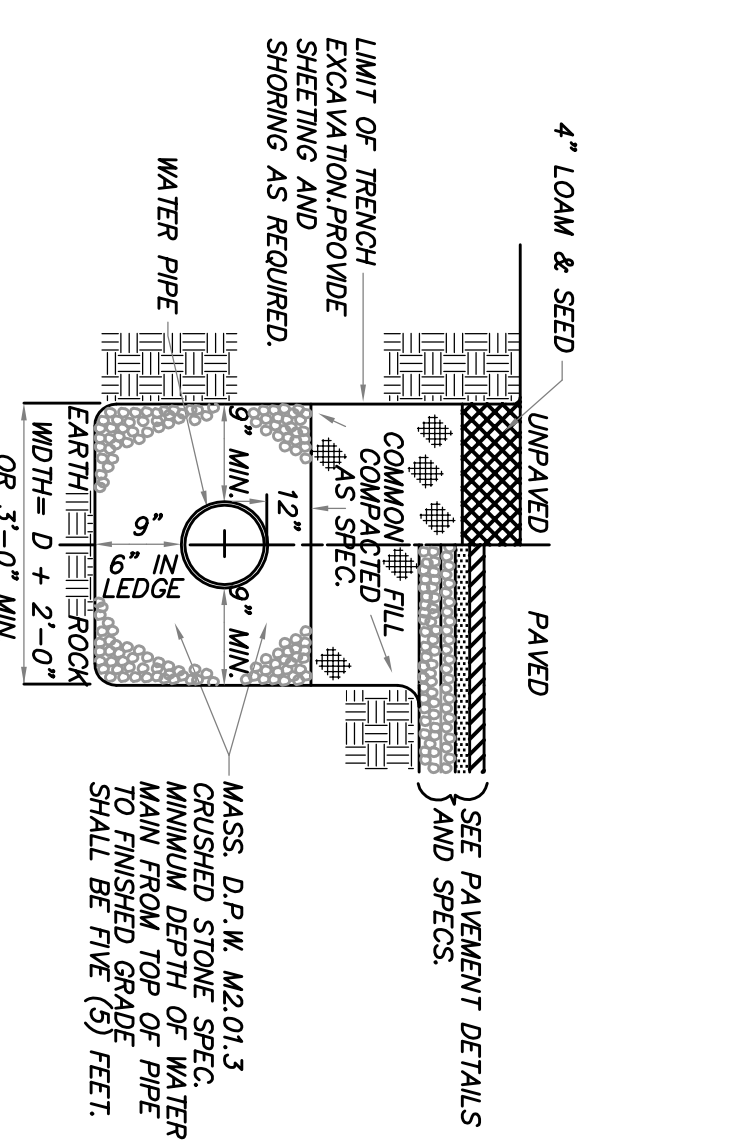
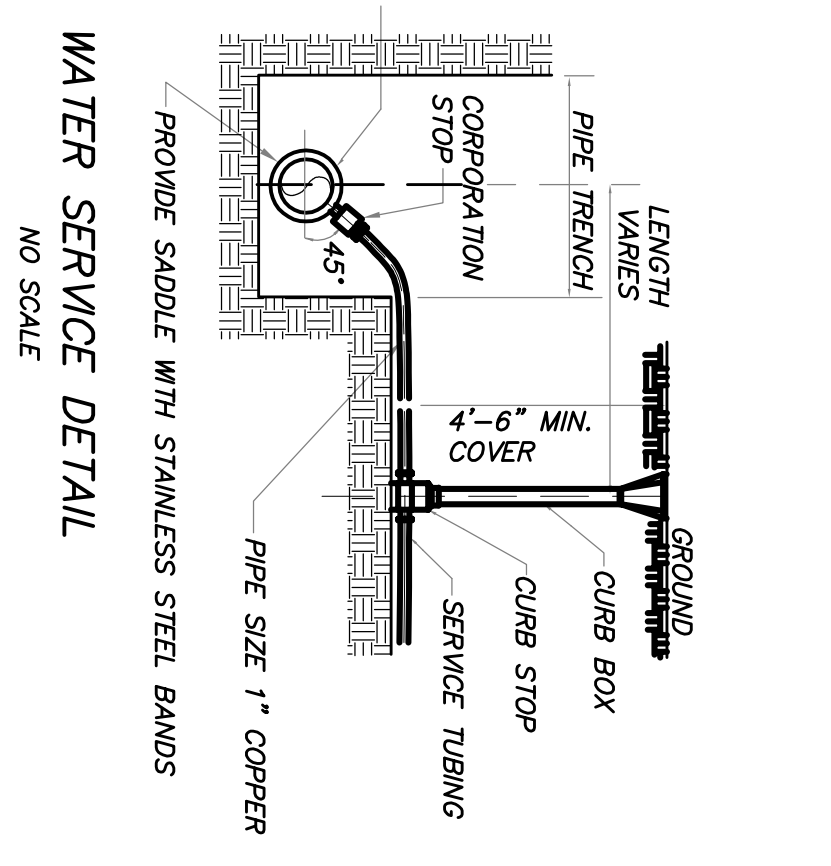


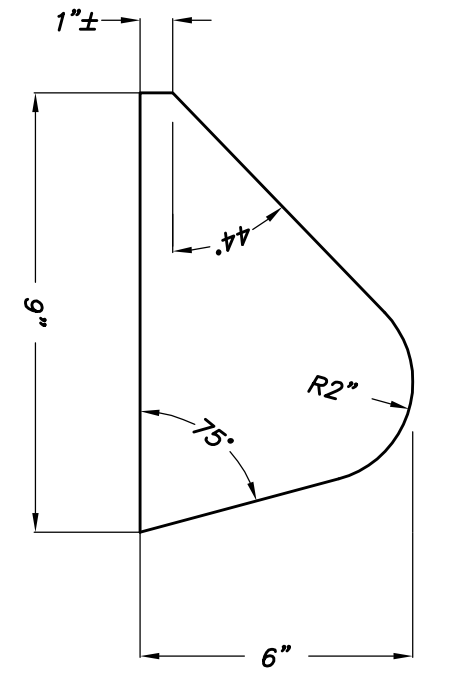
WATER MAIN HYDRANT AND GATE VALVE DETAIL
(NOT TO SCALE)



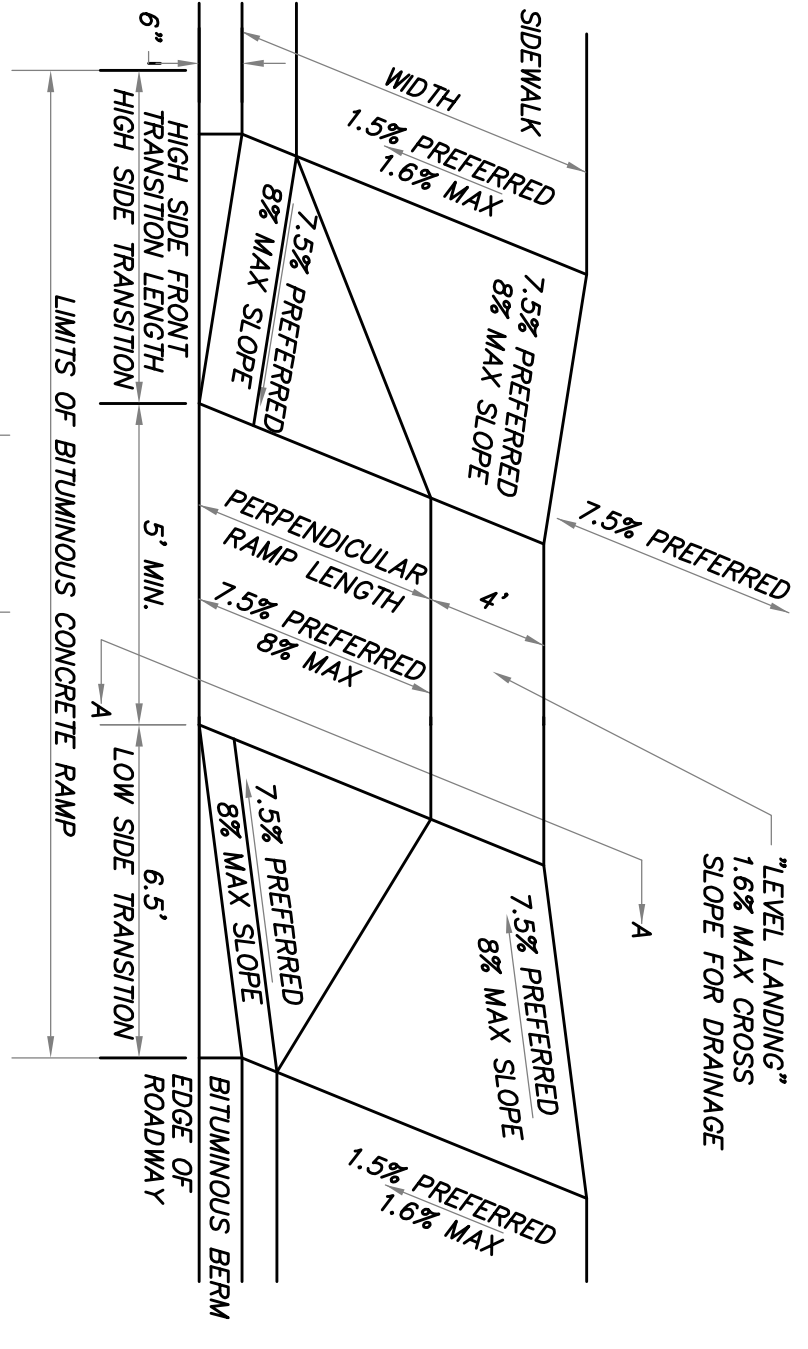
WATER TRENCH
(NOT TO SCALE)



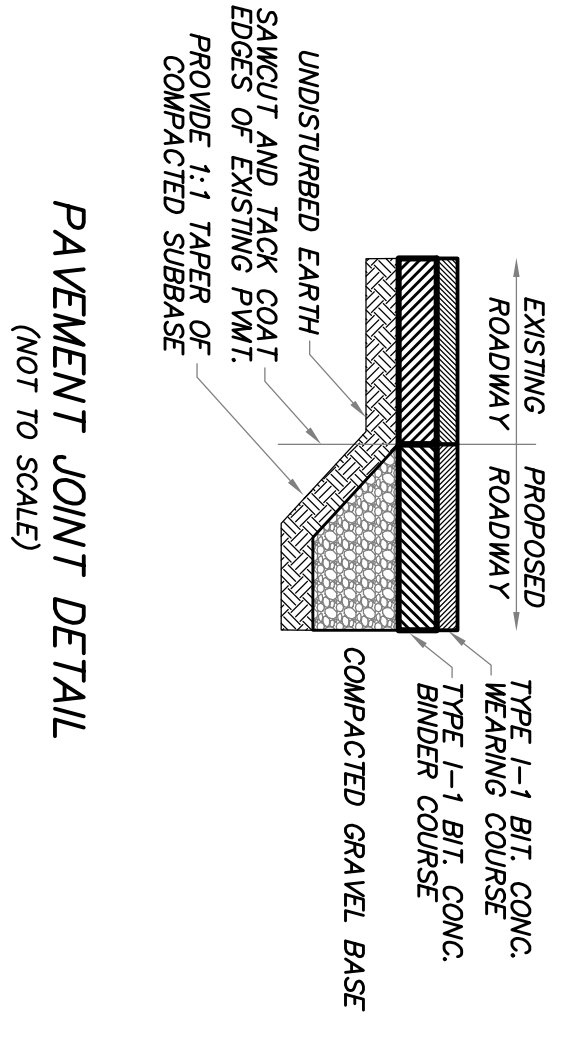
WATER SERVICE DETAIL
(NOT TO SCALE)



BITUMINOUS BERM DETAIL
(NOT TO SCALE)

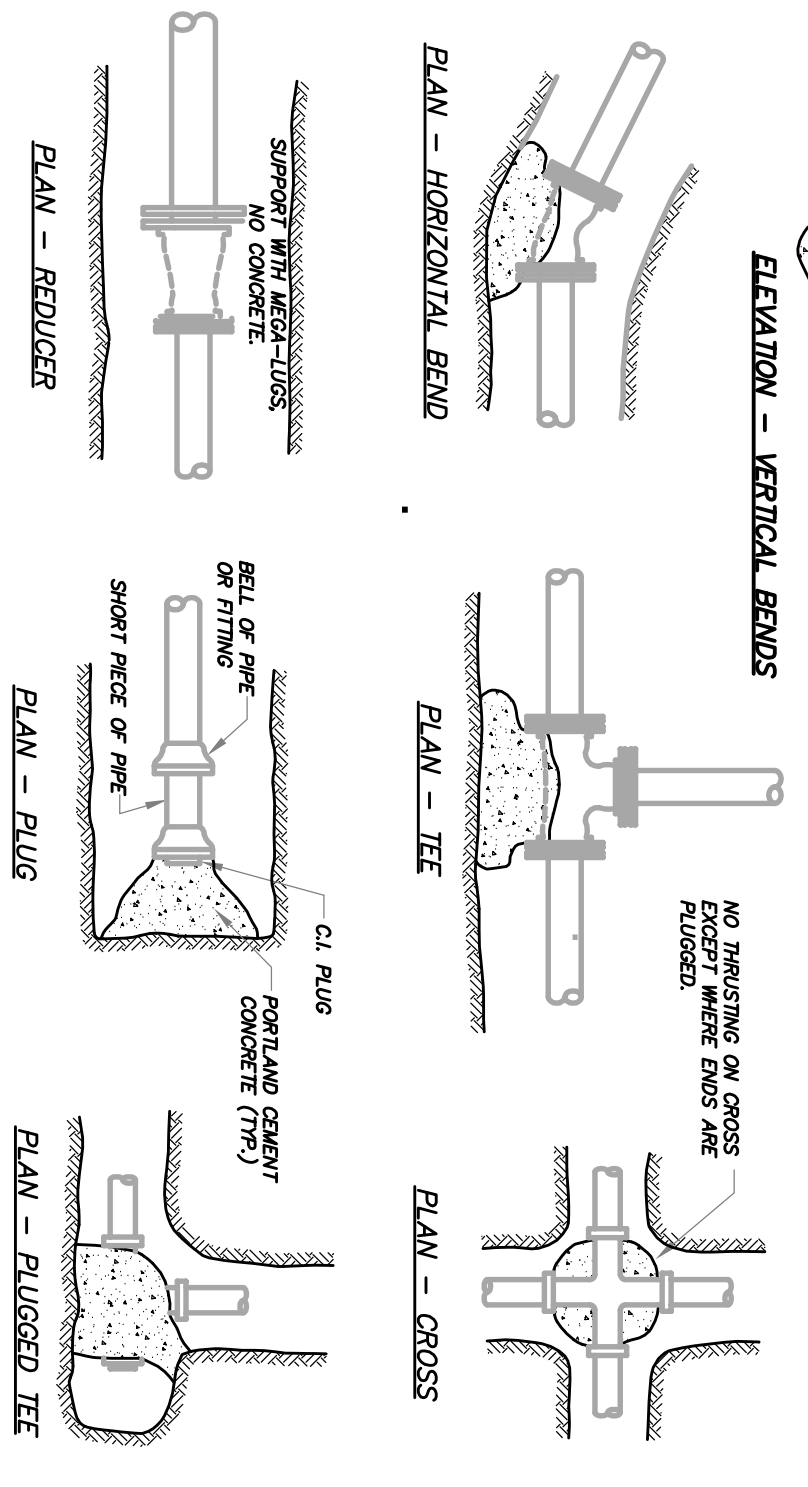


WHEELCHAIR RAMP DETAIL
(NOT TO SCALE)



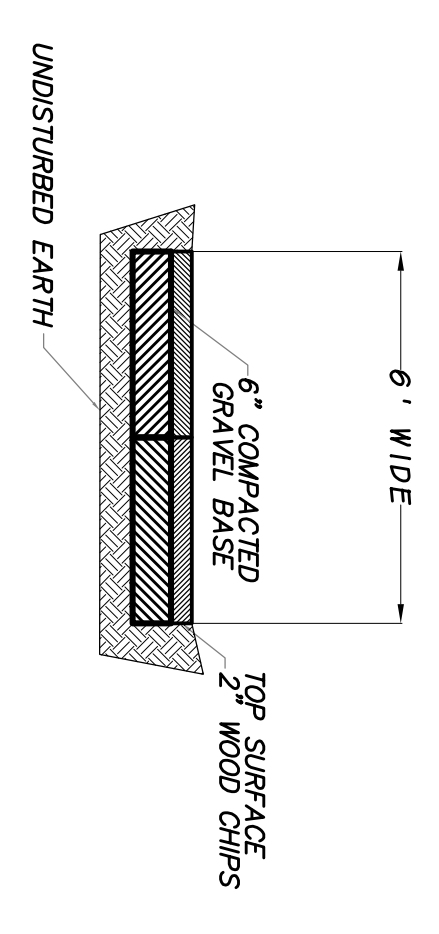
PAVEMENT JOINT DETAIL
(NOT TO SCALE)

PIPE SIZE	MINIMUM THURST BLOCK BEARING AREA
6"	1.50
8"	2.00
10"	2.50
12"	3.00
14"	3.50
16"	4.00
18"	4.50
20"	5.00
24"	6.00
30"	7.50
36"	9.00
42"	10.50
48"	12.00

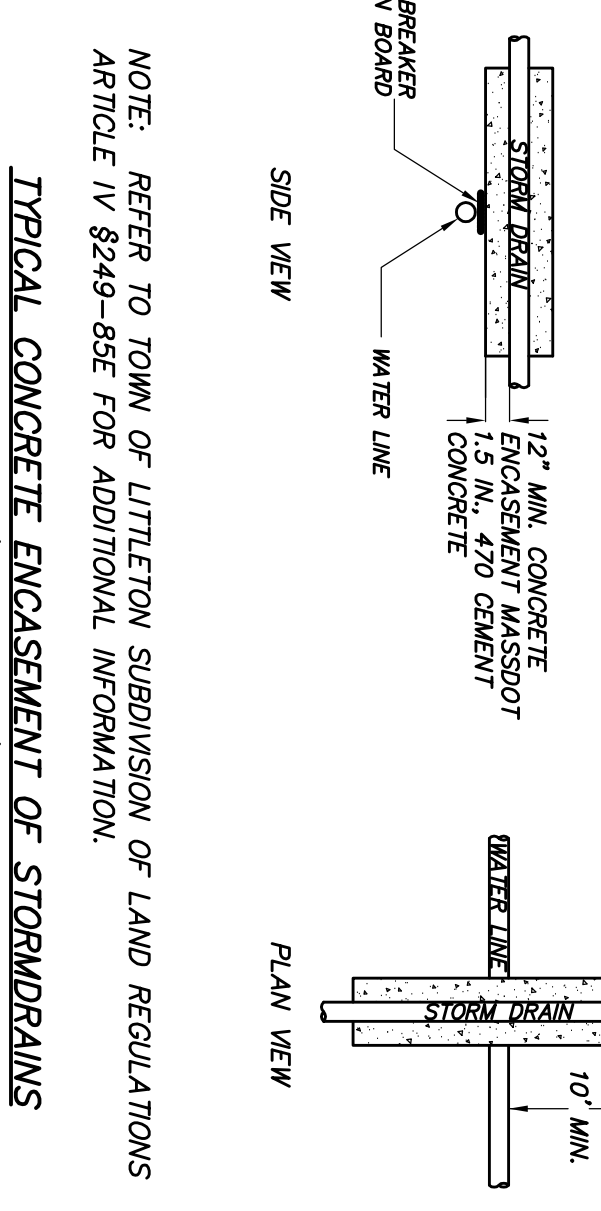


ANCHORAGE DETAILS
(NOT TO SCALE)

- NOTES:**
1. CONCRETE SHALL BE 2000 PSI
 2. MINIMUM CURB SHALL BE PLACED
 3. ALMOST UNDISTURBED EARTH SHALL BE SUPPORTED AND ANCHORED IN CONCRETE AND WITH MECHANICAL JOINT RESTRAINTS
 4. FOR FINE HYDRANT THINKING SEE HYDRANT
 5. MECHANICAL JOINTS SHALL BE KEPT 6" CLEAR OF
 6. RESTRAINT GLANDS REQUIRED ON ALL BENDS
 7. WITH ELONG PIPE ONLY



WALKING PATH DETAIL
(NOT TO SCALE)



TYPICAL CONCRETE ENCASEMENT OF STORMDRAINS
(NOT TO SCALE)

APPROVAL UNDER SUPERVISION
CONTROL REQUIRED
LITTLETON PLANNING BOARD

DATE _____

360 MASSACHUSETTS AVE, SUITE 202
ACTON, MASSACHUSETTS 01720
P(978) 264-4600 F(978) 263-0447
www.MarkeyAndRubin.com

Markey & Rubin
CIVIL ENGINEERING

M+M REALTY TRUST
442 KING STREET
LITTLETON, MASSACHUSETTS

DETAIL PLAN 2
COUPER FARM ESTATES
LITTLETON, MASSACHUSETTS



#	DATE	REVISION COMMENT