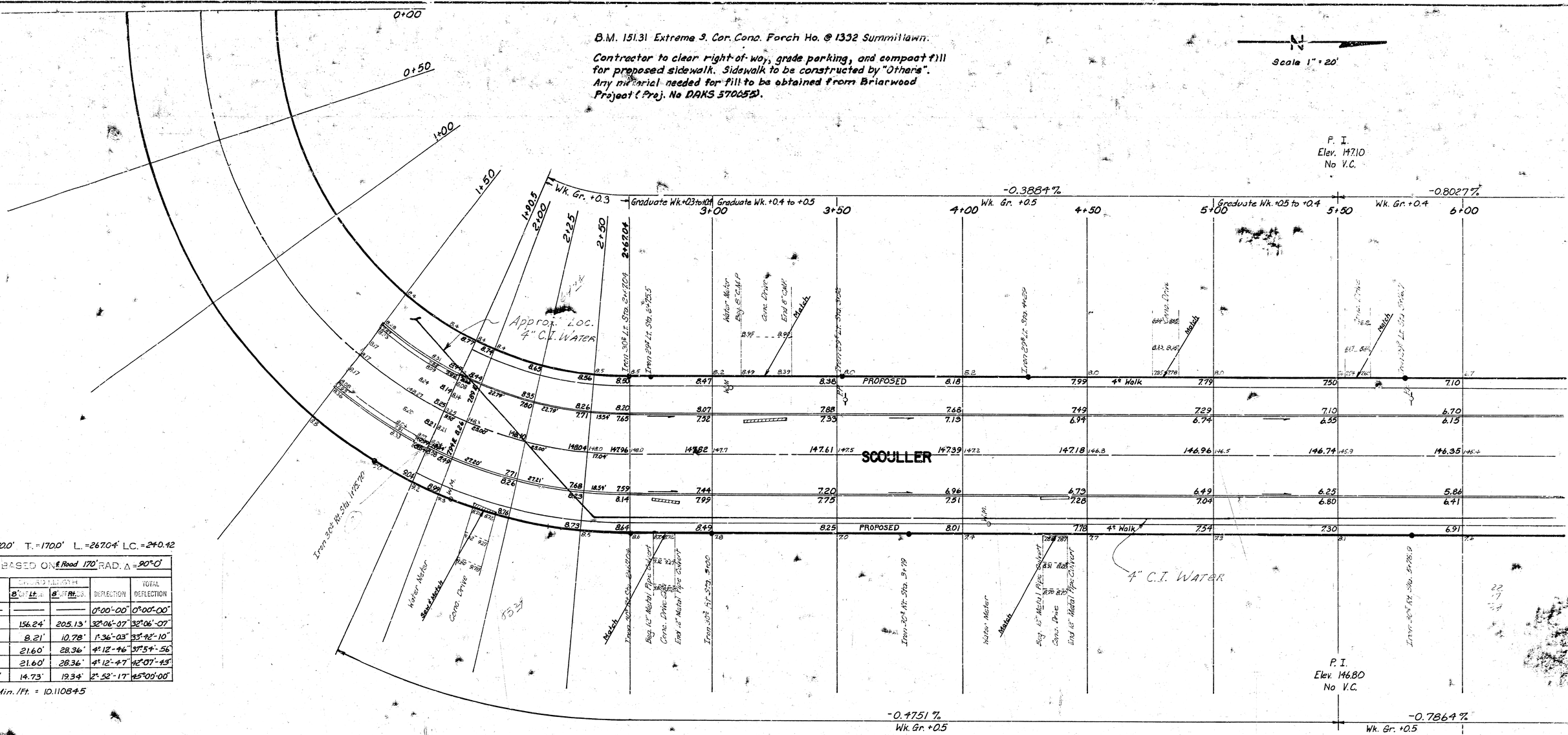
Ex: Laursen
Checked

B.M. 151.31 Extreme S. Cor. Conc. Porch Ho. @ 1332 Summitlawn.

Contractor to clear right-of-way, grade parking, and compact fill for proposed sidewalk. Sidewalk to be constructed by "Others". Any material needed for fill to be obtained from Briarwood Project (Proj. No DAKS 570055).

Scale 1" = 20'



Δ = 90°-0' R. = 170.0' T. = 170.0' L. = 267.04' LC. = 240.42

CURVE DATA BASED ON 8' Road 170' RAD. Δ = 90°-0'

STA.	ARC.	CHORD LENGTH 8' Lt.	CHORD LENGTH 8' Rt.	DEFLECTION	TOTAL DEFLECTION
0+00	———	———	———	0°00'-00"	0°00'-00"
1+90.5	190.5'	156.24'	205.13'	32°06'-07"	32°06'-07"
2+00	9.5'	8.21'	10.78'	1°36'-03"	33°42'-10"
2+25	25.0'	21.60'	28.36'	4°12'-46"	37°54'-56"
2+50	25.0'	21.60'	28.36'	4°12'-47"	42°07'-43"
2+67.04	17.04'	14.73'	19.34'	2°52'-17"	45°00'-00"

Deflection in Min./Ft. = 10.110845

CITY

Excavation	17.8 c.y.	Comp. Fill	30.3 c.y.
		S.G.M.	19.6 c.y.
Sub-Total	17.8 c.y.	Sub-Total	49.9 c.y.
+10%	1.8 c.y.	+10%	5.0 c.y.
Total	19.6 c.y.	Total	54.9 c.y.

PROPERTY

Excavation	339.0 c.y.	Comp. Fill	219.9 c.y.
		S. G. M.	171.5 c.y.
Sub-Total	339.0 c.y.	Sub-Total	391.4 c.y.
+10%	33.9 c.y.	+10%	39.1 c.y.
Total	372.9 c.y.	Total	430.5 c.y.

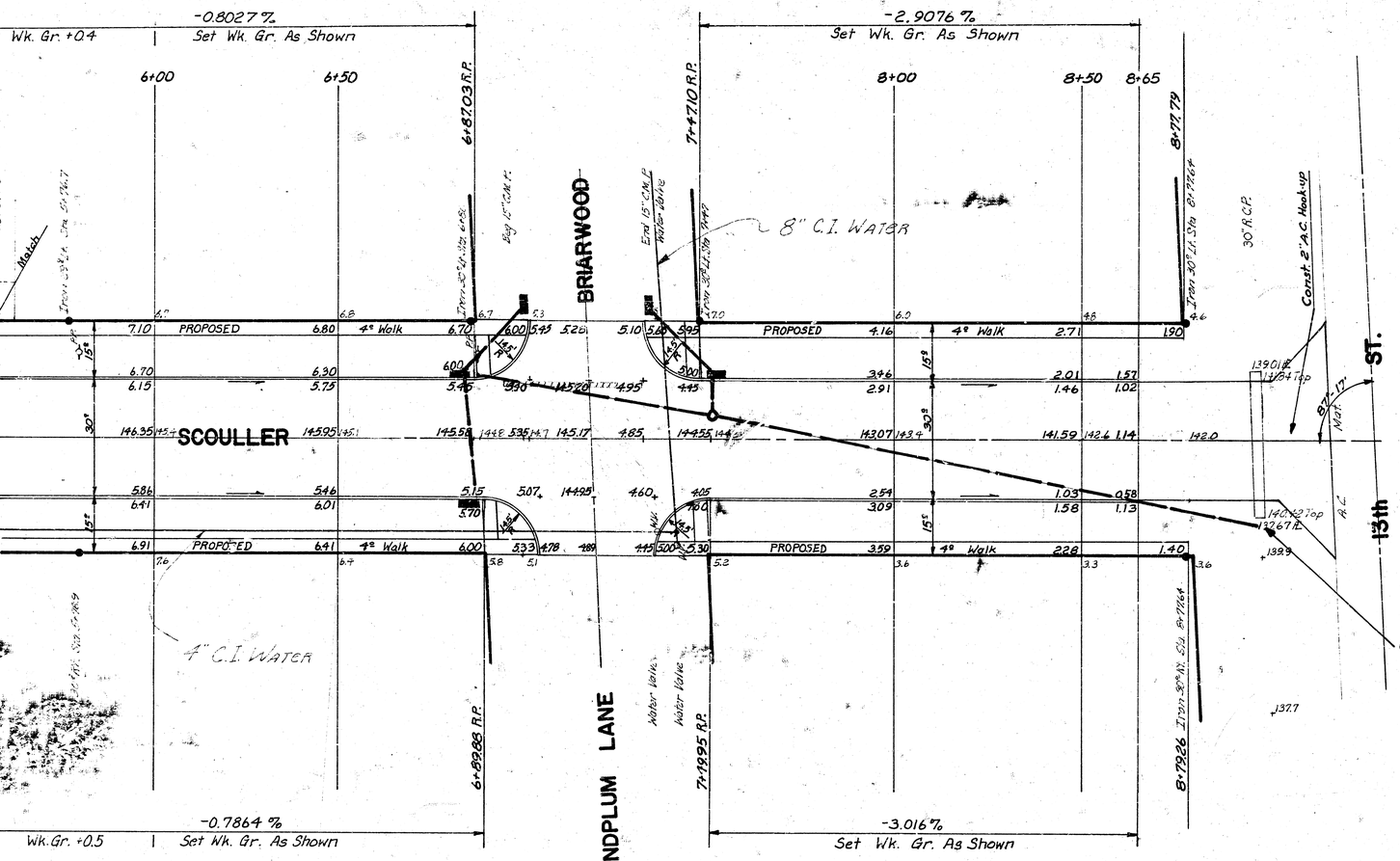
R. W. LINN LICENSED 3684 KANSAS PROFESSIONAL ENGINEER

1/4

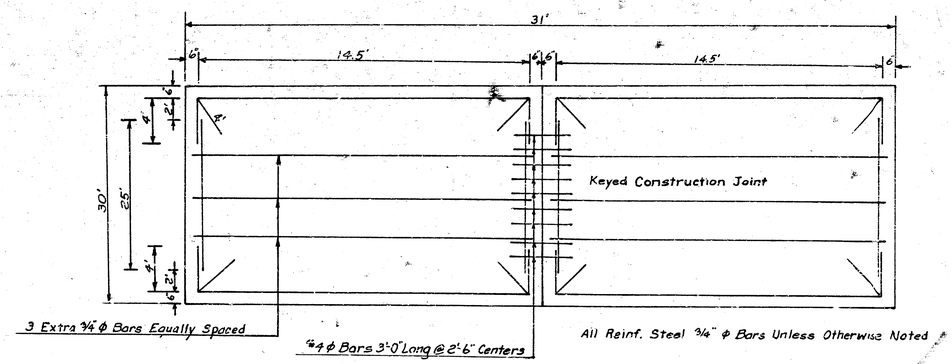
SCOULLER, S. L. LOT 5, BLOCK F
COUNTRY ACRES 4th ADDITION
TO S. L. 13th.
CONCRETE 30' & CURB
CITY OF WICHITA, KANSAS
R. W. LINN, CITY ENGINEER
DATE: MAY 1971
PROJ NO. DAKS 570056

B.M. 151.31 Extreme S. Cor. Conc. Porch Ho. @ 1332 Summitlawn.

℄ All Inlets To Be 7' From Property Line Extended.
Inlets, Manhole, & Storm Sewer Pipe To Be Constructed
By Incidental Drainage Contractor.



N
Scale 1" = 20'



TYPICAL STEEL PATTERN
USE ONLY WHEN STORM SEWER IS UNDER PAVEMENT
No Scale

PROJ. NO. DAKS 570056

(3/4)

B.M. 151.31 Extreme S. Cor. Conc. Porch Ha. @ 1332 Summit Ln.

All Backfill To Be Mechanically Compacted Incidental To The Price Bid Per Lin. Ft. Pipe & All Inlets To Be 7' From Property Line Extended.

13 TH ST.

SANDPLUM LANE

BRIARWOOD

SCOULLER

Note: Place Rip-Rap to Protect Ditch & Slope of Pipe, Incidental to the Pipe.

Const. Std. Manhole Type A
Top Manhole = 1145ft Flo 15" R.C.P. S.W. = 141.10
Flo. 18" R.C.P. N.E. = 140.20
Flo 15" R.C.P. West = 140.30

17'

136.2 Flo Out

150 L.F. 18" R.C.P.

9 L.F. 15" R.C.P.

65 L.F. 15" R.C.P.

Construct 2'x5' Std. Brick Inlet
T.C. = 145.72± Flo 15" R.C.P West = 142.20

31 L.F. 15" R.C.P.

Const. 2'x5' Std. Brick Inlet
T.C. = 144.93± Flo 15" R.C.P. East = 140.60
Flo 15" R.C.P. S.W. 140.70

23 L.F. 15" R.C.P.

Const. 2'x5' Std. Brick Inlet
T.C. = 145.65± Flo 15" R.C.P. N.E. = 141.20

Construct 2'x5' Std. Brick Inlet
T.C. = 146.02± Flo 15" R.C.P. East = 141.90
Flo 15" R.C.P. N.W. = 141.90
Flo 15" R.C.P. N.E. = 141.80

23 L.F. 15" R.C.P.

Construct 2'x5' Std. Brick Inlet
T.C. = 146.00± Flo 15" R.C.P. S.E. 142.40

Plan Scale 1" = 20'
Profile Scale 1" = 20' Hor.
1" = 4' Vert.

1500

1400

1300

Existing Ground

Sta. 1+50 Construct Std Manhole Type A

Sta. 2+15 Const. 2'x5' Std. Brick Inlet

150 L.F. 18" R.C.P. @ 2.6667 %

65 L.F. 15" R.C.P @ 10.769 %

Flo. Out 136.2

Flo. In South 141.9

Flo In West 140.3

Flo Out 140.8

Flo In East 141.9

Flo In N.W. 141.9

JAMES H. TANDY
LICENSED
PROFESSIONAL
ENGINEER
2012

INCIDENTAL DRAINAGE IN CONNECTION WITH PAVING
SCOULLER, S.L. LOT [illegible] BLOCK F
COUNTRY ACRES 4TH ADDITION
TO S.L. 13 TH.
CITY OF WICHITA, KANSAS
R. W. LINN CITY ENGINEER