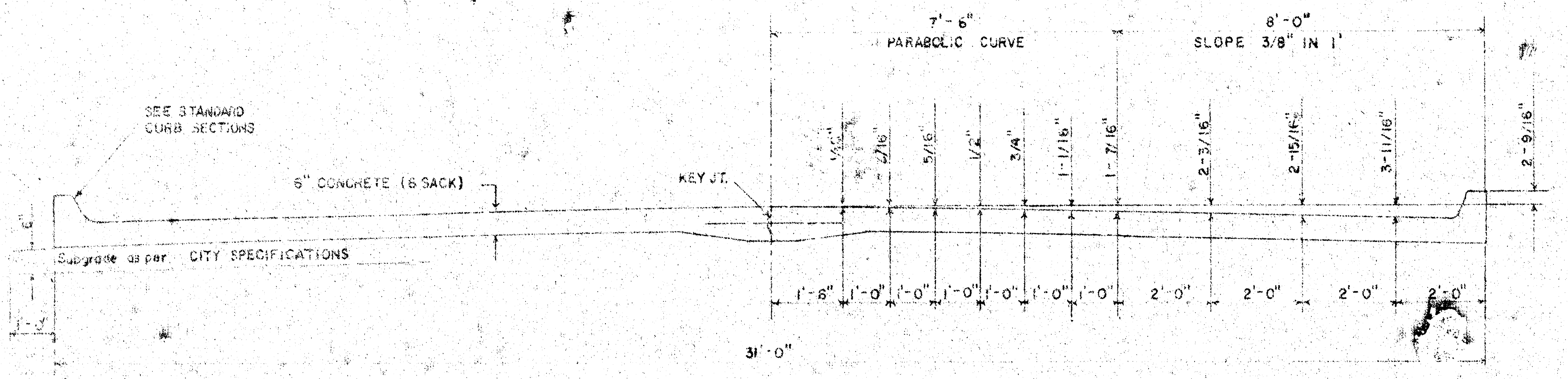
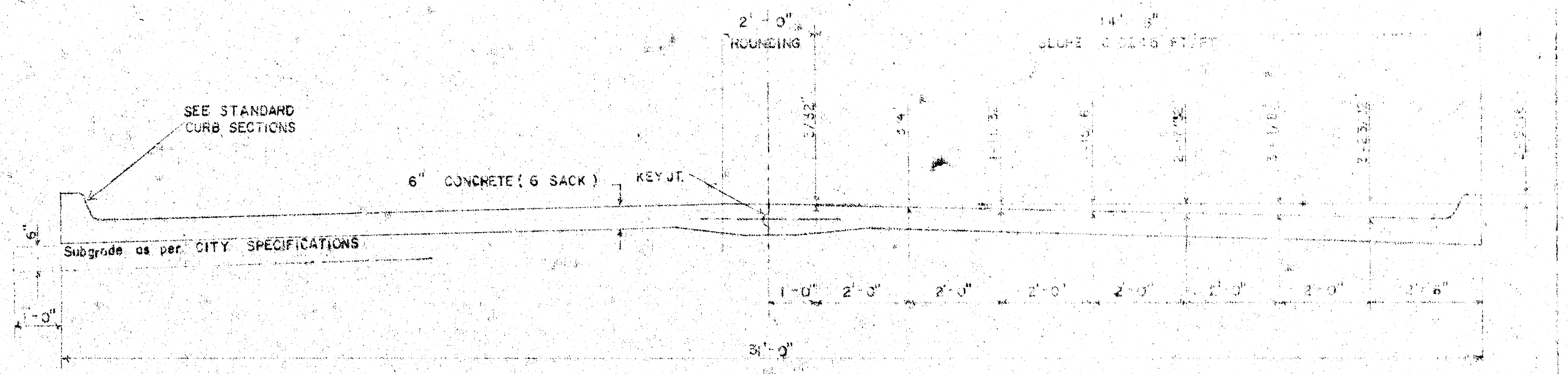
18TH STREET

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

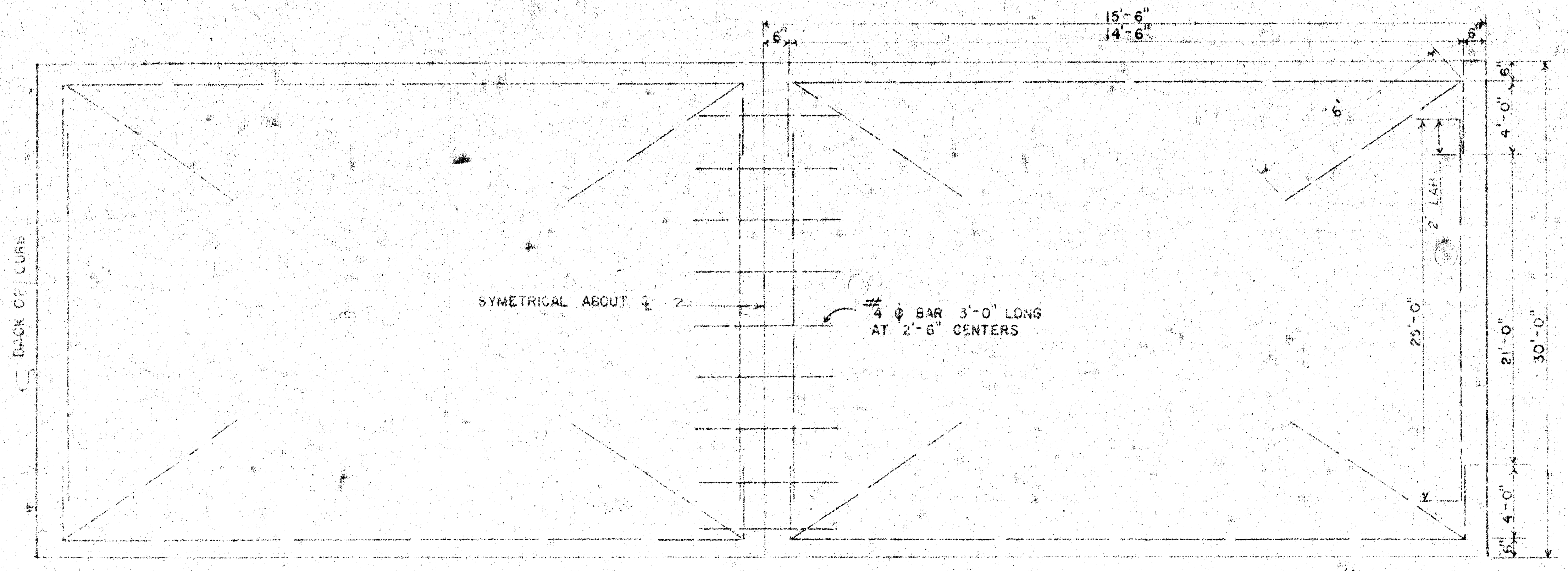
TYPICAL SECTIONS OF 30' CONCRETE PAVEMENT


7'-6"
PARABOLIC CURVE
8'-0"
SLOPE 3/8" IN 1'
SEE STANDARD CURB SECTIONS
6" CONCRETE (6 SACK)
KEY JT.
5/16"
1/2"
3/4"
1-1/16"
1-7/16"
2-3/16"
2-15/16"
3-11/16"
2-9/16"
6"
Subgrade as per CITY SPECIFICATIONS
1'-0"
1'-6"
1'-0"
2'-0"
31'-0"

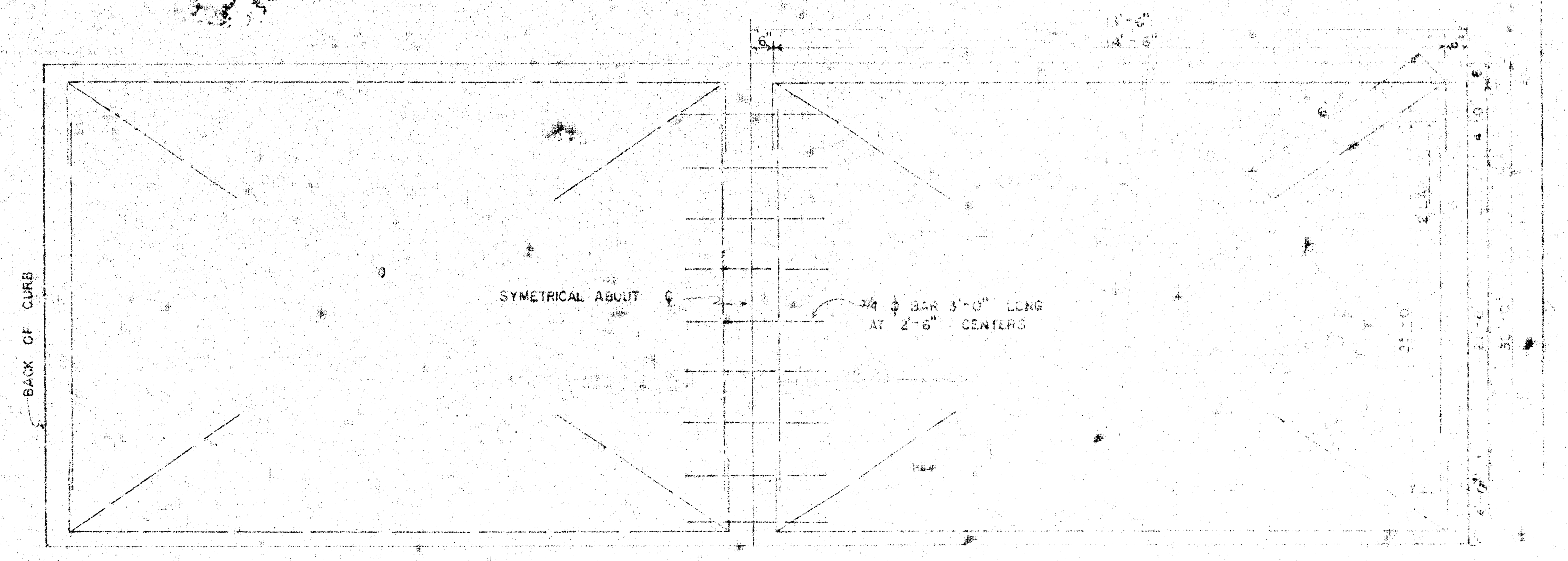
TYPICAL SECTION WITH STANDARD CROWN


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

TYPICAL SECTION WITH ALTERNATE CROWN

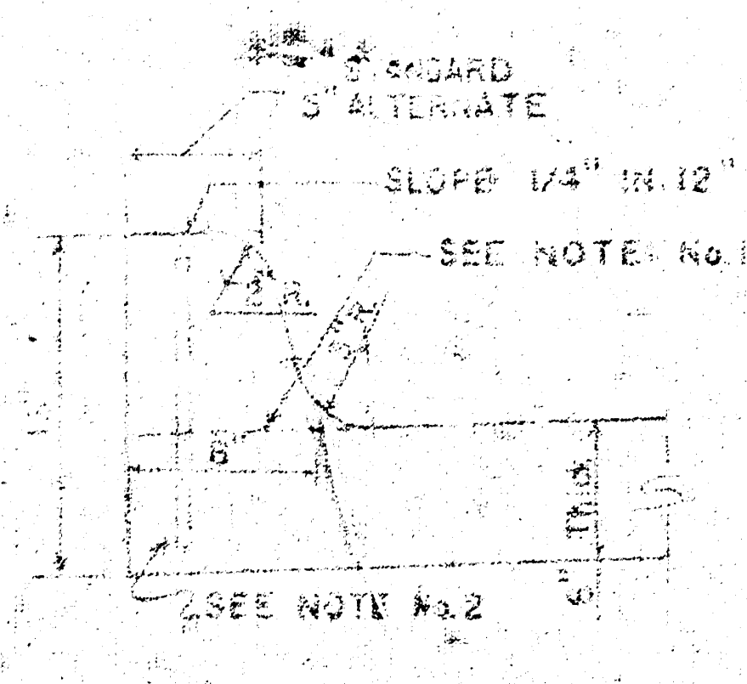

15'-6"
14'-6"
6"
4'-0"
2'-0"
29'-0"
21'-0"
30'-0"
4'-0"
BACK OF CURB
SYMETRICAL ABOUT ℄
#4 ϕ BAR 3'-0" LONG AT 2'-6" CENTERS

STEEL PATTERN

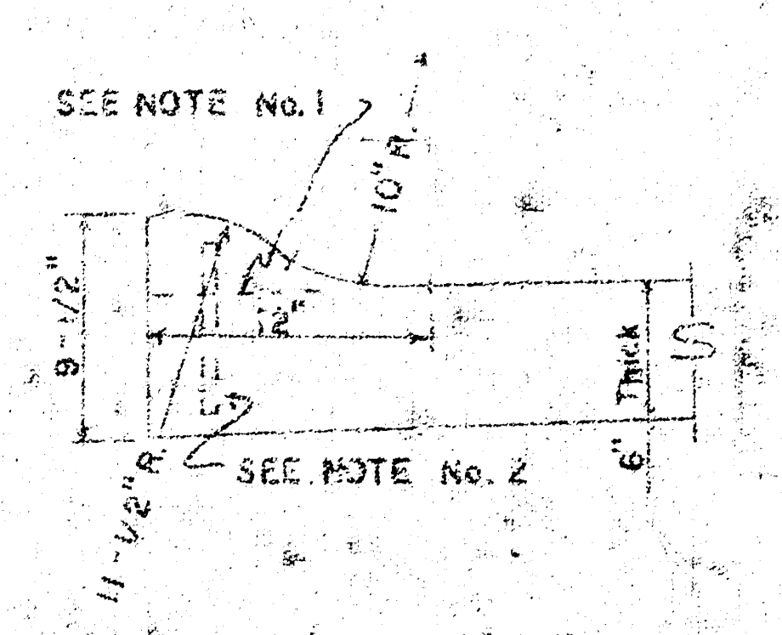

BACK OF CURB
SYMETRICAL ABOUT ℄
#4 ϕ BAR 3'-0" LONG AT 2'-6" CENTERS
6"

STEEL PATTERN

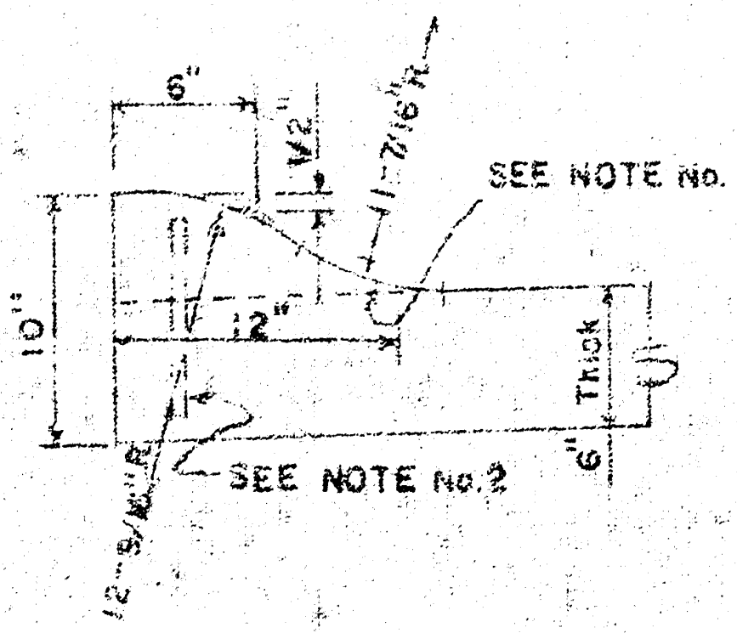
STANDARD SECTIONS OF


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

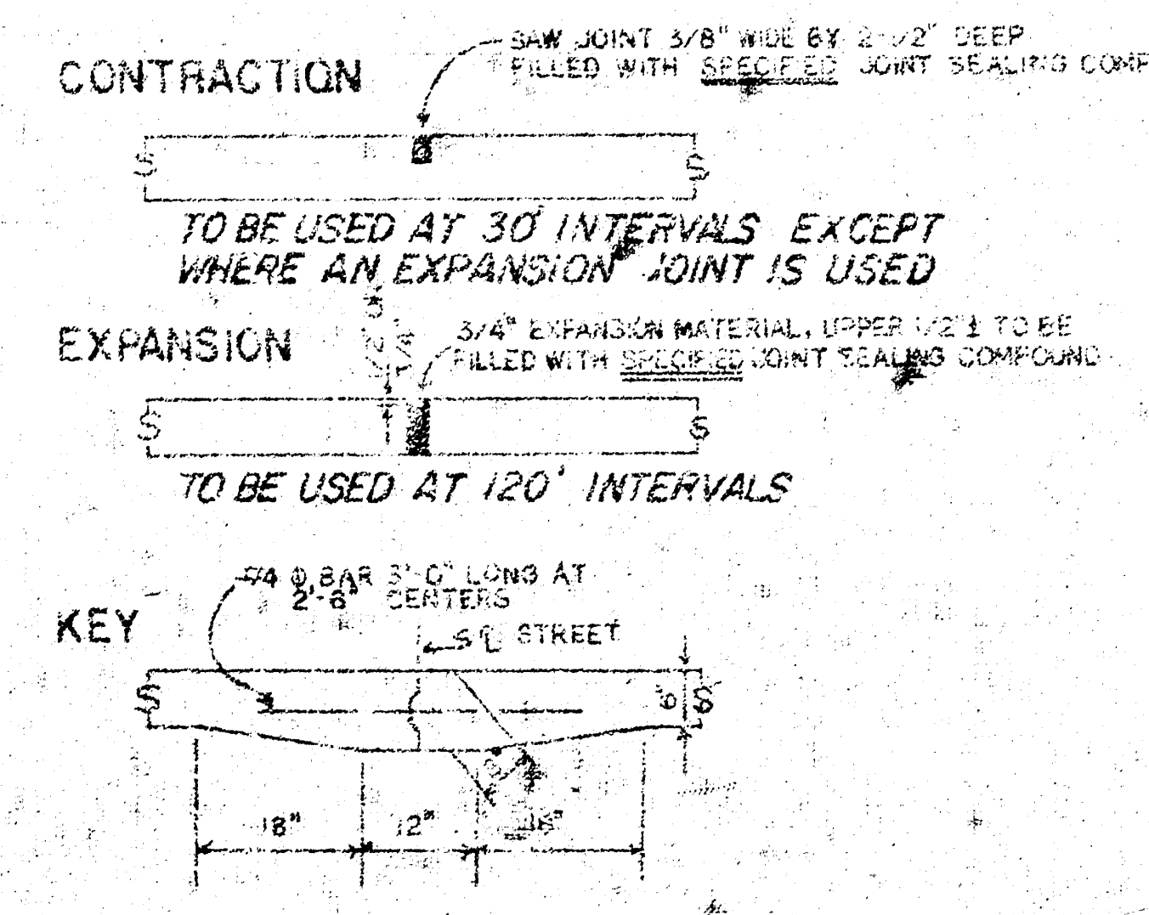
INTEGRAL CURB


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

ROLL-TYPE


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

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"
18"
6"

JOINT DETAILS

GENERAL NOTES

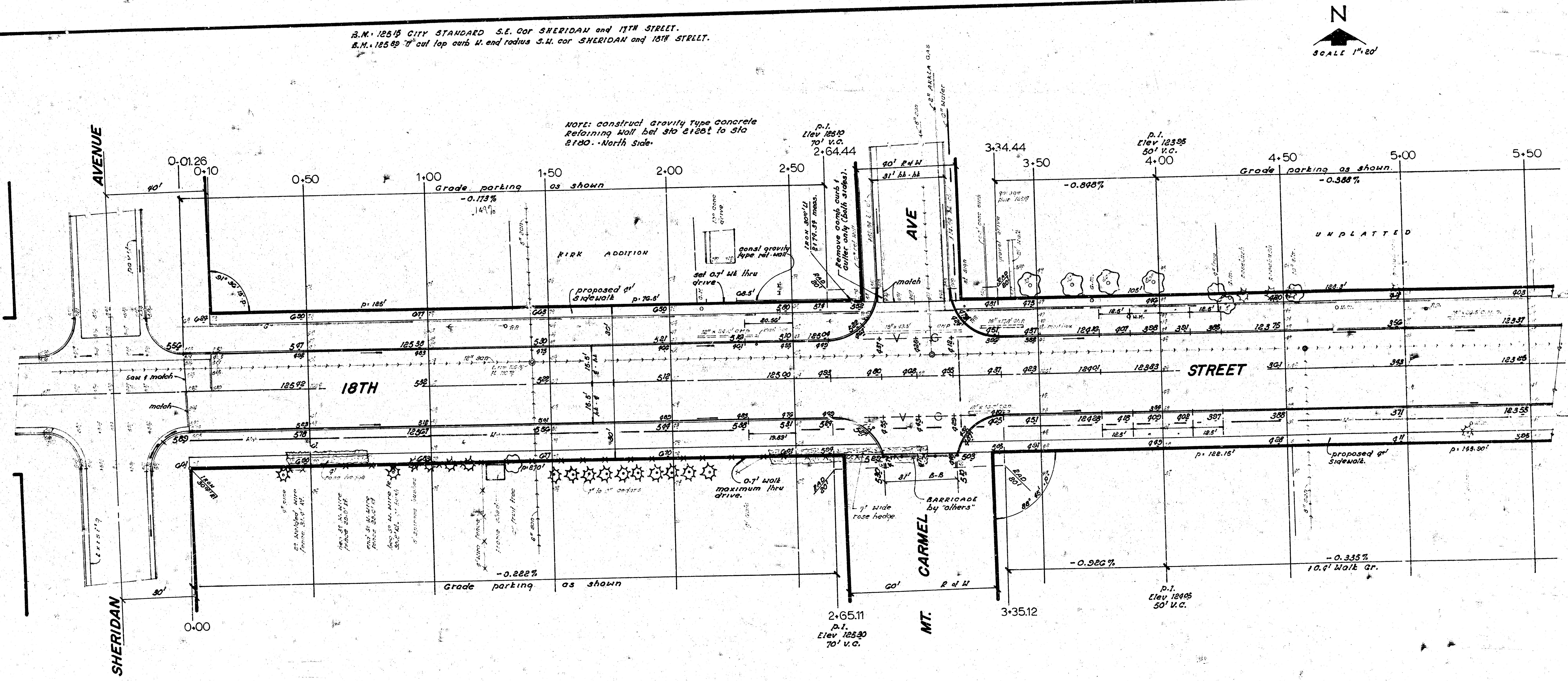
1. CONTRACTION JOINTS MAY BE CONSTRUCTED IN INTEGRAL CURB BY SAWING WITH AN APPROVED CONCRETE SAW. THE SAW CUT SHALL EXTEND THROUGH THE CURB TO THE PAVEMENT. SAWED CONTRACTION JOINTS SHALL HAVE A MAXIMUM SPACING OF 10'.

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. Lion City En
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 "T" cut top curb W. end radius S.W. cor SHERIDAN and 18TH STREET.

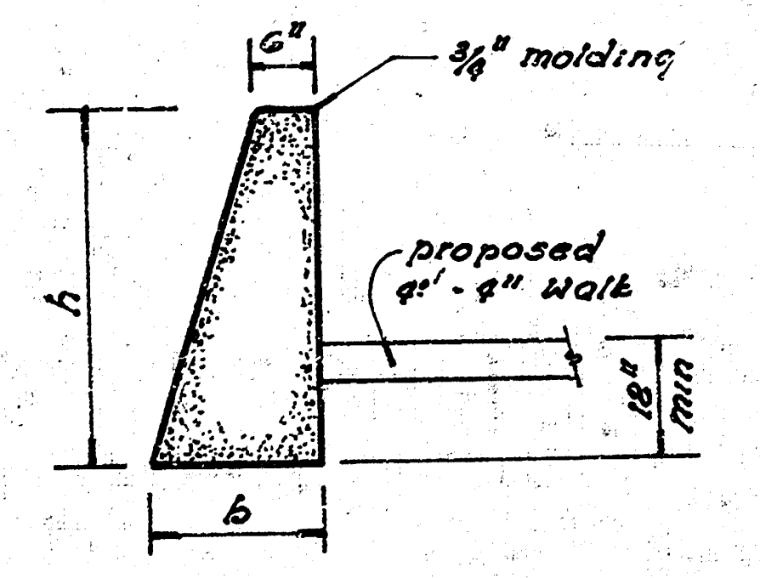


N
SCALE 1"=20'
AVENUE
SHERIDAN
18TH
STREET
AVE
MT.
CARMEL
0-01.26
0+10
0+50
1+00
1+50
2+00
2+50
2+64.44
3+34.44
3+50
4+00
4+50
5+00
5+50
0.00
2+65.11
3+35.12
Grade parking as shown
-0.173%
-0.898%
-0.388%
-0.222%
-0.986%
-0.335%
10.7' Walk Gr.
KIRK ADDITION
UNPLATTED
P.I. Elev 125.10 70' V.C.
P.I. Elev 123.85 50' V.C.
P.I. Elev 125.30 70' V.C.
P.I. Elev 124.05 50' V.C.
40' R/W
60' R/W
proposed 4' sidewalk
0.7' walk maximum thru drive.
4' wide rose hedge
BARRICADE by "others"
saw & match
match

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
proposed 4'-4" walk
18" min
b

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
110% 134.4 " "
1477.9 CU YDS

C. FILL
6.7 CU YDS
110% .7 " "
7.4 CU YDS

CITY

EXCAVATION
300.9 CU YDS
110% 30.1 " "
331.0 CU YDS

C. FILL
0.6 CU YD
110% .1 " "
0.7 CU YD

3,040 SQ YDS Manipulation — 800 SQ YDS Manipulation

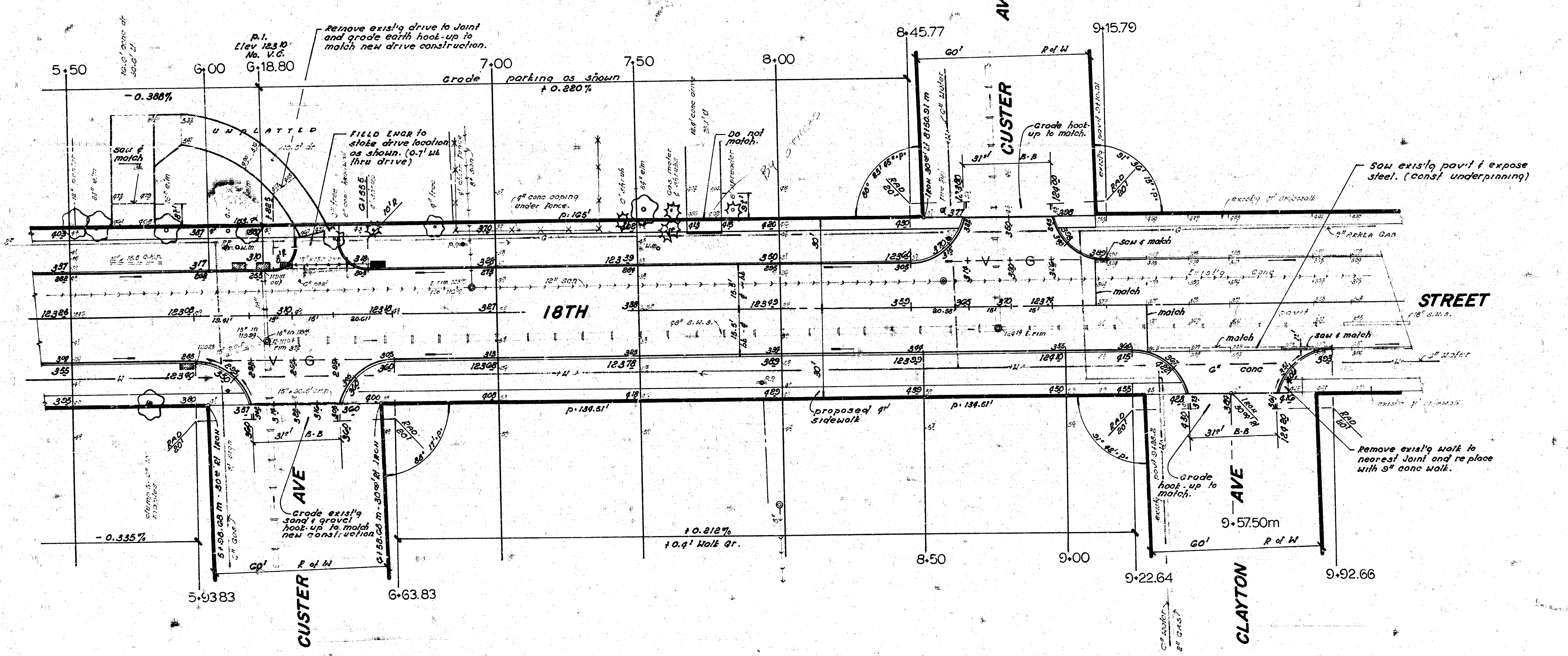
18TH STREET
E.L. SHERIDAN To W.L. CLAYTON
CITY of WICHITA, KANSAS
(30' – 6" – Concrete & Curb)
R.W. LINN CITY ENGINEER
DATE
Proj No. DAKS 57410E 2/4

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. 12751 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 123.10
No. V.C.
7+00
7+50
8+00
8+45.77
9+15.79
- 0.388%
Grade parking as shown
+ 0.220%
Remove exist'g drive to Joint and grade earth hook-up to match new drive construction.
UNPLATTED
saw & match
FIELD ENGR to stake drive location as shown. (0.7' wt thru drive)
4" conc coping under fence.
p: 165'
Do not match.
Gas meter & shrubs
AVE
CUSTER
60'
R of W
Grade hook-up to match.
B-B
RAD 20'
exist'g pavt
Saw exist'g pavt & expose steel. (const underpinning)
exist'g 9' sidewalk
2" ARKLA GAS
saw & match
Exist'g conc
match
18TH
STREET
18" S.W.S.
12" san
pavt
6" conc
3" water
V G
p. 134.51'
proposed 9' sidewalk
30'
Remove exist'g walk to nearest Joint and replace with 9" conc walk.
Grade exist'g sand & gravel hook-up to match new construction
Grade hook-up to match.
- 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
CUSTER
AVE
CLAYTON
AVE
6" water
2" GAS
31.0' B-B
By others

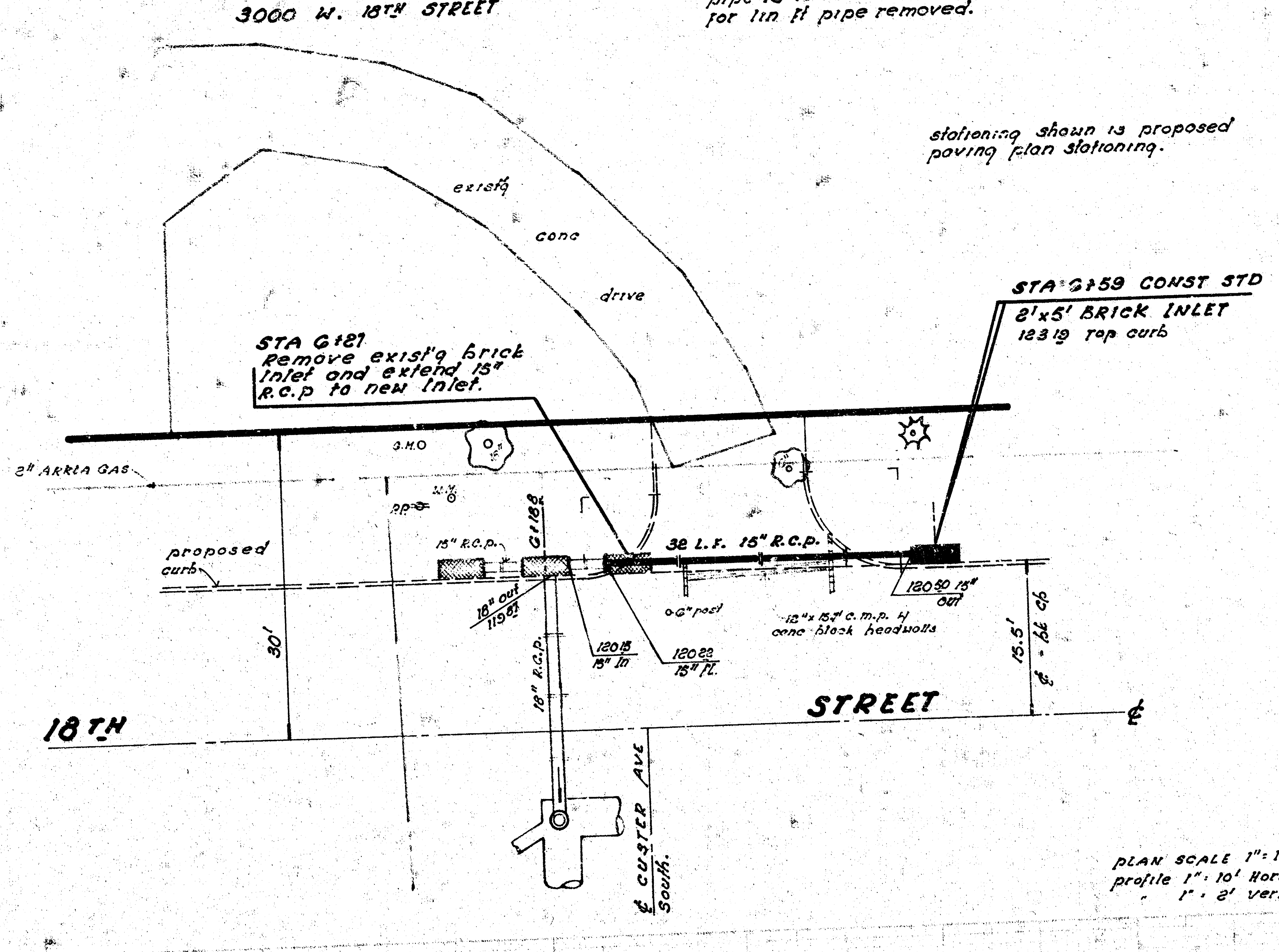
Proj No. DAKS574108

B.M. 127.51 N.W. cor conc porch, House S.E. cor CUSTER & 18TH. Ho# 1810 CUSTER.

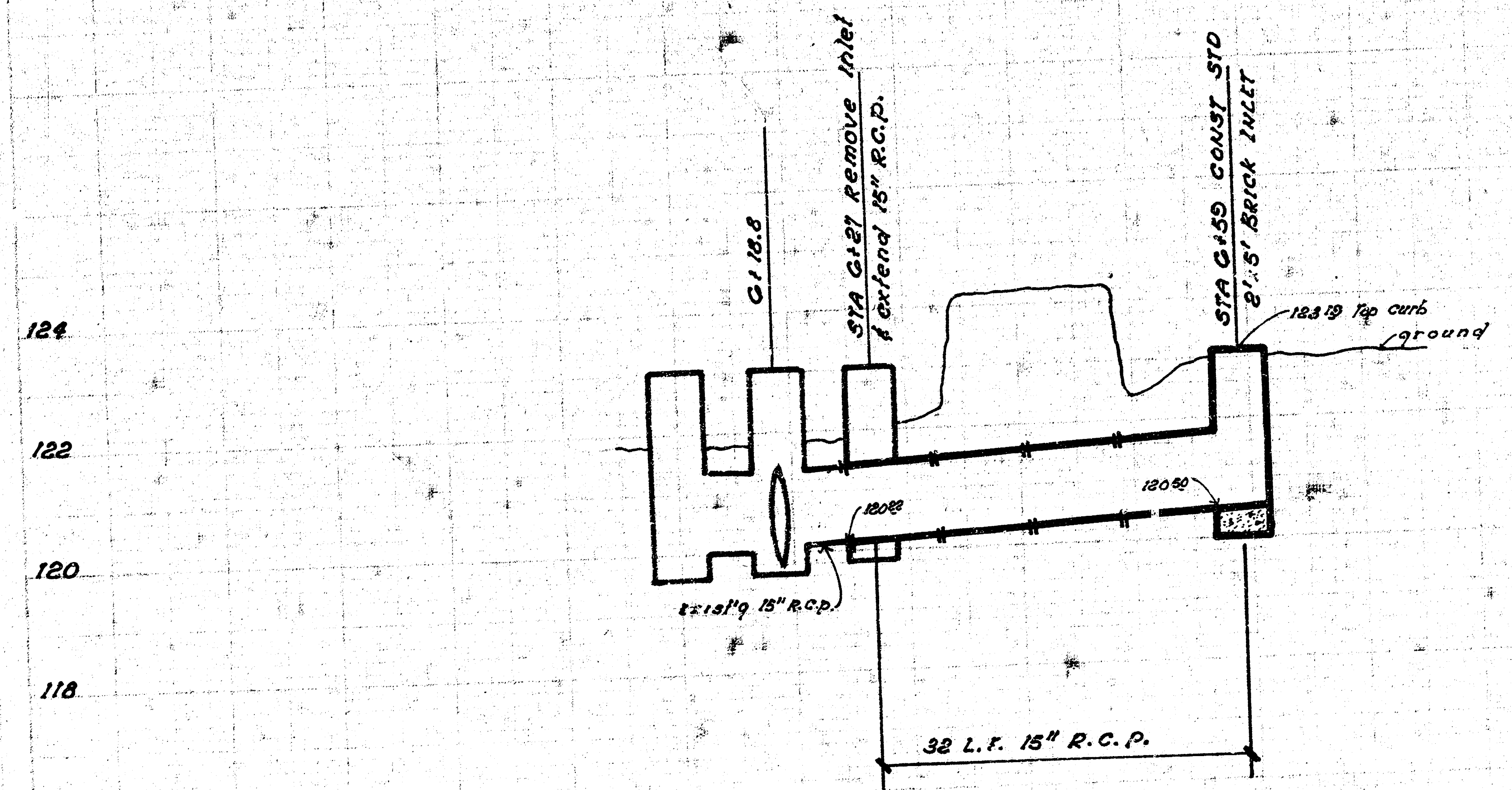
N

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.


3000 W. 18TH STREET
exist'g
conc
drive
STA G+21
Remove exist'g brick Inlet and extend 15" R.C.P to new Inlet.
STA G+59 CONST STD
2'x5' BRICK INLET
123.19 Top curb
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
120.15 15" In
120.22 15" Fl.
120.50 15" out
o 6" post
12"x 15" C.M.P. H conc block headwalls
30'
15.5'
℄ - 6t. cb
18" R.C.P.
18TH
STREET
℄
℄ CUSTER AVE South.

plan SCALE 1" = 10'
profile 1" = 10' Horz
" 1" = 2' vert


124
122
120
118
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
120.22
120.50
Exist'g 15" R.C.P.
32 L.F. 15" R.C.P.

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