



*LOCATION MAP*

NOT TO SCALE



SAN ANTONIO, TX  
PROJECT NO.: A01W9VQ

PREPARED BY:

**Margate**  
Communications, LLC

2706 W. SOUTHCROSS BLVD.  
SAN ANTONIO, TX 78211  
OFFICE (210) 432-2236

KLEIN ROAD RECONSTRUCTION  
WALNUT AVE. TO FM 725  
CITY OF NEW BRAUNFELS  
PROJECT NO.: NB 18-026  
EXCHANGE: NEW BRAUNFELS  
SHEET 1 OF 16

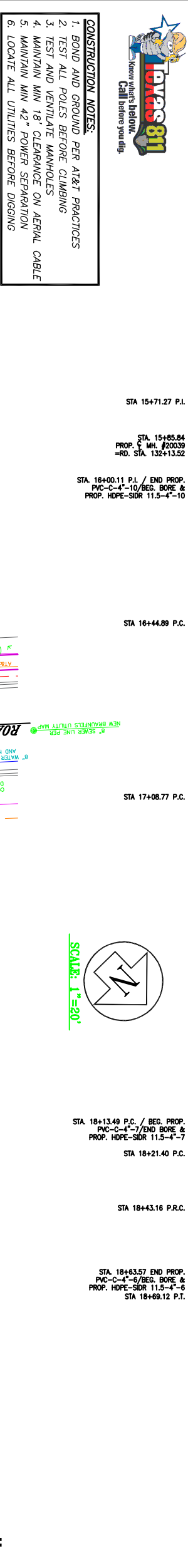














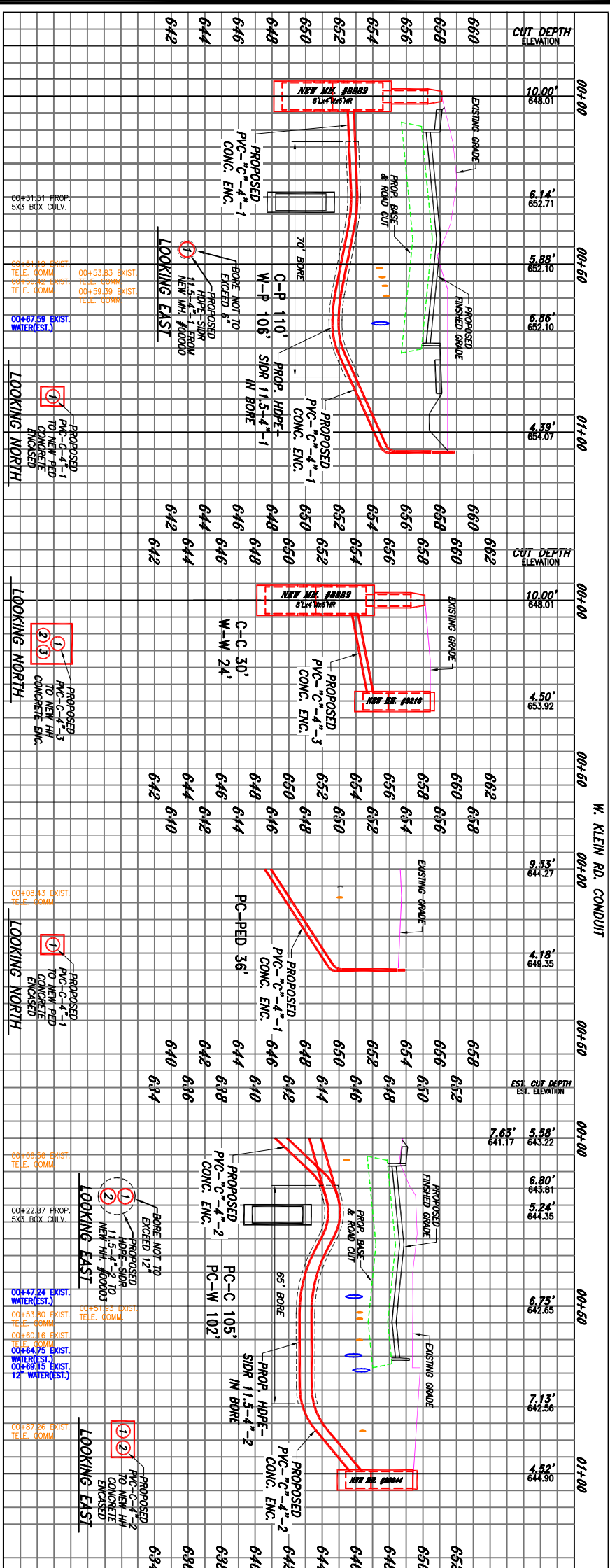












STA. 00+00.00  
PROP. 6" MH. #8889  
=RD. STA. 115+77.93

STA. 0+13.85 END PROP.  
PVC-C-4"-1/BEG. BORE &  
PROP. HDPE-SIDR 11.5-4"-1  
STA 00+14.14 P.T.

STA. 0+83.55 BEGIN PROP.  
PVC-C-4"-1/END BORE &  
PROP. HDPE-SIDR 11.5-4"-1

STA. 1+06.00 PROP. PED.

STA. 00+00.00  
PROP. & MH. #8889  
RD. STA. 115+77.93  
STA. 00+07.00 P.C.

STA. 00+21.16 P.T.  
STA. 00+30.15  
PROP. C HH. #9216

STA. 00+00.00 P.C. (N)  
STA. 00+05.27 TRAF. SIGN.  
STA. 00+07.90 P.T.

STA. 00+30.10 PROP. PED

STA. 0+14.11 P.T. / END PROP.  
PVC-C-4"-2/BEG. BORE &  
PROP. HDPE-SIDR 11.5-4"-2

STA. 0+79.10 BEGIN PROP.  
PVC-C-4"-2/END BORE &  
PROP. HDPE-SIDR 11.5-4"-2

STA. 01+01.83  
PROP. C HH. #20044



SCALE: 1"=20'



SCALE: 1"=20'



SCALE: 1"=20'



SCALE: 1"=20'

**CONSTRUCTION NOTES:**

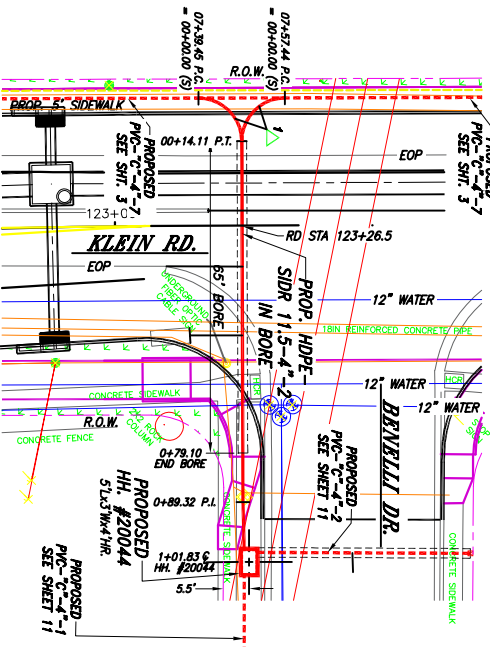
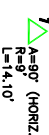
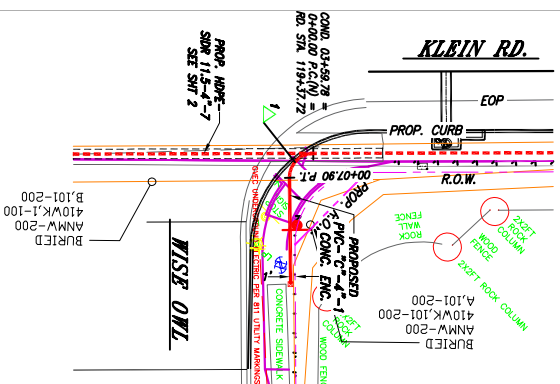
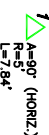
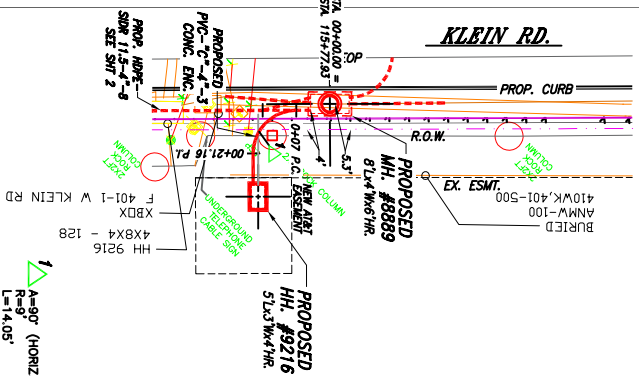
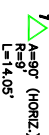
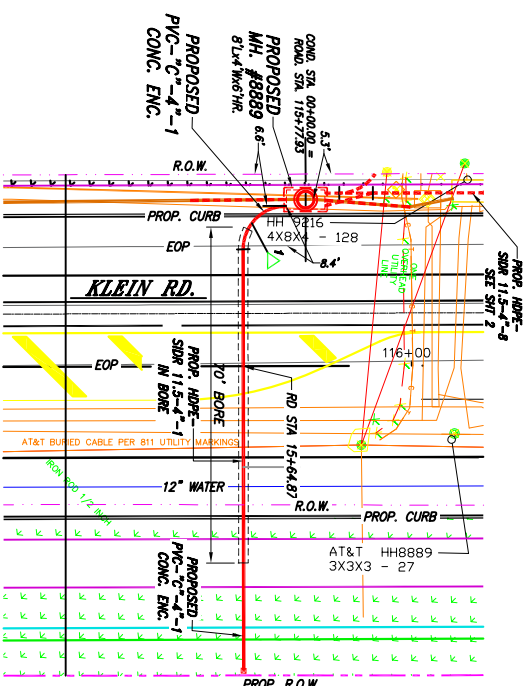
1. BOND AND GROUND PER A1&1 PRACTICES
2. TEST ALL POLES BEFORE CLIMBING
3. TEST AND VENTILATE MANHOLES
4. MAINTAIN MIN 18" CLEARANCE ON AERIAL CABLE
5. MAINTAIN MIN 42" POWER SEPARATION
6. LOCATE ALL UTILITIES BEFORE DIGGING



**NOTE:** SEE SHEET 15 & 16 FOR MANHOLE DETAILS, GENERAL & CONSTRUCTION NOTES, TRENCH & BACKFILL DETAILS, AND PROJECT CONTROL POINTS.

**CAUTION:** EXISTING CONDUIT, COPPER AND FIBER OPTIC CABLES PARALLEL AND INTERSECT THE PROPOSED CONDUIT ALIGNMENTS.

**NOTE:** CONTRACTOR TO HAVE EXISTING UTILITIES VERIFIED IN FIELD. DEPTHS SHOWN ARE APPROXIMATE FROM UTILITY COMPANIES.



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SHEET 10 OF 16

















CONSTRUCTION NOTES

- CONTRACTOR TO COMPLY WITH O.S.H.A. NO. 1926.652 FOR SHORING DITCHES OVER 3'-0" IN DEPTH.
- CONTRACTOR TO CONTACT OWNER OF ALL BURIED UTILITIES ALONG ROUTE PRIOR TO ANY CONSTRUCTION.
- CONTRACTOR TO MAINTAIN A CLEAN AND SAFE WORK SITE AT ALL TIMES. ALL EXCESS MATERIAL TO BE HAULED AWAY, WORK AREA TO BE CLEANED UP AS SOON AS POSSIBLE AFTER CONSTRUCTION.
- PROTECT AND SUPPORT ANY EXISTING DUCT WORK AND BURIED CABLE.
- CONTRACTOR TO RESTORE ALL SURFACES CUT TO ORIGINAL CONDITIONS.
- CENTER LINE STAKES TO BE PROVIDED BY ENGINEERING CONTRACTOR.
- CALL CONTRACTOR MIN. 48 HRS. IN ADVANCE.
- CONSTRUCTION CONTRACTOR HAS SOLE RESPONSIBILITY FOR CONSTRUCTING CONDUIT TO ELEVATIONS SHOWN ON PROFILES.
- CONTRACTOR TO PROVIDE 'AS BUILT' PRINTS UPON COMPLETION OF WORK AND PRIOR TO FINAL BILLING. 'AS BUILT' PRINT SHOULD SHOW ELEVATIONS EVERY 50', AND AT CRITICAL LOCATIONS, AND AT MANHOLES.
- ALL INCIDENTAL CONDUIT ALIGNMENT WILL BE ADJUSTED BY CONTRACTOR TO CLEAR EXISTING PIPES.
- CONTRACTOR TO HAVE EXISTING UTILITIES VERIFIED IN FIELD. DEPTHS SHOWN ARE APPROXIMATE FROM UTILITY COMPANIES.
- ALL NECESSARY PERMITS WILL BE OBTAINED AND KEPT ON SITE DURING CONSTRUCTION PERIOD.
- ALL PREMISES TO BE RESTORED IN ACCORDANCE TO CITY, COUNTY, & STATE ORDINANCES AND PERMITS.
- ADEQUATE BARRICADES AND LIGHTING WILL BE EMPLOYED FOR SAFETY OF JOB AND TRAFFIC CONTROL.
- PLACE PULL IN WIRES IN DUCTS INDICATED. CONTRACTOR TO MANDRELL ALL DUCTS.

CONTRACTOR TO FOLLOW  
BELL SYSTEM PRACTICES  
622-020-020  
622-325-020  
622-340-200  
622-506-100 & 200  
622-100-010  
622-500-011  
622-520-100

PROJECT CONTROL POINTS				LOCATION
C.P./BM #	NORTHING	EASTING	ELEV.	POINT DESCRIPTION
C.P. #100	137292312.38	2256401.18	647.86	IRON ROD WITH RED PLASTIC CAP LOCATED NORTH AT THE INTERSECTION OF FM 725 AND E KLEN ROAD.
C.P. #101	13791900.59	2255964.84	637.22	IRON ROD WITH RED PLASTIC CAP LOCATED ON THE NORTHEAST SIDE OF W KLEN RD. APPROXIMATELY 64 FEET SOUTHWEST OF THE SOUTHWEST CORNER OF THE NEW BRAUNFELS CHURCH OF THE WADARE.
C.P. #102	13791323.73	2255469.85	623.86	IRON ROD WITH RED PLASTIC CAP LOCATED ON THE SOUTHEAST SIDE OF W KLEN RD. AT THE INTERSECTION OF W KLEN RD. AND DOWE CROSSING DR.
C.P. #103	13790948.11	2254987.71	632.29	IRON ROD WITH RED PLASTIC CAP LOCATED ON THE SOUTHEAST SIDE OF W KLEN RD. APPROXIMATELY 56 FEET NORTHEAST OF THE INTERSECTION OF W KLEN RD. AND STOEGER DR.
C.P. #104	13790411.91	2254576.21	642.51	IRON ROD WITH RED PLASTIC CAP LOCATED ON THE SOUTHEAST SIDE OF W KLEN RD. APPROXIMATELY 32 FEET SOUTHWEST OF THE INTERSECTION OF W KLEN RD. AND QUAL RIDGE DR.
C.P. #105	13789888.22	2254061.69	652.45	IRON ROD WITH RED PLASTIC CAP LOCATED ON THE SOUTHEAST SIDE OF W KLEN RD. APPROXIMATELY 15 FEET NORTHEAST OF THE INTERSECTION OF W KLEN RD AND WISE CML.
C.P. #106	13784319.41	2241244.10	659.87	IRON ROD WITH RED PLASTIC CAP LOCATED ON THE SOUTHEAST SIDE OF W KLEN RD. APPROXIMATELY 8 FEET NORTHEAST OF W KLEN RD. OF W KLEN RD. AND RANCH ESTIMES BLVD.
C.P. #107	13789027.31	2253226.17	662.77	IRON ROD WITH RED PLASTIC CAP LOCATED ON THE SOUTHEAST SIDE OF W KLEN RD. APPROXIMATELY 585 FEET NORTHEAST OF THE INTERSECTION OF W KLEN RD. AND SOUTH WALNUT AVE.

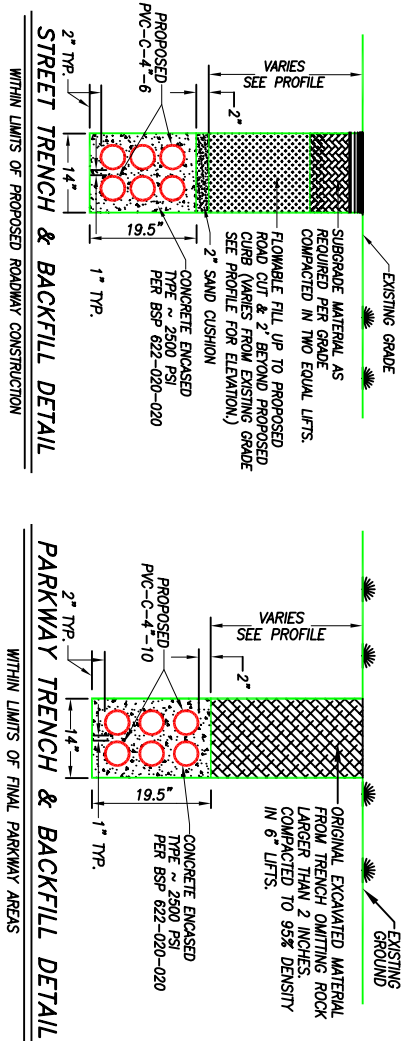
"THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT EXISTING UNDERGROUND PIPE LINES AND OTHER UNDERGROUND INSTALLATIONS AS MAY BE SHOWN ON THESE PLANS HAVE BEEN TAKEN FROM THE BEST AVAILABLE INFORMATION AND/OR RECORDS PROVIDED BY THE OWNERS. THERE MAY BE OTHER PIPELINES OR INSTALLATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO AVOID DAMAGE TO ANY OTHER OR TELEPHONE COMPANY FACILITIES. ANY AND ALL CLAIMS RESULTING FROM DAMAGE BY HIS OPERATIONS SHALL BE BILLABLE TO HIM."

NOTE: CONTRACTOR TO SHOW AS-BUILT  
IF ANY CHANGE FROM THESE DRAWINGS.

NOTE: CONTRACTOR TO MAINTAIN SUPERVISION OVER  
ALL SPLICES AND CABLES IN EXISTING MANHOLES.  
SPLICES & CABLES ARE TO REMAIN IN PLACE  
AGAINST THE MH. WALL AND SUPPORTED.

CAUTION: EXISTING CONDUIT, COPPER AND FIBER  
OPTIC CABLES PARALLEL AND INTERSECT  
THE EXIST & PROP. CONDUIT ALIGNMENTS.

NOTE: ALL TRENCHES TO BE COMPACTED  
TO 95% DENSITY.



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