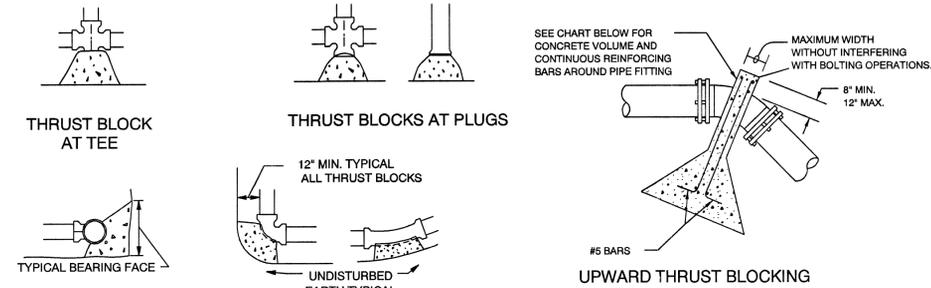


PIPE SIZE	90° BEND	45° BEND	22 1/2° BEND	11 1/4° BEND	TEE OR PLUG
4", 6"	6	4	2	1	9
8"	11	6	3	2	15

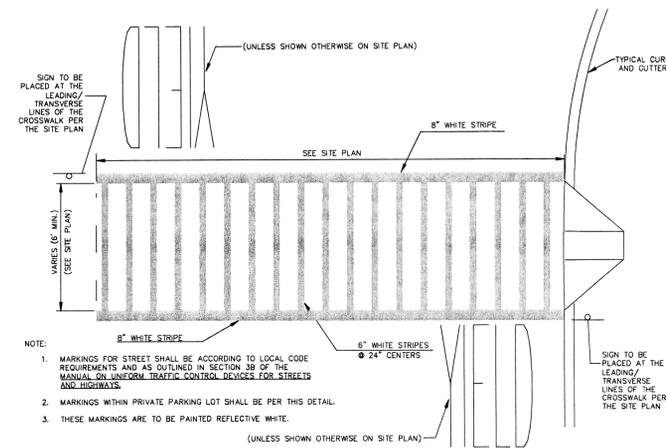
AREAS BASED ON AN INTERNAL PRESSURE OF 200 PSIG AND A SOIL BEARING PRESSURE OF 2000 PSF. IF ACTUAL SOIL BEARING PRESSURE OR INTERNAL PRESSURE VARIES FROM THOSE LISTED ABOVE A NEW AREA OF BEARING FACE SHOULD BE CALCULATED.



- NOTES:**
- THRUST BLOCKS SHALL BE PLACED AT ALL BENDS.
 - THRUST BLOCKS SHALL BE PLACED AT ALL TAPPING SLEEVE AND VALVE CONNECTIONS AS SHOWN ABOVE FOR TEE.
 - BLOCK HEIGHT SHOULD BE 1/2 THE BLOCK WIDTH BUT NOT LESS THAN THE PIPE DIAMETER.
 - THE CONTRACTOR SHOULD ALWAYS CONSIDER TEST PRESSURES WHEN CALCULATING BEARING AREA.
 - CONCRETE TO BE 3000 PSI COMPRESSION STRENGTH IN 28 DAYS.
 - MINIMUM COVER FOR THIS PROJECT IS 5 FEET MEASURED FROM TOP OF PIPE.
 - IN ANY AREA WHERE SOIL CONDITIONS OR GRADE CHANGES WILL LIMIT THE THRUST BLOCKS ABILITY TO SUPPORT FORCES FROM WATER PRESSURE OR HAMMERING, THAT SECTION OF WATERMAIN AND FITTINGS SHALL BE REPLACED WITH ANCHORING PIPE AND FITTINGS FOR THE LENGTH OF PIPE REQUIRED BY MANUFACTURERS RECOMMENDATIONS.

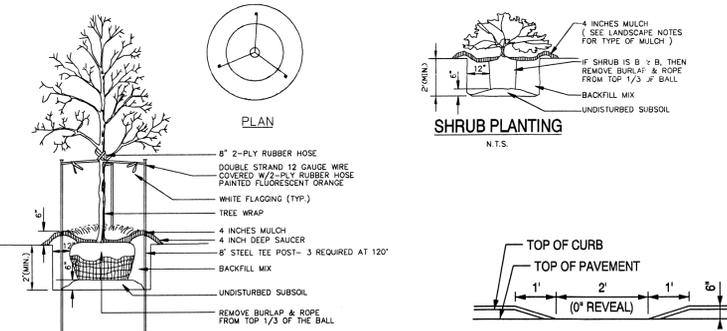
WATER MAIN THRUST BLOCK DETAIL

N.T.S.



CROSSWALK/PED. CROSSING

N.T.S.

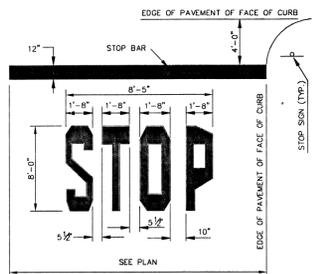


TREE PLANTING

N.T.S.

CURB CUT DETAIL

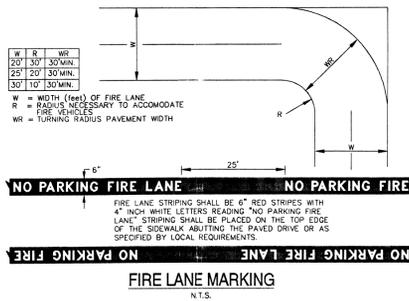
N.T.S.



- NOTE:**
- WORDS AND ARROWS FOR DRIVEWAYS SHALL BE APPLIED ACCORDING TO REQUIREMENTS AS OUTLINED IN SECTION 3B OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
 - THESE WORDS AND BAR ARE TO BE PAINTED REFLECTIVE WHITE.

STOP SIGN

N.T.S.



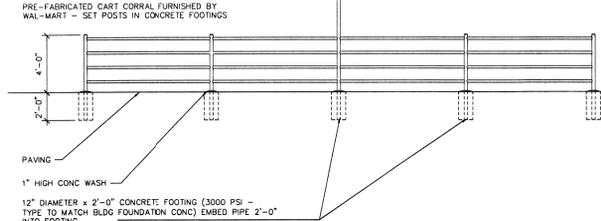
FIRE LANE MARKING

N.T.S.

- NOTE:**
- 12"X18" "CART STORAGE" METAL SIGN FURNISHED BY WAL-MART - ONE EACH SIDE OF POST AT END POST BACK OF PARKING SPACE (ROTATED 90 DEGREES FOR CLARITY)
 - PRE-FABRICATED CART CORRAL FURNISHED BY WAL-MART - SET POSTS IN CONCRETE FOOTINGS

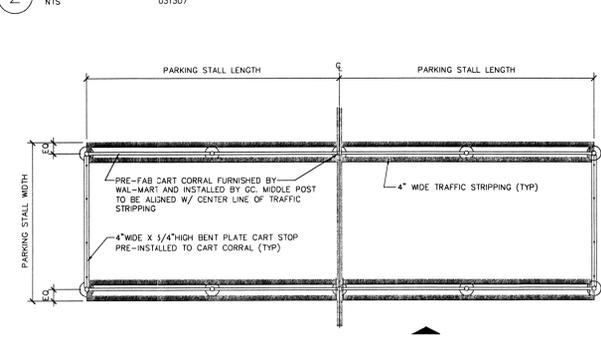
CART CORRAL ELEVATION

N.T.S.



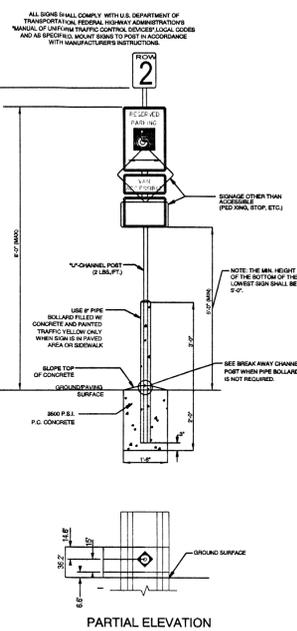
CART CORRAL PLAN

N.T.S.



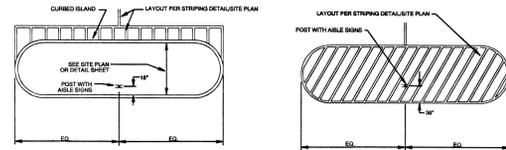
CART CORRAL PLAN

N.T.S.



BREAK AWAY CHANNEL POST

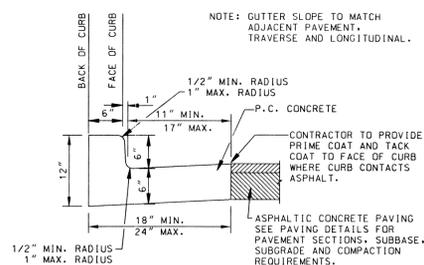
N.T.S.



AISE SIGN LOCATIONS - 90° PARKING

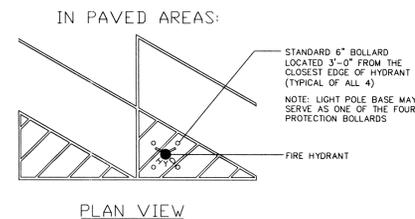
SITE SIGN BASE DETAILS

N.T.S.



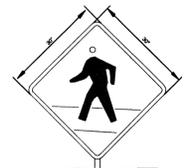
TYPICAL CURB AND GUTTER DETAIL

N.T.S.



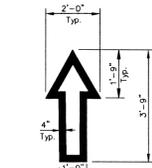
FIRE HYDRANT ASSEMBLY

N.T.S.



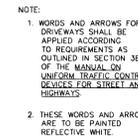
"PEDESTRIAN CROSSING" SIGN

N.T.S.



DIRECTIONAL ARROW DETAIL

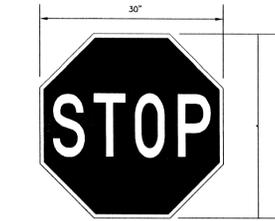
N.T.S.



"YIELD" PAVEMENT MARKING

N.T.S.

- NOTE:**
- WORDS AND ARROWS FOR DRIVEWAYS SHALL BE APPLIED ACCORDING TO REQUIREMENTS AS OUTLINED IN SECTION 3B OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
 - THESE WORDS AND ARROWS ARE TO BE PAINTED REFLECTIVE WHITE.



STOP SIGN

N.T.S.

Revisions:	Date:
1	
2	
3	
4	
5	
6	
7	
8	
9	

Professional Engineer Seal for Steven C. Cleary, No. 43133, State of Massachusetts.

PROJECT MANAGER DATE

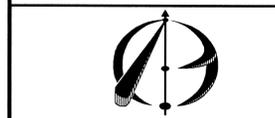
PROJECT ENGINEER / ARCHITECT DATE

PROJECT DESIGNER DATE

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Bristol County

Project Name & Location:

Detail Sheet (2 of 3)

Drawing Name:	Project No.
Date: 12/21/07	07-0205
Type:	C 5
Drawn By: JED	Drawing No.
Scale: No Scale	

Received
Con. Gumbel

Scale: No Scale

Drawing No.