

Delta=30°14'05"
 Radius=150.00'
 Length=79.14'
 CB=N29°26'57"E
 Chord=78.24'

WAYPOINT
 60' R.O.W.
 DRIVE

15' LANDSCAPE SETBACK
 30' BLDG. LINE

N13°24'54"W
 287.14'

CONNECT TO EXIST. 8" SS
 FL 653.39

N89°56'40"E
 394.37'

SS LN. "A"
 175' F. 8" PVC
 @ 2.00%

INSTALL:
 6" CLEANOUT
 FL 656.86

ONE-STORY BUILDING
 85.96' x 130.96'
 11,257 S.F.
 FIN FLR EL = 662.86



CONNECT TO EX. 12" WATER
 INSTALL:
 1-2" METER & BOX (DOM.)
 1-1" METER & BOX (IRR.)
 2-BACKFLOW PREVENTORS

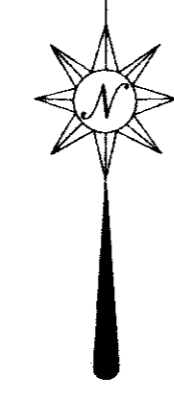
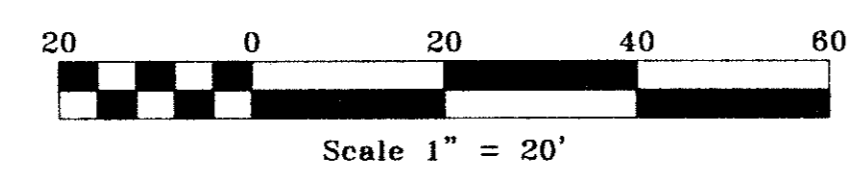
DUMPSTER LOCATION
 WITH 6' H' SCREENING
 FENCE THREE SIDES

EXISTING MULTI-TRUNK
 TREE TO BE REMOVED

WATER & WASTEWATER NOTES:

- ALL WATER AND SANITARY SEWER MAIN CONSTRUCTION WITHIN PUBLIC RIGHT-OF-WAY OR EASEMENT SHALL CONFORM TO THE REQUIREMENTS OF THE TEXAS NATURAL RESOURCES CONSERVATION COMMISSION (TRNC) GUIDELINES FOR CONSTRUCTION OF PUBLIC WATER AND SEWER SYSTEMS. WATER AND SANITARY SERVICES SHALL BE TESTED IN ACCORDANCE WITH THE CITY OF CARROLLTON STANDARDS AND SPECIFICATIONS.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS OF THE CITY OF CARROLLTON.
- CONTRACTOR SHALL MAINTAIN EXISTING SANITARY SEWER AND WATER SERVICE AT ALL TIMES DURING CONSTRUCTION.
- ALL WATER AND SEWER CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE CITY OF CARROLLTON STANDARDS AND DETAILS. CONTRACTOR SHALL MAINTAIN A COPY OF THE REFERENCE DOCUMENTS AT THE JOBSITE.
- THE CONTRACTOR SHALL PROVIDE "AS-BUILT" PLANS TO THE OWNER SO THAT THE REPRODUCIBLES OF THE PLANS MAY BE CORRECTED TO REFLECT "AS-BUILT" CONDITIONS.
- ALL WATER MAINS AND SERVICE CONNECTIONS CONSTRUCTED WITHIN PUBLIC RIGHT-OF-WAY SHALL BE PRESSURE TESTED IN ACCORDANCE WITH THE CITY OF CARROLLTON REQUIREMENTS. THE CONTRACTOR SHALL FLUSH AND STERILIZE ALL WATER MAINS. THE CITY WILL TAKE WATER SAMPLES AND HAVE LABORATORY TESTS PERFORMED TO PROVE THE WATER MAINS TO BE FREE OF BACTERIA/MICRO-ORGANISMS. CONTRACTOR IS RESPONSIBLE FOR ANY FEES OR COST RELATED TO TESTING OF WATER OR SEWER MAINS.
- THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN ALL NECESSARY WARNING AND SAFETY DEVICES (FLASHING LIGHTS, BARRICADES, SIGNS, ETC.) TO PROTECT THE PUBLIC SAFETY AND HEALTH UNTIL ALL WORK HAS BEEN COMPLETED AND ACCEPTED BY THE CITY.
- THE LOCATION OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND VERIFY IN THE FIELD ANY UTILITIES THAT MAY CONFLICT WITH HIS CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR ANY RELOCATION OR ADJUSTMENT COST ASSOCIATED WITH HIS WORK. AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION IN THE VICINITY OF EXISTING UNDERGROUND UTILITIES, THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES TO LOCATE ALL UNDERGROUND UTILITIES.
- ALL SANITARY SEWER PIPES SHALL CONFORM TO ASTM D3034 SDR 35 AND SHALL BE AIR TESTED IN ACCORDANCE WITH THE CITY REQUIREMENTS.
- ALL DIMENSIONS SHOWN ARE TO CENTERLINE OF PIPE AND RIGHT-OF-WAY OR PROPERTY LINE, UNLESS NOTED OTHERWISE.
- WATER SERVICES SHALL BE TYPE "K" COPPER, SIZED & LOCATED AS INDICATED ON THE PLANS, AND COMPLY WITH DETAIL W-7 OF THE GENERAL DESIGN STANDARDS. METER BOXES AND GATE VALVES SHALL MEET CITY OF CARROLLTON SPECIFICATIONS.
- MINIMUM BURY DEPTH OF CITY WATER MAINS IS 42" BELOW DEVELOPED GRADE.
- AT TIME OF PLACEMENT ALL WATER MAINS SHALL BE SWABBED WITH KNAPP POLLY PIG BARE SWAB OR APPROVED EQUAL.
- ALL WATER MAINS SHALL BE PLUGGED WITH A CAST IRON PLUG (OR APPROVED EQUAL) AT THE END OF EACH WORK DAY.
- UNLESS SHOWN OTHERWISE, ALL SANITARY SEWER PIPE SHALL BE PVC D-3040 SDR 35.
- SANITARY SEWER LATERALS SHALL BE AS INDICATED ON THE PLAN.
- EMBEDMENTS SHALL BE AS FOLLOWS:
 D.I. WATER - CLASS "C"
 PVC WATER - CLASS "B-1"
 PVC SEWER - CLASS "4"
- THE CONTRACTOR SHALL PROVIDE A TRENCH SAFETY PLAN AND BE RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING UTILITY LOCATIONS PRIOR TO HIS WORK.
- ALL WATER METERS ARE TO BE LOCATED IN NON-TRAFFIC AREAS.
- CONSTRUCTION SHALL NOT PROCEED ABOVE THE FOUNDATION PRIOR TO COMPLETION OF ALL FIRE LANES AND FIRE HYDRANTS.
- ALL SANITARY SEWER LATERALS OUTSIDE OF EASEMENT SHALL BE INSPECTED BY CITY OF CARROLLTON BUILDING INSPECTOR PRIOR TO BACKFILL.
- ALL SANITARY SEWER LINES, WATER LINES & GAS LINES TO BE ENCASED IN CONCRETE OR APPROVED EQUAL WHEN LINES ARE UNDER PAVEMENT.
- TRAFFIC FLOW SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.

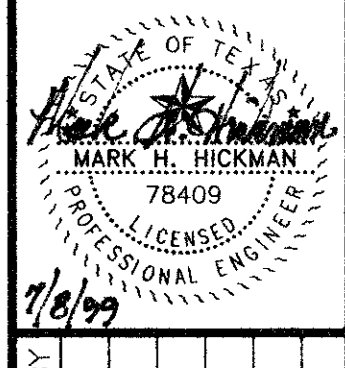
LEGEND
 PROPOSED WATER METER
 PROPOSED FIRE HYDRANT



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UTILITY PLAN
 MAN'S BEST FRIEND
 CARROLLTON, TEXAS
 D/B CONSTRUCTORS, INC.
 2400 GREAT SOUTHWEST PKWY.
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SCALE: AS SHOWN
 DATE: JUNE 1999
 DRAWN BY: A.B.C.
 CHK'D BY: M.H.H.
 JOB NO: 9001-73
 FILE: 800173UP.DWG
 SUBMITTAL: 06/23/99(3)



REVISION	DATE	DESCRIPTION

SHEET
C-3