TOWN OF MATTAPOISETT, MASSACHUSETTS
WATER STREET CULVERT REPLACEMENT

ADDENDUM NO. 1 – March 17, 2026

Please acknowledge Addendum No. 1, March 17, 2026 on Page 00300-1 in Section 00300, Form of General Bid when submitting your bid.

Please note that as of this date, the US Army Corps of Engineers Self Verification Form NAE 2020-00454 has not been received. Bidders shall assume that the conditions to be contained in the Self Verification Form will not result in a change to the plans or specifications provided in the bid documents.

Bid Documents

The following revisions are noted to the Bid Documents:

1. Page 00020-1, under "All Bidders shall carefully note the following conditions:", the second condition shall be replaced in its entirety to read:

   "2. The Contractor is required to move all materials and equipment out of the area while work is suspended. The beach parking area and access to the beach shall be unrestricted and made safe to the general public. The Bidder's attention is directed to Subsection 748.20 of the MassDOT Supplemental Specifications. **The unit price for Mobilization (Item 748.) shall not exceed six percent (6%) of the contract bid total, exclusive of this item and Item 899, Police Details.** Failure to observe this requirement may result in rejection of the bid in accordance with Subsection 2.04 of the Standard Specifications. See Special Provision for Item 748 for additional details."

   Note that Item 748.1, Remobilization, has been eliminated as described below.

2. The Form of General Bid is re-issued here in its entirety (see Attachment A). This Form of General Bid, along with the bid security, is required to be submitted. The following changes are noted:

   a. Page 00300-1 – In the second paragraph, the last sentence should read, in part, "…and final completion of the project for acceptance by the Town shall be achieved no later than **March 31, 2028**." This is in response to the question below.

   b. Page 00300-1 – Inserted Addendum No. 1 with date of March 17, 2026.

   c. Pages 00300-3 thru 00300-6, Bid Form, have been revised as follows:

      i. Item 202., Manhole – Reduced Quantity from 3 each to 2 each.
      ii. Add Item 202.1 Water Quality Inlet – Quantity of 1 each.
      iii. Add Item 227.4, Masonry Plug - Quantity of 4 Square Feet.
      iv. Item 241.12, 12-Inch Reinforced Concrete Pipe Class III – reduced Quantity from 30 feet to 15 feet.
      v. Add Item 241.15, 15-Inch Reinforced Concrete Pipe Class III - Quantity of 10 feet.

vi. Item 241.18, 18-Inch Reinforced Concrete Pipe Class III – reduced Quantity from 25 feet to 20 feet.
vii. Add Item 252.15, 15-Inch Corrugated Plastic Pipe - Quantity of 20 feet.
viii. Delete 303.1, 10-Inch Ductile Iron Water Pipe (Mechanical Joint)
ix. Add Item 303.12, 12-Inch Ductile Iron Water Pipe (Mechanical Joint) - Quantity of 55 feet.
x. Delete Item 350.1, 10-Inch Gate and Gate Box
xi. Add Item 350.12, 12-Inch Gate and Gate Box - Quantity of 2.
xii. Delete Item 748.1, Remobilization (see revised specification for Item 748., below).
xiii. Revise Item 899, Police Details – note that this is an allowance and the bidder shall carry a value of $35,000.00 for this item.

3. In Division II, Special Provisions, the following revisions are noted:

a. Add the following Special Provision for Item 204.1 Water Quality Inlet

ITEM 202.1 WATER QUALITY INLET EACH

The work under this item shall conform to the relevant provisions of Subsection 201. of the Standard Specifications and the following:

DESCRIPTION

This item consists of providing a completely functional water quality inlet including all required labor, equipment and materials (see Attachment C for detail(.

MATERIALS

1. Water Quality Inlet – CDS 2025-5-C by Contech Stormwater Solutions complete with cement concrete structure, insert, and H20 cast iron frame & cover. The concrete structure shall have a minimum inside diameter of 5-feet. The minimum depth of the oil storage sump in the upper vault of the structure shall be no less than 2 feet 11 inches.
2. Brick masonry
3. Crushed Stone

CONSTRUCTION METHODS

Water quality inlet shall be provided, installed and tested in strict conformance with the manufacturer's requirements.

BASIS OF PAYMENT

Measurement and payment of Water Quality Inlet shall be per Each and shall constitute full compensation for the water quality inlet, installation, brick masonry, excavation, crushed stone base, backfilling, compaction, dewatering, bracing, testing and all other labor, equipment and materials required to construct a functioning water quality inlet in accordance with the manufacturer's requirements.

b. Revise the Special Provision for Items 303.10, 10-Inch Ductile Iron Water Pipe (Mechanical Joint) and 350.1, 10 Inch Gate and Gate Box to 303.12, 12-Inch Ductile Iron Water Pipe (Mechanical Joint) and 350.12, 12 Inch Gate and Gate Box. All references in this Special Provision to 10-Inch shall be changed to 12-Inch throughout.

In addition, under the revised Special Provision for Items 303.12 and 350.12, under MATERIALS, 3. SPECIAL FITTINGS (p. 01000-33), add the following:

D. The connection between the existing 10-inch pipe and the new 12-Inch DI Pipe shall be made using a HYMAX 2 Reducer.

c. Replace the Special Provision for Items 748. Mobilization and 748.1 Remobilization to the following specification (Note: the intention of deleting Item 748.1, Remobilization, is to not penalize the Contractor if the project is completed within a single construction season.)

ITEM 748. MOBILIZATION LUMP SUM

The work under this item shall conform to the relevant provisions of Subsection 748. of the Standard Specifications and the following:

The Town of Mattapoisett experiences a significant influx of summer residents and tourists. Given the location of the project adjacent to the town beach, all construction will be suspended from the week prior to Memorial Day to the week after Labor Day. The beach parking area and access to the beach shall be unrestricted and made safe to the general public. The Contractor is required to move all materials and equipment out of the project area while work is suspended.

Work will be allowed during the following periods:

Construction Season 1	September 14, 2026 – May 21, 2027
Construction Season 2	September 13, 2027 – March 31, 2028

BASIS OF PAYMENT

Item 748., Mobilization, will be made on a Lump Sum Basis for Construction Season 1. The unit price for Item 748. Mobilization shall not exceed 6% of the Contract Bid Total, exclusive of this item and Police Details.

Payment for Item 748. shall be made on the following schedule:

1. The first payment of one-sixth (1/6) of the Lump Sum Price shall be made with the first pay requisition;

2. The second payment of one-sixth (1/6) of the Lump Sum Price shall be made following the completion of 5% of the total Contract Price;

3. The third payment of one-sixth (1/6) of the Lump Sum Price shall be made following the completion of 10% of the total Contract Price;

4. The fourth payment of one-sixth (1/6) of the Lump Sum Price shall be made following the completion of 60% of the total Contract Price;

5. The fifth payment of one-sixth (1/6) of the Lump Sum Price shall be made following the completion of 80% of the total Contract Price;

6. The sixth and final payment of one-sixth (1/6) of the Lump Sum Bid Price shall be made upon substantial completion of the project.

Plans

The following revisions are noted to the plans, Attachment E – Water Street Culvert Replacement Plans:

1. Sheet 6, Drainage & Utility Plan (**drawing reissued**) – The following revisions have been made to Sheet 6, and edits should carry throughout:

   a. The proposed 10-Inch Water Main has been increased to 12-Inch DI pipe, and the length has been extended within the project limits. The bends have been replaced with 22.5° bends, and 12" x 10" reducers are required on each end. An existing service shall be connected to the new 12-inch main.

   b. Revised Structure Table for DMH-102 under Comments to show – "PROVIDE 21-INCH KNOCKOUT FOR FUTURE 18-INCH PIPE FROM EAST. IN = 1.89"

   c. DMH-102 in drawing: The DMH is shifted north slightly to center on the baseline. Edit carries throughout plans.

   d. The existing 15" RCP Drain line on the northeast side of project, which is currently connected into the existing box culvert, will need to be terminated as shown. A temporary 15-Inch Corrugated Plastic Pipe shall be installed and connected into CBCI-101. Masonry Plugs shall be provided on each end of the existing 15" RCP to be abandoned.

   e. The Temporary By-Pass pipe has been shifted 10 feet to the west in order to avoid the new Sewer Manhole.

   f. The northerly access port for the proposed box culvert has been shifted northerly to align with the pipe entering from DMH-104. A third access port has been added to the Proposed Precast Reinforced Concrete Drainage Vault. The middle access port shall be centered between the northerly and southerly access ports.

   g. Replaced DMH-4 with WQI-104 (Water Quality Inlet). Adjusted the lengths of the three pipes into and out of the unit.

2. Sheet 18, Plan and Transverse Section (**drawing reissued**) – The following revisions have been made:

   a. On the Proposed Transverse Section, overlapping text has been cleaned up.

   b. On the Plan view, the northerly access port for the proposed box culvert has been shifted northerly to align with the pipe entering from DMH-104. A third access port has been added to the Proposed Precast Reinforced Concrete Drainage Vault. The middle access port shall be centered between the northerly and southerly access ports.

Questions

The following questions have been received:

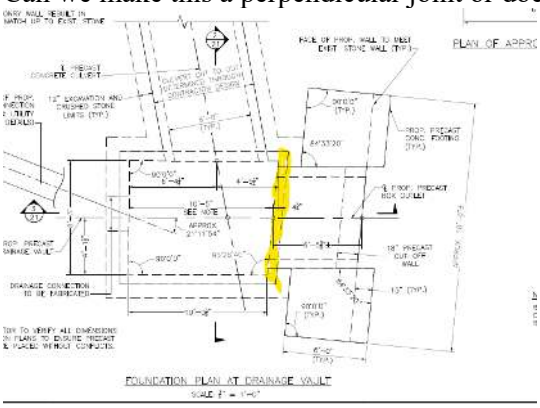
Q1. *There is a discrepancy with the final completion date, can you please provide confirmation?*

Discrepancy: substantial completion of the project shall be achieved by December 31, 2027 and final completion of the project for acceptance by the Town shall be achieved no later than March 1, 2028. (pg 12) (GPI Note: this is page 00300-1; 12th page of the pdf)

The CONTRACTOR further agrees that substantial completion of the project shall be achieved by December 31, 2027 and final completion of the project for acceptance by the Town shall be achieved no later than March 31, 2028. (page 23) (GPI Note: this is page 00500-1; 23rd page of the pdf)

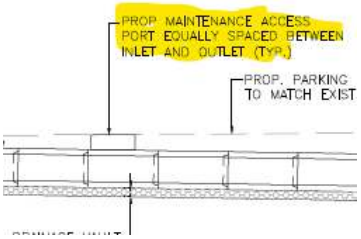
A1. Final completion of the project for acceptance by the Town shall be March 31, 2028.

Q2. Can we make this a perpendicular joint or does it have to say on a skew as shown?



A2. The joint between the precast drainage vault and precast box outlet can be perpendicular so long as there is no interference with the proposed precast concrete footing for the replaced section of wharf wall.

Q3. Can we use a standard 4'-diameter opening for the maintenance access ports? It will make it easier for risers and covers if needed.



A3. The feasibility of the proposed maintenance access port is part of the fabricator's precast design process and verification. A standard 4- foot diameter opening is acceptable so long as it does not present concerns in the precast culvert's structural integrity.

End of Addendum No. 1

Attachments Follows

Attachment A

FORM OF GENERAL BID

SECTION 00300

FORM OF GENERAL BID

Bid of _____ (hereinafter called "Bidder")*

(____) a corporation, organized and existing under the laws of the state of _____
(____) a partnership
(____) a joint venture
(____) an individual doing business as _____

To the Town of Mattapoisett, Massachusetts (hereinafter called "Owner").

A) The undersigned Bidder, in compliance with your invitation for bids for the project known as **"Water Street Culvert Replacement Project, Mattapoisett, Massachusetts"**, having examined the plans and specifications and related documents and the site of the proposed work, and being familiar with all of the conditions surrounding the construction of the proposed project including the availability of materials and labor, hereby proposes to furnish all labor, materials, and supplies, and to construct the project in accordance with the contract documents and the plans and specifications within the time set forth below, and at the prices stated below. These prices are to cover all expenses incurred in performing the work required under the contract documents, of which this bid is a part.

The Bidder hereby agrees to commence work on or before the date to be specified in written "Notice to Proceed" of the Owner, but no sooner than July 17, 2026. Furthermore, the Bidder agrees that substantial completion of the project shall be achieved by December 31, 2027 and final completion of the project for acceptance by the Town shall be achieved no later than March 31, 2028.

The Bidder further agrees to pay as liquidated damages the sum of Five Hundred Dollars ($500.00) for each consecutive calendar day thereafter that the work is not complete for acceptance by the Town as provided in Section 00700 GENERAL CONDITIONS.

B) Bidder acknowledges receipt of and this bid includes the following addenda:

No. 1 Dated: March 17, 2026

No. _____ Dated: _____

No. _____ Dated: _____

*Specify corporation, partnership or individual as applicable.

BID TABULATION SHEET

Instructions:

(1) Insert Unit Price (numeric amount in dollars and cents) under "Unit Price" for each Item.

(2) Multiply the Estimated Quantity by the Unit Price and insert the product for "Total Price" for each Item.

(3) Add all products in the Total Price Column and insert the sum for the Total Base Bid Price for Bid Comparison in numeric value and words.

(4) In the event of a discrepancy between the Unit Price and the Total Price for each item, the Unit Price shall control. In the event of a discrepancy of the Total Bid Price in numbers and words, the numbers shall control.

An unbalanced or unreasonable lump sum or unit prce submitted herein may be grounds for rejection of the bid.

BASE BID

Item	Item Description	Quantity	Unit	(1) Unit Price	(2) Total Value
103	TREE REMOVED - DIAMETER UNDER 24 INCHES	1	EA	$	$
120	EARTH EXCAVATION	20	CY	$	$
140	BRIDGE EXCAVATION	370	CY	$	$
142	CLASS B TRENCH EXCAVATION (Contingency)	10	CY	$	$
144	CLASS B ROCK EXCAVATION	290	CY	$	$
146	DRAINAGE STRUCTURE REMOVED	3	EA	$	$
151	GRAVEL BORROW	15	CY	$	$
151.2	GRAVEL BORROW FOR BACKFILLING STRUCTURES AND PIPES	175	CY	$	$
156	CRUSHED STONE	20	TON	$	$
156.1	CRUSHED STONE FOR BRIDGE FOUNDATIONS	130	TON	$	$
156.5	CRUSHED STONE FOR FILTER BLANKET	10	CY	$	$
170	FINE GRADING AND COMPACTING - SUBGRADE AREA	200	SY	$	$
201	CATCH BASIN	3	EA	$	$
202	MANHOLE	2	EA	$	$

Item	Item Description	Quantity	Unit	(1) Unit Price	(2) Total Value
202.1	WATER QUALITY INLET	1	EA	$	$
210	SANITARY SEWER MANHOLE	2	EA	$	$
220.7	SANITARY STRUCTURE ADJUSTED	1	EA	$	$
222.3	FRAME AND GRATE (OR COVER) MUNICIPAL STANDARD	6	EA	$	$
223.1	FRAME AND GRATE (OR COVER) REMOVED AND STACKED	6	EA	$	$
225.52	TRAP AND HOOD MUNICIPAL STANDARD	3	EA	$	$
227.4	MASONRY PLUG	4	SF	$	$
238.161	16 INCH CERAMIC EPOXY LINE DUCTILE IRON SEWER PIPE	20	FT	$	$
241.12	12 INCH REINFORCED CONCRETE PIPE CLASS III	15	FT	$	$
241.15	15 INCH REINFORCED CONCRETE PIPE CLASS III	10	FT	$	$
241.18	18 INCH REINFORCED CONCRETE PIPE CLASS III	20	FT	$	$
241.24	24 INCH REINFORCED CONCRETE PIPE CLASS III	48	FT	$	$
252.15	15 INCH CORRUGATED PLASTIC PIPE	20	FT	$	$
258	STONE FOR PIPE ENDS	20	SY	$	$
303.12	12 INCH DUCTILE IRON WATER PIPE (MECHANICAL JOINT)	55	FT	$	$
350.12	12 INCH GATE AND GATE BOX	2	EA	$	$

Item	Item Description	Quantity	Unit	(1) Unit Price	(2) Total Value
358	GATE BOX ADJUSTED	2	EA	$	$
402	DENSE GRADED CRUSHED STONE FOR SUB-BASE	3	CY	$	$
440	CALCIUM CHLORIDE FOR ROADWAY DUST CONTROL	300	LB	$	$
443	WATER FOR ROADWAY DUST CONTROL	1	MGL	$	$
460	HOT MIX ASPHALT	105	TON	$	$
506	GRANITE CURB TYPE VB - STRAIGHT	85	FT	$	$
506.01	GRANITE CURB WITH CEMENT CONCRETE BACKING	10	FT	$	$
509	GRANITE TRANSITION CURB - STRAIGHT	15	FT	$	$
514	GRANITE CURB INLET - STRAIGHT	2	EA	$	$
619.5	TUBULAR STEEL BACKED TIMBER BRIDGE RAIL WITH METAL HANDRAIL	50	FT	$	$
657	TEMPORARY FENCE	60	FT	$	$
645.048	48 INCH CHAIN LINK FENCE (PIPE TOP RAIL) (LINE POST OPTION)	40	FT	$	$
652.048	48 INCH CHAIN LINK FENCE END POST	1	EA	$	$
697.1	SILT SACK	3	EA	$	$
698.3	GEOTEXTILE FABRIC FOR SEPARATION	20	SY	$	$
698.4	GEOTEXTILE FABRIC FOR PERMANENT EROSION CONTROL	340	SY	$	$

Item	Item Description	Quantity	Unit	(1) Unit Price	(2) Total Value
748	MOBILIZATION	1	LS	$	$
751	LOAM FOR ROADSIDES	5	CY	$	$
765	SEEDING	165	SY	$	$
767.121	SEDIMENT CONTROL BARRIER	480	FT	$	$
853.2	TEMPORARY BARRIER (TL-2)	50	FT	$	$
899	POLICE DETAILS (Allowance)	35,000	$	$ 1.00	$ 35,000.00
983.35	STREAMBED MATERIAL REMOVED AND RELAID	10	CY	$	$
983.36	BEACH MATERIAL REMOVED AND RELAID	20	CY	$	$
986.21	MODIFIED ROCKFILL WITH GRAVEL PACKED VOIDS	5	CY	$	$
991.3	CONTROL OF WATER - CULVERT NO. M-XX-XXX(AAA)	1	LS	$	$
995.011	CULVERT STRUCTURE, CULVERT NO. M-XX-XXX(AAA)	1	LS	$	$
TOTAL BID FOR COMPARISON (3)				$	

TOTAL BID PRICE FOR COMPARISON (In words)

The above unit prices shall include all labor, materials, bailing, shoring, removal, overhead, profit, insurance, etc., to cover the finished work.

The Bidder understands that all bids for this project are subject to the applicable bidding laws of the Commonwealth of Massachusetts, including General Laws Chapter 30, Section 39M, as amended.

The Bidder understands that the Owner reserves the right to reject any or all bids and to waive any informalities in the bidding.

The Bidder agrees that this bid shall be good and may not be withdrawn for a period of 60 days after the opening of bids.

Within 10 days of receipt of the written notice of acceptance of this bid, the Bidder will execute the formal Agreement set forth in Section 00500 CONTRACT.

Bid security is attached in the sum of five percent (5%) of the total bid in accordance with the conditions of Section 00100 INSTRUCTIONS TO BIDDERS. The bid security may become the property of the Owner in the event the contract and bond are not executed within the time set forth above.

The selected Contractor shall furnish a performance bond and a payment bond in an amount at least equal to one hundred percent (100%) of the contract price in accordance with Section 00610 PERFORMANCE BOND, Section 00620 PAYMENT BOND, and as stipulated in Section 00700 GENERAL CONDITIONS of the specifications.

The undersigned offers the following information as evidence of his qualifications to perform the work as bid upon according to all the requirements of the plans and specifications.

1. Have been in business under present name for ____ years.

2. The names and addresses of all persons interested in the bid (if made by a partnership or corporation) as principals, are as follows:

   _____

   _____

   _____

   _____

   _____

   _____

   (attach supplementary list if necessary)

3. The bidder is requested to state below what work of a similar character to that included in the proposed contract he has done, and give references that will enable the Owner to judge his experience, skill and business standing (add supplementary page if necessary).

Project Name: _____

Completion Date: _____

Contract Amount: _____

Design Engineer: _____

Reference Name:_____

Reference Relationship to Project:_____

Telephone Number:_____

Project Name: _____

Completion Date: _____

Contract Amount: _____

Design Engineer: _____

Reference Name:_____

Reference Relationship to Project:_____

Telephone Number:_____

Project Name: _____

Completion Date: _____

Contract Amount: _____

Design Engineer: _____

Reference Name:_____

Reference Relationship to Project:_____

Telephone Number:_____

Project Name: _____

Completion Date: _____

Contract Amount: _____

Design Engineer: _____

Reference Name:_____

Reference Relationship to Project:_____

Telephone Number:_____

Project Name: _____

Completion Date: _____

Contract Amount: _____

Design Engineer: _____

Reference Name:_____

Reference Relationship to Project:_____

Telephone Number:_____

Project Name: _____

Completion Date: _____

Contract Amount: _____

Design Engineer: _____

Reference Name:_____

Reference Relationship to Project:_____

Telephone Number:_____

Project Name: _____

Completion Date: _____

Contract Amount: _____

Design Engineer: _____

Reference Name:_____

Reference Relationship to Project:_____

Telephone Number:_____

Bank Reference

Name of Reference:_____

Name of Bank:_____

Address: _____

Telephone Number:_____

Pursuant to M.G.L. CH. 62C, Sec. 49A, I certify hereby in writing, under penalties of perjury, that the within named Bidder/Contractor has complied with all laws of the Commonwealth of Massachusetts relating to taxes, reporting of employees and contractors, and withholding and remitting of child support.

The undersigned Bidder hereby certifies under penalties of perjury, as follows: (1) that he/she is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed in the work; (2) that all employees to be employed at the worksite will have successfully completed a course in construction safety and health approved by the United States Occupational Safety and Health Administration that is at least 10 hours in duration at the time the employee begins work and who shall furnish documentation of successful completion of said course with the first certified payroll report for each employee; and (3) that all employees to be employed in the work subject to this bid have successfully completed a course in construction safety and health approved by the United States Occupational Safety and Health Administration that is at least 10 hours in duration.

The undersigned certifies under penalties of perjury that this bid is in all respects bona fide, fair and made without collusion or fraud with any other person. As used in this paragraph the word "person" shall mean any natural person, joint venture, partnership, corporation or other business or legal entity.

The undersigned certifies under penalty of perjury that the below named contractor is not presently debarred from doing public construction work in the commonwealth under the provisions of section twenty-nine F of chapter twenty-nine, or any other applicable debarment provisions of any other chapter of the General Laws or any rule or regulation promulgated thereunder.

The undersigned bidder hereby certifies, under pains and penalties of perjury, that the foregoing bid is based upon the payment to laborers to be employed on the project of wages in an amount no less that the applicable prevailing wage rates established for the project by the Massachusetts Department of Labor and Workforce Development. The undersigned bidder agrees to indemnify the awarding authority for, from and against any loss, expense, damages, actions or claims, including any expense incurred in connection with any delay or stoppage of the project work arising out of or as a result of (1) the failure of the said bid to be based upon the payment of the said applicable prevailing wage rates or (2) the failure of the bidder, if selected as the contractor, to pay laborers employed on the project the said applicable prevailing wage rates.

Respectfully submitted:

Date: _____ By: _____
(Signature)

_____
(Type Name of Bidder)

_____
(Title)

_____
(Business Address)

_____
(City and State)

_____
(Telephone Number)

CERTIFICATE OF VOTE
(to be filed if Contractor is a Corporation)

I, _____, hereby certify that I am the duly qualified
(Secretary of the Corporation)

and acting Secretary of _____ and I further certify that a meeting of the
(Name of Corporation)

Directors of said Company, duly called and held on _____, at which
(Date of Meeting)

all Directors were present and voting, the following vote was unanimously passed:

VOTED: To authorize and empower

_____

_____

_____

_____

_____

Anyone acting singly, to execute Forms of General Bid, Contracts or Bonds on behalf of the Corporation.

I further certify that the above vote is still in effect and has not been changed or modified in any respect.

By:_____
(Secretary of Corporation)

A True Copy:

Attest:_____
(Notary Public)

My Commission Expires:_____
(Date

Attachment B

REVISED PLANS

STRUCTURE TABLE

STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
CB–105	Water Street	48+36 147.52 (RT)	RIM = 4.59	D–31 OUT = 0.05	
CBCI–101	Water Street	49+18 10.75 (LT)	RIM = 5.56	D–23 OUT = 1.95	
CBCI–103	Water Street	49+20 10.75 (RT)	RIM = 5.55	D–34 OUT = 1.87	
DMH–102	Water Street	49+16 0.00 ()	RIM = 5.78	D–23 IN = 1.89 D–35 OUT = 1.89	PROVIDE 21–INCH KNOCKOUT FOR FUTURE 18–INCH PIPE FROM EAST. IN = 1.89
DMH–106	Water Street	48+47 144.42 (RT)	RIM = 4.68	D–31 IN = –0.07 D–32 OUT = –0.07	
OUTFALL–107	Water Street	48+99 16.92 (RT)	RIM = 3.69	D–30 IN = 1.75	
OUTFALL–108	Water Street	48+89 170.10 (RT)	RIM = 1.43	D–32 IN = –1.13	
WQI–104	Water Street	49+11 16.68 (RT)	RIM = 4.14	D–35 IN = 1.81 D–34 IN = 1.81 D–30 OUT = 1.81	WATER QUALITY INLET

N/F SEASPRAY VENTURES LLC L.C.C. NO. 18402D CERT. NO. 107723 DOC. NO. 590794 37–39 WATER ST 9.0_163.0

N/F NANCY G. KNIGHT AND DEBORAH A. KNIGHT, TRUSTEES OF THE KNIGHT FAMILY NOMINEE TRUST L.C.C. NO. 18402C CERT. NO. 127341 DOC. NO. 775434 41 WATER ST 9.0_164.0

N/F BARBARA D. HILLER, TRUSTEE OF THE BARBARA D. HILLER REVOCABLE TRUST–2011 L.C.C. NO. 18402C CERT. NO. 117042 DOC. NO. 687687 43 WATER ST 9.0_165.0

PROP. TEMP. EASEMENT
PROP. PERM. EASEMENT
PROP. STREAM CHANNEL GRADING (SEE SHEET 10 FOR DETAILS)
(REM.) FLAT STRUCTURE ±0.75' FROM ROAD SURFACE
PROP. TEST PIT TO LOCATE UNDERGROUND UTILITIES
PROP. DMH-102
PROP. 16' 15" CPP PIPE (CONNECT TO EXIST. 15" RCP)
PROP. MASONRY PLUG (TYP.)
PROP. CBCI-101
PROP. 7 LF - 15" RCP
PROP. WATER MAIN RELOCATION 55 LF - 12" DI (2) GATES AND GATE BOXES (4) 22.5 DEGREE BENDS (2) 12" x 10" REDUCERS
SERVICE CONNECTION TO NEW PIPE
PROJECT BEGIN STA 48+50 (EQUALS VHB CONST. BASELINE 239+50.62) N2701346.4844 E844837.9235
PROJECT END STA 49+40 (EQUALS VHB CONST. BASELINE 249+40.62) N2701360.8681 E844926.7667
PROP. CBCI-103
PROP. SMH-202 R=5.87 I(in)=-0.76 (SMH-203) I(out)=-0.79 (SMH-201)
PROP. GAS RELOCATION, B.O.
PROP. 7 LF - 12" RCP
PROP. 14 LF - 18" RCP
PROP. WQI-104
PROP. SMH-203 R=5.75 I(in)=-0.62 (SMH-204) I(out)=-0.65 (SMH-202)
PROP. 9 LF - 18" RCP (CONNECT TO PROP. CULVERT)
TEMPORARY BY PASS PIPE
PROP. 25 LF - 16" CERAMIC EPOXY LINED DUCTILE IRON SEWER PIPE
PROPOSED 3' x 6' PRECAST BOX CULVERT (SEE BRIDGE PLANS FOR DETAILS)
PRECAST REINF. CONC. OUTLET (CONTRACTOR DESIGNED)
PROP. SCOUR PROTECTION
PRECAST REINF. CONC. DRAINAGE VAULT (CONTRACTOR DESIGNED)
PROP. CB-105
PROP. 7 LF - 12" RCP
REM. 10" CPP
PROP. DMH-106
PROP. 46 LF - 24" RCP
REM. STRUCTURE

N/F PRISCILLA H. GENEST (½ INTEREST) AND IRA R. HILLER, III, TRUSTEE OF THE IRA R. HILLER, III REVOCABLE TRUST–2011 (½ INTEREST) L.C.C. NO. 18402B CERT. NO. 65922 DOC. NO. 211022 DOC. NO. 784037 DOC. NO. 687690 WATER ST 9.0_192.0

N/F TOWN OF MATTAPOISETT L.C.C. NO. 18402B CERT. NO. 10347 DOC. NO. 24280 30 WATER ST PART OF 9.0_193.0

N/F TOWN OF MATTAPOISETT BK/PG 2939/349 30 WATER ST PART OF 9.0_193.0

N/F TOWN OF MATTAPOISETT BK/PG 1755/91 30 WATER ST PART OF 9.0_193.0

WATER STREET (PUBLIC)

N80°51'11"E 754.83'

PC +49.55 PT +29.96

APPROX. PROPERTY LINE

~ MATTAPOISETT HARBOR ~

SEWER STRUCTURE DATA

NO.	TYPE	STATION	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
SMH-202	SMH	48+83.4 3.7' RT	5.87	I=-0.76' (SMH-203)	I=-0.79' (SMH-201)	<Structure Data:Notes>
SMH-203	SMH	49+08.2 3.5' RT	5.75	I=-0.62' (SMH-204)	I=-0.65' (SMH-202)	<Structure Data:Notes>

0 20 50 100
SCALE: 1" = 20'

15157.06_HD (DU).DWG 3/18/2026

GPI Engineering Design Planning Construction Inspection
978.570.2999 GPINET.COM
Greenman-Pedersen, Inc.
181 Ballardvale Street, Suite 202
Wilmington, MA 01887

PREPARED FOR
TOWN OF MATTAPOISETT
16 MAIN STREET
MATTAPOISETT,
MASSACHUSETTS

WATER STREET CULVERT REPLACEMENT
WATER STREET CROSSING OVER UNNAMED STREAM AT TOWN BEACH
MATTAPOISETT, MASSACHUSETTS

REVISIONS		
1	ADDENDUM NO. 1	3/18/26
NO.	REVISION	DATE

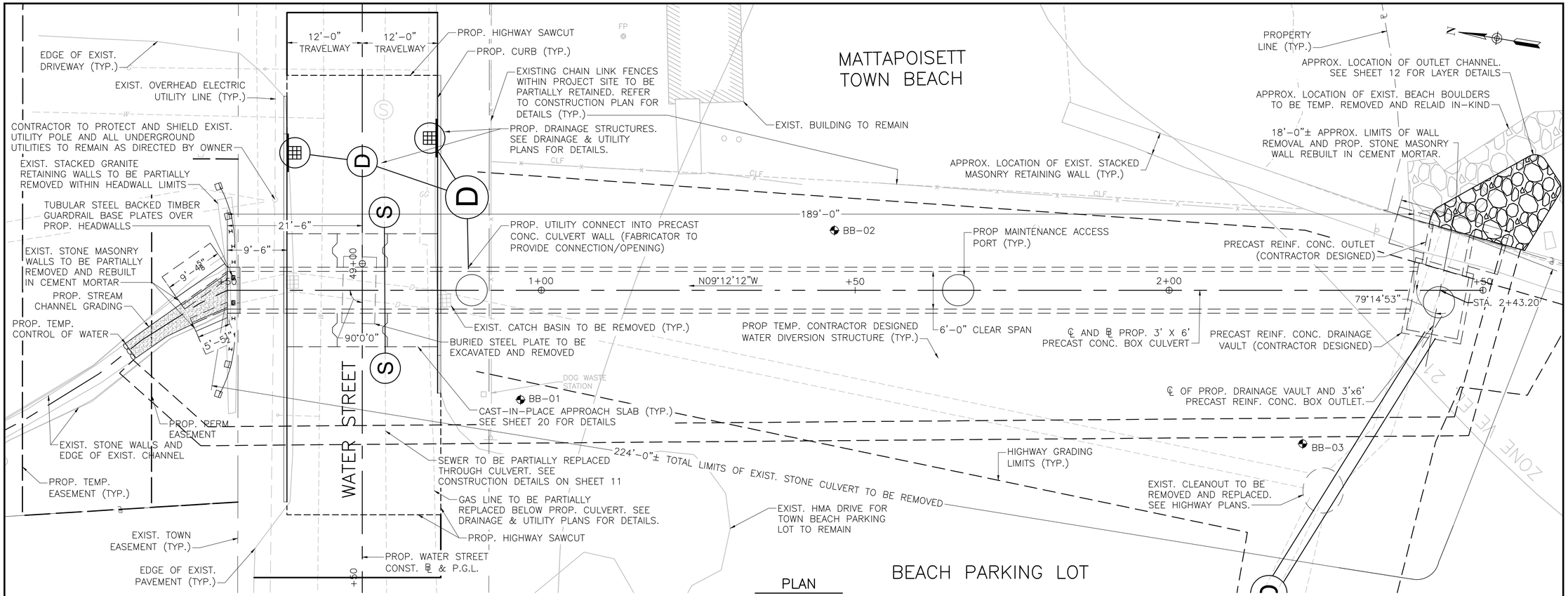
3/4/2026

DRAWN/DESIGN BY	CHECKED BY
MSR	CLS

DRAINAGE & UTILITY PLAN

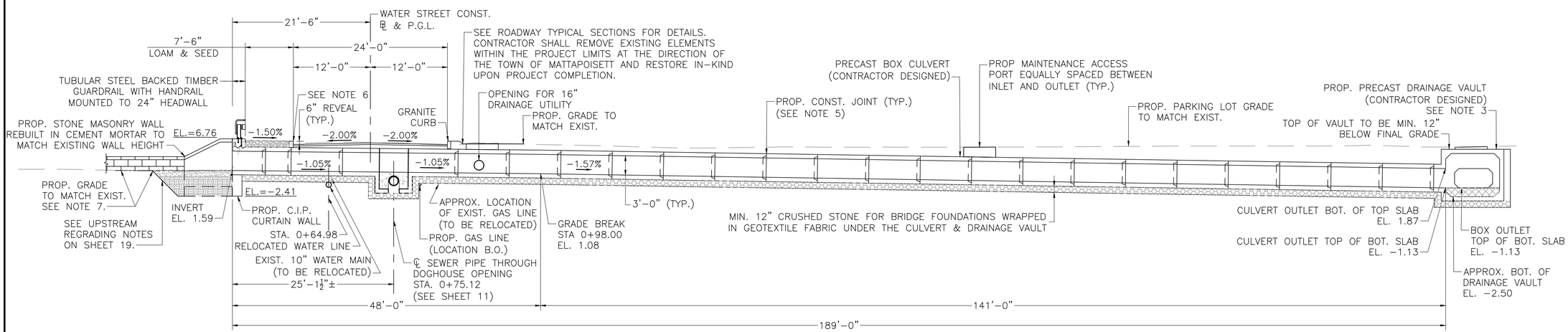
SCALE: 1"=20'

MAX-2015157.09



PLAN

SCALE: 1" = 8'



PROPOSED TRANSVERSE SECTION

SCALE: 1" = 8'

NOTES:

1. WATER STREET BASELINE PROVIDED BY VHB IN CONJUNCTION WITH FUTURE RECONSTRUCTION OF WATER STREET BY MASSDOT PROJECT. ROADWAY MATERIALS ARE TEMPORARY AND FINAL CONDITION TO BE INSTALLED THROUGH FUTURE MASSDOT PROJECT.
2. EXISTING WATER LINE TO BE RELOCATED AND ASBESTOS CONCRETE SEWER PIPE SHALL BE REMOVED AND REPLACED. SEE DRAINAGE & UTILITY PLAN FOR DETAILS.
3. THE SIZE AND LOCATION OF THE EXIST. CLEANOUT STRUCTURE AND INFILTRATION SYSTEM ARE APPROXIMATE. CONTRACTOR SHALL CONFIRM ALL EXISTING GEOMETRY BEFORE REMOVING AND REPLACING SYSTEM COMPONENTS AND CONNECTIONS.
4. CONTRACTOR TO RECORD THE LOCATION OF EXISTING EXPOSED BEACH BOULDERS AT THE EXISTING CULVERT OUTLET. CARE SHALL BE TAKEN BY THE CONTRACTOR TO REMOVE BOULDERS FROM THE BEACH AND STORE THE BOULDERS ON THE SITE. THE SAME PATTERN SHALL BE USED TO INSTALL THE BOULDERS ONCE THE PROPOSED RIPRAP APRON HAS BEEN INSTALLED. SEE SPECIAL PROVISION ITEM 983.36 – BEACH MATERIAL REMOVED AND RELAID.
5. PRECAST CULVERT SEGMENTS ARE SHOWN ON THE PLANS WITH A TYPICAL 8'0" SPACING. BELOW THE OVERHEAD WIRE, 4'–0" SPACING IS SHOWN. THE PRECAST FABRICATOR MAY PROPOSE AN ALTERNATIVE SEGMENT LENGTH FOR APPROVAL BY THE ENGINEER.
6. PROP. GRANITE CURB TYPE VB WITH CEM. CONC. BACKING (SEE SHEET 12 FOR DETAILS)
7. UPSTREAM CHANNEL SHALL BE REGRADED WITHIN THE LIMITS SHOWN ON THE PLANS. EXISTING NATURAL STREAMBED MATERIAL OR AN APPROVED EQUAL SHALL BE PLACED AS SHOWN ON SHEET 10 AND PER SPECIAL PROVISION ITEM 983.35 – STREAMBED MATERIAL REMOVED AND RE-LAID.

15157_BR05_PLAN.DWG 3/16/2026

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PREPARED FOR
TOWN OF MATTAPOISETT
16 MAIN STREET
MATTAPOISETT,
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WATER STREET CULVERT REPLACEMENT

WATER STREET CROSSING OVER UNNAMED STREAM AT TOWN BEACH MATTAPOISETT, MASSACHUSETTS

REVISIONS		
1	ADDENDUM NO. 1	3/18/26
NO.	REVISION	DATE

3/4/2026

DRAWN/DESIGN BY	CHECKED BY
ABG/MAH	RWS

PLAN AND TRANSVERSE SECTION

SCALE: AS NOTED

MAX-2015157.09

Attachment C

CONTECH CDS2025-5-C
INLINE CDS
STANDARD DETAIL

HYMAX®

a MUELLER brand

HYMAX® 2 REDUCER (1.5" - 12")

Product Specifications

FEATURES

- Advanced wide-range coupling with a patented flip gasket.
- Eliminates gasket removal mistakes and maximizes installer work efficiency.
- Using the game-changing HYMAX technology, proven in over 1M installations in the US.
- Suitable for many types of pipe.
- Patented hydraulically-assisted gasket with 2-stage sealing.
- Lightweight construction enables fast and easy installation.
- Allows 4° dynamic deflection per side, reducing future pipe damage.
- One product can connect pipes of two different materials.
- Lifting T-handle exists in all sizes.

SPECIFICATIONS

STANDARDS

- HYMAX reducer meets or exceeds requirements of standards: AWWA C-219, NSF-61, NSF 372.

SIZE

- Available in nominal diameter from 1.5″ - 12″ standard.

MATERIALS

END RING

- ASTM A283/A283M Grade C steel.

CENTER RING

- ASTM A53 Grade A steel.

GASKET

- EPDM compounded for water and sewerage in accordance with ASTM D2000, meets international standards for contact with drinking water.

BRIDGE

- AISI 304 stainless steel, ASTM A240.

SPHERICAL SPACERS

- AISI 304 stainless steel, ASTM A351 CF8.

COATING

- 100% fusion bonded epoxy for enhanced corrosion protection.
- Average thickness 14 mm

BOLTS, NUTS & WASHERS

- AISI 304 stainless steel. Rolled thread and anti-galling coating. ASTM F593, ASTM F594 and ASTM A240 respectively.

JOIN REPAIR RESTRAIN TAP

MUELLER

PRODUCT PERFORMANCE (*)

WORKING TEMPERATURE

- EPDM: -20°F up to +125°F

DYNAMIC DEFLECTION

- Up to 4° per side

MIN. PIPE INSERTION

- 2.25″

MAXIMUM OFFSET FOR MISALIGNED PIPES

- ND 1.5″ - 3″: 0.39″
- ND 4″ - 12″: 0.51″

MAXIMUM OUT OF ROUNDNESS

- ND 1.5″: 0.08″
- ND 2″ - 3″: 0.20″
- ND 4″ - 12″: 0.31″

WORKING PRESSURE

- 260 psi

TEST PRESSURE

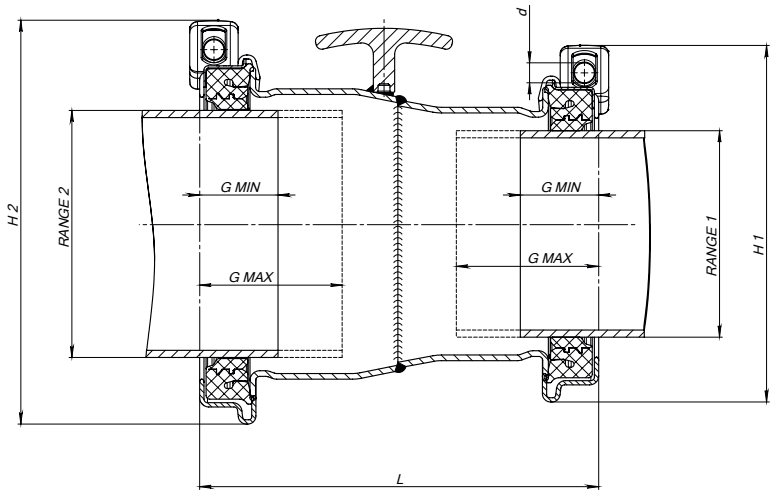
- 390 psi

VACUUM TEST

- 12 psi

* See submittal drawings for details.

PRODUCT TABLES



HYMAX 2 REDUCER NOMINAL SIZES 1.5″ - 12″

HYMAX Part Number	Nominal Diameter (inch)	Overall Range 1 (inch)	Closed Gasket Position 1 (inch)	Open Gasket Position 1 (inch)	Overall Range 2 (inch)	Closed Gasket Position 2 (inch)	Open Gasket Position 2 (inch)	Torque Side 1 (ft - lbs)	Torque Side 2 (ft - lbs)	Bolt Qty. and Size	H1 (inch)	H2 (inch)	L (inch)	Approx. Weight (lbs)
861540041005416	1.5 x 2	1.61 - 2.13	1.61 - 1.97	1.96 - 2.13	2.10 - 3.03	2.10 - 2.60	2.56 - 3.03	35	50	2 - M12	5.0	5.7	8.6	7
861540054008816	2 x 3	2.10 - 3.03	2.10 - 2.60	2.56 - 3.03	3.46 - 4.33	3.46 - 3.90	3.86 - 4.33	50	50	2 - M12	5.7	7.1	7.8	9
861540054010816	2 x 4	2.10 - 3.03	2.10 - 2.60	2.56 - 3.03	4.25 - 5.63	4.25 - 5.00	4.92 - 5.63	50	75	2 - M14	5.7	9.3	13.7	15
861540088010816	3 x 4	3.46 - 4.33	3.46 - 3.90	3.86 - 4.33	4.25 - 5.63	4.25 - 5.00	4.92 - 5.63	50	75	2 - M14	7.1	9.3	8.8	13
861540108013016	4 x 5	4.25 - 5.63	4.25 - 5.00	4.92 - 5.63	5.12 - 6.38	5.12 - 5.75	5.71 - 6.38	75	75	2 - M14	9.3	10.0	9.8	16
861540108016316	4 x 6	4.25 - 5.63	4.25 - 5.00	4.92 - 5.63	6.42 - 7.68	6.42 - 7.05	7.01 - 7.68	75	75	2 - M14	9.3	11.3	9.8	20
861540130016316	5 x 6	5.12 - 6.38	5.12 - 5.75	5.71 - 6.38	6.42 - 7.68	6.42 - 7.05	7.01 - 7.68	75	75	2 - M14	10.0	11.3	10.8	20
861540163019016	6 x 7	6.42 - 7.68	6.42 - 7.05	7.01 - 7.68	7.48 - 8.74	7.48 - 8.11	8.07 - 8.74	75	75	2 - M14	11.3	12.2	10.8	22
861540163021716	6 x 8	6.42 - 7.68	6.42 - 7.05	7.01 - 7.68	8.54 - 9.84	8.54 - 9.17	9.13 - 9.84	75	75	2 - M14	11.3	13.1	10.8	24
861540190021716	7 x 8	7.48 - 8.74	7.48 - 8.11	8.07 - 8.74	8.54 - 9.84	8.54 - 9.17	9.13 - 9.84	75	75	2 - M14	12.2	13.1	10.8	26
861540217027216	8 x 10	8.54 - 9.84	8.54 - 9.17	9.13 - 9.84	10.70 - 12.00	10.70 - 11.37	11.33 - 12.00	75	75	2 - M14	13.1	15.6	10.8	29
861540217031516	8 x 12	8.54 - 9.84	8.54 - 9.17	9.13 - 9.84	12.40 - 13.66	12.40 - 13.03	12.99 - 13.66	75	80	2 - M14	13.1	17.5	10.8	47
861540272027816	10 x 10	10.70 - 12.00	10.70 - 11.37	11.33 - 12.00	10.96 - 12.26	10.96 - 11.63	11.59 - 12.26	75	75	2 - M14	15.6	15.8	10.8	32
861540272031516	10 x 12	10.70 - 12.00	10.70 - 11.37	11.33 - 12.00	12.40 - 13.66	12.40 - 13.03	12.99 - 13.66	75	80	2 - M14	15.6	17.5	10.8	36
861540278031516	10 x 12	10.96 - 12.26	10.96 - 11.63	11.59 - 12.26	12.40 - 13.66	12.40 - 13.03	12.99 - 13.66	75	80	2 - M14	15.8	17.5	10.8	36
861540278033416	10 x 12	10.96 - 12.26	10.96 - 11.63	11.59 - 12.26	13.15 - 14.41	13.15 - 13.78	13.74 - 14.41	75	80	2 - M14	15.8	18.1	10.8	36
861540315033416	12 x 12	12.40 - 13.66	12.40 - 13.03	12.99 - 13.66	13.15 - 14.41	13.15 - 13.78	13.74 - 14.41	80	80	2 - M14	17.5	18.1	10.8	37

To learn more, visit HymaxUSA.com.

F 14534 PS0053 05/2023

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