CONSTRUCTION PLANS for

WALGREENS #10240 - BRYANT, AR

5500 HIGHWAY 5 N, BRYANT, AR 72022 CITY OF BRYANT, SALINE COUNTY, ARKANSAS

UTILITY AND GOVERNING AGENCIES **CONTACT LIST:**

WATER COMPANY

CITY OF BRYANT PUBLIC WORKS TIM FOURNIER 210 SW 3RD STREET BRYANT, AR 72022 (501) 943-0469

SANITARY SEWER COMPANY

CITY OF BRYANT PUBLIC WORKS TIM FOURNIER 210 SW 3RD STREET BRYANT, AR 72022 (501) 943-0469

FIRE MARSHAL

CITY OF BRYANT FIRE DEPARTMENT THOMAS HAMMOND 312 ROYA LANE BRYANT, AR 72022 (501) 943-0397

EROSION CONTROL

CITY OF BRYANT ENGINEERING/CONSTRUCTION SCOTT CHANDLER 210 SW 3RD STREET BRYANT, AR 72022 (501) 943-0454

POWER COMPANY

ENTERGY 1(800) 368-3749

CABLE COMPANY

XFINITY (800) 934-6489

DEPARTMENT OF TRANSPORTATION

ARKANSAS DEPARTMENT OF TRANSPORTATION (501) 569-2000

PLANNING DEPARTMENT

CITY OF BRYANT COMMUNITY DEVELOPMENT COLTON LEONARD 210 SW 3RD STREET BRYANT. AR 72022 (501) 943-0301

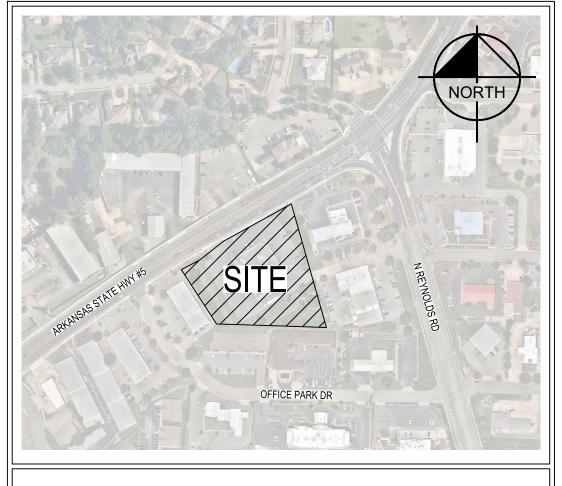
ZONING DEPARTMENT

CITY OF BRYANT COMMUNITY DEVELOPMENT COLTON LEONARD 210 SW 3RD STREET BRYANT, AR 72022 (501) 943-0301

PHONE COMPANY

(800) 288-2020

CENTERPOINT ENERGY (800) 992-7552



SITE LOCATION MAP

KIMLEY-HORN SHALL HAVE NO LIABILITY WHATSOEVER FOR ANY COSTS ARISING OUT OF THE CLIENT'S DECISION TO OBTAIN BIDS OR PROCEED WITH CONSTRUCTION BEFORE KIMLEY-HORN HAS ISSUED FINAL, FULLY-APPROVED PLANS AND SPECIFICATIONS. THE CLIENT ACKNOWLEDGES THAT ALL PRELIMINARY PLANS ARE SUBJECT TO SUBSTANTIAL REVISION UNTIL PLANS ARE FULLY APPROVED AND ALL PERMITS

NOTICE TO CONTRACTOR:

ALL WORK AND MATERIALS SHALL CONFORM TO THE MOST CURRENT STANDARDS AND SPECIFICATIONS AS PROVIDED IN THE:

CITY OF BRYANT ZONING CODE AND ORDINANCES ARDOT STANDARDS SPECIFICATIONS FOR ROADS AND STRUCTURES OR THE MORE RESTRICTIVE OF ANY STANDARDS THAT CONFLICT.

SHEET INDEX COVER SHEET GENERAL NOTES TOPOGRAPHICAL SURVEY **EROSION CONTROL PLAN - PHASE 1 EROSION CONTROL DETAILS** SITE PLAN

PROJECT OWNER AND CONSULTANT INFORMATION

DEVELOPER:

WALGREENS COMPANY 106 WILMOT ROAD DEERFIELD, IL 60015 PHONE (508) 265-9281 **CONTACT: BENJAMIN LANGLOIS**

ENGINEER: KIMLEY-HORN AND ASSOCIATES, INC.

805 S WALTON BLVD SUITE #520 BENTONVILLE, AR 72712 (479) 388-1015 TEL

CONTACT: BRIAN M. COX, P.E. (AR)

SURVEYOR: CORNERSTONE LAND SURVEYING 25 SKY DRIVE GREENBRIER, AR 72058 PHONE (501) 679-1318 **CONTACT: JARED PAVATT**

GRADING AND DRAINAGE PLAN

GEOMETRIC CONTROL HORIZONTAL DATUM: NAD 83 (2011) **VERTICAL DATUM:** NAVD 88 DRAWING UNITS:





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CONFLICTING SPECIFICATIONS OR DETAILS. THE MORE RESTRICTIVE SPECIFICATION AND DETAIL SHALL BE FOLLOWED THE CONTRACTOR SHALL COMPLY WITH AHJ "GENERAL NOTES" FOR CONSTRUCTION, IF EXISTING AND REQUIRED BY THE AHJ. FOR

INSTANCES WHERE THEY CONFLICT WITH THESE KH GENERAL NOTES, THEN THE MORE RESTRICTIVE SHALL APPLY.

3. THE CONTRACTOR SHALL FURNISH ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE AUTHORITIES' SPECIFICATIONS AND REQUIREMENTS. I. THE CONTRACTOR SHALL VISIT THE SITE TO DETERMINE EXISTING CONDITIONS PRIOR TO BIDDING CONSTRUCTION ACTIVITIES.

. THE EXISTING CONDITIONS SHOWN ON THESE PLANS WERE PROVIDED BY THE PROJECT SURVEYOR AND ARE BASED ON THE BENCHMARKS SHOWN. THE CONTRACTOR SHALL REFERENCE THE SAME BENCHMARKS. . THE CONTRACTOR SHALL REVIEW AND VERIFY THE EXISTING FIELD CONDITIONS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL

NOTIFY THE ENGINEER IF ANY DISCREPANCIES IMMEDIATELY . IF THE CONTRACTOR DOES NOT ACCEPT THE EXISTING TOPOGRAPHIC SURVEY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, THEN 9. CONTRACTOR SHALL DOCUMENT THE DATES OF INSTALLATION, MAINTENANCE, MODIFICATION, AND REMOVAL FOR EACH TEMPORARY THE CONTRACTOR MAY SUPPLY, AT THEIR OWN EXPENSE, A TOPOGRAPHIC SURVEY PREPARED BY A REGISTERED PROFESSIONAL

LAND SURVEYOR TO THE CLIENT/OWNER AND ENGINEER FOR REVIEW. . THE CONTRACTOR SHALL PROVIDE ALL CONSTRUCTION SURVEYING AND STAKING FOR THE PROJECT

). THE CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL CONTROL. INCLUDING BENCHMARKS PRIOR TO COMMENCING CONSTRUCTION. PROPERTY LINES AND CORNERS SHALL BE HELD AS THE HORIZONTAL CONTROL.

10.THE CONTRACTOR SHALL REVIEW AND VERIFY ALL DIMENSIONS, ELEVATIONS, AND FIELD CONDITIONS AS THEY RELATE TO CONSTRUCTION ACTIVITIES, INCLUDING ALL UTILITY HORIZONTAL AND VERTICAL ENTRANCES/EXITS FROM THE BUILDING. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE ENGINEER. NO CONSIDERATION WILL BE GIVEN TO CHANGE ORDERS WITHOUT PRIOR APPROVAL

11.CONTRACTOR SHALL THOROUGHLY CHECK COORDINATION OF CIVIL, LANDSCAPE, MEP, ARCHITECTURAL, AND OTHER PLANS PRIOR TO COMMENCING CONSTRUCTION. CLIENT/OWNER AND ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY PRIOR TO COMMENCING WITH CONSTRUCTION.

12.CONTRACTOR SHALL CALL 811 10 DAYS PRIOR TO COMMENCING CONSTRUCTION OR ANY EXCAVATION.

13.CONTRACTOR SHALL USE EXTREME CAUTION AS THE SITE MAY CONTAIN VARIOUS KNOWN AND UNKNOWN PUBLIC AND PRIVATE 14.LOCATIONS, ELEVATIONS, DEPTHS, AND DIMENSIONS OF EXISTING UTILITIES WERE OBTAINED FROM SURVEY, AVAILABLE UTILITY COMPANY MAPS AND PLANS. AND ARE CONSIDERED APPROXIMATE AND INCOMPLETE. IT SHALL BE THE CONTRACTOR'S

RESPONSIBILITY TO VERIFY THE PRESENCE LOCATION OF EVALUATION DEPTH. AND DIMENSION OF EXISTING UTILITIES SUFFICIENTLY IN ADVANCE OF CONSTRUCTION SO THAT ADJUSTMENTS CAN BE MADE TO PROVIDE ADEQUATE CLEARANCES. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY WHEN A PROPOSED IMPROVEMENT CONFLICTS WITH AN EXISTING UTILITY.

15.THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ANY ADJUSTMENTS AND RELOCATIONS OF EXISTING UTILITIES THAT CONFLICT WITH THE PROPOSED IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO, ADJUSTING EXISTING MANHOLES TO MATCH PROPOSED GRADE. RELOCATING EXISTING POLES AND GUY WIRES AS NEEDED. ADJUSTING THE HORIZONTAL OR VERTICAL ALIGNMENT OF EXISTING UNDERGROUND UTILITIES TO ACCOMMODATE PROPOSED GRADE OR CROSSING WITH A PROPOSED UTILITY,

AND ANY OTHERS THAT MAY BE ENCOUNTERED THAT ARE UNKNOWN AT THIS TIME AND NOT SHOWN ON THESE PLANS. 16.CONTRACTOR SHALL ARRANGE FOR OR PROVIDE, AT ITS EXPENSE, ALL GAS, TELECOMMUNICATIONS, CABLE, OVERHEAD AND UNDERGROUND POWER LINE, AND UTILITY POLE ADJUSTMENTS NEEDED.

17.CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION OF FRANCHISE UTILITIES THAT ARE NECESSARY FOR ON-SITE AND OFF-SITE CONSTRUCTION, AND SERVICE TO THE PROPOSED PROJECT.

18.THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL DAMAGES DUE TO THE CONTRACTORS' FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UTILITIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED OR RELOCATE A UTILITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED BY THE CONTRACTOR AND THEIR PERMISSION OBTAINED REGARDING THE METHOD TO USE FOR SUCH WORK.

19.BRACING OF UTILITY POLES MAY BE REQUIRED BY THE UTILITY COMPANIES WHEN TRENCHING OR EXCAVATING IN CLOSE PROXIMITY TO THE POLES. THE COST OF BRACING POLES WILL BE BORNE BY THE CONTRACTOR, WITH NO SEPARATE PAY ITEM FOR THIS WORK.

20.CONTRACTOR SHALL USE ALL NECESSARY SAFETY PRECAUTIONS TO AVOID CONTACT WITH OVERHEAD AND UNDERGROUND POWER LINES. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE, FEDERAL AND UTILITY OWNER REGULATIONS PERTAINING

TO WORK SETBACKS FROM POWER LINES. 21.THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS, APPROVALS, AND BONDS PRIOR TO CONSTRUCTION.

22.THE CONTRACTOR SHALL HAVE THE FOLLOWING AVAILABLE AT THE JOB SITE: A COPY OF THE CONTRACT DOCUMENTS. LATEST SEALED PLANS, GEOTECHNICAL REPORT AND ADDENDA, PROJECT AND AHJ SPECIFICATIONS, SPECIAL CONDITIONS, COPIES OF REQUIRED CONSTRUCTION PERMITS, STORM WATER POLLUTION PREVENTION PLAN (SWPPP) (INCLUDING THE EROSION CONTROL PLANS), AND INSPECTION REPORTS.

23.ALL SHOP DRAWINGS AND OTHER DOCUMENTS THAT REQUIRE ENGINEER REVIEW SHALL BE SUBMITTED BY THE CONTRACTOR NO LESS THAN 10 BUSINESS DAYS IN ADVANCE OF CONSTRUCTION OF THAT ITEM, SO THAT THERE IS SUFFICIENT TIME FOR REVIEW AND

24.ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES, JURISDICTIONAL AGENCIES, AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO USE OF THE FACILITY AND THE FINAL CONNECTION OF SERVICES.

25.CONTRACTOR SHALL ARRANGE FOR REQUIRED AHJ INSPECTIONS.

26.CONTRACTOR'S BID PRICE SHALL INCLUDE ALL INSPECTION FEES, UNLESS OTHERWISE AGREED UPON WITH OWNER.

27.ALL SYMBOLS SHOWN ON THESE PLANS (E.G. FIRE HYDRANT, METERS, VALVES, INLETS, ETC....) ARE FOR PRESENTATION PURPOSES ONLY AND ARE NOT TO SCALE. THE CONTRACTOR SHALL REFER TO THE DETAILS IN THESE PLANS OR OTHER AHJ APPROVED DETAILS FOR LOCATIONS. IN THE EVENT OF A CONFLICT, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION.

28.THE SCOPE OF WORK FOR THE CIVIL IMPROVEMENTS SHOWN ON THESE PLANS TERMINATES 5-FEET FROM THE BUILDING, UNLESS OTHERWISE SHOWN. REFERENCE THE BUILDING PLANS (E.G. ARCHITECTURAL, STRUCTURAL, MEP) FOR AREAS WITHIN 5-FEET OF THE BUILDING AND WITHIN THE BUILDING FOOTPRINT.

29.REFER TO ARCHITECTURAL AND STRUCTURAL PLANS FOR ALL FINAL BUILDING DIMENSIONS.

30.THE PROPOSED BUILDING FOOTPRINT(S) SHOWN IN THESE PLANS WAS PROVIDED TO KH BY THE PROJECT ARCHITECT. DIMENSIONS AND/OR COORDINATES SHOWN ON THESE PLANS WERE BASED ON THE PROVIDED ARCHITECTURAL FOOTPRINT. THE CONTRACTOR IS SOLELY RESPONSIBLE TO VERIFY WHAT PART OF THE BUILDING THE ARCHITECT'S FOOTPRINT REPRESENTS (E.G. SLAB, OUTSIDE WALL, MASONRY LEDGE, ETC...) AND TO CONFIRM ITS FINAL POSITION ON THE SITE BASED ON THE FINAL ARCHITECTURAL FOOTPRINT (WHICH COULD VARY FROM WHAT IS SHOWN), CIVIL DIMENSION CONTROL PLAN, SURVEY BOUNDARY AND/OR PLAT. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES IMEDIATELY.

31.ALL CONSTRUCTION SHALL COMPLY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT (OR LATEST EDITION), INCLUDING SUBSEQUENT ADDENDA. DUE TO THE POTENTIAL FOR DIFFERENTIAL SOIL MOVEMENT ADJACENT TO THE BUILDING, THE OWNER AND CONTRACTOR ARE ADVISED TO OBTAIN A GEOTECHNICAL ENGINEERS RECOMMENDATION SPECIFIC TO FLATWORK ADJACENT TO THE

32.CONTRACTOR IS RESPONSIBLE FOR ALL MATERIALS TESTING AND CERTIFICATION (EARTHWORK, PAVING, ETC...), UNLESS SPECIFIED OTHERWISE BY OWNER. ALL MATERIALS TESTING SHALL BE COORDINATED WITH THE APPROPRIATE AHJ INSPECTOR AND COMPLY WITH AHJ STANDARD SPECIFICATIONS AND THE GEOTECHNICAL REPORT. TESTING SHALL BE PERFORMED BY AN APPROVED INDEPENDENT AGENCY FOR TESTING MATERIALS. THE OWNER SHALL APPROVE THE AGENCY NOMINATED BY THE CONTRACTOR FOR

33.ALL COPIES OF MATERIALS TEST RESULTS SHALL BE SENT TO THE OWNER AND ENGINEER DIRECTLY FROM THE TESTING AGENCY. 34.IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SHOW, BY THE STANDARD TESTING PROCEDURES OF THE MATERIALS, THAT THE

WORK CONSTRUCTED MEETS THE PROJECT REQUIREMENTS AND AHJ SPECIFICATIONS. 35.ALL CONTRACTORS SHALL CONFINE THEIR ACTIVITIES TO THE WORK AREA. ANY DAMAGE RESULTING FROM ENCROACHMENTS

OUTSIDE OF THE WORK AREA SHALL BE CONTRACTOR'S SOLE RESPONSIBILITY TO REPAIR. 36.THE CONTRACTOR SHALL PROTECT ALL EXISTING: STRUCTURES, UTILITIES, MANHOLES, POLES, GUY WIRES, VALVE COVERS, VAULT

LIDS, FIRE HYDRANTS, COMMUNICATION BOXES/PEDESTALS, OR OTHER FACILITIES UNLESS SPECIFICALLY NOTED FOR RELOCATION OR

3. UNLESS OTHERWISE NOTED, PROPOSED CONTOURS AND SPOT ELEVATIONS SHOWN IN PAVED AREAS REFLECT TOP OF PAVEMENT REMOVAL. ANY DAMAGES TO PROTECTED ITEMS WILL BE REPAIRED AT NO COST TO THE OWNER. 37.THE CONTRACTOR SHALL IMMEDIATELY REPAIR OR REPLACE ANY PHYSICAL DAMAGE TO PRIVATE OR PUBLIC PROPERTY TO ORIGINAL

CONDITION OR BETTER AT NO COST TO THE OWNER. 38.ALL AREAS IN EXISTING RIGHT-OF-WAY DISTURBED BY SITE CONSTRUCTION SHALL BE REPAIRED TO ORIGINAL CONDITION OR BETTER.

ETC... THAT ARE TO BE RELOCATED DURING CONSTRUCTION. 40.CONTRACTOR SHALL MAINTAIN ADEQUATE SITE DRAINAGE DURING ALL PHASES OF CONSTRUCTION, AND ENSURE EXISTING DITCHES 6. ALL FINISHED GRADES SHALL TRANSITION UNIFORMLY BETWEEN THE FINISHED ELEVATIONS SHOWN. AND CULVERTS ARE FREE OF OBSTRUCTIONS AT ALL TIMES.

41.THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TRENCH SAFETY PLAN, PREPARED BY A PROFESSIONAL ENGINEER IN THE STATE THE PROJECT IS LOCATED PRIOR TO CONSTRUCTION. IF REQUIRED, THE CONTRACTOR SHALL SUBMIT THE TRENCH SAFETY PLAN TO THE AHJ. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TRENCH SAFETY REQUIREMENTS IN ACCORDANCE WITH AHJ. STATE. AND FEDERAL REQUIREMENTS, INCLUDING OSHA FOR ALL TRENCHES. NO OPEN TRENCHES SHALL BE ALLOWED OVERNIGHT WITHOUT

PRIOR WRITTEN APPROVAL OF THE AHJ. 42.THE CONTRACTOR SHALL KEEP TRENCHES FREE OF WATER.

43.SITE SAFETY IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR

44.THESE PLANS DO NOT EXTEND TO OR INCLUDE DESIGNS OR SYSTEMS PERTAINING TO THE SAFETY OF THE CONTRACTOR OR ITS EMPLOYEES, AGENTS OR REPRESENTATIVES IN THE PERFORMANCE OF THE WORK. THE ENGINEER'S SEAL HEREON DOES NOT EXTEND TO ANY SUCH SAFETY SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION OF ALL REQUIRED SAFETY PROCEDURES AND PROGRAMS

45.SIGNS RELATED TO SITE OPERATION OR SAFETY ARE NOT INCLUDED IN THESE PLANS.

46.THE LOCATION OF THE CONTRACTOR'S FIELD OFFICE AND STAGING AREA SHALL BE AGREED ON BY THE OWNER AND CONTRACTOR PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR ALL PERMITTING REQUIREMENTS ASSOCIATED WITH THE CONSTRUCTION OFFICE, JOB TRAILER, MATERIAL STORAGE, AND STAGING OPERATIONS.

47.LIGHT POLES, SIGNS, AND OTHER OBSTRUCTIONS SHALL NOT BE PLACED IN ACCESSIBLE ROUTES.

48.ALL SIGNS, PAVEMENT MARKINGS, AND OTHER TRAFFIC CONTROL DEVICES SHALL CONFORM TO MUTCD. 49.RIM ELEVATIONS OF ALL EXISTING AND PROPOSED MANHOLES SHALL BE COORDINATED OR ADJUSTED TO BE FLUSH WITH TOP OF

50.CONTRACTOR SHALL ADJUST ALL EXISTING AND PROPOSED VALVES, FIRE HYDRANTS, AND OTHER UTILITY APPURTENANCES TO BE

FLUSH WITH FINISHED GRADES AT THE TIME OF PAVING. 51.THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION SEQUENCING/PHASING, AND SHALL CONTACT THE APPROPRIATE AHJ

OFFICIALS, INCLUDING BUILDING OFFICIAL, ENGINEERING INSPECTOR, AND FIRE MARSHALL TO LEARN OF ANY REQUIREMENTS.

52.CONTRACTOR IS RESPONSIBLE FOR PREPARATION, SUBMITTAL, AND AHJ APPROVAL OF A TRAFFIC CONTROL PLAN PRIOR TO THE START OF CONSTRUCTION. ONCE APPROVED, IT IS THE CONTRACTOR'S RESPONSIBILITY FOR THE IMPLEMENTATION OF THE PLAN.

53.THE CONTRACTOR SHALL KEEP A NEAT AND ACCURATE RECORD OF CONSTRUCTION, INCLUDING ANY DEVIATIONS OR VARIANCES FROM THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT PLANS TO THE ENGINEER AND AHJ, IDENTIFYING ALL DEVIATIONS AND VARIATIONS MADE DURING CONSTRUCTION.

GENERAL PERMIT (PERMIT NO. ARR150000)

. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL EROSION CONTROL AND WATER QUALITY REQUIREMENTS, LAWS, AND ORDINANCES THAT APPLY TO THE CONSTRUCTION SITE LAND DISTURBANCE.

CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE GOVERNING ENVIRONMENTAL QUALITY AGENCY, INCLUDING, BUT NOT LIMITED TO THE ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY ("ADEQ") AUTHORIZATION TO DISCHARGE STORMWATER UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM AND THE ARKANSAS WATER AND AIR POLLUTION CONTROL ACT

3. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE EROSION CONTROL PLAN SHALL BE INSTALLED PRIOR TO THE START OF LAND DISTURBANCE AND ARE TO BE INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS, STORMWATER POLLUTION PREVENTION PLAN (SWPPP), AND SPECIFICATIONS

4. CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL BEST MANAGEMENT PRACTICES (BMPS) (INSTALLATION, IMPLEMENTATION, MAINTENANCE, REPORTING, AND EFFECTIVENESS OF ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES), ALSO INCLUDING UPDATING THE EROSION CONTROL PLAN DURING CONSTRUCTION AS FIELD CONDITIONS CHANGE.

5. AS STORM SEWER INLETS ARE INSTALLED ON-SITE, TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AT EACH INLET PER APPROVED DETAILS.

6. THE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL THE AREA IT PROTECTS HAS BEEN PERMANENTLY STABILIZED WITH FINAL STABILIZATION. 7. CONTRACTOR SHALL PROVIDE ADEQUATE TEMPORARY EROSION AND SEDIMENT CONTROL MEAUSURES NEEDED DUE TO PROJECT

8. CONTRACTOR SHALL OBSERVE THE EFFECTIVENESS OF THE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AND MAKE FIELD ADJUSTMENTS OR MODIFICATIONS AS NEEDED TO PREVENT SEDIMENT FROM LEAVING THE SITE. IF THE MEASURES ARE NOT WORKING EFFECTIVELY TO CONTROL EROSION AND PREVENT SEDIMENT FROM WASHING OFF THE SITE, THEN THE CONTRACTOR

SHALL NOTIFY THE ENGINEER. EROSION AND SEDIMENT CONTROL MEASURES EMPLOYED IN THE SWPPP, IF APPLICABLE.

10.0FF-SITE SOIL BORROW. SPOIL. AND STORAGE AREAS (IF APPLICABLE) ARE CONSIDERED PART OF THE PROJECT SITE AND MUST COMPLY WITH THE SWPPP FOR THIS PROJECT. IF THE OFF-SITE AREA IS NOT COVERED UNDER AN APPROVED PERMIT FOR SOIL BY THE CONTRACTOR, UNLESS OTHERWISE AGREED UPON WITH THE OWNER. DISTURBING ACTIVITY, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN SUCH PERMITTING AND ENSURE ADEQUATE BMPS ARE USED TO MANAGE RUNOFF FOR THE AREA. THE CONTRACTOR SHALL ENSURE FINAL STABILIZATION IS ACHIEVED ON ANY OFF-SITE 3. RETAINING WALLS SHALL FIT IN THE WALL ZONE OR LOCATION SHOWN ON THESE PLANS AREA PRIOR TO THE COMPLETION OF THE PROJECT. CONTRACTOR IS RESPONSIBLE FOR MODIFYING THE SWPPP AND EROSION CONTROL PLAN TO INCLUDE ANY OFF-SITE AREAS THAT ARE NOT ANTICIPATED OR SHOWN ON THE EROSION CONTROL PLAN.

11.ALL STAGING, STOCKPILES, SPOIL, AND STORAGE AREAS SHALL BE LOCATED AND BMPS UTILTIZED TO ENSURE THERE IS NO ADVERSE **EFFECT TO STORM WATER QUALITY**

12.CONTRACTORS SHALL INSPECT ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES. DISTURBED AREAS. AND VEHICLE ENTRY AND EXIT AREAS: 1) AT LEAST ONCE EVERY 7 CALENDAR DAYS OR 2) AT LEAST ONCE EVERY 14 CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.25 INCHES OR GREATER (A RAIN GAUGE MUST BE MAINTAINED ON-SITE). THE SCHEDULE MUST BE SPECIFIED IN THE SWPPP. THE SCHEDULE MUST ALSO COMPLY WITH ANY OTHER LOCAL REQUIREMENTS.

13.CONTRACTOR SHALL CONSTRUCT A STABILIZED CONSTRUCTION ENTRANCE/EXIT IN ACCORDANCE WITH THESE PLANS AND THE SWPPP. CONTRACTOR SHALL ENSURE THAT ALL CONSTRUCTION TRAFFIC USES THE STABILIZED ENTRANCE/EXIT AT ALL TIMES FOR ALL INGRESS/EGRESS. VEHICLE TIRE WASHING MAY ALSO BE USED AS A SUBSTITUTE.

14.WASHING OF VEHICLES TO REMOVE SEDIMENT PRIOR TO EXITING THE SITE, SHALL BE DONE IN AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS TO AN APPROVED SEDIMENT TRAP. 15.SITE ENTRY AND EXITS SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT THE TRACKING OF SEDIMENT AND FLOWING OF

CONTAMINATED RUNOFF ONTO OFF-SITE ROADWAYS. ALL SEDIMENT AND DEBRIS FROM THE SITE THAT IS DEPOSITED ONTO AN OFF-SITE ROADWAY SHALL BE REMOVED IMMEDIATELY. 16.THE CONTRACTOR IS ALSO RESPONSIBLE FOR REMOVING ALL SEDIMENT AND DEBRIS FROM THE OFF-SITE ROADWAYS THAT ARE A

RESULT OF CONSTRUCTION, AS REQUESTED BY OWNER AND CITY. 17.WHEN SEDIMENT OR DEBRIS HAS CLOGGED THE VOID SPACES BETWEEN STONES OF THE CONSTRUCTION ENTRANCE OR DIRT IS BEING 6. CONTRACTOR SHALL CONSTRUCT PROPOSED PAVEMENT TO MATCH EXISTING PAVEMENT WITH A SMOOTH, FLUSH, CONNECTION. TRACKED ONTO A ROADWAY, THE CONSTRUCTION ENTRANCE MUST BE WASHED DOWN OR REPLACED. RUNOFF FROM THE WASH-DOWN OPERATION SHALL NOT BE ALLOWED TO DRAIN DIRECTLY OFF SITE WITHOUT FIRST FLOWING THROUGH A BMP TO CONTROL SEDIMENT AND DEBRIS LEAVING THE SITE. PERIODIC RE-GRADING OR NEW STONE MAY BE REQUIRED TO MAINTAIN THE

18.CONTRACTOR SHALL INSTALL A TEMPORARY SEDIMENT BASIN FOR ANY ON-SITE DRAINAGE AREA EQUALING TEN ACRES OR MORE, INCLUDING RUN-ON FROM OTHER AREAS). IF NO ENGINEERING DESIGN HAS BEEN PROVIDED FOR A SEDIMENTATION BASIN, THE CONTRACTOR SHALL ARRANGE FOR AN APPROPRIATE DESIGN TO BE PROVIDED.

19. ALL REGULATORY FINES IMPOSED FOR SEDIMENT OR DEBRIS DISCHARGED FROM THE SITE SHALL BE PAID BY THE CONTRACTOR. BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES. IF IT IS NECESSARY TO SHORE, BRACE, SWING 20.SOIL STABILIZATION SHALL BE INITIATED IMMEDIATELY WHEN CLEARING, GRADING, OR EXCAVATION ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE SITE, OR TEMPORARILY CEASED ON ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A

PERIOD EXCEEDING 14 CALENDAR DAYS. 21.CONTRACTOR SHALL FOLLOW GENERAL GOOD HOUSEKEEPING PRACTICES DURING CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF LOOSE DIRT, DEBRIS, AND TRASH AS CONSTRUCTION PROGRESSES

22.UPON COMPLETION OF SITE GRADING, ALL SURFACES OF DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED. FINA STABILIZATION IS ACHIEVED WHEN THE AREA IS EITHER COVERED BY PERMANENT IMPERVIOUS STRUCTURES, SUCH AS BUILDINGS, SIDEWALK, PAVEMENT, OR A UNIFORM PERENNIAL VEGETATIVE COVER AS OUTLINED IN THE STATE GENERAL PERMIT 23.AT THE CONCLUSION OF THE PROJECT, ALL INLETS, DRAINPIPE, CHANNELS, DRAINAGEWAYS AND BORROW DITCHES AFFECTED BY THE

CONSTRUCTION SHALL BE DREDGED, AND THE SEDIMENT GENERATED BY THE PROJECT SHALL BE REMOVED AND DISPOSED IN ACCORDANCE WITH APPLICABLE REGULATIONS. 24.THE SWPPP PREPARED FOR THIS PROJECT IS AN INTEGRAL PART OF THE PLANS AND CONTRACT DOCUMENTS. THE CONTRACTOR IS ADVISED TO REVIEW AND STRICTLY FOLLOW THE REQUIREMENTS OUTLINED IN THE SWPPP TO OBTAIN PERMIT COVERAGE FOR STORMWATER DISCHARGE AND UNDERSTAND THE REQUIREMENTS FOR TERMINATING PERMIT COVERAGE AT THE COMPLETION OF

CONSTRUCTION.

. KH IS NOT RESPONSIBLE FOR THE MEANS AND METHODS EMPLOYED BY THE CONTRACTOR TO IMPLEMENT DEMOLITION SHOWN IN THESE PLANS. THE DEMOLITION PLAN INDICATES THE KNOWN OBJECTS ON THE SUBJECT TRACT THAT ARE TO BE DEMOLISHED AND REMOVED FROM THE SITE AND IS NOT ALL ENCOMPASSING.

2. THE DEMOLITION PLAN WAS PREPARED BASED ON FIELD SURVEY DATA AND UTILITY INFORMATION PROVIDED BY OTHERS. KH DOES NOT WARRANT OR REPRESENT THAT THE PLAN: SHOWS ALL IMPROVEMENTS AND UTILITIES, THAT THE IMPROVEMENTS AND UTILITIES ARE SHOWN ACCURATELY, OR THAT THE UTILITIES SHOWN CAN BE REMOVED. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING ITS OWN SITE ASSESSMENT OF THE SCOPE OF DEMOLITION. THE CONTRACTOR IS TO CONFIRM WITH THE OWNERS OF IMPROVEMENTS AND UTILITIES, THE ABILITY AND PROCESS FOR THE REMOVAL OF THEIR FACILITIES.

THE DEMOLITION PLAN IS INTENDED TO GIVE A GENERAL GUIDE TO THE CONTRACTOR, TO LEAVE THE SITE IN A STATE SUITABLE FOR THE CONSTRUCTION OF THE PROPOSED PROJECT. REMOVAL OR PRESERVATION OF IMPROVEMENTS, UTILITIES, ETC. TO ACCOMPLISH THIS GOAL ARE THE RESPONSIBILITY OF THE CONTRACTOR.

1. THE CONTRACTOR IS STRONGLY CAUTIONED TO REVIEW THE FOLLOWING REPORTS DESCRIBING SITE CONDITIONS PRIOR TO BIDDING

AND IMPLEMENTING THE DEMOLITION PLAN (IF APPLICABLE) a. ENVIRONMENTAL SITE ASSESSMENT PROVIDED BY THE OWNER.

b. ASBESTOS BUILDING INSPECTION REPORT(S) PROVIDED BY THE OWNER.

c. GEOTECHNICAL REPORT PROVIDED BY THE OWNER.

EFFECTIVENESS OF THE CONSTRUCTION ENTRANCE.

5. CONTRACTOR SHALL CONTACT THE OWNER TO VERIFY WHETHER ADDITIONAL REPORTS OR AMENDMENTS TO THE ABOVE CITED REPORTS HAVE BEEN PREPARED AND TO OBTAIN/REVIEW/AND COMPLY WITH THE RECOMMENDATIONS OF SUCH REPORTS PRIOR TO STARTING ANY WORK ON THE SITE.

6. CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS REGARDING THE DEMOLITION OF IMPROVEMENTS, UTILITIES, OR ANY OBJECTS ON THE SITE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO REVIEW THE SITE, DETERMINE THE APPLICABLE REGULATIONS, AND COMPLY WITH THE TERMS OF ANY REQUIRED PERMITS AND AUTHORIZATIONS OBTAINED BY THE CONTRACTOR FROM THE AHJ FOR THE DISPOSAL OF MATERIALS OFFSITE.

7. KH DOES NOT REPRESENT THAT THE REPORTS REFERENCED ABOVE ARE ACCURATE, COMPLETE, OR COMPREHENSIVE SHOWING ALL ITEMS THAT WILL NEED TO BE DEMOLISHED AND REMOVED. 8. EXISTING SURFACE PAVEMENT MAY OVERLAY OTHER HIDDEN STRUCTURES, SUCH AS ADDITIONAL LAYERS OF PAVEMENT,

STRUCTURES, FOUNDATIONS OR WALLS, THAT ARE ALSO TO BE REMOVED. 1. THE CONTRACTOR AND GRADING SUBCONTRACTOR SHALL VERIFY THE SUITABILITY OF EXISTING AND PROPOSED SITE CONDITIONS

INCLUDING GRADES AND DIMENSIONS BEFORE START OF CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY 2. CONTRACTOR SHALL OBTAIN ANY REQUIRED GRADING PERMITS FROM THE AHJ.

(TP). IN LOCATIONS ALONG A CURB LINE, ADD 6-INCHES (OR THE HEIGHT OF THE CURB) TO THE TP GRADE FOR TOP OF CURB (TC)

4. UNLESS OTHERWISE NOTED, PROPOSED CONTOURS AND SPOT ELEVATIONS SHOWN OUTSIDE THE PAVEMENT AREAS REFLECT TOP OF 39.THE CONTRACTOR SHALL SAVE, PROTECT, AND STORE ALL EXISTING POWER POLES, SIGNS, WATER VALVES, FIRE HYDRANTS, METERS, 5. THE PROPOSED CONTOURS ARE APPROXIMATE. PROPOSED SPOT ELEVATIONS, HIGH POINTS (HP), LOW POINTS (LP), AND ANNOTATED

SLOPES ARE TO BE USED IN CASE OF DISCREPANCY. 7. WHEN PERFORMING THE GRADING OPERATIONS, THE CONTRACTOR SHALL PROVIDE AN APPROPRIATE ELEVATION HOLD-DOWN ALLOWANCE FOR THE THICKNESS OF PAVEMENT, SIDEWALK, TOPSOIL, MULCH, STONE, LANDSCAPING, RIP-RAP AND ALL OTHER

SURFACE MATERIALS THAT WILL CONTRIBUTE TO THE TOP OF FINISHED GRADE. NO REPRESENTATIONS OF EARTHWORK QUANTITIES OR SITE BALANCE ARE MADE BY THESE PLANS. THE CONTRACTOR SHALL PROVIDE THEIR OWN EARTHWORK CALCULATIONS TO DETERMINE THEIR CONTRACT QUANTITIES AND COST. ANY SIGNIFICANT VARIANCE FROM A BALANCED SITE SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.

9. UNLESS OTHERWISE AGREED UPON BY THE OWNER, ALL EXCAVATION IS UNCLASSIFIED AND SHALL INCLUDE ALL MATERIALS ENCOUNTERED. ALL UNUSABLE EXCAVATED MATERIAL AND WASTE RESULTING FROM SITE CLEARING, GRUBBING, AND STRIPPING OPERATIONS SHALL BE REMOVED FROM THE SITE AND BE APPROPRIATELY DISPOSED OF BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE. DISPOSAL SHALL BE IN A MANNER THAT ADHERES TO LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS.

10. THE CONTRACTOR SHALL KEEP A RECORD OF ALL DISPOSAL LOCATIONS, ALONG WITH RECEIVING LANDOWNER'S WRITTEN APPROVAL 11.BEFORE ANY EARTHWORK OPERATIONS ARE PERFORMED, THE CONTRACTOR SHALL STAKE AND MARK THE LIMITS OF THE PROJECT'S PROPERTY LINE AND SITE IMPROVEMENTS. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY ENGINEERING AND SURVEYING FOR LINE (HORIZONTAL) AND GRADE (VERTICAL) CONTROL POINTS RELATED TO EARTHWORK. THE CONTRACTOR SHALL REFER TO THE

APPLICABLE SITE PLAN, SURVEY, OR PLAT FOR THE PROJECT'S PROPERTY LINE AND PROPOSED IMPROVEMENT HORIZONTAL 12.CONTRACTOR TO DISPOSE OF ALL EXCESS EXCAVATION MATERIALS IN A MANNER THAT ADHERES TO LOCAL, STATE AND FEDERAL

LAWS AND REGULATIONS. THE CONTRACTOR SHALL KEEP A RECORD OF WHERE EXCESS EXCAVATION WAS DISPOSED, ALONG WITH 13.THE CONTRACTOR SHALL CLEAR, GRUB, AND STRIP THE SITE AND PLACE, COMPACT, AND CONDITION FILL PER THE GEOTECHNICAL

REPORT. FILL MATERIAL TO BE USED SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT. 14.CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF TOPSOIL AT THE COMPLETION OF FINE GRADING. CONTRACTOR SHALL REFER TO LANDSCAPE ARCHITECTURE PLANS FOR SPECIFICATIONS AND REQUIREMENTS FOR TOPSOIL.

REASON OR ANY LENGTH OF TIME, UNLESS OTHERWISE SHOWN ON THE PLANS AND PROVIDE PROVISIONS FOR ADEQUATE DRAINAGE. 16.TEMPORARY CULVERTS MAY BE REQUIRED IN SOME LOCATIONS TO CONVEY RUN-OFF DURING CONSTRUCTION. 15. CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT AND STRUCTURAL PLANS AND SPECIFICATIONS FOR FILL, CONDITIONING, AND PREPARATION OF THE BUILDING PAD AND ANY NOTED OVERBUILD OF THE BUILDING PAD.

15.NO EARTHWORK FILL SHALL BE PLACED IN ANY EXISTING DRAINAGE WAY, SWALE, CHANNEL, DITCH, CREEK, OR FLOODPLAIN FOR ANY

18.CONTRACTOR SHALL ENSURE THAT SUFFICIENT POSITIVE SLOPE AWAY FROM THE BUILDING PAD IS ACHIEVED FOR ENTIRE PERIMETER OF THE PROPOSED BUILDING(S) DURING GRADING OPERATIONS AND IN THE FINAL CONDITION. IF THE CONTRACTOR OBSERVES THAT THIS WILL NOT BE ACHIEVED, THE CONTRACTOR SHALL CONTACT THE ENGINEER IMMEDIATELY.

19.THE CONTRACTOR SHALL TAKE ALL AVAILABLE PRECAUTIONS TO CONTROL DUST BY SPRINKLING WATER, OR BY OTHER MEANS

APPROVED BY THE AHJ, AT NO ADDITIONAL COST TO THE OWNER. 20.EXISTING TREE LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY ALL TREE LOCATIONS GENERAL PROTECTED ZONES, AND INDIVIDUAL PROTECTED TREE CRITICAL ROOT ZONES. CONTRACTOR SHALL NOTIFY THE ENGINEER AND LANDSCAPE ARCHITECT OF ANY CONFLICTS WITH THE TREE PRESERVATION PLAN AND PROPOSED GRADING PRIOR TO

COMMENCING THE WORK 21.TREE PROTECTION MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE AHJ STANDARD TREE PROTECTION DETAILS AND THE

APPROVED TREE PRESERVATION PLAN. 22.CONTRACTOR SHALL REFER TO THE LANDSCAPING LANDSCAPE AND TREE PRESERVATIONS PLANS FOR ALL INFORMATION AND DETAILS REGARDING EXISTING TREES TO BE REMOVED AND PRESERVED.

23.NO TREE SHALL BE REMOVED UNLESS A TREE REMOVAL PERMIT HAS BEEN ISSUED BY THE AHJ, OR AHJ HAS OTHERWISE CONFIRMED IN WRITING THAT ONE IS NOT NEEDED

24.IN THE EVENT THAT A TREE PRESERVATION PLAN DOES NOT EXIST OR IS NOT REQUIRED BY THE AHJ, NO TREE SHALL BE REMOVED OR DAMAGED WITHOUT PRIOR AUTHORIZATION OF THE OWNER. EXISTING TREES SHALL BE PRESERVED WHENEVER POSSIBLE AND GRADING IMPACT TO THEM HELD TO A MINIMUM

25.AFTER PROPER PLACEMENT OF THE PAVEMENT SUBGRADE AND PRIOR TO PLACEMENT OF PAVEMENT, THE CONTRACTOR SHALL TEST AND OBSERVE PAVEMENT AREAS FOR EVIDENCE OF PONDING AND INADEQUATE SLOPE FOR DRAINAGE. ALL AREAS SHALL ADEQUATELY DRAIN TOWARDS THE INTENDED DRAINAGE STRUCTURE TO CONVEY STORMWATER RUNOFF. CONTRACTOR SHALL IMMEDIATELY NOTIFY OWNER AND ENGINEER IF ANY AREAS OF POOR DRAINAGE ARE DISCOVERED.

26.THE CONTRACTOR MAY MAKE FIELD ADJUSTMENTS OF PROPOSED SPOT GRADES, IF THE APPROVED BY THE ENGINEER.

1. RETAINING WALLS SHOWN ARE FOR SITE GRADING PURPOSES ONLY, AND INCLUDE ONLY LOCATION AND SURFACE SPOT ELEVATIONS AT THE TOP AND BASE OF WALL AT FINISHED GRADE. 2. RETAINING WALL TYPE, SYSTEM, AND COLORS SHALL BE SELECTED BY THE OWNER. RETAINING WALL DESIGNS SHALL BE PROCURED

4. STRUCTURAL DESIGN AND PERMITTING OF RETAINING WALLS, RAILINGS, AND OTHER WALL SAFETY DEVICES SHALL BE PERFORMED BY A LICENSED ENGINEER AND ARE NOT PART OF THIS PLAN SET. RETAINING WALL DESIGN SHALL MEET THE INTENT OF THE GRADING PLAN AND SHALL ACCOUNT FOR ANY INFLUENCE ON ADJACENT BUILDING FOUNDATIONS, UTILITIES, PROPERTY LINES AND OTHER CONSTRUCTABILITY NOTES.

5. RETAINING WALL DESIGN ENGINEER SHALL CONSULT THESE PLANS AND THE GEOTECHNICAL REPORT FOR POTENTIAL CONFLICTS.

1. ALL SUBGRADE AND PAVING MATERIALS AND ASSOCIATED CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE: PLANS, ARDOT STANDARD DETAILS AND SPECIFICATIONS (UNLESS OTHERISE NOTED THAT AHJ DETAILS AND SPECIFICATIONS SHALL BE FOLLOWED), FINAL GEOTECHNICAL REPORT AND ALL ISSUED ADDENDA, AND COMMONLY ACCEPTED CONSTRUCTION STANDARDS. THE ARDOT SPECIFICATIONS SHALL GOVERN WHERE OTHER SPECIFICATIONS DO NOT EXIST.

2. ACCESSIBLE CURB RAMPS ALONG PUBLIC STREETS AND IN THE PUBLIC RIGHT-OF-WAY SHALL BE CONSTRUCTED BASED ON THE AHJ STANDARD CONSTRUCTION DETAIL AND SPECIFICATIONS. 3. ACCESSIBLE PRIVATE CURB RAMPS ON THE SITE (I.E. OUTSIDE PUBLIC STREET RIGHT-OF-WAY) SHALL CONFORM TO ADA STANDARDS

4. ALL ACCESSIBLE RAMPS, STRIPING, SIGNAGE, AND PAVEMENT MARKINGS SHALL CONFORM TO ADA AND AHJ STANDARDS. 5. ANY COMPONENTS OF THE PROJECT SERVING MULTIFAMILY DWELLINGS IN BUILDINGS THAT HAVE 4 OR MORE UNITS PER BUILDING SHALL ALSO CONFORM TO THE FAIR HOUSING ACT, AND COMPLY WITH THE FAIR HOUSING ACT DESIGN MANUAL BY THE US DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT.

7. CONTRACTOR SHALL FURNISH AND INSTALL ALL PAVEMENT MARKINGS FOR FIRE LANES, PARKING STALLS, HANDICAPPED PARKING SYMBOLS, AND MISCELLANEOUS STRIPING WITHIN PARKING LOT AND AROUND BUILDING AS SHOWN ON THE PLANS. ALL PAINT AND PAVEMENT MARKINGS SHALL ADHERE TO AHJ AND OWNER STANDARDS

8. REFER TO GEOTECHNICAL REPORT FOR PAVING JOINT LAYOUT PLAN REQUIREMENTS FOR PRIVATE PAVEMENT. IF NONE EXISTS, THE CONTRACTOR SHALL PREPARE A JOINT LAYOUT PLAN FOR REVIEW BY THE GEOTECHNICAL ENGINEER PRIOR TO BEGINNING PAVEMENT ADEQ

9. REFER TO AHJ STANDARD DETAILS AND SPECIFICATIONS FOR JOINT LAYOUT PLAN REQUIREMENTS FOR PUBLIC PAVEMENT 10. ALL REINFORCING STEEL SHALL CONFORM TO THE GEOTECHNICAL REPORT, AHJ STANDARDS, AND ASTM A-615, GRADE 60, AND SHALL BE SUPPORTED BY BAR CHAIRS. CONTRACTOR SHALL USE THE MORE STRINGENT OF THE AHJ AND GEOTECHNICAL STANDARDS. 11. ALL JOINTS SHALL EXTEND THROUGH THE CURB.

12.THE MINIMUM LENGTH OF OFFSET JOINTS AT RADIUS POINTS SHALL BE 2 FEET.

13.REMOVAL OF EXISTING PAVEMENTS REQUIRE ALL SAWCUTS TO EXTEND THROUGH THE FULL DEPTH OF THE EXISTING PAVEMENT

14.FIRE LANES SHALL BE MARKED AND LABELED AS A FIRE LANE PER AHJ STANDARDS 15.UNLESS THE PLANS SPECIFICALLY DICTATE TO THE CONTRARY, ON-SITE AND OTHER DIRECTIONAL SIGNS SHALL BE ORIENTED SO

THEY ARE READILY VISIBLE TO THE ONCOMING TRAFFIC FOR WHICH THEY ARE INTENDED. 16.CONTRACTOR IS RESPONSIBLE FOR INSTALLING NECESSARY CONDUIT FOR LIGHTING, IRRIGATION, ETC. PRIOR TO PLACEMENT OF

PAVEMENT. ALL CONSTRUCTION DOCUMENTS (CIVIL, MEP, LANDSCAPE, IRRIGATION, AND ARCHITECTURE) SHALL BE CONSULTED FOR POTENTIAL PLACEMENT LOCATIONS. 17.BEFORE PLACING PAVEMENT, CONTRACTOR SHALL VERIFY THAT SUITABLE ACCESSIBLE PEDESTRIAN ROUTES (PER ADA, AND FHA) EXIST TO AND FROM EVERY DOOR AND ALONG SIDEWALKS, ACCESSIBLE PARKING SPACES, ACCESS AISLES, AND ACCESSIBLE ROUTES. IN NO CASE SHALL AN ACCESSIBLE RAMP RUN SLOPE EXCEED 1 VERTICAL TO 12 HORIZONTAL. IN NO CASE SHALL SIDEWALK CROSS

SLOPE (INCLUDING RAMPS OR LANDINGS) EXCEED 2.0 PERCENT. IN NO CASE SHALL LONGITUDINAL SIDEWALK SLOPE EXCEED 5.0 PERCENT. ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL NOT EXCEED 2.0 PERCENT SLOPE IN ANY DIRECTION. 18.CONTRACTOR SHALL TAKE FIELD SLOPE MEASUREMENTS ON FINISHED SUBGRADE AND FORM BOARDS PRIOR TO PLACING PAVEMENT TO VERIFY THAT ADA SLOPE REQUIREMENTS ARE PROVIDED. CONTRACTOR SHALL CONTACT ENGINEER PRIOR TO PAVING IF ANY EXCESSIVE SLOPES ARE ENCOUNTERED. NO CONTRACTOR CHANGE ORDERS WILL BE ACCEPTED FOR ADA SLOPE COMPLIANCE

STORM DRAINAGE THE CONTRACTOR SHALL PROVIDE ALL MATERIALS AND APPURTENANCES NECESSARY FOR COMPLETE INSTALLATION OF THE STORM

THE CONTRACTOR SHALL FIELD VERIFY THE SIZE, CONDITION, HORIZONTAL, AND VERTICAL LOCATIONS OF ALL EXISTING STORM SEWER FACILITIES THAT ARE TO BE CONNECTED TO PRIOR TO START OF CONSTRUCTION OF ANY STORM SEWER. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.

THE CONTRACTOR SHALL VERIFY AND COORDINATE ALL DIMENSIONS SHOWN, BOTH HORIZONTAL AND VERTICAL AS THEY RELATE TO UTLITIES CROSSING THE STORM SEWER, TO INCLUDE THE HORIZONTAL AND VERTICAL LOCATION OF ANY DRAINAGE INLET 4. FLOW LINE, TOP-OF-CURB, RIM, THROAT, AND GRATE ELEVATIONS OF PROPOSED INLETS SHALL BE VERIFIED WITH THE GRADING PLAN

AND FIELD CONDITIONS PRIOR TO THEIR INSTALLATION. 5. ALL PUBLIC STORM SEWER CONSTRUCTION, PIPE, STRUCTURES, AND FITTINGS SHALL ADHERE TO AHJ STANDARD DETAILS AND SPECIFICATIONS. CONTRACTOR SHALL ARRANGE FOR REQUIRED AHJ INSPECTIONS. 6. ALL PRIVATE STORM SEWER CONSTRUCTION, PIPE, STRUCTURES, AND FITTINGS SHALL ADHERE TO THE APPLICABLE PLUMBING CODE,

UNLESS OTHERWISE NOTED. CONTRACTOR SHALL ARRANGE FOR REQUIRED AHJ INSPECTIONS ALL STORM PIPE CONNECTIONS ENTERING STRUCTURES OR OTHER STORM PIPES SHALL HAVE A CONCRETE COLLAR AND BE GROUTED TO ASSURE THE CONNECTION IS WATERTIGHT. 8. ALL PUBLIC OR PRIVATE STORM SEWER PIPE 18-INCHES AND GREATER SHALL BE CLASS III RCP OR OTHER APPROVED MATERIAL.

9. WHERE COVER EXCEEDS 20-FEET OR IS LESS THAN 2-FEET, CLASS IV RCP SHALL BE USED. 10.IF CONTRACTOR PROPOSES TO USE HDPE OR PVC IN LIEU OF RCP FOR PRIVATE STORM SEWER, CONTRACTOR SHALL SUBMIT TECHNICAL DATA TO THE OWNER, ENGINEER AND AHJ ENGINEER/INSPECTOR FOR APPROVAL PRIOR TO ORDERING THE MATERIAL.

11. THE CONTRACTOR SHALL PROVIDE CONSTRUCTION SURVEYING FOR ALL STORM SEWER LINES 12.EMBEDMENT AND BACKFILL FOR ALL STORM SEWER LINES, PUBLIC OR PRIVATE, SHALL BE PER AHJ STANDARD DETAILS. 13. ALL WYE CONNECTIONS AND PIPE BENDS ARE TO BE PREFABRICATED AND INSTALLED PER MANUFACTURERS SPECIFICATIONS.

1. ANY PONDS THAT ARE INTENDED TO HOLD WATER INDEFINITELY (WET PONDS) SHALL BE CONSTRUCTED AS FOLLOWS:

a. WET PONDS SHALL BE WATERTIGHT. b. THE CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT FOR POND LINER SPECIFICATIONS. c. A GEOTECHNICAL ENGINEER SHALL REVIEW AND APPROVE ALL POND LINER MATERIAL, PLACEMENT PROCEDURES, AND PROVIDE

d. STORM SEWER PIPES AND HEADWALLS THAT CONNECT TO A WET POND SHALL BE INSTALLED WITH WATERTIGHT JOINTS TO AT LEAST 1-FOOT ABOVE THE NORMAL POOL WATER SURFACE ELEVATION. e. ANY GRAVEL OR OTHER PERVIOUS EMBEDMENT AROUND PIPES OR OUTFALL STRUCTURES NEAR THE WET POND SHALL BE

ELIMINATED FOR AT LEAST 20-FEET FROM THE WET POND SO NO ROUTE FOR WATER TO LEAK THROUGH THE EMBEDMENT MATERIAL IS PROP PROVIDED. BACKFILL IN THESE AREAS SHALL BE OF IMPERVIOUS MATERIAL f. THE WATER LEVEL FOLLOWING COMPLETION AND FILLING OF THE WET POND SHALL BE MONITORED BY THE CONTRACTOR FOR AT LEAST 60 DAYS TO OBSERVE WATER INFLOW, OUTFLOW, AND CALCULATE EVAPORATION TO VERIFY THAT THE POND IS WATERTIGHT.

REMAINS FULL TO ITS DESIGN WATER LEVEL, AND IS NOT LOWERED, AS THIS MAY DRY-OUT THE POND LINER AND RISK ITS WATERTIGHT PROPERTIES.

CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY DISCREPANCIES IMMEDIATELY.

TESTING TO ENSURE THE POND LINER MATERIAL PLACED IS WATERTIGHT.

ANY PROPOSED HDPE AND PVC SHALL BE WATERTIGHT.

1. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS AND APPURTENANCES NECESSARY FOR COMPLETE INSTALLATION OF THE WATER AND WASTEWATER IMPROVEMENTS 2. THE CONTRACTOR SHALL FIELD VERIFY THE SIZE, CONDITION, HORIZONTAL, AND VERTICAL LOCATIONS OF ALL EXISTING WATER AND

WASTEWATER FACILITIES THAT ARE TO BE CONNECTED TO PRIOR TO START OF CONSTRUCTION OF ANY WATER OR WASTEWATER. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES IMMEDIATELY. 3. THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATION OF ALL UTILITY CROSSINGS PRIOR TO THE INSTALLATION OF ANY WATER OR WASTEWATER PIPE.

4. ALL PUBLIC WATER AND WASTEWATER PIPE, STRUCTURES, AND FITTINGS SHALL ADHERE TO AHJ STANDARD DETAILS AND SPECIFICATIONS. CONTRACTOR SHALL ARRANGE FOR REQUIRED AHJ INSPECTIONS. 5. ALL PRIVATE FIRE SERVICE MAINS SHALL BE PVC C900-16, DR-18 (MIN PC200) OR APPROVED EQUAL. ALL PRIVATE FIRE SERVICE MAINS

AND 24. INCLUDING ALL AHJ AMENDMENTS E. ALL PRIVATE WATER SERVICE PIPE SHALL BE TYPE K COPPER TUBING OR SCHEDULE 40 PVC, AND CONFORM TO AND BE INSTALLED PER THE PLUMBING CODE, INCLUDING ANY AHJ AMENDMENTS. 1. ALL NON-POTABLE WATER REUSE PIPING SHALL CONFORM TO AND BE INSTALLED PER THE PLUMBING CODE, INCLUDING ANY AHJ

AMENDMENTS. THIS INCLUDES ALL SIGNAGE, LABELING, AND MARKING. THE COLOR PURPLE SHALL BE USED, PER CODE, TO IDENTIFY 8. ALL PRIVATE BUILDING SEWER LINES SHALL BE A MINIMUM OF SCHEDULE 40, ASTM F789/D3212. ALL SANITARY SEWER LINES DEEPER THAN 15 FEET SHALL BE A MINIMUM OF PVC SDR-26. (PIPE SIZES 6 INCHES AND SMALLER SHALL BE PVC SCHEDULE 40, AND PIPE SIZES

8 INCHES OR LARGER MAY BE SDR35). BUILDING SEWER LINES SHALL CONFORM TO AND BE INSTALLED PER THE PLUMBING CODE, INCLUDING ANY AHJ AMENDMENTS. 9. FIRE SPRINKLER LINES SHALL BE DESIGNED AND INSTALLED BY A LICENSED FIRE SPRINKLER CONTRACTOR, AND COMPLY TO ALL APPLICABLE CODES REQUIRED. THESE PLANS WERE PREPARED WITHOUT THE BENEFIT OF THE FIRE SPRINKLER DESIGN.

10.EMBEDMENT AND BACKFILL FOR ALL WATER AND WASTEWATER LINES, PUBLIC OR PRIVATE, SHALL BE PER AHJ STANDARD DETAILS 11.CONTRACTOR SHALL TAKE REQUIRED SANITARY PRECAUTIONS, FOLLOWING ANY AHJ, AND AWWA STANDARDS, TO KEEP WATER PIPE

AND FITTINGS CLEAN AND CAPPED AT TIMES WHEN INSTALLATION IS NOT IN PROGRESS. 12.ALL WATER AND WASTEWATER SERVICES SHALL TERMINATE 5-FEET OUTSIDE THE BUILDING, UNLESS NOTED OTHERWISE 13. CONTRACTOR SHALL SEQUENCE WATER AND WASTEWATER CONSTRUCTION TO AVOID INTERRUPTION OF SERVICE TO SURROUNDING

PROPERTIES. IF REQUIRED, CONTRACTOR SHALL COMPLY WITH AHJ REQUIREMENTS FOR WATER AND WASTEWATER SERVICE DISRUPTIONS AND THE AMOUNT OF PRIOR NOTICE THAT IS REQUIRED, AND SHALL COORDINATE DIRECTLY WITH THE AHJ

14.CONTRACTOR SHALL MAINTAIN WATER SERVICE AND WASTEWATER SERVICE TO ALL CUSTOMERS THROUGHOUT CONSTRUCTION (IF NECESSARY, BY USE OF TEMPORARY METHODS APPROVED BY THE AHJ AND OWNER). THIS WORK SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.

15.CONTRACTOR IS RESPONSIBLE TO PROTECT ALL EXISTING WATER AND WASTEWATER LINES CROSSING THE PROJECT. THE CONTRACTOR SHALL REPAIR ALL DAMAGED LINES IMMEDIATELY. ALL REPAIRS OF EXISTING WATER MAINS, WATER SERVICES, SEWER MAINS, AND SANITARY SEWER SERVICES ARE SUBSIDIARY TO THE WORK, AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED. 16.VALVE ADJUSTMENTS SHALL BE CONSTRUCTED SUCH THAT THE COVERS ARE AT FINISHED GRADE OF THE PROPOSED PAVEMENT. 17.THE ENDS OF ALL EXISTING WATER AND WASTEWATER MAINS THAT ARE CUT, BUT NOT REMOVED, SHALL BE PLUGGED AND

ADDITIONAL COMPENSATION SHALL BE ALLOWED. 18.ALL FIRE HYDRANTS, VALVES, TEES, BENDS, WYES, REDUCERS, FITTINGS, AND ENDS SHALL BE MECHANICALLY RESTRAINED AND/OR

ABANDONED IN PLACE PER AHJ REQUIREMENTS. THIS WORK SHALL BE CONSIDERED AS A SUBSIDIARY COST TO THE PROJECT AND NO

THRUST BLOCKED TO AHJ STANDARDS. 19.CONTRACTOR SHALL INSTALL A FULL SEGMENT OF WATER OR WASTEWATER PIPE CENTERED AT ALL UTILITY CROSSINGS SO THAT THE JOINTS ARE GREATER THAN 10-FEET FROM THE CROSSING.

20.ALL CROSSINGS AND LOCATIONS WHERE WASTEWATER IS LESS THAN 10-FEET FROM WATER, SHALL BE PROTECTED ACCORDING TO

21.ALL CROSSING AND LOCATIONS WHERE WATER IS LESS THAN 10-FEET FROM WASTEWATER, SHALL BE PROTECTED ACCORDING TO AHJ SPECIFICATIONS 22.ALL WATER AND WASTEWATER SHALL BE TESTED IN ACCORDANCE WITH THE AHJ, AND AWWA STANDARDS AND SPECIFICATIONS. AT A

MINIMUM, THIS SHALL CONSIST OF THE FOLLOWING: a. ALL WATERLINES SHALL BE HYDROSTATICALLY TESTED AND CHLORINATED BEFORE BEING PLACED INTO SERVICE. CONTRACTOR SHALL COORDINATE WITH THE AHJ FOR THEIR REQUIRED PROCEDURES

b. WASTEWATER LINES AND MANHOLES SHALL BE PRESSURE TESTED. CONTRACTOR SHALL COORDINATE WITH THE AHJ FOR THEIR REQUIRED PROCEDURES. AFTER COMPLETION OF THESE TESTS, A TELEVISION INSPECTION SHALL BE PERFORMED AND PROVIDED TO THE AHJ AND OWNER IN DIGITAL FORMAT

23.CONTRACTOR SHALL INSTALL DETECTABLE WIRING OR MARKING TAPE A MINIMUM OF 12" ABOVE WATER AND WASTEWATER LINES. MARKER DECALS SHALL BE LABELED "CAUTION - WATER LINE", OR "CAUTION - SEWER LINE". DETECTABLE WIRING AND MARKING TAPE SHALL COMPLY WITH AHJ STANDARDS, AND SHALL BE INCLUDED IN THE COST OF THE WATER AND WASTEWATER PIPE 24.DUCTILE IRON PIPE SHALL BE PROTECTED FROM CORROSION BY A LOW-DENSITY POLYETHYLENE LINER WRAP THAT IS AT LEAST A SINGLE LAYER OF 8-MIL. ALL DUCTILE IRON JOINTS SHALL BE BONDED. CORROSION PROTECTION SHALL COMPLY WITH AHJ

25.WATERLINES SHALL BE INSTALLED AT NO LESS THAN THE MINIMUM COVER REQUIRED BY THE AHJ. 26.CONTRACTOR SHALL PROVIDE CLEAN-OUTS FOR PRIVATE SANITARY SEWER LINES AT ALL CHANGES IN DIRECTION AND 100-FOOT INTERVALS, OR AS REQUIRED BY THE APPLICABLE PLUMBING CODE. CLEAN-OUTS REQUIRED IN PAVEMENT OR SIDEWALKS SHALL

HAVE CAST IRON COVERS FLUSH WITH FINISHED GRADE. 27.CONTRACTOR SHALL PROVIDE BACKWATER VALVES FOR PLUMBING FIXTURES AS REQUIRED BY THE APPLICABLE PLUMBING CODE (E.G FLOOR ELEVATION OF A FIXTURE UNIT IS BELOW THE ELEVATION OF THE MANHOLE COVER OF THE NEXT UPSTREAM MANHOLE IN THE PUBLIC SEWER). CONTRACTOR SHALL REVIEW BOTH MEP AND CIVIL PLANS TO CONFIRM WHERE THESE ARE REQUIRED.

ABBREVIATIONS AND DEFINITIONS: AMERICANS WITH DISABILITIES ACT AUTHORITY HAVING JURISDICTION ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY ARDOT ARKANSAS DEPARTMENT OF TRANSPORTATION AWWA AMERICAN WATER WORKS ASSOCIATION BACK-TO-BACK **BEGIN CURVE** BACK OF CURB BEGIN CURB RETURN BEST MANAGEMENT PRACTICE BACK OF CURB BEGIN VERTICAL CURVE ELEVATION BEGIN VERTICAL CURVE STATION BASE OF WALI AT TOP OF FINISHED GRADE

STANDARDS, AND SHALL BE INCLUDED IN THE COST OF THE WATER PIPE.

CUBIC FEET PER SECOND AUTHORITY HAVING JURISDICTION (CITY, TOWN, OR OTHER APPLICABLE GOVERNMENT JURISDICTION) C/L OR CL CENTERLINE

CONC CONCRETE CUBIC YARD DEMO DEMOLITION DECOMPOSED GRANITE DTL DETAIL EACH

END CURVE **END CURB RETURN** EXISTING GROUND **ELEVATION** ELECTRICAL **ELEVATION**

EDGE OF PAVEMENT ENGINEER OF RECORD UNITES STATES ENVIRONMENTAL PROTECTION AGENCY

END VERTICAL CURVE ELEVATION FXISTING

FACE TO FACE FINISHED GROUND FIRE HYDRAN FLOW LINE FACE OF CURB

FEET GUTTER HYDRAULIC GRADE LINE KIMLEY-HORN AND ASSOCIATES, INC. KIMLEY-HORN AND ASSOCIATES, INC.

LATERAL LINEAR FEET MAXIMUM

MATCH EXISTING ELEVATION MANHOLE MINUTE / MINIMUM

> NUMBER NOTICE OF INTENT NOTICE OF TERMINATION

NOT TO SCALE ON CENTER OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

POINT OF CURVATURE PORTLAND CEMENT CONCRETE / POINT OF COMPOUND CURVATURE PROPOSED GRADE LINE POINT OF INFLECTION PROPOSED

POUNDS PER SQUARE INCH POINT OF TANGENCY POLYVINYL CHLORIDE g. THE WET POND WATER LEVEL SHALL ALSO BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF CONSTRUCTION SO THAT IT

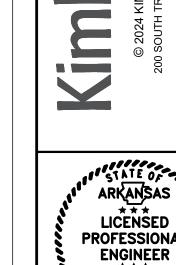
PAVEMENT REINFORCED CONCRETE PIPE RIGHT OF WAY

SANITARY SEWER SANITARY SEWER MANHOLE

SQUARE YARD TOP OF CURB **TEMPORARY** THROAT

WATER WASTEWATER ALL THE NOTES AND SPECIFICATIONS ON THIS PAGE ARE APPLICABLE TO THE ENTIRE

ALL REFERENCES TO AHJ OR ADA SPECIFICATIONS OR STANDARDS SHALL MEAN THE



PROFESSIONA ENGINEER NOT FOR CONSTRUCTION

SHEET NUMBER

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MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES

POINT OF REVERSE CURVATURE POINT OF VERTICAL INFLECTION

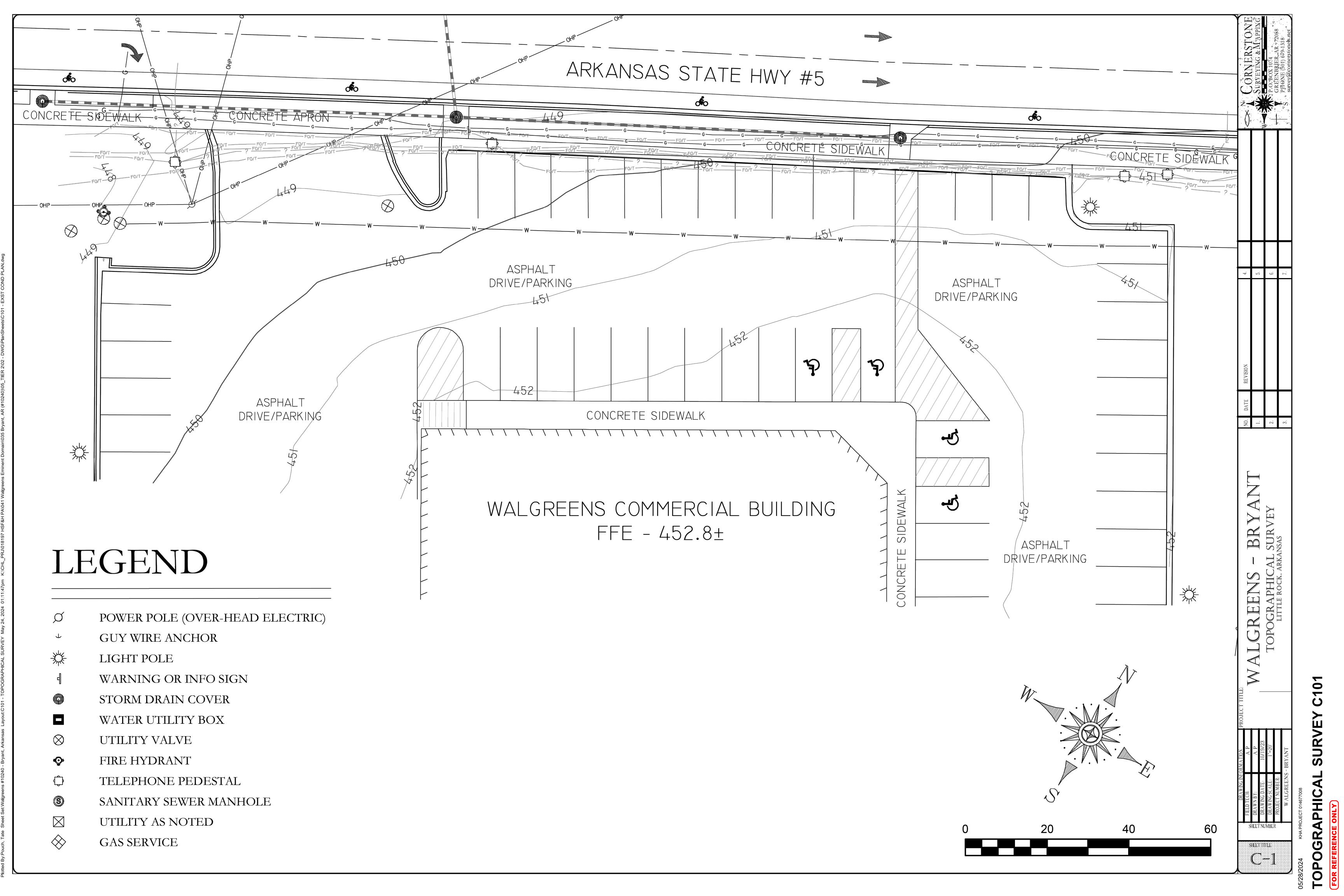
RIGHT SQUARE FEET STATION STANDARD

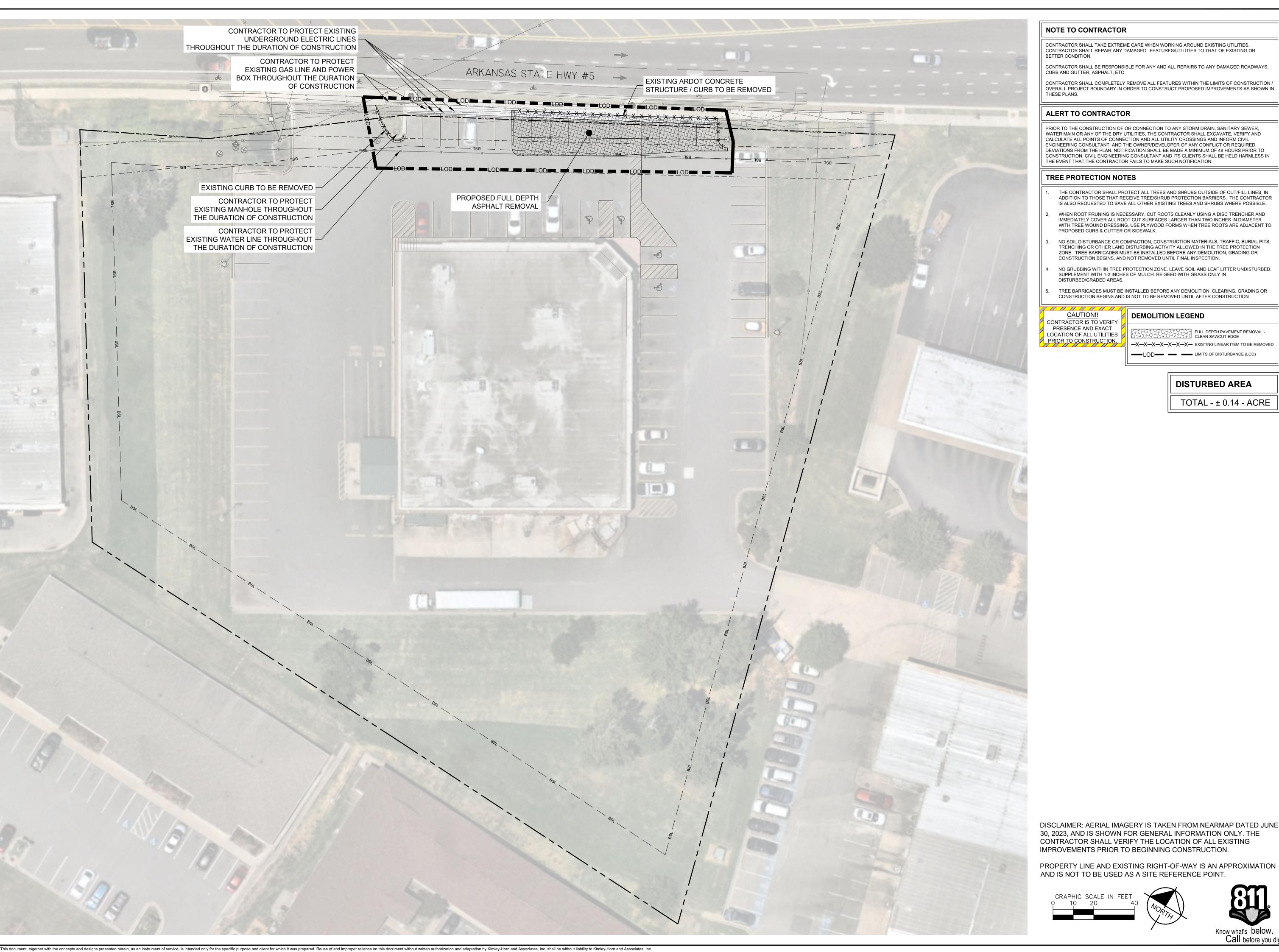
TOP OF WALL AND ALL ASSOCIATED FIRE PROTECTION APPURTENANCES SHALL BE INSTALLED, FLUSHED, AND TESTED TO CONFORM WITH NFPA 13 TYPICAL VERTICAL CURVE

> PROJECT. SECTION HEADINGS ARE PROVIDED FOR GENERAL GUIDANCE AND SUBJECT ORGANIZATION ONLY. NOTES WITHIN ANY GIVEN SECTION ARE NOT TO BE CONSTRUED AS THE ONLY NOTES APPLICABLE TO THAT SUBJECT. INDIVIDUAL SHEETS (E.G. GRADING PLAN) SHALL ALSO BE REFERENCED FOR ADDITIONAL NOTES AND SPECIFICATIONS. ALL CONTRACTORS AND SUBCONTRACTORS SHALL READ AND UNDERSTAND ALL NOTES AND SPECIFICATIONS FOR THE PROJECT AND IMPLEMENT THE REQUIREMENTS SPECIFIED HEREIN AS APPLICABLE TO ANY TRADE. FOR ANY CONFLICT BETWEEN NOTES OR SPECIFICATIONS, THE STRICTER SHALL GOVERN UNLESS OTHERWISE APPROVED BY THE

MOST CURRENT EDITION OF THE SAME.

ENGINEER BEFORE CONSTRUCTION COMMENCES.





NOTE TO CONTRACTOR

CONTRACTOR SHALL TAKE EXTREME CARE WHEN WORKING AROUND EXISTING UTILITIES. CONTRACTOR SHALL REPAIR ANY DAMAGED FEATURES/UTILITIES TO THAT OF EXISTING OR

> CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL REPAIRS TO ANY DAMAGED ROADWAYS, CURB AND GUTTER, ASPHALT, ETC.

CONTRACTOR SHALL COMPLETELY REMOVE ALL FEATURES WITHIN THE LIMITS OF CONSTRUCTION / OVERALL PROJECT BOUNDARY IN ORDER TO CONSTRUCT PROPOSED IMPROVEMENTS AS SHOWN IN

ALERT TO CONTRACTOR

PRIOR TO THE CONSTRUCTION OF OR CONNECTION TO ANY STORM DRAIN, SANITARY SEWER, WATER MAIN OR ANY OF THE DRY UTILITIES, THE CONTRACTOR SHALL EXCAVATE, VERIFY AND CALCULATE ALL POINTS OF CONNECTION AND ALL UTILITY CROSSINGS AND INFORM CIVIL ENGINEERING CONSULTANT AND THE OWNER/DEVELOPER OF ANY CONFLICT OR REQUIRED DEVIATIONS FROM THE PLAN. NOTIFICATION SHALL BE MADE A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION. CIVIL ENGINEERING CONSULTANT AND ITS CLIENTS SHALL BE HELD HARMLESS IN THE EVENT THAT THE CONTRACTOR FAILS TO MAKE SUCH NOTIFICATION.

TREE PROTECTION NOTES

- THE CONTRACTOR SHALL PROTECT ALL TREES AND SHRUBS OUTSIDE OF CUT/FILL LINES, IN ADDITION TO THOSE THAT RECEIVE TREE/SHRUB PROTECTION BARRIERS. THE CONTRACTOR IS ALSO REQUESTED TO SAVE ALL OTHER EXISTING TREES AND SHRUBS WHERE POSSIBLE.
- WHEN ROOT PRUNING IS NECESSARY, CUT ROOTS CLEANLY USING A DISC TRENCHER AND IMMEDIATELY COVER ALL ROOT CUT SURFACES LARGER THAN TWO INCHES IN DIAMETER WITH TREE WOUND DRESSING. USE PLYWOOD FORMS WHEN TREE ROOTS ARE ADJACENT TO PROPOSED CURB & GUTTER OR SIDEWALK.
- NO SOIL DISTURBANCE OR COMPACTION, CONSTRUCTION MATERIALS, TRAFFIC, BURIAL PITS. TRENCHING OR OTHER LAND DISTURBING ACTIVITY ALLOWED IN THE TREE PROTECTION ZONE. TREE BARRICADES MUST BE INSTALLED BEFORE ANY DEMOLITION, GRADING OR CONSTRUCTION BEGINS, AND NOT REMOVED UNTIL FINAL INSPECTION.
- NO GRUBBING WITHIN TREE PROTECTION ZONE. LEAVE SOIL AND LEAF LITTER UNDISTURBED. SUPPLEMENT WITH 1-2 INCHES OF MULCH. RE-SEED WITH GRASS ONLY IN DISTURBED/GRADED AREAS.
- TREE BARRICADES MUST BE INSTALLED BEFORE ANY DEMOLITION, CLEARING, GRADING OR CONSTRUCTION BEGINS AND IS NOT TO BE REMOVED UNTIL AFTER CONSTRUCTION.

DEMOLITION LEGEND

FULL DEPTH PAVEMENT REMOVAL -CLEAN SAWCUT EDGE —X—X—X—X—X—X—X— EXISTING LINEAR ITEM TO BE REMOVED

LIMITS OF DISTURBANCE (LOD)

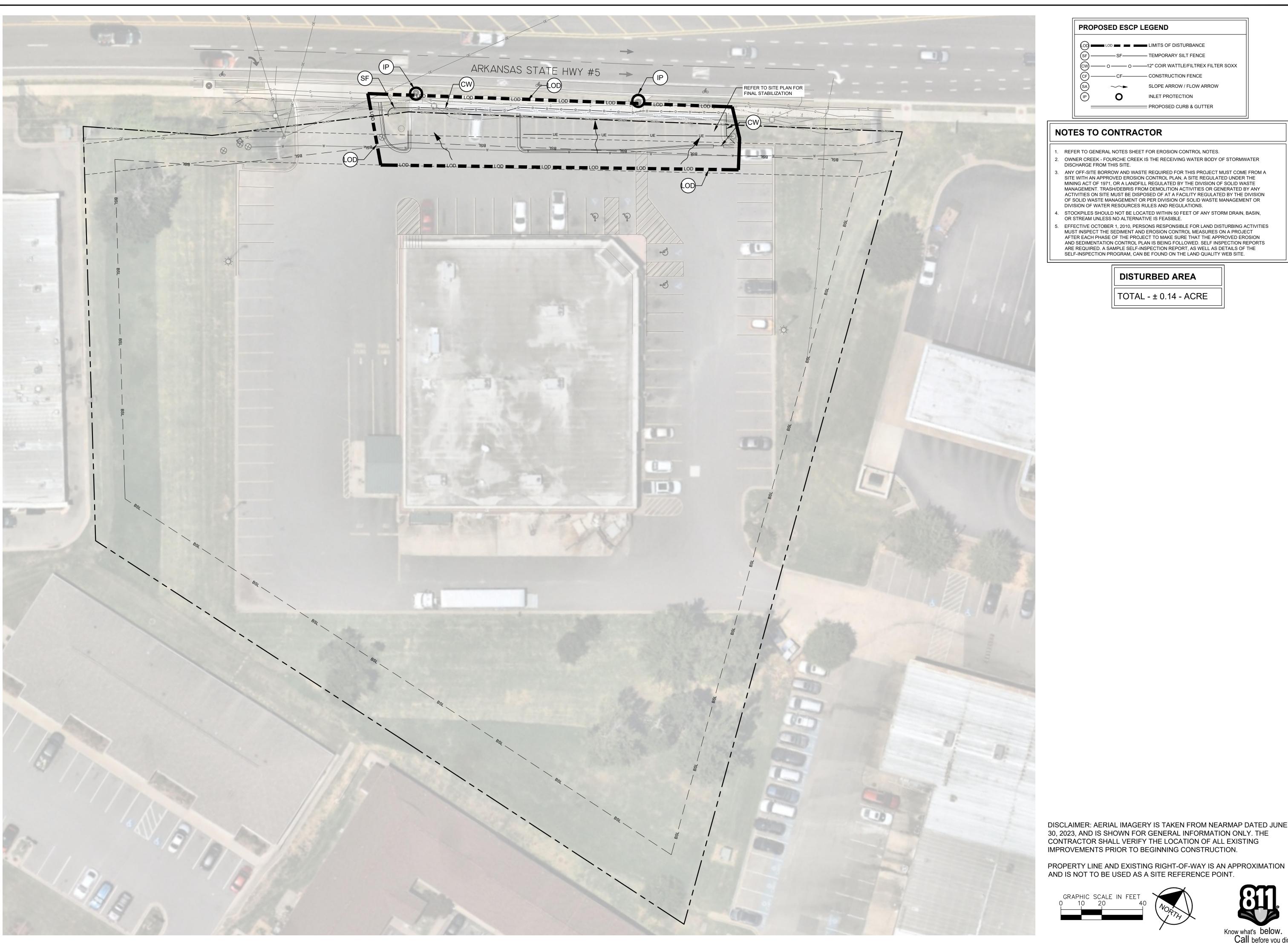
DISTURBED AREA

TOTAL - ± 0.14 - ACRE

ARKANSAS LICENSED **PROFESSIONAL** ENGINEER *** No. 21699

NOT FOR CONSTRUCTION

SHEET NUMBER



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PROPOSED ESCP LEGEND

(OD) LOD LOD LOD LIMITS OF DISTURBANCE ————— TEMPORARY SILT FENCE O O 12" COIR WATTLE/FILTREX FILTER SOXX -CF----CONSTRUCTION FENCE SLOPE ARROW / FLOW ARROW INLET PROTECTION

PROPOSED CURB & GUTTER

NOTES TO CONTRACTOR

- . REFER TO GENERAL NOTES SHEET FOR EROSION CONTROL NOTES. 2. OWNER CREEK - FOURCHE CREEK IS THE RECEIVING WATER BODY OF STORMWATER
- ANY OFF-SITE BORROW AND WASTE REQUIRED FOR THIS PROJECT MUST COME FROM A SITE WITH AN APPROVED EROSION CONTROL PLAN, A SITE REGULATED UNDER THE MINING ACT OF 1971, OR A LANDFILL REGULATED BY THE DIVISION OF SOLID WASTE MANAGEMENT. TRASH/DEBRIS FROM DEMOLITION ACTIVITIES OR GENERATED BY ANY ACTIVITIES ON SITE MUST BE DISPOSED OF AT A FACILITY REGULATED BY THE DIVISION
- OF SOLID WASTE MANAGEMENT OR PER DIVISION OF SOLID WASTE MANAGEMENT OR DIVISION OF WATER RESOURCES RULES AND REGULATIONS. STOCKPILES SHOULD NOT BE LOCATED WITHIN 50 FEET OF ANY STORM DRAIN, BASIN, OR STREAM UNLESS NO ALTERNATIVE IS FEASIBLE.
- EFFECTIVE OCTOBER 1, 2010, PERSONS RESPONSIBLE FOR LAND DISTURBING ACTIVITIES MUST INSPECT THE SEDIMENT AND EROSION CONTROL MEASURES ON A PROJECT AFTER EACH PHASE OF THE PROJECT TO MAKE SURE THAT THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN IS BEING FOLLOWED. SELF INSPECTION REPORTS
 ARE REQUIRED. A SAMPLE SELF-INSPECTION REPORT, AS WELL AS DETAILS OF THE SELF-INSPECTION PROGRAM, CAN BE FOUND ON THE LAND QUALITY WEB SITE.

DISTURBED AREA

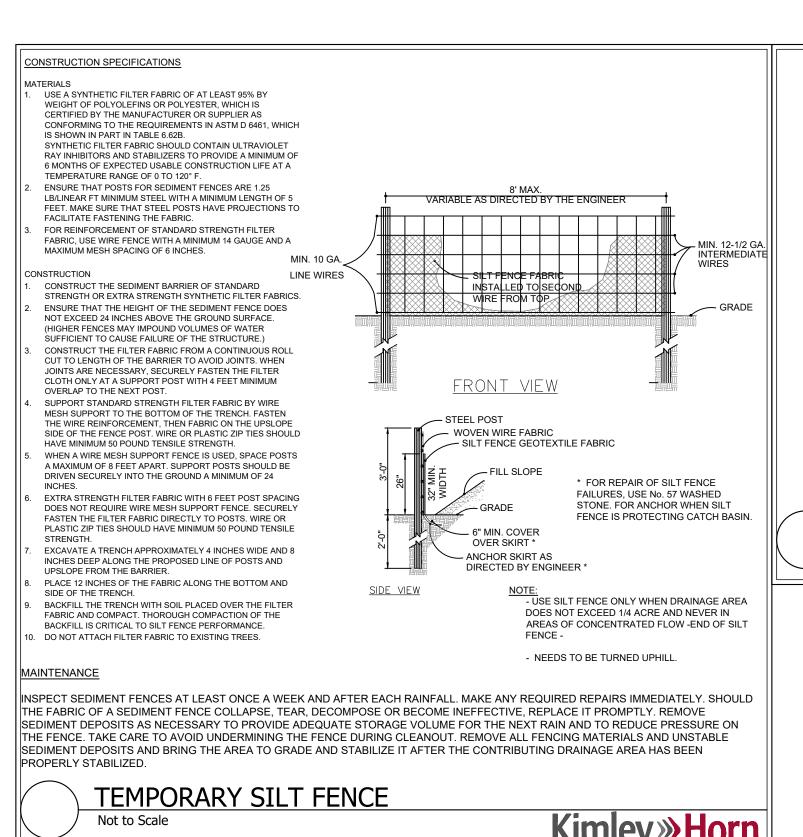
TOTAL - ± 0.14 - ACRE

ARKANSAS LICENSED PROFESSIONAL ENGINEER * * * No. 21699

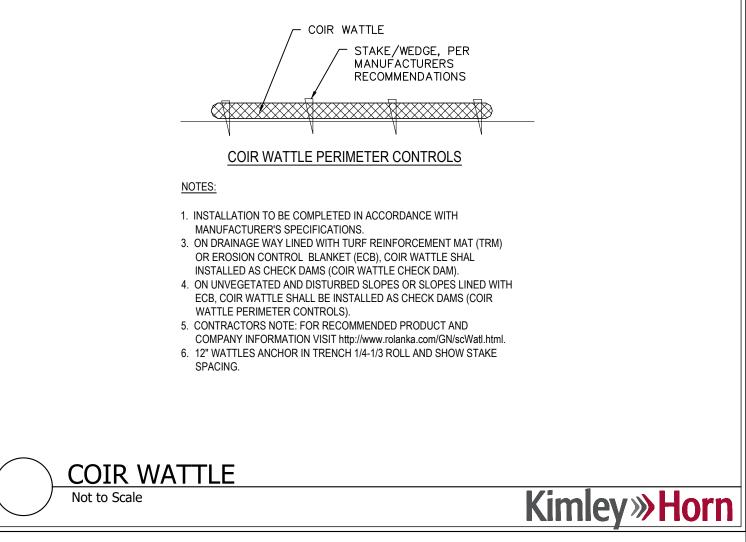
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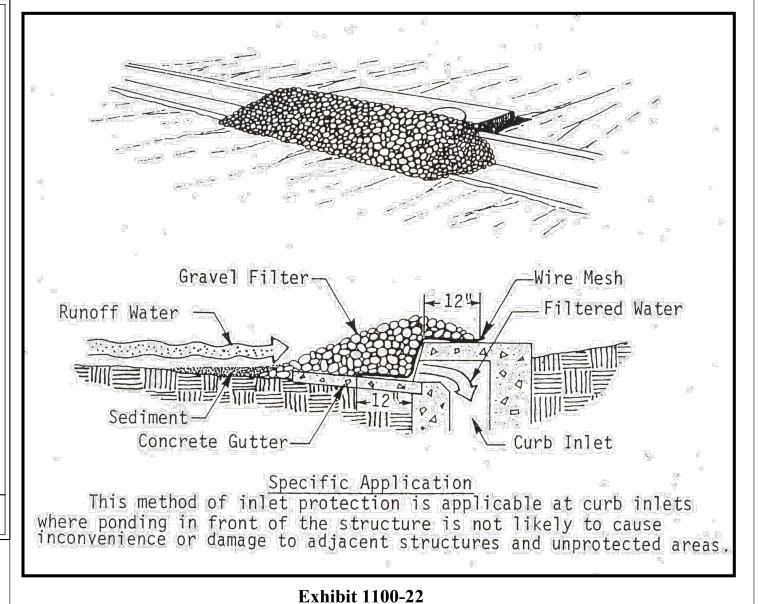
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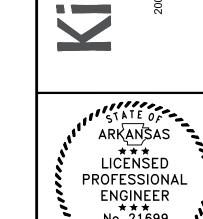


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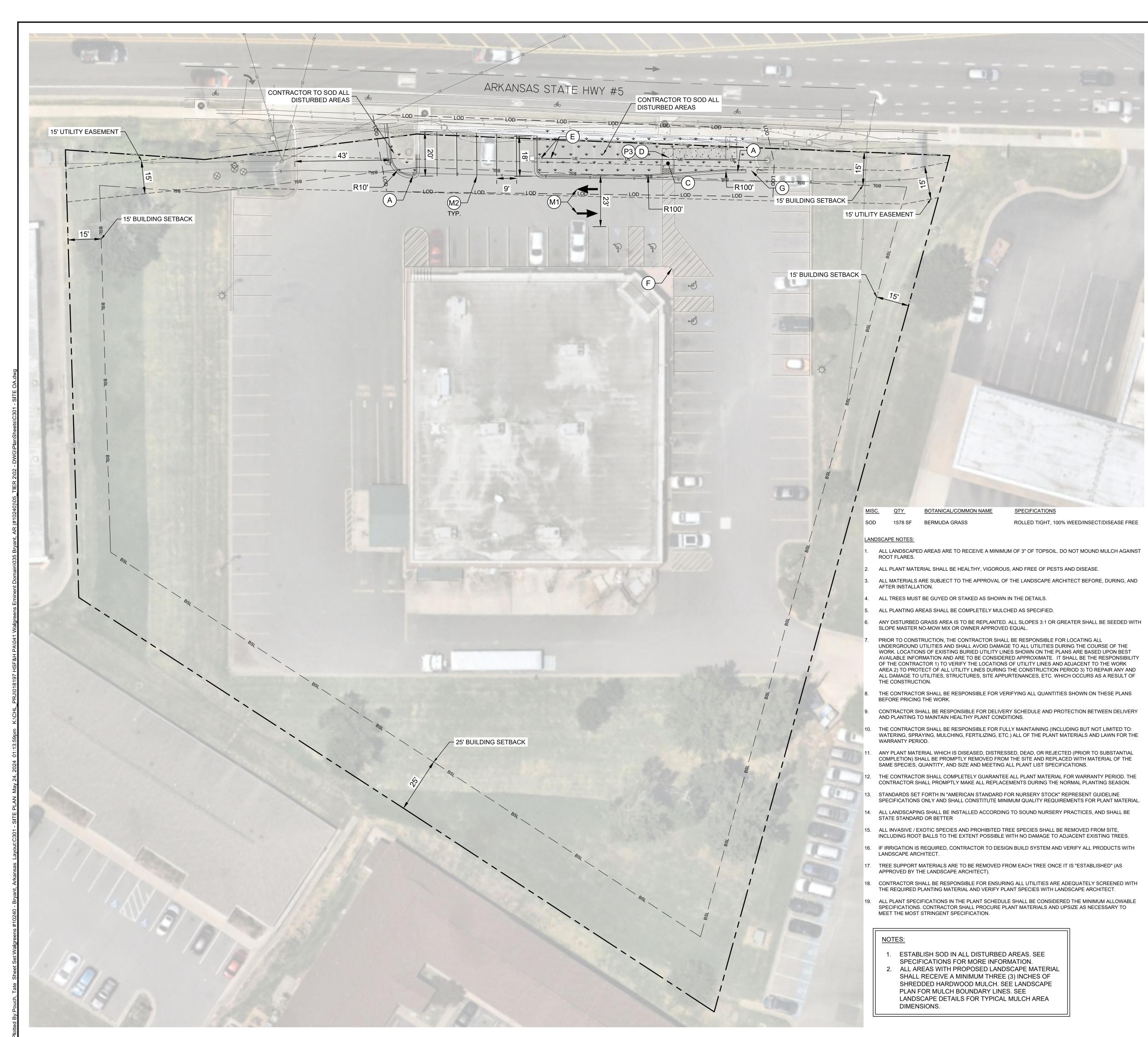
(Source: Virginia Erosion and Sediment Control Handbook)



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SITE DEVELOPMENT PLAN NOTES

. SEE "GENERAL NOTES" SHEET FOR SITE GENERAL CONSTRUCTION NOTES, PAVING, STRIPING, GRADING, AND ZONING NOTES.

PLATS AND SURVEYS FOR ADDITIONAL PROPERTY INFORMATION.

- 2. SEE "TOPOGRAPHICAL SURVEY" FOR COMPLETE BOUNDARY DESCRIPTION, ADJOINING
- PROPERTIES, ZONING AND USE.
- 3. SEE "SITE DETAILS" SHEETS FOR DETAILS REFERENCED ON THE SITE PLANS. . ALL DIMENSIONS SHOWN ARE MEASURED FROM THE FACE OF CURB TO FACE OF CURB, UNLESS OTHERWISE NOTED. DIMENSIONS LABELED "EOP" ARE MEASURED FROM LIP OF GUTTER TO LIP
- . DIMENSIONS TO THE BUILDING ARE MEASURED TO THE EXTERIOR OF THE FOUNDATION WALL
- UNLESS OTHERWISE SHOWN.

		T		
SITE DATA TABLE		SITE DATA TABLE		
DEVELOPMENT DATA:		PARKING		
TAX PARCEL ID	840-12074-002	PARKING PROVIDED:	69 SPACES	
		STANDARD PARKING:	65 SPACES	
LAND USE	COMMERCIAL	ADA PARKING / VAN:	3 / 1 SPACES	

6. BEARINGS, DIMENSIONS AND EASEMENTS ARE SHOWN FOR REFERENCE. REFER TO RECORDED

2.56 ACRES PARKING REQUIRED: TOTAL SITE AREA 50 SPACES TOTAL DISTURBED AREA 0.14 ACRES STANDARD PARKING: 48 SPACES ADA PARKING / VAN: 1 / 1 SPACES **ZONING DATA:** FEMA FLOOD PANEL 05125C0360E

20,000 SF

25 FT

MIN. LOT WIDTH: 100 FT MAX. HEIGHT: 4 STORIES SETBACKS: FRONT YARD SIDE YARD INTERIOR 15 FT 15 FT SIDE YARD EXTERIOR

SITE PLAN KEY NOTES

ZONING DISTRICT:

MIN. LOT SIZE:

REAR YARD

- 1. SEE "GENERAL NOTES" SHEETS FOR SITE GENERAL NOTES .
- 2. SEE "SITE DETAIL" SHEETS FOR DETAILS REFERENCED ON THE SITE PLANS.

SITE IMPROVEMENTS

- STANDARD 18" CURB AND GUTTER (SEE SITE DETAIL SHEET)
- PROPOSED 2" CURB END TRANSITION NOT USED
- PROPOSED ACCESSIBLE ROUTE
- 4" THICKNESS CONCRETE SIDEWALK PER DETAIL. WIDTH PER PLAN. 2% MAX. CROSS SLOPE, 5% MAX LONGITUDINAL SLOPE.
- PROPOSED SITE LIGHT POLE AND CONDUIT TO BE DESIGNED/COORDINATED BY OTHERS
- EXISTING ACCESSIBLE RAMP
- G 5' CURB CUT (SEE SITE DETAIL SHEET)
- PAVEMENT MARKINGS
- PAINTED DIRECTIONAL ARROW PAVEMENT MARKING WHITE
- SWSL /4" SINGLE WHITE SOLID LINE 4" WIDE

PROPOSED PROPERTY LEGEND					
EXISTING RIGHT-OF-WAY					
——————————————————————————————————————					
———— UE —— —— EXISTING UTILITY EASEMENT					

— LOD — — LOD — — PROPOSED LIMITS OF DISTURBANCE

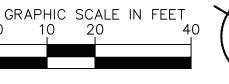
1,578 SQ FT

BERMUDA GRASS SOD

PROPOSED LANDSCAPE

DISCLAIMER: AERIAL IMAGERY IS TAKEN FROM NEARMAP DATED JUNE 30, 2023, AND IS SHOWN FOR GENERAL INFORMATION ONLY. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING IMPROVEMENTS PRIOR TO BEGINNING CONSTRUCTION.

PROPERTY LINE AND EXISTING RIGHT-OF-WAY IS AN APPROXIMATION AND IS NOT TO BE USED AS A SITE REFERENCE POINT.







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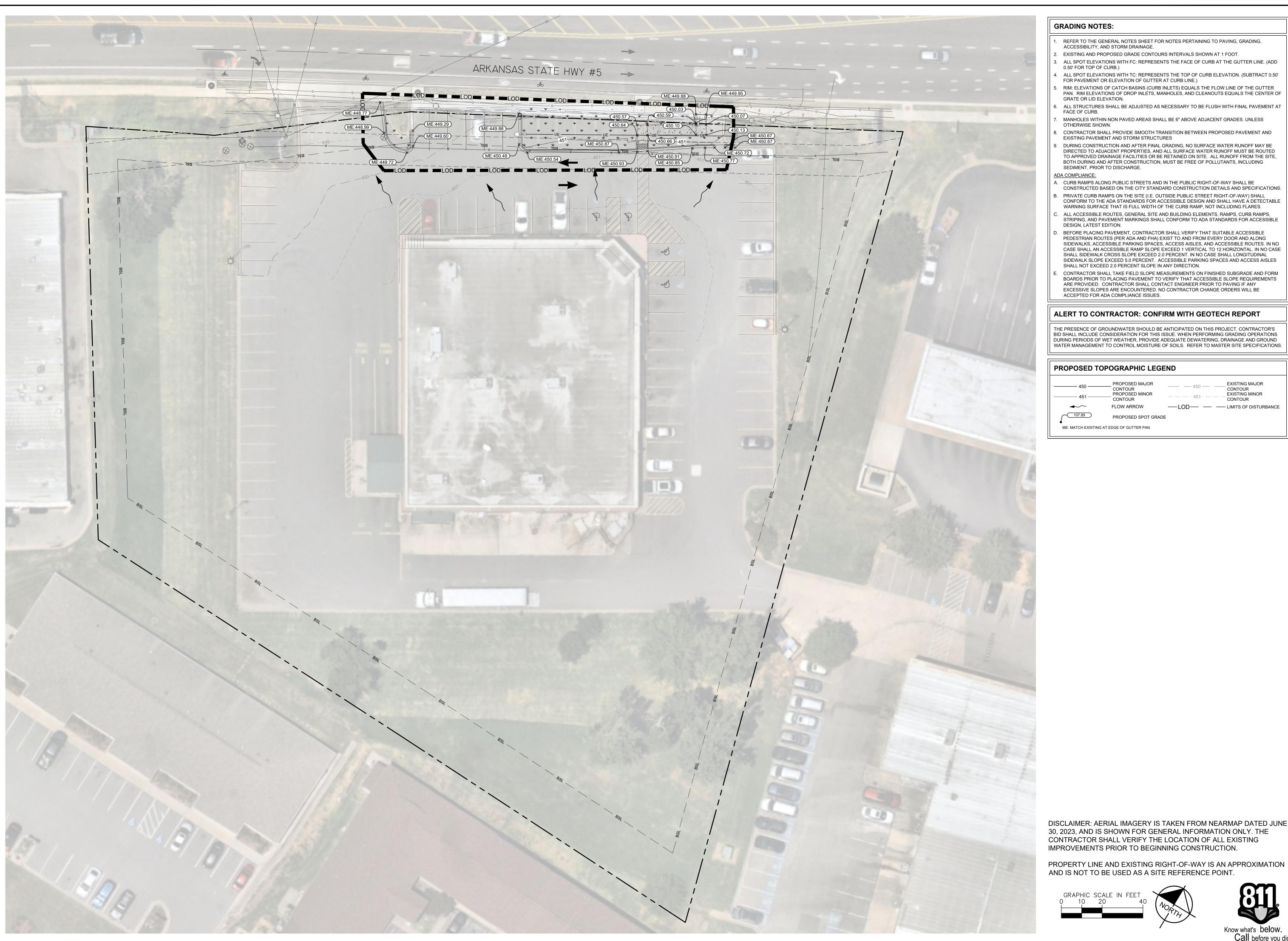
ARKANSAS

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ENGINEER *** No. 21699

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GRADING NOTES:

- REFER TO THE GENERAL NOTES SHEET FOR NOTES PERTAINING TO PAVING, GRADING, ACCESSIBILITY, AND STORM DRAINAGE.
 - EXISTING AND PROPOSED GRADE CONTOURS INTERVALS SHOWN AT 1 FOOT.
- ALL SPOT ELEVATIONS WITH FC: REPRESENTS THE FACE OF CURB AT THE GUTTER LINE. (ADD 0.50' FOR TOP OF CURB.)
- ALL SPOT ELEVATIONS WITH TC: REPRESENTS THE TOP OF CURB ELEVATION. (SUBTRACT 0.50' FOR PAVEMENT OR ELEVATION OF GUTTER AT CURB LINE.) RIM: ELEVATIONS OF CATCH BASINS (CURB INLETS) EQUALS THE FLOW LINE OF THE GUTTER
- PAN. RIM ELEVATIONS OF DROP INLETS, MANHOLES, AND CLEANOUTS EQUALS THE CENTER OF GRATE OR LID ELEVATION.
- ALL STRUCTURES SHALL BE ADJUSTED AS NECESSARY TO BE FLUSH WITH FINAL PAVEMENT AT
- FACE OF CURB. MANHOLES WITHIN NON PAVED AREAS SHALL BE 6" ABOVE ADJACENT GRADES. UNLESS
- CONTRACTOR SHALL PROVIDE SMOOTH TRANSITION BETWEEN PROPOSED PAVEMENT AND
- EXISTING PAVEMENT AND STORM STRUCTURES
- DURING CONSTRUCTION AND AFTER FINAL GRADING, NO SURFACE WATER RUNOFF MAY BE DIRECTED TO ADJACENT PROPERTIES, AND ALL SURFACE WATER RUNOFF MUST BE ROUTED TO APPROVED DRAINAGE FACILITIES OR BE RETAINED ON SITE. ALL RUNOFF FROM THE SITE, BOTH DURING AND AFTER CONSTRUCTION, MUST BE FREE OF POLLUTANTS, INCLUDING SEDIMENT, PRIOR TO DISCHARGE.
- . CURB RAMPS ALONG PUBLIC STREETS AND IN THE PUBLIC RIGHT-OF-WAY SHALL BE CONSTRUCTED BASED ON THE CITY STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS.
- PRIVATE CURB RAMPS ON THE SITE (I.E. OUTSIDE PUBLIC STREET RIGHT-OF-WAY) SHALL CONFORM TO THE ADA STANDARDS FOR ACCESSIBLE DESIGN AND SHALL HAVE Á DETECTABLE
- ALL ACCESSIBLE ROUTES, GENERAL SITE AND BUILDING ELEMENTS, RAMPS, CURB RAMPS, STRIPING, AND PAVEMENT MARKINGS SHALL CONFORM TO ADA STANDARDS FOR ACCESSIBLE DESIGN, LATEST EDITION.
- BEFORE PLACING PAVEMENT, CONTRACTOR SHALL VERIFY THAT SUITABLE ACCESSIBLE PEDESTRIAN ROUTES (PER ADA AND FHA) EXIST TO AND FROM EVERY DOOR AND ALONG SIDEWALKS, ACCESSIBLE PARKING SPACES, ACCESS AISLES, AND ACCESSIBLE ROUTES. IN NO CASE SHALL AN ACCESSIBLE RAMP SLOPE EXCEED 1 VERTICAL TO 12 HORIZONTAL. IN NO CASE SHALL SIDEWALK CROSS SLOPE EXCEED 2.0 PERCENT. IN NO CASE SHALL LONGITUDINAL SIDEWALK SLOPE EXCEED 5.0 PERCENT. ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL NOT EXCEED 2.0 PERCENT SLOPE IN ANY DIRECTION.
- CONTRACTOR SHALL TAKE FIELD SLOPE MEASUREMENTS ON FINISHED SUBGRADE AND FORM BOARDS PRIOR TO PLACING PAVEMENT TO VERIFY THAT ACCESSIBLE SLOPE REQUIREMENTS ARE PROVIDED. CONTRACTOR SHALL CONTACT ENGINEER PRIOR TO PAVING IF ANY EXCESSIVE SLOPES ARE ENCOUNTERED. NO CONTRACTOR CHANGE ORDERS WILL BE ACCEPTED FOR ADA COMPLIANCE ISSUES.

ALERT TO CONTRACTOR: CONFIRM WITH GEOTECH REPORT

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS. REFER TO MASTER SITE SPECIFICATIONS.

PROPOSED TOPOGRAPHIC LEGEND

450 ———	PROPOSED MAJOR CONTOUR		EXISTING MAJOR CONTOUR
451	PROPOSED MINOR CONTOUR	— — — - 451 - — —	EXISTING MINOR
← ~	FLOW ARROW	—LOD— — —	— LIMITS OF DISTURBANCE
107.89	PROPOSED SPOT GRAD	DE	

ME: MATCH EXISTING AT EDGE OF GUTTER PAN

ARKANSAS *** LICENSED **PROFESSIONAL** ENGINEER No. 21699

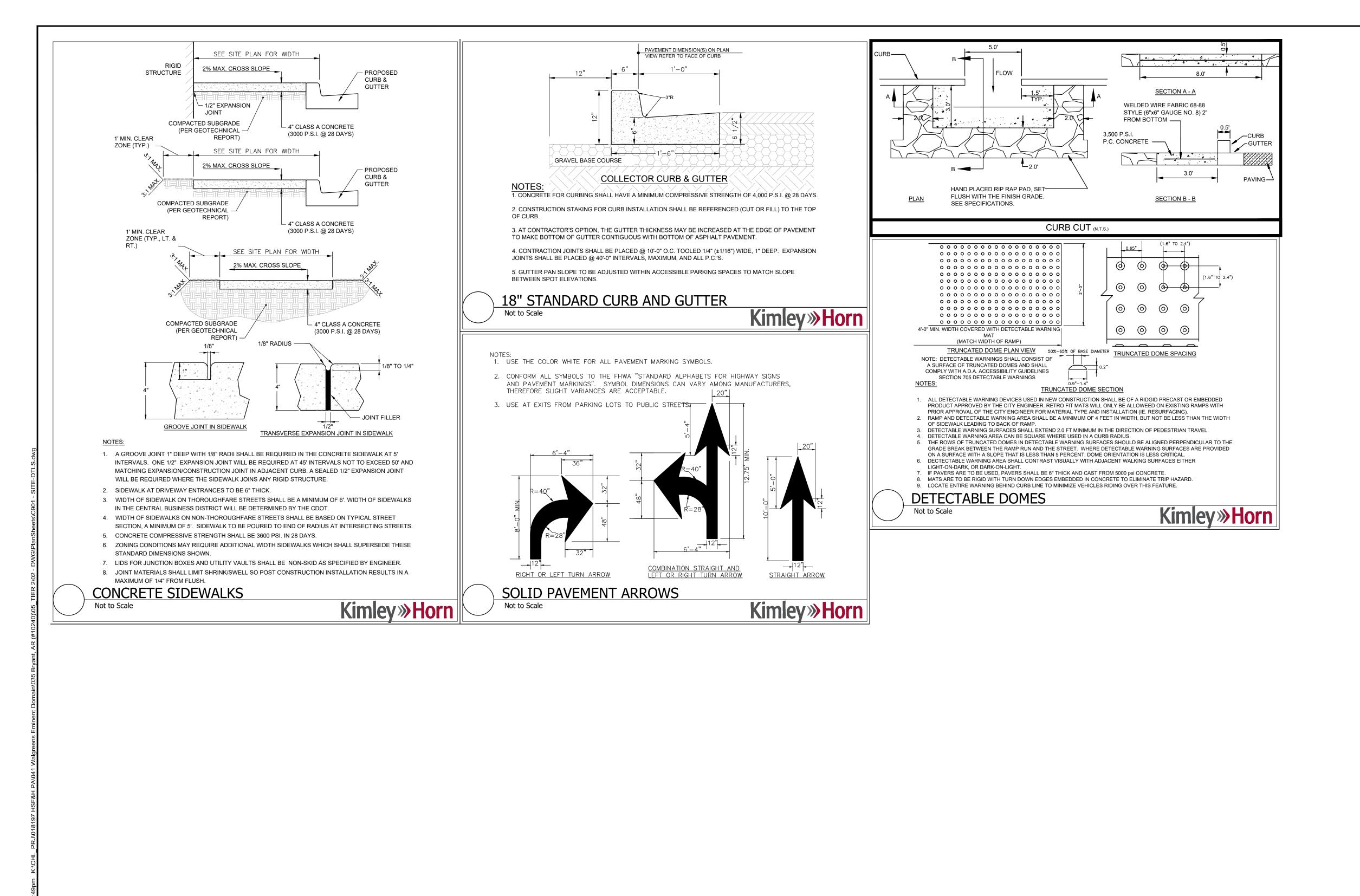
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PROPERTY LINE AND EXISTING RIGHT-OF-WAY IS AN APPROXIMATION AND IS NOT TO BE USED AS A SITE REFERENCE POINT.

Know what's below.
Call before you dig.



CHECKED BY TTP DESIGNED BY TTP

SITE DETAILS

LGREENS #10240 YANT, ARKANSAS
PREPARED FOR
I GREENS COMPANY

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C901

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