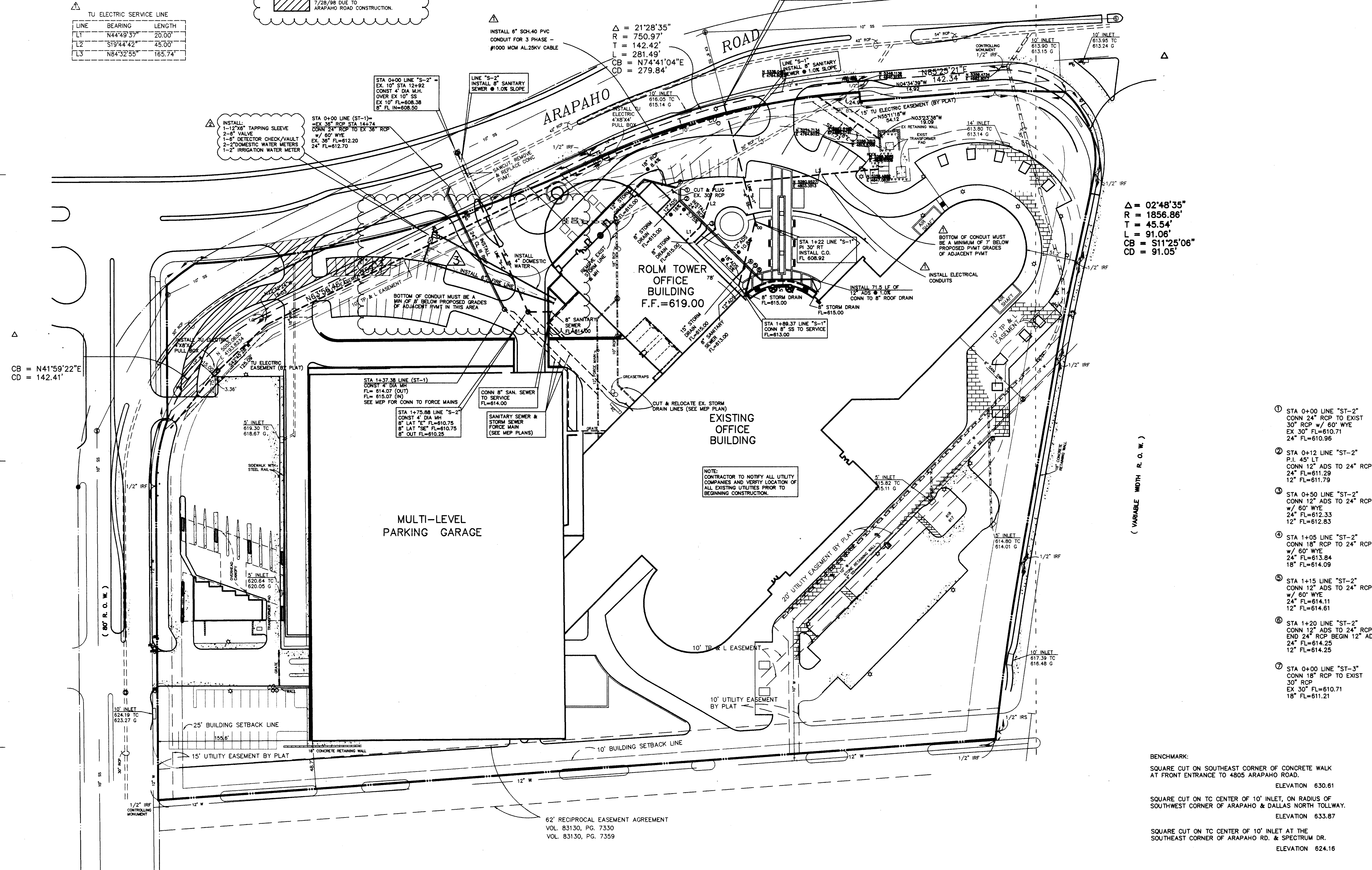
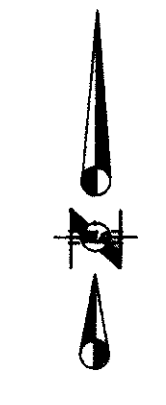
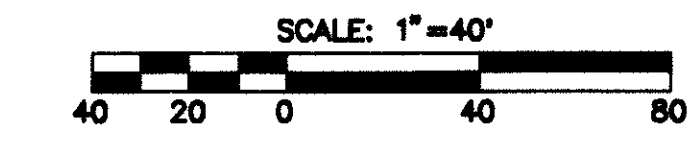


LINE	BEARING	LENGTH
L1	N44°49'37"	20.00'
L2	S19°44'42"	45.00'
L3	N84°32'55"	165.74'

△ SITE IMPROVEMENTS NOT CONSTRUCTED 7/28/98 DUE TO ARAPAHO ROAD CONSTRUCTION.



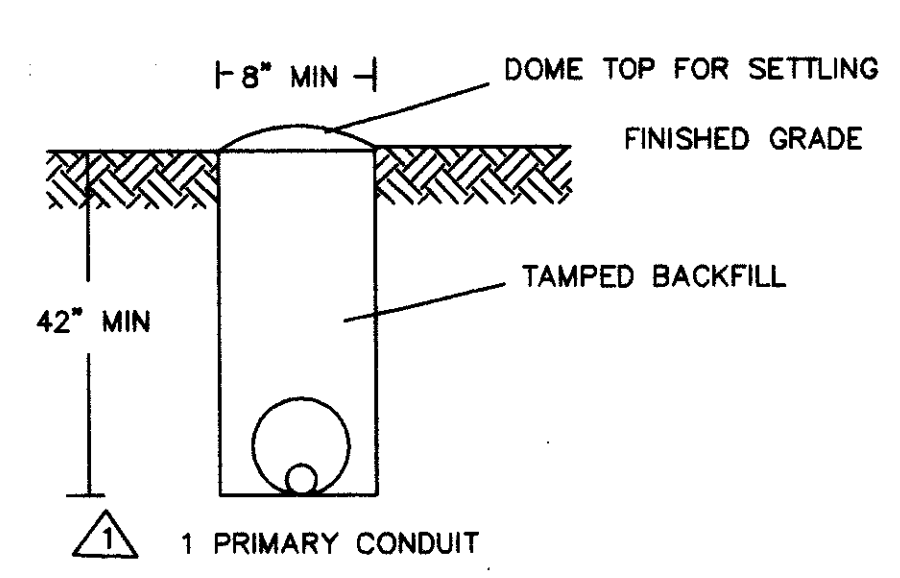
△ = 02'48'35"  
 R = 1856.86'  
 T = 45.54'  
 L = 91.06'  
 CB = S11°25'06"  
 CD = 91.05'

( VARIABLE WIDTH R. O. W. )

1. STA 0+00 LINE "ST-2" CONN 24" RCP TO EXIST 30" RCP W/ 60" WYE EX 30" FL=610.71 24" FL=610.96
2. STA 0+12 LINE "ST-2" P.I. 45' LT CONN 12" ADS TO 24" RCP 24" FL=611.29 12" FL=611.79
3. STA 0+50 LINE "ST-2" CONN 12" ADS TO 24" RCP W/ 60" WYE 24" FL=612.33 12" FL=612.83
4. STA 1+05 LINE "ST-2" CONN 18" RCP TO 24" RCP W/ 60" WYE 24" FL=613.84 18" FL=614.09
5. STA 1+15 LINE "ST-2" CONN 12" ADS TO 24" RCP W/ 60" WYE 24" FL=614.11 12" FL=614.61
6. STA 1+20 LINE "ST-2" CONN 12" ADS TO 24" RCP END 24" RCP BEGIN 12" ADS 24" FL=614.25 12" FL=614.25
7. STA 0+00 LINE "ST-3" CONN 18" RCP TO EXIST 30" RCP EX 30" FL=610.71 18" FL=611.21

BENCHMARK:  
 SQUARE CUT ON SOUTHEAST CORNER OF CONCRETE WALK AT FRONT ENTRANCE TO 4805 ARAPAHO ROAD.  
 ELEVATION 630.61  
 SQUARE CUT ON TC CENTER OF 10' INLET, ON RADIUS OF SOUTHWEST CORNER OF ARAPAHO & DALLAS NORTH TOLLWAY.  
 ELEVATION 633.87  
 SQUARE CUT ON TC CENTER OF 10' INLET AT THE SOUTHEAST CORNER OF ARAPAHO RD. & SPECTRUM DR.  
 ELEVATION 624.16

TRENCH REQUIREMENTS

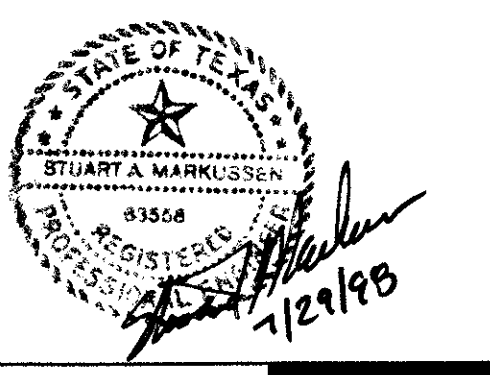


**RECORD DRAWING**  
 THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED AND FURNISHED BY OTHERS. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THIS DOCUMENT AS A RESULT.  
 DATE 7/21/98

GENERAL NOTES

1. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE TOWN OF ADDISON STANDARDS AND SPECIFICATIONS AND TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION FOR NORTH CENTRAL TEXAS, LATEST EDITION AND THE TOWN OF ADDISON ADDENDUM THERETO.
2. ALL DRAINAGE STRUCTURES SHALL BE 3500 PSI CONCRETE AT 28 DAYS.
3. A MINIMUM OF CLASS III REINFORCED CONCRETE PIPE SHALL BE USED ON ALL STORM SEWER SYSTEMS UNLESS OTHERWISE NOTED. RAM NECK SHALL BE USED ON ALL PIPE JOINTS UNLESS PRIOR APPROVAL RECEIVED.
4. ALL BACKFILL SHALL BE COMPACTED TO 95% OF STANDARD PROCTOR DENSITY IN SIX (6) INCH LIFTS.
5. WATER JETTING WILL NOT BE ALLOWED.
6. ALL WYE CONNECTIONS AND BENDS SHALL BE MANUFACTURED FITTINGS.
7. TRENCH ALIGNMENTS SHALL BE AS STRAIGHT AS CONDITIONS PERMIT. ANY DEVIATIONS FROM PLANNED ALIGNMENT SHALL HAVE PRIOR APPROVAL BY THE PROJECT ENGINEER/INSPECTOR. ALL TRENCH CUTS SHALL BE IN ACCORDANCE WITH EXISTING SAFETY REGULATIONS IN EFFECT.
8. TRENCH BOTTOM SHOULD BE UNDISTURBED, TAMPED, OR RELATIVELY SMOOTH EARTH, WHERE EXCAVATION IS IN ROCK, THE CONDUIT SHOULD BE LAID ON A LAYER OF CLEAN BACKFILL.
9. ALL BACKFILL SHOULD BE FREE OF DEBRIS OR OTHER MATERIAL THAT MAY DAMAGE THE CONDUIT SYSTEM OR CAUSE SETTLING. THE MATERIAL SHOULD FILL THE VOIDS AROUND THE CONDUIT TO PREVENT HOT SPOTS AND SETTLING.
10. BACKFILL SHOULD BE ADEQUATELY COMPACTED. BACKFILL NOT UNDER PAVEMENT SHOULD BE COMPACTED TO THE DENSITY OF THE SURROUNDING UNDISTURBED SOIL. BACKFILL UNDER PAVEMENT SHOULD BE COMPACTED TO NOT LESS THAN 95% OF THE DENSITY OF UNDISTURBED SOIL AS DETERMINED BY ASTM DESIGNATION D-698.
11. EACH CONDUIT RUN SHALL BE CHECKED BY PULLING MANDREL THROUGH THE ENTIRE LENGTH. A 1/8 INCH NYLON PULLING CORD SHALL BE LEFT IN EACH CONDUIT. CONDUIT SHALL BE PLUGGED AT BOTH ENDS.

**HaldemanPowellPartners**  
 15303 Dallas Parkway  
 Suite 300, LRSO  
 Dallas, Texas 75248  
 Tel 972.701.9000  
 Fax 972.991.3008  
 ARCHITECTURE  
 INTERIORS  
 PLANNING



PROJECT TEAM:  
 ARCHITECT:  
**HALDEMAN POWELL + PARTNERS**  
 15303 DALLAS PARKWAY SUITE 300  
 DALLAS, TX 75248  
 (972) 701-9000  
 CIVIL ENGINEER:  
**RAYMOND L. GOODSON, JR., INC.**  
 5445 LA SIERRA  
 DALLAS, TX 75231-8100  
 (214) 739-8100  
 STRUCTURAL ENGINEER:  
**BROCKETTE DAVIS DRAKE INC.**  
 4144 N. CENTRAL EXPRESSWAY SUITE 1100  
 DALLAS, TX 75204  
 (214) 824-3647  
 MEP ENGINEER:  
**JAMES JOHNSTON & ASSOCIATES, INC.**  
 2711 N. HASKELL AVE. SUITE 1300, LB 15  
 DALLAS, TX 75204  
 (214) 823-9800  
 LANDSCAPE ARCHITECT:  
**MESA DESIGN**  
 3100 MCKINNON, SUITE 905  
 DALLAS, TX 75201  
 (214) 871-0568  
 OWNER:  
**MEPC AMERICAN PROPERTIES, INC.**  
 15303 DALLAS PARKWAY  
 SUITE 100 LB 10  
 DALLAS, TX 75248  
 PROJECT:  
**THE COLONNADE  
 TOWER III**  
 ARAPAHO AND DALLAS PARKWAY  
 DALLAS, TEXAS  
 PROJECT NUMBER: 5500.96061.00

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FOR REVISION

NO.	DATE	DESCRIPTION
1	7/2/97	ADD TU ELECTRIC LINE
2	7/15/97	MOVED PULL BOX & RELOCATED METERS AND FIRE VAULT
3	7/28/98	RECORD DRAWINGS

TITLE:  
 UTILITY PLAN  
 DATE: MAY 23, 1997  
 SHEET: C5