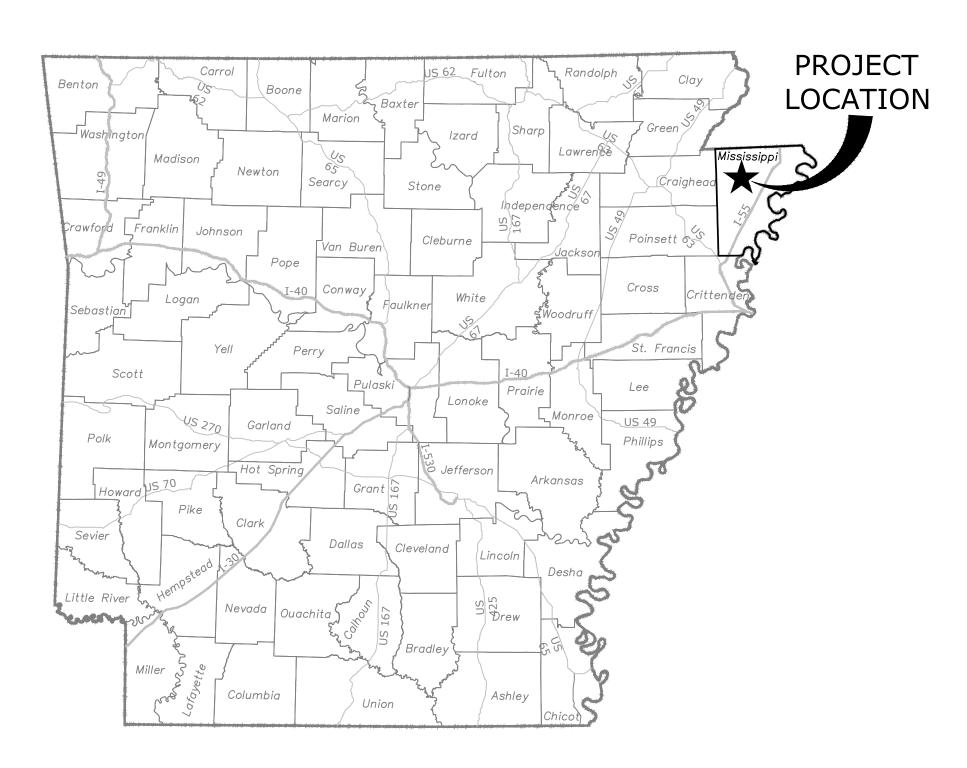
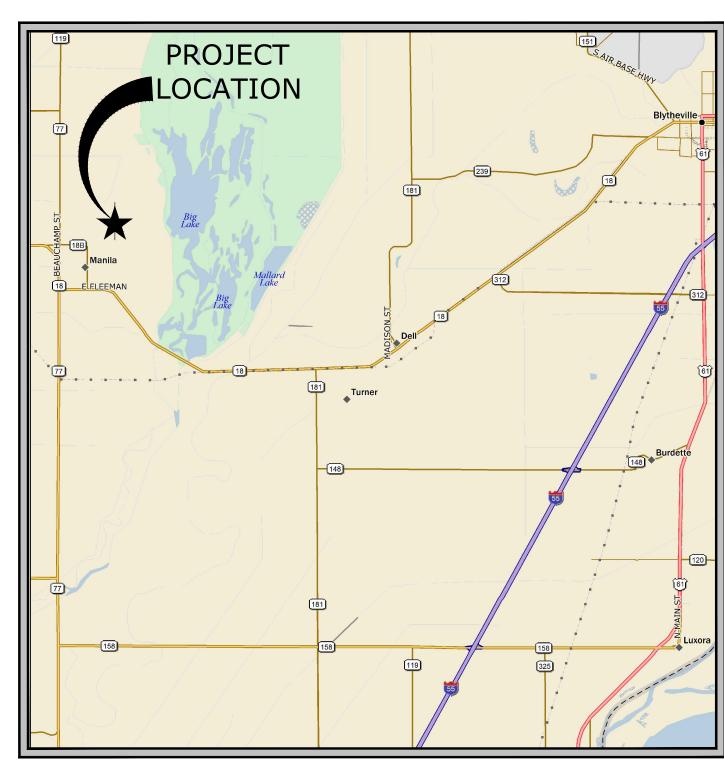
MANILLA MUNICIPAL AIRPORT (MXA) CONSTRUCT HELIPAD

SPONSOR: CITY OF MANILLA, ARKANSAS



LOCATION MAP



VICINITY MAP

APRIL, 2025 MCE PROJECT NUMBER 24-5838

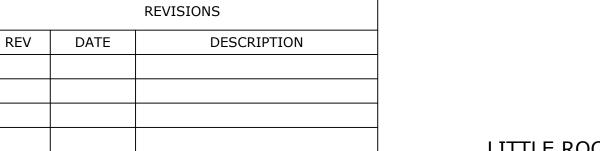
CONSULTING DESIGNED TO SERVE ENGINEERS, INC.

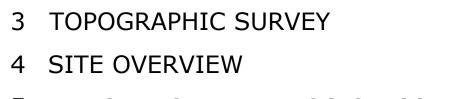
http://www.mce.us.com

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SHEET INDEX

2 CONSTRUCTION SAFETY AND PHASING PLAN - PHASE I

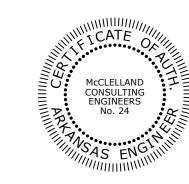
- 5 DEMOLITION AND EROSION CONTROL PLAN
- 6 COORDINATE PLAN

4 SITE OVERVIEW

7 GRADING PLAN

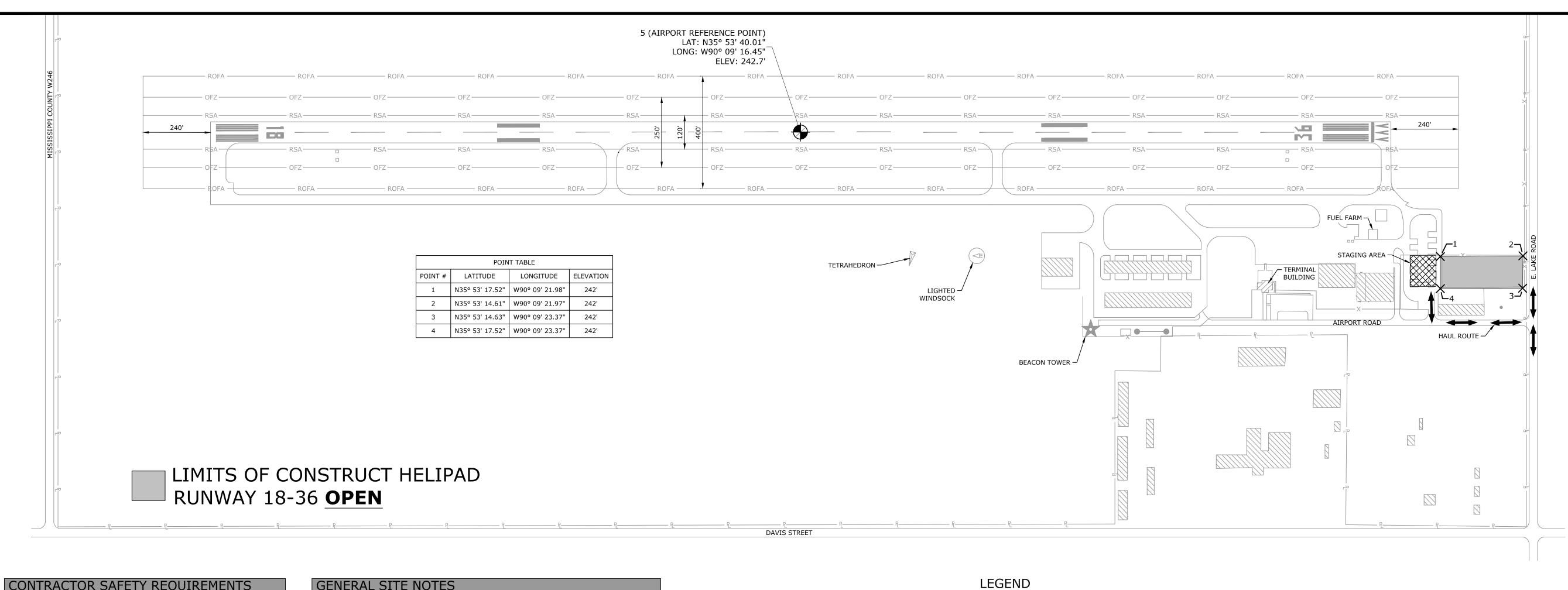
1 COVER

- 8 JOINTING AND ELEVATION PLAN
- 9 MARKING AND LIGHTING PLAN
- 10 MISCELLANEOUS DETAILS I
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ORIGINAL SIGNATURE ON FILE



CONTRACTOR SAFETY REQUIREMENTS

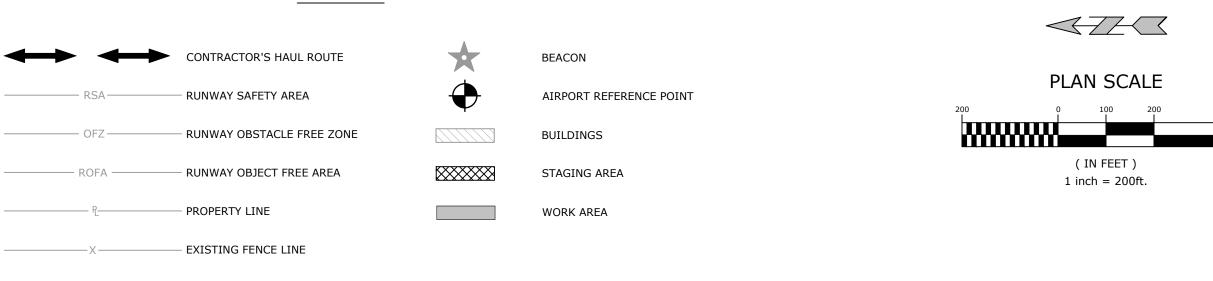
- ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH ADVISORY CIRCULAR 150/5370-2G, "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION. THE ADVISORY CIRCULAR CAN BE FOUND ON THE FAA'S WEBSITE. (WWW.FAA.GOV)
- ALL CHANGES TO THIS SAFETY PLAN MUST BE APPROVED BY ENGINEER, AND FAA
- PRIOR TO CONSTRUCTION, THE OWNER, CONTRACTOR, AND ENGINEER WILL MEET TO REVIEW CONSTRUCTION SAFETY PLAN. FAILURE TO COMPLY WITH THIS CONSTRUCTION SAFETY PLAN WILL RESULT IN IMMEDIATE CORRECTIVE ACTIONS.
- 4. THE RUNWAY MUST BE CLOSED WHILE THE CONTRACTOR IS PRESENT IN THE RUNWAY OBSTACLE FREE ZONE (OFZ). THE OFZ IS 250 FEET WIDE CENTERED ON THE RUNWAY CENTERLINE AND EXTENDS 240 FEET BEYOND EACH END OF THE
- 5. CONTRACTOR SHALL GIVE 48 HOURS NOTICE TO THE AIRPORT MANAGER PRIOR TO COMMENCING CONSTRUCTION SO THAT THE MANAGER CAN ISSUE THE
- CONTRACTOR SHALL VERIFY WITH THE OWNER THAT THE APPROPRIATE NOTAMS ARE IN PLACE PRIOR TO INSTALLING AIRFIELD MARKINGS AND LIGHTED BARRICADES. PERSONNEL AND EQUIPMENT SHALL NOT BE PERMITTED INSIDE THE WORK AREA UNTIL THE NOTAMS HAVE BEEN CONFIRMED TO BE IN PLACE.
- . THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ANY EXISTING FENCES OR GATES IN ORDER TO MAINTAIN A SECURED AREA DURING CONSTRUCTION.
- 8. CONSTANT MONITORING OF AIRCRAFT RADIO COMMUNICATIONS DURING CONSTRUCTION ARE REQUIRED FOR THIS CONTRACT BY THE CONTRACTOR. THE LOCAL AIRPORT COMMON TRAFFIC ADVISORY FREQUENCY IS 122.8.
- 9. CONTRACTOR'S GROUND VEHICLE OPERATIONS SHALL BE IN ACCORDANCE WITH
- 10. ALL CONSTRUCTION EQUIPMENT SHALL BE MARKED WITH 3'x3' ORANGE AND WHITE CHECKER FLAG (DAY ONLY) OR FLASHING LIGHTS OF AMBER, YELLOW OR RED (DAY OR NIGHT) OR ESCORTED BY A VEHICLE SO EQUIPPED.
- 11. ALL EQUIPMENT AND MATERIALS NOT IN USE SHALL BE STORED IN THE STAGING
- 12. RUNWAY, TAXIWAY, & APRON SHALL BE KEPT CLEAR OF ALL DEBRIS & EQUIPMENT. AREAS SHALL BE SWEPT AS REQUIRED.
- 13. CLOSED AIRFIELD MARKINGS SHALL BE INSTALLED AS THE FIRST TASK OF ANY WORK PHASE. CLOSED AIRFIELD MARKING SHALL BE REMOVED AS THE LAST TASK IN ANY WORK PHASE. PAVEMENT SHALL NOT BE REOPENED UNTIL RUNWAY, TAXIWAY, AND AOA PAVEMENT AREAS HAVE BEEN SWEPT CLEAR OF GRAVEL AND
- 14. CONSTRUCTION TRAFFIC SHALL NOT ENTER THE RUNWAY OBSTACLE FREE ZONE DURING CONSTRUCTION.
- 15. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES TO PROTECT EXISTING FACILITIES, WHICH ARE TO REMAIN IN PLACE, FROM DAMAGE. ALL SUCH FACILITIES, STRUCTURES, OR NAVAIDS DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR RECONSTRUCTED, SATISFACTORILY TO THE OWNER, AT THE EXPENSE OF THE CONTRACTOR.
- 16. ANY DAMAGE TO SURROUNDING APRONS, TAXIWAYS, RUNWAYS, OR HAUL ROUTES CAUSED BY CONSTRUCTION EQUIPMENT SHALL BE RESTORED BY THE CONTRACTOR TO ORIGINAL OR BETTER CONDITION, AT NO COST TO THE OWNER.

GENERAL SITE NOTES

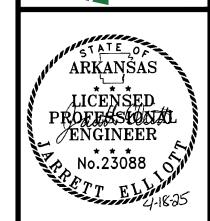
- THE CONTRACTOR SHALL CONDUCT THE WORK IN A MANNER THAT WILL INSURE, AS FAR AS PRACTICABLE, THE LEAST OBSTRUCTION TO GROUND TRAFFIC AND SHALL PROVIDE FOR THE CONVENIENCE AND SAFETY OF THE GENERAL PUBLIC AND AIRPORT USERS AT OR NEAR THE AIRPORT IN AN ADFOLIATE AND SATISFACTORY MANNER IN ACCORDANCE WITH FAA ADVISORY CIRCULAR 150/5370-2G "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION".
- 2. CONTRACTOR SHALL RETAIN A FULL SET OF LATEST APPROVED CONSTRUCTION PLANS ON SITE DURING CONSTRUCTION ACTIVITIES.
- 3. CONSTRUCTION METHODS AND MATERIALS NOT SPECIFIED IN THESE PLANS ARE TO MEET OR EXCEED THE SITE WORK SPECIFICATIONS PROVIDED BY McCLELLAND CONSULTING ENGINEERS, INC. OR AS SPECIFIED BY THE OWNER'S RESIDENT REPRESENTATIVE.
- 4. ALL OSHA REGULATIONS SHALL BE STRICTLY FOLLOWED AND SPECIAL CARE TAKEN TO PREVENT INTERACTION W/ OVERHEAD OR UNDERGROUND POWER SOURCES.
- 5. THE LOCATION OF KNOWN SUBSURFACE STRUCTURES, PIPE, POWER, GAS, PHONE, RUNWAY/TAXIWAY LIGHTING AND CABLES, ETC. ARE SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING INFORMATION AND SATISFYING HIMSELF AS TO THE LOCATION OF THE AFOREMENTIONED ITEMS, SHOWN AND NOT SHOWN. ALL REPAIRS OR RELOCATIONS NECESSARY SHALL BE MADE AS REQUIRED BY THE OWNER OF THE UTILITY OR STRUCTURE. THE COST OF SUCH REPAIRS OR RELOCATIONS NECESSARY SHALL BE BORNE BY THE CONTRACTOR.
- 6. THE CONTRACTOR IS REQUIRED TO NOTIFY THE ONE CALL CENTER AT (800) 482-8998 AT LEAST 48 HOURS PRIOR TO EXCAVATING IN ORDER THAT UNDERGROUND UTILITIES IN THE AREA CAN BE LOCATED. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR COORDINATION WITH THE FAA UTILITIES / FACILITIES MANAGER TO LOCATE ANY UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. ANY REQUIRED FEES AND COSTS ASSOCIATED WITH UTILITY LOCATING SHALL BE BORNE BY THE CONTRACTOR.
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS, LICENSES, ETC. REQUIRED BY ALL LOCAL, STATE, AND FEDERAL AGENCIES.
- 8. ALL PAVEMENTS, LIGHTING SYSTEMS, SIGNS, FACILITIES, DRAINAGE STRUCTURES, FENCES, ETC. THAT ARE DISTURBED SHALL BE RESTORED TO THEIR ORIGINAL OR BETTER CONDITION USING LIKE MATERIALS. COST OF SUCH REPAIRS SHALL BE BORNE BY THE CONTRACTOR UNLESS PROVISIONS FOR PAYMENT ARE MADE IN THE CONTRACT DOCUMENTS.
- 9. UPON NOTIFICATION OF A DECLARED AIRCRAFT EMERGENCY, THE CONTRACTOR SHALL IMMEDIATELY CLEAR THE RUNWAY AND / OR TAXIWAY OF EQUIPMENT AND PERSONNEL.
- 10. ALL CONCRETE SHALL DEVELOP 4,000 PSI COMPRESSIVE STRENGTH IN 28 DAYS UNLESS OTHERWISE
- 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT AND STAKING.
- 12. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND LAYOUT COORDINATES IN THE FIELD. REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER FOR DIRECTION PRIOR TO COMMENCING
- 13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT AND STAKING.
- 14. THE CONTRACTOR SHALL KEEP ALL AOA SURFACES CLEAN AND SWEPT FREE OF DEBRIS. WORK AREAS WILL NOT BE OPENED FOR USE UNTIL THEY HAVE BEEN SWEPT FREE OF ALL TRASH AND DEBRIS.
- 15. CARE SHOULD BE TAKEN TO APPLY PAINT FOR PAVEMENT MARKINGS AT THE PROPER YIELD TO PREVENT DAMAGE TO THE PAVEMENT. APPLICATION RATES SHOULD NOT EXCEED MANUFACTURER'S RECOMMENDATIONS. IF DAMAGE TO THE PAVEMENT OCCURS, CONTRACTOR SHALL REPAIR AT THEIR
- 16. GLASS BEADS ARE TO BE APPLIED TO ALL MARKINGS IN ACCORDANCE WITH THE SPECIFICATIONS (UNLESS OTHERWISE NOTED.)

PHASING NOTES

PHASE I CONSISTS OF ALL WORK NECESSARY TO COMPLETE THIS PROJECT. ALL WORK WILL BE LOCATED OUTSIDE OF RUNWAY 18-36 OFZ; THEREFORE, RUNWAY 18-36 WILL REMAIN OPEN FOR THE DURATION OF PHASE I. PHASE I CONTRACT TIME IS 90 CALENDAR DAYS. LIQUIDATED DAMAGES OF \$350 PER DAY WILL BE ASSESSED FOR EACH DAY PHASE I EXCEEDS CONTRACT TIME.





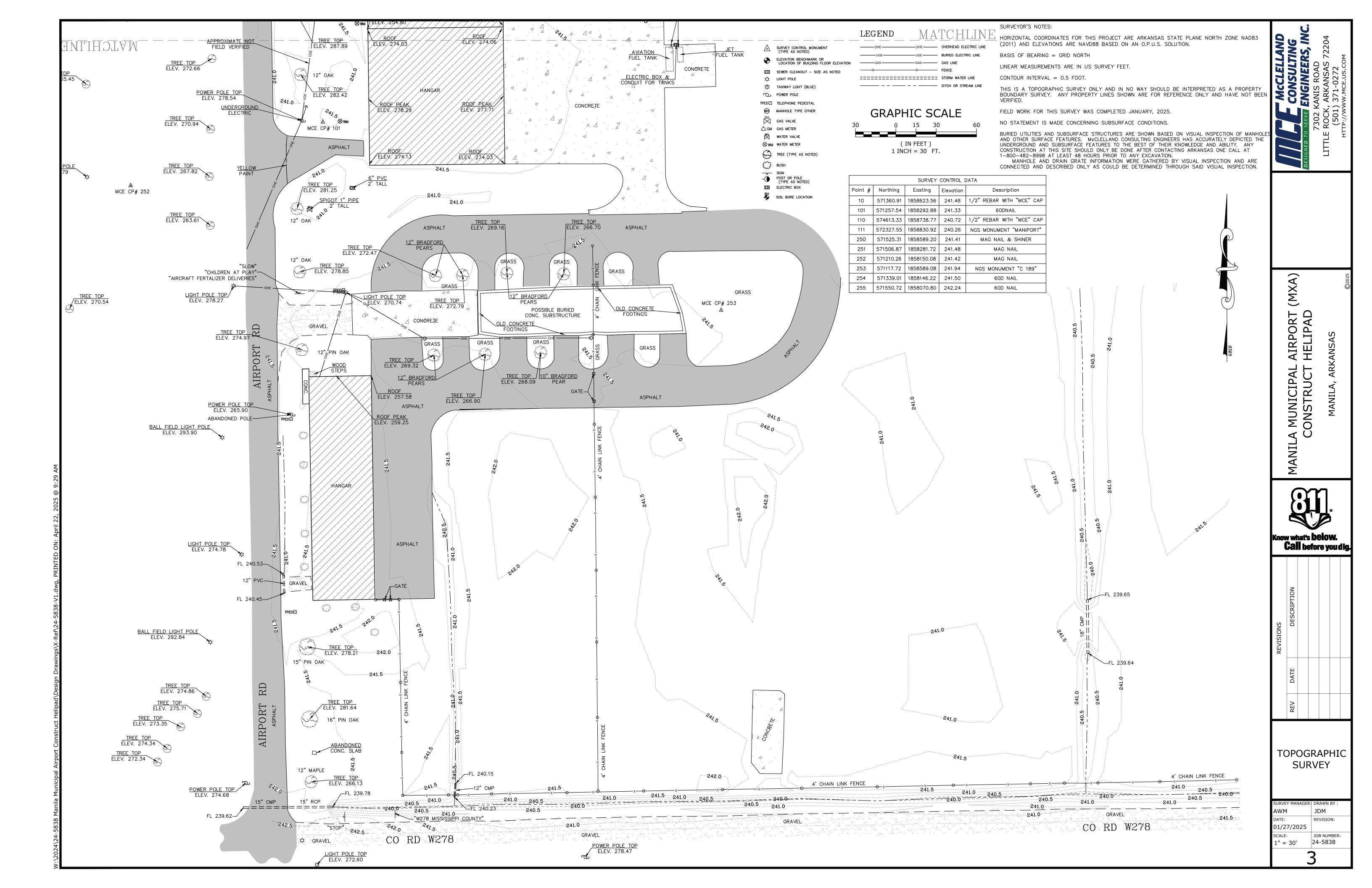


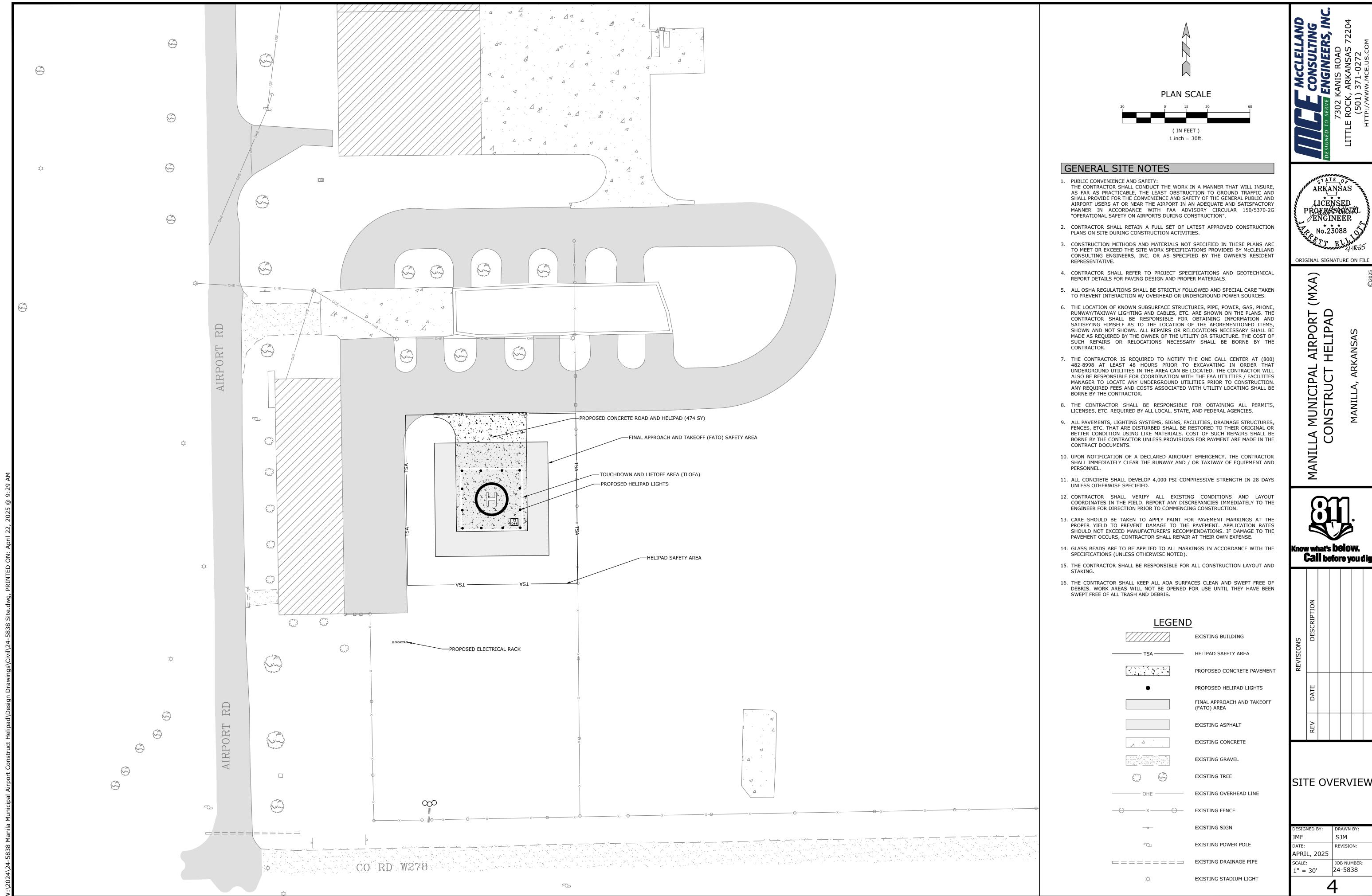
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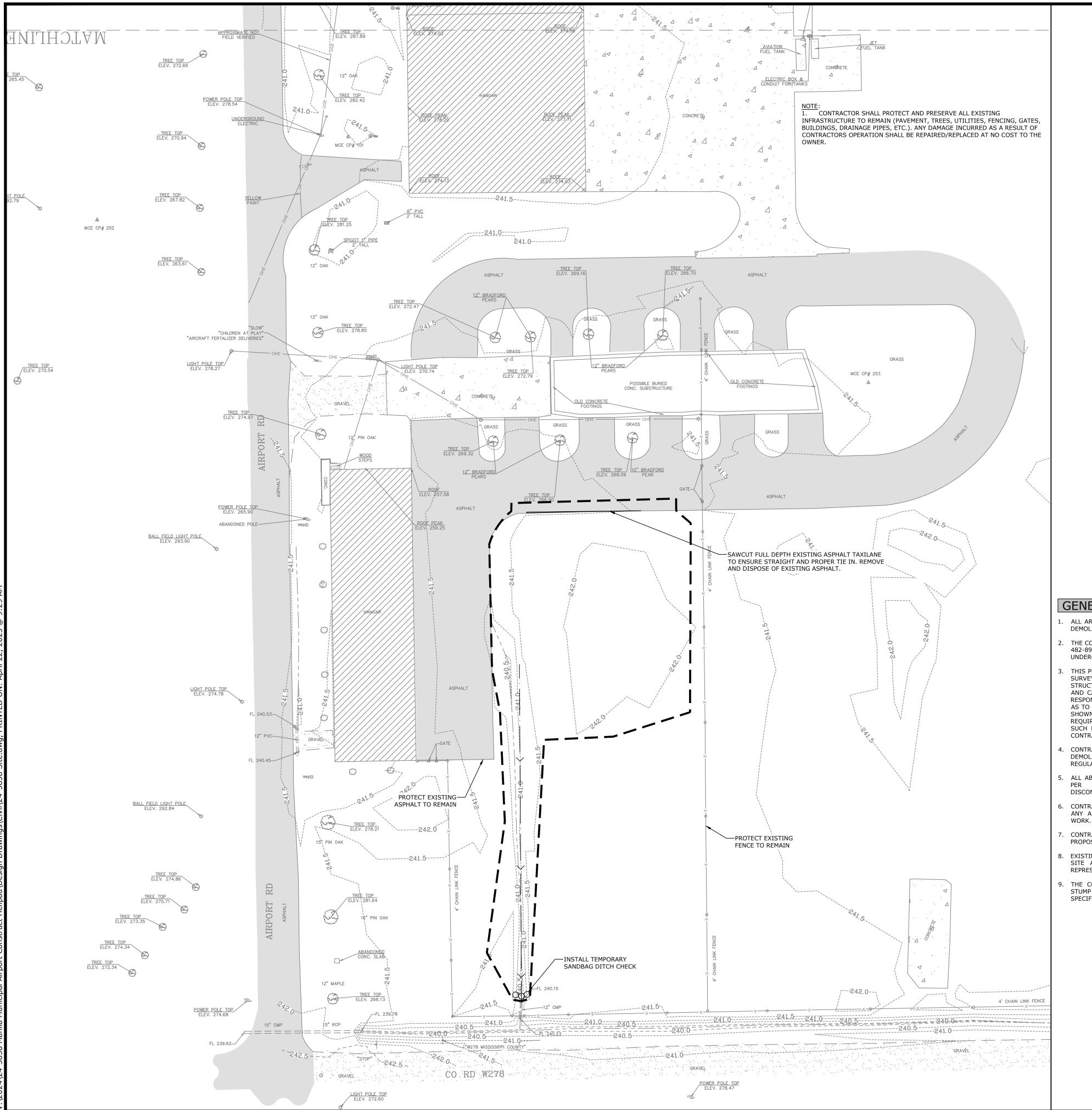
CONSTRUCTION SAFETY AND PHASING PLAN - PHASE I

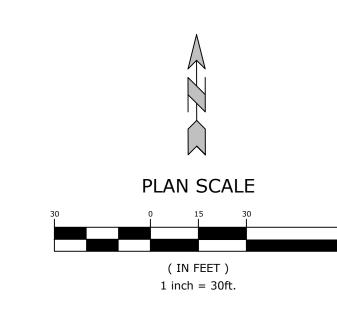
DESIGNED BY:	DRAWN BY:
JME	SJM
DATE:	REVISION:
APRIL, 2025	
SCALE:	JOB NUMBER:
1" = 200'	24-5838



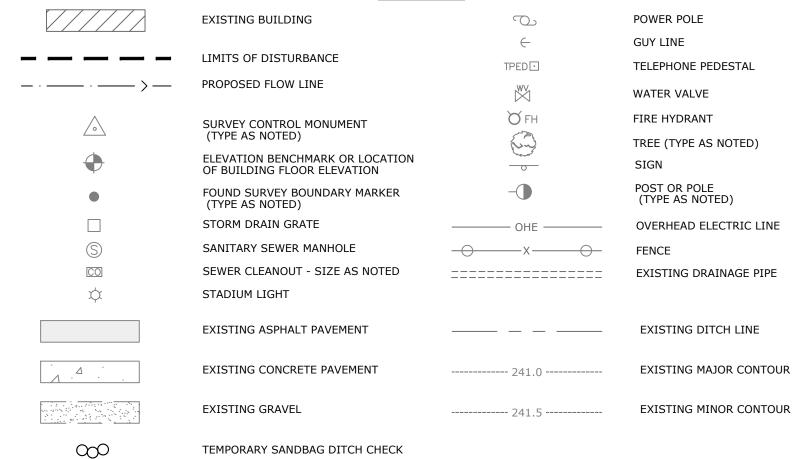


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LEGEND



GENERAL DEMOLITION NOTES

- 1. ALL AREAS AND ITEMS WITHIN THE LIMITS OF DISTURBANCE ARE TO BE DEMOLISHED AND REMOVED UNLESS OTHERWISE NOTED ON THIS PLAN.
- 2. THE CONTRACTOR IS REQUIRED TO NOTIFY THE ONE CALL CENTER AT (800) 482-8998 AT LEAST 48 HOURS PRIOR TO EXCAVATING IN ORDER THAT UNDERGROUND UTILITIES IN THE AREA CAN BE LOCATED.
- THIS PLAN SHOULD BE USED IN CONJUNCTION WITH THE TOPOGRAPHICAL SURVEY FOR REFERENCE. THE LOCATION OF KNOWN SUBSURFACE STRUCTURES, PIPES, POWER, GAS, PHONE, RUNWAY / TAXIWAY LIGHTING AND CABLES, ETC. ARE SHOWN ON THE PLANS. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING INFORMATION AND SATISFYING HIMSELF TO AS TO THE LOCATION OF THE AFOREMENTIONED ITEMS, SHOWN AND NOT SHOWN. ALL REPAIRS OR RELOCATIONS NECESSARY SHALL BE MADE AS REQUIRED BY THE OWNER OF THE UTILITY OR STRUCTURE. THE COST OF SUCH REPAIRS OR RELOCATIONS NECESSARY SHALL BE BORNE BY THE CONTRACTOR.
- . CONTRACTOR SHALL DISPOSE OF ALL MATERIALS RESULTING FROM DEMOLITION IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS THAT GOVERN SUCH OPERATIONS.
- 5. ALL ABANDONED SERVICE LINES SHALL BE DISCONNECTED AND CAPPED PER UTILITY COMPANIES REQUIREMENTS. COORDINATE ALL DISCONNECTIONS WITH UTILITY COMPANIES.
- 5. CONTRACTOR IS TO BRING TO THE ATTENTION OF THE CIVIL ENGINEER ANY AREA OF DEMOLITION IN QUESTION BEFORE PROCEEDING WITH WORK
- CONTRACTOR TO REVIEW AND COORDINATE DEMOLITION LIMITS WITH PROPOSED CONSTRUCTION PLANS.
- EXISTING CLEAN TOPSOIL TO BE STOCKPILED FOR FUTURE USE ON THIS SITE AND IS TO BE COORDINATED WITH THE RESIDENT PROJECT REPRESENTATIVE.
- . THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEARING ALL TREES, STUMP REMOVAL, CLEARING AND GRUBBING PER THE PROJECT SPECIFICATIONS.

GENERAL EROSION CONTROL NOTES

- 1. CONTRACTOR SHALL PROVIDE AND MAINTAIN STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND UTILIZE BEST MANAGEMENT PRACTICES TO CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DIRECTED BY PERMITTING AGENCY AND OWNER OR AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
- 2. PERMIT FOR ANY CONSTRUCTION ACTIVITY MUST BE MAINTAINED ON SITE AT ALL TIMES.
- CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
- 4. GENERAL CONTRACTOR SHALL USE THE STAGING AREAS AS SHOWN ON THE CONSTRUCTION SAFETY AND PHASING PLAN SHEETS FOR THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES.
- 5. ALL WASH WATER SHALL BE DETAINED AND PROPERLY TREATED OR
- 6. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
- 8. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE. ALL SUCH MATERIALS SHALL BE KEPT OFF OF THE AIRPORT OPERATIONS ARFA
- 9. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS STOPPED FOR AT LEAST 14 DAYS, SHALL BE TEMPORARILY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 14 DAYS FROM THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS.
- 10. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE
- 11. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- 12. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- 13. CONTRACTOR SHALL DESIGNATE/IDENTIFY AREAS INSIDE THE LIMITS OF DISTURBANCE, FOR WASTE DISPOSAL AND DELIVERY AND MATERIAL STORAGE
- 14. ALL BMP's SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED BY A MINIMUM OF 80% GRASS COVERAGE.
- 15. ALL DEWATERING ACTIVITIES SHALL CONFORM TO ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS. DISCHARGED WATER MUST BE PROPERLY TREATED BEFORE RELEASING FROM THE SITE.



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Know what's below.

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DEMOLITION AND EROSION CONTROL PLAN

DESIGNED BY:

DRAWN BY:

SJM

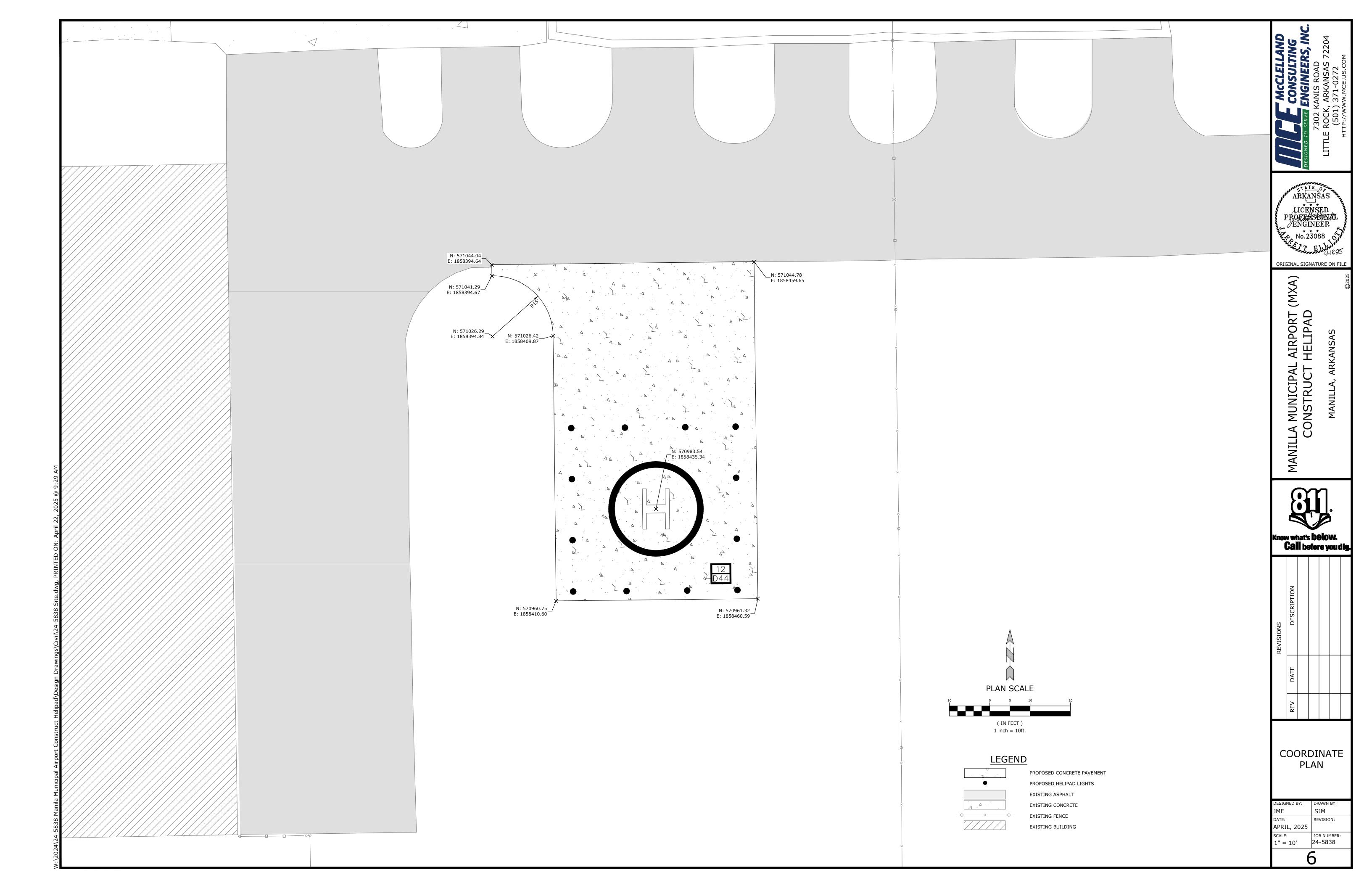
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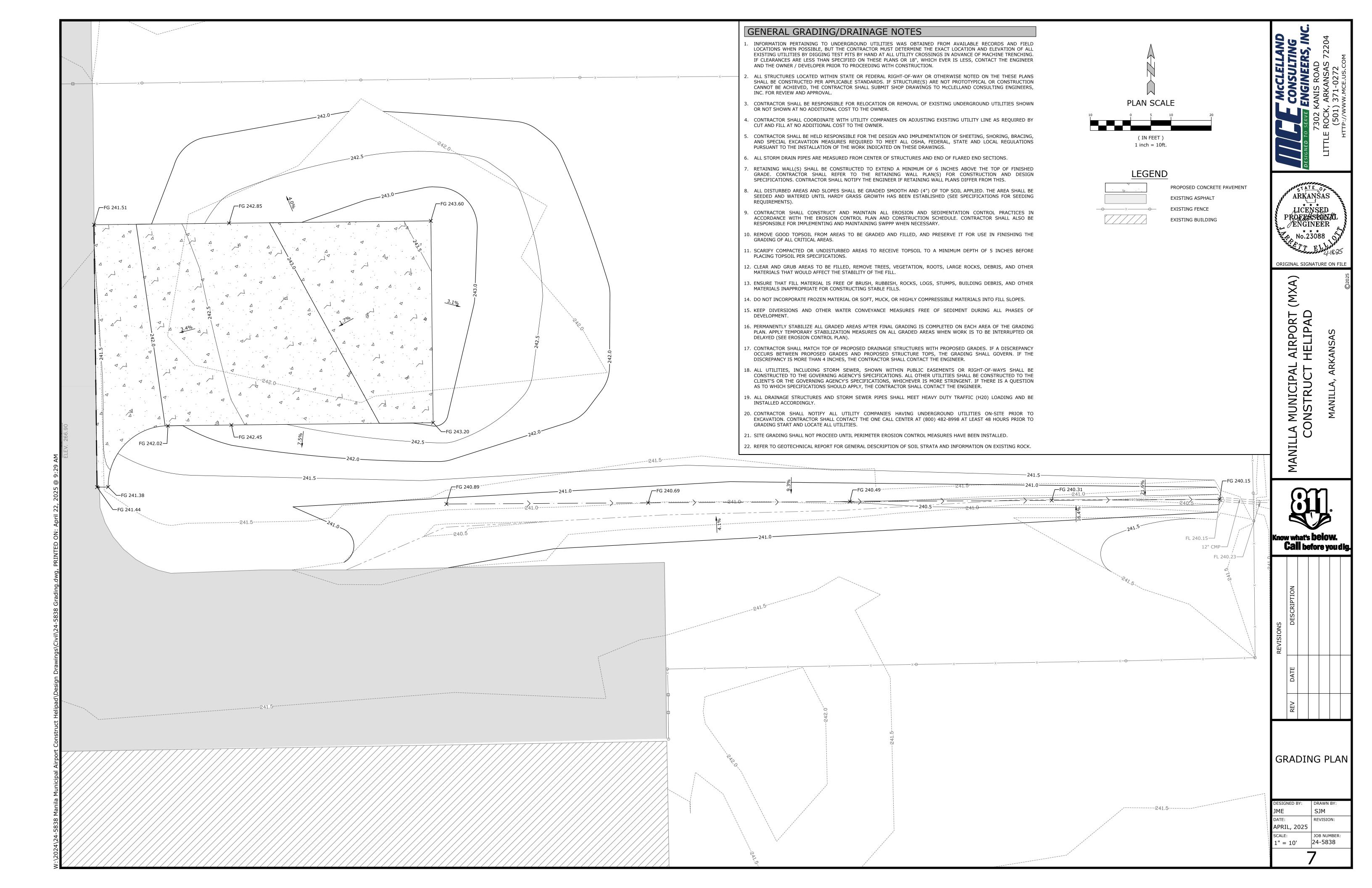
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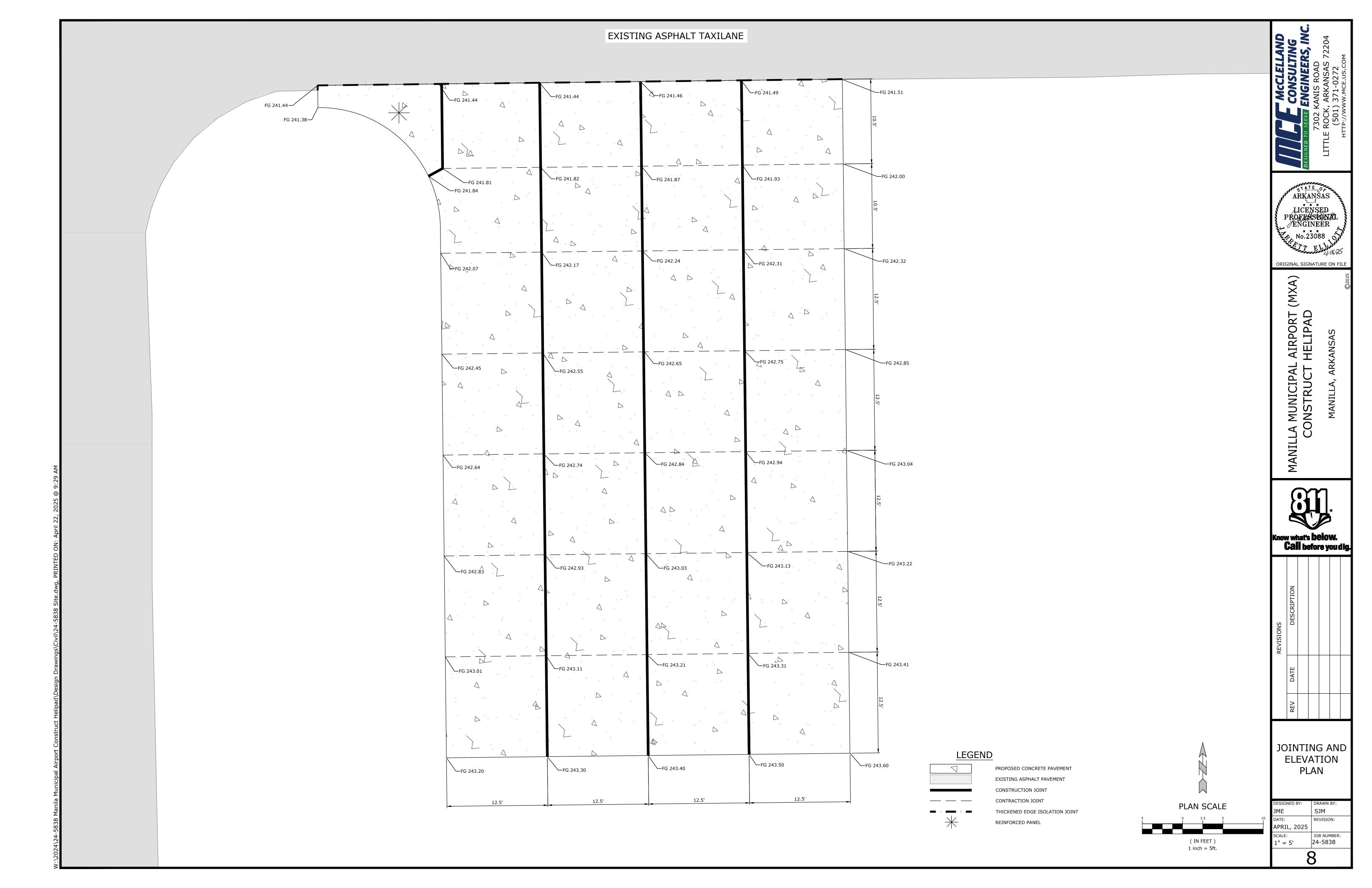
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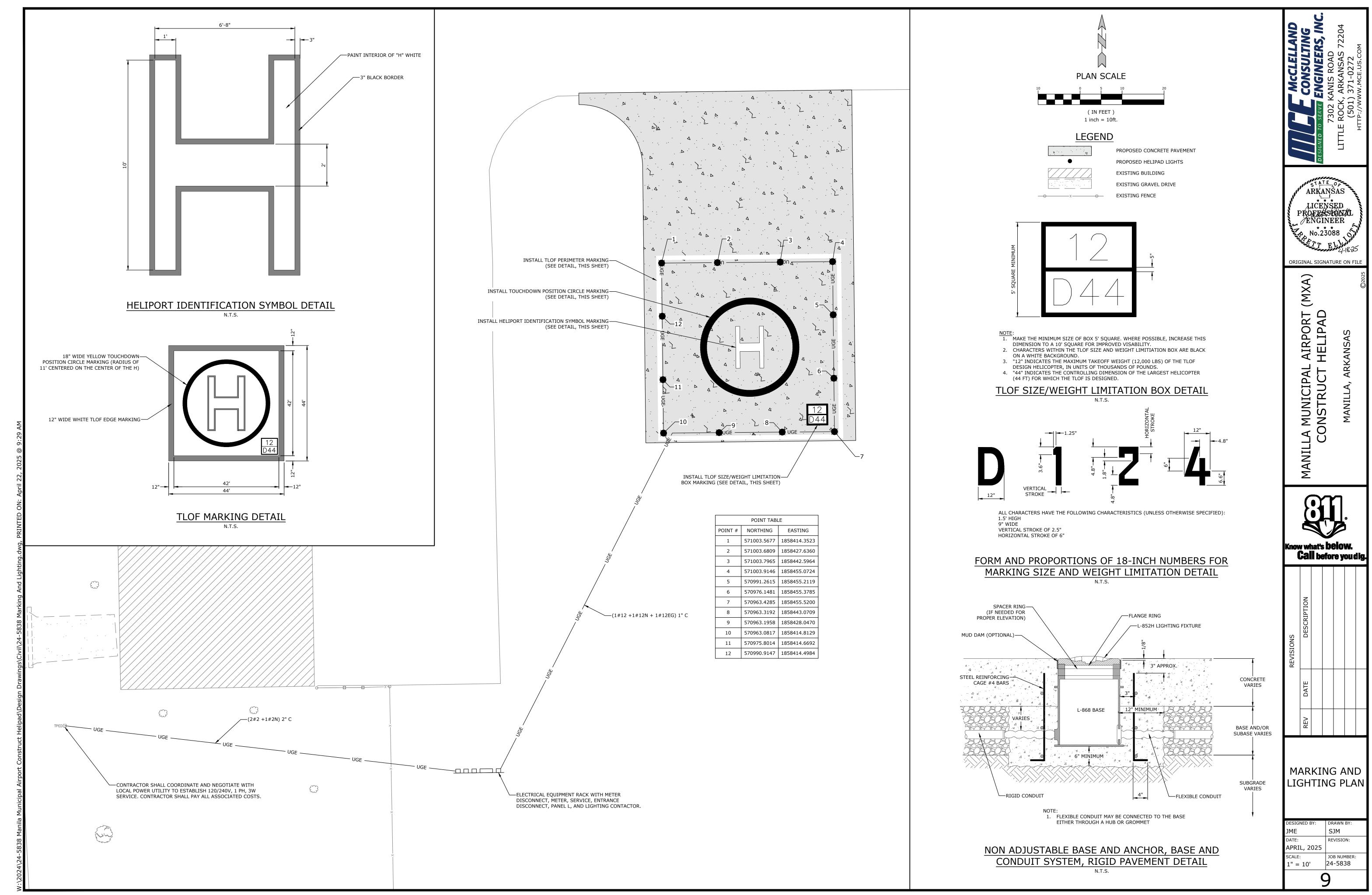
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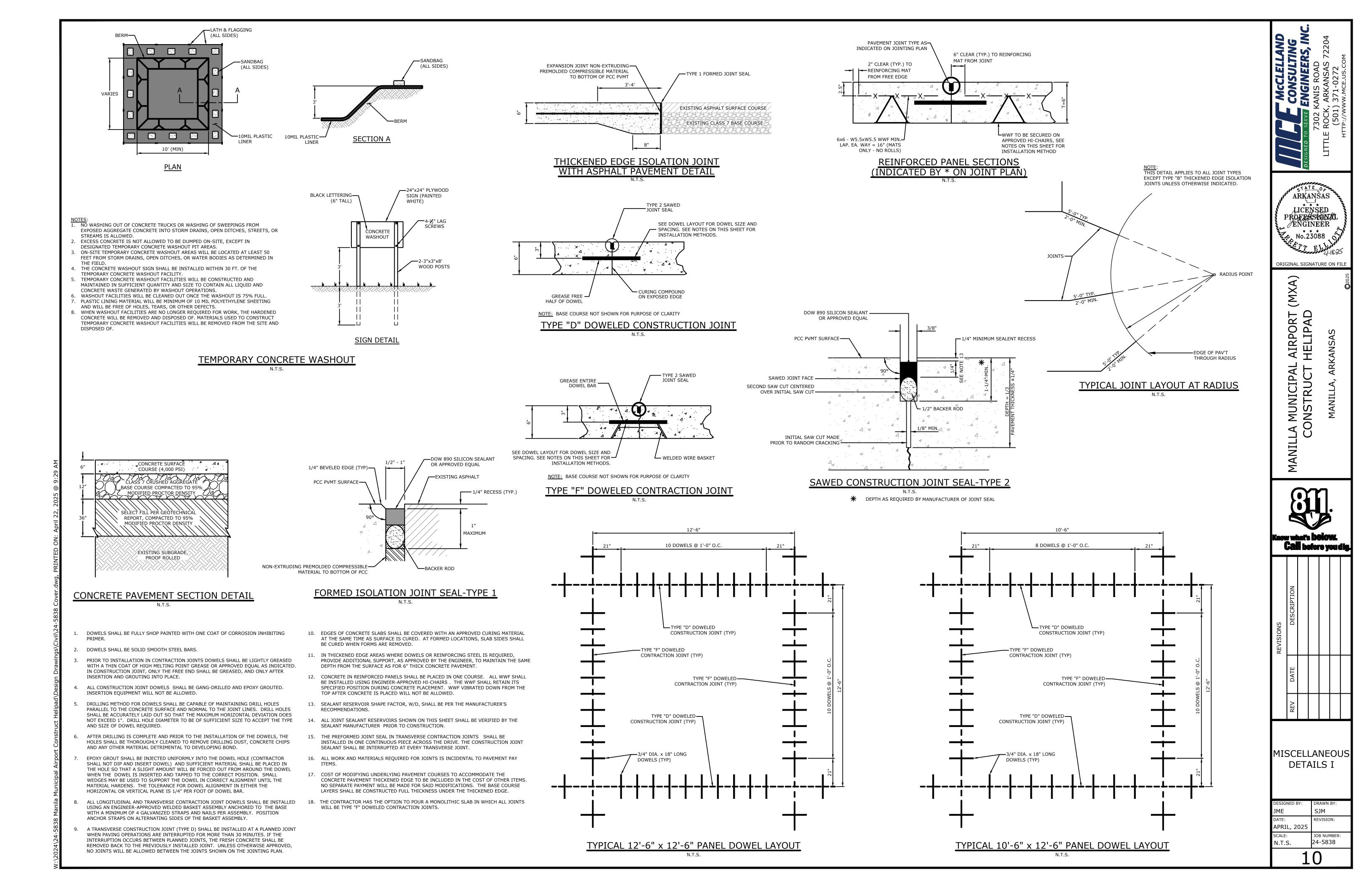
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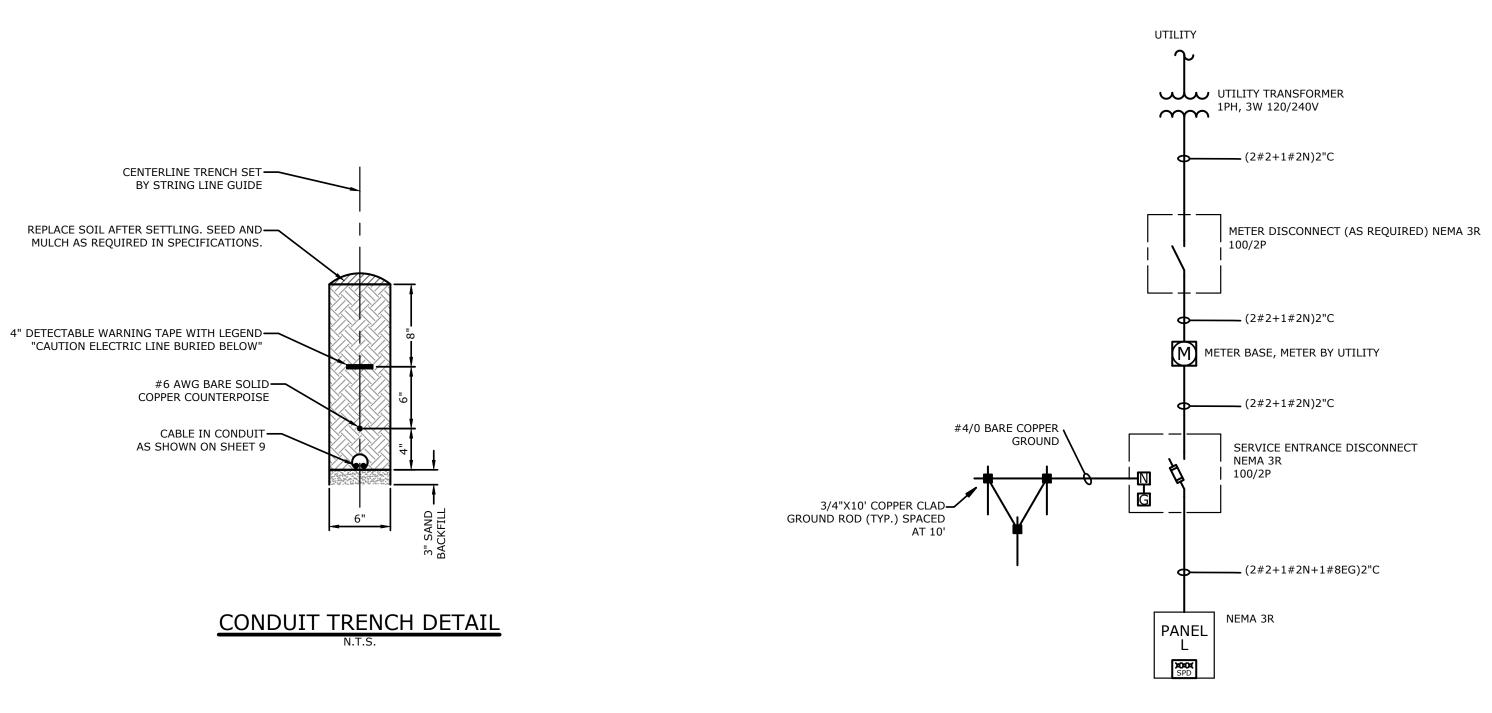












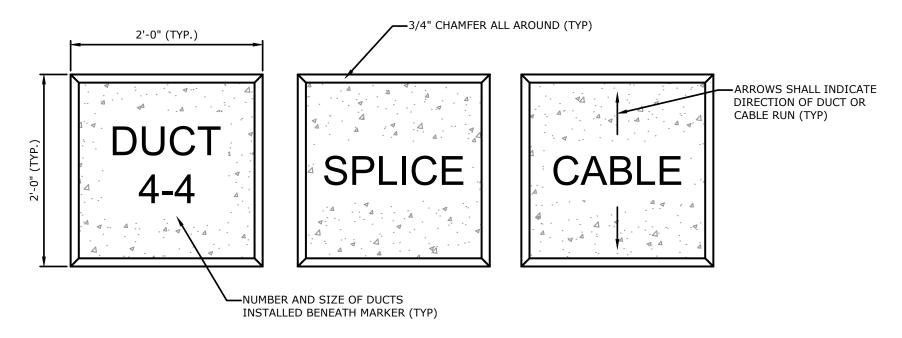
REPLACE SOIL AFTER SETTLING — SELECT BACKFILL TO MATCH EXISTING — DETECTABLE 3" WARNING TAPE #4/0 AWG BARE COPPER GROUND COUNTERPOISE UNDISTURBED OR COMPACTED SOIL AROUND DUCT BANK 1-1/2" MIN. --- SELECT BACKFILL REFER TO SPECIFICATIONS

TRENCH DETAIL

ELECTRICAL DUCT NOTES:

- 1. CONTRACTOR SHALL STAKE THE DUCT INSTALLATION IN PLAN AND ELEVATION FOR NEW ELECTRICAL DUCTS TO AVOID EXISTING UTILITIES.
- 2. CONTRACTOR SHALL ADJUST THE DEPTH OF THE ELECTRICAL DUCTS AS REQUIRED TO MAINTAIN THE MINIMUM COVER REQUIREMENT INDICATED AND AVOID EXISTING UTILITIES.
- 3. SIMILAR CONSTRUCTION FOR OTHER DUCT SIZES. SEE DUCT BANK SCHEDULE FOR QUANTITY AND
- 4. INSTALL DUCT CONDUIT SUPPORTS AT 5'-0" O.C. MAXIMUM SPACING (TYPICAL ALL DUCTS).
- 5. OFFSETS AND BENDS OVER 10 DEGREES AND ELBOWS IN PVC CONDUIT RUNS SHALL BE PVC COATED GALVANIZED RIGID STEEL CONDUIT.
- 6. NO PVC SHALL EMERGE FROM THE GROUND OR CONCRETE SLAB OR ENCASEMENT, PVC SHALL CONVERT TO PVC COATED GALVANIZED RIGID STEEL CONDUIT PRIOR TO ITS EMERGENCE.
- 7. INSTALL GROUND RODS AT ENDS OF ELECTRICAL DUCT OR CONNECT TO GROUND RING.
- 8. INSTALL CONDUCTORS AND CABLES AS NOTED ON DRAWING. INSTALL PULLWIRE IN ALL SPARE
- 9. MINIMUM COVER REQUIREMENT FOR DUCT BANKS UNDER ROADS, DRIVEWAYS AND PARKING LOTS SHALL BE 24".
- 10. MINIMUM COVER REQUIREMENTS FOR ELECTRICAL SECONDARY SERVICE DUCT BANKS SHALL BE
- 11. MINIMUM COVER REQUIREMENTS FOR ELECTRICAL PRIMARY SERVICE DUCT BANKS SHALL BE 36".

ONE-LINE DIAGRAM

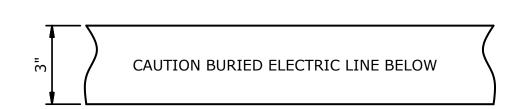


NOTES:

1. LETTERS SHALL BE 4" HIGH, 3" WIDE, STROKE 1/2" WIDE, IMPRESSED 1/4" DEEP, LETTERS SHALL BE STENCILED.

- MARKERS SHALL BE 4" THICK MINIMUM AND PROJECT 1" A.F.G. MAXIMUM.
- MARKERS SHALL BE PAINTED AVIATION ORANGE.
- 4. STERILIZE SOIL 2' ALL AROUND.
- STERILIZE SOIL 2 ALL AROUND.
 COST OF CONCRETE MARKERS IS INCIDENTAL TO THE ASSOCIATED ITEMS OF DUCT OR CABLE.
 CABLE AND SPLICE MARKERS SHALL IDENTIFY THE CIRCUITS WHICH THE CABLES BELONG TO.
 REFER TO PROJECT SPECIFICATIONS FOR PLACEMENT OF CONCRETE MARKERS.

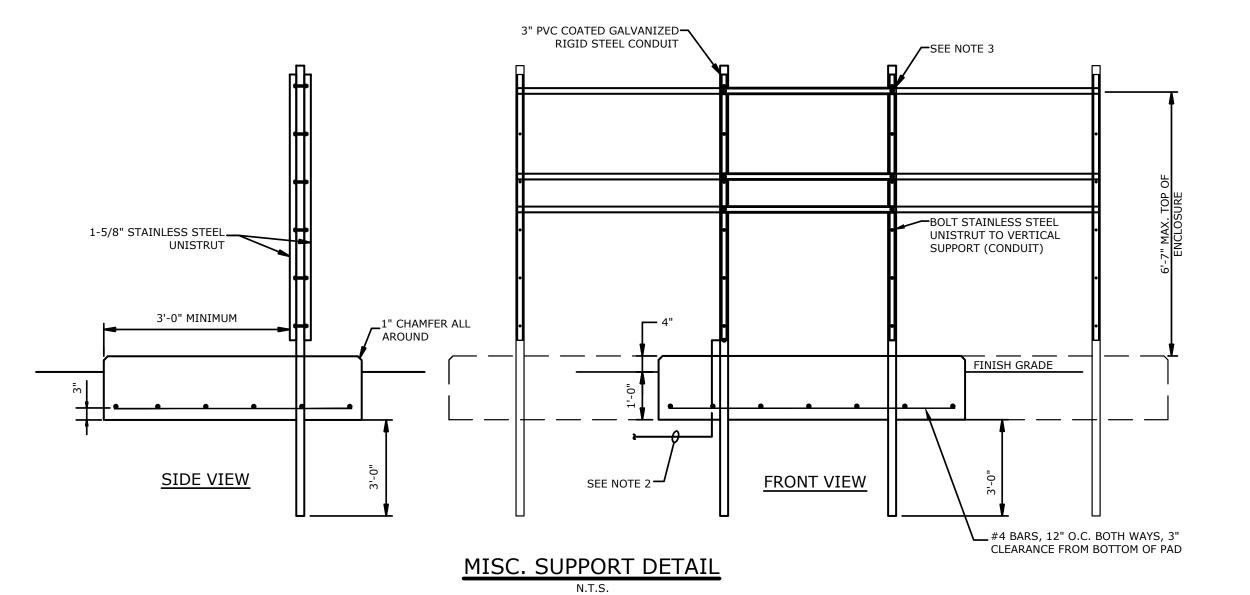
CONCRETE MARKER DETAILS N.T.S.



GENERAL NOTES:

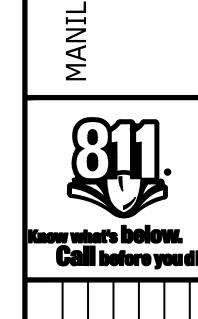
- 1. POWER MARKING TAPES SHALL BE DETECTABLE TYPE CONSTRUCTION WITH RED BACKGROUND AND BLACK LETTERING.
- 2. COMMUNICATION MARKING TAPES SHALL BE DETECTABLE TYPE CONSTRUCTION WITH ORANGE BACKGROUND AND BLACK LETTERING, "TELEPHONE LINE" OR "FIBER OPTIC LINE" RESPECTIVELY.
- 3. TAPE SHALL BE DETECTABLE, DURABLE, HIGHLY VISIBLE, RESISTANT TO ELEMENTS, MEETING AND/OR EXCEEDING ALL INDUSTRY STANDARDS.

UNDERGROUND DETECTABLE WARNING TAPE



NOTES:

- 1. ALL BOLTS, NUTS, WASHERS, ANCHORS, PLATES, AND OTHER MOUNTING STEMS SHALL BE CORROSION RESISTANT, STAINLESS STEEL.
- 2. BOND ELECTRICAL EQUIPMENT SUPPORT FRAME TO COUNTERPOISE AND GROUND RINGS USING 1#4/0 AND EXOTHERMIC WELDS.
- 3. PROVIDE VERTICAL SUPPORTS EVERY 3 FEET.



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LICENSED PROFESSIONAL

ORIGINAL SIGNATURE ON FILE

(MXA)

MISCELLANEOUS DETAILS II

APRIL, 2025 JOB NUMBER: 24-5838 N.T.S.