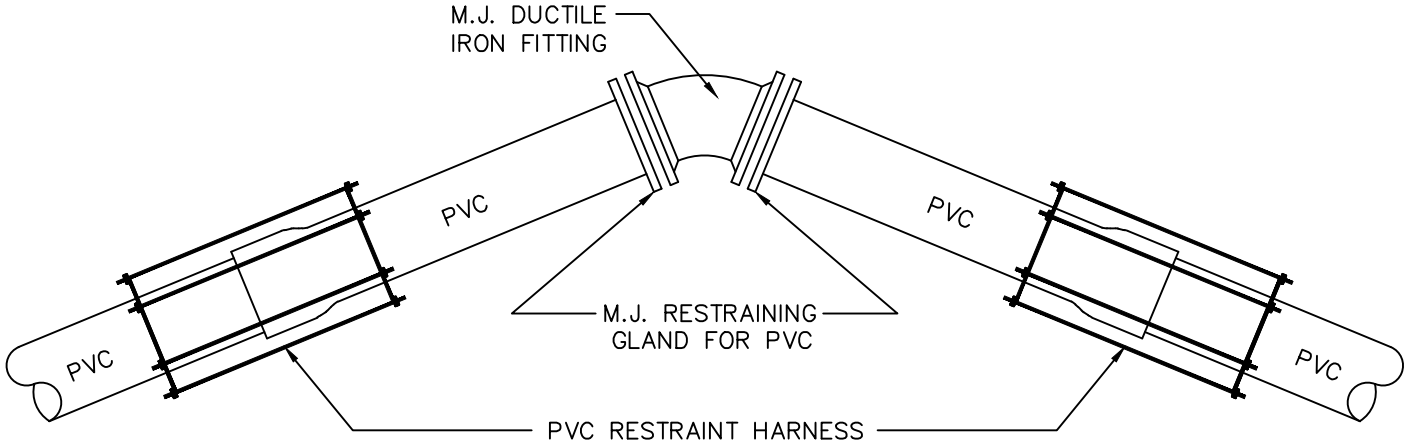


NOTE:

1. REFER TO THE WATER DISTRIBUTION SYSTEM SPECIFICATIONS FOR ACCEPTABLE MANUFACTURERS.
2. THE FOLLOWING CONDITIONS WERE USED TO CALCULATE THE RESTRAINED LENGTHS SHOWN IN THE TABLE:
 - LAYING CONDITION IS TYPE 3
 - SOIL DESIGNATED AS SAND-SILT
 - DEPTH IS 3 FT.
 - DESIGN PRESSURE (TEST) IS 150 P.S.I.
 - SAFETY FACTOR IS 1.5
 - PIPE IS POLYETHYLENE ENCASEDFOR THE TEE BRANCH AND REDUCER, LENGTHS ARE BASED ON BRANCHING AND REDUCING FROM THE NEXT LARGER SIZE IN THE TABLE. TEE BRANCH LENGTH BASED ON RUN LENGTH TO FIRST JOINT OF 10 FT. DEVIATIONS FROM THESE CONDITIONS MUST BE BASED ON THE ABOVE PARAMETERS.

RESTRAINT JOINT TABLE

RESTRAIN ALL JOINTS WITHIN THESE LENGTHS							
(IN L.F. EACH SIDE OF THE FITTING)							
SIZE	11.25°	22.5°	45°	90°	TEE BRANCH	DEAD END	REDUCER
4"	2	5	10	24	38	61	44
6"	4	7	14	33	64	85	47
8"	5	9	18	44	91	111	45
10"	6	11	22	52	113	132	46
12"	6	12	25	60	133	155	84
16"	8	16	32	76	177	198	84
20"	9	18	38	91	218	238	83
24"	11	21	43	104	255	277	116



RESTRAINED JOINT FITTING DETAIL

NOT TO SCALE

HILTON HEAD NO. 1
PUBLIC SERVICE DISTRICT

RESTRAINED JOINT FITTING

APPROVED BY:

LC

DATE:

DEC. 1998

DRAWING NO.

SCALE:

NTS

REVISED:

Jan. 2024

VIII-13