

**GENERAL NOTES:**

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- PROJECT INSPECTION: FOR PROJECT "A" INSPECTION SHALL BE BY CITY OF HEATH. FOR PROJECT "B" INSPECTION SHALL BE BY CITY OF ROCKWALL.
- BEFORE BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL PREPARE A CONSTRUCTION SEQUENCE SCHEDULE. THE CONSTRUCTION SCHEDULE SHALL BE SUCH THAT THERE IS THE MINIMUM INTERFERENCE WITH TRAFFIC ALONG OR ADJACENT TO THE PROJECT.
- CONSTRUCTION MAY NOT BE BEGUN EARLIER THAN 7:00 A.M. ON WEEKDAYS NOR CONTINUED AFTER DARK WITHOUT PERMISSION FROM THE CITY OF ROCKWALL OR CITY OF HEATH. CONSTRUCTION ON SATURDAY MAY NOT BE BEGUN BEFORE 8:00 A.M. AND WORK ON SUNDAY IS PROHIBITED WITHOUT SPECIAL PERMISSION.
- EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM FIELD SURVEYS. THE ENGINEER DOES NOT ACCEPT THE RESPONSIBILITY FOR THE UTILITY LOCATIONS SHOWN IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION, TO TAKE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED, AND TO NOTIFY THE ENGINEER PROMPTLY OF ALL CONFLICTS OF THE WORK WITH EXISTING FACILITIES. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE BY THE CONTRACTOR TO EXISTING UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE. CONTACT ALL POSSIBLE UTILITY AND UNDERGROUND FACILITY OWNERS. CONTACT 1-800-344-8377 BEFORE EXCAVATING.

\*THE FOLLOWING TABLE IS GIVING TO CONTRACTOR TO ASSIST IN THE PROJECT PLANNING ONLY. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL EXISTING UNDERGROUND UTILITIES.

PROJECT	LOCATION	DESCRIPTION	UTILITY
A	LOFLAND CIRCLE -- ALONG THE WEST R.O.W. LINE	11 PAIRS TELEPHONE CABLE	SBC
B	S.H. 205 -- ALONG THE WEST R.O.W. FROM LOFLAND CIR. TO MIMS ROAD	50 PAIRS TELEPHONE CABLE	SBC
B	MIMS ROAD FROM S.H. 205 ALONG THE SOUTH R.O.W. LINE OF MIMS ROAD GOING WEST	200 PAIRS TELEPHONE CABLE	SBC
B	S.H. 205 -- ALONG WEST R.O.W. FROM MIMS RD. GOING NORTH APPROX. 300 FT. AND CROSSING S.H. 205	200 PAIRS TELEPHONE CABLE	SBC
B	S.H. 205 -- ALONG THE WEST R.O.W. FROM SIDS RD. GOING SOUTH APPROX. 600 FT.	25 PAIRS TELEPHONE CABLE	SBC
B	AT S.H. 205 WATER LINE BORE. LOCATED INSIDE THE 25 FT. WIDE UTILITY EASEMENT ADJACENT AND PARALLEL TO THE EAST R.O.W. LINE OF S.H. 205.	MAJOR FIBER OPTIC CABLE	SBC
B	SOUTH R.O.W. LINE OF S.H. 276 @ R.L. TOWNSEND	FIBER OPTIC CABLE	SBC
B	NORTH R.O.W. LINE OF S.H. 276 @ R.L. TOWNSEND.	CATV	UNKNOWN

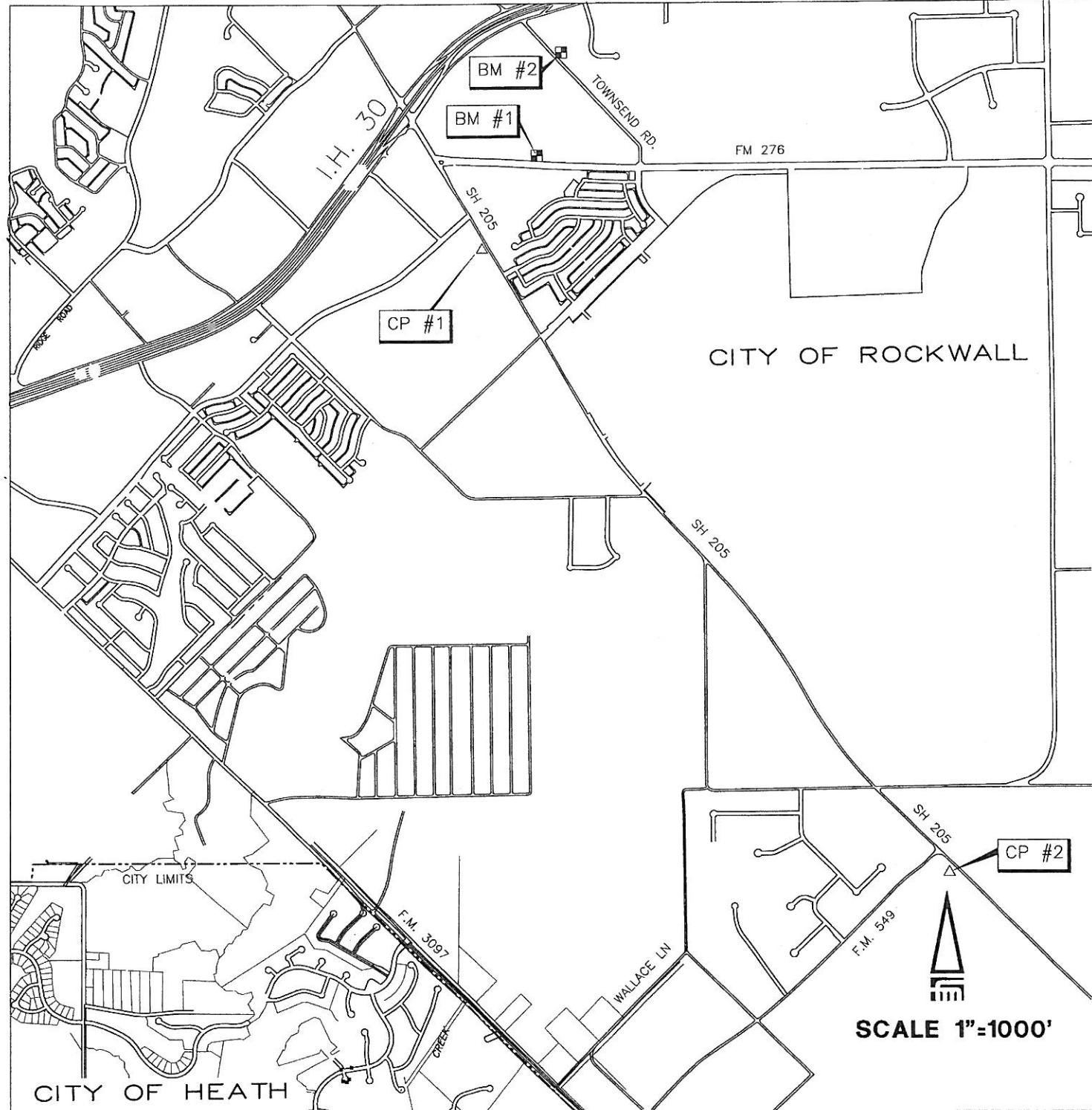
- WORK MAY NOT BE BACKFILLED OR COVERED UNTIL IT HAS BEEN INSPECTED.
- MATERIAL TESTING SHALL BE PERFORMED BY AN INDEPENDENT TESTING LABORATORY AND PAID FOR BY THE CONTRACTOR. THE FOLLOWING MATERIAL TESTS SHALL BE PROVIDED BY THE CONTRACTOR:  
UTILITY TRENCH BACKFILLED -- ONE SOIL DENSITY TEST SHALL BE PERFORMED FOR EACH 250 L.F. OF TRENCH.  
THE CITY OF ROCKWALL OR CITY OF HEATH INSPECTOR SHALL SELECT THE LOCATION AND DEPTH OF EACH SOIL DENSITY TEST.
- ALL EXCAVATION ON THE PROJECT IS UNCLASSIFIED.
- TEMPORARY EROSION CONTROL SHALL BE USED TO MINIMIZE THE SPREAD OF SILT AND MUD FROM THE PROJECT ON TO EXISTING STREETS, ALLEYS, DRAINAGEWAYS AND PUBLIC AND PRIVATE PROPERTY. TEMPORARY EROSION CONTROLS MAY INCLUDE SILT FENCES, ROCK CHECK DAMS, STABILIZED CONSTRUCTION ENTRANCES, STRAW BALES, BERMS, DIKES, SWALES, STRIPS OF UNDISTURBED VEGETATION, CHECK DAMS AND OTHER METHODS AS REQUIRED BY THE CITY OF ROCKWALL, CITY OF HEATH OR ROCKWALL COUNTY, OR HIS REPRESENTATIVE AND SHALL CONFORM TO THE STORM WATER QUALITY BEST MANAGEMENT PRACTICES FOR CONSTRUCTION ACTIVITIES AS PUBLISHED BY THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS.
- REMOVE, SALVAGE AND REPLACE ALL STREET AND TRAFFIC CONTROL SIGNS WHICH MAY BE DAMAGED BY THE CONSTRUCTION OF THE PROJECT. DO NOT REMOVE TXDOT SIGNS WITHOUT PERMISSION.
- ALL TRENCHING AND EXCAVATION SHALL BE PERFORMED IN ACCORDANCE WITH OSHA STANDARDS.
- THIS PROJECT IS LOCATED WITHIN THE CITY LIMITS OF THE CITY OF ROCKWALL, ROCKWALL COUNTY AND CITY OF HEATH. FOR SEGMENT OF THE PROJECT LOCATED IN THE CITY OF ROCKWALL CONSTRUCTION STANDARDS SHALL GOVERN THE CONSTRUCTION OF THIS PROJECT, WHERE THERE MAY BE A DISCREPANCY BETWEEN THE PLANS AND SPECIFICATIONS FOR THIS PROJECT AND ADOPTED CITY OF ROCKWALL STANDARDS, THE ROCKWALL STANDARDS SHALL GOVERN. CONTACT CITY OF ROCKWALL ENGINEERING DEPT. -- CHUCK TODD, P.E., CITY ENGINEER (TEL 972-771-7746). FOR THE PROJECT SEGMENT LOCATED ON THE TERRITORY OF THE CITY OF HEATH AND ROCKWALL COUNTY CONTACT CITY OF HEATH JOHN LANGSTAFF AT 962-771-6228.
- CONTRACTOR SHALL RESTORE DISTURBED AREA INSIDE TXDOT CONTROLLED RIGHT-OF-WAY BASED ON THE ATTACHED PERMIT REQUIREMENTS IN THE SPECIFICATIONS APPENDIX.
- THE ENTIRE WIDTH OF WALLACE LANE FROM THE INTERSECTION WITH THE NORTH R.O.W. LINE OF F.M. 3097 TO THE INTERSECTION WITH THE WEST R.O.W. LINE OF LOFLAND CIRCLE SHALL BE REPAVED. THE CONTRACTOR SHALL KEEP ONE LANE OF TRAFFIC OPEN AT ALL TIMES, EXCEPT FOR A SHORT DURATION REQUIRED FOR MANEUVERING OF HEAVY MACHINERY. COORDINATE TRAFFIC CONTROL WITH THE ROCKWALL COUNTY ROAD SUPERVISOR. PAVING OF THE SECOND LANE OF WALLACE ROAD SHALL BE COMPLETED AFTER THE WATER LINE IS TESTED AND OPERATIONAL. REPAVING WALLACE LANE MAY BE COMPLETED AFTER THE PROJECT IS DECLARED SUBSTANTIALLY COMPLETE.
- ALL NON-ENCASED BORE INSTALLATIONS SHALL BE BY OTHER THAN OPEN CUT-WITH METHOD TO BE SELECTED BY THE CONTRACTOR. FILL VOIDS WITH GROUT PER ASTM C-476.

**WATER LINE NOTES:**

- SEE SPECIFICATIONS FOR PIPELINE MATERIALS THAT ARE ALLOWED.
  - MARKING TAPE SHALL BE INSTALLED OVER PVC WATER LINES.
  - FITTINGS FOR PVC WATER LINES SHALL BE FULL BODY DUCTILE IRON AND BE ENCASED IN A POLYETHYLENE SHEATH.
  - VALVES, INCLUDING TAPPING VALVES SHALL BE RESILIENT SEAT GATE VALVES. BUTTERFLY VALVES ARE PERMITTED FOR 16-INCH VALVES AND LARGER.
  - ALL DIRECT BURIAL VALVES SHALL BE PROVIDED WITH CAST IRON VALVE BOXES WITH PVC STACKS. VALVE STACKS SHALL BE VERTICAL AND CONCENTRIC WITH THE VALVE STEM. STAINLESS STEEL VALVE EXTENSIONS ARE REQUIRED ON ALL VALVES WHERE THE OPERATING NUT IS GREATER THAN 4 FEET BELOW FINISHED GRADE.
  - ALL EXPOSED BOLTING ON ANY BURIED EQUIPMENT OR MATERIAL SHALL BE STAINLESS STEEL. INCLUDED ARE:  
A. BONNET AND STUFFING BOX BOLTS ON VALVES.  
B. SHOE BOLTS ON FIRE HYDRANTS.  
C. FLANGE BOLTS.
- \*COR-TEN MECHANICAL JOINT "T" BOLTS ARE ACCEPTABLE FOR DIRECT BURIAL SERVICE.
- INSTALL MEG-A-LUG JOINT RESTRAINTS ON ALL MJ FITTINGS.

**LEGEND**

- BENCHMARK
- △ CONTROL POINT
- POWER POLE
- ⊕ FIRE HYDRANT
- ⊞ WATER METER
- ⊙ WATER VALVE
- ← POWER POLE GUY
- ▨ EXISTING CONCRETE PAVEMENT
- ▧ EXISTING ASPHALT PAVEMENT
- - - RIGHT OF WAY LINE
- EXISTING MANHOLE
- ▨ PAVEMENT REPAIR
- ▧ EXISTING GRAVEL PAVEMENT
- 8" EXISTING WATER LINE (8-INCH)
- ⊞ GAS METER



**BM #1**  
SQUARE CUT IN CENTER OF HEADWALL (2~10'X10' BOX CULVERT), 1400 FT ± EAST OF S.H. 205 AND 35 FT. ± SOUTH OF CENTERLINE OF FM 276.  
ELEVATION: 528.02

**BM #2**  
SQUARE CUT IN TOP OF HEADWALL ON EAST SIDE OF TOWNSEND DRIVE 30 FT. ± NORTH FROM CENTERLINE OF ACCESS GATE FOR EASTSIDE PUMP STATION (CITY OR ROCKWALL).  
ELEVATION: 540.14

**CONTROL POINT #1**  
TXDOT GPS MONUMENT (ALUMINUM CAP) #01990033 LOCATED ON THE WEST SIDE OF S.H. 205 SOUTH FROM INTERSECTION WITH SIDS ROAD, 3 FT. ± EAST FROM TXDOT PLASTIC TAG THAT MARKS THIS MONUMENT. CAP IS BURIED 3"-4".  
N: 7018017.48  
E: 2599821.96  
ELEVATION: 551.10

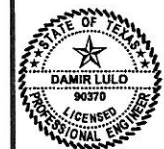
**CONTROL POINT #2**  
TXDOT GPS MONUMENT (ALUMINUM CAP) #1991134 LOCATED ON THE WEST SIDE OF S.H. 205 SOUTH FROM INTERSECTION WITH SIDS ROAD, 3 FT. ± EAST FROM TXDOT PLASTIC TAG THAT MARKS THIS MONUMENT. CAP IS BURIED 3"-4".  
N: 7008401.53  
E: 2605810.27  
ELEVATION: 531.71

**RECORD DRAWING**  
(ALL REVISIONS ARE BASED UPON CITY AND CONTRACTOR NOTES AND COMMENTS)

NO.	DATE	REVISION	BY
1	2.26.04	ADDENDUM NO. 1	A.C.

**FREEMAN-MILLICAN, Inc.**  
ENGINEERS - ARCHITECTS - PLANNERS  
9500 FOREST LN., DALLAS, TX 75243-6669

CITY OF HEATH  
24" WATER TRANSMISSION LINE - PROJECT "A"  
GENERAL NOTES AND PROJECT CONTROL



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY DAMIR LULUD, P.E. NO. 90370 ON 11/23/04

SCALE: AS NOTED

IF SHEET IS IN 11"x17" FORMAT, DRAWINGS ARE AT 1/2" OF NOTED SCALE.

PROJECT No.:	02150
DATE:	NOV 2004
DESIGNED:	DL
DRAWN:	FMI
CHECKED:	JTM

SHEET  
**G2**  
TOTAL SHEETS: 27