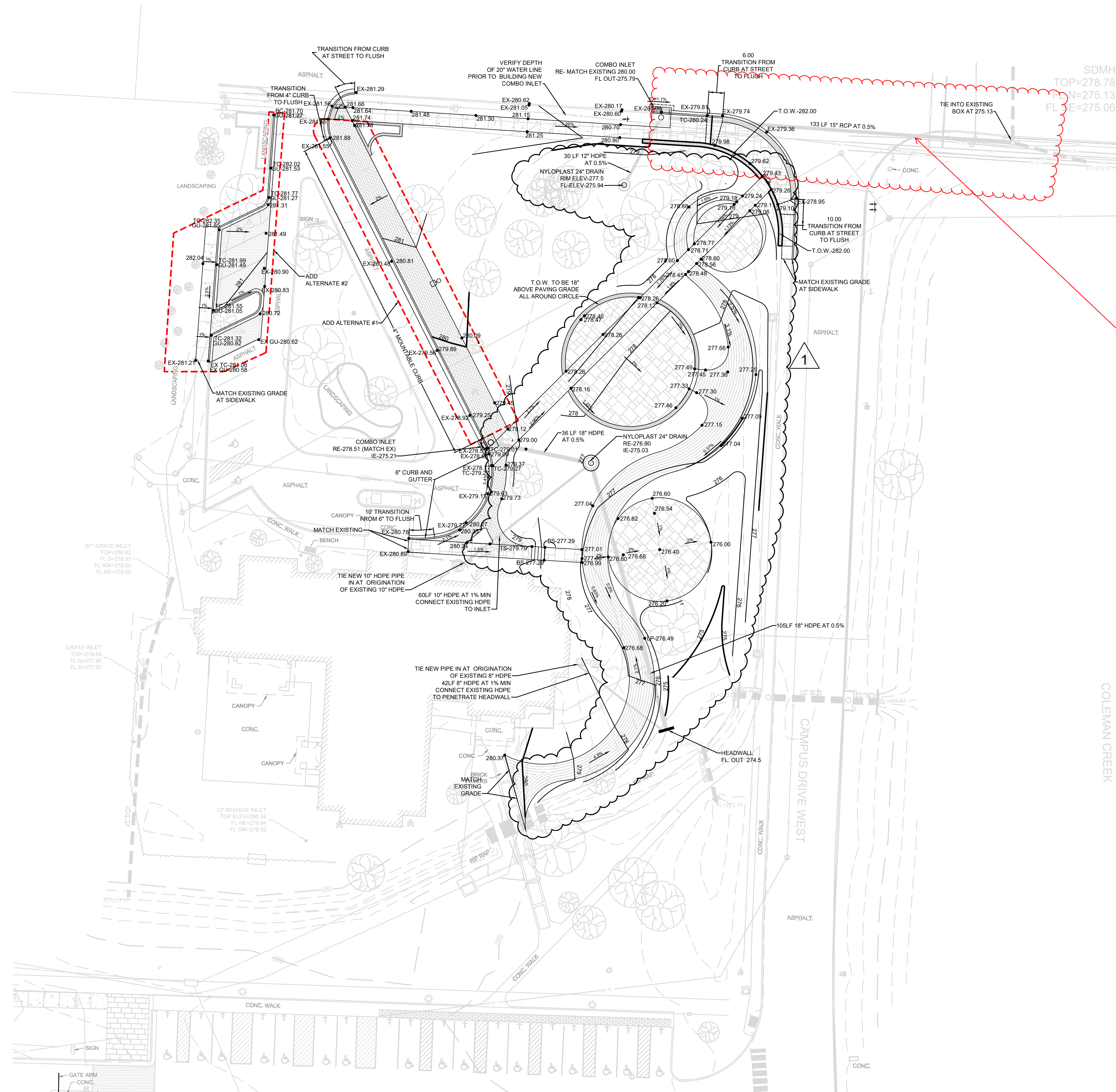


# For Reference Only for Coleman Creek Trail Bidders



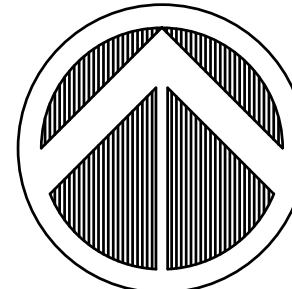
note: drainage pie from this Bailey Center Project will encroach into this site and may be re-routed to cross under the trail. Construction for this project is slated to begin this fall.

- GENERAL NOTES:
- CONTRACTOR SHALL NOTIFY PROJECT ENGINEER PRIOR TO BEGINNING WORK.
  - CONTRACTOR IS RESPONSIBLE FOR APPLICATION PAYMENT & ACQUISITION OF ALL PERMITS NECESSARY FOR THE CONSTRUCTION ACTIVITIES RELATED TO THIS PROJECT.
  - CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES IN ACCORDANCE WITH THE ARKANSAS UNDERGROUND FACILITIES DAMAGE PREVENTION ACT. THIS LAW REQUIRES THAT THE CONTRACTOR MAKE A TELEPHONE CALL TO THE ARKANSAS ONE-CALL SYSTEM AT 1-800-462-4868 AT LEAST FOUR WORKING DAYS PRIOR TO EXCAVATION TO ENSURE THAT ANY EXISTING UTILITIES CAN BE LOCATED.
  - THE LOCATIONS OF EXISTING UTILITIES AS SHOWN HEREON ARE BASED ON ABOVEGROUND STRUCTURES, MARKINGS & RECORD DOCUMENTS. LOCATIONS OF UNDERGROUND UTILITIES MAY VARY SIGNIFICANTLY FROM LOCATIONS SHOWN HEREON. ADDITIONAL BURIED UTILITIES/STRUCTURES MAY BE ENCOUNTERED. THE CONTRACTOR SHALL MARK, LOCATE & MARK UTILITY LINES BEFORE CONSTRUCTION & UNCOVER AS NEEDED.
  - EXISTING UTILITIES TO REMAIN SHALL BE PROTECTED. CONTRACTOR SHALL BEAR ALL RESPONSIBILITY & COST OF REPAIR OR REPLACEMENT OF EXISTING UTILITIES, DAMAGED OR INTERRUPTED AS A RESULT OF THIS CONSTRUCTION PROJECT.
  - CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER & THE OWNER OF ANY DAMAGED OR INTERRUPTED UTILITIES IMMEDIATELY.
  - CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL EXISTING SITE CONDITIONS UNDISTURBED BY CONSTRUCTION ACTIVITIES BACK TO EXISTING OR BETTER CONDITION.
  - ALL SEWER LINES & APPURTENANCES SHALL BE INSTALLED IN ACCORDANCE WITH THE LITTLE ROCK WATER RECLAMATION AUTHORITY STANDARD PIPELINE MATERIALS & CONSTRUCTION SPECIFICATIONS & DETAILS, LATEST EDITION.
  - ALL WATER LINES & APPURTENANCES SHALL BE INSTALLED IN ACCORDANCE WITH CENTRAL ARKANSAS WATER STANDARD PIPELINE MATERIALS & CONSTRUCTION SPECIFICATIONS & DETAILS, LATEST EDITION.
  - EXISTING UTILITIES TO REMAIN ARE TO BE PROTECTED & ADJUSTED TO MATCH PROPOSED GRADE AS NEEDED.
  - ALL AREAS WITHIN THE PARKING LOT ARE TO RECEIVE A GRAVEL BASE TO PROVIDE EROSION CONTROL. IF WORK IS NOT PROGRESSING IN AN ORDERLY MANNER, A RATE OF 15 TONS/ACRE IS TO BE APPLIED WITHIN TWO WEEKS OF FINAL GRADING.
  - ALL AREAS NOT WITHIN THE PARKING LOT ARE TO RECEIVE LOOSE STRAW TO PROVIDE EROSION CONTROL. IF WORK IS NOT PROGRESSING IN AN ORDERLY MANNER, A RATE OF 15 TONS/ACRE IS TO BE APPLIED WITHIN TWO WEEKS OF FINAL GRADING.
  - CONTRACTOR WILL CONTROL & PREVENT OFF-SITE TRACKING OF CONSTRUCTION RUNOFF & SEDIMENT TO ADJACENT PROPERTY & PUBLIC ROADS.
  - CONTRACTOR IS TO INSTALL INLET PROTECTION & GENERAL EROSION CONTROL MEASURES TO PROTECT EXISTING STORM DRAINAGE SYSTEMS.
  - CONTRACTOR TO CONFORM TO ALL CONSTRUCTION STORM WATER & EROSION CONTROL PERMITTING REQUIREMENTS BY EPA PHASE II STORM WATER REGULATION AS ADMINISTERED BY THE ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY (ADEQ). WHERE PERMITTING IS REQUIRED, A COPY OF THE NOTICE OF INTENT SHALL BE PROVIDED TO THE LOCAL MUNICIPAL AUTHORITY.
  - CONTRACTOR TO CONSTRUCT ALL ACCESS RAMPS & PAVING TO CITY OF LITTLE ROCK &/OR ADA STANDARDS. VERIFY.
  - TREES TO REMAIN ARE TO BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. ELECTRICAL & LIGHTING INFORMATION SHOWN FOR COORDINATION PURPOSES ONLY. SEE MEP SHEETS FOR DETAILS & SPECIFICATIONS.
  - CONTRACTOR SHALL NOTIFY ENGINEERS OF ANY CONSTRUCTION CONFLICTS THAT BECOME APPARENT & REVIEW INSTRUCTIONS &/OR PLAN REVISIONS PRIOR TO MAKING ANY CHANGES.

## GRADING LEGEND

+ 212.00	PROPOSED ELEVATION
+ HP 212.50	PROPOSED HIGH POINT
+ EX 212.50	EXISTING ELEVATION
+ TS 212.50	PROPOSED TOP OF STEP ELEVATION
+ BS 212.50	PROPOSED BOTTOM OF STEP ELEVATION
+ LP 212.50	PROPOSED LOW POINT
- 600 -	EXISTING CONTOUR
- 600 -	PROPOSED CONTOUR
- - -	STORM PIPE
○	STORM STRUCTURE
2%	DIRECTION & PERCENT SLOPE
+ TW 212.50	PROPOSED TOP OF WALL ELEVATION
+ BW 212.50	PROPOSED BOTTOM OF WALL ELEVATION
+ TC 212.50	PROPOSED TOP OF CURB
+ BC 212.50	PROPOSED BOTTOM OF CURB

- GRADING PLAN NOTES:
- ALL DISTURBED AREAS ARE TO RECEIVE A MINIMUM OF 4-INCHES OF TOPSOIL MIXED WITH 2-INCHES OF COMPOST FOR A TOTAL OF 6-INCHES, AND SOD OR SEED. THESE AREAS SHALL BE WATERED BY THE CONTRACTOR UNTIL THE SOD OR SEED IS GROWING IN A HEALTHY MANNER. SEE LANDSCAPE PLAN FOR MORE INFORMATION.
  - THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASE OF THE PROJECT. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY DAMAGES TO ADJACENT PROPERTIES OCCURRING DURING THE CONSTRUCTION PHASE OF THE PROJECT.
  - THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING TRAFFIC CONTROL DEVICES SUCH AS BARRICADES, WARNING SIGNS, DIRECTIONAL SIGNS, FLAGMEN AND LIGHTS TO CONTROL THE MOVEMENT OF TRAFFIC WHERE NECESSARY. PLACEMENT OF THESE DEVICES SHALL BE APPROVED BY THE OWNER PRIOR TO PLACEMENT.
  - IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS ON THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING THE PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
  - CONSTRUCTION REVIEW, INSPECTION, AND OBSERVATION OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED AS A REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES IN, OR NEAR THE CONSTRUCTION SITE.
  - THE CONTRACTOR SHALL BE REQUIRED TO OBTAIN ALL PERMITS FROM AUTHORITIES AND REGULATORY AGENCIES HAVING JURISDICTION OVER THIS SITE, AS REQUIRED, PRIOR TO BEGINNING WORK.
  - BEFORE BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL COMPLY WITH THE EROSION CONTROL PLAN AND/OR PERMIT.
  - THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES AND TOPOGRAPHIC FEATURES PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR VARIATIONS FROM THE PLANS.
  - TRAFFIC: MINIMIZE INTERFERENCE WITH ADJOINING ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED OR USED FACILITIES DURING EARTH MOVING OPERATIONS.
    - DO NOT CLOSE OR OBSTRUCT STREETS, WALKS, OR OTHER ADJACENT OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM OWNER AND AUTHORITIES HAVING JURISDICTION.
    - PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS IF REQUIRED BY OWNER OR AUTHORITIES HAVING JURISDICTION.
  - DO NOT CONDUCT WORK ON ADJOINING PROPERTY UNLESS DIRECTED BY ENGINEER.
  - DO NOT COMMENCE EARTH-MOVING OPERATIONS UNTIL TEMPORARY EROSION- AND SEDIMENTATION-CONTROL MEASURES ARE IN PLACE.
  - INSTALL DETECTABLE WARNING TAPE ABOVE CONSTRUCTED UTILITIES. DETECTABLE WARNING TAPE IS DEFINED AS: ACID- AND ALKALI-RESISTANT, POLYETHYLENE FILM WARNING TAPE MANUFACTURED FOR MARKING AND IDENTIFYING UNDERGROUND UTILITIES. A MINIMUM OF 6 INCHES WIDE AND 4 MILS THICK, CONTINUOUSLY INSCRIBED WITH A DESCRIPTION OF THE UTILITY, WITH METALLIC CORE ENCASED IN A PROTECTIVE JACKET FOR CORROSION PROTECTION, DETECTABLE BY METAL DETECTOR WHEN TAPE IS BURIED UP TO 30 INCHES DEEP. COLORED AS FOLLOWS:
    - RED: ELECTRIC.
    - YELLOW: GAS, OIL, STEAM, AND DANGEROUS MATERIALS.
    - ORANGE: TELEPHONE AND OTHER COMMUNICATIONS.
    - BLUE: WATER SYSTEMS.
    - GREEN: SEWER SYSTEMS.
  - PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, AND OTHER FACILITIES FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT, AND OTHER HAZARDS CREATED BY EARTH MOVING OPERATIONS.
  - PROTECT AND MAINTAIN EROSION AND SEDIMENTATION CONTROLS DURING EARTH MOVING OPERATIONS.
  - PROTECT SUBGRADES AND FOUNDATION SOILS FROM FREEZING TEMPERATURES AND FROST. REMOVE TEMPORARY PROTECTION BEFORE PLACING SUBSEQUENT MATERIALS.
  - IF EXCAVATED MATERIALS INTENDED FOR FILL AND BACKFILL INCLUDE UNSATISFACTORY SOIL MATERIALS AND ROCK, REPLACE WITH SATISFACTORY SOIL MATERIALS.
  - EXCAVATE TO INDICATED ELEVATIONS AND DIMENSIONS WITHIN A TOLERANCE OF PLUS OR MINUS 1 INCH, IF APPLICABLE. EXTEND EXCAVATIONS A SUFFICIENT DISTANCE FROM STRUCTURES FOR PLACING AND REMOVING CONCRETE FORMWORK, FOR INSTALLING SERVICES AND OTHER CONSTRUCTION, AND FOR INSPECTIONS.
    - EXCAVATIONS FOR FOOTINGS AND FOUNDATIONS: DO NOT DISTURB BOTTOM OF EXCAVATION. EXCAVATE BY HAND TO FINAL GRADE JUST BEFORE PLACING CONCRETE REINFORCEMENT. TRIM BOTTOMS TO REQUIRED LINES AND GRADES TO LEAVE SOLID BASE TO RECEIVE OTHER WORK.
    - EXCAVATION FOR UNDERGROUND TANKS, BASINS, OR MECHANICAL OR ELECTRICAL UTILITY STRUCTURES: EXCAVATE TO ELEVATIONS AND DIMENSIONS INDICATED WITHIN A TOLERANCE OF PLUS OR MINUS 1 INCH. DO NOT DISTURB BOTTOM OF EXCAVATIONS INTENDED AS BEARING SURFACES.
  - EXCAVATIONS AT EDGES OF TREE- AND PLANT-PROTECTION ZONES:
    - EXCAVATE BY HAND TO INDICATED LINES, CROSS-SECTIONS, ELEVATIONS, AND SUBGRADES. USE NARROW-TINE SPADING FORKS TO COMB SOIL AND EXPOSE ROOTS. DO NOT BREAK, TEAR, OR CHOP EXPOSED ROOTS. DO NOT USE MECHANICAL EQUIPMENT THAT RIPS, TEARS, OR PULLS ROOTS.
  - GENERAL UNIFORMLY GRADE AREAS TO A SMOOTH SURFACE, FREE OF IRREGULAR SURFACE CHANGES. COMPLY WITH COMPACTION REQUIREMENTS AND GRADE TO CROSS-SECTIONS, LINES, AND ELEVATIONS INDICATED.
    - PROVIDE A SMOOTH TRANSITION BETWEEN ADJACENT EXISTING GRADES AND NEW GRADES.
    - CUT OUT SOFT SPOTS, FILL LOW SPOTS, AND TRIM HIGH SPOTS TO COMPLY WITH REQUIRED SURFACE TOLERANCES.
  - SITE ROUGH GRADING: SLOPE GRADES TO DIRECT WATER AWAY FROM BUILDINGS AND TO PREVENT PONDING.



20 10 0 20 40  
SCALE

INCORPORATED

CONSULTANTS

DEVELOPMENT

UNIVERSITY OF ARKANSAS AT LITTLE ROCK - THE BAILEY CENTER ALUMNI PATIO

LITTLE ROCK, ARKANSAS

GRADING PLAN

SHEET NO. 22-124

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