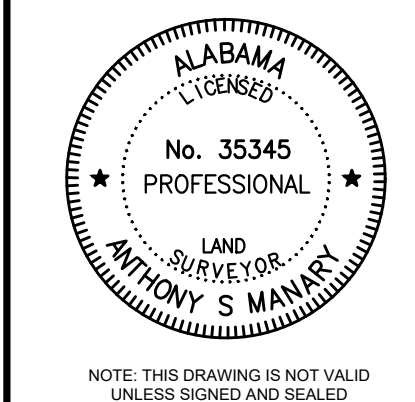


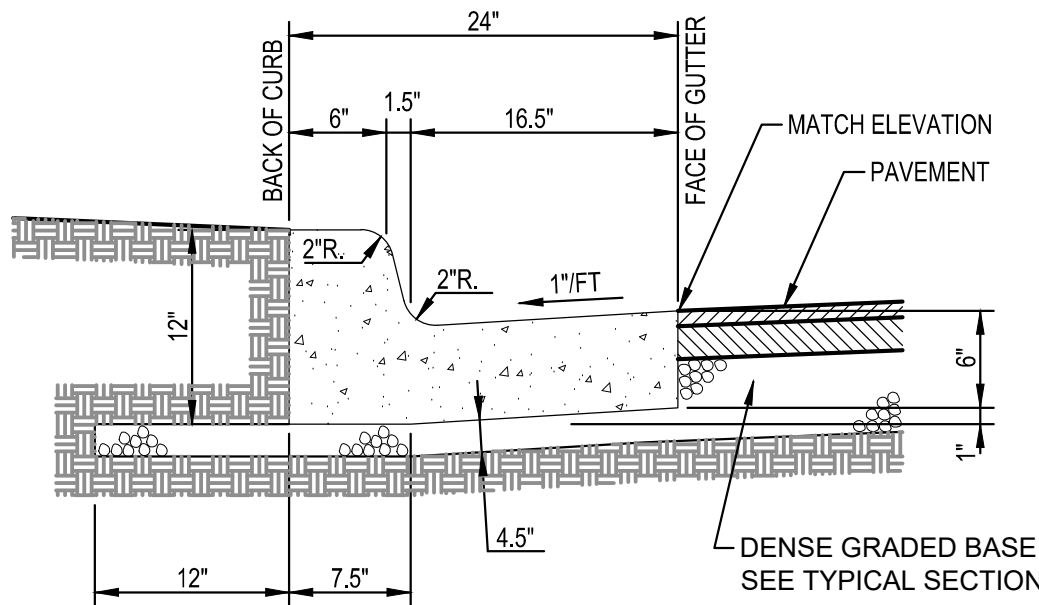

ANTHONY SCOTT MANARY PLS #35345

MADISON HEIGHTS SUBDIVISION
CITY OF MADISON, ALABAMA
SECTION 3, TOWNSHIP 4 SOUTH, RANGE 3 WEST



GENERAL NOTES

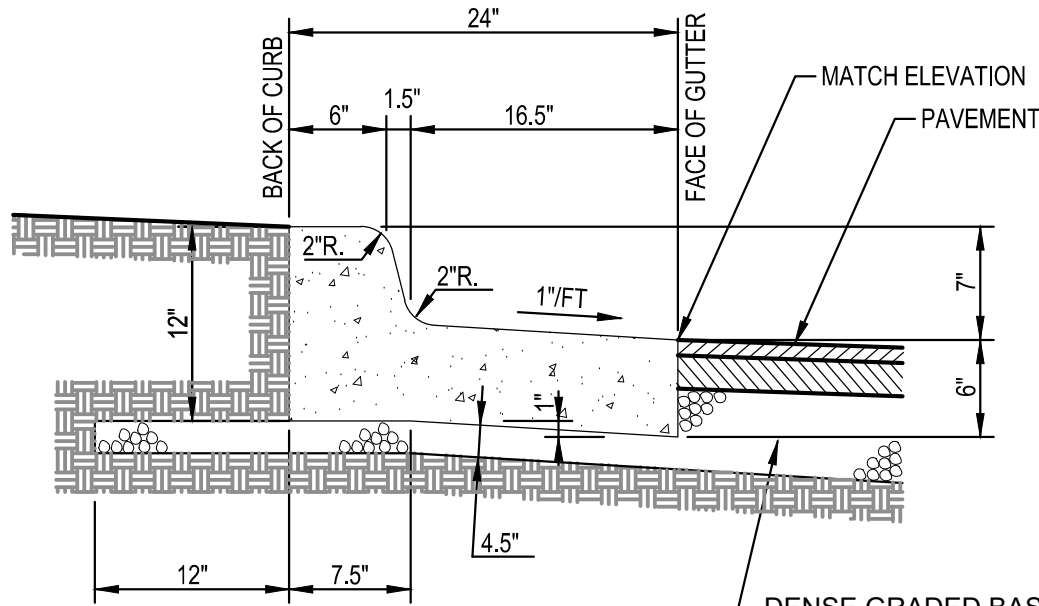
1. SITE TOPOGRAPHY MAPS AND OTHER TOPOGRAPHIC DATA SHOWN ON THESE PLANS OR INCLUDED IN THE SPECIFICATIONS ARE FOR THE INFORMATION OF THE CONTRACTOR. THE CONTRACTOR SHALL MAKE SUCH ADDITIONAL INVESTIGATIONS AS REQUIRED TO ACQUAINT HIMSELF ADEQUATELY WITH THE SITE TOPOGRAPHY AND SUBSURFACE SOIL CONDITIONS FOR PREPARATION OF HIS BID AND FOR THE SUCCESSFUL EXECUTION OF THE WORK.
2. PROTECTION OF WORK: THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE PROTECTION OF HIS WORK. THE OWNER MAY DIRECT THE CONTRACTOR TO PERFORM NECESSARY GRADING AND DRAINAGE TO PREVENT SURFACE RUN-OFF FROM DAMAGING THE WORK. SUCH GRADING IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE AT NO ADDITIONAL COST TO THE OWNER.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING EXISTING UTILITIES LOCATED PRIOR TO EXCAVATION. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE DRAWINGS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS AND 2 THE POINT, INC. ASSUME NO RESPONSIBILITY AS TO THE ACCURACY OF THEIR DEPICTED LOCATION ON THESE DRAWINGS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN AND ALL OTHER UTILITIES NOT OF RECORD OR NOT SHOWN ON THESE DRAWINGS BY VERIFICATION OF THEIR LOCATION IN THE FIELD PRIOR TO THE INITIATION OF THE ACTUAL PORTION OF THEIR WORK.
4. TOPSOIL SHALL BE REMOVED TO A MINIMUM DEPTH OF 12" WITHIN THE LIMITS OF CONSTRUCTION AND STOCKPILED ON SITE AT LOCATIONS DESIGNATED BY OWNER. THIS REMOVAL QUANTITY IS INCLUDED IN THE QUANTITY FOR UNCLASSIFIED EXCAVATION.
5. TOPSOIL PLACEMENT, LANDSCAPING AND SEEDING REQUIREMENTS SHALL BE AS SHOWN ON THE LANDSCAPING PLANS CONTAINED HEREIN.
6. NO ROCK IS ANTICIPATED TO BE ENCOUNTERED WITHIN THE PROJECT SITE. HOWEVER, THE CONTRACTOR SHOULD EXAMINE THE SITE TO HIS OWN SATISFACTION PRIOR TO CONSTRUCTION. NO EXTRA COMPENSATION SHALL BE ALLOWED SHOULD ROCK BE ENCOUNTERED DURING TRENCH EXCAVATION OR SUBGRADE PREPARATION.
7. ALL EARTHWORK SHALL BE MONITORED BY A REGISTERED GEOTECHNICAL ENGINEER PROVIDED BY THE CONTRACTOR.
8. AN INDEPENDENT SOILS TESTING LABORATORY SHALL BE RETAINED BY THE CONTRACTOR TO MAKE DENSITY TESTS AS REQUIRED BY THE OWNER OR HIS REPRESENTATIVE.
9. PRIOR TO PLACING FILL, ANY SURFACE DEPOSITS OR WASTE MATERIALS FROM PREVIOUS GRADING OPERATIONS AND ANY CONSTRUCTION DEBRIS OR ANY OTHER UNSUITABLE SURFICIAL MATERIAL SHALL BE REMOVED FROM THE SITE. ALSO, THE EXISTING GROUND SURFACE SHALL BE SCARIFIED TO A DEPTH OF 6 INCHES AND AERATED OR MOISTENED TO OPTIMUM MOISTURE CONTENT PRIOR TO FINAL COMPACTION OR PLACEMENT OF ADDITIONAL FILL MATERIAL.
10. MOISTURE CONTENT OF SOILS UNDERGOING COMPACTION SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE SOILS ENGINEER ON SITE.
11. EARTH FILL SHALL BE PLACED IN UNIFORM LAYERS OR LIFTS NOT EXCEEDING 6" COMPACTED THICKNESS. ALL FILL MATERIALS OUTSIDE PAVED AREAS SHALL BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY, PLUS OR MINUS 2% OF OPTIMUM MOISTURE, ASTM-D6798.
12. ALL TRENCHING AND EXCAVATION SHALL COMPLY WITH THE "DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION PUBLICATION (29 CFR PART 1926) OCCUPATIONAL SAFETY AND HEALTH STANDARDS - EXCAVATIONS", LATEST EDITION.
13. FUGITIVE DUST EMISSIONS SHALL BE CONTROLLED BY CONTRACTOR AS PER THE CITY OF MADISON REQUIREMENTS.
14. ALL EXISTING TREES OUTSIDE OF THE LIMITS OF WORK SHALL BE PROTECTED DURING THE ACCOMPLISHMENT OF THE WORK, AND SHALL NOT BE DAMAGED IN ANY MANNER.
15. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING STREETS THAT IS CREATED DURING INSTALLATION OF CURB AND GUTTER, SIDEWALK, STORM SEWER, SANITARY SEWER AND ANY OTHER OF HIS CONSTRUCTION OPERATIONS. SAW CUT ALL PAVEMENT.
16. ALL BOULDERS, DEBRIS, EXCESS CONSTRUCTION MATERIALS, MATERIAL GENERATED FROM DEMOLITION OF EXISTING STRUCTURES AND FACILITIES OR TRASH SHALL BE REMOVED FROM THE SITE AT THE CONTRACTOR'S EXPENSE.
17. ALL PROPOSED CONTOUR ELEVATIONS SHOWN ON THESE PLANS ARE FINISH GRADE.
18. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE WORK ZONE TRAFFIC CONTROL AND PROTECTION IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", LATEST EDITION.
19. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
20. THE DUTY OF THE ENGINEER TO CONDUCT CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES IN, OR NEAR, THE CONSTRUCTION SITE.
21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING APPLICATIONS AND PAYING FOR ALL NECESSARY PERMITS. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE STATE OF ALABAMA STANDARD CONSTRUCTION SPECIFICATIONS, LATEST EDITION.
22. ALL CONCRETE SHALL BE AIR ENTRAINED 3000 PSI MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS, CLASS "A", UNLESS OTHERWISE NOTED.
23. ALL REINFORCING STEEL SHALL BE GRADE 60 DEFORMED AND SHALL CONFORM TO ASTM A615, FOR BILLET STEEL.
24. ALL WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185, SMOOTH FABRIC WITH AN ASTM YIELD STRENGTH OF 65,000 PSI.
25. ALL STORM DRAINAGE PIPES SHALL BE REINFORCED CONCRETE CLASS III PER ASTM C-76 UNLESS OTHERWISE NOTED. COMPACTED GRANULAR FILL MATERIAL FOR PIPE SHALL BE REQUIRED UNDER PAVED AREAS AND WITHIN 2 FEET OF BACK OF CURB IN NON PAVED AREAS. (SEE DETAIL).
26. THE CONTRACTOR SHALL PREVENT THE DESTRUCTION OF ALL SURVEY MONUMENTS, BENCH MARKS, PROPERTY CORNERS AND ALL OTHER SURVEY POINTS. WHERE THE REMOVAL OF SUCH POINTS IS NECESSARY FOR THE ACCOMPLISHMENT OF THE WORK, THE CONTRACTOR SHALL INFORM THE ENGINEER IN WRITING, PRIOR TO THE DISTURBANCE OF ANY POINT, AND SHALL NOT DISTURB THE POINT UNTIL WRITTEN PERMISSION TO DO SO HAS BEEN ISSUED BY THE ENGINEER.
27. CONSTRUCTION SPECIFICATIONS FOR WATER LINE AND SANITARY SEWER LINE, LATEST EDITION AS ADOPTED BY THE CITY OF MADISON ARE HEREBY MADE A PART OF THESE PLANS.
28. WATER METER SHALL BE SIZED BY OTHERS.



NOTE:
CONTRACTION JOINTS ARE REQ'D AT 10' O.C. AND
3/4" BITUM. EXPANSION JOINTS ARE REQ'D AT 50' O.C.

STANDARD CURB AND GUTTER

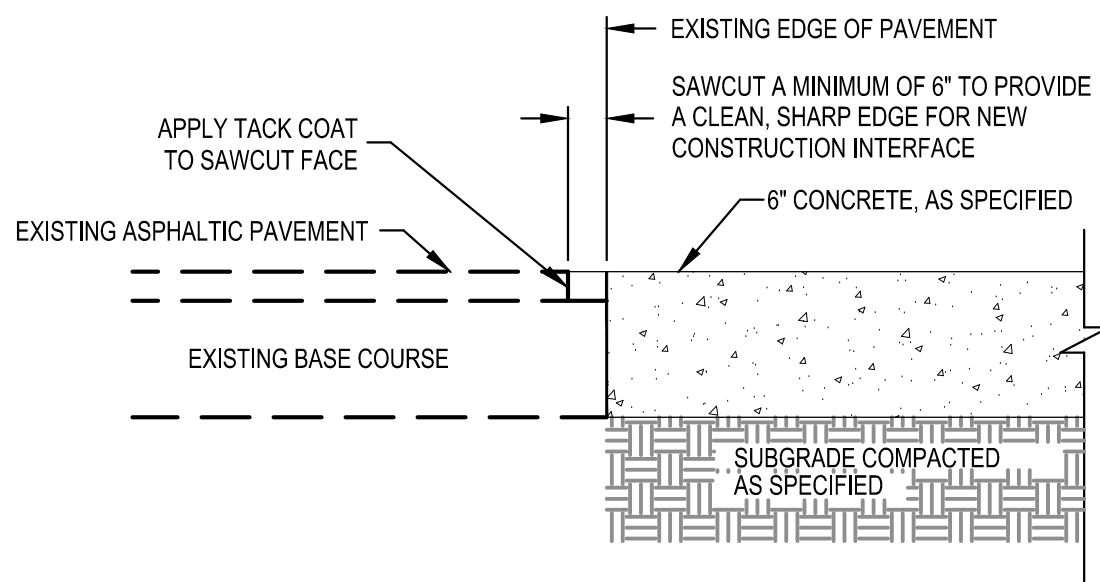
NOT TO SCALE



NOTE:
TRANSITION FROM STANDARD TO SPILL CURB OVER 10' - TYPICAL

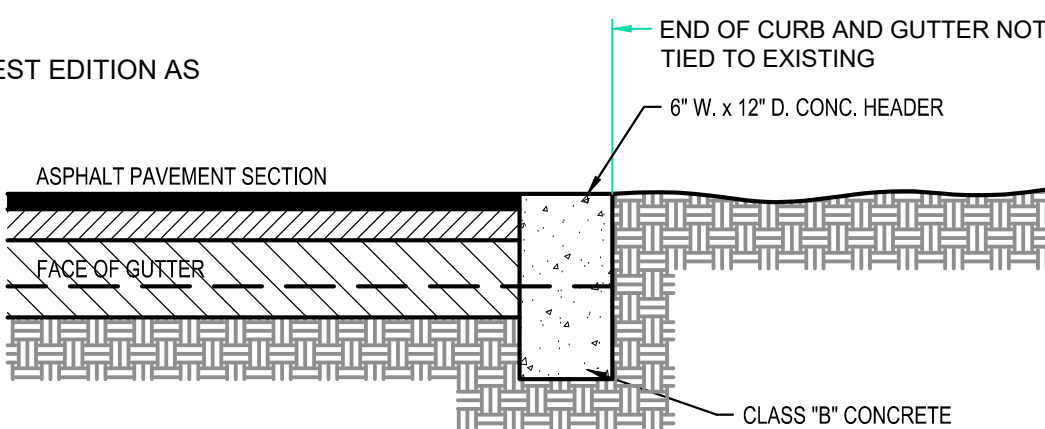
SPILL CURB AND GUTTER

NOT TO SCALE



NEW/EXISTING PAVEMENT INTERFACE

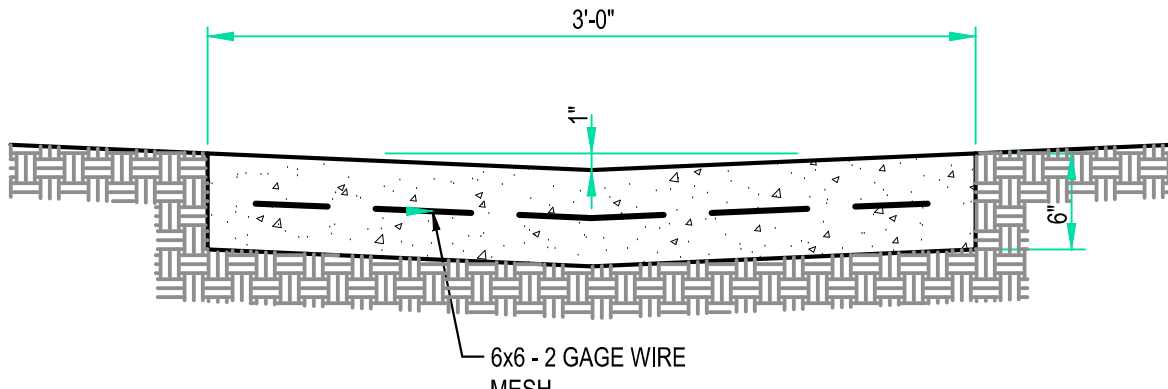
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NOTE: THIS DETAIL TO BE USED IN PLACES WHERE PUBLIC STREETS
ARE DEAD-ENDED. (I.E. FOR FUTURE EXTENSION)

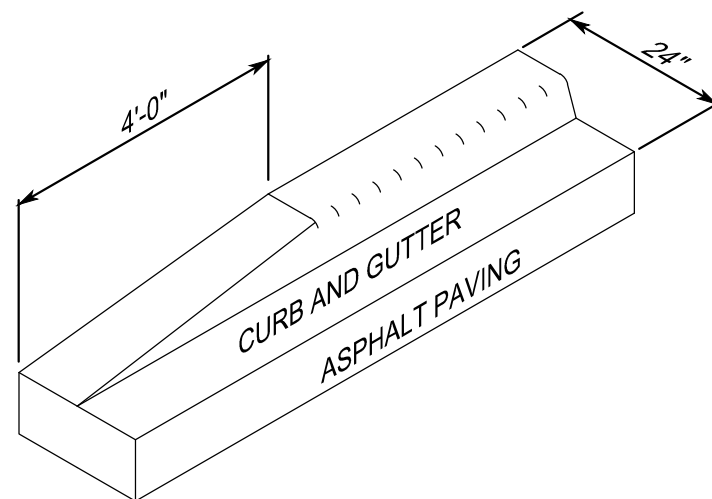
TYPICAL CONCRETE HEADER DETAIL

NOT TO SCALE



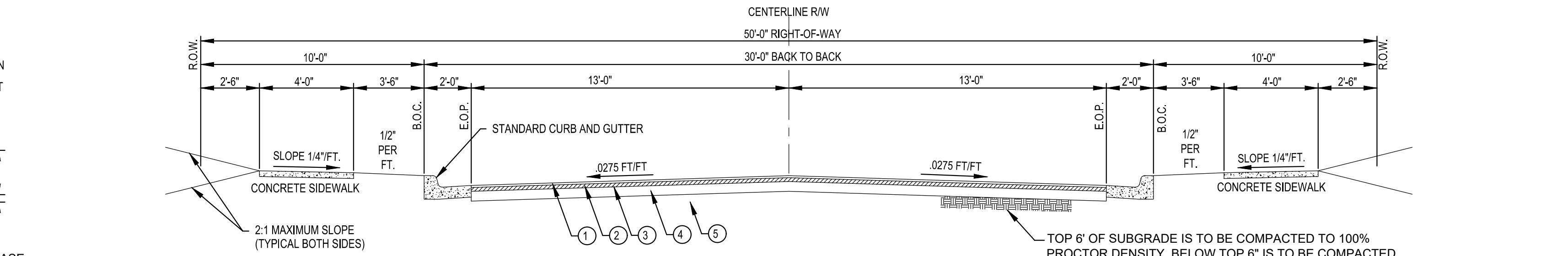
STANDARD VALLEY GUTTER DETAIL

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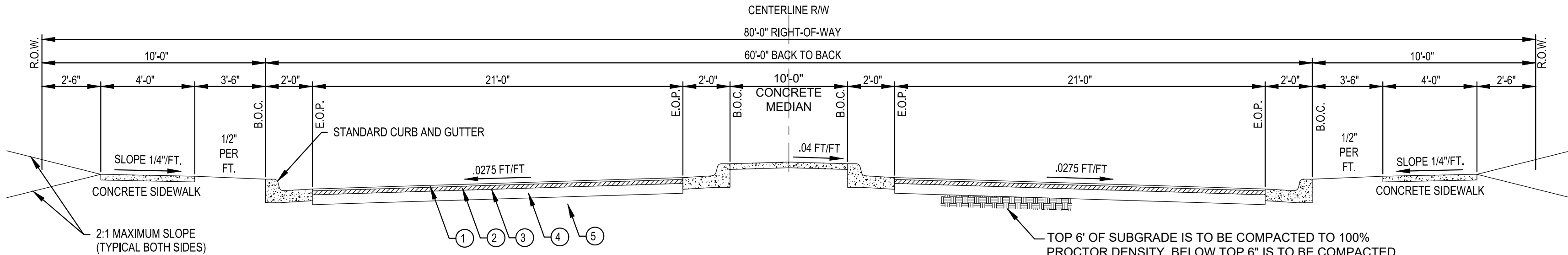
CURB END DETAIL

NOT TO SCALE



TYPICAL 30' STREET SECTION

NOT TO SCALE

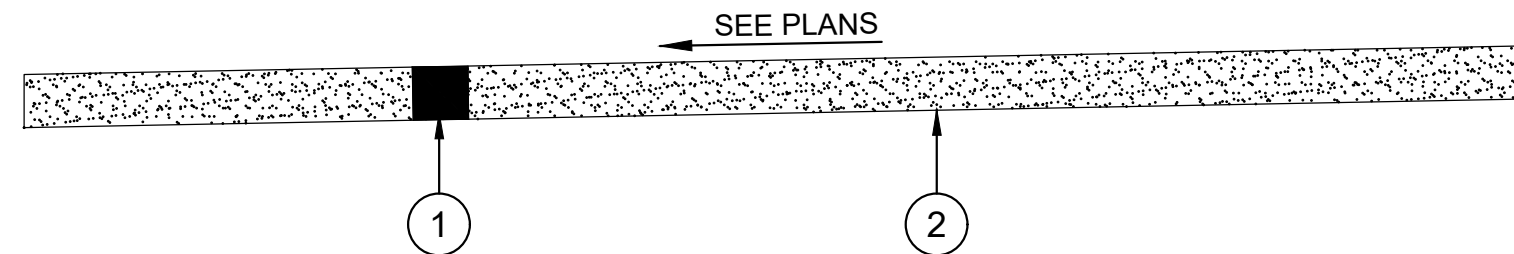


TYPICAL 60' STREET SECTION
WITH CONCRETE MEDIAN

NOT TO SCALE

LEGEND

- 1 424-A 1.5" SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE, 3/8" MAX. AGGREGATE SIZE MIX, ESAL RANGE A/B
- 2 424-B 2" SUPERPAVE BITUMINOUS CONCRETE BINDER LAYER, 1" MAX. AGGREGATE SIZE MIX, ESAL RANGE A/B
- 3 0.10 GAL./S.Y. EMULSIFIED ASPHALT OR 0.07 GAL./S.Y. TACK COAT. ALL MATERIALS ARE TO BE IN ACCORDANCE WITH SECTION 405 OF THE ALA. HIGHWAY DEPT. SPECIFICATIONS.
- 4 5" LAYER OF DENSE GRADED AGGREGATE BASE COURSE, ALL MATERIALS SHALL BE IN ACCORDANCE WITH SECTION 825, TYPE "B", COMPACTION TO 100% PROCTOR DENSITY.
- 5 TOP 1'-0" OF SUBGRADE SHALL BE COMPACTED TO 100% STD. PROCTOR DENSITY PER THE GEOTECH REPORT.

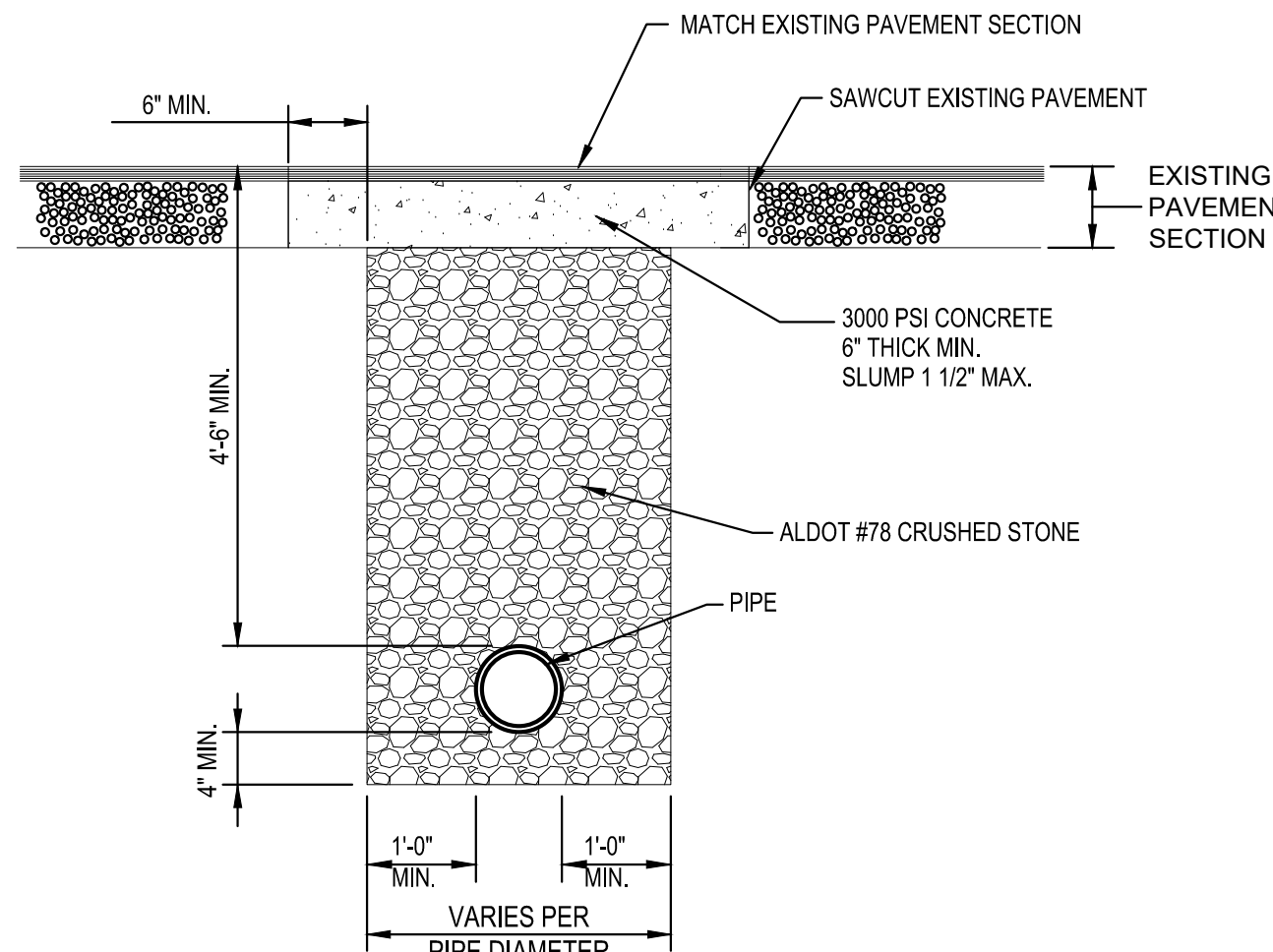


TEMPORARY TURNAROUND
SECTION

NOT TO SCALE

LEGEND

- 1 6" LAYER OF DENSE GRADED AGGREGATE BASE COURSE, ALL MATERIALS SHALL BE IN ACCORDANCE WITH SECTION 825, TYPE "B", COMPACTION TO 100% PROCTOR DENSITY.
- 2 TOP 1'-0" OF SUBGRADE SHALL BE COMPACTED TO 100% STD. PROCTOR DENSITY PER THE GEOTECH REPORT.



STREET REPAIR DETAIL

NOT TO SCALE

SKETCH PLAT

MADISON HEIGHTS SUBDIVISION

CITY OF MADISON, ALABAMA
SECTION 3, TOWNSHIP 4 SOUTH, RANGE 3 WEST



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NOTE: THIS DRAWING IS NOT VALID
UNLESS SIGNED AND SEALED

2 OF 2