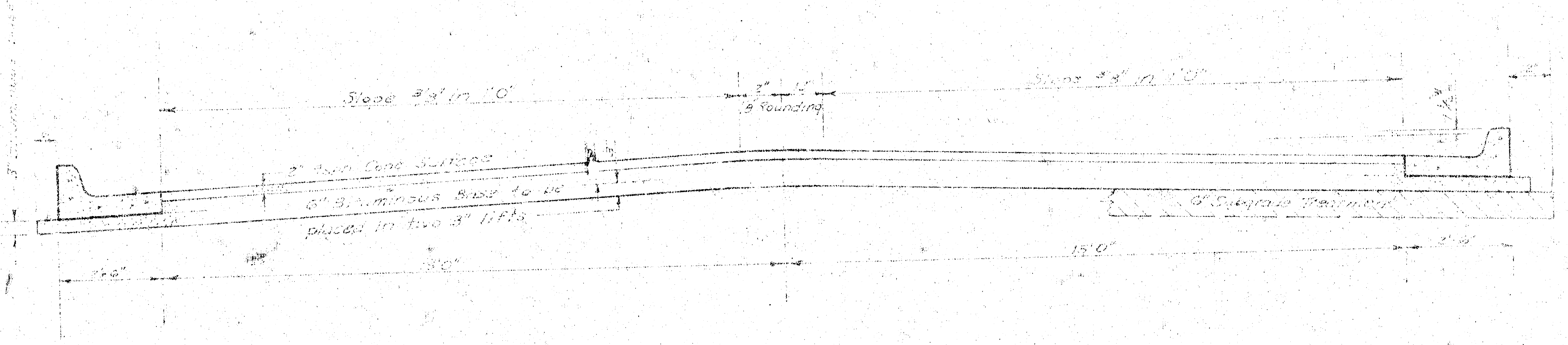


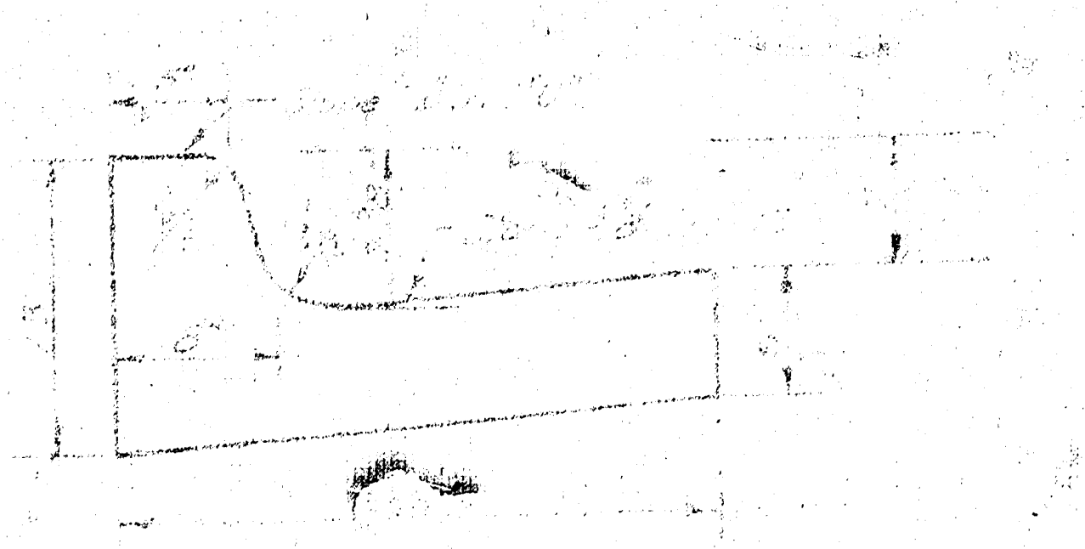
TYPICAL SECTION

35' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

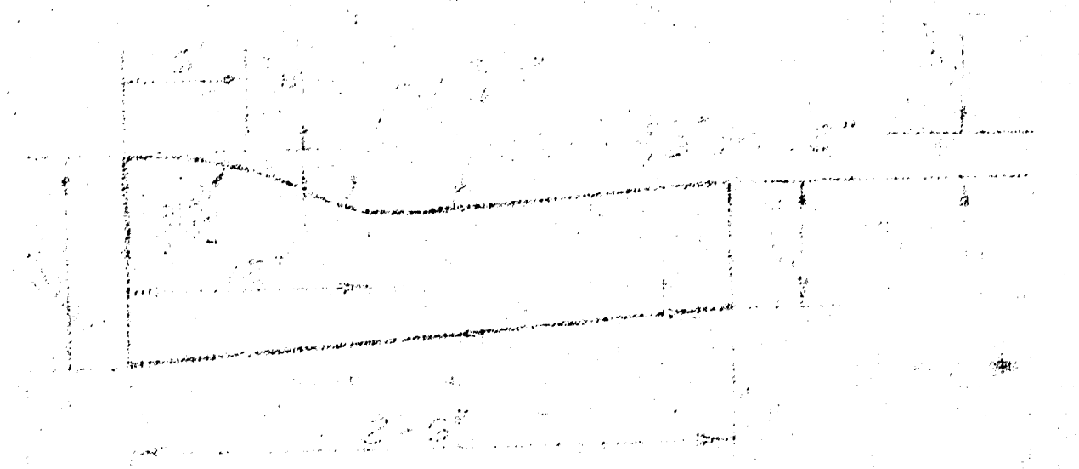
A TACK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE 0.05 GALLONS PER SQ YD BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT.

BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC ELECTRONIC CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1' WITH JOINTS IN PRECEDING LIFTS AND PLACED SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE IN THE TOP LIFT.

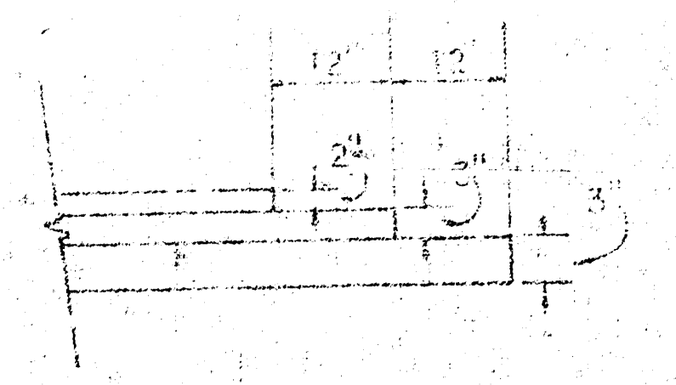
COMBINED CURB & GUTTER



ROLL TYPE CURB & GUTTER



DETAIL OF TRANSVERSE CONSTRUCTION JOINTS



TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS OF ASPHALTIC CONCRETE PAVEMENT.

The A.C. Pavement between the [illegible] be paid as Sq.Yds. 8" A.C. Pavement ([illegible] Base)
The Bituminous Base under [illegible] shall be paid as Sq.Yds. 5" Bituminous Base

R. W. LINN
3564

BYRON ROAD.
N.L. LOT 9, BLOCK 8 TO
W.L. WOOD DRIVE - WESTLINK
VILLAGE 11TH ADDITION.

CITY OF WICHITA KANSAS
DEPARTMENT of PUBLIC WORKS - Engineering Division
R. W. LINN CITY ENGINEER
DATE ______ Proj. No. DAKS 574043

1/3

Survey D.C.D. 31 108
Plat D.R.R.
Ext
Checked

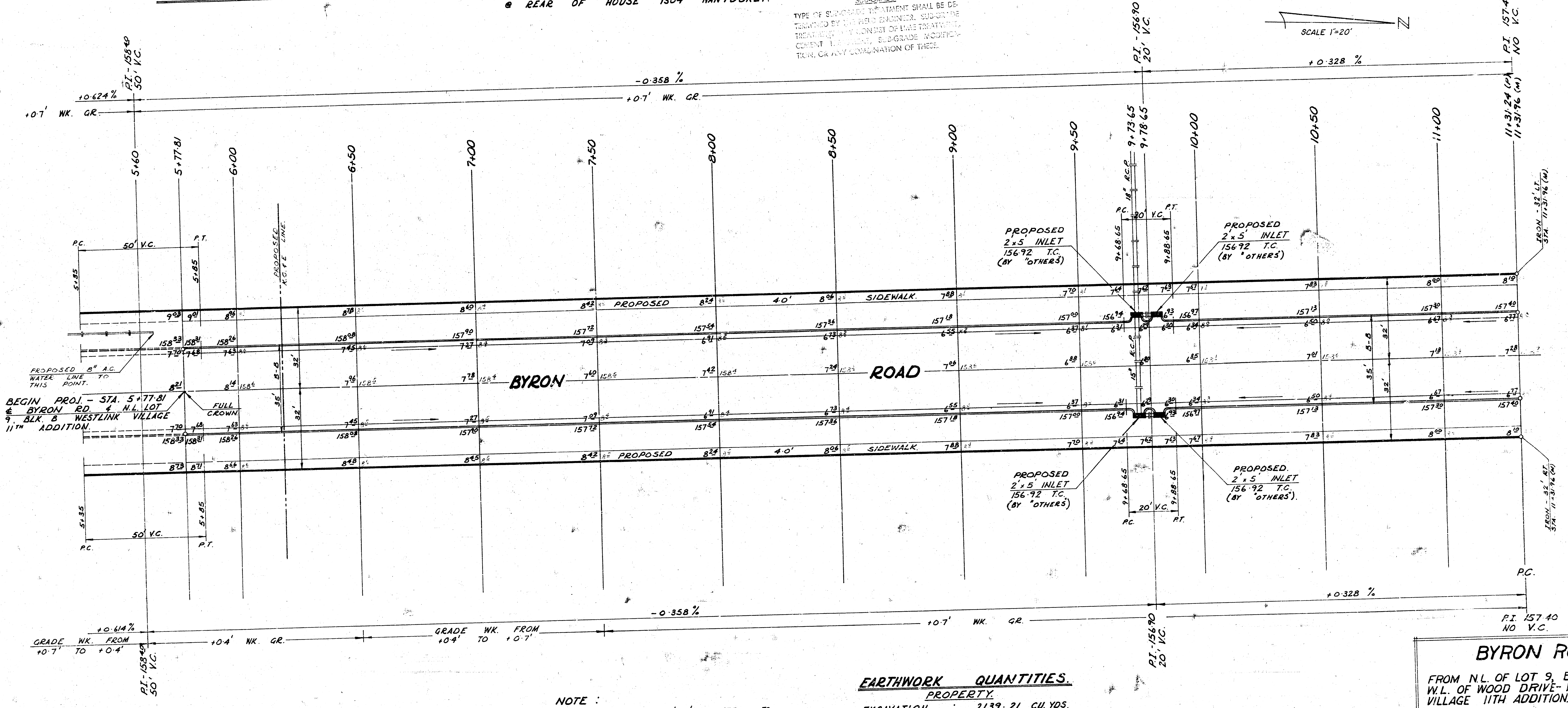
BASE LINE IS ℄ BYRON ROAD.

B.M. = 158.58 - N.W. COR. PORCH W.S. HOUSE
@ 1502 MURRAY.
B.M. = 157.10 - N.E. COR. CONC. PATIO PORCH
@ REAR OF HOUSE 9304 NANTUCKET.

NOTE TO FIELD ENGINEER & CONTRACTOR
Grade parking and clear right-of-way for proposed sidewalk. Compact fill in sidewalk area.
TO BE CONSTRUCTED BY "OTHERS".

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.



SCALE 1"=20'
N
P.I. - 158.40
50' V.C.
+0.624 %
+0.7' WK. GR.
-0.358 %
+0.7' WK. GR.
P.I. - 156.90
20' V.C.
+0.328 %
P.I. 157.40
NO V.C.
11+31.24 (P)
11+31.96 (M)
5+60
5+77.81
6+00
6+50
7+00
7+50
8+00
8+50
9+00
9+50
9+73.65
9+78.65
10+00
10+50
11+00
PROPOSED K.C.P.&L. LINE
18" R.C.P.
P.C.
P.T.
50' V.C.
5+35
5+85
9+68.65
9+88.65
20' V.C.
PROPOSED 2'x5' INLET 156.92 T.C. (BY "OTHERS")
PROPOSED SIDEWALK
4.0'
BYRON
ROAD
PROPOSED 8" A.C. WATER LINE TO THIS POINT.
BEGIN PROJ. - STA. 5+77.81
℄ BYRON RD. & N.L. LOT 9 BLK 8 WESTLINK VILLAGE 11TH ADDITION.
FULL CROWN
35'
32'
B-B
IRON - 32' LT. STA. 11+31.96 (M)
IRON - 32' RT. STA. 11+31.96 (M)
R.C.P.
15"
P.C.
-0.358 %
+0.328 %
+0.614 %
GRADE WK. FROM +0.7' TO +0.4'
+0.4' WK. GR.
GRADE WK. FROM +0.4' TO +0.7'
+0.7' WK. GR.
P.I. - 158.40
50' V.C.
P.I. - 156.90
20' V.C.
P.I. 157.40
NO V.C.

NOTE :
▬ INDICATES 2'x5' INLETS TO BE CONSTRUCTED BY "OTHERS".

NOTE :
ONLY FIVE DRIVES TO BE CONSTRUCTED ON THIS PROJECT.

EARTHWORK QUANTITIES.

PROPERTY.

EXCAVATION	:	2139.21 CU. YDS.
+ 10 %	:	213.92 CU. YDS.
TOTAL	:	2353.13 CU. YDS.

BYRON ROAD

FROM N.L. OF LOT 9, BLK. 8, TO
W.L. OF WOOD DRIVE- WESTLINK
VILLAGE 11TH ADDITION.

35' ASPHALTIC CONCRETE PAVEMENT

CITY OF WICHITA, KANSAS
R.W. LINN CITY ENGINEER
PROJECT NUMBER DAKS 574043
DATE :

2/3

Survey D.C.D.
Plan D.R.R.
Est.
Checked
Bk 108

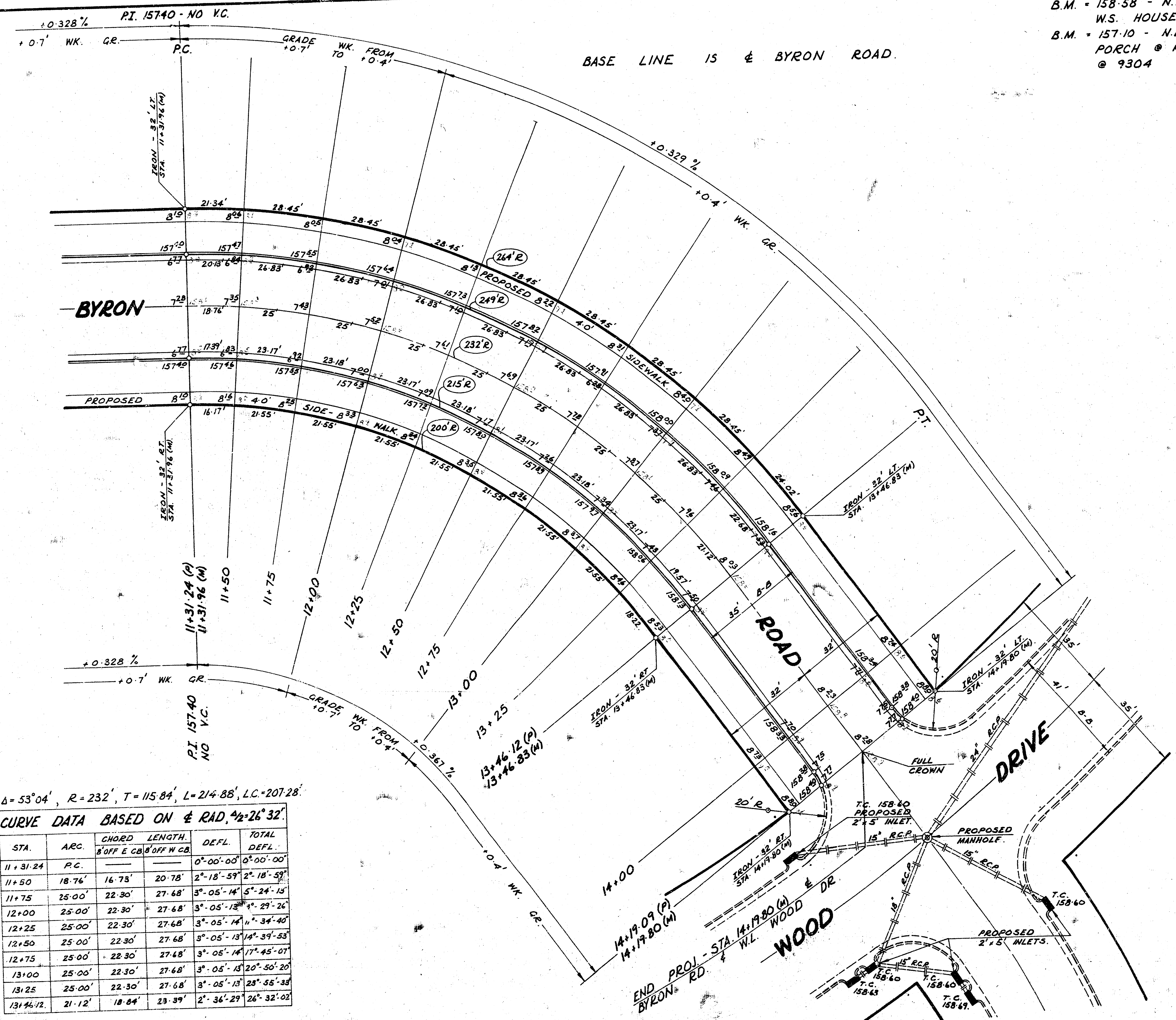
BASE LINE IS ℄ BYRON ROAD.

B.M. = 158.58 - N.W. COR. PORCH
W.S. HOUSE @ 1502 MURRAY.
B.M. = 157.10 - N.E. COR. CONC. PATIO
PORCH @ REAR OF HOUSE
@ 9304 NANTUCKET.

NOTE TO FIELD ENGINEER & CONTRACTOR
Grade parking and clear right-of-way for proposed sidewalk. Compact fill in sidewalk area.
TO BE CONSTRUCTED BY "OTHERS".

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.


+0.328 %
P.I. 157.40 - NO V.C.
+0.7' WK. GR.
P.C.
GRADE WK. FROM +0.7' TO +0.4'
+0.329 %
+0.4' WK. GR.
P.T.
IRON - 32' LT. STA. 11+31.96 (M)
IRON - 32' RT. STA. 11+31.96 (M)
BYRON
PROPOSED SIDEWALK
PROPOSED SIDE-WALK
264'R
249'R
232'R
215'R
200'R
11+31.24 (P) 11+31.96 (M)
11+50
11+75
12+00
12+25
12+50
12+75
13+00
13+25
13+46.12 (P) 13+46.83 (M)
14+00
14+19.09 (P) 14+19.80 (M)
IRON - 32' LT. STA. 13+46.83 (M)
IRON - 32' RT. STA. 13+46.83 (M)
ROAD
20'R
IRON - 32' LT. STA. 14+19.80 (M)
IRON - 32' RT. STA. 14+19.80 (M)
FULL CROWN
T.C. 158.60 PROPOSED 2'×5' INLET.
PROPOSED MANHOLE.
15" R.C.P.
24" R.C.P.
18" R.C.P.
DRIVE
WOOD
PROPOSED 2'×5' INLETS.
T.C. 158.60
T.C. 158.63
T.C. 158.69.
END PROJ. - STA. 14+19.80 (M) BYRON RD ℄ W.L. WOOD DR
+0.328 %
+0.7' WK. GR.
P.I. 157.40 NO V.C.
GRADE WK. FROM +0.7' TO +0.4'
+0.361 %
+0.4' WK. GR.

SCALE 1"=20'
N

Δ = 53°04', R = 232', T = 115.84', L = 214.88', L.C. = 207.28'.

CURVE DATA BASED ON ℄ RAD. Δ/2 = 26°32'.

STA.	ARC.	CHORD LENGTH. 8' OFF E CB.	CHORD LENGTH. 8' OFF W CB.	DEFL.	TOTAL DEFL.
11+31.24	P.C.	——	——	0°-00'-00"	0°-00'-00"
11+50	18.76'	16.73'	20.78'	2°-18'-59"	2°-18'-59"
11+75	25.00'	22.30'	27.68'	3°-05'-14"	5°-24'-13"
12+00	25.00'	22.30'	27.68'	3°-05'-13"	8°-29'-26"
12+25	25.00'	22.30'	27.68'	3°-05'-14"	11°-34'-40"
12+50	25.00'	22.30'	27.68'	3°-05'-13"	14°-39'-53"
12+75	25.00'	22.30'	27.68'	3°-05'-14"	17°-45'-07"
13+00	25.00'	22.30'	27.68'	3°-05'-13"	20°-50'-20"
13+25	25.00'	22.30'	27.68'	3°-05'-13"	23°-55'-33"
13+46.12	21.12'	18.84'	23.39'	2°-36'-29"	26°-32'-02"

BYRON ROAD

FROM N.L. OF LOT 9, BLK. 8, TO
W.L. OF WOOD DRIVE- WESTLINK
VILLAGE 11TH ADDITION.

35' ASPHALTIC CONCRETE PAVEMENT
CITY OF WICHITA, KANSAS
R.W. LINN CITY ENGINEER
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3/3