GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.

DOUPHRATE & ASSOCIATES

F.M. HIGHWAY No. 549

BLOCK B

25

21

20

0+00 @ P.L.
END ASPH. PAVING &
BEGIN CONC. CURB &
CONST. STREET HEADER

CONST. 5" THICK X 140 S.Y.
OF B.M.A.C. PAVING & CONN.
TO EXISTING ASPH. PAV.

GRADE TO DRAIN
FL= 584.92
0+00 @ P.L.

GOLDEN TRAIL

10.5'
50' R.O.W.
29' B.-B.
10.5'

1+00 2+00 3+00 4+00

30+00
29+00
28+00

4+30 ~ GOLDEN TRAIL =
29+04.62 ~ STERLING COURT

0-29.99 ~ CONN. TO EX.
ASPHALT PAVING

EXIST. 3X4 BOX CULVERT

GRADE TO DRAIN
FL= 584.3

INSTALL 41 LF OF 30"
R.C.P. /W 6:1 SLOPED HDWL.

STERLING COURT

BLOCK B

19

23

BLOCK A

22

CONNECT BOTH HEADWALL WITH 33 S.Y.
OF 4" THICH CONCRETE RIPRAP, REINFORCED
WITH No. 3 BAR @ 24" CENTERS BOTH WAYS

30'

10'

PVI STA = 2+00
PVI ELEV = 591.14
A.D. = 2.24
K = 44.61

100.00' VC

BVCS: 1+50
BVCE: 590.89

EVCS: 2+50
EVCE: 592.51

EXIST. GRND. @ LT. R.O.W.

3+95.50 ~ C.R.
T.C. = 596.50
4+15.50 ~ P.I.
T.C. = 596.00

0-29.99 ~ EX. E.A. =
589.49

0.50%

2.74%

PROP. LT. T.C.

0+00 @ P.L.
T.C. = 590.14
GUT = 589.64

590.39 590.64 590.89 591.42 592.51 593.88 595.25

3+95.50 ~ C.R.
T.C. = 596.50
4+15.50 ~ P.I.
T.C. = 595.85

0-29.99 ~ EX. E.A. =
589.29

EXIST. GRND. @ RT. R.O.W.

0.50%

2.74%

PROP. RT. T.C.

EXIST. GRND. @ C.L. R.O.W.

600 595 590 585 580

0+00 1+00 2+00 3+00 4+00

PROFILE PROPOSED 30" R.C.P.
WITH 6:1 SLOPED HEADWALLS

GRADE TO DRAIN
1.5 % SLOPE

585
580

F.L. 584.92
F.L. 584.3
F.L. 3X4 BOX
ELEV: 583.43

TOP TXDOT CONC. MARKER S. CUT BACK CORNER
OF THE INTER. OF ST. HWY. No. 276 & F.M. 549
ELEV: 595.27

TOP TXDOT CONC. MARKER S. SIDE OF ST. HWY No. 276
1643' ± EAST OF THE INTER. OF ST. HWY No. 276
AND F.M. HIGHWAY No. 549
ELEV: 604.75

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY W.L. DOUPHRATE II, TEXAS P.E. NO. 60102 ON 11/25/96

DOUPHRATE & ASSOCIATES
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PHONE: (972)771-8688

PAVING PLAN & PROFILE
GOLDEN TRAIL
STERLING FARMS ADDITION
ROCKWALL COUNTY, TEXAS

REVISION

W.L.D.
CHECKED

ACAD
DRAWN

11-25-96
DATE

96002PV5
PROJECT

8
OF 13