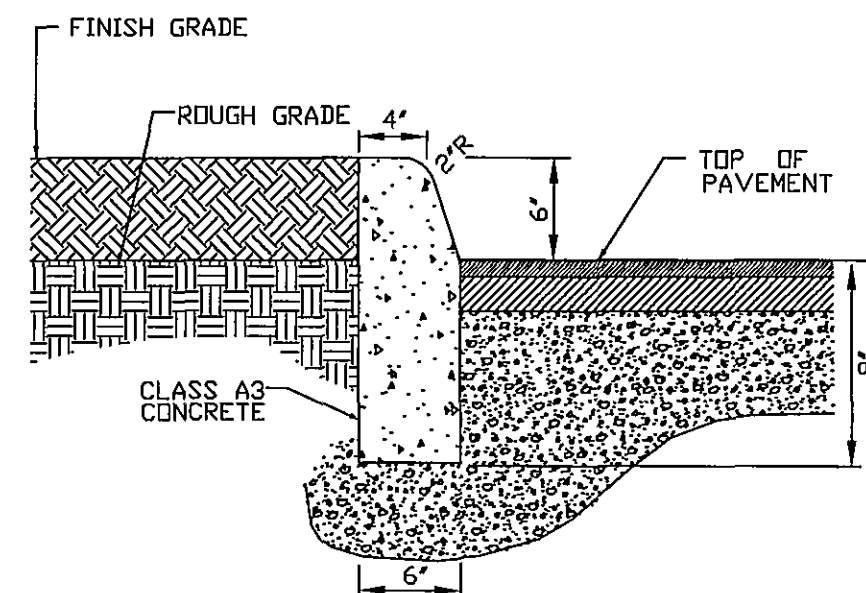
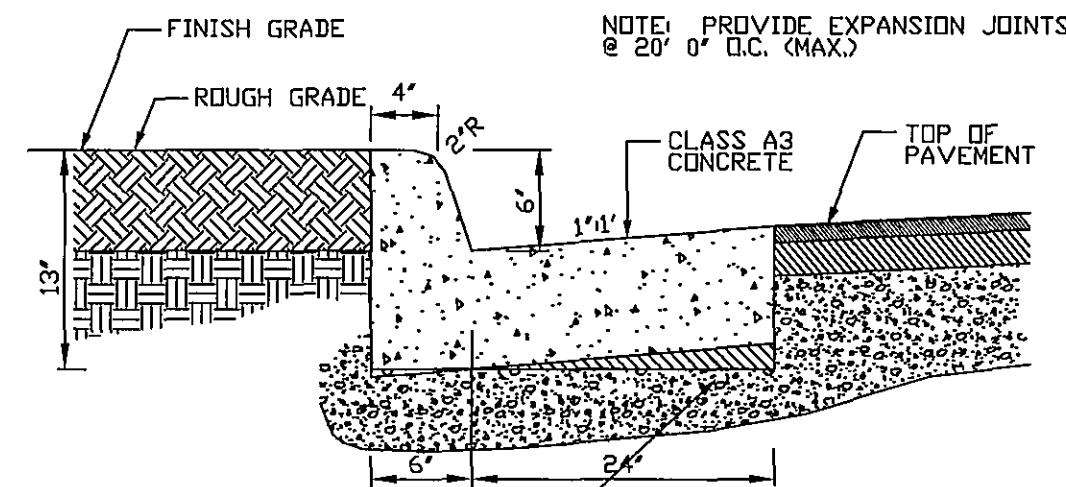
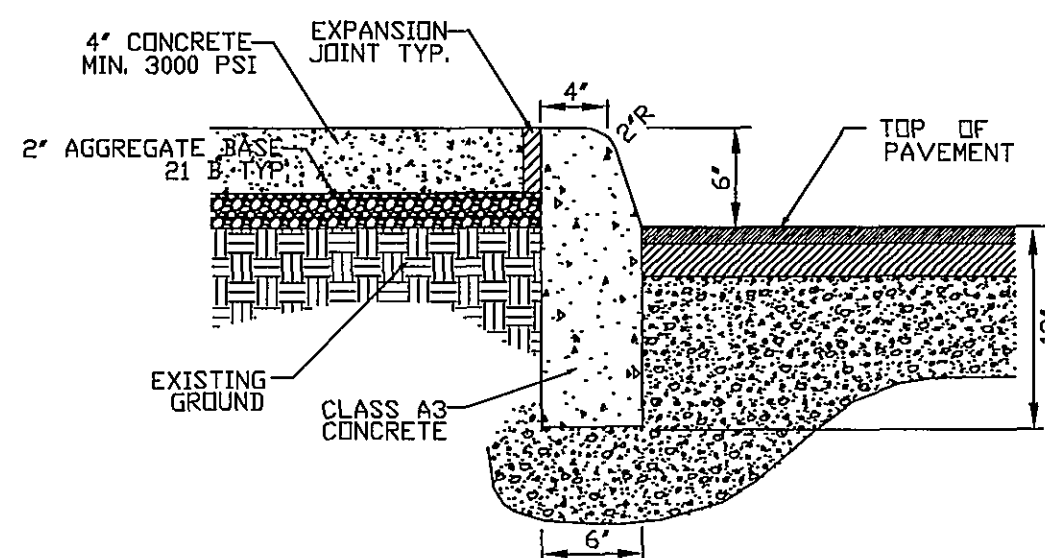




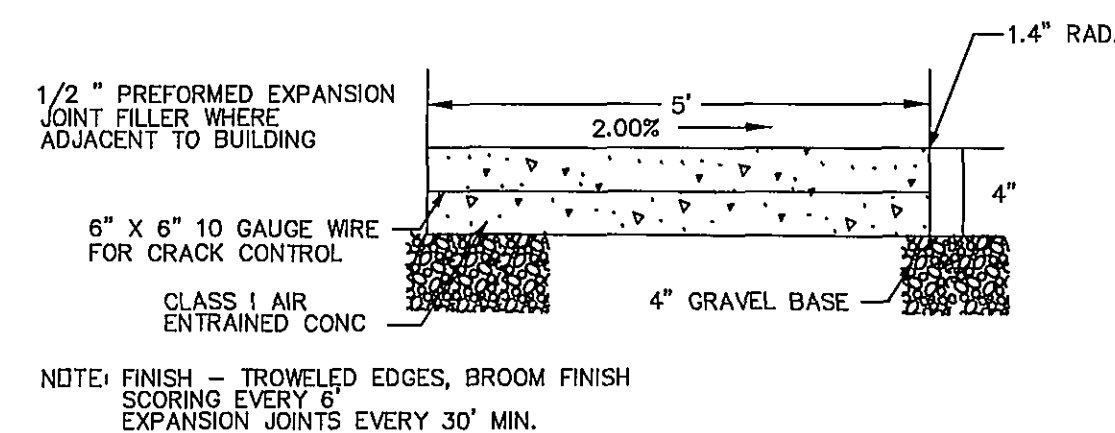
CG-2 DETAIL
N.T.S.



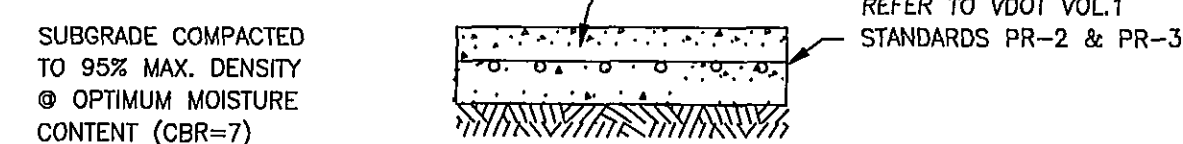
CG-6 (WET) DETAIL
N.T.S.



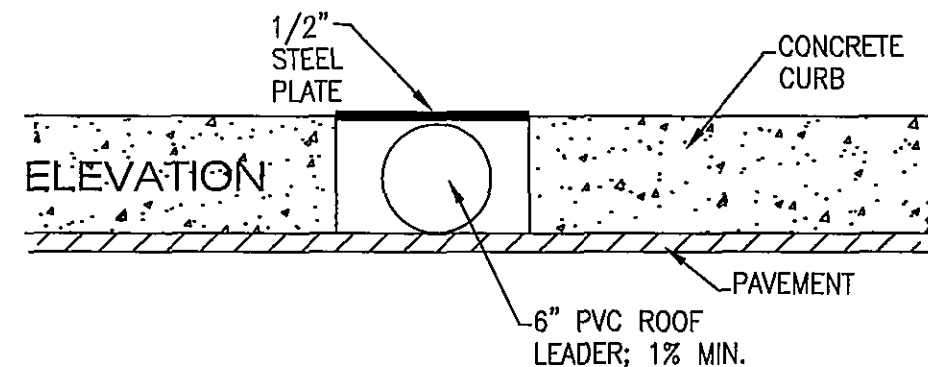
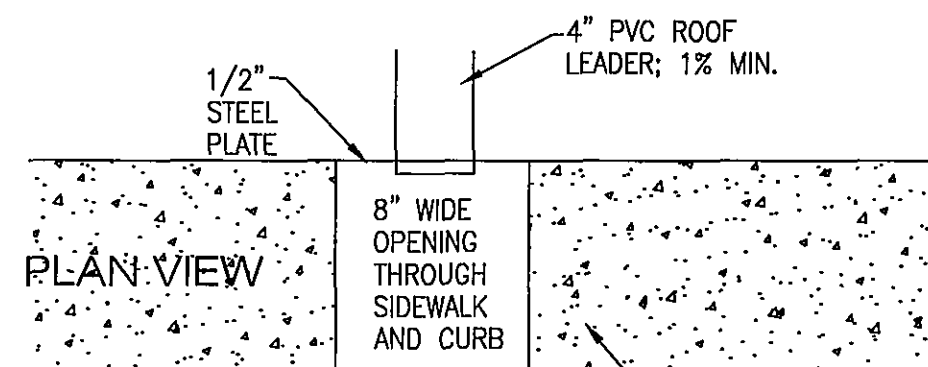
TYPICAL
SIDEWALK DETAIL
NO SCALE



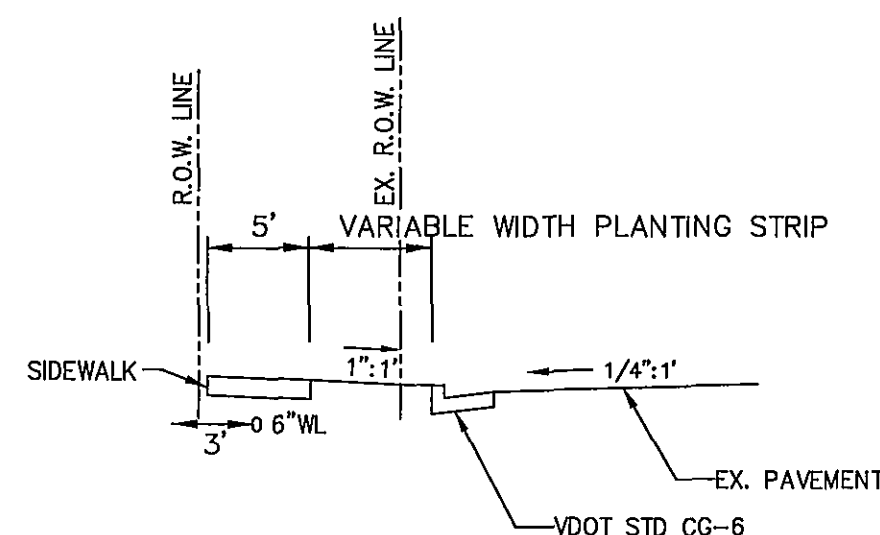
R.O.W. SIDEWALK DETAIL
NO SCALE



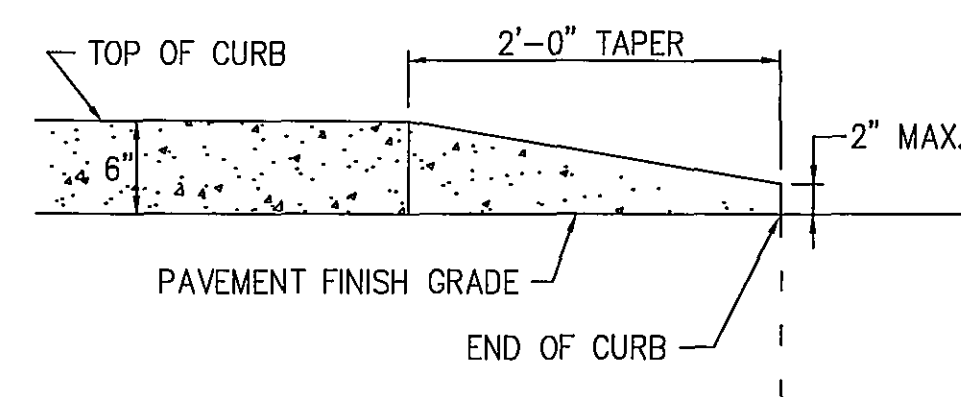
SECTION THROUGH
CONCRETE DRIVE
NO SCALE



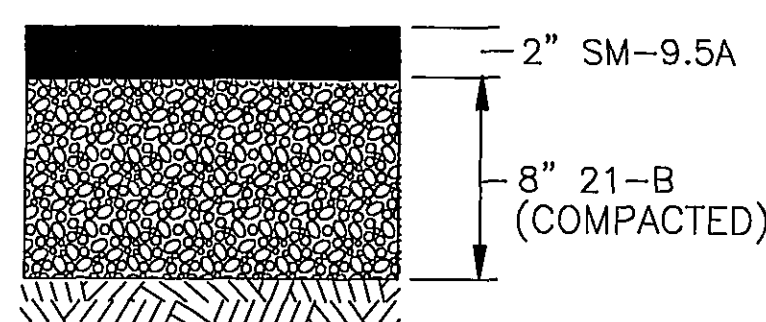
ROOF LEADER/SIDEWALK
NO SCALE



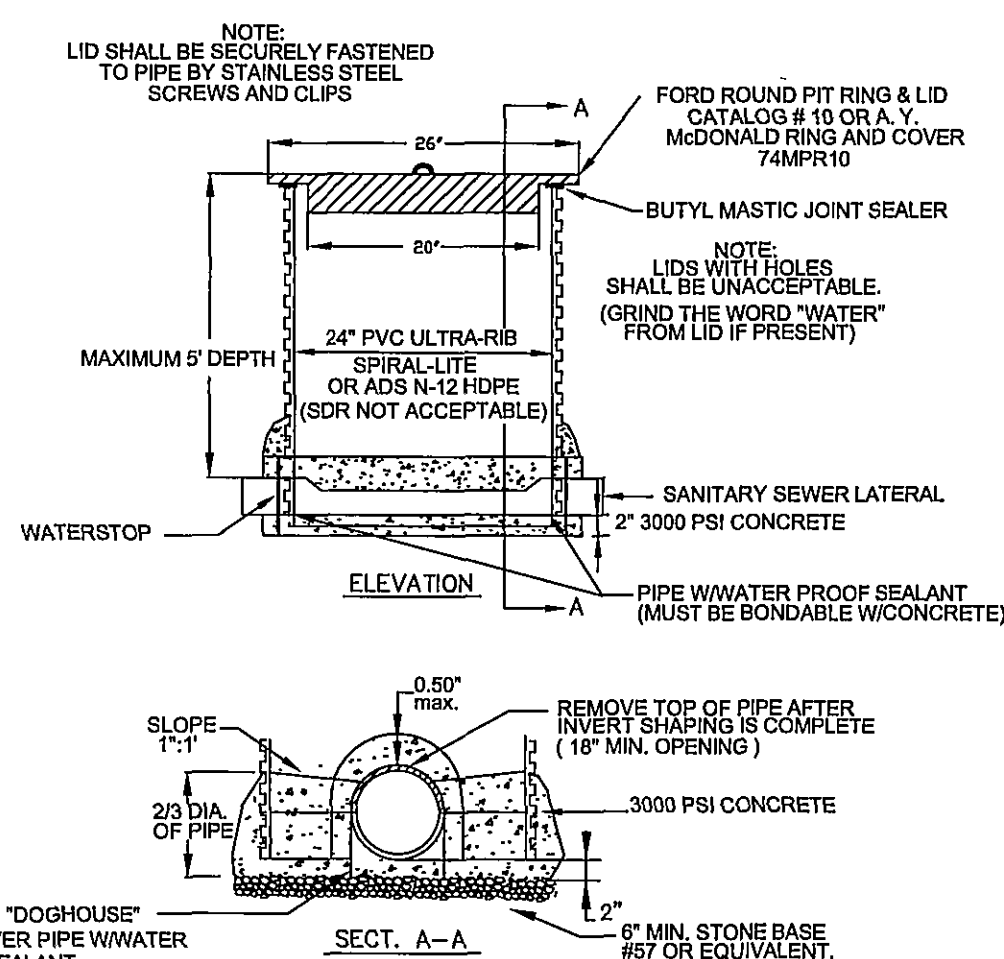
TYPICAL ROAD SECTION



CURB TAPER DETAIL - SECTION
NO SCALE

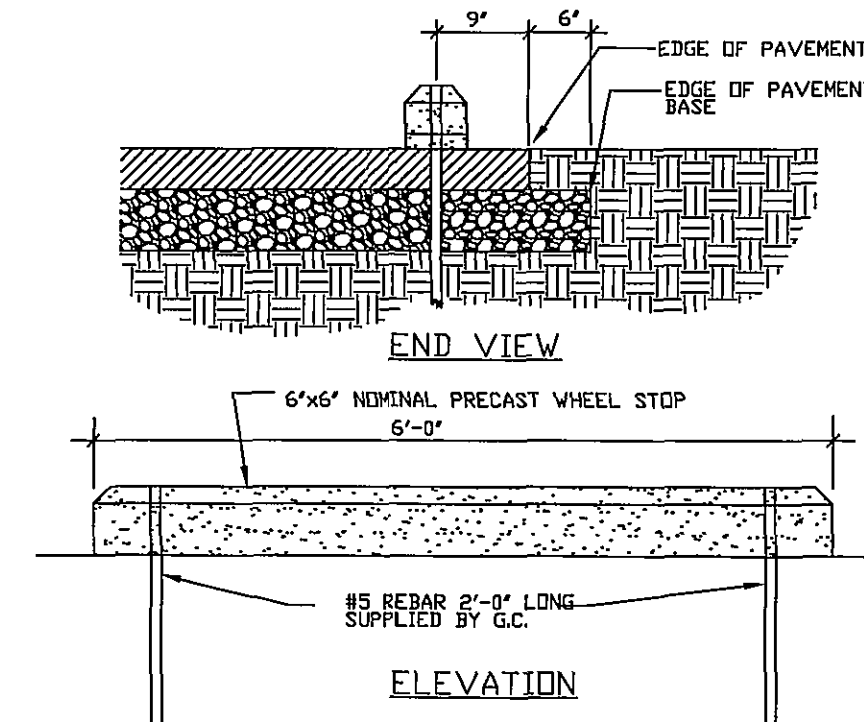


STD ASPHALT PAVEMENT SECTION
NO SCALE

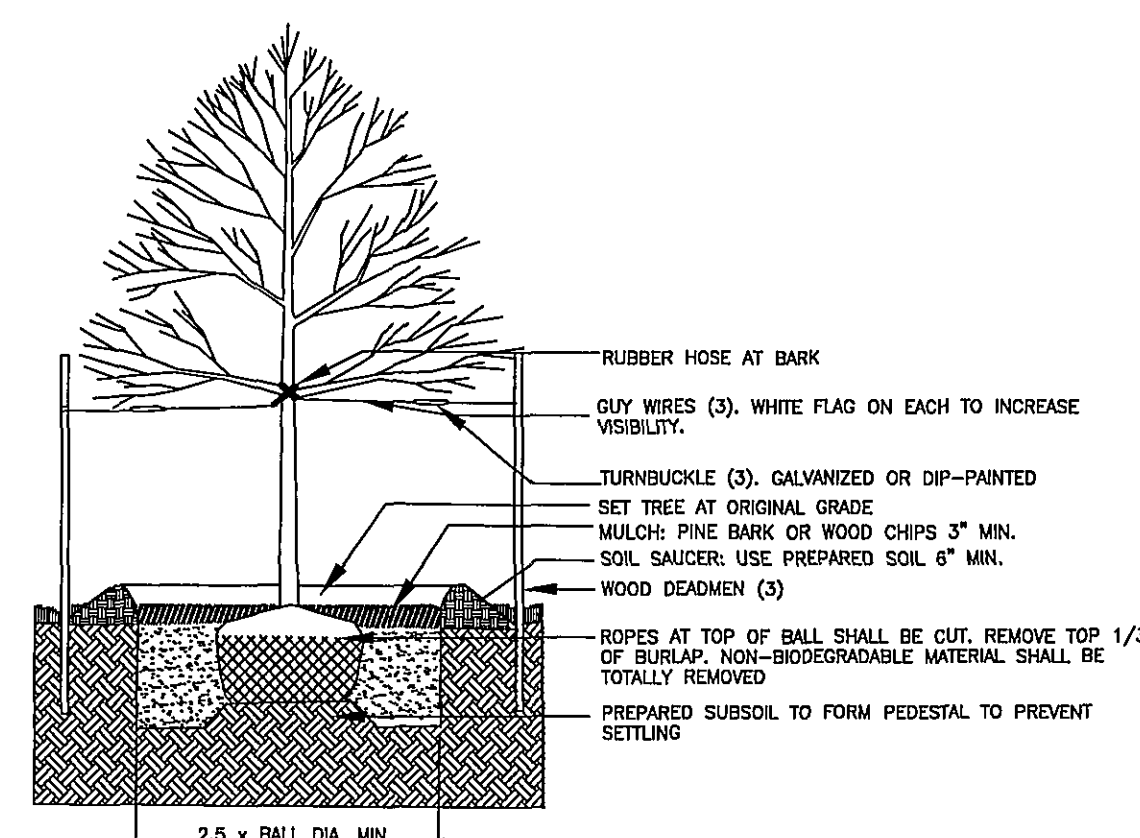


- NOTES:
1. NOT ACCEPTABLE FOR USE IN TRAFFIC AREAS OR AREAS SUBJECT TO FLOODING. VACUUM OR EXFILTRATION TESTING SHALL BE USED. VACUUM TESTING SHALL MEET THE SAME STANDARD FOR CONCRETE MANHOLES. EXFILTRATION TESTING SHALL HAVE NO LEAKAGE WITHIN 1 HOUR.
 2. "Access" WASTEWATER ACCESS CHAMBERS MAY BE SUBSTITUTED. TRAFFIC BEARING BOXES WILL BE REQUIRED IF INSTALLED IN TRAFFIC AREAS. TESTING OF "Access" SHALL BE BY APPLICABLE PLUMBING CODE FOR SEWER LATERALS.
 3. 2" DIA. CONCRETE WELL CASING 3000 PSI MAY BE SUBSTITUTED FOR ULTRA-RIB PIPE. ANY VERT. JOINTS IN THE CASING PIPE MUST BE BY BELL & SPURTY CONNECTION WITH MASTIC.
 4. INVERT SHARPENING CHANNEL SHALL BE 180 DEGREES THROUGH SAMPLE MANHOLE. NO ANGLES, RADIUS, ETC ARE ALLOWED IN SAMPLE MANHOLES.

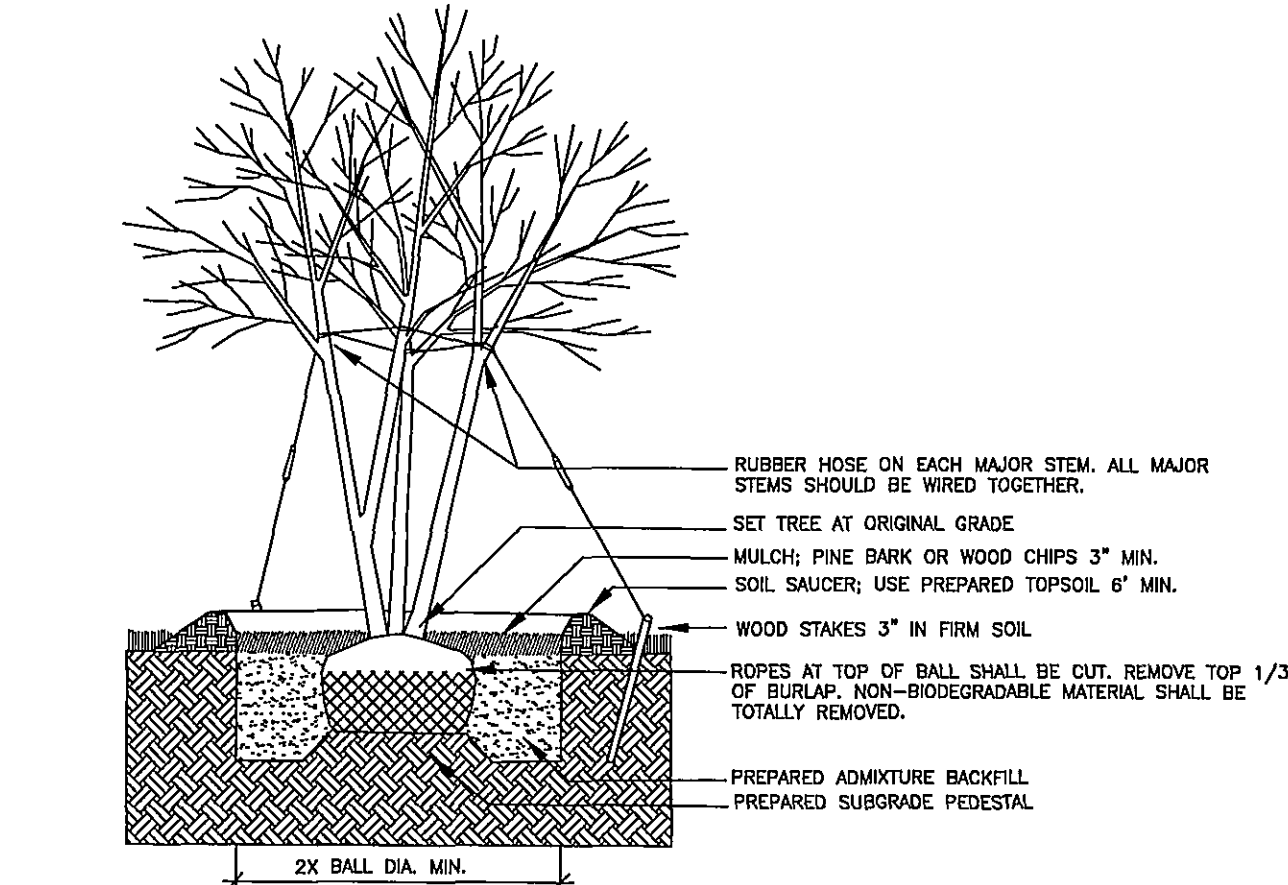
WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS		
REVISION DATE	DESCRIPTION	BY
07/01/04		
03/01/06		



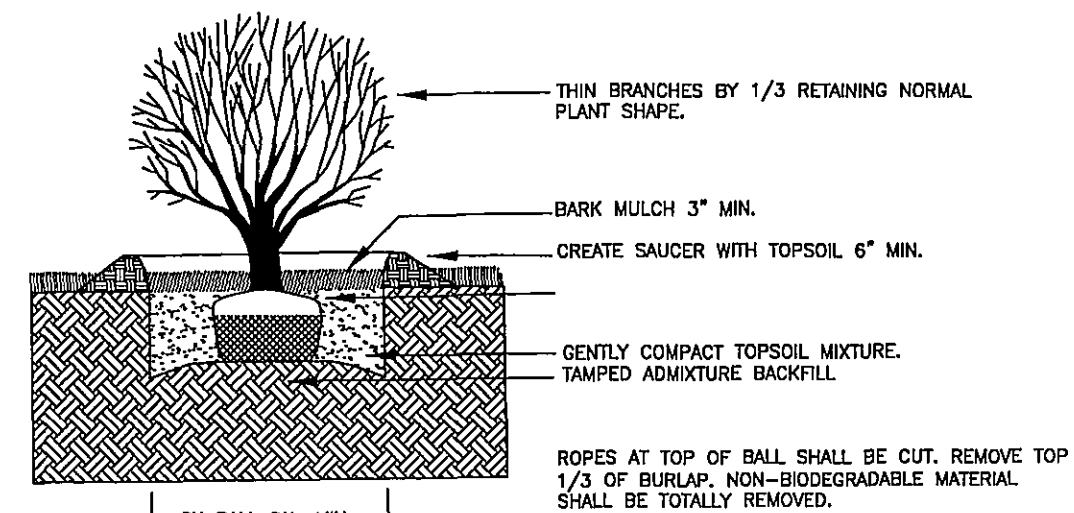
CONCRETE BUMPER
BLOCK DETAIL
NO SCALE



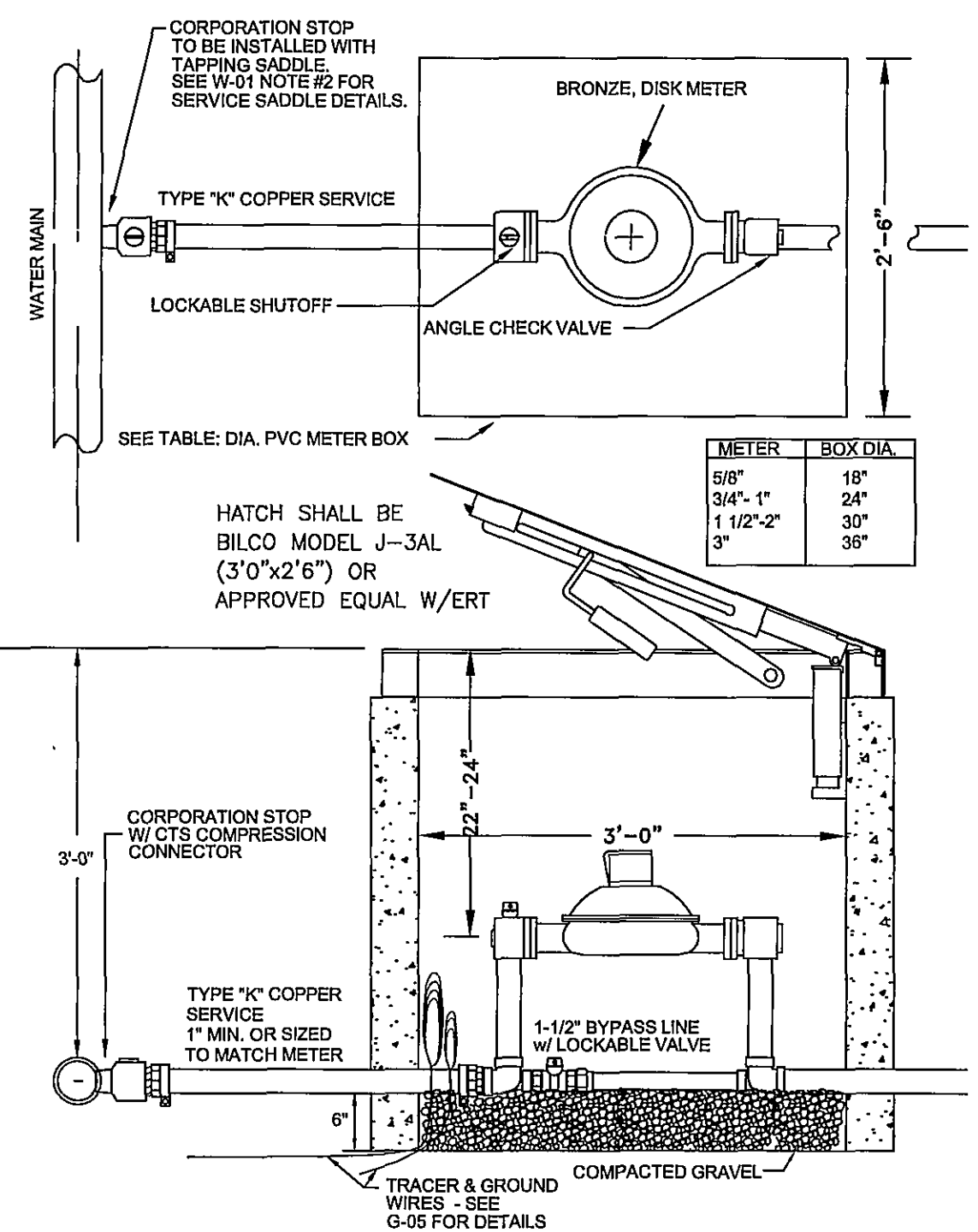
DECIDUOUS TREE PLANTING DETAIL
N.T.S.



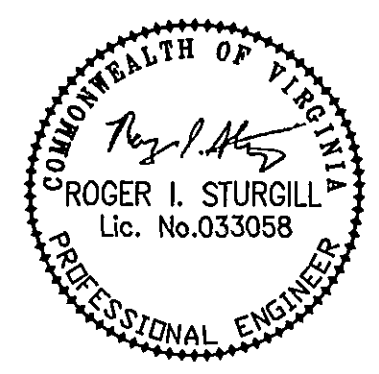
MULTI-STEM PLANTING DETAIL
N.T.S.



SHRUB PLANTING DETAIL
N.T.S.



WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS		
REVISION DATE	DESCRIPTION	BY
07/01/04		
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LAWSON BUILDING, LLC
DETAILS
CITY OF ROANOKE, VIRGINIA

DRAWN BY: B.T.C.
DESIGNED BY: B.T.C.
CHECKED BY: S.M.H.
DATE: 8-28-08

REVISIONS:
10-13-08
11-10-08

SCALE: AS SHOWN
SHEET NO.
C-8
JOB NO.
R0700297.00

APPROVED
DEC 09 2008