NOTE: CONTRACTOR IS TO VERIFY LOCATION OF EXISTING 10" WATERLINE TO AVOID CONFLICTS DURING CONSTRUCTION.

TOWNSEND DRIVE

STA. 0+26.98 – LINE "B"
INSTALL:
1 – 20" 45° BEND
N.= 7020258.89
E.= 2601644.05

STA. 0+36.98 – LINE "B"=
STA. 0+00 – LINE "C"
N.= 7020259.43
E.= 2601654.04

PROPOSED 20" WATERLINE
LINE "B"

GARY A & JANICE A THOMAS
VOLUME 579, PAGE 265
D.R.R.C.T.

DARLENE HAWK
VOLUME 173, PAGE 311
D.R.R.C.T.

SWITZER PETROLEUM PRODUCTS
VOLUME 579, PAGE 304
D.R.R.C.T.

CLARA COX
VOLUME 1571, PAGE 291
D.R.R.C.T.

STA. 3+50 – LINE "B"
INSTALL:
1 – 20"X6" 60° BEND
1 – 6" FLG. GATE VALVE
1 – FIRE HYDRANT COMPLETE IN PLACE (BLOWOFF)

~~STA. 3+75, 2' LT. – 10" WATER~~
~~INSTALL~~
~~10"X6" TAPPING SLEEVE & VALVE~~
~~FIRE HYDRANT COMPLETE IN PLACE~~

~~STA. 3+95 – LINE "A"~~
~~INSTALL: 1 – 6" COMBINATION~~
~~AIR AND VACUUM RELEASE VALVE~~

METAL AWNING
CONCRETE
GAS PUMP GAS PUMP

1+00 2+00 3+00 4+00

EXIST. R.O.W.
EXIST. TEL.
EXIST. 10" WATERLINE
PROP. ℄ 20" WATERLINE
18" C.M.P.
CHAINLINK FENCE
SIGN
TEL. PED.
IR
PP
N. 48°55'46.76" E.
N. 86°49'34.97" E.
N. 86°55'18.96" E.

STA.. 0+40.14, 24.99' RT.
CONTROL POINT 19
N:7020245.6400
E:2601858.3100
ELEV:548.67'
5/8" INCH ROD

P.I. STA. 1+75.16
N.= 7020267.10
E.= 2601792.01

S.H. 276

ASPHALT
MAIL BOX
30" R.C.P.
24" R.C.P.
BARBED WIRE FENCE
CONC. MON.

STA. 0+00 – LINE "B"=
STA. 29+57.74,
37.59' LT. – LINE "A"
N.= 7020276.62
E.= 2601623.71

PROPOSED 20" WATERLINE
LINE "C"

STA. 1+50 – REMOVE EXIST. 18" CMP CULVERT FOR INSTALLATION OF PROP. 20" WATERLINE. FURMISH AND INSTALL 40 L.F. 18" CMP CULVERT W/2 TXDOT TYPE II PREFABRICATED GALVANIZED STEEL SAFETY END TREATMENTS. MATCH EXIST. DITCH FLOWLINES.

STA. 2+75 – REMOVE EXIST. 18" CMP CULVERT FOR INSTALLATION OF PROP. 20" WATERLINE. FURMISH AND INSTALL 50 L.F. 18" CMP CULVERT W/2 TXDOT TYPE II PREFABRICATED GALVANIZED STEEL SAFETY END TREATMENTS. MATCH EXIST. DITCH FLOWLINES.

STA. 2+75 – REMOVE EXIST. 18" CMP CULVERTS FOR INSTALLATION OF PROP. 20" WATERLINE. FURMISH AND INSTALL 72 L.F. 18" CMP CULVERT W/2 TXDOT TYPE II PREFABRICATED GALVANIZED STEEL SAFETY END TREATMENTS. MATCH EXIST. DITCH FLOWLINES.

!!! CAUTION !!!
UNDERGROUND GAS & TELEPHONE LINE IN PROJECT AREA

MATCHLINE STA. 5+00

N

0 10 20 40
SCALE: 1"=20'

UNDERGROUND UTILITIES

THE LOCATION OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND BASED ON DATA FURNISHED BY UTILITY COMPANIES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND VERIFY ON-SITE THE UTILITIES THAT MAY CONFLICT WITH THE CONSTRUCTION.

STATE OF TEXAS
TED B. SUGG
82775
REGISTERED PROFESSIONAL ENGINEER

0+89.62 – EXIST. 30" RCP
FL= 540.81

EXIST GROUND ℄ CENTERLINE PROP. 20" WATERLINE

3+50 – FURNISH & INSTALL 1 – 6" COMBINATION AIR AND VACUUM RELEASE VALVE

Grade = 2.18%
20" C-905 CLASS 200 PVC WATERLINE

Grade = 0.00%
20" C-905 CLASS 200 PVC WATERLINE

LIMITS OF TRENCHLESS INSTALLATION

STA.	T.P.
0+00	535.00
STA. 0+36.98 LINE "B" = STA. 0+00.00 LINE "C"	535.81
0+50	536.09
0+80	536.77
1+00	537.18
1+50	538.27
2+00	539.35
2+50	540.45
3+00	541.54
VPI STA. 3+50	542.63 ∠ 1.25°
4+00	542.63
4+50	542.63
5+00	542.63

550 545 540 535 530 525 520

0+00 1+00 2+00 3+00 4+00 5+00

RECORD DRAWINGS
These record drawings have been prepared using information provided by the Construction Contractor and/or Owner. The seal and signature below only signifies that the plans have been revised in accordance with the information provided and do not guarantee that these plans accurately show every detail of the constructed project.
Signature Date

NO.	DATE	REVISION	APPROV.
4			
3			
2			
1	2/27	RECORD DRAWING	

CITY OF ROCKWALL
"THE NEW HORIZON"

TOWNSEND DRIVE

20" WATERLINE – LINE "B"
STA. 0+00 TO STA. 5+00

Turner Collie & Braden Inc.
ENGINEERS • PLANNERS • PROJECT MANAGERS

Unit	A123	Scale Horz.	1"=20'	Date	FEBRUARY, 2001
		Vert.	1"=5'		
Designed	VVS	Checked	TBS	Job No.	15-00925-200
Drawn	GBA	Approved	RCR	Sheet	36 of 72

P:\Rockwall\Townsend Drive\Drawings\Phase1\TownsendWTR PP06.Dgn