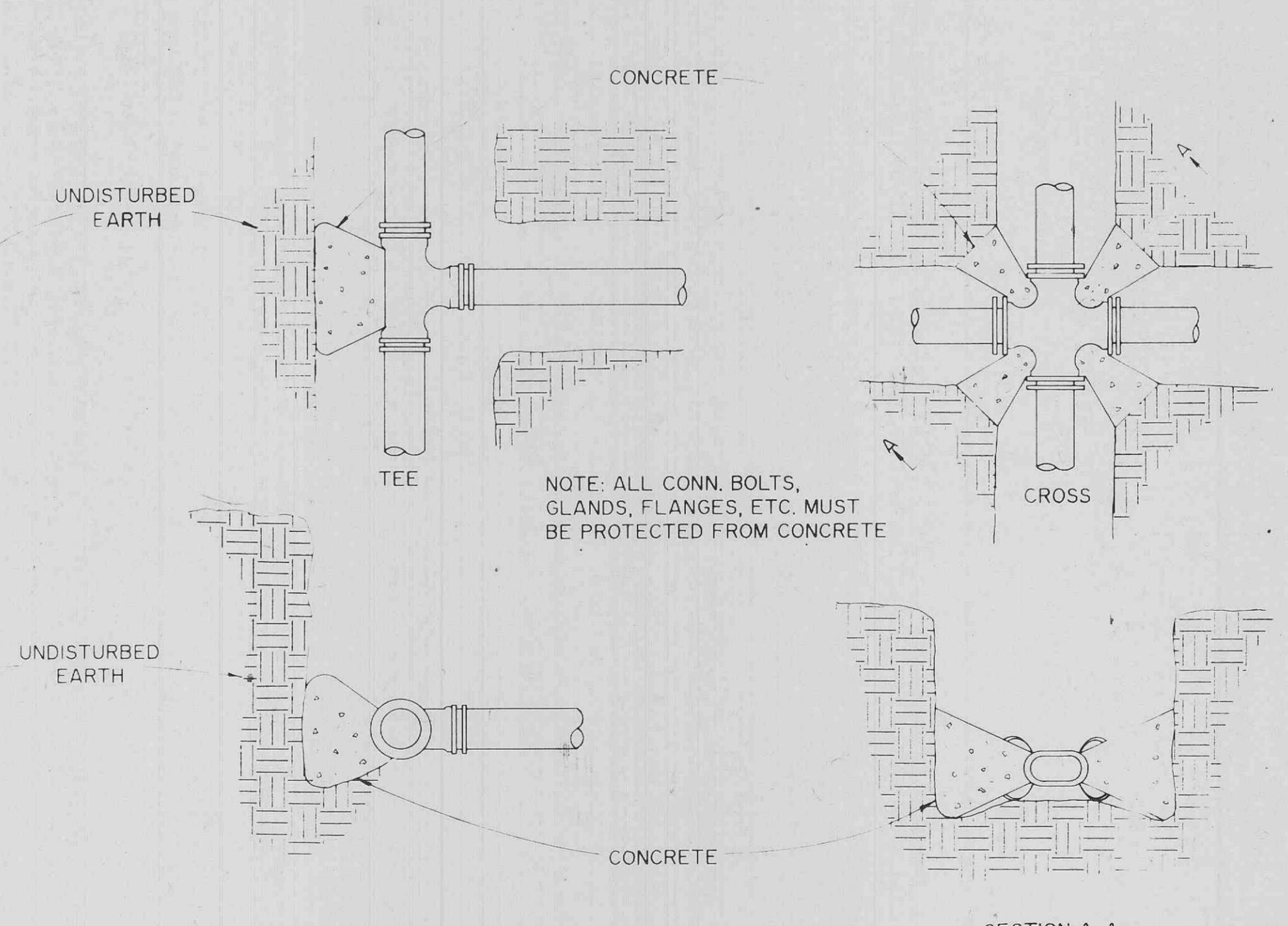
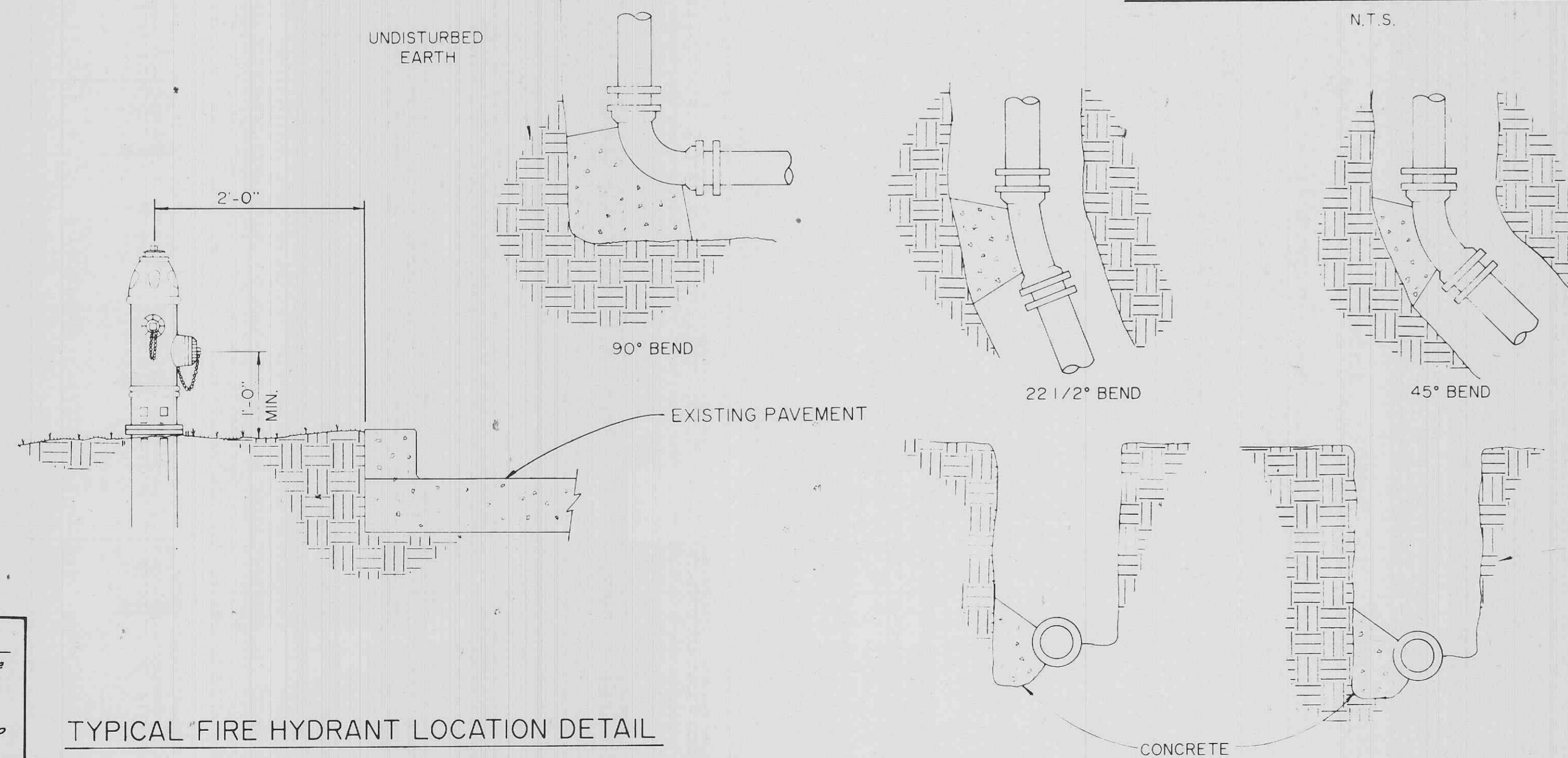
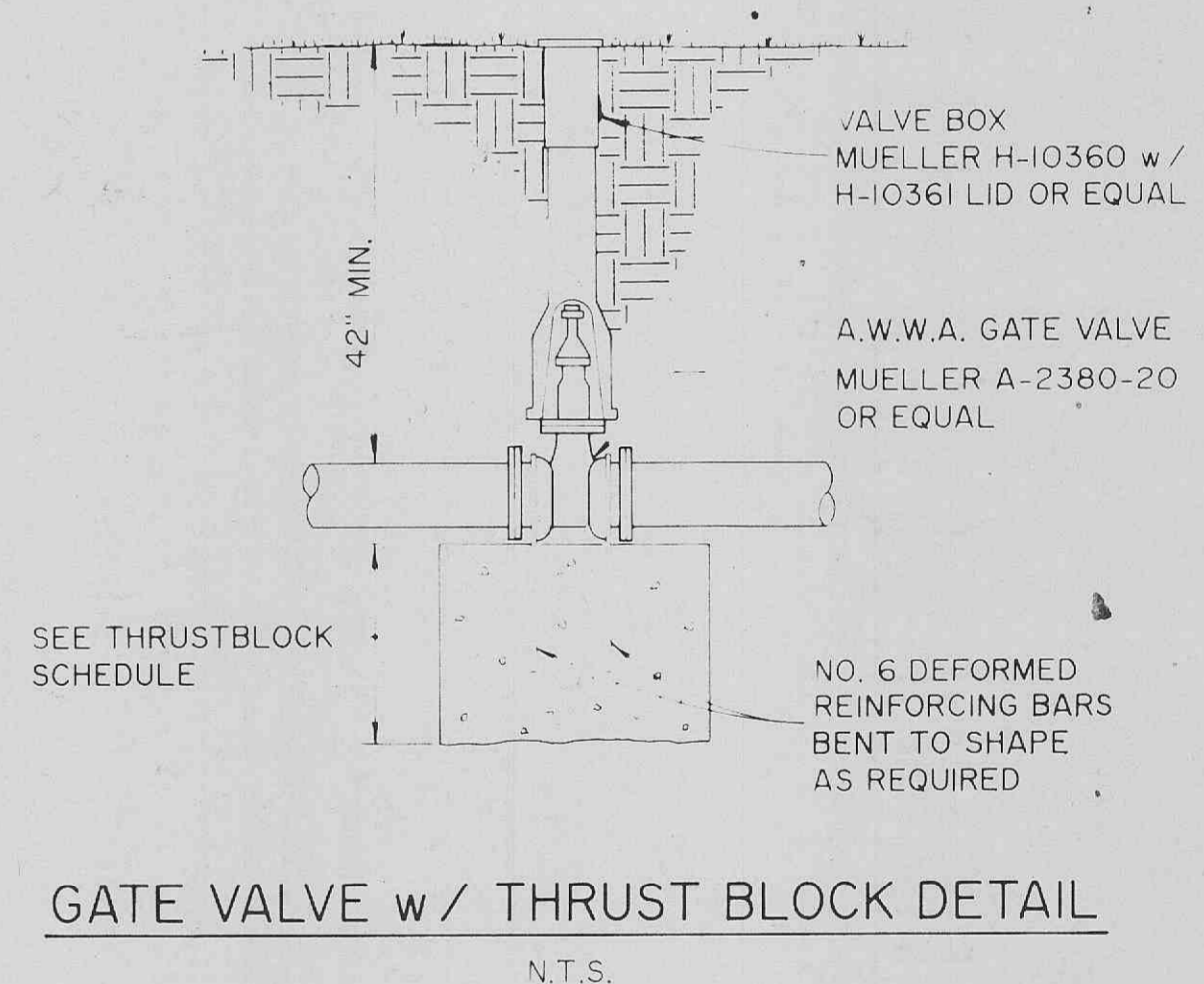
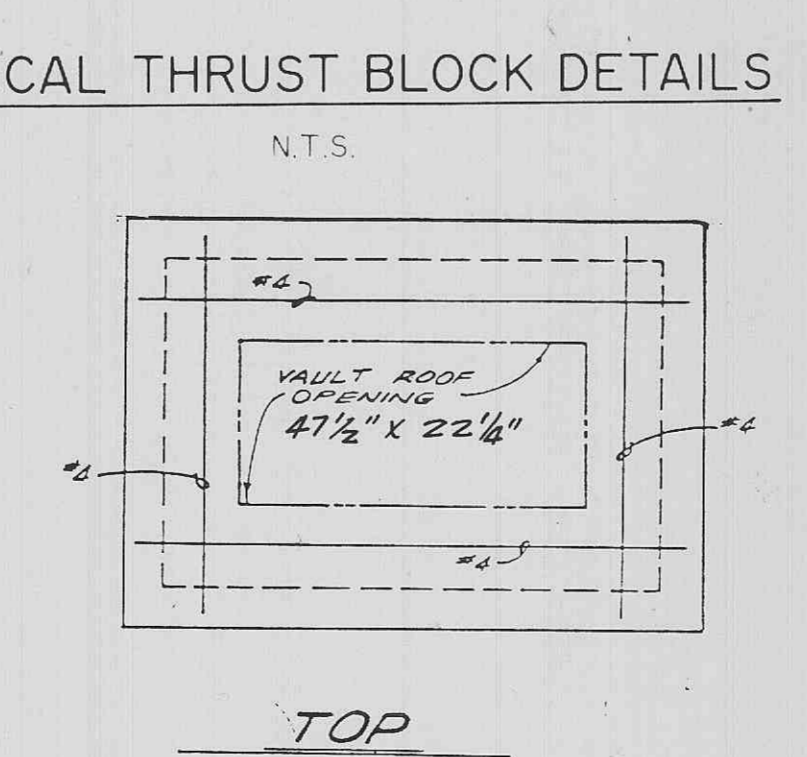
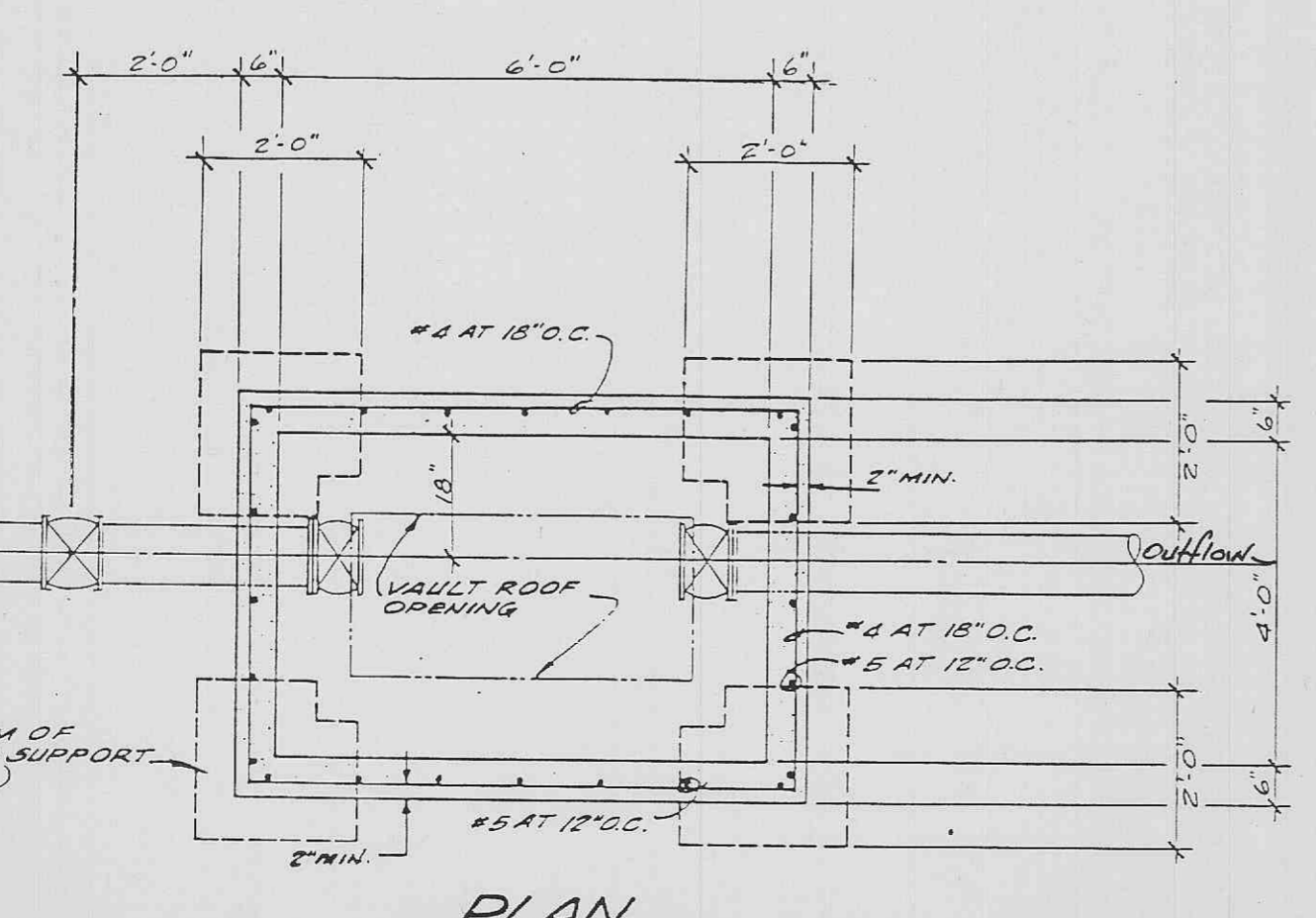
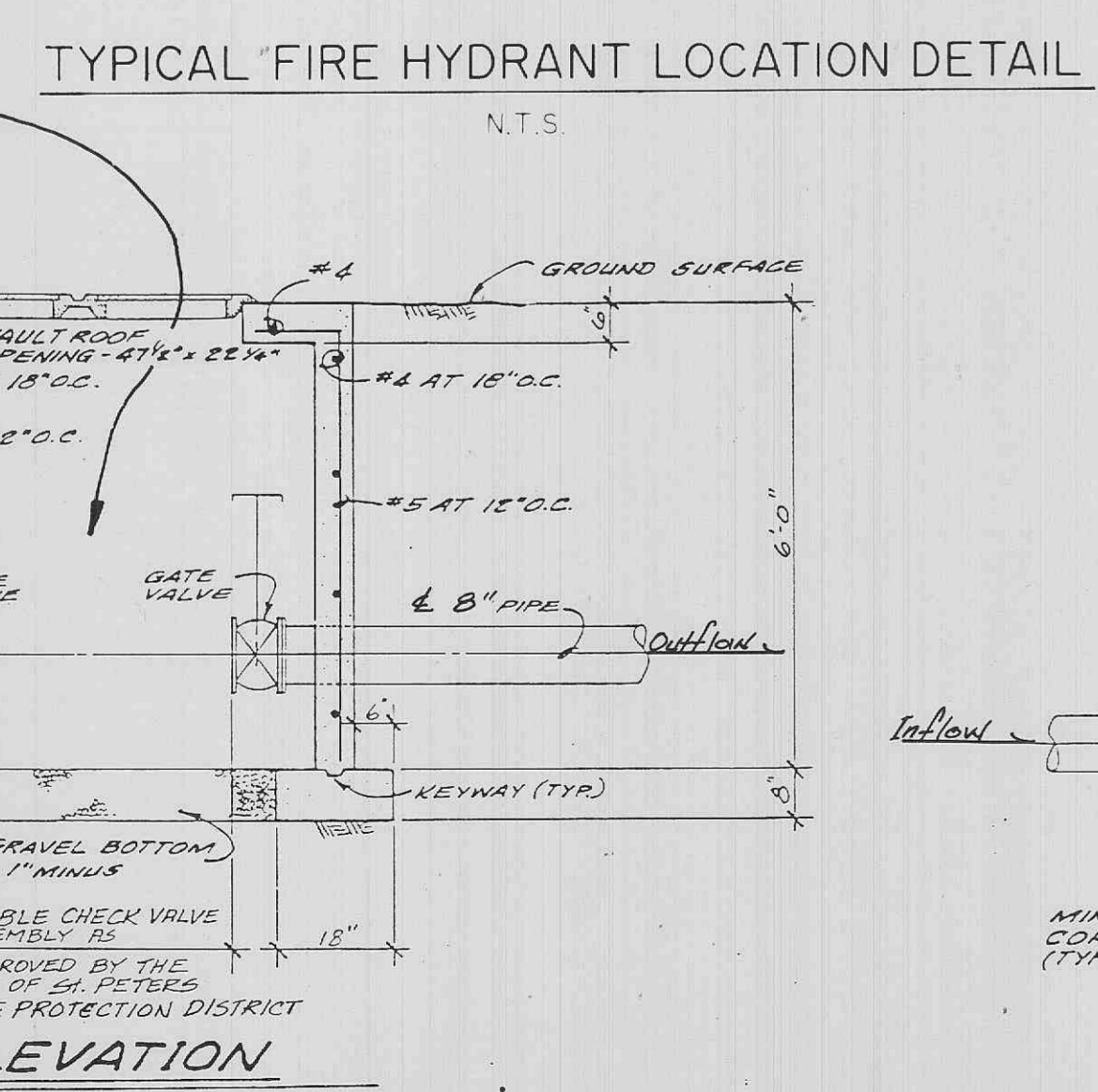


THRUST BLOCK SCHEDULE

MAIN SIZE	MIN. THRUST BLOCK BEARING DIMENSIONS TO BEAR AGAINST UNDISTURBED EARTH				
	90°	45°	22 1/2°	TEE	CROSS
4"	1'x2'	1'x1'	1'x1'	2'x1'	2'x1'
6"	1.5'x3'	1.5'x2.5'	1'x1.5'	2'x1.5'	1'x1.5'
8"	2'x4'	2'x2.5'	1'x2'	2'x2.5'	2'x2.5'
10"	3'x4'	2'x2.5'	1.5'x2'	2'x3.5'	2'x3'



- CONTRACTOR TO PROVIDE:
- 1) 4" Flg. 90 With 4" Galv. Sch. 40 Pipe up to 2 1/2" x 2 1/2" x 4" Rough Brass F.D. Connection.
  - 2) 4" VIC GR. Check Valve w/ Ball Drip
  - 3) 10" Ames Detector Check Backflow Preventer (2 required)



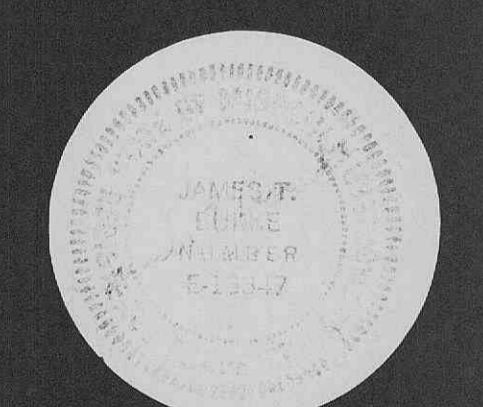
- NOTES:
- 1) VAULT WALLS TO BE CONSTRUCTED OF CONCRETE.
  - 2) LIDS AND FRAMES OF OPENING TO BE SET IN PLACE, NOT IN CONCRETE.
  - 3) DOUBLE SETS OF LIDS AND FRAMES TO BE PROVIDED FOR OPENINGS OF ALL SIZES.
  - 4) VALVES ON EACH SIDE OF DOUBLE CHECK VALVE ASSEMBLY MUST HAVE FLANGED ENDS, BE IN ALIGNMENT, AND BE IMMEDIATELY SECURED TO WITHSTAND WATER THRUST WITH DOUBLE-CHECK ASSEMBLY REMOVED.

FIRE PROTECTION VAULT M.M.E.I. will approve the vault installation.

REVISED 3/6/90

PREPARED BY:  
**PICKETT RAY & SILVER**  
 Civil Engineers  
 Planners  
 Land Surveyors

WAFZ Distribution Center  
 OWNER: Trammell Crow Company  
 CONTRACTOR: R.W.Murray Co.



Revision Dates

1/24/90
1/10/90
11 20/ 89
10 30 89
10 19 89

Issue Date

Sheet Title

CONSTRUCTION DETAILS

RWM Job Number

570

Sheet Number

C-8