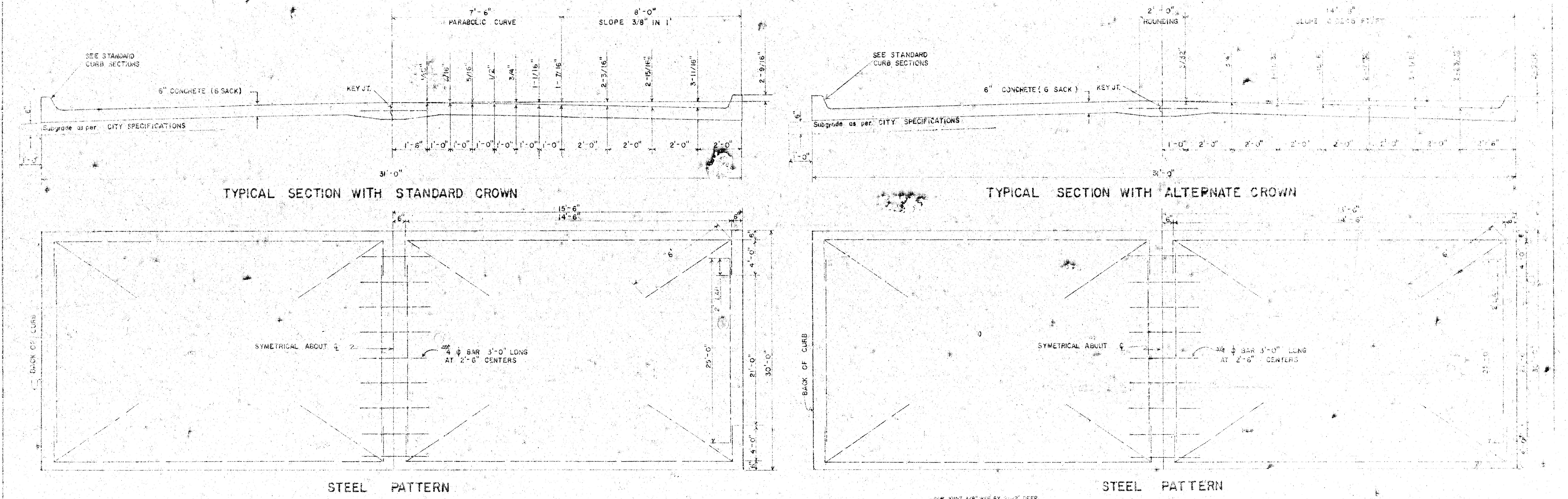
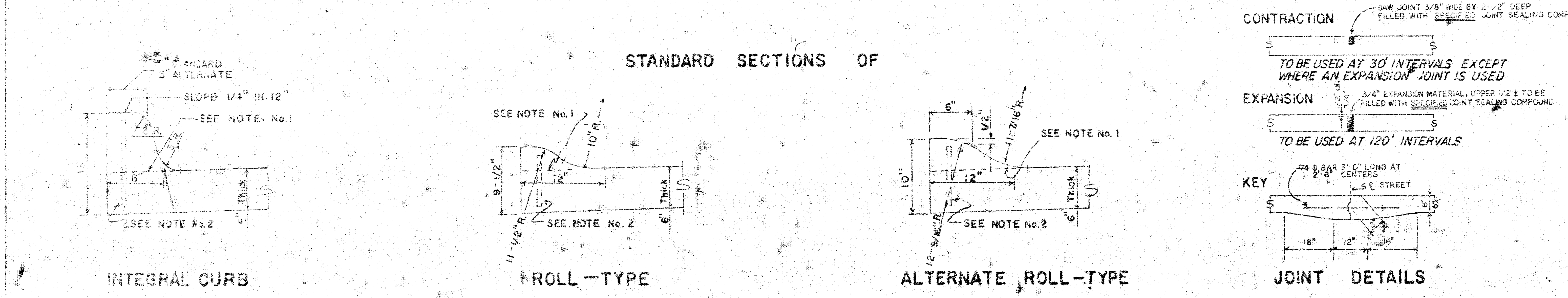
18TH STREET

E. L. SHERIDAN AVENUE TO W. L. CLAYTON AVENUE

TYPICAL SECTIONS OF 30' CONCRETE PAVEMENT



7'-6"
PARABOLIC CURVE
8'-0"
SLOPE 3/8" IN 1'
SEE STANDARD CURB SECTIONS
6" CONCRETE (6 SACK)
KEY JT.
Subgrade as per CITY SPECIFICATIONS
1/16"
5/16"
1/2"
3/4"
1-1/16"
1-7/16"
2-3/16"
2-15/16"
3-11/16"
2-9/16"
1'-8"
1'-0"
2'-0"
31'-0"
TYPICAL SECTION WITH STANDARD CROWN
2'-0"
ROUNDING
6" CONCRETE (6 SACK)
TYPICAL SECTION WITH ALTERNATE CROWN
15'-6"
14'-6"
6"
4'-0"
21'-0"
25'-0"
30'-0"
BACK OF CURB
SYMETRICAL ABOUT ℄
#4 ϕ BAR 3'-0" LONG AT 2'-6" CENTERS
STEEL PATTERN
STEEL PATTERN



STANDARD SECTIONS OF
STANDARD
ALTERNATE
SLOPE 1/4" IN 12"
SEE NOTE No.1
SEE NOTE No.2
INTEGRAL CURB
SEE NOTE No.1
10" R.
9-1/2"
12"
1 1/2" R.
SEE NOTE No. 2
ROLL-TYPE
6"
1/2"
11-7/16 R.
SEE NOTE No. 1
10"
12"
SEE NOTE No.2
ALTERNATE ROLL-TYPE
CONTRACTION
SAW JOINT 3/8" WIDE BY 2-1/2" DEEP FILLED WITH SPECIFIED JOINT SEALING COMPOUND
TO BE USED AT 30' INTERVALS EXCEPT WHERE AN EXPANSION JOINT IS USED
EXPANSION
3/4" EXPANSION MATERIAL, UPPER 1/2" TO BE FILLED WITH SPECIFIED JOINT SEALING COMPOUND
TO BE USED AT 120' INTERVALS
KEY
#4 ϕ BAR 3'-0" LONG AT 2'-6" CENTERS
℄ STREET
18"
12"
JOINT DETAILS

GENERAL NOTES

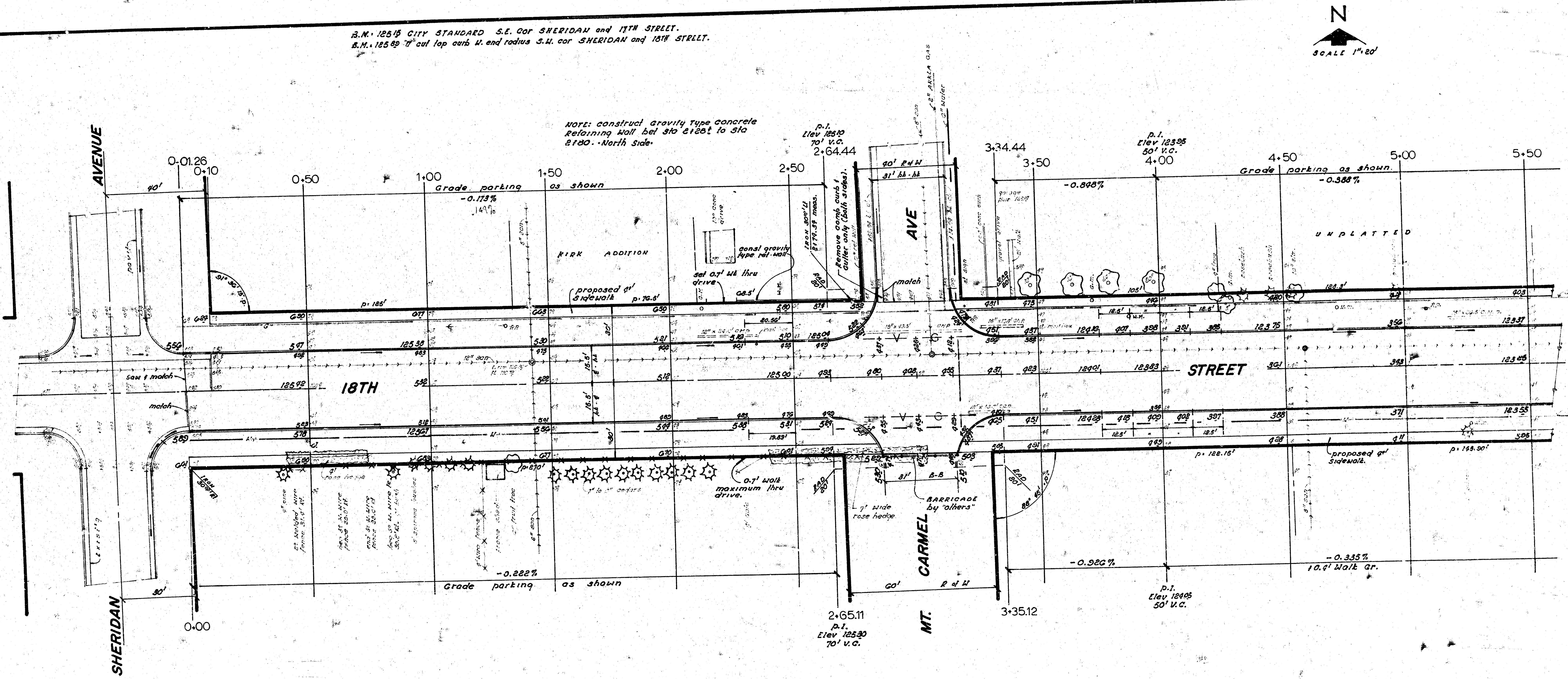
1. CONTRACTION JOINTS MAY BE CONSTRUCTED IN INTEGRAL CURB BY SAWING WITH AN APPROVED CONCRETE SAW. THE SAW CUT SHALL EXTEND THROUGH THE CURB TO THE PAVEMENT. SAWED CONTRACTION JOINTS SHALL HAVE A MAXIMUM SPACING OF 10'.

2. INTEGRAL CURB SHALL BE TIED TO THE PAVEMENT BASE WITH SHORT DEFORMED DOWEL BARS SPACED AT 2'-6" INTERVALS. THESE DOWEL BARS SHALL NOT BE LESS THAN 1/2" OR MORE THAN 3/4" IN DIAMETER.

CITY OF WICHITA, KAN
Department of Public Works Engineeri
R.W. Lil
City E
Date:
1/4
Project
DAKS

FILMED FROM THE BEST AVAILABLE COPY ....

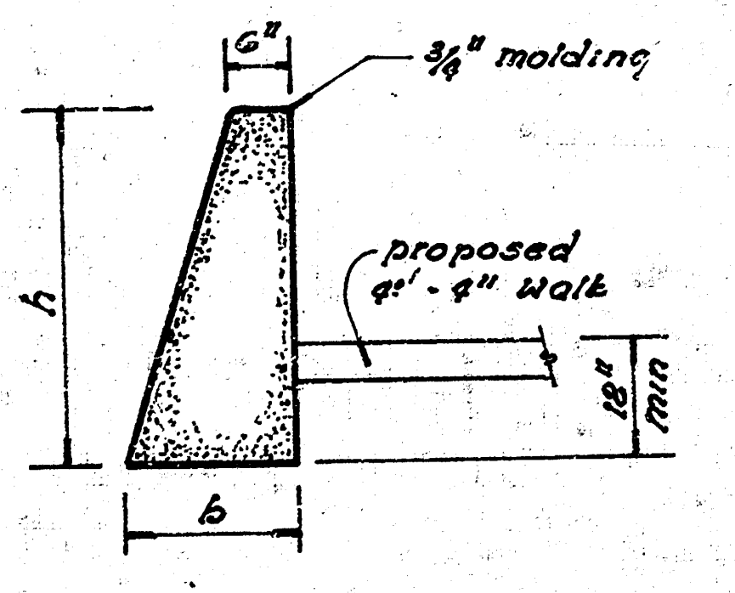
B.M.: 125.15 CITY STANDARD S.E. Cor SHERIDAN and 17TH STREET.
B.M.: 125.89 "⊓" cut top curb W. end radius S.W. cor SHERIDAN and 18TH STREET.


N
SCALE 1"=20'
AVENUE
SHERIDAN
18TH
STREET
AVE
MT. CARMEL
0-01.26
0+10
0+50
1+00
1+50
2+00
2+50
2+64.44
3+34.44
3+50
4+00
4+50
5+00
5+50
0.00
2+65.11
3+35.12
Grade parking as shown
-0.173%
-0.848%
-0.388%
-0.222%
-0.926%
-0.335%
10.7' Walk Gr.
p.I. Elev 125.10 70' V.C.
p.I. Elev 123.95 50' V.C.
p.I. Elev 125.30 70' V.C.
p.I. Elev 124.05 50' V.C.
KIRK ADDITION
UNPLATTED
40' R of W
31' bk-bk
60' R of W
31' B-B
2" ARKLA GAS
6" water
8" san
Remove comb curb & Gutter only (both sides).
IRON 30.0' Lt 2174.34 meas.
const gravity type ret-wall
set 0.7' wk thru drive
proposed 4' sidewalk
match
saw & match
RAD 20'
0.7' walk maximum thru drive.
7' wide rose hedge.
BARRICADE by "others"
proposed 4' sidewalk.
18.5'
105'
19.89'
20.56'
125.04
125.00
124.01
123.83
124.28
125.38
125.92

NOTE: construct Gravity Type concrete Retaining Wall bet Sta 2+28± to Sta 2+80. ·North Side·

SURVEY · RIGGS BK AR 77
PLAN · elliott
EXC.
CHECKED.

DIMENSIONS		conc / ft
h	b	cu yds
1'-9"	11"	.046
2'-0"	13"	.059
2'-3"	15"	.073
2'-6"	17"	.089
2'-9"	18 1/2"	.104
3'-0"	20"	.120


6"
3/4" molding
h
b
proposed 4'-4" walk
18" min

GRAVITY TYPE ~ Concrete
Retaining Wall.

··SIDEWALK··
Grade parkings and clear R of W for proposed sidewalk. compact fill in walk area. Walk to be constructed by "others".

··EARTHWORK··

··PROPERTY··

EXCAVATION
1343.5 CU YDS
+10% 134.4 " "
1477.9 CU YDS

C. FILL
6.7 CU YDS
+10% .7 " "
7.4 CU YDS

··CITY··

EXCAVATION
300.9 CU YDS
+10% 30.1 " "
331.0 CU YDS

C. FILL
0.6 CU YD
+10% .1 " "
0.7 CU YD

3,040 SQ YDS Manipulation ~ 800 SQ YDS Manipulation

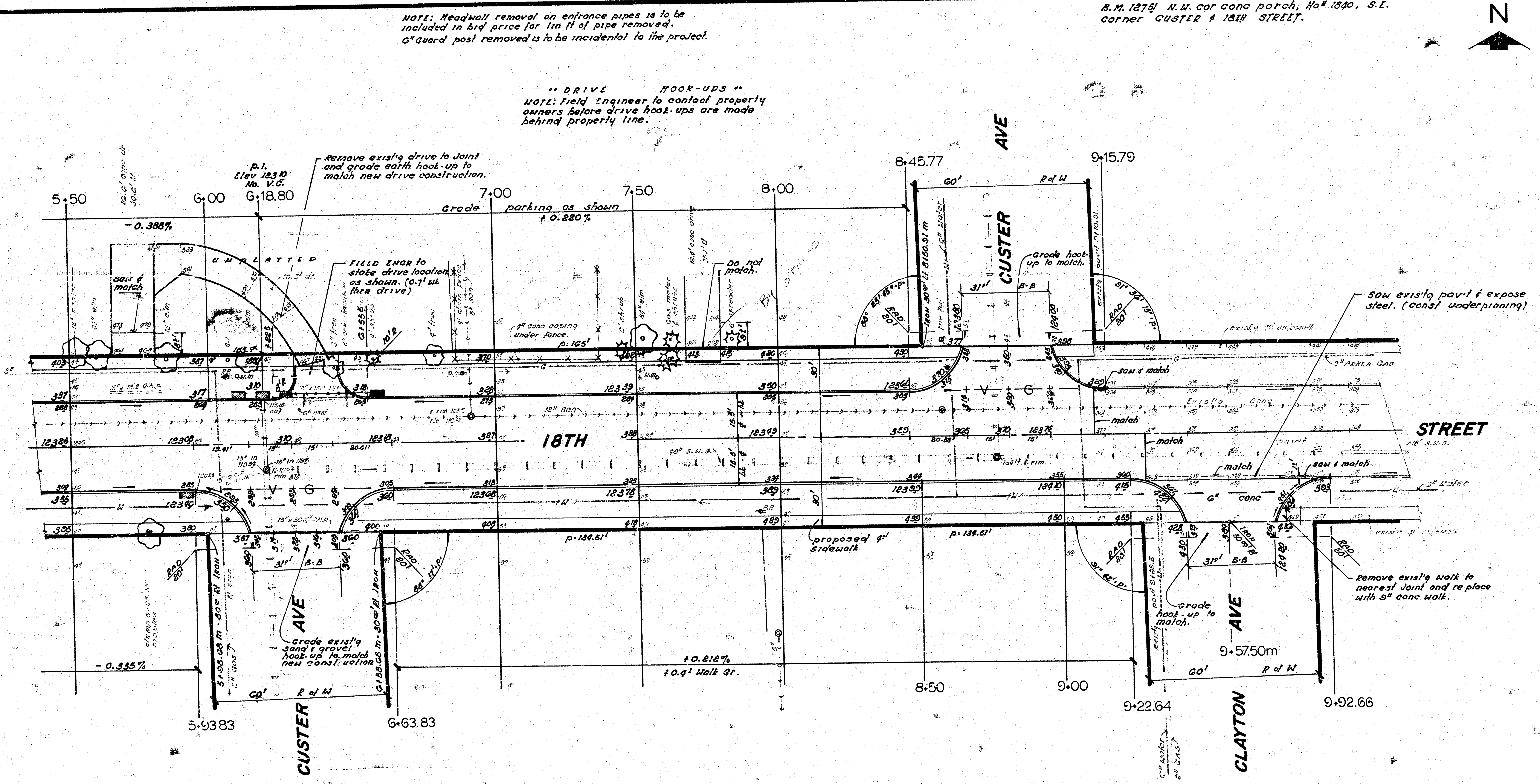
18TH STREET
E.L. SHERIDAN To W.L. CLAYTON
CITY of WICHITA, KANSAS
(30'~6"~ Concrete & Curb)
R.W. LINN CITY ENGINEER
DATE Proj No. DAKS 57410E 2/4

2/5

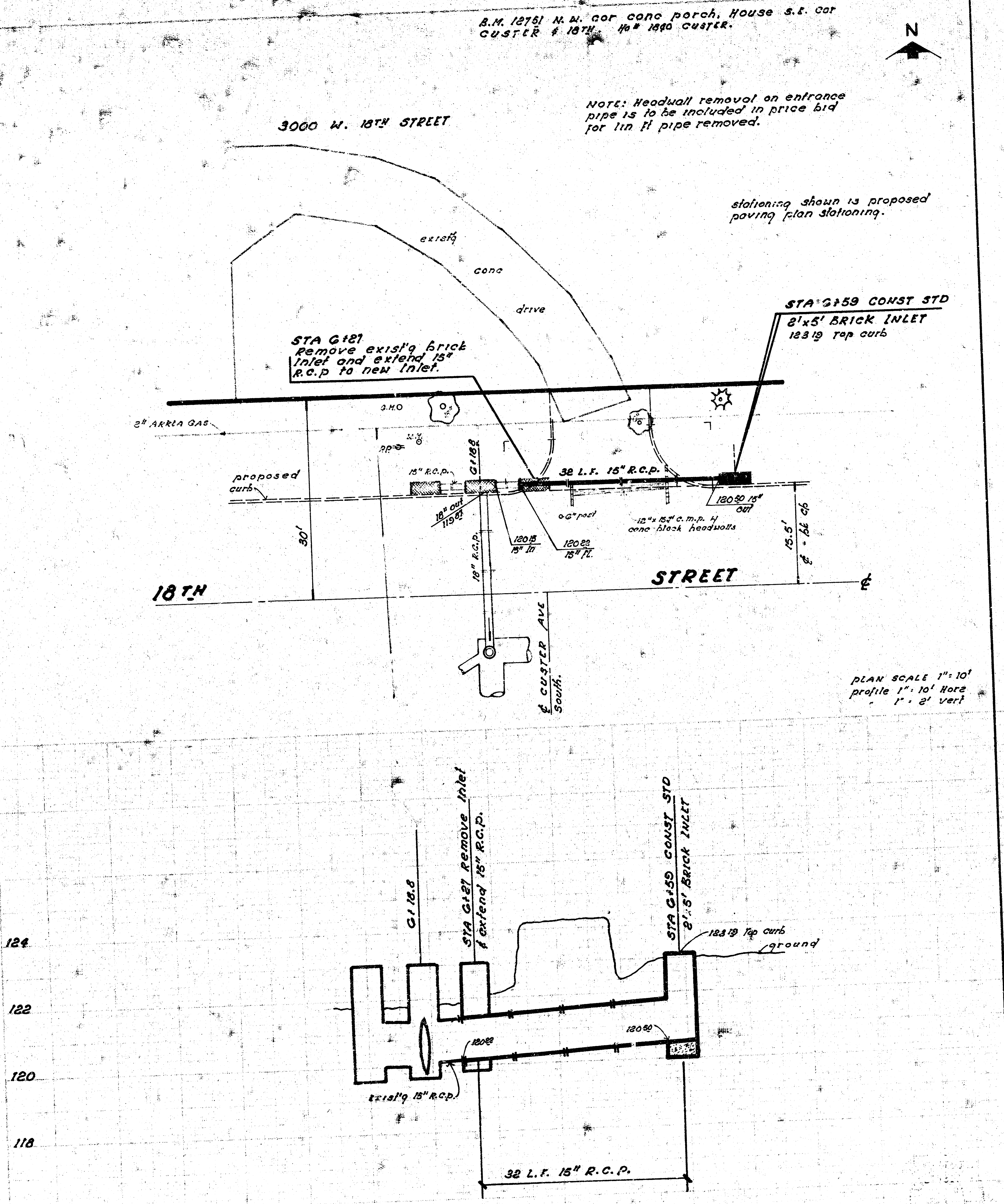
NOTE: Headwall removal on entrance pipes is to be included in bid price for lin ft of pipe removed.
6" Guard post removed is to be incidental to the project.

B.M. 1275.1 N.W. cor conc porch, Ho# 1840, S.E. corner CUSTER & 18TH STREET.

•• DRIVE HOOK-UPS ••
NOTE: Field Engineer to contact property owners before drive hook-ups are made behind property line.


N
5+50
6+00
6+18.80
P.I. Elev 1231.0 No. V.C.
7+00
7+50
8+00
8+45.77
9+15.79
Remove exist'g drive to Joint and grade earth hook-up to match new drive construction.
Grade parking as shown +0.280%
-0.388%
UNPLATTED
saw & match
FIELD ENGR to stake drive location as shown. (0.7' Wt thru drive)
Do not match.
CUSTER AVE
60' R of W
B-B
Grade hook-up to match.
Saw exist'g pav't & expose steel. (Const underpinning)
saw & match
match
18TH
STREET
V G
proposed 9" sidewalk
p. 134.51'
Grade exist'g sand & gravel hook-up to match new construction
CUSTER AVE
-0.335%
+0.212%
+0.4' Walk Gr.
5+93.83
6+63.83
8+50
9+00
9+22.64
9+57.50m
9+92.66
Grade hook-up to match.
CLAYTON AVE
Remove exist'g walk to nearest Joint and replace with 9" conc walk.

Proj No. DAKS574108


N
3000 W. 18TH STREET
exist'g
conc
drive
STA G+59 CONST STD
2'x5' BRICK INLET
123.19 Top curb
STA G+27
Remove exist'g brick
Inlet and extend 15"
R.C.P to new Inlet.
G.M.O
2" Arkla GAS
W.M.
PP
15" R.C.P.
G+18.8
32 L.F. 15" R.C.P.
proposed
curb
18" out
119.87
120.15
15" In
120.22
15" Fl.
o.G" post
12"x 15.7" C.M.P. 4
conc block headwalls
120.50 15"
out
30'
15.5'
¢ - 97 ds
18TH
STREET
¢
18" R.C.P.
¢ CUSTER AVE
South.
G+18.8
STA G+27 Remove Inlet
& extend 15" R.C.P.
STA G+59 CONST STD
2'x5' BRICK INLET
123.19 Top curb
ground
124
122
120
118
120.22
120.50
exist'g 15" R.C.P.
32 L.F. 15" R.C.P.

B.M. 127.51 N.W. cor conc porch, House S.E. cor CUSTER & 18TH. No# 1840 CUSTER.

Note: Headwall removal on entrance pipe is to be included in price bid for lin ft pipe removed.

stationing shown is proposed paving plan stationing.

PLAN SCALE 1" : 10'
profile 1" : 10' Horz
" 1" : 2' vert

DRAINAGE in connection with
paving 18TH ST E.L. Sheridan
to W.L. Clayton.
CITY of WICHITA, KANSAS
R.W. LINN CITY ENGINEER
Date: proj No. DAKD 674108