

**KEYED NOTES**

- 1 NATURAL GAS SERVICE. GAS COMPANY SHALL SIZE AND INSTALL SERVICE THROUGH THE METER LOCATED AT THE BUILDING. ALL MATERIALS AND INSTALLATION ARE TO BE IN ACCORDANCE WITH ALL STATE AND LOCAL CODES AND N.F.P.A. STANDARDS. INCLUDE TWO GUARD POSTS AT METER LOCATION. SEE DETAIL C2.1-03.
- 2 ELECTRIC SERVICE. CONTRACTOR SHALL INSTALL 2 - 4" CONDUITS PER ALL STATE AND LOCAL CODES, POWER COMPANY, N.F.P.A., AND N.E.C. STANDARDS AND COORDINATE WITH THE POWER COMPANY TO VERIFY THE TRANSFORMER SIZE, ORIGIN OF SERVICE, AND ALL STANDARDS FOR WORK. SEE ELECTRICAL SHEETS FOR SECONDARY WIRING DESIGN.  
THE DIVISION OF WORK SHALL BE AS FOLLOWS:  
UTILITY COMPANY: SHALL PROVIDE PRIMARY WIRING AND FINAL CONNECTION TO THE TRANSFORMER.  
GENERAL CONTRACTOR: SHALL PROVIDE TRANSFORMER PAD, PRIMARY AND SECONDARY CONDUIT, ALL TRENCHING AND BACKFILL, SECONDARY WIRING AND METER SOCKET.
- 3 SANITARY SEWER LATERAL PIPE SHALL BE P.V.C. ASTM D-3034 SDR 35, SEE PLAN FOR LENGTH, SIZE AND SLOPE. JOINTS SHALL CONFORM TO ASTM D-3212. PROVIDE CLEANOUTS (SINGLE OR DOUBLE) AS INDICATED BY "CO" OR "DCO" PER DETAIL C4.1-03.
- 4 1000 GAL. GREASE INTERCEPTOR. INSTALL PER ALL GOVERNING CODES. MAINTAIN A MINIMUM DISTANCE OF 8 FEET FROM BUILDING. SET MANHOLE LIDS FLUSH WITH GRADE. SEE SHEET MEP-03.
- 5 DOMESTIC WATER SERVICE. PIPING SHALL BE 2" TYPE "K" COPPER WITH SILVER SOLDER. CONTRACTOR MUST VERIFY REQUIREMENTS OF LOCAL CODES, UTILITY COMPANIES AND GOVERNING OFFICIALS. INCLUDE IN BASE BID ALL ADDITIONAL VALVES, PIPING STRUCTURES, ETC., THAT WILL BE REQUIRED.  
THE DIVISION OF WORK WILL BE AS FOLLOWS:  
UTILITY COMPANY: SHALL PROVIDE REQUIRE INSPECTIONS.  
GENERAL CONTRACTOR: SHALL PROVIDE ALL TRENCHING, PIPING, AND BACKFILLING FOR SERVICE CONNECTION, A 2" METER, AND A 2" DOUBLE CHECK VALVE BACKFLOW PREVENTER.
- 6 SIAMESE FIRE DEPARTMENT CONNECTION.
- 7 FIRE WATER SERVICE. PIPING SHALL BE 4" PVC. CONTRACTOR MUST VERIFY REQUIREMENTS OF LOCAL CODES, UTILITY COMPANIES AND GOVERNING OFFICIALS. INCLUDE IN BASE BID ALL ADDITIONAL VALVES, PIPING STRUCTURES, ETC., THAT WILL BE REQUIRED.  
THE DIVISION OF WORK WILL BE AS FOLLOWS:  
UTILITY COMPANY: SHALL PROVIDE REQUIRE INSPECTIONS.  
GENERAL CONTRACTOR: SHALL PROVIDE ALL TRENCHING, PIPING, AND BACKFILLING FOR SERVICE CONNECTION AND A 4" DOUBLE CHECK VALVE BACKFLOW PREVENTER WITH DETECTOR ASSEMBLY.
- 8 SITE LIGHT. PROVIDE 1 1/2" P.V.C. CONDUIT BACK TO ELECTRIC PANELS, SEE DETAIL C4.1-05. CIRCUIT AS SHOWN.
- 9 SITE SIGN. PROVIDE 1" P.V.C. CONDUIT BACK TO ELECTRIC PANELS, CIRCUIT AS SHOWN.
- 10 TELEPHONE SERVICE. CONTRACTOR TO PROVIDE 2" CONDUIT WITH PULL WIRE FOR TELEPHONE SERVICE. VERIFY EXACT ROUTING AND TERMINATION REQUIREMENTS WITH UTILITY COMPANIES BEFORE STARTING WORK. CONTRACTOR TO COORDINATE WITH OTHER UTILITIES AND UTILIZE SHARED TRENCHING IF PERMITTED.

- 11 IRRIGATION WATER SERVICE. PIPING SHALL BE 1", TYPE "K" COPPER WITH SILVER SOLDER.  
THE DIVISION OF WORK SHALL BE AS FOLLOWS:  
UTILITY COMPANY: SHALL PROVIDE REQUIRE INSPECTIONS.  
CONTRACTOR: SHALL PROVIDE 1" METER, TAPPED FROM 8" MAIN AND 1" BACKFLOW PREVENTER. PIPING DOWN STREAM OF BFP SHALL BE 1-1/4" SCH. 40 PVC, 12" BELOW GRADE WITH SHUTOFF VALVE.
- 12 STORM DRAIN SHOWN FOR INFORMATION PURPOSE ONLY. SEE SHEET C3.0 FOR DETAILS.
- 13 8" WATER MAIN. SEE SHEET C4.1 FOR INSTALLATION DETAILS.
- 14 15' WATER LINE EASEMENT TO BE FILED UNDER SEPARATE INSTRUMENT BY OTHERS.
- 15 12' ACCESS EASEMENT.
- 16 20' DRAINAGE EASEMENT.
- 17 DRAINAGE EASEMENT.
- 18 4" DIAMETER MANHOLE. SEE DETAIL C4.1-07.
- 19 EXISTING FIRE HYDRANT.
- 20 PRECAST CONCRETE VAULT FOR DOUBLE CHECK VALVE WITH DETECTOR ASSEMBLY. MINIMUM INTERIOR DIMENSIONS TO BE 52" x 90". LID AND ACCESS HATCH TO HAVE H20 TRAFFIC RATING.
- 21 PROPOSED FIRE HYDRANT. SEE DETAIL C4.2-03.
- 22 8" - 90° BEND AND 8" GATE VALVE. SEE DETAIL C4.2-02.
- 23 12' ACCESS EASEMENT TO BE FILED UNDER SEPARATE INSTRUMENT BY OTHERS.
- 24 8"x8"x8" TEE AND 8" GATE VALVE. SEE DETAIL C4.2-02.
- 25 8"x10" TAPPING SLEEVE AND VALVE. SEE DETAIL C4.2-04.
- 26 ASPHALT REPAIR. SEE DETAIL C4.1-01.

**GENERAL NOTES**

- 1 ALL UTILITY WORK WITH THE RIGHT OF WAY OF THE TOLLWAY WILL BE GOVERNED BY THE CITY OF DALLAS. CONTRACTOR WILL KEEP A COPY OF THE UTILITY PERMIT ISSUED BY THE CITY OF DALLAS ON SITE AT ALL TIMES.
- 2 48 HOURS PRIOR TO BEGINNING WORK WITHIN THE RIGHT OF WAY OF THE TOLLWAY, CONTRACTOR MUST INFORM THE CITY OF DALLAS TRANSPORTATION DEPARTMENT. CONTRACTOR WILL CONTACT:  
RUSSELL FINELY  
214.957.1036 (MOBIL PHONE)  
214.670.5896 (OFFICE)  
ALL TRAFFIC CONTROL WILL BE SUBJECT TO THE INSPECTION AND APPROVAL OF THE CITY OF DALLAS.
- 3 ALL PUBLIC INFRASTRUCTURE CONSTRUCTED UNDER THIS CONTRACT MUST BE INSTALLED AND INSPECTED ACCORDING TO THE TOWN OF ADDISON REQUIREMENTS. CONTRACTOR IS DIRECTED TO THE SUPPLEMENTAL SPECIFICATION BOOKLET WHICH OUTLINES THE TOWN REQUIREMENTS. THE BOOKLET HAS BEEN ISSUED WITH THE DRAWINGS AND ARE HEREBY A PART OF THE CONTRACT DOCUMENTS.
- 4 ALL UTILITY WORK WITHIN THE RIGHT OF WAY OF ADDISON ROAD WILL BE GOVERNED BY THE TOWN OF ADDISON. CONTRACTOR WILL KEEP A COPY OF THE ROW/EXCAVATION PERMIT ISSUED BY THE TOWN OF ADDISON ON SITE AT ALL TIMES.
- 5 ALL UTILITY, STREET AND DRAINAGE WORK NOT WITHIN THE RIGHT OF WAY OF THE TOLLWAY WILL COMPLY WITH THE TOWN OF ADDISON STANDARDS AND SPECIFICATIONS. ALL WORK WILL BE INSPECTED AND APPROVED BY THE TOWN OF ADDISON PUBLIC WORKS DEPARTMENT.

**UTILITY CONTACTS**

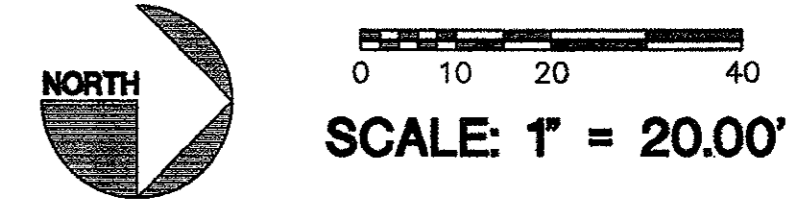
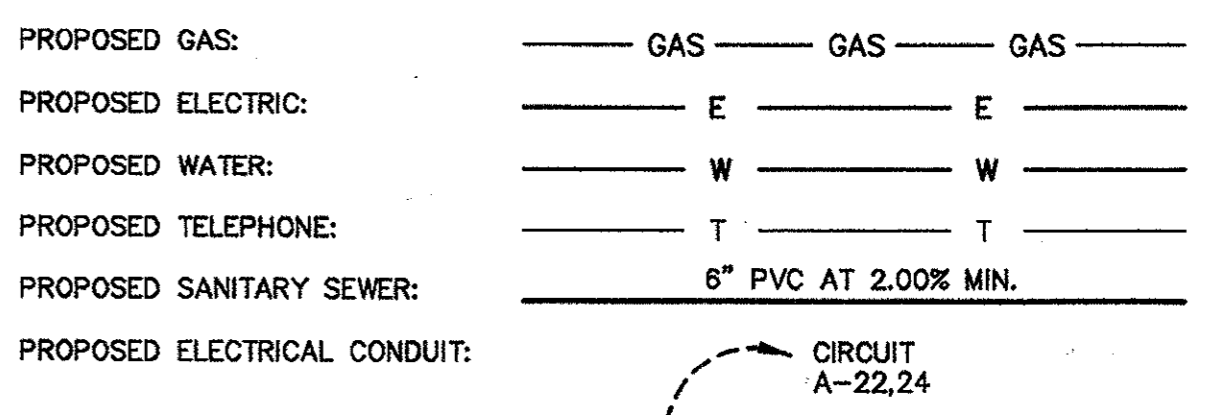
<b>BUILDING OFFICIAL:</b>	CITY OF ADDISON (LYNN CHANDLER) 16801 WESTGROVE DRIVE ADDISON, TEXAS 75001 972.450.2889 (T) 972.450.2837 (F)
<b>SANITARY SEWER:</b>	CITY OF ADDISON (STEVE CHUTCHIAN) 16801 WESTGROVE DRIVE ADDISON, TEXAS 75001 972.450.2886 (T) 972.450.2837 (F)
<b>STORM SEWER:</b>	CITY OF ADDISON (STEVE CHUTCHIAN) 16801 WESTGROVE DRIVE ADDISON, TEXAS 75001 972.450.2886 (T) 972.450.2837 (F)
<b>WATER SERVICE:</b>	CITY OF ADDISON (STEVE CHUTCHIAN) 16801 WESTGROVE DRIVE ADDISON, TEXAS 75001 972.450.2886 (T) 972.450.2837 (F)
<b>GAS SERVICE:</b>	TXU ELECTRIC AND GAS 972.888.1330 (T) 972.888.1304 (F)
<b>ELECTRICAL SERVICE:</b>	TXU ELECTRIC AND GAS 972.888.1330 (T) 972.888.1304 (F)
<b>TELEPHONE COMPANY:</b>	AT&T 972.840.2388
<b>CABLE TELEVISION:</b>	CHARTER COMMUNICATION 800.477.0887

**GENERAL NOTE:**  
CONTRACTOR SHALL SUPPLY AND INSTALL ALL ITEMS AND PERFORM ALL WORK NOT COVERED BY UTILITY COMPANIES. VERIFY INSTALLATION PROCEDURE WITH UTILITY COMPANY.  
ON SITE TRENCHING SHALL BE MINIMIZED WHEN POSSIBLE. UTILITIES, LIGHTING, AND IRRIGATION SHALL MAKE USE OF SHARED TRENCHING. FOR TRENCHING INFORMATION, SEE DETAIL C4.1-01

**SEWER STRUCTURE SCHEDULE**

- 1 EXISTING MANHOLE  
RIM = 853.56  
8" INVERT IN (N) = 626.01  
8" INVERT OUT (S) = 625.96
- 2 PROPOSED MAHOLE  
RIM = 637.50  
8" INVERT IN (N) = 626.33  
8" INVERT OUT (S) = 626.23  
6" INVERT IN (E) = 626.33

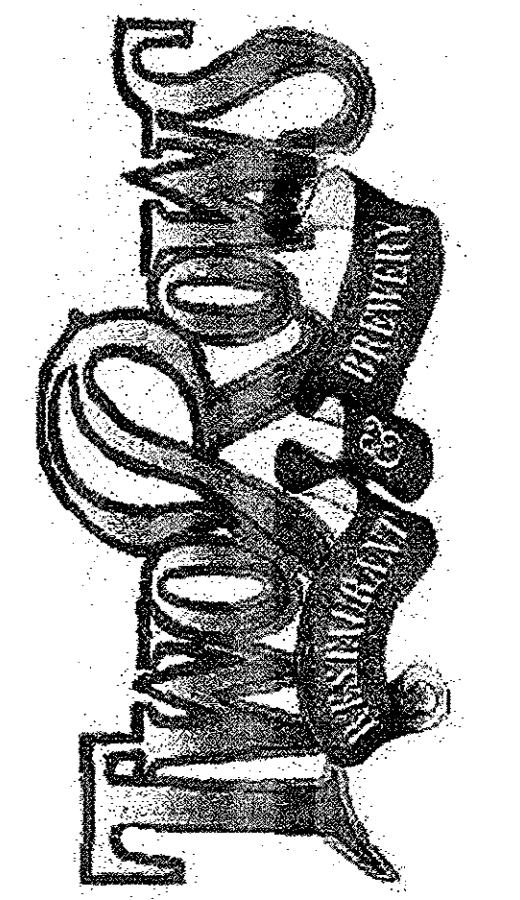
**UTILITY LINE LEGEND**



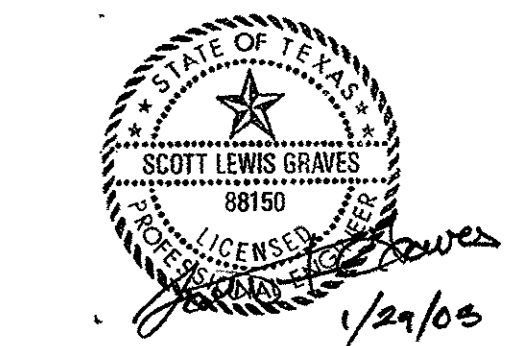
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**REVISIONS**

1	12/19/02 (City)
2	01/24/03 (City)

PROTOTYPE  
STORE NUMBER  
WD PROJECT NUMBER  
0000.659-00

**C4.0** UTILITY PLAN