



GUAM WATERWORKS AUTHORITY

Gloria B. Nelson Public Service Building • 688 Route 15, Mangilao, Guam 96913 • Tel. (671) 300-6035

Invitation To Bid: IFB-07-ENG-2020
Casimiru Waterline Replacement
GWA Project No. W20-003-BND

Addendum No.: Addendum 01

Date: November 13, 2020

All Qualified Bidders:

This addendum is issued to modify the previously issued bid documents and/or given for informational purposes, and is hereby made a part of the bid documents. Failure to acknowledge receipt of this addendum shall be grounds for the bidder's disqualification and rejection of the bidder's proposal.

1. Part A – GWA Request for Information Response No. 1 to Contractor Inquiries

GWA's Response No. 1 to contractor RFI inquiries is attached to this Addendum.

2. Part B – Modifications to Contract Bid Documents

a. Division 00410 - Bid Form

Remove and Replace in its entirety Section 00410 Bid Form with revised Section 00410 Bid Form – Addendum 1 as attached to this addendum.

b. Division 00900 – Procurement Checklist

Remove and Replace Appendix E form with revised Appendix E as attached to this addendum.

c. Drawing Sheet C-100 – PLAN - Casimiru St. Waterline

Remove and Replace in its entirety Sheet C-100 with the attached revised Sheet C-100.

d. Drawing Sheet MD-101 – MISCELLANEOUS DETAILS

Remove and Replace in its entirety Sheet MD-101 with the attached revised Sheet MD-101.

Bidders are also notified to visit GWA website: www.guamwaterworks.org to ensure that addenda to the bid, answers to questions, and reminders are communicated to all bidders throughout the solicitation process.



MIGUEL C. BERNALDO, P.E.
General Manager

Attachment(s):

Response No. 1 to RFI
Revised Bid Form
Revised Appendix E
Revised Sht. C-100
Revised Sht. MD-101

MCB;gb



Casimiru Waterline Replacement
GWA Project No. W20-003-BND
IFB-07-ENG-2020
RFI Response No. 1 to Contractor Inquiries

This Addendum and/or Response to Request for Information (RFI) is issued to modify the previously issued bid documents and/or given for informational purposes and to the extent the responses below modify the bid documents, please treat them as an amendment to the Bid. The following responses are in response to RFIs received.

	REFERENCE	QUESTION/INQUIRY AS SUBMITTED:	GWA RESPONSE:
Questions from November 9, 2020			
1		Drawing Sheet No . C 100 and C 101 Shown 4 each of fire hydrants to be installed at: STA. 3+32.00 S TA 10+0 8.00 STA 13+47.57 STA 3+26.00 Bid Schedule at Item 2.5 shown 3 each fire hydrants only shall be installed. Please confirm which will govern.	Fire hydrant at Sta. 3+26.00 is deleted. See Addendum No. 1.
2		2) During our site visit, we noticed the existing 6 Air Relief valve at left side of the road at Casimiru St., Please confirm if the existing ARV shall be re used.	Existing air relief valve shall not be reused.
3		We would like to clarify if Appendix E and F are needed to submit during the bidding submittal since in the title it says "Include with Bid". We believe that these documents are needed only during construction. Please advise. Also, the project name on Appendix E did not match to the project.	Appendix E and F are not to be submitted with the bid. See Addendum No. 1.

Bidders are also notified to visit GWA website: www.guamwaterworks.org to ensure that addenda to the bid, answers to questions, and reminders are communicated to all bidders throughout the solicitation process.



MIGUEL C. BORDALLO, P.E.
General Manager

MCB;gb

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BID FORM

ARTICLE 1- BID RECIPIENT

1.01 This Bid is submitted to:

Guam Waterworks Authority
Engineering Division, Room 202
Gloria B. Nelson Public Service Building
688 Route 15
Mangilao, Guam 96913

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into a Contract with Buyer in the form included in the Bidding Documents to furnish the Goods and Special Services as specified or indicated in the Bidding Documents, for the prices and within the times indicated in this Bid, and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2- BIDDER'S ACKNOWLEDGMENTS

2.02 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Buyer.

ARTICLE 3- BIDDER'S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, the related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged:

Addendum No.	Addendum Date

B. Bidder has visited the site where the Goods are to be installed or Special Services will be provided and become familiar with and is satisfied as to the local conditions that may affect cost, progress, or the furnishing of Goods and Special Services, if required to do so by the Bidding Documents, or if, in Bidder's judgment, any local condition may affect cost, progress, or the furnishing of Goods and Special Services.

C. Bidder is familiar with and is satisfied as to all Laws and Regulations in effect as of the date of the Bid that may affect cost, progress, and the furnishing of Goods and Special Services.

- D. Bidder has carefully studied, considered, and correlated the information known to Bidder; information commonly known to sellers of similar goods doing business in the locality of the Point of Destination and the site where the Goods will be installed or where Special Services will be provided; information and observations obtained from Bidder's visits, if any, to the Point of Destination and the site where the Goods will be installed or Special Services will be provided; and any reports and drawings identified in the Bidding Documents regarding the Point of Destination and the site where the Goods will be installed or where Special Services will be provided, with respect to the effect of such information, observations, and documents on the cost, progress, and performance of Seller's obligations under the Bidding Documents.
- E. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, and discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution (if any) thereof by Engineer is acceptable to Bidder.
- F. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for furnishing the Goods and Special Services for which this Bid is submitted.

ARTICLE 4- BIDDER'S CERTIFICATIONS

4.01 Bidder certifies that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
 - 1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process;
 - 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Buyer, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Buyer of the benefits of free and open competition;
 - 3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Buyer, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
 - 4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process.

ARTICLE 5- BASIS OF BID

5.01 Bidder will furnish the Goods and Special Services in accordance with the Contract Documents for the following price(s):

Casimiru Waterline Replacement Project GWA Project No. W20-003-BND

BID SCHEDULE

Base Bid Description: The Base Bid generally consists of complete performance of work (materials, labor, and equipments) required for the replacement of existing 6-inch asbestos cement pipe with new 6-inch PVC pipes and appurtenances; reconnection of existing service connections and tapping to the main line, installation of fire hydrants, asphalt road restoration, and testing, complete in place and ready for use.

Pay Item	Description	BASE BID			
		Qty.	Unit	Unit Cost	Sub-Total
1.0 General Requirements					
1.1	Mobilization/Demobilization	1	LS		
1.2	Bonding Fee & Insurance	1	LS		
1.3	Permit Application Fee	1	LS		
1.4	Right of Way Confirmation	1	LS		
1.5	Preparation of construction documents (specifications and drawings signed and sealed by Professional Engineer licensed in Guam)	1	LS		
1.6	Traffic Maintenance (Flagmen, signs, cones, & steel plates)	1	LS		
2.0 Pipe Replacement					
2.1	New 6" diameter PVC pipes including fittings, thrust blocks, excavation, backfill, bedding, and flowable fill, complete in place	2,560	LF		
2.2	Reconnection of existing house laterals with single or double meters to new waterline including pipe, fittings, excavation, backfilling, and bedding, complete in place	30	EA		
2.3	Reconnection of existing fire hydrants to new waterline including pipe, fittings, excavation, backfilling, and bedding, complete in place	3	EA		
2.4	6" Gate Valve, MJ including valve box frame and cover, stand pipe, concrete collar, and concrete support, complete in place	3	EA		
2.5	Fire Hydrant Assembly, complete in place	3	EA		
2.6	Air Relief Valve Assembly, complete in place	3	EA		
2.7	Blow-off- Valve Assembly, complete in place	4	EA		
2.8	Asphalt Road Demolition and Restoration, including 2" thick hot mix asphalt	1,500	SY		

2.9	Pressure Testing and Disinfection of New Waterline	1	LS		
2.10	Connect new waterline to the existing gate valve including fittings, complete in place	1	LS		
2.11	Abandon existing waterline in place with cap/plug	1	LS		
2.12	Reconnect Existing PRV to new Waterline per drawing detail 6/MD-101. including valves, fittings, and AC Pavement Restoration, complete in place	1	LS		
3.0 Project Completion					
3.1	As-built drawings	1	LS		
Total Bid Price					

Total Bid Price (in words)

This Contract will be awarded to the lowest responsive and responsible bidder based on the total Base Bid Schedule. Determination of the lowest responsive and responsible bidder will be in accordance with the provisions of the Bid Documents.

Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents. Bidder also acknowledges that each unit price includes an amount considered by Bidder to be adequate to cover Bidder's overhead and profit for each separately identified item.

ARTICLE 6- TIME OF COMPLETION

6.01 Bidder agrees that the furnishing of Goods and Special Services will conform to the schedule set forth in Article 5 of the Agreement.

6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7- ATTACHMENTS TO THIS BID

7.01 The following documents are attached to and made a condition of this Bid:

- A. Required Bid security in the form of _____.
- B. List of Proposed Major Suppliers;
- C. Required Bidder Qualification Statement with Supporting Data.

ARTICLE 8- DEFINED TERMS

- 8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 9- BID SUBMITTAL

- 9.01 This Bid submitted by:

If Bidder is:

An Individual

Name (typed or printed): _____

By: _____
(Individual's signature)

Doing business as: _____

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

A Partnership

Partnership Name: _____
(SEAL)

By: _____
(Signature of general partner - attach evidence of authority to sign)

Name (typed or printed): _____

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

A Corporation

Corporation Name: _____

State of Incorporation: _____

Type (General Business, Professional, Service, other): _____

By: _____
(Signature - attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

(CORPORATE SEAL)

Attest _____

(Signature of Corporate Secretary)

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

A Limited Liability Company (LLC)

LLC Name: _____

State in which organized: _____

By: _____

(Signature - attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

A Joint Venture

First Joint Venturer Name: _____ (SEAL)

By: _____

(Signature - attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

Second Joint Venturer Name: _____ (SEAL)

By: _____

(Signature - attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

Phone and Facsimile Number, and Address for receipt of official communications to Joint Venture: _____

(Each joint venturer must sign. The manner of signing for each individual, partnership, corporation, and limited liability company that is a party to the joint venture should be in the manner indicated above.)

APPENDIX E

INSTRUCTIONS

EEO REPORT PR 1391 GUAM

This Report shall be submitted to the GWA Engineering Division by each Contractor or Sub-Contractor for the first three (3) months of their work--and for the month of July. Sub-Contractors should report Contract and employment data pertaining to their sub-contract work only.

The manpower figures to be reported under employment data shall represent the Project work force on board in whole or in part for the last payroll period preceding the end of the month.

The manpower figures to be reported in Table A shall include **all employees of the bidder**, including managers, administrative personnel, journeyman, apprentices, and all on the job employees including journeyman, apprentices and trainees.

The manpower figures to be reported in Table B shall **only** include all **“on-the-job”** employees (employees who are to be working on this project).

☐ Contractor

☐ Sub-Contractor(s)

PROJECT:

NAME AND ADDRESS OF FIRM:

TYPE OF CONSTRUCTION:

VILLAGE AND TERRITORY:

PERCENT COMPLETED: _

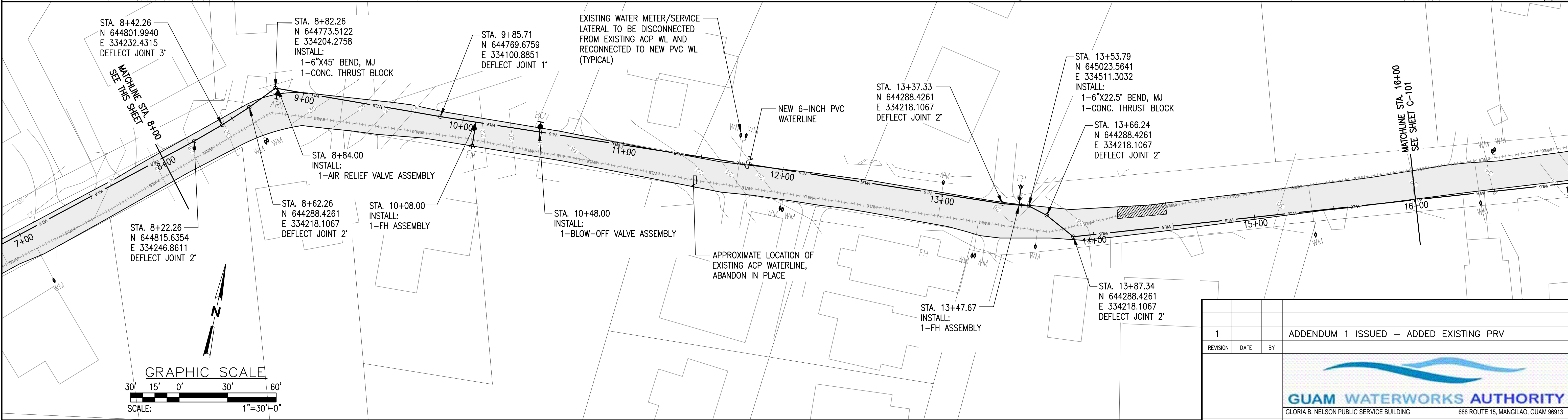
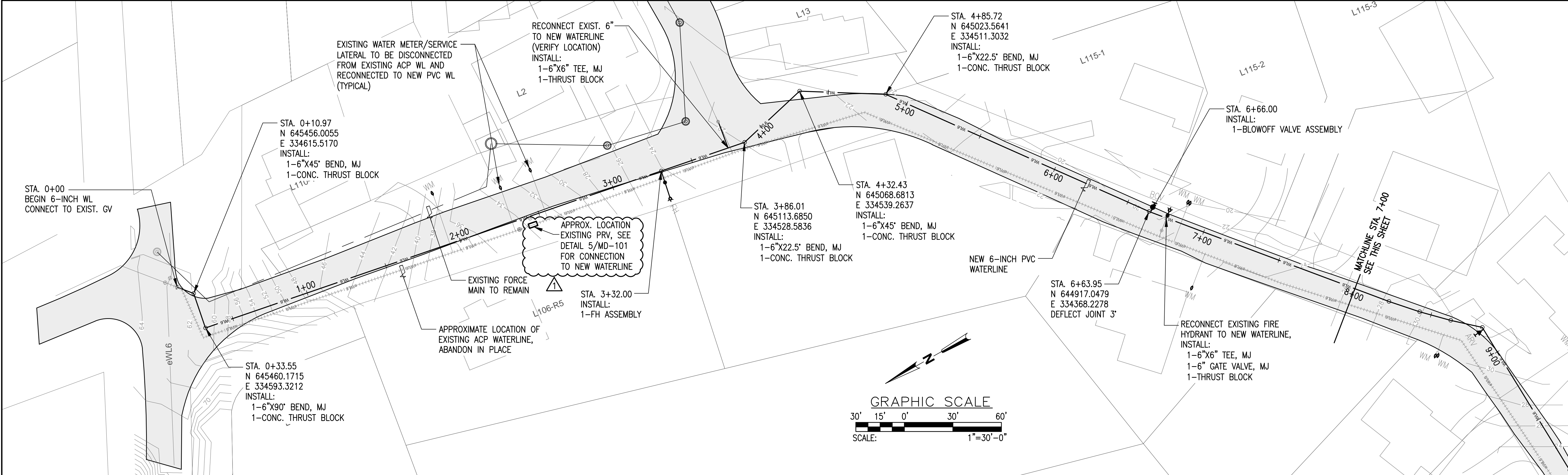
LAST AMOUNT:

BEGAN CONSTRUCTION: _

ESTIMATED PEAK EMPLOYMENT:

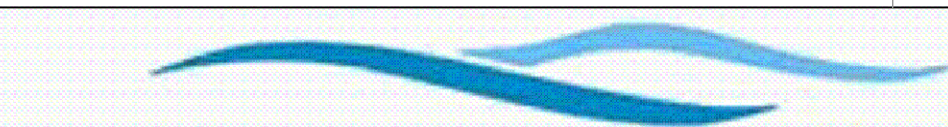
MONTH & YEAR:

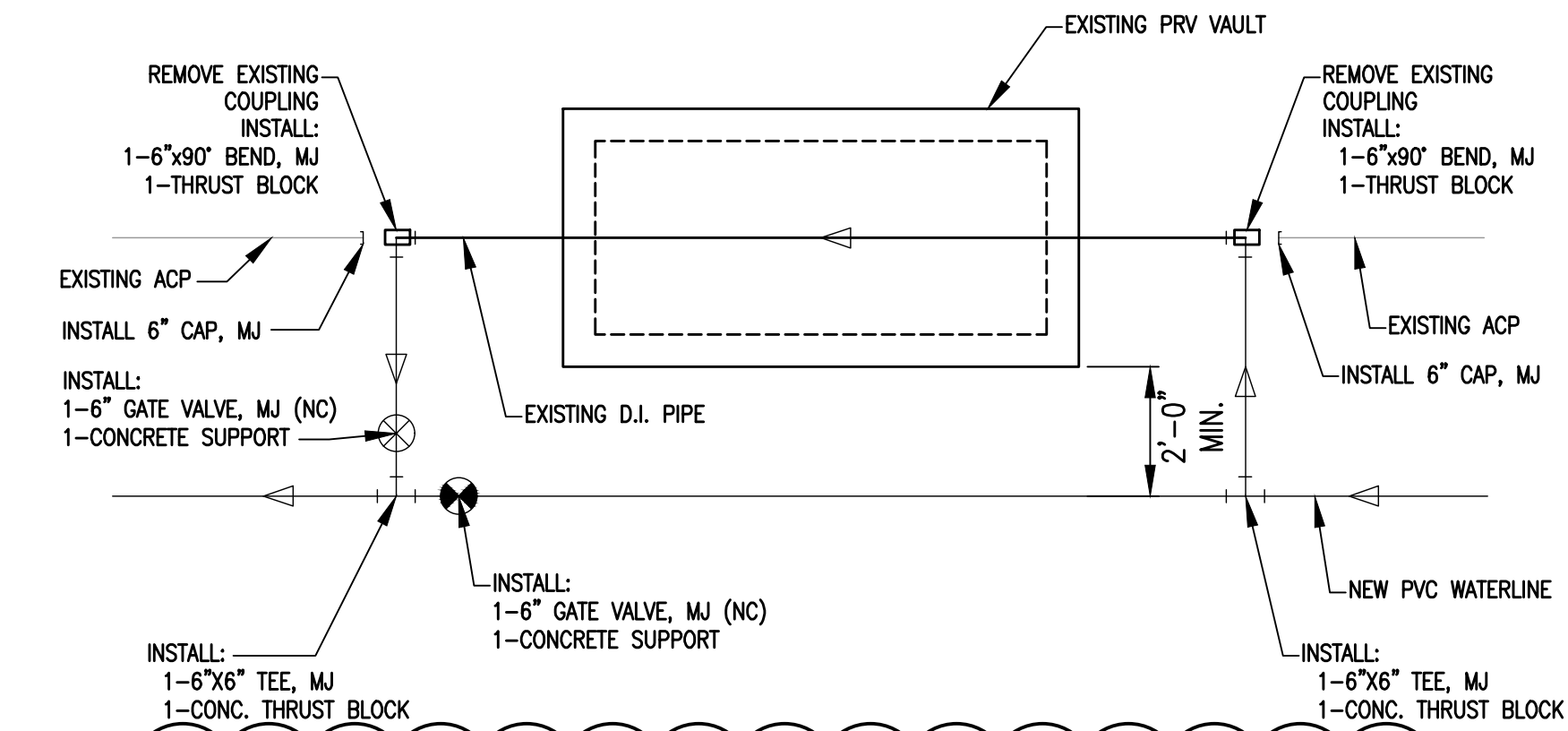
NUMBER OF EMPLOYEES:



1 PLAN - CASIMIRU ST. WATERLINE (STA. 0+00 TO STA. 16+00)
HORIZ. SCALE: 1"=30'-0"

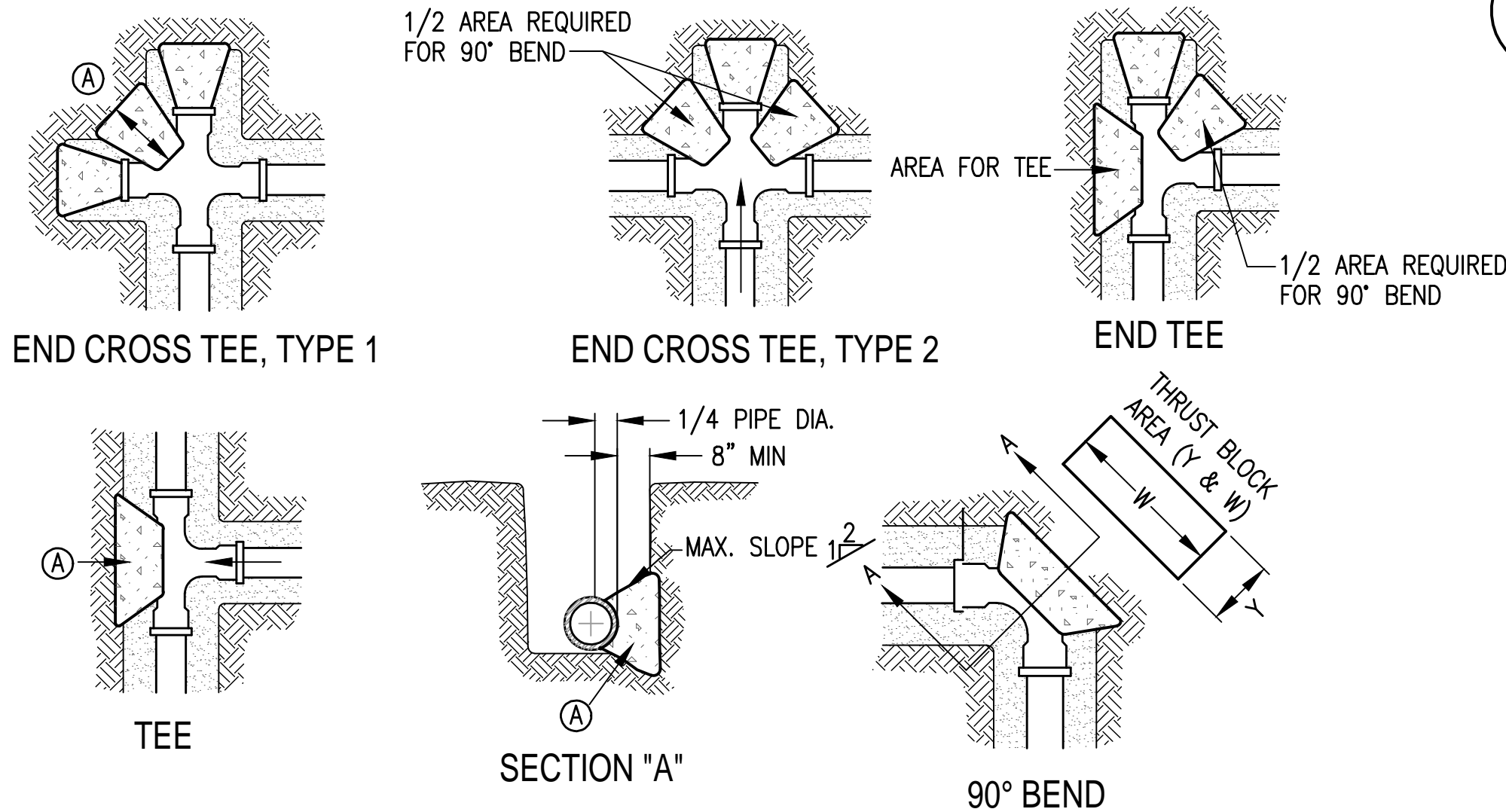
This drawing was prepared by me
or was under my direct supervision.

1			ADDENDUM 1 ISSUED – ADDED EXISTING PRV		
REVISION	DATE	BY			
<div>GWA PROJECT NUMBER</div> <div>IN-HOUSE DESIGN</div> <div>ENGINEERING DIVISION</div>			<div></div> <div>GUAM WATERWORKS AUTHORITY</div> <div>GLORIA B. NELSON PUBLIC SERVICE BUILDING 688 ROUTE 15, MANGILAO, GUAM 96913</div>		
			PROJECT:		
			CASIMIRU ST. WATERLINE REPLACEMENT		
DES. BY:	CHK. BY:	CONTENTS:		ID NO.:	XXX-XXXX
DRN. BY:	CHK. BY:			SHEET NO.:	C-100
CHIEF ENGR:				SHEET	



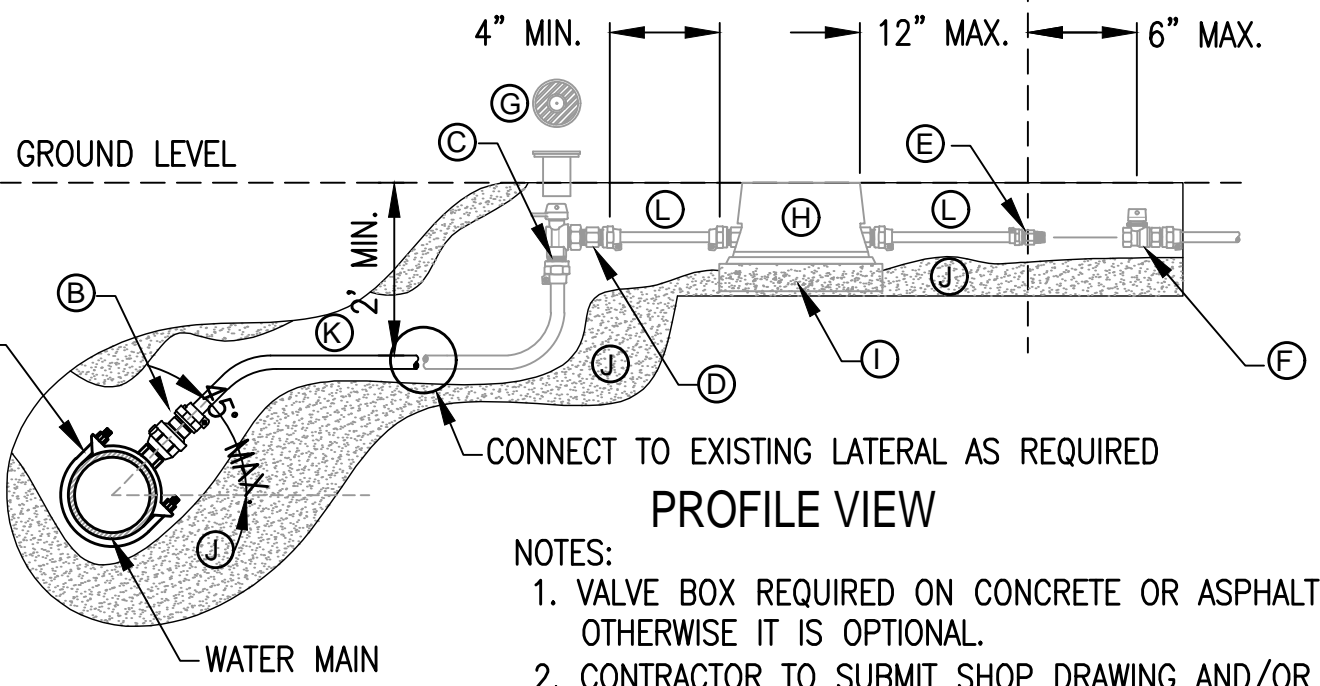
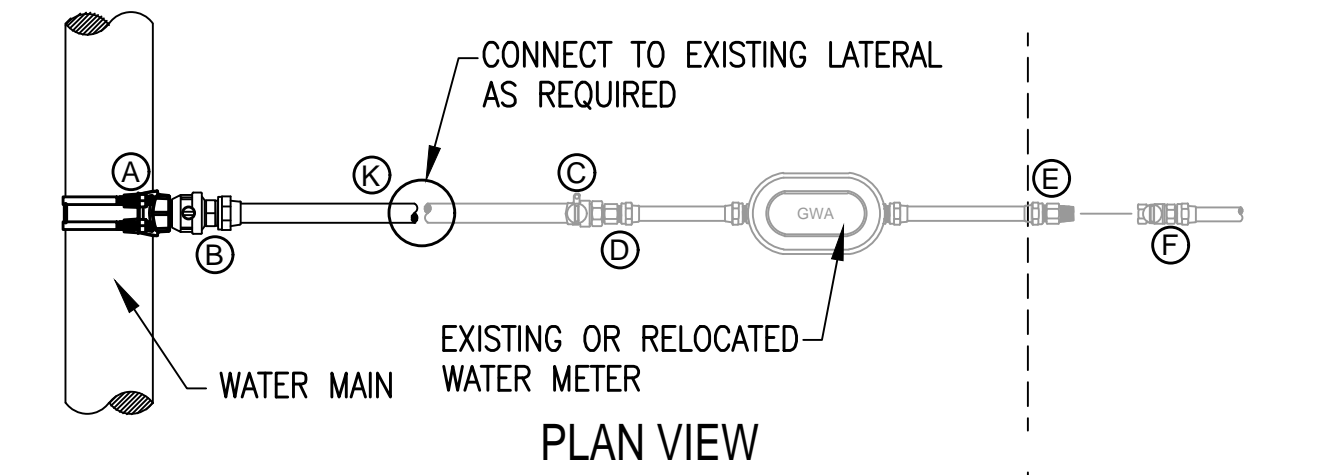
6 CONNECTION TO EXISTING PRV
NOT TO SCALE

- NOTES:**
1. TABLE IS BASED ON 2000#/SQ. FT. SOIL. IF CONDITIONS ARE FOUND TO INDICATE SOIL BEARING IS LESS, THE AREAS SHALL BE INCREASED ACCORDINGLY.
 2. AREAS FOR PIPE LARGER THAN 18" SHALL BE CALCULATED.
 3. CONCRETE SHALL HAVE A MINIMUM COMPRESSION STRENGTH OF 2500 PSI.
 4. THRUST BLOCK IS TO EXTEND TO UNDISTURBED SOIL.
 5. SIZE MAY BE DECREASED FOR LESSER DEGREE BENDS AS DETERMINED BY ENGINEER.
 6. KEEP CONCRETE CLEAR OF M.J. OR BELL AND SPIGOT JOINTS.
 7. BLOCK IN A SIMILAR MANNER AT TEES, HYDRANTS, PLUG OR OTHER LOCATIONS AS REQUIRED.
 8. WHEN NECESSARY ADDITIONAL THRUST RESTRAINT METHODS MAY BE USED, SUCH AS MECHANICAL JOINT RESTRAINTS, TIE-RODS RECOMMENDATIONS) OR OTHER APPROVED METHODS.
- | PIPE SIZE | WATER PIPE | |
|-----------|----------------------------|-----------------------|
| | TEE, DEAD END AND 90° BEND | 45° AND 22 1/2° BENDS |
| 4" & LESS | 3 SQ. FEET | 3 SQ. FEET |
| 6" | 4 SQ. FEET | 3 SQ. FEET |
| 8" | 6 SQ. FEET | 3 SQ. FEET |
| 10" | 9 SQ. FEET | 5 SQ. FEET |
| 12" | 13 SQ. FEET | 7 SQ. FEET |
| 16" | 23 SQ. FEET | 12 SQ. FEET |
| 18" | 29 SQ. FEET | 15 SQ. FEET |
- CONSTRUCTION KEY NOTES:**
- A. LENGTH "Y & W" AS REQUIRED TO OBTAIN BEARING AREA AGAINST UNDISTURBED SOIL.
 - B. MINIMUM THRUST BLOCK AREA REQUIREMENTS FOR (Y & W) AS FOLLOWS:

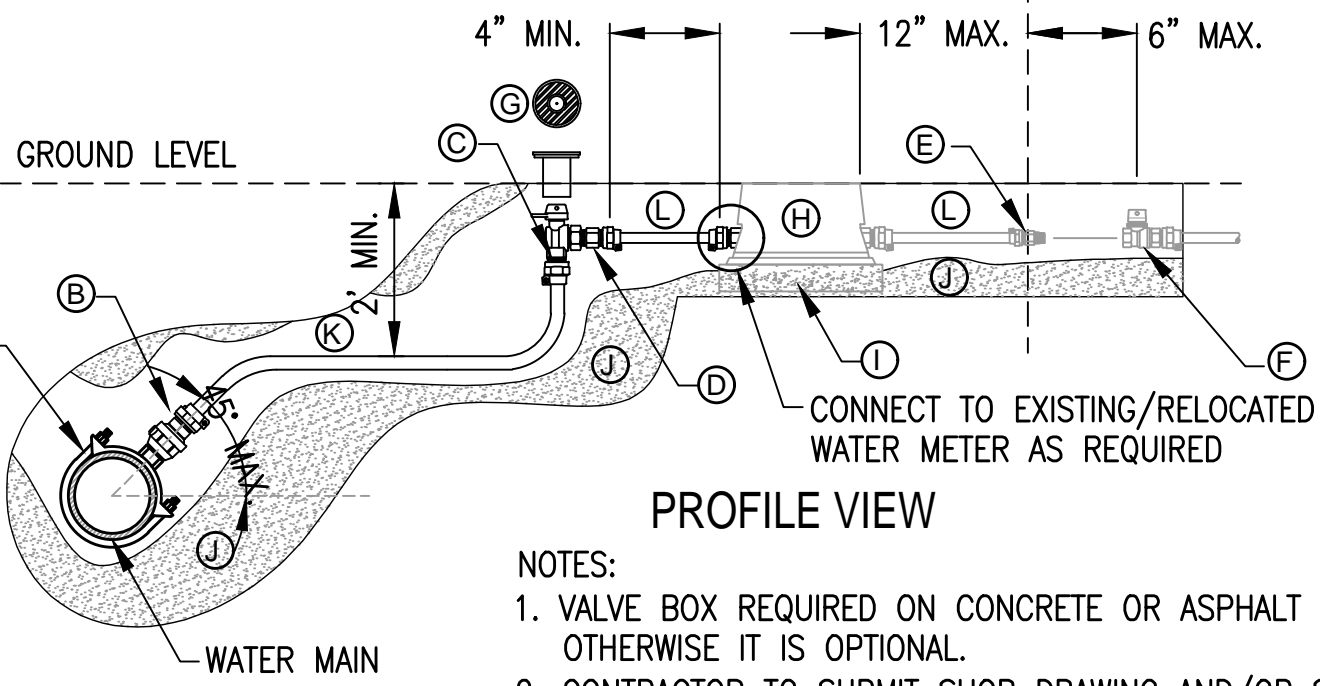
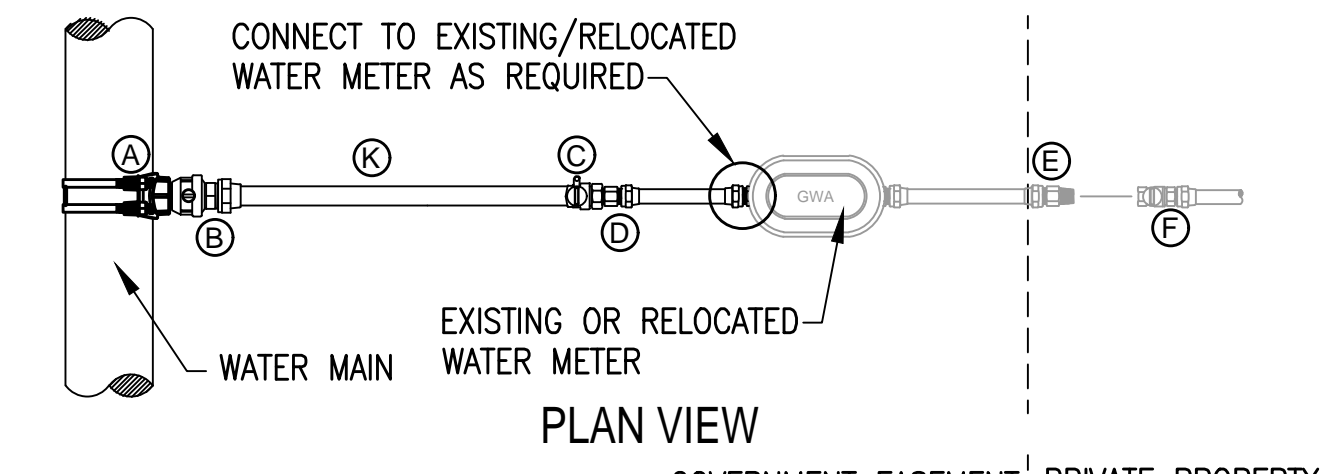


5 CONCRETE THRUST BLOCK SCHEDULE
NOT TO SCALE

SCHEDULE OF FITTINGS	
ITEM	DESCRIPTION
A	1"x(SIZE OF MAIN) STAINLESS STEEL DOUBLE STRAP SERVICE SADDLE (FEMALE CC TAPER THREADING)
B	1"x1" BALL CORP STOP (MALE CC TAPER THREADING BY PACK JOINT FOR CTS)
C	1" BRASS ANGLE BALL VALVE (PACK JOINT FOR CTS IN BY FEMALE IP OUT)
D	1" MALE IP X 3/4" CTS PACK JOINT BRASS REDUCING COUPLING
E	3/4" MALE IP X 3/4" CTS PACK JOINT BRASS REDUCING COUPLING
F	PRIVATE 3/4" BRASS BALL VALVE
G	VALVE BOX WITH COVER**
H	3/4" METER BOX ASSEMBLY WITH INLET AND OUTLET CTS PACK JOINT FITTINGS
I	16"x12"x12" CONCRETE SLAB
J	BEDDING SAND 3/8" MINUS
K	1" CTS TUBING (CL 200 HDPE W/ 1" STAINLESS STEEL INSERTS (2 3/8" MINIMUM LENGTH) OR COPPER TYPE K)
L	3/4" CTS TUBING (HDPE W/ 3/4" STAINLESS STEEL INSERTS OR COPPER TYPE K)

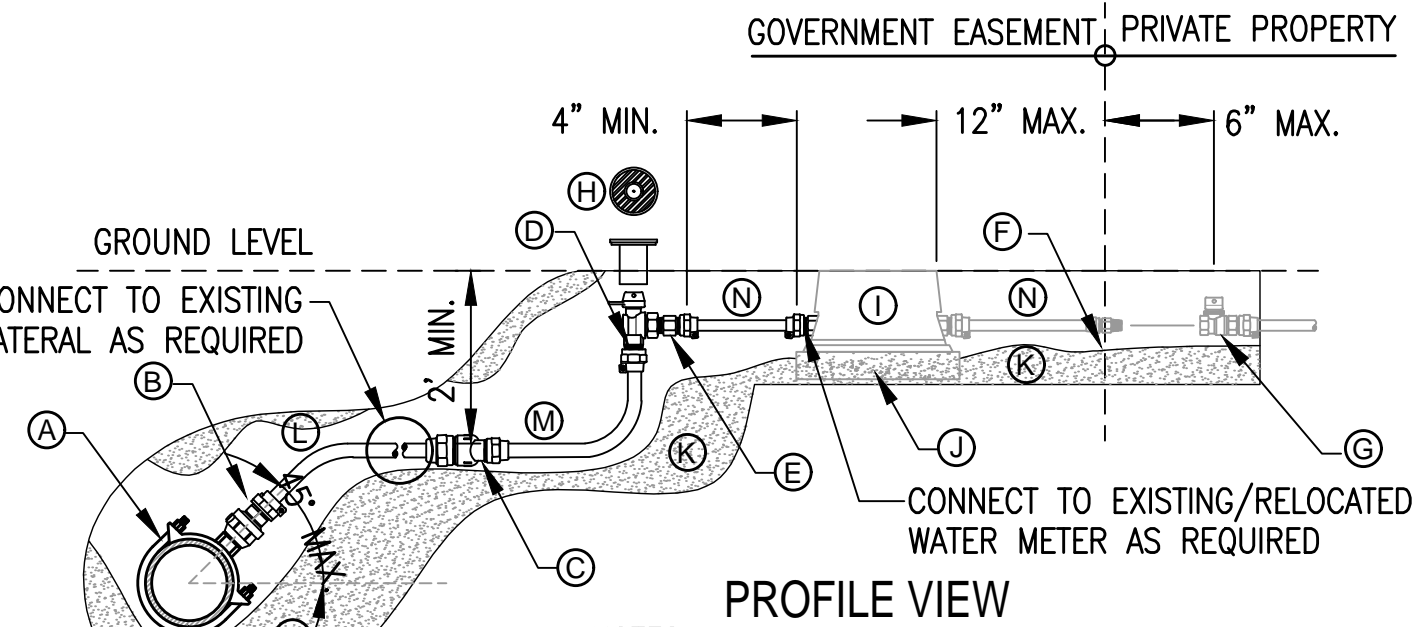
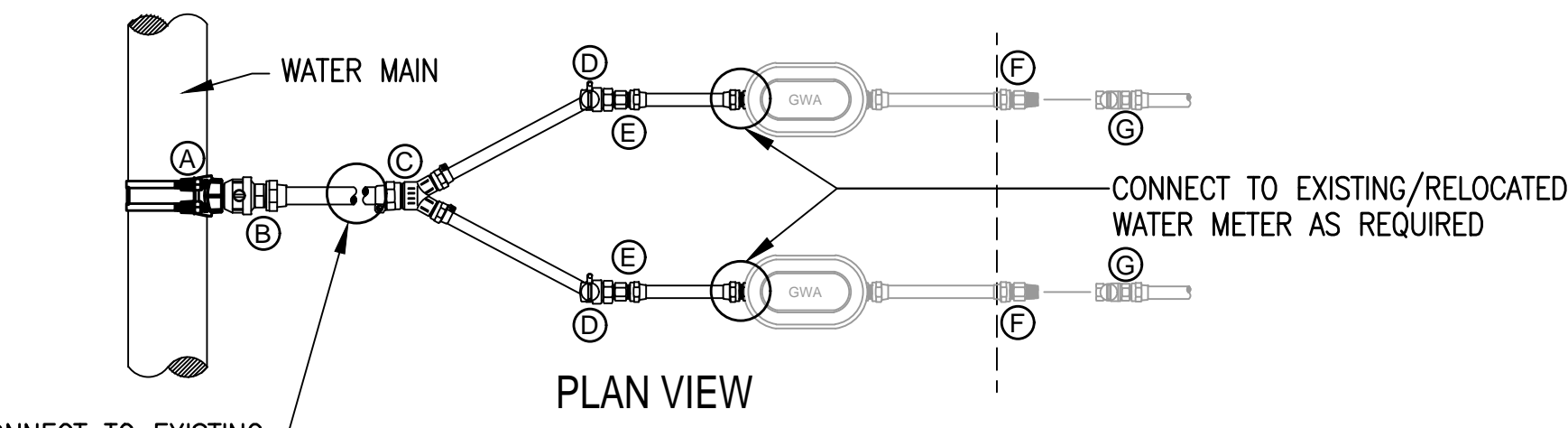


2 SERVICE CONN. TO EXIST. LATERAL (TYPE 1)
SCALE: NTS




3 SERVICE CONN. TO EXIST. METER (TYPE 1)
SCALE: NTS

SCHEDULE OF FITTINGS	
ITEM	DESCRIPTION
A	1 1/2"x(SIZE OF MAIN) STAINLESS STEEL DOUBLE STRAP SERVICE SADDLE (FEMALE CC TAPER THREADING)
B	1 1/2"x1 1/2" BALL CORP STOP (MALE CC TAPER THREADING BY PACK JOINT FOR CTS)
C	1 1/2"x1"x1" WYE (PACK JOINT FOR CTS)
D	1" BRASS ANGLE BALL VALVE (PACK JOINT FOR CTS IN BY FEMALE IP OUT)
E	1" MALE IP X 3/4" CTS PACK JOINT BRASS REDUCING COUPLING
F	3/4" MALE IP X 3/4" CTS PACK JOINT BRASS REDUCING COUPLING
G	PRIVATE 3/4" BRASS BALL VALVE
H	VALVE BOX WITH COVER**
I	3/4" METER BOX ASSEMBLY WITH INLET AND OUTLET CTS PACK JOINT FITTINGS
J	16"x12"x12" CONCRETE SLAB
K	BEDDING SAND 3/8" MINUS
L	1 1/2" CTS TUBING (CL 200 HDPE W/ 1 1/2" STAINLESS STEEL INSERTS OR COPPER TYPE K)
M	1" CTS TUBING (CL 200 HDPE W/ 1" STAINLESS STEEL INSERTS (2 3/8" MINIMUM LENGTH) OR COPPER TYPE K)
N	3/4" CTS TUBING (HDPE W/ 3/4" STAINLESS STEEL INSERTS OR COPPER TYPE K)



1 SERVICE CONN. TO EXIST. LATERAL OR METER (TYPE 2)
SCALE: NTS

This drawing was prepared by me or was under my direct supervision.

1			ADDENDUM 1 ISSUED — ADDED DETAIL 6	
REVISION	DATE	BY		
			 GLORIA B. NELSON PUBLIC SERVICE BUILDING 688 ROUTE 15, MANGILAO, GUAM 96913	
GWA PROJECT NUMBER IN-HOUSE DESIGN ENGINEERING DIVISION			PROJECT: CASIMIRU ST. WATERLINE REPLACEMENT	
DES. BY:	CHK. BY:	CONTENTS:		ID NO.: XXX-XXXX
DRN. BY:	CHK. BY:			SHEET NO.: MD-101
CHIEF ENGR:		MISCELLANEOUS DETAILS		SHEET 5 OF 6