SCALE: 0 100 200

INSTALL: STA 173+00; 50' LT
1-1"METER BOX
1-1"SERVICE TAP

INSTALL: STA. 173+40.86; 41.50' LT.
1-6" GV
1-8"x6" TEE W/TB
1- FIRE HYDRANT COMPLETE
IN PLACE

INSTALL: STA. 178+40.86; 41.69' LT.
1-6" GV
1-8" GV & B
1-8"x6" TEE W/TB
1- FIRE HYDRANT COMPLETE
IN PLACE

INSTALL: STA 175+34.93; 50' LT
1-1"METER BOX
1-1"SERVICE TAP

INSTALL: STA 177+12.58; 50' LT
1-1"METER BOX
1-1"SERVICE TAP

2 INSTALL:STA 169+35.60; 41.64' LT.
1-8"x6" TEE
1-6" GV & B
2-6" 45° BENDS
2-6" 22.5° BENDS W/TB
W/MJ RESTRAINTS
CONN. TO EXIST.6" WATER LN.
SEE DETAIL "B" SHEET 30

INSTALL: 8" P.V.C.
CL. 150 WATERLINE

1 73 LF OF 16"
STEEL CASING
BY OPEN CUT

INSTALL: STA. 168+54.24: 41.55' LT.
1-6" GV
1-8" GV & B
1-8"x6"TEE W/TB
1- FIRE HYDRANT COMPLETE
IN PLACE

EXIST. 6" WATER
PLUG VALVE
LAKE SHORE DR.
Retaining Wall
Gate
Concrete Flume
Asphalt Pavement
R.O.W.
Walls
Concrete Box
Concrete Pad
Power Pole
Guy
Sign
RR crossing
Fence
Overhead Power Line
Underground Power Line
Underground Telephone Line
Underground Gas Line
Underground Water Line
Underground Sewer Line
Underground Cable TV Line
Underground Fiber Optic Line
Underground Electric Line
Overhead Telephone Line
Overhead Electric Line
Overhead Cable TV Line
Overhead Fiber Optic Line
Control Box
Railroad Control Box
RAILROAD SIGNAL BOX
Hydrant
Meter
Manhole
Sanitary Sewer Manhole
Storm Sewer Manhole
Telephone Manhole
Electric Manhole
Cable TV Manhole
Fiber Optic Manhole
Water Valve
Gas Valve
Sanitary Sewer Cleanout
Storm Sewer Cleanout
Telephone Cleanout
Electric Cleanout
Cable TV Cleanout
Fiber Optic Cleanout
Water Cleanout
Gas Cleanout
Water Meter
Gas Meter
Electric Meter
Telephone Meter
Cable TV Meter
Fiber Optic Meter
Water Well
Monitoring Well
Irrigation Well
Pump Station
Tank
Tower
Oil Well
Mailbox
Sign
Light Pole
Traffic Signal Box
Traffic Signal Pole
Flag Pole
Bench
Trash Can
Vending Machine
Fire Department Connection
Post
Bollard
Tree
Shrub
Palm Tree
Conifer Tree
Deciduous Tree
Stump
Cactus
Boulder
Rock Outcrop
Fence
Wall
Building
Pool
Spa
Fountain
Pond
Lake
River
Stream
Creek
Ditch
Culvert
Bridge
Dam
Levee
Jetty
Pier
Dock
Boat Ramp
Boat Lift
Boat Slip
Boat Mooring
Boat Anchor
Boat Buoy
Boat Marker
Boat Navigation Light
Boat Navigation Sign
Boat Navigation Buoy
Boat Navigation Marker
Boat Navigation Light
Boat Navigation Sign
Boat Navigation Buoy
Boat Navigation Marker

170+00
℄ FM 740
175+00
PROPOSED 16" WATER
(SEE SHEET 17)
UG/P
16"W
4"G
6"W
8"W
41.50'
PC 170+20.3025
PT 170+48.9029
PT 173+96.3072
PC 176+84.7001
PT 177+12.58
PI STA 170+95.5453
X = 2318311.4065
Y = 453016.5888
△ = 37° 29'19.41" RT.
D = 6° 00'00.00"
T = 324.0502'
L = 624.8121'
R = 954.9297'
PI STA 176+84.7001
X = 2318546.3648
Y = 453582.1691
△ = 7° 42'57.68" LT.
D = 6° 00'00.00"
T = 64.3976'
L = 128.6004'
R = 954.9297'
PP 1-12-14
B-5
EXIST. 6" SEWER W/100' CASING
SEE INSET "A"
N 14° 55'45.57" W
MATCH LINE STA 166+00
MATCH LINE STA 179+00
DGNO RAILROAD
PC 167+28.67
Control Box
RAILROAD SIGNAL BOX
INSTALL: 8" P.V.C.
CL. 150 WATER LINE
W/77LF 16" STEEL
CASING BY JACK & BORE

EXIST. 8"
20'
45° BEND
CUT & PLUG
23'
45° BEND
5'-7"
45° BEND
45° BEND
3'
NEW 8"

INSET "A"

PROP. 8" WATER
PROP. 16" STEEL CASING BY JACK & BORE
INSTALL:STA 168+39.89; 41.55' LT.
1-8" 90° BEND W/TB
INSTALL: STA 168+39.89; 44.12' RT.
1-16"x8" TS&V W/TB
1-TB
EXIST. 16" WATER
16"W

NOTE:
ABANDON EXISTING 6" WATERLINE IN PLACE.

RECORD DRAWING
VERIFIED BY Voranique Simon
DATE 4-20-00

1 REVISION #1:
CASING INSTALLATION TYPE ADDED

2 REVISION #2:
CONN OF EXIST.6" WATER TO 8" WATER WAS MOVED

3 RECORD DRAWING

PROP.8" 90° BEND
STA 168+44.90: 40.45' LT.
CONN. PROP.8" WATER
TO EXIST. 16" WATER
STA 168+44.90: 59.23' RT.
STA. 168+39.89
X-ING TELEPHONE LINE
EXIST. 6" SEWER CASING STA 168+88.34
TYPE "C" 1 GRATE STA 169+35
T.O.P. EL= 500.27
STA. 176+29.03
X-ING TELEPHONE LINE
EXIST. GRD. LT. EP
PROPOSED GRADE @ EP
EXIST. GRD @ 16" WATER
5 MIN. COVER
MATCH POINT
77 L.F.
16" STL. CASING
24" MIN. COVER
73 LF OF 16" STEEL CASING
PROPOSED 8" WATER LINE AT TOP OF PIPE
EXIST. GRD LT EP
PROPOSED GRADE @ EP
5' MIN. COVER
PROPOSED 8" WATER LINE AT TOP OF PIPE
FIELD VERIFY ELEV. OF EXIST. 16" WATER
T.O.P. EL= 489.17
T.O.P. EL= 490.45
FL= 493.00
T.O.P. EL= 492.05
T.O.P. EL= 494.93
T.O.P. EL= 505.44
T.O.P. EL= 509.85
T.O.P. EL= 513.85
T.O.P. EL= 517.85
T.O.P. EL= 521.84
T.O.P. EL= 529.47
T.O.P. EL= 525.86
T.O.P. EL= 529.27
T.O.P. EL= 531.52
510
500
490
480
530
520
540
166+00
170+00
175+00
179+00

STATE OF TEXAS
VORANIQUE V. SIMON
86881
LICENSED
PROFESSIONAL ENGINEER
4-19-00

STATE OF TEXAS
ROBERT C. REACH
48587
REGISTERED
PROFESSIONAL ENGINEER
4-6-99

CITY OF ROCKWALL
"THE NEW HORIZON"

UTILITY RELOCATIONS
FOR FM 740 WIDENING

UTILITY PLAN AND PROFILE
PROPOSED 8" WATER LINE
STA. 166+00 TO STA. 179+00

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

Unit A103	Scale: Horz. 1"=50' Vert. 1"=5'	Date	JANUARY 1999
Designed TCB	Checked	Job No.	15-97925-100
Drawn TCB	Approved		SHEET 10 OF 31

FILENAME: P:\97925\Civil\Utility\740wp\wp\wp740sp5.dgn
PLOT: 4-24-00