

10' SANITARY SEWER CURVE DATA
 R 100.00
 L 100.00
 C 100.00
 CH 100.00

BEGIN CONSTRUCTION
 155' ST. STA. 0+00-55 LINE A
 CONSTR. STD. 40" DIA. 55 M.H. B

155' ST. STA. 5+00-55 LINE A
 CONSTR. STD. 40" DIA. 55 M.H. B

155' ST. STA. 0+981.55 LINE A

MATCH LINE
STA. 8+00

10' SANITARY SEWER LINE A

SANITARY SEWER SYSTEM SUMMARY

NUMBER	FROM	TO	RESIDENTIAL FLOW		COMMERCIAL OR INDUSTRIAL POINT SOURCE FLOW		# PEAK INFLOW (gpd)	TOTAL DESIGN FLOW MAXIMUM 15-MINUTE DAY (1500)
			AVERAGE DRY-DAY FLOW (gpd)	MAXIMUM DRY-DAY FLOW (gpd)	UNITS* (sq. ft.)	AVERAGE FLOW (gpd)		
1	2	---	---	---	18,715	5,675	800	4,275
2	4	---	---	---	6,000	4,875	1,000	5,925
3	4	---	---	---	12,000	2,400	1,200	3,600
4	5	---	---	---	3,200	7,915	1,272	9,187
5	7	---	---	---	9,600	9,855	2,520	12,355
6	7	---	---	---	6,000	1,200	1,200	2,400
7	8	---	---	---	6,400	12,315	2,190	14,505
8	9	---	---	---	110,000	114,615	5,000	117,615

* Designate base measurement from which flow is calculated. 0.2 gpd/sq. ft. for retail M.H. 1 to 8. 0.91 gpd/sq. ft. for hotel, M.H. 9 to 5.

** 30,000 gpd/mile
 Say 6 gpd/l.f.

BEGIN CONSTRUCTION
 155' ST. STA. 0+70-10' W.L. W-10
 INSTALL 1" G. TAPPING SADDLE
 6" GATE VALVE
 6" X 10' REDUCER
 CONIC BLOCKING

8" S.S. STA. 10+61.12
 CONSTR. STD. 40" DIA.
 S.S. M.H.

8" S.S. STA. 20+86.12
 CONSTR. STD. 40" DIA.
 S.S. M.H.

END CONSTRUCTION
 8" S.S. STA. 21+99.12
 PLUG 8" S.S.

* NOTE: 1" WATER SERVICE TO BE INSTALLED
 IN SAME CONDUIT USED FOR LAWN
 SPRINKLER SYSTEM.

W.L. STA. 4+38-W.L. W-10
 INSTALL 1" X 10" TAPPING SADDLE
 1" CORPORATION STOP
 1/2" L.F. 1" SERVICE

END CONSTRUCTION
 8" S.S. STA. 20+86.12
 CONSTR. STD. 40" DIA. S.S. M.H. B

W.L. STA. 7+20-W.L. W-10
 INSTALL 1" X 10" TEE
 1" GATE VALVE
 1" STD. F.H.
 CONIC BLOCKING

W.L. STA. 7+20-W.L. W-10
 INSTALL 1" X 10" TEE
 1" GATE VALVE
 1" STD. F.H.
 CONIC BLOCKING

W.L. STA. 7+20-W.L. W-10
 INSTALL 1" X 10" TEE
 1" GATE VALVE
 1" STD. F.H.
 CONIC BLOCKING

W.L. STA. 6+92-W.L. W-10
 INSTALL 1" X 10" TEE
 1" GATE VALVE
 1" STD. F.H.
 CONIC BLOCKING

W.L. STA. 6+92-W.L. W-10
 INSTALL 1" X 10" TEE
 1" GATE VALVE
 1" STD. F.H.
 CONIC BLOCKING

W.L. STA. 6+92-W.L. W-10
 INSTALL 1" X 10" TEE
 1" GATE VALVE
 1" STD. F.H.
 CONIC BLOCKING

W.L. STA. 6+92-W.L. W-10
 INSTALL 1" X 10" TEE
 1" GATE VALVE
 1" STD. F.H.
 CONIC BLOCKING

W.L. STA. 6+92-W.L. W-10
 INSTALL 1" X 10" TEE
 1" GATE VALVE
 1" STD. F.H.
 CONIC BLOCKING

W.L. STA. 6+92-W.L. W-10
 INSTALL 1" X 10" TEE
 1" GATE VALVE
 1" STD. F.H.
 CONIC BLOCKING

W.L. STA. 6+92-W.L. W-10
 INSTALL 1" X 10" TEE
 1" GATE VALVE
 1" STD. F.H.
 CONIC BLOCKING

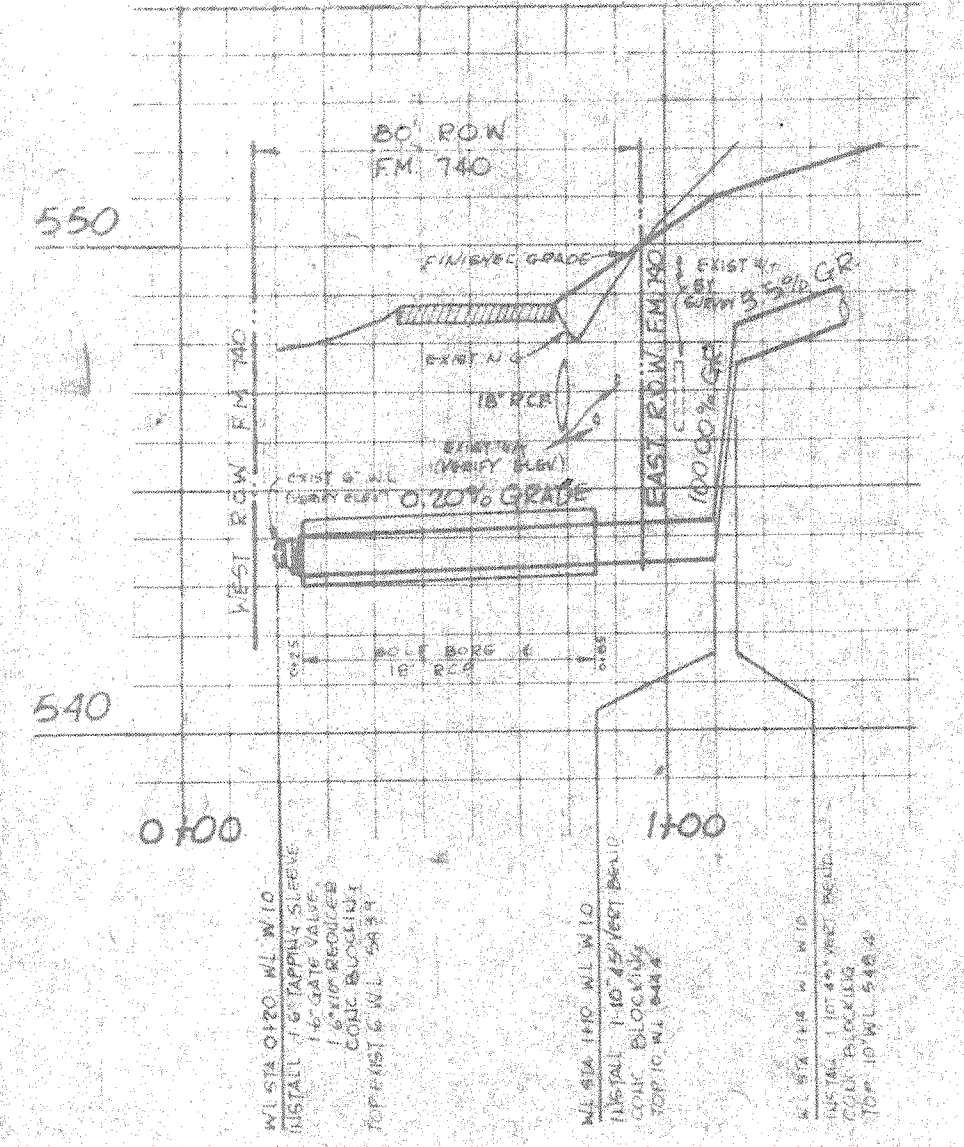
W.L. STA. 6+92-W.L. W-10
 INSTALL 1" X 10" TEE
 1" GATE VALVE
 1" STD. F.H.
 CONIC BLOCKING

W.L. STA. 6+92-W.L. W-10
 INSTALL 1" X 10" TEE
 1" GATE VALVE
 1" STD. F.H.
 CONIC BLOCKING

W.L. STA. 6+92-W.L. W-10
 INSTALL 1" X 10" TEE
 1" GATE VALVE
 1" STD. F.H.
 CONIC BLOCKING

W.L. STA. 6+92-W.L. W-10
 INSTALL 1" X 10" TEE
 1" GATE VALVE
 1" STD. F.H.
 CONIC BLOCKING

1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF ROCKWALL SPECIFICATIONS FOR WATER AND SANITARY SEWER SYSTEMS.
2. WATER AND SANITARY SEWER SYSTEMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ROCKWALL CONSTRUCTION STANDARDS.
3. ALL CONCRETE BLOCKING FOR WATER LINES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ROCKWALL WATER DEPARTMENT STANDARDS.
4. SEWER MAINS SHALL BE 15' DEPTH UNLESS OTHERWISE SPECIFIED.
5. WATER MAINS SHALL BE 18" DEPTH UNLESS OTHERWISE SPECIFIED.
6. WATER MAINS SHALL BE 18" DEPTH UNLESS OTHERWISE SPECIFIED.
7. WATER MAINS SHALL BE 18" DEPTH UNLESS OTHERWISE SPECIFIED.
8. WATER MAINS SHALL BE 18" DEPTH UNLESS OTHERWISE SPECIFIED.
9. FIRE HYDRANTS SHALL CONFORM TO A.W.W.A. SPEC. 1000 AND CITY SPECIFICATIONS.
10. SEWER AND WATER MAINS SHALL BE LOCATED AS SHOWN ON THE PLANS.
11. WATER AND SEWER LINES SHALL HAVE A MINIMUM 1' FEET VERTICAL SEPARATION, OR A MINIMUM 1' HORIZONTAL SEPARATION AS SHOWN ON PROFILE SHEET AT CROSSING.
12. EXISTING UTILITIES ARE INDICATED ON THE PLANS FROM AVAILABLE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY LOCATION OF ALL UTILITIES, TO TAKE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL UTILITIES ENCOUNTERED AND TO NOTIFY THE ENGINEER IMMEDIATELY OF ANY CONFLICTS OF THE WORK WITH EXISTING UTILITIES.
13. EXISTING UNDERGROUND UTILITIES IN VICINITY OF EXISTING UNDERGROUND CONDUITS SHALL BE RECORDED TO CONSTRUCTION CONTRACTOR.
14. TIME - OTHER THAN 8:00 A.M. TO 5:00 P.M.
15. SCHEDULED WORK SHALL BE IN ACCORDANCE WITH THE CITY OF ROCKWALL SPECIFICATIONS FOR WATER AND SANITARY SEWER SYSTEMS.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE CITY OF ROCKWALL.



Note
 CONTRACTOR SHALL UNCOVER
 EXISTING UNDERGROUND TELEPHONE
 LINES AND VERIFY BOTTOM ELEVATION
 PRIOR TO CONSTRUCTION OF 10"
 WATER LINE W-10.

WL W-10 @ FM 740
 SCALE: 1" = 40' HORIZ
 1" = 4' VERT

ROCKWALL TOWNE CENTRE, PHASE I
 WATER & SANITARY SEWER LAYOUT
 CONSTRUCTION, PHASE 1-A
 DUNNING DEVELOPMENT CO
 11500 DUBLAS AVENUE, SUITE 810, DALLAS, TEXAS
 CITY OF ROCKWALL, TEXAS



WICH & ASSOCIATES, INC.
 R.M.G.
 D.W.H.
 JAN 1993
 6