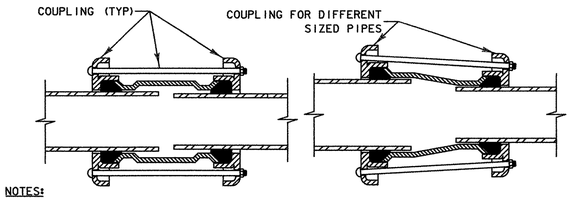
WATER DETAILS



NOTES:

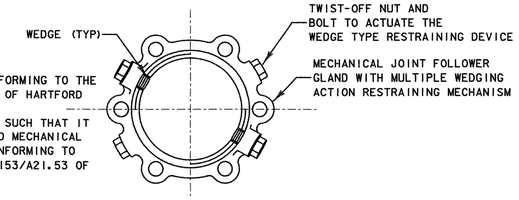
1) CONTRACTOR TO FIELD VERIFY THE OUTSIDE DIAMETERS OF EXISTING AND PROPOSED PIPES FOR SIZING COUPLINGS
2) TRANSITION COUPLINGS WITH LARGER GASKETS OR REDUCING MIDDLE RINGS (AS REQUIRED BY MANUFACTURER) ARE REQUIRED TO SPAN PIPES WITH DIFFERENT SIZE OUTSIDE DIAMETERS.

TYPICAL TRANSITION COUPLING INSTALLATION

NOT TO SCALE

PIPE SIZE	4"		6"		8"		10"		12"	
DIMENSION	B	D	B	D	B	D	B	D	B	D
TEE/PLUG	2	2	2	2	3	3	4	4	4	4
90°	2	2	2	2	3	3	4	4	4	4
45°	2	2	2	2	2	2	3	3	4	4
22 1/2°	2	2	2	2	2	2	2	2	3	3
11 1/2°	N/A	N/A	N/A	N/A	2	2	2	2	2	2

THRUST BLOCK SCHEDULE

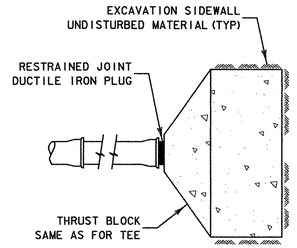


NOTES:

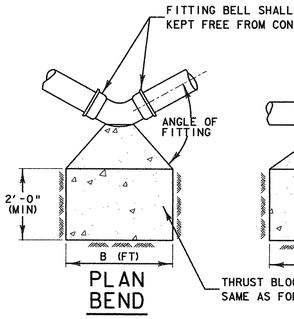
1) GLANDS SHALL BE DUCTILE IRON CONFORMING TO THE STANDARD SPECIFICATIONS AND TOWN OF HARTFORD WATER ORDINANCES.
2) DIMENSIONS OF THE GLAND SHALL BE SUCH THAT IT CAN BE USED WITH THE STANDARDIZED MECHANICAL JOINT BELL AND TEE-HEAD BOLTS CONFORMING TO ANSI/AWWA A21.11 AND ANSI/AWWA C153/A21.53 OF LATEST REVISION.

MECHANICAL JOINT RESTRAINT DETAIL

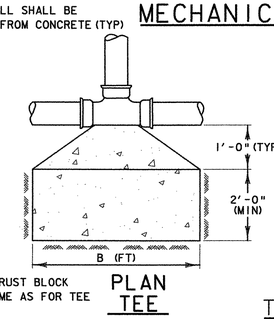
NOT TO SCALE



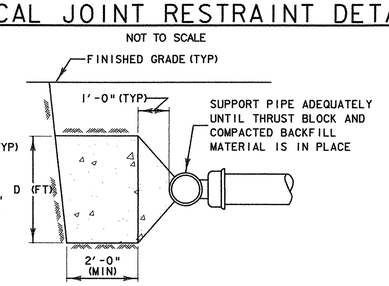
PLAN
DEAD END (PLUG)



PLAN
BEND



PLAN
TEE



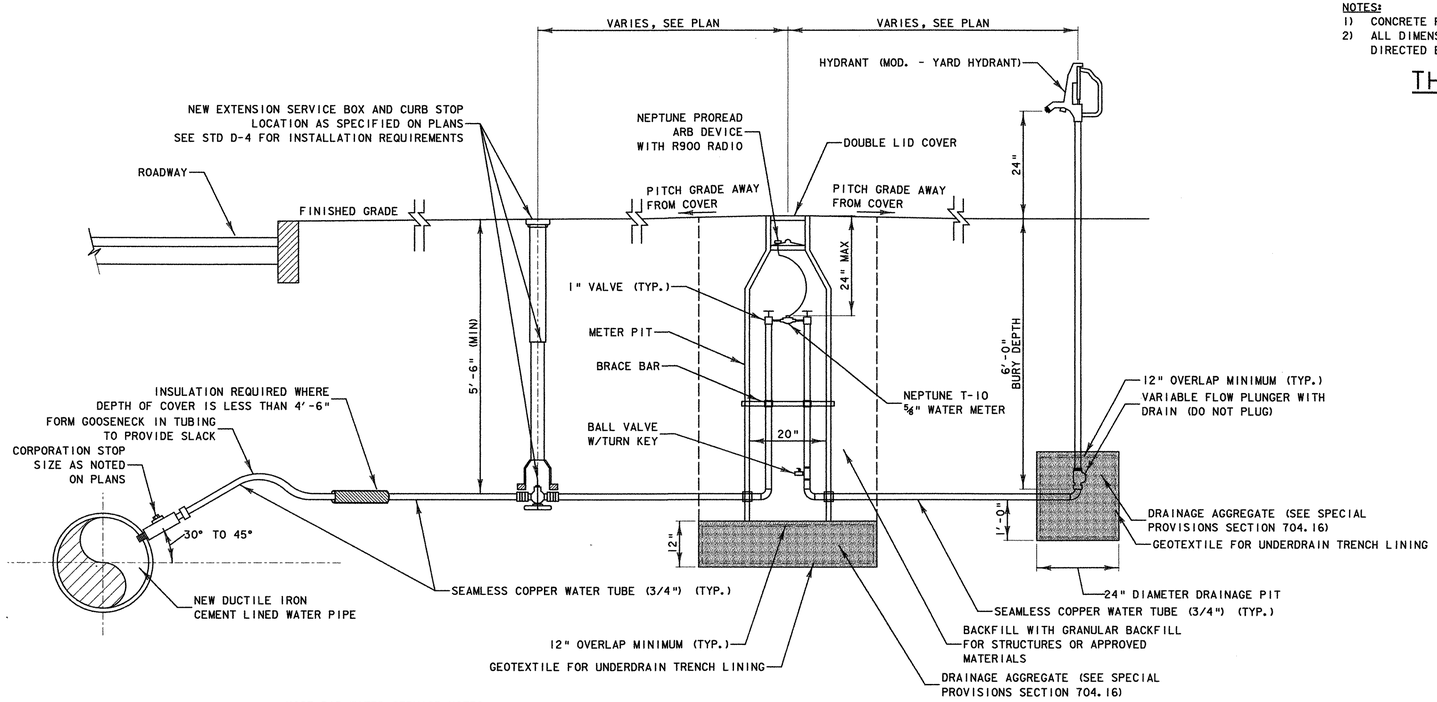
TYPICAL SECTION

NOTES:

1) CONCRETE FOR THRUST BLOCKS SHALL BE CONCRETE, CLASS B.
2) ALL DIMENSIONS ARE MINIMUM AND SHALL BE ADJUSTED IN THE FIELD AS DIRECTED BY THE ENGINEER.

THRUST BLOCK DETAILS

NOT TO SCALE



HOSE BIB WATER SERVICE NOTES:

1) NO WORK SHALL OCCUR BEYOND THE RIGHT-OF-WAY UNLESS OTHERWISE INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
2) PAYMENT FOR INSTALLATION OF GEOTEXTILE FOR UNDERDRAIN TRENCH LINING AND DRAINAGE AGGREGATE FOR THE PROPOSED METER PIT SHALL BE MADE UNDER THE METER PIT (MOD.) ITEM.
3) PAYMENT FOR INSTALLATION OF GEOTEXTILE FOR UNDERDRAIN TRENCH LINING AND DRAINAGE AGGREGATE FOR THE PROPOSED YARD HYDRANT SHALL BE MADE UNDER THE HYDRANT (MOD. - YARD HYDRANT) ITEM.
4) ALL WORK SHALL CONFORM TO THE SPECIFICATIONS AND THE TOWN OF HARTFORD WATER ORDINANCES.

DIAGRAMMATIC LAYOUT FOR YARD HYDRANT AND METER PIT

NOT TO SCALE

DATUM	
VERTICAL	NGVD 1929
HORIZONTAL	N/A

PROJECT:	PROJECT NO.:
HARTFORD	RS 0113(40)
DESIGN FILE NAME: z86c027wtrdtls.dgn	
IPARM FILE NAME:	PLOT DATE: 1/10/2007
SURVEYED BY: FANTONI	SURVEY DATE: 1/87
SQUAD LEADER: KEN UPMAL	DRAWN BY: E. ATKINS
	SHEET: 90 OF 239