STATE HIGHWAY No. 276

Exist. Asphalt Pavement

EXIST. 20" WATER

Ex. 27"ø RCP

FL.541.21

INSTALL:
1~20"x12" TAPPING SLEEVE & VALVE
1~12" 90° BEND

Ex. 24"ø RCP

S 87°59'03" W 326.53'

30'R

INSTALL:
1~12"x6" TEE
1~6" VALVE
1~F.H.

S 42°59'03" W 64.01'

STA. 1+62.90 LINE A
CONST. 4.0' DIA. M.H.

INSTALL:
1~12" 45° BEND

INSTALL:
1~1" IRRIGATION METER w/DOUBLE CHECK VALVE & BACKFLOW DEVICE

INSTALL 12" WATER

24' FIRE LANE

STA. 3+23

20 UTILITY EASEMENT

PROP. 8"

LINE A

STA. 1+04.90 LINE A
CONST. 4.0' DIA. M.H.

EXIST. 20" WATER

EXIST. 10" WATER

INSTALL:
1~12"x12" TEE
2~12" VALVES
2~12" PLUGS

DOUBLE CLEANOUT

STA. 4+40.00 LINE A
CONST. 4.0' DIA. M.H.

INSTALL:
1~12" 45° BEND
1~12" 90° BEND

67' FIRE LINE

INSTALL 12" WATER

INSTALL:
1~12"x6" TEE
1~6" VALVE
1~F.H.

PROP. 8"

INSTALL:
1~12"x12" TEE
1~12" VALVE
1~8" VALVE
1~8" 45° BEND
1~12" 45° BEND
1~12"x8" RED.

INSTALL:
1~12"x6" TEE
1~6" VALVE

FIRE SPRINKLER RISER ROOM

F.L.552.50

EXIST. 12" WATER

21" RCP

TIPTON ENGINEERING, INC.
6330 Broadway Blvd. ~ Suite C
Garland, Texas 75043, Ph. No. 226-2967

DRAWN	CHECKED	DATE	SCALE	JOB NO.

Melrose Lane

EXIST. 8" SEWER

2" DOMESTIC SERVICE

FINISHED FLOOR 555.50

S 02°00'57" E 260.00'

INSTALL:
1~2" DOM. METER w/DOUBLE CHECK VALVE & BACKFLOW DEVICE

PROP. 8"

LINE A

TOWNSEND

18" RCP

18"ø RCP

STA. 0+60.50 LINE A=
STA. 0+00 LINE B=
CONST.4.0' DIA. M.H.

24' FIRE LANE

INSTALL 8" WATER

20' UTILITY EASEMENT

C-1

LINE B

PROP. 8"

P.C.C. 0+84.95

GATES TO BE INSTALLED FOR FIRE DEPT. ACCESS

INSTALL 8" WATER

S 87°59'03" W 357.00'

REPLACE PAVEMENT PANEL PER CITY OF ROCKWALL STANDARD DETAILS

LANE

INSTALL:
1~21" x8" TAPPING SLEEVE & VALVE

EXIST. 20" WATER

BORE 18 L.F.

C-2

INSTALL:
1~8"x6" TEE
1~6" VALVE
1~F.H.
1~8" PLUG

STA. 1+83.20 LINE B
CONST. 4.0' DIA. M.H.

NORTH

20 10 0 20 40
Scale: 1"=20'

GENERAL NOTES

1. MAINTAIN 5' CLEARANCE AROUND ALL FIRE HYDRANTS.
2. ALL DOMESTIC, FIRE, AND IRRIGATION SERVICES TO HAVE DOUBLE CHECK VALVES AND BACKFLOW PREVENTORS.
3. ALL WATER LINES TO BE CLASS 200 P.V.C.
4. ALL WATER SHALL HAVE BLUE E.M.S. DISKS INSTALLED AT EVERY SERVICE, CHANGE IN DIRECTION, AND VALVES.
5. ALL SANITARY SEWER SHALL HAVE GREEN E.M.S. DISKS AT EVERY SERVICE, MANHOLE, AND CLEANOUTS.

SEE SHEET 6 FOR SANITARY SEWER PROFILES

Bench Mark 1
A Standard U.S.C.&G.S. Disk Stamped 'M 929 1946' Approx. 1.9 miles southeast along State Hwy. 205 from Courthouse at Rockwall to bridge at Buffalo Creek, at the northwest corner of the concrete bridge in the top of the concrete guardrail base approx. 17 feet southwest of the centerline of the highway, and approx. 3 feet southeast of the northwest end of the guardrail base.
Elevation = 524.65
Bench Mark 2
Top of Concrete ROW Marker, approx. 1.6 miles southeast along State Hwy. 205 and then approx. 0.6 miles east along FM 276 to intersection of paved road, at fence corner at southwest quadrant of intersection.
Elevation = 543.10

RECORD DRAWING
8/10/2006

CAUTION !!!
EXISTING UTILITIES

EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION, TO TAKE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION.

CURVE TABLE

CURVE	DELTA	RADIUS	TANGENT	LENGTH
C-1	06°32'17"	744.50'	42.52'	84.95'
C-2	28°08'38"	200.00'	50.13'	98.24'

STATE OF TEXAS
RICHARD HOVAS
58877
REGISTERED PROFESSIONAL ENGINEER
8/10/06

4767WS 01-18-05

WATER & SEWER PLAN
THE LARSEN SCHOOL ADDITION
CITY OF ROCKWALL, TEXAS
TIPTON ENGINEERING, INC.
6330 Broadway Blvd. ~ Suite C ~ Garland, Texas 75043

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
TEI, Inc.	TEI, Inc.	8-2004	1"=20'			7