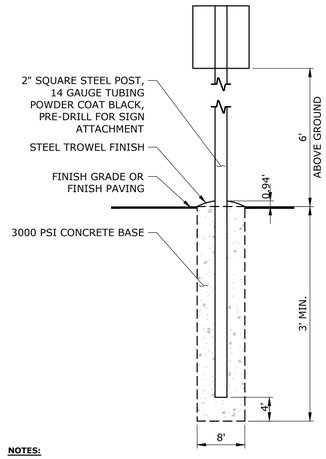
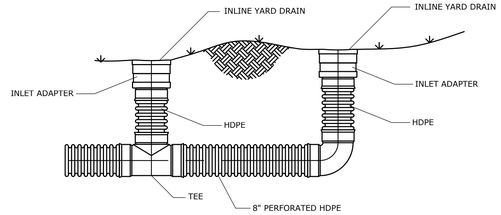


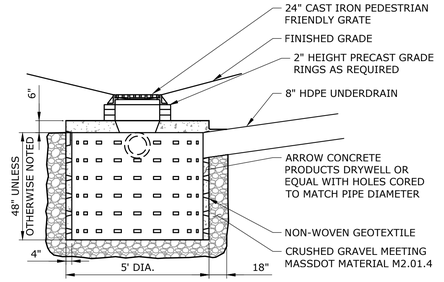
NOTES:

1. FOR POST MOUNTING, USE NON-CORROSIVE 3/8" MACHINE BOLTS WITH WASHERS, 2 PER SIGN.
2. BOTTOM OF FOOTING TO BE 12" BELOW FROST LINE, EXISTING UNDISTURBED GRADE OR FINISHED GRADE, WHICHEVER IS GREATER.

TRAFFIC SIGN POST
NOT TO SCALE



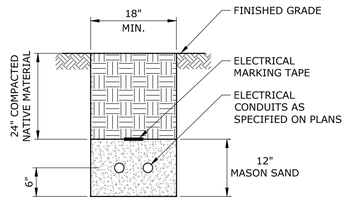
YARD DRAIN
NOT TO SCALE



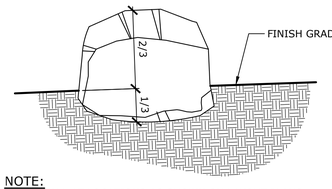
NOTES:

1. CONCRETE MINIMUM STRENGTH - 4000 PSI @ 28 DAYS
   STEEL REINFORCEMENT - ASTM A-615-75, GRADE 60, ASTM A-185, GRADE 65.
2. COVER TO STEEL 1" MINIMUM.

DRYWELL
NOT TO SCALE

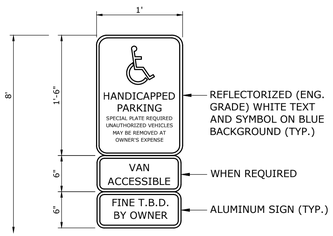


ELECTRICAL CONDUIT TRENCH
NOT TO SCALE

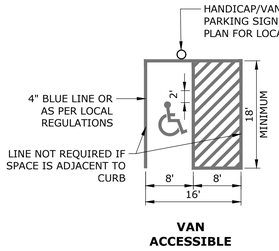


NOTE:
1. INSTALL AT LOCATIONS AS SHOWN ON LAYOUT PLANS PER DIRECTION OF LANDSCAPE ARCHITECT.
2. ALL LANDSCAPE BOULDERS SHALL BE A MINIMUM 2' DIAMETER AND A MAXIMUM 4' DIAMETER.

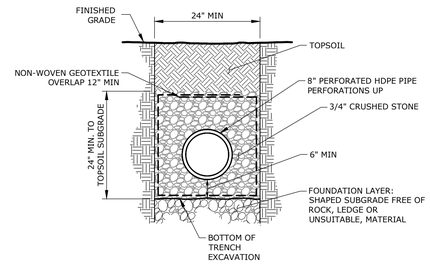
LANDSCAPE BOULDER DETAIL
NOT TO SCALE



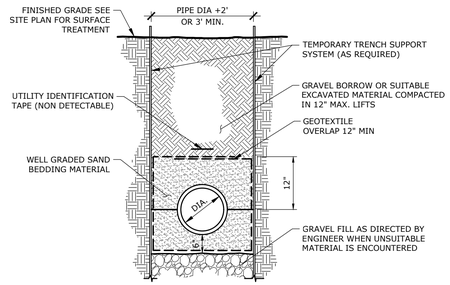
ACCESSIBLE PARKING SIGN
NOT TO SCALE



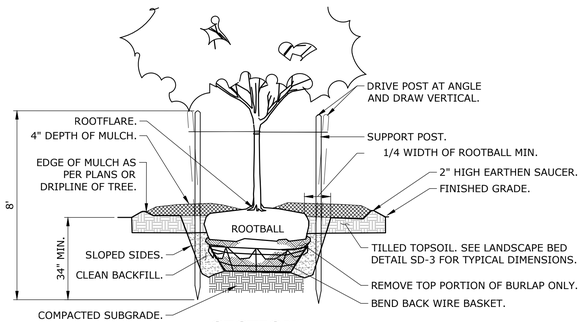
VAN ACCESSIBLE
ACCESSIBLE PARKING STALL DETAIL
NOT TO SCALE



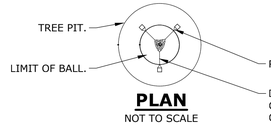
UNDERDRAIN
NOT TO SCALE



WATER MAIN TRENCH DETAIL
NOT TO SCALE



SECTION
NOT TO SCALE

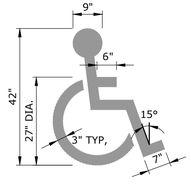


PLAN
NOT TO SCALE

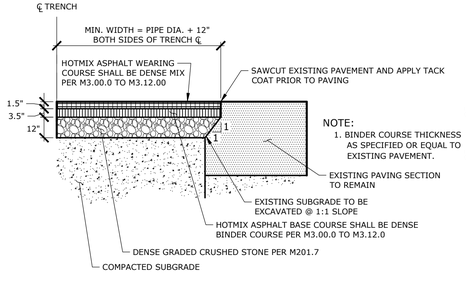
NOTES:

1. SUPPORT STAKES SHALL BE REMOVED BY THE CONTRACTOR ONE YEAR AFTER INSTALLATION.

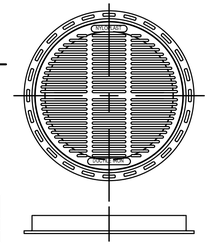
TREE PLANTING
NOT TO SCALE



ACCESSIBLE PARKING SPACE MARKING
NOT TO SCALE



TOWN ROAD TRENCH PAVEMENT REPAIR
NOT TO SCALE



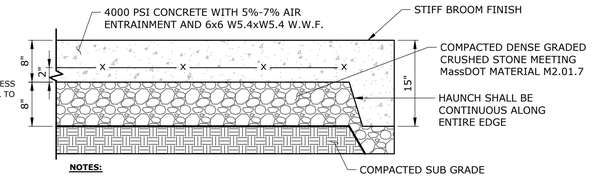
GRATE SPECIFICATIONS

PEDESTRIAN GRATE HAS H-10 MEDIUM DUTY RATING
QUALITY: MATERIALS SHALL CONFORM TO ASTM A536 GRADE 70-50-05
MATERIAL: DUCTILE IRON
PAINT: CASTINGS ARE FURNISHED WITH A BLACK PAINT
PROVIDE LOCKING ZINC PLATED STEEL HEX BOLT, 2 PER GRATE
PRICE INCLUDES FRAME & GRATE/COVER

AS MANUFACTURED BY NYLOPLAST, BUFORD, GEORGIA OR APPROVED EQUAL

STRUCTURE	DIA (IN)	DRAIN AREA (SQ.IN)±	WT WITH FRAME (LBS)±
YARD DRAIN GRATE	18	84.6	60.8
DRYWELL GRATE	24	164.1	99.5

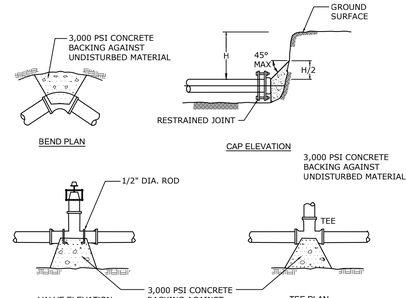
YARD DRAIN/DRYWELL GRATE
NOT TO SCALE



NOTES:

1. EXPANSION JOINTS EVERY 20LF MAXIMUM OR EVERY 144SF UNLESS OTHERWISE INDICATED ON PLANS (SEE JOINT DETAILS).
2. SCORE JOINTS 5' ON CENTER UNLESS OTHERWISE INDICATED ON PLANS.

CONCRETE UTILITY PAD
NOT TO SCALE



NOTES:

1. CONCRETE FOR THRUST BLOCKS SHALL HAVE A MIN. COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS.
2. THRUST BLOCK BEARING AREAS TO BE IN ACCORDANCE WITH THE TABLE BELOW, UNLESS DETERMINED OTHERWISE BY THE ENGINEER.

TABLE OF BEARING AREAS (SQUARE FEET)						
SIZE OF MAIN (IN)	TEES & CAPS	VALVES	BENDS			
			90°	45°	22-1/2°	11-1/4°
4" & LESS	2	1	2	1	1	1
6"	3	2	3	2	2	2
8"	4	3	5	3	2	2
10"	9	4	10	6	4	3
12"	10	5	12	8	4	3
16"	16	8	22	12	12	12

THRUST BLOCKS
NOT TO SCALE

MILONE & MACBROOM
130 MAIN STREET, SUITE 1012
SPRINGFIELD, MA.
413.241.6920
WWW.MMINC.COM

DESCRIPTION	DATE	BY

SITE DETAILS

WOLF SWAMP PARK
RENOVATION OF THE ATHLETIC FIELDS
735 LONGMEADOW STREET
LONGMEADOW, MASSACHUSETTS

MEW	MEW	JJH
DESIGNED	DRAWN	CHECKED

AS NOTED
SCALE

JUNE 30 ,2020
DATE

6213-05
PROJECT NO.

16 OF 21
SHEET NO.

SD-4
SHEET NAME

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