

LTD OFFICE PARKING LOT IMPROVEMENTS  
PREPARED FOR  
**THE SABINE RIVER AUTHORITY OF TEXAS**  
POINT, TX

LAKE TAWAKONI DIVISION  
POINT, TX 75472  
100% CONSTRUCTION DOCUMENTS: SEPTEMBER 2024

PLANS SUBMITTAL/REVIEW LOG

FIRST SUBMITTAL	08/09/2024
- NOT FOR CONSTRUCTION	
SECOND SUBMITTAL	09/25/2024
- FOR CONSTRUCTION	

SHEET INDEX		
PAGE NO.	SHEET NO.	SHEET TITLE
1	C-001	COVER SHEET
2	C-002	GENERAL NOTES
3	C-003	TOPOGRAPHIC SURVEY
4	C-101	DEMOLITION PLAN
5	C-201	PAVING AND DIMENSION CONTROL PLAN
6	C-202	FUTURE PARKING CANOPY DETAILS
7	C-301	GRADING PLAN
8	C-401	EROSION CONTROL PLAN
9	C-501	CONSTRUCTION DETAILS



SRA BOARD OF DIRECTORS:

JOSHUA A. "JOSH" MCADAMS	PRESIDENT
KEVIN M. WILLIAMS	VICE-PRESIDENT
CLIFF TODD	SECRETARY / TREASURE
DARRIN R. "RUDY" RUDOLPH	SECRETARY PRO-TEM
JEANETTE STERNER	BOARD MEMBER
ELTON BROCK	BOARD MEMBER
THOMAS "TOM" BEALL	BOARD MEMBER
JAMES W. "BILL" BRUCE	BOARD MEMBER



VICINITY MAP NTS

ENGINEER

**Kimley»Horn**

260 EAST DAVIS STREET, SUITE 100  
MCKINNEY, TX 75069  
PHONE: 469-301-2580  
CONTACT: BRANDON BELL, P.E.  
TEXAS REGISTERED ENGINEERING FIRM NO. F-928



Know what's below.  
Call before you dig.

SEPTEMBER 2024





8/28/2024 5:04 PM  
LAST SAVED  
DWG PATH  
C:\WORK\CHL\060203\28A\10 OFFICE PARKING LOT\CA00A\AR\BIBSHEETS  
CONTRACT NO. 28A-10

This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

#### KHA GENERAL CONSTRUCTION NOTES:

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR CONSTRUCTION (LATEST EDITION) FOR THE LOCAL AUTHORITY OR GOVERNING AGENCY, AND ANY SPECIAL PROVISIONS ADOPTED BY THE LOCAL AUTHORITY OR GOVERNING AGENCY, AND THE PROJECT SPECIFICATION BOOK, AND THESE CONSTRUCTION PLANS. THE LOCAL AUTHORITY OR GOVERNING AGENCY SPECIFICATIONS SHALL GOVERN WHERE OTHER SPECIFICATIONS DO NOT EXIST. IN CASE OF CONFLICTING SPECIFICATIONS OR DETAILS, THE OWNER AND ENGINEER SHALL BE CONTACTED PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO FURNISH ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE APPROVING AUTHORITIES, SPECIFICATIONS AND REQUIREMENTS. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING TO DETERMINE EXISTING CONDITIONS.
- ALL EXISTING UTILITIES SHOWN ARE LOCATED ACCORDING TO THE INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME THE DRAWINGS WERE PREPARED AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE AUTHORITY. GUARANTEE IS NOT MADE THAT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN OR THAT THE LOCATION OF THOSE SHOWN ARE ACCURATE. THE LOCATIONS SHOWN ARE FOR BIDDING PURPOSES ONLY. FINDING THE ACTUAL LOCATION OF ANY EXISTING UTILITIES IS THE CONTRACTORS RESPONSIBILITY AND SHALL BE DONE BEFORE HE COMMENCES ANY WORK IN THE VICINITY. FURTHERMORE, THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES DUE TO THE CONTRACTORS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES, NOR FOR TEMPORARY BRACING AND SHORING OF SAME, IF IT IS NECESSARY TO SHORE, BRACE, SWING 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.
- IT IS THE CONTRACTORS RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE BURIED OR AERIAL UTILITIES WITHIN OR NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK. THE CONTRACTOR SHALL PROVIDE 72 HOURS MINIMUM NOTICE TO ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL REQUIRED CONSTRUCTION PERMITS AND BONDS PRIOR TO CONSTRUCTION.
- ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE OWNER AND NOTIFICATION TO THE ENGINEER. NO CONSIDERATION WILL BE GIVEN TO CHANGE ORDERS FOR WHICH THE ENGINEER AND OWNER WERE NOT CONTACTED PRIOR TO CONSTRUCTION OF THE AFFECTED ITEM.
- CONTRACTOR SHALL VERIFY BENCHMARKS AND DATUMS PRIOR TO COMMENCING CONSTRUCTION OR STAKING OF IMPROVEMENTS.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ADJUSTMENTS, RELOCATIONS AND INSTALLATIONS OF FRANCHISE UTILITIES AS NECESSARY FOR ON-SITE AND OFF-SITE CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION FIELD STAKING, TESTING, AND CERTIFICATION UNLESS SPECIFIED OTHERWISE BY THE OWNER.
- UNLESS NOTED OTHERWISE, CONTRACTOR SHALL REPLACE ANY FENCING, CURBING, ETC. THAT IS DESTROYED DUE TO THE CONSTRUCTION ACTIVITIES.
- TRENCH SAFETY DESIGN WILL BE THE RESPONSIBILITY OF THE UTILITY CONTRACTOR. CONTRACTOR SHALL SUBMIT A TRENCH SAFETY PLAN (SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF TEXAS) TO THE LOCAL AUTHORITY OR GOVERNING AGENCY PUBLIC WORKS DEPARTMENT FOR REVIEW PRIOR TO THE START OF ANY UTILITY CONSTRUCTION.
- ALL CONTRACTORS MUST CONFINE THEIR ACTIVITIES TO THE WORK AREA, NO ENCRoACHMENTS OUTSIDE OF THE WORK AREA WILL BE ALLOWED. ANY DAMAGE RESULTING THEREFROM SHALL BE CONTRACTOR'S SOLE RESPONSIBILITY TO REPAIR.
- LIGHT POLES AND SIGNS SHALL NOT BE PLACED IN ADA ACCESSIBLE ROUTES OR ACCESSIBLE ACCESS ROUTES.
- ALL AREAS IN EXISTING RIGHTS-OF-WAY DISTURBED BY SITE CONSTRUCTION NOT INCLUDED WITH THIS SCOPE OF WORK SHALL BE REGRADED AND LANDSCAPED OR PAVED (TO WHATEVER CONDITION EXISTED BEFORE DISTURBANCE). ALL DISTURBED AREAS SHALL BE REPAIRED TO THE SAME OR BETTER CONDITION THAN BEFORE AREA WAS DISTURBED.
- THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES ONE COPY OF THE CONTRACT DOCUMENTS INCLUDING PLANS, SPECIFICATIONS, AND SPECIAL CONDITIONS, COPIES OF ANY REQUIRED CONSTRUCTION PERMITS, AND EROSION CONTROL PLANS AND INSPECTION REPORTS (SWPPP).
- THE CONTRACTOR SHALL REVIEW AND VERIFY ALL DIMENSIONS, ELEVATIONS, AND EXISTING CONTOURS SHOWN ON THE PLANS AND ALL FIELD CONDITIONS THAT MAY AFFECT CONSTRUCTION. SHOULD DISCREPANCIES OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER TO OBTAIN THE ENGINEER'S CLARIFICATION BEFORE COMMENCING WITH THE CONSTRUCTION.
- CONTRACTOR SHALL USE ALL NECESSARY SAFETY PRECAUTIONS TO AVOID CONTACT WITH OVERHEAD AND UNDERGROUND POWER LINES.
- THE CONTRACTOR SHALL MAINTAIN ADEQUATE SITE DRAINAGE DURING ALL PHASES OF CONSTRUCTION. THE CONTRACTOR SHALL USE SILT FENCES (OR OTHER METHODS APPROVED BY THE ENGINEER AND AUTHORITY) AS REQUIRED TO PREVENT SILT AND CONSTRUCTION DEBRIS FROM FLOWING ONTO ADJACENT PROPERTIES. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL EROSION, CONSERVATION, AND SILTATION ORDINANCES. CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL DEVICES UPON COMPLETION OF PERMANENT DRAINAGE FACILITIES AND THE ESTABLISHMENT OF A STAND OF GRASS OR OTHER GROWTH TO PREVENT EROSION. CONTRACTOR IS RESPONSIBLE FOR FILING N.O.I. AND N.O.T. WITH THE TNRCC. CONTRACTOR SOLELY RESPONSIBLE FOR ALL MANDATED SWPPP RECORD KEEPING AND REPORTING. CONTRACTOR MUST SUBMIT COPIES OF N.O.I. AND N.O.T. TO THE LOCAL AUTHORITY OR GOVERNING AGENCY.
- CONTRACTOR TO DISPOSE OF ALL EXCESS EXCAVATION MATERIALS AS DIRECTED BY THE OWNER.
- ALL EXCAVATION IS UNCLASSIFIED AND SHALL INCLUDE ALL MATERIALS ENCOUNTERED. UNUSABLE EXCAVATED MATERIAL AND ALL WASTE RESULTING FROM SITE CLEARING AND GRUBBING SHALL BE TAKEN OFF SITE BY THE GRADING CONTRACTOR AT HIS EXPENSE.
- THE CONTRACTOR SHALL CLEAR AND GRUB THE SITE AND PLACE, COMPACT, AND MOISTURE CONDITION FILL PER THE PROJECT GEOTECHNICAL ENGINEER'S SPECIFICATIONS. THE FILL MATERIAL TO BE USED SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT.
- ALL SIGNS, PAVEMENT MARKINGS, AND OTHER TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
- ALL REINFORCING STEEL SHALL CONFORM TO THE GEOTECHNICAL REPORT AND ASTM A-615, GRADE 60, AND SHALL BE SUPPORTED BY BAR CHAIRS.
- TOP RIM ELEVATIONS OF ALL SANITARY SEWER MANHOLES SHALL BE COORDINATED WITH TOP OF PAVEMENT OR FINISHED GRADE.
- CONTRACTOR SHALL CONSTRUCT PROPOSED PAVEMENT TO MATCH EXISTING PAVEMENT WITH A SMOOTH, FLUSH, CONNECTION.
- THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, UTILITIES, AND OTHER FACILITIES TO REMAIN AND SHALL REPAIR ANY DAMAGES DUE TO HIS CONSTRUCTION ACTIVITIES AT NO COST TO THE OWNER.
- CONTRACTOR TO ADJUST ALL GATE VALVE COVERS TO MATCH PROPOSED PAVING GRADES.
- THE OPERATING NUT OF ALL GATE VALVES SHALL BE 2 FEET BELOW FINISH GRADE (MINIMUM).
- THESE PLANS, PREPARED BY KIMLEY-HORN AND ASSOCIATES, INC. 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 THAT MAY NOW OR HEREAFTER BE INCORPORATED IN THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION OF ALL REQUIRED SAFETY PROCEDURES AND PROGRAMS.
- REFER TO SWPPP REPORT AND EROSION CONTROL PLANS FOR APPLICABLE NOTES.
- ALL APPURTENANCES INSTALLED IN PAVEMENT AREAS SHALL BE ADJUSTED AS REQUIRED TO BE FLUSH WITH FINISHED PAVEMENT.
- THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR COMPLETING AND IMPLEMENTING TRAFFIC CONTROL PLAN.
- SINGAGE RELATED TO SITE OPERATION OR SAFETY ARE NOT PART OF KIMLEY-HORN'S SCOPE AND ARE NOT INCLUDED IN THESE PLANS.

#### GRADING

- ALL CONSTRUCTION SHALL BE IN GENERAL ACCORDANCE WITH THESE PLANS, THE LOCAL AUTHORITY OR GOVERNING AGENCY STANDARD SPECIFICATIONS, THE FINAL GEOTECHNICAL REPORT AND ALL ISSUED ADDENDUMS, AND COMMONLY ACCEPTED CONSTRUCTION STANDARDS.
- UNLESS OTHERWISE NOTED, PROPOSED CONTOURS AND SPOT ELEVATIONS SHOWN IN PAVED AREAS REFLECT TOP OF PAVEMENT SURFACE. ADD .50' TO PAVING GRADE FOR TOP OF CURB GRADE.
- THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION AND SHALL NOTIFY THE CONSTRUCTION MANAGER AND ENGINEER OF ANY CONFLICTS DISCOVERED. CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING UTILITIES (SHOWN OR NOT SHOWN) WITHIN SCOPE OF CONSTRUCTION. IF ANY EXISTING UTILITIES ARE DAMAGED, THE CONTRACTOR SHALL REPLACE THEM AT HIS OWN EXPENSE.
- THE CONTRACTOR SHALL TAKE ALL AVAILABLE PRECAUTIONS TO CONTROL DUST. CONTRACTOR SHALL CONTROL DUST BY SPRINKLING WATER, OR BY OTHER MEANS APPROVED BY THE AUTHORITY, AT NO ADDITIONAL COST TO THE OWNER.
- ALL EXCAVATING IS UNCLASSIFIED AND SHALL INCLUDE ALL MATERIALS ENCOUNTERED. UNUSABLE EXCAVATED MATERIAL AND ALL WASTE RESULTING FROM SITE CLEARING AND GRUBBING SHALL BE DISPOSED OF OFF SITE BY THE

#### GRADING CONTRACTOR AT HIS EXPENSE.

- BEFORE ANY EARTHWORK IS PERFORMED, THE CONTRACTOR SHALL STAKE OUT AND MARK THE LIMITS OF PAVEMENT AND OTHER ITEMS ESTABLISHED BY THE PLANS. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY ENGINEERING AND SURVEYING FOR LINE AND GRADE CONTROL POINTS RELATED TO EARTHWORK.
  - THE CONTRACTOR SHALL SALVAGE AND PROTECT ALL EXISTING POWER POLES, SIGNS, MANHOLES, TELEPHONE RISERS, WATER VALVES, ETC. THAT ARE TO REMAIN OR BE RELOCATED DURING ALL CONSTRUCTION PHASES.
  - REFERENCE STRUCTURAL DRAWINGS AND SPECIFICATIONS AND GEOTECHNICAL REPORT FOR PAVING SUBGRADE INFORMATION.
  - THE CONTRACTOR SHALL CLEAR AND GRUB THE SITE AND PLACE, COMPACT, AND MOISTURE CONDITION ALL FILL PER THE PROJECT GEOTECHNICAL ENGINEER'S SPECIFICATIONS. THE FILL MATERIAL TO BE USED SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT.
  - GRADING CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES FOR ANY REQUIRED UTILITY ADJUSTMENTS AND/OR RELOCATIONS.
  - TESTING OF MATERIALS REQUIRED FOR THE CONSTRUCTION OF THE PAVING IMPROVEMENTS SHALL BE PERFORMED BY AN APPROVED AGENCY FOR TESTING MATERIALS. THE NOMINATION OF THE TESTING LABORATORY AND THE PAYMENTS FOR SUCH TESTING SERVICES SHALL BE MADE BY THE CONTRACTOR. THE OWNER SHALL APPROVE THE LABORATORY NOMINATED TO DO THE TESTING OF MATERIALS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SHOW BY STANDARD TESTING PROCEDURES THAT THE WORK CONSTRUCTED DOES MEET THE REQUIREMENTS OF THE AUTHORITY'S SPECIFICATIONS AND THESE PLANS.
  - CONTRACTOR SHALL CALL TEXAS811 AT 1-800-344-8377 AT LEAST 72 HOURS PRIOR TO COMMENCING CONSTRUCTION FOR FIELD LOCATIONS OF UTILITIES IN THE VICINITY OF THE SITE.
  - PROPOSED CONTOURS ARE APPROXIMATE. PROPOSED SPOT ELEVATIONS AND DESIGNATED GRADIENT ARE TO BE USED IN CASE OF DISCREPANCY.
  - NO TREE SHALL BE REMOVED OR DAMAGED WITHOUT PRIOR AUTHORIZATION OF THE OWNER OR OWNER'S REPRESENTATIVE. EXISTING TREES SHALL BE PRESERVED WHENEVER POSSIBLE.
  - CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL CONTROL PRIOR TO COMMENCING CONSTRUCTION AND SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES BEFORE CONSTRUCTION COMMENCES.
  - AFTER PLACEMENT OF SUBGRADE AND PRIOR TO PLACEMENT OF PAVEMENT, CONTRACTOR SHALL TEST AND OBSERVE PAVEMENT AREAS FOR EVIDENCE OF PONDING. ALL AREAS SHALL ADEQUATELY DRAIN TOWARDS THE INTENDED STRUCTURE TO CONVEY STORM RUNOFF. CONTRACTOR SHALL IMMEDIATELY NOTIFY OWNER AND ENGINEER IF ANY DISCREPANCIES ARE DISCOVERED.
- #### PAVING
- ALL CONSTRUCTION SHALL BE IN GENERAL ACCORDANCE WITH THESE PLANS, THE LOCAL AUTHORITY OR GOVERNING AGENCY STANDARD SPECIFICATIONS, THE FINAL GEOTECHNICAL REPORT AND COMMONLY ACCEPTED CONSTRUCTION STANDARDS.
  - THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION AND SHALL NOTIFY THE CONSTRUCTION MANAGER AND ENGINEER OF ANY CONFLICTS DISCOVERED. CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING UTILITIES (SHOWN OR NOT SHOWN) WITHIN SCOPE OF CONSTRUCTION. IF ANY EXISTING UTILITIES ARE DAMAGED, THE CONTRACTOR SHALL REPLACE THEM AT HIS OWN EXPENSE.
  - THE CONTRACTOR SHALL MAINTAIN ADEQUATE SITE DRAINAGE DURING ALL PHASES OF CONSTRUCTION. THE CONTRACTOR SHALL USE SILT FENCES (OR OTHER METHODS APPROVED BY THE ENGINEER AND AUTHORITY) AS REQUIRED TO PREVENT SILT AND CONSTRUCTION DEBRIS FROM FLOWING ONTO ADJACENT PROPERTIES. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, OR LOCAL EROSION, CONSERVATION, AND SILTATION ORDINANCES. CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL DEVICES UPON COMPLETION OF PERMANENT DRAINAGE FACILITIES AND THE ESTABLISHMENT OF A STAND OF GRASS OR OTHER GROWTH TO PREVENT EROSION.
  - BEFORE ANY EARTHWORK IS DONE, THE CONTRACTOR SHALL STAKE OUT AND MARK THE LIMITS OF PAVEMENT AND OTHER ITEMS ESTABLISHED BY THE PLANS. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SURVEYING FOR LINE AND GRADE CONTROL POINTS RELATED TO EARTHWORK.
  - THE CONTRACTOR SHALL SALVAGE AND PROTECT ALL EXISTING POWER POLES, SIGNS, MANHOLES, TELEPHONE RISERS, WATER VALVES, ETC. THAT ARE TO REMAIN OR BE RELOCATED DURING ALL CONSTRUCTION PHASES.
  - THE CONTRACTOR SHALL CLEAR AND GRUB THE SITE AND PLACE, COMPACT, AND MOISTURE CONDITION ALL FILL PER THE PROJECT GEOTECHNICAL ENGINEER'S SPECIFICATIONS (REFER TO ALPHA TESTING, INC REPORT, DATED JULY 25, 2014). THE FILL MATERIAL TO BE USED SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT.
  - TESTING OF MATERIALS REQUIRED FOR THE CONSTRUCTION OF THE PAVING IMPROVEMENTS SHALL BE PERFORMED BY AN APPROVED AGENCY FOR TESTING MATERIALS. THE NOMINATION OF THE TESTING LABORATORY AND THE PAVEMENT OF SUCH TESTING SERVICES SHALL BE MADE BY THE CONTRACTOR. THE OWNER SHALL APPROVE THE LABORATORY NOMINATED TO DO THE TESTING OF MATERIALS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SHOW BY STANDARD TESTING PROCEDURES THAT THE WORK CONSTRUCTED DOES MEET THE REQUIREMENTS OF THE AUTHORITY'S SPECIFICATIONS AND THESE PLANS.
  - ALL SIGNS, PAVEMENT MARKINGS, AND OTHER TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
  - 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 THE LOCAL AUTHORITY OR GOVERNING AGENCY STANDARD SPECIFICATIONS.
  - REFER TO GEOTECHNICAL REPORT FOR PAVING JOINT LAYOUT PLAN REQUIREMENTS. REFER TO GEOTECHNICAL REPORT AND AUTHORITY STANDARDS FOR REINFORCEMENT STEEL REQUIREMENTS AND USE MOST STRINGENT OF THE TWO. PAVEMENT MIX DESIGNS SHALL BE SUBMITTED TO THE ENGINEER AND OWNER FOR APPROVAL. REFER TO GEOTECHNICAL REPORT FOR SOIL COMPACTION SPECIFICATION.
  - ALL HANDICAP RAMPING, STRIPING, AND PAVEMENT MARKINGS SHALL CONFORM TO THE AMERICANS WITH DISABILITIES ACT OF 1990 AND TAS STANDARDS, LATEST EDITION.
  - ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE LOCAL AUTHORITY OR GOVERNING AGENCY STANDARD SPECIFICATIONS.
  - CONTRACTOR RESPONSIBLE FOR PREPARATION, SUBMITTAL, AND APPROVAL BY THE LOCAL AUTHORITY OR GOVERNING AGENCY OF TRAFFIC CONTROL PLAN PRIOR TO START OF CONSTRUCTION.
  - SIDEWALKS ADJACENT TO CURB SHALL BE CONNECTED TO BACK OF CURB USING LONGITUDINAL BUTT JOINT.
  - UNLESS THE PLANS SPECIFICALLY DICTATE TO THE CONTRARY, ON-SITE AND OTHER DIRECTIONAL SIGNS SHALL BE LOCATED OUT OF THE PEDESTRIAN AND AUTOMOBILE ROUTES AND SHALL BE LOCATED BETWEEN THREE TO FIVE FEET BEHIND THE NEAREST BACK OF CURB. SIGN HEIGHT, LOCATION, AND STRUCTURE SHALL BE SUCH THAT THE SIGNS POSE NO THREAT TO PUBLIC SAFETY.
  - 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. FIELD ADJUSTMENTS OF LOCATION AND ORIENTATION OF THE SIGNS ARE TO BE MADE TO ACCOMPLISH THIS.
  - CONTRACTOR RESPONSIBLE FOR INSTALLING NECESSARY CONDUIT FOR LIGHTING, IRRIGATION, ETC. PRIOR TO PLACEMENT OF PAVEMENT. ALL CONSTRUCTION DOCUMENTS (CIVIL, MEP, LANDSCAPE, AND ARCHITECT) SHALL BE CONSULTED.
  - BEFORE PLACING PAVEMENT, CONTRACTOR SHALL VERIFY THAT SUITABLE HANDICAPPED ROUTES (PER A.D.A. & T.A.S.) EXIST TO AND FROM EVERY DOOR AND ALONG SIDEWALKS AND ACCESSIBLE ROUTES. IN NO CASE SHALL HANDICAP RAMP SLOPES EXCEED 1 VERTICAL TO 12 HORIZONTAL. IN NO CASE SHALL SIDEWALK CROSS SLOPES EXCEED 2.0 PERCENT. IN NO CASE SHALL LONGITUDINAL SIDEWALK SLOPES EXCEED 5.0 PERCENT. CONTRACTOR SHALL CONTACT ENGINEER PRIOR TO PAVING IF ANY EXCESSIVE SLOPES ARE ENCOUNTERED. NO CONTRACTOR CHANGE ORDERS WILL BE ACCEPTED FOR A.D.A. AND T.A.S. COMPLIANCE ISSUES.
  - ALL CONSTRUCTION STAGING AREAS TO BE LOCATED ON-SITE (WITHIN PROJECT LIMITS).
  - ALL JOINTS SHALL EXTEND THROUGH THE CURB.
  - THE MINIMUM LENGTH OF OFFSET JOINTS AT RADIUS POINTS SHALL BE 2 FEET.

#### EROSION CONTROL

- EROSION CONTROL DEVICES AS SHOWN ON THE EROSION CONTROL PLAN FOR THE PROJECT SHALL BE INSTALLED PRIOR TO THE START OF LAND DISTURBING ACTIVITIES ON THE PROJECT.
- THE CONTRACTOR SHALL CONSTRUCT SILT SCREENS OR OTHER APPROVED DEVICES PRIOR TO CONSTRUCTION TO PREVENT ADVERSE OFF SITE IMPACT OF STORM WATER QUALITY, AS REQUIRED BY THE LOCAL AUTHORITY OR GOVERNING AGENCY. CONTRACTOR IS RESPONSIBLE FOR PROPER MAINTENANCE OF THE REQUIRED EROSION CONTROL DEVICES THROUGHOUT THE ENTIRE CONSTRUCTION PROCESS. THE EROSION CONTROL DEVICES SHOULD REMAIN IN PLACE, WHERE PRACTICAL, UPON COMPLETION OF CONSTRUCTION.
- ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS FOR THE PROJECT. CHANGES ARE TO BE APPROVED BEFORE CONSTRUCTION BY THE DESIGN ENGINEER AND THE LOCAL AUTHORITY OR GOVERNING AGENCY ENGINEERING DIVISION.
- IF THE EROSION CONTROL PLAN AS APPROVED DOES NOT CONTROL EROSION AND OFF-SITE SEDIMENTATION FROM THE PROJECT THE EROSION CONTROL PLAN WILL BE REQUIRED TO BE REVISED AND/OR ADDITIONAL EROSION CONTROL DEVICES WILL BE REQUIRED ON SITE.
- OFF-SITE (IF APPLICABLE) SOIL BORROW AND SPOIL AREAS ARE CONSIDERED AS PART OF THE PROJECT SITE AND MUST ALSO COMPLY WITH THE EROSION CONTROL REQUIREMENTS FOR THIS PROJECT. THIS INCLUDES THE INSTALLATION OF BMP'S TO CONTROL OFFSITE SEDIMENTATION AND THE ESTABLISHMENT OF PERMANENT GROUND COVER ON DISTURBED

#### AREAS PRIOR TO FINAL APPROVAL OF THE PROJECT.

- INSPECTIONS SHALL BE MADE WEEKLY BY THE CONTRACTOR AND AFTER RAIN STORM EVENTS TO INSURE THAT THE DEVICES ARE FUNCTIONING PROPERLY. WHEN SEDIMENT OR MUD HAS CLOGGED THE VOID SPACES BETWEEN STONES OR MUD IS BEING TRACKED ONTO A PUBLIC ROADWAY, THE AGGREGATE PAD MUST BE WASHED DOWN OR REPLACED. RUNOFF FROM THE WASHDOWN OPERATION SHALL NOT BE ALLOWED TO DRAIN DIRECTLY OFF SITE WITHOUT FIRST FLOWING THROUGH ANOTHER BMP TO CONTROL OFF SITE SEDIMENTATION. PERIODIC RE-GRADING OR THE ADDITION OF NEW STONE MAY BE REQUIRED TO MAINTAIN THE EFFICIENCY OF THE INSTALLATION. CONSTRUCTION ENTRANCES AND EXITS TO BE REPAIRED OR REPLACED. HEAVY MUD BUILD UP SHOULD BE COVERED WITH ADDITIONAL ROCK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INSPECTIONS, DOCUMENTATION, AND SUBMITTAL OF N.O.I., N.O.T. AND ANY ADDITIONAL INFORMATION REQUIRED BY THE E.P.A. AND T.C.E.Q. CONTRACTOR SHALL COMPLY WITH ALL E.P.A. AND T.C.E.Q. STORM WATER POLLUTION PREVENTION REQUIREMENTS. CONTRACTOR MUST SUBMIT COPIES OF N.O.I. AND N.O.T. TO THE LOCAL AUTHORITY OR GOVERNING AGENCY.
- CONTRACTOR IS SOLELY RESPONSIBLE FOR SELECTION, IMPLEMENTATION, MAINTENANCE, AND EFFECTIVENESS OF ALL BEST MANAGEMENT PRACTICES (BMPs) AND FOR UPDATING THE PLAN DURING CONSTRUCTION AS FIELD CONDITIONS CHANGE. EROSION CONTROLS SHOWN ON THIS SITE MAP ARE SUGGESTED CONTROLS ONLY. CONTRACTOR IS RESPONSIBLE FOR UPDATING THE EROSION CONTROL PLAN AND STORM WATER POLLUTION PREVENTION PLAN (SWPP3) AS NECESSARY.
- CONTRACTOR SHALL RECORD INSTALLATION, MAINTENANCE OR MODIFICATION, AND REMOVAL DATES FOR EACH BMP EMPLOYED (WHETHER CALLED OUT IN THE SWPP3 OR NOT).
- EROSION CONTROL MEASURES MAY ONLY BE PLACED IN FRONT OF INLETS, OR IN CHANNELS, DRAINAGEWAYS OR BORROW DITCHES AT RISK OF CONTRACTOR AND IN COMPLIANCE WITH SECTIONS 401 AND 404 OF THE CLEAN WATER ACT. CONTRACTOR SHALL REMAIN LIABLE FOR ANY DAMAGE CAUSED BY THE MEASURES, INCLUDING FLOODING DAMAGE, WHICH MAY OCCUR DUE TO BLOCKED DRAINAGE. AT THE CONCLUSION OF ANY PROJECT, ALL CHANNELS, DRAINAGEWAYS AND BORROW DITCHES IN THE WORK ZONE SHALL BE DREADED OF ANY SEDIMENT GENERATED BY THE PROJECT OR DEPOSITED AS A RESULT OF EROSION CONTROL MEASURES.
- CONTRACTOR IS RESPONSIBLE FOR MODIFYING THE SWPP3 AND EROSION CONTROL PLAN TO INCLUDE BMPs FOR ANY OFF-SITE MATERIAL WASTE, BORROW, OR EQUIPMENT STORAGE AREAS.
- CONTRACTOR SHALL INSPECT DISTURBED AREAS, MATERIAL STORAGE AREAS EXPOSED TO PRECIPITATION, STRUCTURAL CONTROL MEASURES, AND VEHICLE ENTRY AND EXIT AREAS AT LEAST ONCE EVERY 14 CALENDAR DAYS AND WITHIN 24 HOURS OF A STORM EVENT OR 0.6 INCHES OR GREATER OR ONCE EVERY 7 DAYS ON THE SAME DAY OF THE WEEK EACH WEEK, REGARDLESS IF THERE HAS BEEN A RAINFALL EVENT. THE SWPP3 MUST REFLECT THE SCHEDULE IN USE.

#### STORM WATER DISCHARGE AUTHORIZATION

THE CONTRACTOR IS RESPONSIBLE TO ENSURE:

- PRIMARY OPERATORS MUST SUBMIT A NOI TO TCEQ AT LEAST SEVEN DAYS PRIOR TO COMMENCING CONSTRUCTION, OR IF UTILIZING ELECTRONIC SUBMITTAL, PRIOR TO COMMENCING CONSTRUCTION. ALL PRIMARY OPERATORS SHALL PROVIDE A COPY OF THE SIGNED NOI TO THE OPERATOR OF ANY MS4 RECEIVING DISCHARGE FROM THE SITE.
  - ALL CONTRACTORS AND SUBCONTRACTORS PROVIDING SERVICES RELATED TO THE SWPPP SHALL SIGN A CONTRACTOR CERTIFICATION STATEMENT ACKNOWLEDGING THEIR RESPONSIBILITIES AS SPECIFIED IN THE SWPPP.
  - A COPY OF THE SWPPP, INCLUDING CONTRACTOR CERTIFICATIONS AND ANY REVISIONS, SHALL BE SUBMITTED TO THE LOCAL AUTHORITY OR GOVERNING AGENCY BY THE CONTRACTOR AND FILED WITH THE CONSTRUCTION PLANS, AND SHALL BE RETAINED ON-SITE DURING CONSTRUCTION.
  - A NOTICE OF TERMINATION (NOT) SHALL BE SUBMITTED TO TCEQ BY ANY PRIMARY OPERATOR WITHIN 30 DAYS AFTER ALL SOIL DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED AND A UNIFORM VEGETATIVE COVER OF THE DENSITY OF 70% HAS BEEN ESTABLISHED ON ALL UNPAVED AREAS AND ARE NOT COVERED BY STRUCTURES. A TRANSFER OF OPERATIONAL CONTROL HAS OCCURRED, OR THE OPERATOR HAS OBTAINED ALTERNATIVE AUTHORIZATION UNDER A DIFFERENT PERMIT. A COPY OF THE NOI SHALL BE PROVIDED TO THE OPERATOR OF ANY MS4 RECEIVING DISCHARGE FROM THE SITE.
- #### UTILITY NOTES
- CONTACT ALL FRANCHISE UTILITIES AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION SO THAT THE LOCATION OF UNDERGROUND LINES CAN BE MARKED.
  - CONTRACTOR SHALL EXERCISE CAUTION AND MAINTAIN AN ADEQUATE CLEAR ZONE BETWEEN THE CONTRACTOR'S EQUIPMENT AND ANY POWER LINES. CONTRACTOR SHALL TAKE ALL NECESSARY BRACING AND SHORING MEASURES TO PREVENT ANY DAMAGE TO POWER POLES OR OTHER FACILITIES.
  - THE CONTRACTOR SHALL PROTECT ALL PUBLIC AND FRANCHISE UTILITIES DURING THE CONSTRUCTION OF THIS PROJECT. ALL MANHOLES, CLEAN-OUTS, WATER VALVES, FIRE HYDRANTS AND OTHER APPURTENANCES SHALL BE ADJUSTED TO PROPER LINE AND GRADE BEFORE FINAL ACCEPTANCE BY THE AUTHORITY.
  - CONTRACTOR SHALL ARRANGE FOR OR PROVIDE, AT HIS EXPENSE ALL GAS, TELEPHONE, CABLE AND POWER LINE ADJUSTMENT NEEDED.
  - THE CONTRACTOR IS RESPONSIBLE TO PROTECT ALL WATER AND SEWER 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.
  - VALVE ADJUSTMENTS SHALL BE CONSTRUCTED SUCH THAT THE COVERS ARE AT FINISHED SURFACE GRADE OF THE PROPOSED PAVEMENT OR RECONSTRUCTION.
  - THE CONTRACTOR SHALL VERIFY THE ELEVATION OF ALL UTILITY CROSSINGS PRIOR TO THE INSTALLATION OF ANY PIPE.
  - THE CONTRACTOR SHALL MAINTAIN WATER SERVICE TO ALL CUSTOMERS THROUGHOUT CONSTRUCTION (IF NECESSARY, BY USE OF TEMPORARY METHODS APPROVED BY THE OWNER). THIS WORK SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
  - ALL VALVES, FIRE HYDRANTS, FITTINGS, AND OTHER METAL APPURTENANCES LOCATED BELOW GROUND SHALL BE POLYETHYLENE-ENCASED IN ACCORDANCE WITH AWWA C-509.
  - CONCRETE THRUST BLOCKING SHALL BE USED AT ALL HORIZONTAL AND VERTICAL BENDS, TEES, AND WYES.
  - THE CONTRACTOR SHALL INSTALL A FULL JOINT OF PIPE ON BOTH SIDES OF ALL FITTINGS WHERE POSSIBLE.
  - CONTRACTOR SHALL INSTALL DETECTABLE WIRING TAPE A MINIMUM OF 12" ABOVE WATER LINES. MARKER DECALS SHALL BE LABELED "CAUTION - WATER LINE". DETECTABLE WIRING TAPE AND FIBERGLASS MAKERS WILL BE INCLUDED IN THE PRICE OF THE WATER PIPE. NO SEPARATE PAYMENT WILL BE MADE FOR THESE ITEMS.
  - TCEQ CHAPTER 290.4(C) STATES THAT FOR ANY WATER LINE CROSSING UNDER AN EXISTING WASTEWATER MAIN BOTH THE WATER LINE AND THE WASTEWATER LINE MUST PASS A PRESSURE AND LEAKAGE TEST AS SPECIFIED IN AWWA C600 STANDARDS. IF THE WASTEWATER MAIN FAILS THE PRESSURE AND LEAKAGE TEST THE LINE SHALL BE REPLACED 9' WEST OF THE WATER LINE CROSSING AND TO THE MANHOLE EAST OF THE CROSSING WITH AT LEAST 150 PSI PRESSURE RATED PIPE. IF THE WASTEWATER MAIN FAILS THE PRESSURE TEST, THE REPLACEMENT OF WASTEWATER MAIN SHALL BE A SUBSIDIARY COST TO THE PROJECT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED. IN ADDITION THE WATER LINE MUST BE ENCASED IN PIPE THAT SHALL HAVE A MINIMUM PIPE STIFFNESS OF 115 PSI AT 5.0% DEFLECTION. THE SPACERS WITHIN THE ENCASEMENT PIPE SHALL BE PLACED IN 8' FT. (OR LESS) INTERVALS. THE ENCASEMENT WILL BE AT LEAST 9 FEET IN BOTH DIRECTIONS FROM THE CENTER OF THE CROSSING, AND BE AT LEAST TWO NOMINAL PIPE DIAMETERS LARGER THAN THE WATER MAIN. THE WATER MAIN SHALL BE PLACED AT MINIMUM 1' BELOW THE WASTEWATER MAIN.

#### ABBREVIATIONS AND DEFINITIONS:

ADA	AMERICANS WITH DISABILITIES ACT	ME	MATCH EXISTING
B-B	BACK TO BACK	MH	MANHOLE
BC	BACK OF CURB	MIN	MINIMUM
BMP	BEST MANAGEMENT PRACTICE	NO	NUMBER
CFS	CUBIC FEET PER SECOND	NOI	NOTICE OF INTENT
CL	CENTERLINE	NOT	NOTICE OF TERMINATION
CO	CLEANOUT	NTS	NOT TO SCALE
CONC	CONCRETE	OC	ON CENTER
CP	CABLE PEDESTAL	OHE	OVERHEAD LINE
CY	CUBIC YARD	PC	POINT OF CURVATURE
DEMO	DEMOLITION	PGL	PROPOSED GRADE LINE
EA	EACH	PI	POINT OF INFLECTION
EB	ELECTRIC BOX	PROP	PROPOSED
ECM	ELECTRIC CABLE MARKER	PSI	POUNDS PER SQUARE INCH
ELEV	ELEVATION	PT	POINT OF TANGENCY
ELEC	ELECTRICAL / ELECTRICITY	PVC	POLYVINYL CHLORIDE
EM	ELECTRIC METER	PVMT	PAVEMENT
ESMT	EASEMENT	RCP	REINFORCED CONCRETE PIPE
EX	EXISTING	ROW	RIGHT OF WAY
F-F	FACE TO FACE	SF	SQUARE FEET
FG	FINISHED GROUND	SSWR	SANITARY SEWER
FH	FIRE HYDRANT	SSMH	SANITARY SEWER MANHOLE
FIB	FIBER LINE	STA	STATION
FL	FLOW LINE	STD	STANDARD
FVB	FIBER OPTIC VAULT	SY	SQUARE YARD
FT	FEET	TBM	TOTAL BENCH MARK
GM	GAS METER	TCEQ	TEXAS COMMISSION OF ENVIRONMENTAL QUALITY
GPP	GAS PIPELINE POST	TEMP	TEMPORARY
GTS	GAS TEST STATION	TP	TOP OF PAVEMENT
HGL	HYDRAULIC GRADE LINE	TXDOT	TEXAS DEPARTMENT OF TRANSPORTATION
KL	KIMLEY-HORN AND ASSOCIATES, INC.	TXMUTCD	TEXAS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES
KHA	KIMLEY-HORN AND ASSOCIATES, INC.	TW	TOP OF WALL
LF	LINEAR FEET	TYP	TYPICAL
MAX	MAXIMUM	WD	WOOD DECK
MB	MAILBOX	W	WATER
		WW	WASTEWATER

**Kimley»Horn**

© 2024 KIMLEY-HORN AND ASSOCIATES, INC.  
260 EAST DAVIS STREET, SUITE 100 MCKINNEY, TX 75069  
PHONE: 469-301-2580  
WWW.KIMLEY-HORN.COM TX F-928



09/25/2024

KHA PROJECT	DATE	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
068925103	SEPTEMBER 2024	AS SHOWN	JGS	JGS	BBB

**SRA LTD OFFICE  
PARKING LOT**  
RAINS COUNTY, TEXAS

PREPARED FOR  
**SABINE RIVER AUTHORITY**

**GENERAL NOTES**

SHEET NUMBER  
**C-002**



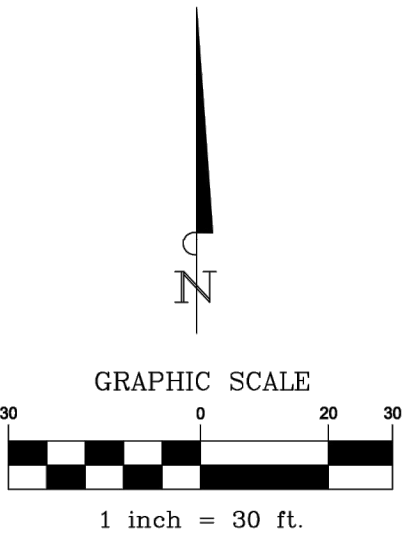
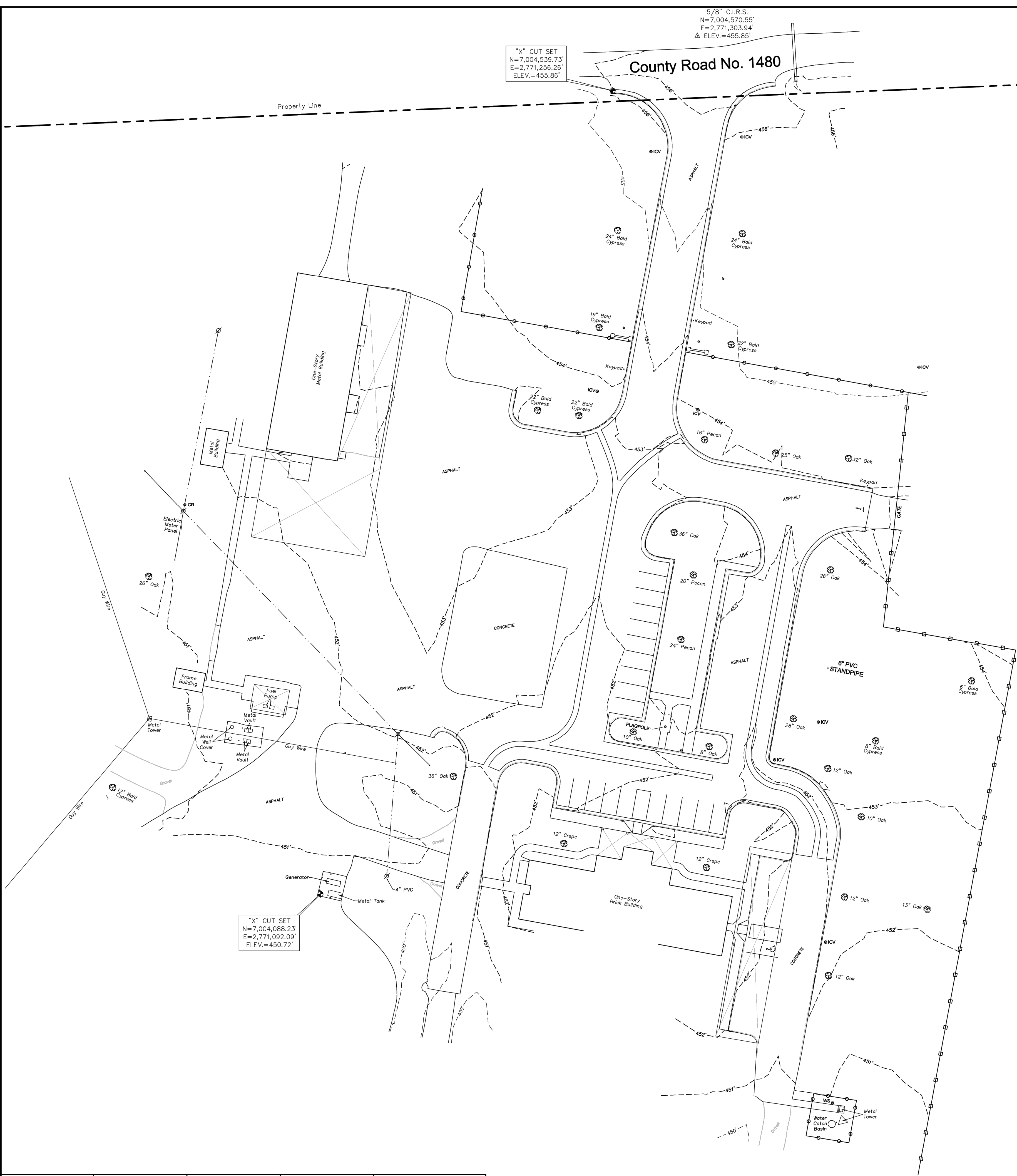
Know what's below.  
Call before you dig.

NTMWD UTILITIES LOCATED BY NTMWD NOT 811

CAUTION!

EXISTING UNDERGROUND UTILITIES IN THE AREA CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REPAIR TO EXISTING UTILITIES DUE TO DAMAGE INCURRED DURING CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES ON THE PLANS.





ABBREVIATIONS

I.R.F. = Iron Rod Found  
(R.M.) = Reference Monument  
C.I.R.F. = Capped Iron Rod Found  
C.I.R.S. = 5/8" iron rod with yellow plastic cap stamped "NTS" set  
M.R.C.C.T. = Map Records, Collin County, Texas  
D.R.C.C.T. = Deed Records, Collin County, Texas  
O.P.R.C.C.T. = Official Public Records, Collin County, Texas

SYMBOLS LEGEND

✕-✕	Wire Fence	WV	Water Valve
—/—	Wood Fence	WM	Water Meter
—●—	Chain Link Fence	FD	Fire Hydrant
•••	Concrete	WS	Water Spigot
—/—/—	Asphalt	SSC	Sanitary Sewer Cleanout
☆	Light Standard	SSMH	Sanitary Sewer Manhole
←	Guy Wire/Anchor	SDMH	Storm Drain Manhole
⊗	Utility Pole	GM	Gas Meter
—•—	Overhead Wires	GV	Gas Valve

General Notes:  
1. Bearings are based on the Texas State Plane Coordinate System, North Central Zone (4202), NAD83 (2011). Surface values shown can be converted to grid by dividing by the combined scale factor of 0.999857679, from base point 0,0.

TOPOGRAPHIC SURVEY  
COUNTY ROAD NO. 1480  
NATHANIEL CRITTENDON  
SURVEY ~ ABSTRACT NO. 33  
RAINS COUNTY, TEXAS



North Texas  
Surveying, L.L.C.

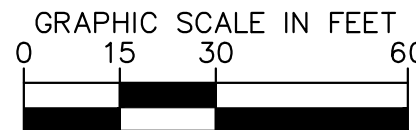
Registered Professional Land Surveyors  
1010 West University  
McKinney, TX 75069  
Ph. (469) 424-2074 Fax: (469) 424-1997  
www.northtexassurveying.com  
Firm Registration No. 10074200










DATE: 05/03/2024 SCALE: 1" = 30' DRAWN BY: C.S.H. CHK'D BY: M.B.A. JOB NO.: 2024-0052

This document, together with the concepts and designs presented herein, as an instrument of service, is intended solely for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc., shall be without liability to Kimley-Horn and Associates, Inc.

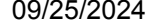


EXISTING UNDERGROUND UTILITIES IN THE AREA CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REPAIRS TO EXISTING UTILITIES DUE TO DAMAGE INCURRED DURING CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES ON THE PLANS.



LEGEND	
ROW LINE	
EX ASPHALT	
EX ASPHALT TO BE REMOVED	
EX CONCRETE	
EX CONCRETE TO BE REMOVED	
EX FLEXBASE TO BE REMOVED	
EX GRAVEL	
EX GRAVEL TO BE REMOVED	
EX TREE TO BE REMOVED	

© 2024 KIMLEY-HORN AND ASSOCIATES, INC.  
260 EAST DAVIS STREET, SUITE 100 MCKINNEY, TX 75069  
PHONE: 469-301-2580  
WWW.KIMLEY-HORN.COM TX F-928



KHA PROJECT 068925103	DATE SEPTEMBER 2024	SCALE AS SHOWN	DESIGNED BY JGS	DRAWN BY JGS	CHECKED BY BBB
--------------------------	------------------------	-------------------	--------------------	-----------------	-------------------

**SRA LTD OFFICE  
PARKING LOT  
RAINS COUNTY, TEXAS**

**PREPARED FOR  
SABINE RIVER AUTHORITY**

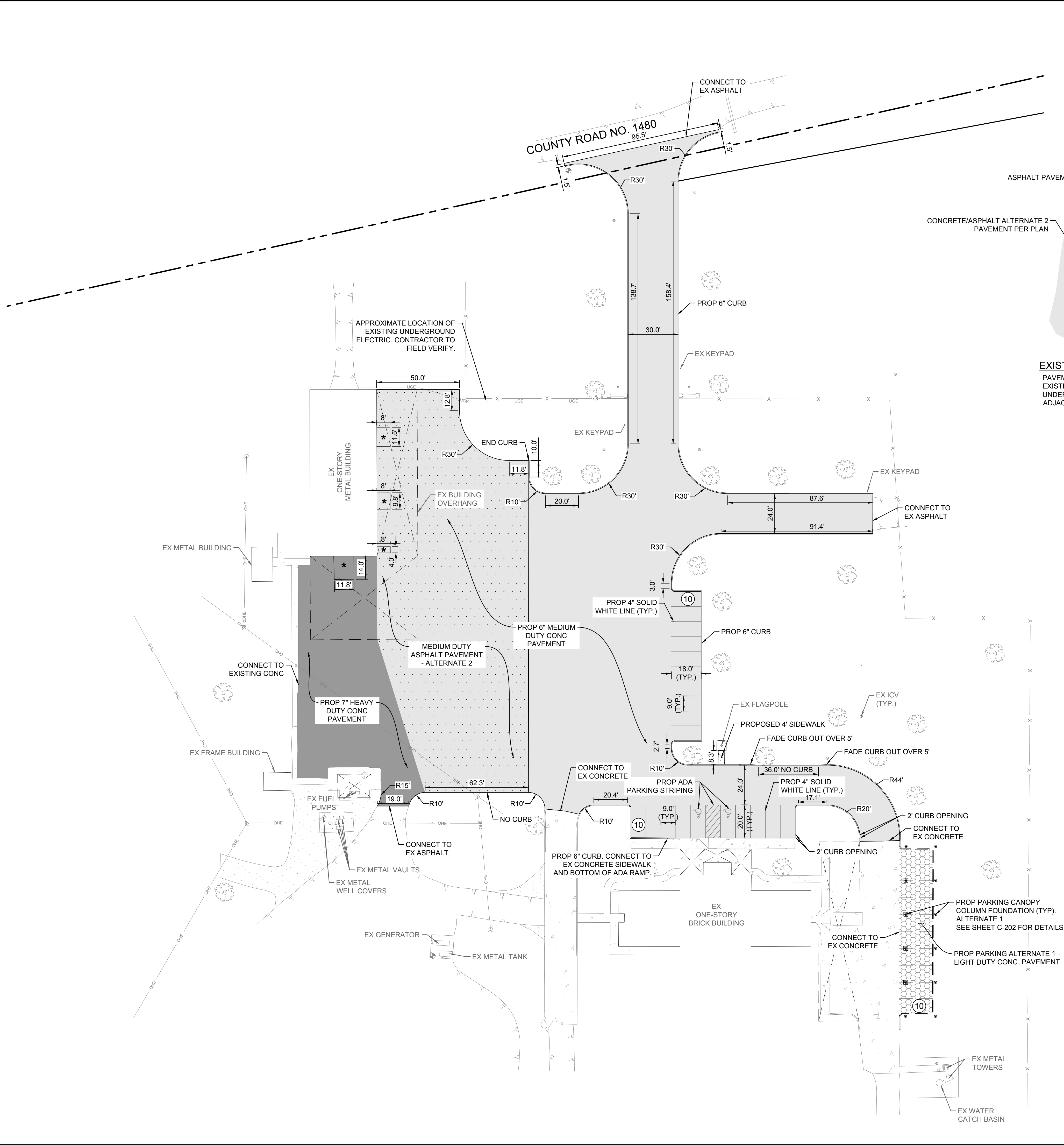
# DEMOLITION PLAN

SHEET NUMBER  
**C-101**

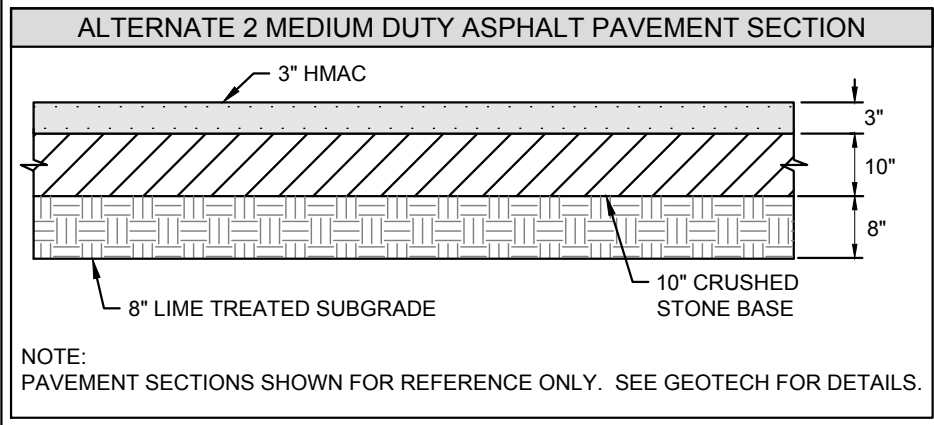
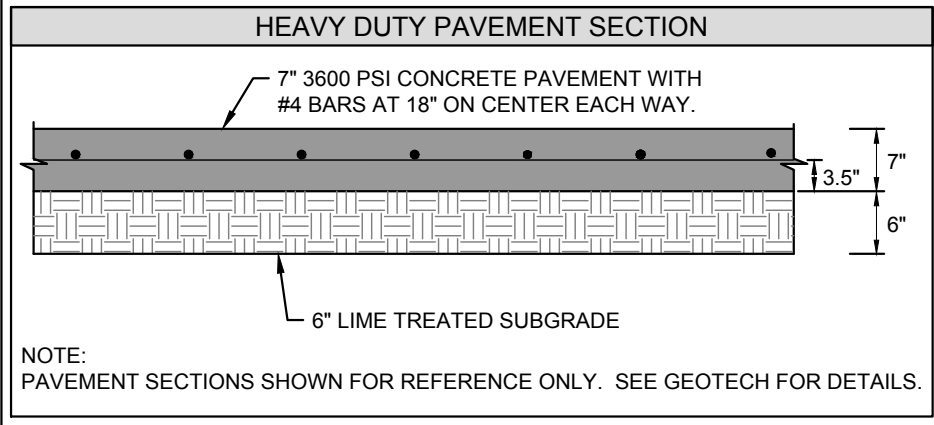
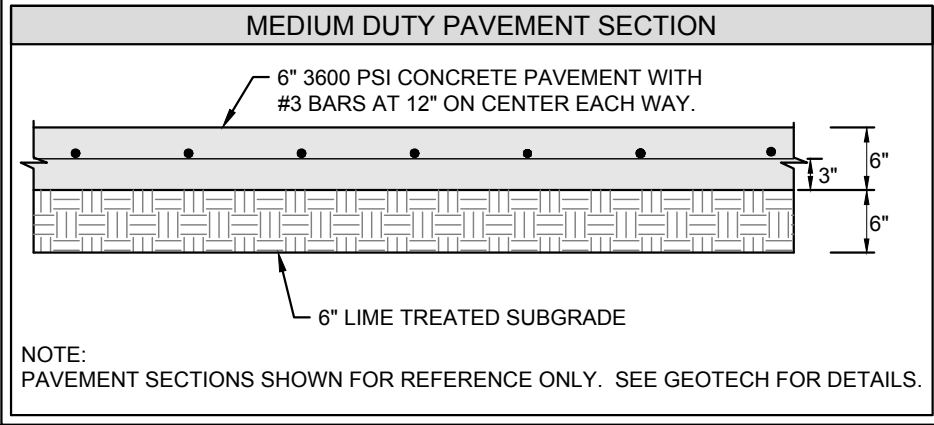
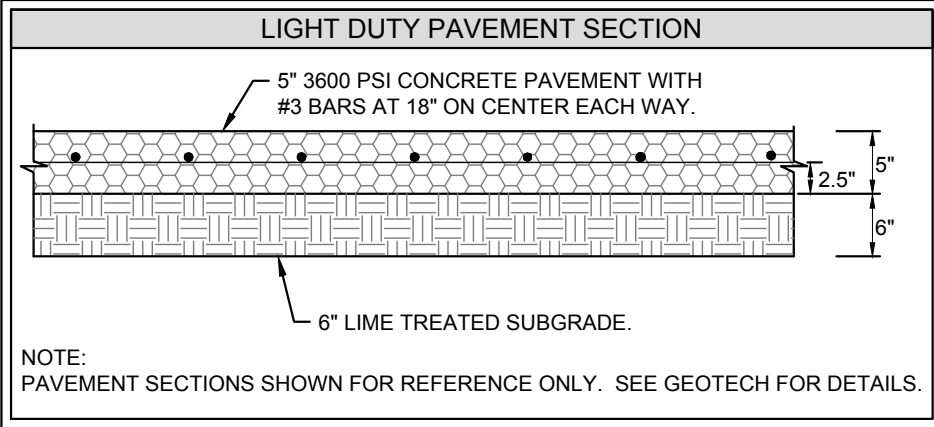
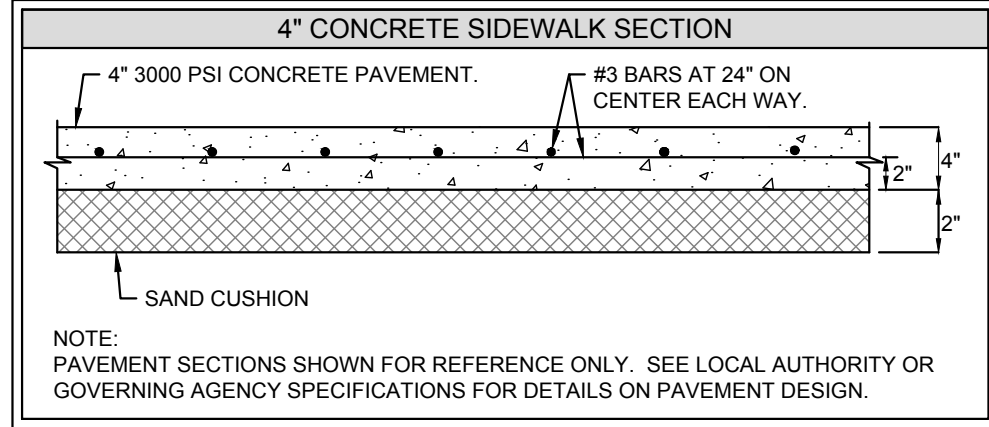


BBB 09/25/2024  
JMS  
LAST SAVED  
DWG PATH  
DRAWN BY  
DATE

This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

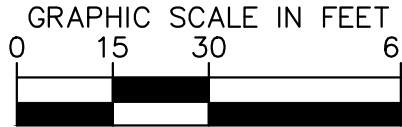
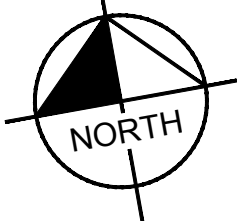


**EXISTING COLUMN PAVEMENT LEAVE-OUT**  
PAVEMENT LEAVE-OUT TO BE INSTALLED AROUND ALL EXISTING COLUMNS WITHIN PROPOSED PAVED AREAS UNDER THE EXISTING BUILDING OVERHANG ADJACENT TO THE EXISTING METAL BUILDING.



NTMWD UTILITIES LOCATED BY NTMWD NOT 811

**CAUTION!**  
EXISTING UNDERGROUND UTILITIES IN THE AREA CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REPAIRS TO EXISTING UTILITIES DUE TO DAMAGE INCURRED DURING CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES ON THE PLANS.



LEGEND	
ROW LINE	
EX ASPHALT	
EX CONCRETE	
PROP 5" LIGHT DUTY CONCRETE	
PROP 6" MEDIUM DUTY CONCRETE	
PROP 7" HEAVY DUTY CONCRETE	
ALTERNATE MEDIUM DUTY ASPHALT	
PROP 4" CONCRETE SIDEWALK	
PROP ACCESSIBLE PARKING	
PROP PARKING COUNT	(10)
EX UNDERGROUND ELECTRIC LINE	UGE
EX OVERHEAD ELECTRIC LINE	OHE

- NOTES**
1. ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
  2. ALL CURB RADII ARE 2' UNLESS DIMENSIONED OTHERWISE.
  3. PAVEMENT SECTIONS SHOWN FOR REFERENCE ONLY. SEE GEOTECH REPORT FOR DETAILS.
  4. CONTRACTOR TO ADJUST EXISTING SANITARY SEWER MANHOLES, ELECTRICAL MANHOLES, FIRE HYDRANTS, VALVE BOXES, WATER METERS, ETC. TO MATCH PROPOSED FINISHED GRADES IF NECESSARY.
  5. \* \* DENOTES A PROPOSED RAMP AT EXISTING DOOR LOCATION.

PAVING AND  
DIMENSION  
CONTROL PLAN

SHEET NUMBER  
C-201

SRA LTD OFFICE  
PARKING LOT  
RAINS COUNTY, TEXAS

PREPARED FOR  
SABINE RIVER AUTHORITY

Kimley»Horn

© 2024 KIMLEY-HORN AND ASSOCIATES, INC.  
260 EAST DAVIS STREET, SUITE 100 MCKINNEY, TX 75069  
PHONE: 469-301-2580  
WWW.KIMLEY-HORN.COM TX F-928

STATE OF TEXAS  
BRANDON B. BELL  
14215B  
PROFESSIONAL  
09/25/2024

KHA PROJECT  
068925103

DATE  
SEPTEMBER 2024

SCALE  
AS SHOWN

DESIGNED BY  
JGS

DRAWN BY  
JGS

CHECKED BY  
BBB

REVISIONS

BY  
DATE



### PLAN VIEW

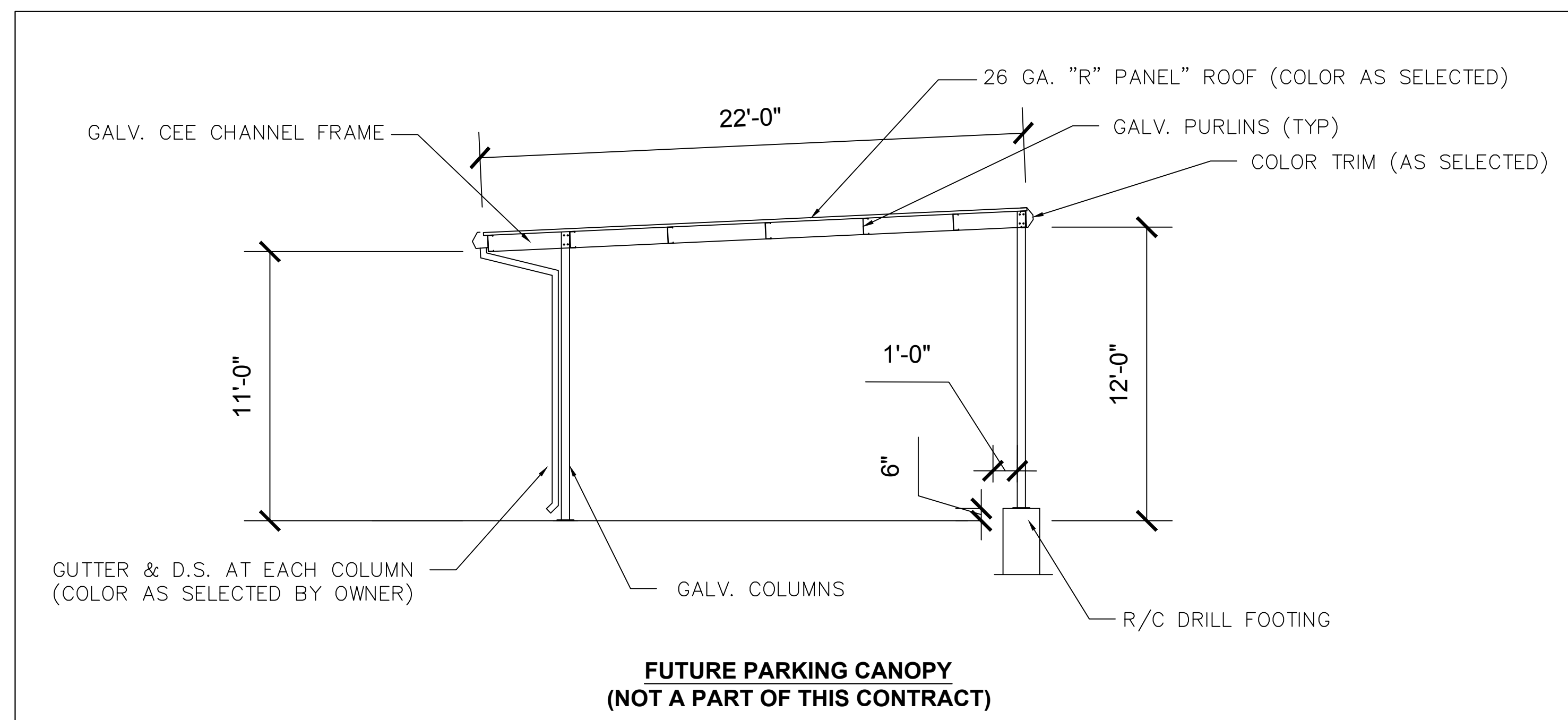
### SECTION VIEW

**COLUMN FOUNDATION DETAIL**  
**WITHIN PAVEMENT**  
**N.T.S.**

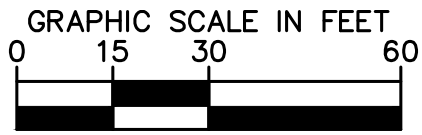
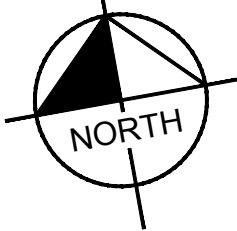
### PLAN VIEW





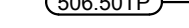




### SECTION VIEW

**COLUMN FOUNDATION DETAIL**  
**WITHIN NATURAL GROUND**  
**N.T.S.**

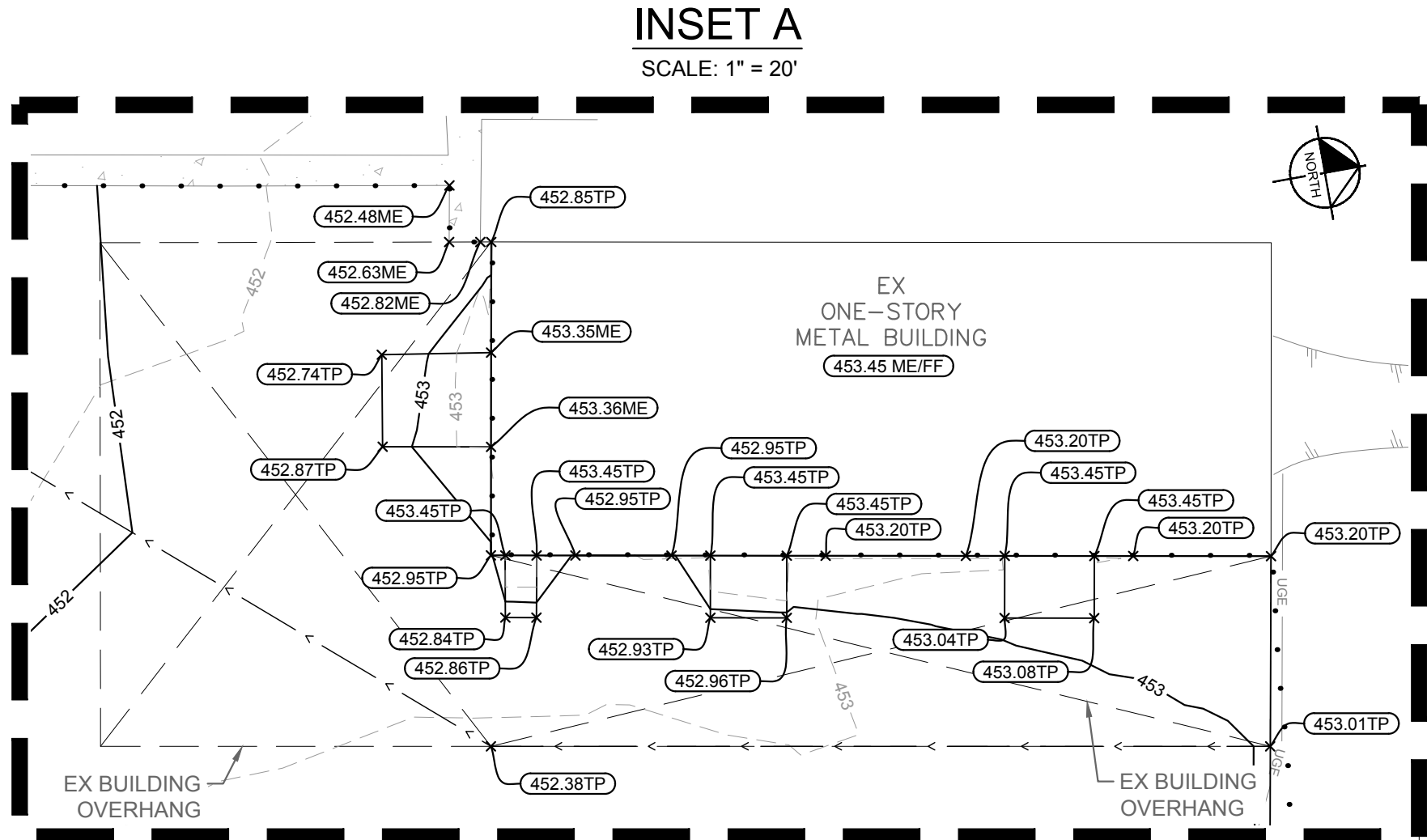
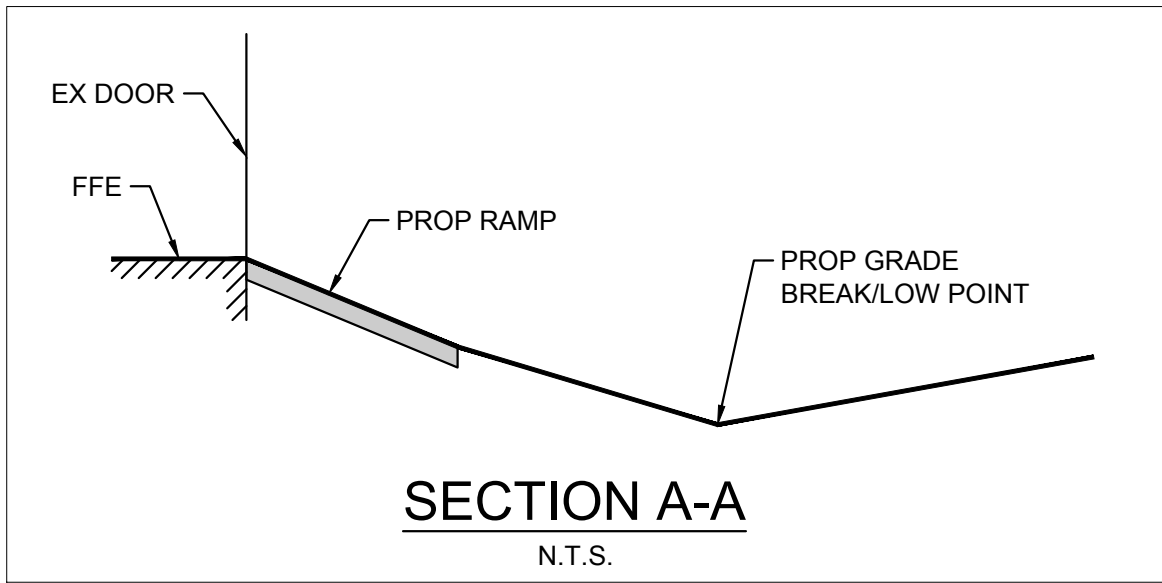






LEGEND	
PROPOSED CONTOURS	
EXISTING CONTOURS	
TOP OF PAVEMENT ELEVATION	
MATCH EXISTING ELEVATION	
MATCH EXISTING FINISH FLOOR ELEVATION	
DRAINAGE ARROW	
GRADE BREAK/LOW POINT	
HIGH POINT	
GRADING LIMITS	

NOTES	
1.	ALL SPOT ELEVATIONS ARE TO TOP OF PAVEMENT UNLESS OTHERWISE NOTED.
2.	CONTRACTOR TO VERIFY A.D.A. COMPLIANCE. FOR ANY QUESTIONS CONTACT CIVIL ENGINEER IMMEDIATELY.
3.	GRADES IN ALL SIDEWALK, ACCESSIBLE ROUTES, INCLUDING DRIVEWAY CROSSINGS, SHALL CONFORM TO ALL APPLICABLE A.D.A. STANDARDS: NOT TO EXCEED 5.0% ALONG TRAVEL PATH WITH NOT MORE THAN 2.0% CROSS SLOPE AND NOT TO EXCEED 2.0% IN ANY DIRECTION IN ACCESSIBLE PARKING AREAS.
4.	CONTRACTOR TO ADJUST EXISTING SANITARY SEWER MANHOLES, ELECTRICAL MANHOLES, FIRE HYDRANTS, VALVE BOXES, WATER METERS, STORM MANHOLES ETC. TO MATCH PROPOSED FINISHED GRADES, IF NECESSARY.
5.	THERE ARE NO LOW SPOTS DESIGNED. CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE OWNER AND ENGINEER OF ANY LOW SPOTS OR OBSTACLES THAT APPEARS.
6.	EXISTING GRADES IN THE FIELD MAY DIFFER FROM THOSE SHOWN ON THE PLANS DUE TO CONSTRUCTION ACTIVITIES TAKING PLACE AFTER THE TOPOGRAPHIC SURVEY WAS PERFORMED. CONTRACTOR SHALL VERIFY ALL EXISTING FIELD CONDITIONS PRIOR TO BEGINNING CONSTRUCTION AND NOTIFY OWNER AND ENGINEER IF ANY DISCREPANCIES ARE FOUND.



**NOTE:** CONTRACTOR TO ENSURE POSITIVE DRAINAGE AWAY FROM BUILDING AND ENSURE NO PONDING WILL OCCUR.



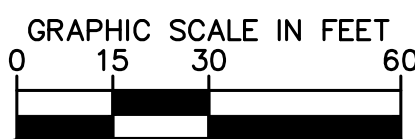
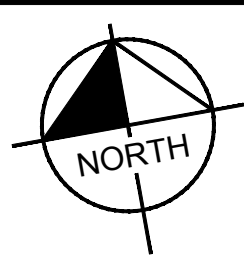
Know what's below.  
Call before you dig.

NTMWD UTILITIES LOCATED BY NTMWD NOT 811

**CAUTION!!**

EXISTING UNDERGROUND UTILITIES IN THE AREA CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REPAIRS TO EXISTING UTILITIES DUE TO DAMAGE INCURRED DURING CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES ON THE PLANS.











## NOTES

1. CONTRACTOR IS SOLELY RESPONSIBLE FOR SELECTION, IMPLEMENTATION, MAINTENANCE, AND EFFECTIVENESS OF ALL SWPPP CONTROLS - CONTROLS SHOWN ON THIS SITE MAP ARE SUGGESTED CONTROLS ONLY.
2. CONTRACTOR SHALL RECORD INSTALLATION, MAINTENANCE OR MODIFICATION, AND REMOVAL DATES FOR EACH BMP EMPLOYED (WHETHER CALLED OUT ON ORIGINAL SWPPP OR NOT) DIRECTLY ON THE SITE MAP.
3. DRAINAGE PATTERNS ARE SHOWN ON THIS PLAN BY PROPOSED AND EXISTING CONTOURS, FLOW ARROWS, AND SLOPES.
4. TEMPORARY AND PERMANENT STABILIZATION PRACTICES AND BMP'S SHALL BE INSTALLED AT THE EARLIEST POSSIBLE TIME DURING CONSTRUCTION TO PREVENT EROSION. AS AN EXAMPLE, PERIMETER SILT FENCE SHALL BE INSTALLED BEFORE COMMENCEMENT OF ANY GRADING ACTIVITIES. OTHER BMP'S SHALL BE INSTALLED AS SOON AS PRACTICABLE AND SHALL BE MAINTAINED UNTIL FINAL SITE STABILIZATION IS ATTAINED. CONTRACTOR SHALL ALSO REFERENCE CIVIL AND LANDSCAPE PLANS SINCE PERMANENT STABILIZATION MAY BE REQUIRED FOR LANDSCAPING, THE BUILDING(S), AND SITE PAVING.
5. BMP'S HAVE BEEN LOCATED AS INDICATED ON THIS PLAN IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES IN ORDER TO MINIMIZE SEDIMENT TRANSFER.
6. ALL SAWCUT WATER SHALL BE VACUUMED AND DISPOSED PROPERLY (I.E. CONCRETE WASHOUT ONLY).
7. A DISTURBED AREA SHALL BE COVERED 100% WITH BERMUDA SOD UPON FINAL COMPLETION OF CONSTRUCTION.

### LEGEND

PROPERTY LINE	
PROPOSED CONTOURS	
EXISTING CONTOURS	
LIMITS OF DISTURBANCE	
SILT FENCE	
CONSTRUCTION ENTRANCE	

PHASING	
PHASE	EROSION CONTROL MEASURES
1. GRADING	ALL SILT FENCE AND CONSTRUCTION ENTRANCE/EXIT SHALL BE INSTALLED PRIOR TO THE INITIATION OF ROUGH GRADING. CONSTRUCTION ENTRANCE TO BE INSTALLED AT THIS TIME.
3. PAVING/BUILDING	ALL PRIOR EROSION CONTROL MEASURES INSTALLED ABOVE TO BE MAINTAINED DURING PAVING AND THROUGHOUT THE REMAINDER OF THE PROJECT.
4. SOIL STABILIZATION /LANDSCAPING	AFTER SITE CONSTRUCTION AND PAVING PHASE, CONTRACTOR TO EXCAVATE BOTTOM OF POND AND REMOVE SEDIMENT TRAP. REMOVE TEMPORARY ENTRANCE/EXIT AND INLET PROTECTION. ALL PRIOR EROSION CONTROL MEASURES INSTALLED ABOVE TO BE MAINTAINED DURING FINE GRADING AND THROUGH OUT THE REMAINDER OF THE PROJECT.

\* THE SEQUENCE OF CONSTRUCTION SHOWN ABOVE IS A GENERAL OVERVIEW AND IS INTENDED TO CONVEY THE GENERAL CONCEPTS OF THE EROSION CONTROL DESIGN AND SHOULD NOT BE RELIED UPON FOR CONSTRUCTION PURPOSES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETAILED PHASING AND CONSTRUCTION SEQUENCING NECESSARY TO CONSTRUCT THE PROPOSED IMPROVEMENTS INCLUDED IN THESE PLANS. THE CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING IMMEDIATELY, PRIOR TO AND/OR DURING CONSTRUCTION IF ANY ADDITIONAL INFORMATION ON THE CONSTRUCTION SEQUENCE IS NECESSARY. CONTRACTOR IS SOLELY RESPONSIBLE FOR COMPLYING WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION AND ALL OTHER APPLICABLE LAWS.



Know what's below.  
Call before you dig.

NTMWD UTILITIES LOCATED BY NTMWD NOT 811

**CAUTION!**

EXISTING UNDERGROUND UTILITIES IN THE AREA CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REPAIRS TO EXISTING UTILITIES DUE TO DAMAGE INCURRED DURING CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES ON THE PLANS.

[illegible]

# Kimley»Horn

© 2024 KIMLEY-HORN AND ASSOCIATES, INC.  
260 EAST DAVIS STREET, SUITE 100 MCKINNEY, TX 75069  
PHONE: 469-301-2580  
WWW.KIMLEY-HORN.COM TX F-928



09/25/2024

KHA PROJECT 068925103	DATE SEPTEMBER 2024
SCALE	AS SHOWN
DESIGNED BY	JGS
DRAWN BY	JGS
CHECKED BY	BBB

SRA LTD OFFICE

PARKING LOT  
RAINS COUNTY, TEXAS

PREPARED FOR  
SABINE RIVER AUTHORITY

# EROSION CONTROL PLAN

SHEET NUMBER  
C-401

## REVISIONS

CHECKED BY BBB

RIVER AUTHORITY

---



