

TOWN OF RIDGEFIELD
Ridgefield, Connecticut

RIDGEFIELD HIGH AND MIDDLE SCHOOL INTERCONNECTION
Ridgefield, Connecticut

ADDENDUM NO. 1

February 6, 2026

Instructions: Kindly, acknowledge receipt of this Addendum No. 1 by completing the form at the end of this document and sending a signed copy of this addendum in PDF format by email to YRoman@snydercivil.com and purchasing@ridgefieldct.gov. Additionally, this Addendum, totaling 2 page(s), and enclosures shall be signed by the Bidder and inserted into the Contract Documents submitted with this bid.

The attention of all bidders is directed to the following **ADDITIONS**, **DELETIONS**, and **SUBSTITUTIONS** to the Contract Documents:

1. The "Pre-Bid Meeting Notes" included with this package shall be considered part of this Addendum No. 1.
2. **SUBSTITUTE** Section LN, Legal Notice with the attached revised version. The revisions include the following:
 - Revised the Bid Due Date.
3. **SUBSTITUTE** Section IB, Instructions to Bidders with the attached revised version. The revisions include the following:
 - In Section 16 – Bid Schedule, extended the bid timeline as follows:
 - i. Pre-Bid Meeting (Conference Call) February 12, 2026 at 10:00 AM
 1. Google Meet Link: meet.google.com/qea-djrr-xqd
 2. Call-In-Number: 1-(979)-429-3130
 3. Access Code: 113 095 956#(Note: The Pre-Bid Meeting is non-mandatory)
 - ii. RFI Requests Due February 19, 2026 by 4:00 PM
 - iii. RFI Responses Released February 25, 2026 by 4:00 PM
 - iv. Bid Due Date March 4, 2026 at 11:00 AM
 - In Section 19 – Requests for Information, revised the bidder clarification deadline to February 19, 2026 by 4:00 PM.
4. Attached are the revised Contract Drawings titled, "Ridgefield High and Middle School Interconnection" and dated 2-3-2026. The revisions generally include the following:
 - On Sheet 1, noted that the water service to the school be located with an 18" minimum vertical clearance under the existing 18" CPP storm drain per CTDOT Comments.

5. Attached are the revised Contract Drawings titled, "Ridgefield High School Water Main Extension" and dated 2-2-2026. The revisions generally include the following:
- On Sheet 1, the alignment of the water main was revised to be located with an 18" minimum vertical clearance under the storm drain at the approximate location STA. 3+20 per CTDOT Comments.
 - On Sheet 1, the proposed hydrant was relocated to STA. 4+06 per CTDOT Comments.
 - On Sheet 1, noted that the water service to the school be located with an 18" minimum vertical clearance under the existing 18" CPP storm drain per CTDOT Comments.



SNYDER CIVIL ENGINEERING, LLC
150 MARLBOROUGH STREET
PORTLAND, CONNECTICUT 06480
WWW.SNYDERCIVIL.COM
PHONE: 860-342-1370

Bidder: _____

Submitted by: _____

Title: _____

Emailed to: _____

Email Address: _____

**TOWN OF RIDGEFIELD
RIDGEFIELD HIGH AND MIDDLE SCHOOL INTERCONNECTION
PRE-BID MEETING NOTES**



PROJECT: RIDGEFIELD HIGH AND MIDDLE SCHOOL INTERCONNECTION

DATE: JANUARY 22, 2026

TIME: 10:00 AM

LOCATION: 700 NORTH SALEM ROAD, RIDGEFIELD, CT 06877

1. PROJECT SUMMARY

- a. This project includes the construction of a new meter pit, installation of a water main and associated appurtenances, and installation of a Fire Pump House clearwell fill line. The following provides a general overview of the work to be performed at the site:
 - i. Ridgefield Campus Meter Pit
 - 1. Install new 8'-0" x 12'-0" Precast Water Meter Pit with Precast Concrete Stairway
 - 2. New 6" Polyethylene Encased Ductile Iron Water Main and Appurtenances from the Meter Pit to the tie-in location on campus.
 - 3. New 4" Polyethylene Encased Ductile Iron Water Main and Appurtenances for the Fire Pump House Clearwell Fill Line (This scope of work will not be subject to Drinking Water State Revolving Fund (DWSRF) requirements.)
 - 4. Temporary and Permanent Bituminous Concrete Restoration.
 - 5. New crushed stone drainage pocket.
 - 6. Miscellaneous electrical work.
 - 7. New 6" Polyethylene Encased Ductile Iron Suction Water Main and Appurtenances from the Meter Pit to the tie-in to the new water main on North Salem Road.
 - 8. Final Restoration
 - ii. Water Main Interconnection
 - 1. New 8" Polyethylene Encased Ductile Iron Water Main and Appurtenances from the intersection of Craigmoor Road and North Salem Road to the proposed meter pit location at the school campus.
 - 2. Temporary and Permanent Bituminous Concrete Restoration.
 - 3. The water main installation takes place in a State Road. All work within the limits of the State Road shall be in accordance with the requirements of the CTDOT and the Town of Ridgefield.
- b. This project will be funded by the Drinking Water State Revolving Fund. The project is subject to various requirements including prevailing wage rates, Build America Buy America, and other requirements. Refer to the contract for more information.
- c. The Contractor is made aware that the various installation items of this Contract include furnishing and installing pipe materials, valves, fittings and appurtenances. The Contractor shall include the cost for furnishing all material required to complete the work under this Contract. An amendment will be issued to revise the Technical Specifications by deleting Section 01640, Owner Furnished Materials, in its entirety from the Contract.

**TOWN OF RIDGEFIELD
RIDGEFIELD HIGH AND MIDDLE SCHOOL INTERCONNECTION
PRE-BID MEETING NOTES**



2. PROJECT SCHEDULE

The following is the expected schedule of the project:

Clarification Deadline:	February 3, 2026 at 4:00 PM
Clarification Responses Released	February 10, 2026 by 4:00 PM
Bid Closing:	February 17, 2026 at 11:00 AM
Contract Award:	April/May 2026
Notice to Proceed	April/May 2026
Substantial Completion:	December 2026 (180 Days)
Final Completion:	March 2027 (270 Days)

3. PERMITS

- a. The Town of Ridgefield has received approvals from CTDPH. The Contractor is responsible for obtaining the following:
 - i. Any necessary building, road opening or trade permits.
 - ii. CTDOT Encroachment Permit.

4. SAFETY

Contractor is responsible for site safety and shall adhere to all OSHA and Town of Ridgefield Safety regulations/guidelines.

5. QUESTIONS / DISCUSSION

Questions or requests for information must be submitted in writing. All questions or requests for information shall be submitted to David McFate, Purchasing and Finance Manager, at purchasing@ridgefieldct.gov.

- ***A bidder asked whether there are any utility crossings within the water main extension portion of the project along North Salem Road. SCE noted that there is a storm drain crossing and directed bidders to refer to the Contract Drawings for additional details. The Town of Ridgefield also noted that there are two force main crossings, however, they are very deep and not expected to be a concern.***
- ***A bidder asked if there were any areas available for staging. The Town of Ridgefield stated that there are areas that may be used for material stockpiling, however, specific locations will be determined after contract award.***
- ***A bidder asked whether stringing the piping along the trench or within the shoulder would be acceptable. It was noted that this would not be permitted during construction.***
- ***SCE reiterated that the Fire Line and associated appurtenances are not subject to AIS and BABA requirements, however, prevailing wage requirements will still apply.***

Pre-Bid Meeting Sign-in Sheet

[illegible]

LEGAL NOTICE

The **Town of Ridgefield** invites all interested parties to submit sealed bids on the following:

BID DUE DATE: March 4, 2026

BID DUE TIME: 11:00 a.m. EST

BID ITEM: Ridgefield High and Middle School Interconnection

BID NUMBER: 26-06

Terms and conditions as well as the description of items being bid are stated in the specifications. The project described in the Contract Documents involves connecting the Ridgefield High School and Middle School campus to Aquarion Water Company's Ridgefield Main System. This interconnection will include the installation of a new water main beginning at the intersection of Craigmoor Road and extending along North Salem Road to the school campus. On the campus property, a meter pit will be installed and connected to the existing campus water system. In addition to the interconnection, the project will include the installation of a new fill line for the fire pump house water storage tank, along with related infrastructure improvements.

Any contract or contracts awarded under this invitation for bids are expected to be funded in part by a loan from the State of Connecticut Drinking Water State Revolving Fund. Neither the State of Connecticut nor any of its Departments, agencies, or employees is or will be a party to this invitation for bids or any resulting contract. This procurement will be subject to the requirements contained in subsections (h), (j) and (o) of Section 22a-482-4 of the RCSA. A copy of these Regulations is included in the Document 00005 – SRF Special Project Procedures, Attachment F. The Town of Ridgefield reserves the right to waive any informality or to reject any or all bids.

Drawings and Specifications may be obtained at the following address:

**Town of Ridgefield
David McFate
400 Main Street
Ridgefield, CT. 06877
203 - 431 – 2720**

The return bid envelope must be marked and addressed to the following:

**TOWN OF RIDGEFIELD
PURCHASING AND FINANCE
MANAGER BID NUMBER: 26-06
400 MAIN STREET
RIDGEFIELD, CT. 06877**

Bids must be received no later than the date and time stated above at the Purchasing Director's office on the second floor or via email. Bid Opening will be made at least 30 days from the publication of formal advertisement. **For further information**, please call **David McFate at (203) 431-2720** or email at **purchasing@ridgefieldct.gov**

The Bids will remain sealed and safeguarded until 11:00 a.m., current local time, on March 4, 2026, at which time they will be publicly opened on the Town of Ridgefield's website. **Results may be viewed at https://www.ridgefieldct.gov/departments/purchasing/bid_notices.php after the bid opening.**

The Bidder shall hold a current DAS Contractor Prequalification Certificate in the State of Connecticut according to C.G.S. § 4a-100, C.G.S. § 4b-101 and C.G.S. § 4b-91. Bidders shall submit with their Bids their DAS Contractor Prequalification Certificate along with a current Updated Bid Statement. Any Bid submitted without a copy of the DAS Prequalification Certificate and an Updated Bid Statement shall be invalid.

As to proposed Subcontractors whose subcontract value is equal to or greater than \$500,000, the apparent low Bidder shall submit to the Owner, no later than fourteen (14) days after Bid opening, a current DAS Contractor Prequalification Certificate in an appropriate work classification along with an Updated Bid Statement for each such Subcontractor. Bidders do not need to include Subcontractor Prequalification Certificates and Updated Bid Statements with their Bids.

The Successful Bidder and each of its Subcontractors having subcontracts in value equal to or greater than \$500,000 shall maintain and keep current their respective DAS Contractor Prequalification Certificates at all times during the term of the Contract and any warranty period set forth in the Contract Documents.

TOWN OF RIDGEFIELD CONNECTICUT

BOARD OF SELECTMEN

INSTRUCTIONS TO BIDDERS

1. Bids will be submitted in a sealed envelope plainly marked with bid number to identify this particular proposal. The Town of Ridgefield will also accept electronic submission of bids via email. Bids submitted by email must be sent to purchasing@ridgefieldct.gov. The time stamp of the hand delivery or email shall be on or before the bid due date. Only one method of submission is necessary.
2. Withdrawals of or amendments to bids received later than the time and date specified for bid opening will not be considered.
3. The Board of Selectmen of the Town of Ridgefield reserves the right to accept or reject any or all options, bids or proposals; to waive any technicality in any bid or part thereof, and to accept any bid deemed to be in the best interest of the Town of Ridgefield, Connecticut.
4. Bidders may be present at the opening of bids.
5. Bids may be held by the Town of Ridgefield for a period not to exceed sixty (60) days from the opening of bids for the purpose of reviewing the bids and investigating the qualifications of bidders prior to the awarding of the contract.
6. **Insurance requirements:** must be submitted with the bid. This includes any Hold Harmless requirements as well as Certificates of Insurance for the full amounts specified. **Unauthorized changes** to these forms, i.e. adding, striking out and/or changing any words, language or limits **will cause the bidder to be disqualified**.
 - a. **Please Note:** Prior to the start of work, the Town of Ridgefield and/or the Board of Education shall be endorsed on the Contractor's policies of insurance as additional insured. The Contractor shall obtain a policy of insurance, with minimum limits of liability as specified containing an endorsement that covers this agreement to indemnify, defend and hold harmless the Town/City and/or Board of Education or any of their officers, employees, agents, servants and volunteers. The Contractor shall obtain an

endorsement to said insurance policy stating that the Contractor's insurance is primary and any insurance obtained, or self insurance provided, by the Town of Ridgefield and/or Board of Education is excess. The Contractor's insurance carrier will waive all rights of subrogation against the Town of Ridgefield and/or Board of Education, and all of their respective officers, employees, agents, servants and volunteers. The Contractor shall furnish a copy of the insurance policy that meets all of the above requirements before any work or use of the property commences. Failure to do so will result in disqualification of the Bid. There will no exceptions.

7. **Permits:** It is the Contractor's responsibility to obtain any necessary permits prior to the start of construction. All work shall be completed in compliance with the latest edition of the prevailing fire prevention and building codes in effect in the State of Connecticut, the latest edition of the State of Connecticut Department of Transportation Standard Specifications for Roads, Bridges and Incidental Construction, Town of Ridgefield Road Construction Standards, or as set forth in these specifications. Any local (Town of Ridgefield) permits will have the permit fee waived.
8. **Emergency Work:** The Contractor shall file with the Engineer a telephone number of a person authorized by him who may be contacted regarding emergency work at the job site that may be required during non-working hours for reasons of public safety. The person shall be readily available and have full authority to deal with any emergency that may occur.
9. **Sales Tax:** In accordance with the provisions of Special Act No. 77-98, as amended, and Section 12-412(a) of the Connecticut General Statutes, sales of tangible personal property and services to the Town are not subject to the Connecticut Sales and Use Tax, and such tax shall not be included as part of the bid.
10. **Contractor's Qualification Statement:** The Contractor's Qualification Statement must be filled out as part of the bid package and the experience and references listed therein will be one to the determining factors in the awarding of the bid.
11. **Hold Harmless Agreement:** In order for the bid to be considered valid, the Contractor **must** sign the enclosed hold harmless agreement. Bids submitted without the signed hold harmless agreement will be rejected.
12. **Prevailing Wage Rates:** This project **is** subject to the State of Connecticut prevailing wage rate requirements.

13. **SBE/MBE and Contract Compliance Requirements:** This project **is not** subject to State of Connecticut SBE/MBE set aside and contract compliance requirements.
14. **Time of Completion:** All work must be completed between May 2026 and March 2027. Contractor must ensure sufficient staffing and scheduling to complete the project within this timeframe. No extensions will be granted unless approved in writing due to documented unforeseen conditions.
15. **Site Inspection:** Bidders are encouraged to familiarize themselves with the work site prior to bidding. Requests for site access shall be directed to Jacob Muller, via email dpssuper@ridgefieldct.gov. General bidding and technical questions shall be directed to David McFate, Purchasing and Finance Manager, via email purchasing@ridgefieldct.gov. The Pre-Bid Site Inspection will take place at 700 North Salem Road, Ridgefield, CT, 06877. Bidders are instructed to utilize the Ridgefield Highschool rear entrance located off of Ridgebury Road.
16. **Bid Schedule:**

Pre-Bid Meeting (Conference Call) February 12, 2026 at 10:00AM

1. Google Meet Link: meet.google.com/qea-djrr-xqd
2. Call-In-Number: 1-(979)-429-3130
3. Access Code: 113 095 956#

(Note: The Pre-Bid Meeting is non-mandatory)

RFI Requests Due	February 19, 2026 by 4:00PM
RFI Responses Released	February 25, 2026 by 4:00PM
Bid Due Date	March 4, 2026 at 11:00AM

18. **Bid Submissions:** Refer to Document 00300 – Bid Form, Article 7 – Attachments to this Bid, for documents to be attached and made a condition of the bid.
19. **Requests for Information:** Questions or requests for information must be submitted in writing. All questions or requests for information shall be submitted to David McFate, Purchasing and Finance Manager, at purchasing@ridgefieldct.gov. Deadline for Questions/RFI shall be February 19, 2026 by 4:00PM.

RIDGEFIELD HIGH AND MIDDLE SCHOOL INTERCONNECTION
RIDGEFIELD, CONNECTICUT
CONTRACT DRAWING - REVISION NO. 1
2/3/2026

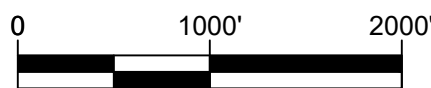
GENERAL NOTES:

1. BASE MAPPING WAS PREPARED FROM FIELD WORK CONDUCTED BY SNYDER CIVIL ENGINEERING, LLC IN JUNE OF 2022 AND SUPPLEMENTED WITH INFORMATION FROM THE FOLLOWING MAPS:
- A. USGS HIGH-RESOLUTION ORTHO IMAGERY
 - B. "WATER MAIN REPLACEMENT PROJECTS 2020 - BID GROUP 24 CRAIGMOOR ROAD WATER MAIN REPLACEMENT, RIDGEFIELD, CONNECTICUT, CONTRACT DRAWING, MARCH 2020, REVISED 04-17-2020, PREPARED FOR: AQUARIUM WATER COMPANY OF CT, PREPARED BY: SNYDER CIVIL ENGINEERING, LLC"
 - C. TOWN OF RIDGEFIELD, CONNECTICUT, MIDDLE SCHOOL PUMP STATION AND FORCE MAIN, STATE PROJECT NO. 118-044N, NORTH SALEM ROAD (RTE. 116), 14 MARCH 2001, REVISIONS 1/24/03, METCALF & EDDY "
2. REFERENCE FOR THE LOCATION OF SUBSURFACE OR UNDERGROUND UTILITIES AND STRUCTURES SHOWN ON THE DRAWINGS IS BASED ON INFORMATION PROVIDED BY THE FOLLOWING:
- ELECTRIC - NONE
STORM DRAINAGE - FIELD LOCATION AND MAPPING PROVIDED BY THE TOWN OF RIDGEFIELD
WATER - FIELD LOCATION AND MAPPING PROVIDED BY AWC
SANITARY SEWER - MAPPING PROVIDED BY THE TOWN OF RIDGEFIELD
COMMUNICATIONS - FIELD LOCATION
GAS - NONE
3. THE LOCATION OF ALL SUBSURFACE OR UNDERGROUND UTILITIES AND STRUCTURES INCLUDING BUT NOT LIMITED TO PIPES, CABLES AND CONDUITS ARE NOT GUARANTEED TO BE EXACT, NOR IS IT GUARANTEED THAT ALL UNDERGROUND OR SUBSURFACE ITEMS ARE SHOWN.
4. THE EXACT TYPE, SIZE, LOCATION AND DEPTH OF EXISTING WATER MAINS IS UNKNOWN. THE EXISTING WATER MAINS ON THIS PLAN ARE SHOWN FOR SCHEMATIC PURPOSES ONLY BASED ON THE BEST AVAILABLE INFORMATION OBTAINED BY FIELD LOCATION AND MAPPING AND INFORMATION PROVIDED BY AQUARIUM WATER COMPANY.
5. MINIMUM WATER MAIN SANITARY INSTALLATION CLEARANCES ARE LISTED AS FOLLOWS:
- FOR WATER MAINS INSTALLED BELOW SANITARY SEWERS OR STORM DRAINS - 18" VERTICAL CLEARANCE
- FOR WATER MAINS INSTALLED ABOVE SANITARY SEWERS OR STORM DRAINS - 12" VERTICAL CLEARANCE
- IF MINIMUM INSTALLATION CLEARANCES CANNOT BE MET, THE CONTRACTOR SHALL
- NOTIFY THE ENGINEER
 - PROVIDE A WATER TIGHT SEAL AT JOINTS WITHIN 10' OF THE CROSSING USING A PIPE JOINT REPAIR CLAMP OR MECHANICAL JOINT
 - INSTALL A 2" RIGID INSULATION PROTECTIVE BARRIER BETWEEN THE WATER MAIN AND SEWER OR STORM DRAIN
6. ALL SURFACE RESTORATION INCLUDING PAVEMENT, CURBING, LANDSCAPING, PLANTING AND TREE REPLACEMENT SHALL BE COORDINATED WITH THE PROPERTY OWNERS AND THE TOWN OF RIDGEFIELD.
7. ALL VALVES OUTSIDE THE VAULT SHALL BE OPEN RIGHT (OTR).
- *ELEVATION DATUM - NAVD 88 (IN FEET)

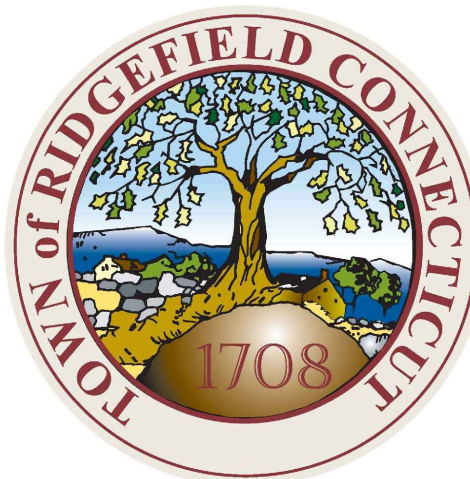


LOCATION PLAN

SCALE: 1" = 1000'



PREPARED FOR:



TOWN OF RIDGEFIELD
400 MAIN STREET
RIDGEFIELD, CT 06877

SHEET DIRECTORY	
SHEET NO.	SHEET CONTENTS
1	SITE PLAN
2	METER VAULT PLAN, SECTION AND DETAILS
3	EXISTING WATER TREATMENT BUILDING LAYOUT AND DISCONNECTION PLAN AND EXISTING SECTION A-A PIPING ELEVATION VIEW
4	EXISTING FIRE PUMP HOUSE AND CONNECTION PLAN, SECTION A-A VIEW, AND LIMITED ONE LINE DIAGRAM
5	SITE DETAILS

PREPARED BY:



SNYDER CIVIL ENGINEERING, LLC
150 MARLBOROUGH STREET
PORTLAND, CT 06480

LEGEND

CATCH BASIN	ROCK/BOULDER	STONE WALL	VALVE	TEE
STREET SIGN	SURVEY CONTROL POINT	COMM. LINE	HYDRANT	VERTICAL BEND
MAILBOX	SPOT ELEVATION	ELEC. LINE	CURB BOX	90° ELBOW
SHRUB/BUSH	IRON PIN/PIPE	SANITARY SEWER MAIN	WATER METER	45° ELBOW
VALVE	CONIFEROUS TREE	WATER MAIN	REDUCER	22-1/2° ELBOW
HYDRANT	DECIDUOUS TREE	GAS MAIN	COUPLING OR SLEEVE	THRUST BLOCK / COLLAR
CURB VALVE	TREE STUMP	TRAFFIC CTRL LINE	ENDCAP	INSERTION VALVE
WATER METER	UTILITY POLE W/ GUY WIRE	TREELINE/ BRUSHLINE	BLOW-OFF OR AIR VENT	11-1/4° ELBOW
LIGHT POST	GARDEN	PROPERTY LINE		
MANHOLE	TRAFFIC LOOP	STORM DRAIN PIPE		
FENCE	CROSS WALK	RETAINING WALL		
		SHRUB ROW		
			WATER MAIN	
			SERVICE LINE	

- NOTE:
- EXISTING FEATURES ARE DRAWN IN THIN LIGHT GREY, PROPOSED FEATURES ARE DRAWN BOLD AND LIGHT BLUE AND BLACK.
 - ALL DRAIN PIPE AND SANITARY SEWER ELEVATIONS SHOWN WITH MULTILEADERS ARE INVERT ELEVATIONS UNLESS OTHERWISE NOTED



PORTLAND, CONNECTICUT

CONTRACT
DRAWING

SITE PLAN

REVISED
ADDENDUM NO. 2/3/2026

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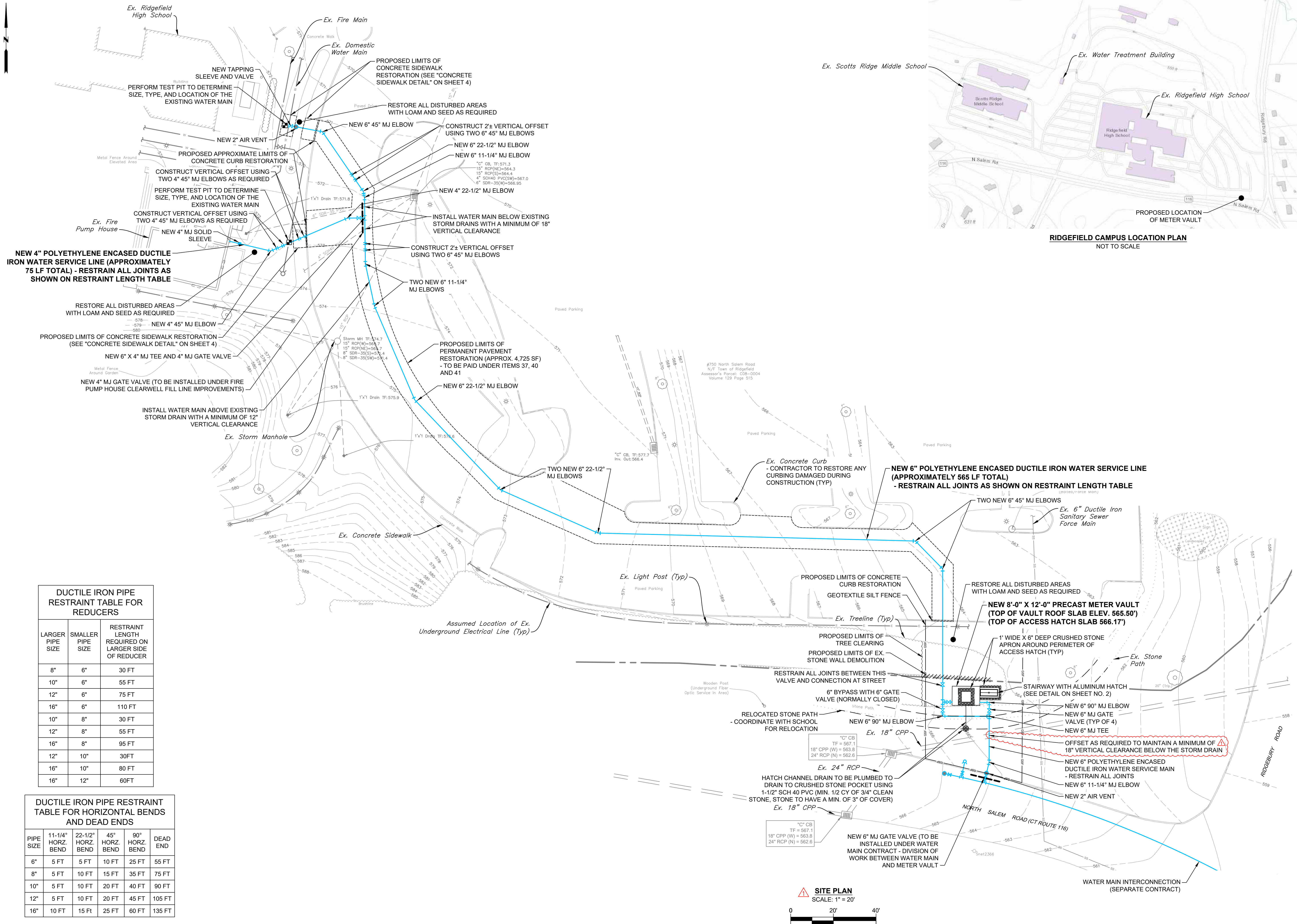
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TOWN OF
RIDGEFIELD
Ridgefield, Connecticut

RIDGEFIELD HIGH AND MIDDLE
SCHOOL INTERCONNECTION
Ridgefield, Connecticut

J U N E 2 0 2 5
SHEET NO. 1 OF 5
JOB NO. R F D - 0 0 1



CONTRACT
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METER VAULT PLAN, SECTION, AND DETAILS

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	ZAK	

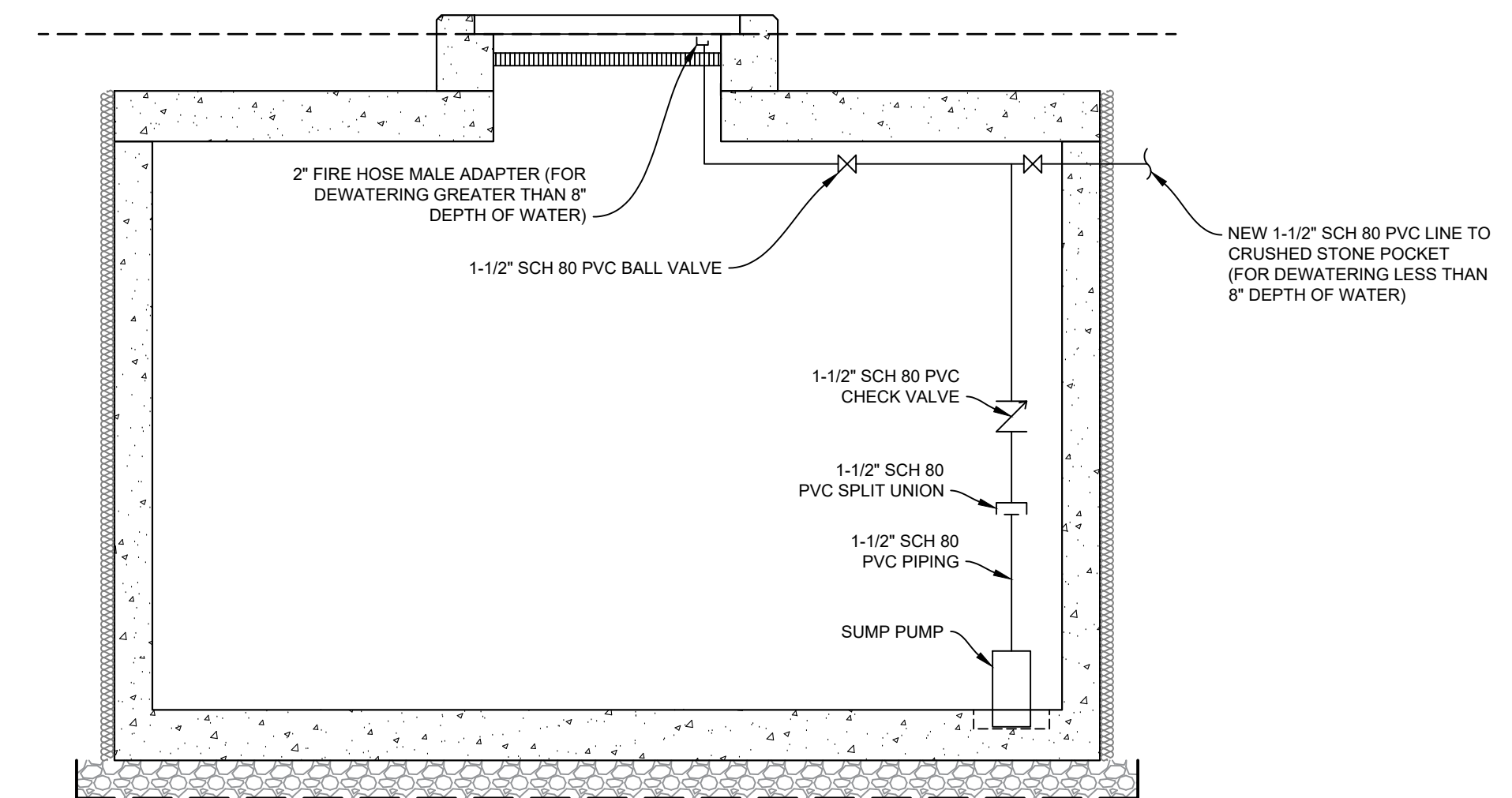
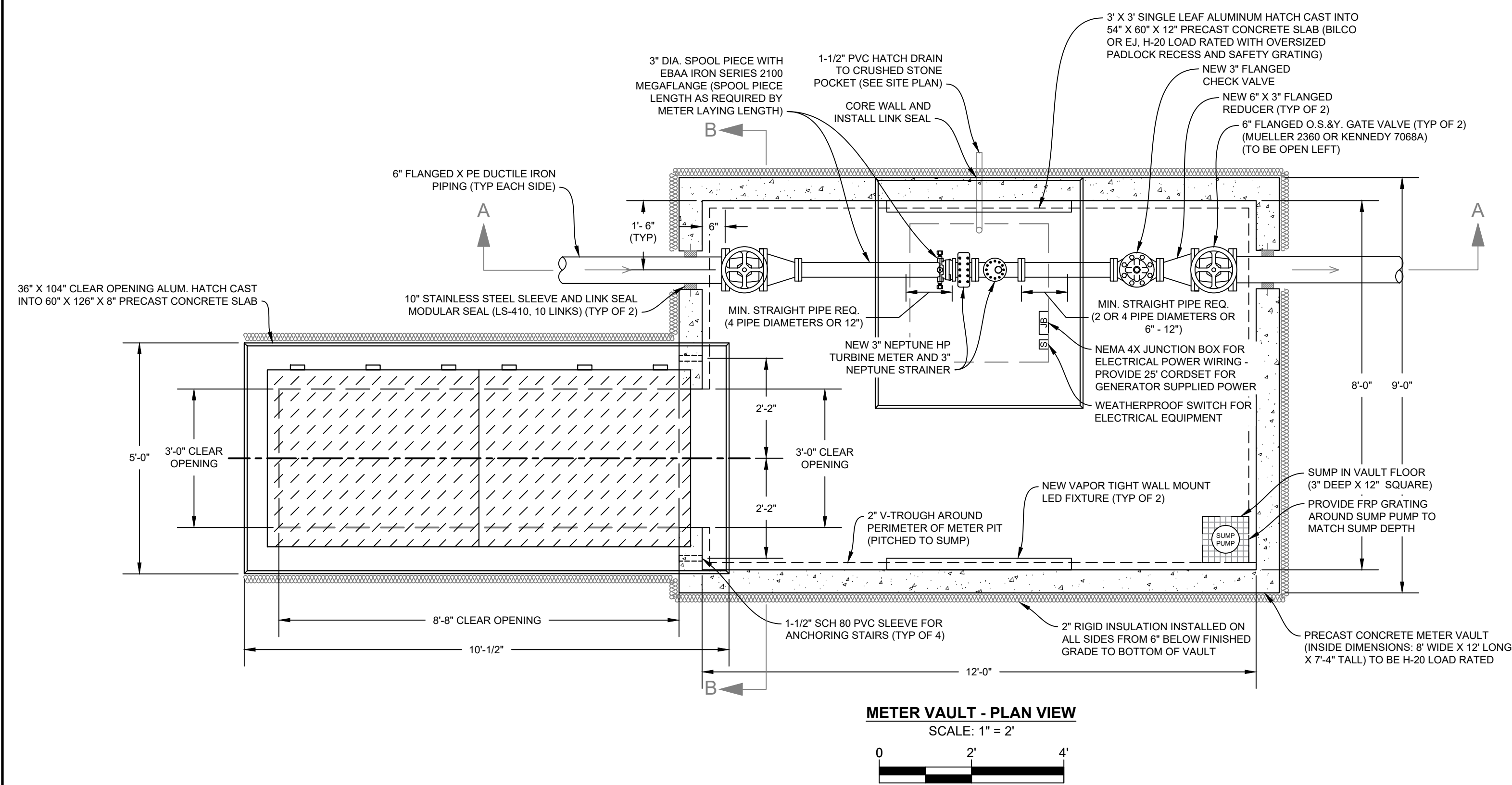
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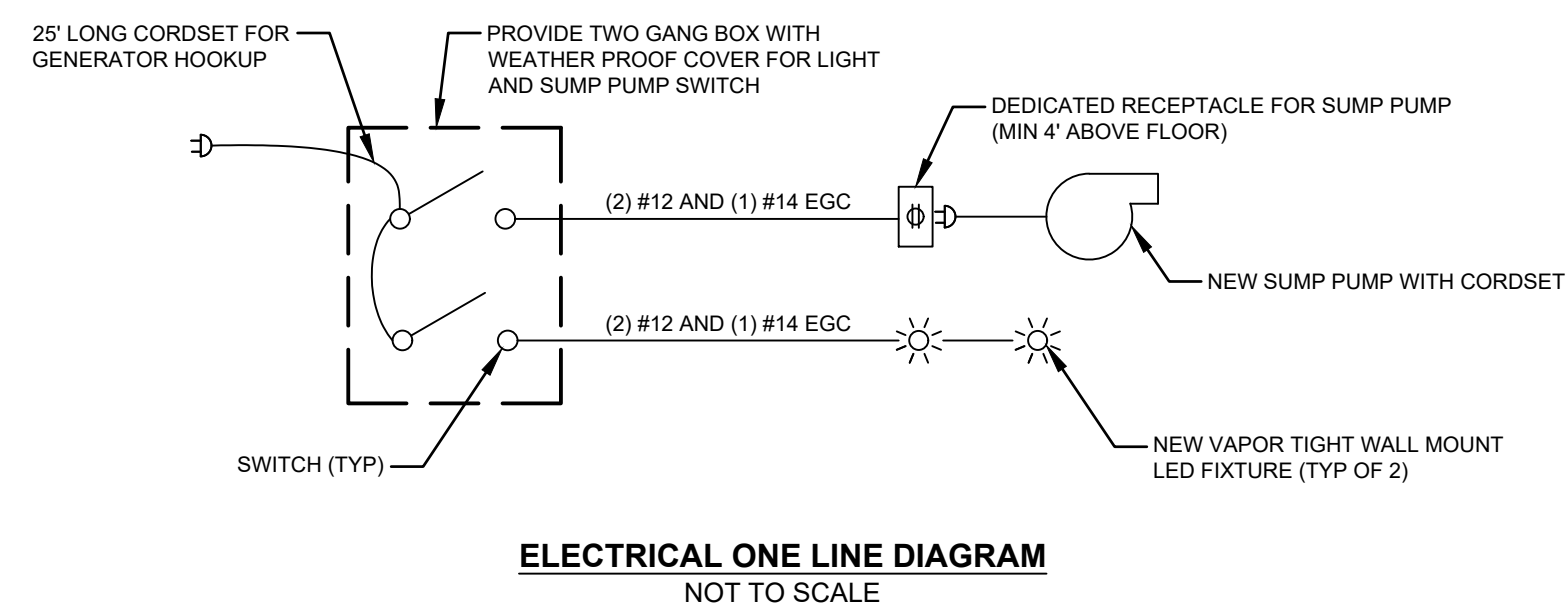
PREPARED FOR:
TOWN OF
RIDGEFIELD
Ridgefield, Connecticut

Ridgefield, Connecticut

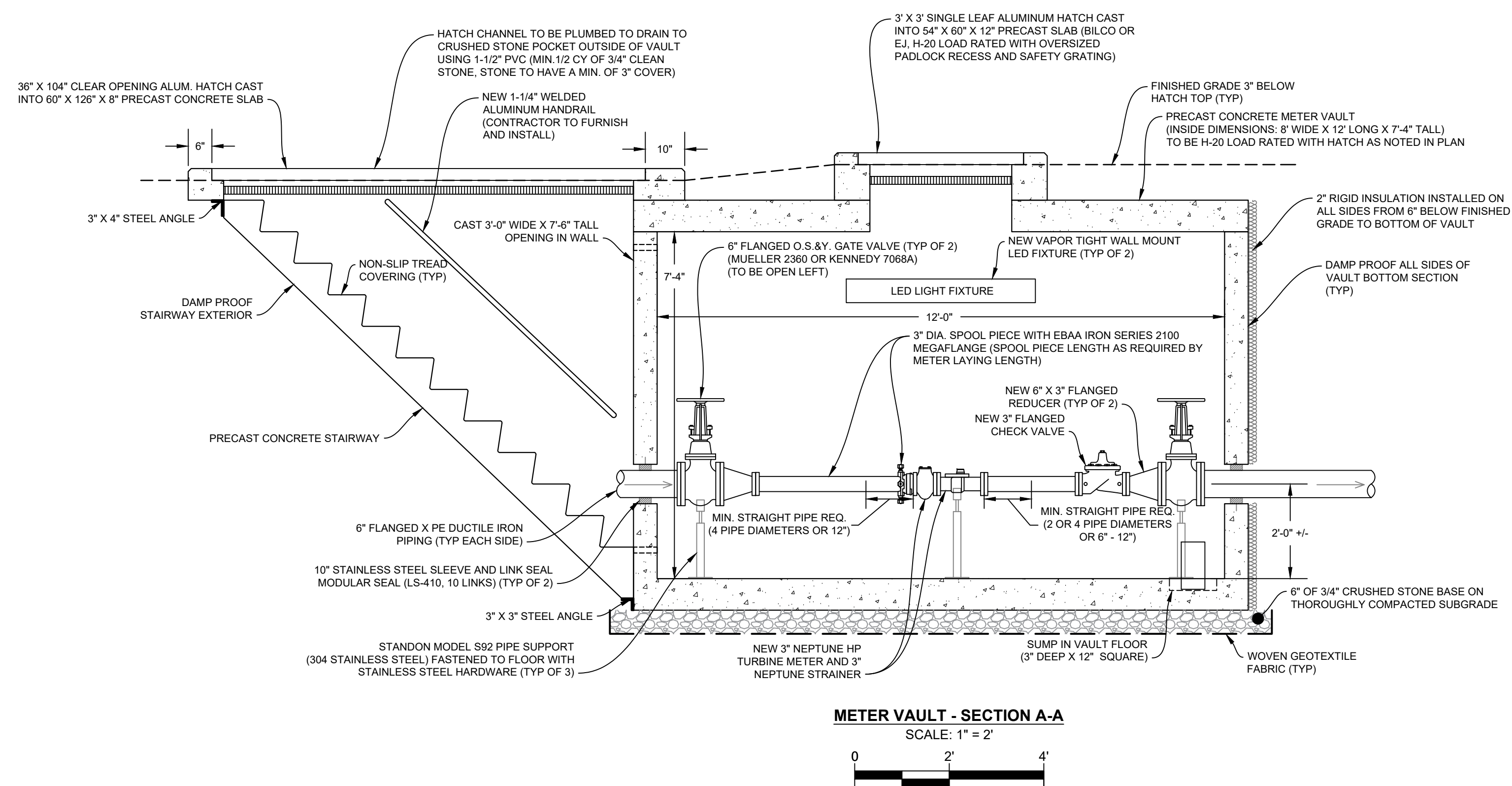
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SHEET NO. 2 OF 5
JOB NO. R F D - 0 0 1



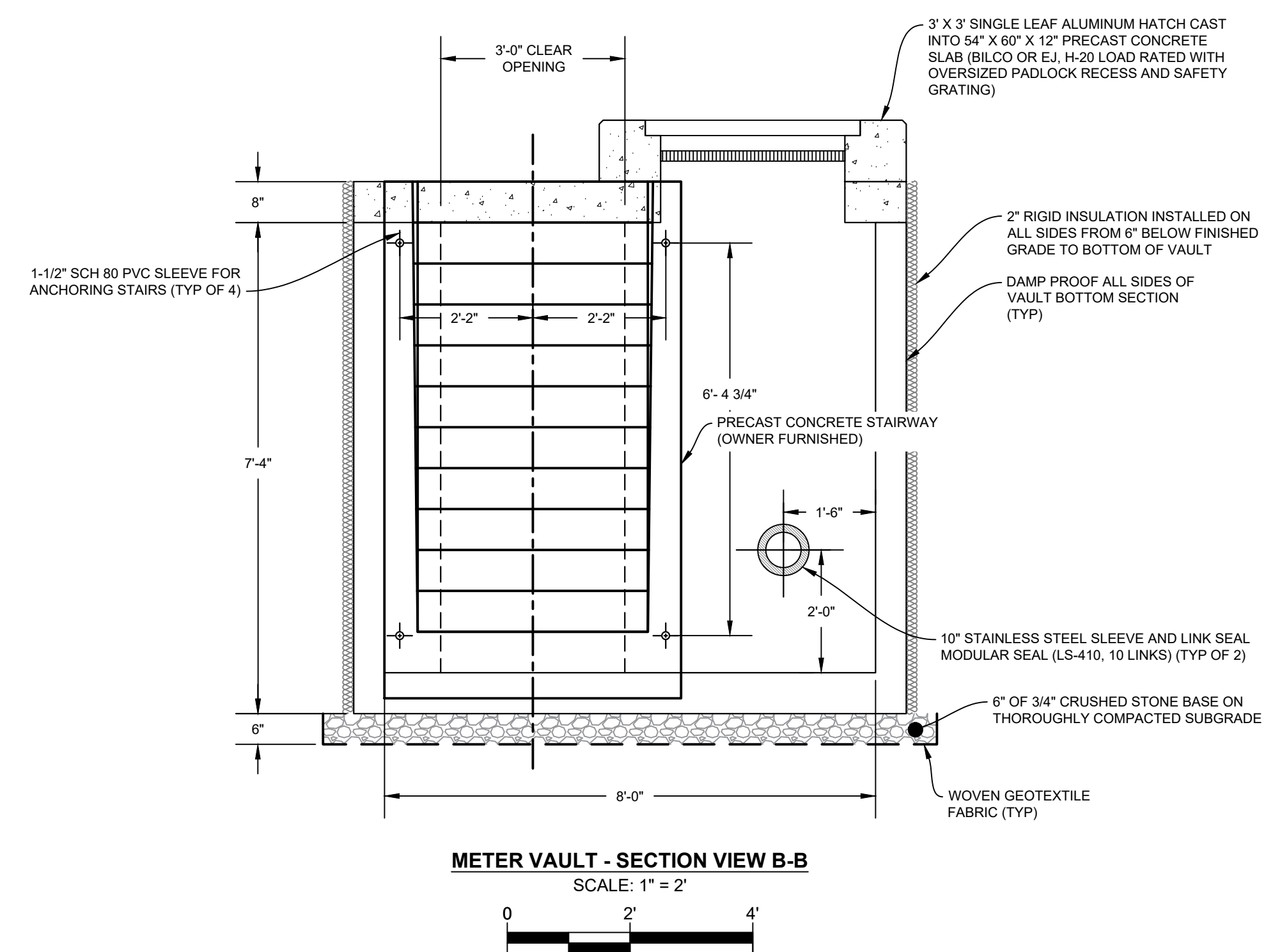
SUMP PUMP DISCHARGE PIPING SCHEMATIC
NOT TO SCALE



ELECTRICAL ONE LINE DIAGRAM
NOT TO SCALE



METER VAULT - SECTION A-A
SCALE: 1" = 2'



METER VAULT - SECTION VIEW B-B
SCALE: 1" = 2'

CONTRACT DRAWING



PORTLAND, CONNECTICUT

CONTRACT
DRAWING

EXISTING WATER TREATMENT BUILDING
LAYOUT AND DISCONNECTION PLAN AND
EXISTING SECTION A-A PIPING ELEVATION VIEW

REVISED

CHECKED

DRAWN

DESIGNED

PREPARED FOR:
TOWN OF
RIDGEFIELD

Ridgefield, Connecticut

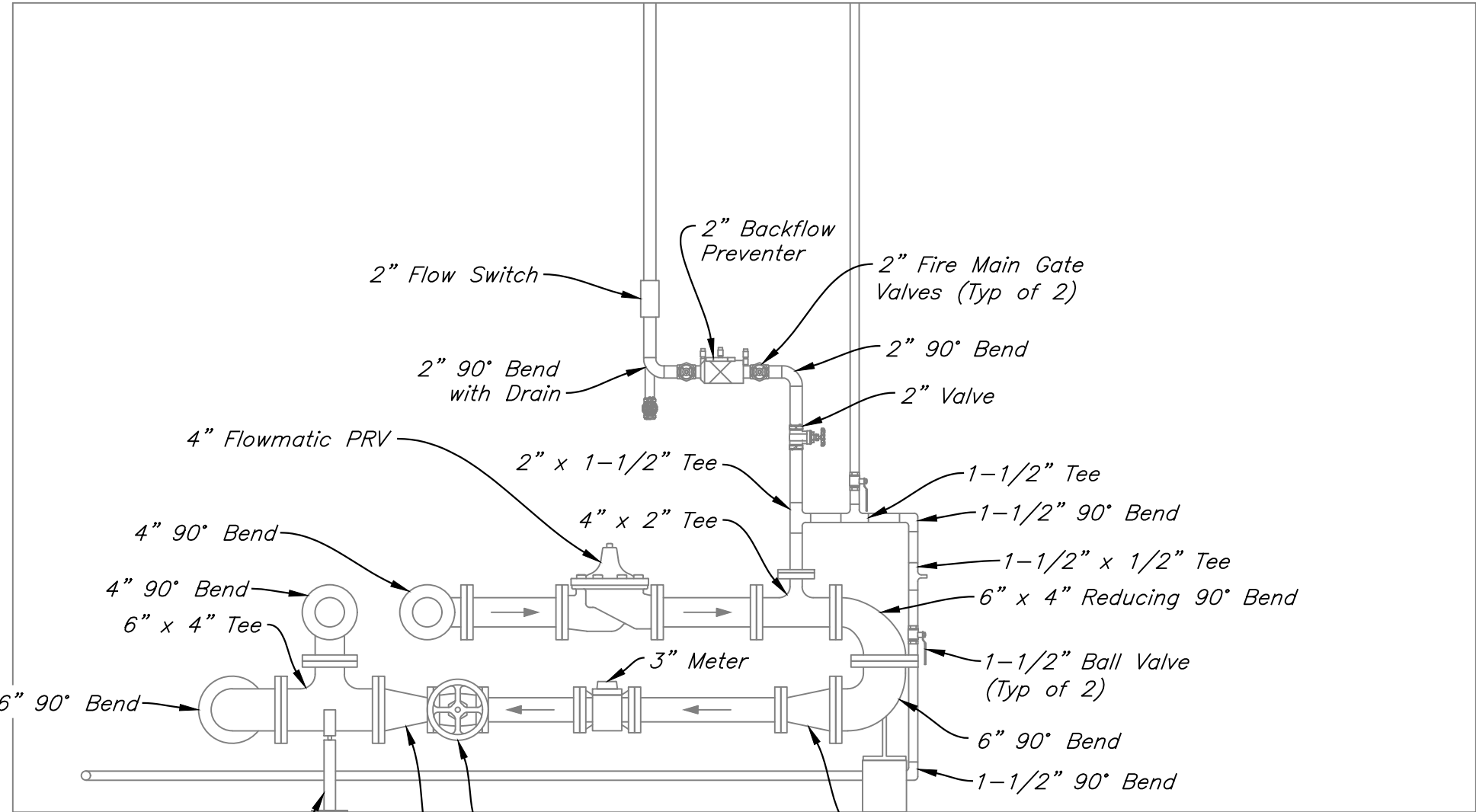
RIDGEFIELD HIGH AND MIDDLE
SCHOOL INTERCONNECTION

Ridgefield, Connecticut

J U N E 2 0 2 5
SHEET NO. 3 OF 5
JOB NO. R F D - 0 0 1

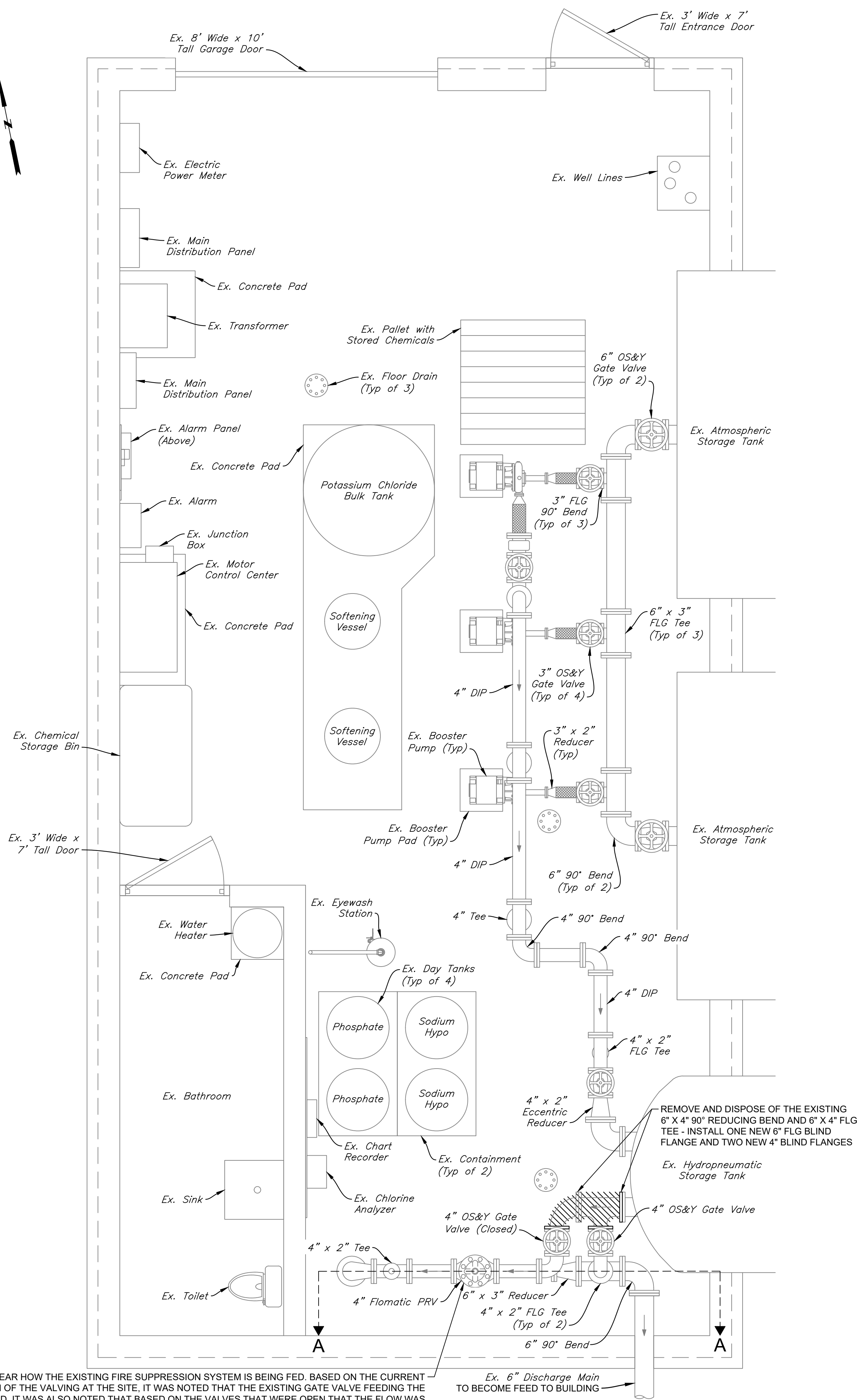
METER PIT COMMISSIONING AND WELL HOUSE DISCONNECTION PROCEDURE:

1. INSTALL NEW WATER MAIN, METER PIT AND APPURTENANCES.
2. COORDINATE WITH AWC FOR FILLING OF THE NEW WATER MAIN VIA THE INTERCONNECTION.
3. PERFORM DISINFECTION AND TESTING OF WATER MAIN TO AWWA AND AWC STANDARDS. PROVIDE RESULTS TO AWC.
4. ONCE THE WATER MAIN HAS PASSED WATER QUALITY TESTING, PERFORM HYDROSTATIC PRESSURE TEST IN ACCORDANCE WITH AWWA AND AWC STANDARDS.
NOTE: SPOOL PIECE TO BE INSTALLED IN PLACE OF WATER METER DURING PRESSURE TESTING.
5. NOTIFY AQUARION WATER COMPANY A MINIMUM OF TWO WEEKS IN ADVANCE OF THE PLANNED TRANSFER OF SERVICE. COORDINATE WITH AWC, SCHOOL STAFF, AND CONTRACTORS TO SCHEDULE TRANSFER OF SERVICE.
6. ON THE SCHEDULED DAY FOR TRANSFER OF SERVICE:
 - a. USING TWO SEPARATE PARTIES, ONE AT THE NEW SERVICE AND ONE WITHIN THE WELL HOUSE, SIMULTANEOUSLY CLOSE THE EXISTING VALVES WITHIN THE WELL HOUSE AND OPEN THE VALVE AT THE NEW METER PIT.
 - b. ON THE SAME WORKDAY, TURN OFF ALL EQUIPMENT WITHIN THE WELL HOUSE, DRAIN THE HYDROPNEUMATIC WATER STORAGE TANK, REMOVE THE TEE AND ELBOW AND INSTALL BLIND FLANGES AS SHOWN ON THE PLAN.
7. TOWN OF RIDGEFIELD TO DECOMMISSION WELL HOUSE AND EQUIPMENT AS REQUIRED.



SECTION A-A EXISTING PIPING ELEVATION VIEW

SCALE: 1" = 2'
0 2' 4'



EXISTING WATER TREATMENT BUILDING LAYOUT AND DISCONNECTION PLAN

SCALE: 1/2" = 1'-0"

0 2' 4'

CONTRACT DRAWING

IT IS UNCLEAR HOW THE EXISTING FIRE SUPPRESSION SYSTEM IS BEING FED. BASED ON THE CURRENT CONFIGURATION OF THE VALVING AT THE SITE, IT WAS NOTED THAT THE EXISTING GATE VALVE FEEDING THE PRV WAS CLOSED. IT WAS ALSO NOTED THAT BASED ON THE VALVES THAT WERE OPEN THAT THE FLOW WAS IN THE OPPOSITE DIRECTION OF THE FLOW METER.



PORTLAND, CONNECTICUT

CONTRACT
DRAWING

SITE DETAILS

REVISED

CHECKED
ZAK
YER

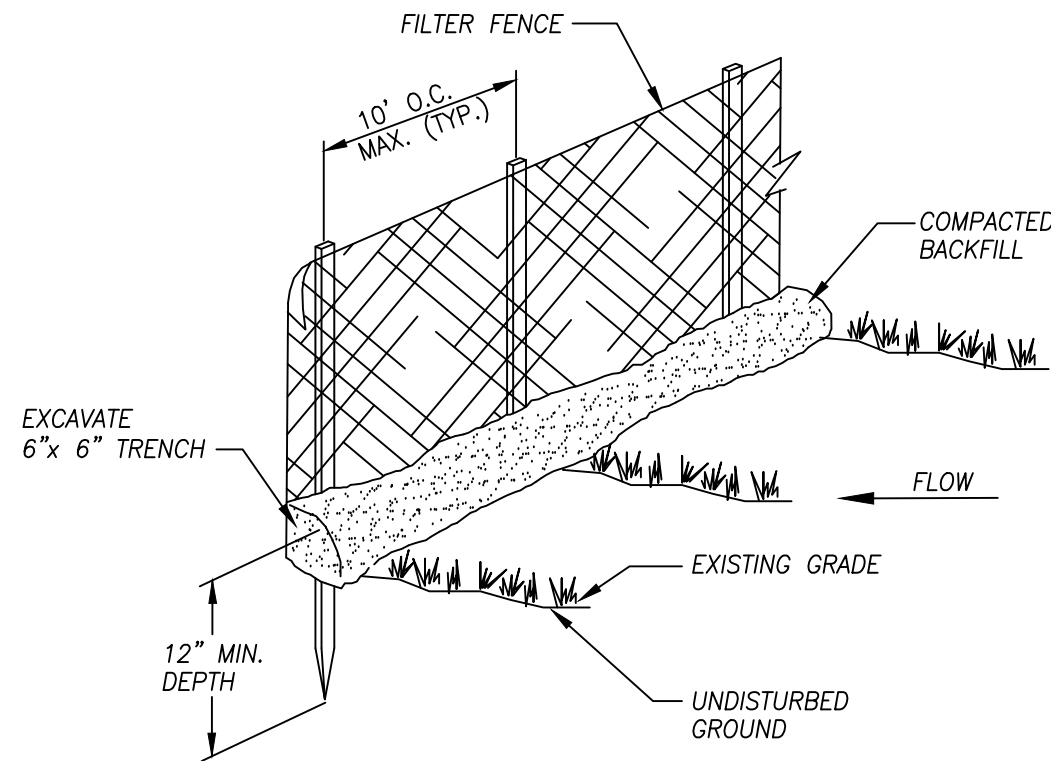
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DESIGNED
ZAK

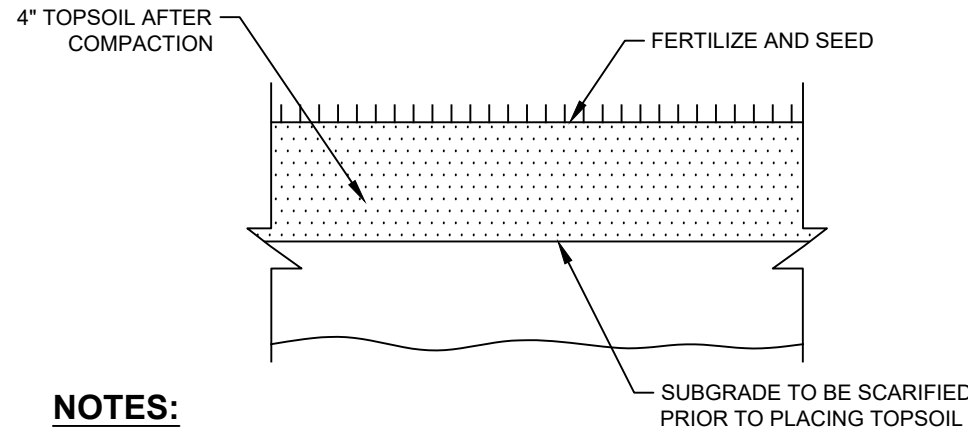
PREPARED FOR:
AQUARION WATER
COMPANY OF CT
Bridgeport, Connecticut

RIDGEFIELD HIGH AND MIDDLE
SCHOOL INTERCONNECTION
Ridgefield, Connecticut

J U N E 2 0 2 5
SHEET NO. 5 OF 5
JOB NO. R F D - 0 0 1



SILT FENCE DETAIL
NOT TO SCALE

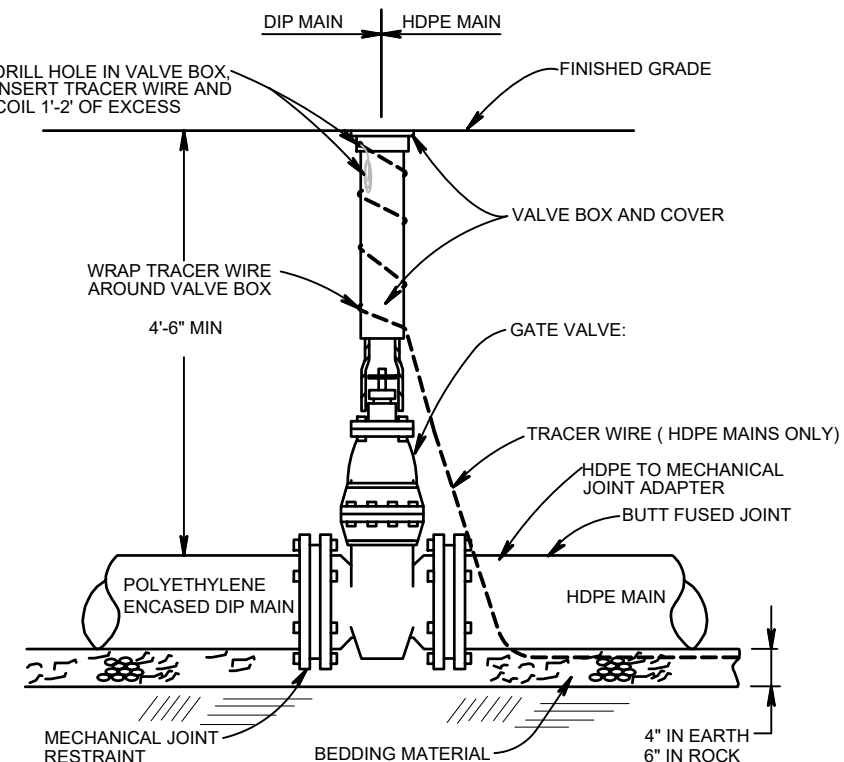


NOTES:

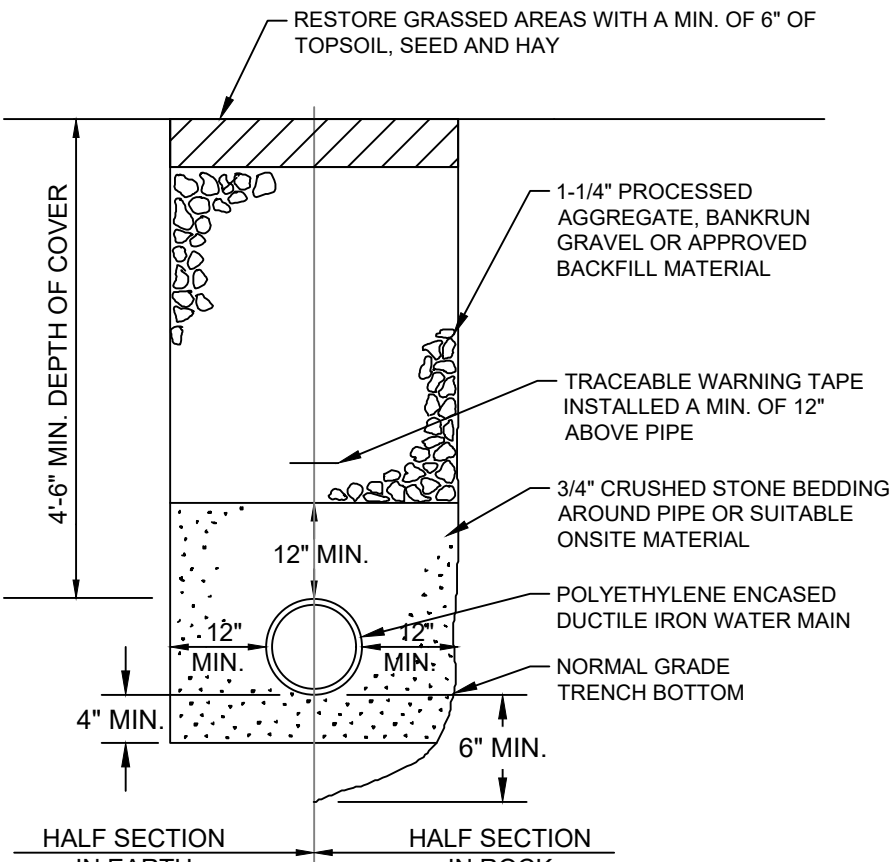
- THE PERMANENT SEED MIX FOR TURF ESTABLISHMENT IS AS FOLLOWS:

NAME	MINIMUM PROPORTION BY WEIGHT
KENTUCKY BLUEGRASS	45%
CREeping RED FESCUE	10%
PERENNIAL RYE GRASS	45%
- SEED SHALL BE APPLIED AT A RATE OF 2 POUNDS PER 1000 SQUARE FEET. THE SEEDED AREA SHALL BE MULCHED WITH A LAYER OF GRASS, HAY OR STRAW AT A RATE OF 10 POUNDS PER 100 SQUARE FEET. THE SEEDED AREAS SHALL BE THOROUGHLY WATERED UNTIL SATISFACTORY STAND OF GRASS HAS BEEN ESTABLISHED.

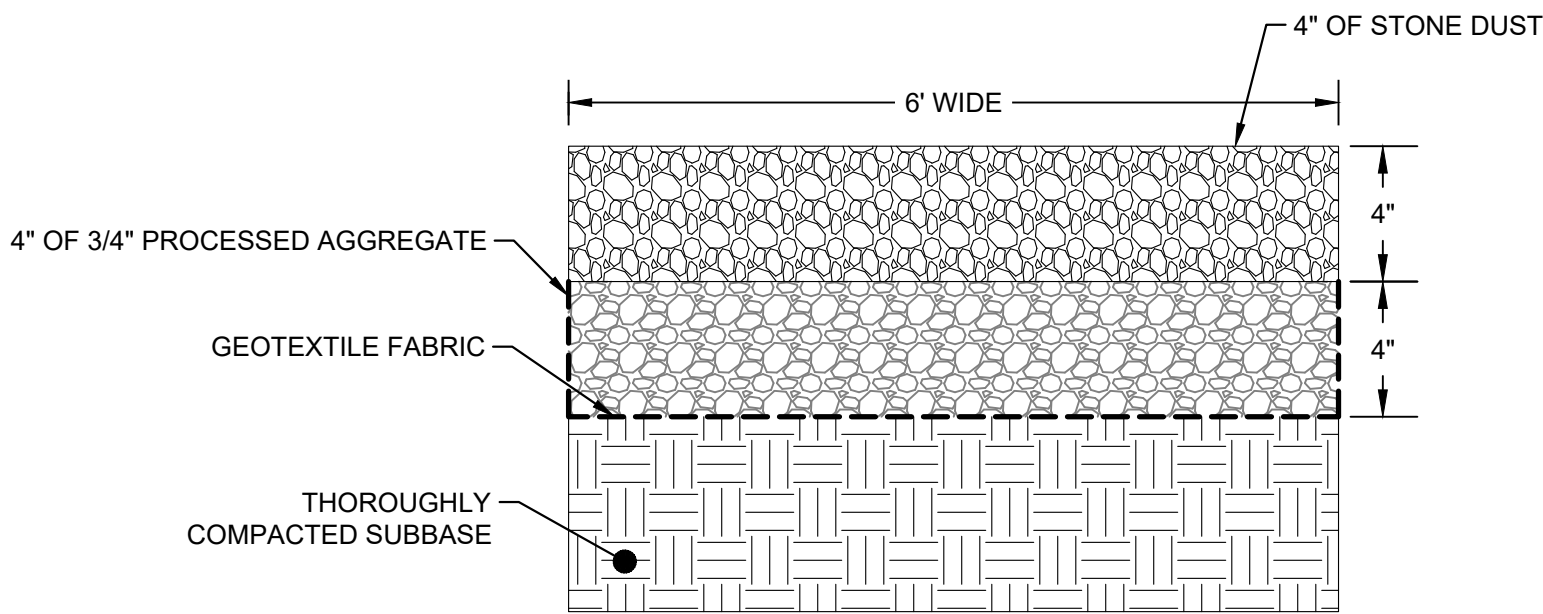
TURF ESTABLISHMENT
NOT TO SCALE



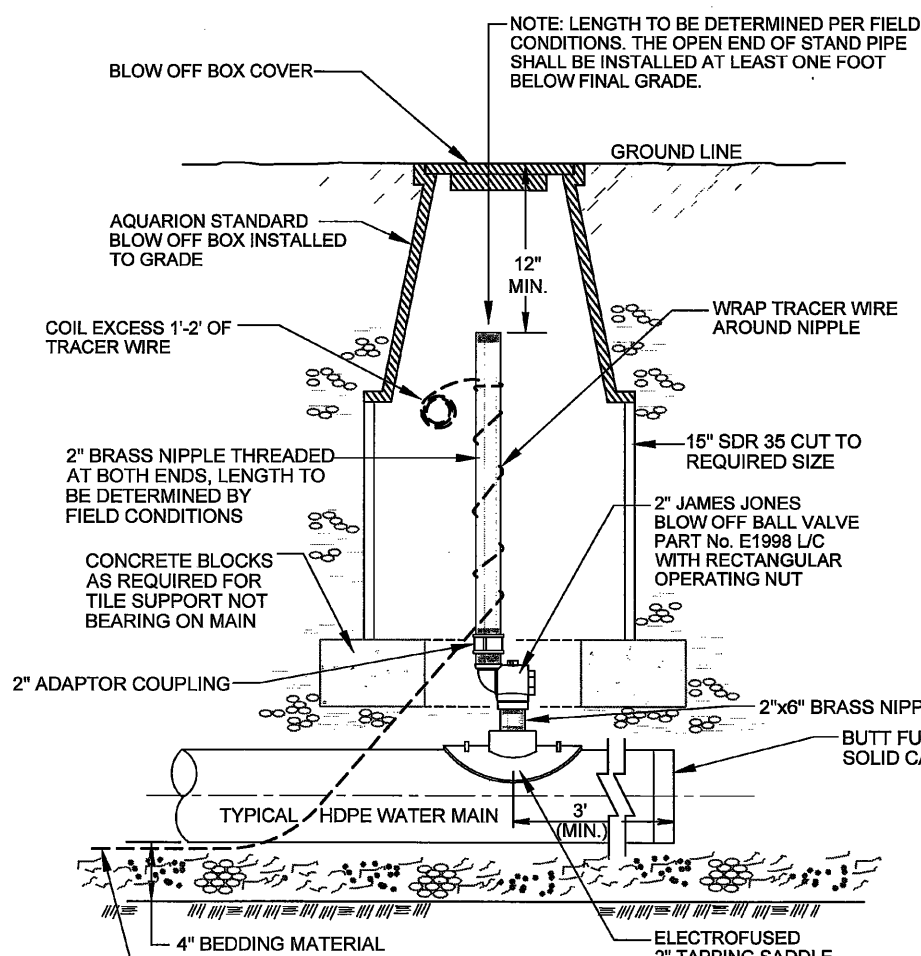
GATE VALVE DETAIL (AWC SD-2)
NOT TO SCALE



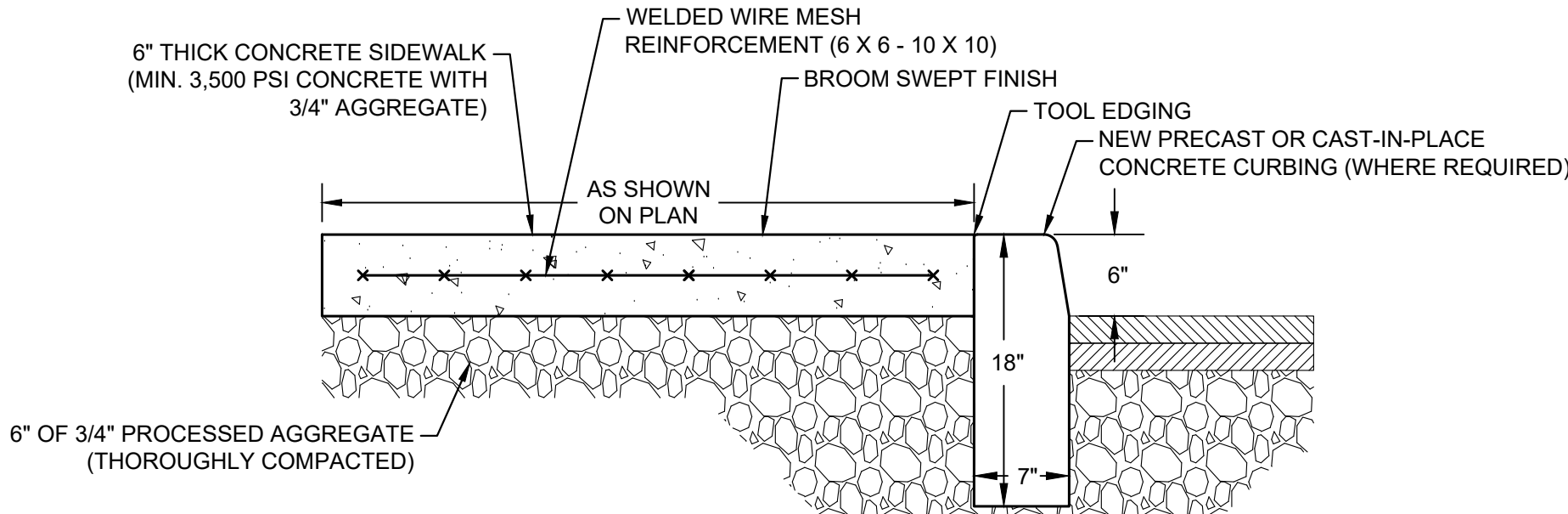
TYPICAL WATER MAIN TRENCH DETAIL
NOT TO SCALE



COMPACTED STONE PATHWAY DETAIL
NOT TO SCALE

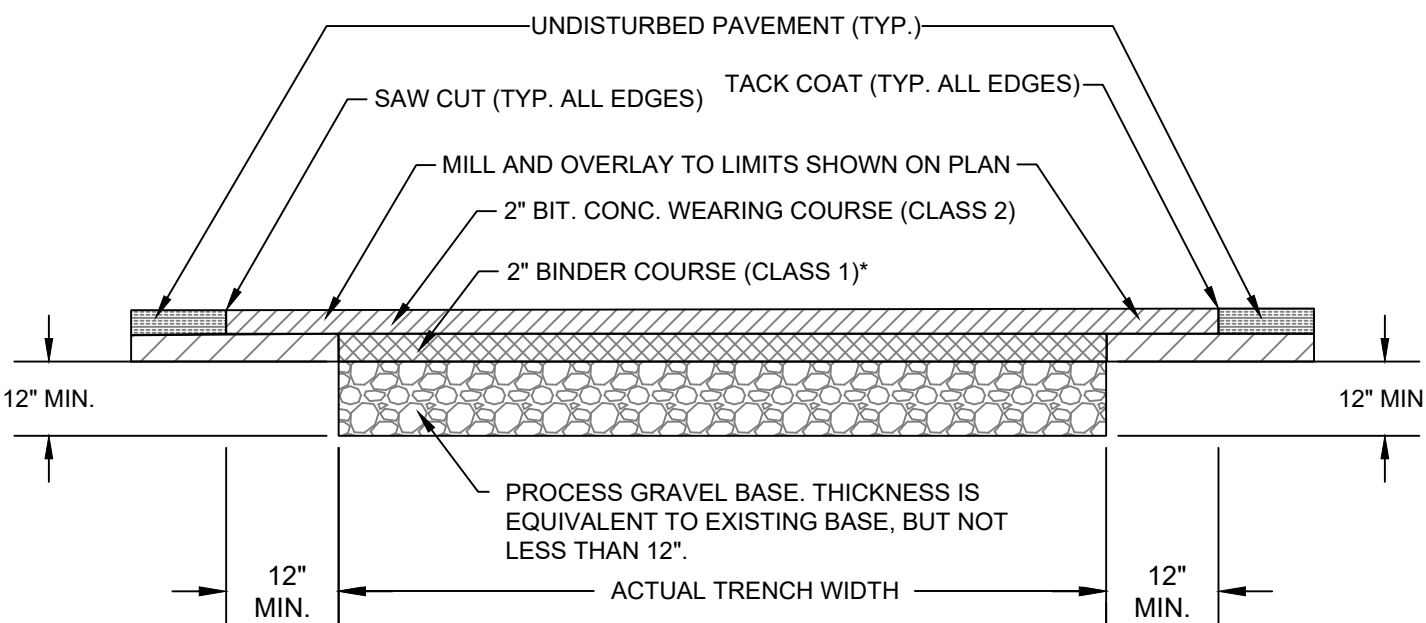


ON-LINE AIR VENT DETAIL (AWC SD-7)
NOT TO SCALE

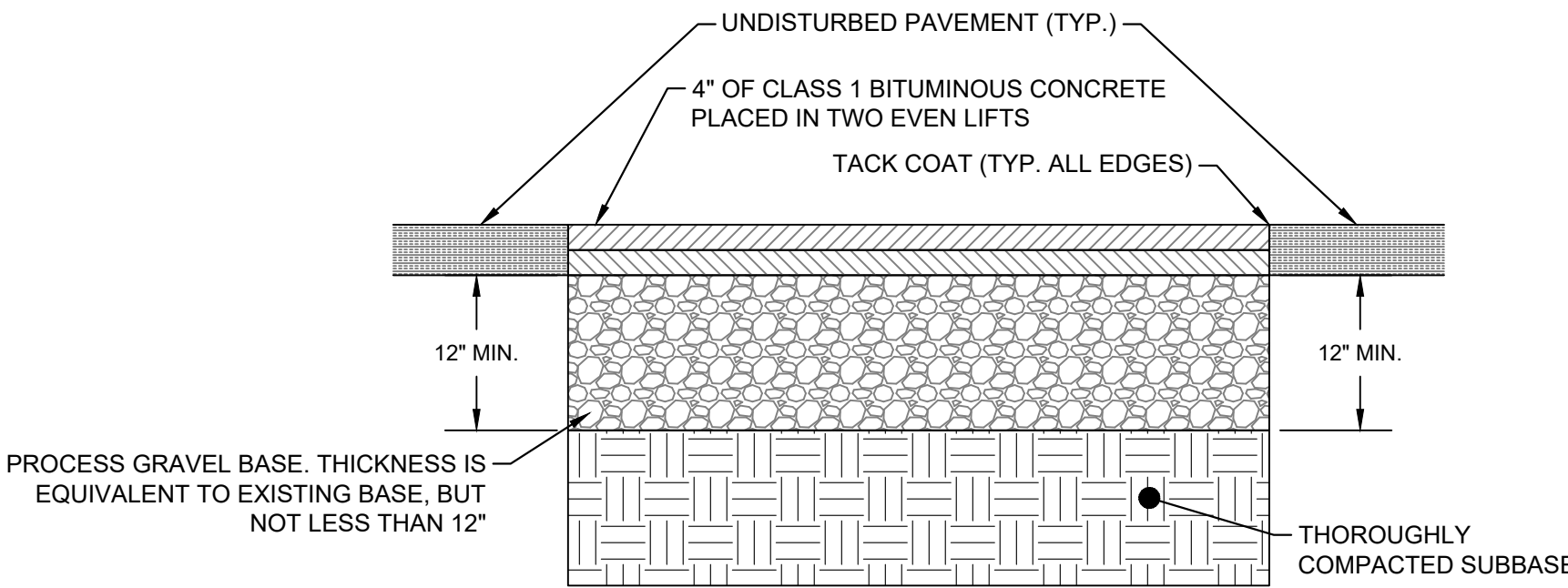


NOTE: EXPANSION JOINTS SHALL BE PROVIDED AT A MIN. 8' O.C. SPACING. DISTURBED SIDEWALK PANELS SHALL BE REPLACED IN FULL, TO NEAREST CONTROL JOINT

CONCRETE SIDEWALK DETAIL
NOT TO SCALE



PERMANENT PAVEMENT RESTORATION DETAIL
NOT TO SCALE



TEMPORARY PAVEMENT RESTORATION DETAIL
NOT TO SCALE

RIDGEFIELD HIGH SCHOOL WATER MAIN EXTENSION

RIDGEFIELD, CONNECTICUT

CONTRACT DRAWING

ADDENDUM 1

REVISED: FEBRUARY 2, 2026

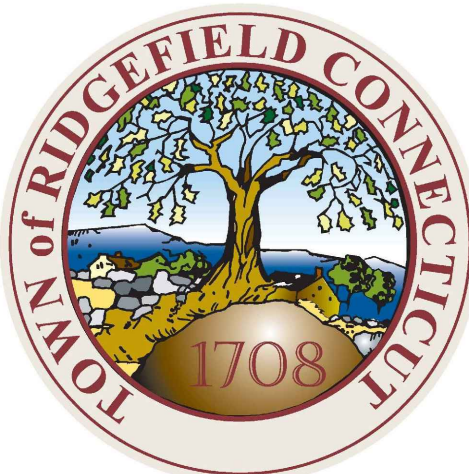
GENERAL NOTES:

- BASE MAPPING WAS PREPARED FROM FIELD WORK CONDUCTED BY SNYDER CIVIL ENGINEERING, LLC IN SEPTEMBER OF 2021 AND SUPPLEMENTED WITH INFORMATION FROM THE FOLLOWING MAPS:
 - USGS HIGH-RESOLUTION ORTHO IMAGERY
 - "WATER MAIN REPLACEMENT PROJECTS 2020 - BID GROUP 24 CRAIGMOOR ROAD WATER MAIN REPLACEMENT, RIDGEFIELD, CONNECTICUT, CONTRACT DRAWING, MARCH 2020, REVISED 04-17-2020, PREPARED FOR: AQUARION WATER COMPANY OF CT, PREPARED BY: SNYDER CIVIL ENGINEERING, LLC"
 - "RURAL WATER COMPANY CRAIGMOOR ROAD WATER SYSTEM SITE PLAN, RIDGEFIELD, CT, DATE: 3/21/2002, SCALE: AS NOTED, SHEET NO. 1 OF 1."
 - "PROPERTY / BOUNDARY SURVEY, CRAIGMOOR ROAD RIDGEFIELD, CONNECTICUT" DATED FEBRUARY 4, 2015, PREPARED BY JACKOWIAK LAND SURVEYING.
 - "TOWN OF RIDGEFIELD, CONNECTICUT, NORTH STREET WATER MAIN, CONTRACT 07-1, DPH PROJECT NUMBER 2007 1180013a, MARCH, 2008, METCALF & EDDY / AECOM"
 - TOWN OF RIDGEFIELD, CONNECTICUT, MIDDLE SCHOOL PUMP STATION AND FORCE MAIN, STATE PROJECT NO. 118-044N, NORTH SALEM ROAD (RTE. 116), 14 MARCH 2001, REVISIONS 1/24/03, METCALF & EDDY"
- APPROXIMATE PROPERTY LIMITS WERE OBTAINED FROM THE TOWN OF RIDGEFIELD, CT. ASSESSMENT PARCEL MAPS NO. 120 (ACCESSED ONLINE IN AUGUST OF 2021)
- REFERENCE FOR THE LOCATION OF SUBSURFACE OR UNDERGROUND UTILITIES AND STRUCTURES SHOWN ON THE DRAWINGS IS BASED ON INFORMATION PROVIDED BY THE FOLLOWING:
 - ELECTRIC - FIELD LOCATION AND MAPPING PROVIDED BY EVERSOURCE ENERGY
 - STORM DRAINAGE - FIELD LOCATION AND MAPPING PROVIDED BY TOWN OF RIDGEFIELD
 - WATER - FIELD LOCATION AND MAPPING PROVIDED BY AWC
 - SANITARY SEWER - FIELD LOCATION AND MAPPING PROVIDED BY TOWN OF RIDGEFIELD
 - COMMUNICATIONS - FIELD LOCATION AND MAPPING PROVIDED BY FRONTIER COMM.
 - GAS - N/A
- THE LOCATION OF ALL SUBSURFACE OR UNDERGROUND UTILITIES AND STRUCTURES INCLUDING BUT NOT LIMITED TO PIPES, CABLES AND CONDUITS ARE NOT GUARANTEED TO BE EXACT, NOR IS IT GUARANTEED THAT ALL UNDERGROUND OR SUBSURFACE ITEMS ARE SHOWN.
- THE EXACT TYPE, SIZE, LOCATION AND DEPTH OF EXISTING WATER MAINS IS UNKNOWN. THE EXISTING WATER MAINS ON THIS PLAN ARE SHOWN FOR SCHEMATIC PURPOSES ONLY BASED ON THE BEST AVAILABLE INFORMATION OBTAINED BY FIELD LOCATION AND MAPPING AND INFORMATION PROVIDED BY AQUARION WATER COMPANY.
- MINIMUM WATER MAIN SANITARY INSTALLATION CLEARANCES ARE LISTED AS FOLLOWS:
 - FOR WATER MAINS INSTALLED BELOW SANITARY SEWERS OR STORM DRAINS - 18" VERTICAL CLEARANCE
 - FOR WATER MAINS INSTALLED ABOVE SANITARY SEWERS OR STORM DRAINS - 12" VERTICAL CLEARANCE
 - IF MINIMUM INSTALLATION CLEARANCES CANNOT BE MET, THE CONTRACTOR SHALL
 - NOTIFY THE ENGINEER
 - PROVIDE A WATER TIGHT SEAL AT JOINTS WITHIN 10' OF THE CROSSING USING A PIPE JOINT REPAIR CLAMP OR MECHANICAL JOINT
 - INSTALL A 2" RIGID INSULATION PROTECTIVE BARRIER BETWEEN THE WATER MAIN AND SEWER OR STORM DRAIN
- AQUARION WATER COMPANY RESERVES THE RIGHT TO ADD, SUBTRACT OR RELOCATE TEST PITS AS DIRECTED BY THE PROJECT MANAGER.
- ABANDON ALL HYDRANTS, GATE BOXES, AND OTHER APPURTENANCES A MINIMUM OF 2' BELOW GRADE.
- ALL SURFACE RESTORATION INCLUDING PAVEMENT, CURBING, LANDSCAPING, PLANTING AND TREE REPLACEMENT SHALL BE COORDINATED WITH THE PROPERTY OWNERS AND THE TOWN OF RIDGEFIELD.
- ALL VALVES SHALL BE OPEN RIGHT (OTR).
 - *ELEVATION DATUM - NAVD 88 (IN FEET)

819 CONSTRUCTION NOTES:

- REMOVAL OF PAVEMENT MARKINGS ALONG STATE ROADWAYS SHALL BE COMPLETED BY A NON-DESTRUCTIVE METHOD IN COMPLIANCE WITH THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, FACILITIES AND INCIDENTAL CONSTRUCTION FORM 819 SECTION 12.11, AS REVISED.
- NEW PAVEMENT MARKINGS SHALL BE PAINTED WITH EPOXY RESIN PAINT IN COMPLIANCE WITH THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, FACILITIES AND INCIDENTAL CONSTRUCTION FORM 819 SECTION 12.10 AS REVISED.
- NEW SIGN MATERIAL AND SHEETING SHALL BE MADE OF REFLECTIVE MATERIAL IN COMPLIANCE WITH THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, FACILITIES AND INCIDENTAL CONSTRUCTION FORM 819 SECTION 12.08 AS REVISED. TYPE 1 REFLECTIVE SHEETING SHALL BE USED FOR SIGNS WITH WHITE BACKGROUND, TYPE 3 REFLECTIVE SHEETING SHALL BE USED FOR SIGNS WITH COLORED BACKGROUND EXCEPT FOR SIGNS WITH RED BACKGROUND THAT SHALL BE TYPE 8 OR 9 REFLECTIVE SHEETING.
- ALL SIGNS AND PAVEMENT MARKINGS INSTALLED ALONG THE STATE ROAD MUST CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES," THE LATEST STATE OF CONNECTICUT CATALOG OF SIGNS AND STANDARDS, AS REVISED.
- ANY DAMAGE TO THE EXISTING CURB, SIDEWALK OR ANY OTHER HIGHWAY APPURTENANCES DURING THE DEVELOPMENT OF THE PERMITTED SITE WILL BE REPLACED BY THE CONTRACTOR, AS DIRECTED BY THE DISTRICT PERMIT SECTION, AT NO COST TO THE STATE.
- ALL WORK WITHIN THE STATE RIGHT OF WAY WILL COMPLY WITH THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, FACILITIES AND INCIDENTAL CONSTRUCTION FORM 819 WITH THE LATEST SPECIAL PROVISIONS AND TYPICAL STATE STANDARD DETAILS.

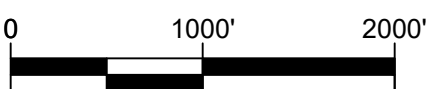
PREPARED FOR:



TOWN OF RIDGEFIELD
400 MAIN STREET
RIDGEFIELD, CT 06877

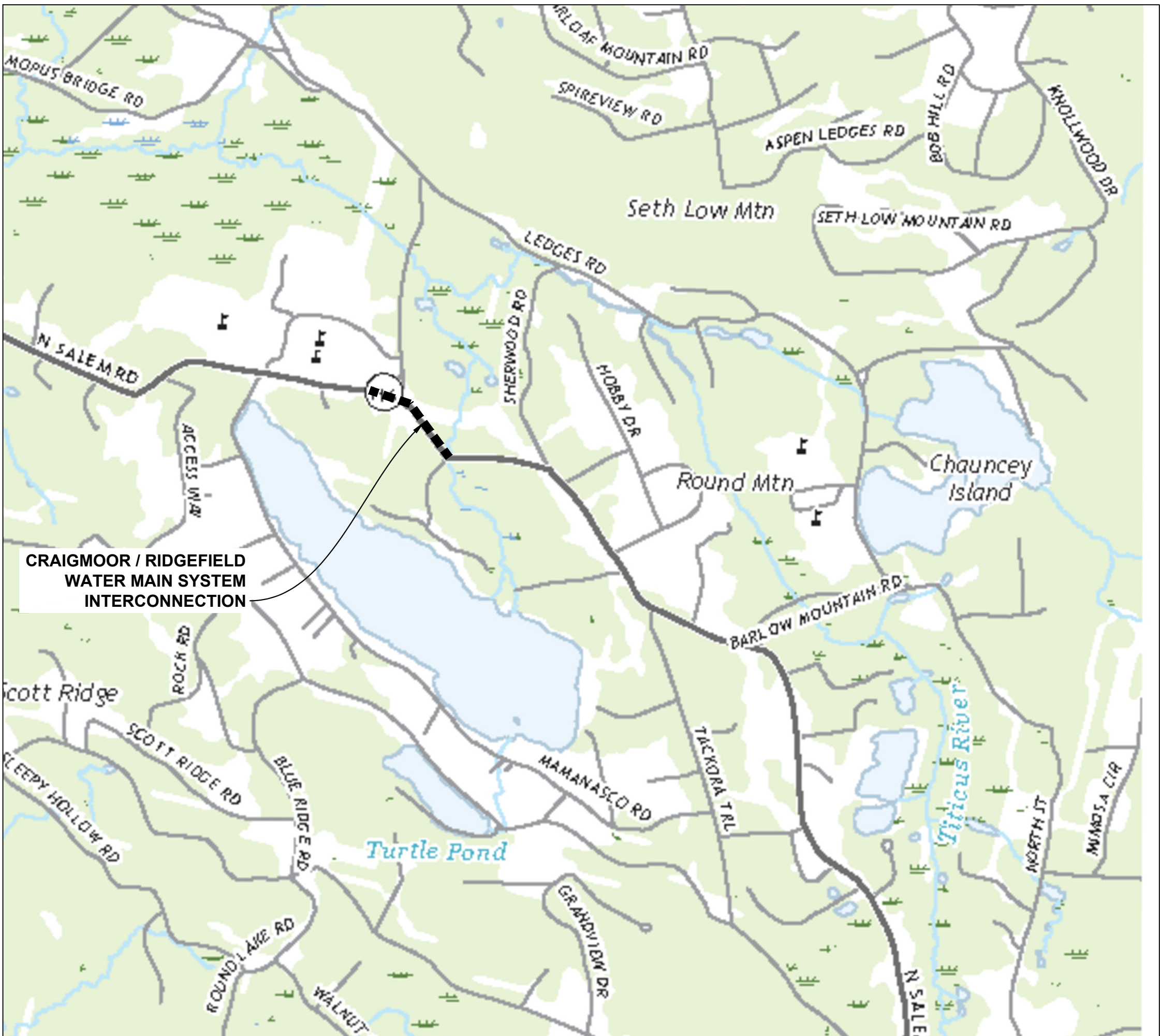
LOCATION PLAN

SCALE: 1" = 1000'



SHEET DIRECTORY

SHEET NO.	SHEET CONTENTS
1	NORTH SALEM ROAD PLAN STA. 0+00 TO STA. 9+53
2	WATER MAIN, PAVEMENT AND EROSION AND SEDIMENTATION CONTROL DETAILS
3	WORK ZONES LAYOUT, TRAFFIC PLAN STA. 0+00 TO STA. 9+53
4	MAINTENANCE AND PROTECTION OF TRAFFIC PLAN NOTES AND DETAILS
5	CONSTRUCTION SIGNS, BARRICADES, CONES AND DRUMS DETAILS
6	CT DOT PAVING DETAILS



LEGEND

CATCH BASIN	ROCK/BOULDER	STONE WALL	VALVE	TEE
STREET SIGN	SURVEY CONTROL POINT	COMM. LINE	HYDRANT	VERTICAL BEND
MAILBOX	SPOT ELEVATION	ELEC. LINE	CURB BOX	90° ELBOW
SHRUB/BUSH	IRON PIN/PIPE	SANITARY SEWER MAIN	WATER METER	45° ELBOW
VALVE	CONIFEROUS TREE	WATER MAIN	REDUCER	22-1/2° ELBOW
HYDRANT	DECIDUOUS TREE	GAS MAIN	COUPLING OR SLEEVE	THRUST BLOCK / COLLAR
CURB VALVE	TREE STUMP	TRAFFIC CTRL LINE	ENDCAP	INSERTION VALVE
WATER METER	UTILITY POLE W/ GUY WIRE	TREELINE/ BRUSHLINE	BLOW-OFF OR AIR VENT	11-1/4° ELBOW
LIGHT POST	GARDEN	PROPERTY LINE	WATER MAIN	
MANHOLE	TRAFFIC LOOP	STORM DRAIN PIPE	SERVICE LINE	
FENCE	CROSS WALK	RETAINING WALL		
		SHRUB ROW		

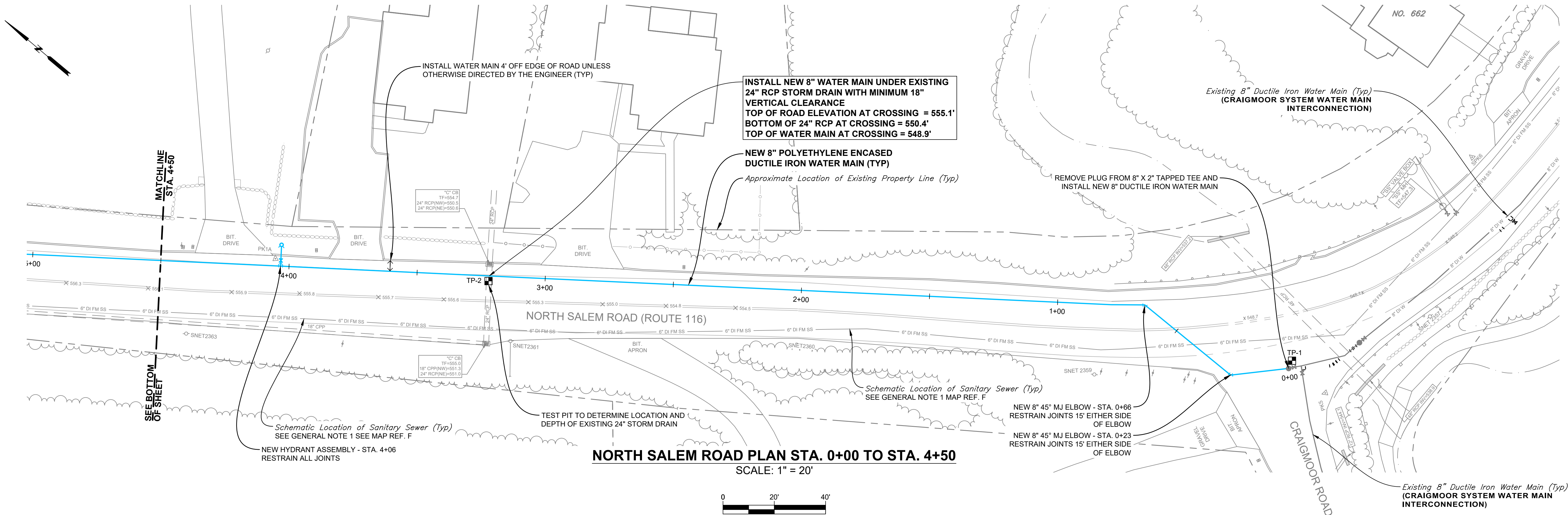
- NOTE:
- EXISTING FEATURES ARE DRAWN IN THIN LIGHT GREY, PROPOSED FEATURES ARE DRAWN BOLD AND LIGHT BLUE.
 - ALL DRAIN PIPE AND SANITARY SEWER ELEVATIONS SHOWN WITH MULTILEADERS ARE INVERT ELEVATIONS UNLESS OTHERWISE NOTED


PREPARED BY:

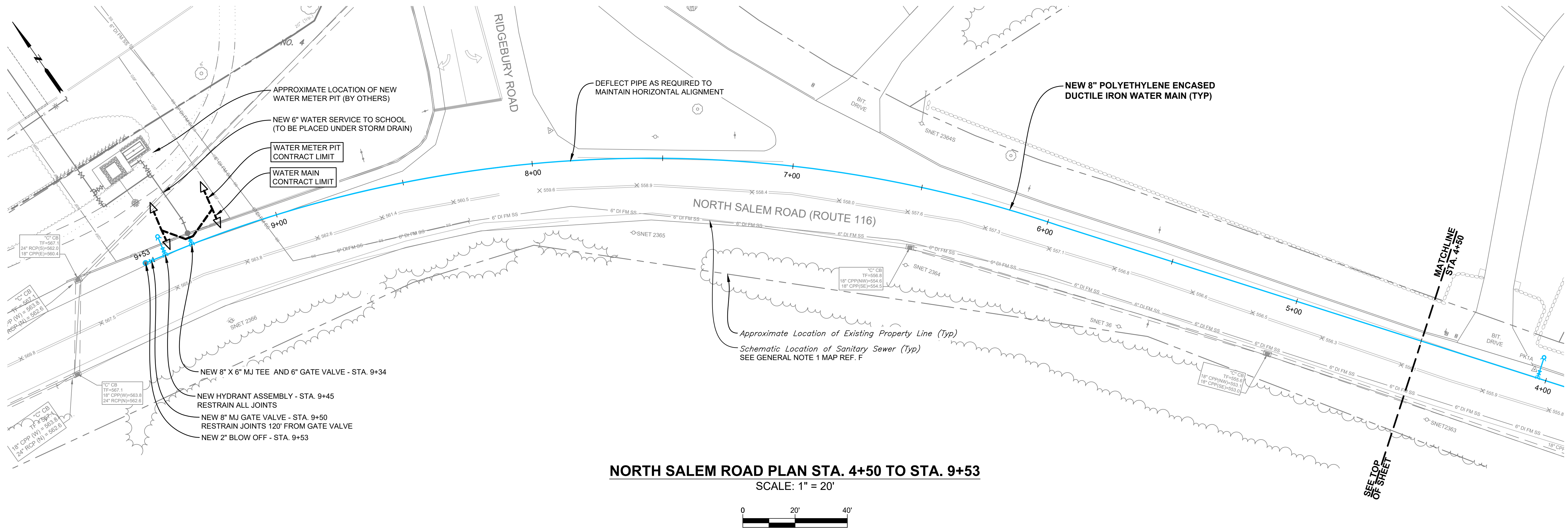



SNYDER CIVIL ENGINEERING, LLC
150 MARLBOROUGH STREET
PORTLAND, CT 06480

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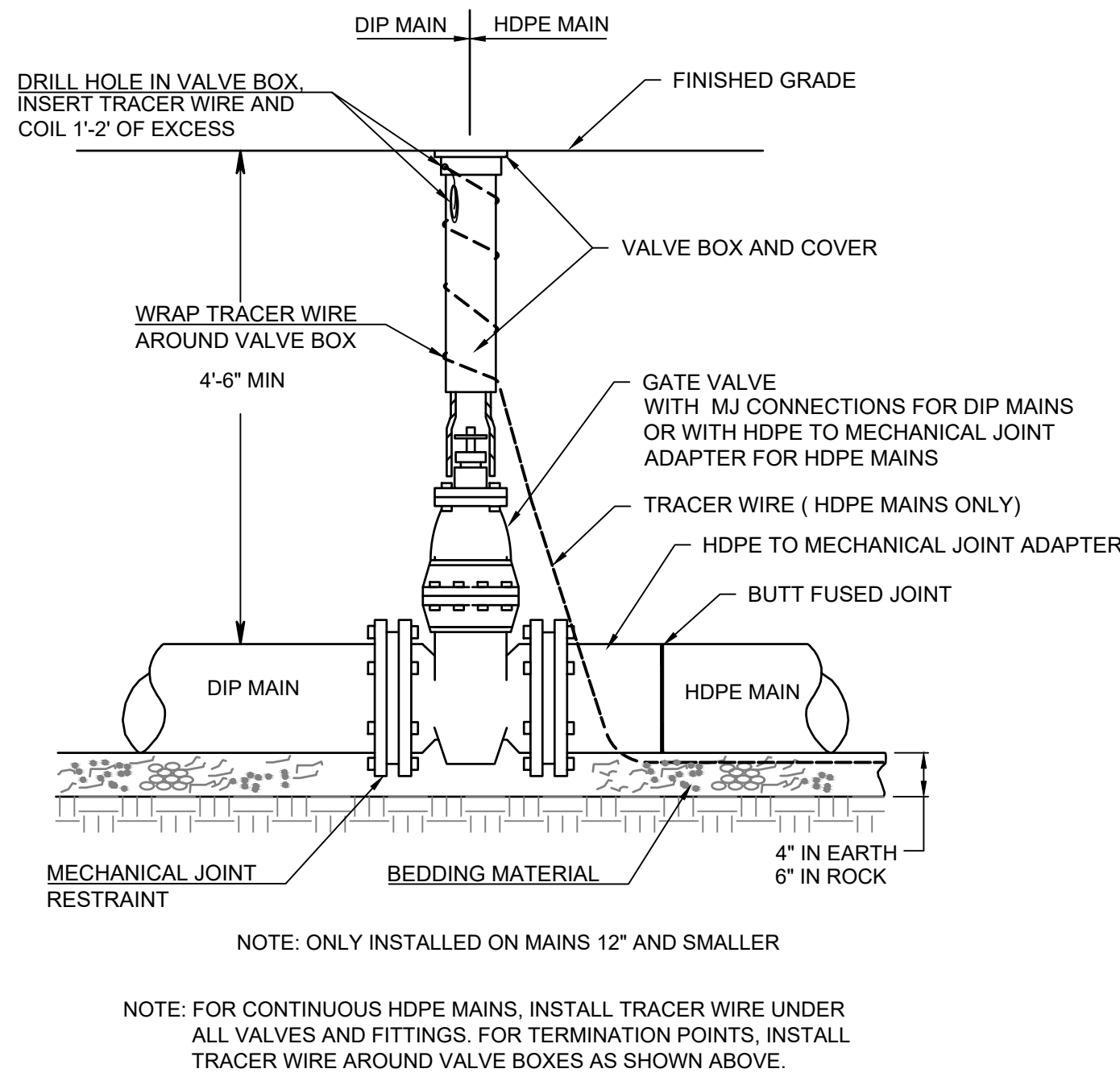
- TEST PIT NOTE:**
- TP-X
1. THE SYMBOL  DENOTES A TEST PIT LOCATION. THE CONTRACTOR SHALL PERFORM TEST PITS TO DETERMINE EXACT SIZE, TYPE, DEPTH, LOCATION AND CONFIGURATION OF EXISTING UTILITY UTILITIES IN THE CORRESPONDING LOCATIONS.



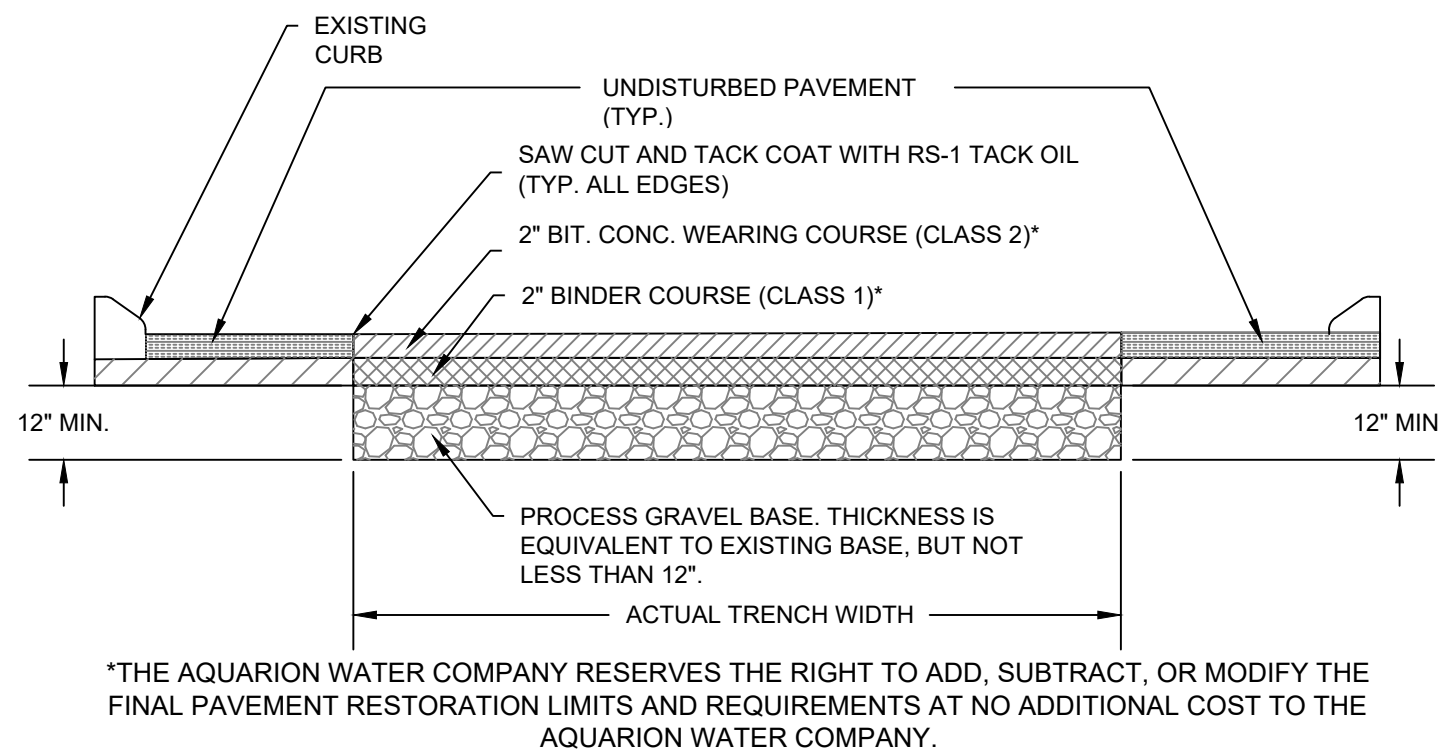
SHEET NO. 1		
<div><div>SNYDER CIVIL Engineering, LLC</div></div> <div>PORTLAND, CONNECTICUT</div>		
CONTRACT		
DRAWING		
NORTH SALEM ROAD PLAN STA. 0+00 TO STA. 9+53	DESIGNED	JFD
	DRAWN	KPP
	CHECKED	DRS
	REVISED	2/2/2026 ADDENDUM 1 -DOT COMMENTS
PREPARED FOR:		
TOWN OF RIDGEFIELD		
Ridgefield, Connecticut		
RIDGEFIELD HIGH SCHOOL WATER MAIN EXTENSION		
Ridgefield, Connecticut		
J U N E 2 0 2 3	SHEET NO. 1 OF 6	JOB NO. R F D - 0 0 1

CONTRACT DRAWING

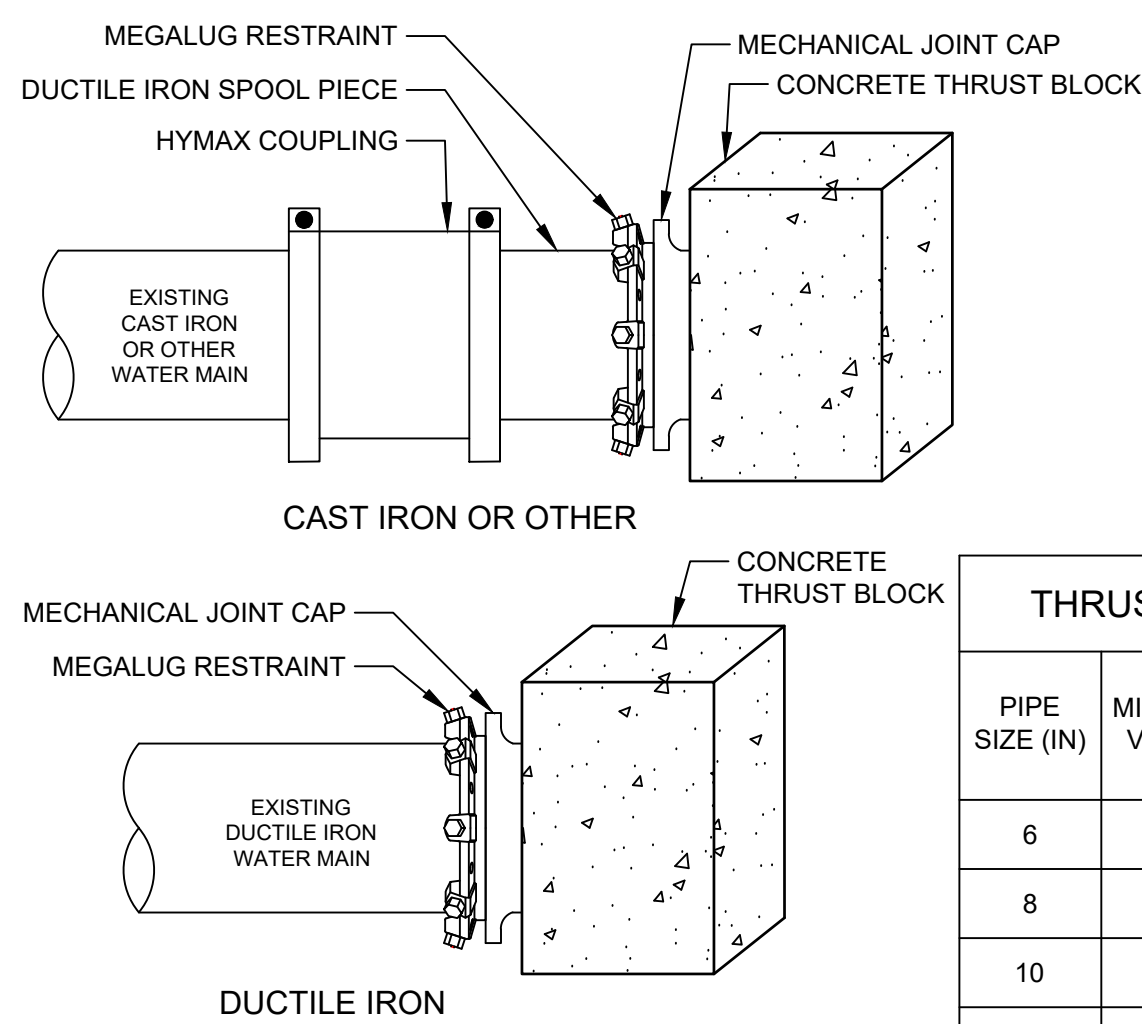
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GATE VALVE DETAIL (AWC SD-2)
NOT TO SCALE



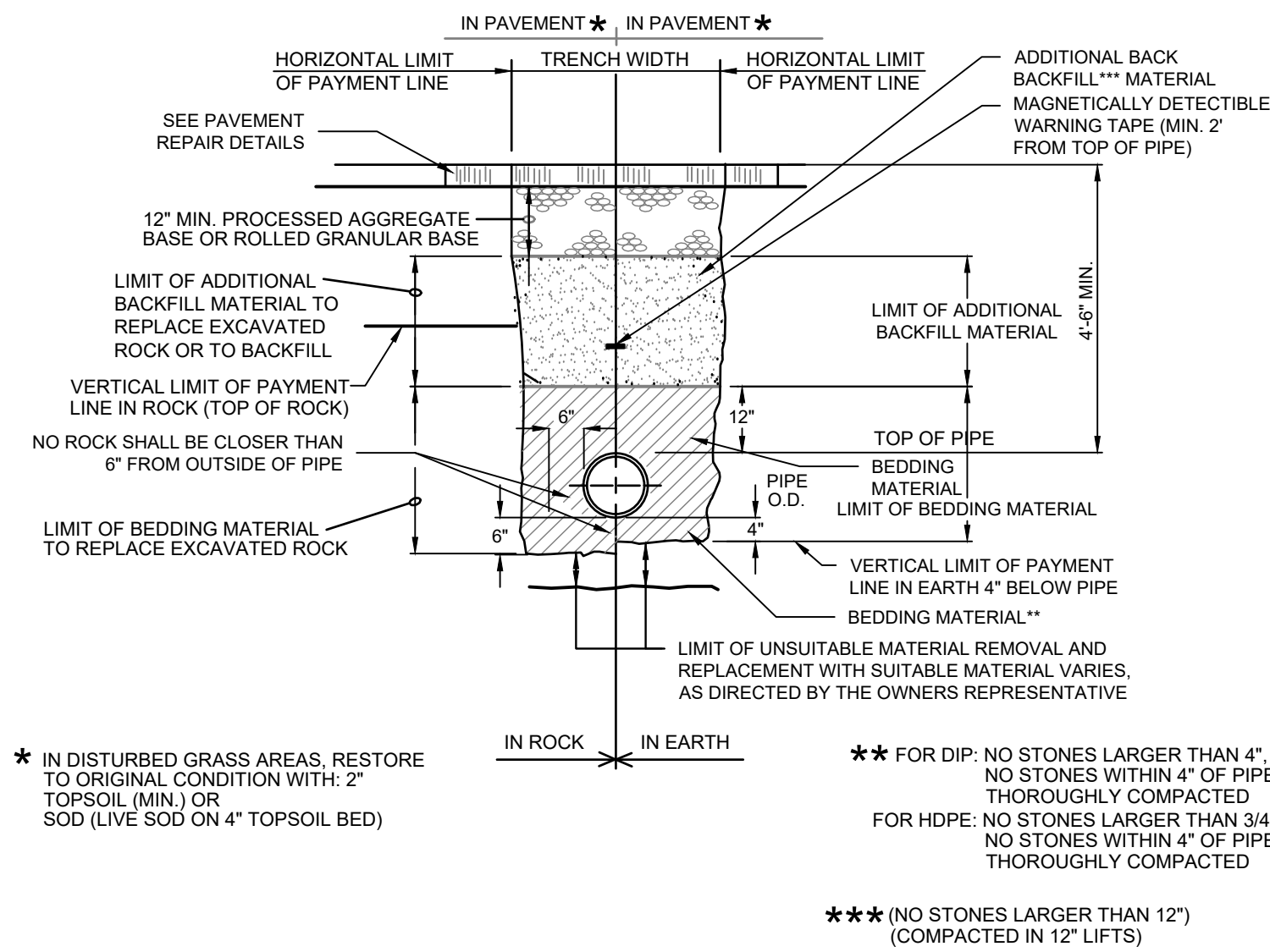
TYPICAL PAVEMENT DETAIL - TOWN ROAD
NOT TO SCALE



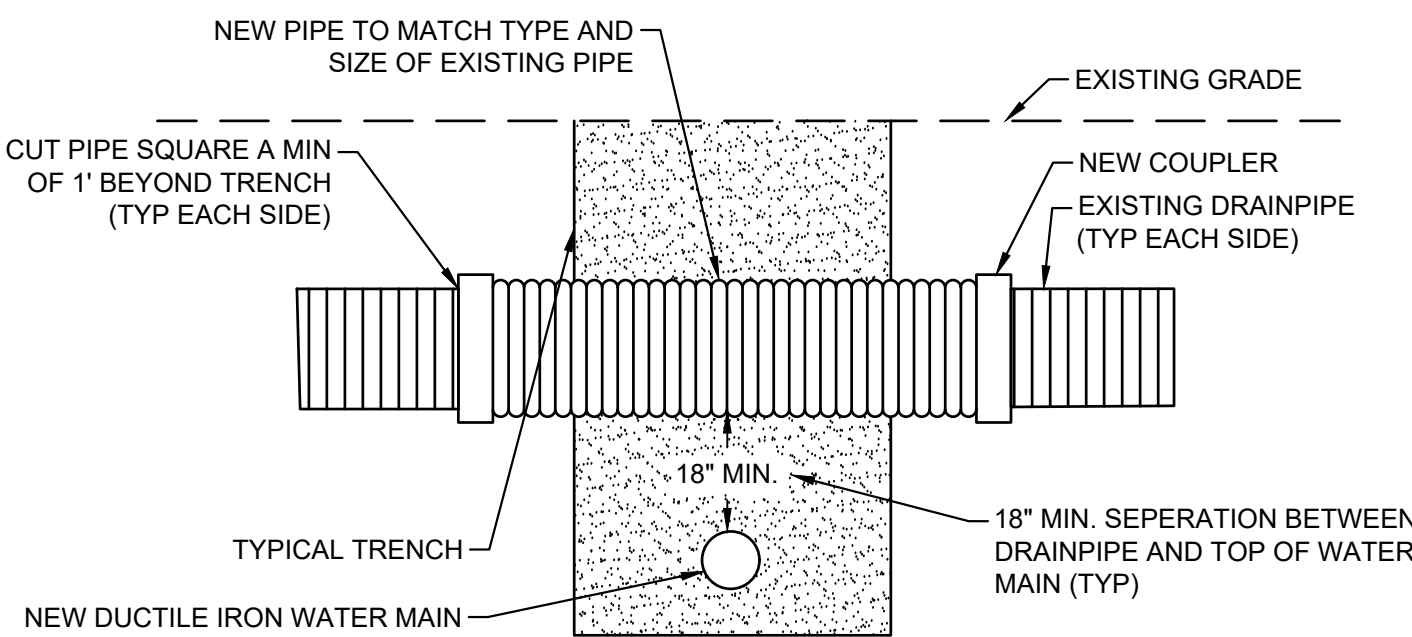
NOTES:

- 2500 PSI CONCRETE TO BE USED
- BLOCK DIMENSIONS ARE BASED UPON SOIL BEARING PRESSURE OF 2000 PSI AND WATER PRESSURE OF 130 PSI. WHERE SOIL BEARING PRESSURE IS LESS OR WATER PRESSURE IS GREATER, A SPECIAL DESIGN WILL BE REQUIRED.
- FOR USE ON ABANDONED LINES AND DEAD ENDS WHERE NO EXTENSION IS CONTINGUOUSLY MAINTAINED.
- ALL THRUST BLOCKS TO BE POURED AGAINST UNDISTURBED EARTH.

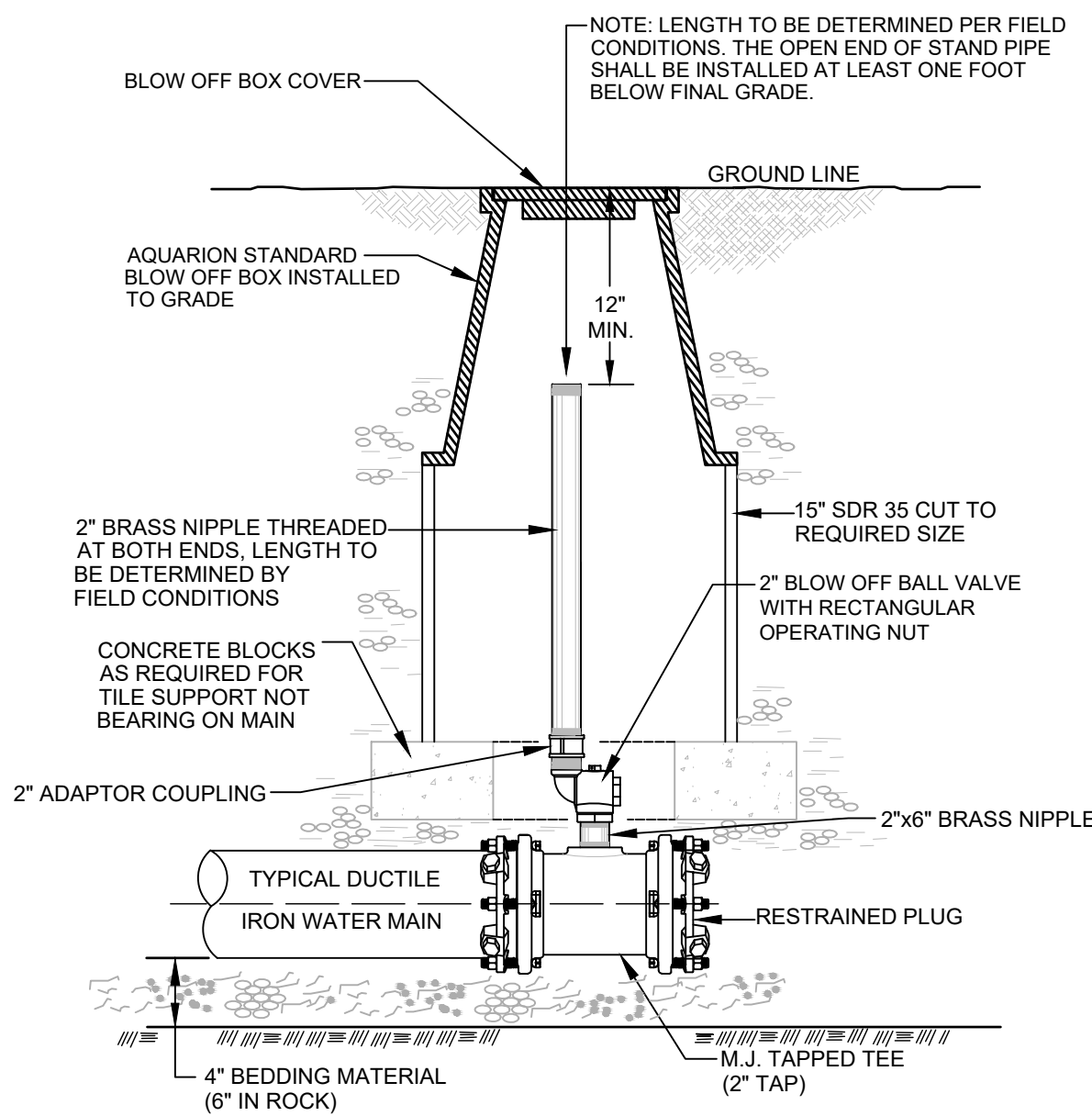
TYPICAL CUT AND CAP DETAIL
NOT TO SCALE



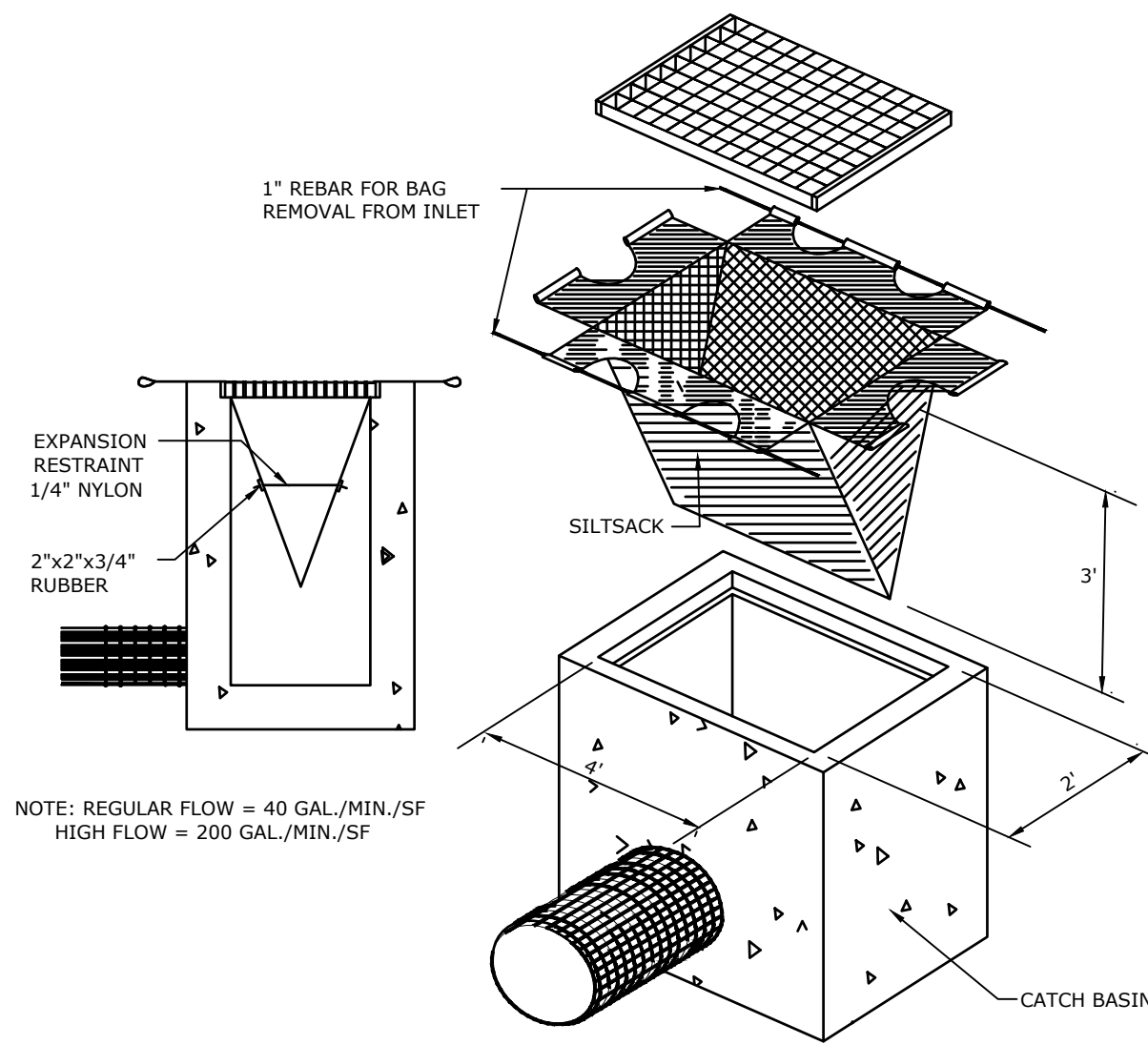
TYPICAL TRENCH DETAIL (AWC SD-1)
NOT TO SCALE



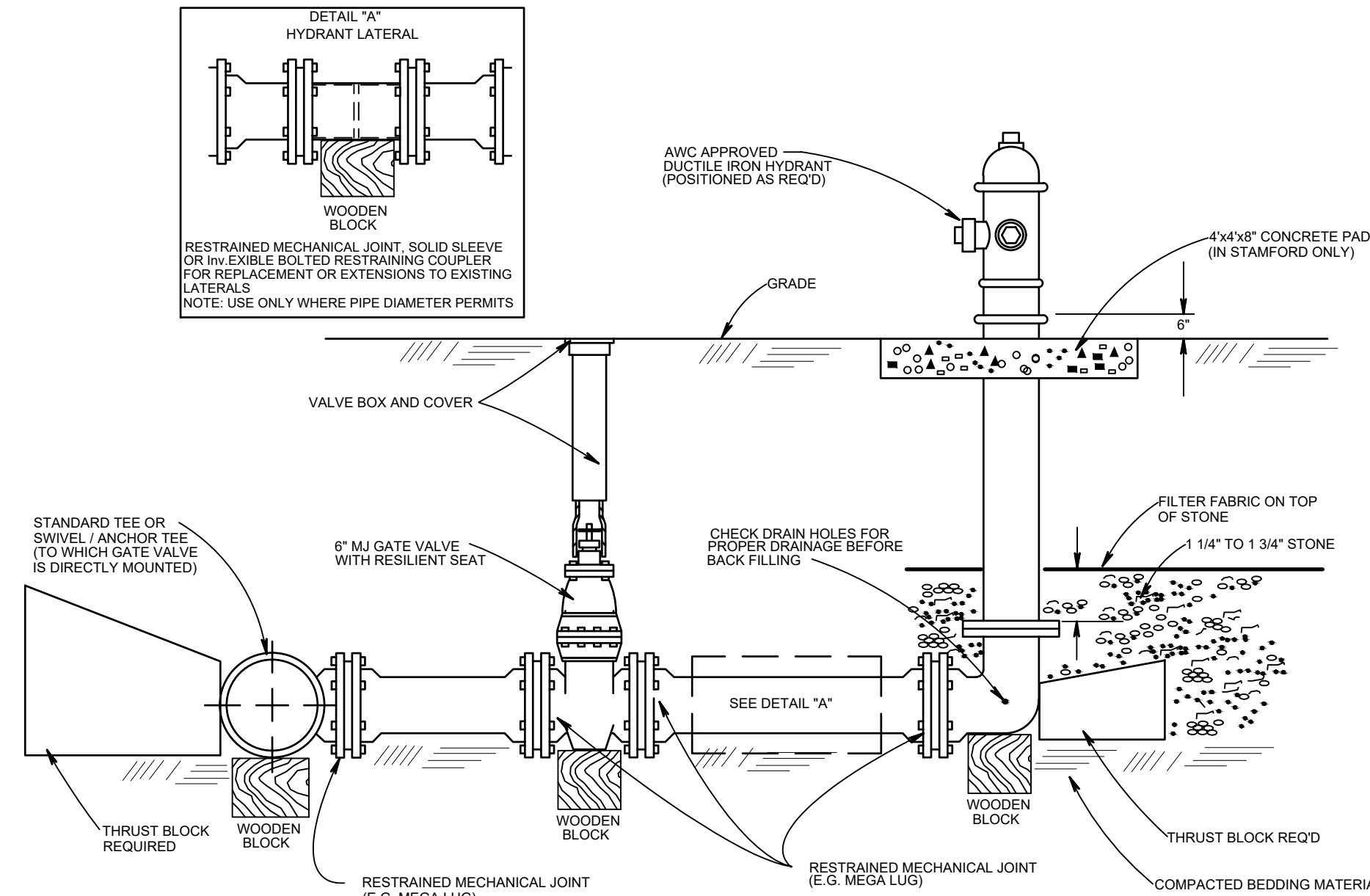
REPAIR OF UNKNOWN STORM DRAIN
NOT TO SCALE



BLOW-OFF AT DEAD END DETAIL (AWC SD-6)
NOT TO SCALE



SILT SACK DETAIL (AWC SD-26)
NOT TO SCALE



HYDRANT ASSEMBLY DETAIL (AWC SD-8)
NOT TO SCALE

THRUST BLOCK INFO		
PIPE SIZE (IN)	MIN. CONC. VOL. (CF)	MIN. BEARING SURFACE (SF)
6	2.5	2
8	4	3.75
10	5.1	5
12	10.8	8.75
16	23	15

POLYETHYLENE ENCASED DUCTILE IRON PIPE RESTRAINT TABLE FOR REDUCERS		
LARGER PIPE SIZE	SMALLER PIPE SIZE	RESTRAINT LENGTH REQUIRED ON LARGER SIDE OF REDUCER
8"	6"	55 FT
10"	6"	90 FT
12"	6"	125 FT
16"	6"	185 FT
10"	8"	50 FT
12"	8"	90 FT
16"	8"	160 FT
12"	10"	50 FT
16"	10"	130 FT
16"	12"	95 FT

POLYETHYLENE ENCASED DUCTILE IRON PIPE RESTRAINT TABLE FOR HORIZONTAL BENDS AND DEAD ENDS					
PIPE SIZE	11-1/4" HORZ. BEND	22-1/2" HORZ. BEND	45" HORZ. BEND	90" HORZ. BEND	DEAD END
6"	5 FT	5 FT	10 FT	25 FT	95 FT
8"	5 FT	10 FT	15 FT	35 FT	120 FT
10"	5 FT	10 FT	20 FT	40 FT	145 FT
12"	5 FT	10 FT	20 FT	45 FT	170 FT
16"	10 FT	15 FT	25 FT	60 FT	220 FT

NOTE:
RESTRAINT LENGTHS CALCULATED BASED ON A TEST PRESSURE OF 130 psi. FOR PRESSURES GREATER THAN 130 psi THE CONTRACTOR SHALL CONSULT THE ENGINEER.

CONTRACT DRAWING

SHEET NO. 2



PORTLAND, CONNECTICUT

CONTRACT
DRAWING

WATER MAIN, PAVEMENT AND EROSION
AND SEDIMENTATION CONTROL
DETAILS

DESIGNED	DRAWN	CHECKED	REVISED
JFD	KPP	DRS	

SCALE: AS SHOWN

2/2/2026 NO CHANGES THIS SHEET

PREPARED FOR:
TOWN OF
RIDGEFIELD

Ridgefield, Connecticut

RIDGEFIELD HIGH SCHOOL
WATER MAIN EXTENSION

Ridgefield, Connecticut

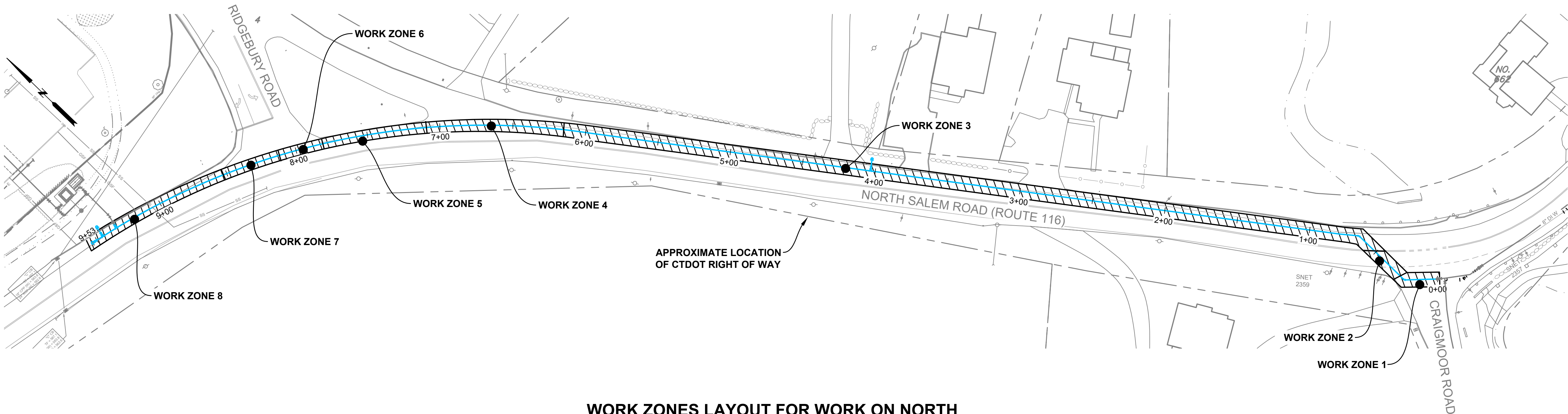
JUNE 2023

SHEET NO. 2 OF 6

JOB NO. RFD-001

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TRAFFIC PLAN TABLE	
TRAFFIC PLAN TYPE	WORK ZONE NO.'S USING PLAN
TYPICAL TRAFFIC PLAN FOR WORK AT THE SIDE OF AN INTERSECTION	1,4,6,7
CLOSURE AT THE SIDE OF AN INTERSECTION	TO BE USED IF TWO 11' LANES CANNOT BE MAINTAINED ON "TYPICAL TRAFFIC PLAN FOR WORK AT THE SIDE OF AN INTERSECTION"
TYPICAL TRAFFIC PLAN FOR WORK IN THE CENTER OF AN INTERSECTION (PLAN 16)	2
CLOSURE IN THE CENTER OF AN INTERSECTION	TO BE USED IF TWO 11' LANES CANNOT BE MAINTAINED ON "TYPICAL TRAFFIC PLAN FOR WORK IN THE CENTER OF AN INTERSECTION"
WORK IN TRAVEL LANE AND SHOULDER TWO LANE HIGHWAY ALTERNATING ONE-WAY TRAFFIC OPERATIONS (PLAN 13)	3,5



WORK ZONES LAYOUT FOR WORK ON NORTH SALEM ROAD (RTE 116)
SCALE: 1" = 40'
0 40' 80'

CONTRACT DRAWING

SHEET NO. 3



SNYDER CIVIL
Engineering, LLC

PORTLAND, CONNECTICUT

CONTRACT

DRAWING

WORK ZONES LAYOUT, TRAFFIC PLAN
STA. 0+00 TO STA. 9+53

SCALE: 1" = 40'

DESIGNED JFD

DRAWN KPP

CHECKED DRS

REVISED
2/2/2026 NO CHANGES THIS SHEET

PREPARED FOR:
TOWN OF
RIDGEFIELD

Ridgefield, Connecticut

RIDGEFIELD HIGH SCHOOL
WATER MAIN EXTENSION

Ridgefield, Connecticut

J U N E 2 0 2 3

SHEET NO. 3 OF 6

JOB NO. R F D - 0 0 1

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PLOTTED: 2/2/2026 11:06 AM BY: Ken Petrolini

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PLOTTED: 2/2/2026 11:06 AM BY: Ken Petrolini

NOTES FOR TRAFFIC CONTROL PLANS

1. IF A TRAFFIC STOPPAGE OCCURS IN ADVANCE OF SIGN (A), THEN AN ADDITIONAL SIGN (A) SHALL BE INSTALLED IN ADVANCE OF THE STOPPAGE.

2. SIGNS (A), (A), AND (D) SHOULD BE OMITTED WHEN THESE SIGNS HAVE ALREADY BEEN INSTALLED TO DESIGNATE A LARGER WORK ZONE THAN THE WORK ZONE THAT IS ENCOMPASSED ON THIS PLAN.

3. SEE TABLE 1 FOR ADJUSTMENT OF TAPERS IF NECESSARY.

4. IF THIS PLAN REMAINS IN CONTINUOUS OPERATION FOR MORE THAN 36 HOURS, THEN TRAFFIC DRUMS SHALL BE USED IN PLACE OF TRAFFIC CONES.

5. ANY LEGAL SPEED LIMIT SIGNS WITHIN THE LIMITS OF A ROADWAY / LANE CLOSURE AREA SHALL BE COVERED WITH AN OPAQUE MATERIAL WHILE THE CLOSURE IS IN EFFECT, AND UNCOVERED WHEN THE ROADWAY / LANE CLOSURE IS RE-OPENED TO ALL LANES OF TRAFFIC.

6. IF THIS PLAN REMAINS IN CONTINUOUS OPERATION FOR MORE THAN 36 HOURS, THEN ANY EXISTING CONFLICTING PAVEMENT MARKINGS SHALL BE ERADICATED OR COVERED, AND TEMPORARY PAVEMENT MARKINGS THAT DELINEATE THE PROPER TRAVELPATHS SHALL BE INSTALLED.

7. DISTANCES BETWEEN SIGNS IN THE ADVANCE WARNING AREA MAY BE REDUCED TO 100' ON LOW-SPEED URBAN ROADS (SPEED LIMIT < 40 MPH).

8. IF THIS PLAN IS TO REMAIN IN OPERATION DURING THE HOURS OF DARKNESS, INSTALL BARRICADE WARNING LIGHTS - HIGH INTENSITY ON ALL POST-MOUNTED DIAMOND SIGNS IN THE ADVANCE WARNING AREA.

9. A CHANGEABLE MESSAGE SIGN SHALL BE INSTALLED ONE HALF TO ONE MILE IN ADVANCE OF THE LANE CLOSURE TAPER.

10. SIGN (P) SHALL BE MOUNTED A MINIMUM OF 7 FEET FROM THE PAVEMENT SURFACE TO THE BOTTOM OF THE SIGN.

TABLE 1 - MINIMUM TAPER LENGTHS

POSTED SPEED LIMIT (MILES PER HOUR)	MINIMUM TAPER LENGTH FOR A SINGLE LANE CLOSURE
30 OR LESS	180' (55m)
35	250' (75m)
40	320' (100m)
45	340' (105m)
50	400' (120m)
55	660' (200m)
65	780' (240m)

METRIC CONVERSION CHART (1" = 25mm)

ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC
12"	300mm	42"	1050mm	72"	1800mm
18"	450mm	48"	1200mm	78"	1950mm
24"	600mm	54"	1350mm	84"	2100mm
30"	750mm	60"	1500mm	90"	2250mm
36"	900mm	66"	1650mm	96"	2400mm

CONSTRUCTION TRAFFIC CONTROL PLAN

NOTES

CONNECTICUT DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING & CONSTRUCTION

APPROVED:
PRINCIPAL ENGINEER

Charles S. Hester
2012.06.05 15:55:45-04'00'

WORK IN MIDDLE OF ROADWAY
TWO LANE HIGHWAY

SIGN FACE
72 SQ. FT. (MIN.)

ADVANCE WARNING AREA

TRANSITION AREA

ACTIVITY WORK AREA

TERMINATION AREA

SHOULDER

SHOULDER

WORK AREA

TRANSITION AREA

ADVANCE WARNING AREA

80-9612

31-1526

80-9603

31-1906

CONSTRUCTION TRAFFIC CONTROL PLAN

PLAN 16

SEE NOTES 1, 2, 4, 6, 7, 8

CONNECTICUT DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING & CONSTRUCTION

APPROVED:
PRINCIPAL ENGINEER

Charles S. Hester
2012.06.05 15:56:59-04'00'

WORK IN MIDDLE OF ROADWAY AT INTERSECTION

SIGN FACE
144 SQ. FT. (MIN.)

ADVANCE WARNING AREA

TRANSITION AREA

ACTIVITY WORK AREA

TERMINATION AREA

SHOULDER

SHOULDER

WORK AREA

TRANSITION AREA

ADVANCE WARNING AREA

80-9612

31-1526

80-9603

31-1906

CONSTRUCTION TRAFFIC CONTROL PLAN

PLAN 17

SEE NOTES 1, 2, 4, 6, 7, 8

CONNECTICUT DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING & CONSTRUCTION

APPROVED:
PRINCIPAL ENGINEER

Charles S. Hester
2012.06.05 15:58:59-04'00'

CLOSURE AT THE SIDE OF AN INTERSECTION

NOT TO SCALE

ADVANCE WARNING AREA

TRANSITION AREA

ACTIVITY WORK AREA

TERMINATION AREA

SHOULDER

SHOULDER

WORK AREA

TRANSITION AREA

ADVANCE WARNING AREA

80-9612

31-1526

80-9603

31-1906

CONSTRUCTION TRAFFIC CONTROL PLAN

PLAN 18

SEE NOTES 1, 2, 4, 6, 7, 8

CONNECTICUT DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING & CONSTRUCTION

APPROVED:
PRINCIPAL ENGINEER

Charles S. Hester
2012.06.05 15:59:59-04'00'

Notes for Figure 6H-27—Typical Application 27
Closure at the Side of an Intersection

Guidance:

1. The situation depicted can be simplified by closing one or more of the intersection approaches. If this cannot be done, and/or when capacity is a problem, through vehicular traffic should be directed to other roads or streets.

2. Depending on road user conditions, flagger(s) or uniformed law enforcement officer(s) should be used to direct road users within the intersection.

Standard:

3. At night, flagger stations shall be illuminated, except in emergencies.

Option:

4. Flashing warning lights and/or flags may be used to call attention to the advance warning signs.

5. For short-duration work operations, the channelizing devices may be eliminated if a vehicle displaying high-intensity rotating, flashing, oscillating, or strobe lights is positioned in the work space.

6. A BE PREPARED TO STOP sign may be added to the sign series.

Guidance:

7. When used, the BE PREPARED TO STOP sign should be located before the Flagger symbol sign.

8. ONE LANE ROAD AHEAD signs should also be used to provide adequate advance warning.

Support:

9. Turns can be prohibited as required by vehicular traffic conditions. Unless the streets are wide, it might be physically impossible to make certain turns, especially for large vehicles.

Option:

10. Vehicle hazard warning signals may be used to supplement high-intensity rotating, flashing, oscillating, or strobe lights.

Standard:

11. Vehicle hazard warning signals shall not be used instead of the vehicle's high-intensity rotating, flashing, oscillating, or strobe lights.

WORK IN TRAVEL LANE AND SHOULDER
TWO LANE HIGHWAY
ALTERNATING ONE-WAY TRAFFIC OPERATIONS

SIGN FACE
108 SQ. FT. (MIN.)

ADVANCE WARNING AREA

TRANSITION AREA

ACTIVITY WORK AREA

TERMINATION AREA

SHOULDER

SHOULDER

WORK AREA

TRANSITION AREA

ADVANCE WARNING AREA

80-9612

80-9950

80-9803

80-9834

80-9603

31-1906

CONSTRUCTION TRAFFIC CONTROL PLAN

PLAN 13 - SHEET 2 OF 2

SEE NOTES 1, 2, 4, 6, 7, 8

CONNECTICUT DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING & CONSTRUCTION

APPROVED:
PRINCIPAL ENGINEER

Charles S. Hester
2012.06.05 15:55:45-04'00'

WORK IN TRAVEL LANE AND SHOULDER
TWO LANE HIGHWAY
ALTERNATING ONE-WAY TRAFFIC OPERATIONS

SIGN FACE
108 SQ. FT. (MIN.)

ADVANCE WARNING AREA

TRANSITION AREA

ACTIVITY WORK AREA

TERMINATION AREA

SHOULDER

SHOULDER

WORK AREA

TRANSITION AREA

ADVANCE WARNING AREA

80-9612

80-9950

80-9803

80-9834

80-9603

31-1906

CONSTRUCTION TRAFFIC CONTROL PLAN

PLAN 13 - SHEET 1 OF 2

SEE NOTES 1, 2, 4, 6, 7, 8

CONNECTICUT DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING & CONSTRUCTION

APPROVED:
PRINCIPAL ENGINEER

Charles S. Hester
2012.06.05 15:55:45-04'00'

CONTRACT DRAWING

SHEET NO. 4

PORTLAND, CONNECTICUT

CONTRACT
DRAWING

MAINTENANCE AND PROTECTION
OF TRAFFIC PLAN NOTES AND DETAILS

DESIGNED JFD
DRAWN KPP
CHECKED DRS
REVISED 2/22/2026 NO CHANGES THIS SHEET

PREPARED FOR:
TOWN OF
RIDGEFIELD
Ridgefield, Connecticut

RIDGEFIELD HIGH SCHOOL
WATER MAIN EXTENSION

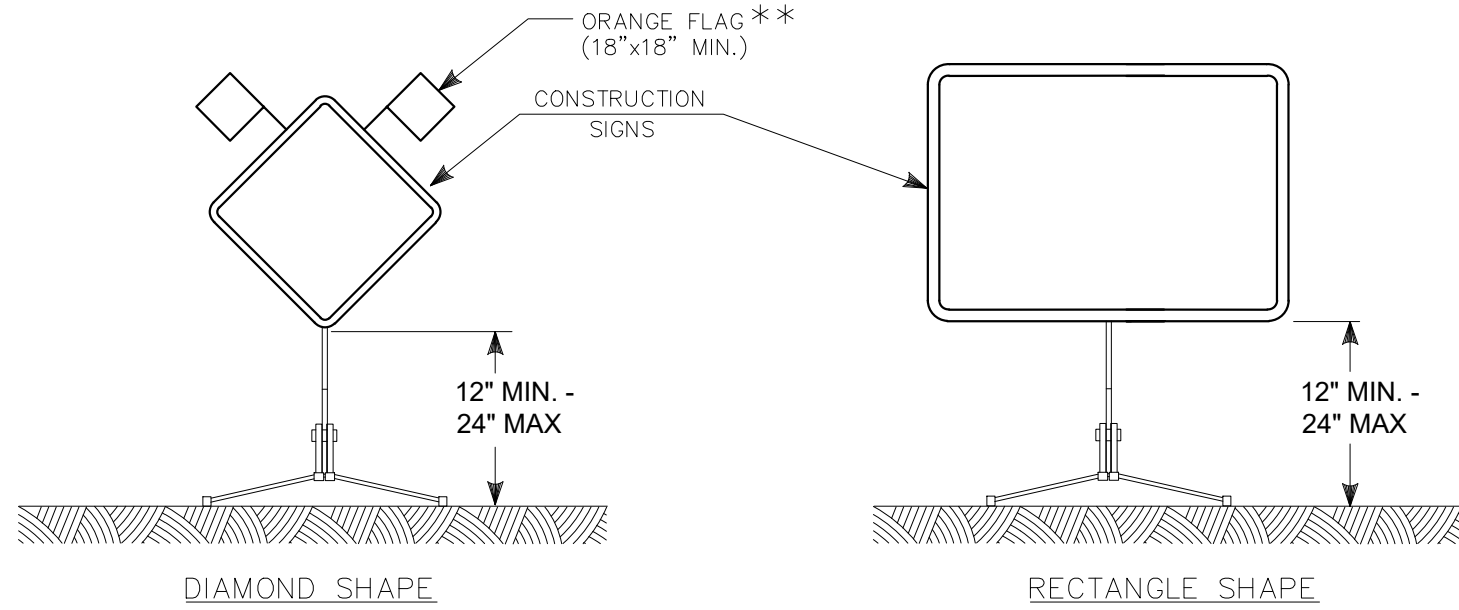
Ridgefield, Connecticut

JUNE 2023
SHEET NO. 4 OF 6
JOB NO. R.F.D - 001

CAD FILE: Y:\Aquarion Job Folder\AWC-221.01 Craigmoor System Water Main Interconnection\02 Design\Drawings\AWC-221.01-01 Craigmoor Interconnection Review Drawing.dwg PLOTTED: 2/2/2026 1:06 AM BY: Ken Petriti

TRAFFIC CONTROL NOTES:

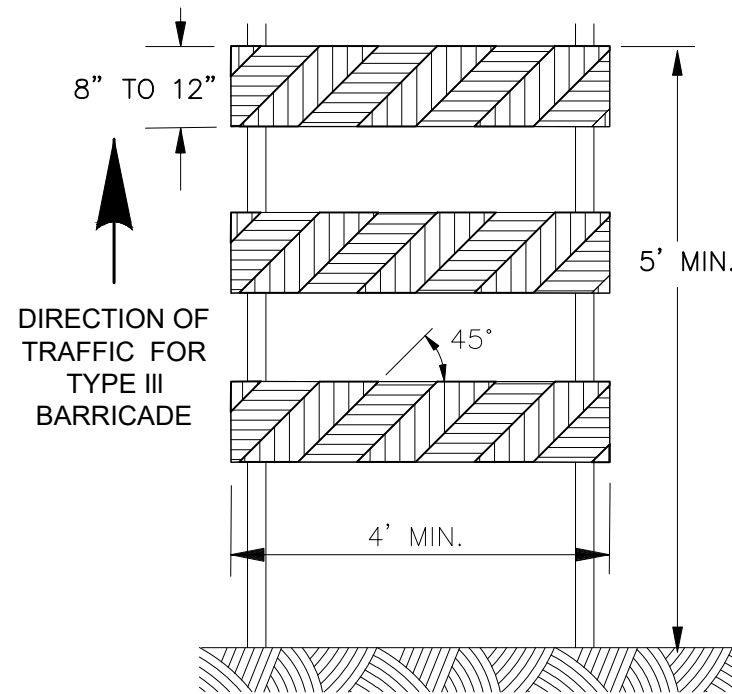
1. THE CONTRACTOR SHALL PROVIDE ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES.
2. CONTRACTOR TO BAG OR REMOVE ALL SIGNS WHEN THEY ARE NOT NEEDED.
3. THE CONTRACTOR SHALL MAINTAIN ACCESS TO PROPERTIES.
4. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN CROSSINGS AT INTERSECTIONS.
5. THE CONTRACTOR WILL BE RESPONSIBLE FOR OBTAINING PERMITS FROM THE MUNICIPALITY AND/OR CONNECTICUT DEPARTMENT OF TRANSPORTATION (CTDOT).
6. UNIFORMED POLICE OFFICERS MAY BE REQUIRED FOR TRAFFIC CONTROL.
7. TEMPORARY TRAFFIC CONTROL ON STATE ROADWAYS SHALL CONFORM TO CTDOT CONSTRUCTION TRAFFIC CONTROL PLANS.
8. CONSTRUCTION SIGNS SHALL BE ENCAPSULATED LENS REFLECTIVE SHEETING AND SHALL CONFORM TO SECTION 12.20 OF THE CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION FORM 818. SIGNS MAY BE MOUNTED ON EITHER METAL SIGN POSTS OR PORTABLE SIGN SUPPORTS.
9. THE CONTRACTOR SHALL RELOCATE AND/OR REMOVE SIGNS, PAVEMENT MARKINGS, BARRIERS, DELINEATORS, ETC. AS THE WORK PROGRESSES.
10. THE CONTRACTOR SHALL COVER ALL CONFLICTING PAVEMENT MARKINGS WITH PREFORMED BLACK LINE MASK PAVEMENT MARKING TAPE AND SHALL REMOVE WHEN NO LONGER APPLICABLE (UNLESS OTHERWISE SPECIFIED WITHIN THE CONTRACT DOCUMENTS).
11. UPON COMPLETION OF THE SURFACE PAVEMENT RESTORATION, THE CONTRACTOR SHALL FURNISH AND INSTALL PERMANENT PAVEMENT MARKINGS (I.E. CENTERLINES, LANE LINES, STOP BARS, CROSSWALKS, BUS/BICYCLE LANE MARKINGS, ETC.) INTERIM TEMPORARY MARKINGS MAY BE REQUIRED.
12. LOCATIONS FOR CONSTRUCTION SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED AS DIRECTED BY THE OWNER AND PLACED APPROPRIATELY FOR FIELD CONDITIONS.
13. CONE SPACING AND TAPER LENGTHS MAY NEED TO BE ADJUSTED TO MEET FIELD CONDITIONS.
14. TRAFFIC CONES SHALL BE 42 INCHES IN HEIGHT.
15. EXISTING SIGNS IN CONFLICT WITH TEMPORARY SIGNS SHALL BE COVERED.
16. CONTRACTOR SHALL MAINTAIN SIDEWALK ACCESS ON AT LEAST ONE SIDE OF THE STREET.
17. CONTRACTOR TO MAINTAIN ACCESS FOR ANY SCHOOL BUS OR PUBLIC BUS AND COORDINATE WITH LOCAL PROVIDERS, AS NECESSARY.
18. ALL COMMERCIAL AND PRIVATE DRIVES MUST REMAIN OPEN. IF DURING CONSTRUCTION, ACCESS TO THE AFFECTED BUSINESS IS NOT APPARENT, ADDITIONAL SIGNS (I.E. BUSINESS ACCESS) MAY BE REQUIRED.
19. TRAFFIC CONTROL PERSONS TO HAVE WALKIE TALKIES WHEN WORK ZONE IS IN A CURVE OR THERE ARE SIGHT DISTANCE RESTRICTIONS.
20. THE CONTRACTOR SHALL MAINTAIN TRAFFIC CONTROL MEASURES AT ALL TIMES.
21. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE AND MAINTAIN PEDESTRIAN WALKWAYS WHERE EXISTING WALKWAYS ARE IN CLOSE PROXIMITY TO EXCAVATIONS OR WORK AREAS OR ARE OTHERWISE OBSTRUCTED PER SECTION 01570 OF THE PROJECT MANUAL.
22. CONTRACTOR SHALL NOTIFY CONNECTICUT TRANSIT PRIOR TO IMPLEMENTING DETOURS. THE CONTRACTOR SHALL COORDINATE WITH CT TRANSIT TWO WEEKS IN ADVANCE OF IMPACTING STOP LOCATIONS.
23. CONTRACTOR SHALL INSTALL NEW TRAFFIC DETECTOR LOOPS WHERE EXISTING LOOPS ARE DISTURBED DURING CONSTRUCTION.
24. WORK ZONE SIZES ARE SHOWN AS APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION TO ENSURE ADEQUATE SPACE FOR REQUIRED EQUIPMENT.
25. THE CONTRACTOR SHALL RELOCATE AND/OR REMOVE SIGNS AND OTHER TRAFFIC CONTROL DEVICES AS THE WORK PROGRESSES.
26. CONTRACTOR SHALL NOTIFY THE MUNICIPALITY INCLUDING FIRE AND POLICE AT LEAST TWO WEEKS PRIOR TO A ROAD CLOSURE.



NOTES FOR PORTABLE SIGN SUPPORTS:

1. SIGNS AND THEIR PORTABLE SUPPORTS SHALL CONFORM TO THE REQUIREMENTS OF NCHRP REPORT 350 (TL-3) AND THE LATEST EDITION OF THE MUTCD.
2. MOUNTING HEIGHT OF SIGNS SHALL BE A MINIMUM OF 12" AND A MAXIMUM OF 24". SIGNS SHALL BE MOUNTED HIGHER AS NEEDED TO MEET FIELD CONDITIONS OR AS DIRECTED BY THE OWNER.
3. THE TOWN RESERVES THE RIGHT TO REJECT ANY SUPPORT DEEMED UNSUITABLE FOR THE PURPOSE INTENDED.
4. PORTABLE SIGN SUPPORTS SHALL BE STABILIZED IN A MANNER THAT WILL NOT AFFECT THEIR COMPLIANCE WITH NCHRP REPORT 350 (TL-3). SIGNS NEED TO BE STABILIZED AS NEEDED, WHICH MAY INCLUDE SAND BAGS OR OTHER WEIGHTED DEVICES.
5. ROLL-UP SIGNS ARE PERMITTED FOR SHORT DURATION WORK ZONES (LESS THAN 1 HOUR).
6. USE 48" SIGNS ON ARTERIAL ROADWAYS WHEN FEASIBLE.

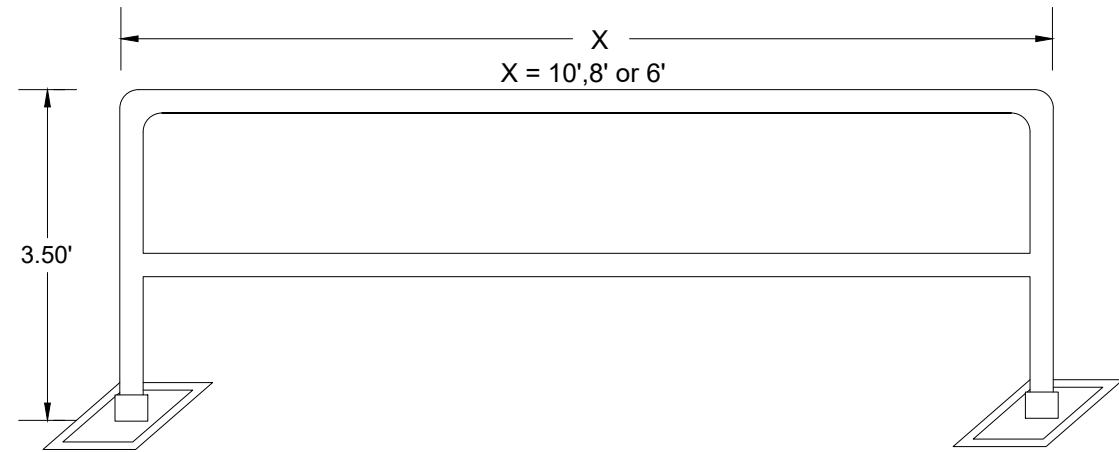
CONSTRUCTION SIGNS
NOT TO SCALE



NOTES:

1. CONSTRUCTION BARRICADES SHALL CONFORM TO THE REQUIREMENTS OF NCHRP REPORT 350 (TL-3) AND THE LATEST EDITION OF THE MUTCD.
2. MARKINGS FOR BARRICADE RAILS SHALL BE ALTERNATE ORANGE AND WHITE STRIPES SLOPING DOWNWARD IN THE DIRECTION TRAFFIC IS TO PASS. 6" WIDE STRIPES SHALL BE USED.
3. THE TOWN RESERVES THE RIGHT TO REJECT ANY BARRICADE DEEMED UNSUITABLE FOR THE PURPOSE INTENDED.
4. CORNERS OF BARRICADE RAILS SHALL BE ROUNDED.
5. THE ENTIRE AREA OF ORANGE AND WHITE STRIPES SHALL BE RETROREFLECTIVE SHEETING AS REQUIRED IN THE SPECIFICATIONS.

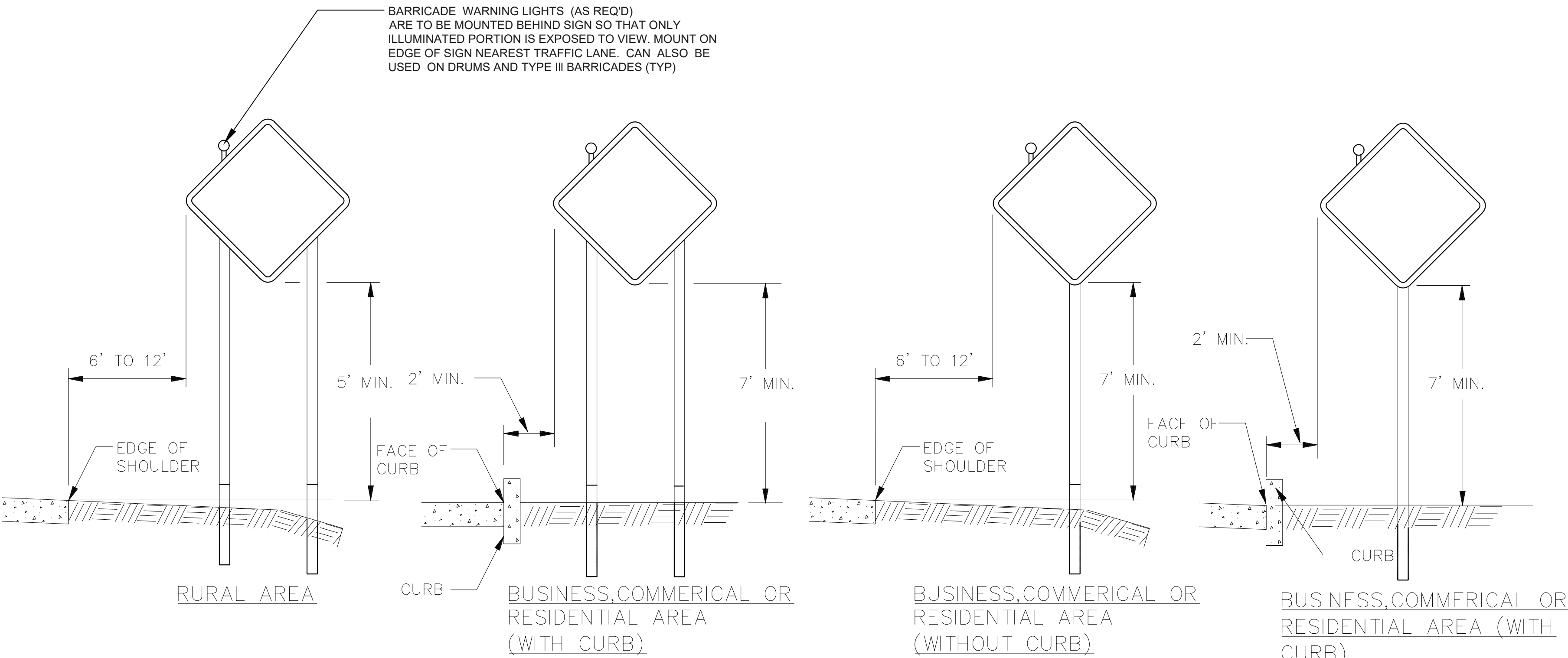
TYPE III BARRICADE
NOT TO SCALE



NOTES:

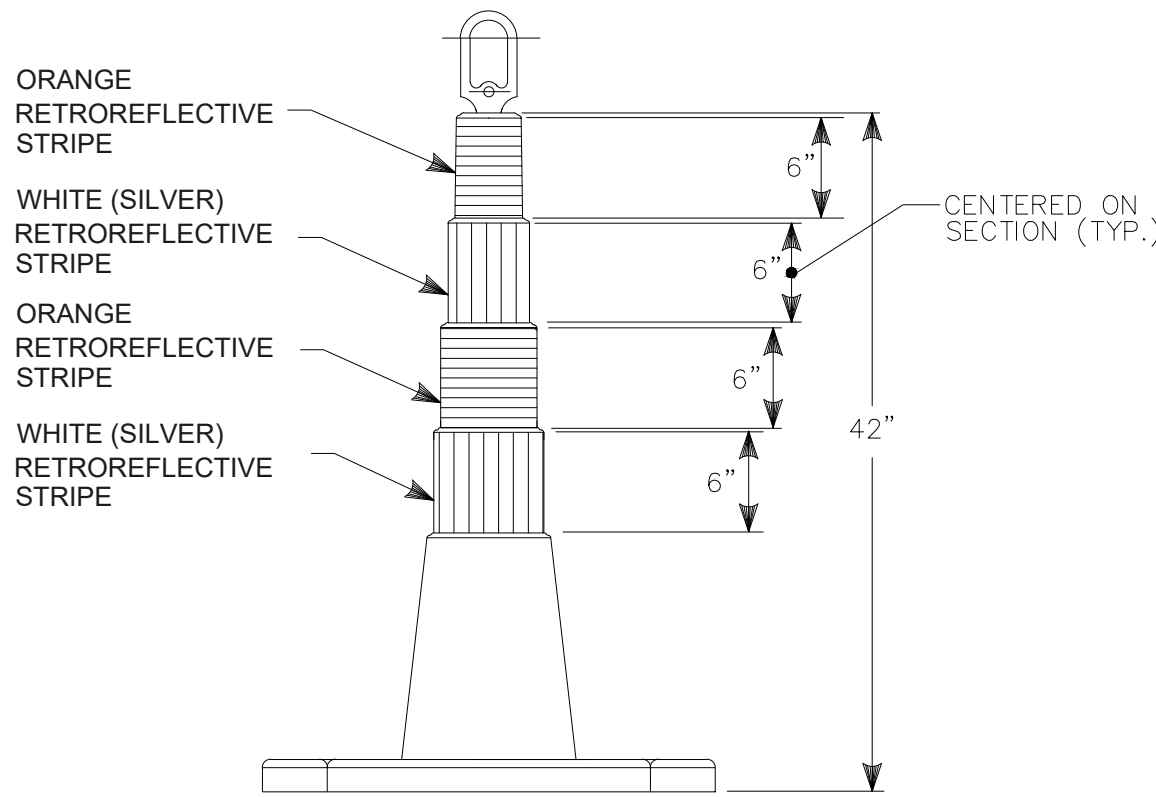
1. PEDESTRIAN GUIDE RAILS SHALL BE FREE STANDING, PORTABLE MEET ALL APPLICABLE OSHA AND ANSI STANDARDS.
2. PEDESTRIAN GUIDE RAILS SHALL BE POWDER COATED YELLOW.
3. PEDESTRIAN GUIDE RAIL BASE PLATES SHALL BE HOT DIPPED GALVANIZED FOR DURABILITY AND BE SKID RESISTANT.

PEDESTRIAN GUIDE RAIL
NOT TO SCALE



- NOTES:
1. SUPPORTS SHALL BE METAL SIGN POSTS AND HAVE BREAK-AWAY FEATURES.

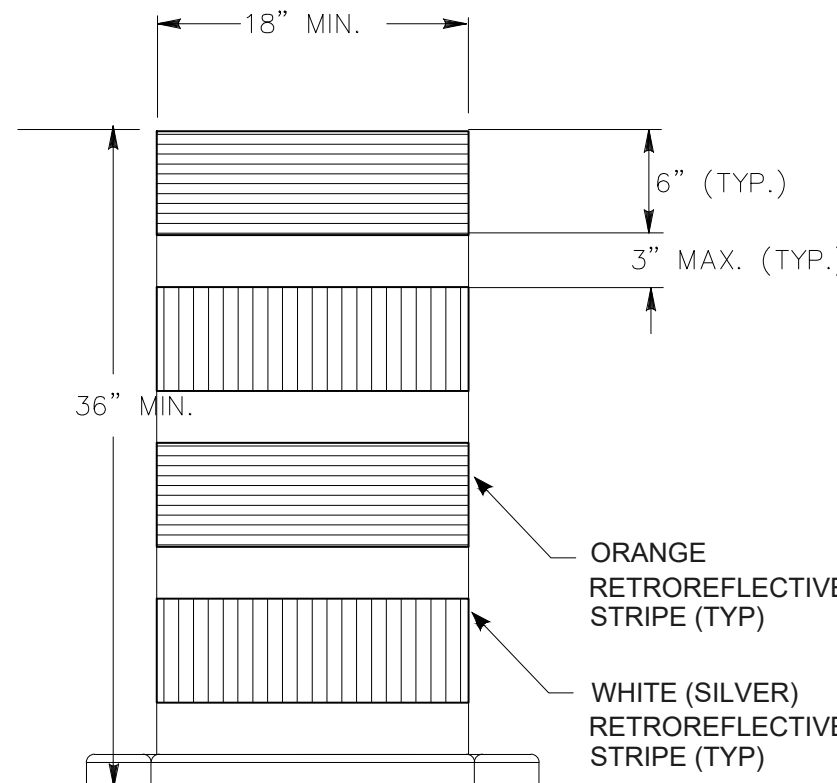
PLACEMENT OF CONSTRUCTION SIGNS
TYPICAL LONG TERM INSTALLATION
NOT TO SCALE



NOTES:

1. TRAFFIC CONES SHALL CONFORM TO THE REQUIREMENTS OF NCHRP REPORT 350 (TL-3) AND THE LATEST EDITION OF THE MUTCD.
2. IF RUBBER CONES ARE USED, THEY SHALL HAVE INTERIOR RIBS FOR RIGIDITY.
3. IF PLASTIC CONES ARE USED, THEY SHALL BE COLOR IMPREGNATED.
4. THE TOWN RESERVES THE RIGHT TO REJECT ANY CONES DEEMED UNSUITABLE FOR THE PURPOSE INTENDED.

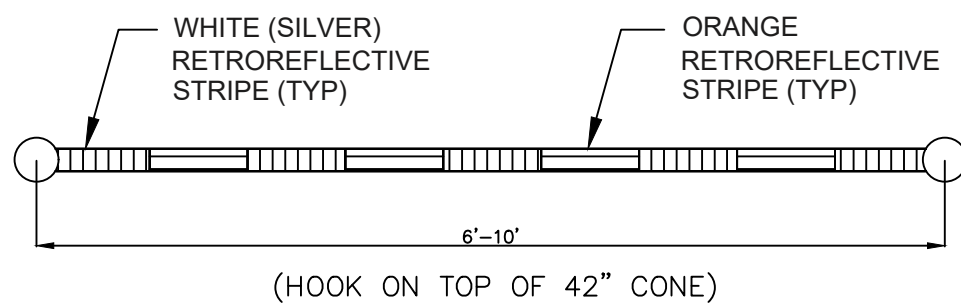
42" TRAFFIC CONE
NOT TO SCALE



NOTES:

1. TRAFFIC DRUM SHALL CONFORM TO THE REQUIREMENTS OF NCHRP REPORT 350 (TL-3) AND THE LATEST EDITION OF THE MUTCD.
2. THE TOWN RESERVES THE RIGHT TO REJECT ANY DRUM DEEMED UNSUITABLE FOR THE PURPOSE INTENDED.
3. THE ENTIRE AREA OF ORANGE AND WHITE STRIPES SHALL BE RETROREFLECTIVE SHEETING AS REQUIRED IN THE SPECIFICATIONS.
4. THE SECTIONS OF DRUMS NOT COVERED WITH RETROREFLECTIVE STRIPES SHALL BE ORANGE.

TRAFFIC DRUM
NOT TO SCALE



TRAFFIC CONE BAR
NOT TO SCALE

CONTRACT DRAWING

SHEET NO. 5



PORTLAND, CONNECTICUT

CONTRACT
DRAWING

CONSTRUCTION SIGNS, BARRICADES,
CONES AND DRUMS DETAILS

DESIGNED JFD	DRAWN KPP	CHECKED DRS	REVISED 2/2/2026 NO CHANGES THIS SHEET
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PREPARED FOR:

TOWN OF
RIDGEFIELD

Ridgefield, Connecticut

RIDGEFIELD HIGH SCHOOL
WATER MAIN EXTENSION

Ridgefield, Connecticut

J U N E 2 0 2 3

SHEET NO. 5 OF 6

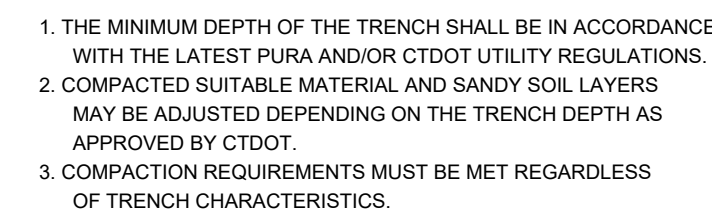
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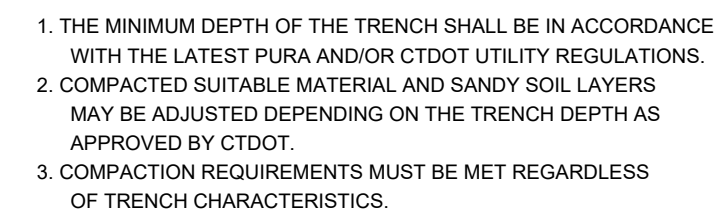
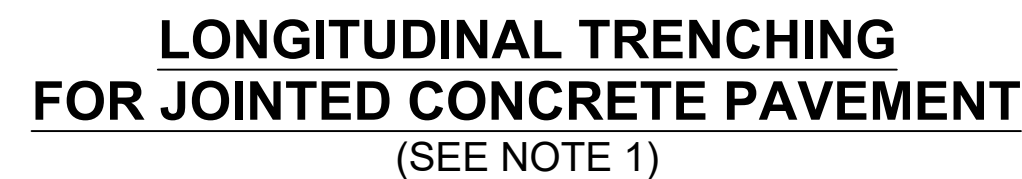
TABLE 1	
TOTAL SLAB LENGTH (L)	MIN. LENGTH REMAINING
40' OR LONGER	1/4 L
15' - 40'	10'-0"
15' OR SHORTER	REBUILD TO NEAREST JOINT

ROADWAY PROFILE

NOT TO SCALE



TRENCH FOR PIPES OR STRUCTURES 6" OR GREATER

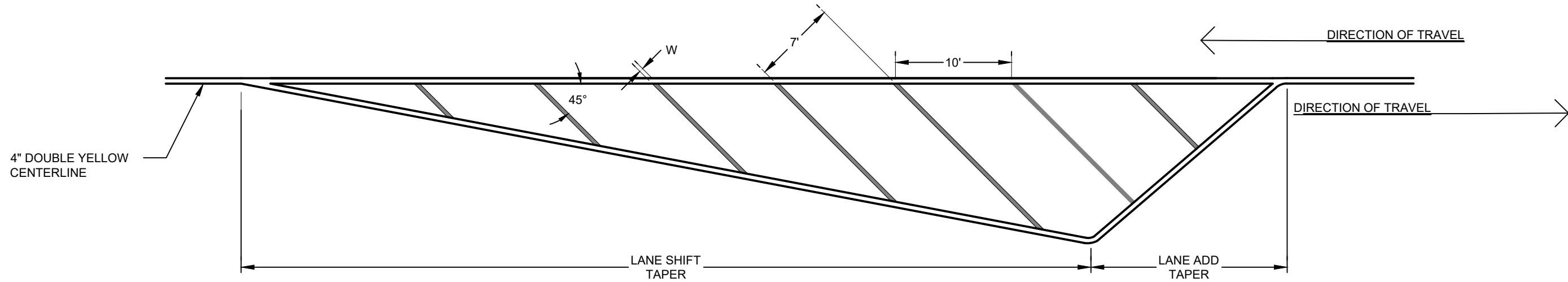
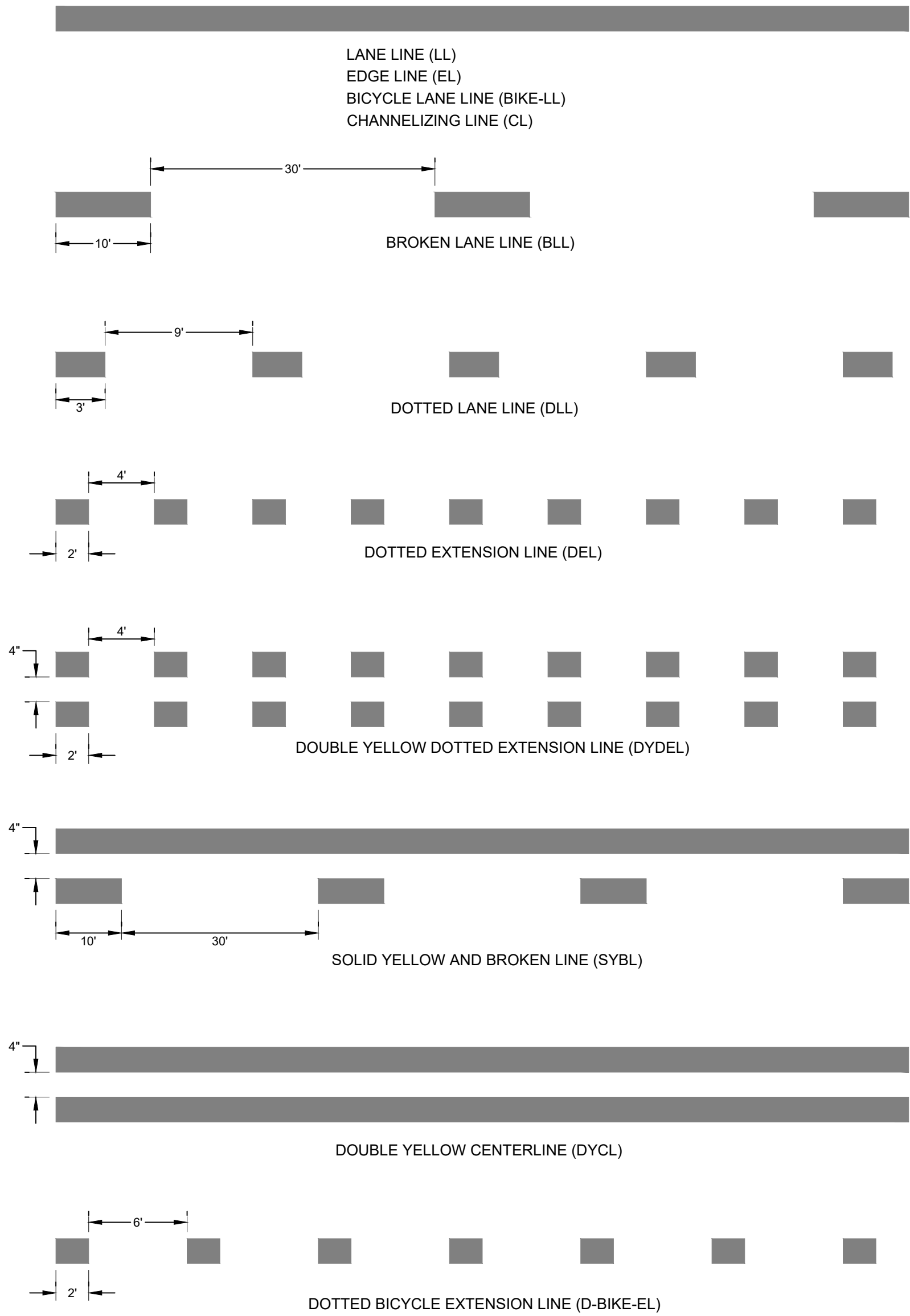


TRENCH FOR PIPES OR STRUCTURES LESS THAN 6"

CONTRACT DRAWING

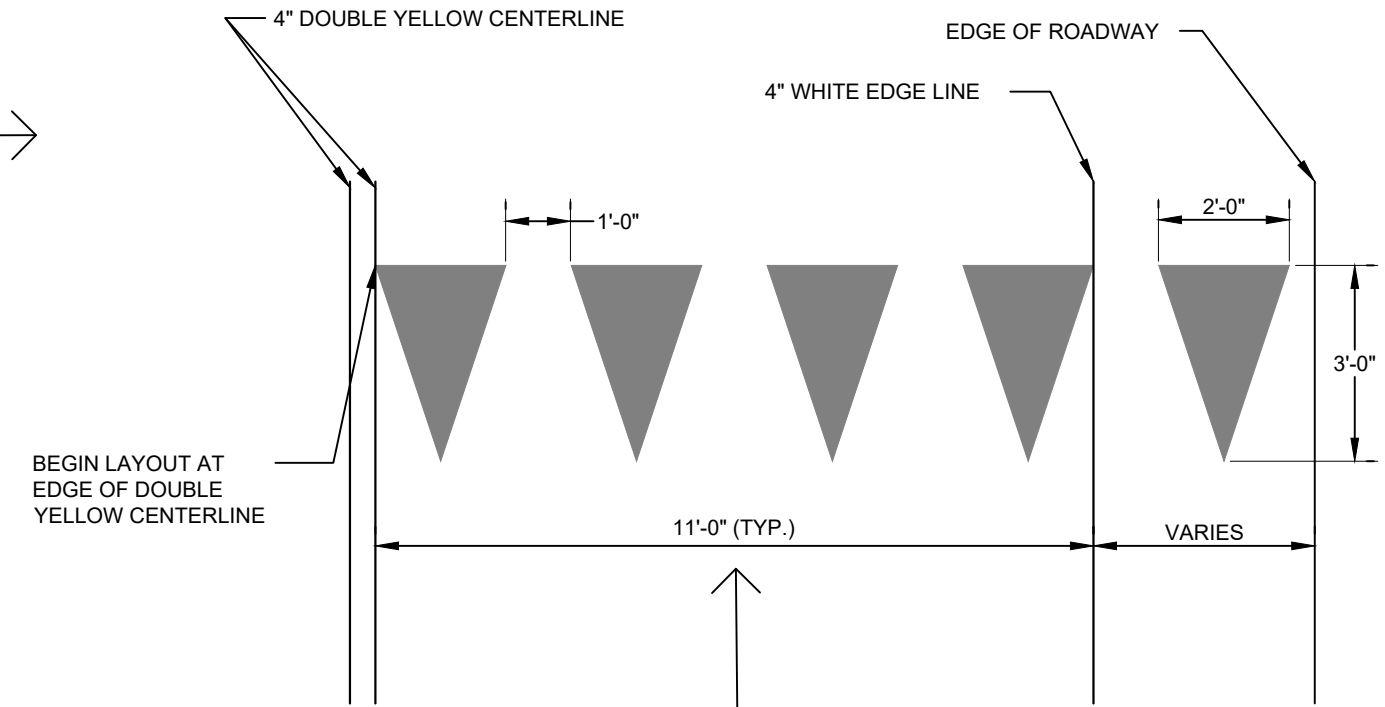
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SOURCE: CTDOT TR-1210_04 AND MUTCD

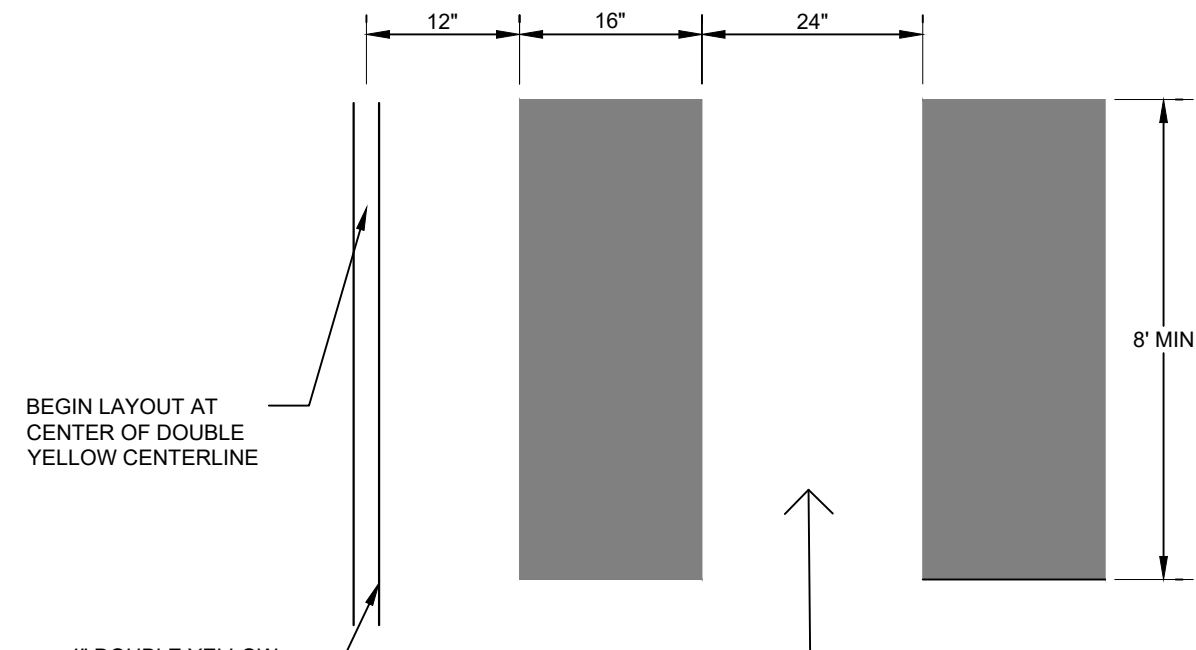


CROSS HATCHED ISLAND DETAIL
(YELLOW)

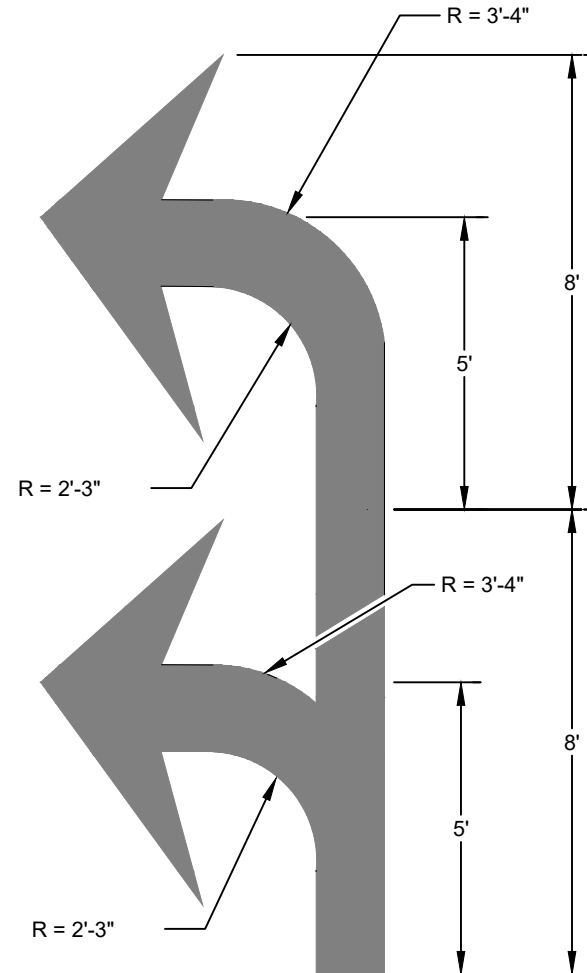
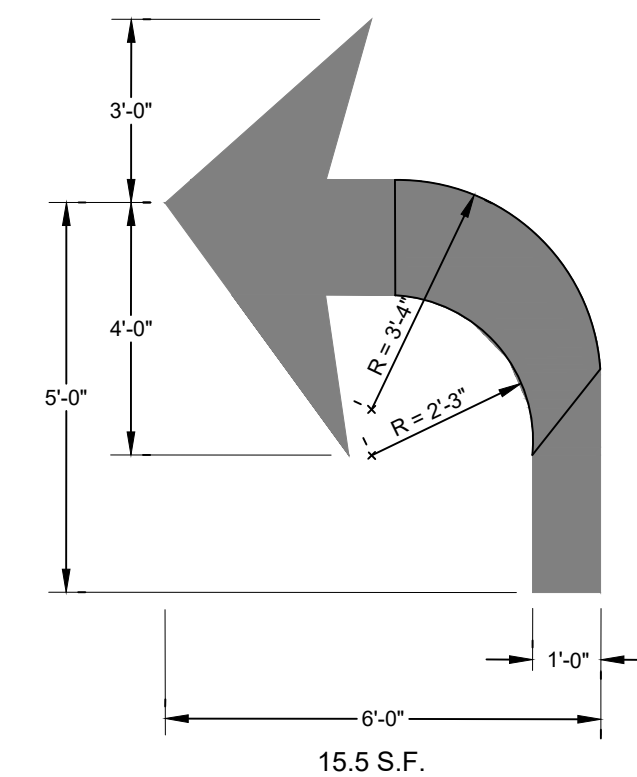
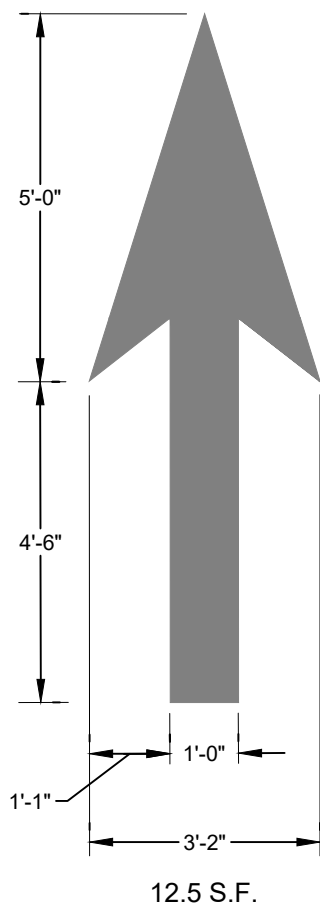
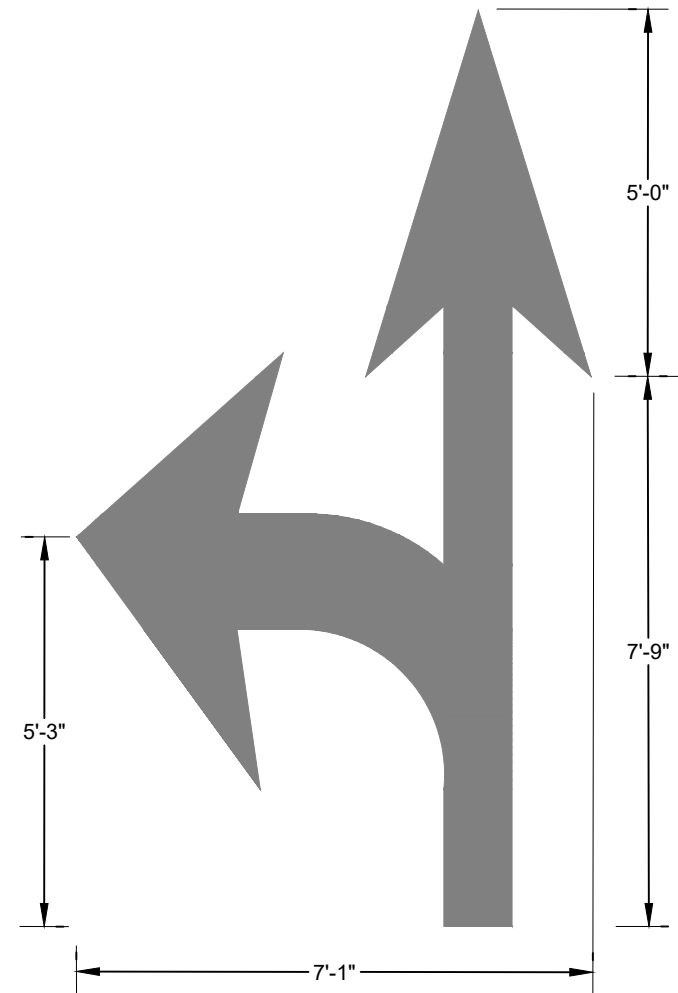
W IS TO BE 6" WHEN POSTED SPEED \leq 45 MPH
W IS TO BE 12" WHEN POSTED SPEED $>$ 45 MPH
CROSS HATCHED ISLANDS ARE TO BE INSTALLED WHERE CALLED FOR ON THE PLANS



YIELD LINE DETAIL
(WHITE)

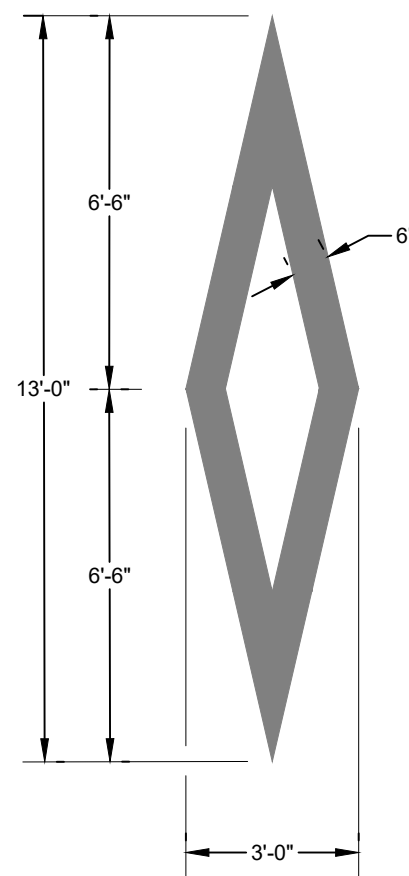


CROSSWALK DETAIL
(WHITE)

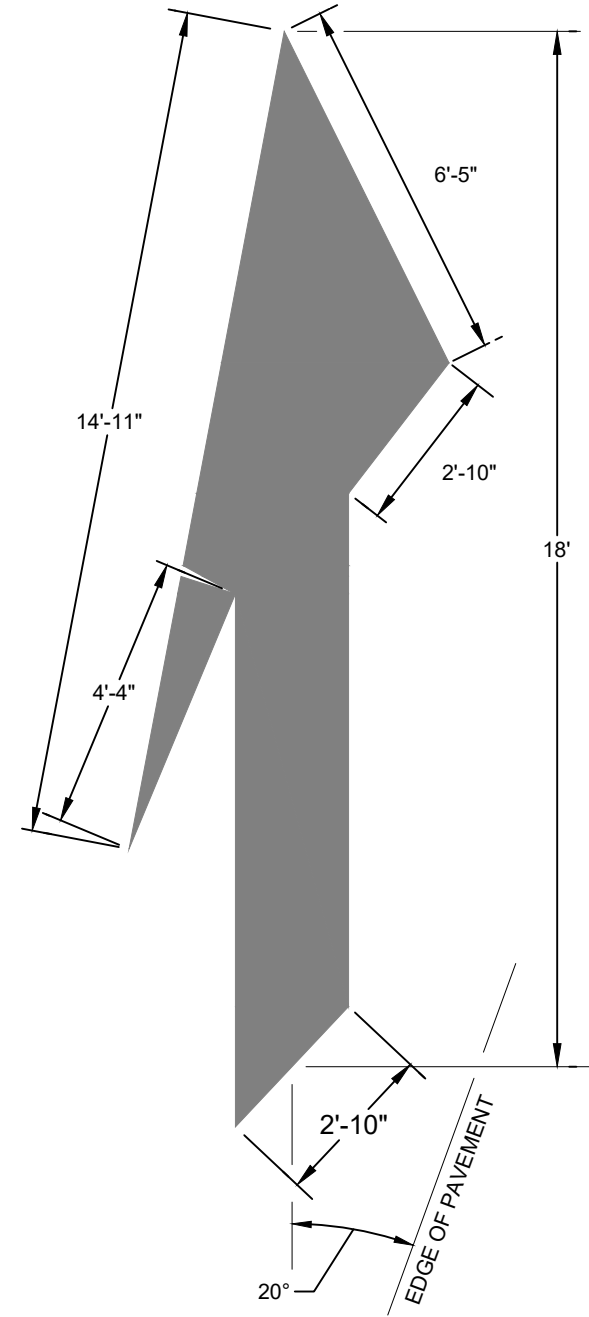


PAVEMENT ARROW DETAILS
(WHITE)

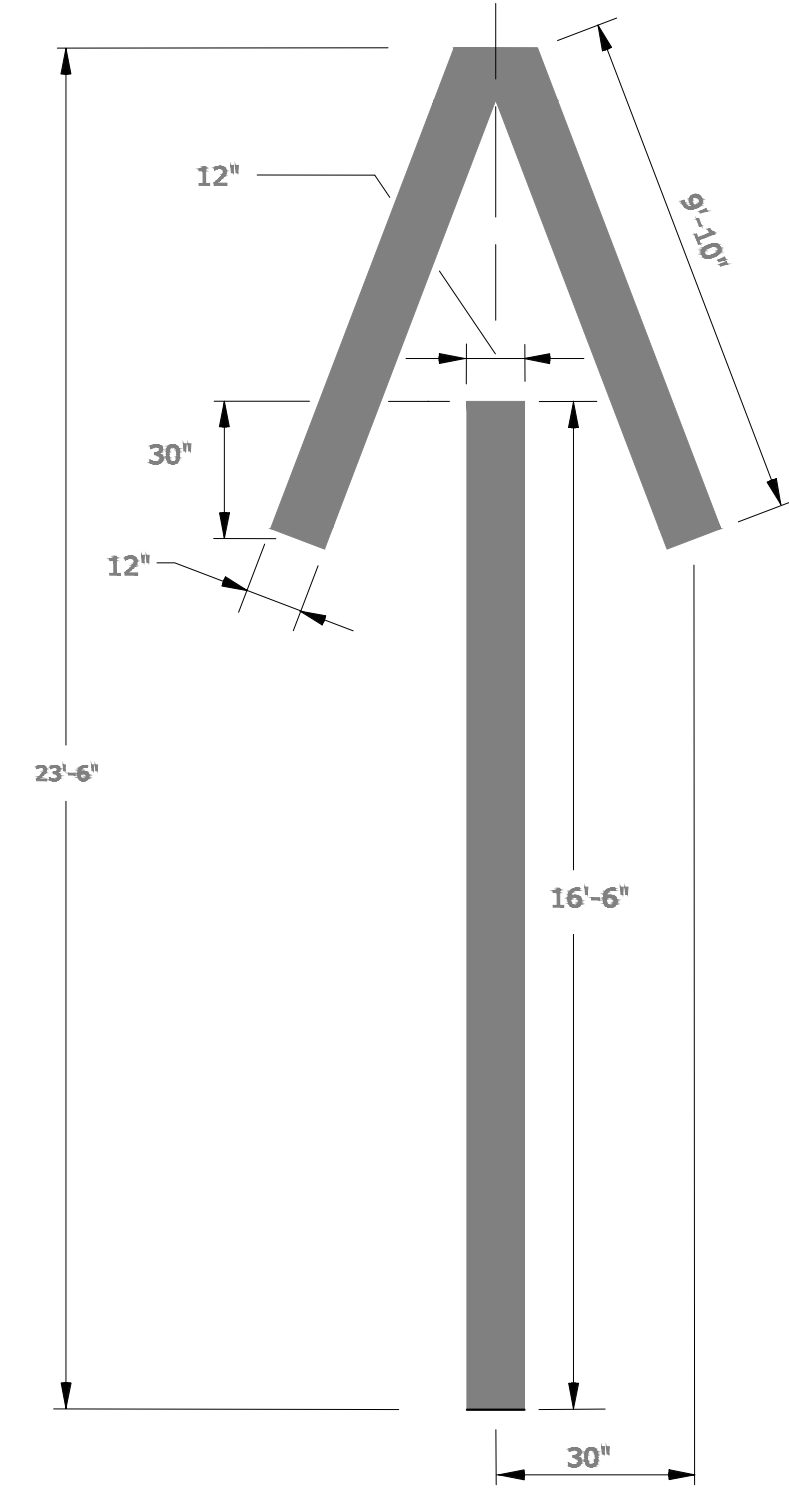
ARROWS SHALL BE CENTERED IN TRAVEL LANE



**WHITE PREFERENTIAL
LANE SYMBOL**



**WHITE LANE
REDUCTION ARROW**



**WHITE WRONG WAY
PAVEMENT ARROW**

NOTES:

1. AREA OF PAVEMENT MARKINGS AS INDICATED IS APPROXIMATE.
2. RIGHT TURN PAVEMENT MARKING ARROWS ARE MIRROR IMAGE OF LEFT TURN PAVEMENT MARKING ARROWS.

SHEET NO. 7



PORTLAND, CONNECTICUT

REVIEW
DRAWING

CT DOT PAVEMENT MARKINGS LINES & SYMBOLS

DESIGNED	JFD	DRAWN	KPP	CHECKED	JFD	REVISED	2/2/2026 NO CHANGES THIS SHEET
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PREPARED FOR:
TOWN OF
RIDGEFIELD

Ridgefield, Connecticut

RIDGEFIELD HIGH SCHOOL
WATER MAIN EXTENSION

Ridgefield, Connecticut

J U N E 2 0 2 3

SHEET NO. 7 OF 8

JOB NO. R F D - 0 0 1

CONTRACT DRAWING