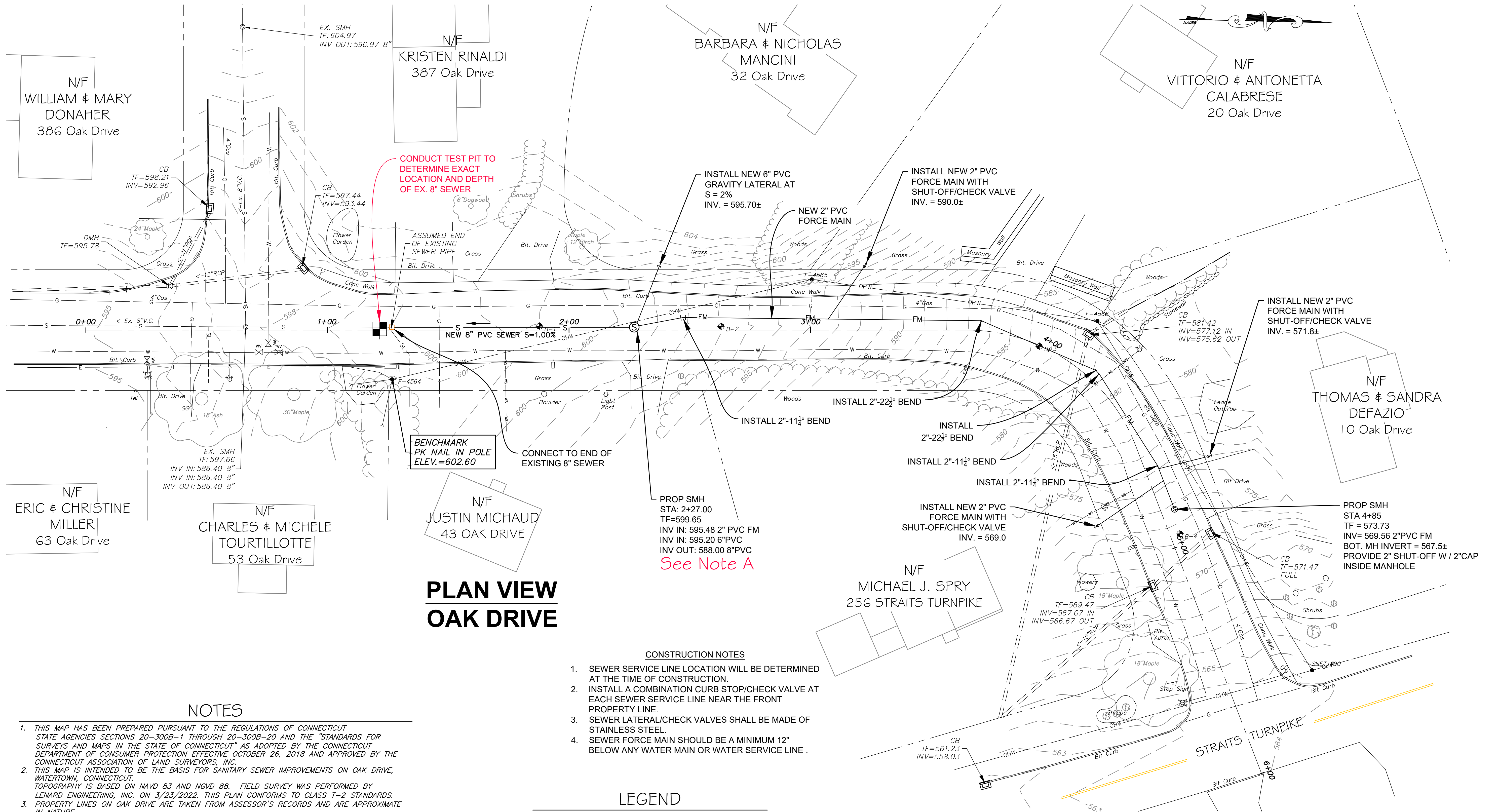




PLAN VIEW OAK DRIVE

NOTES

- THIS MAP HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300B-1 THROUGH 20-300B-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT DEPARTMENT OF CONSUMER PROTECTION EFFECTIVE OCTOBER 26, 2018 AND APPROVED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC.
- THIS MAP IS INTENDED TO BE THE BASIS FOR SANITARY SEWER IMPROVEMENTS ON OAK DRIVE, WATERTOWN, CONNECTICUT.
- TOPOGRAPHY IS BASED ON NAVD 83 AND NGVD 88. FIELD SURVEY WAS PERFORMED BY LENARD ENGINEERING, INC. ON 3/23/2022. THIS PLAN CONFORMS TO CLASS T-2 STANDARDS.
- PROPERTY LINES ON OAK DRIVE ARE TAKEN FROM ASSESSOR'S RECORDS AND ARE APPROXIMATE IN NATURE.
- EXISTING SANITARY SEWER INFORMATION IS BASED ON "TOWN OF WATERTOWN WATER AND SEWER AUTHORITY SANITARY SEWER IMPROVEMENTS IN OAK DRIVE" SHEET 2 OF 4 SCALE: 1"=40' HORIZ. 1"=4' VERT. ACC. NO. 697 CASE 2 DR 9 PLAN 158
- EXISTING WATER MAIN INFORMATION IS BASED ON "TOWN OF WATERTOWN WATER AND SEWER AUTHORITY WATER MAIN IMPROVEMENTS IN OAK DRIVE" SHEET 4 OF 6 SCALE 1"=40' HORIZ. 1"=4' VERT. ACC. NO. 703 CASE 2 DR 8 PLAN 94.
- TEST BORINGS PERFORMED ON 1/4/2022 BY ASSOCIATED BORINGS CO. INC. NAUGATUCK, CONNECTICUT (203) 729-5435.
- ALL UNDERGROUND UTILITY, STRUCTURE AND FACILITY LOCATIONS DEPICTED AND NOTED HEREON HAVE BEEN COMPILED, IN PART FROM RECORD MAPPING AND PAINT MARKOUT BY THE RESPECTIVE UTILITY COMPANIES. THESE LOCATIONS MUST BE CONSIDERED AS APPROXIMATE IN NATURE. THE SIZE, LOCATION AND EXISTENCE OF ALL SUCH FEATURES MUST BE FIELD DETERMINED AND VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO CONSTRUCTION. CALL-BEFORE-YOU-DIG 1-800-922-4455

LEGEND

---	APPROX. PROPERTY LINE
⊙	EX. SANITARY SEWER MANHOLE
⊙	PROP. SANITARY SEWER MANHOLE
---	EX. SANITARY SEWER LINE
---	EX. SANITARY SEWER LATERAL
---	PROP. SANITARY SEWER LINE
---	PROP. SANITARY FORCE MAIN
---	EX. WATER MAIN
---	EX. WATER SERVICE LINE
---	EX. WATER SHUTOFF
---	EX. GAS MAIN
---	EX. GAS VALVE
---	EX. GROUND CONTOUR
---	EX. STORM DRAINAGE PIPE
---	OVERHEAD ELECTRIC LINE
⊙	TEST BORING

NOTE A:

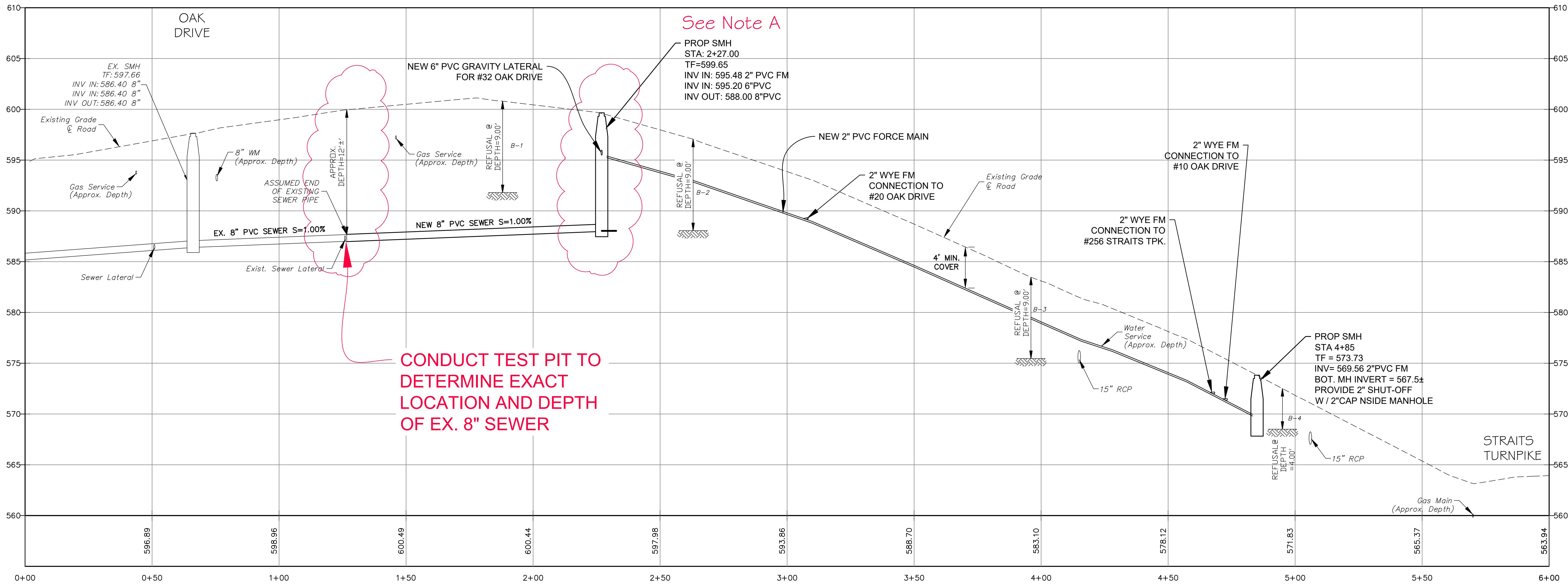
Only order manhole after digging test pit for end of existing 8" sewer. Depending on depth and slope of existing 8" sewer, this manhole invert and location may need to be adjusted.

Designed By:	JED
Drawn By:	KLD
Checked By:	JEE
CAD File:	LEbase

Drawing Scale:	1"=20'		
Drawing date:	MAY 27, 2022		
Rev.	Date	Revision	Comments
1	6/28/22	REVISED PER TOWN COMMENTS	

PROPOSED SANITARY SEWER IMPROVEMENTS	PREPARED FOR
TOWN OF WATERTOWN	
WATER & SEWER DEPARTMENT	
OAK DRIVE, WATERTOWN, CONNECTICUT	

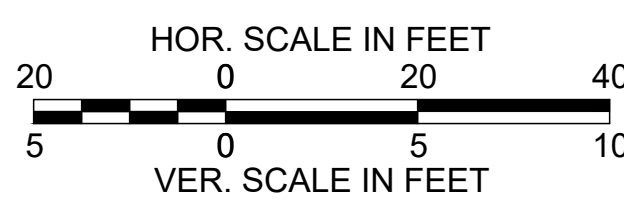
Lenard Engineering, Inc.	Civil, Environmental and Hydrogeological Consultants
2210 Main Street	19 Midstate Drive
GLASTONBURY, CT 06033	AUBURN, MA 01501
(860) 659-3100	(508) 376-6666



PROFILE
OAK DRIVE

NOTE A:
Only order manhole after digging test pit for end of existing 8" sewer. Depending on depth and slope of existing 8" sewer, this manhole invert and location may need to be adjusted.

- CONSTRUCTION NOTES**
- SEWER SERVICE LINE LOCATION WILL BE DETERMINED AT THE TIME OF CONSTRUCTION.
 - INSTALL A COMBINATION CURB STOP/CHECK VALVE AT EACH SEWER SERVICE LINE NEAR THE FRONT PROPERTY LINE.
 - SEWER LATERAL/CHECK VALVES SHALL BE MADE OF STAINLESS STEEL.
 - SEWER FORCE MAIN SHOULD BE A MINIMUM 12" BELOW ANY WATER MAIN OR WATER SERVICE LINE.



- NOTES :**
- UNDERGROUND UTILITY, STRUCTURE AND FACILITY LOCATIONS DEPICTED AND NOTED HEREON HAVE BEEN COMPILED, IN PART, FROM RECORD MAPPING SUPPLIED BY THE RESPECTIVE UTILITY COMPANIES OR GOVERNMENT AGENCIES. THESE LOCATIONS MUST BE CONSIDERED AS APPROXIMATE IN NATURE. THE SIZE, LOCATION AND EXISTENCE OF ALL SUCH FEATURES MUST BE FIELD DETERMINED AND VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO CONSTRUCTION. CALL BEFORE YOU DIG 1-800-922-4455.

Designed By:
JED

Drawn By:
KLD

Checked By:
JEE

CAD File:
LEIbase

Rev.	Date	Revision	Comments
1	6/28/22	REVISED PER TOWN COMMENTS	

Drawing date:
MAY 27, 2022

Drawing Scale:
1"=20'

PROPOSED SANITARY SEWER PROFILE

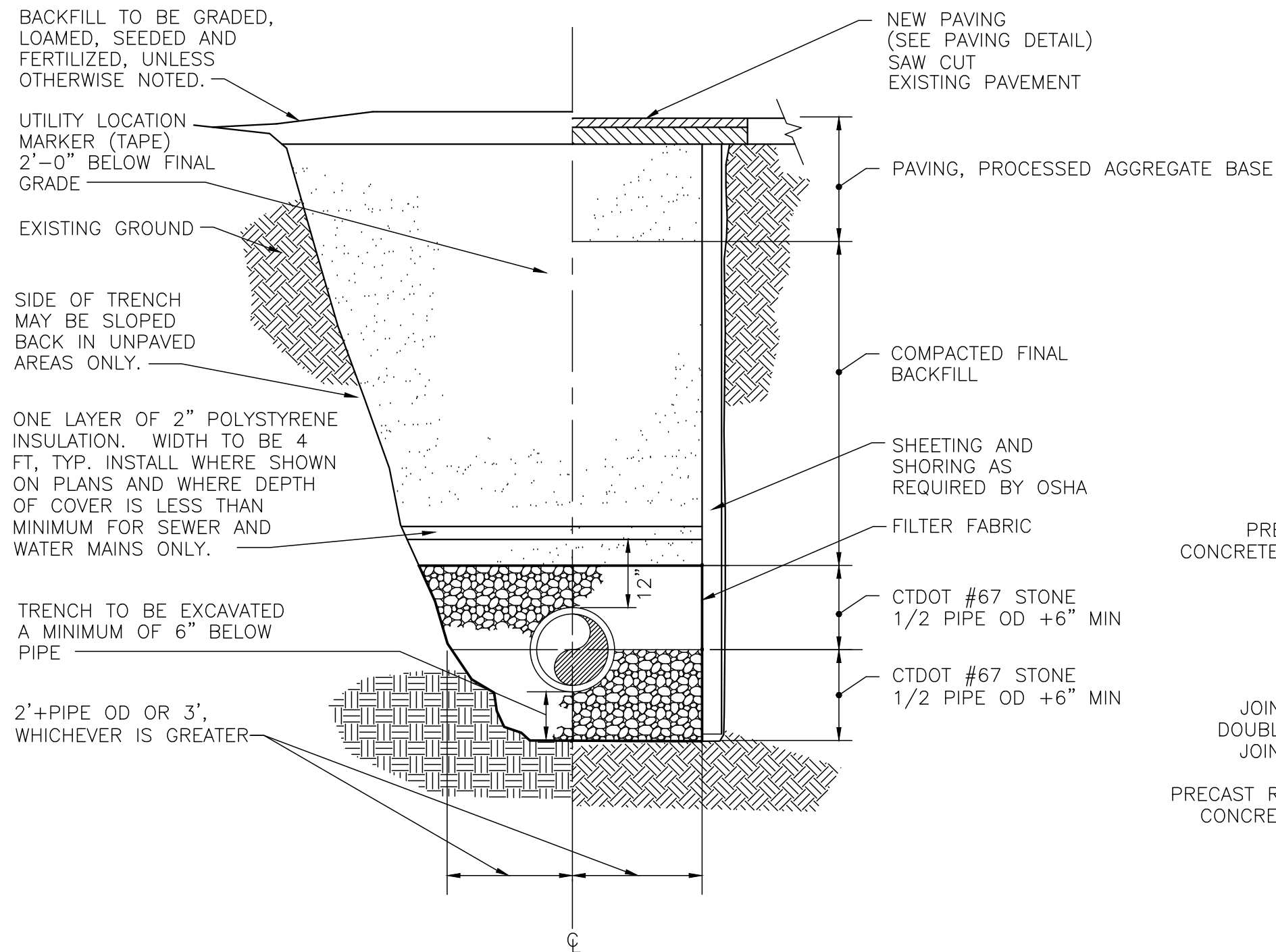
PREPARED FOR
TOWN OF WATERTOWN
WATER AND SEWER DIVISION
OAK DRIVE, WATERTOWN, CONNECTICUT

Lenard Engineering, Inc.
Civil, Environmental and Hydrogeological Consultants
2210 Main Street
GLASTONBURY, CT
(860) 659-3100

19 Midstate Drive
AUBURN, MA
(508) 721-7600

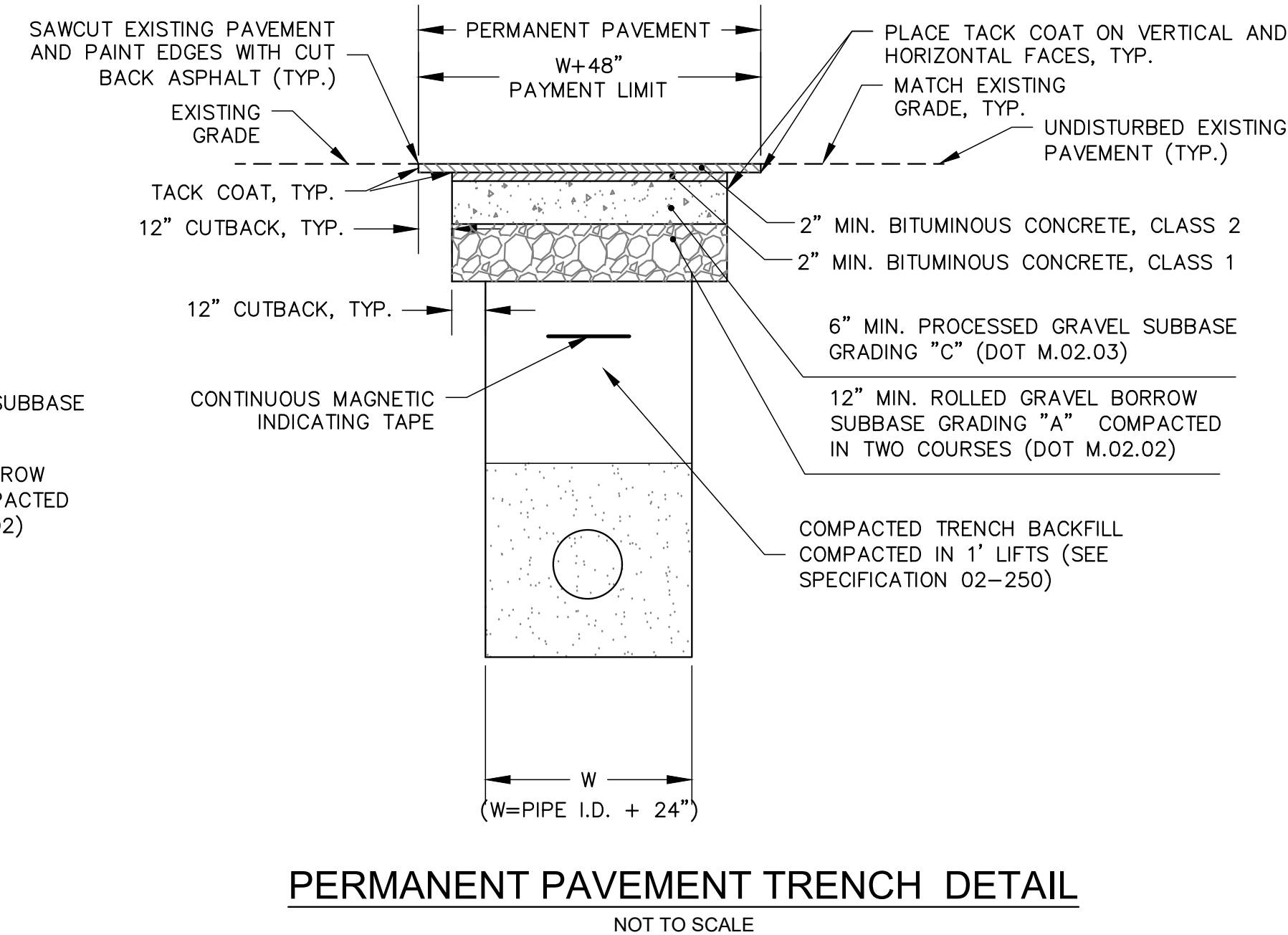
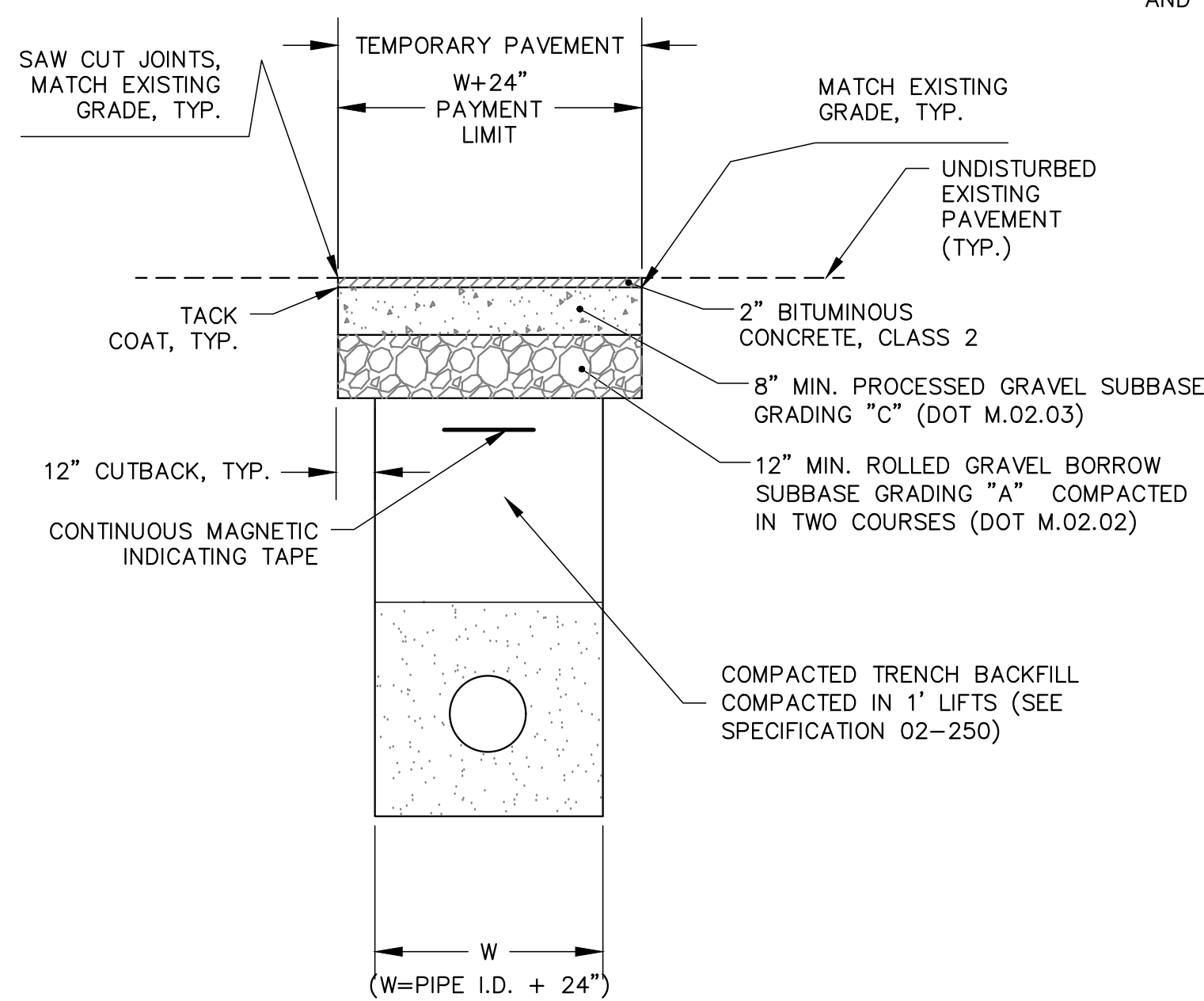
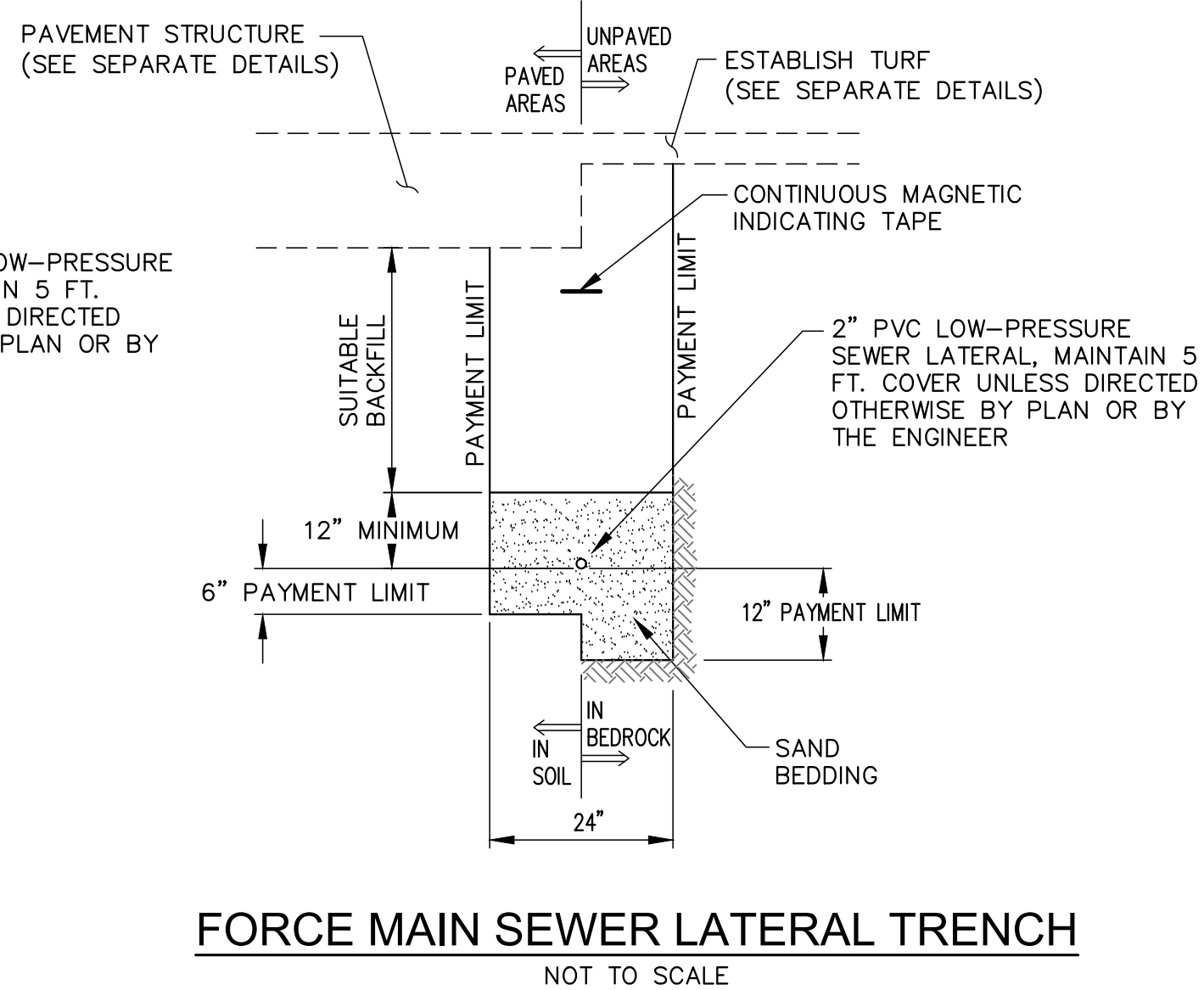
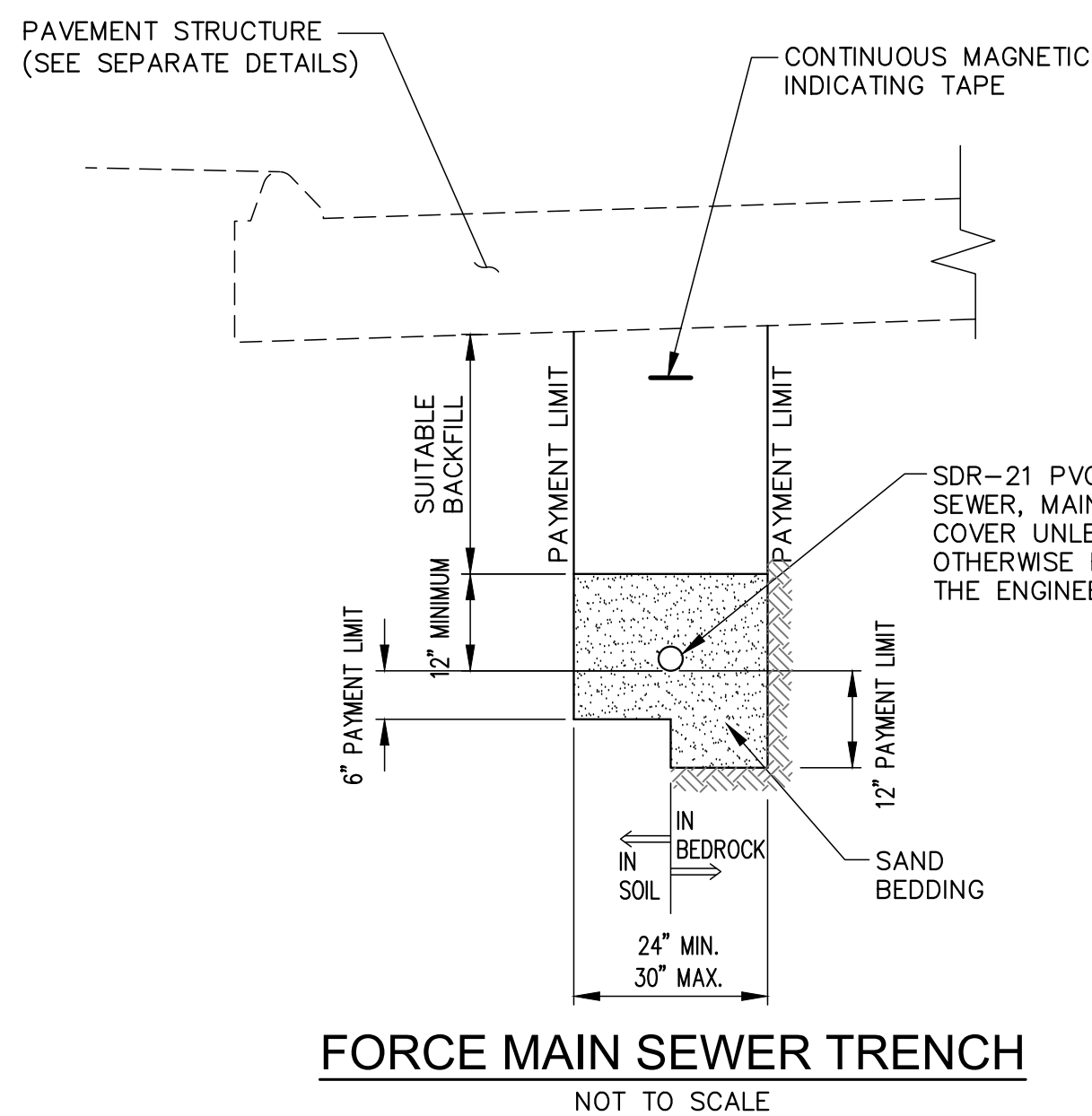
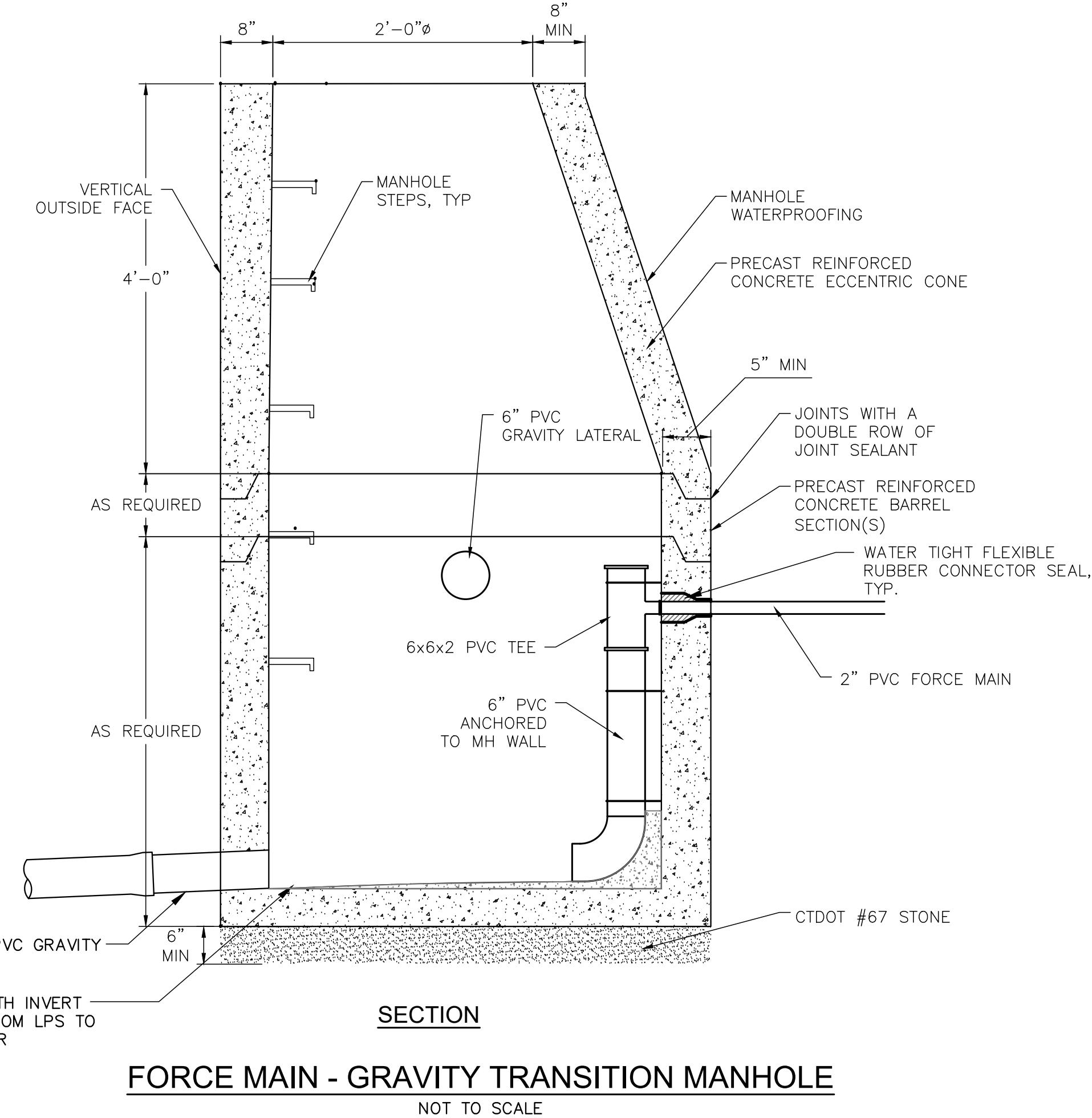
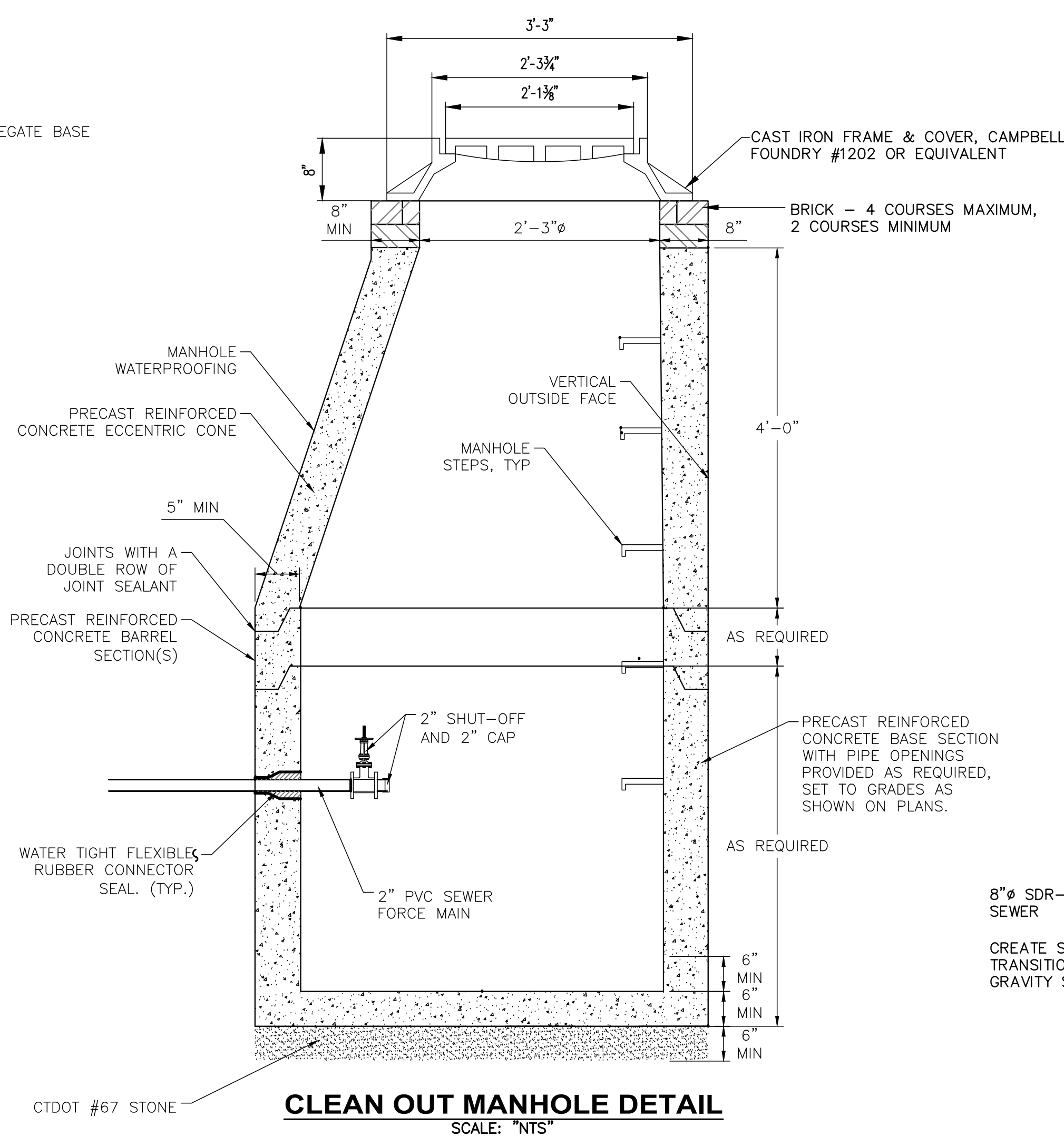
Drawing #:
2 of 3

Job #:
22-322



- NOTES:
1. ALL EXCAVATION MUST MEET OSHA STANDARDS
 2. INSTALL 3 FOOT LONG IMPERVIOUS MATERIAL (GLACIAL TILL) DAM IN BEDDING/INITIAL BACKFILL MATERIAL EVERY 100' TO PREVENT TRENCH GROUND WATER FROM BEING CHANNLED ALONG BEDDING/INITIAL BACKFILL.
 3. SEE SPECIFICATIONS FOR BEDDING AND BACKFILL REQUIREMENTS.

SEWER PIPE TRENCH DETAIL
SCALE: "NTS"



NOTE:
THE TOWN WILL DIRECT THE CONTRACTOR WHERE AND WHEN TO USE TEMPORARY TRENCH PATCH. TEMPORARY TRENCH PATCH WILL NOT BE USED IN ALL AREAS.

Designed By: JED	Drawn By: KLD	Checked By: JEE	CAD File: Details
Drawing Scale: As Noted			
Drawing date: MAY 27, 2022			
Rev.	Date	Revision	Comments
1	6/28/22		REVISED PER TOWN COMMENTS
SANITARY SEWER DETAILS			
PREPARED FOR TOWN OF WATERTOWN WATER & SEWER DEPARTMENT OAK DRIVE, WATERTOWN, CONNECTICUT			
Lenard Engineering, Inc. Civil, Environmental and Hydrogeological Consultants 2210 Main Street GLASTONBURY, CT 06033 (860) 659-3100 19 Midstate Drive AUBURN, MA 01501 (508) 721-7600			
Drawing #: 3 of 3			
Job #: 22-322			