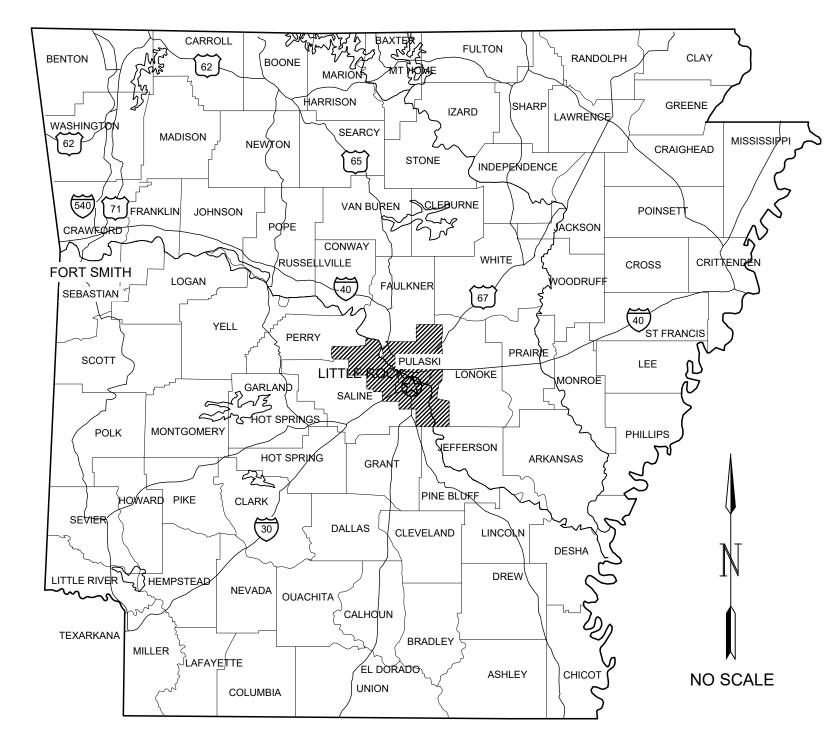
NORTH LITTLE ROCK ELECTRIC DEPARTMENT CITY OF NORTH LITTLE ROCK, AR.

CANOPIES SITE PLAN NORTH LITTLE ROCK AIRPORT NORTH LITTLE ROCK, ARKANSAS

SHEET LIST TABLE						
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ARKANSAS STATE MAP

GARVER PROJECT NO.: 2302643
NLRE WORK ORDER NO.: 2024-01
ISSUE DATE: JUNE 2024

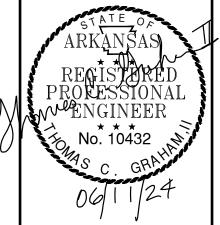






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DESCRIPTION				
DATE				
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NORTH LITTLE ROCK ELECTRIC
NORTH LITTLE ROCK AIRPORT
NORTH LITTLE ROCK, ARKANSAS 72118

COVER SHEET

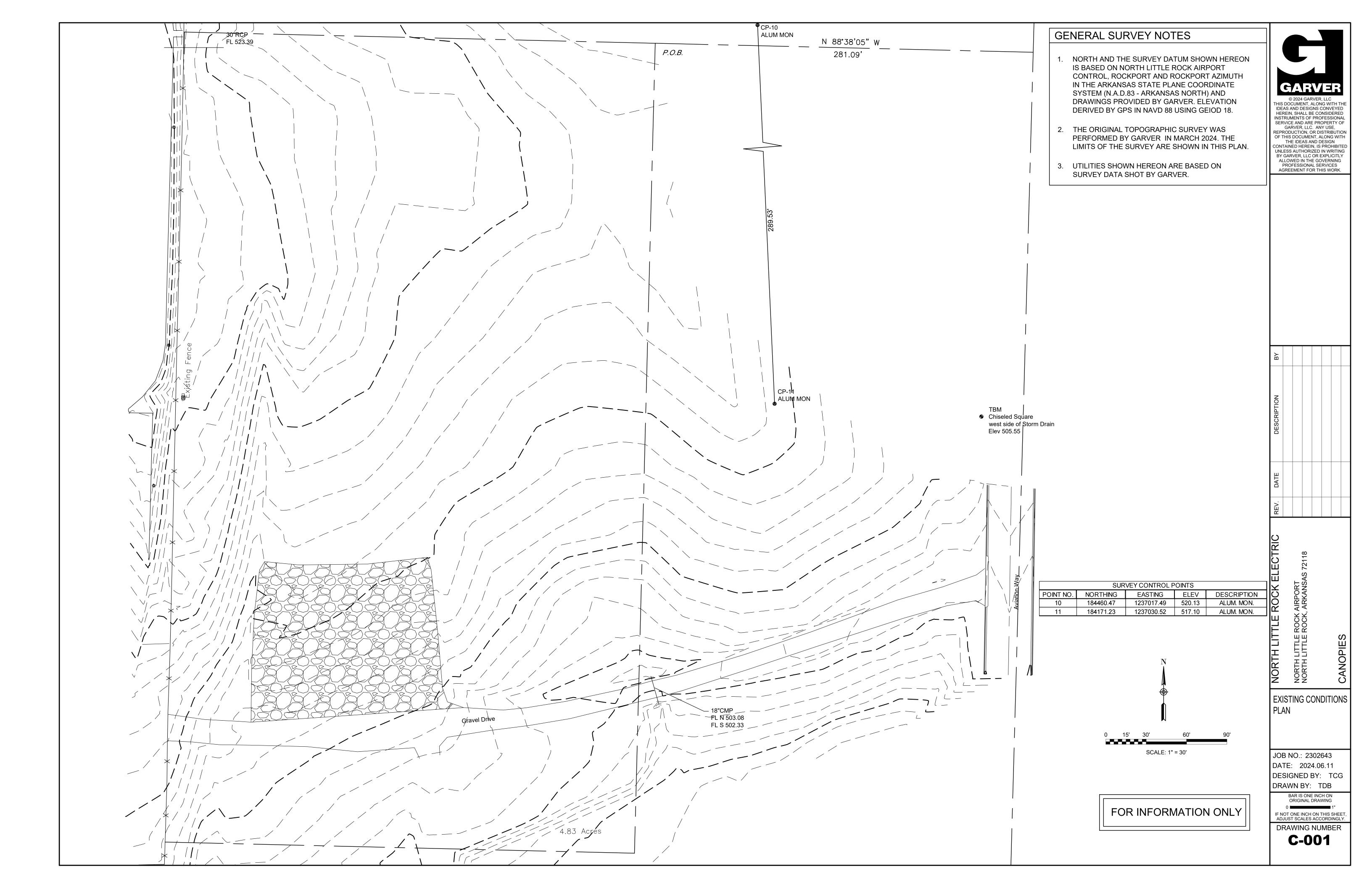
JOB NO.: 2302643
DATE: 2024.06.11
DESIGNED BY: TC
DRAWN BY: TDB
BAR IS ONE INCH ON

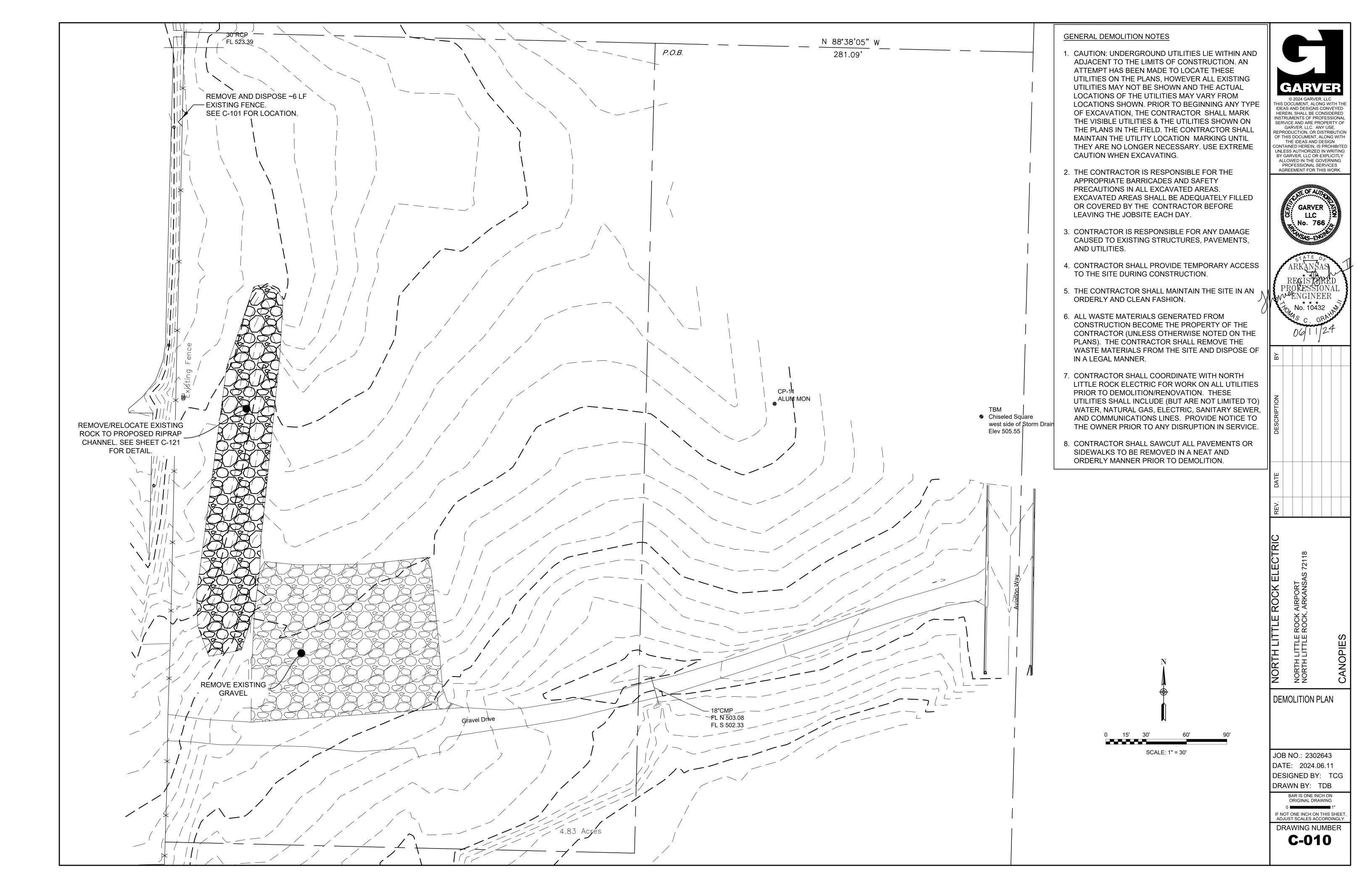
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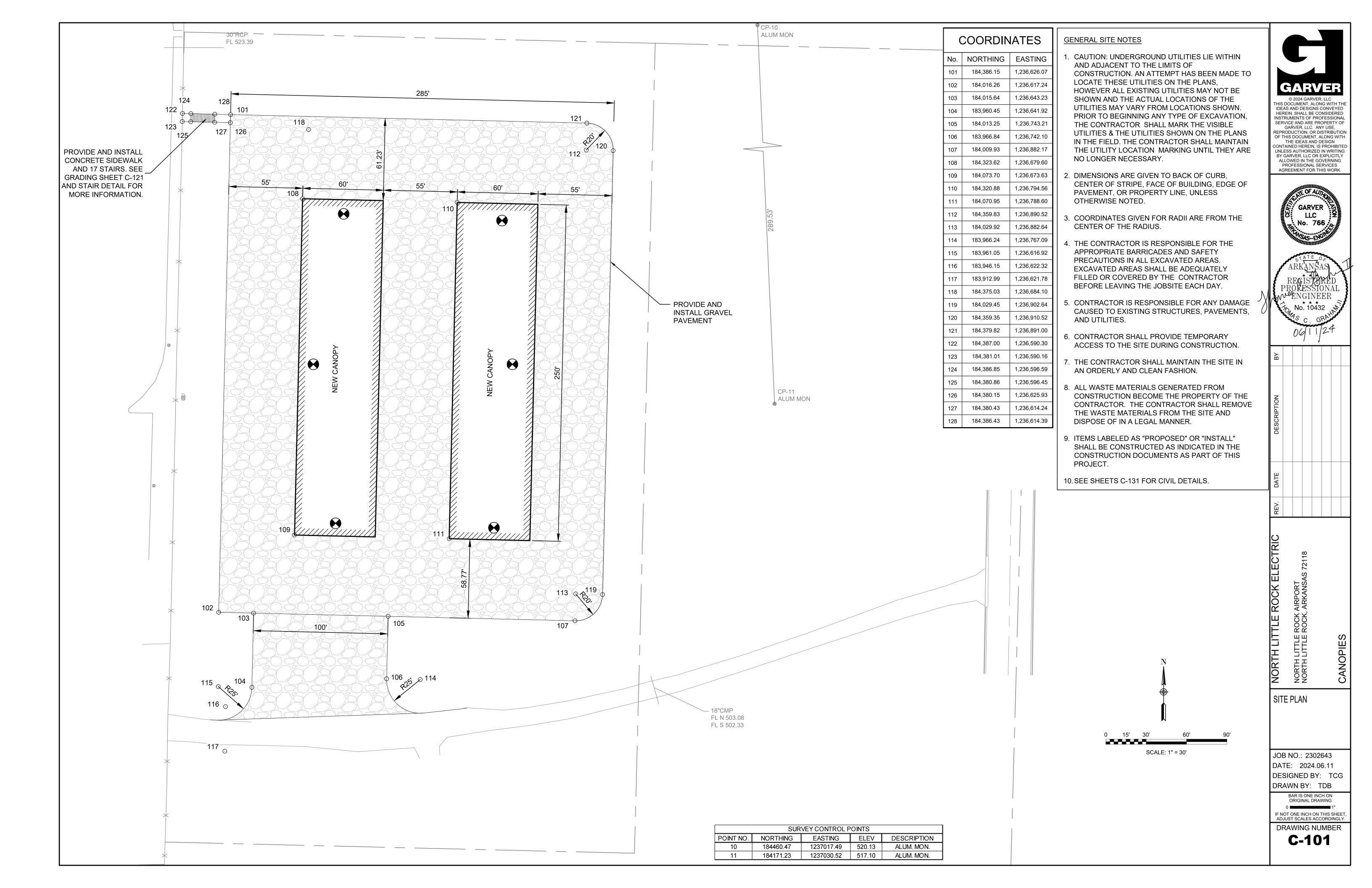
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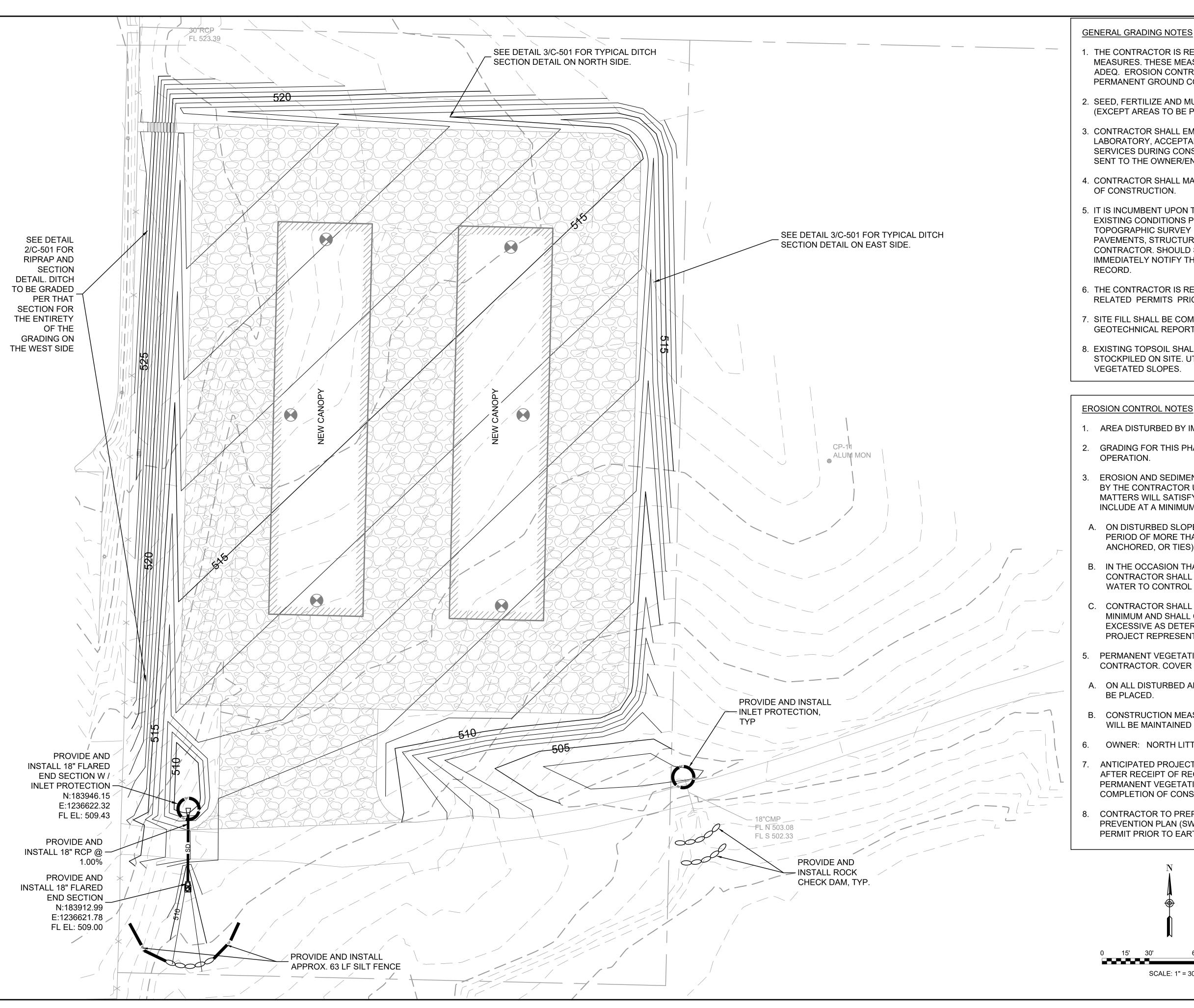
DRAWING NUMBER

G-001





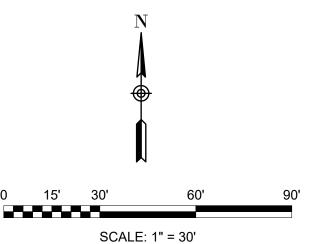




GENERAL GRADING NOTES

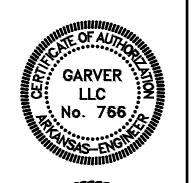
- THE CONTRACTOR IS RESPONSIBLE FOR ADEQUATE EROSION CONTROL MEASURES. THESE MEASURES WILL SATISFY THE REQUIREMENTS OF ADEQ. EROSION CONTROL DEVICES WILL BE MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
- 2. SEED, FERTILIZE AND MULCH AREAS DISTURBED BY CONSTRUCTION (EXCEPT AREAS TO BE PAVED). USE BERMUDA SEEDING.
- 3. CONTRACTOR SHALL EMPLOY A QUALIFIED MATERIALS TESTING LABORATORY, ACCEPTABLE TO THE ENGINEER, TO PROVIDE TESTING SERVICES DURING CONSTRUCTION. TEST RESULTS SHALL BE PROMPTLY SENT TO THE OWNER/ENGINEER.
- 4. CONTRACTOR SHALL MAINTAIN BENCHMARKS ON SITE UNTIL THE END OF CONSTRUCTION.
- 5. IT IS INCUMBENT UPON THE CONTRACTOR TO FIELD VERIFY THE EXISTING CONDITIONS PRIOR TO BEGINNING CONSTRUCTION. A TOPOGRAPHIC SURVEY INCLUDING UTILITY ROUTES AND TIE-INS, PAVEMENTS, STRUCTURES, AND GRADES SHALL BE CONDUCTED BY THE CONTRACTOR. SHOULD SIGNIFICANT DISCREPANCIES BE FOUND, IMMEDIATELY NOTIFY THE CONTRACTING OFFICER AND ENGINEER OF
- 6. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL GRADING RELATED PERMITS PRIOR TO BEGINNING EARTHWORK.
- 7. SITE FILL SHALL BE COMPLETED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
- 8. EXISTING TOPSOIL SHALL BE STRIPPED TO A MINIMUM OF 6" AND STOCKPILED ON SITE. UTILIZE EXISTING TOPSOIL ON COMPLETED VEGETATED SLOPES.

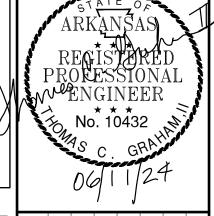
- 1. AREA DISTURBED BY IMPROVEMENTS IS APPROXIMATELY 4.47 ACRES.
- 2. GRADING FOR THIS PHASE WILL BE PERFORMED IN ONE CONTINUOUS
- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED BY THE CONTRACTOR UPON DISTURBANCE OF THE LAND. THESE MATTERS WILL SATISFY THE REQUIREMENTS OF ADEQ AND SHALL INCLUDE AT A MINIMUM:
- A. ON DISTURBED SLOPES LEFT OPEN AND UNMAINTAINED FOR A PERIOD OF MORE THAN TWO (2) WEEKS, COVER WITH HAY (TACKED, ANCHORED, OR TIES) AT THE RATE OF 1.5 TONS PER ACRE.
- B. IN THE OCCASION THAT WIND EROSION BECOMES EVIDENT, THE CONTRACTOR SHALL SPRINKLE THE CONSTRUCTION SITE WITH WATER TO CONTROL DUST.
- C. CONTRACTOR SHALL KEEP VEHICLE TRACKING OF SEDIMENT TO A MINIMUM AND SHALL CLEAR HAUL ROUTES IF TRACKING BECOMES EXCESSIVE AS DETERMINED BY THE LOCAL GOVERNMENT OR PROJECT REPRESENTATIVE.
- 5. PERMANENT VEGETATION COVER WILL BE INSTALLED BY THE CONTRACTOR. COVER WILL BE:
- A. ON ALL DISTURBED AREAS TO BE PAVED, BERMUDA SEEDING SHALL BE PLACED.
- B. CONSTRUCTION MEASURES FOR SEDIMENT AND EROSION CONTROL WILL BE MAINTAINED UNTIL PERMANENT COVER IS ESTABLISHED.
- OWNER: NORTH LITTLE ROCK ELECTRIC
- ANTICIPATED PROJECT SCHEDULE IS FOR CONSTRUCTION TO BEGIN AFTER RECEIPT OF REGULATORY APPROVALS. INSTALLATION OF PERMANENT VEGETATION COVER WILL BEGIN IMMEDIATELY UPON COMPLETION OF CONSTRUCTION ACTIVITIES.
- CONTRACTOR TO PREPARE AND SUBMIT STORM WATER POLLUTION PREVENTION PLAN (SWPPP). SUBMIT SWPPP TO A.D.E.Q. AND OBTAIN PERMIT PRIOR TO EARTH MOVING OPERATIONS.





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ROCK ELECTRIC ORTH LITTLE I ORTH LITTLE I

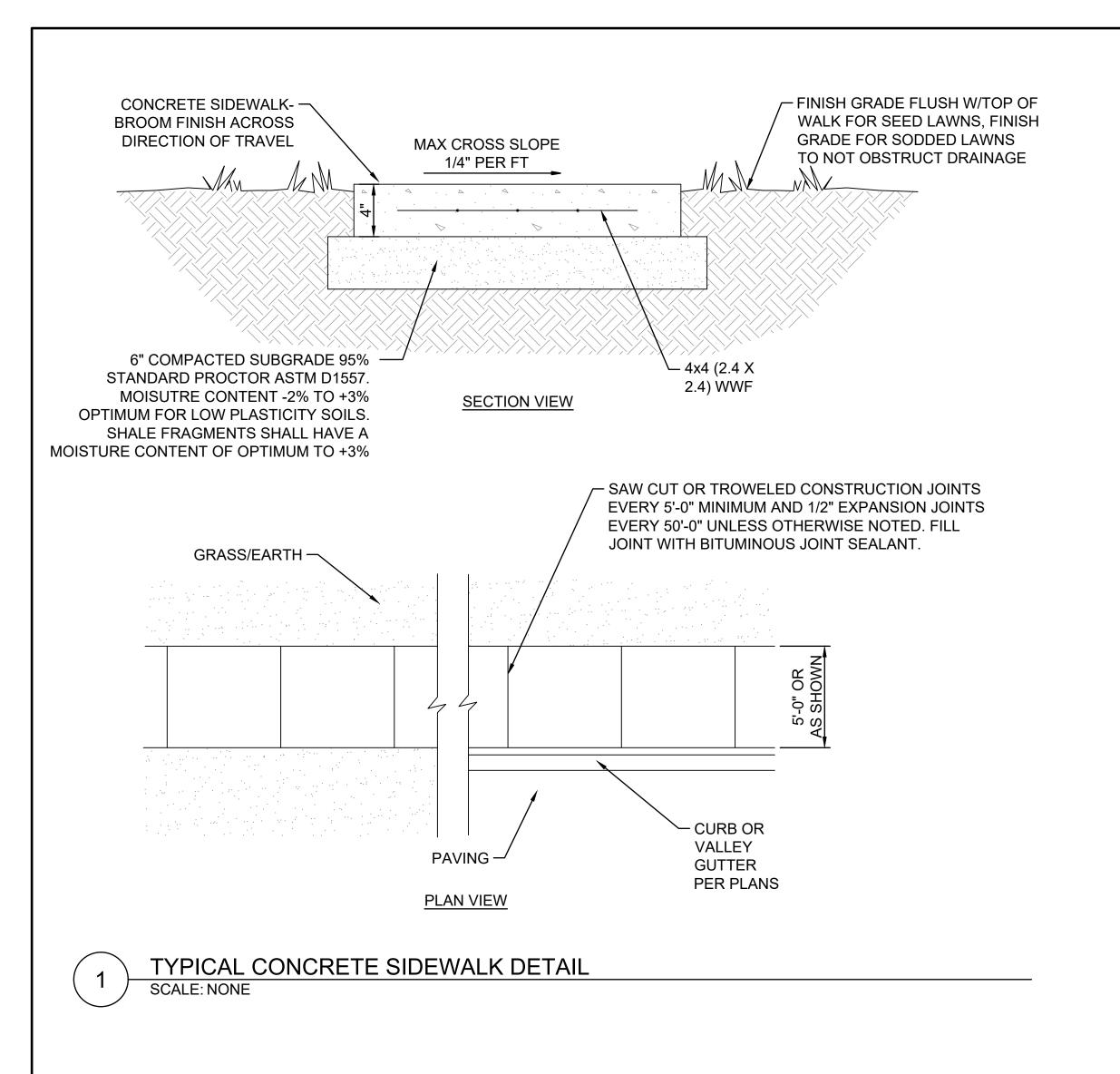
GRADING & EROSION CONTROL PLAN

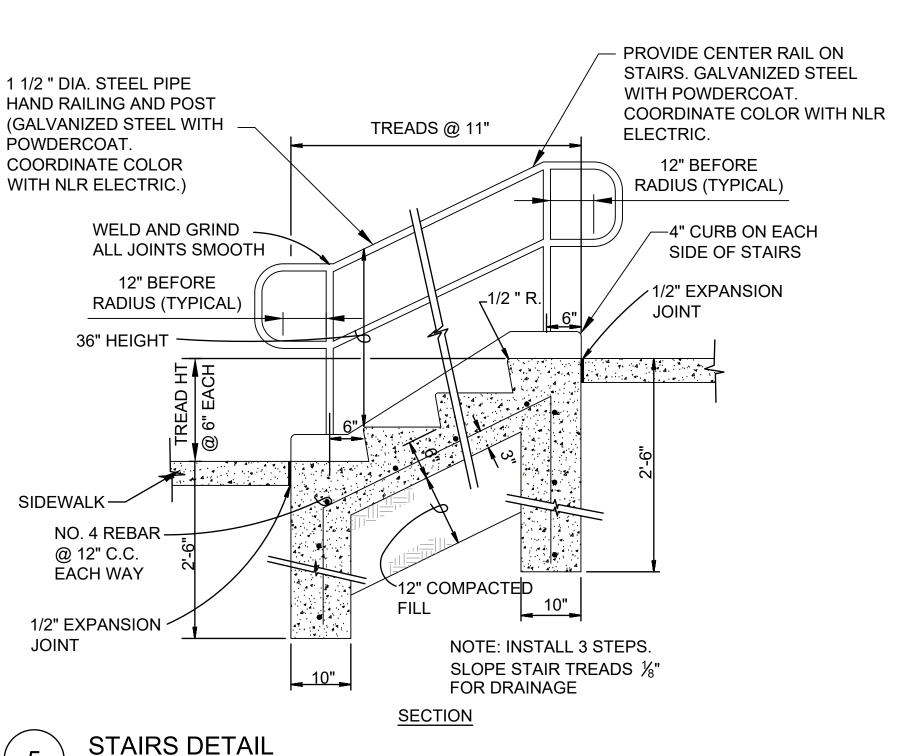
JOB NO.: 2302643 DATE: 2024.06.11 DESIGNED BY: TCG DRAWN BY: TDB

BAR IS ONE INCH ON ORIGINAL DRAWING

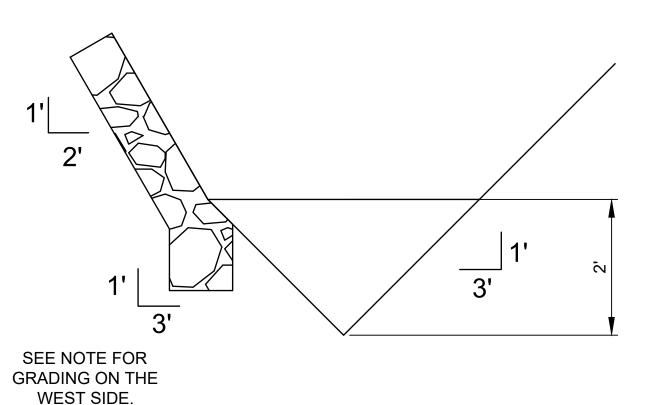
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DRAWING NUMBER C-121



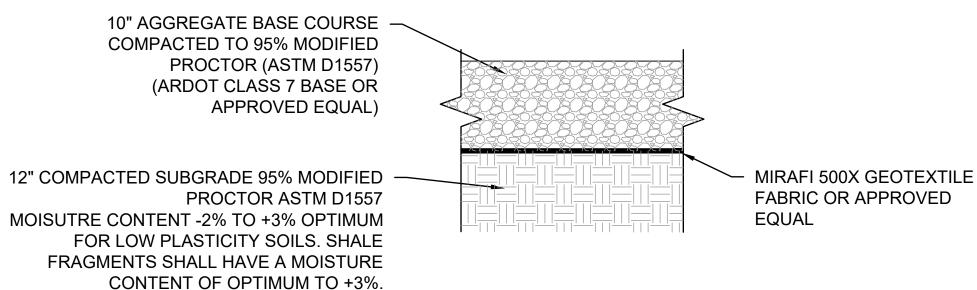


SCALE: NONE

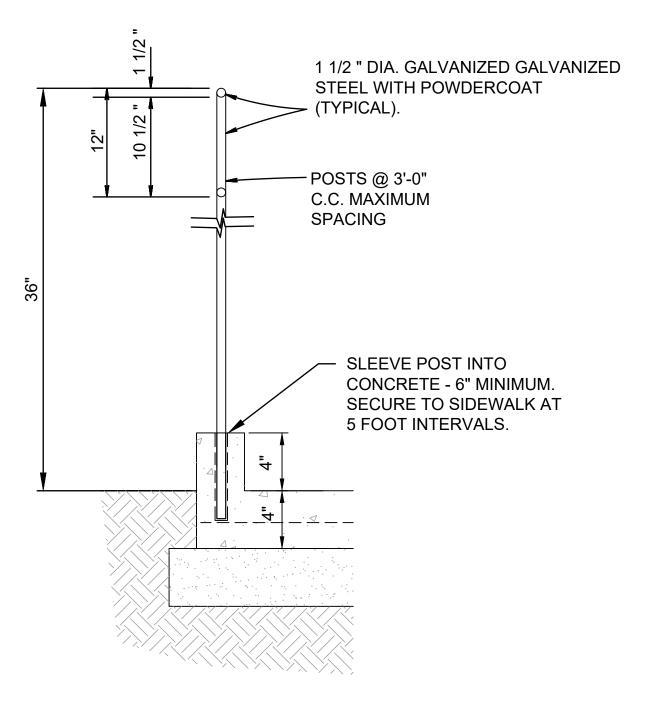


NOTE: DITCH HAS A 3:1 CROSS SLOPE FOR THE BOTTOM 2' OF THE CHANNEL, AND A 2:1 CROSS SLOPE FOR ALL ELEVATIONS OVER 2'. THIS SIDE SHALL HAVE 1' MINIMUM RIPRAP THICKNESS ALONG THE 2:1 SLOPE.

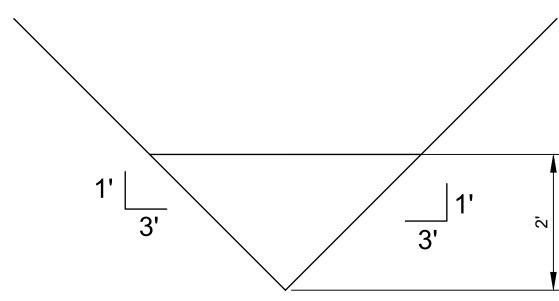




4 TYPICAL GRAVEL PAVEMENT SECTION SCALE: NONE



HANDRAIL DETAIL
SCALE: NONE



SEE NOTE FOR GRADING ON THE WEST SIDE.

NOTE: DITCH HAS A 3:1 CROSS SLOPE FOR THE BOTTOM 2' OF THE CHANNEL, AND A 2:1 CROSS SLOPE FOR ALL ELEVATIONS OVER 2'. THIS SIDE SHALL HAVE 1' MINIMUM RIPRAP THICKNESS ALONG THE 2:1 SLOPE.

3 TYPICAL DITCH SECTION - NORTH AND EAST SCALE: NONE

EARTHWORK NOTES FROM GEOTECHNICAL REPORT

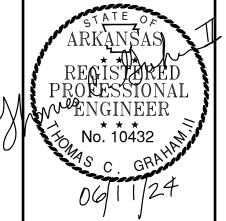
- 1. THE ON-SITE SOILS ARE NOT RECOMMENDED FOR USE AS FILL OR BACKFILL IN PAVEMENT AREAS. THESE SOILS MAY, HOWEVER, BE UTILIZED AS GENERAL FILL IN LANDSCAPE AREAS OUTSIDE OF STRUCTURE AND PAVEMENT SUBGRADE AREAS. THE MOISTURE-SENSITIVE CHARACTERISTICS OF THE ON-SITE SOILS WILL MAKE THESE DIFFICULT TO USE FOR FILL AND BACKFILL.
- 2. IMPORTED BORROW FOR USE AS SELECT FILL OR BACKFILL MAY CONSIST OF AN APPROVED SILTY CLAY/SHALE FRAGMENT BLEND OR LOW-PLASTICITY CLAYEY SAND (SC), SANDY CLAY (CL), OR CLAYEY GRAVEL (GC) WITH A LIQUID LIMIT LESS THAN 40 AND A MAXIMUM PLASTICITY INDEX (PI) OF 18 OR AN APPROVED ALTERNATE. ALL FILL SHOULD BE FREE OF ORGANICS AND DURABLE ROCK FRAGMENTS IN EXCESS OF ABOUT 3-IN. DIMENSION. THE TOP 18 INCHES OF FILL SHOULD HAVE A MAXIMUM PARTICLE DIMENSION LIMITED TO 1.5 INCHES. ALL FILL AND BACKFILL SHOULD BE APPROVED BY THE GEOTECHNICAL ENGINEER.
- 3. FILL, BACKFILL, AND RECOMPACTED SOILS SHOULD BE COMPACTED TO A MINIMUM OF 95 PERCENT OF THE MODIFIED PROCTOR (ASTM D1557) MAXIMUM DRY DENSITY. LOW-PLASTICITY SOILS (CLAYEY SAND, SANDY CLAY, OR CLAYEY GRAVEL) SHOULD BE COMPACTED WITHIN A WATER CONTENT RANGE OF 2 PERCENT BELOW TO 3 PERCENT ABOVE THE OPTIMUM VALUE. SHALE FRAGMENT BLENDS SHOULD BE WATERED AS NECESSARY TO OBTAIN A WATER CONTENT RANGING FROM OPTIMUM TO 3 PERCENT ABOVE OPTIMUM DURING COMPACTION. IF A SILTY CLAY-SHALE FRAGMENT BLEND FILL IS USED, PARTICULAR ATTENTION SHOULD BE GIVEN TO COMPACTION AND PLACEMENT PROCEDURES.
- 4. FILL AND BACKFILL SHOULD BE PLACED IN HORIZONTAL, NOMINAL 6- TO 8-IN.-THICK LOOSE LIFTS. FILLS PLACED AGAINST EXISTING SLOPES SHOULD BE BENCHED INTO THE EXISTING SLOPE FACE AS THE NEW FILL IS CONSTRUCTED. EACH LIFT OF BACKFILL AND FILL SHOULD BE TESTED AND APPROVED PRIOR TO PLACING SUBSEQUENT LIFTS.





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CIVIL DETAILS

JOB NO.: 2302643
DATE: 2024.06.11
DESIGNED BY: TCG
DRAWN BY: TDB

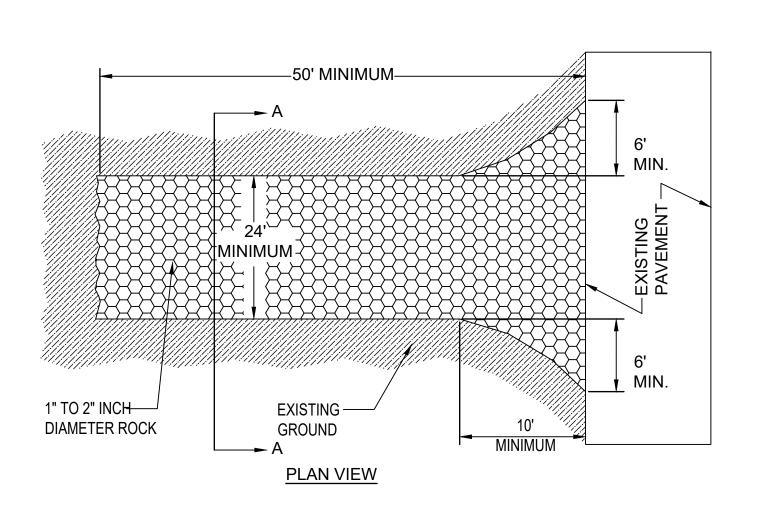
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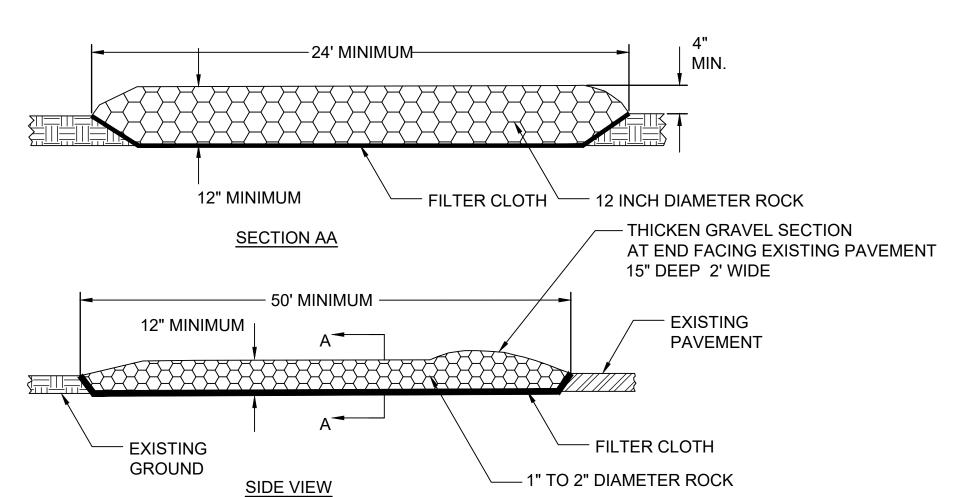
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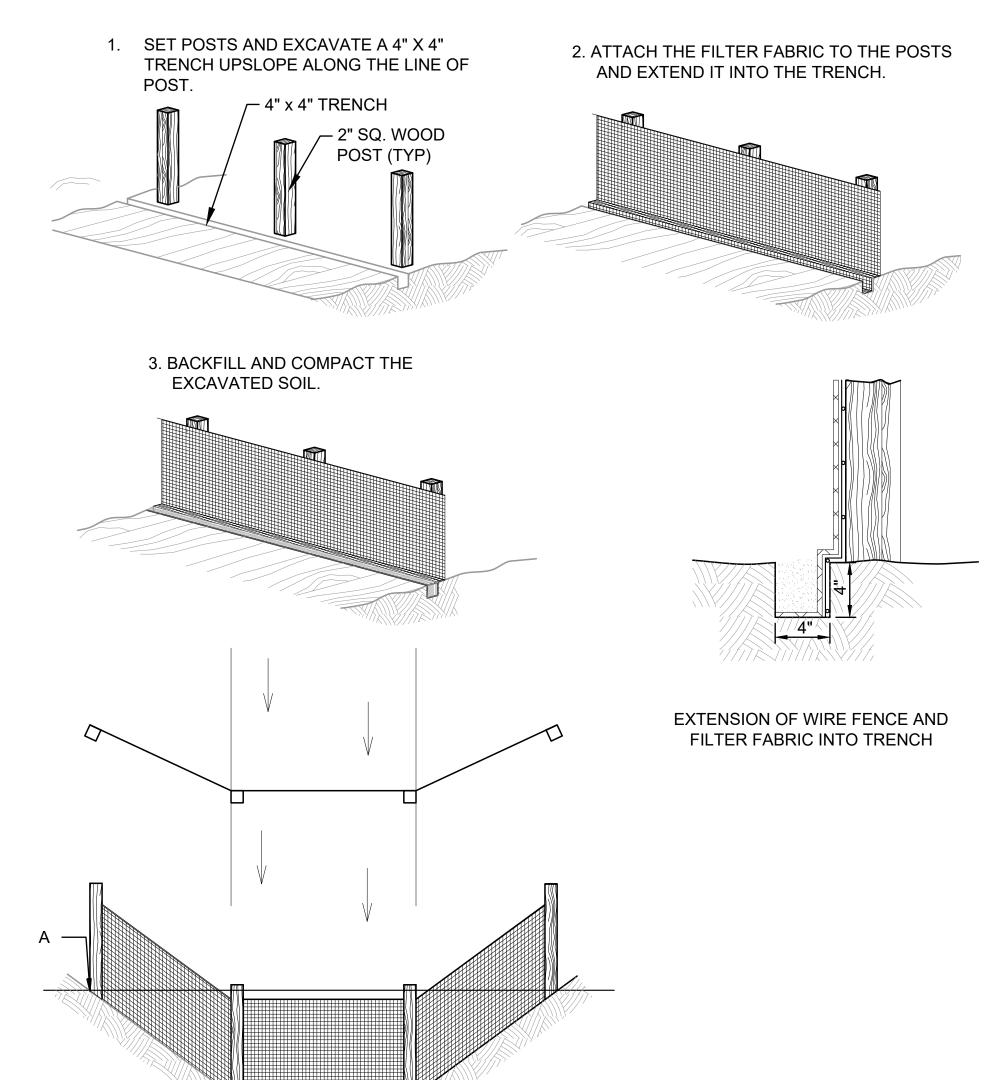
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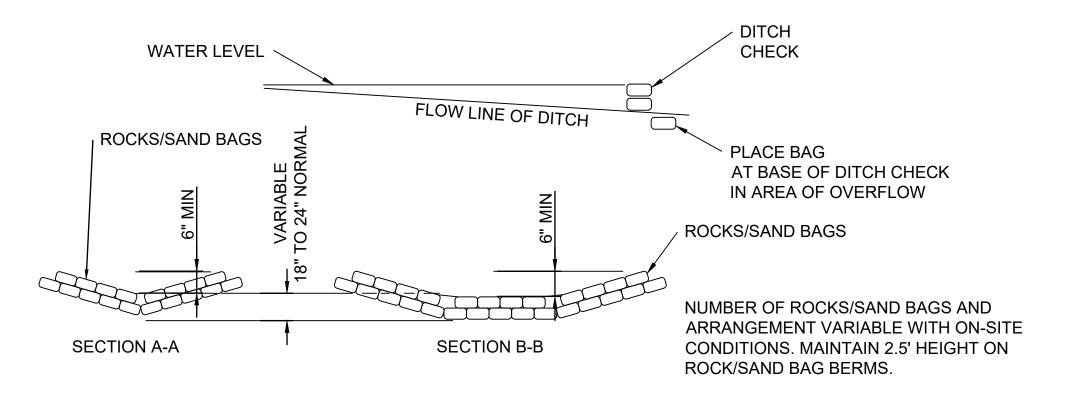


1 STABILIZED ENTRANCE DRIVE SCALE: NONE



NOTE:
POINTS "A" SHOULD BE HIGHER THAN POINT
"B". PROPER PLACEMENT OF A FILTER
BARRIER IN A DRAINAGE WAY





SEDIMENT BARRIER IN DRAINAGE WAY

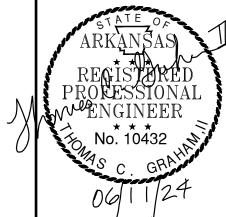
CONTRACTOR SHALL PLACE SEDIMENT BARRIERS AS LOCATED ON PLAN IMMEDIATELY AFTER CONSTRUCTION OF DRAINAGE SWALES. THE DITCH SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED. SEDIMENT SHALL BE REMOVED AND THE BALES RESTORED TO THEIR ORIGINAL DIMENSION WHEN THE SEDIMENT HAS ACCUMULATED TO HALF THE DESIGN DEPTH OF THE TRAP. SEDIMENT REMOVED SHALL BE DEPOSITED IN SUCH A MANNER THAT IT WILL NOT ERODE. SEDIMENT FILTERS SHALL BE REMOVED WHEN ITS DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.





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NORTH LITTLE ROCK AIRPORT
NORTH LITTLE ROCK, ARKANSAS 72118

EROSION CONTROL DETAILS

JOB NO.: 2302643 DATE: 2024.06.11 DESIGNED BY: TCG DRAWN BY: TDB

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