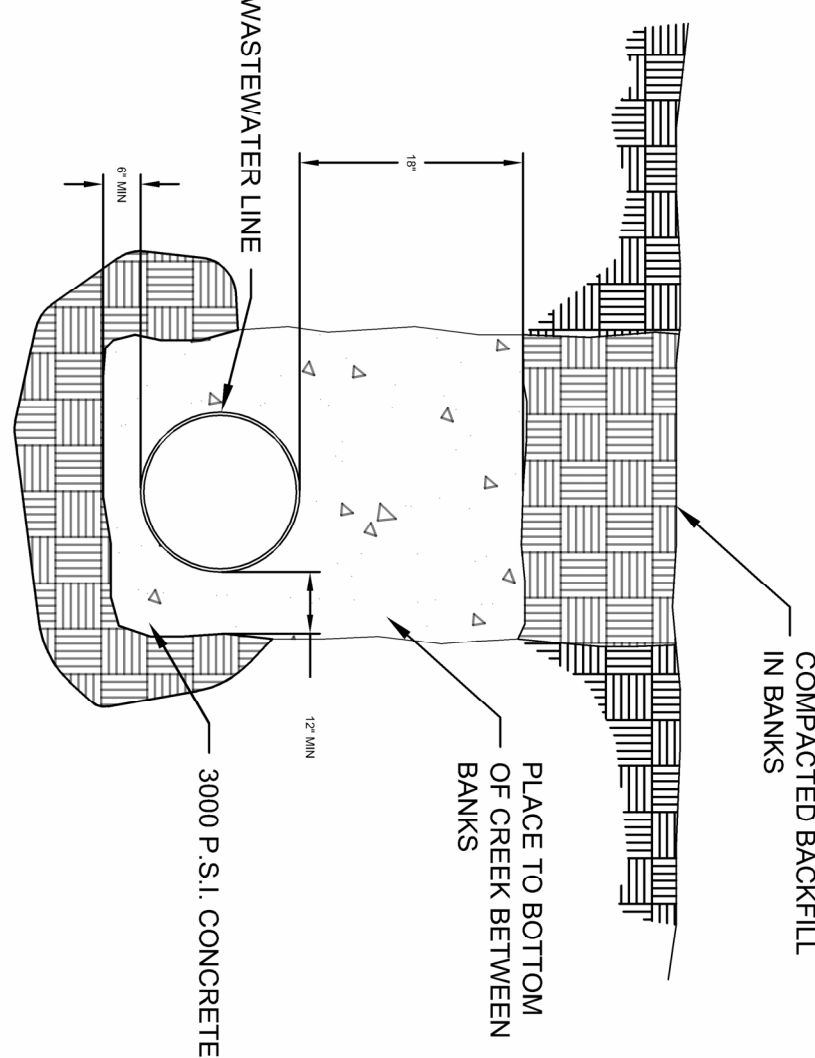
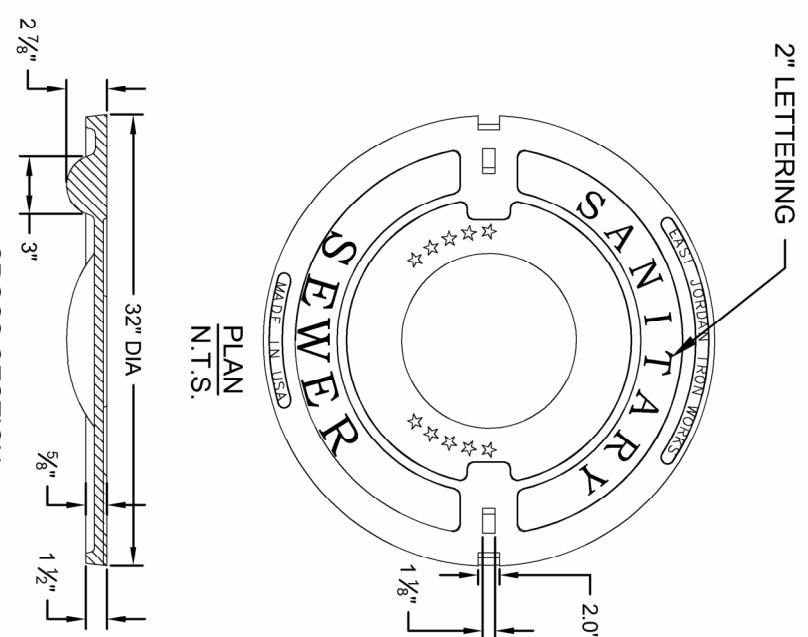
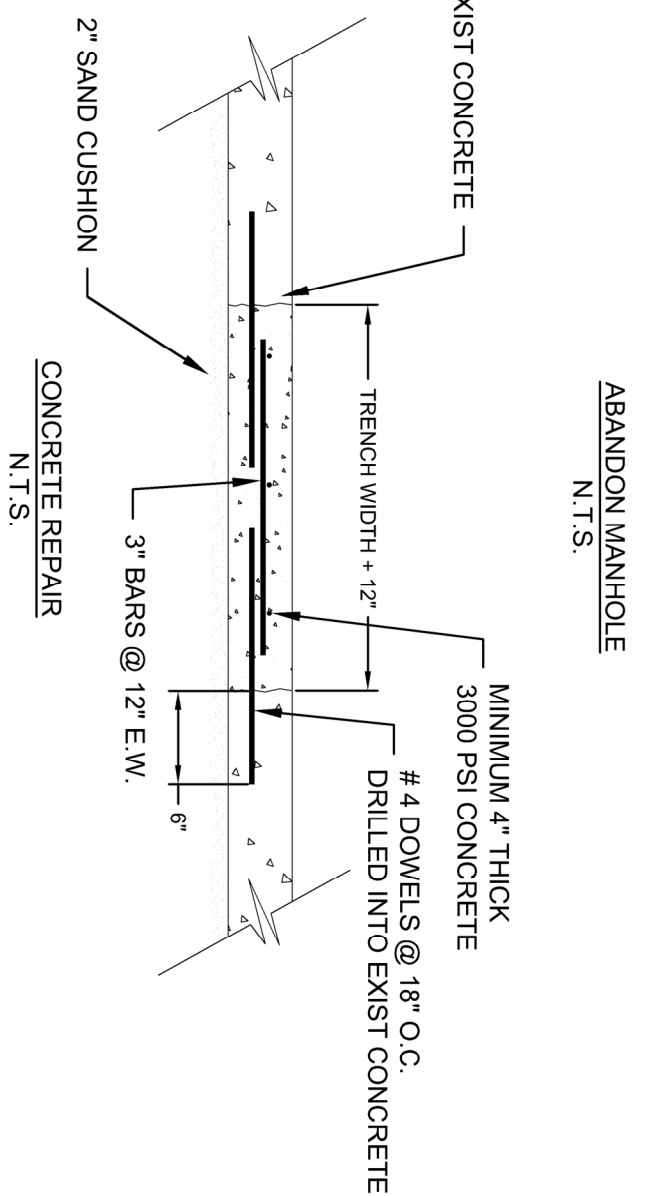
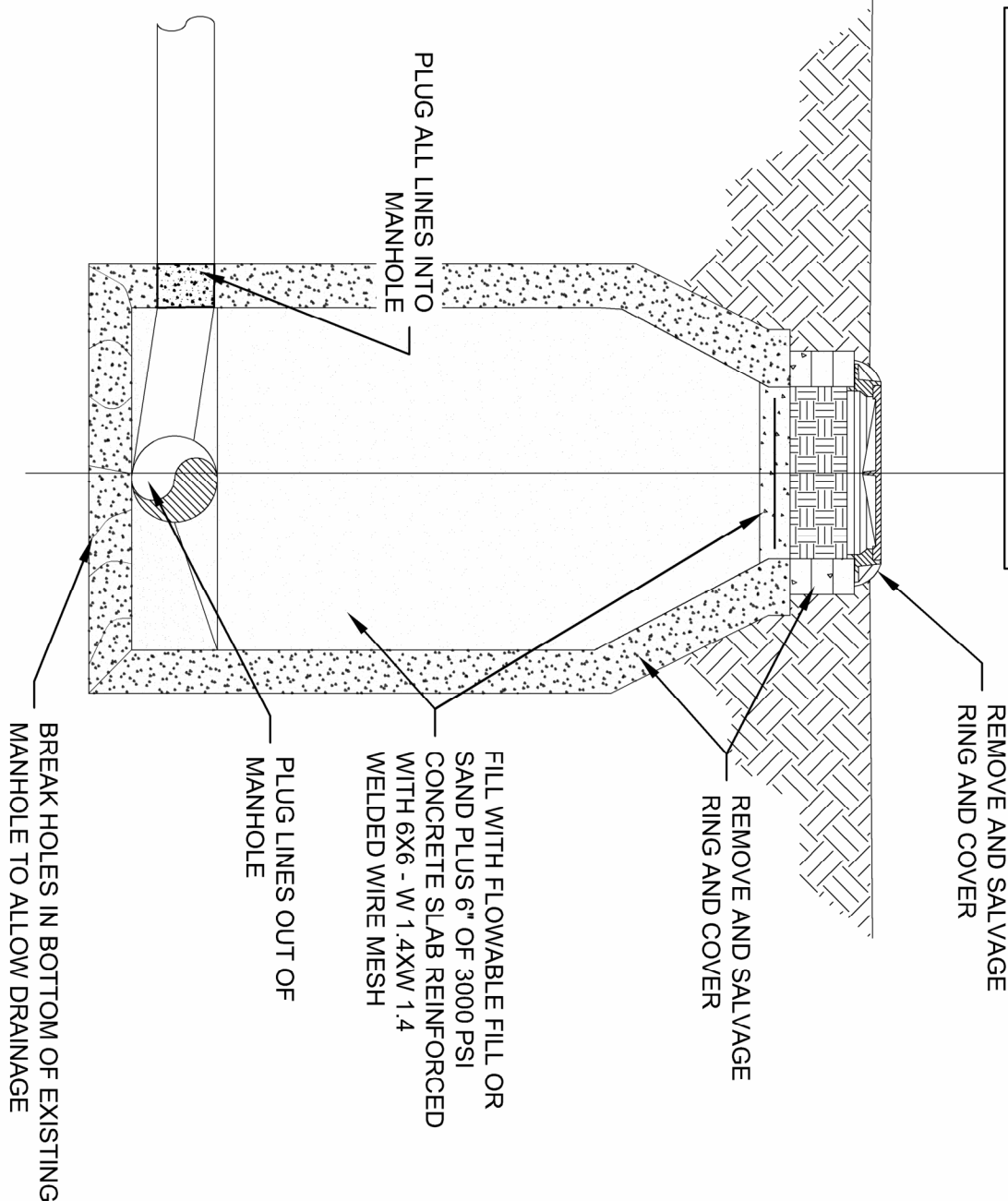


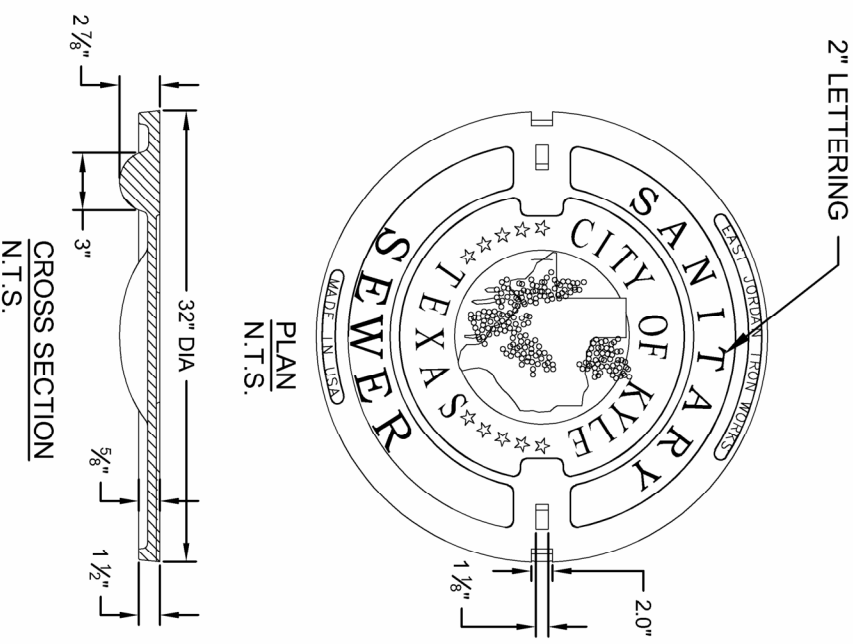


CONCRETE ENGAGEMENT DETAIL
N.T.S.

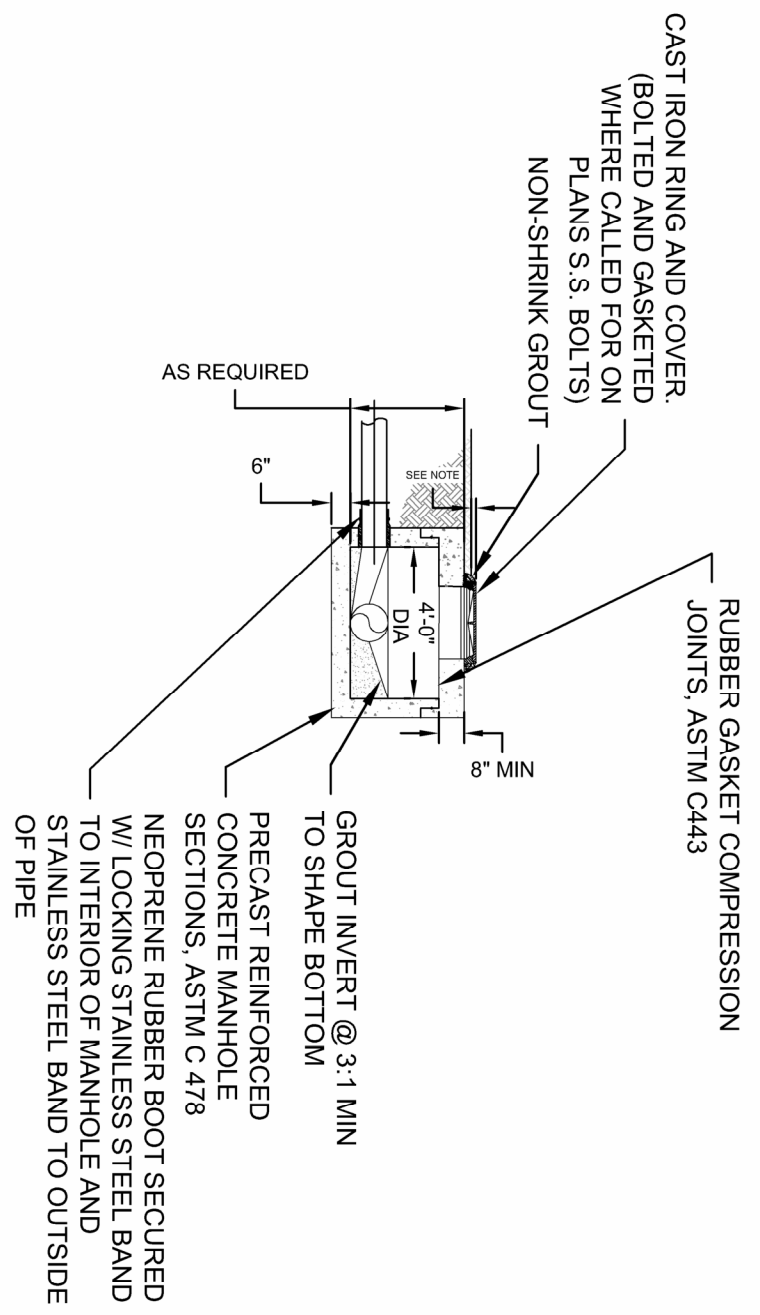
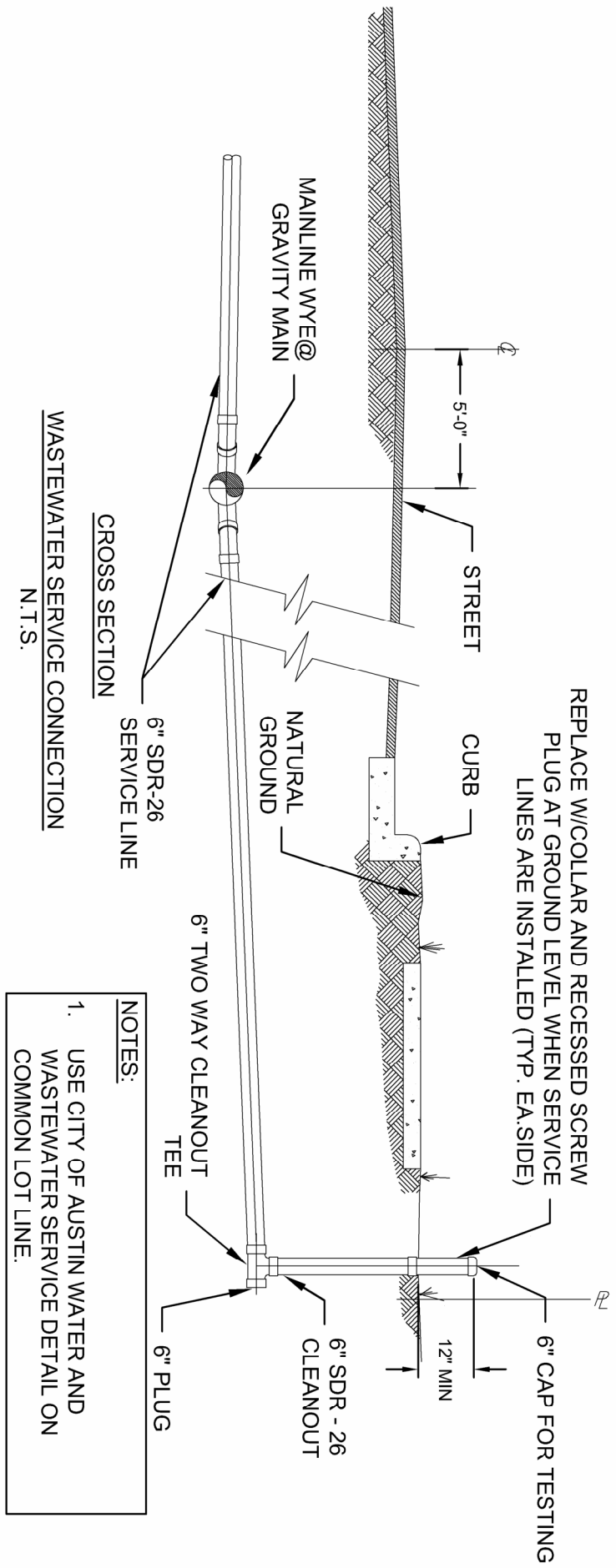
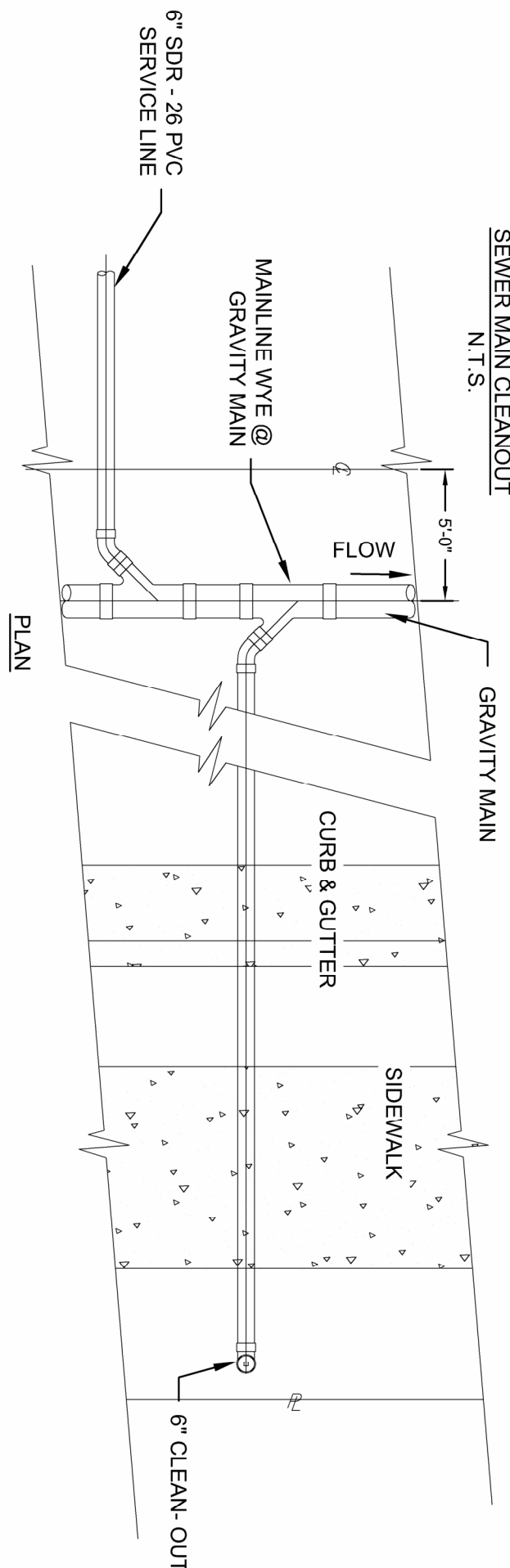
IN ROW PLACE 12" TOP SOIL
TO MATCH SURROUNDING AREA
IN 2 LIFTS TO 95% DENSITY
IN ROADWAYS: 8" (MIN) COMPACTED
BASE + 2" TYPE D HMA.



EAST JORDAN IRON WORKS
PRODUCT NO. 41432027 WITH PICK SLOT
OR PRODUCT NO. 42432008, BOLTED OR APPROVED EQUAL
PRIVATE MANHOLE COVER
N.T.S.

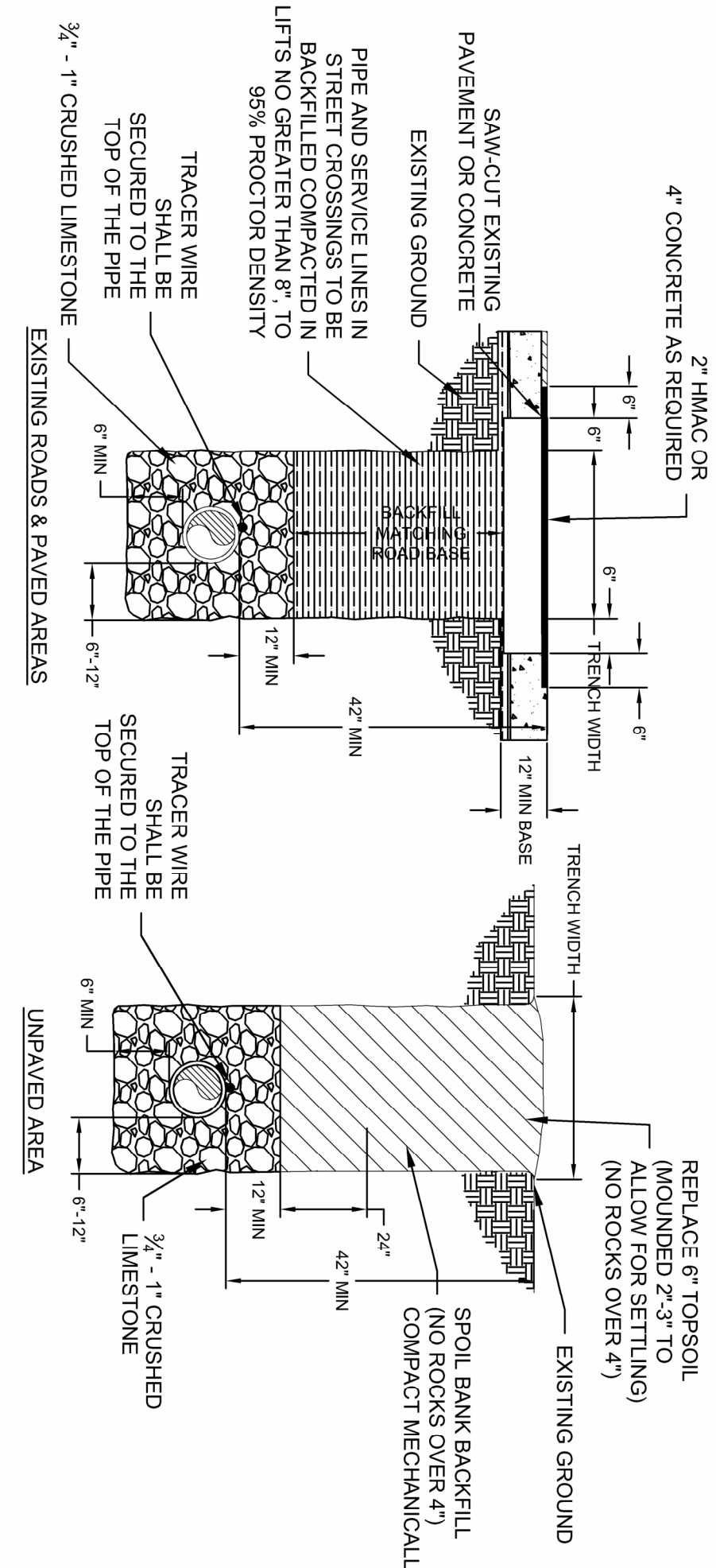
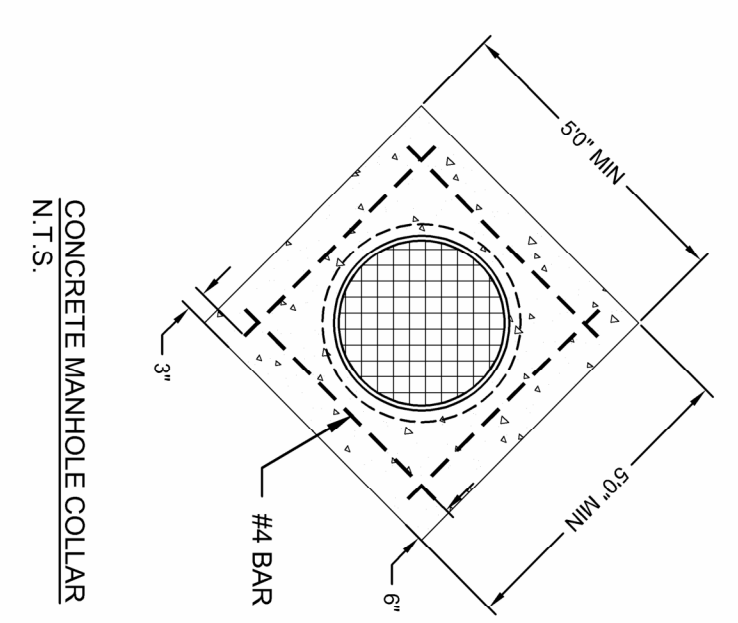
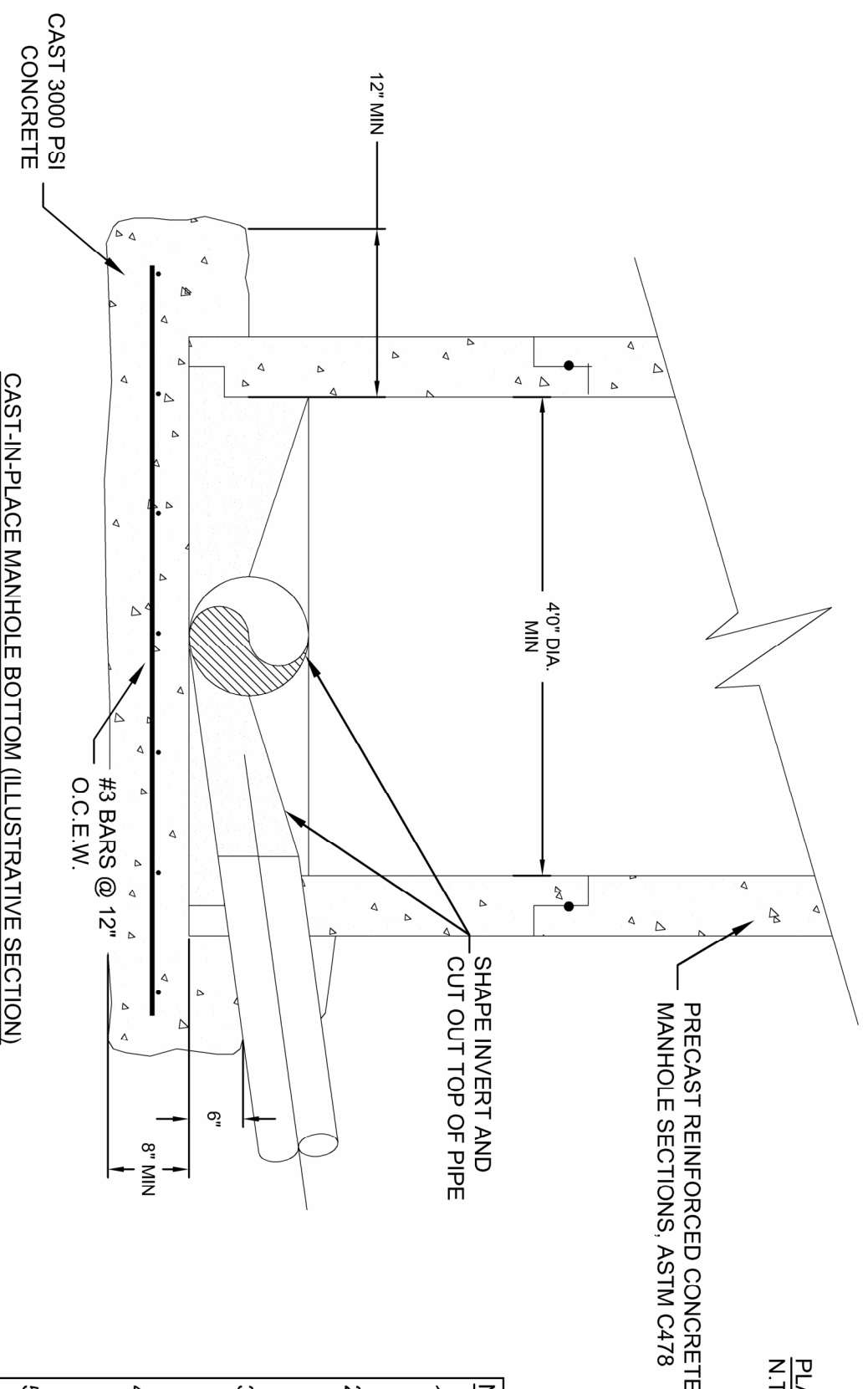


EAST JORDAN IRON WORKS
PRODUCT NO. 41432027 WITH PICK SLOT
OR PRODUCT NO. 42432008, BOLTED OR APPROVED EQUAL
PUBLIC MANHOLE COVER
N.T.S.



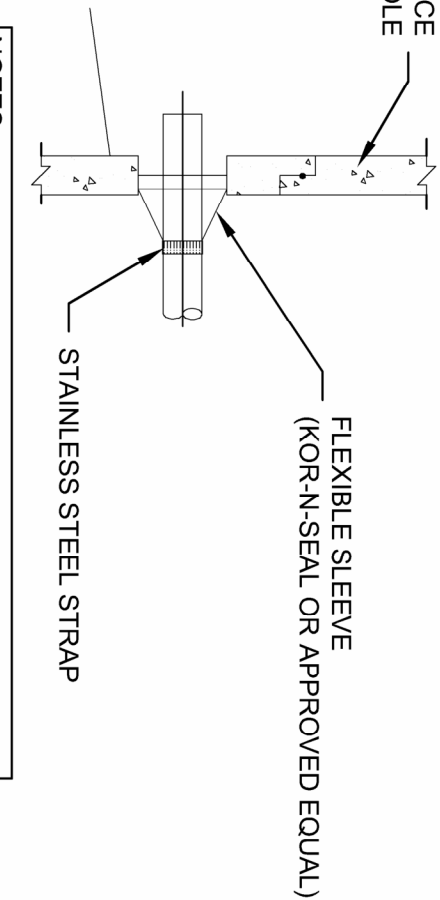
- NOTES:
1. CONCRETE BOTTOMS SHALL BE PRECAST WITH FLOWLINE AS SPECIFIED ON PLANS.
 2. CAST-IN-PLACE BOTTOMS ARE ALLOWABLE WITH PIPES 18" DIAMETER AND LARGER.
 3. 5" DIAMETER POLYMER MANHOLES ARE REQUIRED FOR 18" OR LARGER DIAMETER PIPELINES.
 4. PIPES ARE REQUIRED TO MAINTAIN MINIMUM SEPARATION OF 6" OR HALF THE DIAMETER OF LARGER DIAMETER PIPE. THE SEPARATION SHOULD BE MEASURED BETWEEN OUTSIDE WALL OF THE PIPE.
 5. CITY ENGINEER MAY REQUIRE TO CHANGE THE SIZE OF THE MANHOLE DEPENDING ON SOIL CONDITIONS, ANGLE BETWEEN PIPE ALIGNMENTS AND CONSIDERING SITE SPECIFIC CONDITIONS.

FLAT - TOP MANHOLE
N.T.S.

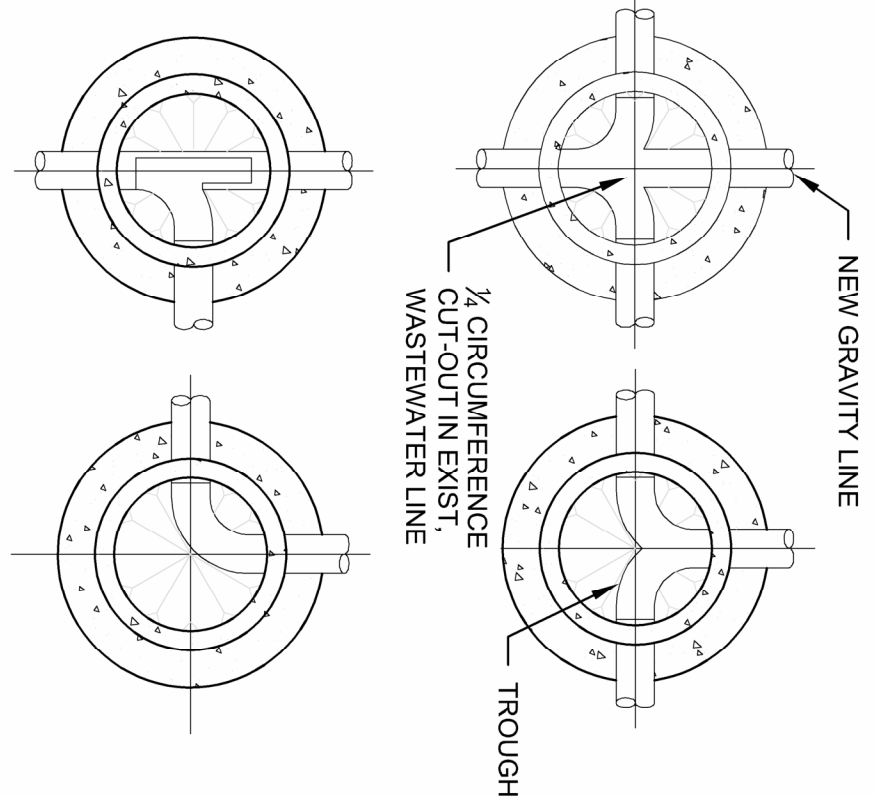


- NOTES:
1. MINIMUM DEPTH SHOULD BE 42" IN EXISTING OR PLANNED STREETS, ROADS OR OTHER TRAFFIC AREAS.
 2. ROAD BASE SHALL BE REPLACED IN HAND WITH BASE THICKNESS EQUAL TO EXISTING BASE THICKNESS PLUS 3" BUT IN NO CASE LESS THAN 12".
 3. REPLACEMENT REINFORCED CONCRETE SHALL BE CLASS A AND SHALL MATCH EXISTING FINISH AND THICKNESS, BUT THE THICKNESS SHALL NOT BE LESS THAN 12".
 4. TRACER WIRE (COS 12AWG) SHALL BE INSTALLED ON ALL WATER LINES, RECLAIMED WATER LINES, AND SANITARY LINES. TRACER WIRE SHALL BE INSTALLED AT INTERVALS NOT TO EXCEED 1,000'. PLEASE CONTACT THE CITY OF KYLE PUBLIC WORKS DEPT FOR DETAILS AND SPECIFICATIONS.

PIPELINE EMBEDMENT DETAIL
N.T.S.



- NOTES:
1. CONNECTIONS MADE INTO EXISTING MANHOLES ARE TO BE CORED AND NOT DRILLED/ CHISELED.
 2. CONNECTION TO EXISTING MANHOLES SHALL BE INSPECTED BY CITY OF KYLE.
 3. CONNECTION DETAILS FOR PIPE SIZE OTHER THAN SPECIFIED REQUIRED TO OBTAIN PRE APPROVAL FROM CITY ENGINEER.
 4. NEW PIPE TO EXISTING MANHOLE CONNECTION DETAIL - 4" TO 24".



- NOTES:
1. INVERT CHANNELS TO BE CONSTRUCTED FOR SMOOTH FLOW WITH NO OBSTRUCTIONS.
 2. SPILLWAYS SHALL BE CONSTRUCTED BETWEEN PROVIDING FOR SMOOTH FLOW.
 3. EXTERIOR DROP MUST BE PROVIDED FOR DROP OF GREATER THAN 30 INCHES. USE 1" INTERIOR DROP PIPE DETAIL - FOR CONSTRUCTION.
 4. CHANNELS FOR FUTURE CONSTRUCTIONS (TUBS) SHALL BE CONSTRUCTED FILLED WITH SAND, AND COVERED 1" MORTAR.
 5. CORING EXISTING MANHOLE MUST MATCH



CITY OF KYLE
ENGINEERING DEPARTMENT
100 W CENTER STREET
KYLE, TX 78640
PH (512) 262 1010

STANDARD WASTEWATER DETAILS

CITY OF KYLE
ENGINEERING DEPARTMENT
100 W CENTER STREET
KYLE, TX 78640
PH (512) 262 1010

DATE	ISSUE/REVISION
APRIL, 2016	1ST ISSUE
FEB, 2018	2ND ISSUE
SEPT, 2018	3RD ISSUE
MAY, 2025	9TH ISSUE

PROJECT NO.	XXXXX
DATE	APRIL, 2016
DRAWN BY	KG
CHECKED BY	LB
SHEET DESCRIPTION	CITY OF KYLE STANDARD WASTEWATER DETAILS
SHEET NUMBER	(SHEET 1 OF 2)

DT - 3