

SITE CONSTRUCTION PLANS FOR GATEWAY NORTH MIXED USE TOWN OF SMYRNA, KENT COUNTY, DELAWARE

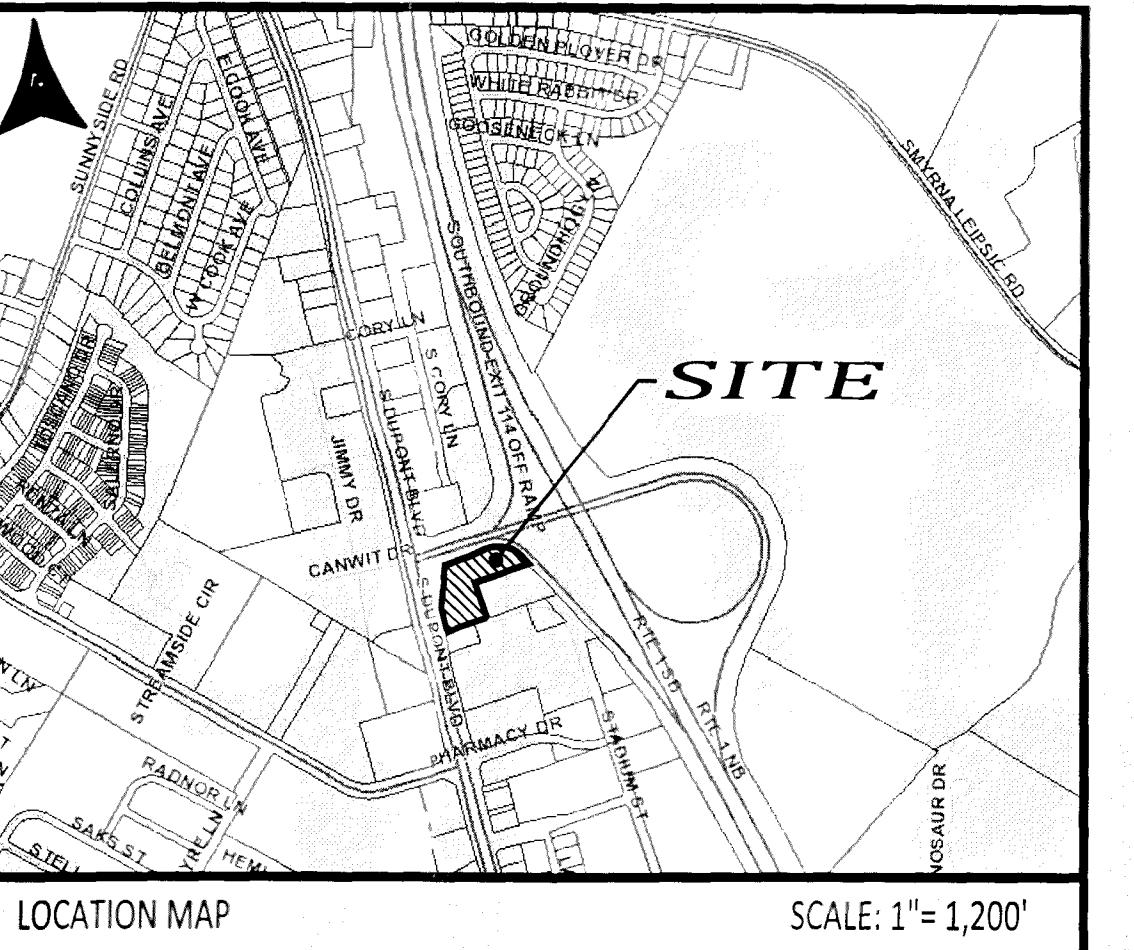
TOWN OF SMYRNA GENERAL NOTES

- Tax Parcel Number: DC-17-019.00-01-62.00-000
- Existing Zoning: SCZ - South Corridor Zone
- Source of Title: D 4537 0253 D 4515 0074 D 2002 0011
- Owner/Developer Address: Khokhar, LLC., 129-06 18th Avenue College Point, NY 11356
- Property Address: DuPont Blvd, Smyrna, DE 19977
- Datum: Vertical: NAVD 88
Horizontal: NAD 83
- Project Benchmark: Concrete monument, northwest corner of site
Elev.=40.40
- Existing Site Area: 2.890± Acs.
- Proposed Site Area: 2.890± Acs.
- Site Cover Breakdown: Existing - Grass.....100.00% (2.8905 Acs.)
Proposed - Building.....12.71% (0.3673 Acs.)
Impervious.....62.12% (1.7955 Acs.)
Grass.....25.17% (0.7277 Acs.)
- Area of Disturbance: 2.75± Acs.
- Existing Use: Empty Lot
- Proposed Land Use: 16,000 s.f. Retail and 36 Residential Apartment Units
- Total Number of Lots: 1
- Purpose of Plan: The purpose of these plans is to construct 16,000 s.f. of retail and 36 residential apartment units.
- Area Regulations: Required
Maximum Building Height: 45' (Three stories)
Lot Width: 50' (min.)
Lot Depth: 100' (min.)
Front Yard Setback: 5' (min.) 15' (max.)
Side Yard Setback: 0'
Rear Yard Setback: 0'
- Parking Requirements:
Section 6.1(A)(9)(1) Retail.....5 spaces per 1,000 Sq. Ft. of G.F.A.
16,000/1,000 (5)= 80 spaces
Section 6.1(A)(9)(a)(v) 1 BR Apartment.....1.5 spaces per Unit
4 Units (1.5)= 6 spaces
2/3 BR Apartment.....2 spaces per Unit
28 Units (2)= 56 spaces
Total Parking Required...142 spaces (including 5 ADA spaces)
- Parking Proposed: 153 spaces
-147 standard spaces
- 6 handicap accessible (5 van accessible)
-10 bicycle spaces (two racks)
- Loading Area Requirements: 1 required (8,000-25,000 Sq. Ft. Retail)
Loading Areas Proposed: 1
- Monumentation: Existing: 1 CMF , 6 CPO
Proposed: 2 CPO
- Common Amenity Space Requirements: Section 5.22K(2) - Each site having at least 20,000 square feet or more shall provide at least one common amenity space area with a size at least 2.5% of the parcel size.
Common Amenity Space Required: 12,888 square feet x 2.5% = 3,147 square feet
Common Amenity Space Provided: 4,600 square feet
- Utilities:
A. Water Supply: Town of Smyrna. Subject to the approval of the Delaware State Department of Natural Resources and Environmental Control, the Delaware State Division of Public Health, and the Town of Smyrna.
B. Sanitary Sewer: Town of Smyrna. Subject to the approval of the Delaware State Department of Natural Resources and Environmental Control, the Delaware State Division of Public Health, and the Town of Smyrna.
Projected Sanitary Sewer Flow Data:
Average Daily Flow (retail/restaurant uses assumed):
Retail: 14,173 S.F. (0.05 GPD) = 709 GPD
Restaurant: 50 seats (25 GPD) = 1,250 GPD
Apartment: 32 units (200 GPD) = 6,400 GPD
Total= 8,359 GPD
Peak Flow = 33,436 GPD
- Storm Drainage: All on-site drainage facilities shall be privately owned and maintained. Drainage facilities shall be in accordance with the Town of Smyrna "Standard Specifications and Details", and the Delaware Sediment and Stormwater Regulations dated 2019 or as later amended.
- Electric: Town of Smyrna. Subject to the Town's approval.
- Existing Fire Hydrants: 2
Proposed Fire Hydrants: 0

- Delaware regulations prohibit the burial of construction/demolition debris, including trees and stumps on construction sites. Any solid waste found during excavation must be removed and properly discarded off-site at an approved landfill.
- All fire lanes, fire hydrants, fire department connections, sprinklers, standpipe connections, and fire exits shall be marked and/or protected in accordance with the State Fire Protection Regulations.
- A 20' utility easement, 10' respectively, on each side of the centerline of the pipe, shall be created, wherever possible, where a sanitary sewer, storm sewer, water, or electric, is designated for public use and is outside of the dedicated public right-of-way.
- In addition to easements shown on this plan, a six-foot strip is hereby reserved as an easement for utilities on each lot, around the entire perimeter of each lot.
- Developer shall preserve all trees on this site, except where necessary to construct buildings, parking, accessways, recreational facilities and utilities, and selective thinning of existing trees. Specific species of plant materials as designated on this plan or the landscape plan (if such a plan is an integral part of this plan) shall be preserved and properly protected during construction.
- All common facilities including, but not limited to, paved areas, sidewalks, curbing, landscaping, public open space, and/or drainage facilities shall be kept in good repair and maintained in a safe sanitary condition.
- All public utilities including, but not limited to, electric, gas, and telephone, shall be placed underground within the subdivision and land development. Such utilities shall be installed in strict accordance with the prevailing standards and practices of the utility, or other company providing service, except where it is demonstrated to the satisfaction of the Town of Smyrna that underground installations are not feasible because of physical conditions of the land.
- A landscape plan prepared by Designs, Etc, last dated 3/11/21, or as amended and approved in writing by the Town of Smyrna, is hereby considered a part of the record plan.
- Ground control survey by Larson Engineering Group, Inc. in May 2018. Vertical controls are referenced, benchmarks as noted on plans.
- According to the Federal Emergency Management Agency Flood Insurance Rate Map Nos. 100-1C062J and 10001C0064J, effective dates July 7, 2014, this site falls within Zone X, which has been determined to be outside the 0.2% annual chance flood plain.
- The developer shall construct concrete sidewalks as shown on this plan.
- Owner and/or developer will be responsible for maintenance of sediment and stormwater controls during construction and for long-term maintenance of stormwater controls until all lots have been sold. At that time responsibility for long-term maintenance of stormwater controls shall be assumed by the homeowners/commercial lot owners association.
- All lots and open space areas shall be provided with at least six inches of topsoil upon completion of grading and construction of individual lots and open space areas. All such areas shall be seeded, sodded, or otherwise landscaped.
- 48-hour notice must be given to the Town of Smyrna prior to any construction activity starting.
- All construction and materials shall be in accordance with the Town of Smyrna's "Standard Specifications and Details".
- All site improvements, including landscaping, permanent site stabilization, and permanent stormwater management facilities shall be in place and approved, prior to issuance of a certificate of occupancy.
- As-built plans are required to be submitted to the Town for review and approval before dedication of any improvements are accepted by the Town.
- The Contractor is required to maintain a copy of the current Town of Smyrna Standard Specifications and Details Manual, and a set of the approved construction plans, on the site at all times during construction.
- Site development is to be constructed per Sediment & Stormwater Management Plans approved by Kent Conservation District on January 12, 2022.
- For maintenance declaration of open spaces, landscaping and/or stormwater management facilities, see deed restrictions, dated April 15, 2005 and of record in the Office of the Recorder of Deeds, in and for Kent County, State of Delaware, deed record book 702, page 278.
- The following variance was granted by the Town of Smyrna Board of Adjustment, project number 21-005, on February 24, 2021
a. To install a twelve stall parking lot in front of the southern half of the proposed mixed use building along US Route 13. (Parking not permitted in front of building in SCZ zone) see Zoning: Section 5.22J - Parking Lot Design.
- Magnetic indicator tape shall be installed 12" below grade for sanitary sewer gravity mains.
- Miss Utility of Delmarva shall be notified three (3) consecutive working days prior to excavation, at 811 or 1-800-282-8555.

EXCEPTIONS TABLE		
EXCEPTION	PURPOSE	REFERENCE
Declaration of Stormwater Management, Cross Access and Shared Easement	Blanket Easement	DR702, Pag 278
Cross Easement	Right of access through adjacent parcel DC-17-019.00-01-63.00-000	DR413, Pag 79
Electric Easement	Electric line access	Plot Book 77, Page 26
Utility Easement	Water line access	Plot Book 77, Page 26
Utility Easement	Sanitary and water line access	Plot Book 82, Page 85

Notice: These drawings are for design purposes only and do not represent the final record drawing. They are the exclusive property of Larson Engineering Group, Inc. and shall not be used, altered or copied without written permission.



LOCATION MAP

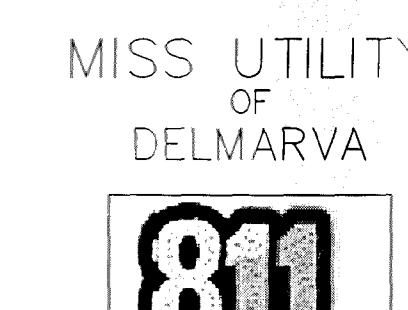
SCALE: 1"= 1,200"

GENERAL NOTES

- These drawings show information obtained from the best available records regarding pipes, conduits, telephone lines, and other structures and conditions which exist along the lines of the work at and below the surface of the ground. The owner and engineer disclaim any responsibilities for the accuracy or completeness of said information given. If the contractor relies on said information, he does so at his own risk. The giving of the information on the contract drawings will not relieve the contractor of his obligations to support and protect all pipes, conduit, telephone lines, and other structures/improvements.
- The contractor shall notify the following, two (2) weeks prior to the start of construction and shall coordinate construction and erosion control with the utility companies involved:
Miss Utility 1-800-282-8555
Town of Smyrna Planning 1-302-653-3466
Kent County Soil Conservation District 1-302-741-2600
Larson Engineering Group, Inc. 1-302-731-7434
- All construction shall be marked for traffic and pedestrian safety.
- The contractor shall provide all equipment, labor, and materials for any miscellaneous or test pit excavations required by the engineer.
- The owner is responsible for the acquisition of all easements, both permanent and temporary.
- The contractor assumes all responsibility for any deviations from these plans unless said deviation is approved by the engineer. Contractor shall receive written permission from the engineer if a deviation of the plans is necessary.
- All disturbed areas shall be smoothly graded to provide positive drainage in the direction of flow arrows herein and stabilized with topsoil, seed, and mulch. If settlement occurs, topsoil seed, and mulching shall be repeated until settlement subsides (see erosion and sediment control specifications).
- Trenches shall not remain open overnight. If it is necessary for trenches to remain open, steel plates capable of bearing traffic shall be used to completely cover the trench openings.
- All sediment and erosion control facilities shall conform to Delaware Erosion and Sediment Control Handbook 2003, or newest edition.
- All fire lanes, fire hydrants, and Fire Department connections shall be marked in accordance with the State Fire Protection regulations.
- Topography was field generated by Larson Engineering Group, Inc. May 2018.
- Boundary information was prepared by Larson Engineering Group, Inc. May 2018.
- The Kent Conservation District reserves the right to add, modify or delete any erosion and sediment control measures as it deems necessary.
- The owner shall be responsible for all Stormwater facility maintenance.
- The Kent Conservation District reserves the right to enter private property for purposes of periodic site reviews.
- All construction/demolition debris shall be removed off-site to an approved solid waste facility.
- All construction shall be done in accordance with the Town of Smyrna Standard Specifications and Details, dated June 2017.
- All handicapped accessible features and parking spaces are to be constructed and signage placed in accordance with ADA regulations.
- A wetland delineation was performed by Back Creek Environmental Consulting, LLC, an Army Corps of Engineers and/or society of wetlands scientists certified delineator, during the month of March 2021, in accordance with the 1987 code delineation manual and associated guidance. This site is not impacted by federally regulated wetlands.
- The site is located within an area having a zone designation "X" (Area of minimal flood hazard) by the Secretary of Housing and Urban Development, on F.I.R.M. Map Nos. 10001C0062J and 10001C0064J, with a date of July 7, 2014, for community number 100017, in Kent County, Delaware.

CONSTRUCTION PLANSHEET INDEX

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SD-7	DETAIL SHEET
SD-8	DETAIL SHEET
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UP-2	SANITARY SEWER PROFILES
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UP-4	UTILITY DETAIL SHEET
UP-5	UTILITY DETAIL SHEET
UP-6	UTILITY DETAIL SHEET
UP-7	UTILITY DETAIL SHEET
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ES-1	PRE-CONSTRUCTION SITE STORMWATER MANAGEMENT PLAN
ES-2	CONSTRUCTION SITE STORMWATER MANAGEMENT PLAN
ES-3	EROSION & SEDIMENT CONTROL NOTES AND DETAILS
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ES-5	EROSION & SEDIMENT CONTROL NOTES AND DETAILS
FP-1	FIRE PROTECTION PLAN
LS-1	LANDSCAPE PLAN
LS-2	LANDSCAPE DETAILS
LP-1	LIGHTING PLAN



"KNOW WHAT'S BELOW
CALL BEFORE YOU DIG"
PROTECT YOURSELF, GIVE FIVE
WORKING DAYS NOTICE

OWNER'S CERTIFICATION

I, [Signature], hereby certify that these improvement construction plans were prepared at our direction, and that I will construct the improvements as shown on these plans.

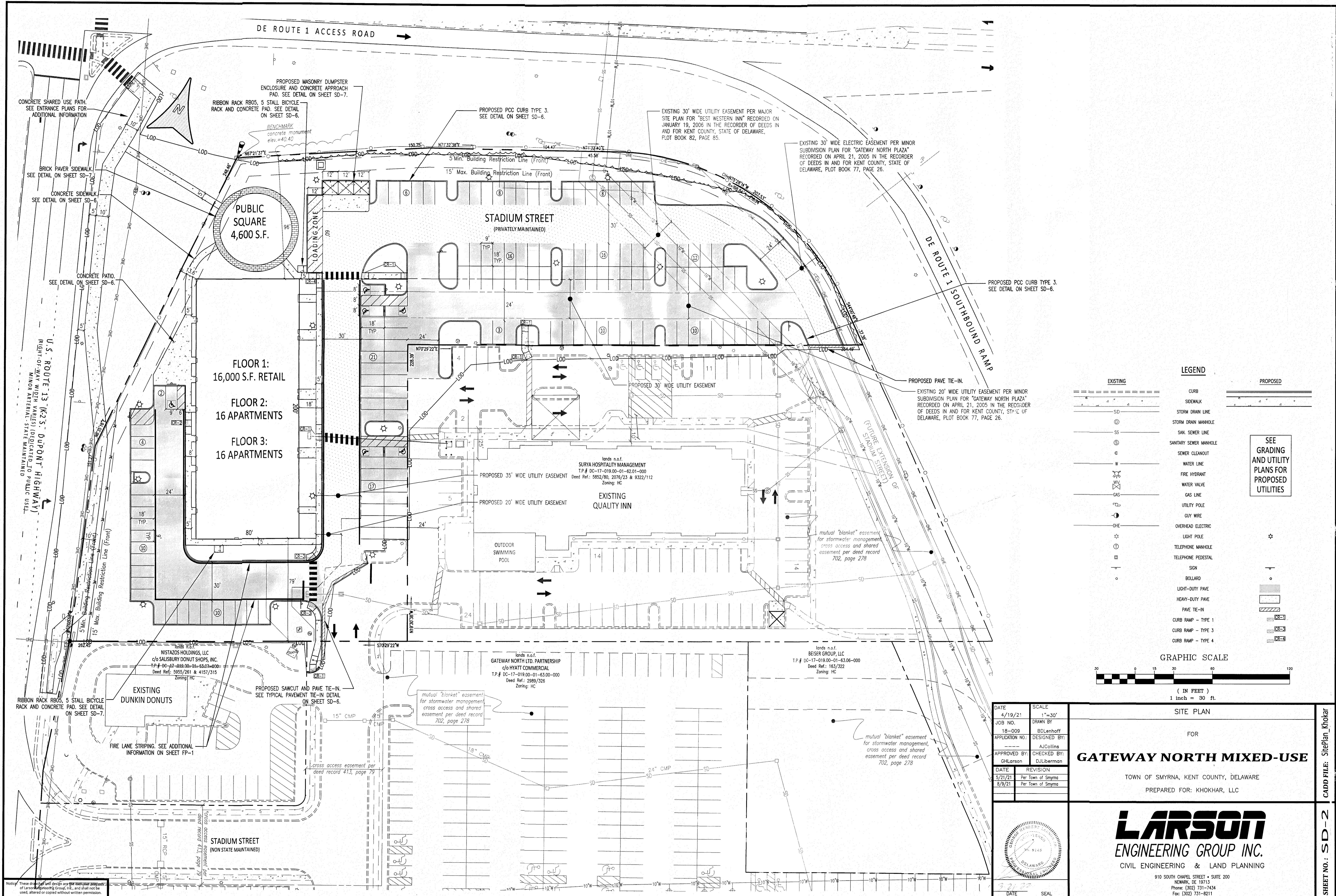
Date: 3/16/2022
Signature: [Signature]

ENGINEER'S CERTIFICATION

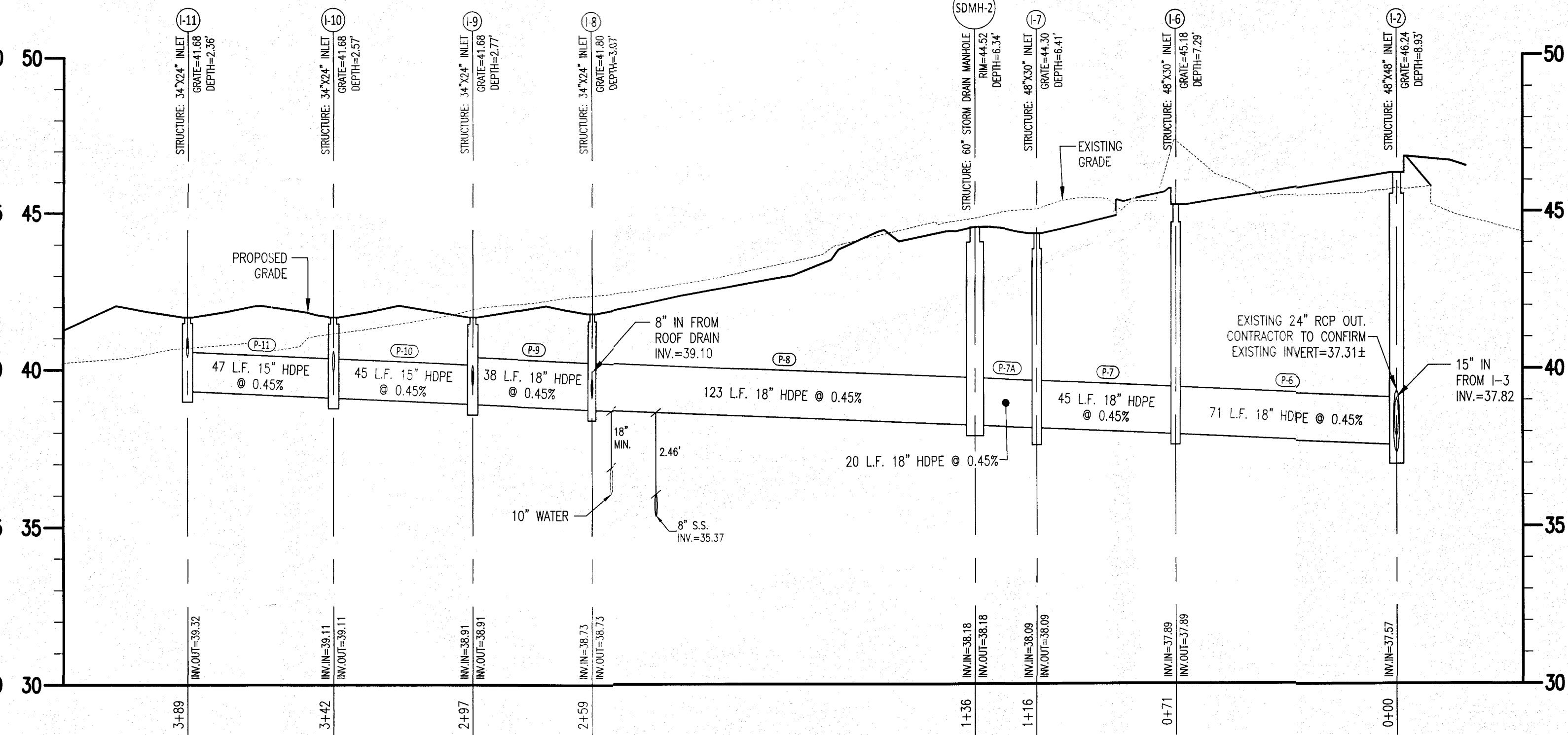
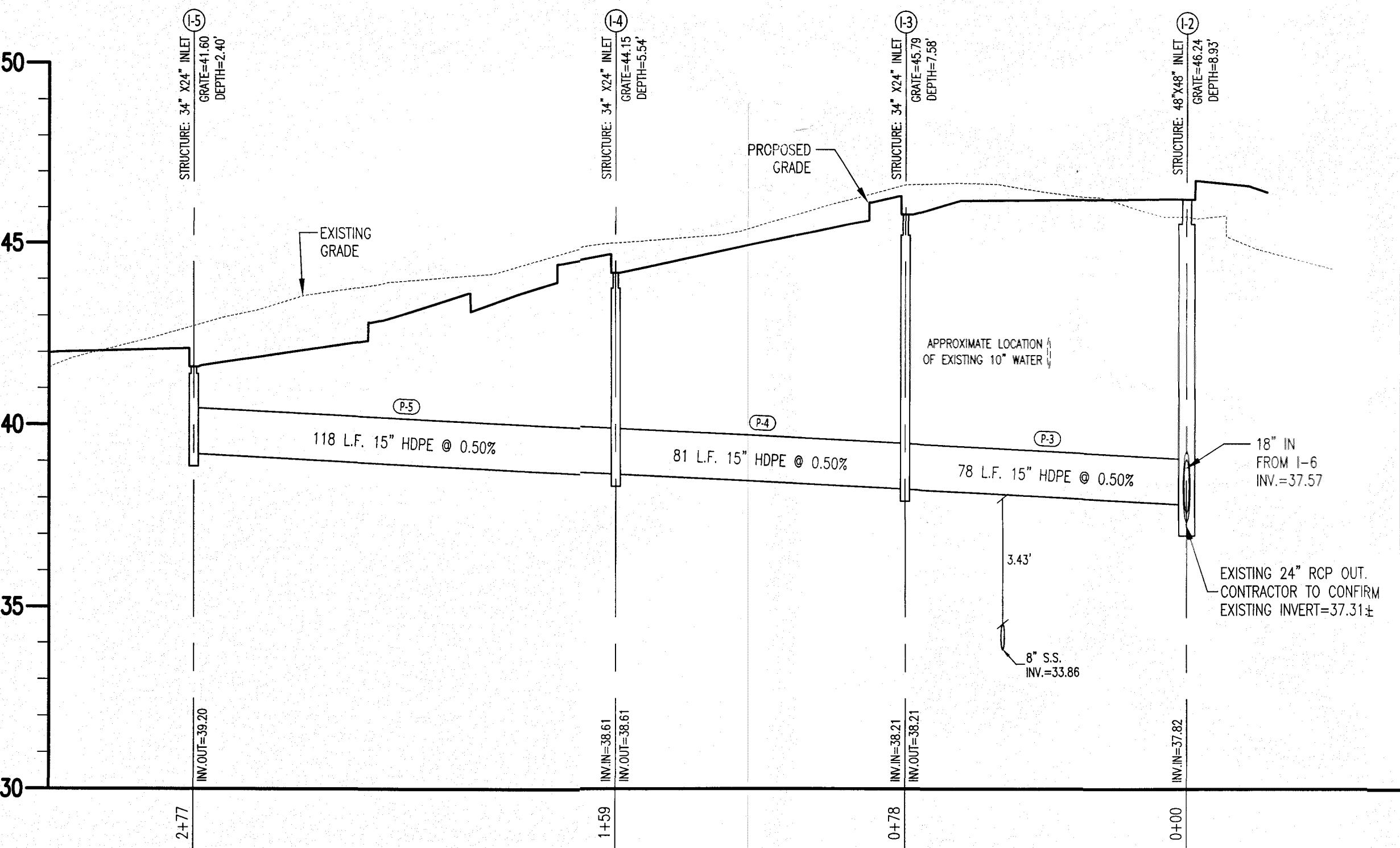
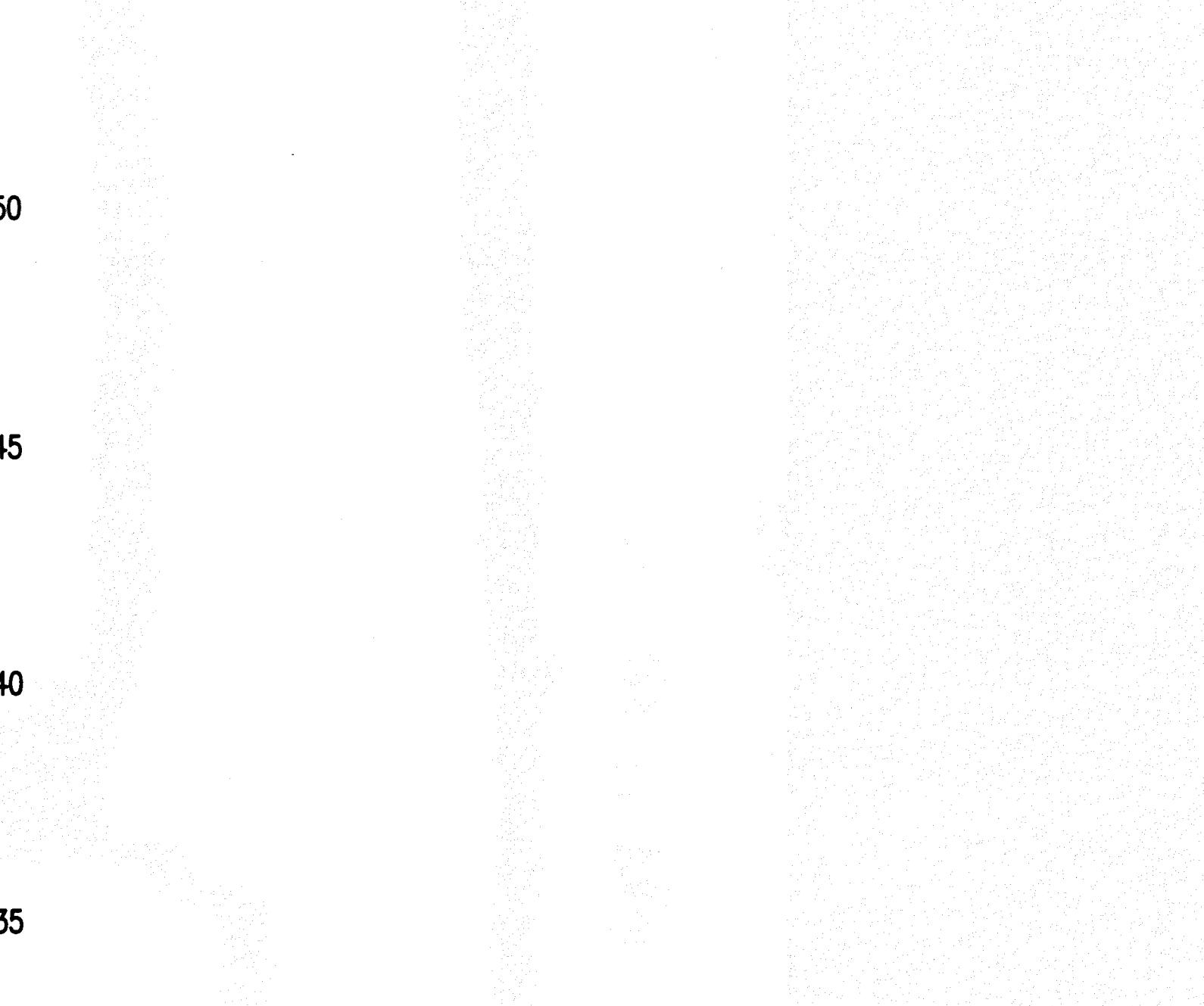
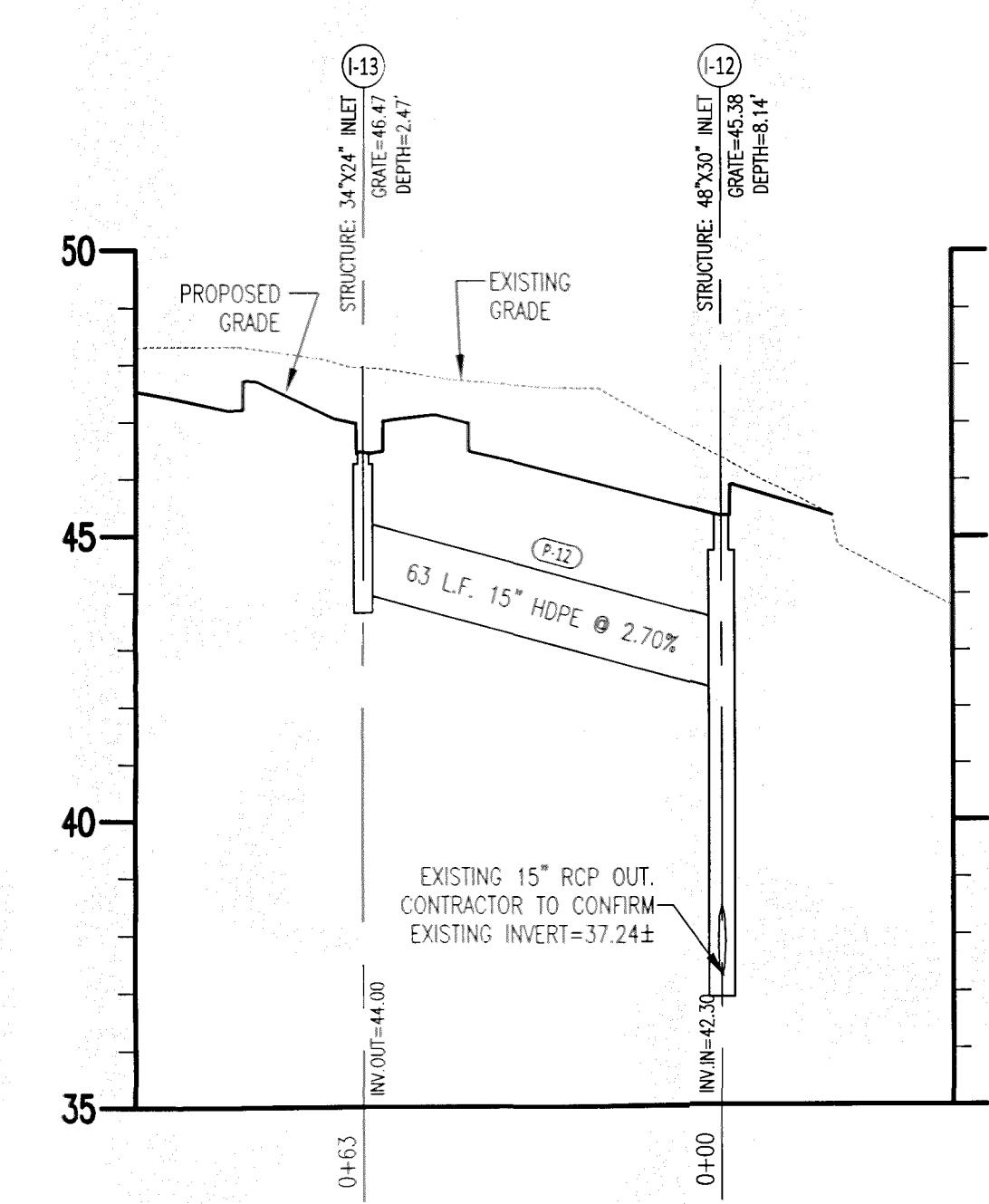
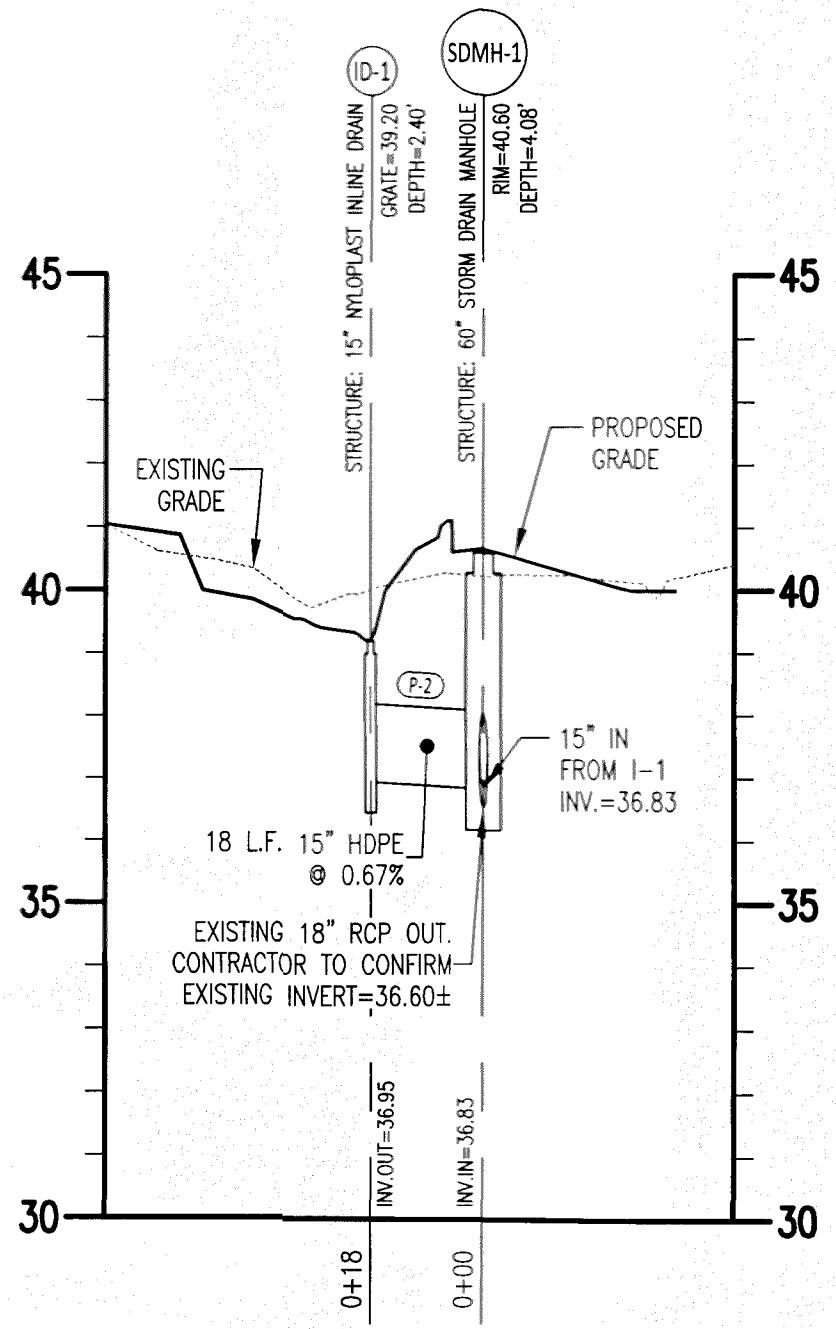
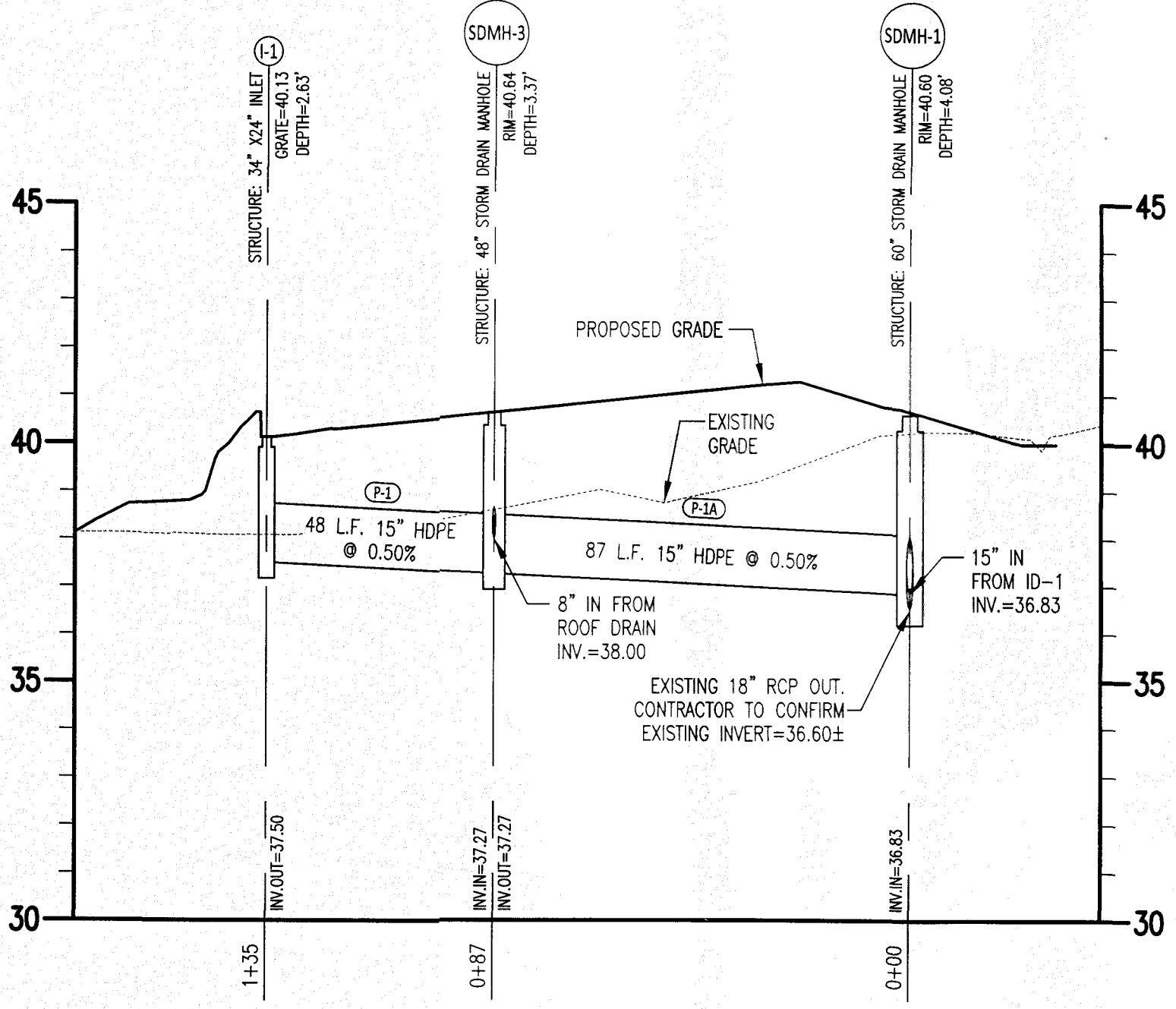
I, George H. Larson, Jr., PE, hereby certify that these improvement construction plans have been prepared in accordance with the current, as of the date below, zoning ordinance and subdivision and land development ordinance of the Town of Smyrna.

Date: 3/16/2022
Signature: [Signature]

DATE 4/13/21	SCALE AS NOTED	TITLE SHEET	
JOB NO. 18-009	DRAWN BY BDlenhoff	FOR	
APPLICATION NO. -----	DESIGNED BY DJCollins	TOWN ENGINEER AND TOWN MANAGER CERTIFICATION	
APPROVED BY GHlarson	CHECKED BY DJLiberman	These improvement construction plans conform to the applicable Town of Smyrna ordinances and standards.	
DATE 5/21/21	REVISION Per Town of Smyrna Note #1	Date: 6-16-2022 Signature: [Signature]	
GATEWAY NORTH MIXED-USE			
TOWN OF SMYRNA, KENT COUNTY, DELAWARE			
PREPARED FOR: KHOKHAR, LLC			
CADD FILE: TitleSheet_Khokhar			
LARSON ENGINEERING GROUP INC. CIVIL ENGINEERING & LAND PLANNING			
910 SOUTH CHAPEL STREET • SUITE 200 NEWARK, DE 19713 Phone: (302) 731-7434 Fax: (302) 731-8211			



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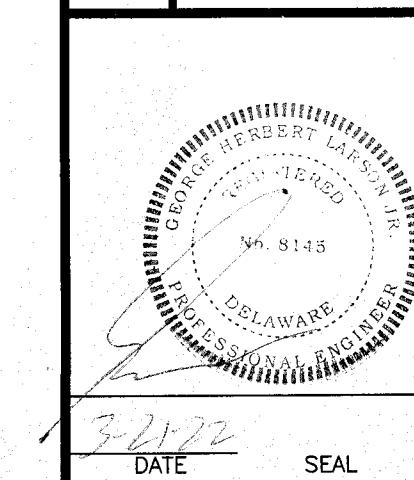


NOTE: SEE ENTRANCE PLANS FOR STORM DRAIN
WITHIN THE STATE RIGHT-OF-WAY.

DATE 4/19/21	SCALE AS NOTED
JOB NO. 18-009	DRAWN BY BDlenhoff
APPLICATION NO.: -----	DESIGNED BY: AJCollins
APPROVED BY: GHLarson	CHECKED BY: DULberman
DATE 5/21/21	REVISION Per Town of Smyrna
STORM DRAIN PROFILES	

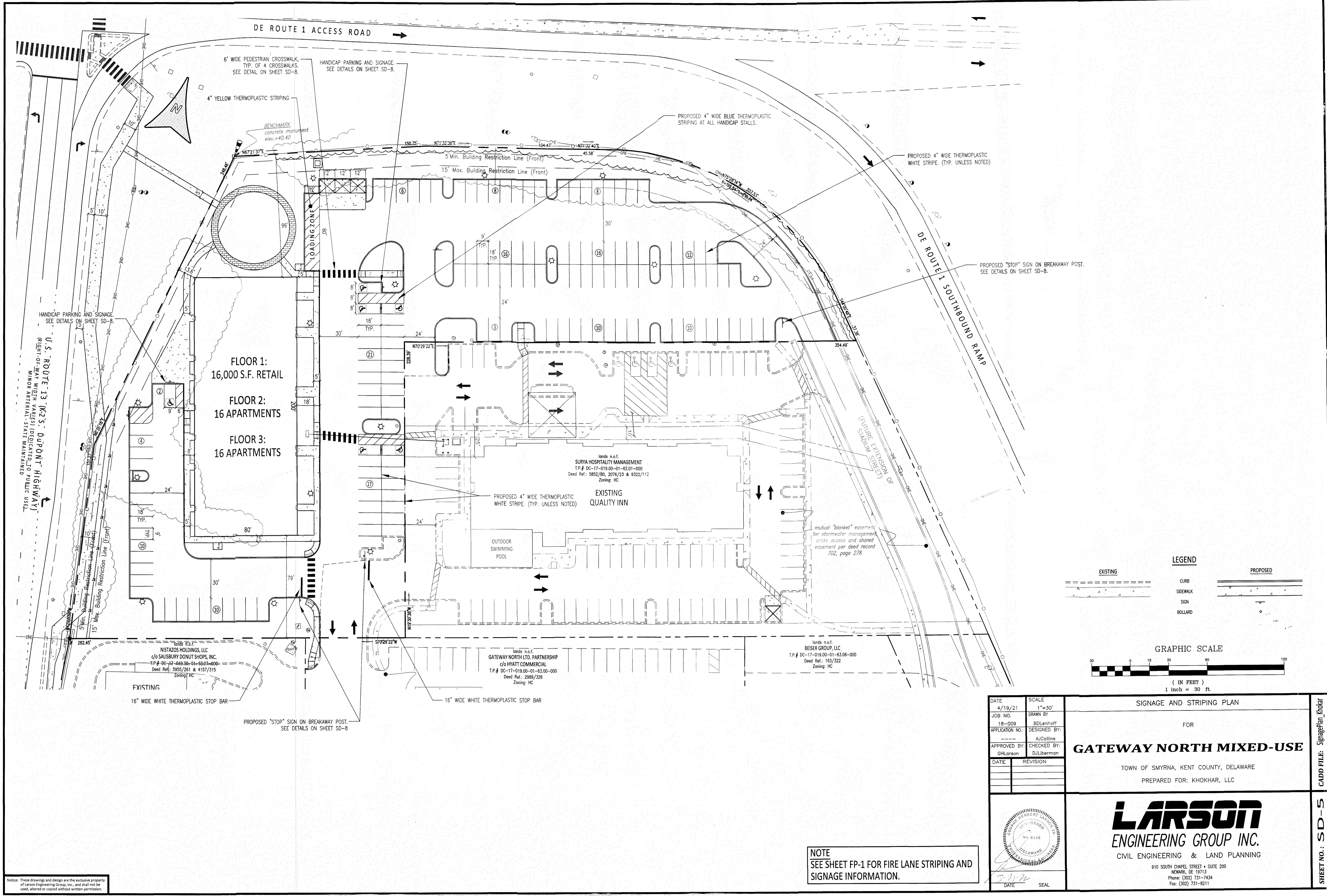
GATEWAY NORTH MIXED-USE

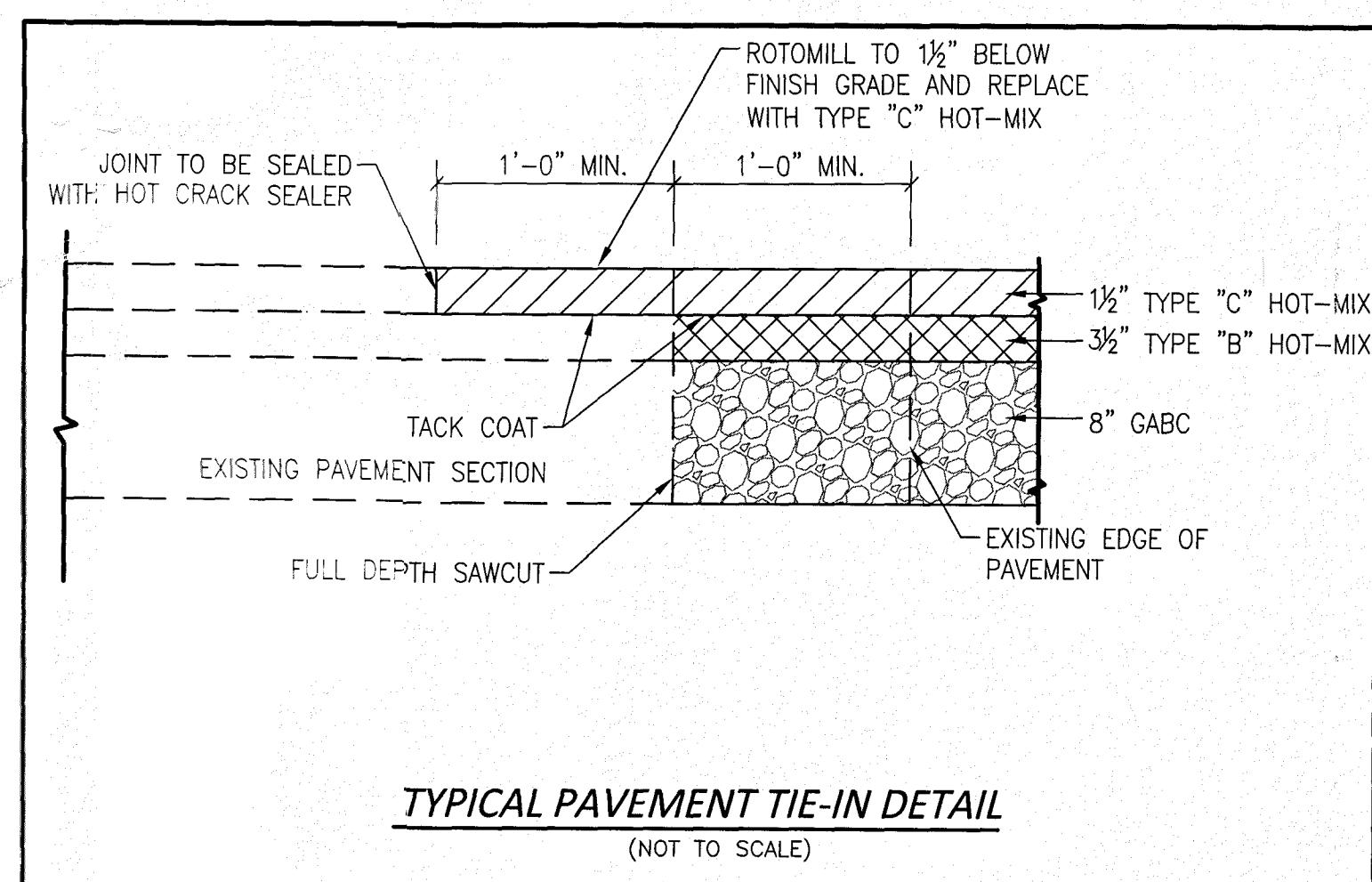
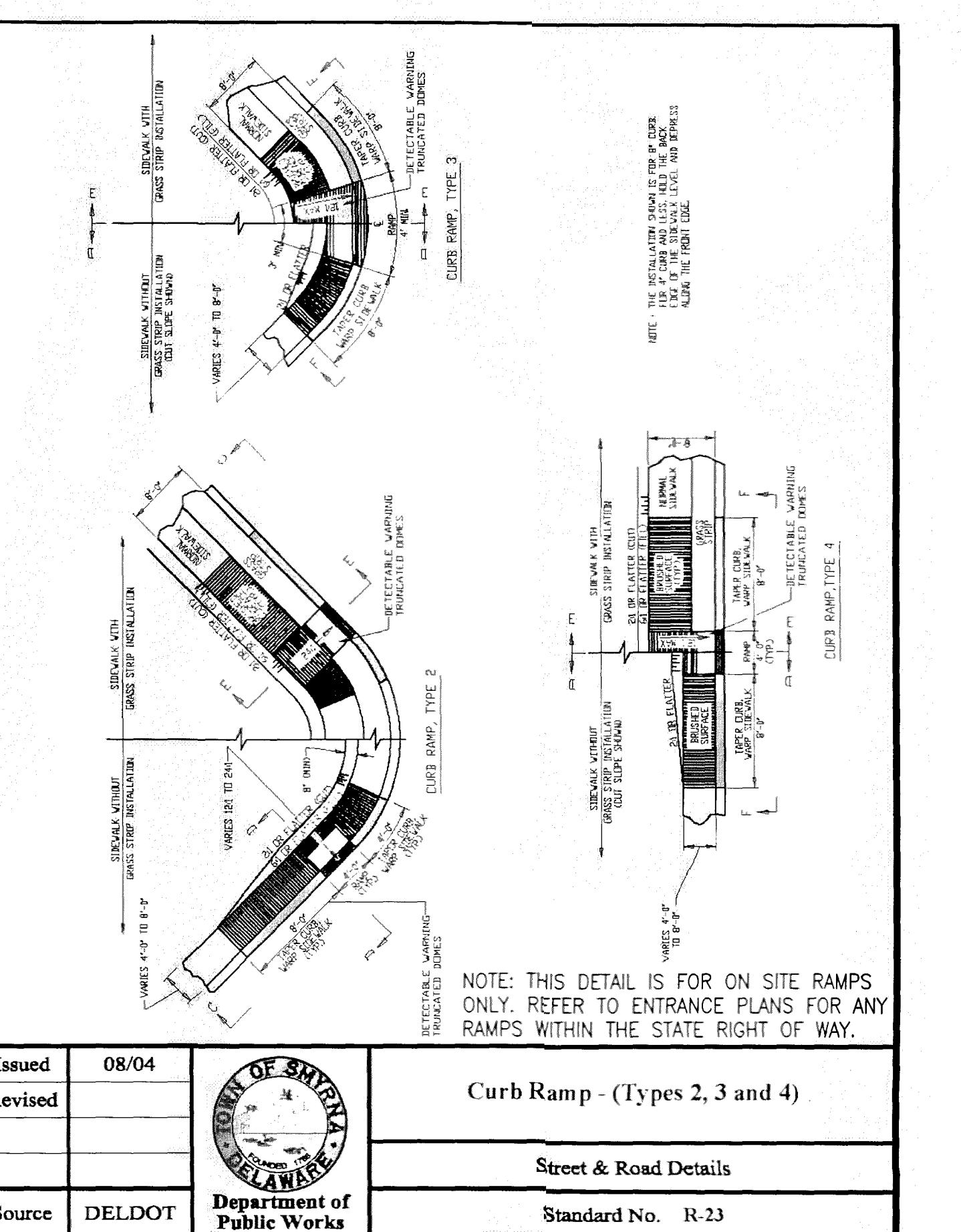
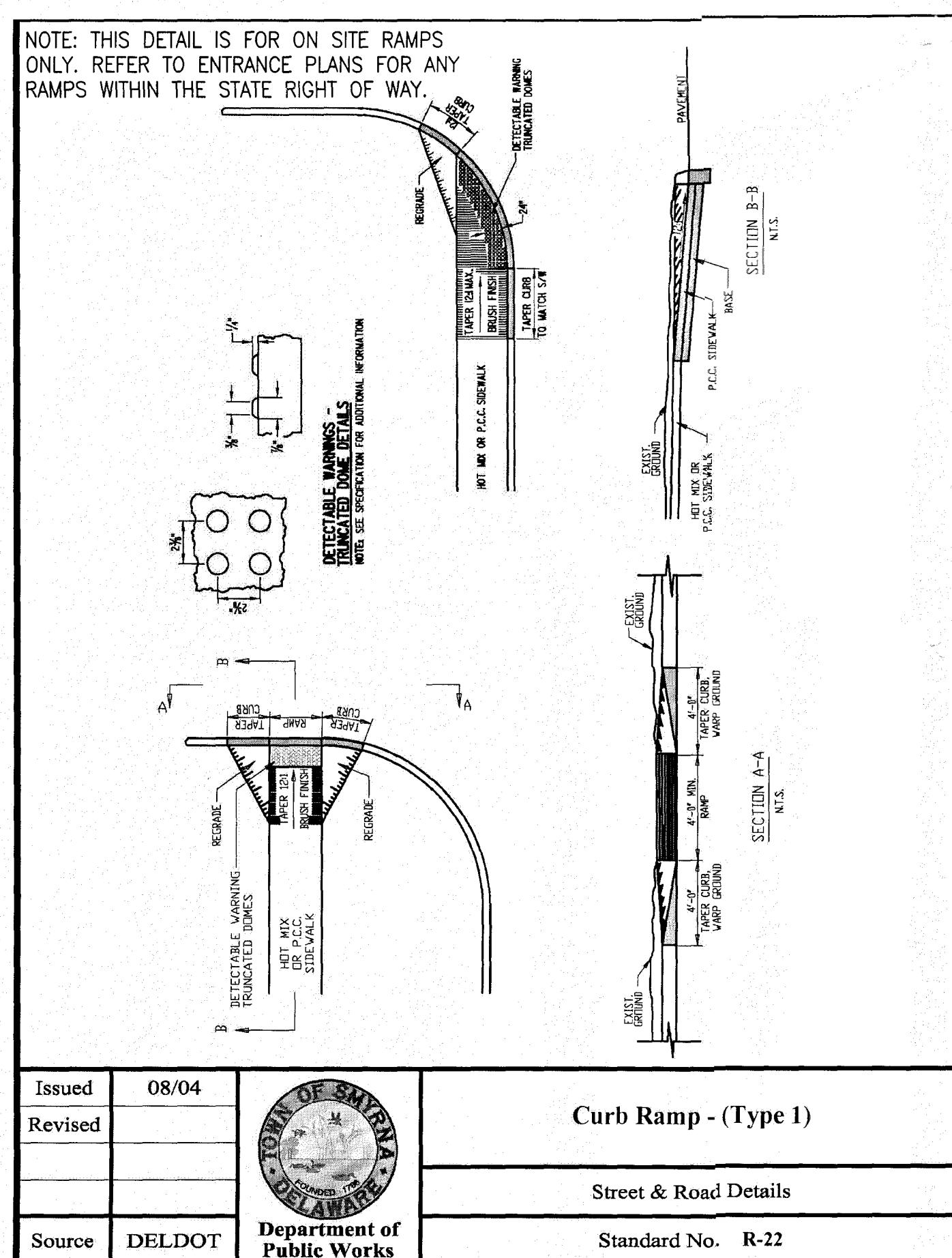
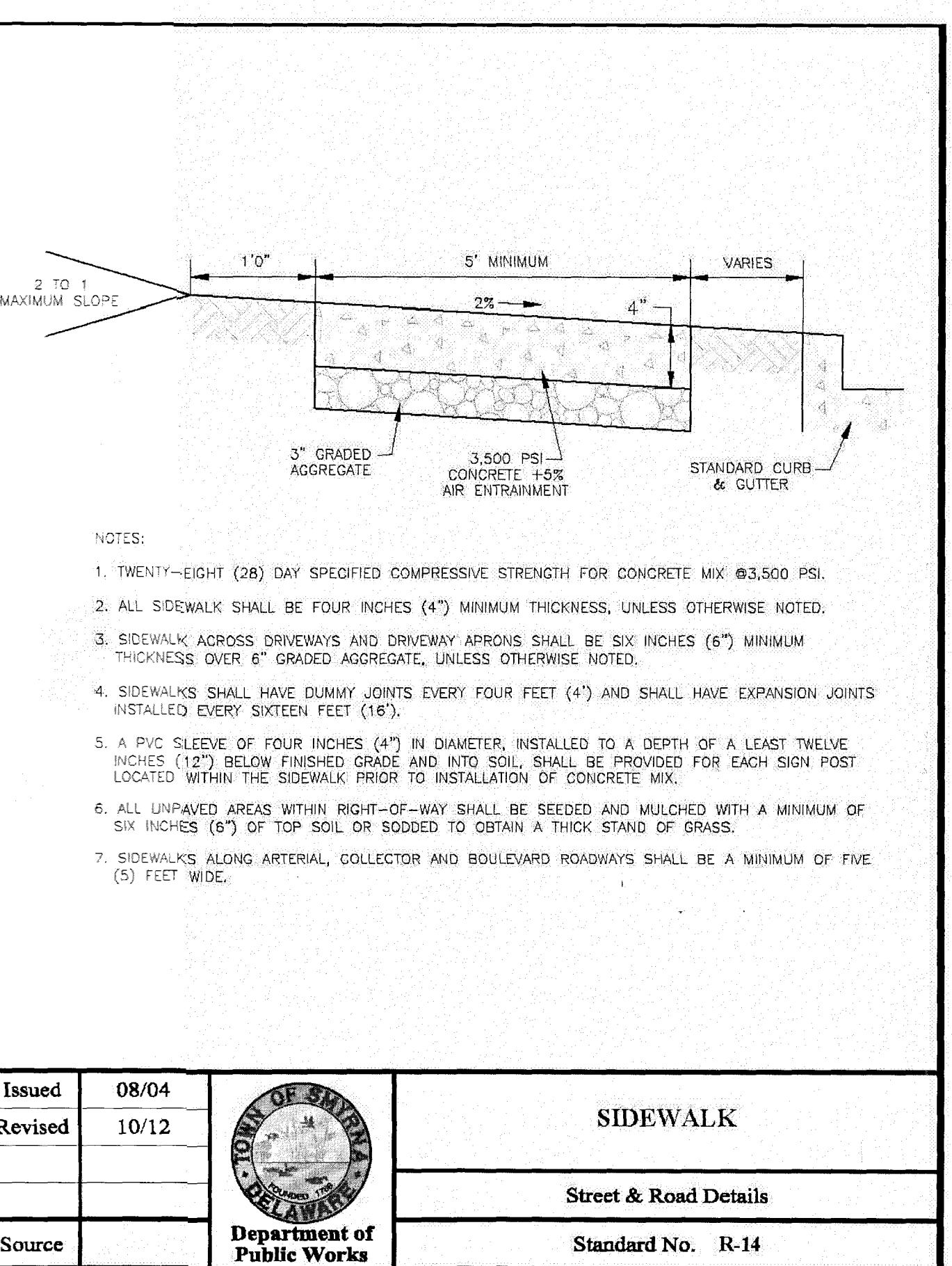
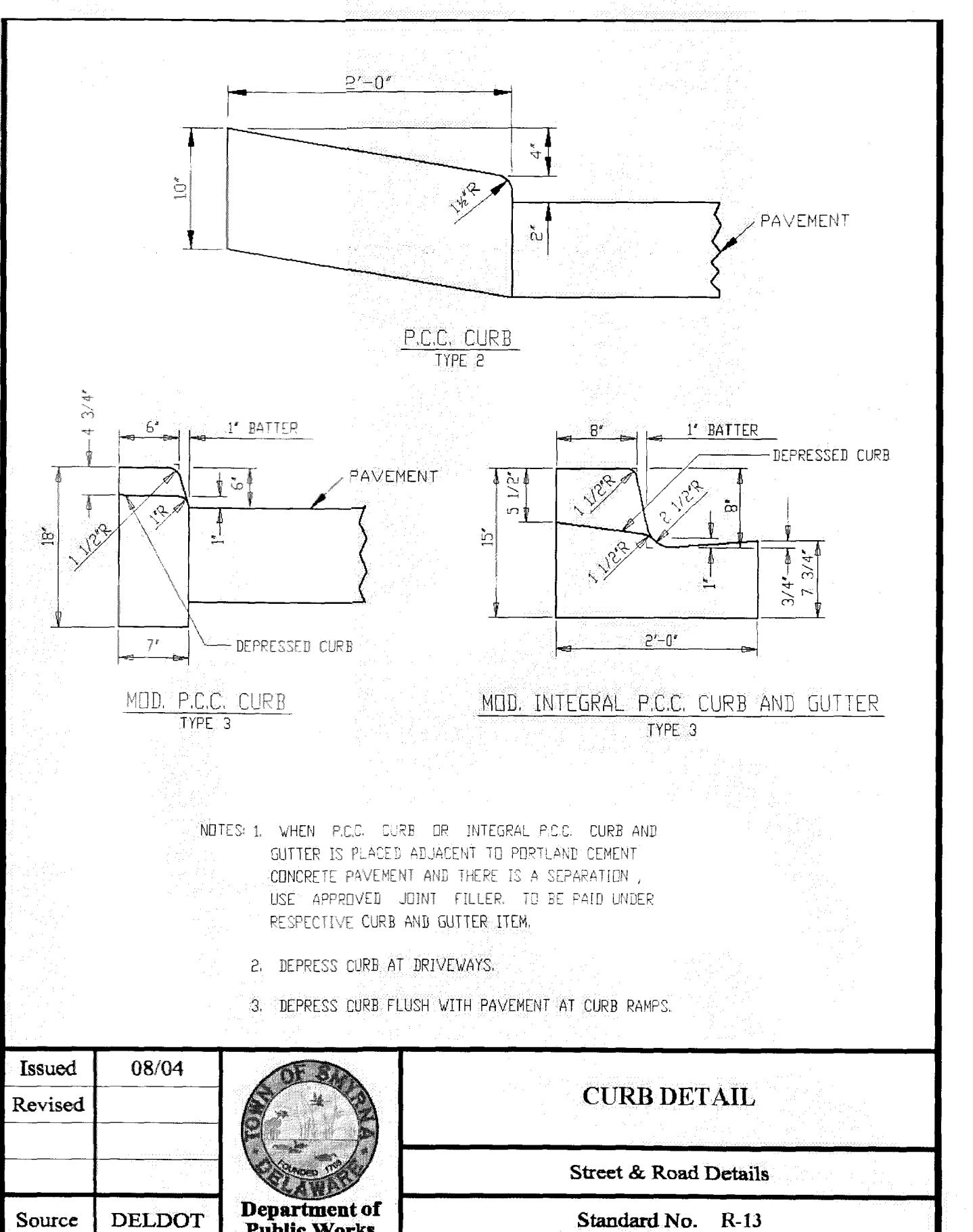
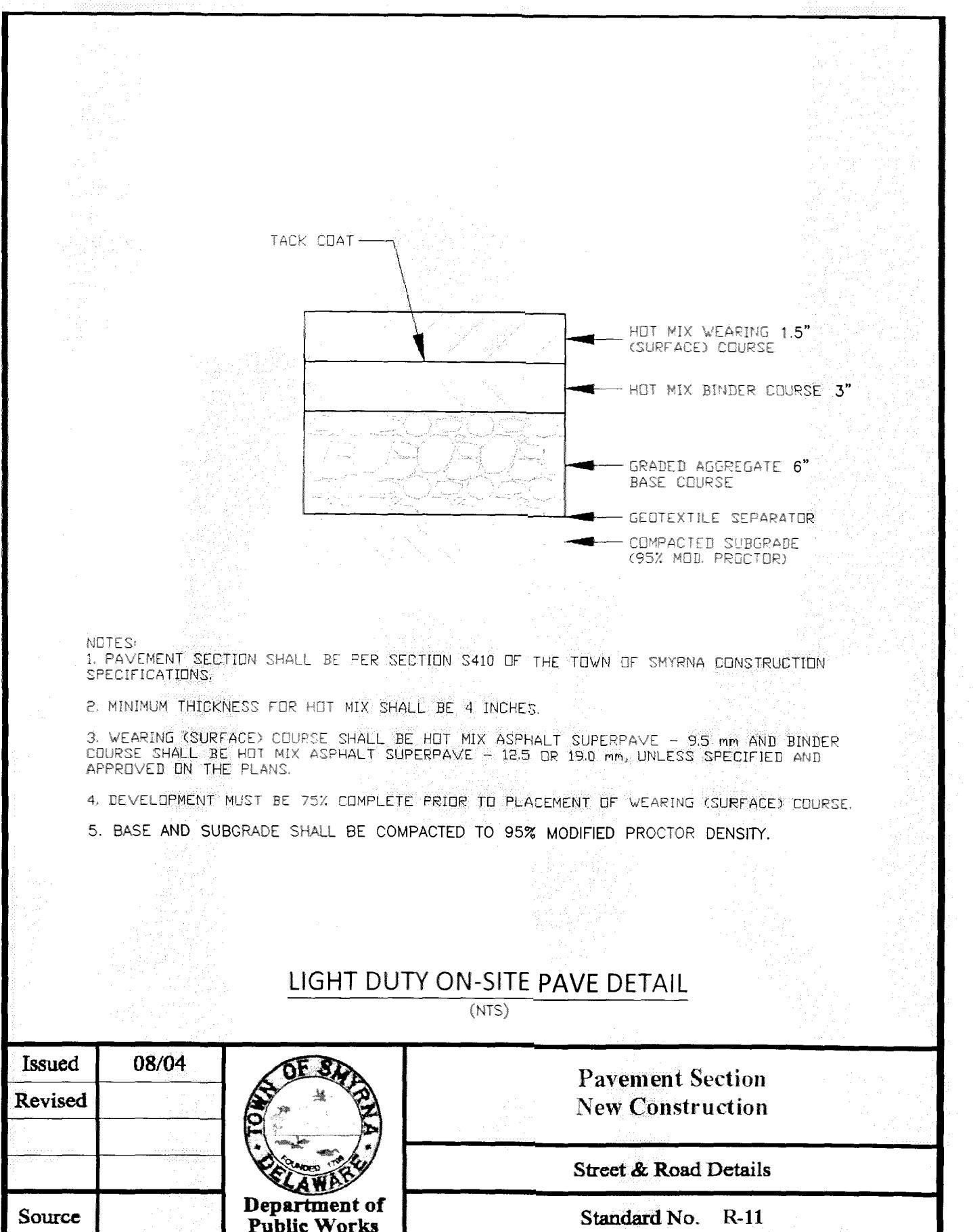
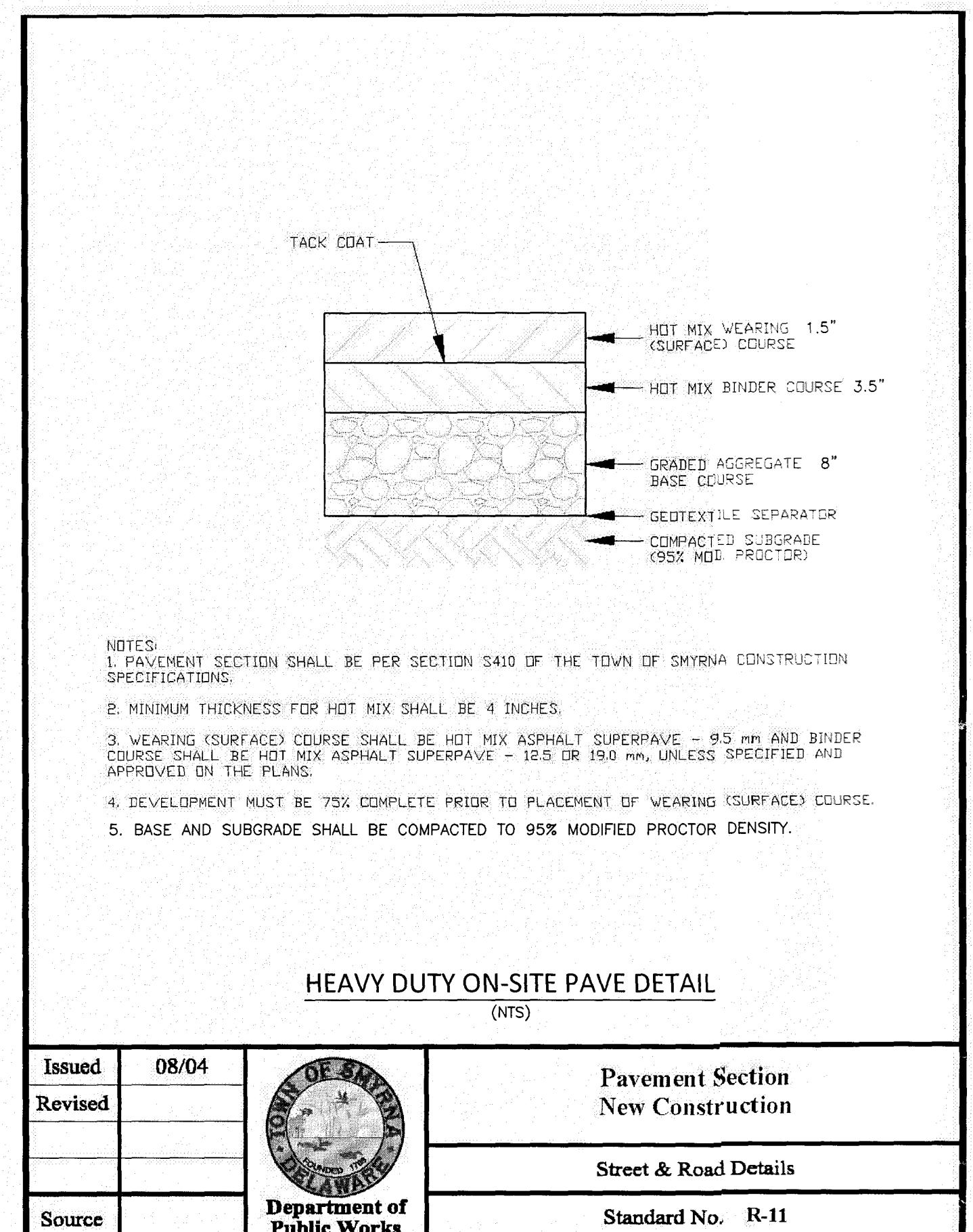
TOWN OF SMYRNA, KENT COUNTY, DELAWARE
PREPARED FOR: KHOKHAR, LLC

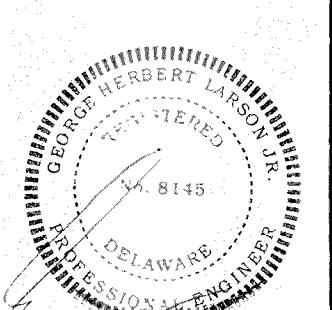


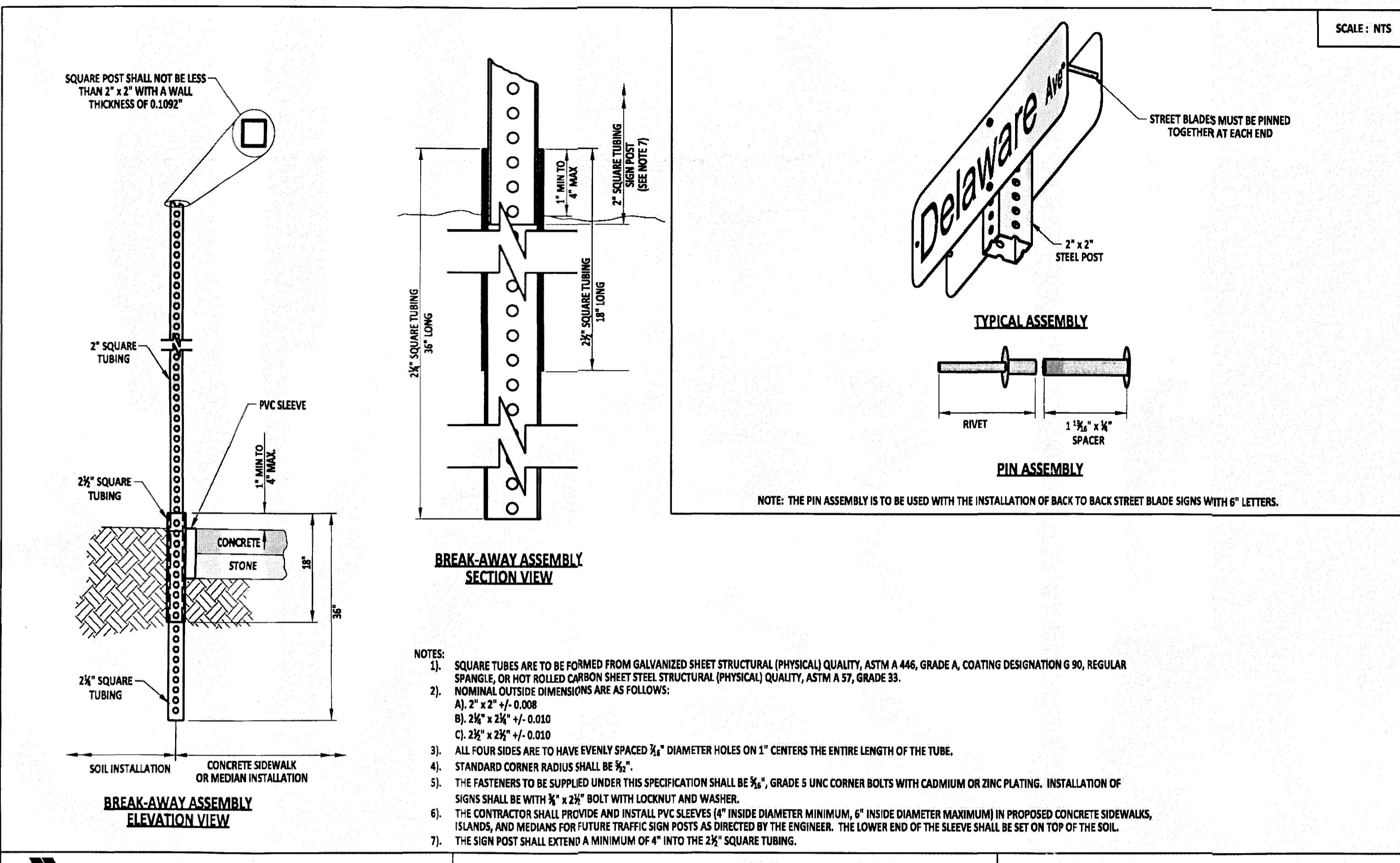
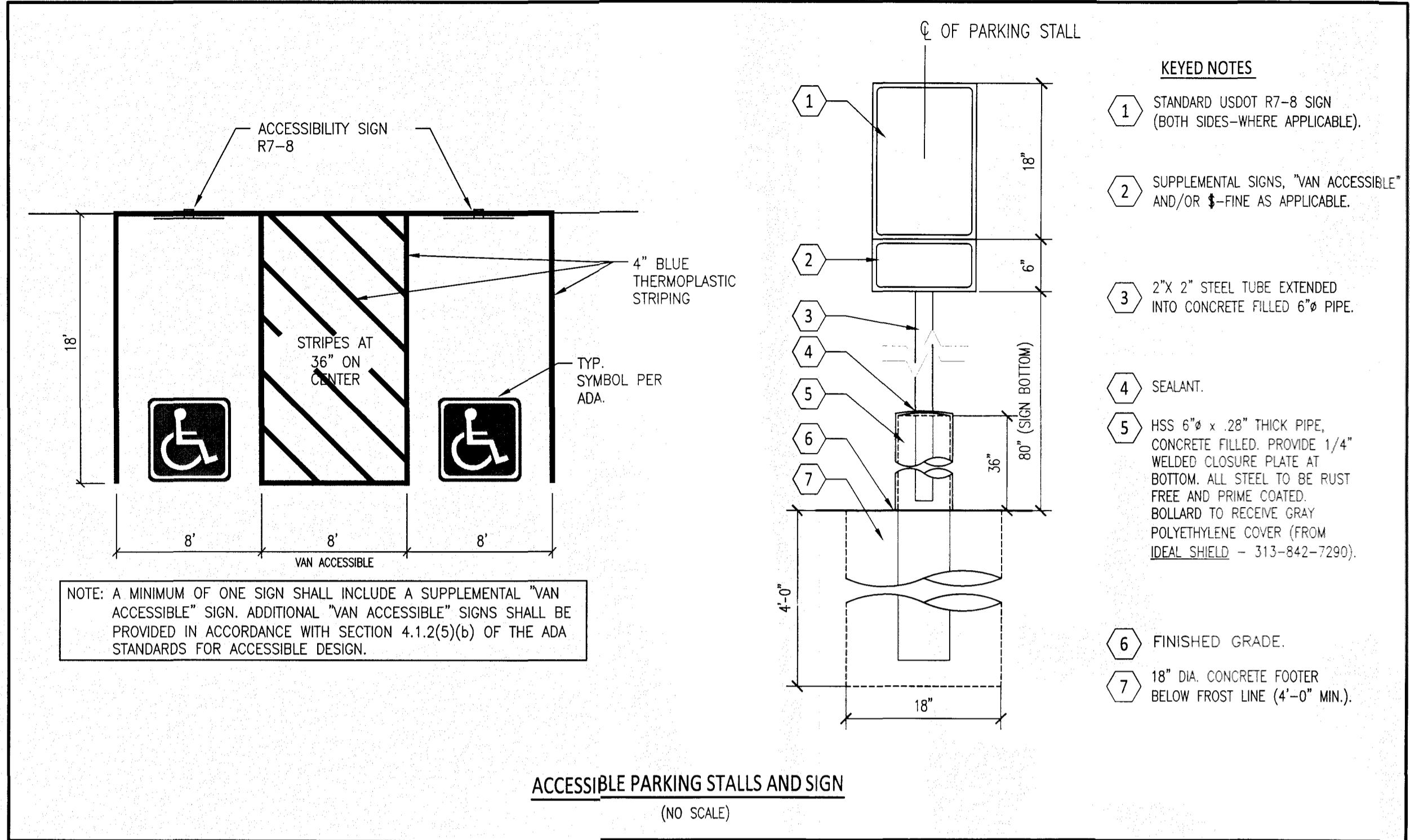
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NEWARK, DE 19713
Phone: (302) 731-7434
Fax: (302) 731-8211





DATE 4/19/21	SCALE AS NOTED	DETAIL SHEET		
JOB NO. 18-009	DRAWN BY BDLenhoff	FOR		
APPLICATION NO.: -----	DESIGNED BY: AJCollins	GATEWAY NORTH MIXED-USE		
APPROVED BY: GHLarson	CHECKED BY: DJLiberman	TOWN OF SMYRNA, KENT COUNTY, DELAWARE		
DATE	REVISION	PREPARED FOR: KHOKHAR, LLC		
 <p>3-21-22</p>		LARSON ENGINEERING GROUP INC. CIVIL ENGINEERING & LAND PLANNING 910 SOUTH CHAPEL STREET • SUITE 200 NEWARK, DE 19713 Phone: (302) 731-7434		
				CADD FILE: SD-6
				DetailSheet_Khokar



DELAWARE
DEPARTMENT OF TRANSPORTATION

BREAKAWAY SIGN POST AND PIN ASSEMBLY DETAILS

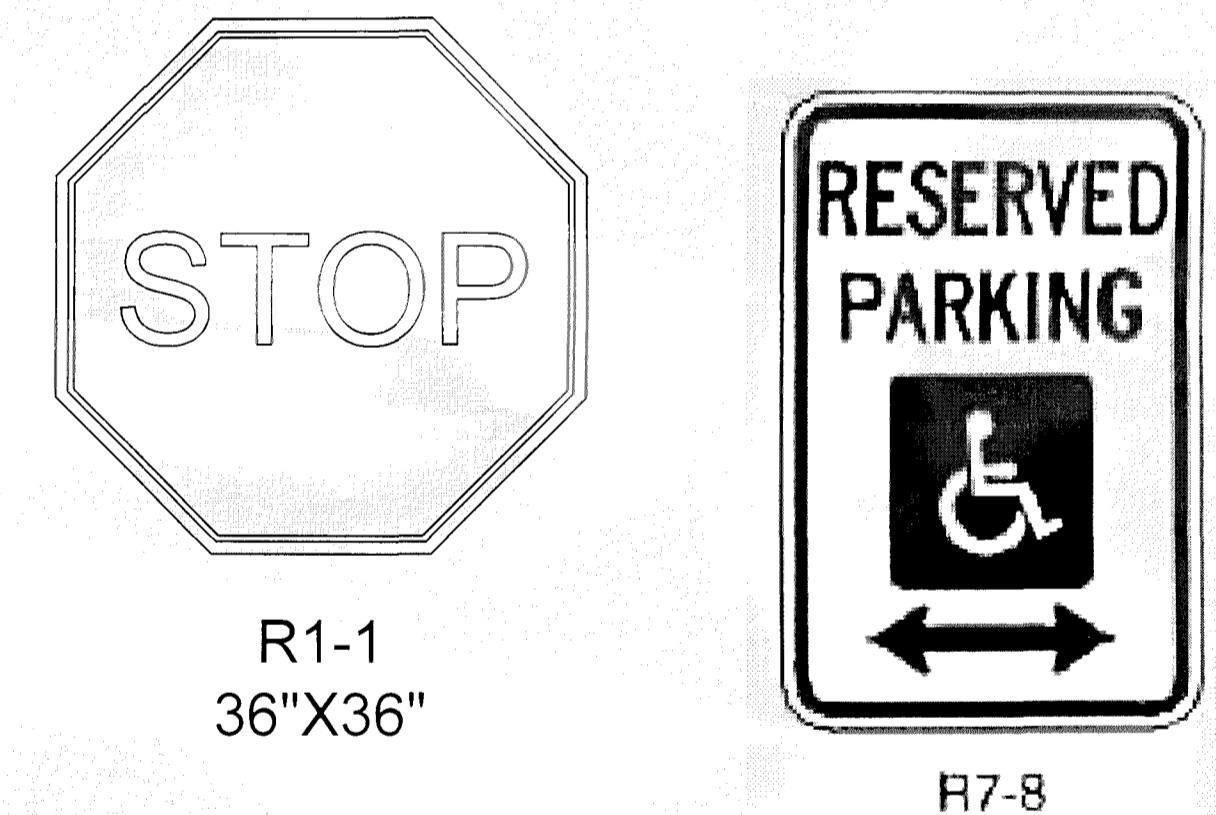
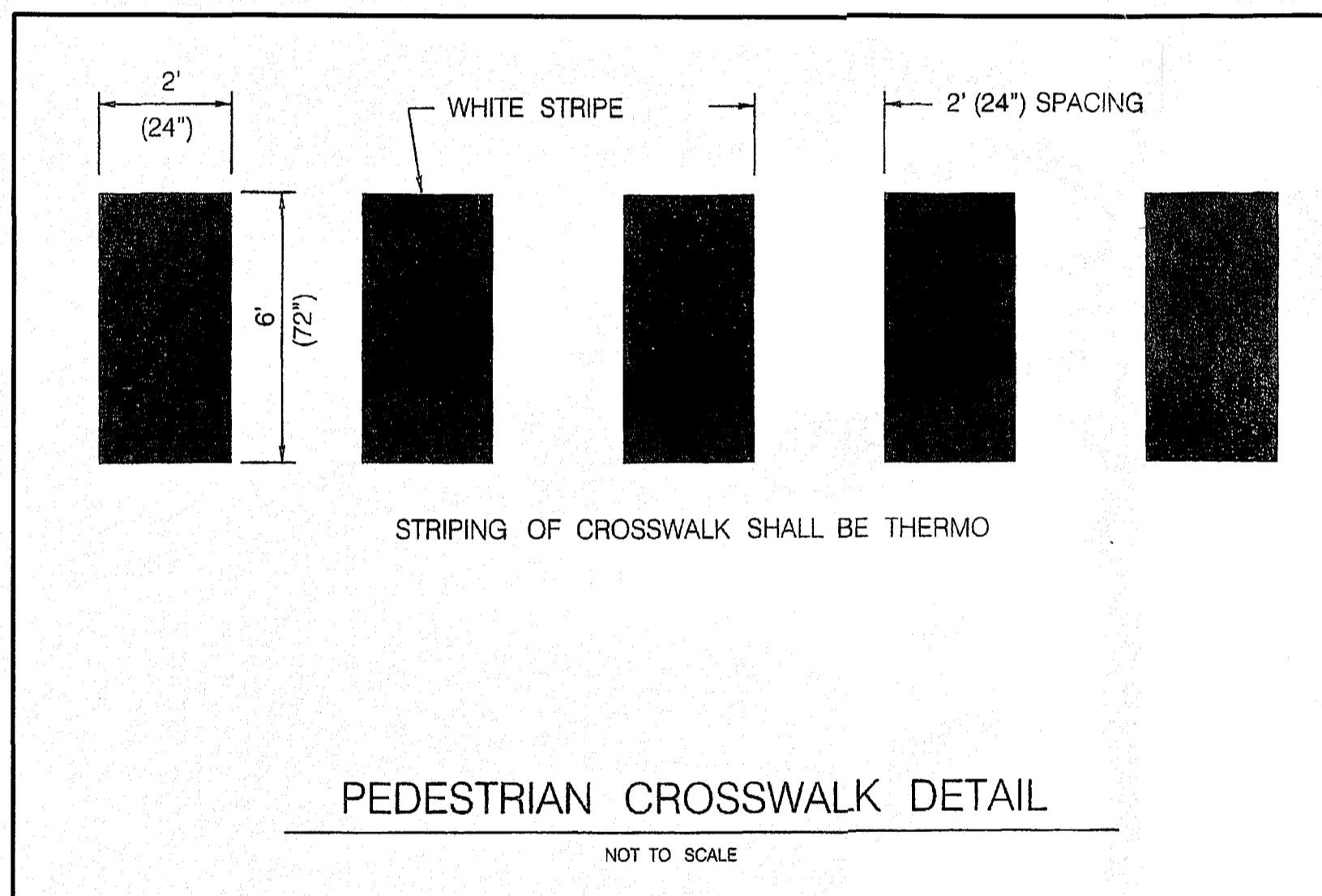
APPROVED
SIGNATURE ON FILE

02/14/2014

STANDARD NO. T-15 (2013) SHT. 1 OF 1

RECOMMENDED
SIGNATURE ON FILE

01/14/2014



DATE 4/19/21	SCALE AS NOTED
JOB NO. 18-009	DRAWN BY BDLerhoff
APPLICATION NO. -----	DESIGNED BY AJCollins
APPROVED BY GHLarson	CHECKED BY DLerhoff
DATE 7-21-22	REVISION SEAL

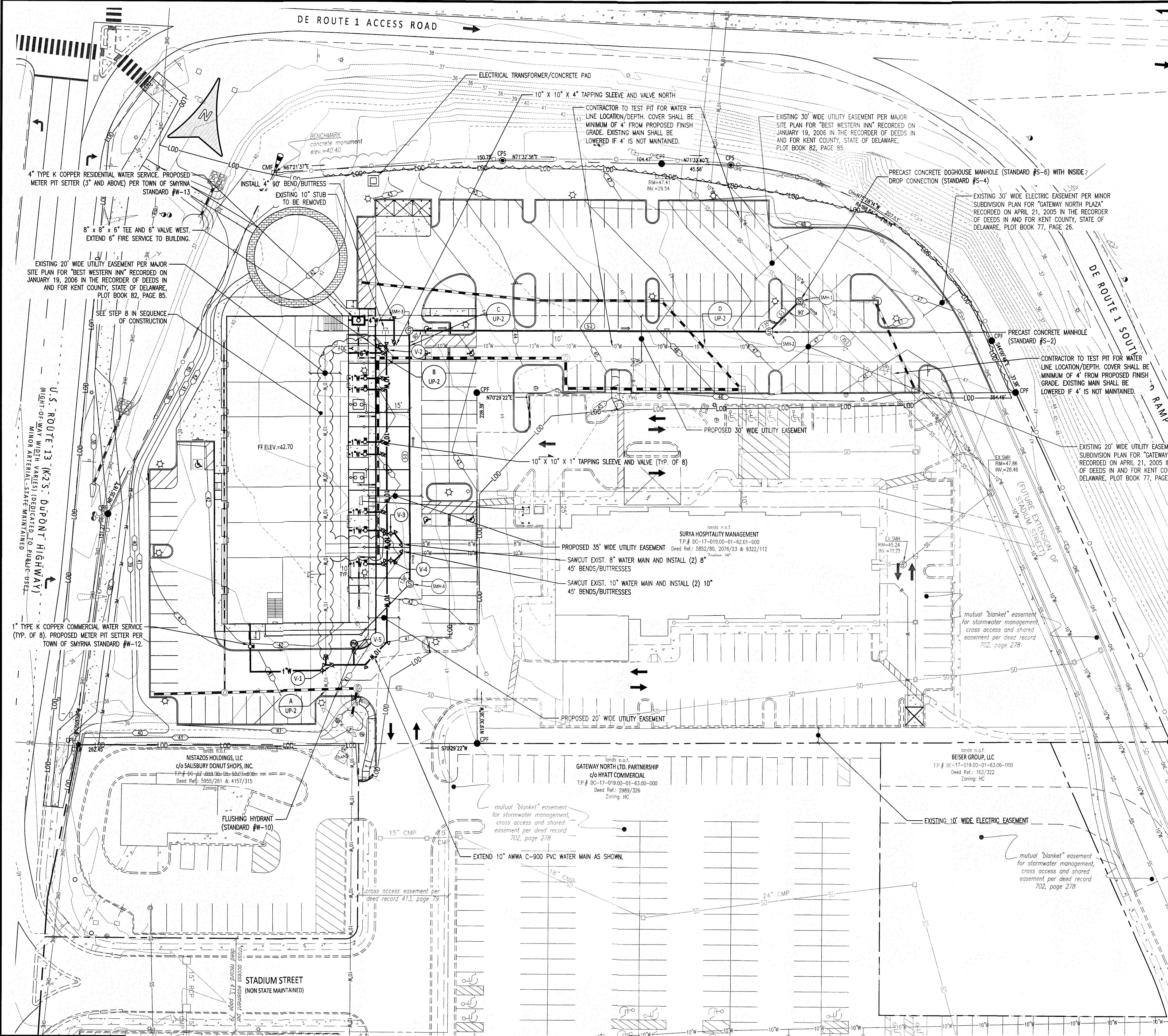
GATEWAY NORTH MIXED-USE

TOWN OF SMYRNA, KENT COUNTY, DELAWARE
PREPARED FOR: KHOKHAR, LLC

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SANITARY SEWER STRUCTURE SCHEDULE		
STRUCTURE	DETAILS	NORTHING/EASTING
SMH-1	RIM=47.22 INV.=33.19 (SW)	N=5531.709 E=5337.2048
SMH-2	RIM=47.34 INV.=33.39 (W)	N=5506.1867 E=5324.8338
SMH-3	RIM=42.41 INV.=35.24 (S)	N=5427.1939 E=5101.8954
SMH-4	RIM=42.31 INV.=35.40 (N)	N=5271.4980 E=5157.1303

SANITARY SEWER PIPE SCHEDULE				
PIPE	SIZE	MATERIAL	LENGTH	SLOPE
S-1	8"	SDR26 PVC	28 LF.	0.700%
S-2	8"	SDR26 PVC	237 LF.	0.700%
S-3	8"	SDR26 PVC	165 LF.	0.700%

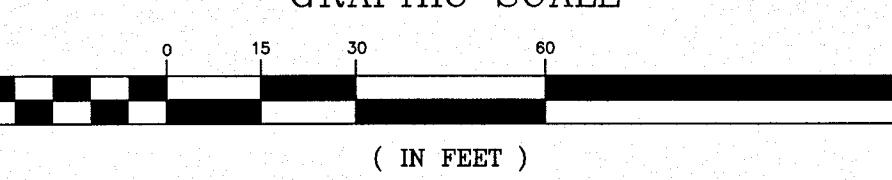
WATER MAIN SEQUENCE OF CONSTRUCTION

1. CONTACT HOTEL ON PARCEL DC-17-019.00-01-62.01-000 TO COORDINATE TIMING OF STEP 6 BELOW.
2. INSTALL 10"x10"x10" SADDLE TAP ON EXISTING MAIN AT V-1.
3. EXTEND 10" WATER LINE TO V-2. INSTALL ALL VALVES AND FLUSHING HYDRANT AS SHOWN. MAINTAIN 1' CLEARANCE UNDER EXISTING QUALITY INN WATER SERVICES.
4. INSTALL 10"x10"x10" SADDLE TAP ON EXISTING MAIN AT V-2.
5. STERILIZE NEWLY INSTALLED WATER LINE AND BLOW OFF PER TOWN OF SMYRNA SPECIFICATIONS (JUNE 2017).
6. SHUT OFF EXISTING QUALITY INN VALVES AT MAIN.
7. SAW CUT EXISTING SERVICES AND CONNECT TO VALVES V-3 & V-4.
8. OPEN VALVE V-1 & V-2.
9. REMOVE EXISTING WATER MAIN, VALVES AND APPURTENANCES (CLOUDED ON THIS SHEET). PLACE MJ CAP AND BUTTRESS ON CUT ENDS OF EXISTING MAIN.
10. INSTALL INDIVIDUAL WATER SERVICES AND WATER METERS TO FUTURE BUILDING.

LEGEND

EXISTING STORM DRAIN LINE	SD
PROPOSED STORM DRAIN LINE	SD
STORM DRAIN MANHOLE	(S)
EXISTING SAN. SEWER LINE	SS
PROPOSED SAN. SEWER LINE	SS
PROPOSED LIMITS OF DISTURBANCE	LOD
EXISTING SANITARY SEWER MANHOLE	(S)
PROPOSED SANITARY SEWER MANHOLE	(S)
EXISTING SEWER CLEANOUT	(C)
PROPOSED SEWER CLEANOUT	(C)
PROPOSED GREASE TRAP	(G)
EXISTING WATER LINE	W
PROPOSED WATER LINE	W
EXISTING FIRE HYDRANT	FH
PROPOSED FLUSHING HYDRANT	FH
EXISTING WATER VALVE	WV
PROPOSED WATER VALVE	WV
PROPOSED BUTTRESS	B
PROPOSED WATER METER	M
PROPOSED FIRE DEPARTMENT CONNECTION	FDC
PIPE FLOW DIRECTION	→
EXISTING UTILITY POLE	P
LIGHT POLE	L
SIGN	S
WATER VALVE DESIGNATION	V-1

GRAPHIC SCALE



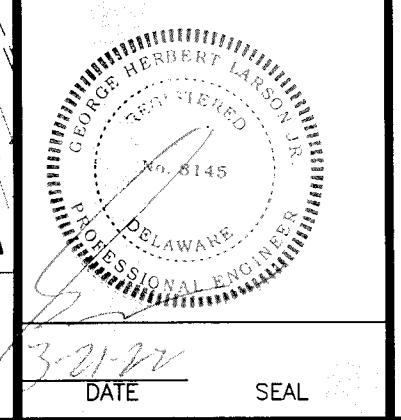
UTILITY PLAN

FOR

GATEWAY NORTH MIXED-USE

TOWN OF SMYRNA, KENT COUNTY, DELAWARE
PREPARED FOR: KHOKHAR, LLC

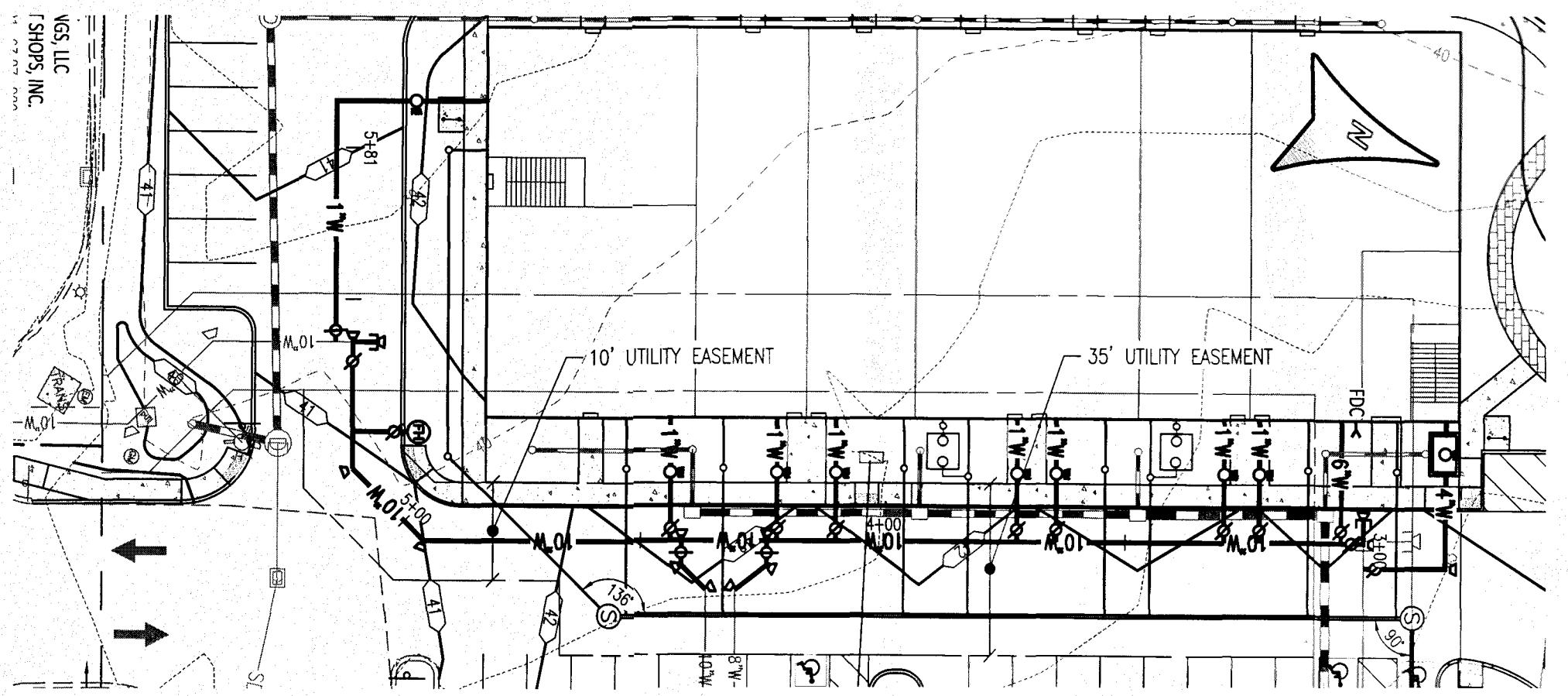
DATE	SCALE
4/19/21	1"=30'
JOB NO.	DRAWN BY
18-009	B.D.Lehoff
APPLICATION NO.:	DESIGNED BY:
	A.J.Collins
APPROVED BY:	CHECKED BY:
D.G.Larson	D.J.Liberman
DATE	REVISION
5/2/21	Per Town of Smyrna
5/2/21	Transformer/pod, SOC #1



LARSON
ENGINEERING GROUP INC.

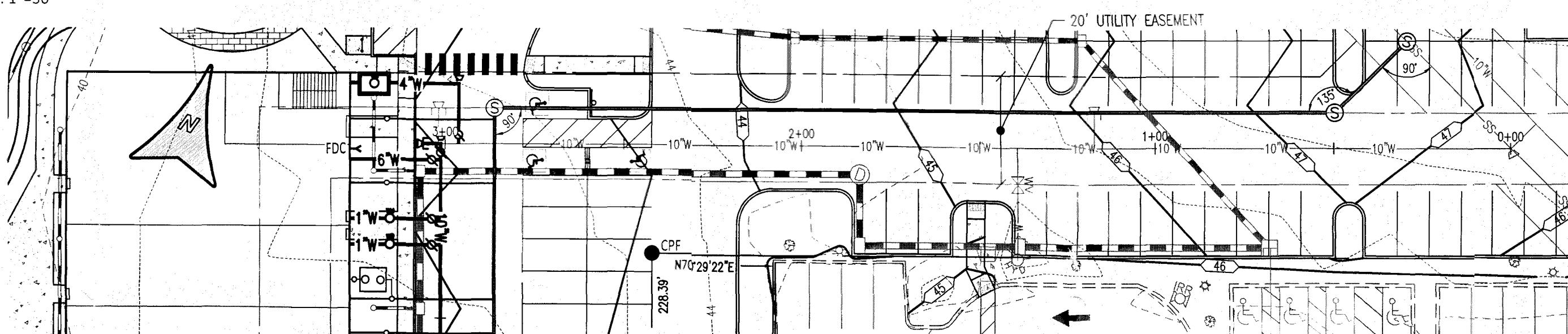
CIVIL ENGINEERING & LAND PLANNING

910 SOUTH CHAPEL STREET • SUITE 200
NEWARK, DE 19713
Phone: (302) 731-4344
Fax: (302) 731-8211



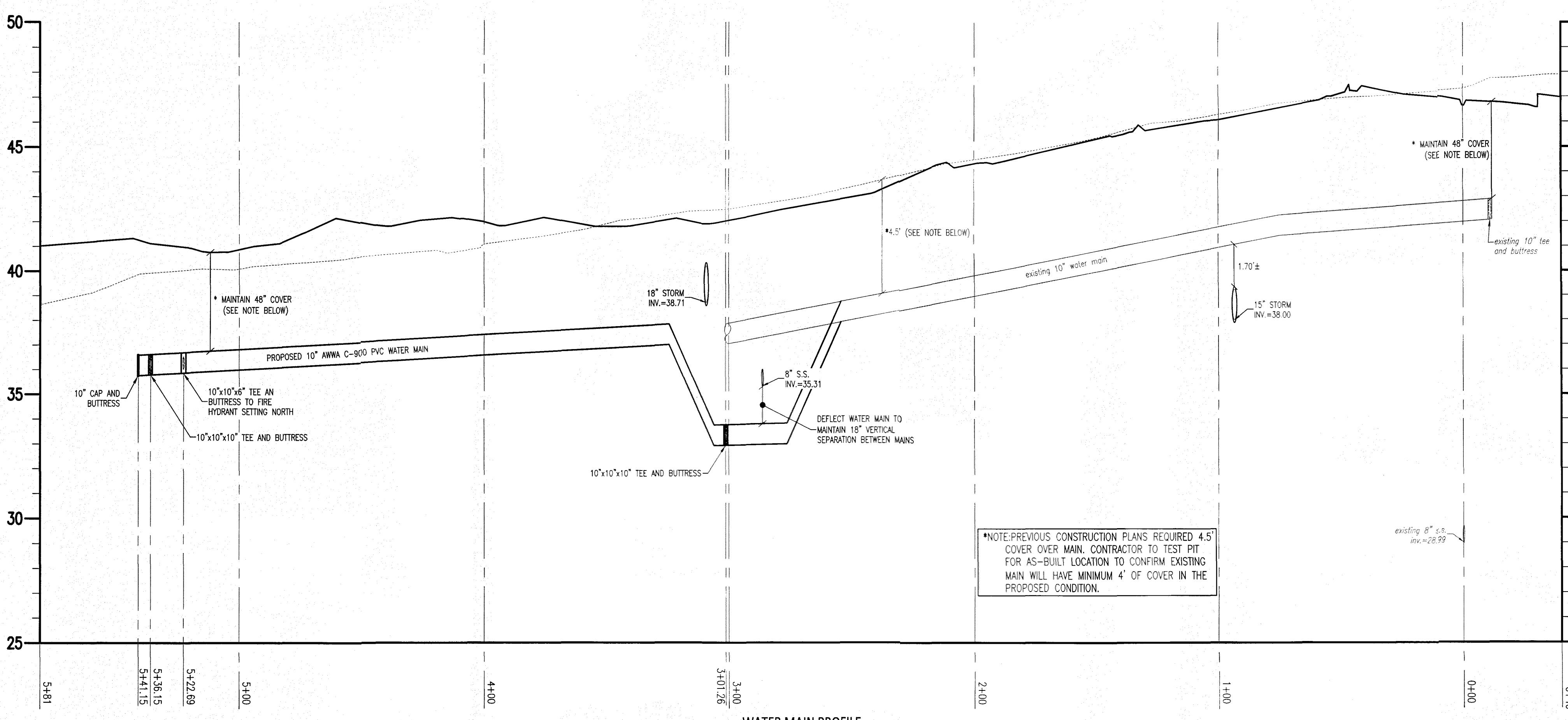
PLAN VIEW

SCALE: 1"=30'



PLAN VIEW

SCALE: 1"=30'



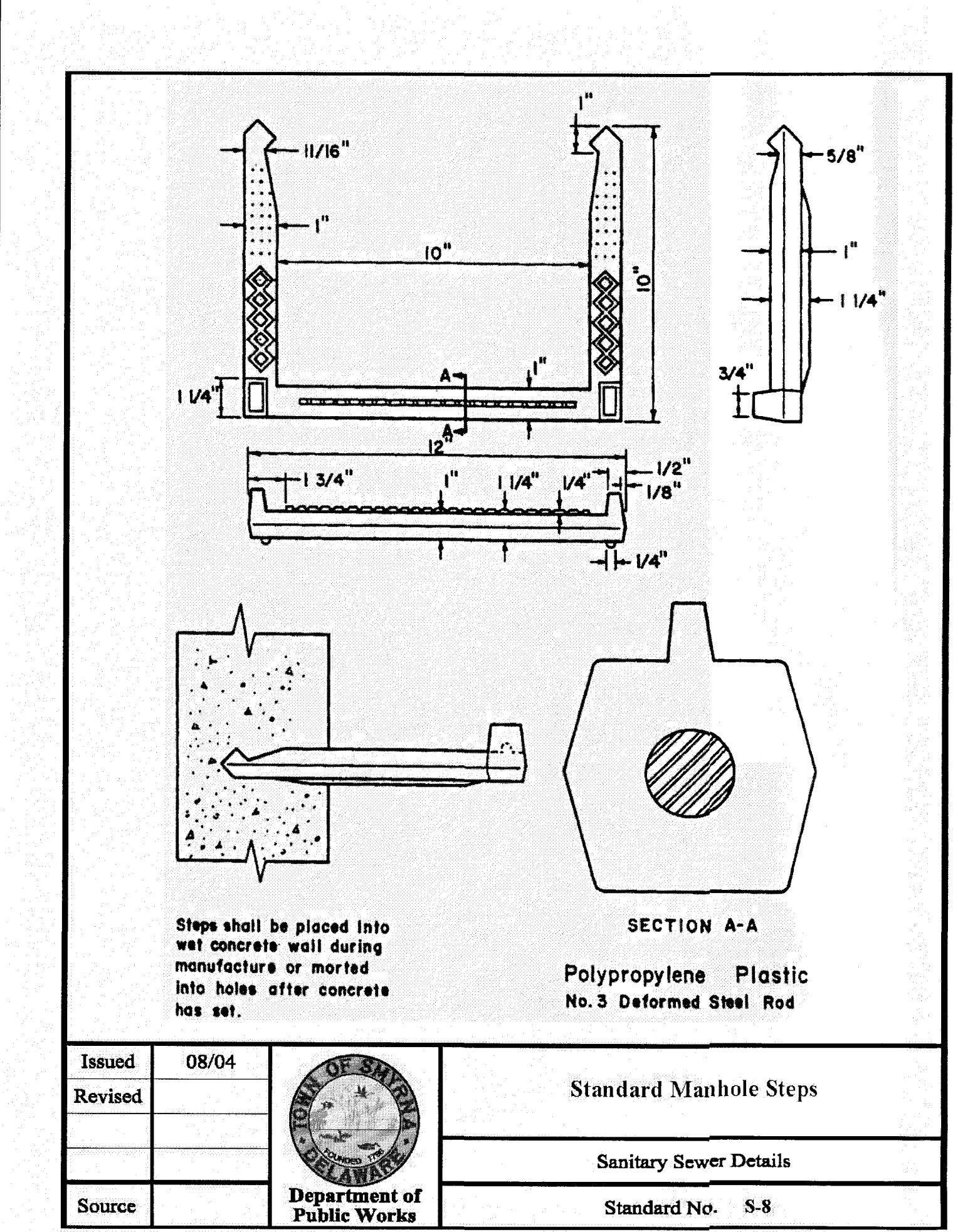
DATE 4/19/21	SCALE AS NOTED
JOB NO. 18-009	DRAWN BY BOLerhoff
APPLICATION NO.: -----	DESIGNED BY: A.Collins G.Larson
APPROVED BY: G.Larson	CHECKED BY: DJLberman
DATE 5/21/21	REVISION Per Town of Smyrna

WATER MAIN PROFILE
FOR
GATEWAY NORTH MIXED-USE

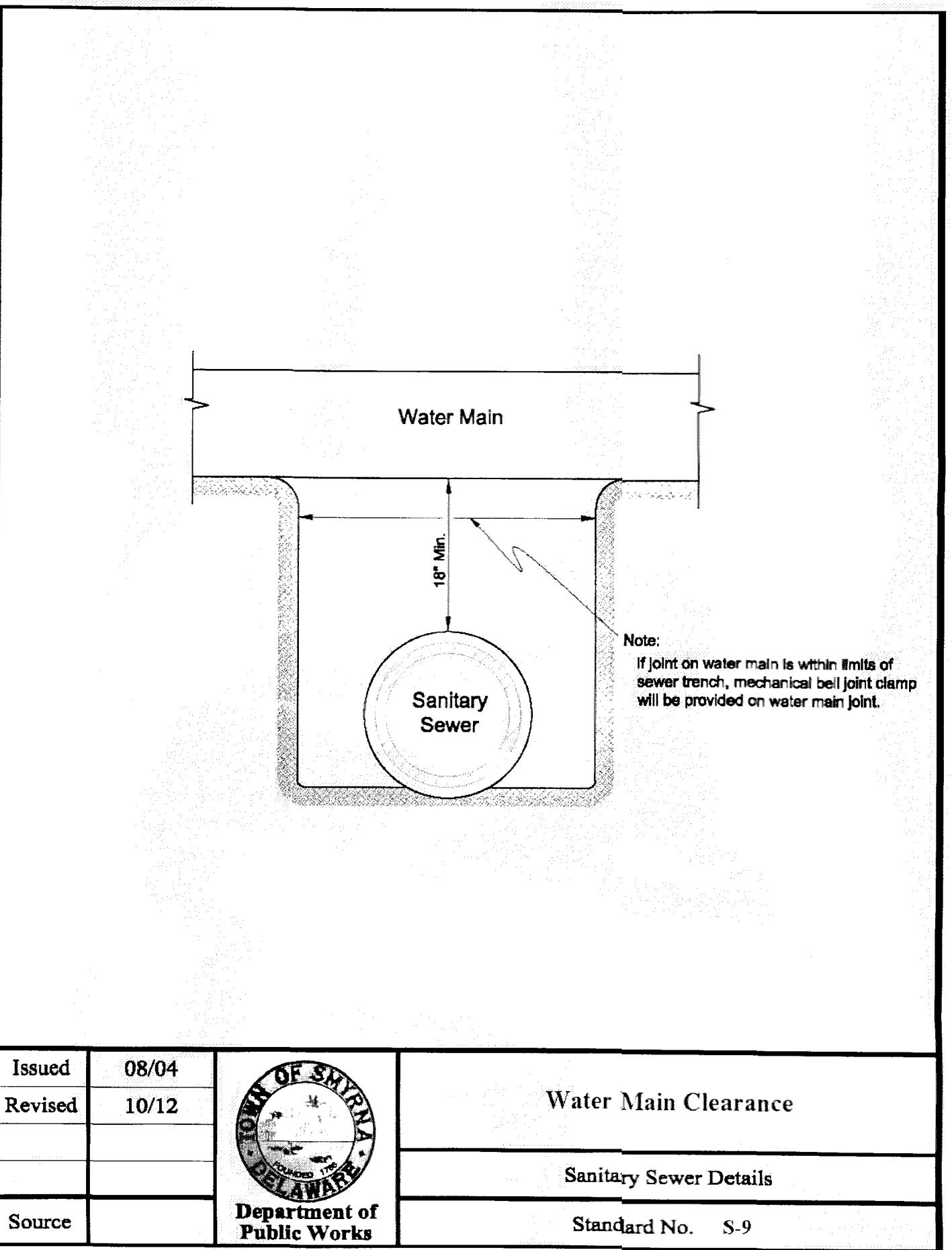
TOWN OF SMYRNA, KENT COUNTY, DELAWARE
PREPARED FOR: KHOKHAR, LLC

LARSON
ENGINEERING GROUP INC.
CIVIL ENGINEERING & LAND PLANNING

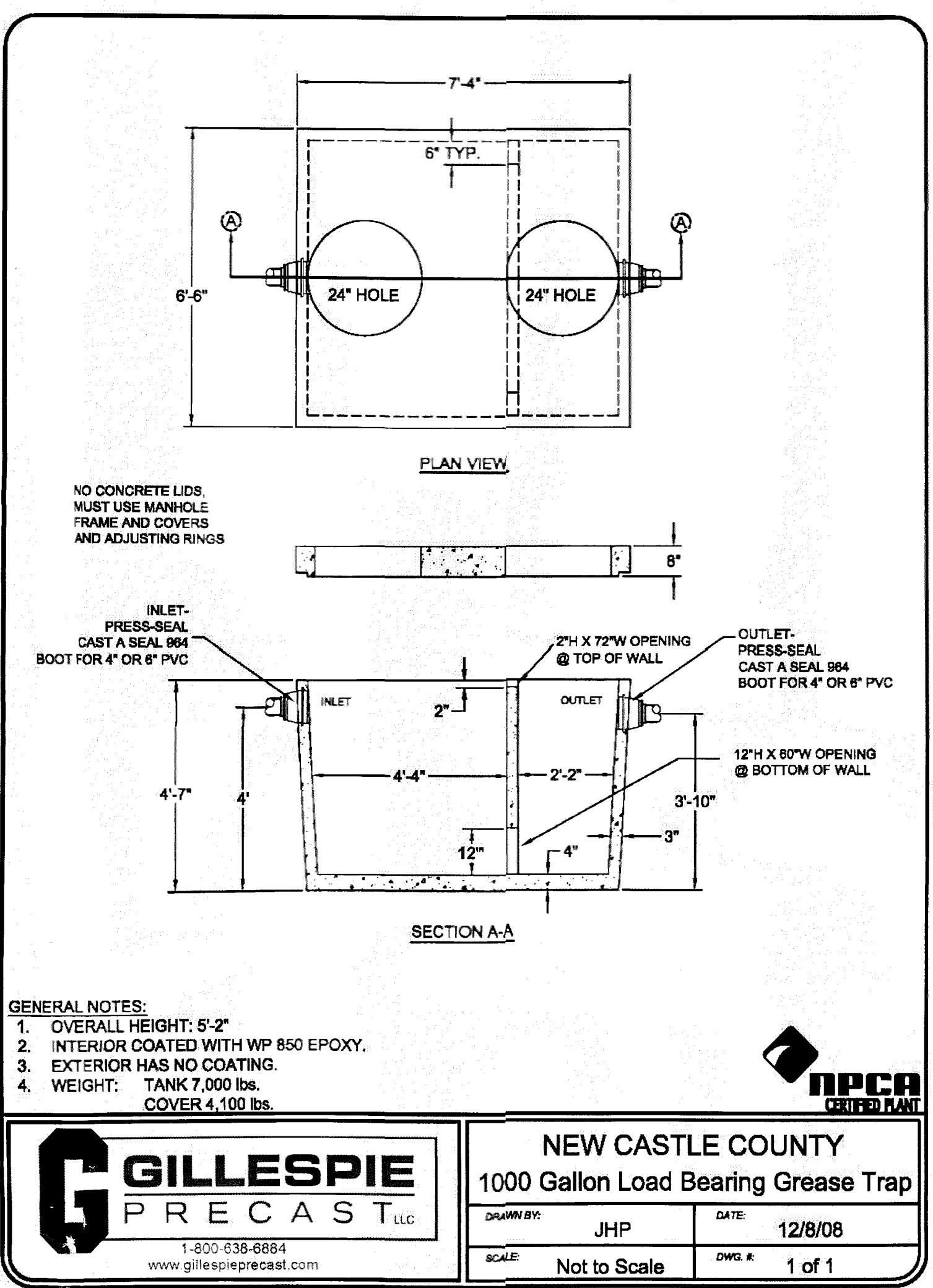
910 SOUTH CHAPEL STREET • SUITE 200
NEWARK, DE 19713
Phone: (302) 731-7434
Fax: (302) 731-8211



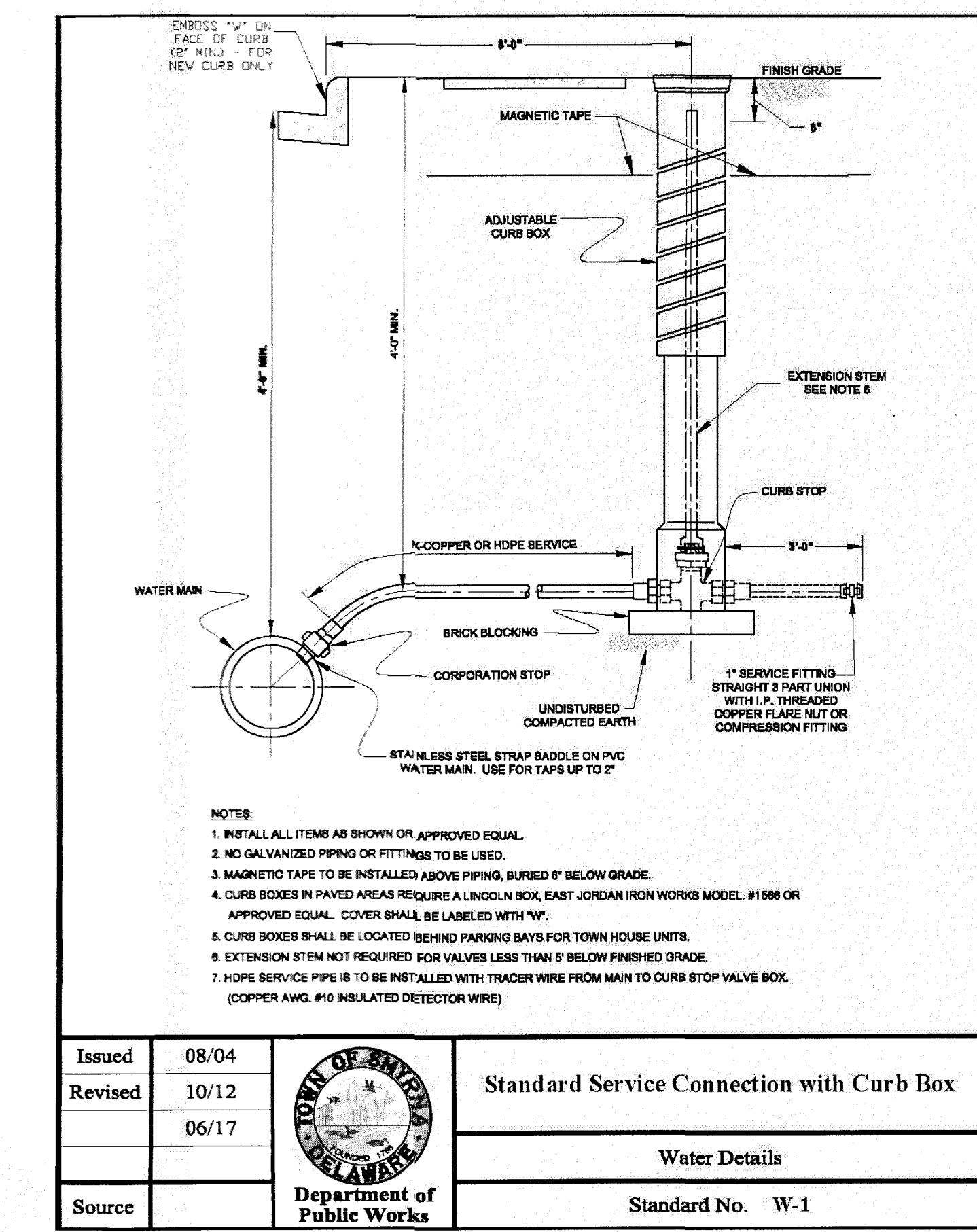
Issued	08/04		Standard Manhole Steps
Revised			Sanitary Sewer Details
			Source
			Standard No. S-8



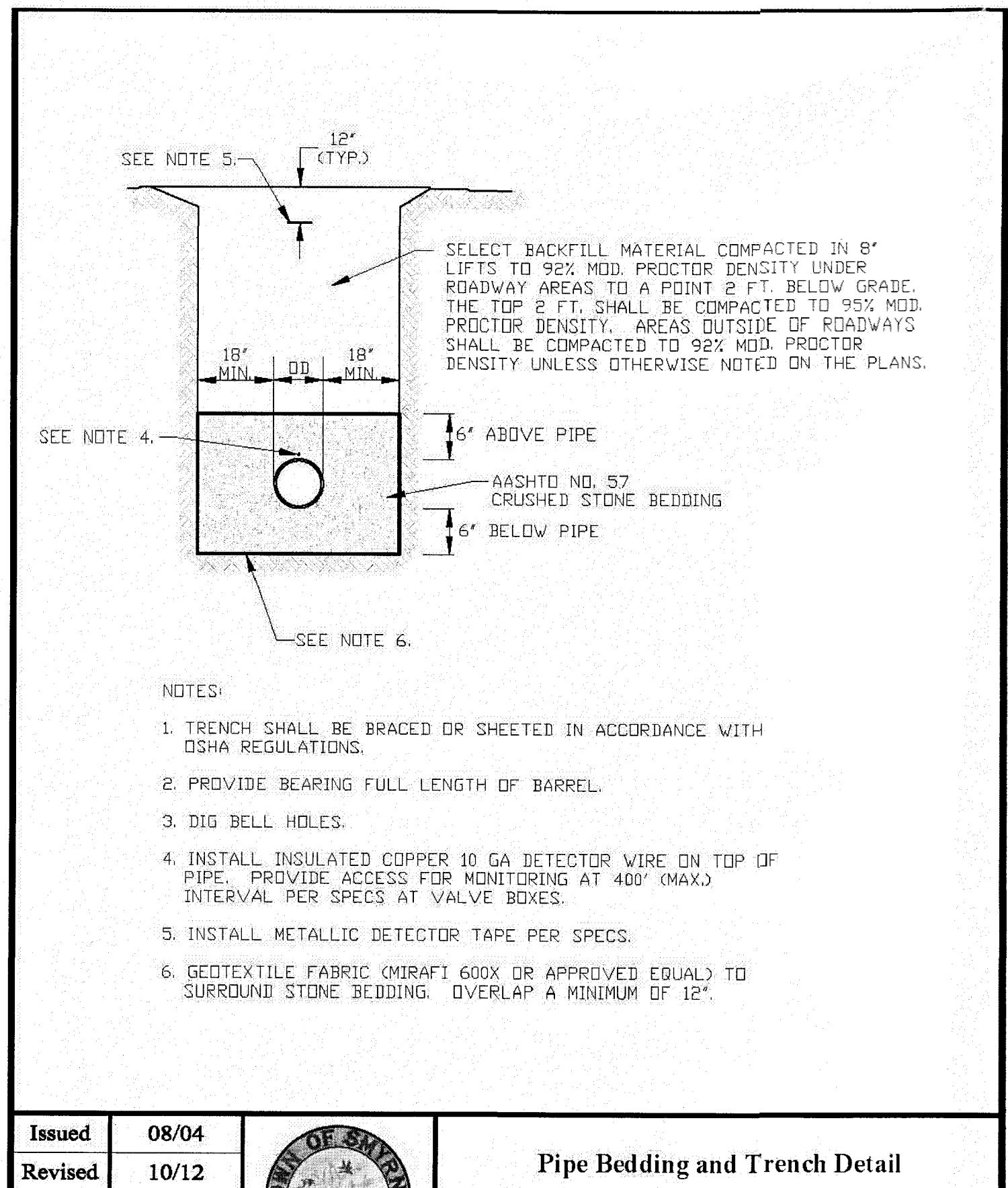
Issued	08/04		Water Main Clearance
Revised	10/12		Sanitary Sewer Details
			Source
			Standard No. S-9



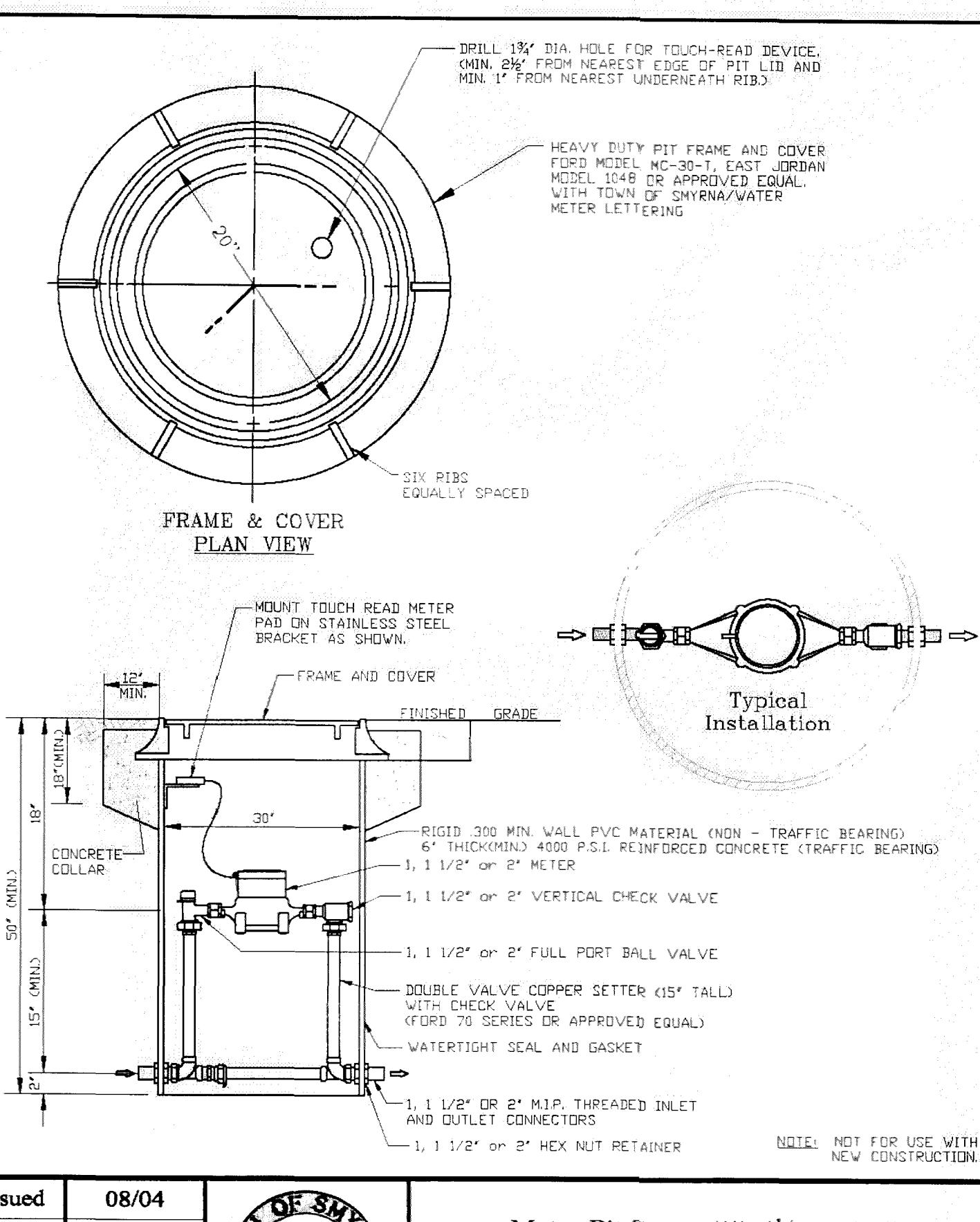
G GILLESPIE PRECAST LLC	NEW CASTLE COUNTY
1-800-638-6884 www.gillespieprecast.com	1000 Gallon Load Bearing Grease Trap
DRAWN BY: JHP DATE: 12/8/08	SCALE: Not to Scale DWG #: 1 of 1

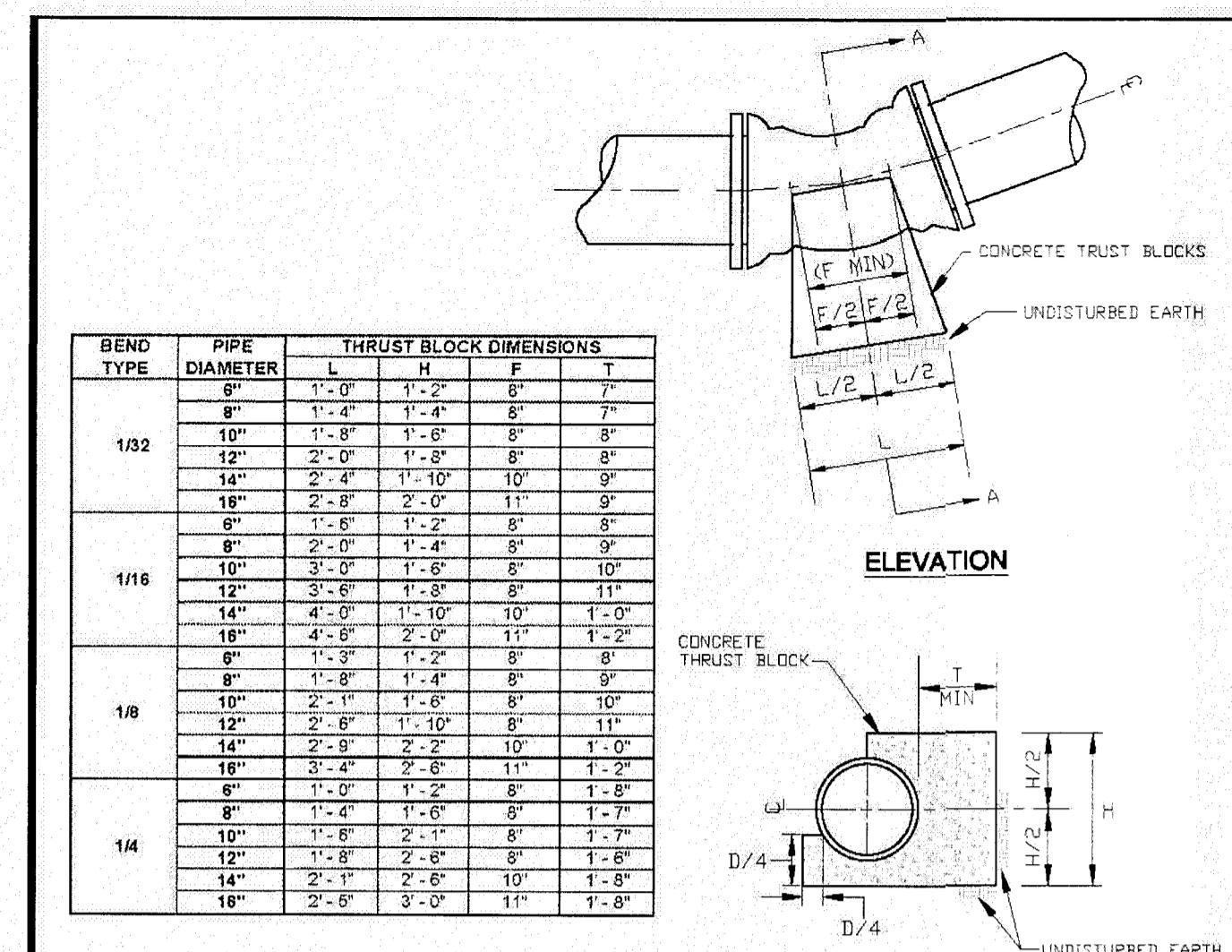


Issued	08/04		Standard Service Connection with Curb Box
Revised	10/12		Water Details
	06/17		Source
			Standard No. W-1



Issued	08/04		Pipe Bedding and Trench Detail
Revised	10/12		Water Details
	06/17		Source
			Standard No. W-3

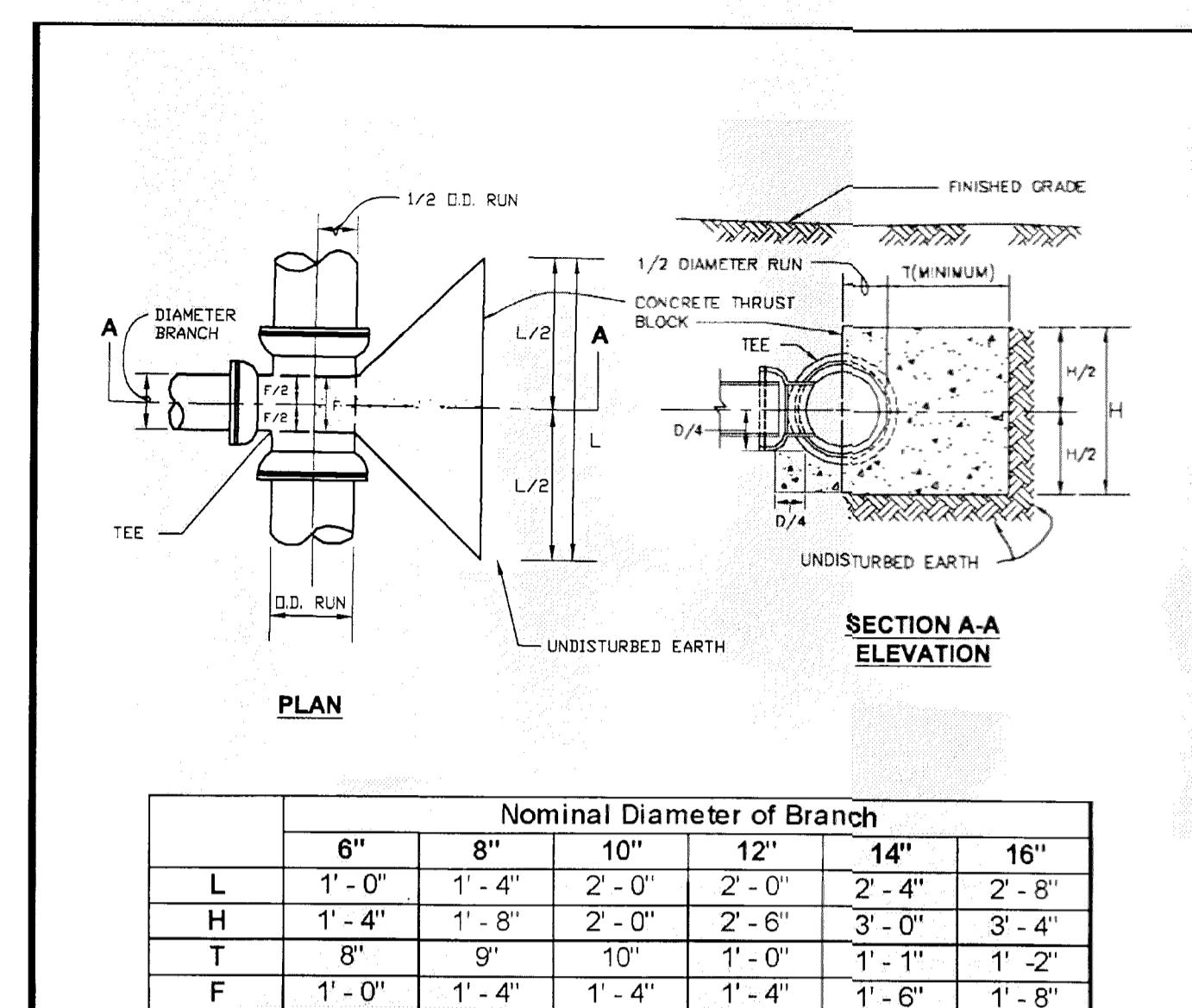




NOTES:

1. CONCRETE STRENGTH - MIN. 3000 PSI AT 28 DAYS.
2. STANDARD THRUST BLOCKING IS BASED ON THE FOLLOWING ASSUMPTIONS AND LIMITATIONS; IF THESE CONDITIONS ARE NOT MET, SPECIAL DESIGN IS REQUIRED:
 - A) SOIL CONDITIONS ARE SOFT OR ORGANIC.
 - B) ELEVATION OF GROUNDWATER TABLE ASSUMED TO BE BELOW BOTTOM OF THE BLOCK.
 - C) ELEVATION OF GROUNDWATER TABLE ASSUMED TO EQUAL 3'-6" OR DEEPER.
 - D) IF SOIL CONDITIONS ARE SOFT OR ORGANIC, SPECIAL DESIGN IS REQUIRED (MIN. SOIL BEARING PRESSURE OF 3,000 PSF).
 - E) FOR LARGER PIPE DIAMETER, SEE DRAWINGS FOR SPECIAL DETAILS.
 - F) ALL DIMENSIONS ARE MINIMUMS EXCEPT WHERE LARGER DIMENSIONS WILL INTERFERE WITH THE PIPE JOINTS OR NOT FACILITATE BOLT REMOVAL ON MECHANICAL JOINT FITTINGS.
 - G) MECHANICAL JOINTS (i.e. MEGA LUGS) MAY BE USED IN LIEU OF THRUST BLOCKS.

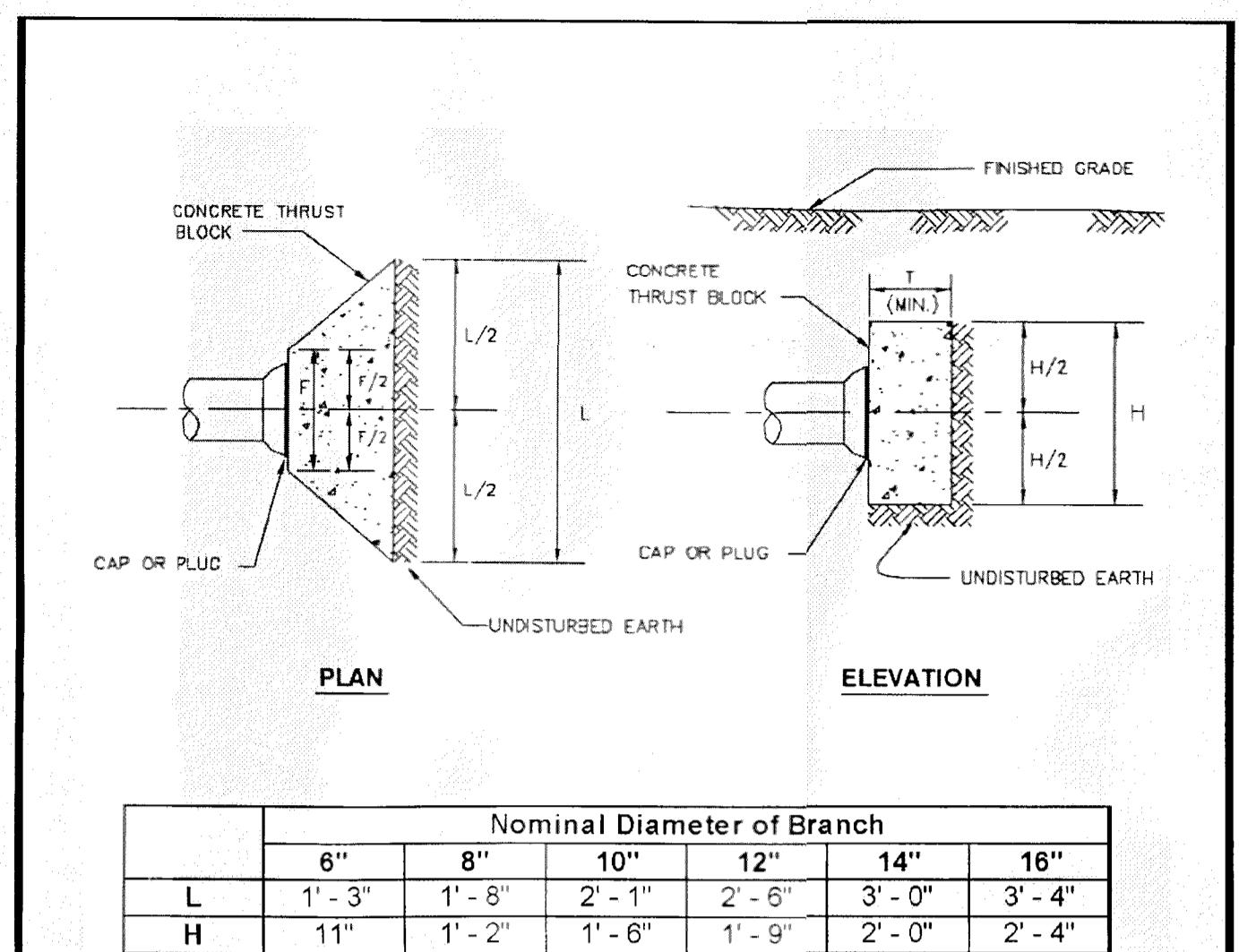
Issued	08/04		Thrust Blocks for Horizontal Bends
Revised			Water Details
Source			Standard No. W-5



NOTES:

1. SEE BLOCKING DESIGN REQUIREMENT NOTES, STANDARD DETAIL W-5.
2. MECHANICAL JOINTS (i.e. MEGA LUGS) MAY BE USED IN LIEU OF THRUST BLOCKS FOR PLUGS AND CAPS.

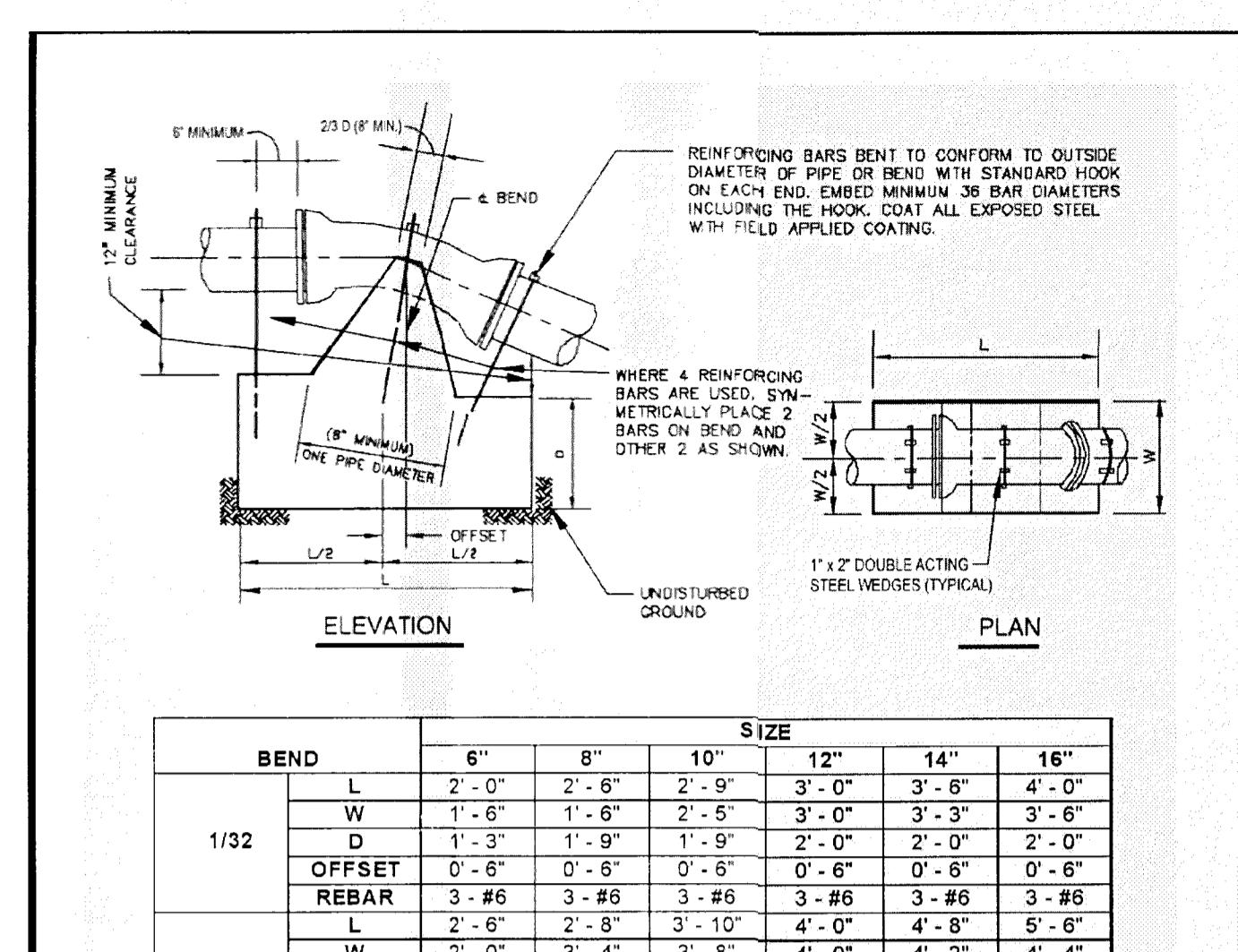
Issued	08/04		Thrust Blocks for Tees and Tapping Sleeves
Revised			Water Details
Source			Standard No. W-6



NOTES:

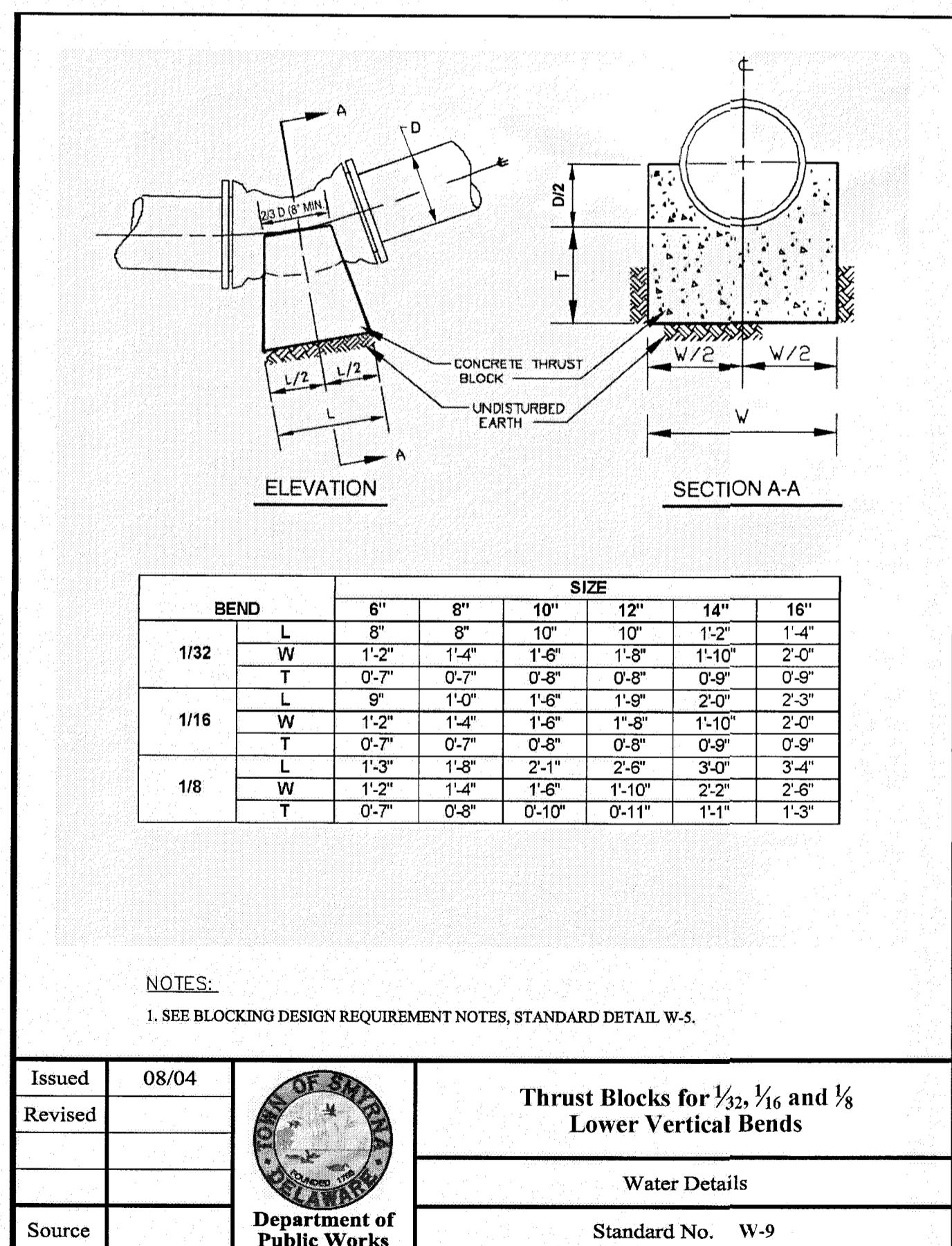
1. SEE BLOCKING DESIGN REQUIREMENT NOTES, STANDARD DETAIL W-5.
2. MECHANICAL JOINTS (i.e. MEGA LUGS) MAY BE USED IN LIEU OF THRUST BLOCKS FOR PLUGS AND CAPS.

Issued	08/04		Thrust Blocks for Plugs and Caps
Revised			Water Details
Source			Standard No. W-7



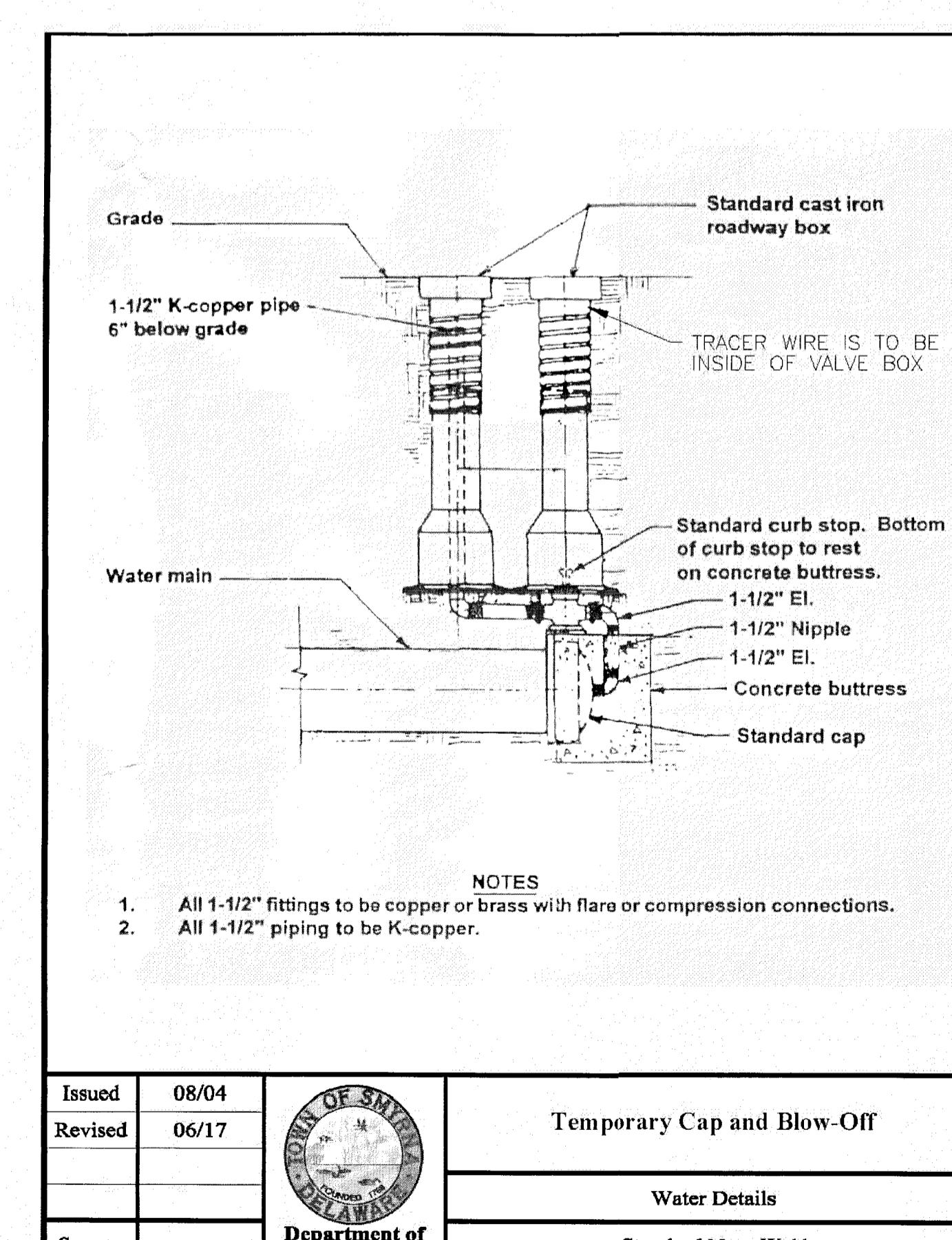
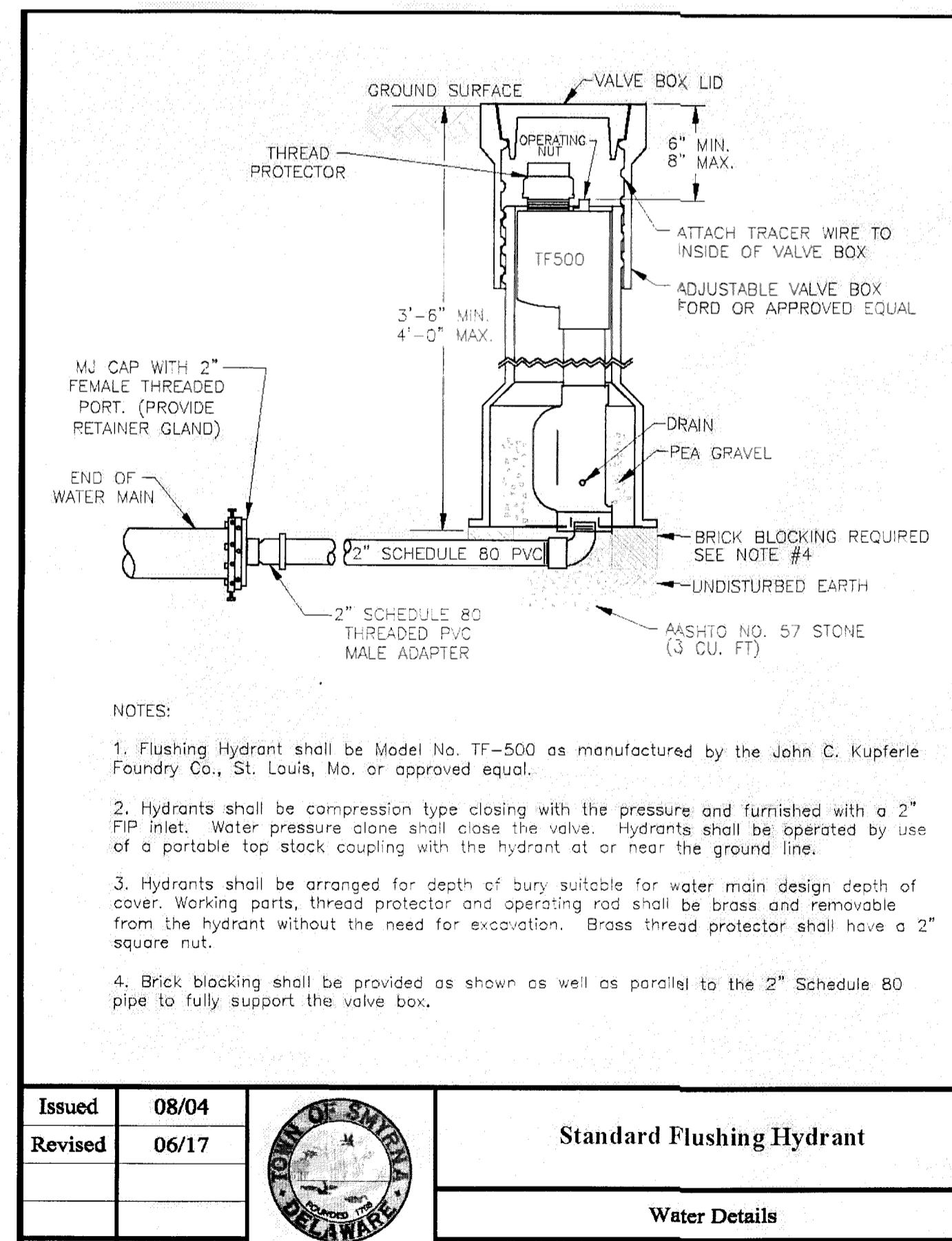
1. SEE BLOCKING DESIGN REQUIREMENT NOTES, STANDARD DETAIL W-5.

Issued	08/04		Anchorage for 1/32, 1/16, and 1/8 Upper Vertical Bends
Revised			Water Details
Source			Standard No. W-8

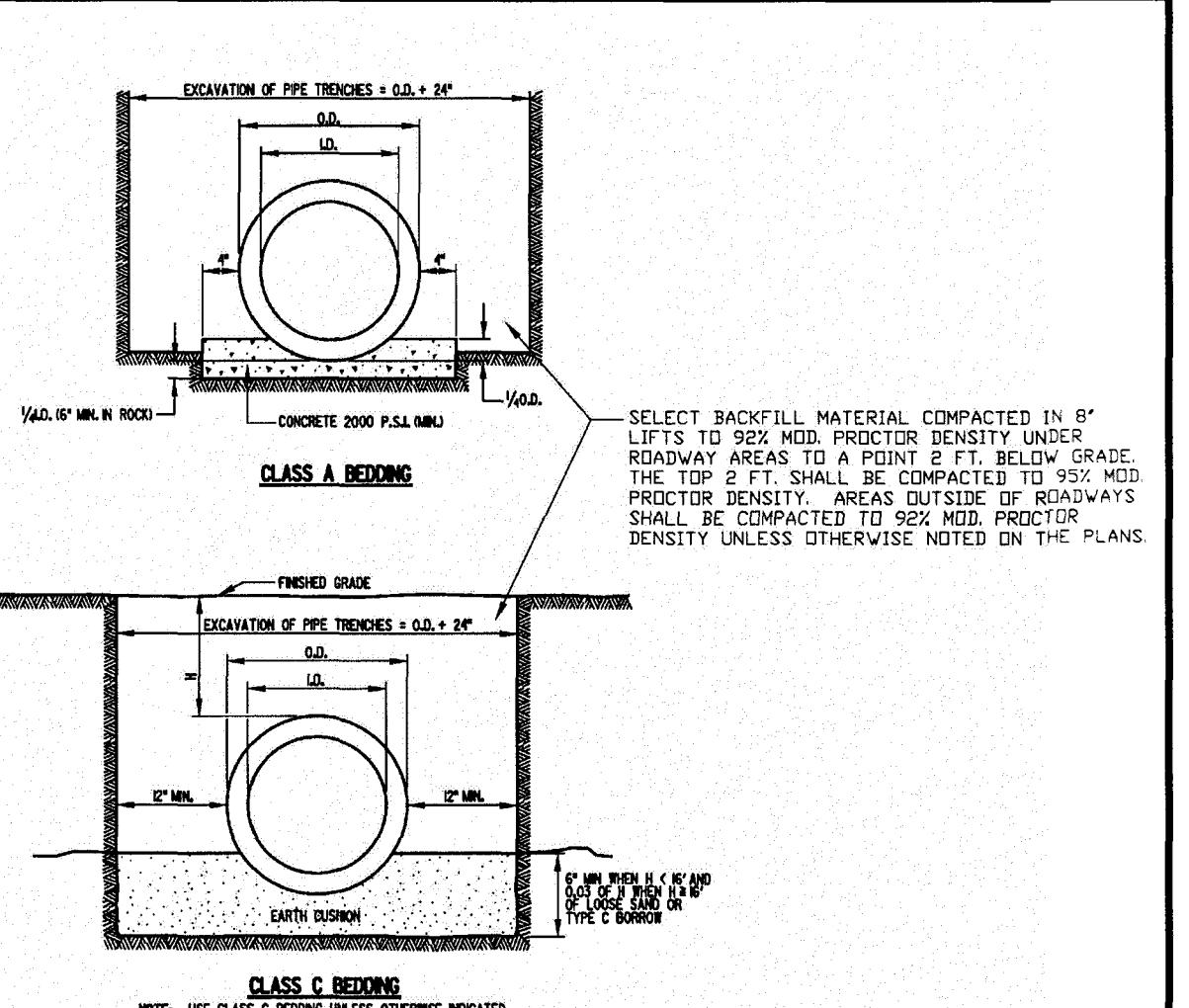


1. SEE BLOCKING DESIGN REQUIREMENT NOTES, STANDARD DETAIL W-5.

Issued	08/04		Thrust Blocks for 1/32, 1/16, and 1/8 Lower Vertical Bends
Revised			Water Details
Source			Standard No. W-9



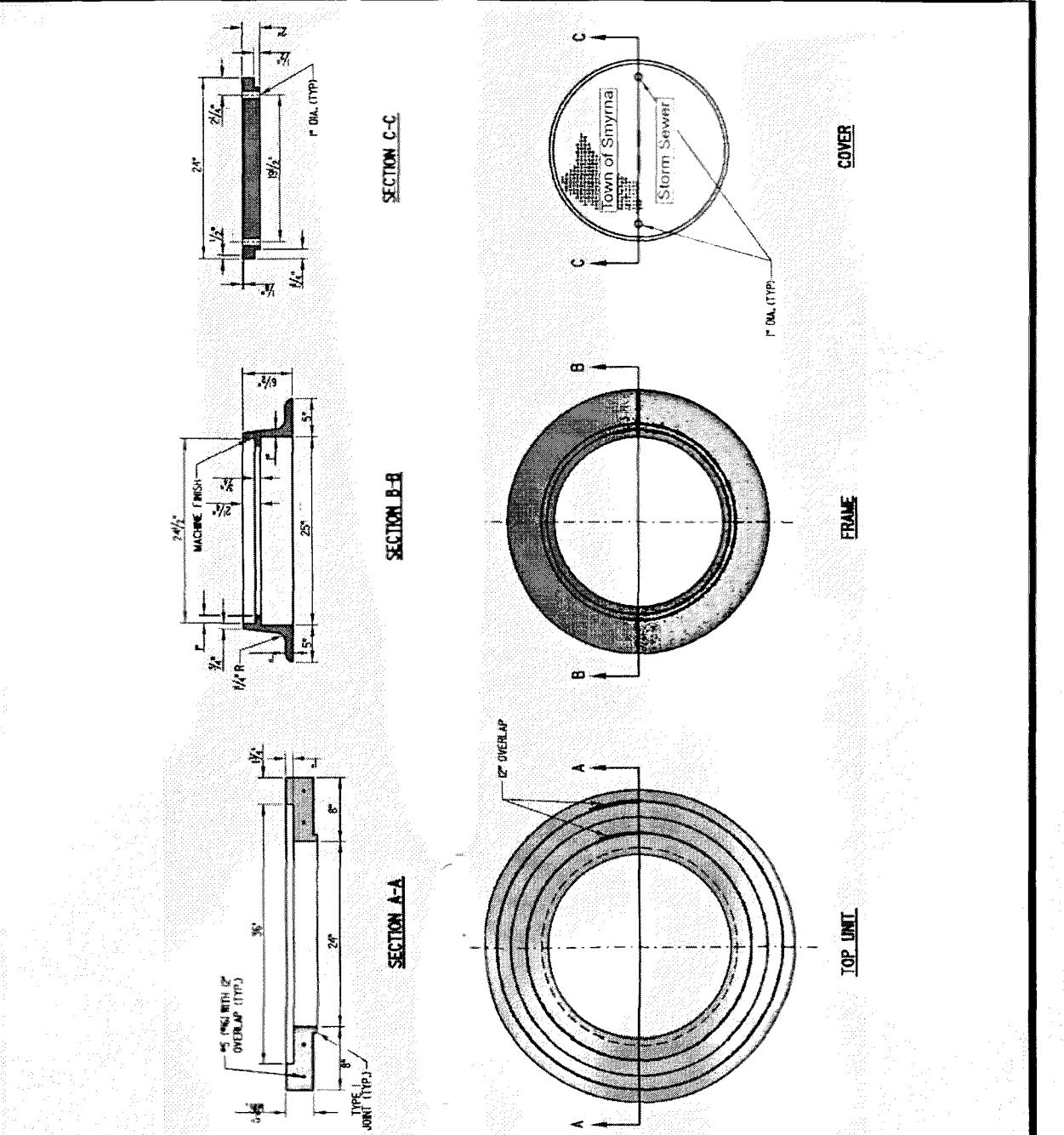
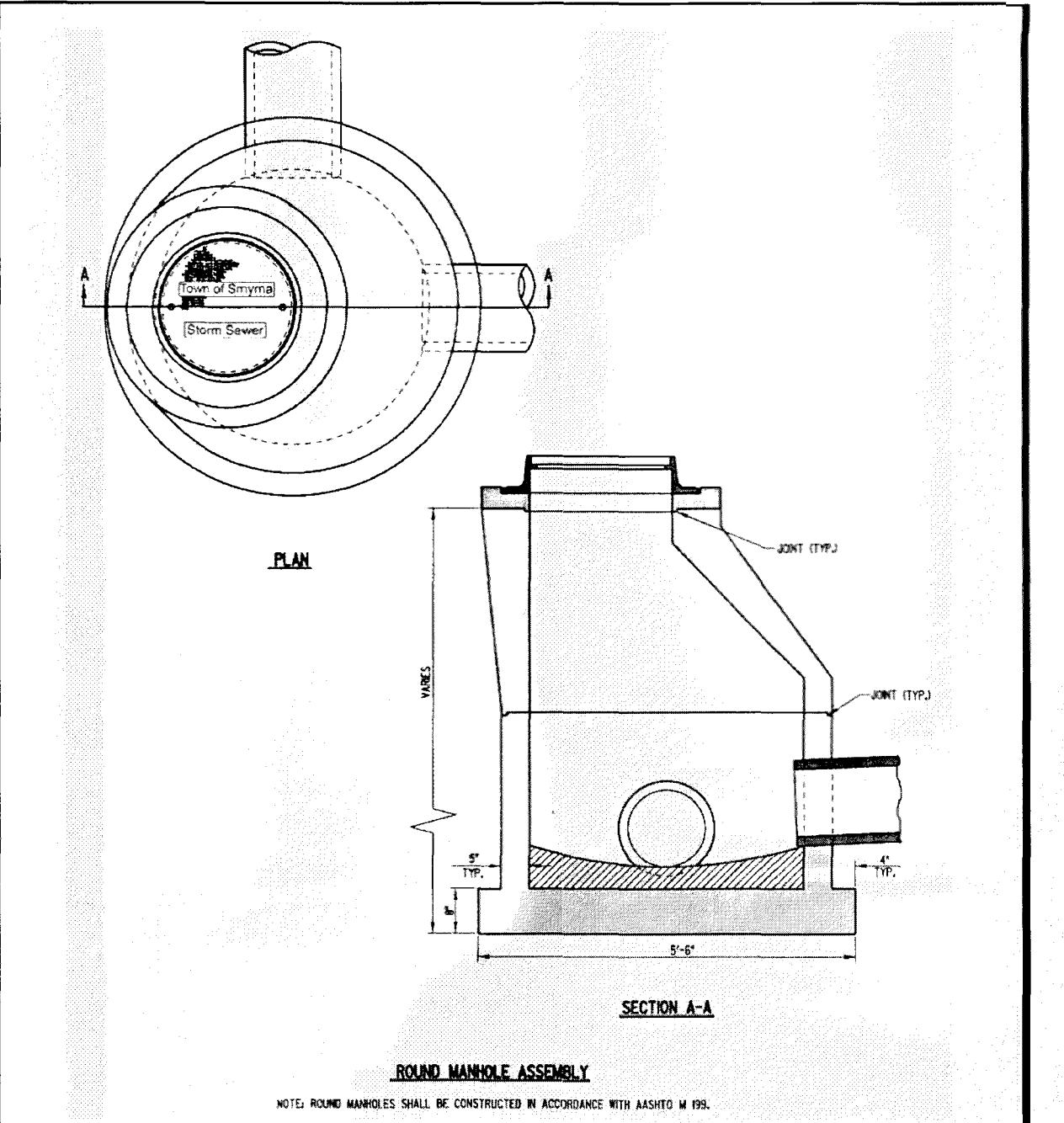
DATE 4/19/21	SCALE AS NOTED	UTILITY DETAIL SHEET	
JOB NO. 18-009	DRAWN BY BDlenhoff	FOR	
APPROVED BY: AJCollins	DESIGNED BY: Djilberman	GATEWAY NORTH MIXED-USE	
APPROVED BY: GHLarson	CHECKED BY: Djilberman	TOWN OF SMYRNA, KENT COUNTY, DELAWARE	
DATE REVISION		PREPARED FOR: KHOKHAR, LLC	
		CIVIL ENGINEERING & LAND PLANNING	
LARSON ENGINEERING GROUP INC.		910 SOUTH CHAPEL STREET • SUITE 200 NEWARK, DE 19713 Phone: (302) 731-8211	
UP-6		CADD FILE: UtilityPlan_Kholkar	



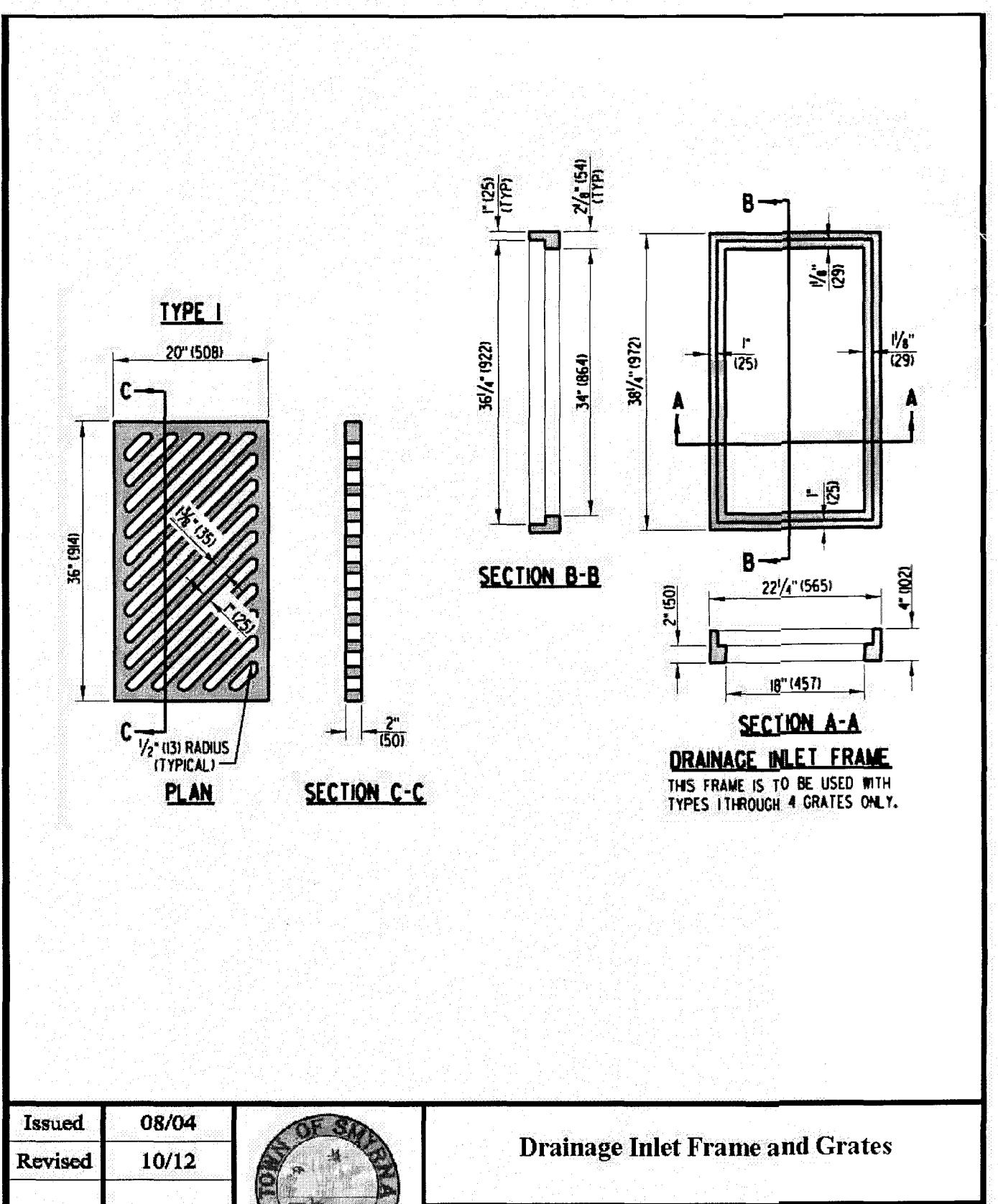
NOTES:

1. TRENCH SHALL BE BRACED OR SHEETED IN ACCORDANCE WITH OSHA REGULATIONS.
2. PROVIDE BEARING FULL LENGTH OF BARREL.
3. DIG BELL HOLES.
4. IF GRADED AGGREGATE IS USED FOR BACKFILL, THE TRENCH SHALL BE WRAPPED WITH GEOTEXTILE FABRIC (MIRAFI 600X OR APPROVED EQUAL).

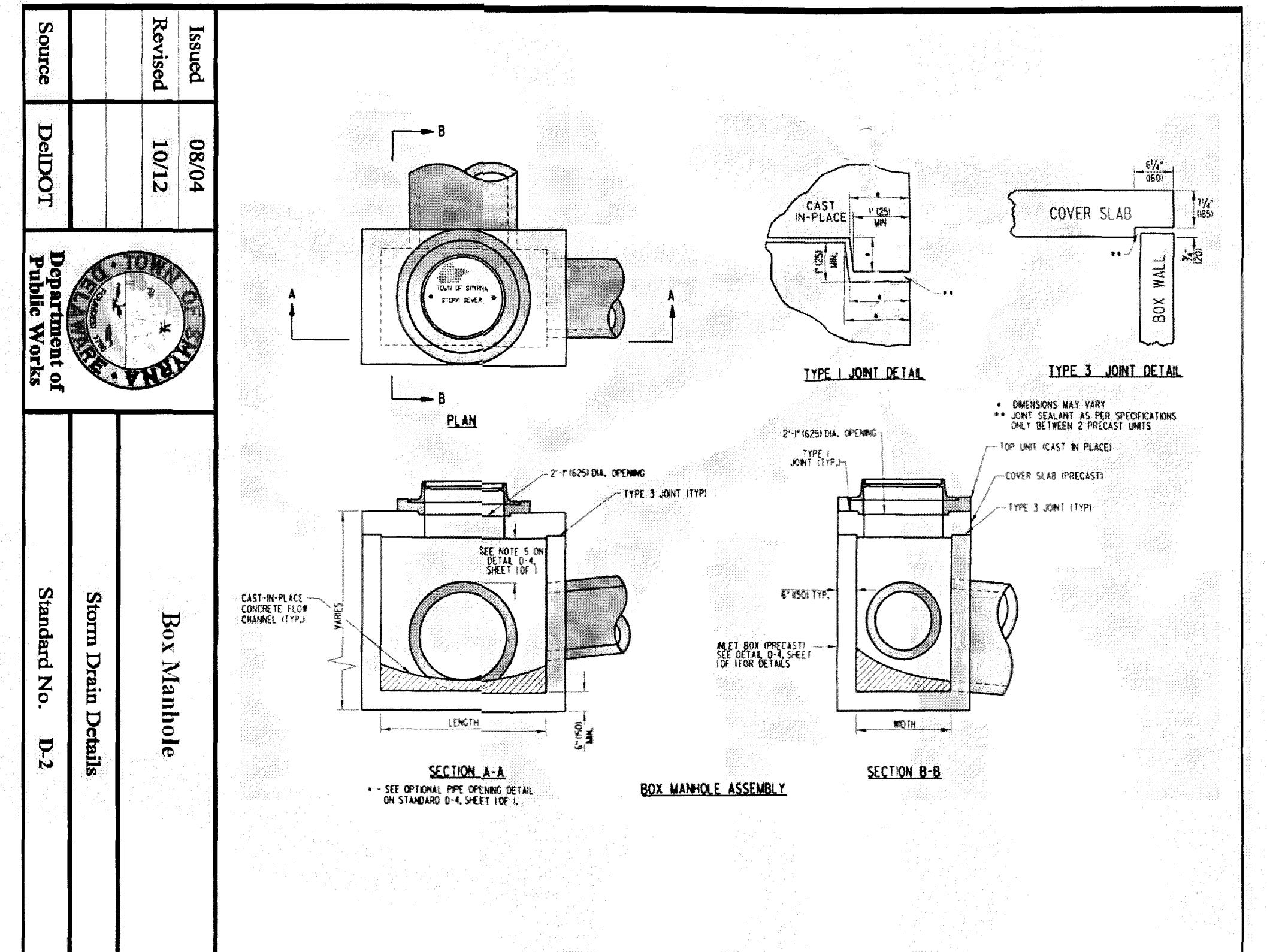
Issued	08/04	TOWN OF SMYRNA DELAWARE Department of Public Works	Trench Width and Detail
Revised	10/12		Storm Drain Details
			Standard No. D-1
Source	DelDOT		



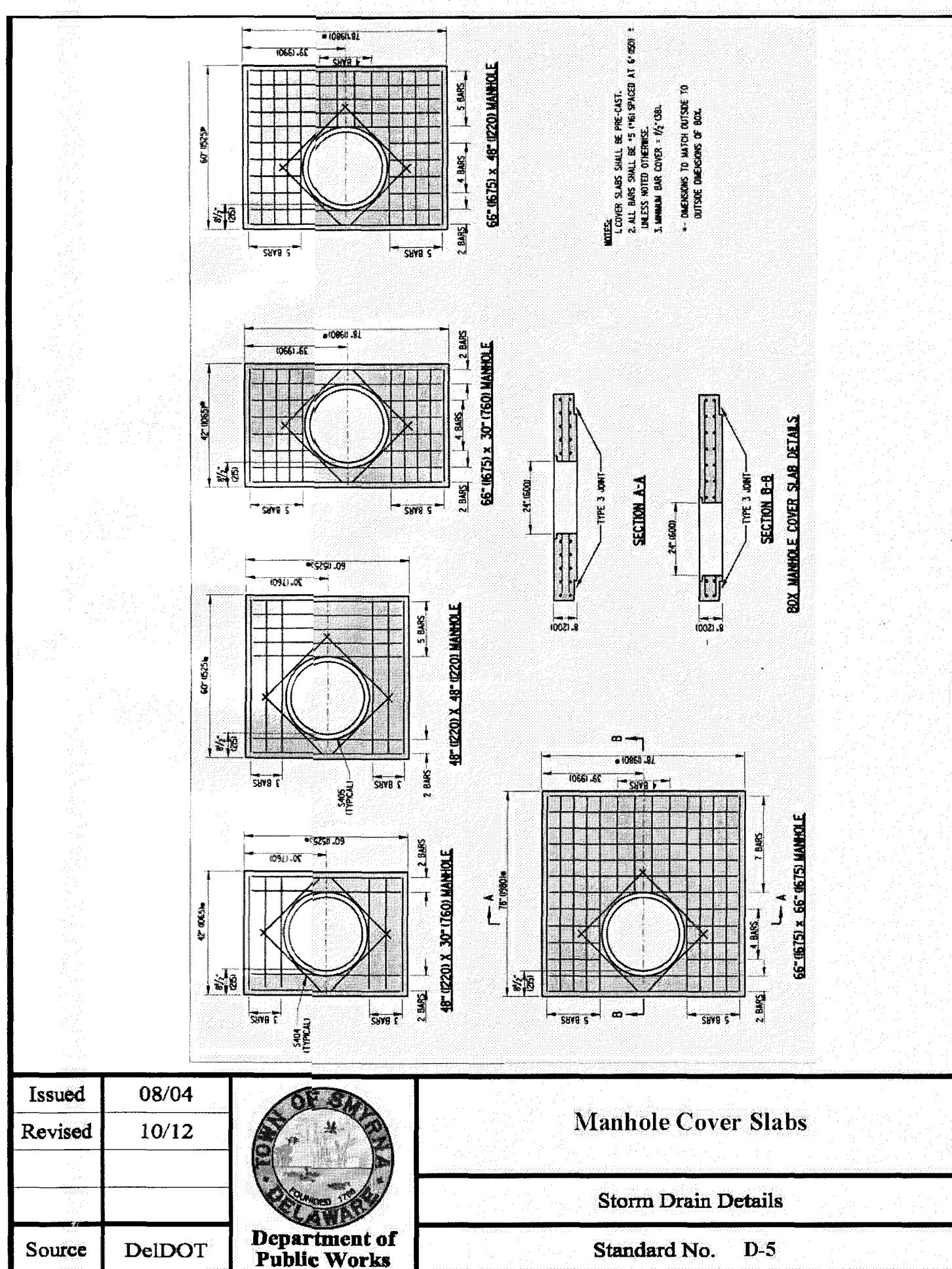
Issued	08/04	TOWN OF SMYRNA DELAWARE Department of Public Works	Round Manhole
Revised			Storm Drain Details
			Standard No. D-3
Source	DelDOT		



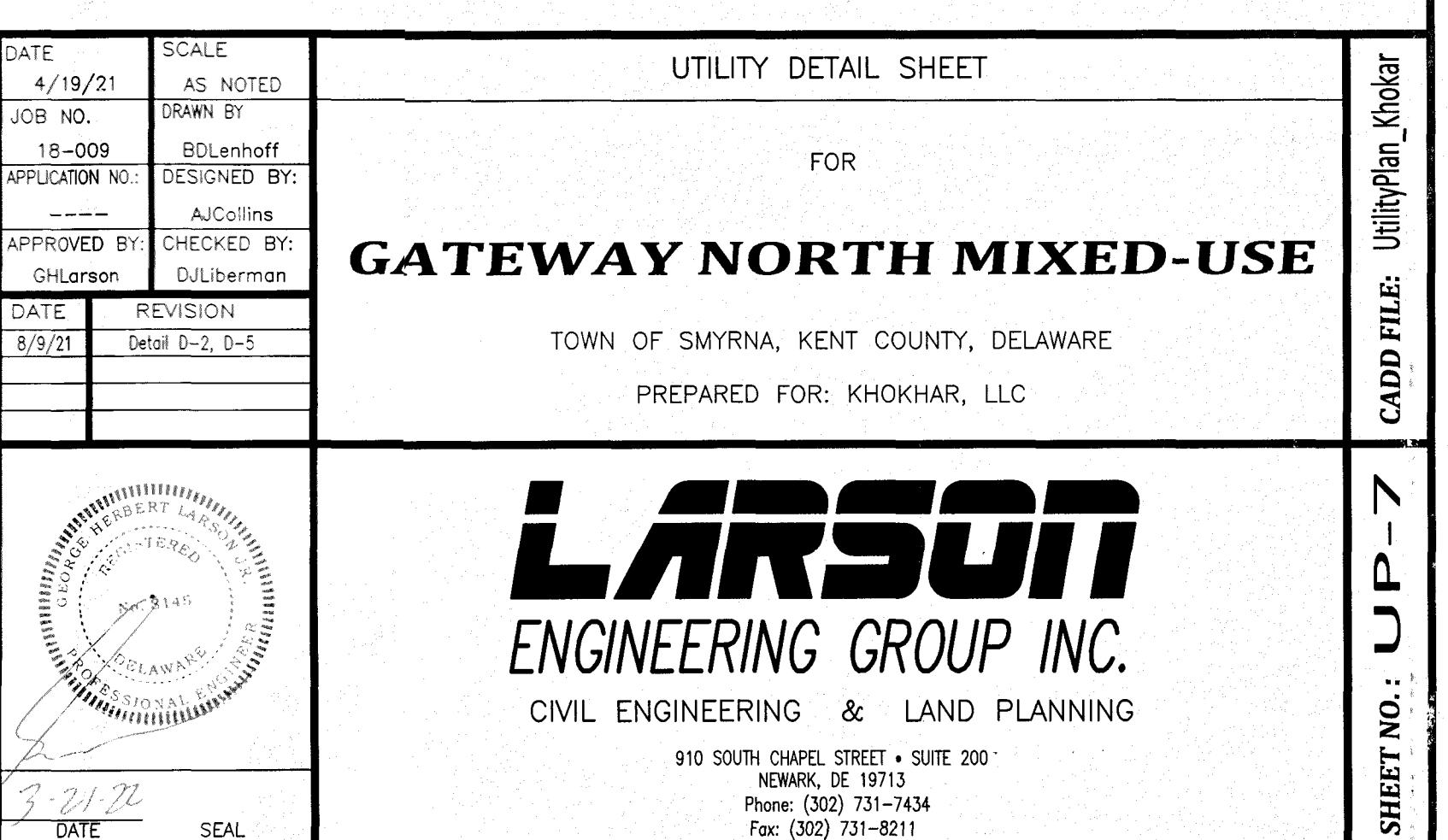
Issued	08/04	TOWN OF SMYRNA DELAWARE Department of Public Works	Drainage Inlet Frame and Grates
Revised	10/12		Storm Drain Details
			Standard No. D-8
Source	DelDOT		

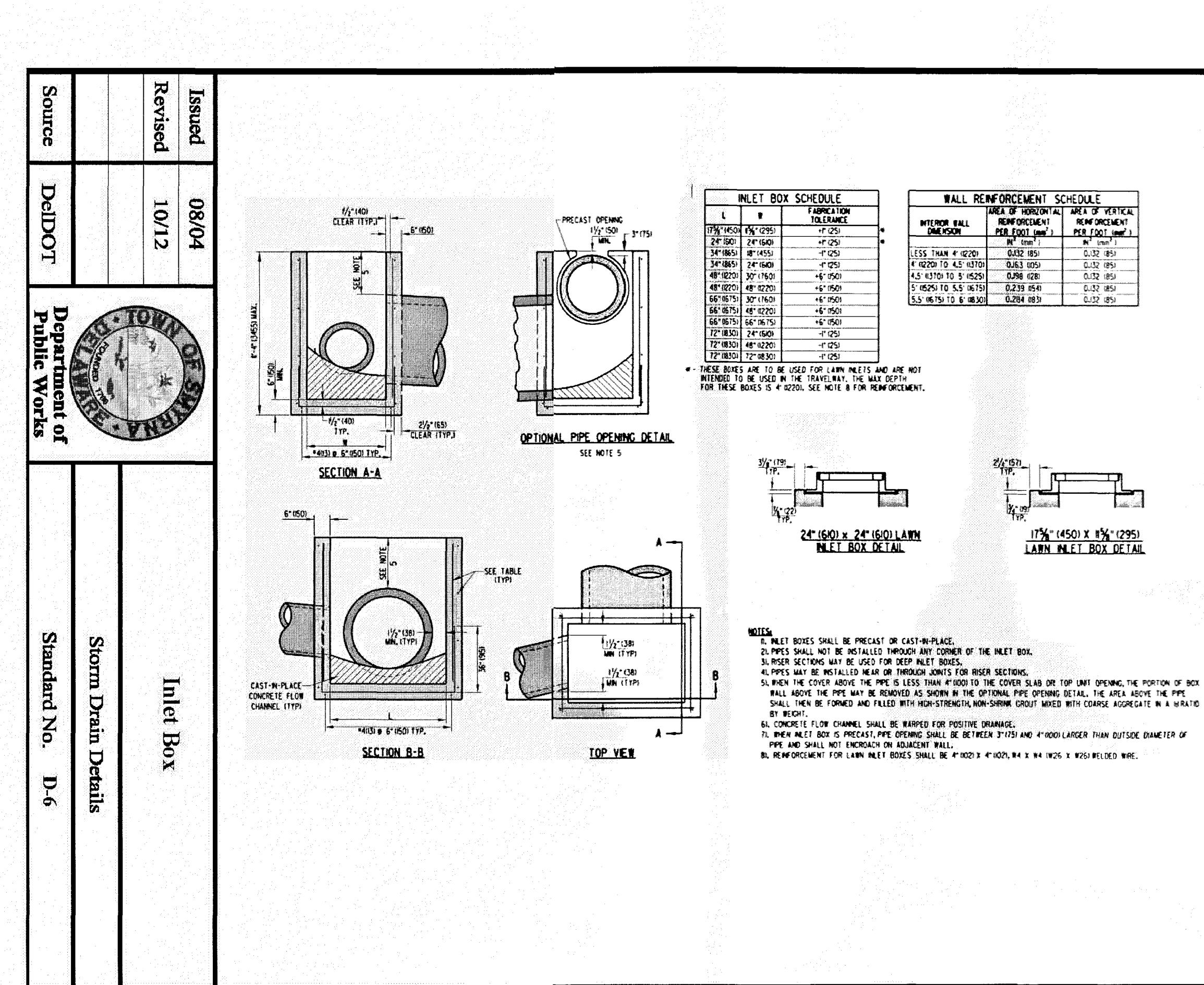


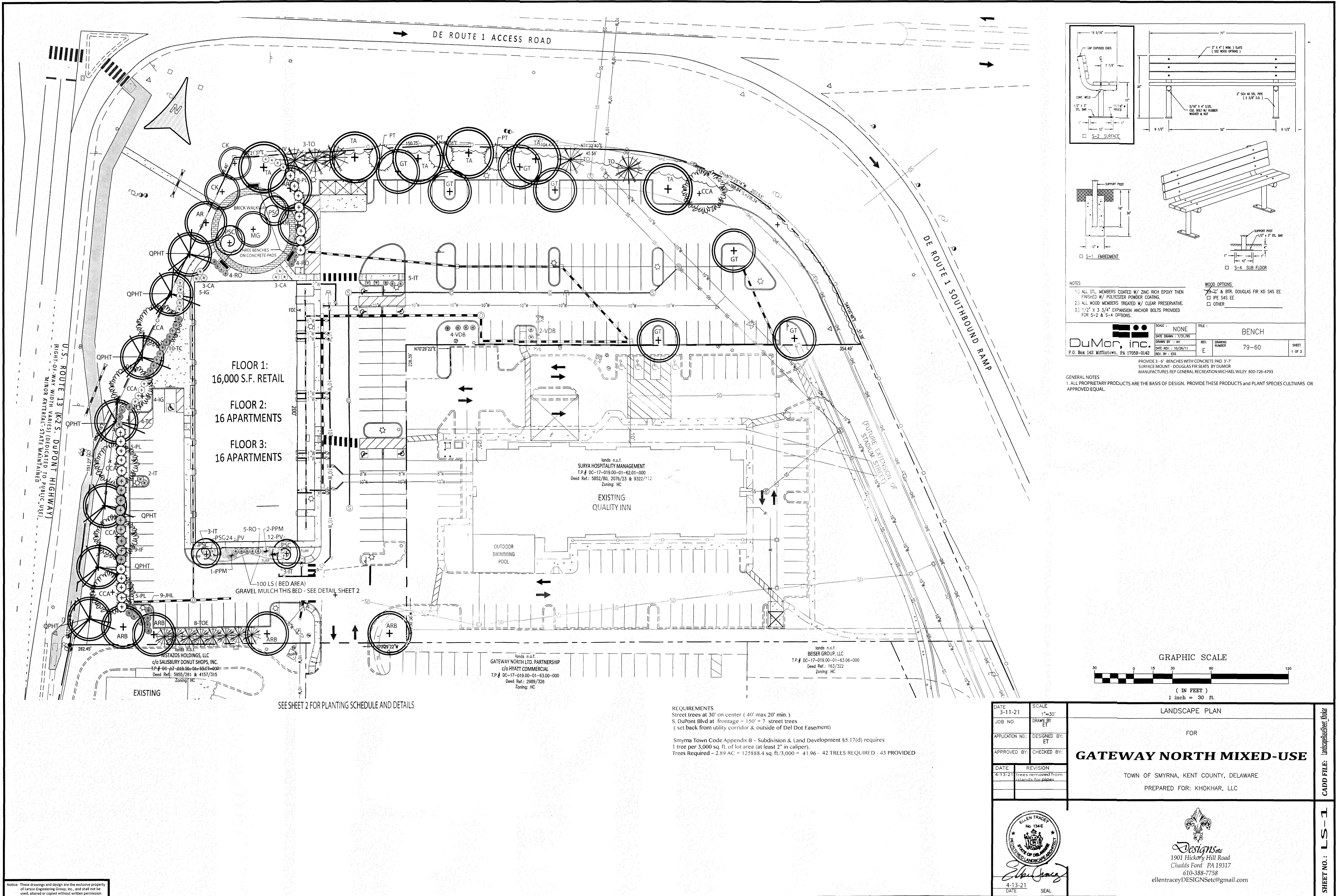
Issued	08/04	TOWN OF SMYRNA DELAWARE Department of Public Works	Box Manhole
Revised	10/12		Storm Drain Details
			Standard No. D-2
Source	DelDOT		

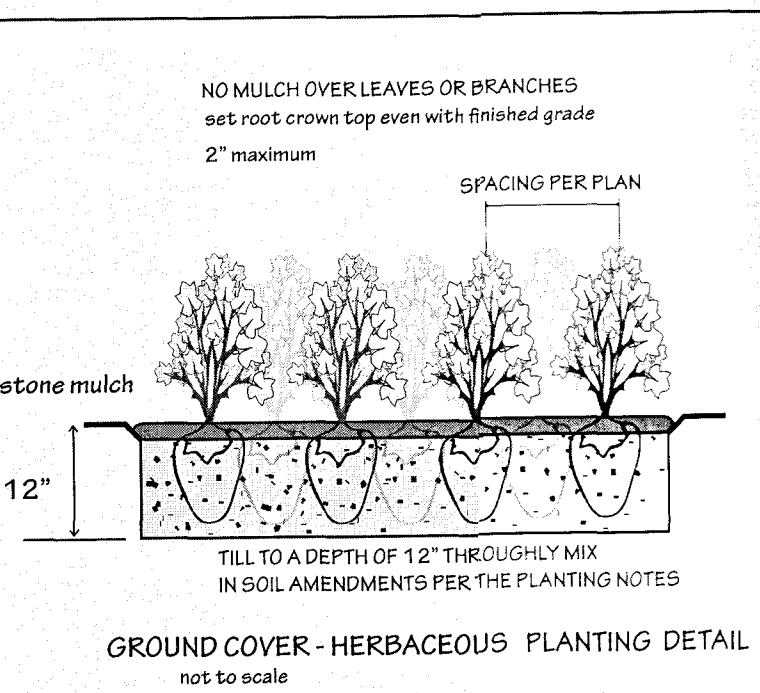
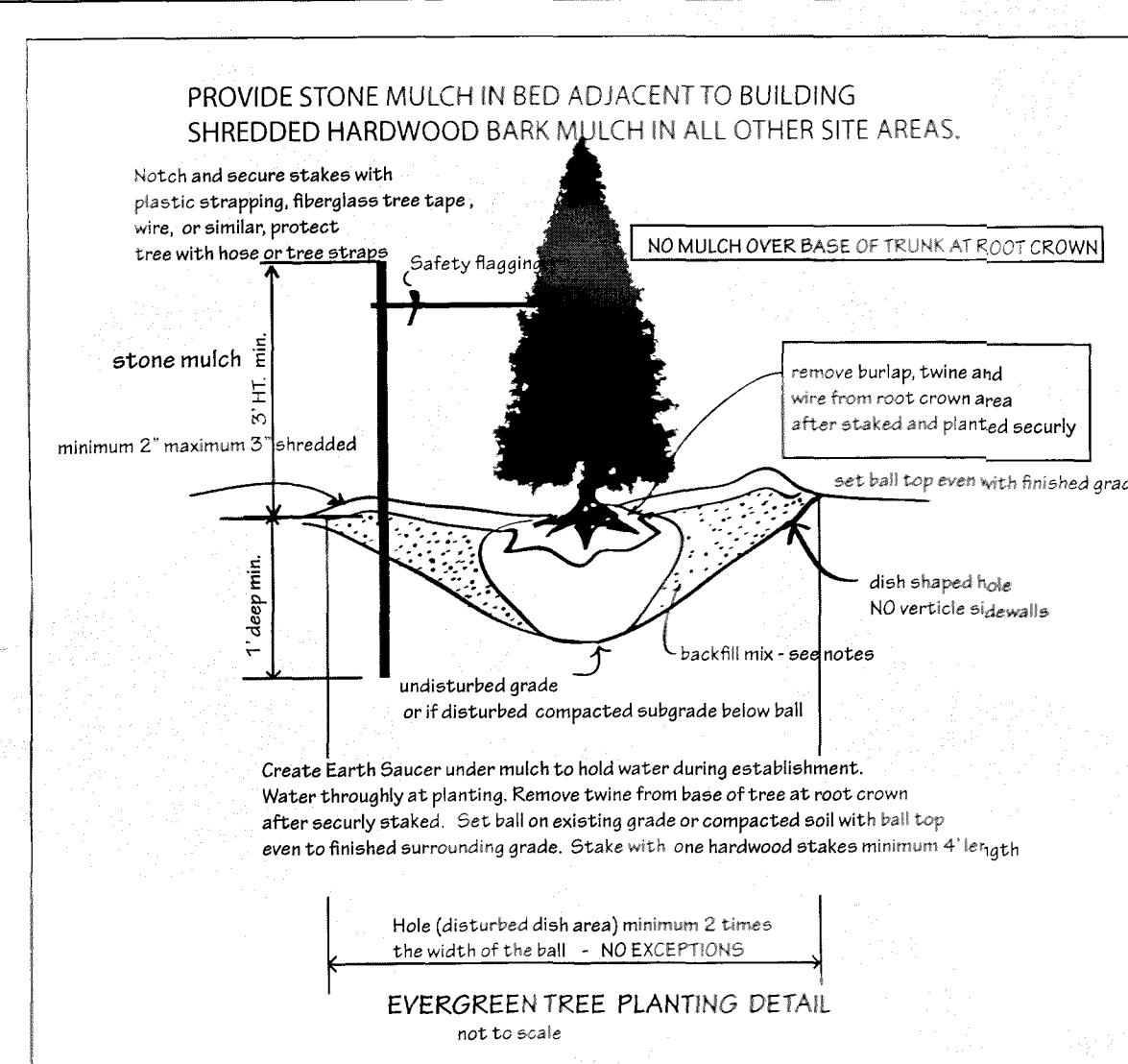
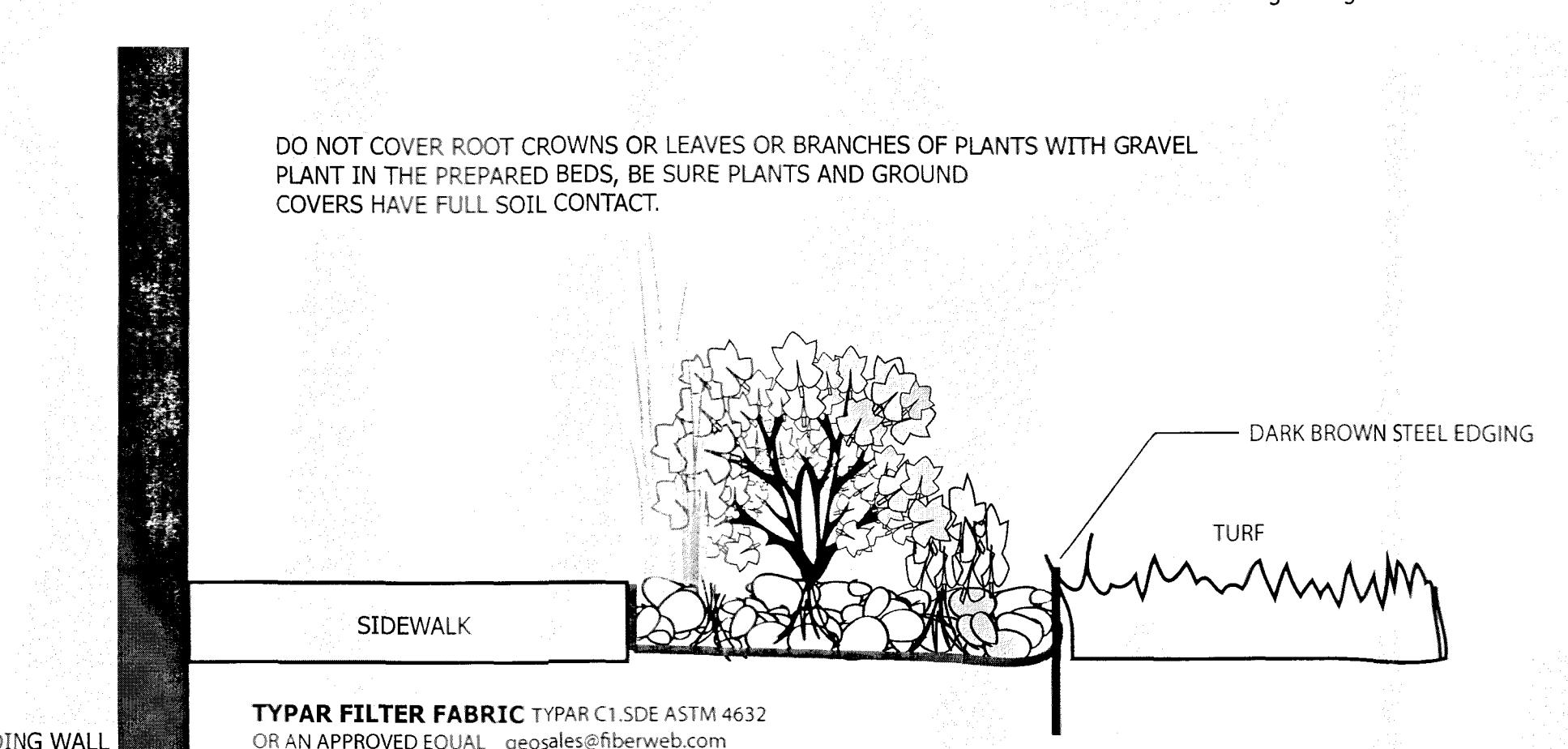
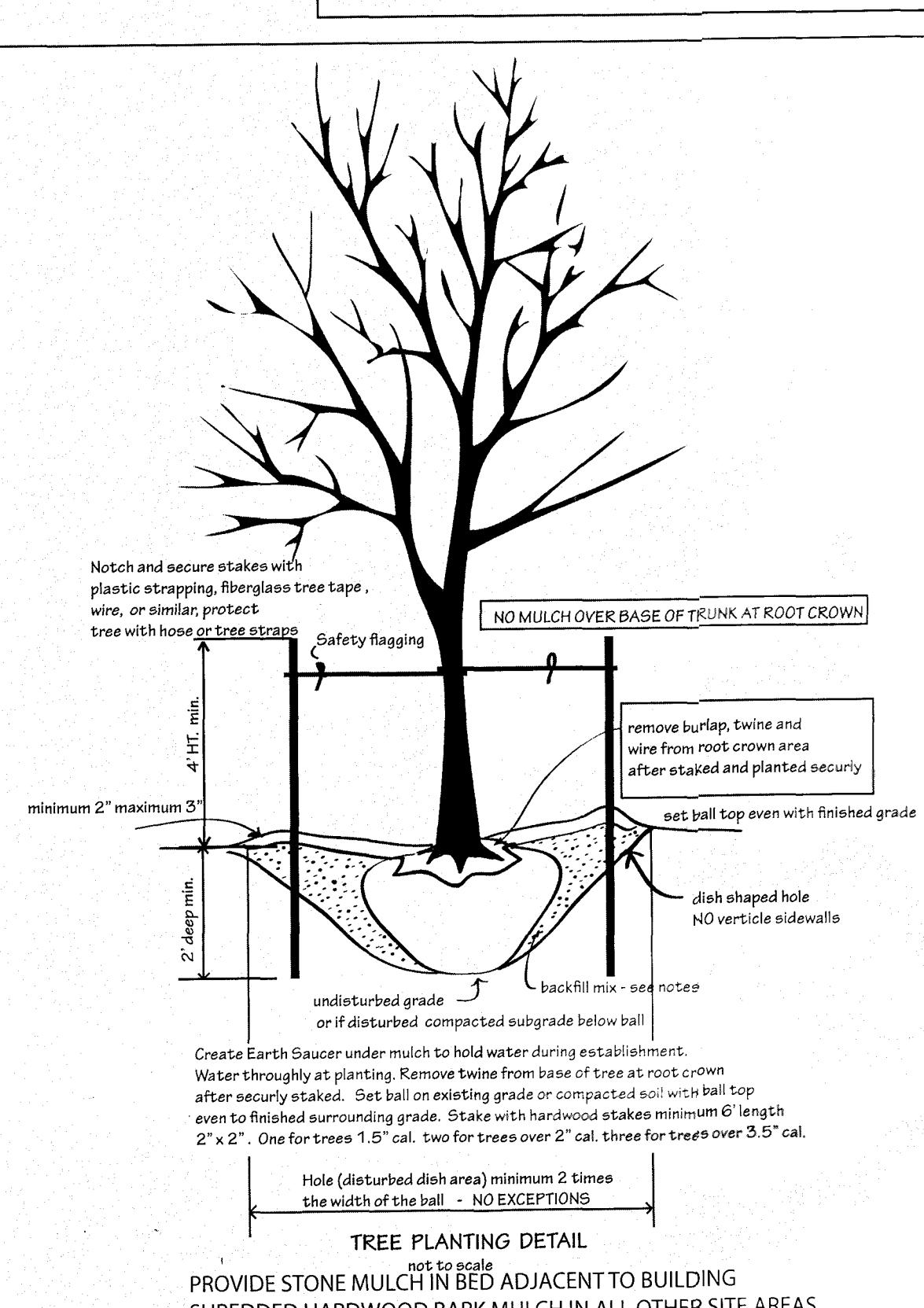


Issued	08/04	TOWN OF SMYRNA DELAWARE Department of Public Works	Manhole Cover Slabs
Revised	10/12		Storm Drain Details
			Standard No. D-5
Source	DelDOT		







 <p>GROUND COVER - HERBACEOUS PLANTING DETAIL not to scale</p>	<p>PLANTING SCHEDULE</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th>TYPE</th> <th>KEY #</th> <th>BOTANICAL AND COMMON NAME</th> <th>MINIMUM SIZE</th> <th>SPACING</th> </tr> </thead> <tbody> <tr><td>T</td><td>AR 3</td><td>ACER RUBRUM 'RED SUNSET' - RED SUNSET MAPLE</td><td>2.0' CAL. BB</td><td>INDIVIDUAL - site specific - see plan</td></tr> <tr><td>T</td><td>ARB 3</td><td>ACER RUBRUM 'RED SUNSET' - RED SUNSET MAPLE</td><td>2.0' CAL. BB</td><td>INDIVIDUAL - site specific - see plan</td></tr> <tr><td>T</td><td>CCA 6</td><td>CARPINUS CAROLINIANA PALISADE- PALISADE AMERICAN HORNBEAM</td><td>2.0' CAL. BB</td><td>INDIVIDUAL - site specific - see plan</td></tr> <tr><td>T</td><td>CK 3</td><td>CLADRATIS KENTUKEA PERKINS PINK - YELLOW WOOD</td><td>2.0' CAL. BB</td><td>INDIVIDUAL - site specific - see plan</td></tr> <tr><td>T</td><td>GT 8</td><td>GLEDTISIA TRIACANTHOS INERMIS SHADEMASTER - SHADEMASTER HONEY LOCUST</td><td>2.0' CAL. BB</td><td>INDIVIDUAL - site specific - see plan</td></tr> <tr><td>T</td><td>MG 1</td><td>MAGNOLIA GRANDIFLORA BRACKENS BROWN BEAUTY - SOUTHERN MAGNOLA</td><td>2.0' CAL. BB</td><td>INDIVIDUAL - site specific - see plan</td></tr> <tr><td>T</td><td>PSC 4</td><td>PRUNUS SARGENTI COLUMNARIS - SARGENTS COLUMNAR CHERRY</td><td>2.0' CAL. BB</td><td>INDIVIDUAL - site specific - see plan</td></tr> <tr><td>T/E</td><td>PT 3</td><td>PINUS TAEDA - LOBLOLLY PINE</td><td>2.0' CAL. 12'-14' HT.</td><td>INDIVIDUAL - site specific - see planE</td></tr> <tr><td>T</td><td>TA 5</td><td>TILIA AMERICANA - AMERICAN LINDEN</td><td>2.0' CAL. BB</td><td>INDIVIDUAL - site specific - see plan</td></tr> <tr><td>* ST/T</td><td>QPH 7</td><td>QUERCUS PHELLOS 'HIGH TOWER' - HIGH TOWER WILLOW OAK</td><td>3.5'-4' CAL. BB</td><td>INDIVIDUAL - site specific - see plan</td></tr> <tr><td>E</td><td>TO 5</td><td>THUJA OCCIDENTALIS - EASTERN ARBORVITAE</td><td>6'-8' BB - 2' CAL.</td><td>15' ON CENTER</td></tr> <tr><td>E</td><td>TO 8</td><td>THUJA OCCIDENTALIS - EMERALD - NARROW ARBORVITAE</td><td>5'-6' BB OR CONT.</td><td>9'-0" ON CENTER</td></tr> <tr><td>S</td><td>CA 6</td><td>CLETHRA ALNIFOLIA - RUBY SPICE - SUMMERSWEET</td><td>24"-36" CONT.</td><td>4'-0" ON CENTER</td></tr> <tr><td>S</td><td>TC 14</td><td>TAXUS CANADENSIS 'MARSHALL' - AMERICAN YEW</td><td>2.5'-3'</td><td>4'-6" ON CENTER</td></tr> <tr><td>S</td><td>IG 9</td><td>ILEX GLABRA - INKBERRY</td><td>24"-36" CONT.</td><td>4'-0" ON CENTER</td></tr> <tr><td>S</td><td>IF 9</td><td>ILEX FOSTERI - FOSTER HOLLY</td><td>3'-4" CONT OR BB</td><td>6.5' ON CENTER</td></tr> <tr><td>S</td><td>IT 13</td><td>ITEA VIRGINICA 'LITTLE HENRY' - ITEA</td><td>18"-36" CONT.</td><td>3'-6" ON CENTER</td></tr> <tr><td>S</td><td>IV 4</td><td>ILEX VERTICILLATA - WINTER RED - WINTER BERRY HOLLY</td><td>24"-36" CONT.</td><td>5'-0" ON CENTER</td></tr> <tr><td>S</td><td>JHL</td><td>JUNIPERUS HORIZONTALIS LIME GLOW - JUNIPER</td><td>18"-24" CONT.</td><td>3.5' ON CENTER</td></tr> <tr><td>S</td><td>PL 10</td><td>PRUNUS LARUCERASUS SCHIKAENSIIS - SKIP LARUEL</td><td>30"-36" CONT.</td><td>6.5' ON CENTER</td></tr> <tr><td>S</td><td>RO 5</td><td>ROSA KNOCK OUT - SHRUB ROSE</td><td>18"-24" CONT.</td><td>3.0' ON CENTER</td></tr> <tr><td>S</td><td>VDB 6</td><td>VIBURNUM DENTATUM BLUE MUFFIN - ARROWWOOD</td><td>18"-36" CONT.</td><td>site specific - see plan</td></tr> <tr><td>S</td><td>PPM 3</td><td>PICEA PUNGENS MONTGOMERY - DWARF BLUE SPRUCE</td><td>2'-0" X 20' BB</td><td>INDIVIDUAL - site specific - see plan</td></tr> <tr><td>P/GC</td><td>LS 100</td><td>LIRIOPE SPICATA - NARROW LEAVED SPREADING LILY TURF</td><td>ONE QT. CONT.</td><td>9"-12" ON CENTER</td></tr> <tr><td>G</td><td>PV 36</td><td>PANICUM VIRGATUM 'CHEYENNE SKY' - DWARF RED SWITCHGRASS</td><td>ONE GALLON CONT.</td><td>ONE FOOT SIX INCHES ON CENTER</td></tr> </tbody> </table> <p>KEY - T = DENSITY TREE, E = EVERGREEN TREE ST = STREET TREE O = UNDERSTORY TREE S = SHRUB P = PERENNIAL G = GRASSES, GC = GROUND COVER H = HERBACEOUS RF = REFORESTATION B = BULBS V = VINES ALL TREES MUST BE PLANTED PER THE DETAIL INCLUDING SOIL AMENDMENTS - MULCHED - STAKED - GUYED AND WATERED WHEN INSTALLED * PROVIDE A 20 GAL GATOR BAG FILLED WITH WATER AT PLANTING</p> <p>**unless otherwise noted plant in areas shown on the plan - relocate as needed for underground utilities, irrigation, vents, pipes, transformers etc. NOTE ALL TREES THAT SATISFY THE TREE DENSITY REQUIREMENT SHALL BE A MINIMUM OF 2" CAL.</p>	TYPE	KEY #	BOTANICAL AND COMMON NAME	MINIMUM SIZE	SPACING	T	AR 3	ACER RUBRUM 'RED SUNSET' - RED SUNSET MAPLE	2.0' CAL. BB	INDIVIDUAL - site specific - see plan	T	ARB 3	ACER RUBRUM 'RED SUNSET' - RED SUNSET MAPLE	2.0' CAL. BB	INDIVIDUAL - site specific - see plan	T	CCA 6	CARPINUS CAROLINIANA PALISADE- PALISADE AMERICAN HORNBEAM	2.0' CAL. BB	INDIVIDUAL - site specific - see plan	T	CK 3	CLADRATIS KENTUKEA PERKINS PINK - YELLOW WOOD	2.0' CAL. BB	INDIVIDUAL - site specific - see plan	T	GT 8	GLEDTISIA TRIACANTHOS INERMIS SHADEMASTER - SHADEMASTER HONEY LOCUST	2.0' CAL. BB	INDIVIDUAL - site specific - see plan	T	MG 1	MAGNOLIA GRANDIFLORA BRACKENS BROWN BEAUTY - SOUTHERN MAGNOLA	2.0' CAL. BB	INDIVIDUAL - site specific - see plan	T	PSC 4	PRUNUS SARGENTI COLUMNARIS - SARGENTS COLUMNAR CHERRY	2.0' CAL. BB	INDIVIDUAL - site specific - see plan	T/E	PT 3	PINUS TAEDA - LOBLOLLY PINE	2.0' CAL. 12'-14' HT.	INDIVIDUAL - site specific - see planE	T	TA 5	TILIA AMERICANA - AMERICAN LINDEN	2.0' CAL. BB	INDIVIDUAL - site specific - see plan	* ST/T	QPH 7	QUERCUS PHELLOS 'HIGH TOWER' - HIGH TOWER WILLOW OAK	3.5'-4' CAL. 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CONT.	9"-12" ON CENTER	G	PV 36	PANICUM VIRGATUM 'CHEYENNE SKY' - DWARF RED SWITCHGRASS	ONE GALLON CONT.	ONE FOOT SIX INCHES ON CENTER	<p>LANDSCAPE WORK RELATED DOCUMENTS Drawings, special provisions, and general provisions of the contract.</p> <p>SUMMARY This specification includes provisions for: Planting trees, shrubs and ground covers.</p> <p>QUALITY ASSURANCE Landscape work shall be performed by a firm specializing in landscape work of this type. Do not make substitutions, if specified material is not available submit proposal of equivalent material for Landscape Architects approval.</p> <p>TREES, SHRUBS, PLANTS AND MATERIALS Provide plants and materials as specified on the plan drawings. All materials, plants, and procedures shall comply with the recommendations and requirements of ANSI Z60.1 "American Standard for Nursery Stock". Provide healthy vigorous stock free of insects and disease.</p> <p>INSPECTIONS The owner's representative may inspect work and materials at any time during the installation of the project, for compliance with scheduled requirements. The Owner's representative retains the right to reject unsatisfactory material at any time. Remove rejected materials immediately from the site.</p> <p>DELIVERY, STORAGE, and HANDLING Deliver plant materials after preparation for planting is completed, and plant immediately. Protect materials from deterioration during delivery, and while stored at the site.</p> <p>JOB CONDITIONS Locate all utilities prior to digging. Protect utilities from damage during work. The contractor shall repair and/or replace any utilities damaged during the planting procedures.</p> <p>PRODUCTS Provide plants and materials as specified on the plan drawings, and in the planting and soil amendment schedules. Provide plants to the size and type specified and apply soil amendments, and mulches in the amounts shown on the details. Provide stone mulch trash, weeds, and insects.</p> <p>SUBMITTALS Submit source data for all plants and planting materials. Provide a one gallon sample of shredded hardwood bark mulch for owners approval prior to delivery of any mulch to site.</p> <p>EXECUTION Prepare tree and shrub pits for planting soil. Place the tree and shrubs and backfill around the balls to the depths indicated on the plan details. Compact soil and secure around the ball. Mix soil amendments prior to backfilling. Mulch the trees, shrubs and ground cover materials. Do not heap mulch over root crowns. Till surface areas for ground cover plantings to the depths indicated on the details with the soil amendments. Plant and mulch ground cover plants in soil and do not cover with mulch after planting. Water plants thoroughly after planting. The Contractor shall fill and provide one Watering bag - "Treagator" or equal, at 20 gal. capacity filled, after the planting is complete for each tree indicated on the planting schedule. Prune branches on parking area trees to allow clear passage to a height of 6' above grade. Prune back top growth one third at planting on all shade trees greater than 2" cal.</p> <p>WARRANTY Warranty all plants and materials for a period of one year from owner's acceptance. Replacement materials shall be installed per the original specifications, during the appropriate growing season.</p>																																																																																																																																																																																										
TYPE	KEY #	BOTANICAL AND COMMON NAME	MINIMUM SIZE	SPACING																																																																																																																																																																																																																																																																																																																										
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T	GT 8	GLEDTISIA TRIACANTHOS INERMIS SHADEMASTER - SHADEMASTER HONEY LOCUST	2.0' CAL. BB	INDIVIDUAL - site specific - see plan																																																																																																																																																																																																																																																																																																																										
T	MG 1	MAGNOLIA GRANDIFLORA BRACKENS BROWN BEAUTY - SOUTHERN MAGNOLA	2.0' CAL. BB	INDIVIDUAL - site specific - see plan																																																																																																																																																																																																																																																																																																																										
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T/E	PT 3	PINUS TAEDA - LOBLOLLY PINE	2.0' CAL. 12'-14' HT.	INDIVIDUAL - site specific - see planE																																																																																																																																																																																																																																																																																																																										
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* ST/T	QPH 7	QUERCUS PHELLOS 'HIGH TOWER' - HIGH TOWER WILLOW OAK	3.5'-4' CAL. BB	INDIVIDUAL - site specific - see plan																																																																																																																																																																																																																																																																																																																										
E	TO 5	THUJA OCCIDENTALIS - EASTERN ARBORVITAE	6'-8' BB - 2' CAL.	15' ON CENTER																																																																																																																																																																																																																																																																																																																										
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S	PL 10	PRUNUS LARUCERASUS SCHIKAENSIIS - SKIP LARUEL	30"-36" CONT.	6.5' ON CENTER																																																																																																																																																																																																																																																																																																																										
S	RO 5	ROSA KNOCK OUT - SHRUB ROSE	18"-24" CONT.	3.0' ON CENTER																																																																																																																																																																																																																																																																																																																										
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S	PPM 3	PICEA PUNGENS MONTGOMERY - DWARF BLUE SPRUCE	2'-0" X 20' BB	INDIVIDUAL - site specific - see plan																																																																																																																																																																																																																																																																																																																										
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 <p>EVERGREEN TREE PLANTING DETAIL not to scale</p>		 <p>NO MULCH MOUNDS OVER TREE OR SHRUB TRUNKS OR STEMS</p>	<p>DO NOT COVER ROOT CROWNS OR LEAVES OR BRANCHES OF PLANTS WITH GRAVEL PLANT IN THE PREPARED BEDS, BE SURE PLANTS AND GROUND COVERS HAVE FULL SOIL CONTACT.</p>  <p>TYPAR FILTER FABRIC TYPAR C1.5DE ASTM 4632 OR AN APPROVED EQUAL geosales@fiberweb.com +1 877 642 9929</p> <p>TURN UP FILTER FABRIC EDGE AT BUILDING FACE</p>																																																																																																																																																																																																																																																																																																																											
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<p>PLANTING NOTES:</p> <ol style="list-style-type: none"> 1 - PLANT IN ACCORDANCE WITH THE STANDARDS AS SET FORTH BY THE AMERICAN ASSOCIATION OF NURSERYMEN, AND THE AMERICAN STANDARD FOR NURSERY STOCK. 2 - LOCATE OVERHEAD AND UNDERGROUND UTILITIES PRIOR TO PLANTING. FIELD ADJUST PLANT LOCATIONS AS NEEDED TO AVOID CONFLICT WITH SWALES, PIPES, DRAINAGE STRUCTURES, WIRES, UTILITY BOXES, TRANSFORMERS, EXISTING VEGETATION THAT REMAINS, ETC. STOP PLANTING AND CONTACT THE LANDSCAPE ARCHITECT AND OWNER IF SOIL CONDITIONS ARE ENCOUNTERED THAT ARE UNSUITABLE FOR PROPER PLANT GROWTH. 3 - FIELD LOCATION PLANTS TO AVOID CONFLICT WITH SWALES, DRAINAGE AND UTILITIES ABOVE AND BELOW GROUND EXISTING VEGETATION ETC. 4 - PLANTING BACKFILL MIX: ONE PART PEAT HUMUS, TO ONE PART TOPSOIL TO ONE PART EXISTING SOIL. AMENDMENTS: MIX INTO SOIL PRIOR TO BACKFILLING. 25 LBS ORGANIC FERTILIZER 5-10-5 ORGANIC FERTILIZER .75 LBS OF BONE MEAL, AND 1 LB OF ORGANIC DECOMPOSED CON MANURE PER CUBIC FOOT OF BACKFILL. SET BALL OR CONTAINER SOIL TOP EVEN WITH FINISHED GRADE. 5 - THE QUANTITIES OF PLANTS ON THE PLAN DRAWING FOR CODE REQUIRED AREAS SHALL REMAIN WITH THE SPECIFIC AREA (IE: BUFFERYARDS, PARKING AREAS ETC) BUT SHALL BE FIELD LOCATED TO AVOID UTILITIES OR OBSTRUCTIONS AND SHALL GOVERN OVER THE SCHEDULE TO MEET MINIMUM CODE REQUIREMENTS. 		<p>SEED MIXTURES - VEGETATIVE STABILIZATION- FROM THE DELAWARE EROSION AND SEDIMENT CONTROL HANDBOOK</p> <p>PERMANENT SEED MIX GENERAL USE AREAS NO - 11</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>SEEDING MIXTURES</th> <th>SEEDING RATE</th> <th>OPTIMUM SEEDING DATES</th> </tr> </thead> <tbody> <tr> <td>O= OPTIMUM A = ACCEPTABLE PLANTING PERIOD</td> <td></td> <td></td> </tr> <tr> <td>MIX NO</td> <td>CERTIFIED SEED</td> <td>LBS/AC LBS/1000 COASTAL PLAIN PIEDMONT ALL</td> </tr> <tr> <td></td> <td>SO FT 2/- 5/-1- 8-15- 3/-1- 5-1- 8/-1- 10-31- 2/-1</td> <td></td> </tr> </tbody> </table> <p>1. WHEN HYDROSEEDING IS THE CHOSEN METHOD OF APPLICATION, THE TOTAL RATE OF SEED SHOULD BE INCREASED BY 25% 2. WINTER SEEDING REQUIRES 3 TONS PER ACRE OF STRAW MULCH. PLANTING DATES LISTED ABOVE AREA AVERAGE FOR DELAWARE THESE DATES MAY REQUIRE ADJUSTMENT TO REFLECT LOCAL CONDITIONS. 3. ALL SEED SHALL MEET THE MINIMUM PURITY AND MINIMUM GERMINATION PERCENTAGES RECOMMENDED BY THE DELAWARE DEPARTMENT OF AGRICULTURE. THE MAXIMUM % OF WEED SEEDS SHALL BE IN ACCORDANCE WITH SECTION 1 CHAPTER 24 TITLE 3 OF THE DELAWARE CODE. 4. COOL SEASON SPECIES MAY BE PLANTED THROUGHOUT THE SUMMER IF SOIL MOISTURE IS ADEQUATE OR SEEDED AREA CAN BE IRRIGATED. 5. ALL SUGIMINOUS SEED MUST BE INOCULATED. 6. WARM SEASON GRASS MIX AND REED CANARY GRASS CANNOT BE MOVED MORE THAN 4 TIMES PER YEAR. 7. WARM SEASON GRASSES REQUIRE A SOIL TEMPERATURE OF AT LEAST 50 DEGREES IN ORDER TO GERMINATE AND WILL REMAIN DORMANT UNTIL THEN.</p> <p>SOD - ALL DESIGNATED AREAS NOT PLANTED WITH SEED SHRUBS OR GROUND COVER SHALL BE SODDED WITH A BLEND OF TURF TYPE TALL FESCUE SOD.</p>	SEEDING MIXTURES	SEEDING RATE	OPTIMUM SEEDING DATES	O= OPTIMUM A = ACCEPTABLE PLANTING PERIOD			MIX NO	CERTIFIED SEED	LBS/AC LBS/1000 COASTAL PLAIN PIEDMONT ALL		SO FT 2/- 5/-1- 8-15- 3/-1- 5-1- 8/-1- 10-31- 2/-1		<p>LANDSCAPE DETAILS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DATE</td> <td>SCALE</td> </tr> <tr> <td>3-11-21</td> <td></td> </tr> <tr> <td>JOB NO.</td> <td>DRAWN BY</td> </tr> <tr> <td></td> <td>ET</td> </tr> <tr> <td>APPLICATION NO.</td> <td>DESIGNED BY</td> </tr> <tr> <td></td> <td>ET</td> </tr> <tr> <td>APPROVED BY</td> <td>CHECKED BY</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td>DATE</td> <td>REVISION</td> </tr> <tr> <td></td> <td></td> </tr> </table> <p>FOR</p> <p>GATEWAY NORTH MIXED-USE</p> <p>TOWN OF SMYRNA, KENT COUNTY, DELAWARE</p> <p>PREPARED FOR: KHOKHAR, LLC</p> <p>DESIGNSe 1901 Hickory Hill Road Chadds Ford PA 19317 610-388-7758 ellentraceyDESIGNSe@gmail.com</p> <p>LANDSCAPE DETAILS</p> <table border="1" style="width: 100%; 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