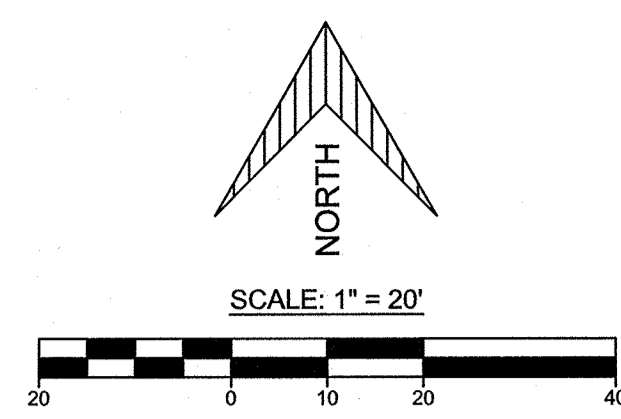


PRIOR TO BEGINNING CONSTRUCTION:

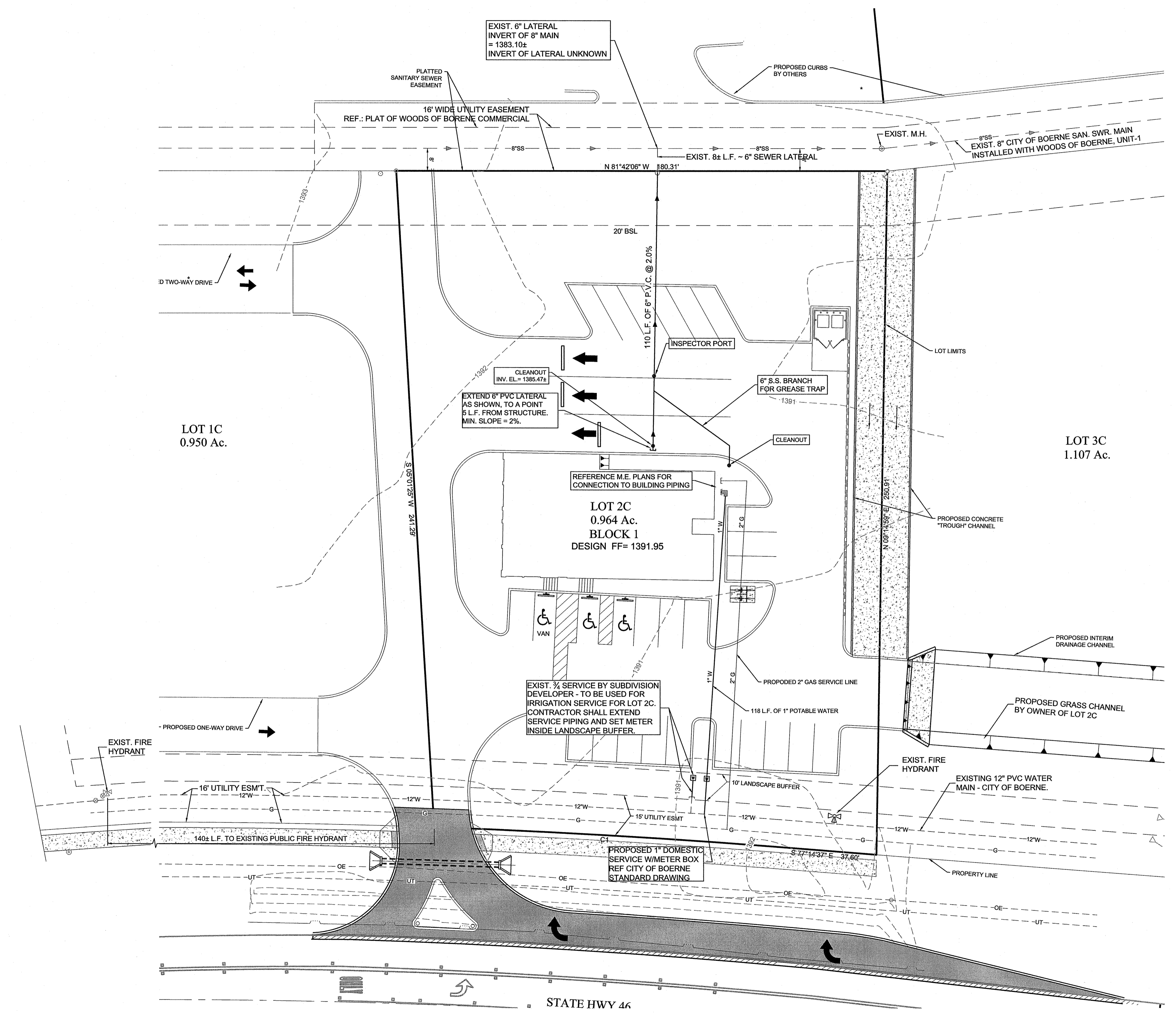
CONTRACTOR SHALL EXPOSE EXISTING LATERAL STUB-OUT AND VERIFY ITS ELEVATION. IF ELEVATION OF INVERT OF STUB-OUT IS HIGHER THAN 1387.0, CONTRACTOR MUST ADVISE ENGINEER TO EVALUATE PLAN REVISION OR RELAYING OF THAT STUB-OUT.



DHR ARCHITECTS
 DURAND-HOLLIS RUPE ARCHITECTS, INC.
 14603 HUEBNER RD.
 BUILDING 18
 SAN ANTONIO, TEXAS 78230
 TEL. 210 308-0080
 FAX. 210 697-3309
 eMAIL OFFICE@DHRARCHITECTS.COM

UTILITY GENERAL NOTES:

- CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITES WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS AND/OR PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S IMPLEMENTATION OF THESE SYSTEMS, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLIES WITH AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATION. 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.
- ALL MATERIALS AND WORKMANSHIP INVOLVED WITH THE CONSTRUCTION OF THE WATER SERVICE(S), INTERIOR WATER LINES AND SANITARY SEWER LINES MUST BE IN STRICT ACCORDANCE WITH APPLICABLE PORTIONS OF THE UNIFORM PLUMBING CODE (2006 EDITION).
- THIS SHEET IS TO BE USED FOR UTILITY CONSTRUCTION ONLY.
- ALL EXISTING UTILITIES MAY NOT BE SHOWN ON THIS DRAWING. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES (VERTICALLY AND HORIZONTALLY).
- THE CONTRACTOR IS REQUIRED TO FURNISH AND INSTALL ALL NECESSARY FITTINGS AND APPURTENANCES REQUIRED TO COMPLETE THE INSTALLATION OF THE SYSTEMS AS SHOWN ON THE DRAWING.
- CONNECTIONS TO WATER MAINS AND SERVICES, METERS AND METER VAULTS SHALL BE IN STRICT ACCORDANCE WITH CODES AND REGULATIONS.
- SEE IRRIGATION PLAN FOR DETAILS CONCERNING IRRIGATION METER.
- ALL WATER LINES TO BE INSTALLED A MINIMUM OF 12" ABOVE SANITARY LINES (MEASURED FROM BOTTOM OF WATER TO TOP OF SEWER).
- ALL CLEANOUTS LOCATED IN VEHICULAR AREAS SHALL BE INSTALLED WITHIN A TRAFFIC BEARING BOX. THE BOX SHALL BE SET IN A CONCRETE SLAB EXTENDING 6" FROM THE BOX PERIMETER. SLAB TO BE 6" THICK WITH 2000 P.S.I. CONCRETE. SEE DETAIL SHEET.
- WHEN SEWER LINES ARE INSTALLED IN THE VICINITY OF WATER MAINS, SUCH INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH THE TCEQ REGULATION 30 TAC 217.53(a) OR ANY REVISION THERE TO. (NO SEPARATE PAY ITEM)
- TOPS OF CLEANOUTS SHALL BE SET TO MATCH FINISHED GRADE.
- CONTRACTOR TO INSTALL THRUST BRACING FOR ALL WATER PIPE BENDS/FITTINGS. (3" AND GREATER DIAMETER)
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE MEP PLANS AND THE GRADING PLAN TO INSURE THAT UTILITY INSTALLATIONS DO NOT HAVE CONFLICTS WITH OTHER IMPROVEMENTS.
- CONTRACTOR IS RESPONSIBLE FOR BOTH VERTICAL AND HORIZONTAL CONTROL.
- THE CONTRACTOR SHALL DISPOSE OF ALL EXCESS MATERIAL OFF-SITE.
- ALL DEBRIS AND OTHER OBJECTIONABLE MATERIALS SHALL BE DISPOSED OF OFF-SITE BY CONTRACTOR.
- ALL SANITARY SEWERS ARE 6" PIPE WITH COMPRESSION JOINTS UNLESS OTHERWISE NOTED.
- ALL WORK WITHIN PUBLIC RIGHT-OF-WAYS SHALL BE IN CONFORMANCE WITH APPLICABLE CODES AND SPECIFICATIONS.
- ALL MATERIALS AND INSTALLATION ASSOCIATED WITH THE FIRE PROTECTION SYSTEM MUST COMPLY WITH REQUIREMENTS OF THE FIRE MARSHALL'S OFFICE AND N.F.P.A. #24. THIS INCLUDES REQUIRED INSPECTIONS. IF THE RESULTS OF ANY MEETINGS BETWEEN THE CONTRACTOR AND THE FIRE MARSHALL MAY AFFECT THE CONSTRUCTION THE CONTRACTOR MUST NOTIFY THE OWNER AND ENGINEER IMMEDIATELY (IN WRITING).
- ALL WORK INVOLVING FIRE MAIN TO BE PERFORMED BY A STATE LICENSED SPRINKLER CONTRACTOR.
- FIRE MAIN TO BE C900 P.V.C. AND LISTED BY UNDERWRITER LABORATORIES, INC. AS SUITABLE FOR FIRE PROTECTION USE.
- FIRE MAIN TO HAVE 4" OF COVER AS MEASURED FROM TOP OF PIPE TO FINISHED PAVEMENT OR TOPSOIL.
- THE FIRE MAIN TO BE FLUSHED AND TESTED IN ACCORDANCE WITH N.F.P.A. #24. PROVIDE THRUST BRACING AS REQUIRED.
- THE FIRE MAIN CONNECTION TO THE PUBLIC WATER MAIN IS PART OF THIS CONTRACT. COORDINATE WITH SAN ANTONIO WATER SYSTEM.
- LOCATION OF EXISTING UTILITIES, AS SHOWN ON THESE PLANS, IS BASED ON A COMBINATION OF FIELD SURVEYING AND AVAILABLE UTILITY MAPS. CONTRACTOR TO DETERMINE VERTICAL AND HORIZONTAL LOCATIONS OF ALL UTILITIES (WHETHER SHOWN ON PLANS OR NOT) BY COORDINATING WITH THE RESPECTIVE UTILITY AGENCIES PRIOR TO CONSTRUCTION. THE FOLLOWING ARE NUMBERS OF THE RESPECTIVE AGENCIES:
 BOERNE PUBLIC WORKS (SEWER)..... 830-248-1538
 BOERNE PUBLIC WORKS (WATER)..... 830-248-1538
 BOERNE PUBLIC WORKS (GAS & ELECTRIC)..... 830-248-1538
 AT&T (TELEPHONE)..... 210-809-6229
 TIME WARNER CABLE (CABLE TELEVISION)..... 210-675-4560
 VALERO ENERGY CORP..... 210-246-2394
 TESS-STATEWIDE ONE CALL DAMAGE PREVENTION SYSTEM FOR BURIED UTILITIES..... 1-800-DIG-TESS
- IF ANY NUMBERS HAVE CHANGED OR ARE INCORRECT, THE CONTRACTOR IS STILL RESPONSIBLE FOR CONTACTING THE AGENCIES.
- ON ALL GRAVITY LINES, CONTRACTOR MUST START AT DOWNSTREAM END AND PROCEED UPSTREAM TAKING CARE TO EXPOSE ALL EXISTING UTILITIES AND STRUCTURES WHICH MAY CONFLICT WITH THE PROPOSED LINE. ANY OTHER SEQUENCE OF CONSTRUCTION WILL BE AT THE CONTRACTOR'S RISK.
- CONTRACTOR TO APPLY FOR WATER METER PERMITS AND COORDINATE PAYMENT OF APPLICABLE IMPACT FEES AT THE START OF CONSTRUCTION. CONTRACTOR TO INSTALL WATER METERS AND MAKE APPROPRIATE MAIN CONNECTIONS AS EARLY AS POSSIBLE IN THE WATER SYSTEM INSTALLATION PROCESS. REPORT CONFLICTS TO THE ENGINEER AND OWNER AS THESE ARE DISCOVERED SO THAT ADJUSTMENTS TO THE PLANS CAN BE MADE.
- CONTRACTOR TO PLAN UTILITY LINE INSTALLATIONS IN A MANNER TO AVOID CONFLICTS WITH PROPOSED GRAVITY LINES.
- CONTRACTOR SHALL EXPOSE ALL EXISTING UTILITIES CROSSING PROPOSED GRAVITY LINES AND INSURE THERE WILL BE NO CONFLICTS PRIOR TO BEGINNING CONSTRUCTION. ADDITIONALLY, CONTRACTOR TO PLAN UTILITY LINE INSTALLATIONS IN A MANNER TO AVOID CONFLICTS WITH PROPOSED GRAVITY LINES.
- ON ALL GRAVITY LINES, CONTRACTOR MUST START AT DOWNSTREAM END AND PROCEED UPSTREAM TAKING CARE TO EXPOSE ALL EXISTING UTILITIES AND STRUCTURES WHICH MAY CONFLICT WITH THE PROPOSED LINE. ANY OTHER SEQUENCE OF CONSTRUCTION WILL BE AT THE CONTRACTOR'S RISK.



LEGEND

⊠	EXISTING FIRE HYDRANT
⊠	PROPOSED FIRE HYDRANT
⊠	PROPOSED FIRE DEPARTMENT CONNECTION
⊠	PROPOSED REMOTE FIRE DEPARTMENT CONNECTION
⊠	LIGHT POLE
⊠	POWER POLE
⊠	EXISTING MANHOLE
⊠	PROPOSED MANHOLE
⊠	WATER VALVE
⊠	CLEAN-OUT
⊠	GRATE
⊠	ELECTRIC METER
⊠	WATER METER
⊠	EXISTING GAS VALVE
⊠	EXISTING TELEPHONE MANHOLE
⊠	EXISTING ANCHOR
⊠	EXISTING WATER LINE
⊠	EXISTING SANITARY SEWER LINE
⊠	EXISTING GAS LINE
⊠	EXISTING OVERHEAD TELEPHONE
⊠	EXISTING UNDERGROUND TELEPHONE
⊠	EXISTING OVERHEAD ELECTRIC
⊠	EXISTING UNDERGROUND ELECTRIC
⊠	PROPOSED DOMESTIC WATER LINE
⊠	PROPOSED WATER LINE
⊠	PROPOSED SANITARY SEWER LINE
⊠	PROPOSED STORM DRAIN
⊠	PROPOSED GAS LINE
⊠	PROPOSED FIRE LINE
⊠	THRUST BLOCKING

NOTES:

- ALL WATER MAINS & SERVICES TO BE C-900 DR 18 PVC
- ALL SEWER MAINS & LATERALS TO BE SDR 26 ASTM 3034
- BACKFLOW PREVENTOR REQ'D. FOR EACH BUILDING. REF: M.E.P. DRAWINGS FOR DETAILS.

BUSH'S CHICKEN
 1550 STATE HWY 46
 BOERNE, TX.

UTILITY PLAN



PROJECT NO. 31367-BOERNE
 ISSUE DATE: 06-01-16
 DRAWN BY: RT
 REVIEWED BY: RAL

Date: Jun 01, 2016, 2:20pm User: D:\name Layout: UTILITY PLAN Plot: 31367-BOERNE\31367-BOERNE\31367-BOERNE.dwg Scale: 1/8"=1'-0"