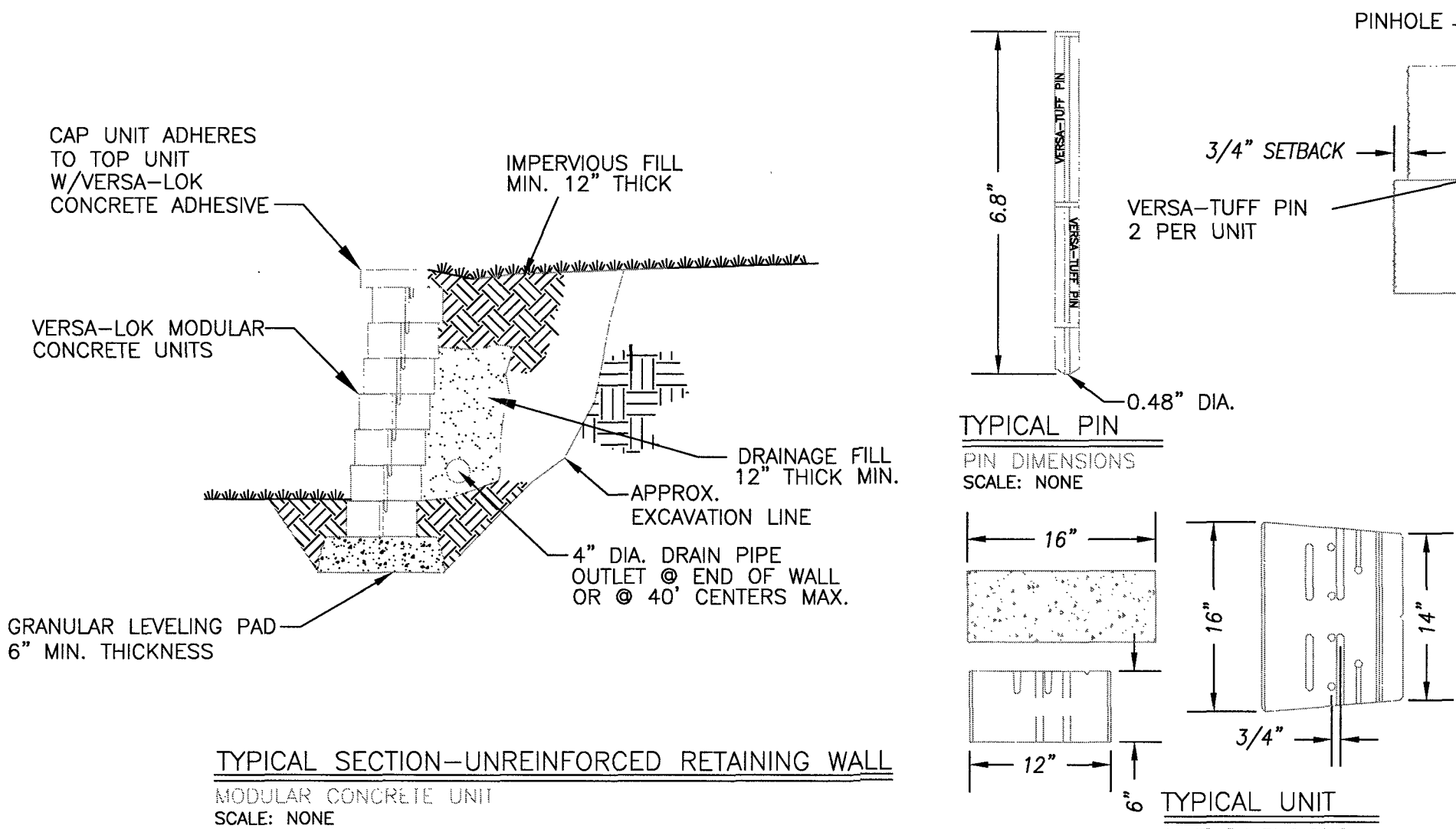
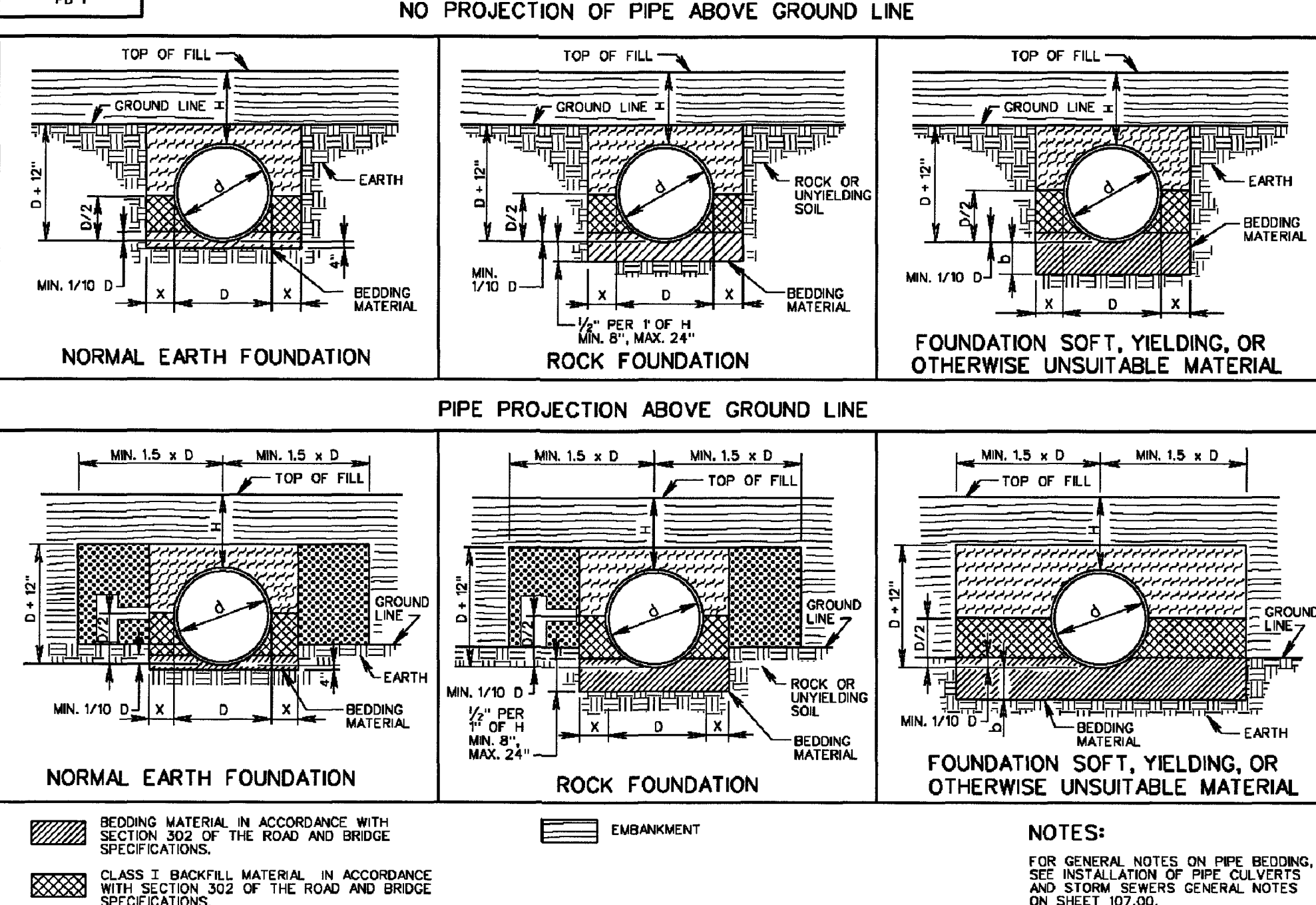
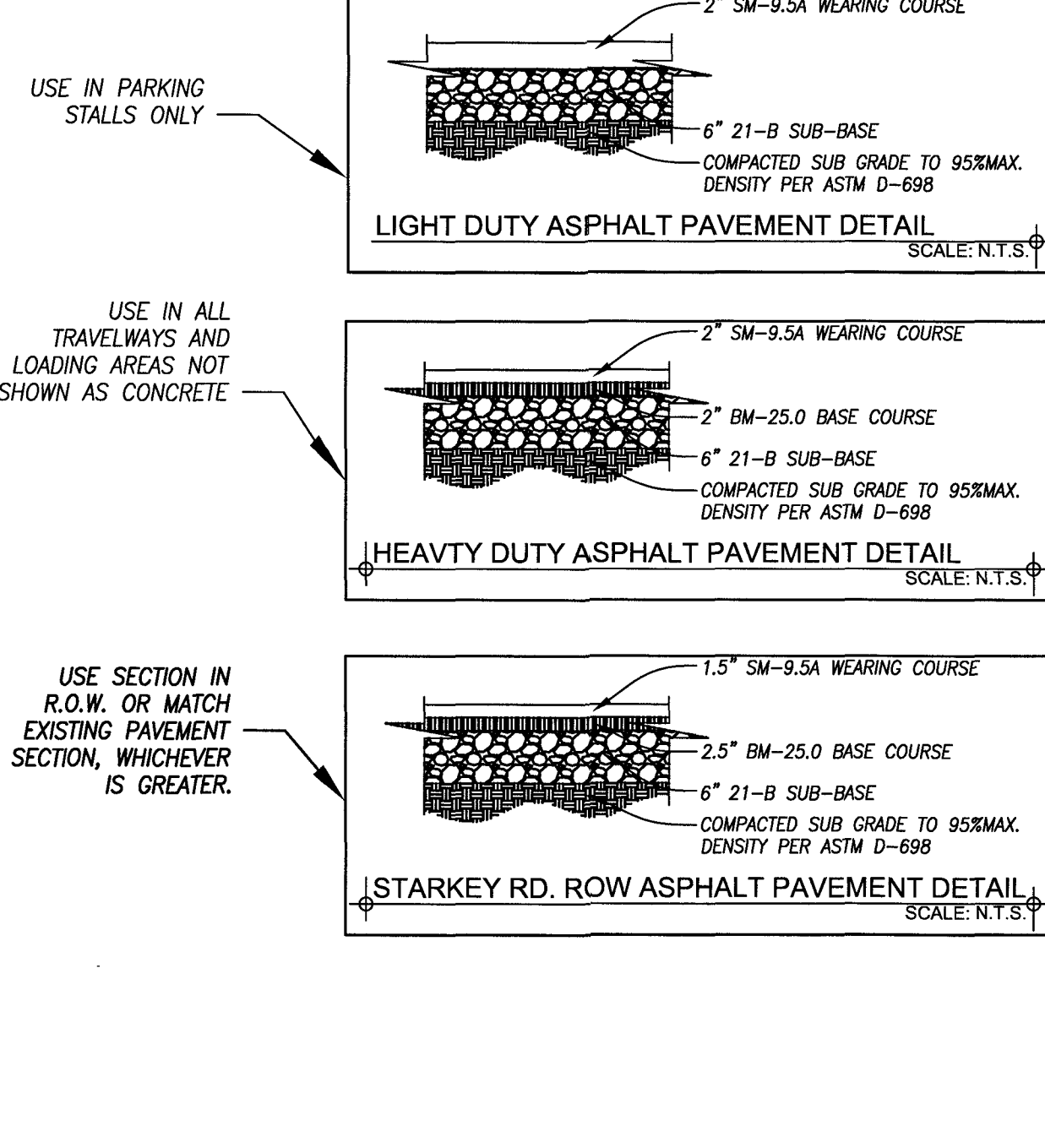
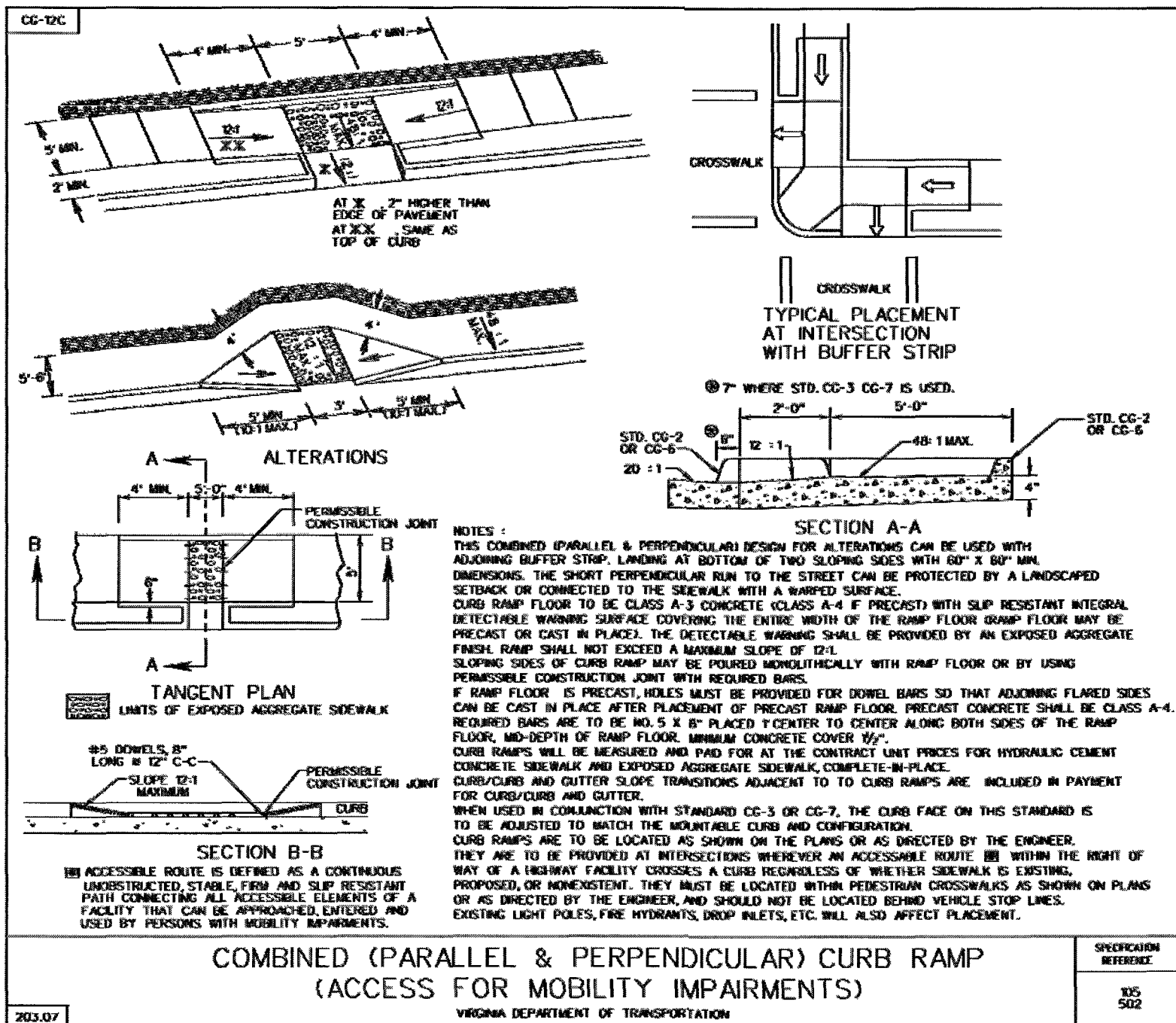
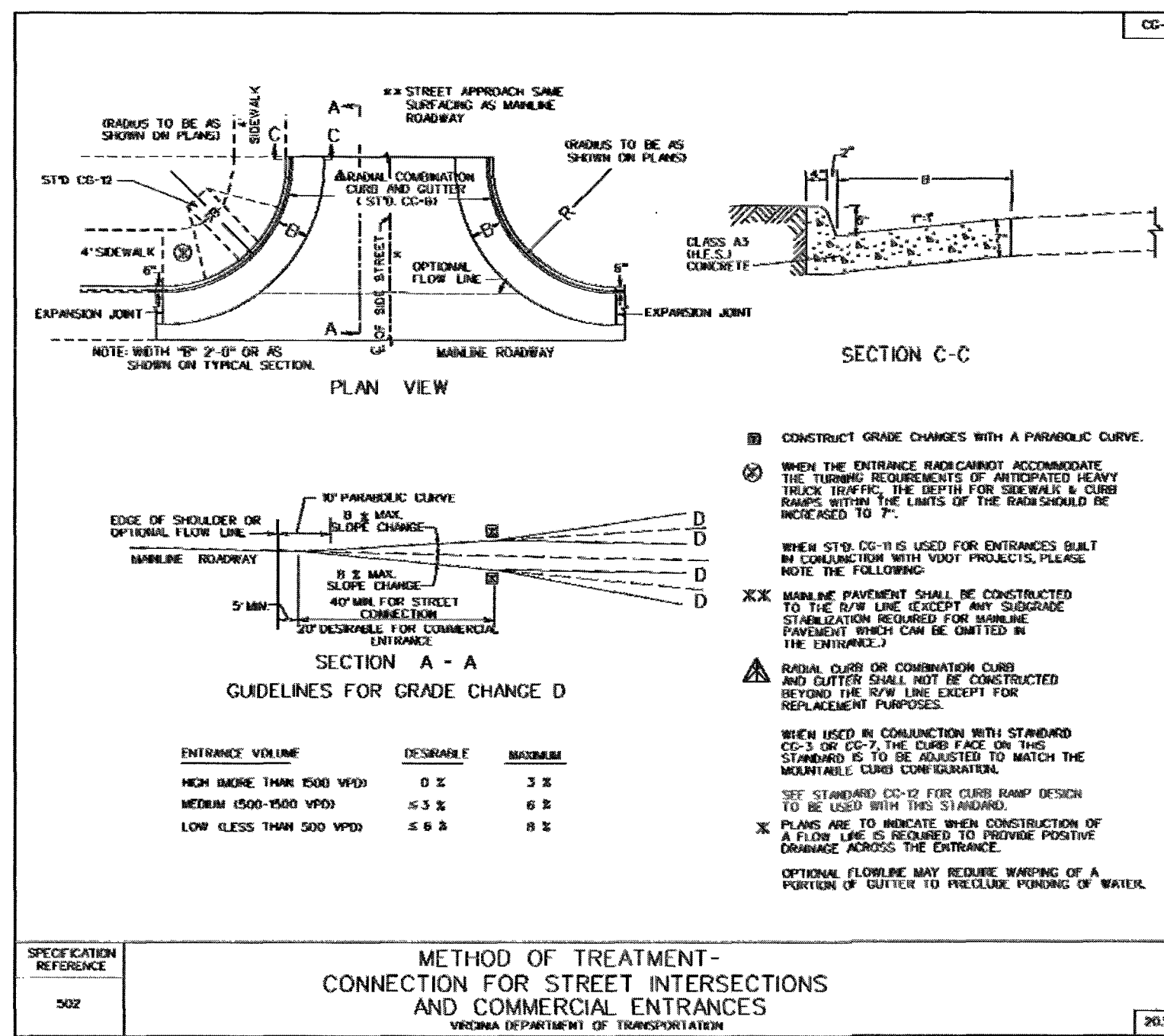
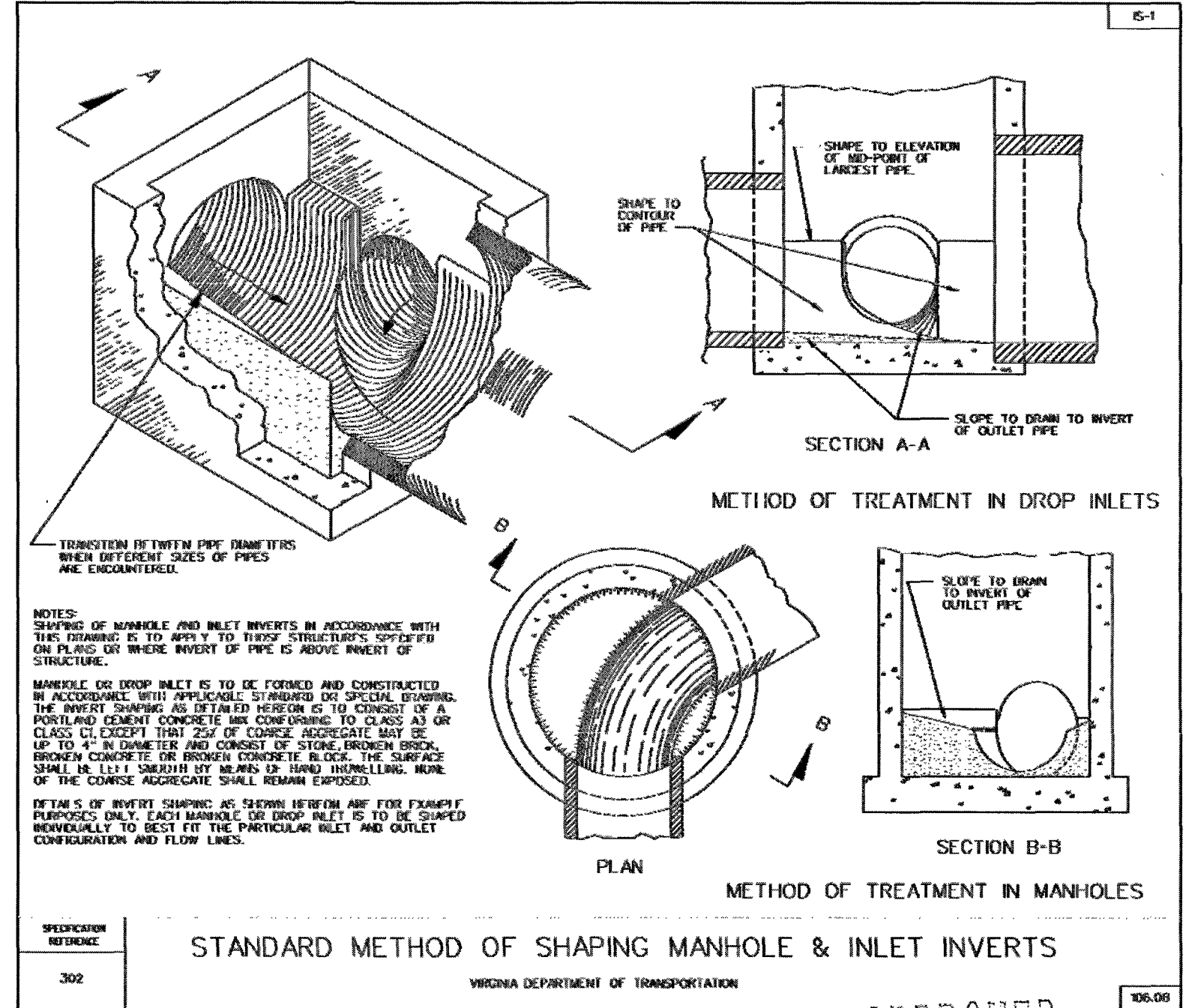
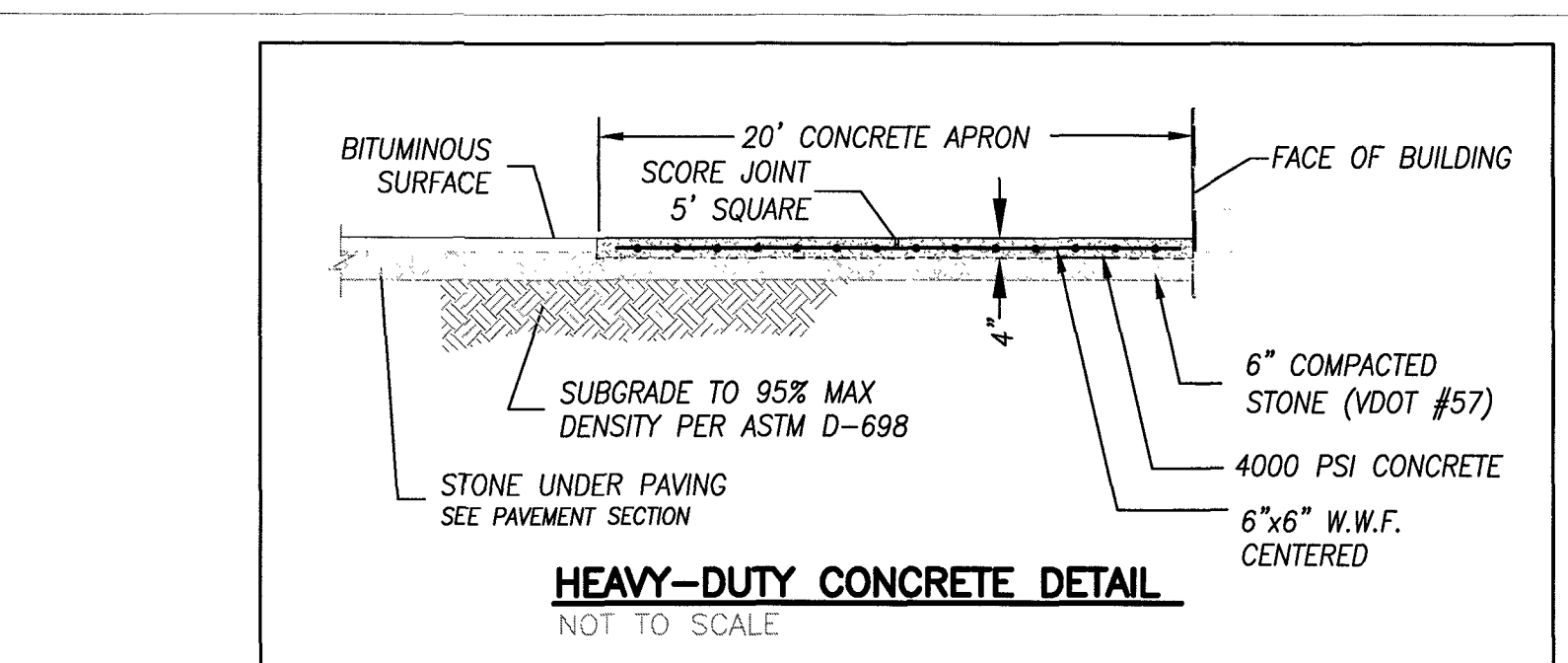
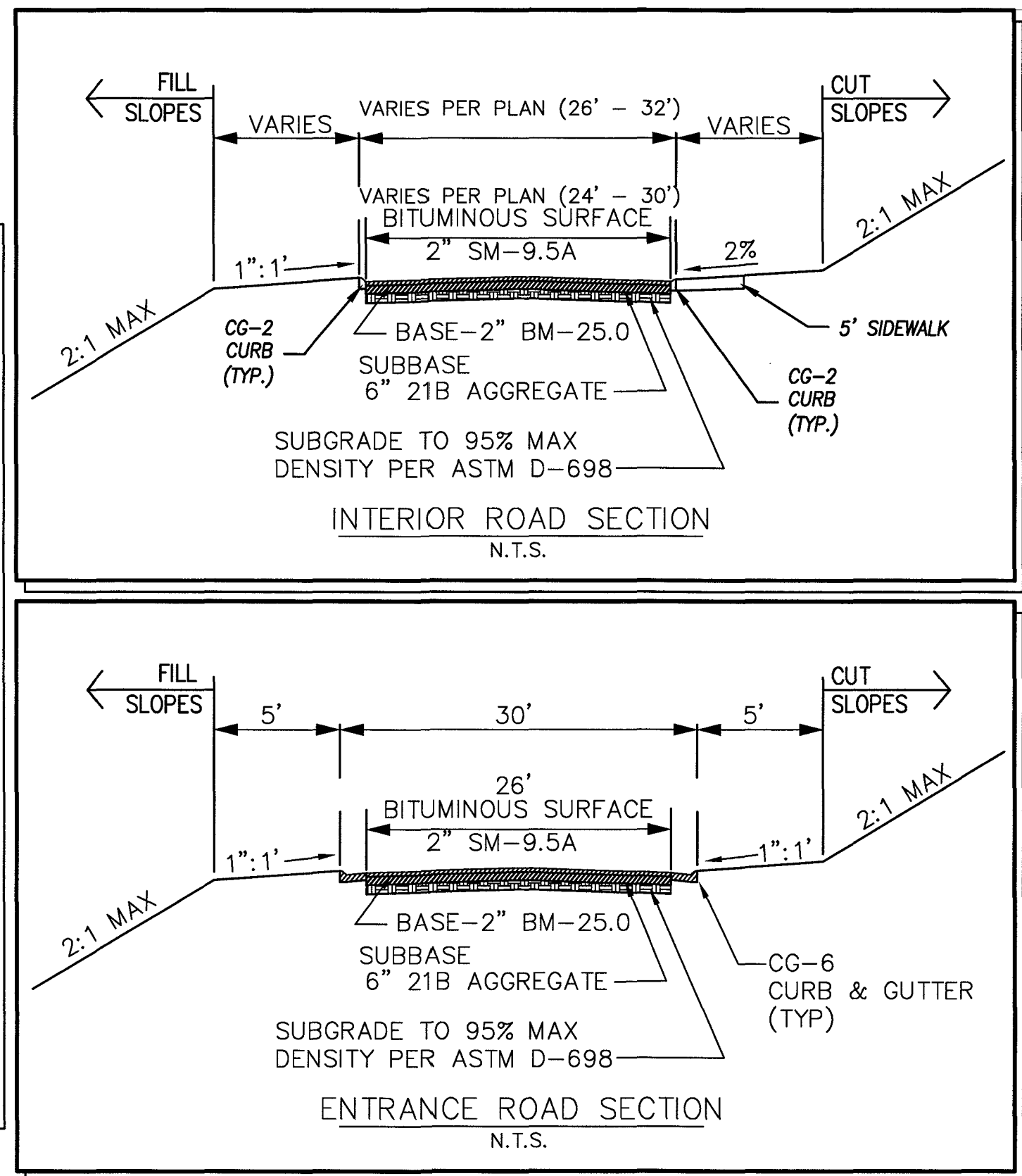
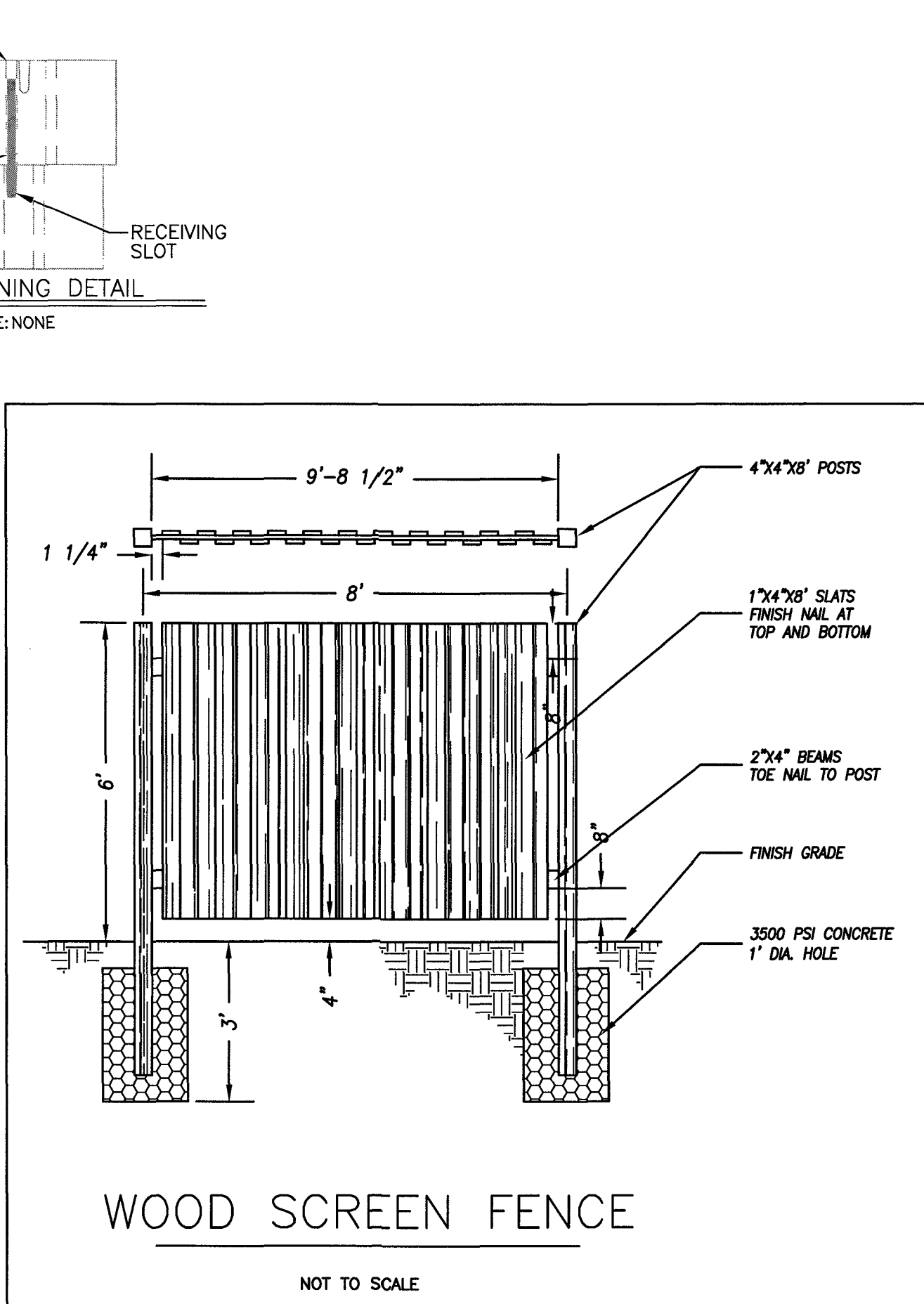


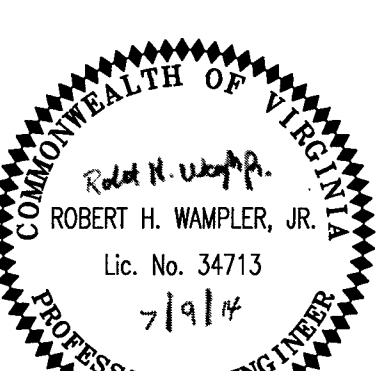
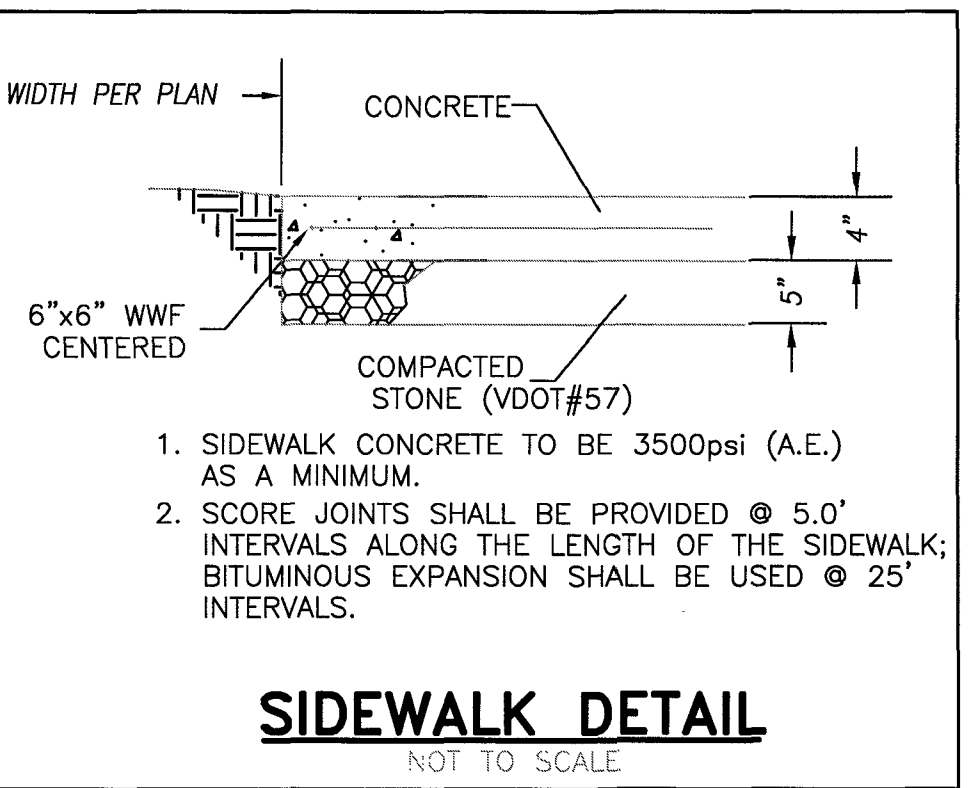
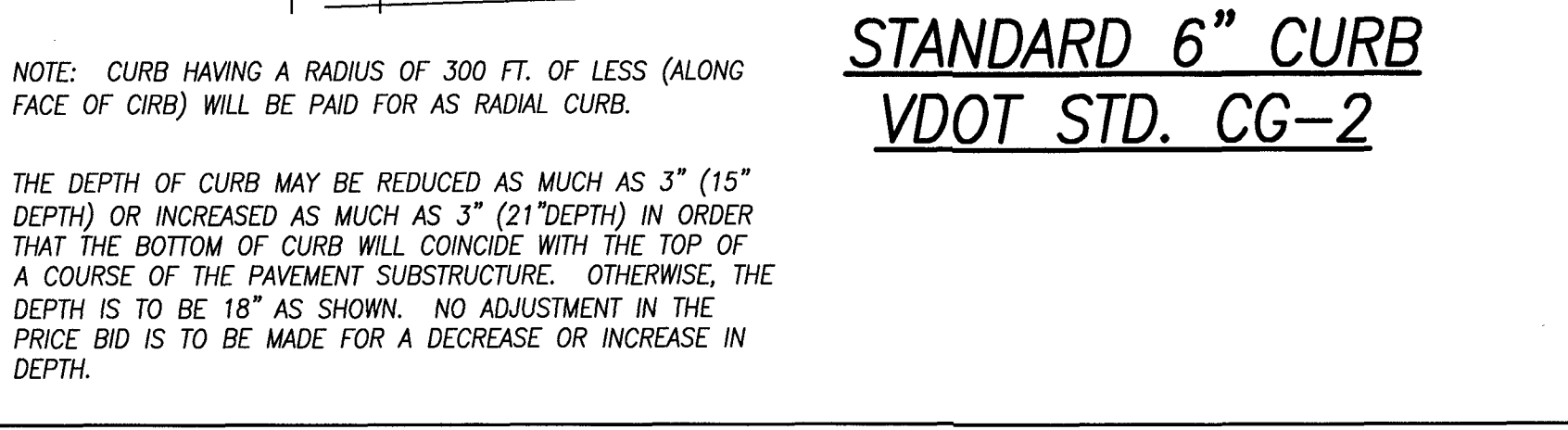


- RETAINING WALL NOTES:**
1. STRIP VEGETATION AND ORGANIC SOIL FROM WALL AND GEOSYNTHETIC ALIGNMENT.
 2. BENCH CUT ALL EXCAVATED SLOPES.
 3. DO NOT OVER EXCAVATE UNLESS DIRECTED BY SITE SOIL ENGINEER TO REMOVE UNSUITABLE SOIL.
 4. SITE SOIL ENGINEER SHALL VERIFY FOUNDATION SOILS AS BEING COMPETENT PER THE DESIGN STANDARDS AND PARAMETERS.
 5. BASE SHALL CONSIST OF COMPACTED COARSE SAND AND/OR GRAVEL, 6" THICK MIN. RETAINED BACKFILL.
 6. CONTRACTOR MAY OPT FOR A LEAN CONCRETE PAD. CONCRETE PAD SHALL BE UNREINFORCED, 1" TO 2" THICK MAXIMUM.
 7. MINIMUM EMBEDMENT OF WALL BELOW FINISH GRADE SHALL BE 12" FOR WALL HEIGHTS FROM 4 FT. AND UP, 6" BELOW 4 FT. UNLESS SHOWN DIFFERENTLY.
 8. FOLLOW APPLICABLE PROVISIONS OF THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND WRITTEN SPECIFICATIONS.
 9. DRAINAGE FILL SHALL BE INSTALLED BEHIND THE WALL UP TO 18" OF THE TOP OF THE WALL. DRAINAGE FILL SHALL NOT EXTEND BELOW FINAL GRADE IN FRONT OF WALL.
 10. WHERE DRAIN PIPE IS USED, PROVIDE OUTLETS @ MAX. 40 FT C-C.
 11. FOR UNITS TO BE EMBEDDED, COMPACT FILL IN FRONT OF UNITS AT THE SAME TIME BACKFILL BEHIND UNITS IS COMPACTED.
 12. COMPACTION TESTS SHALL BE TAKEN AS THE WALL IS INSTALLED. THE MINIMUM NUMBER OF TESTS SHALL BE DETERMINED BY THE SITE SOILS ENGINEER.
 13. COMPACTION SHALL BE TO 95% OF MAXIMUM STANDARD PROCTOR DENSITY (ASTM D-698).
 14. SEE ELEVATION FOR GEOSYNTHETIC TYPE, LENGTH AND LOCATION REQUIRED.
 15. GEOSYNTHETIC SHALL BE THE TYPE AND LENGTH AS SHOWN. PULL GEOSYNTHETIC TIGHT PRIOR TO BACKFILLING.
 16. GEOSYNTHETIC SHALL BE PLACED WITH STRONGEST DIRECTION PERPENDICULAR TO WALL. FOLLOW GEOSYNTHETIC MANUFACTURER'S INSTALLATION INSTRUCTIONS AND WRITTEN SPECIFICATIONS.
 17. IF CONDITIONS ARE DIFFERENT THAN THOSE STATED IN THESE DRAWINGS AND SPECIFICATIONS, THE CONTRACTOR MUST CONTACT ENGINEER PRIOR TO PROCEEDING WITH THE CONSTRUCTION OF THE WALL.



ENGINEERING CONCEPTS, INC.

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Drawn	ECI	FRIENDSHIP HEALTH AND REHAB CENTER SOUTH	NO SCALE
Designed	RHW		DATE: 7/9/14
Checked	ECI		PROJECT: 13106
Approved	RHW		20
MISCELLANEOUS DETAILS ROANOKE COUNTY, VIRGINIA			