

BEFORE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

In Re: Application of Aqua Pennsylvania, Inc. for Approval of the alteration of the crossing (U.S DOT – 591 310 Y) where an at-grade crossing operated by Reading Blue Mountain & Northern Railroad at milepost 03.44 crosses Raven Run Road (SR 4031) in West Mahanoy Township in Schuylkill County, Pennsylvania.

Application Docket No.:

To the Pennsylvania Public Utility Commission:

1. The name and address of applicant is Aqua Pennsylvania, Inc., 762 West Lancaster Avenue, Bryn Mawr, Pennsylvania 19010.
2. The name and address of the applicant's attorney is Frances P. Orth, Esquire, 762 West Lancaster Avenue, Bryn Mawr, Pennsylvania 19010.
3. Aqua Pennsylvania, Inc. is the local public water supplier.
4. By this application, approval is sought to install an 8-inch DIP pipe in a 16-inch steel casing installed in the road at the crossing of Raven Run Road (SR 4031) located at milepost 03.44. The crossing number is 591 310 Y operated by Reading Blue Mountain & Northern Railroad in West Mahanoy Township, Schuylkill County, Pennsylvania.
5. To the best of the applicant's knowledge, the name and addresses of the persons, parties and entities potentially concerned in or affected by the proposed construction are:

Timothy Trently
Service Electric Cablevision Inc
380 Maplewood Dr
P.O. Box R
Hazleton, PA 18201
timothy.trently@secv.com

Robert Trently
Service Electric Cablevision Inc
380 Maplewood Dr
P.O. Box R
Hazleton, PA 18201
robert.trently@secv.com

Scott Steffy
Aqua Pennsylvania
762 Lancaster Ave
Bryn Mawr, PA 19010
srsteffy@aquaamerica.com

John Klinger
Aqua Pennsylvania
204 E Sunbury Street
Shamokin, PA 17872
jdklinger@aquaamerica.com

Mary Ellen Wysochansky
Frackville Area Municipal Authority
42 S Center St.
Frackville, PA 17931
mew@fama874.com

Dianne Redilla
Verizon Pennsylvania
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Paul Martin
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wmtoffice@ptd.net

Reading Blue Mountain & Northern Railroad
P.O. Box 218
Port Clinton, PA 19549
610-562-2100

Susan Smith
Schuylkill County Planning Commission
401 North Second Street
Pottsville, PA 17901
ssmith@schuylkillcountypa.gov

Total Engineering & Consulting Services LLC
1547 Dekalb St
Norristown PA 19401
Attn: Anthony Carmassi
acarmassi@totalengineeringllc.com

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1547 Dekalb St
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Attn: Elizabeth Sobel
esobel@totalengineeringllc.com

Larry Ditty
PAPUC Railroad Crossing Applications
PennDOT Right of Way and Utilities Division
PennDOT Bureau of Design
P.O. Box 3362
Harrisburg, PA 17105-3362
lditty@pa.gov

PennDOT District 5-0
1002 Hamilton St.
Allentown, PA 18101
Attn: Ray Boretski
rboretski@pa.gov

6. The cost of this portion of the project is estimated to be \$60,000.00. The project will be entirely funded and maintained by Aqua Pennsylvania, Inc.
7. The alteration is necessary or proper because it will improve water distribution operations and maintenance.

Wherefore, applicant requests the Commission approve this highway railroad crossing application.

RESPECTFULLY SUBMITTED:

Aqua Pennsylvania, Inc.



Signature

John Klinger, Proj. Engr

Printed Name, Title

Date: 2/23/26

VERIFICATION

I, Anthony J. Carmassi, P.E., Regional Director at Total Engineering and Consulting Services, LLC., hereby state that the facts above set forth are true and correct (or are true and correct to the best of my knowledge, information and belief) and that I expect to be able to prove the same at a hearing held in this matter. I understand that the statements herein are made subject to the penalties of 18 Pa. C.S. § 4904 (relating to unsworn falsification to authorities).

Date 2/25/2026



Anthony J. Carmassi

CERTIFICATE OF SERVICE

I, Anthony J. Carmassi, hereby certify that I have this day served a true copy upon the participants, listed below, in accordance with the requirements of 52 PA Code Section 1.54 regarding the Application of Aqua Pennsylvania, Inc. for an upgrade to an existing water main installation at the crossing where Raven Run Road (SR 4031) crosses at grade Reading Blue Mountain & Northern Railroad located at milepost 03.44 at crossing 591 310 Y in West Mahanoy Township, Schuylkill County, Pennsylvania.

By U.S. 1st Class Mail

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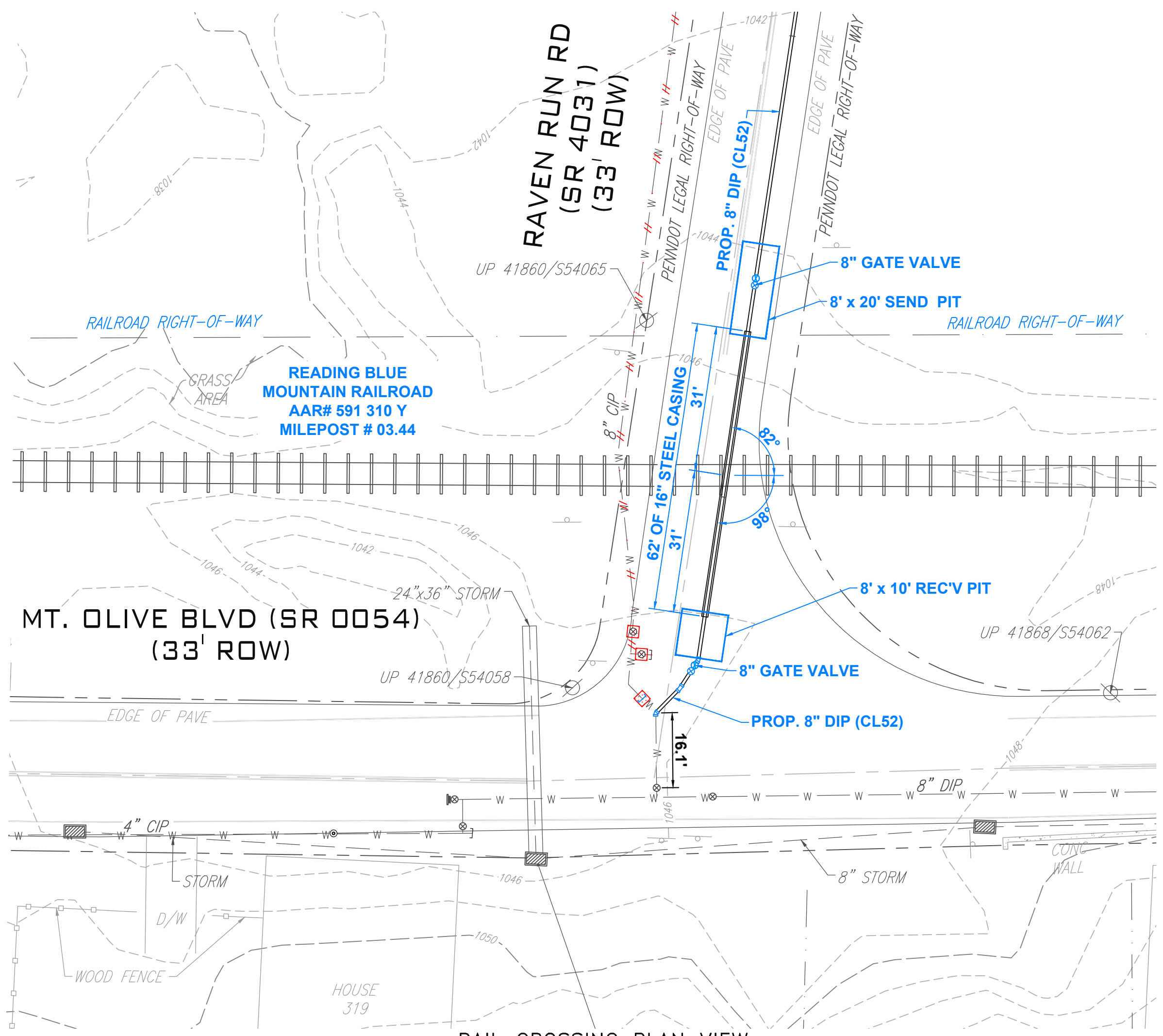
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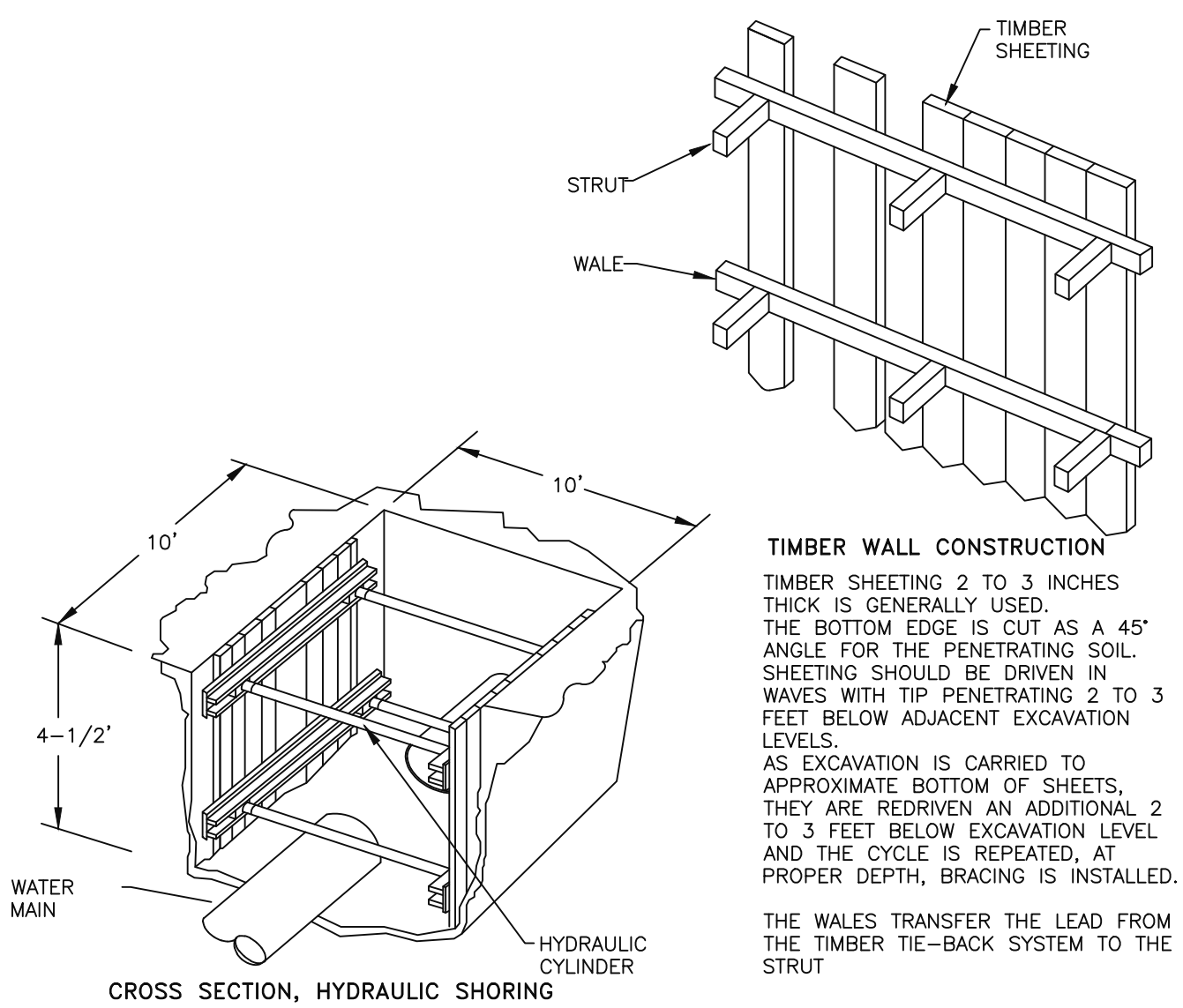
PennDOT District 5-0
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Allentown, PA 18101
Attn: Ray Boretski
rboretski@pa.gov

Dated: 2/25/2026


Anthony J. Carmassi, P.E.



RAIL CROSSING PLAN VIEW
SCALE: 1" = 20' HORIZONTAL

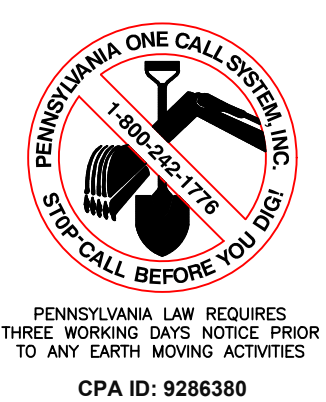


TIMBER WALL CONSTRUCTION
TIMBER SHEETING 2 TO 3 INCHES THICK IS GENERALLY USED. THE BOTTOM EDGE IS CUT AS A 45° ANGLE FOR THE PENETRATING SOIL. SHEETING SHOULD BE DRIVEN IN WAVES WITH TIP PENETRATING 2 TO 3 FEET BELOW ADJACENT EXCAVATION LEVELS.
AS EXCAVATION IS CARRIED TO APPROXIMATE BOTTOM OF SHEETS, THEY ARE REDRIVEN AN ADDITIONAL 2 TO 3 FEET BELOW EXCAVATION LEVEL AND THE CYCLE IS REPEATED. AT PROPER DEPTH, BRACING IS INSTALLED.
THE WALES TRANSFER THE LOAD FROM THE TIMBER TIE-BACK SYSTEM TO THE STRUT

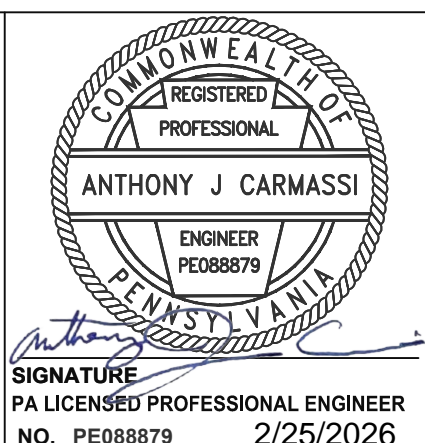
CROSS SECTION, HYDRAULIC SHORING
HYDRAULIC SHORING SHOULD BE CHECKED AT LEAST ONCE PER SHIFT FOR LEAKING HOSES AND/OR CYLINDERS, BROKEN CONNECTIONS, CRACKED NIPPLES, BENT BASES, AND ANY OTHER DAMAGED OR DEFECTIVE PARTS
All shoring should be installed from the top down and removed from the bottom up.



NO.	REVISIONS	DATE



NOTICE:
AQUA ADVISES THAT IT HAS COMPLIED WITH THE PROVISIONS OF THE UNDERGROUND UTILITY LINE PROTECTION LAW, ACT 287 OF 1974 AS AMENDED, IN PREPARING THESE DRAWINGS REQUIRING EXCAVATION OR DEMOLITION WORK AT SITES WITHIN THE COMMONWEALTH OF PENNSYLVANIA. AQUA DOES NOT MAKE ANY REPRESENTATION, WARRANTY, ASSURANCE OR GUARANTY THAT THE INFORMATION RECEIVED PURSUANT TO SAID ACT AND REFLECTED ON THESE DRAWINGS IS CORRECT OR ACCURATE OR THAT ALL SUBSURFACE UTILITIES AND STRUCTURES ARE SHOWN, BUT IS REFLECTING SAID INFORMATION ON THESE DRAWINGS IN ACCORDANCE WITH THE REQUIREMENT OF SUCH ACT. CONTRACTORS ARE REMINDED OF THEIR OBLIGATION TO NOTIFY 1-800-242-1776 OR 8-1-1 NOT LESS THAN 3 OR MORE THAN 10 WORKING DAYS PRIOR TO BEGINNING EXCAVATION.
POCS SERIAL: 20250340817
DATE: 2/12/2025



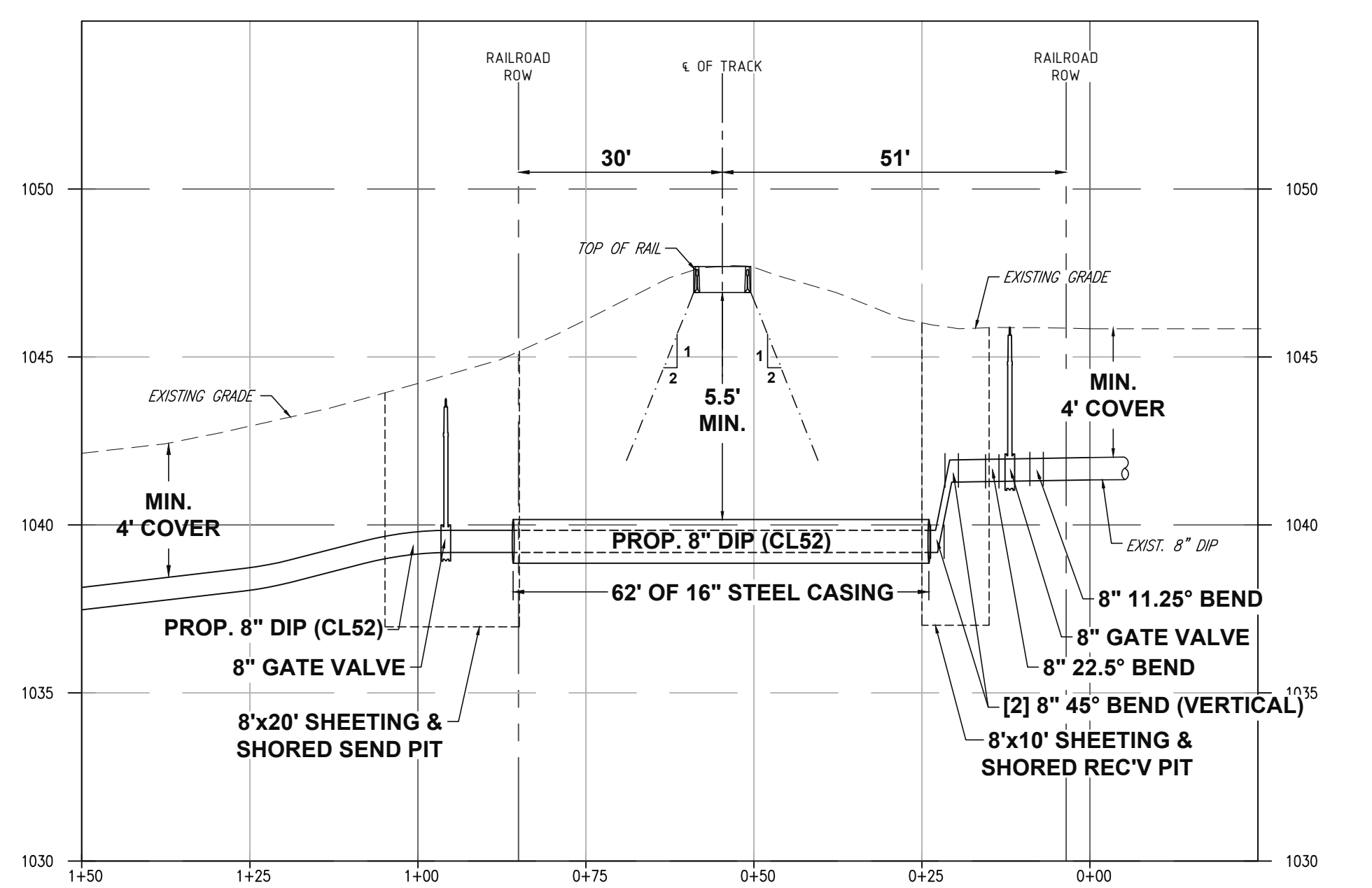
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CHK'D BY: ES
DATE: 2/12/2025

**MT. OLIVE PHASE 4
WATER MAIN REPLACEMENT
RAILROAD CROSSING NOTES & DETAILS**

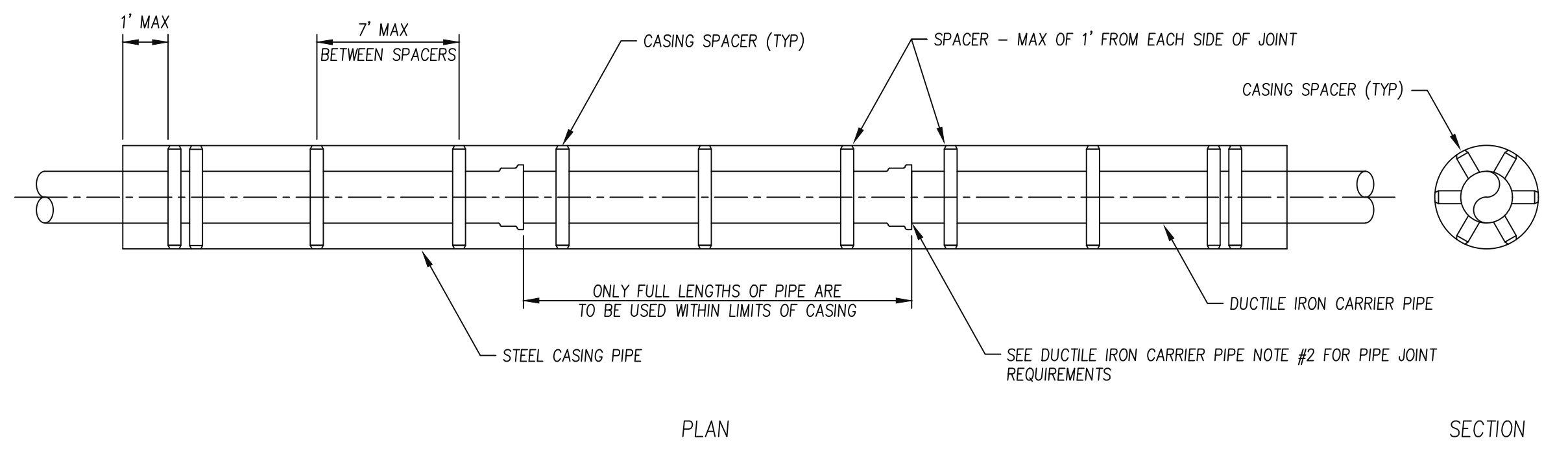
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PLATE:	W-8	WOR:		AQUA JOB:	220.25		SHEET 5 OF 21

GENERAL CONSTRUCTION REQUIREMENTS:

- PROVIDE NOTIFICATION PRIOR TO THE START OF CONSTRUCTION, INCLUDING UPDATED PROJECT SCHEDULE.
- RIGHT OF ENTRY PERMIT MUST BE SECURED PRIOR TO START OF CONSTRUCTION.
- OSHA RULES AND REGULATIONS MUST BE ADHERED TO FOR SAFETY IN EXCAVATIONS, DESIGN, AND SHORING AND SHEETING, ADDITIONALLY, JACK AND BORE PITS SHALL BE FENCED WITH ADEQUATE LIGHTING FOR PUBLIC SAFETY.
- THE TRACK AND RIGHT-OF-WAY MUST BE PROTECTED FROM ANY EROSION CAUSED BY THE PROJECT FIELD WORK.
- THE APPLICANT MUST MAINTAIN ALL SIGNS ON READING BLUE MOUNTAIN RAILROAD RIGHT-OF-WAY AS LONG AS THE OCCUPATIONAL AGREEMENT IS IN EFFECT.
- CONSTRUCTION SHALL BE ACCOMPLISHED SO THAT ADEQUATE AND UNINTERRUPTED DRAINAGE IN READING BLUE MOUNTAIN RAILROAD RIGHT-OF-WAY IS MAINTAINED.
- ALL PIPELINES (EXCEPT THOSE IN STREETS OR ACCESS ROADS WHERE IT WOULD NOT BE PRACTICAL TO DO SO) SHALL BE PROMINENTLY MARKED AT THE RIGHT-OF-WAY LINES (ON BOTH SIDES OF TRACK FOR CROSSINGS) BY DURABLE, WEATHERPROOF SIGNS LOCATED OVER THE CENTERLINE OF THE PIPE. SIGNS SHALL SHOW THE FOLLOWING:
 - NAME AND ADDRESS OF APPLICANT
 - CONTENTS OF PIPE
 - PRESSURE IN PIPE
 - EMERGENCY TELEPHONE NUMBER
- BORED, JACKED OR TUNNELED INSTALLATIONS SHALL HAVE A BORE HOLE ESSENTIALLY THE SAME AS THE OUTSIDE DIAMETER OF THE PIPE PLUS THE THICKNESS OF THE PROTECTIVE COATING.
- THE USE OF WATER OR OTHER LIQUIDS TO FACILITATE CASING EMBLACEMENT AND SPOIL REMOVAL IS PROHIBITED EXCEPT WHEN USED IN CONJUNCTION WITH DIRECTIONAL BORING METHOD.
- IF DURING INSTALLATION AN OBSTRUCTION IS ENCOUNTERED WHICH PREVENTS INSTALLATION OF THE PIPE IN ACCORDANCE WITH THIS SPECIFICATION, THE PIPE SHALL BE ABANDONED IN PLACE AND IMMEDIATELY FILLED WITH GROUT. A NEW INSTALLATION PROCEDURE AND REVISED PLANS MUST BE SUBMITTED TO, AND APPROVED BY, READING BLUE MOUNTAIN RAILROAD BEFORE WORK CAN RESUME.
- BORE AND JACK OPERATION SHALL BE PROGRESSED ON A 24-HOUR BASIS WITHOUT STOPPAGE IN ZONE 1, 2, AND 3 AS INDICATED IN PLATE VIII (EXCEPT FOR ADDING LENGTHS OF PIPE) UNTIL THE LEADING EDGE OF THE PIPE HAS REACHED THE RECEIVING PIT.
- CASINGS FOR CARRIER PIPES OF NON-FLAMMABLE SUBSTANCES SHALL HAVE BOTH OF THE CASING BLOCKED UP IN SUCH A WAY AS TO PREVENT THE ENTRANCE OF FOREIGN MATERIAL BUT ALLOWING LEAKAGE TO PASS IN THE EVENT OF A CARRIER BREAK.
- ACCESSIBLE EMERGENCY SHUT OFF VALVES SHALL BE INSTALLED WITHIN EFFECTIVE DISTANCES EACH SIDE OF THE RAILROAD AT LOCATIONS SELECTED BY NS WHERE HAZARD TO LIFE AND PROPERTY MUST BE GUARDED AGAINST. NO ADDITIONAL VALVES WILL BE REQUIRED WHERE PIPELINES ARE PROVIDED WITH AUTOMATIC CONTROL STATIONS AND WITHIN DISTANCES APPROVED BY NS.
- BLASTING NOT PERMITTED.
- ALL OPERATIONS SHALL BE CONDUCTED SO AS NOT TO INTERFERE WITH, INTERRUPT, OR ENDANGER THE OPERATION OF TRAINS NOR DAMAGE, DESTROY, OR ENDANGER THE INTEGRITY OF RAILROAD FACILITIES. ALL WORK ON OR NEAR READING BLUE MOUNTAIN RAILROAD PROPERTY SHALL BE CONDUCTED IN ACCORDANCE WITH READING BLUE MOUNTAIN RAILROAD SAFETY RULES AND REGULATIONS. THE CONTRACTOR SHALL SECURE AND COMPLY WITH THE READING BLUE MOUNTAIN RAILROAD SAFETY RULES AND REGULATIONS. THE CONTRACTOR SHALL GIVE WRITTEN ACKNOWLEDGEMENT TO READING BLUE MOUNTAIN RAILROAD THAT THEY HAVE BEEN RECEIVED, READ AND UNDERSTOOD BY THE CONTRACTOR AND ITS EMPLOYEES. OPERATIONS WILL BE SUBJECT TO READING BLUE MOUNTAIN RAILROAD MONITORING AT ANY AND ALL TIMES.



READING BLUE MOUNTAIN RAILROAD
RAIL CROSSING PROFILE VIEW
SCALE: 1" = 20' HORIZONTAL
1" = 5' VERTICAL



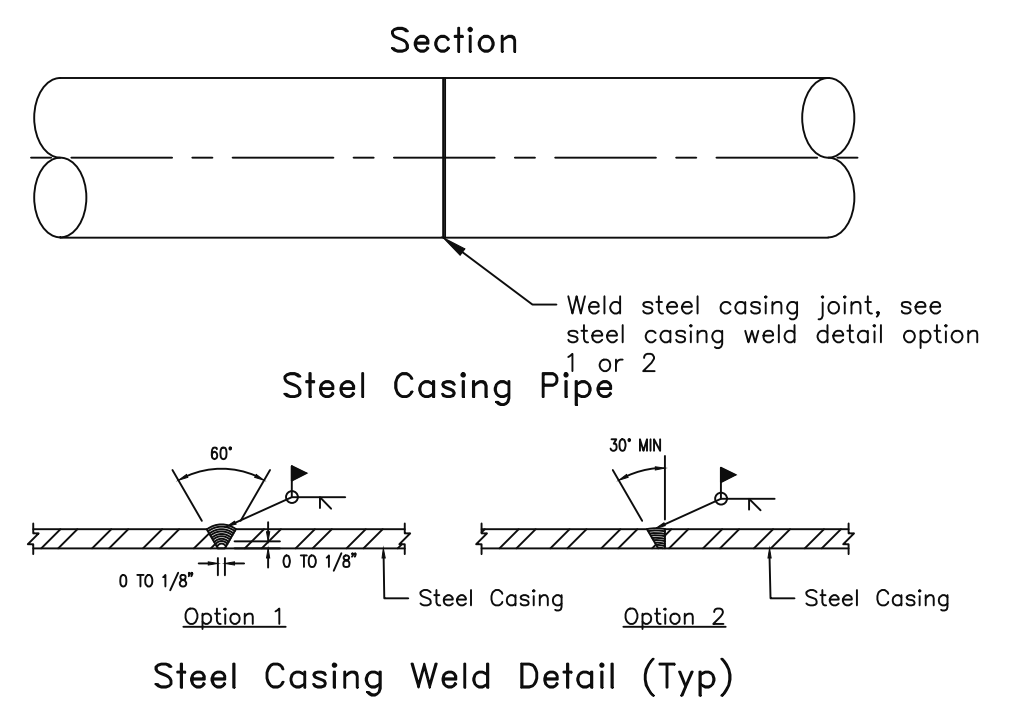
STEEL CASING PIPE NOTES:

- ALL CASING PIPE SHALL BE ASTM A53 GRADE B, 0.50" WALL THICKNESS, STANDARD WEIGHT, MANUFACTURED IN ACCORDANCE WITH AWWA C200.
- CASING PIPE SHALL BE REQUIRED FOR WATER MAINS CROSSING OVER AND UNDER HIGHWAYS, RAILROADS, OR ANY OTHER LOCATION WHERE A LEAKING PIPE CAN CREATE A HAZARDOUS CONDITION. IN GENERAL, CASING PIPE IS NOT REQUIRED FOR MAINS CROSSING BODIES OF WATER.
- ALL EXPOSED CASING PIPE SHALL BE SHOP BLASTED AND COATED EXTERNALLY IN ACCORDANCE WITH THE STATE DOT PAINT SPECIFICATION FOR STRUCTURAL STEEL.
- ALL STEEL PIPE BELOW GRADE SHALL BE WRAPPED WITH PROTECTO-WRAP 310, COLD APPLIED PIPE TAPE. (WRAPPING TO EXTEND TO A MINIMUM OF 18" BEYOND FINISHED GRADE.) IF APPLICABLE, REFER TO THE CATHODIC PROTECTION PLAN FOR ADDITIONAL CORROSION PROTECTION MEASURES.
- ALL STEEL PIPE SHALL BE ORDERED WITHOUT COATING 6" FROM EACH END TO ALLOW FOR BEVELING AND WELDING IN THE FIELD.
- ALL WELDERS SHALL BE CERTIFIED IN ACCORDANCE WITH THE API 1104 CODE OR AN APPROVED EQUAL. CONTRACTOR SHALL PROVIDE OWNER WITH EVIDENCE OF CURRENT WELDER QUALIFICATION PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- ALL PRODUCTION WELDS SHALL BE PERFORMED, TESTED AND INSPECTED IN CONFORMANCE WITH THE CURRENT EDITION OF AWWA C206.
- ANY WELDER WHO MAKES A PRODUCTION WELD THAT FAILS TO COMPLY WITH THE REQUIREMENTS OF AWWA C206 MAY BE IMMEDIATELY DISQUALIFIED FROM CURRENT AND/OR FUTURE WORK AT THE DISCRETION OF THE OWNER.

DUCTILE IRON CARRIER PIPE NOTES:

- ALL DUCTILE IRON PIPE SHALL BE CLASS 52 (MIN.), CEMENT LINED, INTERNALLY AND EXTERNALLY COATED AS PER AWWA C150 (LATEST SPECS).
- WHEN USING TYTON (OR PUSH-ON) JOINT PIPE, THE USE OF FIELD-LOK (RESTRAINT TYPE) GASKETS ARE REQUIRED AT EACH JOINT WITHIN THE CASING PIPE AND (2) PIPE JOINTS PAST THE CASING END ON EACH END. PIPE IS TO BE PUSHED THROUGH CASING, NOT PULLED. CONSULT PROJECT CONSTRUCTION PLANS IF OTHER TYPE OF RESTRAINT PIPE IS BEING INSTALLED AND FOLLOW THOSE SPECIFICATIONS ACCORDINGLY.

NOMINAL PIPE DIAMETER	MINIMUM NOMINAL CASING I.D.
8"	16"
10"	18"
12"	20"
16"	24"
20"	36"



TYPICAL DUCTILE IRON WATER MAIN WITH STEEL CASING AND SPACERS DETAIL