

**GENERAL NOTES:**

1. PRIOR TO ANY CONSTRUCTION THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS. THE PLANS INCLUDING ALL NOTES, THE CITY OF ROCKWALL SPECIFICATIONS AND ANY OTHER APPLICABLE STANDARDS OR SPECIFICATIONS RELEVANT TO THE PROPER COMPLETION OF THE WORK SPECIFIED. FAILURE ON THE PART OF THE CONTRACTOR TO FAMILIARIZE HIMSELF WITH ALL STANDARDS OR SPECIFICATIONS PERTAINING TO THIS WORK SHALL IN NO WAY RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR PERFORMING THE WORK IN ACCORDANCE WITH ALL SUCH APPLICABLE STANDARDS AND SPECIFICATIONS.
2. CONTRACTOR SHALL HAVE IN HIS POSSESSION, PRIOR TO CONSTRUCTION, ALL NECESSARY PERMITS, LICENSES, ETC. CONTRACTOR SHALL HAVE AT LEAST ONE SET OF APPROVED ENGINEERING PLANS AND SPECIFICATIONS ON-SITE AT ALL TIMES.
3. IN THE EVENT AN ITEM IS NOT COVERED IN THE CITY OF ROCKWALL CONSTRUCTION STANDARDS, SPECIFICATIONS, AND DETAILS, THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS (NCTCOG) STANDARD SPECIFICATIONS 3RD EDITION FOR PUBLIC WORKS CONSTRUCTION SHALL APPLY WITH CONCURRING NOTIFICATION TO THE CITY ENGINEER AND PROJECT ENGINEER. THE CITY ENGINEER SHALL HAVE THE FINAL DECISION ON ALL CONSTRUCTION MATERIALS, METHODS, AND PROCEDURES.
4. CONSTRUCTION INSPECTION WILL BE PERFORMED BY REPRESENTATIVES OF THE OWNER, ENGINEER, CITY, GEOTECHNICAL ENGINEER, AND REVIEWING AUTHORITIES AND AGENCIES. UNRESTRICTED ACCESS SHALL BE PROVIDED TO THEM AT ALL TIMES. CONTRACTOR IS RESPONSIBLE FOR UNDERSTANDING AND SCHEDULING REQUIRED INSPECTIONS.
5. ALL CONTRACTORS MUST CONFINE THEIR ACTIVITIES TO THE WORK AREA. NO ENCROACHMENTS OUTSIDE THE TEMPORARY CONSTRUCTION EASEMENT WILL BE ALLOWED. ANY DAMAGE RESULTING THEREFROM SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR.
6. ALL WORK SHALL CONFORM TO THE CITY OF ROCKWALL CONSTRUCTION STANDARDS, SPECIFICATIONS, & DETAILS, UNLESS SHOWN OTHERWISE IN THE PLANS & SPECIFICATIONS.
7. ALL EXISTING UTILITIES ARE AS PER AVAILABLE RECORDS. THE CONTRACTOR SHALL FIELD VERIFY DEPTH AND LOCATION OF ALL UTILITIES.
8. THE INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATIONS AS TO THE TYPE AND LOCATION OF ALL UNDERGROUND AND OTHER UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. THE CONTRACTOR SHALL REPAIR ANY DAMAGES TO EXISTING UTILITIES IMMEDIATELY AT NO ADDITIONAL COST TO THE OWNER. ANY CONSTRUCTION MODIFICATIONS TO AVOID EXISTING UTILITIES NOT SHOWN ON THE PLANS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR WITH NO ADDITIONAL COMPENSATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING UTILITY COMPANIES HAVING PROPERTY IN THE AREA OF CONSTRUCTION A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.
9. THE CONTRACTOR SHALL AVOID DAMAGING ANY EXISTING SPRINKLER SYSTEM THAT MAY BE IN THE CONSTRUCTION AREA AND WILL BE RESPONSIBLE FOR REPAIRS TO ANY HEADS OR LINES DAMAGED. REPLACEMENT, AS NECESSARY, SHALL BE WITH LIKE OR BETTER MATERIAL INSTALLED BY A LICENSED IRRIGATOR, AT THE CONTRACTOR'S EXPENSE.
10. EXISTING IMPROVEMENTS INCLUDING, BUT NOT LIMITED TO FENCES, DRIVEWAYS, SIDEWALKS, PAVEMENT, CURBS, UTILITY PRELINES AND DRAINAGE STRUCTURES WHICH ARE REMOVED OR ALTERED TO PERMIT INSTALLATION OF THE WORK SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR, AT THE CONTRACTOR'S EXPENSE, IN THE SAME LOCATION AND IN CONDITION AS GOOD AS OR BETTER THAN THEY WERE FOUND.
11. ALL GATES SHALL BE KEPT CLOSED TO CONTROL ACCESS TO THE PROJECT SITE. THE CONTRACTOR SHALL MAINTAIN SUITABLE CONSTRUCTION ACCESS TO THE ENGINEER AND THE CITY AT ALL TIMES DURING CONSTRUCTION.
12. THE CONTRACTOR MUST HAVE A WRITTEN AGREEMENT WITH THE PROPERTY OWNER ON FILE WITH THE CITY BEFORE THE CONTRACTOR MAY USE OR PLACE ANY MATERIALS OR EQUIPMENT ON PRIVATE PROPERTY. LETTERS OF FINAL APPROVAL AND RELEASE FROM THE AFFECTED PROPERTY OWNER(S) MUST BE SUBMITTED TO THE CITY BEFORE FINAL PAYMENT WILL BE AUTHORIZED ON THIS PROJECT. NO EXCESS EXCAVATED MATERIAL SHALL BE DEPOSITED IN LOW AREAS OR ALONG ANY NATURAL DRAINAGE WAY, WITHOUT WRITTEN PERMISSION FROM THE ENGINEER. IF THE CONTRACTOR PLACES EXCESS MATERIAL IN AREAS WITHOUT WRITTEN PERMISSION, HE WILL BE RESPONSIBLE FOR ALL DAMAGE RESULTING FROM SUCH FILL AND HE SHALL REMOVE THE MATERIAL AT HIS OWN COST IF THE CITY SO DIRECTS.
13. NO TREES OUTSIDE PROJECT SLOPE EASEMENTS SHALL BE CUT EXCEPT ON SPECIFIC AUTHORITY OF THE ENGINEER.
14. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING STREETS AND SIDEWALKS ADJACENT TO THE PROJECT FREE OF MUD AND DEBRIS FROM CONSTRUCTION AT ALL TIMES.
15. THE LOCATIONS OF DRIVEWAYS AS SHOWN ON THESE PLANS ARE APPROXIMATE. ACCURATE LOCATIONS SHALL BE DETERMINED AT THE TIME OF CONSTRUCTION AFTER CONSULTATION WITH THE PROPERTY OWNERS.
16. WHEN ENCROACHING MASONRY WALLS AND LANDSCAPE, PLANTS AND MATERIALS ARE TO BE REMOVED, SUITABLE MATERIAL AND PLANTS WILL BE SALVAGED FOR THE PROPERTY OWNER AS DIRECTED BY THE ENGINEER.
17. THE CONTRACTOR SHALL SUBMIT AN ENVIRONMENTAL PROTECTION PLAN FOR THIS PROJECT AT THE PRECONSTRUCTION CONFERENCE AS REQUIRED IN THE PLANS AND SPECIFICATIONS, INCLUDING SOIL EROSION CONTROL MEASURES. WORK MAY NOT BEGIN ON THIS PROJECT UNTIL AN APPROVED ENVIRONMENTAL PROTECTION PLAN IS ON FILE WITH THE CITY.
18. THE SITE SHALL BE REVIEWED BY OWNER OR HIS REPRESENTATIVE WEEKLY AND AFTER ANY MAJOR STORM. ADJUSTMENTS/REPAIRS TO THE EROSION CONTROL WILL THEN BE MADE AS NEEDED.
19. CONTRACTOR WILL BE RESPONSIBLE FOR COMPLYING WITH TCEQ'S TIDES PROGRAM FOR CONTROL OF SILT AND EROSION. CONTRACTOR SHALL FILE A NOTICE OF INTENT (NOI) WITH THE TCEQ PRIOR TO BEGINNING CONSTRUCTION.
20. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH THE EPA'S NPDES REGULATIONS 40-CFR-122. 123. 124 CONCERNING EROSION AND SEDIMENT CONTROL.
21. THE CONTRACTOR SHALL NOTIFY THE WATER DEPARTMENT AND THE WASTEWATER DEPARTMENT, AT LEAST 72 HOURS PRIOR TO START OF ANY CONSTRUCTION THAT MIGHT AFFECT THEIR FACILITIES.
22. VERIFY LOCATIONS OF TEXAS UTILITY COMPANY UNDERGROUND FACILITIES BEFORE BEGINNING EXCAVATION. IF NECESSARY, DIG TEST DITCHES TO DETERMINE ACTUAL FIELD CONDITIONS. CALL 1-800-344-8377 THREE WORKING DAYS PRIOR TO EXCAVATING IN VICINITY OF TXU ELECTRIC COMPANY FACILITIES.
23. PRIOR TO BEGINNING CONSTRUCTION IN THE AREA OF SOUTHWESTERN BELL TELEPHONE UNDERGROUND FACILITIES, CALL 1-800-395-0440 THREE WORKING DAYS IN ADVANCE OF WORK. IF NECESSARY, TEST DITCHES WILL BE DUG TO VERIFY ACTUAL LOCATIONS AND CONDITIONS.
24. CONTACT CHARTER COMMUNICATIONS AT 972-771-0202 24 HOURS PRIOR TO BEGINNING CONSTRUCTION SO THAT THE LOCATION OF UNDERGROUND LINES CAN BE MARKED.
25. CONTACT TEXAS UTILITY GAS COMPANY AT 1-800-344-8377, 72 HOURS PRIOR TO BEGINNING CONSTRUCTION IN THE PROXIMITY OF TXU GAS FACILITIES.
26. ALL REINFORCING STEEL AND DOWEL BARS IN PAVEMENT SHALL BE SUPPORTED AND MAINTAINED AT THE CORRECT CLEARANCES BY THE USE OF BAR CHAIRS OR OTHER APPROVED SUPPORT.
27. THE USE OF WOOD FORMS FOR PAVEMENT CONSTRUCTION WILL NOT BE PERMITTED.
28. DUMMY JOINTS SHALL BE SAWS IN THE PAVEMENT ON THIS PROJECT. DUMMY JOINTS WILL BE SPACED APPROXIMATELY 15-20 FEET ON CENTERS UNLESS DIRECTED OTHERWISE BY THE CITY. SPACING VARIATIONS SHALL BE MADE AT BLOCKOUTS, CONSTRUCTION JOINTS AND STREET INTERSECTIONS TO LINE UP WITH EXISTING PAVING JOINTS AS DIRECTED BY THE CITY. THE SPACING BETWEEN ANY JOINT SHALL NOT BE LESS THAN 15 FEET NOR MORE THAN 20 FEET. ALL DUMMY JOINTS WILL BE SAWS NO LATER THAN 12 HOURS AFTER THE PLACEMENT OF THE PAVEMENT AS DIRECTED BY THE CITY. SEE THE STANDARD CONSTRUCTION DETAILS FOR ADDITIONAL INFORMATION.
29. ADJUSTMENT OF UNPAVED DRIVES BEHIND PROPERTY LINE TO GRADE, AND RESTORATION OF THE SURFACE TO EQUAL OR BETTER THAN THE ORIGINAL WILL BE INCIDENTAL ON THIS PROJECT. NO PAY ITEMS WILL BE PROVIDED, UNLESS LIMITS ARE SHOWN ON PLANS.
30. PAY LIMITS FOR 6" COMPACTED THICKNESS GRAVEL SURFACE, FOR RESTORING UNPAVED DRIVES BEHIND THE PROPERTY LINE WILL BE PAID FOR AS DIMENSIONED ON THE PLANS AND WILL NOT BE MEASURED IN THE FIELD FOR PAYMENT.
31. ALL BARRICADES, WARNING SIGNS, LIGHTS, DEVICES, ETC., FOR THE GUIDANCE AND PROTECTION OF TRAFFIC AND PEDESTRIANS MUST CONFORM TO THE INSTALLATION SHOWN IN THE 1980 TEXAS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, AS CURRENTLY AMENDED, TEXAS DEPARTMENT OF TRANSPORTATION.
32. NO STOP OR YIELD SIGN IS TO BE RELOCATED OR REMOVED WITHOUT PRIOR APPROVAL BY THE CITY. THE CONTRACTOR MUST OBTAIN PERMISSION FOR ANY CHANGES IN THESE SIGNS.
33. BEFORE MOVING ANY DEPARTMENT OF HIGHWAY SIGNS OR MARKERS, CONTACT TXDOT @ 214-320-6100
34. TWO-WAY TRAFFIC MUST BE MAINTAINED AT ALL TIMES ON THIS PROJECT. THE TRAVEL WAY WIDTH SHALL NOT BE LESS THAN 20 FEET AS DIRECTED BY THE ENGINEER.
35. ACCESS TO ABUTTING PROPERTY DURING THE CONSTRUCTION OF THIS PROJECT MUST BE MAINTAINED FOR EMERGENCY AND LOCAL TRAFFIC.
36. STREET INTERSECTIONS AS REQUIRED BY THE ENGINEER WILL BE KEPT OPEN TO TRAFFIC BY PAVING ONE-HALF WIDTH AT A TIME.
37. THE CONTRACTOR SHALL INSTALL TEMPORARY PAVEMENT MARKINGS FOR ALL DETOURS AS DIRECTED BY THE ENGINEER IN ORDER TO MAINTAIN THE NECESSARY TRAFFIC LANES THROUGH THE PROJECT. PAY ITEM "TRAFFIC CONTROL" HAS BEEN PROVIDED. THE CONTRACTOR SHALL REMOVE ALL EXISTING MARKINGS AS DIRECTED BY THE ENGINEER IN DETOUR AREAS TO AVOID CONFLICTS WITH TEMPORARY MARKING (NO SEPARATE PAY).
38. THE STANDARD DEPTH OF INLETS IS 4.5'. PAYMENT FOR EXTRA DEPTH WILL BE MADE AS DESCRIBED IN THE SPECIFICATIONS.
39. REMOVAL OF FENCE WILL NOT BE PAID FOR AS A SEPERATE PAY ITEM, THIS IS CONSIDERED INCIDENTAL TO PREPARING ROW.
40. MAIL BOXES WILL BE RESET AS DIRECTED BY THE ENGINEER.
41. THE QUANTITY OF UNCLASSIFIED EXCAVATION NECESSARY FOR THE CONSTRUCTION OF THIS PROJECT IS ESTIMATED TO BE APPROXIMATELY 5,250 CY OF CUT AND 32,750 CY OF FILL. THIS QUANTITY IS A ROUGH ESTIMATE ONLY AND IS NOT INTENDED TO BE EXACT AND IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY.
42. THE CONTRACTOR IS REMANDED OF HIS RESPONSIBILITY TO PROVIDE A TRENCH SAFETY PLAN AS PER NCTCOG SPECIFICATION ITEM NO. 1.24.3, "TRENCH SAFETY". THIS DOCUMENT IS TO BE SUBMITTED TO THE CITY AT THE PRECONSTRUCTION CONFERENCE OR PRIOR TO THE START OF CONSTRUCTION.
43. ALL TRENCH EXCAVATION SHALL BE IN ACCORDANCE WITH THE U.S. DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATOR'S STANDARDS.
44. ALL FILL SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY IN A MAXIMUM OF 8" (EIGHT) INCH LIFTS COMPACTED WITH A SHEEP'S FOOT ROLLER, OR PER GEOTECHNICAL ENGINEERS REPORT.
45. MANHOLE LIDS ON STORM SEWER INLETS NEED TO BE CENTERED OVER SEWER LATERALS.
46. DRIVEWAYS SHALL BE CONSTRUCTED TO RIGHT-OF-WAY UNLESS NOTED OTHERWISE IN PLANS AND/OR CROSS SECTIONS. ALL DRIVEWAYS SHALL MATCH EXISTING ELEVATIONS AT END OF RECONSTRUCTION. ALL DRIVEWAY MATERIALS SHALL MATCH EXISTING MATERIALS.
47. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ALL LEAD WALKS WITHIN THE ROW. SLOPES SHALL NOT EXCEED 12:1. IF EXISTING GRADES CANNOT BE MATCHED BY THE EDGE OF ROW, REINFORCED CONCRETE STEPS SHALL BE INSTALLED INSIDE THE ROW.
48. SOD ALL AREAS FROM BACK OF CURB TO ROW. SOIL UNDER SOD SHALL BE 4" OF OFF SITE TOP SOIL APPROVED BY CITY OF ROCKWALL. ALL OTHER DISTURBED AREAS SHALL BE SEEDED WITH BERMUUDA GRASS DURING SUMMER MONTHS (MAY 1 TO AUGUST 30). WINTER RYE OR FESCUE GRASS MAY BE PLANTED DURING TIMES OTHER THAN THE SUMMER MONTHS AS A TEMPORARY MEASURE UNTIL SUCH TIME AS THE PERMANENT PLANNING CAN BE MADE. DISTURBED AREAS THAT ARE SEEDED SHALL BE CHECKED PERIODICALLY, TO SEE THAT GRASS COVERAGE IS PROPERLY MAINTAINED. DISTURBED AREAS SHALL BE WATERED, FERTILIZED, AND RESEDED IF NECESSARY. RESEEDING IF NECESSARY WILL BE INCIDENTAL. IF DROUGHT CONDITIONS CONTINUE THE ALTERNATIVE BID OF 4 FOOT WIDE CURLEX BLANKETS SHALL BE INSTALLED ALONG ALL PROPOSED BACK OF CURBS.
49. CONTRACTOR SHALL BE RESPONSIBLE FOR REESTABLISHING ALL MONUMENTATION INVOLVED IN CONSTRUCTION TO THE SATISFACTION OF THE CITY ENGINEERING AND SURVEYING DEPARTMENTS. ALL MONUMENTS MUST BE ESTABLISHED BY A R.P.L.S.
50. CONTRACTOR SHALL ADJUST ALL FIRE HYDRANTS, VALVES, VALVE BOXES, METER BOXES, MANHOLE RIMS, AND CLEAN OUTS TO GRADE.
51. ALL CONCRETE STRUCTURES SHALL BE 4200 PSI CLASS F, FLY ASH SHALL NOT BE USED.
52. ALL SCHOOL ZONE SIGNS WILL BE RELOCATED BY THE CITY OF ROCKWALL.
53. ALL PVC WATERLINE SHALL BE BLUE CLASS 200 PIPE.
54. CONTRACTOR SHALL COORDINATE ANY REQUIRED FRANCHISE UTILITY RELOCATIONS WITH THE CITY, FREESE AND NICHOLS, AND UTILITY COMPANY.
55. BLUE E.M.S. MARKERS SHALL BE INSTALLED @ ALL VALVES, SERVICES, AND CHANGES IN DIRECTION ON WATERLINES.
56. GREEN E.M.S. MARKERS SHALL BE INSTALLED AT ALL CLEANOUTS, MANHOLES, SERVICES AND CHANGES IN DIRECTION FOR SANITARY SEWER LINES.
57. BARRIER FREE RAMPS WILL BE BUILT WITH THIS PROJECT. LOCATIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO CLEAR OBSTRUCTIONS. RAMPS SHALL HAVE A GROOVED FINISH AS SHOWN IN THE CITY OF ROCKWALL STANDARD DETAILS. CROSS SLOPES ON RAMPS SHALL NOT EXCEED 2%.

**PHONE NUMBERS FOR UTILITIES**

UTILITY LINE LOCATOR  
 ONCOR GROUP-REEVES PARTAIN  
 SWB TELEPHONE-JOE WORLEY  
 CHARTER COMMUNICATIONS-MARK ALLEN  
 CITY OF ROCKWALL  
 FCC ELECTRIC-LORI TAYLOR  
 NIMWD-BOB QUINN

800-DIG-TSS  
 214-875-2256  
 403-457-2306  
 972-771-0202  
 972-771-7790  
 903-455-1715  
 972-442-5405

This Record Drawing is a combination of the sealed engineering contract drawings for this project, modified by addenda, change order, field order and information furnished by the contractor. The information shown on the Record Drawings is believed to be accurate based on our observations performed during construction and information furnished by others. The original sealed drawings are on file at the offices of  
**FRESE AND NICHOLS, INC.**  
 405 INTERNATIONAL PLAZA, SUITE 500  
 FORT WORTH, TEXAS 76109-4895  
 (817) 735-7280  
 RECORD DRAWINGS PREPARED ON: 3/13/2009

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CITY OF ROCKWALL, TEXAS  
**205 BYPASS CONSTRUCTION**  
 CIVIL  
**GENERAL NOTES**

NO.	ISSUE	DATE	F&N JOB NO.
			ROK06114
		05/2007	DESIGNED KAS
			DRAWN CHM
		5/12/09	REVISED TBS
			CHECKED
FILE NAME		GN-ALL NOTES.dwg	
SHEET <b>GN-1</b>			
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RECORD DRAWINGS  
 VERIFY SCALE 1" = 10'  
 Bar is one inch on original drawing. If not one inch on this sheet, adjust scale.