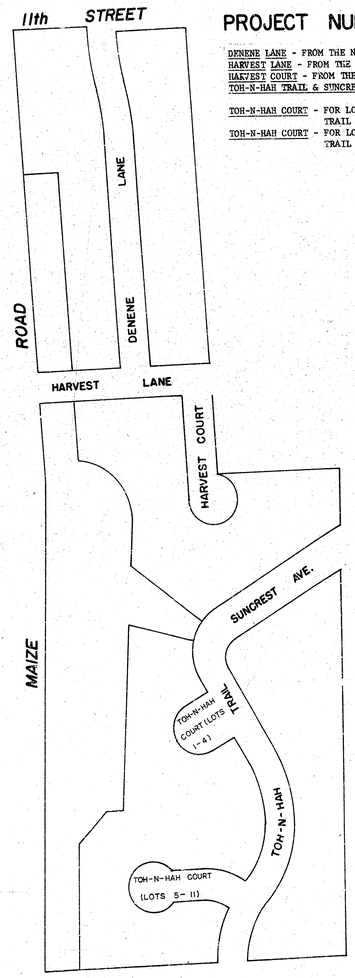
STREETS IN WESTLINK LAKES ESTATE ADDITION



SCALE 1" = 100'



PROJECT NUMBER: 472-76-245-80779-000-000-001

DENENE LANE - FROM THE N.L. HARVEST LANE TO THE S.L. 11TH STREET
HARVEST LANE - FROM THE E.L. MAIZE ROAD TO THE E.L. LOT 7, BLOCK 1, WESTLINK LAKES ESTATE
HARVEST COURT - FROM THE S.L. HARVEST LANE TO AND INCLUDING CUL-DE-SAC
TOH-N-HAH TRAIL & SUNCREST AVENUE - FROM THE S.L. BLOCK 5, WESTLINK LAKES ESTATE TO THE E.L. BLOCK 5, WESTLINK LAKES ESTATE
TOH-N-HAH COURT - FOR LOTS 1-4, INCLUSIVE, BLOCK 4, WESTLINK LAKES ESTATE, FROM THE W.L. TOH-N-HAH TRAIL TO THE W.L. TOH-N-HAH TRAIL
TOH-N-HAH COURT - FOR LOTS 5-11, INCLUSIVE, BLOCK 4, WESTLINK LAKES ESTATE, FROM THE W.L. TOH-N-HAH TRAIL TO AND INCLUDING CUL-DE-SAC

GENERAL NOTES:

1. FIELD ENGINEER SHALL TAKE TIES TO ALL IRONS AND THIMBLES WHICH MAY BE DESTROYED AND REPLACE ALL IRONS AND THIMBLES THAT ARE DESTROYED.

2. CONTRACTOR SHALL COORDINATE WORK WITH SANITARY SEWER AND STORM SEWER CONTRACTORS.

3. CONTRACTOR SHALL COORDINATE WORK WITH UTILITY COMPANIES AND OTHER AGENCIES RELATED TO THE PROJECT SITE DEVELOPMENT.

4. TREES TO BE REMOVED ARE MARKED ⊗, EXCEPT THAT ANY TREE WHICH IN THE OPINION OF THE FIELD ENGINEER CAN BE SAVED, SHALL BE SAVED.

5. CONTRACTOR SHALL REMOVE CONCRETE SLABS AND FOOTINGS IN STREET RIGHT-OF-WAY AND STOCKPILE THEM AT A LOCATION ON SITE TO BE DETERMINED BY DEVELOPER. CONTACT CHUCK BRODIE: TELEPHONE: 262-0031. REMOVAL OF CONCRETE SLABS AND FOOTINGS SHALL BE PAID FOR AS S.Y. PAVEMENT REMOVED.

6. CONTRACTOR SHALL CONTACT CHUCK BRODIE FOR LOCATION ON SITE OF SPOIL STOCKPILED FROM OTHER PROJECTS, IF ANY, AND USE SUCH SPOIL IN FILL SECTIONS OF THIS PROJECT.

7. CONTRACTOR SHALL CONTACT CHUCK BRODIE REGARDING ITEMS MARKED "TO BE REMOVED BY 'OTHERS'", IF NECESSARY.

CONTENTS

COVER SHEET	P. 1
DENENE LN. & COMPLETE TITLE	Pp. 2,3
HARVEST LN.	P. 4
HARVEST CT.	P. 5
TOH-N-HAH TRAIL & SUNCREST AVE.	Pp. 6,7
TOH-N-HAH CT. (LOTS 1-4)	P. 8
TOH-N-HAH CT. (LOTS 5-11)	P. 9
CROSS-SECTIONS	Pp. 10-19
TYPICALS	Pp. 20, 21

ENGINEERED LAND SURVEYOR 7714

BM EL. 154.14 "□" CUT E-HUB GUARD R.C. BOX ON MAIZE RD. BETWEEN 11TH STREET & HARVEST LN.

℄ IS ℄ OF DENENE LN.

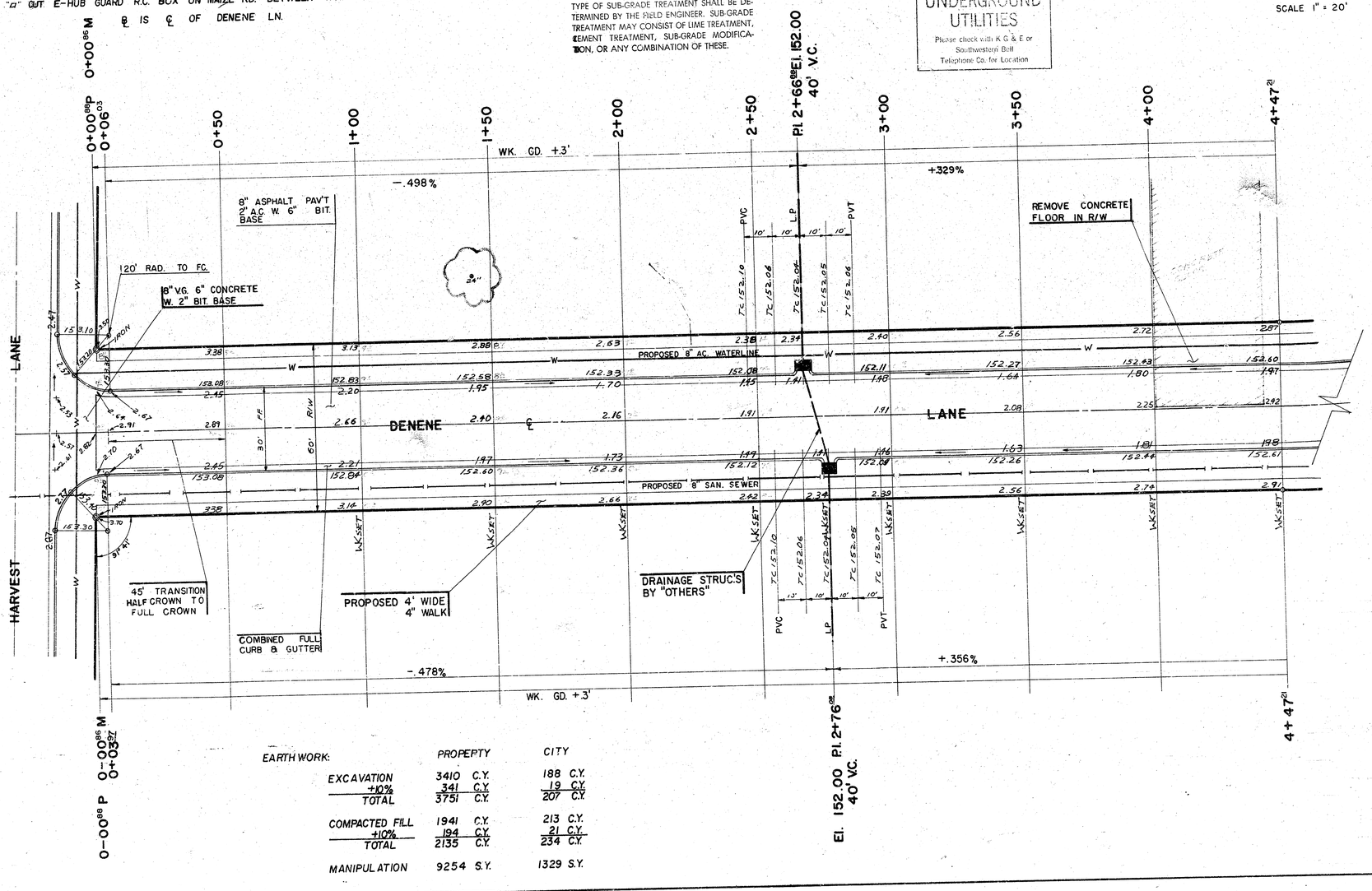
SUB-GRADE

TYPE OF SUB-GRADE TREATMENT SHALL BE DETERMINED BY THE FIELD ENGINEER. SUB-GRADE TREATMENT MAY CONSIST OF LIME TREATMENT, CEMENT TREATMENT, SUB-GRADE MODIFICATION, OR ANY COMBINATION OF THESE.

CAUTION
UNDERGROUND UTILITIES
Please check with K G & E or Southwestern Bell Telephone Co. for Location

SCALE 1" = 20'

NO MORE THAN 12 - 20' DRIVES TO BE CONSTRUCTED ON THIS PROJECT.



EARTH WORK:	PROPEPTY	CITY
EXCAVATION	3410 C.Y.	188 C.Y.
+10%	341 C.Y.	19 C.Y.
TOTAL	3751 C.Y.	207 C.Y.
COMPACTED FILL	1941 C.Y.	213 C.Y.
+10%	194 C.Y.	21 C.Y.
TOTAL	2135 C.Y.	234 C.Y.
MANIPULATION	9254 S.Y.	1329 S.Y.

STREETS IN WESTLINK LAKES ESTATE ADDITION

DENENE LANE - FROM THE N.L. HARVEST LANE TO THE S.L. 11TH STREET

HARVEST LANE - FROM THE E.L. MAIZE ROAD TO THE E.L. LOT 7, BLOCK 1, WESTLINK LAKES ESTATE

HARVEST COURT - FROM THE S.L. HARVEST LANE TO AND INCLUDING CUL-DE-SAC

TOH-N-HAH TRAIL & SUNCREST AVENUE - FROM THE S.L. BLOCK 5, WESTLINK LAKES ESTATE TO THE E.L. BLOCK 5, WESTLINK LAKES ESTATE

TOH-N-HAH COURT - FOR LOTS 1-4, INCLUSIVE, BLOCK 4, WESTLINK LAKES ESTATE, FROM THE W.L. TOH-N-HAH TRAIL TO THE W.L. TOH-N-HAH TRAIL

TOH-N-HAH COURT - FOR LOTS 5-11, INCLUSIVE, BLOCK 4, WESTLINK LAKES ESTATE, FROM THE W.L. TOH-N-HAH TRAIL TO AND INCLUDING CUL-DE-SAC

CITY OF WICHITA, KS.

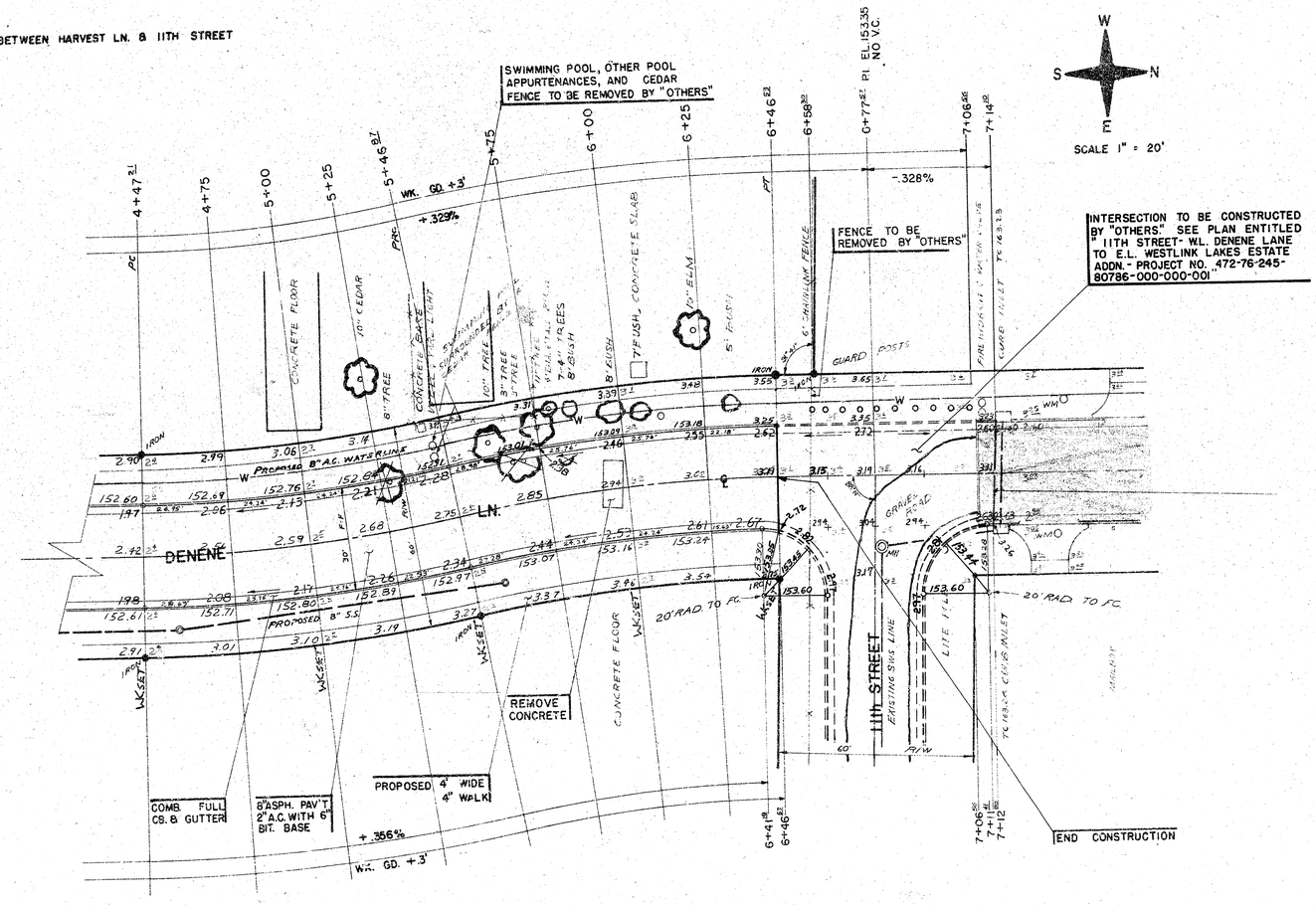
R.W. LINN CITY ENGINEER

PROJECT NUMBER 472-76-245-80779-000-000-001

DATE:

Survey Area BLOCK 3 & 4
Plat Name Harvest Lane
DLK 324
Checked

B.M. EL. 154.14 "⊡" CUT E-HUB GUARD RC-BOX ON MAIZE RD. BETWEEN HARVEST LN. & 11TH STREET & IS ℄ OF DENENE LN.



SCALE 1" = 20'

Δ = 11°32'13" R. = 496.95' T. = 50' L. = 99.66' LC. = 99.49'

CURVE DATA BASED ON ℄ RAD. Δ/2 = 5°46'06"

STA.	ARC	CHORD LENGTH 8" CURB & GUTTER	CHORD LENGTH 8" ASPH. PAV'T	DEFLECTION	TOTAL DEFLECTION
4+47.21					0°
4+75	27.79	26.52	29.10	1°36'31"	1°36'31"
5+00	25	23.86	26.18	1°26'49"	3°03'20"
5+25	25	23.86	26.18	1°26'49"	4°30'09"
5+46.87	21.87	20.87	22.91	1°15'57"	5°46'06"

Def'l = 3.47289°/Ft.

Δ = 11°32'13" R. = 496.95' T. = 50' L. = 99.66' LC. = 99.49'

CURVE DATA BASED ON ℄ RAD. Δ/2 = 5°46'06"

STA.	ARC	CHORD LENGTH 8" CURB & GUTTER	CHORD LENGTH 8" ASPH. PAV'T	DEFLECTION	TOTAL DEFLECTION
5+46.87					
5+75	28.13	29.43	26.82	1°37'42"	1°37'42"
6+00	25	26.18	23.86	1°26'49"	3°04'31"
6+25	25	26.18	23.86	1°26'49"	4°31'20"
6+41.18	16.18	16.93	15.43	56'11"	5°27'31"
6+46.53	5.35	5.60	5.10	18'35"	5°46'06"

Def'l = 3.47289°/Ft.

DENENE LANE
STREETS IN WESTLINK
LAKES ESTATES ADDN.

3/9

B.M. EL. 151.67 RR. SPK. E-FACE PP NE CORNER HARVEST LN. & MAIZE RD. 18' N OF N.L. HARVEST LN.

℄ IS ℄ HARVEST LN.

N

W E

S

SCALE 1" = 20'

INSTALL 60 LF 21 x 15 CMPA. COST OF INSTALLATION TO BE INCIDENTAL TO COST PER LF OF PIPE

P 0+99.12 M 0+99.14

1+32.33 P.I. EL. 152.74 NO V.C.

1+50

2+00

2+50

2+64.04 P2+69.19 M2+69.20

P3+29.22 M3+29.20

3+34.32

3+50

4+00

P4+49.65 M4+49.60

4+61.59

WK. GD. +.3'

-.793%

+.273 %

+.267%

8" ASPHALT PAVEMENT
2" A.C. w. 6" BIT. BASE

2-6 x 4½ R.C.B.C. BY "OTHERS"

PROPOSED 4' WALK

CHAINLINK FENCE TO BE REMOVED BY "OTHERS"

REMOVE EXISTING ASPHALT BACK TO END EXISTING CURB

CONSTRUCT 5" ASPHALT HOOKUP, MATCH EXISTING GRADE ON MAIZE RD.

MAIZE ROAD

DENENE LN.

HARVEST LANE

WARP CROWN: SET

GRADES AS SHOWN

HARVEST COURT

60' R/W

30' F-F

W

℄

PROPOSED SANITARY SEWER

PROP. SS

20' RAD. TO ℄

IRON

END PAVEMENT STA. 4+61.50 MATCH EXISTING PAV'T

SAW JOINT

REMOVE FENCE POSTS IN R/W COST TO BE INCIDENTAL TO PROJECT

BEGIN PAVEMENT STA. 1+00 ON ℄

FLARED END SECTIONS TO BE BID AS L.F. PIPE

PROPOSED 4' WIDE 4" WALK

DRAINAGE DITCH & EARTH BERM BY "OTHERS"

8" V.G. 6" CONCRETE WITH 2" A.C. BASE

COMBINED FULL CURB & GUTTER

CURB INLETS BY "OTHERS"

-.815 %

+.299%

P1+00.38 M1+00.36

EL. 152.74 P.I. 1+32.33 NO V.C.

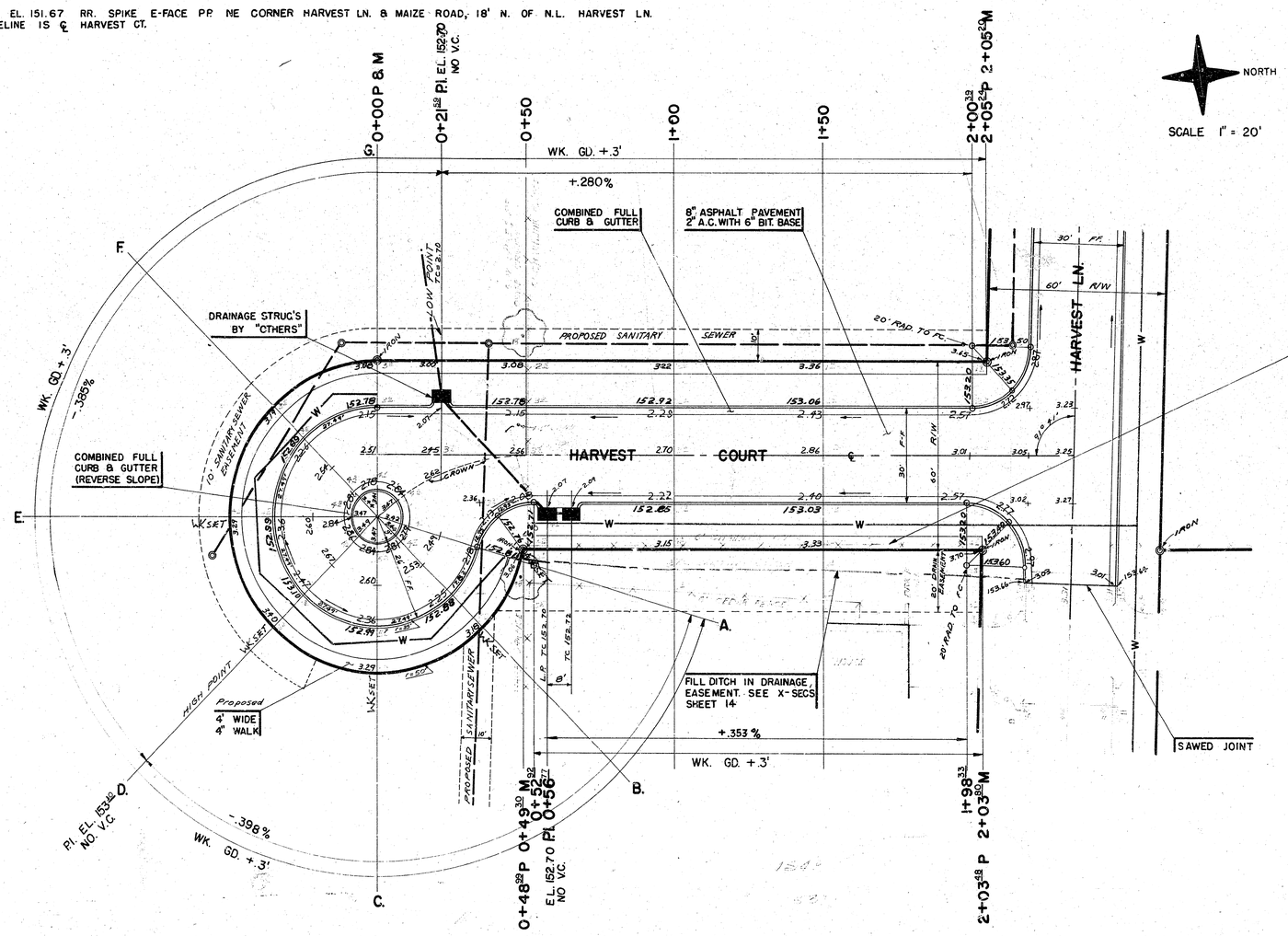
3+00

3+86.53 M3+91.40

P4+51.81 M4+51.62 4+56

HARVEST LANE
STREETS IN WESTLINK LAKES ESTATES ADDN.

B.M. EL. 151.67 RR. SPIKE E-FACE P.P. NE CORNER HARVEST LN. & MAIZE ROAD, 18' N. OF N.L. HARVEST LN.
BASELINE IS ℄ HARVEST CT.



SCALE 1" = 20'

HARVEST COURT
STREETS IN WESTLINK
LAKES ESTATES ADDN.

5/1

B.M. EL. 151.67 RR. SPK. E-FACE PP NE CORNER HARVEST LN. & MAIZE, 18' N. OF N.L. HARVEST LN.
BASELINE IS ℄ TOH-N-HAH TRAIL

Δ = 41°48'40" R = 196.35' T. = 75' L. = 143.29' LC. = 140.13'

CURVE DATA BASED ON ℄ RAD. Δ/2 = 20°54'20"

STA.	ARC.	8' LT.	8' RT.	DEFLECTION	TOTAL DEFLECTION
2+44.08	——	——	——	——	0°00'00"
2+50.12	6.08	5.36	6.79	0°53'18"	0°53'13"
2+64.58	14.46	12.76	16.15	2°06'35"	2°59'48"
2+75	10.42	9.20	11.64	1°31'12"	4°31'00"
3+00	25	22.06	27.91	3°38'51"	8°09'51"
3+25	25	" "	" "	" "	11°48'42"
3+50	25	" "	" "	" "	15°27'33"
3+75	25	" "	" "	" "	19°06'24"
3+87.33	12.33	10.88	13.77	1°47'54"	20°54'20"

Def'l = 872938 M/Ft.

Δ = 30°55'03" R = 259.63' T. = 71.80' L. = 140.10' LC. = 138.41'

CURVE DATA BASED ON ℄ RAD. Δ/2 = 15°27'32"

STA.	ARC.	8' LT.	8' RT.	DEFLECTION	TOTAL DEFLECTION
3+87.33	——	——	——	——	0°00'00"
4+00	12.67	11.55	13.79	1°23'53"	1°23'53"
4+12.58	12.50	11.39	13.61	1°22'45"	2°46'38"
4+25	12.50	11.39	13.61	1°22'45"	4°09'23"
4+50	25	22.78	27.20	2°45'31"	6°54'54"
5+00	25	" "	" "	" "	9°40'25"
5+00	25	" "	" "	" "	12°25'54"
5+27.43	27.43	24.99	29.85	3°01'38"	15°27'32"

Def'l = 6.62015 M/Ft.

Δ = 41°48'40" R = 196.54' T. = 74.69' L. = 142.69' LC. = 139.54'

CURVE DATA BASED ON ℄ RAD. Δ/2 = 20°54'20"

STA.	ARC.	8' LT.	8' RT.	DEFLECTION	TOTAL DEFLECTION
1+01.58	——	——	——	——	0°00'00"
1+25	23.65	21.92	25.86	3°27'54"	3°27'54"
1+50	25	23.92	26.04	3°39'46"	7°07'40"
1+87.62	37.93	20.03	15.82	2°37'37"	9°45'17"
1+87.62	19.69	22.00	17.37	2°53'05"	12°38'22"
1+96.33	9.33	10.43	8.23	1°22'01"	14°00'23"
2+06.23	9.34	10.44	8.24	1°22'06"	15°22'29"
2+17.35	11.66	13.03	10.29	1°42'30"	17°04'59"
2+30	12.05	13.47	10.63	1°45'56"	18°50'55"
2+44.08	14.04	15.69	12.39	2°09'25"	20°59'20"

Def'l. 8.740618 M/Ft.

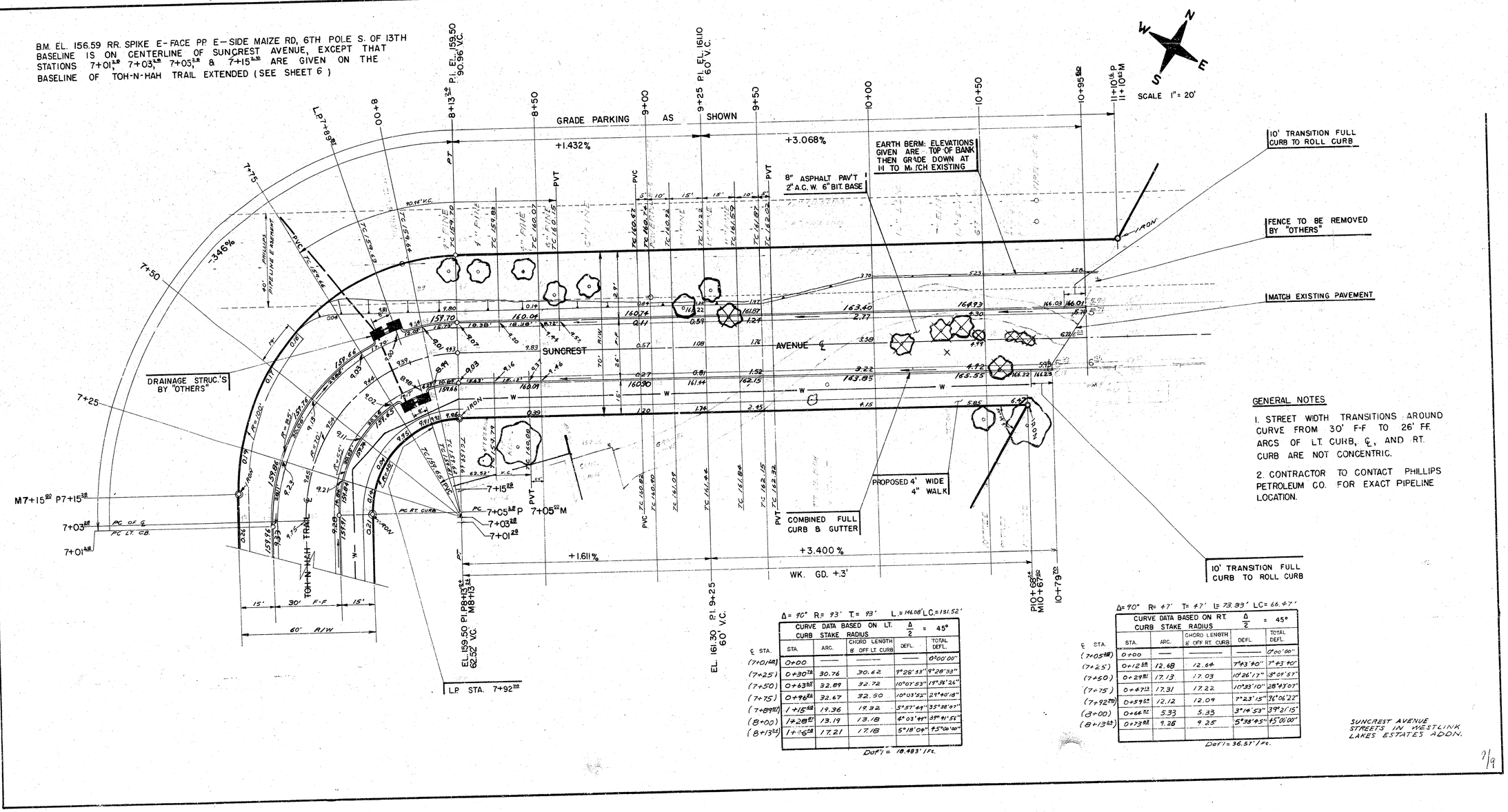
Note: Curve Data Table Cont'd at Top of Sheet

This sheet is reviewed & revised to show changes & a valley curve. No more than 3 curves per project.

TOH-N-HAH TRAIL
STREETS IN WESTLINK
LAKES ESTATES ADDN.

6/7

B.M. EL. 156.59 RR. SPIKE E-FACE PP E-SIDE MAIZE RD, 6TH POLE S. OF 13TH
BASELINE IS ON CENTERLINE OF SUNCREST AVENUE, EXCEPT THAT
STATIONS 7+01.38, 7+03.38, 7+05.38 & 7+15.38 ARE GIVEN ON THE
BASELINE OF TOH-N-HAH TRAIL EXTENDED (SEE SHEET 6)



GENERAL NOTES

1. STREET WIDTH TRANSITIONS AROUND CURVE FROM 30' F-F TO 26' F.F. ARCS OF LT. CURB, ℄, AND RT. CURB ARE NOT CONCENTRIC.

2. CONTRACTOR TO CONTACT PHILLIPS PETROLEUM CO. FOR EXACT PIPELINE LOCATION.

Δ = 90° R = 73' T = 73' L = 114.08' LC = 131.52'

℄ STA.	CURB STAKE RADIUS STA.	ARC.	CHORD LENGTH & OFF LT. CURB	DEFL.	TOTAL DEFL.
(7+01.38)	0+00	———	———	———	0°00'00"
(7+25)	0+30.76	30.76	30.62	9°26'33"	9°26'33"
(7+50)	0+63.89	32.89	32.72	10°01'53"	19°28'26"
(7+75)	0+98.39	32.67	32.50	10°03'52"	29°40'18"
(7+89.87)	1+15.48	19.36	19.32	5°57'49"	35°38'07"
(8+00)	1+28.67	13.19	13.18	4°03'44"	39°41'51"
(8+13.38)	1+46.38	17.21	17.18	5°18'09"	45°00'00"

Def'l = 18.483' I Ft.

Δ = 90° R = 47' T = 47' L = 73.33' LC = 66.47'

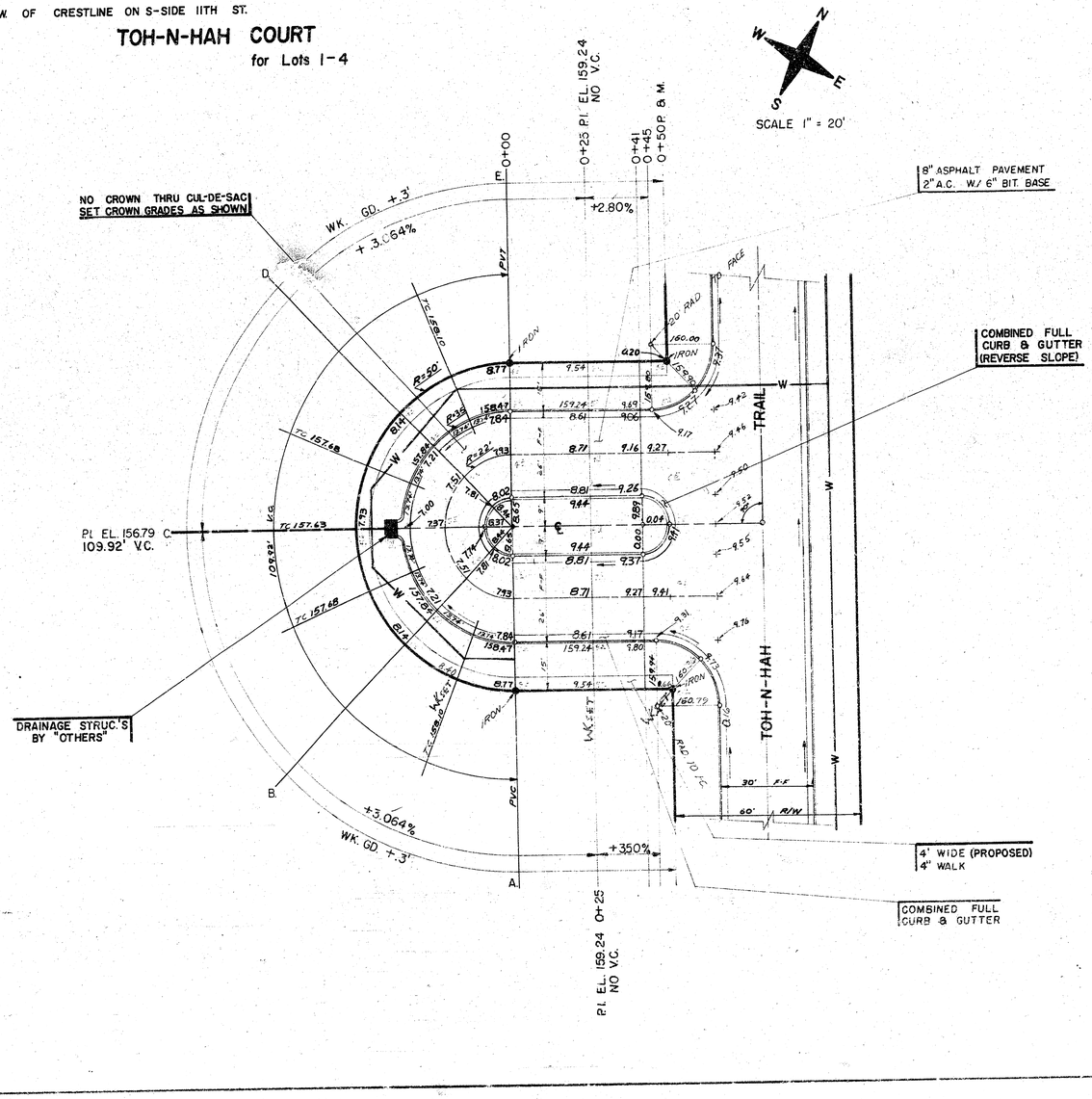
℄ STA.	CURB STAKE RADIUS STA.	ARC.	CHORD LENGTH & OFF RT. CURB	DEFL.	TOTAL DEFL.
(7+05.38)	0+00	———	———	———	0°00'00"
(7+25)	0+12.68	12.68	12.64	7°43'40"	7°43'40"
(7+50)	0+29.81	17.13	17.03	10°26'17"	18°09'57"
(7+75)	0+47.12	17.31	17.22	10°33'10"	28°43'07"
(7+92.38)	0+59.44	12.12	12.09	7°23'15"	36°06'22"
(8+00)	0+64.72	5.33	5.33	3°14'53"	39°21'15"
(8+13.38)	0+73.82	9.26	9.25	5°38'45"	45°00'00"

Def'l = 36.57' I Ft.

SUNCREST AVENUE STREETS IN WESTLINK LAKES ESTATES ADDN.

B.M. EL. 1518.6 RR. SPK. NE-FACE PP. 1/2 BLOCK W. OF CRESTLINE ON S-SIDE 11TH ST.
℄ IS ℄ TOH-N-HAH CT.

TOH-N-HAH COURT
for Lots 1-4



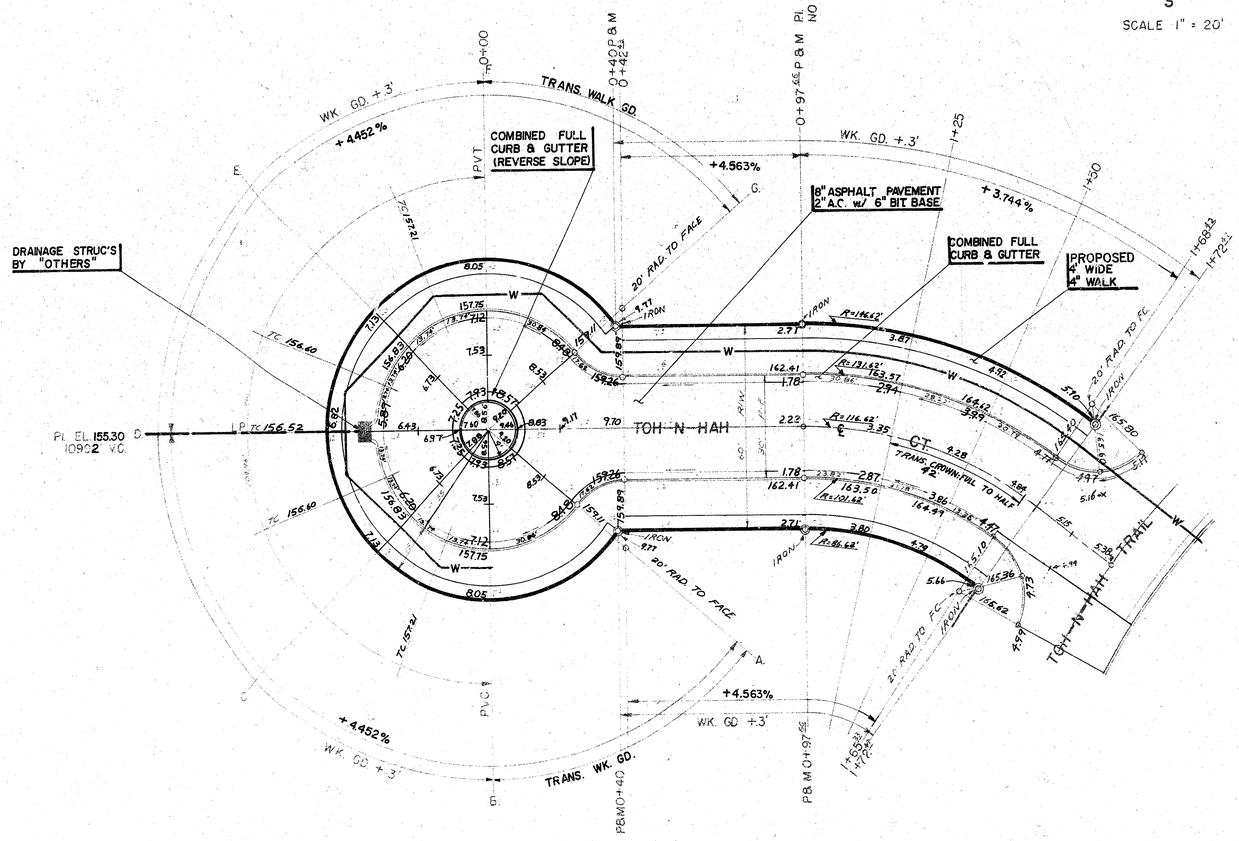
TOH-N-HAH COURT (LOTS 1-4)
STREETS IN WESTLINK LAKES
ESTATES ADDN

B.M. EL. 151.67 RR. SPIKE E-FACE PP. NE. CORNER HARVEST LN. & MAIZE RD, 18' N. OF N-LINE HARVEST LANE
BASELINE IS ℄ TOH-N-HAH CT.

TOH-N-HAH COURT
for Lots 5-11

N
W E
S

SCALE 1" = 20'



CURVE DATA BASED ON ℄ RAD. Δ/2 = 18°22'34"

STA.	ARC	CHORD LENGTH 8' OUT LT.	CHORD LENGTH 8' OUT RT.	DEFLECTION	TOTAL DEFLECTION
0+97.66	———	———	———	———	0°00'00"
1+25	27.34	32.64	21.90	6°42'57"	6°42'57"
1+50	25	29.87	20.03	6°08'28"	12°51'25"
1+65.33	15.33	18.34	12.30	3°45'54"	16°37'21"
1+68.42	3.09	3.70	2.48	0°45'32"	17°22'53"
1+72.07	4.05	4.85	3.26	0°59'41"	18°22'34"

1473822.6 M/Ft.

this sheet is a revised sheet. Revised 10/9/79. Changed 12 grades to 20. No more than 20 drives to be constructed this project.

TOH-N-HAH COURT (LOTS 5-11)
STREETS IN WESTLINK
LAKES ESTATES ADDN.

9/9