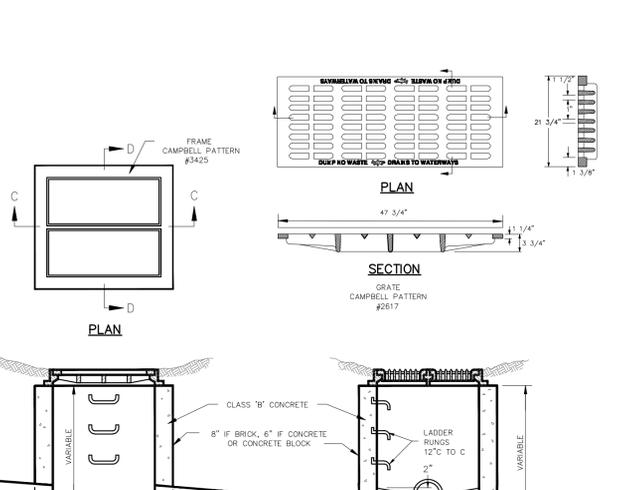
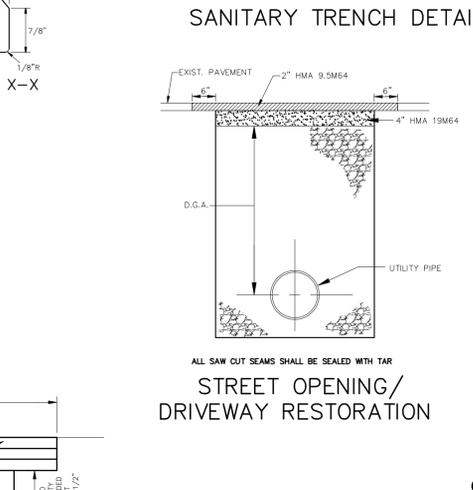
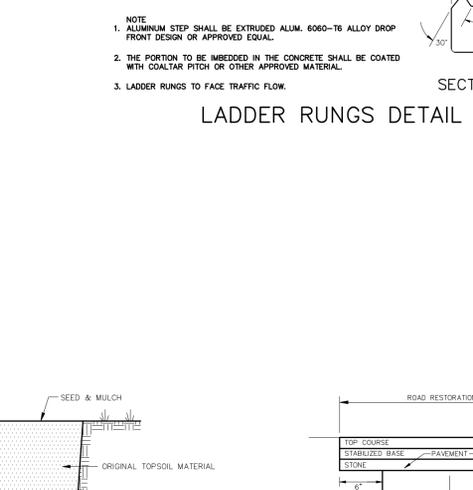
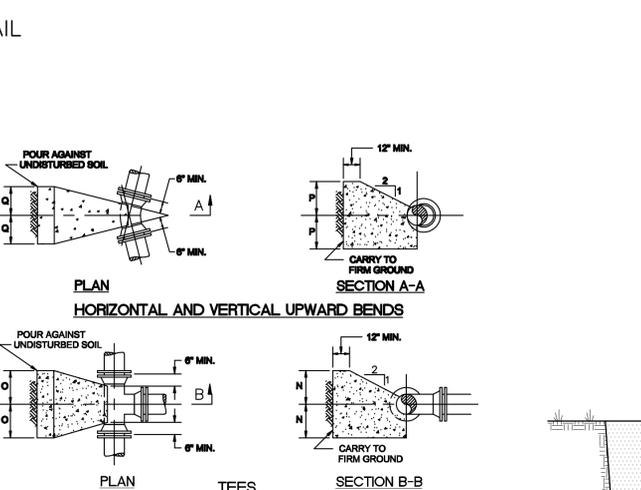
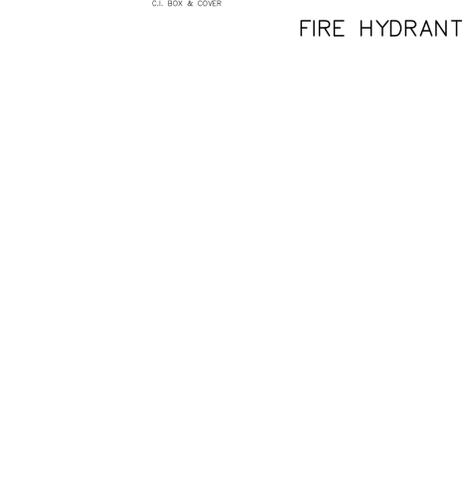
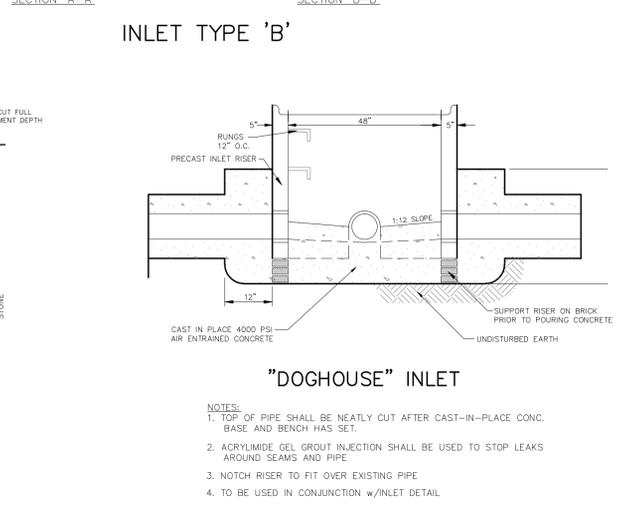
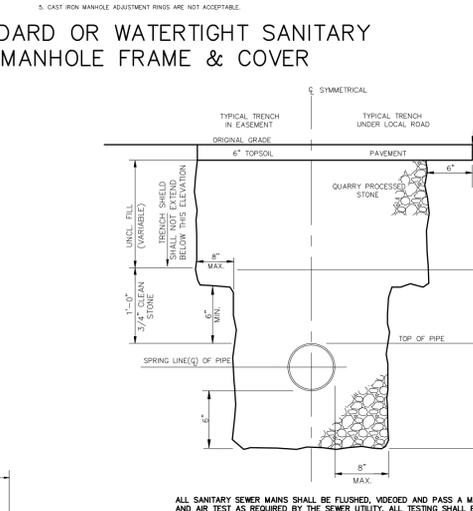
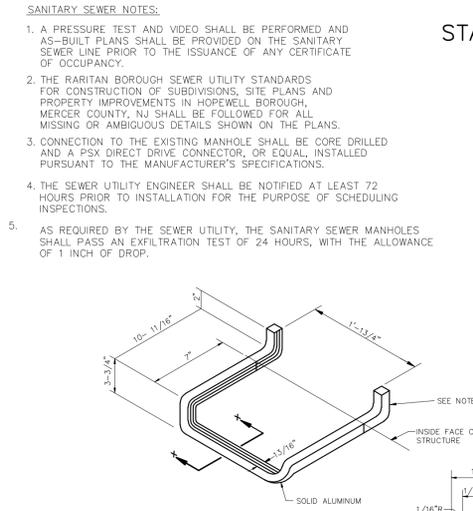
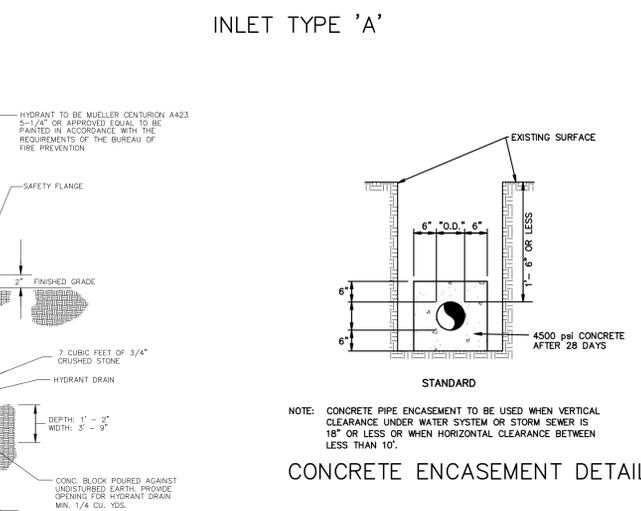
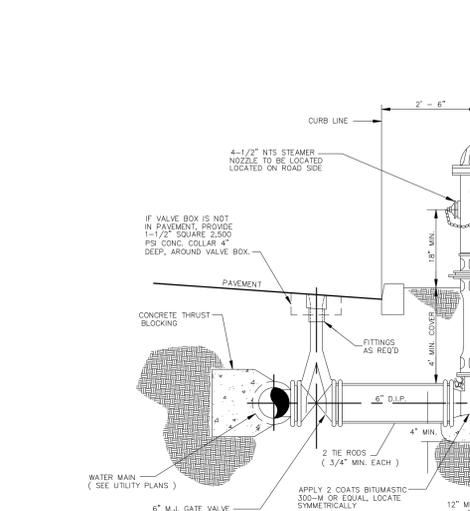
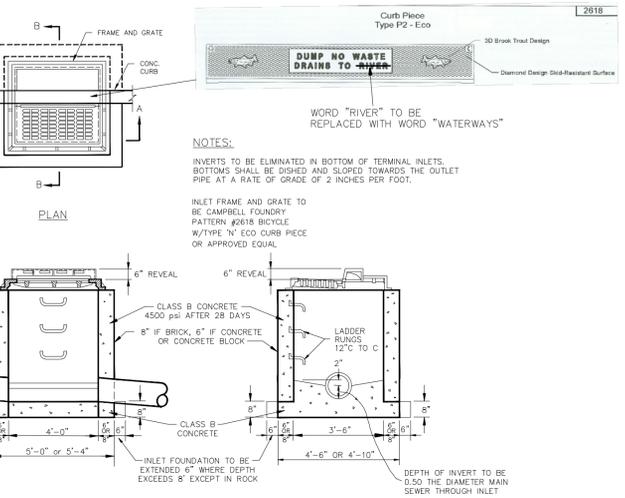
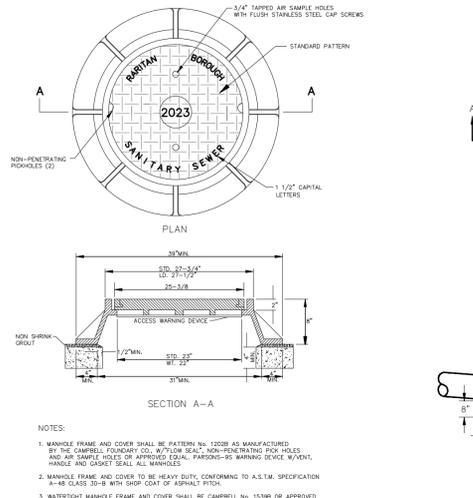
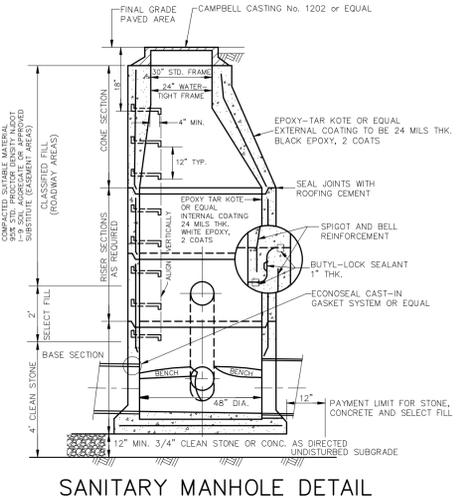
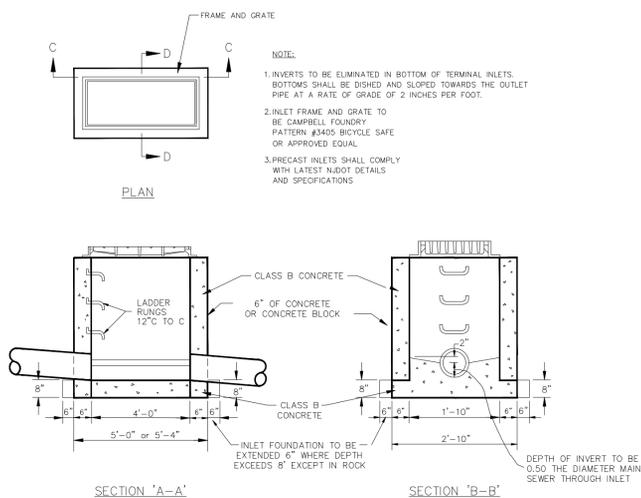
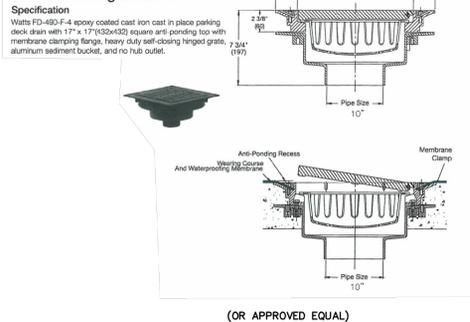


**FD-490-F-4**  
Cast Iron Parking Structure Drain



**THRUST BLOCKS FOR TEES, HORIZ. & VERTICAL BENDS AND PLUGS**

DESCRIPTION	DIMENSION	6\"/>
TEES	N	0'-10"
	O	0'-10"
	P	1'-0"
90° BENDS	Q	1'-0"
	R	0'-9"
	S	0'-9"
45° BENDS	Q	0'-7"
	R	0'-7"
22 1/2° BENDS	Q	0'-7"
	R	0'-7"
1 1/4° BENDS	P	0'-5"
	Q	0'-5"

**THRUST BLOCKS DESIGNED FOR 150 LB. PER SQ. IN. TEST PRESSURE AND 2000 LB. PER SQ. FT. SOIL PRESSURE.**

**THRUST BLOCKS**

DATE	REVISION	BY
1/3/23	REVISED PER BOROUGH COMMENTS	SMT

**DAS**  
DAVID A. STIRES ASSOCIATES, LLC.  
ENGINEERS - SURVEYORS - PLANNERS - ENVIRONMENTALISTS

678 US HWY 202/206 N. SUITE 6  
BRIDGEWATER, N.J. 08807  
PHONE: (908)252-7000  
www.dastires.com

GEORGE H. FOLK  
PROFESSIONAL ENGINEER  
N.J. LICENSE No. 35258  
DATE 10/10/22

DESIGNED BY: GHF  
DRAWN BY: SMT  
CHECKED BY: GHF  
SCALE: NONE

CONSTRUCTION DETAILS  
LOTS 25, 26.01, 27 & 27.01 BLOCK 116.01  
LOT 3 BLOCK 112  
BOROUGH OF RARITAN SOMERSET COUNTY NEW JERSEY

PROJECT No. 15147  
SHEET NUMBER 12 OF 12

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