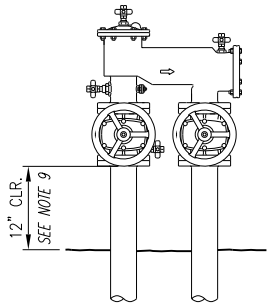
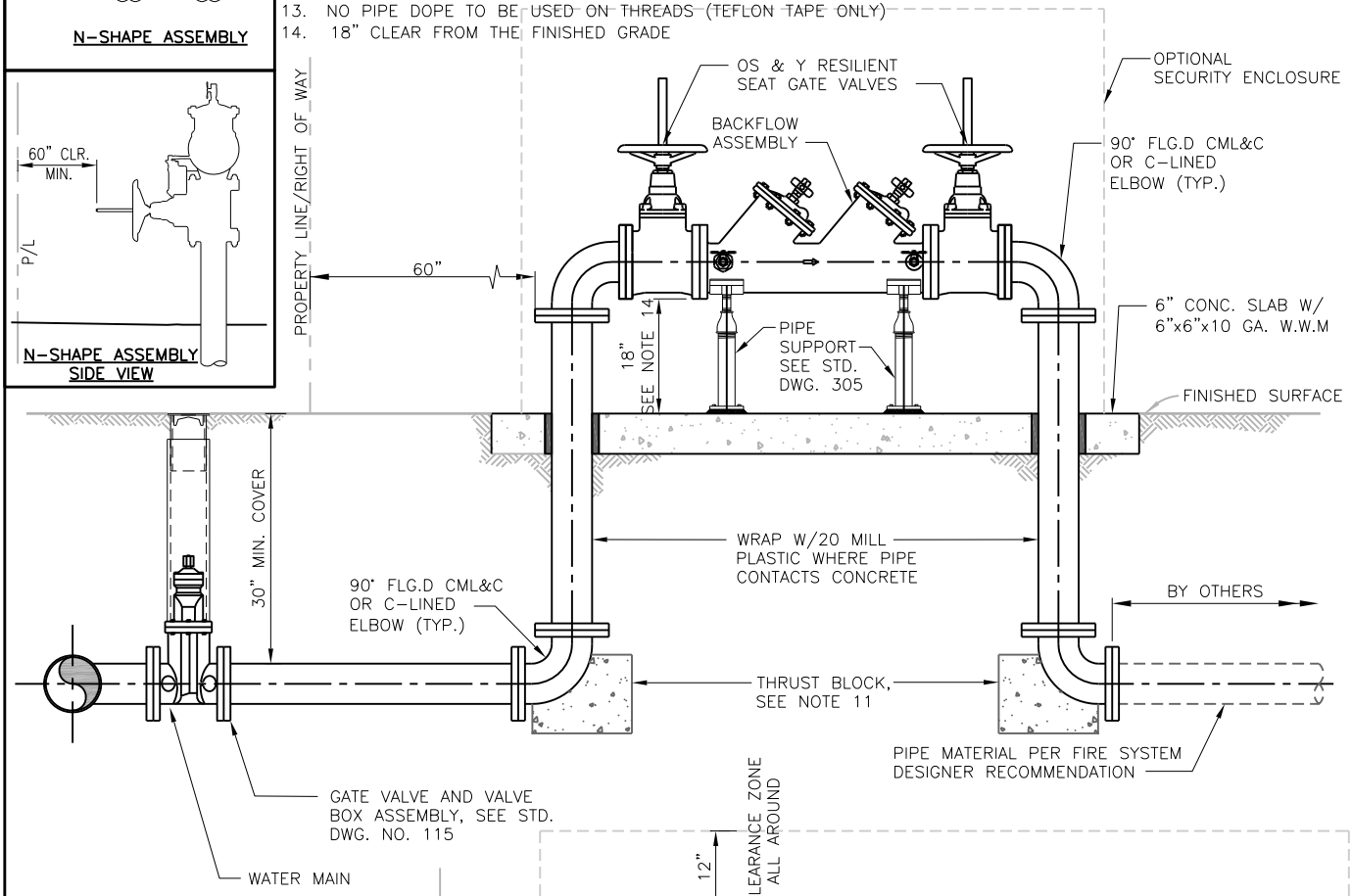


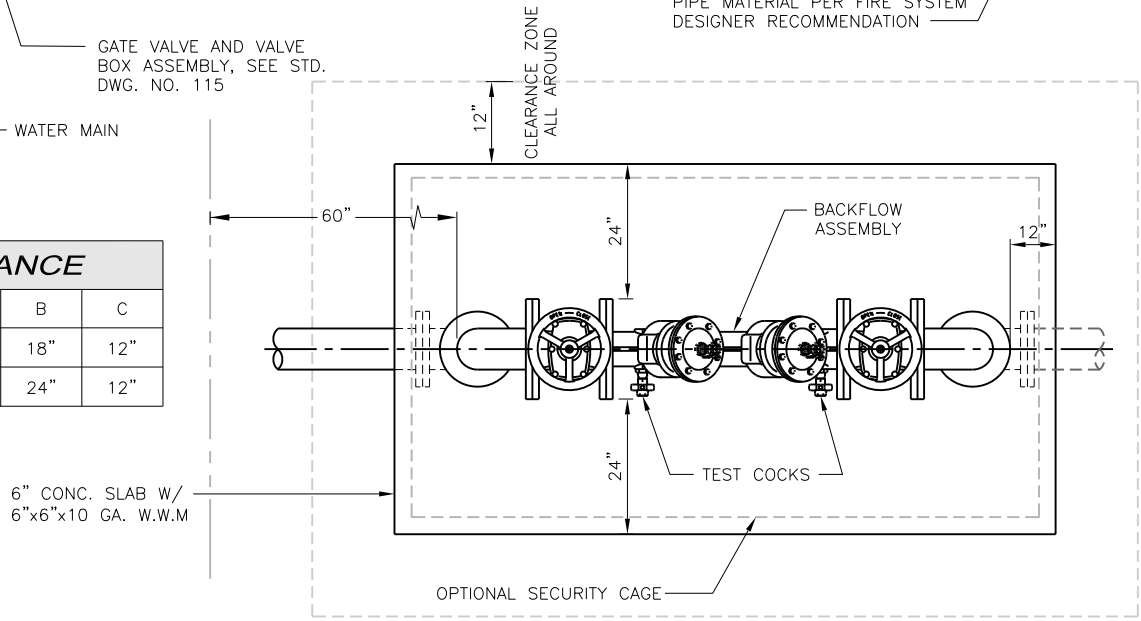
N-SHAPE ASSEMBLY

N-SHAPE ASSEMBLY
SIDE VIEW

NOTES:

1. LOCATION, TYPE, AND INSTALLATION OF BACKFLOW ASSEMBLY SHALL BE APPROVED BY THE DISTRICT INSPECTOR.
2. ALL PIPE SHALL BE CML & C STEEL, SCHEDULE 40 CEMENT LINED STD. STEEL.
3. CONTRACTOR SHALL PAINT ALL ABOVE GROUND APPURTENANCES WITH ONE COAT OF PRIMER AND 2 COATS OF ALMOND RUST-OLEUM OR FIRE DEPARTMENT APPROVED COLOR.
4. RESILIENT SEATED GATE VALVES AND TEST COCKS REQUIRED.
5. GATE VALVES TO BE CHAINED AND LOCKED IN THE OPEN POSITION AT ALL TIMES WHEN THE SERVICE IS ACTIVATED.
6. PIPE SUPPORTS AS REQUIRED FOR 2.5" AND LARGER ASSEMBLY.
7. ALL ASSEMBLIES USC, FCC&HR APPROVED.
8. ALL PIPING BETWEEN MAIN AND BACKFLOW ASSEMBLY TO BE FLUSHED BEFORE BACKFLOW IS INSTALLED AND WITNESSED BY DISTRICT INSPECTOR.
9. N-SHAPE ASSEMBLY 12" CLR. TO BOTTOM OF HAND WHEEL.
10. NO CONNECTION UNTIL AFTER 90° DOWN STREAM FITTING.
11. INSTALL THRUST BLOCK PER STD. DWG. 304.
12. WRAP ALL BURIED BOLTS WITH WAX TAPE PER STD. DWG. 115
13. NO PIPE DOPE TO BE USED ON THREADS (TEFLON TAPE ONLY)
14. 18" CLEAR FROM THE FINISHED GRADE





CLEARANCE

SIZE	A	B	C
¾" – 2"	18"	18"	12"
2½" & UP	24"	24"	12"

REV.	DESCRIPTION	DATE	APP'D

Cucamonga Valley Water District

FIRE SERVICE BACKFLOW ASSEMBLY

Cucamonga Valley Water District
ENGINEERING DEPARTMENT
10440 ASHFORD STREET, RANCHO CUCAMONGA, CA 91729
(909) 987-2591

APPROVED BY:

TUAN TRUONG, P.E.,
ENGINEERING MANAGER MANAGER

1-24-23
DATE

STD. DWG.
110

SHT. 1 OF 1

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