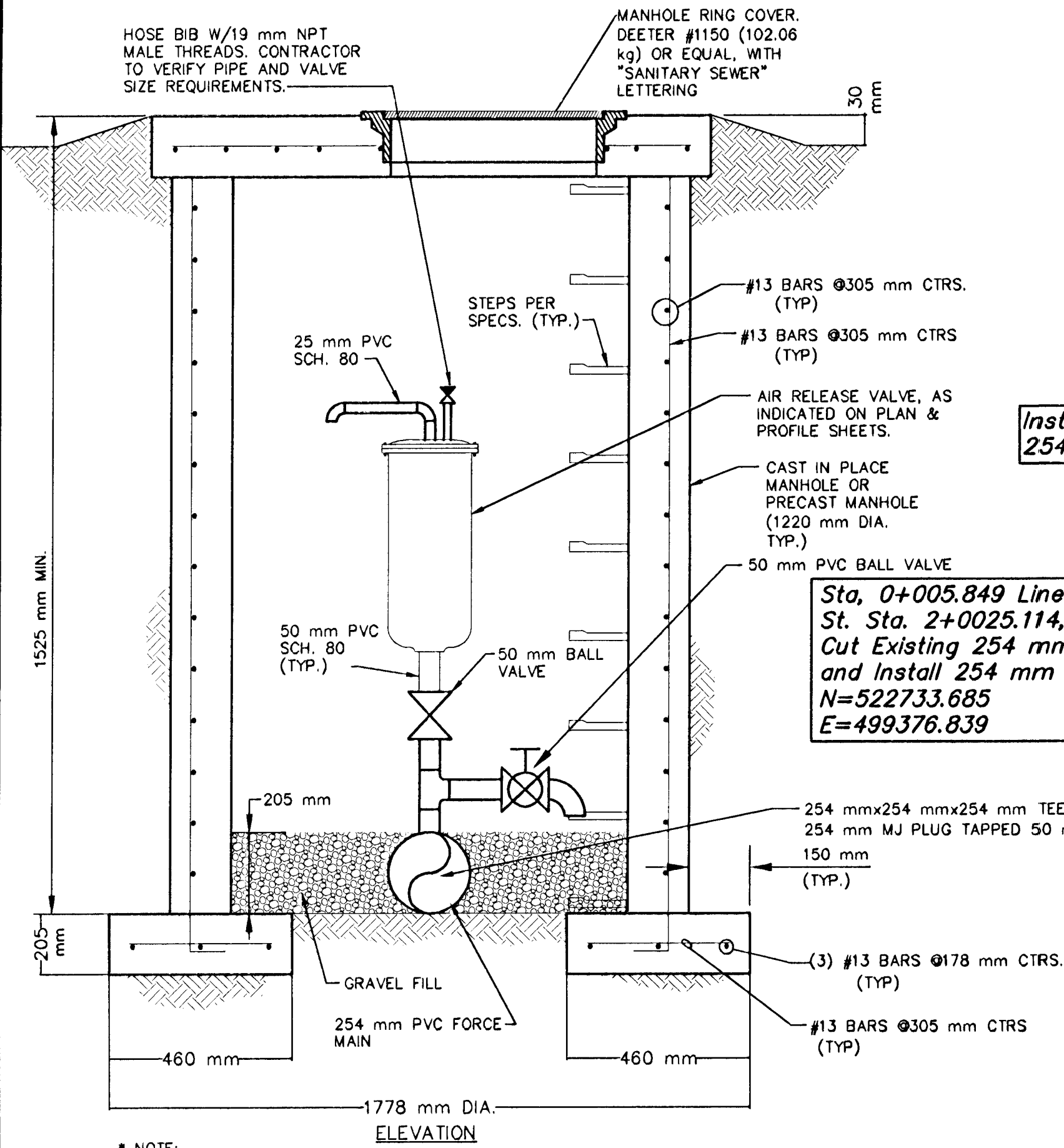


FHWA REG NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87N-0116-01	1999	31	110

DATE	
BY	
REFERENCES NOTED	
REFERENCES CHECKED	



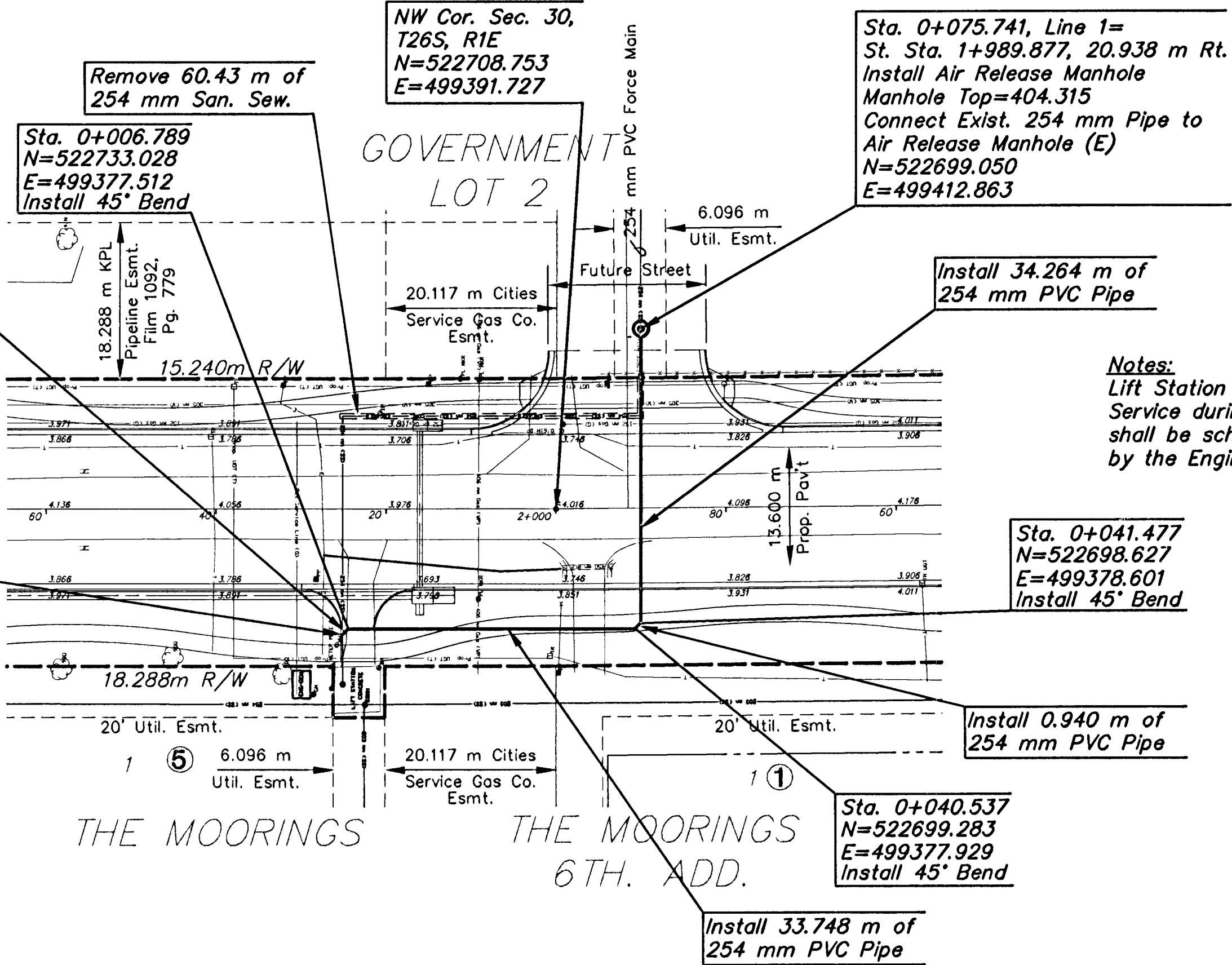
PLAN - LINE 1
SCALE: 1 : 500

PROFILE - LINE 1
HORIZONTAL SCALE: 1 : 500
VERTICAL SCALE: 1 : 50

AIR RELEASE MANHOLE
N.T.S.

405

400



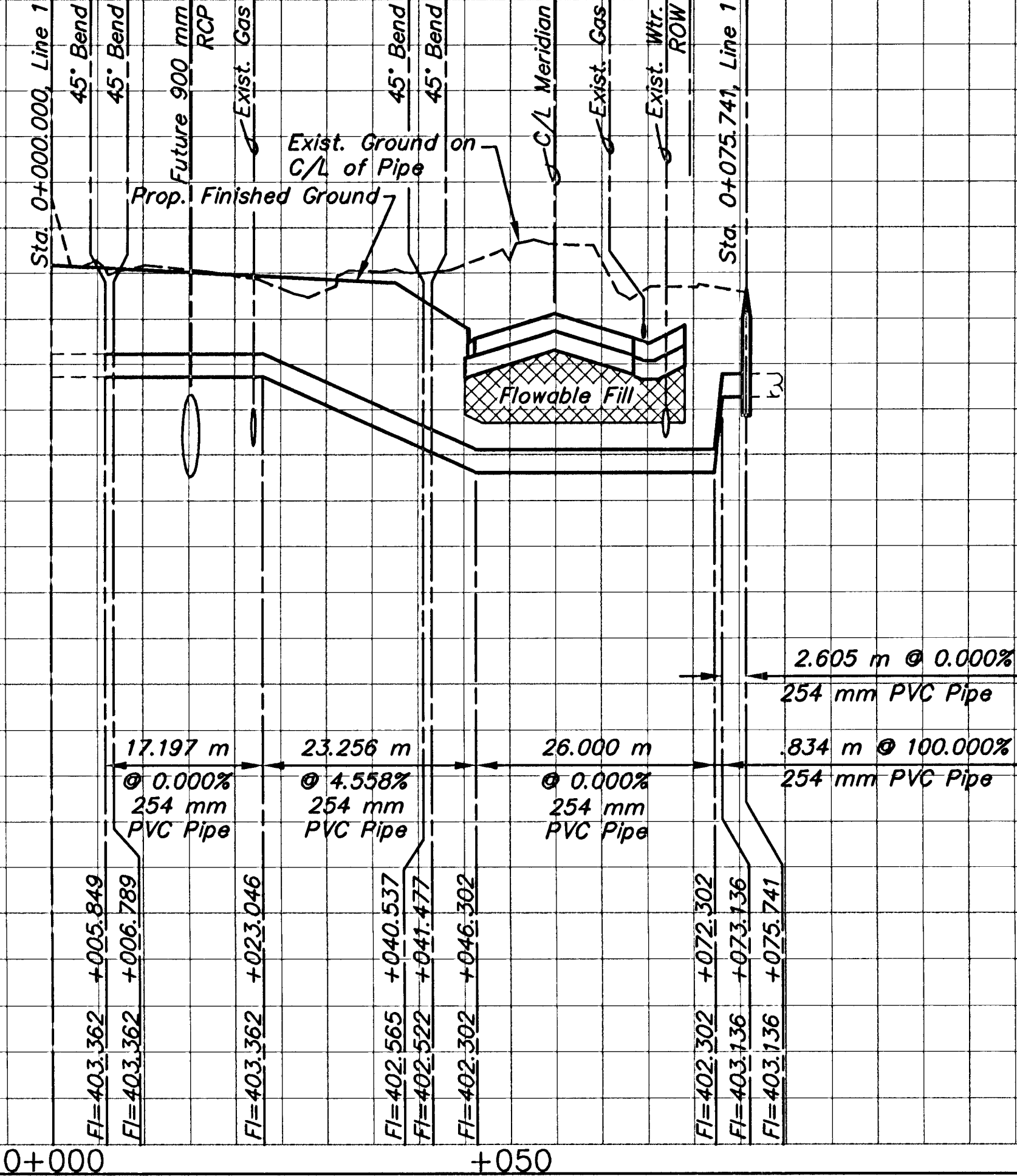
Notes:
Lift Station and Force Main shall remain in Service during construction. New Connections shall be scheduled and coordinated as approved by the Engineer.

THRUST BLOCK DETAILS
NO SCALE

THRUST BLOCK SCHEDULE				
LINE	FITTINGS & ANGLE	DIM "L"	DIM "W"	DIM "H"
10"	45° ELBOW	314 mm	610 mm	762 mm

SUMMARY OF QUANTITIES			
Bid Item	Quantity	Unit	
254 mm PVC Pipe	69.90	m	
45° Bend with Thrust Block	6	Each	
Air Release Manhole	1	Each	

*Relocation of Sanitary Sewer Force Main to be Subsidiary to "Sanitary Sewer Force Main".



KANSAS DEPARTMENT OF TRANSPORTATION
PLAN AND PROFILE
SANITARY SEWER - LINE 1