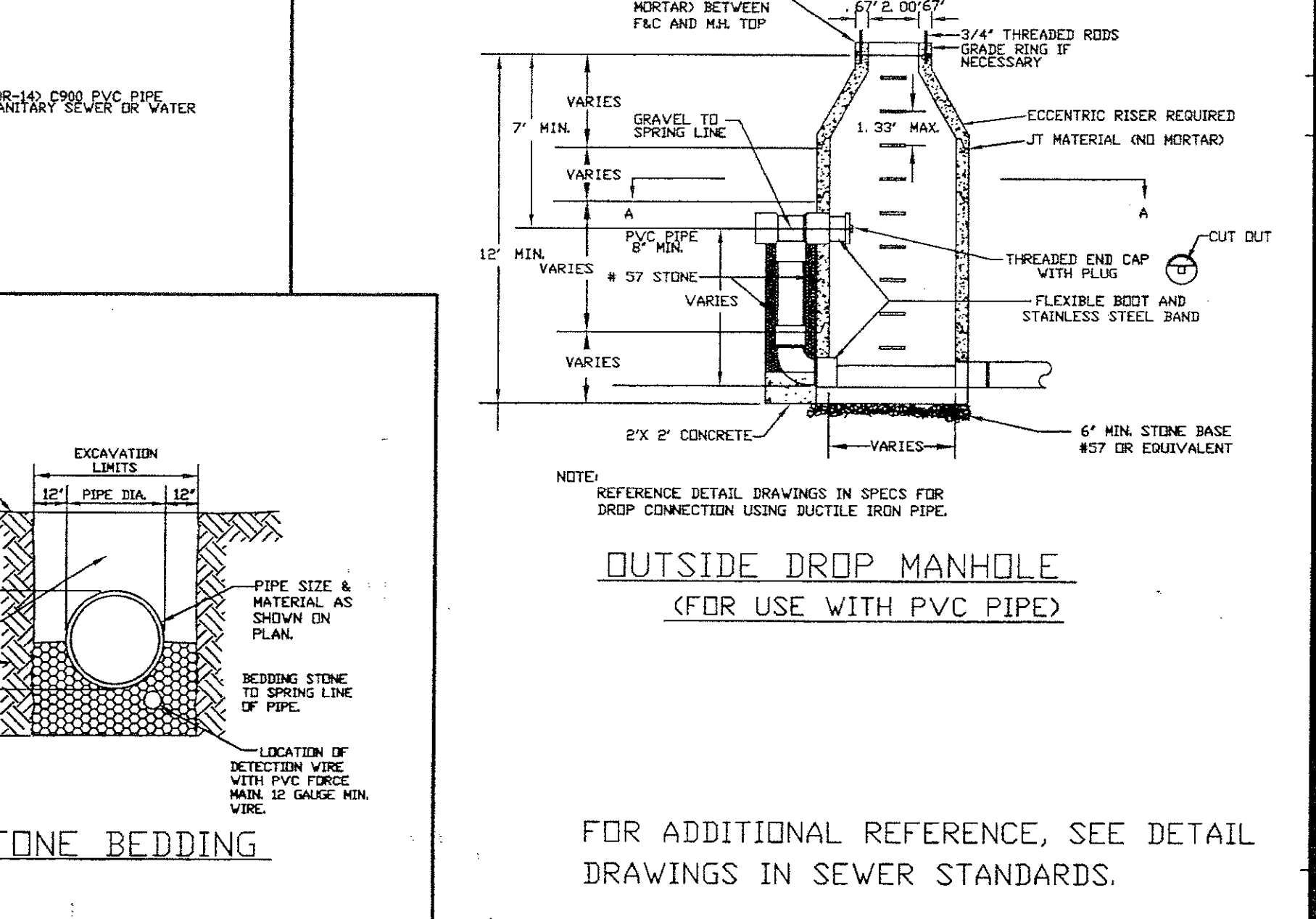
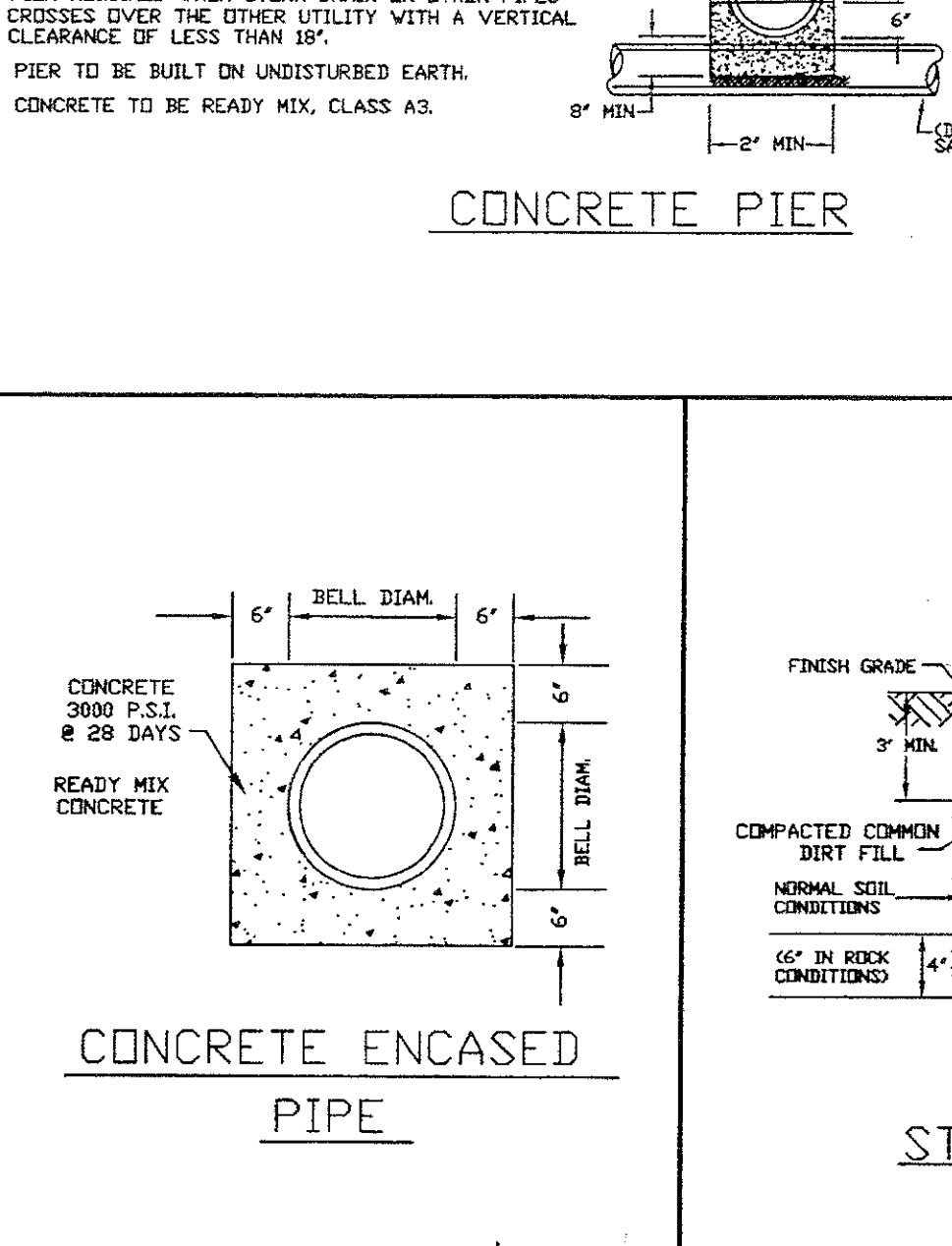
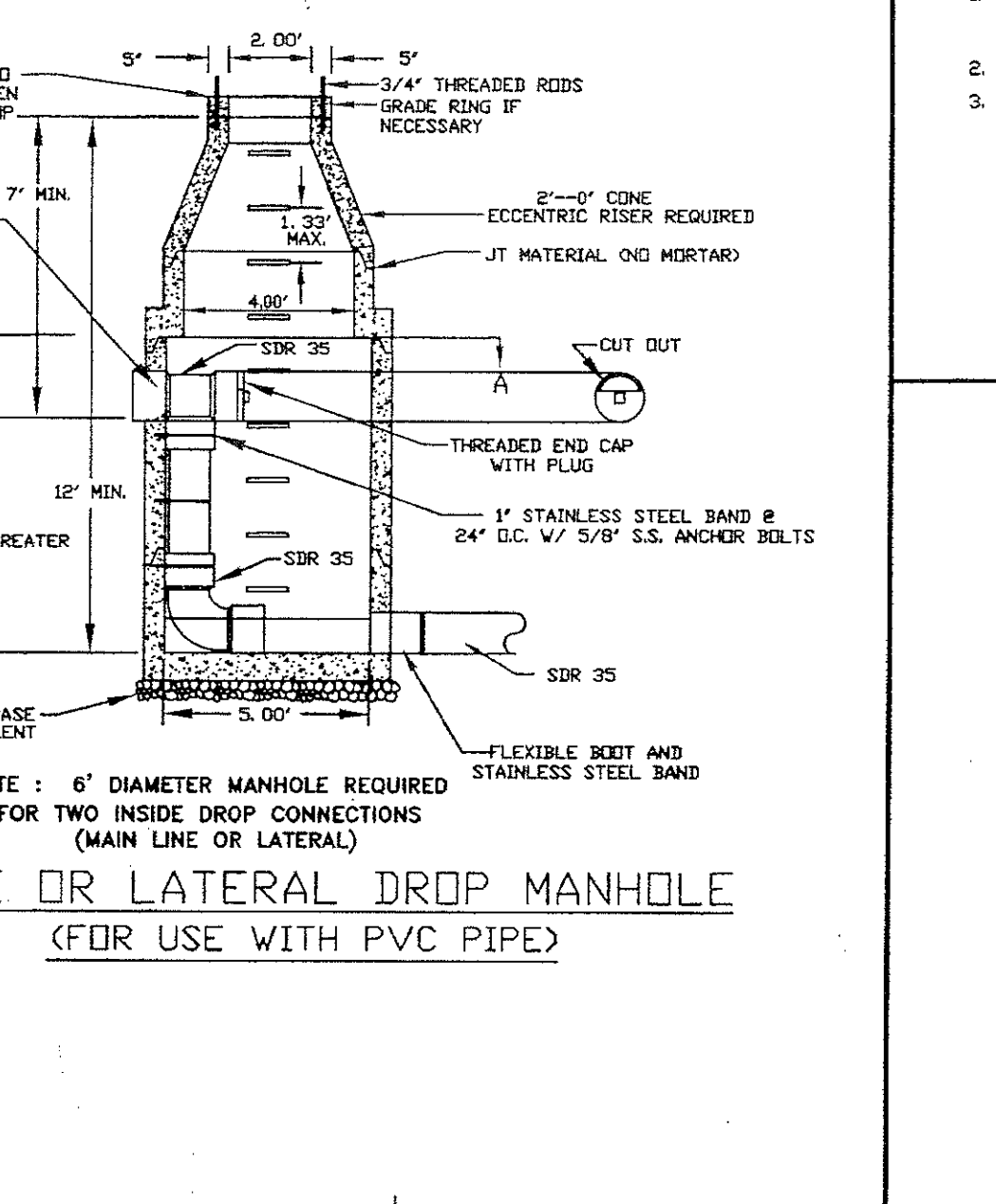
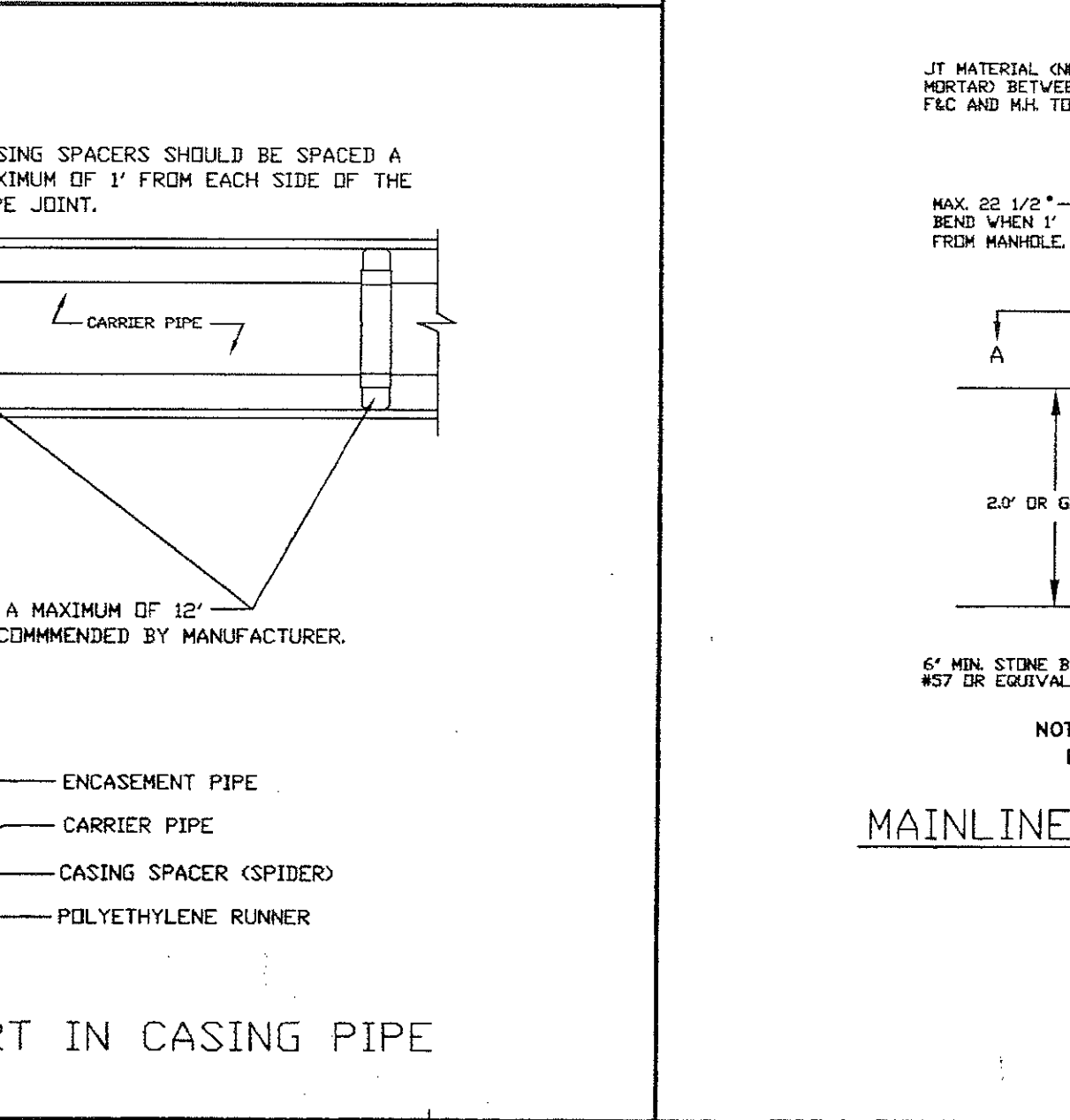
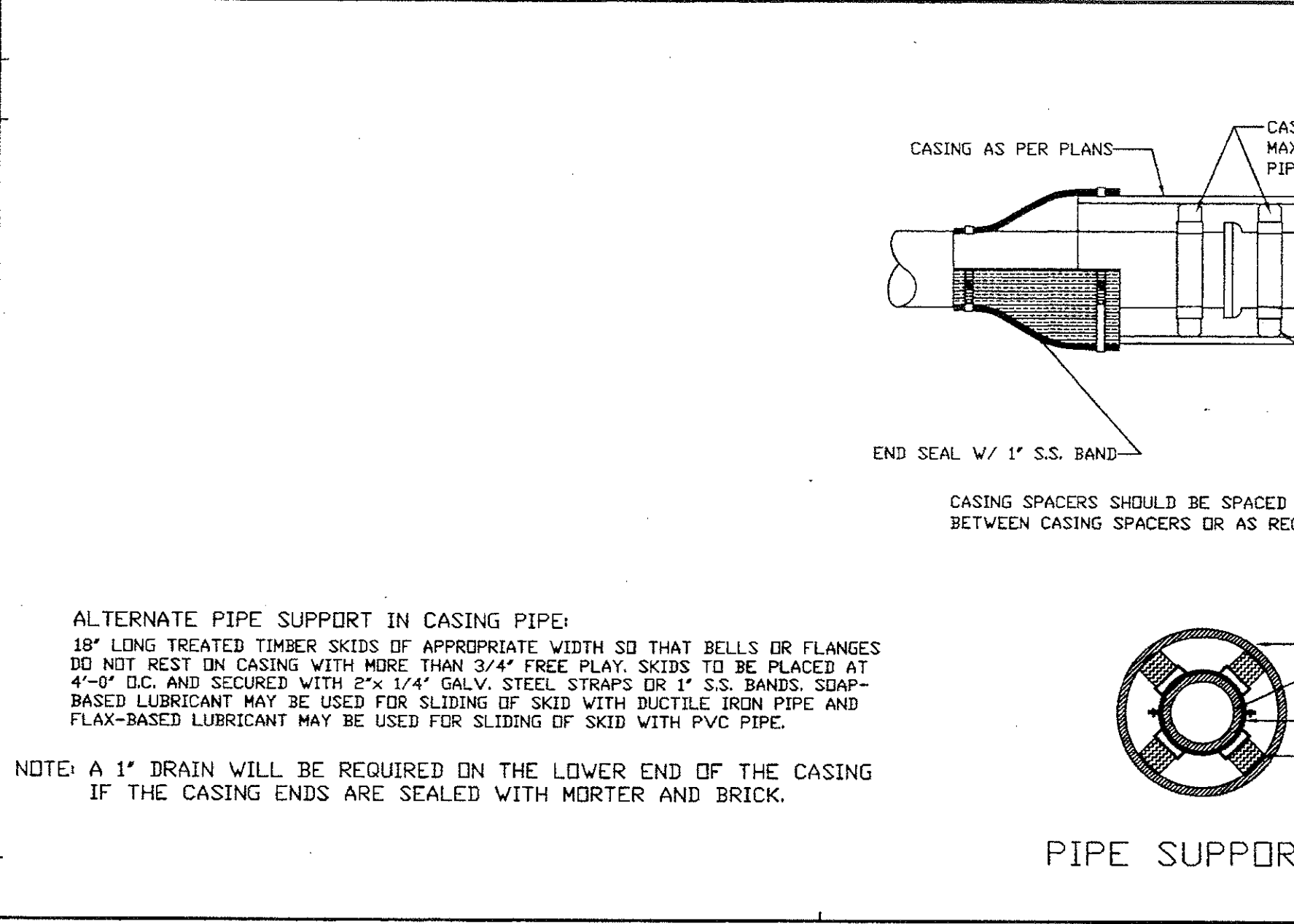
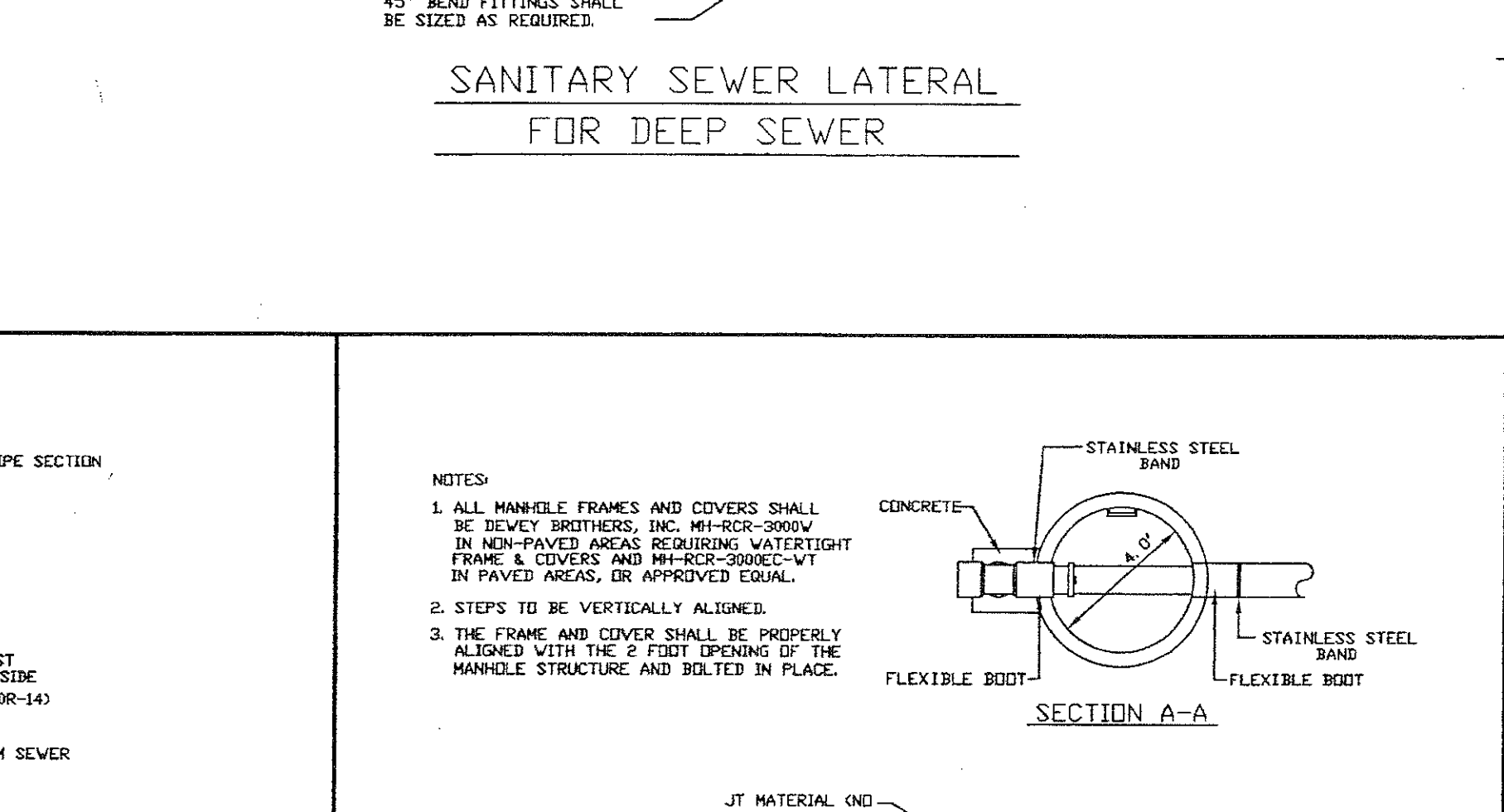
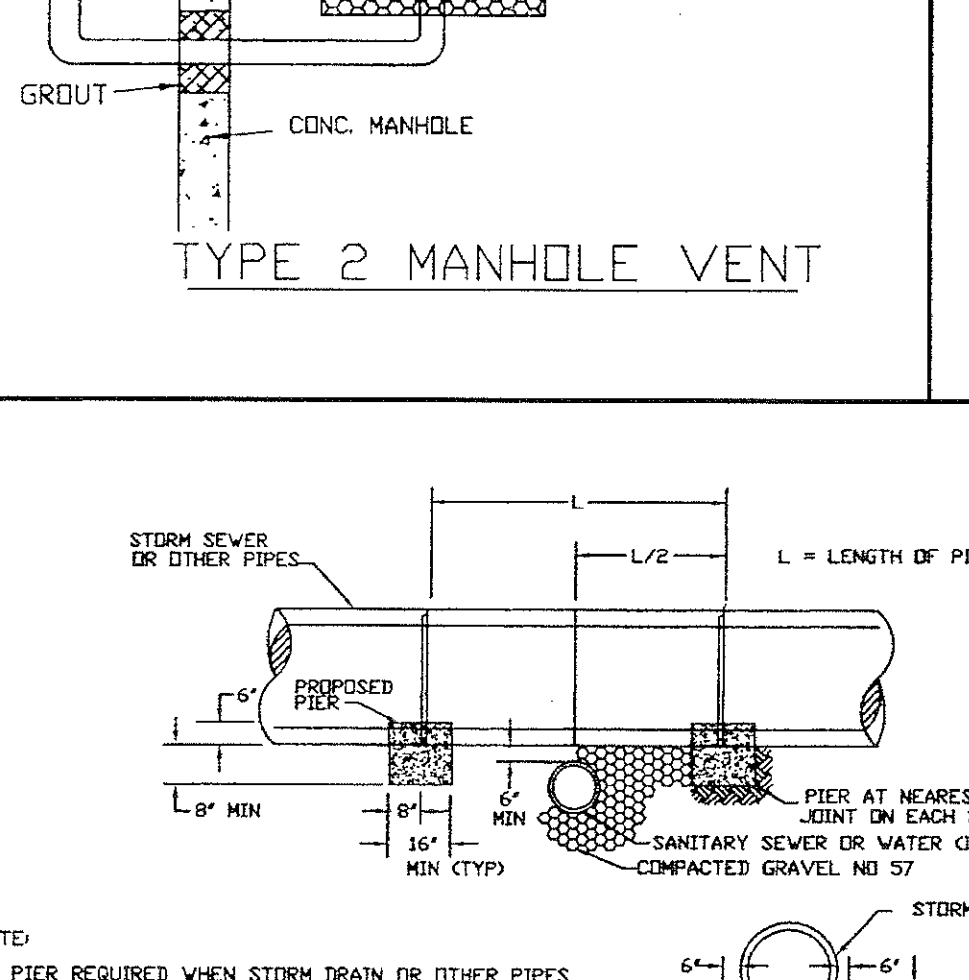
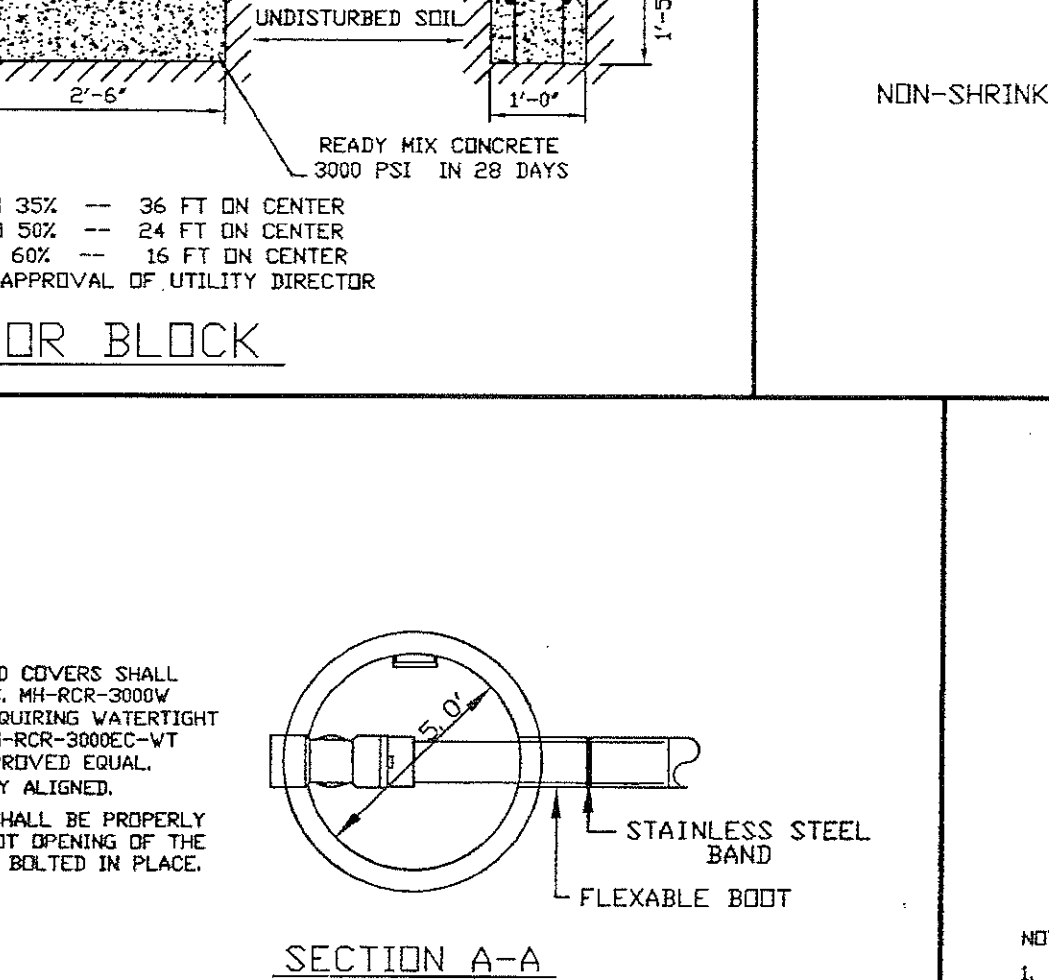
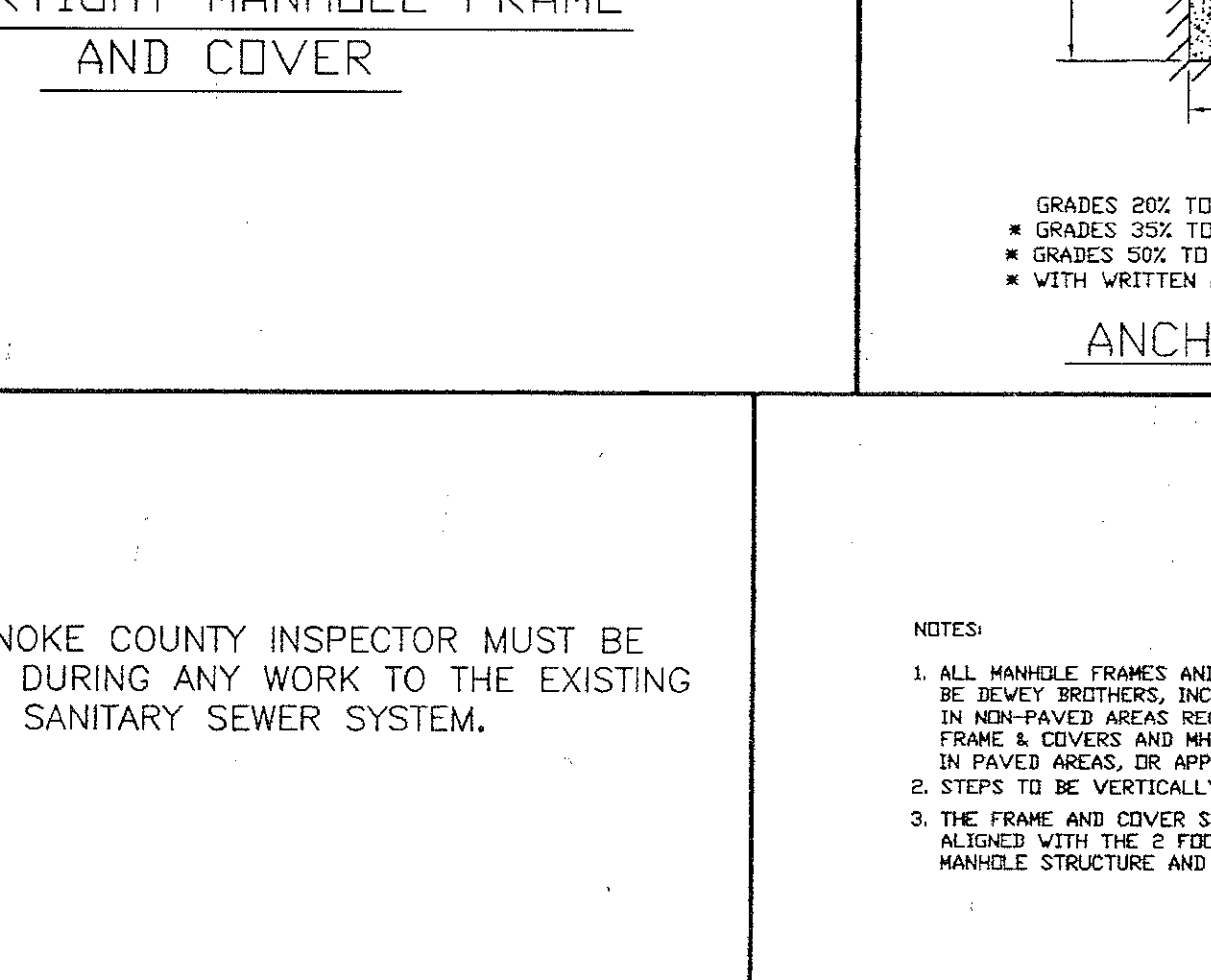
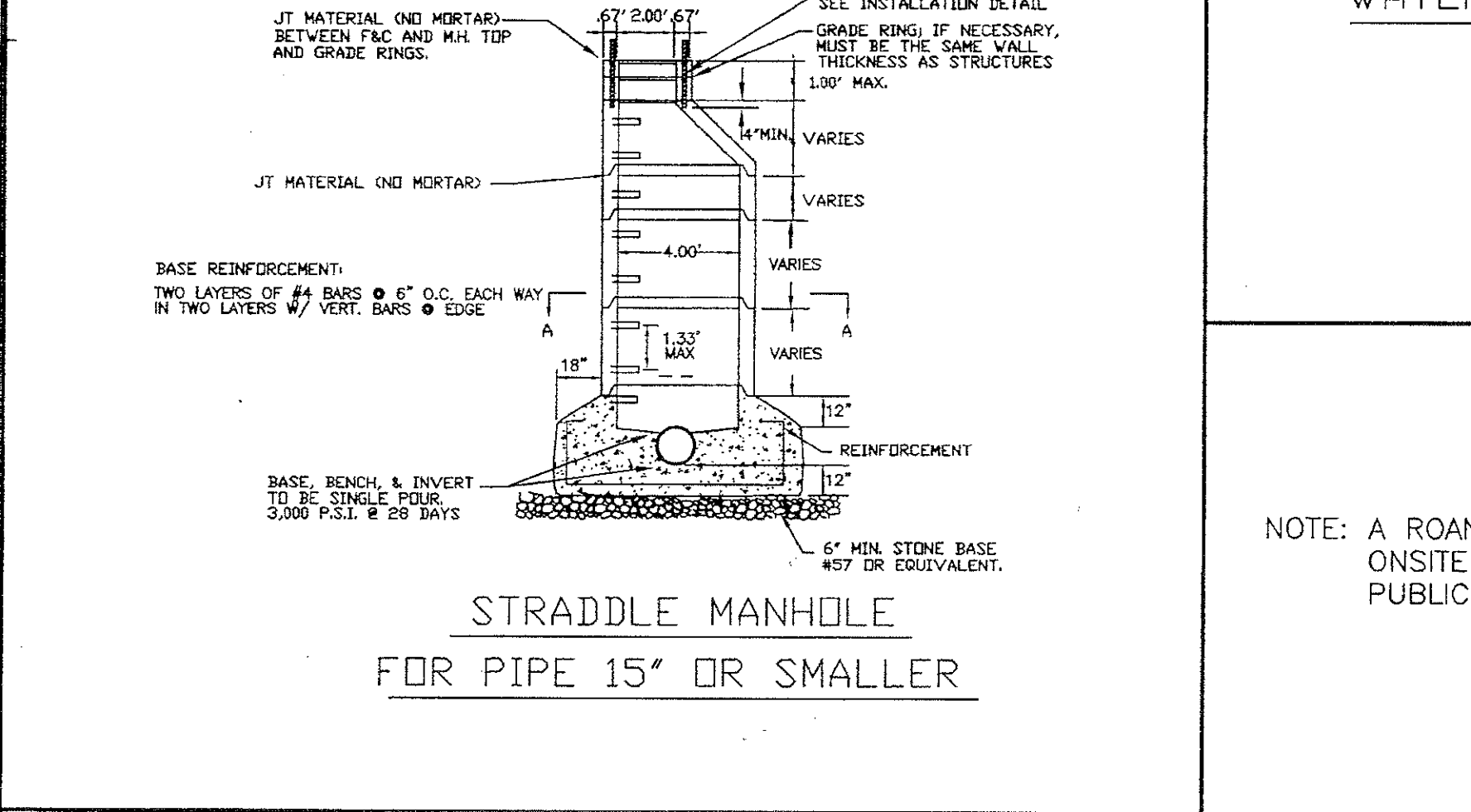
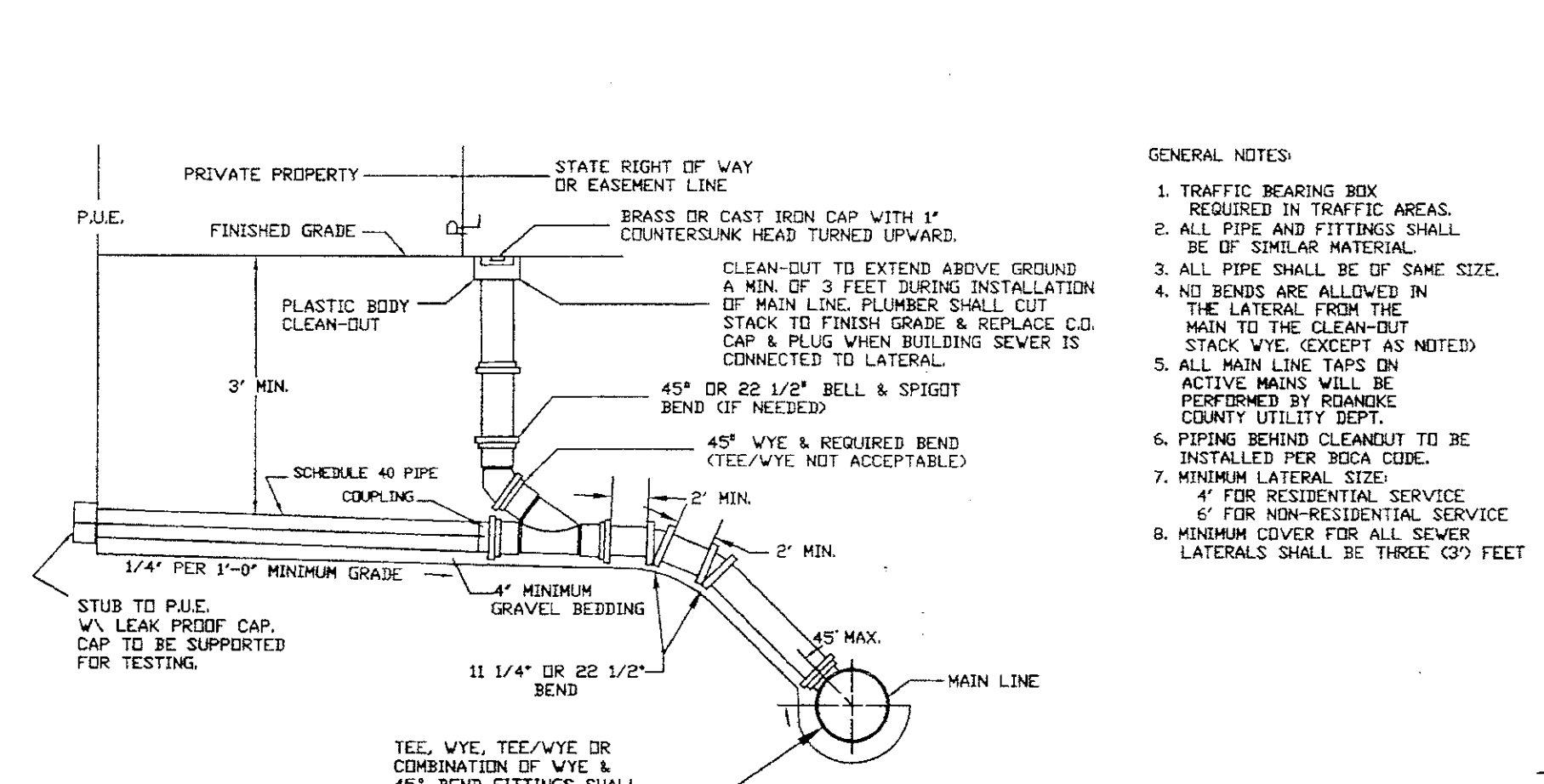
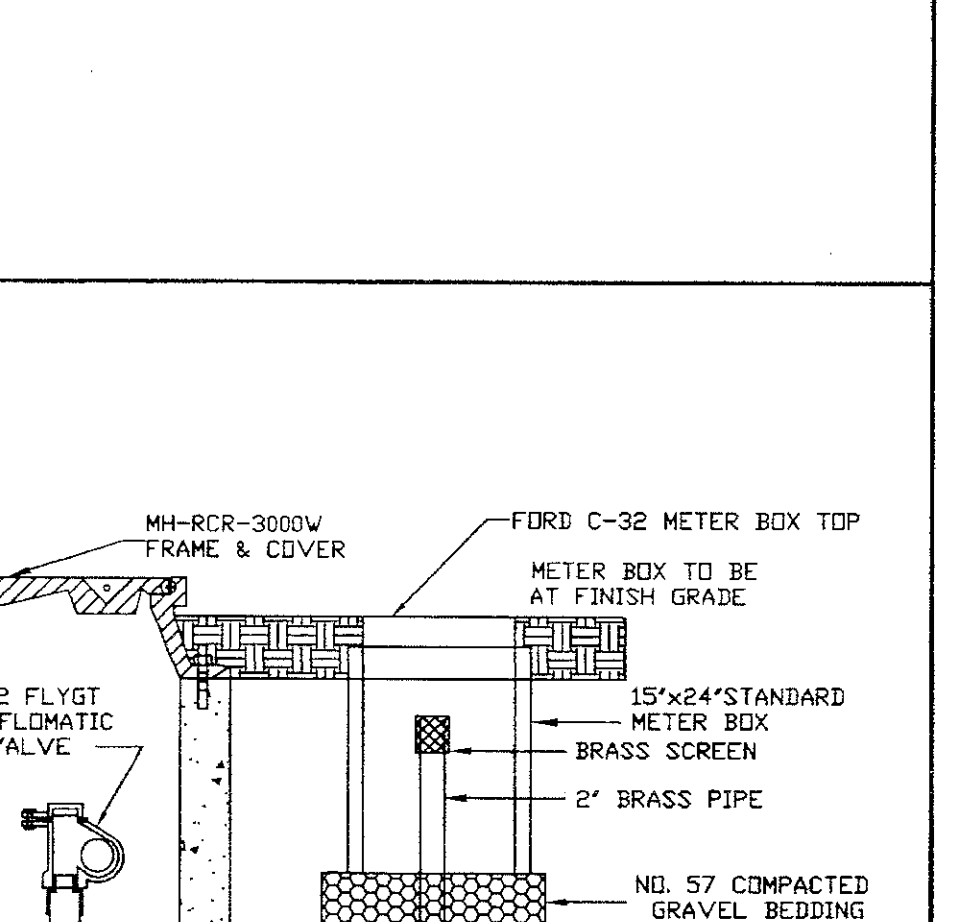
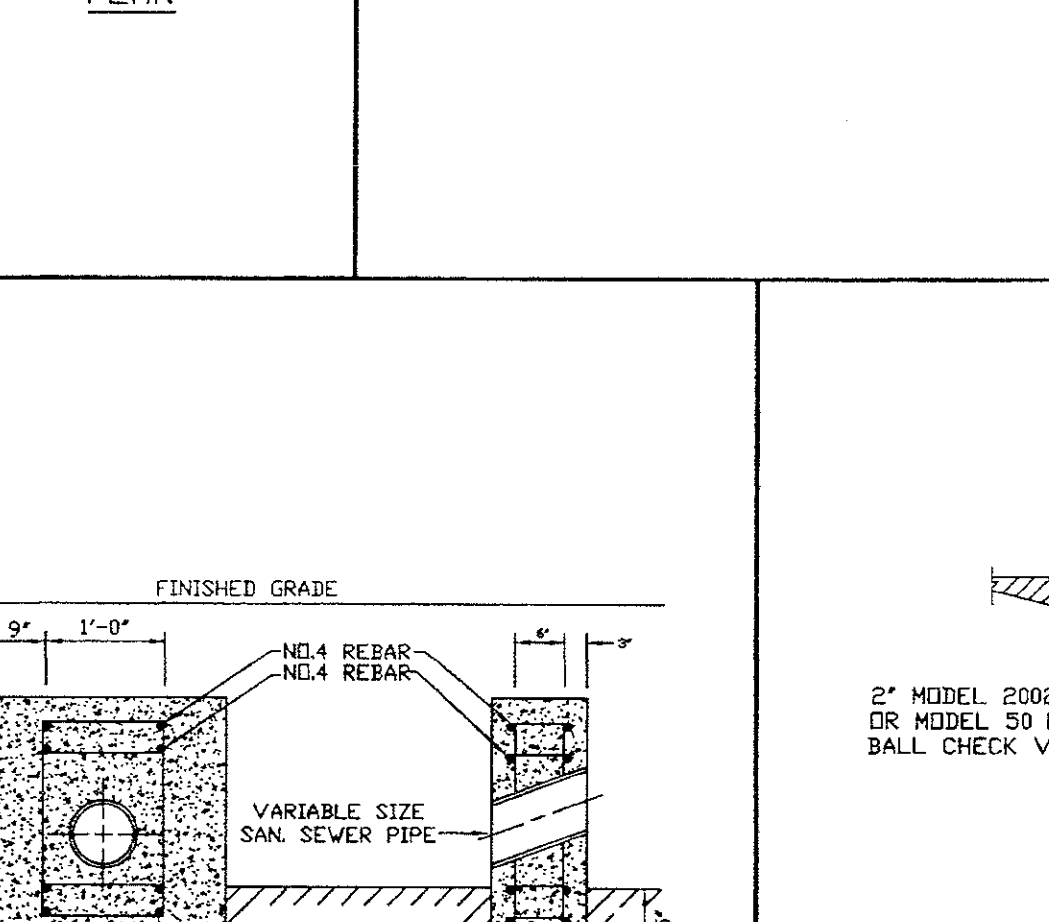
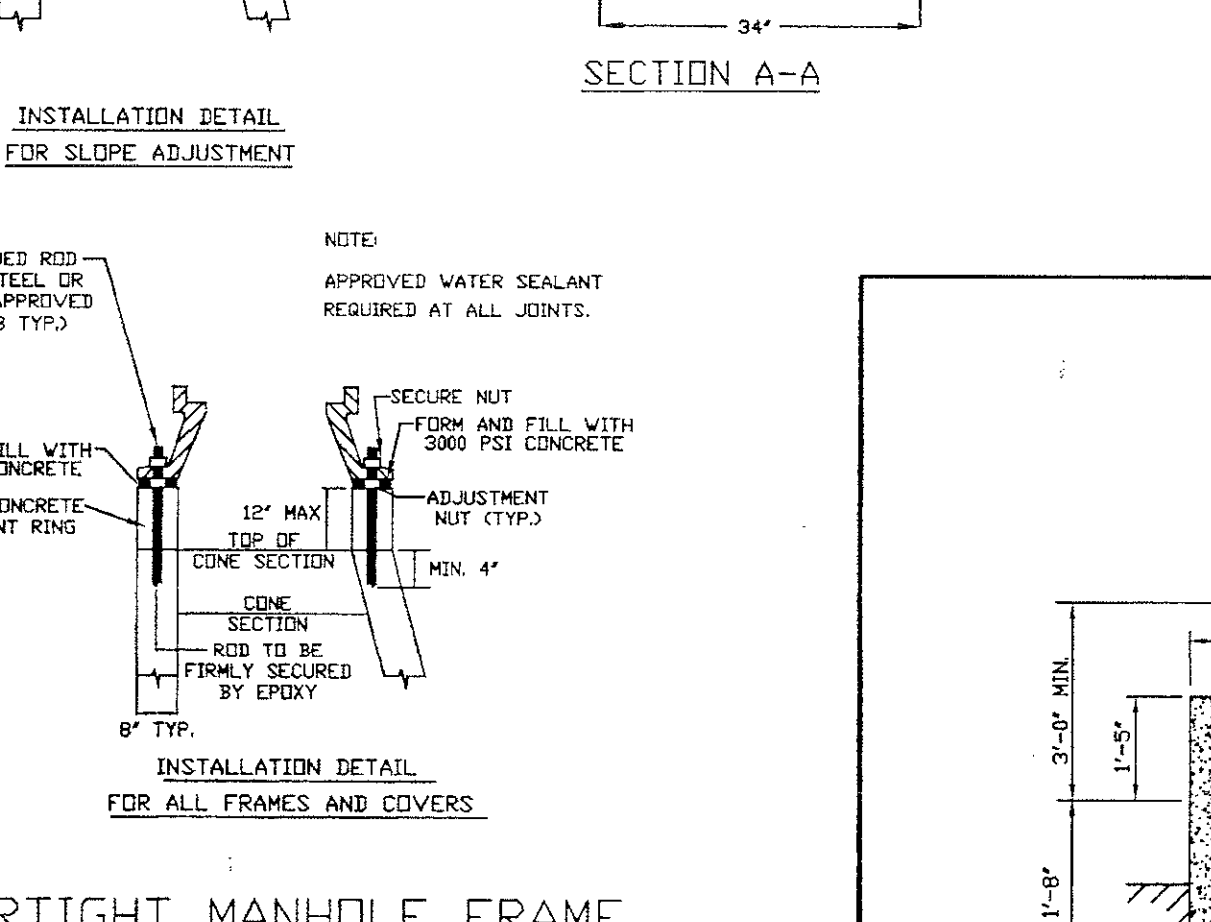
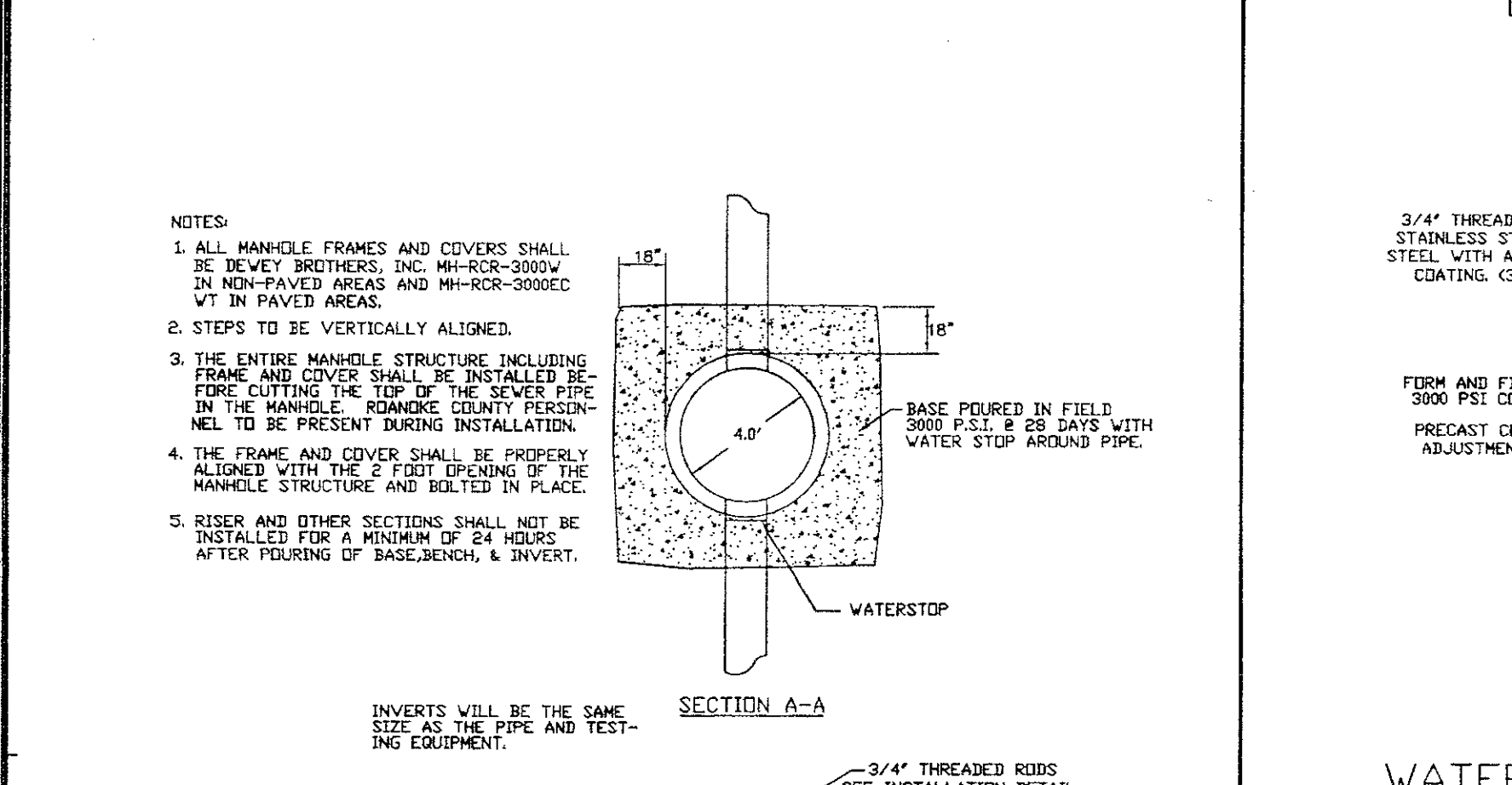
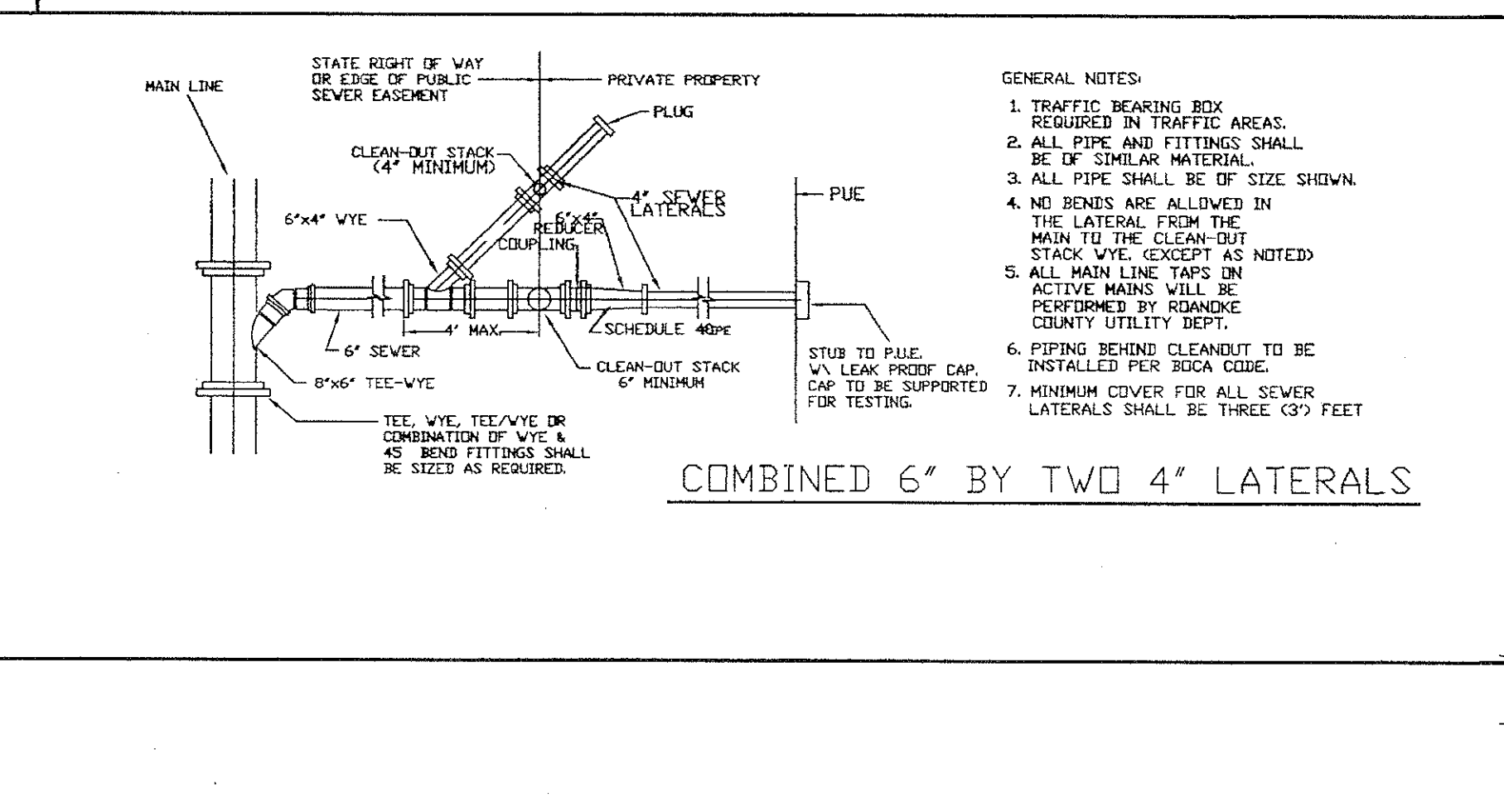
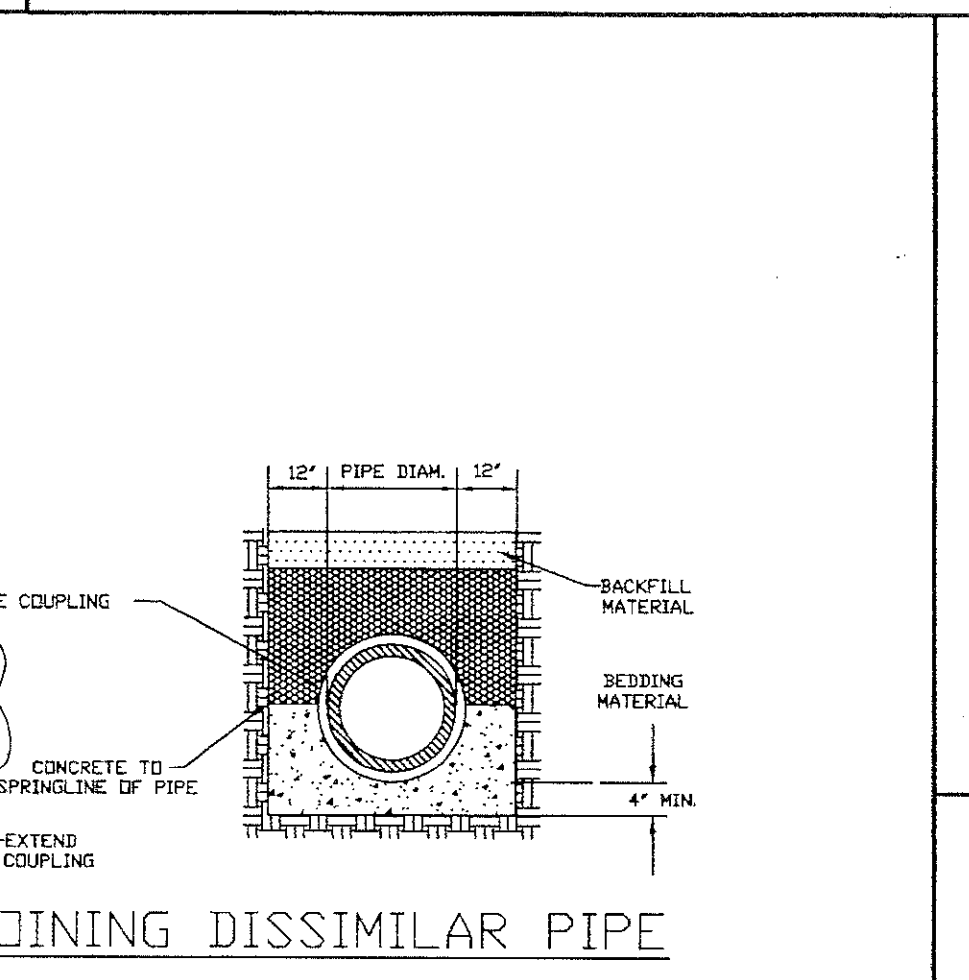
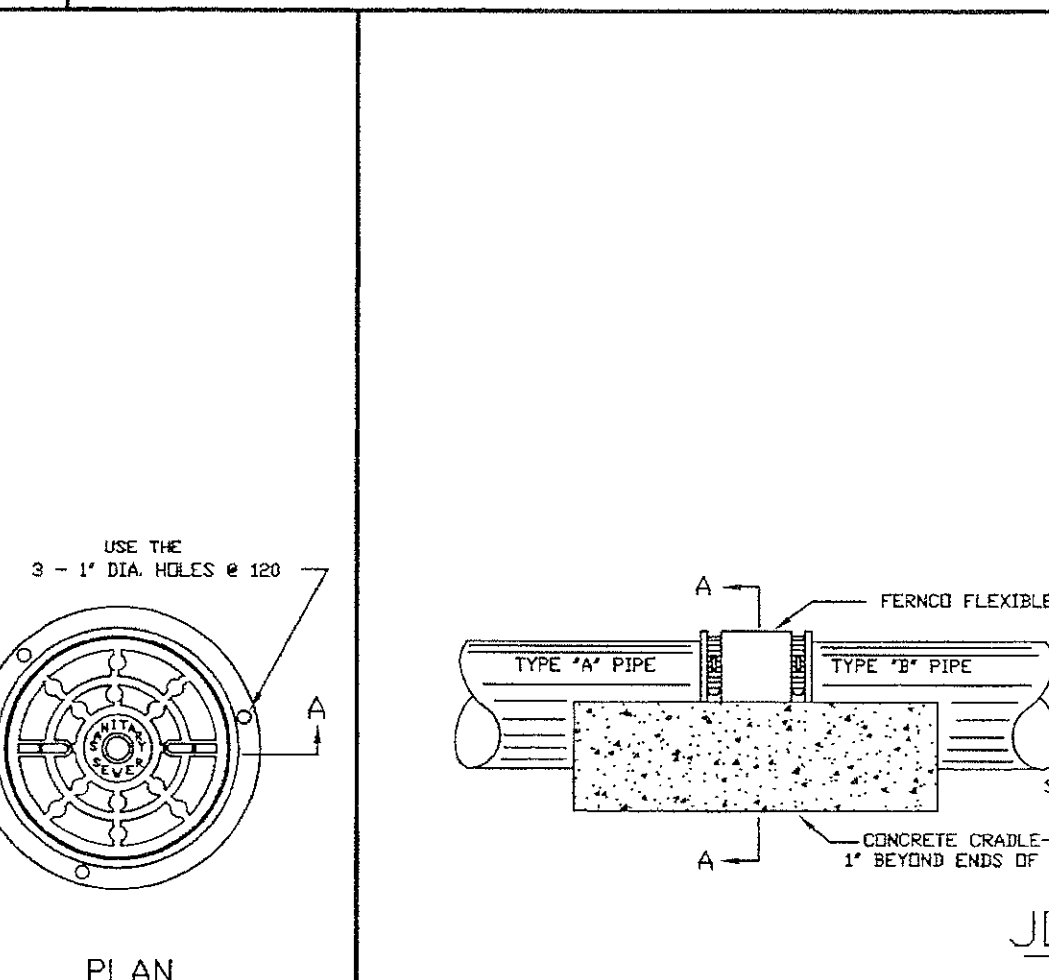
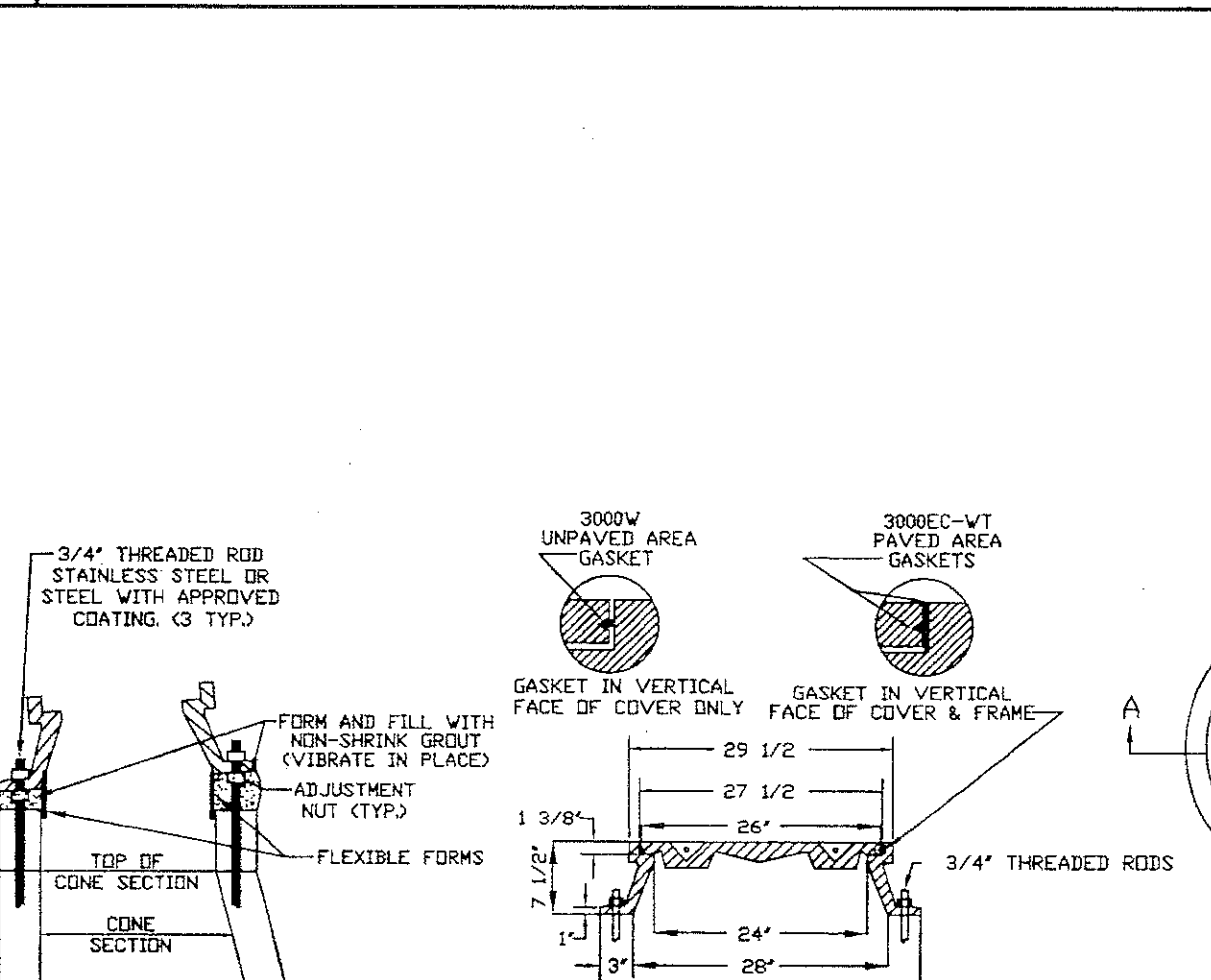


Pipe Diameter (in.)	Min. Time (min)	Length for Length (ft)	Specified Time for Length (L) Shown (minutes)									
			100 R	150 R	200 R	250 R	300 R	350 R	400 R	450 R	500 R	550 R
4	3:46	597	3:46	3:46	3:46	3:46	3:46	3:46	3:46	3:46	3:46	3:46
6	5:40	388	5:40	5:40	5:40	5:40	5:40	5:40	5:40	5:40	5:40	5:40
8	7:34	296	7:34	7:34	7:34	7:34	7:34	7:34	7:34	7:34	7:34	7:34
10	9:28	239	9:28	9:28	9:28	9:28	9:28	9:28	9:28	9:28	9:28	9:28
12	11:20	199	11:20	11:20	11:20	11:20	11:20	11:20	11:20	11:20	11:20	11:20
15	14:10	159	14:10	14:10	14:10	14:10	14:10	14:10	14:10	14:10	14:10	14:10
18	17:00	133	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00
21	19:50	114	19:50	19:50	19:50	19:50	19:50	19:50	19:50	19:50	19:50	19:50
24	22:40	99	22:40	22:40	22:40	22:40	22:40	22:40	22:40	22:40	22:40	22:40
27	25:30	88	25:30	25:30	25:30	25:30	25:30	25:30	25:30	25:30	25:30	25:30
30	28:20	80	28:20	28:20	28:20	28:20	28:20	28:20	28:20	28:20	28:20	28:20
33	31:10	72	31:10	31:10	31:10	31:10	31:10	31:10	31:10	31:10	31:10	31:10
36	34:00	66	34:00	34:00	34:00	34:00	34:00	34:00	34:00	34:00	34:00	34:00



20 South Roanoke St.  
Fincastle, Virginia 24090  
540.473.1253 540.473.1254 (Fax)  
email@engineeringconcepts.com

EARLY SITE PACKAGE  
MAY 17, 2000

**SOUTH COUNTY HIGH SCHOOL**

ROANOKE COUNTY, VIRGINIA

Architecture  
Engineering  
Planning  
Interiors

**SFCS**

Sherertz Franklin Crawford Shaffner Inc.  
305 S. Jefferson St., Roanoke, VA 24011  
Phone 540 344-6664  
FAX 540 343-6925  
eMail sfcs@sfcs.com

PROJECT DESIGNER : SFCS  
PROJECT ARCHITECT : SFCS  
PROJECT ENGINEER : ECI  
DRAWN BY : ECI  
CHECKED BY : ECI  
APPROVED BY : ECI

NO. REVISION DESCRIPTION DATE

DRAWING TITLE  
**ROANOKE COUNTY STANDARD SEWER DETAILS**

COMM. NO. 99001  
DATE MAY 17, 2000  
DRAWING SHEET

**C22** 22 OF 30