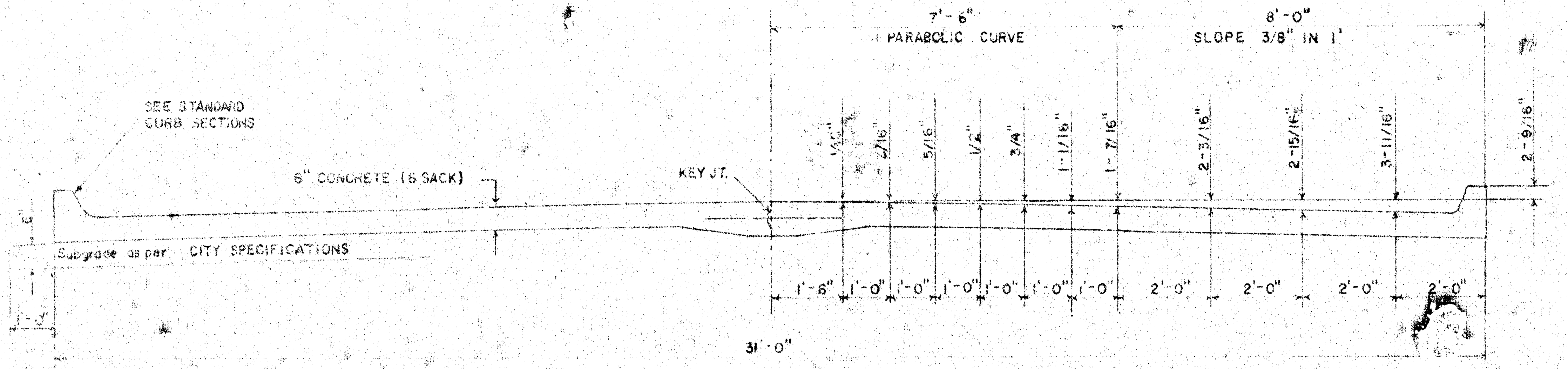
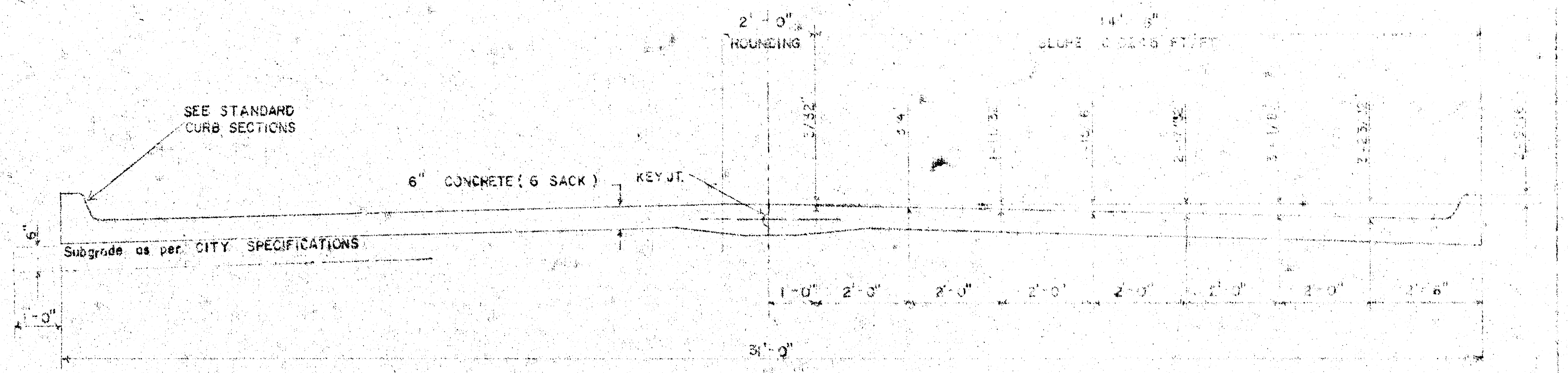
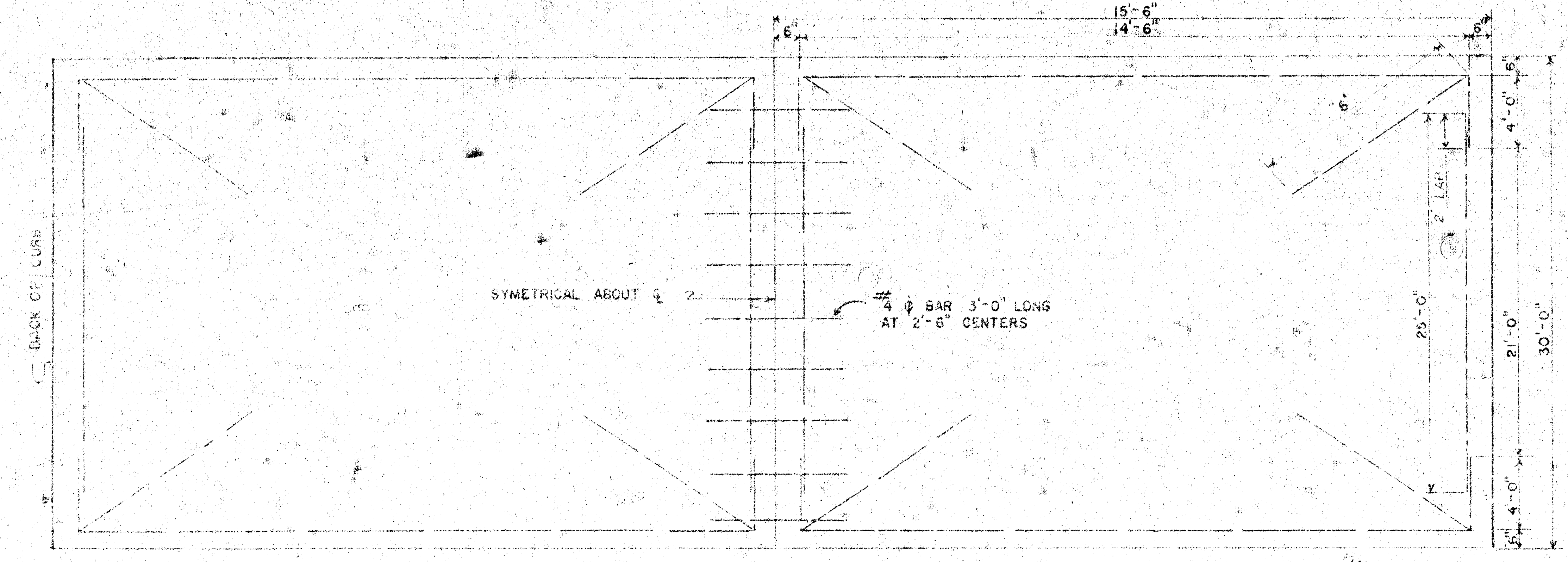
18TH STREET
E.L. SHERIDAN AVENUE TO W.L. CLAYTON AVENUE
TYPICAL SECTIONS OF 30' CONCRETE PAVEMENT


SEE STANDARD CURB SECTIONS
6" CONCRETE (6 SACK)
KEY JT.
Subgrade as per CITY SPECIFICATIONS
7'-6"
PARABOLIC CURVE
8'-0"
SLOPE 3/8" IN 1'
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'-6"
1'-0"
1'-0"
1'-0"
1'-0"
1'-0"
1'-0"
2'-0"
2'-0"
2'-0"
2'-0"
31'-0"
6"
1'-0"

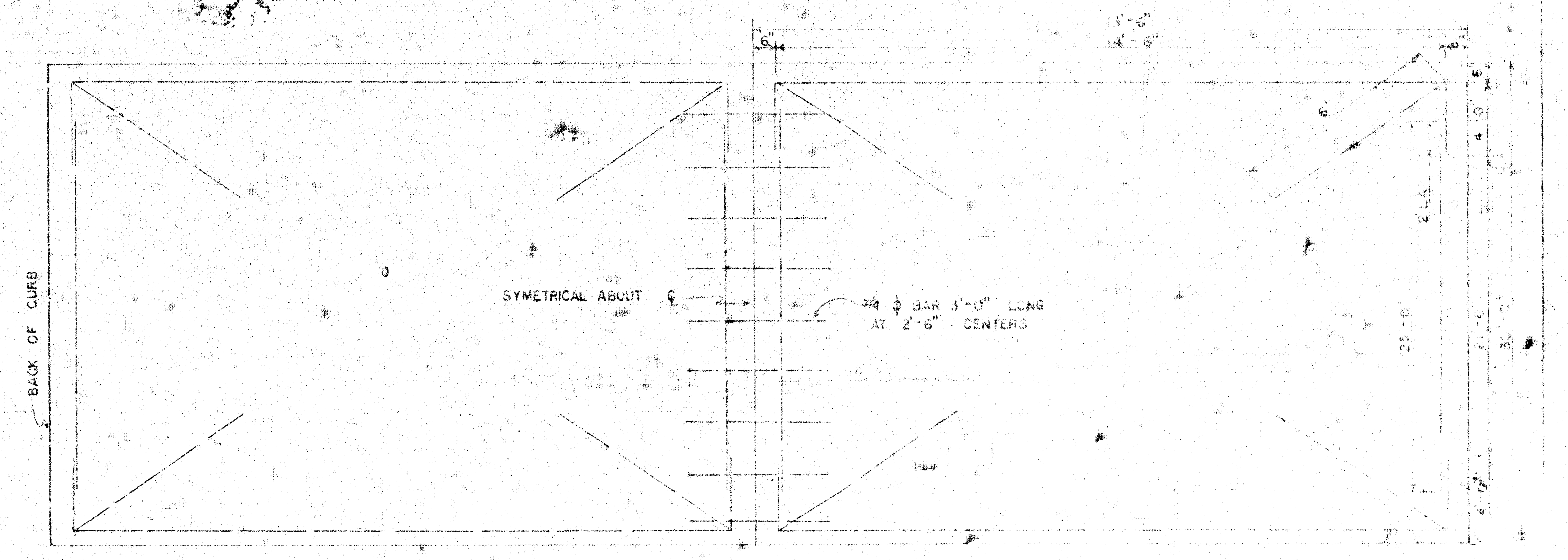
TYPICAL SECTION WITH STANDARD CROWN


2'-0"
ROUNDING
SEE STANDARD CURB SECTIONS
6" CONCRETE (6 SACK)
KEY JT.
Subgrade as per CITY SPECIFICATIONS
1'-0"
2'-0"
2'-0"
2'-0"
2'-0"
2'-0"
2'-0"
2'-6"
31'-0"
6"
1'-0"

TYPICAL SECTION WITH ALTERNATE CROWN

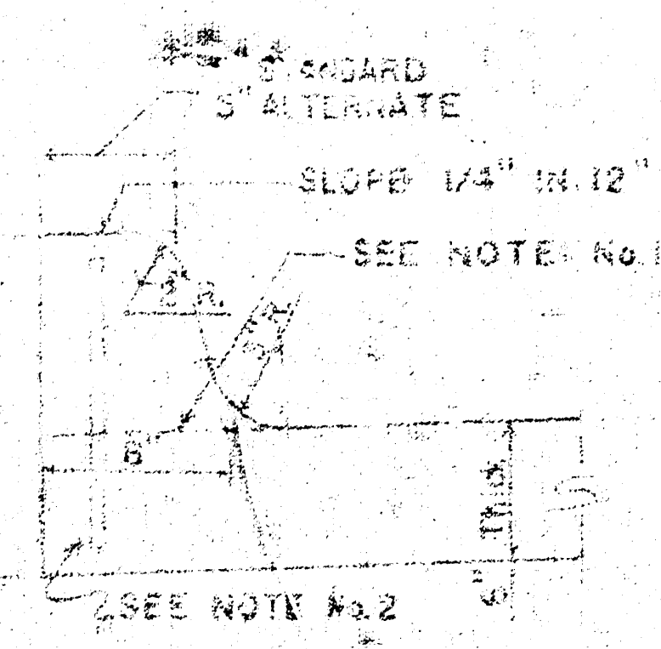

15'-6"
14'-6"
6"
6'
SYMETRICAL ABOUT ℄
#4 φ BAR 3'-0" LONG AT 2'-6" CENTERS
BACK OF CURB
4'-0"
2'-0"
25'-0"
21'-0"
30'-0"
4'-0"
6"

STEEL PATTERN

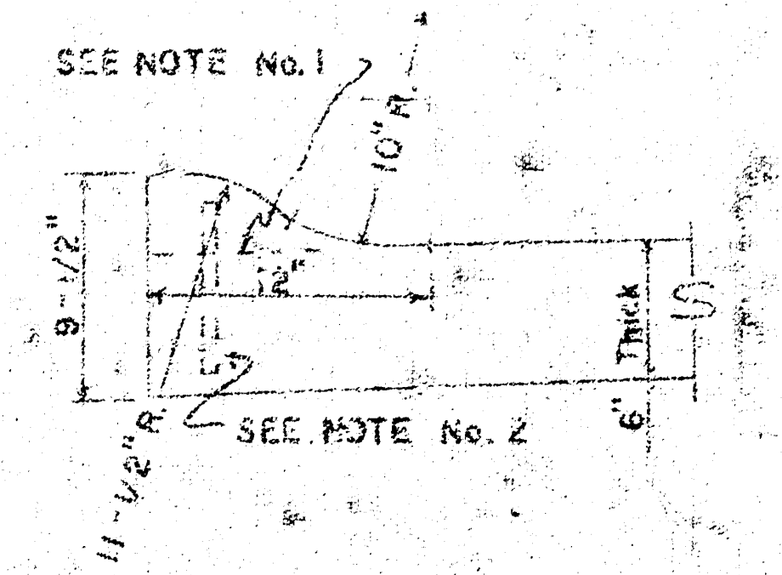

15'-6"
14'-6"
6"
6'
SYMETRICAL ABOUT ℄
#4 φ BAR 3'-0" LONG AT 2'-6" CENTERS
BACK OF CURB

STEEL PATTERN

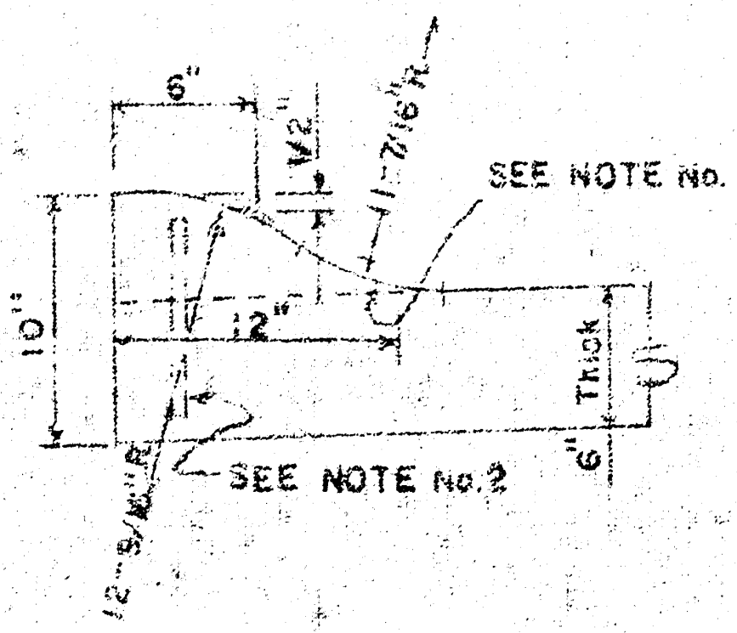
STANDARD SECTIONS OF


4" STANDARD
5" ALTERNATE
SLOPE 1/4" IN 12"
SEE NOTE No. 1
6"
SEE NOTE No. 2
Thick
6"

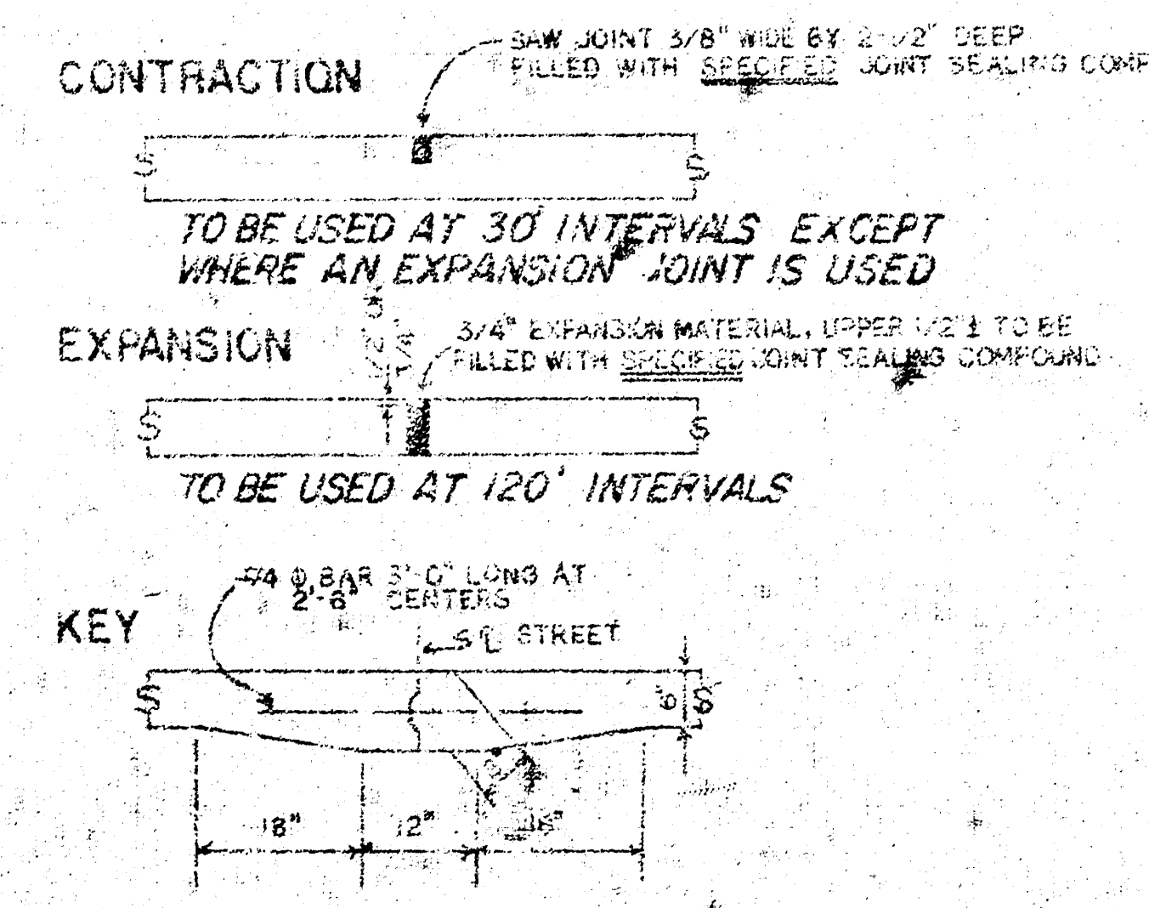
INTEGRAL CURB


SEE NOTE No. 1
10"R
9-1/2"
12"
11-1/2"R
SEE NOTE No. 2
Thick
6"

ROLL-TYPE


6"
1/2"
11-7/16"R
SEE NOTE No. 1
10"
12"
12-9/16"R
SEE NOTE No. 2
Thick
6"

ALTERNATE ROLL-TYPE


CONTRACTION
SAW JOINT 3/8" WIDE BY 2-1/2" DEEP FILLED WITH SPECIFIED JOINT SEALING COMPOUND
EXPANSION
3/4" EXPANSION MATERIAL, UPPER 1/2" TO BE FILLED WITH SPECIFIED JOINT SEALING COMPOUND
KEY
#4 φ BAR 3'-0" LONG AT 2'-6" CENTERS
℄ STREET
18"
12"
18"

TO BE USED AT 30' INTERVALS EXCEPT WHERE AN EXPANSION JOINT IS USED

TO BE USED AT 120' INTERVALS

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'.

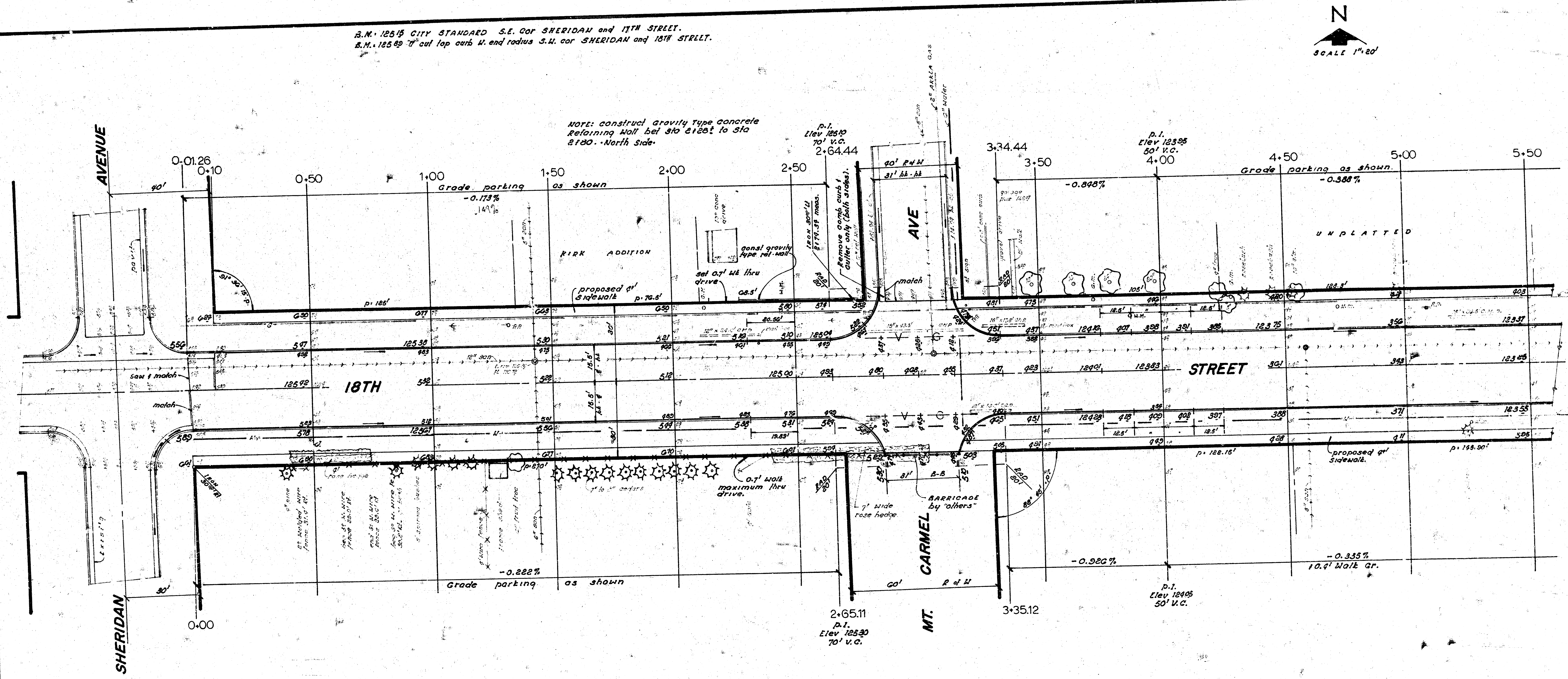
2. INTEGRAL CURB SHALL BE TIED TO THE PAVEMENT BASE WITH SHORT DEFORMED DOWEL BARS SPACED AT 2'-6" INTERVALS. THESE DOWEL BARS SHALL NOT BE LESS THAN 1/2" OR MORE THAN 3/4" IN DIAMETER.

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

FILMED FROM THE BEST AVAILABLE COPY ....

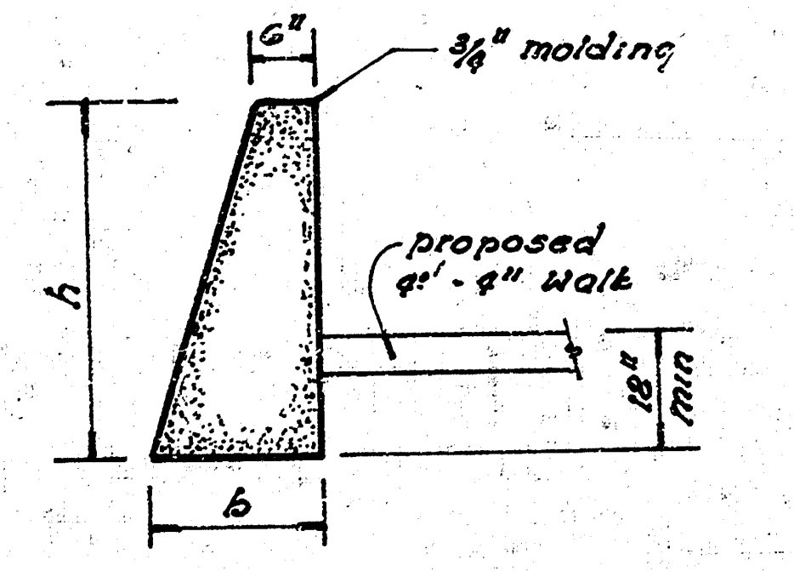
B.M. 125.15 CITY STANDARD S.E. Cor SHERIDAN and 17TH STREET.
B.M. 125.89 "⊓" cut top curb W. end radius S.W. cor SHERIDAN and 18TH STREET.

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


N
SCALE 1" = 20'
SHERIDAN AVENUE
18TH STREET
MT. CARMEL AVE
0-01.26
0+10
0+00
0+50
1+00
1+50
2+00
2+50
2+64.44
2+65.11
3+34.44
3+35.12
3+50
4+00
4+50
5+00
5+50
p.I. Elev 125.10 70' V.C.
p.I. Elev 125.30 70' V.C.
p.I. Elev 123.95 50' V.C.
p.I. Elev 124.05 50' V.C.
Grade parking as shown
-0.173%
-0.222%
-0.848%
-0.388%
-0.926%
-0.335%
10.7' Walk Gr.
KIRK ADDITION
UNPLATTED
proposed 4' sidewalk
const gravity type ret. wall
set 0.7' wk thru drive
IRON 300.0' Lt 2179.39 meas.
Remove comb curb & Gutter only (both sides).
match
saw & match
40' R of W
31' bk-bk
60' R of W
31' B-B
2" ARKLA GAS
6" water
RAD 20'
0.7' walk maximum thru drive.
7' wide rose hedge
BARRICADE by "others"
88° 45'
125.00
125.38
125.92
124.01
123.83
124.28
123.55
123.37
123.45

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 ½"	.104
3'-0"	20"	.120


6"
¾" 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	C. FILL
	1343.5 CU YDS	6.7 CU YDS
110%	134.4 " "	.7 " "
	1477.9 CU YDS	7.4 CU YDS

3,040 SQ YDS Manipulation

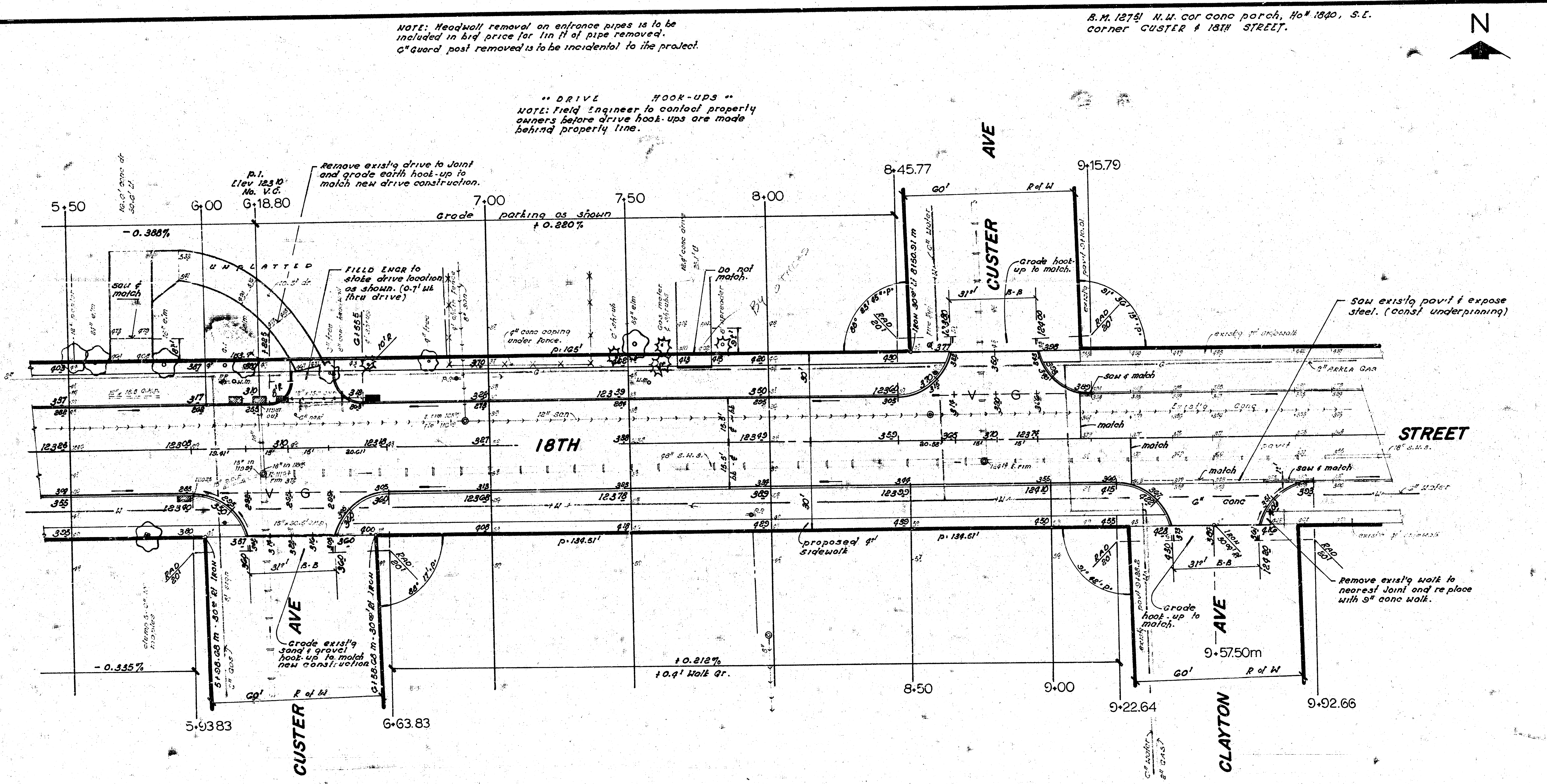
CITY

	EXCAVATION	C. FILL
	300.9 CU YDS	0.6 CU YD
110%	30.1 " "	.1 " "
	331.0 CU YDS	0.7 CU YD

800 SQ YDS Manipulation

2/5

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 574108 2/4



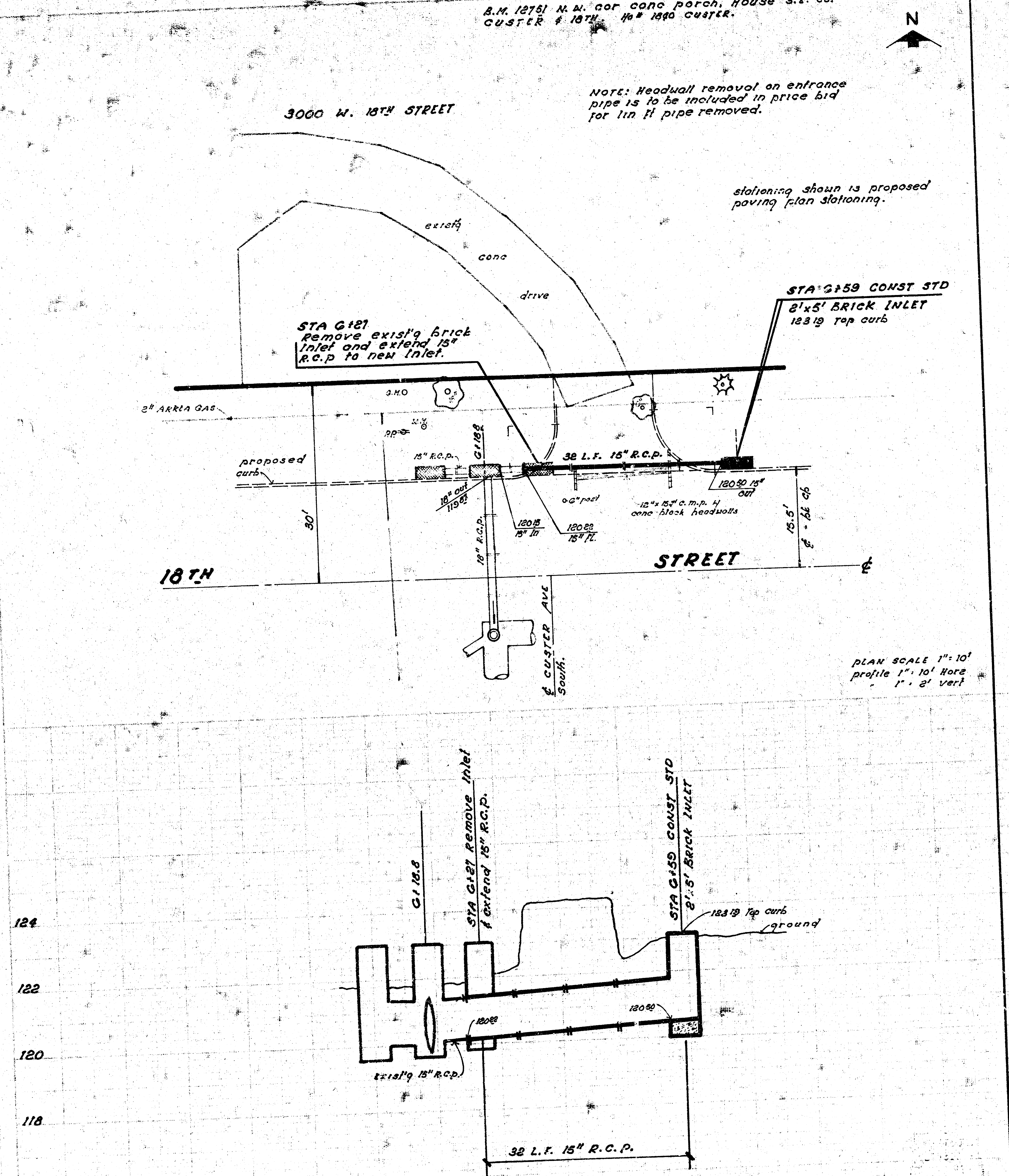
NOTE: Headwall removal on entrance pipes is to be included in bid price for lin ft of pipe removed.
6" Guard post removed is to be incidental to the project.

B.M. 1275! 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
18TH
STREET
CUSTER AVE
CUSTER AVE
CLAYTON AVE
5+50
6+00
6+18.80
7+00
7+50
8+00
8+45.77
8+50
9+00
9+15.79
9+22.64
9+57.50m
9+92.66
5+93.83
6+63.83
P.I. Elev 123.10 No. V.C.
-0.388%
Grade parking as shown +0.220%
-0.335%
+0.212%
+0.4' Walk Gr.
UNPLATTED
saw & match
Remove exist'g drive to joint and grade earth hook-up to match new drive construction.
FIELD ENGR to stake drive location as shown. (0.7' wt thru drive)
4" conc coping under fence.
Do not match.
Grade hook-up to match.
Saw exist'g pav't & expose steel. (const underpinning)
existg 9' sidewalk
2" ARKLA GAS
saw & match
match
match
match
saw & match
Exist'g conc
pav't
18" S.W.S.
2" water
6" conc
12" san
proposed 4' sidewalk
p. 134.51'
p. 165'
Grade exist'g sand & gravel hook-up to match new construction
Grade hook-up to match.
Remove exist'g walk to nearest joint and re place with 9" conc walk.
60' R of W
31' B-B
RAD 20'
30'
V G

3/4



N
3000 W. 18TH STREET
exist'g
conc
drive
STA G+59 CONST STD
2'x5' BRICK INLET
123.19 Top curb
STA G+21
Remove exist'g brick inlet and extend 15" R.C.P to new inlet.
G.M.O
2" AKRLA GAS
W.M.
P.P.
G+18.8
15" R.C.P.
32 L.F. 15" R.C.P.
proposed curb
18" out
119.87
0.6" post
12"x15" C.M.P. W conc block headwalls
120.50 15" out
120.15
15" In
120.22
15" Fl.
30'
15.5'
℄ - b.c.
18TH
STREET
℄
18" R.C.P.
℄ CUSTER AVE
South.
G+18.8
STA G+21 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