CAUTION!!

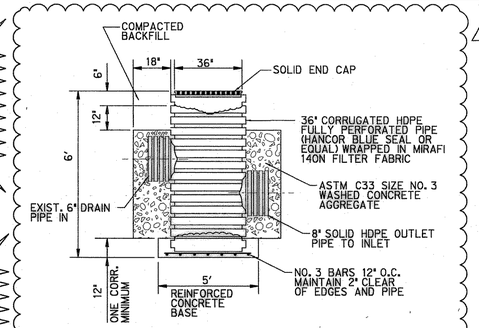
EXISTING WATER LINE & SANITARY SEWER LINE ALONG E. PROPERTY LINE. CONTRACTOR TO USE EXTREME CARE AND CAUTION WHILE WORKING IN THIS AREA. CONTRACTOR SHALL CONTACT THE CITY OF ROCKWALL 48 HOURS PRIOR TO CONSTRUCTION

CAUTION!!

EXISTING SANITARY SEWER LINE ALONG S.E. ROW LINE OF FM 740. CONTRACTOR TO USE EXTREME CARE AND CAUTION WHILE WORKING IN THIS AREA. CONTRACTOR SHALL CONTACT THE CITY OF ROCKWALL 48 HOURS PRIOR TO CONSTRUCTION

CAUTION!!

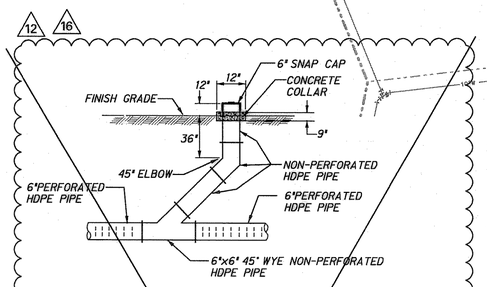
EXISTING UNDERGROUND TELEPHONE LINE ALONG S.E. ROW LINE OF FM 740. CONTRACTOR TO USE EXTREME CARE AND CAUTION WHILE WORKING IN THIS AREA. CONTRACTOR SHALL CONTACT THE CITY OF ROCKWALL 48 HOURS PRIOR TO CONSTRUCTION



FRENCH DRAIN COLLECTOR MH

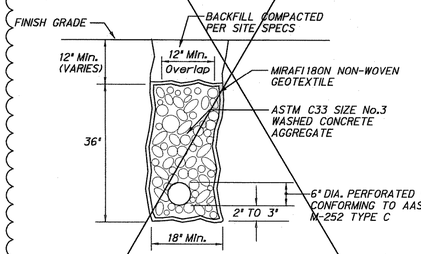
N.T.S.

15



CLEANOUT DETAIL

N.T.S.



TRENCH DRAIN DETAIL

N.T.S.

NOTES:

1. GEOTEXTILE FABRIC SHALL BE PLACED IN TRENCH TO AVOID FOLDS IN MATERIAL AGAINST TRENCH WALL.
2. GEOTEXTILE SHALL MAKE CLOSE CONTACT WITH TRENCH WALL.
3. AGGREGATE DRAIN ROCK SHALL BE LIGHTLY COMPACTED IN PLACE.

F.M. HIGHWAY 740 (RIDGE ROAD)

VIGOR WAY (PRIVATE)

PRIVATE 12" RCP

STA. 0+20 LINE 'A'
END 18" RCP
CONSTRUCT STD. 8' CURB INLET
TC=524.50
FL 18"=520.50
HG=520.85(PF)

STA. 0+00 LINE 'A'
CONNECT TO EXISTING 18" RCP
FL 18"=517.42

STA. 0+71 LINE 'B'
STA. 0+00 LAT. 'B-1'
ENTER 18" RCP
FL 36"=520.51
FL 18"=521.23

STA. 0+00 LINE 'B'
CONNECT TO EXISTING 36" RCP
FL 36"=519.50

STA. 1+89.31 LINE 'B'
P.C.

Δ= 61°52'26"
R= 70.00'
T= 41.95'
L= 75.59'

STA. 2+64.9 LINE 'B'
P.T.

STA. 0+05 LAT 'B-1'
END 21" RCP
CONSTRUCT STD. 6' GRATE INLET
TOP=528.50
FL 524.50
HG=524.94 (PF)

STA. 0+00 LINE 'C'
BEGIN 30" RCP
INSTALL STD. TYPE 'B' HDWL
FL 30"=522.00

INSTALL 8'X8' OF 12" DIA. TO 15" DIA. GROUTED STONE RIP RAP

INSTALL 8'X8' OF 12" DIA. TO 15" DIA. GROUTED STONE RIP RAP

REMOVE & REPLACE EXISTING PAVEMENT AS NEEDED

STA. 0+32 LAT 'C-2'
INSTALL 45° HORIZ. BEND

STA. 2+89 LINE 'C'
INSTALL: 5'X5' Y- INLET
TOP=537.00
LIP=536.00
FL=529.50
HG=531.23(PF)

STA. 1+92 LAT 'C-2'
CONSTRUCT STD. 1-GRATE INLET
TOP=534.50 533.2
FL=530.33 529.1
HG=530.51(PF)

STA. 2+05 LAT 'C-2'
INSTALL NDS 18" CATCH BASIN NO. 1882 WITH GRATE NO. 1815
GRATE=534.00
FL=532.50
HG=(PF)

STA. 2+46 LAT 'B-2'
INSTALL 45° HORIZ. BEND

STA. 1+08 LAT 'B-2'
INSTALL 45° HORIZ. BEND

STA. 4+13 LINE 'B'=
STA. 0+00 LINE 'D'
STA. 0+00 LAT. 'B-2'
INSTALL STD. 5' DIA MH
FL 36" (OUT)=525.36
FL 36" (IN)=525.36
~~*FL 18" (IN)=526.11*~~
~~*FL 6" (IN)=525.48 (HDPE)*~~
~~*(DEFLECT PIPE TO CONNECT TO MH)*~~ 16

STA. 4+25 LINE 'B-2'
END 18" RCP
CONSTRUCT STD. 8' CURB INLET
TC=531.50
FL=527.50
HG=529.99

~~*TO FACE OF WALL*~~
~~*6" NON-PERFORATED HDPE ON 0.50% SLOPE*~~ 12 16

~~*STA. 0+55 LINE 'D'*~~
~~*INSTALL:*~~
~~*6" WYE*~~
~~*6" CLEAN OUT*~~
~~*FL=525.68*~~

~~*STA. 1+30 LINE 'D'*~~
~~*INSTALL:*~~
~~*6" WYE*~~
~~*6" CLEAN OUT*~~
~~*FL=526.05*~~

~~*6" PERFORATED HDPE*~~
~~*23' TO BACK OF CURB*~~

STA. 3+05 LINE 'D'
INSTALL:
6" WYE
6" CLEAN OUT
FL=526.93

STA. 3+05 LINE 'D'
~~*INSTALL:*~~
~~*6" WYE W/CAP*~~
~~*6" CLEAN OUT*~~
~~*FL=527.48*~~ 16

INSTALL:
FRENCH DRAIN COLLECTOR MH
~~*TOP=532.50*~~ *533.6 (0.5' ABOVE FG)*
FL (EX. 6" IN)= 528.0, (VERIFY)
FL (8" SOLID PVC OUT)= 527.50
SEE DTL. THIS SHEET 15 16

2+67
~~*STA. 2+99 LAT 'B-2'*~~
END 36" RCP
CONSTRUCT STD. 15' CURB INLET
TC=531.00
FL=526.88
FL (6" HDPE)= 527.25
HG=528.64 (PF) 14 15

MAINTAIN MIN. 1-FOOT CLEAR ZONE BEHIND CURB (TYP.)

FF=530 FF=533 FF=535

GENERAL NOTES

1. ALL UTILITES ARE SHOWN SCHEMATICALLY AND ARE FOR THE CONTRACTORS GUIDANCE ONLY. THE UTILITIES HAVE BEEN SHOWN BASED ON INFORMATION PROVIDED BY THE CITY OF ROCKWALL. THE CONTRACTOR SHALL VERIFY THE LOCATION OF UTILITIES 48 HRS. PRIOR TO CONSTRUCTION.
2. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO CITY OF ROCKWALL STANDARDS, SPECIFICATIONS AND DETAILS. ITEMS NOT INCLUDED OR ADDRESSED BY CITY OF ROCKWALL STANDARDS SHALL BE IN ACCORDANCE WITH N.C.T.C.O.G. STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST REVISION.

12 **NOTE:**

FOUND EXISTING PERFORATED DRAIN DURING CONSTRUCTION (UNKNOWN DURING DESIGN). NEW PERFORATED DRAIN BEING INSTALLED BECAUSE EXISTING DRAIN IS NOT FUNCTIONING WHICH IS LIKELY CAUSE OF STANDING SURFACE WATER ON S.E. CORNER OF SITE

RECORD DRAWINGS BASED ON FIELD SURVEY (12/05) AND CONTRACTOR INFORMATION ONLY.

Mark W. McGraw 2-8-06

16 02-08-06 RECORD DRAWINGS
5 9/5/05 ADDED FRENCH DRAIN COLLECTOR MH
4 1/23/05 ELIMINATED 26 PARKING SPACES
3 12/27/04 ADDED TRENCH DRAIN (NOT BUILT)
2 11/30/04 REVISED STORM CONFLICT

LEGEND

- EXISTING PROPERTY LINE
- EXISTING EASEMENT LINE
- EXISTING WATER LINE — 6"W —
- EXISTING SANITARY SEWER — 10"SS —
- EXISTING SAN SEWER MANHOLE
- EXISTING STORM LINE
- EXISTING DRAINAGE INLET
- EXISTING POWER POLE
- WATER VALVE
- FIRE HYDRANT
- EXISTING UNDERGROUND TELEPHONE — UT —
- EXISTING TELEPHONE MANHOLE
- PROPOSED WATER LINE — W —
- PROPOSED SANITARY SEWER — 8"SS —
- PROPOSED STORM LINE
- PROPOSED STORM MANHOLE

N

0 10 20 30 40 60 80 120
SCALE IN FEET

RIDGE ROAD TOWN CENTRE
ROCKWALL, TEXAS

Ridge Road Town Centre Partners, L.P.
by its General Partners:
RIDGE ROAD PARTNERS L.L.C.

MARK W. McGRAW 83967 LICENSED PROFESSIONAL ENGINEER
10-26-04

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Project No: AVO # 20817
Issued:

Revisions:		
No.	Date	Description
1	11/04/02	FIRST SUBMITTAL
2	4/28/03	SECOND SUBMITTAL
3	9/29/03	THIRD SUBMITTAL
4	6/9/03	FOURTH SUBMITTAL
5	2/6/04	FIFTH SUBMITTAL
7	10/29/04	SEVENTH SUBMITTAL

Drawn by:
Checked by:
Sheet Title: STORM SEWER PLAN

C5.1
Sheet Number