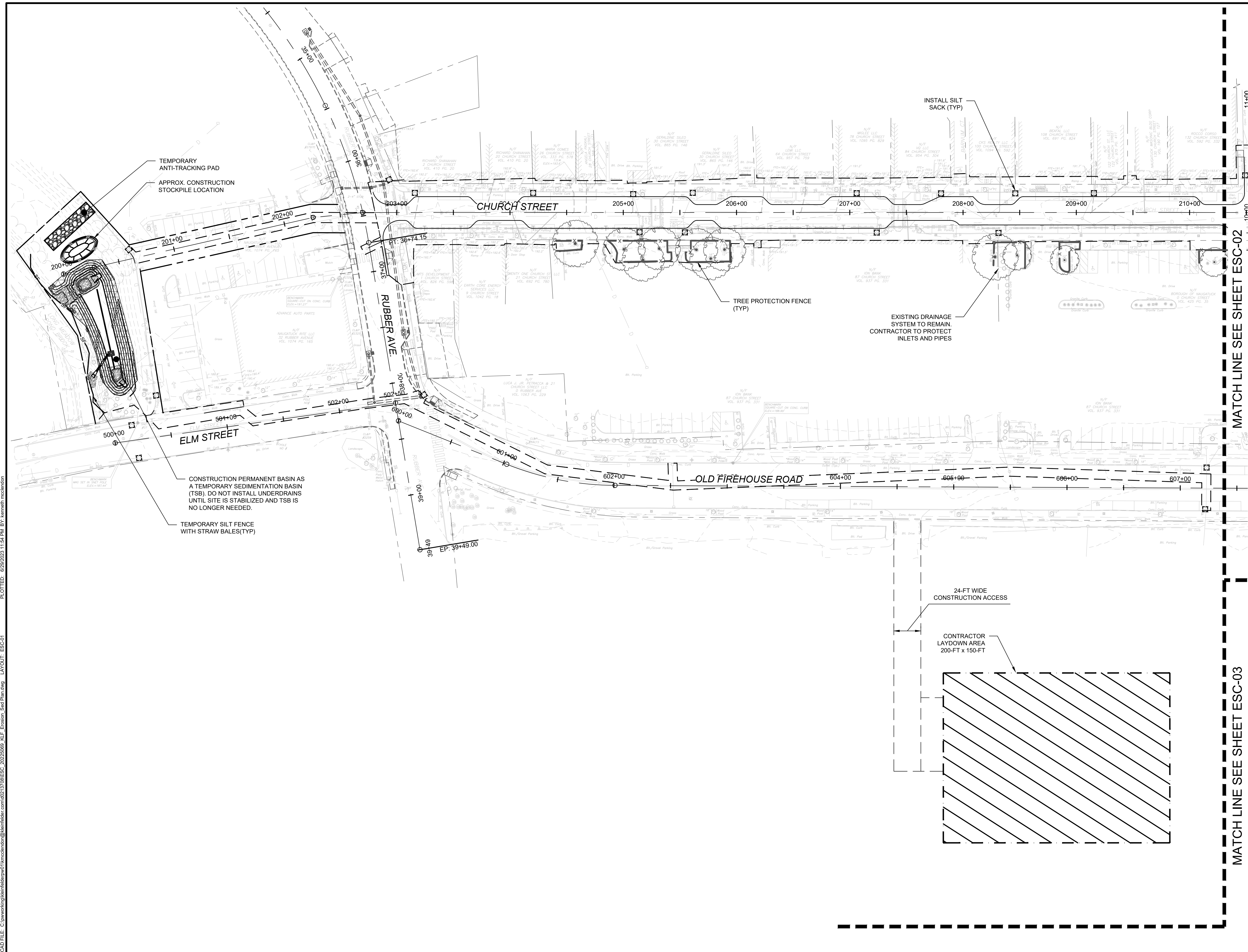


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

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ISSUE DATE	06/30/2023
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DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

ESC-01



PLOTTED: 6/29/2023 11:54 PM BY: kenneth.madsen
 LAYOUT: ESC-01
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DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

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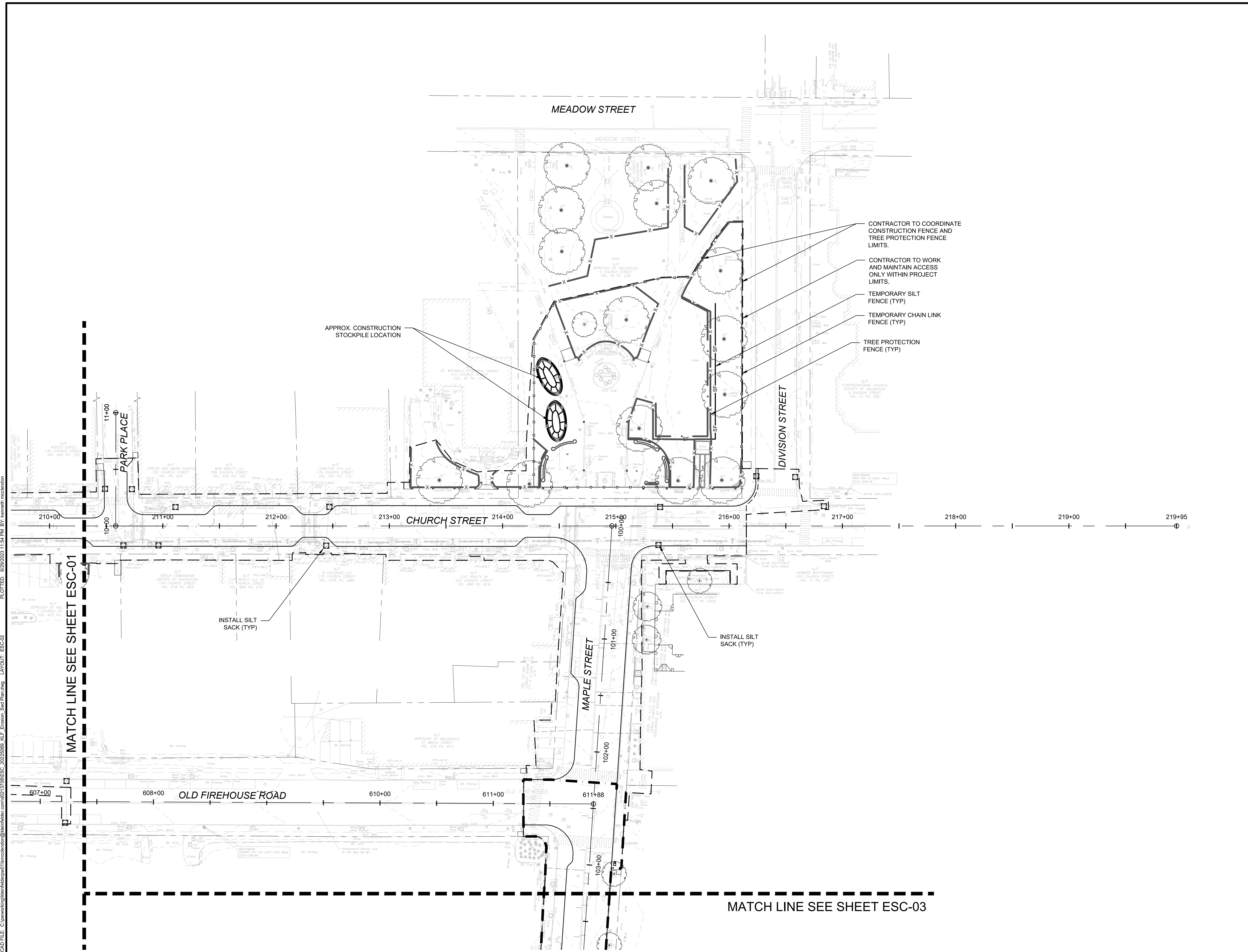
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EROSION AND SEDIMENTATION CONTROL PLAN
DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



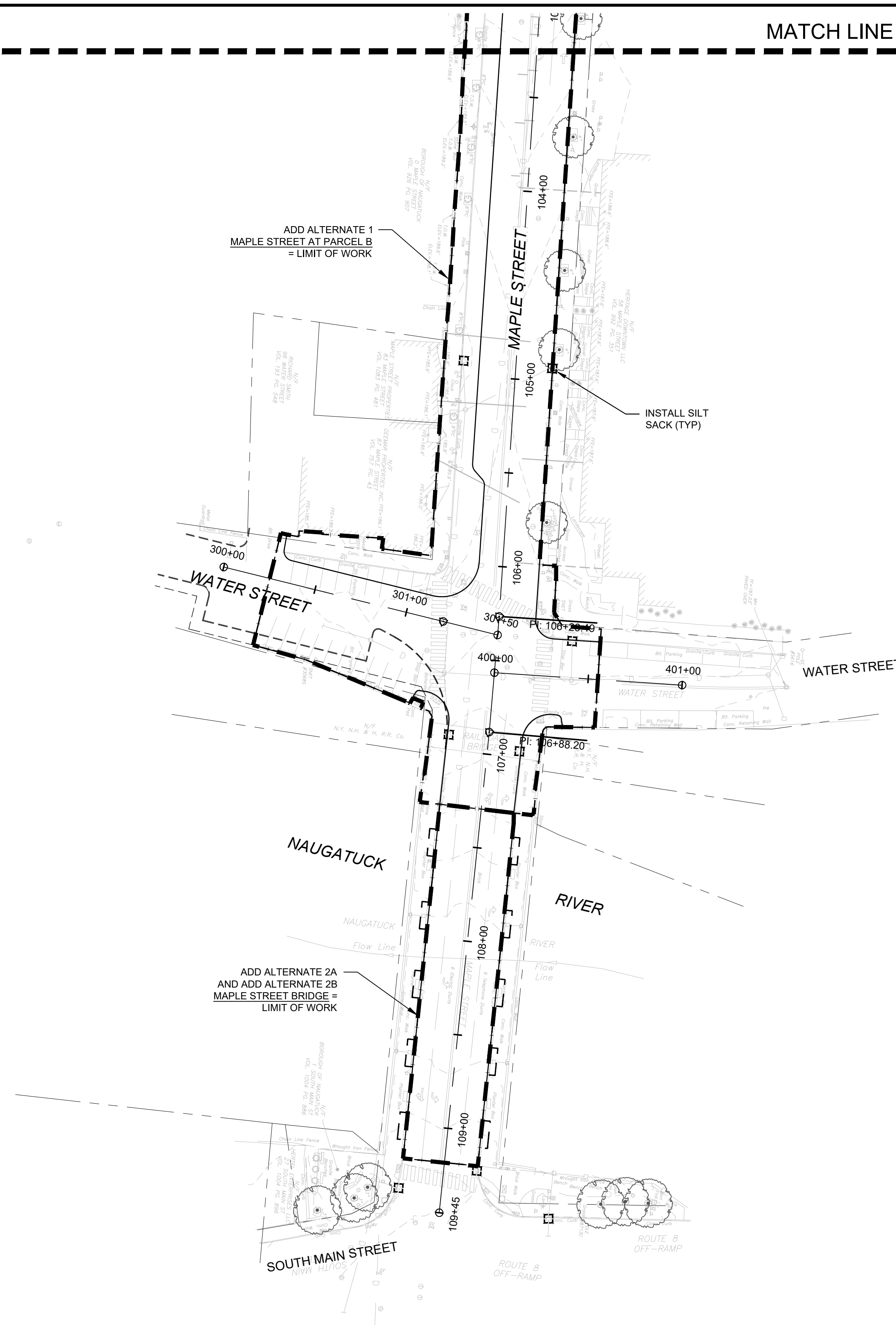
BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION	
PROJECT NO. 20225069.002A	ESC-02
ISSUE DATE 06/30/2023	
CURRENT REVISION IFC	
DESIGNED BY K.VIOLETTE	
DRAWN BY J.PERKINS	
CHECKED BY P. KING	
APPROVED BY N.KULIKAUSKAS	



PLOTTED: 6/29/2023 11:54 PM BY: kenneth.madsen
 CAD FILE: C:\pwworking\kleinfelder\project\20225069_002\ESC-02\20225069_002_Layout_ESC-02.dwg LAYOUT: ESC-02

MATCH LINE SEE SHEET ESC-02



400 Capital Boulevard, Suite 104
 Rocky Hill, CT 06067
 Phone: 860-563-7775
 www.kleinfelder.com

LANDSCAPE ARCHITECT
Richter & Cegan Inc.
 88 CANAL COURT P.O. BOX 567
 AVON, CT 06001
 PHONE: 860-678-0669
 CONTACT NAME: Gary Guimond
 EMAIL: gguimond@richtercegan.com



DRAWING ISSUE

REV	DESCRIPTION	DATE

REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

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EROSION AND SEDIMENTATION CONTROL PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS

BOROUGH OF NAUGATUCK

BOROUGH OF NAUGATUCK
 229 CHURCH STREET
 NAUGATUCK, CT 06770



ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A	ESC-03
ISSUE DATE	06/30/2023	
CURRENT REVISION	IFC	
DESIGNED BY	K.VIOLETTE	
DRAWN BY	J.PERKINS	
CHECKED BY	P. KING	
APPROVED BY	N.KULIKAUSKAS	

CAD FILE: C:\pwworking\kleinfelder\proj\1\mcsd\esc\20225069_002A\ESC-03.dwg LAYOUT: ESC-03 PLOTTED: 6/29/2023 11:54 PM BY: kenneth.madsen



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REV	DESCRIPTION	DATE

REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

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0 80 160
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STREETSCAPE TREE PRESERVATION INDEX PLAN
DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

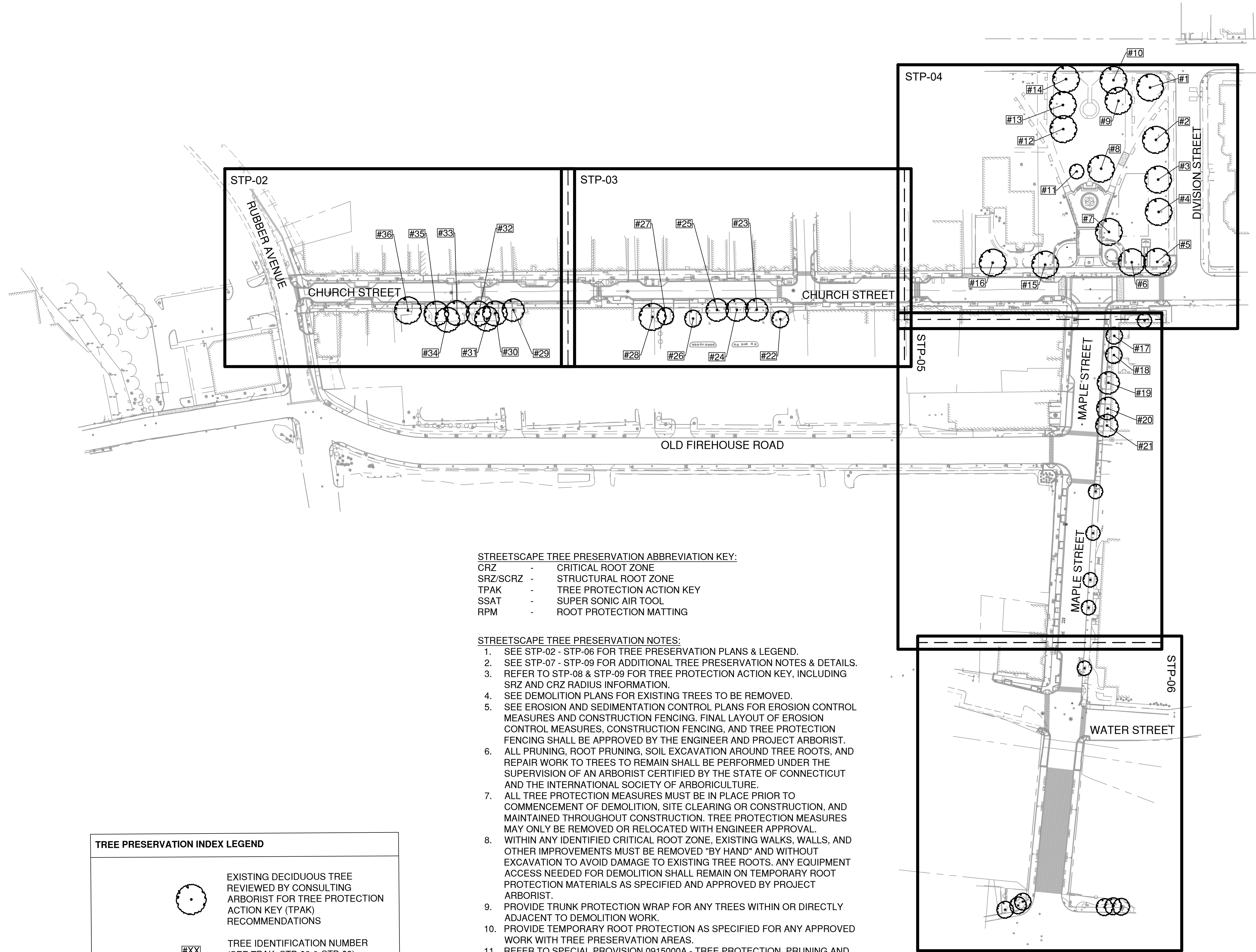


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	MAC/GJG
DRAWN BY	REM/GJL
CHECKED BY	GJG
APPROVED BY	MAC

STP-00



STREETSCAPE TREE PRESERVATION ABBREVIATION KEY:

- CRZ - CRITICAL ROOT ZONE
- SRZ/SCRZ - STRUCTURAL ROOT ZONE
- TPAK - TREE PROTECTION ACTION KEY
- SSAT - SUPER SONIC AIR TOOL
- RPM - ROOT PROTECTION MATTING

STREETSCAPE TREE PRESERVATION NOTES:

1. SEE STP-02 - STP-06 FOR TREE PRESERVATION PLANS & LEGEND.
2. SEE STP-07 - STP-09 FOR ADDITIONAL TREE PRESERVATION NOTES & DETAILS.
3. REFER TO STP-08 & STP-09 FOR TREE PROTECTION ACTION KEY, INCLUDING SRZ AND CRZ RADIUS INFORMATION.
4. SEE DEMOLITION PLANS FOR EXISTING TREES TO BE REMOVED.
5. SEE EROSION AND SEDIMENTATION CONTROL PLANS FOR EROSION CONTROL MEASURES AND CONSTRUCTION FENCING. FINAL LAYOUT OF EROSION CONTROL MEASURES, CONSTRUCTION FENCING, AND TREE PROTECTION FENCING SHALL BE APPROVED BY THE ENGINEER AND PROJECT ARBORIST.
6. ALL PRUNING, ROOT PRUNING, SOIL EXCAVATION AROUND TREE ROOTS, AND REPAIR WORK TO TREES TO REMAIN SHALL BE PERFORMED UNDER THE SUPERVISION OF AN ARBORIST CERTIFIED BY THE STATE OF CONNECTICUT AND THE INTERNATIONAL SOCIETY OF ARBORICULTURE.
7. ALL TREE PROTECTION MEASURES MUST BE IN PLACE PRIOR TO COMMENCEMENT OF DEMOLITION, SITE CLEARING OR CONSTRUCTION, AND MAINTAINED THROUGHOUT CONSTRUCTION. TREE PROTECTION MEASURES MAY ONLY BE REMOVED OR RELOCATED WITH ENGINEER APPROVAL.
8. WITHIN ANY IDENTIFIED CRITICAL ROOT ZONE, EXISTING WALKS, WALLS, AND OTHER IMPROVEMENTS MUST BE REMOVED "BY HAND" AND WITHOUT EXCAVATION TO AVOID DAMAGE TO EXISTING TREE ROOTS. ANY EQUIPMENT ACCESS NEEDED FOR DEMOLITION SHALL REMAIN ON TEMPORARY ROOT PROTECTION MATERIALS AS SPECIFIED AND APPROVED BY PROJECT ARBORIST.
9. PROVIDE TRUNK PROTECTION WRAP FOR ANY TREES WITHIN OR DIRECTLY ADJACENT TO DEMOLITION WORK.
10. PROVIDE TEMPORARY ROOT PROTECTION AS SPECIFIED FOR ANY APPROVED WORK WITH TREE PRESERVATION AREAS.
11. REFER TO SPECIAL PROVISION 0915000A - TREE PROTECTION, PRUNING AND TRIMMING FOR ADDITIONAL INFORMATION.

TREE PRESERVATION INDEX LEGEND

	EXISTING DECIDUOUS TREE REVIEWED BY CONSULTING ARBORIST FOR TREE PROTECTION ACTION KEY (TPAK) RECOMMENDATIONS
	TREE IDENTIFICATION NUMBER (SEE TPAK; STP-08 & STP-09)



DRAWING ISSUE

REV	DESCRIPTION	DATE

REVISIONS

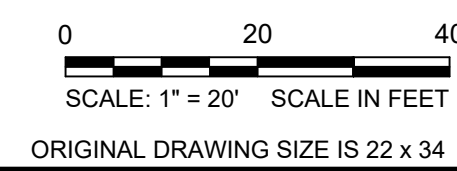
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ISSUED FOR CONSTRUCTION

SCALE VERIFICATION

THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING

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STREETSCAPE TREE PRESERVATION PLAN
DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

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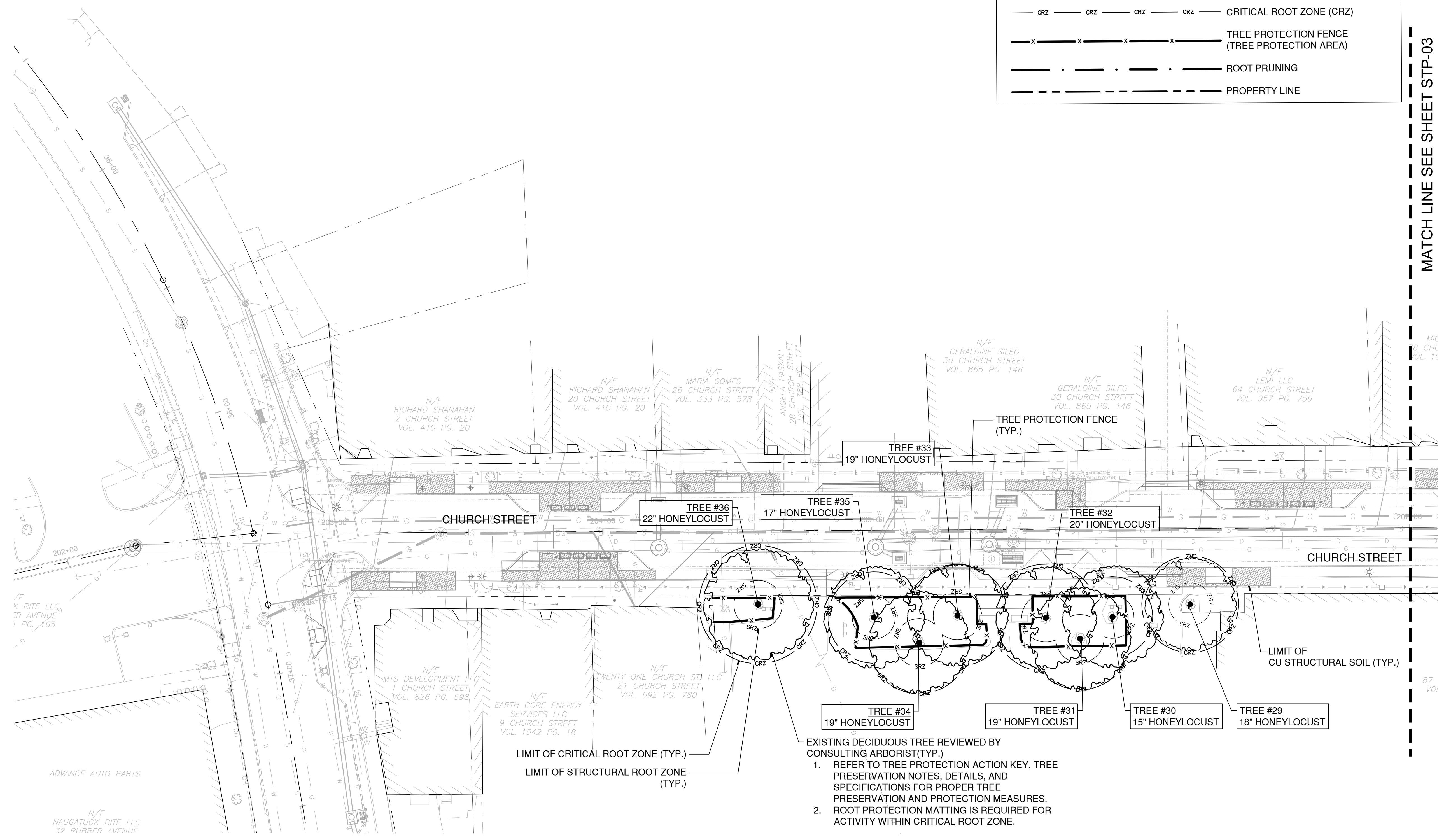
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ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	MAC/GJG
DRAWN BY	REM/GJL
CHECKED BY	GJG
APPROVED BY	MAC

STP-02

TREE PRESERVATION LEGEND

- EXISTING DECIDUOUS TREE REVIEWED BY CONSULTING ARBORIST FOR TREE PROTECTION ACTION KEY (TPAK) RECOMMENDATIONS
- SRZ STRUCTURAL ROOT ZONE (SRZ)
- CRZ CRITICAL ROOT ZONE (CRZ)
- TREE PROTECTION FENCE (TREE PROTECTION AREA)
- ROOT PRUNING
- PROPERTY LINE

MATCH LINE SEE SHEET STP-03



- EXISTING DECIDUOUS TREE REVIEWED BY CONSULTING ARBORIST (TYP.)
- REFER TO TREE PROTECTION ACTION KEY, TREE PRESERVATION NOTES, DETAILS, AND SPECIFICATIONS FOR PROPER TREE PRESERVATION AND PROTECTION MEASURES.
 - ROOT PROTECTION MATTING IS REQUIRED FOR ACTIVITY WITHIN CRITICAL ROOT ZONE.

- NOTES:
- SEE STP-00 FOR TREE PRESERVATION NOTES AND ABBREVIATION KEY.
 - SEE STP-07 FOR TREE PRESERVATION DETAILS.
 - SEE STP-08 & STP-09 FOR ADDITIONAL NOTES AND TREE PROTECTION ACTION KEY.

CAD FILE: W:\2022\21\CONDO\Main\2023\STP-02.dwg LAYOUT: STP-02 PLOTTED: 6/29/2023 3:38 PM BY: rachel e. maher



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IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

0 20 40
SCALE: 1" = 20' SCALE IN FEET
ORIGINAL DRAWING SIZE IS 22 x 34

STREETSCAPE TREE PRESERVATION PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



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STP-03

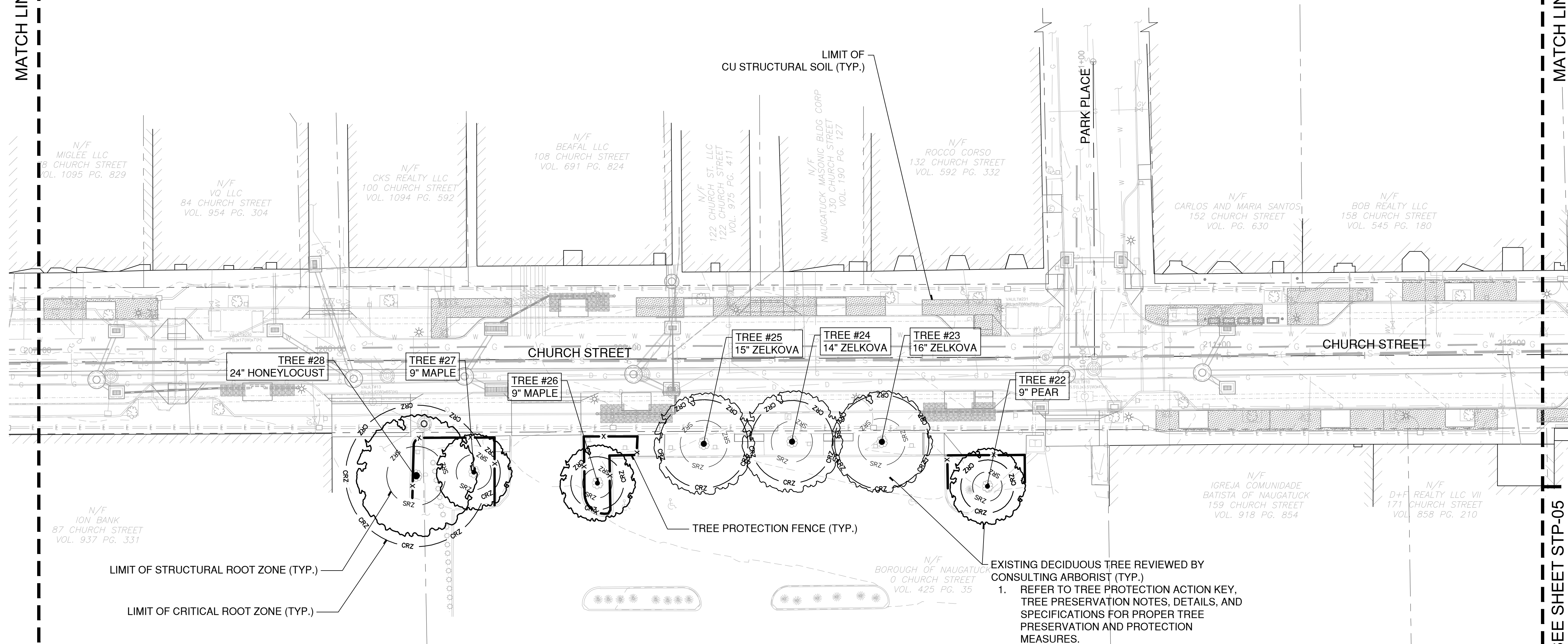
NOTES:

- SEE STP-00 FOR TREE PRESERVATION NOTES AND ABBREVIATION KEY.
- SEE STP-02 FOR TREE PRESERVATION LEGEND.
- SEE STP-07 FOR TREE PRESERVATION DETAILS.
- SEE STP-08 & STP-09 FOR ADDITIONAL NOTES AND TREE PROTECTION ACTION KEY.

MATCH LINE SEE SHEET STP-02

MATCH LINE SEE SHEET STP-04

MATCH LINE SEE SHEET STP-05



LANDSCAPE ARCHITECT
Richter & Cegan Inc.
88 CANAL COURT P.O. BOX 567
AVON, CT 06001
PHONE: 860-678-0669
CONTACT NAME: Gary Guimond
EMAIL: gguimond@richtercegan.com



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STREETSCAPE TREE PRESERVATION PLAN
DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



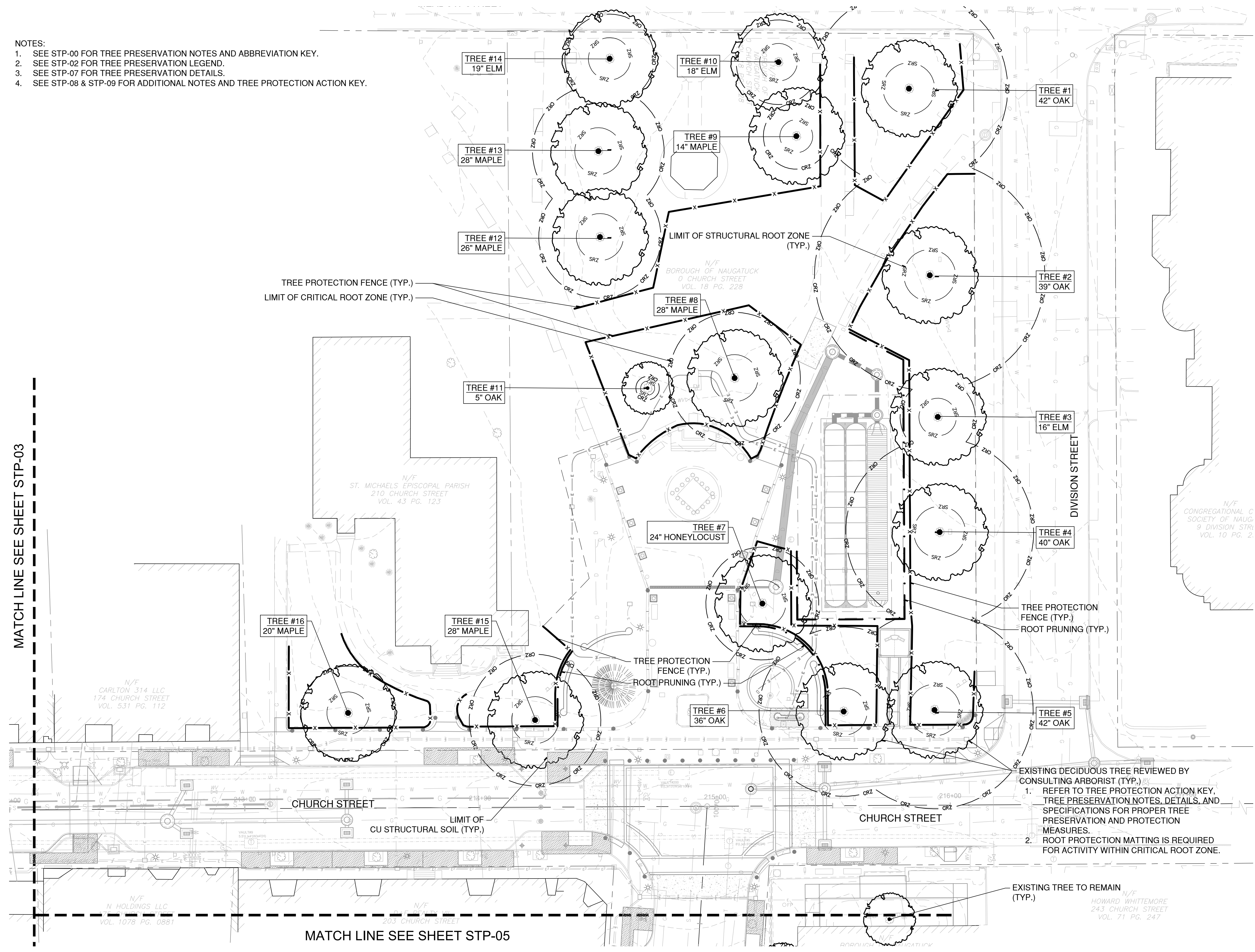
BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

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STP-04

- NOTES:
- SEE STP-00 FOR TREE PRESERVATION NOTES AND ABBREVIATION KEY.
 - SEE STP-02 FOR TREE PRESERVATION LEGEND.
 - SEE STP-07 FOR TREE PRESERVATION DETAILS.
 - SEE STP-08 & STP-09 FOR ADDITIONAL NOTES AND TREE PROTECTION ACTION KEY.



MATCH LINE SEE SHEET STP-03

MATCH LINE SEE SHEET STP-05

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LAYOUT: STP-04.dwg
CAD FILE: W:\2022\21\CONDO\CHM\2023\STP-04.dwg



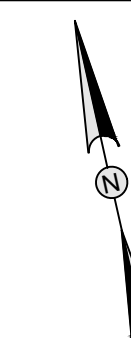
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REVISIONS

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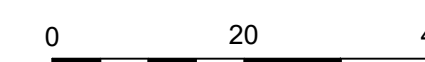


SCALE VERIFICATION

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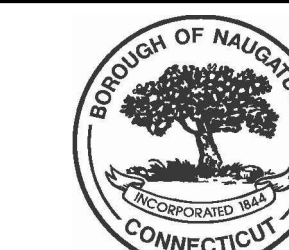


SCALE: 1" = 20' SCALE IN FEET

ORIGINAL DRAWING SIZE IS 22 x 34

STREETSCAPE TREE PRESERVATION PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
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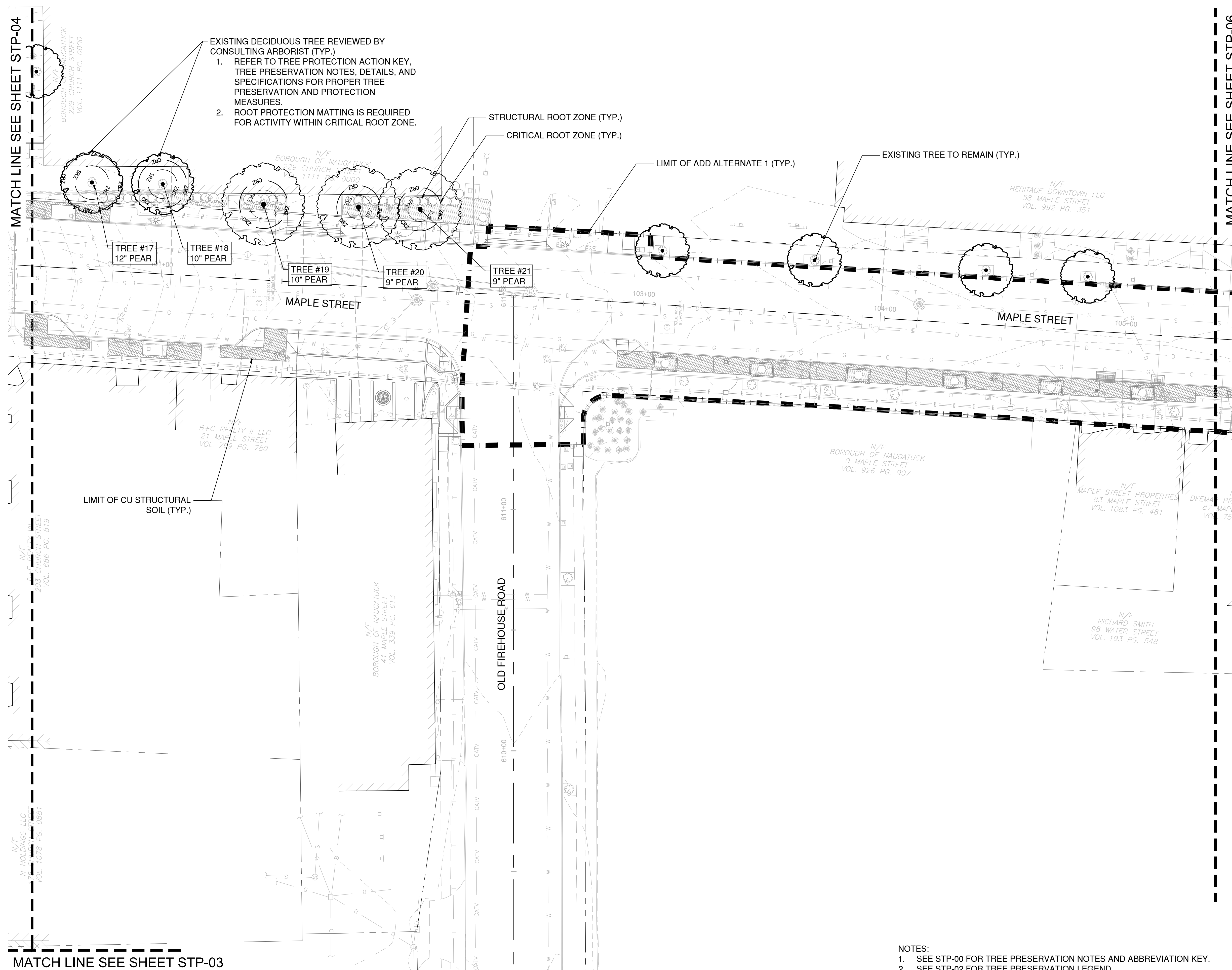
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STP-05

NOTES:

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- SEE STP-02 FOR TREE PRESERVATION LEGEND.
- SEE STP-07 FOR TREE PRESERVATION DETAILS.
- SEE STP-08 & STP-09 FOR ADDITIONAL NOTES AND TREE PROTECTION ACTION KEY.



MATCH LINE SEE SHEET STP-04

MATCH LINE SEE SHEET STP-06

MATCH LINE SEE SHEET STP-03



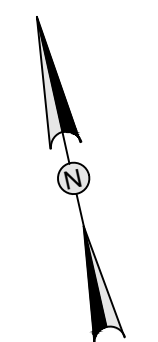
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REVISIONS

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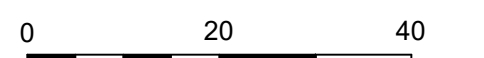


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STREETSCAPE TREE PRESERVATION PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

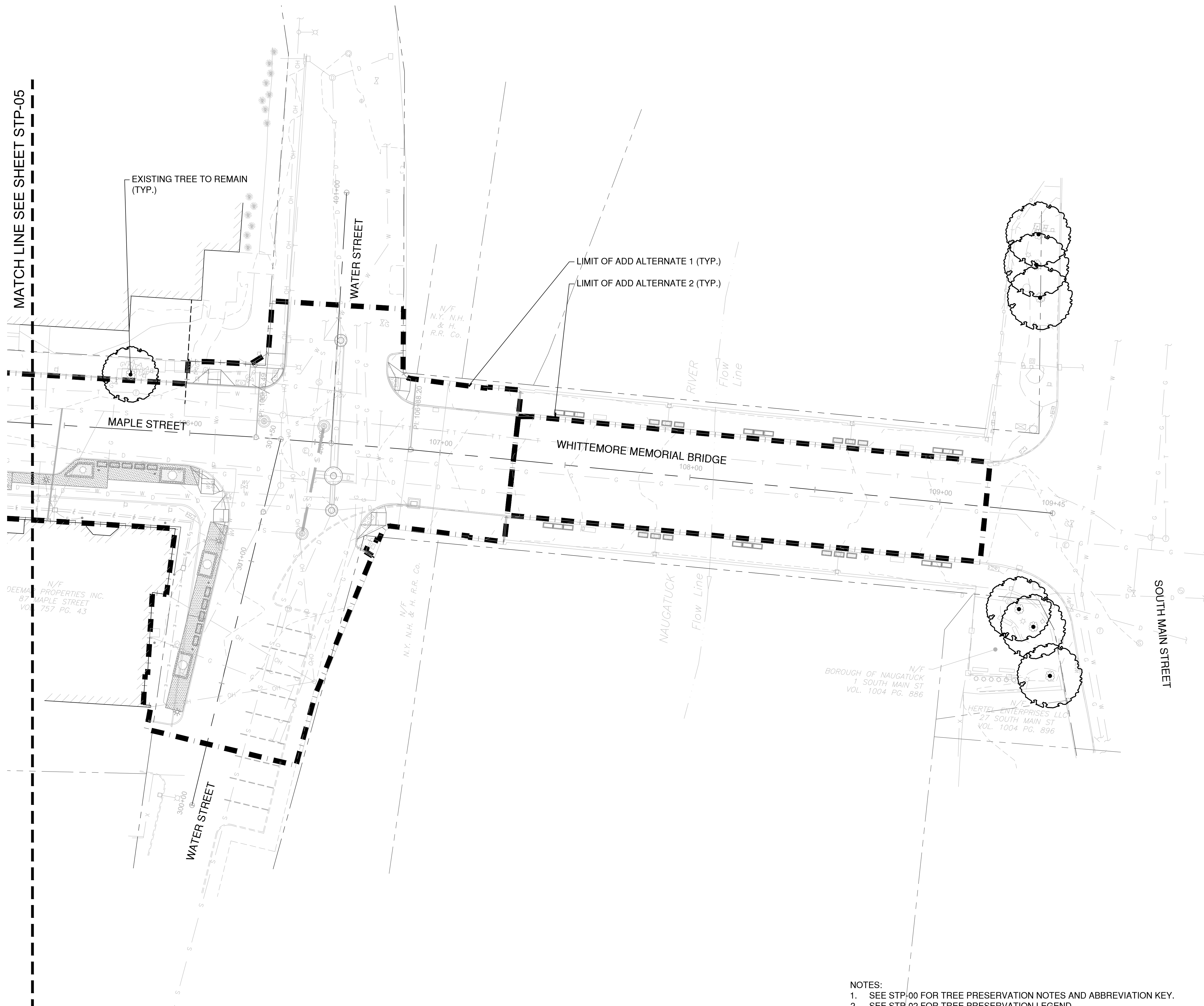
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STP-06

NOTES:

- SEE STP-00 FOR TREE PRESERVATION NOTES AND ABBREVIATION KEY.
- SEE STP-02 FOR TREE PRESERVATION LEGEND.
- SEE STP-07 FOR TREE PRESERVATION DETAILS.
- SEE STP-08 & STP-09 FOR ADDITIONAL NOTES AND TREE PROTECTION ACTION KEY.





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SCALE VERIFICATION
THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING
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ORIGINAL DRAWING SIZE IS 22 x 34

STREETSCAPE TREE PRESERVATION DETAILS
DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

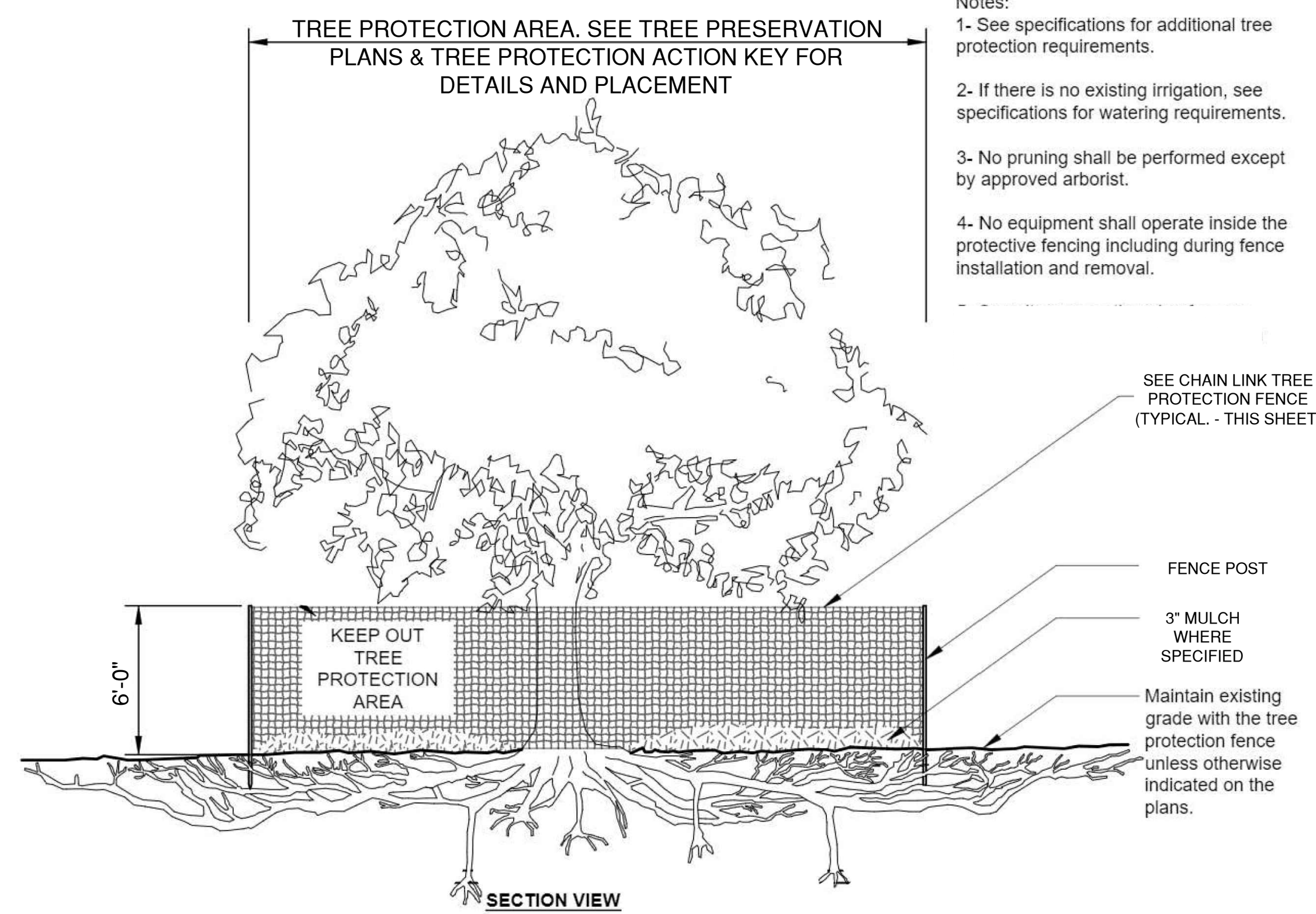


BOROUGH OF NAUGATUCK
229 CHURCH STREET
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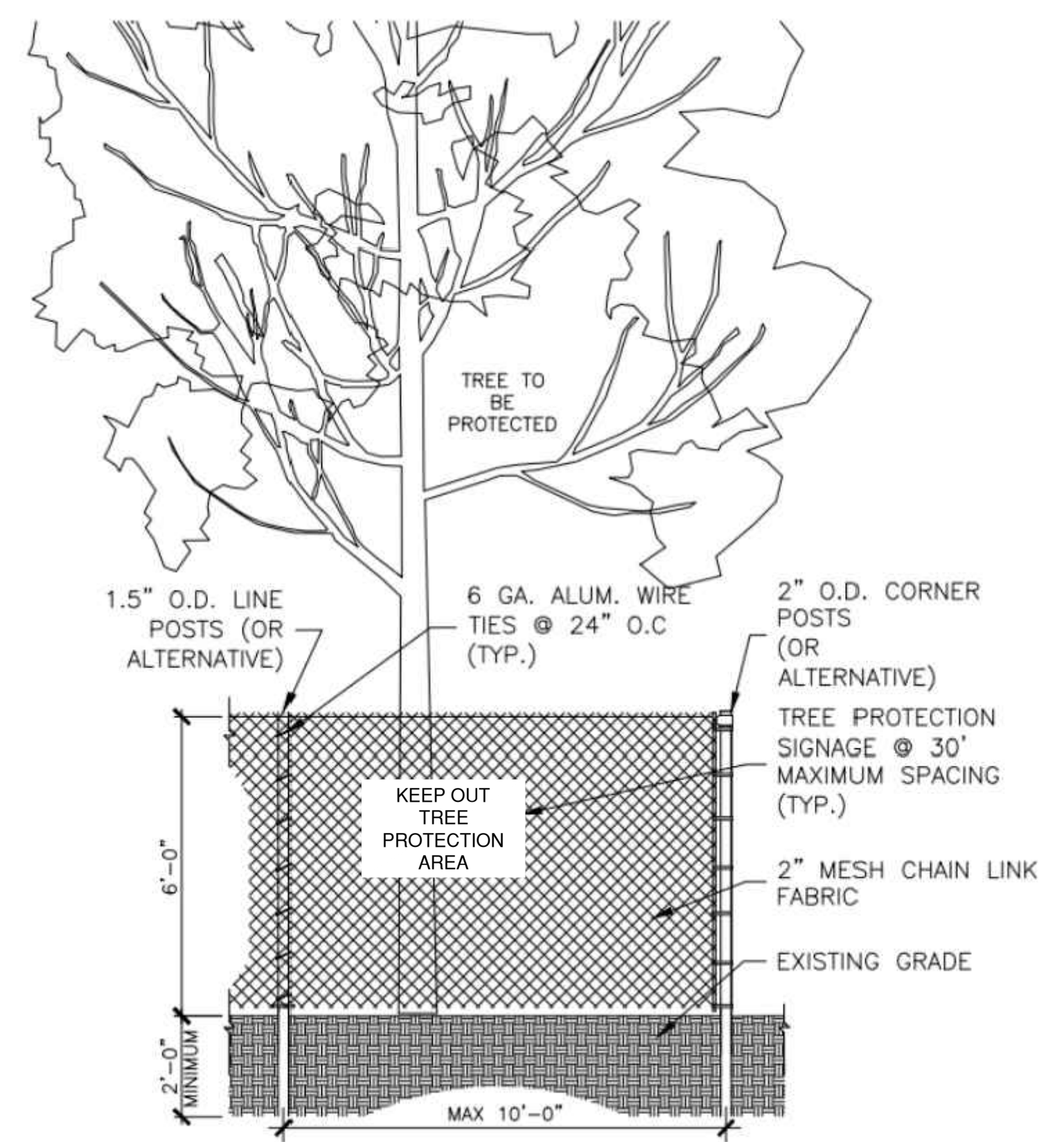
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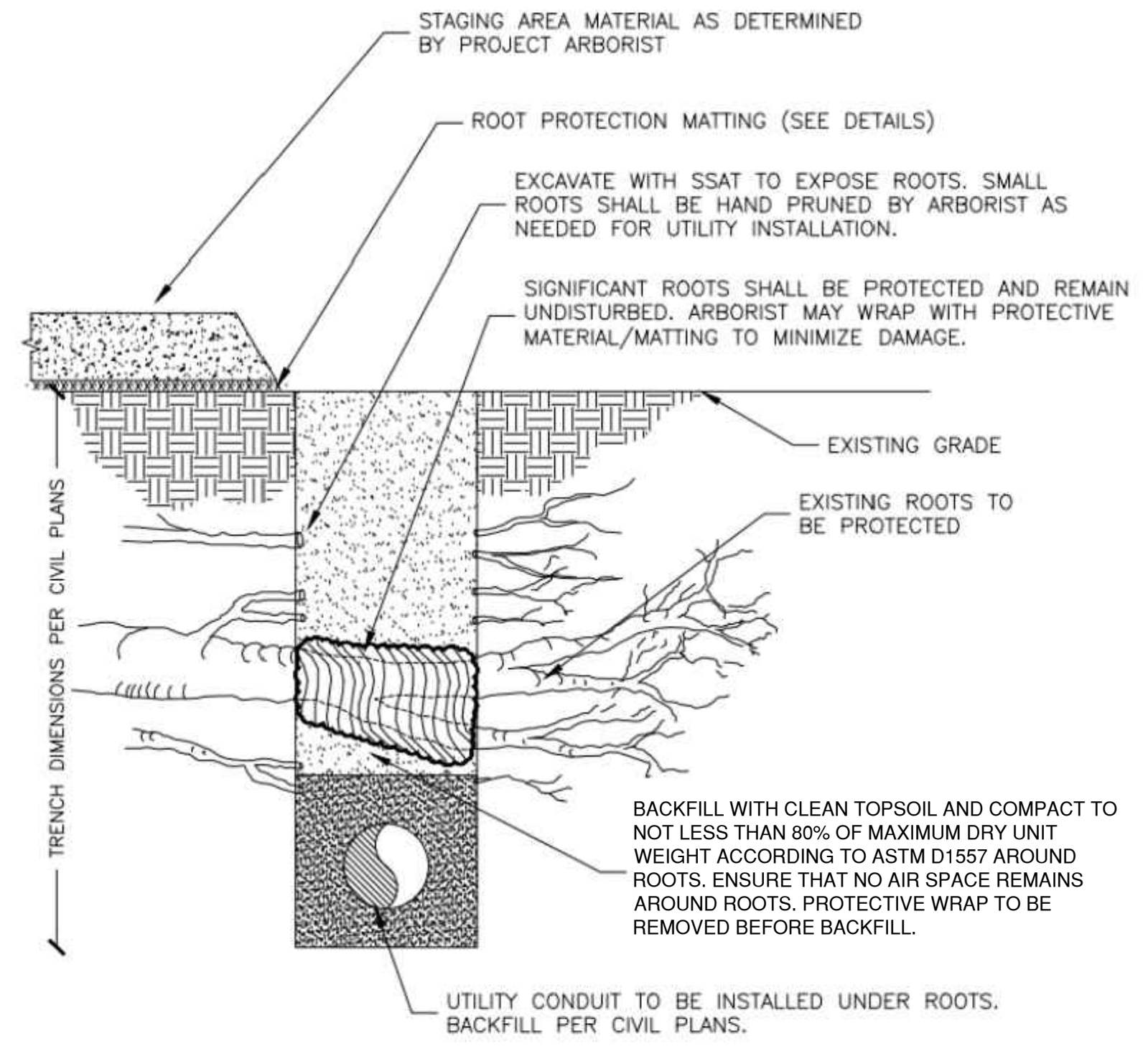
STP-07



2 TEMPORARY TREE PROTECTION FENCE
SCALE: N.T.S.

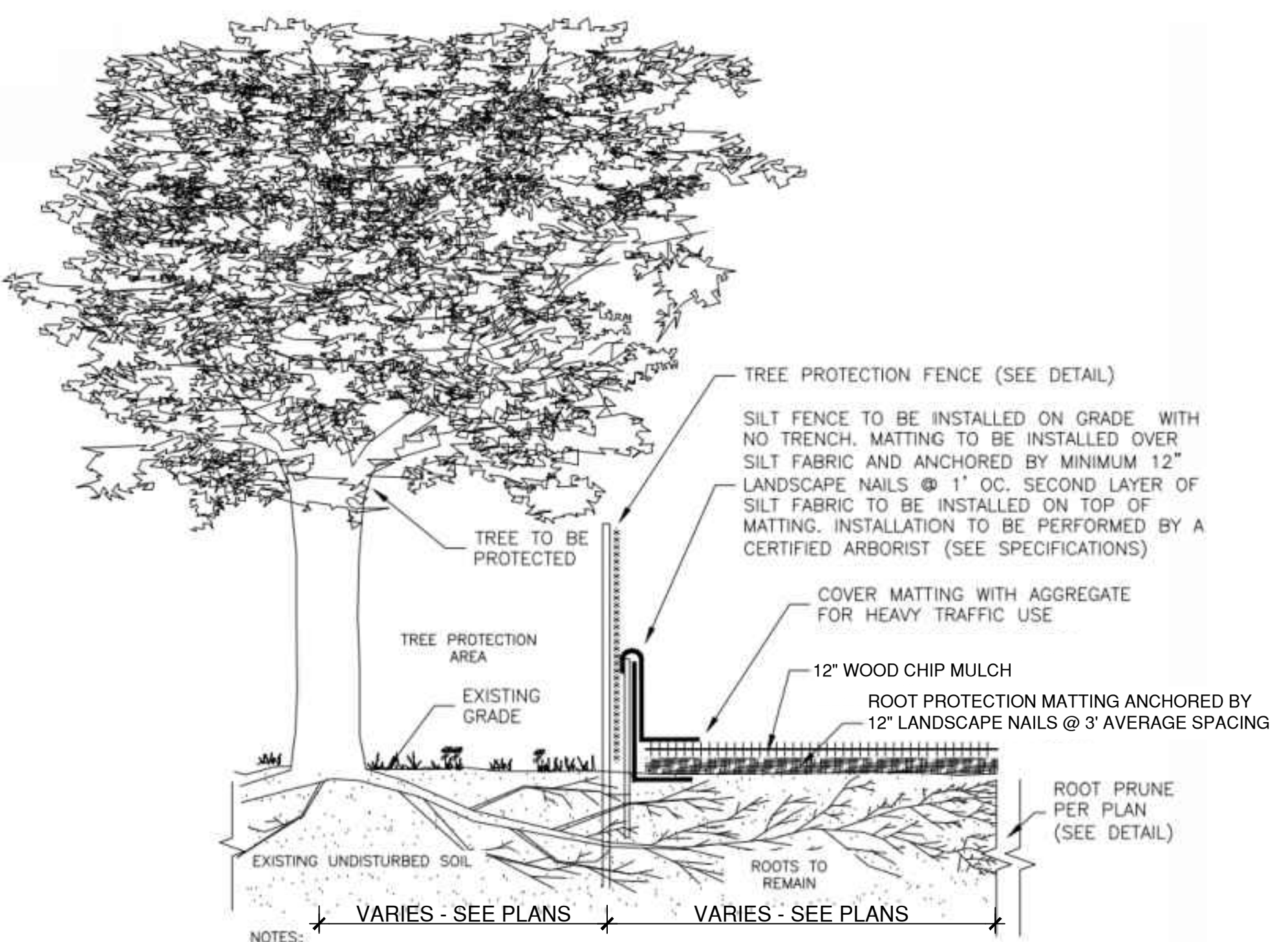


1 CHAIN LINK TREE PROTECTION FENCE (TYPICAL)
SCALE: NTS

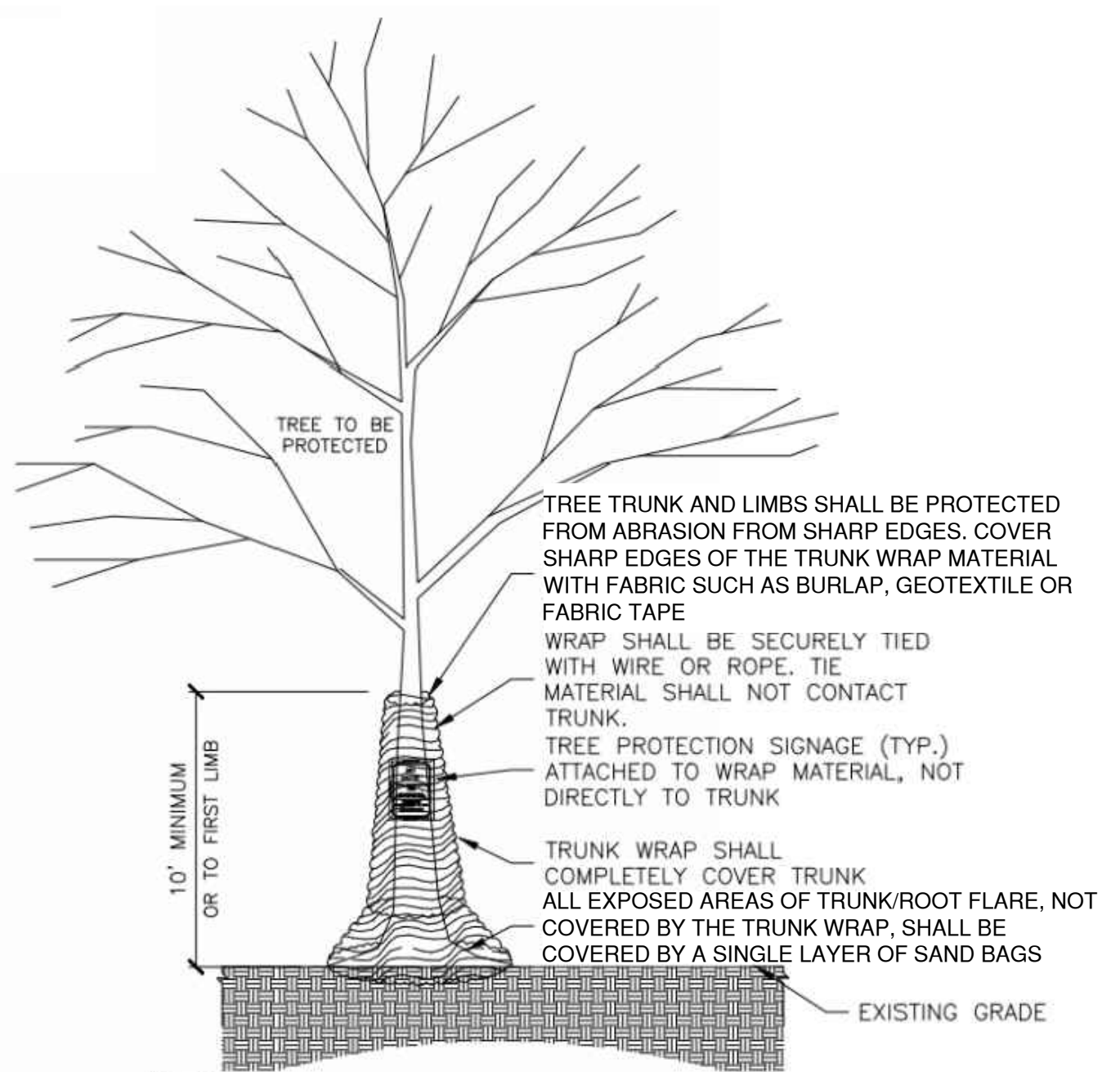


NOTE: THIS DETAIL PERTAINS TO UTILITY TRENCHING WITHIN ANY TREE PROTECTION AREAS AND CRITICAL ROOT ZONES. ALL ROOTS ENCOUNTERED SHALL BE REVIEWED ON A CASE-BY-CASE BASIS BY THE CONTRACT ARBORIST.

5 ROOT PROTECTION IN UTILITY TRENCH
SCALE: NTS



3 TEMPORARY ROOT PROTECTION MATTING (TYPICAL)
SCALE: NTS



4 TREE TRUNK & LIMB PROTECTION WRAP (TYP)
SCALE: NTS

CADD FILE: W:\2020\21\CONDO\CHM\2021\STP-07.dwg LAYOUT: STP-07.dwg PLOTTED: 6/29/2023 3:38 PM BY: rachel.e.maher

Tree #	DBH (Diameter at 4.5 feet above grade)	Common Name	Botanical Name	Condition Rating %	Condition Rating	Approx. Canopy Radius (F')	Approx. Tree Height (FT)	Number of Stems	SCRZ Standard Critical Root Zone (radius) (F' Feet)	CRZ Critical Root Zone Radius in FT (Inherent Code) Priority (1-4)	Tree level of concern	Tree level of concern	Removal	Recommended Preservation Measures													Comments	Additional Notes	Condition Notes							
														Removal By Aesthetic	Root Prune	Tree Protection Fence	Mulch	Year 1 Soil Care	Year 2 Soil Care	Year 3-5 Soil Care	Soil Restoration/Aeration	Tree Growth Regulator	Tree Condition Inspections	Watering	Temp. Root Protection Muff	Root Aeration Matting				Construction Zoning/Utility Conf. Req.	Support Cable	Trunk Protection	Canopy Prune			
31	19	honeylocust	Gleditsia triacanthos	50	Fair	11	50	1	9.0	19	0	moderate	50.00		X		X																		Arboretal oversight is required during the demolition of the sidewalk to apply BMP for roots encountered.	Narrow Crown, Small DW (1-2'), Compacted Soils, Suppressed, Stressed,
32	20	honeylocust	Gleditsia triacanthos	50	Fair	9	50	1	9.0	20	0	moderate	50.00		X		X																		Arboretal oversight is required during the demolition of the sidewalk to apply BMP for roots encountered.	Narrow Crown, Small DW (1-2'), Compacted Soils, Suppressed, Stressed,
33	19	honeylocust	Gleditsia triacanthos	50	Fair	8	50	1	9.0	19	0	moderate	50.00		X		X																		Arboretal oversight is required during the demolition of the sidewalk to apply BMP for roots encountered.	Narrow Crown, Small DW (1-2'), Compacted Soils, Suppressed, Stressed,
34	19	honeylocust	Gleditsia triacanthos	50	Fair	8	50	1	9.0	19	0	moderate	50.00		X		X																		Arboretal oversight is required during the demolition of the sidewalk to apply BMP for roots encountered.	Narrow Crown, Small DW (1-2'), Compacted Soils, Suppressed, Stressed,
35	17	honeylocust	Gleditsia triacanthos	50	Fair	8	50	1	8.0	17	0	moderate	50.00		X		X																		Arboretal oversight is required during the demolition of the sidewalk to apply BMP for roots encountered.	Narrow Crown, Small DW (1-2'), Compacted Soils, Suppressed, Stressed,
36	22	honeylocust	Gleditsia triacanthos	50	Fair	9	50	1	9.0	22	0	moderate	50.00		X		X																		Arboretal oversight is required during the demolition of the sidewalk to apply BMP for roots encountered.	Narrow Crown, Small DW (1-2'), Compacted Soils, Suppressed, Stressed,

Allan Fenner Consulting Arborist LLC

Page 3 of 3



400 Capital Boulevard, Suite 104
Rocky Hill, CT 06067
Phone: 860-563-7775
www.kleinfelder.com

LANDSCAPE ARCHITECT

Richter & Cegan Inc.

88 CANAL COURT P.O. BOX 567
AVON, CT 06001
PHONE: 860-678-0669
CONTACT NAME: Gary Guimond
EMAIL: gguimond@richtercegan.com



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STREETSCAPE TREE PRESERVATION NOTES & ACTION KEY

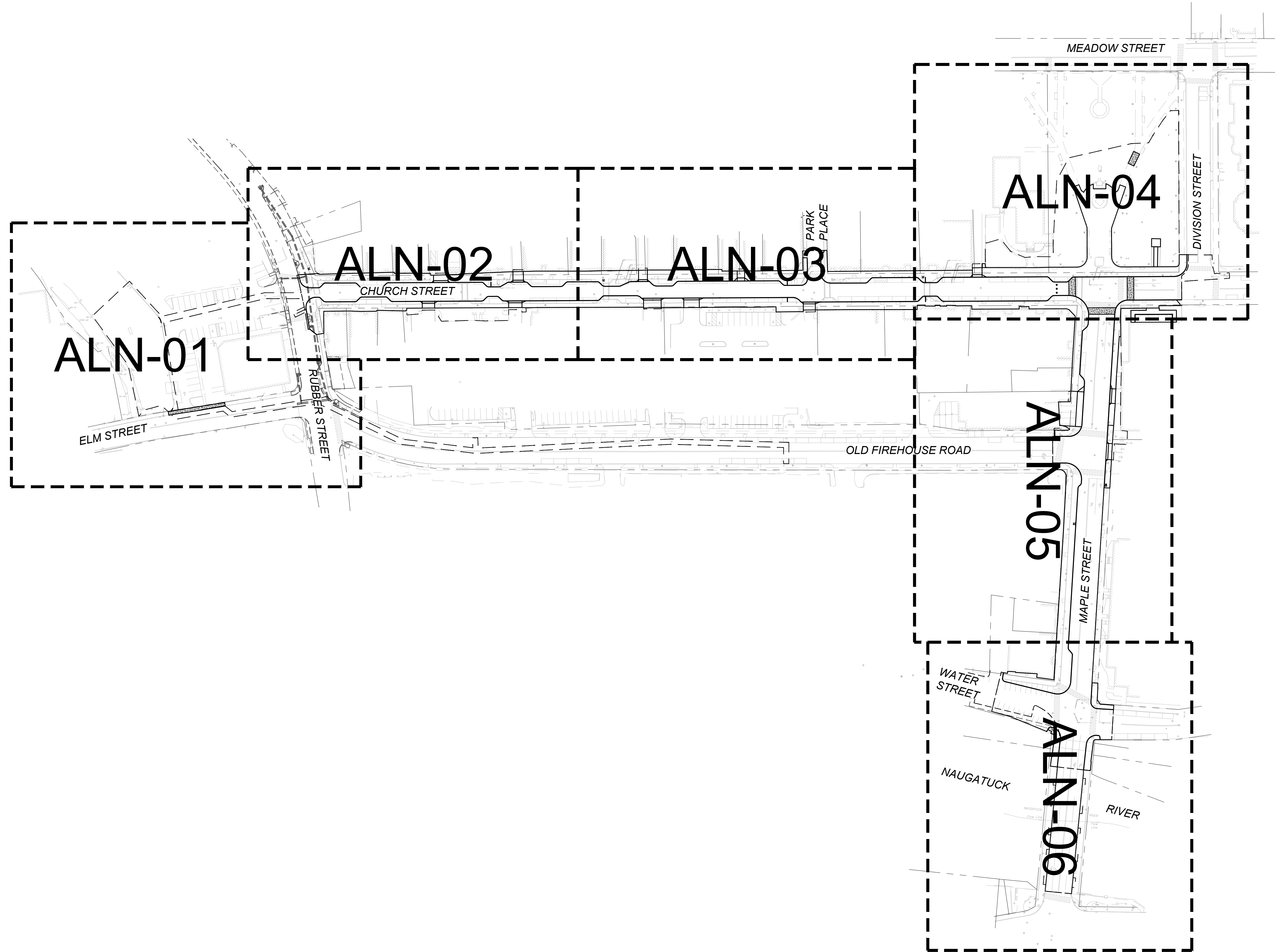
DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



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 PLOTTED: 6/30/2023 10:08 AM BY: kenneth.madison



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 Rocky Hill, CT 06067
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IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

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 SCALE: 1" = 80' SCALE IN FEET
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OVERALL ALIGNMENT AND CURB TIE PLAN
 DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
 BOROUGH OF NAUGATUCK



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 229 CHURCH STREET
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DRAWN BY	J.PERKINS	
CHECKED BY	P. KING	
APPROVED BY	N.KULIKAUSKAS	

LANDSCAPE ARCHITECT

Richter & Cegan Inc.

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PHONE: 860-678-0669
CONTACT NAME: Gary Guimond
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ALIGNMENT & CURB TIE PLAN

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CHECKED BY P. KING
APPROVED BY N.KULIKAUSKAS

ALN-01

Curb Table			
Line #/Curve #	Length	Direction/Delta	Radius
C1	4.7	R = 17.46 Δ = 015°30' L = 4.71 T = 2.37	17.5
L1	4.6	N68° 34' 37.30"E	
L2	5.2	N86° 00' 48.24"E	
L3	27.6	N03° 17' 16.69"E	



PLOTTED: 06/30/2023 12:12 AM BY: hannah.mcclelland
 LAYOUT: ALN-01
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 Alignment & Curb Tie Plan.dwg
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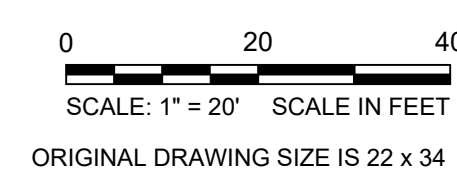
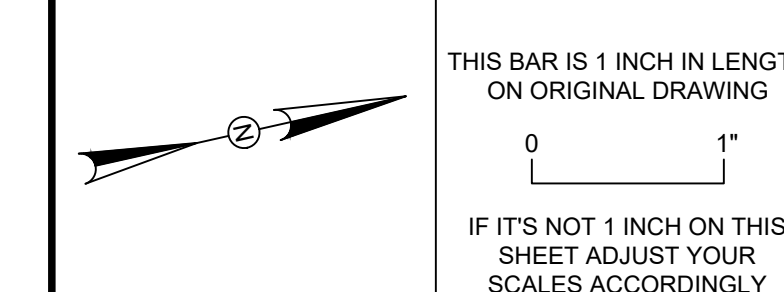
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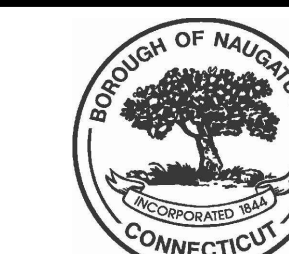
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ALIGNMENT & CURB TIE PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK



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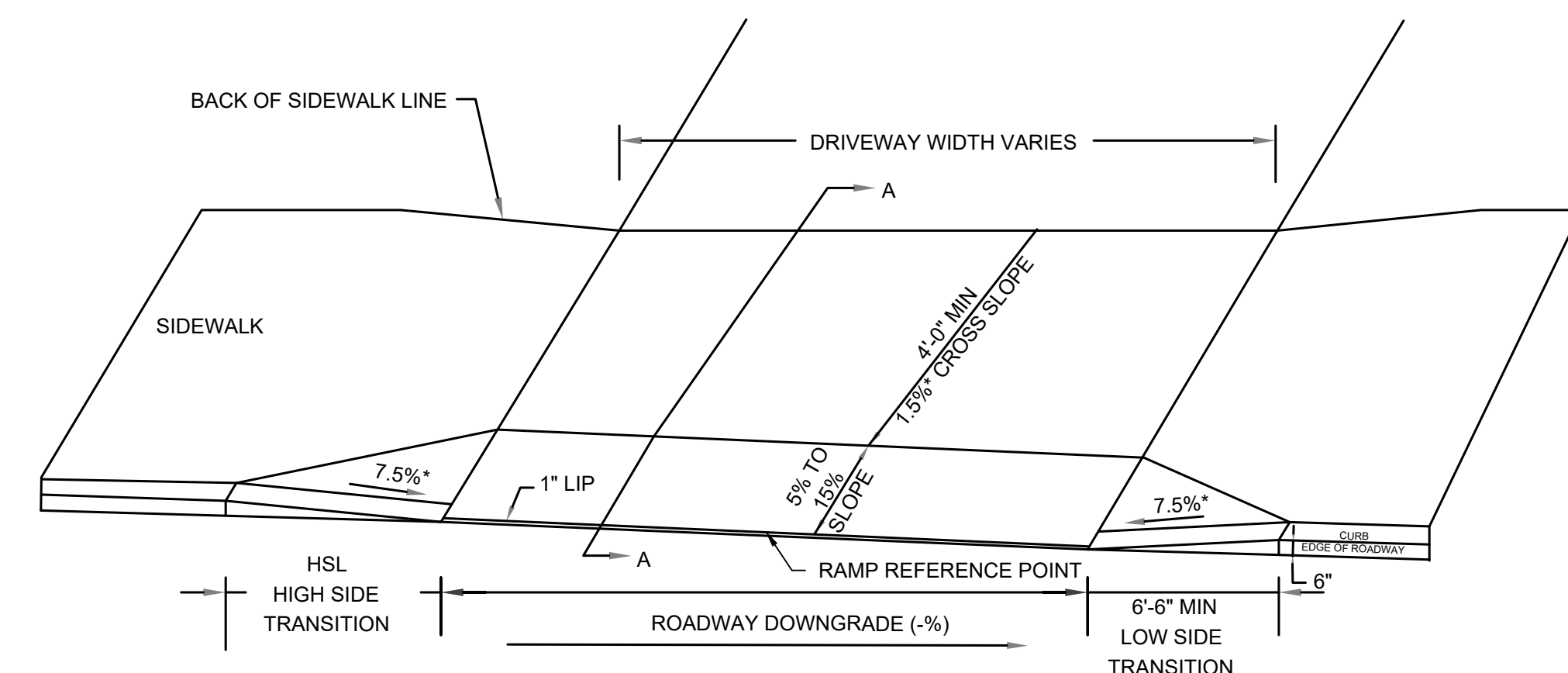
ALN-02

Number	Length	Line/Chord Direction
C2	19.36	R = 15.00 Δ = 073°57' T = 11.29
C3	3.93	R = 5.00 Δ = 045°00' T = 2.07
C4	3.93	R = 5.00 Δ = 045°00' T = 2.07
C5	3.93	R = 5.00 Δ = 045°00' T = 2.07
C6	3.93	R = 5.00 Δ = 045°00' T = 2.07
C7	3.93	R = 5.00 Δ = 045°00' T = 2.07
C9	3.93	R = 5.00 Δ = 045°00' T = 2.07
C10	3.93	R = 5.00 Δ = 045°00' T = 2.07
C11	2.62	R = 5.00 Δ = 030°00' T = 1.34
C12	2.62	R = 5.00 Δ = 030°00' T = 1.34
C13	3.93	R = 5.00 Δ = 045°00' T = 2.07
C14	3.93	R = 5.00 Δ = 045°00' T = 2.07
C15	3.93	R = 5.00 Δ = 045°00' T = 2.07
C16	3.93	R = 5.00 Δ = 045°01' T = 2.07
C17	26.04	R = 15.00 Δ = 099°28' T = 17.71
C18	3.93	R = 5.00 Δ = 045°00' T = 2.07
C19	3.82	R = 5.01 Δ = 043°43' T = 2.01
C20	3.93	R = 5.00 Δ = 045°00' T = 2.07
C21	3.77	R = 5.00 Δ = 043°15' T = 1.98
C22	3.93	R = 5.00 Δ = 045°00' T = 2.07

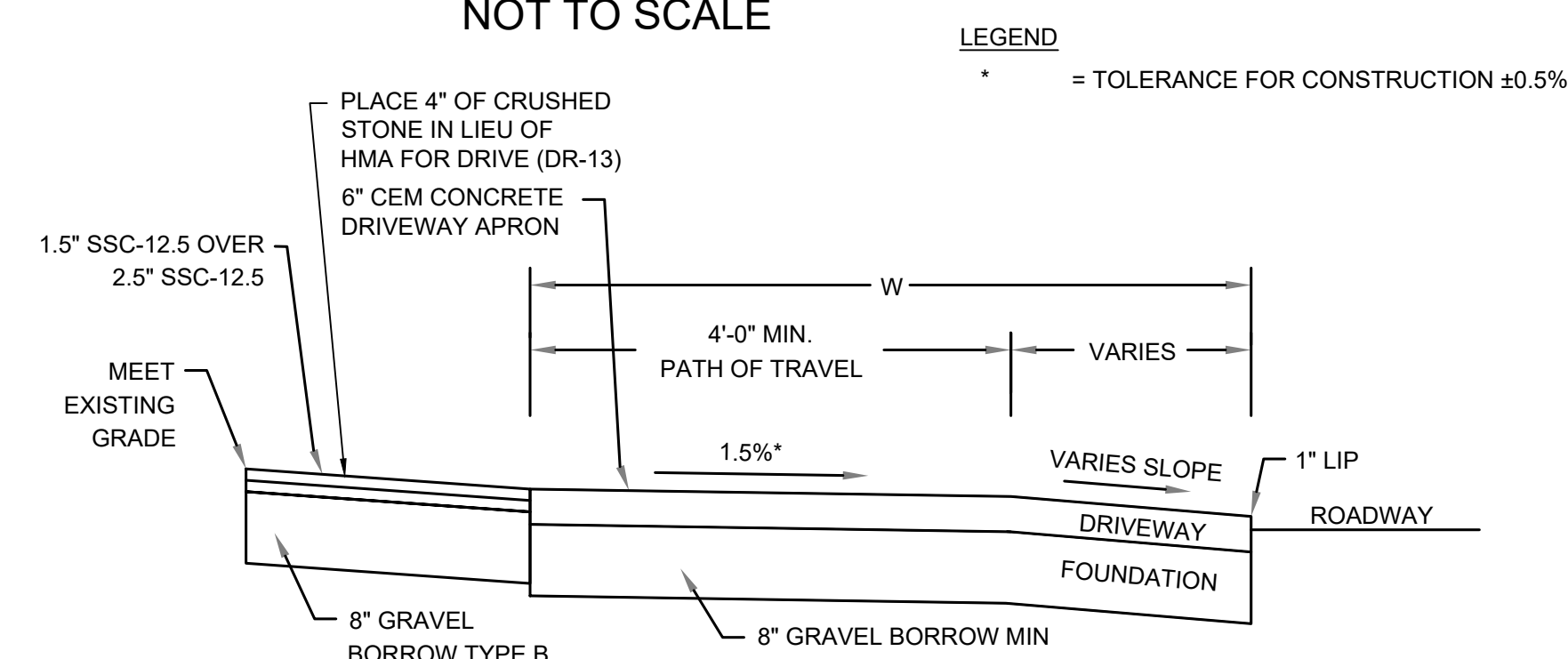
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C25	3.93	R = 5.00 Δ = 045°00' T = 2.07
C26	3.93	R = 5.00 Δ = 045°00' T = 2.07
C27	3.93	R = 5.00 Δ = 045°00' T = 2.07
L4	13.45	S50° 51' 04.04"W
L5	13.42	N12° 18' 56.41"E
L6	5.76	N32° 41' 03.59"W
L7	44.00	N12° 18' 56.41"E
L8	5.76	N57° 18' 56.41"E
L9	29.00	N12° 18' 56.41"E
L10	5.76	N32° 41' 03.59"W
L11	140.74	N12° 18' 56.41"E
L12	5.76	N57° 18' 56.41"E
L13	15.91	N12° 18' 56.41"E
L14	11.32	N17° 41' 03.59"W
L15	24.93	N12° 18' 56.41"E
L16	5.76	N57° 18' 56.41"E
L17	42.36	N12° 18' 56.41"E
L18	5.76	N32° 41' 03.59"W

Number	Length	Line/Chord Direction
L20	4.04	N12° 18' 56.41"E
L21	5.76	N57° 18' 56.41"E
L22	44.11	N12° 18' 56.41"E
L23	5.91	N32° 39' 41.66"W
L24	35.32	N12° 18' 56.41"E
L25	5.76	N57° 18' 56.41"E
L26	134.42	N12° 18' 56.41"E
L27	5.76	N32° 41' 03.59"W
L28	12.07	N12° 18' 56.41"E
L29	5.76	N57° 18' 56.41"E
L30	141.07	N12° 18' 55.99"E
L31	6.97	S77° 23' 40.05"E

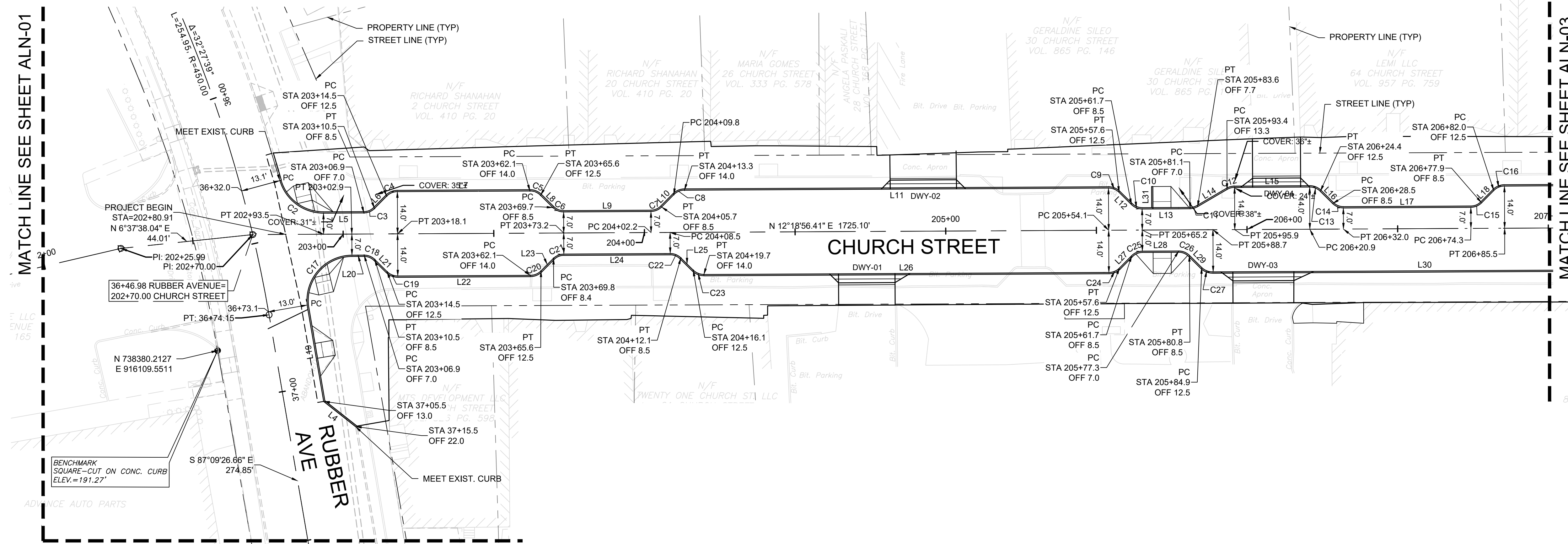
DW #	RAMP REFERENCE POINT			WIDTH OF DRIVEWAY AT GUTTER	ROADWAY GUTTER SLOPE	TRANSITION LENGTH	
	BASELINE	STATION	OFFSET			HIGH SIDE	LOW SIDE
01	CHURCH	204+74	17.00 RT	18.75	0.91%	3.00	5.00
02	CHURCH	204+93	17.00 LT	21.90	-1.87%	3.00	3.00
03	CHURCH	206+05	17.00 RT	20.30	0.94%	6.50	4.00
04	CHURCH	206+10	17.00 LT	15.90	2.07%	3.00	4.00



SIDEWALK THROUGH DRIVEWAYS WITHOUT CURB RETURNS (E 107.7.0)
NOT TO SCALE



SECTION A-A (HMA DRIVEWAY)



MATCH LINE SEE SHEET ALN-01

MATCH LINE SEE SHEET ALN-03

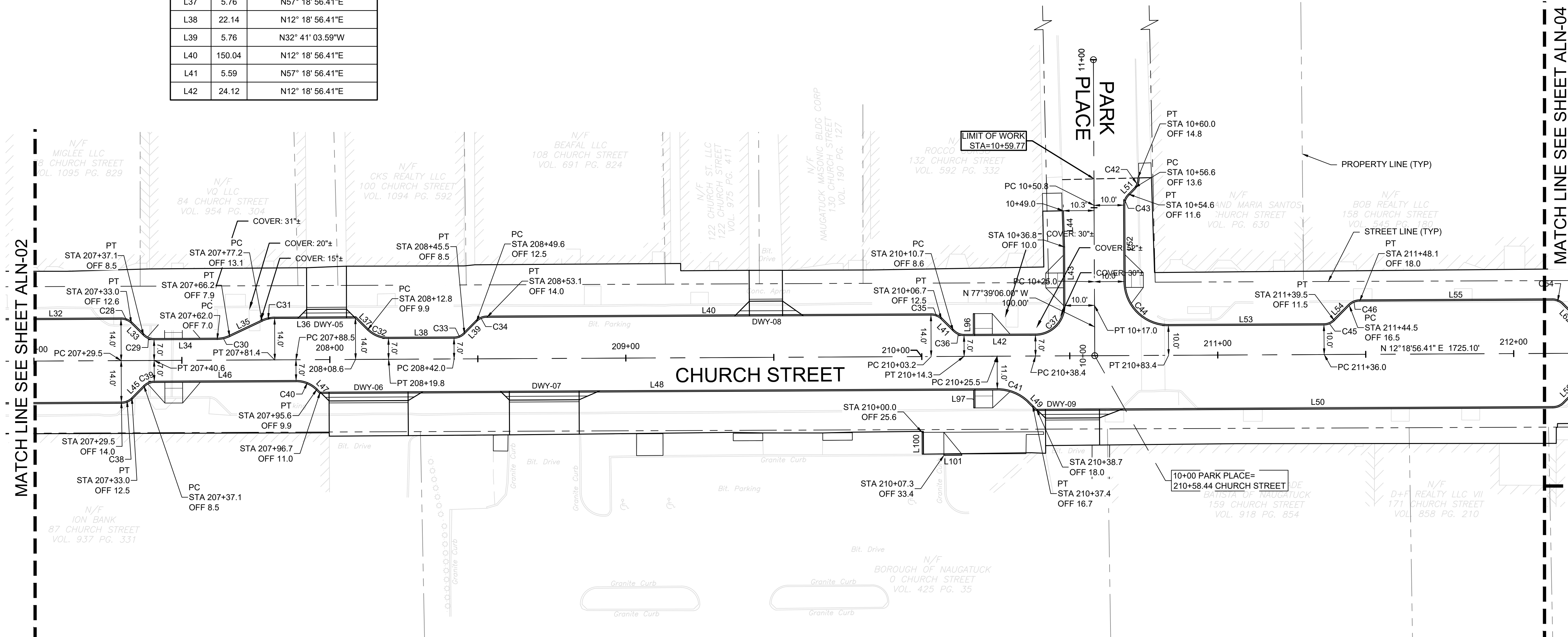
MATCH LINE SEE SHEET ALN-01

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CURB TABLE		
Number	Length	Line/Chord Direction
C28	3.93	R = 5.00 Δ = 045°00' T = 2.07
C29	3.93	R = 5.00 Δ = 045°00' T = 2.07
C30	4.36	R = 10.00 Δ = 025°00' T = 2.22
C31	4.36	R = 10.00 Δ = 025°00' T = 2.22
C32	7.85	R = 10.00 Δ = 045°00' T = 4.14
C33	3.93	R = 5.00 Δ = 045°00' T = 2.07
C34	3.93	R = 5.00 Δ = 045°00' T = 2.07
C35	3.93	R = 5.00 Δ = 045°00' T = 2.07
C36	4.09	R = 5.02 Δ = 046°44' T = 2.17
C37	15.71	R = 10.00 Δ = 090°00' T = 10.00
C38	3.93	R = 5.00 Δ = 045°00' T = 2.07
C39	3.93	R = 5.00 Δ = 045°00' T = 2.07
C40	7.85	R = 10.00 Δ = 045°00' T = 4.14
C41	12.88	R = 15.22 Δ = 048°28' T = 6.85
C42	3.93	R = 5.00 Δ = 045°00' T = 2.07
C43	3.87	R = 5.00 Δ = 044°22' T = 2.04
C44	23.51	R = 15.00 Δ = 089°47' T = 14.94
C45	3.93	R = 5.00 Δ = 045°00' T = 2.07
C46	3.92	R = 4.99 Δ = 045°00' T = 2.07
L32	44.00	N12° 18' 56.41"E
L33	5.76	N57° 18' 56.41"E
L34	21.32	N12° 18' 56.41"E
L35	12.13	N12° 41' 03.59"W
L36	27.30	N12° 18' 56.41"E
L37	5.76	N57° 18' 56.41"E
L38	22.14	N12° 18' 56.41"E
L39	5.76	N32° 41' 03.59"W
L40	150.04	N12° 18' 56.41"E
L41	5.59	N57° 18' 56.41"E
L42	24.12	N12° 18' 56.41"E

CURB TABLE		
Number	Length	Line/Chord Direction
L43	19.76	N77° 41' 03.59"W
L44	12.26	N79° 13' 16.89"W
L45	5.76	N32° 41' 03.59"W
L46	47.92	N12° 18' 56.41"E
L47	1.49	N57° 18' 52.29"E
L48	227.70	N12° 19' 14.60"E
L49	3.69	N57° 18' 56.41"E
L50	174.37	N12° 18' 56.41"E
L51	2.90	S33° 19' 26.17"E
L52	25.80	S77° 41' 03.59"E
L53	52.54	N12° 19' 15.39"E
L54	7.18	N32° 40' 39.47"W
L55	65.00	N12° 18' 56.41"E
L96	7.00	S77° 38' 59.76"E
L97	6.00	S77° 38' 03.50"E
L100	7.37	N77° 41' 03.59"W
L101	6.00	N12° 18' 56.41"E

DW #	RAMP REFERENCE POINT			WIDTH OF DRIVEWAY AT GUTTER	ROADWAY GUTTER SLOPE	TRANSITION LENGTH	
	BASELINE	STATION	OFFSET			HIGH SIDE	LOW SIDE
	05	CHURCH	207+99			17.00 LT	13.50
06	CHURCH	208+13	14.00 RT	26.70	0.30%	3.00	5.00
07	CHURCH	208+72	14.00 RT	23.50	-0.21%	7.00	3.00
08	CHURCH	209+47	17.00 Lt	11.20	3.92%	7.00	5.00
09	CHURCH	210+51	21.00 RT	18.10	-1.50%	3.00	8.00

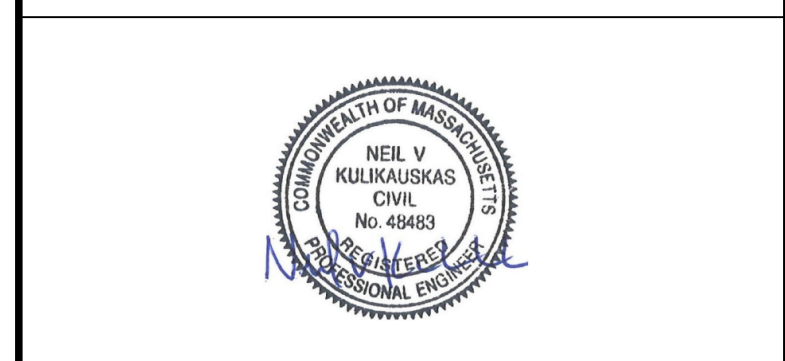


MATCH LINE SEE SHEET ALN-04

MATCH LINE SEE SHEET ALN-02

400 Capital Boulevard, Suite 104
Rocky Hill, CT 06067
Phone: 860-563-7775
www.kleinfelder.com

LANDSCAPE ARCHITECT
Richter & Cegan Inc.
88 CANAL COURT P.O. BOX 567
AVON, CT 06001
PHONE: 860-678-0669
CONTACT NAME: Gary Guimond
EMAIL: gguimond@richtercegan.com



DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION

THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING

SCALE: 1" = 20' SCALE IN FEET

ORIGINAL DRAWING SIZE IS 22 x 34

IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

ALIGNMENT & CURB TIE PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS

BOROUGH OF NAUGATUCK

BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

ALN-03

CAD FILE: C:\pwworking\kleinfelder\proj\01\20225069_002\20225069_002.dwg; Alignment & Curb Tie Plan.dwg; LAYOUT: ALN-03; PLOTTED: 8/30/2023 12:12:12 AM BY: hannah.mcclelland



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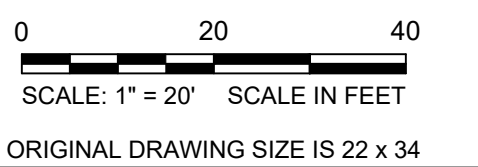
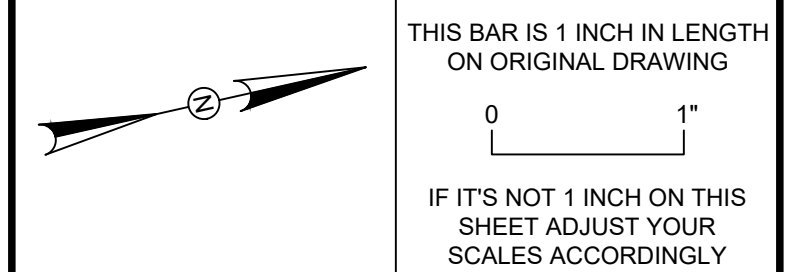
REV	DESCRIPTION	DATE

REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

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SCALE VERIFICATION



ALIGNMENT & CURB TIE PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

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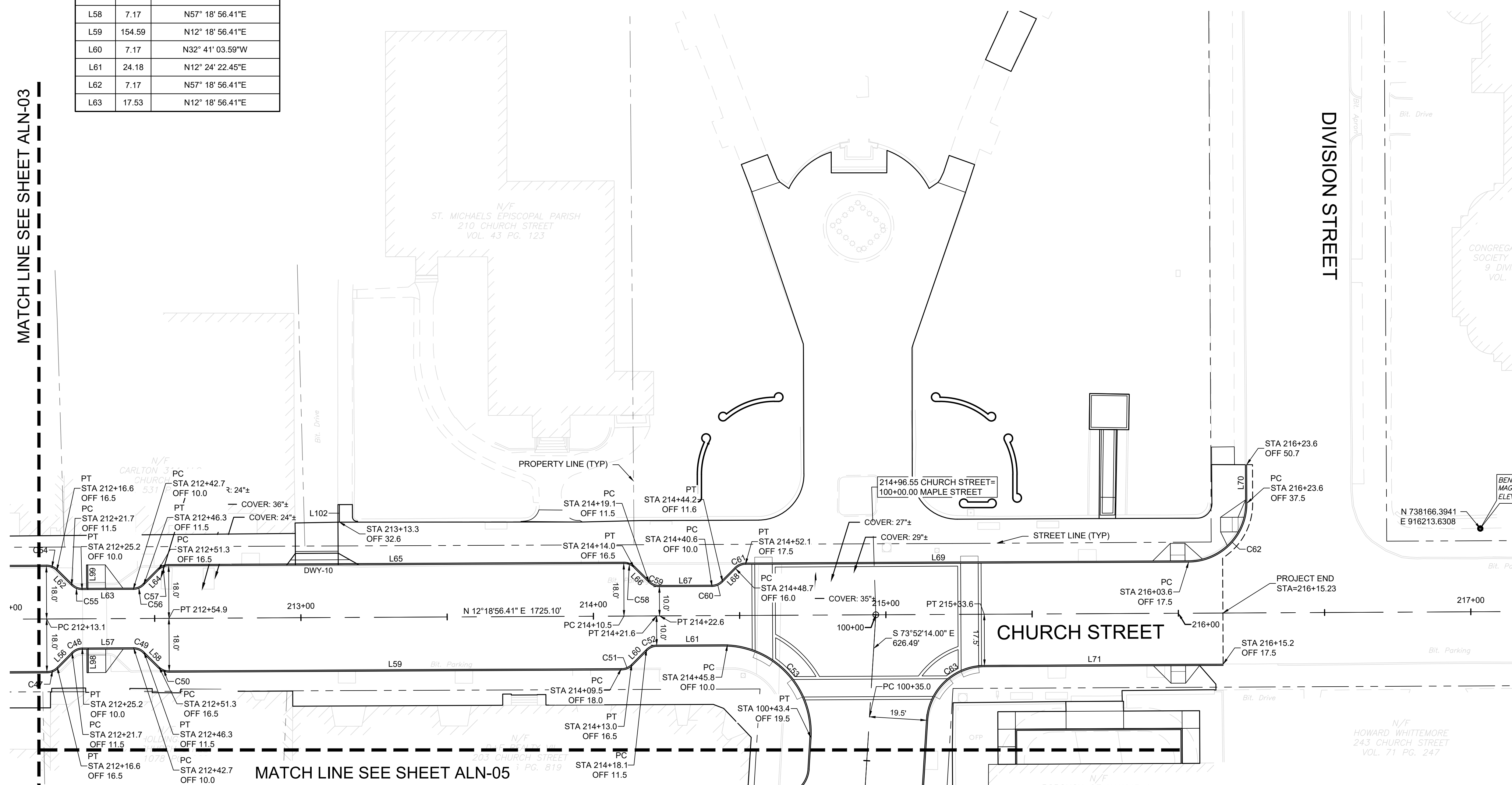
PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.V. KULIKAUSKAS

ALN-04

Number	Length	Line/Chord Direction
C47	3.93	R = 5.00 Δ = 045°00' T = 2.07
C48	3.93	R = 5.00 Δ = 045°00' T = 2.07
C49	3.93	R = 5.00 Δ = 045°00' T = 2.07
C50	3.93	R = 5.00 Δ = 045°00' T = 2.07
C51	3.93	R = 5.00 Δ = 045°00' T = 2.07
C52	3.93	R = 5.00 Δ = 045°00' T = 2.07
C53	47.61	R = 30.00 Δ = 090°55' T = 30.49
C54	3.93	R = 5.00 Δ = 045°00' T = 2.07
C55	3.93	R = 5.00 Δ = 045°00' T = 2.07
C56	3.93	R = 5.00 Δ = 045°00' T = 2.07
C57	3.93	R = 5.00 Δ = 045°00' T = 2.07
C58	3.93	R = 5.00 Δ = 045°00' T = 2.07
C59	3.93	R = 5.00 Δ = 045°00' T = 2.07
C60	4.08	R = 5.01 Δ = 046°36' T = 2.16
C61	3.93	R = 5.00 Δ = 045°00' T = 2.07
C62	34.57	R = 20.15 Δ = 098°17' T = 23.30
C63	30.08	R = 20.00 Δ = 086°11' T = 18.71
L56	7.17	N32° 41' 03.59"W
L57	17.53	N12° 18' 56.41"E
L58	7.17	N57° 18' 56.41"E
L59	154.59	N12° 18' 56.41"E
L60	7.17	N32° 41' 03.59"W
L61	24.18	N12° 24' 22.45"E
L62	7.17	N57° 18' 56.41"E
L63	17.53	N12° 18' 56.41"E

Number	Length	Line/Chord Direction
L64	7.17	N32° 41' 03.59"W
L65	155.59	N12° 18' 56.41"E
L66	7.17	N57° 18' 56.41"E
L67	18.00	N12° 18' 56.41"E
L68	6.31	N32° 41' 03.59"W
L69	150.18	N12° 18' 56.41"E
L70	11.23	N77° 34' 44.21"W
L71	81.60	S12° 18' 56.41"W
L98	8.00	S77° 41' 03.59"E
L99	8.00	S77° 41' 03.59"E
L102	6.01	S77° 40' 08.34"E

DRIVEWAYS							
DW #	RAMP REFERENCE POINT			WIDTH OF DRIVEWAY AT GUTTER	ROADWAY GUTTER SLOPE	TRANSITION LENGTH	
	BASELINE	STATION	OFFSET			HIGH SIDE	LOW SIDE
10	CHURCH	213+05	22.00 LT	14.60	0.50%	7.00	3.00



PLOTTED: 8/30/2023 12:12 AM BY: hannah.mcclelland
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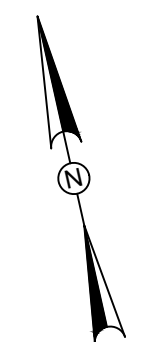
DRAWING ISSUE

REV	DESCRIPTION	DATE

REVISIONS

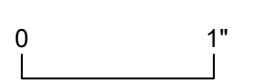
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ISSUED FOR CONSTRUCTION

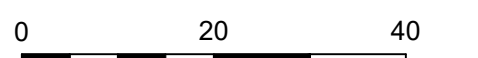


SCALE VERIFICATION

THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING



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SCALE: 1" = 20' SCALE IN FEET

ORIGINAL DRAWING SIZE IS 22 x 34

ALIGNMENT & CURB TIE PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK



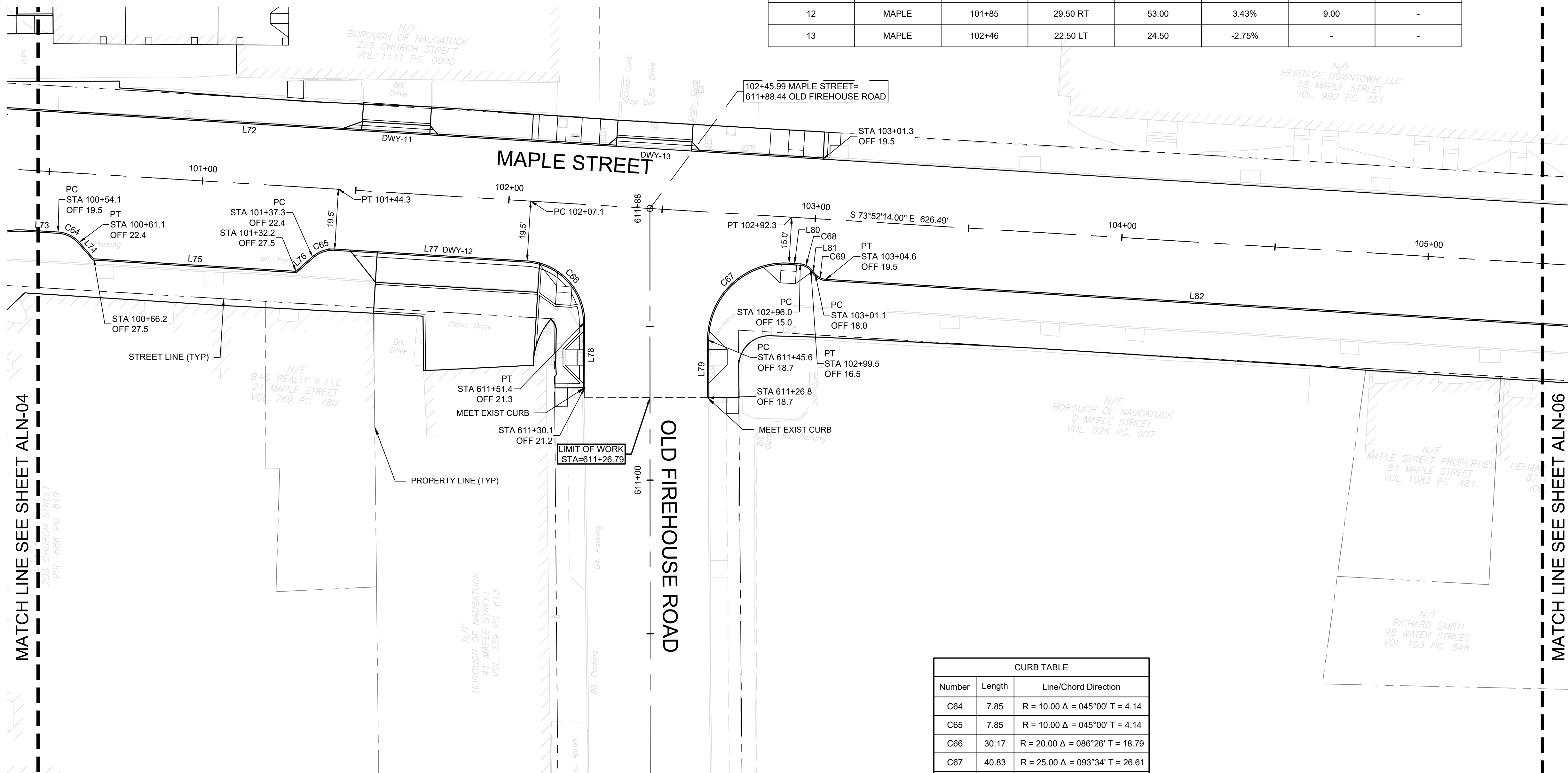
BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

ALN-05

DW #	RAMP REFERENCE POINT			WIDTH OF DRIVEWAY AT GUTTER	ROADWAY GUTTER SLOPE	TRANSITION LENGTH	
	BASELINE	STATION	OFFSET			HIGH SIDE	LOW SIDE
	11	MAPLE	101+62			22.50 LT	22.20
12	MAPLE	101+85	29.50 RT	53.00	3.43%	9.00	-
13	MAPLE	102+46	22.50 LT	24.50	-2.75%	-	-



CURB TABLE		
Number	Length	Line/Chord Direction
C64	7.85	R = 10.00 Δ = 045°00' T = 4.14
C65	7.85	R = 10.00 Δ = 045°00' T = 4.14
C66	30.17	R = 20.00 Δ = 086°26' T = 18.79
C67	40.83	R = 25.00 Δ = 093°34' T = 26.61
C68	3.93	R = 5.00 Δ = 045°00' T = 2.07
C69	3.93	R = 5.01 Δ = 044°53' T = 2.07
L72	266.35	S73° 52' 14.00"E
L73	10.67	S73° 52' 14.00"E
L74	7.17	S28° 52' 14.00"E
L75	66.00	S73° 52' 14.00"E
L76	7.17	N61° 07' 46.00"E
L77	62.77	S73° 52' 20.36"E
L78	21.33	S12° 30' 39.79"W
L79	18.85	N12° 33' 48.92"E
L80	3.68	S73° 52' 14.00"E
L81	2.22	S28° 52' 14.00"E
L82	242.00	S73° 52' 14.00"E



DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

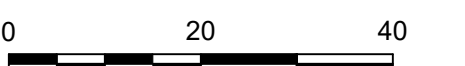
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SCALE VERIFICATION

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ORIGINAL DRAWING SIZE IS 22 x 34

ALIGNMENT & CURB TIE PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



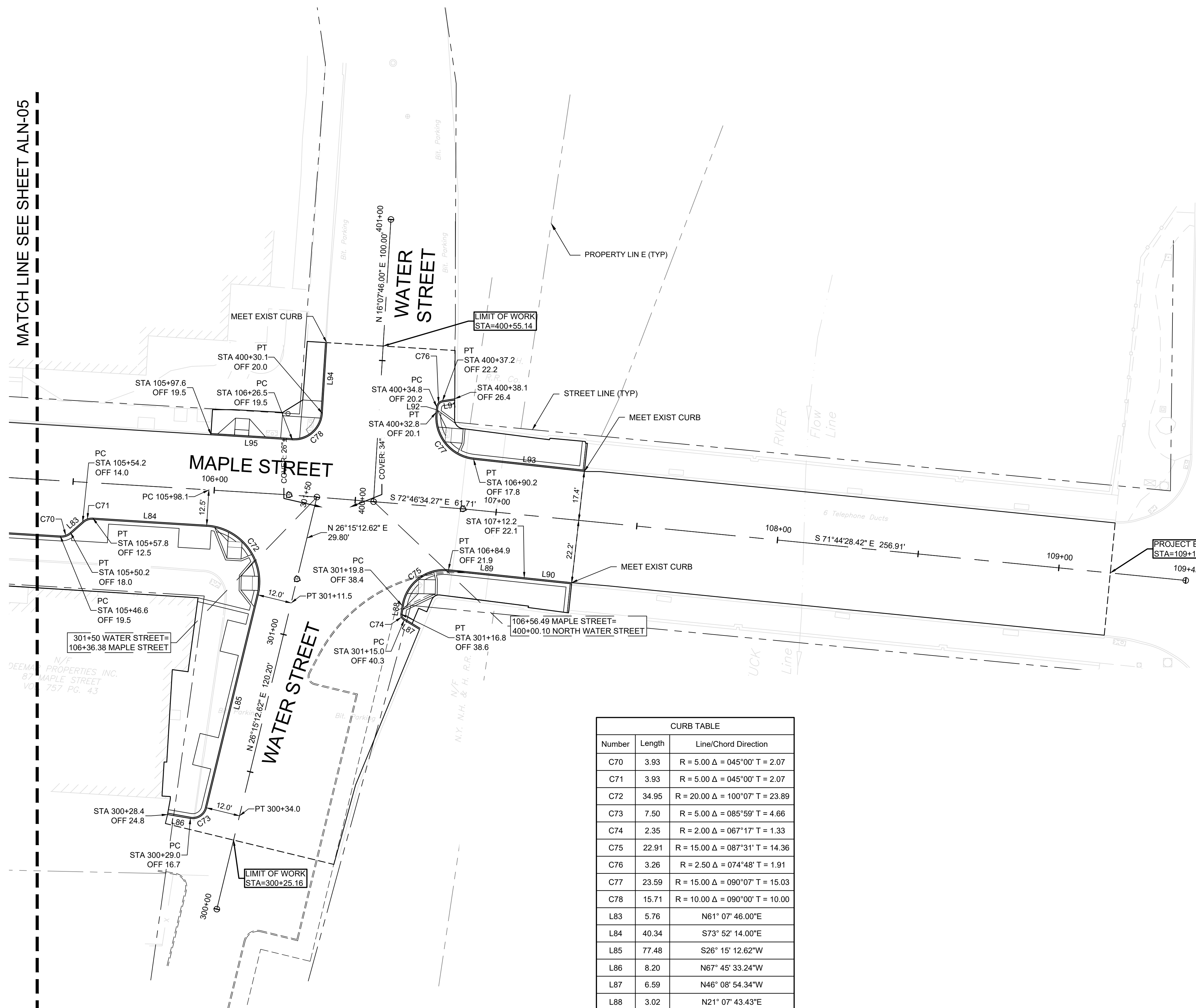
BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

ALN-06

MATCH LINE SEE SHEET ALN-05



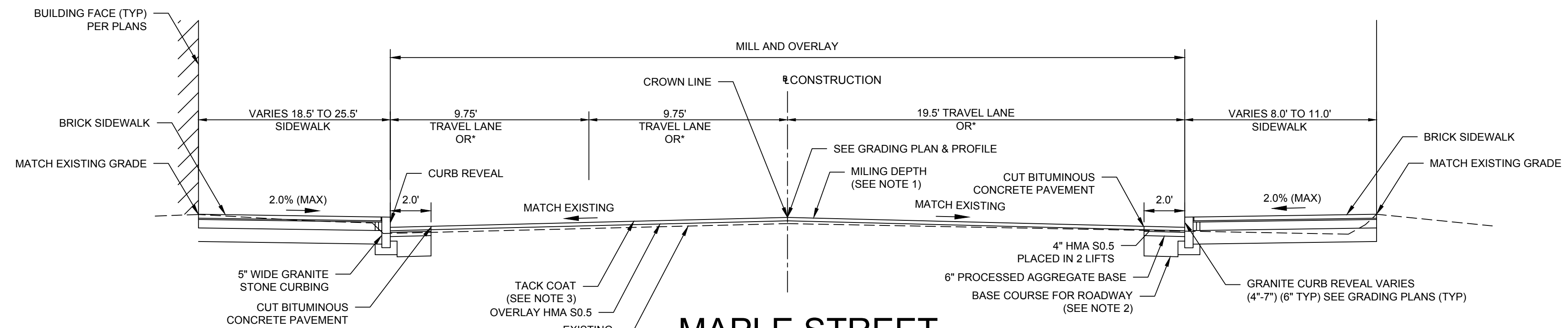
CURB TABLE		
Number	Length	Line/Chord Direction
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C71	3.93	R = 5.00 Δ = 045°00' T = 2.07
C72	34.95	R = 20.00 Δ = 100°07' T = 23.89
C73	7.50	R = 5.00 Δ = 085°59' T = 4.66
C74	2.35	R = 2.00 Δ = 067°17' T = 1.33
C75	22.91	R = 15.00 Δ = 087°31' T = 14.36
C76	3.26	R = 2.50 Δ = 074°48' T = 1.91
C77	23.59	R = 15.00 Δ = 090°07' T = 15.03
C78	15.71	R = 10.00 Δ = 090°00' T = 10.00
L83	5.76	N61° 07' 46.00"E
L84	40.34	S73° 52' 14.00"E
L85	77.48	S26° 15' 12.62"W
L86	8.20	N67° 45' 33.24"W
L87	6.59	N46° 08' 54.34"W
L88	3.02	N21° 07' 43.43"E
L89	26.94	S71° 21' 44.08"E
L90	16.86	S71° 28' 19.92"E
L91	4.37	N86° 14' 54.58"W
L92	1.98	S18° 56' 35.67"W
L93	39.41	S71° 10' 12.54"E
L94	25.06	S16° 07' 46.00"W
L95	28.85	N73° 52' 14.09"W

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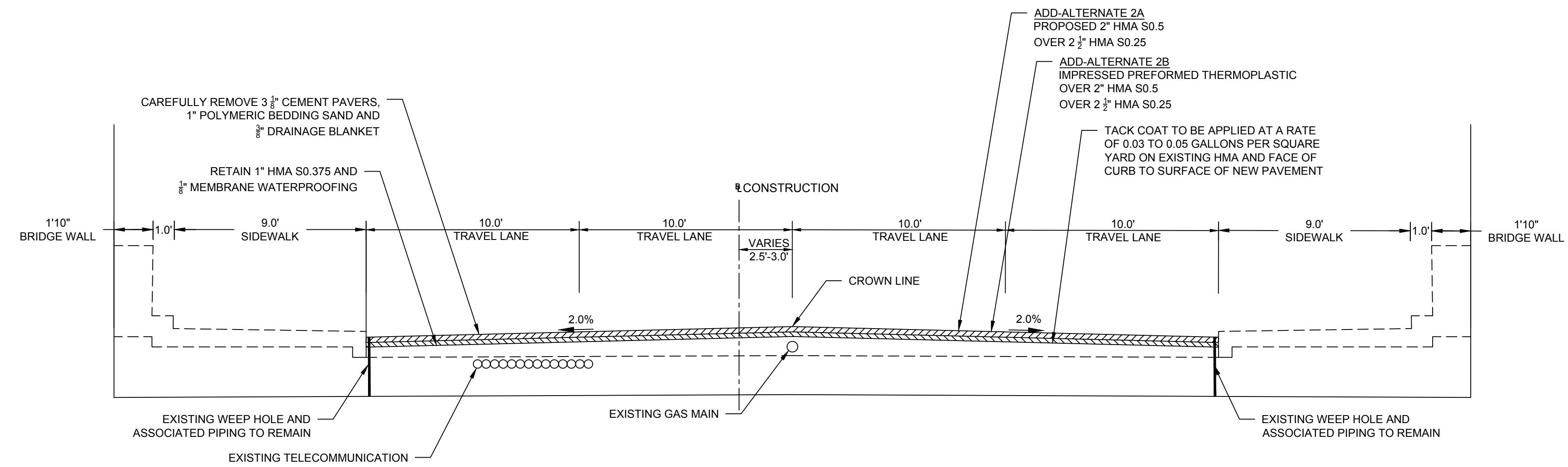
MAPLE STREET TYPICAL SECTION

SCALE: NOT TO SCALE
*SEE PLANS FOR LANE CONFIGURATIONS



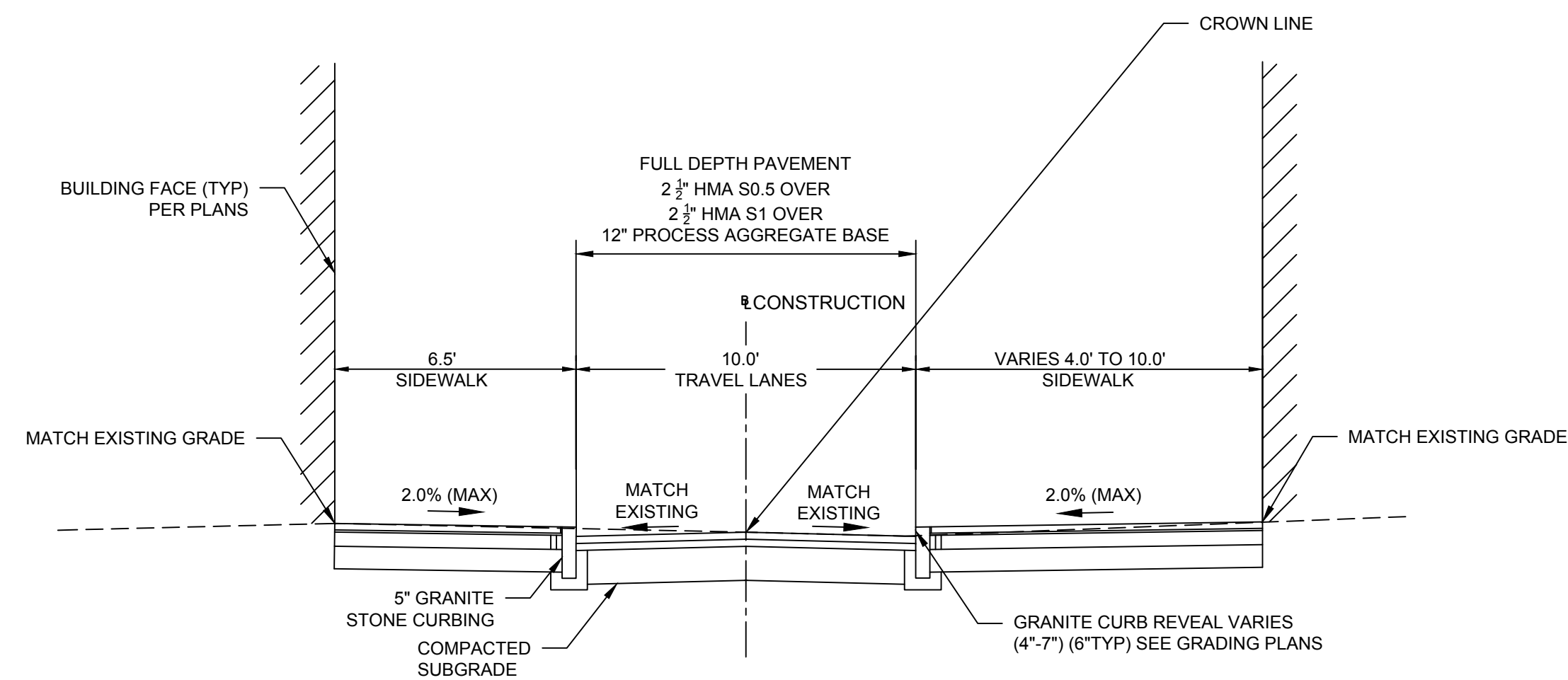
MAPLE STREET (WHITTEMORE BRIDGE) TYPICAL SECTION

SCALE: NOT TO SCALE



PARK PLACE TYPICAL SECTION

SCALE: NOT TO SCALE



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REV	DESCRIPTION	DSN	CHK	DATE

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SCALE VERIFICATION

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ORIGINAL DRAWING SIZE IS 22 x 34

TYPICAL ROADWAY SECTIONS

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



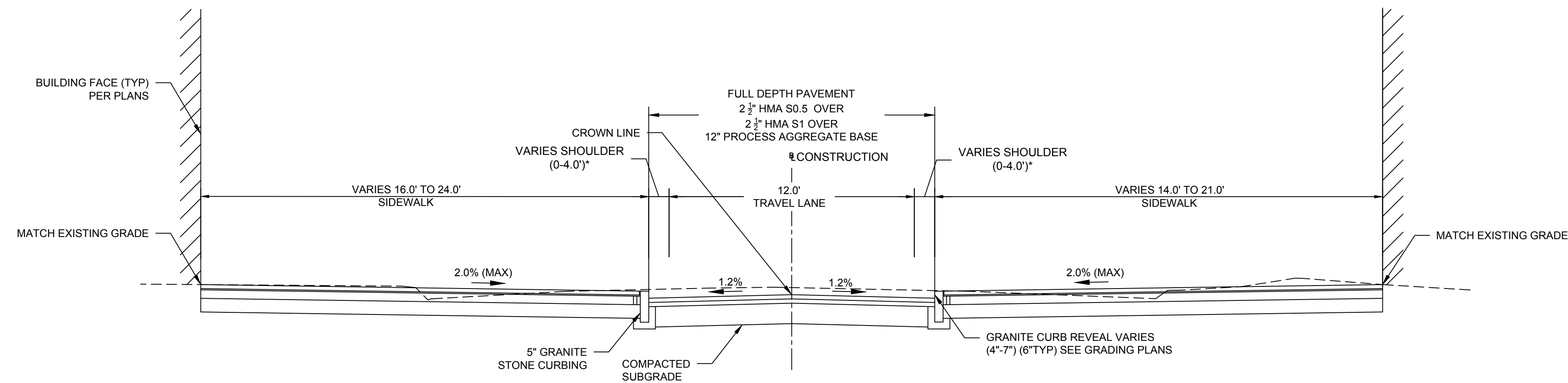
BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
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DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

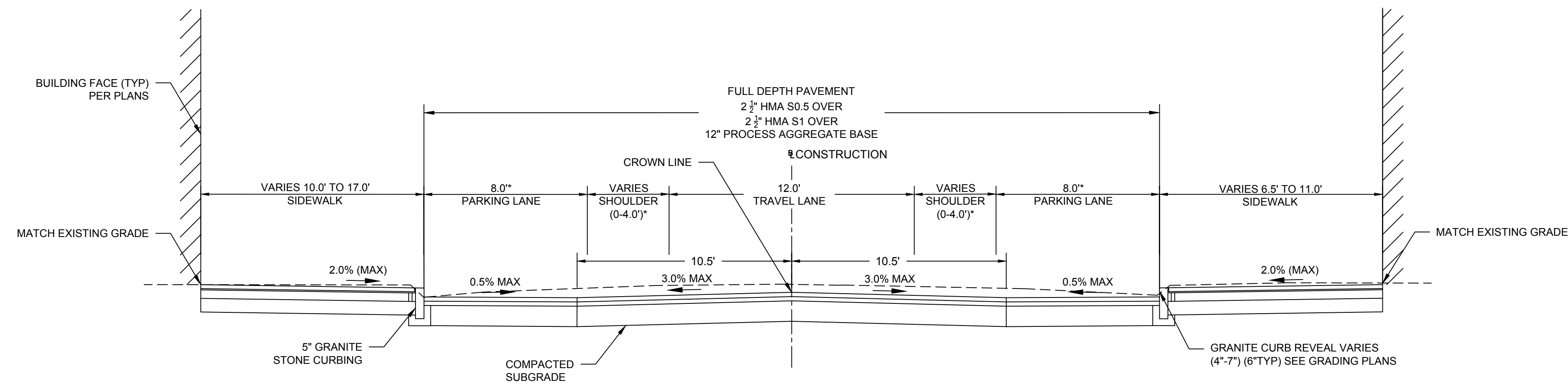
TYP-02

NOTE:
SEE ALIGNMENT AND CURB TIE PLAN SHEETS FOR SECTION LOCATIONS



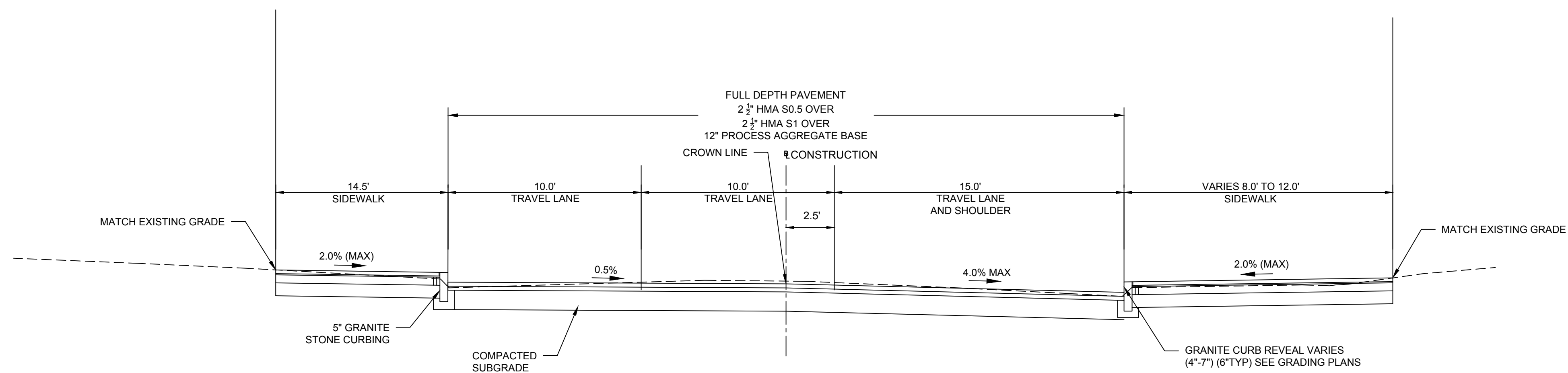
**CHURCH STREET
TYPICAL SECTION 1**

SCALE: NOT TO SCALE



**CHURCH STREET
TYPICAL SECTION 2**

SCALE: NOT TO SCALE



**CHURCH STREET
TYPICAL SECTION 3**

SCALE: NOT TO SCALE

NOTE:
SEE ALIGNMENT AND
CURB TIE PLAN SHEETS
FOR SECTION LOCATIONS

DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

**ISSUED
FOR
CONSTRUCTION**

SCALE VERIFICATION
THIS BAR IS 1 INCH IN LENGTH
ON ORIGINAL DRAWING
0 1"
IF IT'S NOT 1 INCH ON THIS
SHEET ADJUST YOUR
SCALES ACCORDINGLY

ORIGINAL DRAWING SIZE IS 22 x 34

TYPICAL ROADWAY SECTIONS

DOWNTOWN SANITARY, STORMWATER
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BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

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CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

TYP-03



DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION
THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING
0 1"
IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

ORIGINAL DRAWING SIZE IS 22 x 34

CIVIL DETAILS
DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

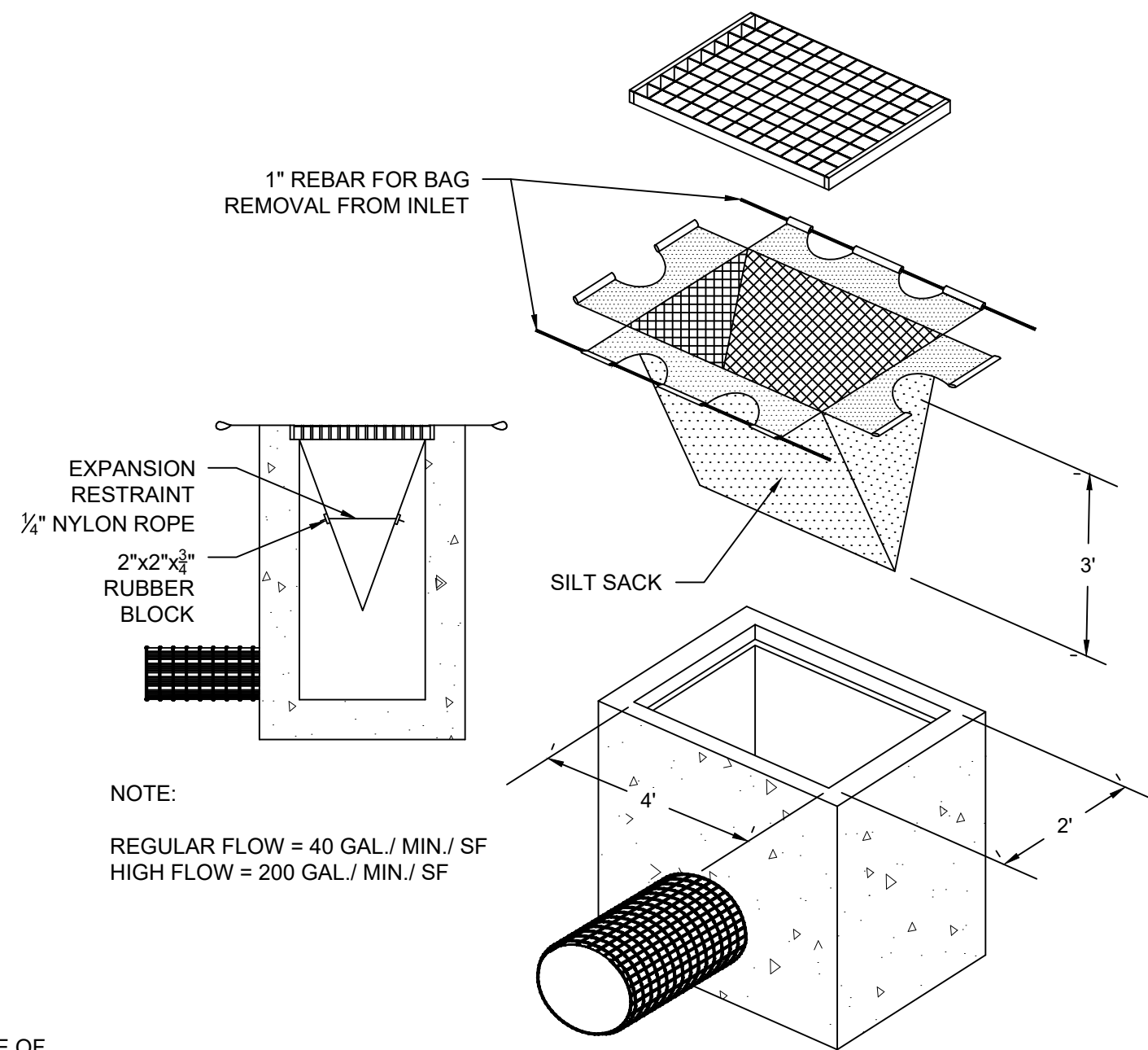


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

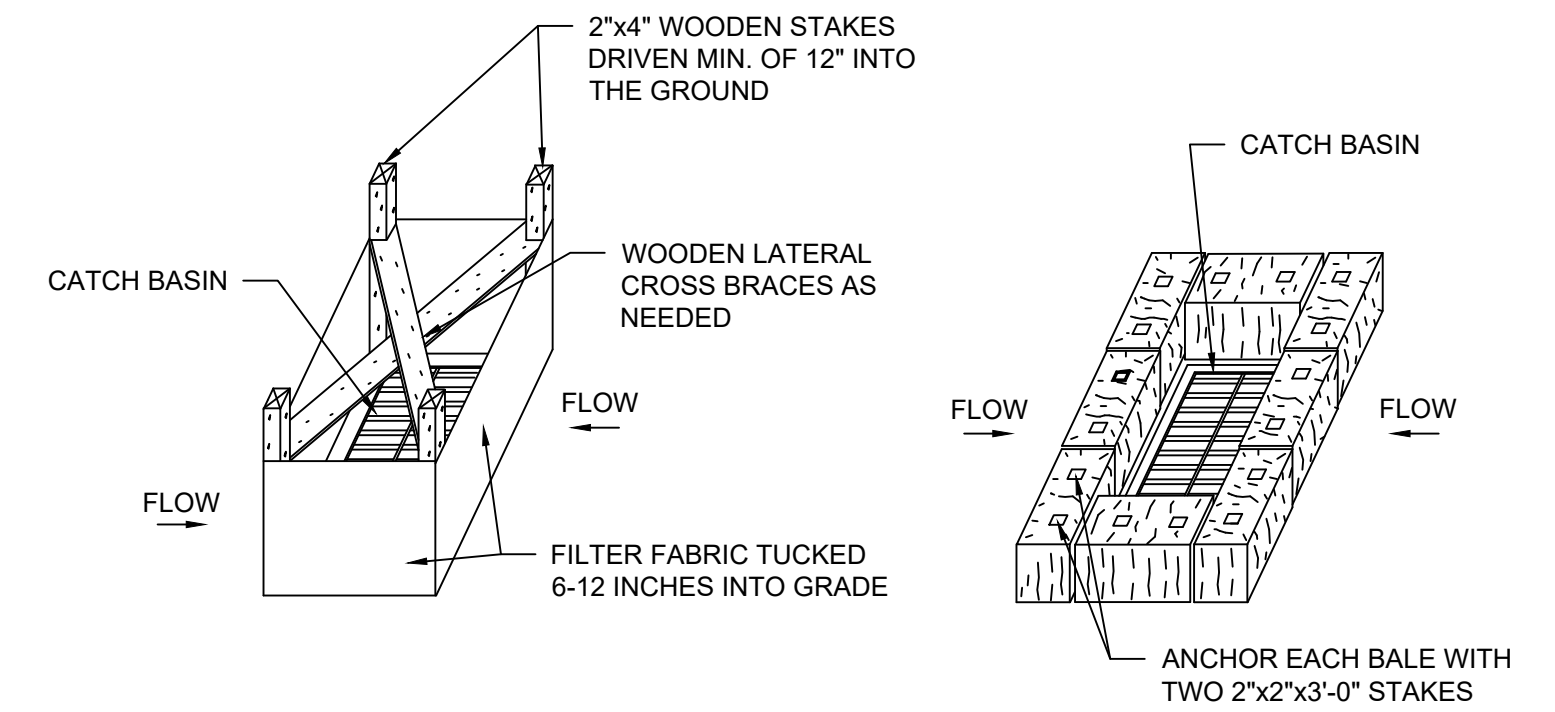
PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

MDS-01



NOTE:
REGULAR FLOW = 40 GAL / MIN / SF
HIGH FLOW = 200 GAL / MIN / SF

SILT SACK
SCALE: N.T.S.

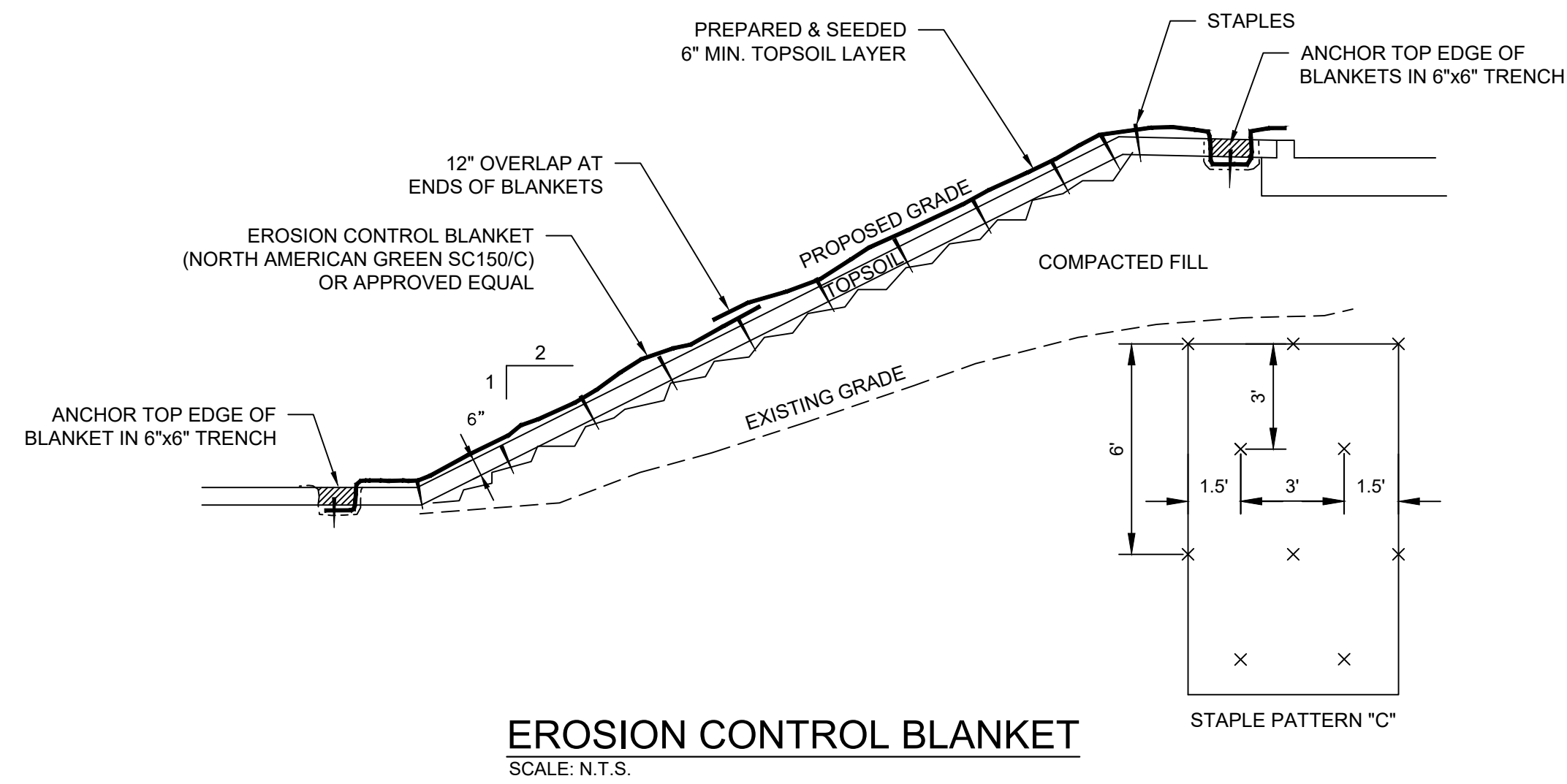


SILT FENCE INSTALLATION AT CATCH BASINS AT LOW POINTS

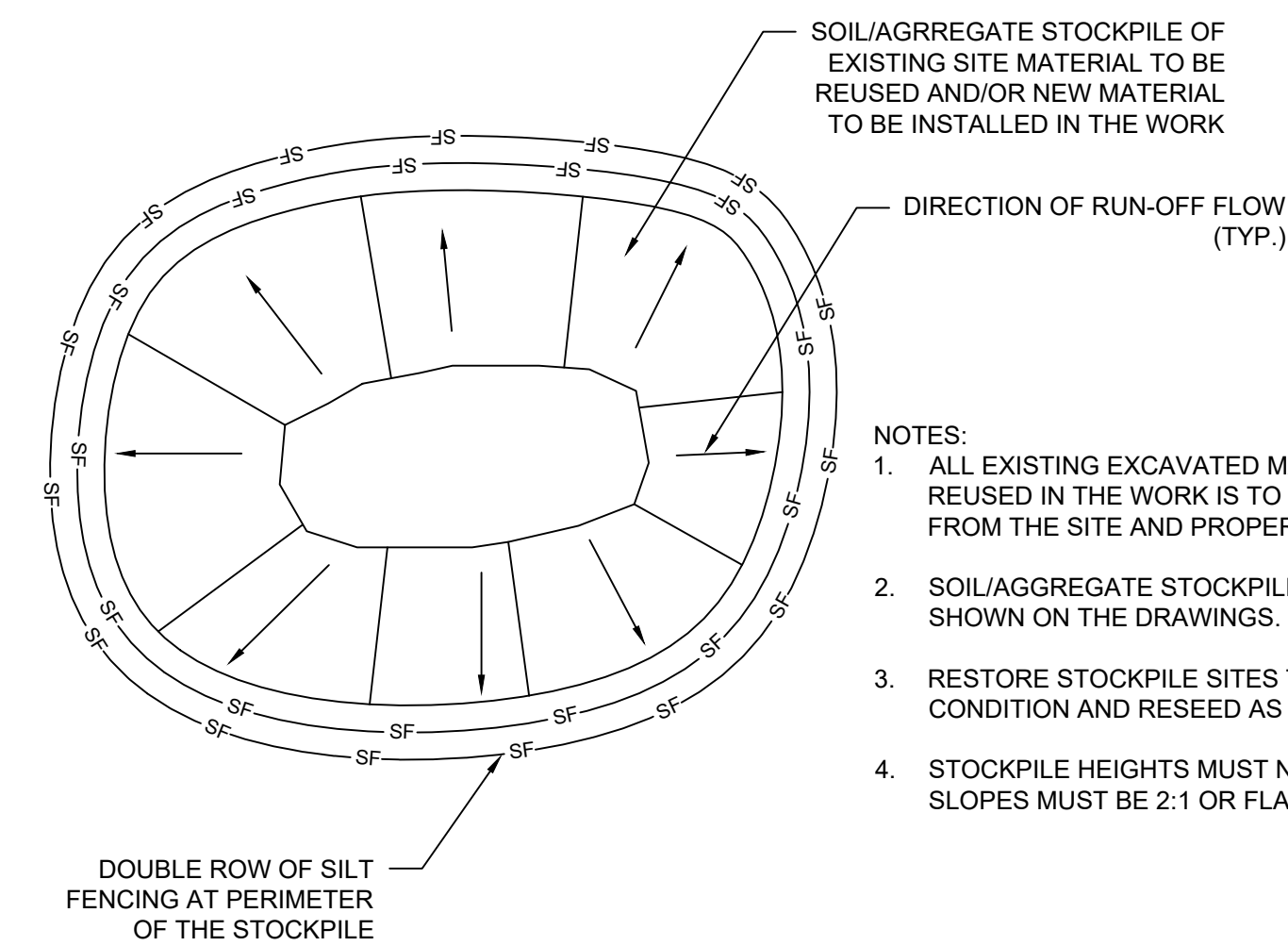
STRAW BALE FILTER INSTALLATION AT CATCH BASINS AT LOW POINTS

- NOTES:
1. STORMWATER INLETS WHICH DO NOT DISCHARGE TO SEDIMENT TRAPS OR BASINS, MUST BE PROTECTED UNTIL THE TRIBUTARY AREAS ARE STABILIZED.
 2. SEDIMENT MUST BE REMOVED FROM INLET PROTECTION AFTER EACH STORM EVENT.

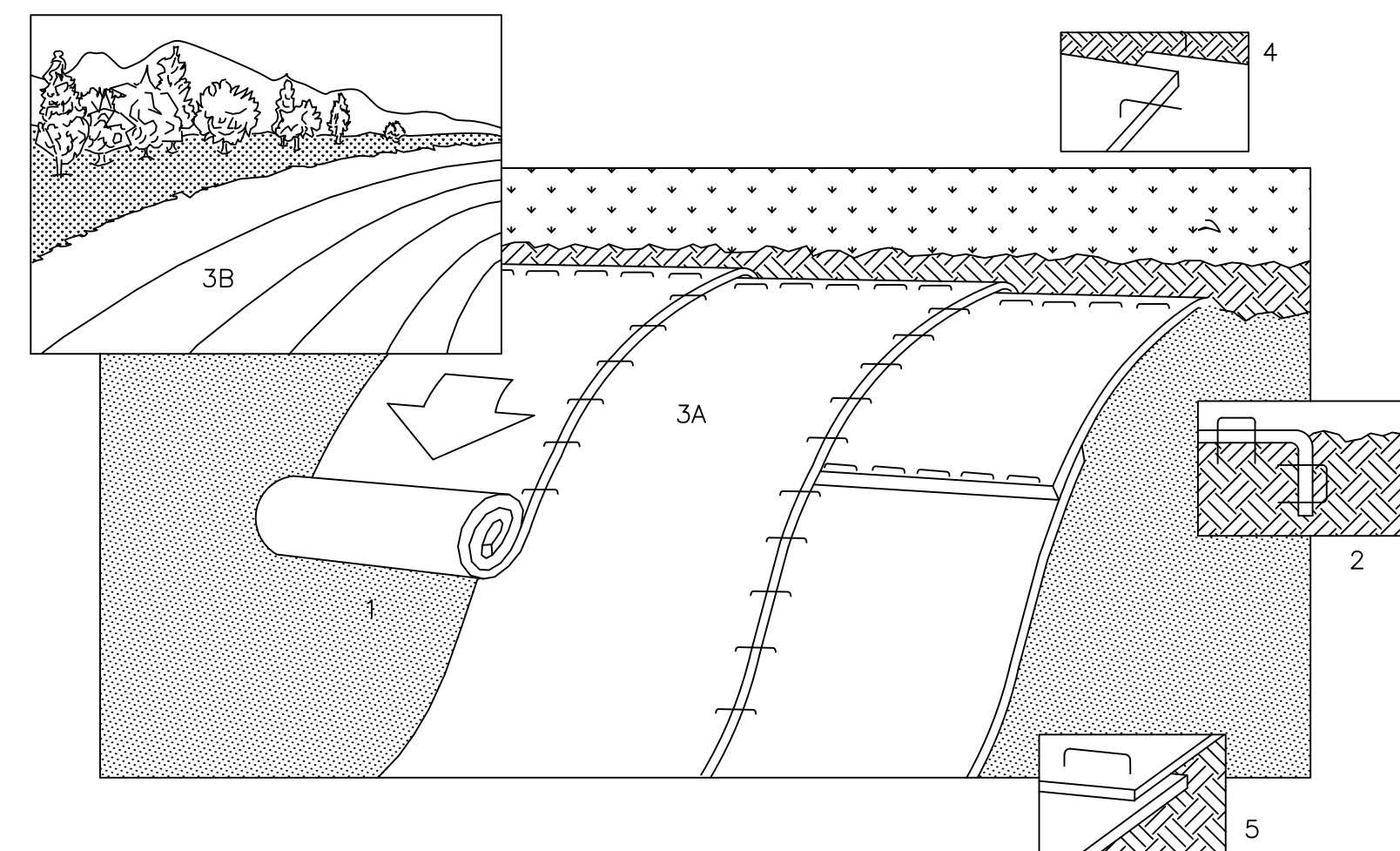
CATCH BASIN EROSION CONTROL
SCALE: N.T.S.



EROSION CONTROL BLANKET
SCALE: N.T.S.

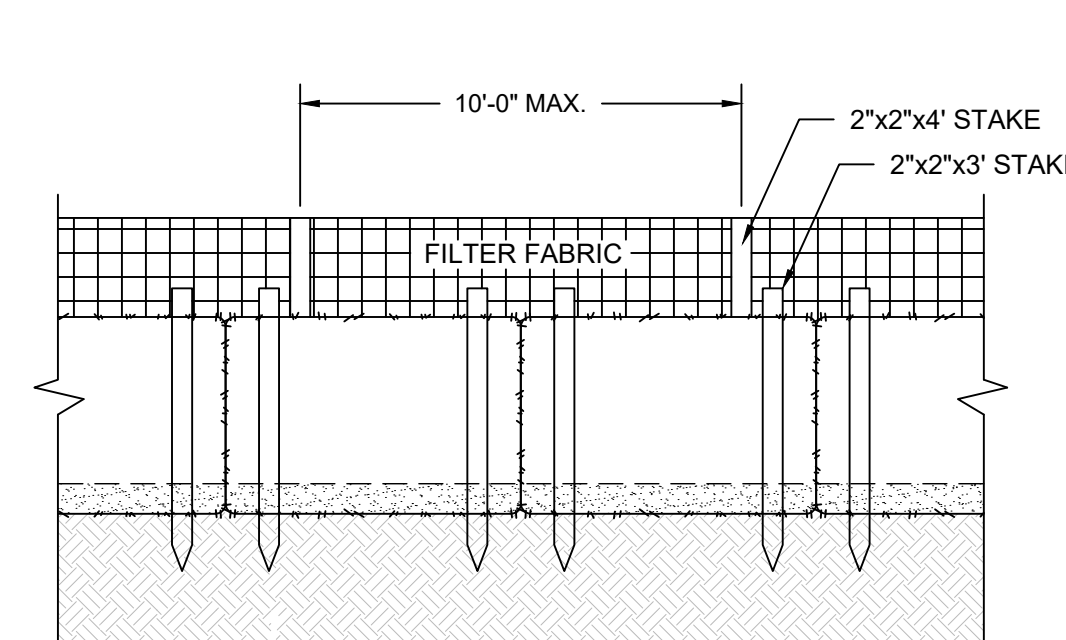


TEMPORARY STOCKPILE AREA
SCALE: N.T.S.



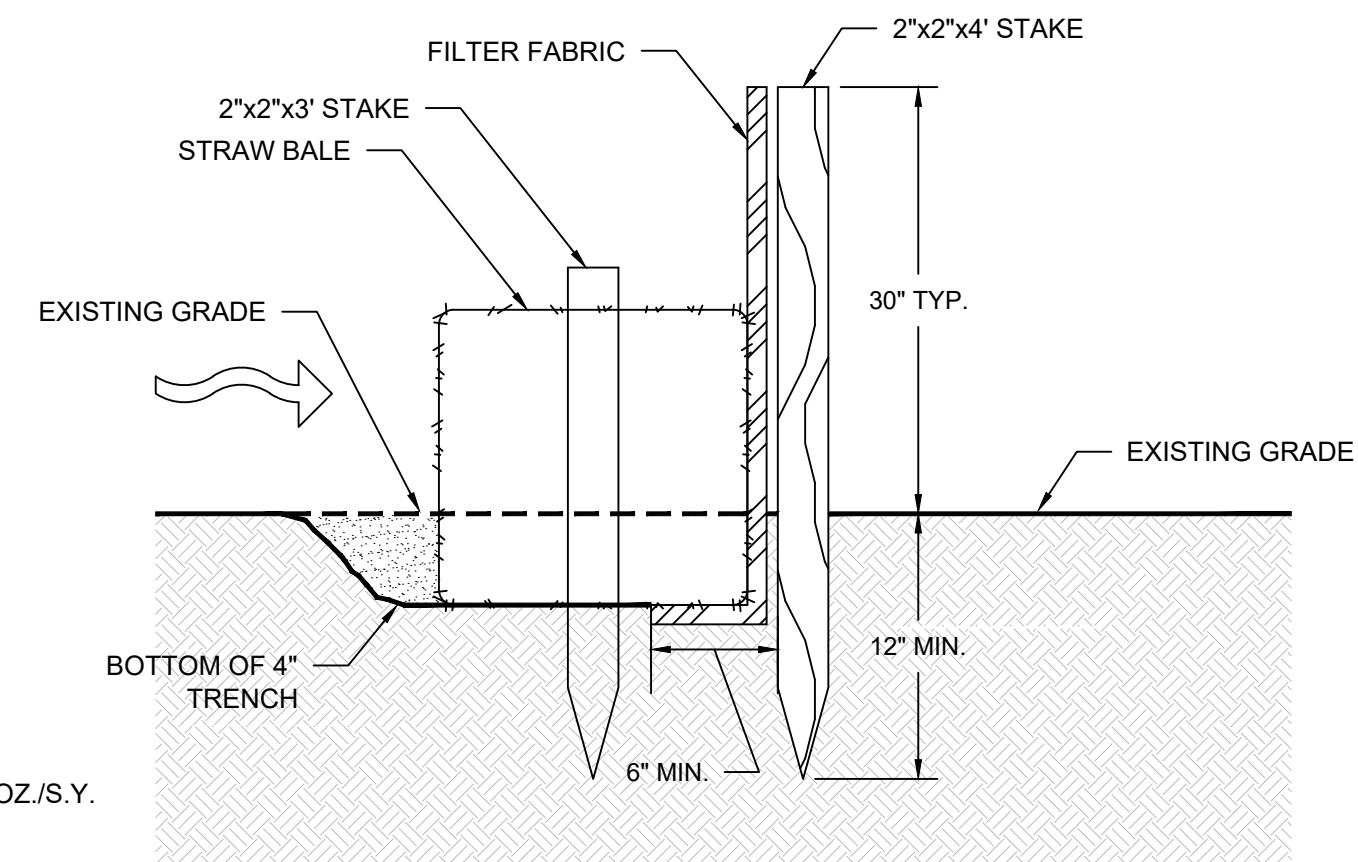
- NOTE:
1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF LIME, FERTILIZER, AND SEED.
 2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
 3. ROLL THE BLANKETS (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE.
 4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" OVERLAP.
 5. WHEN BLANKETS MUST BE SPLICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 4" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART.

EROSION CONTROL BLANKET INSTALLATION DETAIL
SCALE: N.T.S.



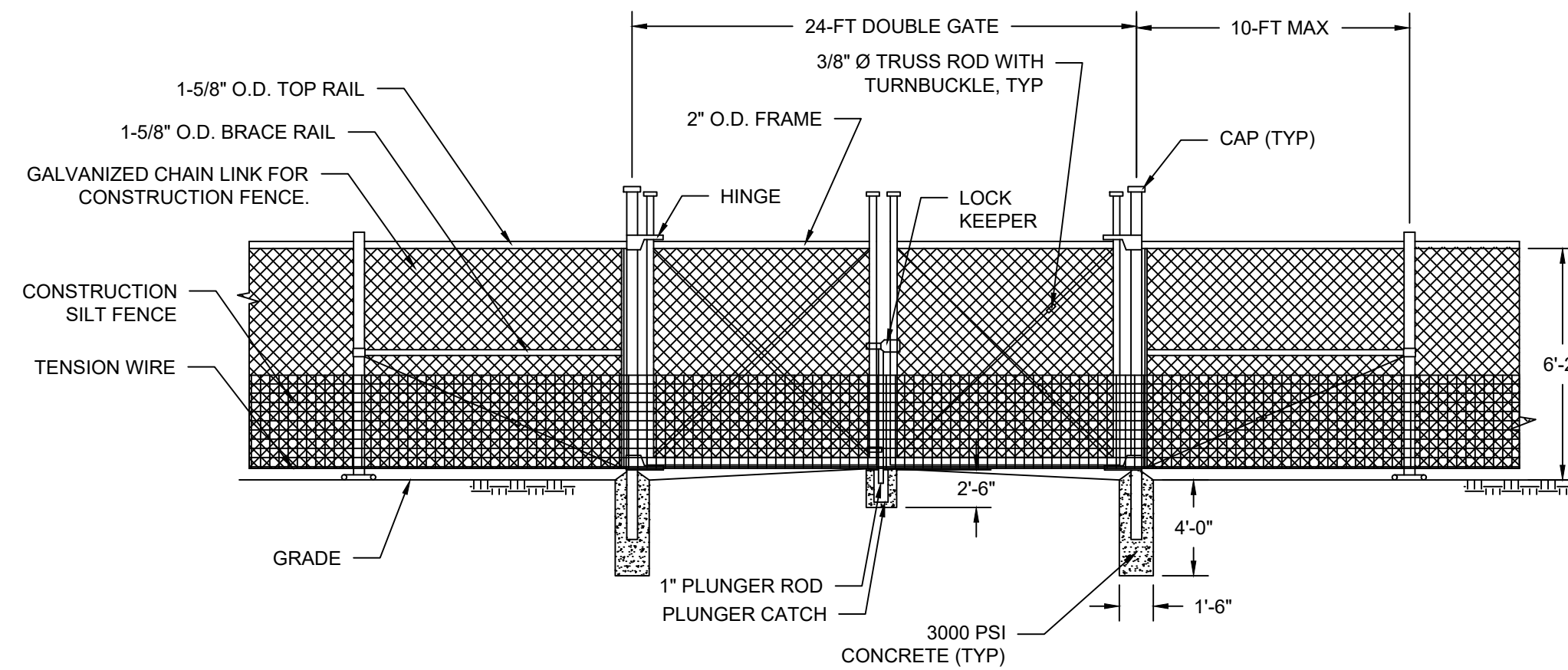
- NOTES:
1. FABRIC TO BE UV RESISTANT POLYPROPYLENE WITH A MINIMUM WEIGHT OF 2.5 OZ./S.Y.
 2. FABRIC TO BE ATTACHED TO STAKES WITH STAPLES.
 3. USE SLIT FENCE AND STRAW BALES WHERE INDICATED OR AS DIRECTED BY ENGINEER.
 4. WHERE STRAW BALES ARE USED, TRENCH A MINIMUM OF 4" INTO EXISTING GRADE.
 5. A MINIMUM OF (2) WOODEN OR METAL STAKES PER STRAW BALE. DRIVE STAKES A MINIMUM OF 12" INTO GROUND.

TEMPORARY SILT FENCE WITH STRAW BALES
SCALE: N.T.S.

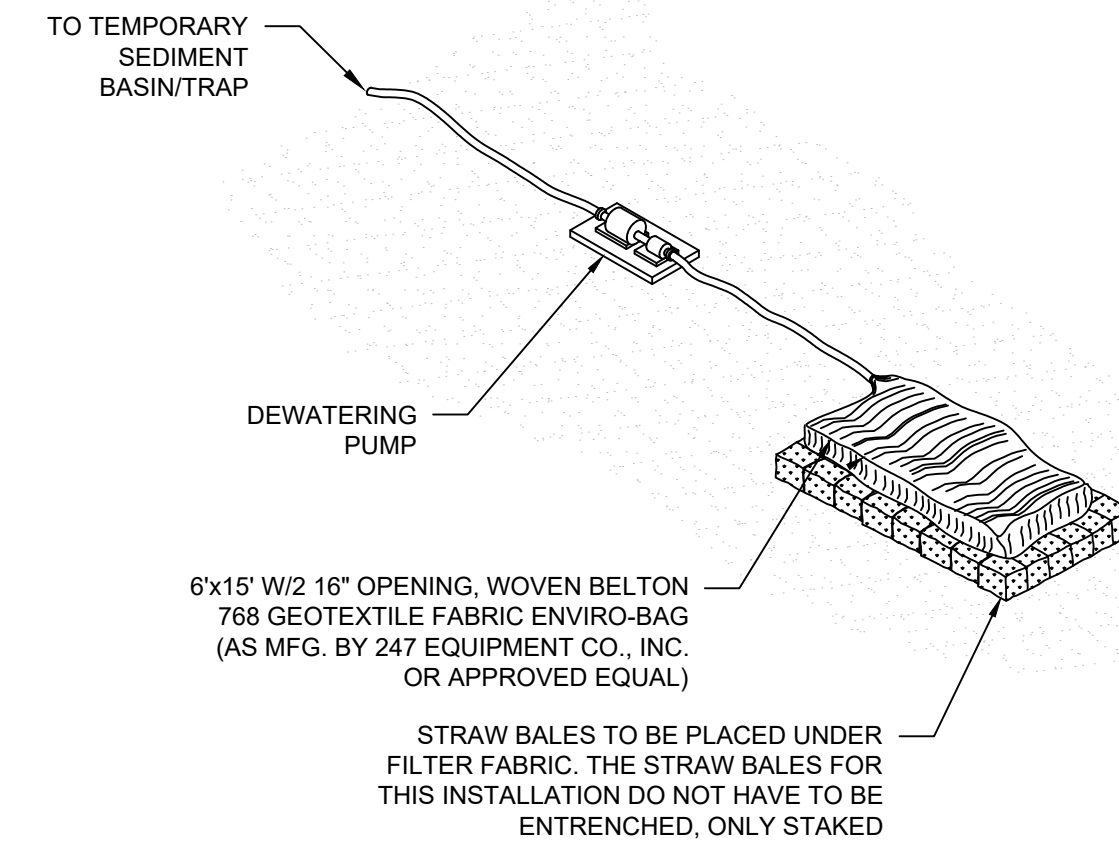


SECTION

PLOTTED: 03/02/2023 3:59 PM BY: kenneh.mccandless
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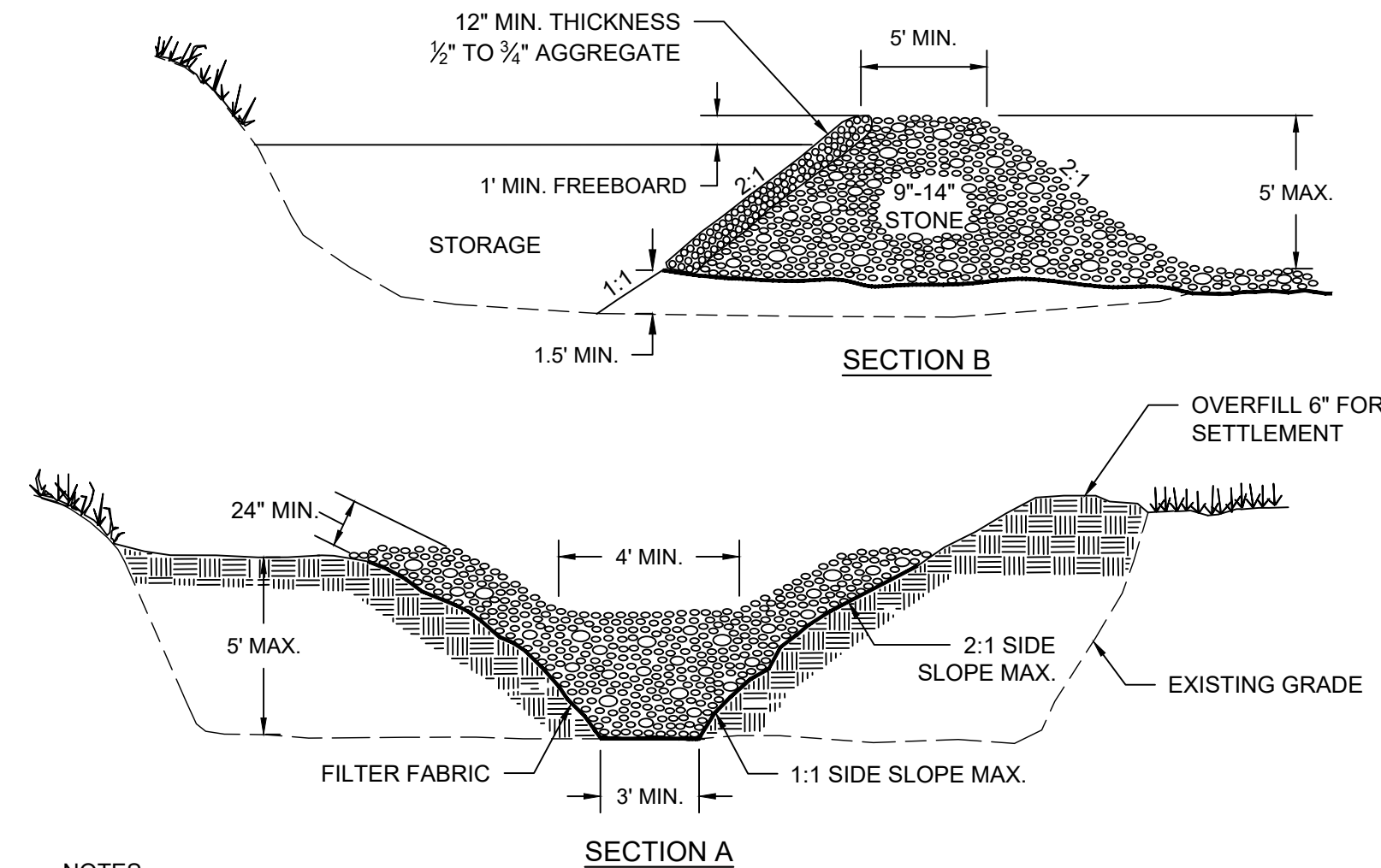
TEMPORARY CHAIN LINK FENCING
SCALE: N.T.S.



NOTES

1. WHEN ATTACHING THE HOSE TO THE FILTER FABRIC BAG, THE CLAMP MUST BE TIGHT AND PREVENT BACK FLOW AROUND THE CONNECTION.
2. WHILE IN USE, FILTER FABRIC BAGS WILL BE MONITORED HOURLY TO ASSURE PROPER FUNCTIONING. ANY PROBLEMS SHALL BE REPAIRED IMMEDIATELY AND THE BAGS SHALL BE REPLACED WHEN FULL.
3. PUMP SHALL NOT PROVIDE MORE THAN THE MAXIMUM ALLOWABLE FLOW PER ENVIRO-BAG SPECIFICATIONS (110 GPM/FT.)
4. CONTRACTOR SHALL PROVIDE SUFFICIENT STORAGE IN DESILTING BAG TO MEET THE FOLLOWING VOLUME EQUIVALENCY: 1 CU.FT./GPM DISCHARGE.
5. PLACE FILTER BAG SUCH THAT DRAINAGE FROM THE FILTER WILL DRAIN AWAY FROM THE DISTURBED AREA, INTO A NATURAL SWALE OR INLET PROTECTED FROM EROSION.
6. STAKES TO ANCHOR STRAW BALES TO BE PLACED AS TO NOT PUNCTURE SILT BAG

TEMPORARY DESILTING BAG ON BALES
SCALE: N.T.S.



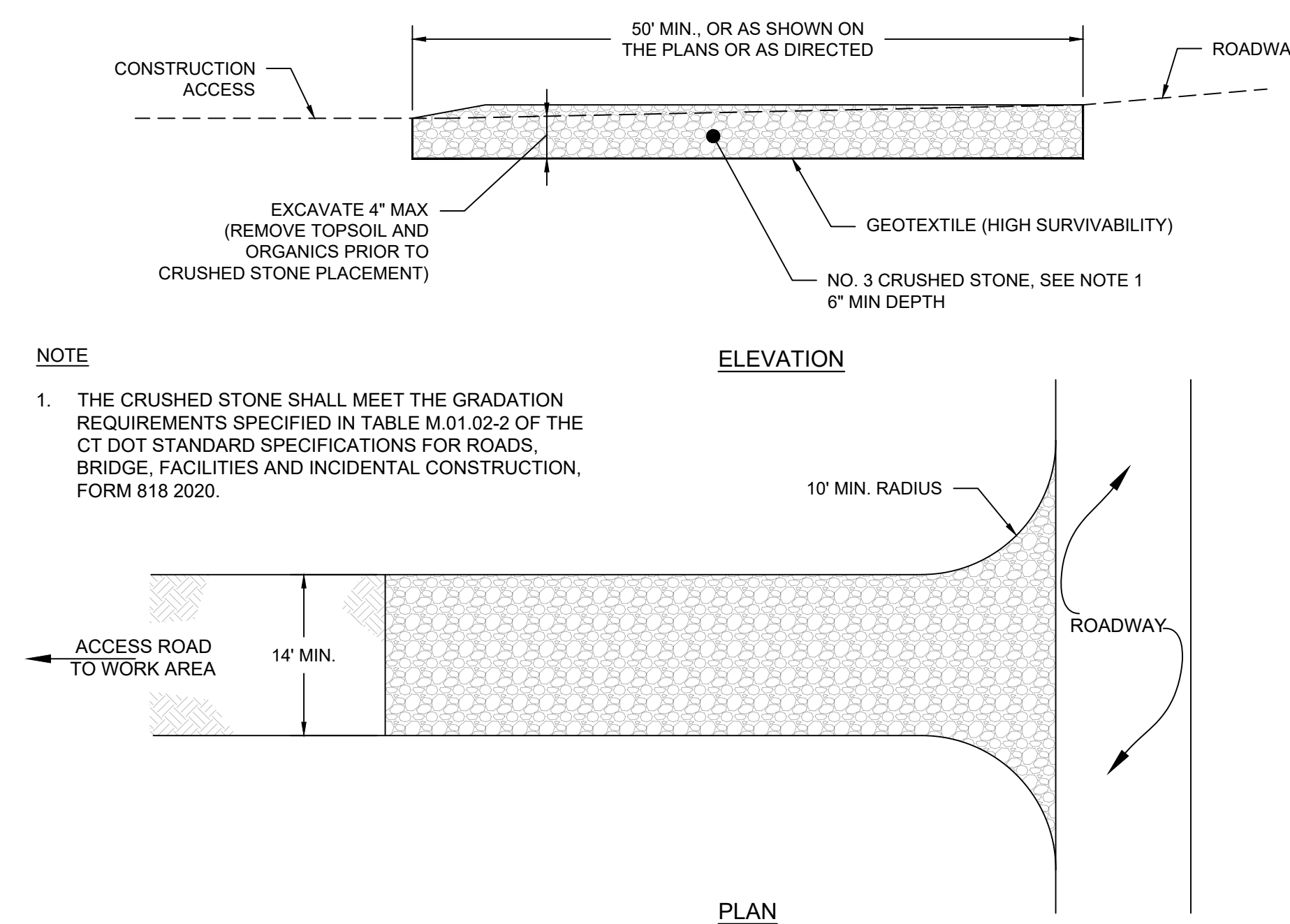
NOTES:

1. SEE CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" (2002), AS AMENDED.

MAINTENANCE:

1. REMOVE SEDIMENT AND RESTORE TRAP TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE DESIGN DEPTH OF THE TRAP. PLACE THE SEDIMENT THAT IS REMOVED IN A DESIGNATED DISPOSAL AREA AND REPLACE THE CONTAMINATED PART OF THE GRAVEL FACING.
2. CHECK THE STRUCTURE FOR DAMAGE FROM EROSION OR PIPING.
3. PERIODICALLY CHECK THE DEPTH OF THE SPILLWAY TO ENSURE IT IS A MINIMUM OF 1.5 FT BELOW THE LOW POINT OF THE EMBANKMENT. IMMEDIATELY FILL ANY SETTLEMENT OF THE EMBANKMENT TO SLIGHTLY ABOVE DESIGN GRADE.
4. ANY STONE DISPLACED FROM THE SPILLWAY MUST BE REPLACED IMMEDIATELY.

TEMPORARY SEDIMENT TRAP
SCALE: N.T.S.



NOTE

1. THE CRUSHED STONE SHALL MEET THE GRADATION REQUIREMENTS SPECIFIED IN TABLE M.01.02-2 OF THE CT DOT STANDARD SPECIFICATIONS FOR ROADS, BRIDGE, FACILITIES AND INCIDENTAL CONSTRUCTION, FORM 818 2020.

ANTI-TRACKING PAD
SCALE: N.T.S.

DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION
THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING
0 1"
IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

ORIGINAL DRAWING SIZE IS 22 x 34

CIVIL DETAILS

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

MDS-02



DRAWING ISSUE

REV	DESCRIPTION	DATE

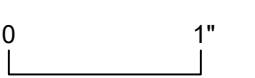
REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION

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CIVIL DETAILS

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

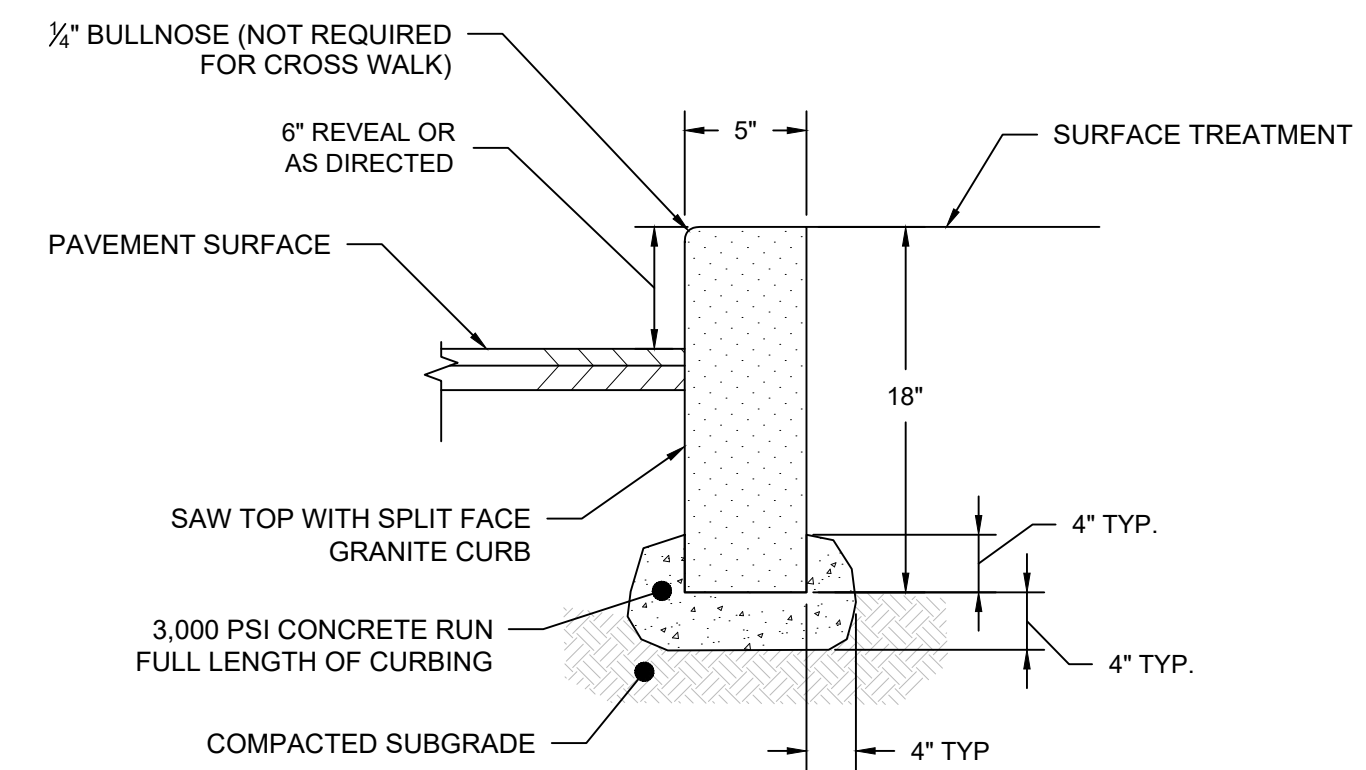


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
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CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

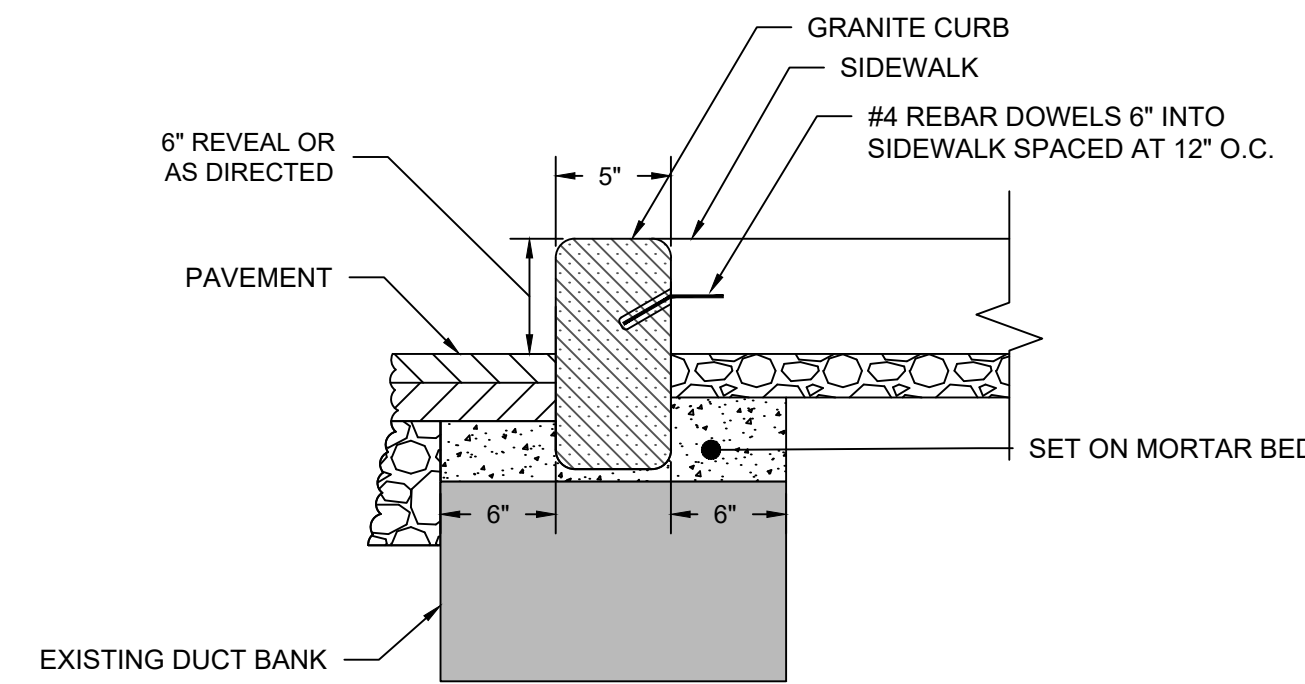
MDS-03



- NOTES:
1. THE CURBING SHALL HAVE A SMOOTH, QUARRY-SPLIT FRONT FACE, NO EXPOSED DRILL HOLES, NO PROJECTIONS GREATER THAN 3/8" OR DEPRESSIONS GREATER THAN 1/2".
 2. CURVED SECTIONS SHALL BE PROVIDED FOR RADIUS OF 50' OR LESS.

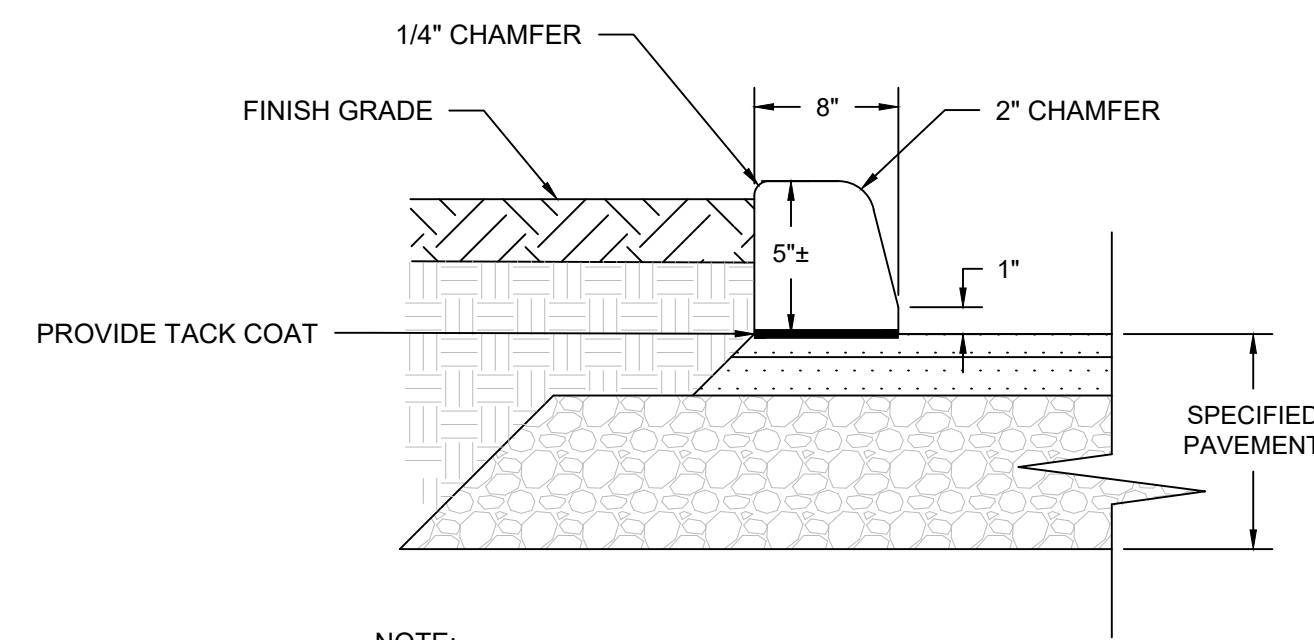
GRANITE CURB

SCALE: N.T.S.



SHALLOW GRANITE CURB

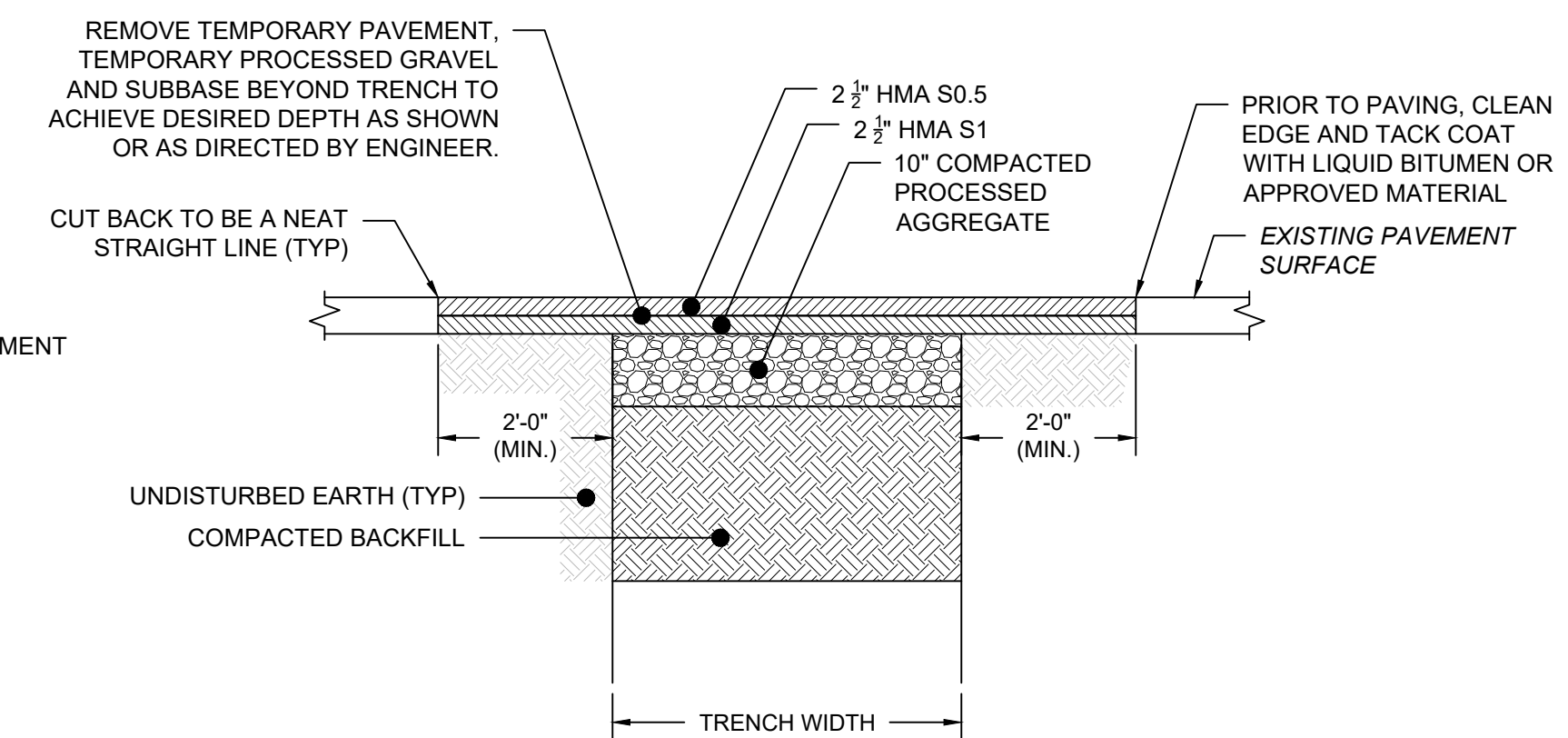
SCALE: N.T.S.



- NOTE:
1. PLACEMENT OF ASPHALT CURB SHALL BE EXTRUDED THRU STANDARD MOLD TO FORM CURB

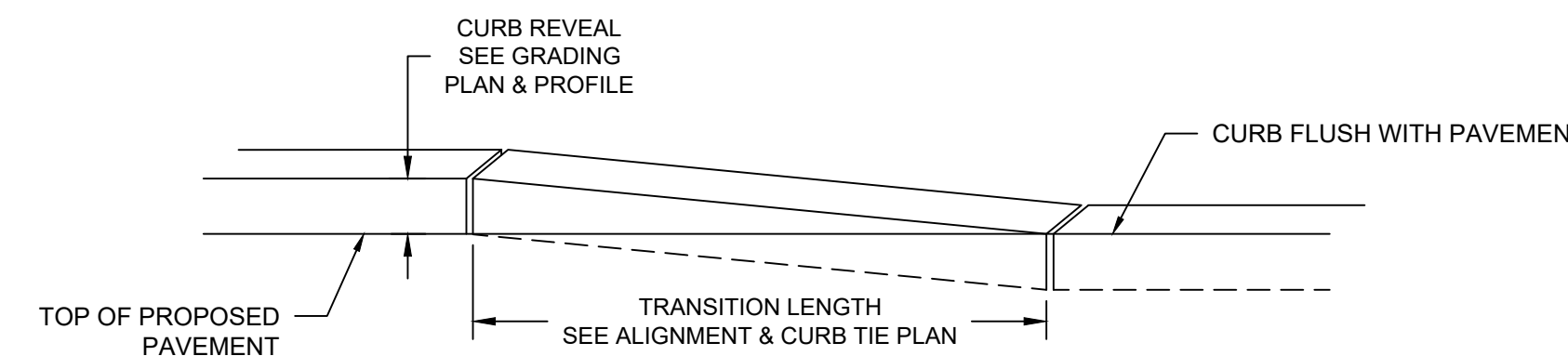
BITUMINOUS CONCRETE CURB

SCALE: N.T.S.



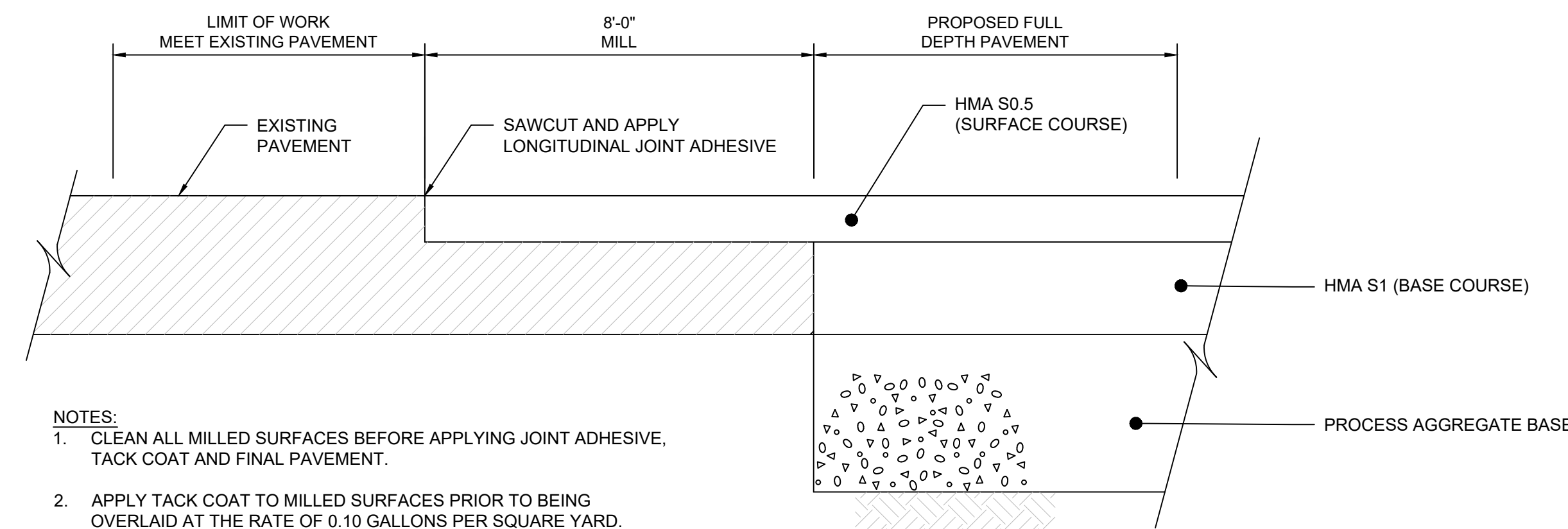
PERMANENT PAVEMENT REPAIR

SCALE: N.T.S.



CURB TRANSITION

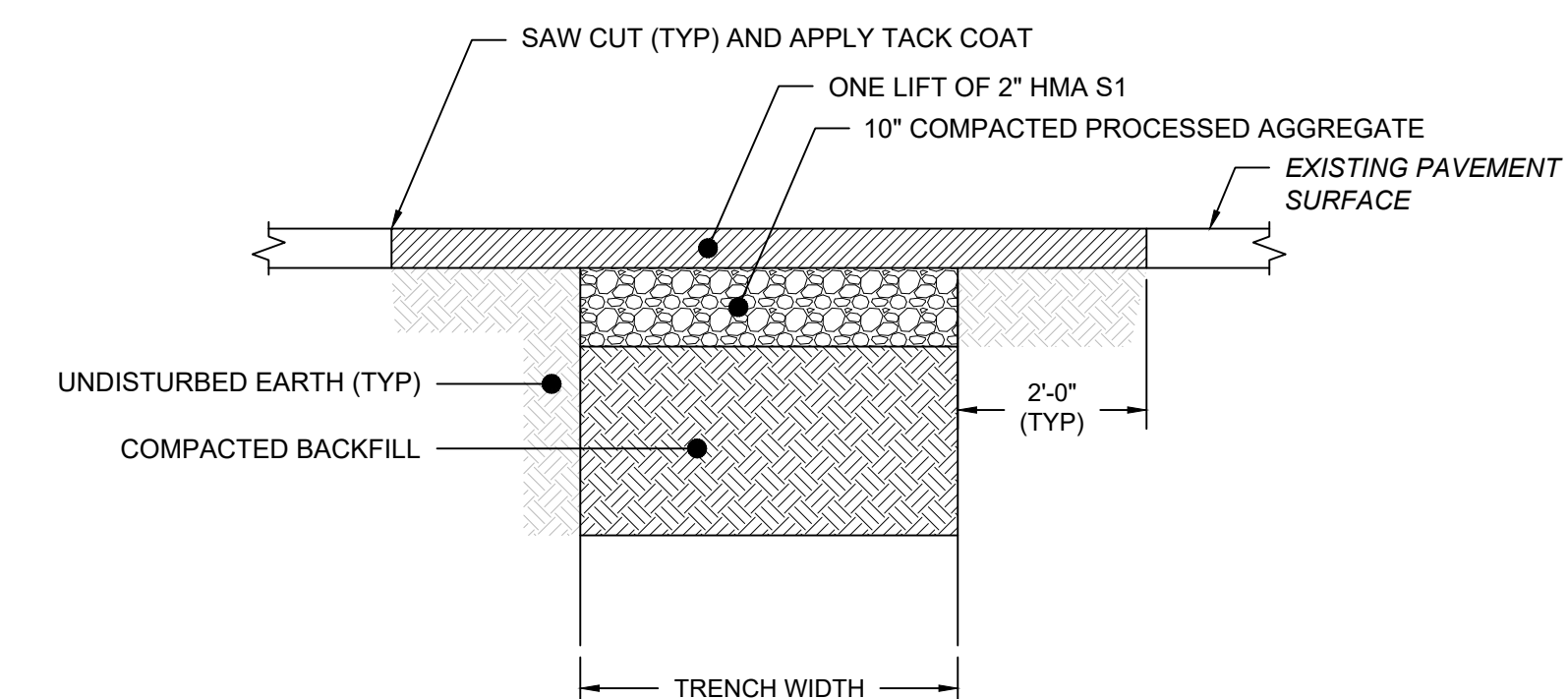
SCALE: N.T.S.



- NOTES:
1. CLEAN ALL MILLED SURFACES BEFORE APPLYING JOINT ADHESIVE, TACK COAT AND FINAL PAVEMENT.
 2. APPLY TACK COAT TO MILLED SURFACES PRIOR TO BEING OVERLAID AT THE RATE OF 0.10 GALLONS PER SQUARE YARD.

PAVEMENT TRANSITION

SCALE: N.T.S.



TEMPORARY PAVEMENT REPAIR

SCALE: N.T.S.



DRAWING ISSUE

REV	DESCRIPTION	DATE

REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

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DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK

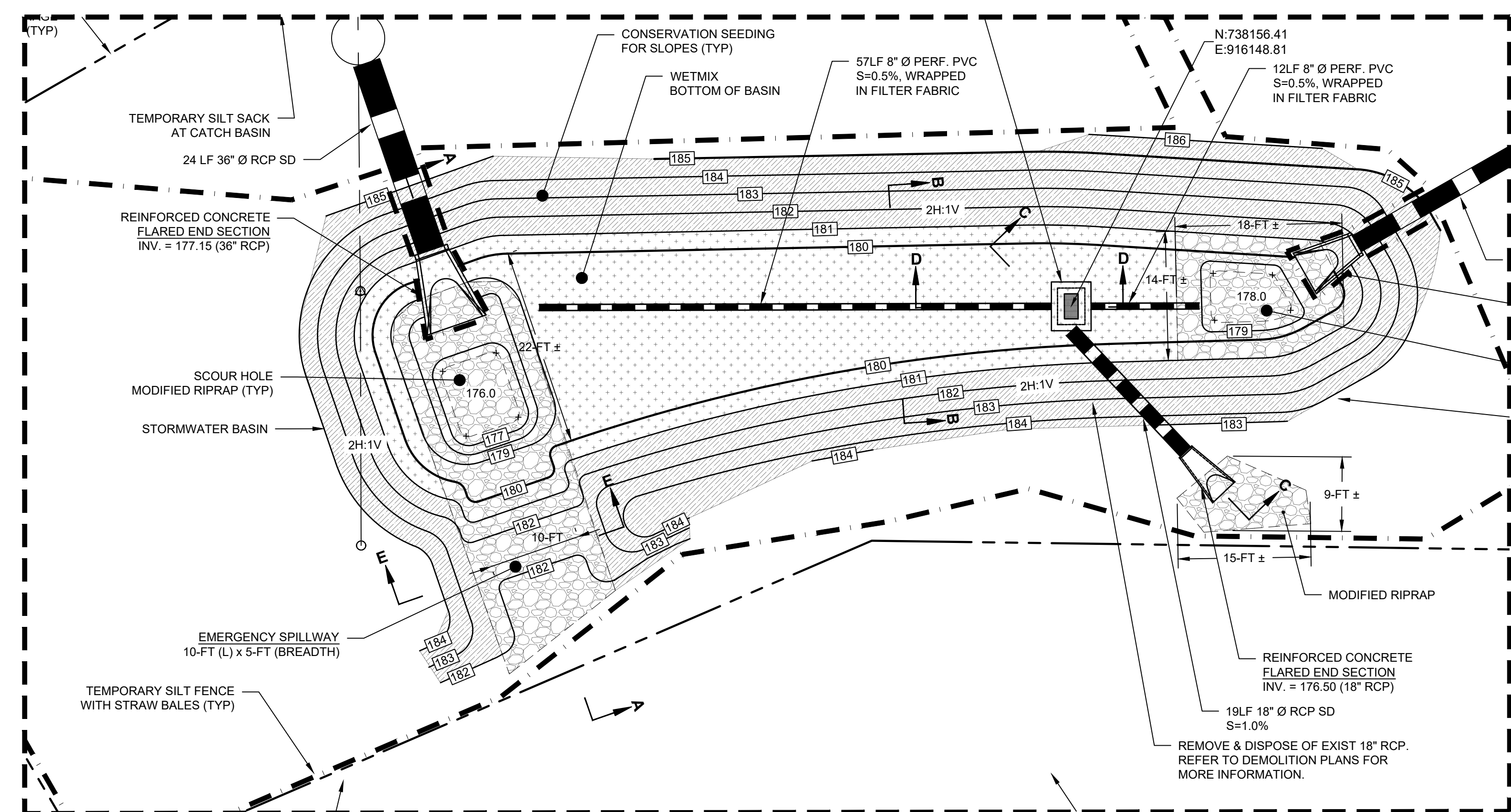


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

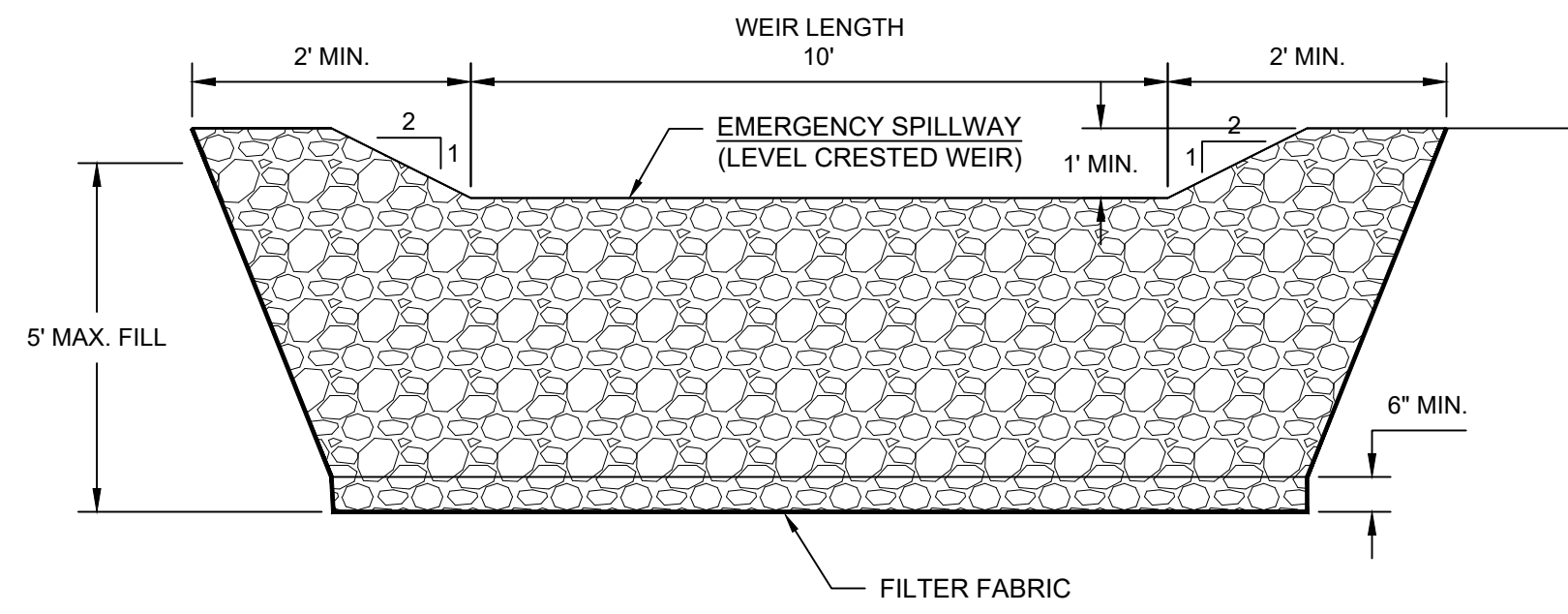
PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

MDS-04

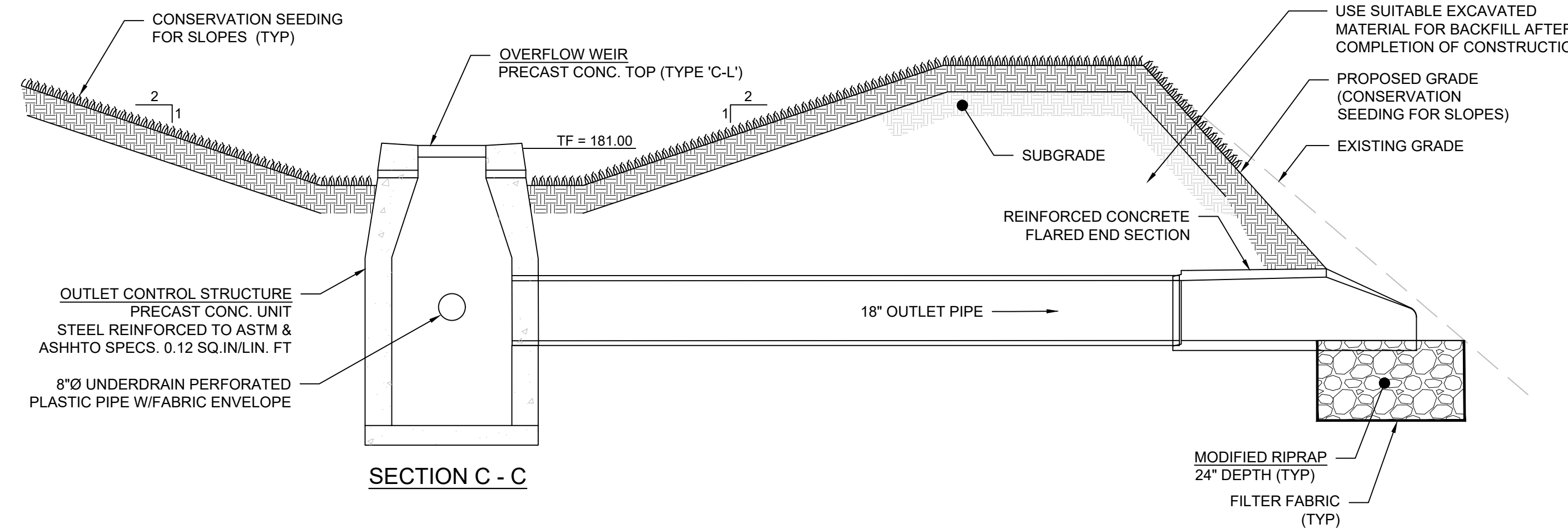


PLAN
SCALE: 1" = 10'

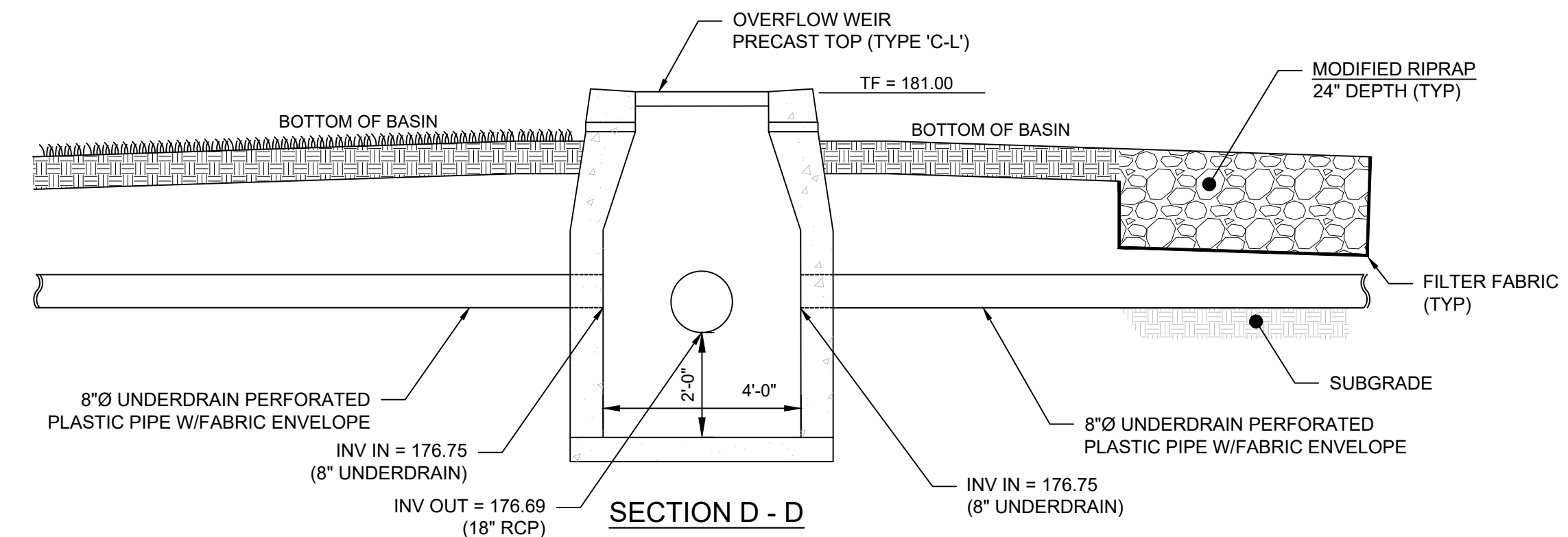
SEE OGP-1, OUTLET DRAINAGE & GRADING PLAN FOR FULL EXTENTS



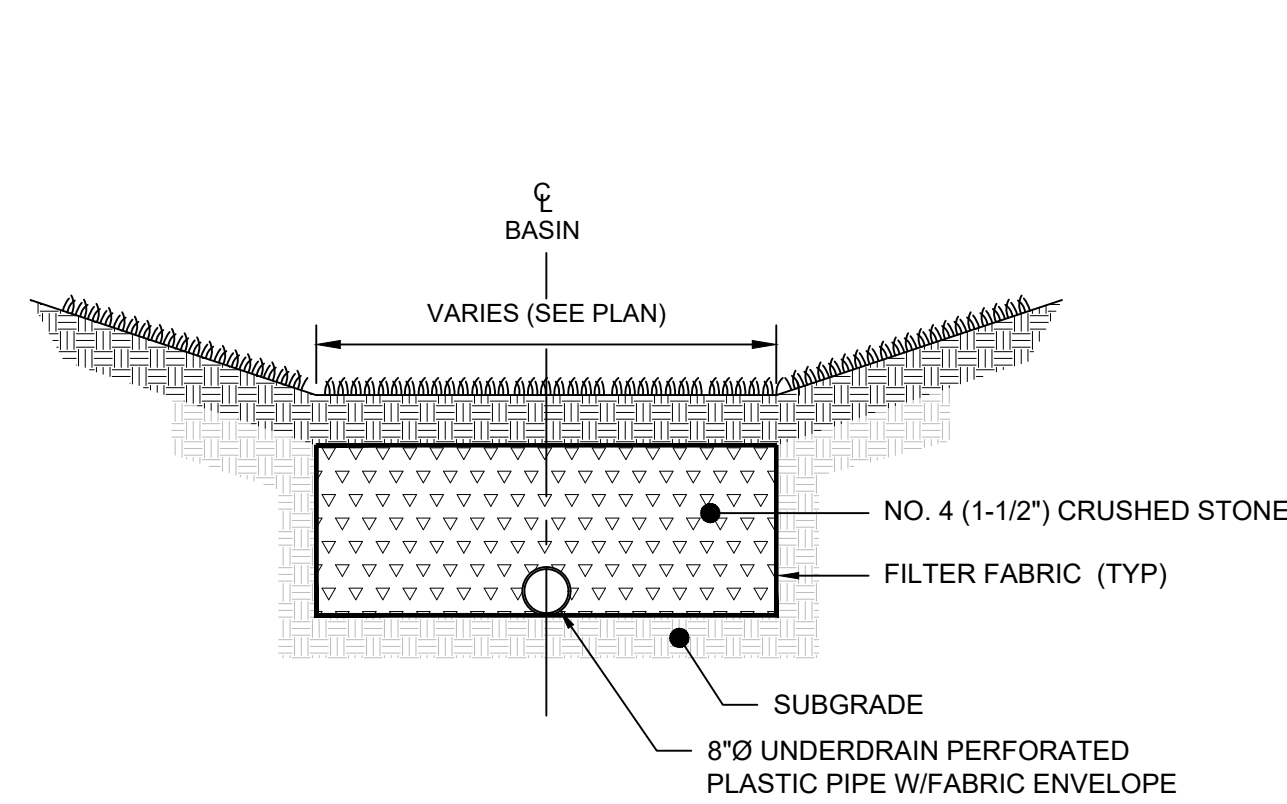
SECTION E - E



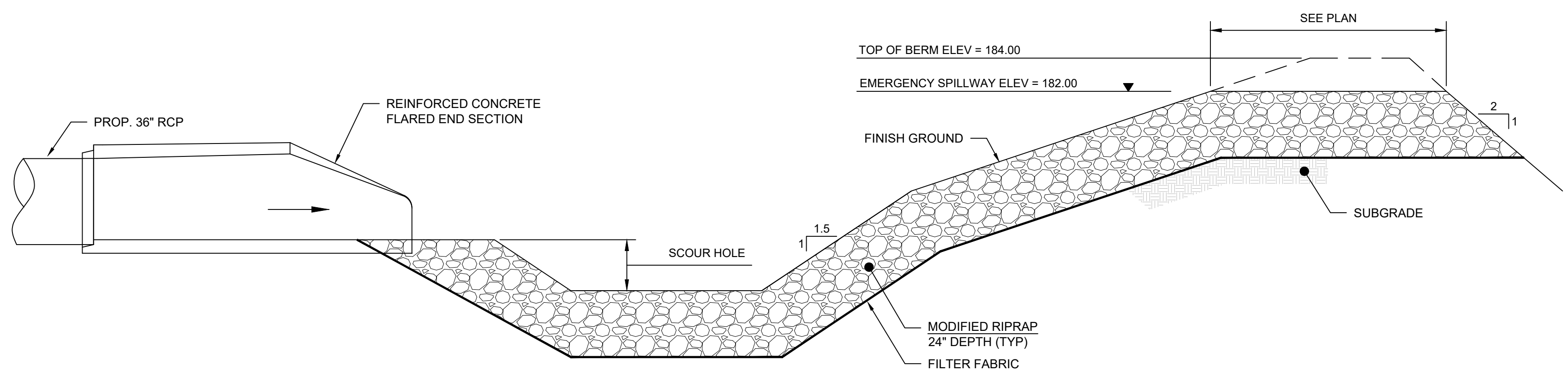
SECTION C - C



SECTION D - D



SECTION B - B



SECTION A - A

NOTE

- THE CRUSHED STONE SHALL MEET THE GRADATION REQUIREMENTS SPECIFIED IN TABLE M.01-02-2

PLOT/TEED: 06/30/2023 3:59 PM BY: kenneh.mccandless LAYOUT: MDS-04 CAD FILE: C:\pwworking\kleinfelder\proj\20225069\01\mcs\20225069_KLE_Details.dwg



DRAWING ISSUE

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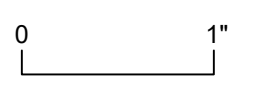
REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION

THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING



IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

ORIGINAL DRAWING SIZE IS 22 x 34

CIVIL DETAILS

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

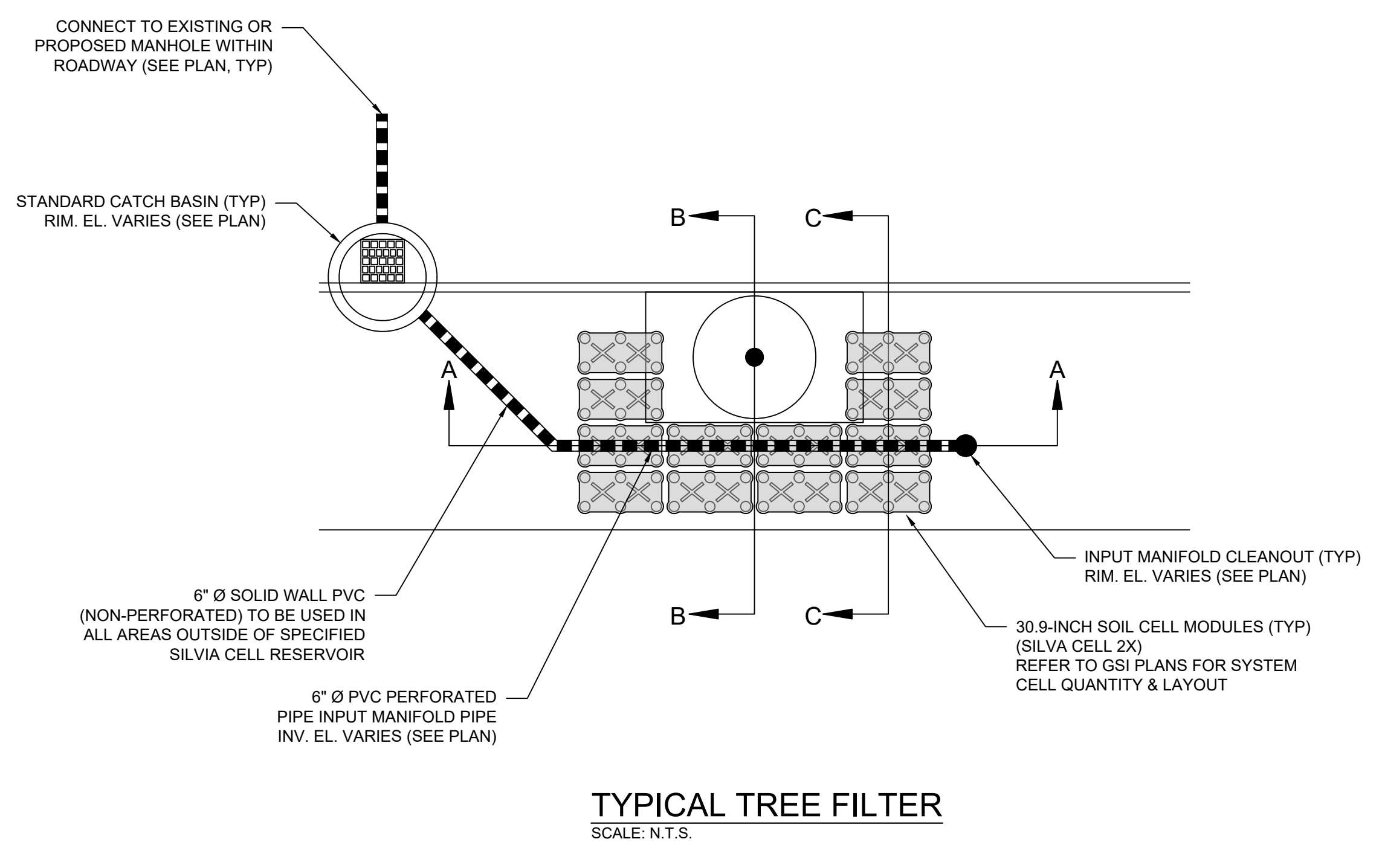
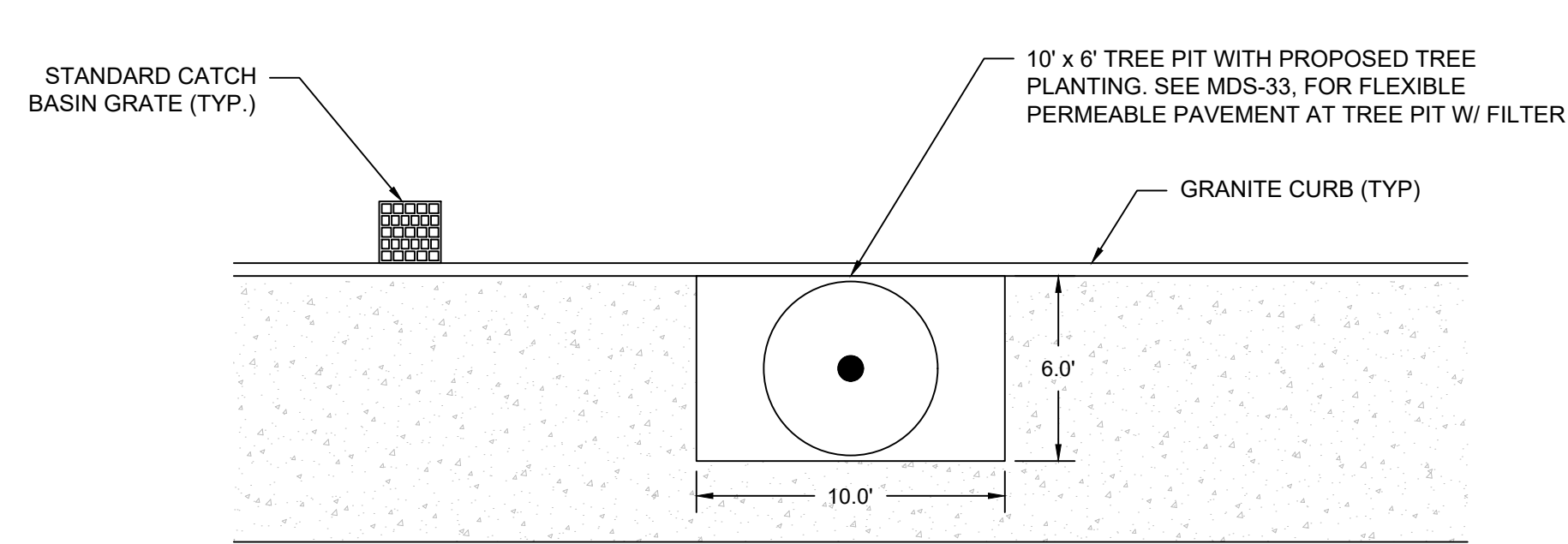
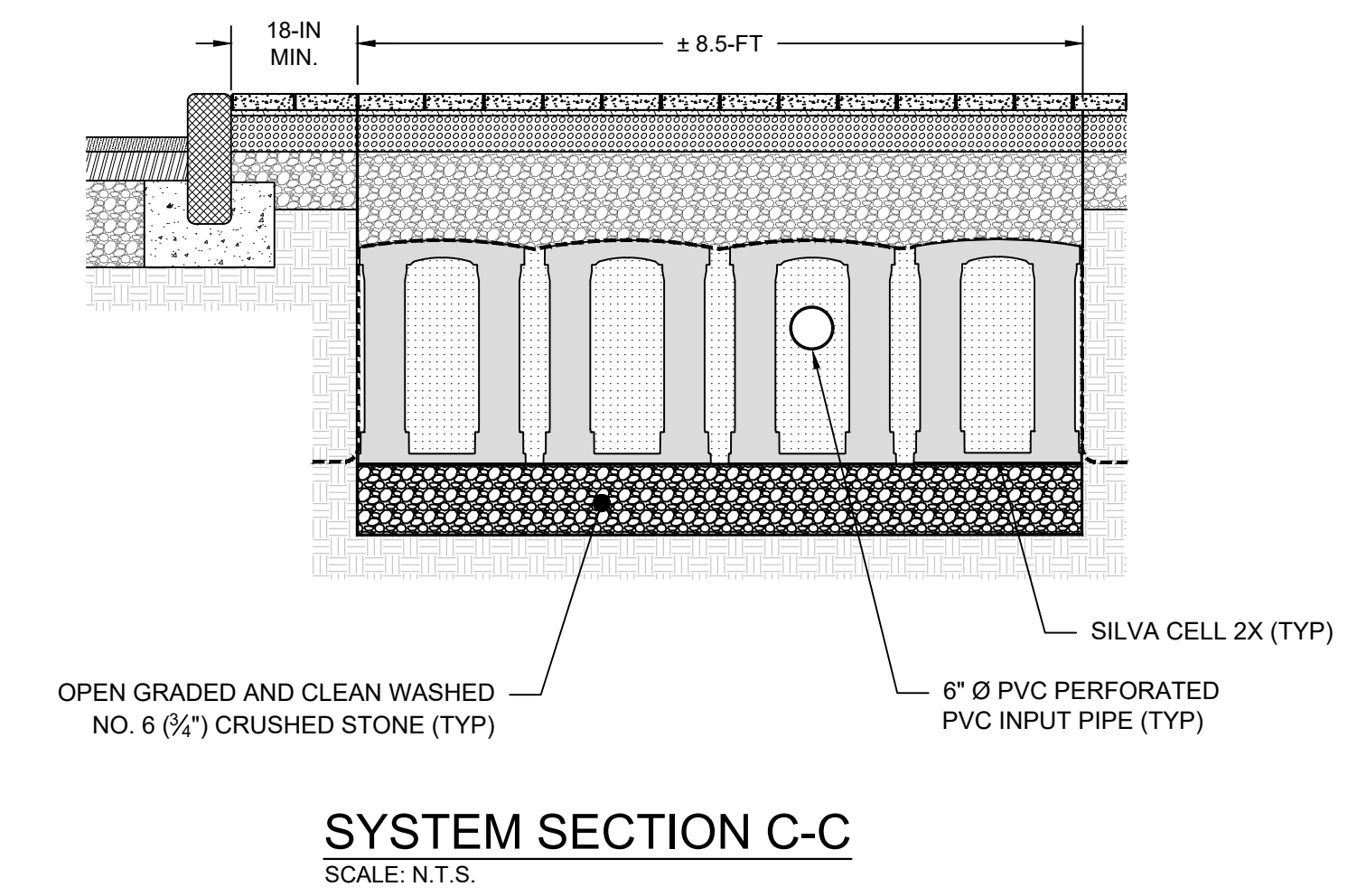
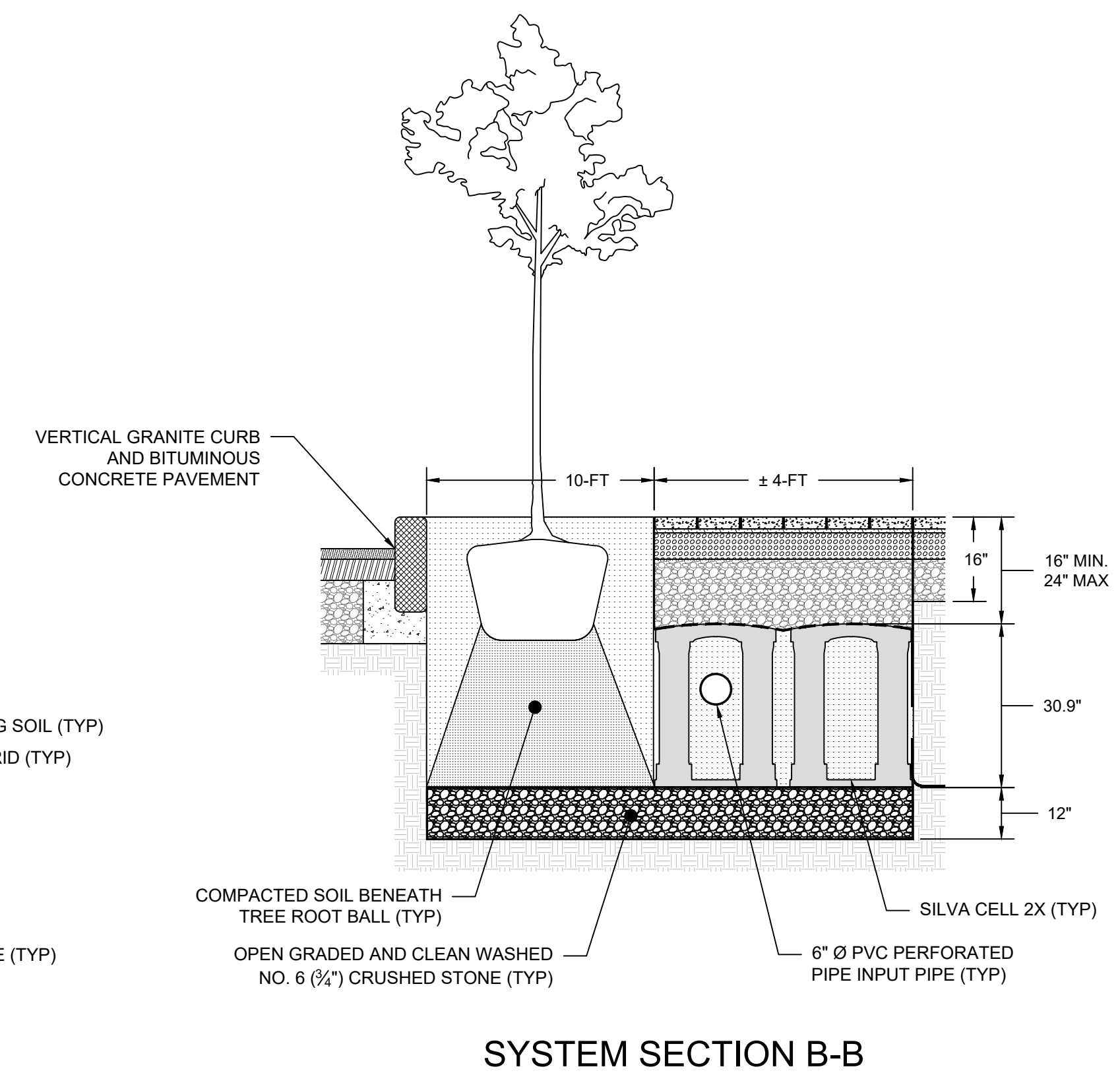
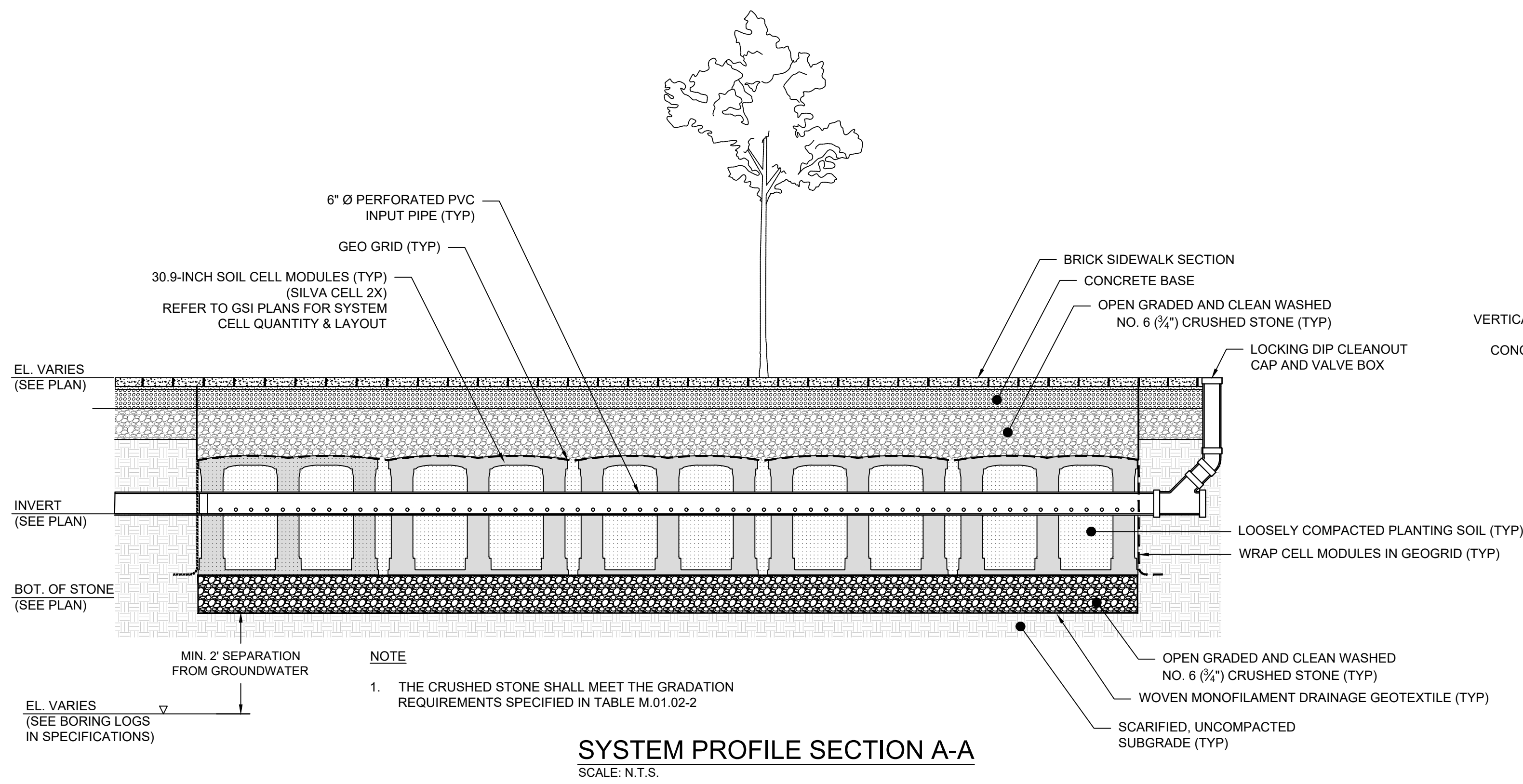


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

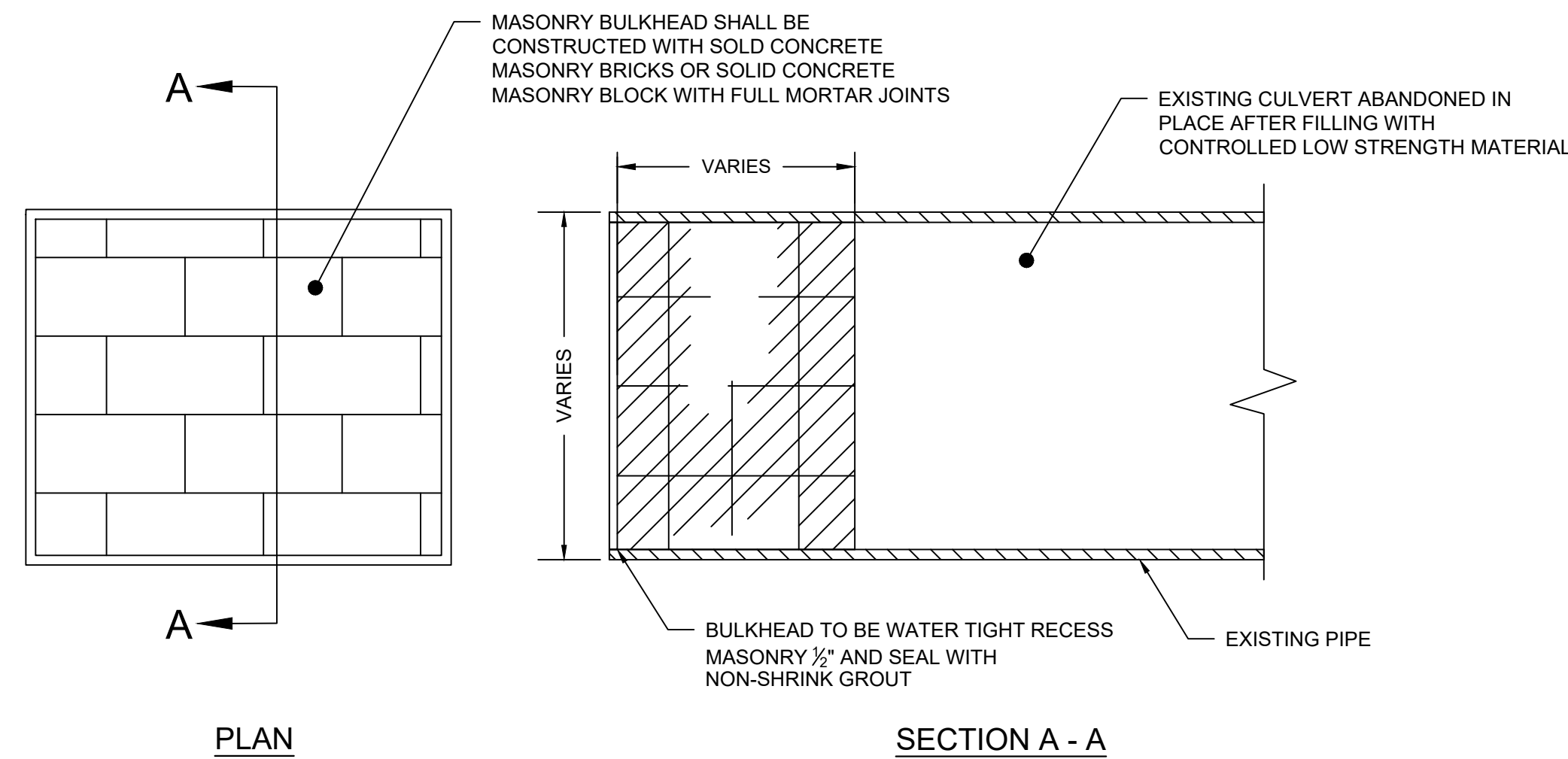
ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

MDS-05



PLOTTED: 03/02/2023 4:00 PM BY: kenneh.mccandless
LAYOUT: MDS-05
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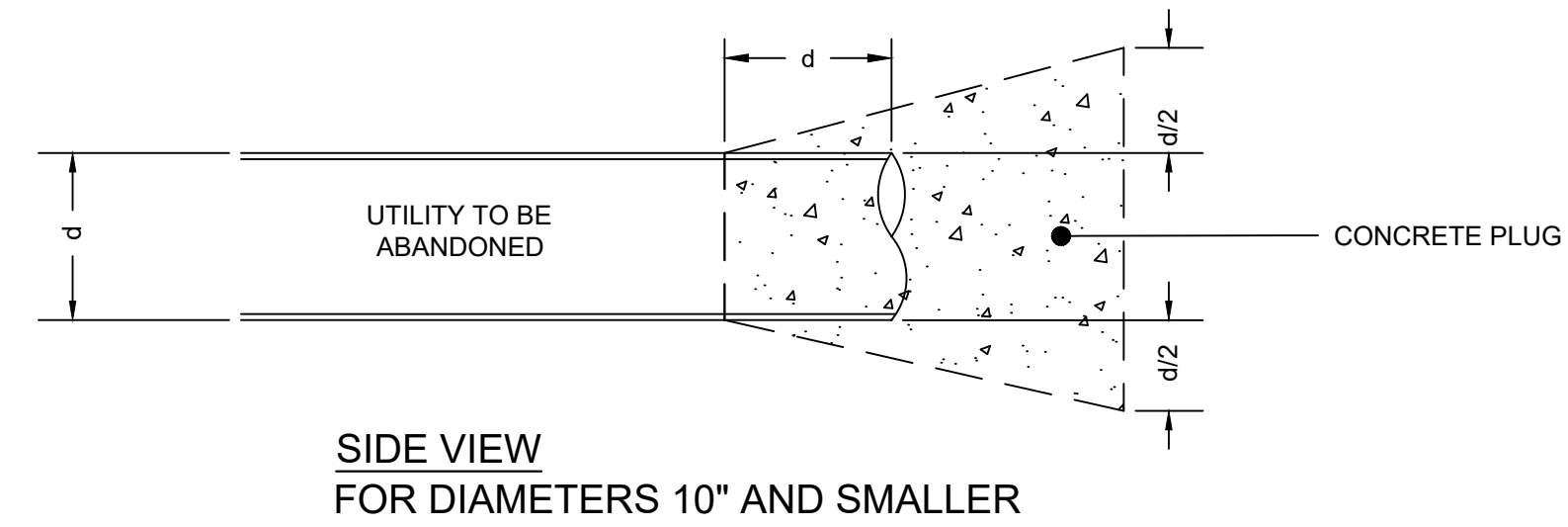
PLAN

SECTION A - A

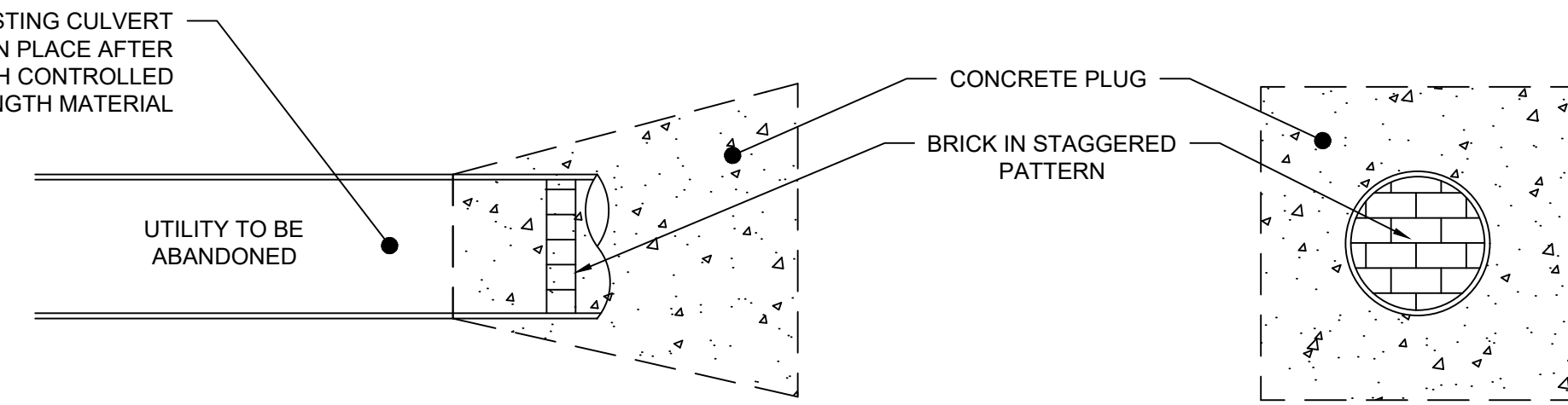
NOTE:

1. PIPE AND STRUCTURE ABANDONMENT, INCLUDING ALL BULKHEADING OF OUTLET AND INLET PIPES SHALL BE PAID FOR UNDER ITEM NO. 0586086A

CULVERT BULKHEAD
SCALE: N.T.S.



SIDE VIEW FOR DIAMETERS 10" AND SMALLER



SIDE VIEW FOR DIAMETERS 10" AND SMALLER

FRONT VIEW

NOTE:

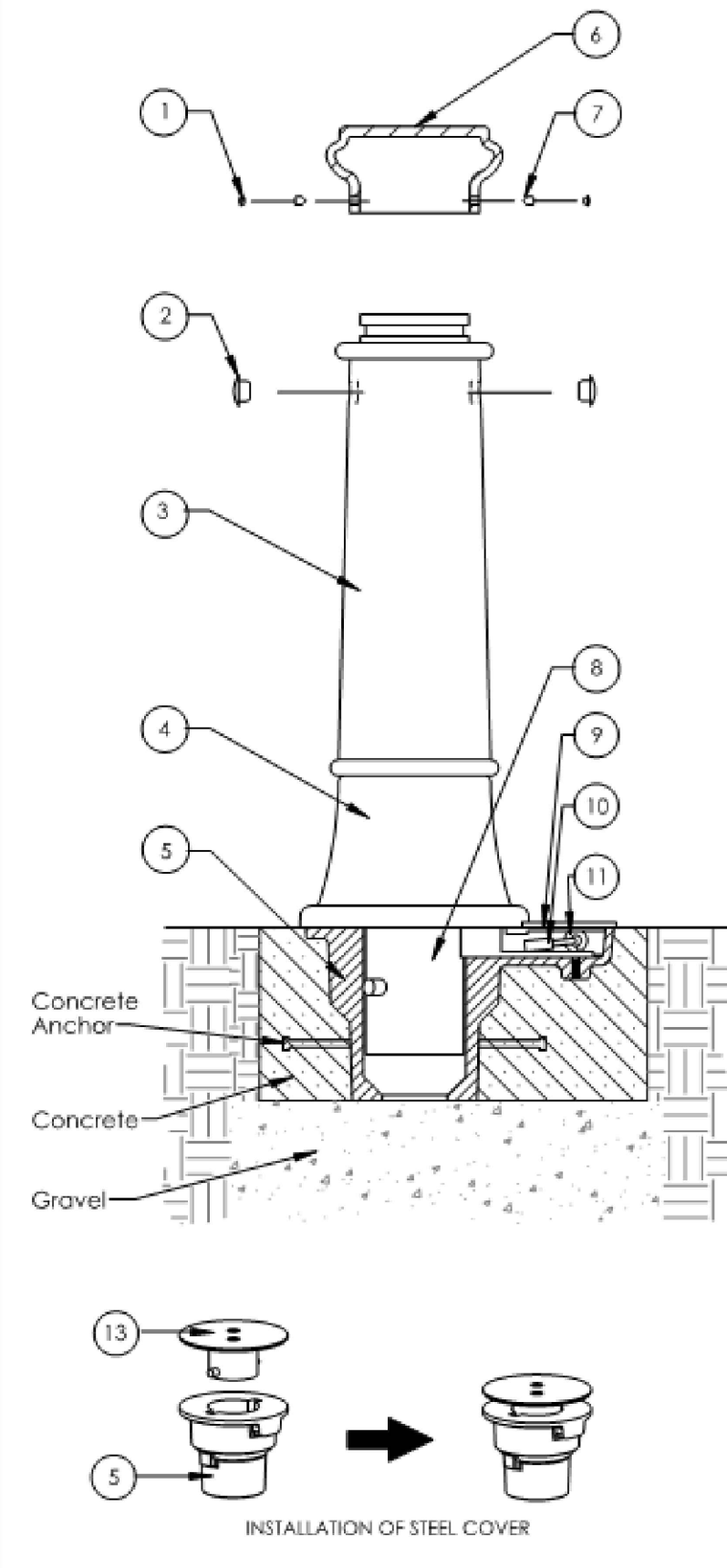
1. PIPE AND STRUCTURE ABANDONMENT, INCLUDING ALL BULKHEADING OF OUTLET AND INLET PIPES SHALL BE PAID FOR UNDER ITEM NO. 0586086A

UTILITY BULKHEAD DETAIL
SCALE: N.T.S.

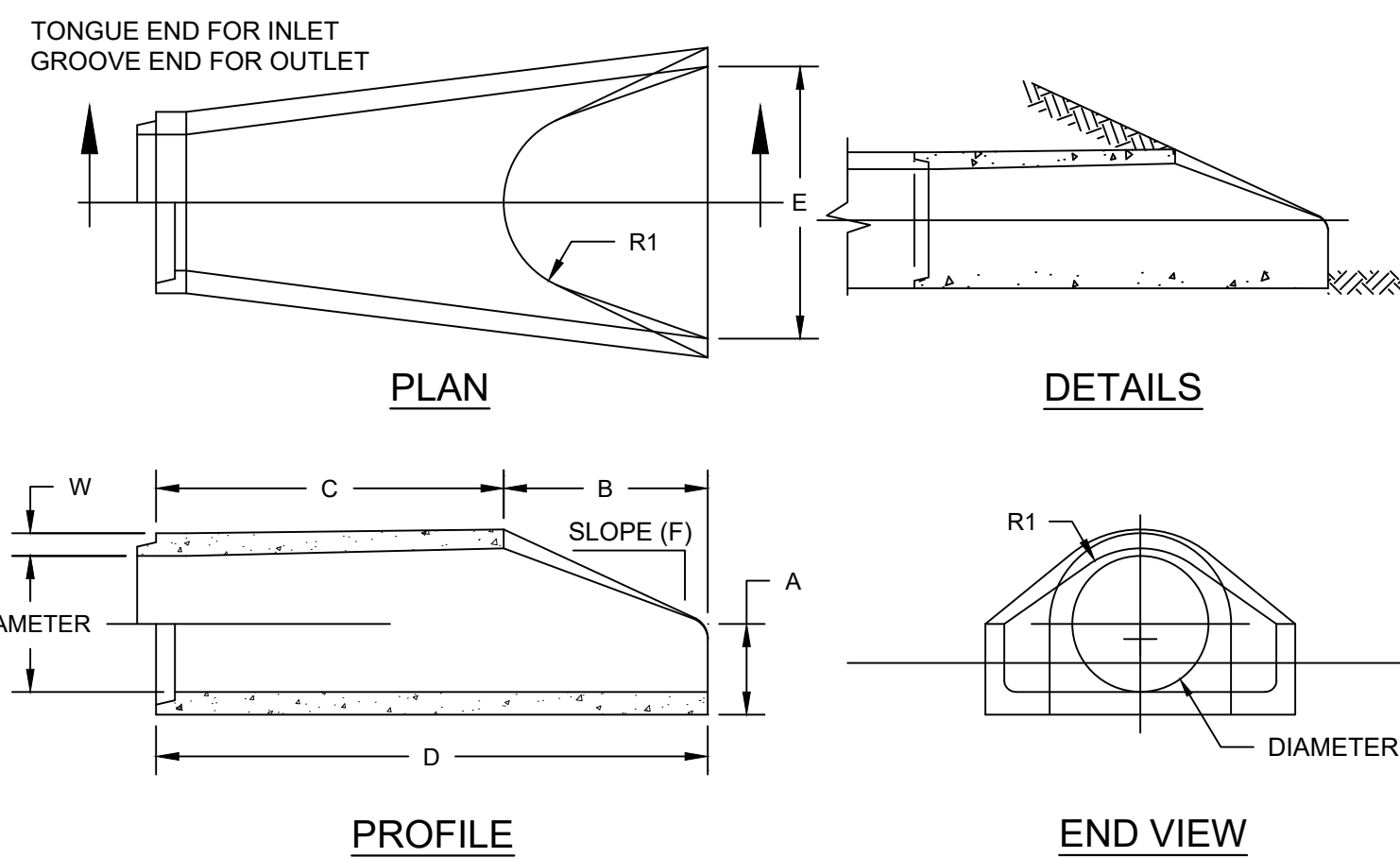
Type R2 - Padlock
Series: 150 Century
Product Number: 150-RT



ITEM	QTY	PART	WEIGHT
1	2	3/8" Plastic screw caps.	.18 g. ea.
2	2	1" Plastic bar hole caps.	5 g. ea.
3	1	150 Cast Iron plain body.	51.6 lbs.
4	1	150 Cast Iron taper base.	31.7 lbs.
5	1	150 Cast Iron R-2 insert.	47.2 lbs.
6	1	6" Cast Iron Round top.	13.6 lbs.
7	2	3/8" Stainless steel set screws.	2.7 g. ea.
8	1	150 Steel locking pipe for R-2.	16.5 lbs.
9	1	Plastic padlock cover	82 g.
10	1	Steel padlock	.3 lbs.
11	1	Threaded eyebolt	27 g.
12	1	30" Steel Install/Removal Bar.	3.8 lbs.
13	1	Removable steel plug.	9.25 lbs.

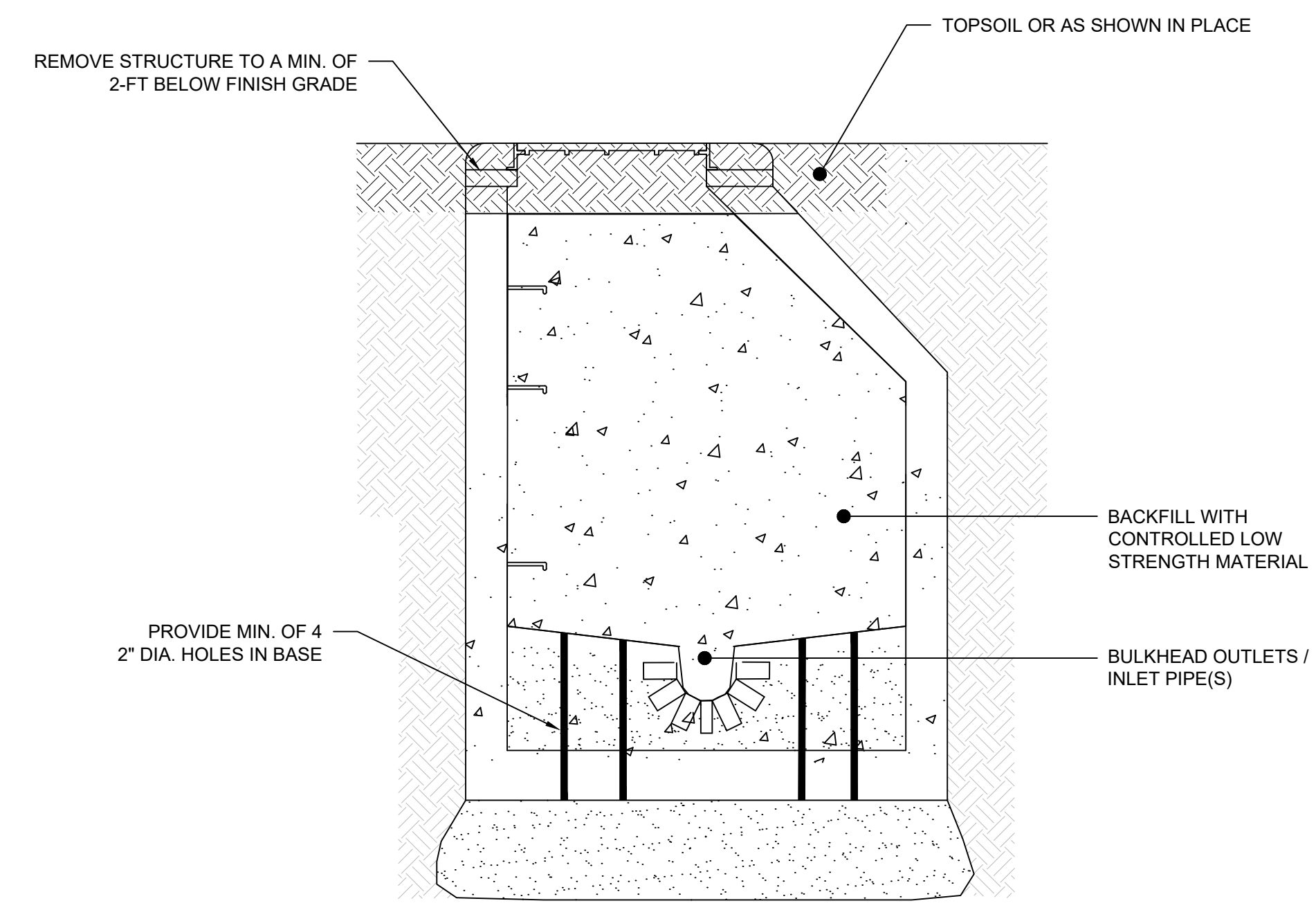


REMOVABLE BOLLARD
SCALE: N.T.S.



Diameter	Dimensions							
	A	B	C	D	E	F	R1	W
12"Ø	4"	2'-0"	4'-0 7/8"	6'-0 7/8"	2'-0"	3:1	9"	2 9/16"
15"Ø	6"	2'-3"	3'-10"	6'-1"	2'-6"	3:1	11"	2 11/16"
18"Ø	9"	2'-3"	3'-10"	6'-1"	3'-0"	3:1	12"	2 13/16"
24"Ø	10"	3'-8"	2'-6"	6'-2"	4'-0"	3:1	14"	5 21/32"
30"Ø	12"	4'-6"	1'-8"	6'-2"	5'-0"	3:1	15"	4 17/32"
36"Ø	15"	5'-3"	2'-11"	8'-2"	6'-0"	3:1	20"	4 17/32"
42"Ø	21"	5'-3"	2'-11"	8'-2"	6'-6"	3:1	22"	4 13/32"

FLARED END SECTION
SCALE: N.T.S.



MANHOLE ABANDONMENT
SCALE: N.T.S.

DRAWING ISSUE

REV	DESCRIPTION	DATE

REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION
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0 1"
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CIVIL DETAILS
DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK



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APPROVED BY	N.KULKAUSKAS

MDS-06

CAD FILE: C:\pwworking\kleinfelder\project\131708\MDS_20225069_KLE_Details.dwg LAYOUT: MDS-06 PLOTTED: 6/30/2023 4:00 PM BY: klemah_mactandem



DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

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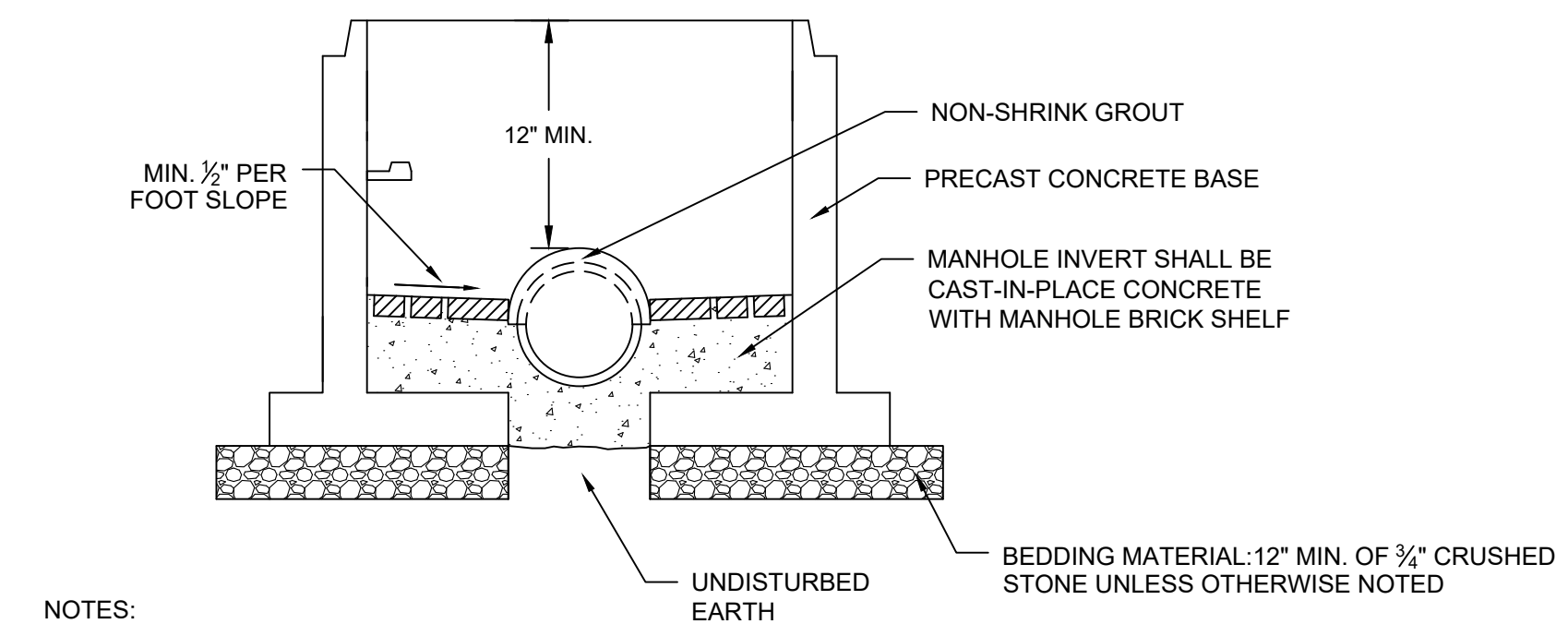
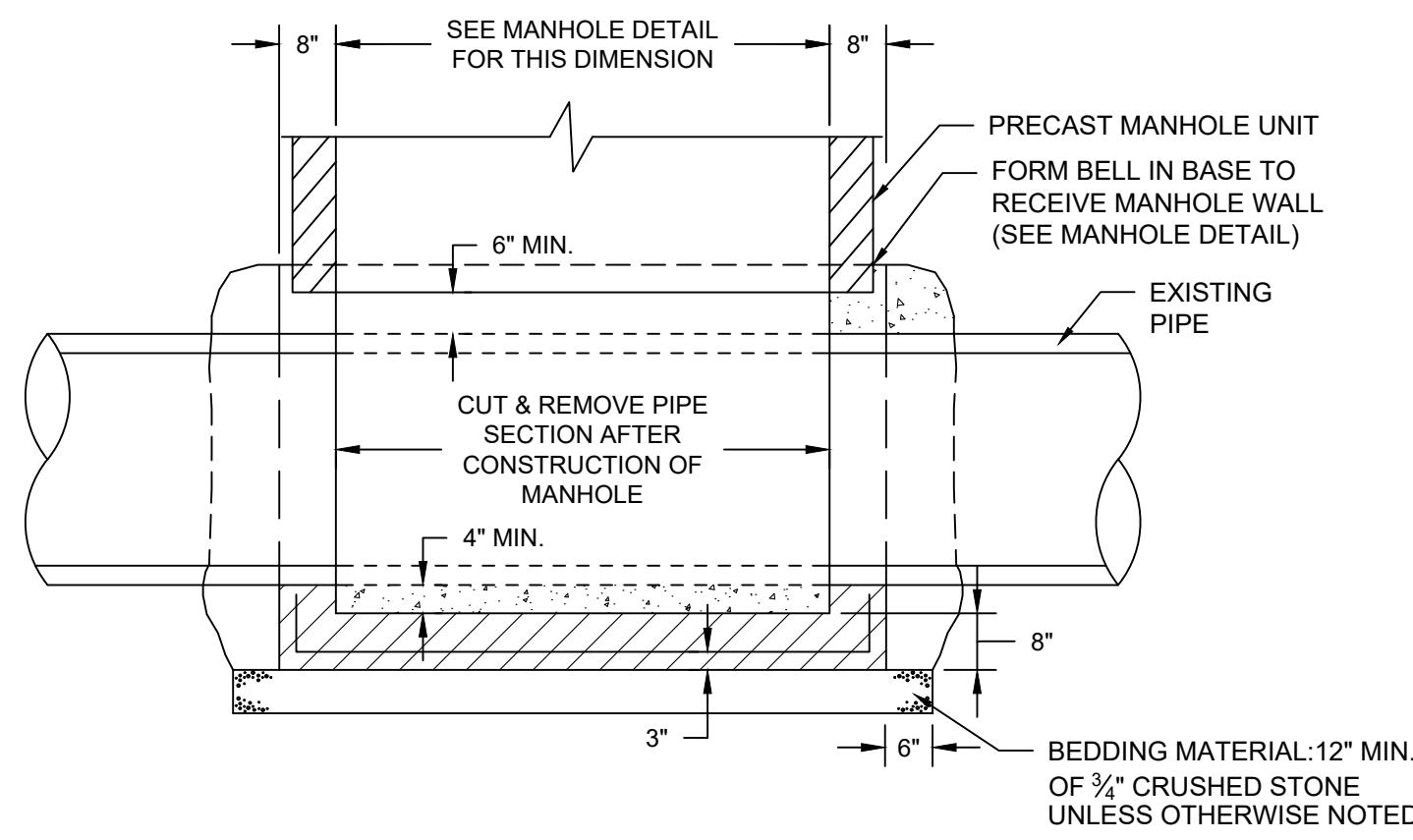
CIVIL DETAILS
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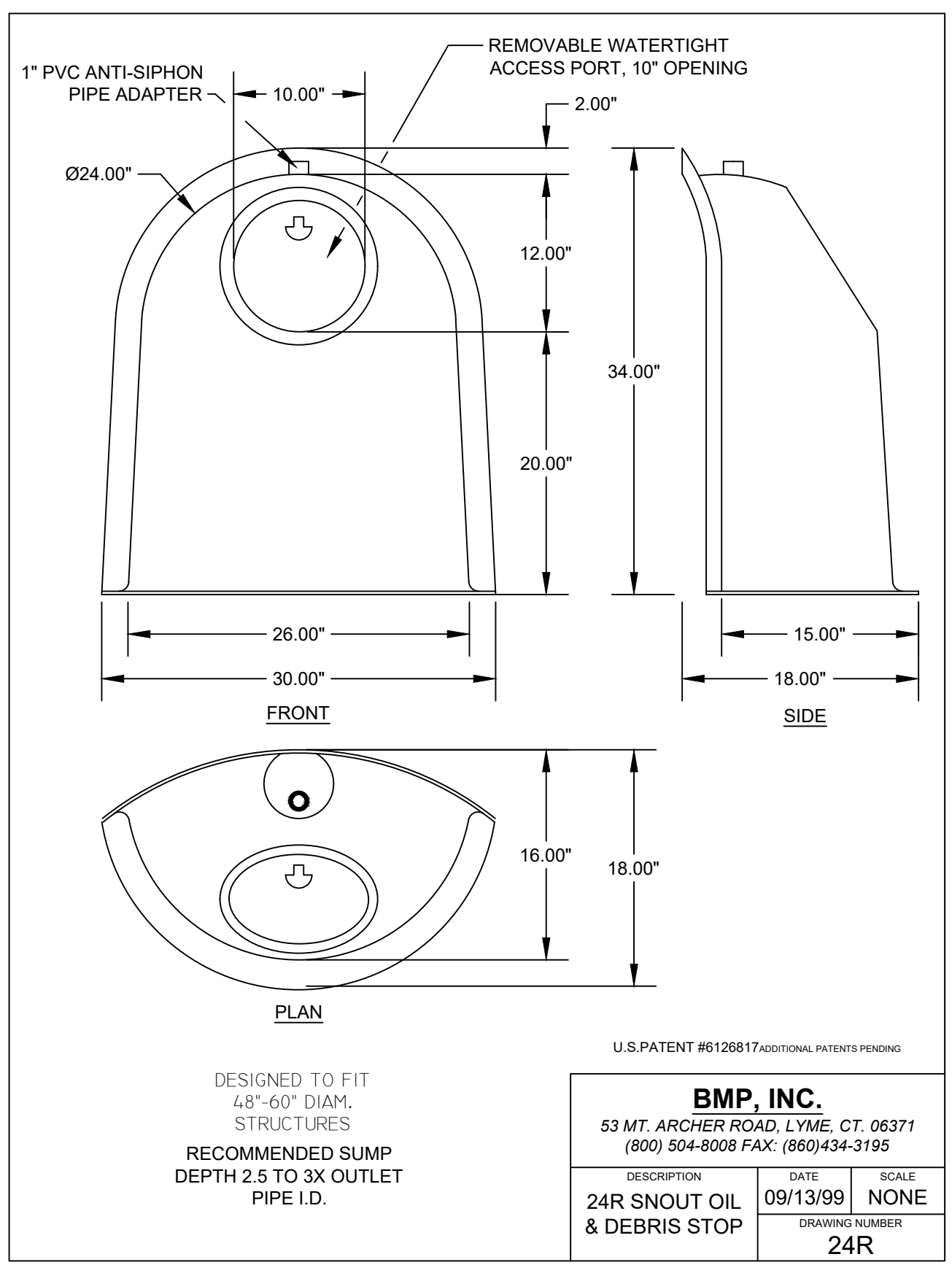
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CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

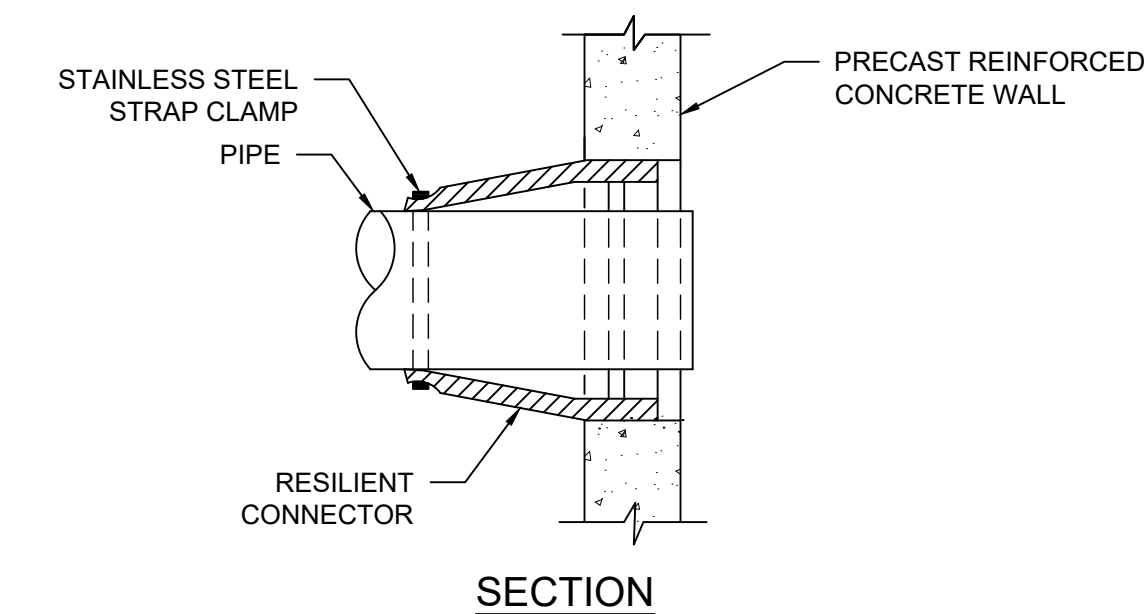
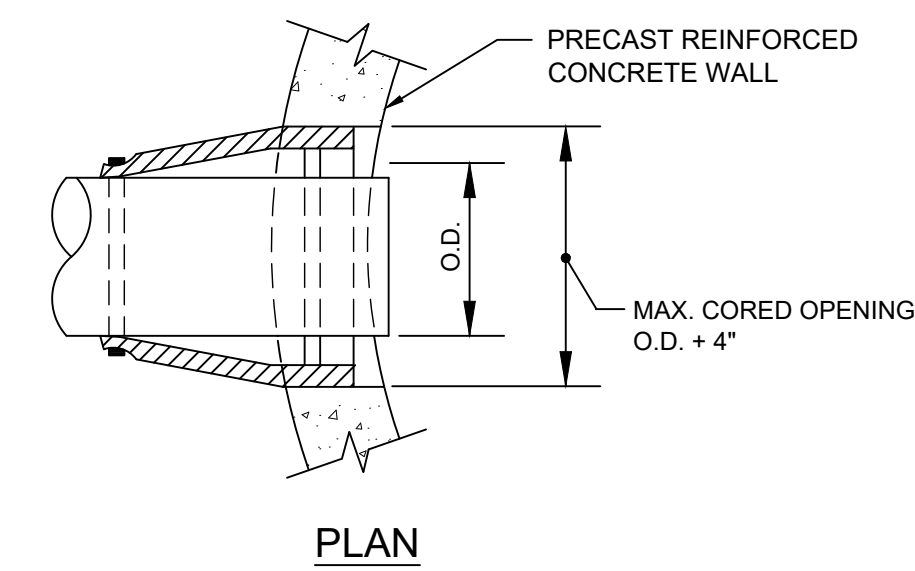


- NOTES:
- MINIMUM 4-FT DIAMETER MANHOLE. SEE MANHOLE FOR REMAINDER MH DETAILS.
 - DOGHOUSE OPENING MAY ONLY BE USED WHEN PLACING A NEW MANHOLE OVER AN EXISTING LINE; OTHERWISE, THE OPENING MUST BE CAST.
 - OPENINGS IN PRECAST UNITS ARE TO BE 4" MINIMUM TO 8" MAXIMUM LARGER THAN THE OUTSIDE DIAMETER OF THE EXISTING PIPE.
 - TOP HALF OF EXISTING PIPE TO BE REMOVED FOR FULL LENGTH EXPOSED INSIDE MANHOLE. EXISTING MAIN TO BE NEATLY CUT ALONG THE SPRING LINE OF THE PIPE.

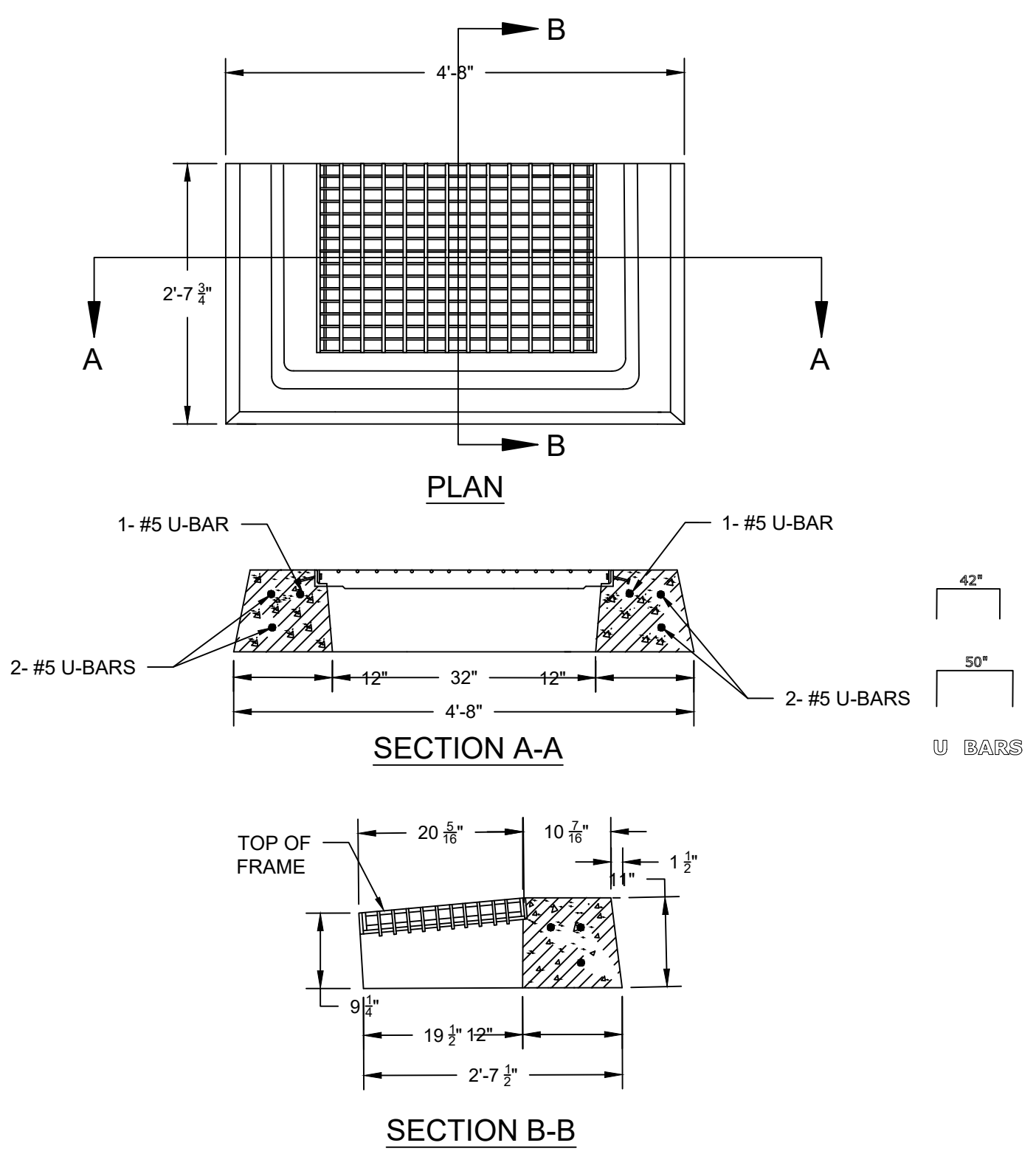
DOGHOUSE MANHOLE
SCALE: N.T.S.



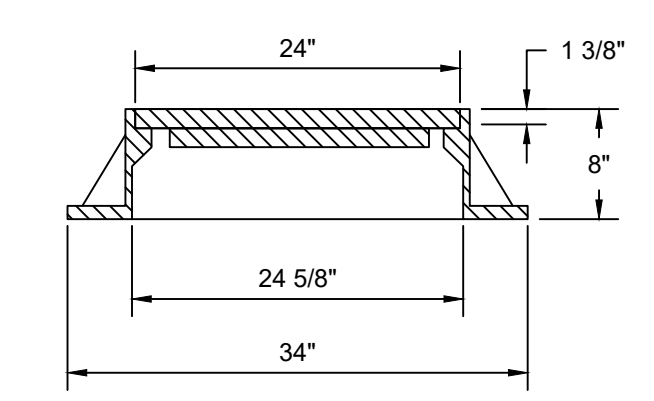
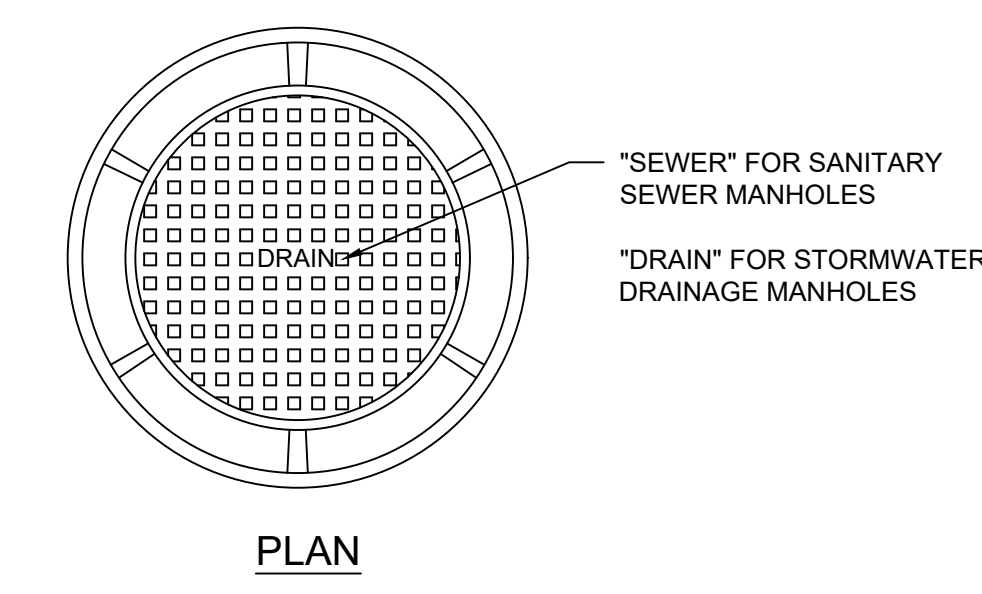
CATCH BASIN HOOD (24R SNOUT)
SCALE: N.T.S.



WATERTIGHT RESILIENT CONNECTOR
(FOR CONNECTING PIPES TO PRECAST CONCRETE MANHOLES)
SCALE: N.T.S.

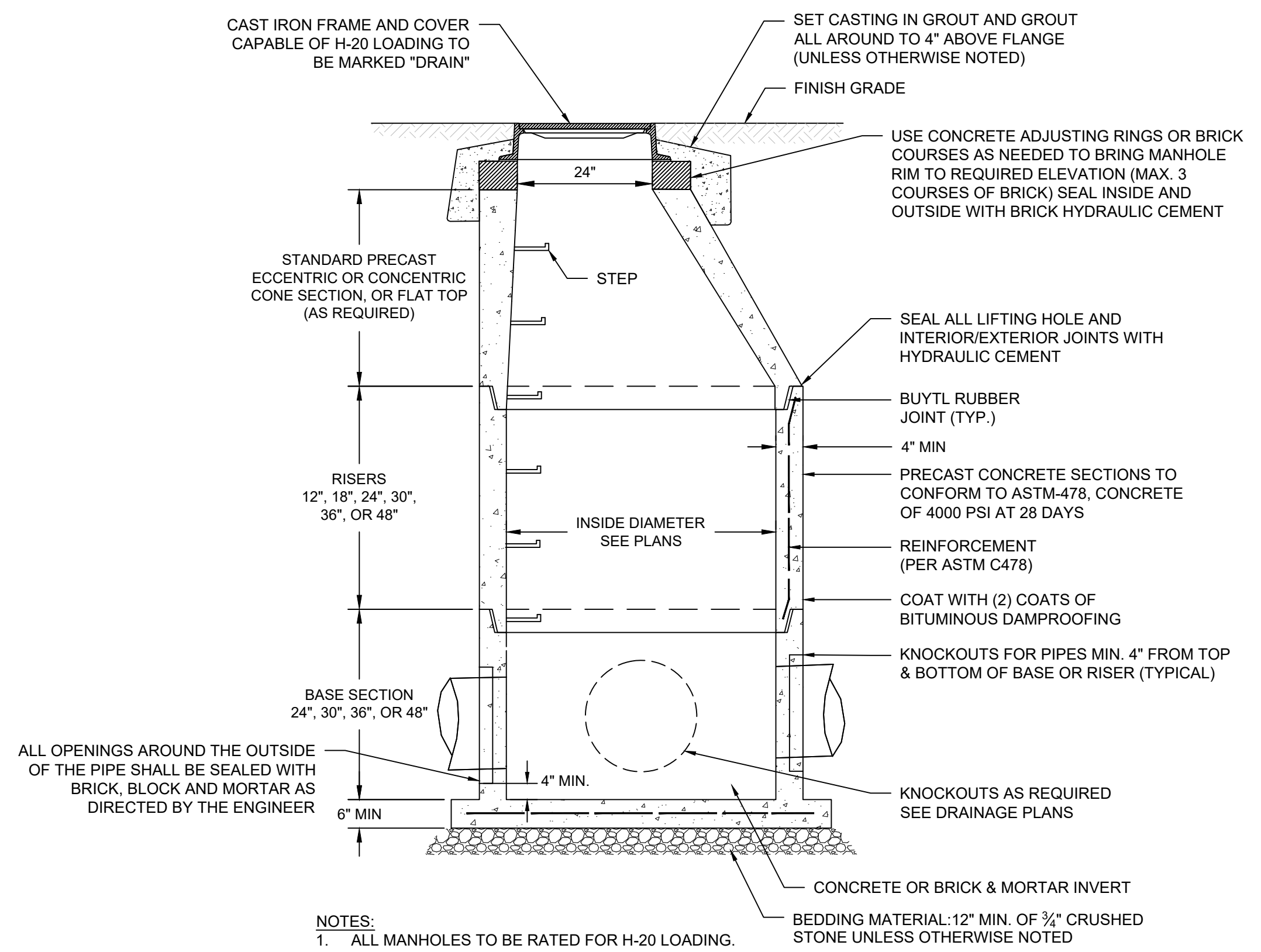


TYPE "C-M" BARRIER CURB CATCH BASIN TOP
SCALE: N.T.S.



- NOTE:
- MANUFACTURER: CAMPBELL CONSTRUCTION CASTINGS PATTERN NO. 1007D, HEAVY DUTY MANHOLE FRAME AND COVER.
 - THE LOWER SURFACE OF THE COVER AND THE CORRESPONDING UPPER SURFACE OF THE FRAME SHALL BE MACHINE FINISHED TO PROVIDE A SMOOTH FLAT CONTACT OR PIT WITHOUT ANY TENDENCY FOR THE COVER OR GRATE TO ROCK OR RATTLE.

MANHOLE FRAME AND COVER
SCALE: N.T.S.



- NOTES:
- ALL MANHOLES TO BE RATED FOR H-20 LOADING.
 - MINIMUM MANHOLE DIAMETER IS 4-FT.
 - MANHOLE SHALL CONFORM TO LATEST ASTM DESIGNATION C478.
 - 5-FT OR 6-FT PRECAST BASES MAY BE USED WHEN REQUIRED DUE TO SIZE OR NUMBER OF PIPES AT THE MANHOLE. PRECAST REDUCERS WILL BE PLACED ABOVE THE 5-FT & 6-FT BASES AS DIRECTED BY THE ENGINEER. WALL THICKNESS TO INCREASE 1-IN FOR EACH 1-FT OF INSIDE DIAMETER INCREASE.

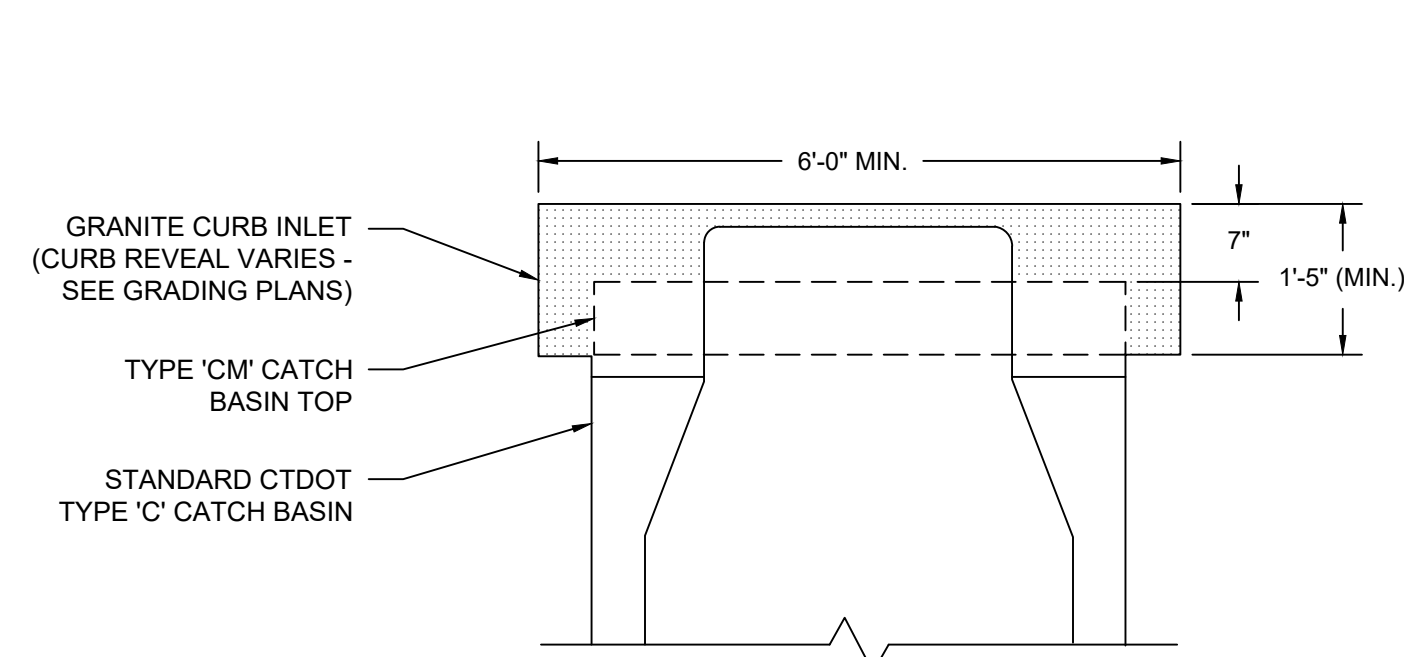
PRECAST REINFORCED CONCRETE MANHOLE
SCALE: N.T.S.

CAD FILE: C:\pwworking\kleinfelder\proj\01\mcs\20225069_002A\24R_Snout.dwg
 PLOTTED: 6/30/2023 4:00 PM BY: kenneh mcsdandn
 LAYOUT: MDS-07

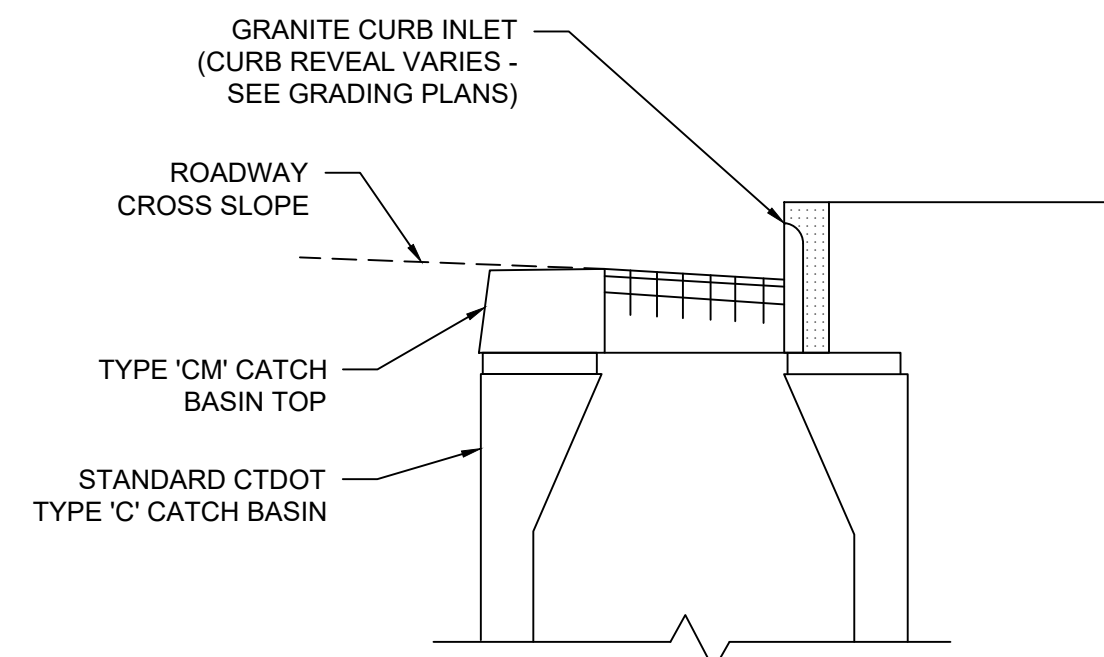


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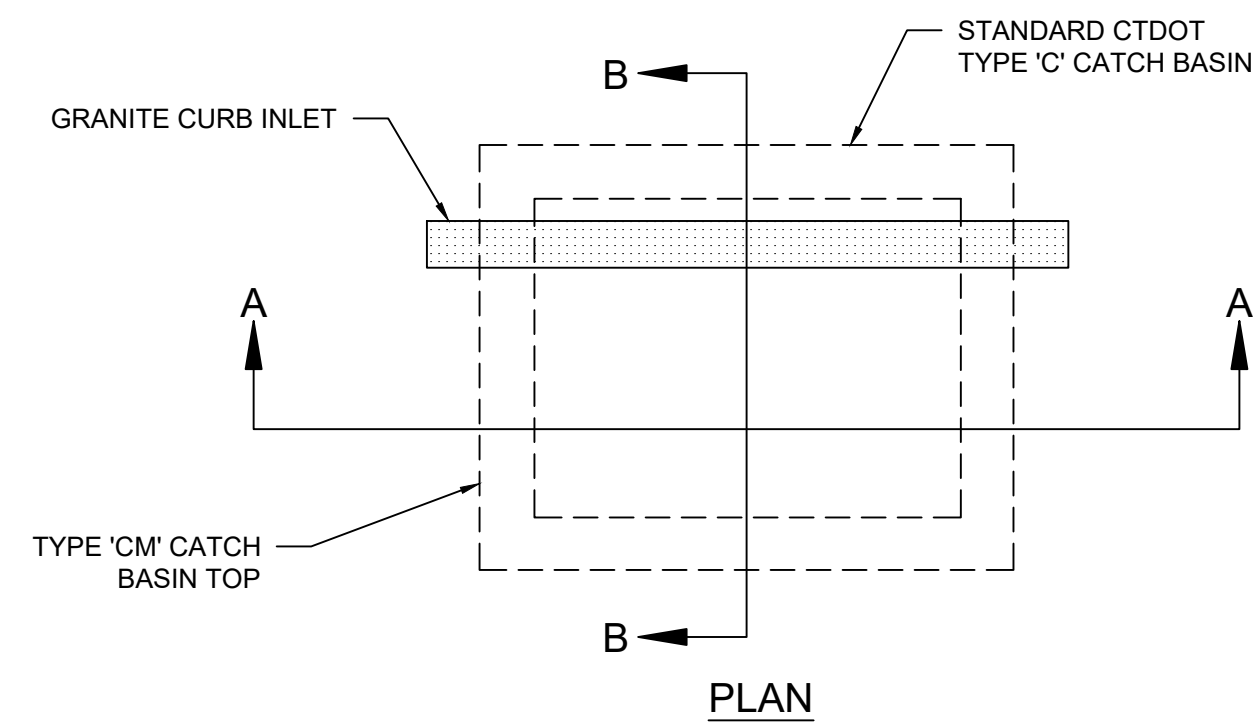
- 1) USE APPROPRIATE CONCRETE TOP FOR GRANITE CURBING AS SHOWN ON PLANS.
- 2) ALL THE FACES OF THE STRUCTURE IN CONTACT WITH CONCRETE PAVEMENT SHALL BE COVERED WITH A LAYER OF TAR PAPER OR APPROVED EQUAL.
- 3) USE 6'-0" ON UPGRADE SIDE (SEE PLAN VIEW) OF CONTINUOUS GRADE AND 1'-0" ON DOWNGRADE SIDE OF CONTINUOUS GRADE AS DIRECTED BY THE ENGINEER.
- 4) IF MASONRY UNITS ARE REQUIRED, THE BASIN SHALL BE CONSTRUCTED IN CONFORMANCE WITH DIMENSIONS SHOWN. CORBELLING SHALL BE PERMITTED TO A MAXIMUM OF 3".
- 5) WALL THICKNESS OF ALL CATCH BASINS OVER 10' DEEP SHALL BE INCREASED TO 12" THICK. INSIDE DIMENSION SHALL REMAIN THE SAME. 12" THICKNESS SHALL START AFTER THE FIRST 10'.
- 6) SPACERS CAN BE EITHER CONCRETE MASONRY UNIT OR PRECAST, WITH THE REQUIRED REINFORCING (RECOMMENDED BY THE MANUFACTURER) AS NEEDED TO PROVIDE THE PROPER GRADE SHOWN ON THE PLANS.
- 7) TOP OF FRAME ELEVATION SHALL BE MEASURED IN BETWEEN BOTH GRATES AT THE GUTTER.



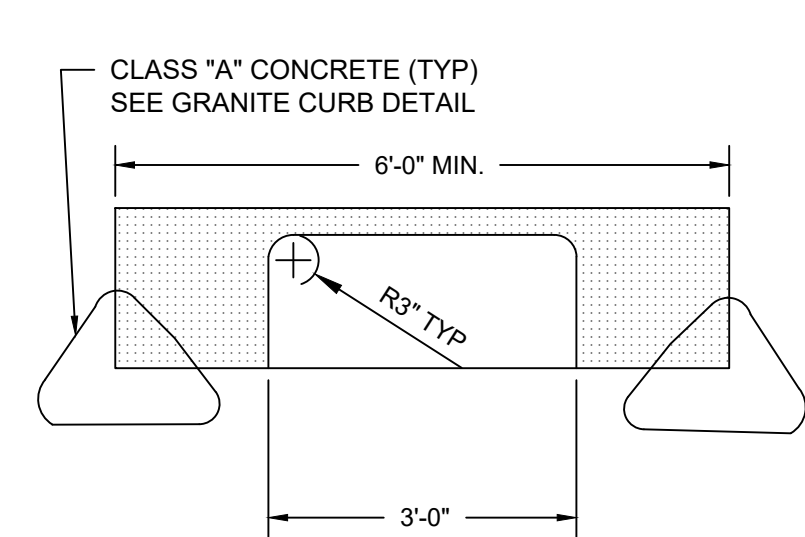
SECTION A-A



SECTION B-B

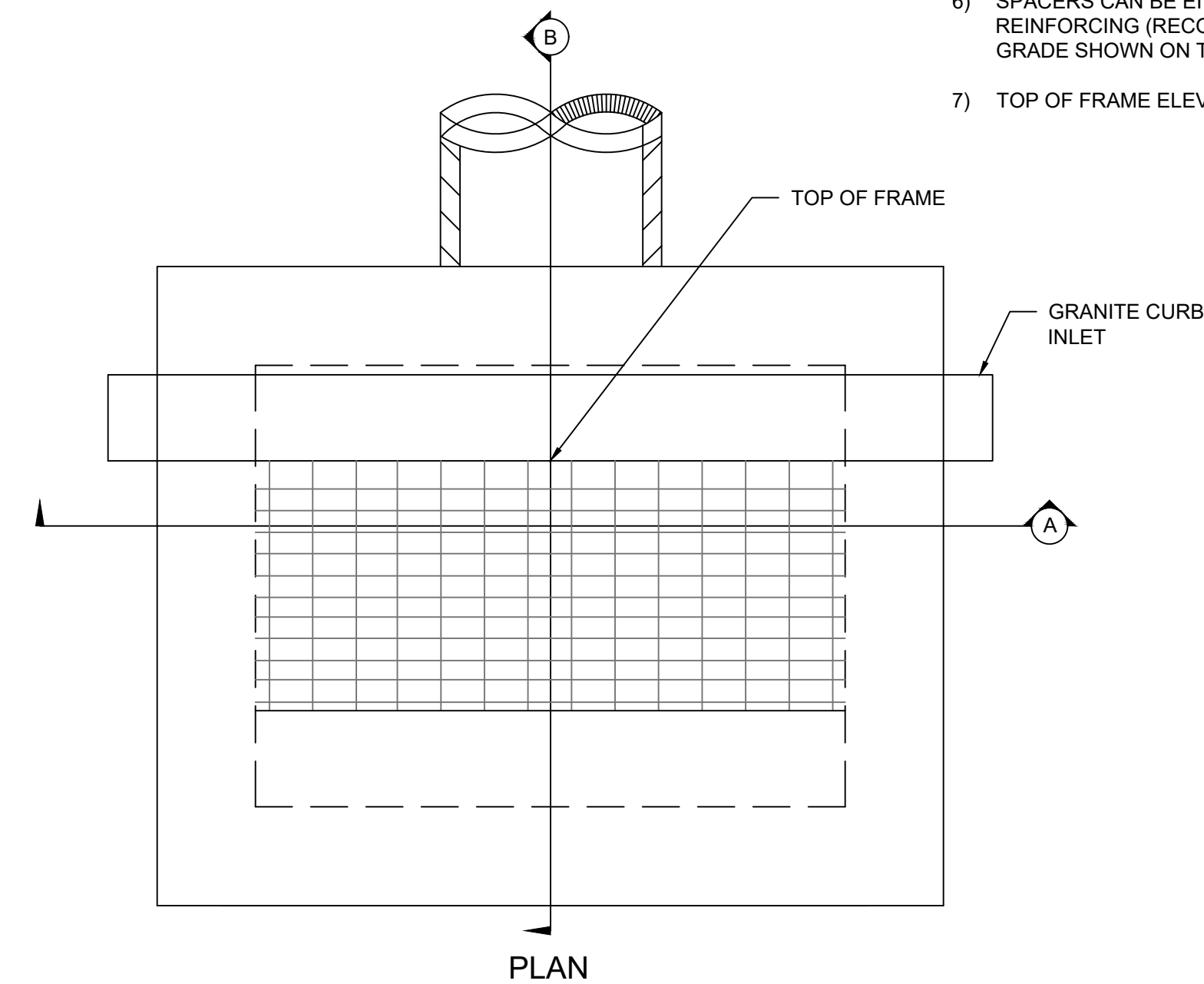


PLAN

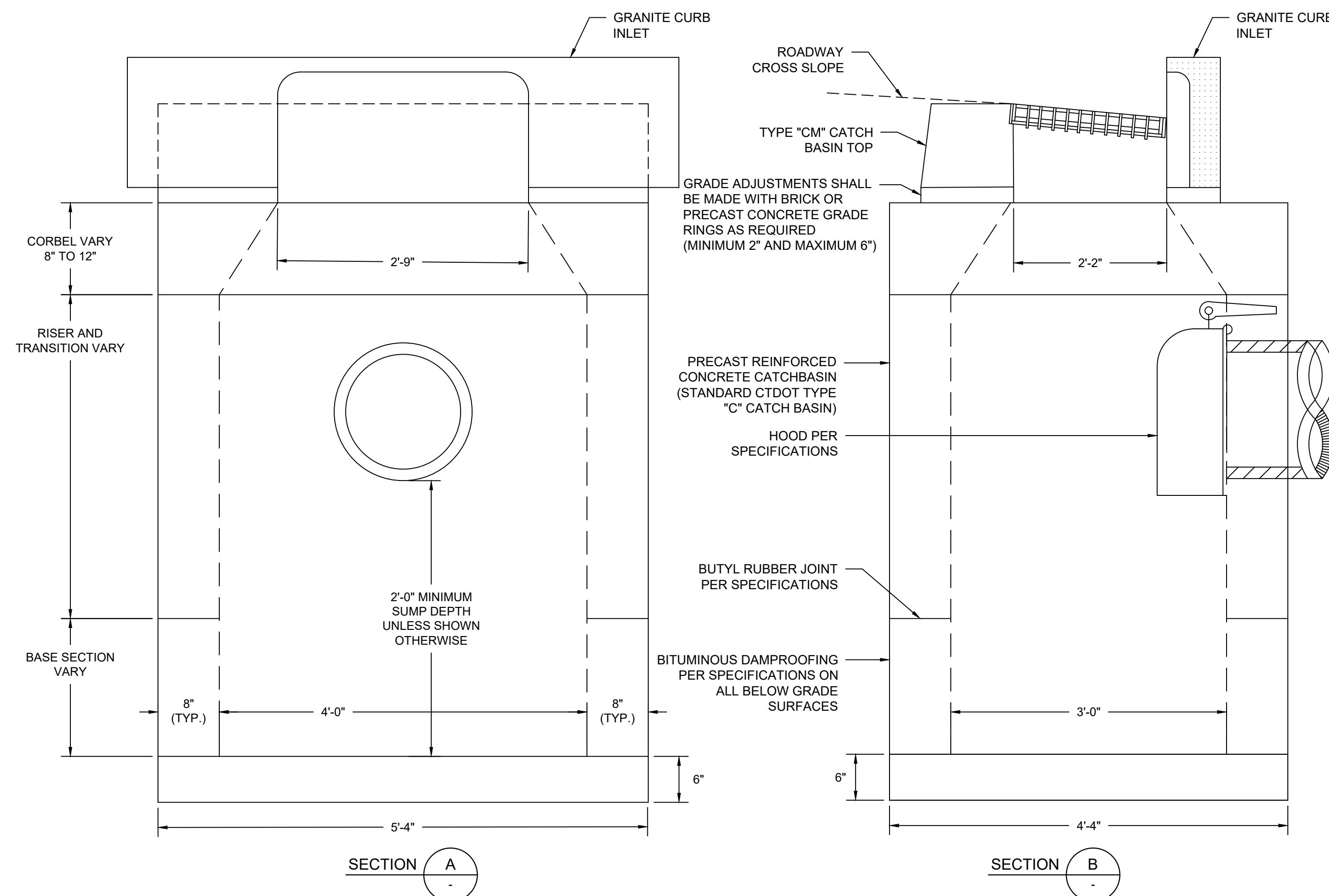


ELEVATION

GRANITE CURB INLET
SCALE: N.T.S.



PLAN



SECTION A

SECTION B

TYPE "C" CATCH BASIN
SCALE: N.T.S.

DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION
THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING
0 1"
IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

ORIGINAL DRAWING SIZE IS 22 x 34

CIVIL DETAILS
DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

MDS-08



DRAWING ISSUE

REV	DESCRIPTION	DATE

REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

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DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

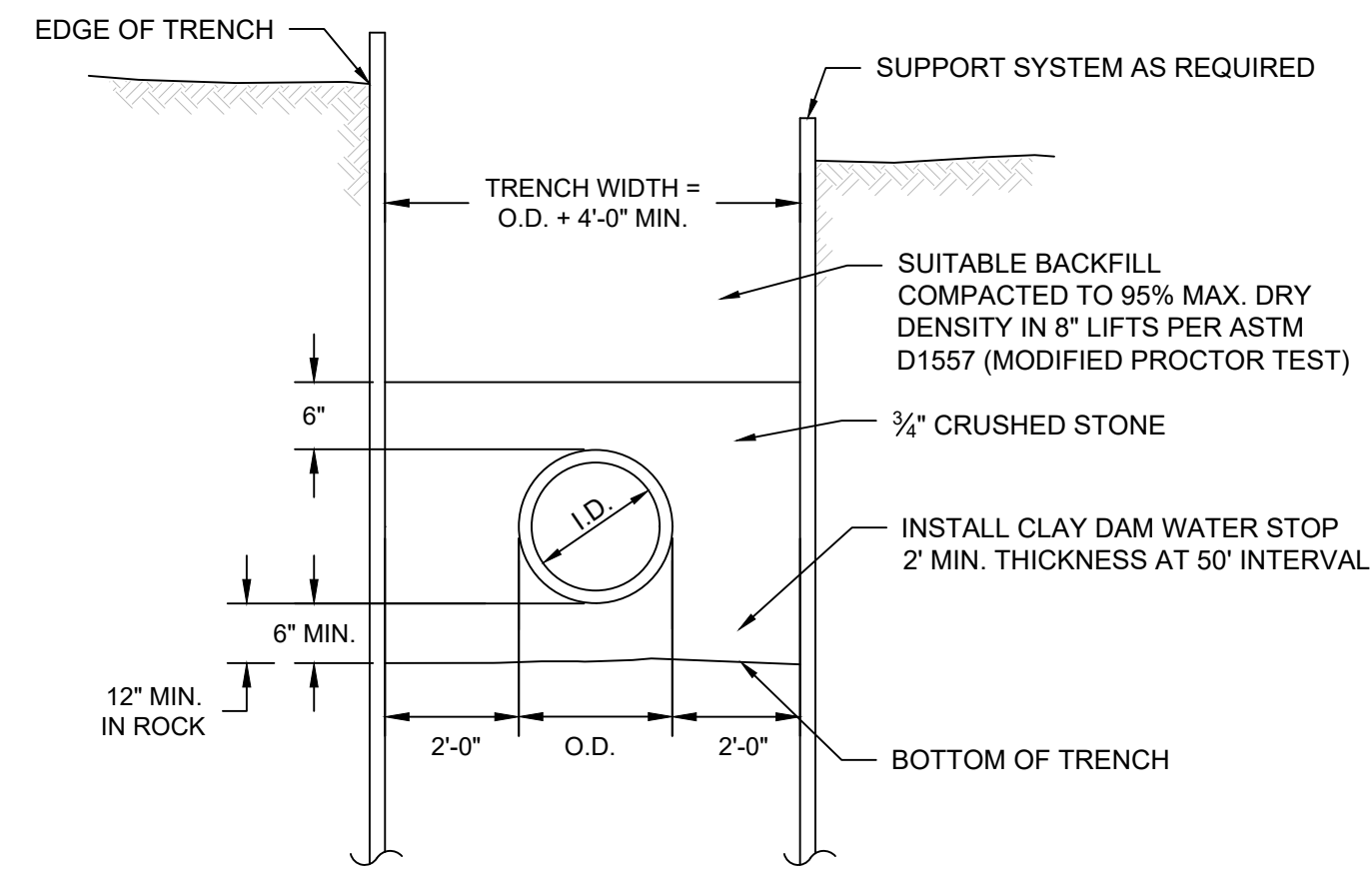


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

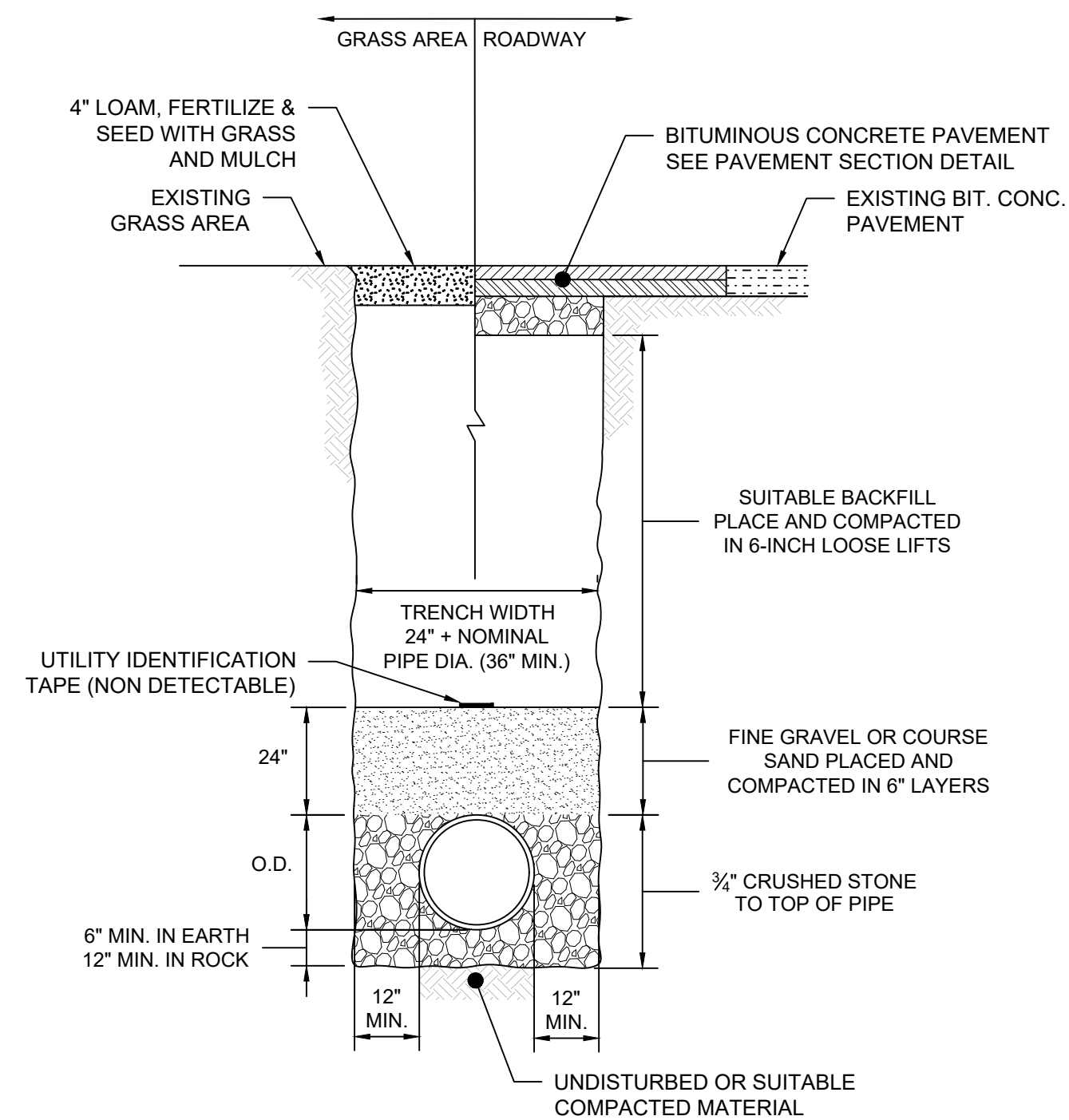
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APPROVED BY	N.KULIKAUSKAS

MDS-10

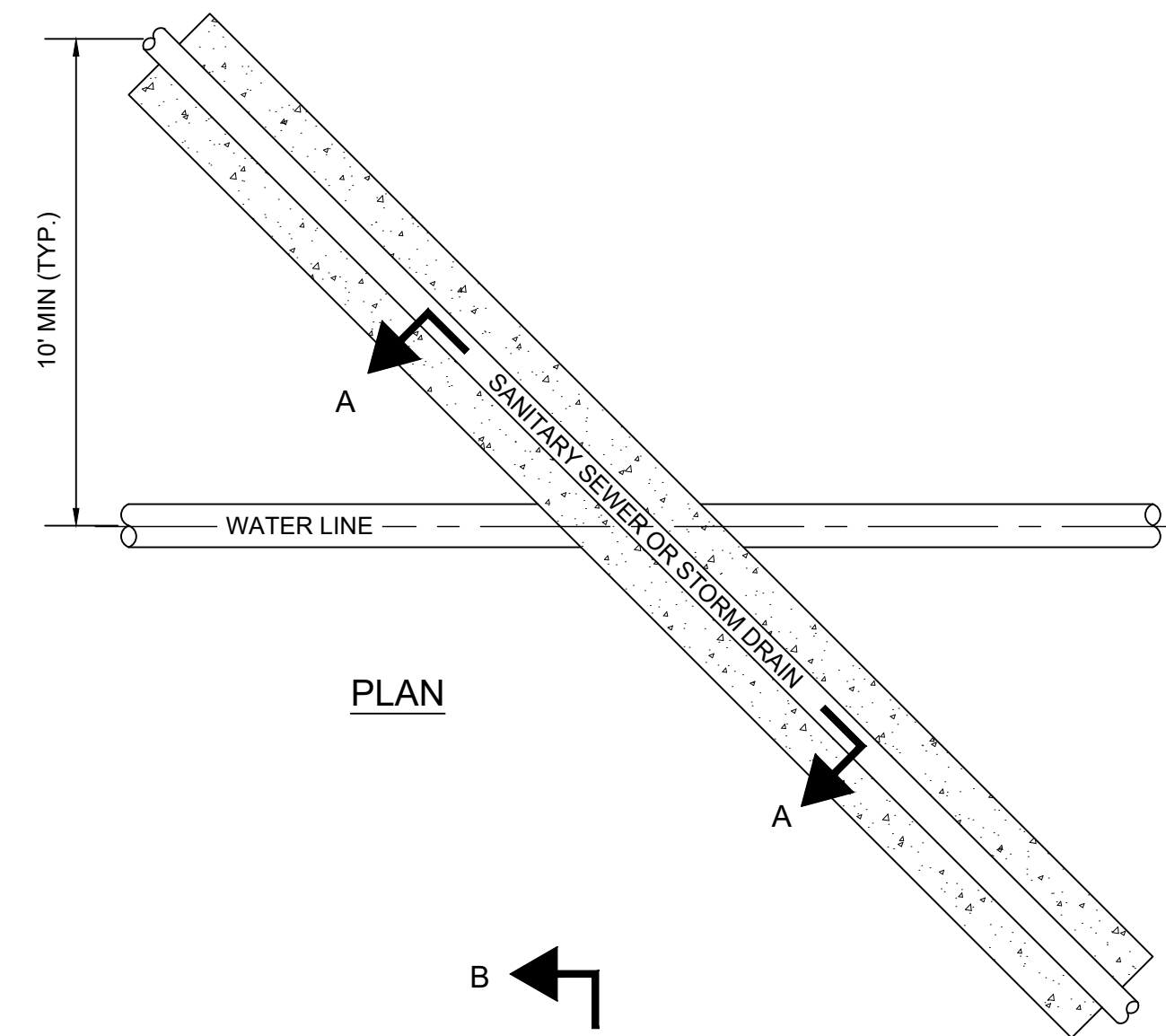


SANITARY SEWER - TRENCH
SCALE: N.T.S.

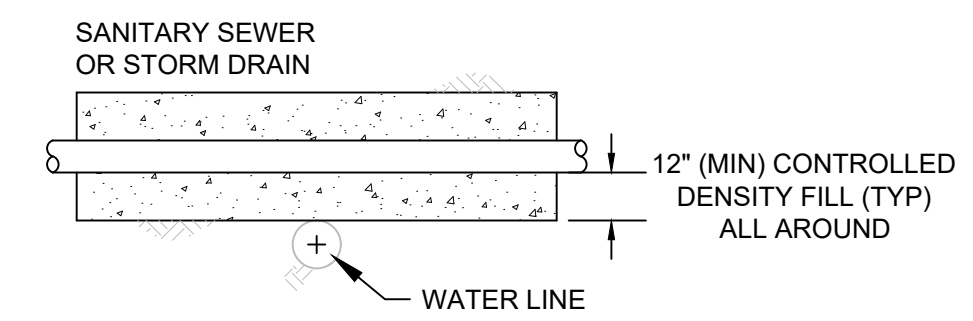


NOTE:
1. ALL TRENCH WORK TO BE SUPPORTED AS REQUIRED.

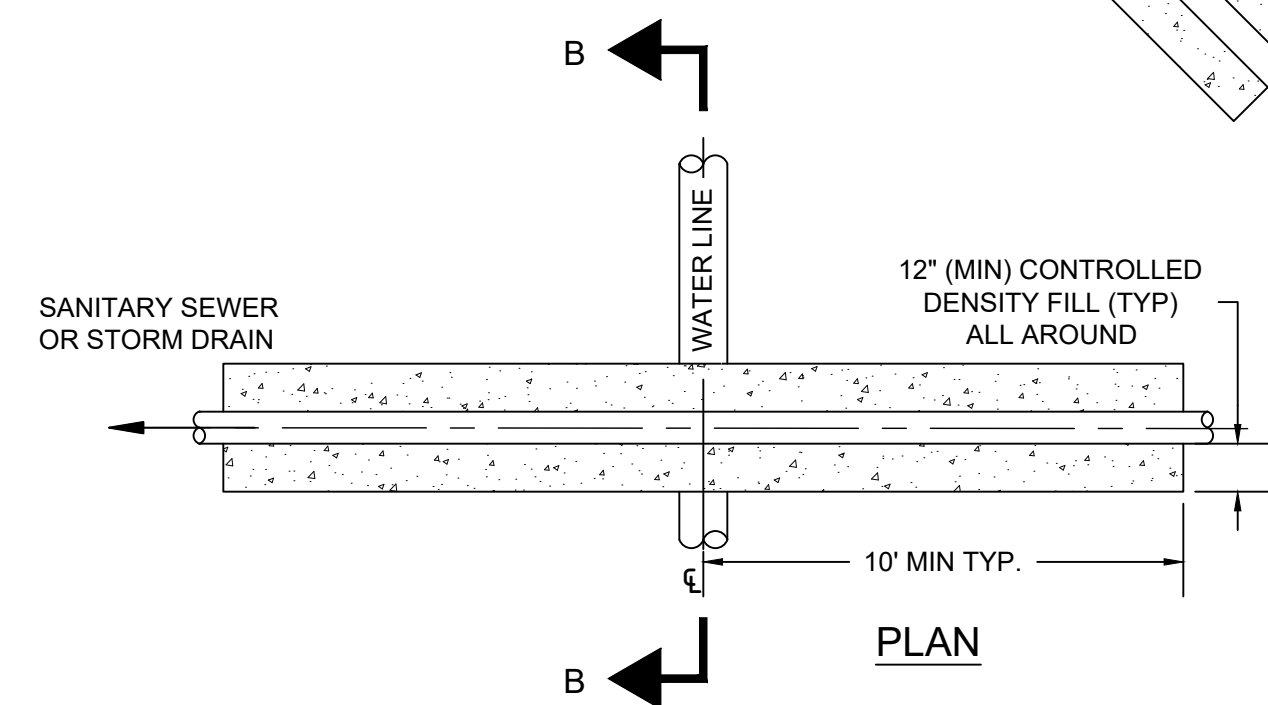
TYPICAL REINFORCED CONCRETE PIPE TRENCH
SCALE: N.T.S.



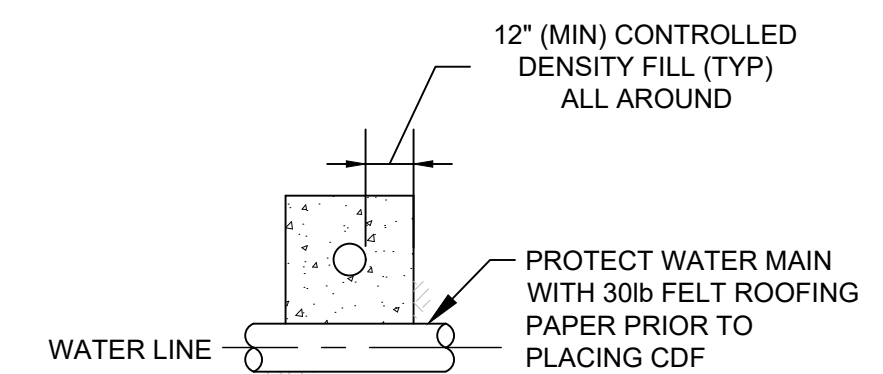
PLAN



SECTION A-A

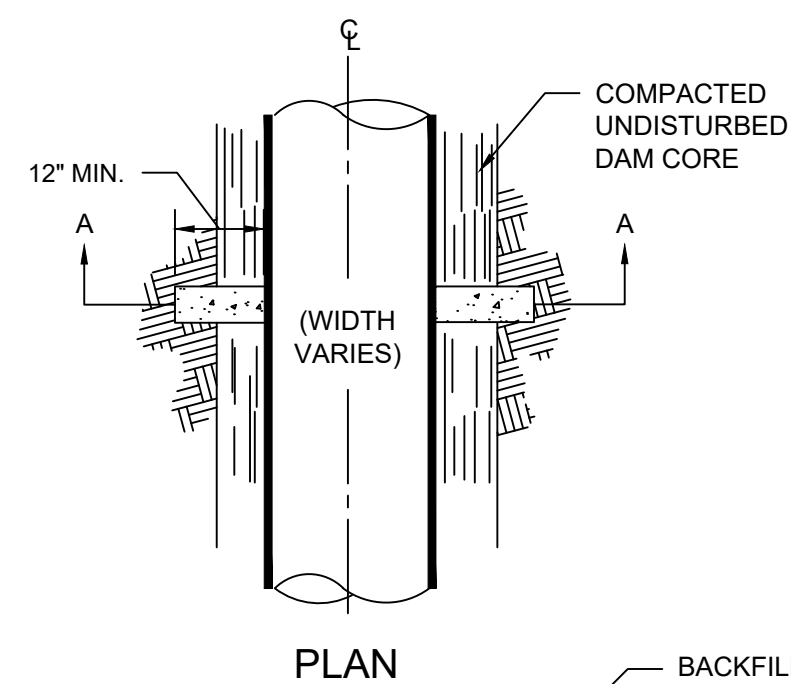


PLAN



SECTION B-B

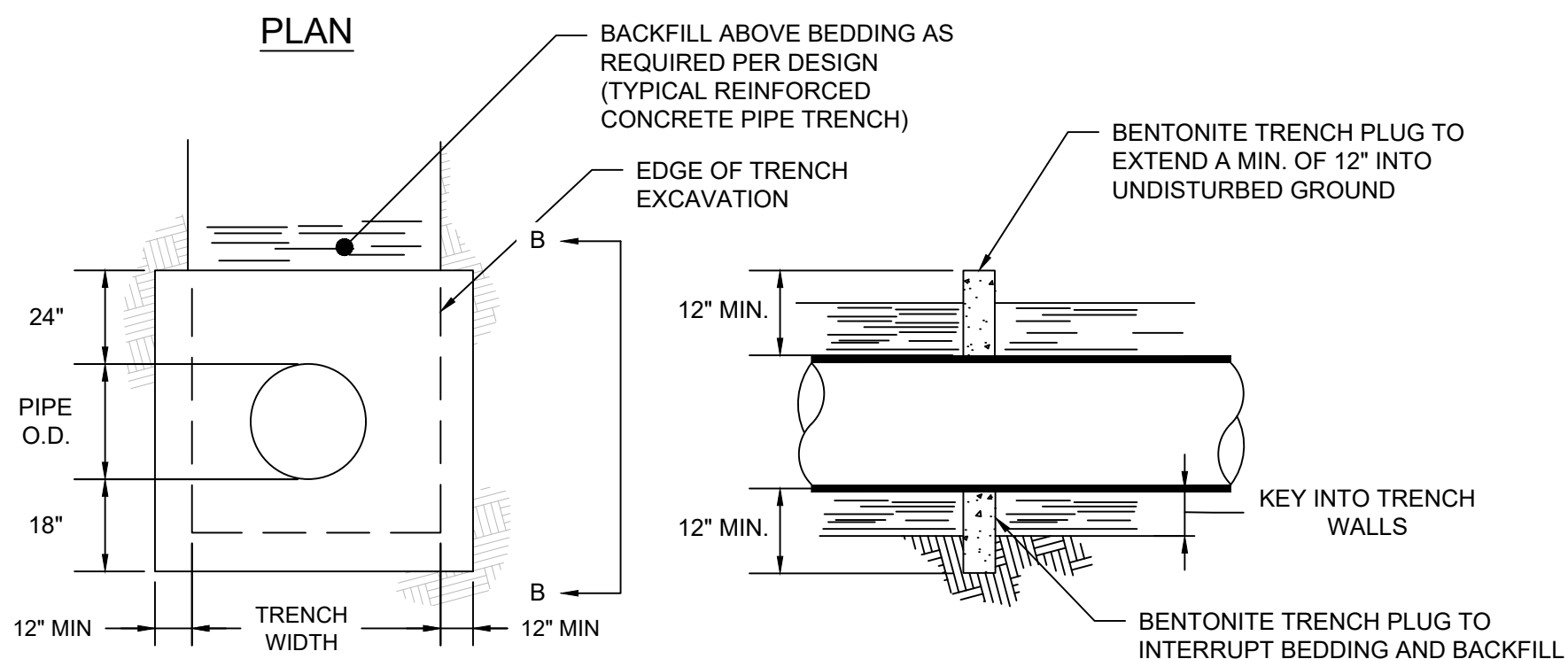
STORM DRAIN OR SANITARY SEWER CROSSING ABOVE WATER MAIN
SCALE: N.T.S.



PLAN

NOTES:

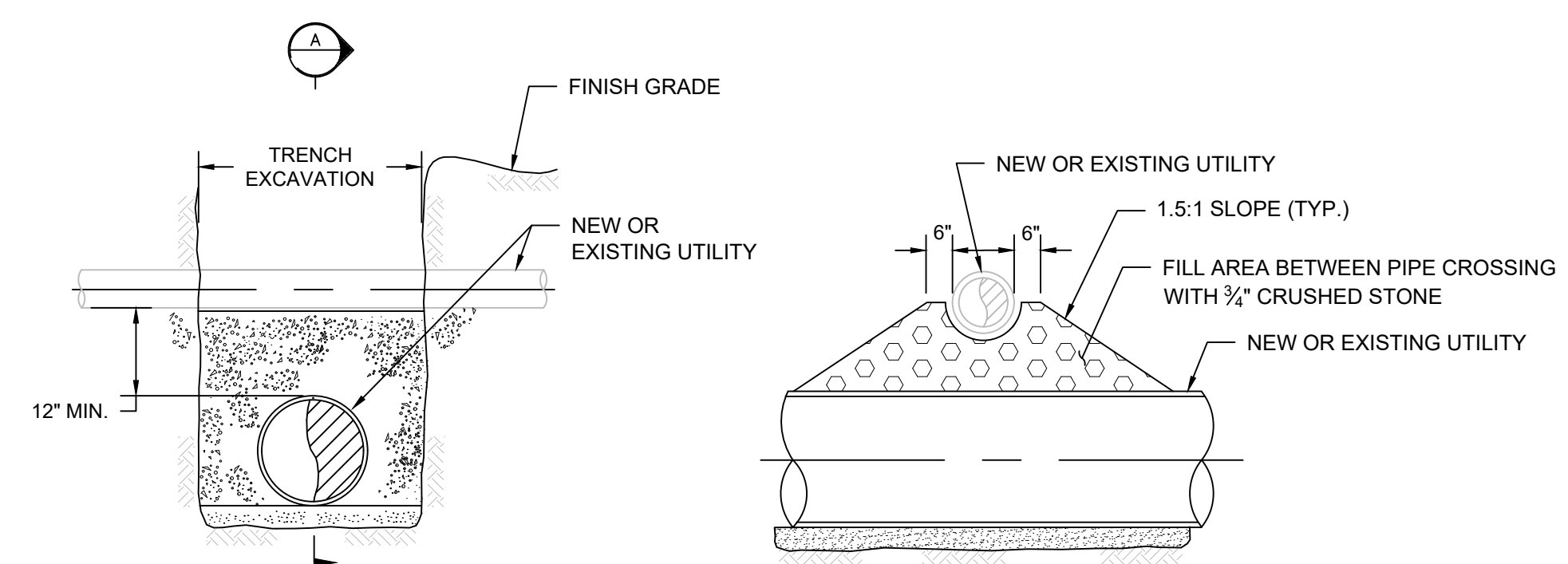
- UNSHRINKABLE CONCRETE MAY BE USED AS AN ALTERNATE TO BENTONITE CLAY PLUG.
- TRENCH PLUGS SHALL BE INSTALLED AT MINIMUM 300-FT INTERVAL.
- POUR COLLAR IN PLACE AGAINST EXCAVATED KEY IN COMPACTED CORE.



SECTION A-A

SECTION B-B

BENTONITE TRENCH PLUG DETAIL
SCALE: N.T.S.



ELEVATION

SECTION A

TYPICAL UTILITY CROSSING
SCALE: N.T.S.



DRAWING ISSUE

REV	DESCRIPTION	DATE

REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

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CIVIL DETAILS

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

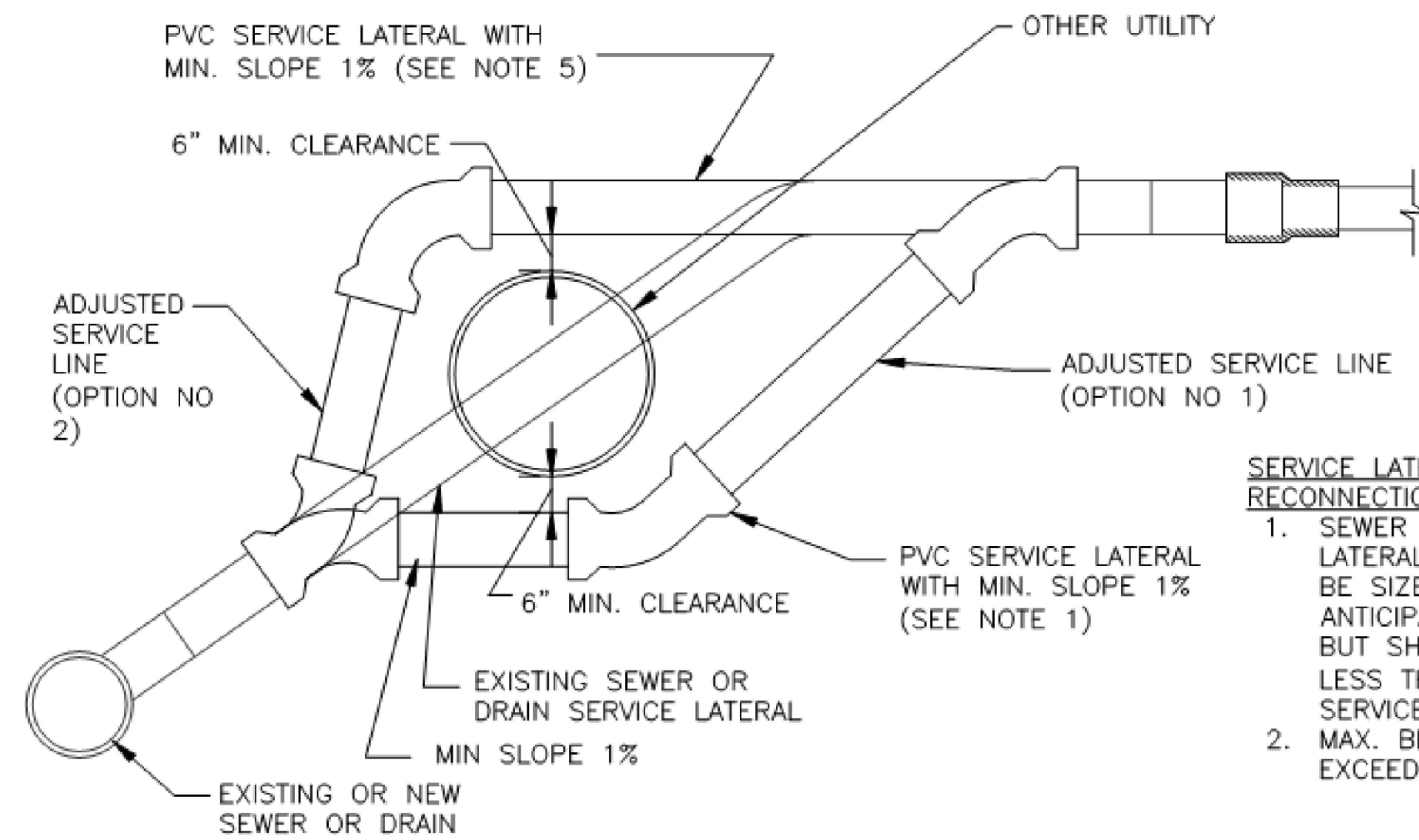


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULKAUSKAS

MDS-12

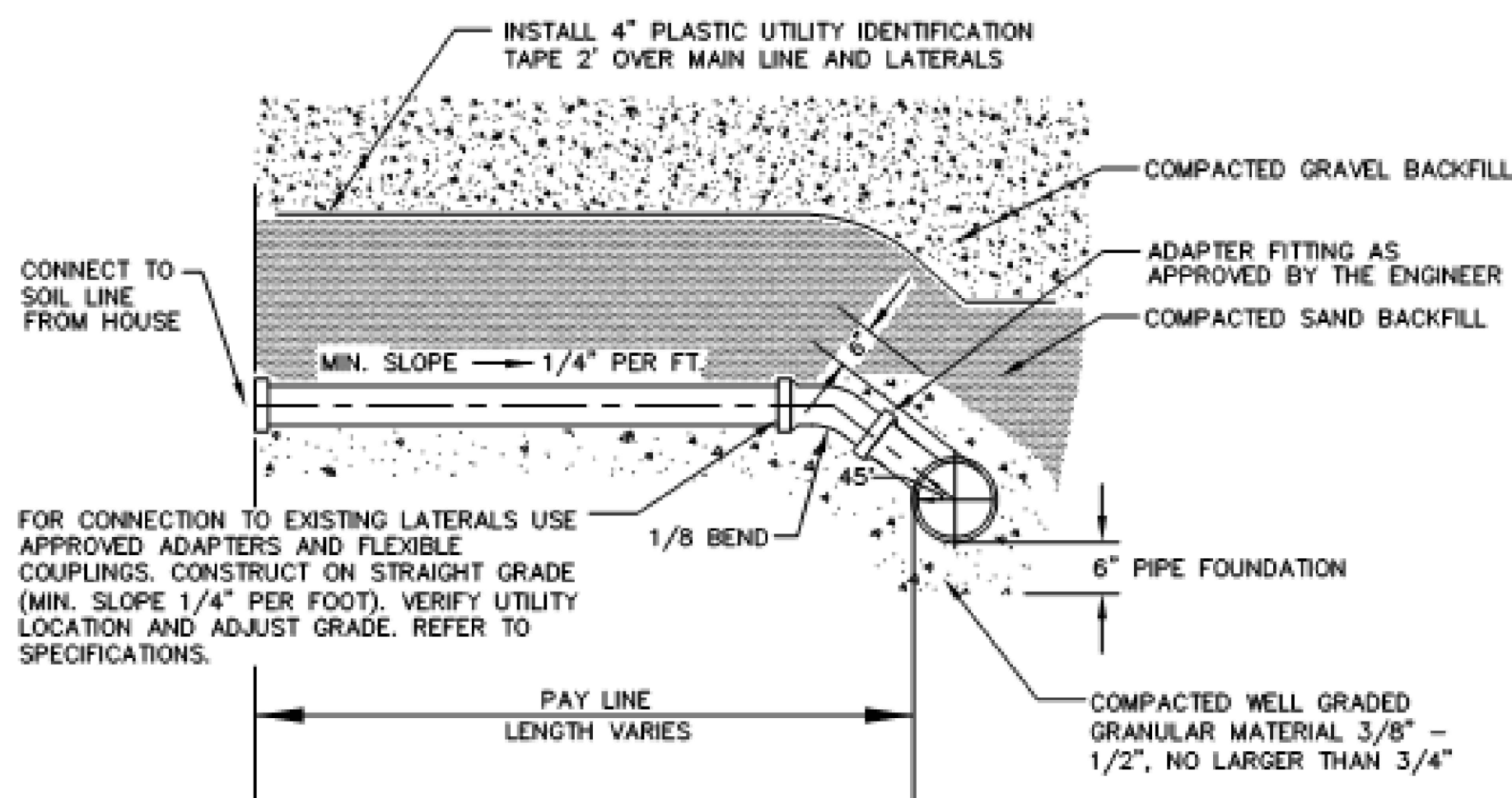
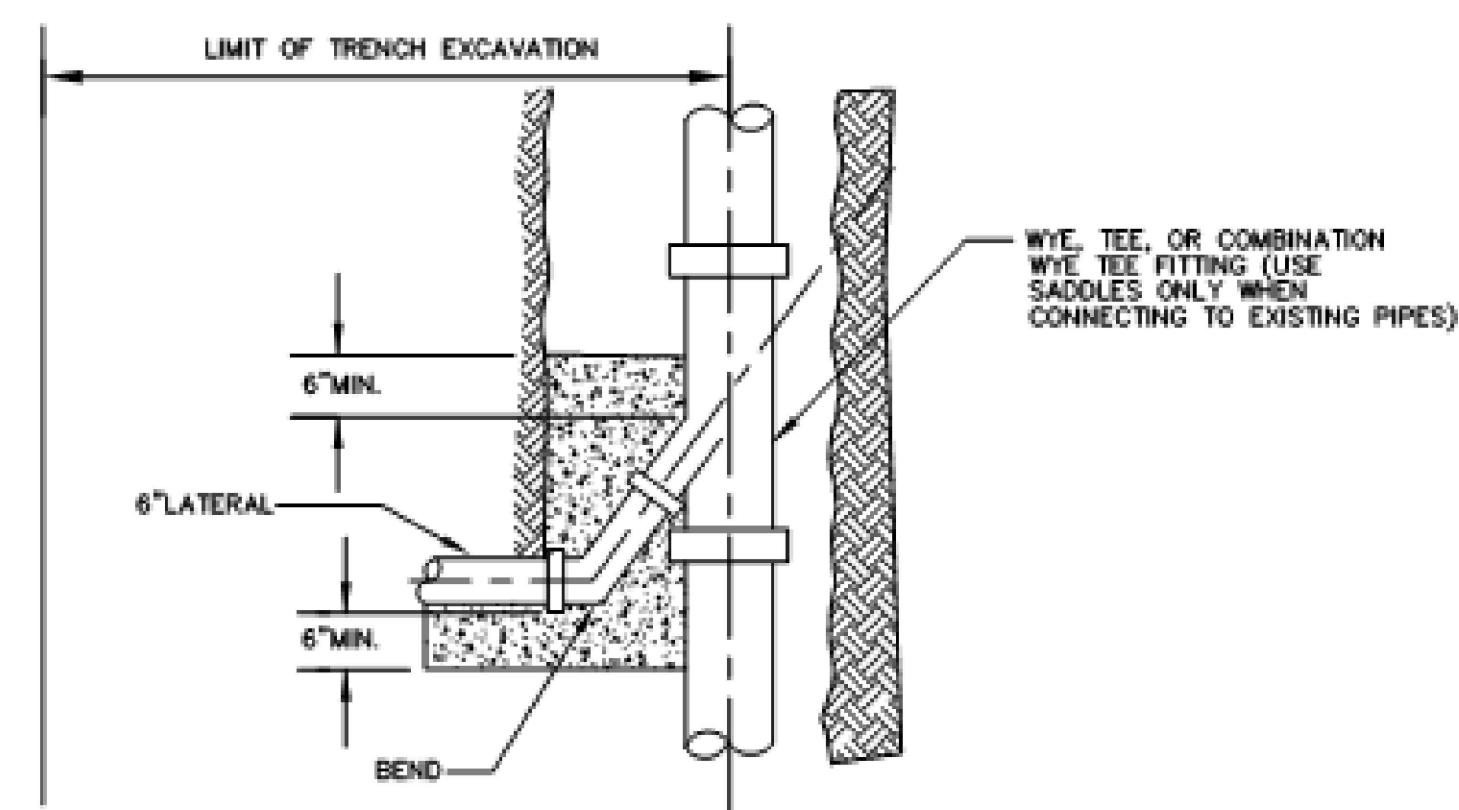


SERVICE LATERAL RECONNECTION NOTES:

- SEWER AND DRAIN LATERALS SHALL BE SIZED TO FIT ANTICIPATED FLOWS BUT SHALL NOT BE LESS THAN 6" FOR SERVICES.
- MAX. BEND NOT TO EXCEED 45'.

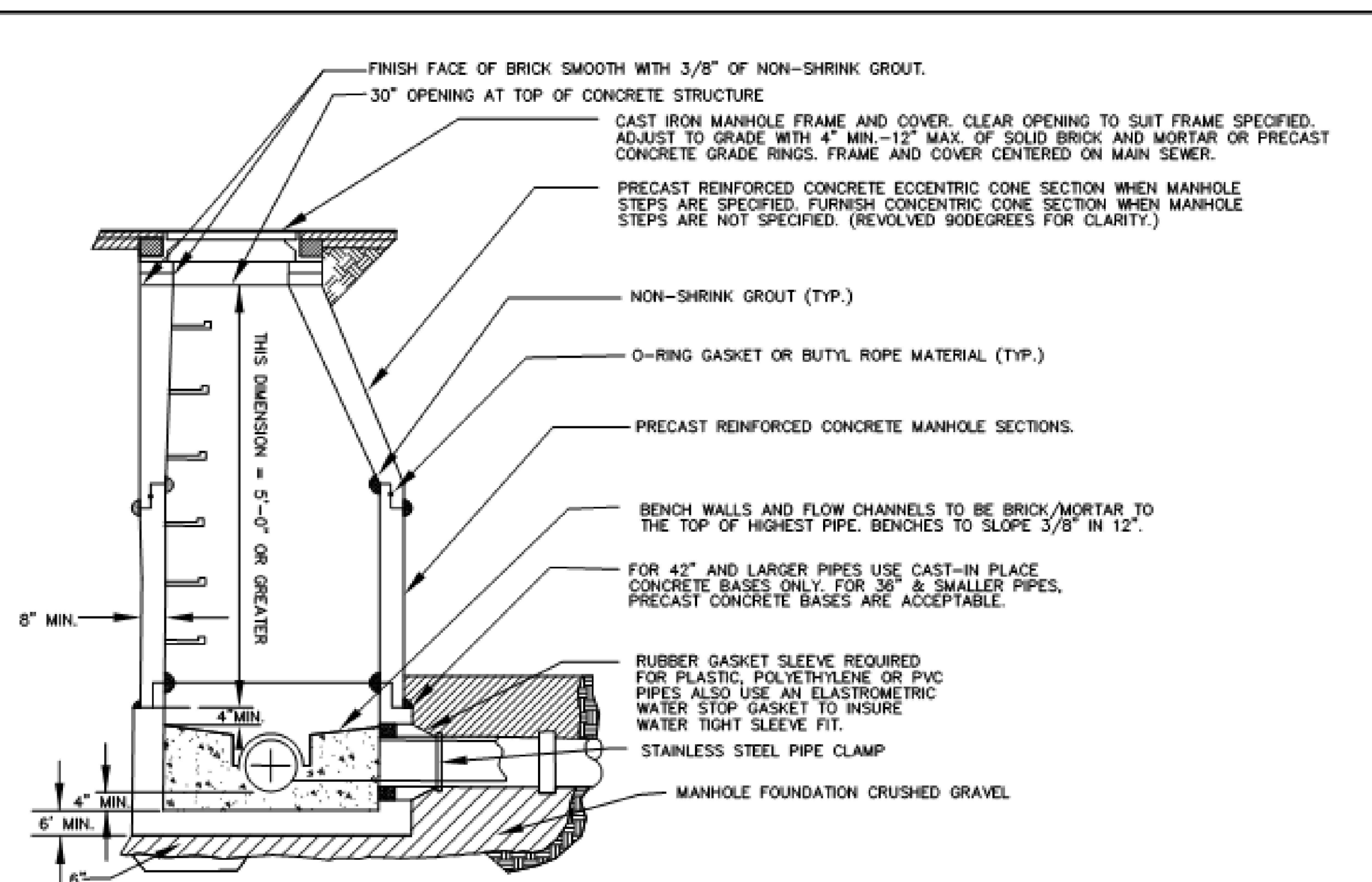
SEWER OR DRAIN SERVICE LATERAL RECONNECTION

SCALE: N.T.S.



NOTES:

- THE END OF THE COMPLETED LATERAL SHALL BE LEFT EXPOSED UNTIL THE ENGINEER HAS TIME TO LOCATE THE LATERAL FOR AN AS-BUILT.
- FOR LATERAL CONNECTIONS TO EXISTING PIPE WHERE NO TEE IS PROVIDED, USE INJECTION MOLDED RUBBER GASKETED TEE SADDLE.



	SANITARY SEWER LATERAL CONNECTION	Scale: NTS
	BOROUGH OF NAUGATUCK ENGINEERING DEPARTMENT STANDARD DETAIL	Drawing No. SD-17
	229 Church Street, Naugatuck, CT 06770 www.naugatuck-ct.gov	Date: 10/2011

	SEWER MANHOLE	Scale: NTS
	BOROUGH OF NAUGATUCK ENGINEERING DEPARTMENT STANDARD DETAIL	Drawing No. SD-14
	229 Church Street, Naugatuck, CT 06770 www.naugatuck-ct.gov	Date: 10/2011

SANITARY SEWER LATERAL CONNECTION
SCALE: N.T.S.

SEWER MANHOLE
SCALE: N.T.S.



DRAWING ISSUE		
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REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

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CIVIL DETAILS

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK

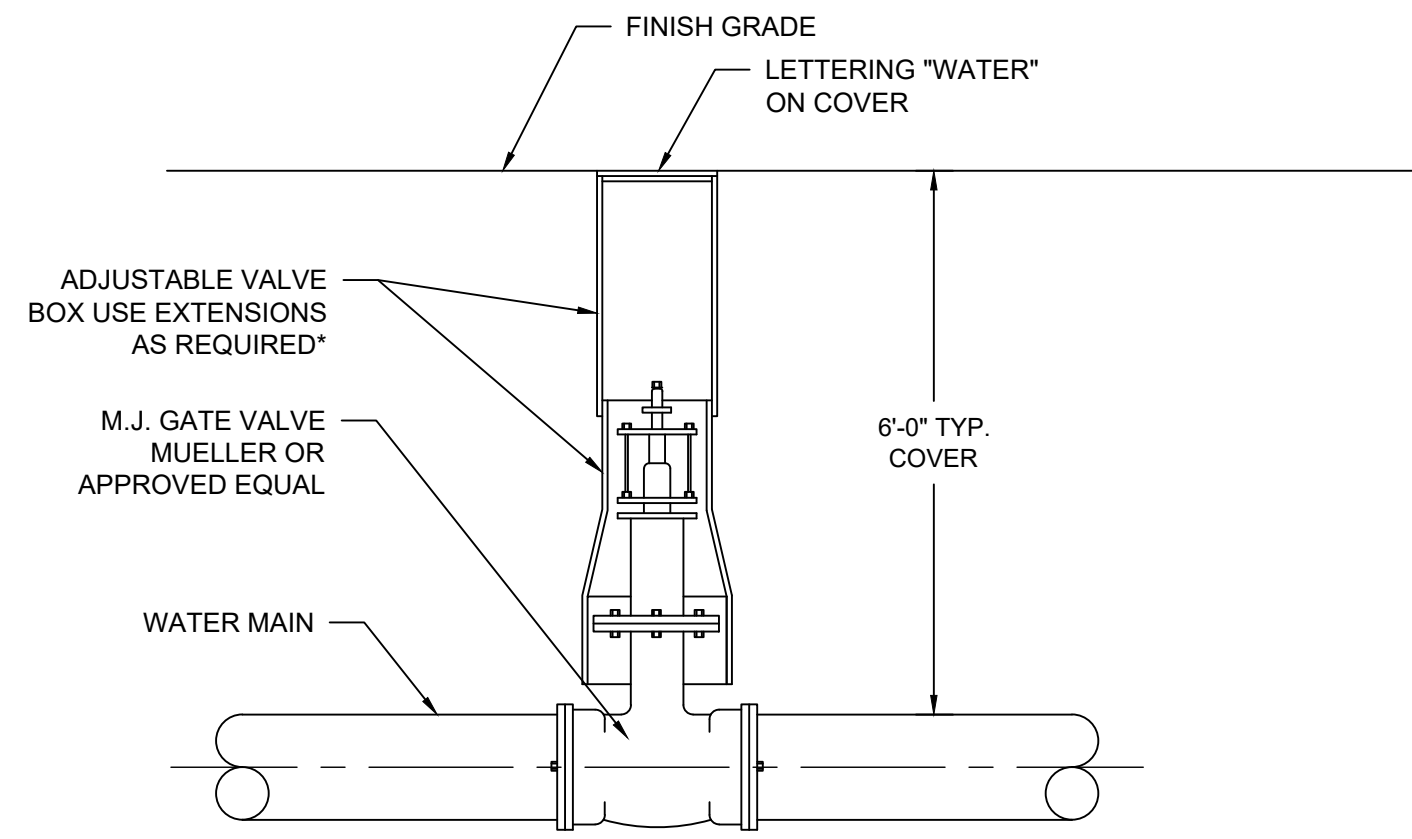


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

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DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

MDS-13

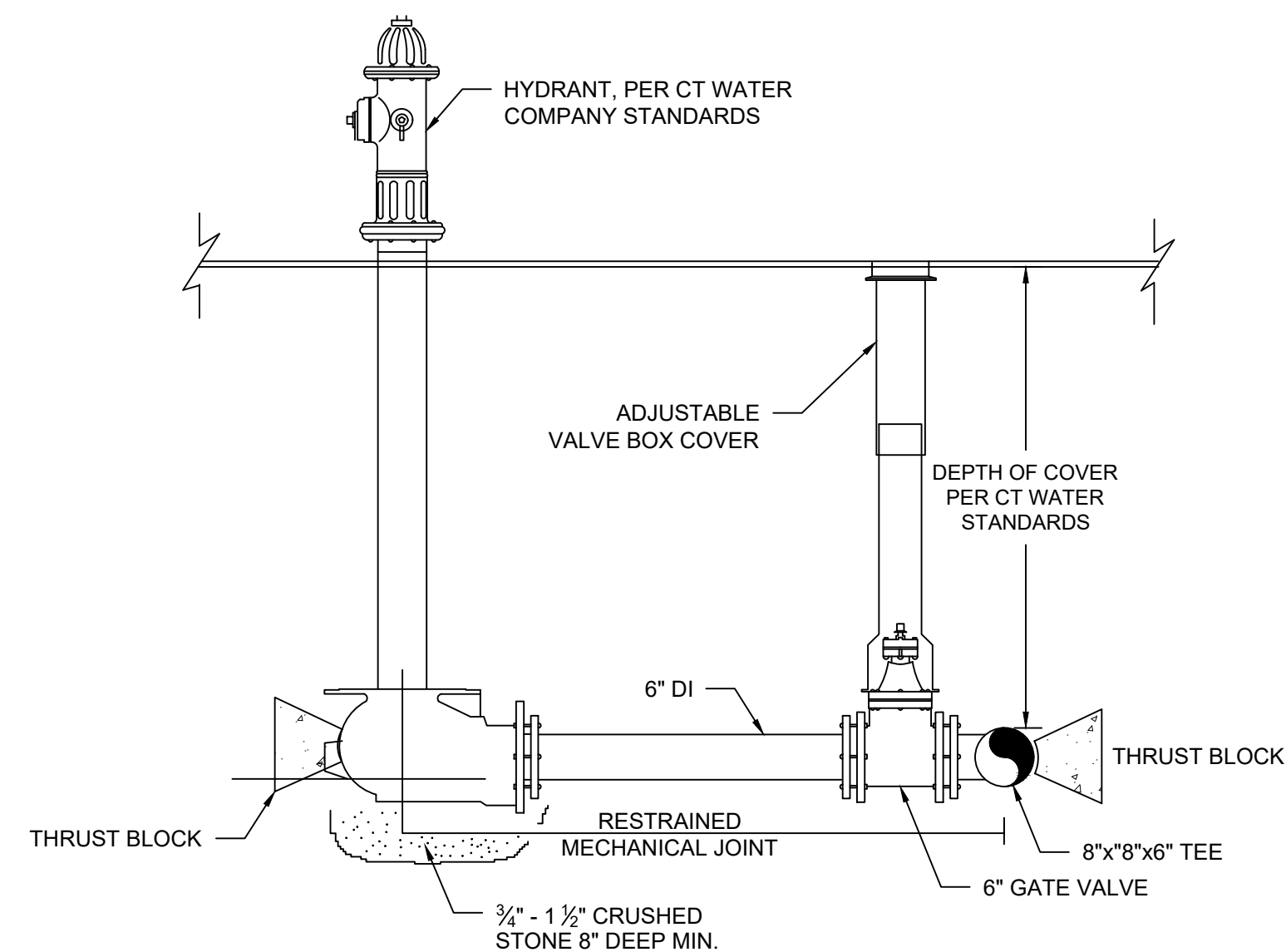


NOTE:

- IF EXTENSIONS ARE NECESSARY, CONTRACTOR SHALL SET "PLUMB" AND ALIGN PROPERLY FOR ACCESS TO OPERATING NUT.

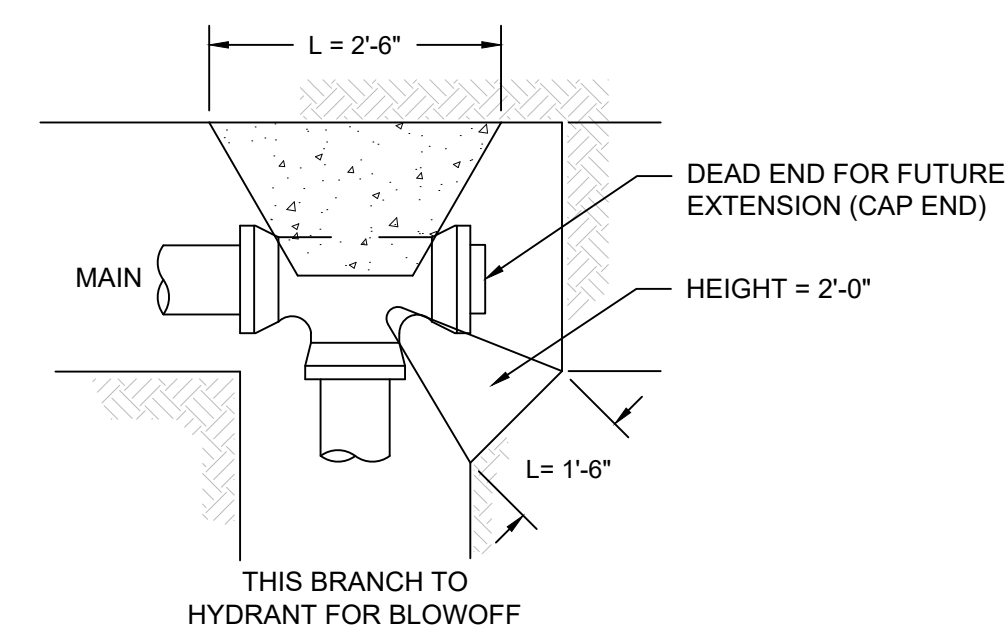
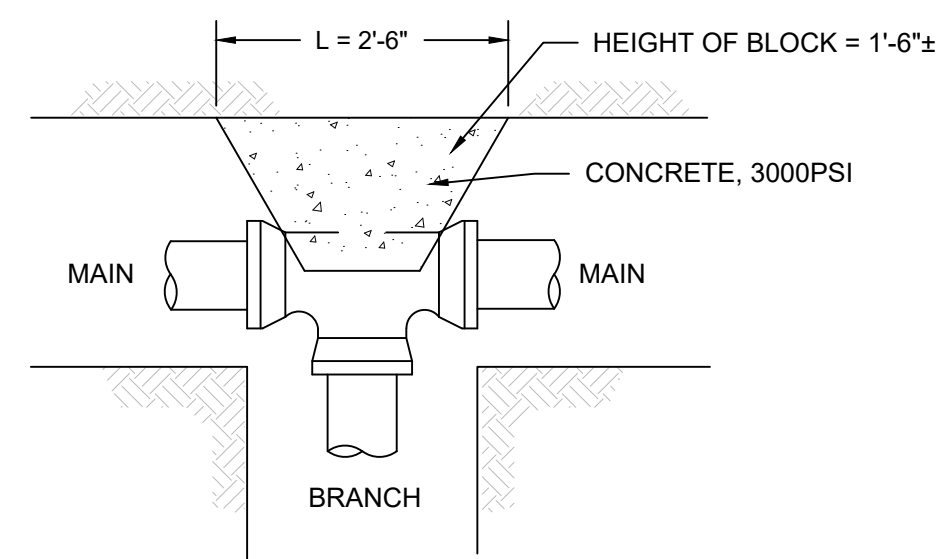
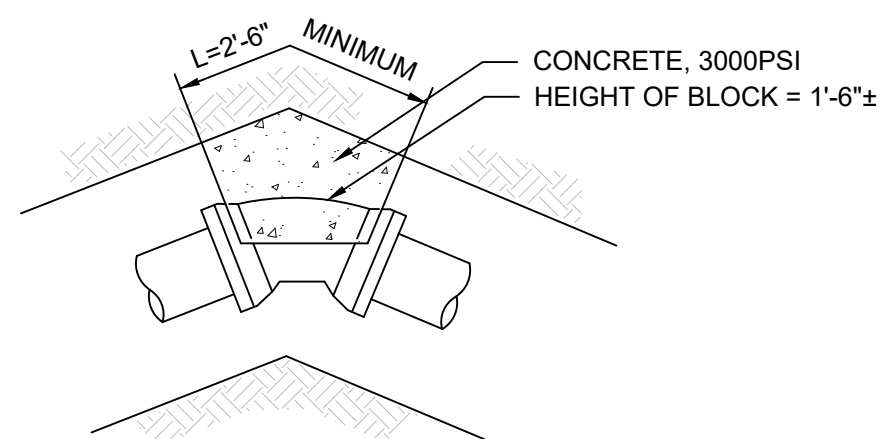
TYPICAL GATE VALVE AND VALVE BOX

SCALE: N.T.S.



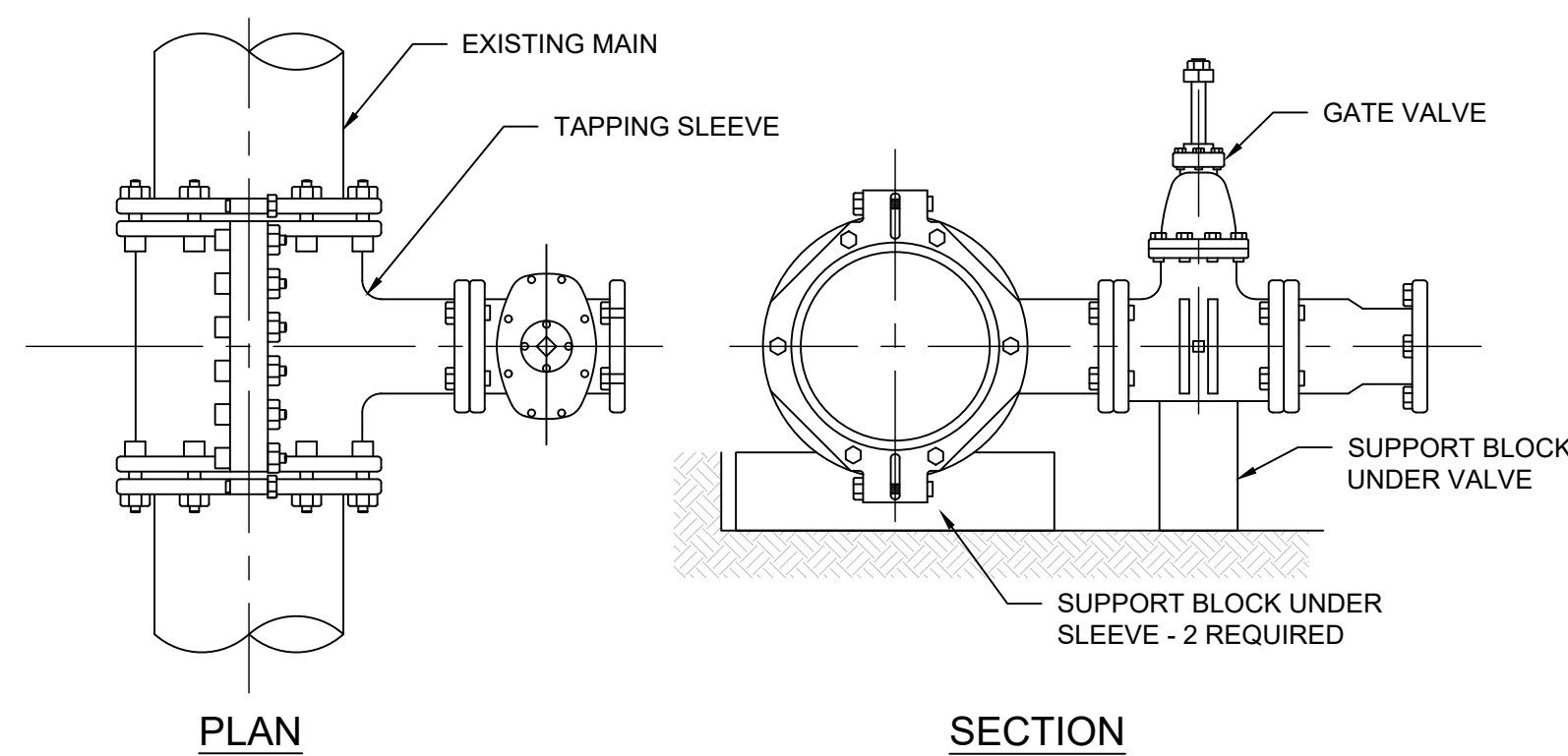
TYPICAL HYDRANT ASSEMBLY

SCALE: N.T.S.



THRUST BLOCK FOR WATER LINES

SCALE: N.T.S.

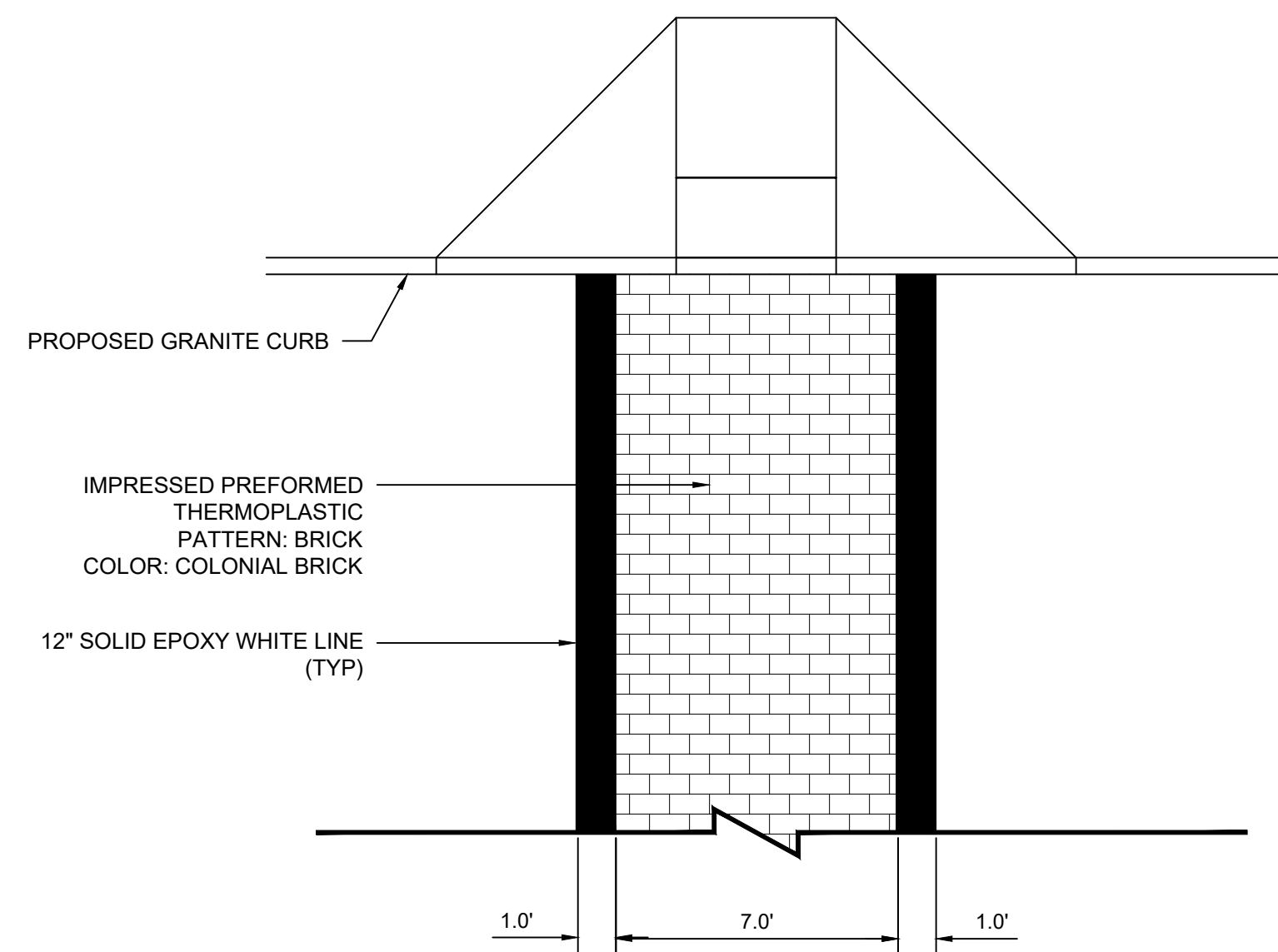


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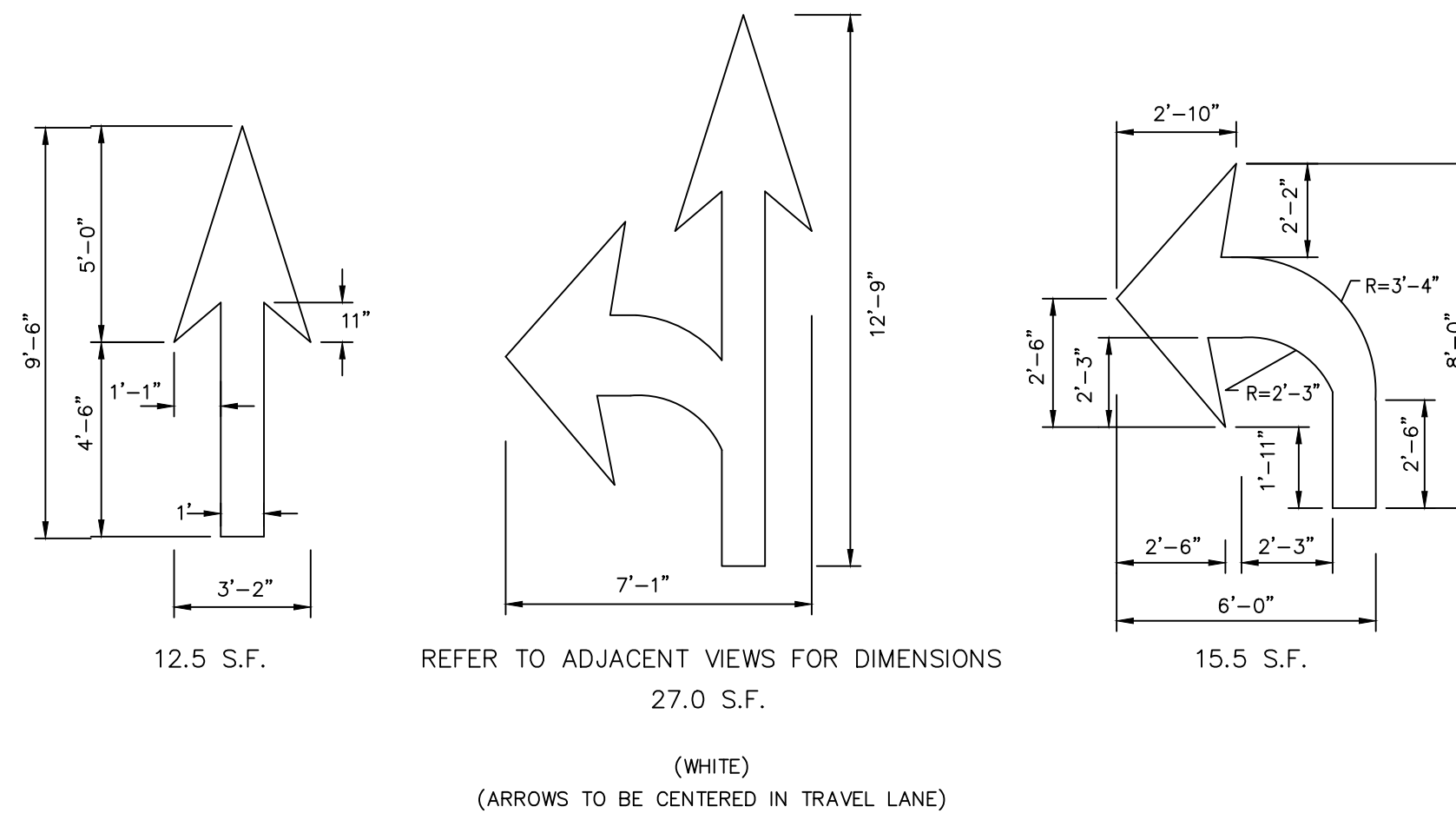
- SUPPORT BLOCKS TO BE PRESSURE TREATED WOOD OR CONCRETE MASONRY BLOCK.

TAPPING SLEEVE WITH GATE VALVE

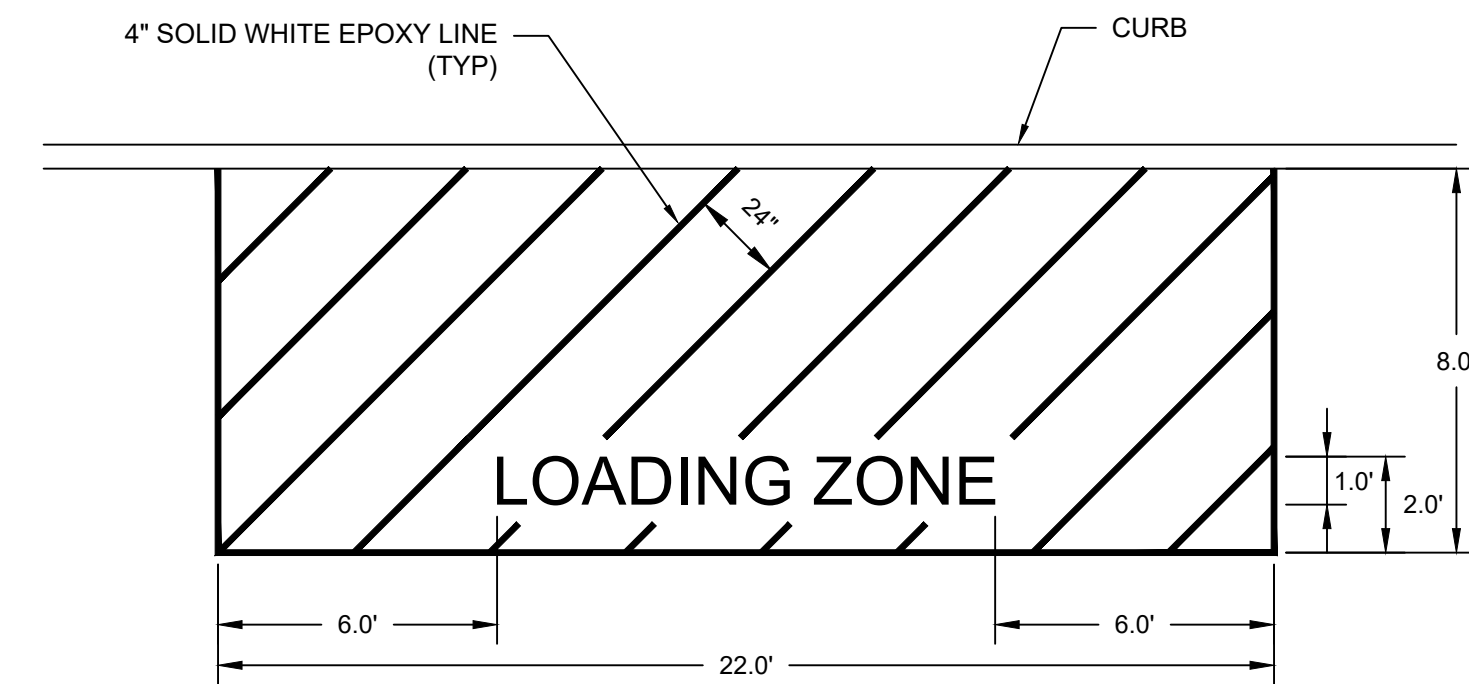
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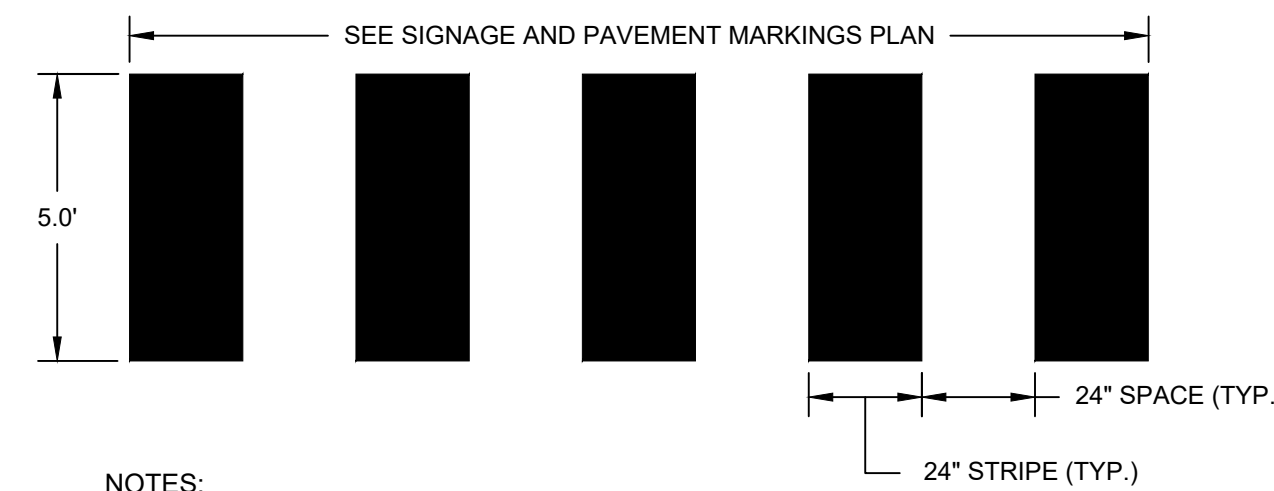
DECORATIVE CROSSWALK
SCALE: N.T.S.



PAVEMENT ARROW DETAILS
SCALE: N.T.S.

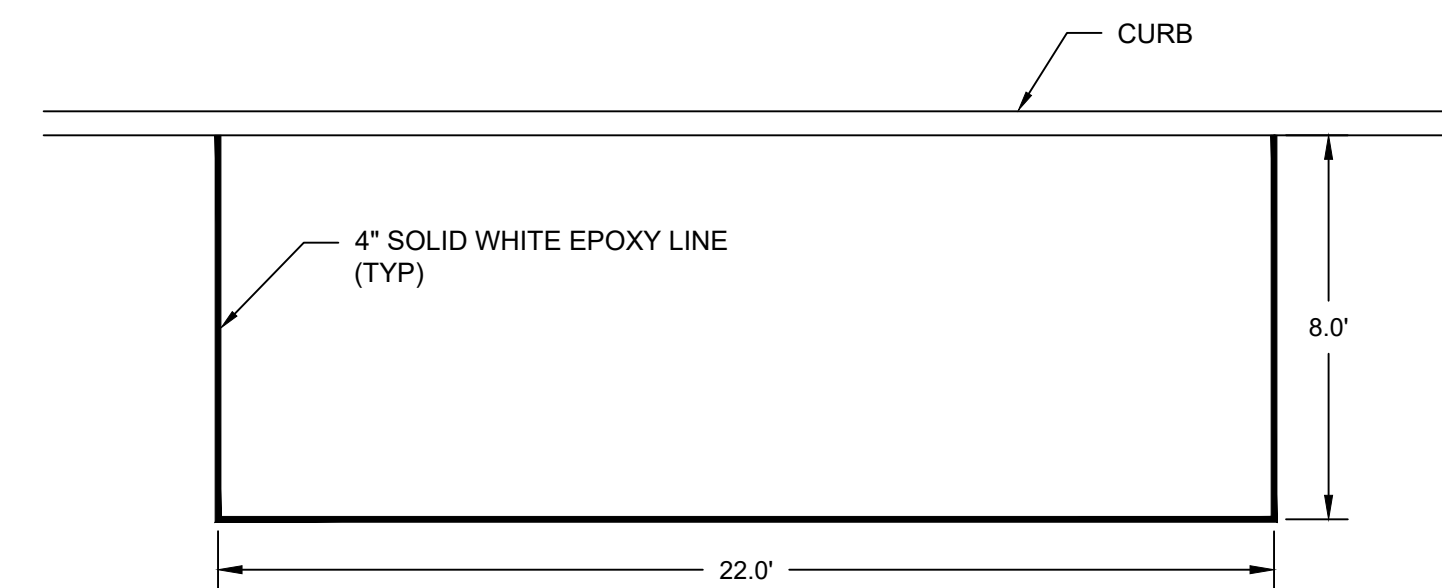


LOADING ZONE SPACE
SCALE: N.T.S.

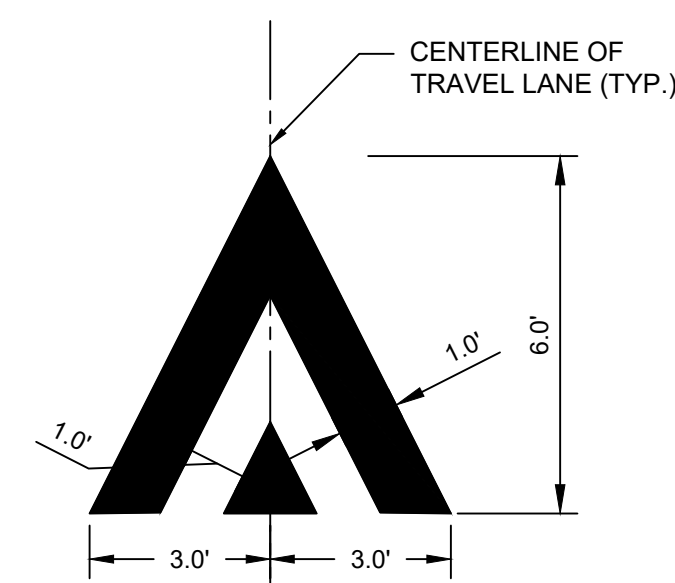


- NOTES:**
- MARKINGS FOR STREET SHALL BE ACCORDING TO REQUIREMENTS AS OUTLINED IN SECTION 3B OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
 - THESE MARKINGS ARE TO BE PAINTED REFLECTIVE WHITE.

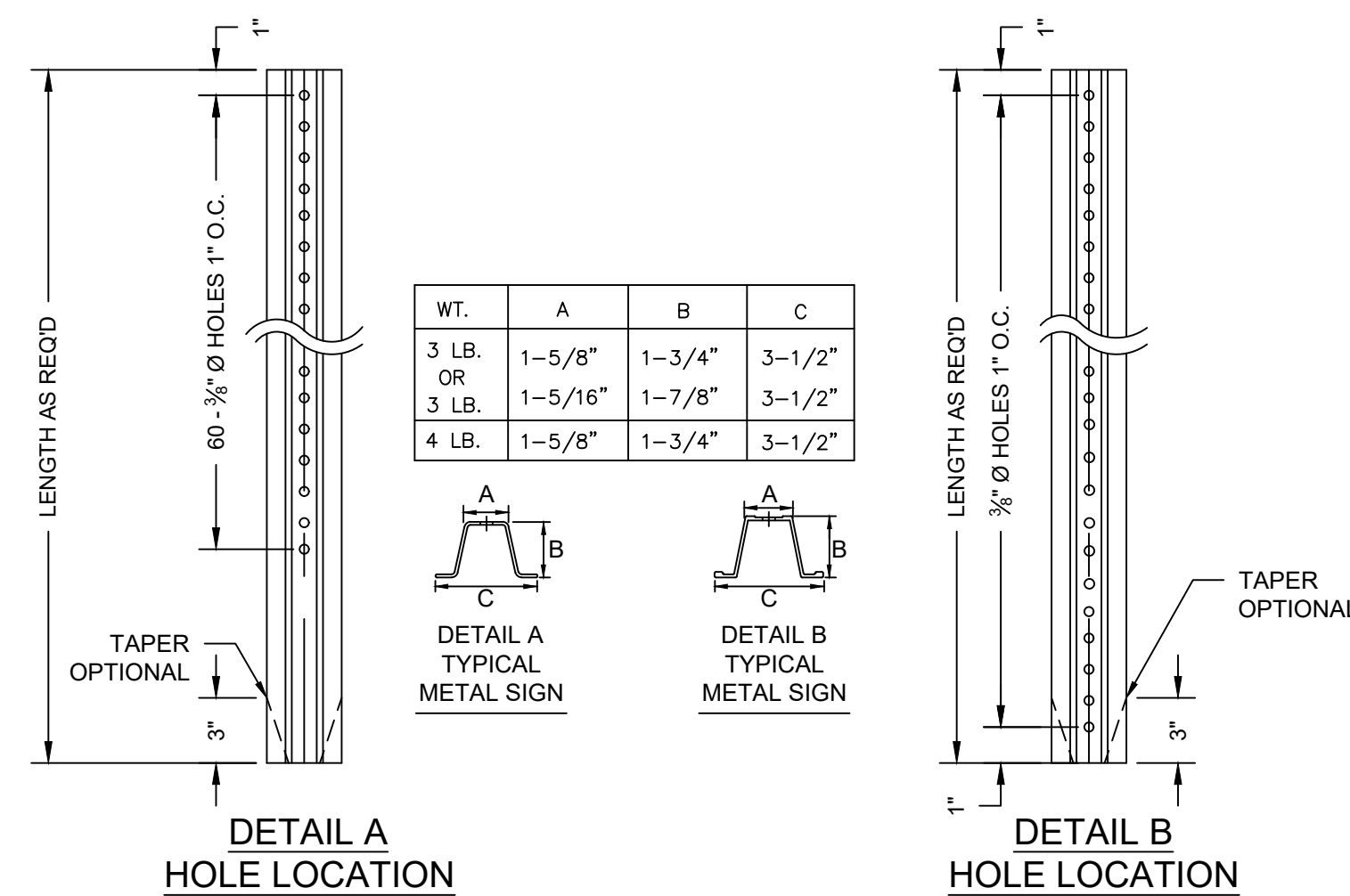
CROSSWALK MARKINGS
SCALE: N.T.S.



PARALLEL PARKING SPACE
SCALE: N.T.S.

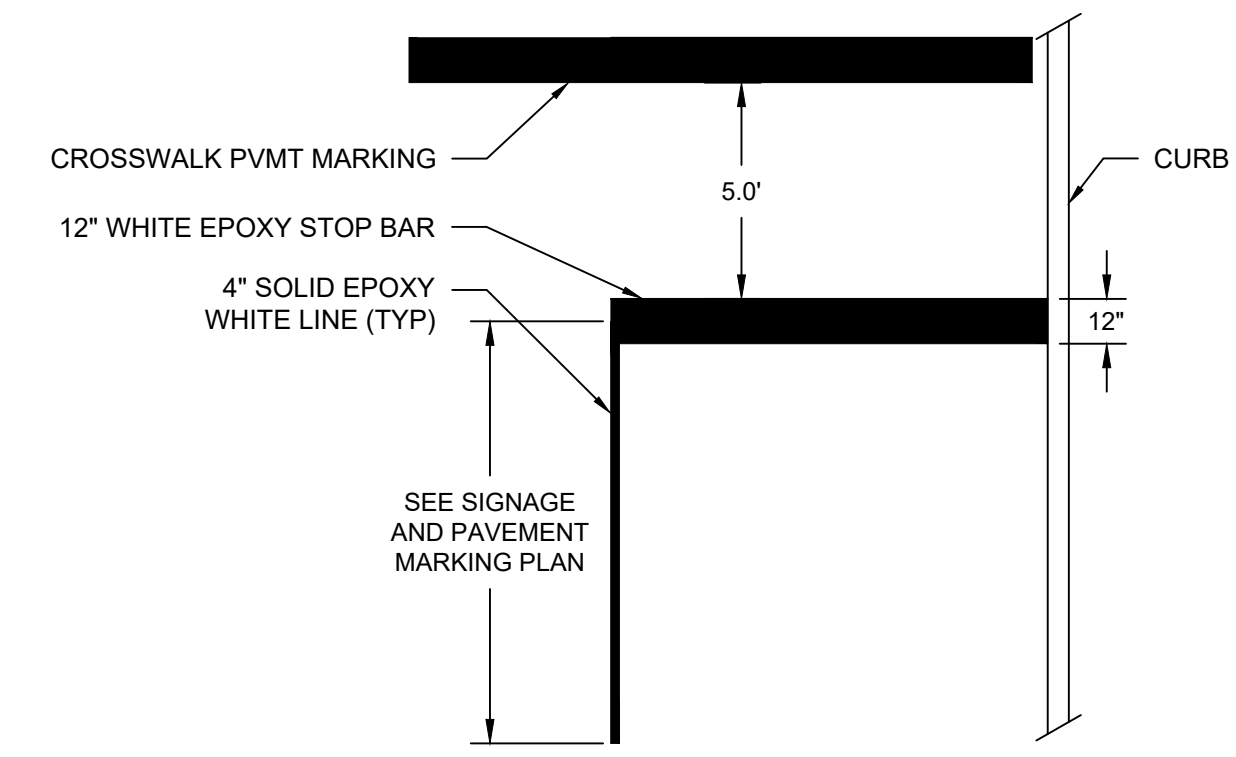


RAMP MARKING DETAIL
SCALE: N.T.S.

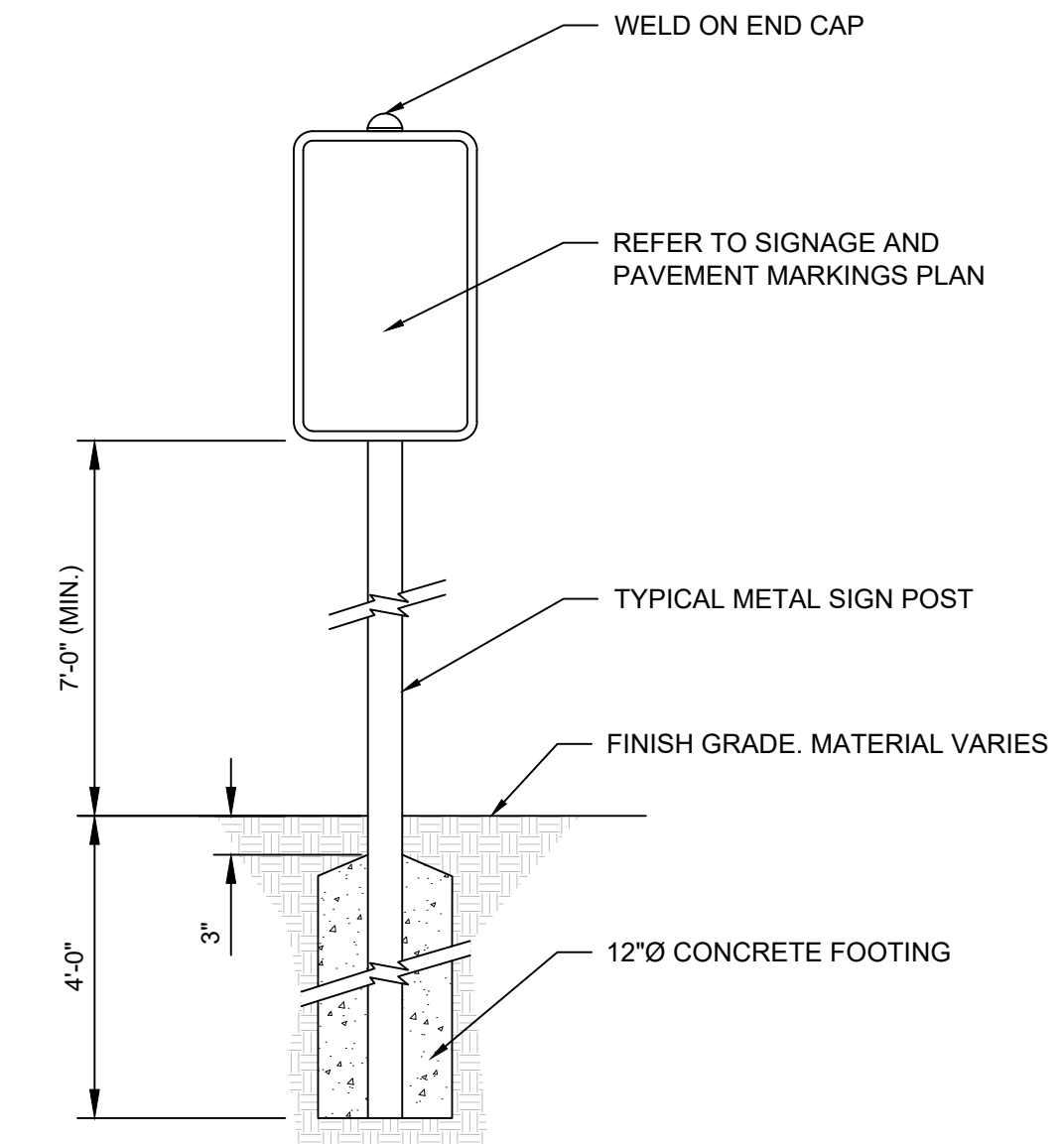


- NOTES:**
- STEEL FOR POSTS SHALL CONFORM TO THE MECHANICAL REQUIREMENTS OF ASTM A 499-81 GRADE 60 AND TO THE CHEMICAL REQUIREMENTS OF ASTM A1-76 CARBON STEEL TEE RAIL HAVING NOMINAL WEIGHT OF "91 LBS OR GREATER PER LINEAR YARD.
 - AFTER FABRICATION ALL STEEL POSTS SHALL BE GALVANIZED TO MEET THE REQUIREMENTS OF ASTM A-123.
 - SIGN MOUNTING HEIGHT TO BE APPROVED BY THE ENGINEER.

TYPICAL METAL SIGN POST
SCALE: N.T.S.

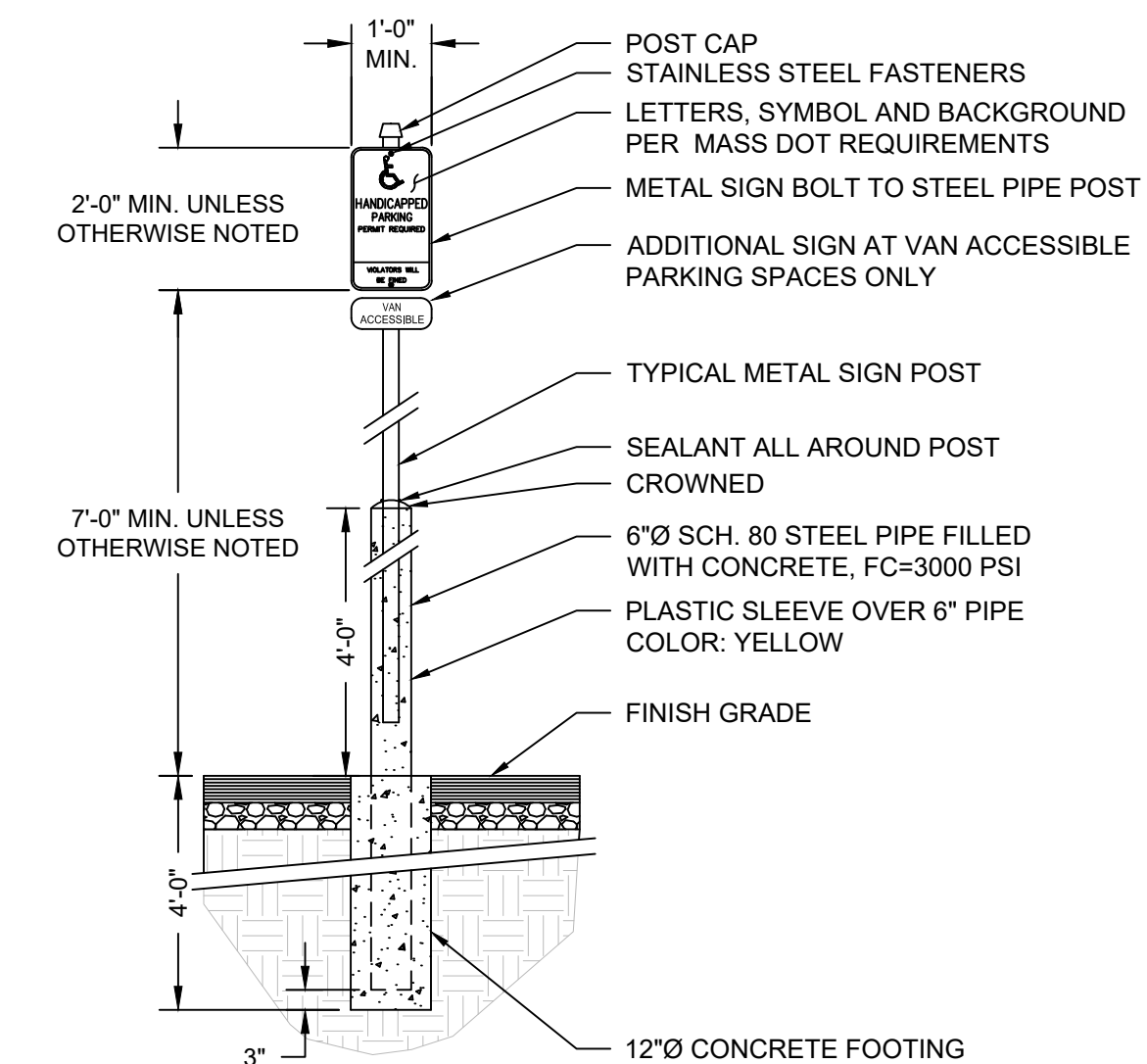


STOP BAR
SCALE: N.T.S.



- NOTES:**
- LOCATE CENTERLINE OF SIDE 18" BACK FROM FACE OF CURB (TYP)
 - TOP OF CONCRETE FOOTING SHALL BE MIN. 3" BELOW BOTTOM OF PAVEMENT AS OCCURS.

SIGN STANDARD
SCALE: N.T.S.



- NOTE:**
- PROVIDE SIGN AT EACH ACCESSIBLE PARKING STALL

ADA ACCESSIBLE PARKING SIGN
SCALE: N.T.S.

DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION

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ORIGINAL DRAWING SIZE IS 22 x 34

CIVIL DETAILS

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
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DESIGNED BY	K.VIOLETTE
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APPROVED BY	N.KULIKAUSKAS

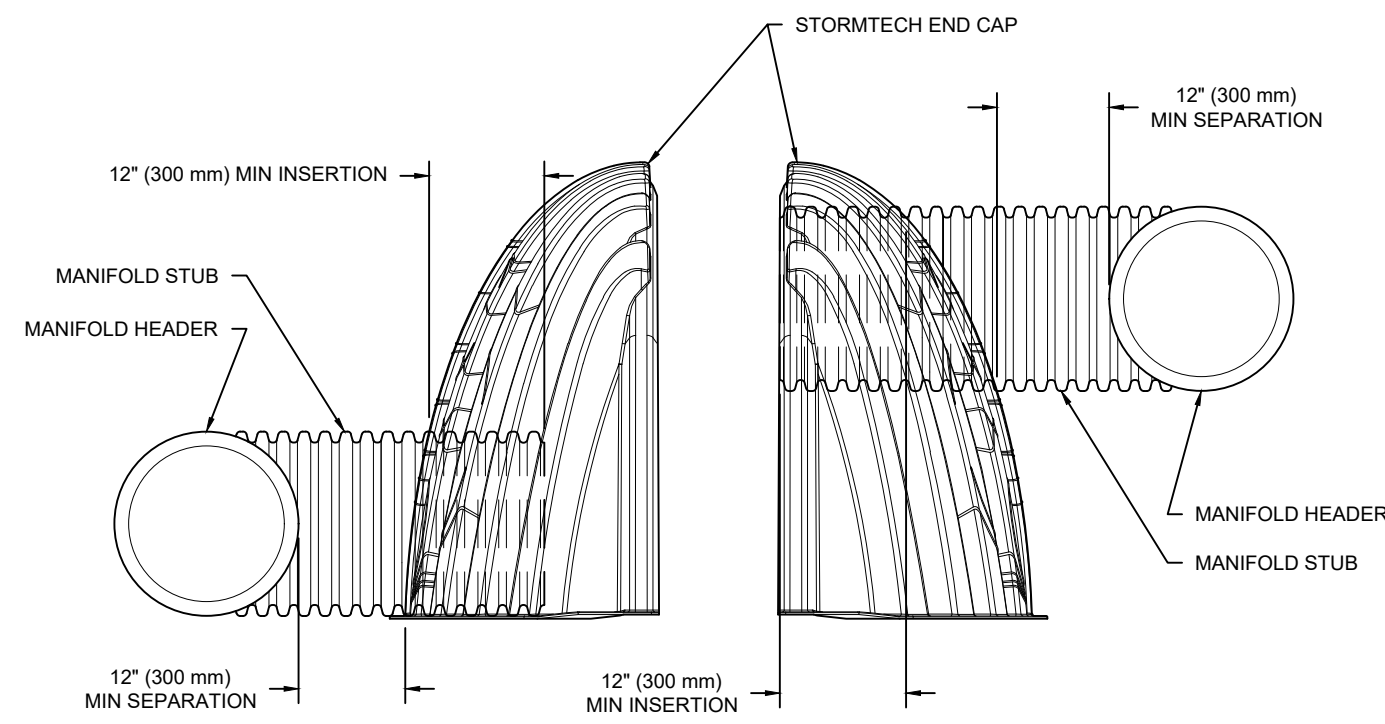
MDS-14



PART LEGEND				
ITEM	PART NAME	ADS PART	NOTES	MAX FLOW
A	PREFABRICATED END CAP	ADS PART # MC720024RAMP		
B	FLAMP	ADS PART # MC720024RAMP		
C	MANIFOLD	18" ADS N-12		

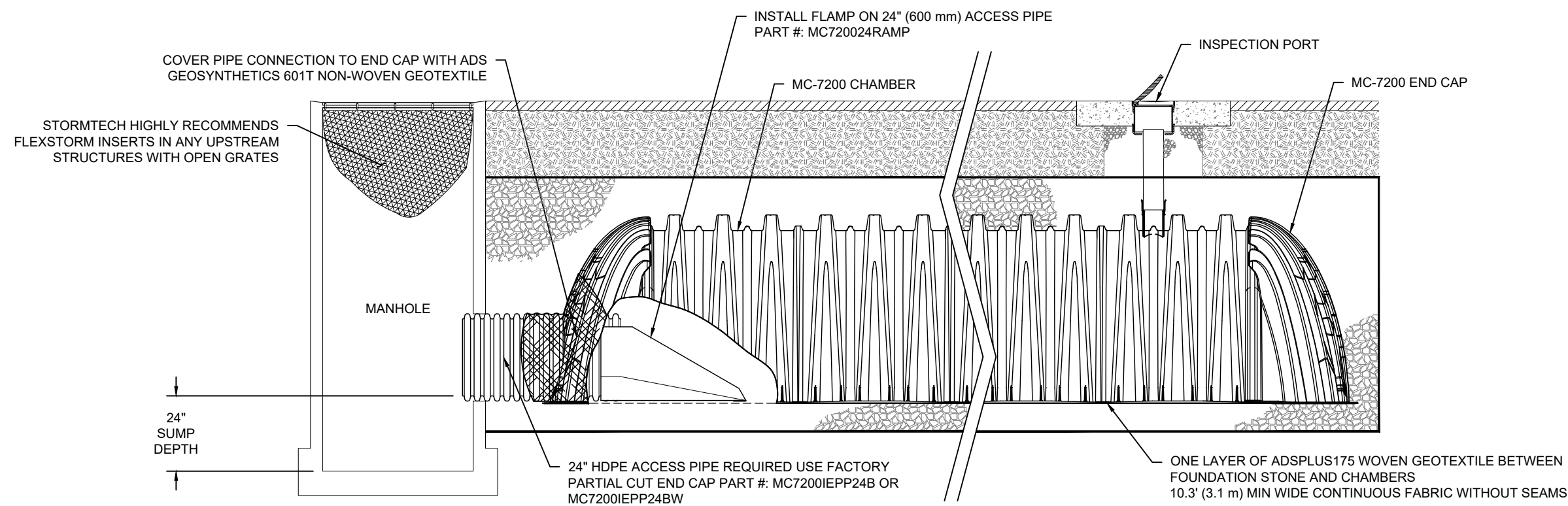
GENERAL NOTES:

- DUE TO THE ADAPTATION OF THIS CHAMBER SYSTEM TO SPECIFIC SITE AND DESIGN CONSTRAINTS, IT MAY BE NECESSARY TO CUT AND COUPLE ADDITIONAL PIPE TO STANDARD MANIFOLD COMPONENTS IN THE FIELD.
- THIS CHAMBER SYSTEM WAS DESIGNED WITHOUT SITE-SPECIFIC INFORMATION ON SOIL CONDITIONS OR BEARING CAPACITY. THE BEARING CAPACITY OF THE SOIL IS TO BE DETERMINED. THE BASE STONE DEPTH MAY BE INCREASED OR DECREASED ONCE THIS INFORMATION IS PROVIDED.
- NOT FOR CONSTRUCTION:** THIS LAYOUT IS FOR DIMENSIONAL PURPOSES ONLY TO PROVE CONCEPT & THE REQUIRED STORAGE VOLUME CAN BE ACHIEVED ON SITE.

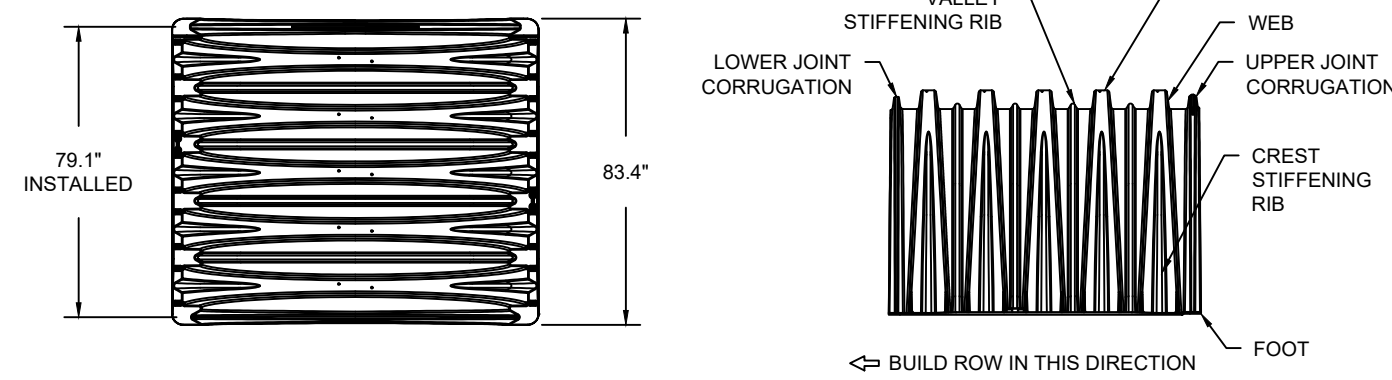


NOTE: MANIFOLD STUB MUST BE LAID HORIZONTAL FOR A PROPER FIT IN END CAP OPENING.

MC-SERIES END CAP INSERTION DETAIL
NTS



MC-7200 ISOLATOR ROW PLUS DETAIL
NTS



NOMINAL CHAMBER SPECIFICATIONS

SIZE (W X H X INSTALLED LENGTH)	CHAMBER STORAGE	MINIMUM INSTALLED STORAGE*	WEIGHT (NOMINAL)
100'0" X 60'0" X 79.1"	175.9 CUBIC FEET (4.98 m ³)	267.3 CUBIC FEET (7.56 m ³)	205 lbs. (92.9 kg)

NOMINAL END CAP SPECIFICATIONS

SIZE (W X H X INSTALLED LENGTH)	END CAP STORAGE	MINIMUM INSTALLED STORAGE*	WEIGHT (NOMINAL)
90'0" X 61'0" X 32.8"	39.5 CUBIC FEET (1.12 m ³)	115.3 CUBIC FEET (3.26 m ³)	90 lbs. (40.8 kg)

*ASSUMES 12" (305 mm) STONE ABOVE, 9" (229 mm) STONE FOUNDATION AND BETWEEN CHAMBERS, 12" (305 mm) STONE PERIMETER IN FRONT OF END CAPS AND 40% STONE POROSITY.

PARTIAL CUT HOLES AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"
PARTIAL CUT HOLES AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"
END CAPS WITH A PREFABRICATED WELDED STUB END WITH "W"

PART #	STUB	B	C
MC7200IEPP06T	6" (150 mm)	42.54" (1081 mm)	---
MC7200IEPP06B	---	---	0.86" (22 mm)
MC7200IEPP08T	8" (200 mm)	40.50" (1029 mm)	1.01" (26 mm)
MC7200IEPP08B	---	---	---
MC7200IEPP10T	10" (250 mm)	38.37" (975 mm)	1.33" (34 mm)
MC7200IEPP10B	---	---	---
MC7200IEPP12T	12" (300 mm)	35.69" (907 mm)	---
MC7200IEPP12B	---	---	1.55" (39 mm)
MC7200IEPP15T	15" (375 mm)	32.72" (831 mm)	---
MC7200IEPP15B	---	---	1.70" (43 mm)
MC7200IEPP18T	18" (450 mm)	29.36" (746 mm)	---
MC7200IEPP18B	---	---	1.97" (50 mm)
MC7200IEPP24T	24" (600 mm)	23.05" (585 mm)	---
MC7200IEPP24B	---	---	2.26" (57 mm)
MC7200IEPP24BW	---	---	2.95" (75 mm)
MC7200IEPP30BW	---	---	3.25" (83 mm)
MC7200IEPP36BW	---	---	3.55" (90 mm)

NOTE: ALL DIMENSIONS ARE NOMINAL

MC-7200 TECHNICAL SPECIFICATION
NTS

MC-7200 STORMTECH CHAMBER SPECIFICATIONS:

- CHAMBERS SHALL BE STORMTECH MC-7200.
- CHAMBERS SHALL BE ARCH-SHAPED AND SHALL BE MANUFACTURED FROM VIRGIN, IMPACT-MODIFIED POLYPROPYLENE COPOLYMERS.
- CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 60x101.
- CHAMBER ROWS SHALL PROVIDE CONTINUOUS, UNOBSTRUCTED INTERNAL SPACE WITH NO INTERNAL SUPPORTS THAT WOULD IMPEDE FLOW OR LIMIT ACCESS FOR INSPECTION.
- THE STRUCTURAL DESIGN OF THE CHAMBERS, THE STRUCTURAL BACKFILL, AND THE INSTALLATION REQUIREMENTS SHALL ENSURE THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 12.12, ARE MET FOR: 1) LONG-DURATION DEAD LOADS AND 2) SHORT-DURATION LIVE LOADS, BASED ON THE AASHTO DESIGN TRUCK WITH CONSIDERATION FOR IMPACT AND MULTIPLE VEHICLE PRESENCES.
- CHAMBERS SHALL BE DESIGNED, TESTED AND ALLOWABLE LOAD CONFIGURATIONS DETERMINED IN ACCORDANCE WITH ASTM F2787, "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". LOAD CONFIGURATIONS SHALL INCLUDE: 1) INSTANTANEOUS (<1 MIN) AASHTO DESIGN TRUCK LIVE LOAD ON MINIMUM COVER 2) MAXIMUM PERMANENT (75-YR) COVER LOAD AND 3) ALLOWABLE COVER WITH PARKED (1-WEEK) AASHTO DESIGN TRUCK.
- REQUIREMENTS FOR HANDLING AND INSTALLATION:
 - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
 - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 3".
 - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT SHALL BE GREATER THAN OR EQUAL TO 450 LBS/FT². THE ASC IS DEFINED IN SECTION 6.2.8 OF ASTM F2418. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.
- ONLY CHAMBERS THAT ARE APPROVED BY THE SITE DESIGN ENGINEER WILL BE ALLOWED. UPON REQUEST BY THE SITE DESIGN ENGINEER OR OWNER, THE CHAMBER MANUFACTURER SHALL SUBMIT A STRUCTURAL EVALUATION FOR APPROVAL BEFORE DELIVERING CHAMBERS TO THE PROJECT SITE AS FOLLOWS:
 - THE STRUCTURAL EVALUATION SHALL BE SEALED BY A REGISTERED PROFESSIONAL ENGINEER.
 - THE STRUCTURAL EVALUATION SHALL DEMONSTRATE THAT THE SAFETY FACTORS ARE GREATER THAN OR EQUAL TO 1.35 FOR DEAD LOAD AND 1.75 FOR LIVE LOAD, THE MINIMUM REQUIRED BY ASTM F2787 AND BY SECTIONS 3 AND 12.12 OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS FOR THERMOPLASTIC PIPE.
 - THE TEST DERIVED CREEP MODULUS AS SPECIFIED IN ASTM F2418 SHALL BE USED FOR PERMANENT DEAD LOAD DESIGN EXCEPT THAT IT SHALL BE THE 75-YEAR MODULUS USED FOR DESIGN.
- CHAMBERS AND END CAPS SHALL BE PRODUCED AT AN ISO 9001 CERTIFIED MANUFACTURING FACILITY.

INSPECTION & MAINTENANCE

- STEP 1) INSPECT ISOLATOR ROW PLUS FOR SEDIMENT
- INSPECTION PORTS (IF PRESENT)
 - REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
 - REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
 - USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
 - LOWER A CAMERA INTO ISOLATOR ROW PLUS FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
 - IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- B. ALL ISOLATOR PLUS ROWS
- REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW PLUS
 - USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW PLUS THROUGH OUTLET PIPE
 - MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
 - FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
 - IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- STEP 2) CLEAN OUT ISOLATOR ROW PLUS USING THE JETVAC PROCESS
- A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45" (1.1 m) OR MORE IS PREFERRED
 - APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
 - VACUUM STRUCTURE SUMP AS REQUIRED
- STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.
- STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

NOTES

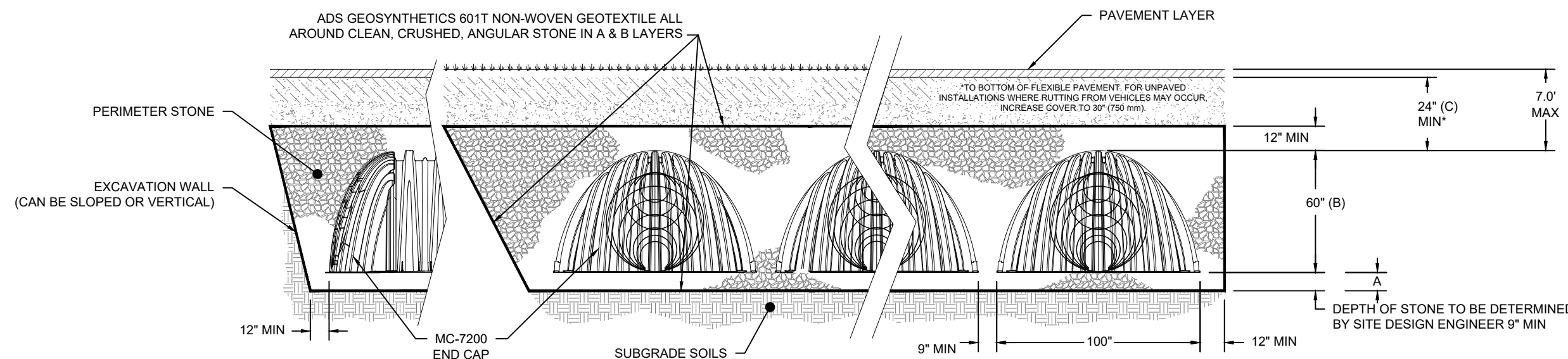
- INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
- CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.

ACCEPTABLE FILL MATERIALS: STORMTECH MC-7200 CHAMBER SYSTEMS

MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	FINAL FILL: FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER.	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A
C	INITIAL FILL: FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 24" (600 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	AASHTO M145 ¹ A-1, A-2-4, A-3 OR AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10
B	EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43 ¹ 3, 4
A	FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43 ¹ 3, 4

NOTES:

- THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
- STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 9" (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
- WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.
- ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.



MC-7200 SECTION VIEW DETAIL
NTS

NOTES:

- CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 60x101
- MC-7200 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
- PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
- REQUIREMENTS FOR HANDLING AND INSTALLATION:
 - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
 - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 3".
 - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT SHALL BE GREATER THAN OR EQUAL TO 450 LBS/FT². THE ASC IS DEFINED IN SECTION 6.2.8 OF ASTM F2418. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.



400 Capital Boulevard, Suite 104
Rocky Hill, CT 06867
Phone: 860-563-7775
www.kleinfelder.com

LANDSCAPE ARCHITECT

Richter & Cegan Inc.

8B CANAL COURT P.O. BOX 567
AVON, CT 06001
PHONE: 860-678-0669
CONTACT NAME: Gary Guimond
EMAIL: gguimond@richtercegan.com



DRAWING ISSUE

REV	DESCRIPTION	DATE

REVISIONS

REV	DESCRIPTION	DSN	CHK	APP	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION

THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING

IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

ORIGINAL DRAWING SIZE IS 22 x 34

GREEN STORMWATER INFRASTRUCTURE (SUBSURFACE INFILTRATION BASIN DETAILS)

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS BOROUGH OF NAUGATUCK



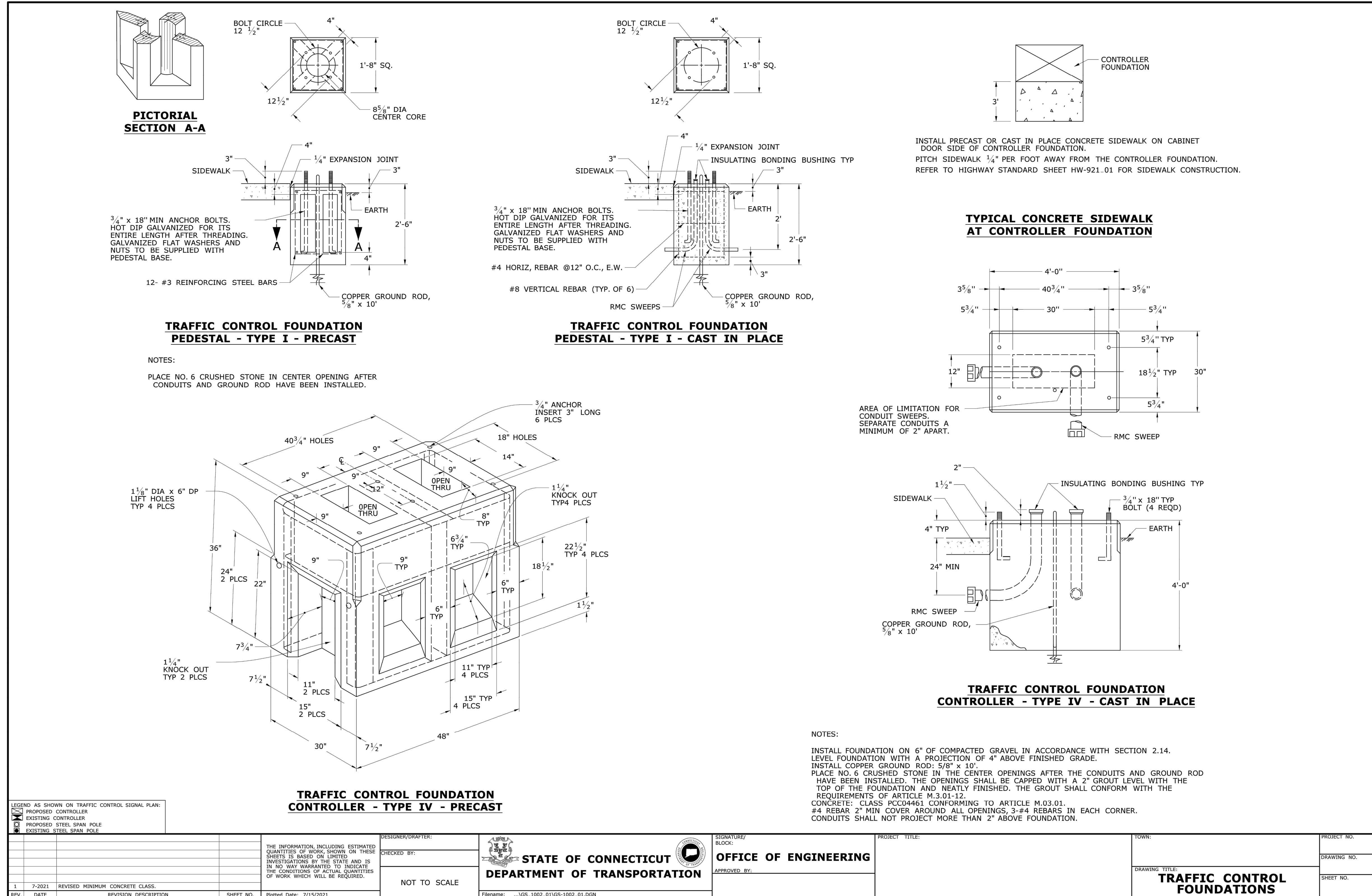
BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

MDS-15

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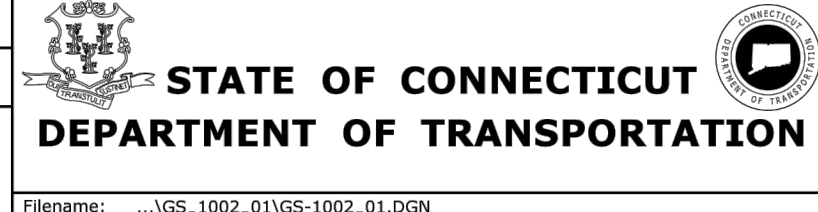
LEGEND AS SHOWN ON TRAFFIC CONTROL SIGNAL PLAN:

□	PROPOSED CONTROLLER
▣	EXISTING CONTROLLER
○	PROPOSED STEEL SPAN POLE
●	EXISTING STEEL SPAN POLE

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
1	7-2021	REVISED MINIMUM CONCRETE CLASS.	

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DESIGNER/DRAFTER:
CHECKED BY:
NOT TO SCALE



SIGNATURE/BLOCK:
OFFICE OF ENGINEERING
APPROVED BY:

PROJECT TITLE:
TOWN:
DRAWING TITLE:
TRAFFIC CONTROL FOUNDATIONS

PROJECT NO.
DRAWING NO.
SHEET NO.

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION
THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING
0 1"
IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

ORIGINAL DRAWING SIZE IS 22 x 34
TRAFFIC DETAILS
DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION
PROJECT NO. 20225069.002A
ISSUE DATE 06/30/2023
CURRENT REVISION IFC
DESIGNED BY K.VIOLETTE
DRAWN BY J.PERKINS
CHECKED BY P. KING
APPROVED BY N.KULIKAUSKAS

MDS-17

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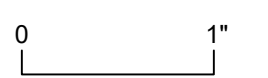
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REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

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SCALE VERIFICATION

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ORIGINAL DRAWING SIZE IS 22 x 34

TRAFFIC DETAILS

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK

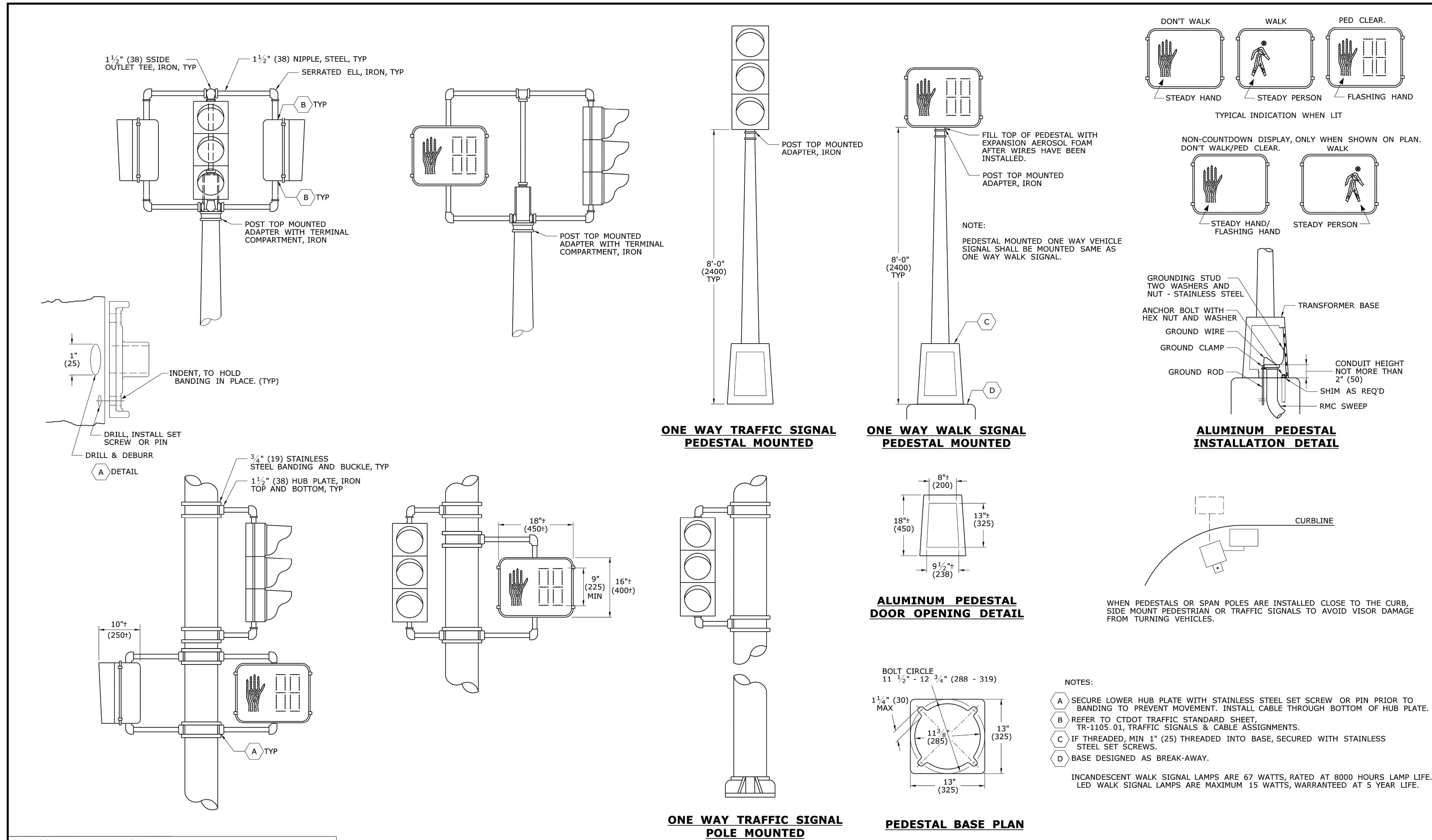


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULKAUSKAS

MDS-18



LEGEND AS SHOWN ON TRAFFIC CONTROL SIGNAL PLAN:

□	STEEL SPAN POLE, MAST ARM ASSEMBLY SHAFT	□	PEDESTAL SIGNAL
□	ALUMINUM PEDESTAL	□	PEDESTAL MOUNTED, TRAFFIC & PEDESTRIAN SIGNALS
→	TRAFFIC SIGNAL	□	POLE MOUNTED, TRAFFIC & PEDESTRIAN SIGNALS

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Plotted Date: 4/14/2012

DIMENSIONS ARE IN ENGLISH (") & METRIC UNITS (mm). METRIC DIMENSIONS ARE ROUNDED: - OVER 1" TO NEAREST 5 mm - UNDER 1" TO NEAREST 1 mm.

NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

SUBMITTED BY: Tracy L. Fogarty
NAME/DATE/TIME: Tracy L. Fogarty 2012.05.01 12:55:27-04'00'

APPROVED BY: Timothy M. Wilson
NAME/DATE/TIME: Timothy M. Wilson 2012.05.09 10:24:58-04'00'

CTDOT
STANDARD SHEET
OFFICE OF ENGINEERING

STANDARD SHEET TITLE:
PEDESTALS, PEDESTRIAN SIGNALS

STANDARD SHEET NO.:
TR-1102_01

PLOTTED: 6/30/2023 4:01 PM BY: kenneth.mccandless
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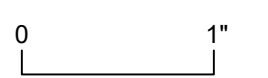
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REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

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SCALE VERIFICATION

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ORIGINAL DRAWING SIZE IS 22 x 34

TRAFFIC DETAILS

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK

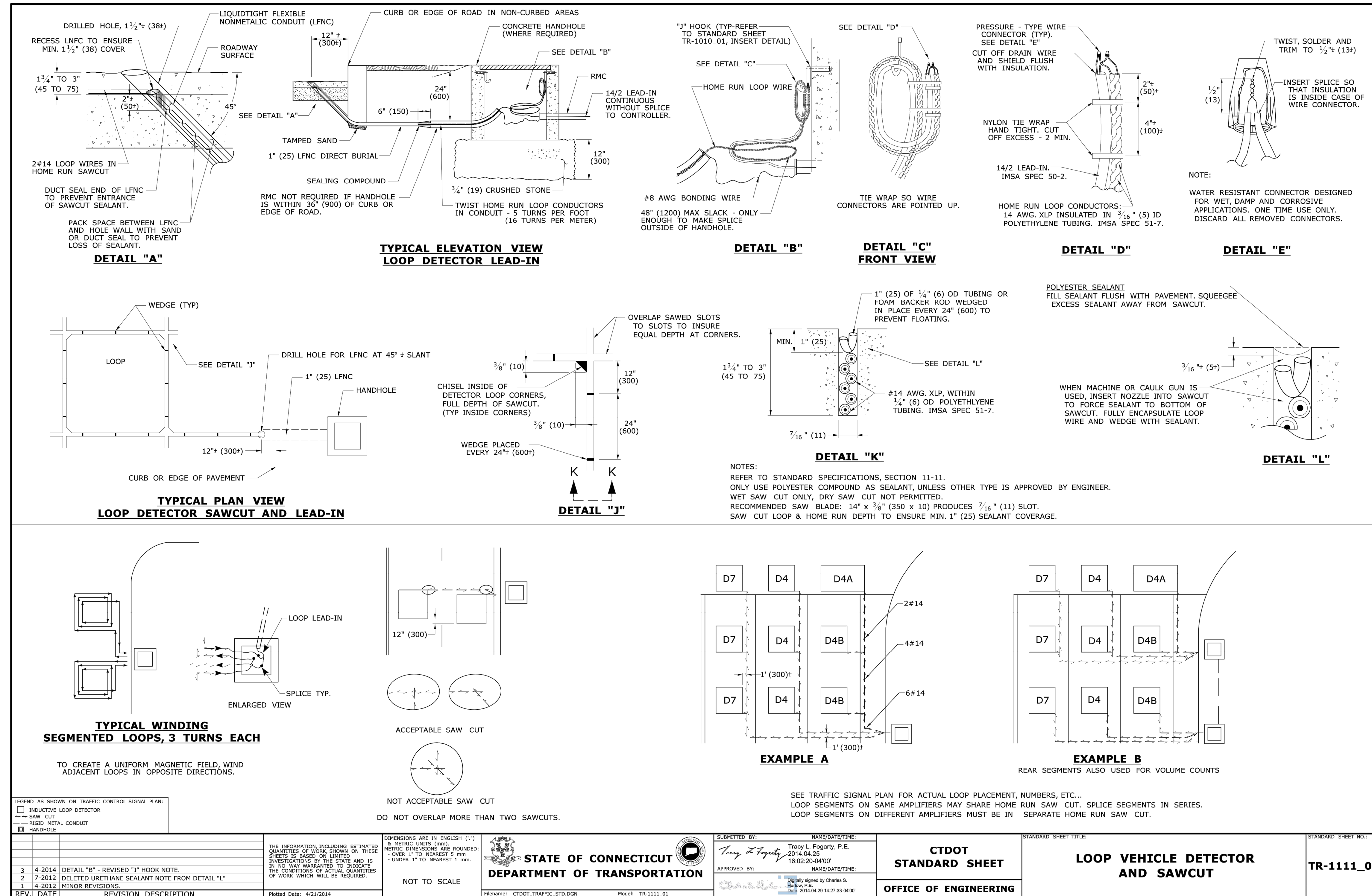


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

MDS-19



REV.	DATE	REVISION DESCRIPTION
3	4-2014	DETAIL "B" - REVISED "J" HOOK NOTE.
2	7-2012	DELETED URETHANE SEALANT NOTE FROM DETAIL "L"
1	4-2012	MINOR REVISIONS.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 4/21/2014

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

CDOT STANDARD SHEET

OFFICE OF ENGINEERING

TRACY L. FOGARTY, P.E.
2014.04.25
16:02:20-04'00"

APPROVED BY: [Signature]

CDOT STANDARD SHEET

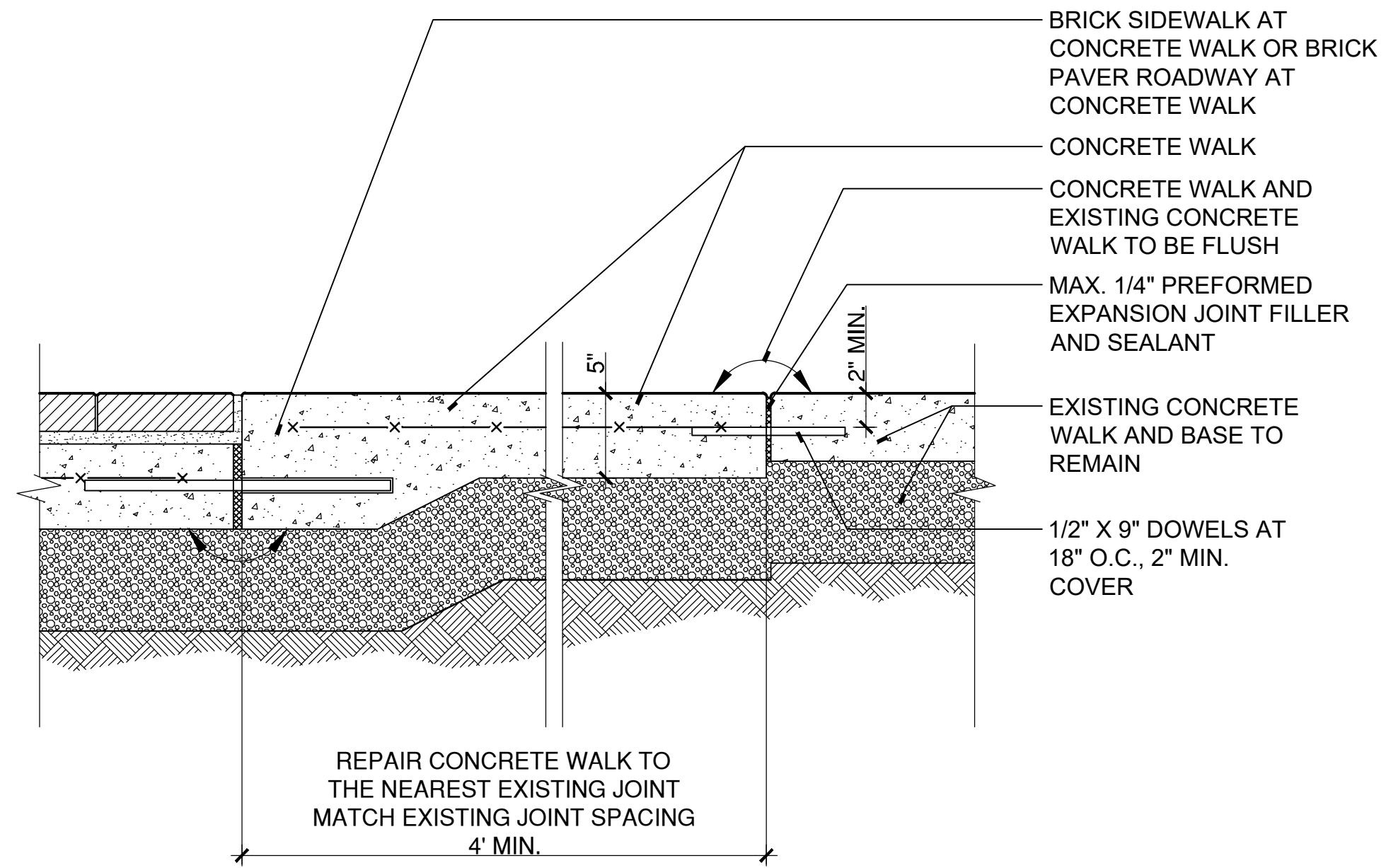
OFFICE OF ENGINEERING

LOOP VEHICLE DETECTOR AND SAWCUT

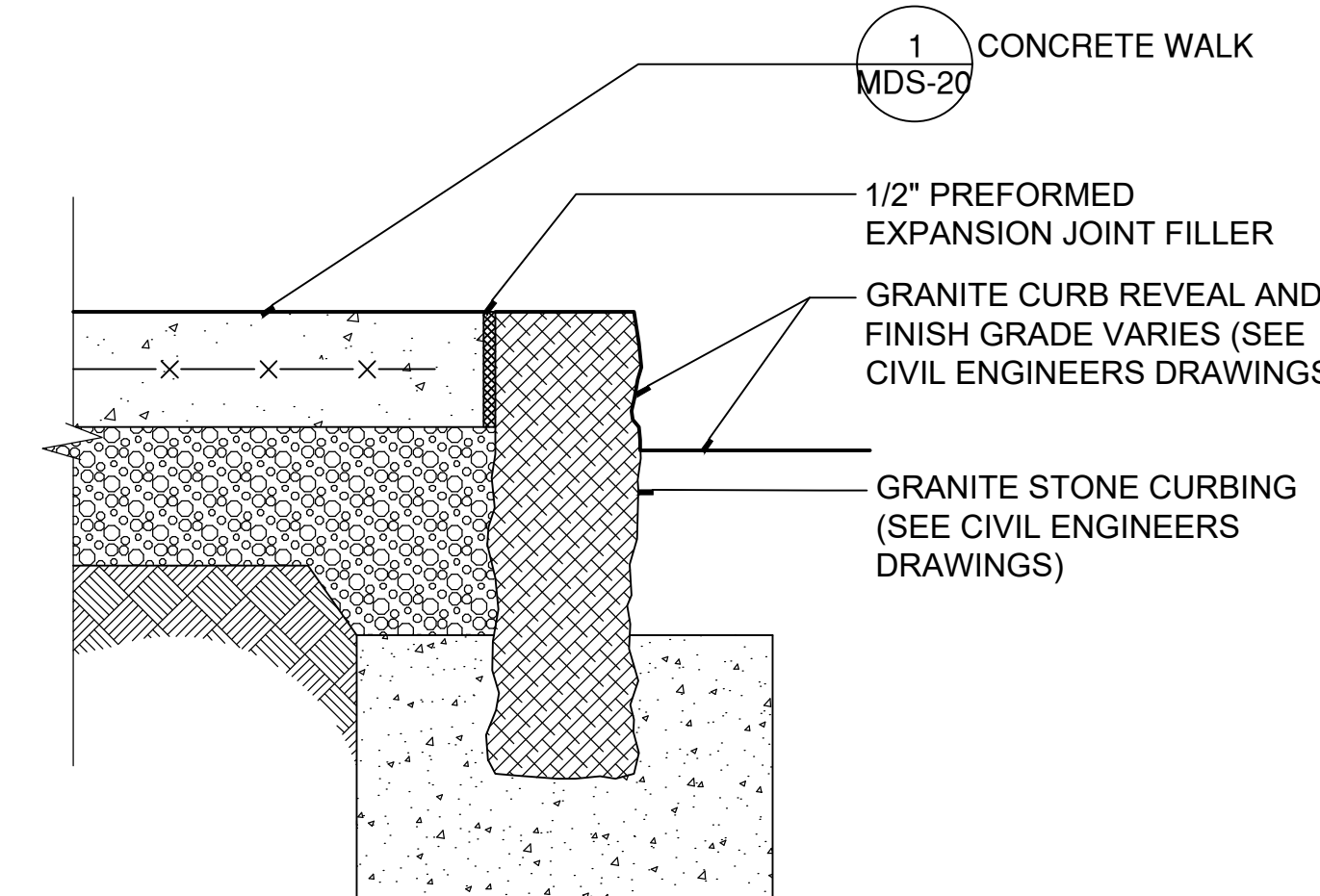
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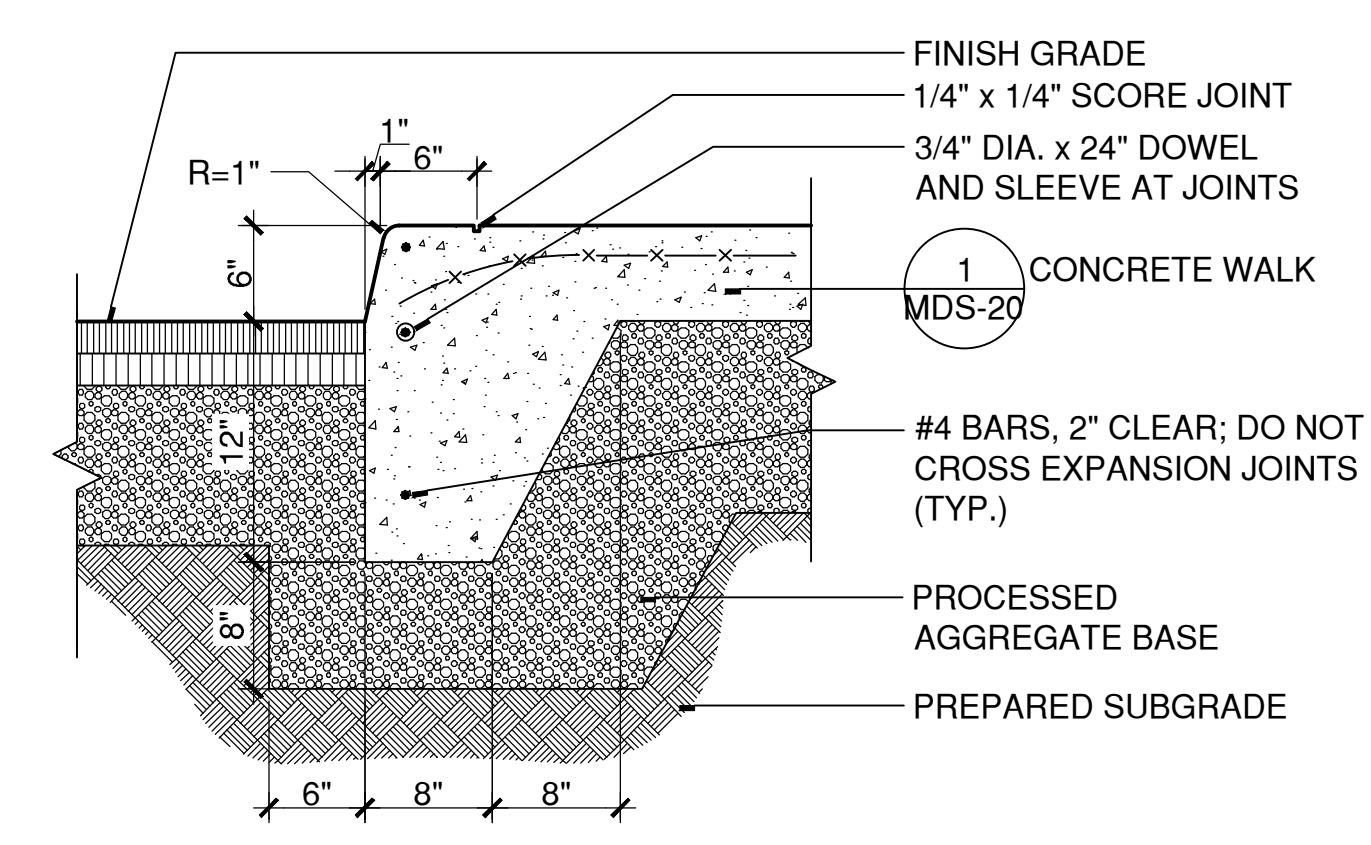
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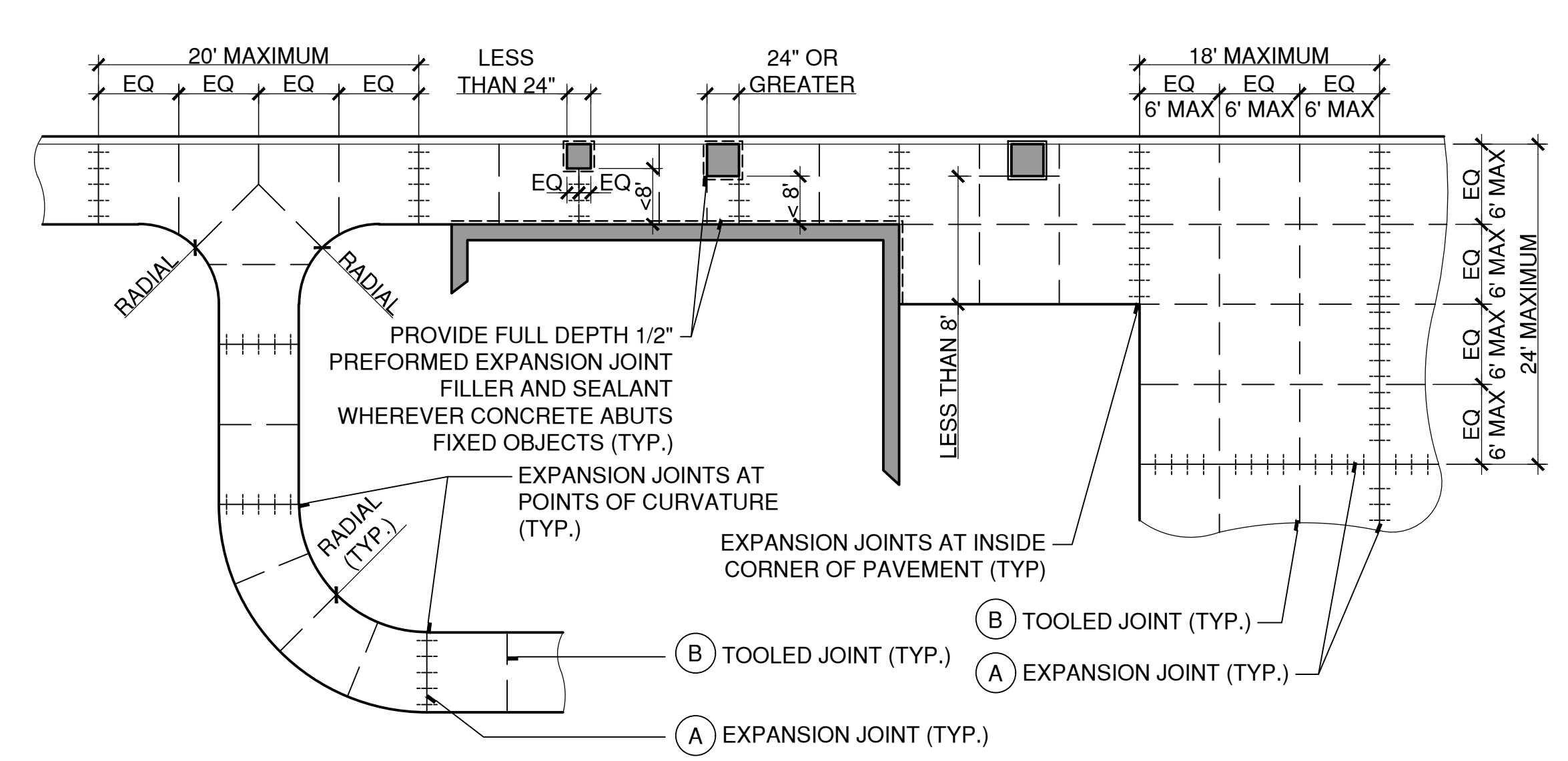
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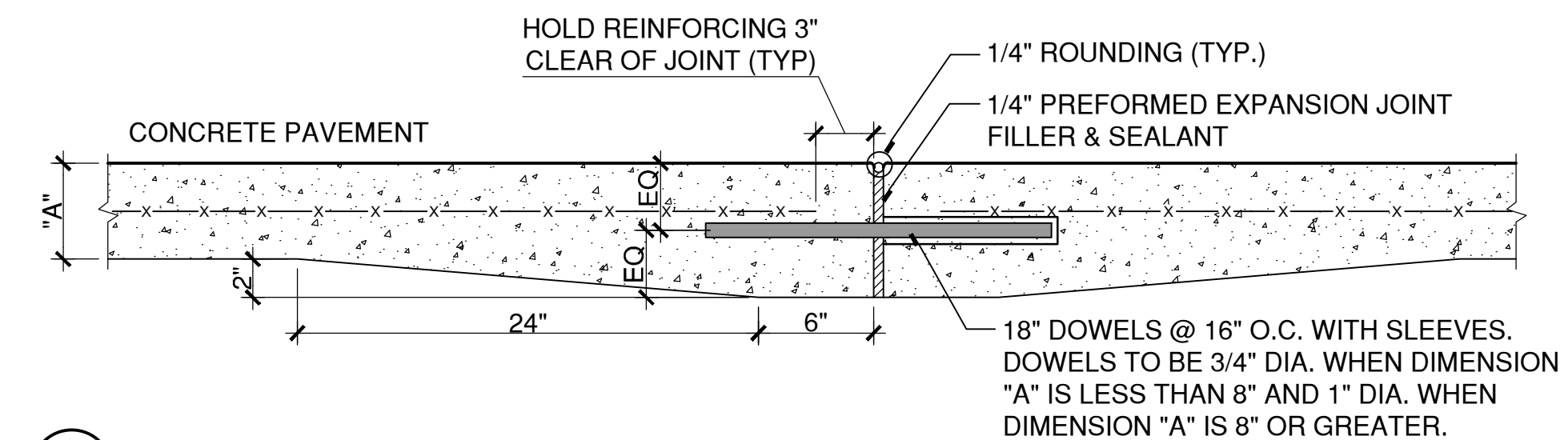
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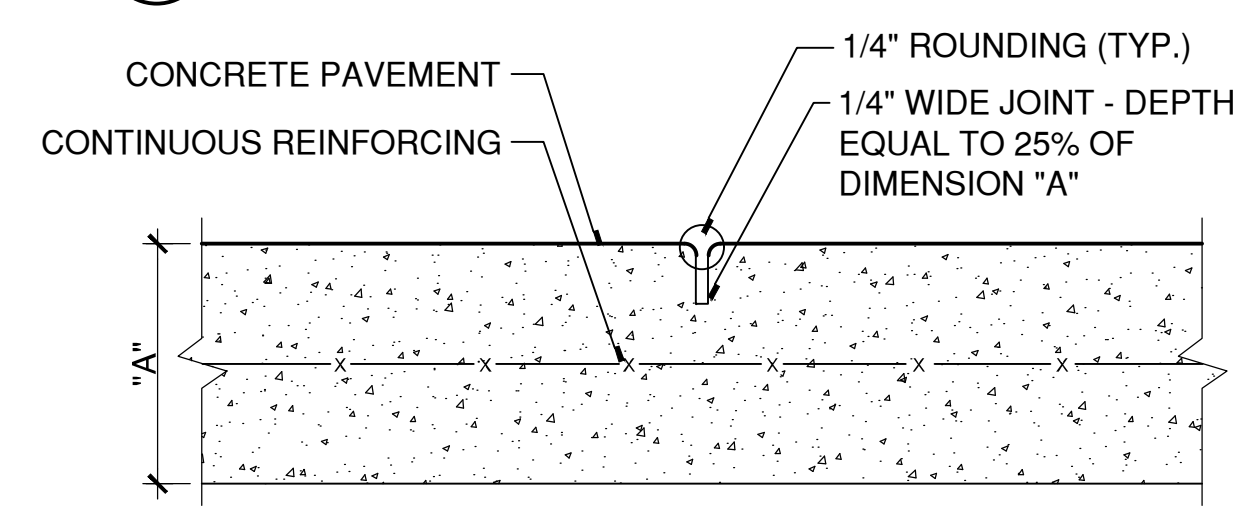
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3 TYPICAL JOINT PLACEMENT IN CONCRETE
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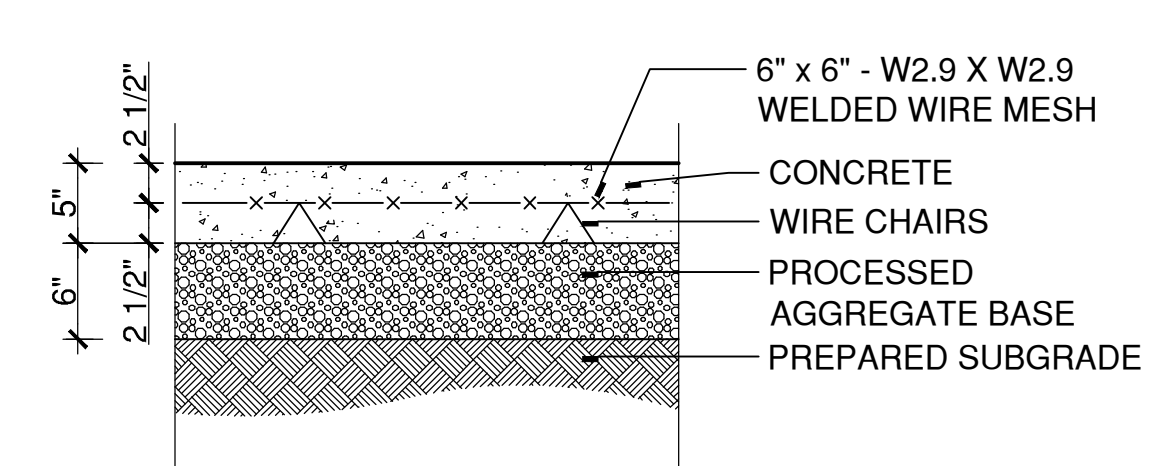
A EXPANSION JOINT
Scale: 1 1/2" = 1'-0"



B TOOLED JOINT
Scale: 3" = 1'-0"

- NOTES:
- INSTALL TOOLED JOINTS AT SPACING EQUAL TO THE WALK WIDTH, UP TO A MAXIMUM OF 6 FEET, UNLESS DIMENSIONED OTHERWISE.
 - INSTALL EXPANSION JOINTS WITHIN THE TOOLED JOINT SPACING MODULE UP TO A MAXIMUM SPACING OF 20 FEET.
 - TYPICAL SPACING :
WALK WIDTH EXPANSION JOINT SPACING
4' 20' (5 PANELS @ 4')
5' 20' (4 PANELS @ 5')
6' 18' (3 PANELS @ 6')
 - INSTALL FULL DEPTH 1/2" PREFORMED EXPANSION JOINT FILLER AND SEALANT WHEREVER PAVEMENT ABUTS FIXED OBJECTS.
 - REINFORCEMENT DOES NOT CROSS THE EXPANSION JOINT. MAINTAIN MINIMUM CLEAR DISTANCE. ONLY DOWELS CROSS EXPANSION JOINT.
 - SEE TYPICAL JOINT PLACEMENT DETAIL **3** MDS-20

2 CONCRETE JOINT DETAILS
SCALE: 1"=1'
X:\CADSTANDARD\DETAILS\321313-B.DWG



NOTE: SEE **2** MDS-20 **3** MDS-20 FOR JOINT DETAILS AND LOCATIONS

1 CONCRETE WALK
SCALE: 1"=1'
X:\CADSTANDARD\DETAILS\321313-A.DWG



DRAWING ISSUE

REV	DESCRIPTION	DATE

REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION
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0 1"
IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

ORIGINAL DRAWING SIZE IS 22 x 34
STREETScape MISCELLANEOUS DETAILS

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

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PROJECT NO.	20225069.002A	MDS-20
ISSUE DATE	06/30/2023	
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DRAWN BY	REM/GJL	
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BOROUGH OF NAUGATUCK

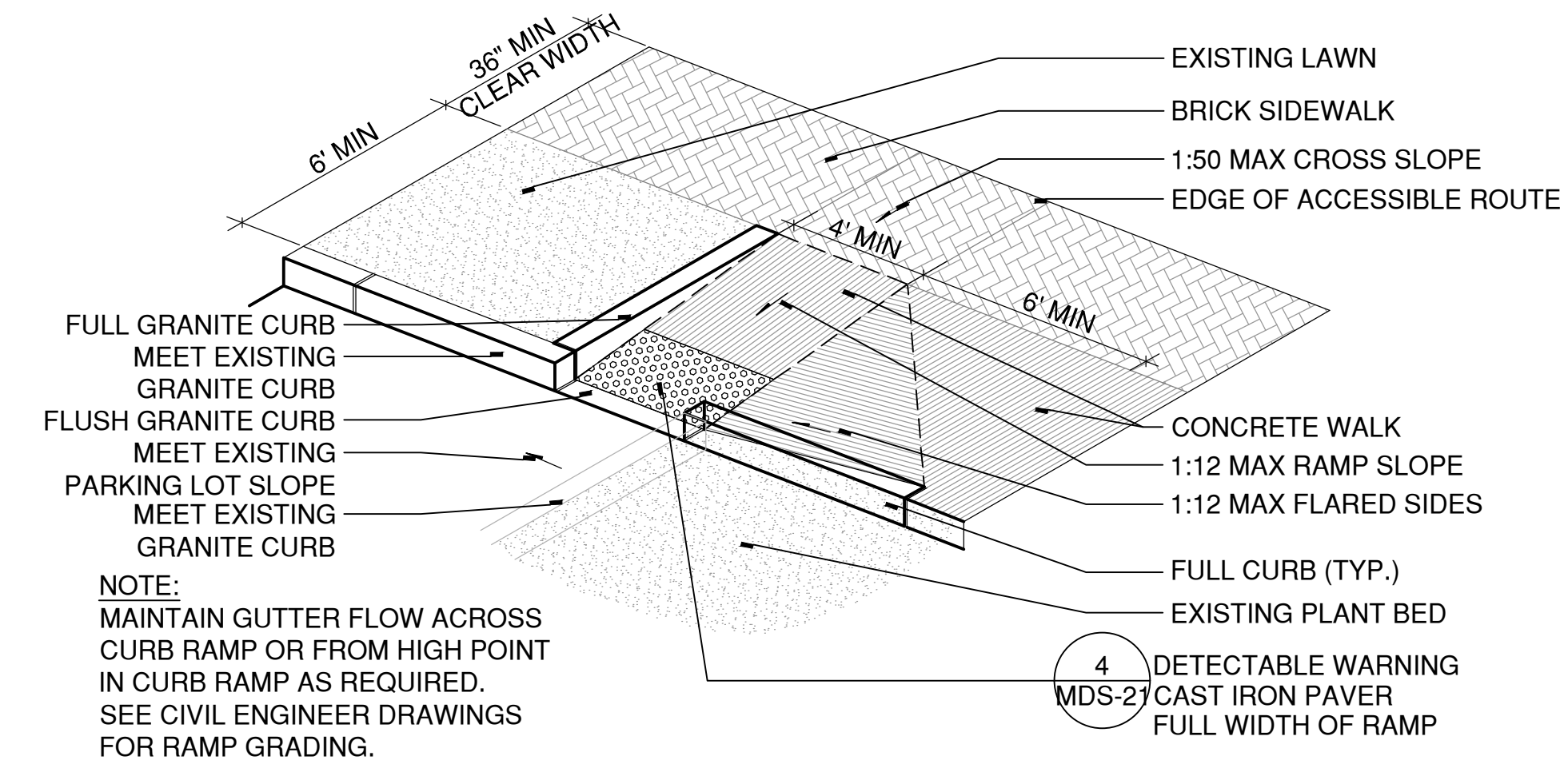


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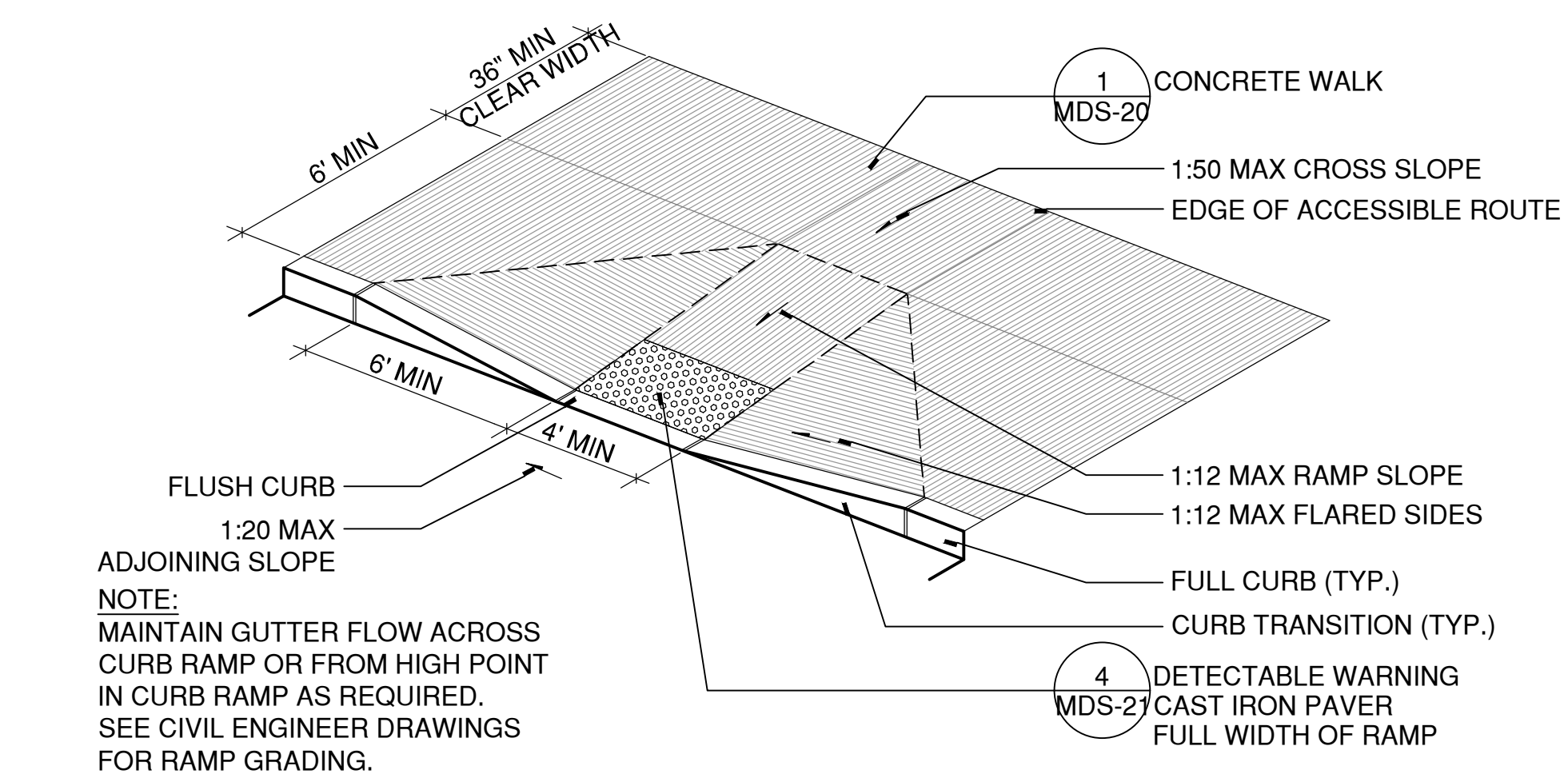
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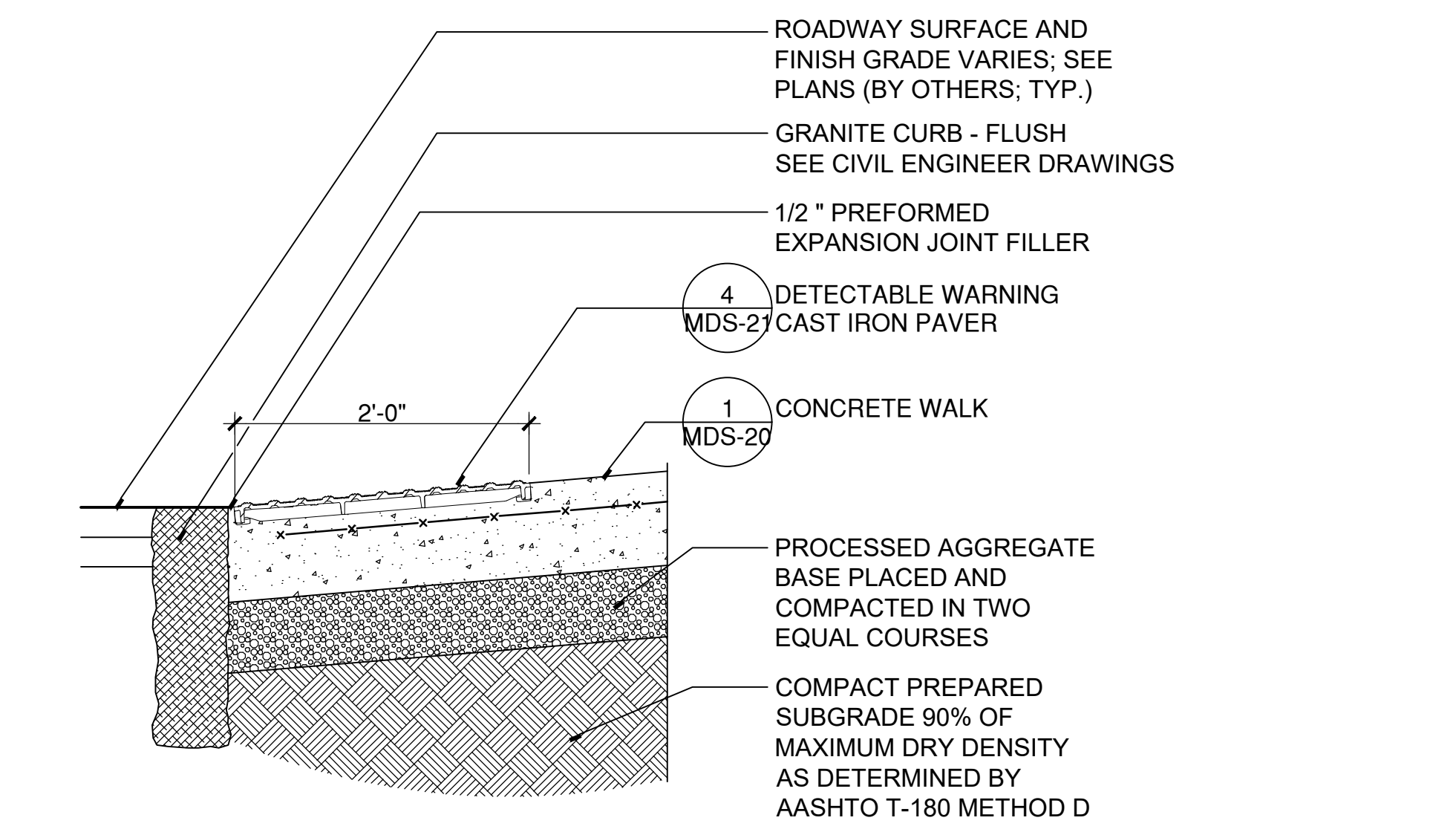
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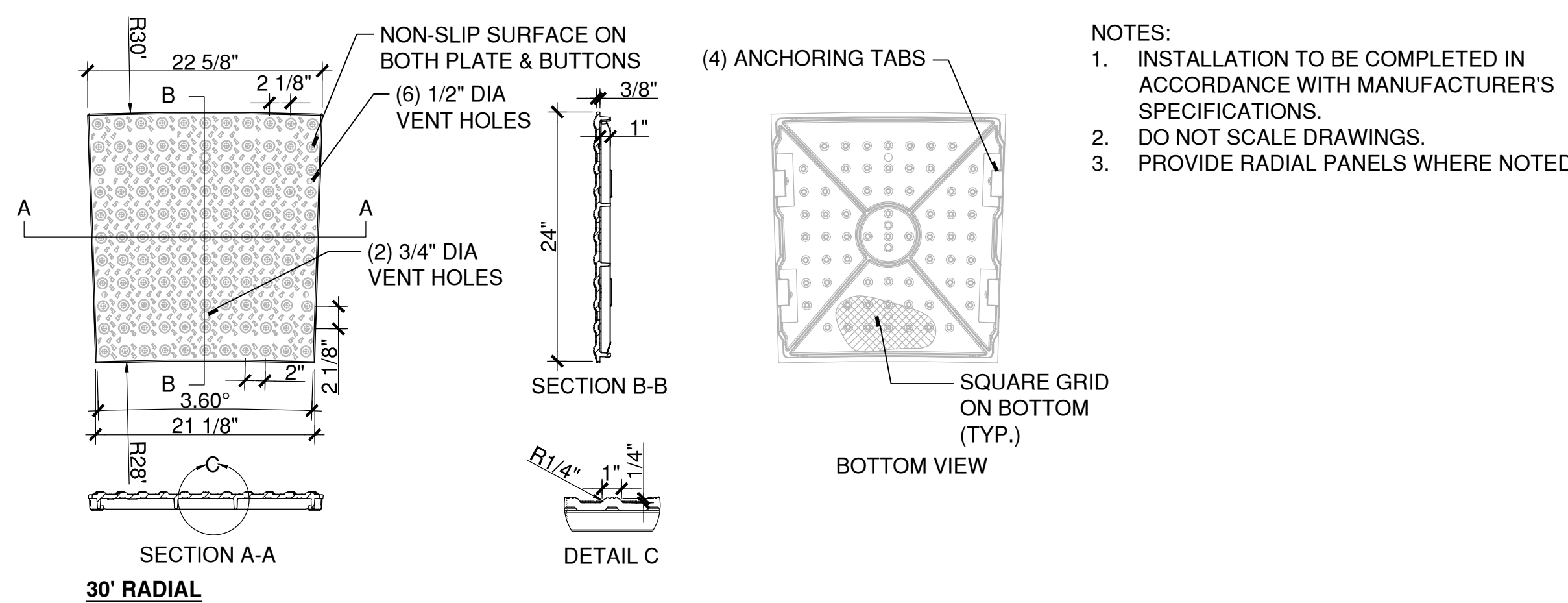
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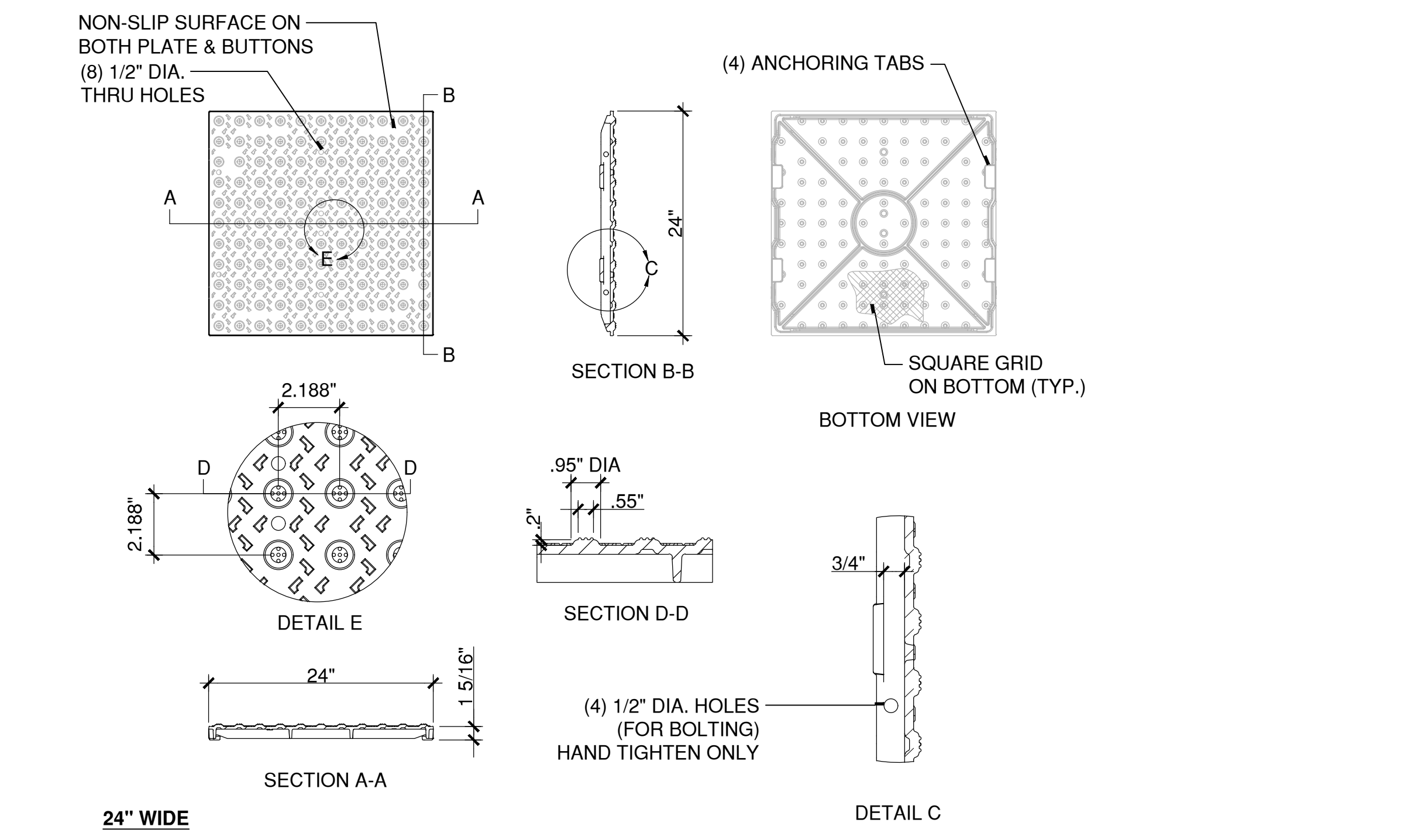
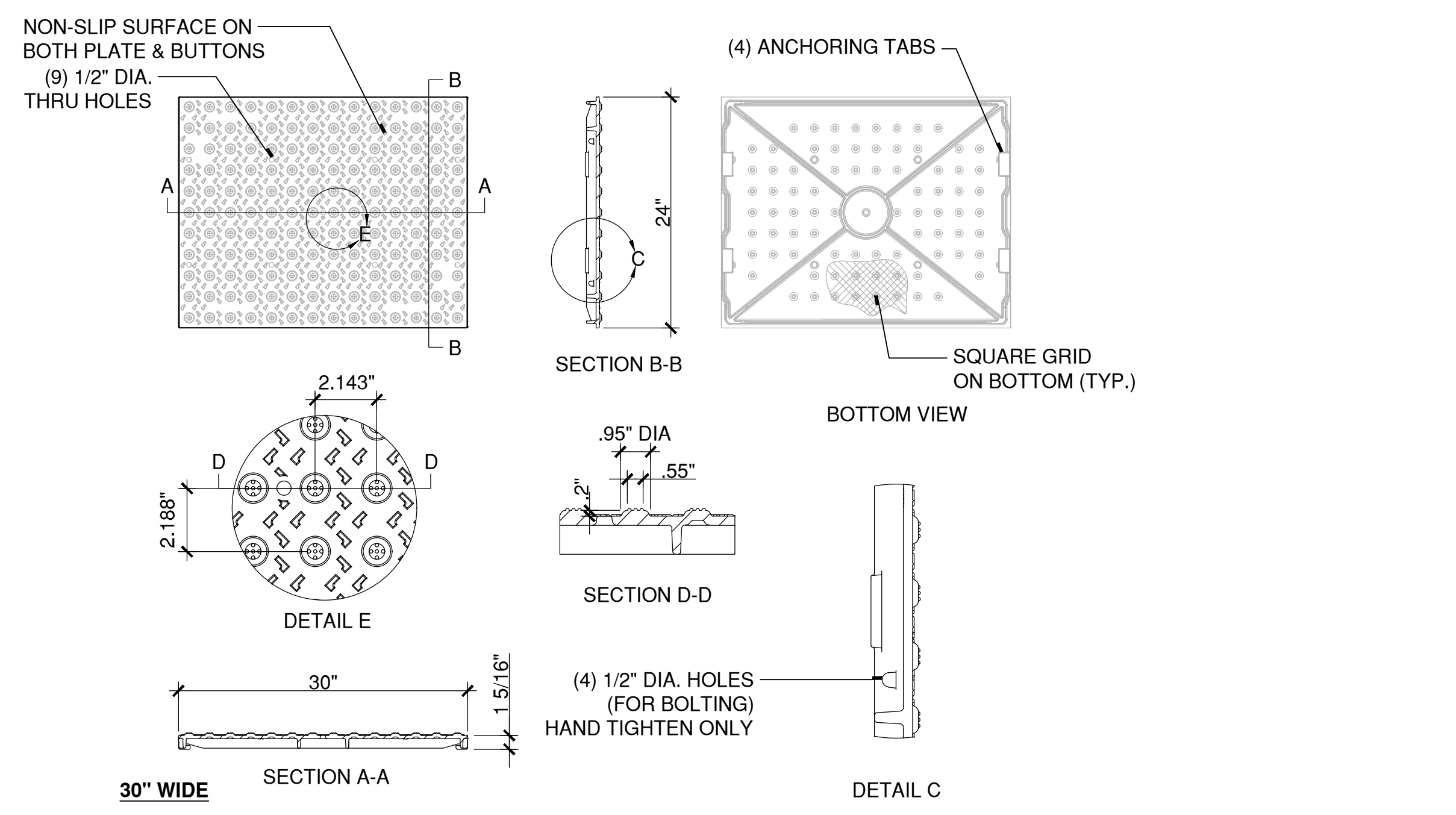
2 FLARED CONCRETE RAMP - TYPE 1
SCALE: N.T.S.
X:\CAD\STANDARD\DETAILS\018916-E.DWG



1 DETECTABLE WARNING CAST IRON PAVER AT CONCRETE CURB RAMP
SCALE: 1"=1'
X:\CAD\STANDARD\DETAILS\321726-B.DWG



- NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 2. DO NOT SCALE DRAWINGS.
 3. PROVIDE RADIAL PANELS WHERE NOTED.



4 DETECTABLE WARNING CAST IRON PAVER
SCALE: N.T.S.
W:\2022\2021\4\CONDOC\DETAILS\Detectable Warning Pavers.dwg

PLOTTED: 6/28/2023 5:38 PM BY: mchale, mchale
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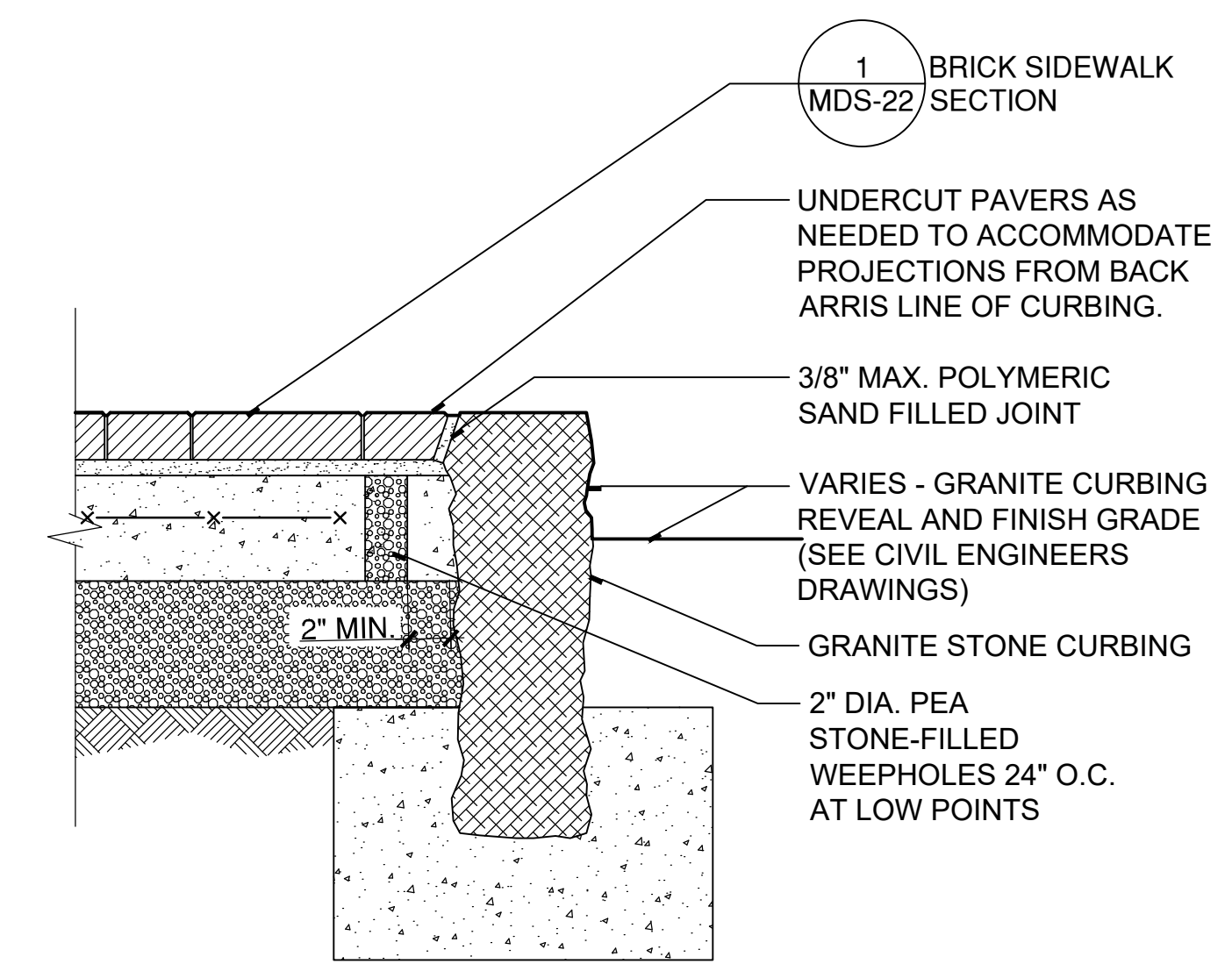
STREETSCAPE MISCELLANEOUS DETAILS
DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
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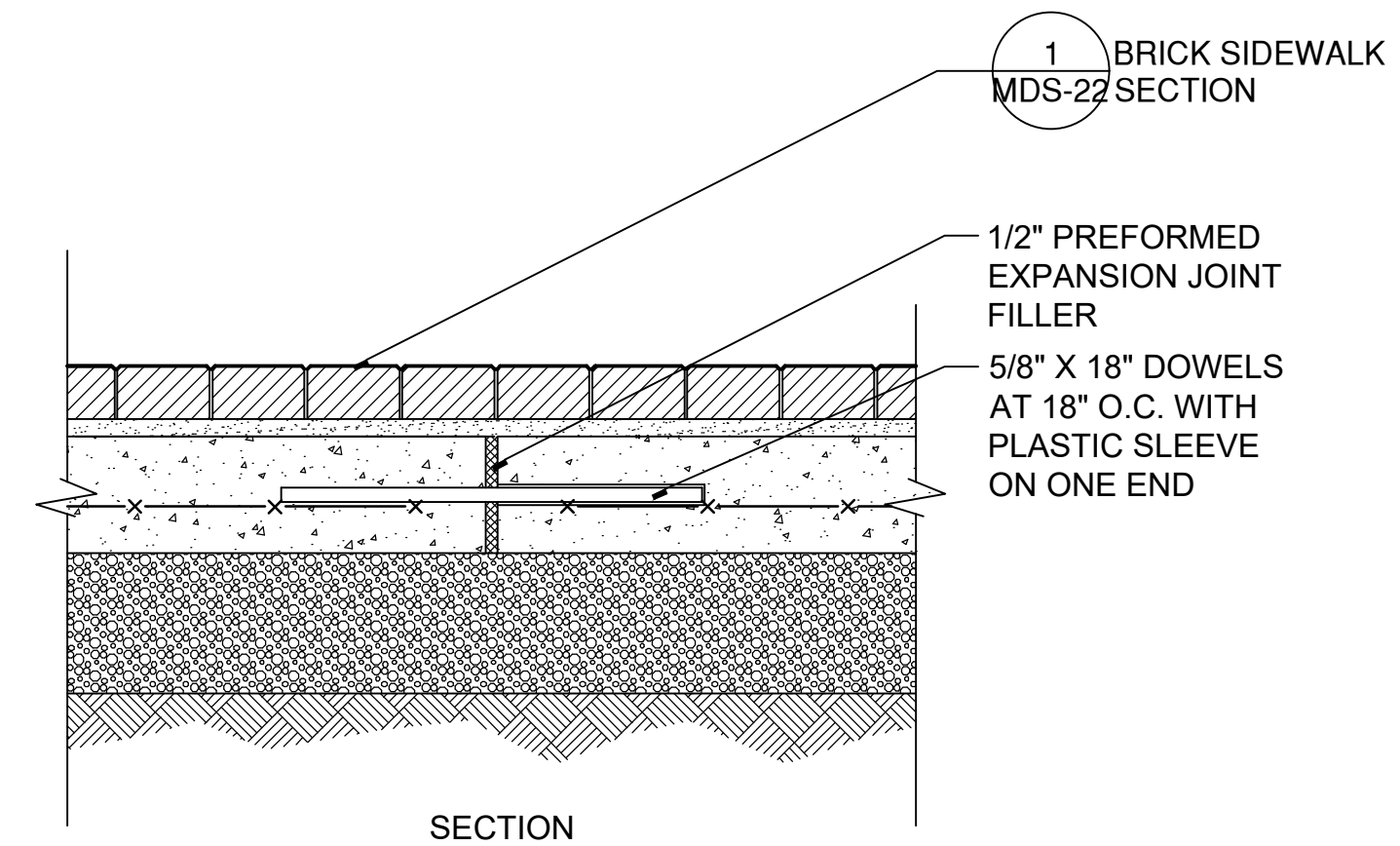
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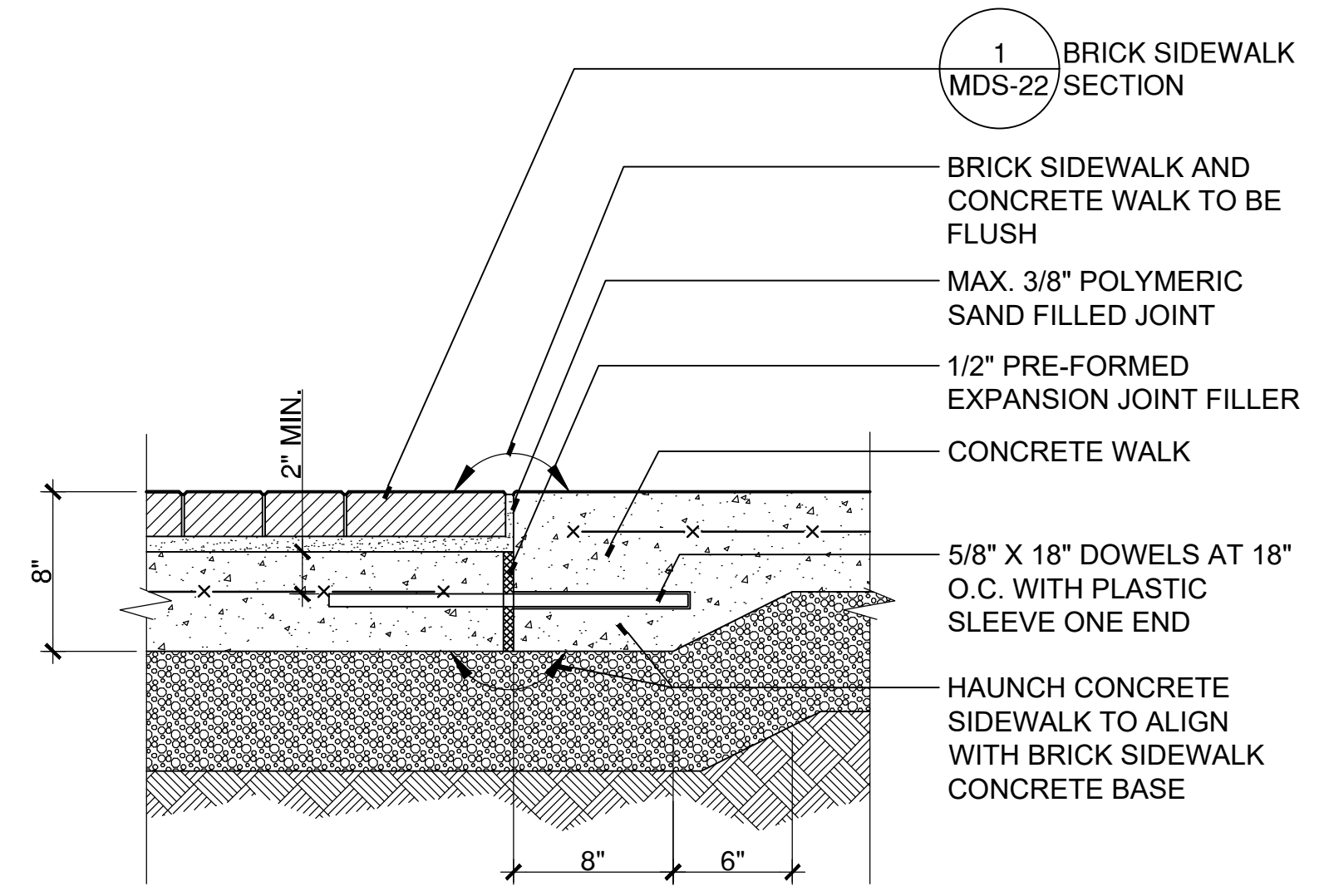


3 BRICK SIDEWALK AT CURBING
SCALE: 1 1/2"=1'
W:\2022\2021\4\CONDOCC\Details\Brick Paver Sidewalk at Granite Curb.dwg

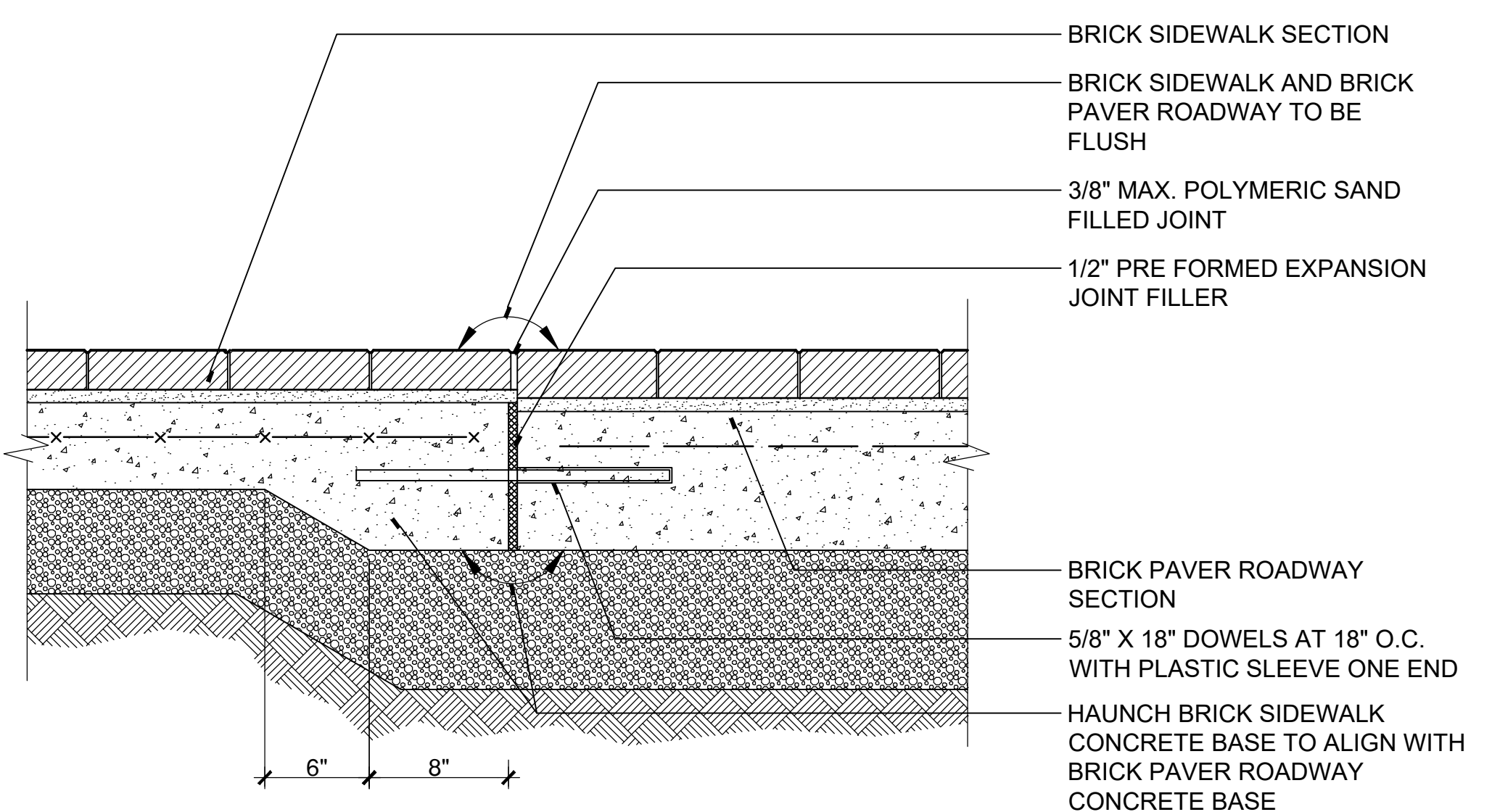


2 BRICK SIDEWALK EXPANSION JOINT
SCALE: 1 1/2"=1'
W:\2022\2021\4\CONDOCC\Details\BrickWalkExpJoint.dwg

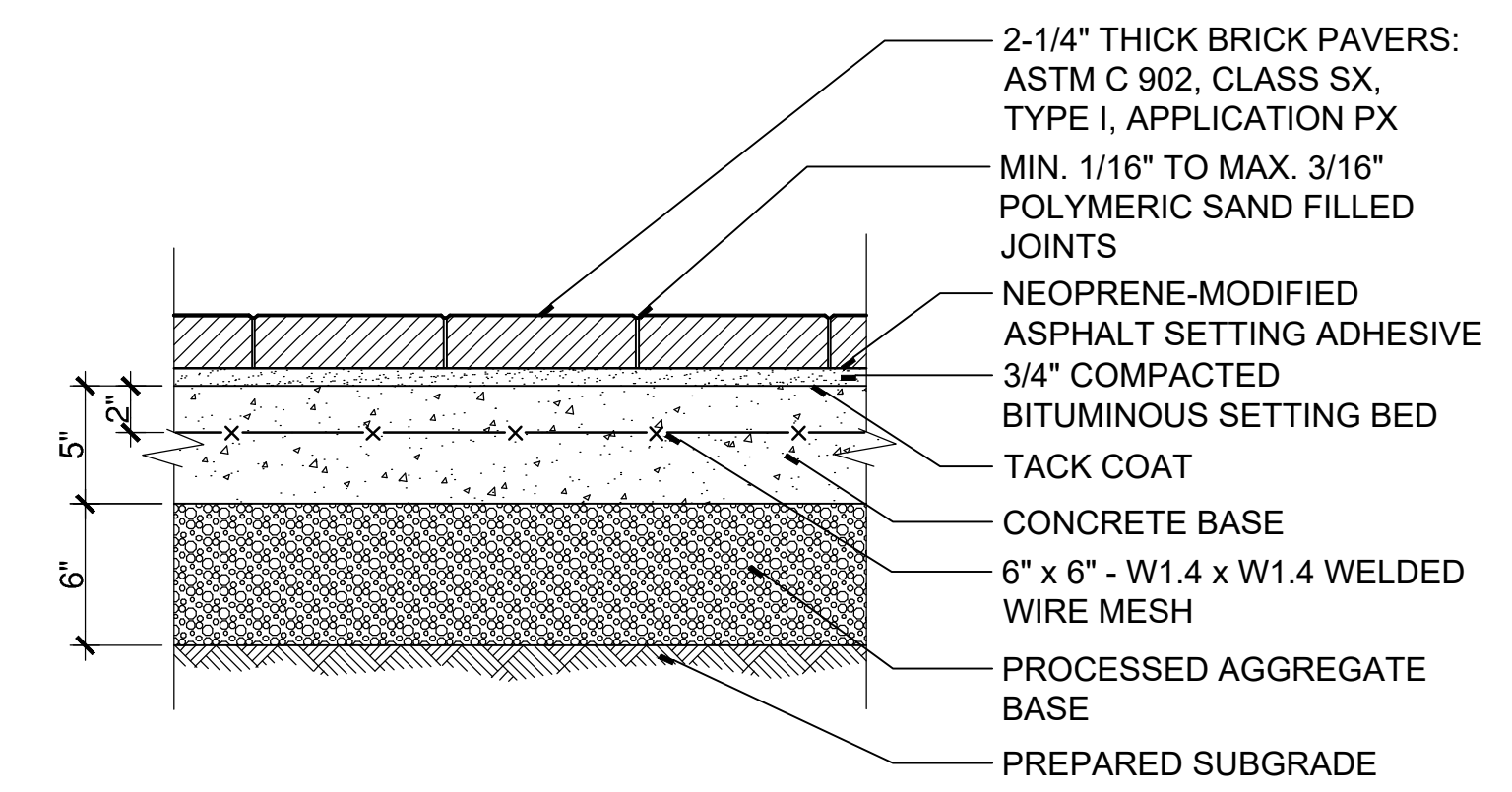
NOTE: PROVIDE EXPANSION JOINTS 20' MAX. SPACING



5 BRICK SIDEWALK AT CONCRETE WALK
SCALE: 1 1/2"=1'
W:\2022\2021\4\CONDOCC\Details\Brick Paver Sidewalk at Concrete Walk.dwg



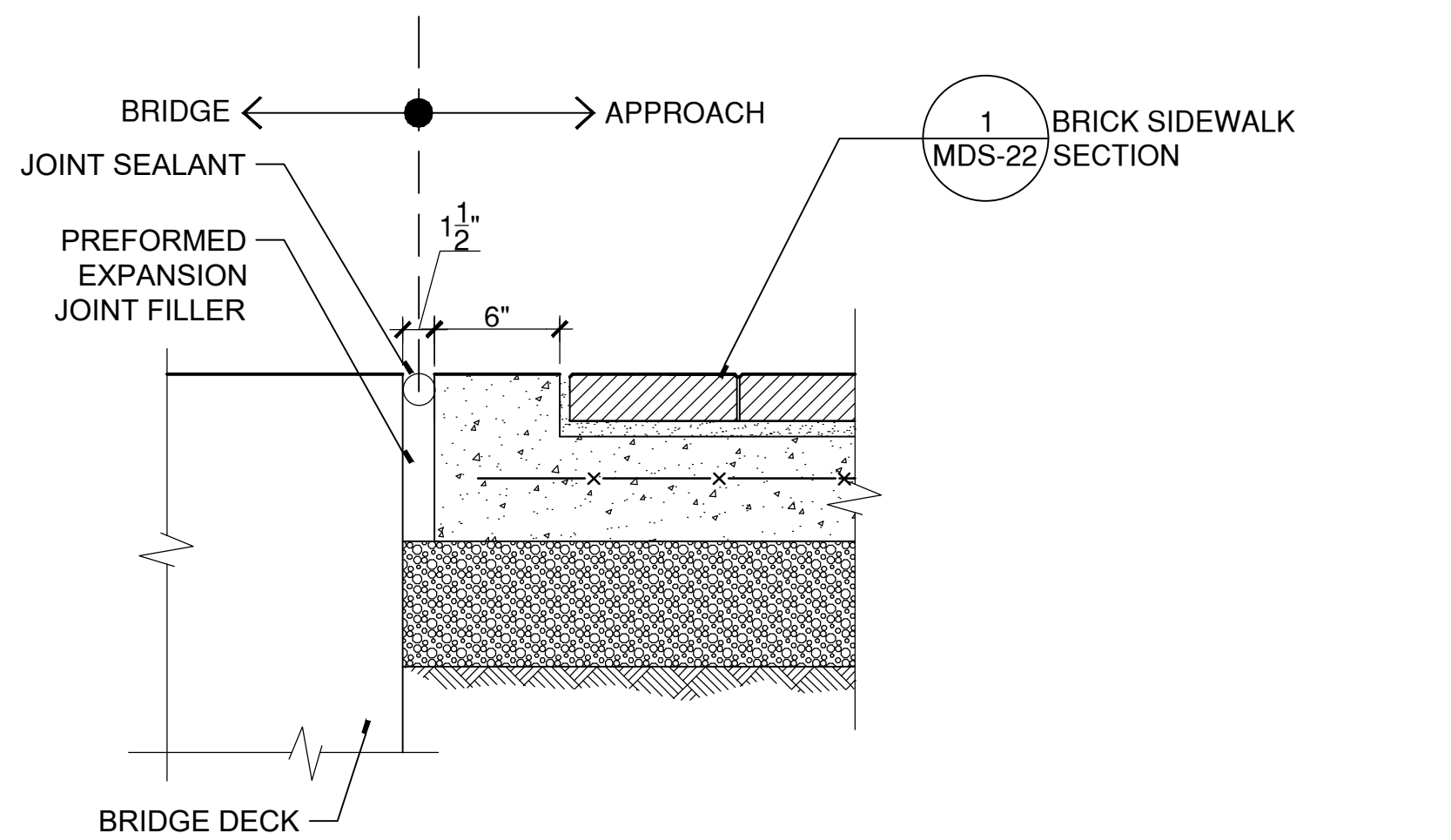
4 BRICK SIDEWALK AT BRICK PAVER ROADWAY
SCALE: 1 1/2"=1'
W:\2022\2021\4\CONDOCC\Details\Brick Sidewalk at Brick Paver Roadway.dwg



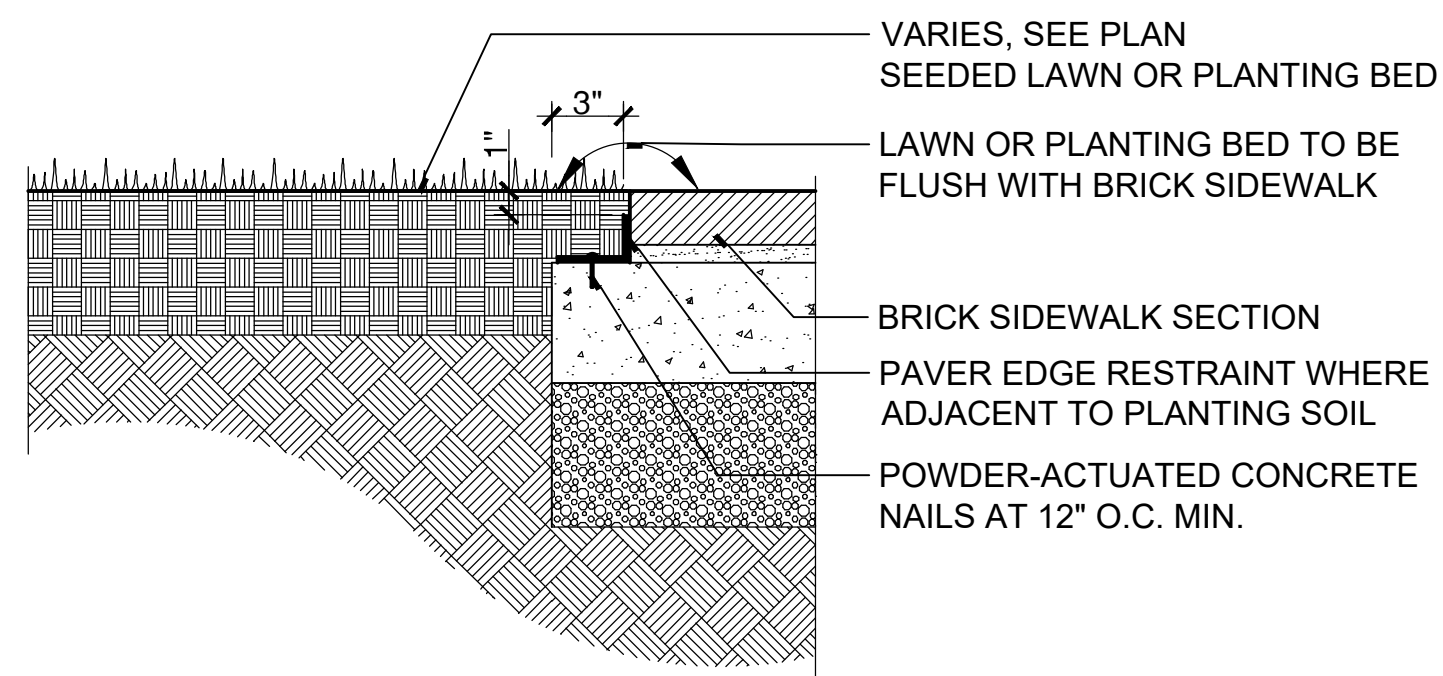
1 BRICK SIDEWALK SECTION
SCALE: 1 1/2"=1'
W:\2022\2021\4\CONDOCC\Details\Brick Paver Sidewalk Section.dwg

- NOTES:
- BRICK PAVER SHALL BE LIGHT-TRAFFIC PAVING BRICK; ASTM C 902, CLASS SX, TYPE I, APPLICATION PX.
 - THICKNESS: 2-1/4 INCHES. FACE SIZE: 4 X 8 INCHES AS INDICATED

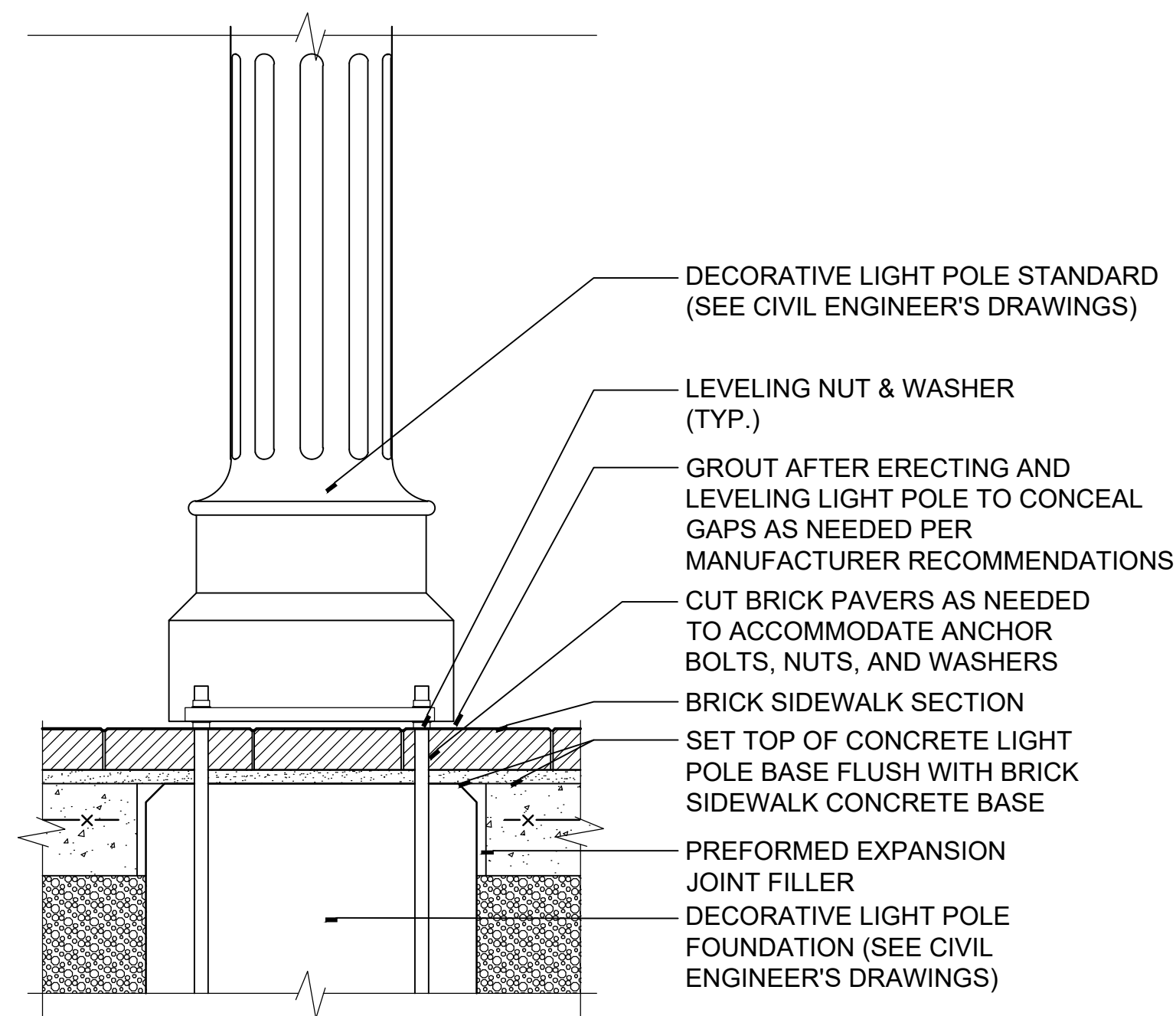
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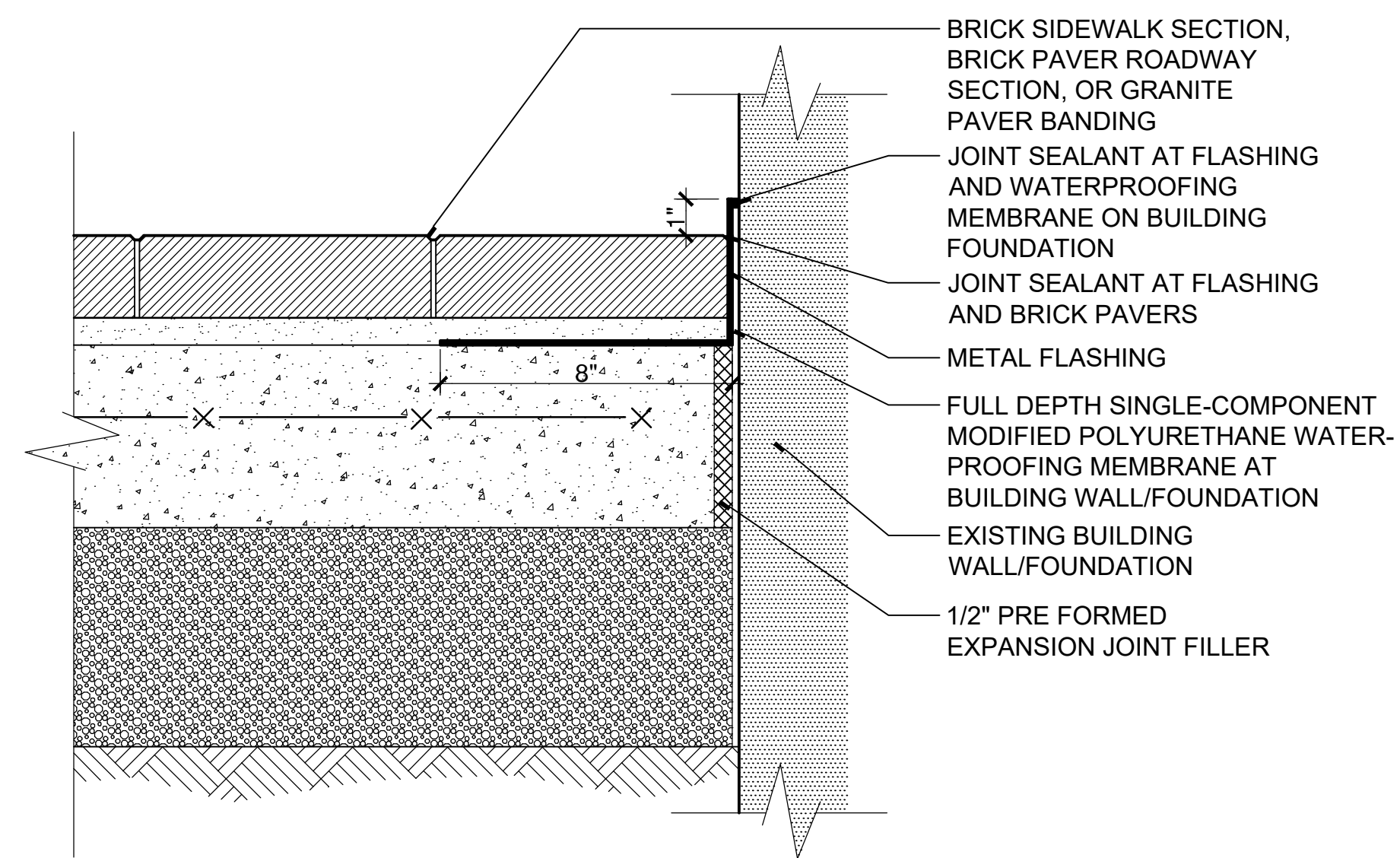
6 BRICK SIDEWALK AT BRIDGE DECK
SCALE: 1 1/2"=1'
W:\2022\2021\4CONDOCC\Details\brick sidewalk joint bridge.dwg



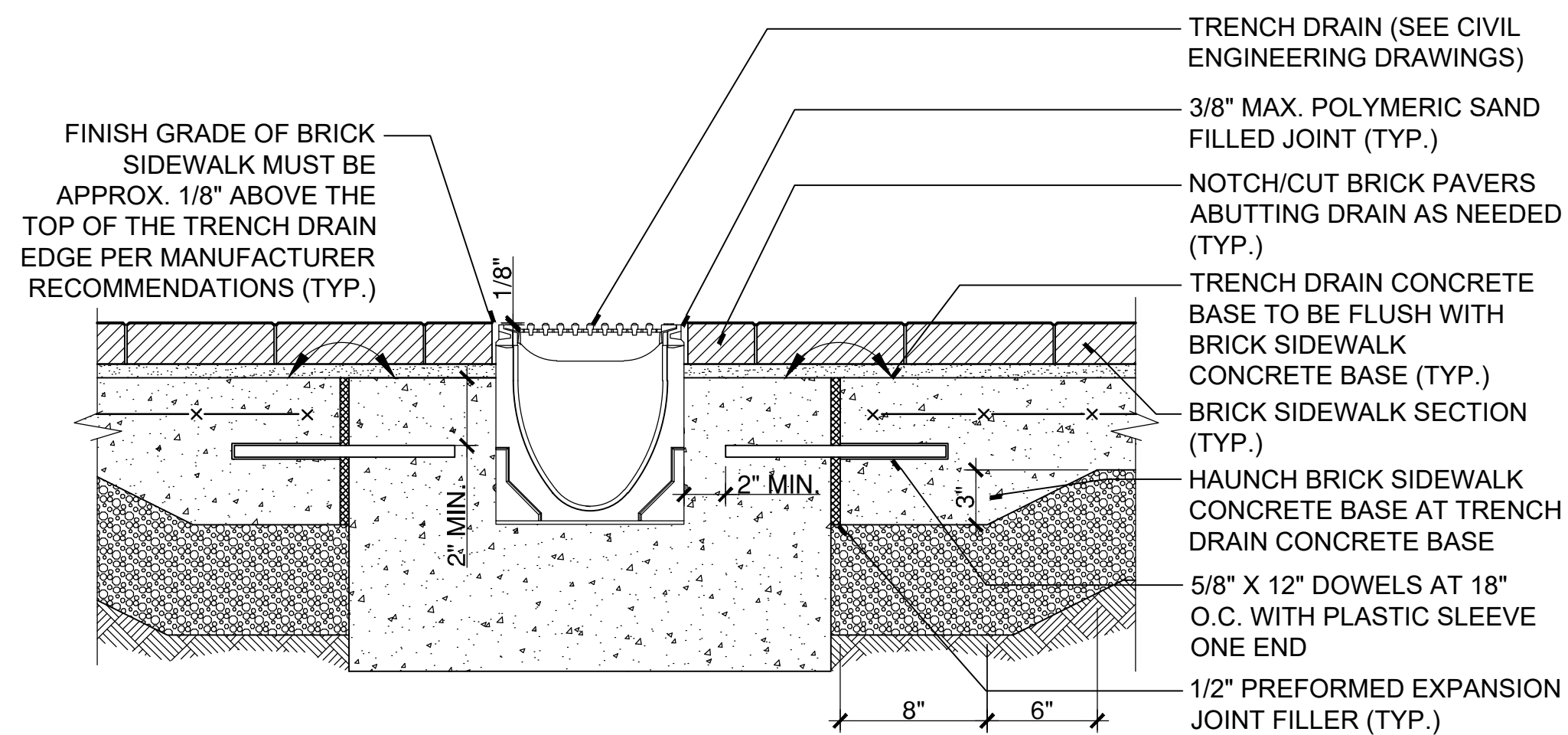
5 BRICK SIDEWALK AT LAWN OR PLANTING BED
SCALE: 1 1/2"=1'
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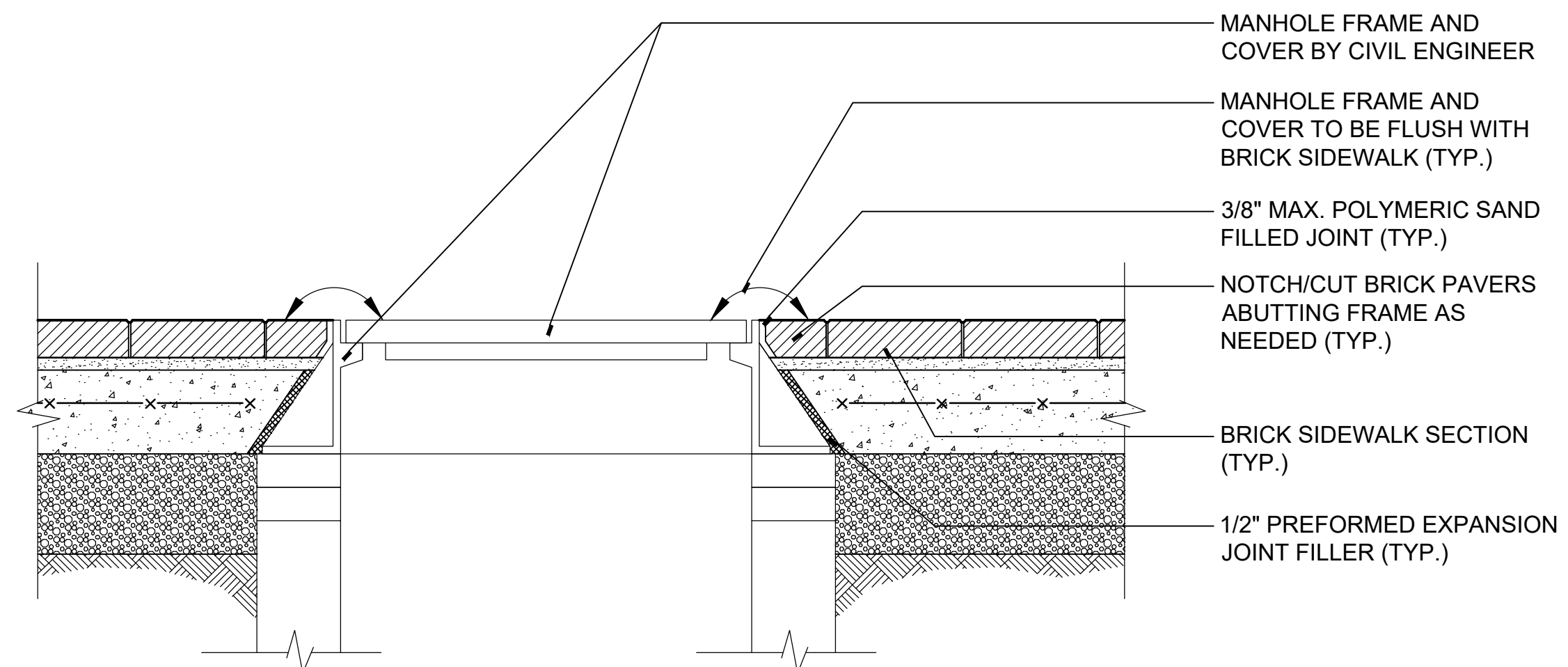
4 BRICK SIDEWALK AT DECORATIVE LIGHT POLE BASE SECTION
SCALE: 1 1/2"=1'
W:\2022\2021\4CONDOCC\Details\Brick Sidewalk at Light Pole Base.dwg



3 WATERPROOFING AT BUILDING WALL AND PAVEMENT INTERFACE
SCALE: 3"=1'
W:\2022\2021\4CONDOCC\Details\Waterproofing at Existing Building.dwg



2 BRICK SIDEWALK AT TRENCH DRAIN
SCALE: 1 1/2"=1'
W:\2022\2021\4CONDOCC\Details\Brick Sidewalk at Trench Drain.dwg



1 BRICK SIDEWALK AT MANHOLE FRAME AND COVER
SCALE: 1 1/2"=1'
W:\2022\2021\4CONDOCC\Details\Brick Sidewalk at Manhole Cover.dwg



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DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



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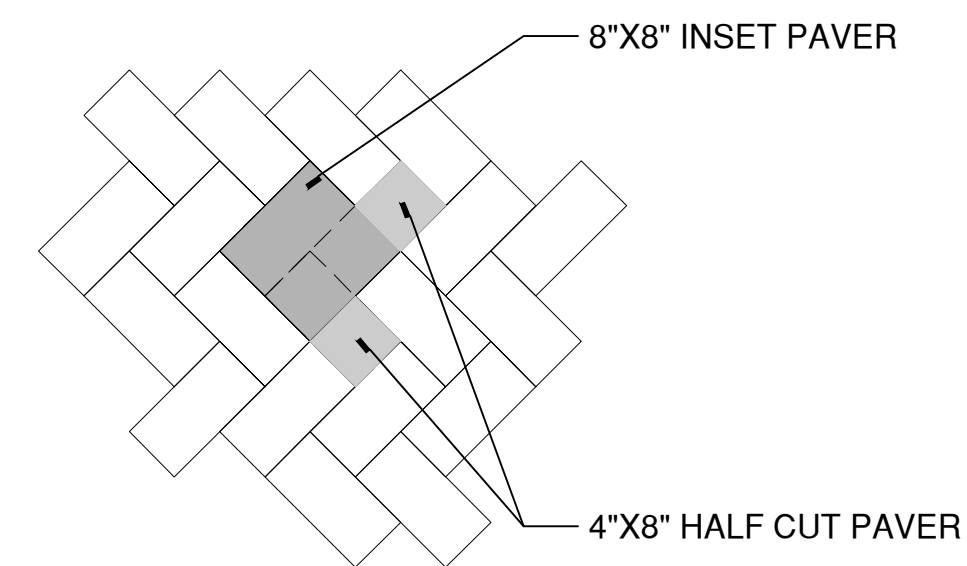
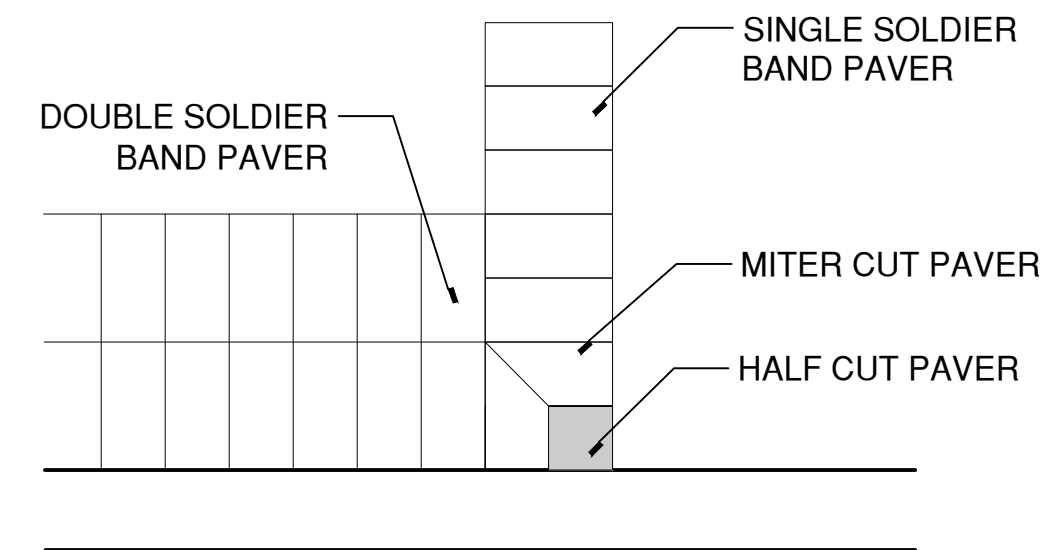
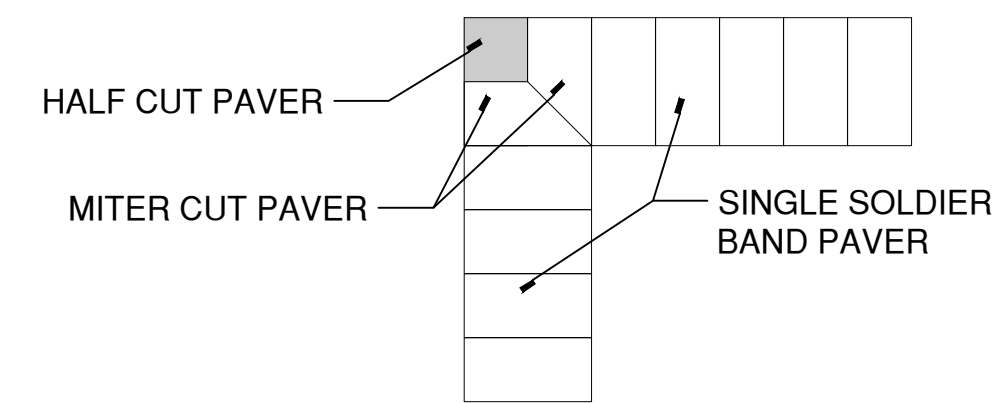


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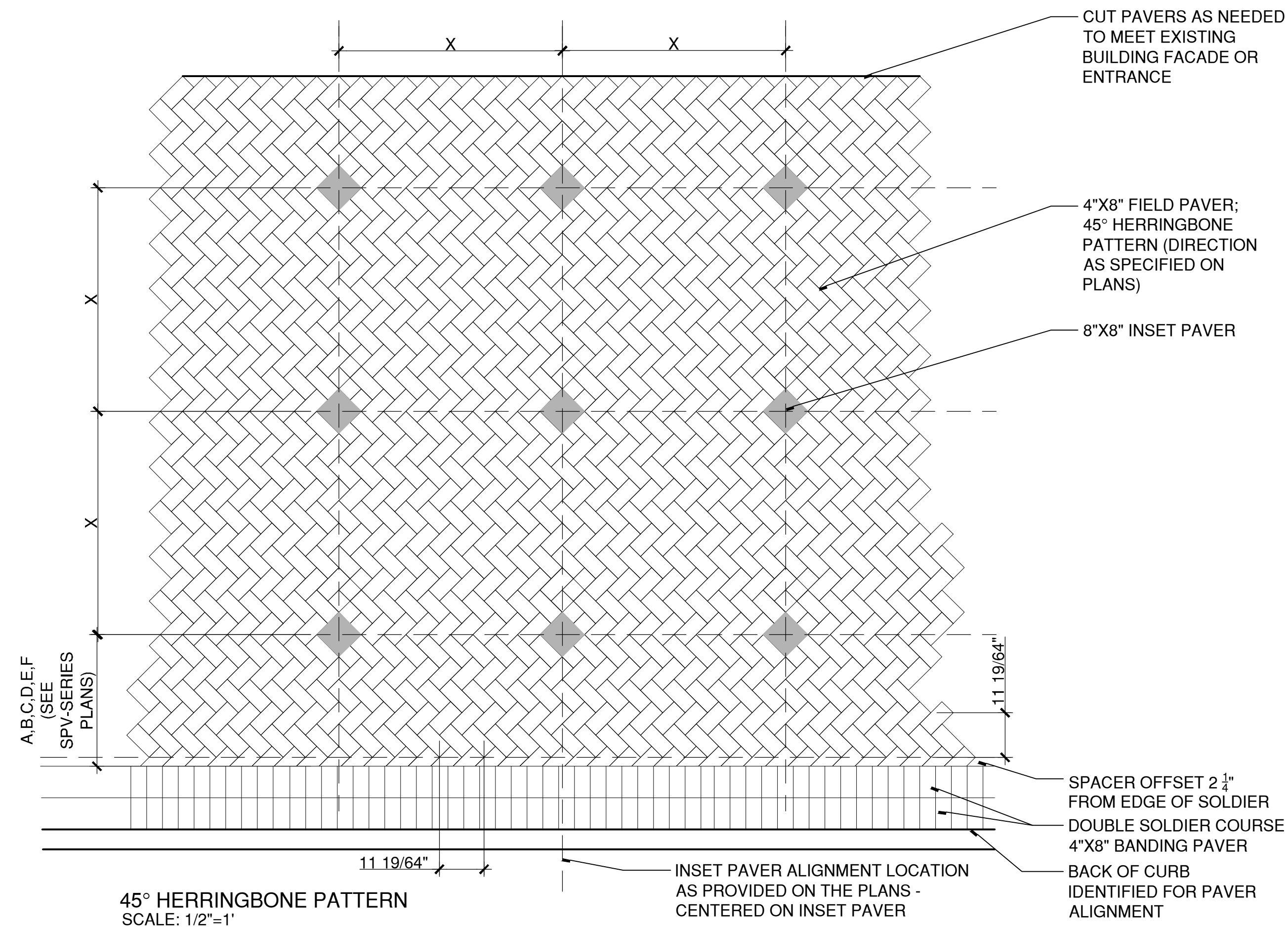
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INSET PAVER - CUT PATTERN
SCALE: 1"=1'

CORNER - CUT PATTERN
SCALE: 1"=1'



45° HERRINGBONE PATTERN
SCALE: 1/2"=1'

SUGGESTED PAVER LAYOUT PROCESS

1. SET DOUBLE SOLDIER COURSE AT BACK OF CURB.
2. TEMPORARILY SET A PAVER ON ITS SIDE EDGE TO CREATE A SPACER OFFSET OF 2 1/4" FROM THE BACK OF THE DOUBLE SOLDIER COURSE.
3. ALIGN 45° HERRINGBONE PATTERN WITH CORNERS TOUCHING THE SPACER OFFSET, BASED ON THE LOCATION PROVIDED FOR THE INSET PAVER ALIGNMENT, AND THE "FIRST INSET FROM BACK OF SOLDIER VALUE" PROVIDED IN THE TABLE BELOW.
4. CONTINUE THIS PATTERN UNTIL A NEW INSET PAVER LOCATION IS PROVIDED.

LAYOUT SPACING TABLE

DESCRIPTION	INCH-NOMINAL	INCH-FRACTION	INCH-DECIMAL	FOOT-DECIMAL
CURB WIDTH	5			0.4166
SOLDIER COURSE	8			0.6660
SPACER @ BACK OF SOLDIER COURSE	2 1/4	2 1/4	2.2500	0.1875
FULL CHEVRON SPACING	11 1/4	11 19/64	11.3126	0.9427
HALF CHEVRON SPACING	5 5/8	5 21/32	5.6563	0.4715
FIRST INSET FROM BACK OF SOLDIER VALUE "A"	22	22 1/32	22.0313	1.8346
FIRST INSET FROM BACK OF SOLDIER VALUE "B"	33 3/8	33 21/64	33.3281	2.7773
FIRST INSET FROM BACK OF SOLDIER VALUE "C"	44 5/8	44 41/64	44.6406	3.7200
FIRST INSET FROM BACK OF SOLDIER VALUE "D"	56	55 15/16	55.9375	4.6627
FIRST INSET FROM BACK OF SOLDIER VALUE "E"	67 1/4	67 15/64	67.2344	5.6054
FIRST INSET FROM BACK OF SOLDIER VALUE "F"	78 1/2	78 35/64	78.5469	6.5481
SUBSEQUENT DIAMOND INSET VALUE "X"	56 1/2	56 33/64	56.5156	4.7096

NOTE: INSET PAVER SHALL NOT BE PLACED ALONG THE PAVER BANDING IF LESS THAN 50% OF THE INSET PAVER REMAINS AFTER CUTTING THE PAVER TO FIT IN THE HERRINGBONE FIELD PATTERN.

1 PAVER WORKING LAYOUT DETAIL
SCALE: VARIES

LANDSCAPE ARCHITECT

Richter & Cegan Inc.

88 CANAL COURT P.O. BOX 567
AVON, CT 06001
PHONE: 860-678-0669
CONTACT NAME: Gary Guimond
EMAIL: gguimond@richtercegan.com



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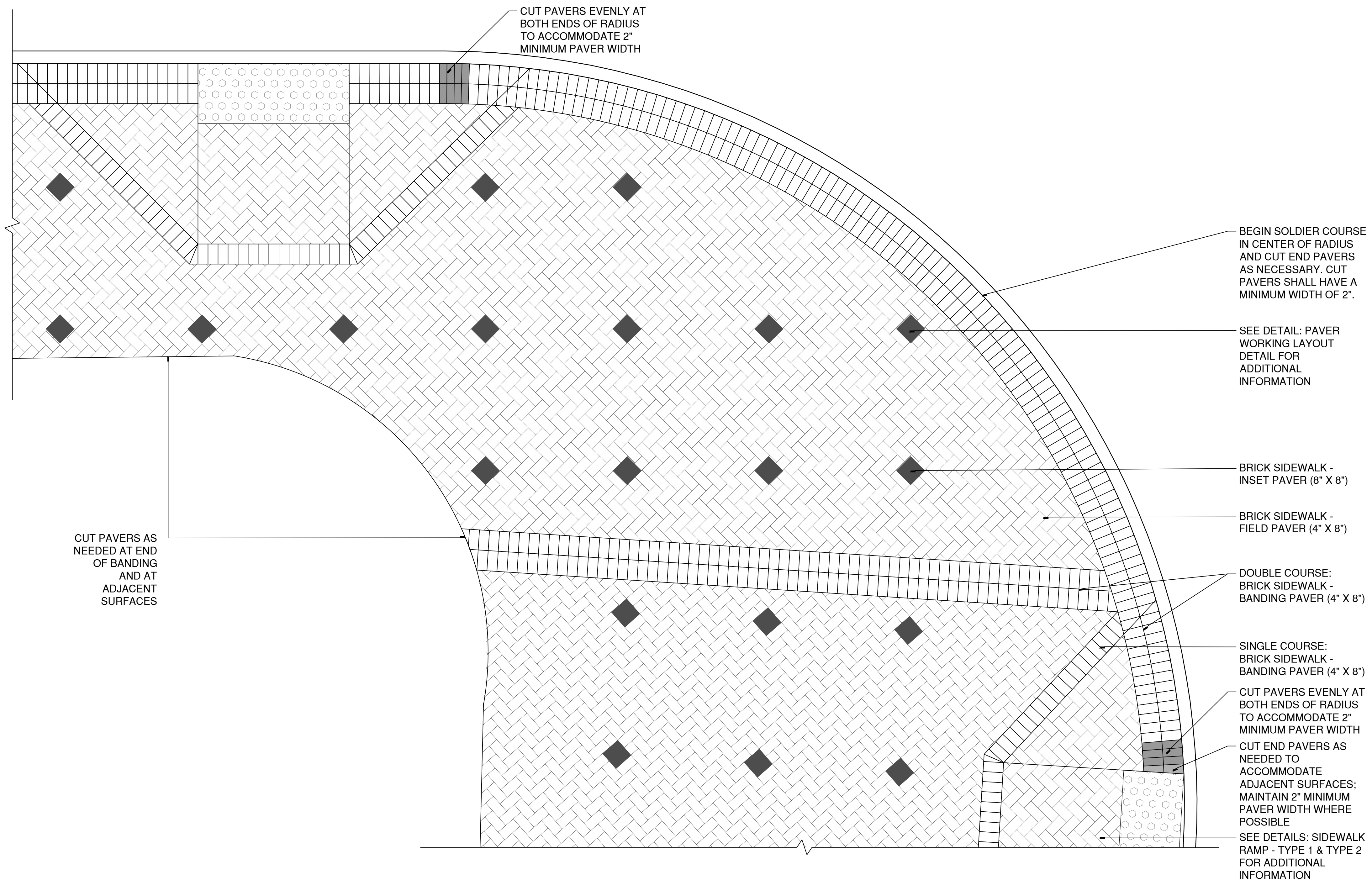


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CUT PAVERS AS NEEDED AT END OF BANDING AND AT ADJACENT SURFACES

CUT PAVERS EVENLY AT BOTH ENDS OF RADIUS TO ACCOMMODATE 2" MINIMUM PAVER WIDTH

BEGIN SOLDIER COURSE IN CENTER OF RADIUS AND CUT END PAVERS AS NECESSARY. CUT PAVERS SHALL HAVE A MINIMUM WIDTH OF 2".

SEE DETAIL: PAVER WORKING LAYOUT DETAIL FOR ADDITIONAL INFORMATION

BRICK SIDEWALK - INSET PAVER (8" X 8")

BRICK SIDEWALK - FIELD PAVER (4" X 8")

DOUBLE COURSE: BRICK SIDEWALK - BANDING PAVER (4" X 8")

SINGLE COURSE: BRICK SIDEWALK - BANDING PAVER (4" X 8")

CUT PAVERS EVENLY AT BOTH ENDS OF RADIUS TO ACCOMMODATE 2" MINIMUM PAVER WIDTH

CUT END PAVERS AS NEEDED TO ACCOMMODATE ADJACENT SURFACES; MAINTAIN 2" MINIMUM PAVER WIDTH WHERE POSSIBLE

SEE DETAILS: SIDEWALK RAMP - TYPE 1 & TYPE 2 FOR ADDITIONAL INFORMATION

1 PAVER LAYOUT ON A RADIUS (TYPICAL)

SCALE: 1/2"=1'



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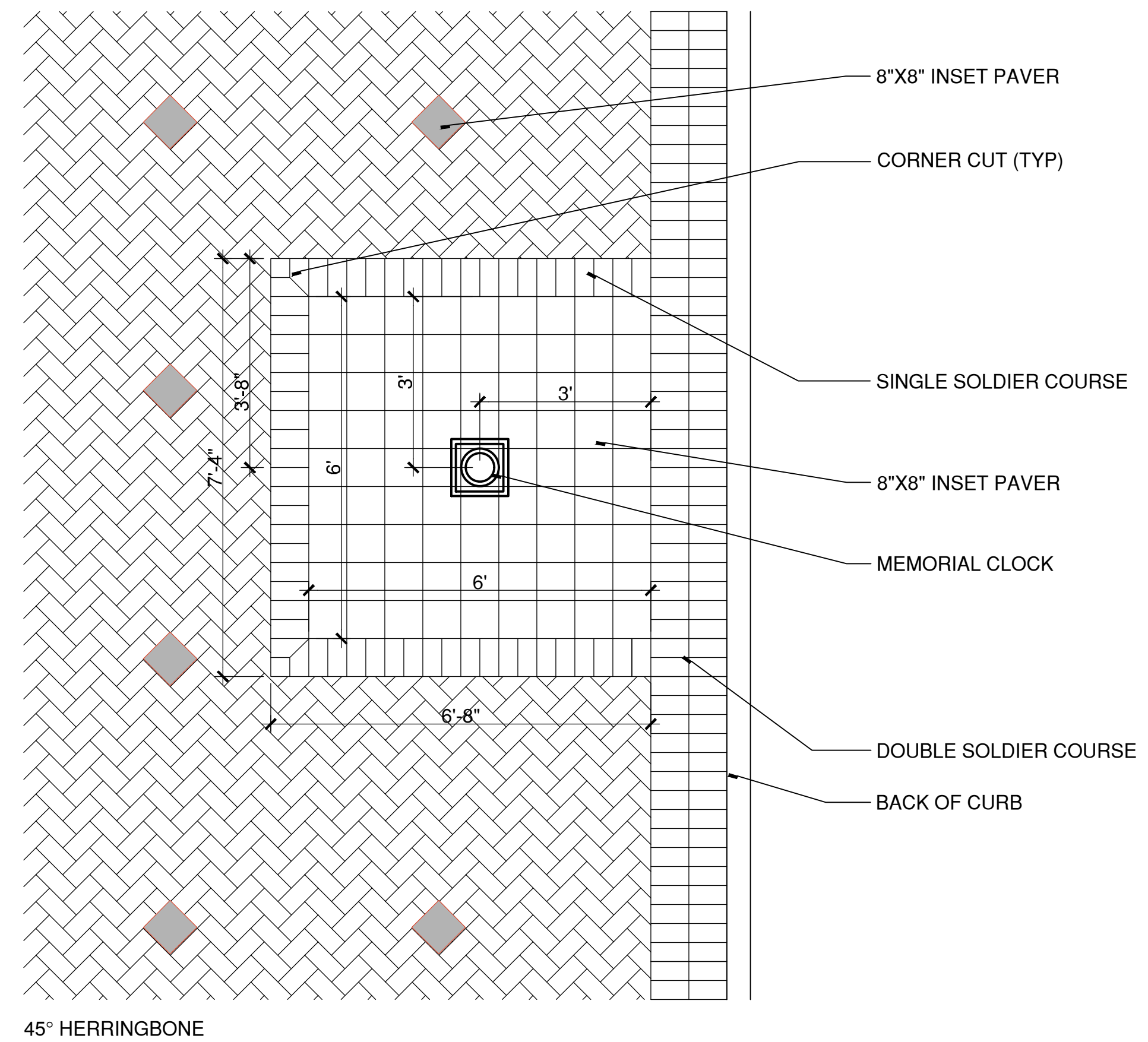
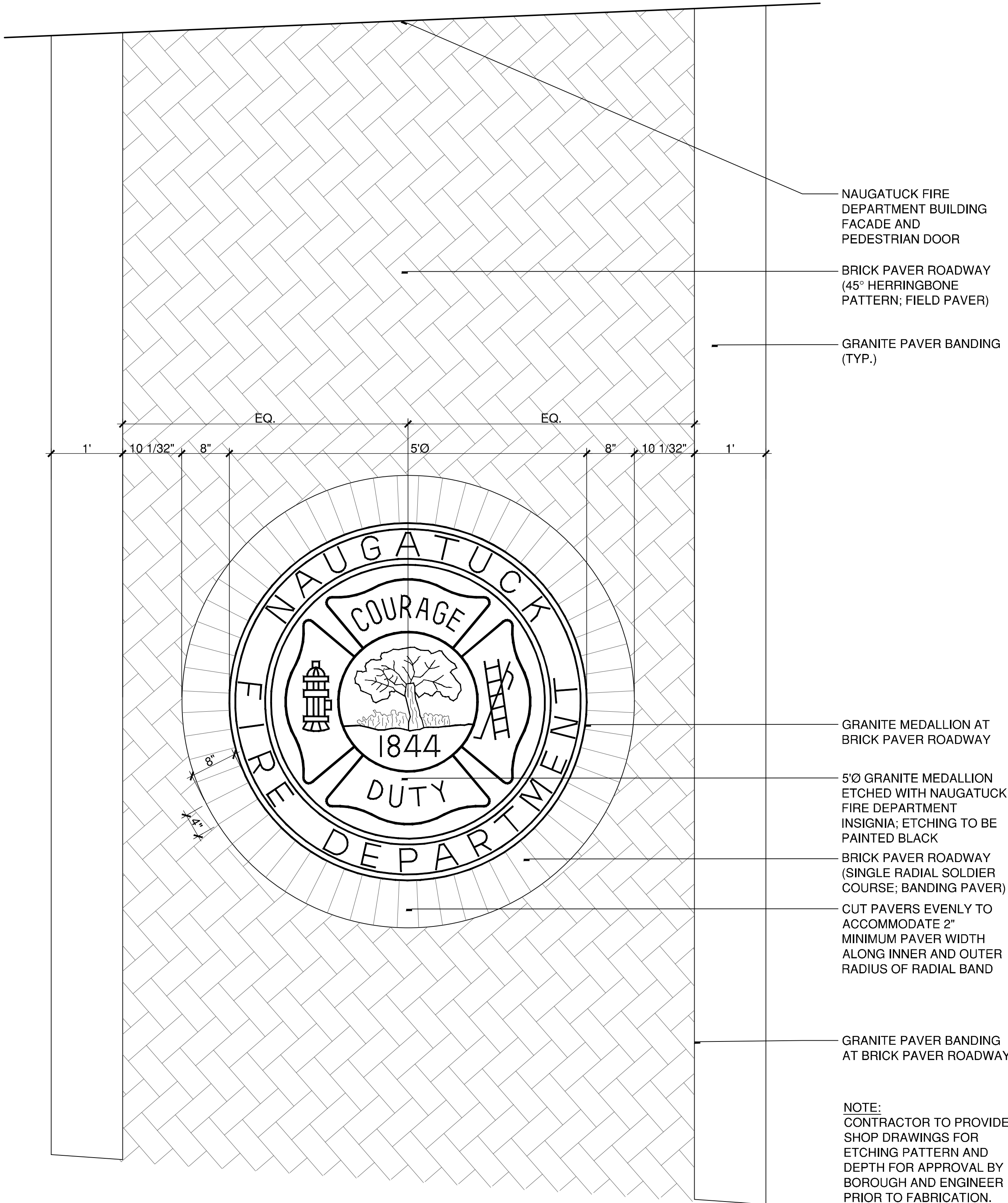


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MDS-26



2 NAUGATUCK FIRE DEPARTMENT SPECIAL TREATMENT AREA
SCALE: 1"=1'
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1 BRICK PAVER ACCENT @ MEMORIAL CLOCK
SCALE: 1/2"=1'
W:\2022\21\4CONDOC\DETAILS\PAVER - SPECIAL AT CLOCK.DWG



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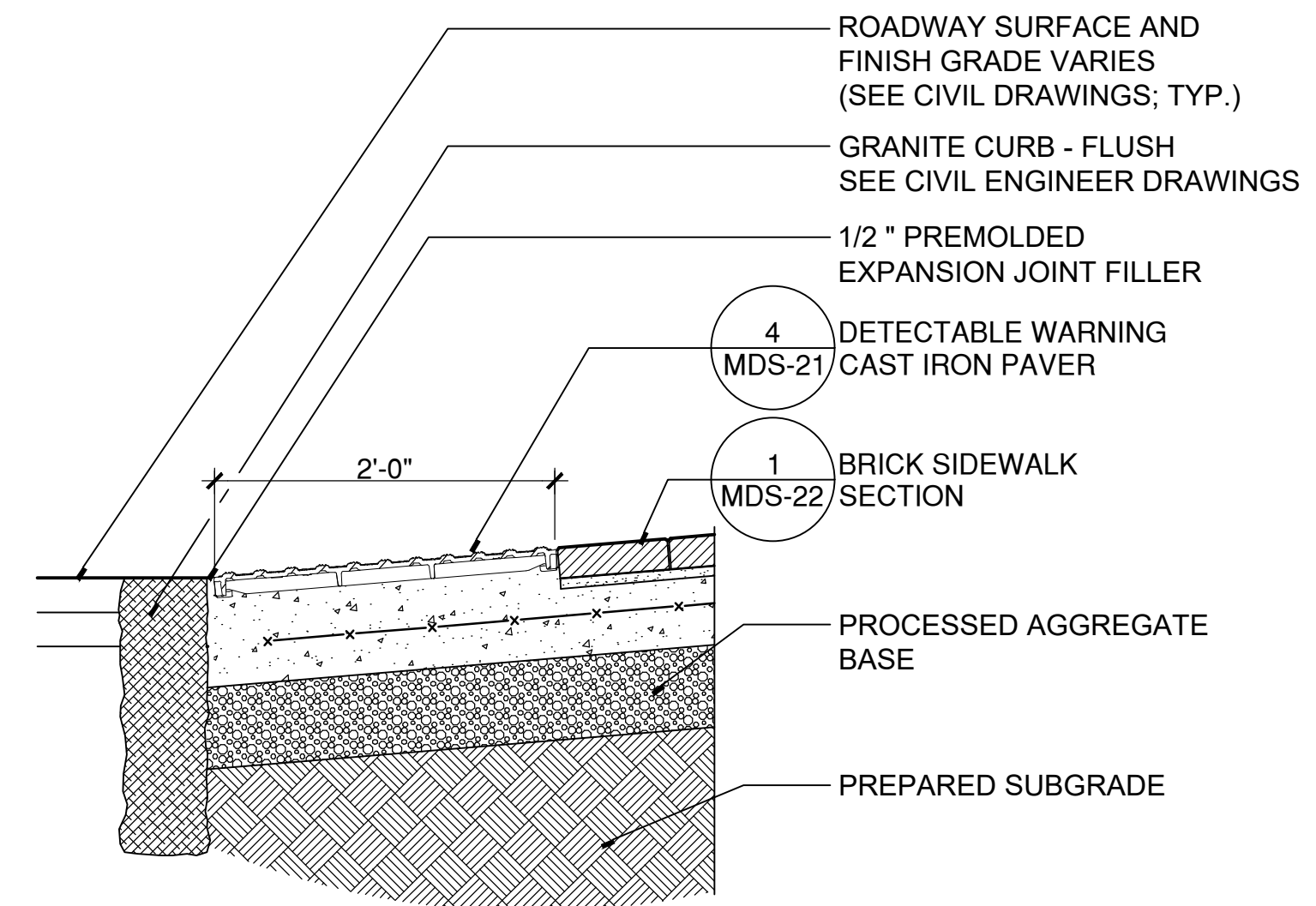


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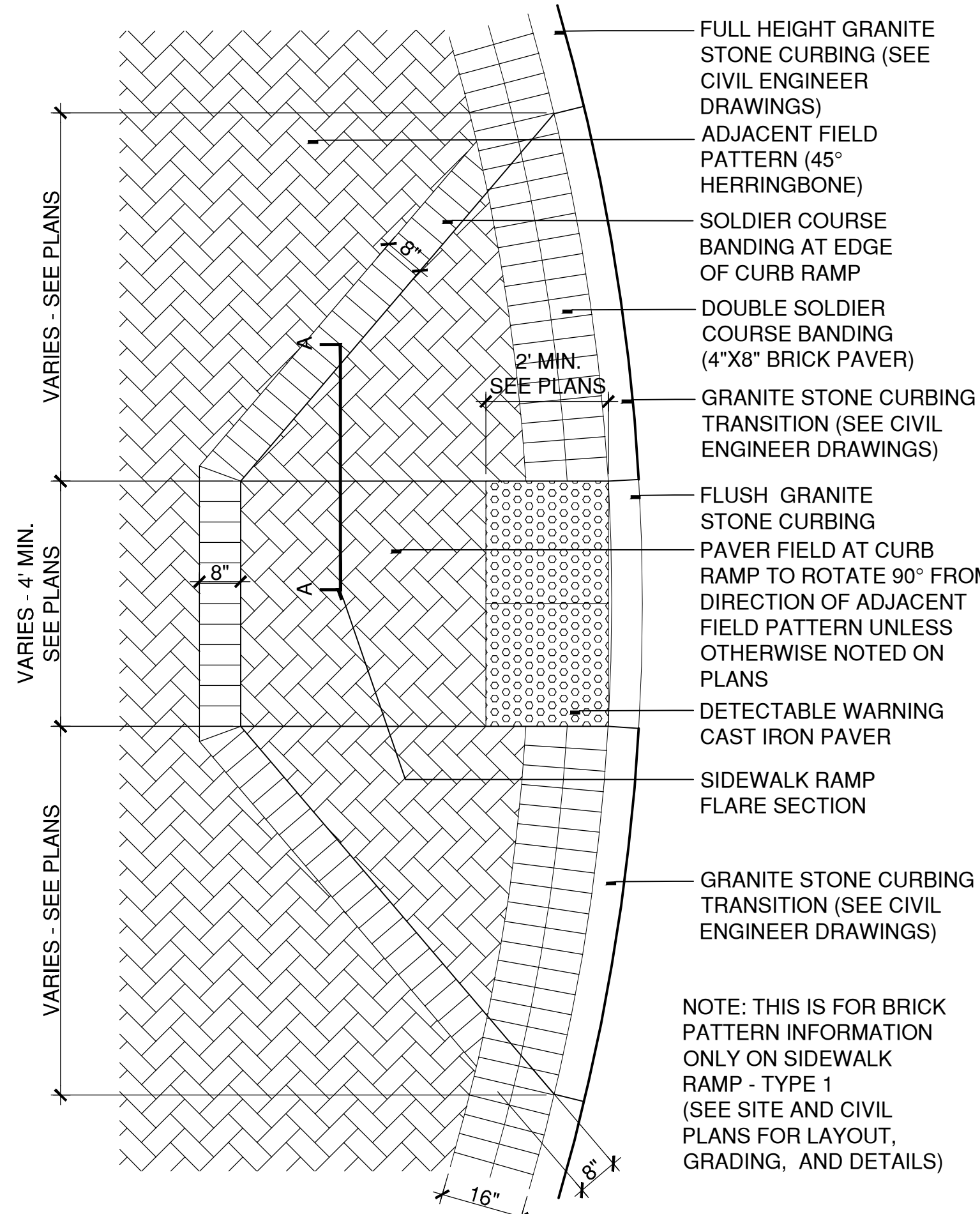
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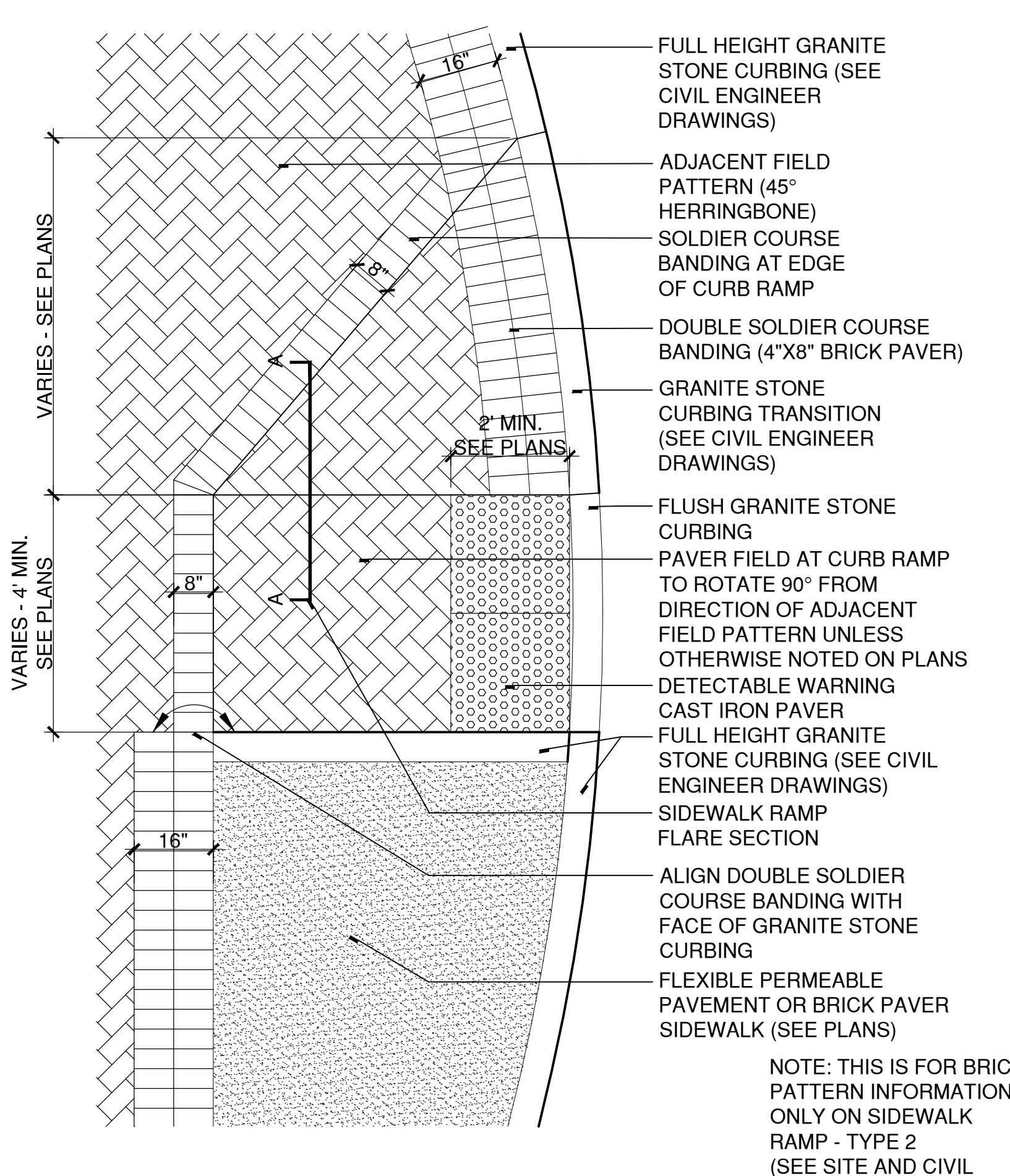
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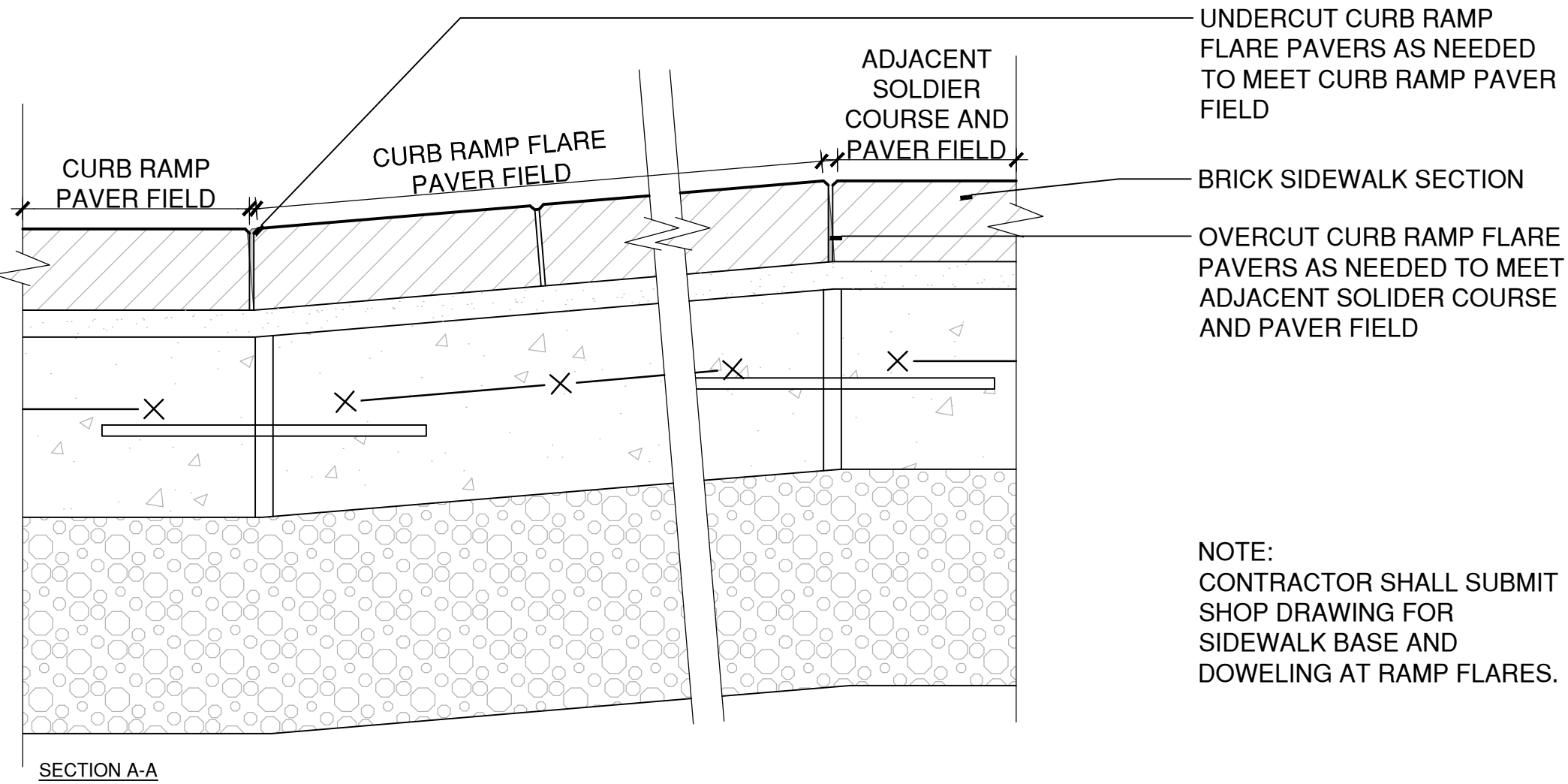
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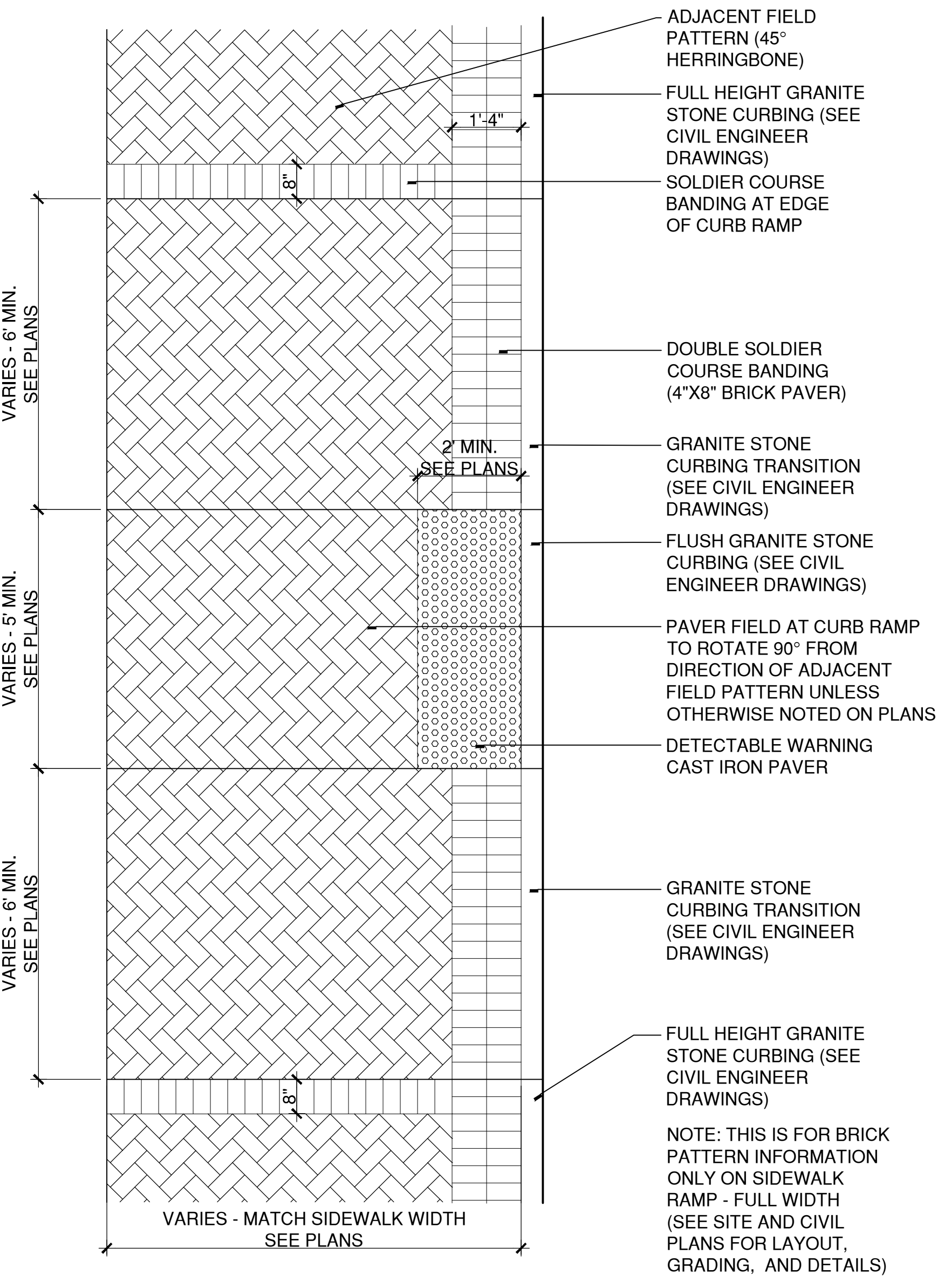


3 SIDEWALK RAMP - TYPE 2
SCALE: 1/2"=1' W:\20220214\CONDOC\DETAILS\CURB RAMP-TYPE2.DWG



NOTE:
CONTRACTOR SHALL SUBMIT
SHOP DRAWING FOR
SIDEWALK BASE AND
DOWELING AT RAMP FLARES.

5 SIDEWALK RAMP FLARE SECTION
SCALE: 3"=1' W:\20220214\CONDOC\DETAILS\Sidewalk Ramp Flare Section.DWG



4 SIDEWALK RAMP - FULL WIDTH
SCALE: 1/2"=1' W:\20220214\CONDOC\DETAILS\Brick Sidewalk Ramp - Full Width.dwg

PLOTTED: 6/29/2023 5:39 PM BY: mchale, mear
LAYOUT: MDS-27
CAD FILE: W:\20220214\CONDOC\DETAILS\2021MDS-27.dwg



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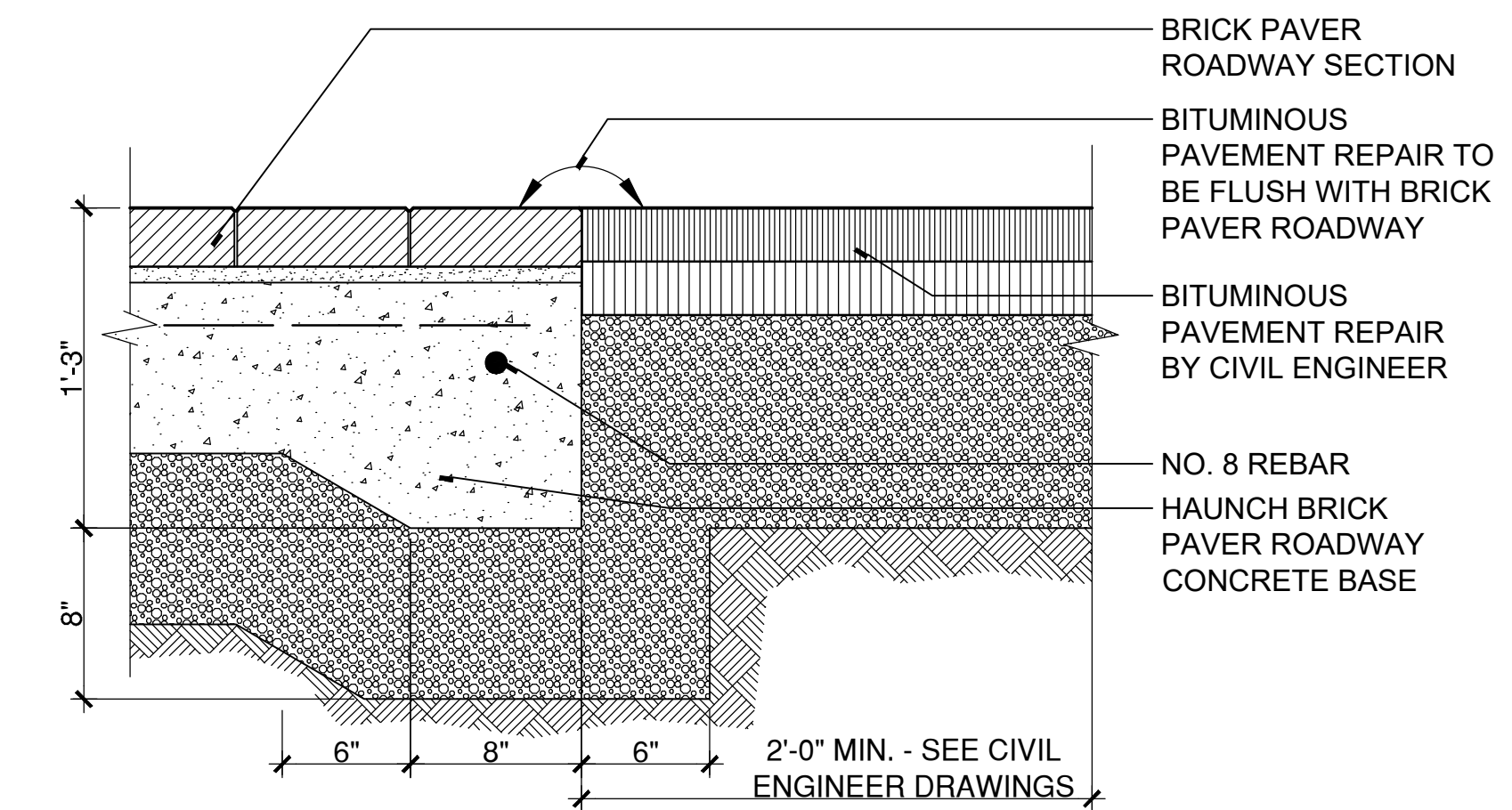


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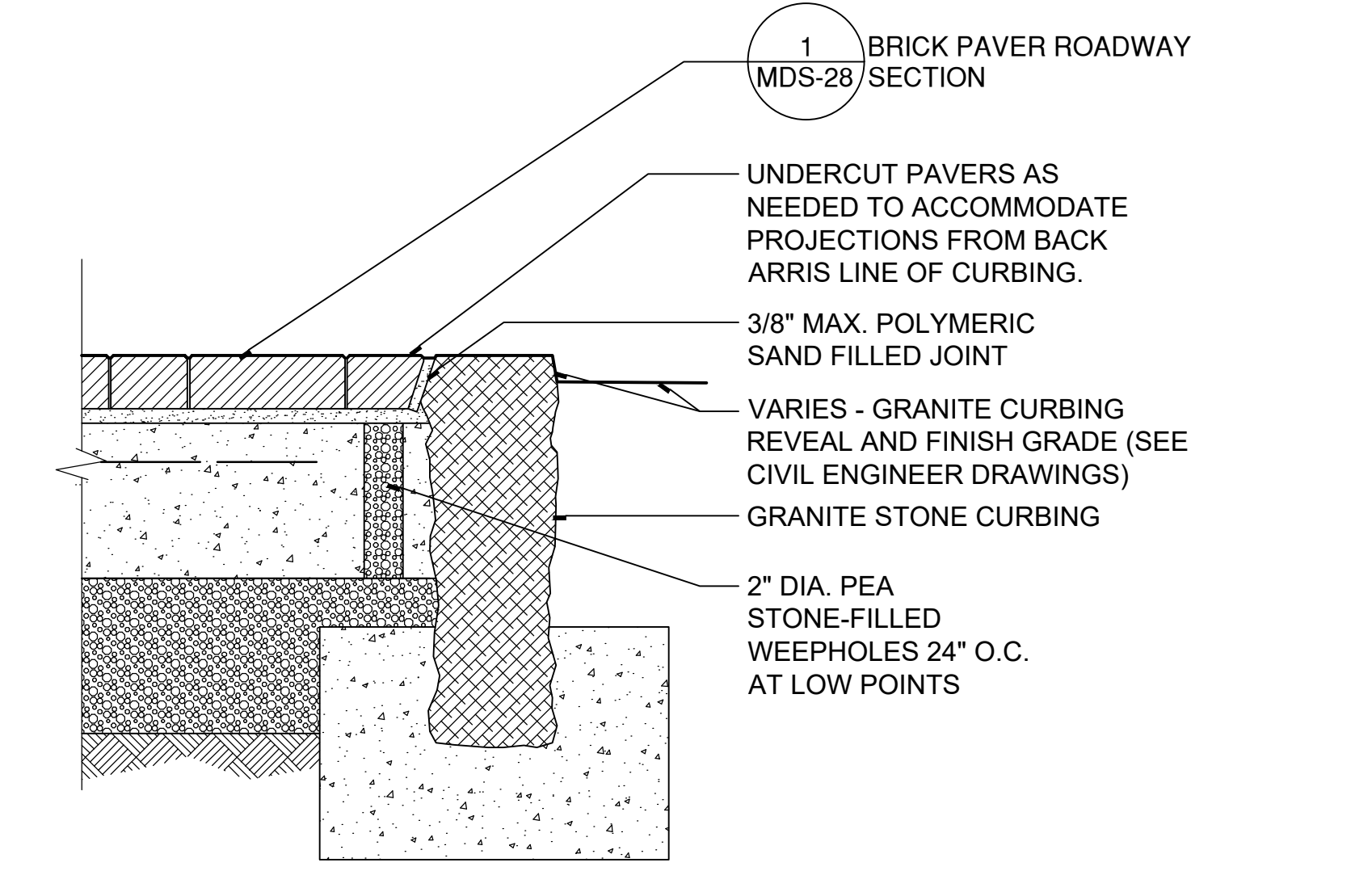
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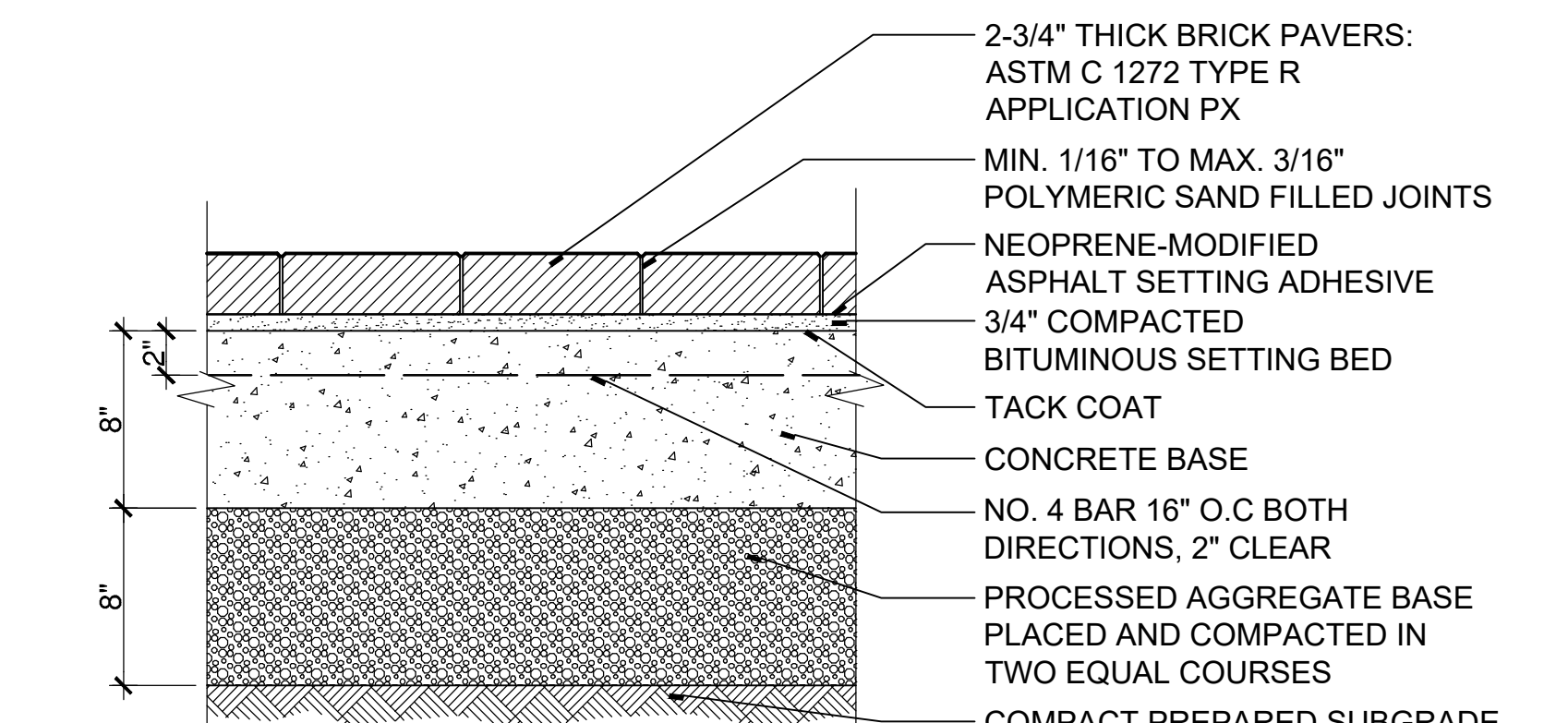
MDS-28



3 BRICK PAVER ROADWAY AT BITUMINOUS PAVEMENT REPAIR
SCALE: 1 1/2"=1'
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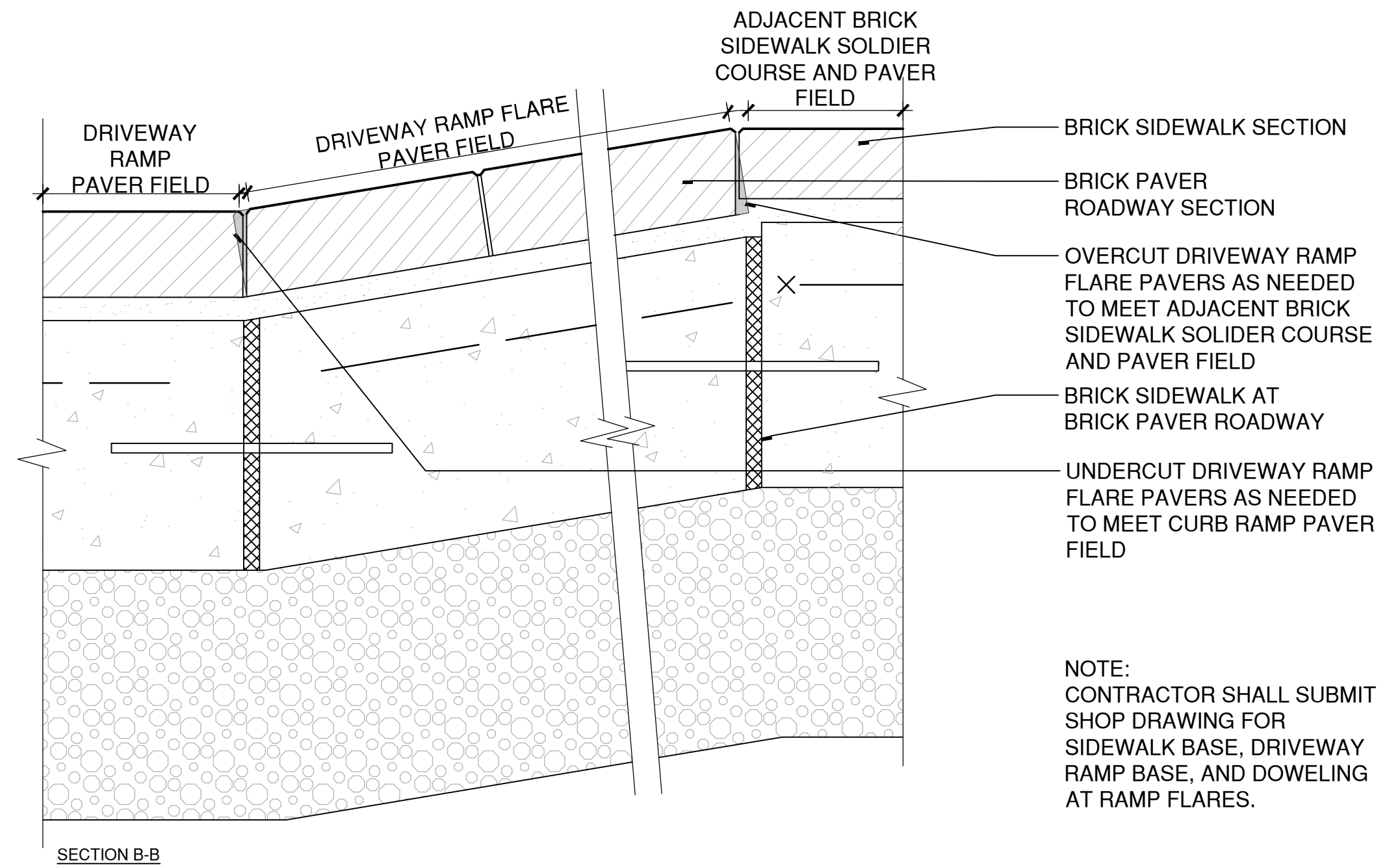


2 BRICK PAVER ROADWAY AT GRANITE CURBING
SCALE: 1 1/2"=1'
W:\20220214\CONDOCC\Details\brick road at granite curb flush.dwg

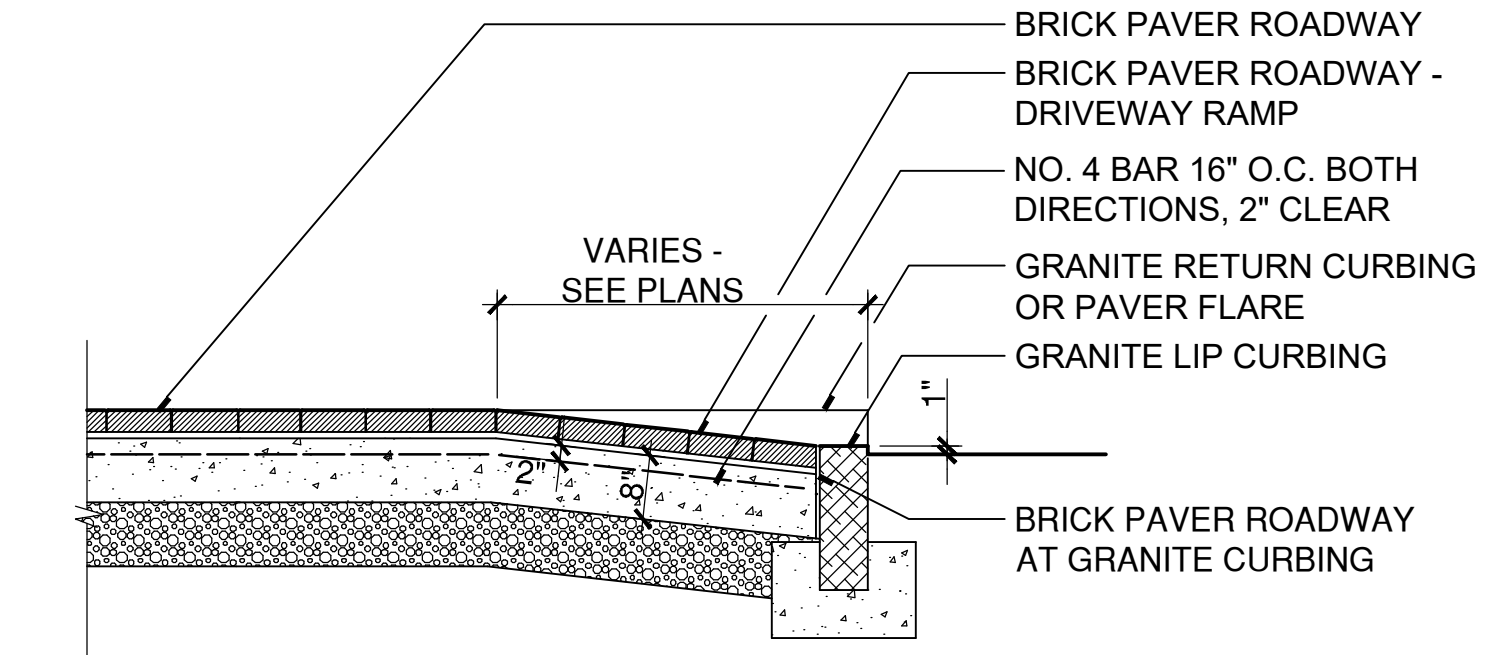


NOTES:
1. BRICK PAVER ROADWAY PAVES SHALL BE HEAVY VEHICULAR PAVING BRICK; ASTM C 1272, TYPE R, APPLICATION PX.
2. THICKNESS: 2-3/4 INCHES. FACE SIZE: 4 X 8 INCHES AS INDICATED
3. COLOR: SEE SPECIFICATION

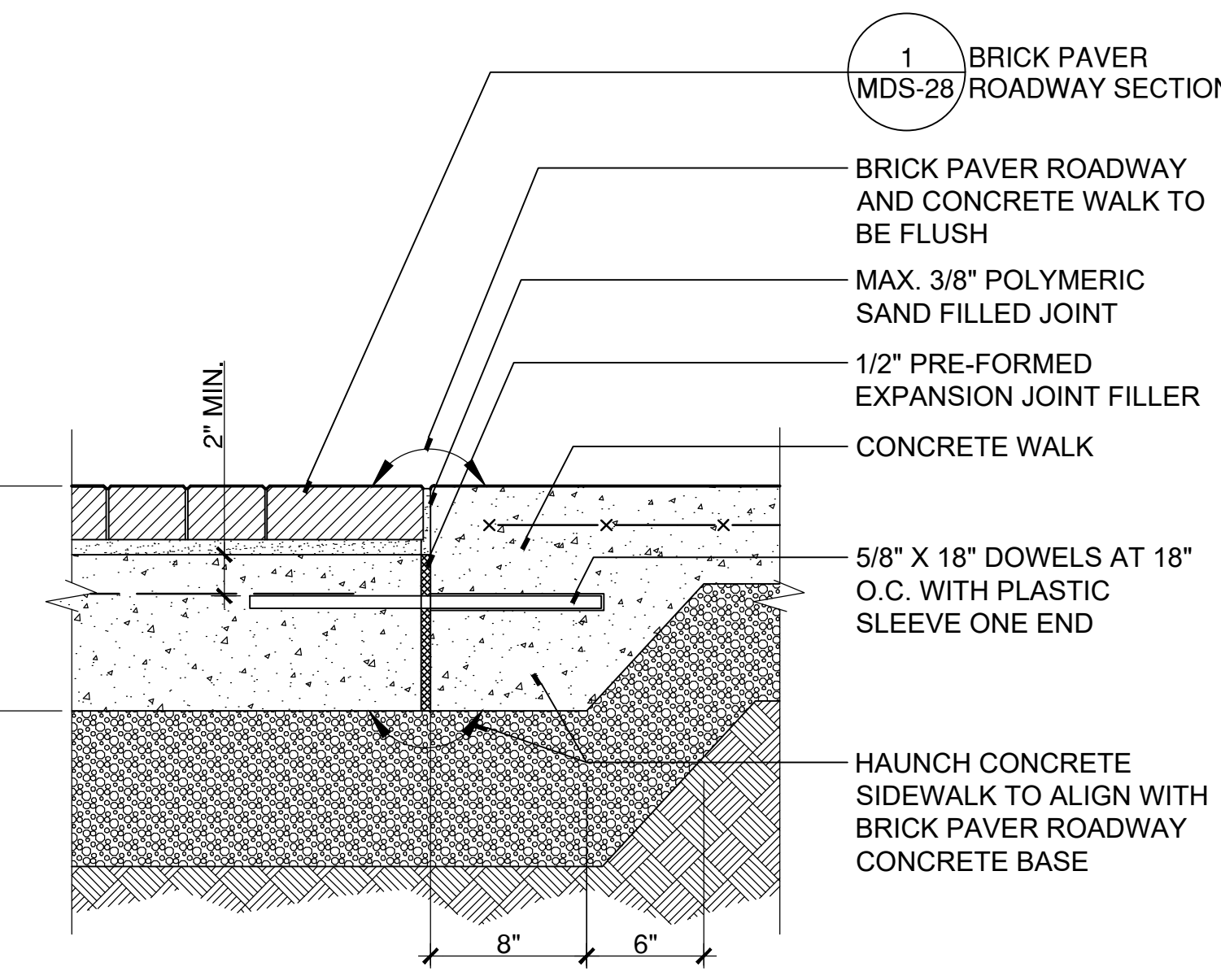
1 BRICK PAVER ROADWAY SECTION
SCALE: 1 1/2"=1'
W:\20220214\CONDOCC\Details\Brick Paver Roadway Section.dwg



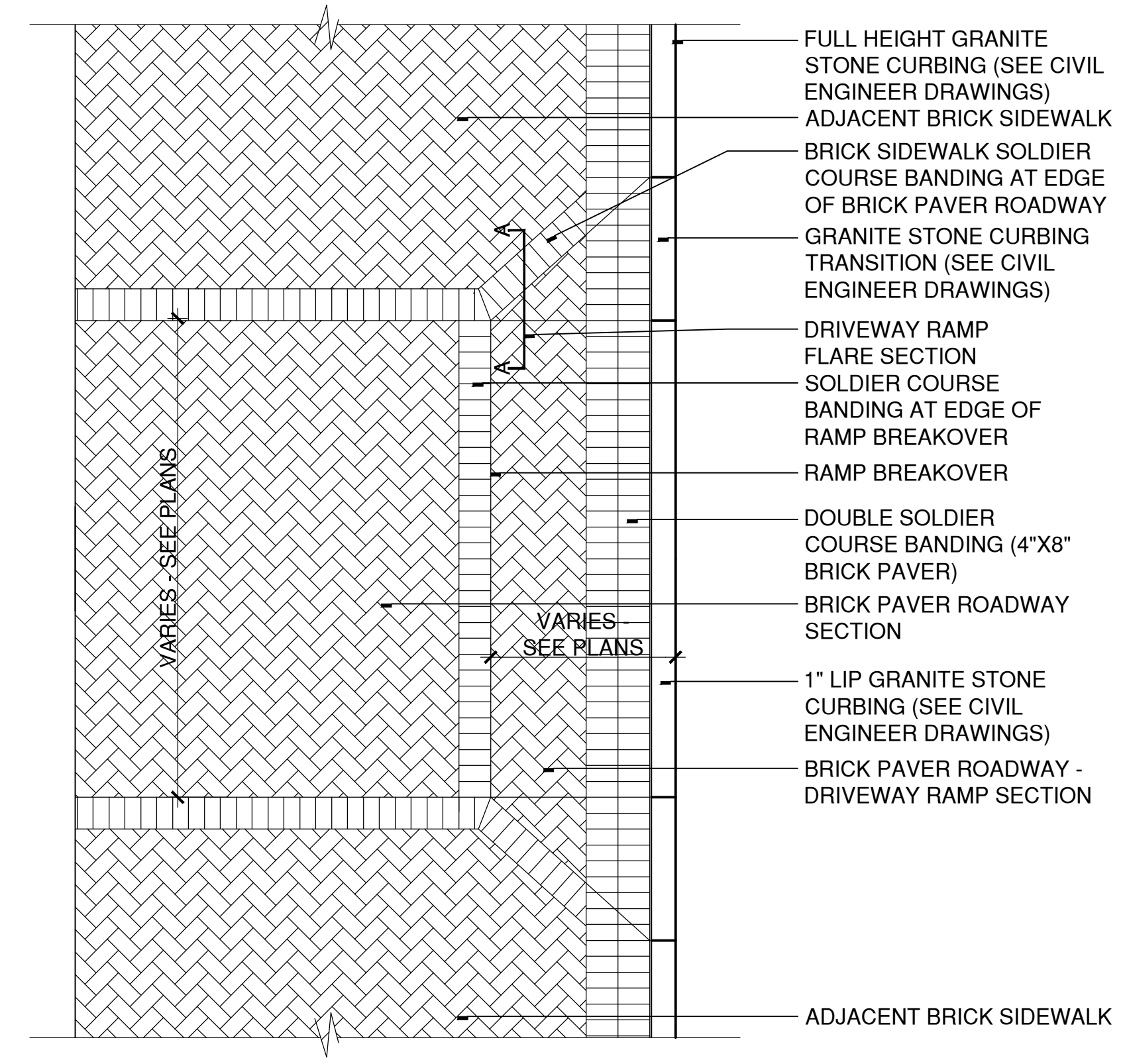
7 DRIVEWAY RAMP FLARE SECTION
SCALE: 3"=1'
W:\20220214\CONDOCC\DETAILS\Brick Driveway Ramp Flare Section.DWG



6 BRICK PAVER ROADWAY - DRIVEWAY RAMP SECTION
SCALE: 1/2"=1'
W:\20220214\CONDOCC\Details\Brick Driveway Ramp Section.dwg



5 BRICK PAVER ROADWAY AT CONCRETE WALK
SCALE: 1 1/2"=1'
W:\20220214\CONDOCC\Details\Brick Paver Roadway at Concrete Walk.dwg



4 BRICK PAVER ROADWAY - DRIVEWAY RAMP PLAN
SCALE: 3/8"=1'
W:\20220214\CONDOCC\Details\Brick Driveway Ramp Plan.dwg

CAD FILE: W:\20220214\CONDOCC\Details\2021\MDS-28.dwg LAYOUT: MDS-28 PLOTTED: 6/28/2023 5:38 PM BY: michel.e.mer



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ORIGINAL DRAWING SIZE IS 22 x 34

STREETSCAPE MISCELLANEOUS DETAILS

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

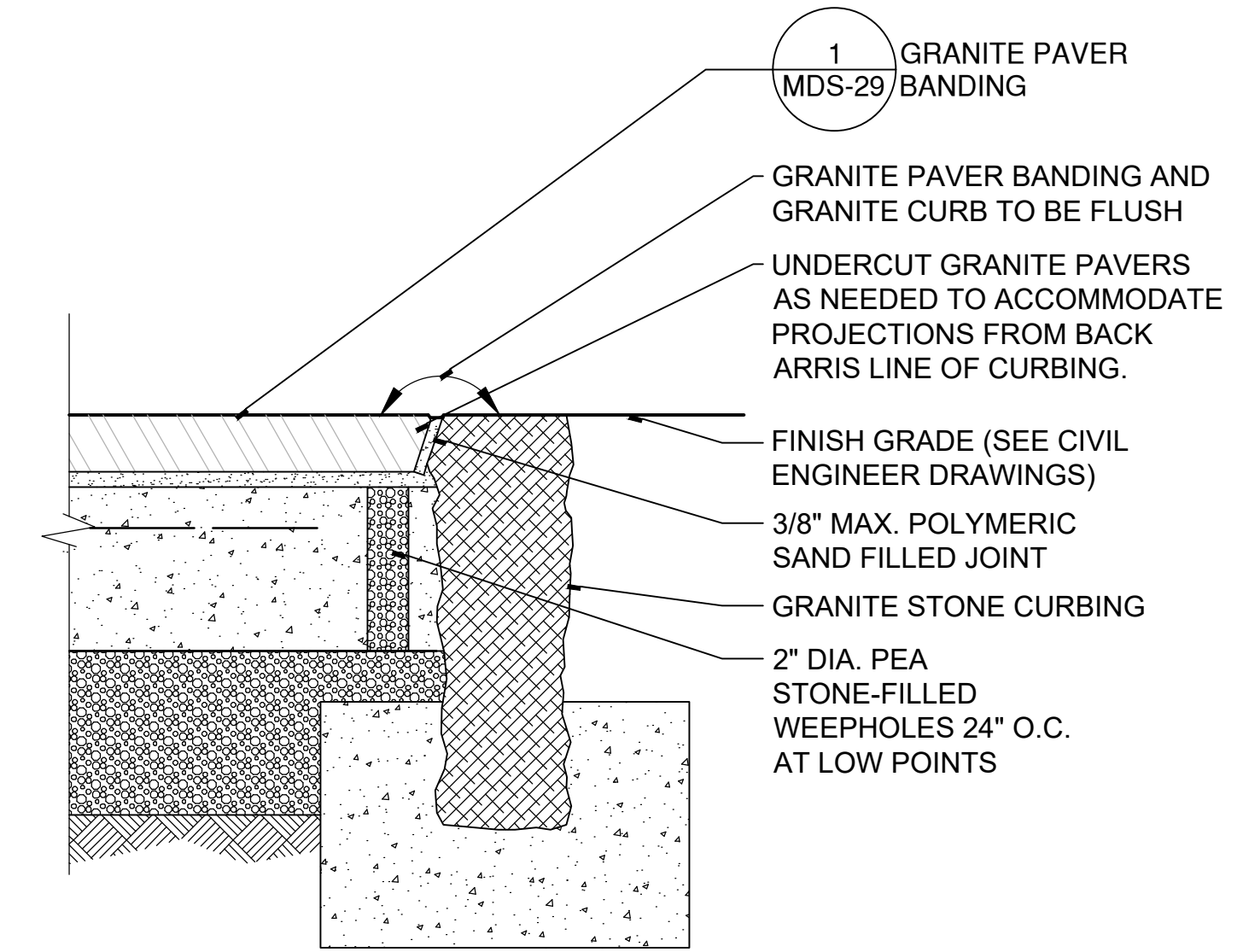


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

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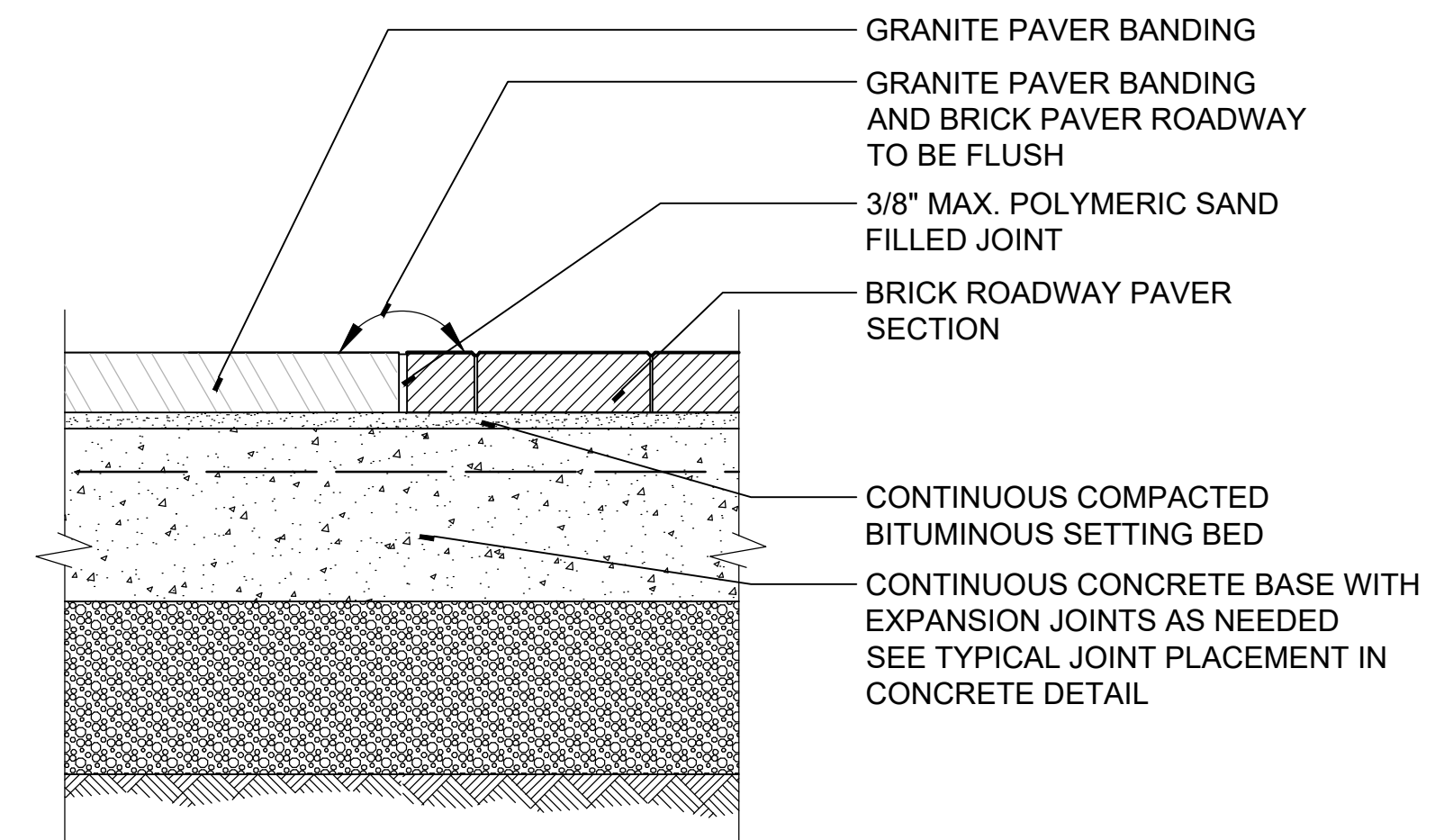
PROJECT NO.	20225069.002A
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MDS-29



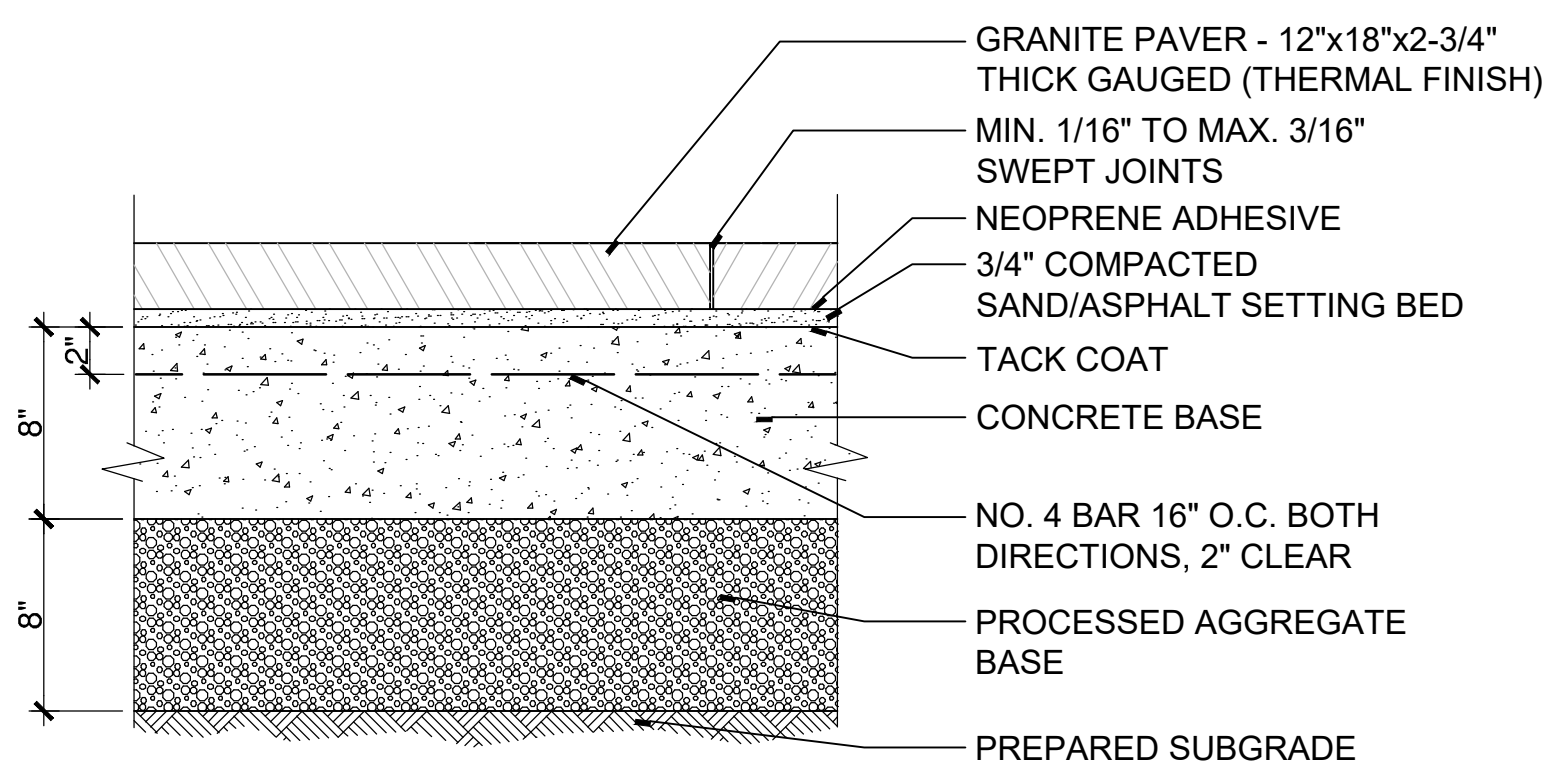
3 GRANITE PAVER BANDING AT FLUSH GRANITE CURB
SCALE: 1 1/2"=1'

W:\20220214\CONDOC\Details\GranitePaver at Flush Granite Curb.dwg



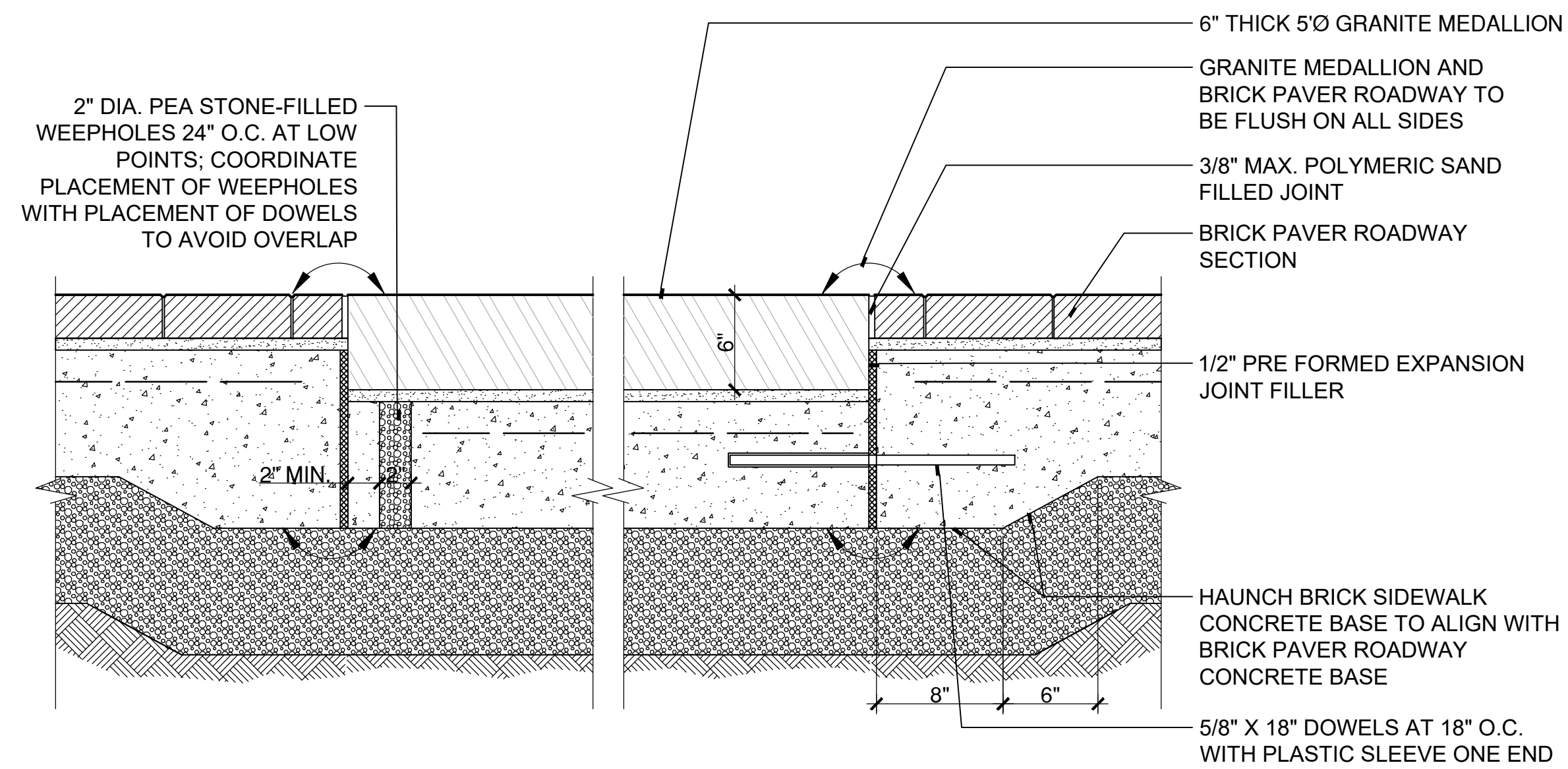
2 GRANITE PAVER BANDING AT BRICK PAVER ROADWAY
SCALE: 1 1/2"=1'

W:\20220214\CONDOC\Details\GranitePaver at Brick Paver Roadway.dwg



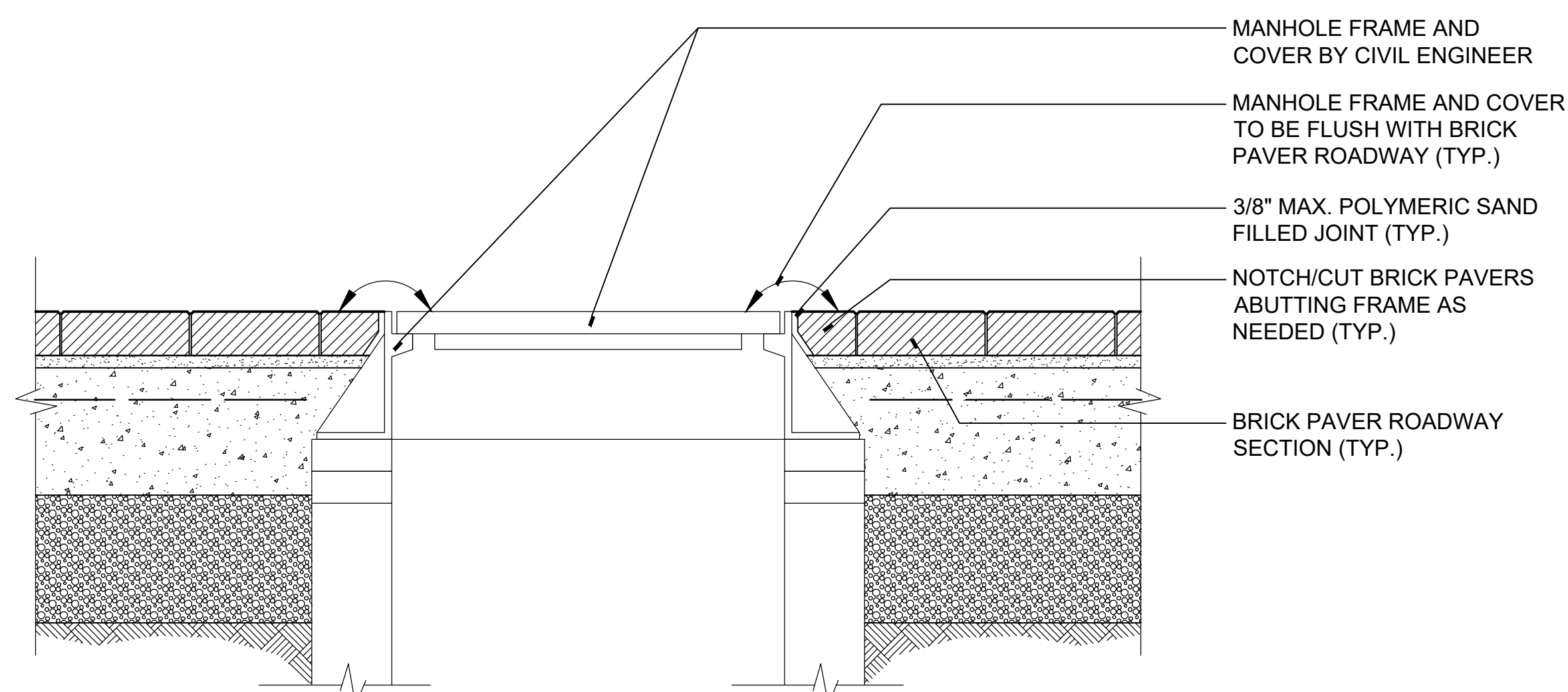
1 GRANITE PAVER BANDING
SCALE: 1 1/2"=1'

W:\20220214\CONDOC\Details\GranitePaver.dwg



5 GRANITE MEDALLION AT BRICK PAVER ROADWAY
SCALE: 1 1/2"=1'

W:\20220214\CONDOC\Details\Granite Medallion Section.dwg



4 BRICK PAVER ROADWAY AT MANHOLE FRAME AND COVER
SCALE: 1 1/2"=1'

W:\20220214\CONDOC\Details\Brick Paver Roadway at Manhole Cover.dwg



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STREETSCAPE MISCELLANEOUS DETAILS

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

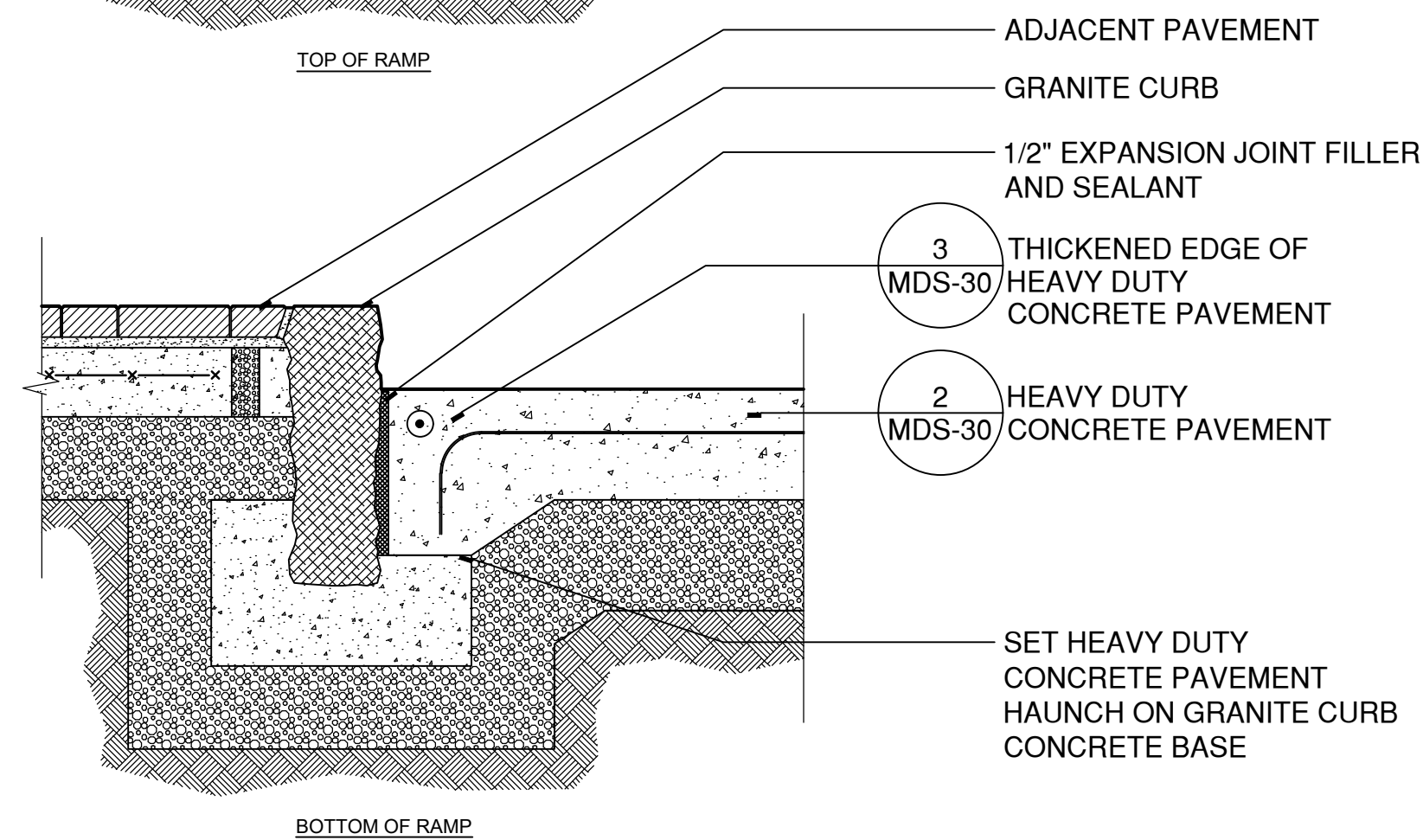
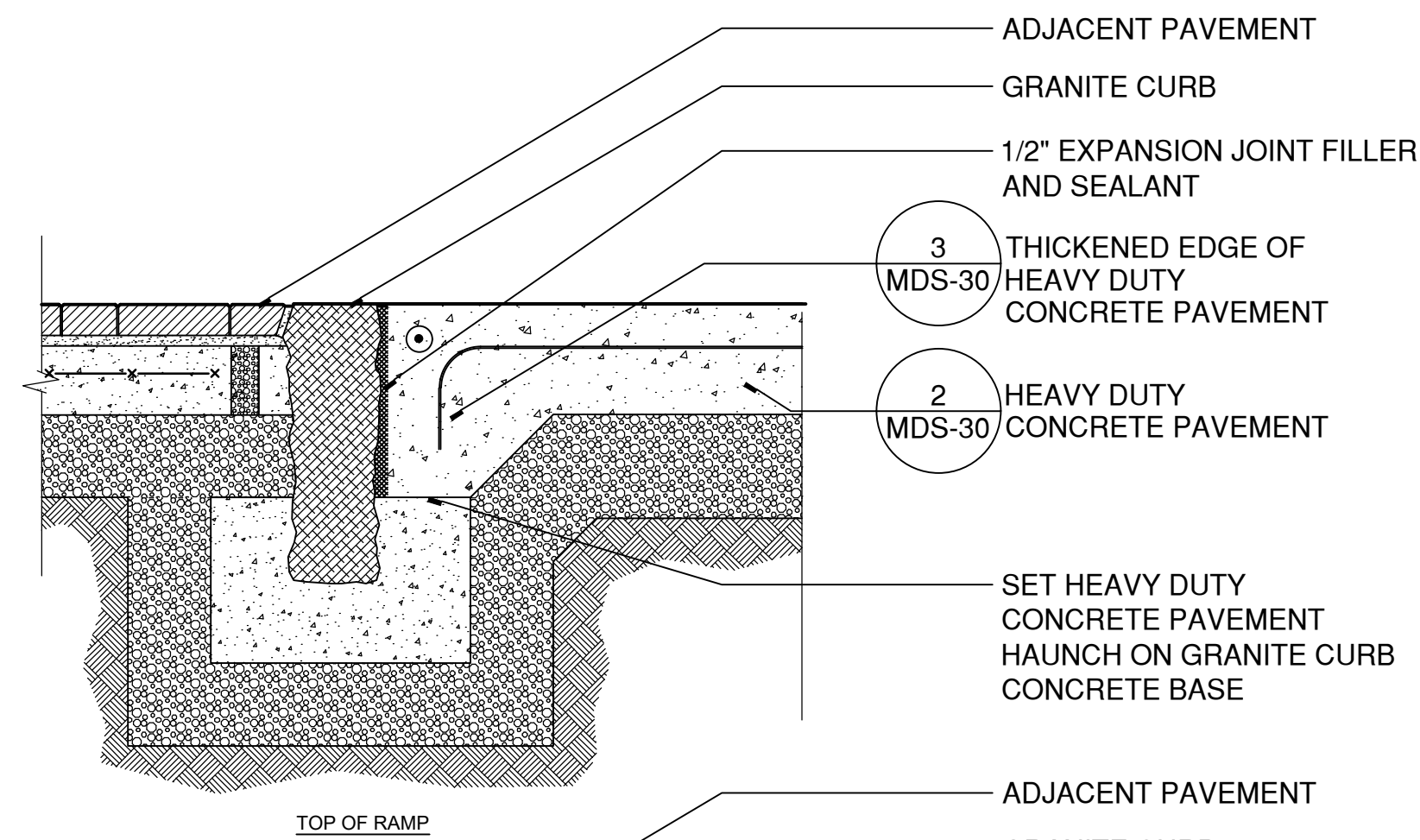


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

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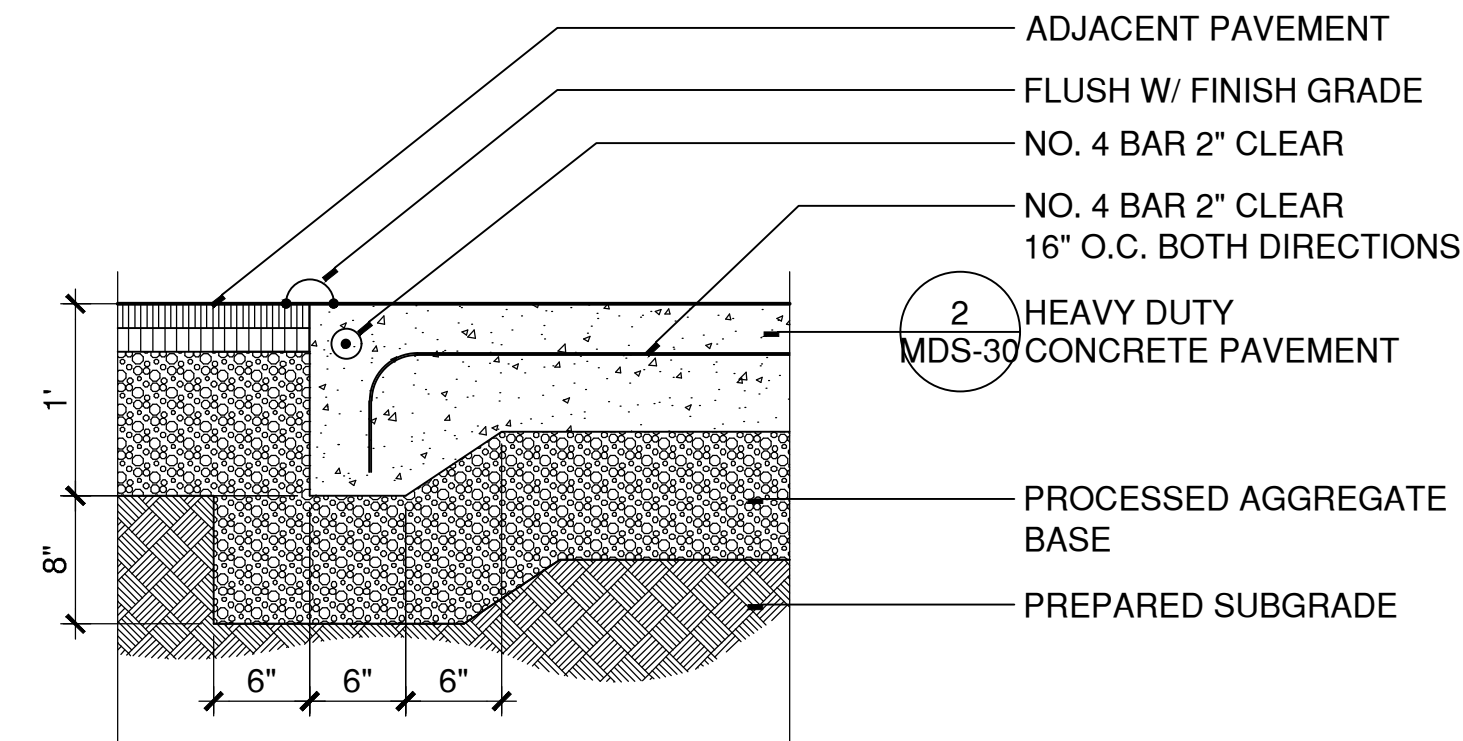
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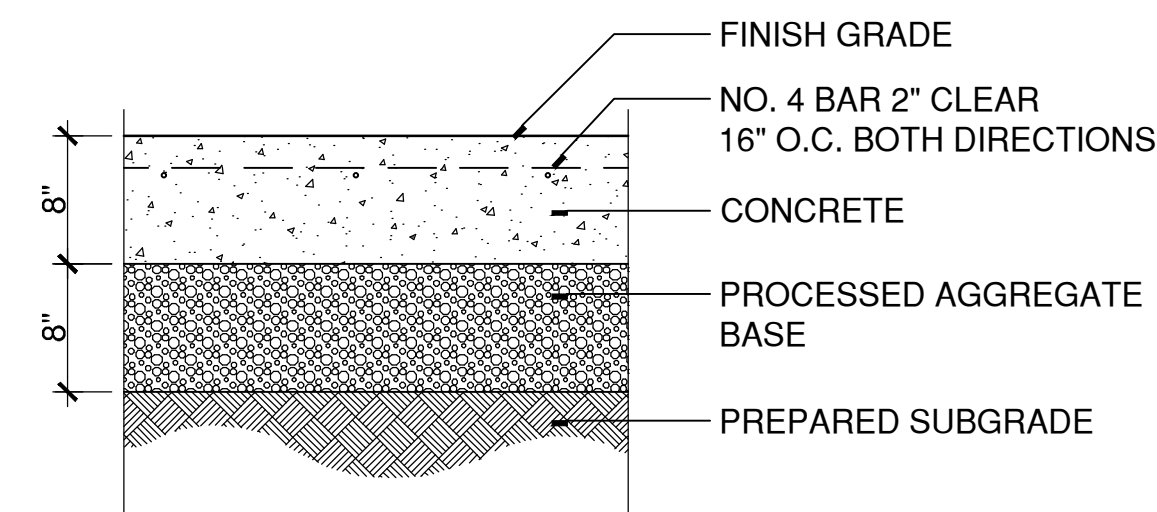
HEAVY DUTY CONCRETE PAVEMENT AT GRANITE CURB

5 SCALE: 1"=1' W:\20220214\CONDOC\DETAILS\HEAVY DUTY CONCRETE AT GRANITE CURB.DWG



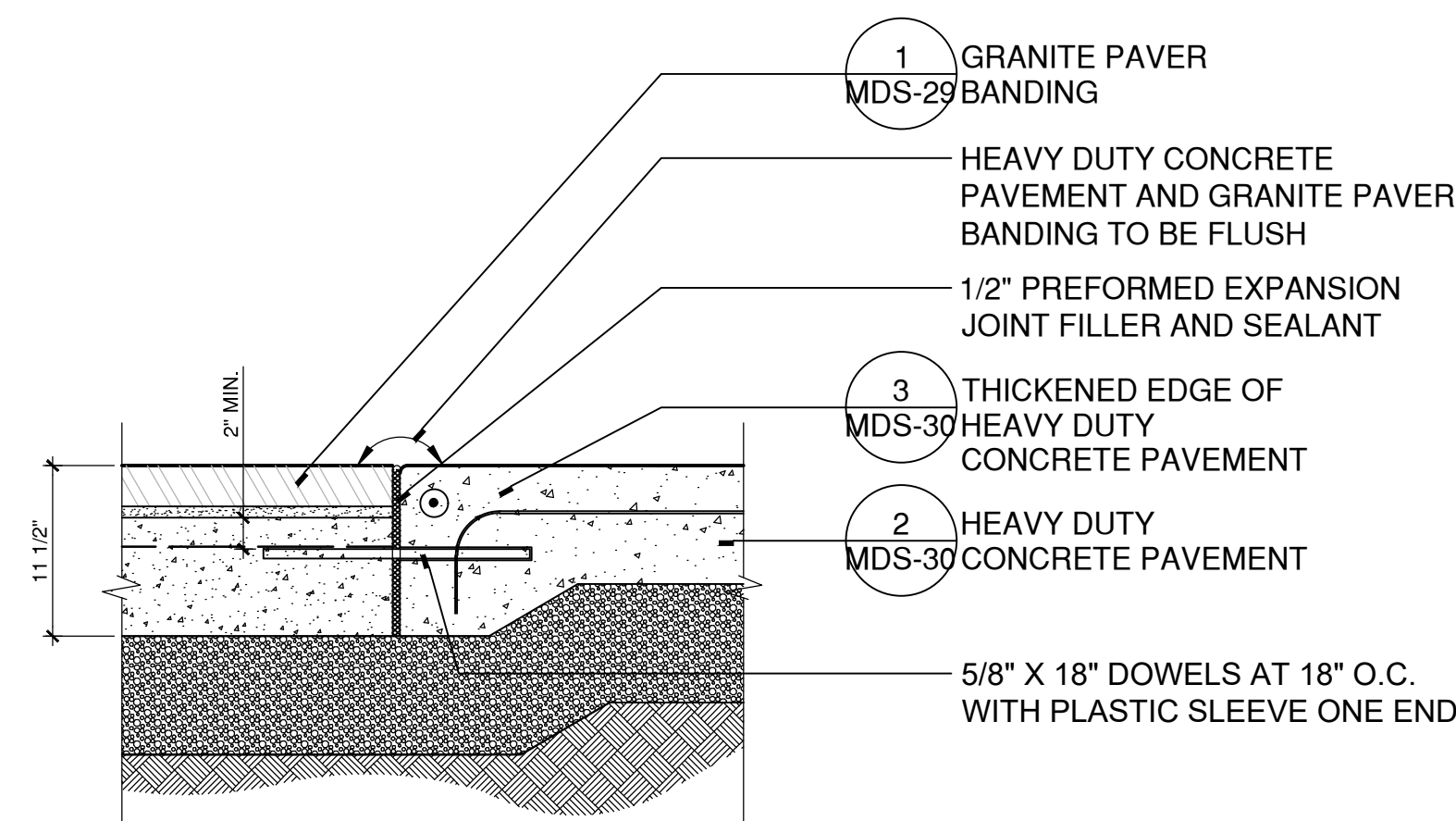
THICKENED EDGE OF HEAVY DUTY CONCRETE PAVEMENT

3 SCALE: 1"=1' X:\CADSTANDARD\DETAILS\321313-F.DWG



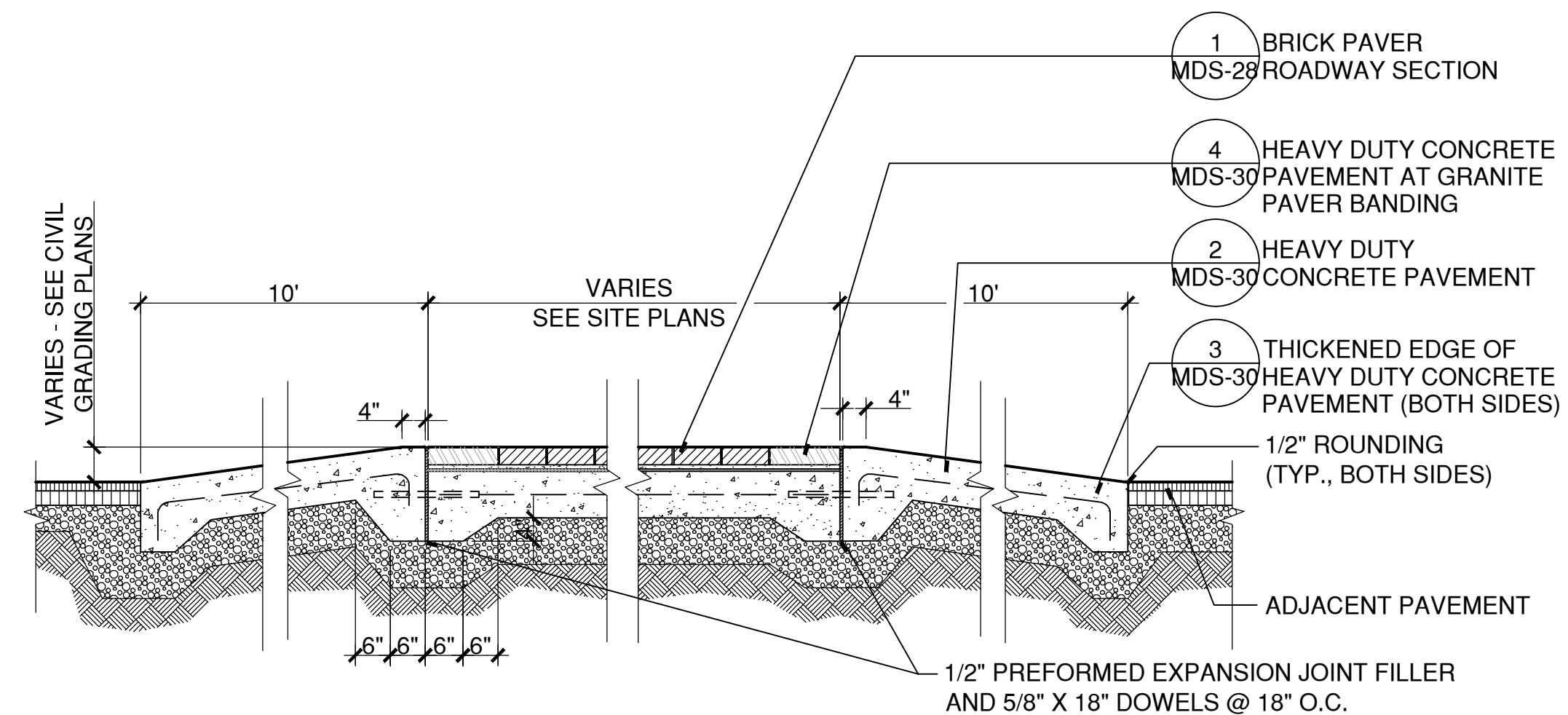
HEAVY DUTY CONCRETE PAVEMENT

2 SCALE: 1"=1' X:\CADSTANDARD\DETAILS\321313-E.DWG



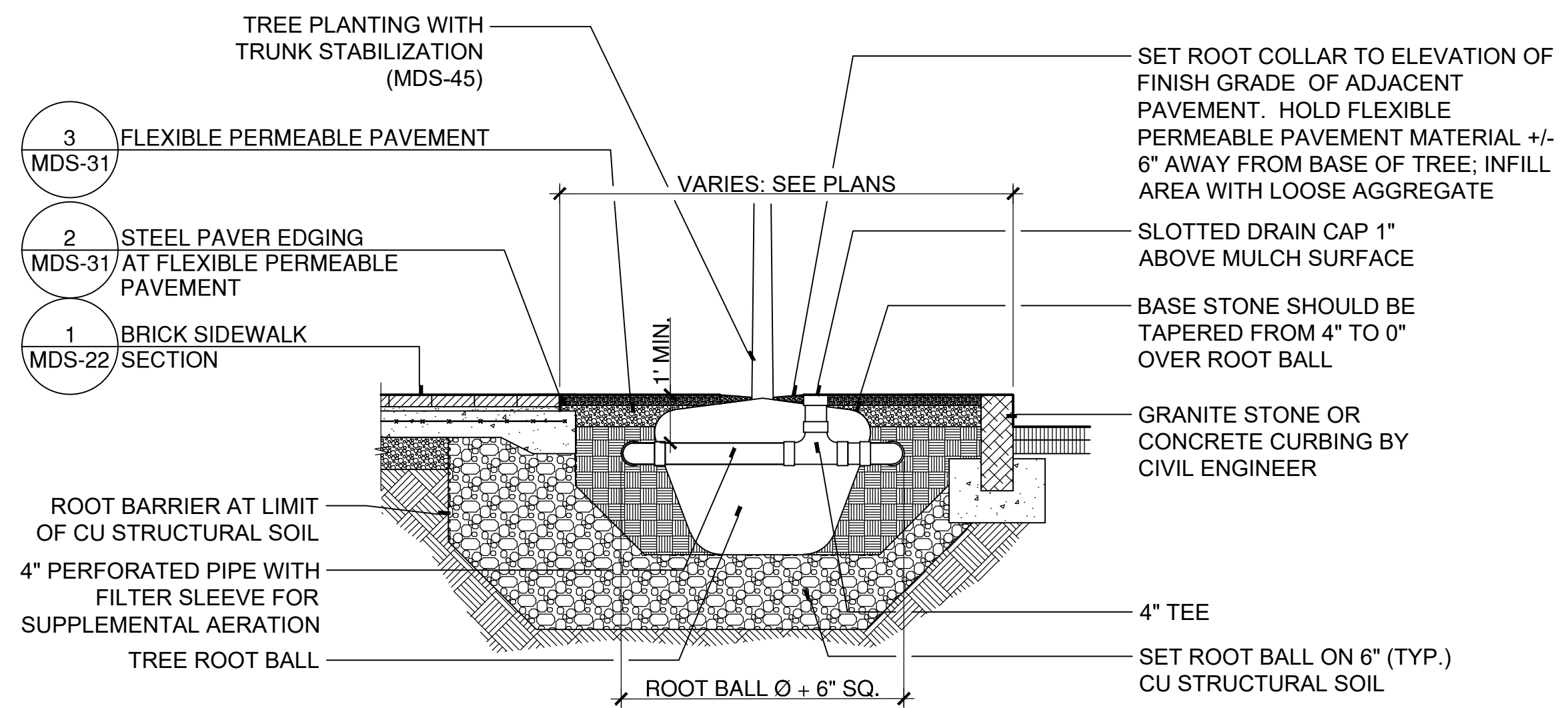
HEAVY DUTY CONCRETE PAVEMENT AT GRANITE PAVER BANDING

4 SCALE: 1"=1' W:\20220214\CONDOC\DETAILS\HEAVY DUTY CONCRETE AT GRANITE PAVER BANDING.DWG



RAISED INTERSECTION - CHURCH & MAPLE

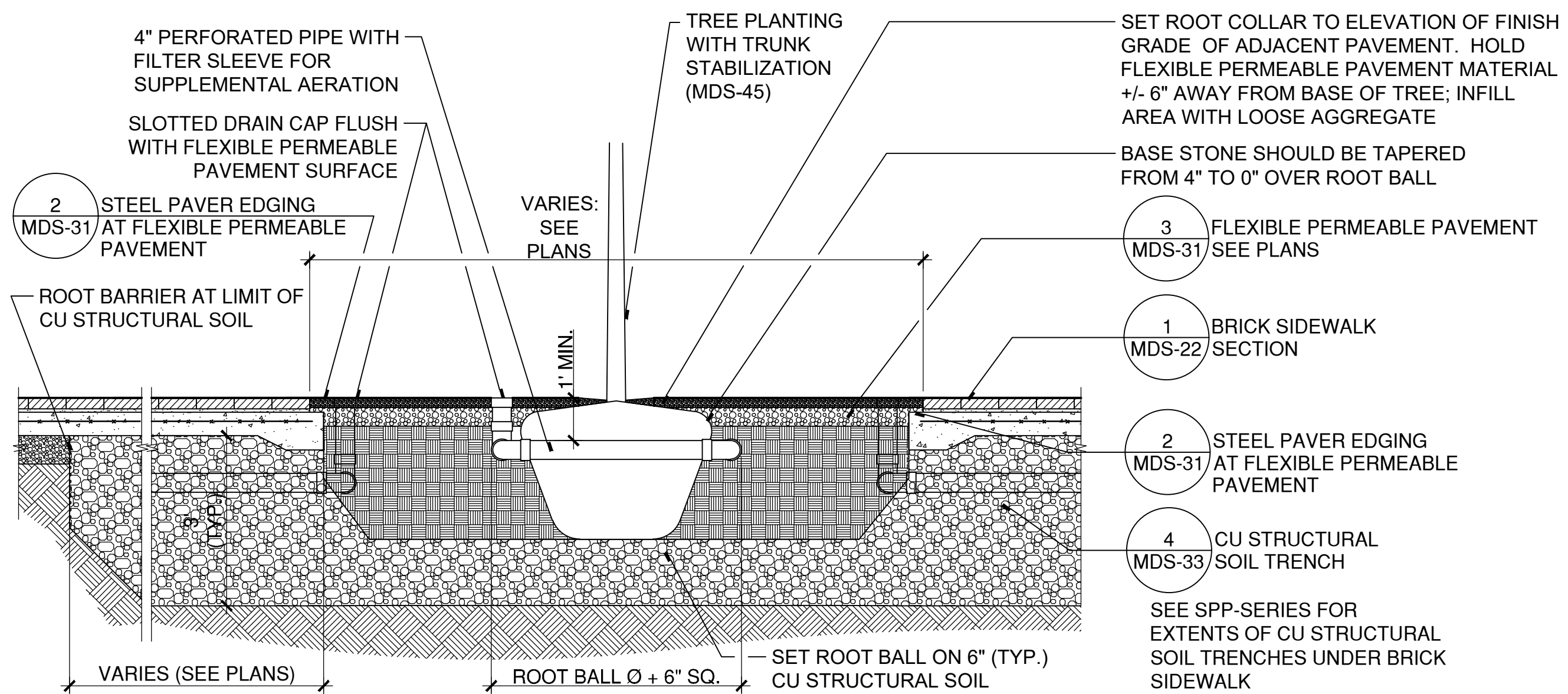
1 SCALE: 1/2"=1' RAISED CROSSING-PAVERS.DWG



5 FLEXIBLE PERMEABLE PAVEMENT AT TREE PIT: TRANSVERSE SECTION

SCALE: 1/2"=1'

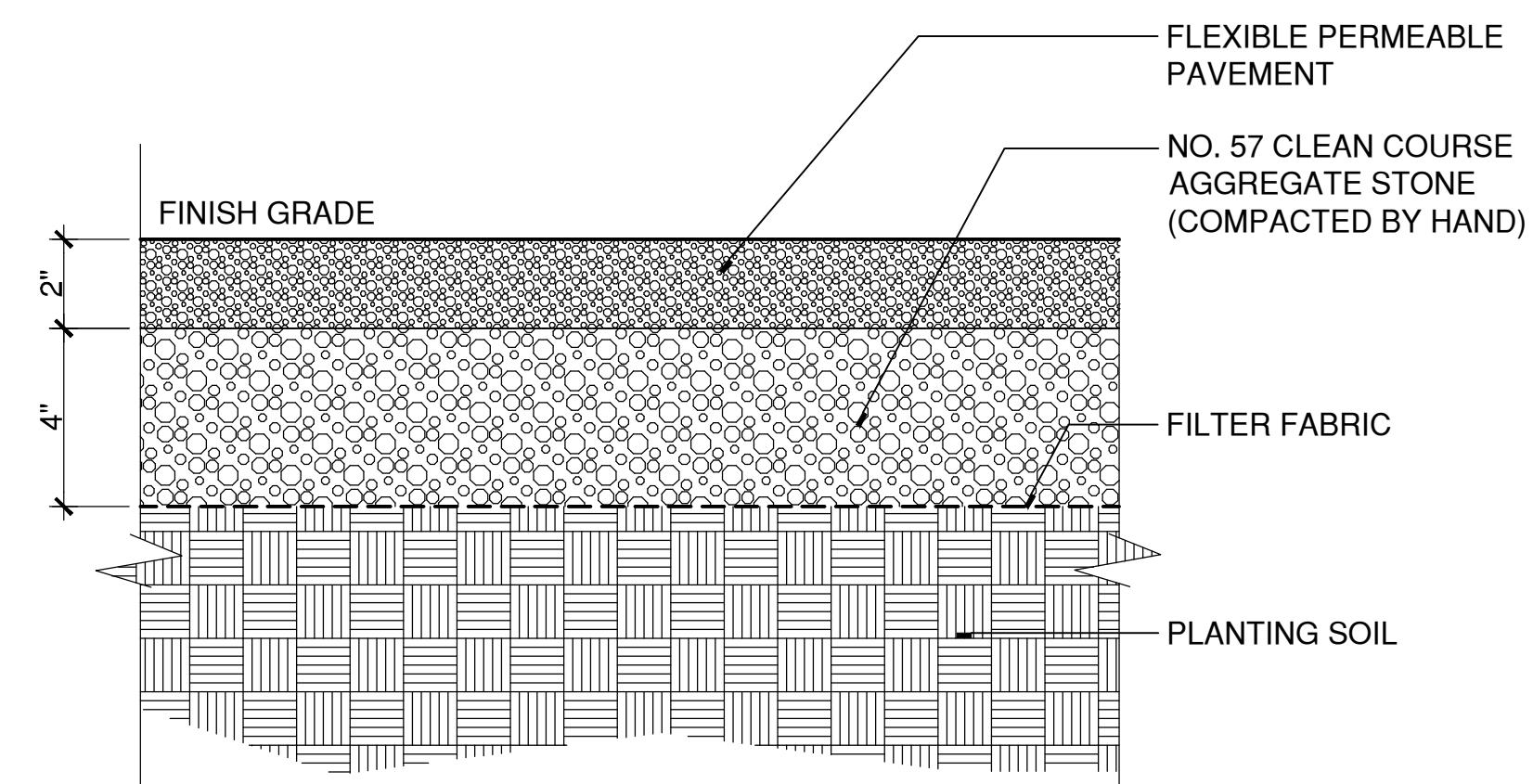
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4 FLEXIBLE PERMEABLE PAVEMENT AT TREE PIT: LONGITUDINAL SECTION

SCALE: 1/2"=1'

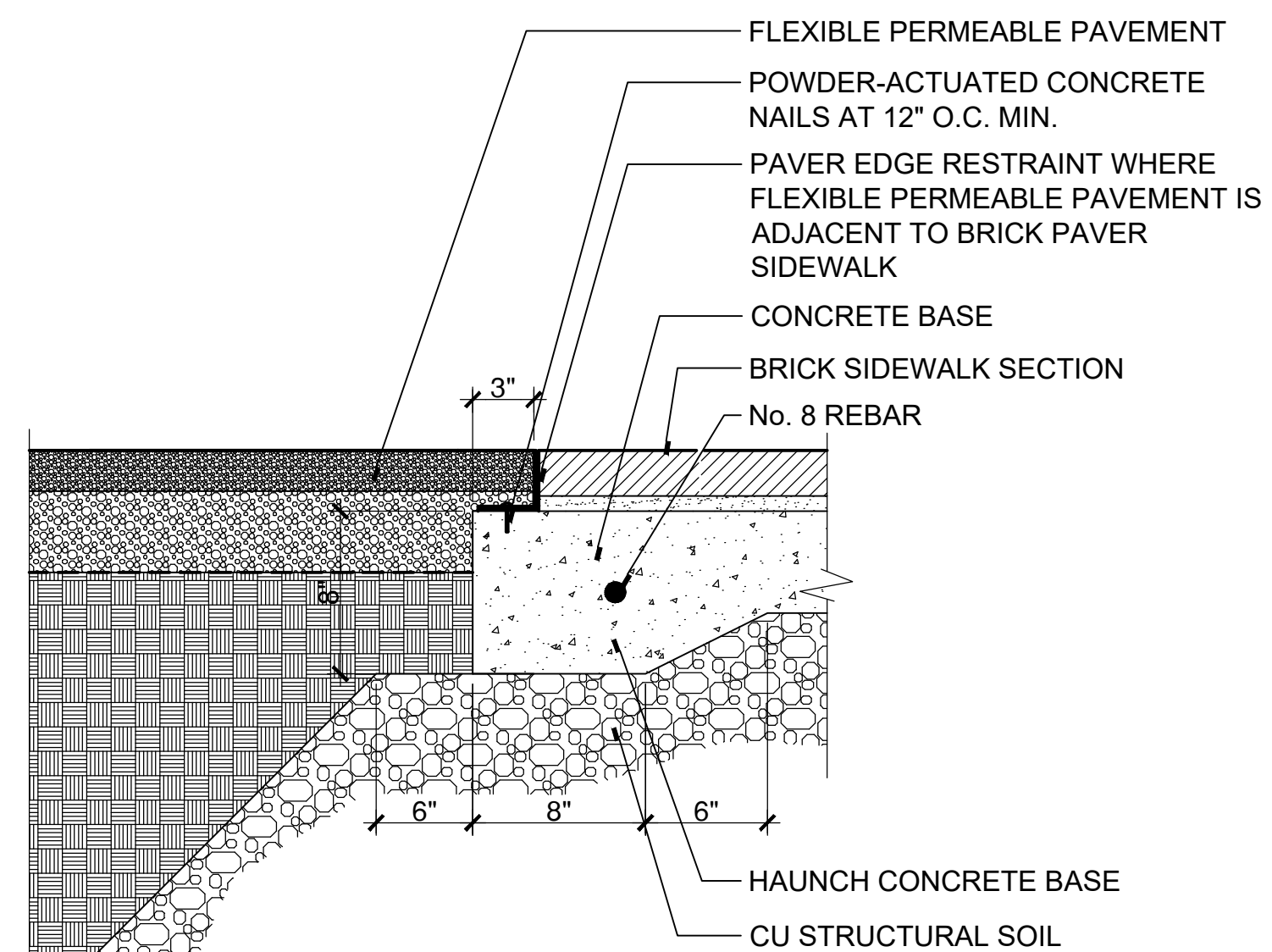
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3 FLEXIBLE PERMEABLE PAVEMENT

SCALE: 3"=1'

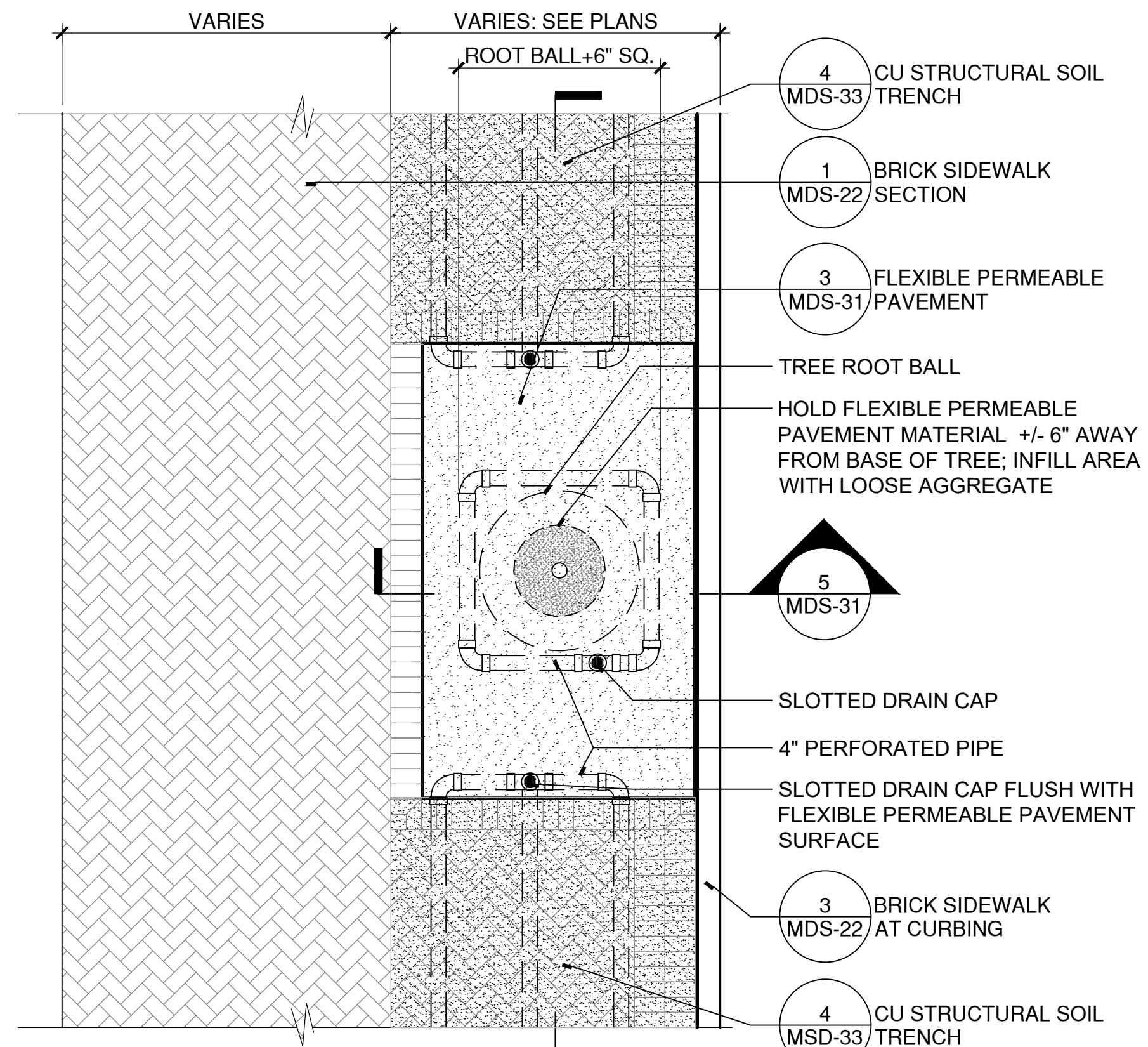
W:\2022\2021\4CONDOCI\Details\FLEXI-PAVE.dwg



2 STEEL PAVER EDGING AT FLEXIBLE PERMEABLE PAVEMENT

SCALE: 1 1/2"=1'

W:\2022\2021\4CONDOCI\Details\planter edging longitudinal -flexi-pave.dwg



1 FLEXIBLE PERMEABLE PAVEMENT AT TREE PIT

SCALE: 3/8"=1'

W:\2022\2021\4CONDOCI\Details\plan 4 new trees - flexi pave.dwg

- NOTE:
- SEE "ROOT BARRIER AT LIMIT OF CU STRUCTURAL SOIL" ON SHEET MDS-31 FOR ADDITIONAL NOTES ON BIOBARRIER ROOT CONTROL FABRIC
 - LIMIT OF CU STRUCTURAL SOIL TRENCH VARIES - SEE PLANTING PLANS.



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STREETSCAPE MISCELLANEOUS DETAILS
DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

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DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

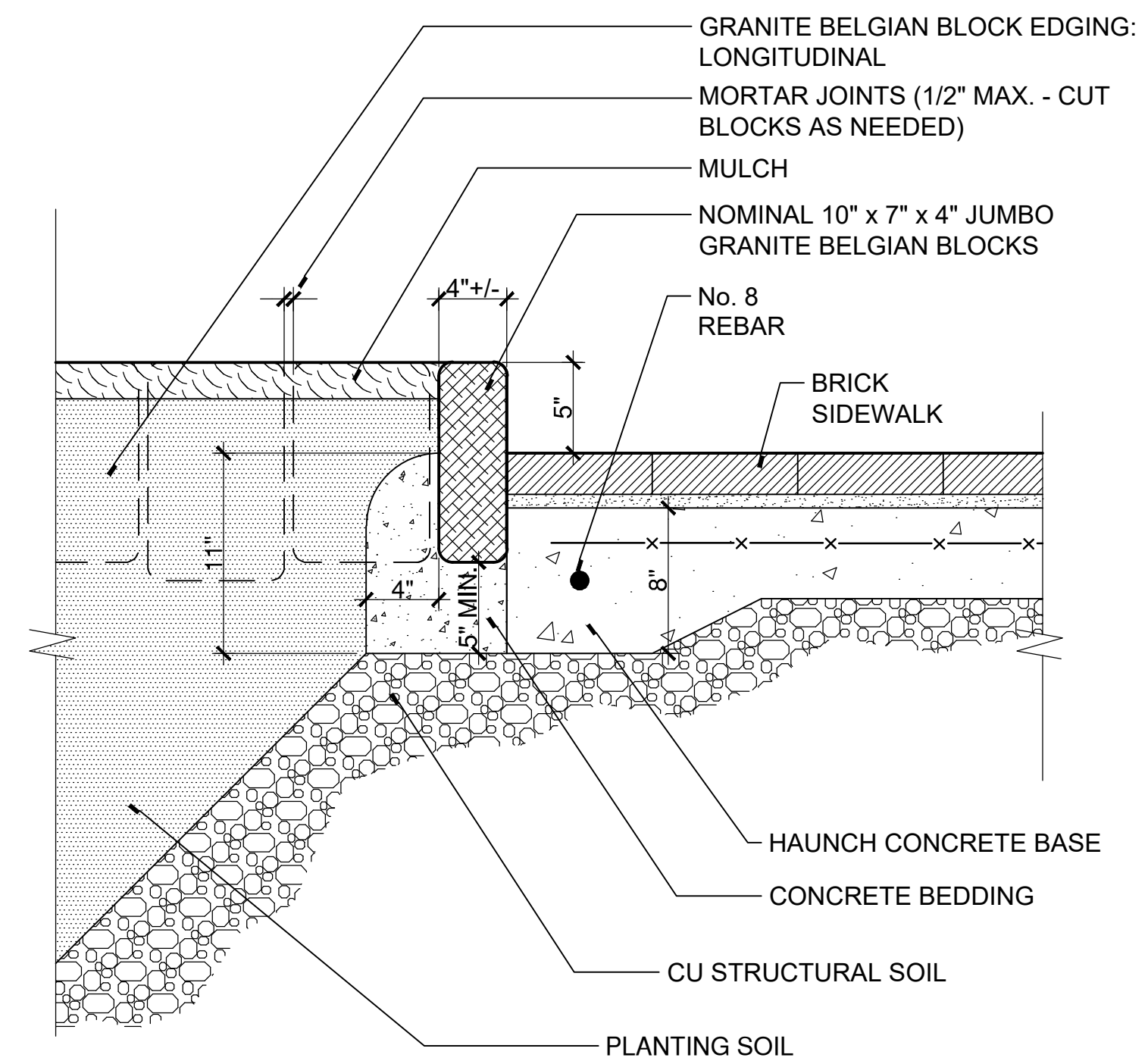


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

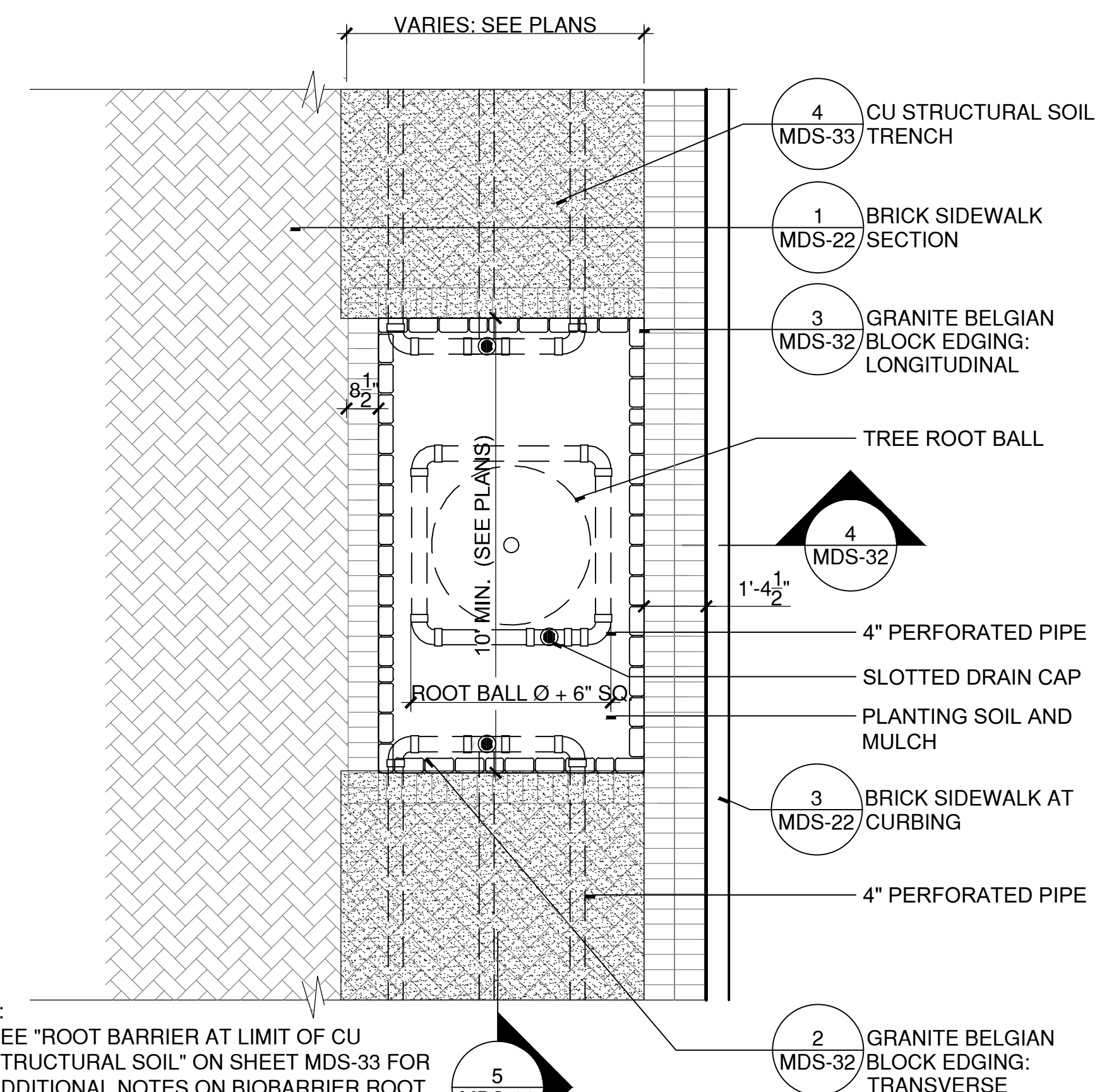
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APPROVED BY	MAC

MDS-32

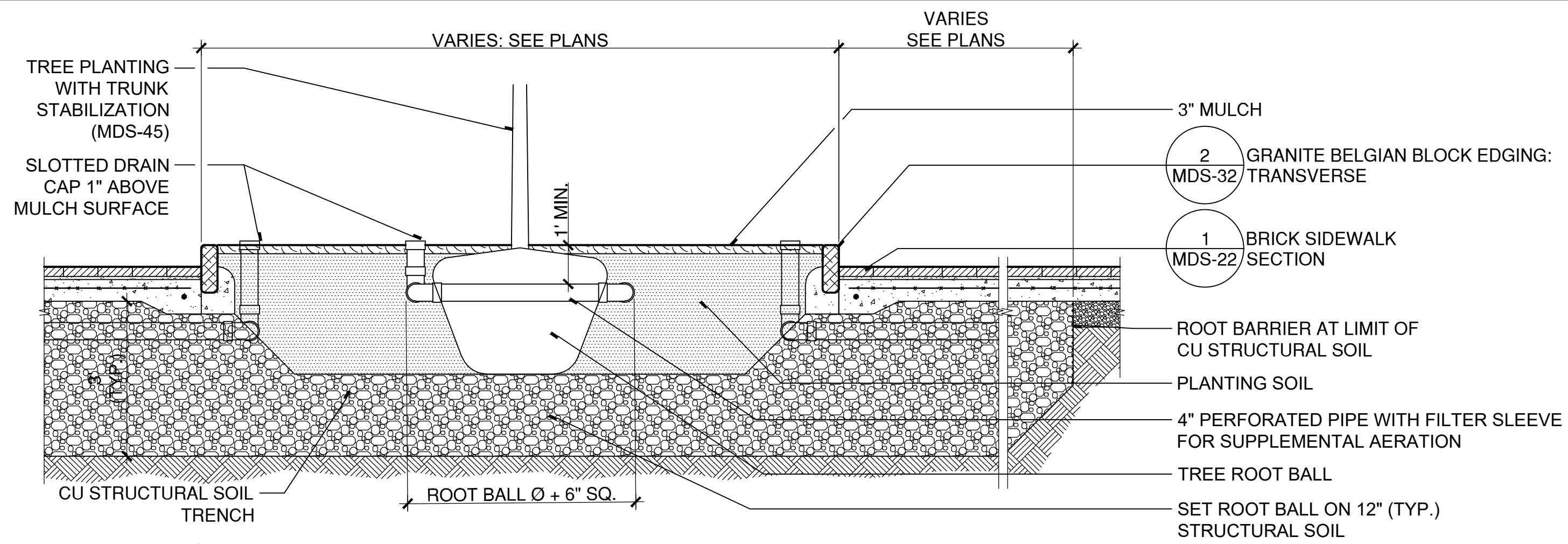


2 GRANITE BELGIAN BLOCK EDGING: TRANSVERSE
SCALE: 1 1/2"=1"
W:\20220214\CONDOC\Details\planter edging transverse.dwg

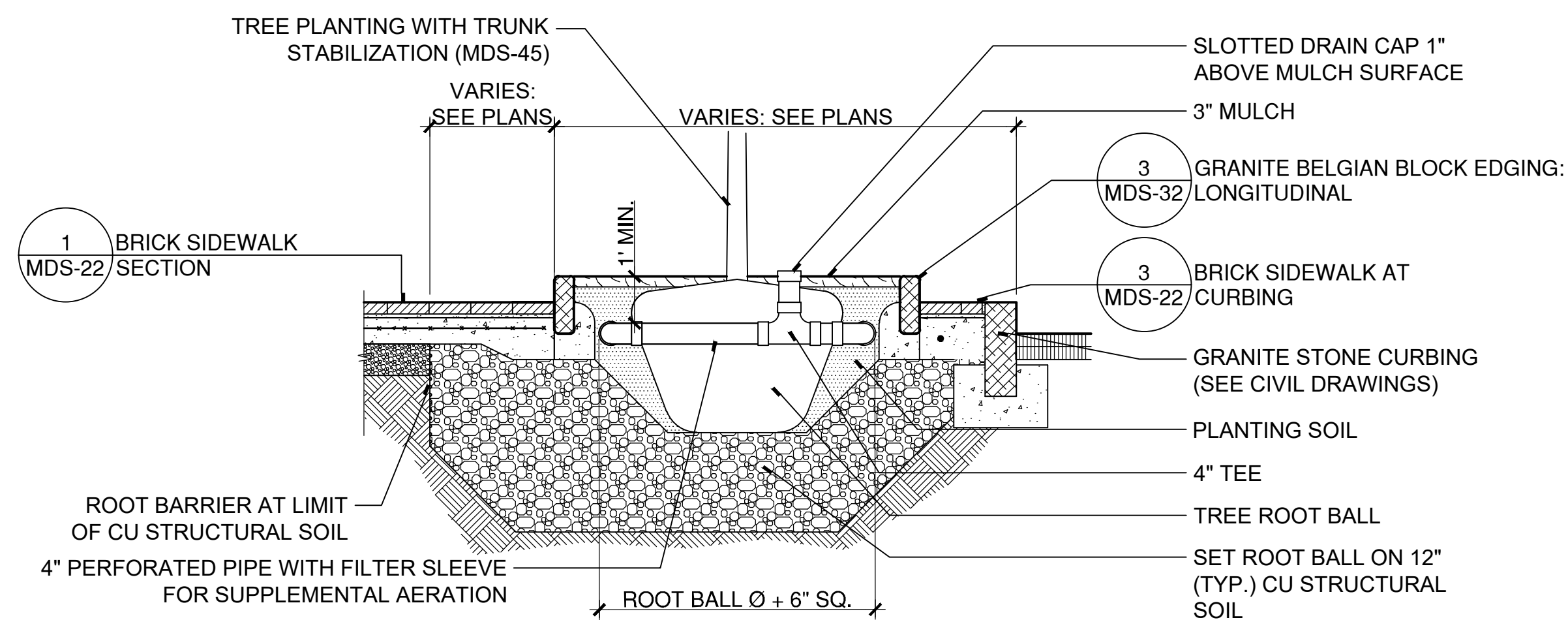


- NOTE:
- SEE "ROOT BARRIER AT LIMIT OF CU STRUCTURAL SOIL" ON SHEET MDS-33 FOR ADDITIONAL NOTES ON BIOBARRIER ROOT CONTROL FABRIC.
 - LIMIT OF CU STRUCTURAL SOIL TRENCH VARIES - SEE PLANTING PLANS.

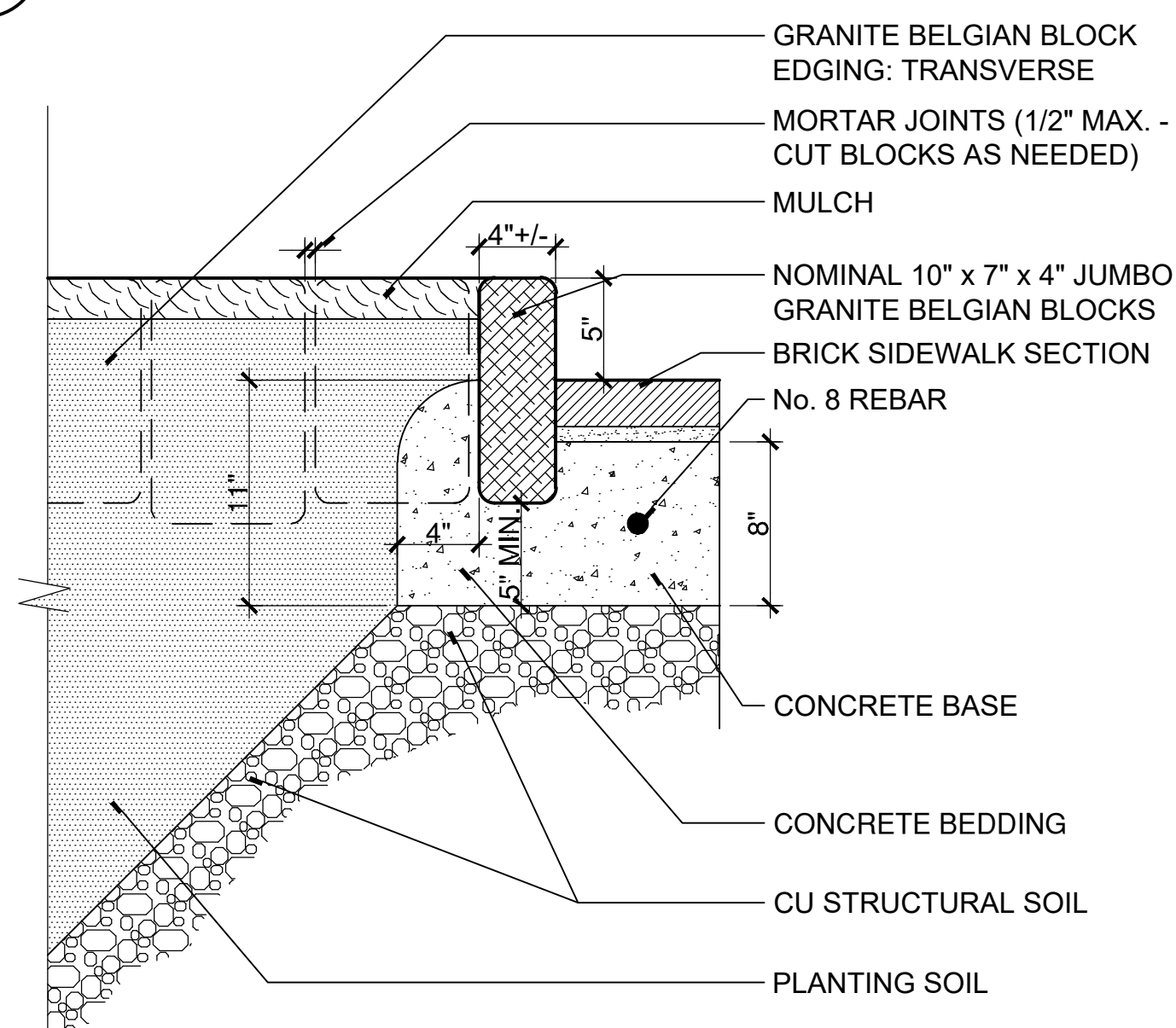
1 BELGIAN BLOCK PLANTER
SCALE: 3/8"=1"
W:\20220214\CONDOC\Details\tree pit plan 4 new trees.dwg



5 BELGIAN BLOCK PLANTER FOR TREE PIT: LONGITUDINAL SECTION
SCALE: 1/2"=1"
W:\20220214\CONDOC\Details\planter section AA.dwg



4 BELGIAN BLOCK PLANTER AT TREE PIT: TRANSVERSE SECTION
SCALE: 1/2"=1"
W:\20220214\CONDOC\Details\planter section BB.dwg



3 GRANITE BELGIAN BLOCK EDGING: LONGITUDINAL
SCALE: 1 1/2"=1"
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STREETSCAPE MISCELLANEOUS DETAILS

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

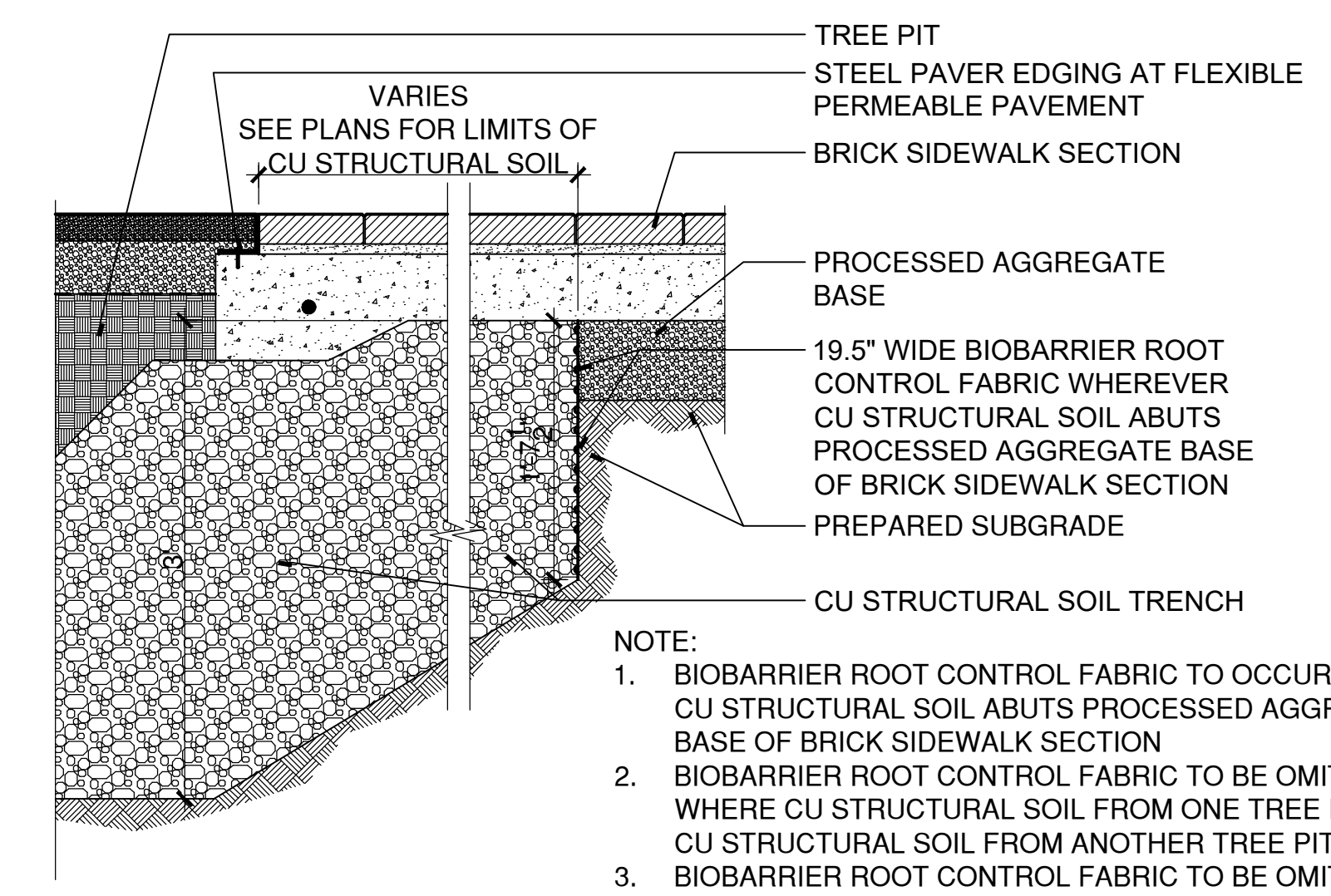


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229 CHURCH STREET
NAUGATUCK, CT 06770

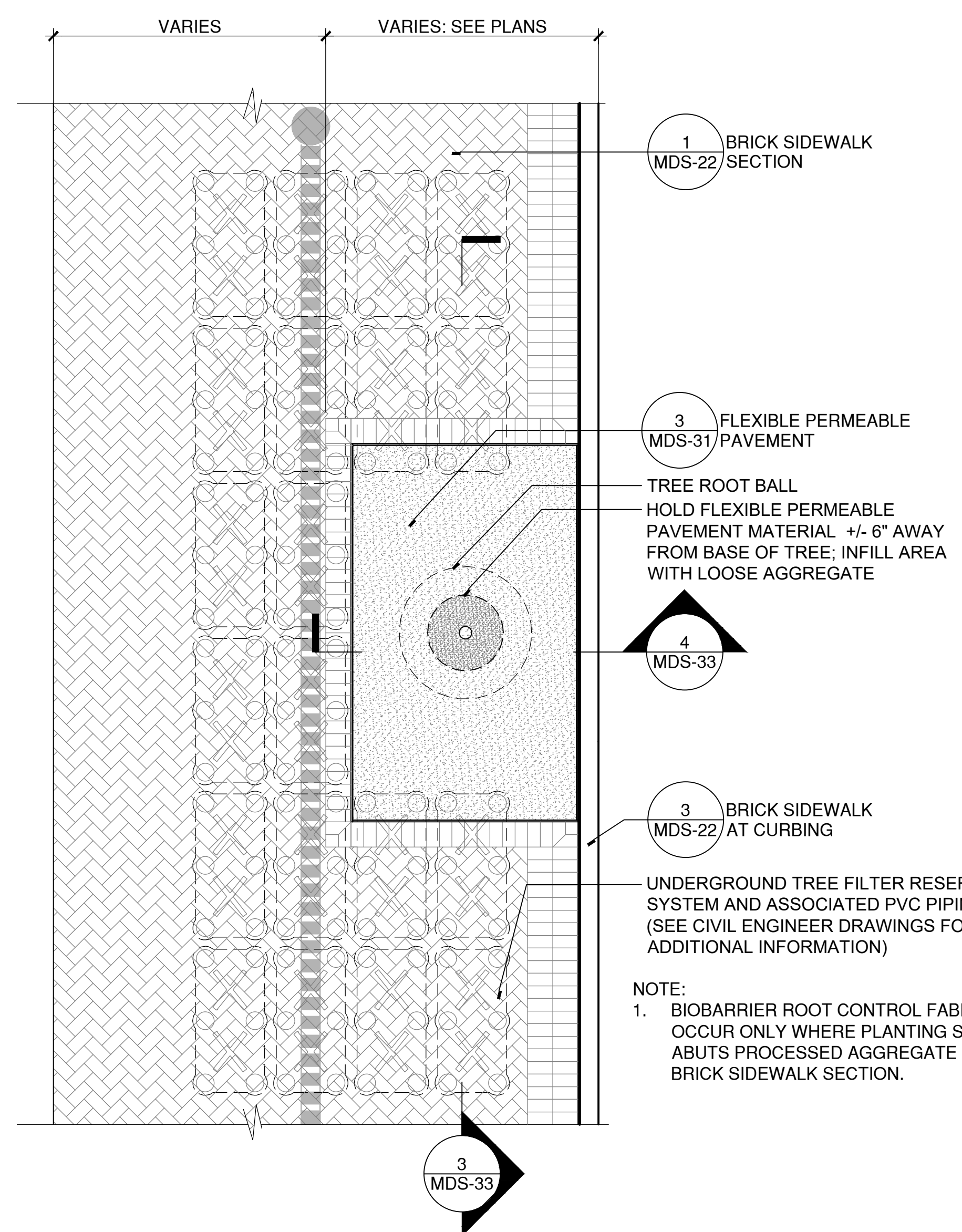
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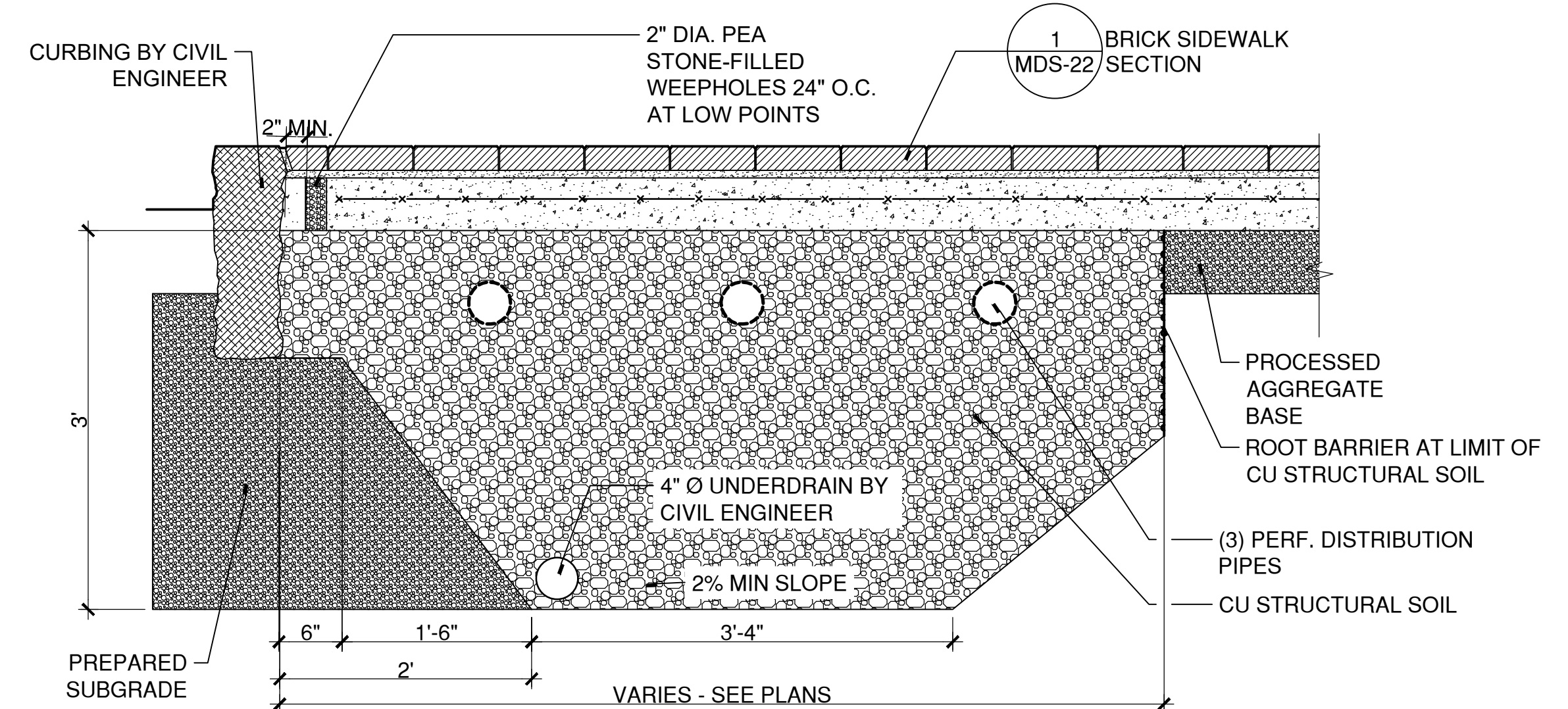
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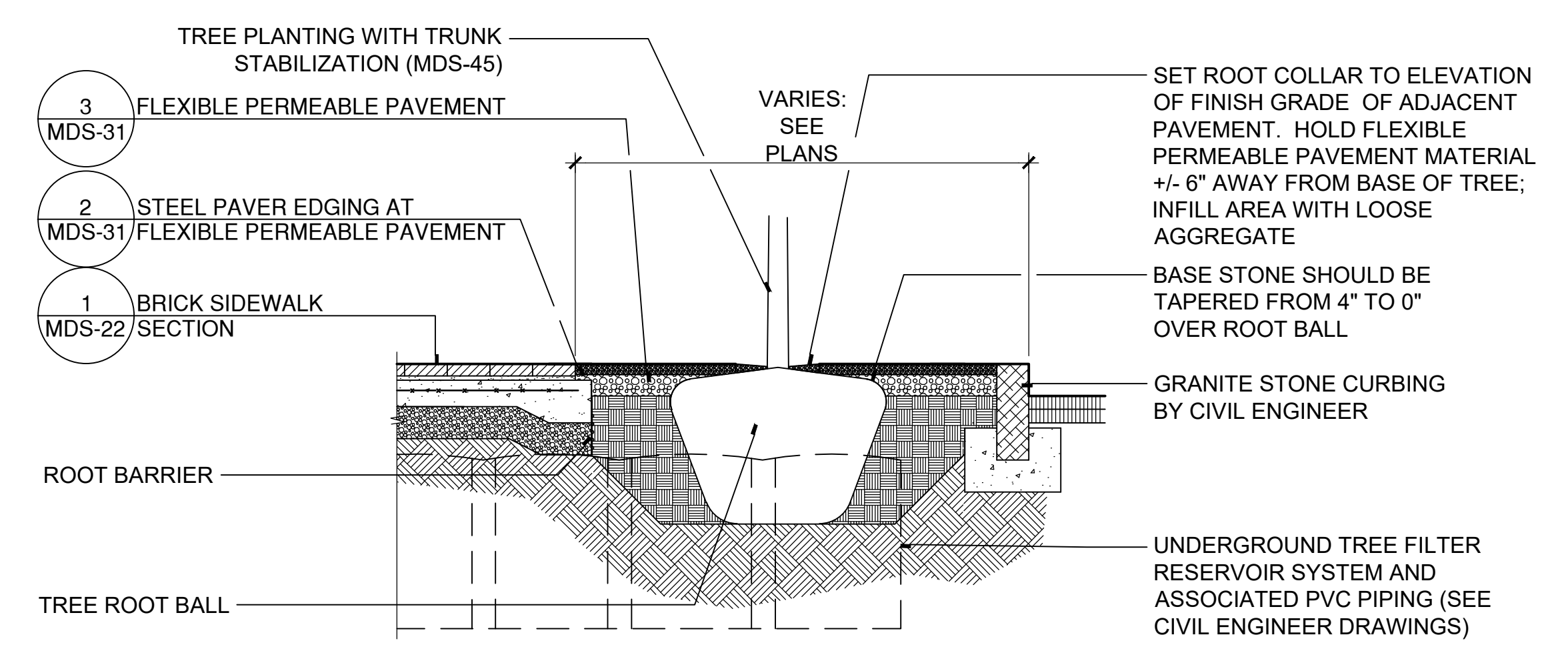
2 ROOT BARRIER AT LIMIT OF CU STRUCTURAL SOIL
SCALE: 1"=1'



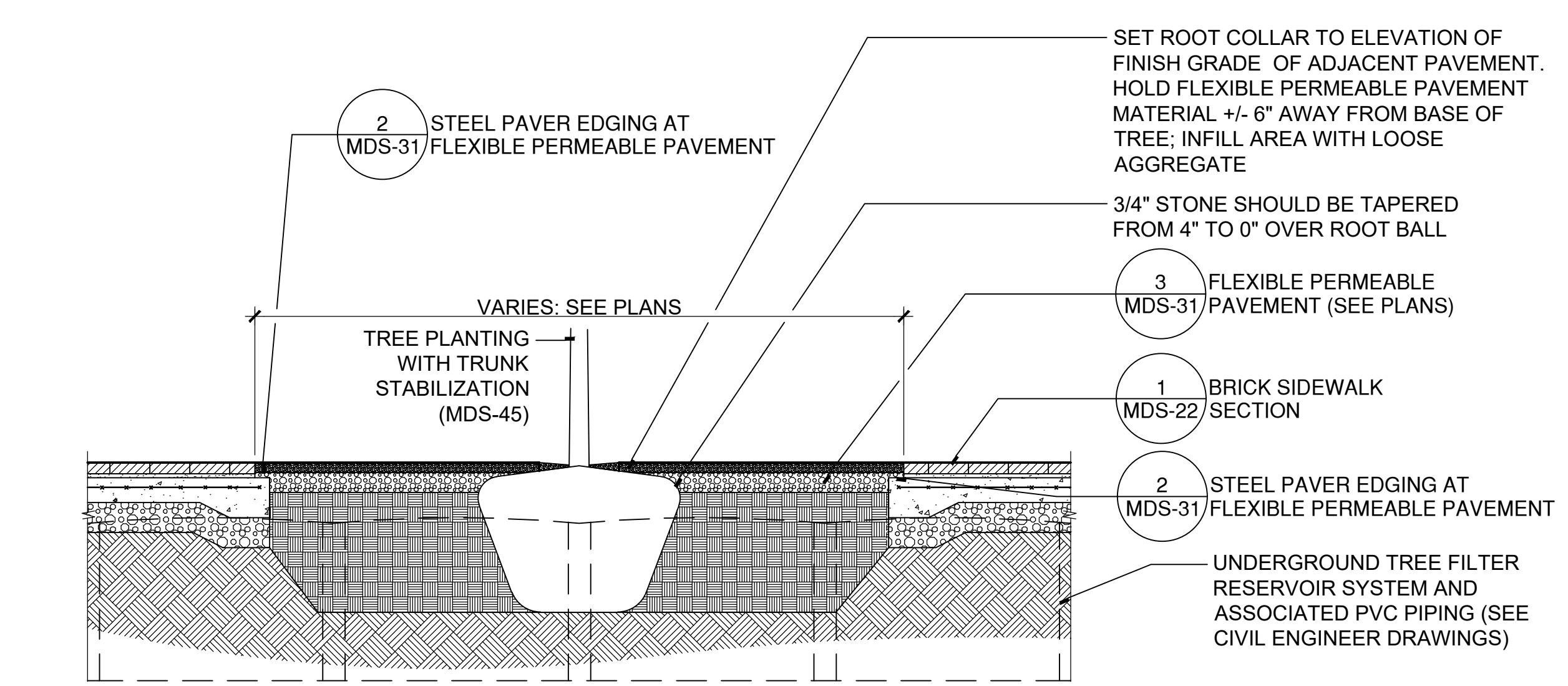
1 FLEXIBLE PERMEABLE PAVEMENT AT TREE PIT WITH FILTER
SCALE: 3/8"=1'



5 CU STRUCTURAL SOIL TRENCH
SCALE: 1"=1'



4 FLEXIBLE PERMEABLE PAVEMENT AT TREE FILTER: TRANSVERSE SECTION
SCALE: 1/2"=1'



3 FLEXIBLE PERMEABLE PAVEMENT AT TREE FILTER: LONGITUDINAL SECTION
SCALE: 1/2"=1'

PLOTTED: 6/28/2023 5:40 PM BY: mchale.nehr
CAD FILE: W:\2022\214\CONDOCI\Details\Flexi Pave at Tree Filter.dwg LAYOUT: MDS-33



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STREETSCAPE MISCELLANEOUS DETAILS

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

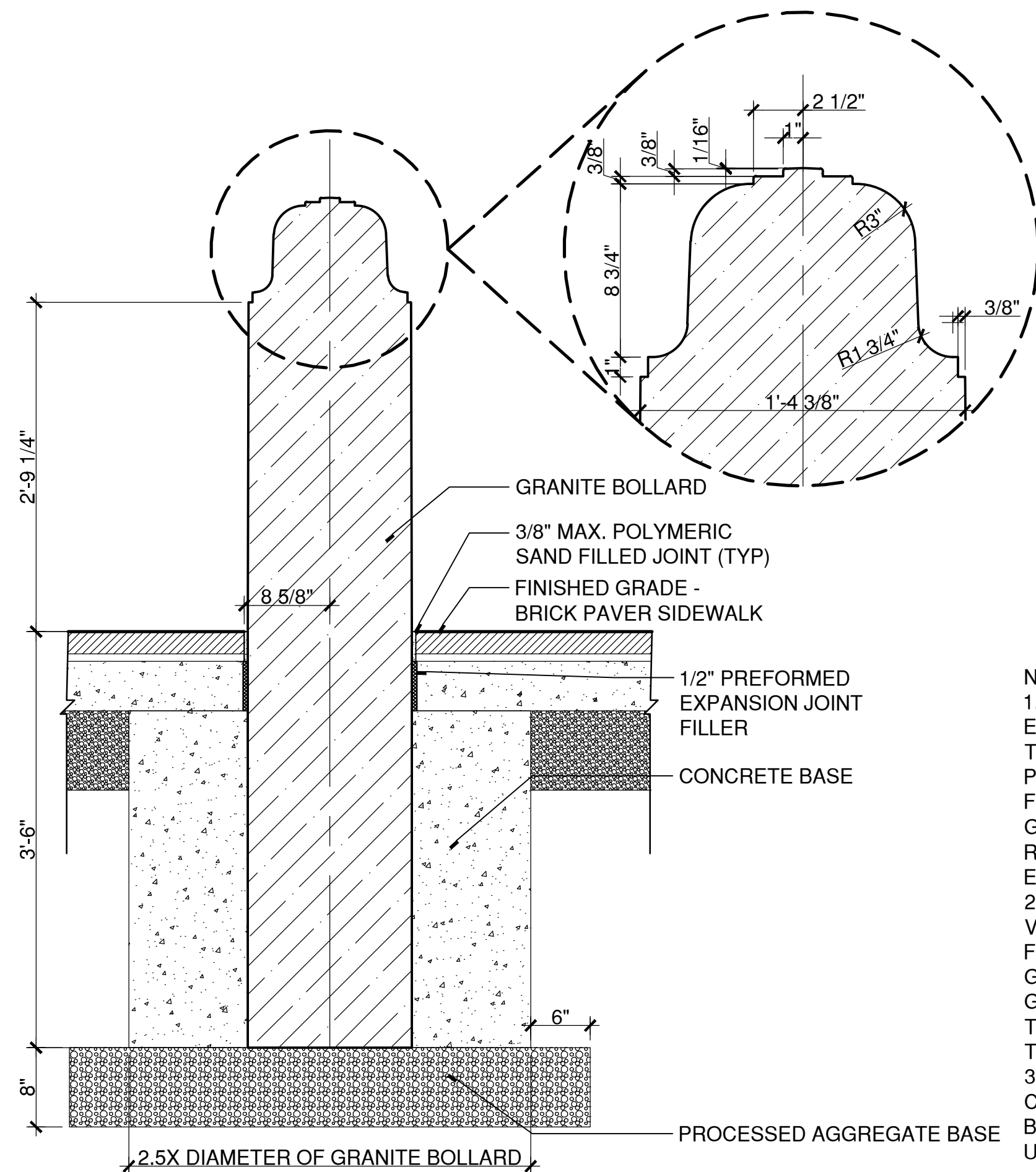


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

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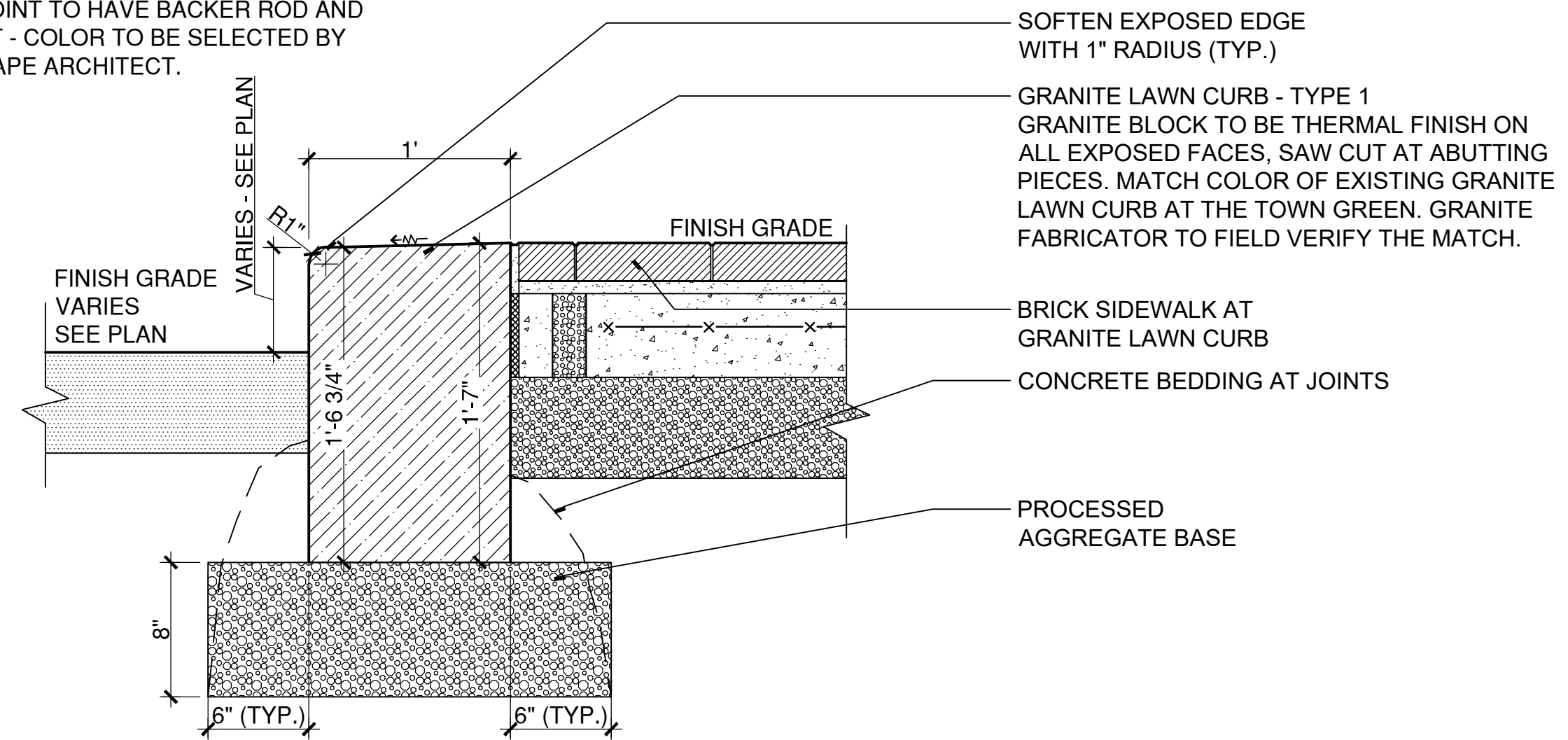


- NOTES:
1. GRANITE MATERIAL TO MATCH EXISTING GRANITE BOLLARDS AT THE TOWN GREEN. MATCH SAMPLE PROVIDED BY OWNER. GRANITE FABRICATOR TO FIELD VERIFY. GRANITE MATERIAL TO BE REVIEWED AND APPROVED BY THE ENGINEER.
 2. DIMENSIONS TO BE FIELD VERIFIED BY THE GRANITE FABRICATOR TO MATCH EXISTING GRANITE BOLLARDS AT THE TOWN GREEN AND TO BE CONFIRMED BY THE LANDSCAPE ARCHITECT PRIOR TO FABRICATION.
 3. NOTIFY ENGINEER OF ANY CONFLICTS BETWEEN CONCRETE BASE AND UNDERGROUND UTILITIES PRIOR TO INSTALLING.

4 GRANITE BOLLARD
SCALE: 1"=1'

GRANITE BOLLARD2.DWG

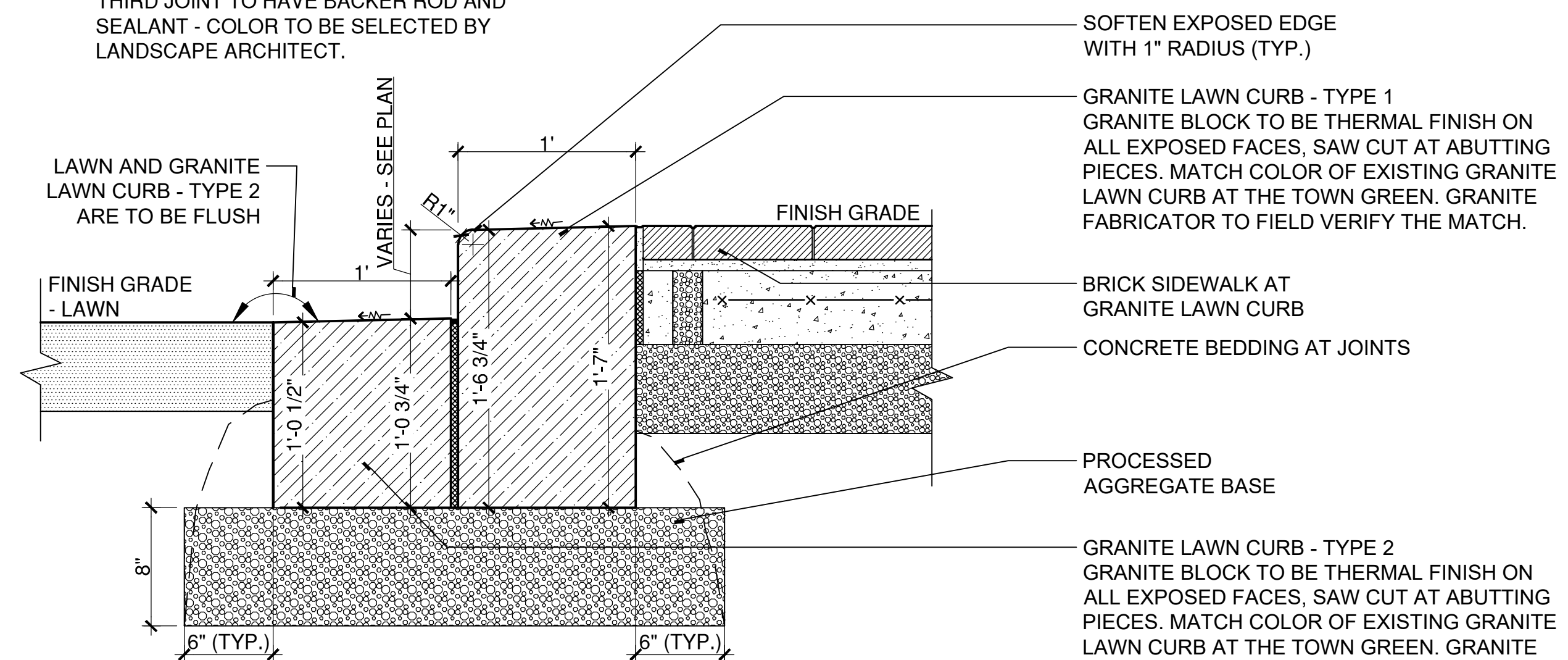
- NOTE:
1. CONTRACTOR TO PROVIDE SHOP DRAWINGS INCLUDING PLANS, SECTIONS, AND DETAILS FOR EACH GRANITE LAWN CURB PIECE TO BE FABRICATED.
 2. ALL JOINTS BETWEEN LAWN CURB PIECES TO BE HALF INCH MORTAR JOINT WITH EVERY THIRD JOINT TO HAVE BACKER ROD AND SEALANT - COLOR TO BE SELECTED BY LANDSCAPE ARCHITECT.



2 GRANITE LAWN CURB - STRAIGHT
SCALE: 1 1/2" = 1'

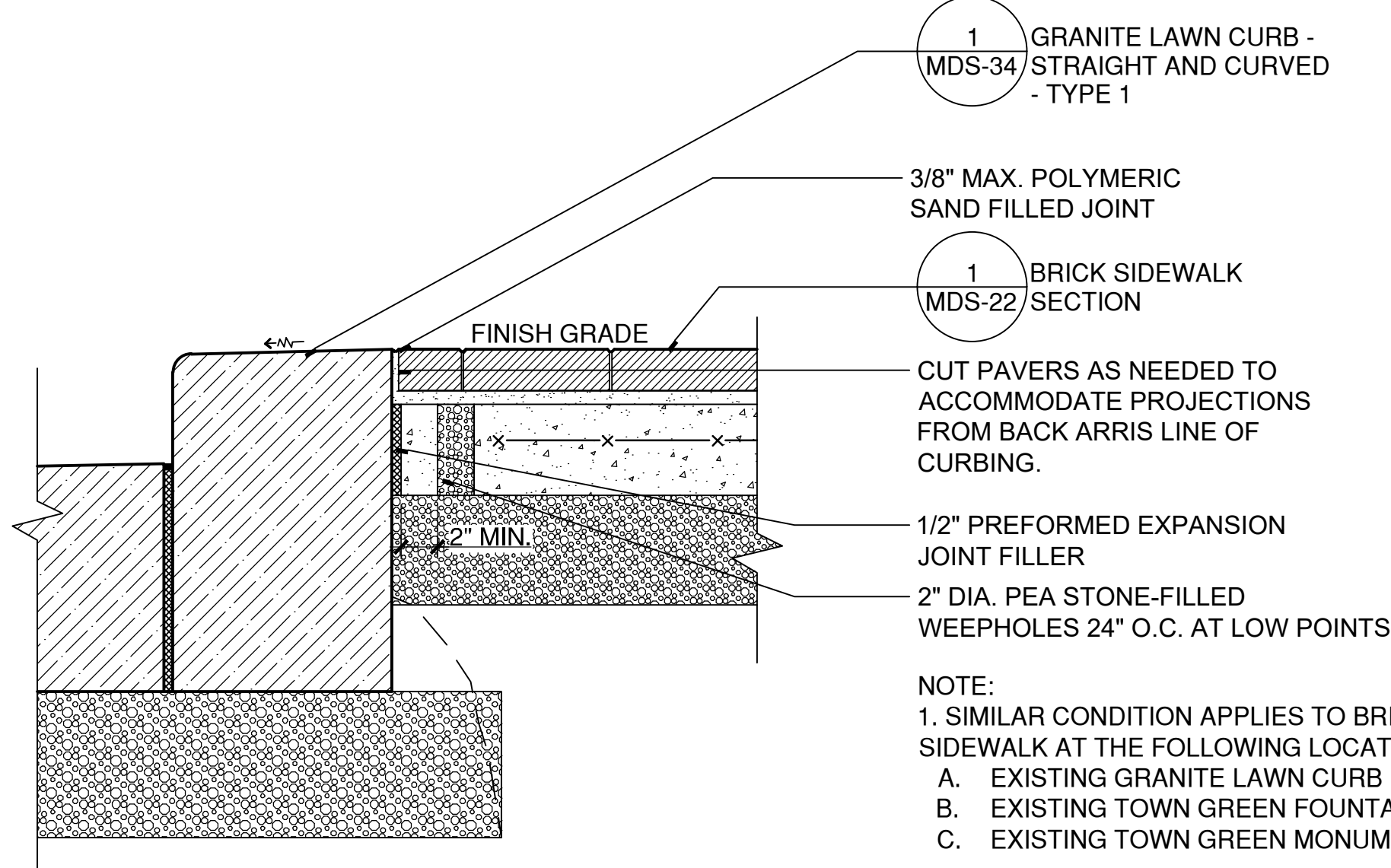
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- NOTE:
1. CONTRACTOR TO PROVIDE SHOP DRAWINGS INCLUDING PLANS, SECTIONS, AND DETAILS FOR EACH GRANITE LAWN CURB PIECE TO BE FABRICATED.
 2. ALL JOINTS BETWEEN LAWN CURB PIECES TO BE HALF INCH MORTAR JOINT WITH EVERY THIRD JOINT TO HAVE BACKER ROD AND SEALANT - COLOR TO BE SELECTED BY LANDSCAPE ARCHITECT.



1 GRANITE LAWN CURB - CURVED
SCALE: 1 1/2" = 1'

W:\2022021\4CONDOC\Details\Granite Lawn Curb.dwg



- NOTE:
1. SIMILAR CONDITION APPLIES TO BRICK SIDEWALK AT THE FOLLOWING LOCATIONS:
 - A. EXISTING GRANITE LAWN CURB
 - B. EXISTING TOWN GREEN FOUNTAIN BASE
 - C. EXISTING TOWN GREEN MONUMENT BASE

3 BRICK SIDEWALK AT GRANITE LAWN CURB
SCALE: 1 1/2" = 1'

W:\2022021\4CONDOC\Details\Brick Sidewalk at Granite Lawn Curb.dwg



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STREETSCAPE MISCELLANEOUS DETAILS

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BOROUGH OF NAUGATUCK

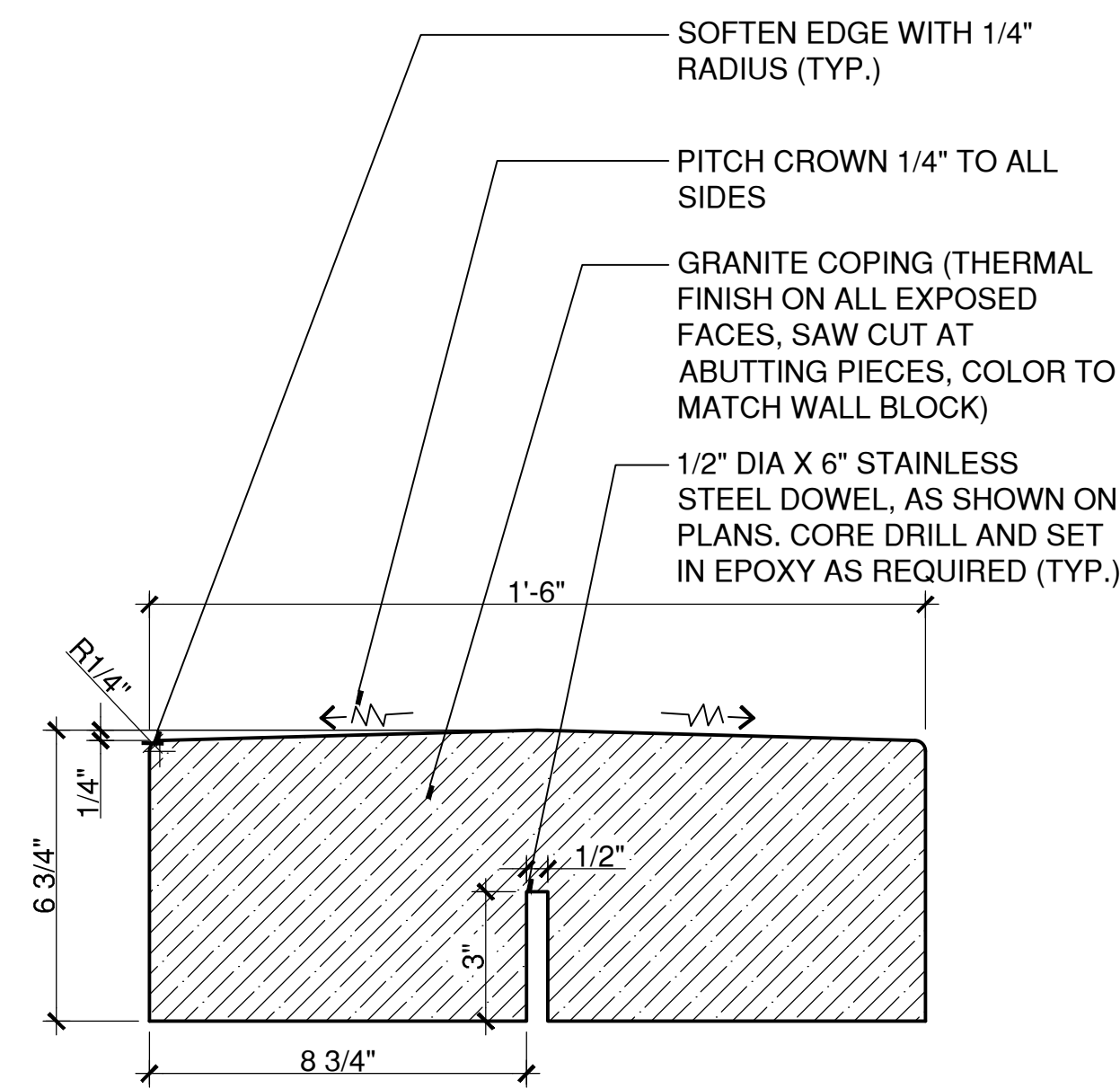


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229 CHURCH STREET
NAUGATUCK, CT 06770

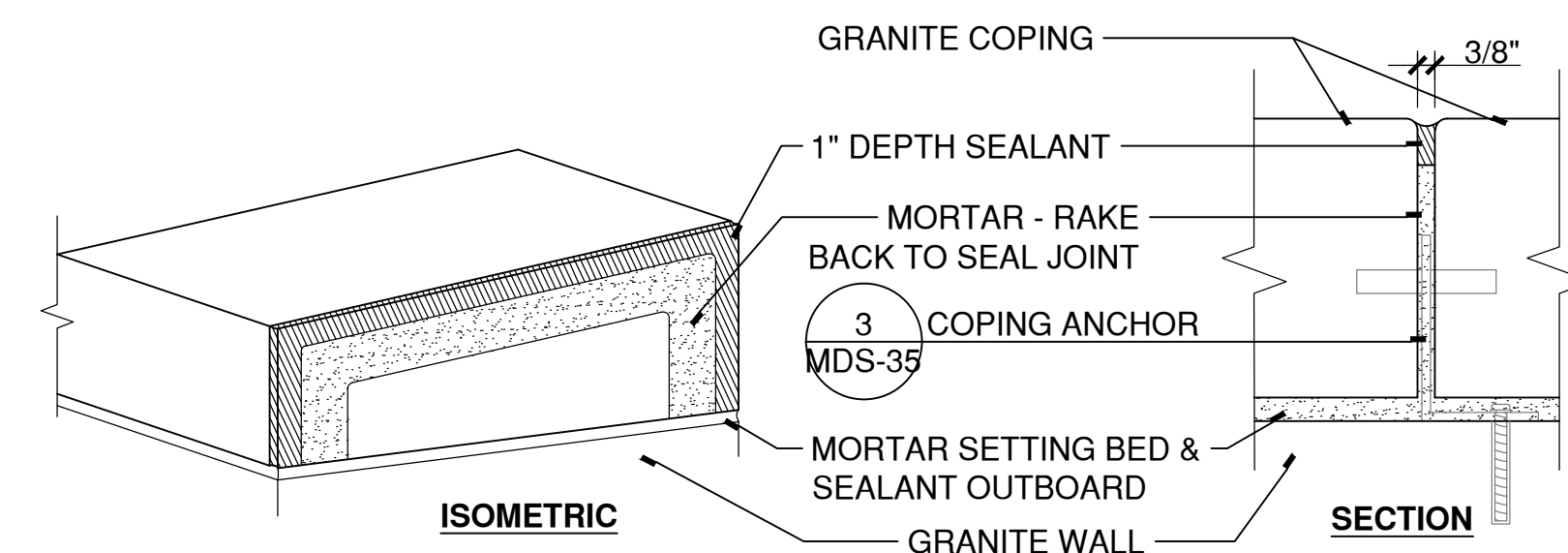
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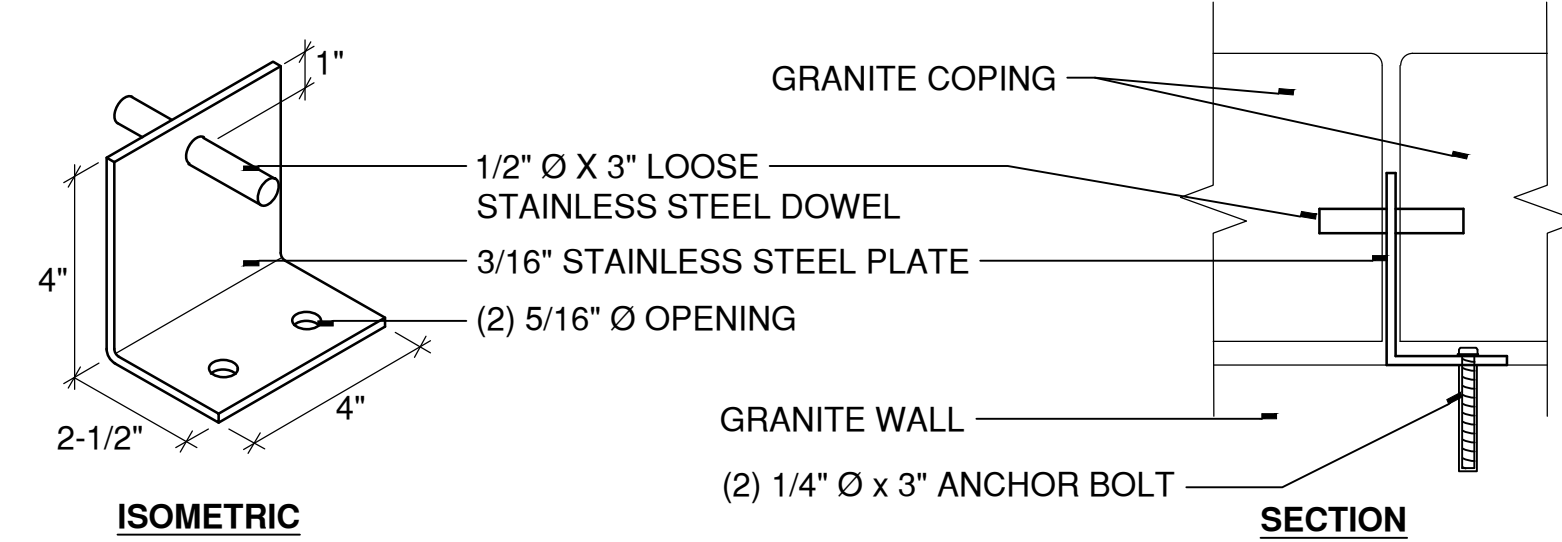
MDS-35



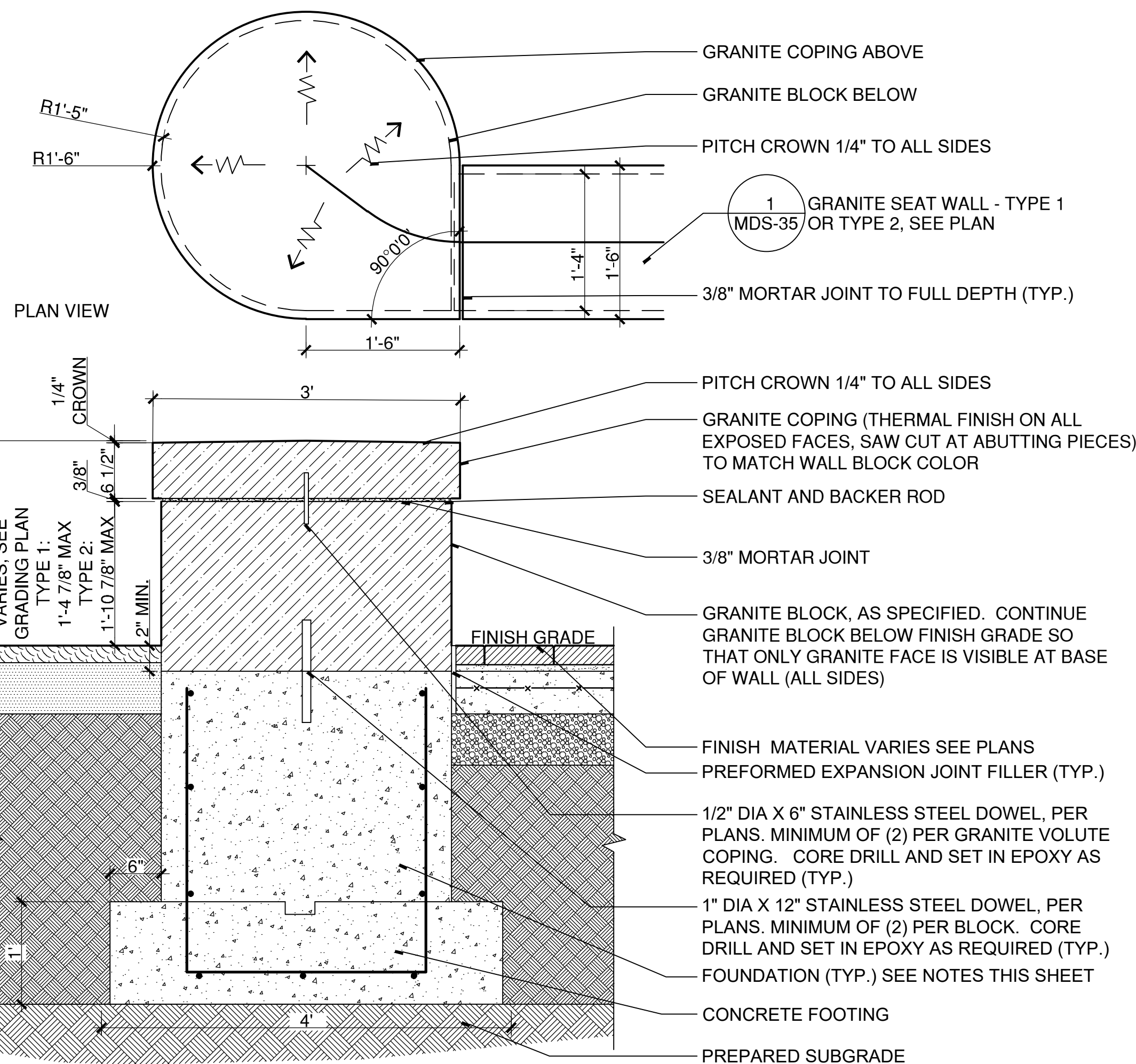
5 GRANITE SEAT WALL COPING - TYPE 1
SCALE: 3"=1'
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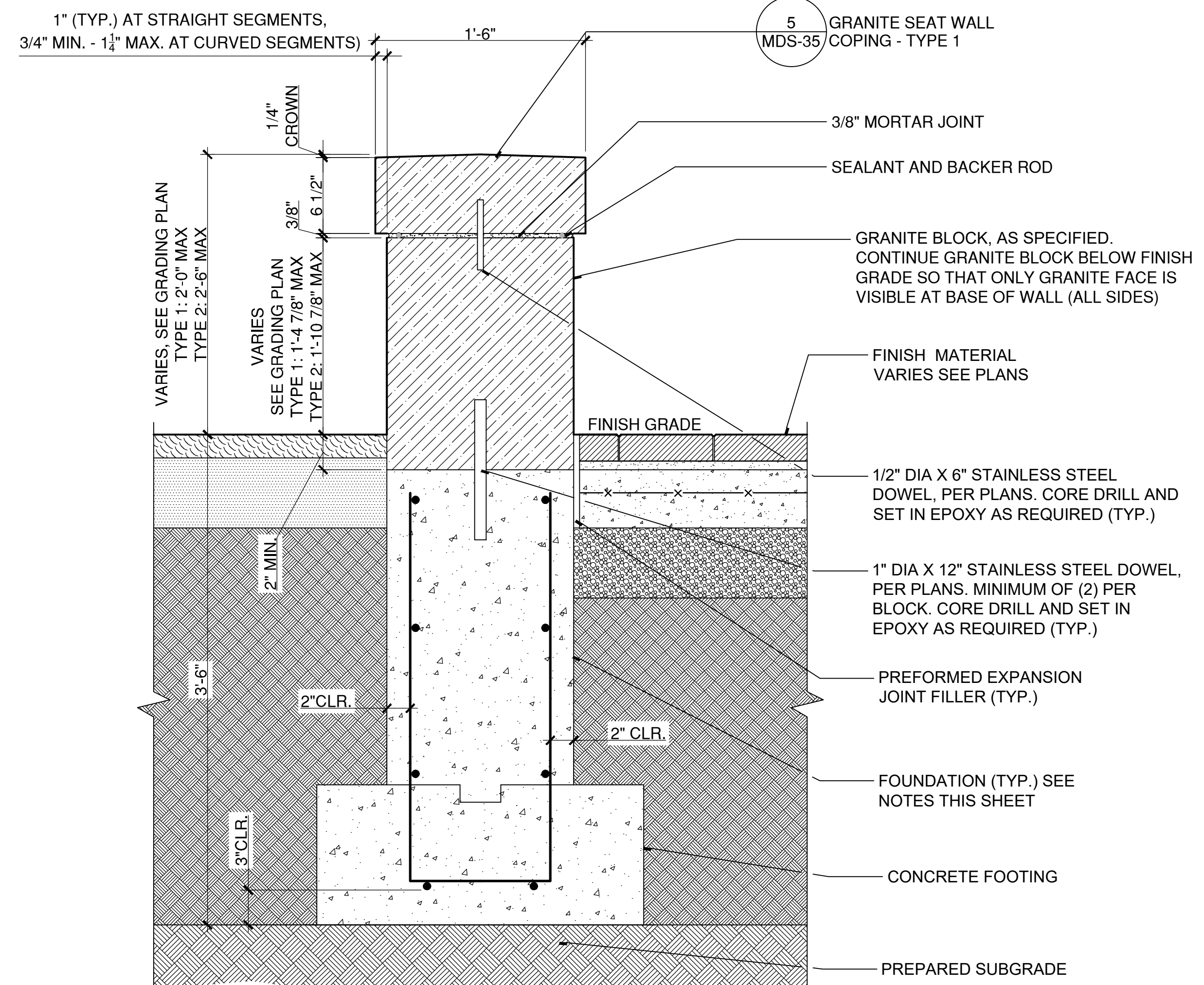
4 COPING JOINT
NTS
CopingJoint-anchor.dwg



3 COPING ANCHOR
NTS
CopingJoint-anchor.dwg



2 GRANITE SEAT WALL - VOLUTE - TYPE 1 & TYPE 2
SCALE: 1"=1'
W:\20220214\CONDOCC\DETAILS\Granitevolute.dwg



1 GRANITE SEAT WALL - STRAIGHT AND CURVED TYPE 1 & TYPE 2
SCALE: N.T.S.
W:\20220214\CONDOCC\Details\GraniteSeatwall1.dwg



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ORIGINAL DRAWING SIZE IS 22 x 34

STREETSCAPE MISCELLANEOUS DETAILS

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

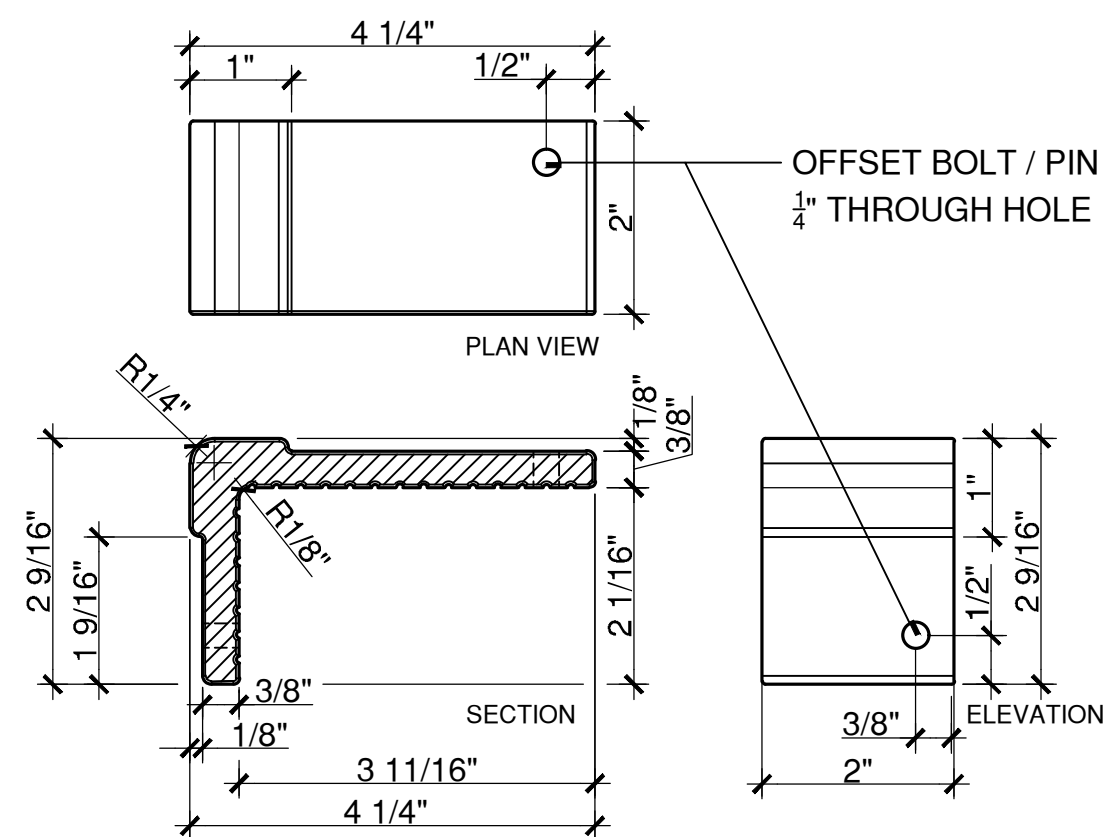


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	MAC/GJG
DRAWN BY	REM/GJL
CHECKED BY	GJG
APPROVED BY	MAC

MDS-36



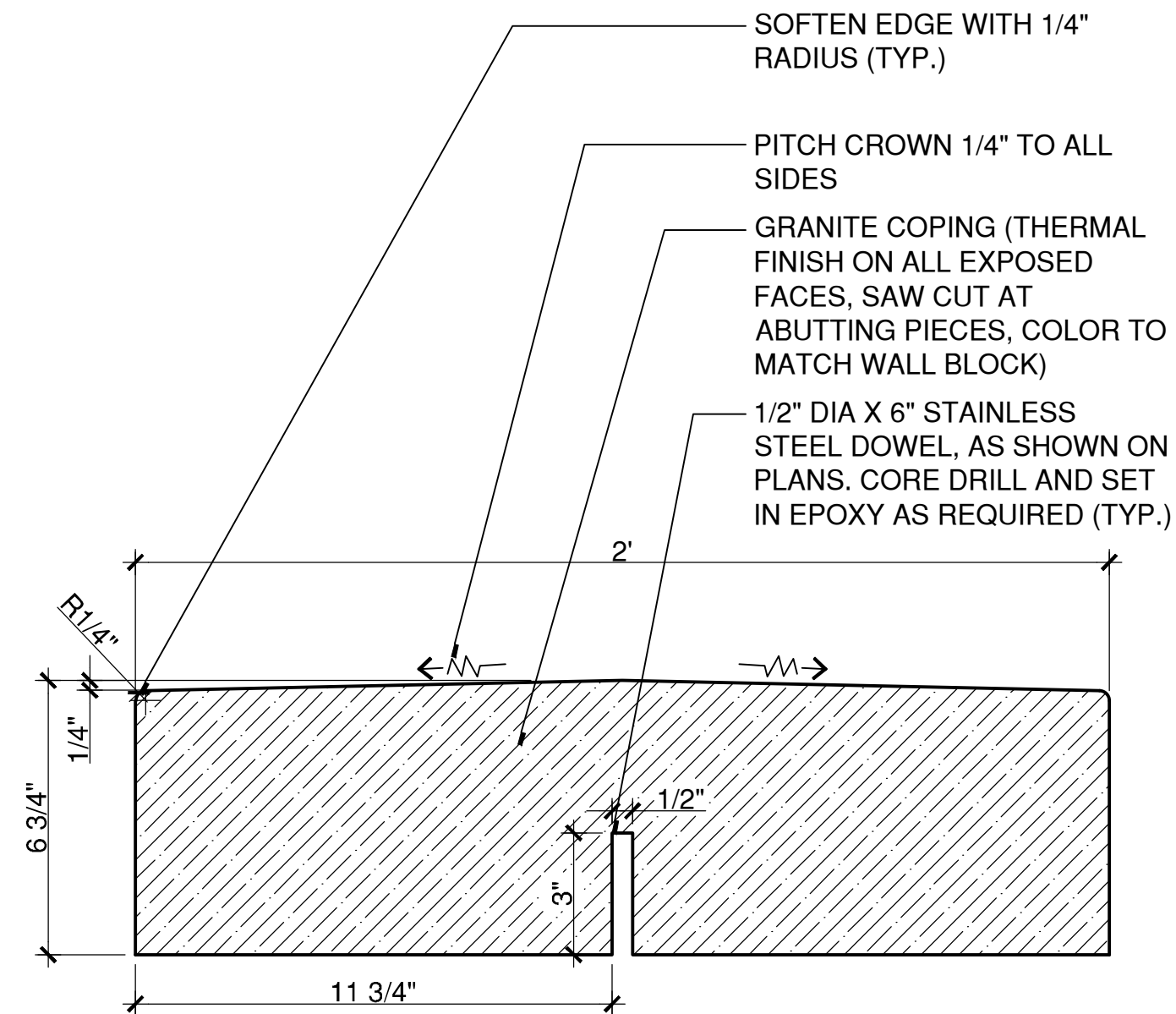
MATERIAL: SOLID ALUMINUM
FINISH: IRIDITE CLEAR COAT
ANCHORING: ALUM. BOLT / PIN WITH TWO-PART IMPACT RESISTANCE EPOXY

NOTE: PROVIDE ALUMINUM RAISED BLOCK ANTI-SKATEBOARD GUARDS, AS SHOWN ON PLANS ANCHOR WITH PROVIDED PINS IN CONJUNCTION WITH A TWO-PART IMPACT RESISTANT EPOXY

4 ANTI-SKATEBOARD GUARD

SCALE: 6"=1'

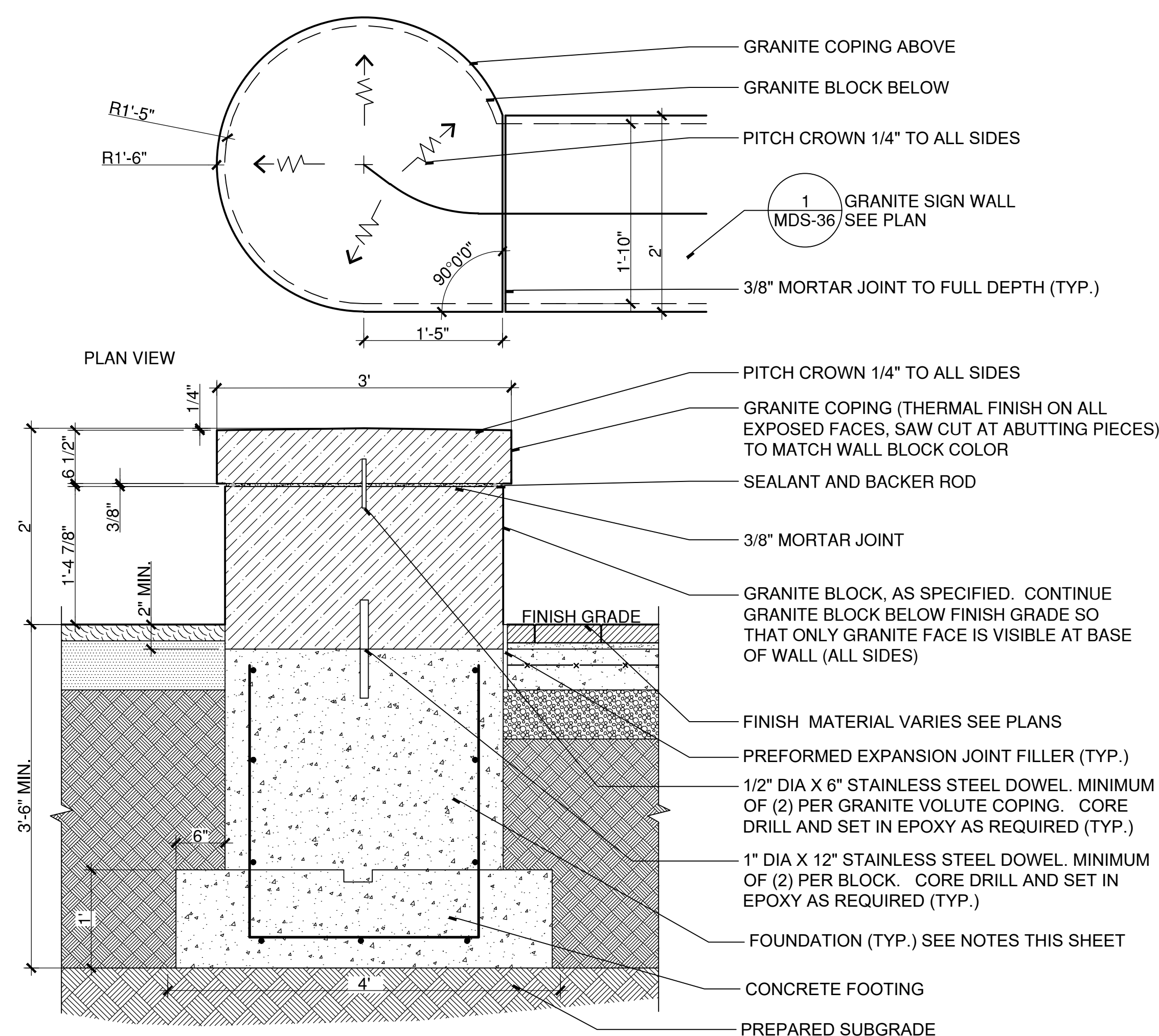
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3 GRANITE SIGN WALL COPING

SCALE: 3"=1'

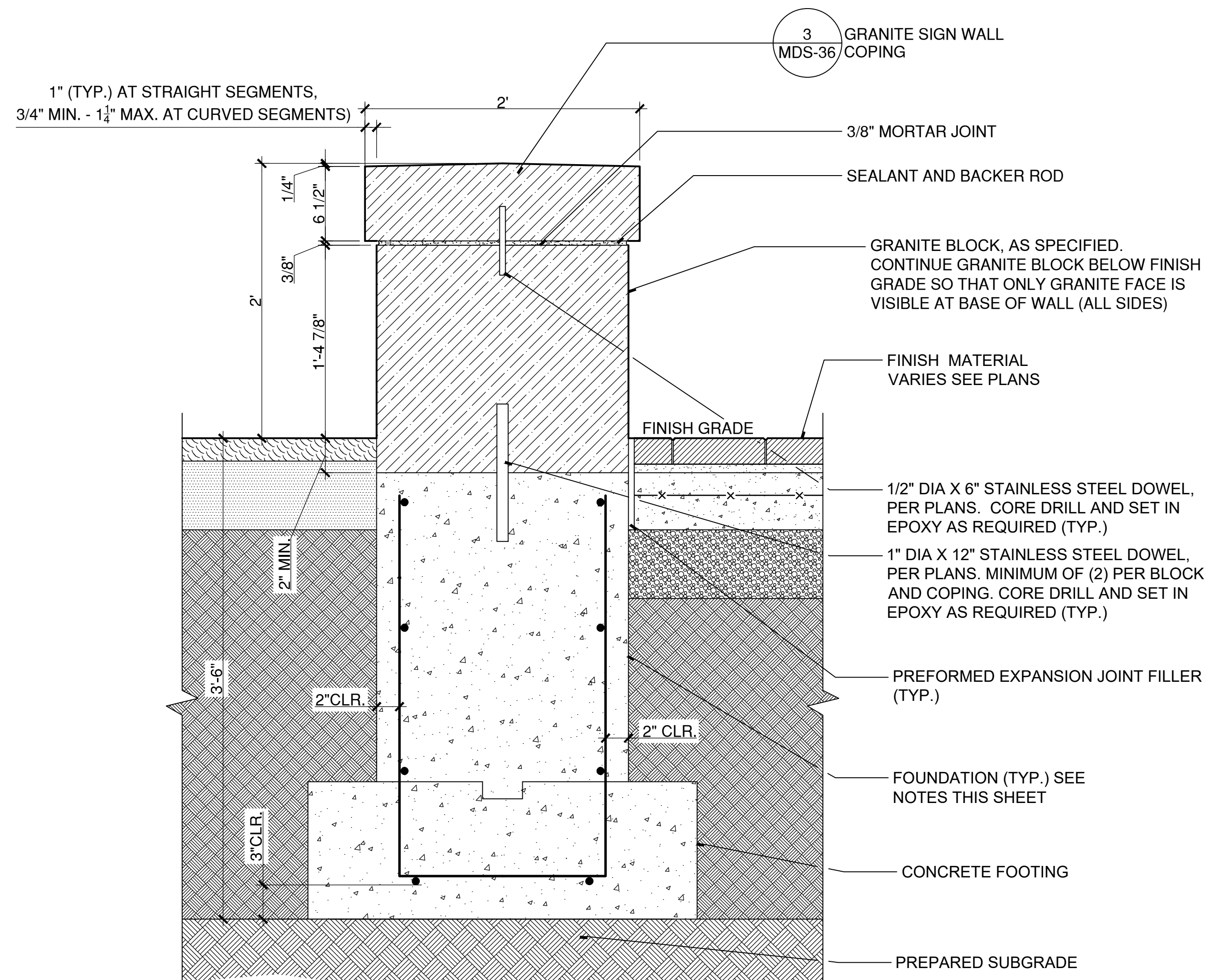
W:\2022\2021\4CONDOCD\DETAILS\Granite COPING2.dwg



2 GRANITE SIGN WALL - VOLUTE

SCALE: 1"=1'

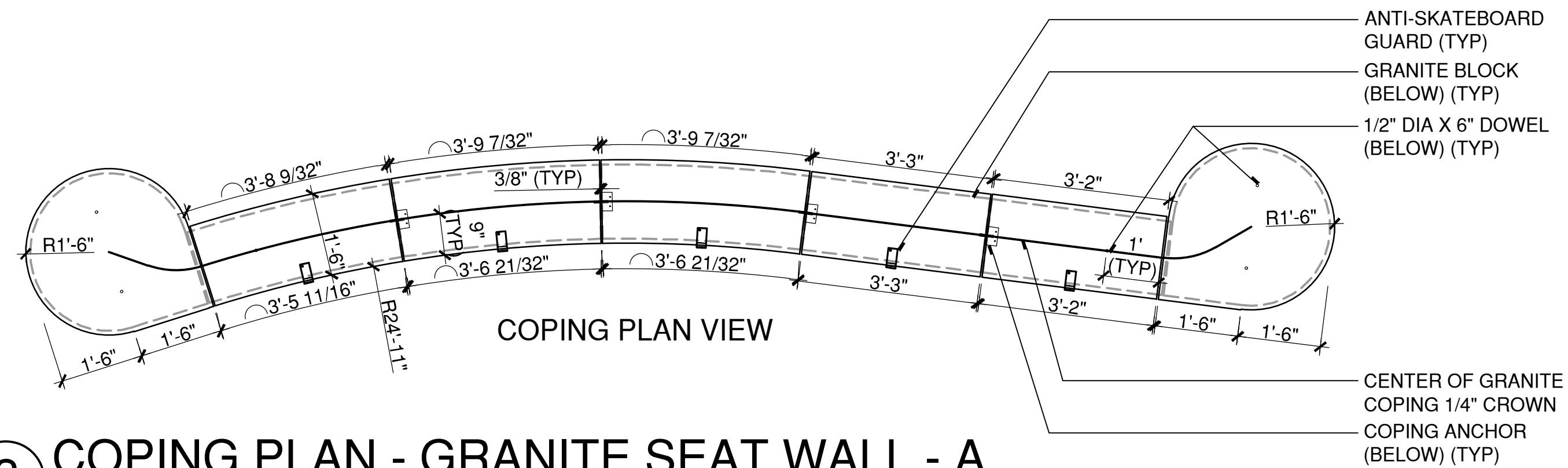
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1 GRANITE SIGN WALL - STRAIGHT AND CURVED

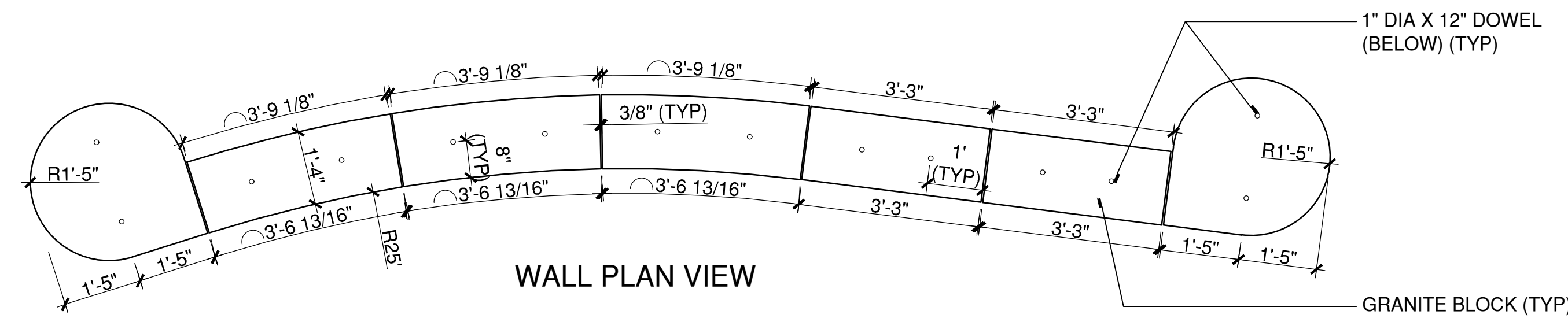
SCALE: N.T.S.

W:\2022\2021\4CONDOCD\DETAILS\GraniteSeatwall2.dwg



3 COPING PLAN - GRANITE SEAT WALL - A
SCALE: 1/2"=1'

W:\2022\214CONDOCC\DETAILS\GraniteSeatWall - Profile A.dwg



2 WALL PLAN - GRANITE SEAT WALL - A
SCALE: 1/2"=1'

W:\2022\214CONDOCC\DETAILS\GraniteSeatWall - Profile A.dwg

DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE
		DWN	APP	

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION
THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING
0 1"
IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

ORIGINAL DRAWING SIZE IS 22 x 34

STREETSCAPE MISCELLANEOUS DETAILS

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

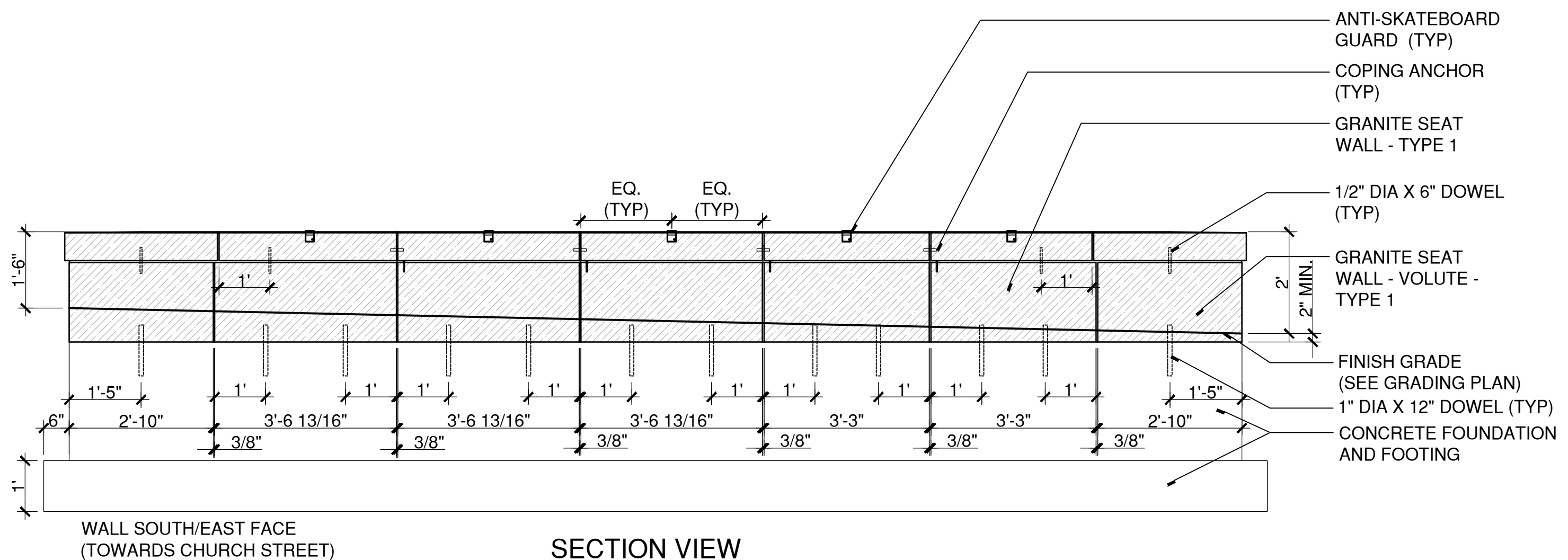


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

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APPROVED BY	MAC

MDS-37



1 PROFILE - GRANITE SEAT WALL - A
SCALE: 1/2"=1'

W:\2022\214CONDOCC\DETAILS\GraniteSeatWall - Profile A.dwg

- GRANITE SEAT WALL NOTES:**
- ALL GRANITE SEAT WALL PLANS AND ELEVATIONS ARE ILLUSTRATIVE ONLY.
 - CONTRACTOR TO PROVIDE SHOP DRAWINGS INCLUDING PLANS, ELEVATIONS, SECTIONS AND DETAILS FOR GRANITE SEAT WALLS AND GRANITE VOLUTES.
 - FOUNDATIONS AND FOOTINGS ARE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. CONTRACTOR TO PROVIDE DELEGATED DESIGN FOR FOUNDATIONS AND FOOTINGS INCLUDING ANALYSIS DATA SIGNED AND SEALED BY A QUALIFIED PROFESSIONAL ENGINEER, LICENSED IN THE STATE OF CONNECTICUT.
 - ALL GRANITE BLOCK AND GRANITE COPING TO BE FABRICATED TO TRUE RADIUS AS INDICATED ON THE DRAWINGS, NOT STRAIGHT SEGMENTS.
 - ALL JOINTS IN GRANITE BLOCK AND GRANITE COPING ARE TO BE VERTICAL AND 3/8" MORTAR FILLED JOINTS.
 - BRING FINISH GRADE DIRECTLY AGAINST GRANITE BASE; PROTECT FINISH FACE WITH POLY-SHEATHING AND LEAVE IN PLACE BELOW GRADE TO ACT AS BOND BREAK. CONTRACTOR IS RESPONSIBLE FOR CAREFULLY REMOVING EXPOSED PORTION OF POLY-SHEATHING IN ORDER TO MAKE IT NON-VISIBLE IN FINISHED PRODUCT.



DRAWING ISSUE

REV	DESCRIPTION	DATE

REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

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STREETSCAPE MISCELLANEOUS DETAILS

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



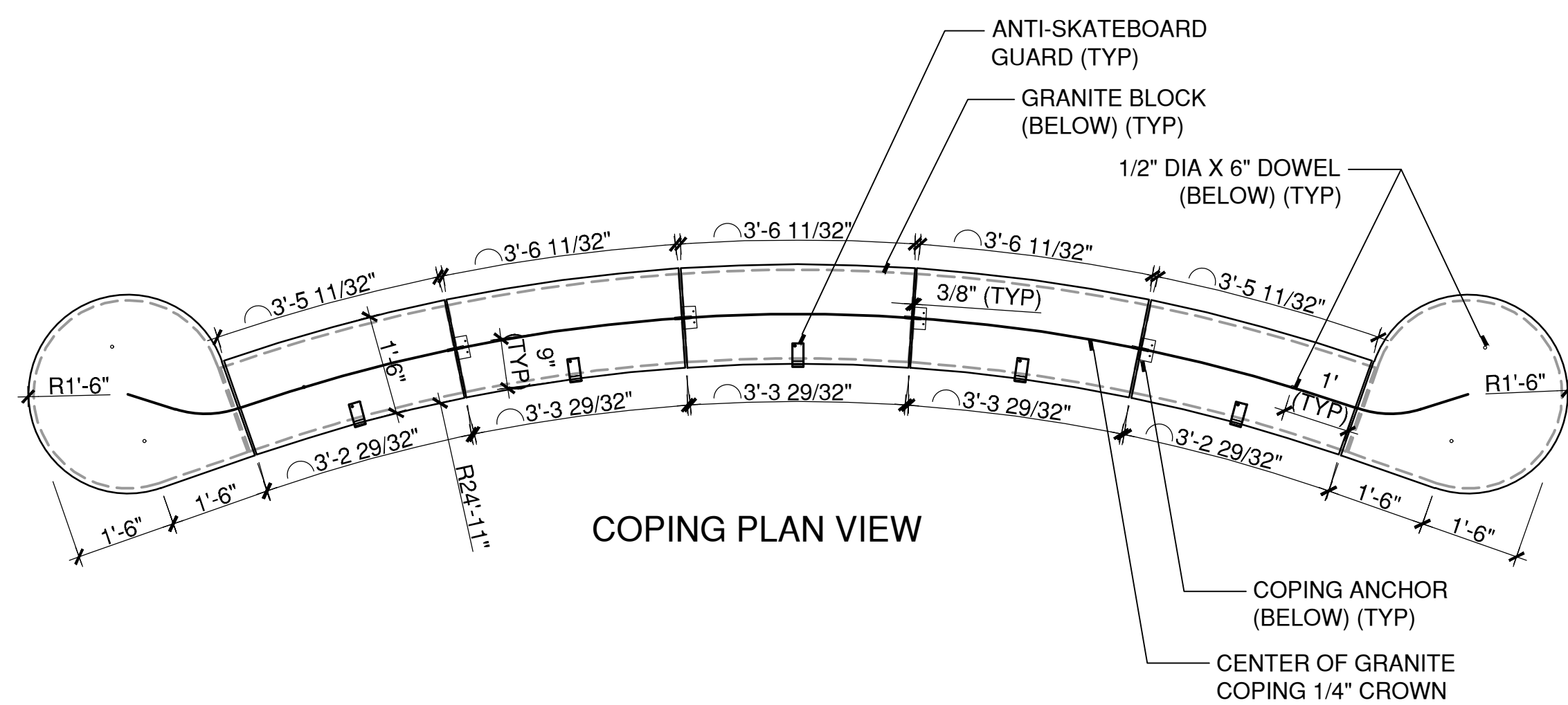
BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

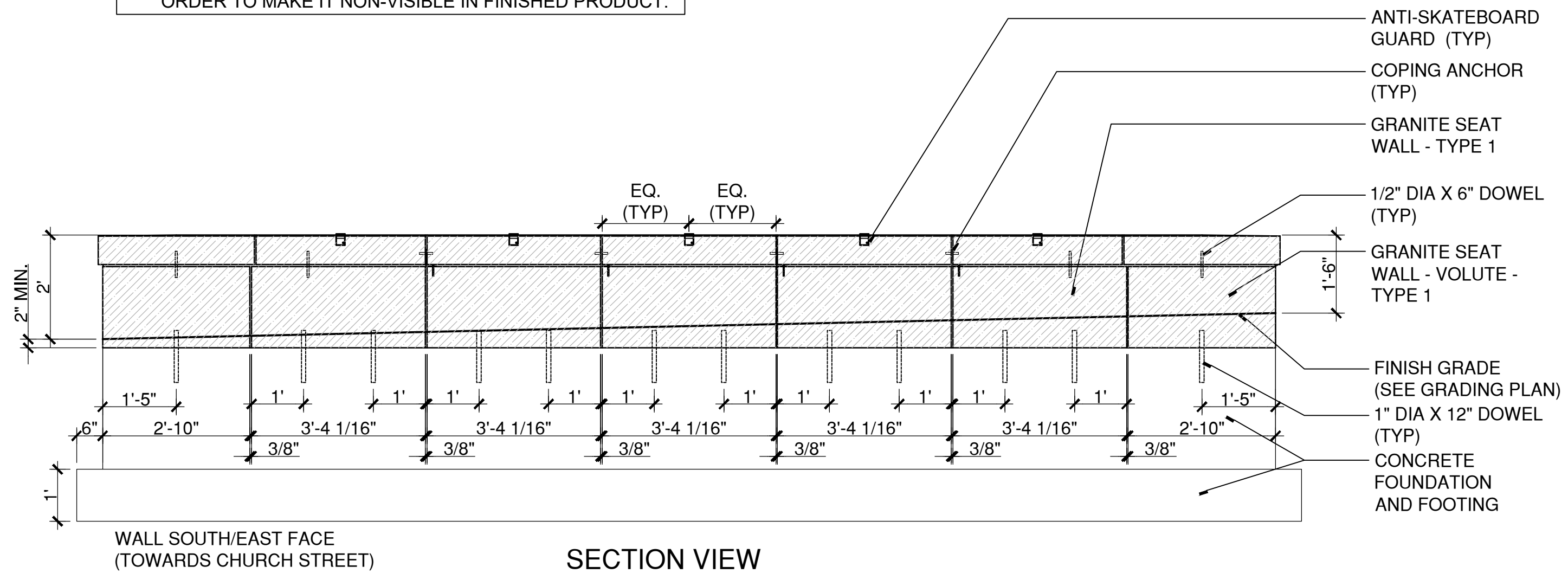
PROJECT NO.	20225069.002A
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CHECKED BY	GJG
APPROVED BY	MAC

MDS-38

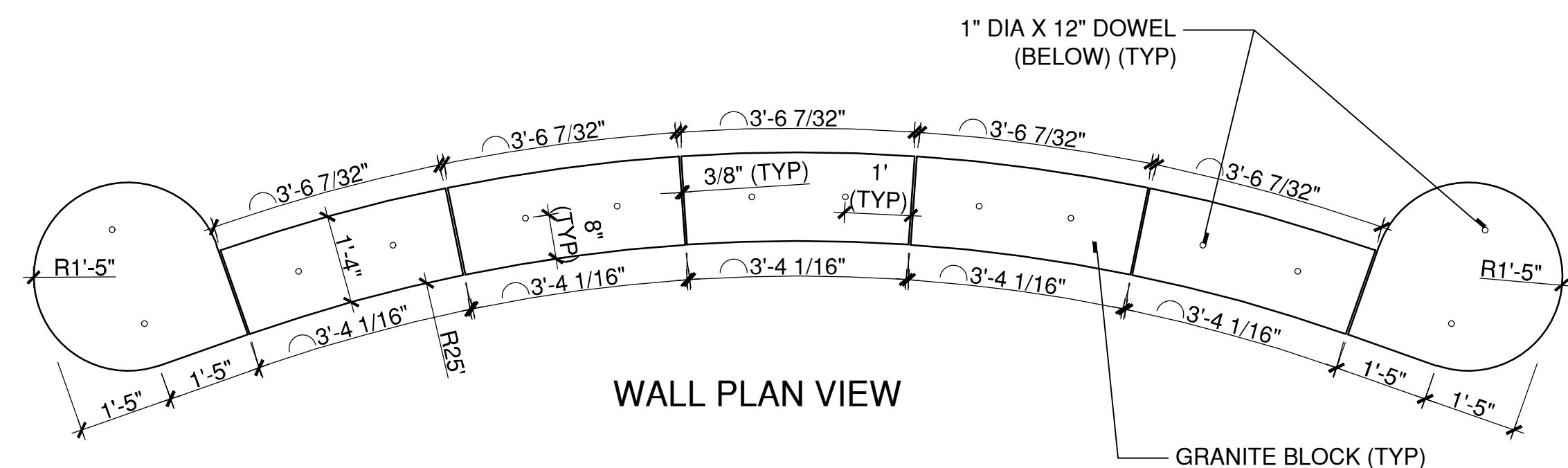
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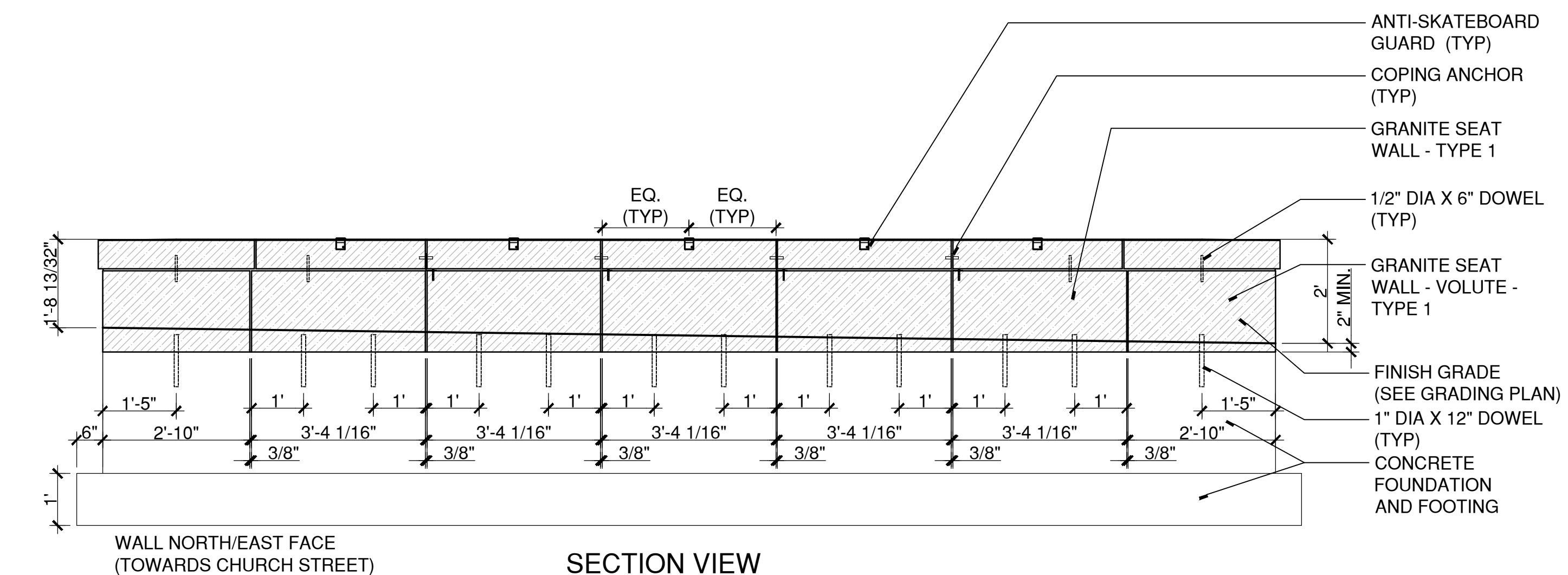
4 COPING PLAN - GRANITE SEAT WALL - B & C
SCALE: 1/2"=1'
W:\2022\2021\4CONDOCC\DETAILS\GraniteSeatWall - Profile B&C.dwg



2 PROFILE - GRANITE SEAT WALL - B
SCALE: 1/2"=1'
W:\2022\2021\4CONDOCC\DETAILS\GraniteSeatWall - Profile B&C.dwg

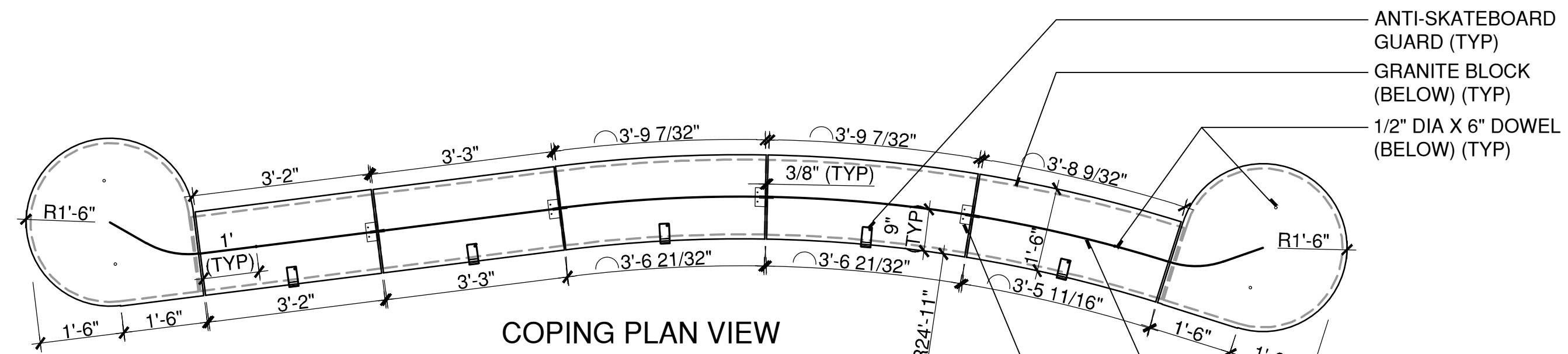


3 WALL PLAN - GRANITE SEAT WALL - B & C
SCALE: 1/2"=1'
W:\2022\2021\4CONDOCC\DETAILS\GraniteSeatWall - Profile B&C.dwg



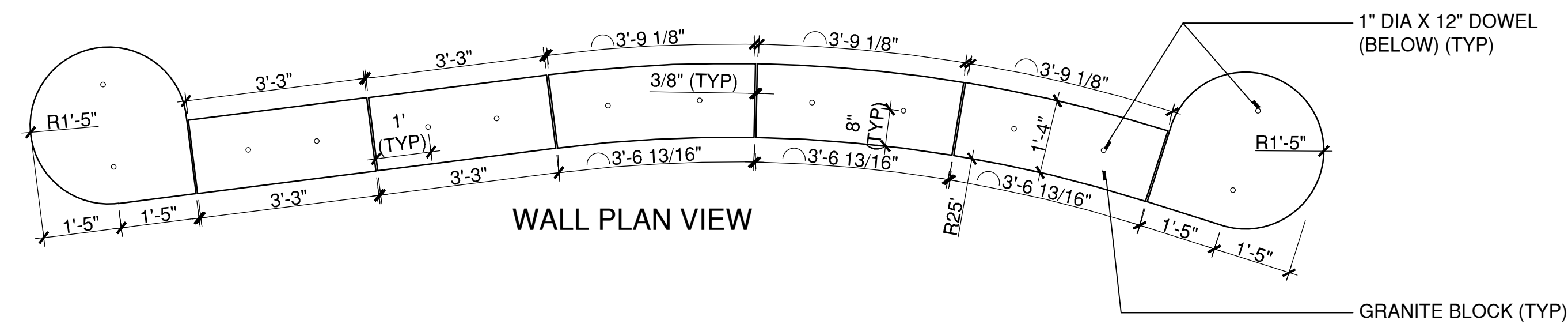
1 PROFILE - GRANITE SEAT WALL - C
SCALE: 1/2"=1'
W:\2022\2021\4CONDOCC\DETAILS\GraniteSeatWall - Profile B&C.dwg

PLOTTED: 6/28/2023 5:40 PM BY: michale.nehr
CAD FILE: W:\2022\2021\4CONDOCC\DETAILS\2021MDS-38.dwg LAYOUT: MDS-38



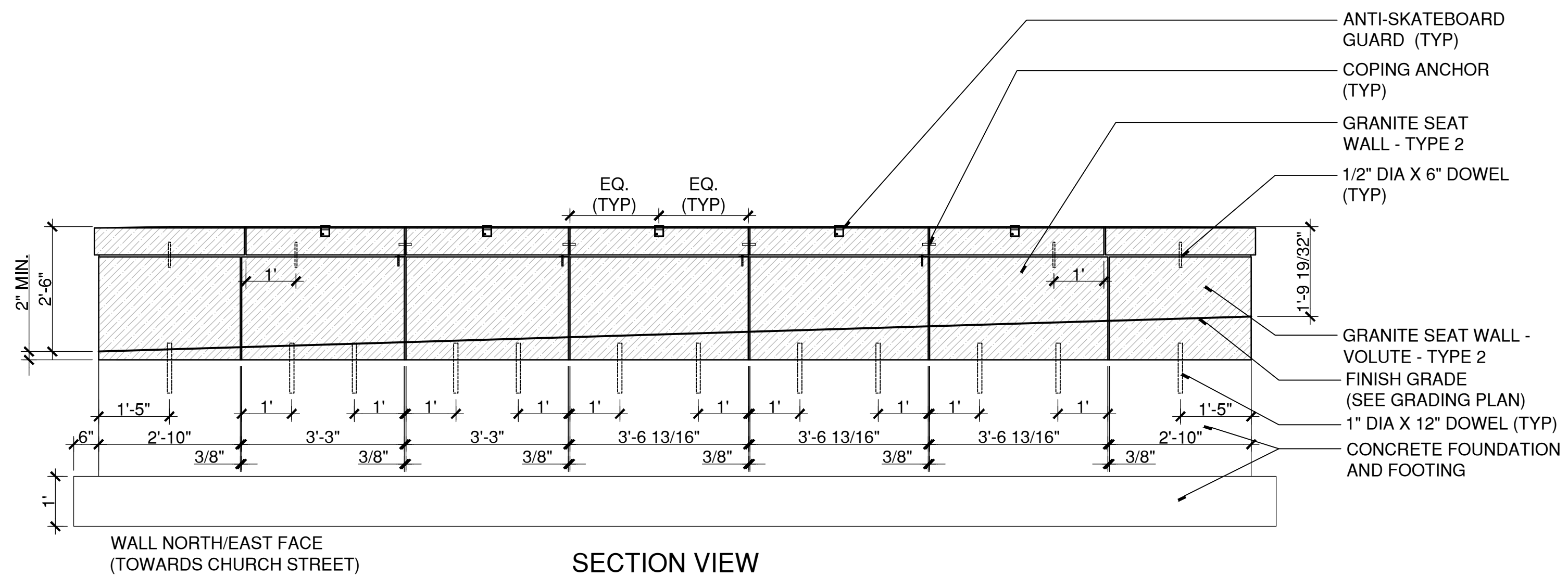
3 COPING PLAN - GRANITE SEAT WALL - D
SCALE: 1/2"=1'

W:\2022\2021\4CONDOCD\DETAILS\GraniteSeatWall - Profile D.dwg



2 WALL PLAN - GRANITE SEAT WALL - D
SCALE: 1/2"=1'

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1 PROFILE - GRANITE SEAT WALL - D
SCALE: 1/2"=1'

W:\2022\2021\4CONDOCD\DETAILS\GraniteSeatWall - Profile D.dwg

GRANITE SEAT WALL NOTES:

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DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION

THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING



IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

ORIGINAL DRAWING SIZE IS 22 x 34

STREETSCAPE MISCELLANEOUS DETAILS

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

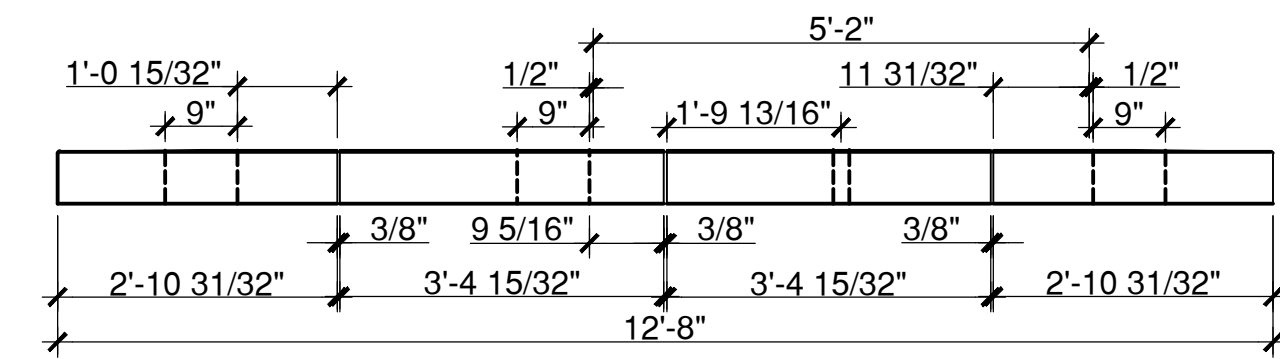


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

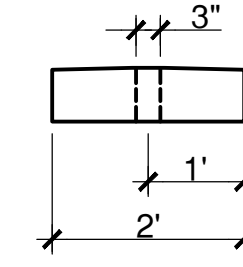
ISSUED FOR CONSTRUCTION

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APPROVED BY	MAC

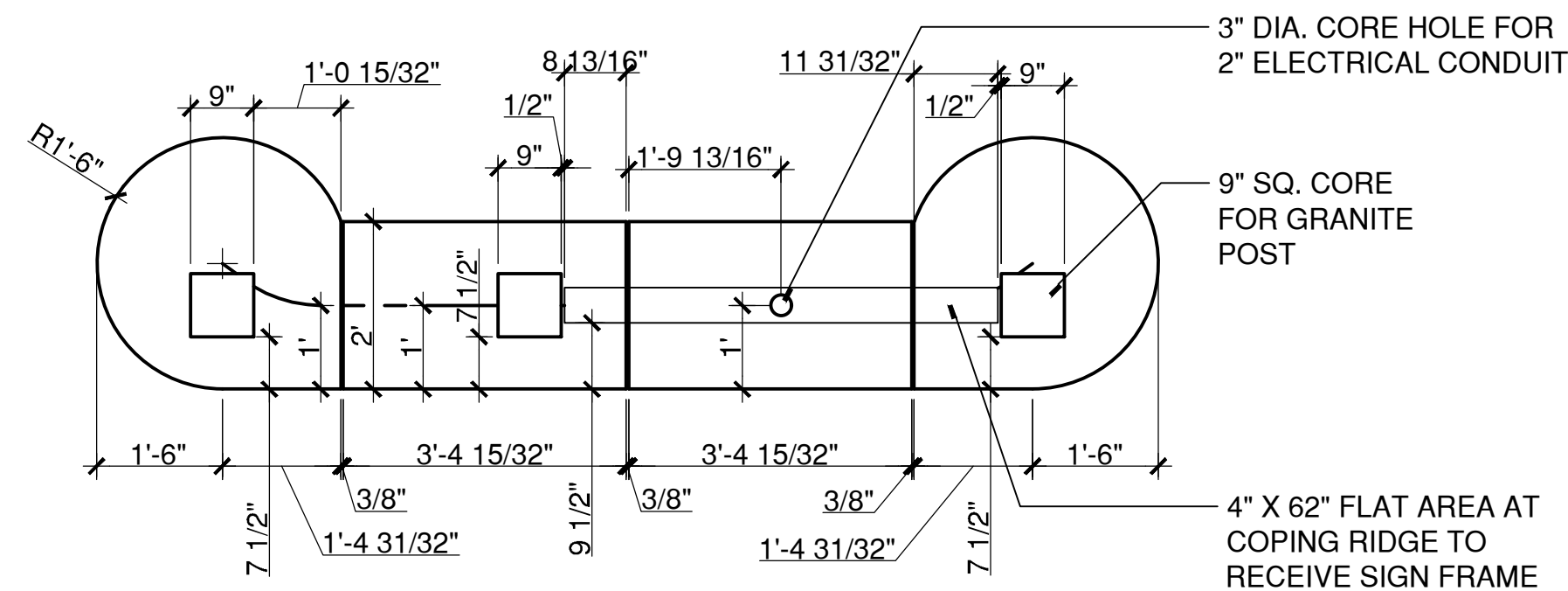
MDS-39



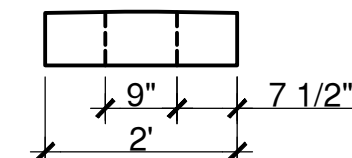
COPING SECTION A



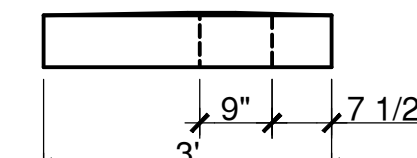
COPING SECTION D



COPING PLAN



COPING SECTION C



VOLUTE COPING SECTION B

2 COPING PLAN - GRANITE SIGN WALL
SCALE: 1/2"=1'

W:\2022\214\CONDOC\DETAILS\Granite Sign Wall_Profile.dwg

DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

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DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

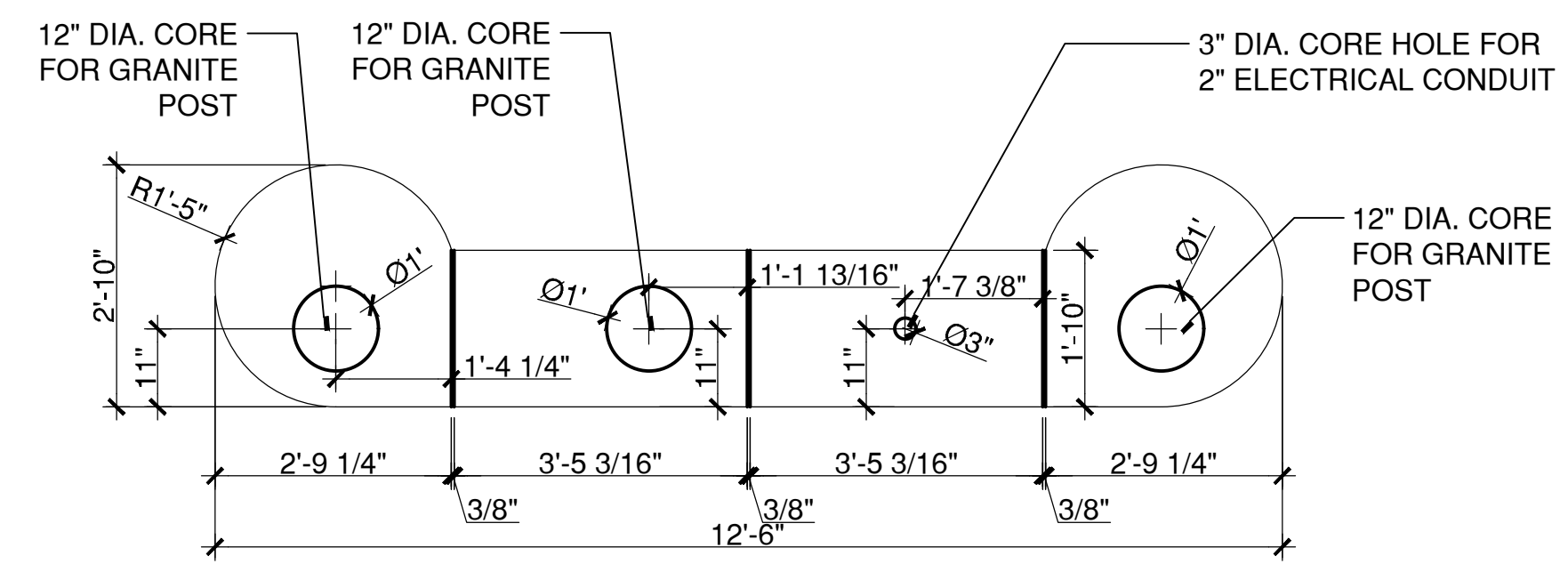


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

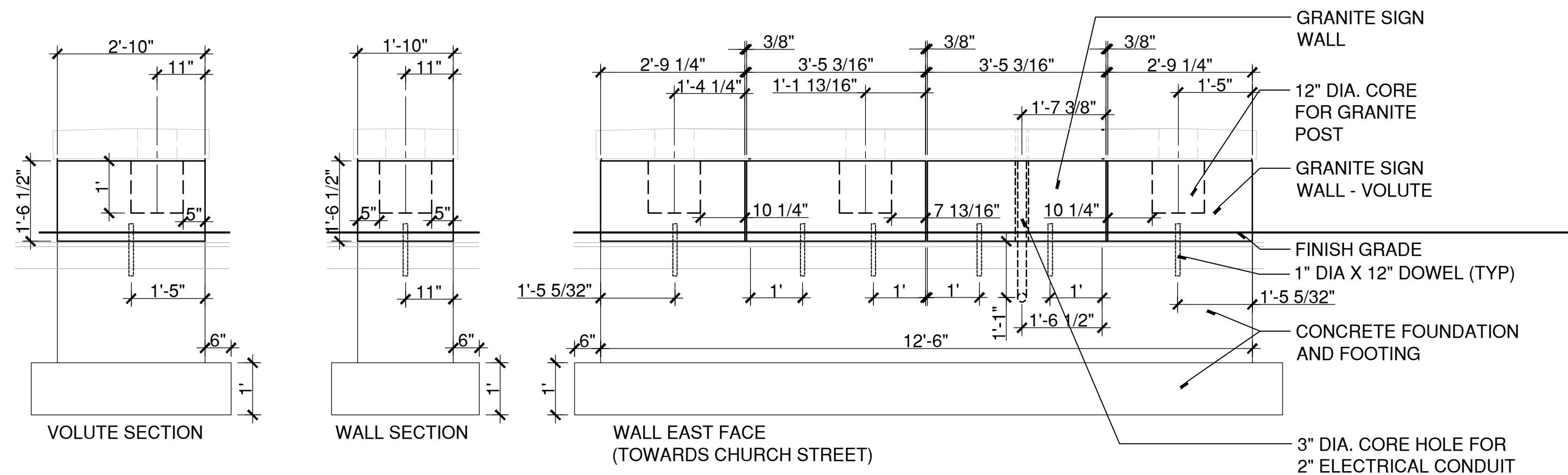
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DRAWN BY	REM/GJL
CHECKED BY	GJG
APPROVED BY	MAC

MDS-40



WALL PLAN VIEW



SECTION VIEW

NOTE:
1. BRING FINISH GRADE DIRECTLY AGAINST GRANITE BASE; PROTECT FINISH FACE WITH POLY-SHEATHING AND LEAVE IN PLACE BELOW GRADE TO ACT AS BOND BREAK. CONTRACTOR IS RESPONSIBLE FOR CAREFULLY REMOVING EXPOSED PORTION OF POLY-SHEATHING IN ORDER TO MAKE IT NON-VISIBLE IN FINISHED PRODUCT.

1 ELEVATION - GRANITE SIGN WALL BASE
SCALE: 1/2"=1'

W:\2022\214\CONDOC\DETAILS\Granite Sign Wall_Profile.dwg



REV	DESCRIPTION	DATE

REV	DESCRIPTION	DSN	CHK	DATE

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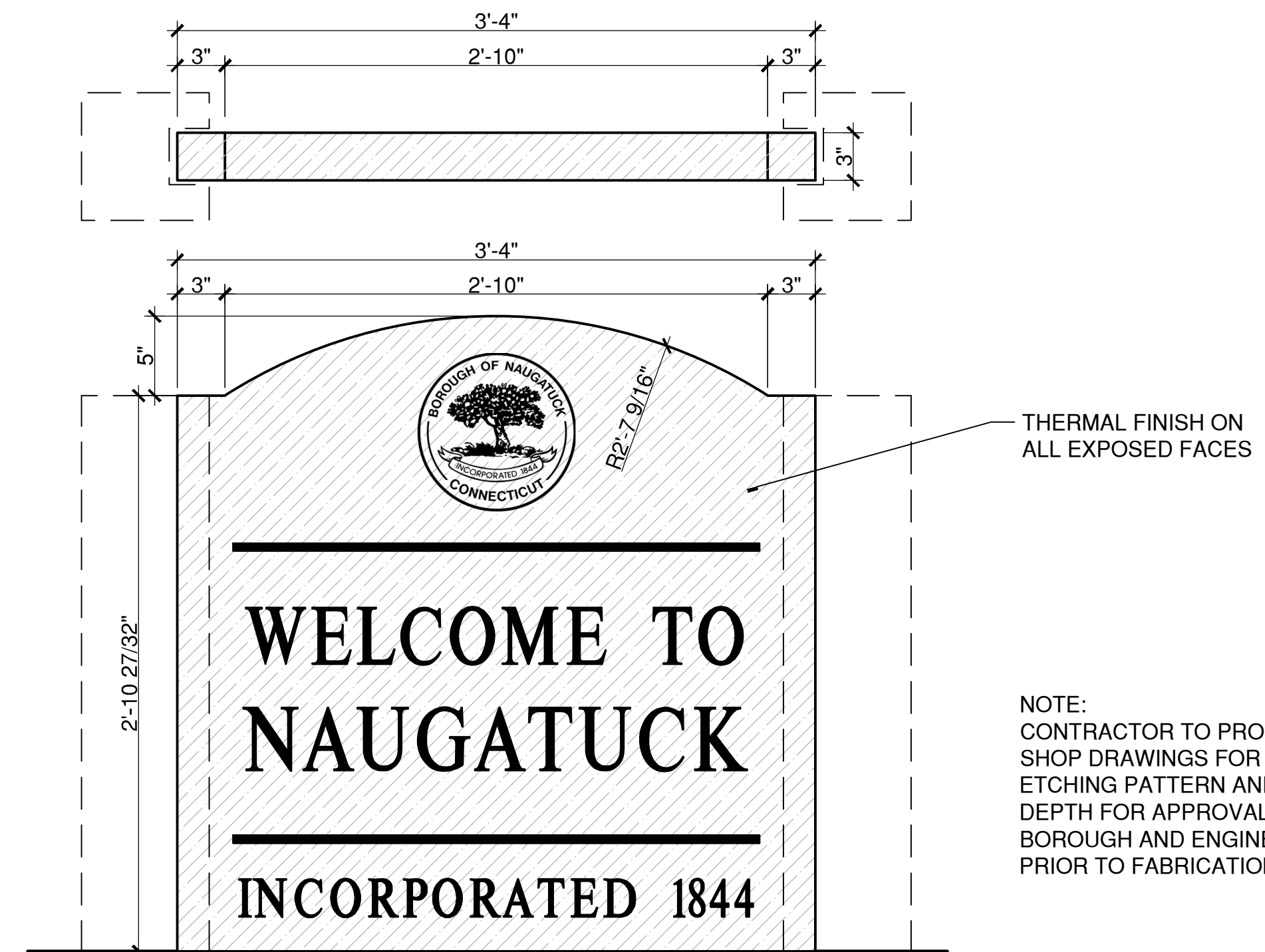
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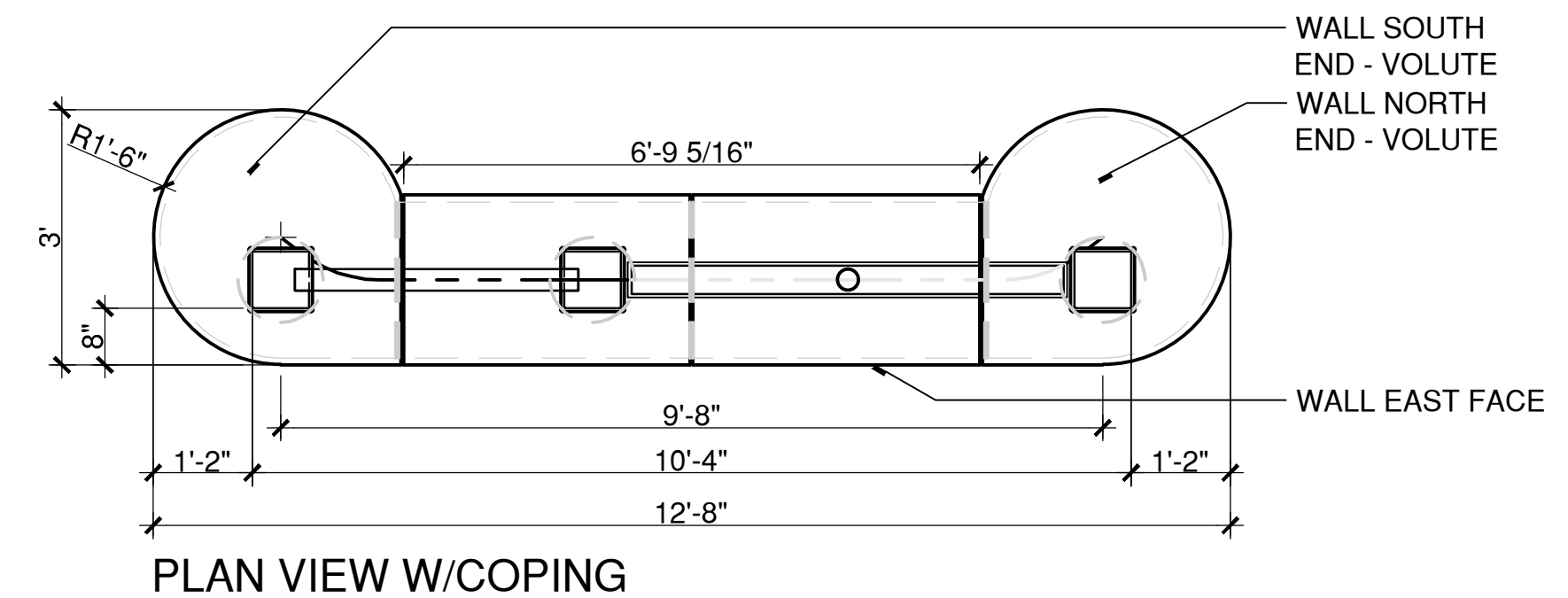


THERMAL FINISH ON ALL EXPOSED FACES

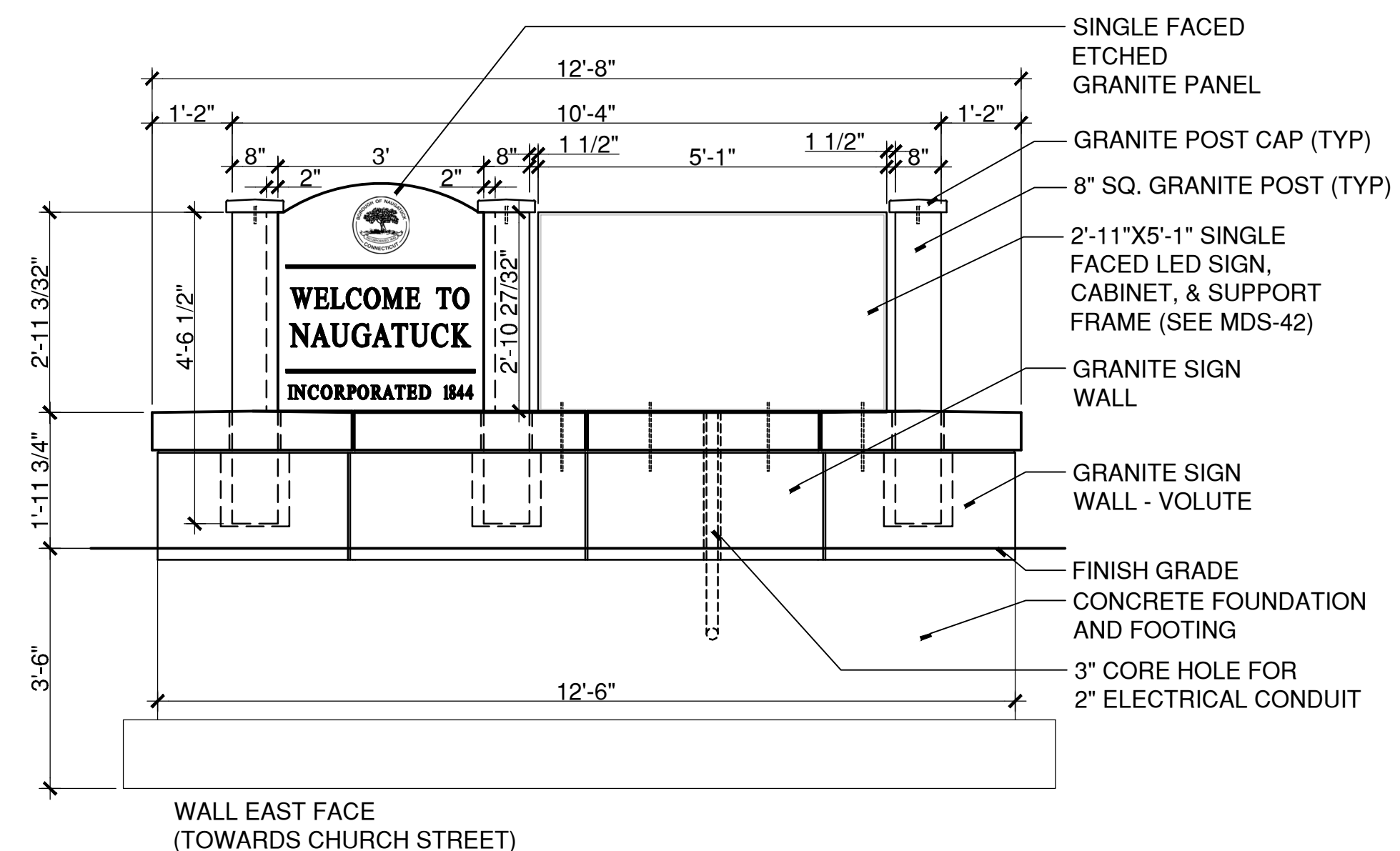
NOTE:
CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR ETCHING PATTERN AND DEPTH FOR APPROVAL BY BOROUGH AND ENGINEER PRIOR TO FABRICATION.

2 SINGLE FACED ETCHED GRANITE PANEL
SCALE: 1 1/2"=1'

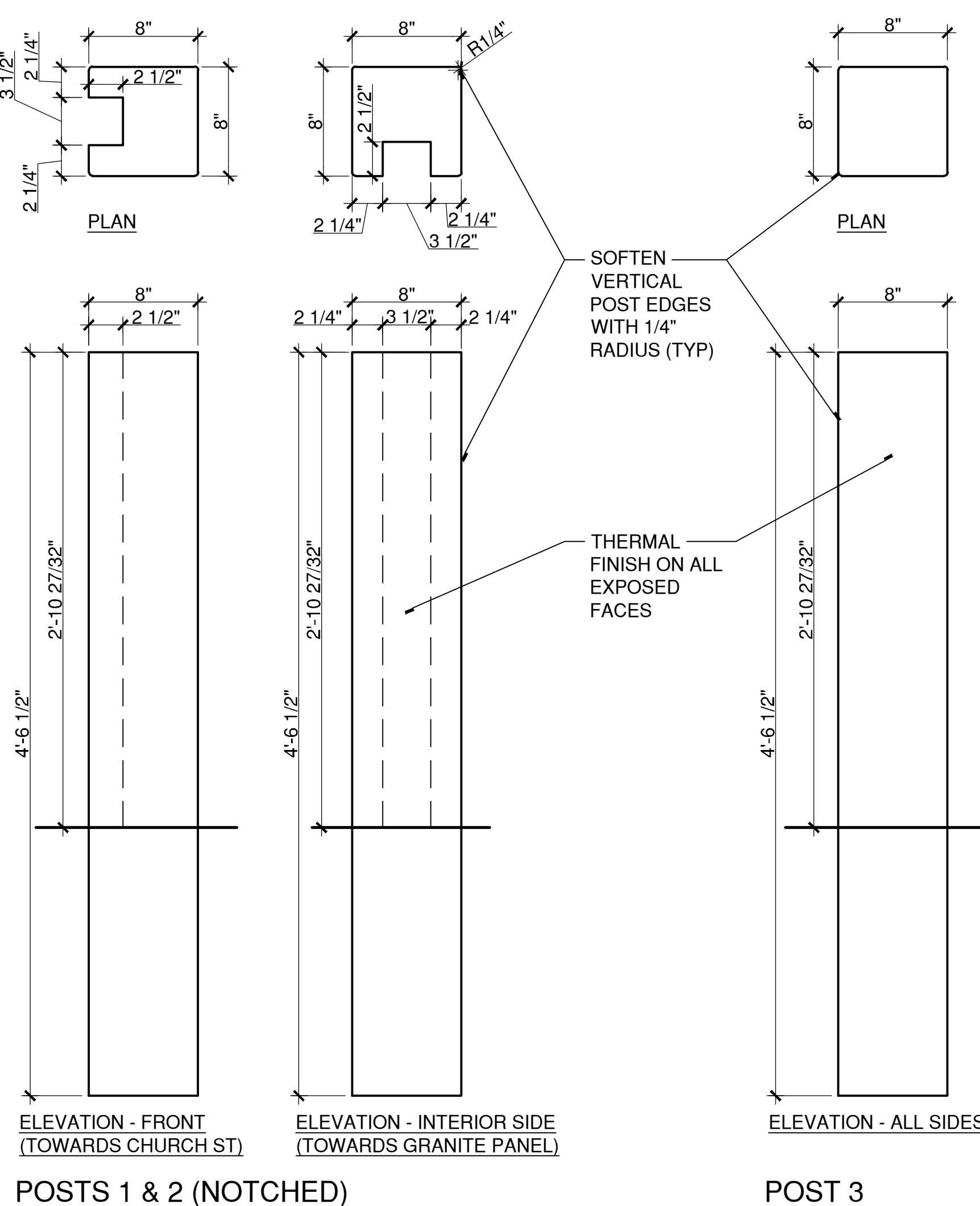
W:20220214CONDOCDETAILS\GRANITE PANEL.DWG



PLAN VIEW W/COPING



WALL EAST FACE (TOWARDS CHURCH STREET)

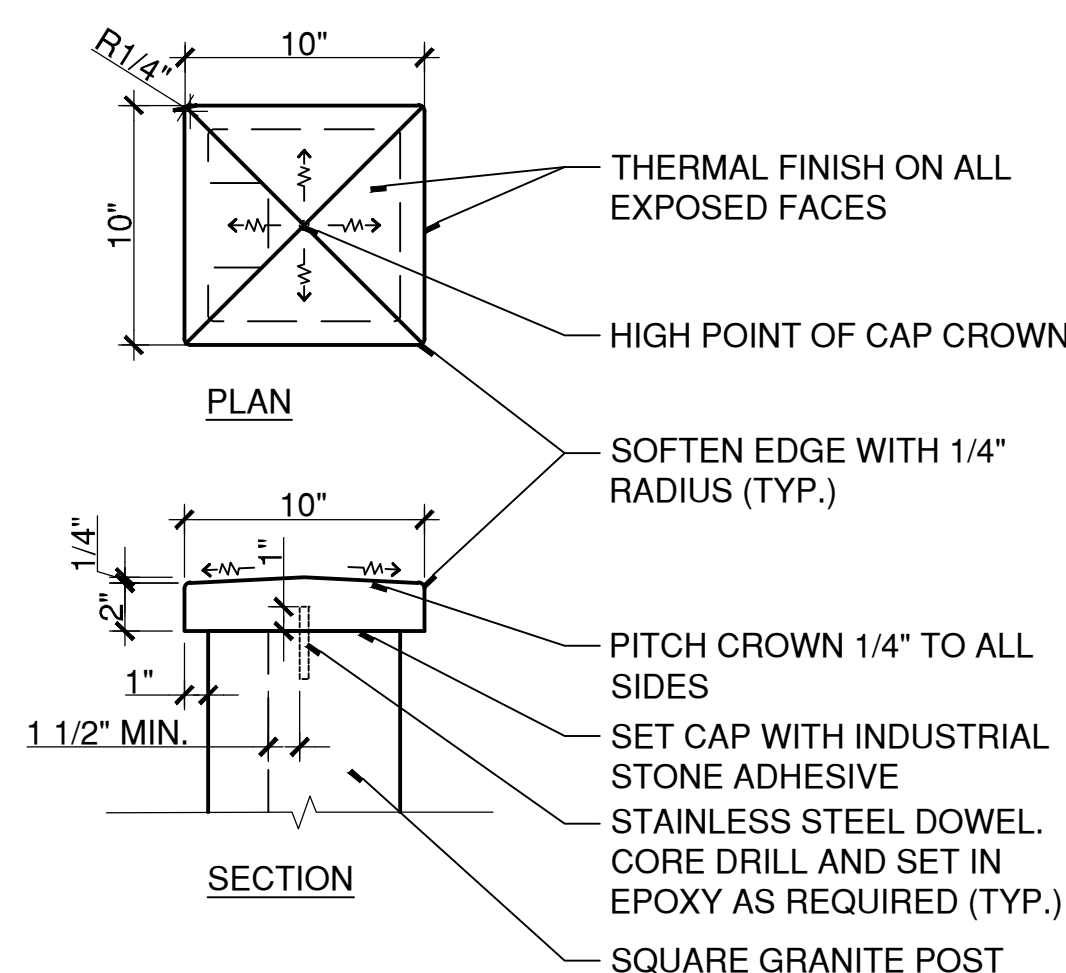


POSTS 1 & 2 (NOTCHED)

POST 3

4 SQUARE GRANITE POST
SCALE: 1 1/2"=1'

W:20220214CONDOCDETAILS\GRANITE POST.DWG



THERMAL FINISH ON ALL EXPOSED FACES

HIGH POINT OF CAP CROWN

SOFTEN EDGE WITH 1/4\"/>

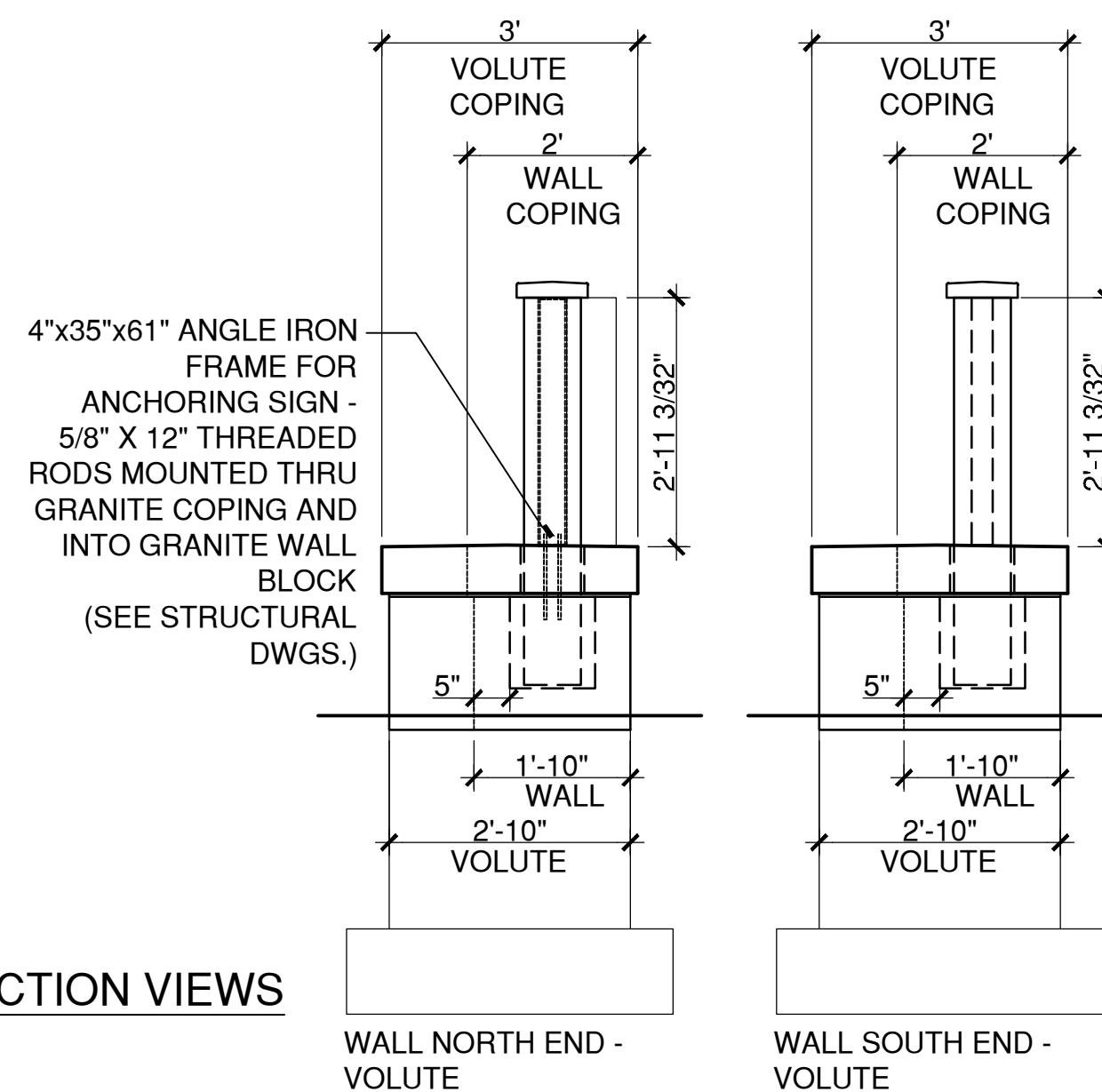
PITCH CROWN 1/4\"/>

SET CAP WITH INDUSTRIAL STONE ADHESIVE

STAINLESS STEEL DOWEL. CORE DRILL AND SET IN EPOXY AS REQUIRED (TYP.)

SQUARE GRANITE POST

NOTE:
1. BRING FINISH GRADE DIRECTLY AGAINST GRANITE BASE; PROTECT FINISH FACE WITH POLY-SHEATHING AND LEAVE IN PLACE BELOW GRADE TO ACT AS BOND BREAK. CONTRACTOR IS RESPONSIBLE FOR CAREFULLY REMOVING EXPOSED PORTION OF POLY-SHEATHING IN ORDER TO MAKE IT NON-VISIBLE IN FINISHED PRODUCT.



SECTION VIEWS

WALL NORTH END - VOLUTE

WALL SOUTH END - VOLUTE

1 PROFILE - GRANITE SIGN WALL
SCALE: 1/2"=1'

W:20220214CONDOCDETAILS\Granite Sign Wall_Profile.dwg



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REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

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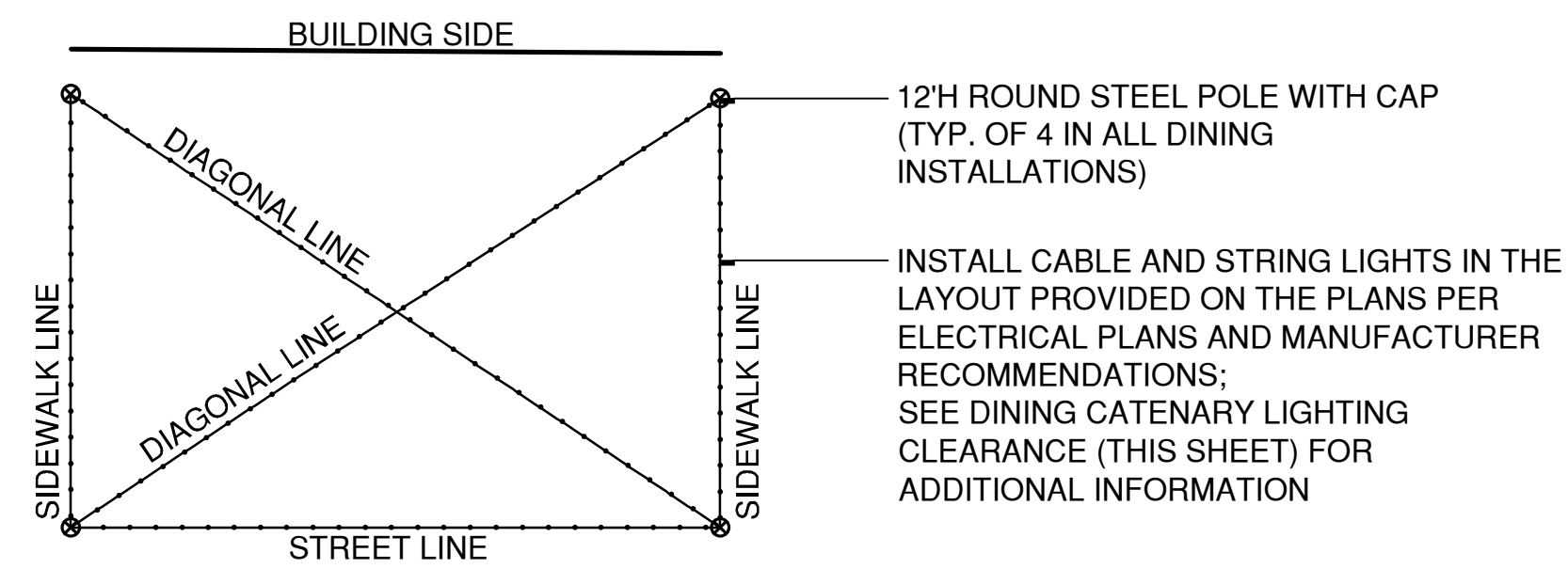
ORIGINAL DRAWING SIZE IS 22 x 34

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DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

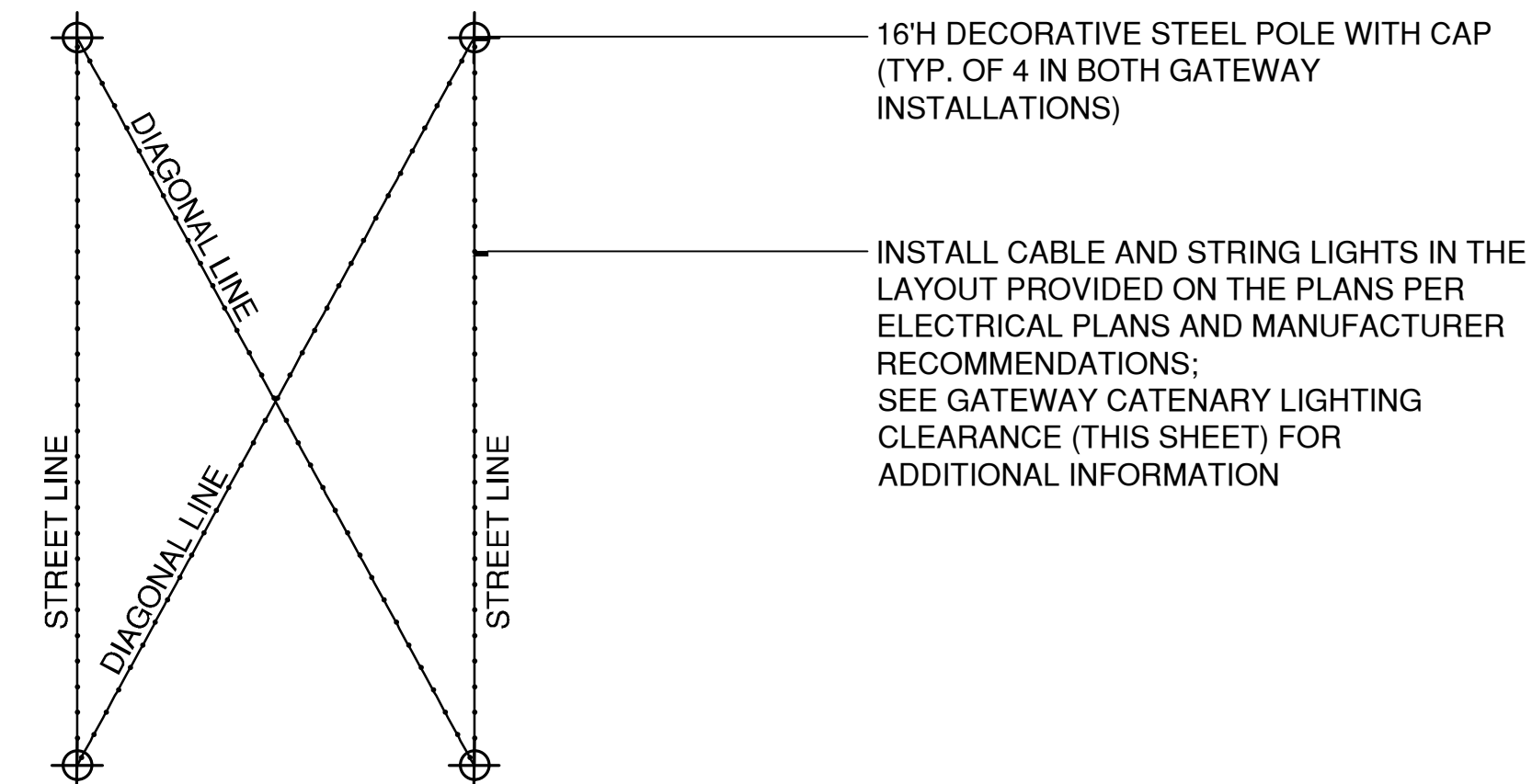


BOROUGH OF NAUGATUCK
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EXAMPLE DINING INSTALLATION



EXAMPLE GATEWAY INSTALLATION

- GENERAL NOTES:**
- SHOP DRAWINGS OF EACH CATENARY LIGHTING INSTALLATION TO BE PROVIDED TO THE ENGINEER & LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION OF MOUNTING CABLE AND STRING LIGHTS.
 - PROVIDE POLES, STRING LIGHTS, AND STAINLESS STEEL MOUNTING CABLES & HARDWARE FOR INSTALLATION. PROVIDE ALL TRANSFORMERS AND ACCESSORIES AS REQUIRED FOR COMPLETE SYSTEM. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.

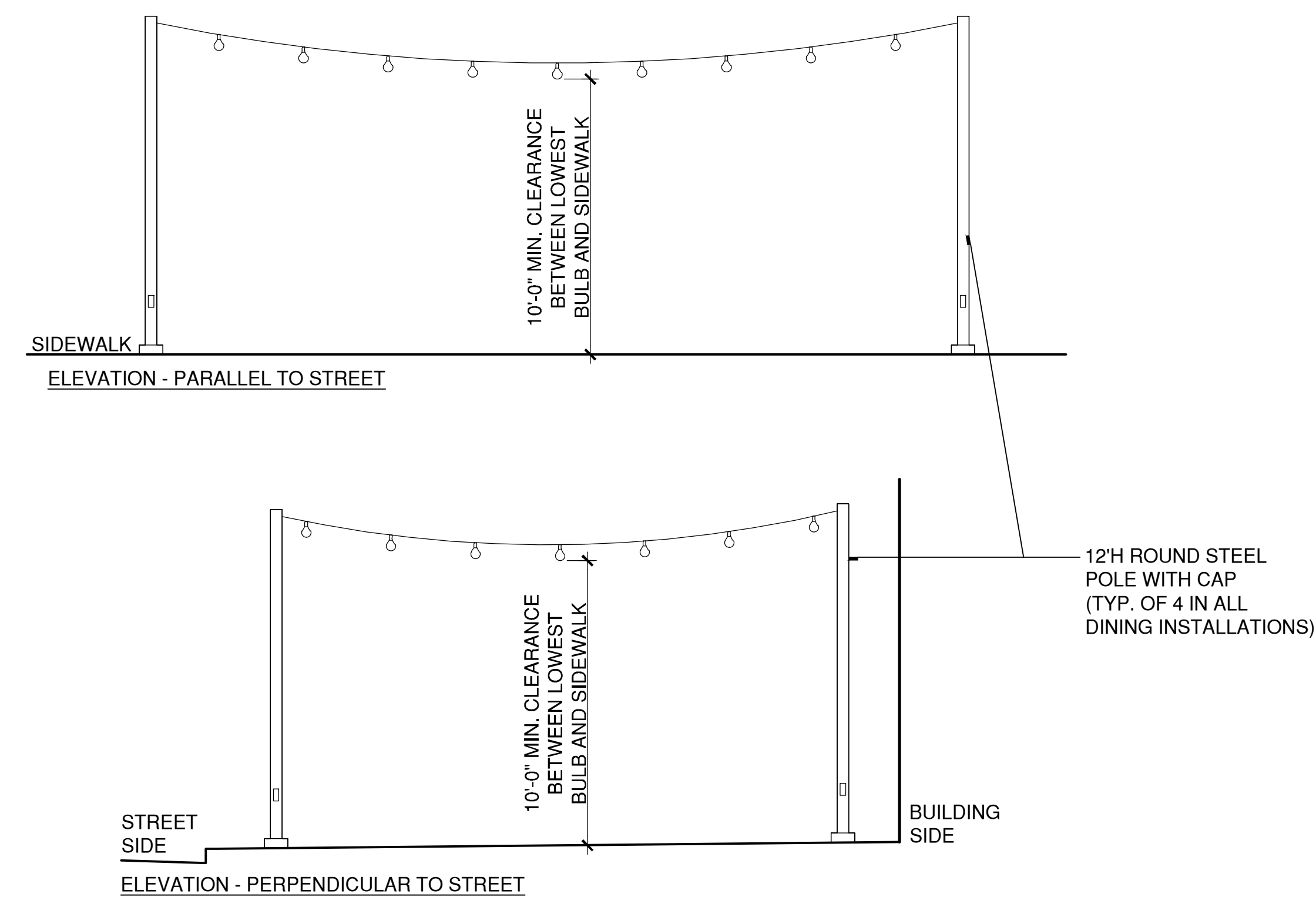


4 GATEWAY CATENARY LIGHTING CLEARANCE
SCALE: 1/4"=1'

W:\2022\2021\4CONDOCC\DETAILS\GatewayCatenaryElevation.dwg

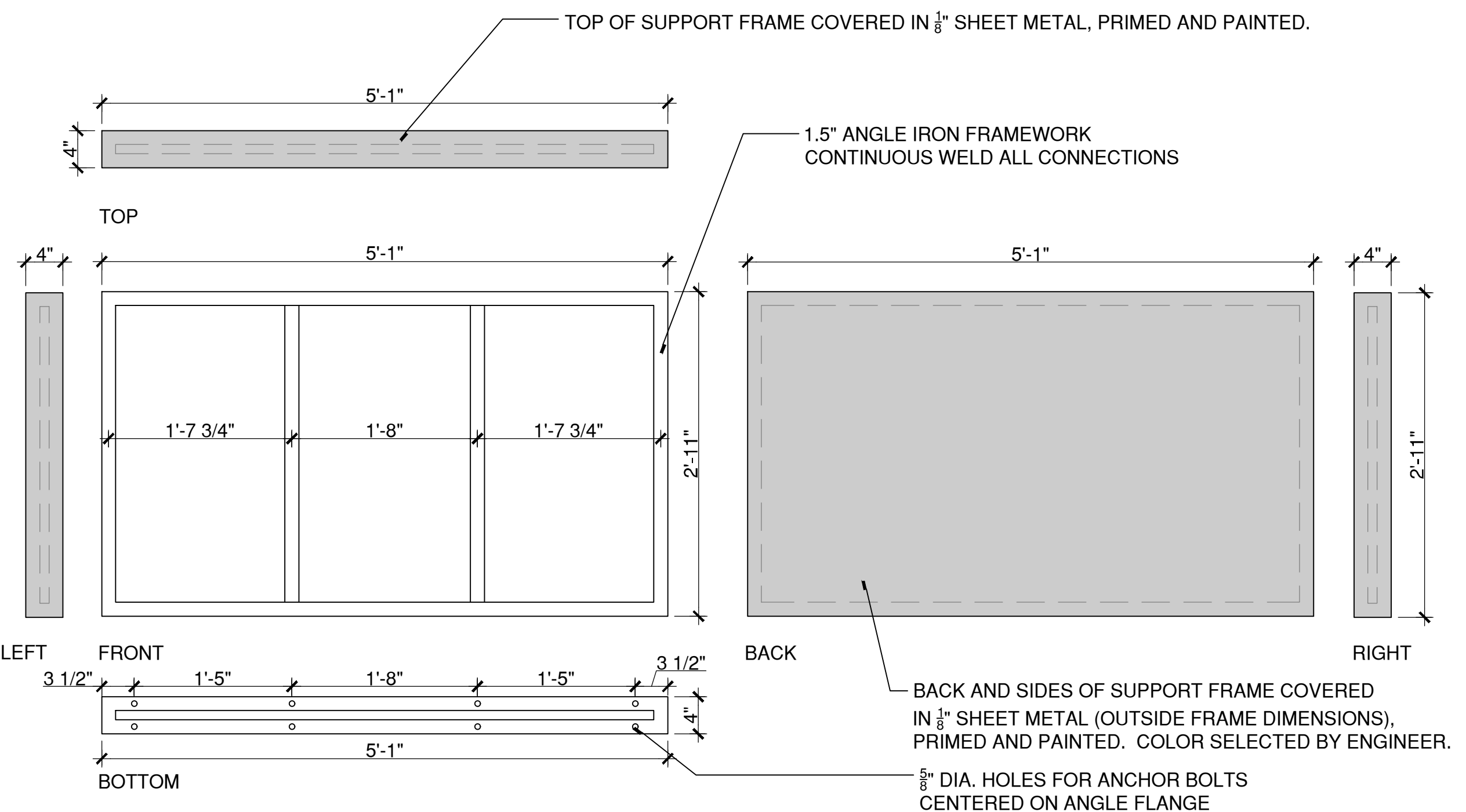
2 CATENARY LIGHTING LAYOUT
SCALE: 1/8"=1'

W:\2022\2021\4CONDOCC\DETAILS\CatenaryLayout.dwg



3 DINING CATENARY LIGHTING CLEARANCE
SCALE: 1/4"=1'

W:\2022\2021\4CONDOCC\DETAILS\DiningCatenaryElevation.dwg

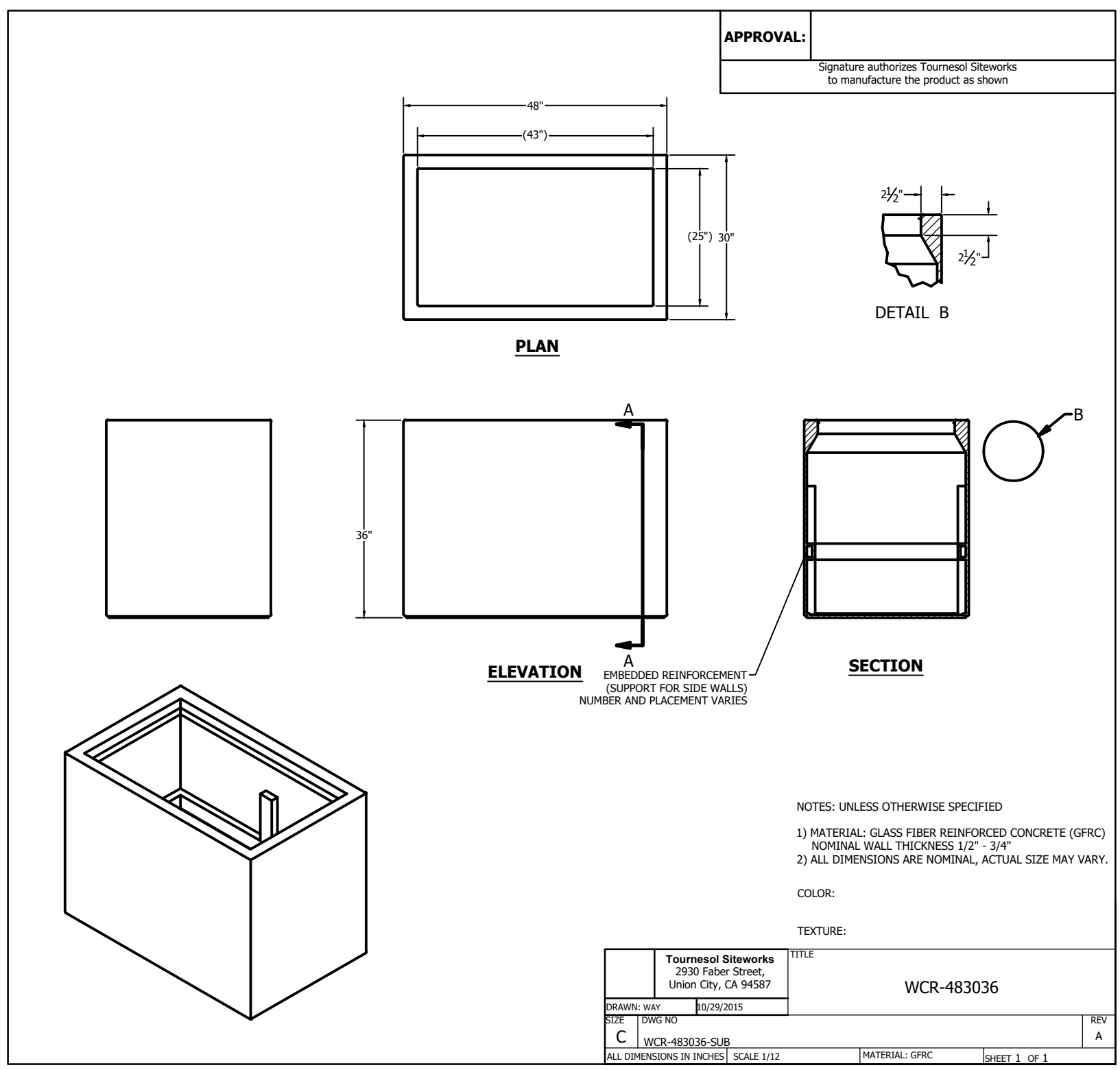


- NOTE:**
- PROVIDE 1/2" DIA. STAINLESS STEEL THREADED ANCHOR RODS FOR A MINIMUM OF 12" EMBED INTO GRANITE WALL BASE BLOCK

1 VARIABLE MESSAGE SIGN - SUPPORT FRAME
SCALE: 1"=1'

SIGN FRAME STRUCTURE

PLOTTED: 6/28/2023 5:41 PM BY: michael.e.melzer
LAYOUT: MDS-42
CAD FILE: W:\2022\2021\4CONDOCC\Details\2021\MDS-42.dwg



PLANTER, PRECAST CONCRETE
(48\"/>

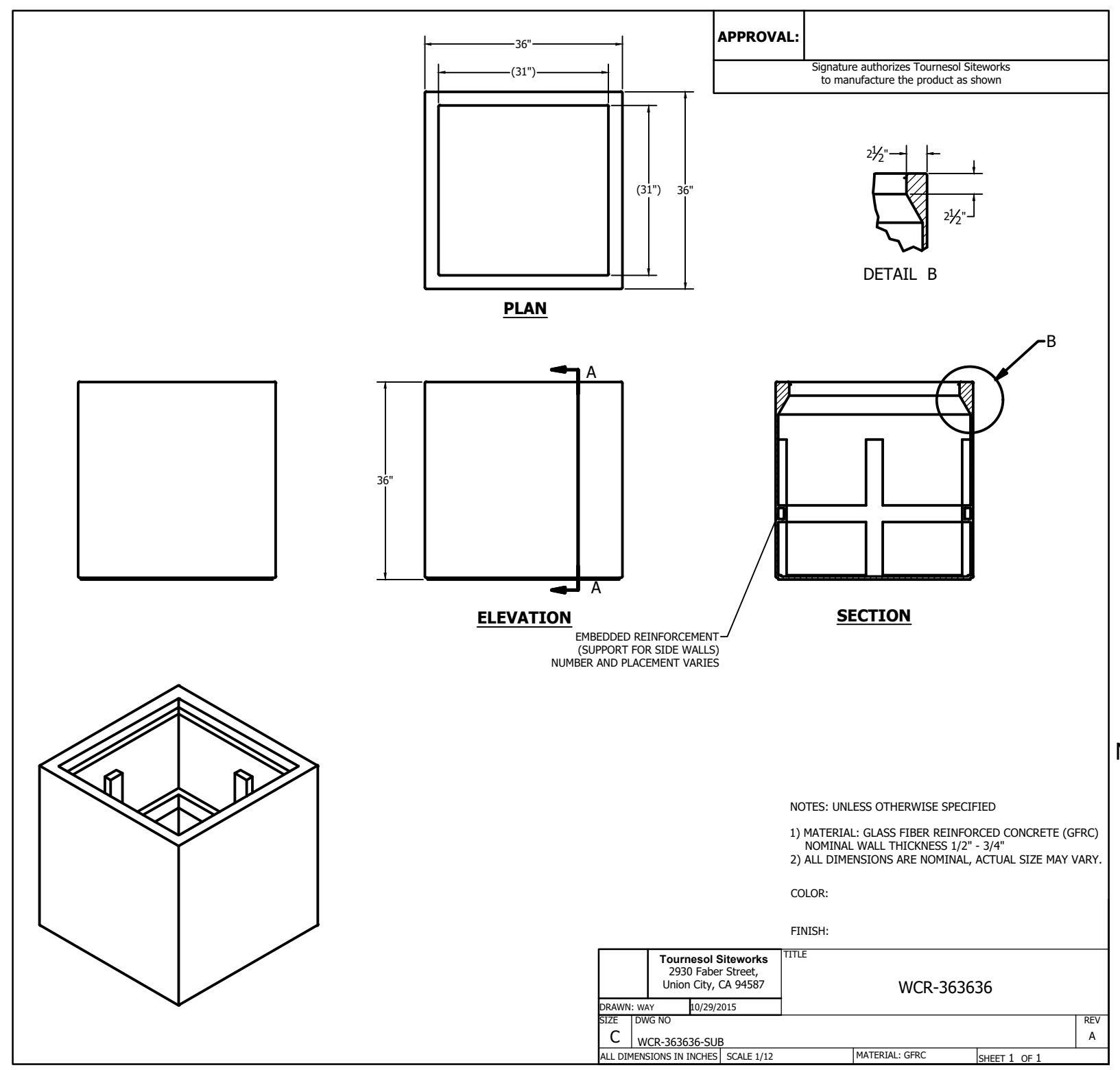
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SCALE: N.T.S.

- NOTES:
1. INSTALL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 2. MOUNTING: SURFACE MOUNTED WITH STAINLESS STEEL HARDWARE

Toumesol Siteworks 2930 Faber Street, Union City, CA 94587		TITLE WCR-483036
DATE: 08/20/2015	REV: A	
SIZE: C	WCR-483036-SUB	
ALL DIMENSIONS IN INCHES SCALE: 1/12 MATERIAL: GFRIC SHEET 1 OF 1		

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PLANTER, PRECAST CONCRETE
(36\"/>

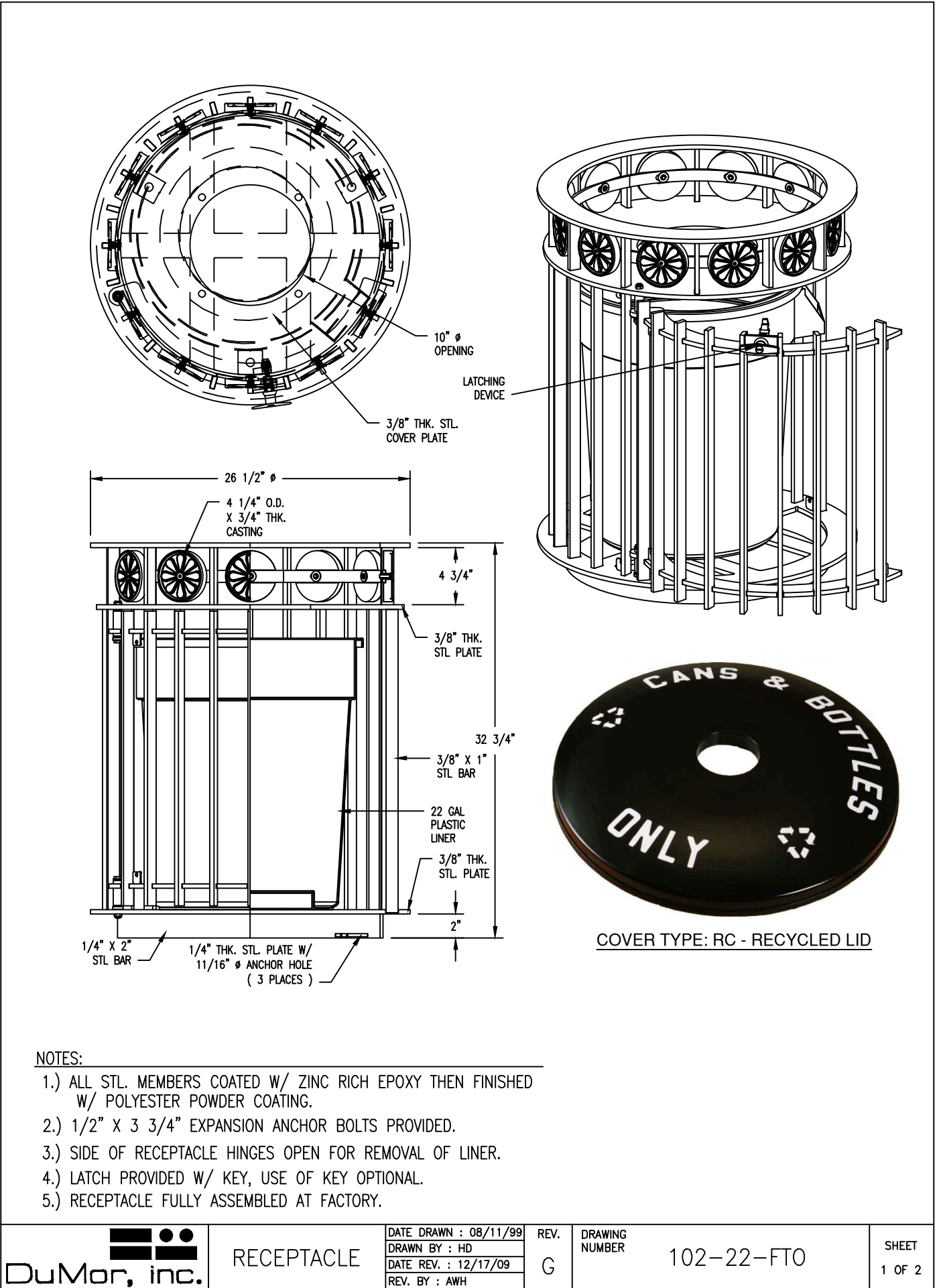
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SCALE: N.T.S.

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1. INSTALL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 2. MOUNTING: SURFACE MOUNTED WITH STAINLESS STEEL HARDWARE

Toumesol Siteworks 2930 Faber Street, Union City, CA 94587		TITLE WCR-363636
DATE: 08/20/2015	REV: A	
SIZE: C	WCR-363636-SUB	
ALL DIMENSIONS IN INCHES SCALE: 1/12 MATERIAL: GFRIC SHEET 1 OF 1		

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RECYCLING RECEPTACLE (SIM. BOROUGH STANDARD)
SCALE: N.T.S.

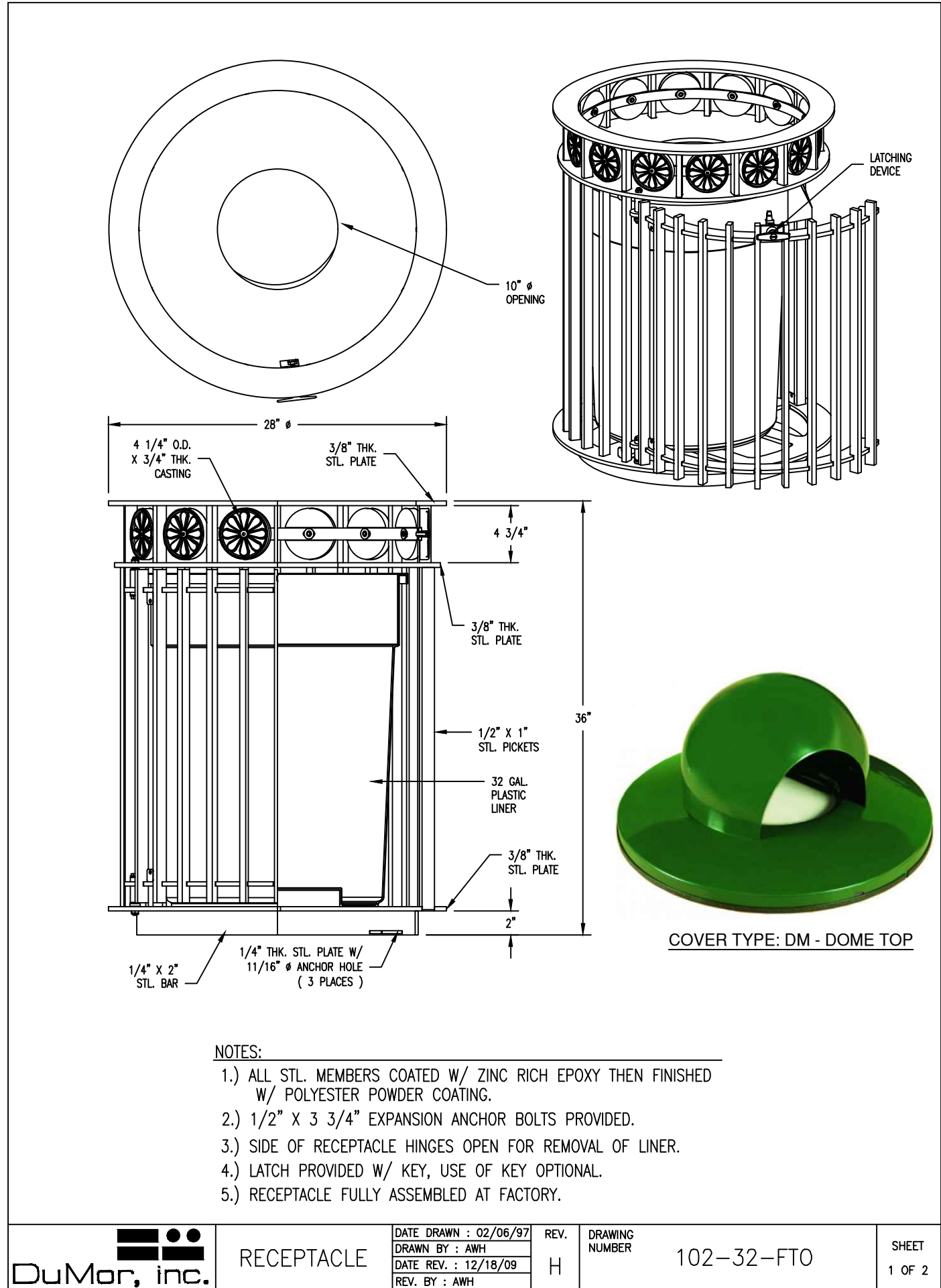
3

SCALE: N.T.S.

- NOTES:
1. INSTALL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 2. MOUNTING: SURFACE MOUNTED WITH STAINLESS STEEL HARDWARE

DuMar, inc. RECEPTACLE		DATE DRAWN: 08/11/99	REV: G	DRAWING NUMBER: 102-22-FTO	SHEET: 1 OF 2
		DATE REV: 12/17/09			
		REV. BY: AMH			

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TRASH RECEPTACLE (BOROUGH STANDARD)
SCALE: N.T.S.

1

SCALE: N.T.S.

- NOTES:
1. INSTALL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 2. MOUNTING: SURFACE MOUNTED WITH STAINLESS STEEL HARDWARE

DuMar, inc. RECEPTACLE		DATE DRAWN: 02/06/97	REV: H	DRAWING NUMBER: 102-32-FTO	SHEET: 1 OF 2
		DATE REV: 12/18/09			
		REV. BY: AMH			

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 AVON, CT 06001
 PHONE: 860-678-0669
 CONTACT NAME: Gary Guimond
 EMAIL: gguimond@richtercegan.com



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SCALE VERIFICATION
 THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING
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ORIGINAL DRAWING SIZE IS 22 x 34

STREETScape MISCELLANEOUS DETAILS
 DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
 BOROUGH OF NAUGATUCK

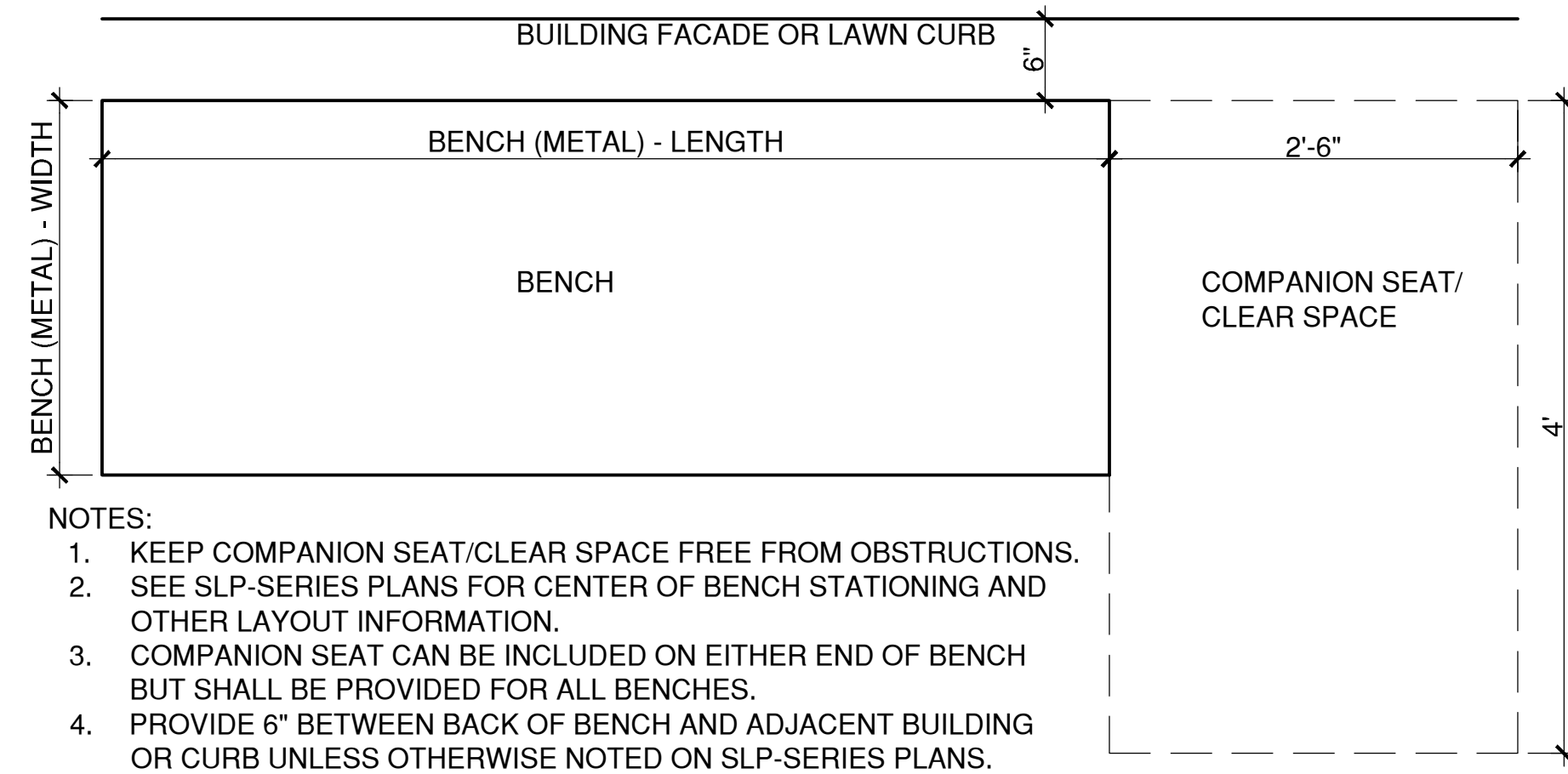
BOROUGH OF NAUGATUCK
 229 CHURCH STREET
 NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	MAC/GJG
DRAWN BY	REM/GJL
CHECKED BY	GJG
APPROVED BY	MAC

MDS-43

PLOTTED: 6/28/2023 5:41 PM BY: michael.e.meyer
 LAYOUT: MDS-43
 CAD FILE: W:\20220214\CONDOC\Details\102-22-fto_sh1.dwg

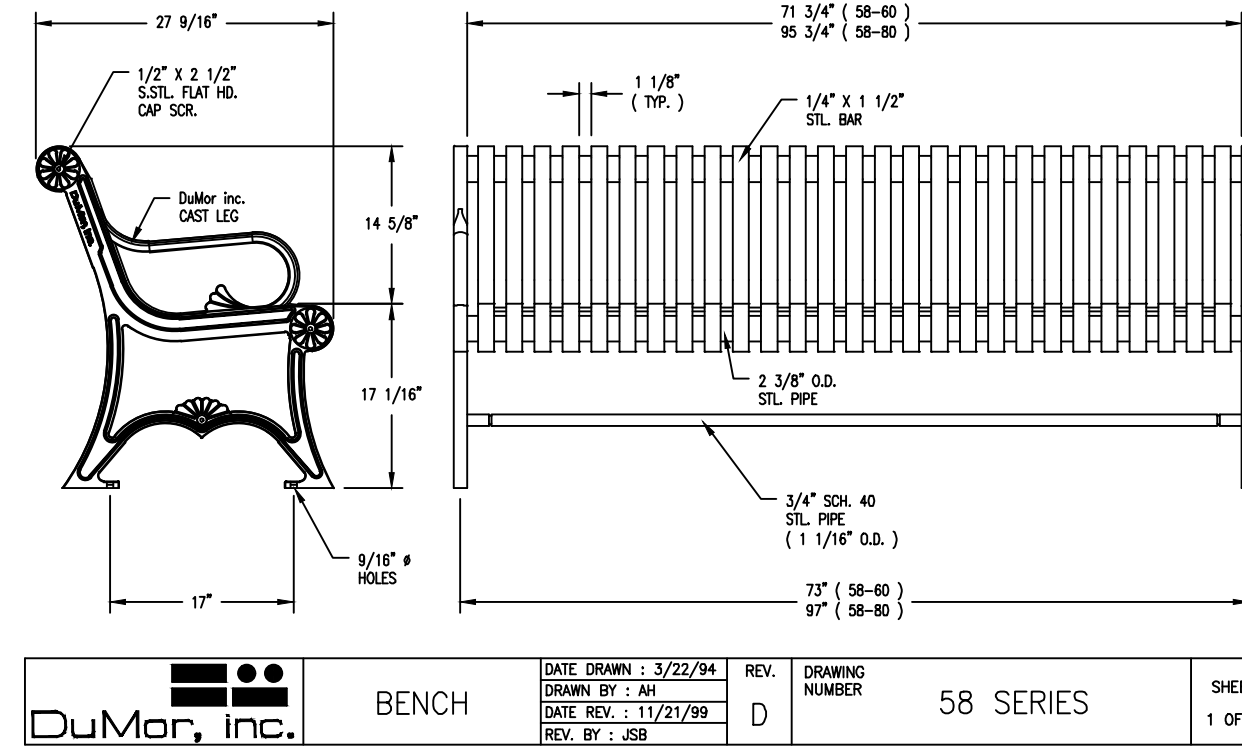


- NOTES:
- KEEP COMPANION SEAT/CLEAR SPACE FREE FROM OBSTRUCTIONS.
 - SEE SLP-SERIES PLANS FOR CENTER OF BENCH STATIONING AND OTHER LAYOUT INFORMATION.
 - COMPANION SEAT CAN BE INCLUDED ON EITHER END OF BENCH BUT SHALL BE PROVIDED FOR ALL BENCHES.
 - PROVIDE 6" BETWEEN BACK OF BENCH AND ADJACENT BUILDING OR CURB UNLESS OTHERWISE NOTED ON SLP-SERIES PLANS.

4 BENCH (METAL) - PLAN

SCALE: 1"=1'

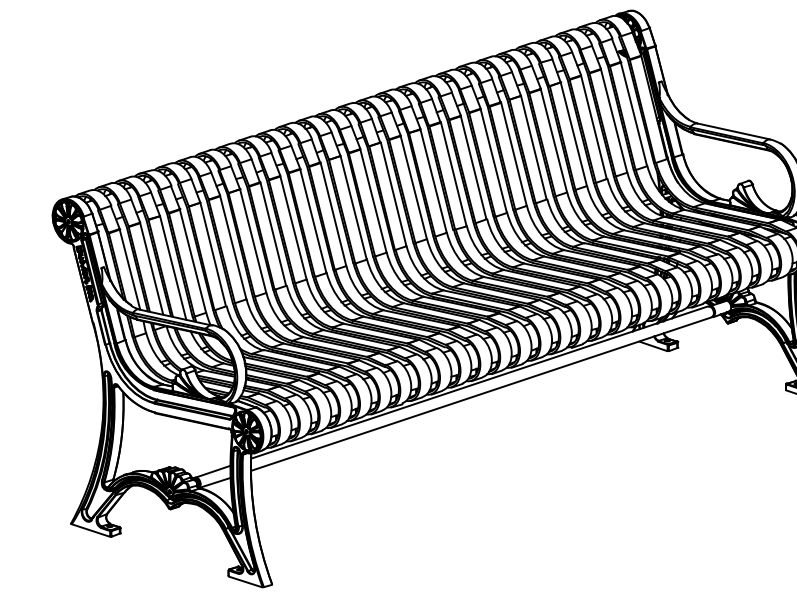
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3 BENCH (METAL) (BOROUGH STANDARD)

SCALE: N.T.S.

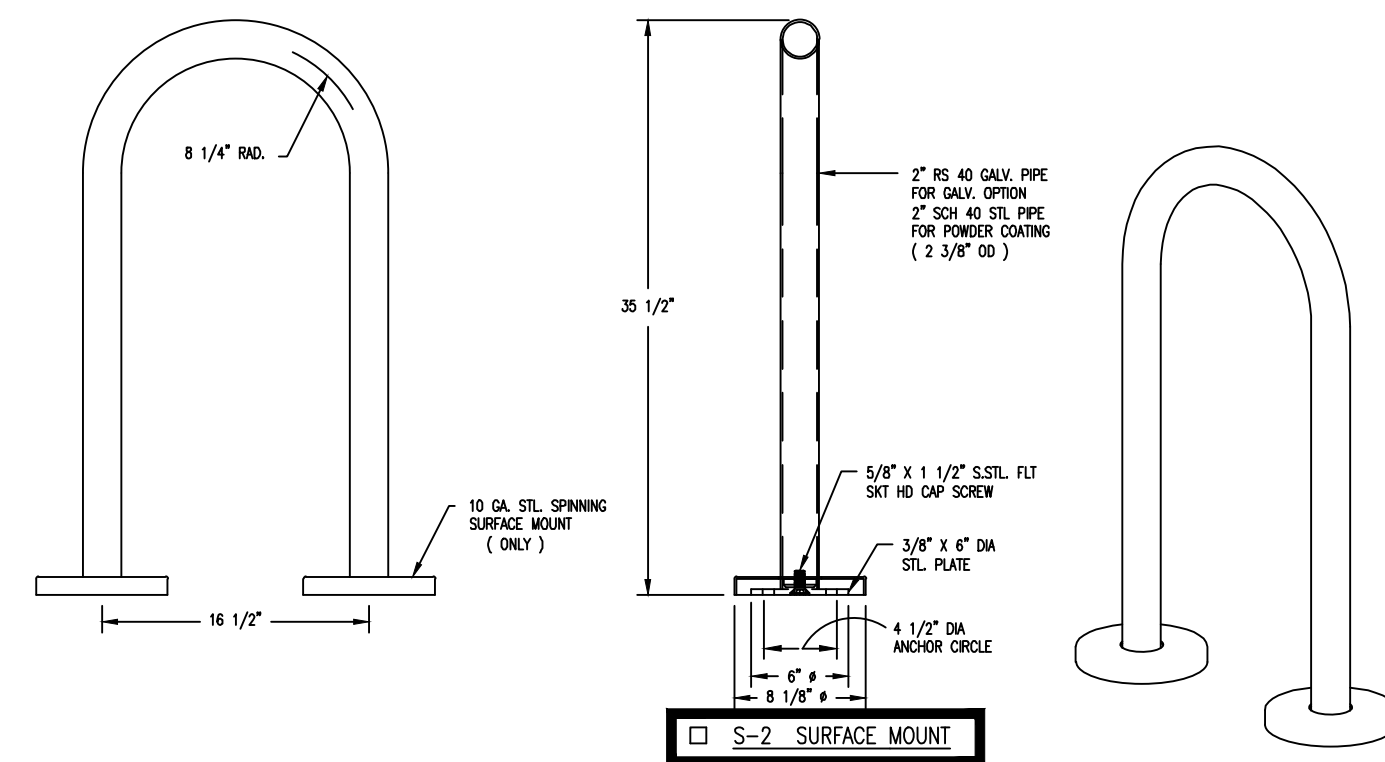
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- NOTES:
- ALL STL MEMBERS COATED W/ ZINC RICH EPOXY THEN FINISHED W/ POLYESTER POWDER COATING.
 - 1/2" X 3 3/4" EXPANSION ANCHOR BOLTS PROVIDED.
 - CUSTOM LETTERING AVAILABLE FOR RECESSED SIDE PANELS (TOTAL OF 37 SPACES)

LENGTH OPTIONS:
 6' BENCH
 8' BENCH

- NOTES:
- INSTALL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 - MOUNTING: SURFACE MOUNTED WITH STAINLESS STEEL HARDWARE

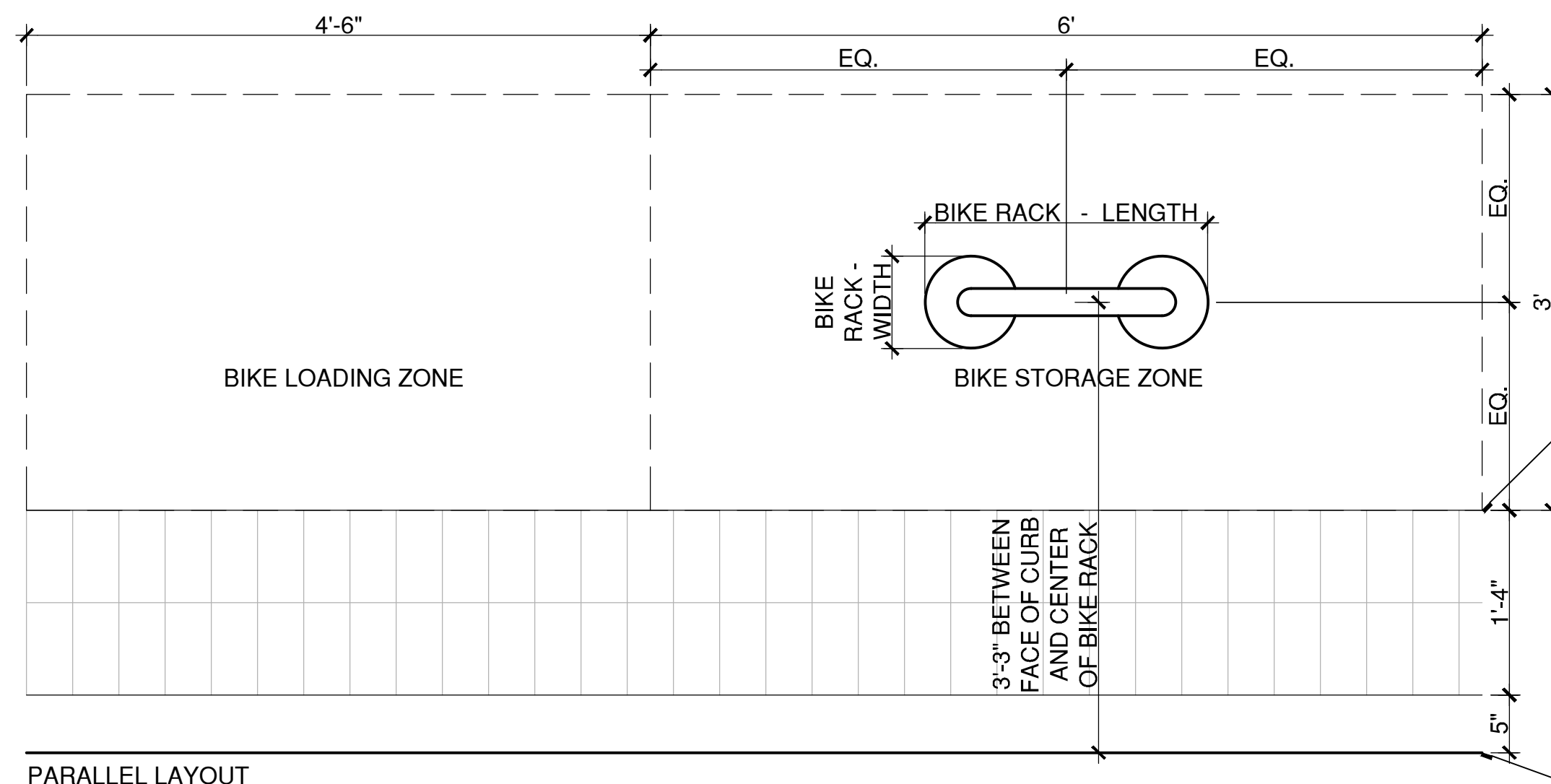


DuMor, Inc. BIKE RACK DATE DRAWN: 3/22/04 DRAWN BY: JOC REV. NUMBER G 83 SERIES SHEET 1 OF 2

2 BIKE RACK (BOROUGH STANDARD)

SCALE: N.T.S.

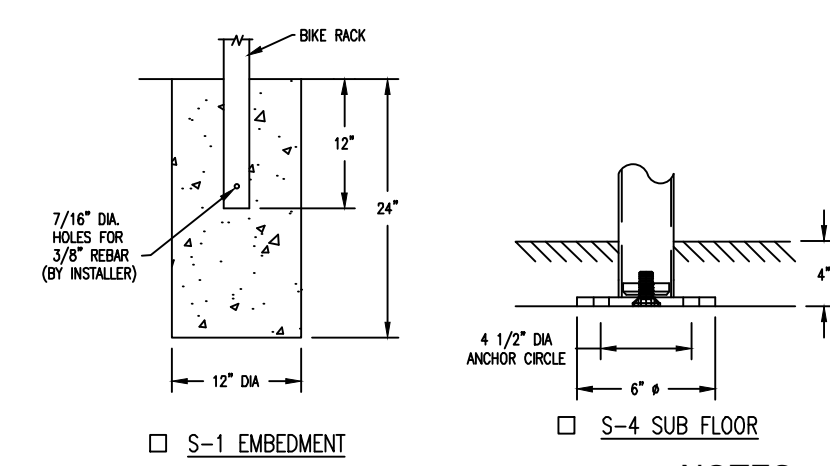
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1 BIKE RACK - PLAN

SCALE: 1"=1'

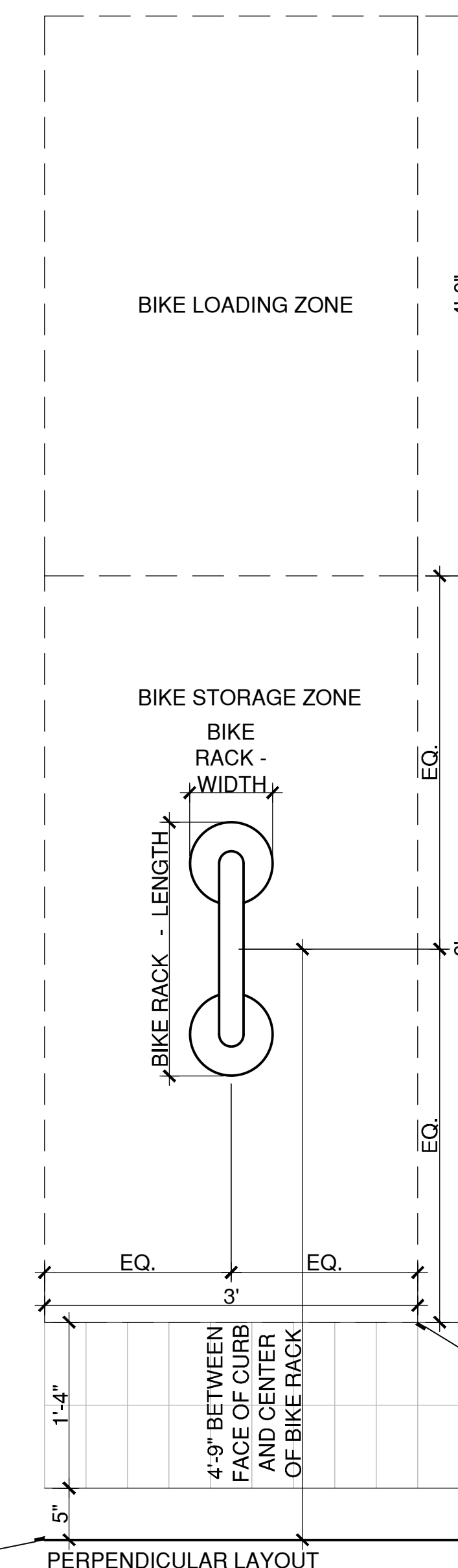
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- FINISH OPTIONS:
- GALV. FINISH
 - COATED W/ ZINC RICH EPOXY THEN FINISHED W/ POLYESTER POWDER COATING.

- NOTE:
- 1/2" X 3 3/4" EXPANSION ANCHOR BOLTS PROVIDED FOR OPTIONS S-2 & S-4.

- NOTES:
- INSTALL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 - MOUNTING: SURFACE MOUNTED WITH STAINLESS STEEL HARDWARE



- NOTES:
- KEEP BIKE STORAGE & LOADING ZONES FREE FROM OBSTRUCTIONS.
 - SEE SLP-SERIES PLANS FOR CENTER OF BIKE RACK STATIONING AND OTHER LAYOUT INFORMATION.



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STREETSCAPE MISCELLANEOUS DETAILS

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



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MDS-44



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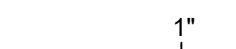
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DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

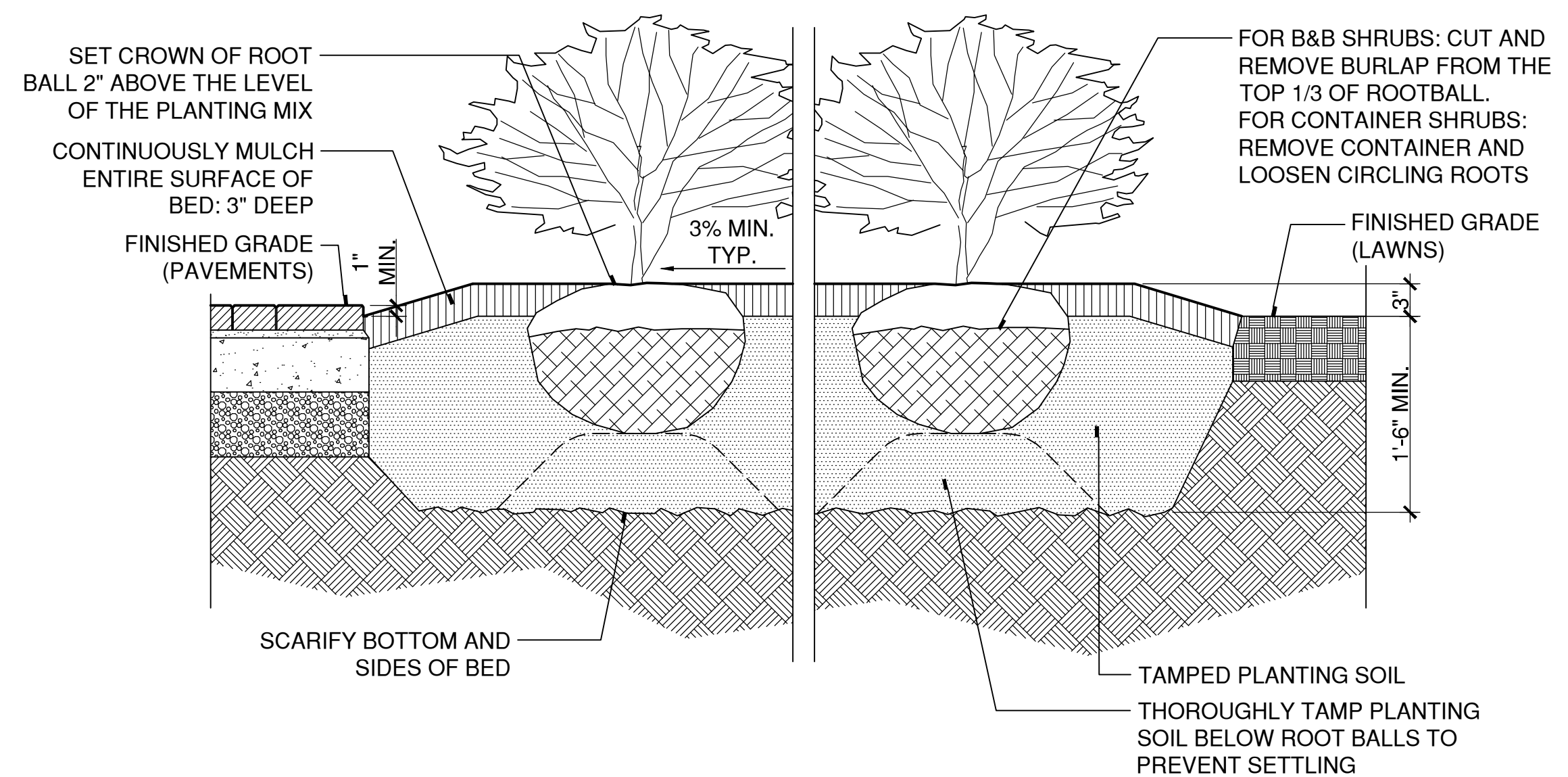


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2 CONTINUOUS PLANTING BED FOR SHRUBS

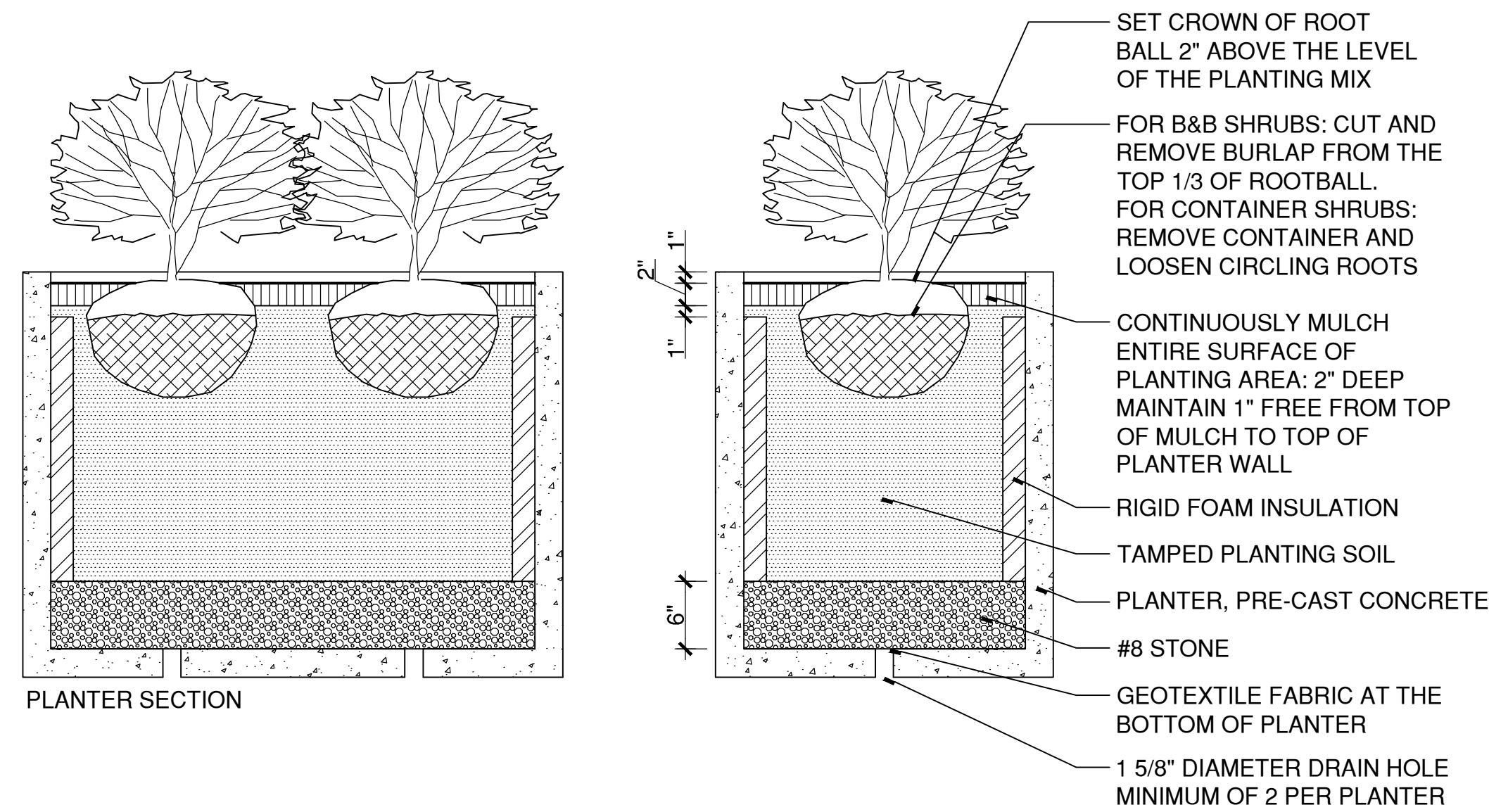
SCALE: 1"=1'

329300-B.DWG

5 CONCRETE PLANTER PLANTING

SCALE: 1"=1'

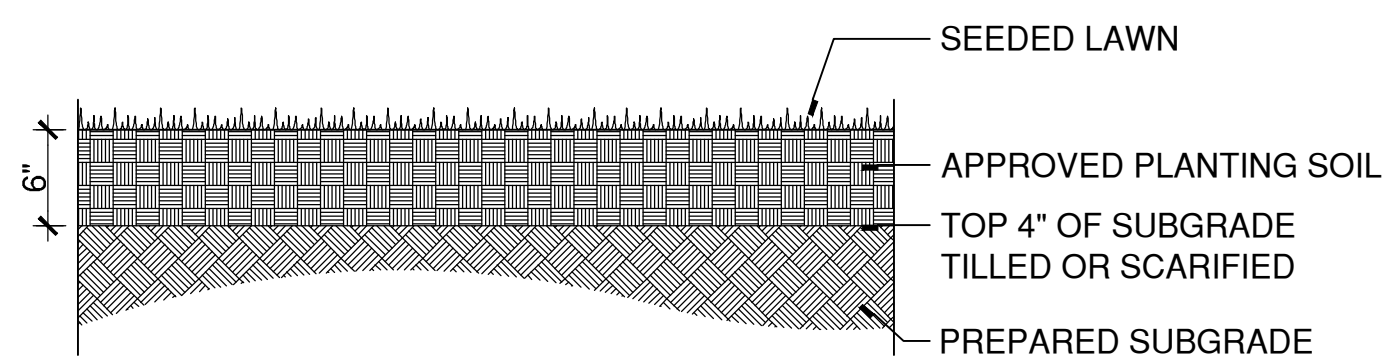
PLANTER BOX SECTION.DWG



4 SEEDED LAWN

SCALE: 1"=1'

329200-C.DWG

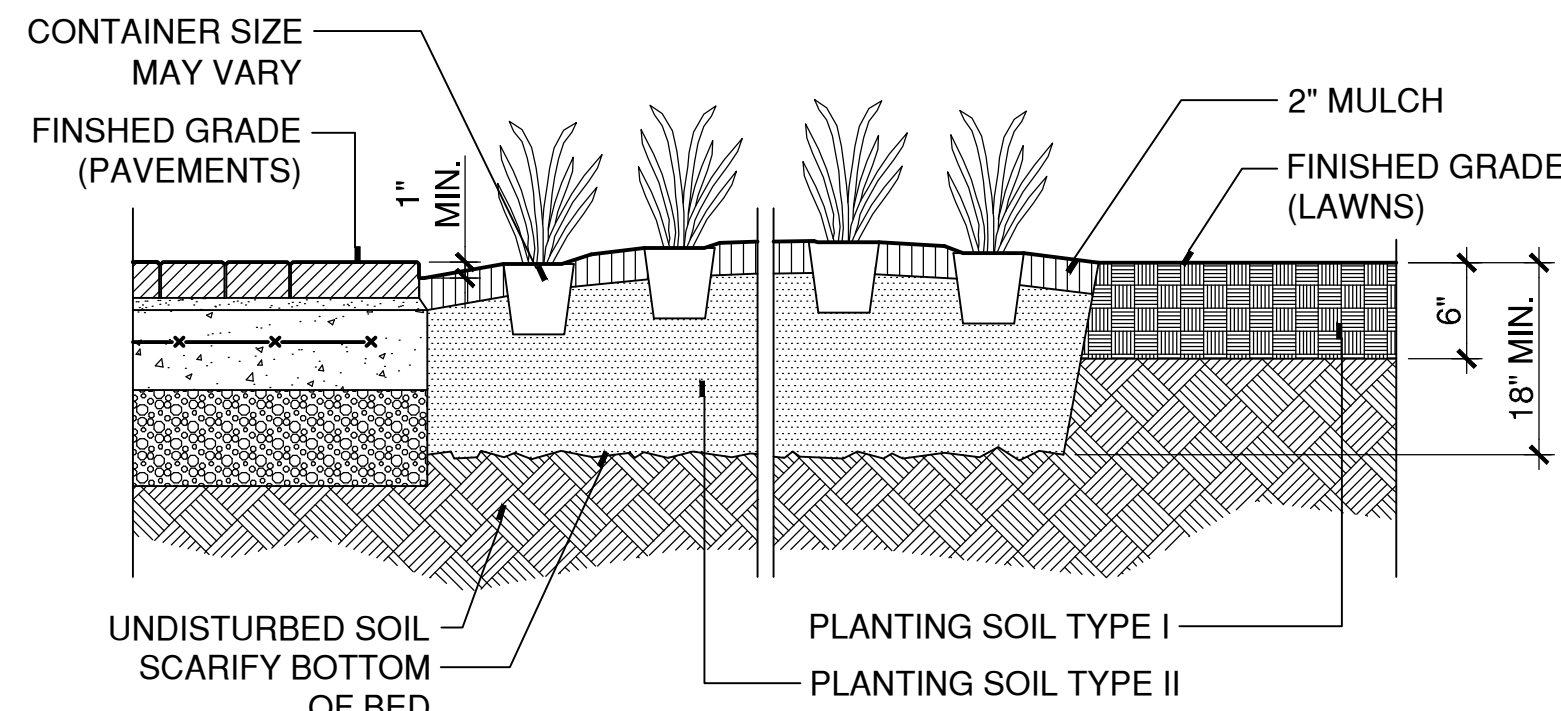


LAWN SEED MIX (SUN):
HART'S WEAR 'N TEAR LAWN SEED MIXTURE:
35% KENTUCKY BLUEGRASS
35% CREEPING RED FESCUE
20% FIESTA 4 PERENNIAL RYEGRASS
10% EXPRESS PERENNIAL RYEGRASS

LAWN SEED MIX (SHADE):
HART'S SHADE LAWN SEED MIXTURE:
40% CREEPING RED FESCUE
30% CHEWINGS FESCUE
30% TRANSIST INTERMEDIATE RYEGRASS

NOTES:

1. SET CROWN OF ROOT BALL LEVEL WITH FINISH GRADE.
2. MAINTAIN MINIMUM OF 4" PLANTING SOIL BELOW EACH INDIVIDUAL PLANT.
3. MULCH ENTIRE AREA OF GROUNDCOVER, PERENNIALS OR ANNUALS.
4. MULCH CAREFULLY AROUND EACH PLANT. DO NOT COVER CROWNS OF PLANTS WITH MULCH.



GROUNDCOVERS / PERENNIALS

3 CONTINUOUS PLANTING BED

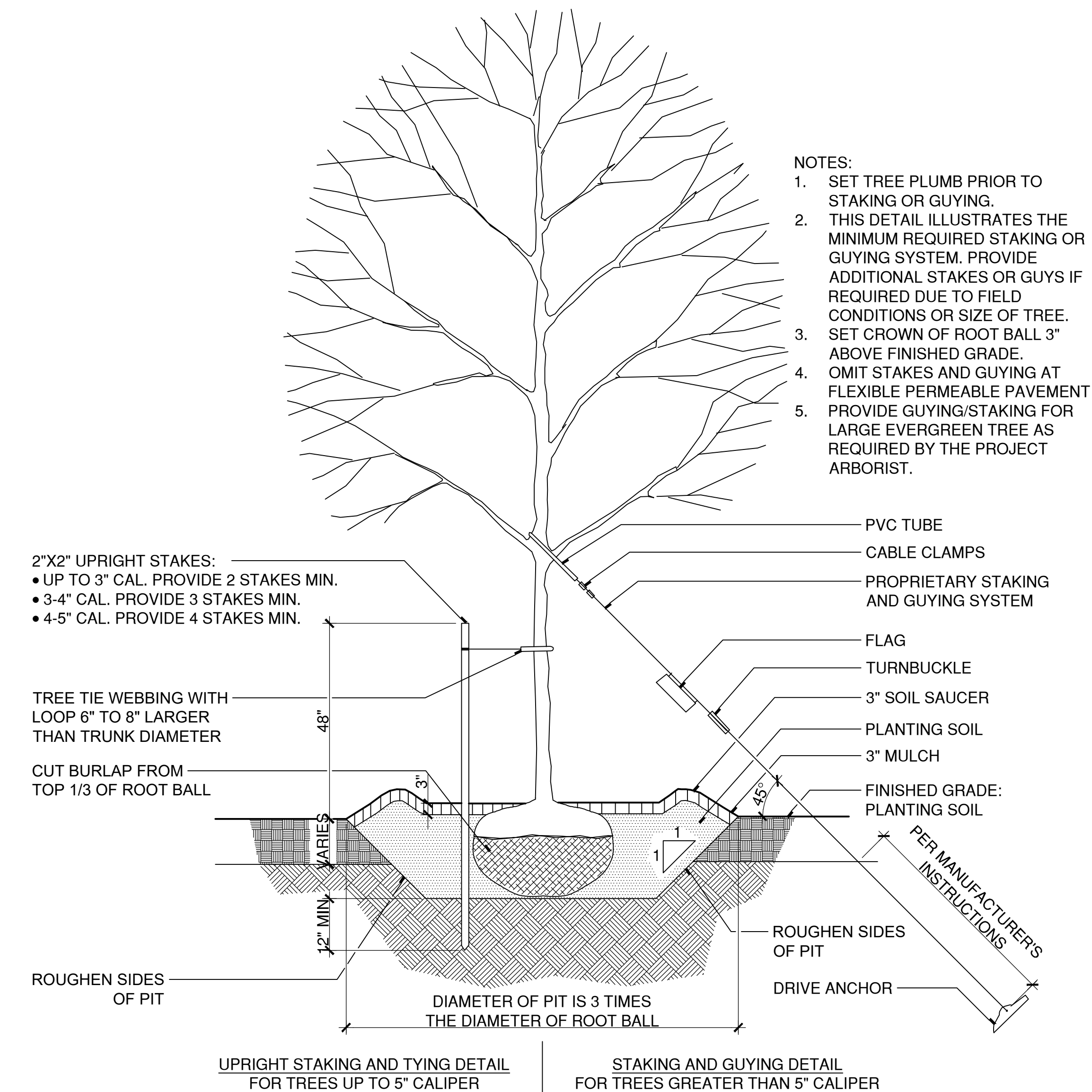
SCALE: 1"=1'

329300-C.DWG

1 TREE PLANTING WITH TRUNK STABILIZATION

SCALE: 1/2"=1'

329300-A.DWG



NOTES:

1. SET TREE PLUMB PRIOR TO STAKING OR GUYING.
2. THIS DETAIL ILLUSTRATES THE MINIMUM REQUIRED STAKING OR GUYING SYSTEM. PROVIDE ADDITIONAL STAKES OR GUYS IF REQUIRED DUE TO FIELD CONDITIONS OR SIZE OF TREE.
3. SET CROWN OF ROOT BALL 3" ABOVE FINISHED GRADE.
4. OMIT STAKES AND GUYING AT FLEXIBLE PERMEABLE PAVEMENT
5. PROVIDE GUYING/STAKING FOR LARGE EVERGREEN TREE AS REQUIRED BY THE PROJECT ARBORIST.

UPRIGHT STAKING AND TYING DETAIL
FOR TREES UP TO 5" CALIPER

STAKING AND GUYING DETAIL
FOR TREES GREATER THAN 5" CALIPER



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MDS-46

STREETSCAPE PLANT SCHEDULE - BASE BID						
CATEGORY	SYM	BOTANICAL NAME	COMMON NAME	QUANT.	SIZE	COMMENTS
DECIDUOUS TREES	AR	ACER RUBRUM 'ARMSTRONG'	ARMSTRONG RED MAPLE	15	4-4 1/2" CAL.	B&B, UNIFORM, HIGH BRANCHED TO 6'
	GB	GINKGO BILOBA 'PRINCETON SENTRY'	PRINCETON SENTRY GINKGO	4	5 1/2-6" CAL.	B&B, HEAVY SPECIMEN, UNIFORM, HIGH BRANCHED TO 6'
	GT	GLEDITSIA TRIACANTHOS VAR. INERMIS 'SHADEMASTER'	SHADEMASTER HONEYLOCUST	1	5 1/2-6" CAL.	B&B, HEAVY SPECIMEN, UNIFORM, HIGH BRANCHED TO 6'
	UP	ULMUS PAVIFOLIA 'ALLEE'	ALLEE CHINESE ELM	8	4-4 1/2" CAL.	B&B, UNIFORM, HIGH BRANCHED TO 6'
	ZS	ZELKOVA SERRATA 'GREEN VASE'	GREEN VASE JAPANESE ZELKOVA	17	4-4 1/2" CAL.	B&B, UNIFORM, HIGH BRANCHED TO 6'
EVERGREEN TREES	AF	ABIES FRASERI	FRASER FIR	1	18-20' HT.	B&B, FULL SPECIMEN
	TO	THUJA OCCIDENTALIS 'WINTERGREEN'	WINTERGREEN ARBORVITAE	26	7-8' HT.	B&B, FULL SPECIMEN
DECIDUOUS SHRUBS	HA	HYDRANGEA ARBORESCENS 'INCREDIBALL'	INCREDIBALL HYDRANGEA	6	24-30"	B&B OR CONTAINER
EVERGREEN SHRUBS	BM	BUXUS MICROPHYLLA 'GREEN VELVET'	GREEN VELVET BOXWOOD	12	24-30"	B&B OR CONTAINER
	IC	ILEX CRENATA 'STEEDS'	STEEDS UPRIGHT JAPANESE HOLLY	8	5-6' HT.	B&B OR CONTAINER
VINES AND GROUNDCOVERS	efc	EUONYMUS FORTUNEI 'COLORATUS'	WINTERCREEPER	758	#1 CONTAINER	CONTAINER @ 12" O.C.

STREETSCAPE PLANT SCHEDULE - ADD-ALTERNATE #1						
CATEGORY	SYM	BOTANICAL NAME	COMMON NAME	QUANT.	SIZE	COMMENTS
DECIDUOUS TREES	PA	PLATANUS X ACERIFOLIA 'BLOODGOOD'	BLOODGOOD LONDON PLANETREE	5	4-4 1/2" CAL.	B&B, UNIFORM, HIGH BRANCHED TO 6'
	ZS	ZELKOVA SERRATA 'GREEN VASE'	GREEN VASE JAPANESE ZELKOVA	5	4-4 1/2" CAL.	B&B, UNIFORM, HIGH BRANCHED TO 6'
VINES AND GROUNDCOVERS	efc	EUONYMUS FORTUNEI 'COLORATUS'	WINTERCREEPER	400	#1 CONTAINER	CONTAINER @ 12" O.C.

PLANTING NOTES:

- ALL EXTERIOR GROUND AREAS, NOT WITHIN WETLAND LIMITS, DISTURBED BY CONSTRUCTION AND NOT COVERED BY BUILDINGS, STRUCTURES, PAVING, CONTINUOUS PLANTING BEDS OR OTHER SITE IMPROVEMENTS SHALL BE GRADED, TOPSOILED WITH SOIL PREPARATION TO A DEPTH OF 6" AND GRASS SEEDED AT THE CONTRACTOR'S EXPENSE.
- ALL PLANT MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM TO THE REQUIREMENTS OF THE AMERICAN STANDARD FOR NURSERY STOCK ANSI Z60.1-(CURRENT EDITION).
- ALL TREE STAKING OR GUYING SHALL BE DONE IMMEDIATELY AFTER PLANTING, BUT IN NO INSTANCE MORE THAN 24 HOURS AFTER PLANTING. SEE STAKING/GUYING DETAIL. AT COMPLETION OF MAINTENANCE PERIOD REMOVE ALL STAKES, FLAGS, GUYS, TREE WRAP, AND ANCHORS.
- MULCH ALL NEW SHRUB BEDS AND PLANT PITS TO ACHIEVE A 3" DEPTH (AFTER SETTLEMENT). MULCH ALL GROUND COVER BEDS TO ACHIEVE A 2" DEPTH (AFTER SETTLEMENT). MULCH FOR SAUCERS AND PLANTING AREAS TO BE A DOUBLE SHREDDED BARK MULCH. ALL LAWN AND PLANTING AREA SOIL PREPARATION SHALL BE FERTILIZED AND AMENDED ACCORDING TO RECOMMENDATIONS OF A SOIL ANALYSIS PROVIDED BY AN APPROVED SOIL TESTING LABORATORY, AND APPROVED BY THE LANDSCAPE ARCHITECT.
- FOR TREE AND SHRUB PLANTING REQUIREMENTS SEE TREE PLANTING AND SHRUB PLANTING DETAILS ON SHEET MDS-45.
- FURNISH AND INSTALL ROOT BARRIER AT ALL TREE PLANTINGS WHEREVER TREE ROOT BALL IS LOCATED WITHIN 8 FEET OF PAVEMENT OR AS DIRECTED BY LANDSCAPE ARCHITECT. INSTALL IN ACCORDANCE WITH MANUFACTURERS SPECIFICATION AND INSTALLATION MANUAL.
- FOR PLANTING AND LANDSCAPE INSTALLATION, MAINTENANCE PROTECTION AND GUARANTY REQUIREMENTS SEE THE FOLLOWING SPECIFICATIONS SECTIONS:
 - 0944000A - FURNISHING AND PLACING TOPSOIL
 - 0944105A - STRUCTURAL SOIL FOR TREE PLANTING
 - 0949000A - WOOD CHIP MULCH
 - 0949003A & 0949004A - FURNISHING, PLANTING AND MULCHING TREES, SHRUBS, VINES AND GROUND COVER
 - 0950005A - TURF ESTABLISHMENT
- PRIOR TO ORDERING ANNUALS, NOTIFY LANDSCAPE ARCHITECT TWO WEEKS IN ADVANCE. LANDSCAPE ARCHITECT WILL CONFIRM FINAL LIST OF ANNUALS WITHIN TWO WEEKS OF NOTIFICATION.
- PLANTER BOX ANNUALS, PERENNIALS, AND GRASSES TO BE SPACED 12" O.C. OR AS FIELD DIRECTED BY LANDSCAPE ARCHITECT.
- IF PLANTER BOXES PLANTING CANNOT BE COMPLETED BY JUNE 1, PLANTING MUST OCCUR DURING THE FOLLOWING PLANTING SEASON.
- BEFORE FILLING AND PLANTING THE PLANTER BOXES, VERIFY THAT THE PLANTER BOXES ARE COMPLETE IN ACCORDANCE WITH THE DRAWINGS AND MANUFACTURER SPECIFICATIONS; INCLUDING DRAINAGE HOLES AND MATERIALS, FILTER FABRIC, INSULATION, WATERPROOFING AND PROTECTION LAYERS. ENSURE THAT THE PLANTER BOX DRAINAGE SYSTEM IS COMPLETE AND FUNCTIONING. ENSURE THAT PLANTER BOXES ARE CLEAN AND FREE OF DEBRIS AND CONTAMINANTS.
- FILL PLANTER BOXES WITH APPROVED PLANTING SOIL. FILL TO A LEVEL SUFFICIENTLY ABOVE THE FINAL SURFACE TO ACCOMMODATE SETTLEMENT OF THE MIX DURING PLANTING AND WATERING OPERATIONS. AFTER PLANTING, WATER THOROUGHLY UNTIL WATER DRAINS FREELY THROUGH THE DRAINAGE HOLES.
- MULCH ALL PLANTER BOXES TO A DEPTH OF 2-INCHES AS DIRECTED ON MDS-45.
- ADD GRANULAR ORGANIC FERTILIZER AT PLANTING TIME, THEN WATER WEEKLY WITH A HALF-STRENGTH, WATER-SOLUBLE FERTILIZER DURING THE FIRST GROWING SEASON.
- EACH WEEK DURING THE FIRST GROWING SEASON, REMOVE SPENT FLOWERS AND PINCH BACK LEGGY STEMS.
- IN LATE FALL OF THE FIRST GROWING SEASON, PROVIDE EXTRA MULCH AND BALED STRAW FOR WINTER HARDY PLANTS IN PLANTER BOXES TO PREVENT DRYING OUT AND PROVIDE INSULATION FROM WINTER COLD.

PLANTER BOX PLANT SCHEDULE - BASE BID						
CATEGORY	SYM	BOTANICAL NAME	COMMON NAME	QUANT.	SIZE	COMMENTS
EVERGREEN SHRUBS	BM	BUXUS MICROPHYLLA 'GREEN VELVET'	GREEN VELVET BOXWOOD	21	24-30"	B&B OR CONTAINER; HEAVY, MATCHING
ORNAMENTAL GRASSES	fg	FESTUCA GLAUCA 'ELIJAH BLUE'	ELIJAH BLUE FESCUE	20	1 GAL.	CONTAINER; SEE NOTE 10
	hm	HAKONECHLOA MACRA	JAPANESE FOREST GRASS	6	1 GAL.	CONTAINER; SEE NOTE 10
PERENNIALS	vm	VINCA MINOR 'BOWLES'	BOWLES' PERIWINKLE	98	2 YR. ROOTED CUTTINGS	SEE NOTE 10
	hs	HOSTA SIEBOLDIANA 'FRANCES WILLIAMS'	FRANCES WILLIAMS HOSTA	6	1 GAL.	CONTAINER; SEE NOTE 10
	an	ATHYRIUM NIPONICUM 'PICTUM'	JAPANESE PAINTED FERN	12	1 GAL.	CONTAINER; SEE NOTE 10
ANNUALS	pe	PETUNIA 'EASY WAVE PINK PASSION'	PETUNIA	9	5" POT	SEE NOTE 9 & 10
	hf	HELIOTROPE 'FRAGRANT DELIGHT'	HELIOTROPE	9	5" POT	SEE NOTE 9 & 10
	lr	LOBULARIA 'RASPBERRY STREAM'	SWEET ALYSSUM	9	5" POT	SEE NOTE 9 & 10
	cm	COLEUS 'MAIN STREET RODEO DRIVE'	COLEUS	9	5" POT	SEE NOTE 9 & 10
	ch	COLEUS 'HENNA'	COLEUS	8	5" POT	SEE NOTE 9 & 10
	cr	COLEUS 'RATTLESNAKE'	COLEUS	8	5" POT	SEE NOTE 9 & 10
	cb	COLEUS 'BLACK MAGIC'	COLEUS	8	5" POT	SEE NOTE 9 & 10
	cg	COLEUS 'GARNET ROBE'	COLEUS	8	5" POT	SEE NOTE 9 & 10
	ib	IPOMOEA BATATAS 'SWEET CAROLINE LIGHT GREEN'	SWEET POTATO VINE	16	5" POT	SEE NOTE 9 & 10

PLANTER BOX PLANT SCHEDULE - ADD-ALTERNATE #1						
CATEGORY	SYM	BOTANICAL NAME	COMMON NAME	QUANT.	SIZE	COMMENTS
EVERGREEN SHRUBS	BM	BUXUS MICROPHYLLA 'GREEN VELVET'	GREEN VELVET BOXWOOD	27	24-30"	B&B OR CONTAINER; HEAVY, MATCHING
ORNAMENTAL GRASSES	fg	FESTUCA GLAUCA 'ELIJAH BLUE'	ELIJAH BLUE FESCUE	12	1 GAL.	CONTAINER; SEE NOTE 10
	ph	PENNISETUM ALOPECUROIDES 'HAMLIN'	DWARF FOUNTAIN GRASS	48	1 GAL.	CONTAINER; SEE NOTE 10
	so	SCHIZACHYRIUM SCOPARIUM 'STANDING OVATION'	STANDING OVATION LITTLE BLUESTEM	24	1 GAL.	CONTAINER; SEE NOTE 10
PERENNIALS	vm	VINCA MINOR 'BOWLES'	BOWLES' PERIWINKLE	18	2 YR. ROOTED CUTTINGS	SEE NOTE 10
ANNUALS	pe	PETUNIA 'EASY WAVE PINK PASSION'	PETUNIA	6	5" POT	SEE NOTE 9 & 10
	hf	HELIOTROPE 'FRAGRANT DELIGHT'	HELIOTROPE	6	5" POT	SEE NOTE 9 & 10
	lr	LOBULARIA 'RASPBERRY STREAM'	SWEET ALYSSUM	6	5" POT	SEE NOTE 9 & 10
	cm	COLEUS 'MAIN STREET RODEO DRIVE'	COLEUS	6	5" POT	SEE NOTE 9 & 10
	ch	COLEUS 'HENNA'	COLEUS	4	5" POT	SEE NOTE 9 & 10
	cr	COLEUS 'RATTLESNAKE'	COLEUS	4	5" POT	SEE NOTE 9 & 10
	cb	COLEUS 'BLACK MAGIC'	COLEUS	4	5" POT	SEE NOTE 9 & 10
	cg	COLEUS 'GARNET ROBE'	COLEUS	4	5" POT	SEE NOTE 9 & 10
	ib	IPOMOEA BATATAS 'SWEET CAROLINE LIGHT GREEN'	SWEET POTATO VINE	8	5" POT	SEE NOTE 9 & 10
ls	LOBULARIA 'SILVER STREAM'	SWEET ALYSSUM	48	5" POT	SEE NOTE 9 & 10	
ca	CORDYLINE AUSTRALIS 'RED STAR'	CABBAGE PALM	12	8" POT	SEE NOTE 9 & 10	
pr	PETUNIA 'TIDAL WAVE RED VELOUR'	PETUNIA	96	5" POT	SEE NOTE 9 & 10	



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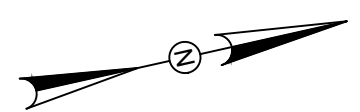
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REV	DESCRIPTION	DSN / CHK	APP	DATE

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SCALE VERIFICATION



THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING



IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

0 80 160
SCALE: 1" = 80' SCALE IN FEET

ORIGINAL DRAWING SIZE IS 22 x 34

OVERALL DEMOLITION PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK

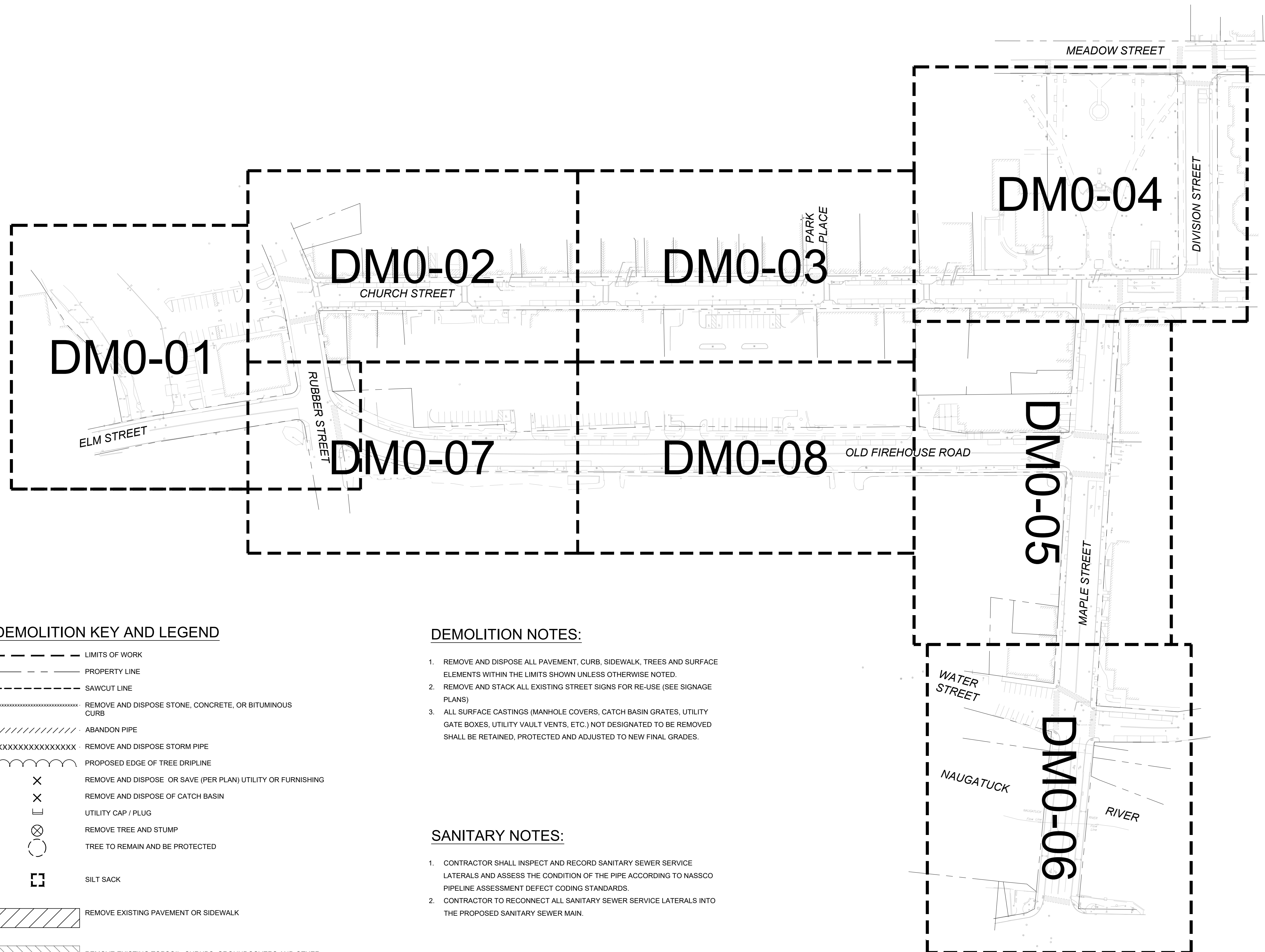


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

DMO-00



DEMOLITION KEY AND LEGEND

- LIMITS OF WORK
- PROPERTY LINE
- SAWCUT LINE
- REMOVE AND DISPOSE STONE, CONCRETE, OR BITUMINOUS CURB
- ABANDON PIPE
- REMOVE AND DISPOSE STORM PIPE
- PROPOSED EDGE OF TREE DRIPLINE
- REMOVE AND DISPOSE OR SAVE (PER PLAN) UTILITY OR FURNISHING
- REMOVE AND DISPOSE OF CATCH BASIN
- UTILITY CAP / PLUG
- REMOVE TREE AND STUMP
- TREE TO REMAIN AND BE PROTECTED
- SILT SACK
- REMOVE EXISTING PAVEMENT OR SIDEWALK
- REMOVE EXISTING TOPSOIL, SHRUBS, GROUNDCOVERS AND OTHER VEGETATION.
- REMOVE EXISTING CONCRETE PAVERS
- PAVEMENT - MILL & OVERLAY
- REMOVAL OF CONCRETE PAVEMENT (MAPLE STREET)

DEMOLITION NOTES:

- REMOVE AND DISPOSE ALL PAVEMENT, CURB, SIDEWALK, TREES AND SURFACE ELEMENTS WITHIN THE LIMITS SHOWN UNLESS OTHERWISE NOTED.
- REMOVE AND STACK ALL EXISTING STREET SIGNS FOR RE-USE (SEE SIGNAGE PLANS)
- ALL SURFACE CASTINGS (MANHOLE COVERS, CATCH BASIN GRATES, UTILITY GATE BOXES, UTILITY VAULT VENTS, ETC.) NOT DESIGNATED TO BE REMOVED SHALL BE RETAINED, PROTECTED AND ADJUSTED TO NEW FINAL GRADES.

SANITARY NOTES:

- CONTRACTOR SHALL INSPECT AND RECORD SANITARY SEWER SERVICE LATERALS AND ASSESS THE CONDITION OF THE PIPE ACCORDING TO NASSCO PIPELINE ASSESSMENT DEFECT CODING STANDARDS.
- CONTRACTOR TO RECONNECT ALL SANITARY SEWER SERVICE LATERALS INTO THE PROPOSED SANITARY SEWER MAIN.



DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

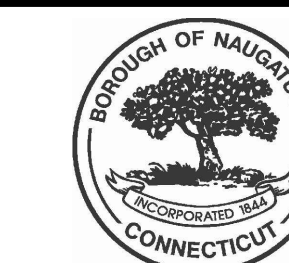
SCALE VERIFICATION

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0 20 40
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DEMOLITION PLAN
DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

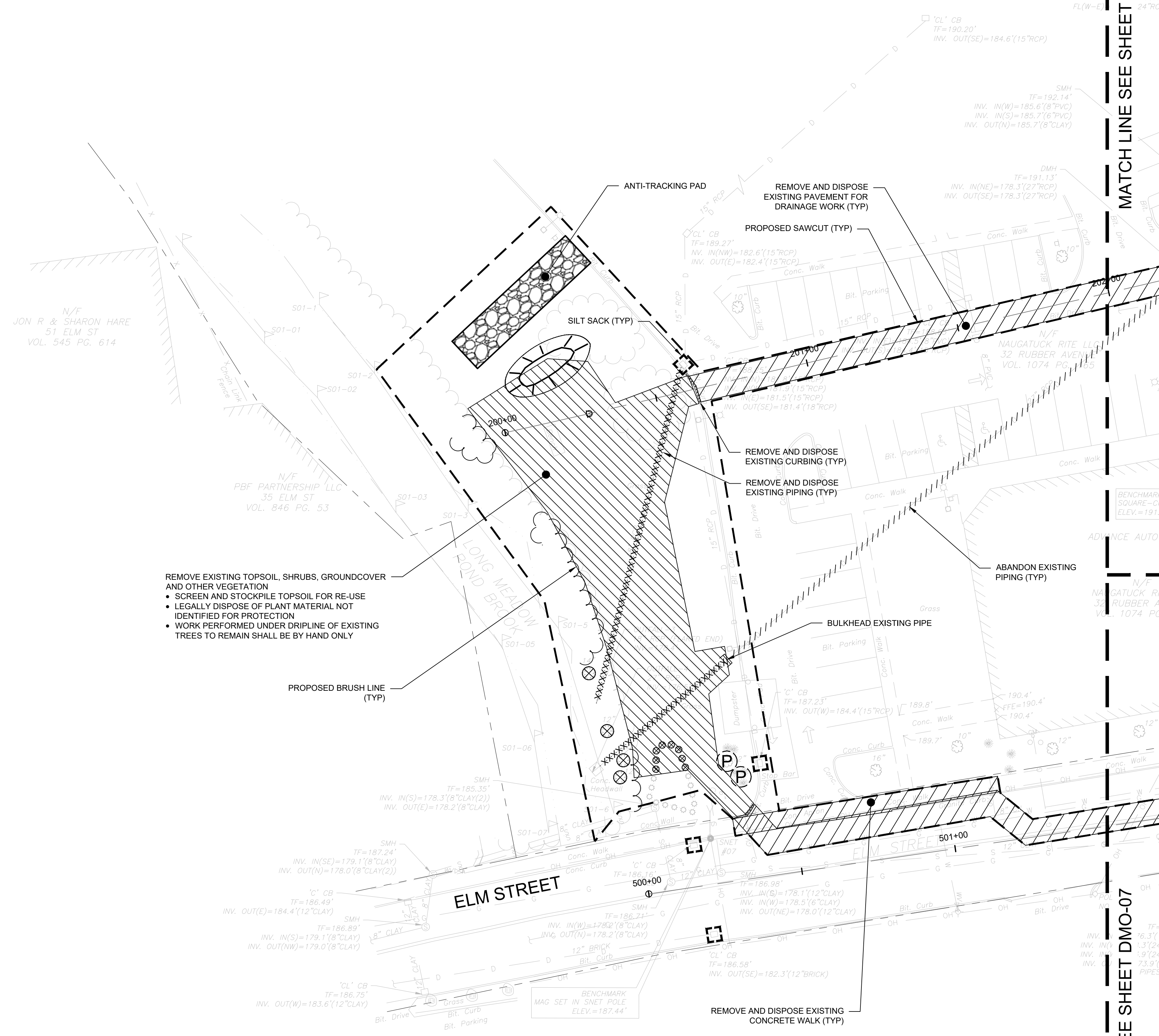


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION	
PROJECT NO. 20225069.002A	DMO-01
ISSUE DATE 06/30/2023	
CURRENT REVISION IFC	
DESIGNED BY K.VIOLETTE	
DRAWN BY J.PERKINS	
CHECKED BY P. KING	
APPROVED BY N.KULIKAUSKAS	

MATCH LINE SEE SHEET DMO-02

MATCH LINE SEE SHEET DMO-07



- REMOVE EXISTING TOPSOIL, SHRUBS, GROUND COVER AND OTHER VEGETATION
- SCREEN AND STOCKPILE TOPSOIL FOR RE-USE
- LEGALLY DISPOSE OF PLANT MATERIAL NOT IDENTIFIED FOR PROTECTION
- WORK PERFORMED UNDER DRIPLINE OF EXISTING TREES TO REMAIN SHALL BE BY HAND ONLY

NOTE: REFER TO TREE PRESERVATION PLAN SHEETS
REFER TO SIGNAGE PLAN SHEETS



DRAWING ISSUE

REV	DESCRIPTION	DATE

REVISIONS

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ISSUED FOR CONSTRUCTION

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DEMOLITION PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



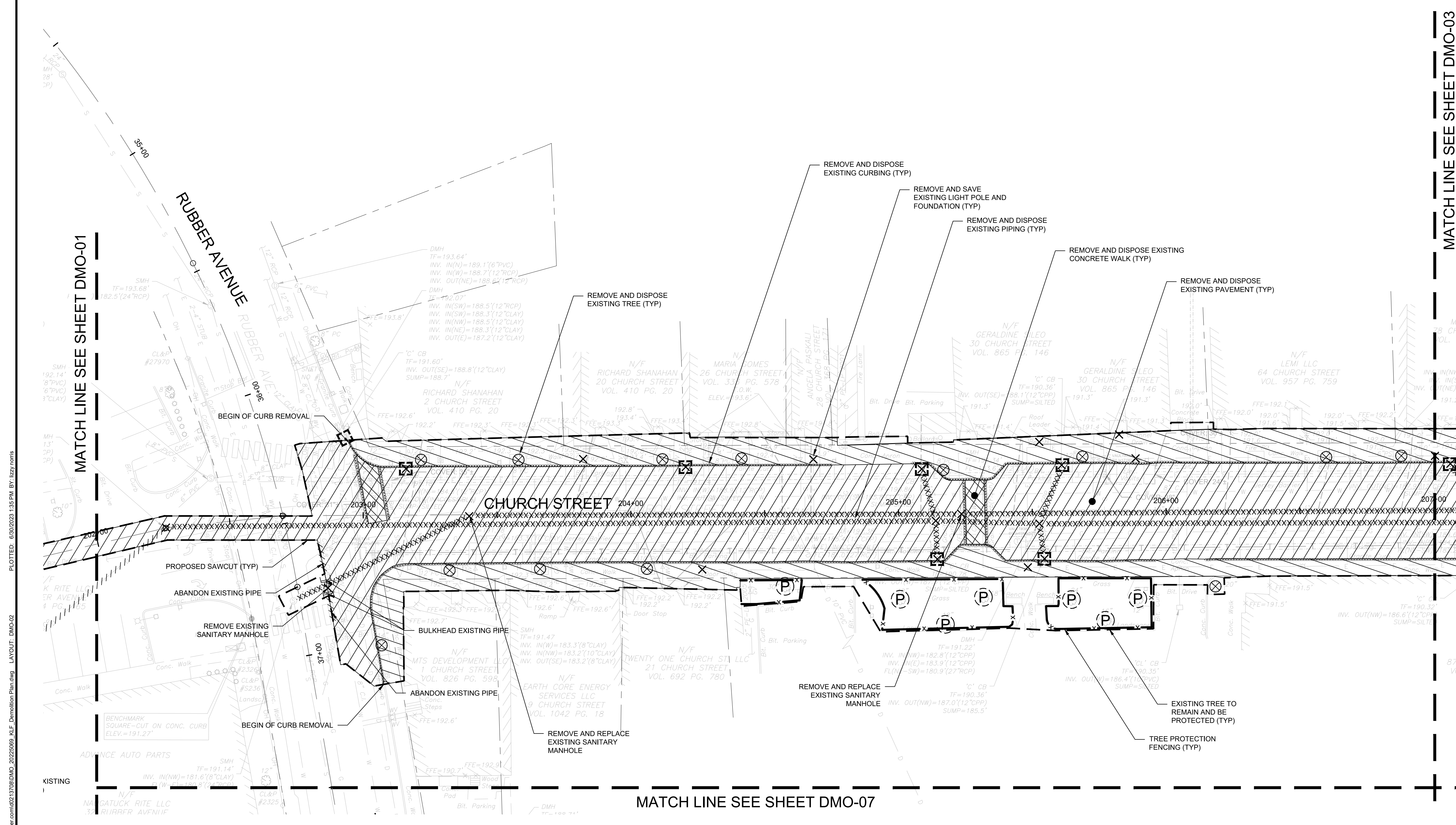
BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

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CHECKED BY	P. KING
APPROVED BY	N.KULKAUSKAS

DMO-02

NOTE: REFER TO TREE PRESERVATION PLAN SHEETS
REFER TO SIGNAGE PLAN SHEETS



MATCH LINE SEE SHEET DMO-03

MATCH LINE SEE SHEET DMO-01

MATCH LINE SEE SHEET DMO-07

CAD FILE: C:\pwworking\kleinfelder\proj\20225069\DMO_20225069_KLF_Demolition Plan.dwg LAYOUT: DMO-02 PLOTTED: 6/30/2023 1:15 PM BY: lzy, rcm



DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

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DEMOLITION PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

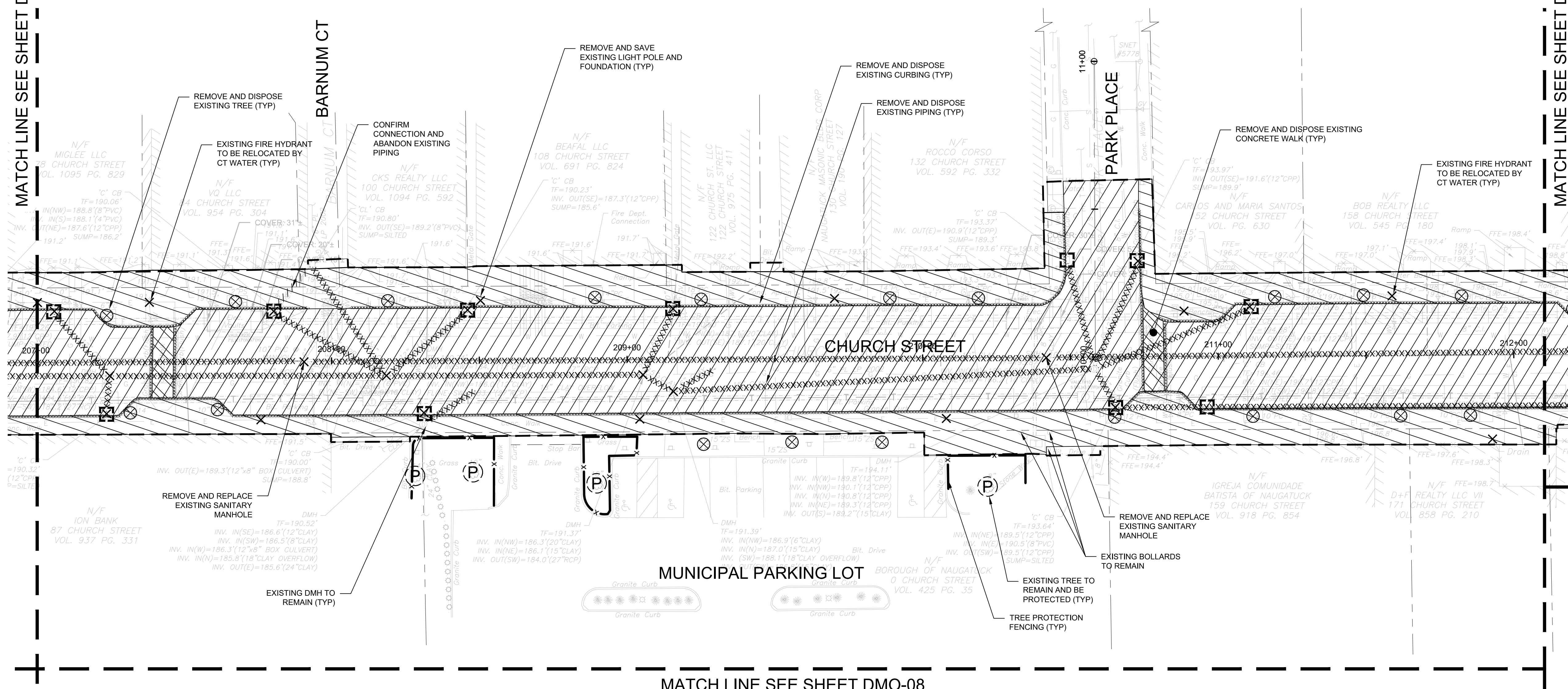
PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
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DMO-03

NOTE: REFER TO TREE PRESERVATION PLAN SHEETS
REFER TO SIGNAGE PLAN SHEETS

MATCH LINE SEE SHEET DMO-02

MATCH LINE SEE SHEET DMO-04



MATCH LINE SEE SHEET DMO-08

CAD FILE: C:\pwworking\kleinfelder\proj\2022\20225069_002\20225069_KLF_Demolition Plan.dwg LAYOUT: DMO-03 PLOTTED: 6/30/2023 1:15 PM BY: bzy, rcm



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REV	DESCRIPTION	DATE

REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

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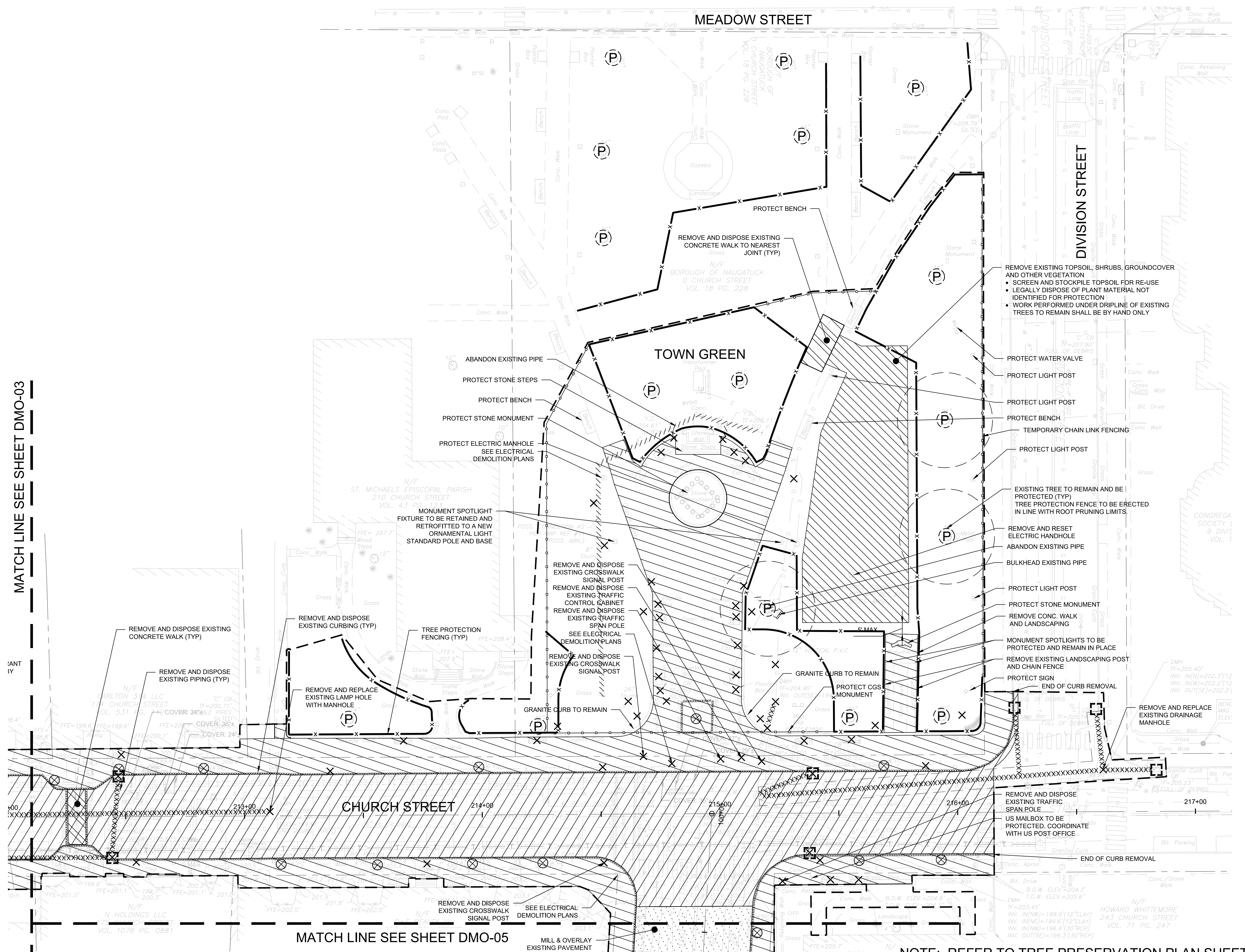
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DEMOLITION PLAN
DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK

BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

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MATCH LINE SEE SHEET DMO-03

MATCH LINE SEE SHEET DMO-05

NOTE: REFER TO TREE PRESERVATION PLAN SHEETS
REFER TO SIGNAGE PLAN SHEETS

CAD FILE: C:\pwworking\kleinfelder.com\2022\2069.DMO_20225069.KLF_Demolition Plan.dwg LAYOUT: DMO-04 PLOTTED: 6/30/2023 1:15 PM BY: lzyj, rcmr



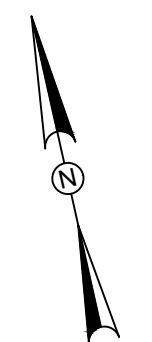
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REV	DESCRIPTION	DATE

REVISIONS

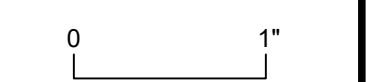
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ISSUED FOR CONSTRUCTION



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DEMOLITION PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK

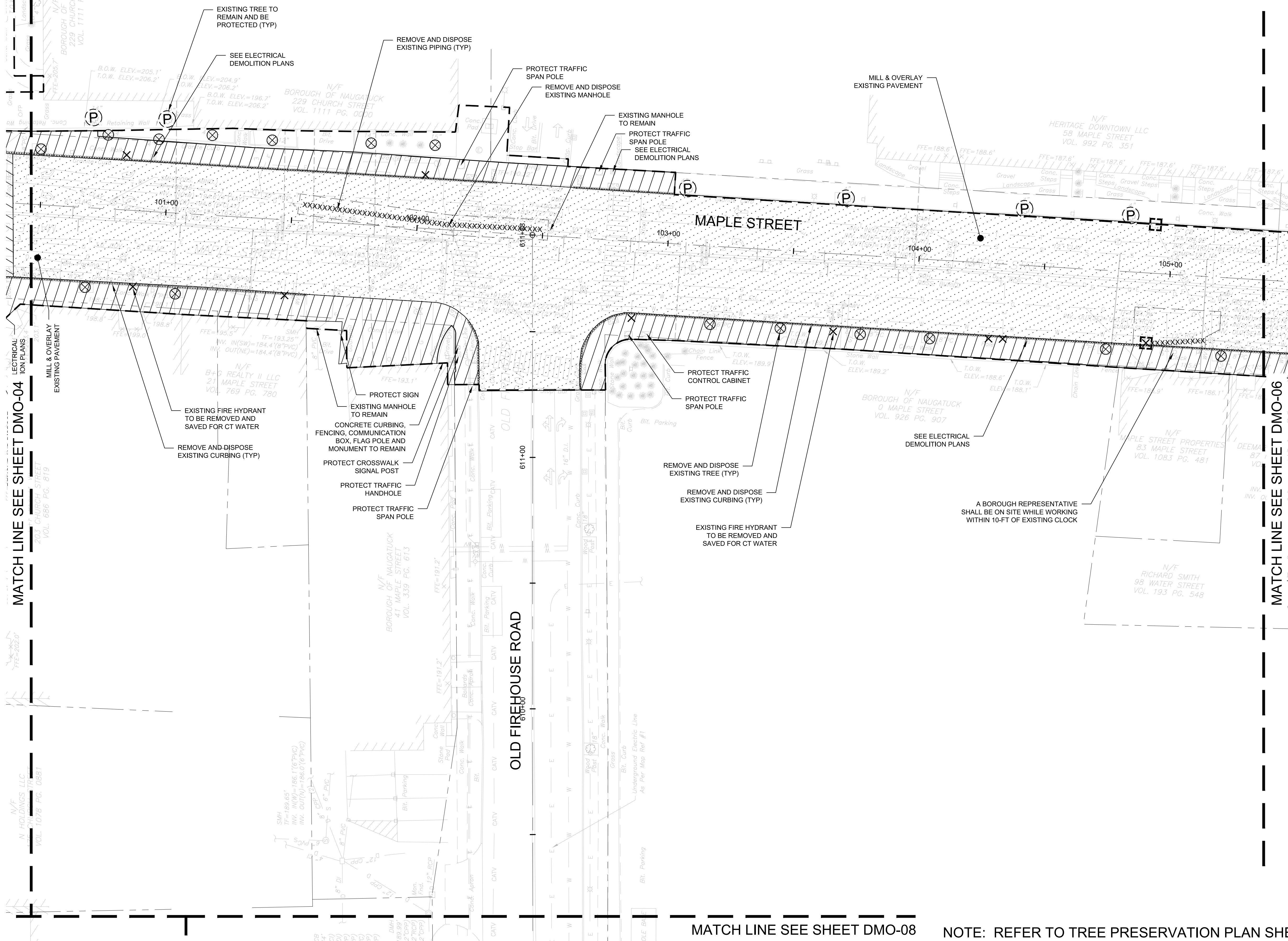


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

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CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

DMO-05



MATCH LINE SEE SHEET DMO-04

MATCH LINE SEE SHEET DMO-06

MATCH LINE SEE SHEET DMO-08

NOTE: REFER TO TREE PRESERVATION PLAN SHEETS
REFER TO SIGNAGE PLAN SHEETS



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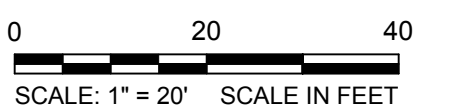
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DEMOLITION ENLARGEMENT PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



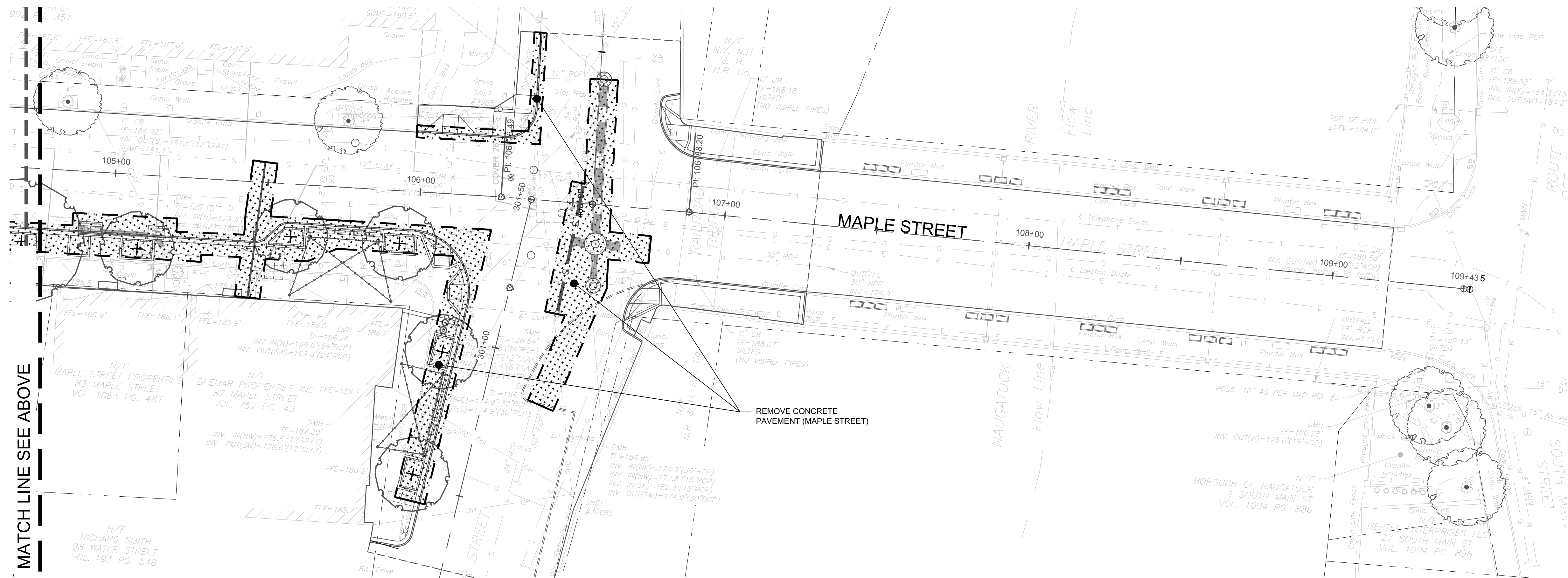
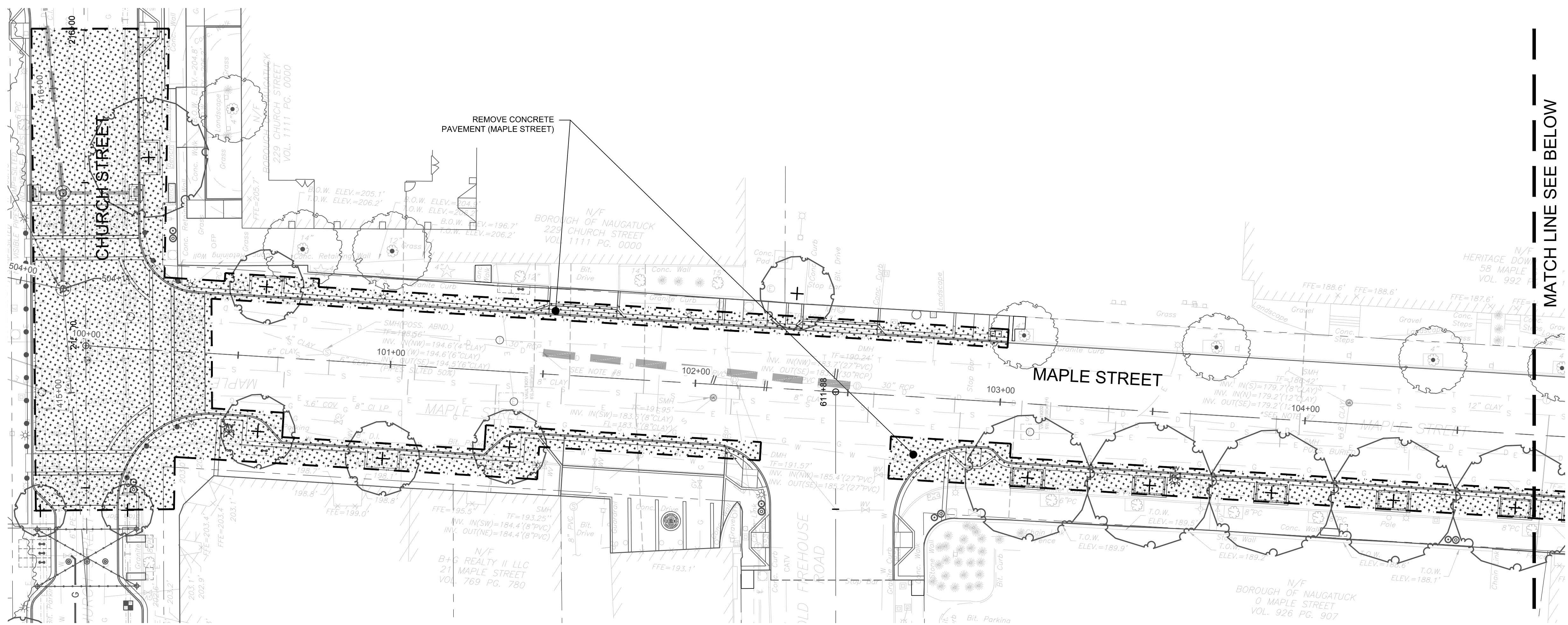
BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

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CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

DMO-05B

MATCH LINE SEE BELOW



MATCH LINE SEE ABOVE



DRAWING ISSUE

REV	DESCRIPTION	DATE

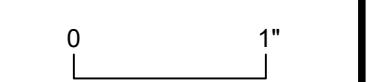
REVISIONS

REV	DESCRIPTION	DSN	CHK	APP	DATE

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DEMOLITION PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

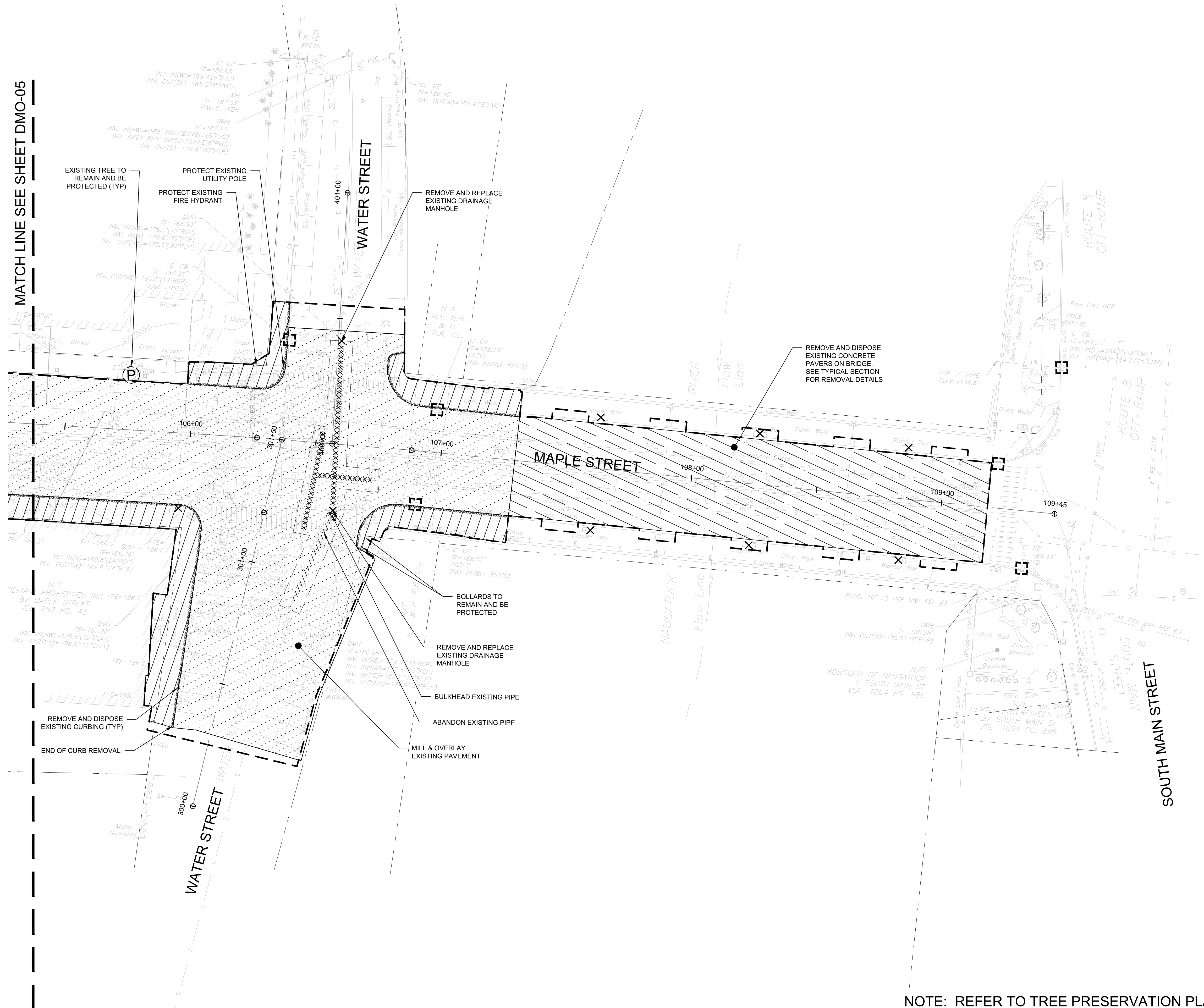


BOROUGH OF NAUGATUCK
229 CHURCH STREET
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DMO-06



MATCH LINE SEE SHEET DMO-05

NOTE: REFER TO TREE PRESERVATION PLAN SHEETS
REFER TO SIGNAGE PLAN SHEETS



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DEMOLITION PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

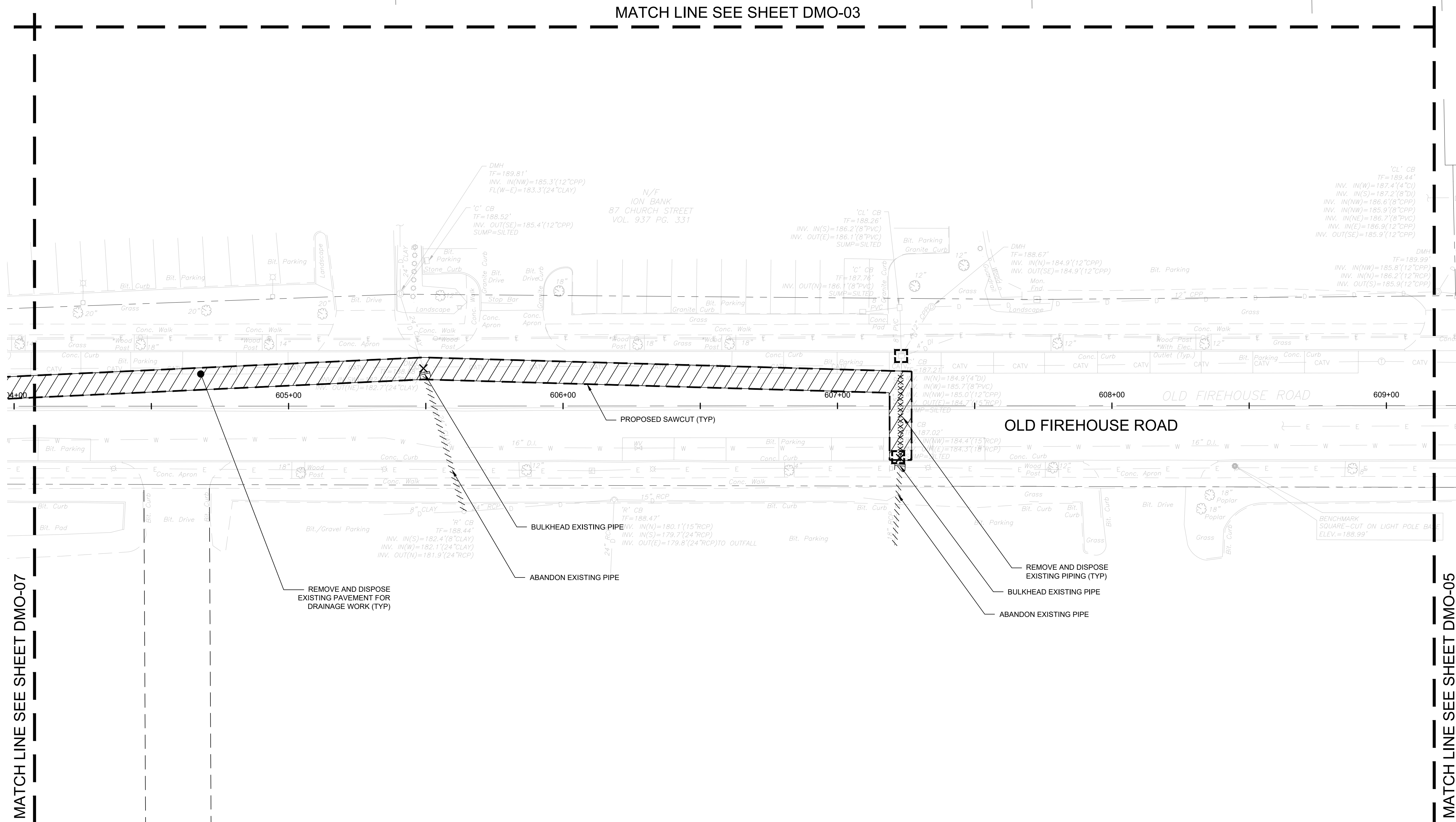
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DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
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APPROVED BY	N.KULIKAUSKAS

DMO-08

NOTE: REFER TO TREE PRESERVATION PLAN SHEETS
REFER TO SIGNAGE PLAN SHEETS

MATCH LINE SEE SHEET DMO-03



MATCH LINE SEE SHEET DMO-07

MATCH LINE SEE SHEET DMO-05



DRAWING ISSUE		
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REVISIONS				
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OVERALL CONSTRUCTION PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

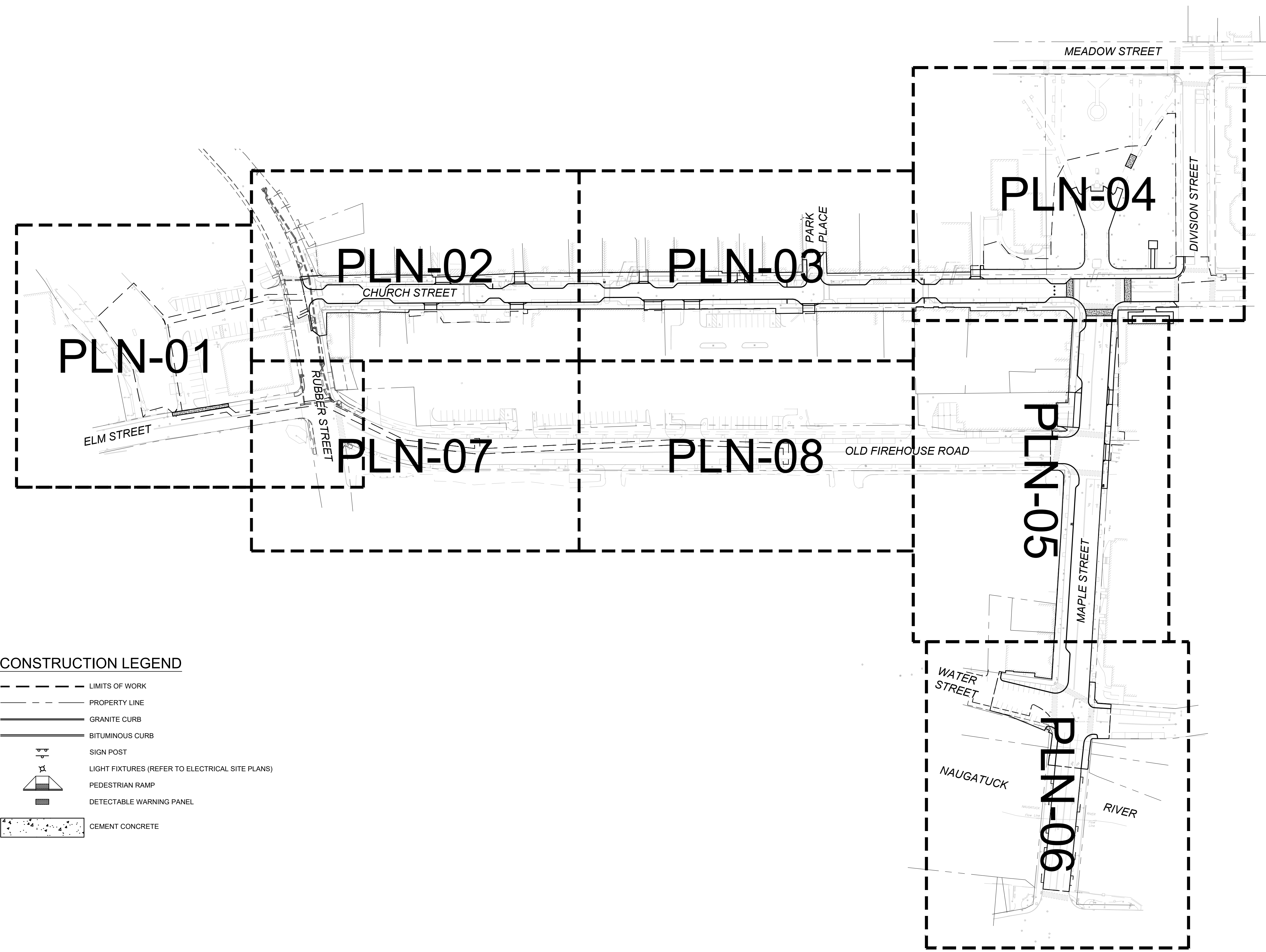


BOROUGH OF NAUGATUCK
229 CHURCH STREET
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PLN-00



CONSTRUCTION LEGEND

- LIMITS OF WORK
- PROPERTY LINE
- GRANITE CURB
- BITUMINOUS CURB
- SIGN POST
- LIGHT FIXTURES (REFER TO ELECTRICAL SITE PLANS)
- PEDESTRIAN RAMP
- DETECTABLE WARNING PANEL
- CEMENT CONCRETE

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DRAWING ISSUE		
REV	DESCRIPTION	DATE

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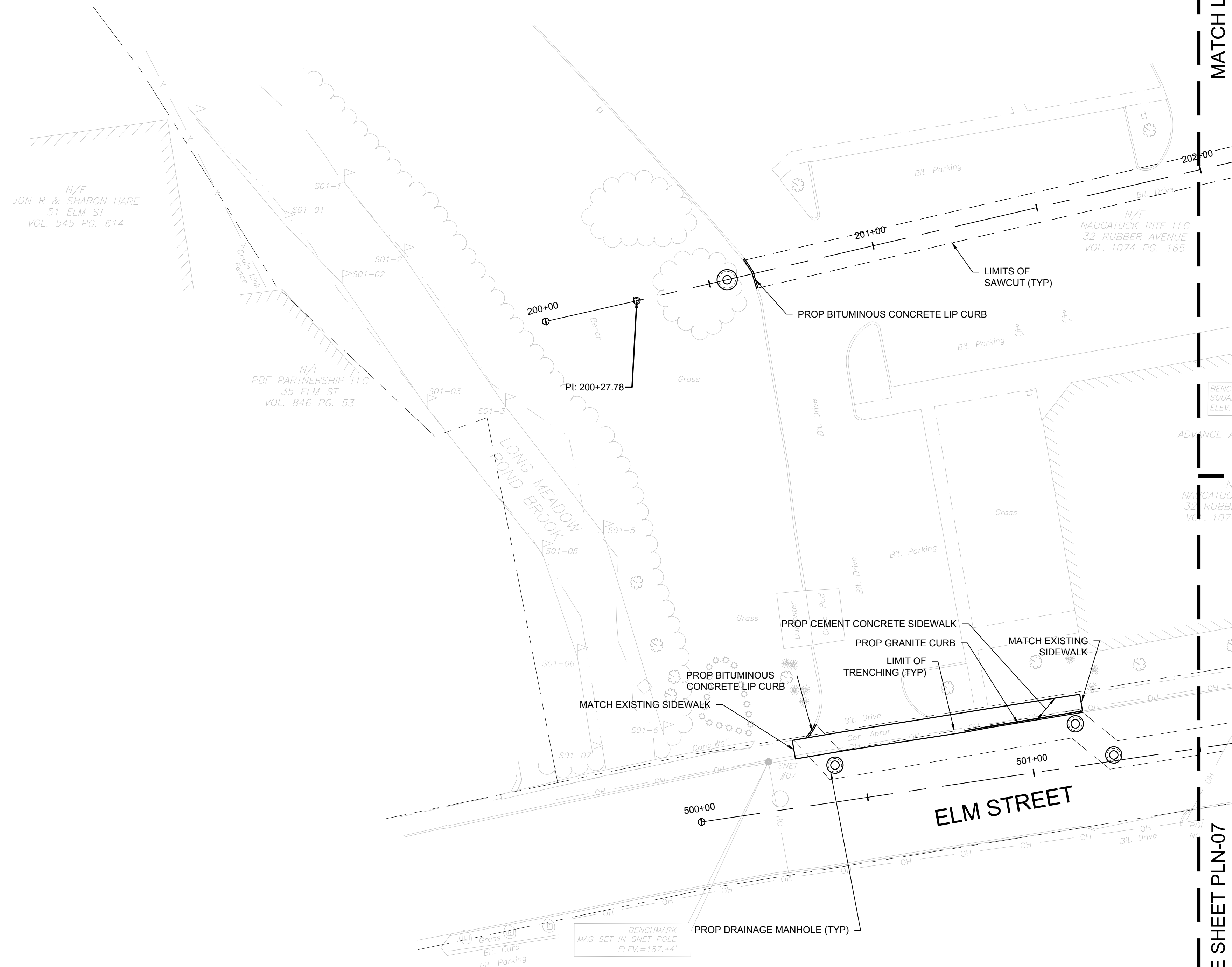
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SCALE: 1" = 20' SCALE IN FEET
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CONSTRUCTION PLAN
DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION		PLN-01
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APPROVED BY	N.KULIKAUSKAS	



MATCH LINE SEE SHEET PLN-02

MATCH LINE SEE SHEET PLN-07



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CONSTRUCTION PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

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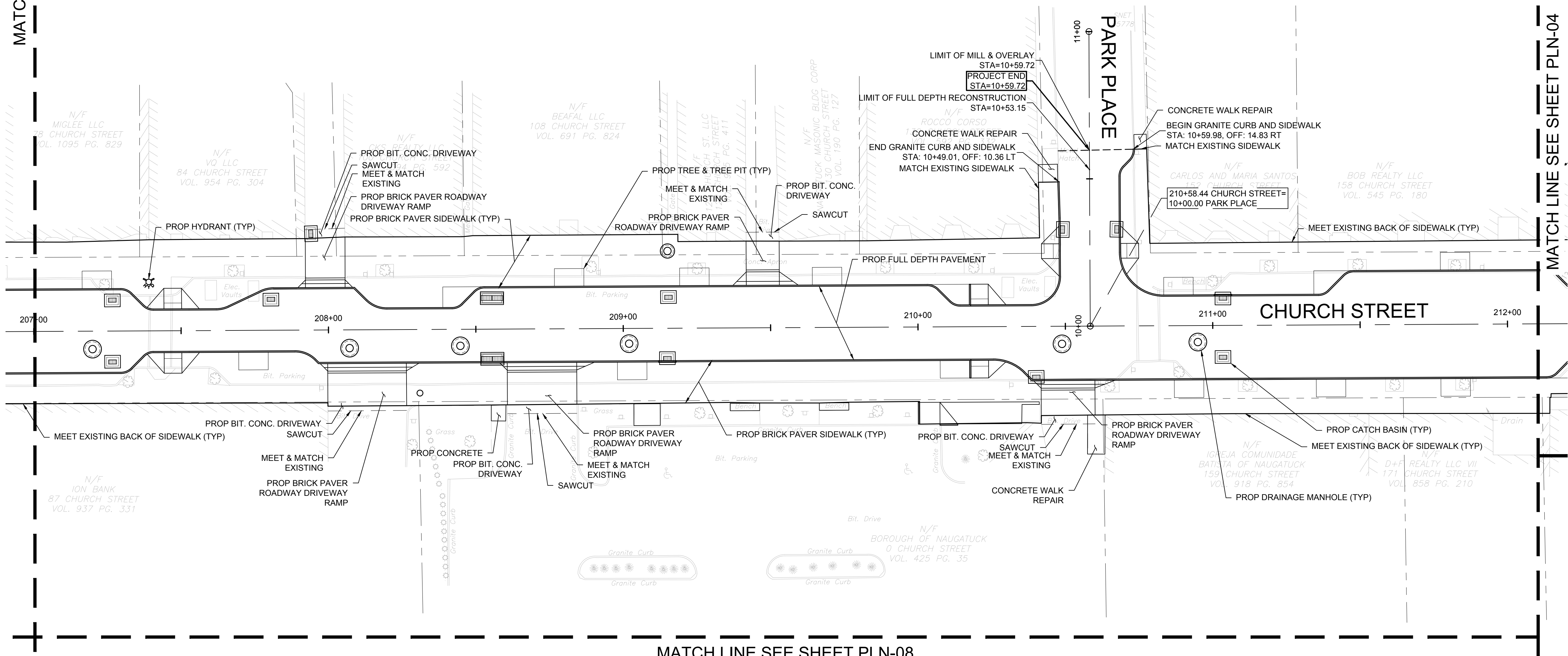
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PLN-03

MATCH LINE SEE SHEET PLN-02

MATCH LINE SEE SHEET PLN-04

MATCH LINE SEE SHEET PLN-08





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CONSTRUCTION PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

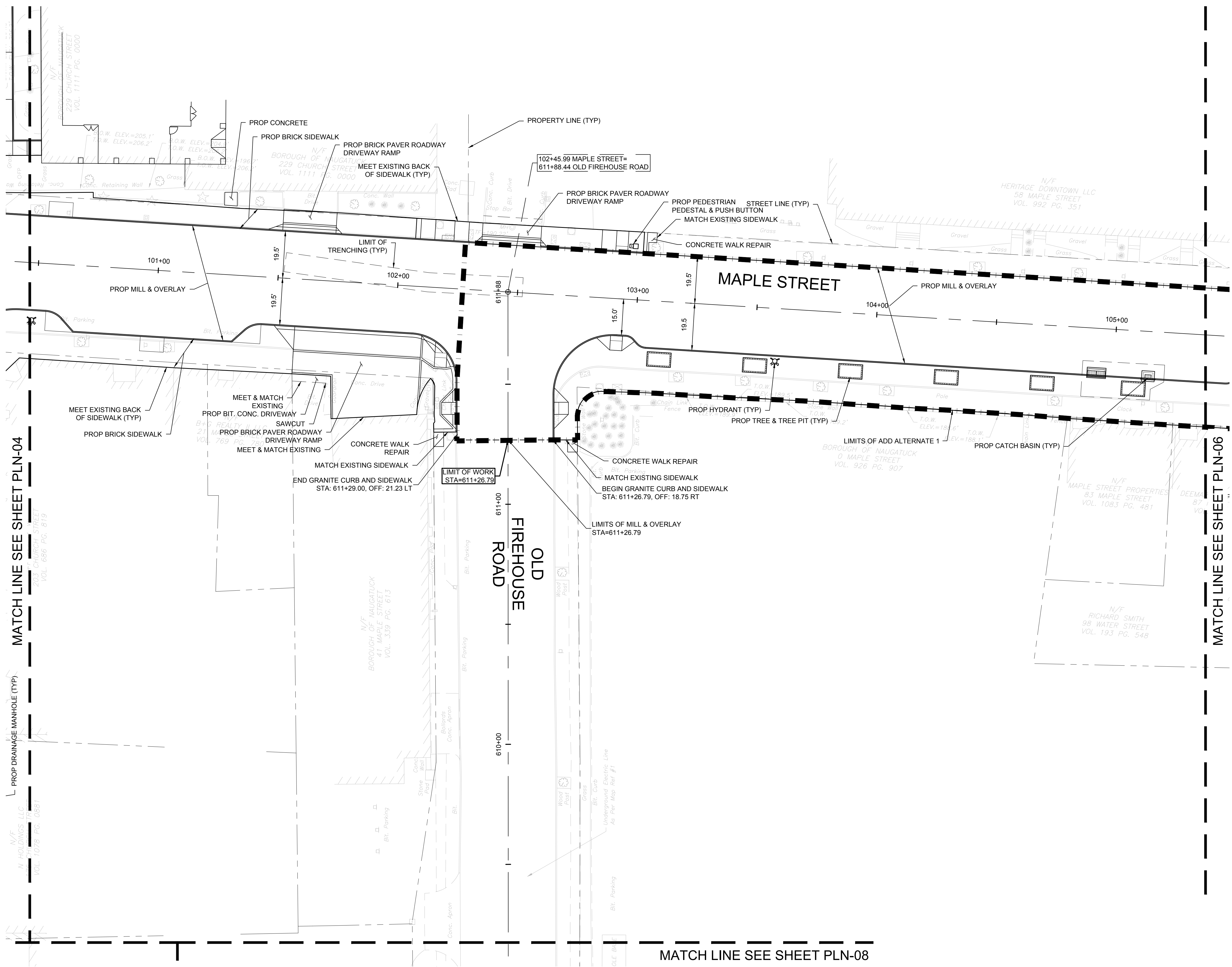


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CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

PLN-05



CAD FILE: C:\pwworking\kleinfelder.com\d0213708\PLN_20225069_MLF_Construction Plans.dwg LAYOUT: PLN-05
 PLOTTED: 6/29/2023 4:09 PM BY: jacqui.perkins

MATCH LINE SEE SHEET PLN-04

MATCH LINE SEE SHEET PLN-06

MATCH LINE SEE SHEET PLN-08



DRAWING ISSUE

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CONSTRUCTION PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



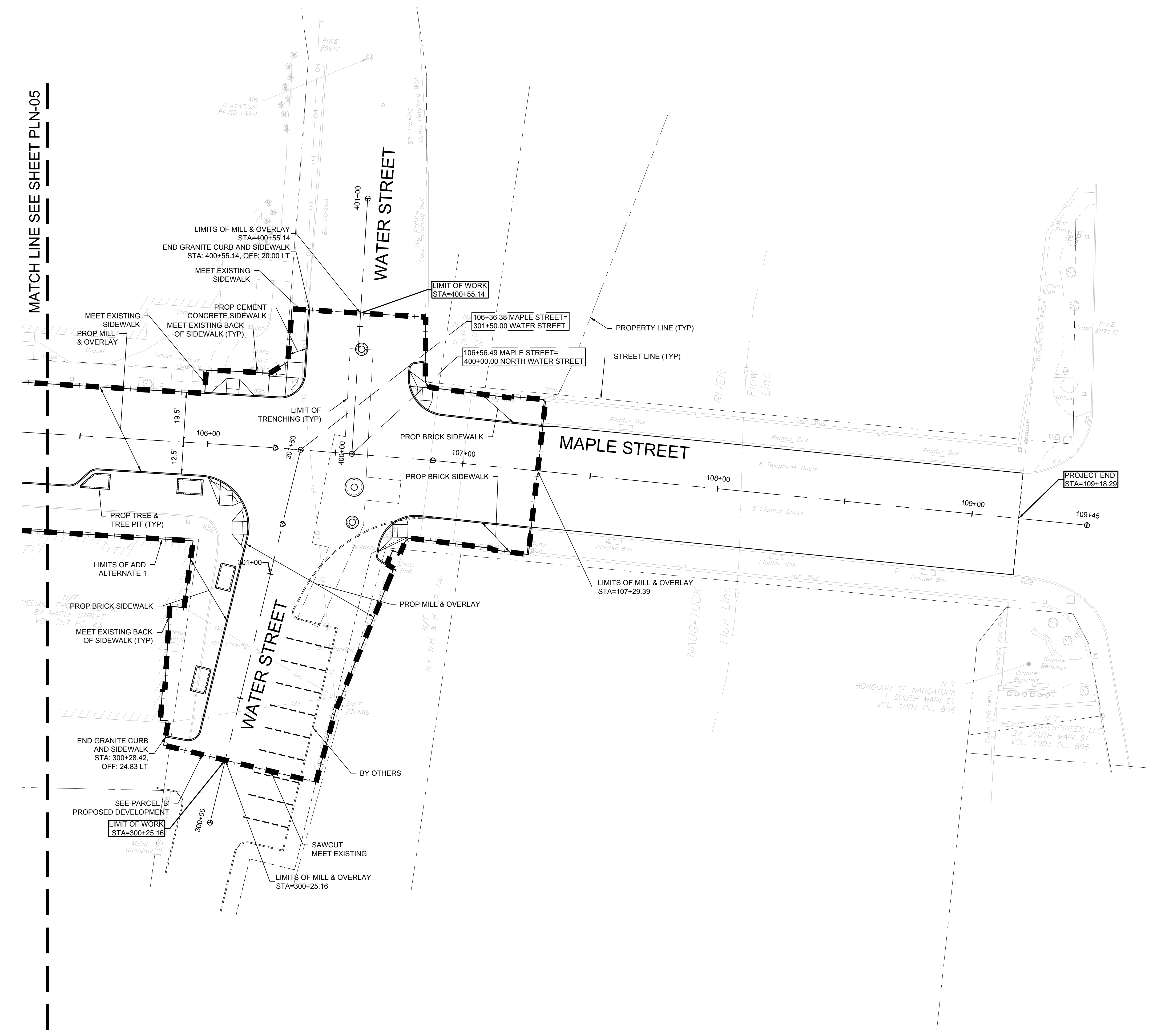
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PLN-06

MATCH LINE SEE SHEET PLN-05



CAD FILE: C:\pwworking\kleinfelder\proj\20225069_002\13708\PLN_06_20225069_002_13708\PLN_06.dwg
 PLOTTED: 6/29/2023 4:09 PM BY: jacqui.perkins
 LAYOUT: PLN-06

LANDSCAPE ARCHITECT

Richter & Cegan Inc.

88 CANAL COURT P.O. BOX 567
AVON, CT 06001
PHONE: 860-678-0669
CONTACT NAME: Gary Guimond
EMAIL: gguimond@richtercegan.com



DRAWING ISSUE

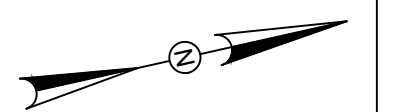
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REVISIONS

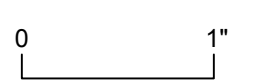
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BOROUGH OF NAUGATUCK



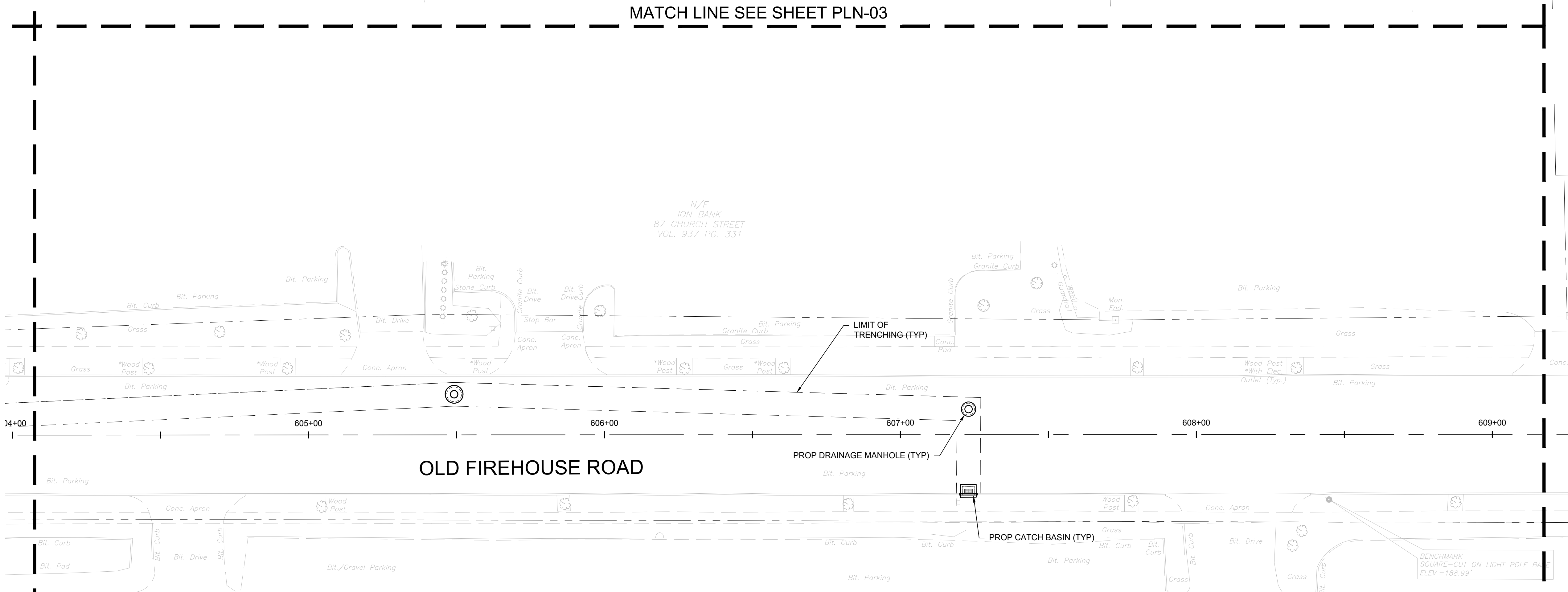
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CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

PLN-08

MATCH LINE SEE SHEET PLN-03



OLD FIREHOUSE ROAD

PROP DRAINAGE MANHOLE (TYP)

PROP CATCH BASIN (TYP)

BENCHMARK SQUARE-CUT ON LIGHT POLE B.A. ELEV.=188.99'

MATCH LINE SEE SHEET PLN-07

MATCH LINE SEE SHEET PLN-05

N/F
ION BANK
87 CHURCH STREET
VOL. 937 PG. 331



DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION
THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING

IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

SCALE: 1" = 80' SCALE IN FEET
ORIGINAL DRAWING SIZE IS 22 x 34

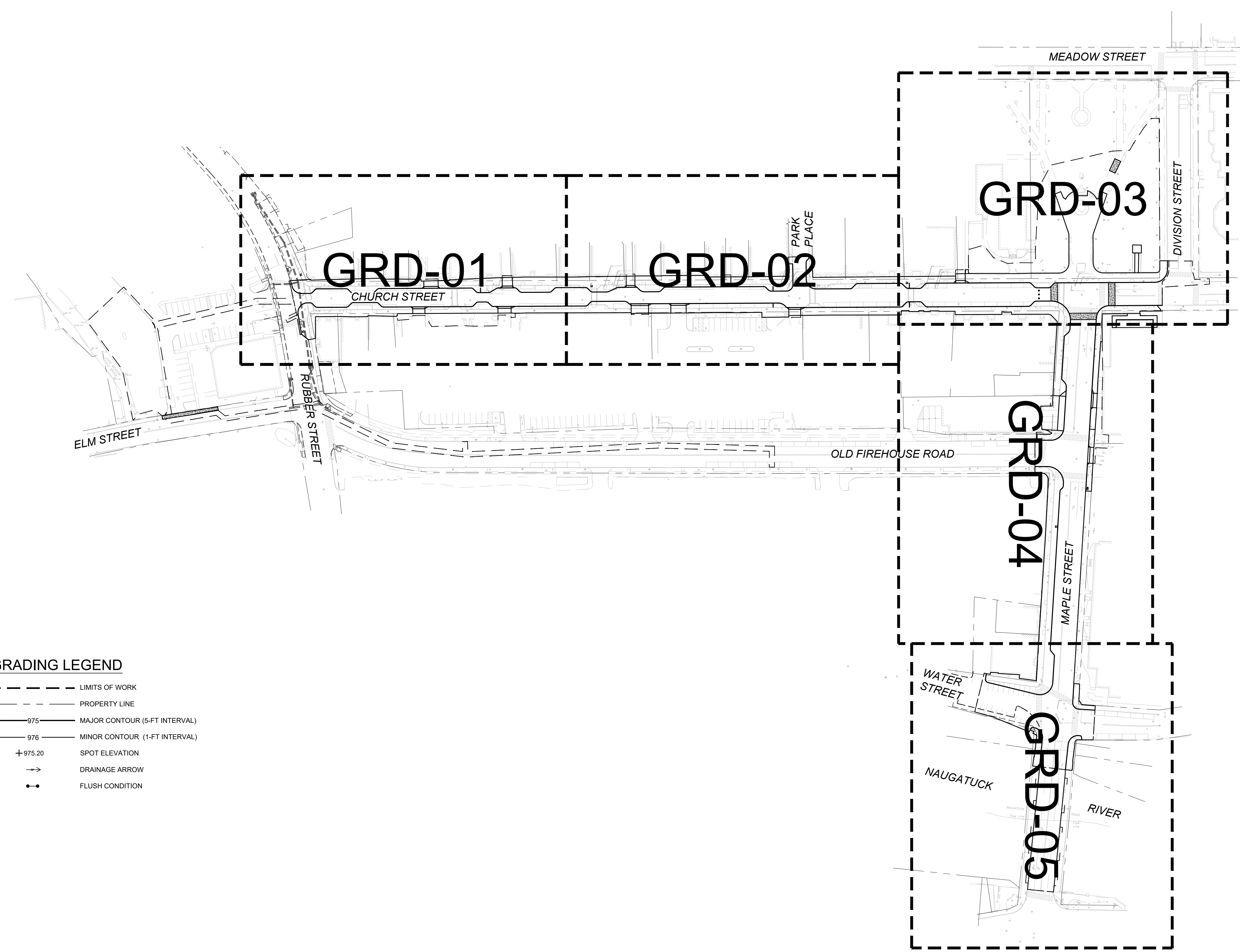
OVERALL GRADING PLAN
DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION	
PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

GRD-00



- GRADING LEGEND**
- LIMITS OF WORK
 - - - PROPERTY LINE
 - 975— MAJOR CONTOUR (5-FT INTERVAL)
 - 976— MINOR CONTOUR (1-FT INTERVAL)
 - +975.20 SPOT ELEVATION
 - DRAINAGE ARROW
 - FLUSH CONDITION

CAD FILE: C:\pwworking\kleinfelder\proj\20225069\01\mxd\20225069_01.dwg; PLOT: 6/30/2023 10:07 AM BY: kenneth.madsen
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DRAWING ISSUE

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REVISIONS

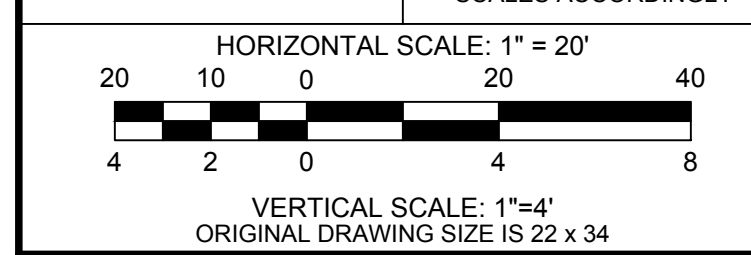
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ISSUED FOR CONSTRUCTION

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GRADING PLAN & PROFILE

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK

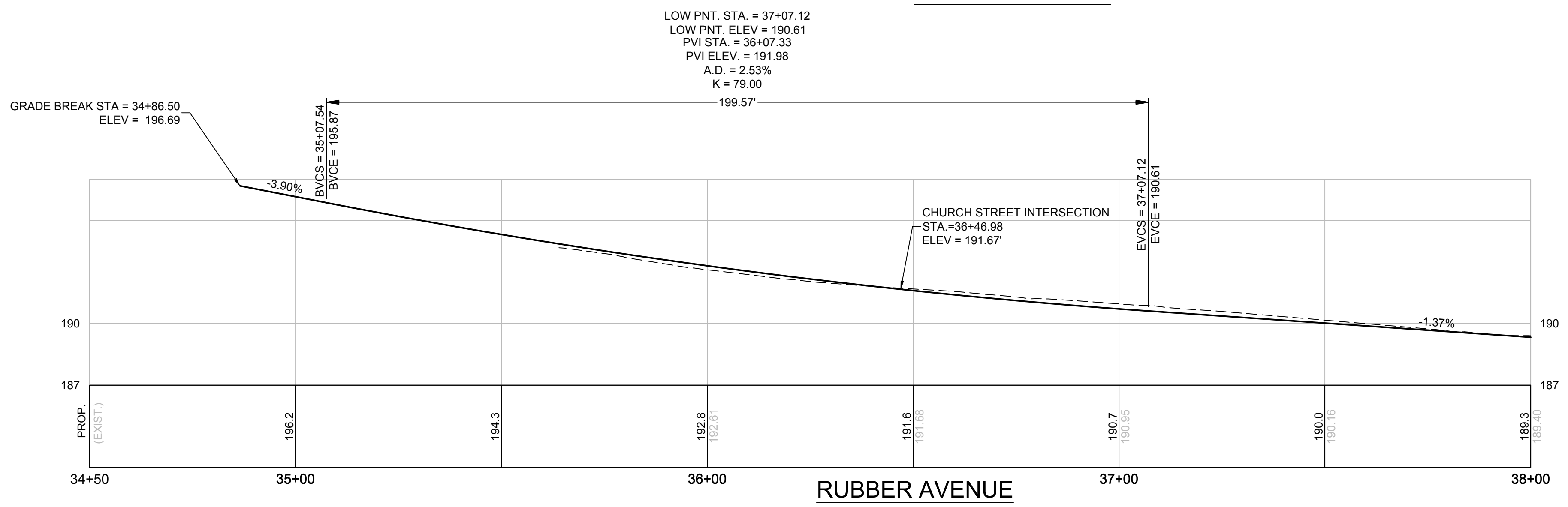
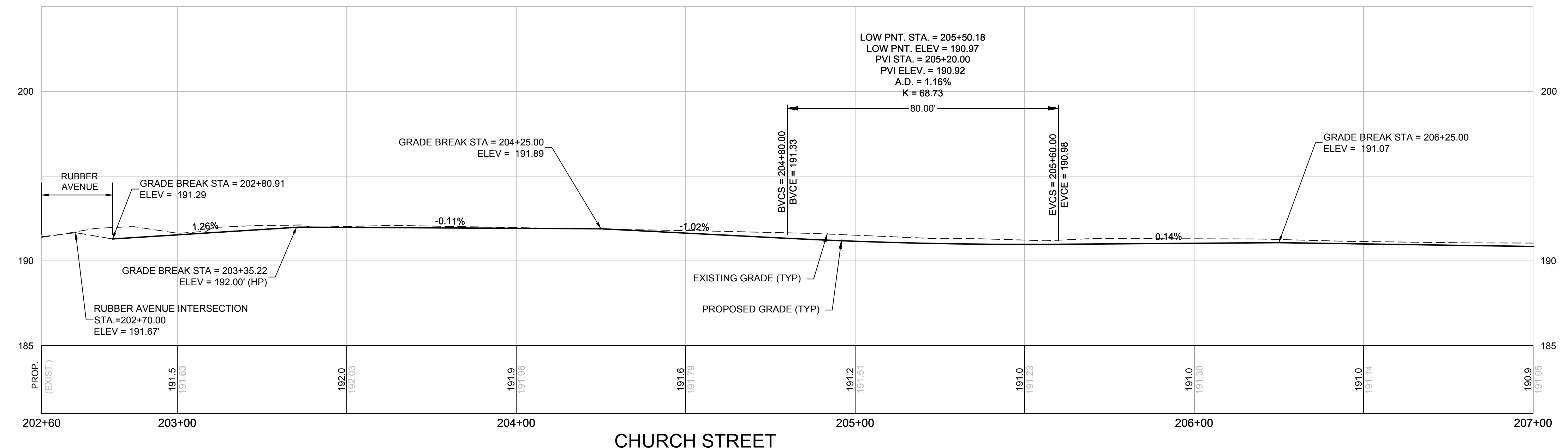
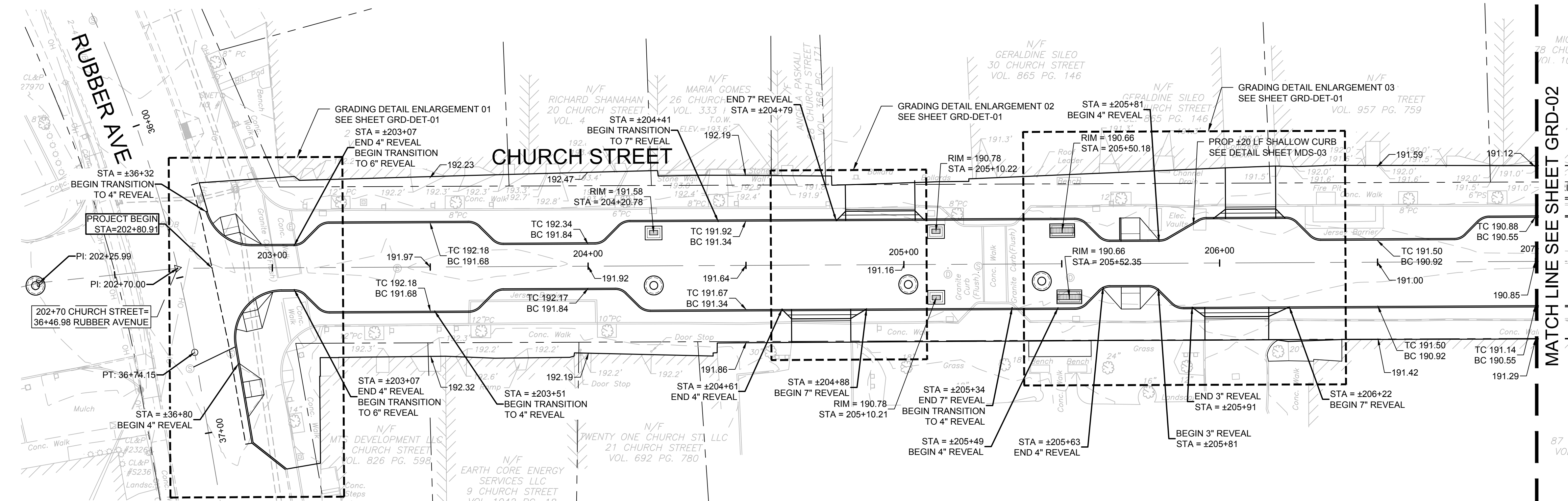


BOROUGH OF NAUGATUCK
229 CHURCH STREET
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ISSUED FOR CONSTRUCTION

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GRD-01



CAD FILE: C:\pwworking\kleinfelder.com\20225069_002\3708\GRD_20225069_MLF_Rev_Grd_PP.dwg LAYOUT: GRD-01 PLOTTED: 6/29/2023 3:57 PM BY: jperkins



DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION

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IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

HORIZONTAL SCALE: 1" = 20'

VERTICAL SCALE: 1" = 4'

ORIGINAL DRAWING SIZE IS 22 x 34

GRADING PLAN PROFILE

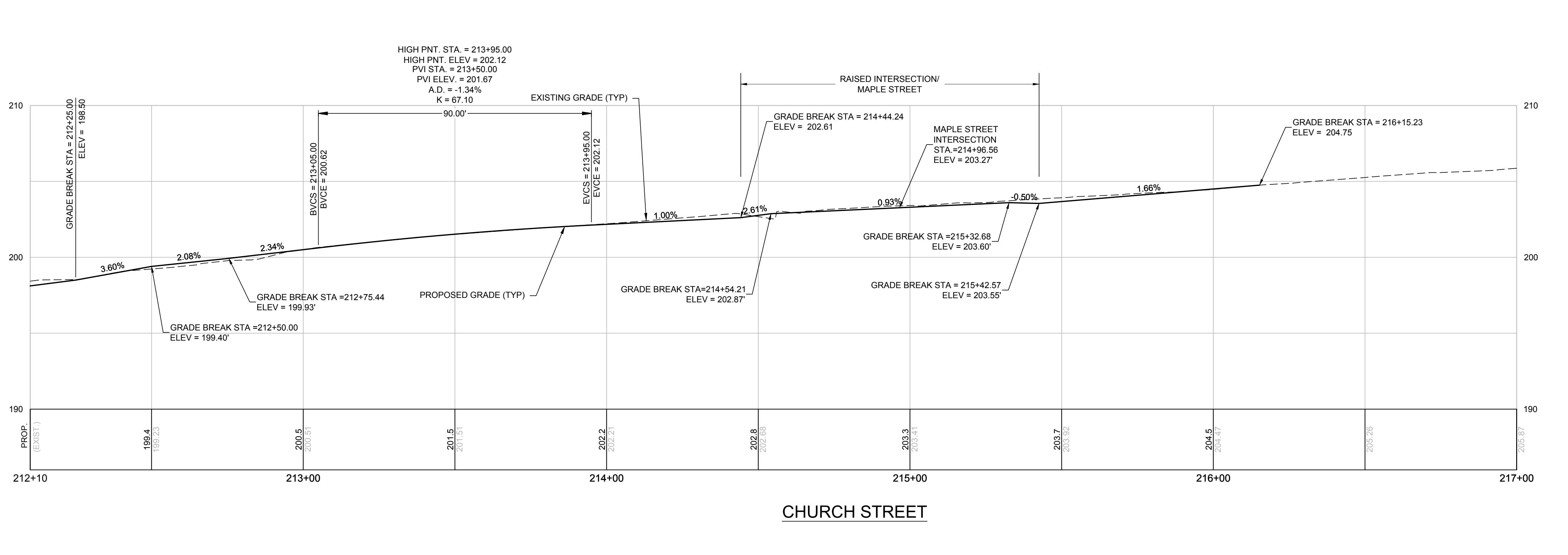
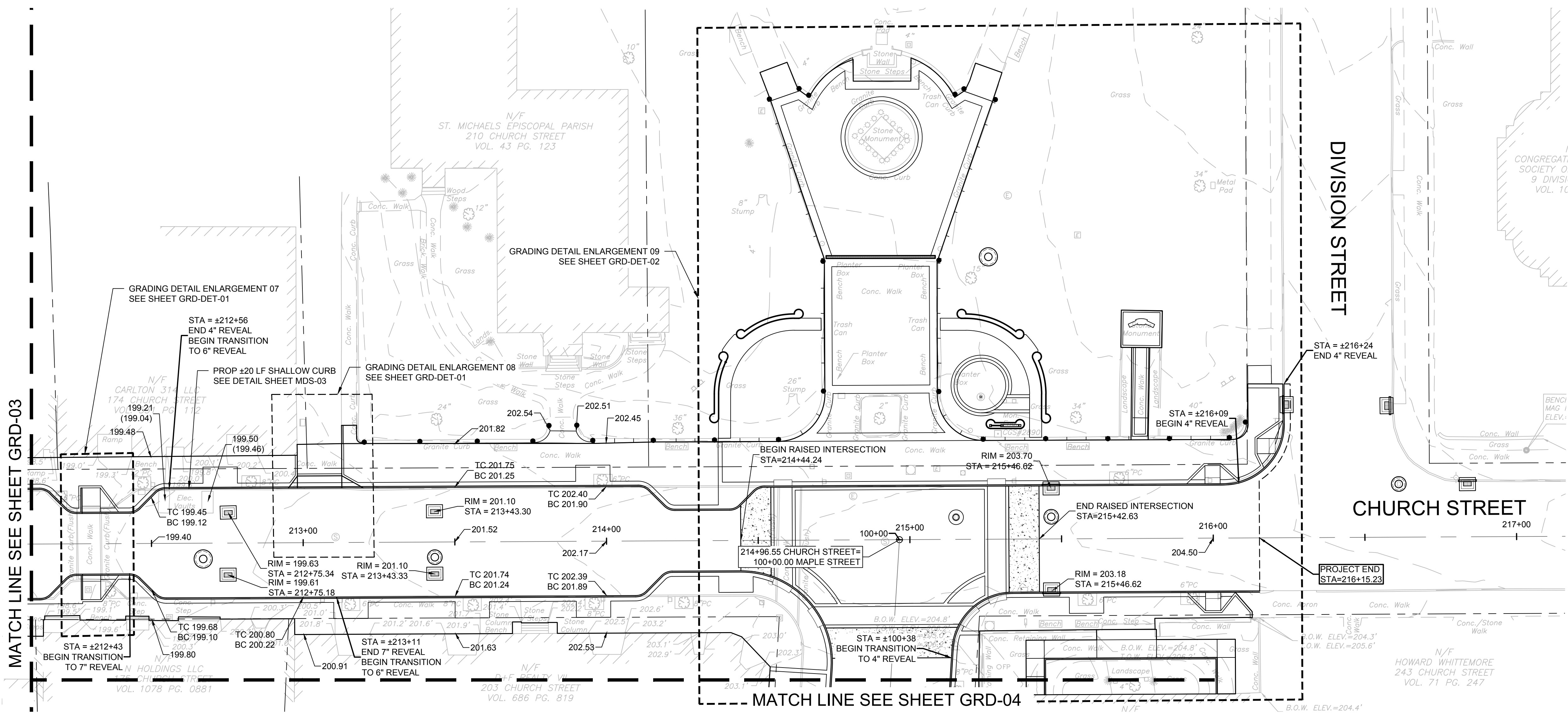
DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

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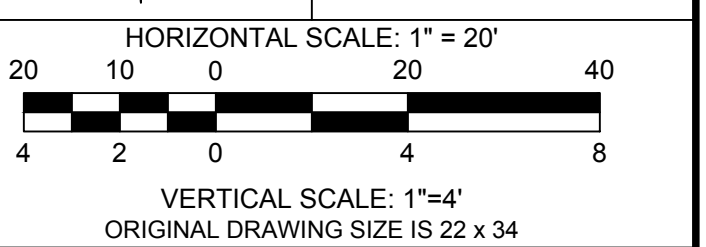
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REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

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GRADING PLAN & PROFILE

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

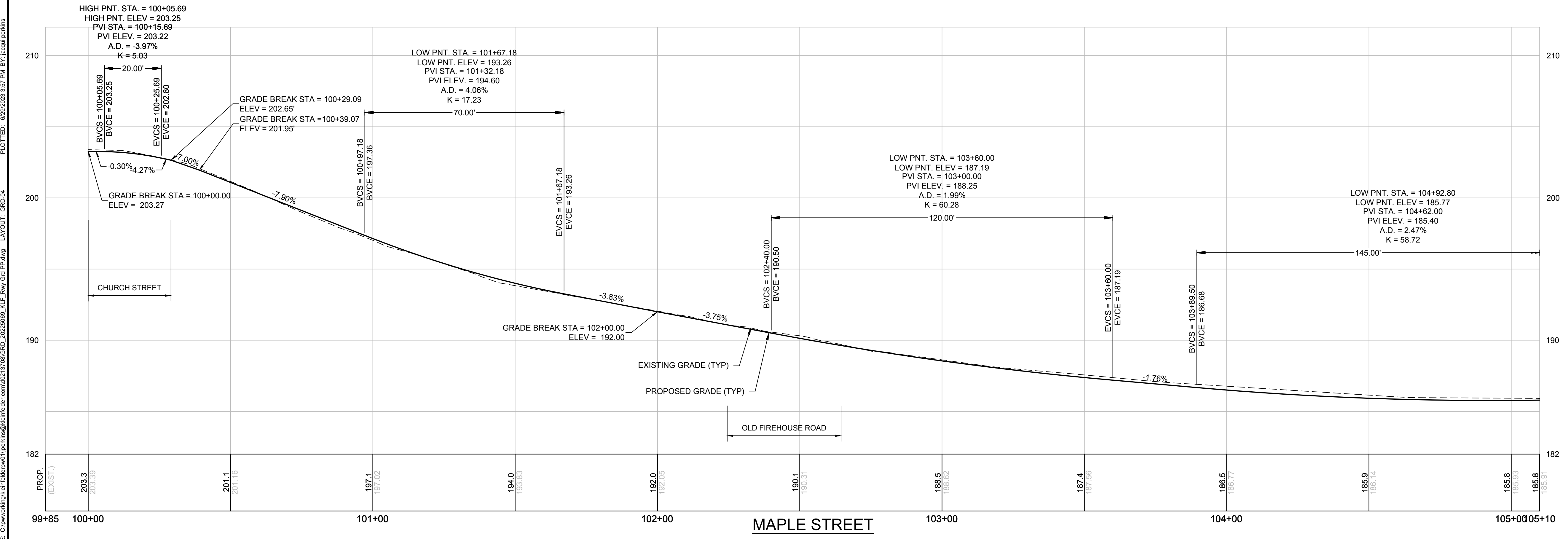
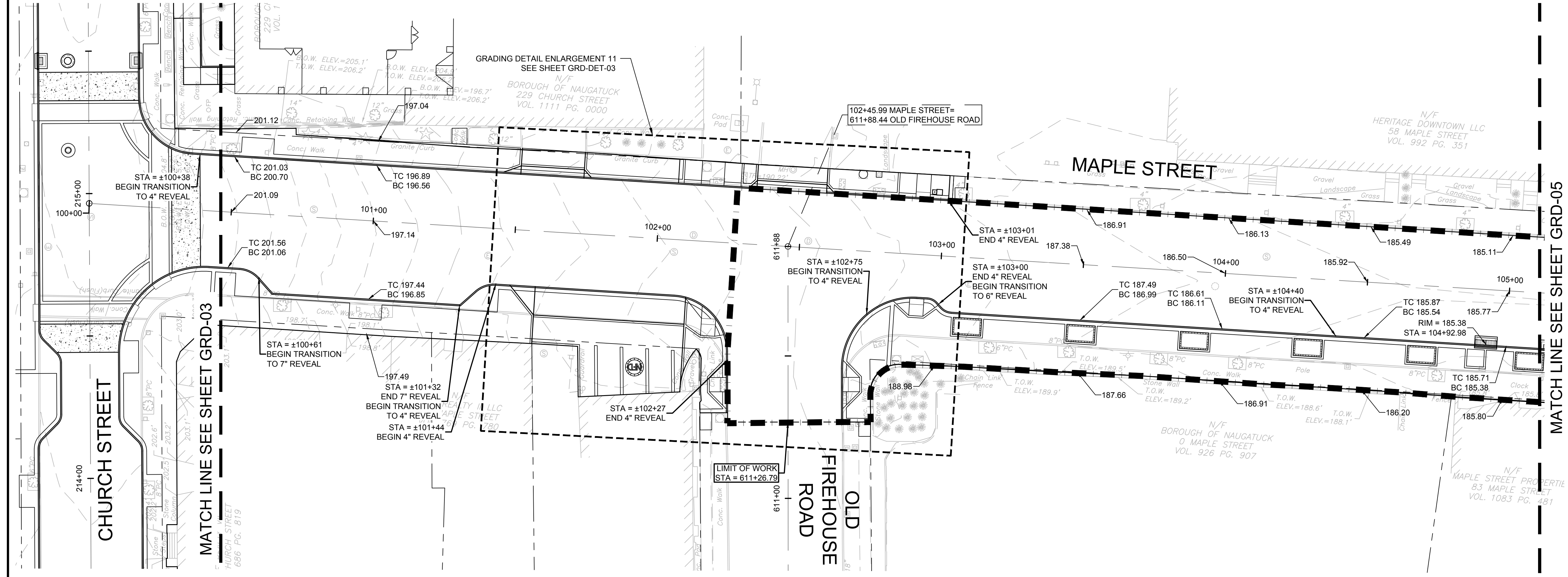


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

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PROJECT NO.	20225069.002A
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DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P.KING
APPROVED BY	N.KULIKAUSKAS

GRD-04



CAD FILE: C:\pwworking\kleinfelder\proj\20225069_002\20225069_002\13708\GRD_20225069_002_MLE_Rev_Grd_PP.dwg LAYOUT: GRD-04 PLOTTED: 6/29/2023 3:57 PM BY: jperkins



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REV	DESCRIPTION	DATE

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REV	DESCRIPTION	DSN	CHK	DATE

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VERTICAL SCALE: 1" = 4'

ORIGINAL DRAWING SIZE IS 22 x 34

GRADING PLAN & PROFILE

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS BOROUGH OF NAUGATUCK

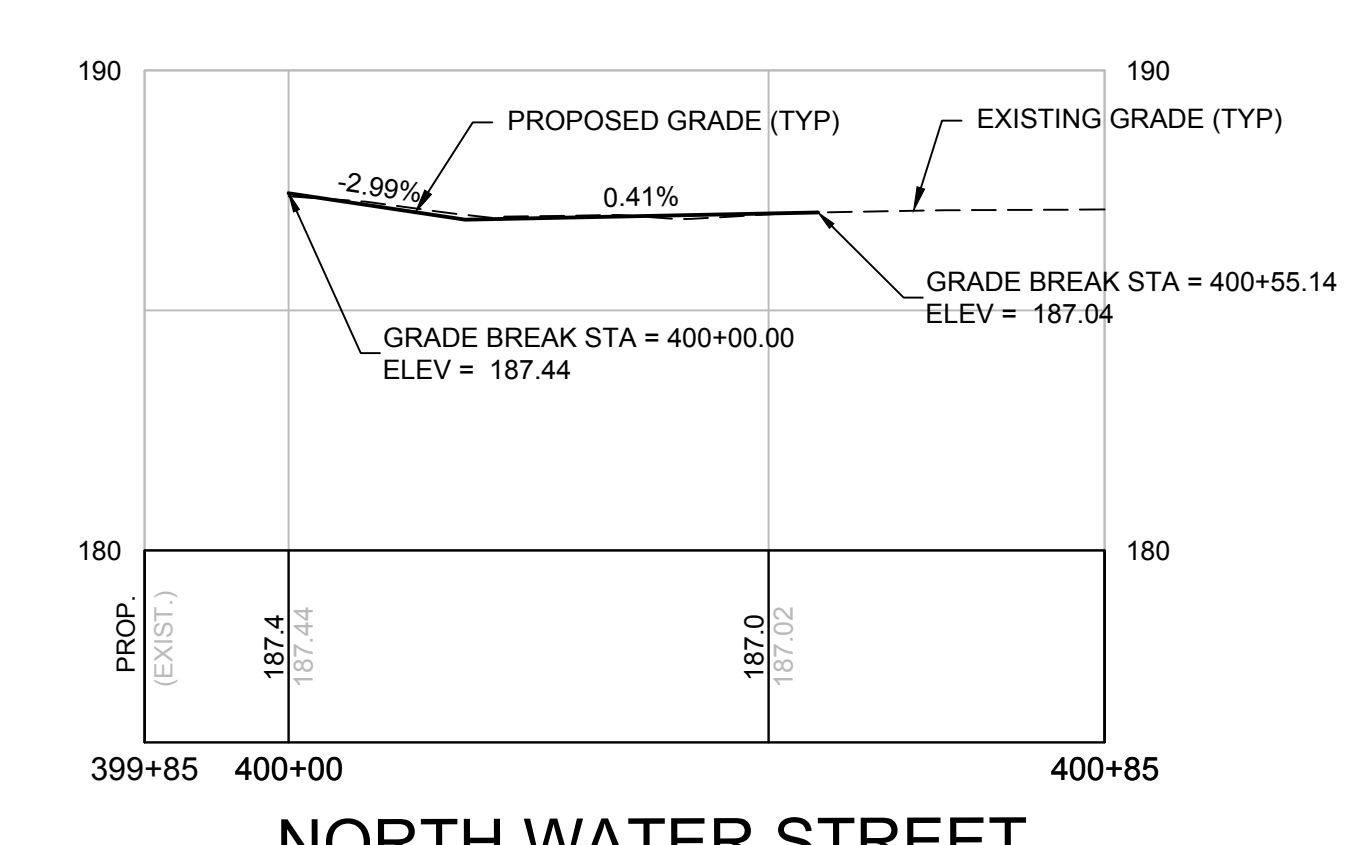
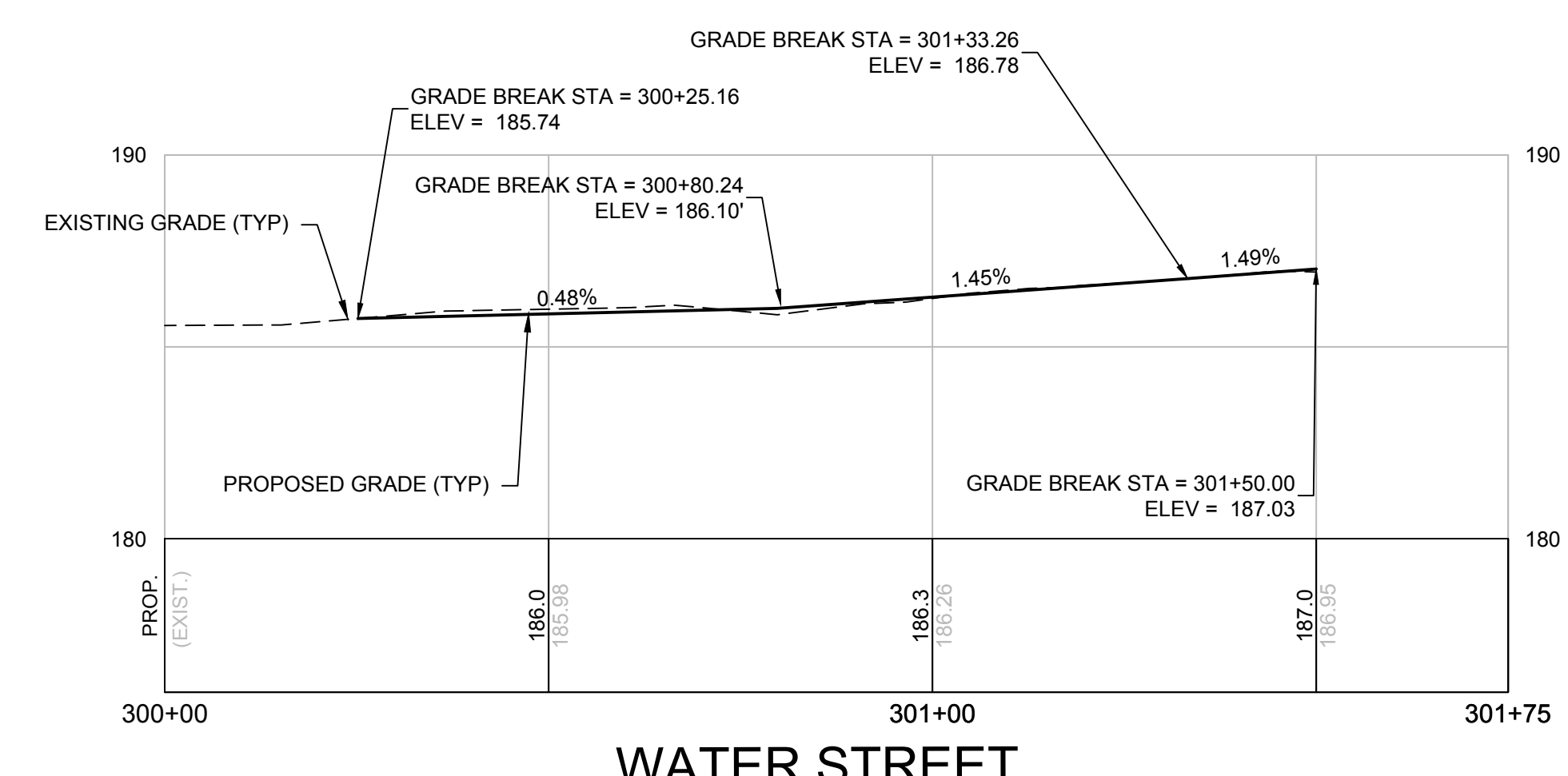
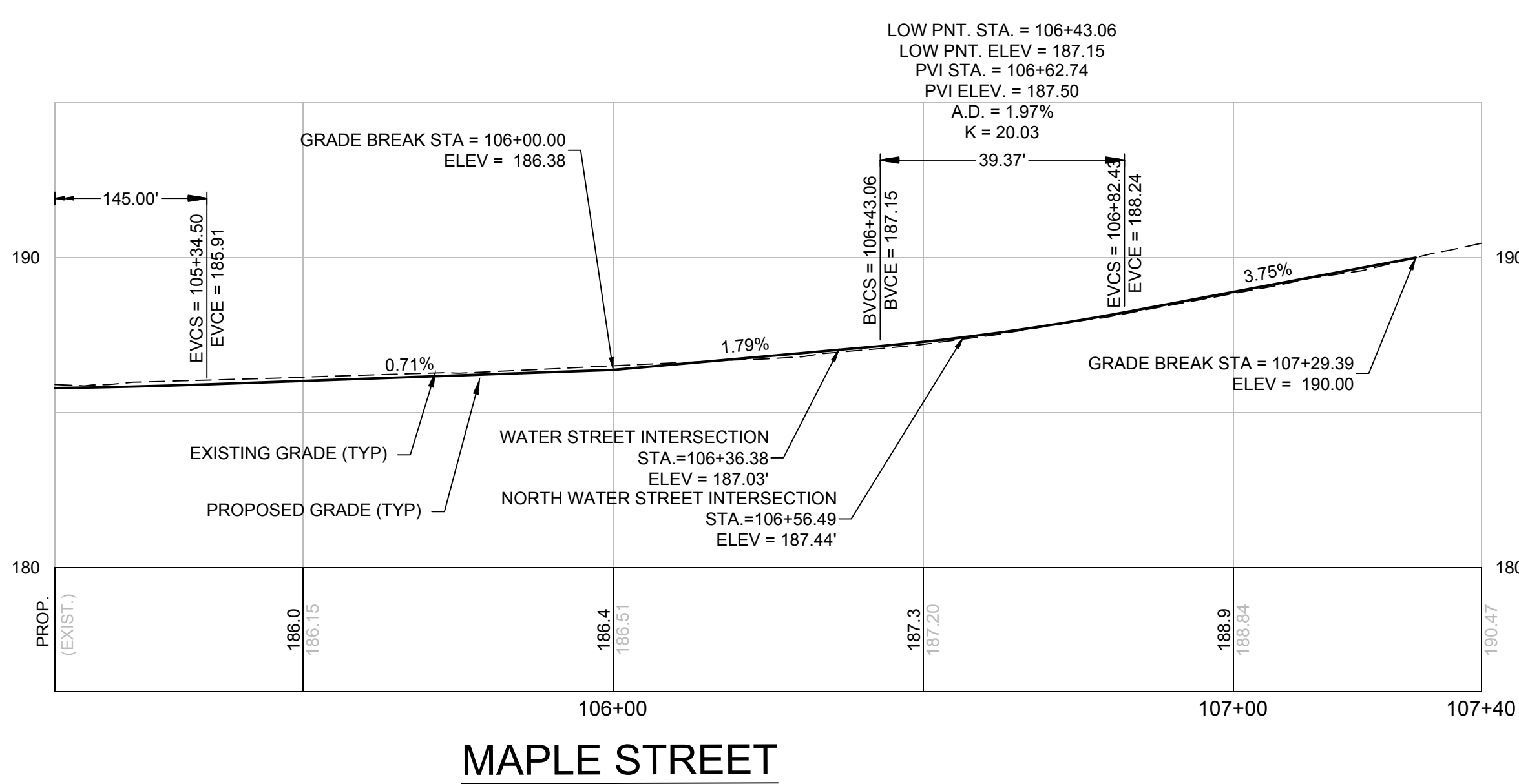
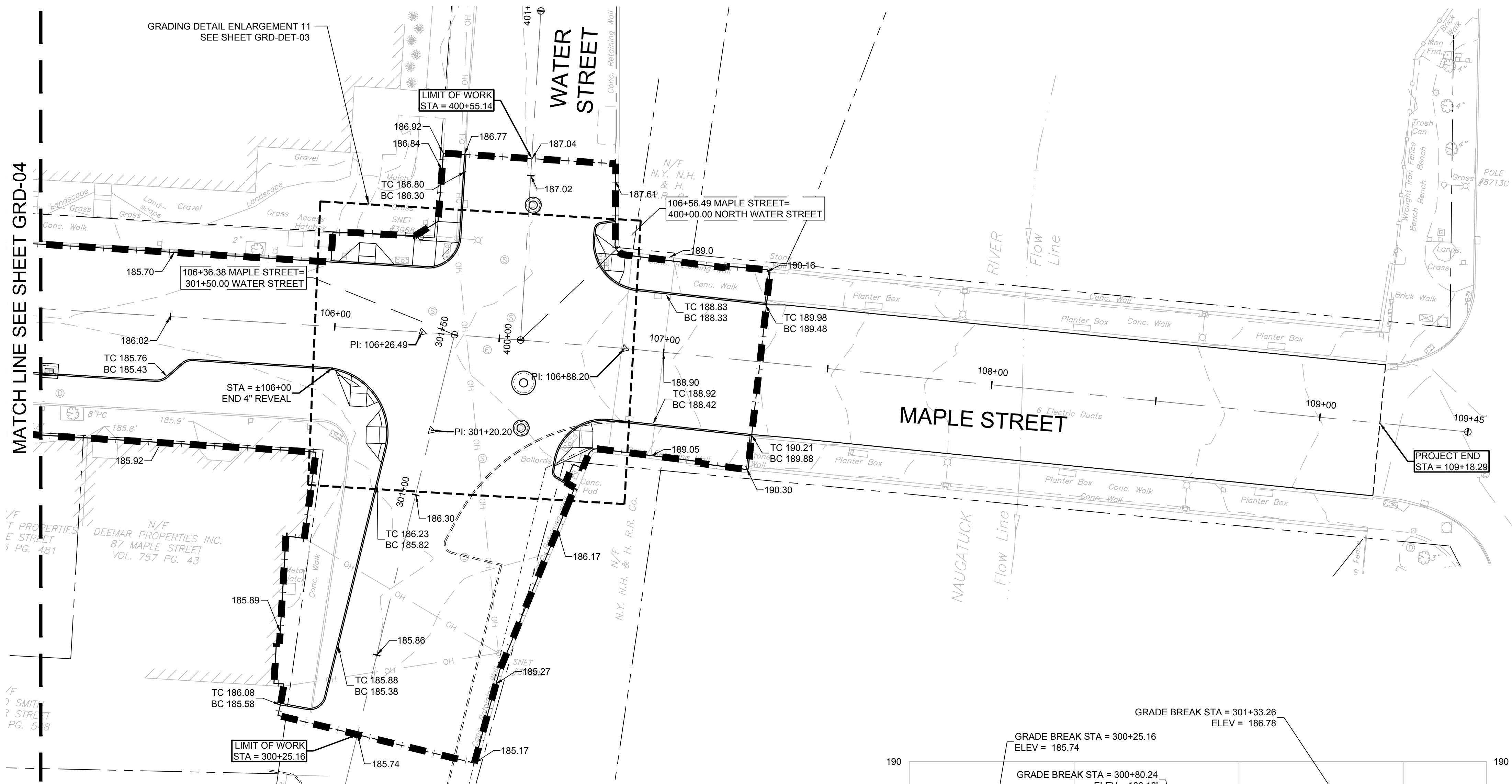


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

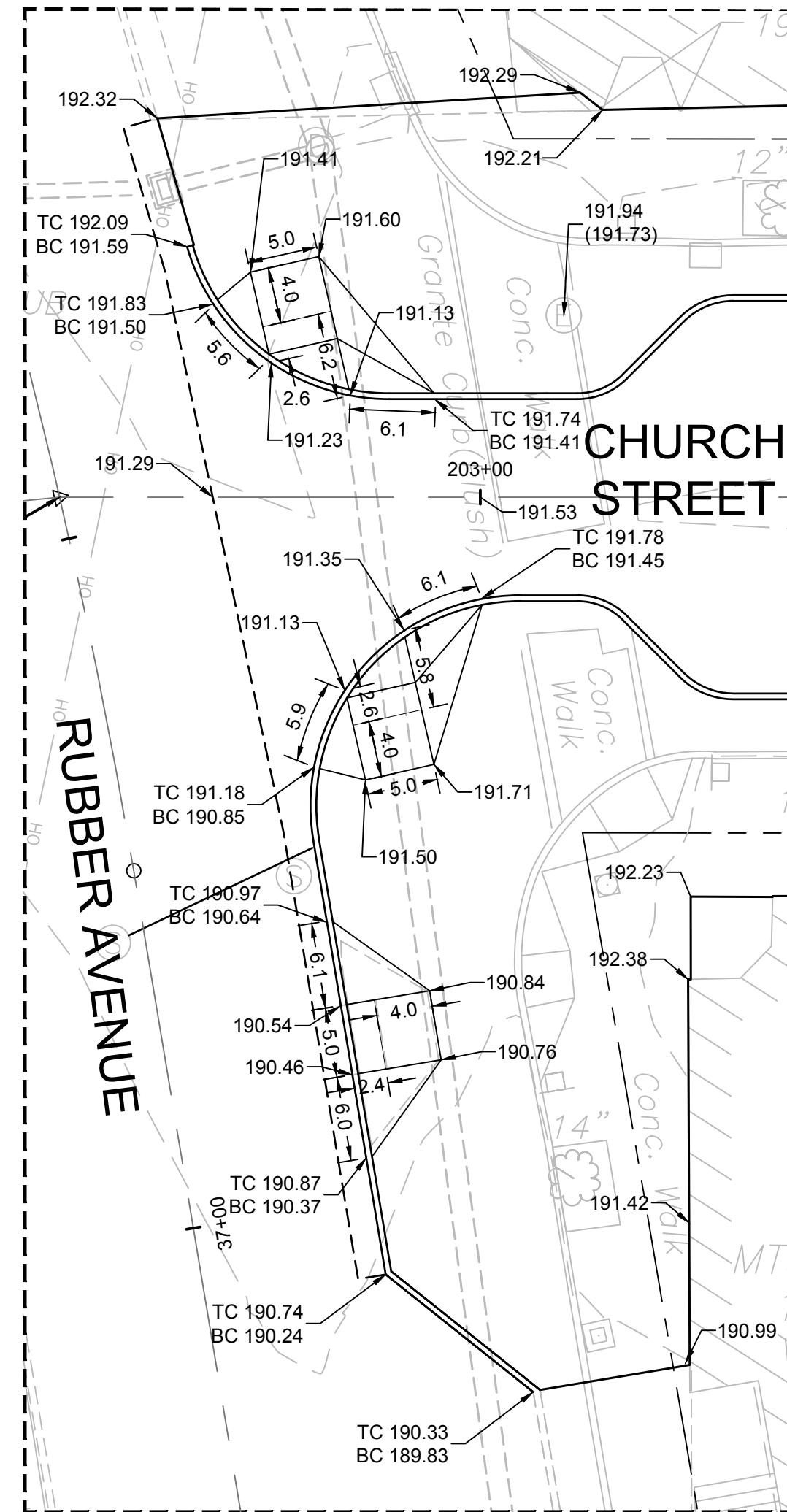
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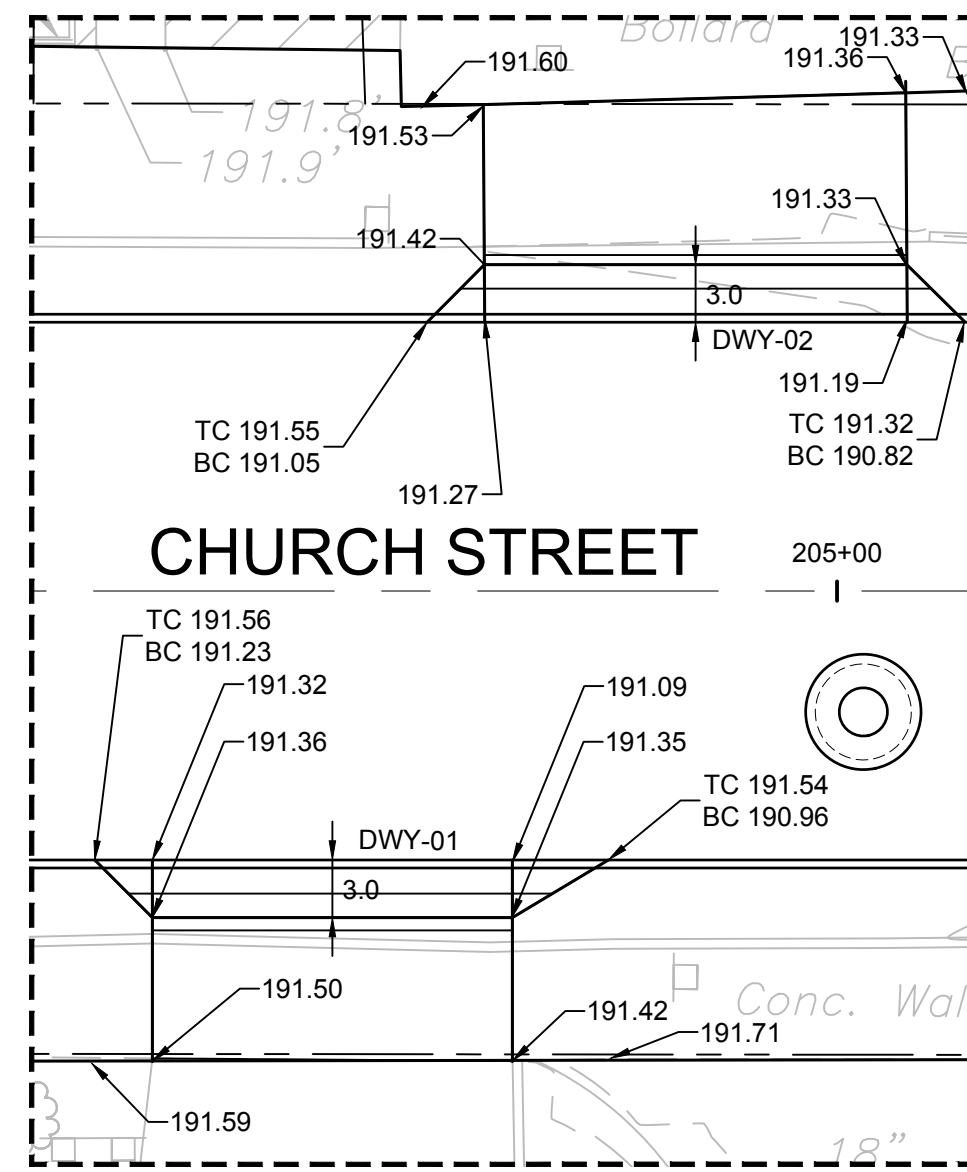
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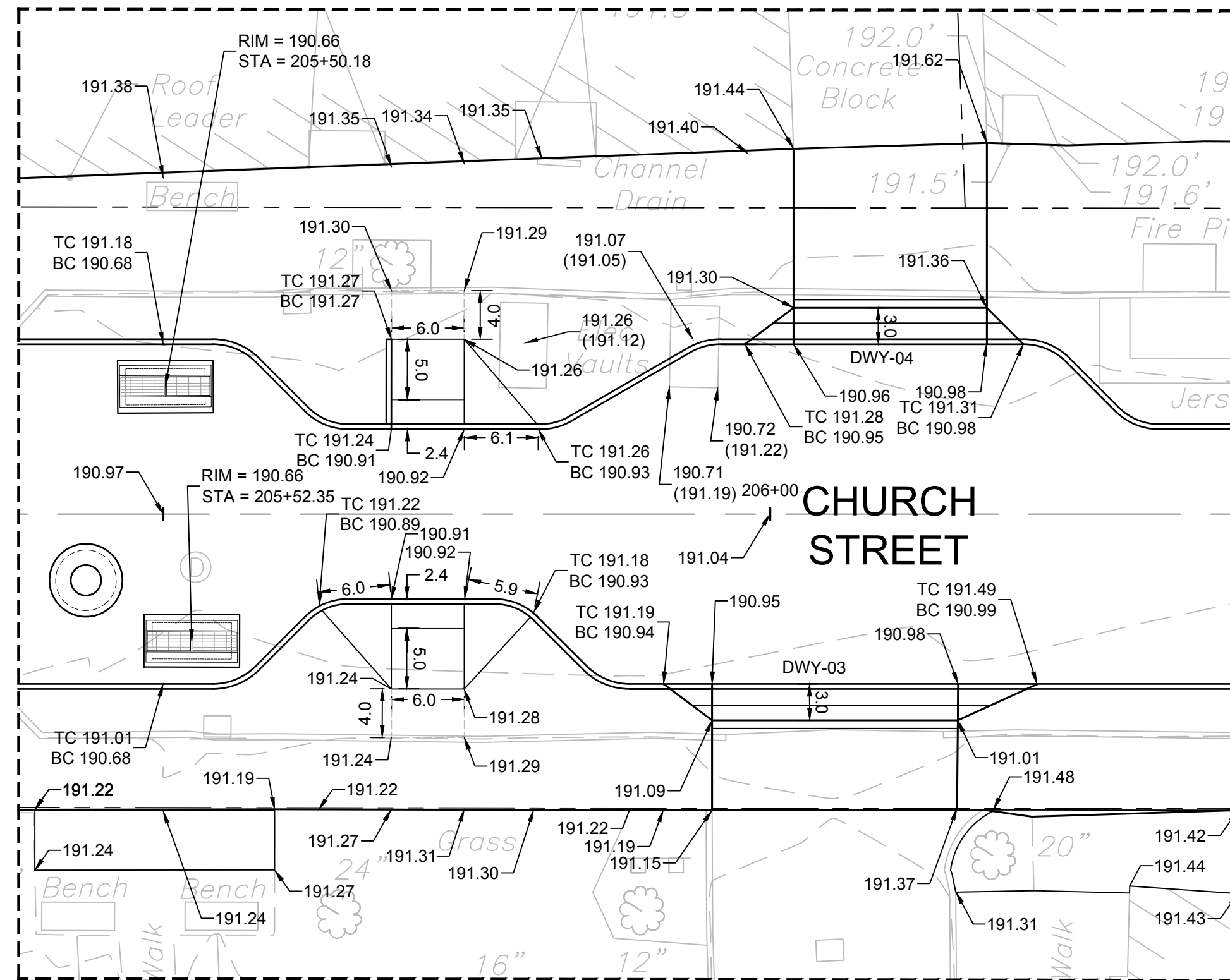
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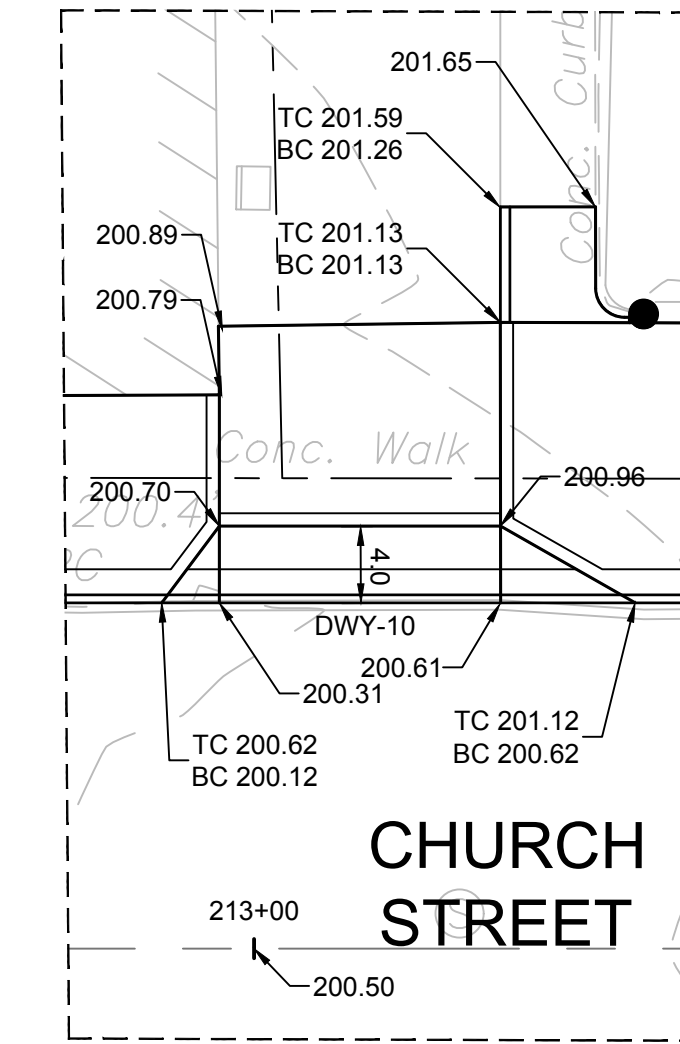
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SCALE = 1" = 10'



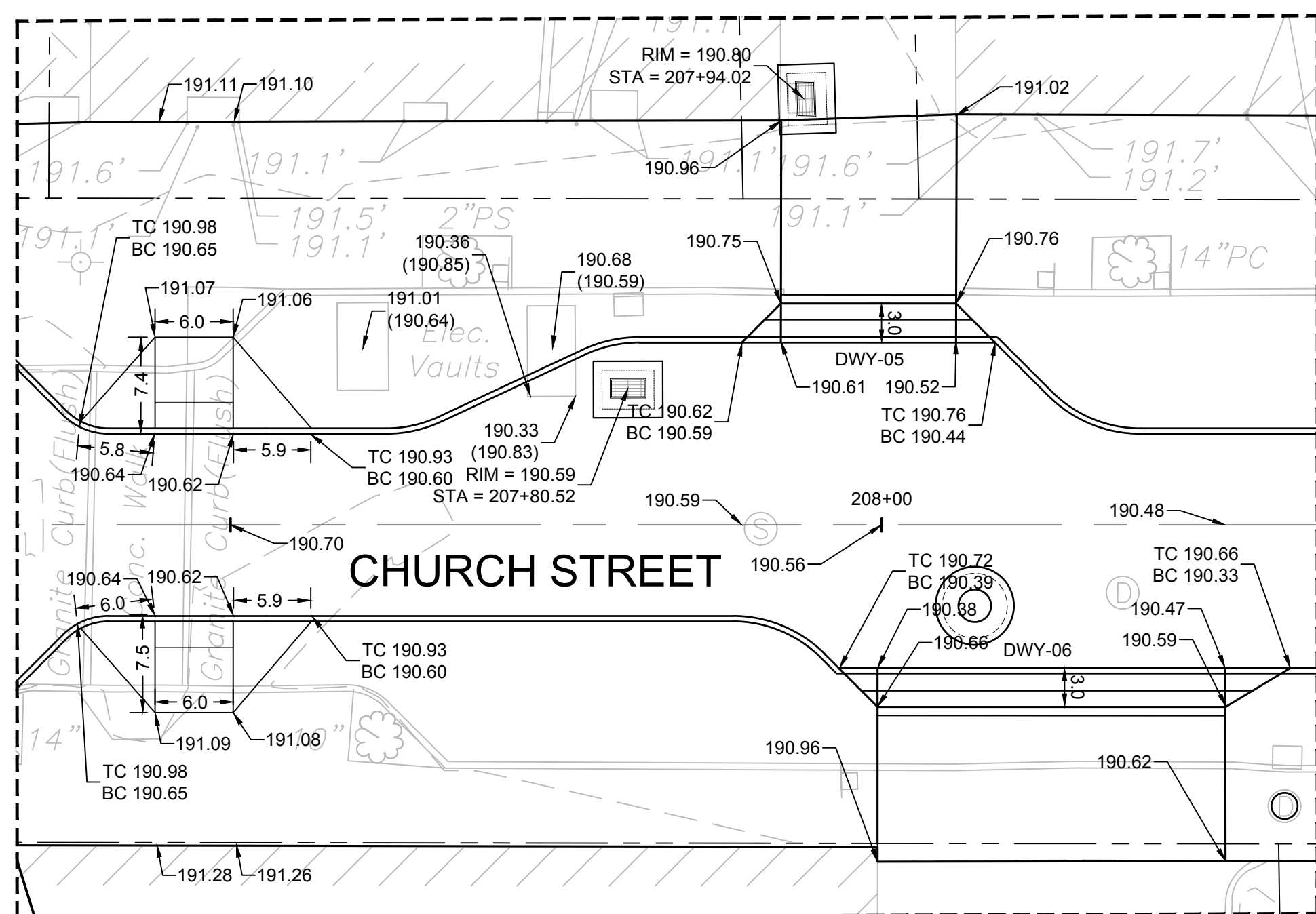
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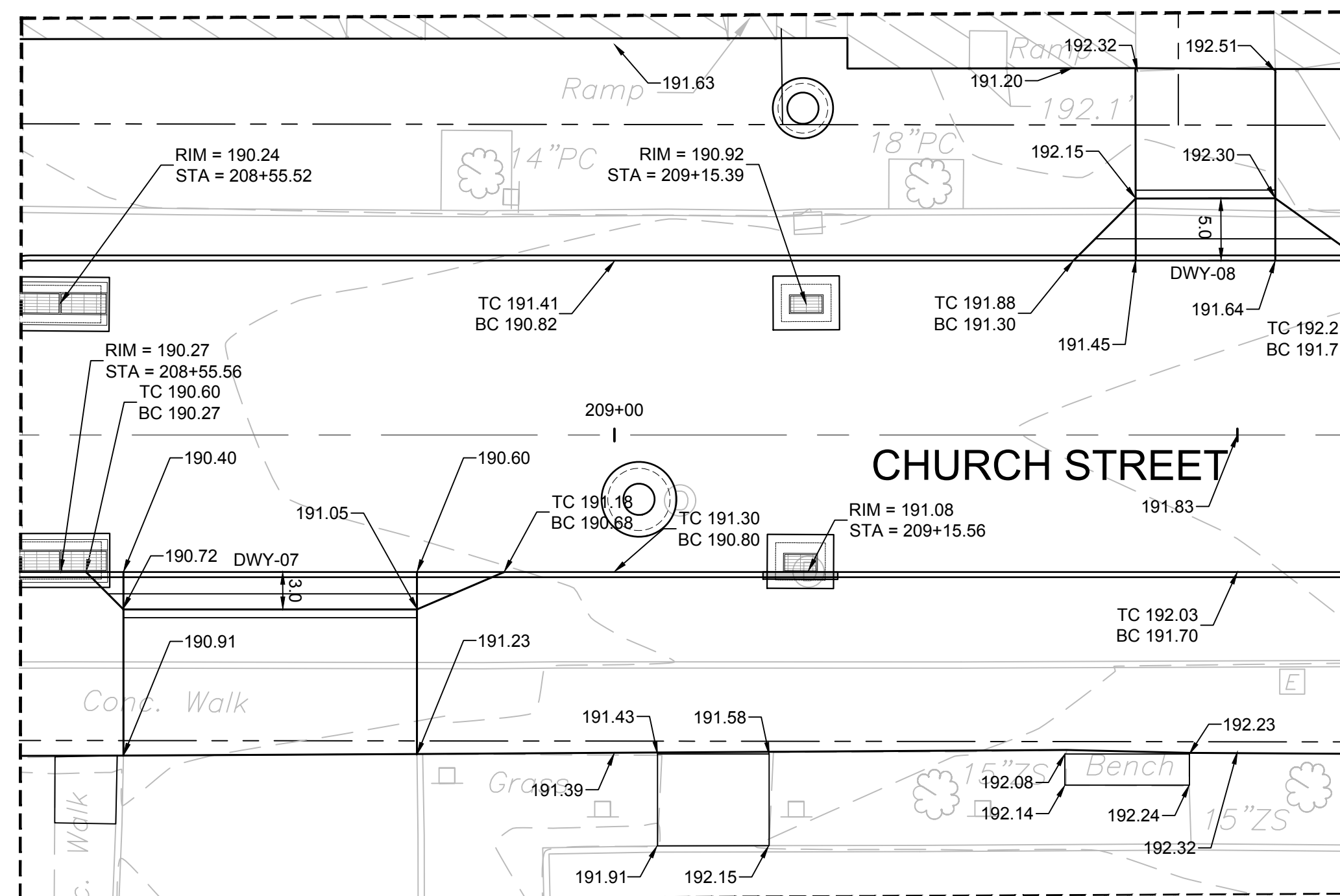
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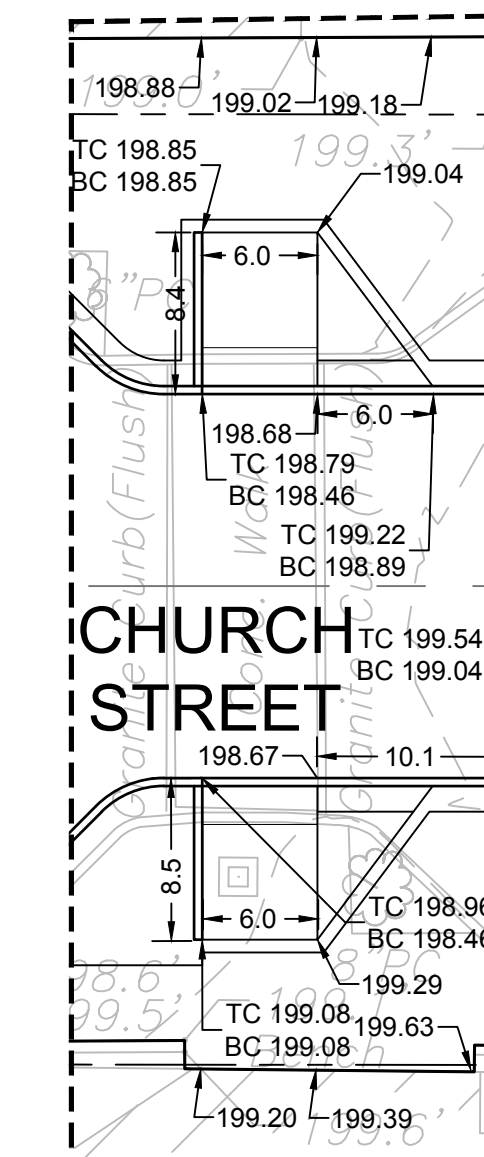
DETAIL GRADING ENLARGEMENT 08
SCALE = 1" = 10'



DETAIL GRADING ENLARGEMENT 04
SCALE = 1" = 10'



DETAIL GRADING ENLARGEMENT 05
SCALE = 1" = 10'



DETAIL GRADING ENLARGEMENT 07
SCALE = 1" = 10'

DRAWING ISSUE

REV	DESCRIPTION	DATE

REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

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SCALE VERIFICATION

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0 10 20
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DETAIL GRADING

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

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CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

GRD-DET-01



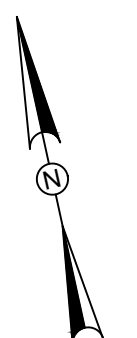
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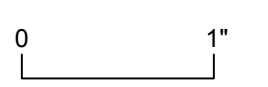
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DETAIL GRADING

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

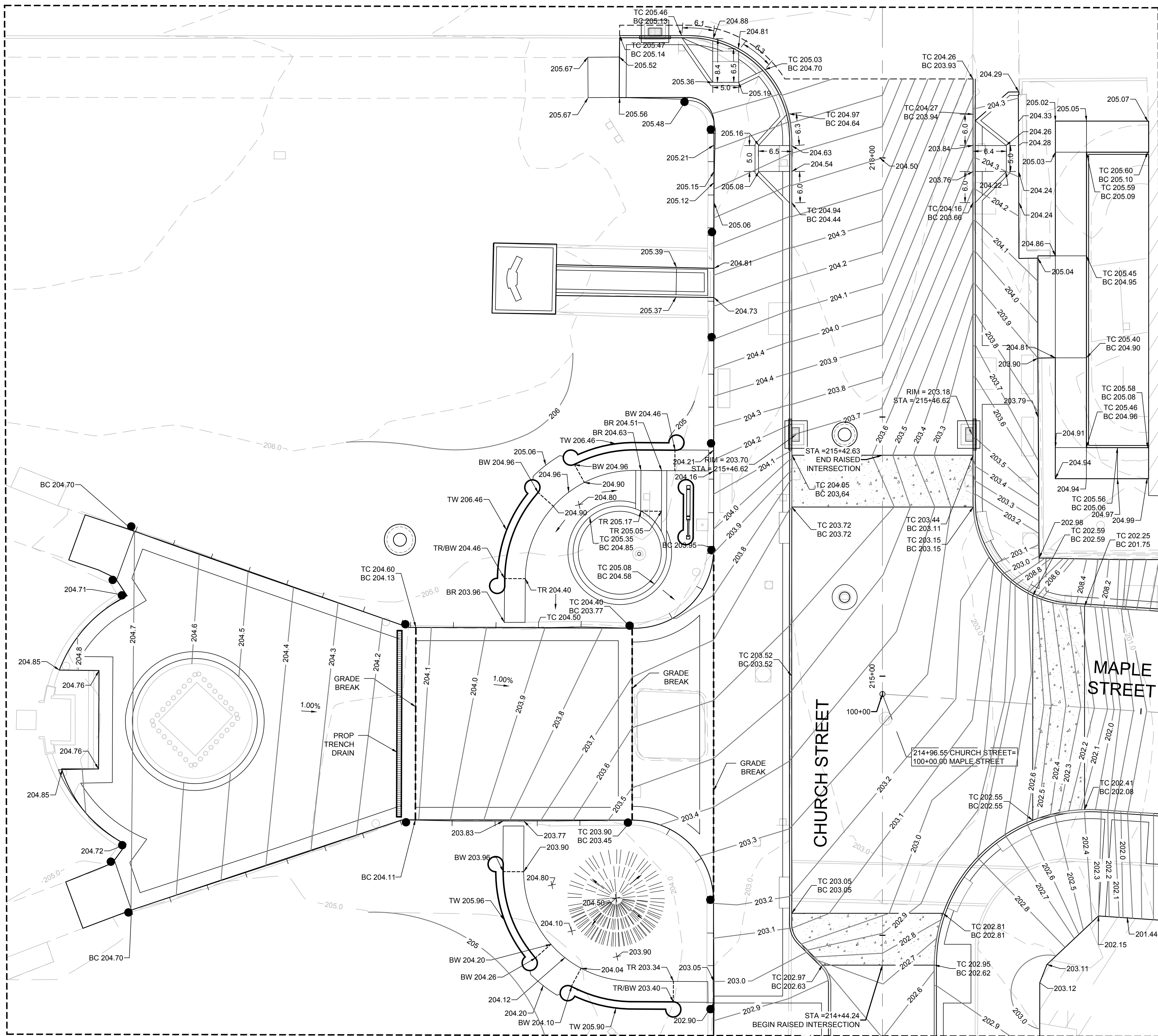


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

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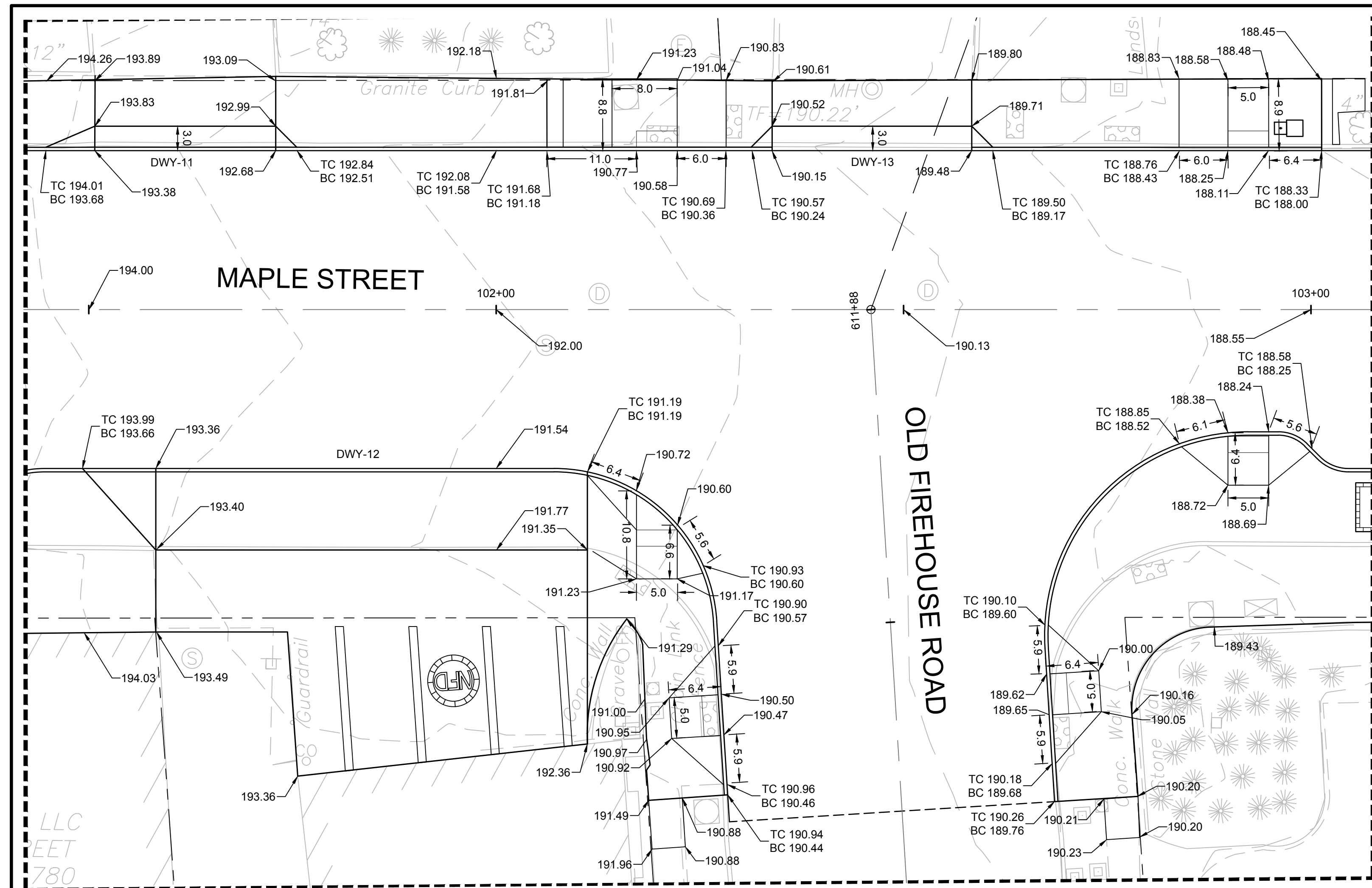
PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

GRD-DET-02

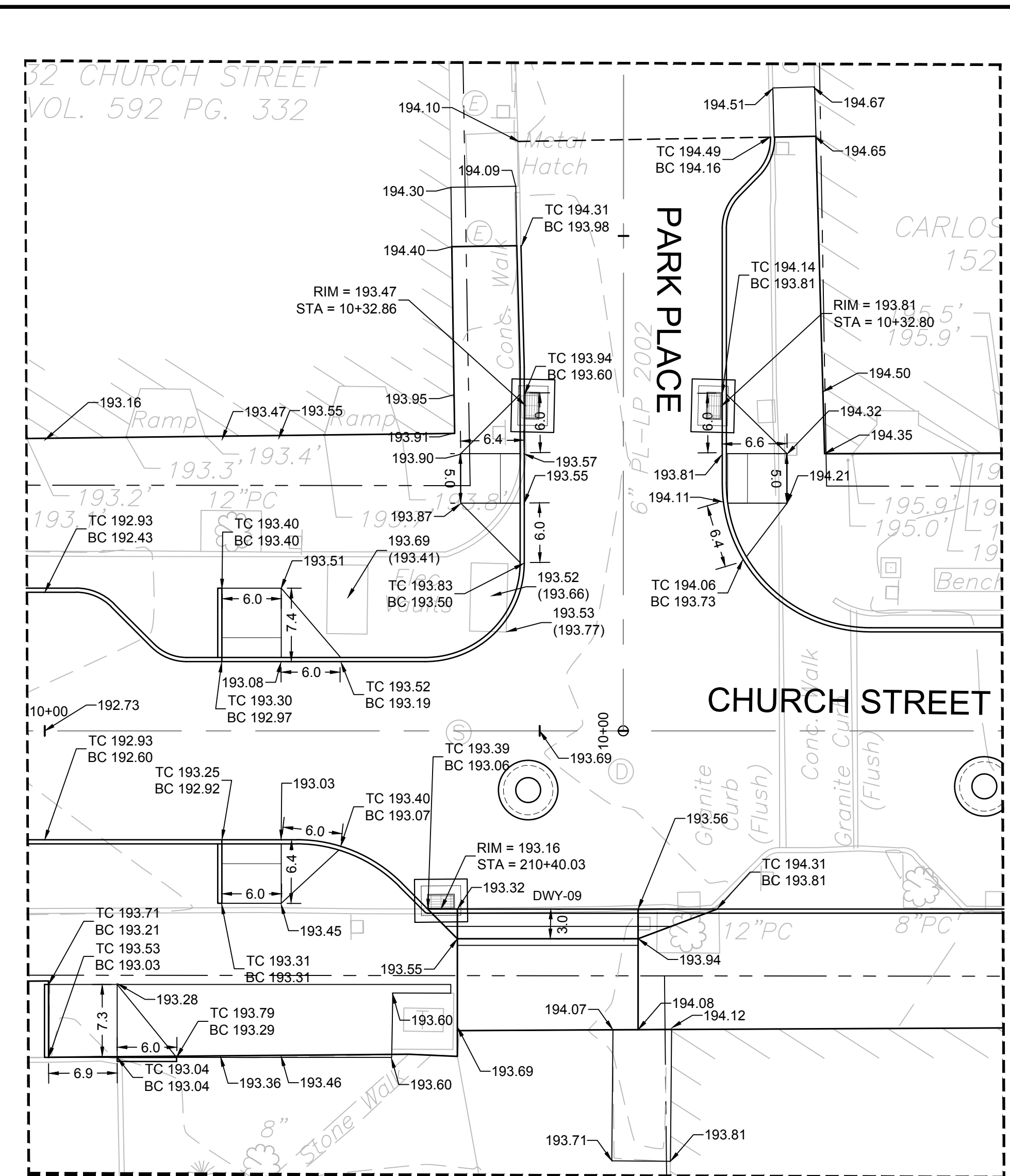


DETAIL GRADING ENLARGEMENT 09
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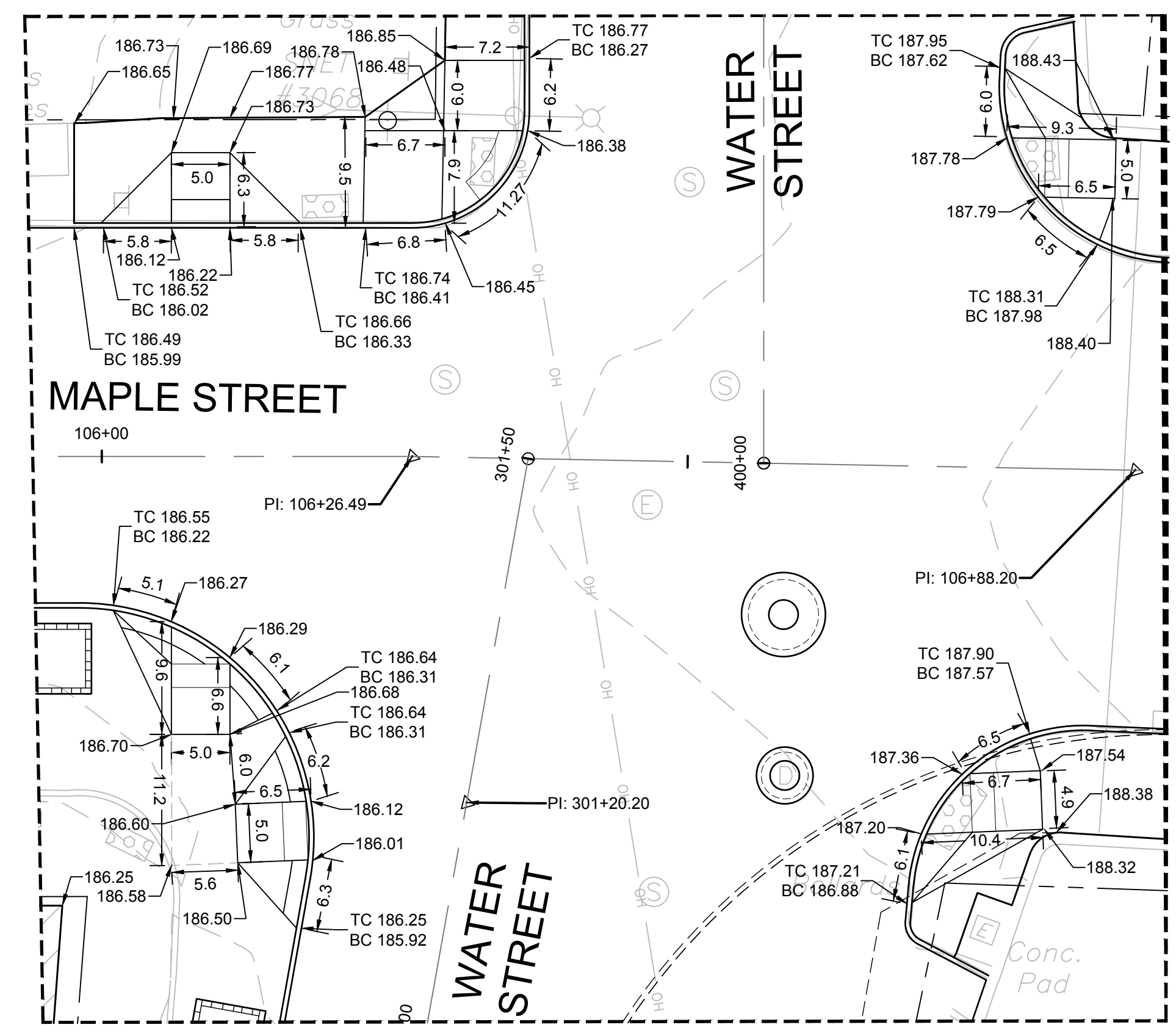
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 LAYOUT: GRD_DET-03
 PLOTTED: 6/29/2023 3:18 PM BY: jacqui.perkins



DETAIL GRADING ENLARGEMENT 11
SCALE = 1" = 10'



DETAIL GRADING ENLARGEMENT 06
SCALE = 1" = 10'



DETAIL GRADING ENLARGEMENT 12
SCALE = 1" = 10'

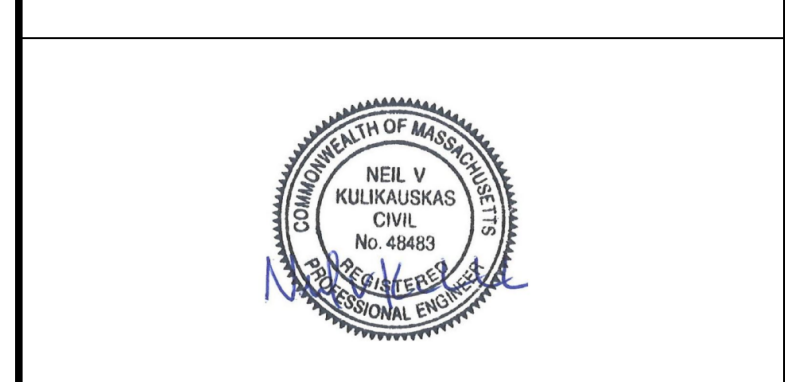
KLEINFELDER
Bright People. Right Solutions.

400 Capital Boulevard, Suite 104
Rocky Hill, CT 06067
Phone: 860-563-7775
www.kleinfelder.com

LANDSCAPE ARCHITECT

Richter & Cegan Inc.

88 CANAL COURT P.O. BOX 567
AVON, CT 06001
PHONE: 860-678-0669
CONTACT NAME: Gary Guimond
EMAIL: gguimond@richtercegan.com



DRAWING ISSUE		
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REV	DESCRIPTION	DSN	CHK	DATE

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DETAIL GRADING

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

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NAUGATUCK, CT 06770

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GRD-DET-03

LANDSCAPE ARCHITECT

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PHONE: 860-678-0669
CONTACT NAME: Gary Guimond
EMAIL: gguimond@richtercegan.com



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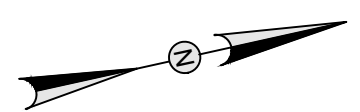
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REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE
		DWN	APP	

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SCALE: 1" = 80' SCALE IN FEET
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STREETSCAPE INDEX PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

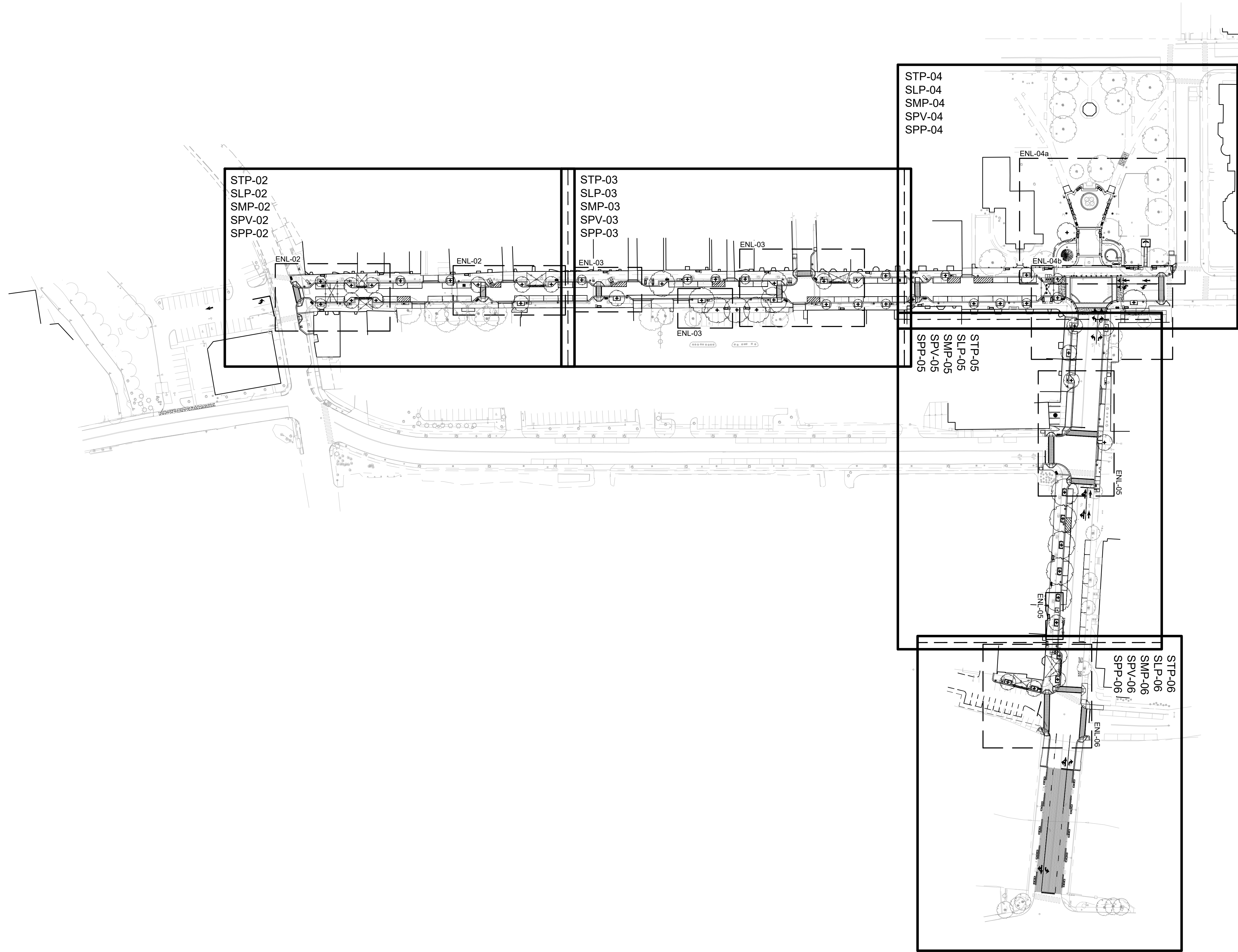


BOROUGH OF NAUGATUCK
229 CHURCH STREET
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DRAWN BY	REM/GJL
CHECKED BY	GJG
APPROVED BY	MAC

SIP-00





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STREETSCAPE LAYOUT PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

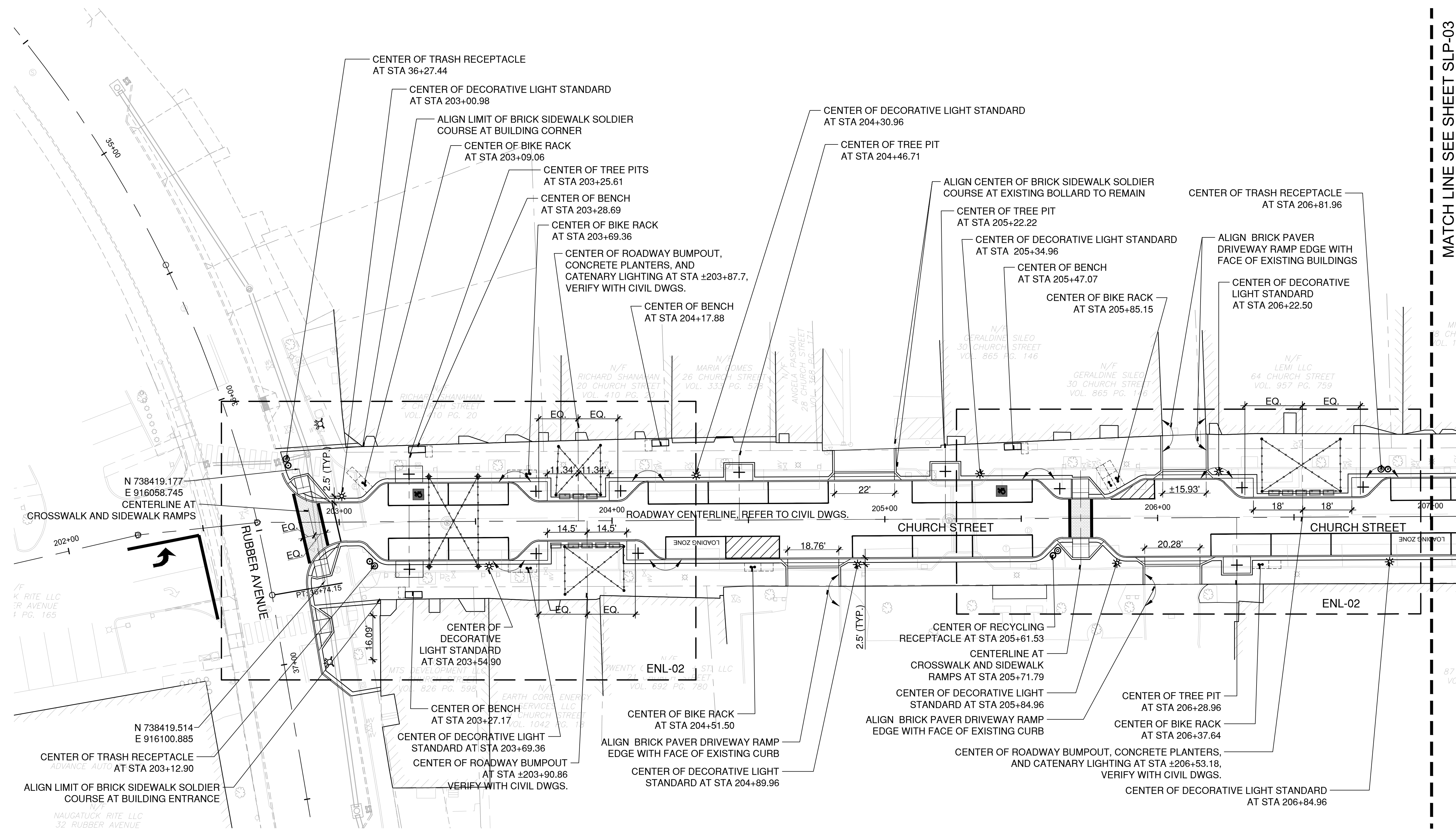


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DRAWN BY	REM/GJL
CHECKED BY	GJG
APPROVED BY	MAC

SLP-02



LAYOUT PLAN LEGEND

- PROPERTY LINE
- ROADWAY CENTERLINE, REFER TO CIVIL DWGS.
- STREETSCAPE PLANS CENTERLINE
- ALIGN OBJECTS

LAYOUT NOTES:

1. ALL STATION POINT OFFSETS ARE PERPENDICULAR TO THE STATION LINES UNLESS OTHERWISE NOTED.
2. DIMENSIONS ARE TO THE FACE OF CURB.
3. SEE CIVIL ENGINEER'S DRAWINGS FOR STATIONING AND CURB LOCATIONS.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM ALL LAYOUT INFORMATION. ANY DISCREPANCIES BETWEEN THE PLANS AND EXISTING CONDITIONS SHOULD BE BROUGHT TO THE ENGINEER'S ATTENTION FOR REVIEW AND CLARIFICATION.
5. REFER TO SPP-SERIES FOR STRUCTURAL SOIL LIMITS AND NOTES.

MATCH LINE SEE SHEET SLP-03

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DRAWING ISSUE

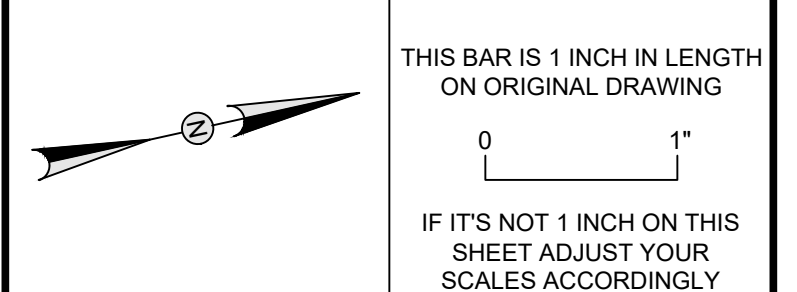
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REVISIONS

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STREETSCAPE LAYOUT PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



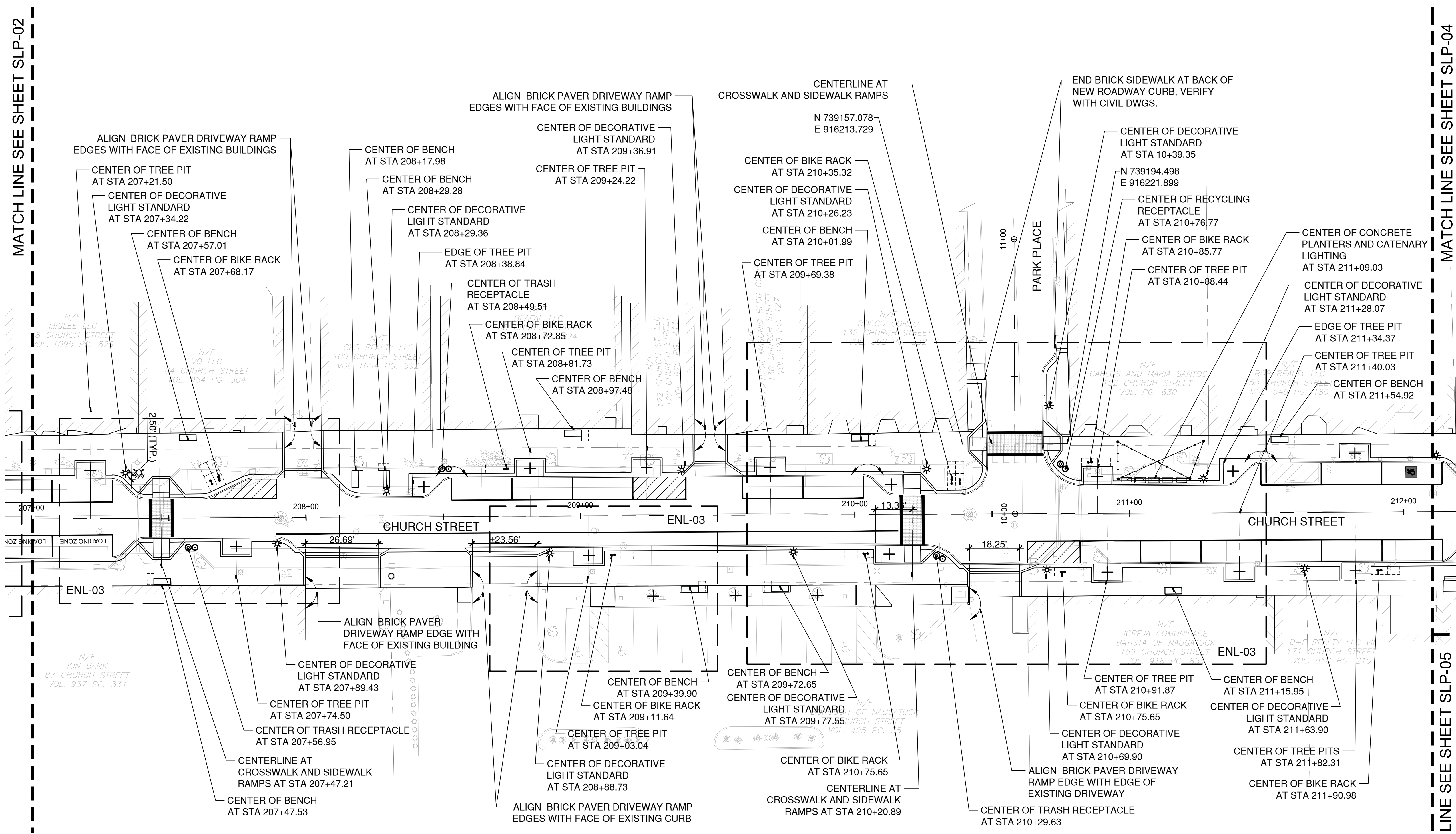
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DRAWN BY	REM/GJL
CHECKED BY	GJG
APPROVED BY	MAC

SLP-03

NOTE: SEE SLP-02 FOR STREETSCAPE LAYOUT NOTES AND LEGEND.



MATCH LINE SEE SHEET SLP-02

MATCH LINE SEE SHEET SLP-05

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 PLOTTED: 6/29/2023 5:43 PM BY: rachel e. mahr

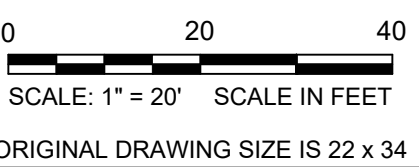


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REVISIONS				
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0 1"
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STREETSCAPE LAYOUT PLAN
DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

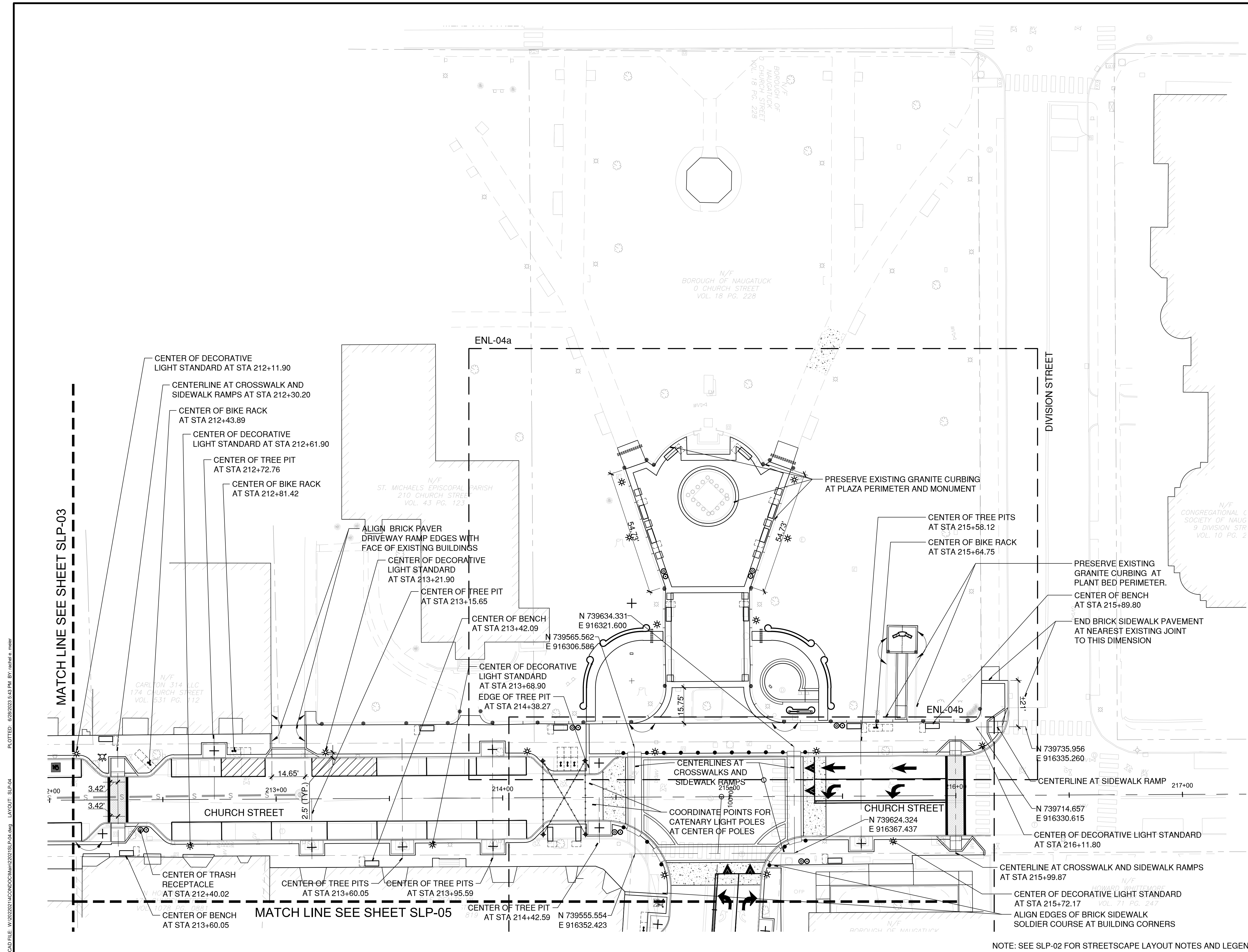


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APPROVED BY	MAC

SLP-04



NOTE: SEE SLP-02 FOR STREETSCAPE LAYOUT NOTES AND LEGEND.

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 PLOTTED: 6/29/2023 5:43 PM BY: rachel.e.maher



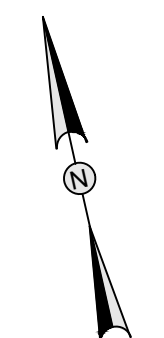
DRAWING ISSUE

REV	DESCRIPTION	DATE

REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

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SCALE VERIFICATION
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0 1"
IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

0 20 40
SCALE: 1" = 20' SCALE IN FEET
ORIGINAL DRAWING SIZE IS 22 x 34

STREETSCAPE LAYOUT PLAN
DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

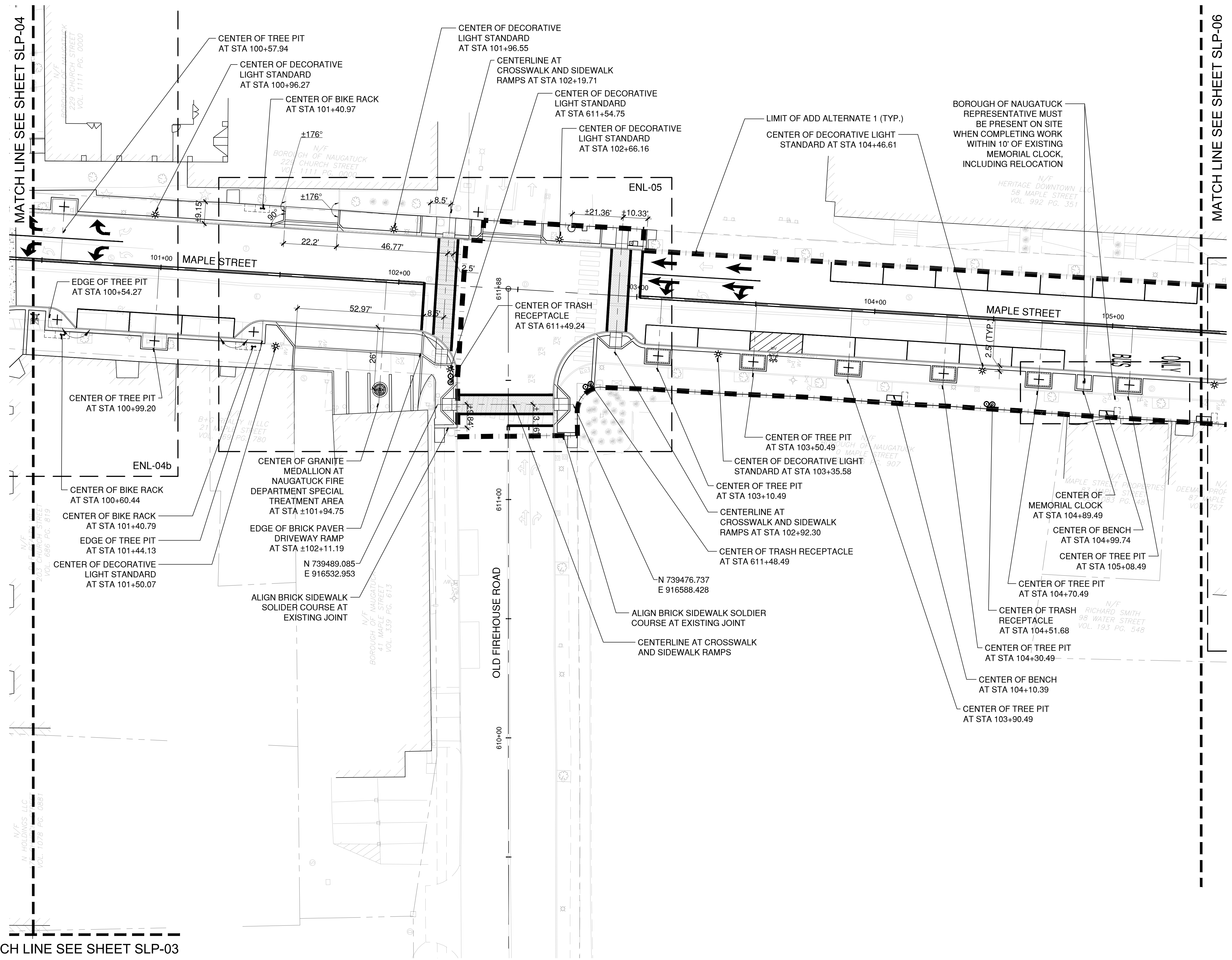


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

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APPROVED BY	MAC

SLP-05



MATCH LINE SEE SHEET SLP-03

MATCH LINE SEE SHEET SLP-06

CAD FILE: W:\2022\1\COND\2022\SLP-05.dwg LAYOUT: SLP-05 PLOTTED: 6/29/2023 5:44 PM BY: rachel e. mahr

NOTE: SEE SLP-02 FOR STREETSCAPE LAYOUT NOTES AND LEGEND.



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STREETSCAPE LAYOUT PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

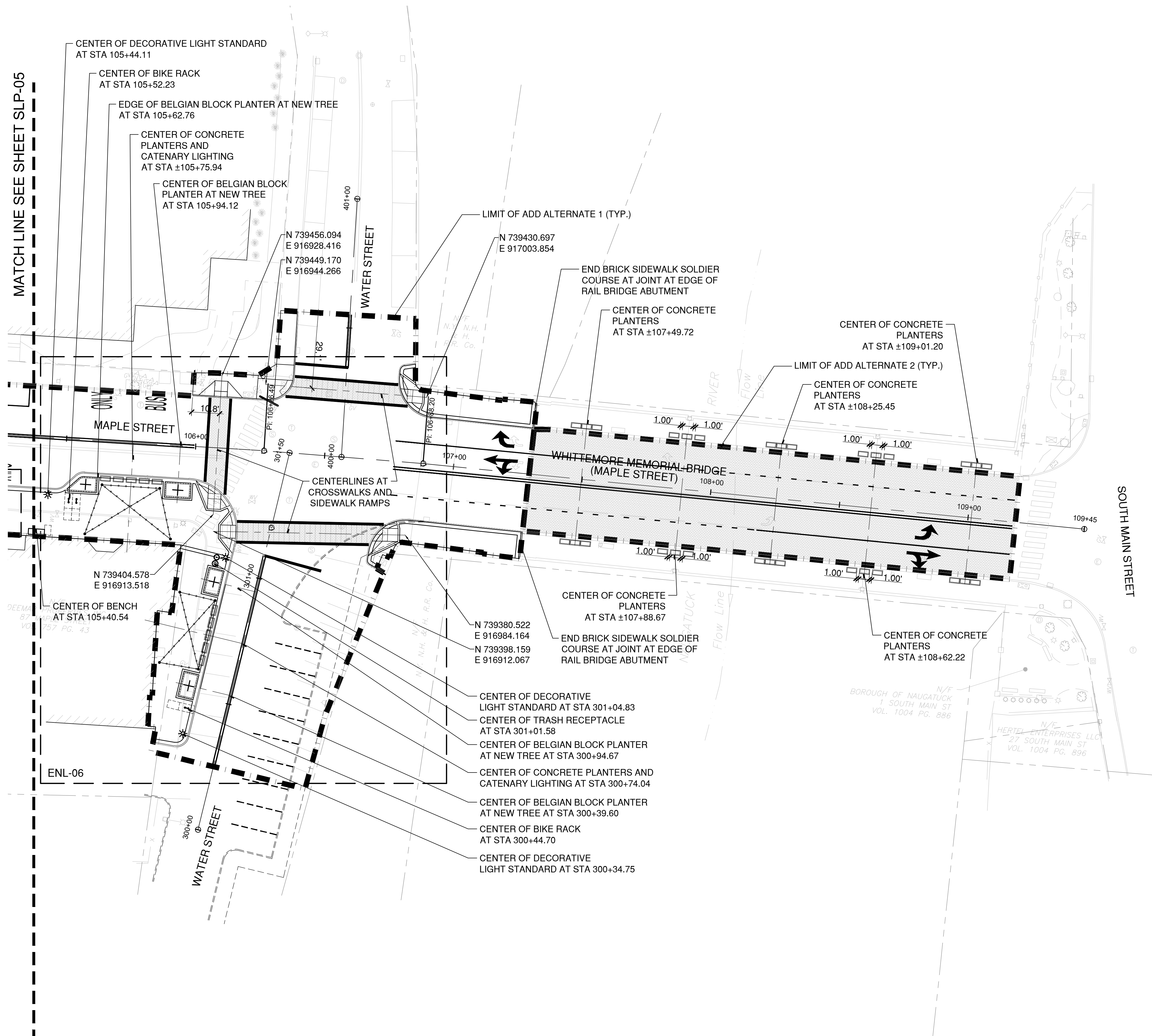


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SLP-06



MATCH LINE SEE SHEET SLP-05

ENL-06

CAD FILE: W:\2022\21\CONDO\Main\2023\SLP-06.dwg LAYOUT: SLP-06 PLOTTED: 6/29/2023 5:44 PM BY: rachel e. mahr

NOTE: SEE SLP-02 FOR STREETSCAPE LAYOUT NOTES AND LEGEND.

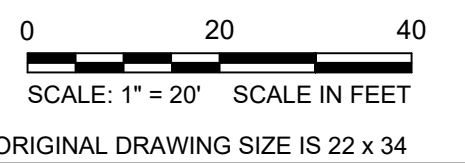
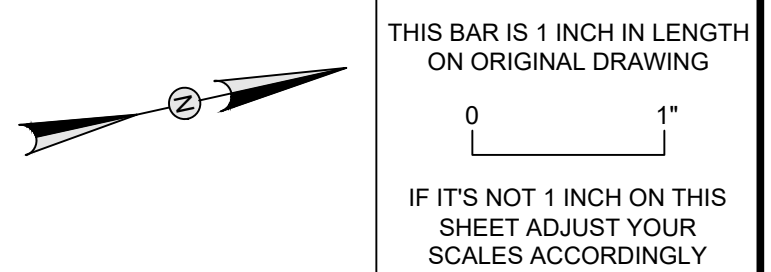


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SCALE VERIFICATION



STREETSCAPE MATERIALS PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

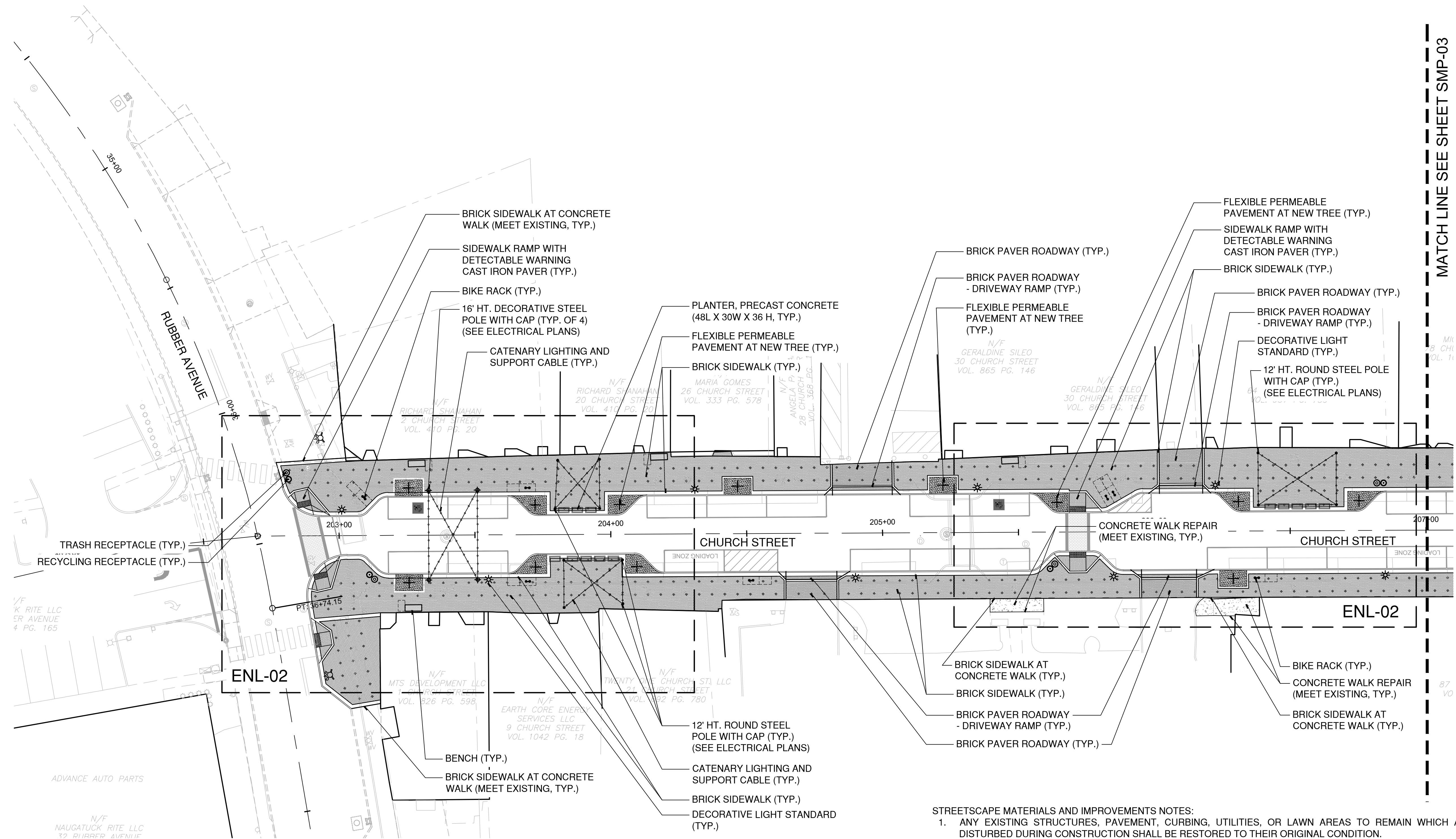


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SMP-02



MATCH LINE SEE SHEET SMP-03

MATERIALS PLAN LEGEND

	BRICK SIDEWALK OR BRICK PAVER ROADWAY		TRASH & RECYCLING RECEPTACLES
	FLEXIBLE PERMEABLE PAVEMENT		GRANITE BOLLARD
	CONCRETE WALK		PLANTER, PRECAST CONCRETE
	DETECTABLE WARNING CAST IRON PAVER		DECORATIVE STANDARD LIGHT POLE
	BENCH		CATENARY LIGHTING & POLES
	BIKE RACK		PROPOSED TREE CENTER POINT

STREETSCAPE MATERIALS AND IMPROVEMENTS NOTES:

1. ANY EXISTING STRUCTURES, PAVEMENT, CURBING, UTILITIES, OR LAWN AREAS TO REMAIN WHICH ARE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION.
2. AFTER THE AREAS TO BE TOPSOILED HAVE BEEN BROUGHT TO GRADE, THE SUBGRADE SHALL BE LOOSENEED BY SCARIFYING TO A DEPTH OF 4" TO ENSURE BONDING OF THE TOPSOIL AND SUBSOIL.
3. PLANTING SOIL SHALL NOT BE PLACED NOR COMPACTED WHILE IN A FROZEN OR MUDDY CONDITION OR WHILE SUBGRADE IS FROZEN.
4. SEE CIVIL ENGINEER'S DRAWINGS FOR ALL DEMOLITION, GRADING, UTILITY AND DRAINAGE INFORMATION.
5. LIGHTING IS SHOWN FOR COORDINATION PURPOSES ONLY. SEE SITE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
6. REFER TO SPP-SERIES FOR STRUCTURAL SOIL LIMITS AND NOTES.



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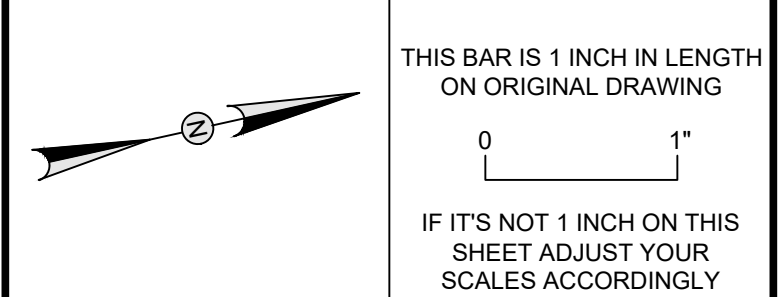
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STREETSCAPE MATERIALS PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



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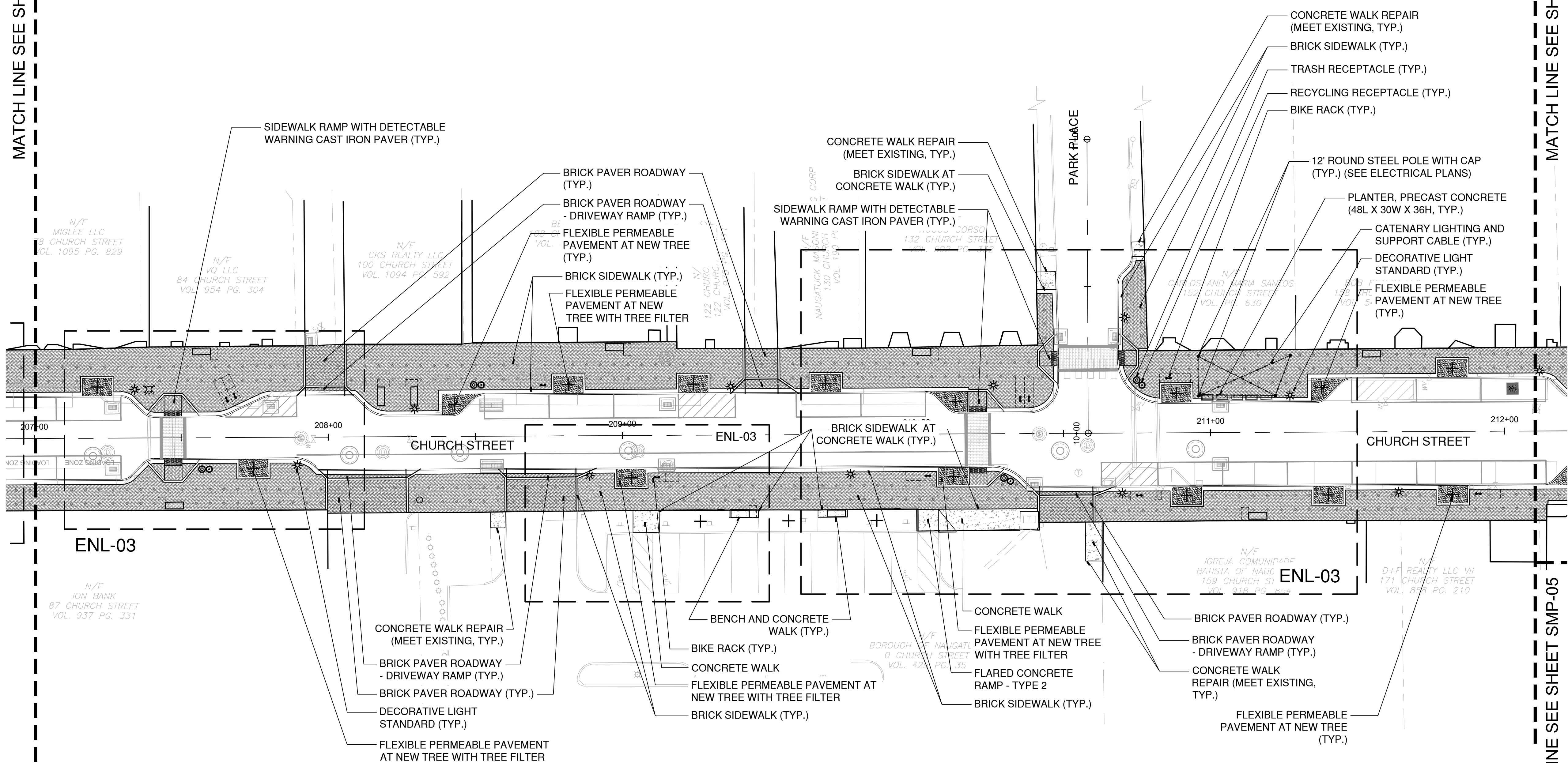
SMP-03

NOTE: SEE SMP-02 FOR STREETSCAPE MATERIALS AND IMPROVEMENT NOTES & LEGEND.

MATCH LINE SEE SHEET SMP-02

MATCH LINE SEE SHEET SMP-04

MATCH LINE SEE SHEET SMP-05



CAD FILE: W:\2022\1\CONDOCH\2022\SMP-03.dwg LAYOUT: SMP-03 PLOTTED: 6/29/2023 5:45 PM BY: rachel e. mahr



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STREETSCAPE MATERIALS PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

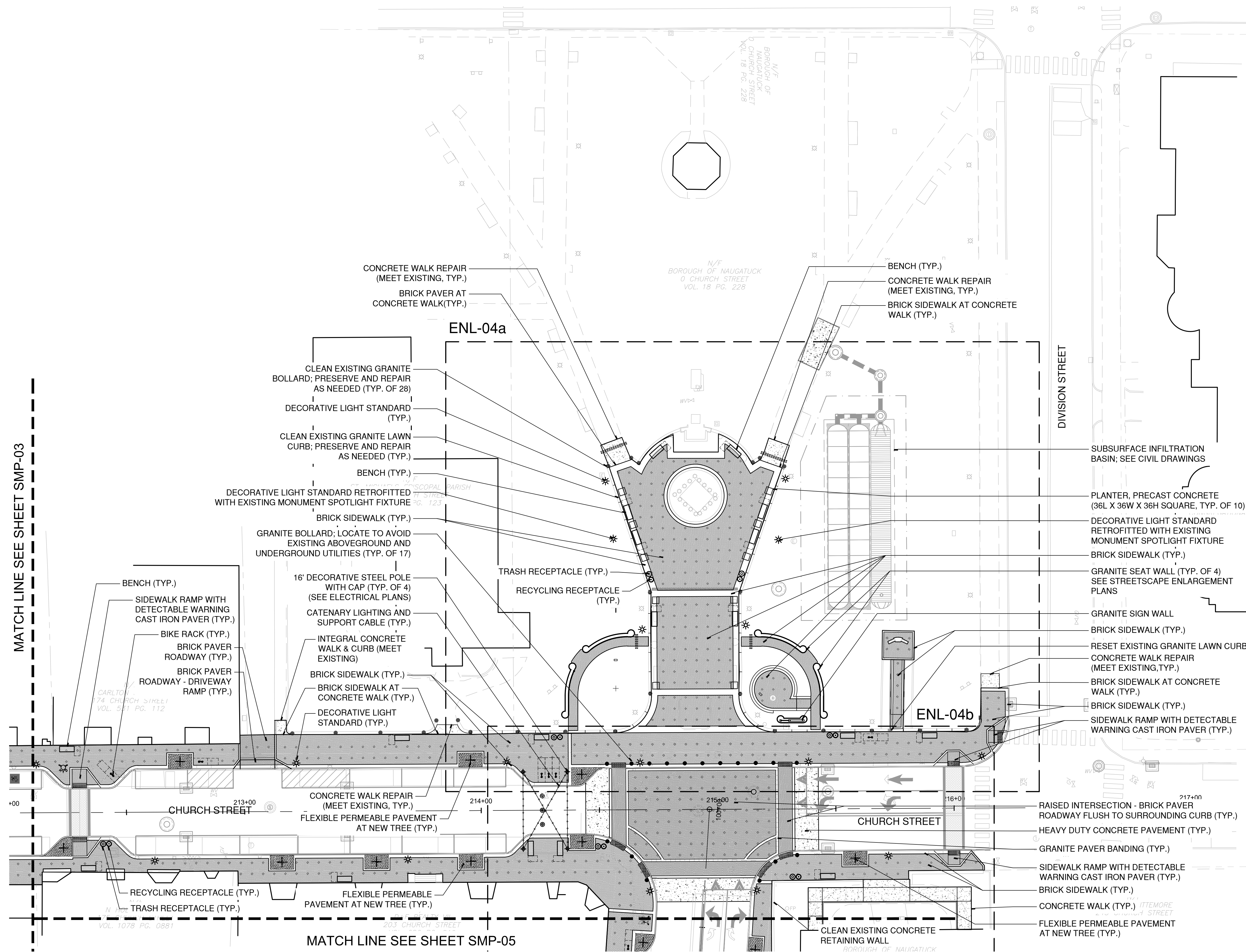


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SMP-04



PLOTTED: 6/29/2023 5:45 PM BY: rachel.e.miller
 CAD FILE: W:\2022\1\CONDOCH\2023\SMP-04.dwg LAYOUT: SMP-04

NOTE: SEE SMP-02 FOR STREETSCAPE MATERIALS AND IMPROVEMENT NOTES & LEGEND.



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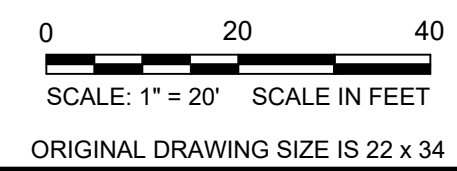
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STREETSCAPE MATERIALS PLAN
DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

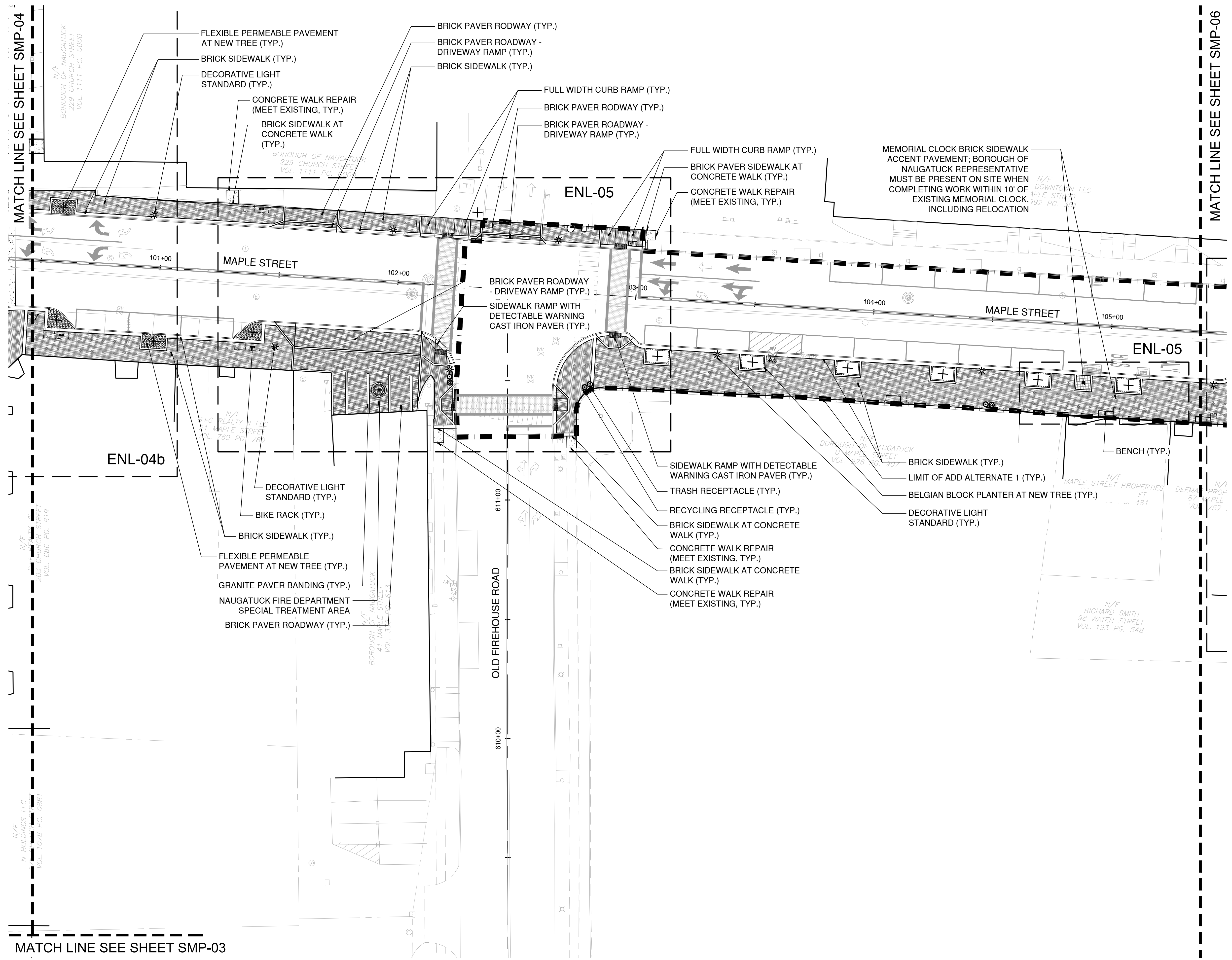


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SMP-05



CAD FILE: W:\2022\2022\1\COND\CHM\2022\SMP-05.dwg LAYOUT: SMP-05 PLOTTED: 6/29/2023 5:48 PM BY: rachel e. malar

NOTE: SEE SMP-02 FOR STREETSCAPE MATERIALS AND IMPROVEMENT NOTES & LEGEND.



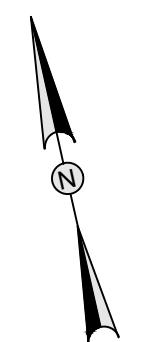
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STREETSCAPE MATERIALS PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

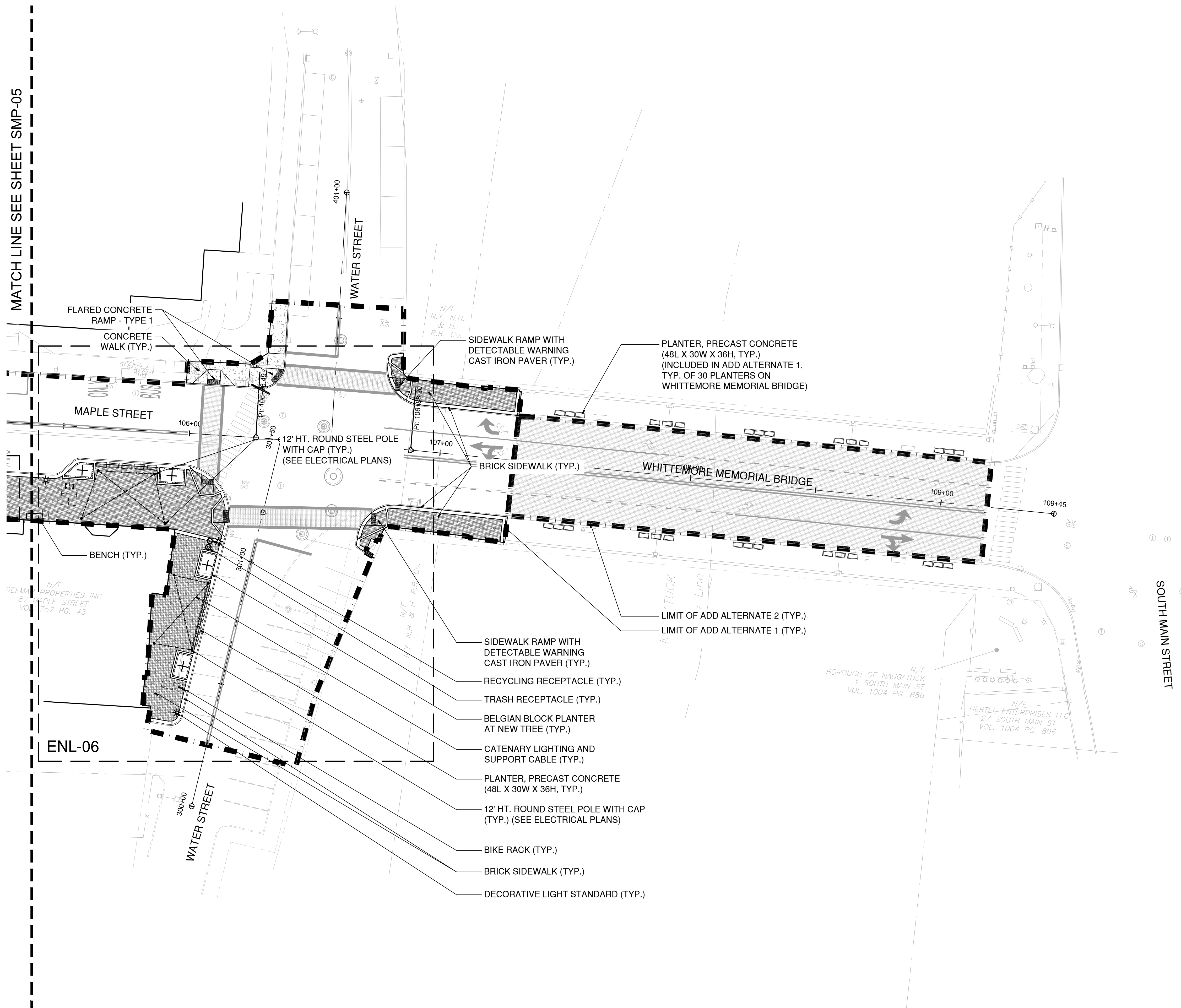


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SMP-06



MATCH LINE SEE SHEET SMP-05

ENL-06

- FLARED CONCRETE RAMP - TYPE 1
- CONCRETE WALK (TYP.)
- 12' HT. ROUND STEEL POLE WITH CAP (TYP.) (SEE ELECTRICAL PLANS)
- BRICK SIDEWALK (TYP.)
- SIDEWALK RAMP WITH DETECTABLE WARNING CAST IRON PAVER (TYP.)
- PLANTER, PRECAST CONCRETE (48L X 30W X 36H, TYP.) (INCLUDED IN ADD ALTERNATE 1, TYP. OF 30 PLANTERS ON WHITTEMORE MEMORIAL BRIDGE)
- PLANTER, PRECAST CONCRETE (48L X 30W X 36H, TYP.)
- 12' HT. ROUND STEEL POLE WITH CAP (TYP.) (SEE ELECTRICAL PLANS)
- BIKE RACK (TYP.)
- BRICK SIDEWALK (TYP.)
- DECORATIVE LIGHT STANDARD (TYP.)
- RECYCLING RECEPTACLE (TYP.)
- TRASH RECEPTACLE (TYP.)
- BELGIAN BLOCK PLANTER AT NEW TREE (TYP.)
- CATENARY LIGHTING AND SUPPORT CABLE (TYP.)
- LIMIT OF ADD ALTERNATE 2 (TYP.)
- LIMIT OF ADD ALTERNATE 1 (TYP.)
- SIDEWALK RAMP WITH DETECTABLE WARNING CAST IRON PAVER (TYP.)

NOTE: SEE SMP-02 FOR STREETSCAPE MATERIALS AND IMPROVEMENT NOTES & LEGEND.

LANDSCAPE ARCHITECT

Richter & Cegan Inc.

88 CANAL COURT P.O. BOX 567
AVON, CT 06001
PHONE: 860-678-0669
CONTACT NAME: Gary Guimond
EMAIL: gguimond@richtercegan.com



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STREETSCAPE DRAWING LAYOUT PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

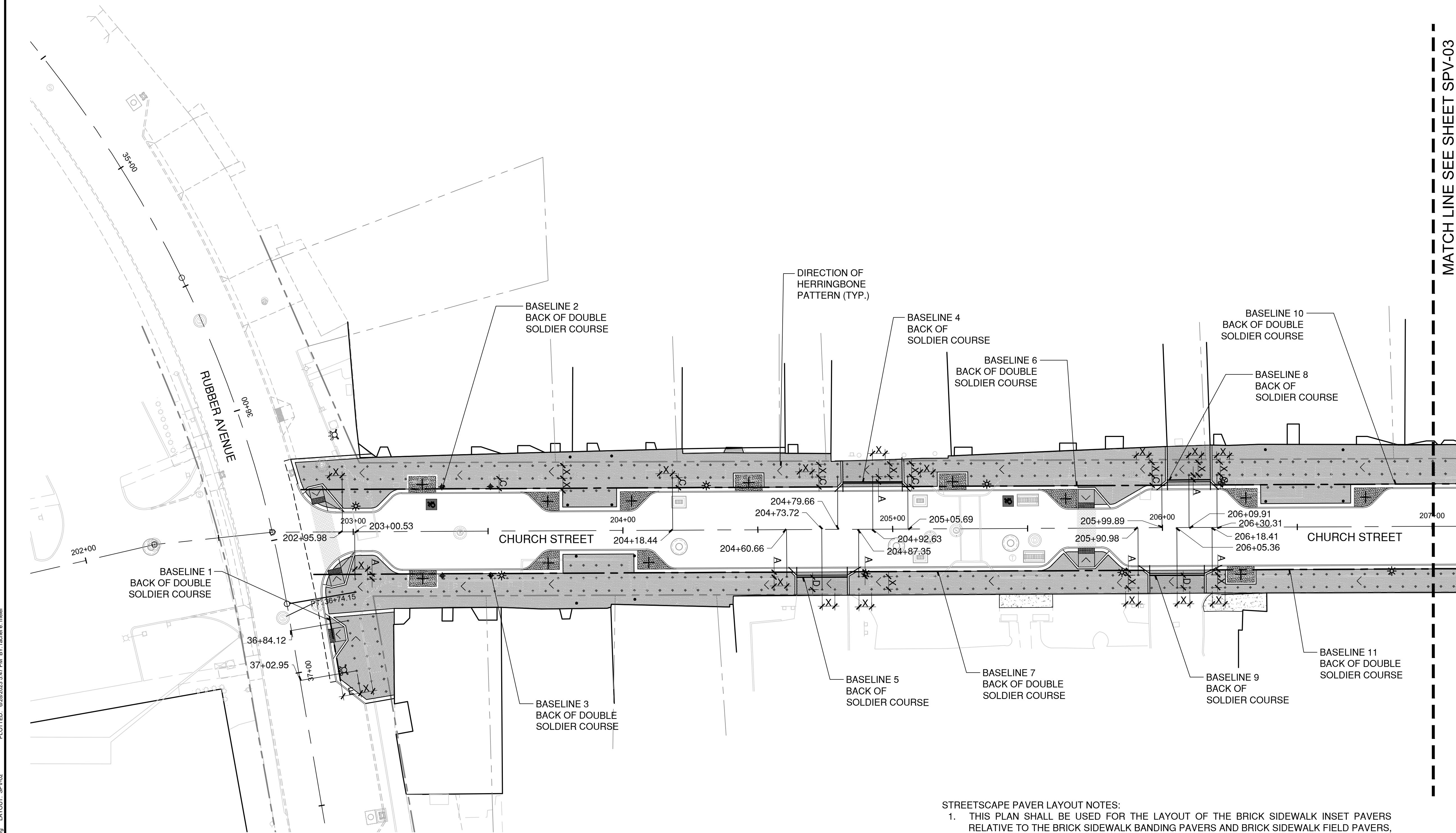


BOROUGH OF NAUGATUCK
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SPV-02



PLOTTED: 6/29/2023 5:47 PM BY: rachel e. mahr LAYOUT: SPV-02.dwg CAD FILE: W:\2022\21\CONDO\Main\2202\SPV-02.dwg

STREETSCAPE PAVER LAYOUT NOTES:

1. THIS PLAN SHALL BE USED FOR THE LAYOUT OF THE BRICK SIDEWALK INSET PAVERS RELATIVE TO THE BRICK SIDEWALK BANDING PAVERS AND BRICK SIDEWALK FIELD PAVERS, AS WELL AS THE LAYOUT OF THE BRICK PAVER ROADWAY INSET PAVERS RELATIVE TO THE BRICK PAVER ROADWAY BANDING PAVERS, BRICK PAVER ROADWAY FIELD PAVERS, AND GRANITE PAVER BANDING.
2. INSET PAVER SHALL NOT BE PLACED ALONG THE PAVER BANDING IF LESS THAN 50% OF THE INSET PAVER REMAINS AFTER CUTTING THE PAVER TO FIT IN THE HERRINGBONE FIELD PATTERN.
3. REFER TO SHEET MDS-24 FOR PAVER WORKING LAYOUT DETAIL INCLUDING SUGGESTED PAVER LAYOUT PROCESS AND LAYOUT SPACING TABLE (VALUES 'X' AND 'A' - 'F').
4. REFER TO MDS-SERIES FOR ADDITIONAL DETAILS AND NOTES ON PAVER LAYOUT AND INSTALLATION.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM ALL LAYOUT INFORMATION. ANY DISCREPANCIES BETWEEN THE PLANS AND EXISTING CONDITIONS SHOULD BE BROUGHT TO THE ENGINEER'S ATTENTION FOR REVIEW AND CLARIFICATION.



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STREETSCAPE PAVER LAYOUT PLAN
DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



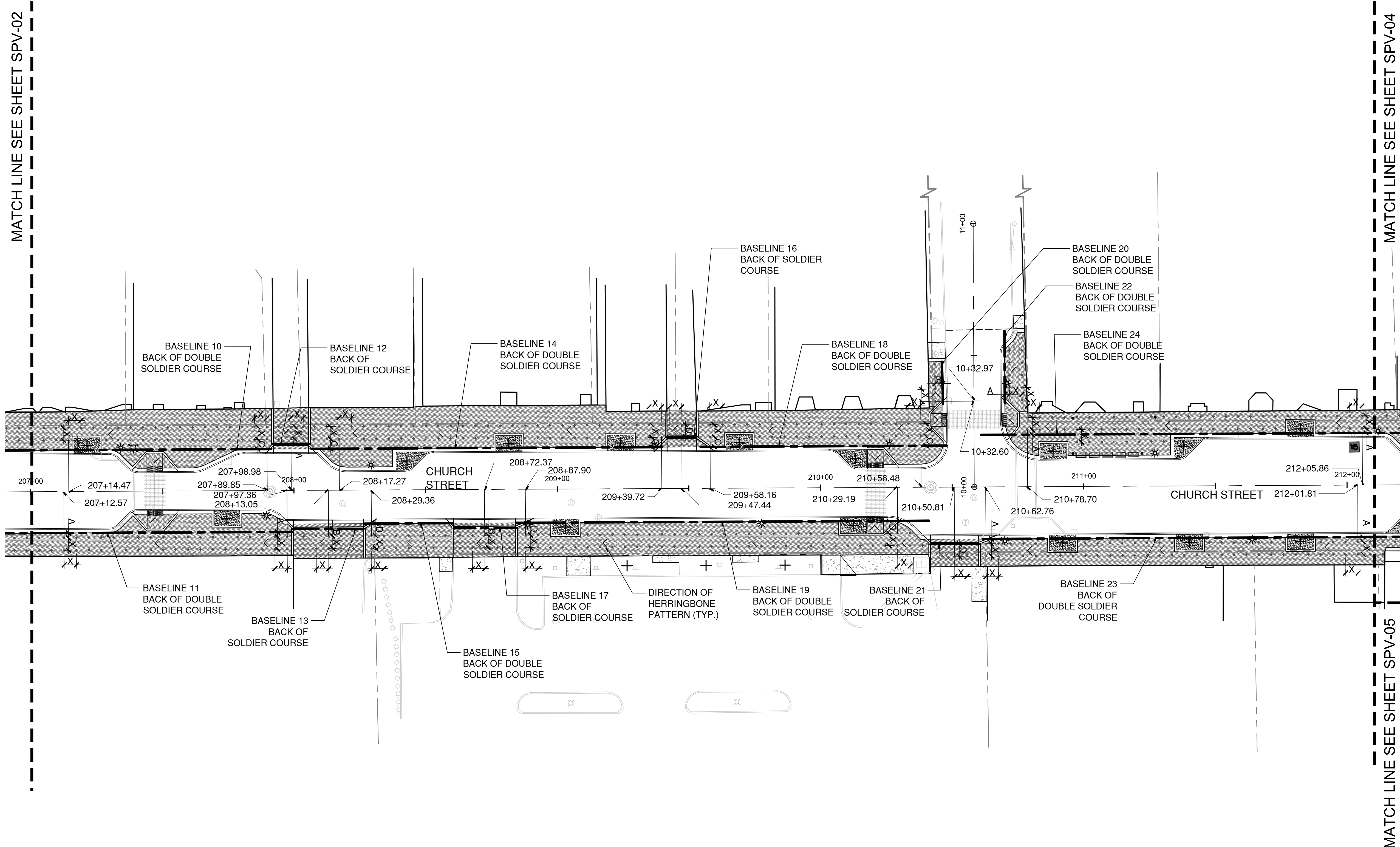
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SPV-03

NOTE: SEE SPV-02 FOR STREETSCAPE PAVER LAYOUT NOTES.



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STREETSCAPE PAVER LAYOUT PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



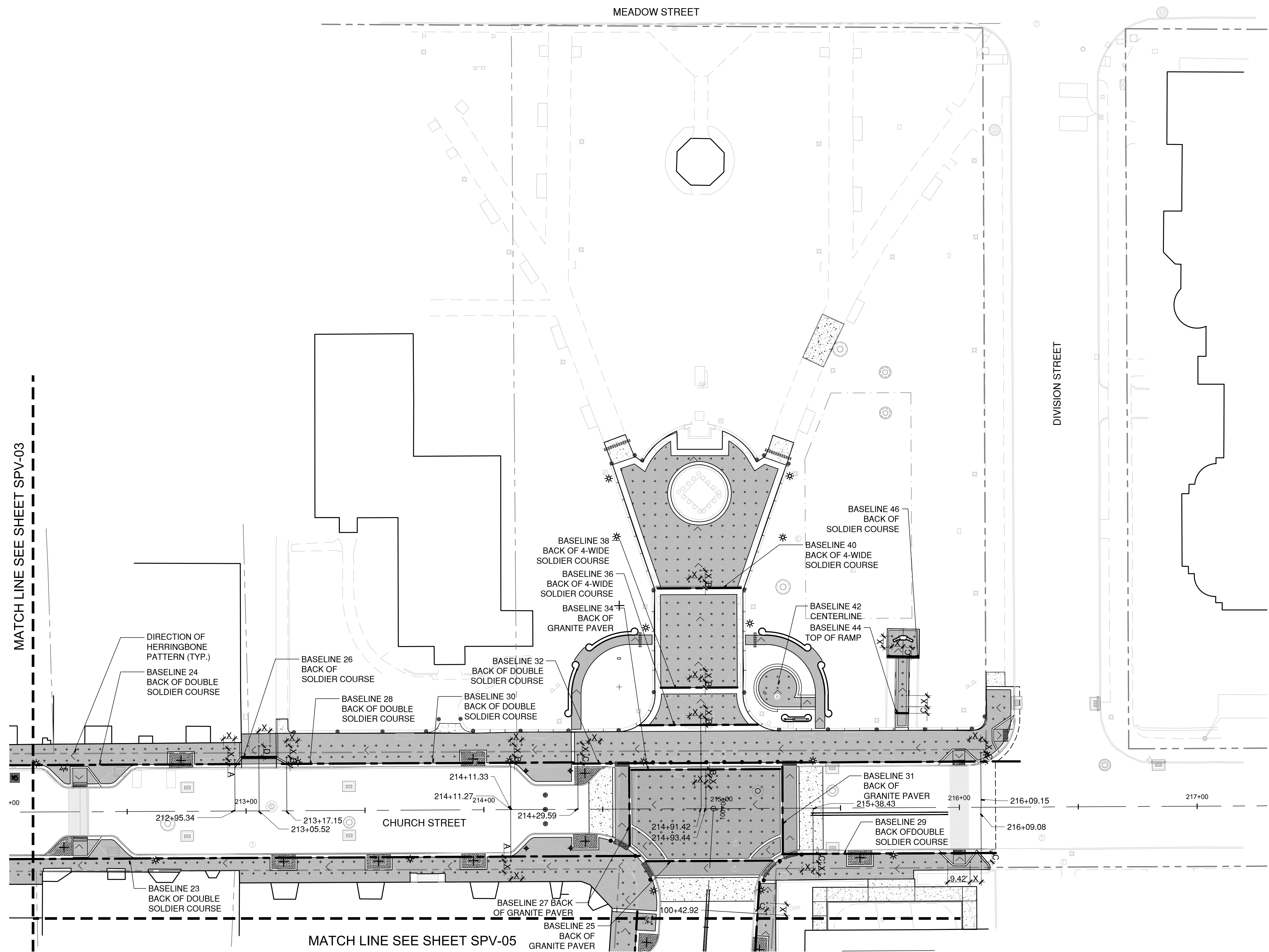
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SPV-04

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NOTE: SEE SPV-02 FOR STREETSCAPE PAVER LAYOUT NOTES.



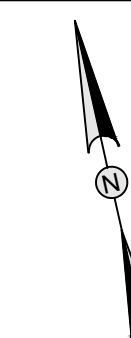
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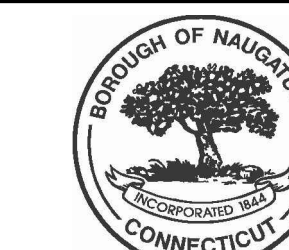
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DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
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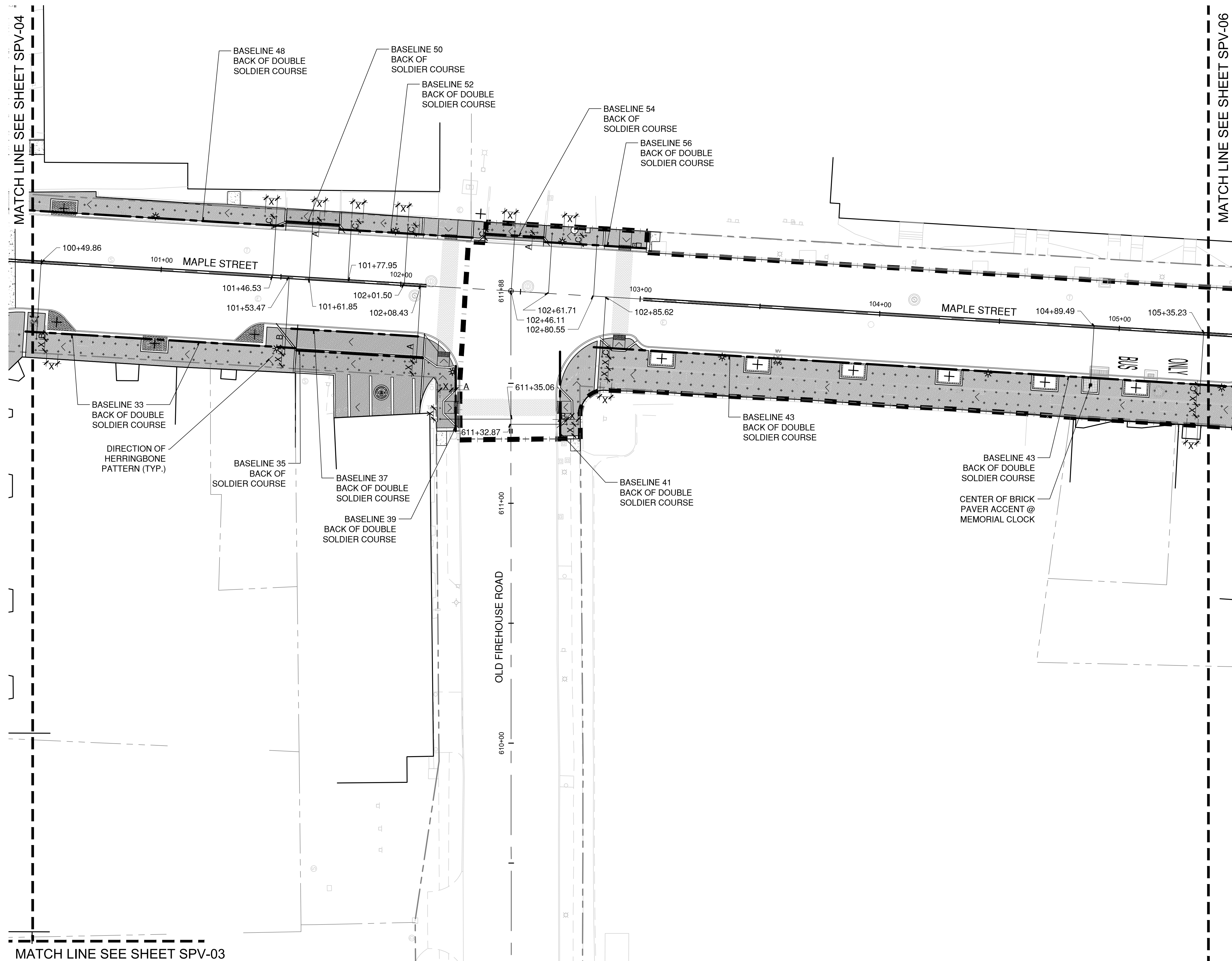
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SPV-05

NOTE: SEE SPV-02 FOR STREETSCAPE PAVER LAYOUT NOTES.



MATCH LINE SEE SHEET SPV-04

MATCH LINE SEE SHEET SPV-06

MATCH LINE SEE SHEET SPV-03

LANDSCAPE ARCHITECT

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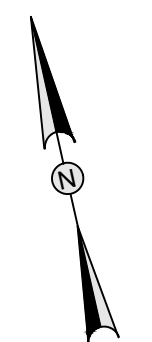
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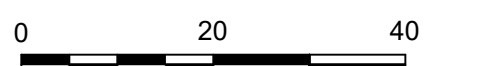


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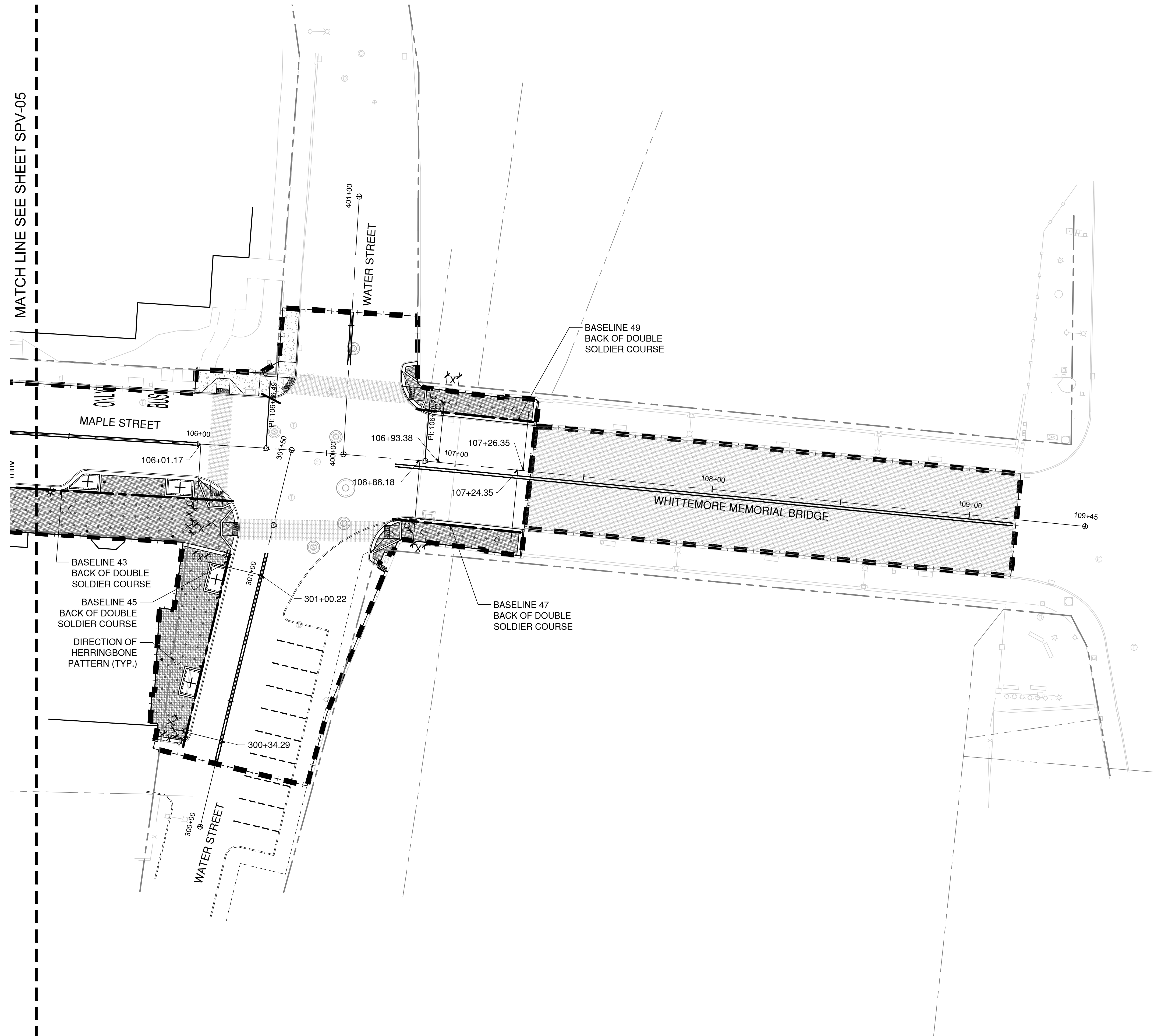
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SPV-06

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STREETSCAPE ENLARGEMENT PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

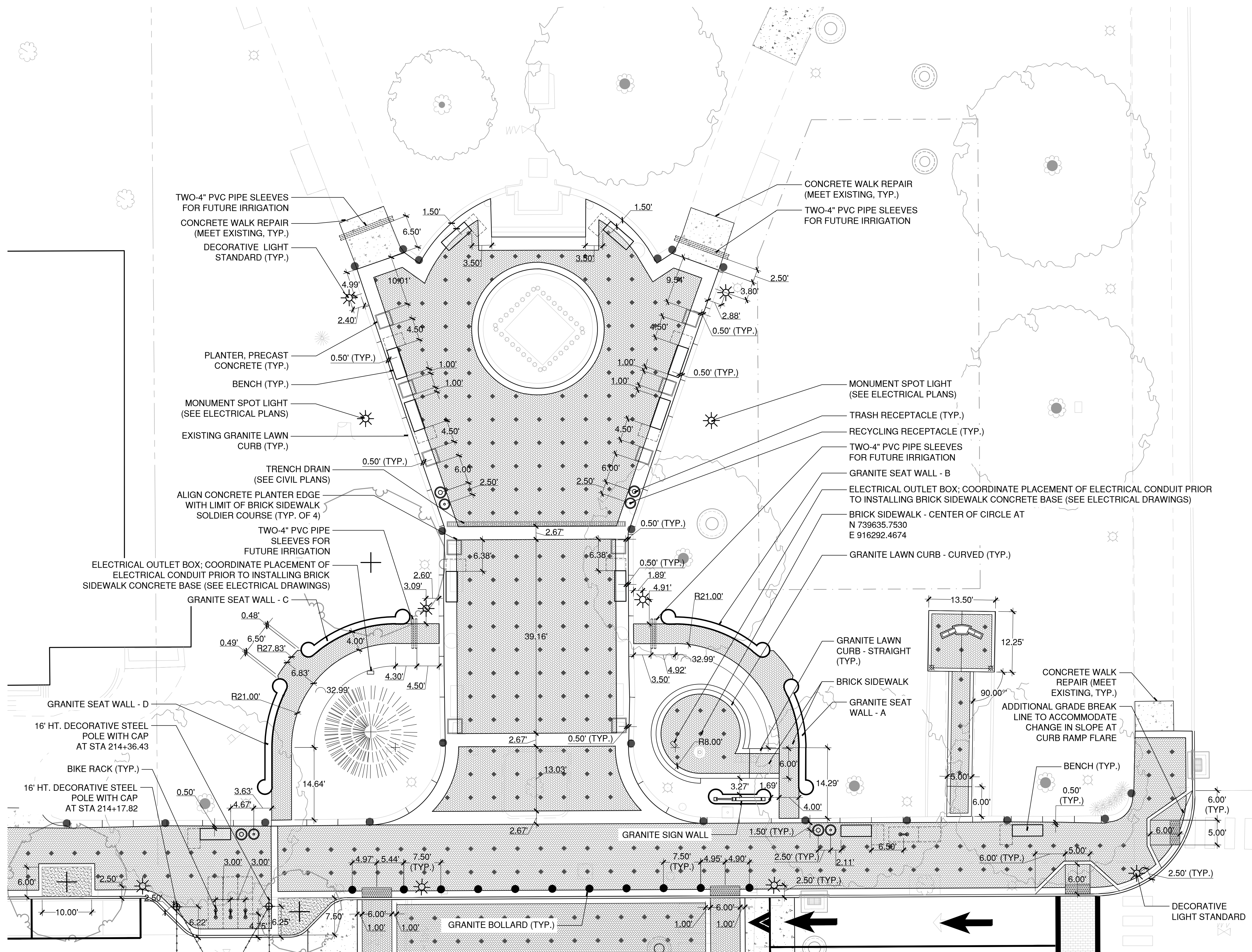


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ENL-04a



TOWN GREEN

PLOTTED: 6/29/2023 5:51 PM BY: mchelle_meller
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STREETSCAPE ENLARGEMENT PLAN
DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

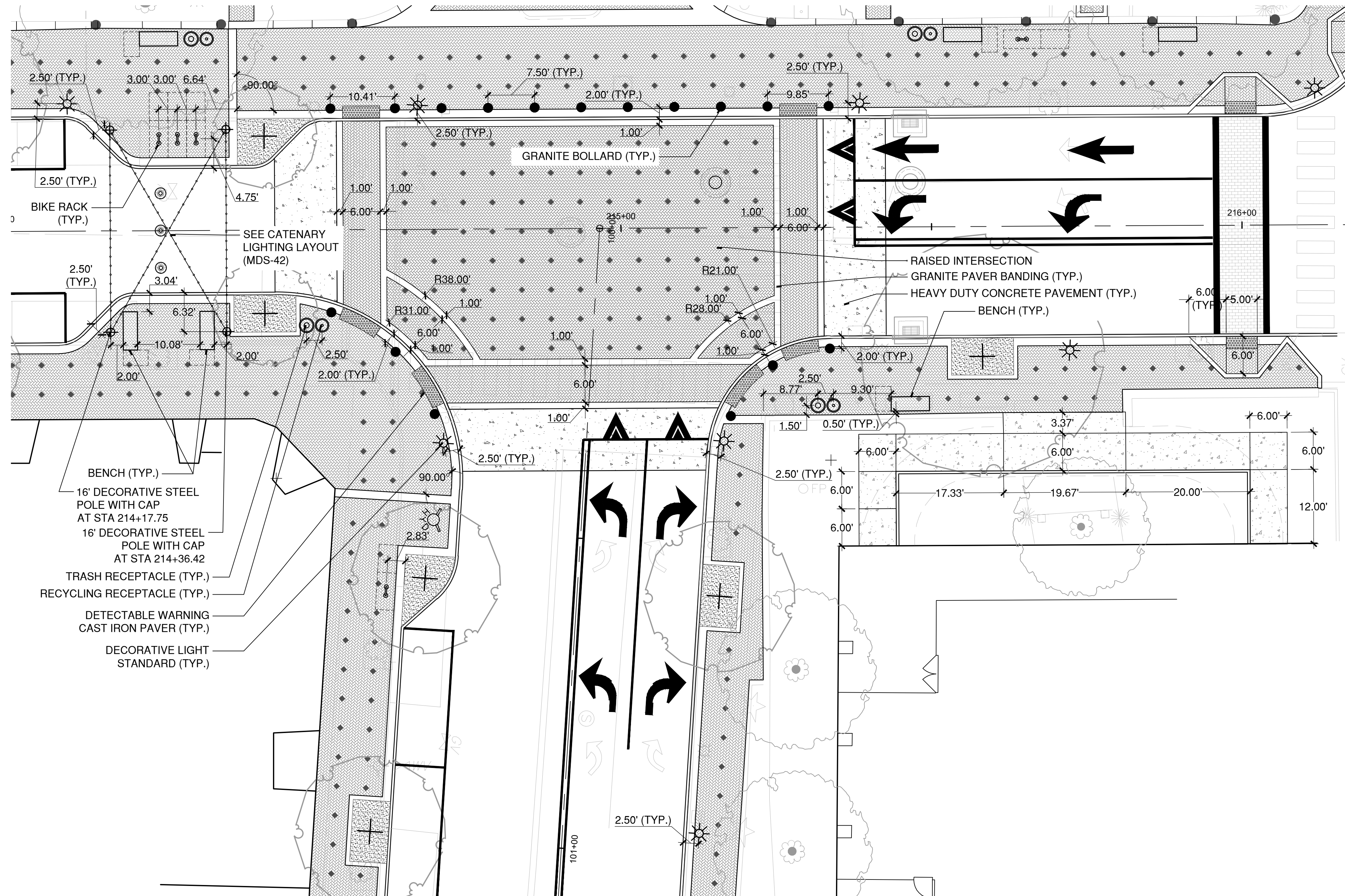


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	MAC/GJG
DRAWN BY	REM/GJL
CHECKED BY	GJG
APPROVED BY	MAC

ENL-04b



CHURCH STREET AND MAPLE STREET RAISED INTERSECTION / TOWN HALL ENTRY

LANDSCAPE ARCHITECT
Richter & Cegan Inc.
88 CANAL COURT P.O. BOX 567
AVON, CT 06001
PHONE: 860-678-0669
CONTACT NAME: Gary Guimond
EMAIL: gguimond@richtercegan.com



DRAWING ISSUE

REV	DESCRIPTION	DATE

REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION
THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING
IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

ORIGINAL DRAWING SIZE IS 22 x 34

STREETSCAPE ENLARGEMENT PLAN
DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

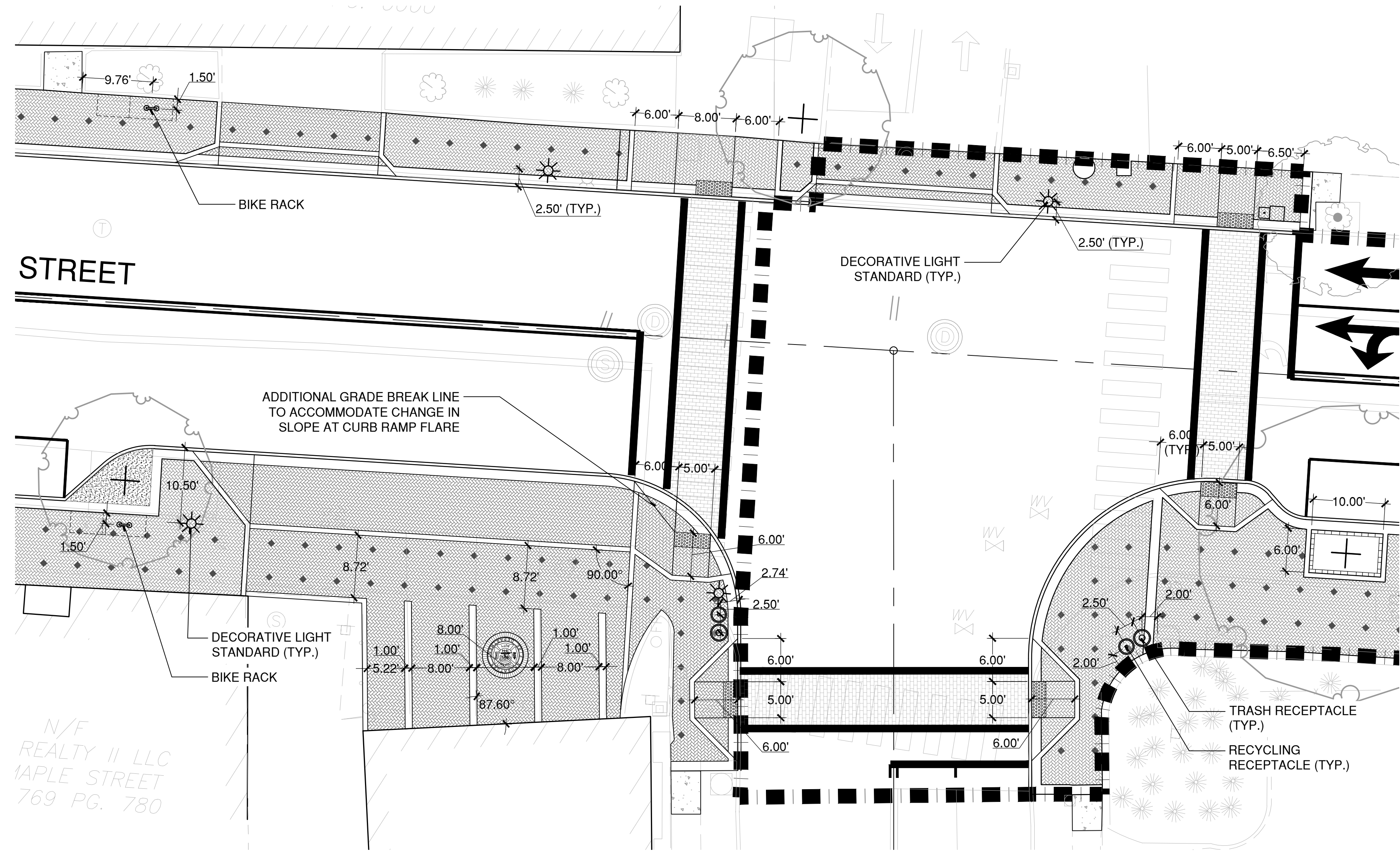


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

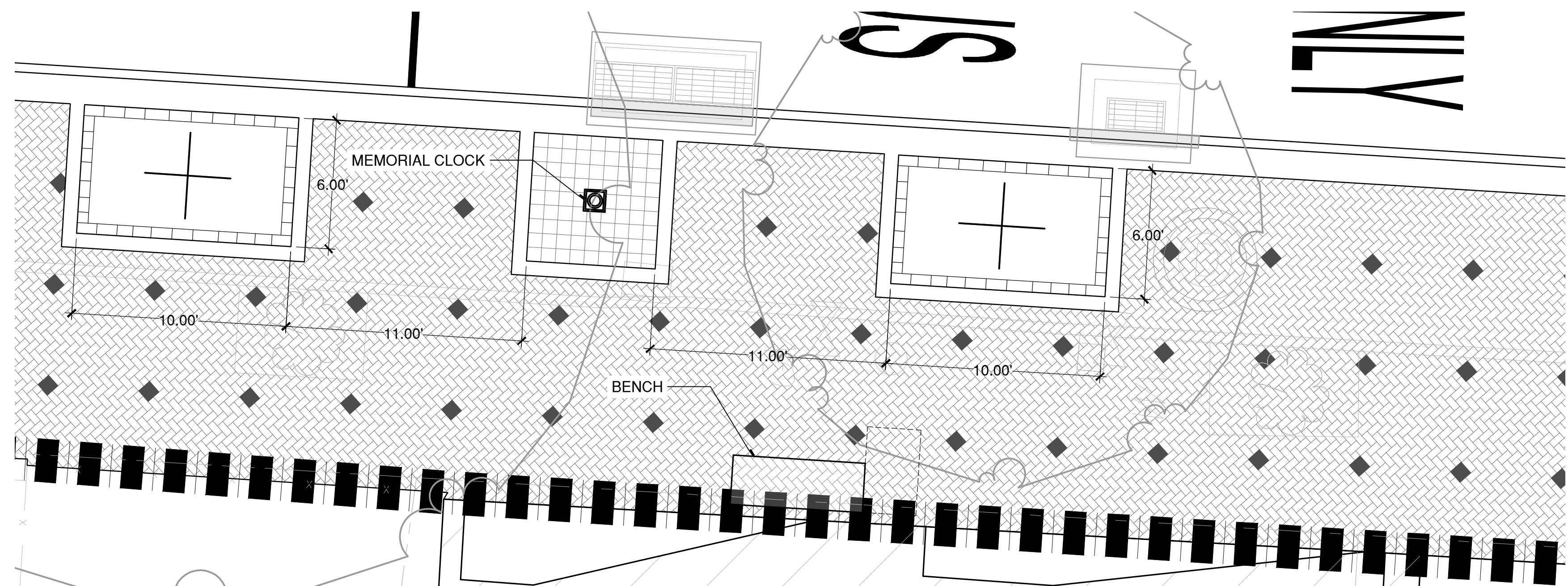
PROJECT NO.	20225069.002A
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ENL-05



MAPLE STREET AND OLD FIREHOUSE ROAD INTERSECTION

0 10 20
SCALE: 1" = 10' SCALE IN FEET



MAPLE STREET MEMORIAL CLOCK

0 4 8
SCALE: 1" = 4' SCALE IN FEET

N/F
REALTY II LLC
MAPLE STREET
769 PG. 780



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REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION

THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING

SCALE: 1" = 10' SCALE IN FEET

ORIGINAL DRAWING SIZE IS 22 x 34

STREETSCAPE ENLARGEMENT PLAN
DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

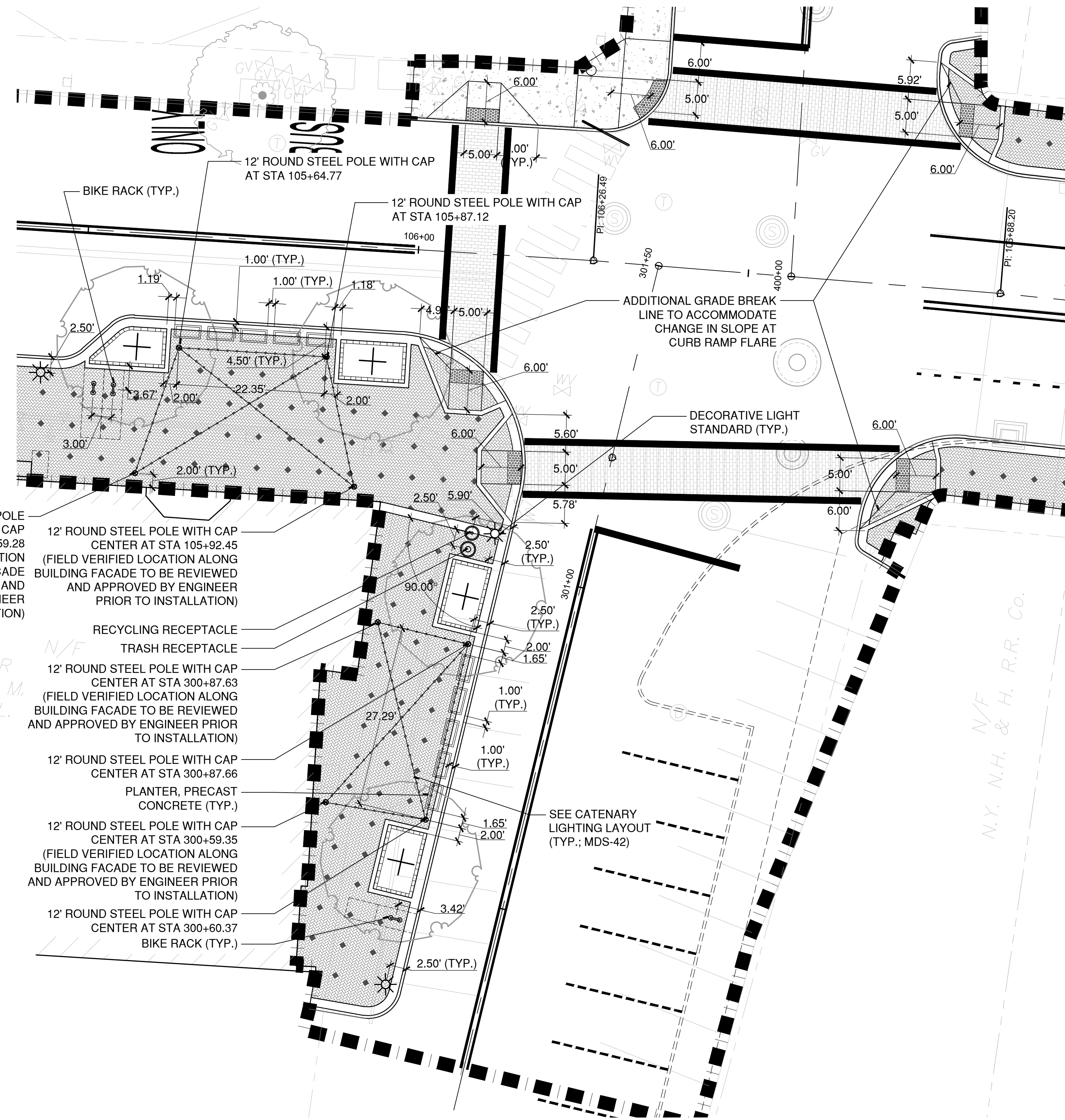


BOROUGH OF NAUGATUCK
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ENL-06



12' ROUND STEEL POLE WITH CAP CENTER AT STA 105+59.28 (FIELD VERIFIED LOCATION ALONG BUILDING FACADE TO BE REVIEWED AND APPROVED BY ENGINEER PRIOR TO INSTALLATION)

12' ROUND STEEL POLE WITH CAP CENTER AT STA 105+92.45 (FIELD VERIFIED LOCATION ALONG BUILDING FACADE TO BE REVIEWED AND APPROVED BY ENGINEER PRIOR TO INSTALLATION)

RECYCLING RECEPTACLE
TRASH RECEPTACLE

12' ROUND STEEL POLE WITH CAP CENTER AT STA 300+87.63 (FIELD VERIFIED LOCATION ALONG BUILDING FACADE TO BE REVIEWED AND APPROVED BY ENGINEER PRIOR TO INSTALLATION)

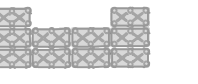
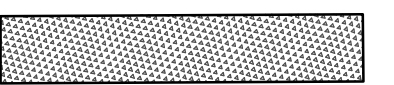
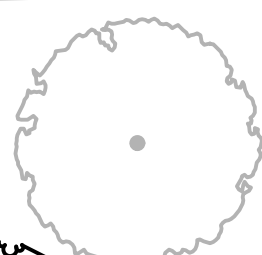
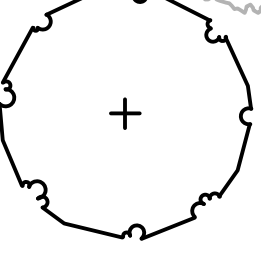

12' ROUND STEEL POLE WITH CAP CENTER AT STA 300+87.66
PLANTER, PRECAST CONCRETE (TYP.)

12' ROUND STEEL POLE WITH CAP CENTER AT STA 300+59.35 (FIELD VERIFIED LOCATION ALONG BUILDING FACADE TO BE REVIEWED AND APPROVED BY ENGINEER PRIOR TO INSTALLATION)

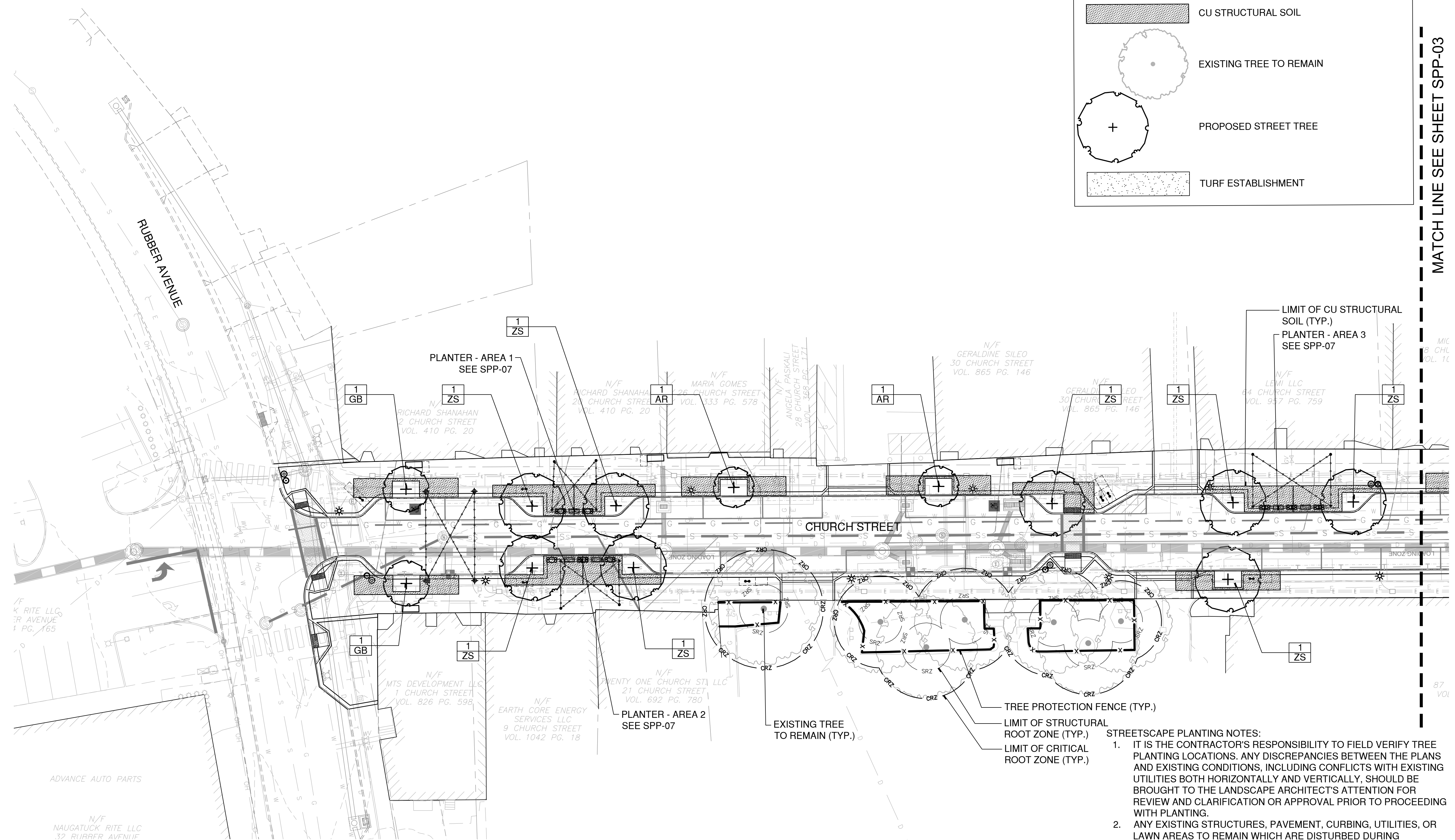
12' ROUND STEEL POLE WITH CAP CENTER AT STA 300+60.37
BIKE RACK (TYP.)

MAPLE STREET & WATER STREET INTERSECTION

PLANTING PLAN LEGEND

- PROPERTY LINE
- CRZ --- CRZ --- CRITICAL ROOT ZONE
- SRZ --- SRZ --- STRUCTURAL ROOT ZONE
- X-X- TREE PROTECTION FENCE
-  TREE FILTER SYSTEM, REFER TO CIVIL DWGS.
-  CU STRUCTURAL SOIL
-  EXISTING TREE TO REMAIN
-  PROPOSED STREET TREE
-  TURF ESTABLISHMENT

MATCH LINE SEE SHEET SPP-03




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400 Capital Boulevard, Suite 104
Rocky Hill, CT 06067
Phone: 860-563-7775
www.kleinfelder.com

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88 CANAL COURT P.O. BOX 567
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EMAIL: gguimond@richtercegan.com



DRAWING ISSUE

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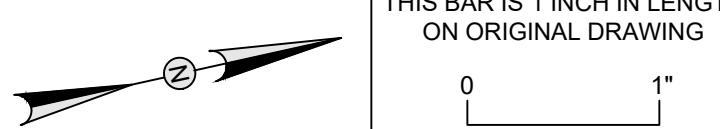
REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION

THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING



SCALE: 1" = 20' SCALE IN FEET

ORIGINAL DRAWING SIZE IS 22 x 34

0 20 40
SCALE: 1" = 20' SCALE IN FEET
ORIGINAL DRAWING SIZE IS 22 x 34

STREETSCAPE PLANTING PLAN
DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

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SPP-02

- STRUCTURAL SOIL NOTES:**
- LIMITS OF CU STRUCTURAL SOIL SHOWN ARE APPROXIMATE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY LIMITS OF CU STRUCTURAL SOIL SUCH THAT EACH TREE PIT MAINTAINS AN AVERAGE OF 23 CUBIC YARDS OF CU STRUCTURAL SOIL. ANY DISCREPANCIES BETWEEN PLANS AND FIELD VERIFIED LIMITS SHOULD BE BROUGHT TO THE ENGINEER'S ATTENTION FOR REVIEW AND CLARIFICATION.
 - AFTER EXCAVATION AND PREPARATION, ALL AREAS TO RECEIVE CU STRUCTURAL SOIL SHALL BE INSPECTED BY THE INSTALLING CONTRACTOR AND THE ENGINEER PRIOR TO STARTING WORK. ALL DEFECTS SUCH AS INCORRECT GRADING, COMPACTION, AND INADEQUATE DRAINAGE SHALL BE REPORTED TO THE ENGINEER PRIOR TO BEGINNING THIS WORK.

- STREETSCAPE PLANTING NOTES:**
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY TREE PLANTING LOCATIONS. ANY DISCREPANCIES BETWEEN THE PLANS AND EXISTING CONDITIONS, INCLUDING CONFLICTS WITH EXISTING UTILITIES BOTH HORIZONTALLY AND VERTICALLY, SHOULD BE BROUGHT TO THE LANDSCAPE ARCHITECT'S ATTENTION FOR REVIEW AND CLARIFICATION OR APPROVAL PRIOR TO PROCEEDING WITH PLANTING.
 - ANY EXISTING STRUCTURES, PAVEMENT, CURBING, UTILITIES, OR LAWN AREAS TO REMAIN WHICH ARE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION.
 - AFTER THE AREAS TO BE TOPSOILED HAVE BEEN BROUGHT TO GRADE, THE SUBGRADE SHALL BE LOOSENEED BY SCARIFYING TO A DEPTH OF 4" TO ENSURE BONDING OF THE TOPSOIL AND SUBSOIL. PLANTING SOIL SHALL NOT BE PLACED NOR COMPACTED WHILE IN A FROZEN OR MUDDY CONDITION OR WHILE SUBGRADE IS FROZEN.
 - PLANTING SOIL SHALL NOT BE PLACED NOR COMPACTED WHILE IN A FROZEN OR MUDDY CONDITION OR WHILE SUBGRADE IS FROZEN.
 - SEE CIVIL ENGINEER'S DRAWINGS FOR ALL DEMOLITION, GRADING, UTILITY AND DRAINAGE INFORMATION.
 - SEE MDS-45 AND MDS-46 FOR PLANT SCHEDULE, DETAILS, AND ADDITIONAL PLANTING NOTES.
 - SEE STP-SERIES FOR TREE PRESERVATION PLANS, NOTES, AND DETAILS.

PLOTTED: 6/29/2023 5:54 PM BY: rachel e. mahr
LAYOUT: SPP-02.dwg

LANDSCAPE ARCHITECT
Richter & Cegan Inc.
88 CANAL COURT P.O. BOX 567
AVON, CT 06001
PHONE: 860-678-0669
CONTACT NAME: Gary Guimond
EMAIL: gguimond@richtercegan.com



DRAWING ISSUE		
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0 20 40
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STREETSCAPE PLANTING PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

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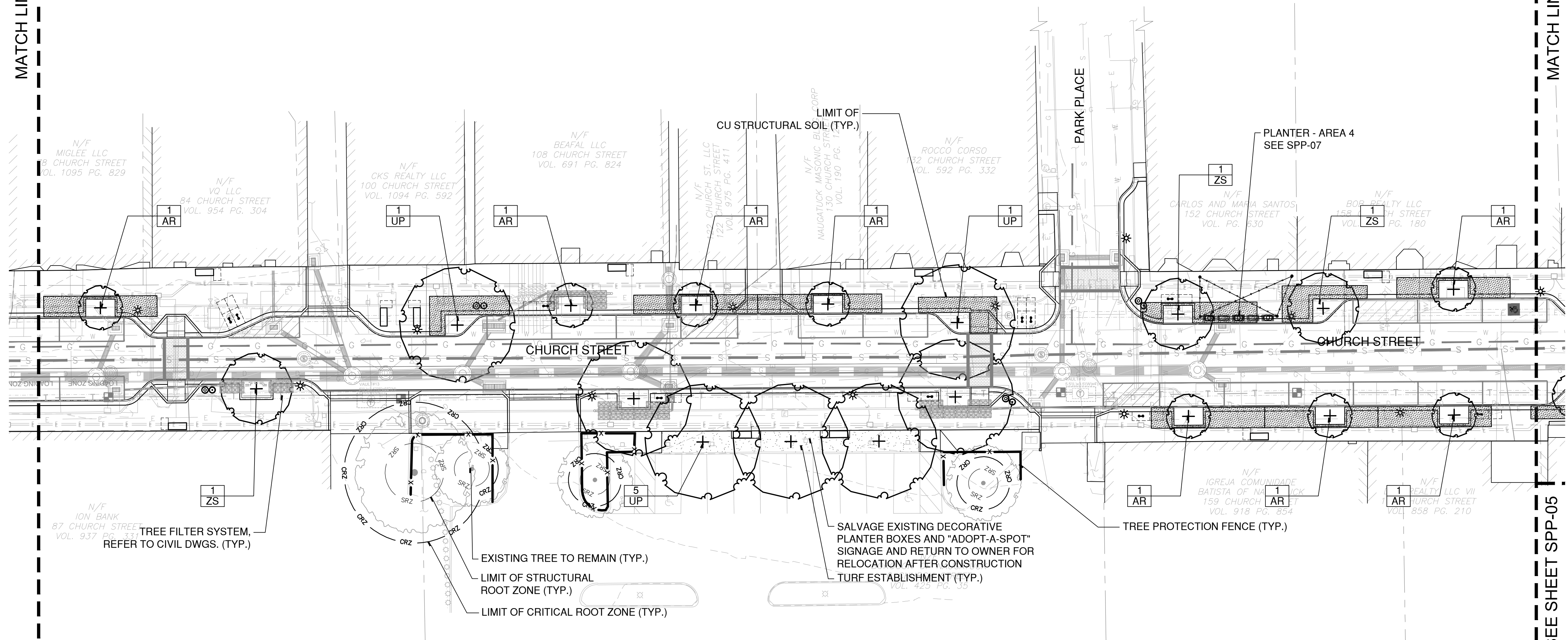
SPP-03

NOTE: SEE SPP-02 FOR PLANTING LEGEND, STREETSCAPE PLANTING NOTES, & STRUCTURAL SOIL NOTES.

MATCH LINE SEE SHEET SPP-02

MATCH LINE SEE SHEET SPP-04

MATCH LINE SEE SHEET SPP-05





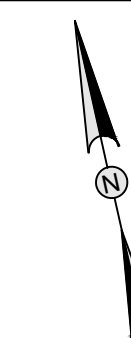
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REVISIONS

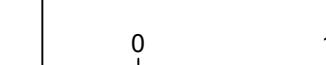
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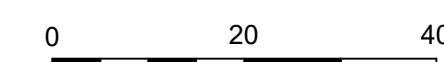


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STREETSCAPE PLANTING PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

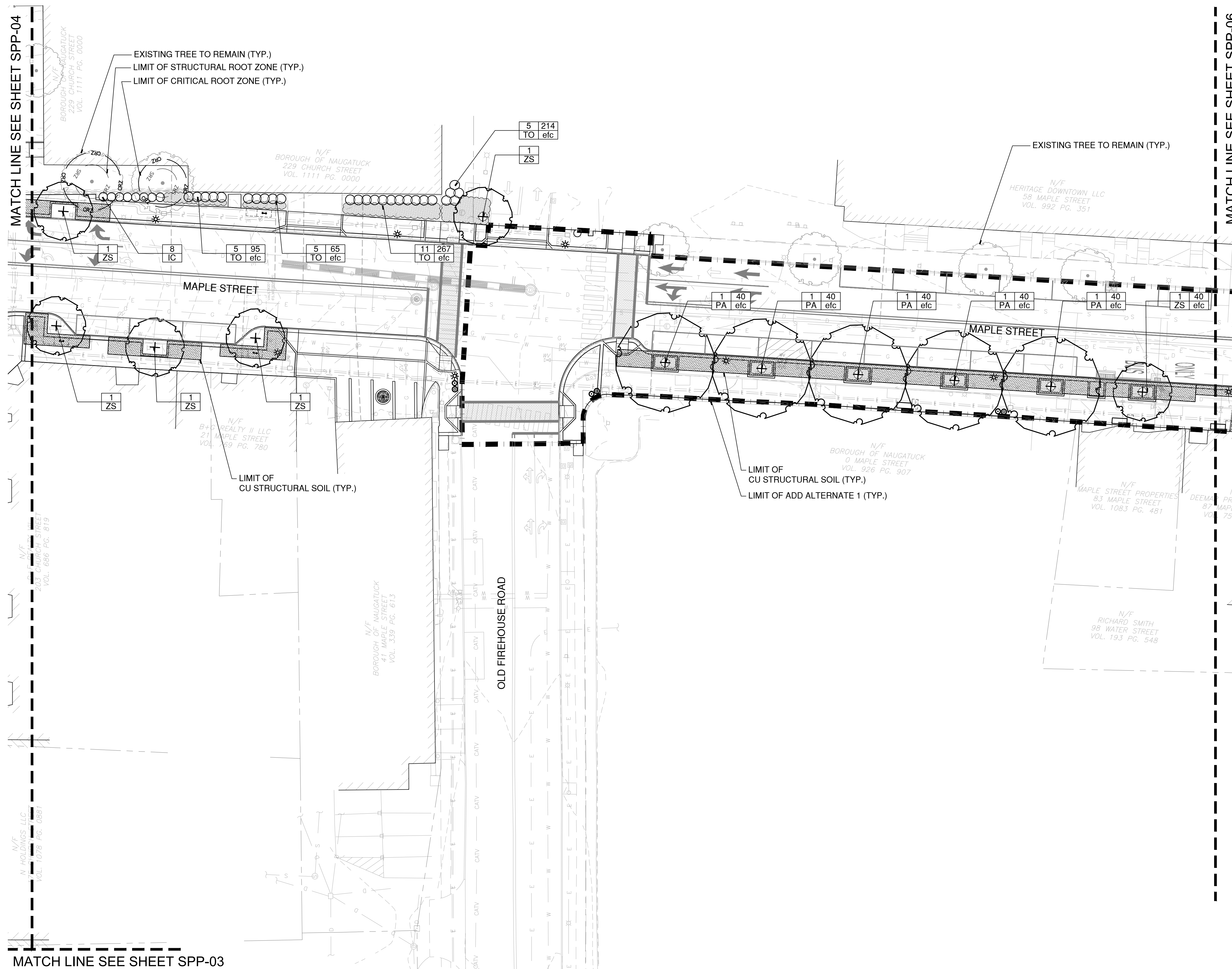


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

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SPP-05



CAD FILE: W:\2022\2023\CONDO\Main\2023\SPP-05.dwg LAYOUT: SPP-05 PLOTTED: 6/29/2023 5:55 PM BY: rachel.e.miller

NOTE: SEE SPP-02 FOR PLANTING LEGEND, STREETSCAPE PLANTING NOTES, & STRUCTURAL SOIL NOTES.



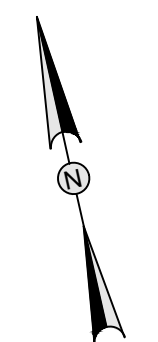
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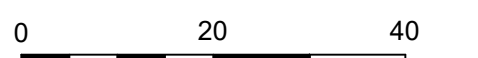


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STREETSCAPE PLANTING PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



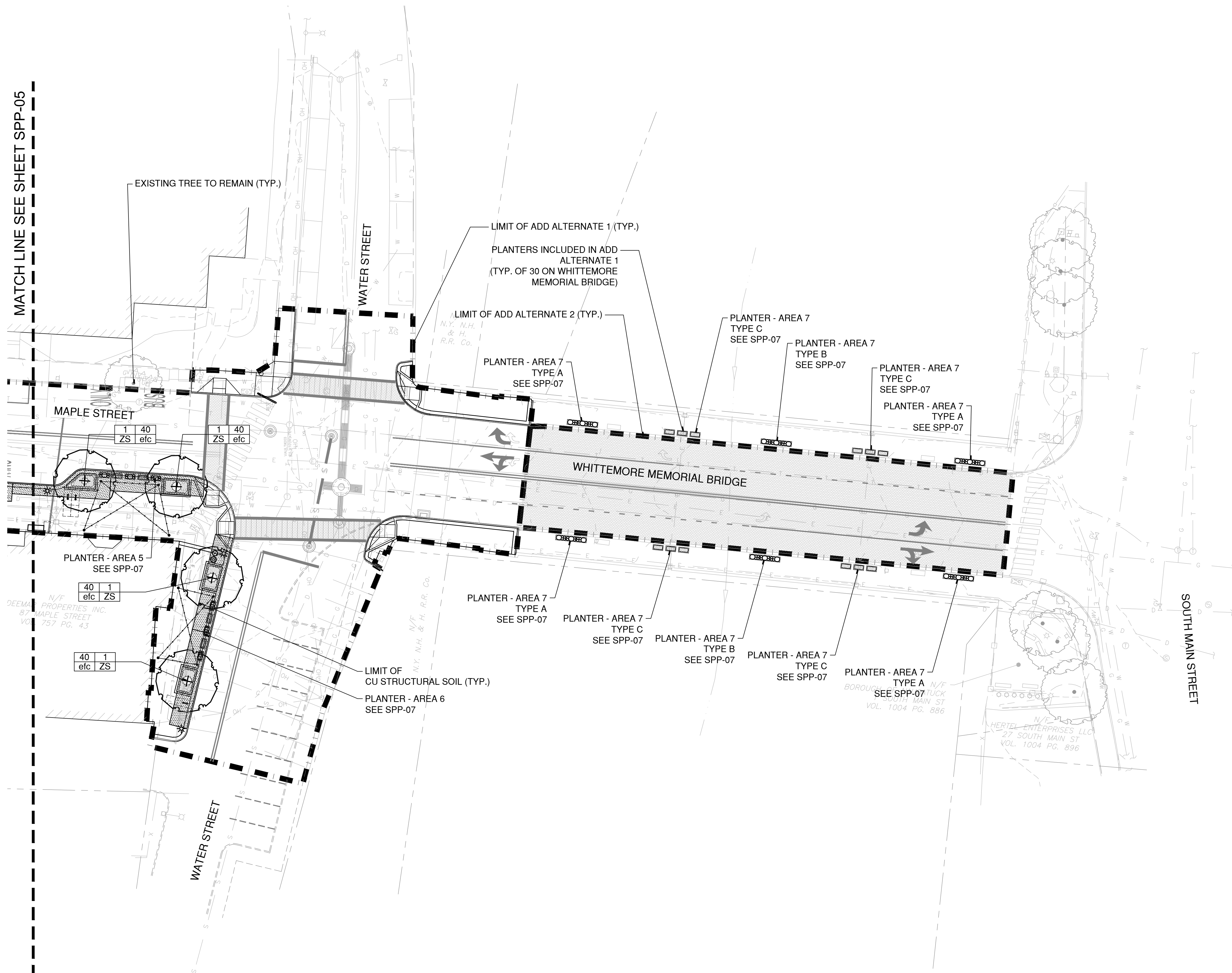
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SPP-06

NOTE: SEE SPP-02 FOR PLANTING LEGEND, STREETSCAPE PLANTING NOTES, & STRUCTURAL SOIL NOTES.



MATCH LINE SEE SHEET SPP-05

CAD FILE: W:\2022\21\CONDO\Main\2023\SPP-06.dwg LAYOUT: SPP-06 PLOTTED: 6/29/2023 5:58 PM BY: rachel.e.miller

LANDSCAPE ARCHITECT
Richter & Cegan Inc.
88 CANAL COURT P.O. BOX 567
AVON, CT 06001
PHONE: 860-678-0669
CONTACT NAME: Gary Guimond
EMAIL: gguimond@richtercegan.com



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SCALE VERIFICATION
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IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

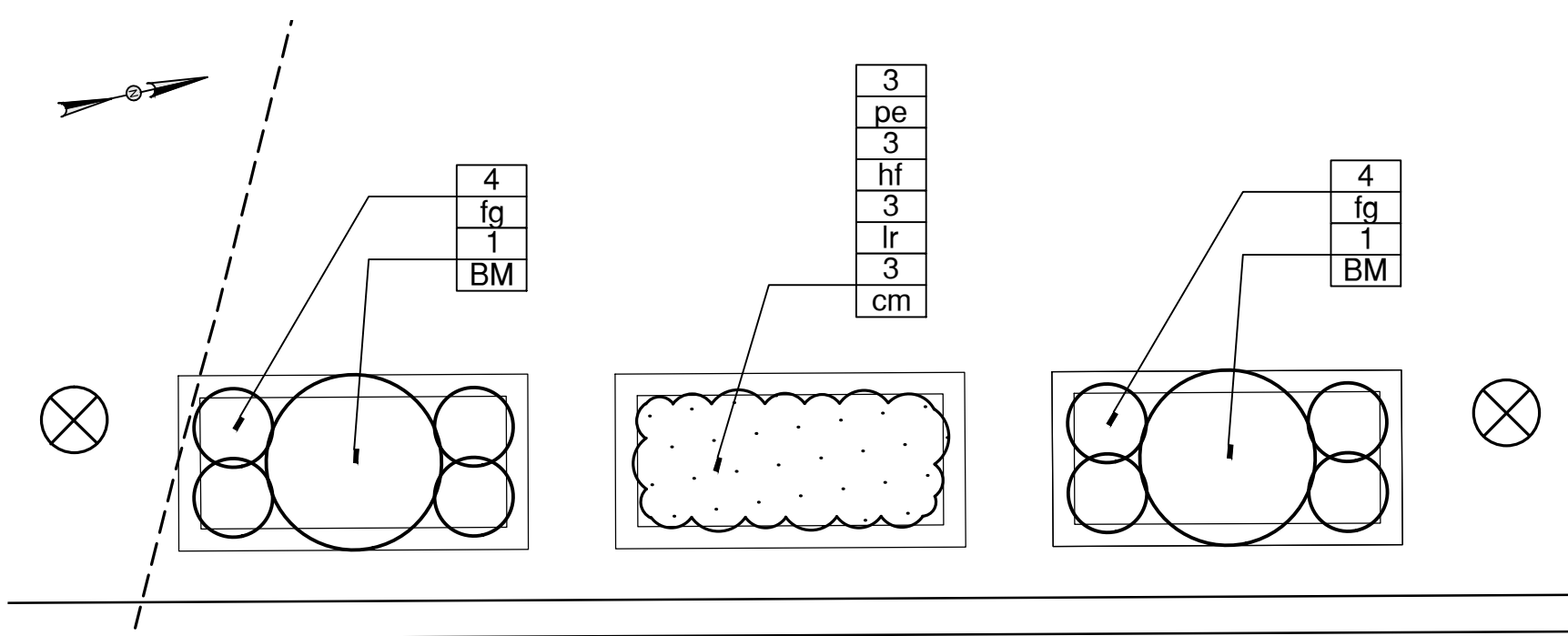
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SCALE: 1" = 2' SCALE IN FEET
ORIGINAL DRAWING SIZE IS 22 x 34

STREETSCAPE PLANTING ENLARGEMENT PLAN
DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

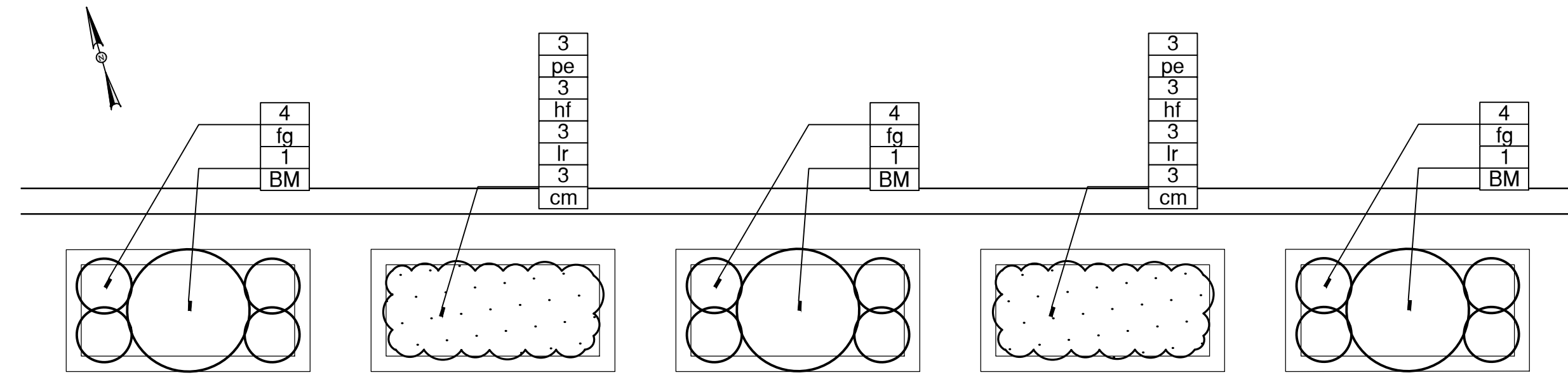


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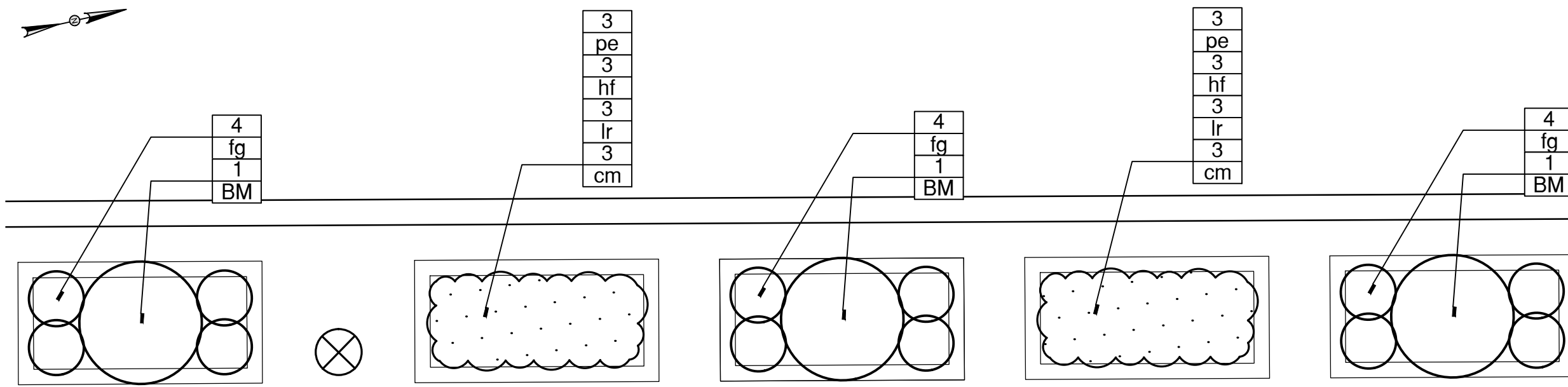
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PROJECT NO. 20225069.002A	SPP-07
ISSUE DATE 06/30/2023	
CURRENT REVISION IFC	
DESIGNED BY MAC/GJG	
DRAWN BY REM/GJL	
CHECKED BY GJG	SPP-07
APPROVED BY MAC	



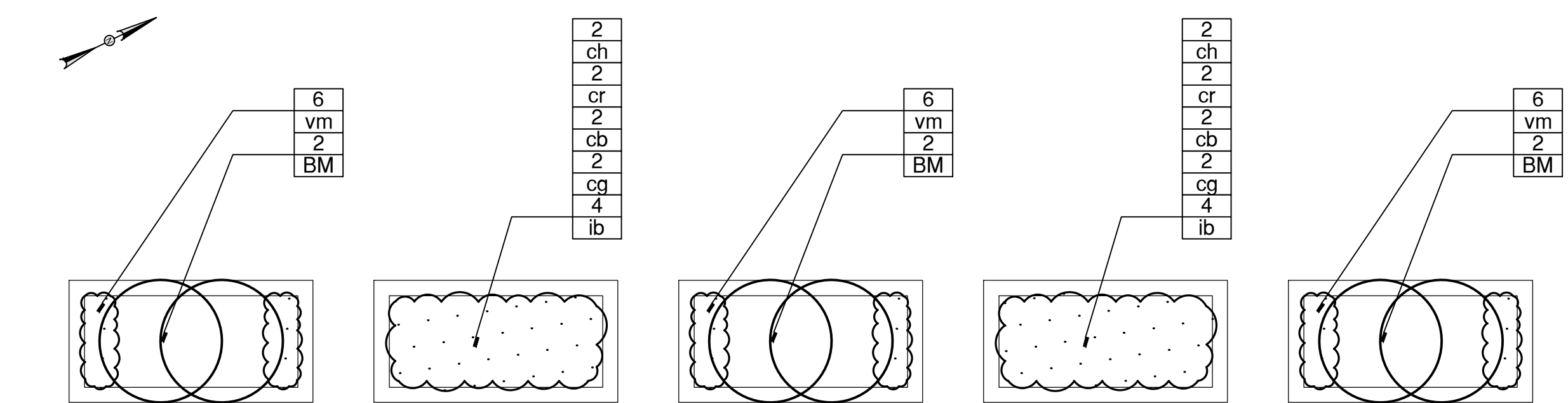
PLANTER - AREA 1 (BASE BID)



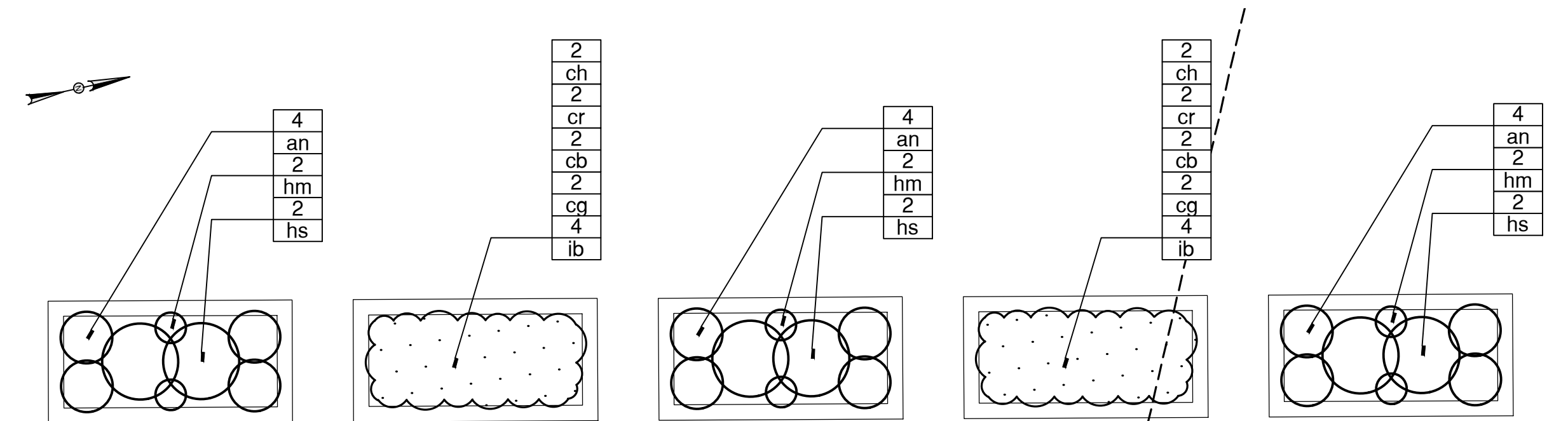
PLANTER - AREA 5 (ADD ALTERNATE #1)



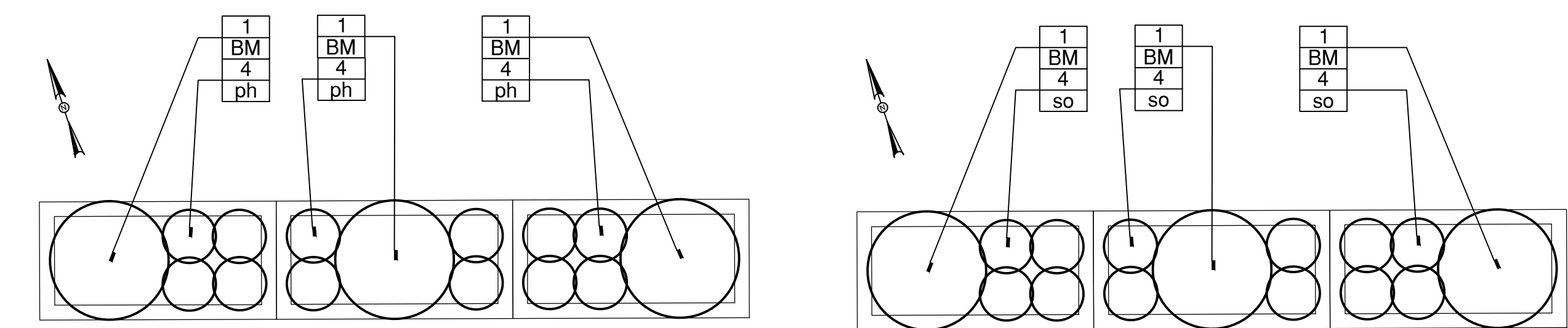
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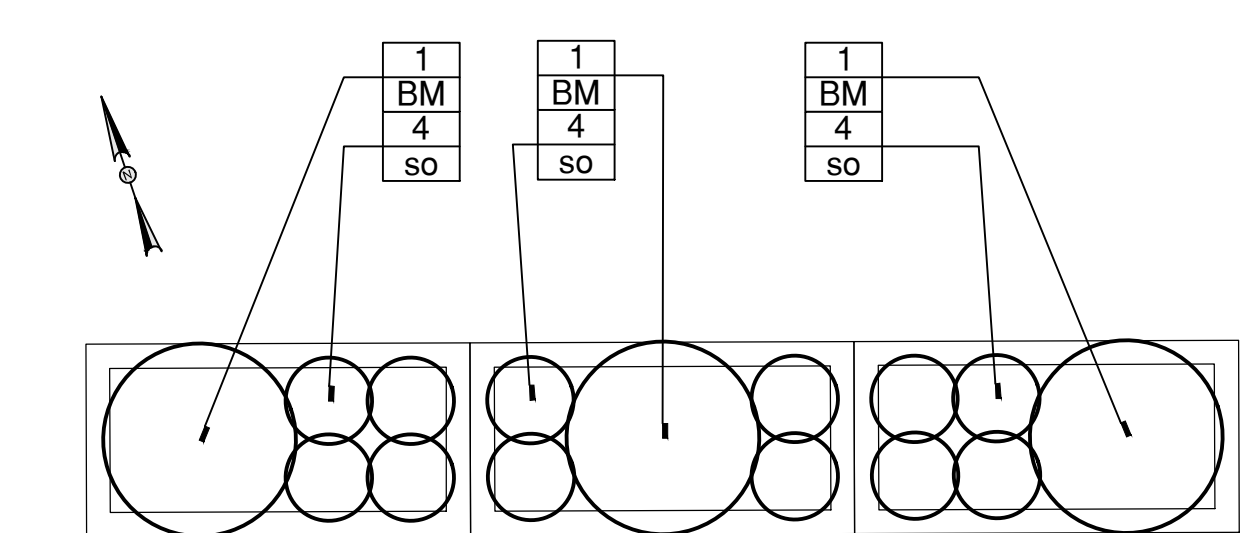
PLANTER - AREA 6 (ADD ALTERNATE #1)



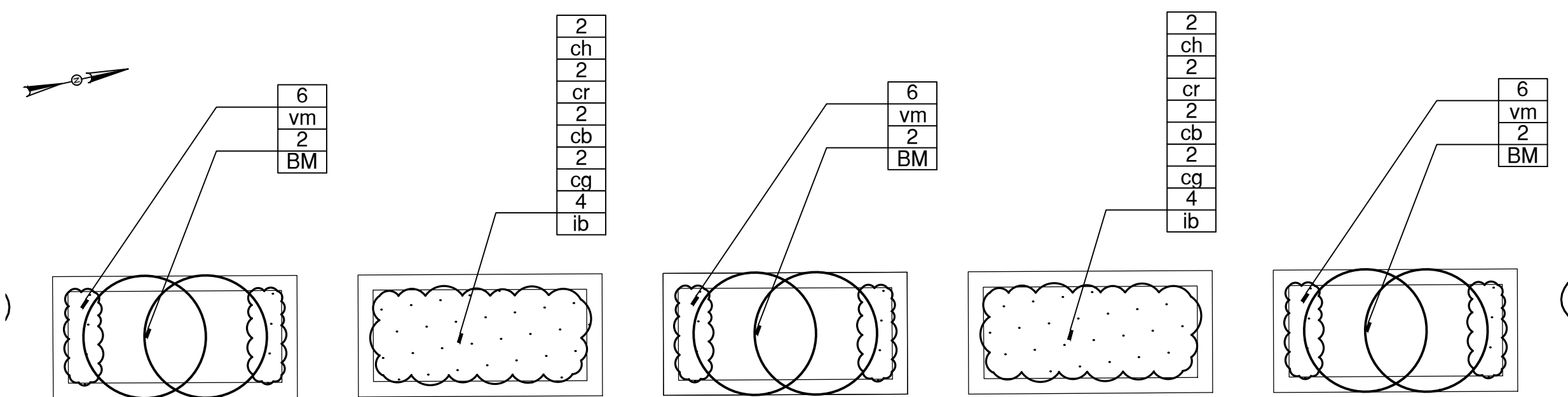
PLANTER - AREA 3 (BASE BID)



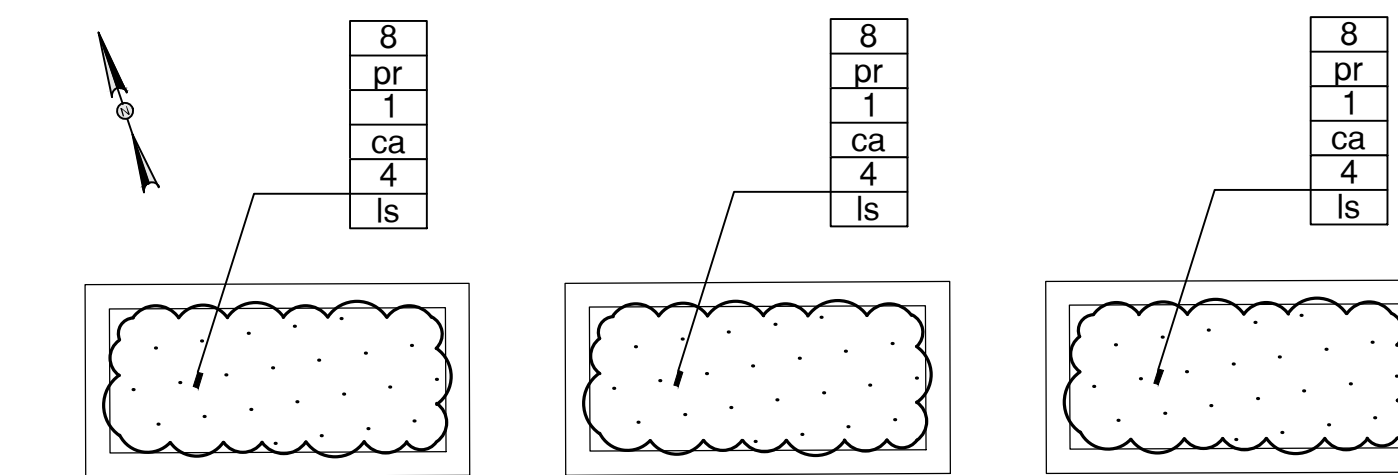
PLANTER - AREA 7 - TYPE A (ADD ALTERNATE #1)



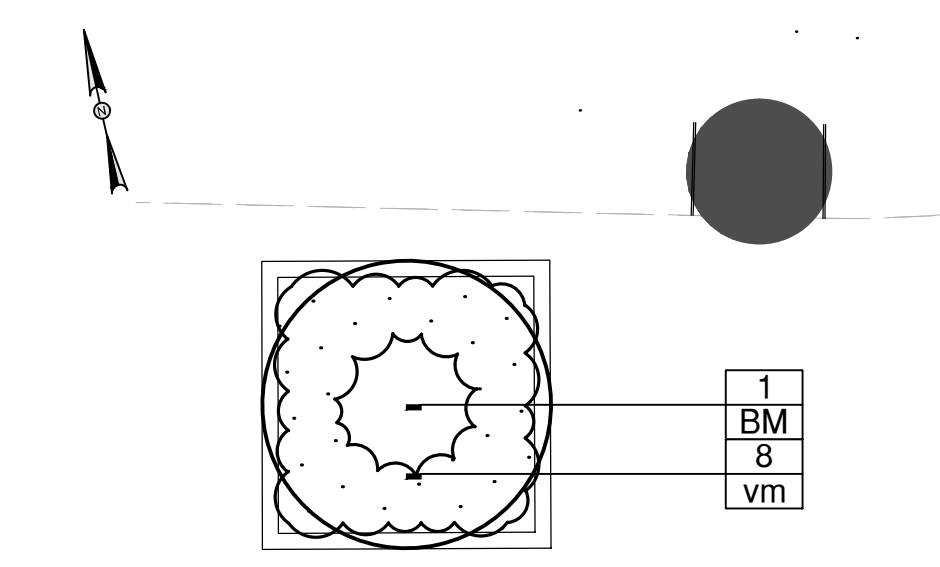
PLANTER - AREA 7 - TYPE B (ADD ALTERNATE #1)



PLANTER - AREA 4 (BASE BID)



PLANTER - AREA 7 - TYPE C (ADD ALTERNATE #1)



PLANTER - TOWN GREEN (BASE BID)

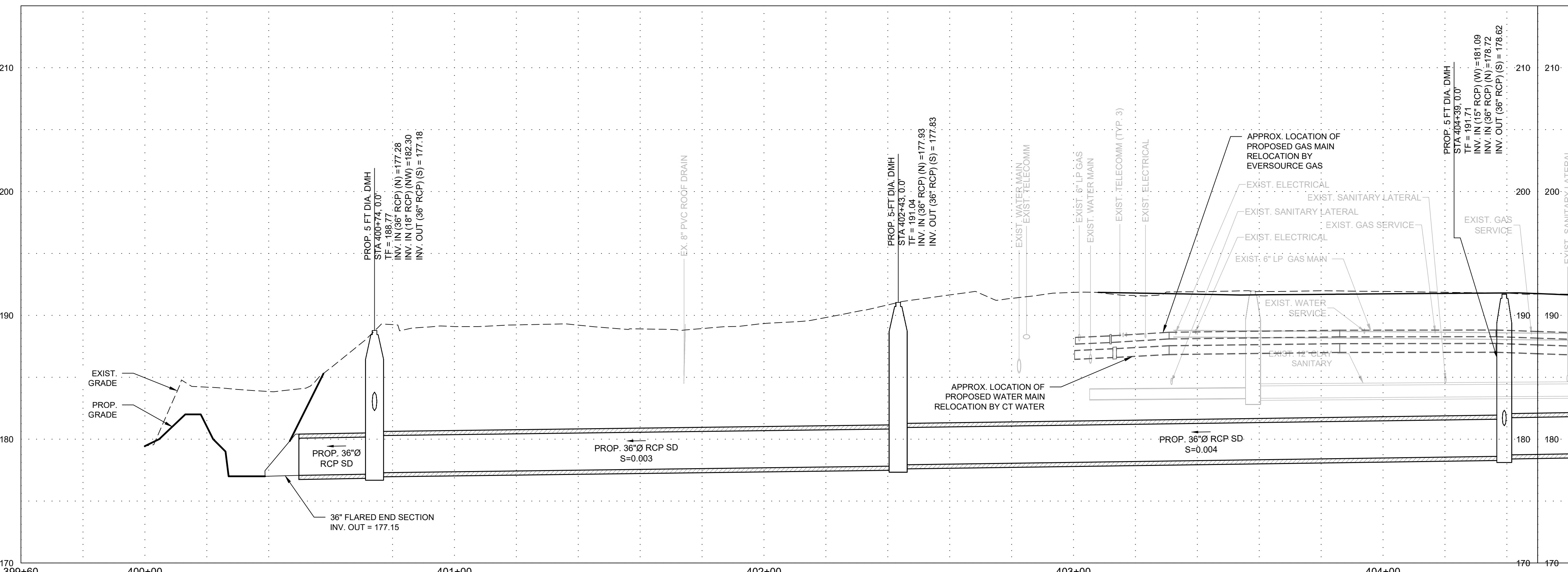
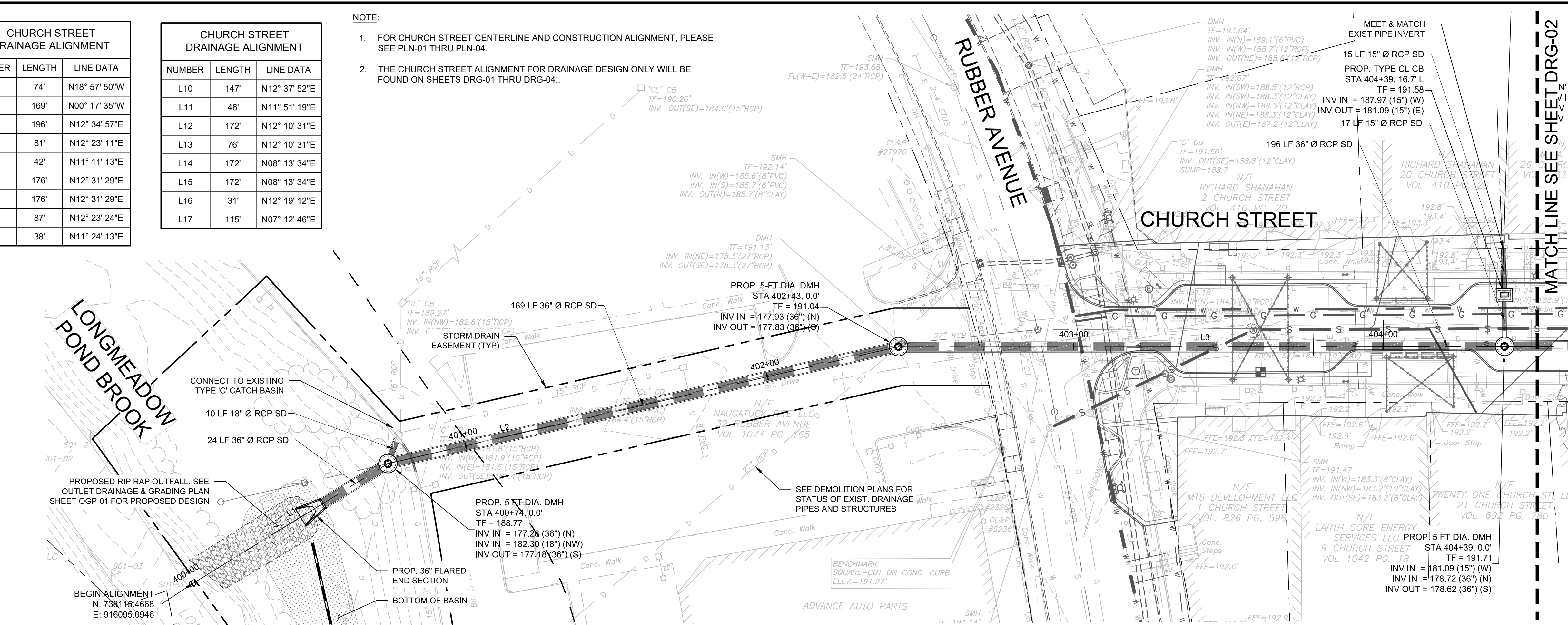
NOTE: SEE SPP-02 FOR PLANTING LEGEND, STREETSCAPE PLANTING NOTES, & STRUCTURAL SOIL NOTES.

CHURCH STREET DRAINAGE ALIGNMENT		
NUMBER	LENGTH	LINE DATA
L1	74'	N18° 57' 50"W
L2	169'	N00° 17' 35"W
L3	196'	N12° 34' 57"E
L4	81'	N12° 23' 11"E
L5	42'	N11° 11' 13"E
L6	176'	N12° 31' 29"E
L7	176'	N12° 31' 29"E
L8	87'	N12° 23' 24"E
L9	38'	N11° 24' 13"E

CHURCH STREET DRAINAGE ALIGNMENT		
NUMBER	LENGTH	LINE DATA
L10	147'	N12° 37' 52"E
L11	46'	N11° 51' 19"E
L12	172'	N12° 10' 31"E
L13	76'	N12° 10' 31"E
L14	172'	N08° 13' 34"E
L15	172'	N08° 13' 34"E
L16	31'	N12° 19' 12"E
L17	115'	N07° 12' 46"E

NOTE:

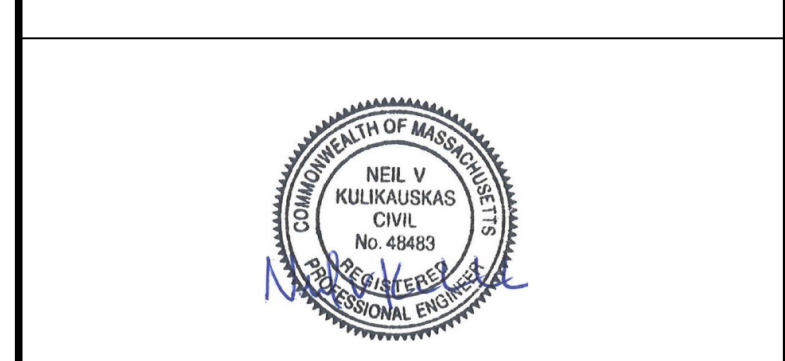
- FOR CHURCH STREET CENTERLINE AND CONSTRUCTION ALIGNMENT, PLEASE SEE PLN-01 THRU PLN-04.
- THE CHURCH STREET ALIGNMENT FOR DRAINAGE DESIGN ONLY WILL BE FOUND ON SHEETS DRG-01 THRU DRG-04.



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SCALE VERIFICATION
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DRAINAGE PLAN & PROFILE
DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK

BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION	
PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

DRG-01

NOTE:
SEE DEMOLITION PLANS FOR REMOVALS AND ABANDONMENT.

CAD FILE: C:\pwworking\kleinfelder\proj\01\20225069_KLF_Drainage.dwg LAYOUT: DRG-01 PLOTTED: 6/30/2023 4:08 PM BY: klemm.mccandless



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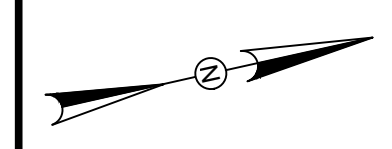
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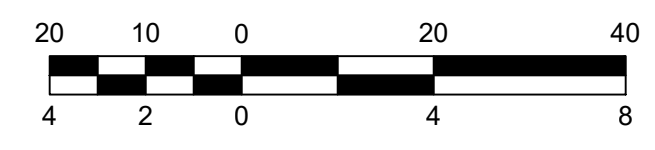
SCALE VERIFICATION

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HORIZONTAL SCALE: 1" = 20'



DRAINAGE PLAN & PROFILE

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK

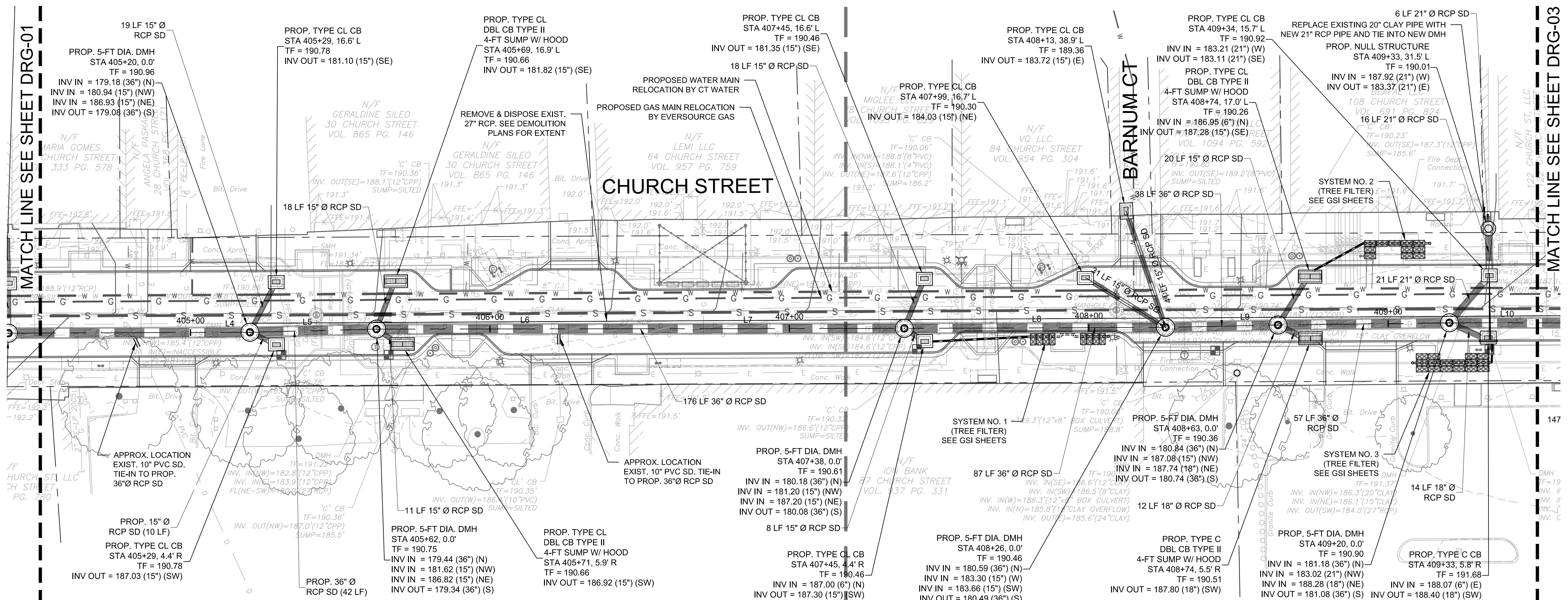


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

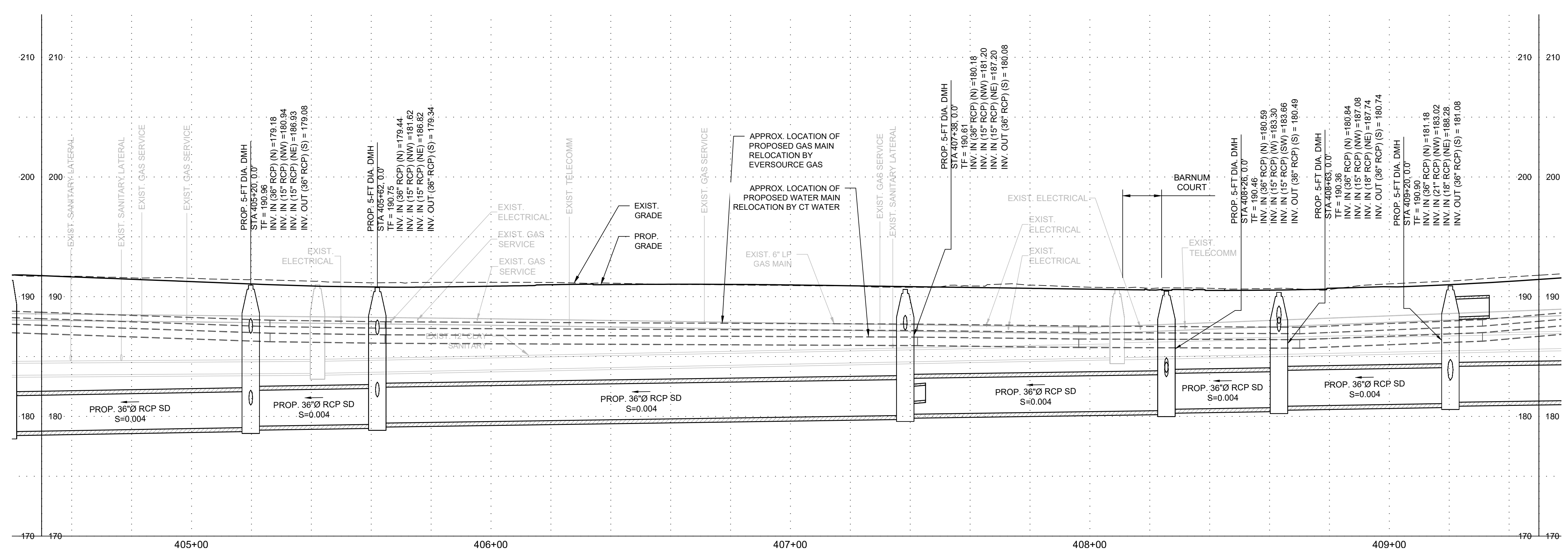
ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

DRG-02



PLAN
SCALE: 1"=20'



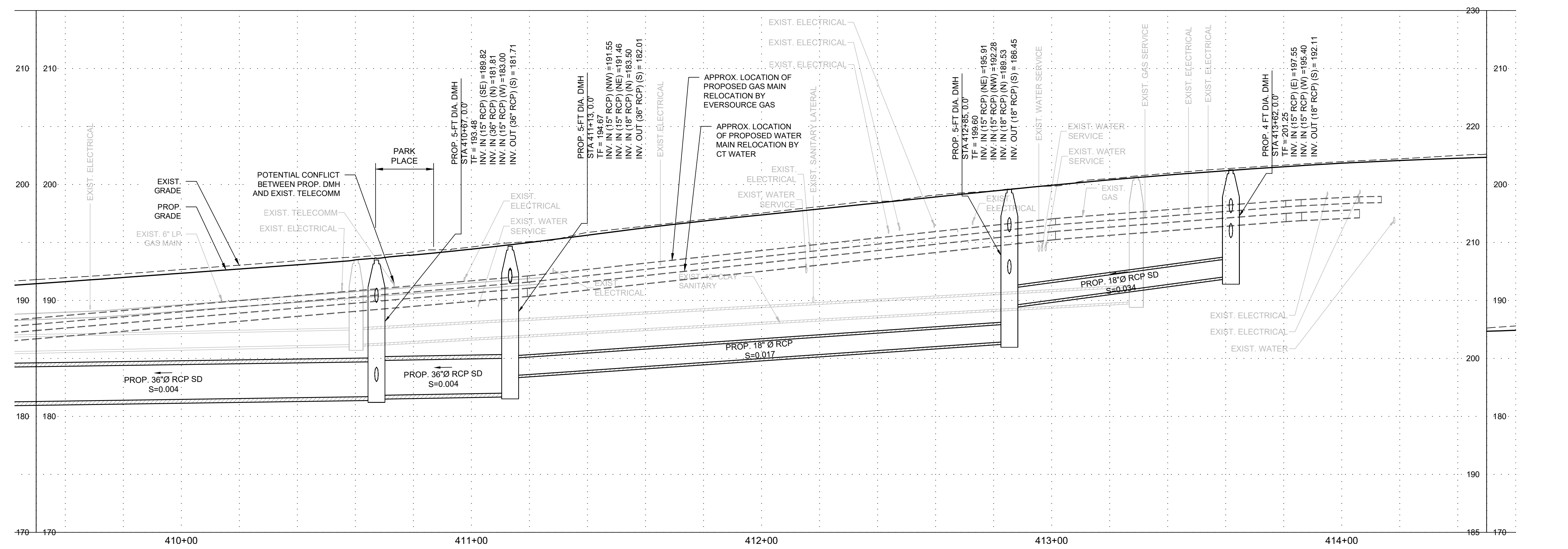
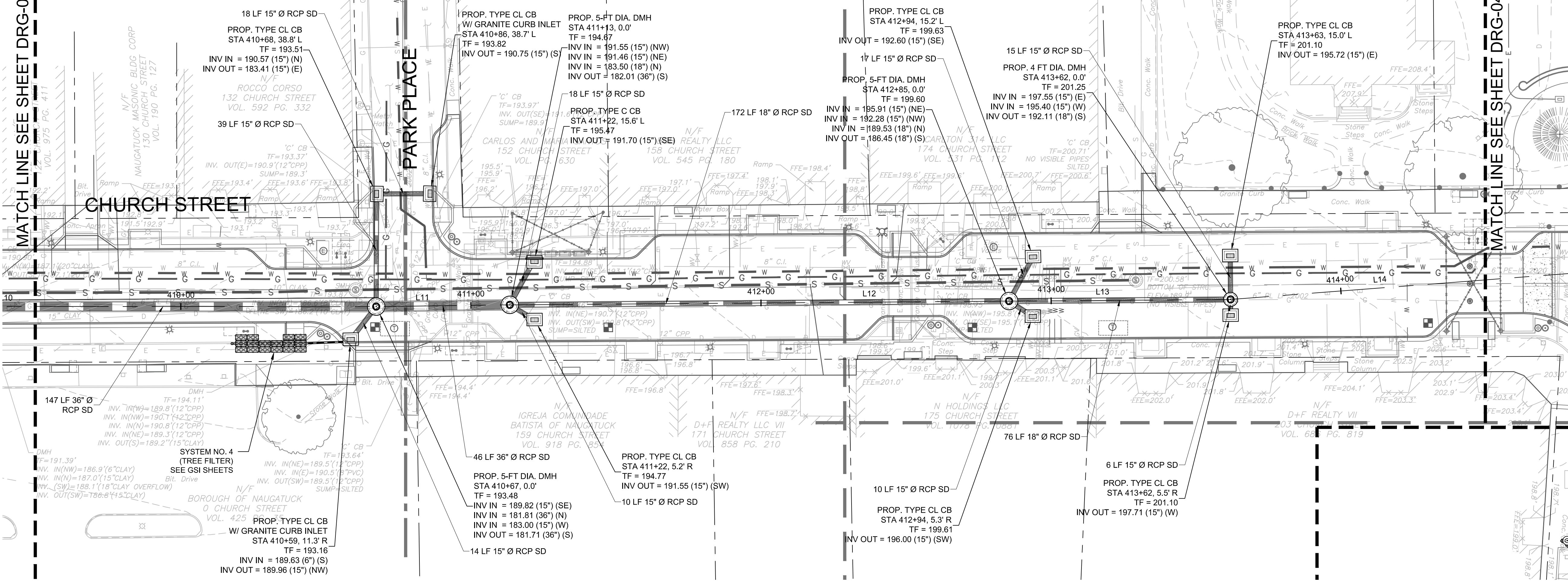
PROFILE
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=5'

NOTE:
SEE DEMOLITION PLANS FOR REMOVALS AND ABANDONMENT.

CAD FILE: C:\pawndering\kleinfelder\proj\01\mcsd\drg\01\20225069_KLF_Drainage.dwg LAYOUT: DRG-02 PLOTTED: 06/30/2023 4:08 PM BY: kenneth.mcsdand

MATCH LINE SEE SHEET DRG-02

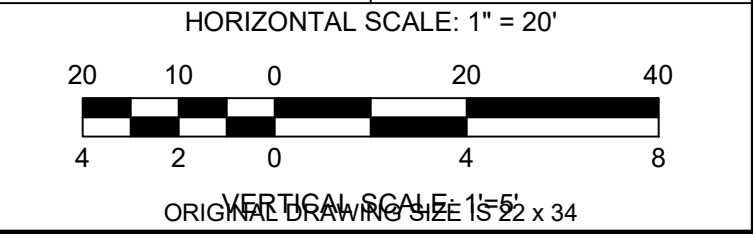
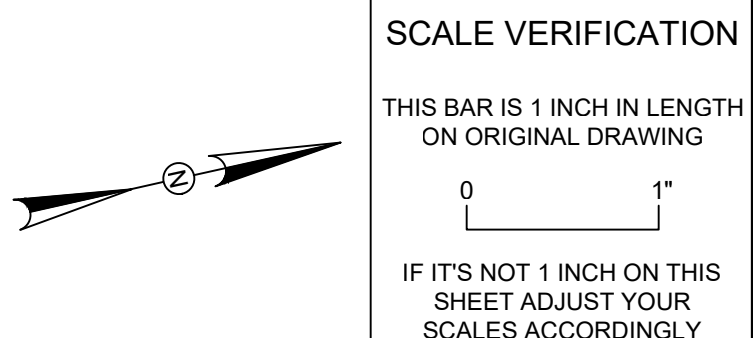
MATCH LINE SEE SHEET DRG-04



DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

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DRAINAGE PLAN & PROFILE
DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

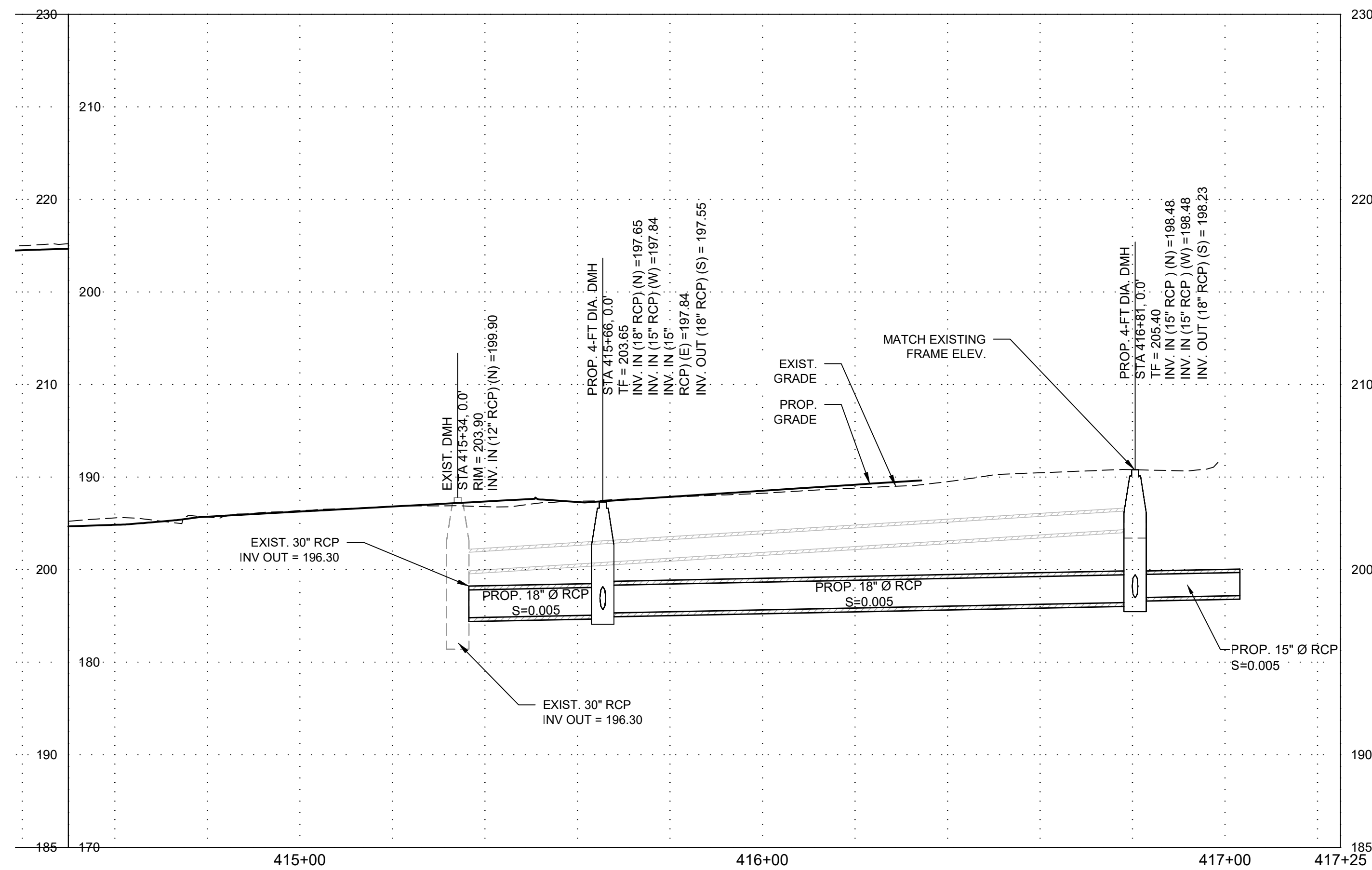
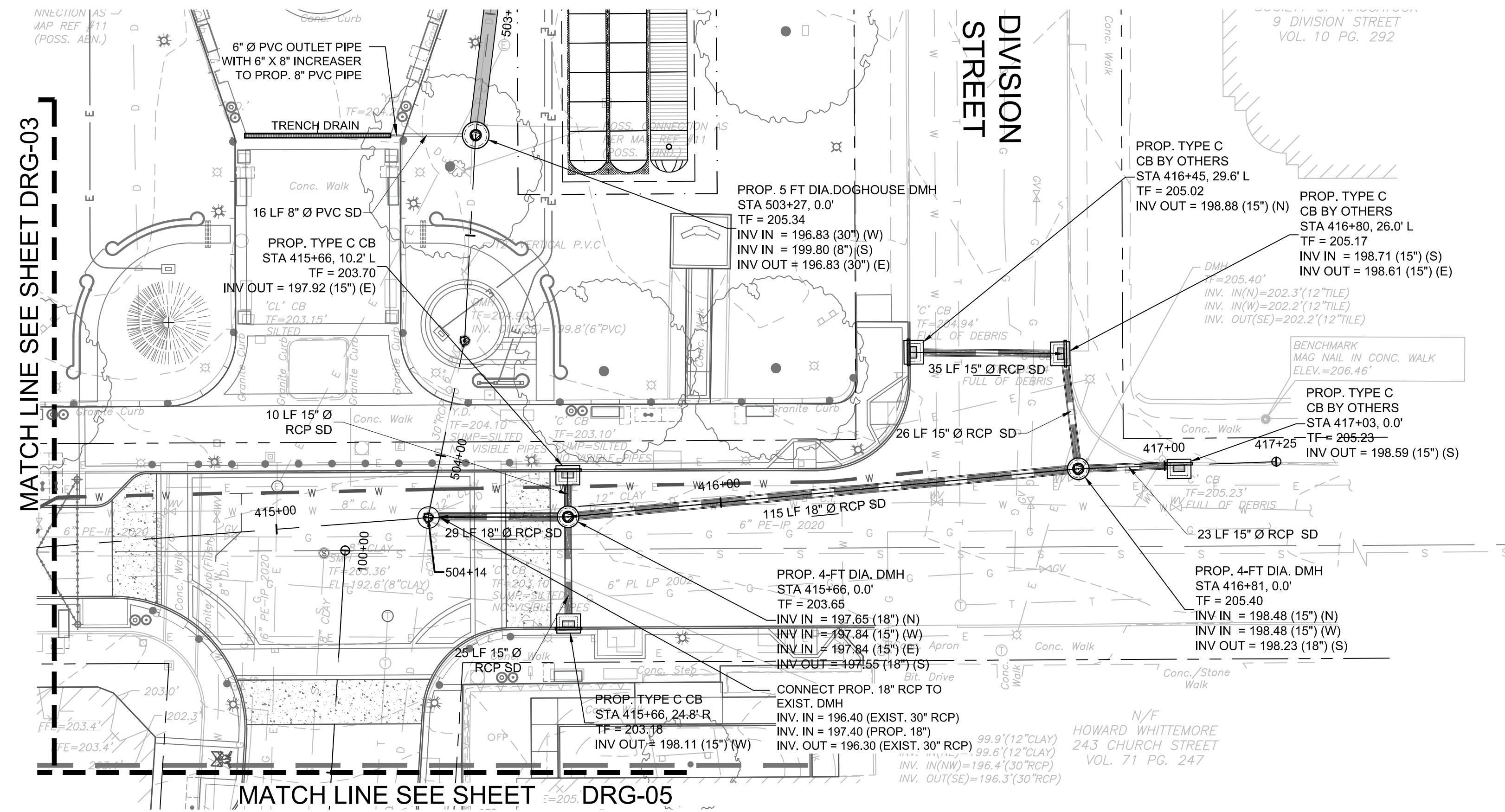
ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

DRG-03

NOTE:
SEE DEMOLITION PLANS FOR REMOVALS AND ABANDONMENT.

CAD FILE: C:\pwworking\kleinfelder\proj\01\mcsandden\01\20225069_KLF_Drainage.dwg LAYOUT: DRG-03
 PLOTTED: 6/30/2023 4:08 PM BY: kenneth.mcsandden



DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION

THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING

IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

0 20 40
SCALE: 1" = 20' SCALE IN FEET
ORIGINAL DRAWING SIZE IS 22 x 34

DRAINAGE PLAN & PROFILE

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

DRG-04

NOTE:

SEE DEMOLITION PLANS FOR REMOVALS AND ABANDONMENT.



DRAWING ISSUE

REV	DESCRIPTION	DATE

REVISIONS

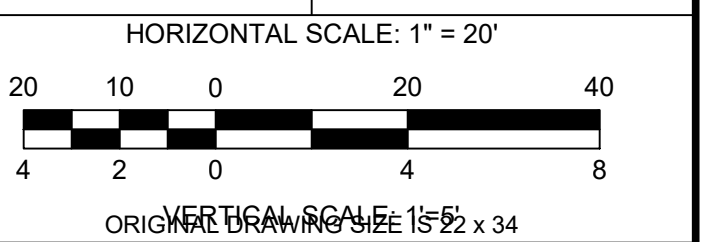
REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION

THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING

IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY



DRAINAGE PLAN & PROFILE

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

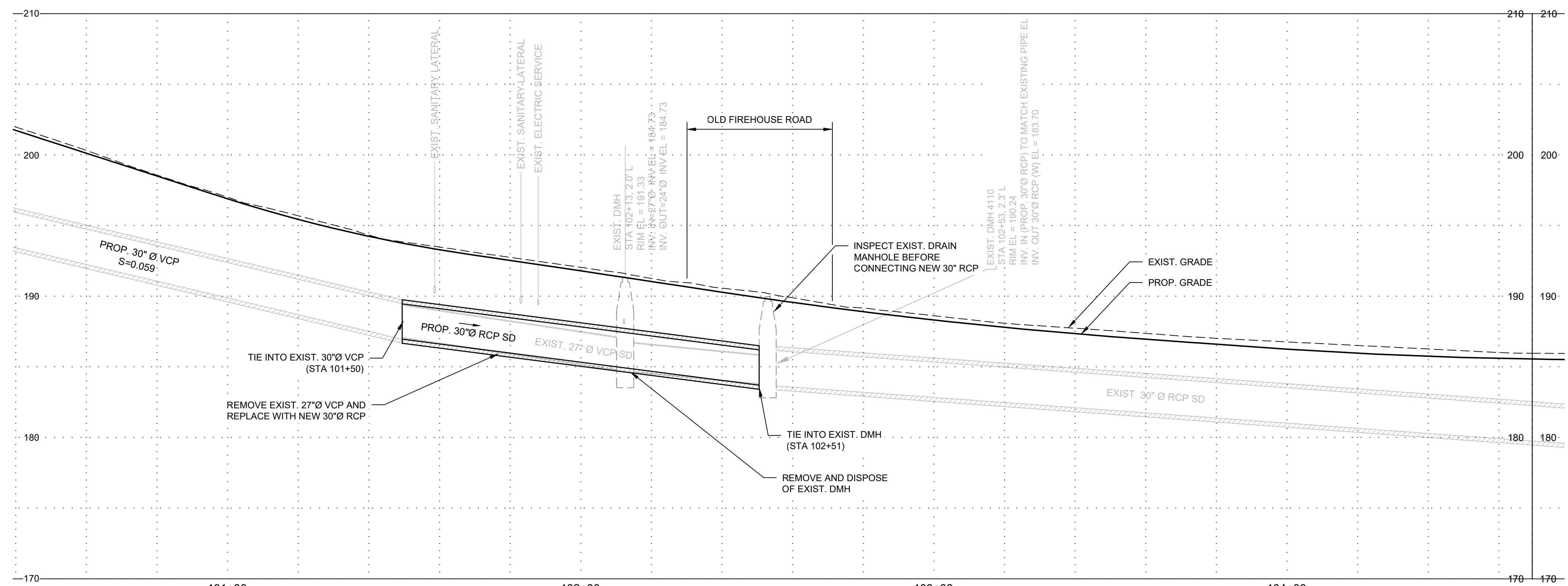
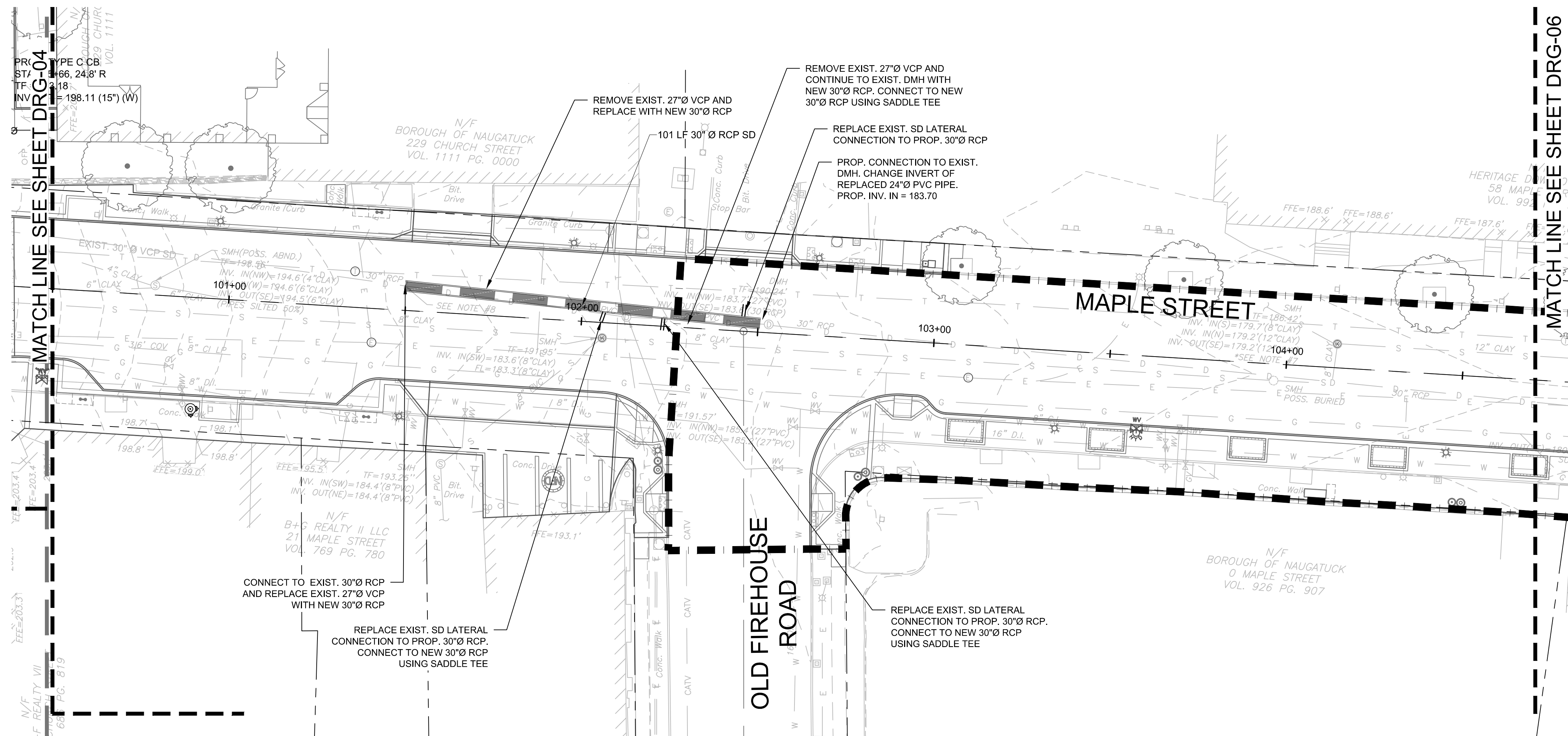


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

DRG-05



NOTE:
SEE DEMOLITION PLANS FOR REMOVALS AND ABANDONMENT.



DRAWING ISSUE		
REV	DESCRIPTION	DATE

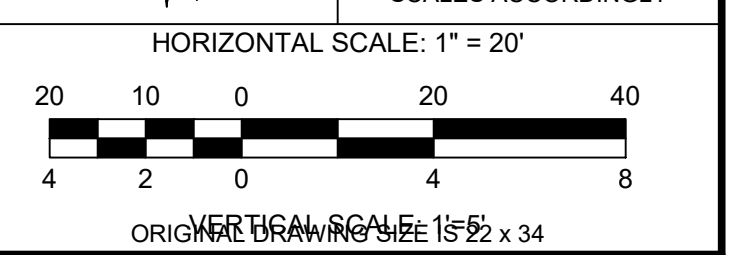
REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION

THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING

IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY



DRAINAGE PLAN & PROFILE

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

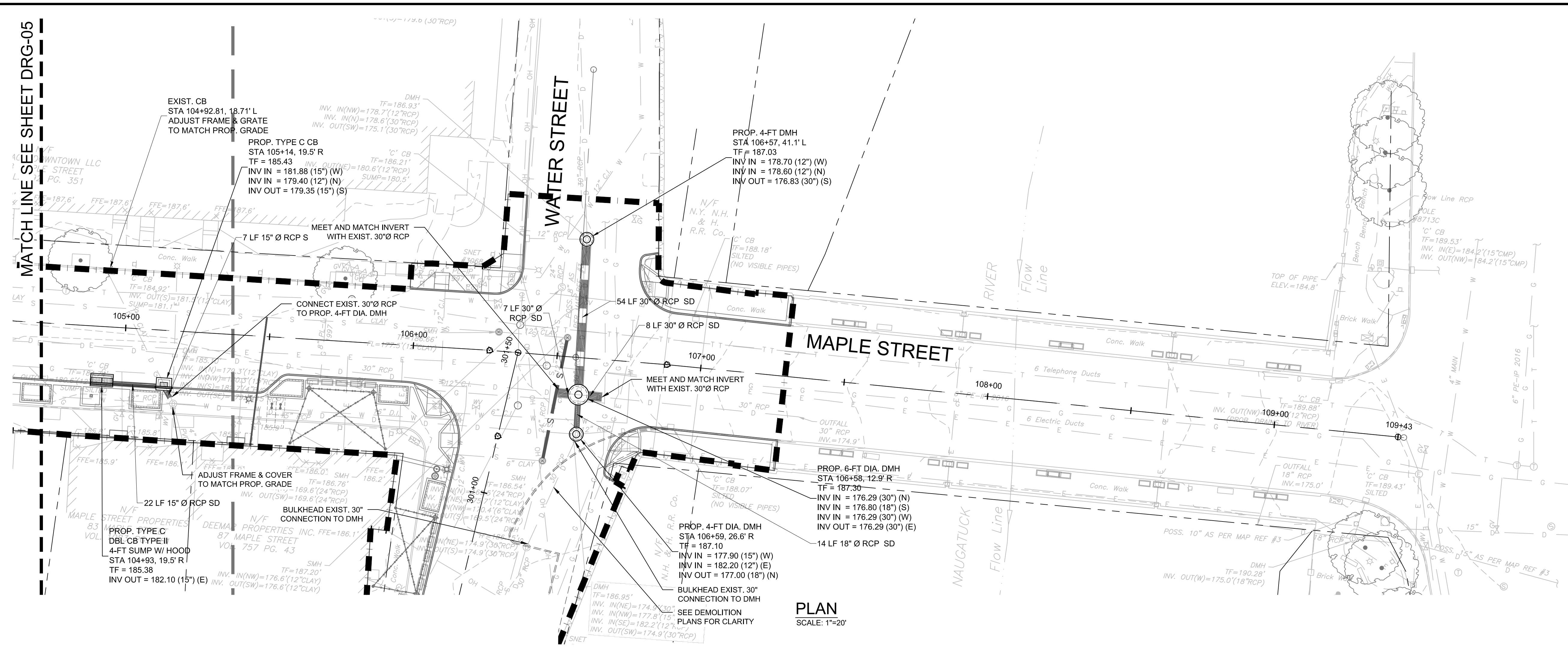


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

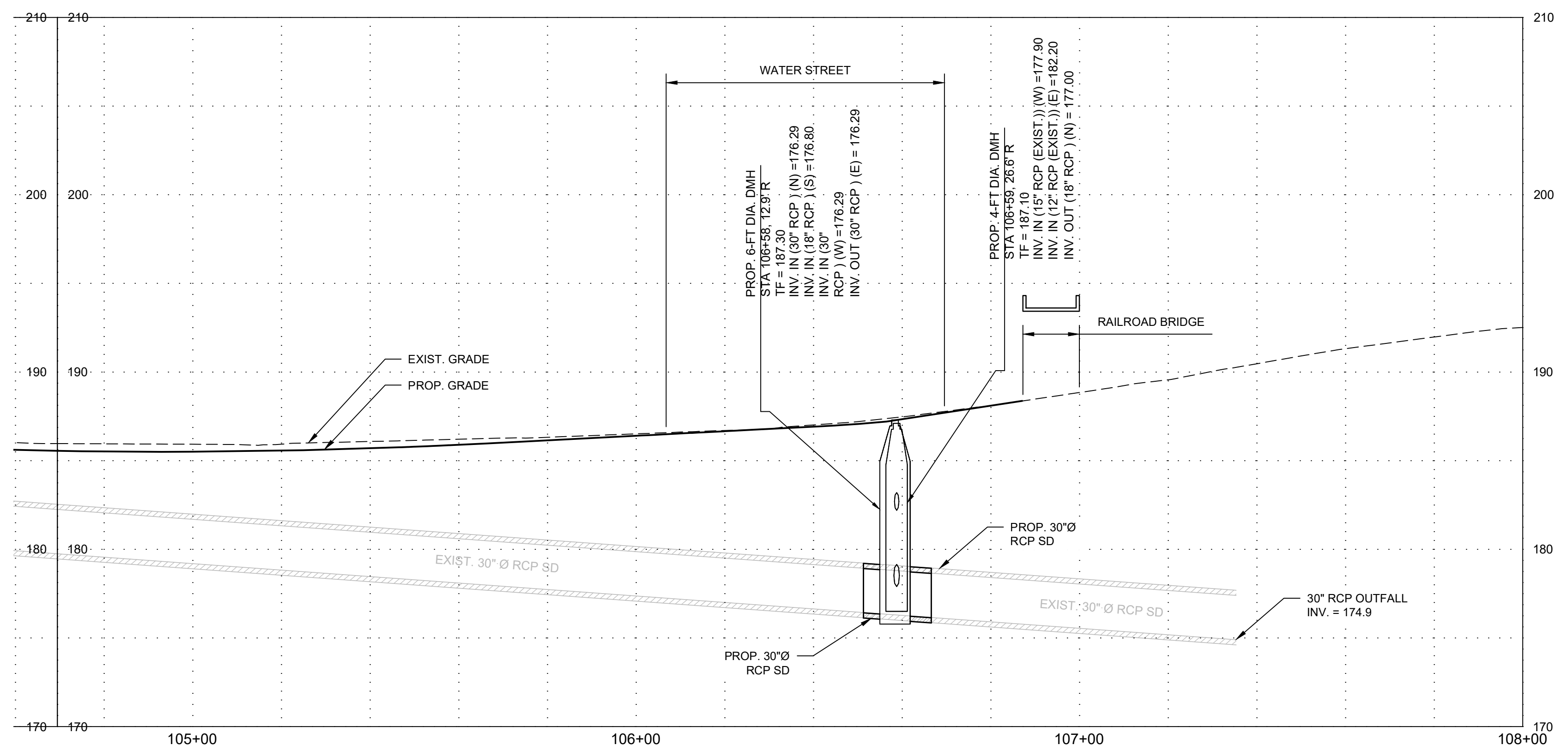
ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

DRG-06



PLAN
SCALE: 1"=20'

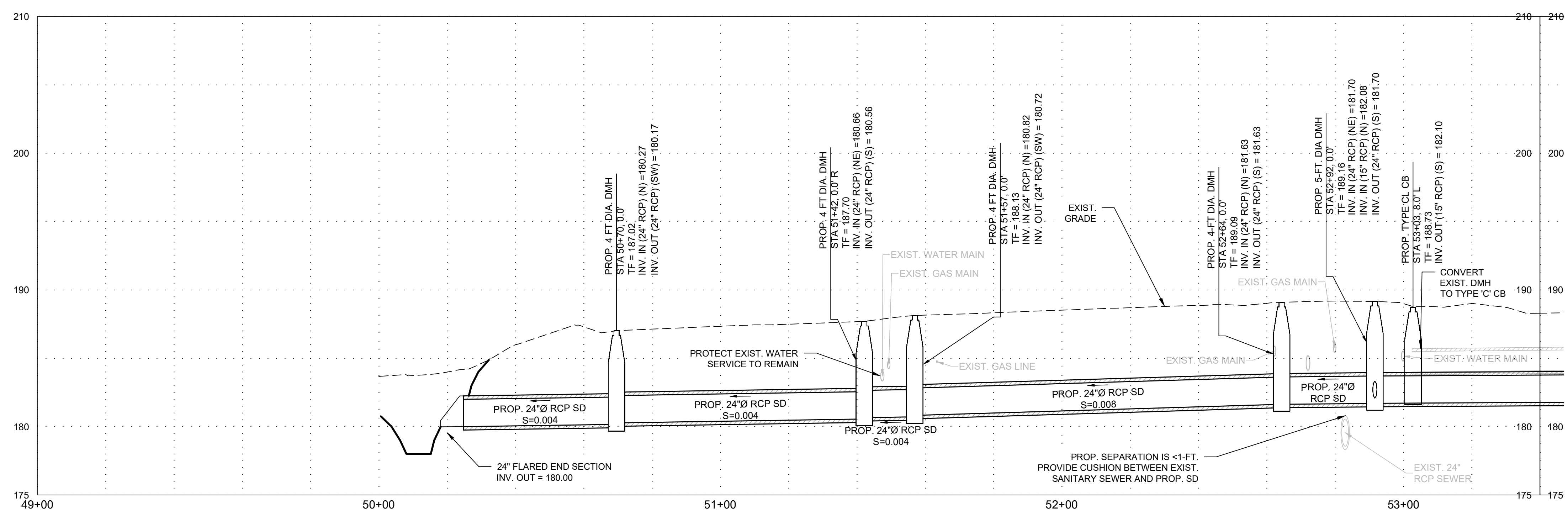
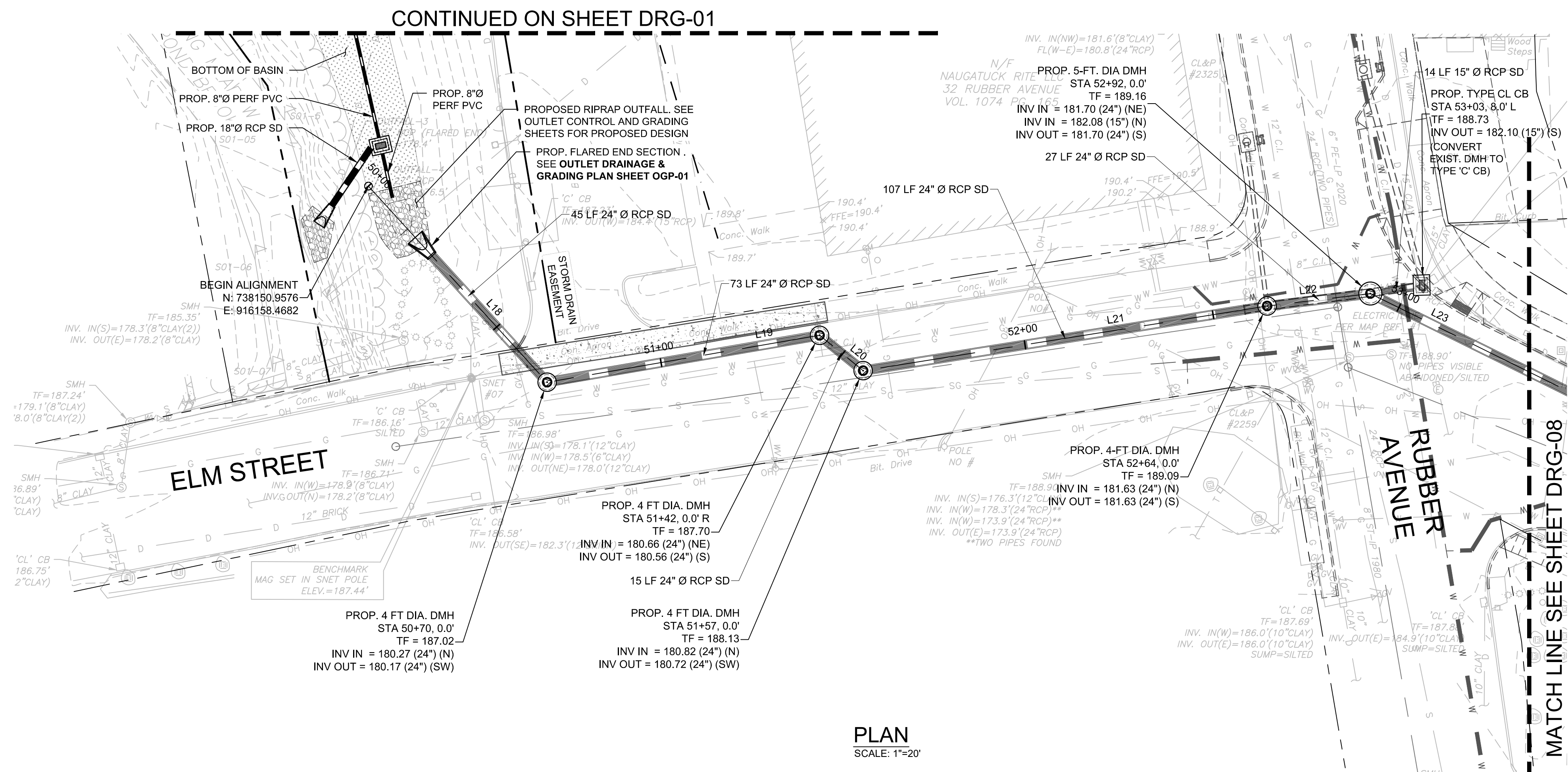


PROFILE
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=5'

NOTE:
SEE DEMOLITION PLANS FOR REMOVALS AND ABANDONMENT.

CAD FILE: C:\pwworking\kleinfelder\proj\11\mcsandden\01\mcsandden\20225069.KLF_Drainage.dwg LAYOUT: DRG-06
 PLOTTED: 6/30/2023 4:09 PM BY: kenneh.mcsandden

OLD FIREHOUSE ROAD DRAINAGE ALIGNMENT		
NUMBER	LENGTH	LINE DATA
L18	70'	N60° 16' 16"E
L19	73'	N02° 49' 32"E
L20	15'	N51° 47' 15"E
L21	107'	N03° 31' 43"E
L22	27'	N05° 43' 26"E
L23	139'	N38° 52' 33"E
L24	113'	N19° 35' 41"E
L25	297'	N09° 56' 41"E
L26	174'	N14° 15' 20"E



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400 Capital Boulevard, Suite 104
Rocky Hill, CT 06067
Phone: 860-563-7775
www.kleinfelder.com

LANDSCAPE ARCHITECT
Richter & Cegan Inc.
88 CANAL COURT P.O. BOX 567
AVON, CT 06001
PHONE: 860-678-0669
CONTACT NAME: Gary Guimond
EMAIL: gguimond@richtercegan.com



DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION

THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING

SCALE: 1" = 20' SCALE IN FEET

ORIGINAL DRAWING SIZE IS 22 x 34

DRAINAGE PLAN & PROFILE

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK

BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO. 20225069.002A
ISSUE DATE 06/30/2023
CURRENT REVISION IFC
DESIGNED BY K.VIOLETTE
DRAWN BY J.PERKINS
CHECKED BY P.KING
APPROVED BY N.KULIKAUSKAS

DRG-07

NOTE:
SEE DEMOLITION PLANS FOR REMOVALS AND ABANDONMENT.

CAD FILE: C:\pwworking\kleinfelder\proj\01170831\20225069_KLF_Drainage.dwg LAYOUT: DRG-07
 PLOTTED: 6/30/2023 4:10 PM BY: kenneh.mccandless



DRAWING ISSUE		
REV	DESCRIPTION	DATE

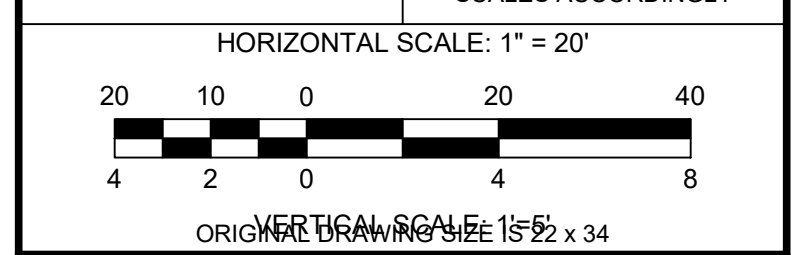
REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION

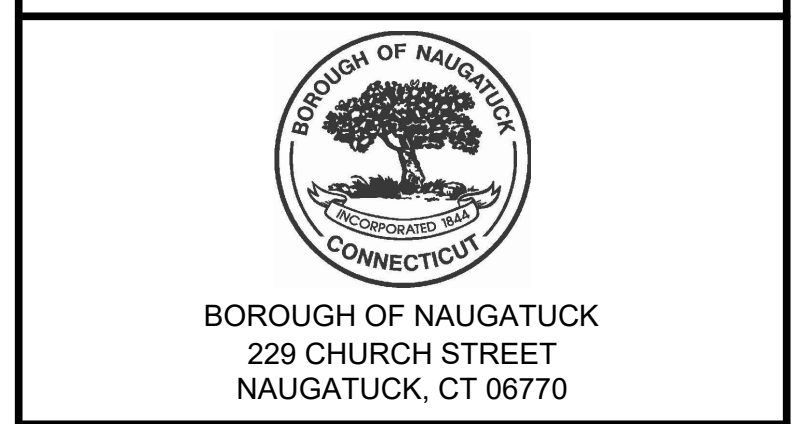
THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING

IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY



DRAINAGE PLAN & PROFILE

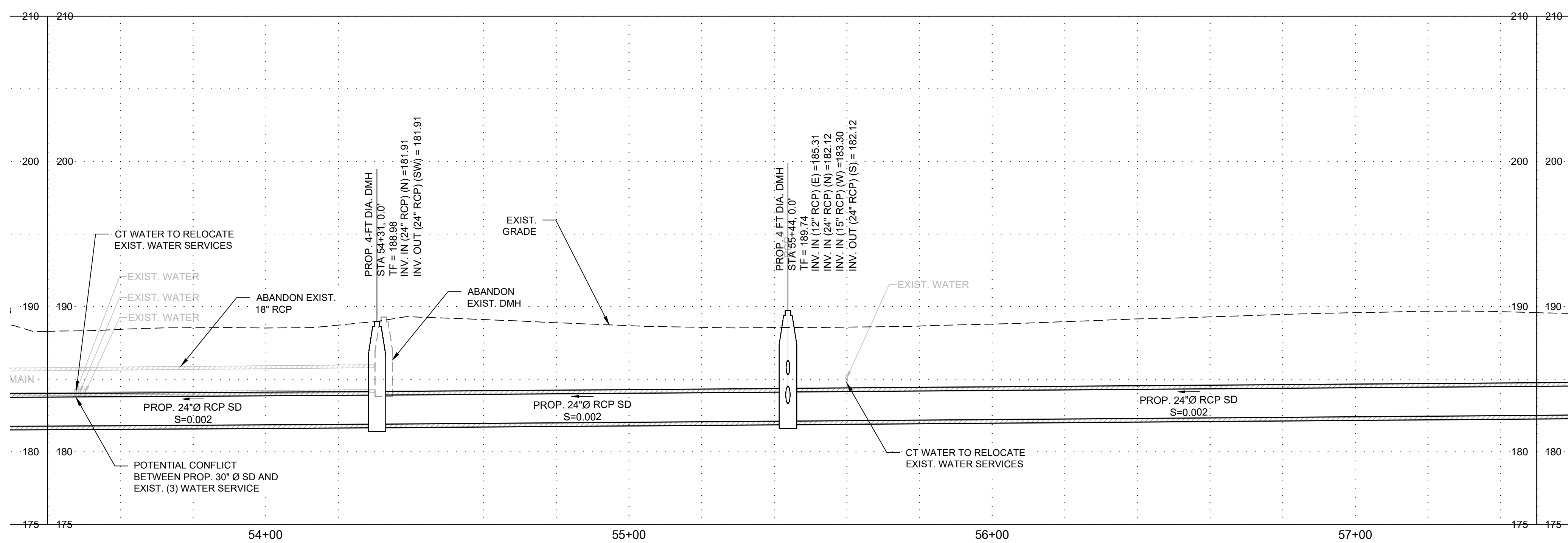
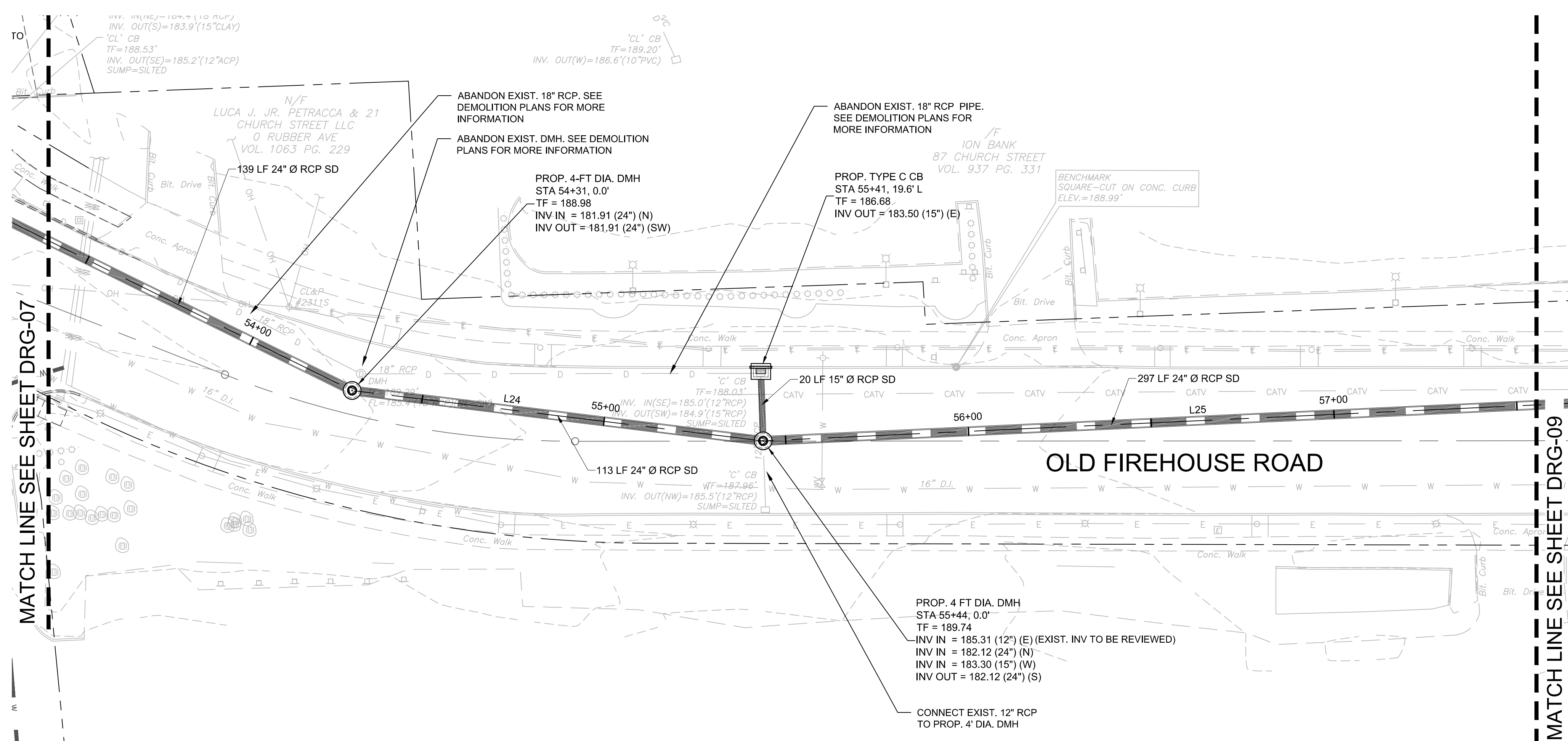
DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

DRG-08



NOTE:
SEE DEMOLITION PLANS FOR REMOVALS AND ABANDONMENT.

CAD FILE: C:\pwworking\kleinfelder\proj\01\mcsd\20225069_KLF_Drainage.dwg LAYOUT: DRG-08 PLOTTED: 6/30/2023 4:10 PM BY: kenneth.mcsdand



DRAWING ISSUE

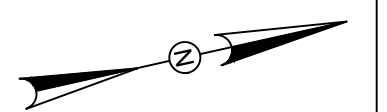
REV	DESCRIPTION	DATE

REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION

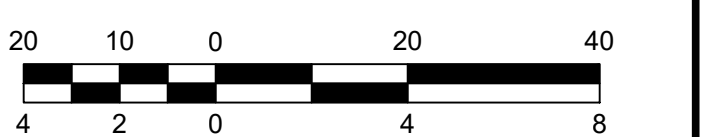


THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING



IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

HORIZONTAL SCALE: 1" = 20'



ORIGINAL DRAWING SCALE: 1/8" = 1'-0"

DRAINAGE PLAN & PROFILE

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK

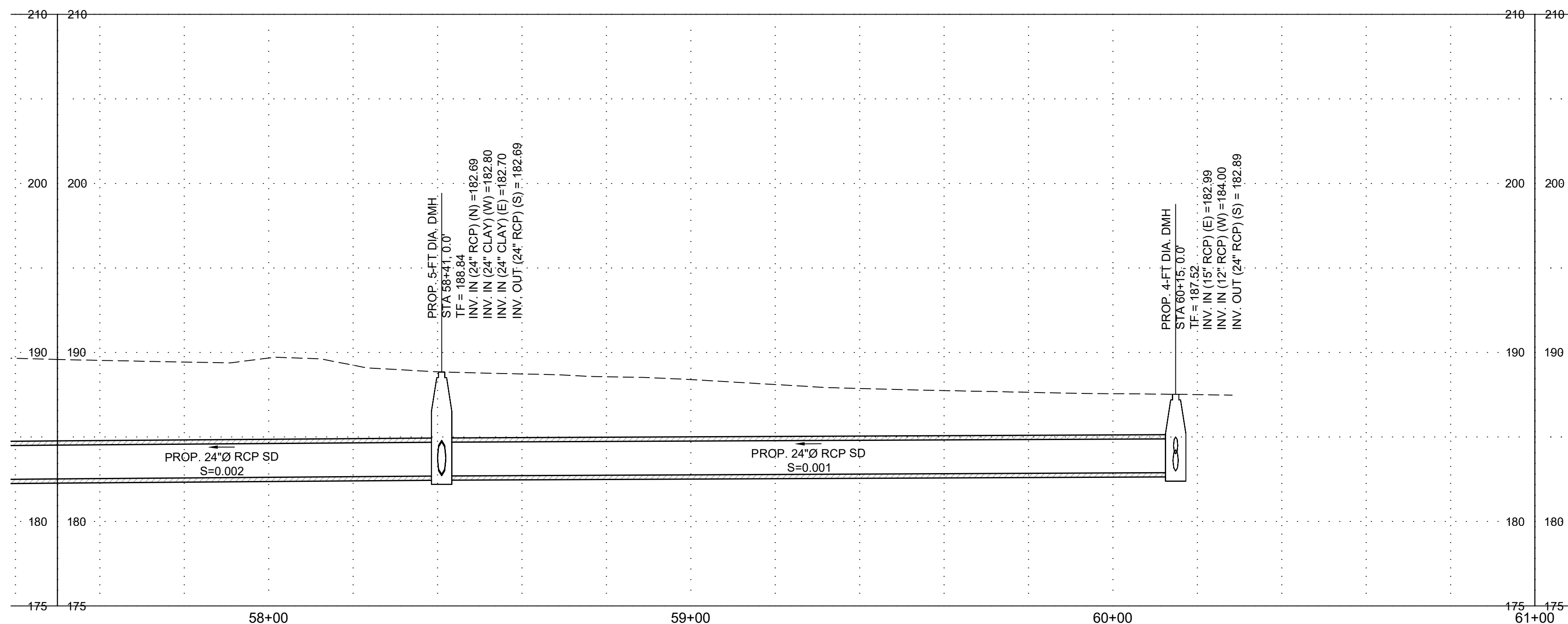
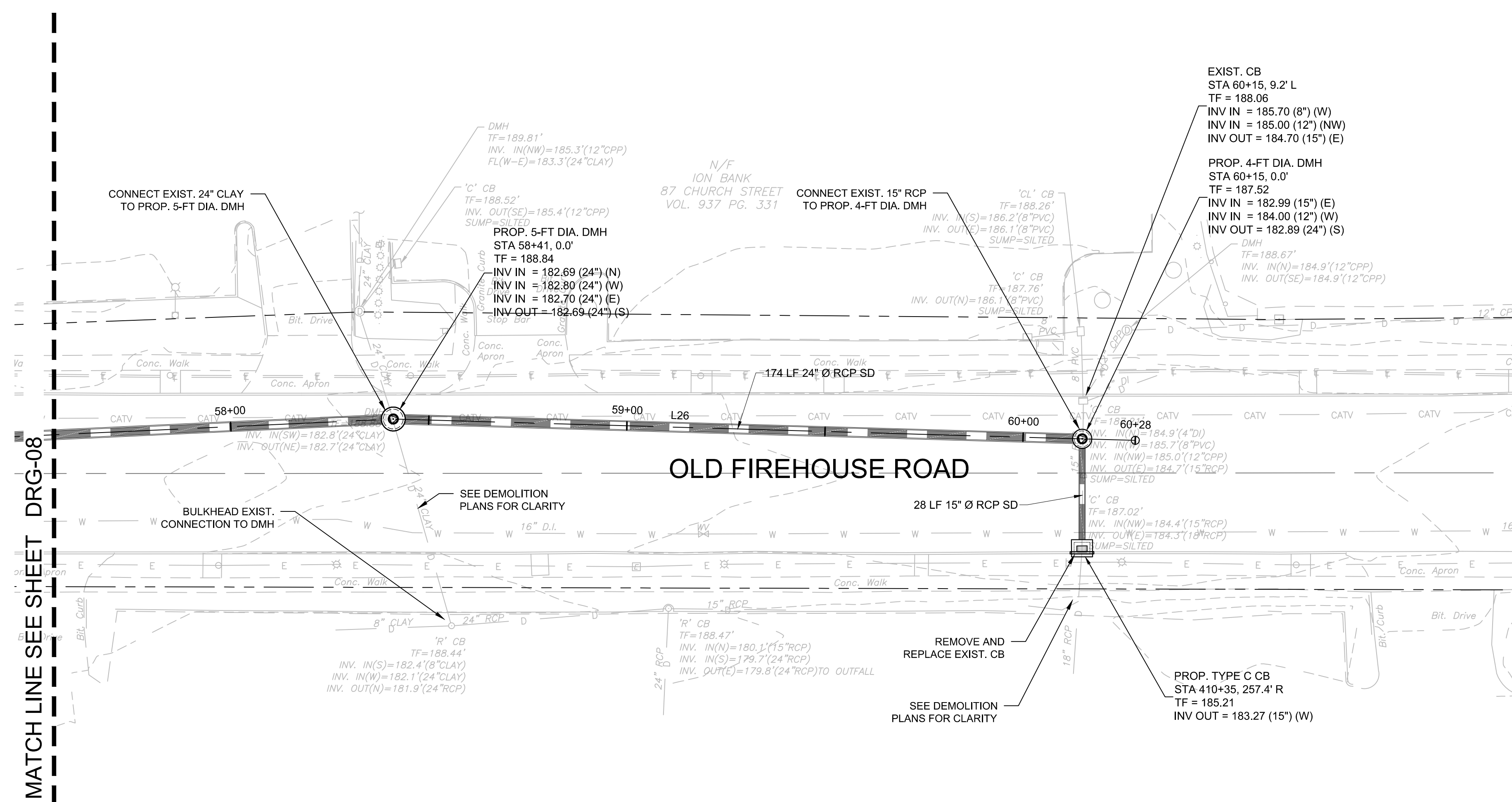


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

DRG-09



NOTE:

SEE DEMOLITION PLANS FOR REMOVALS AND ABANDONMENT.



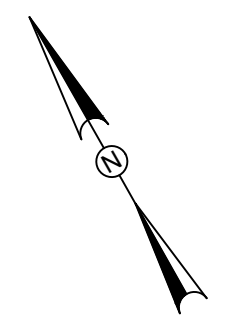
DRAWING ISSUE

REV	DESCRIPTION	DATE

REVISIONS

REV	DESCRIPTION	DSN	CHK	APP	DATE

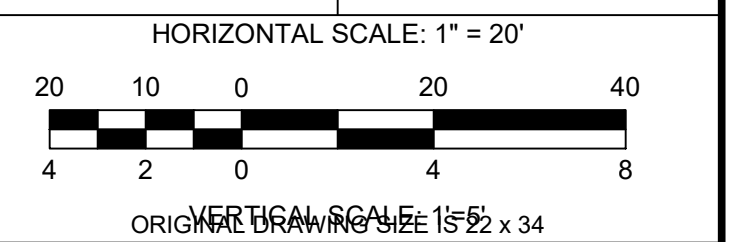
ISSUED FOR CONSTRUCTION



SCALE VERIFICATION

THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING

IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY



DRAINAGE PLAN & PROFILE

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

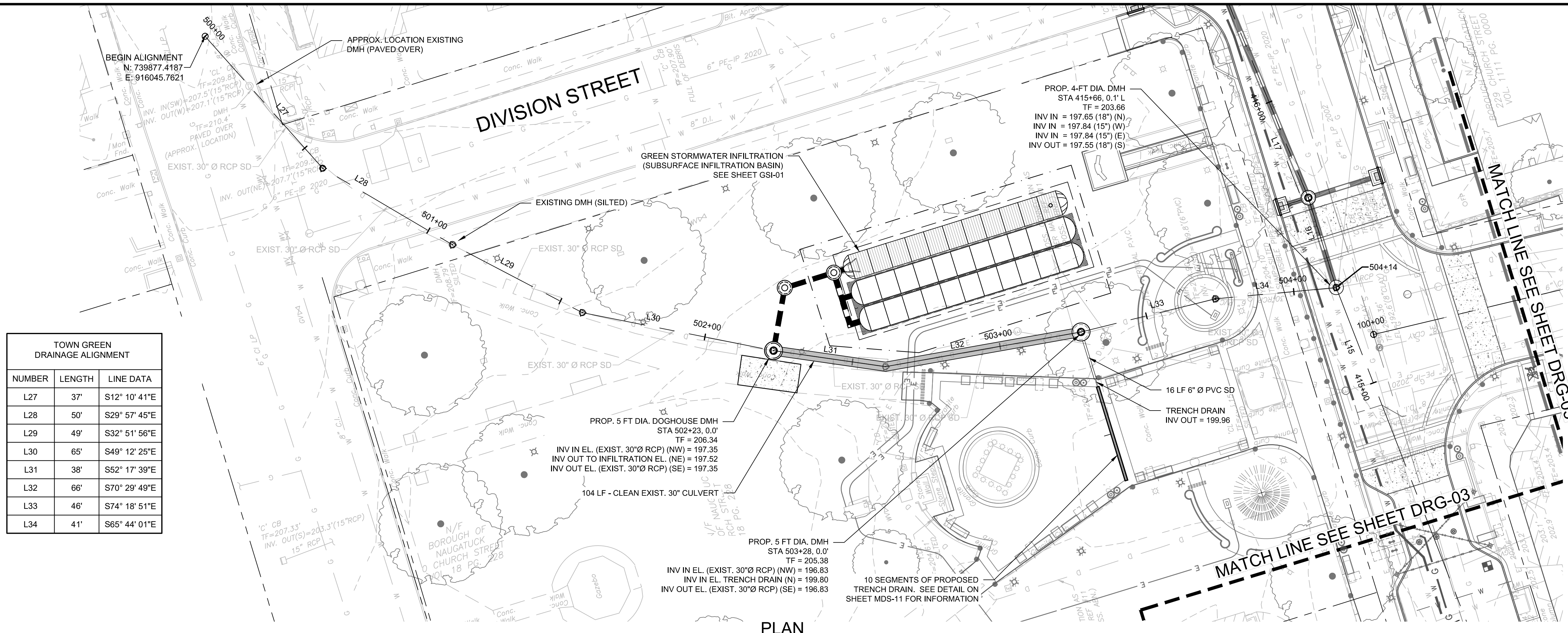


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

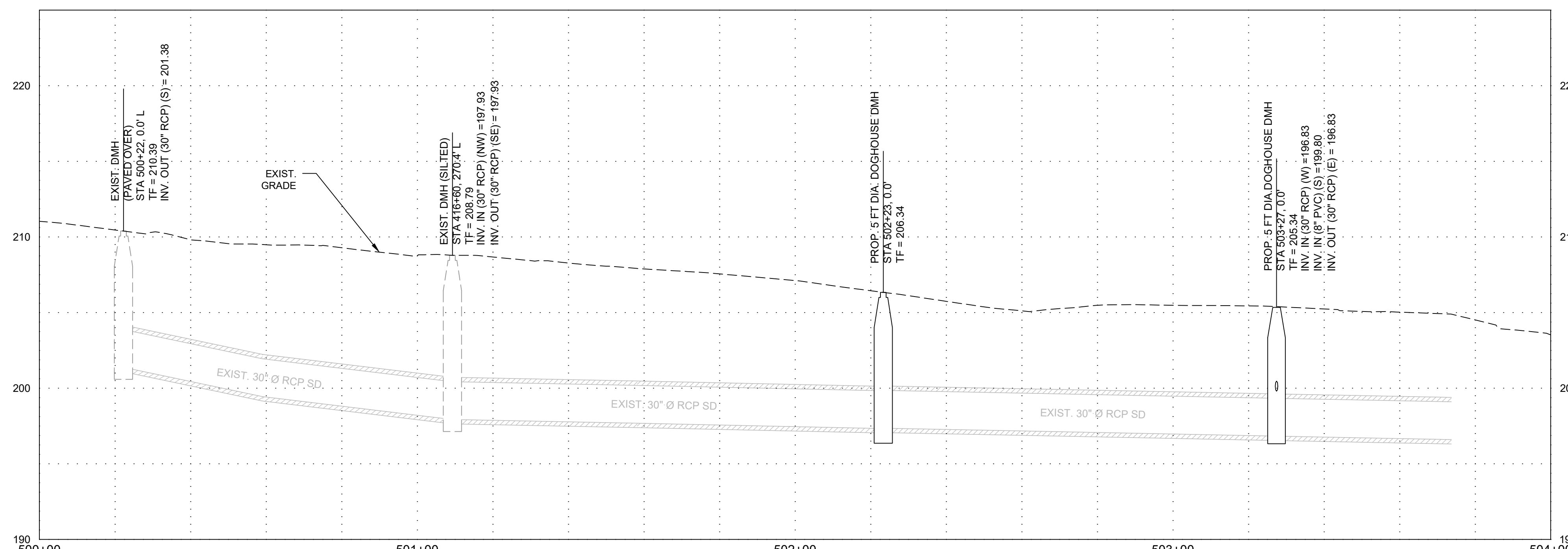
PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

DRG-10



TOWN GREEN DRAINAGE ALIGNMENT		
NUMBER	LENGTH	LINE DATA
L27	37'	S12° 10' 41"E
L28	50'	S29° 57' 45"E
L29	49'	S32° 51' 56"E
L30	65'	S49° 12' 25"E
L31	38'	S52° 17' 39"E
L32	66'	S70° 29' 49"E
L33	46'	S74° 18' 51"E
L34	41'	S65° 44' 01"E

PLAN
SCALE: 1"=20'



PROFILE
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=5'

NOTE:

SEE DEMOLITION PLANS FOR REMOVALS AND ABANDONMENT.



DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION

THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING

SCALE: 1" = 10' SCALE IN FEET
ORIGINAL DRAWING SIZE IS 22 x 34

IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

OUTLET DRAINAGE & GRADING PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK

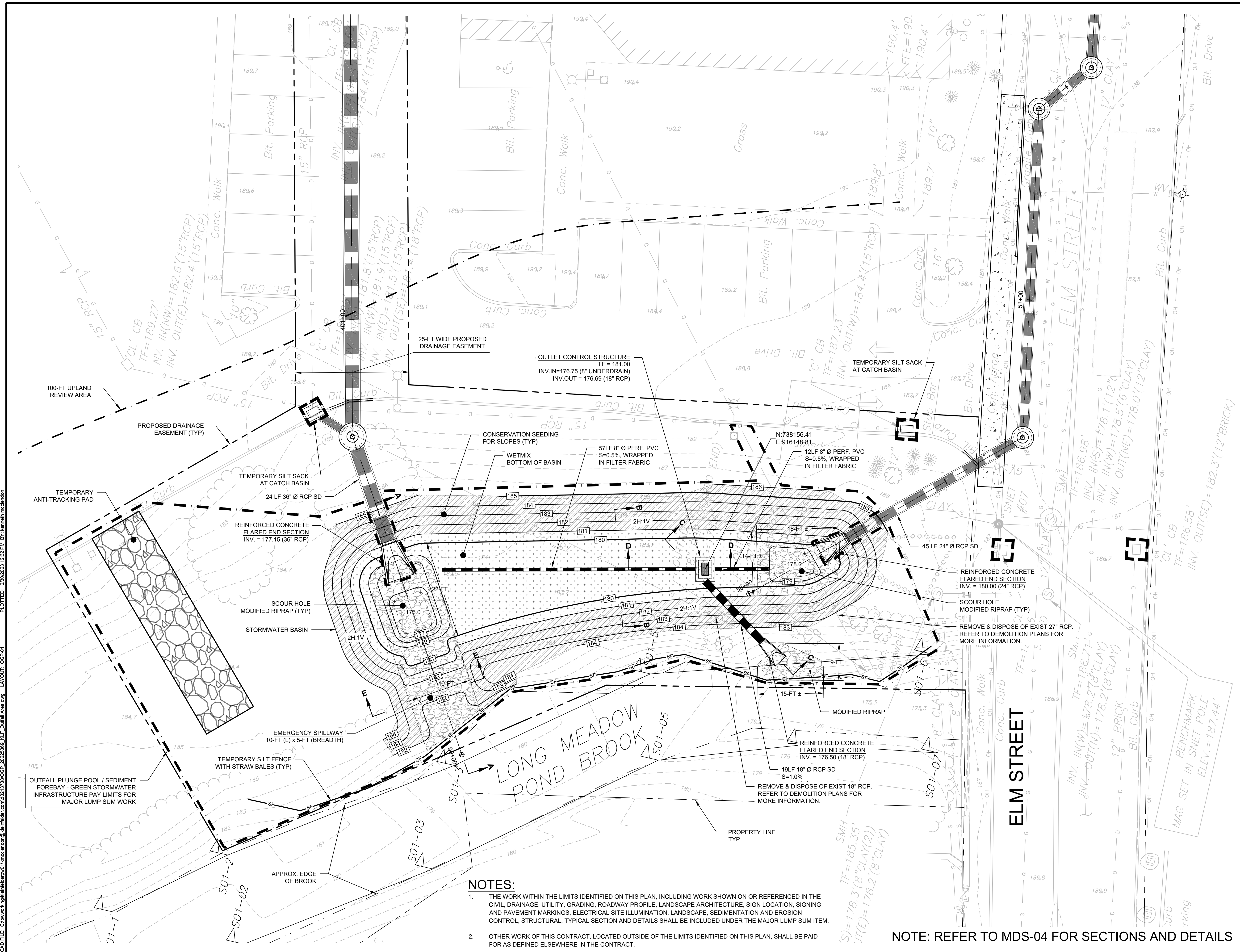


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

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APPROVED BY	N.KULIKAUSKAS

OGP-01



- NOTES:**
- THE WORK WITHIN THE LIMITS IDENTIFIED ON THIS PLAN, INCLUDING WORK SHOWN ON OR REFERENCED IN THE CIVIL, DRAINAGE, UTILITY, GRADING, ROADWAY PROFILE, LANDSCAPE ARCHITECTURE, SIGN LOCATION, SIGNING AND PAVEMENT MARKINGS, ELECTRICAL SITE ILLUMINATION, LANDSCAPE, SEDIMENTATION AND EROSION CONTROL, STRUCTURAL, TYPICAL SECTION AND DETAILS SHALL BE INCLUDED UNDER THE MAJOR LUMP SUM ITEM.
 - OTHER WORK OF THIS CONTRACT, LOCATED OUTSIDE OF THE LIMITS IDENTIFIED ON THIS PLAN, SHALL BE PAID FOR AS DEFINED ELSEWHERE IN THE CONTRACT.

NOTE: REFER TO MDS-04 FOR SECTIONS AND DETAILS

CAD FILE: C:\pwworking\kleinfelder\proj\20225069_01\mxd\OGP-01.dwg
 LAYOUT: OGP-01
 PLOTTED: 6/30/2023 12:32 PM BY: kenneth.nachbander



DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION
THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING
IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

0 10 20
SCALE: 1" = 10' SCALE IN FEET
ORIGINAL DRAWING SIZE IS 22 x 34

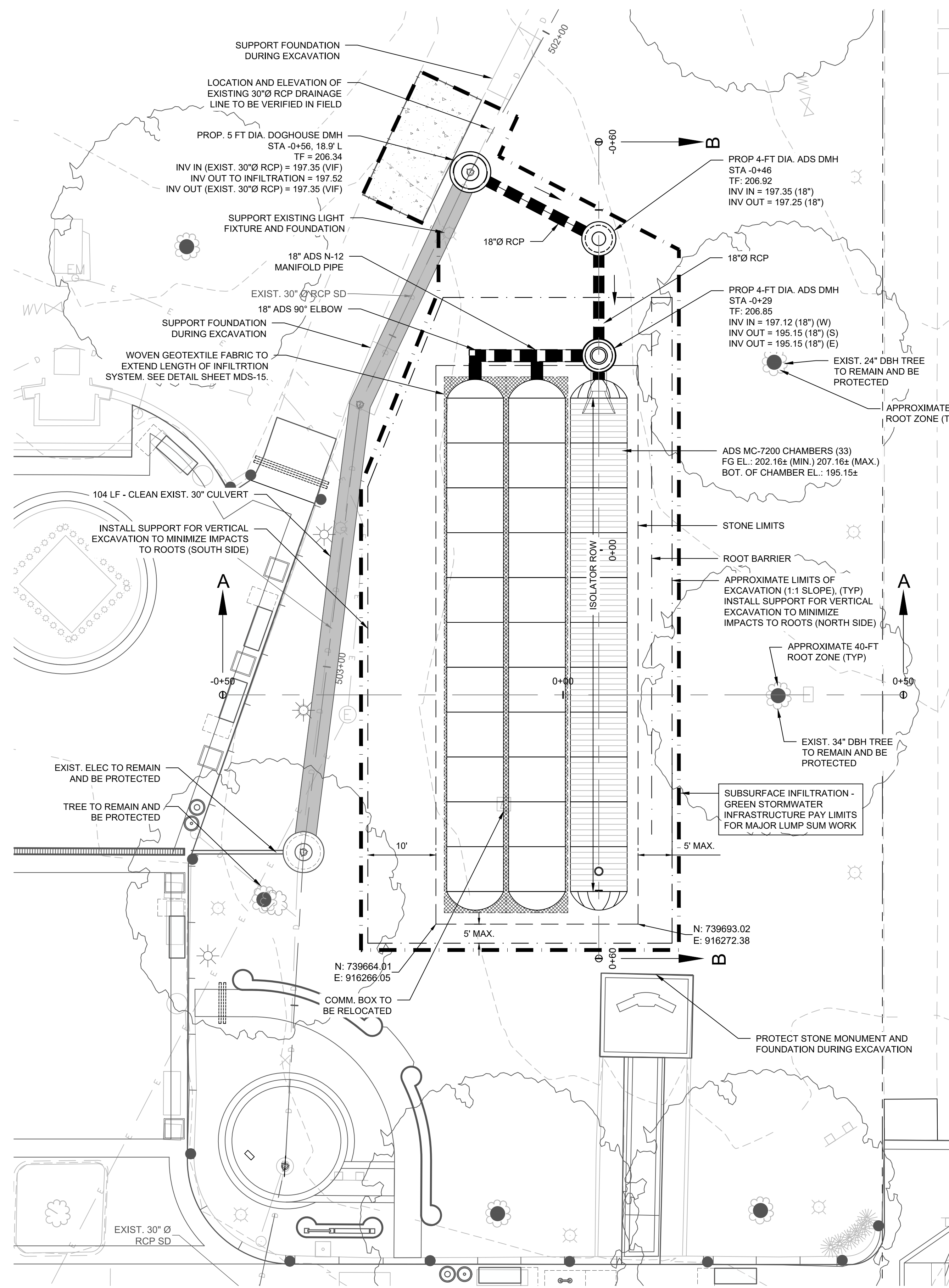
GREEN STORMWATER INFRASTRUCTURE (SUBSURFACE INFILTRATION BASIN)
DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK



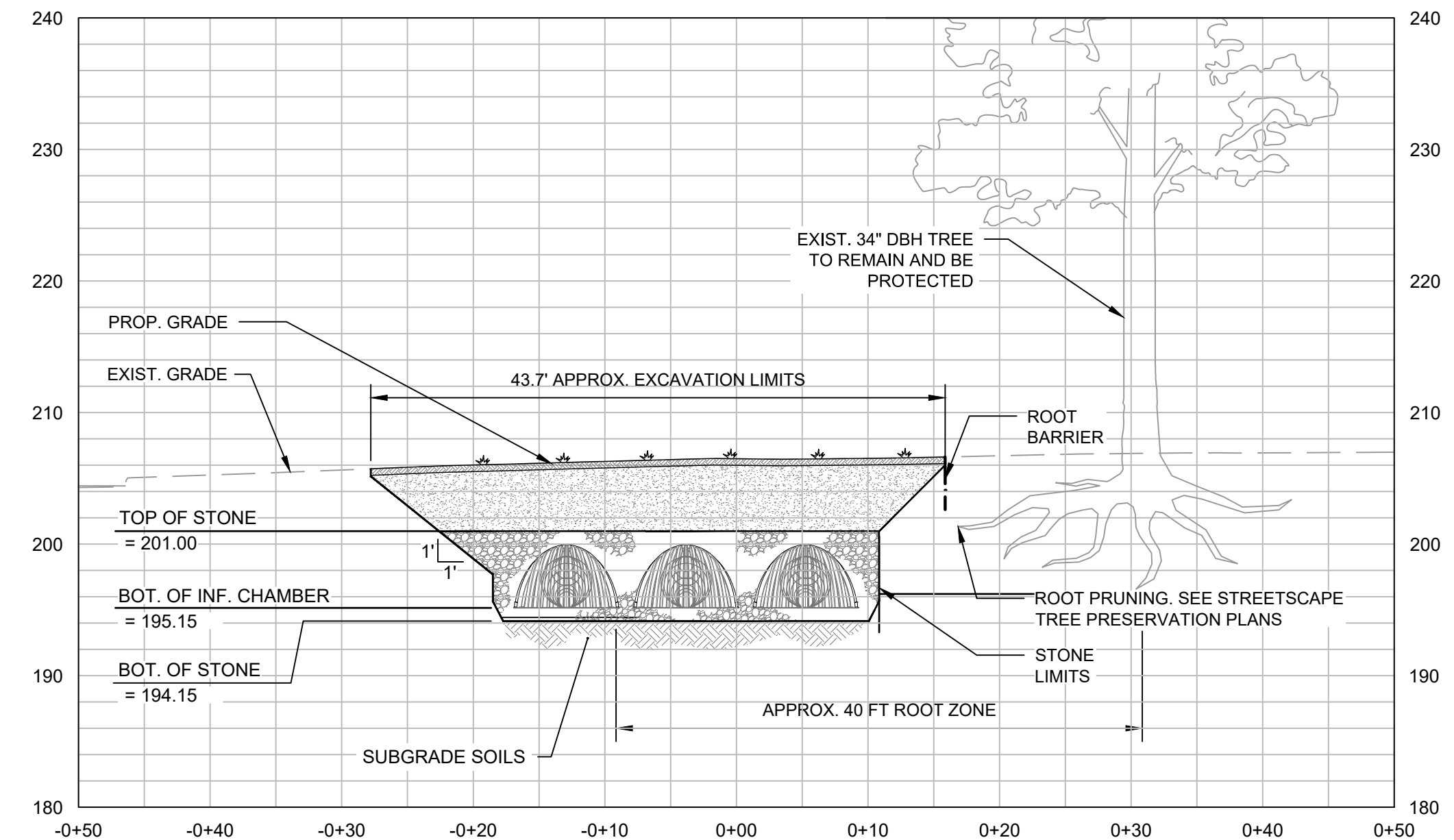
BOROUGH OF NAUGATUCK
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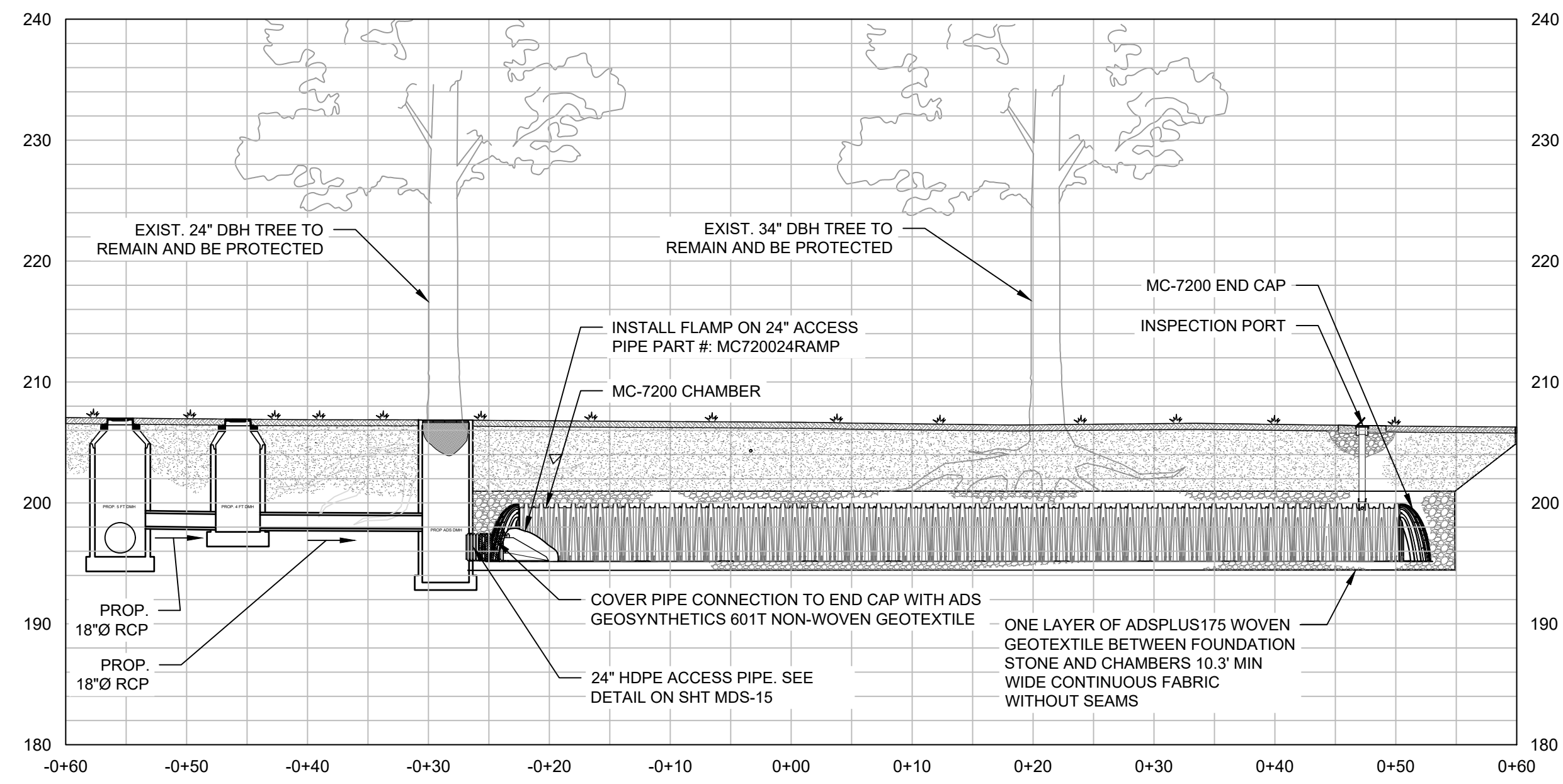
GS1-01



PLAN
SCALE: 1"=10'



SECTION A-A
HORIZONTAL SCALE: 1"=10'
VERTICAL SCALE: 1"=10'



SECTION B-B
HORIZONTAL SCALE: 1"=10'
VERTICAL SCALE: 1"=10'

NOTES:

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- OTHER WORK OF THIS CONTRACT, LOCATED OUTSIDE OF THE LIMITS IDENTIFIED ON THIS PLAN, SHALL BE PAID FOR AS DEFINED ELSEWHERE IN THE CONTRACT.
- REFER TO TREE PRESERVATION PLANS FOR ANY CRITICAL OR STRUCTURAL ROOT ZONES.

CAD FILE: C:\pwworking\kleinfelder\proj\20225069\GS1_20225069.XLF Green Storm Inf.dwg LAYOUT: GS1-01 PLOTTED: 6/30/2023 8:44 AM BY: kenneth.mcclelland



DRAWING ISSUE

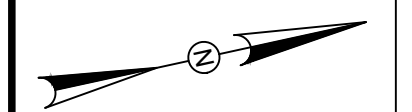
REV	DESCRIPTION	DATE

REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION



THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING



IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

0 30 60
SCALE: 1" = 30' SCALE IN FEET

ORIGINAL DRAWING SIZE IS 22 x 34

GREEN STORMWATER INFRASTRUCTURE OVERALL PLAN - TREE FILTERS

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

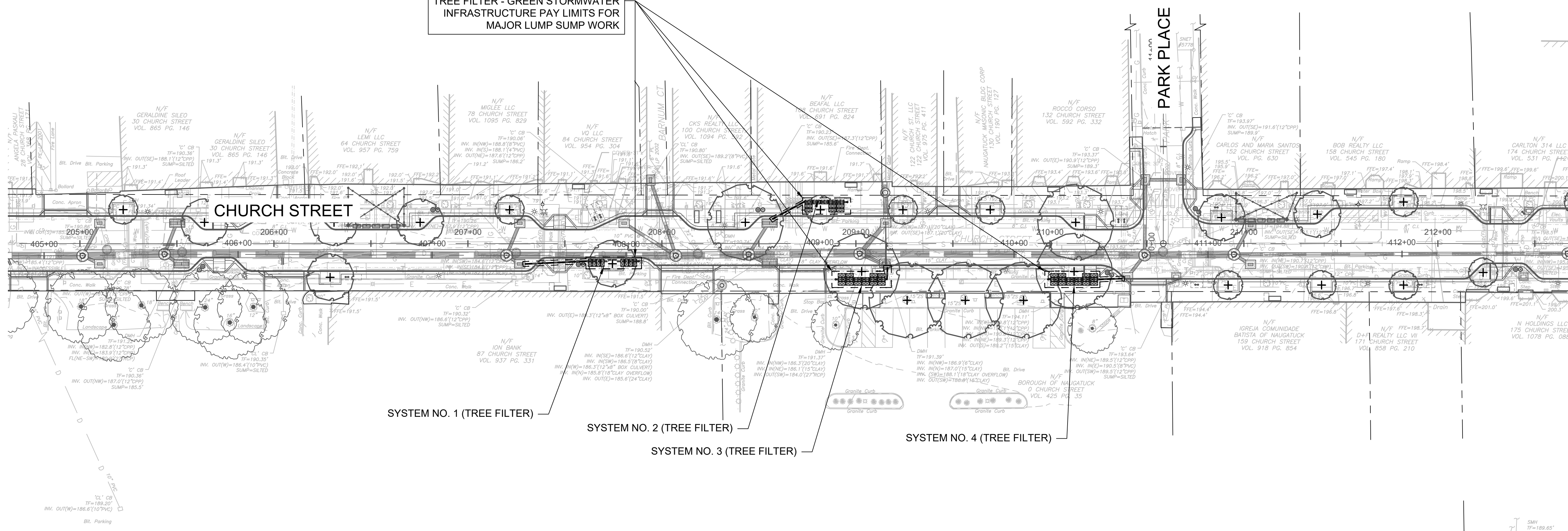
PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

GS1-02

NOTES:

- THE WORK WITHIN THE LIMITS IDENTIFIED ON THIS PLAN, INCLUDING WORK SHOWN ON OR REFERENCED IN THE CIVIL, DRAINAGE, UTILITY, GRADING, ROADWAY PROFILE, LANDSCAPE ARCHITECTURE, SIGN LOCATION, SIGNING AND PAVEMENT MARKINGS, ELECTRICAL SITE ILLUMINATION, LANDSCAPE, SEDIMENTATION AND EROSION CONTROL, STRUCTURAL, TYPICAL SECTION AND DETAILS SHALL BE INCLUDED UNDER THE MAJOR LUMP SUM ITEM.
- OTHER WORK OF THIS CONTRACT, LOCATED OUTSIDE OF THE LIMITS IDENTIFIED ON THIS PLAN, SHALL BE PAID FOR AS DEFINED ELSEWHERE IN THE CONTRACT.

TREE FILTER - GREEN STORMWATER INFRASTRUCTURE PAY LIMITS FOR MAJOR LUMP SUMP WORK



CAD FILE: C:\pwworking\kleinfelder\proj\11\mcsd\20225069.GSI_20225069.XLF_Green Storm Inf.dwg LAYOUT: GSI-02 PLOTTED: 6/30/2023 8:44 AM BY: kenneth.mcsdemon



DRAWING ISSUE				
REV	DESCRIPTION	DATE		
REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION
THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING

IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

0 10 20
SCALE: 1" = 10' SCALE IN FEET
ORIGINAL DRAWING SIZE IS 22 x 34

GREEN STORMWATER INFRASTRUCTURE (TREE FILTERS)
DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK

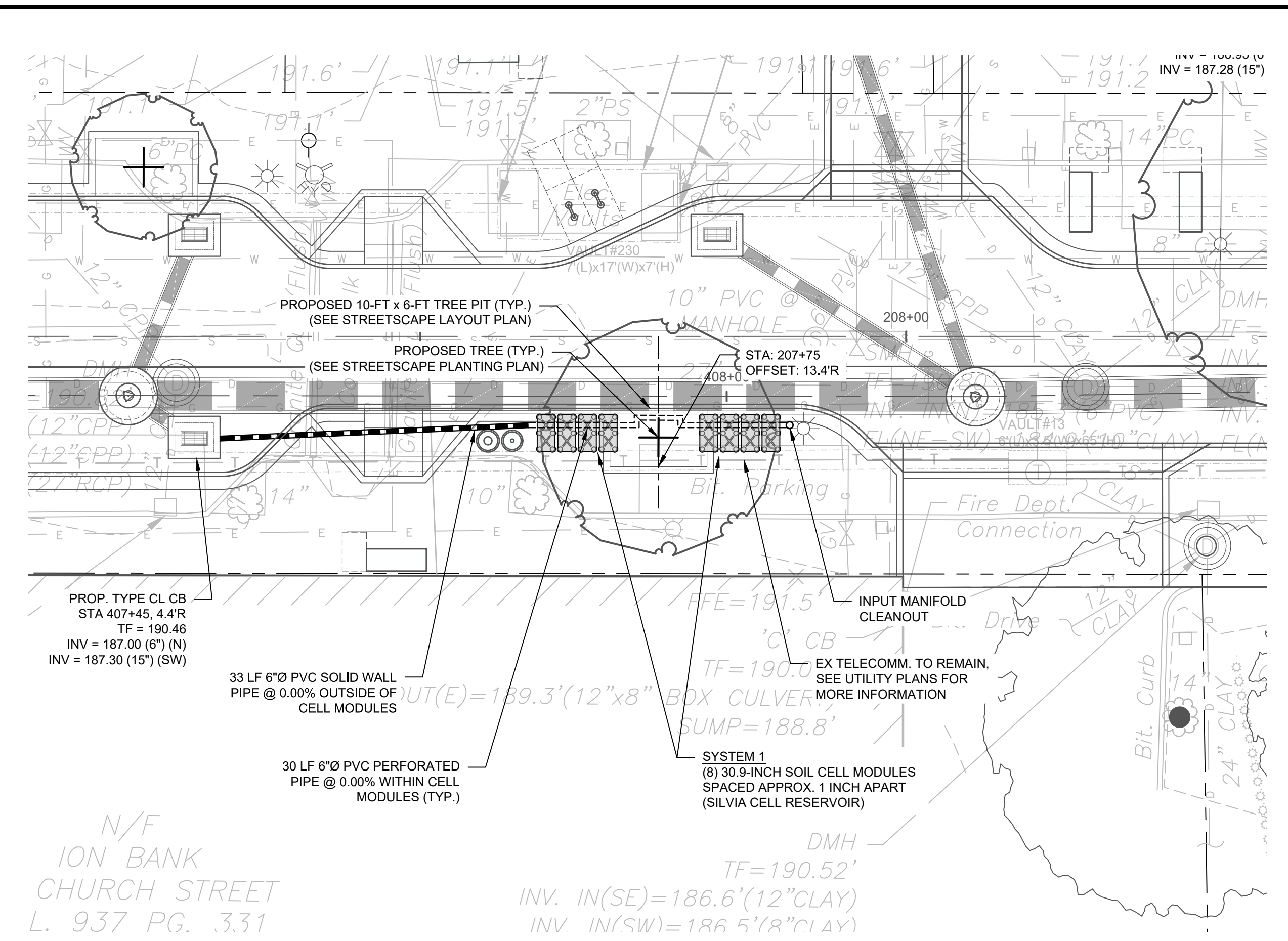


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

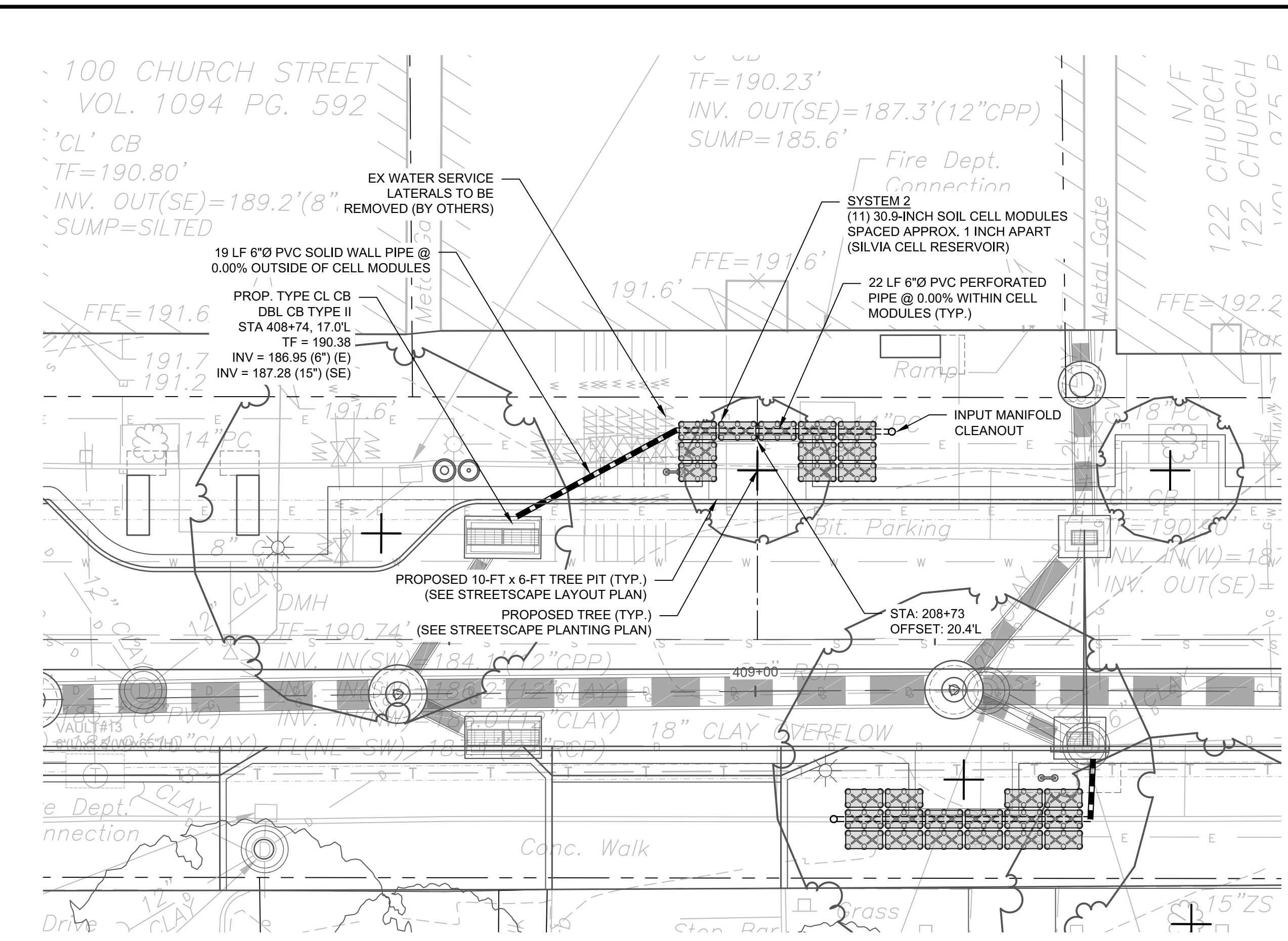
ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

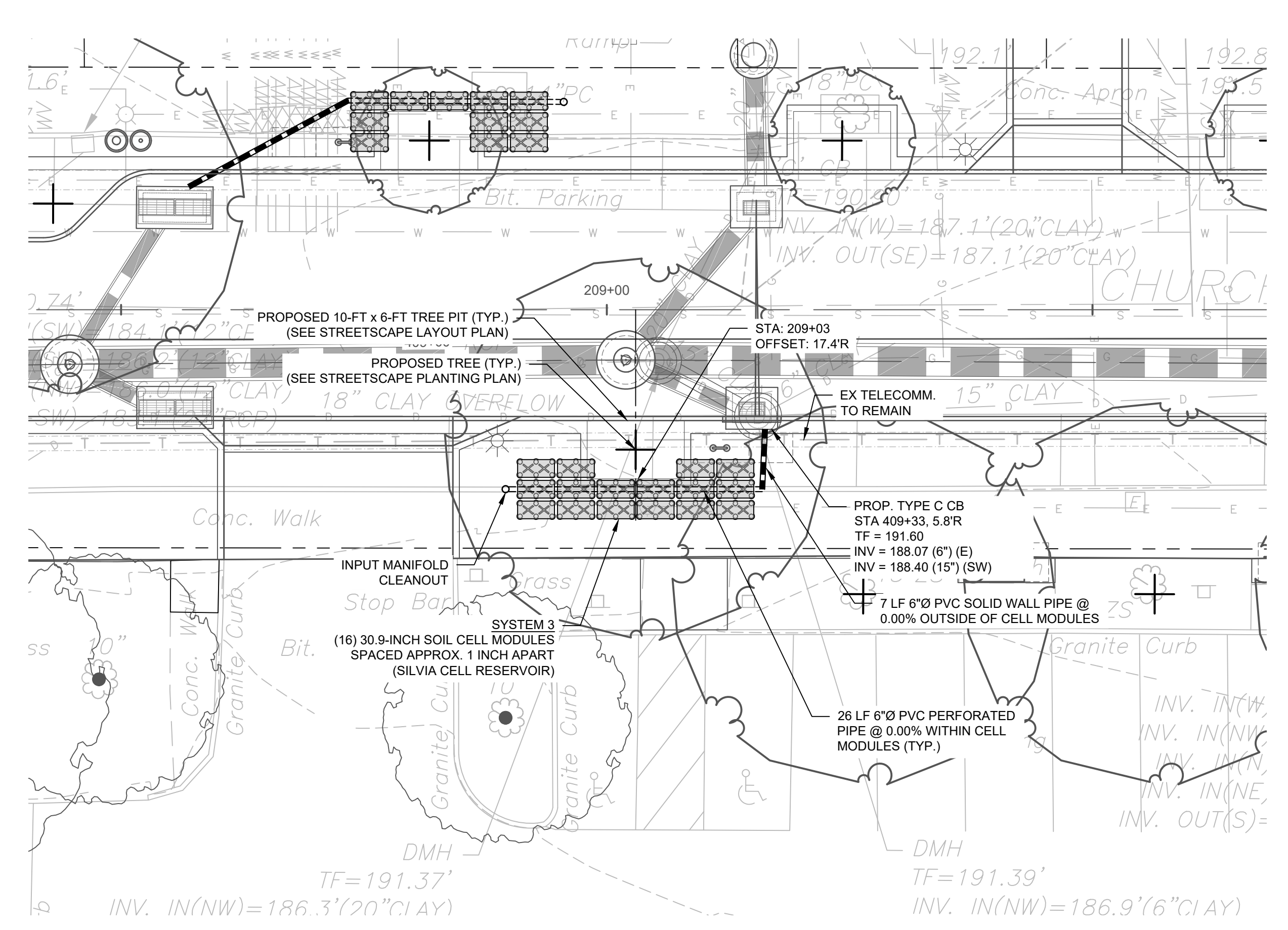
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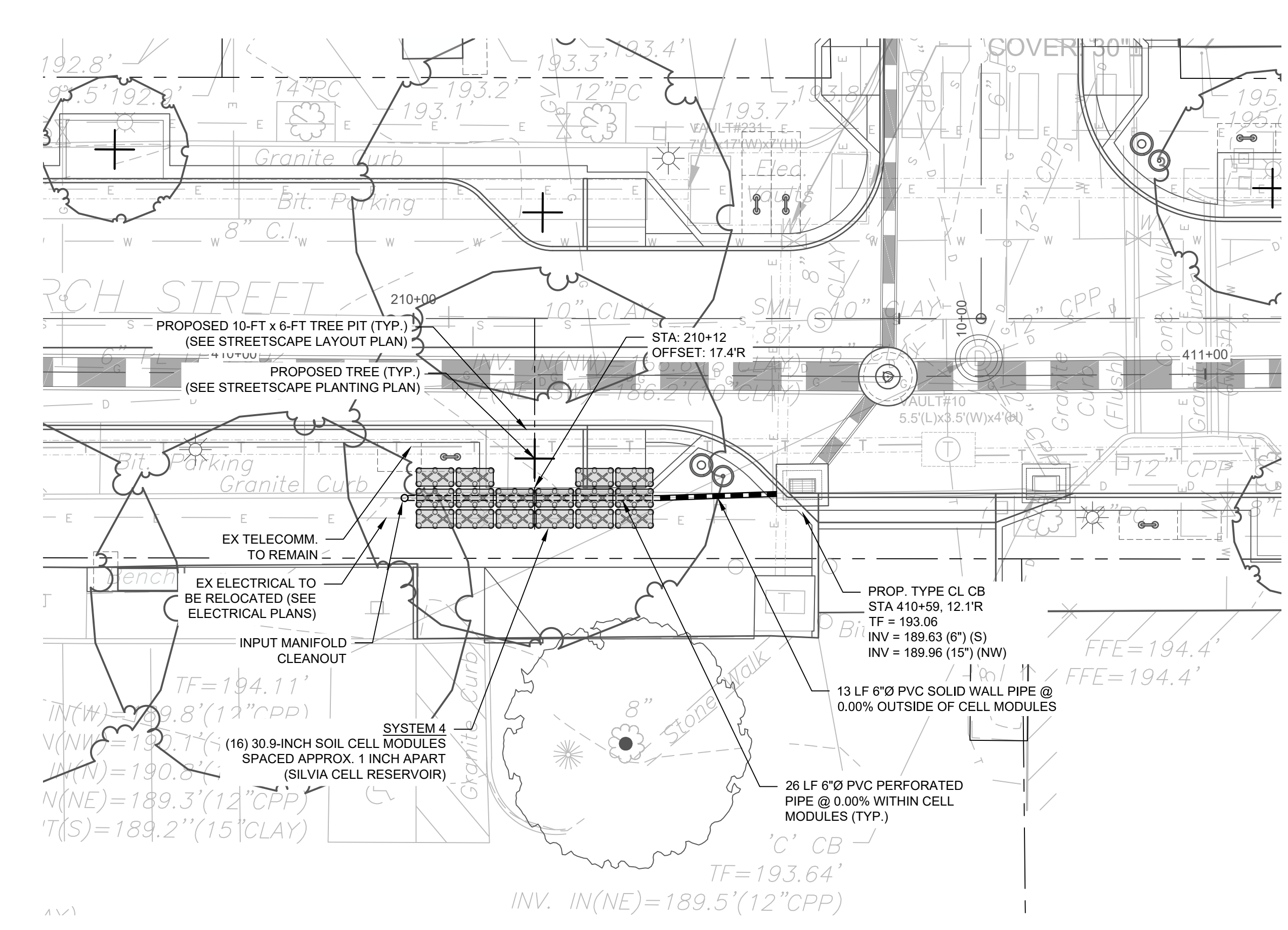
SYSTEM NO. 1 (TREE FILTER)
SCALE: 1" = 10'



SYSTEM NO. 2 (TREE FILTER)
SCALE: 1" = 10'



SYSTEM NO. 3 (TREE FILTER)
SCALE: 1" = 10'



SYSTEM NO. 4 (TREE FILTER)
SCALE: 1" = 10'

CAD FILE: C:\pwworking\kleinfelder.com\11\mcsd\20225069.GSI_20225069.XLF Green Storm Inf. Lay. LAYOUT_GSI-03
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DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

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SCALE VERIFICATION

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0 80 160
SCALE: 1" = 80' SCALE IN FEET
ORIGINAL DRAWING SIZE IS 22 x 34

IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

OVERALL UTILITY PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

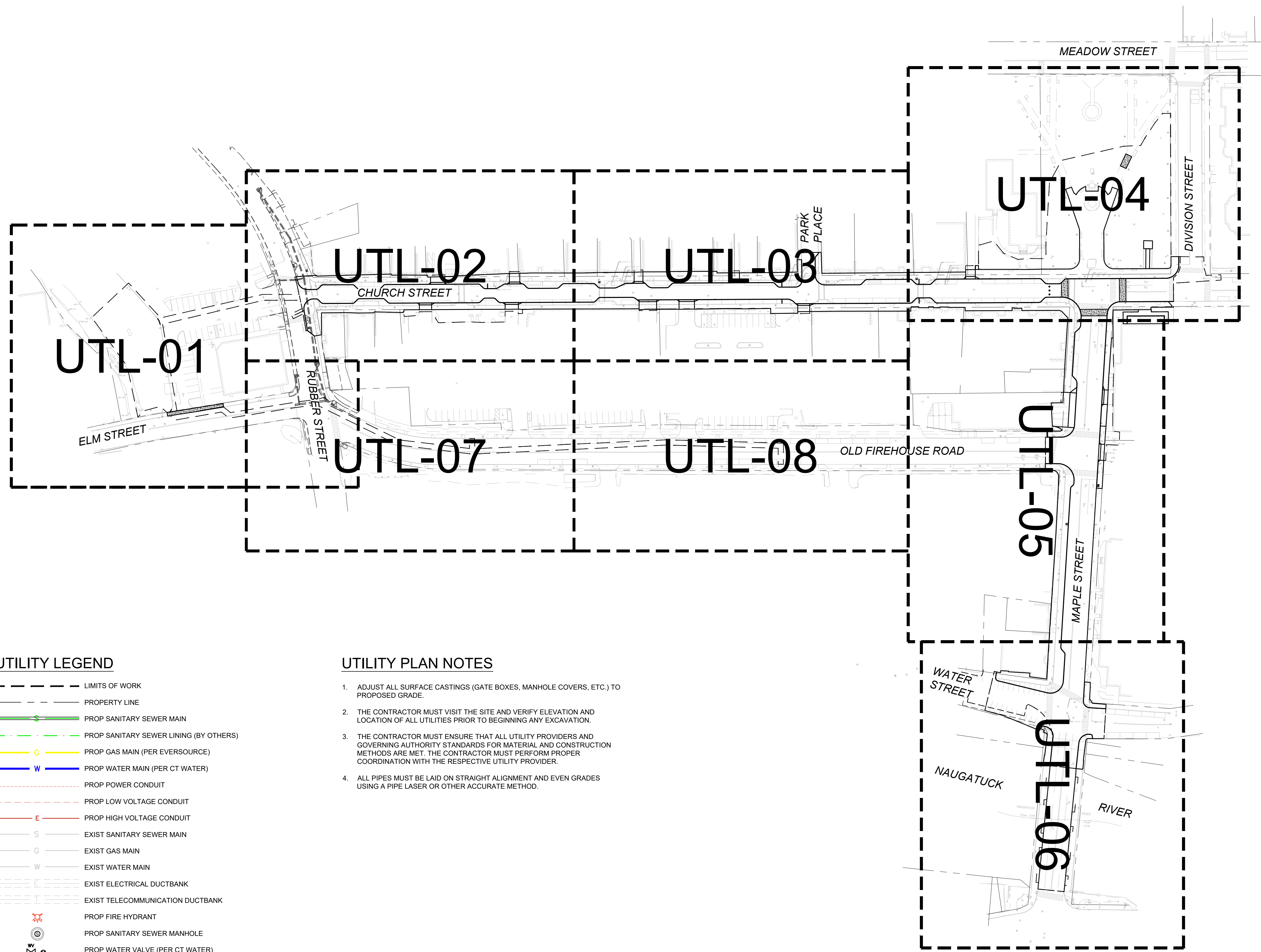


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
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DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

UTL-00



UTILITY LEGEND

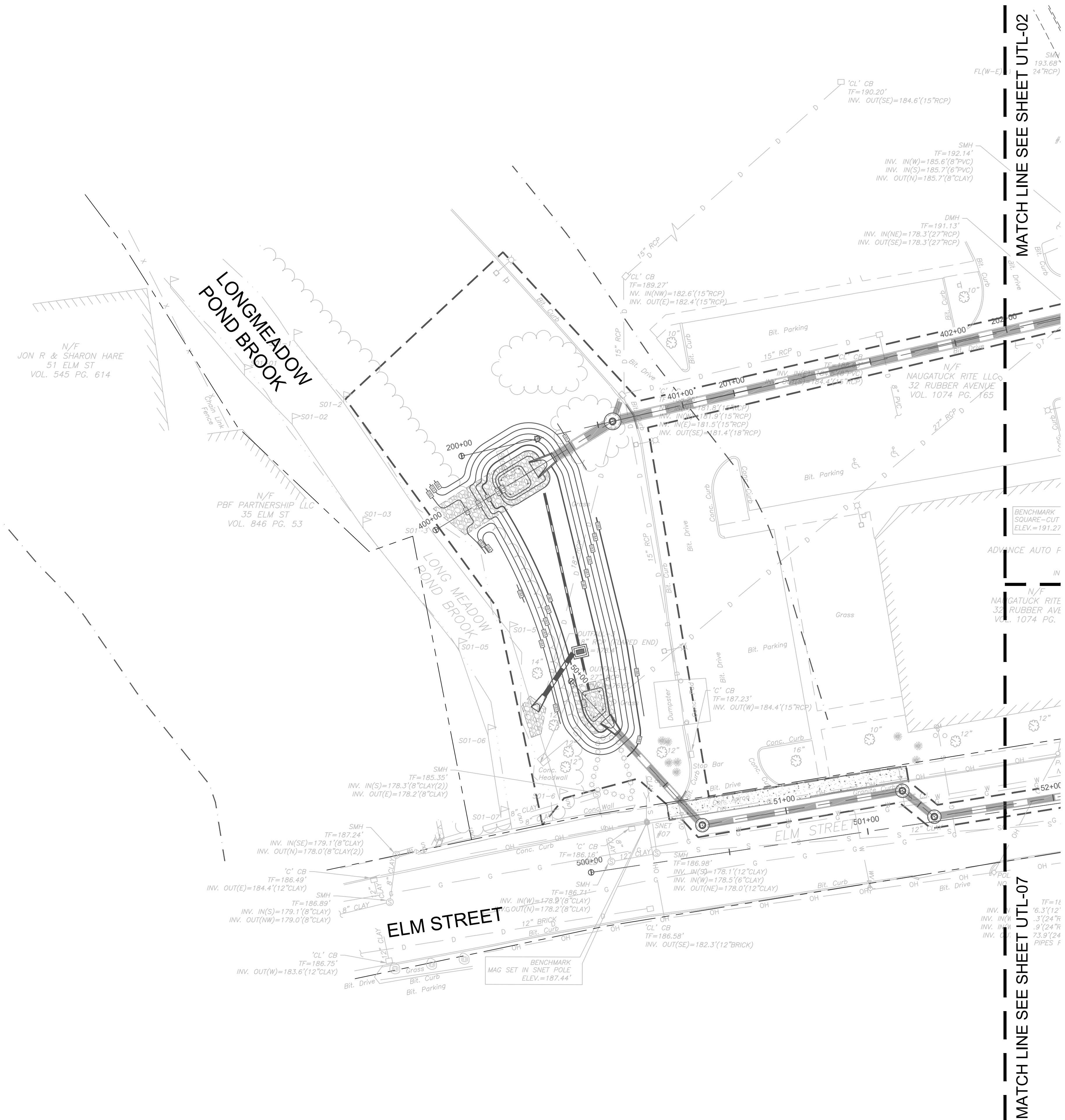
- LIMITS OF WORK
- PROPERTY LINE
- PROP SANITARY SEWER MAIN
- PROP SANITARY SEWER LINING (BY OTHERS)
- PROP GAS MAIN (PER EVERSOURCE)
- PROP WATER MAIN (PER CT WATER)
- PROP POWER CONDUIT
- PROP LOW VOLTAGE CONDUIT
- PROP HIGH VOLTAGE CONDUIT
- EXIST SANITARY SEWER MAIN
- EXIST GAS MAIN
- EXIST WATER MAIN
- EXIST ELECTRICAL DUCTBANK
- EXIST TELECOMMUNICATION DUCTBANK
- PROP FIRE HYDRANT
- PROP SANITARY SEWER MANHOLE
- PROP WATER VALVE (PER CT WATER)
- TELECOMMUNICATION MANHOLE (PER FRONTIER)
- ELECTRIC MANHOLE (PER EVERSOURCE)

UTILITY PLAN NOTES

1. ADJUST ALL SURFACE CASTINGS (GATE BOXES, MANHOLE COVERS, ETC.) TO PROPOSED GRADE.
2. THE CONTRACTOR MUST VISIT THE SITE AND VERIFY ELEVATION AND LOCATION OF ALL UTILITIES PRIOR TO BEGINNING ANY EXCAVATION.
3. THE CONTRACTOR MUST ENSURE THAT ALL UTILITY PROVIDERS AND GOVERNING AUTHORITY STANDARDS FOR MATERIAL AND CONSTRUCTION METHODS ARE MET. THE CONTRACTOR MUST PERFORM PROPER COORDINATION WITH THE RESPECTIVE UTILITY PROVIDER.
4. ALL PIPES MUST BE LAID ON STRAIGHT ALIGNMENT AND EVEN GRADES USING A PIPE LASER OR OTHER ACCURATE METHOD.

UTILITY LEGEND

- LIMITS OF WORK
- PROPERTY LINE
- PROP SANITARY SEWER MAIN
- PROP SANITARY SEWER LINING (BY OTHERS)
- PROP GAS MAIN (PER EVERSOURCE)
- PROP WATER MAIN (PER CT WATER)
- PROP POWER CONDUIT
- PROP LOW VOLTAGE CONDUIT
- PROP HIGH VOLTAGE CONDUIT
- S --- EXIST SANITARY SEWER MAIN
- G --- EXIST GAS MAIN
- W --- EXIST WATER MAIN
- EXIST ELECTRICAL DUCTBANK
- EXIST TELECOMMUNICATION DUCTBANK
- ⊗ PROP FIRE HYDRANT
- ⊙ PROP SANITARY SEWER MANHOLE
- ⊕ PROP WATER VALVE (PER CT WATER)
- ⊗ TELECOMMUNICATION MANHOLE (PER FRONTIER)
- ⊕ ELECTRIC MANHOLE (PER EVERSOURCE)



MATCH LINE SEE SHEET UTL-02

MATCH LINE SEE SHEET UTL-07

KLEINFELDER
Bright People. Right Solutions.

400 Capital Boulevard, Suite 104
Rocky Hill, CT 06067
Phone: 860-563-7775
www.kleinfelder.com

LANDSCAPE ARCHITECT

Richter & Cegan Inc.

88 CANAL COURT P.O. BOX 567
AVON, CT 06001
PHONE: 860-678-0669
CONTACT NAME: Gary Guimond
EMAIL: gguimond@richtercegan.com



DRAWING ISSUE

REV	DESCRIPTION	DATE

REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

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SCALE VERIFICATION

THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING

IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

0 20 40
SCALE: 1" = 20' SCALE IN FEET
ORIGINAL DRAWING SIZE IS 22 x 34

UTILITY PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A	UTL-01
ISSUE DATE	06/30/2023	
CURRENT REVISION	IFC	
DESIGNED BY	K.VIOLETTE	
DRAWN BY	J.PERKINS	
CHECKED BY	P. KING	
APPROVED BY	N.KULIKAUSKAS	

NOTE: REFER TO DRAINAGE PLAN & PROFILE SHEETS
REFER TO SANITARY PLAN & PROFILE SHEETS

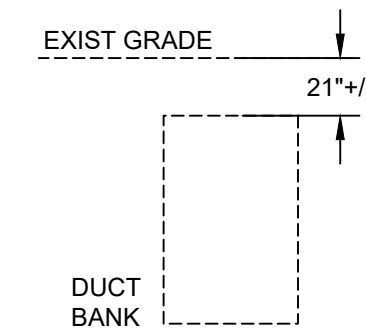
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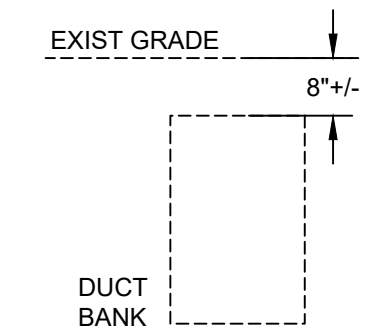
UTILITY LEGEND

- LIMITS OF WORK
- PROPERTY LINE
- PROP SANITARY SEWER MAIN
- PROP SANITARY SEWER LINING (BY OTHERS)
- PROP GAS MAIN (PER EVERSOURCE)
- PROP WATER MAIN (PER CT WATER)
- PROP POWER CONDUIT
- PROP LOW VOLTAGE CONDUIT
- PROP HIGH VOLTAGE CONDUIT
- S --- EXIST SANITARY SEWER MAIN
- G --- EXIST GAS MAIN
- W --- EXIST WATER MAIN
- E --- EXIST ELECTRICAL DUCTBANK
- T --- EXIST TELECOMMUNICATION DUCTBANK
- ⊕ PROP FIRE HYDRANT
- ⊙ PROP SANITARY SEWER MANHOLE
- ⊕ PROP WATER VALVE (PER CT WATER)
- ⊕ TELECOMMUNICATION MANHOLE (PER FRONTIER)
- ⊕ ELECTRIC MANHOLE (PER EVERSOURCE)

FRONTIER VAULT #14

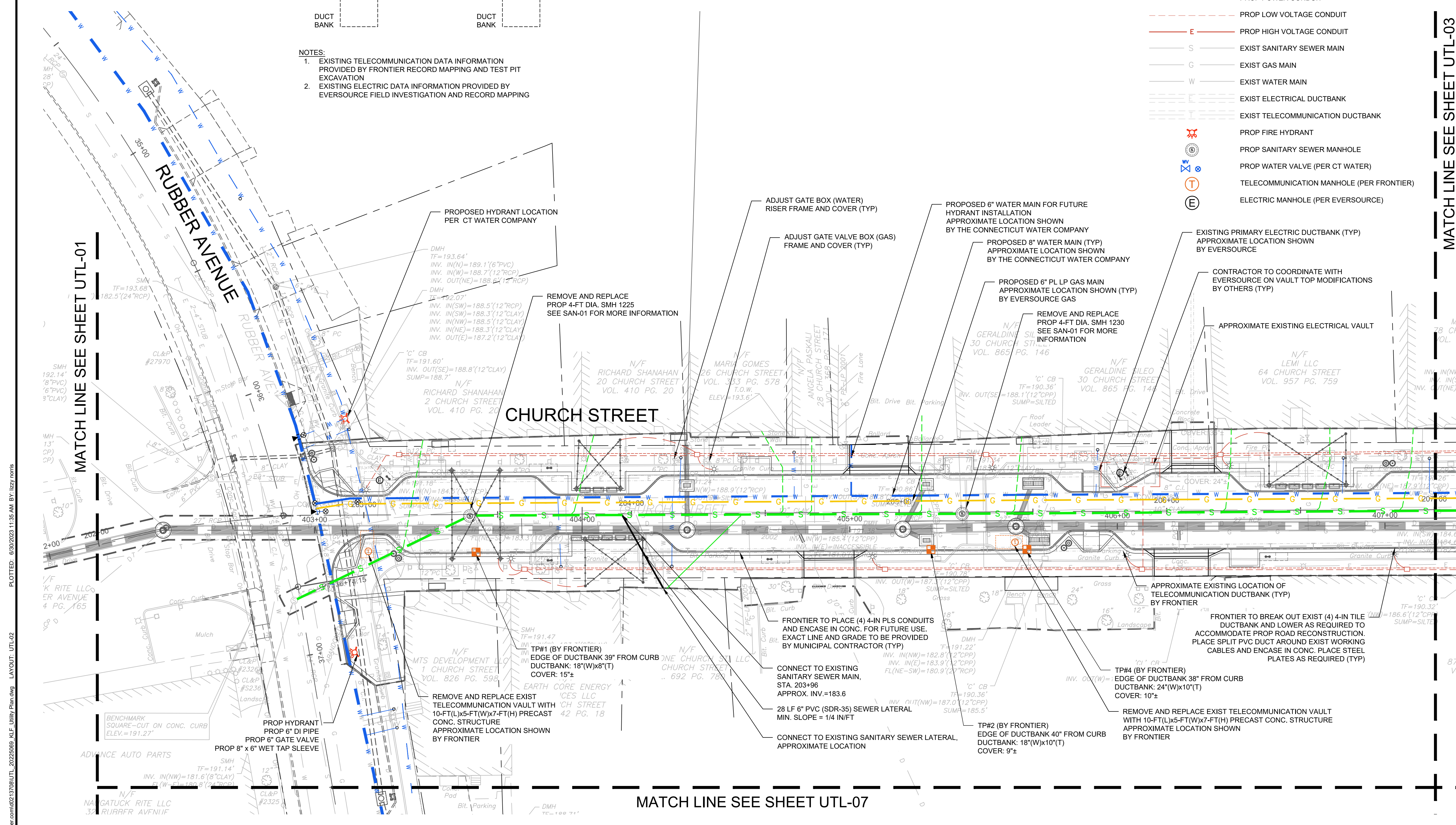


FRONTIER VAULT #38



NOTES:

1. EXISTING TELECOMMUNICATION DATA INFORMATION PROVIDED BY FRONTIER RECORD MAPPING AND TEST PIT EXCAVATION
2. EXISTING ELECTRIC DATA INFORMATION PROVIDED BY EVERSOURCE FIELD INVESTIGATION AND RECORD MAPPING



MATCH LINE SEE SHEET UTL-03

MATCH LINE SEE SHEET UTL-01

MATCH LINE SEE SHEET UTL-07

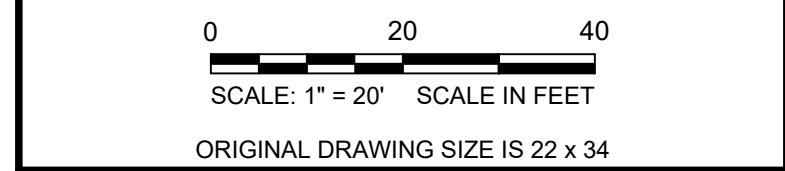
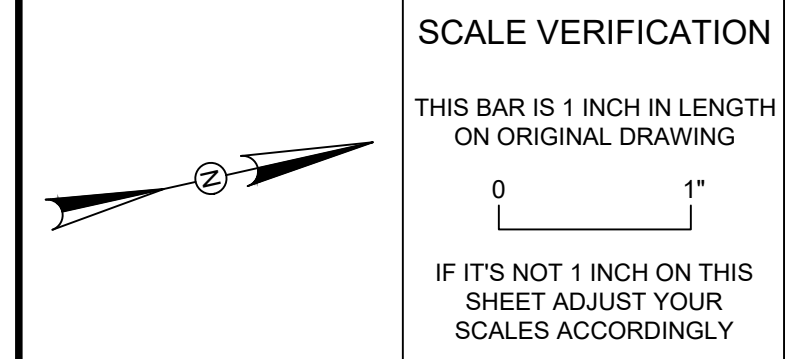
DRAWING ISSUE

REV	DESCRIPTION	DATE

REVISIONS

REV	DESCRIPTION	DSN	CHK	APP	DATE

ISSUED FOR CONSTRUCTION



UTILITY PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK



ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

UTL-02

NOTE: REFER TO DRAINAGE PLAN & PROFILE SHEETS
REFER TO SANITARY PLAN & PROFILE SHEETS

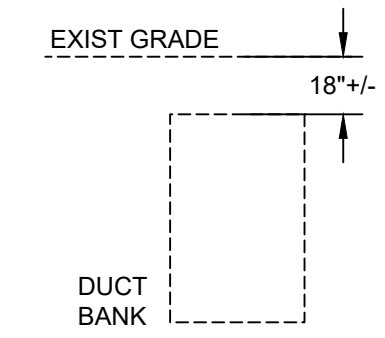
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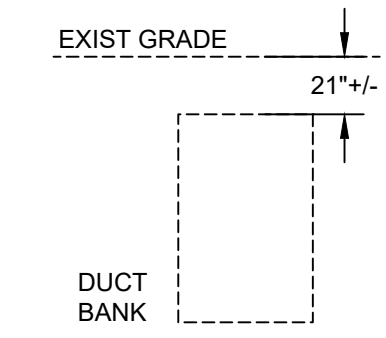
UTILITY LEGEND

- LIMITS OF WORK
- - - PROPERTY LINE
- PROP SANITARY SEWER MAIN
- PROP SANITARY SEWER LINING (BY OTHERS)
- PROP GAS MAIN (PER EVERSOURCE)
- PROP WATER MAIN (PER CT WATER)
- PROP POWER CONDUIT
- PROP LOW VOLTAGE CONDUIT
- PROP HIGH VOLTAGE CONDUIT
- EXIST SANITARY SEWER MAIN
- EXIST GAS MAIN
- EXIST WATER MAIN
- EXIST ELECTRICAL DUCTBANK
- EXIST TELECOMMUNICATION DUCTBANK
- ⊗ PROP FIRE HYDRANT
- ⊙ PROP SANITARY SEWER MANHOLE
- ⊕ PROP WATER VALVE (PER CT WATER)
- ⊖ TELECOMMUNICATION MANHOLE (PER FRONTIER)
- ⊗ ELECTRIC MANHOLE (PER EVERSOURCE)

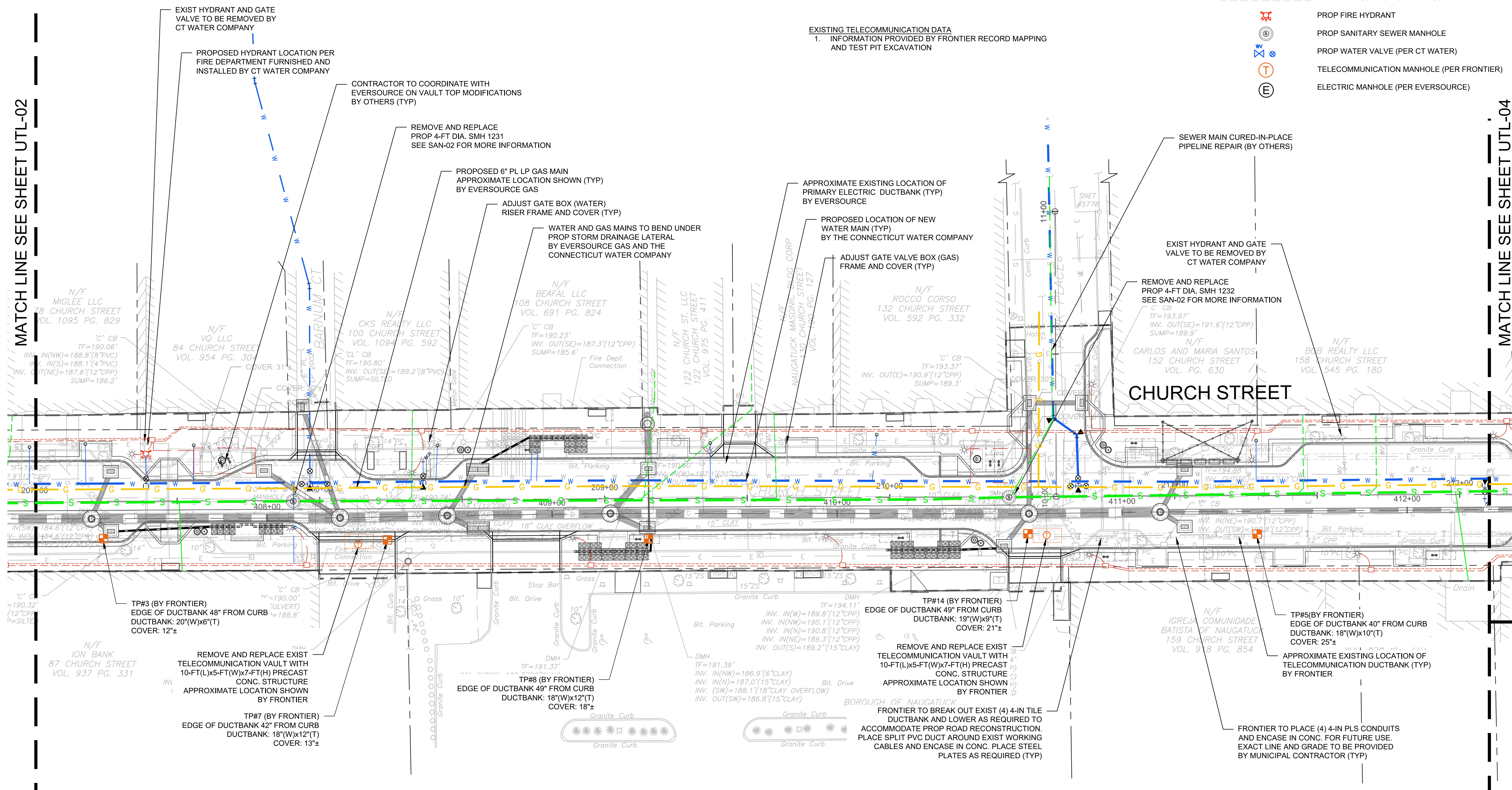
FRONTIER VAULT #13



FRONTIER VAULT #10



EXISTING TELECOMMUNICATION DATA
1. INFORMATION PROVIDED BY FRONTIER RECORD MAPPING AND TEST PIT EXCAVATION



MATCH LINE SEE SHEET UTL-02

MATCH LINE SEE SHEET UTL-04

MATCH LINE SEE SHEET UTL-08

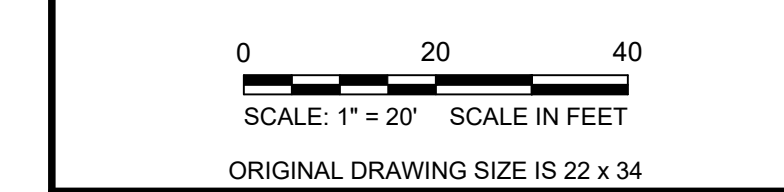
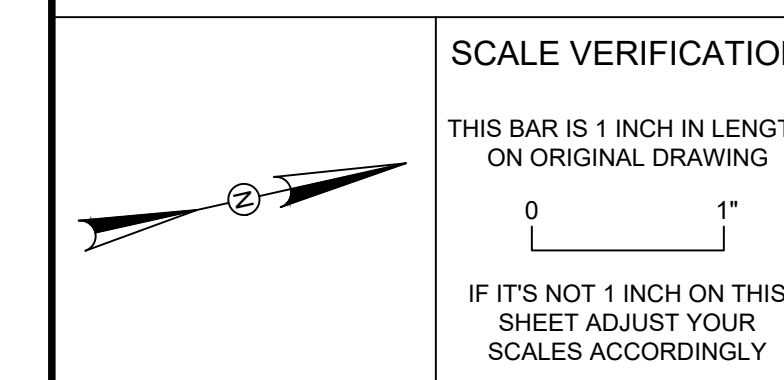
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REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

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UTILITY PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS

BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

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PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

UTL-03

NOTE: REFER TO DRAINAGE PLAN & PROFILE SHEETS
REFER TO SANITARY PLAN & PROFILE SHEETS



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REV	DESCRIPTION	DATE

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REV	DESCRIPTION	DSN	CHK	DATE

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SCALE VERIFICATION

THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING

IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

0 1" = 20' SCALE IN FEET

ORIGINAL DRAWING SIZE IS 22 x 34

UTILITY PLAN
DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

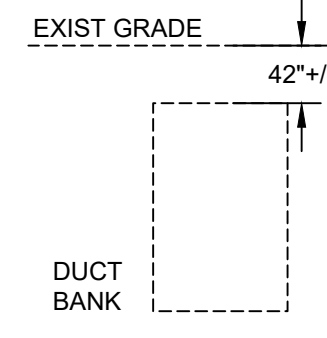
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CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

UTL-04

- UTILITY LEGEND**
- LIMITS OF WORK
 - PROPERTY LINE
 - PROP SANITARY SEWER MAIN
 - PROP SANITARY SEWER LINING (BY OTHERS)
 - PROP GAS MAIN (PER EVERSOURCE)
 - PROP WATER MAIN (PER CT WATER)
 - PROP POWER CONDUIT
 - PROP LOW VOLTAGE CONDUIT
 - PROP HIGH VOLTAGE CONDUIT
 - EXIST SANITARY SEWER MAIN
 - EXIST GAS MAIN
 - EXIST WATER MAIN
 - EXIST ELECTRICAL DUCTBANK
 - EXIST TELECOMMUNICATION DUCTBANK
 - PROP FIRE HYDRANT
 - PROP SANITARY SEWER MANHOLE
 - PROP WATER VALVE (PER CT WATER)
 - TELECOMMUNICATION MANHOLE (PER FRONTIER)
 - ELECTRIC MANHOLE (PER EVERSOURCE)

FRONTIER VAULT #9



EXISTING TELECOMMUNICATION DATA
1. INFORMATION PROVIDED BY FRONTIER RECORD MAPPING AND TEST PIT EXCAVATION

MATCH LINE SEE SHEET UTL-03

MATCH LINE SEE SHEET UTL-05

NOTE: REFER TO DRAINAGE PLAN & PROFILE SHEETS
REFER TO SANITARY PLAN & PROFILE SHEETS

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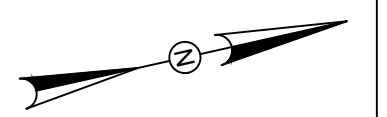
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REVISIONS

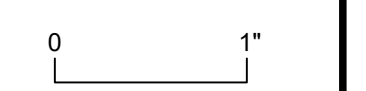
REV	DESCRIPTION	DSN	CHK	DATE

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SCALE VERIFICATION



THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING



IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY



SCALE: 1" = 20' SCALE IN FEET

ORIGINAL DRAWING SIZE IS 22 x 34

UTILITY PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

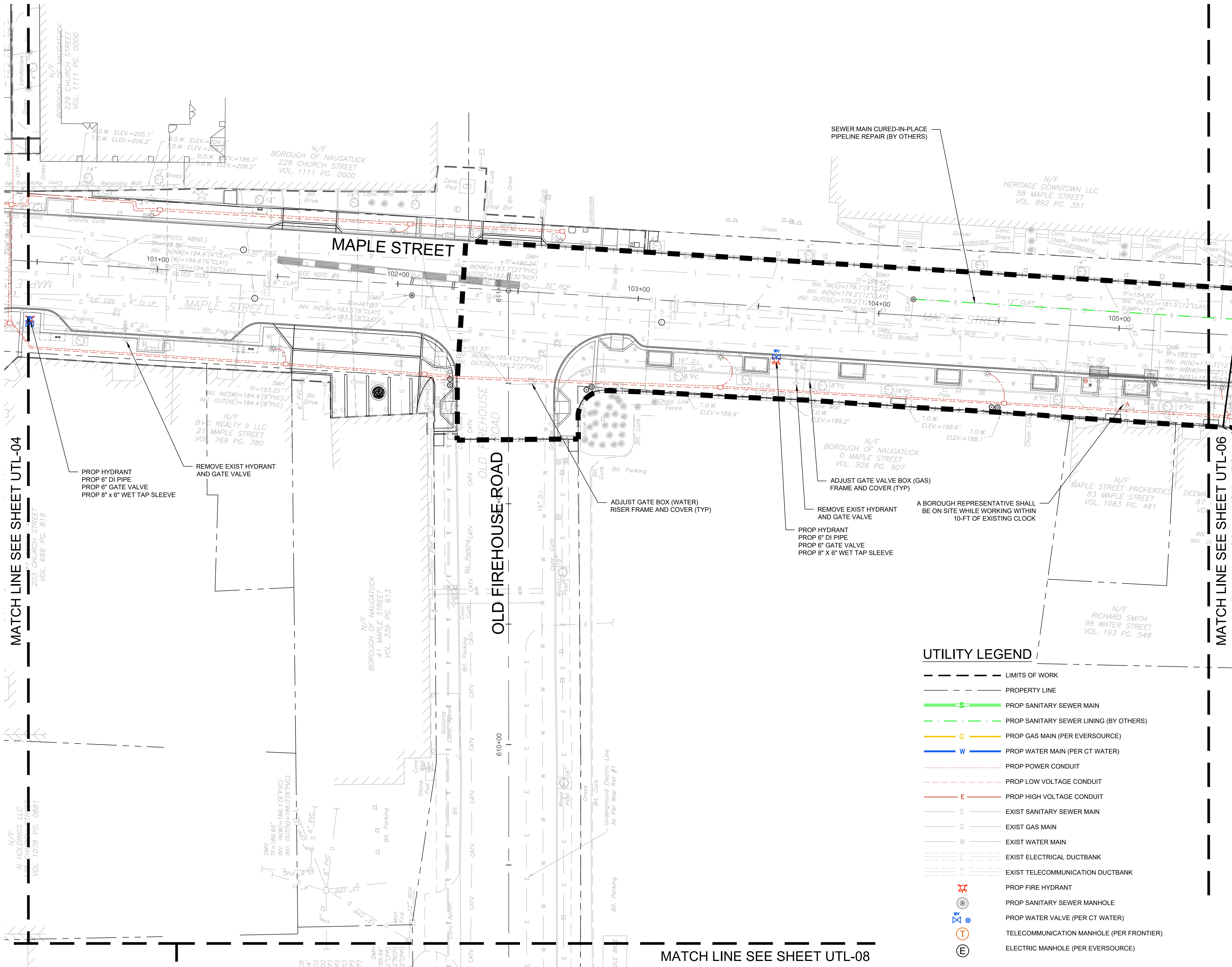


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

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PROJECT NO.	20225069.002A
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CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

UTL-05



UTILITY LEGEND

- LIMITS OF WORK
- PROPERTY LINE
- PROP SANITARY SEWER MAIN
- PROP SANITARY SEWER LINING (BY OTHERS)
- PROP GAS MAIN (PER EVERSOURCE)
- PROP WATER MAIN (PER CT WATER)
- PROP POWER CONDUIT
- PROP LOW VOLTAGE CONDUIT
- PROP HIGH VOLTAGE CONDUIT
- EXIST SANITARY SEWER MAIN
- EXIST GAS MAIN
- EXIST WATER MAIN
- EXIST ELECTRICAL DUCTBANK
- EXIST TELECOMMUNICATION DUCTBANK
- ⊗ PROP FIRE HYDRANT
- ⊙ PROP SANITARY SEWER MANHOLE
- ⊕ PROP WATER VALVE (PER CT WATER)
- ⊗ PROP TELECOMMUNICATION MANHOLE (PER FRONTIER)
- ⊙ PROP ELECTRIC MANHOLE (PER EVERSOURCE)

NOTE: REFER TO DRAINAGE PLAN & PROFILE SHEETS
REFER TO SANITARY PLAN & PROFILE SHEETS

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 LAYOUT: UTL-05



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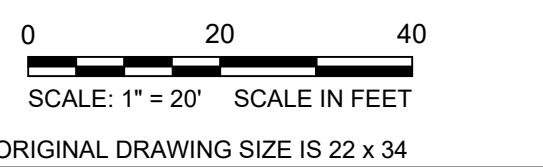
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ISSUED FOR CONSTRUCTION

SCALE VERIFICATION

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UTILITY PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

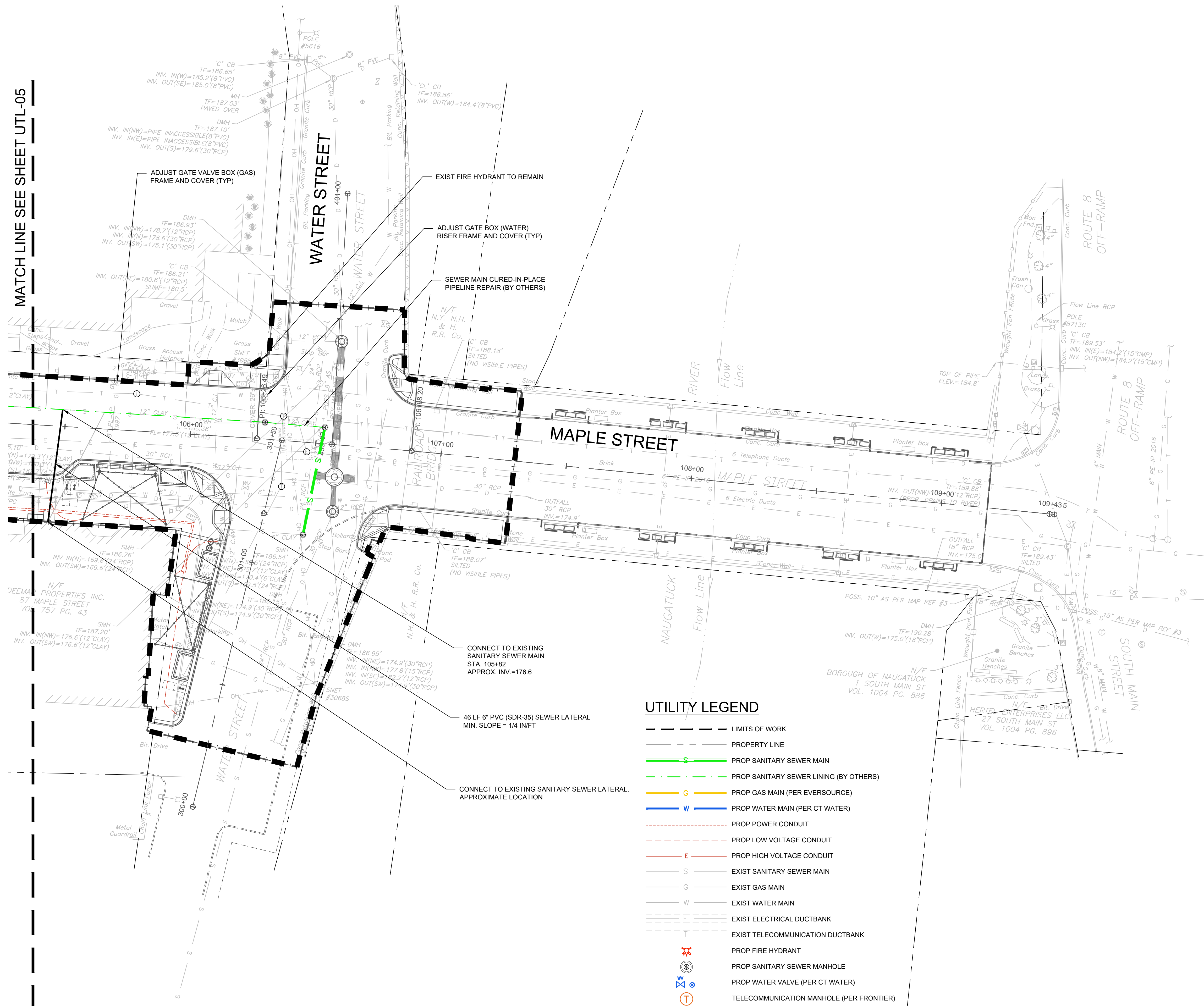
ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

UTL-06

NOTE: REFER TO DRAINAGE PLAN & PROFILE SHEETS
REFER TO SANITARY PLAN & PROFILE SHEETS

MATCH LINE SEE SHEET UTL-05



UTILITY LEGEND

	LIMITS OF WORK
	PROPERTY LINE
	PROP SANITARY SEWER MAIN
	PROP SANITARY SEWER LINING (BY OTHERS)
	PROP GAS MAIN (PER EVERSOURCE)
	PROP WATER MAIN (PER CT WATER)
	PROP POWER CONDUIT
	PROP LOW VOLTAGE CONDUIT
	PROP HIGH VOLTAGE CONDUIT
	EXIST SANITARY SEWER MAIN
	EXIST GAS MAIN
	EXIST WATER MAIN
	EXIST ELECTRICAL DUCTBANK
	EXIST TELECOMMUNICATION DUCTBANK
	PROP FIRE HYDRANT
	PROP SANITARY SEWER MANHOLE
	PROP WATER VALVE (PER CT WATER)
	TELECOMMUNICATION MANHOLE (PER FRONTIER)

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REV	DESCRIPTION	DSN	CHK	DATE

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SCALE: 1" = 20' SCALE IN FEET
ORIGINAL DRAWING SIZE IS 22 x 34

IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

UTILITY PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



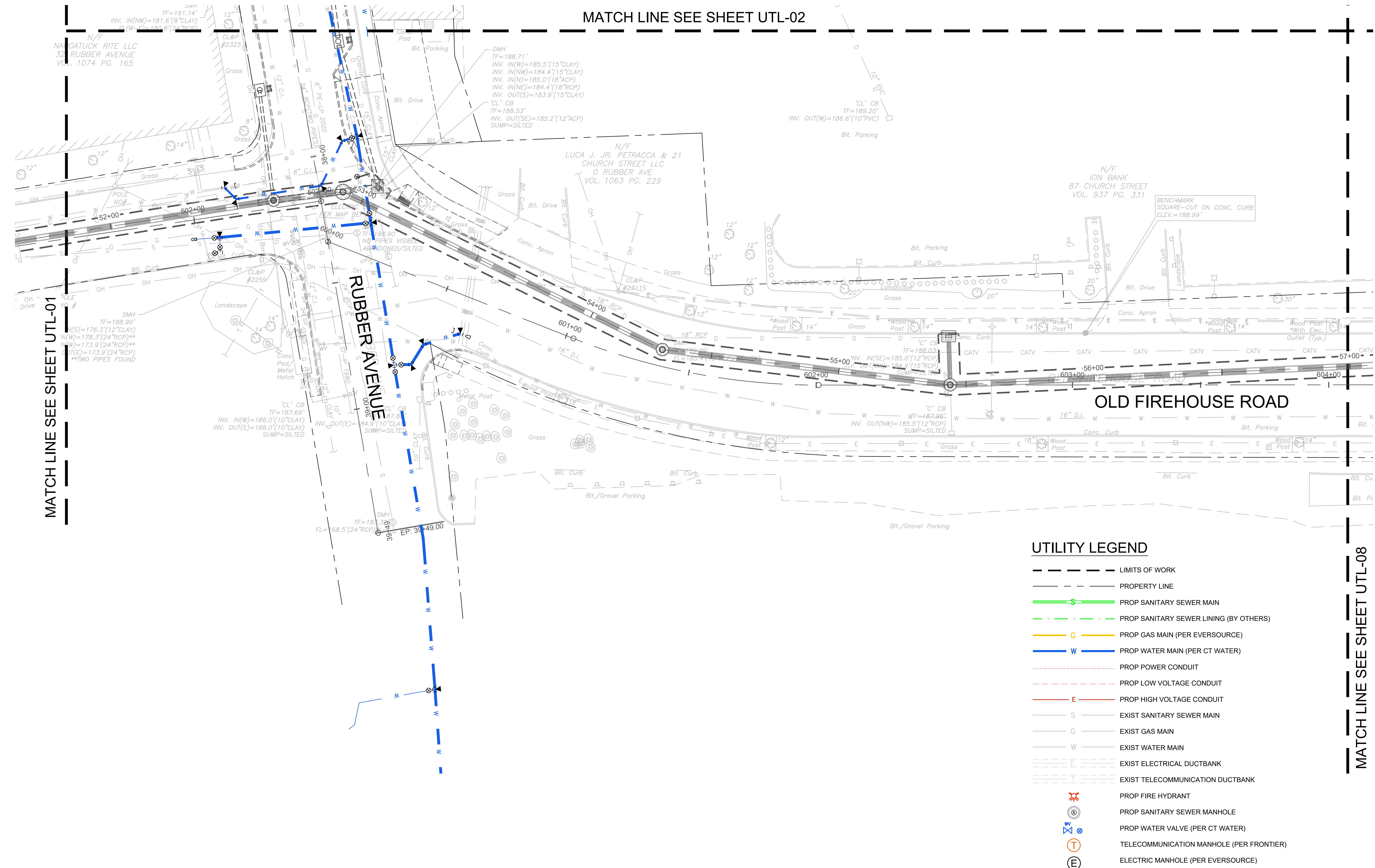
BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
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DRAWN BY	J.PERKINS
CHECKED BY	P.KING
APPROVED BY	N.KULIKAUSKAS

UTL-07

NOTE: REFER TO DRAINAGE PLAN & PROFILE SHEETS
REFER TO SANITARY PLAN & PROFILE SHEETS



UTILITY LEGEND

- LIMITS OF WORK
- PROPERTY LINE
- PROP SANITARY SEWER MAIN
- PROP SANITARY SEWER LINING (BY OTHERS)
- PROP GAS MAIN (PER EVERSOURCE)
- PROP WATER MAIN (PER CT WATER)
- PROP POWER CONDUIT
- PROP LOW VOLTAGE CONDUIT
- PROP HIGH VOLTAGE CONDUIT
- EXIST SANITARY SEWER MAIN
- EXIST GAS MAIN
- EXIST WATER MAIN
- EXIST ELECTRICAL DUCTBANK
- EXIST TELECOMMUNICATION DUCTBANK
- ⊗ PROP FIRE HYDRANT
- ⊙ PROP SANITARY SEWER MANHOLE
- ⊕ PROP WATER VALVE (PER CT WATER)
- Ⓣ TELECOMMUNICATION MANHOLE (PER FRONTIER)
- ⓔ ELECTRIC MANHOLE (PER EVERSOURCE)

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 LAYOUT: UTL-07



DRAWING ISSUE

REV	DESCRIPTION	DATE

REVISIONS

REV	DESCRIPTION	DSN	CHK	APP	DATE

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SCALE VERIFICATION

THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING

IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

0 20 40
SCALE: 1" = 20' SCALE IN FEET
ORIGINAL DRAWING SIZE IS 22 x 34

UTILITY PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



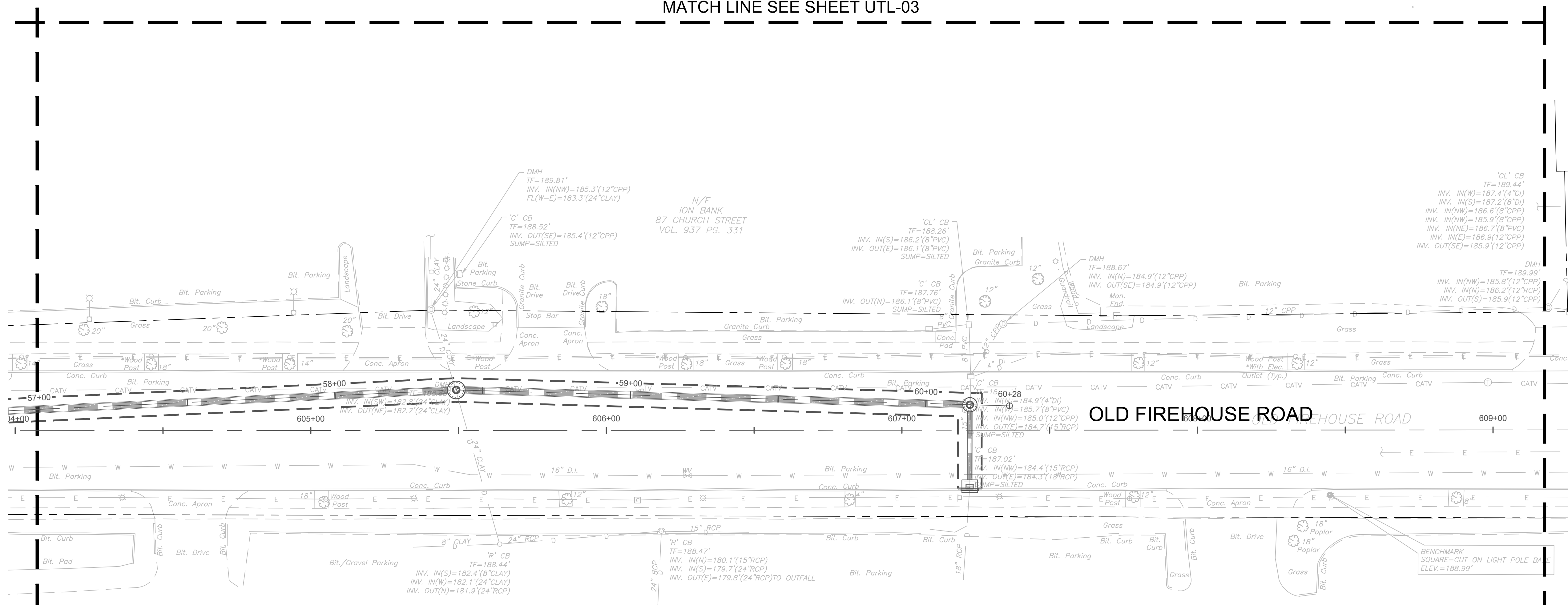
BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P.KING
APPROVED BY	N.KULIKAUSKAS

UTL-08

MATCH LINE SEE SHEET UTL-03



UTILITY LEGEND

- LIMITS OF WORK
- - - PROPERTY LINE
- PROP SANITARY SEWER MAIN
- - - PROP SANITARY SEWER LINING (BY OTHERS)
- PROP GAS MAIN (PER EVERSOURCE)
- PROP WATER MAIN (PER CT WATER)
- - - PROP POWER CONDUIT
- - - PROP LOW VOLTAGE CONDUIT
- PROP HIGH VOLTAGE CONDUIT
- EXIST SANITARY SEWER MAIN
- EXIST GAS MAIN
- EXIST WATER MAIN
- - - EXIST ELECTRICAL DUCTBANK
- - - EXIST TELECOMMUNICATION DUCTBANK
- ⊕ PROP FIRE HYDRANT
- ⊙ PROP SANITARY SEWER MANHOLE
- ⊕ PROP WATER VALVE (PER CT WATER)
- ⊙ TELECOMMUNICATION MANHOLE (PER FRONTIER)
- ⊙ ELECTRIC MANHOLE (PER EVERSOURCE)

NOTE: REFER TO DRAINAGE PLAN & PROFILE SHEETS
REFER TO SANITARY PLAN & PROFILE SHEETS

PLOTTED: 03/02/2023 11:36 AM BY: IZBY.NORIS
CAD FILE: C:\pwworking\kleinfelder\project\20225069\UTL_20225069_KLE_Library_Plan.dwg LAYOUT: UTL-08

MATCH LINE SEE SHEET UTL-07

MATCH LINE SEE SHEET UTL-05

LANDSCAPE ARCHITECT

Richter & Cegan Inc.

88 CANAL COURT P.O. BOX 567
AVON, CT 06001
PHONE: 860-678-0669
CONTACT NAME: Gary Guimond
EMAIL: gguimond@richtercegan.com



DRAWING ISSUE

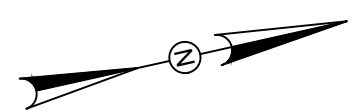
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REVISIONS

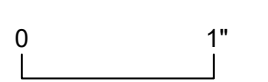
REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION



THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING



IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

0 80 160

SCALE: 1" = 80' SCALE IN FEET

ORIGINAL DRAWING SIZE IS 22 x 34

OVERALL SANITARY SEWER REPLACEMENT PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK

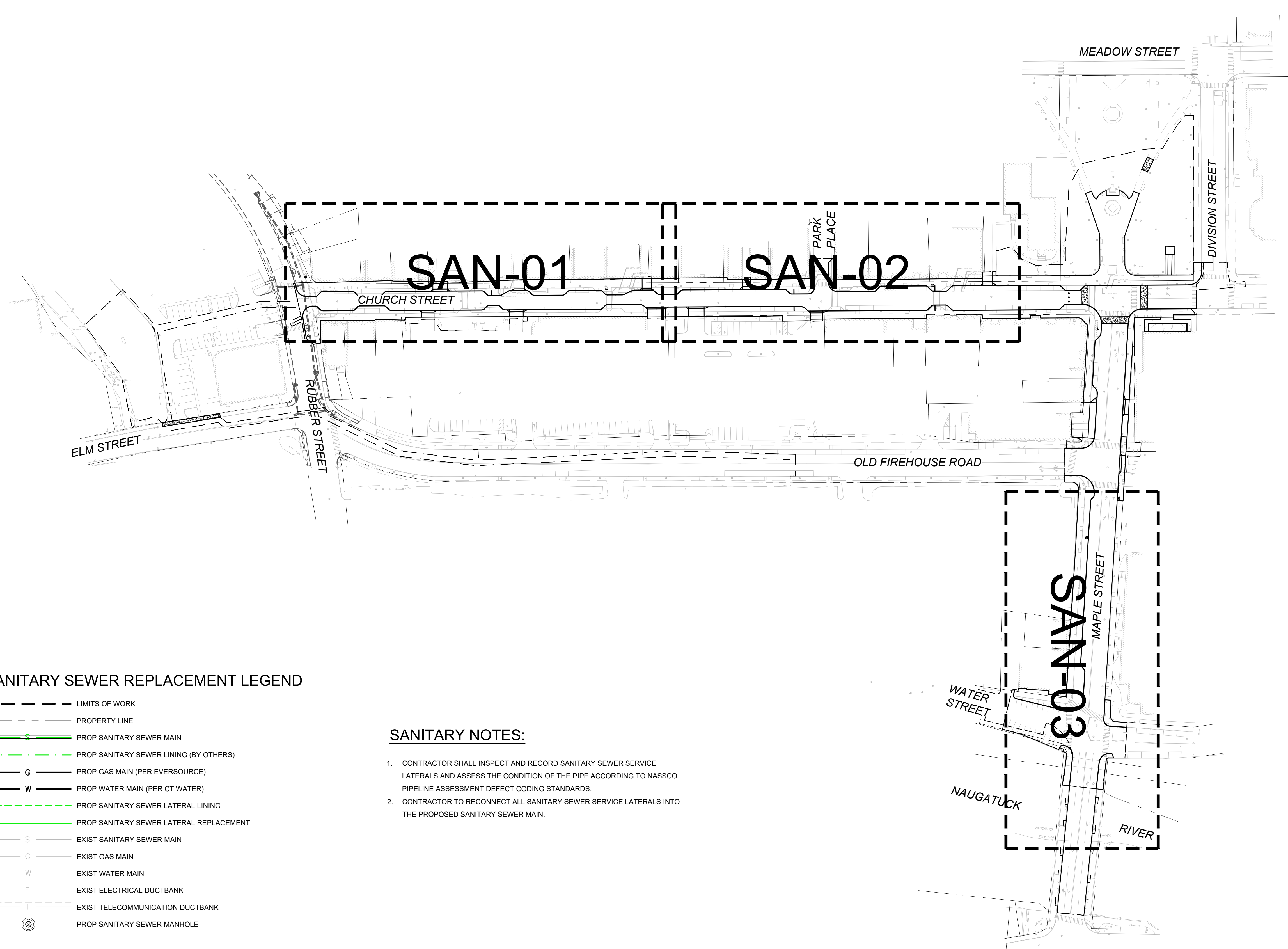


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

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CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

SAN-00



SANITARY SEWER REPLACEMENT LEGEND

- LIMITS OF WORK
- - - PROPERTY LINE
- PROP SANITARY SEWER MAIN
- . - . PROP SANITARY SEWER LINING (BY OTHERS)
- G --- PROP GAS MAIN (PER EVERSOURCE)
- W --- PROP WATER MAIN (PER CT WATER)
- PROP SANITARY SEWER LATERAL LINING
- PROP SANITARY SEWER LATERAL REPLACEMENT
- S --- EXIST SANITARY SEWER MAIN
- G --- EXIST GAS MAIN
- W --- EXIST WATER MAIN
- E --- EXIST ELECTRICAL DUCTBANK
- T --- EXIST TELECOMMUNICATION DUCTBANK
- ⊙ PROP SANITARY SEWER MANHOLE

SANITARY NOTES:

- CONTRACTOR SHALL INSPECT AND RECORD SANITARY SEWER SERVICE LATERALS AND ASSESS THE CONDITION OF THE PIPE ACCORDING TO NASSCO PIPELINE ASSESSMENT DEFECT CODING STANDARDS.
- CONTRACTOR TO RECONNECT ALL SANITARY SEWER SERVICE LATERALS INTO THE PROPOSED SANITARY SEWER MAIN.



DRAWING ISSUE		
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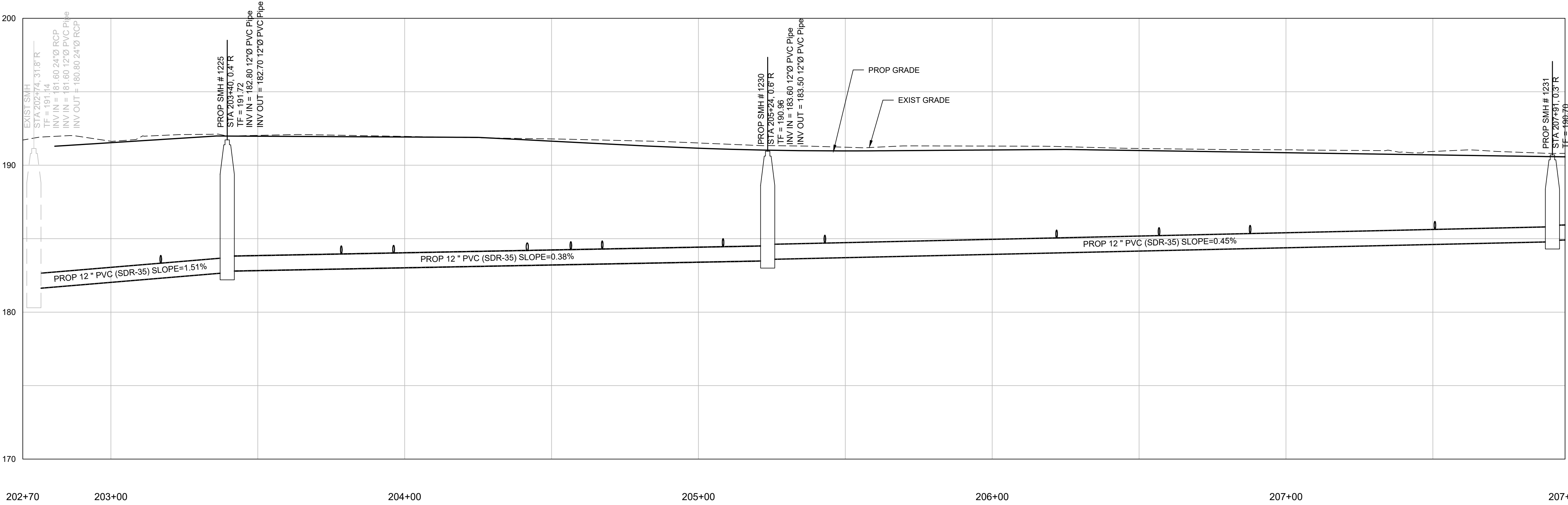
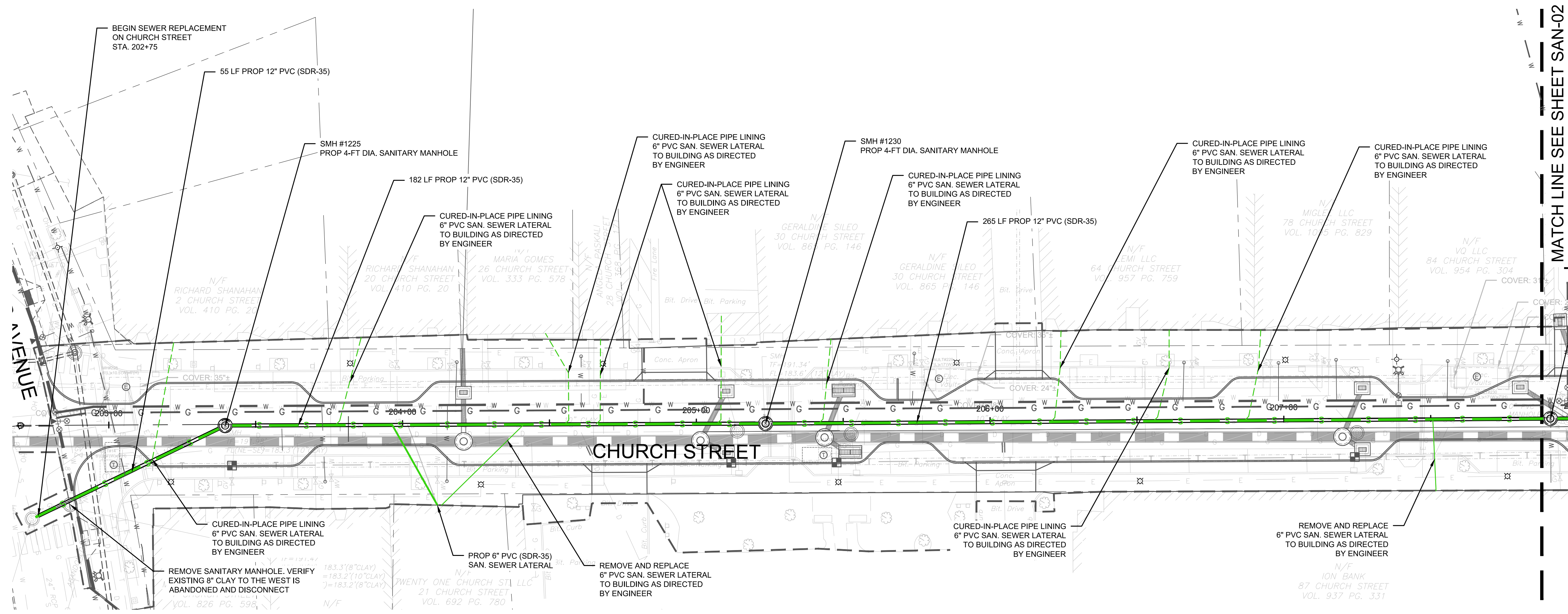
SCALE: 1" = 20' SCALE IN FEET
ORIGINAL DRAWING SIZE IS 22 x 34

SANITARY SEWER REPLACEMENT
DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK

BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

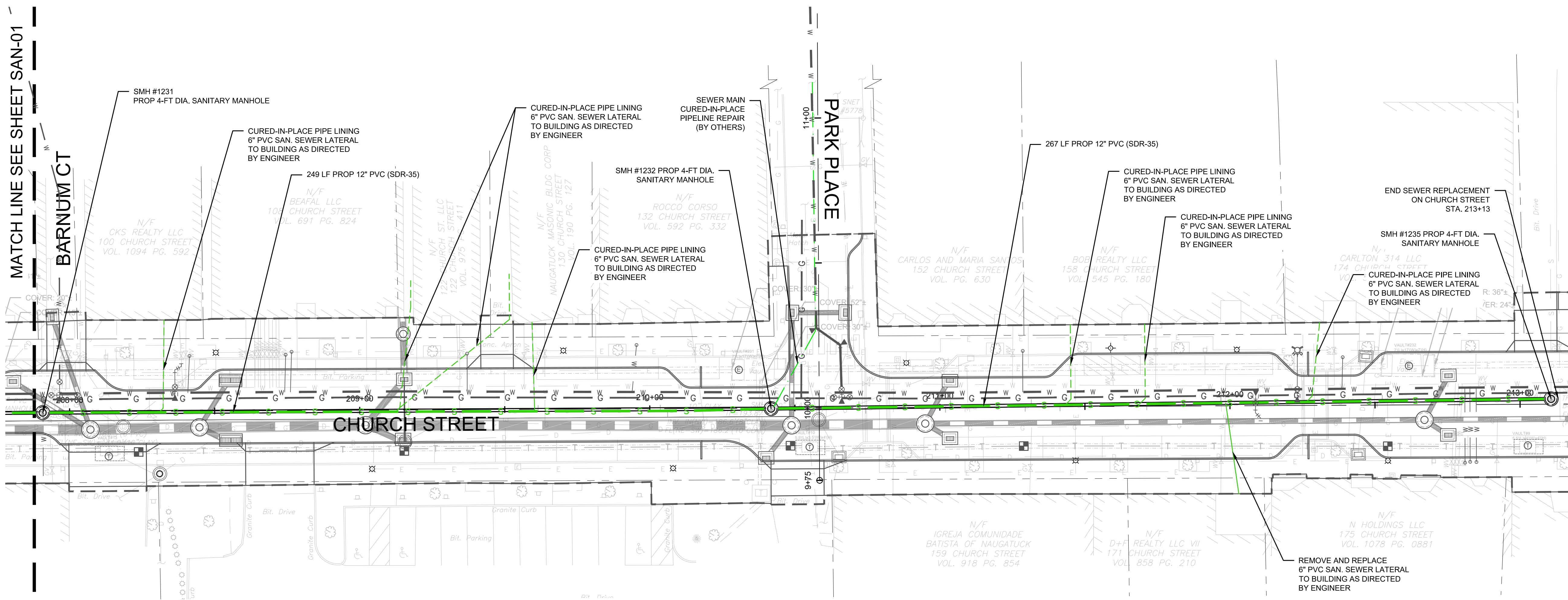
ISSUED FOR CONSTRUCTION	
PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

SAN-01

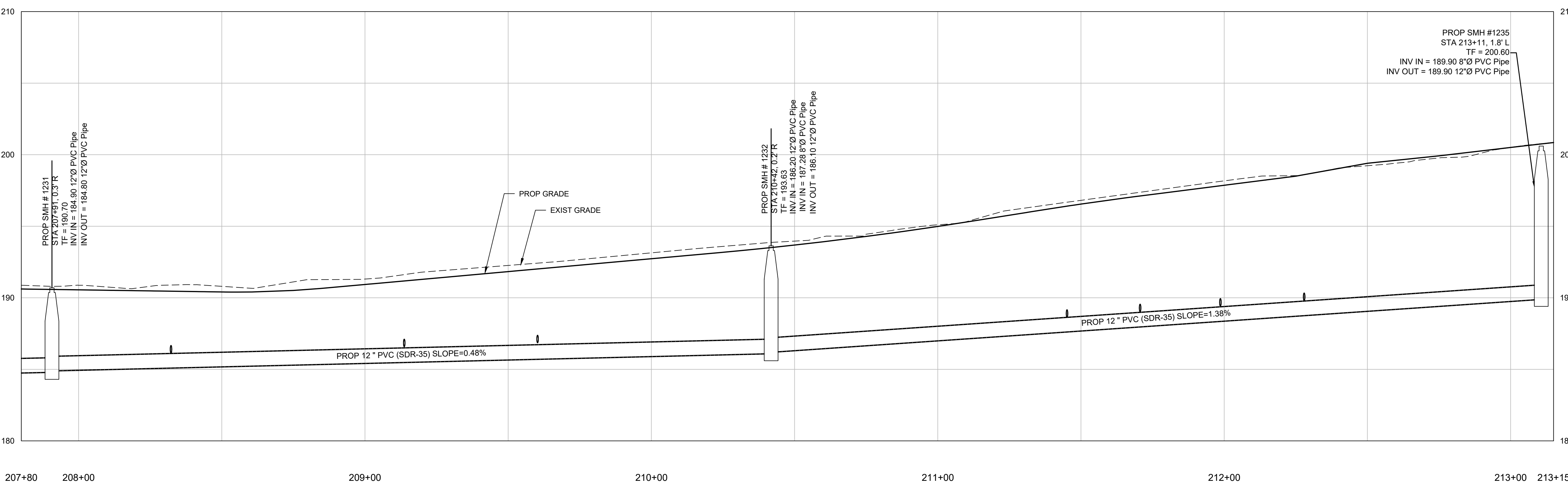


MATCH LINE SEE SHEET SAN-02

CAD FILE: C:\pwworking\kleinfelder\proj\01\units\kif_ssr\Replacement.dwg LAYOUT: SAN-01 PLOTTED: 6/30/2023 11:28 AM BY: lizzy.rantz



PLAN
SCALE: 1"=20'



PROFILE
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'

DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

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SANITARY SEWER REPLACEMENT
DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

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DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

SAN-02

CAD FILE: C:\pwworking\kleinfelder\proj\11\mtr\20225069_KLF_SSR\Replacement.dwg LAYOUT: SAN-02 PLOTTED: 6/30/2023 11:20 AM BY: lizzy.norris



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REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

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0 80 160
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OVERALL SIGNAGE AND PAVEMENT MARKING PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

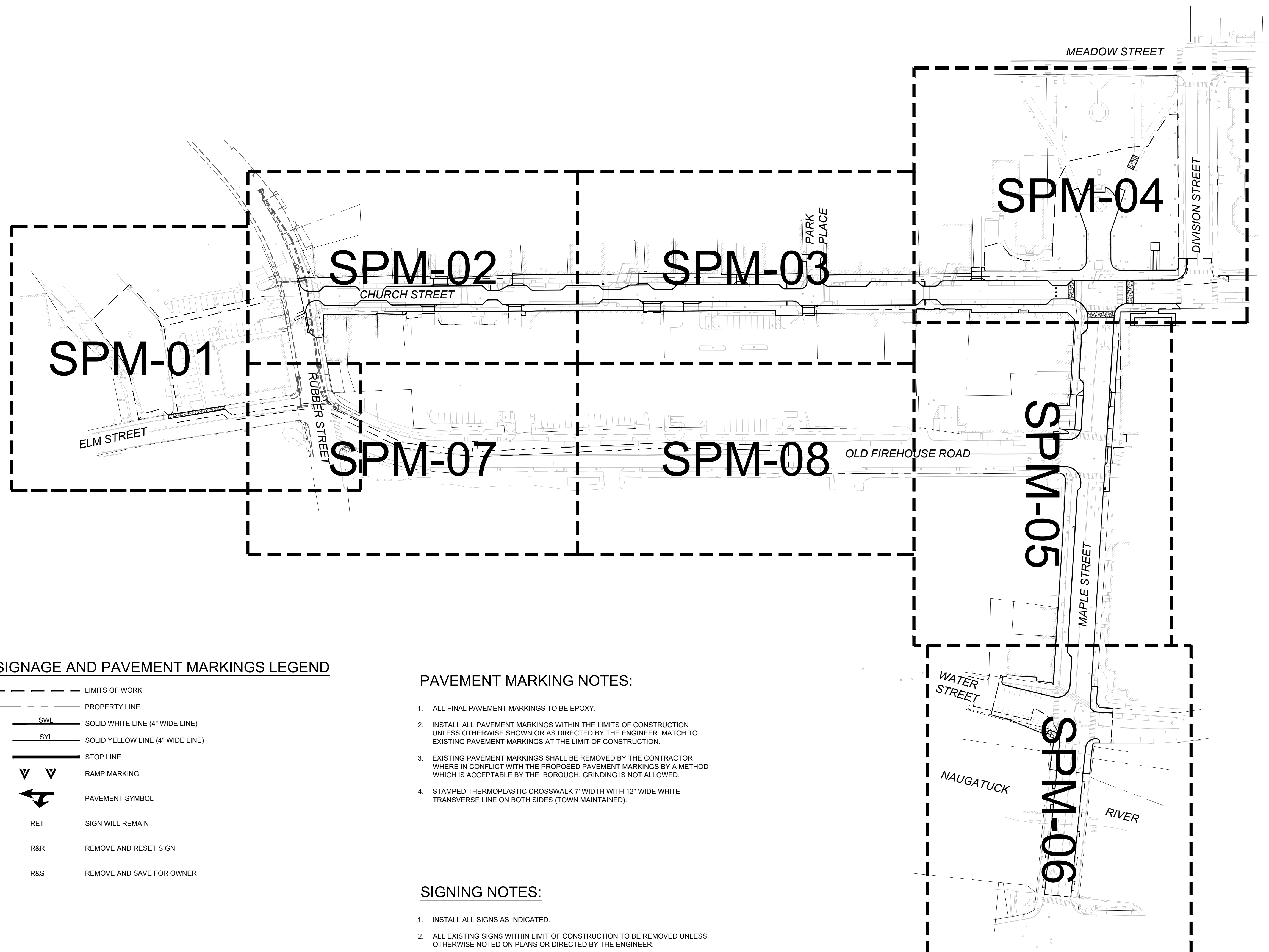


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

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DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

SPM-00



SIGNAGE AND PAVEMENT MARKINGS LEGEND

- LIMITS OF WORK
- - - PROPERTY LINE
- SWL SOLID WHITE LINE (4" WIDE LINE)
- SYL SOLID YELLOW LINE (4" WIDE LINE)
- STOP LINE
- ∇ ∇ RAMP MARKING
- ↔ PAVEMENT SYMBOL
- RET SIGN WILL REMAIN
- R&R REMOVE AND RESET SIGN
- R&S REMOVE AND SAVE FOR OWNER

PAVEMENT MARKING NOTES:

- ALL FINAL PAVEMENT MARKINGS TO BE EPOXY.
- INSTALL ALL PAVEMENT MARKINGS WITHIN THE LIMITS OF CONSTRUCTION UNLESS OTHERWISE SHOWN OR AS DIRECTED BY THE ENGINEER. MATCH TO EXISTING PAVEMENT MARKINGS AT THE LIMIT OF CONSTRUCTION.
- EXISTING PAVEMENT MARKINGS SHALL BE REMOVED BY THE CONTRACTOR WHERE IN CONFLICT WITH THE PROPOSED PAVEMENT MARKINGS BY A METHOD WHICH IS ACCEPTABLE BY THE BOROUGH. GRINDING IS NOT ALLOWED.
- STAMPED THERMOPLASTIC CROSSWALK 7' WIDTH WITH 12" WIDE WHITE TRANSVERSE LINE ON BOTH SIDES (TOWN MAINTAINED).

SIGNING NOTES:

- INSTALL ALL SIGNS AS INDICATED.
- ALL EXISTING SIGNS WITHIN LIMIT OF CONSTRUCTION TO BE REMOVED UNLESS OTHERWISE NOTED ON PLANS OR DIRECTED BY THE ENGINEER.
- ALL EXISTING SIGNS OUTSIDE THE LIMIT OF CONSTRUCTION TO REMAIN UNLESS OTHERWISE NOTED ON PLANS OR DIRECTED BY THE ENGINEER.
- EXACT SIGN LOCATIONS TO BE DETERMINED IN THE FIELD.
- WHEN A SIGN IS TO BE REPLACED, THE EXISTING SIGN SHOULD NOT BE REMOVED UNTIL THE NEW REPLACEMENT SIGN IS INSTALLED.

CAD FILE: C:\pwworking\kleinfelder\proj\20225069\KLE_SPM_00_Layout.dwg LAYOUT: SPM-00 PLOTTED: 6/30/2023 10:08 AM BY: kenneth.madsen



DRAWING ISSUE

REV	DESCRIPTION	DATE

REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

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0 20 40
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SIGNAGE & PAVEMENT MARKINGS PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK

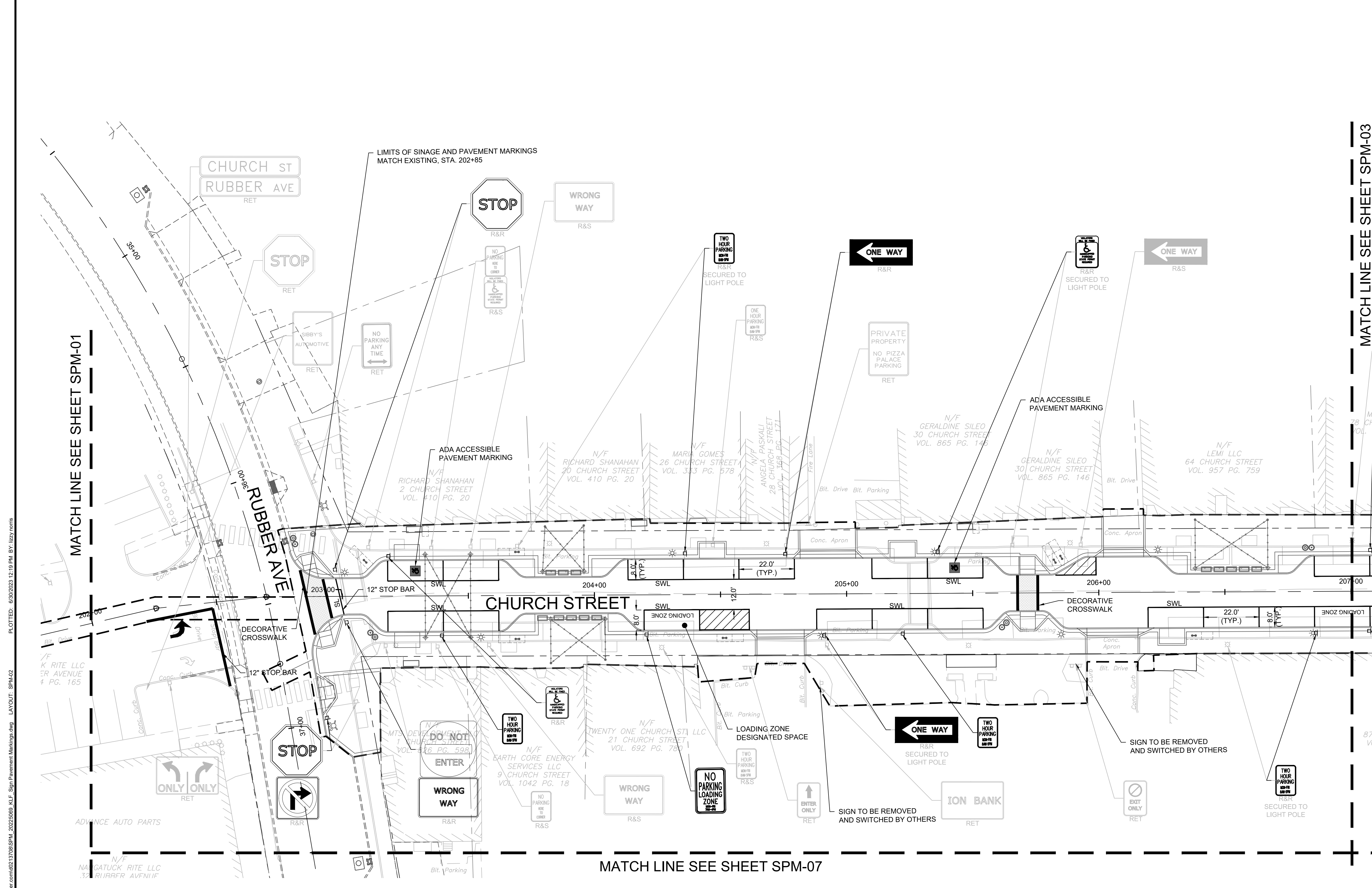


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

SPM-02

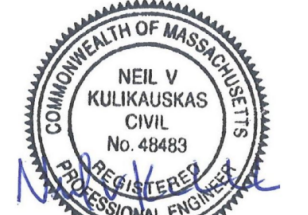


MATCH LINE SEE SHEET SPM-01

MATCH LINE SEE SHEET SPM-03

MATCH LINE SEE SHEET SPM-07

CAD FILE: C:\pwworking\kleinfelder\proj\20225069\KLF_Sign Pavement Markings.dwg LAYOUT: SPM-02 PLOTTED: 6/30/2023 12:19 PM BY: lizzy.norris



DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
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0 20 40
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SIGNAGE & PAVEMENT MARKINGS PLAN

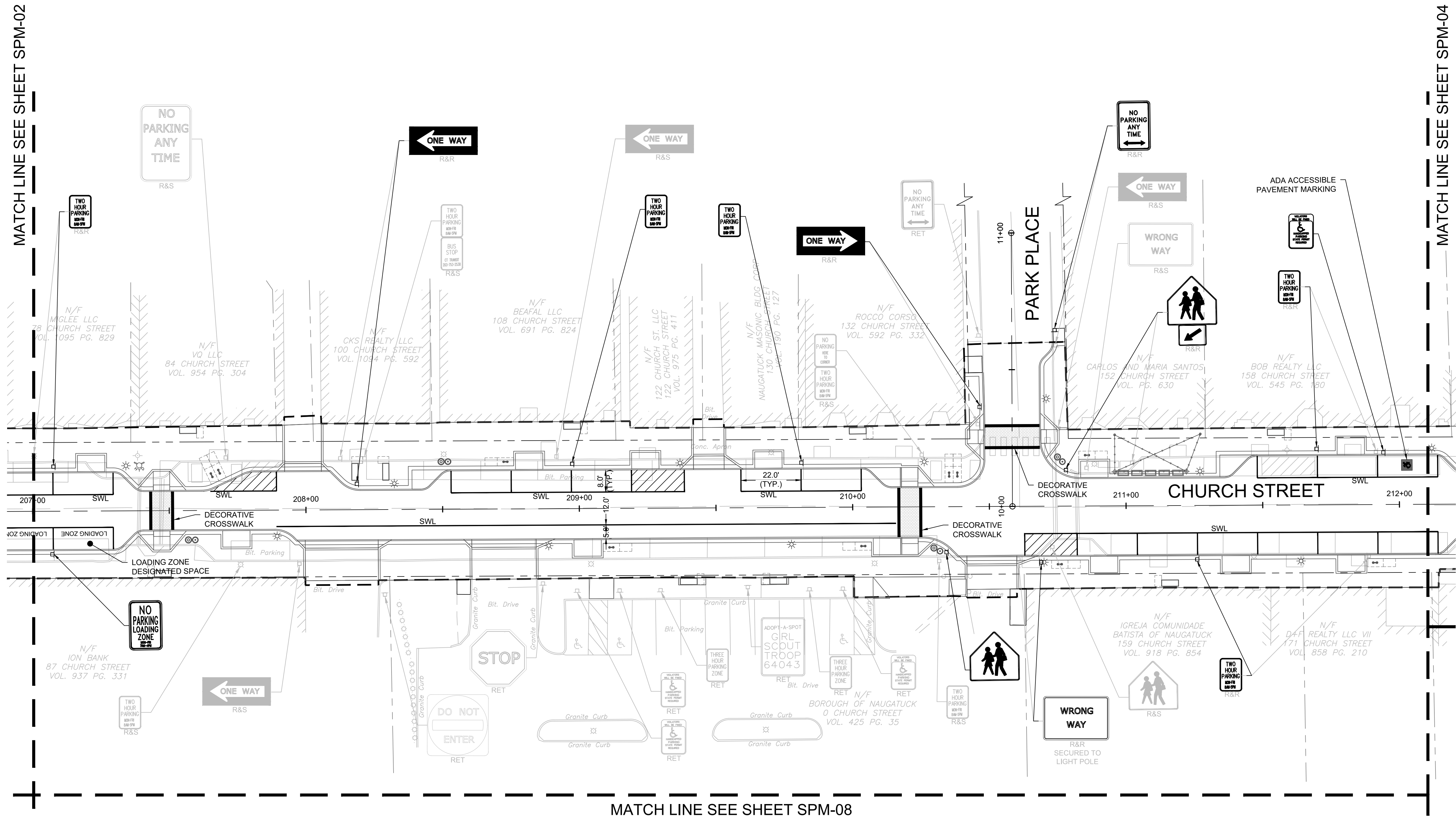
DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A	SPM-03
ISSUE DATE	06/30/2023	
CURRENT REVISION	IFC	
DESIGNED BY	K.VIOLETTE	
DRAWN BY	J.PERKINS	
CHECKED BY	P. KING	
APPROVED BY	N.KULIKAUSKAS	



CAD FILE: C:\pwworking\kleinfelder\proj\2022\5069\KLF_Sign Pavement Markings.dwg LAYOUT: SPM-03 PLOTTED: 6/30/2023 12:19 PM BY: lizy.norris



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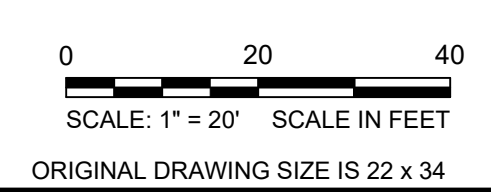
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REV	DESCRIPTION	DSN	CHK	DATE

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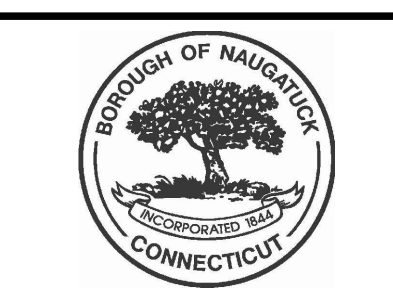
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SIGNAGE & PAVEMENT MARKINGS PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

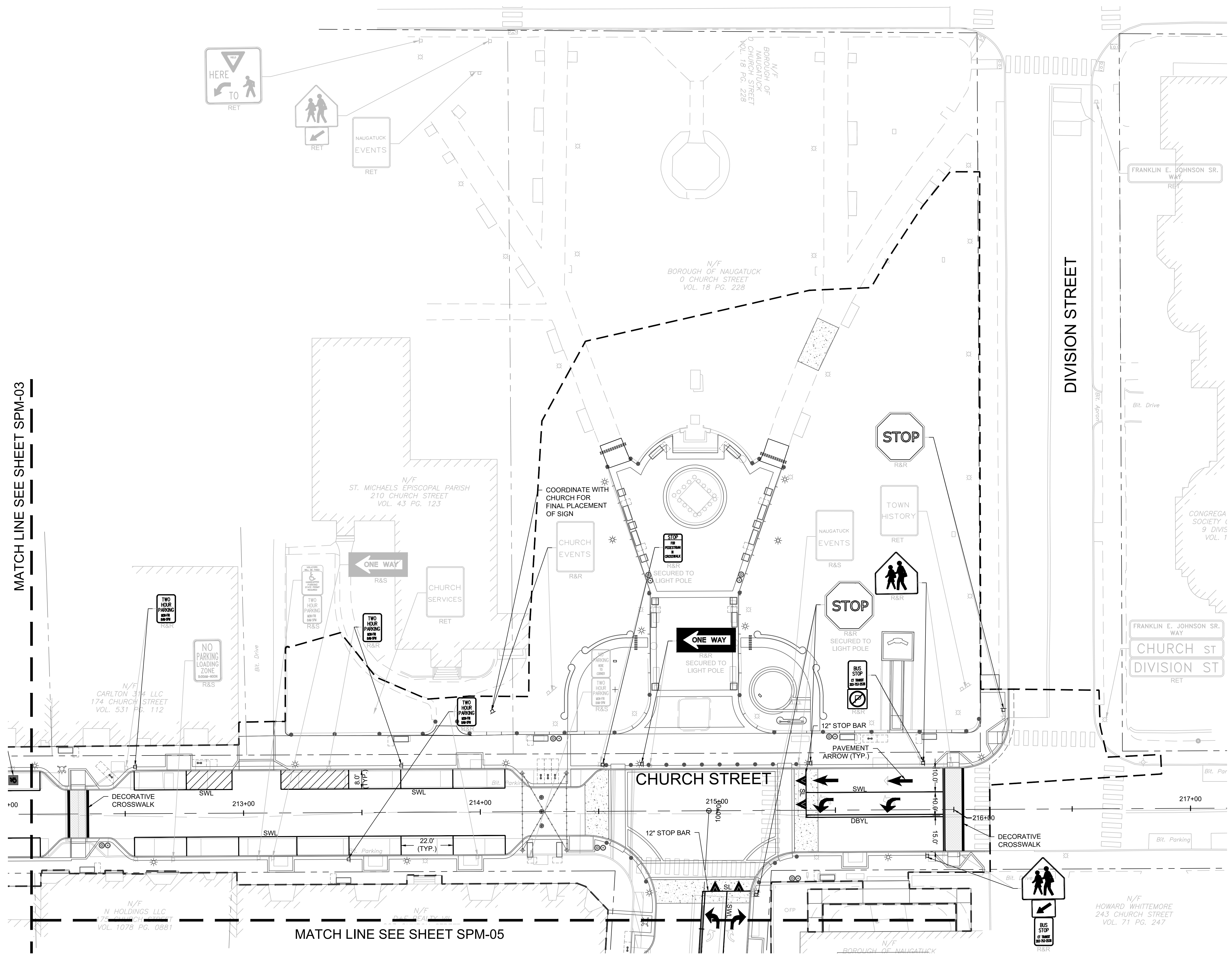


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

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CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

SPM-04



MATCH LINE SEE SHEET SPM-03

MATCH LINE SEE SHEET SPM-05

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DRAWING ISSUE

REV	DESCRIPTION	DATE

REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION

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SIGNAGE & PAVEMENT MARKINGS PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK

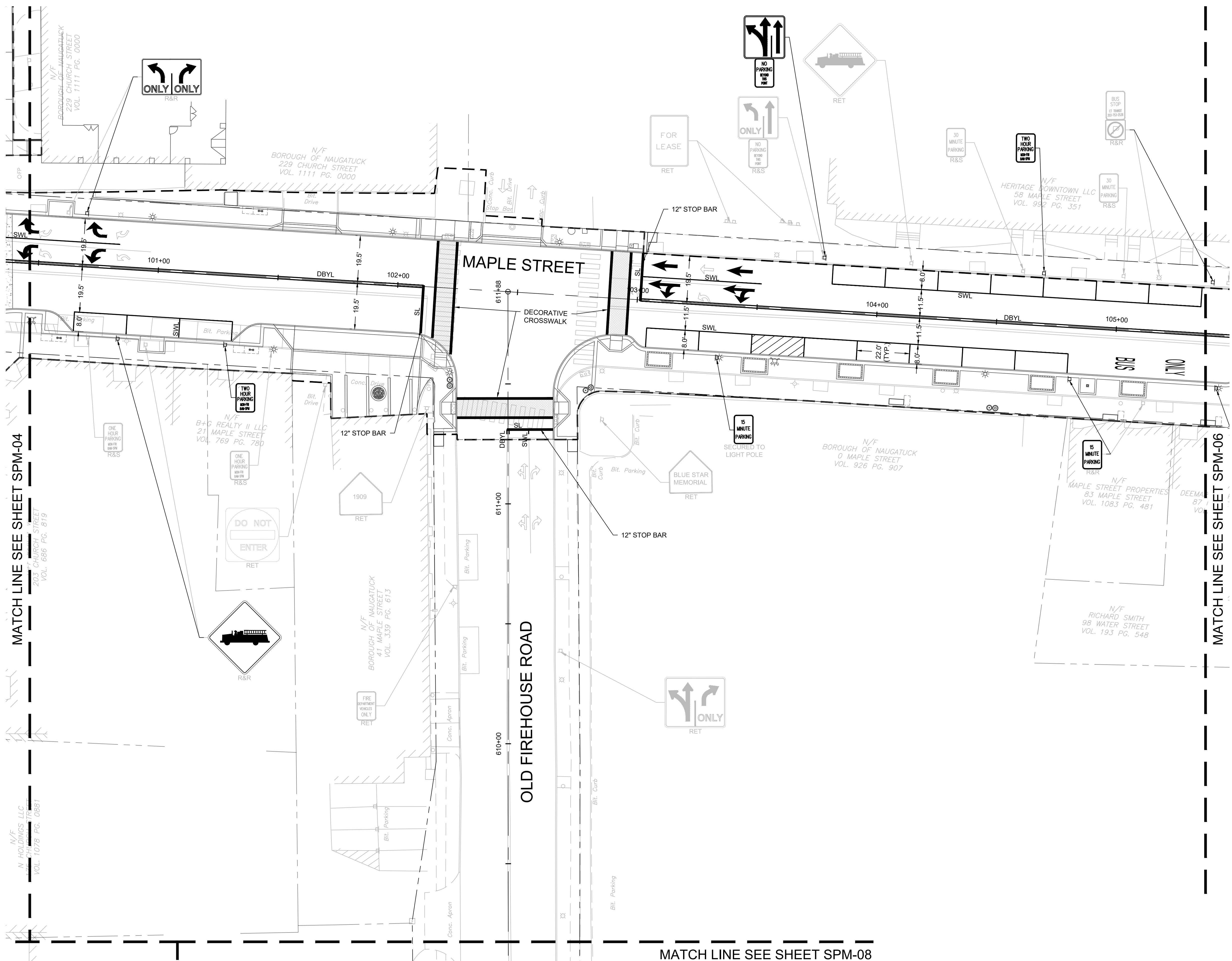


BOROUGH OF NAUGATUCK
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CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

SPM-05



MATCH LINE SEE SHEET SPM-04

MATCH LINE SEE SHEET SPM-06

MATCH LINE SEE SHEET SPM-08



DRAWING ISSUE

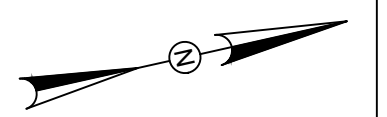
REV	DESCRIPTION	DATE

REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

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SCALE VERIFICATION



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0 20 40
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BOROUGH OF NAUGATUCK

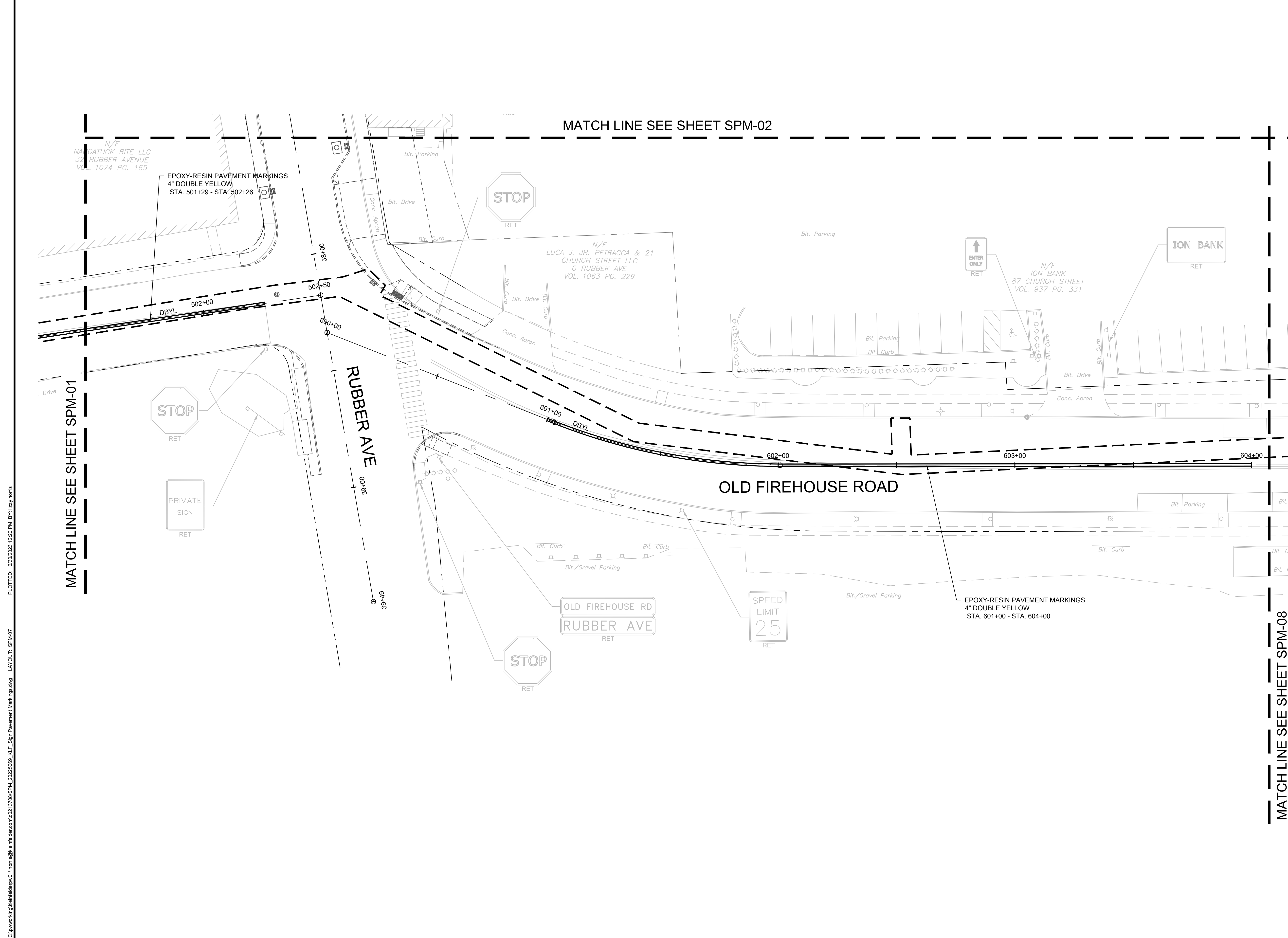


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SPM-07



MATCH LINE SEE SHEET SPM-02

MATCH LINE SEE SHEET SPM-01

MATCH LINE SEE SHEET SPM-08

CAD FILE: C:\pwworking\kleinfelder\proj\2022\SPM_20225069_KLF_Sign Pavement Markings.dwg LAYOUT: SPM-07 PLOTTED: 6/30/2023 12:20 PM BY: lizzy.norris



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ISSUED FOR CONSTRUCTION

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IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

0 60 120
SCALE: 1" = 60' SCALE IN FEET

ORIGINAL DRAWING SIZE IS 22 x 34

SUGGESTED CONSTRUCTION SEQUENCING PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

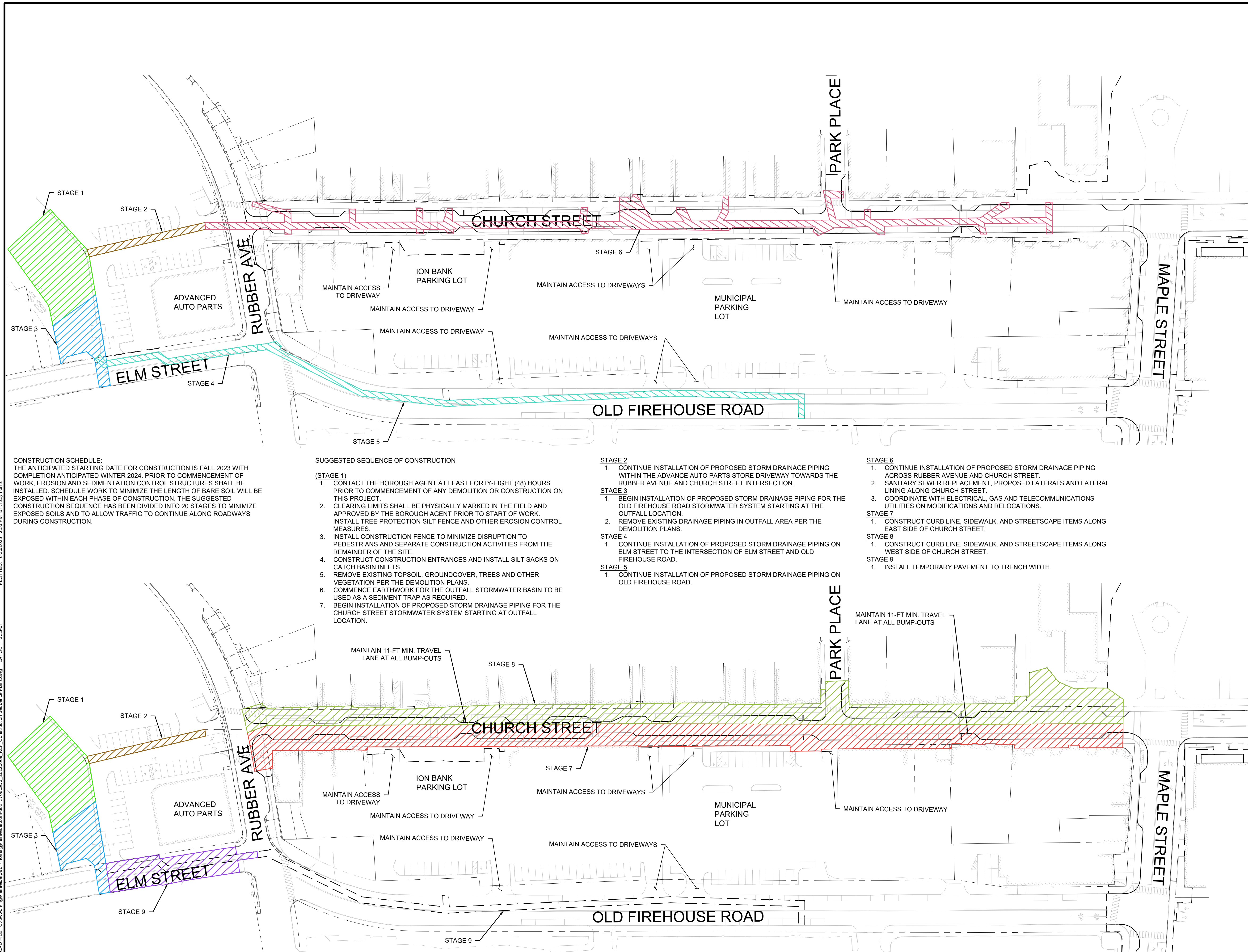


BOROUGH OF NAUGATUCK
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APPROVED BY	N.KULIKAUSKAS

SCS-01



CONSTRUCTION SCHEDULE:
THE ANTICIPATED STARTING DATE FOR CONSTRUCTION IS FALL 2023 WITH COMPLETION ANTICIPATED WINTER 2024. PRIOR TO COMMENCEMENT OF WORK, EROSION AND SEDIMENTATION CONTROL STRUCTURES SHALL BE INSTALLED. SCHEDULE WORK TO MINIMIZE THE LENGTH OF BARE SOIL WILL BE EXPOSED WITHIN EACH PHASE OF CONSTRUCTION. THE SUGGESTED CONSTRUCTION SEQUENCE HAS BEEN DIVIDED INTO 20 STAGES TO MINIMIZE EXPOSED SOILS AND TO ALLOW TRAFFIC TO CONTINUE ALONG ROADWAYS DURING CONSTRUCTION.

SUGGESTED SEQUENCE OF CONSTRUCTION

(STAGE 1)

- CONTACT THE BOROUGH AGENT AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY DEMOLITION OR CONSTRUCTION ON THIS PROJECT.
- CLEARING LIMITS SHALL BE PHYSICALLY MARKED IN THE FIELD AND APPROVED BY THE BOROUGH AGENT PRIOR TO START OF WORK. INSTALL TREE PROTECTION SILT FENCE AND OTHER EROSION CONTROL MEASURES.
- INSTALL CONSTRUCTION FENCE TO MINIMIZE DISRUPTION TO PEDESTRIANS AND SEPARATE CONSTRUCTION ACTIVITIES FROM THE REMAINDER OF THE SITE.
- CONSTRUCT CONSTRUCTION ENTRANCES AND INSTALL SILT SACKS ON CATCH BASIN INLETS.
- REMOVE EXISTING TOPSOIL, GROUND COVER, TREES AND OTHER VEGETATION PER THE DEMOLITION PLANS.
- COMMENCE EARTHWORK FOR THE OUTFALL STORMWATER BASIN TO BE USED AS A SEDIMENT TRAP AS REQUIRED.
- BEGIN INSTALLATION OF PROPOSED STORM DRAINAGE PIPING FOR THE CHURCH STREET STORMWATER SYSTEM STARTING AT OUTFALL LOCATION.

STAGE 2

- CONTINUE INSTALLATION OF PROPOSED STORM DRAINAGE PIPING WITHIN THE ADVANCE AUTO PARTS STORE DRIVEWAY TOWARDS THE RUBBER AVENUE AND CHURCH STREET INTERSECTION.

STAGE 3

- BEGIN INSTALLATION OF PROPOSED STORM DRAINAGE PIPING FOR THE OLD FIREHOUSE ROAD STORMWATER SYSTEM STARTING AT THE OUTFALL LOCATION.
- REMOVE EXISTING DRAINAGE PIPING IN OUTFALL AREA PER THE DEMOLITION PLANS.

STAGE 4

- CONTINUE INSTALLATION OF PROPOSED STORM DRAINAGE PIPING ON ELM STREET TO THE INTERSECTION OF ELM STREET AND OLD FIREHOUSE ROAD.

STAGE 5

- CONTINUE INSTALLATION OF PROPOSED STORM DRAINAGE PIPING ON OLD FIREHOUSE ROAD.

STAGE 6

- CONTINUE INSTALLATION OF PROPOSED STORM DRAINAGE PIPING ACROSS RUBBER AVENUE AND CHURCH STREET.
- SANITARY SEWER REPLACEMENT, PROPOSED LATERALS AND LATERAL LINING ALONG CHURCH STREET.
- COORDINATE WITH ELECTRICAL, GAS AND TELECOMMUNICATIONS UTILITIES ON MODIFICATIONS AND RELOCATIONS.

STAGE 7

- CONSTRUCT CURB LINE, SIDEWALK, AND STREETSCAPE ITEMS ALONG EAST SIDE OF CHURCH STREET.

STAGE 8

- CONSTRUCT CURB LINE, SIDEWALK, AND STREETSCAPE ITEMS ALONG WEST SIDE OF CHURCH STREET.

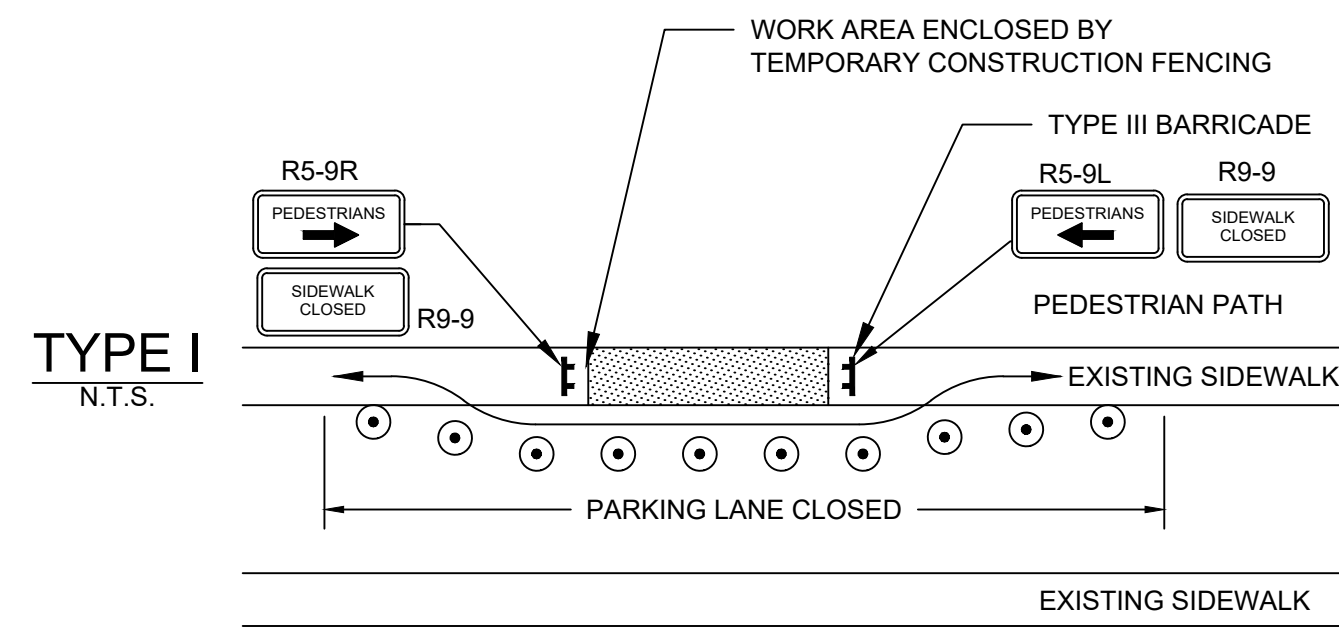
STAGE 9

- INSTALL TEMPORARY PAVEMENT TO TRENCH WIDTH.

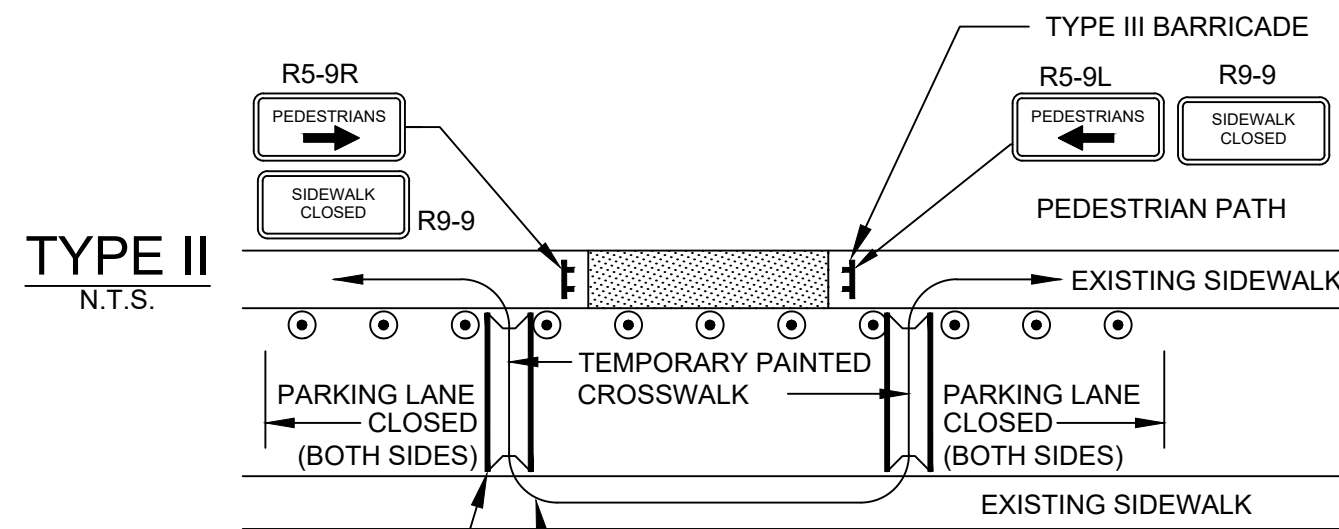
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 CAD FILE: C:\pwworking\kleinfelder.com\20225069.KLF_Construction Sequencing Plans.dwg LAYOUT: SCS-01

GENERAL NOTES

1. THE CONTRACTOR SHALL SEE CONTRACT GENERAL REQUIREMENTS FOR WORK HOURS. NO WORK SHALL OCCUR OUTSIDE THE HOURS APPROVED BY THE OWNER.
2. THE DETOUR ROUTES ARE NOT TO BE IMPLEMENTED AT THE SAME TIME.
3. THE FOLLOWING SUGGESTED TEMPORARY DETOUR PLAN(S) AND SUGGESTED CONSTRUCTION SEQUENCE PLAN(S) IS INTENDED TO BE A GUIDE ONLY. THE CONTRACTOR SHALL SUBMIT DETAILED PROPOSED TRAFFIC MANAGEMENT AND CONSTRUCTION PHASING PLAN AT LEAST 30 DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
4. ALL CONSTRUCTION SIGNING, DRUMS, BARRICADES AND OTHER DEVICES SHALL CONFORM WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) AS AMENDED.
5. ALL DRUMS SHALL BE SET @ 20' O.C. MAX. UNLESS OTHERWISE NOTED OR ADJUSTED BY THE ENGINEER.
6. ALL DRUMS SHALL BE APPROXIMATELY PLACED AND MOVED AS NECESSARY TO MAINTAIN ADEQUATE ABUTTER ACCESS AT ALL TIMES. WORK MAY REQUIRE ADDITIONAL SIGNS, DRUMS AND OTHER TRAFFIC CONTROL DEVICES, GRADING AND TEMPORARY PAVEMENT FOR PASSAGE OF PEDESTRIAN, VEHICULAR AND EMERGENCY TRAFFIC THROUGH THE WORK AREAS, BOTH DURING AND AFTER WORKING HOURS, TO MAINTAIN SUCH ACCESS. THESE SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
7. THE CONTRACTOR SHALL NOTIFY EACH ABUTTER AT LEAST 24 HOURS IN ADVANCE OF THE START OF ANY WORK THAT WILL REQUIRE THE TEMPORARY CLOSURE OF ACCESS, SUCH AS EXISTING PAVEMENT EXCAVATION, TEMPORARY DRIVEWAY PAVEMENT PLACEMENT, PARKING RESTRICTIONS, AND SIMILAR OPERATIONS.
8. GRADE SEPARATIONS IN EXCESS OF 2" DURING NON-WORKING HOURS WILL REQUIRE DELINEATION BY USE OF DRUMS.
9. EXCAVATION EDGES IN EXCESS OF 4" DEEP SHALL BE PROTECTED DURING NON-WORKING HOURS BY BACKFILLING WITH A WEDGE OF GRAVEL OR SOIL TO COMPACTED.
10. 11' MINIMUM LANE WIDTHS SHALL BE MAINTAINED AT ALL TIMES.
11. EXCAVATIONS SHALL BE PROTECTED DURING NON WORK HOURS BY STEEL PLATES PINNED WITH EDGES PAVED OR BARRICADES AS APPROVED BY THE ENGINEER.
12. ADVISORY SPEED PLATES (W13-1) SHALL BE USED IF APPROPRIATE AND AS REQUIRED BY THE ENGINEER.
13. ALL SIGN LOCATIONS ARE SHOWN SCHEMATICALLY. FINAL LOCATIONS SHALL BE DETERMINED BASED ON ACTUAL FIELD CONDITIONS AND ENGINEER APPROVAL. PERMISSION AND RELATED PERMITS FOR THE LOCATION OF SIGNS AND VMB'S (VARIABLE MESSAGE BOARDS) ARE THE CONTRACTOR'S RESPONSIBILITY.
14. THE CONTRACTOR IS REQUIRED TO USE POLICE DETAILS TO MAINTAIN SAFETY OF PEDESTRIAN AND VEHICULAR TRAFFIC.
15. THE CONTRACTOR SHALL COVER OR REMOVE SIGNAGE AT THE END OF THE WORK HOURS OR WORK PHASES AS APPROPRIATE.
16. THE CONTRACTOR SHALL PROTECT ALL TRAVEL WAYS FROM DUST AND CONSTRUCTION DEBRIS AT ALL TIMES.
17. CONSTRUCTION SIGNING SHALL BE ORANGE BACKGROUND WITH BLACK LEGEND AND BLACK BORDER UNLESS OTHERWISE NOTED.
18. REFER TO SPECIFICATION SECTION 0971001A-MAINTENANCE AND PROTECTION OF TRAFFIC FOR REQUIREMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC SAFETY.
19. PARKING SHALL BE RESTRICTED WITHIN WORK ZONES, AND BUFFER AND TAPER LENGTHS CONTRACTOR TO COORDINATE NO PARKING RESTRICTIONS WITH THE BOROUGH OF NAUGATUCK.
20. CHANNELING DEVICES ARE TO CONSIST OF REFLECTORIZED CONES OR DRUMS. THE SPACING OF THE CHANNELIZING DEVICES IS NOT TO EXCEED A DISTANCE IN FEET EQUAL TO THE SPEED WHEN USED FOR THE TAPER CHANNELIZATION, AN DA DISTANCE IN FEET OF TWICE THE SPEED WHEN USED FOR TANGENT CHANNELIZATION.
21. ALL SIGNS SHOWN SHALL BE MOUNTED ON SUITABLE TEMPORARY SUPPORTS SUCH THAT SIGNS ARE CLEARLY VISIBLE TO APPROACHING TRAFFIC.
22. MAINTAIN ACCESS TO ALL DRIVEWAYS, PARKING LOTS, AND PEDESTRIAN CONNECTIONS THROUGHOUT DURATION OF CONSTRUCTION, UNLESS OTHERWISE NOTED.
23. ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO THE START OF WORK.
24. ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE REMOVED AS SOON AS PRACTICAL WHEN THEY ARE NO LONGER NEEDED. WHEN WORK IS SUSPENDED FOR SHORT PERIODS OF TIME, TEMPORARY TRAFFIC CONTROL DEVICES THAT ARE NO LONGER APPROPRIATE SHALL BE REMOVED OR COVERED.



NOTE:
1. TO BE USED IN CONJUNCTION WITH THE TEMPORARY LANE CLOSURE DETAILS



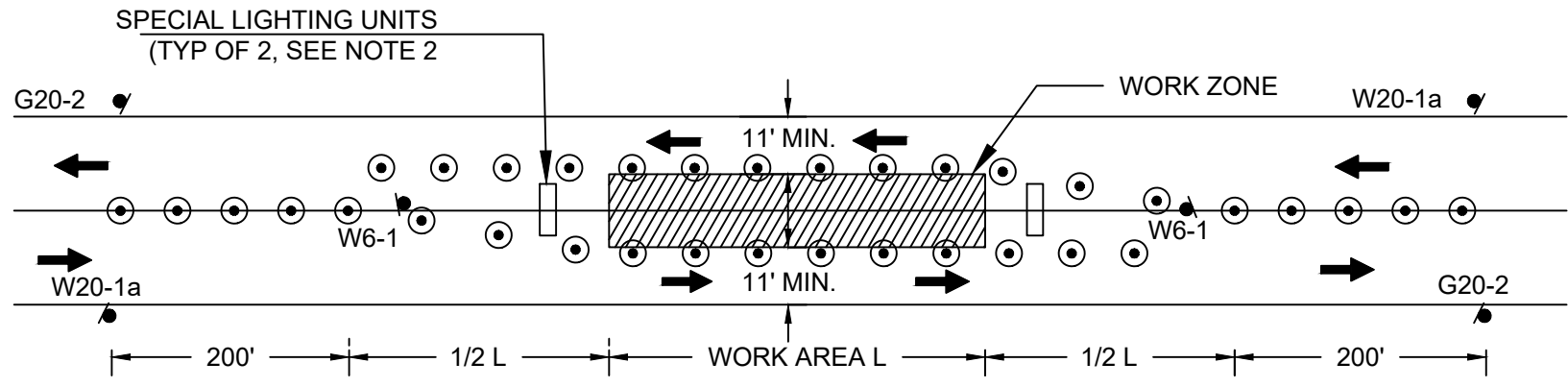
TEMPORARY ASPHALT WHEEL CHAIR RAMP, WIDTH AND LENGTH PER ADA REQUIREMENTS BUT SHALL NOT INTRUDE INTO TRAVEL

PEDESTRIAN BYPASS NOTES:

1. ADDITIONAL ADVANCE WARNING MAY BE REQUIRED BY THE BOROUGH.
2. CONTROLS FOR PEDESTRIAN TRAFFIC ONLY ARE SHOWN. VEHICULAR TRAFFIC SHALL BE MAINTAINED AS DETAILED ON THIS SHEET.
3. STREET LIGHTING SHALL BE CONSIDERED WHEN LOCATING CONTROL DEVICES.
4. EXISTING PEDESTRIAN RAMPS SHALL BE CONSIDERED WHEN LOCATING TEMPORARY PAINTED CROSSWALKS. TEMPORARY BITUMINOUS RAMPS ARE REQUIRED FOR TEMPORARILY RELOCATED CROSSWALKS.
5. DIRECTION OF PEDESTRIAN TRAVEL
6. IF THE WORK ZONE DOES NOT PERMIT PEDESTRIANS TO TRAVEL ADJACENT TO IT AS SHOWN IN PEDESTRIAN BYPASS TYPE I, TEMPORARY CROSSWALKS WITH APPROPRIATE SIGNS SHALL BE INSTALLED TO CROSS PEDESTRIANS TO THE OPPOSITE SIDE OF THE STREET AS SHOWN IN PEDESTRIAN BYPASS TYPE II, AND AS REQUIRED BY THE ENGINEER.
7. TEMPORARY ASPHALT WHEEL CHAIR RAMPS ARE REQUIRED FOR TEMPORARILY RELOCATED CROSS WALKS WHERE EXISTING WHEEL CHAIR RAMPS DO NOT EXIST.
8. TYPE III BARRICADES SHALL BE 48 INCHES LENGTH WITH 8-12 INCH WIDE RAILS AS DEFINED IN MUTCD.

PEDESTRIAN BYPASS

SCALE: N.T.S.



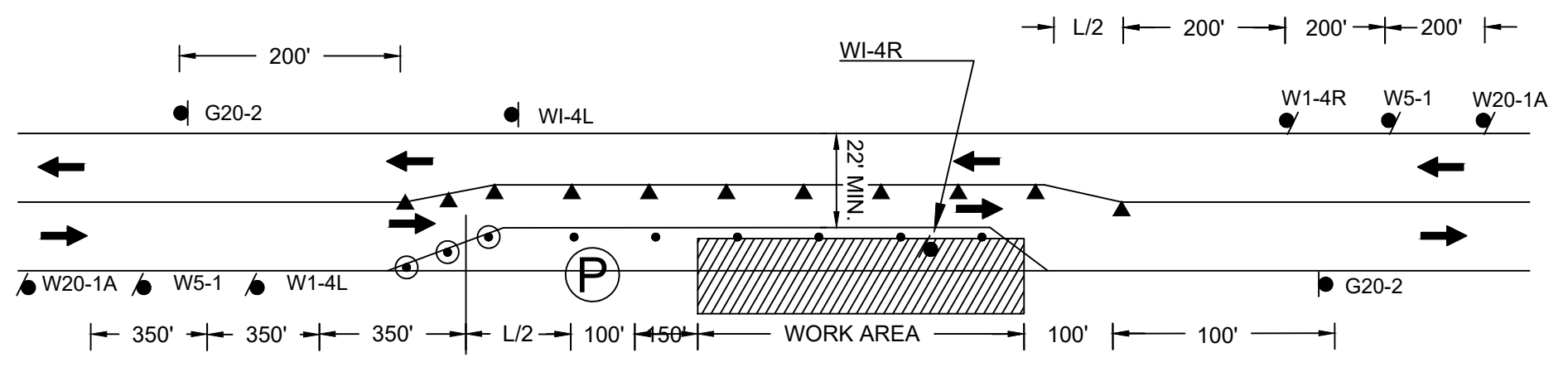
NOTES:
1. L=AREA OF 1/2 DAY OF WORK (PER MUTCD MANUAL)
2. SPECIAL LIGHTING UNITS (ARROW BOARDS) TO BE ADDED ON BOTH SIDES OF WORKZONE WHERE SPEED LIMIT MEETS OR EXCEEDS 35 M.P.H.

TYPICAL INTERIOR LANE CLOSURE DETAIL

SCALE: N.T.S.

OPERATIONAL SIGNING

ALL DRUMS AND SIGNS ARE SHOWN AS THEY SHOULD APPEAR DURING THE WORKING DAY, OR WHILE OPERATING IN THE WORK ZONE.



TYPICAL TWO WAY STREET LANE SHIFT DETAIL

SCALE: N.T.S.

NOTE:
1. THIS DETAIL SHOWS A RIGHT LANE CLOSURE. THIS DETAIL CAN ALSO BE USED FOR LEFT LANE CLOSURES, WITH THE SIGN PLACEMENT REVERSED AS APPROPRIATE.
L= (WS)²/60 FOR 40 MPH OR LESS W=WIDTH OF OFFSET (FT)
L= WS FOR 45 MPH OR MORE S=POSTED SPEED LIMIT (MPH)

400 Capital Boulevard, Suite 104
Rocky Hill, CT 06067
Phone: 860-563-7775
www.kleinfelder.com

LANDSCAPE ARCHITECT

Richter & Cegan Inc.

88 CANAL COURT P.O. BOX 567
AVON, CT 06001
PHONE: 860-678-0669
CONTACT NAME: Gary Guimond
EMAIL: gguimond@richtercegan.com



DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION

THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING

IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

ORIGINAL DRAWING SIZE IS 22 x 34

TEMPORARY TRAFFIC NOTES AND DETAILS

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION	
PROJECT NO. 20225069.002A	MPT-00
ISSUE DATE 06/30/2023	
CURRENT REVISION IFC	
DESIGNED BY K.VIOLETTE	
DRAWN BY J.PERKINS	
CHECKED BY P. KING	
APPROVED BY N.KULIKAUSKAS	

CAD FILE: C:\pwworking\kleinfelder.com\20225069.MPT_20225069.KLE_M&E\Traffic\Detour Plans.dwg LAYOUT: MPT-00 PLOTTED: 6/30/2023 12:43 PM BY: lizy.norris



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0 100 200
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TEMPORARY TRAFFIC DETOUR PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

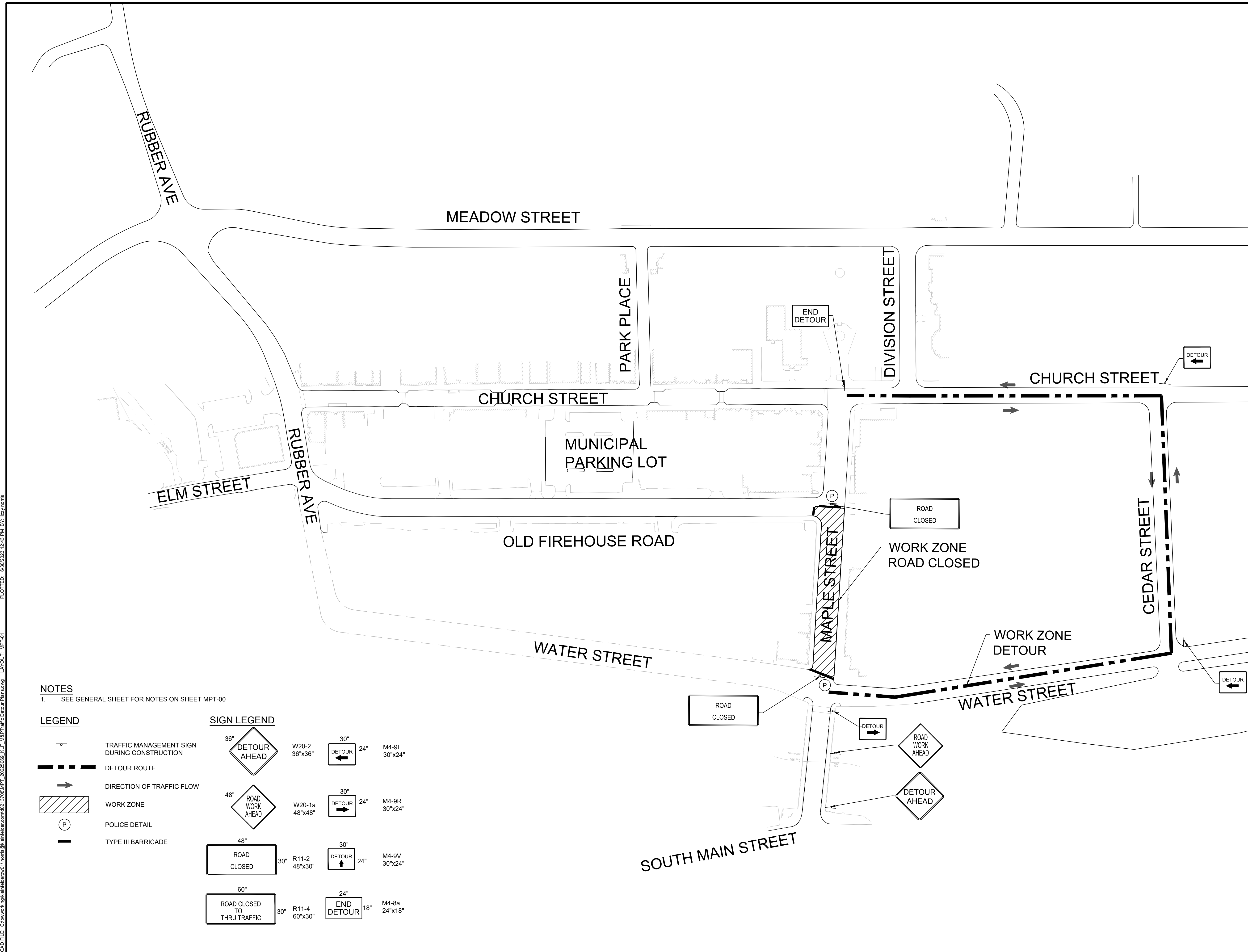


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

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CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

MPT-01



NOTES
1. SEE GENERAL SHEET FOR NOTES ON SHEET MPT-00

LEGEND

- TRAFFIC MANAGEMENT SIGN DURING CONSTRUCTION
- DETOUR ROUTE
- DIRECTION OF TRAFFIC FLOW
- WORK ZONE
- POLICE DETAIL
- TYPE III BARRICADE

SIGN LEGEND

	36" W20-2 36"x36"		30" M4-9L 30"x24"
	48" W20-1a 48"x48"		30" M4-9R 30"x24"
	48" R11-2 48"x30"		30" M4-9V 30"x24"
	60" R11-4 60"x30"		24" M4-8a 24"x18"



DRAWING ISSUE		
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REVISIONS				
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ISSUED FOR CONSTRUCTION

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TEMPORARY TRAFFIC DETOUR PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK

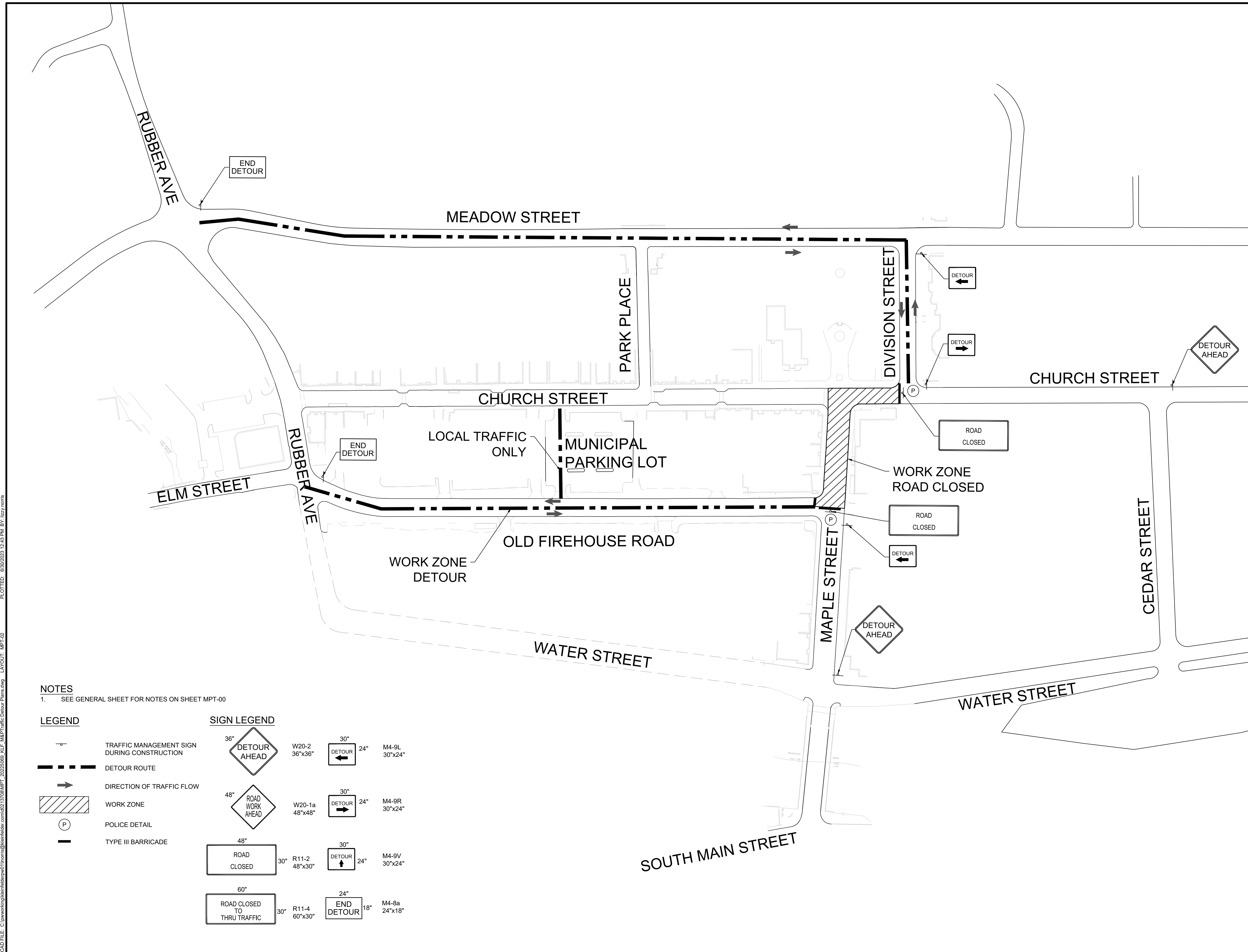


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

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CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

MPT-02



NOTES
1. SEE GENERAL SHEET FOR NOTES ON SHEET MPT-00

LEGEND

- TRAFFIC MANAGEMENT SIGN DURING CONSTRUCTION
- DETOUR ROUTE
- DIRECTION OF TRAFFIC FLOW
- WORK ZONE
- POLICE DETAIL
- TYPE III BARRICADE

SIGN LEGEND

- | | | | | |
|---------------------------------|-------------------|----------------|-----|------------------|
| 36" DETOUR AHEAD | W20-2
36"x36" | 30" DETOUR | 24" | M4-9L
30"x24" |
| 48" ROAD WORK AHEAD | W20-1a
48"x48" | 30" DETOUR | 24" | M4-9R
30"x24" |
| 48" ROAD CLOSED | R11-2
48"x30" | 30" DETOUR | 24" | M4-9V
30"x24" |
| 60" ROAD CLOSED TO THRU TRAFFIC | R11-4
60"x30" | 24" END DETOUR | 18" | M4-8a
24"x18" |

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SCALE VERIFICATION

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SCALE: 1" = 100' SCALE IN FEET
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TEMPORARY TRAFFIC DETOUR PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK

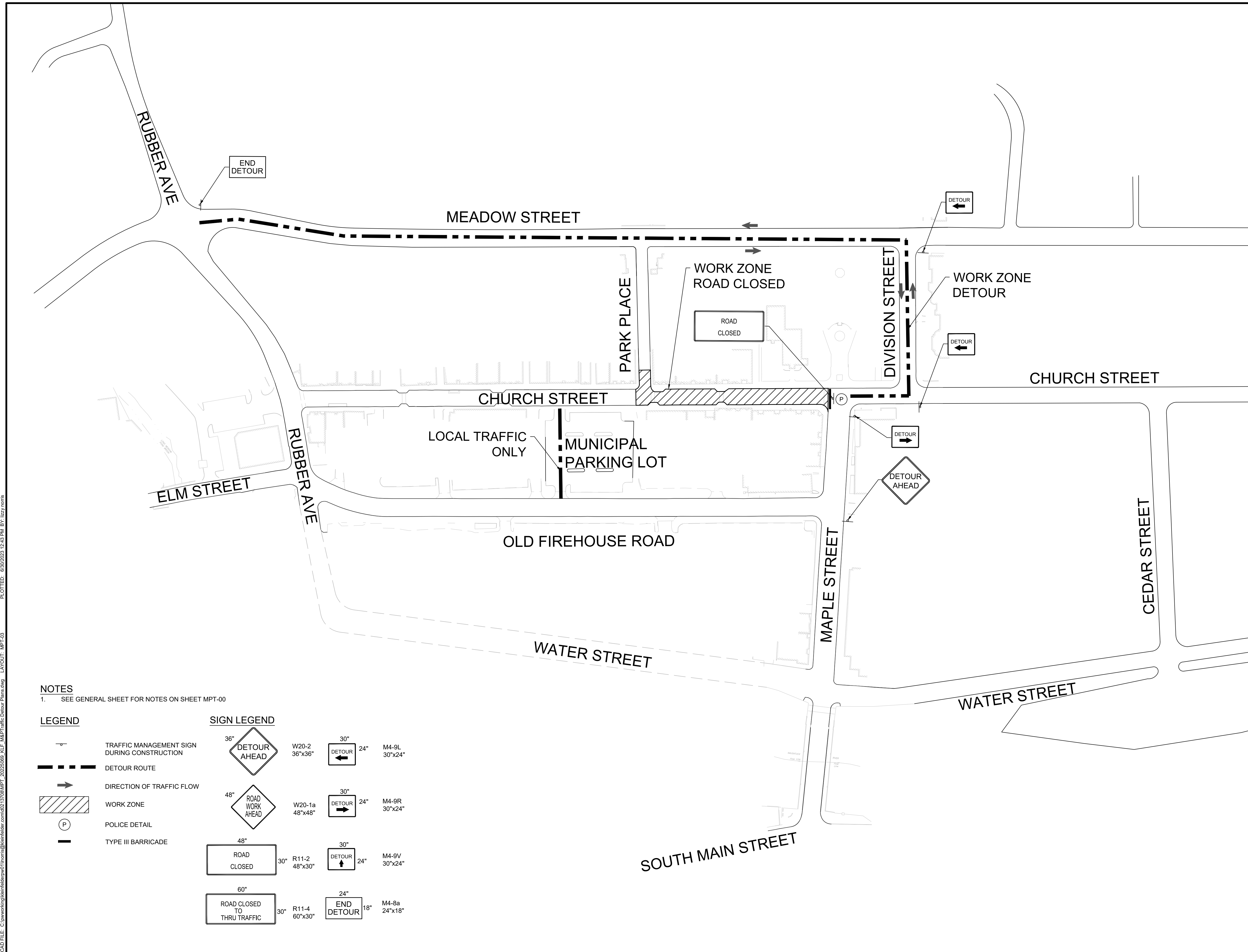


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

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DESIGNED BY	K.VIOLETTE
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CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

MPT-03



NOTES
1. SEE GENERAL SHEET FOR NOTES ON SHEET MPT-00

LEGEND

- TRAFFIC MANAGEMENT SIGN DURING CONSTRUCTION
- DETOUR ROUTE
- DIRECTION OF TRAFFIC FLOW
- WORK ZONE
- POLICE DETAIL
- TYPE III BARRICADE

SIGN LEGEND

- | | | | |
|--|--------------------------|--|--------------------------|
| | 36" W20-2
36"x36" | | 30" M4-9L
24" 30"x24" |
| | 48" W20-1a
48"x48" | | 30" M4-9R
24" 30"x24" |
| | 48" R11-2
30" 48"x30" | | 30" M4-9V
24" 30"x24" |
| | 60" R11-4
30" 60"x30" | | 24" M4-8a
18" 24"x18" |

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REVISIONS				
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SCALE: 1" = 100' SCALE IN FEET
ORIGINAL DRAWING SIZE IS 22 x 34

TEMPORARY TRAFFIC DETOUR PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK

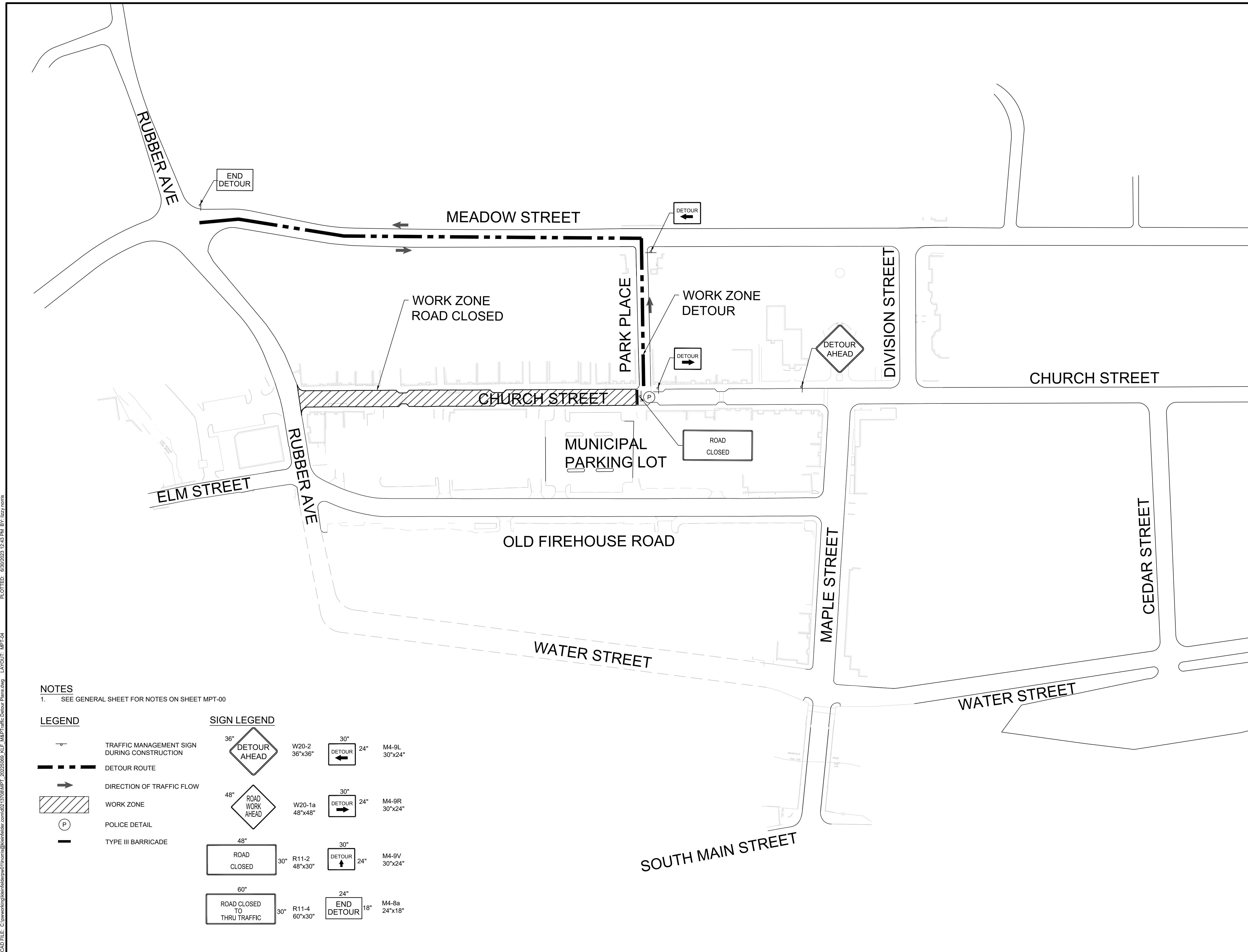


BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	K.VIOLETTE
DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

MPT-04



NOTES
1. SEE GENERAL SHEET FOR NOTES ON SHEET MPT-00

LEGEND

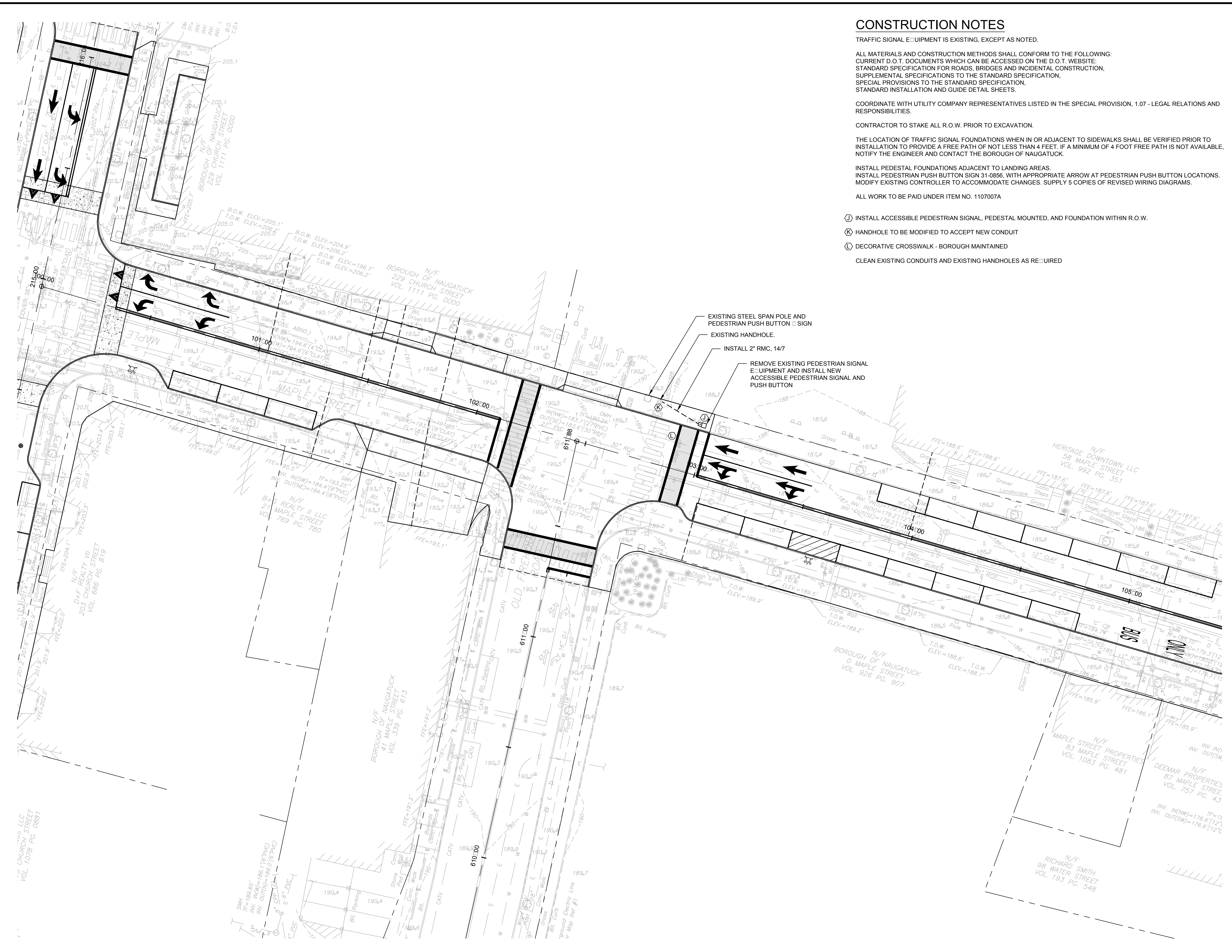
- TRAFFIC MANAGEMENT SIGN DURING CONSTRUCTION
- DETOUR ROUTE
- DIRECTION OF TRAFFIC FLOW
- WORK ZONE
- POLICE DETAIL
- TYPE III BARRICADE

SIGN LEGEND

- | | | | |
|--|-----------------------|--|----------------------|
| | 36" W20-2
36"x36" | | 30" M4-9L
30"x24" |
| | 48" W20-1a
48"x48" | | 30" M4-9R
30"x24" |
| | 48" R11-2
48"x30" | | 30" M4-9V
30"x24" |
| | 60" R11-4
60"x30" | | 24" M4-8a
24"x18" |

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CONSTRUCTION NOTES

TRAFFIC SIGNAL EQUIPMENT IS EXISTING, EXCEPT AS NOTED.

ALL MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM TO THE FOLLOWING:
 CURRENT D.O.T. DOCUMENTS WHICH CAN BE ACCESSED ON THE D.O.T. WEBSITE;
 STANDARD SPECIFICATION FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION,
 SUPPLEMENTAL SPECIFICATIONS TO THE STANDARD SPECIFICATION,
 SPECIAL PROVISIONS TO THE STANDARD SPECIFICATION,
 STANDARD INSTALLATION AND GUIDE DETAIL SHEETS.

COORDINATE WITH UTILITY COMPANY REPRESENTATIVES LISTED IN THE SPECIAL PROVISION, 1.07 - LEGAL RELATIONS AND RESPONSIBILITIES.

CONTRACTOR TO STAKE ALL R.O.W. PRIOR TO EXCAVATION.

THE LOCATION OF TRAFFIC SIGNAL FOUNDATIONS WHEN IN OR ADJACENT TO SIDEWALKS SHALL BE VERIFIED PRIOR TO INSTALLATION TO PROVIDE A FREE PATH OF NOT LESS THAN 4 FEET. IF A MINIMUM OF 4 FOOT FREE PATH IS NOT AVAILABLE, NOTIFY THE ENGINEER AND CONTACT THE BOROUGH OF NAUGATUCK.

INSTALL PEDESTAL FOUNDATIONS ADJACENT TO LANDING AREAS.
 INSTALL PEDESTRIAN PUSH BUTTON SIGN 31-0856, WITH APPROPRIATE ARROW AT PEDESTRIAN PUSH BUTTON LOCATIONS.
 MODIFY EXISTING CONTROLLER TO ACCOMMODATE CHANGES. SUPPLY 5 COPIES OF REVISED WIRING DIAGRAMS.

ALL WORK TO BE PAID UNDER ITEM NO. 1107007A

- Ⓜ INSTALL ACCESSIBLE PEDESTRIAN SIGNAL, PEDESTAL MOUNTED, AND FOUNDATION WITHIN R.O.W.
 - Ⓚ HANDHOLE TO BE MODIFIED TO ACCEPT NEW CONDUIT
 - Ⓛ DECORATIVE CROSSWALK - BOROUGH MAINTAINED
- CLEAN EXISTING CONDUITS AND EXISTING HANDHOLES AS REQUIRED

400 Capital Boulevard, Suite 104
 Rocky Hill, CT 06067
 Phone: 860-563-7775
 www.kleinfelder.com

LANDSCAPE ARCHITECT

Richter & Cegan Inc.

88 CANAL COURT P.O. BOX 567
 AVON, CT 06001
 PHONE: 860-678-0669
 CONTACT NAME: Gary Guimond
 EMAIL: gguimond@richtercegan.com

DRAWING ISSUE		
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REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

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SCALE VERIFICATION

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SCALE: 1" = 20' SCALE IN FEET

ORIGINAL DRAWING SIZE IS 22 x 34

TRAFFIC CONTROL SIGNAL PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
 BOROUGH OF NAUGATUCK

BOROUGH OF NAUGATUCK
 229 CHURCH STREET
 NAUGATUCK, CT 06770

ISSUED FOR CONSTRUCTION

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DRAWN BY	J.PERKINS
CHECKED BY	P. KING
APPROVED BY	N.KULIKAUSKAS

TCS-01

GENERAL NOTES

- SCOPE:** FURNISH LABOR, EQUIPMENT AND MATERIALS NECESSARY FOR THE INSTALLATION OF THE COMPLETE ELECTRICAL SYSTEM AS SPECIFIED HEREIN AND SHOWN ON THE CONTRACT DRAWINGS. OUTLINE DESCRIPTION AND DIAGRAMMATIC REPRESENTATION OF SYSTEM OPERATION AND EQUIPMENT DOES NOT LIMIT CONTRACTOR LIABILITY FOR FURNISHING AND INSTALLING COMPLETE AND OPERABLE SYSTEMS.
- APPLICABLE CODES:** THE INSTALLATION SHALL COMPLY WITH THE CODE OF THE LOCAL AUTHORITY HAVING JURISDICTION.
- NOTE DEFINITIONS:** "DRAWING NOTES" APPLY TO WORK ON THAT INDIVIDUAL DRAWING. "SPECIFIC NOTES" APPLY ONLY WHERE INDICATED WITH THE "SPECIFIC NOTE" SYMBOL. REFER TO LEGEND.
- COORDINATE UNDERGROUND CIRCUIT INSTALLATION WITH OTHER EXISTING AND PROPOSED UNDERGROUND UTILITIES. ENGAGE THE SERVICES OF A UTILITY LOCATING FIRM PRIOR TO EXCAVATION.**
- CABLE AND CONDUIT SIZES ARE BASED ON COPPER CONDUCTORS UNLESS SPECIFICALLY NOTED OTHERWISE.**
- VOLTAGE DROP CALCULATIONS ARE BASED ON CIRCUIT LOADING AND DISTANCES GENERALLY AS CIRCUITED ON PLAN. IF ALTERNATE CONDUIT ROUTING, CIRCUIT LOADING, OR CONDUCTOR MATERIAL IS PROVIDED, VERIFY VOLTAGE DROP.**
- UNLESS OTHERWISE NOTED, CIRCUITS HAVE NOT BEEN DERATED FOR CONDUCTOR BUNDLING, NOR HAVE CONDUITS BEEN SIZED FOR MULTIPLE CIRCUITS. IF MULTIPLE CIRCUITS ARE INSTALLED IN A SINGLE RACEWAY, DERATE CONDUCTOR AMPACITY PER NEC, AND PROVIDE APPROPRIATE SIZE CONDUIT.**
- PERMITS:** INCLUDE IN THE BID PRICE THE PAYMENT OF NECESSARY PERMITS. FURNISH THE OWNER PRIOR TO THE FINAL PAYMENT A CERTIFICATE FROM THE ELECTRICAL INSPECTION DEPARTMENT HAVING JURISDICTION CERTIFYING THAT THE ELECTRICAL WORK MEETS REQUIREMENTS OF THE LOCAL INSPECTION AUTHORITIES AND/OR THE NATIONAL BOARD OF FIRE UNDERWRITERS.
- SCHEDULING:** COORDINATE WITH THE OWNER FOR SCHEDULING OF WORK.
- WORK SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER.**
- KEEP THE WORK SITE AND SURROUNDING AREA FREE FROM ACCUMULATION OF WASTE MATERIALS OR RUBBISH GENERATED BY WORK FROM THIS CONTRACT. PROPERLY AND LEGALLY DISPOSE OF MATERIALS.**
- SAFETY:** JOB SITE SAFETY SHALL BE IN STRICT ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS.
- GROUNDING:** SYSTEMS SHALL BE BONDED AND GROUNDED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE, LOCAL CODES, THE UTILITY, AND SPECIAL SYSTEMS AND EQUIPMENT.
- VISIT THE SITE AND CAREFULLY EXAMINE EXISTING CONDITIONS THAT MAY AFFECT THE BID.**
- PROVIDE SUBMITTALS (SHOP DRAWINGS) FOR REVIEW FOR NEW MATERIALS AND EQUIPMENT. PRIOR TO SUBMITTING, REVIEW SUBMITTALS FOR COMPLIANCE WITH CONTRACT DOCUMENTS, CONFLICTS WITH OTHER TRADES, AND CONSTRUCTABILITY. IDENTIFY ANY DEVIATIONS IN SUBMITTALS FROM CONTRACT DOCUMENTS. ENGINEER'S REVIEW OF SUBMITTALS DOES NOT INCLUDE REVIEW OF DIMENSIONS, DETAILS OR QUANTITIES. REVIEW DOES NOT WAIVE ANY REQUIREMENTS OF CONTRACT DOCUMENTS, INCLUDING REQUIREMENT TO PROVIDE A COMPLETE AND FUNCTIONAL SYSTEM.**
- WHEN MOUNTING ELECTRICAL WORK IN AREAS SUBJECT TO PEDESTRIAN TRAFFIC, MAINTAIN REQUIRED HEADROOM CLEARANCES.**
- ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE UL LISTED AND SHALL CONFORM TO FACTORY MUTUAL STANDARDS AS APPLICABLE.**
- ELECTRICAL WORK SHALL BE CONCEALED IN FINISHED AREAS SHOWN ON THE ARCHITECTURAL DRAWINGS.**
- ELECTRICAL SERVICE PROVISIONS: PROVIDE COORDINATION AND SCHEDULING WITH THE UTILITY FOR ELECTRICAL SERVICE. PROVIDE EQUIPMENT, MATERIALS AND WORK FOR COMPLETE AND FUNCTIONAL ELECTRICAL SERVICES. COSTS ASSOCIATED WITH THE PROVISION OF THE SERVICES ARE TO BE INCLUDED IN THE CONTRACTOR'S BID PRICE.**
- EQUIPMENT LOCATIONS: REFER TO THE CIVIL DRAWINGS FOR EXACT LIGHT FIXTURE LOCATIONS. LOCATIONS OF ELECTRICAL EQUIPMENT AND CONDUIT ARE SHOWN DIAGRAMMATICALLY. DETERMINE EXACT LOCATIONS IN FIELD.**
- GUARANTEE:** THE ENTIRE ELECTRICAL INSTALLATION, MATERIAL AND WORKMANSHIP SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION.

ELECTRICAL LEGEND

- NOTE:**
1. MOUNTING HEIGHTS SHALL BE TO THE CENTER OF THE DEVICE ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED. MOUNTING HEIGHT ON PLAN SUPERCEDES THAT INDICATED IN LEGEND.
- JUNCTION BOX - CEILING MOUNTED, WALL MOUNTED, IN-FLOOR.
 - WIRING IN CEILINGS AND WALLS
 - WIRING IN OR UNDER FLOOR, UNDERGROUND OR SLAB OR CONTROL WIRING
 - HOMERUN TO PANELBOARD
 - REVISION NOTE - REFER TO REVISION BLOCK
 - SPECIFIC NOTE - REFER TO SPECIFIC NOTES
 - DUPLEX RECEPTACLE - NEMA 5-15R/5-20R PER SPECIFICATION
 - DUPLEX RECEPTACLE - 5-15R/5-20R PER SPECIFICATION, GROUND FAULT CIRCUIT INTERRUPTING.
 - DOUBLE DUPLEX RECEPTACLE - NEMA CONFIGURATION - 5-15R/5-20R PER SPECIFICATION
 - WEATHER RESISTANT RECEPTACLE WITH WEATHERPROOF COVER PLATE.
 - DUPLEX RECEPTACLE - 5-20R NEMA, RECESSED FLOOR BOX
 - LOW VOLTAGE UNDERGROUND CONDUIT
 - UNDERGROUND POWER CONDUIT
 - HIGH VOLTAGE UNDERGROUND CONDUIT
 - LIGHT POLE FIXTURE
 - POLE SUPPORTED CATENARY LIGHTING SYSTEM

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ELECTRICAL ABBREVIATIONS

ABBREV.	DESCRIPTION
A	AMPERE
AFF	ABOVE FINISHED FLOOR
AIC	AMPERE INTERRUPTING CAPACITY
AL	ALUMINUM
AWG	AMERICAN WIRE GAUGE
BPS	BOLTED PRESSURE SWITCH
C	CONDUIT
CKT	CIRCUIT
CLG	CEILING
CU	COPPER
DAS	DISTRIBUTED ANTENNA SYSTEM
DC	DIRECT CURRENT
DE/TD	DUAL ELEMENT/ TIME DELAY
E	EMERGENCY
ECB	ENCLOSED CIRCUIT BREAKER
EF	EXHAUST FAN
EMS	ENERGY MANAGEMENT SYSTEM
EMT	ELECTRICAL METALLIC TUBING
F	FUSED OR FUSIBLE
FLA	FULL LOAD AMPS
FSS	FUSED SAFETY SWITCH
FT	FEET
G OR GRD	GROUND
GB	GROUND BAR
H.I.D.	HIGH INTENSITY DISCHARGE
H.O.A.	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
KV	KILOVOLTS
KVA	KILOVOLT-AMPERE
KW	KILOWATTS
LRA	LOCKED ROTOR AMPS
M.H.	MOUNTING HEIGHT
MCB	MAIN CIRCUIT BREAKER
MSB	MAIN GROUND BAR
MH	METAL HALIDE OR MOUNTING HEIGHT
MLO	MAIN LUGS ONLY
MMS	MANUAL MOTOR SWITCH
MTD	MOUNTED
N.C.	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NFSS	NON-FUSED SAFETY SWITCH
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT (UNSWITCHED)
P	POLE
PH	PHASE
PVC	POLYVINYL CHLORIDE
PWR	POWER
REC	RECEPTACLE
RM	ROOM
SCCR	SHORT CIRCUIT CURRENT RATING
S.D.	SERVICE DISCONNECT
TMS	THERMAL MANUAL SWITCH
SPD	SURGE PROTECTIVE DEVICE
UL	UNDERWRITERS LABORATORY
V	VOLTS
W	WATTS
W/	WITH
WCR	WITHSTAND AND CLOSE ON RATING
WH	WATER HEATER
WP	WEATHERPROOF

400 Capital Boulevard, Suite 104
Rocky Hill, CT 06067
Phone: 860-563-7775
www.kleinfelder.com

LANDSCAPE ARCHITECT

Richter & Cegan Inc.

88 CANAL COURT P.O. BOX 567
AVON, CT 06001
PHONE: 860-678-0669
CONTACT NAME: Gary Guimond
EMAIL: gguimond@richtercegan.com



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SCALE VERIFICATION

THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING

IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

ORIGINAL DRAWING SIZE IS 22 x 34

ELECTRICAL NOTES, LEGEND & ABBREVIATIONS

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK

BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

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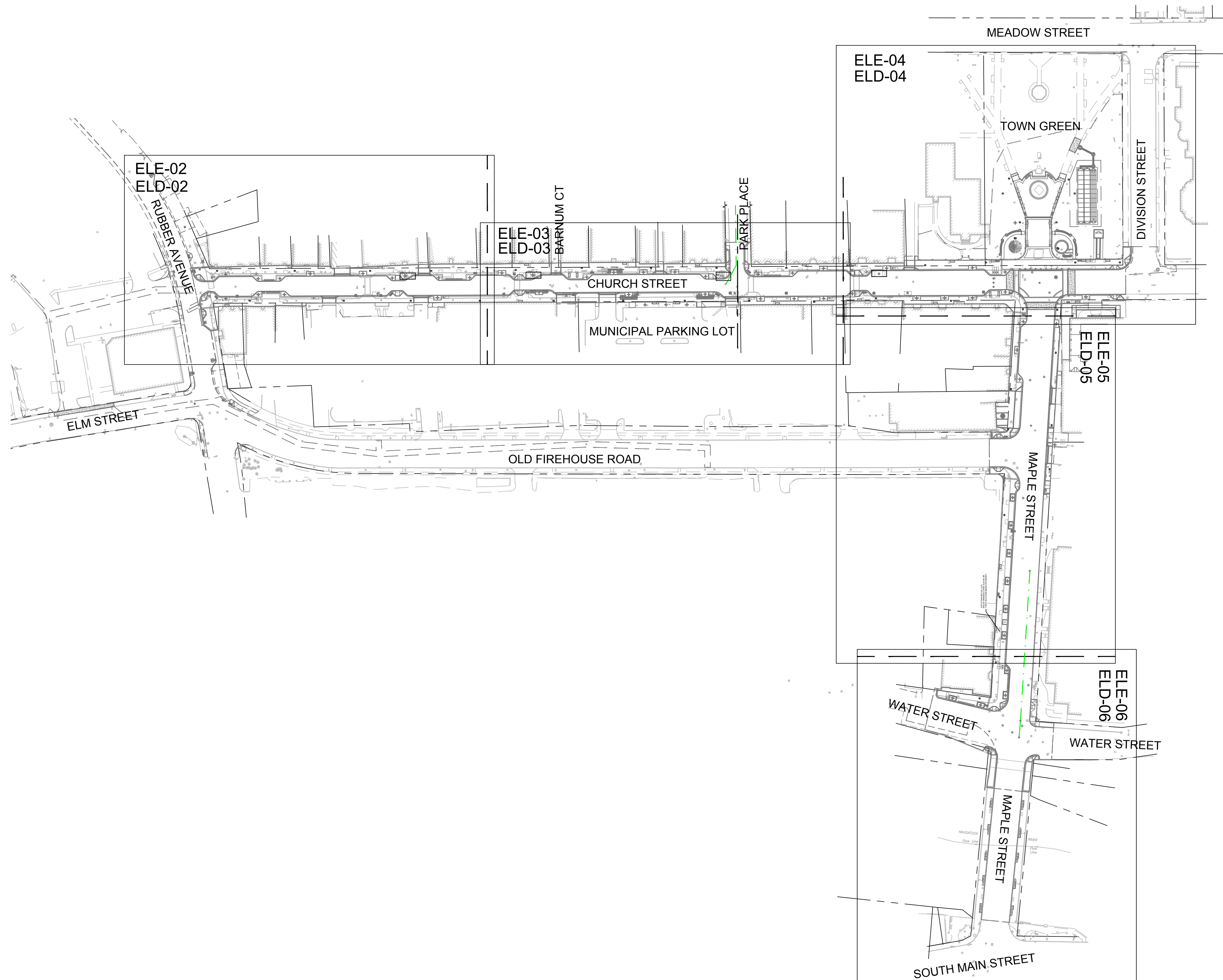
ELECTRICAL INDEX PLAN
DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK



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ELE-01





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ELECTRICAL SITE PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
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NAUGATUCK, CT 06770

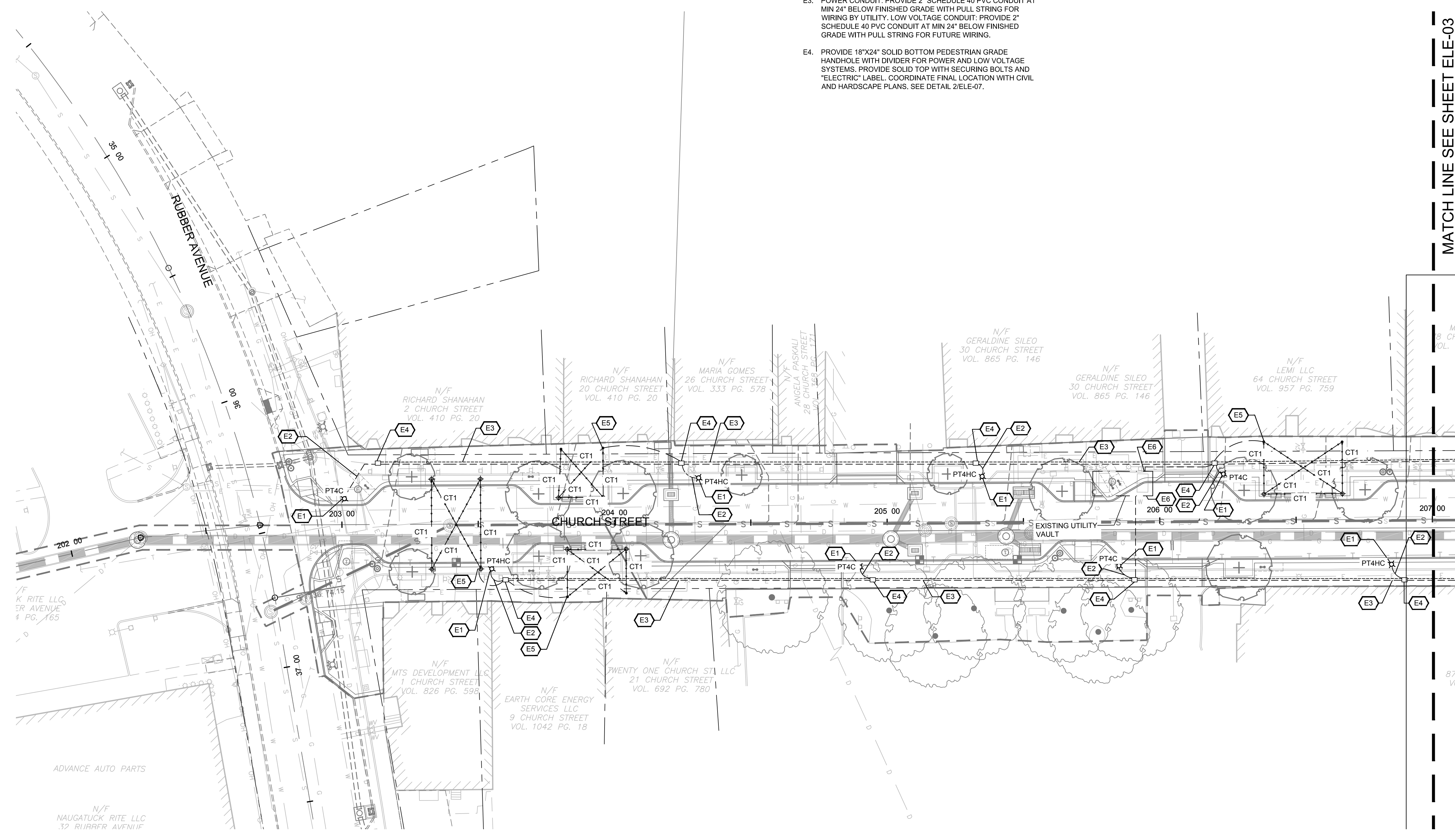
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ELE-02

ELECTRICAL SHEET NOTES:

- E1. PROVIDE LIGHTING FIXTURE POLE BASE, LIGHTING POLE AND FIXTURE OF TYPE INDICATED. MAKE FINAL WIRING AND GROUNDING CONNECTIONS IN POLE BASE. COORDINATE FINAL LOCATION WITH CIVIL AND HARDSCAPE PLANS. SEE BASE DETAIL 1/ELE-07.
- E2. PROVIDE 2" SCHEDULE 40 PVC CONDUIT AT MIN 24" BELOW FINISHED GRADE WITH 2#10, #10G FROM LIGHT POLE CONNECTION TO HANDHOLE. PROVIDE 24" SLACK WIRE IN HANDHOLE WITH IN LINE FUSE HOLDER WITH 2A FUSE FOR FINAL CONNECTIONS BY UTILITY. PROVIDE 1" SCHEDULE 40 PVC CONDUIT WITH PULL STRING FROM POLE BASE TO HANDHOLE FOR FUTURE LOW VOLTAGE SYSTEMS.
- E3. POWER CONDUIT: PROVIDE 2" SCHEDULE 40 PVC CONDUIT AT MIN 24" BELOW FINISHED GRADE WITH PULL STRING FOR WIRING BY UTILITY. LOW VOLTAGE CONDUIT: PROVIDE 2" SCHEDULE 40 PVC CONDUIT AT MIN 24" BELOW FINISHED GRADE WITH PULL STRING FOR FUTURE WIRING.
- E4. PROVIDE 18"x24" SOLID BOTTOM PEDESTRIAN GRADE HANDHOLE WITH DIVIDER FOR POWER AND LOW VOLTAGE SYSTEMS. PROVIDE SOLID TOP WITH SECURING BOLTS AND "ELECTRIC" LABEL. COORDINATE FINAL LOCATION WITH CIVIL AND HARDSCAPE PLANS. SEE DETAIL 2/ELE-07.
- E5. POLE SUPPORTED CATENARY LIGHTING SYSTEM. PROVIDE 1" SCHEDULE 40 PVC CONDUIT AT MIN 24" BELOW FINISHED GRADE WITH 2#10, #10G FROM LIGHT POLE CONNECTION TO HANDHOLE. PROVIDE 24" SLACK WIRE IN HANDHOLE WITH IN LINE FUSE HOLDER WITH 2A FUSE FOR FINAL CONNECTIONS BY UTILITY. PROVIDE GFCI RECEPTACLE NEAR TOP OF POLE IN WEATHERPROOF BOX AND WITH WEATHERPROOF WHILE IN USE COVER. PROVIDE NIPPLE MOUNT PHOTOCELL ON TOP OF POLE TO CONTROL RECEPTACLE. MAKE FINAL WIRING AND GROUNDING CONNECTIONS. COORDINATE FINAL LOCATION WITH CIVIL AND HARDSCAPE PLANS.
- E6. COORDINATE WITH UTILITY FOR CONDUIT PENETRATIONS AT VAULT. PROVIDE 2" CONDUIT WITH PULL STRING TO HANDHOLE INDICATED.



MATCH LINE SEE SHEET ELE-03

CAD FILE: C:\pwworking\kleinfelder\proj\20225069_KLF_Electrical_Site_Plan.dwg LAYOUT: ELE-02 PLOTTED: 6/30/2023 8:58 AM BY: jacqui.parkins



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ELECTRICAL SITE PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

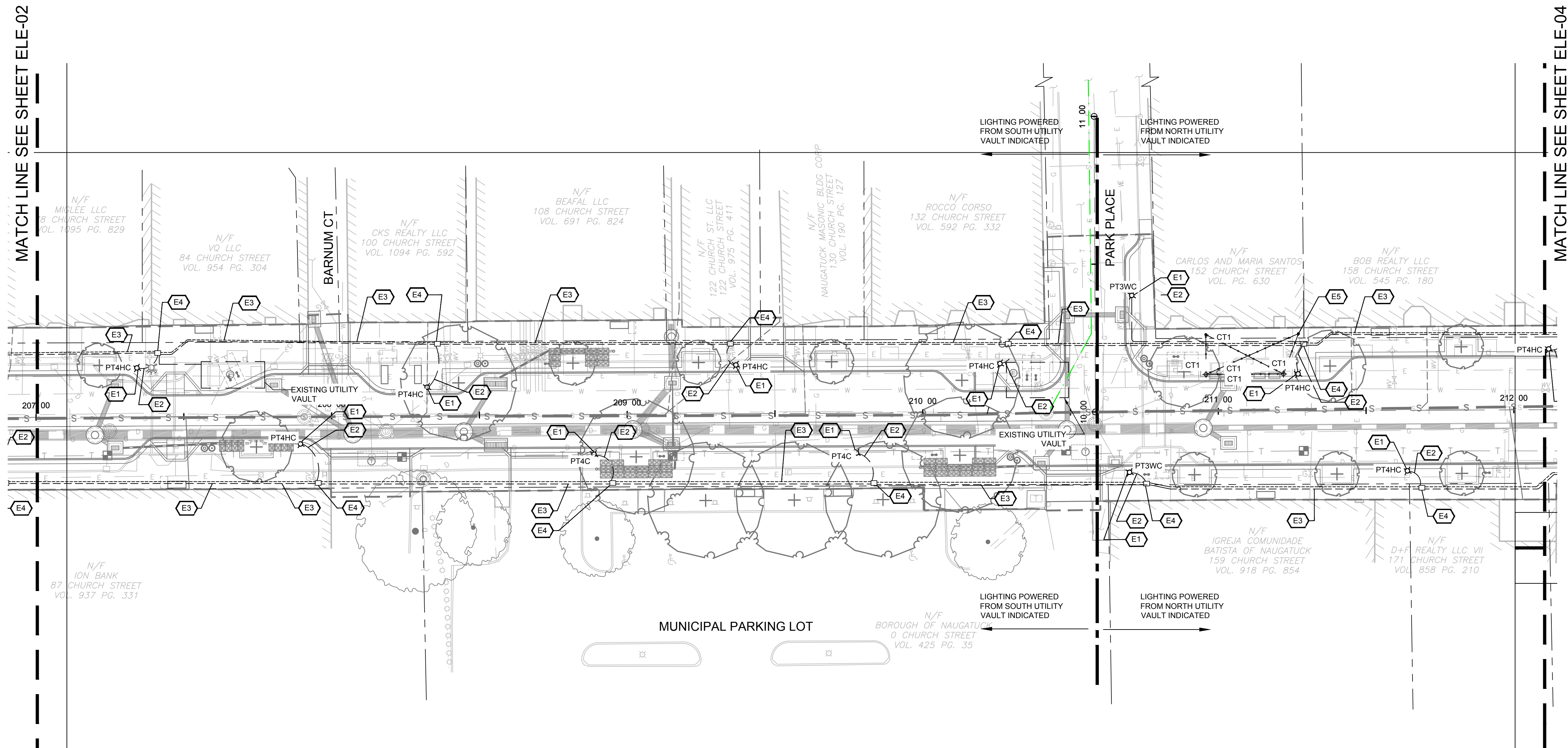
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APPROVED BY	JB

ELE-03

ELECTRICAL SHEET NOTES:

- E1. PROVIDE LIGHTING FIXTURE POLE BASE, LIGHTING POLE AND FIXTURE OF TYPE INDICATED. MAKE FINAL WIRING AND GROUNDING CONNECTIONS IN POLE BASE. COORDINATE FINAL LOCATION WITH CIVIL AND HARDSCAPE PLANS. SEE BASE DETAIL 1/ELE-07.
- E2. PROVIDE 2" SCHEDULE 40 PVC CONDUIT AT MIN 24" BELOW FINISHED GRADE WITH 2#10, #10G FROM LIGHT POLE CONNECTION TO HANDHOLE. PROVIDE 24" SLACK WIRE IN HANDHOLE WITH IN LINE FUSE HOLDER WITH 2A FUSE FOR FINAL CONNECTIONS BY UTILITY. PROVIDE 1" SCHEDULE 40 PVC CONDUIT WITH PULL STRING FROM POLE BASE TO HANDHOLE FOR FUTURE LOW VOLTAGE SYSTEMS.
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- E4. PROVIDE 18"X24" SOLID BOTTOM PEDESTRIAN GRADE HANDHOLE WITH DIVIDER FOR POWER AND LOW VOLTAGE SYSTEMS. PROVIDE SOLID TOP WITH SECURING BOLTS AND "ELECTRIC" LABEL. COORDINATE FINAL LOCATION WITH CIVIL AND HARDSCAPE PLANS. SEE DETAIL 2/ELE-07.
- E5. POLE SUPPORTED CATENARY LIGHTING SYSTEM. PROVIDE 1" SCHEDULE 40 PVC CONDUIT AT MIN 24" BELOW FINISHED GRADE WITH 2#10, #10G FROM LIGHT POLE CONNECTION TO HANDHOLE. PROVIDE 24" SLACK WIRE IN HANDHOLE WITH IN LINE FUSE HOLDER WITH 2A FUSE FOR FINAL CONNECTIONS BY UTILITY. PROVIDE GFCI RECEPTACLE NEAR TOP OF POLE IN WEATHERPROOF BOX AND WITH WEATHERPROOF WHILE IN USE COVER. PROVIDE NIPPLE MOUNT PHOTOCELL ON TOP OF POLE TO CONTROL RECEPTACLE. MAKE FINAL WIRING AND GROUNDING CONNECTIONS. COORDINATE FINAL LOCATION WITH CIVIL AND HARDSCAPE PLANS.
- E6. COORDINATE WITH UTILITY FOR CONDUIT PENETRATIONS AT VAULT. PROVIDE 2" CONDUIT WITH PULL STRING TO HANDHOLE INDICATED.



MATCH LINE SEE SHEET ELE-02

MATCH LINE SEE SHEET ELE-04

CAD FILE: C:\pwworking\kleinfelder\proj\20225069_01\parks\ele\20225069_01\KLE-ELE-03_LAYOUT.dwg LAYOUT: ELE-03 PLOTTED: 6/30/2023 8:59 AM BY: jacqui.parkins



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DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK



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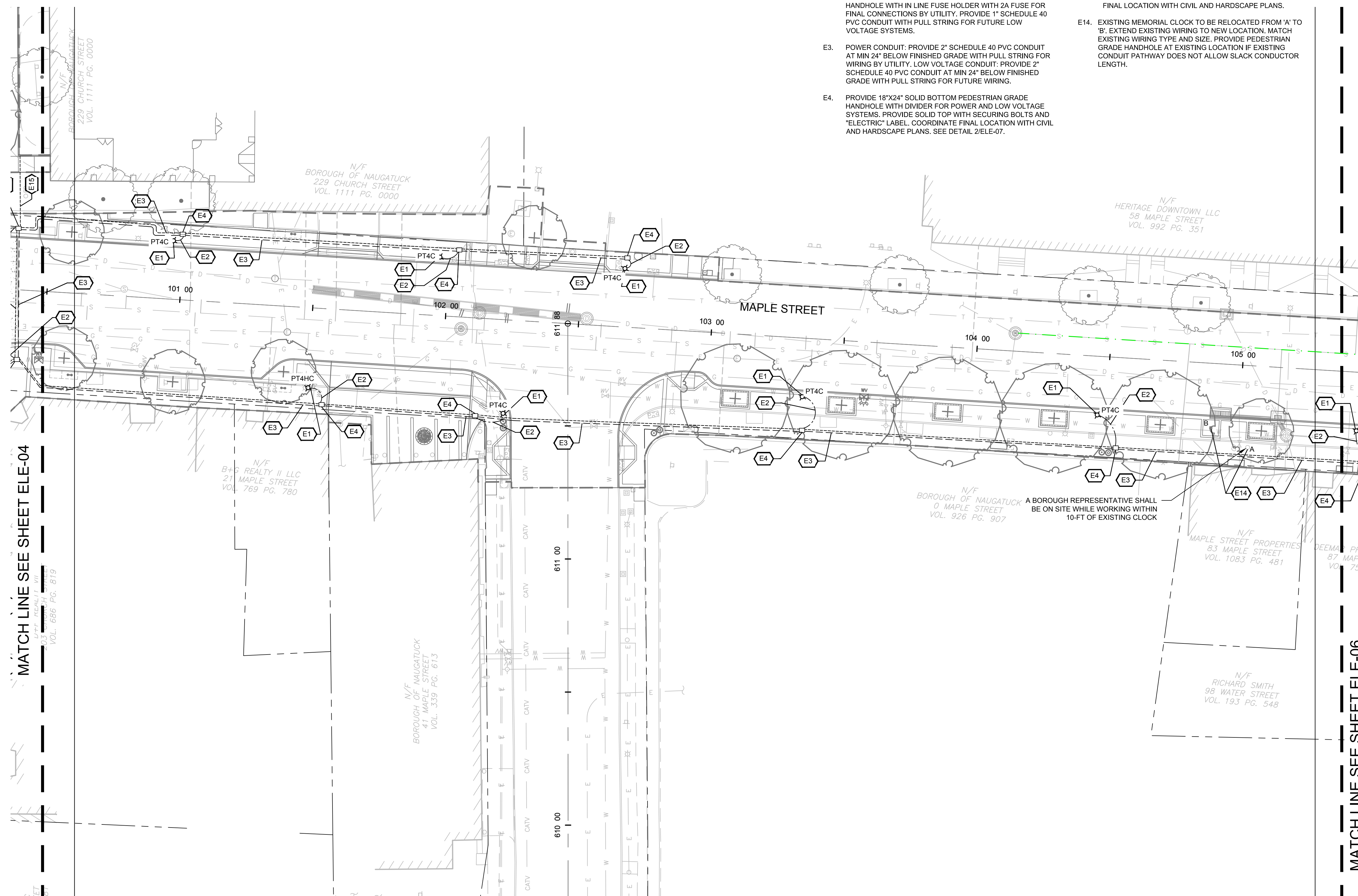
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ELE-05

ELECTRICAL SHEET NOTES:

- E1. PROVIDE LIGHTING FIXTURE POLE BASE, LIGHTING POLE AND FIXTURE OF TYPE INDICATED. MAKE FINAL WIRING AND GROUNDING CONNECTIONS IN POLE BASE. COORDINATE FINAL LOCATION WITH CIVIL AND HARDSCAPE PLANS. SEE BASE DETAIL 1/ELE-07.
- E2. PROVIDE 2" SCHEDULE 40 PVC CONDUIT AT MIN 24" BELOW FINISHED GRADE WITH 2#10, #10G FROM LIGHT POLE CONNECTION TO HANDHOLE. PROVIDE 24" SLACK WIRE IN HANDHOLE WITH IN LINE FUSE HOLDER WITH 2A FUSE FOR FINAL CONNECTIONS BY UTILITY. PROVIDE 1" SCHEDULE 40 PVC CONDUIT WITH PULL STRING FOR FUTURE LOW VOLTAGE SYSTEMS.
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- E4. PROVIDE 18"x24" SOLID BOTTOM PEDESTRIAN GRADE HANDHOLE WITH DIVIDER FOR POWER AND LOW VOLTAGE SYSTEMS. PROVIDE SOLID TOP WITH SECURING BOLTS AND "ELECTRIC" LABEL. COORDINATE FINAL LOCATION WITH CIVIL AND HARDSCAPE PLANS. SEE DETAIL 2/ELE-07.
- E5. POLE SUPPORTED CATENARY LIGHTING SYSTEM. PROVIDE 1" SCHEDULE 40 PVC CONDUIT AT MIN 24" BELOW FINISHED GRADE WITH 2#10, #10G FROM LIGHT POLE CONNECTION TO HANDHOLE. PROVIDE 24" SLACK WIRE IN HANDHOLE WITH IN LINE FUSE HOLDER WITH 2A FUSE FOR FINAL CONNECTIONS BY UTILITY. PROVIDE GFCI RECEPTACLE NEAR TOP OF POLE IN WEATHERPROOF BOX AND WITH WEATHERPROOF WHILE IN USE COVER. PROVIDE NIPPLE MOUNT PHOTOCELL ON TOP OF POLE TO CONTROL RECEPTACLE. MAKE FINAL WIRING AND GROUNDING CONNECTIONS. COORDINATE FINAL LOCATION WITH CIVIL AND HARDSCAPE PLANS.
- E14. EXISTING MEMORIAL CLOCK TO BE RELOCATED FROM 'A' TO 'B'. EXTEND EXISTING WIRING TO NEW LOCATION. MATCH EXISTING WIRING TYPE AND SIZE. PROVIDE PEDESTRIAN GRADE HANDHOLE AT EXISTING LOCATION IF EXISTING CONDUIT PATHWAY DOES NOT ALLOW SLACK CONDUCTOR LENGTH.



MATCH LINE SEE SHEET ELE-04

MATCH LINE SEE SHEET ELE-06



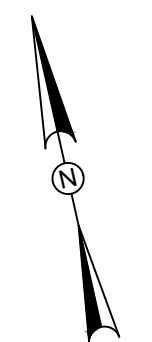
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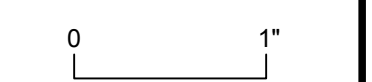
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0 20 40
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ELECTRICAL SITE PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



BOROUGH OF NAUGATUCK
229 CHURCH STREET
NAUGATUCK, CT 06770

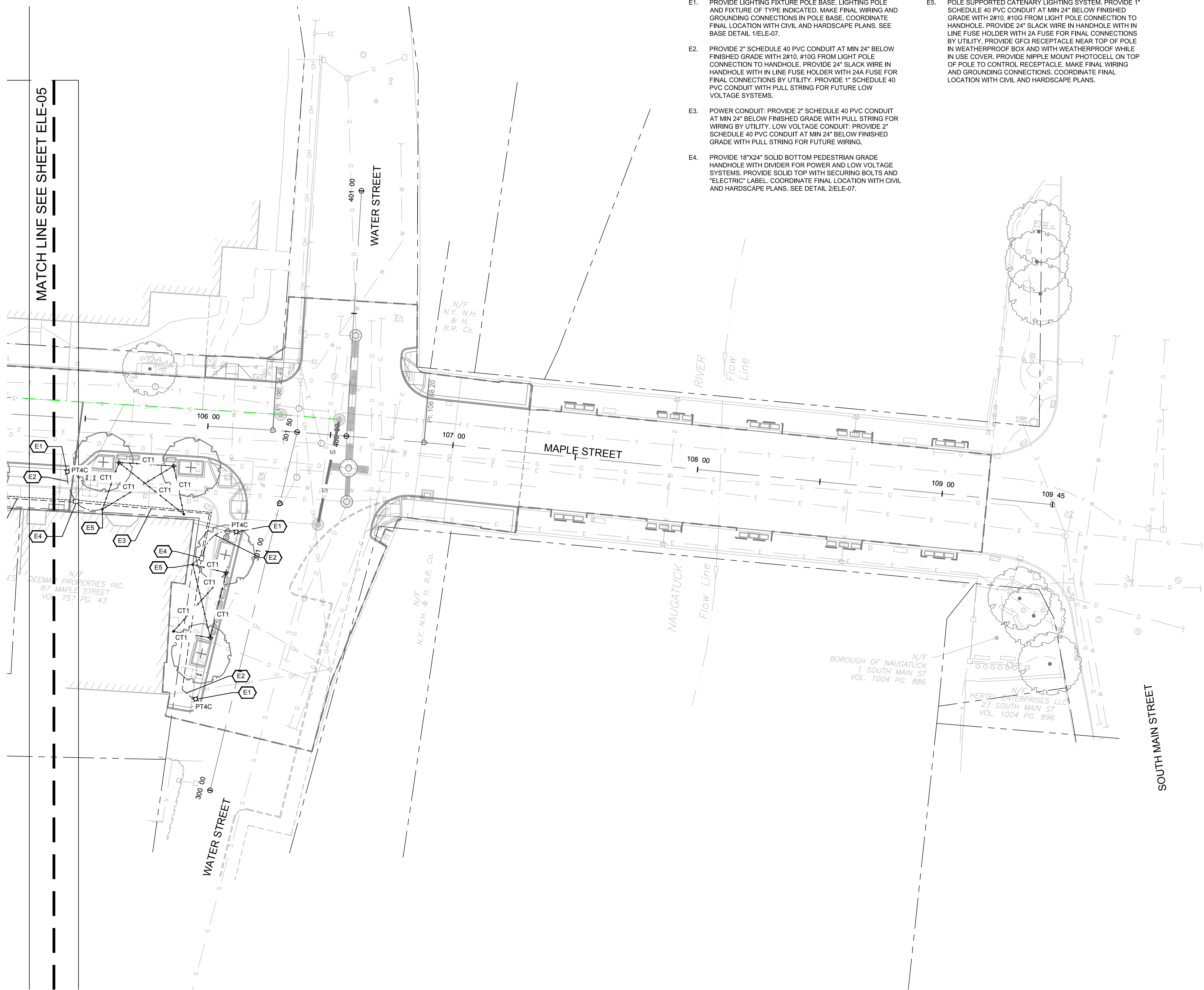
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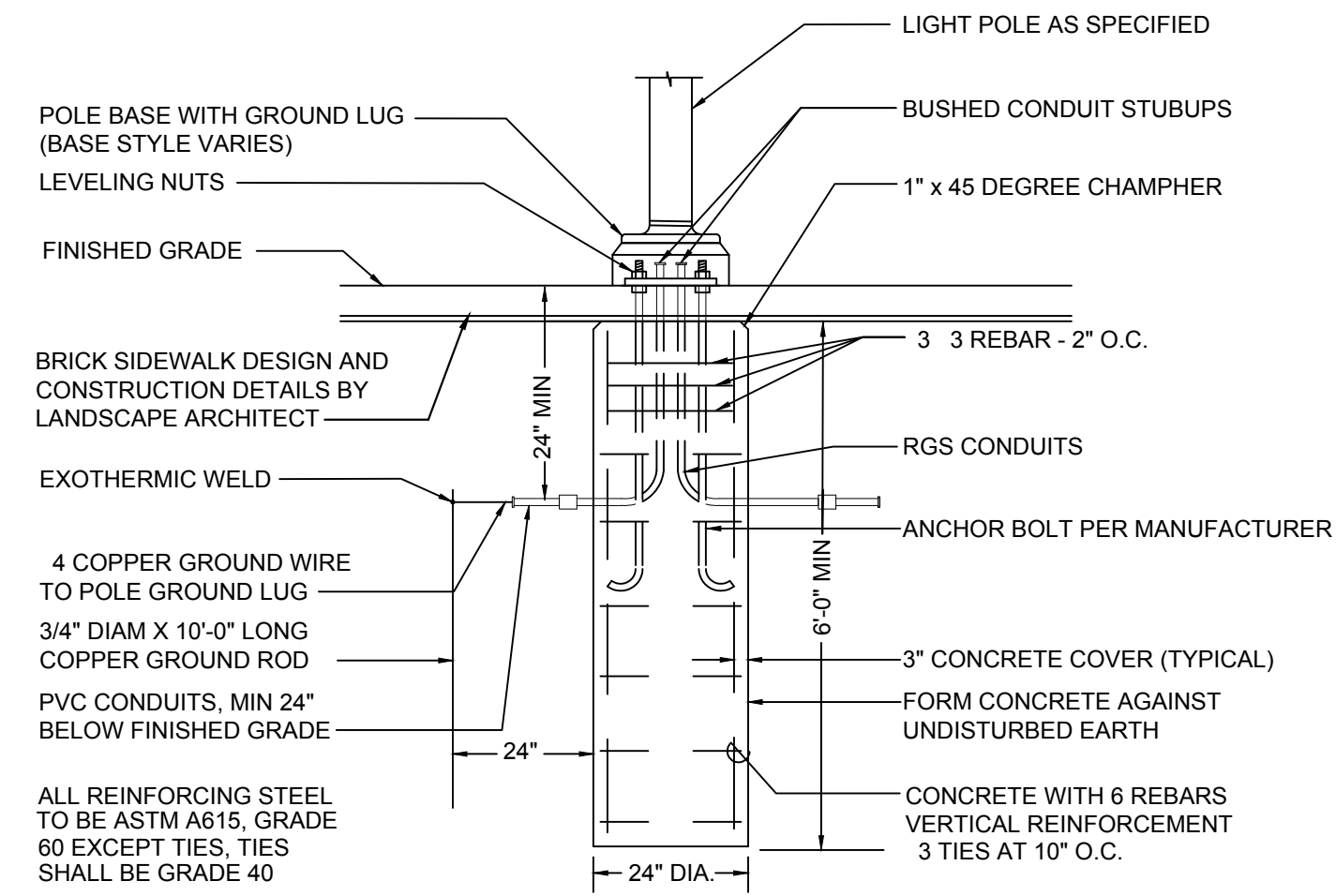
ELE-06

ELECTRICAL SHEET NOTES:

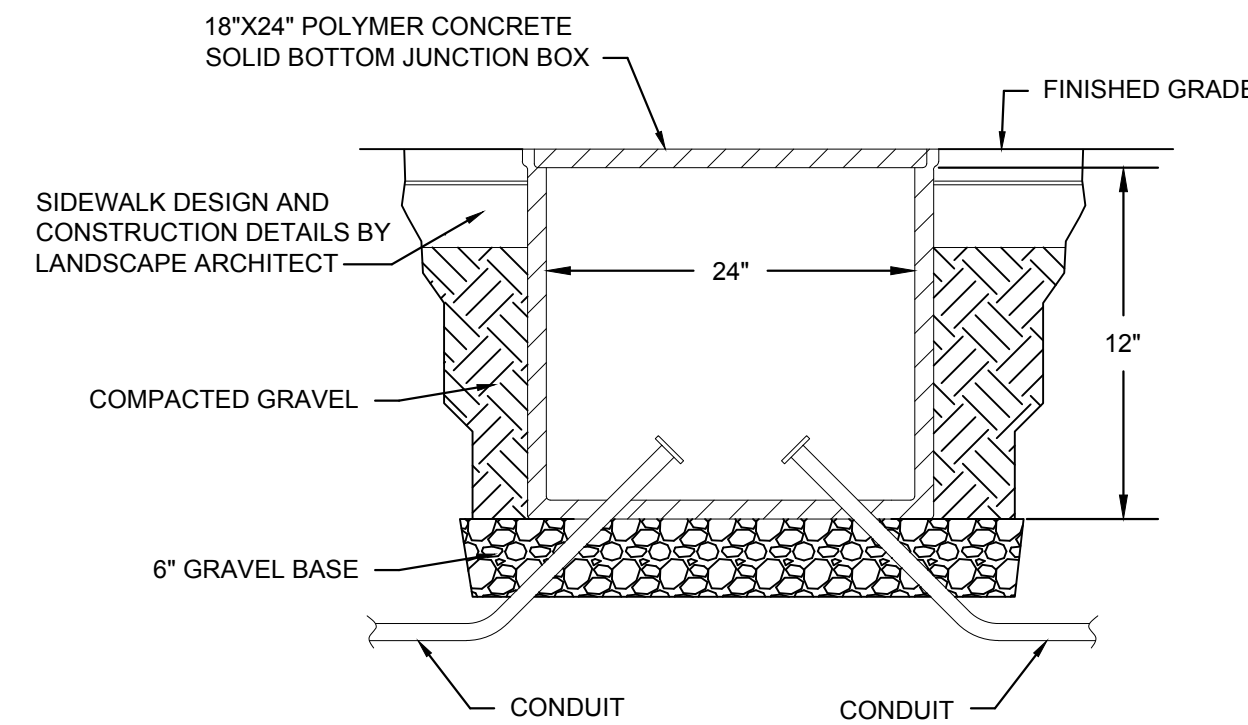
- E1. PROVIDE LIGHTING FIXTURE POLE BASE, LIGHTING POLE AND FIXTURE OF TYPE INDICATED. MAKE FINAL WIRING AND GROUNDING CONNECTIONS IN POLE BASE. COORDINATE FINAL LOCATION WITH CIVIL AND HARDSCAPE PLANS. SEE BASE DETAIL 1/ELE-07.
- E2. PROVIDE 2" SCHEDULE 40 PVC CONDUIT AT MIN 24" BELOW FINISHED GRADE WITH 2#10, #10G FROM LIGHT POLE CONNECTION TO HANDHOLE. PROVIDE 24" SLACK WIRE IN HANDHOLE WITH IN LINE FUSE HOLDER WITH 24A FUSE FOR FINAL CONNECTIONS BY UTILITY. PROVIDE 1" SCHEDULE 40 PVC CONDUIT WITH PULL STRING FOR FUTURE LOW VOLTAGE SYSTEMS.
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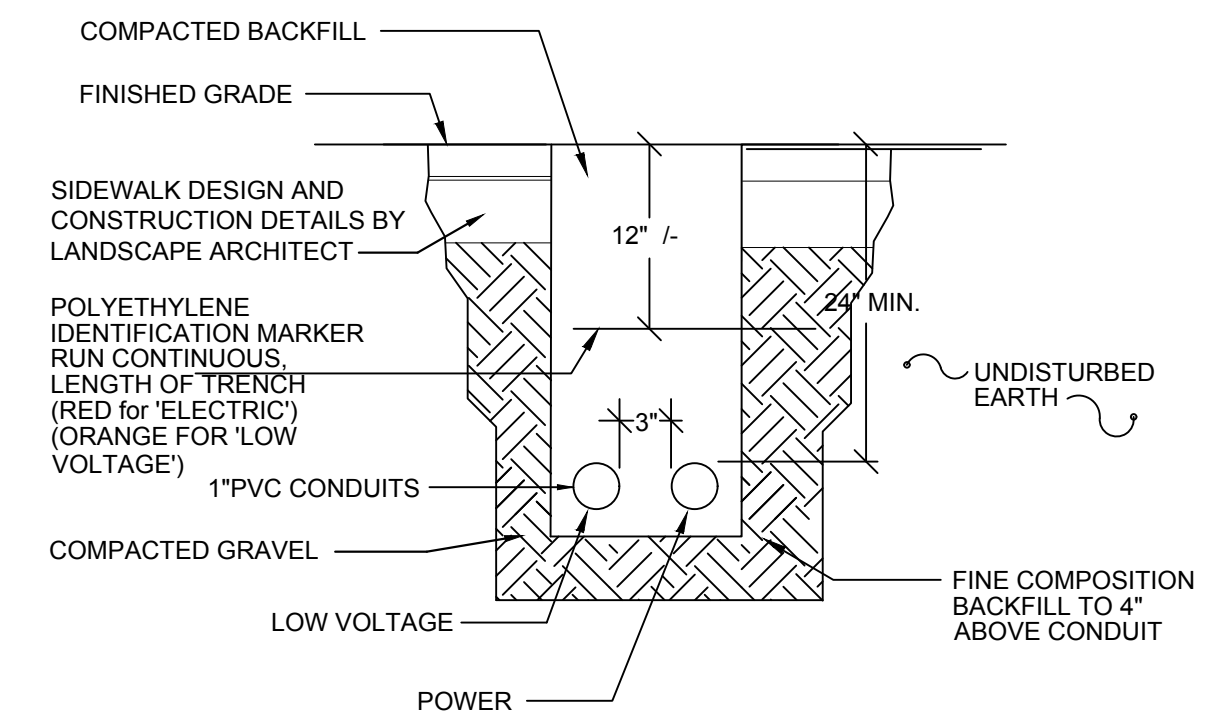
MATCH LINE SEE SHEET ELE-05



① LIGHT POLE BASE DETAIL
NOT TO SCALE



② ELECTRICAL HANDHOLE DETAIL
NOT TO SCALE



③ DETAIL - TYPICAL CONDUIT TRENCH
NOT TO SCALE

LIGHTING FIXTURE SCHEDULE								
FIXT. ID	MANUFACTURER AND MODEL	DESCRIPTION	VOLTAGE	LAMP			MTG.	REMARKS
				LUMENS	INPUT WATTS	TYPE		
PT3WC	HADCO (SIGNIFY) VX600-64-G3-A-C-3W-E-N-73 A-3-S-SPI-FAWS POLE: HADCO P4465-14-A-T-G W/OPTICAL HEIGHT APPROX 16.2FT	POST TOP LED FIXTURE, TYPE 3W DISTRIBUTION, 3000K COLOR TEMP, BLACK FINISH	120-277	7585	68	LED	POLE	WITH FIELD ADJUSTABLE WATTAGE SELECTOR
PT4C	HADCO (SIGNIFY) VX600-64-G3-A-C-4-E-N-730- A-3-S-SPI-FAWS POLE: HADCO P4465-14-A-T-G W/OPTICAL HEIGHT APPROX 16.2FT	POST TOP LED FIXTURE, TYPE 4 DISTRIBUTION, 3000K COLOR TEMP, BLACK FINISH	120-277	7449	68	LED	POLE	WITH FIELD ADJUSTABLE WATTAGE SELECTOR
PT4HC	HADCO (SIGNIFY) VX600-64-G3-A-C-4H-E-N-730- A-3-S-SPI-FAWS POLE: HADCO P4465-14-A-T-G W/OPTICAL HEIGHT APPROX 16.2FT	POST TOP LED FIXTURE, TYPE 4 DISTRIBUTION WITH HOUSE SIDE SHIELD, 3000K COLOR TEMP, BLACK FINISH	120-277	6661	71	LED	POLE	WITH FIELD ADJUSTABLE WATTAGE SELECTOR
PT5C	HADCO (SIGNIFY) VX600-64-G3-A-C-5-E-N-730- A-3-S-SPI-FAWS POLE: HADCO P4465-14-A-T-G W/OPTICAL HEIGHT APPROX 16.2FT	POST TOP LED FIXTURE, TYPE 5 DISTRIBUTION, 3000K COLOR TEMP, BLACK FINISH	120-277	7587	68	LED	POLE	WITH FIELD ADJUSTABLE WATTAGE SELECTOR
CT1	DALS LIGHTING ORION DCP-STG48	COLOR CHANGING STRING LIGHTS, 48FT LENGTH, 15 LANMS PER STRING, RGW 2200K - 4000K, BLUETOOTH DIMMABLE AND COLOR CONTROL, WETT LOCATION RATED, BLACK FINISH	120	1200	24	LED	POLE	PROVIDE STAINLESS STEEL MOUNTING CABLES AND HARDWARE FOR POLE INSTALLATION. PROVIDE ALL TRANSFORMERS AND ACCESSORIES AS REQUIRED FOR COMPLETE SYSTEM



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ELECTRICAL SCHEDULES & DETAILS

DOWNTOWN SANITARY, STORMWATER AND STREETScape IMPROVEMENTS
BOROUGH OF NAUGATUCK



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ELE-07

ELECTRICAL SHEET DEMOLITION NOTES:
 ED1. DISCONNECT AND REMOVE EXISTING LIGHT POLE, FIXTURE AND ASSOCIATED WIRING BACK TO SOURCE. REMOVE ALL EXISTING UNDERGROUND CONDUIT AND ANY ASSOCIATED HANDHOLES.



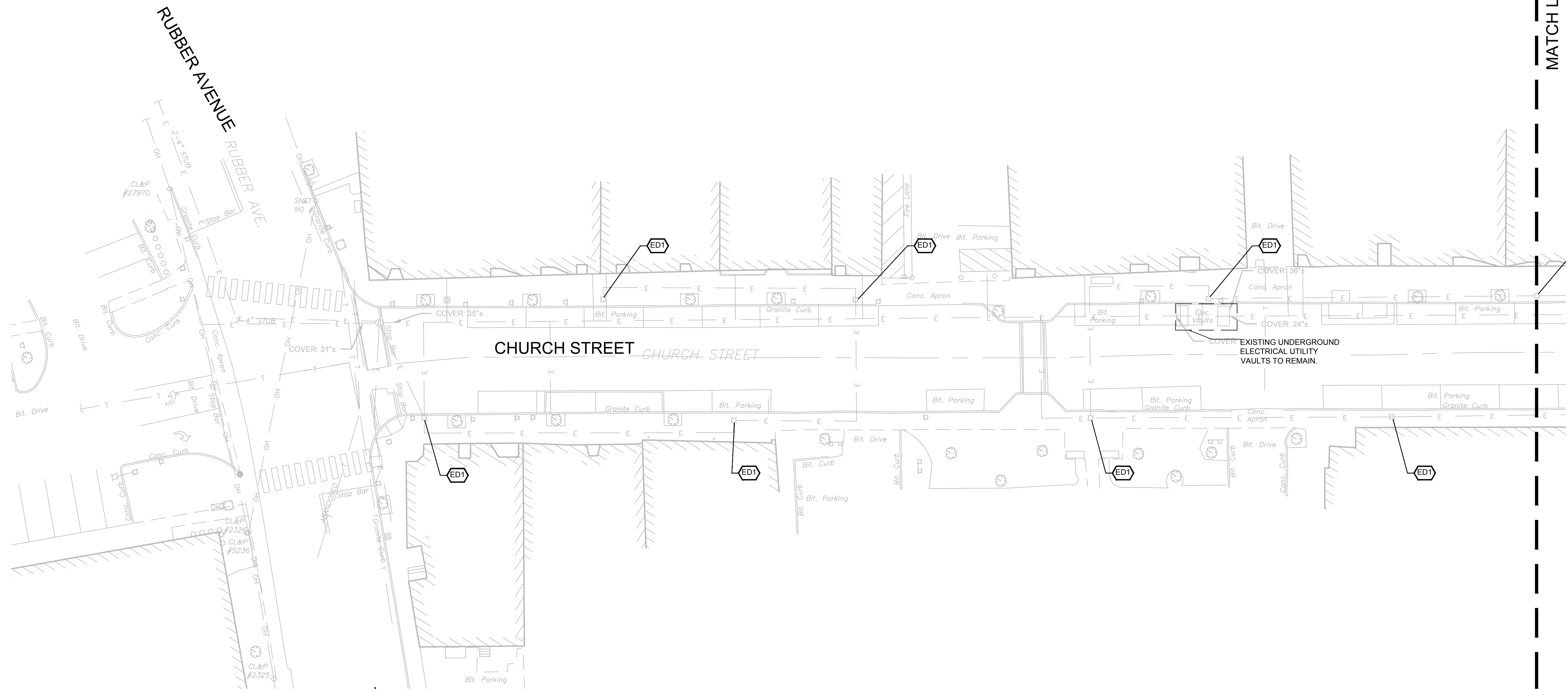
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 Phone: 860-563-7775
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Richter & Cegan Inc.

88 CANAL COURT P.O. BOX 567
 AVON, CT 06001
 PHONE: 860-678-0669
 CONTACT NAME: Gary Guimond
 EMAIL: gguimond@richtercegan.com



MATCH LINE SEE SHEET ELD-03



DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION

SCALE VERIFICATION

THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING

IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

0 20 40
 SCALE: 1" = 20' SCALE IN FEET
 ORIGINAL DRAWING SIZE IS 22 x 34

ELECTRICAL DEMOLITION PLAN
 DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
 BOROUGH OF NAUGATUCK

BOROUGH OF NAUGATUCK
 229 CHURCH STREET
 NAUGATUCK, CT 06770

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PROJECT NO.	20225069.002A
ISSUE DATE	06/30/2023
CURRENT REVISION	IFC
DESIGNED BY	GF
DRAWN BY	JF/AK
CHECKED BY	SH
APPROVED BY	JB

ELD-02

CAD FILE: C:\pwworking\kleinfelder\proj\1\parkia@kleinfelder.com\0213708\ED0_20225069_01_Electrical Demolition Plan.dwg LAYOUT: ELD-02 PLOTTED: 6/29/2023 4:40 PM BY: jacqui.parkins

ELECTRICAL SHEET DEMOLITION NOTES:
 ED1. DISCONNECT AND REMOVE EXISTING LIGHT POLE, FIXTURE AND ASSOCIATED WIRING BACK TO SOURCE. REMOVE ALL EXISTING UNDERGROUND CONDUIT AND ANY ASSOCIATED HANDHOLES.



400 Capital Boulevard, Suite 104
 Rocky Hill, CT 06067
 Phone: 860-563-7775
 www.kleinfelder.com

LANDSCAPE ARCHITECT

Richter & Cegan Inc.

88 CANAL COURT P.O. BOX 567
 AVON, CT 06001
 PHONE: 860-678-0669
 CONTACT NAME: Gary Guimond
 EMAIL: gguimond@richtercegan.com



DRAWING ISSUE

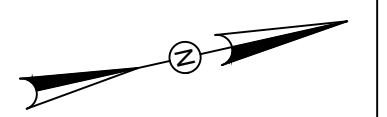
REV	DESCRIPTION	DATE

REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

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SCALE VERIFICATION



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 SCALE: 1" = 20' SCALE IN FEET

ORIGINAL DRAWING SIZE IS 22 x 34

ELECTRICAL DEMOLITION PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
 BOROUGH OF NAUGATUCK



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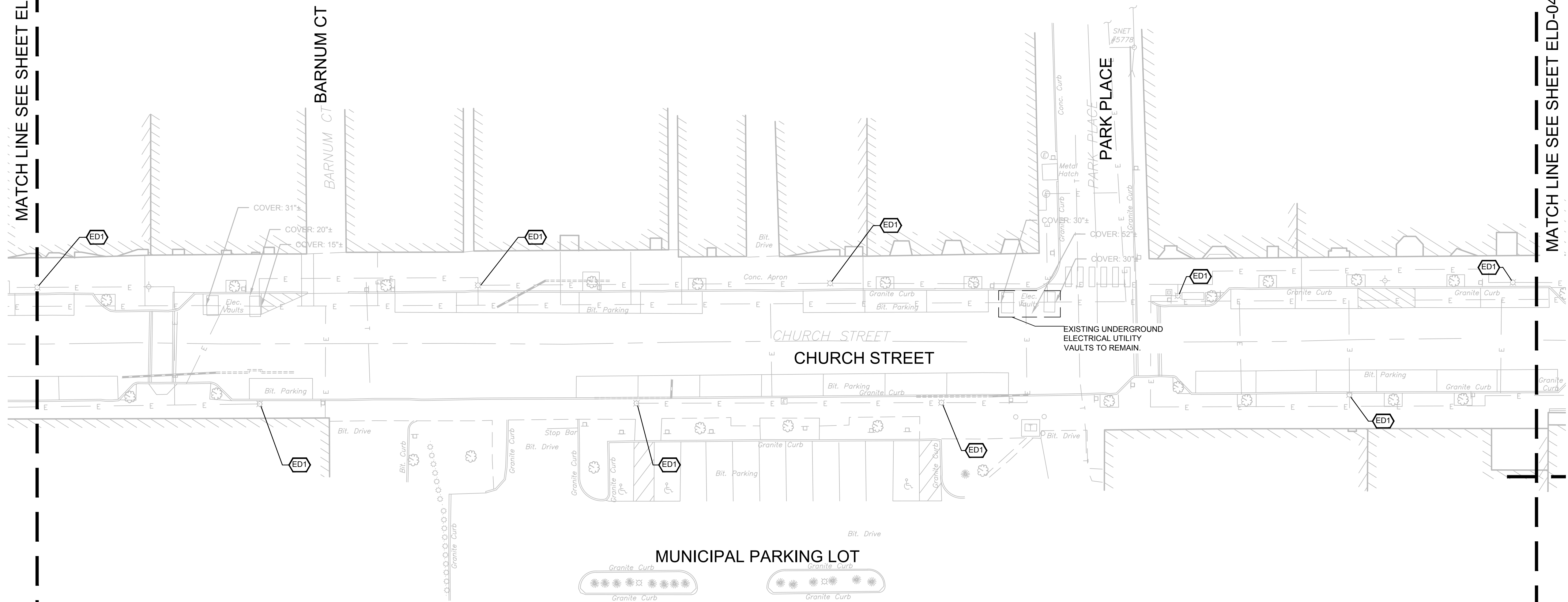
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ELD-03

MATCH LINE SEE SHEET ELD-02

MATCH LINE SEE SHEET ELD-04



CAD FILE: C:\pwworking\kleinfelder\proj\1\parking\ELD-03\ELD-03.dwg PLOTTED: 6/29/2023 4:48 PM BY: jacob.parkins LAYOUT: ELD-03

- ELECTRICAL SHEET DEMOLITION NOTES:**
- ED1. DISCONNECT AND REMOVE EXISTING LIGHT POLE, FIXTURE AND ASSOCIATED WIRING BACK TO SOURCE. REMOVE ALL EXISTING UNDERGROUND CONDUIT AND ANY ASSOCIATED HANDHOLES.
 - ED2. DISCONNECT AND REMOVE EXISTING LIGHTING POLE AND FIXTURE. CAPTURE EXISTING CIRCUITING AND PROVIDE HANDHOLE TO FEED NEW LIGHTING POLE AND FIXTURE AT THIS LOCATION.
 - ED3. DISCONNECT AND REMOVE EXISTING LIGHTING POLE AND FIXTURE. REMOVE CIRCUITING BACK TO LAST REMAINING FIXTURE OR HANDHOLE.
 - ED4. EXISTING LIGHTING POLE AND FIXTURE TO REMAIN. KEEP CIRCUITING CONTINUOUS TO LAST POLE AND POWER SOURCE. (TYPICAL)
 - ED5. EXISTING METERED SERVICE PANEL IN FREESTANDING WEATHERPROOF ENCLOSURE TO REMAIN.



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 88 CANAL COURT P.O. BOX 567
 AVON, CT 06001
 PHONE: 860-678-0669
 CONTACT NAME: Gary Guimond
 EMAIL: gguimond@richtercegan.com



DRAWING ISSUE

REV	DESCRIPTION	DATE

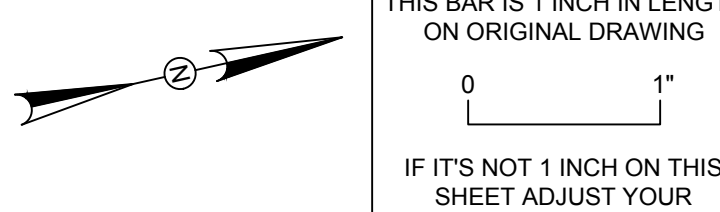
REVISIONS

REV	DESCRIPTION	DSN	CHK	DATE

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ELECTRICAL DEMOLITION PLAN
 DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
 BOROUGH OF NAUGATUCK

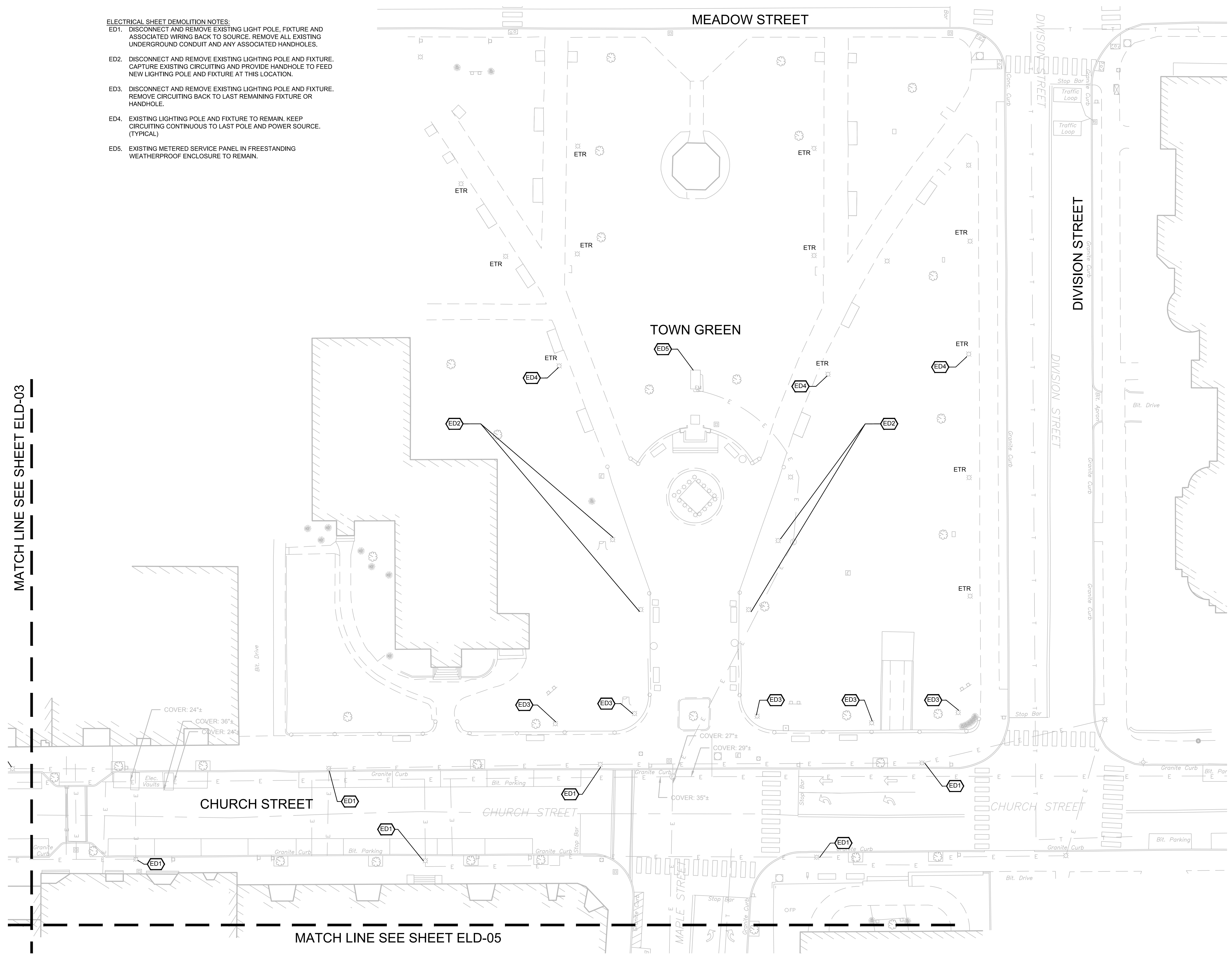


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ELD-04



MATCH LINE SEE SHEET ELD-03

MATCH LINE SEE SHEET ELD-05

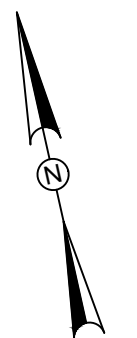
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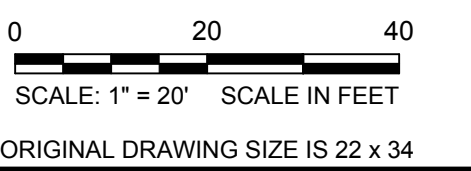
DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION



SCALE VERIFICATION
THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING
0 1"
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ELECTRICAL DEMOLITION PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



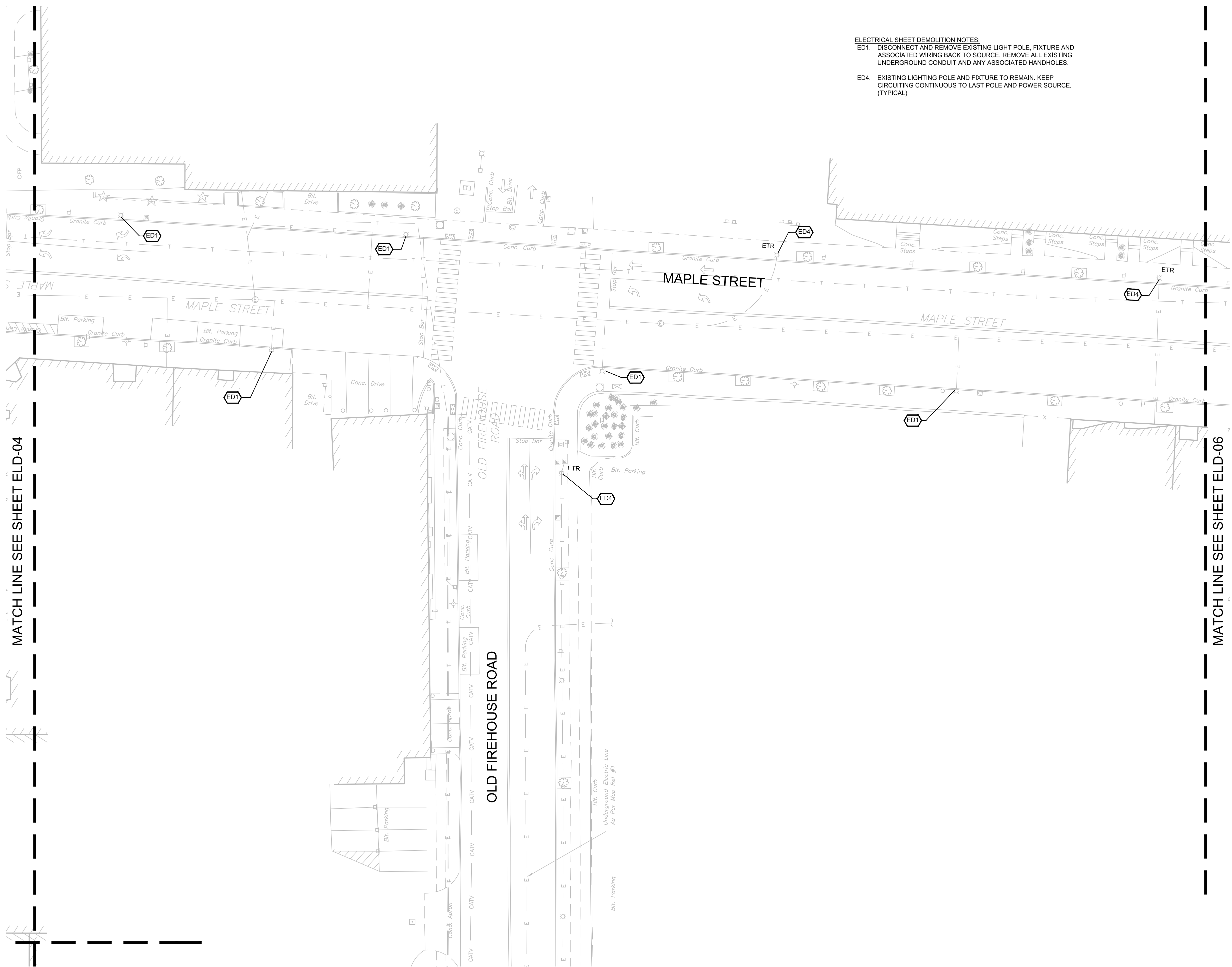
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ELD-05

ELECTRICAL SHEET DEMOLITION NOTES:
ED1. DISCONNECT AND REMOVE EXISTING LIGHT POLE, FIXTURE AND ASSOCIATED WIRING BACK TO SOURCE. REMOVE ALL EXISTING UNDERGROUND CONDUIT AND ANY ASSOCIATED HANDHOLES.
ED4. EXISTING LIGHTING POLE AND FIXTURE TO REMAIN. KEEP CIRCUITING CONTINUOUS TO LAST POLE AND POWER SOURCE. (TYPICAL)



MATCH LINE SEE SHEET ELD-04

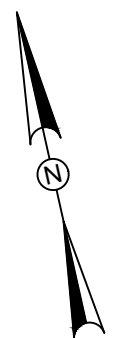
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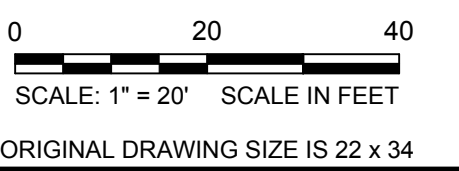
DRAWING ISSUE		
REV	DESCRIPTION	DATE

REVISIONS				
REV	DESCRIPTION	DSN	CHK	DATE

ISSUED FOR CONSTRUCTION



SCALE VERIFICATION
THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING
0 1"
IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY



ELECTRICAL DEMOLITION PLAN

DOWNTOWN SANITARY, STORMWATER AND STREETSCAPE IMPROVEMENTS
BOROUGH OF NAUGATUCK



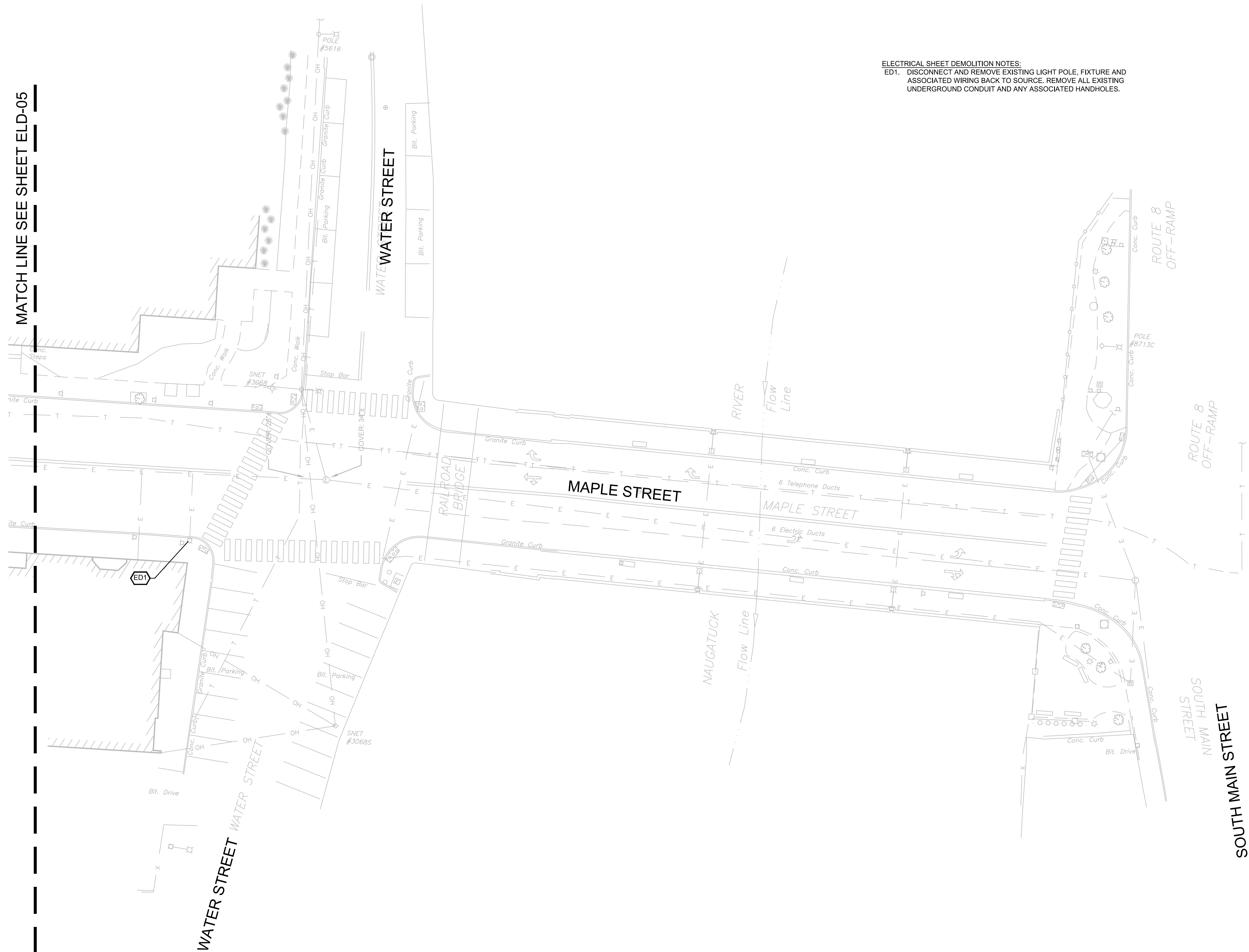
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ELD-06

ELECTRICAL SHEET DEMOLITION NOTES:
ED1. DISCONNECT AND REMOVE EXISTING LIGHT POLE, FIXTURE AND ASSOCIATED WIRING BACK TO SOURCE. REMOVE ALL EXISTING UNDERGROUND CONDUIT AND ANY ASSOCIATED HANDHOLES.



MATCH LINE SEE SHEET ELD-05