1+47.54, 2.08' LT
TC 460.74

1+23.12, 29.0' LT
TC 459.89

1+71.32, 19.54' LT
TC 460.41

1+96.40, 15.01' LT
TC 460.59

4+10.00 END CURB LT
TC 466.39
TP 465.89

2+23.69, 15.5' LT
TC 460.79

INSTALL 5' SIDEWALK
ALONG OPEN SPACE

PVG. STA. 4+30.00, 25' LT
CONST. 4' WYE INLET
TOP=464.81
LIP=463.81
FL=459.81

0+71.79 CR LT
TC 459.20

1+23.12, 5.0' LT
TC 460.39

INSTALL 138 SY 9"-5000 psi CONC.
W/8" LIME STABILIZED SUBGRADE
(MIN 6.5 SACK FOR MACHINE PLACE
AND 7.0 SACK FOR HAND PLACE)

5+78.72 PC LT
TP 473.65

SENEY DR

4+60.05

DITCH ℄

15' D.E.

50' TRANSITION

2+00

3+00

4+00

5+00

6+00

7+00

8+00

9+00

10+00

11+00

10' BFR

1+00

0+83.53, 5.0' LT
TC 459.86

0+73.12 PC

0+83.53, 5.0' RT
TC 460.28

2+18.78 PT

2+16.97, 15.49' RT
TC 460.74

Δ= 33°22'56"
R= 250.00'
L= 145.66'
T= 74.96'

1+47.73, 1.75' RT
TC 460.74

1+53.87, 25.14' RT
TC 560.28

1+28.30, 29.0' RT
TC 460.03

1+28.30, 5.0' RT
TC 460.53

3+71.06 PC

4+10.00 END CURB LT
TC 466.39
TP 465.89

PVG. STA. 4+00.00, 27' RT
CONST. 4' WYE INLET
TOP=464.51
LIP=463.51
FL=459.51

6+11.39 LIFE SPRINGS DR.
0+00.00 SENEY DR.

Δ= 22°27'21"
R= 825.00'
L= 323.34'
T= 163.77'

4+60.05

DITCH ℄

0+71.26 CR RT
TC 459.69

0+00.00 LIFE SPRINGS DR.
257+40.27 JOHN KING BVLD

257.00'

JOHN KING BVLD

SAWCUT 108 L.F. CONC. PVMT
CONST. LONGITUDINAL
BUTT JOINT

6+94.40 PT

LIFE SPRINGS DRIVE

9+56.78 PC

PVG. STA. 11+85.78, 27.5' LT
CONST. 4' WYE INLET
WITH 2' CONCRETE APRON
TOP=482.77
LIP=481.77
FL=477.77

Δ= 22°26'02"
R= 1323.00'
L= 518.01'
T= 262.37'

12+00.00 MATCH LINE

PVG. STA. 6+42.84, 27.5' LT
CONST. 4' WYE INLET
WITH 2' CONCRETE APRON
TOP=474.40
LIP=473.40
FL=469.40

6+44.05 PC LT
TP 476.66

TYPICAL PAVEMENT SECTION (31' B-B)
N.T.S.

50' ROW
9.5' 31' B-B 9.5'
1.0' 1/4"/FT
6" - 3600 psi REINF. CONC. PVMT. #3 BARS 24" O.C.B.W.
6" CROWN
5' 2' TYP
6"-7 1/2% LIME STABILIZED SUBGRADE OR AS REQUIRED TO REDUCE P.I. TO LESS THAN 15. MIN. 95% STANDARD DENSITY

SCALE: 1" = 40'

NOTE:
SEE SHEET 7 FOR TYP. 28' PAVING SECTION

78' ROW TYPCAL PVMT.
N.T.S.

39.0' 39.0'
10' 24' B-B 5.0' 5.0' 24' B-B 10'
1.0' 1/4"/FT
6" - 3600 psi REINF. CONC. PVMT. #3 BARS 24" O.C.B.W.
5' 2'
6"-7 1/2% LIME STABILIZED SUB-GRADE OR AS REQUIRED TO REDUCE P.I. TO LESS THAN 15.

LOCATION MAP

NATURAL GROUND @ R.O.W. RT.
NATURAL GROUND @ R.O.W. LT.
DITCH RT & LT
DITCH @ 1.80%
DITCH @ 1.00%
DITCH @ 4.60%
S=1.80%
S=1.00%
S=4.60%
S=0.72%
S=1.35%
COMPACTED FILL 95%
4' WYE INLET

0+46.41 PI LT TC 458.70
0+71.79 CR LT TC 459.20
TC=459.58
1+50.00 PVI LT TC 460.26 (NO VC)
2+20.00 PVC LT TC 460.75
3+00.00 PVI LT TC 462.11 (461.33)
3+80.00 PVT LT TC 465.01
4+10.00 END CURB LT TC 466.39 TP 465.89
4+30.00 TP 465.89 DITCH=463.81
0+46.41 PI RT TC 459.20
0+71.26 CR RT TC 459.89
TC=459.90
TC=460.61
2+20.00 PVC RT TC 460.75
3+00.00 PVI RT TC 462.11 (461.33)
3+80.00 PVT RT TC 465.01
4+10.00 END CURB LT TC 466.39 TP 465.89
TC=465.93
DITCH=463.51
TP=470.03 DITCH=467.03
TP=474.63 DITCH=471.43
TP=478.74 DITCH=475.74
5+78.72 PC LT TP 473.65
5+97.63 PILT TP 474.52
6+25.16 PILT TP 475.79
6+44.05 PC LT TP 476.66
6+45.00 PVC LT TP 476.70
7+00.00 PVI LT TP 478.74 (479.23)
7+55.00 PVT LT TP 479.78
110' VC k=30.6
160' VC k=41.2
6+42.84 DITCH=473.40
7+00.00 PVI RT TP 478.74 (479.23)
7+55.00 PVT RT TP 479.78
TP=480.23 DITCH=477.23
TP=481.23 DITCH=478.23
TP=482.23 DITCH=479.23
11+00.00 PVI LT TP 483.23 (NO VC)
11+00.00 PVI RT TP 483.23 (NO VC)
11+85.78 DITCH=481.77
TP=485.03 DITCH=482.03
TP=483.23 DITCH=480.23
4' WYE INLET
12+00.00 MATCH LINE
490
485
480
475
470
465
460
455
0+00 1+00 2+00 3+00 4+00 5+00 6+00 7+00 8+00 9+00

AS-BUILT MARCH 2015
INFORMATION PROVIDED BY CONTRACTORS
(NOT FIELD VERIFIED)

STATE OF TEXAS
WARREN L. CORWIN
57875
REGISTERED PROFESSIONAL ENGINEER

The seal appearing on this document was authorized by Warren L. Corwin, P.E. 57875, on August 25, 2014

CORWIN ENGINEERING, INC.
200 W. BELMONT, SUITE E
ALLEN, TEXAS 75013 (972)396-1200
TBPE FIRM #5951

DEVELOPMENT PLANS FOR
BREEZY HILL
PHASE IV
ROCKWALL, TEXAS

LIFE SPRINGS DRIVE

DRAWN BY	DESIGNED BY	CHECKED BY	SHEET NO.
JOB NUMBER 14025	DATE JULY 2014	SCALE: HOR: 1"=40' VER: 1"=4'	5 OF 19

...\dgn\14025_life.dgn 8/25/2014 4:01:02 PM