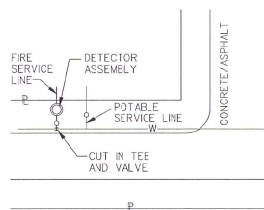
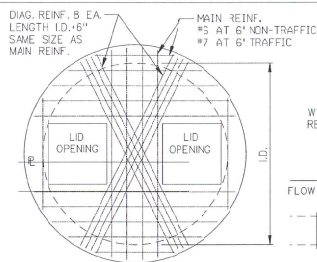


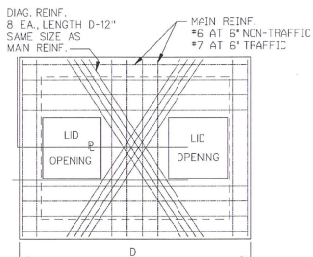
TYPICAL LOCATION
LONG SERVICE



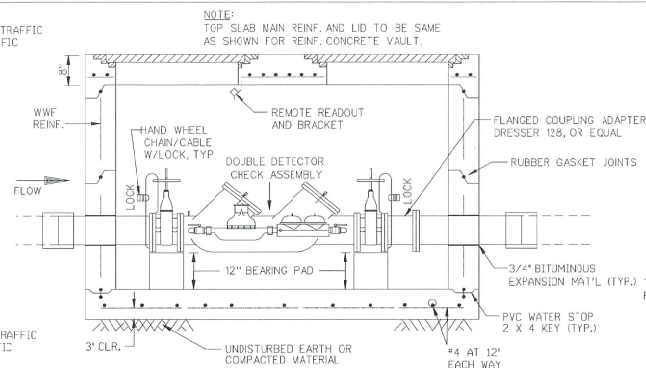
TYPICAL LOCATION
SHORT SERVICE



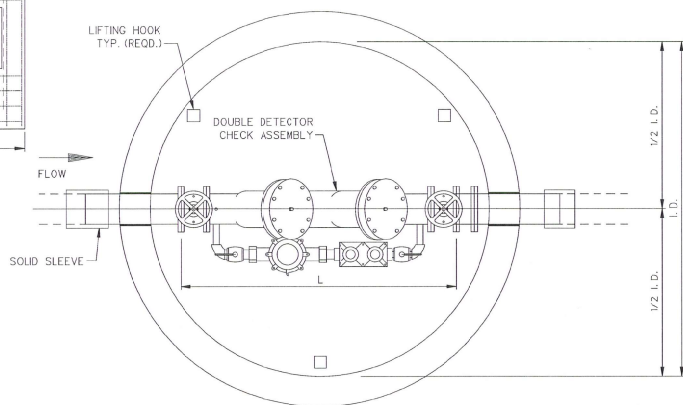
PRECAST VAULT



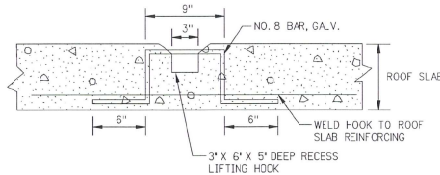
CAST-IN-PLACE VAULT
TOP SLAB REINF. PLAN



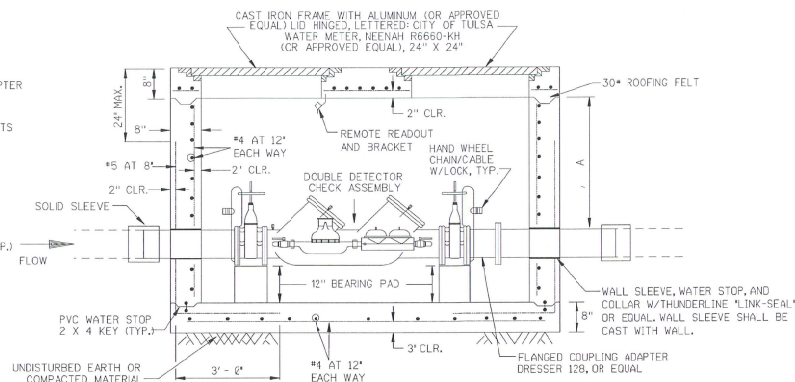
SECTION VIEW



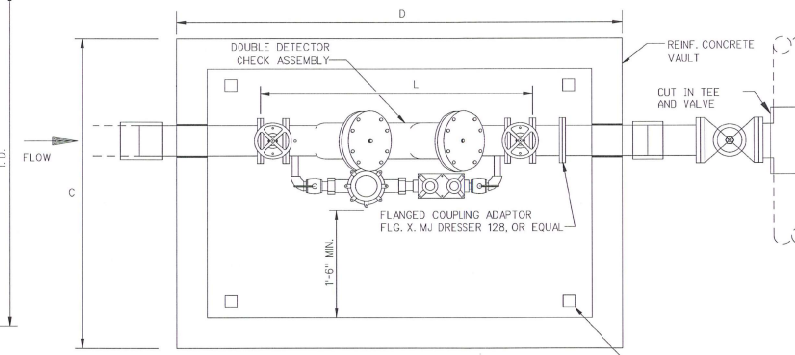
PLAN VIEW
ALTERNATE PRECAST CONCRETE VAULT



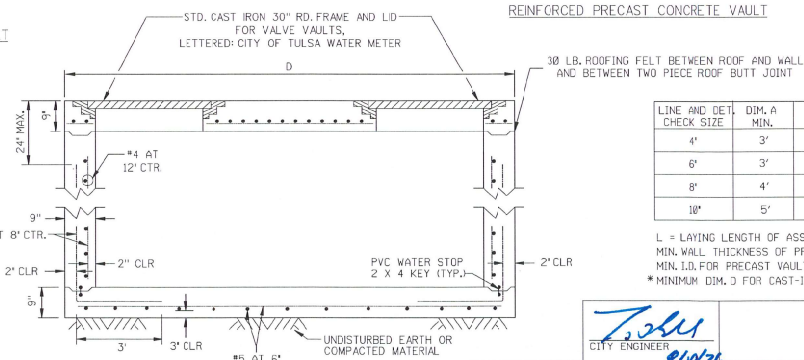
LIFTING HOOK DETAIL
NOTE: IN SIDEWALKS, COVER HOOK OPENING WITH A STEEL PLATE, SECURE WITH SCREWS AND EXPANSION SLEEVE ANCHORS.



SECTION VIEW



PLAN VIEW
REINFORCED PRECAST CONCRETE VAULT



SECTION VIEW
VALVE VAULT FOR TRAFFIC LOADS

LINE AND DET. CHECK SIZE	DIM. A MIN.	DIM. C MIN.	DIM. D* MIN.	PRECAST CONC. L. D. MIN.
4"	3'	3'-6"	L + 40"	L + 24"
6"	3'	3'-9"	L + 40"	L + 24"
8"	4'	6'-0"	L + 40"	L + 24"
10"	5'	6'-3"	L + 40"	L + 24"

L = LAYING LENGTH OF ASSEMBLY INCLUDING VALVES
MIN. WALL THICKNESS OF PRECAST VAULT = (1/12 X L.D.) + 1"
MIN. L.D. FOR PRECAST VAULT SHALL BE 72"
* MINIMUM DIM. 3 FOR CAST-IN-PLACE VAULT SHALL BE 88"

T. J. ...
CITY ENGINEER
8/10/26
typ
DESIGN MANAGER

CITY OF TULSA

4"-10" DOUBLE DETECTOR CHECK AND VAULT ASSEMBLY

DATE: JULY 2025

STD. 553

REVISION	BY	DATE