

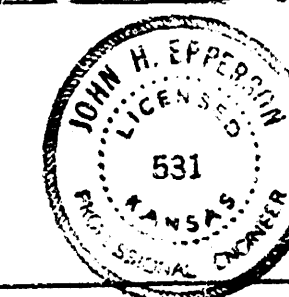
The image contains two technical drawings of bridge components.

TYPICAL SECTION
 Scale: 1" = 2'-0"

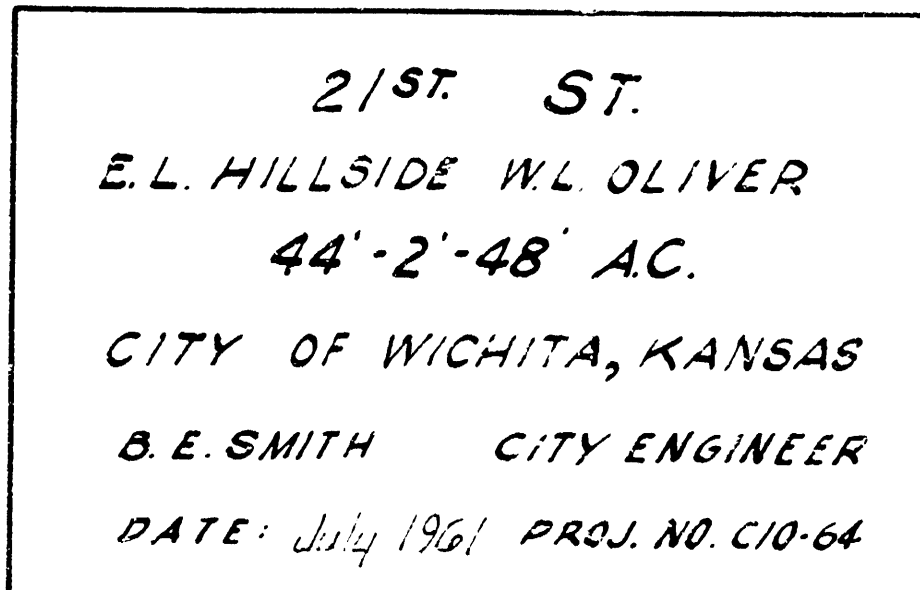
This drawing shows a cross-section of a bridge deck. The top surface is labeled "2" Asphaltic Concrete". Below it is a "6" Concrete - 5 Sack Mix". The bottom is labeled "Non-Standard Combined C/L Str". The drawing shows two "Mastic Key Joint"s. The width of the deck is 49'-0". The thickness of the concrete is 28'-0". The drawing shows various reinforcement bars and their spacing. The bottom edge is labeled "30 x 1/2" Bars 2'-6" c/c". The top edge is labeled "30 x 1/2" Bars 2'-6" c/c". The drawing shows various reinforcement bars and their spacing. The bottom edge is labeled "30 x 1/2" Bars 2'-6" c/c". The top edge is labeled "30 x 1/2" Bars 2'-6" c/c".

STEEL PATTERN
 Scale: 1" = 2'-0"

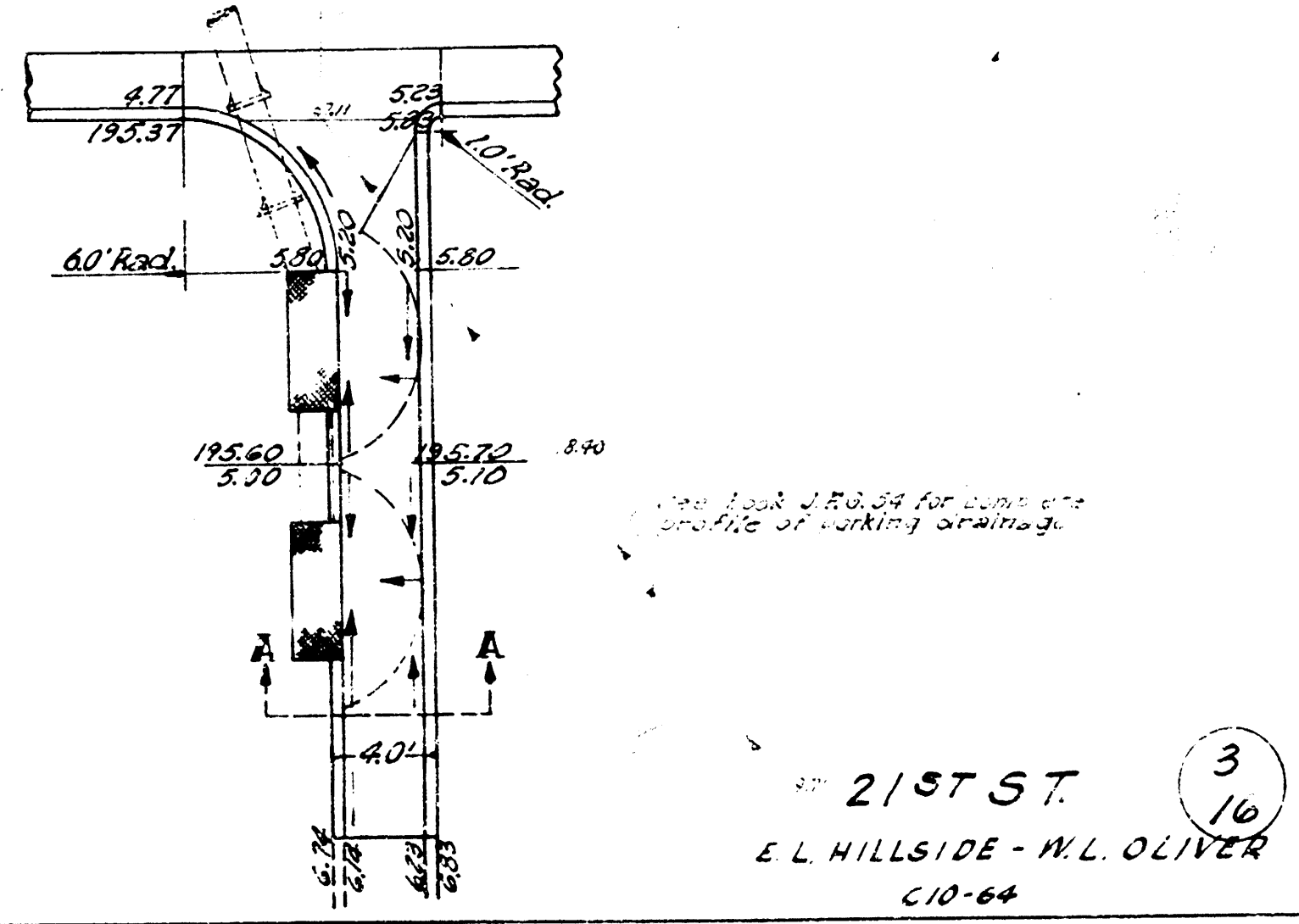
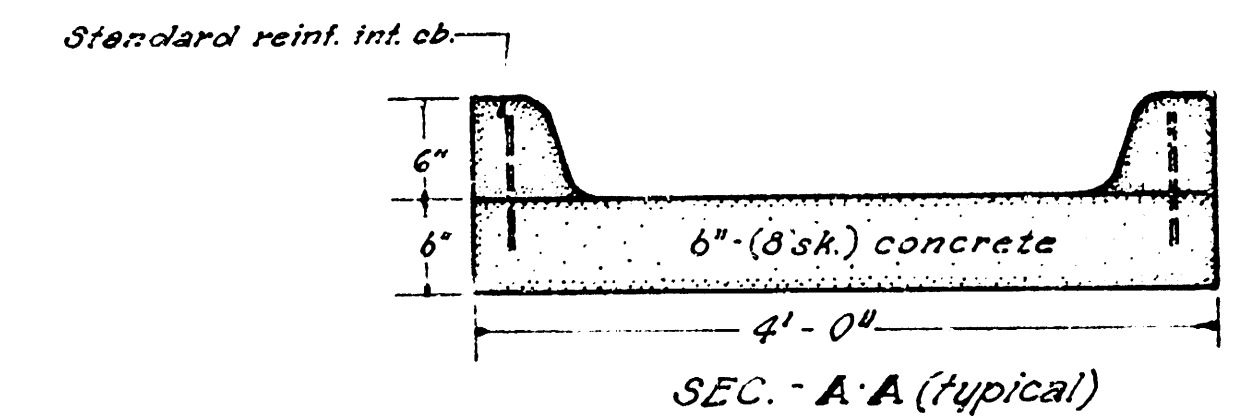
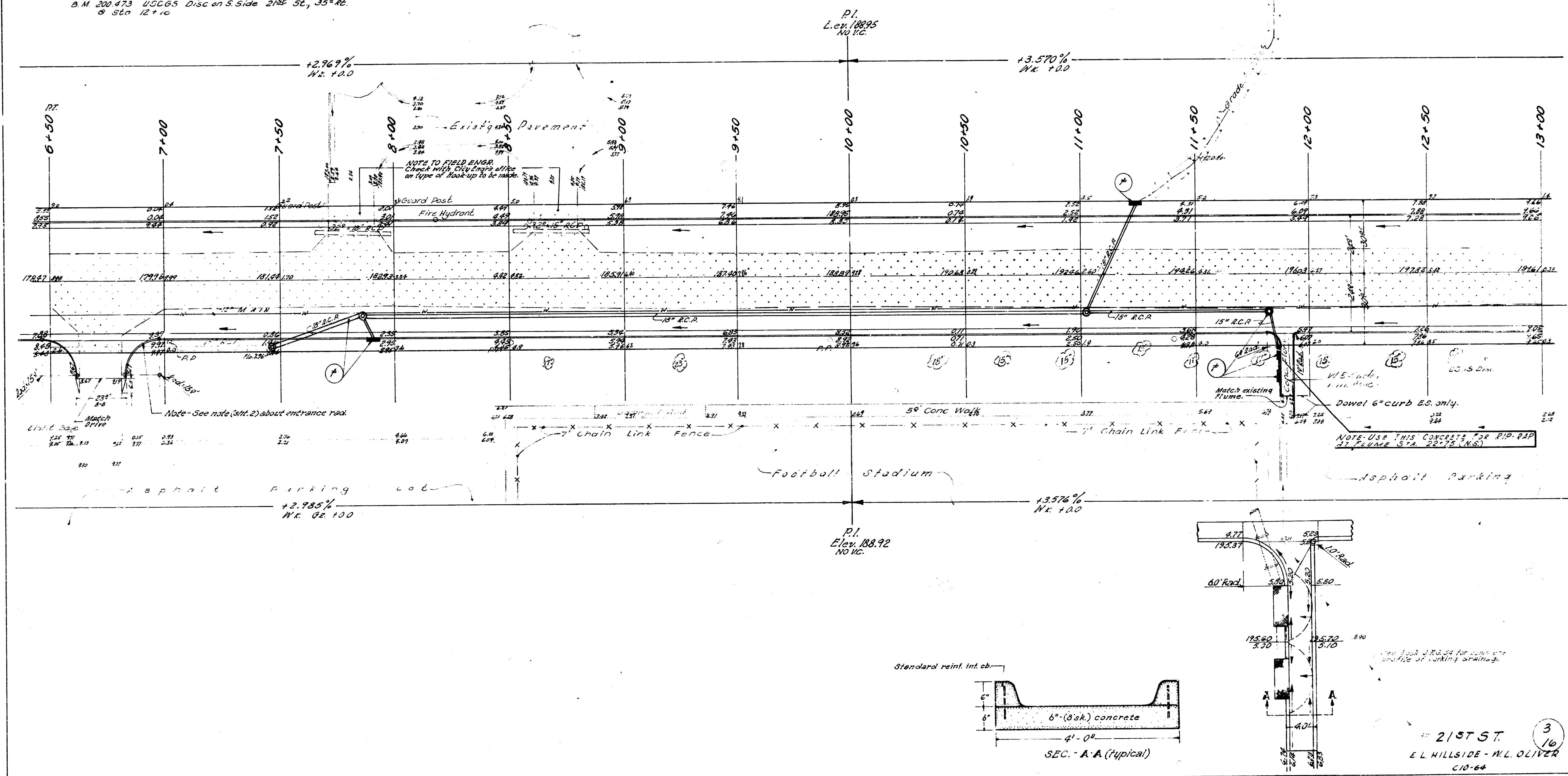
This drawing shows a steel pattern for the bridge deck. The width is 49'-0". The height is 28'-0". The drawing shows various reinforcement bars and their spacing. The bottom edge is labeled "30 x 1/2" Bars 2'-6" c/c". The top edge is labeled "30 x 1/2" Bars 2'-6" c/c". The drawing shows various reinforcement bars and their spacing. The bottom edge is labeled "30 x 1/2" Bars 2'-6" c/c". The top edge is labeled "30 x 1/2" Bars 2'-6" c/c".



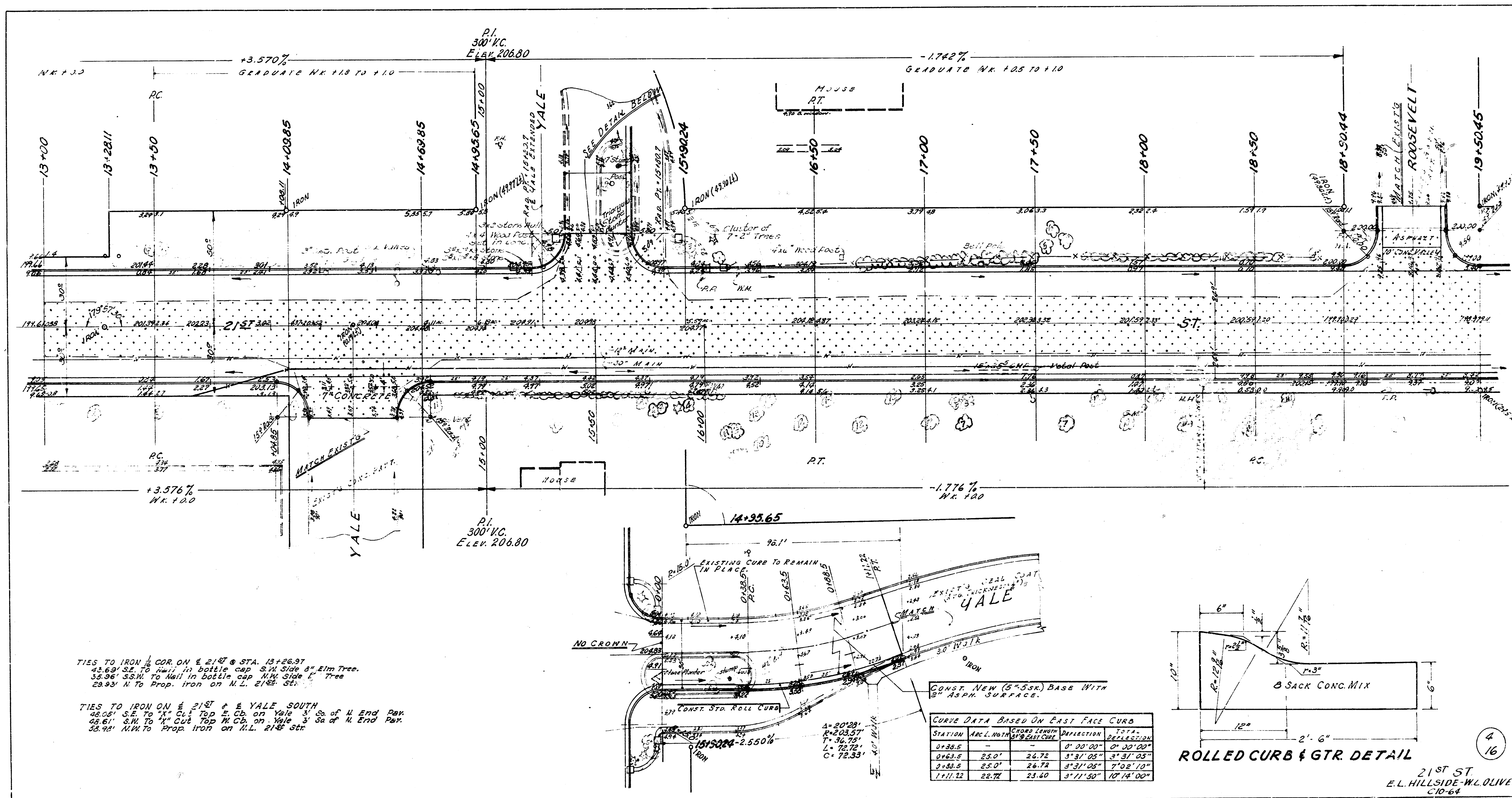
④ - Construction of catchbasins, manholes, extensions of drainage leads & mains to be built by "C. 4ERS."

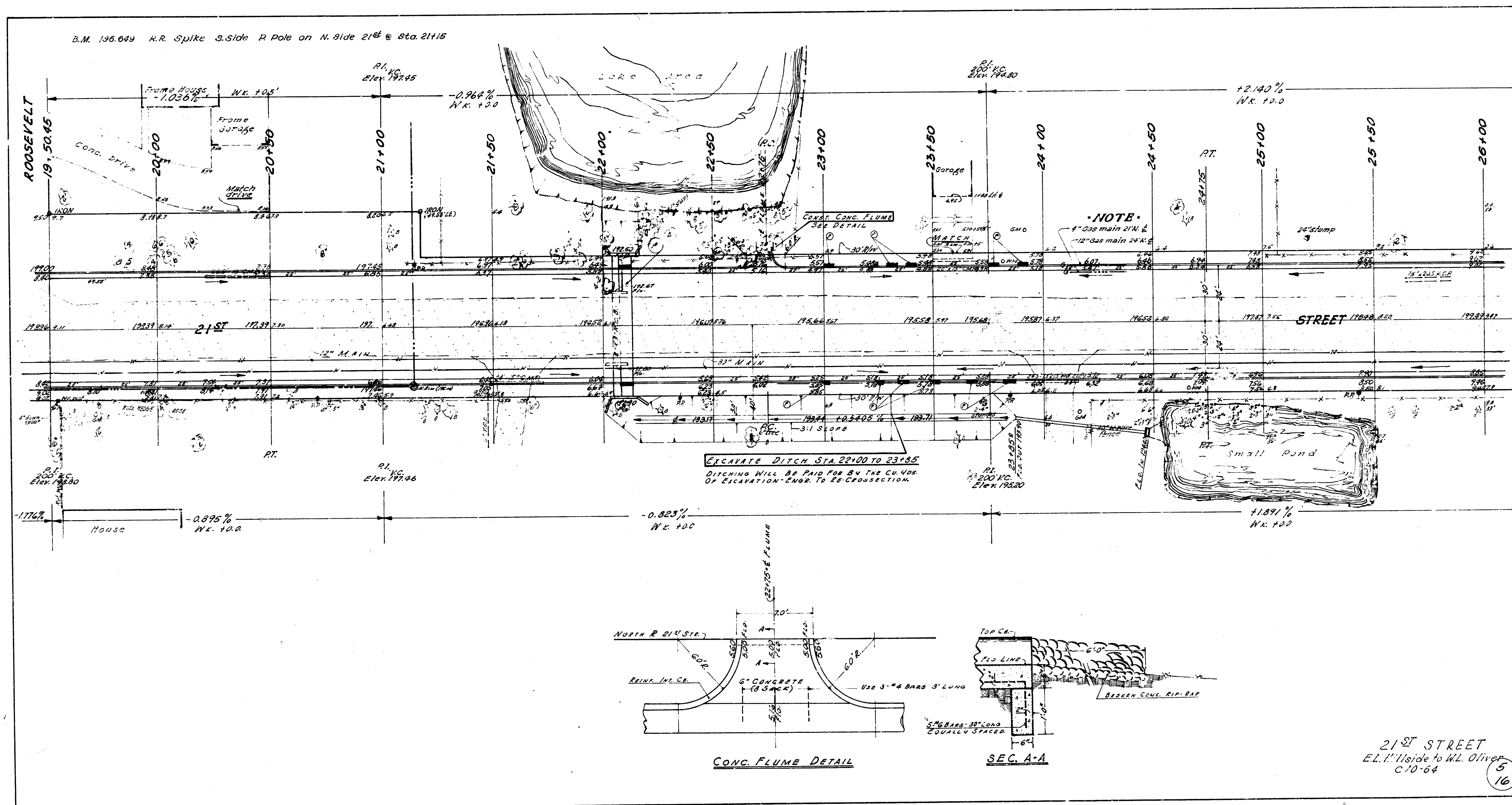


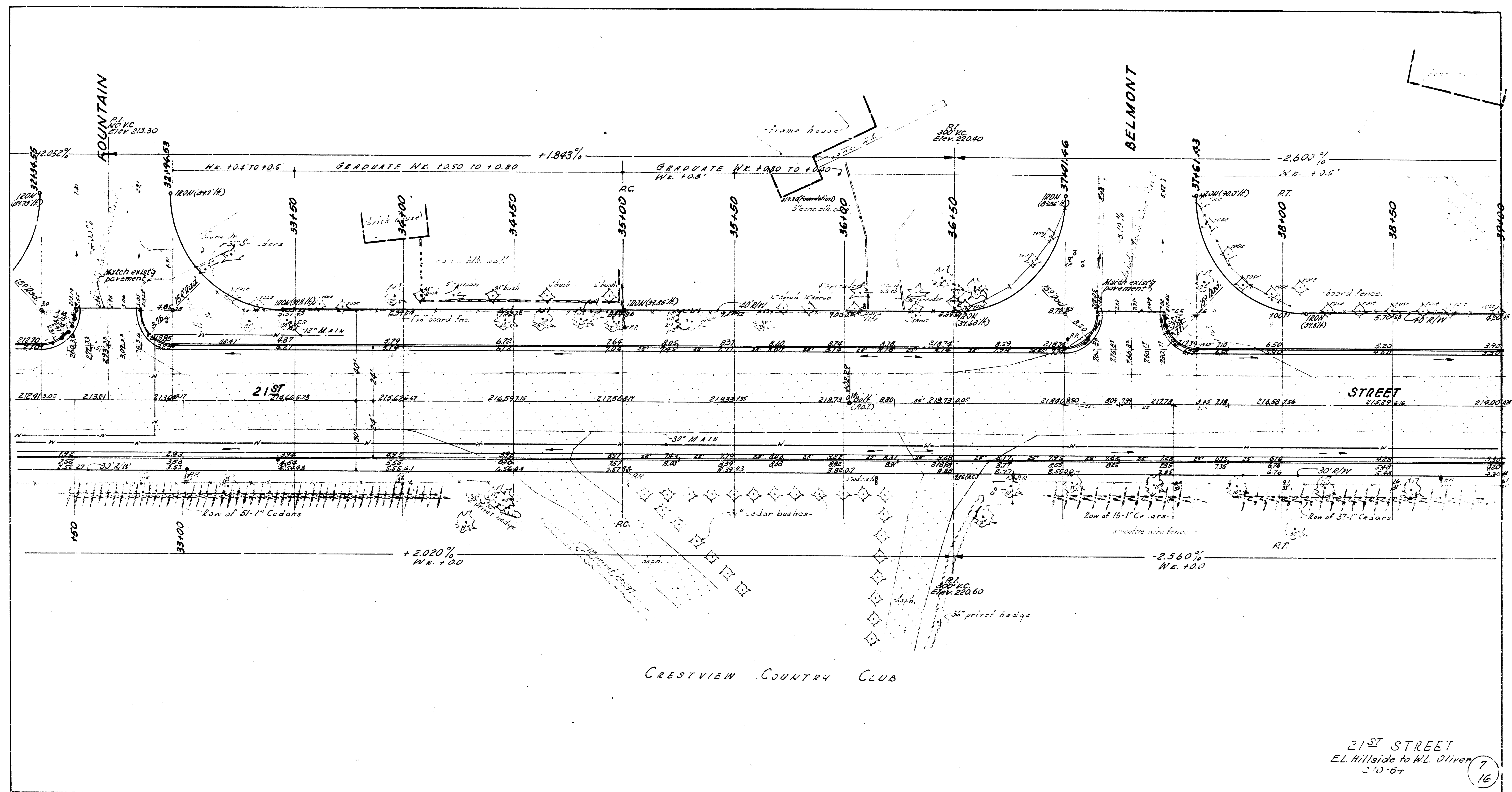
B.M. 180.376 10" cut Top Curb to Highrise Parking
 Lot E Side of Drive on South Side of 21st St.
 @ Sta. 6+85
 B.M. 200.473 USGS Disc on S. Side 21st St, 35° Ab.
 @ Sta. 12+10

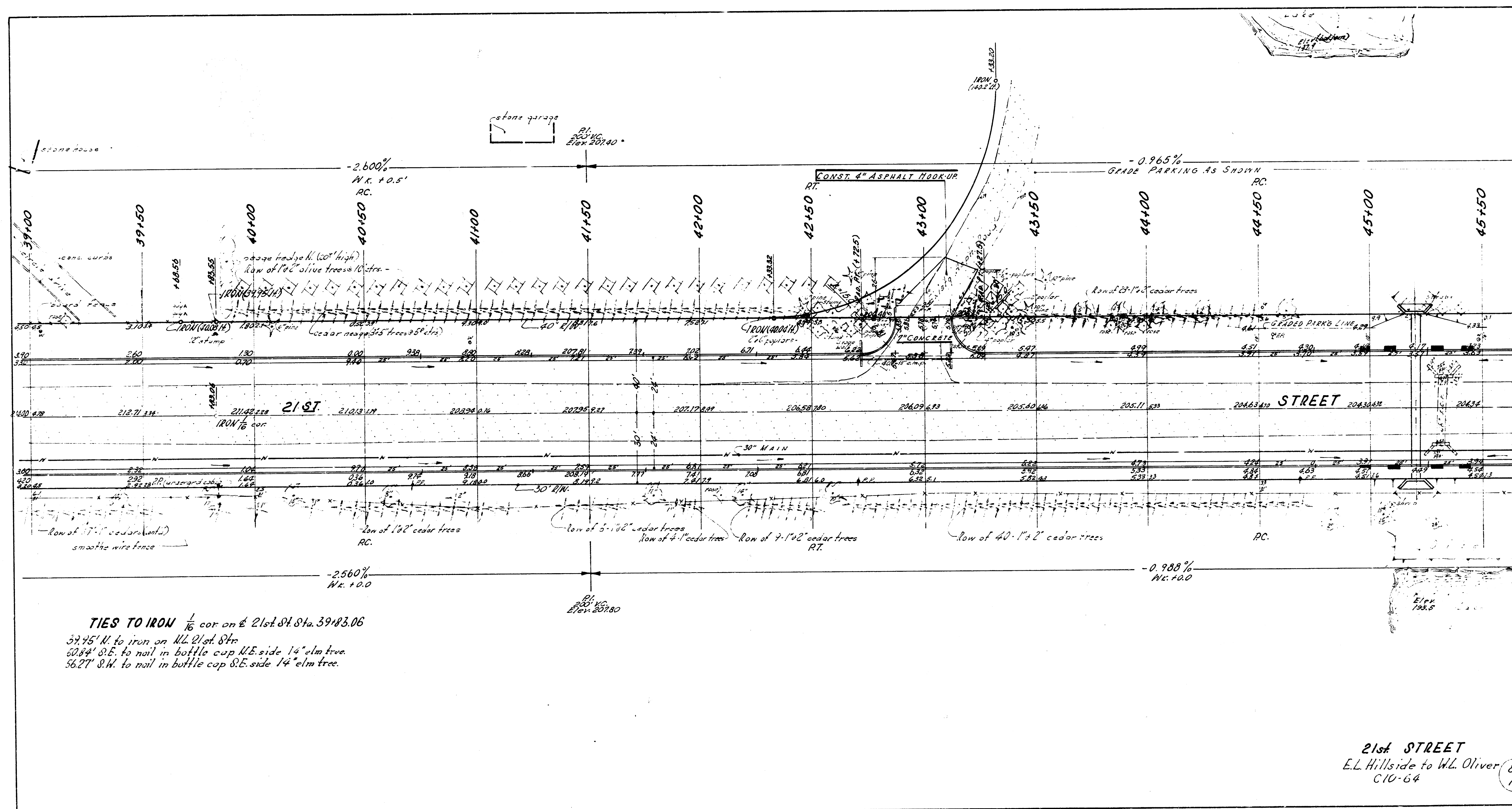


21ST ST.
 E.L. HILLSIDE - W.L. OLIVER
 CID-64

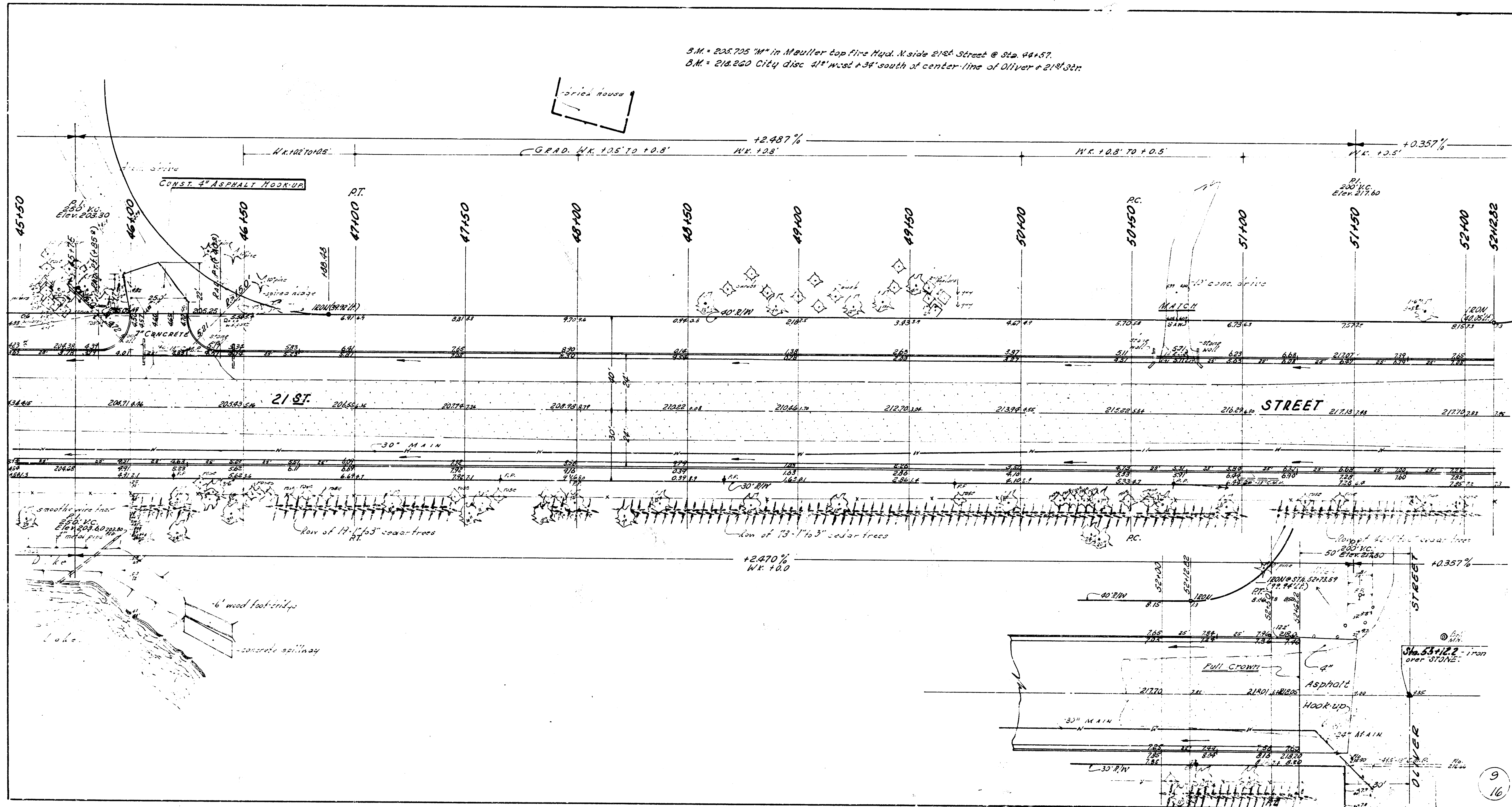


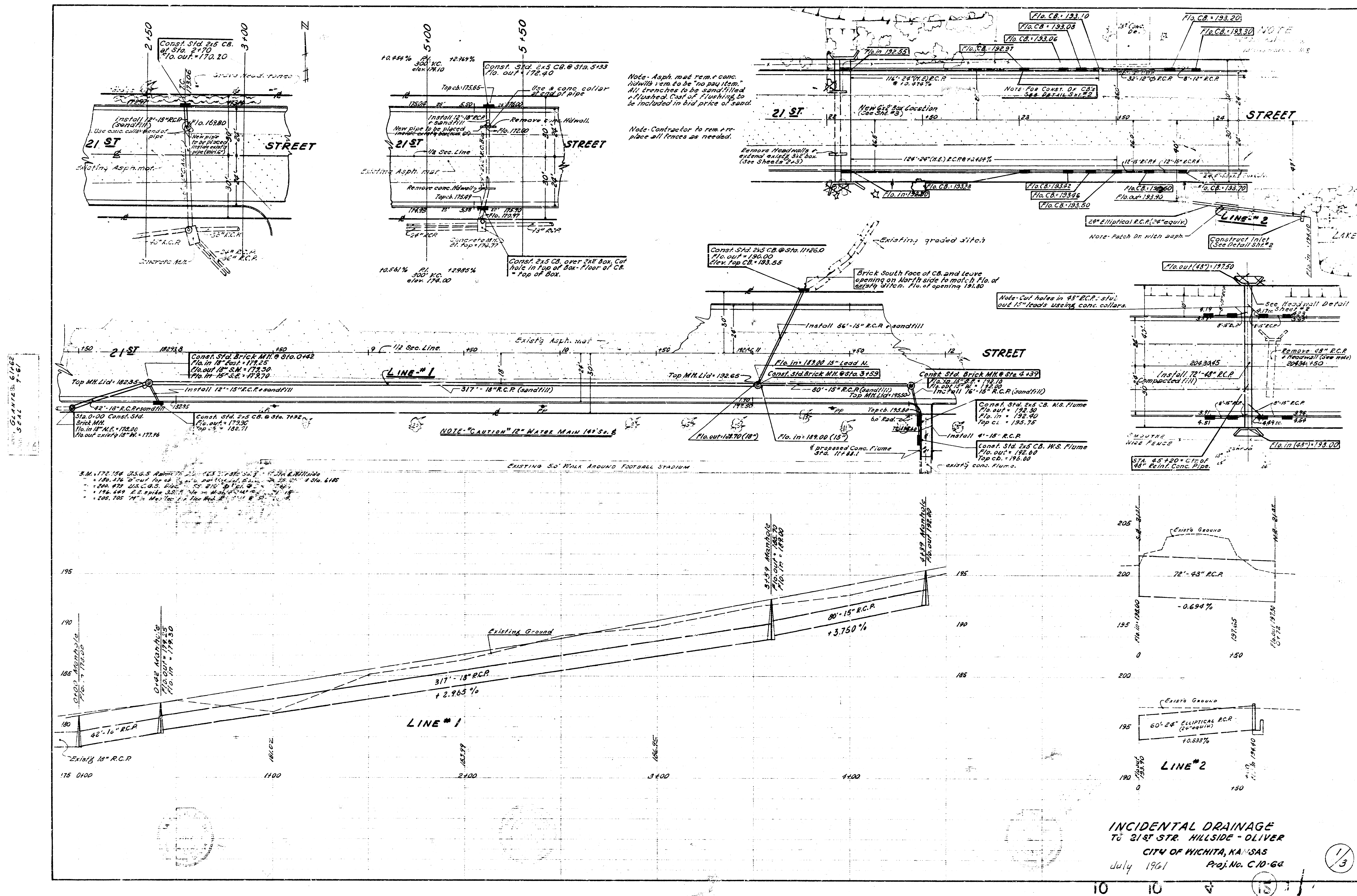


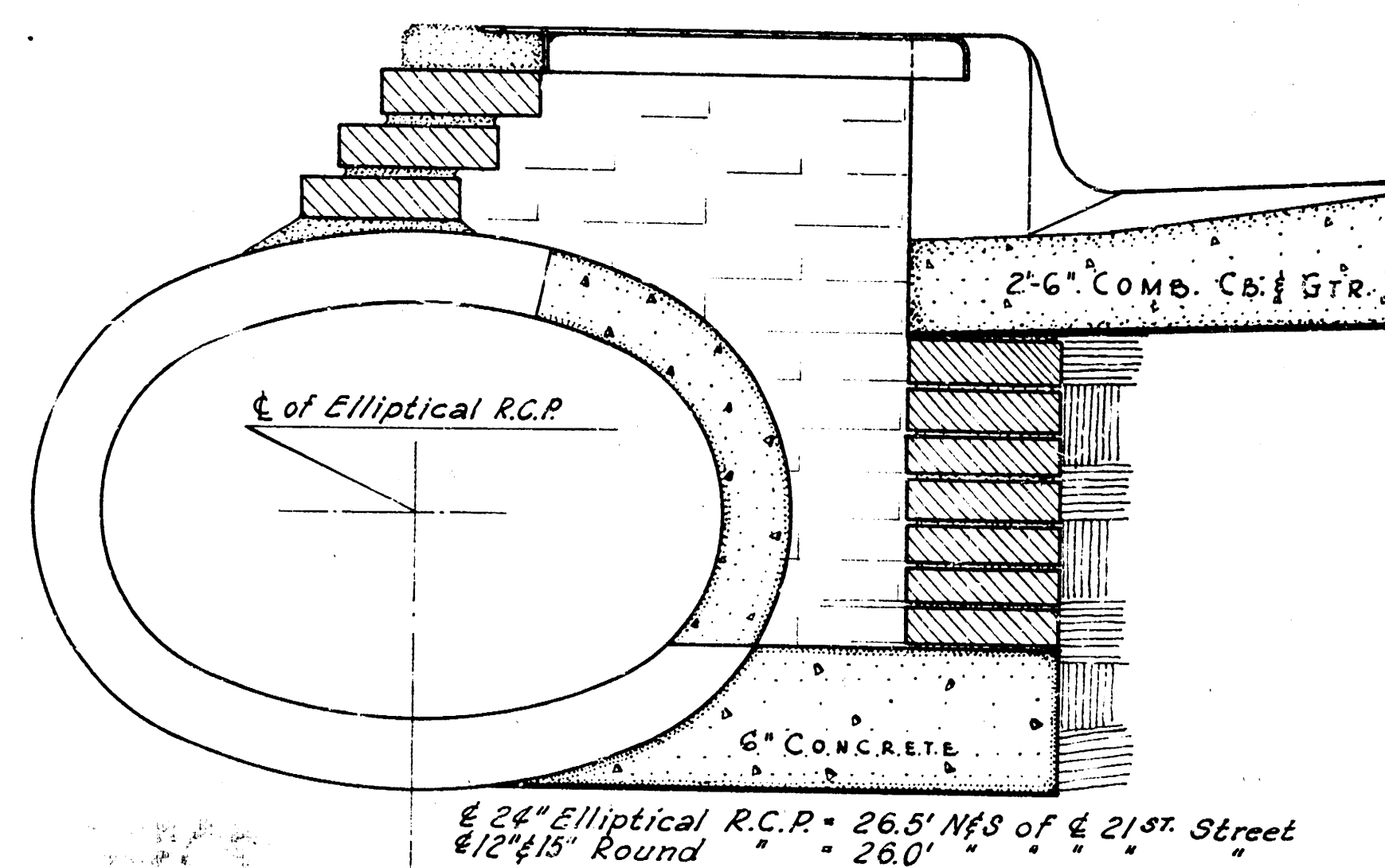




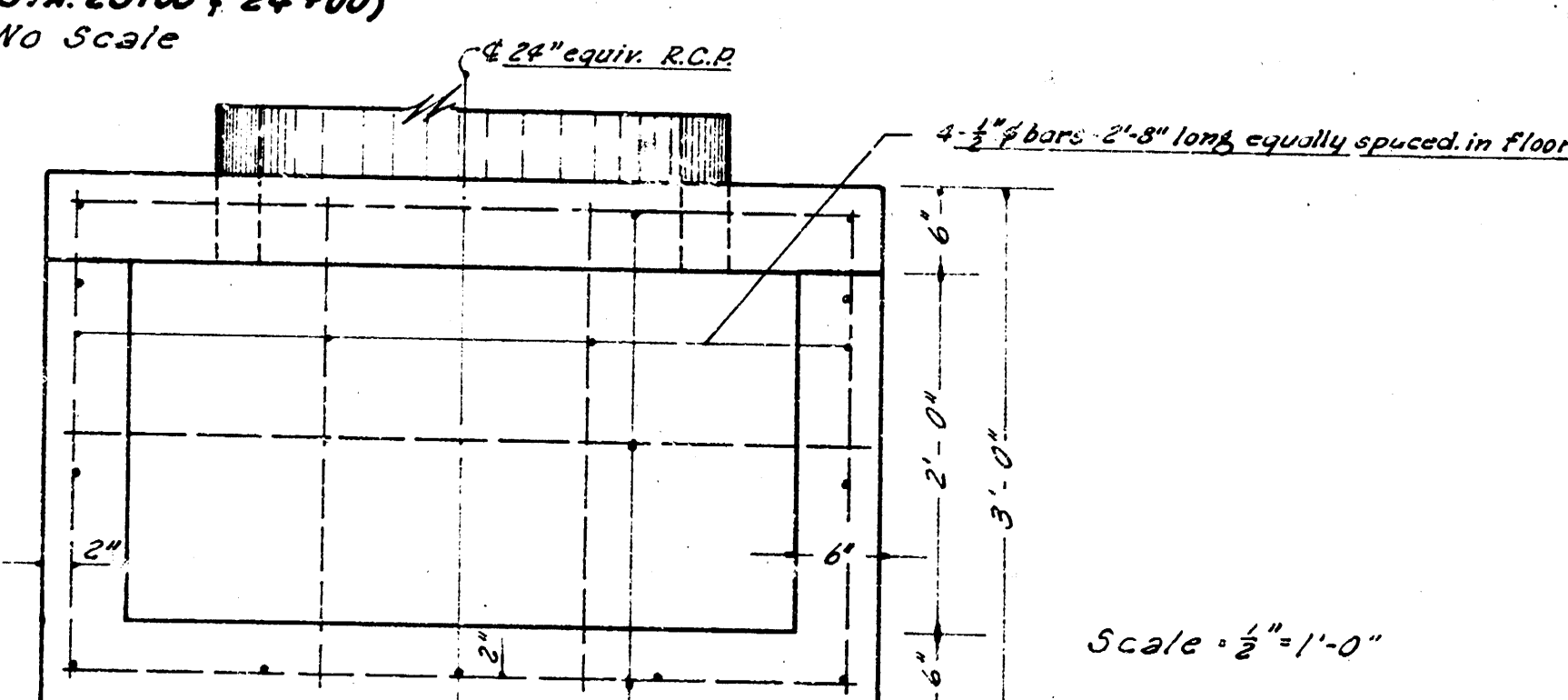
B.M. = 205.725 "M" in Mueller top fire hydr. N side 21st Street @ Sta. 48+37.
 B.M. = 218.260 City disc 41" wood + 34" south of center line of Oliver + 21st St.



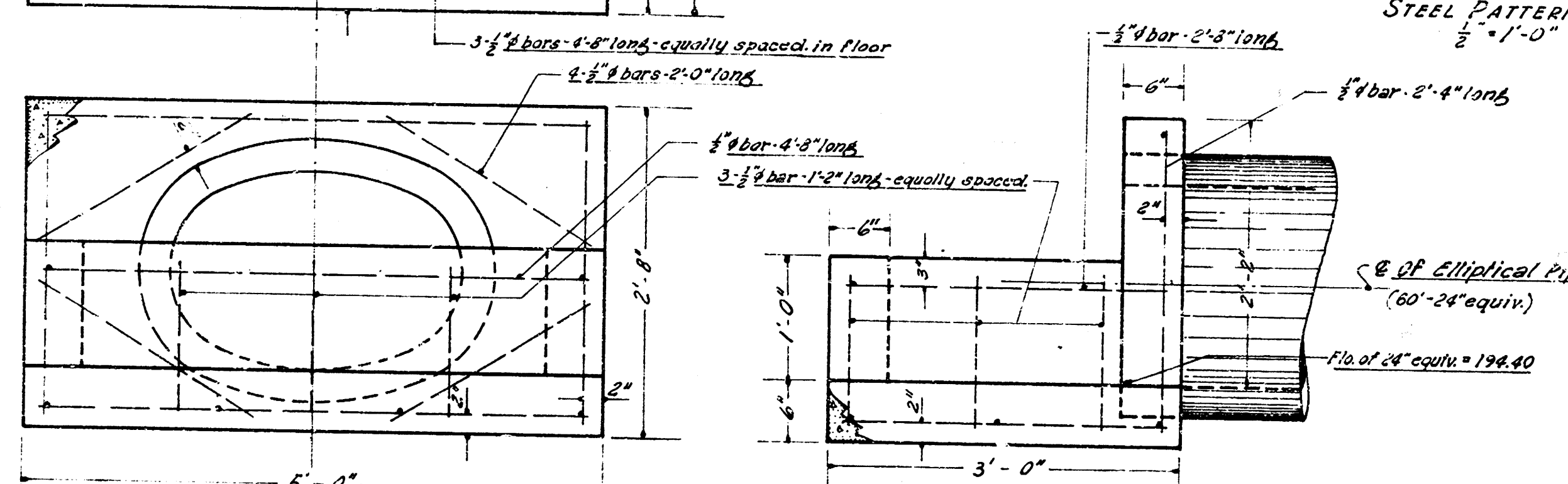




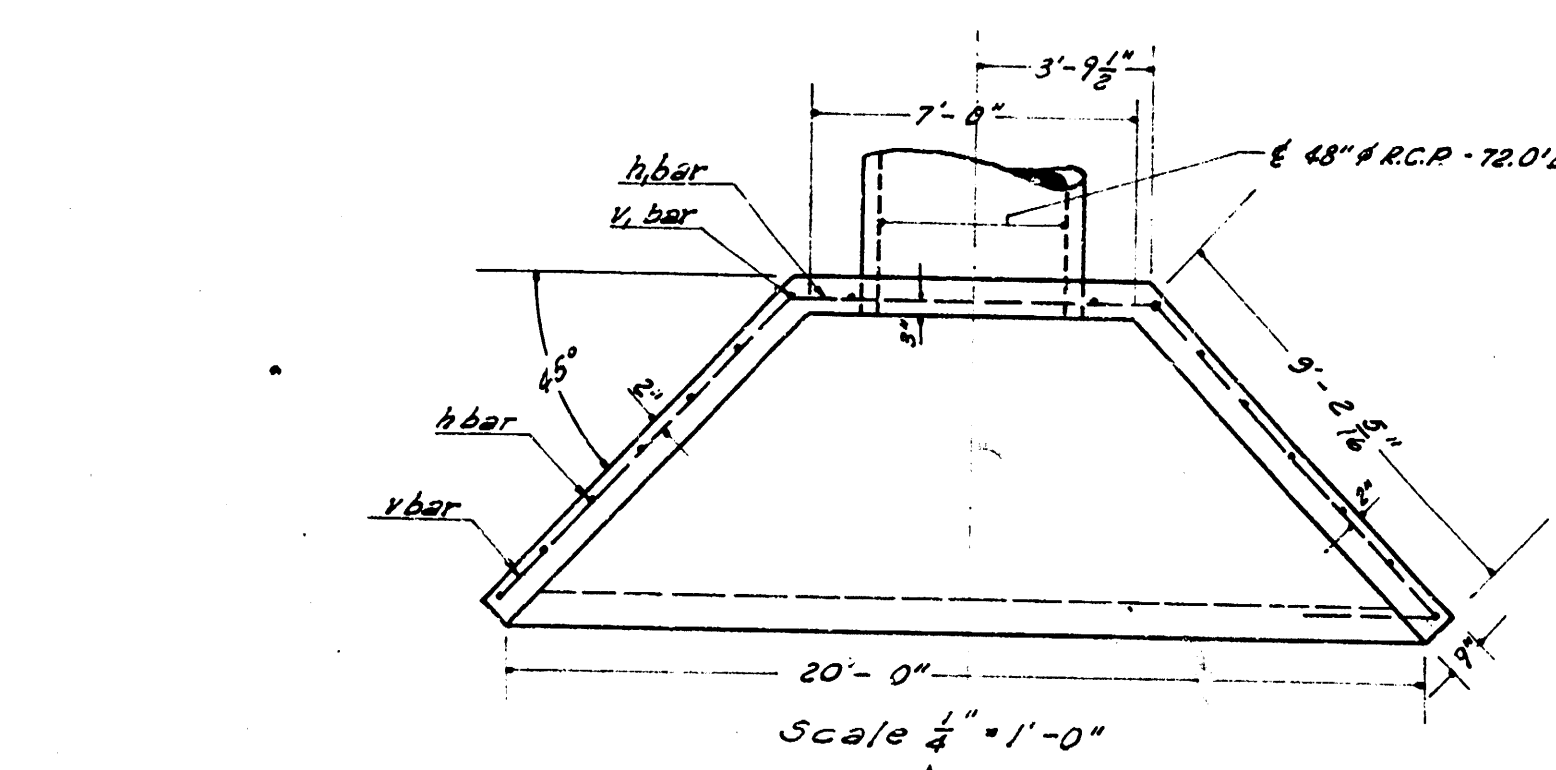
DETAIL OF CATCHBASIN
(Sta. 23+00 & 24+00)
No Scale



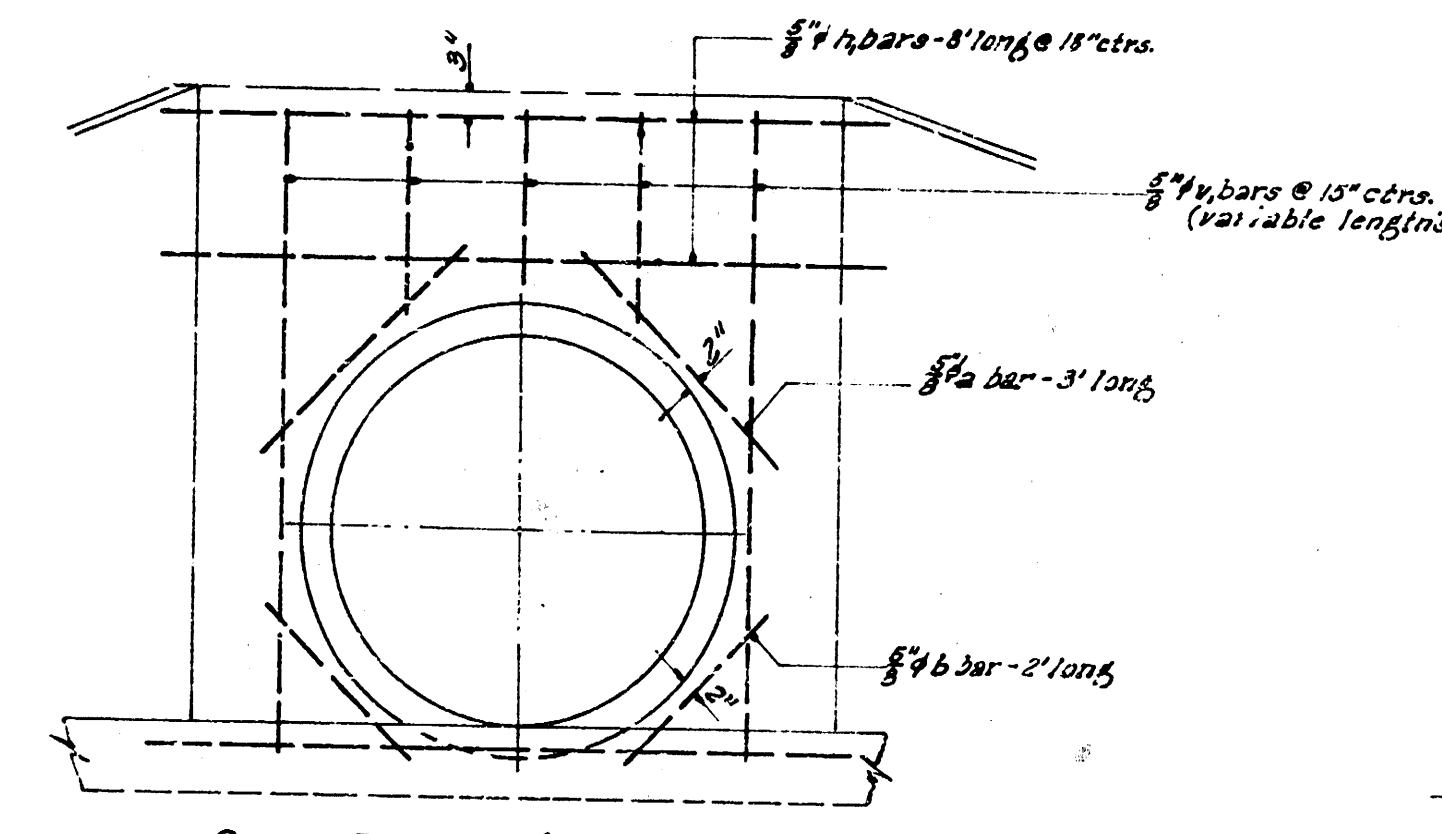
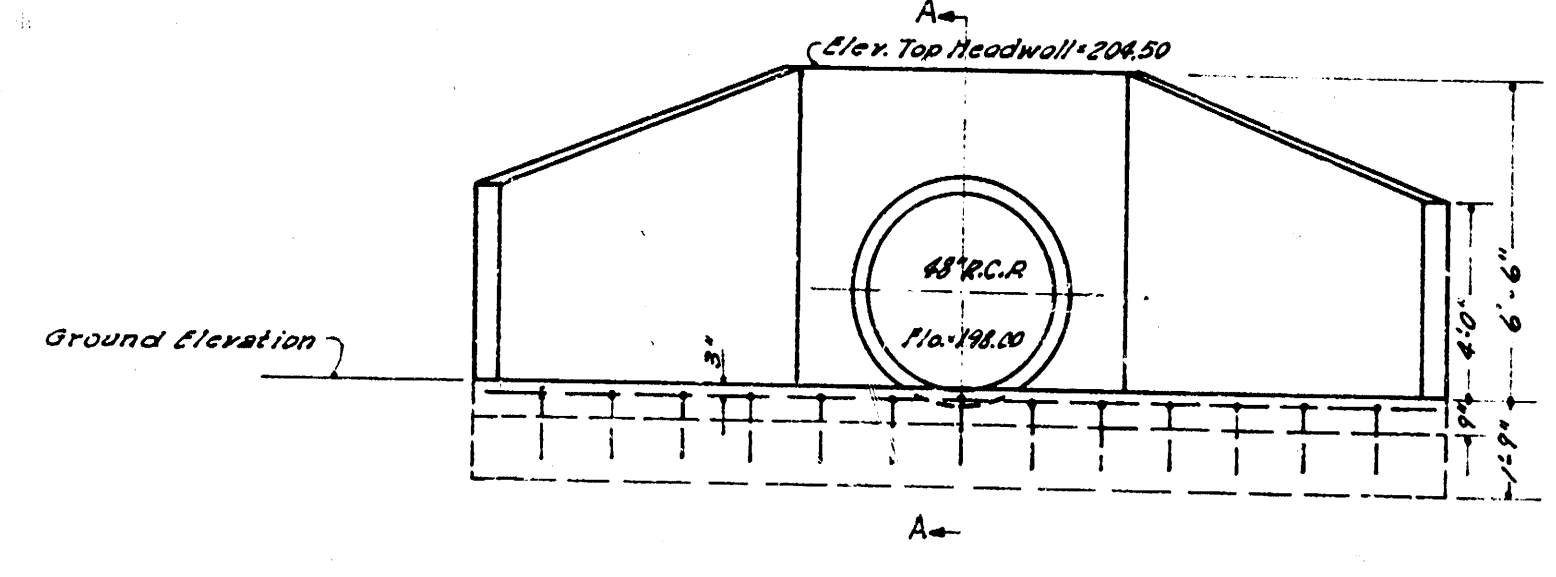
SUMMARY
Steel = 42 #
Conc. = 0.67 cu yd. (Class A-4E)
See note on beveled edges on sheet #3



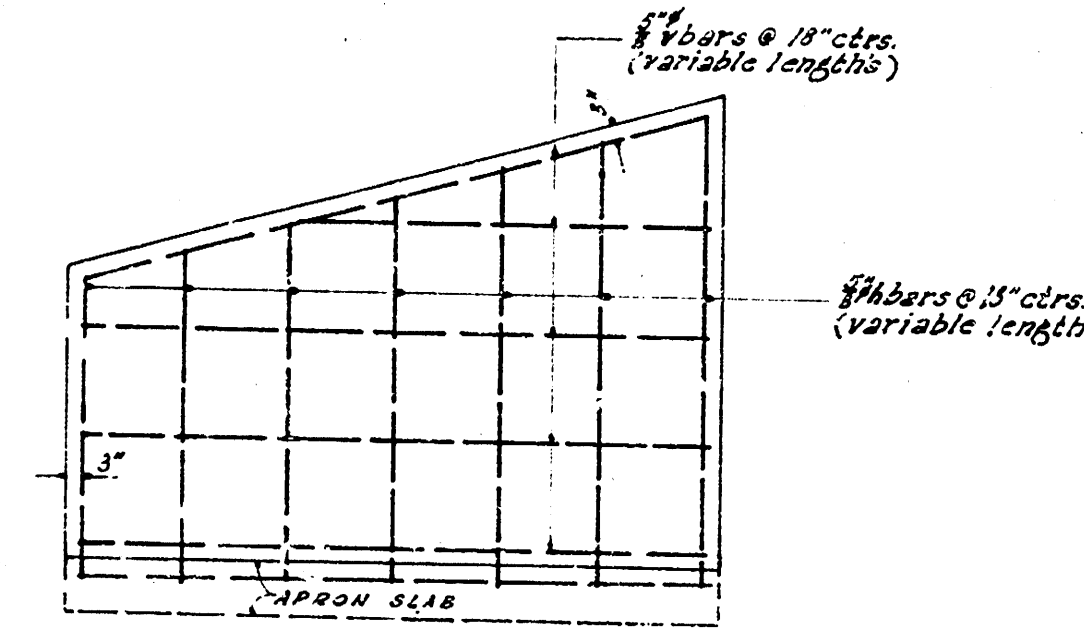
DETAIL OF INLET STRUCTURE
(Sta. 24+45 30.0 of S.R. 218)



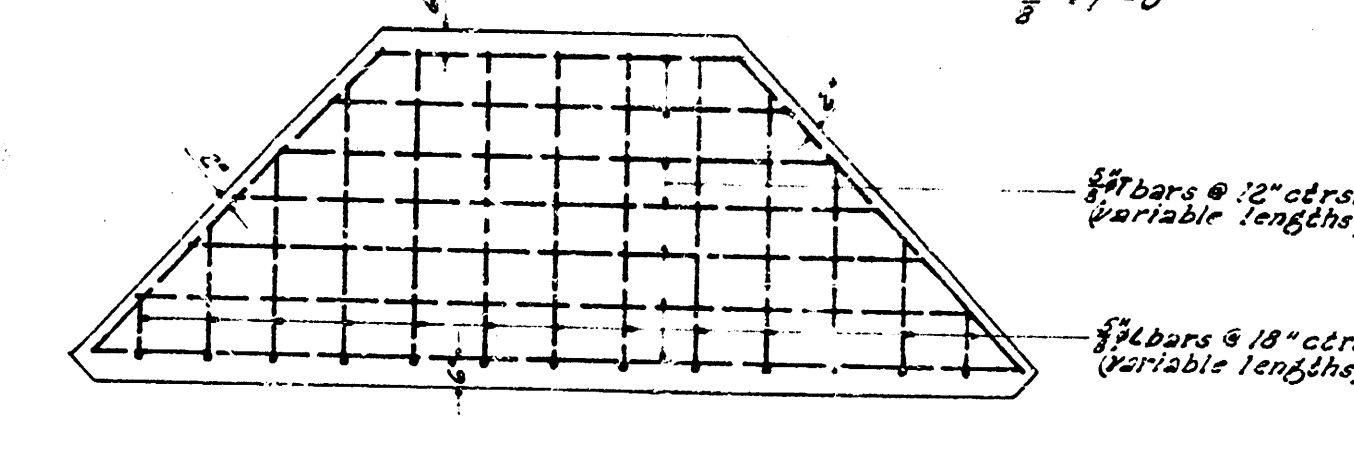
TYPICAL HEADWALL
(Sta. 45+20)
(See Note on Beveled edges on Sheet #3)



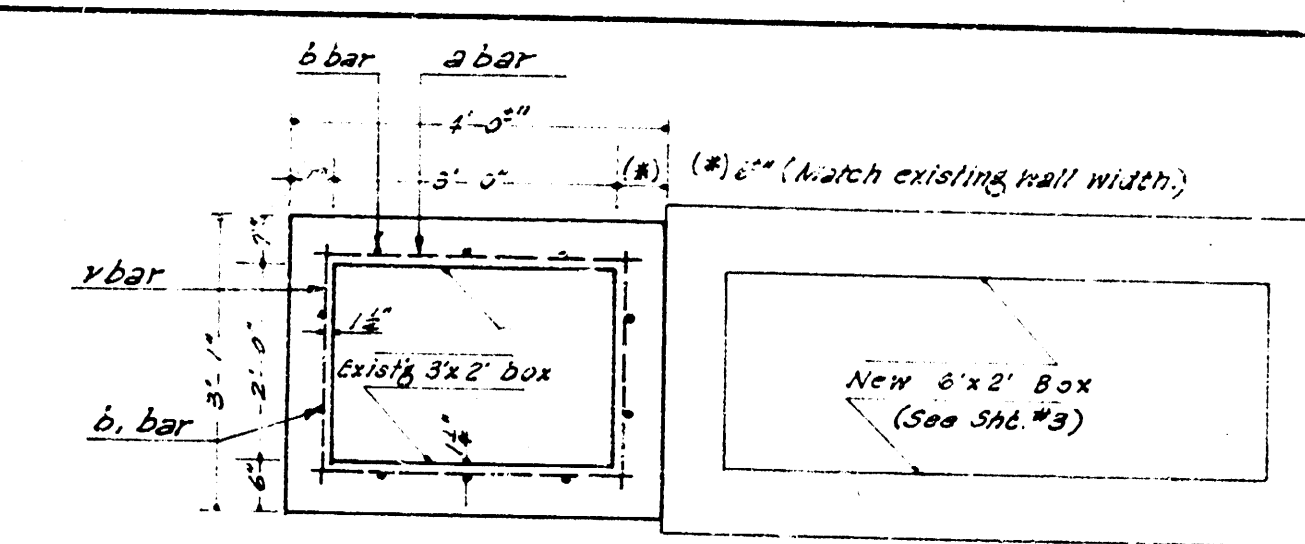
STEEL PATTERN (Headwall)
1/2" = 1'-0"



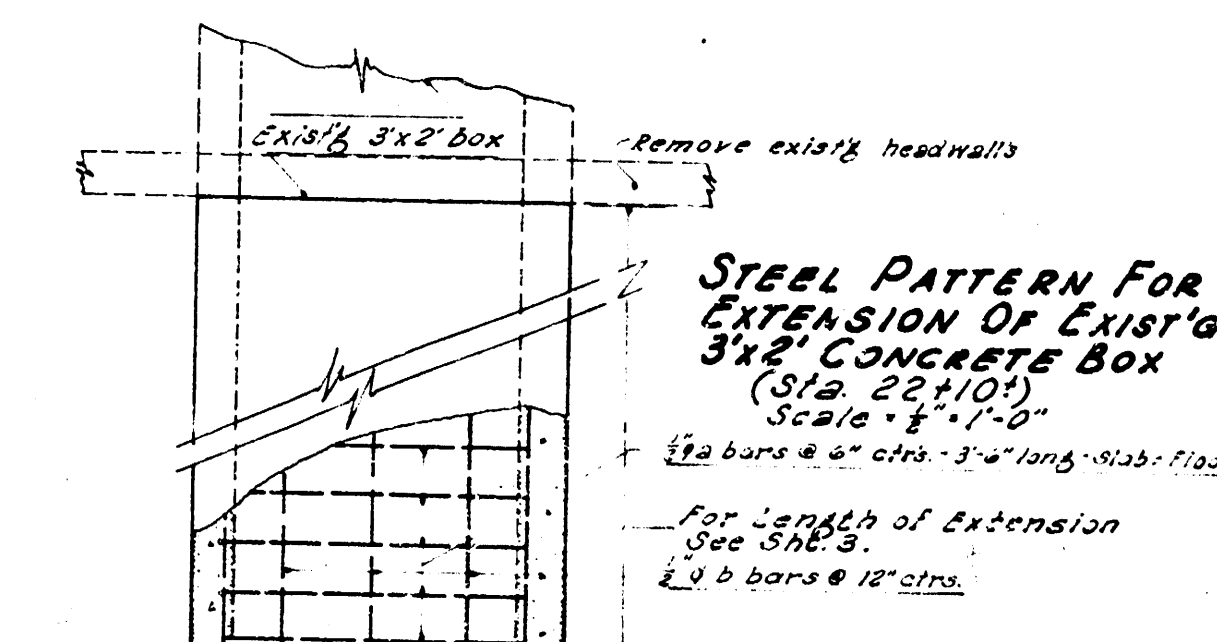
STEEL PATTERN (Wingwall)
1/2" = 1'-0"



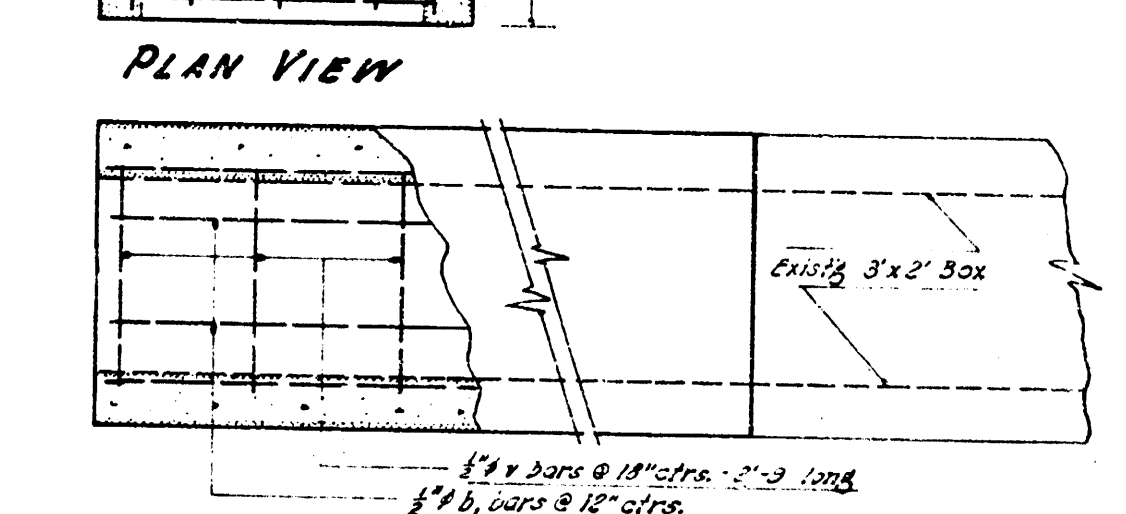
STEEL PATTERN (Apron Slab)
Note: Band #2 bars down into the wall
1/2" = 1'-0"



TYPICAL SECTION



STEEL PATTERN FOR EXTENSION OF EXIST'G CONCRETE BOX
(Sta. 23+00)
Scale: 1/2" = 1'-0"
Use bars 4" x 8" x 1/2" long, 1/2" dia. floor
For length of extension
Use 1/2" x 1/2" x 1/2" dia. floor
Use 1/2" x 1/2" x 1/2" dia. floor



PLAN VIEW

SUMMARY
(3x3' Box ext.)

bar	size	length	no.
a	#2	10'-0"	20
b	#2	10'-0"	20
c	#2	10'-0"	20
d	#2	10'-0"	20
e	#2	10'-0"	20
f	#2	10'-0"	20
g	#2	10'-0"	20
h	#2	10'-0"	20
i	#2	10'-0"	20
j	#2	10'-0"	20
k	#2	10'-0"	20
l	#2	10'-0"	20
m	#2	10'-0"	20
n	#2	10'-0"	20
o	#2	10'-0"	20
p	#2	10'-0"	20
q	#2	10'-0"	20
r	#2	10'-0"	20
s	#2	10'-0"	20
t	#2	10'-0"	20
u	#2	10'-0"	20
v	#2	10'-0"	20
w	#2	10'-0"	20
x	#2	10'-0"	20
y	#2	10'-0"	20
z	#2	10'-0"	20

Steel = 180 #
Concrete = 7.07 cu yds. (Class A-4E)

SUMMARY
(Headwalls for 48" R.C.P.)

bar	size	length	no.
a	#2	10'-0"	20
b	#2	10'-0"	20
c	#2	10'-0"	20
d	#2	10'-0"	20
e	#2	10'-0"	20
f	#2	10'-0"	20
g	#2	10'-0"	20
h	#2	10'-0"	20
i	#2	10'-0"	20
j	#2	10'-0"	20
k	#2	10'-0"	20
l	#2	10'-0"	20
m	#2	10'-0"	20
n	#2	10'-0"	20
o	#2	10'-0"	20
p	#2	10'-0"	20
q	#2	10'-0"	20
r	#2	10'-0"	20
s	#2	10'-0"	20
t	#2	10'-0"	20
u	#2	10'-0"	20
v	#2	10'-0"	20
w	#2	10'-0"	20
x	#2	10'-0"	20
y	#2	10'-0"	20
z	#2	10'-0"	20

Steel = 180 #
Concrete = 18.17 cu yds. (Class A-4E)

