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.

STA. 26+96.58, 58.80' LT. – 10" WATER
INSTALL:
1 – 10"X8" TAPPING SLEEVE & VALVE
1 – 8" 90° FLG. BEND
1 – FIRE HYDRANT COMPLETE IN PLACE
1 – 8" FLG. GATE VALVE

STA. 27+05.91, 59.17' LT. – 10" WATER
INSTALL:
1 – 10"X8" TAPPING SLEEVE & VALVE
98 L.F. 8" WATERLINE
1 – 8" FLG. PLUG

STA. 27+73.79, 37.5' LT. – LINE "A"
INSTALL :
1 – 20" CLOSURE SLEEVE

P.I. STA. 28+08.15
N.= 7020444.20
E.= 2601608.82

PROPOSED 20" WATERLINE
LINE "A"

STA. 29+29.63, 37.5' LT. – LINE "A"
INSTALL:
1 – 20"X8" TEE
1 – 8" 90° FLG. BEND
1 – FIRE HYDRANT COMPLETE IN PLACE
1 – 8" FLG. GATE VALVE

PIPE CURVE DATA
R = 862.59'
Δ = 22°04'25" RT.
T = 168.25'
L = 332.32'

STA. 29+39.25, 37.5' LT. – LINE "A"
INSTALL:
~~1 – 20"X10" 60° BEND~~
1 – 20"X10" 60° BEND
1 – 10"X10" TAPPING SLEEVE & VALVE
12 L.F. 10" WATERLINE
1 – 10" FLG. GATE VALVE

PIPE P.T. STA. 29+57.74,
37.59' LT. – LINE "A"=
STA. 0+00 LINE "B"
INSTALL:
1 – 20" 45° BEND
N.= 7020276.62
E.= 2601623.71

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PROPOSED 20" WATERLINE
LINE "C"

STA. 0+00 – LINE "C"=
STA. 0+36.98 – LINE "B"
INSTALL:
1 – 20"X 20" TEE
3 – 20" FLG. BUTTERFLY VALVES
N.= 7020259.43
E.= 2601654.04

STA. 0+50 – LINE "C"
INSTALL:
90 LF 30" STEEL CASING
BY BORE

STA.1+00.19 – LINE "C"
INSTALL:
1 – 20" 45° BEND
N.= 7020159.40
E.= 2601659.58

STA. 1+30.19 – LINE "C"
INSTALL:
1 – 20" 45° BEND
N.= 7020139.87
E.= 2601636.81

STA. 1+72.19 – LINE "C"
INSTALL:
1 – 20"X20" TEE
1 – 20" FLG. BUTTERFLY VALVE
1 – 20" FLG. PLUG
CONNECT TO EXIST. 20" WATERLINE.
N.= 70201140.41
E.= 2601591.93

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

~~STA. 1+16.17 – LINE "B"~~
~~INSTALL:~~
~~1 – 20" 45° BEND~~
~~N.= 7020129.92~~
~~E.= 2601625.81~~

~~STA. 1+60.90 – LINE "B"~~
~~INSTALL:~~
~~1 – 20" TRUN~~
~~CONN. TO EXIST. PIPE~~
~~N.= 7020115.44~~
~~E.= 2601625.39~~

~~STA. 28+17, 37.5' LT.~~
STA. 29+20, 37.5' LT.
INSTALL
1 – 20"x12" FLG. TEE
1 – 12" FLG. GATE VALVE
1 – 12" FLG. PLUG
~~65 L.F. 12" WATERLINE~~
65 L.F. 12" WATERLINE

0 10 20 40
SCALE: 1"=20'

N

LEGEND
PROPOSED CONCRETE CONSTRUCTION
FUTURE CONSTRUCTION
FUTURE CURB

STATE OF TEXAS
TED B. SUGG
82775
REGISTERED
PROFESSIONAL ENGINEER

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CAMBRIDGE COMPANIES
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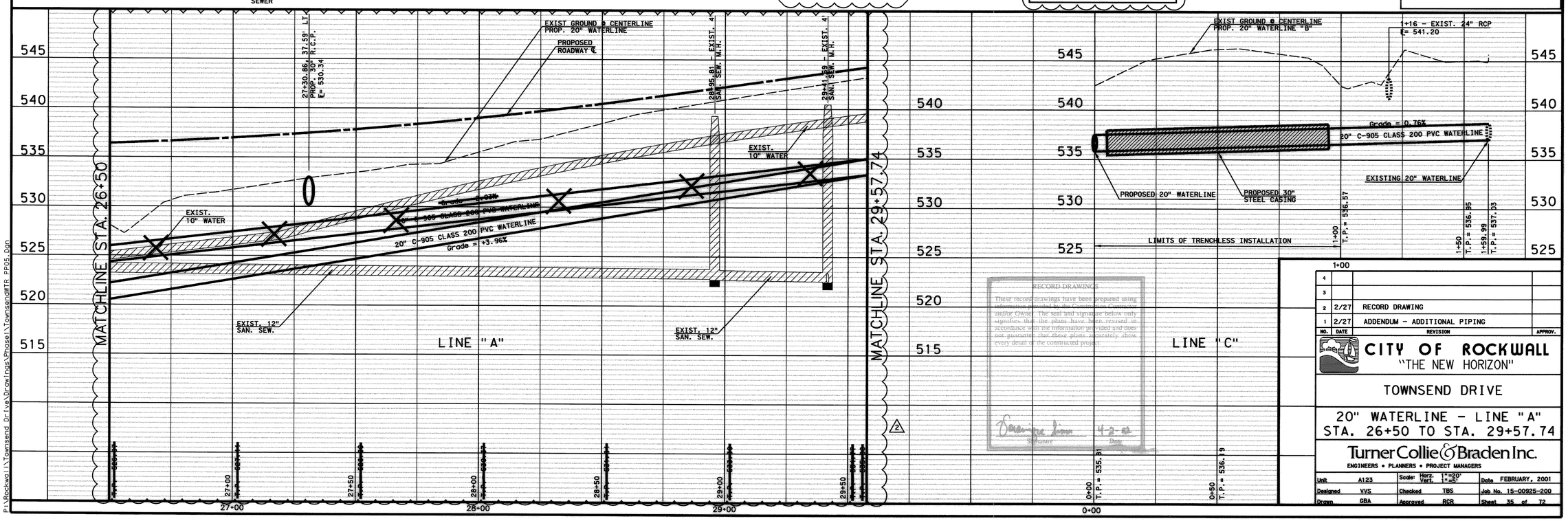
METAL BUILDING
CONCRETE
GRAVEL
BROKEN UP CONCRETE
ASPHALT & BROKEN UP CONCRETE
ASPHALT
BARBED WIRE FENCE
MAIL BOX
SIGN
MH
CONC. MON.
TOWNSEND DRIVE
PROP. ℄ TOWNSEND DRIVE
MATCHLINE STA. 26+50
EXIST. R.O.W.
PROP. R.O.W.
EXIST. TEL.
TEL. PED.
EXIST. 12" SAN. SEW.
EXIST. 10" WATERLINE
PROP. ℄ 20" WATERLINE
PROPOSED STORM SEWER
12" C.M.P.
5'x10' C.B.C.
30" R.C.P.
EXIST. 10" WATERLINE
EXIST. 20" WATERLINE
S.H. 276
N. 03°10'24.97" W.
N. 49°23'54.49" E.
S. 89°18'09.98" W.
PT STA. = 30+26.62
31+26.68
N. 05°04'34.91" W.
N. 27°08'53.95" W.
27+00
28+00
29+00
30+00
31+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 does not guarantee that these plans accurately show every detail of the constructed project.

Signature Date 4-2-02

NO.	DATE	REVISION	APPROV.
4			
3			
2	2/27	RECORD DRAWING	
1	2/27	ADDENDUM – ADDITIONAL PIPING	

CITY OF ROCKWALL
"THE NEW HORIZON"

TOWNSEND DRIVE

20" WATERLINE – LINE "A"
STA. 26+50 TO STA. 29+57.74

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	35 of 72

P:\Rockwall\Townsend Drive\Drawings\Phase1\TownsendWTR PP05.dgn