



Ground and Elevated Storage Tank Demolition Project
Solicitation Number: B-18-017-JAM
Job No.: 18-0124

ADDENDUM 1
October 4, 2018

To Bidder of Record:

This addendum, applicable to work referenced above, is an amendment to the bid proposal, plans and specifications and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the Addendum number and issue date on the space provided in submitted copies of the bid proposal.

RESPONSES TO QUESTIONS

- 1. Will these tanks all be ready to be worked at simultaneously, or at least back to back, day by day? Specifically: Sherwood Forest, Remuda Ranch, Ray Lieck, Enchanted, Donella Dr, Storm Oak Dr, Twin Valley, Little Joe Trail and Monument Oak, Tamaron Pass, Rabbit Nook, Sherry, Ima Ruth Pkwy, Blackjack, Calle Briseno, Peaceful Lane. We are trying to figure out how many mobilizations we will have to make to complete these projects, as we are an out of state contractor.**

All sites within the scope of the project have been decommissioned, are no longer in use and ready to be demolished. The schedule of demolitions is at the discretion of the contractor once proper coordination with the Owner has occurred. Per Note 3 of the Demolition Notes on each Demolition Site Plan Sheet, "prior to beginning any demolition work, the Contractor shall provide the consultant and Owner with a schedule of planned demolition activities for review and approval. Once approved, contractor shall coordinate the scheduled demolition work in advance with SAWS representatives." Note that required coordination and permitting may restrict time frames for demolition. Please refer to the Specifications for demolition requirements and agencies that may require coordination. The number of mobilizations required will be at the discretion of the contractor based on the contractor's schedule of planned demolition.

- 2. Will all of these sites be ready to demo at the same time, or a few months apart/later?**

Refer to response for Question 1 above. All sites within the scope of the project have been decommissioned, are no longer in use and ready to be demolished.

- 3. Can we get a break down of when each site is anticipated to be demoed, and what other sites can happen at that same time?**

Refer to response for Question 1 above. Per Note 3 of the Demolition Notes on each Demolition Site Plan Sheet, "prior to beginning any demolition work, the Contractor shall provide the consultant and Owner with a schedule of planned demolition activities for review and approval. Once approved, contractor shall coordinate the scheduled demolition work in advance with SAWS representatives."

- 4. Who is responsible for electrical disconnection from the site? Where does work for electrical demolition end?**

Coordination will be required with SAWS and CPS Energy per Specification 16010 for service disconnection and removal of all electrical components. Per Note 12 of the Demolition Notes on each Demolition Site Plan Sheet,

“Contractor shall coordinate with CPS, AT&T, and all other applicable utility providers regarding all relocations or removals of existing overhead power poles, and obtain the necessary approvals and permits.”

5. Is all unknown piping assumed to be Asbestos Cement Pipes?

The pipe materials are provided in the Plans when record data was available. Otherwise, the contractor will need to determine material in the field, during construction, and utilize the proper methods for cutting, capping and disposing of piping. As per the notes in the Plans, all existing utilities are based on SAWS block map data. Contractor is to determine in the field and verify location, material, and sizes of the piping to be disposed of or cut and capped as detailed in the demolition plans.

CHANGES TO THE PLANS

1. SHEET G4 – GENERAL NOTES – REMOVE in its entirety and REPLACE with attached sheet.
 - Updates to the Required Permits and Work Orders section has been updated to remove references to a “Permit Allowance Pay Item” which is not applicable to this project. Modifications have also been made to include additional known permits that will be required for this project but is not an all-inclusive list.
2. SHEET C30 – 25300 FAHRENTHOLD CIRCLE DEMOLITION PLAN – REMOVE in its entirety and REPLACE with attached sheet.
 - The demolition plan for the Fahrenthold site have been modified to clarify which portions of the fencing at this site only are to be removed. Perimeter fencing at all other sites shall remain.

END OF ADDENDUM

This Addendum, including these 2 pages, is 4 pages with attachments in its entirety.

Attachments:

- SHEET G4
- SHEET C30

Kendall NeSmith, P.E.
Kimley-Horn and Associates, Inc.



SAWS General Construction Notes

- ALL MATERIALS AND CONSTRUCTION PROCEDURES WITHIN THE SCOPE OF THIS CONTRACT SHALL BE APPROVED BY THE SAN ANTONIO WATER SYSTEM (SAWS) AND COMPLY WITH THE PLANS, SPECIFICATIONS, GENERAL CONDITIONS AND WITH THE FOLLOWING AS APPLICABLE:
 - CURRENT TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) "DESIGN CRITERIA FOR DOMESTIC WASTEWATER SYSTEM"; TEXAS ADMINISTRATIVE CODE (TAC) TITLE 30 PART 1 CHAPTER 217 AND "PUBLIC DRINKING WATER"; TAC TITLE 30 PART 1 CHAPTER 290.
 - CURRENT TxDOT "STANDARD SPECIFICATIONS FOR CONSTRUCTION OF HIGHWAYS, STREETS AND DRAINAGE."
 - CURRENT "SAN ANTONIO WATER SYSTEM STANDARD SPECIFICATIONS FOR WATER AND SANITARY SEWER CONSTRUCTION."
 - CURRENT CITY OF SAN ANTONIO "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION."
 - CURRENT CITY OF SAN ANTONIO "UTILITY EXCAVATION CRITERIA MANUAL" (UECM).
- THE CONTRACTOR SHALL OBTAIN SAWS STANDARD DETAILS FROM SAWS WEBSITE, HTTP://WWW.SAWS.ORG/BUSINESS_CENTER/SPECS. UNLESS OTHERWISE NOTED WITHIN DESIGN PLANS.
- THE CONTRACTOR IS TO NOTIFY AND MAKE ARRANGEMENTS WITH THE SAWS CONSTRUCTION INSPECTION DIVISION AT 233-3500, AND PROVIDE NOTIFICATION PROCEDURES THE CONTRACTOR WILL USE TO NOTIFY AFFECTED HOME RESIDENTS AND/OR PROPERTY OWNERS 48 HOURS PRIOR TO EXCAVATION.
- LOCATIONS AND DEPTHS OF EXISTING UTILITIES AND SERVICE LATERALS SHOWN ON THE PLANS ARE UNDERSTOOD TO BE APPROXIMATE. ACTUAL LOCATIONS AND DEPTHS MUST BE FIELD VERIFIED BY THE CONTRACTOR AT LEAST 1 WEEK PRIOR TO CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE UTILITY SERVICE LINES AS REQUIRED FOR CONSTRUCTION AND TO PROTECT THEM DURING CONSTRUCTION AT NO COST TO SAWS.

THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF UNDERGROUND UTILITIES AND DRAINAGE STRUCTURES AT LEAST 1-2 WEEKS PRIOR TO CONSTRUCTION WHETHER SHOWN ON PLANS OR NOT. PLEASE ALLOW UP TO 7 BUSINESS DAYS FOR LOCATES REQUESTING PIPE LOCATION MARKERS ON SAWS FACILITIES. THE FOLLOWING CONTACT INFORMATION ARE SUPPLIED FOR VERIFICATION PURPOSES:

SAN ANTONIO WATER SYSTEM:
SAWS UTILITY LOCATES: HTTP://WWW.SAWS.ORG/SERVICE/LOCATES

COSA DRAINAGE 207-8052
COSA TRAFFIC SIGNAL OPERATIONS 207-7720
TEXAS STATE WIDE ONE CALL LOCATOR 1-800-545-6005 OR 811
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING EXISTING FENCES, CURBS, STREETS, DRIVEWAYS, SIDEWALKS, LANDSCAPING AND STRUCTURES TO ITS ORIGINAL OR BETTER CONDITION AS A RESULT OF DAMAGES DONE BY THE PROJECT'S CONSTRUCTION, AT NO ADDITIONAL COST TO SAWS. THIS EXCLUDES ITEMS IDENTIFIED FOR DEMOLITION IN THESE PLANS.
- ALL WORK IN TEXAS HIGHWAY DEPARTMENT AND BEXAR COUNTY RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH RESPECTIVE CONSTRUCTION SPECIFICATIONS AND PERMIT.
- THE CONTRACTOR SHALL COMPLY WITH CITY OF SAN ANTONIO OR OTHER GOVERNING MUNICIPALITY'S TREE ORDINANCES WHEN EXCAVATING NEAR TREES.
- THE CONTRACTOR SHALL NOT PLACE ANY WASTE MATERIALS IN THE 100-YEAR FLOOD PLAIN WITHOUT FIRST OBTAINING AN APPROVED FLOOD PLAIN PERMIT.
- ANY WORK COMPLETED WITHOUT PRIOR WRITTEN AUTHORIZATION WHICH IS NOT INCLUDED IN THESE PLANS AND SPECIFICATIONS WILL NOT BE COMPENSATED BY THE SAN ANTONIO WATER SYSTEM.
- HOLIDAY WORK: CONTRACTORS WILL NOT BE ALLOWED TO PERFORM SAWS WORK ON SAWS RECOGNIZED HOLIDAYS. REQUEST SHOULD BE SENT TO CONSTWORKREQ@SAWS.ORG.
- WEEKEND WORK: CONTRACTORS ARE REQUIRED TO NOTIFY THE SAWS INSPECTION CONSTRUCTION DEPARTMENT 48 HOURS IN ADVANCE TO REQUEST WEEKEND WORK. REQUEST SHOULD BE SENT TO CONSTWORKREQ@SAWS.ORG.
- ANY AND ALL SAWS UTILITY WORK INSTALLED WITHOUT HOLIDAY/WEEKEND APPROVAL WILL BE SUBJECT TO BE UNCOVERED FOR PROPER INSPECTION.
- PRE CON SITE VIDEO: BEFORE THE START OF ANY CONSTRUCTION. THE SITE MUST BE VIDEO RECORDED BY THE CONTRACTOR WITH ONE COPY SUBMITTED TO SAWS INSPECTIONS. A PRE-SITE VIDEO WILL PROVIDE ACCURATE DOCUMENTATION OF THE EXISTING CONDITIONS. (N.S.P.I.).
- POWER POLE BRACING: CONTRACTORS SHOULD BE ADVISED THAT THERE ARE EXISTING OVERHEAD UTILITY POLES ALONG THE PROJECT CORRIDOR. CONTRACTORS SHOULD FURTHER BE ADVISED THAT IF THE DISTANCE FROM THE OUTSIDE FACE OF A UTILITY TRENCH TO THE FACE OF A UTILITY POLE IS LESS THAN 5 FEET, SAID UTILITY POLE IS SUBJECT TO BRACING, BASED ON A DETERMINATION MADE BY UTILITY POLE OWNER. COSTS INCURRED BY CONTRACTOR FOR BRACING OF THESE UTILITY POLES IS SUBSIDIARY TO THAT RESPECTIVE UTILITY COMPANY'S WORK. IT IS ADVISABLE FOR THE CONTRACTOR TO REVIEW THE CONSTRUCTION DOCUMENTS, AND VISIT THE CONSTRUCTION SITE TO DETERMINE POTENTIAL IMPACTS.

SAWS General Water Notes

- ANY SHUTDOWNS OF EXISTING MAINS OF ANY SIZE MUST BE COORDINATED WITH THE SAWS INSPECTION AND/OR SAWS PRODUCTION GROUPS AT LEAST ONE WEEK OR MORE IN ADVANCE OF THE SHUTDOWN. THE CONTRACTOR MUST ALSO PROVIDE A SEQUENCE OF WORK AS THE RESPONSIBILITY OF THE CONTRACTOR TO SEQUENCE THE WORK ACCORDINGLY. SAWS PRODUCTION CONTROL CENTER 233-2016
- ASBESTOS CEMENT (AC) PIPE, ALSO KNOWN AS TRANSITE PIPE WHICH IS KNOWN TO CONTAIN ASBESTOS-CONTAINING MATERIAL (ACM), MAYBE LOCATED WITHIN THE PROJECT LIMITS. SPECIAL WASTE MANAGEMENT PROCEDURES AND HEALTH AND SAFETY REQUIREMENTS WILL BE APPLICABLE WHEN REMOVAL AND/OR DISTURBANCE OF THIS PIPE OCCURS. PAYMENT FOR SUCH WORK IS TO BE MADE UNDER SPECIAL SPECIFICATION ITEM NO. 3000, "SPECIAL SPECIFICATION FOR HANDLING ASBESTOS CEMENT PIPE".
- VALVE REMOVAL: WHERE THE CONTRACTOR IS TO ABANDON A WATER MAIN, THE CONTROL VALVE LOCATED ON THE ABANDONING BRANCH WILL BE REMOVED AND REPLACED WITH A CAP/PLUG. (N.S.P.I.).

General Notes

- WITHIN THE LIMITS OF CONSTRUCTION AND/OR ACCESS TO THE PROJECT, THE CONTRACTOR WILL ENCOUNTER TRASH, DEBRIS, DUMPED OBJECTS, AND OTHER WASTE MATERIAL. THE CONTRACTOR WILL BE REQUIRED TO PROPERLY DISPOSE OF THESE MATERIALS AT AN APPROVED LOCATION. THIS WORK SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT COST.
- THE CONTRACTOR SHALL AVOID CUTTING ROOTS LARGER THAN ONE INCH IN DIAMETER WHEN EXCAVATING NEAR EXISTING TREES. EXCAVATION IN VICINITY OF TREES SHALL PROCEED WITH CAUTION. THE CONTRACTOR SHALL CONTACT THE CITY ARBORIST AT (210) 207-0278 FOR GUIDANCE. THE INSPECTOR SHALL ALSO BE NOTIFIED.
- CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD SAWS AND THE CONSULTANT HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT, EXCEPT FROM LIABILITY ARISING FROM SOLE NEGLIGENCE OF SAWS OR CONSULTANT.
- CONTRACTOR IS REQUIRED TO VERIFY PROJECT ELEVATIONS. "MATCH EXISTING" SHALL BE UNDERSTOOD TO SIGNIFY VERTICAL AND HORIZONTAL ALIGNMENT.
- ANY DISCREPANCY OR CONFLICT WITHIN THE DRAWINGS AND SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE CONSULTANT. NEW DISCREPANCIES OR CONFLICTS NOT BROUGHT TO CONSULTANT'S ATTENTION AND CLARIFIED DURING THE BIDDING OF THE PROJECT WILL BE DEEMED TO HAVE BEEN BID OR PROPOSED IN THE MORE COSTLY OR DIFFICULT MANNER, AND THE BETTER QUALITY OR GREATER QUANTITY OF THE WORK SHALL BE PROVIDED BY THE CONTRACTOR IN ACCORDANCE WITH THE CONSULTANT'S INTERPRETATION. ALL ITEMS, WORK, AND IMPROVEMENTS SHOWN OR INDICATED IN THE CONSTRUCTION DOCUMENTS SHALL BE COMPLETED FOR THE PRICES BID, WHETHER OR NOT A SEPARATE PAY ITEM IS INCLUDED IN THE CONTRACT.
- THE CONTRACTOR SHALL FURNISH ALL ASSISTANCE REQUIRED OF HIM BY ALL INSPECTORS IN OBTAINING SAMPLES AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL MAINTAIN ALL EXISTING WATER LINES IN SERVICE AT ALL TIMES DURING CONSTRUCTION (UNLESS OTHERWISE INDICATED IN THESE PLANS).
- ELECTRICAL LINES ARE LOCATED IN THE PROJECT AREA. THE ATTENTION OF THE CONTRACTOR IS DIRECTED TO STATE LAW (HEALTH AND SAFETY CODE, TITLE 9, SUBTITLE A, CHAPTER 752) CONCERNING CONSTRUCTION OPERATIONS IN THE VICINITY OF ELECTRICAL LINES AND THE NEED FOR EFFECTIVE PRECAUTIONARY MEASURES.
- THESE PLANS, PREPARED BY KIMLEY-HORN AND ASSOCIATES, INC. DO NOT EXTEND TO OR INCLUDE DESIGNS OR SYSTEMS PERTAINING TO THE SAFETY OF THE CONSTRUCTION CONTRACTOR OR ITS EMPLOYEES, AGENTS OR REPRESENTATIVES IN THE PERFORMANCE OF THE WORK. THE SEAL OF KIMLEY-HORN AND ASSOCIATES, INC.'S LICENSED PROFESSIONAL ENGINEER(S) HEREON DOES NOT EXTEND TO ANY SUCH SAFETY SYSTEMS THAT MAY NOW OR HEREAFTER BE INCORPORATED INTO THE WORK. THE CONSTRUCTION CONTRACTOR SHALL PREPARE OR OBTAIN THE APPROPRIATE SAFETY SYSTEMS.
- CONTRACTOR MUST ASSURE HIMSELF THAT ALL CONSTRUCTION PERMITS HAVE BEEN OBTAINED PRIOR TO COMMENCEMENT OF WORK. REQUIRED PERMITS THAT CAN ONLY BE ISSUED TO THE CONTRACTOR ARE TO BE OBTAINED AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL COORDINATE INTERRUPTIONS OF ALL UTILITIES AND SERVICES WITH APPLICABLE UTILITY COMPANY OR COMPANIES. ALL WORK TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY COMPANY OR AGENCY INVOLVED.
- CONTRACTOR SHALL LOCATE, PROTECT AND MAINTAIN BENCHMARKS, MONUMENTS AND CONTROL POINTS. THE CONTRACTOR SHALL RE-ESTABLISH ANY PROPERTY MARKER, BENCHMARK, ETC. DISTURBED DURING CONSTRUCTION TO ITS ORIGINAL LOCATION AND ELEVATION. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE VERTICAL AND HORIZONTAL CONTROL SHOWN ON THE PLANS THROUGHOUT THE PROJECT.
- EXISTING PAVING, BUILDINGS, AND OTHER ITEMS SHOWN ON PLANS NOT SPECIFICALLY RELATED TO THE WORK OF THE CONTRACT ARE FOR INFORMATIONAL PURPOSES ONLY.
- ANY CHANGES OR REVISIONS TO THESE PLANS MUST FIRST BE SUBMITTED TO SAWS FOR REVIEW AND WRITTEN APPROVAL.
- NO SEPARATE PAY FOR ITEMS REQUIRED BY NOTES ON THIS SHEET, UNLESS INCLUDED ON PROPOSAL FORM.
- CONTRACTOR SHALL MECHANICALLY RESTRAIN ALL PRESSURE PIPE, INCLUDING DUCTILE IRON FITTING CONNECTIONS TO ALL PRESSURE PIPE, UNLESS OTHERWISE NOTED. (N.S.P.I.).
- ALL PIPE INSTALLED SHALL CONFORM TO SAWS STANDARDS AND REQUIREMENTS. PIPE PRESSURE CLASS SHALL BE PER THE SPECIFICATIONS. ALL PIPE SHALL BE WELDED STEEL PER SPECIFICATIONS UNLESS INDICATED OTHERWISE. ANY MECHANICAL AND PUSH-ON PIPE SHALL BE FULLY RESTRAINED.
- THE CONTRACTOR SHALL PROVIDE A COURSE OF ACTION PLAN FOR THE OCCURRENCE OF AN ACCIDENTAL SPILL OF FUEL OR OTHER SUBSTANCE DURING CONSTRUCTION. THE ACTION PLAN SHALL BE SUBMITTED FOR REVIEW TO SAWS AND NO CONSTRUCTION OR MOBILIZATION SHALL OCCUR PRIOR TO ACCEPTANCE OF THE ACTION PLAN.
- THE CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF EXISTING WATER LINES AND THRUST BLOCKING WHEN EXCAVATING NEAR OR BENEATH EXISTING FACILITIES. UTILITIES AND PIPELINES TO BE DISTURBED BY NEW WORK SHALL BE PROTECTED. CONTRACTOR SHALL VERIFY WHETHER EXISTING PIPE IS OR IS NOT RESTRAINED PRIOR TO CONSTRUCTION.
- FIELD VERIFY LOCATION, DEPTH, JOINT LOCATIONS AND TYPE OF PIPE MATERIAL AND SIZE OF ALL UNKNOWN PIPES TO BE CONNECTED TO, CROSSED, ETC., PRIOR TO ORDERING MATERIAL OR DOING ANY NEW PIPE WORK. IN SITUATIONS WHERE THE PLANS INDICATE POSSIBLE SPACE CONFLICTS BETWEEN NEW BURIED PIPING AND EXISTING UTILITY PIPING, ELECTRICAL CONDUITS, ETC., INCLUDING LOCATIONS WHERE THE EXISTING PIPING WILL BE WITHIN THE LIMITS OF TRENCHING FOR THE NEW PIPE, THE CONTRACTOR SHALL DO THE FOLLOWING:
 - FIELD LOCATE EXISTING PIPING AND DETERMINE THE ACTUAL EXTENT OF THE CONFLICT.
 - IF CONTRACTOR CAN "WORK AROUND" THE EXISTING PIPING IN THE CONSULTANT'S OPINION, THE EXISTING PIPING SHALL BE SUPPORTED AND PROTECTED AND KEPT IN SERVICE AS SPECIFIED ELSEWHERE.

- IF THERE IS AN UNWORKABLE CONFLICT, THE CONTRACTOR SHALL PROPOSE A SOLUTION ACCEPTABLE TO THE CONSULTANT AND ADJUST OR REROUTE THE NEW OR EXISTING PIPE AS NECESSARY TO ELIMINATE THE CONFLICT.
- THIS WORK WILL BE CONSIDERED TO BE PART OF THE BASIC CONTRACT AND NO ADDITIONAL PAYMENT WILL BE MADE FOR ADJUSTMENTS/REROUTES OF EXISTING PIPING SHOWN ON THE PLANS.
- THE CONTRACTOR SHALL NOTIFY THE OWNER AND CONSULTANT AND ALL RESPECTIVE GOVERNMENTAL OR UTILITY AGENCIES AFFECTED BY CONSTRUCTION 72 HOURS PRIOR TO STARTING CONSTRUCTION. SEE NOTE 5.
- CONTRACTOR SHALL SUBMIT PRE-CONSTRUCTION SITE VIDEO, AT OR BEFORE THE PRE-CONSTRUCTION MEETING, TO THE OWNER AND CONSULTANT. SEE NOTE 12.
- IF IN THE OPINION OF THE INSPECTOR, BASED ON TESTING SERVICE REPORTS AND INSPECTION, MATERIALS OR COMPACTION ARE BELOW THE SPECIFIED REQUIREMENTS, THE CONTRACTOR SHALL CORRECT THE DEFICIENCY AND RE-TEST TO OBTAIN THE SPECIFIED PARAMETERS AT NO ADDITIONAL EXPENSE TO THE OWNER.
- THE CONTRACTOR SHALL TAKE ALL AVAILABLE PRECAUTIONS TO CONTROL DUST. THE CONTRACTOR SHALL CONTROL DUST BY SPRINKLING WATER, OR AN ALTERNATIVE METHOD, AS APPROVED BY THE OWNER AND CONSULTANT, AT THE SOLE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR PERFORMING ALL CONSTRUCTION LAYOUTS FROM THE SITE LAYOUT CONTROL POINTS, AND FROM THE DIMENSIONS AND CENTERLINES SHOWN. THE CONTRACTOR MUST NOTIFY THE OWNER AND CONSULTANT OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.
- CONTRACTOR SHALL DISINFECT ALL PIPING IN ACCORDANCE WITH PROJECT SPECIFICATION 02519. ALL TEMPORARY SHUTDOWNS, CONNECTIONS, FITTINGS, AND PIPING REQUIRED FOR CHLORINATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE CONSIDERED SUBSIDIARY TO THE COST OF THE PROJECT.
- OTHER CONTRACTORS MAY BE WORKING ON THE SITE IN CONJUNCTION WITH OTHER CONCURRENT CONTRACTS. CONTRACTOR SHALL COORDINATE ACTIVITIES WITH OTHER CONTRACTORS ONSITE, THE OWNER, AND THE OWNER'S REPRESENTATIVE.
- IF EXISTING VALVES, PIPELINES AND STRUCTURES LEAK WHEN VALVES ARE IN THE CLOSED POSITION, CONTRACTOR SHALL PROVIDE MEANS AND EQUIPMENT NECESSARY TO CONTROL WATER DURING CONSTRUCTION.
- DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALES SHOWN ON THE DRAWINGS.
- UNLESS DETAILED, SPECIFIED, OR INDICATED OTHERWISE, CONSTRUCTION SHALL BE AS INDICATED IN THE APPLICABLE TYPICAL DETAILS AND THESE GENERAL NOTES. TYPICAL DETAILS ARE MEANT TO APPLY EVEN THOUGH NOT REFERENCED AT SPECIFIC LOCATIONS ON DRAWINGS WHERE THEY OCCUR.
- ALL NUTS AND BOLTS USED MUST HAVE AN ANTI-SEIZE COMPOUND APPLIED.
- ISOLATION KITS ARE TO BE INSTALLED BETWEEN ALL DISSIMILAR METALS. THE ISOLATIONS KITS SHALL INCLUDE A FULL-FACE ISOLATION GASKET, ISOLATION SLEEVES AND ISOLATION WASHERS.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN ALL REQUIRED STORM WATER PERMITS, FEES, AND APPROVALS. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PERMITS REQUIRED FOR CONSTRUCTION IN DRAINAGE EASEMENTS, RIGHT-OF-WAYS, AND FLOODPLAINS. (N.S.P.I.)
- CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY/EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) WITHIN THE PROJECT WORK AREAS IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS AND/OR PROCEDURES. THE CONTRACTOR'S IMPLEMENTATION OF THE SYSTEMS, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLIES WITH AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.
- GROUND WATER AT THE SITE WILL VARY DEPENDING ON SEASONAL VARIATIONS AND SUBSURFACE CONDITIONS. BORING LOGS INDICATING THE LEVEL OF GROUNDWATER ARE NOT PROVIDED FOR THIS PROJECT. CONTRACTOR SHALL BE AWARE OF POSSIBLE GEOTECHNICAL CONFLICTS.
- PROVIDE THE REQUIRED MINIMUM DENSITY AND MOISTURE CONTENT OF COMPACTED FILL IN ACCORDANCE WITH THE SOILS REPORT AND THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
- WHEN THE SUBGRADE OR LAYER OF SOIL MATERIAL MUST BE MOISTURE CONDITIONED BEFORE COMPACTION, CONTRACTOR SHALL UNIFORMLY APPLY THE REQUIRED AMOUNT OF WATER TO THE SURFACE OF SUBGRADE, OR LAYER OF SOIL MATERIAL, IN SUCH A MANNER AS TO PREVENT FREE WATER FROM APPEARING ON THE SURFACE DURING OR SUBSEQUENT TO COMPACTION OPERATIONS.
- ALL EXCAVATION SHALL BE UNCLASSIFIED REGARDLESS OF MATERIAL ENCOUNTERED. NO ADDITIONAL PAYMENT WILL BE MADE FOR WATER, SAND, GRAVEL, OR OTHER UNSTABLE CONDITIONS ENCOUNTERED IN THE EXCAVATION. NO ADDITIONAL PAYMENT WILL BE MADE FOR ROCK EXCAVATION.
- A TESTING LABORATORY SHALL BE EMPLOYED BY THE CONTRACTOR TO CHECK THE SUITABILITY OF MATERIAL SELECTED FOR CONTROLLED FILLS, TO TEST AND DETERMINE IF THE REQUIRED DENSITY IS BEING OBTAINED, AND TO TEST COMPACTION OF EXPOSED SUBGRADES. LABORATORY REPORTS ON TESTS PERFORMED SHALL INCLUDE LOCATIONS OF FIELD TESTS. SAMPLING AND TESTING OF MATERIALS AND LABORATORY INSPECTION OF MATERIALS AND PROCESSES SHALL BE PERFORMED AT THE EXPENSE OF THE CONTRACTOR UNLESS OTHERWISE PROVIDED BY OWNER. TESTING SHALL BE IN ACCORDANCE WITH SAWS CURRENT STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. FIRMS PROVIDING CONSTRUCTION MATERIALS TESTING SERVICES MUST HAVE AN ESTABLISHED IN-HOUSE LABORATORY MEETING THE STANDARDS OF THE ASTM REQUIREMENTS. TESTING RESULTS

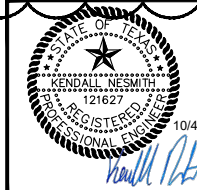
- SHALL BE PROVIDED TO THE CONSULTANT AND INSPECTOR DIRECTLY FROM THE TESTING LABORATORY.
- WHEN TESTS INDICATE COMPACTION DOES NOT MEET REQUIREMENTS, FILL AND BACKFILL SHALL BE DRIED OUT OR MOISTENED AS NECESSARY, SCARIFIED, AND RECOMPACTED. RECOMPACTED AREAS SHALL BE RETESTED AT NO COST TO THE OWNER.
- RECORDS**
- THE CONTRACTOR SHALL MAINTAIN A NEAT AND ACCURATE RECORD OF CONSTRUCTION FOR THE CONSULTANT'S RECORDS. THE CONTRACTOR SHALL PROVIDE CONSULTANT WITH FULL SIZE REPRODUCIBLE MARKUPS THAT RECORD ALL CONSTRUCTION DEVIATING FROM THE PLANS.
- DEMOLITION**
- KIMLEY-HORN AND ASSOCIATES, INC. IS NOT RESPONSIBLE FOR THE MEANS AND METHODS EMPLOYED BY THE CONTRACTOR TO IMPLEMENT THIS DEMOLITION PLAN. THIS PRELIMINARY DEMOLITION PLAN SIMPLY INDICATED THE KNOWN OBJECTS ON THE SUBJECT TRACTS THAT ARE TO BE DEMOLISHED AND REMOVED FROM THE SITE. KIMLEY-HORN AND ASSOCIATE, INC. DOES NOT WARRANT OR REPRESENT THAT THE PLAN, WHICH WAS PREPARED BASED ON VISUAL SITE OBSERVATION, AERIAL PHOTOGRAPHY AND UTILITY INFORMATION PROVIDED BY OTHERS, SHOW ALL IMPROVEMENTS AND UTILITIES, THAT THE IMPROVEMENTS AND UTILITIES ARE SHOWN ACCURATELY. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING HIS OWN SITE RECONNAISSANCE TO SCOPE HIS WORK AND TO CONFIRM WITH THE OWNERS OF IMPROVEMENTS AND UTILITIES THE ABILITY AND PROCESS FOR THE REMOVAL OF THEIR FACILITIES. THIS PLAN IS INTENDED TO GIVE A GENERAL GUIDE TO THE CONTRACTOR, NOTHING MORE. REMOVAL OR PRESERVATION OF IMPROVEMENTS, UTILITIES, ETC. ARE THE RESPONSIBILITY OF THE CONTRACTOR.
 - THE INTENT OF THESE PLANS AND SPECIFICATION IS FOR THE COMPLETE DEMOLITION AND REMOVAL OF ALL STRUCTURES, TANKS, ABOVE GROUND PIPING, STORAGE TANKS, AND ALL OTHER SLABS AND MISCELLANEOUS APPURTENANCES, AS WELL AS THE RESTORATION OF THE SITE TO MATCH EXISTING GROUND.
 - THE CONTRACTOR IS STRONGLY CAUTIONED TO REVIEW THE FOLLOWING REPORTS DESCRIBING SITE CONDITIONS PRIOR TO BIDDING AND IMPLEMENTING THE DEMOLITION PLAN.
 - LABORATORY TESTING DATA FOR PRESENCE OF LEAD, CADMIUM AND CHROMIUM.
 - CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS REGARDING THE DEMOLITION OF OBJECTS ON THE SITE AND THE DISPOSAL OF THE DEMOLITION MATERIALS OFF-SITE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO REVIEW THE SITE, DETERMINE THE APPLICABLE REGULATIONS, RECEIVE THE REQUIRED PERMITS AND AUTHORIZATIONS, AND COMPLY.

Required Permits & Work Orders

SAWS SHALL OBTAIN ALL NECESSARY COSA ROW AND WORK ORDERS REQUIRED FOR CONSTRUCTION. ALL OTHERS SHALL BE OBTAINED BY CONTRACTOR AND ALL PERMIT FEES SHALL BE PAID BY THE CONTRACTOR. THE CONTRACTOR SHALL MAINTAIN COPIES OF APPLICABLE PERMITS AT EACH JOB SITE DURING CONSTRUCTION. KNOWN PERMIT AND WORK ORDER REQUIREMENTS AT THE TIME OF PLAN PREPARATION ARE DESCRIBED AS FOLLOWS:

COSA ROW PERMIT CITY OF SAN ANTONIO PUBLIC WORKS DEPARTMENT RIGHT OF WAY MANAGEMENT DIVISION 5103 OLD HWY 90 W. SAN ANTONIO, TX 78227 PH: (210) 207-6949	COSA DEMOLITION PERMIT CITY OF SAN ANTONIO 1901 S. ALAMO SAN ANTONIO, TX 78204 PH: (210) 207-0147	HOLLYWOOD PARK TREE TRIMMING PERMIT THE TOWN OF HOLLYWOOD PARK 2 MECCA DRIVE HOLLYWOOD PARK, TX 78232 PH: (210) 494-2023
COSA TREE AFFIDAVIT/TREEPERMIT CITY OF SAN ANTONIO 1901 S. ALAMO SAN ANTONIO, TX 78204 PH: (210) 207-0278	EEA WELL PLUGGING PERMIT EDWARDS AQUIFER AUTHORITY 900 E. QUINCY ST. SAN ANTONIO, TX 78215 PH: (210) 222-2204	SAWS WATER WELL PERMIT APPLICATION SAN ANTONIO WATER SYSTEM 2800 US HWY 281 SAN ANTONIO, TX 78212 PH: (210) 704-7297
BEXAR COUNTY ROW PERMIT BEXAR COUNTY PUBLIC WORKS DEPARTMENT 233 N. PECOS SAN ANTONIO, TX 78207 PH: (210)335-6713	TGR WELL PLUGGING PERMIT TRINITY GLEN ROSE GROUNDWATER CONSERVATION DISTRICT 6335 CAMP BULLIS RD SUITE 25 SAN ANTONIO TX 78257 PH: (210)233-2349	BEXAR COUNTY FLOODPLAIN PERMIT BEXAR COUNTY PUBLIC WORKS DEPARTMENT 233 N. PECOS SAN ANTONIO, TX 78207 PH: (210)335-6713

* NO SEPARATE PAY ITEM (N.S.P.I.)




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No.	Revision	By	Date
▲	ADDENDUM NO. 1	JKN	10/04/2018



SAN ANTONIO WATER SYSTEM

SAWS GROUND AND ELEVATED TANK SITE DEMOLITION PROJECT

SHEET

GENERAL NOTES

DATE: SEPTEMBER 2018

DESIGN: JKN

DRAWN: DNG

CHECKED: GAG

SAWS PROJECT NO. D-16-003-MF

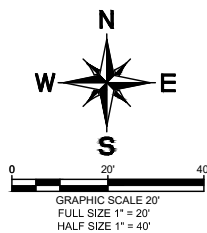
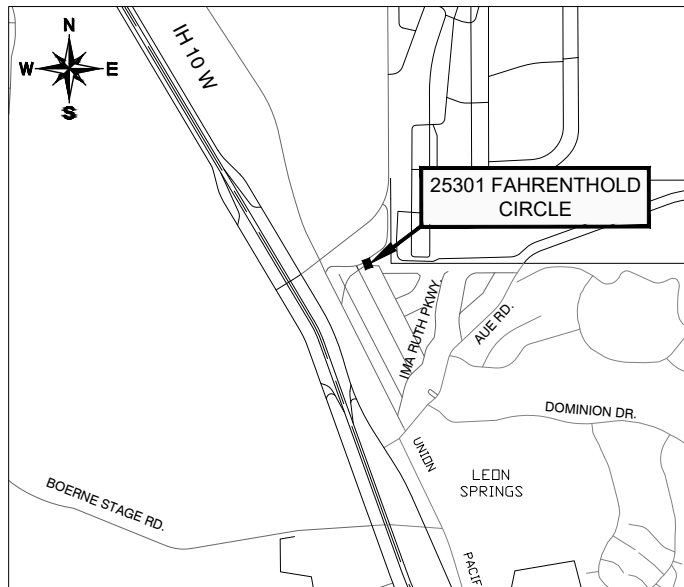
KHA PROJECT NO.

068665049

SHEET NO.

G4

PLOTTED BY: DANIELLE HAZEN 12/14/18 12:14 PM
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!! WARNING !!
 LOCATION OF EXISTING UTILITIES/STRUCTURES ARE BASED ON SAWS BLOCKMAP DATA AND ABOVE GROUND VISUAL SITE OBSERVATIONS. CONTRACTOR TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION

!! WARNING !!
 ASBESTOS CEMENT PIPES MAY BE PRESENT ON SITE

NOTES

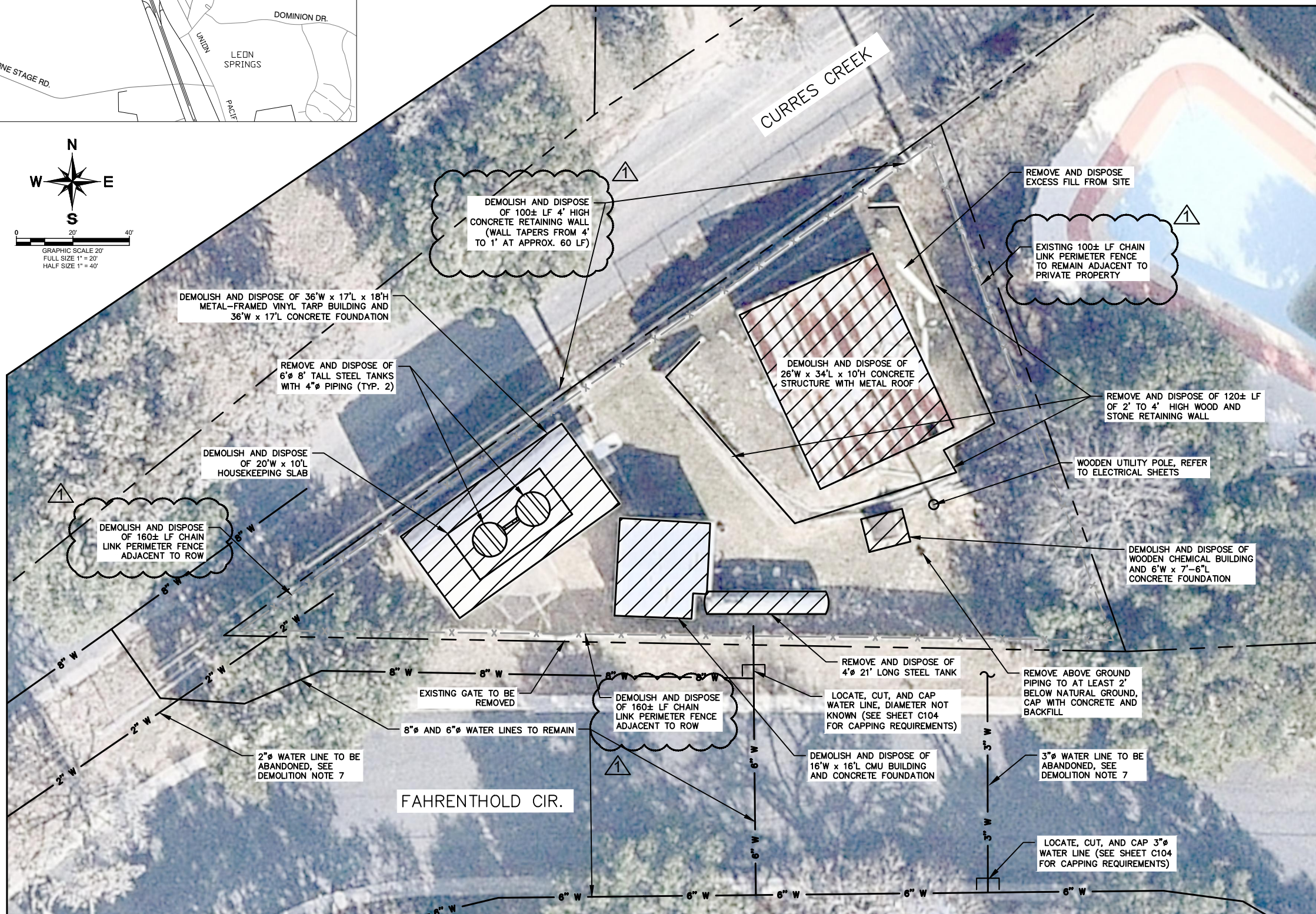
- DEMOLITION WORK IS IN CLOSE PROXIMITY TO ADJACENT PROPERTY. CONTRACTOR IS LIABLE FOR ANY DAMAGES TO THE NEIGHBORING FENCE DURING THE DEMOLITION OF THE SAWS FACILITY.
- ASBESTOS CEMENT PIPING WAS LOCATED ON SITE AND MAY REQUIRE ABATEMENT.
- EXISTING UTILITY LINES AND INFRASTRUCTURE ARE SHOWN BASED ON SAWS BLOCKMAP DATA, VISUAL SITE OBSERVATION, AND PUBLICLY AVAILABLE DATA AND IS NOT ACCURATE OR COMPLETE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY LOCATION, MATERIAL, AND SIZE OF THE PIPING, EQUIPMENT, AND INFRASTRUCTURE TO BE DEMOLISHED, CAPPED, AND/OR DISPOSED OF PRIOR TO COMMENCING WORK.
- CUTTING AND CAPPING OF WATER LINE(S) SHALL BE PERFORMED OUTSIDE OF CURRENT SITE PROPERTY LINE.

LEGEND

- X - X - EXISTING FENCE
- - - - - APPROXIMATE PROPERTY BOUNDARY
- [Hatched Box] DEMOLISH/REMOVE STEEL OR FIBERGLASS TANK
- [Hatched Box] DEMOLISH/REMOVE UTILITY STRUCTURE
- [Cross-hatched Box] SALVAGE UTILITY STRUCTURES
- E CUT AND CAP WATER LINE

DEMOLITION NOTES

- THE TERM DEMOLITION SHALL MEAN THE COMPLETE DEMOLITION, REMOVAL AND OFFSITE DISPOSAL OF THE ITEM OR FACILITY IDENTIFIED.
- THE TERM ABANDONMENT SHALL MEAN COMPLETE DRAINING OF ALL BURIED PIPING, FILLING WITH FLOWABLE FILL, AND/OR CAPPING/PLUGGING OF UTILITY LINES.
- PRIOR TO BEGINNING ANY DEMOLITION WORK, THE CONTRACTOR SHALL PROVIDE THE CONSULTANT AND OWNER WITH A SCHEDULE OF PLANNED DEMOLITION ACTIVITIES FOR REVIEW AND APPROVAL. ONCE APPROVED, CONTRACTOR SHALL COORDINATE THE SCHEDULED DEMOLITION WORK IN ADVANCE WITH SAWS REPRESENTATIVES.
- ALL TRENCH EXCAVATION RESULTING IN THE REMOVAL OF EXISTING PIPE SHALL BE BACKFILLED AND COMPACTED PER THE SPECIFICATIONS.
- WATER LINE LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY LOCATION, MATERIAL, AND DIAMETER OF ALL WATER LINES PRIOR TO SCHEDULING CAPPING.
- CUTTING AND CAPPING OF WATER LINES SHALL NOT DISTURB ROADWAY PAVEMENT OR IMPACT TRAFFIC ON ROADWAYS.
- WATER LINES TO BE ABANDONED WHICH ARE 16" DIAMETER OR LARGER SHALL BE FILLED WITH FLOWABLE FILL PRIOR TO ABANDONMENT, AND THOSE 12" DIAMETER AND SMALLER SHALL BE CAPPED AND ABANDONED.
- ALL VOIDS AND EXCAVATIONS CREATED BY DEMOLITIONS OF EXISTING FACILITIES SHALL BE BACK FILLED WITH CLEAN FILL SOIL FREE OF DELETERIOUS MATERIAL AND STONES GREATER THAN 3" IN DIAMETER, COMPACTED TO 98% PROCTOR, COVERED WITH 4" OF TOP SOIL AND REVEGETATED PER THE SPECIFICATIONS.
- CONTRACTOR SHALL DRAIN ALL TANKS AND PROPERLY DISPOSE OF ANY MATERIALS, LIQUIDS, AND/OR OTHER REMNANTS PRIOR TO DEMOLITION. CONTRACTOR SHALL REFERENCE SPECIFICATIONS FOR DISPOSAL OF ALL HAZARDOUS MATERIALS AND LIQUIDS.
- MISCELLANEOUS EQUIPMENT AND DEBRIS ON THE SITE RELATED TO THIS PROJECT SHALL BE REMOVED AND PROPERLY DISPOSED.
- ALL VALVE BOXES, STACKS, AND METER BOXES WITHIN THE SITE SHALL BE REMOVED AND BACKFILLED.
- CONTRACTOR SHALL COORDINATE WITH CPS, AT&T, AND ALL OTHER APPLICABLE UTILITY PROVIDERS REGARDING ALL RELOCATIONS OR REMOVALS OF EXISTING OVERHEAD POWER POLES, AND OBTAIN THE NECESSARY APPROVALS AND PERMITS.
- LOCATIONS OF PUBLIC AND FRANCHISE UTILITIES SHOWN ARE APPROXIMATE AND MAY NOT BE COMPLETE. CONTRACTOR SHALL CALL TEXAS 811 AT LEAST 48 HOURS PRIOR TO COMMENCING DEMOLITION OR CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL SUBSCRIBE TO THE TEXAS 811 PROGRAM FOR LINE MARKINGS. THE CONTRACTOR BEARS SOLE RESPONSIBILITY FOR VERIFYING LOCATIONS OF EXISTING UTILITIES, SHOWN OR NOT SHOWN, AND FOR ANY DAMAGE DONE TO THESE FACILITIES.
- ALL ITEMS INDICATED TO BE REMOVED SHALL BE DISPOSED OF OFF-SITE IN A MANNER ACCEPTABLE TO ALL APPLICABLE REGULATIONS.
- CONTRACTORS SHALL EXERCISE EXTREME CAUTION AS SITE CONTAINS MANY PRIVATE AND PUBLIC UTILITIES. CONTRACTOR BEARS SOLE RESPONSIBILITY FOR LOCATING THESE UTILITIES AND FOR ANY DAMAGE DONE TO THEM.
- SURFACE PAVEMENT INDICATED HEREON (SUCH AS ASPHALT OR CONCRETE) MAY OVERLAY OTHER HIDDEN STRUCTURES (SUCH AS OTHER LAYERS OF PAVEMENT, BUILDING SLAB, ETC.) THAT ARE ALSO TO BE REMOVED.
- ALL EXISTING UTILITY SERVICE TO BE TURNED OFF BY UTILITY FRANCHISE TECHNICIAN TO ALLOW FOR EXISTING SERVICE LINES TO BE CUT/CAPPED AT PROPERTY LINE.
- CONTRACTOR SHALL PROTECT AND MAINTAIN ALL PERIMETER AND SECURITY FENCES ALONG PROPERTY BOUNDARY THROUGHOUT DURATION OF PROJECT.
- FOR TREE PRESERVATION SEE SHEET C106.
- CONTRACTOR SHALL REFER TO ELECTRICAL SHEETS FOR EXTENTS AND EXACT LOCATIONS OF ALL ELECTRICAL DEMOLITION.



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1	ADDENDUM NO. 1	JKN	10/04/2018



SAWS GROUND AND ELEVATED TANK SITE DEMOLITION PROJECT

SHEET

25300 FAHRENTHOLD CIRCLE DEMOLITION PLAN

DATE: SEPTEMBER 2018	SAWS PROJECT NO. D-16-003-MF	SHEET NO. C30
DESIGN: JKN	KHA PROJECT NO. 068665049	
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