N 7017875.26
E 2595836.14

N 7018628.21
E 2596533.79

N 7018984.57
E 2596785.33

EX. 15' WATER LINE ESM'T

30' DRAINAGE EASEMENT
VOLUME 46 PAGE 251

DECELERATION LANE

GRAPHIC SCALE

60 0 30 60 120 240

(IN FEET)
1 inch = 60 ft.

25' ACCESS & DRAINAGE ESM'T

ROCKWALL BUSINESS PARK
EAST PHASE THREE
LOT 1 BLK. C

40' ACCESS & DRAINAGE ESM'T

N 7017755.97
E 2595895.07

N 7017976.79
E 2596104.72

SECTION A–A
(NTS)

MATCH EXISTING CURB GRADE

GALV. #3 x #
BEARING BARS W/
CROSS BARS @
4"O.C

#3 x #3 x 140" W/ 2
x 3 H STUDS @
2'-0" O.C. ZINC
PAINTED

3 BAR @ 18" O.C.E.W

MIMS ROAD

PROPOSED 1'WIDE CHANNEL

DOLLAR TREE

PETSMART

CIRCUIT CITY

BED, BATH & BEYOND

MAXX

PBA

BR: "C–2"

BR: "E–6"

BR: "E–5"

LINE : "A"

LINE : "B"

LINE : "C"

LINE : "D"

LINE : "E"

LINE : "F"

LINE : "G"

LINE : "H"

S49°25'47"E
270.03'

N 7017862.37
E 2596415.28
C–2–4: STA.3+94.65=
STA: 0+00.00
CONST:
LATERAL

N 7017855.61
E 2596397.10
C–2–5:STA.4+14.05
CONST:
1–3X3 WYE INLET
THROAT EL= 558.27
HGL EL = 557.58

N 7017899.67
E 2596515.44
C–2–3:STA: 2+87.77=
STA: 0+00.00
CONST:
LATERAL

N 7017950.51
E 2596651.97
STA.1+42.08 PT

N 7017951.77
E 2596655.32
C–2–2:STA.1+38.51=
STA:0+00.00
CONST:
LATERAL

N 7017670.08
E 2596596.60
B–5: 3+81.65
CONST:
END & PLUG

N 7017570.1120
E 2596533.6263
A–1: STA:1+94.73
CONST:
1–20" CURB INLET
NORM. GUTTER EL = 552.04
HGL EL = 548.06

N 7017650.99
E 2596618.94
B–4: 3+50.09
CONST:
1 GRATE INLET
(30.5x30.5)
TOP EL = 549.32
HGL EL = 548.26

N 7017527.63
E 2596575.23

N 7017649.8866
E 2596709.4738
A–0:STA.0+00
CONST:
CONNECTION
HGL EL = 544.38

N 7017649.8866
E 2596709.4738
A–0:STA.0+00
CONST:
CONNECTION
HGL EL = 540.91

N 7017663.7890
E 2596727.2816
H–1:STA.0+22.59
CONST:
CONNECTION TO
EXIST. WYE INLET

N 7017748.85
E 2596726.94
B–3: STA. 2+03.69
CONST:
LATERAL

N 7017802.1778
E 2596932.1911
G–0: STA.0+00
CONST:
TYPE B HDWL.

N 7017777.85
E 2596956.51

STA 2+62.00 S.D. LINE "K–B"
+56.89 LT.ST. STA 60+12.80
6.5' x 1' INLET
W/ CONCRETE APRON
TOP = 541.58
THROAT = 540.50
FL = 535.00

N 7017979.65
E 2596292.43
C–2–4–A: STA.1+69.83
CONST:
1–3X3 WYE INLET
THROAT EL =561.13
HGL EL = 558.45

N 7018046.1477
E 2596360.2949
C–6: STA. 7+82.95
CONST:
BEND

N 7018041.1858
E 2596365.8990
C–7: STA.7+87.92
CONST:
5' CURB INLET
NORM. GUTTER EL =560.85
HGL EL = 559.79

N 7017909.8442
E 2596479.9627
C–2–3–A:STA.0+34.28
CONST:
1–10' CURB INLET
NORM. GUTTER EL =556.44
HGL EL = 555.11

N 7017962.8518
E 2596617.6632
C–2–4:STA.0+36.82
CONST:
1–5' CURB INLET
NORM. GUTTER EL =554.33
HGL EL = 552.68

N 7018021.6555
E 2596723.5692
C–2–1–A:STA.0+48.24
CONST:
1–10' CURB INLET
NORM. GUTTER EL =552.72
HGL EL = 551.68

N 7018206.3945
E 2596517.4827
C–5: STA.5+62.20=
STA.0+00.00
CONST:
LATERAL

N 7018212.4342
E 2596523.2123
C–4:STA.5+53.97
CONST:
BEND

N 7018201.3851
E 2596517.5941
C–5–1: STA.0+05.00
CONST:
1–5' CURB INLET
NORM. GUTTER EL =560.71
HGL EL = 558.72

N 7018210.01
E 2596570.93
C–3: STA.5+06.19
CONST:
45° BEND

N 7018089.2056
E 2596837.8246
E–5–4:STA.2+92.84
CONST:
LATERAL

N 7018100.5173
E 2596848.6233
E–5–3:STA.2+77.20
CONST:
LATERAL

N 7018012.37
E 2596779.64
C–2: STA.2+18.75=
STA.0+00.00
CONST:
1–4" DIA. MANHOLE
TOP EL =552.84
HGL EL = 549.34

2+92.84

N 7018008.12
E 2596772.55
C–2–1:STA.0+08.26
CONST:
LATERAL

N 7017864.28
E 2596545.76
B–1: STA. 0+38.04
CONST:
GRATE INLET
(54"x54")
TOP EL = 546.81
HGL EL = 544.83

N 7017749.7802
E 2596693.1457
B–3–1: 0+33.81
CONST:
END & PLUG

N 7017825.8541
E 2596763.7098
B–2–1: 0+40.41
CONST:
END & PLUG

N 7017897.1198
E 2596843.3429
B–1–1: 0+32.93
END & PLUG

N 7018086.7286
E 2596847.9027
E–5–3–A:STA.0+12.70
CONST:
1–5' CURB INLET
NORM. GUTTER EL =551.82
HGL EL = 550.40

N 7018428.44
E 2596744.06
E–6–2: STA. 3+60.52
CONST:
1–5' CURB INLET
NORM. GUTTER EL =559.06
HG ELEV. = 555.45

N 7018212.4342
E 2596523.2123
C–4:STA.5+53.97
CONST:
BEND

N 7018445.0096
E 2596735.9191
E–6–1–A: STA.0+27.79
CONST:
1–5' CURB INLET
NORM. GUTTER EL =557.51
HG ELEV. = 554.13

N 7018605.34
E2596859.77
E–7–1: STA.0+35.61
CONST:
1–3X3 WYE INLET
THROAT EL =555.00
HG ELEV= 551.76

N 7018644.92
E 2596884.77
E–8: STA.10+61.47
CONST:
WYE INLET
THROAT EL =553.28
HG ELEV. =551.57

N 7018580.27
E 2596883.06
E–7: STA.9+96.81
STA.0+00.00
CONST:
LATERAL

E–6–1: STA.1+17.25
CONST:
LATERAL

N 7018441.68
E 2596885.68
E–6: STA.8+58.22
STA.0+00.00
CONST:
1–4' DIA. MANHOLE
TOP EL = 553.03
HGL EL = 549.56

N 7018419.0632
E 2597040.7342
E–4–1:STA.0+17.41
CONST:
1–5' CURB INLET
NORM. GUTTER EL =548.60
HGL EL = 546.76

N 7018464.1837
E 2597083.4654
STA: 4+92.32 PC

N 7018283.0020
E 2596997.9437
E–5–1–A:STA.0+23.60
CONST:
1–5' CURB INLET
NORM. GUTTER EL =550.00
HGL EL = 549.10

N 7018193.7359
E 2596837.6127
STA.1+48.33 PT

N 7018189.4738
E 2596833.5437
E–5–2:STA.1+54.22=
STA.0+00.00
CONST:
LATERAL

N 7018308.2080
E 2596853.9602
STA.1+26.77 PC

N 7018422.08
E 2597059.81
E–4: STA.5+41.10 PT
STA.0+00.00
CONST:
LATERAL

N 7018305.90
E 2597027.92
E–3: STA.8+51.58=
STA.0+00.00
CONST:
1–48" DIA. MANHOLE
TOP EL = 549.50
HGL EL = 547.69

N 7018287.75
E 2597022.94
E–5–1:STA.0+18.82=
STA.0+00.00
CONST:
LATERAL

STA.0+19.03 PC

STA.0+82.83 PT

N 7018096.45
E 2597256.69
STA.0+82.83=
STA.0+00.00
CONST:
GRATE INLET
(42"x42")
TOP EL = 543.40
HGL EL = 541.76

N 7018130.9887
E 2597245.3531
D–1–1: STA.0+36.38
CONST:
END & PLUG

N 7018285.02
E 2597327.50
F–1: STA.0+39.93
CONST:
GRATE INLET
(35.5"x35.5")
TOP EL = 542.11
HGL EL = 540.98

N 7018464.1139
E 2597257.2382
E–1–1:STA.0+56.42
END & PLUG

N 7018438.18
E 2597324.08
STA: 1+50.37 PT

N 7018369.19
E 2597165.77
E–1–1:STA.0+12.11
CONST:
1–3X3 WYE INLET
THROAT EL = 547.85
HG ELEV =545.52

N 7018572.61
E 2597185.63
E–2:STA.3+43.34=
STA.0+00.00
CONST:
1–4' DIA. MANHOLE
TOP EL = 547.30
HGL EL = 543.74

N 7018660.77
E 2597174.46
E–3: STA.3+59.61=
STA.0+00.00
CONST:
LATERAL

N 7018479.5159
E 2597281.5110
E–1: STA.2+09.70
CONST:
LATERAL

N 7018348.20
E 2597377.47
STA: 0+44.50 PC

N 7018305.3123
E 2597399.5724
E–0:STA.0+00.00
CONST:
TYPE B HEADWALL

N 7018273.65
E 2597365.78
F–0:STA.0+00.00
CONST:
TYPE B HEADWALL

N 7018107.1854
E 2597336.6229
D–0:STA.0+00.00
CONST:
TYPE B HEADWALL

N 7017941.92
E 2597110.36
D–2:STA.2+95.46=
STA.0+00.00
CONST:
GRATE INLET
(42"x42")
TOP EL = 546.13
HGL EL = 545.21

N 7017856.7052
E 2597076.3163
D–1: STA.1+54.10
CONST:

N 7017946.51
E 2597072.53
D–3: STA.3+33.56
CONST:
END & PLUG

N 7017973.73
E 2597113.19
D–2–1:STA.0+31.94
CONST:
END & PLUG

N 7017845.6772
E 2596893.5168
C–0:STA.0+00.00
CONST:
TYPE B HEADWALL

N 7017897.82
E 2596900.61
C–1:STA.0+52.15
CONST:
45° BEND

N 7017823.77
E 2596804.06
B–2: STA. 0+96.17
CONST:
LATERAL

N 7017832.16
E 2596866.14
B–3:STA.0+00.00
CONST:
TYPE B HEADWALL

N 7017892.7
E 2597007.1
CONST:
TYPE B HEADWALL

PROP. DETENTION POND # 1
17,800 S.F.

DETENTION POND # 2

CONC. PILOT CHANNEL

RALPH HALL PARKWAY

BENCHMARKS:

B.M. = SQUARE CUT TOP OF CURB CENTER OF CURB INLET N. SIDE OF RALPH HALL PKWY. & 325'± EAST OF MIMS ROAD (45'± W. OF W. PROPERTY LINE)
ELEV = 549.34

B.M. = SQUARE CUT TOP OF CURB CENTER OF CURB INLET N. SIDE OF RALPH HALL PKWY. & 1530'± EAST OF MIMS ROAD (65'± W. OF E. PROPERTY LINE)
ELEV = 540.41

B.M. = SQUARE CUT ON CONC. BASE OF OVERHEAD SIGN, 16'± N. OF N. EDGE OF I.H. 30 EASTBOUND SERVICE ROAD & 1600'± W. OF MIMS RD. (82'± W. OF E. PROPERTY LINE).
ELEV = 564.23

B.M. = CITY OF ROCKWALL MONUMENT "R07" - BRASS DISK IN CONC., 47'± S. OF CENTERLINE OF I.H. 30 EASTBOUND SERVICE RD. & 105'± E. OF CENTERLINE OF MIMS RD.
ELEV = 566.31

CURVE TABLE

CURVE #	RADIUS	LENGTH	RADIUS POINT NORTHING	RADIUS POINT EASTING
LINE: "C"				
CC–1	750	130.23	7018653.37	2596390.24
LINE: "F"				
EC–1	200	105.86	7018294.69	2597184.76
EC–2	100	48.78	7018395.60	2597156.25
EC–3	100	63.80	7018308.64	2596821.27
EC–4	150	21.56	7018653.37	2596390.24

GENERAL NOTES

1. NORTHING & EASTING FOR STRUCTURE ARE SHOWN AS FOLLOWS:
   A. CURB INLETS: THE FACE OF STRUCTURE
   B. WYE INLET, GRATE INLET AND MANHOLES CENTRE OF THE STRUCTURE
2. PIPES: THE INTERSECTION OF CENTRELINES OF PIPES
3. ALL UTILITIES ARE TO TERMINATE NOT LESS THAN 5' AWAY FROM THE BUILDING.
4. CONTRACTOR TO FIELD VERIFY THE FLOW LINE ELEVATION WHEN TYING TO EXISTING SYSTEM.
5. CONTRACTOR TO CALL PROPER AUTHORITIES BEFORE DIGGING
6. ALL STORM DRAINGE PIPES ARE RCP CLASS III UNLESS OTHERWISE NOTED
7. GROUTED RIP–RAP TO BE PLACED AT ALL OUTFALL STRUCTURES.
8. CONCRETE PILOT CHANNEL TO 0.3 %(MIN).

LEGEND

EXISTING		PROPOSED
	STORM SEWER PIPE	
⊗	GRATE INLET(GI)	■
▭	CURB INLET(CI)	▬
⊠	WYE INLET(YI)	⊠
○	MANHOLE(MH)	◘
555	MAJOR CONTOUR @ 5'	555
555	MINOR CONTOUR @ 1'	555

REVISED TO CONFORM TO CONSTRUCTION RECORDS.
DATE: 5/31/06

SEE SHEET C–7A FOR OFFSITE STORM CONTINUATION

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY W.L. DOUPHRATE II TEXAS P.E. NO. 60102 ON 5/31/06

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ENGINEERING • PROJECT MANAGEMENT • SURVEYING
2235 RIDGE RD., # 200 ROCKWALL, TEXAS 75087
PHONE: (972)771–9004 FAX: (972)771–9005

STORM SEWER PLAN
ROCKWALL CROSSING
CITY OF ROCKWALL
ROCKWALL COUNTY, TEXAS

REVISION	
W.L.D.	
CHECKED	
K.E.B.	
DRAWN	
10/15/04	
DATE	
0242	
PROJECT	