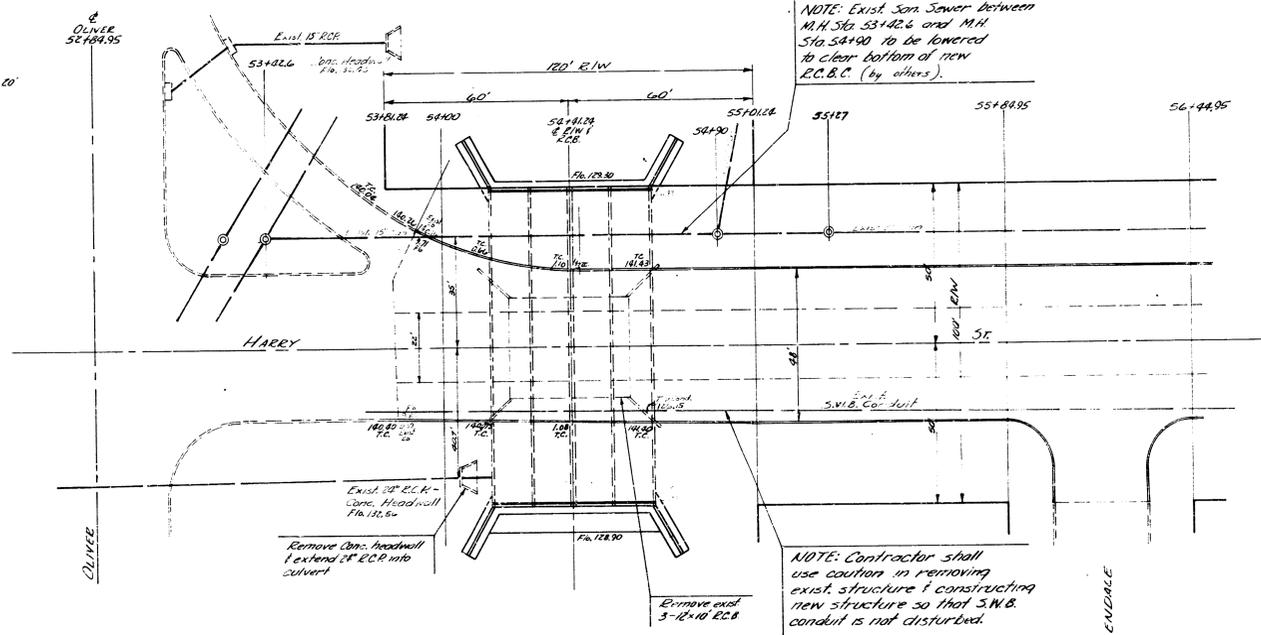


B.M. 141.25 "X" on W. end N. Capping Harry St. Bldg.
B.M. 141.64 "O" on 1st. of W. W. 2 store, W.S. of W. N., NW. Oliver & Harry
B.M. 148.38 N.E. Cor. porch No. W of No. 2257 E. Harry

4-12' x 9' R.C.B. HARRY ST. & DRYCREEK

PROJ. NO. C13-7



NOTE: Exist. San Sewer between
M.H. Sta. 53+42.6 and M.H.
Sta. 54+90 to be lowered
to clear bottom of new
R.C.B.C. (by others).

NOTE: Contractor shall
use caution in removing
exist. structure & constructing
new structure so that S.W.B.
conduit is not disturbed.

PLAN LAYOUT

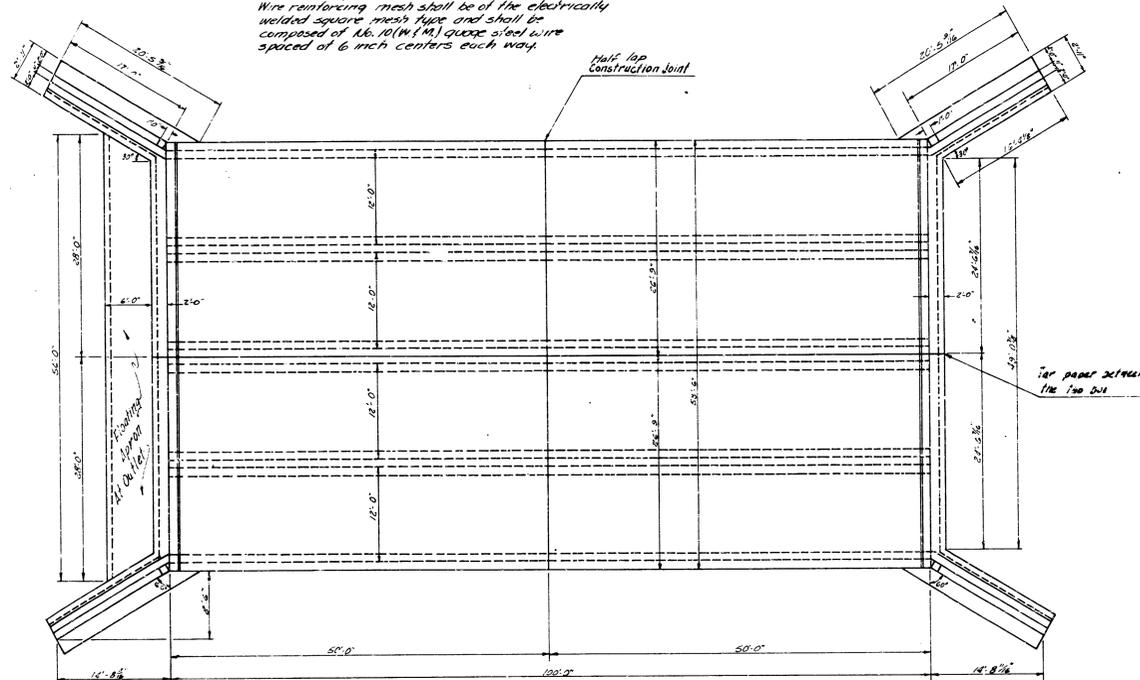
SCALE: 1"=20'-0"

OLENDACE

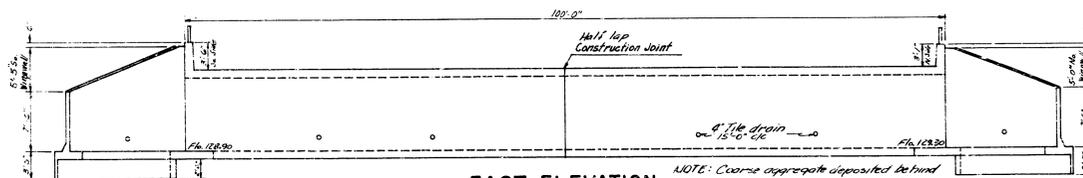


MARCH 1957

Class A-AC Concrete to be used throughout.
 Level all exposed edges with a 1/2" mauling
 unless otherwise noted.
 All reinforcing steel shall conform to ASTM Spec. A305-49.
 Wire reinforcing mesh shall be of the electrically
 welded square mesh type and shall be
 composed of No. 10 (M10) grade steel wire
 spaced at 6 inch centers each way.

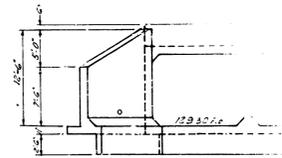


PLAN
 SCALE: 1/8" = 1'-0"

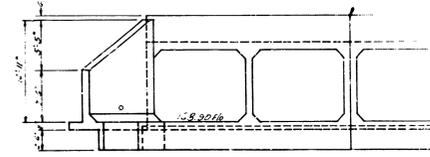


EAST ELEVATION
 SCALE: 1/8" = 1'-0"

NOTE: Course aggregate deposited behind each weephole to occupy a space extending 1'-3" in all directions from the weephole. This work shall not be paid for directly but shall be considered a part of excav. work.

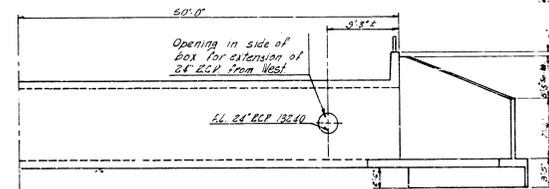


NORTH ELEVATION



SOUTH ELEVATION
 Not to Scale

NOTE:
 General excavation is to be extended 2'-0"
 each side of box and 2'-0" each side of wing
 walls. Fill is to be compacted to top of culvert.
 Fill above top of culvert is to be compacted by pull contractor.
 Fill is to be sand stabilized. Fill is to be
 mechanically tamped at sides of box.

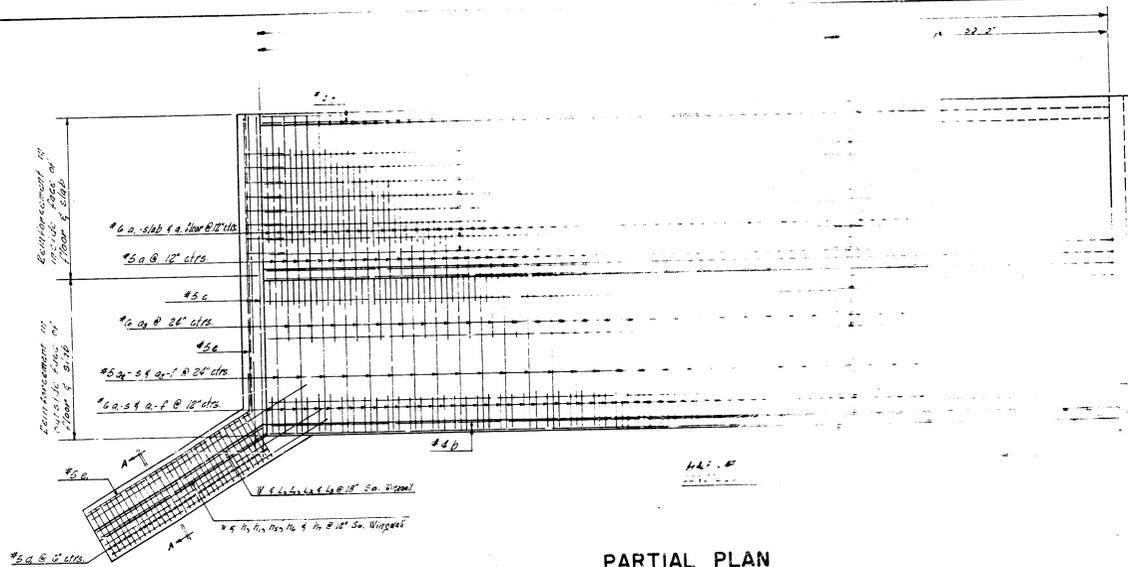


HALF WEST SIDE ELEVATION
 Not to Scale

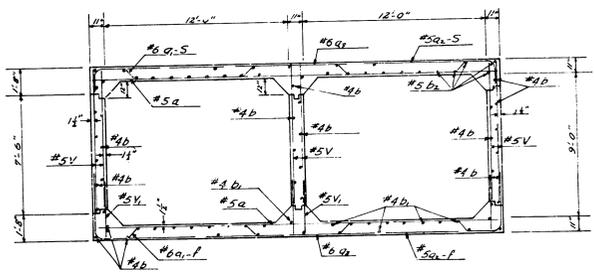
NOTE:
 One section of R.C.P. is to be installed at S.W. corner into box when box is constructed.

SECTION BEING ADJUSTED

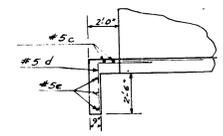




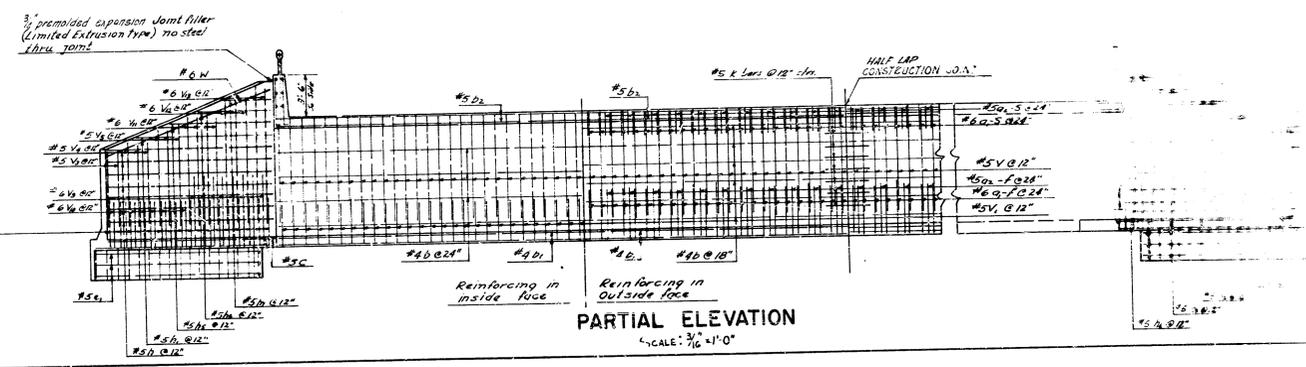
PARTIAL PLAN
SCALE: 3/16"=1'-0"



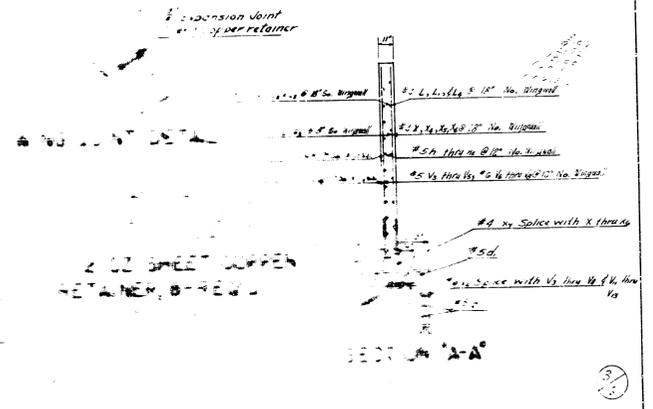
SECTION THRU BOX
SCALE: 1/4"=1'-0"



SECTION THRU APRON AT BOX
SCALE: 1/4"=1'-0"

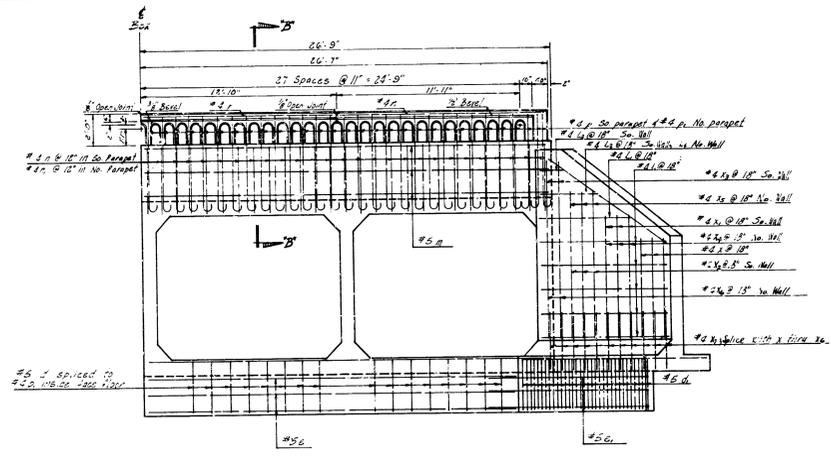


PARTIAL ELEVATION
SCALE: 3/16"=1'-0"

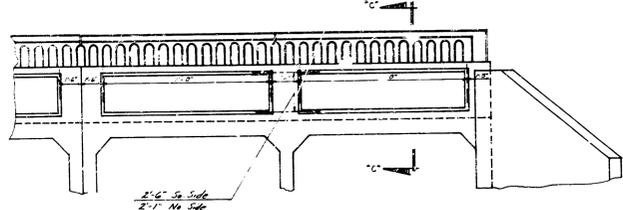


SECTION THRU RETAINER

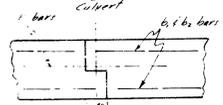




HALF END ELEVATION
SCALE: 1/4" = 1'-0"



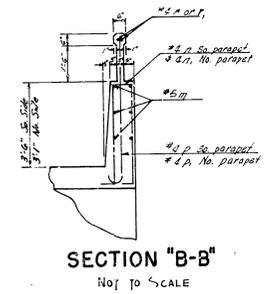
DESIGN ON PARAPET FACE
Not to Scale



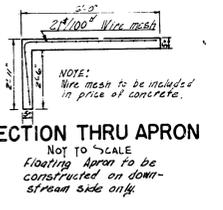
Half Lap Construction joint
Not to Scale

NOTE: Cost of removing
existing wall on 24" R.C.P. to be
included in bid of culvert
removed. Asphalt mat rem-
oval to be included in
general excavation.

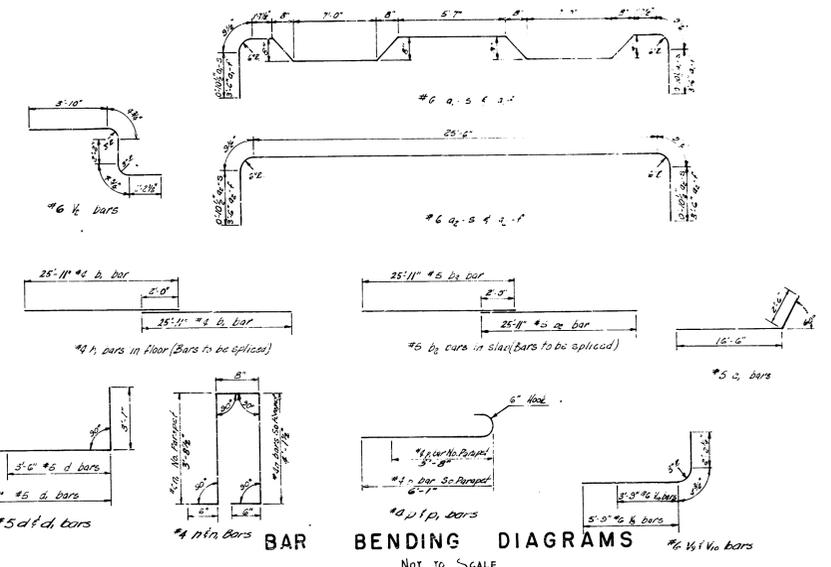
ITEM	QUANTITY	UNITS
Conc. P.M. Concrete	654.0	Cu. Yds.
Reinf. Steel	76,000.0	Lbs.
Gen. Excavation	1018.0	Cu. Yds.
Hand Excavation	53.9	Cu. Yds.
Handrail	100.0	Lin. Ft.
Compacted Fill (Sand Stabilized)	24.0	Cu. Yds.
Removal of Existing R.C.P. (Handrail)	1	Lin. Ft.
R.C.P.	12	Lin. Ft.



SECTION "B-B"
Not to Scale



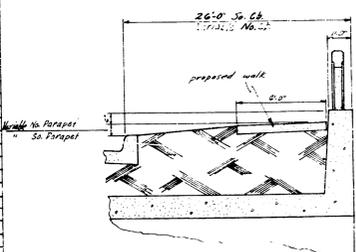
SECTION THRU APRON
Not to Scale
Floating Apron to be
constructed on down-
stream side only.



BAR BENDING DIAGRAMS
Not to Scale

STEEL SCHEDULE														
BAR	SIZE	NO.	LENGTH	SHAPE	BAR	SIZE	NO.	LENGTH	SHAPE	BAR	SIZE	NO.	LENGTH	SHAPE
a	#5	332	20'-5"	U	l	#4	2	6'-6"	U	u	#6	8	17'-0"	U
a-1	#6	200	30'-0"	U	m	#5	22	26'-5"	U	v	#6	16	6'-5"	U
a-2	#6	200	35'-0"	U	n	#4	54	13'	U	w	#6	6	8'-0"	U
a-3	#6	100	35'-0"	U	o	#4	60	13'	U	x	#6	6	11'-0"	U
a-4	#6	100	35'-0"	U	p	#4	60	13'	U	y	#6	6	7'-0"	U
b	#4	272	25'-8"	U	q	#4	8	12'-0"	U	z	#6	6	18'-0"	U
b-1	#4	176	25'-8"	U	r	#4	8	18'-0"	U	aa	#6	6	18'-0"	U
b-2	#5	228	25'-8"	U	s	#5	120	25'-8"	U	ab	#5	2	7'-0"	U
c	#4	2	28'-0"	U	t	#5	200	3'-0"	U	ac	#5	2	4'-6"	U
c-1	#4	2	28'-0"	U	u	#5	68	5'-0"	U	ad	#5	2	3'-0"	U
c-2	#4	64	25'-0"	U	v	#5	8	21'-0"	U	ae	#5	2	7'-0"	U
d	#4	182	7'-0"	U	w	#5	12	7'-0"	U	af	#5	2	7'-0"	U
e	#4	12	25'-0"	U	x	#5	12	8'-0"	U	ag	#5	2	7'-0"	U
e-1	#4	12	25'-0"	U	y	#5	8	8'-0"	U	ah	#5	2	7'-0"	U
e-2	#4	20	12'-0"	U	z	#5	6	11'-0"	U	ai	#5	2	4'-6"	U
f	#4	4	12'-0"	U	aa	#4	4	11'-0"	U	aj	#5	2	4'-6"	U
f-1	#4	2	10'-0"	U	ab	#4	32	8'-4"	U	ak	#5	2	4'-6"	U
f-2	#4	2	14'-0"	U	ac	#4	32	8'-4"	U	al	#5	2	4'-6"	U
f-3	#4	2	14'-0"	U	ad	#4	6	14'-0"	U	am	#5	2	4'-6"	U
f-4	#4	2	14'-0"	U	ae	#4	6	14'-0"	U	an	#5	2	4'-6"	U
g	#4	20	18'-0"	U	af	#4	4	11'-0"	U	ao	#5	2	4'-6"	U
h	#4	4	11'-0"	U	ag	#4	4	11'-0"	U	ap	#5	2	4'-6"	U
i	#4	20	18'-0"	U	ah	#4	4	11'-0"	U	aq	#5	2	4'-6"	U
j	#4	4	11'-0"	U	ai	#4	4	11'-0"	U	ar	#5	2	4'-6"	U
k	#4	2	7'-0"	U	aj	#4	4	11'-0"	U	as	#5	2	4'-6"	U
l	#4	2	3'-0"	U	ak	#4	4	11'-0"	U	at	#5	2	4'-6"	U

* See Bending Diagram



SECTION THRU WALK & PARAPET
Not to Scale