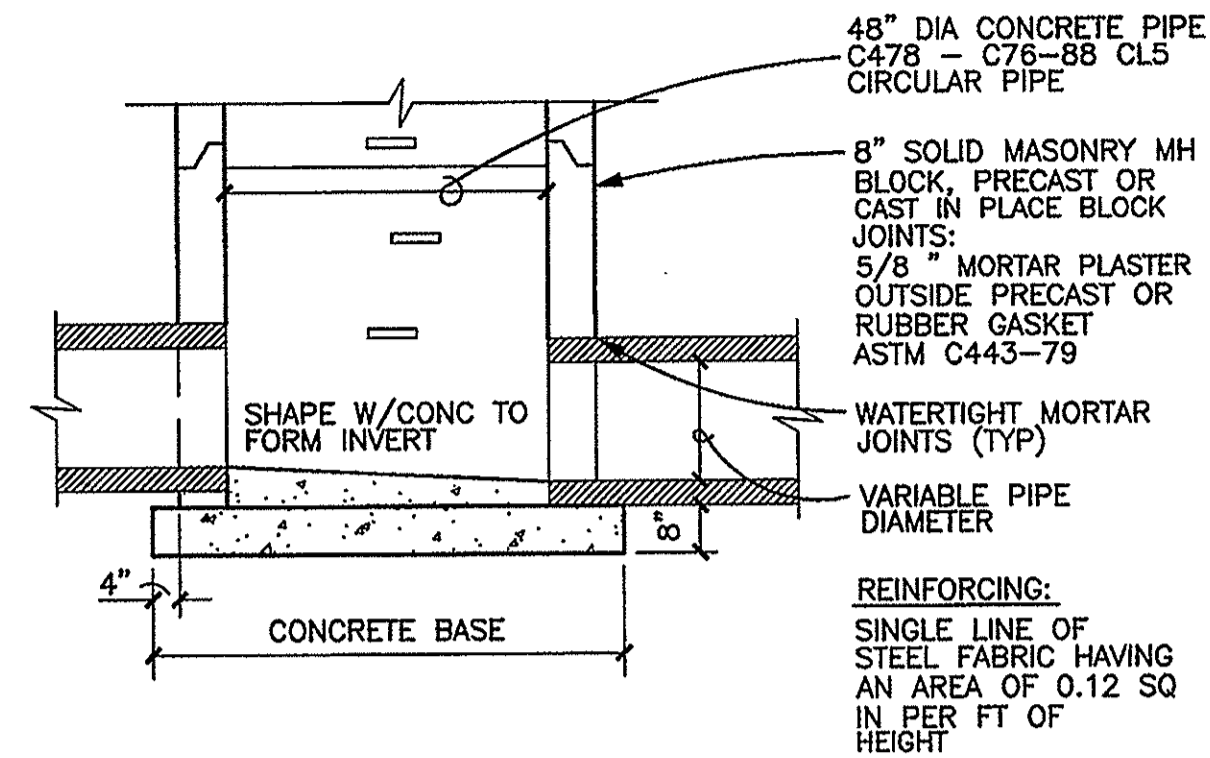
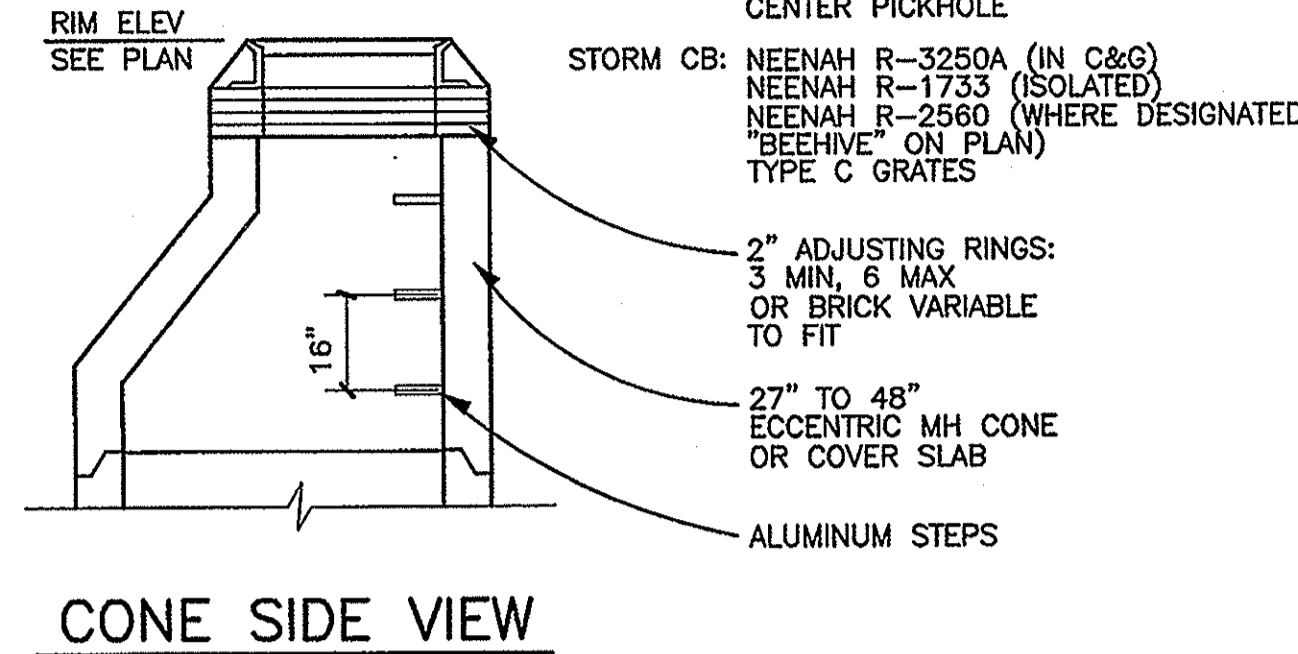


GENERAL NOTES:

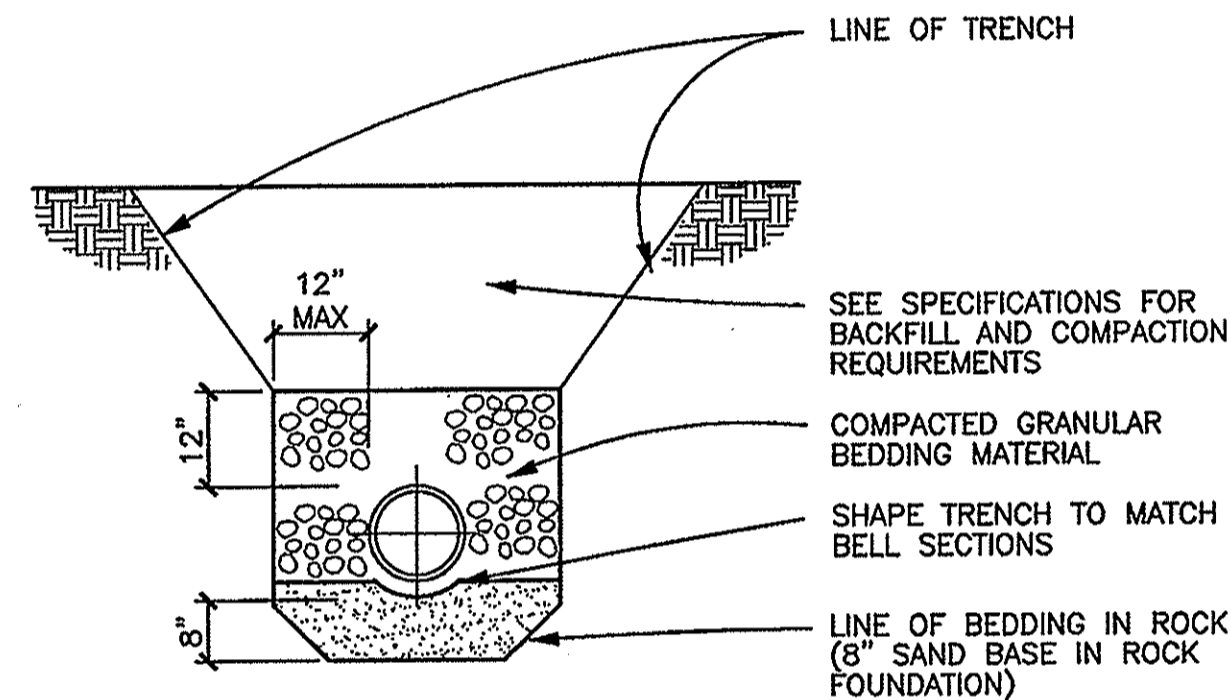
- EXISTING ELEVATION INFORMATION WAS TAKEN FROM A TOPOGRAPHICAL SURVEY FROM SURVEYING AND ENGINEERING PROFESSIONALS, INC.
- BENCHMARK:**
MNDOT ALUMINUM SURVEY DISK IN APPLE VALLEY, 0.4 MILES NORTH OF JUNCTION OF COUNTY ROAD 42 (150TH STREET) AND COUNTY ROAD 23 (CEDAR AVENUE), IN GRASS MEDIAN NORTH OF 147TH STREET, 0.15 MILES SOUTH OF 145TH STREET, 4.4 FEET WEST OF BACK OF CURB, 1.4 FEET EAST OF WITNESS POST. ELEV.=953.28
- CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS INCLUDING LOCATIONS, RIM AND INVERT ELEVATIONS OF EXISTING DRAINAGE AND SANITARY STRUCTURES, LOCATION AND SIZE OF EXISTING SANITARY AND WATER STUBS AND EXISTING GRADES.
- EXERCISE BEST MANAGEMENT PRACTICES (BMP'S) TO MINIMIZE EROSION AND SEDIMENTATION DURING CONSTRUCTION. USE SILT FENCE AND CATCH BASIN PROTECTION TO MINIMIZE SEDIMENTATION OFF SITE OR TO PUBLIC OR PRIVATE STORM SEWER SYSTEMS.
- SPOT ELEVATIONS ARE FLOWLINE AND/OR FINISHED GRADES UNLESS OTHERWISE INDICATED BY LOCATION OF THE SPOT.
- ALL PROPOSED ELEVATIONS ARE TOP OF PAVING OR GUTTER UNLESS NOTED OTHERWISE. PROPOSED ELEVATIONS ARE SUGGESTED ELEVATIONS TO PROMOTE POSITIVE DRAINAGE TOWARDS CATCH BASINS OR OUTLETS. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THESE AND PROVIDE THE REQUIRED ELEVATIONS TO PROMOTE POSITIVE DRAINAGE THROUGHOUT THE PARKING LOT.
- PLACE SILT FENCE AT ALL LOCATIONS THAT EROSION MAY OCCUR. PROPOSED SILT FENCE WAS PLACED WHERE THE ENGINEER ANTICIPATED SILTATION OCCURRING. CERTAIN CONSTRUCTION PRACTICES OR UNANTICIPATED CONDITIONS MAY REQUIRE THE PLACEMENT OF ADDITIONAL SILT FENCE. THE CONTRACTOR SHALL PLACE ADDITIONAL SILT FENCE AS NEEDED TO ENSURE THAT NO SILT WILL LEAVE THE SITE, WHICH INCLUDES BUT IS NOT LIMITED TO ENCLOSING THE ENTIRE SITE.
- CONTRACTOR SHALL MAINTAIN EROSION AND SEDIMENTATION CONTROL DEVICES SUCH AS CATCH BASIN PROTECTION, SILT FENCE, ETC. UNTIL PAVING IS INSTALLED AND GRASS OR SOD IS ESTABLISHED. NO MORE EXISTING VEGETATION SHALL BE DISTURBED THEN IS NECESSARY TO COMPLETE THE SITE WORK INDICATED ON THIS DRAWING.
- WOOD FIBER BLANKET SHALL BE PLACED ON ALL 4:1 SLOPES AND DRAINAGE AREAS AS SHOWN TO PREVENT SCOURING.
- SEED, MULCH AND FERTILIZE ALL DISTURBED AREAS. (SEE SPECIFICATIONS).
- ALL EXPOSED SOIL AREAS DRAINING TO A STORM WATER CONVEYANCE SYSTEM OR A SURFACE WATER, SHALL HAVE TEMPORARY PROTECTION OR PERMANENT COVER FOR THE EXPOSED SOIL AREAS IN ACCORDANCE WITH THE FOLLOWING SCHEDULE. TEMPORARY SEEDING SHALL BE MNDOT SEED MIX 100 OR 110.
 STEEPER THAN 1 VERTICAL: 3 HORIZONTAL.....7 DAYS
 10:1 TO 3:1.....14 DAYS
 FLATTER THAN 10:1.....21 DAYS
- NOTIFY ENGINEER IMMEDIATELY IF ANY DISCREPANCIES ARE NOTED BETWEEN EXISTING CONDITIONS AND CONDITIONS NOTED ON THE PLANS WHICH ARE SIGNIFICANT ENOUGH TO ALTER THE INTENT OF THE DRAWINGS.
- NOTIFY ALL UTILITY COMPANIES BEFORE CONSTRUCTION AND VERIFY LOCATION OF ALL UTILITIES BEFORE BEGINNING WORK.
- THE DEVELOPER/BUILDER SHALL KEEP BUILDING SITE MATERIAL CONFINED TO THE BUILDING SITES VIA ROCK ENTRANCES AT EVERY DRIVEWAY AND SILT FENCE PROTECTION TO CONTROL EROSION THAT MAY ERODE OFF SITE ONTO THE RIGHT-OF-WAY OR INTO LOWER ADJACENT AREAS. THE ROCK ENTRANCE SHALL BE UTILIZED BY EVERY VEHICLE THAT ENTERS THE SITE.
- EXISTING VEGETATION INCLUDING TREE ROOTS SHALL BE PRESERVED WHEREVER POSSIBLE.
- EROSION CONTROL DEVICES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND DURING PROLONGED PERIODS OF RAINFALL. ANY REQUIRED REPAIRS AND/OR MAINTENANCE ACTIVITIES SHALL BE COMPLETED BY THE CONTRACTOR IMMEDIATELY.
- SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY SHALL BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE THIRD OF THE HEIGHT OF THE SEDIMENT BARRIER.
- THE CONTRACTOR SHALL REMOVE EROSION CONTROL DEVICES WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED TO THE EXTENT THAT, IN THE OPINION OF THE ENGINEER, EROSION AND SEDIMENTATION ARE UNLIKELY TO OCCUR.
- THE CONTRACTOR SHALL DESIGNATE AN AREA FOR THE WASHING CONCRETE TRUCKS, WHICH SHALL BE LOCATED SUCH THAT RUNOFF WILL NOT ENTER DITCHES, STORM SEWERS, CURB AND GUTTER, WETLANDS, OR ANY OTHER WATER OF THE STATE.
- FAILURE OF THE CONTRACTOR TO PERFORM WITH THE ABOVE MAY RESULT IN STOPPAGE OF WORK. THE CONTRACTOR SHALL CORRECT ANY NON-COMFORMING WORK AS DETERMINED BY THE ENGINEER, WITHIN A 24 HOUR PERIOD OF NOTIFICATION FROM THE ENGINEER. FAILURE BY THE CONTRACTOR TO CORRECT SAID WORK AS INDICATED SHALL ALLOW THE ENGINEER TO ORDER THE CONTRACTOR TO STOP ANY AND ALL WORK IMMEDIATELY AND TAKE ANY ACTION NECESSARY TO CORRECT SAID WORK. ALL CLAIMS, COSTS, LOSSES, AND DAMAGES RELATED TO THE CONTRACTOR FAILING TO PERFORM (AS DETERMINED BY THE ENGINEER) INCURRED OR SUSTAINED BY THE CITY AND/OR OWNER IN EXERCISING SUCH RIGHTS AND REMEDIES WILL BE CHARGED AGAINST THE CONTRACTOR.



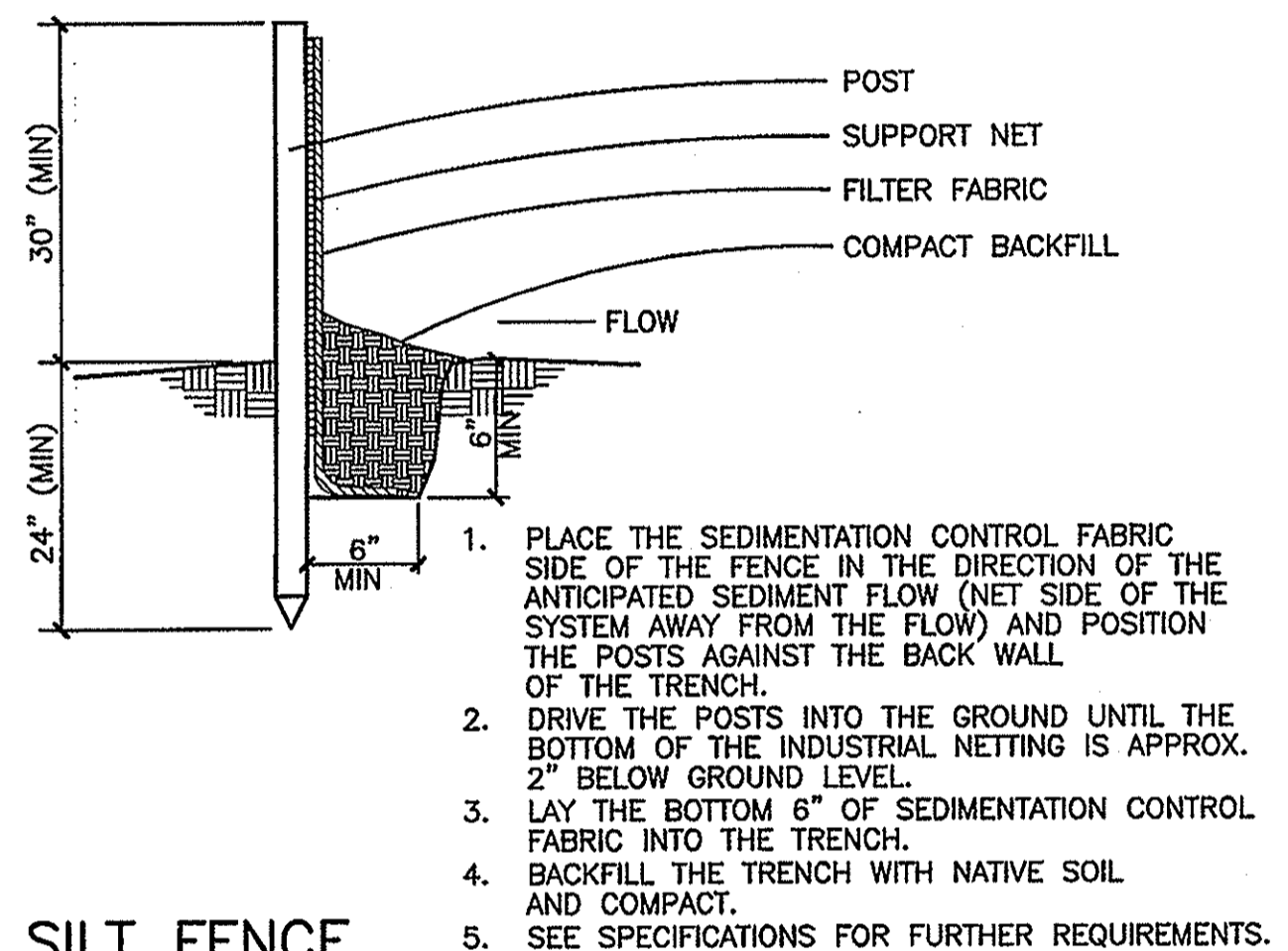
1 TYP MANHOLE OR CATCH BASIN NTS



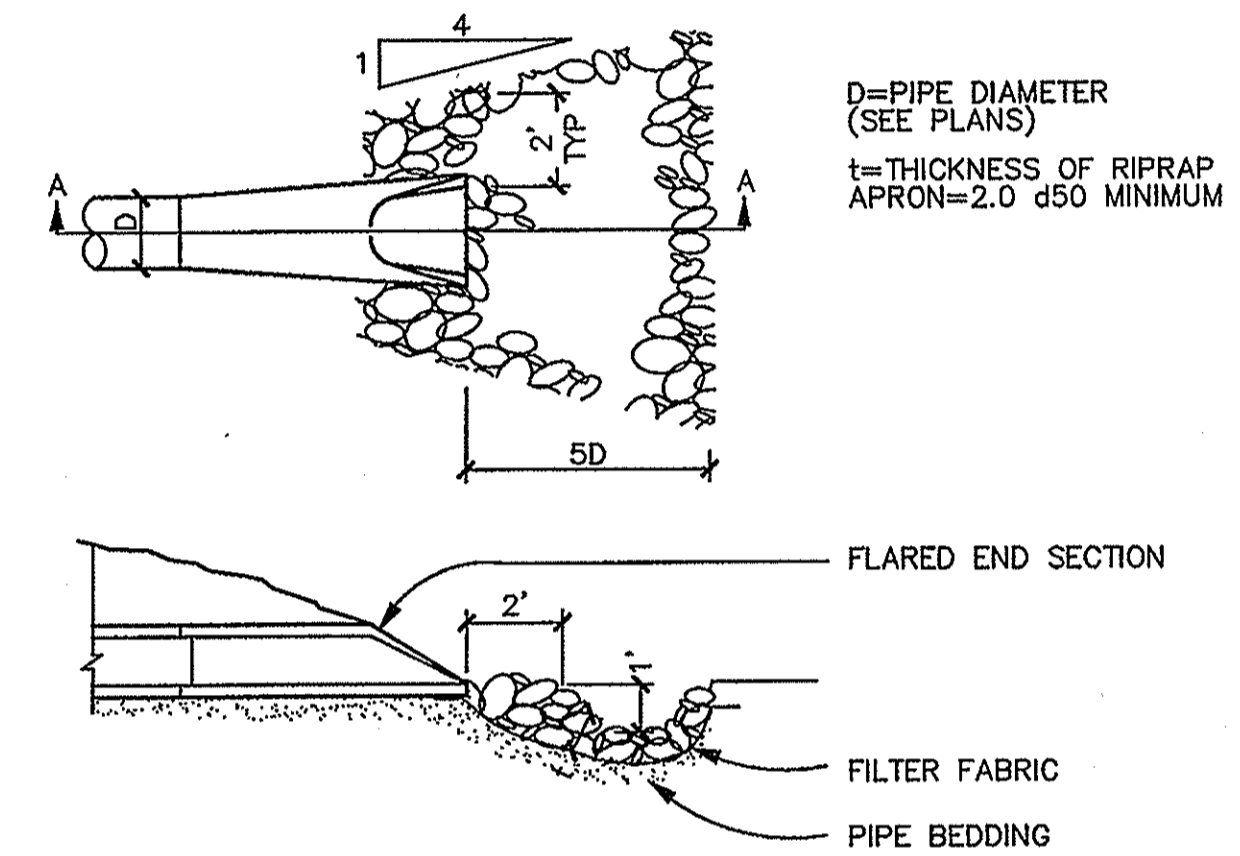
2 DESIGN 'H' CATCH BASIN NTS



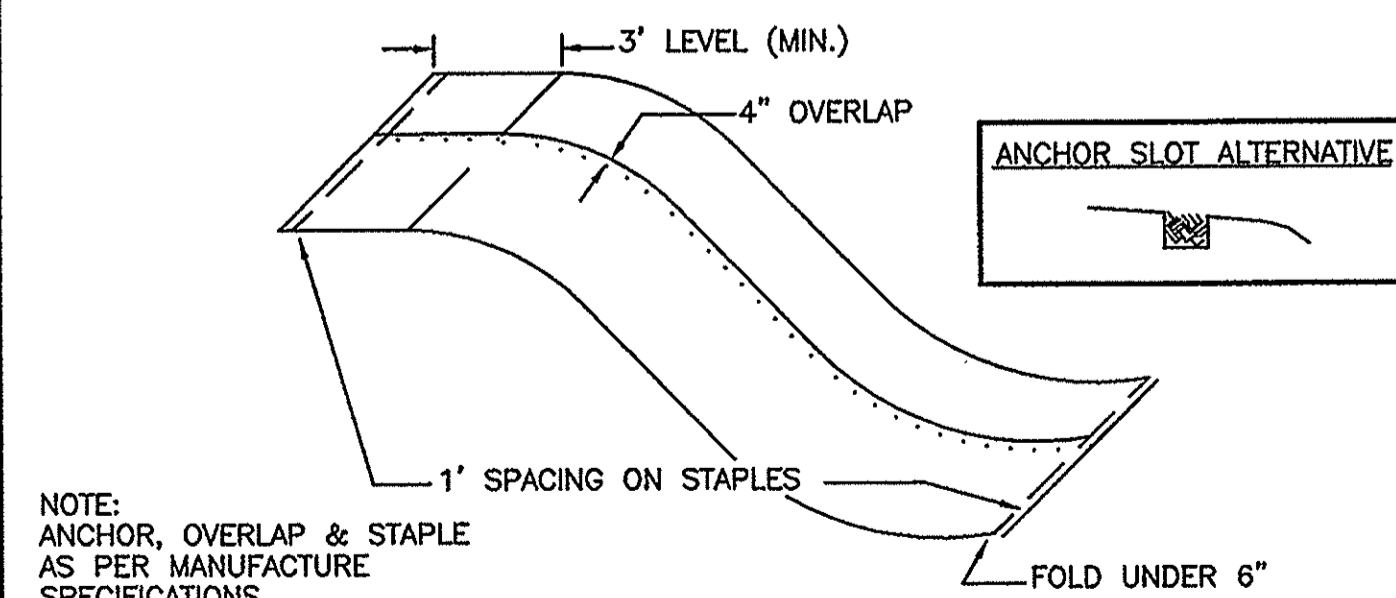
3 PIPE BEDDING DETAIL (SAN & STORM) NTS



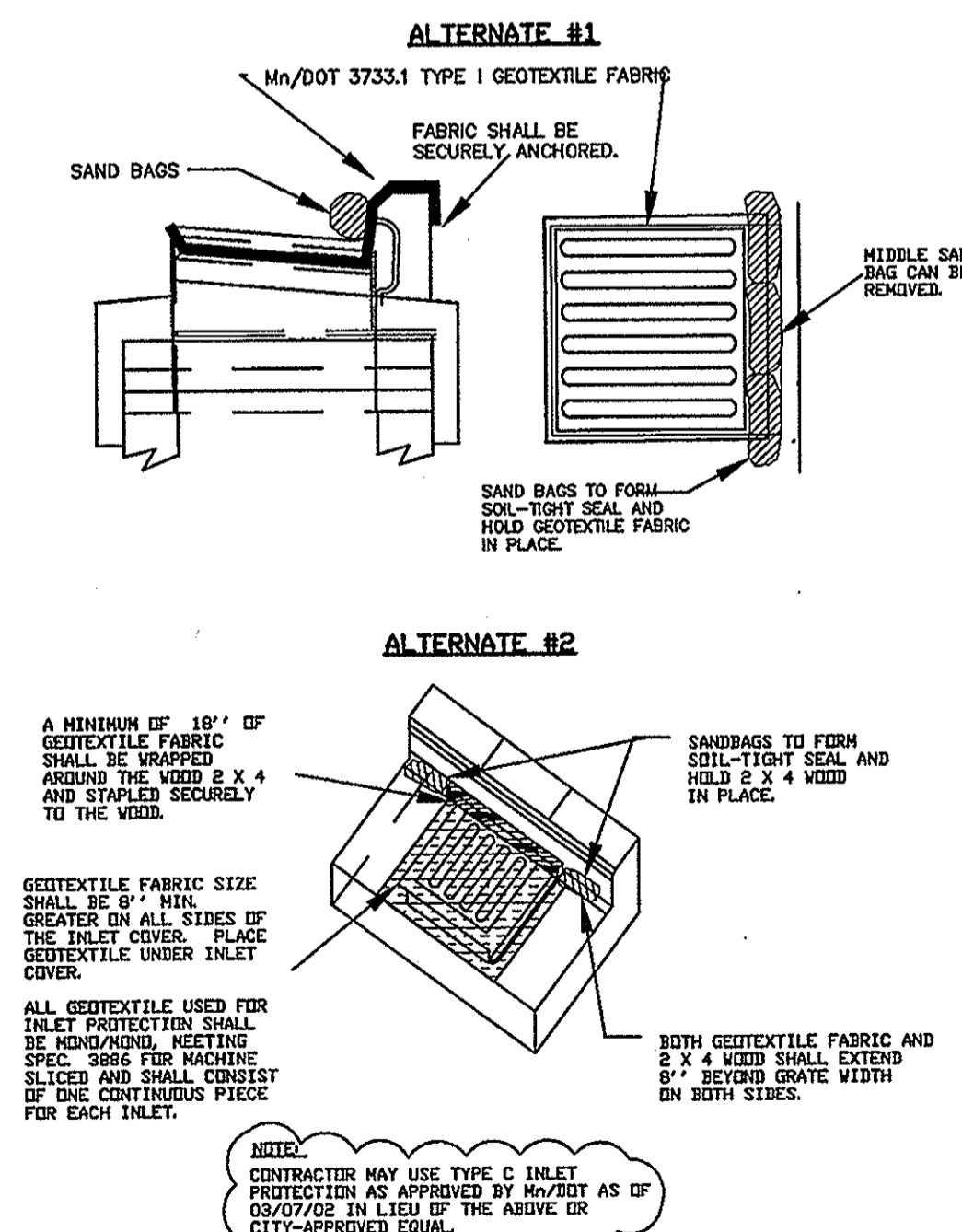
4 SILT FENCE NTS



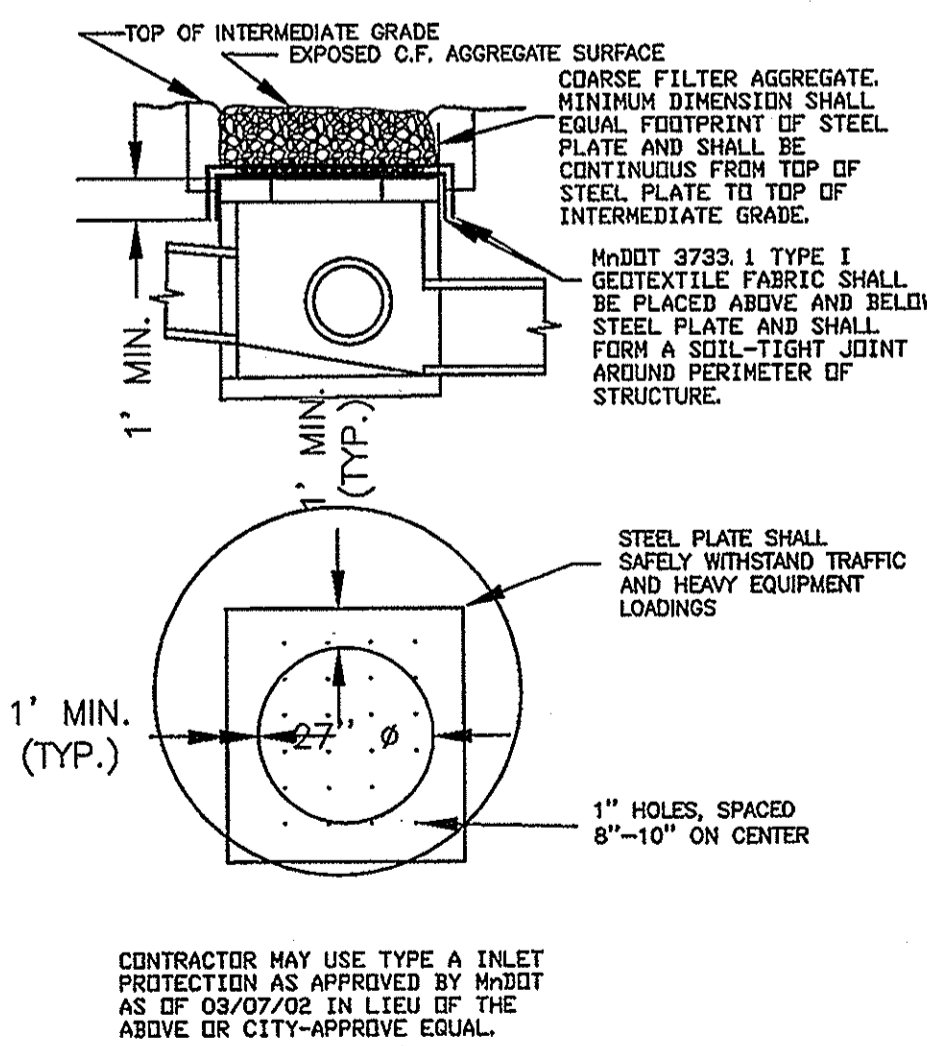
5 RIP RAP NTS



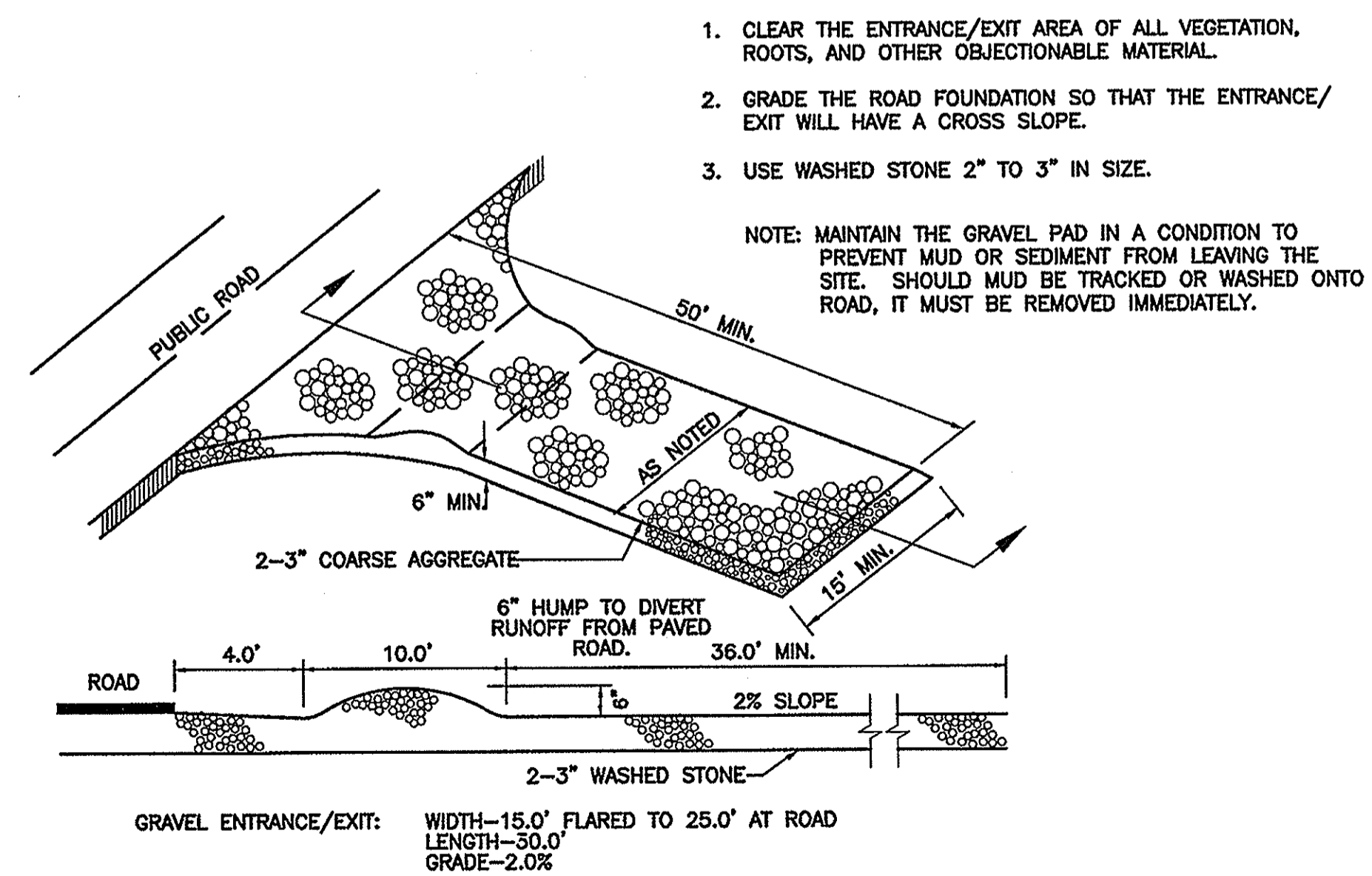
6 EROSION CONTROL BLANKET INSTALLATION NTS



7 CATCH BASIN PROTECTION TYPE C NTS



8 INLET PROTECTION TYPE A NTS



9 TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT NTS

SURVEY: WAITE PARK OFFICE
 DRAWN: 60 10TH AVE SOUTH
 DESIGNED: WAITE PARK, MN 56387
 TH: PHONE: (320) 259-8888
 DATE: 2/12/07
 PROJECT NO.: 950-85224
 L.C. NO.: 25500
 SIGNATURE: *Thomas Heikenhoff*
 PRINT NAME: THOMAS HEIKENHOFF
 UNDER THE LAWS OF THE STATE OF MINNESOTA
 I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF IT COMPLIES WITH THE LAWS OF THE STATE OF MINNESOTA.

Bonestroot
 Williamson
 Kotsmith
 Engineers Architects Surveyors
 www.bonestroot.com

DETAILS
 MOUNT OLIVET
 APPLE VALLEY, MINNESOTA

05224d1.dwg
 SHEET NUMBER
 C3