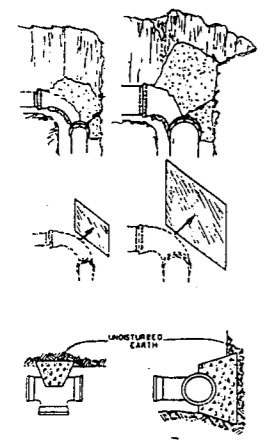


SCHEDULE

PIPE DIAMETER	CONCRETE THRUST COLLAR	ANCHOR RING	REINFORCING
8", 8", 12"	11.0"	11.0"	ONE
15"	11.4"	11.0"	ONE
20"	11.4"	11.0"	ONE
24"	11.4"	11.0"	TWO
30"	11.4"	11.2"	TWO
36"	11.4"	11.4"	TWO

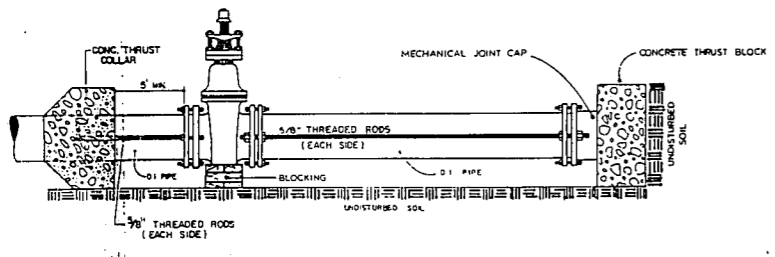
1 THRUST COLLAR INSTALLATION
12 N.T.S.



MINIMUM CONCRETE BLOCKING (C.Y.)*

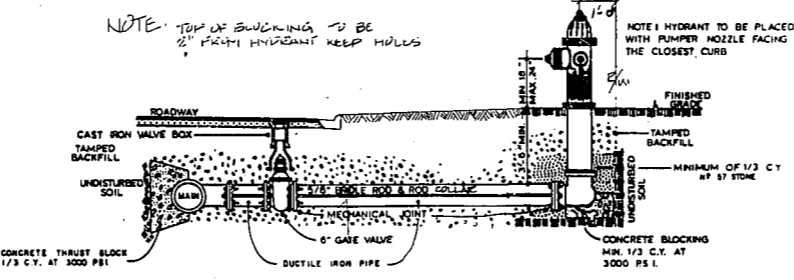
NOM PIPE DIA. IN	TEES & DEAD ENDS	90° BEND	45° BEND	22 1/2° BEND	1 1/4" BEND
4	1/3	1/3	1/3	1/3	1/3
5	1/3	1/3	1/3	1/3	1/3
8	1/3	1/2	1/3	1/3	1/3
10	2/3	1/4	1/3	1/3	1/3
12	3/4	1.0	2/3	1/3	1/3
15	1.0	1 1/2	3/4	1/2	1/3
16	1 1/3	2.0	1.0	1/2	1/3
18	1 2/3	2 1/3	1 1/3	2/3	1/3
20	2.0	3.0	1 2/3	3/4	1/2
24	3.0	4 1/3	2 1/3	1 1/3	2/3

2 THRUST BLOCKING
12 N.T.S.

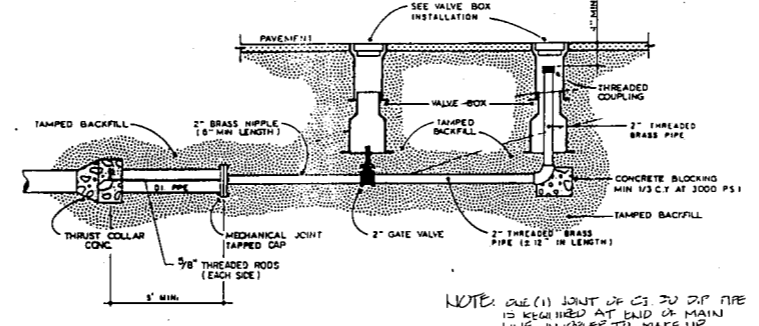


3 CAPPING DETAIL
12 N.T.S.

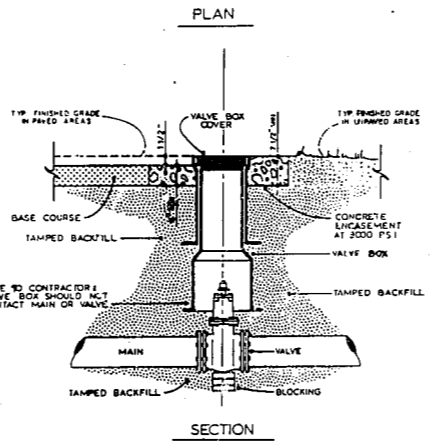
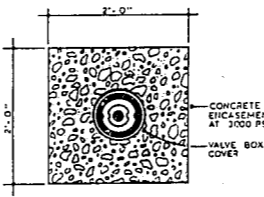
NOTE: TOP OF BUILDING TO BE 2" FROM HYDRANT KEEP HULLS



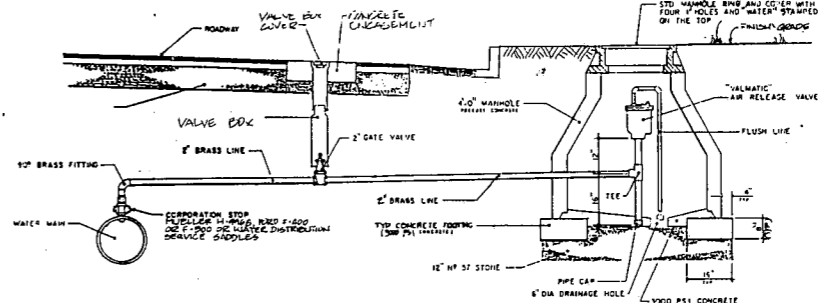
4 HYDRANT INSTALLATION
12 N.T.S.



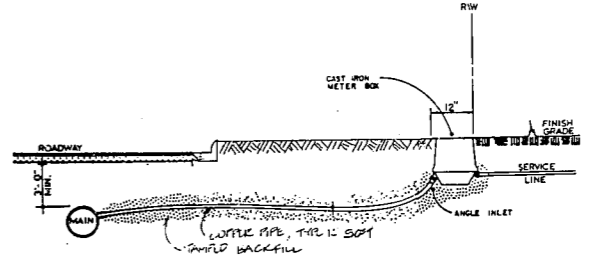
5 2" BLOW-OFF ASSEMBLY
12 N.T.S.



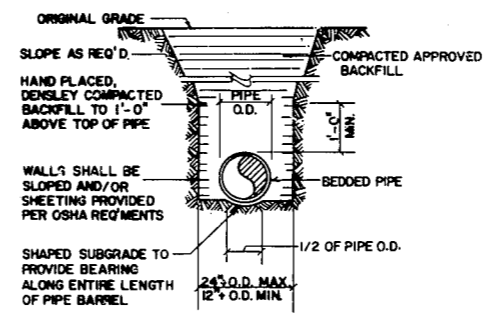
6 VALVE BOX INSTALLATION
12 N.T.S.



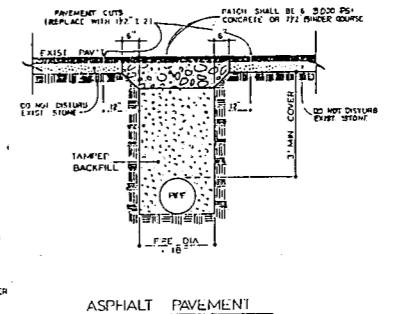
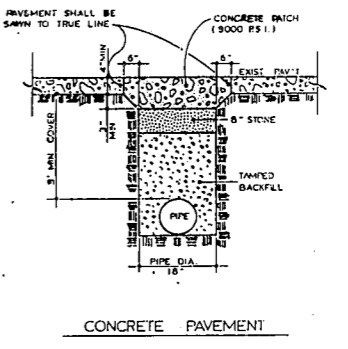
7 AIR RELEASE VALVE & MANHOLE
12 N.T.S.



8 3/4" & 1" METER BOX INSTALLATION
12 N.T.S.



9 PIPE LAYING CONDITION
12 N.T.S.



NOTE TO CONTRACTOR: ALL PAVEMENT CUTS SHALL BE REPAIRED WITHIN A MAXIMUM OF SEVEN (7) DAYS FROM THE DATE THE CUT IS MADE. IF CONDITIONS DO NOT PERMIT A PERMANENT REPAIR WITHIN THE GIVEN TIME LIMIT, PERMISSION TO MAKE A TEMPORARY REPAIR MUST BE OBTAINED FROM THE TOWN ENGINEER.

10 TRENCH & PAVEMENT REPAIR SECTIONS
12 N.T.S.

Dewberry & Davis
Engineers Architects Planners Surveyors
Twin Forks Office Park
5925 Six Forks Road
Raleigh, N.C. 27609
Tel. 847-0418

TRACT R-10
PARKWAY / P.U.D. CARY, N.C.
OWNERS
RICHLAND PROPERTIES, INC.

STANDARD WATERLINE
DETAILS

Scale
N=1"=10'
Sheet
12 of 14
Date
SEPT, 1980
File Number
86014