

**GENERAL SITE UTILITY CONSTRUCTION NOTES:**

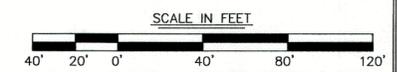
1. FINISH CONTOURS AND GRADES SHOWN ARE FOR FINISHED SURFACES. ALLOWANCES SHALL BE MADE FOR PAVEMENTS, SLABS, TOPSOIL, SOD, ETC. UNIFORM PLANES AND SURFACES SHALL BE SHAPED BETWEEN FINISHED SPOT ELEVATIONS AND/OR FINISH CONTOURS SHOWN. MINIMUM PAVEMENT SLOPES SHALL BE 1%, MINIMUM FINISH SLOPES ON GRASS OR SOD SURFACES SHALL BE 1%, MINIMUM LONGITUDINAL CONCRETE CURB & GUTTER SLOPE SHALL BE 0.6%, SPILLOUT CURB SHALL BE USED ON THE HIGH SIDE OF PAVEMENT AND AT DISCHARGE POINTS.
2. THE CONTRACTOR SHALL CONTROL EROSION ON THE SITE. ALL SLOPES SHALL BE FERTILIZED, SEEDED AND MULCHED (OR LANDSCAPED) AS SOON AS POSSIBLE. THE CONTRACTOR SHALL FILE A NOTICE OF INTENT WITH THE ARKANSAS DP&E. THE SITE SHALL BE GRADED TO MAINTAIN POSITIVE DRAINAGE DURING CONSTRUCTION, WATER SHALL NOT BE ALLOWED TO POND.
3. ALL AREAS TO BE CUT OR FILLED SHALL BE CLEARED AND GRUBBED. THE MAXIMUM FILL SLOPE SHALL BE 3:1. ALL FILLS SHALL BE MADE IN 8" LIFTS AND COMPACTED, AT OPTIMUM MOISTURE CONTENT TO 95% OF MODIFIED PROCTOR DENSITY (ASTM D-1557), AS DETERMINED BY IN-PLACE DENSITY TESTS. BORROW AND FILL MATERIAL SHALL BE SELECT CLAY SAND OR SANDY CLAY HAVING A LIQUID LIMIT LESS THAN 40 OR OTHER APPROVED FILL. FILL SOILS CLASSIFYING AS SC OR GC ACCORDING TO THE UNIFIED SOILS CLASSIFICATION SYSTEM ARE CONSIDERED SUITABLE. SHALE MATERIAL USED IN FILL SHALL BE COMPACTED AT 3% ABOVE OPTIMUM MOISTURE CONTENT WITH A VIBRATORY SHEEPS FOOT COMPACTOR.
4. THE CONTRACTOR SHALL COORDINATE WITH EACH UTILITY COMPANY PRIOR TO ANY EXCAVATION. ANY DAMAGE TO UTILITY LINES CAUSED BY THE CONTRACTORS OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE. THE CONTRACTOR SHALL VERIFY THE HORIZONTAL AND VERTICAL ALIGNMENT OF EXISTING AND PROPOSED STORM SEWER, SANITARY SEWER AND WATER LINES TO ENSURE THAT THEY ARE INSTALLED WITH ADEQUATE COVER AND CLEARANCE. ALL ROUGH GRADING SHALL BE COMPLETE BEFORE INSTALLATION OF STORM SEWER, SANITARY SEWER AND APPURTENANCES, WATER MAINS, SERVICES AND APPURTENANCES. ALL UTILITY TRENCHES SHALL BE BACKFILLED AND COMPACTED WITH SELECT MATERIAL AS SPECIFIED IN NOTE #3 ABOVE.
5. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS, CODES AND ORDINANCES GOVERNING WORK OF THIS TYPE.
6. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS, CODES AND ORDINANCES GOVERNING WORK OF THIS TYPE.
7. THE INSTALLATION OF ALL CULVERT PIPE TO BE IN ACCORDANCE WITH AHTD SPECIFICATIONS.
8. ALL EXISTING IMPROVEMENTS WHICH INTERFERE WITH THE WORK, AND ARE NOT TO BE SAVED SHALL BE REMOVED AND DISPOSED OF. IMPROVEMENTS IN THE RIGHT-OF-WAY WHICH ARE TO REMAIN SHALL BE PROTECTED BY THE CONTRACTOR.
9. ALL REINFORCED CONCRETE PIPE (RCP) SHALL BE CLASS III WITH BELL AND SPIGOT TYPE JOINTS PIPE, MATERIAL AND INSTALLATION SHALL BE IN CONFORMANCE WITH APPLICABLE ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT (AHTD) STANDARD CONSTRUCTION.
10. ALL WATER MAINS AND SEWER MAINS AND THEIR APPURTENANCES, INCLUDING INSTALLATION, SHALL COMPLY WITH THE LATEST CENTRAL ARKANSAS WATER AND LITTLE ROCK RECLAMATION AUTHORITY SPECIFICATIONS. CONNECTIONS SHALL NOT BE MADE TO EXISTING LINES UNTIL NEW CONSTRUCTION HAS BEEN TESTED AND APPROVED BY THE UTILITY COMPANY AND/OR FIELD INSPECTOR.
11. THE CONTRACTORS ATTENTION IS SPECIFICALLY CALLED TO THE LOCATION OF THE EXISTING IMPROVEMENTS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DAMAGING ANY EXISTING IMPROVEMENTS WHICH ARE TO REMAIN. PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR SHALL REVIEW THE PLANS AND SPECIFICATIONS. HE SHALL VISIT THE SITE AND INSPECT THE CONDITION OF THE SITE AND THE ADJACENT IMPROVEMENTS.
12. THE CONTRACTOR SHALL CALL "ONE-CALL" FOR LOCATION OF ALL UTILITIES PRIOR TO COMMENCEMENT OF ANY EXCAVATION.
13. ANY EXCESS EXCAVATED MATERIAL, NOT REQUIRED FOR CONSTRUCTION OF FILLS SHALL BE DISPOSED OF OFFSITE.
14. STOCKPILING OF CONSTRUCTION SPOIL MATERIAL AT PARTICULAR LOCATIONS SHALL ONLY BE ALLOWED FOR A LIMITED TIME PERIOD, NOT TO EXCEED (6) MONTHS, PRIOR TO A FINAL INSPECTION OF THE GRADING PERMIT.

**KEY MAP**

**THE PARKS AT MANN ROAD  
PHASE 2**

AN ADDITION TO THE CITY OF LITTLE ROCK  
PULASKI COUNTY ARKANSAS

**JOE WHITE & ASSOCIATES, INC.**  
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DATE	DESCRIPTION	BY

DATE: 12-22-2021 SCALE: 1" = 40'  
PROJECT NUMBER: 21-313B