



NOTE:
OUTFALL STRUCTURE TO BE
STAKED IN THE FIELD, THEN
HAVE CITY ENGINEER APPROVED
LOCATION.

STA. 2+60.00 (40.00' LT.)
TRACTOR TRAIL=
STA. 1+20.00 LINE "6"
CONST. 1-5' STD. CURB INLET
TC = 576.03
FL = 572.03
Hg = 573.97

STA. 2+45.20 (74.88' LT.)
TRACTOR TRAIL=
STA. 0+84.30 LINE "6"
CONST. SLOPED HEADWALL
W/CONCRETE RIP-RAP
FL = 570.33
Hg = 573.90

STA. 5+40.21 (39.96' LT.)
HAYMAKER DRIVE
CONST. 1-5' STD. CURB INLET
TC = 574.47
FL = 570.47
Hg = 571.63

STA. 5+37.68 (41.18' LT.)
HAYMAKER DRIVE=
STA. 0+29.71 LAT "7-A"
CONN. TO INLET

STA. 4+18.21 (63.91' LT.)
ALLEY "12"
STA. 1+51.73 LINE "7"
CONST. SLOPED HEADWALL
W/CONCRETE RIP-RAP
FL = 567.25
Hg = 571.30

STA. 1+83.38 LINE "7"
END 24" RCP ~ BEGIN 18" RCP

STA. 5+12.98
HAYMAKER DRIVE=
PC STA. 2+28.69 LINE "7"

STA. 2+58.79 LINE "8"
STA. 0+00 LAT. "8-A"
INSTALL 60" WYE

STA. 26+41.98 (30.18' LT.)
DEUTZ COURT=
STA. 1+20 LINE "8"
CONST. 1-24" TYPE "B" HDWL
W/CONCRETE RIP-RAP
FL = 564.00
Hg = 568.80

STA. 26+37.00 (30.67' LT.)
DEUTZ COURT=
STA. 1+25 LINE "8"
INSTALL 15" BEND

STORM SEWER CURVE TABLE							
CURVE	RADIUS	DELTA	TANGENT	LENGTH	CHORD	BEARING	
CV-8	150.00'	31°32'18"	42.36'	82.57'	81.53'	S27°26'53"W	
CV-9	65.00'	76°31'47"	51.27'	36.82'	80.51'	S49°56'37"W	
CV-10	150.00'	29°23'51"	39.35'	76.96'	76.12'	S73°30'35"W	
CV-11	70.00'	76°38'38"	55.33'	93.64'	86.81'	N49°53'30"E	
CV-12	65.00'	12°51'08"	7.13'	14.20'	14.17'	S86°48'23"W	
CV-13	65.00'	16°29'09"	9.42'	18.70'	18.64'	N84°49'21"E	

BENCHMARK: ELEV. = 600.69
CITY OF ROCKWALL R-19
BRASS MONUMENT AT THE N/W CORNER OF
SILVERVIEW & DIAMOND WAY, 500' ± SOUTH OF
S.H. 276.

BENCHMARK: ELEV. = 583.56
R.R. SPIKE SET IN THE CENTERLINE OF S.H. 276
3600± WEST OF F.M. 549

STA. 1+40 LINE "8"
END 24" RCP ~ BEGIN 21" RCP

PVI STA. 2+62.79 LINE "8"
END 21" RCP ~ BEGIN 18" RCP

STA. 25+04.20 (5.89' LT.)
DEUTZ COURT=
STA. 0+03.64 LAT. "8-A"
CONN. TO INLET

- LEGEND**
- 730/- EXIST. CONTOURS
 - 724/- PROP. CONTOURS
 - S.S. SANITARY SEWER
 - 100-100 100-YR FLOW
 - TC TOP OF CURB
 - FL FLOW LINE
 - EW END OF WALL
 - 80°0 EXIST. SPOT ELEVATION
 - FLOW ARROW
 - ⊙ STORM STATION

THESE CONSTRUCTION PLANS WERE PREPARED
UNDER THE RESPONSIBLE SUPERVISION OF
MD. NAIM UDDIN KHAN, REGISTERED PROFESSIONAL
ENGINEER NO. 87776.

THE SEAL APPEARING ON THIS
DOCUMENT WAS AUTHORIZED BY
MD. NAIM UDDIN KHAN, P.E. #87776

Winkelmann & Associates, Inc. hereby states that this
plan, to the best of our knowledge is "As Built."
Modifications from the originally approved construction
documents have been made as per information provided by
the contractor. It is the responsibility of the contractor to
verify all to the correctness or quality of construction as no
field inspection was performed.

NO.	DATE	REVISION	APPROV.
7/27/04		CHANGE INLET TYPE	N.K.

Winkelmann & Associates, Inc.
CONSULTING CIVIL ENGINEERS & SURVEYORS
6750 Wilshire Blvd., Suite 100
Dallas, Texas 75220
(972) 492-2000 FAX

LOFLAND FARMS, PHASE 5B
W.H. BAIRD SURVEY, ABSTRACT NO. 25
CITY OF ROCKWALL
ROCKWALL COUNTY, TEXAS

D. R. HORTON
4306 MILLER ROAD, SUITE A
ROWLETT, TEXAS 75088

STORM SEWER PLAN
LOFLAND FARMS, PHASE 5-B

Scale: H: 1"=50' Date: 07/27/04
Designed By: RB
Drawn By: MS
Checked By: NK
File: 32004-5BSTM2.DWG
Project No.: 32004-00

SHEET
14
OF
28

100 YR FLOW					
AREA DESIGNATION	AREA (ACRES)	C	Tc (MIN)	I ₁₀₀ (IN/HR)	Q ₁₀₀ (CFS)
X	0.20	0.50	10	9.80	0.98