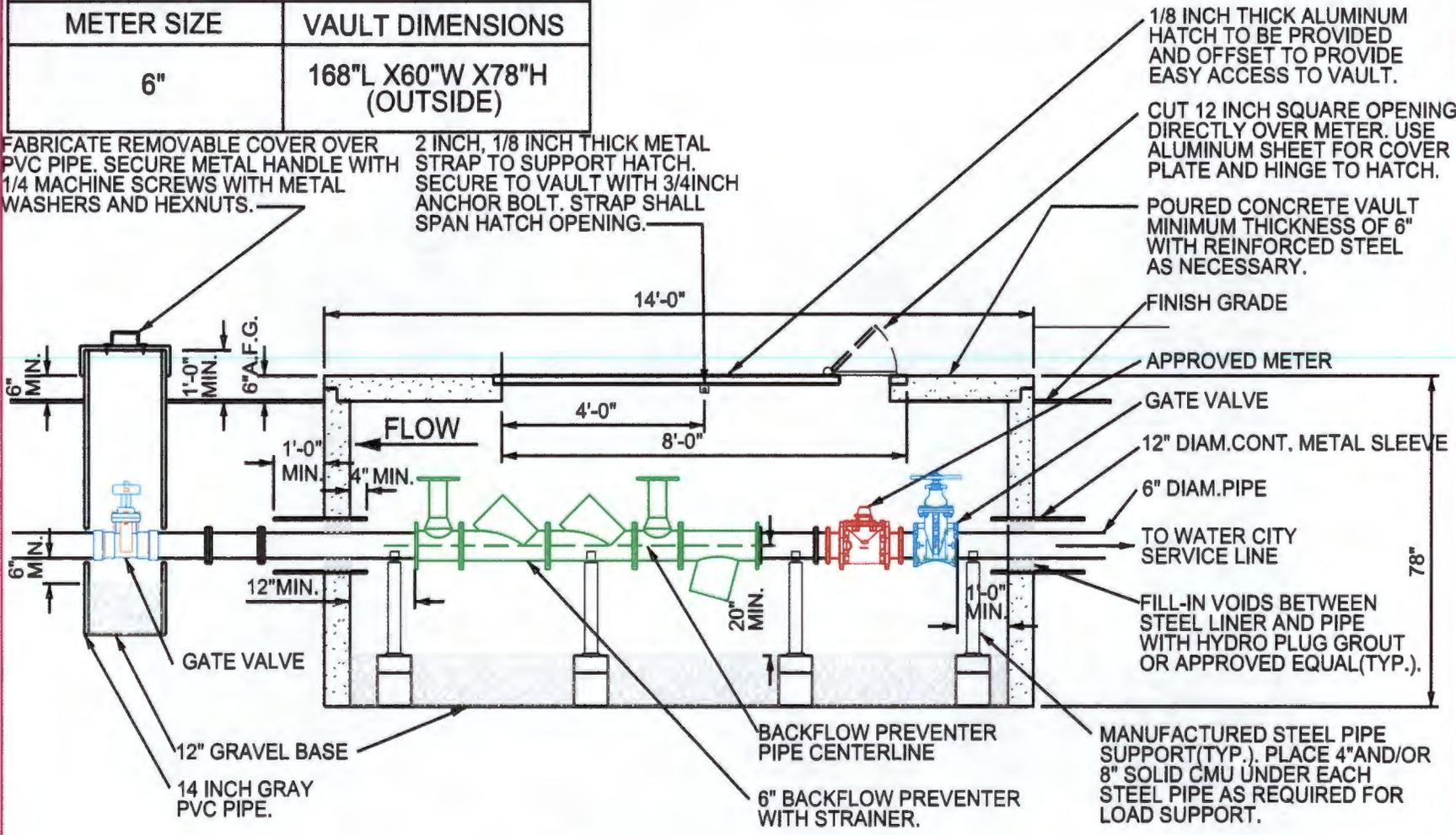


METER VAULT	
METER SIZE	VAULT DIMENSIONS
6"	168"L X 60"W X 78"H (OUTSIDE)

FABRICATE REMOVABLE COVER OVER PVC PIPE. SECURE METAL HANDLE WITH 1/4 MACHINE SCREWS WITH METAL WASHERS AND HEXNUTS.

2 INCH, 1/8 INCH THICK METAL STRAP TO SUPPORT HATCH. SECURE TO VAULT WITH 3/4 INCH ANCHOR BOLT. STRAP SHALL SPAN HATCH OPENING.



1/8 INCH THICK ALUMINUM HATCH TO BE PROVIDED AND OFFSET TO PROVIDE EASY ACCESS TO VAULT.

CUT 12 INCH SQUARE OPENING DIRECTLY OVER METER. USE ALUMINUM SHEET FOR COVER PLATE AND HINGE TO HATCH.

POURED CONCRETE VAULT MINIMUM THICKNESS OF 6" WITH REINFORCED STEEL AS NECESSARY.

FINISH GRADE

APPROVED METER

GATE VALVE

12" DIAM. CONT. METAL SLEEVE

6" DIAM. PIPE

TO WATER CITY SERVICE LINE

FILL-IN VOIDS BETWEEN STEEL LINER AND PIPE WITH HYDRO PLUG GROUT OR APPROVED EQUAL (TYP.).

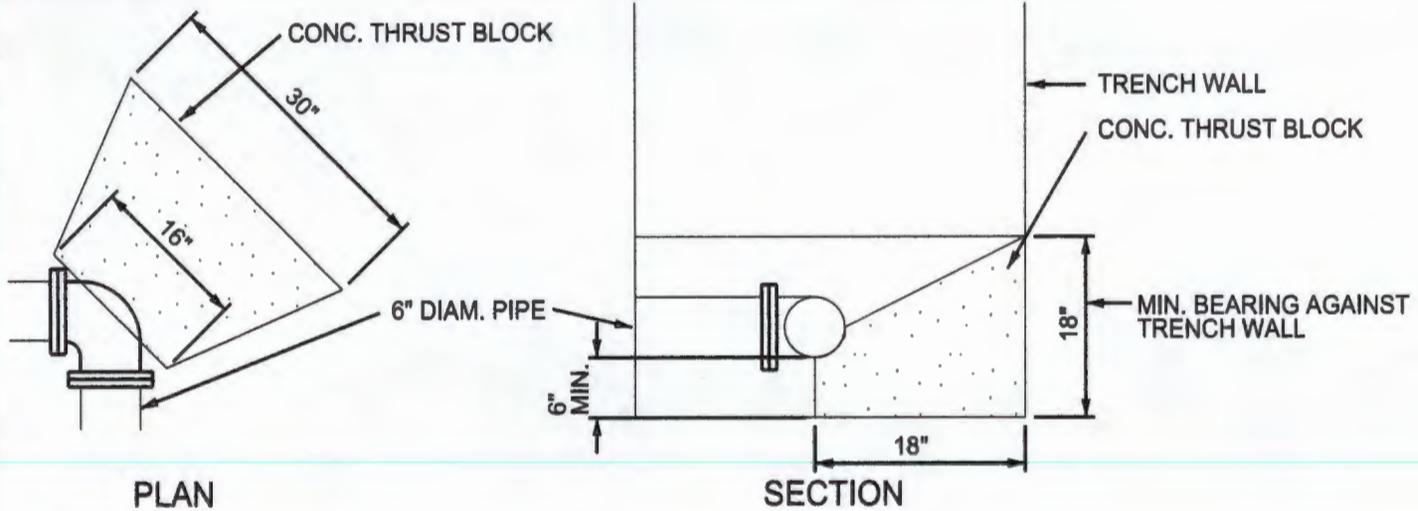
MANUFACTURED STEEL PIPE SUPPORT (TYP.). PLACE 4" AND/OR 8" SOLID CMU UNDER EACH STEEL PIPE AS REQUIRED FOR LOAD SUPPORT.

- NOTES:
1. SEE PROFILE VIEW OF CONCRETE VAULT.
  2. CAST IN PLACE VAULT STRUCTURES ARE NOT ALLOWED.
  3. ALL EXTERIOR MECHANICAL JOINT FITTINGS THAT ARE SUBJECT TO THRUST SHALL BE RESTRAINED WITH MECHANICAL JOINT RESTRAINTS AND/OR CONCRETE THRUST BLOCKING.
  4. A MINIMUM OF TWELVE INCHES (12") OF 3/4" CRUSHED STONE BEDDING (OR APPROVED EQUAL) IS REQUIRED FOR VAULT FLOOR.
  5. DRAWINGS ARE NOT TO SCALE.
  6. 18" MIN. CLEARANCE BETWEEN VAULT AND PIPE FITTINGS (TYP.)
  7. DO NOT USE CEMENT OR CONCRETE TO FILL-IN VOIDS BETWEEN STEEL LINER AND PIPES.

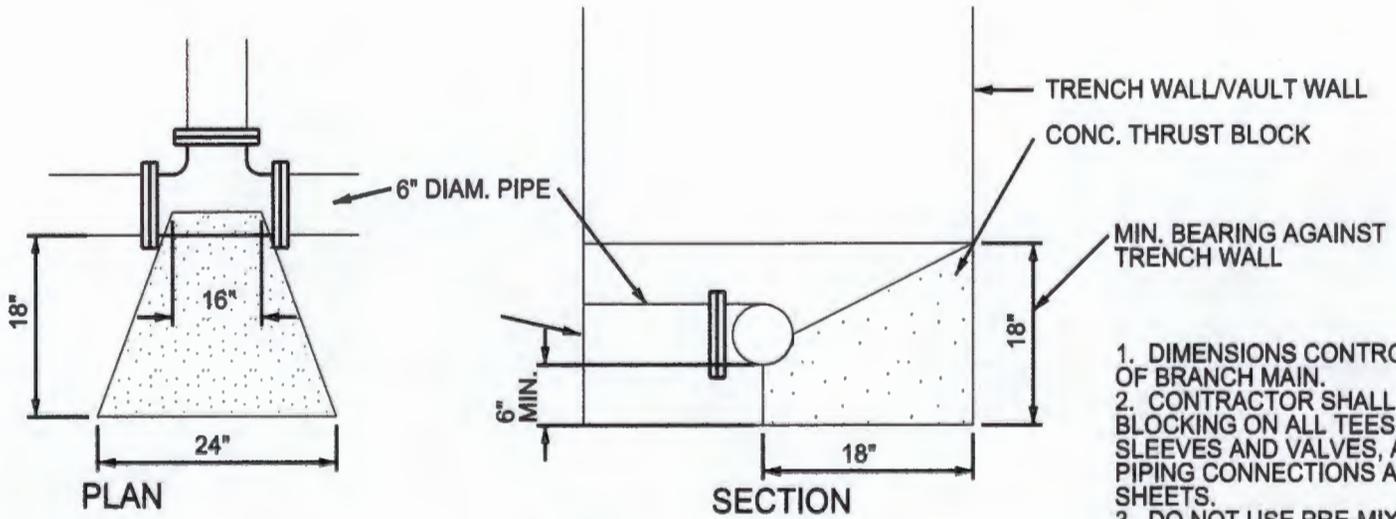
STATE OF TENNESSEE  
MILITARY DEPARTMENT  
HOUSTON BARRACKS  
P.O. BOX 41502  
NASHVILLE, TN 37204-1501  
CONSTRUCTION AND FACILITIES  
MANAGEMENT OFFICE

PROJECT TITLE  
SHEET TITLE **6" CONCRETE METER VAULT PROFILE VIEW AND NOTES**

DRAWN BY:	
DATE:	
REVISED	DATE
SHEET NO.	SHT 1 OF 3

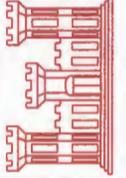


PLAN  
**DETAIL 1**



PLAN  
**DETAIL 2**

1. DIMENSIONS CONTROLLED BY DIAMETER OF BRANCH MAIN.
2. CONTRACTOR SHALL PROVIDE THRUST BLOCKING ON ALL TEES, BENDS, TAPPING SLEEVES AND VALVES, AND ANY OTHER PIPING CONNECTIONS AS SHOWN ON DETAIL SHEETS.
3. DO NOT USE PRE-MIX CONCRETE SUCH AS SAK-CRETE.
4. ALL THRUST BLOCKING SHALL BE VISUALLY INSPECTED PRIOR TO BACKFILLING BY THE CONTRACTOR.



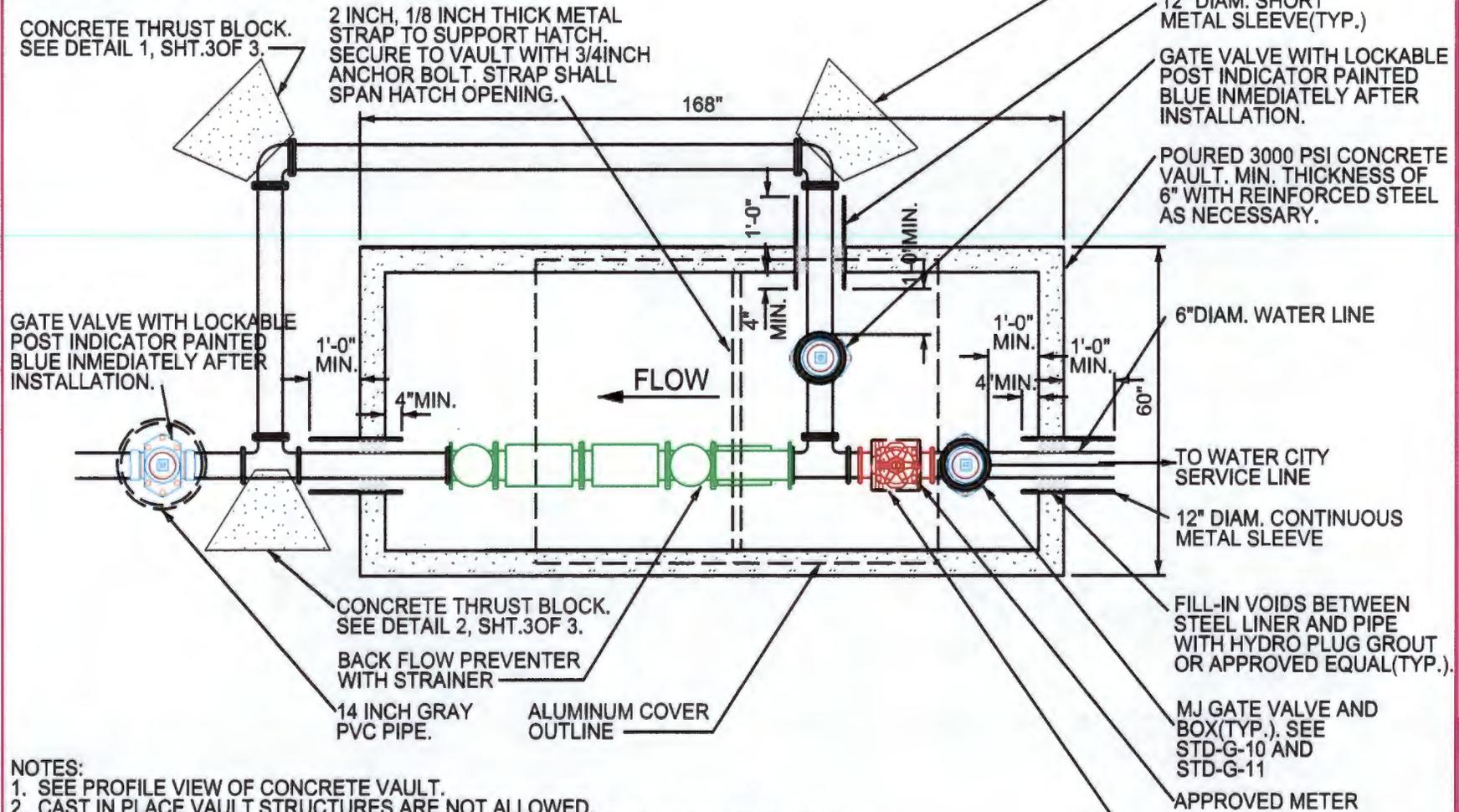
STATE OF TENNESSEE  
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CONSTRUCTION AND FACILITIES  
MANAGEMENT OFFICE

PROJECT TITLE  
**6" CONCRETE METER VAULT  
THRUST BLOCK DETAILS**

DRAWN BY:  
DATE:  
REVISED    DATE  
SHEET NO.  
**SHT 3 OF 3**

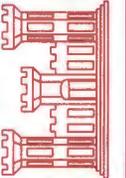
### METER VAULT SIZES

METER SIZE	VAULT DIMENSIONS
6"	168"L X 60"W X 78"H (OUTSIDE)



#### NOTES:

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MANAGEMENT OFFICE

PROJECT TITLE  
**6" CONCRETE METER VAULT**  
PLAN VIEW AND NOTES

DRAWN BY:	
DATE:	
REVISED	DATE
SHEET NO.	
SHT 2 OF 3	

