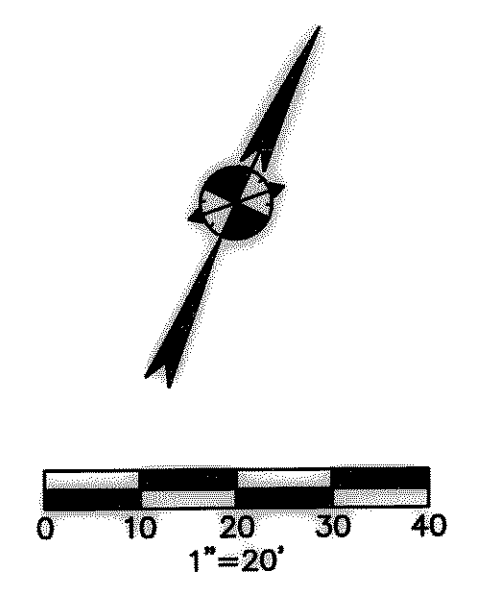


CAUTION !!
 CONTRACTOR IS TO CONTACT TEXAS ONE-CALL SYSTEM (1-800-245-4545) OR OTHER UTILITY LOCATING SERVICES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION ACTIVITIES. BURY & PARTNERS IS NOT RESPONSIBLE FOR KNOWING ALL EXISTING UTILITIES IN THE PROJECT AREA NOR FOR DEPICTING THE EXACT LOCATIONS OF UTILITIES ON THESE DRAWINGS.



GENERAL NOTES - UTILITIES

- GENERAL CONSTRUCTION NOTES:** REFER TO SHEET C1 "GENERAL CONSTRUCTION NOTES, LEGEND AND ABBREVIATIONS" FOR THE GENERAL CONSTRUCTION NOTES FOR THE PROJECT.
- INSPECTION AND TESTING:** THE CONTRACTOR SHALL COORDINATE INSPECTION AND TESTING WITH THE APPROPRIATE GOVERNING AUTHORITIES PRIOR TO BACKFILLING TRENCHES FOR ALL UTILITIES.
- TRENCH COMPACTION:** THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING COMPACTION TO A MINIMUM OF 95% STANDARD PROCTOR IN AREAS OF PROPOSED AND FUTURE PAVEMENT AND ALL AREAS EXCAVATED AT THE BUILDING FOOTINGS FOR UTILITY SERVICE ENTRIES. TRENCHES WHICH LIE OUTSIDE THESE AREAS SHALL BE COMPACTED TO A MINIMUM OF 90% STANDARD PROCTOR.
- CONFLICTS:** THE CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS AND TO ASSURE PROPER DEPTHS ARE ACHIEVED. IN THE EVENT OF A CONFLICT BETWEEN WATER LINES AND SANITARY SEWER PIPING, THE CONTRACTOR SHALL ADJUST THE WATER LINE DOWNWARDS IN SUCH A MANNER SO THAT THE PIPE MANUFACTURER'S RECOMMENDATIONS ON THE PIPE DEFLECTION AND JOINT STRESS ARE NOT EXCEEDED.
- CONNECTION TO EXISTING UTILITIES:** THE CONTRACTOR SHALL VERIFY THE SIZE, TYPE, ELEVATION, CONFIGURATION, AND ANGLULATION OF EXISTING WATER, SANITARY SEWER AND UTILITY LINES PRIOR TO CONSTRUCTION OF THE IN MATERIALS. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR REPAIRS TO EXISTING FACILITIES DAMAGED BY HIS ACTIVITIES.
- WATER METERS:** THE CONTRACTOR SHALL ACQUIRE BOTH DOMESTIC AND IRRIGATION METERS FROM THE GOVERNING AUTHORITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING METERS INSTALLED IN BOXES AND CONNECTING PUBLIC TO PRIVATE WATER LINES.
- PIPE COVER:** TOP OF ALL WATER LINES SHALL BE INSTALLED WITH A MINIMUM COVER OF 48".
- HORIZONTAL BLOCKING:** HORIZONTAL BLOCKING FOR WATER LINES HAS BEEN OMITTED FOR CLARITY, HOWEVER, BLOCKING SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GOVERNING AUTHORITIES' STANDARD DETAILS.
- THRUST BLOCKING:** THRUST BLOCKING SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GOVERNING AUTHORITIES' STANDARD DETAILS. DO NOT COVER BELLS OR FLANGES WITH CONCRETE. THE CONTRACTOR SHALL REMOVE EXISTING THRUST BLOCKING OR RESTRAINTS WHERE NECESSARY TO ALLOW THE WORK TO PROCEED, AND SHALL REPLACE THE THRUST BLOCKS WHERE REQUIRED. THE COST TO REMOVE, REPLACE OR PROVIDE THRUST BLOCKING SHALL BE INCLUDED IN THE CONTRACT AMOUNT.
- ADDITIONAL BENDS:** THE CONTRACTOR SHALL SUPPLY AND INSTALL ANY ADDITIONAL BENDS WITH THRUST BLOCKING AND OTHER APPURTENANCES REQUIRED TO ASSURE PROPER INSTALLATION OF WATER MAINS AND LATERALS. THE CONTRACTOR MAY PULL PIPE AS NEEDED AT THE BENDS WHERE THE DEFLECTION ANGLE OF THE PIPE DOES NOT MATCH THE ANGLE OF THE BEND PROVIDED THE PIPE DEFLECTION IS WITHIN TOLERABLE MANUFACTURERS LIMITS. THE COST FOR ADDITIONAL BENDS AND BLOCKING SHALL BE INCLUDED IN THE CONTRACT AMOUNT.
- POLYETHYLENE WRAP:** ALL VALVES, DUCTILE IRON AND CAST IRON PIPE, FITTINGS AND SPECIALS SHALL BE POLYETHYLENE WRAPPED.
- ADJUSTMENTS:** THE CONTRACTOR IS RESPONSIBLE FOR ADJUSTING ALL MANHOLES, CLEANOUTS, VALVES, BOXES, VAULTS AND HYDRANTS TO FINAL GRADE. THE COST SHALL BE INCLUDED IN THE CONTRACT AMOUNT.
- APPURTENANCES:** ALL VALVES AND OTHER APPURTENANCES ON ALL FIRE PROTECTION LINES SHALL BE UL/FM APPROVED. THE COST SHALL BE INCLUDED IN THE CONTRACT AMOUNT.
- FIRE PROTECTION WORK:** ALL FIRE PROTECTION WORK MUST BE PERMITTED AND APPROVED BY THE GOVERNING AUTHORITIES FIRE DEPARTMENT. THE CONTRACTOR SHALL CONDUCT ALL REQUIRED PRESSURE TESTS ON THE FIRE PROTECTION LINES TO THE SATISFACTION OF THE FIRE MARSHALL FOR THE GOVERNING AUTHORITY AS WELL AS THE DEVELOPERS' INSURANCE CARRIER.
- SANITARY SEWER PIPE:** ALL SEWER PIPE SHALL BE SDR-35, IN ACCORDANCE WITH ASTM SPECIFICATIONS D-3034 FOR 4" THROUGH 15", AND ASTM F-879 FOR 15" THROUGH 27".
- WATER PIPE:** ALL WATER MAINS 4 INCH THROUGH 12 INCH SHALL BE C-900 (SDR - 18). WATER MAINS 14 INCH THROUGH 36 INCH SHALL BE C -905 (SDR - 18 - CLASS 200)

KEY NOTES:

- NOT USED
- PROPOSED 1" IRRIGATION METER AND VALVE TO BE INSTALLED BY CONTRACTOR PER DD-824-01 & CONNECT TO EXISTING WATER SERVICE
- PROPOSED 2" DOMESTIC METER AND VALVE TO BE INSTALLED BY CONTRACTOR PER DD-824-01 & CONNECT TO EXISTING WATER SERVICE WITH DBL CHECK AND BACKFLOW PREVENTOR
- PROPOSED 1" BACKFLOW PREVENTOR AND DBL CHECK BY CONTRACTOR
- SEE MEP PLANS FOR EXACT LOCATION OF UTILITY CONNECTION AT BUILDING AND CONTINUATION
- INSTALL CLEANOUT
- INSTALL GREASE TRAP PER MEP PLANS
- SEE IRRIGATION PLAN FOR CONTINUATION
- CONTRACTOR SHALL COORDINATE GAS INSTALLATION WITH GAS UTILITY PURVEYOR. CONTRACTOR SHALL PAY ALL FEES ASSOCIATED WITH THIS WORK
- POLE MOUNTED ELECTRICAL TRANSFORMER. TRANSFORMER BY ELECTRICAL PURVEYOR. CONTRACTOR SHALL COORDINATE 3 PHASE POLE MOUNTED TRANSFORMER AND SECONDARY POWER INSTALLATION WITH ELECTRICAL UTILITY PURVEYOR. TRANSFORMER REQUIREMENTS AS DESCRIBED IN MEP PLANS. CONTRACTOR SHALL PAY ALL FEES ASSOCIATED WITH THIS WORK
- CONTRACTOR SHALL FURNISH AND INSTALL SECONDARY ELECTRICAL AND TELEPHONE CONDUITS WITH PULL STRINGS AS REQUIRED. REFER TO MEP PLANS
- PROPOSED FIRE DEPARTMENT CONNECTION
- CONTRACTOR TO VERIFY EXISTING INVERT AND NOTIFY ENGINEER IMMEDIATELY IF THERE ARE ANY DISCREPANCIES
- EXISTING FIRE HYDRANT
- CONNECT TO EXISTING 2" SERVICE
- NOT USED
- SEE PHOTOMETRIC PLAN FOR EXACT LOCATION OF LIGHT POLES

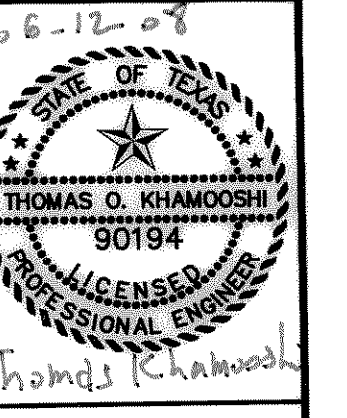
NOTE:
 CONTRACTOR SHALL REFER TO THE CITY OF ROCKWALL AND METODIG 3RD EDITION STANDARD DETAILS FOR ALL UTILITY DETAILS.

RECORD DRAWINGS:
 TO THE BEST OF OUR KNOWLEDGE BURY+PARTNERS, HEREBY STATES THAT THIS PLAN IS AS-BUILT. THE INFORMATION PROVIDED IS BASE ON SURVEYING CONDUCTED BY BURY+PARTNERS ON 06/09/08 AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.

Thomas Khamoosh 06-12-08
 ENGINEER DATE

NO.	REVISION	DATE
1	REMOVED ADA ACCESS TO L30 ROW	03/19/08
2	REVISED UTILITY LAYOUT, RELOCATED WATER METER	02/26/08

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THE ORIGINAL
TACO CABANA
 MEXICAN PASTO CAFE

UTILITY PLAN
TACO CABANA #
 PROPOSED LOT 14, BLOCK A
 ROCKWALL, TEXAS

Scale: 1"=20'	Date: 11-13-07
Designed By: BPI	
Drawn By: MRG/HQG	
Checked By: SMH/TOK	
File: F:\50109-13\108133JUL	
Project No.: 50109-133	

SHEET
C8