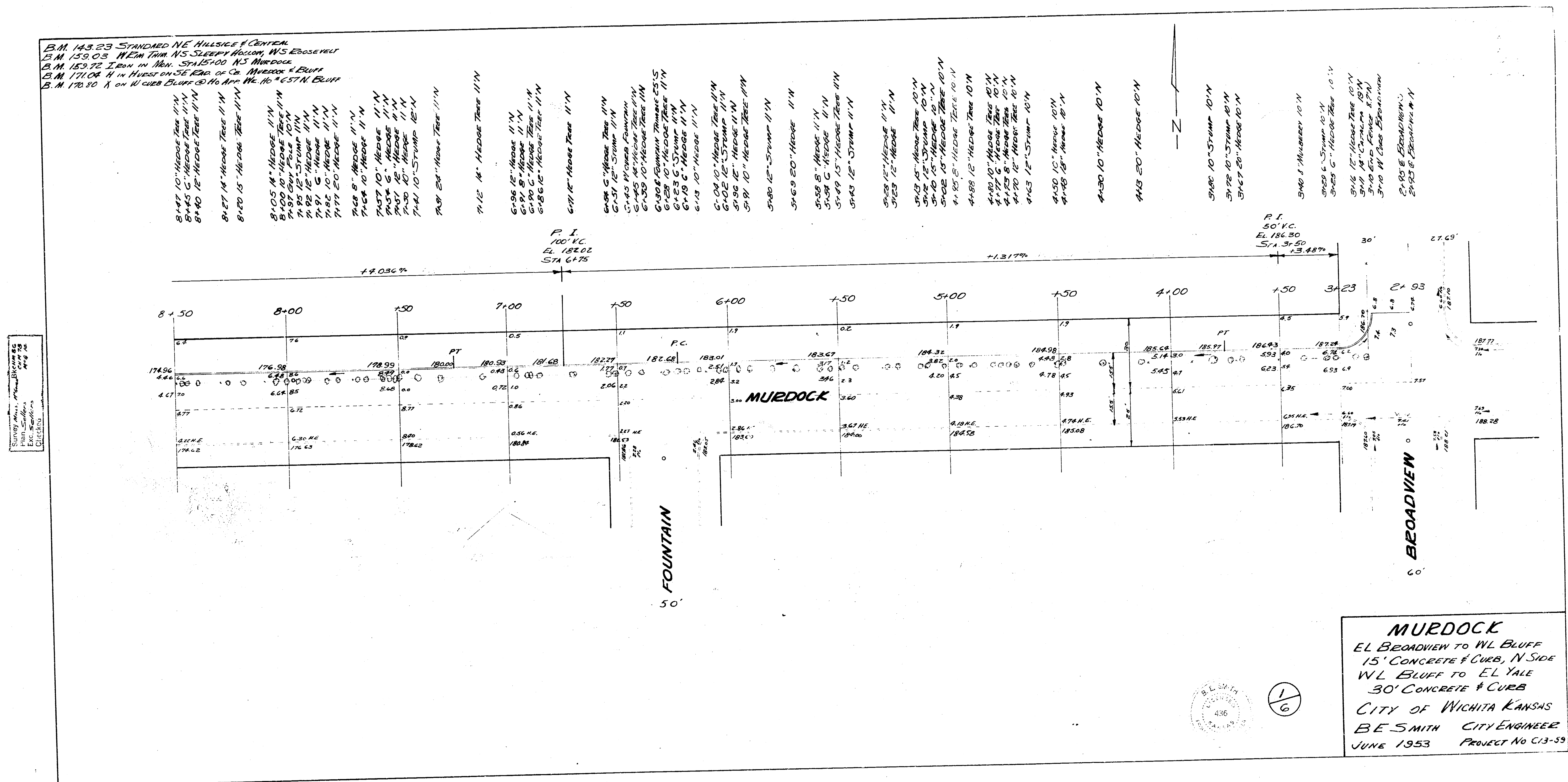
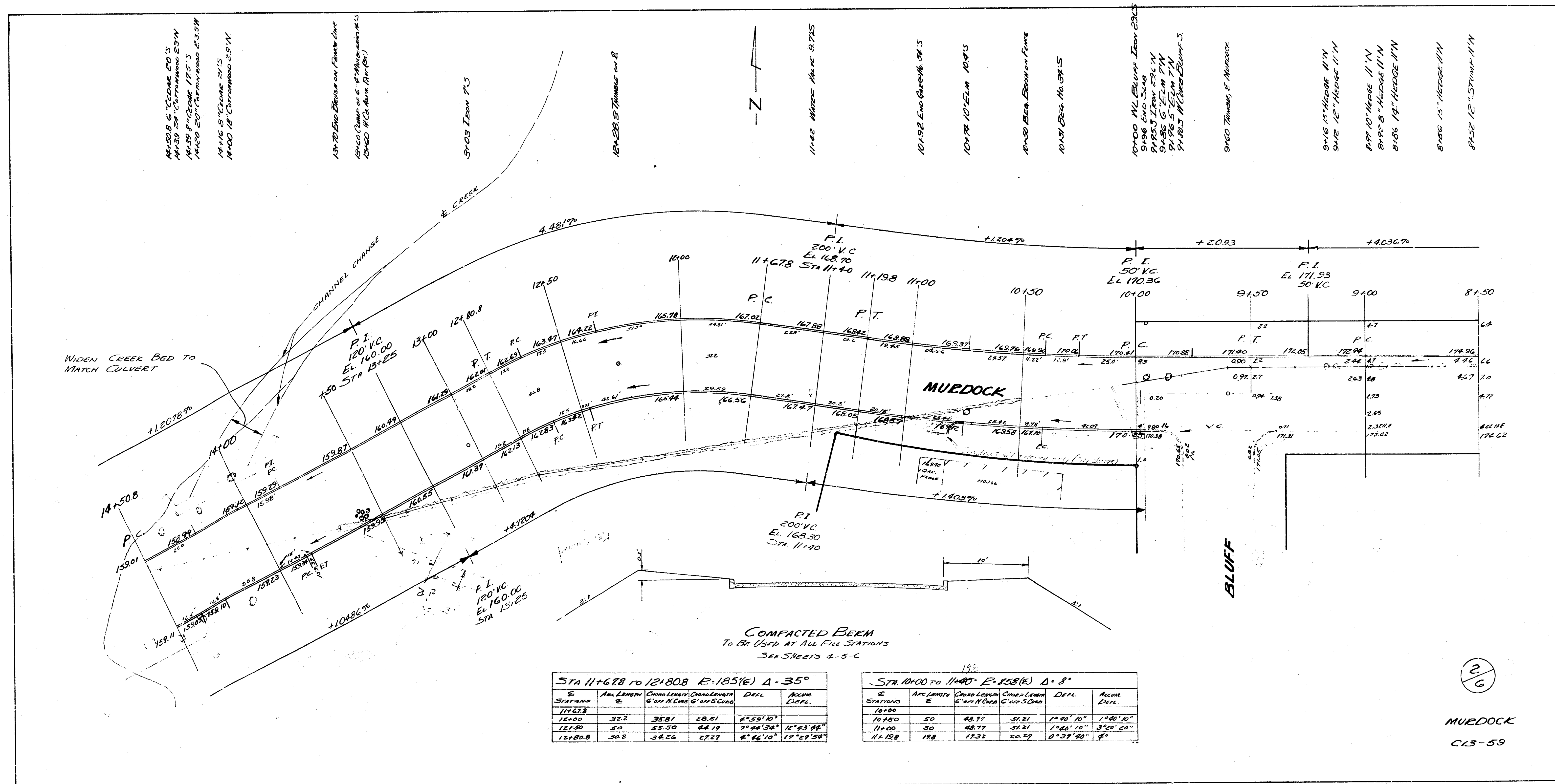


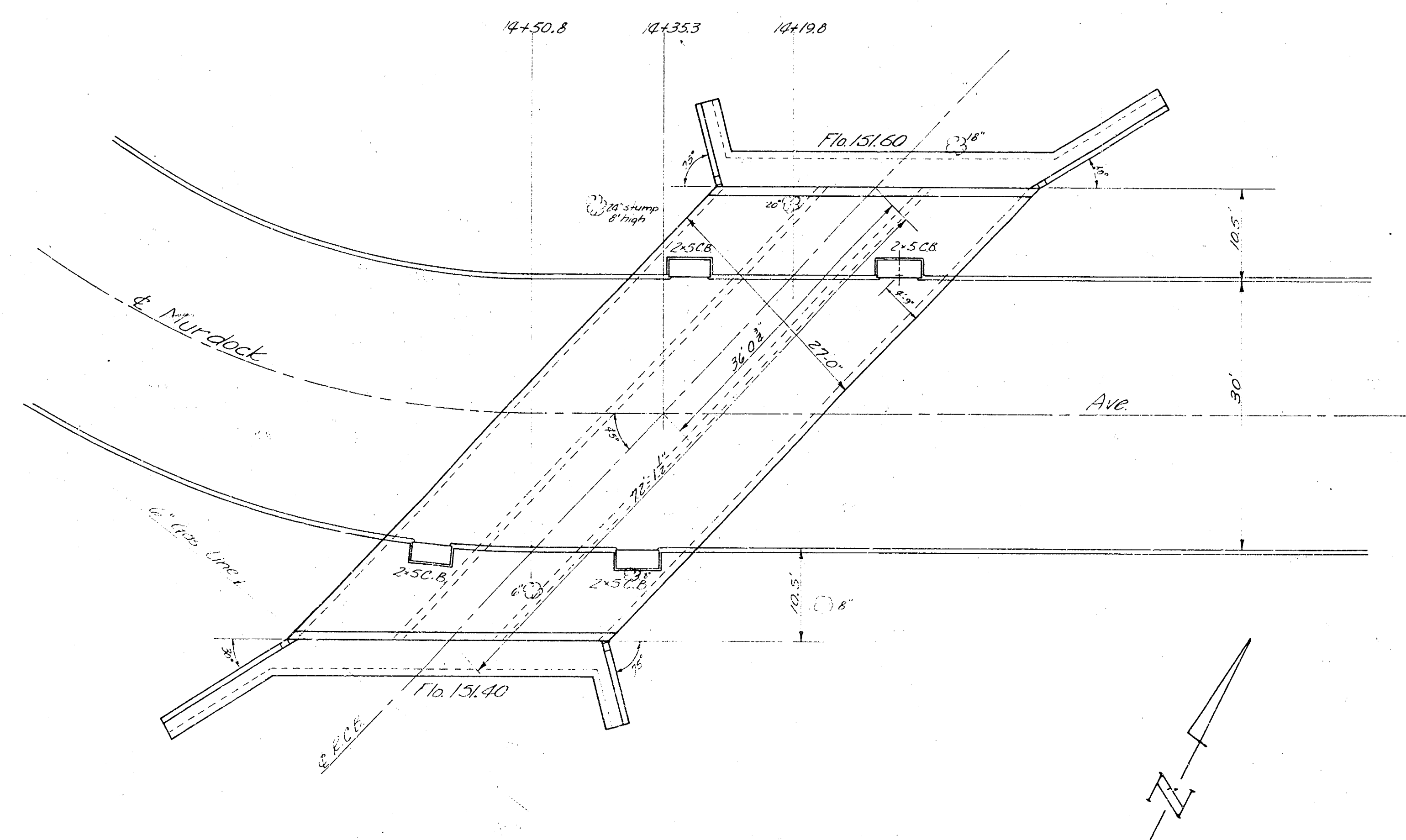




2/6

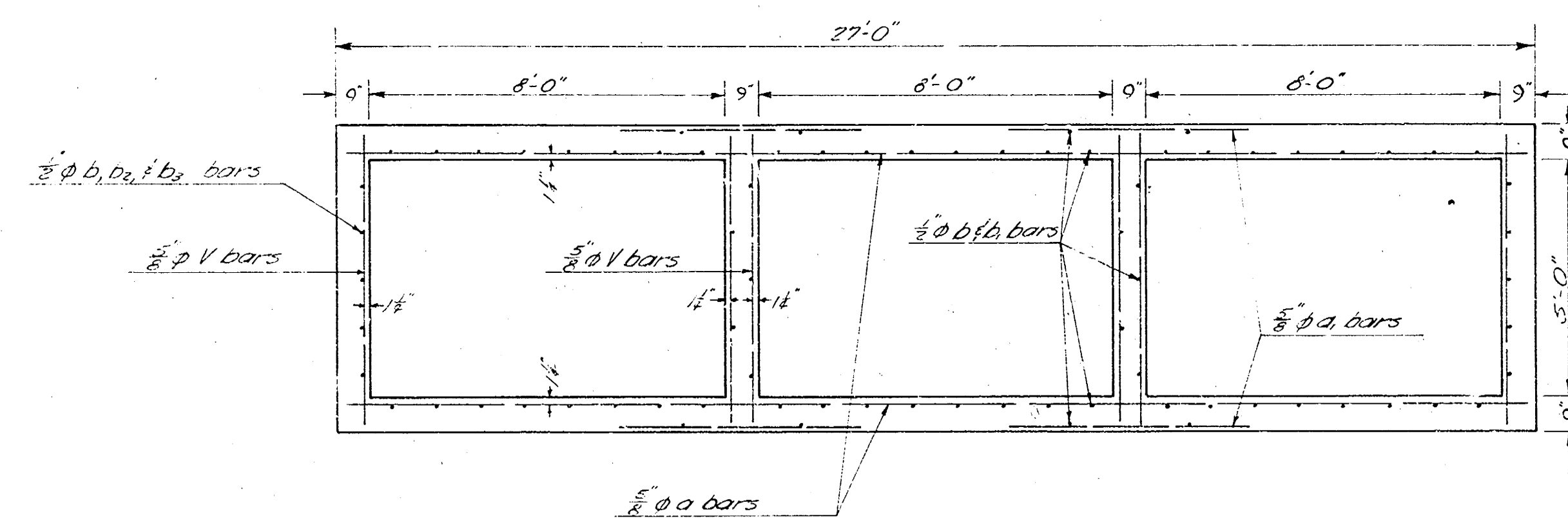
MURDOCK
C13-59

3 - 8'x5' R.C.B.
MURDOCK AVE.

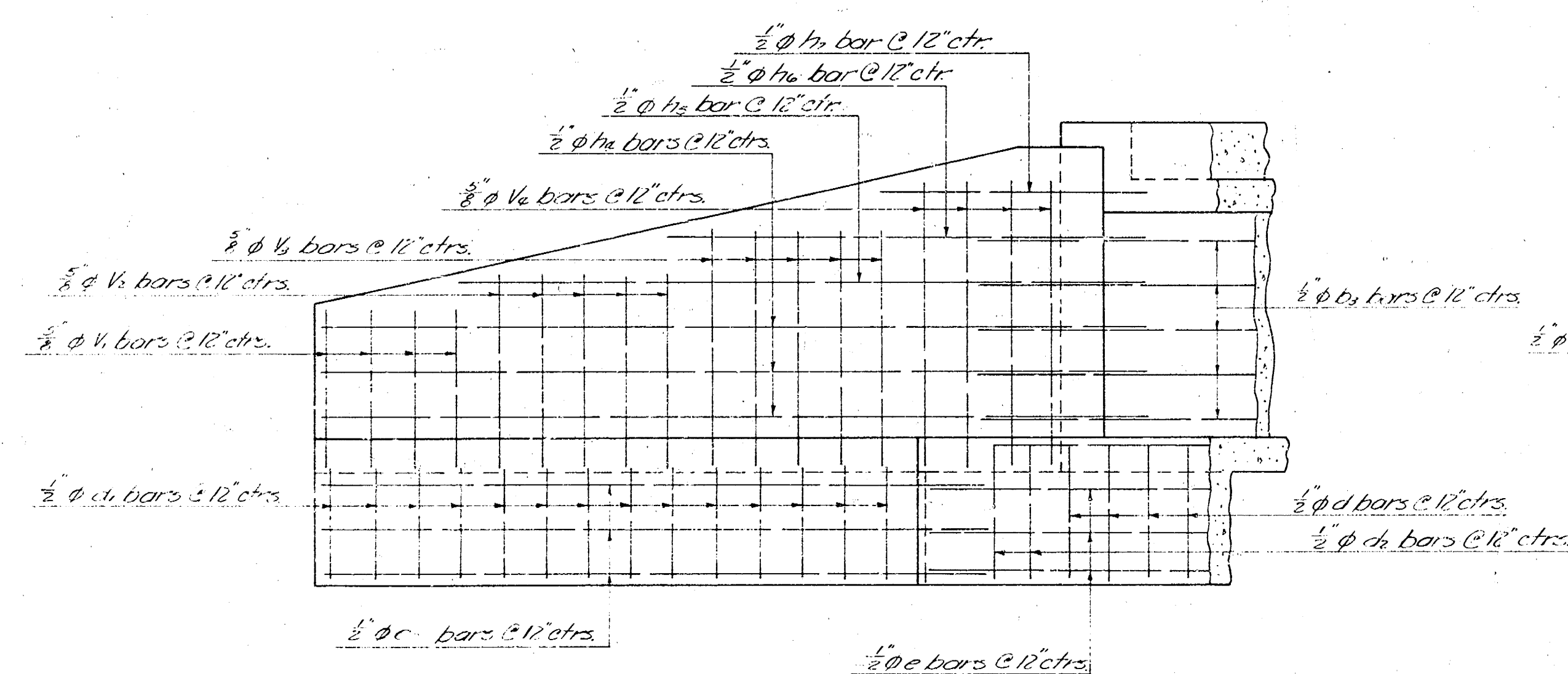


PLAN LAYOUT
Scale: 1" = 10'

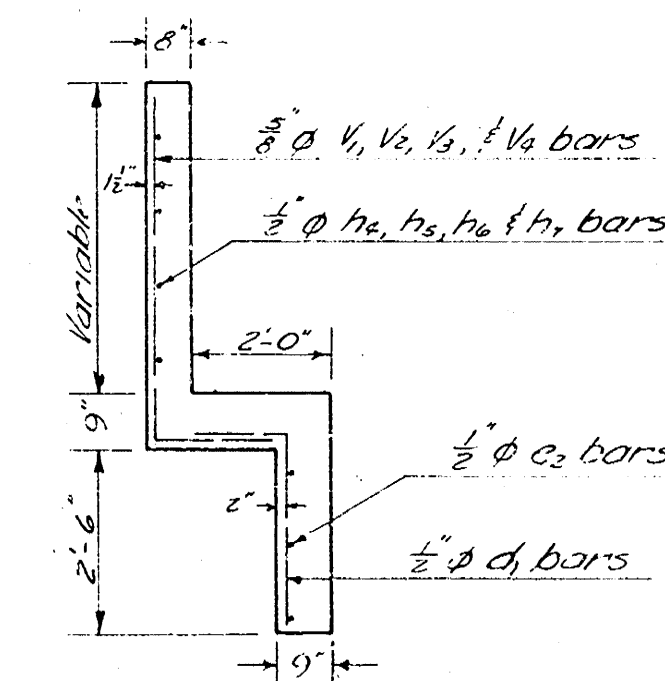
NOTE: Excavation is to be extended 2.0' beyond sides of the box & wingwalls. Backfill is to be carried to original ground elevation. Backfill is to be sand stabilized and mechanically tamped.



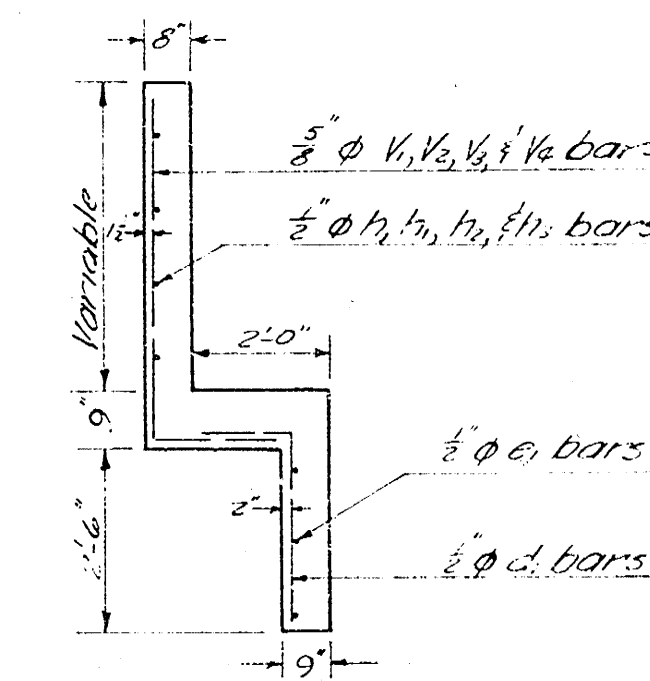
CROSS SECTION OF BOX
Scale: $\frac{1}{8}" = 1'-0"$



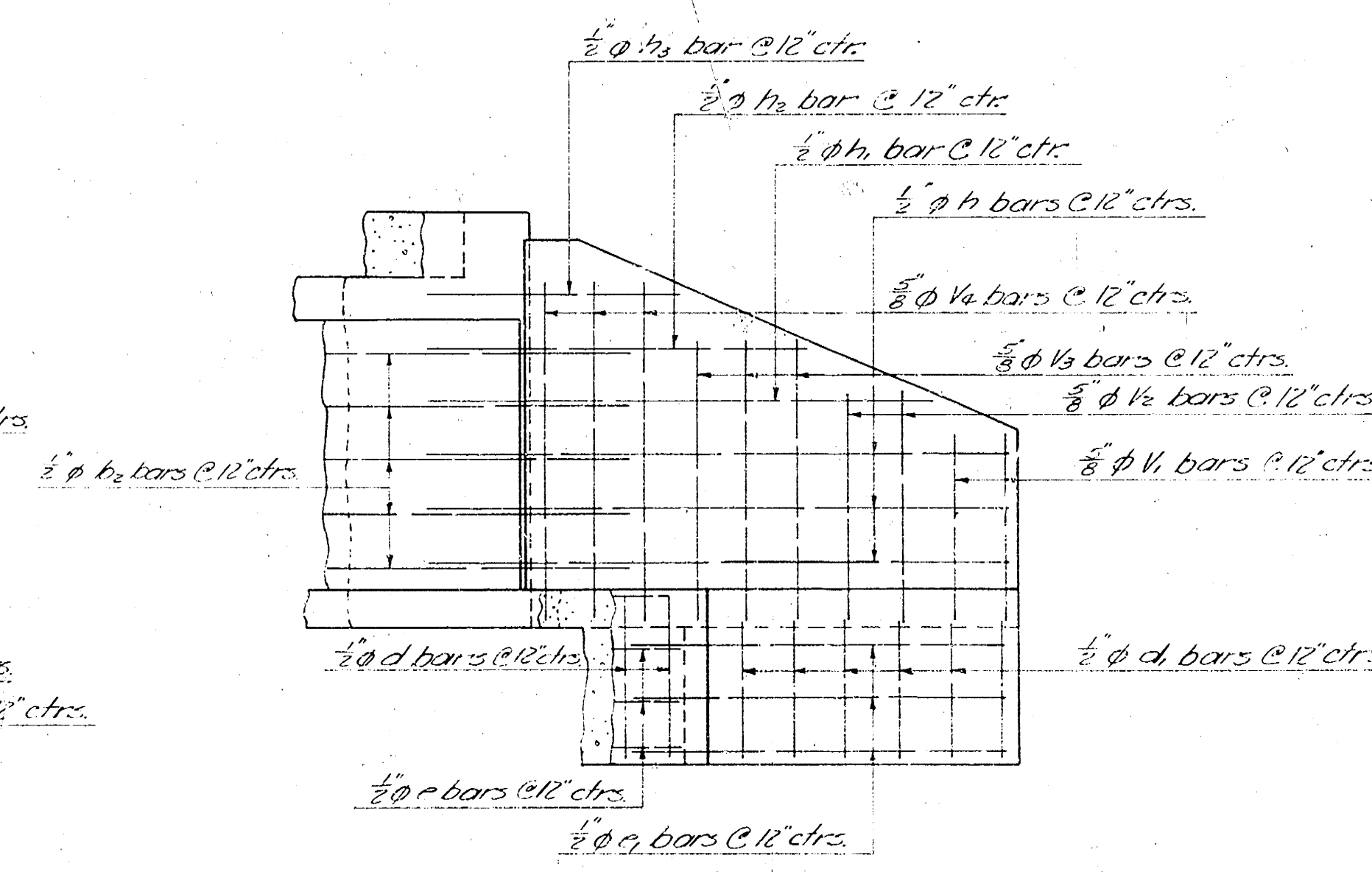
LONGITUDINAL SECTION OF WINGWALL
Scale: $\frac{1}{8}" = 1'-0"$



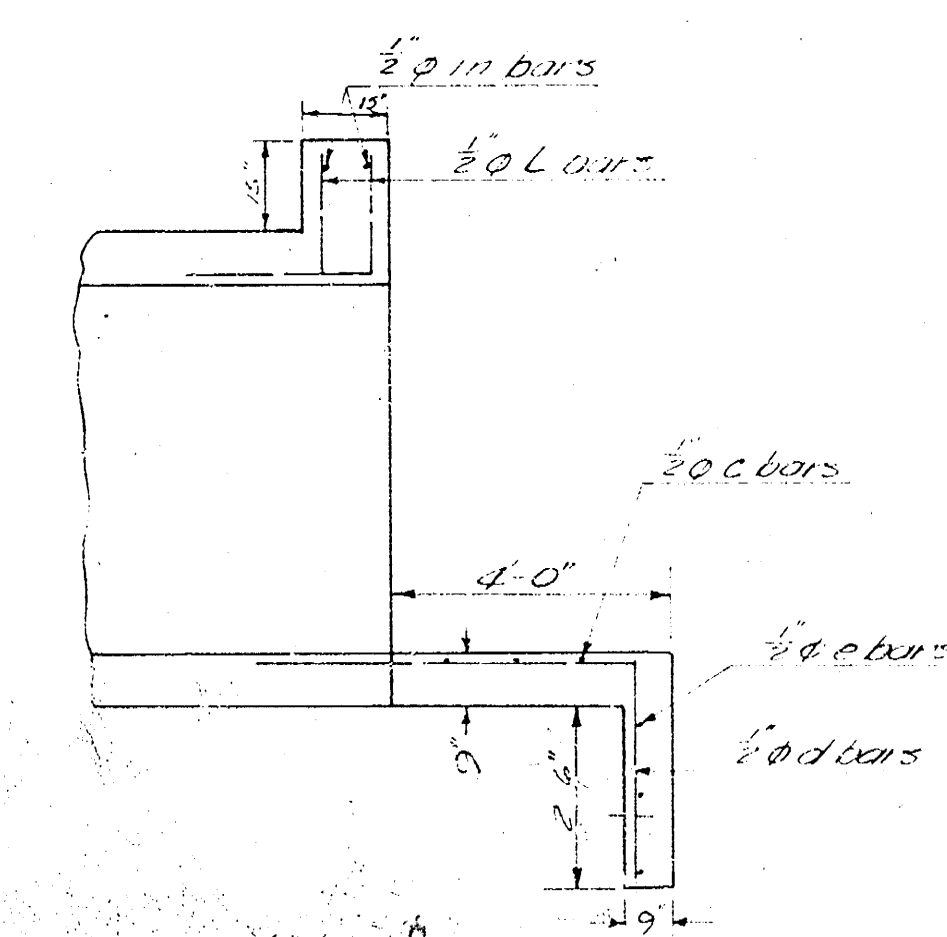
SECTION A-A
No Scale



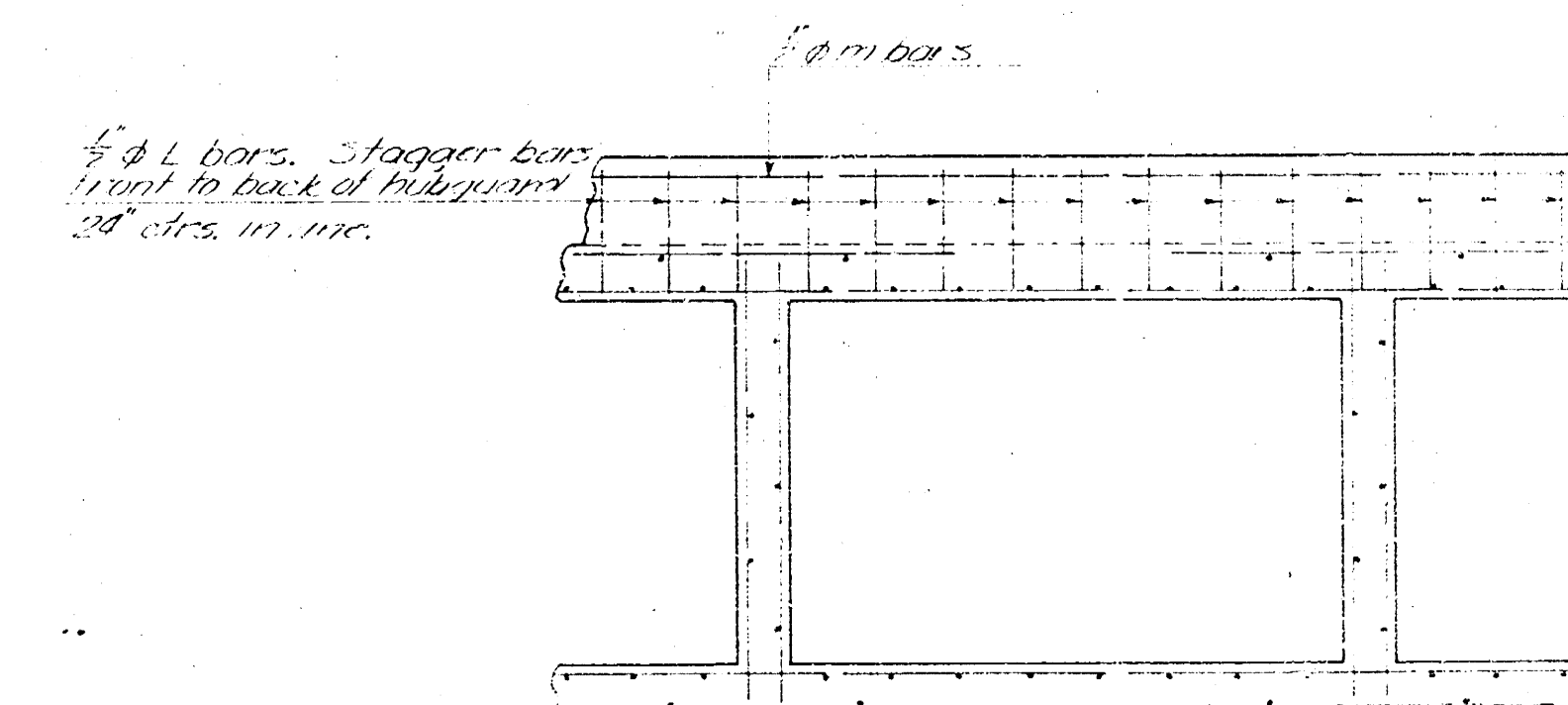
SECTION C-C
No Scale



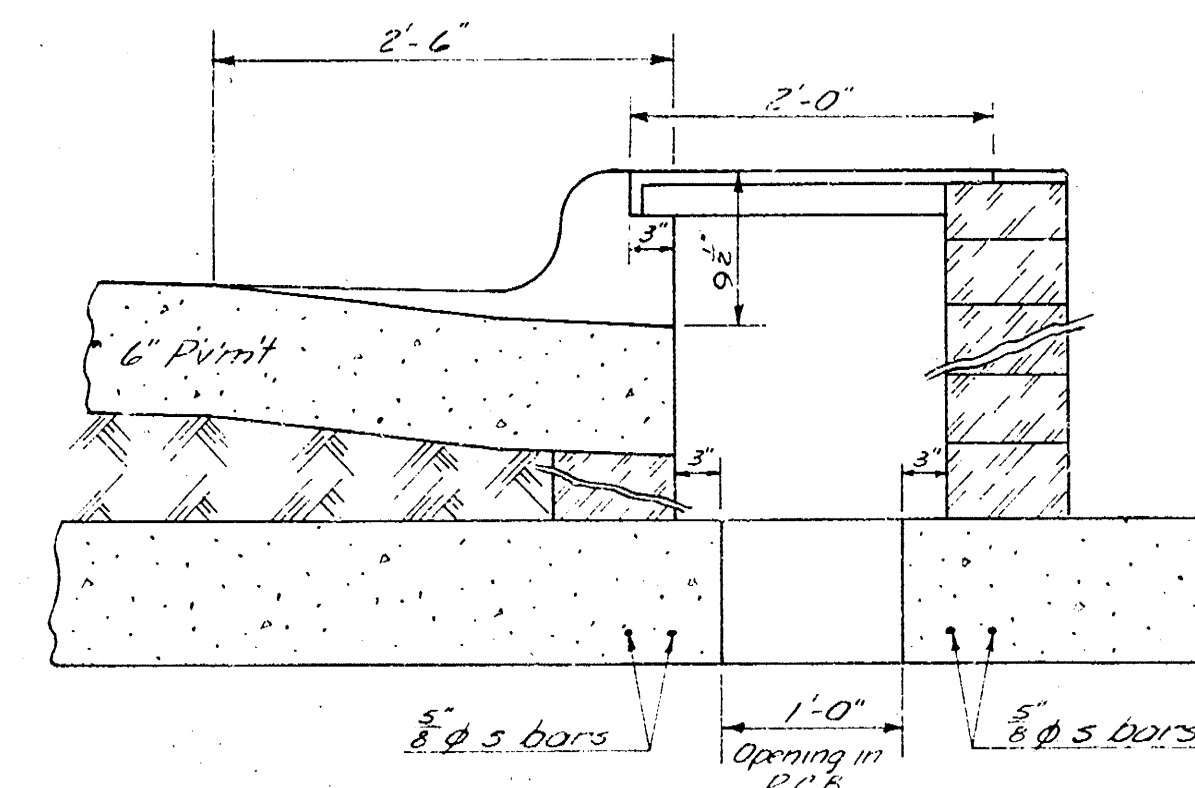
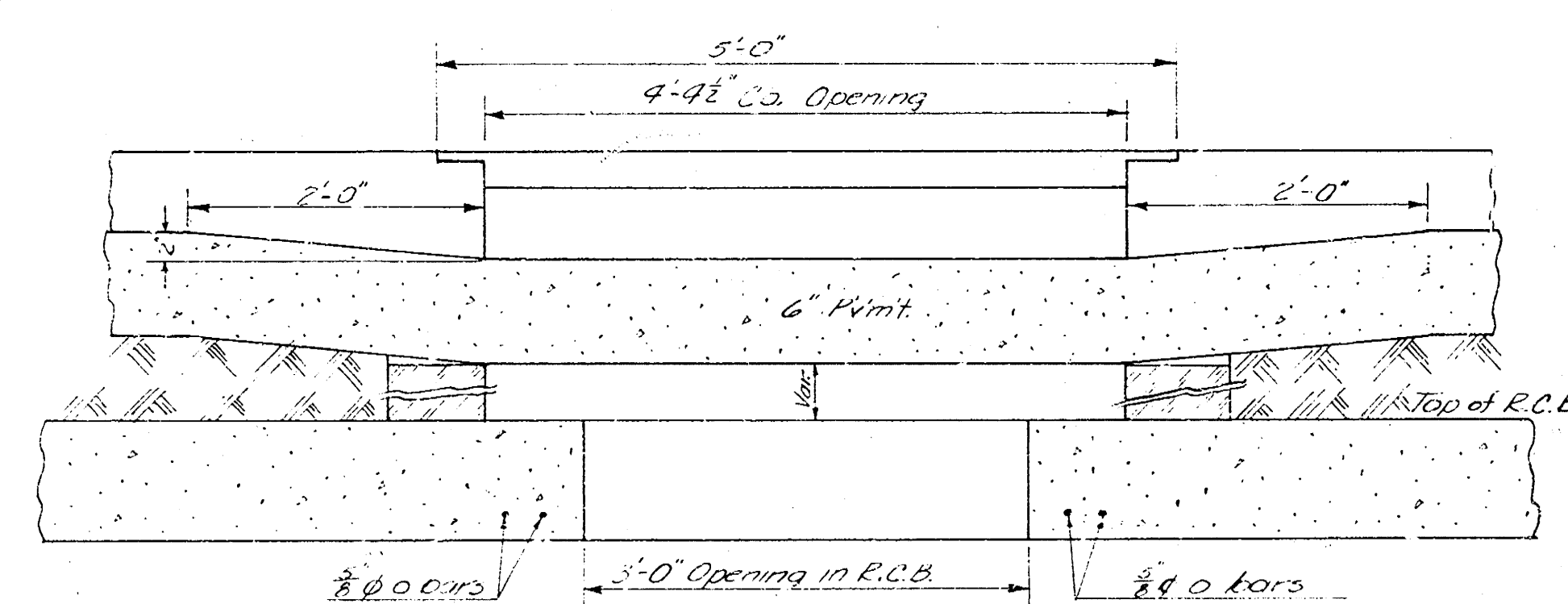
LONGITUDINAL SECTION OF WINGWALL
Scale: $\frac{1}{8}" = 1'-0"$



SECTION B-B
Scale: $\frac{1}{8}" = 1'-0"$

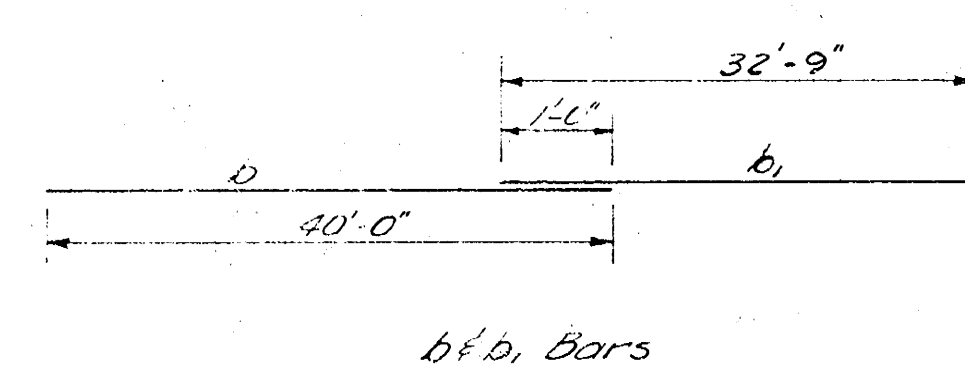


SECTION OF BOX & HUBGUARD
Scale: $\frac{1}{8}" = 1'-0"$

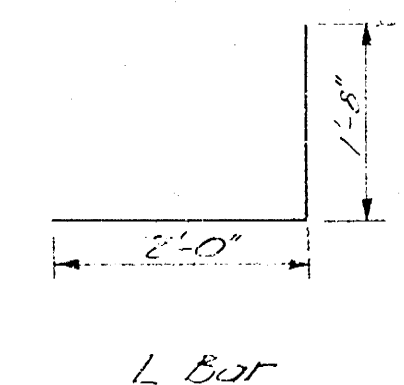
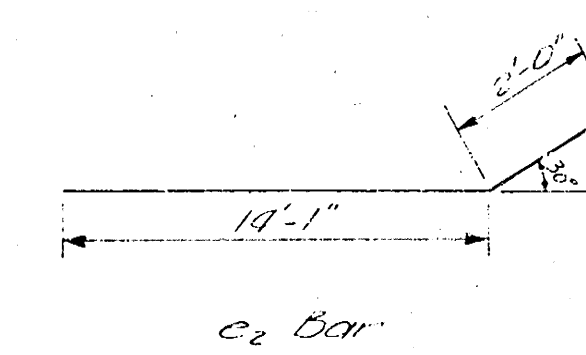
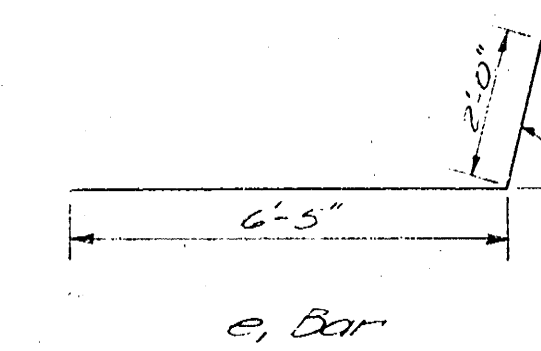
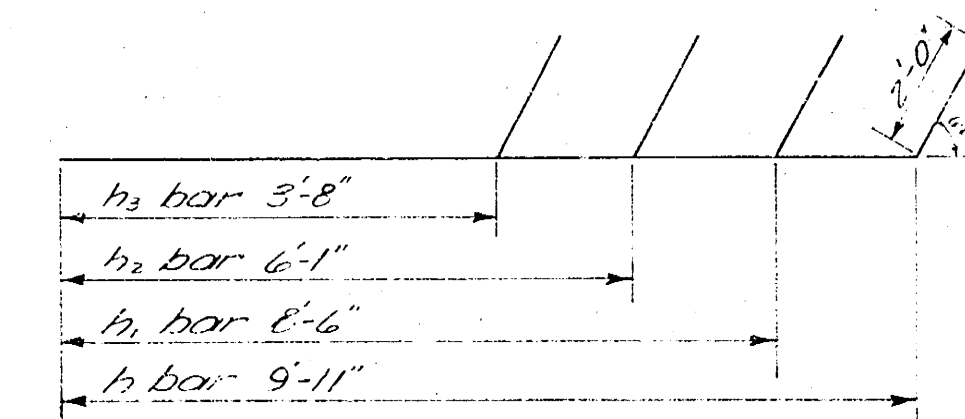
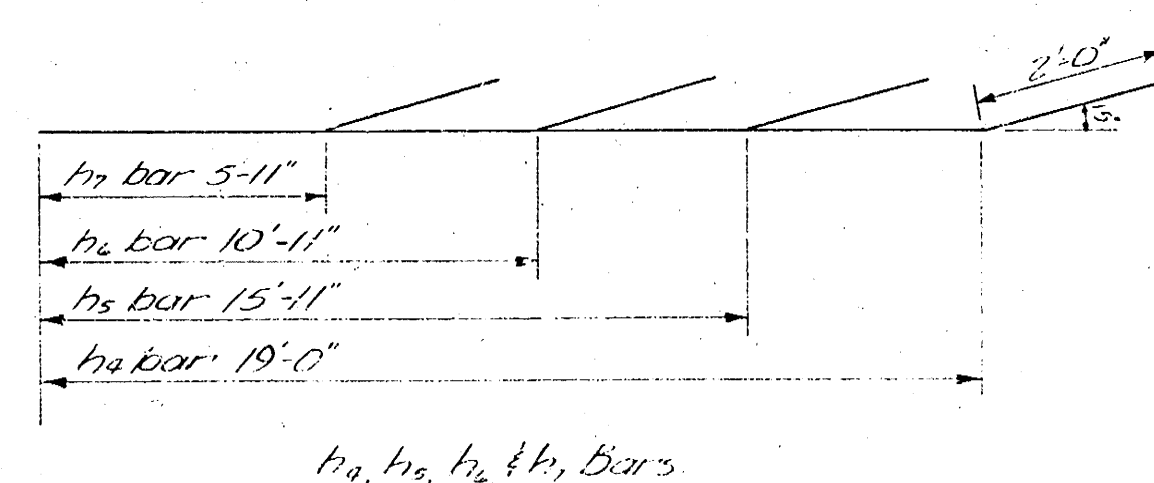
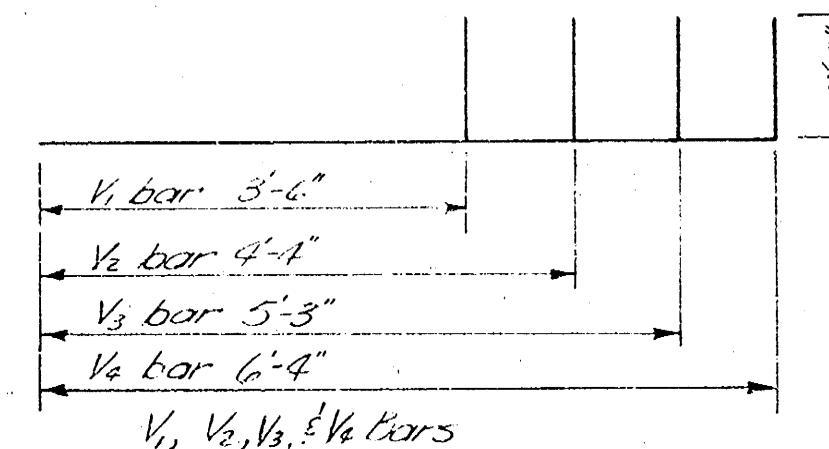
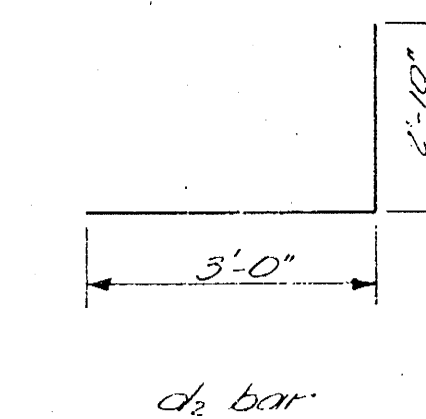
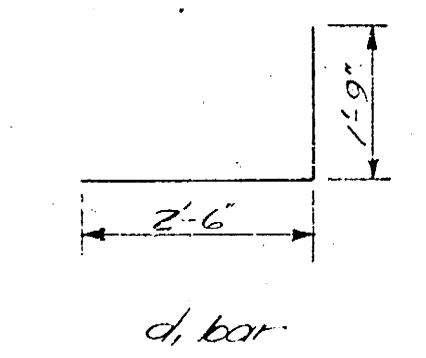
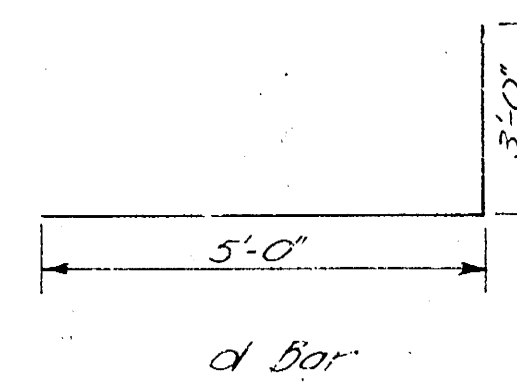
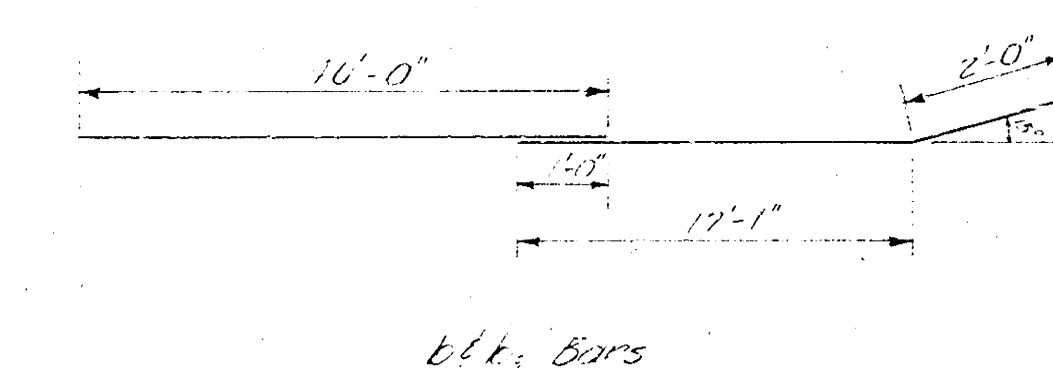
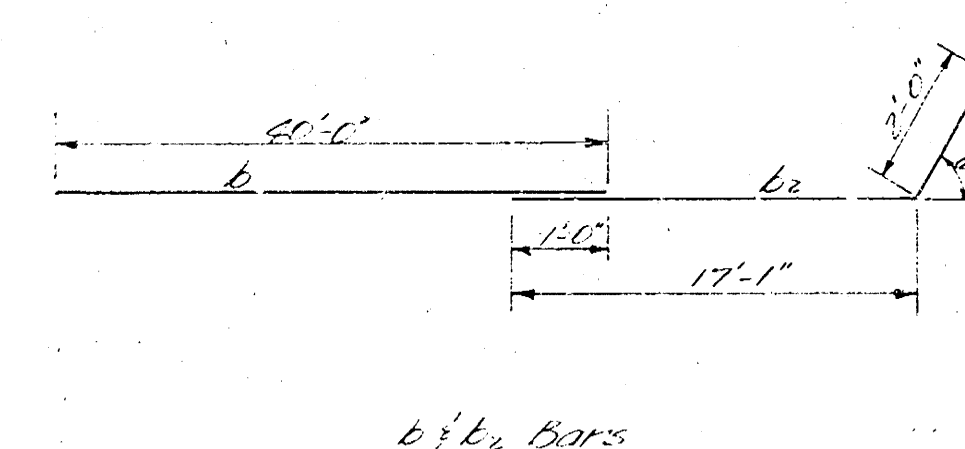


SECTIONS THROUGH CATCH BASINS
Scale: 1" = 1'-0"

STEEL SCHEDULE									
BAR	SIZE	NO.	LENGTH	SHAPE	BAR	SIZE	NO.	LENGTH	SHAPE
a	#4	214	26'-8"	—	m	#4	2	12'-11"	—
a	#4	182	26'-8"	—	n	#4	2	7'-11"	—
a	#4	656	5'-6"	—	l	#4	78	3'-6"	—
b	#4	76	40'-0"	—	m	#4	4	37'-6"	—
b	#4	66	32'-9"	—	o	#4	16	3'-0"	—
b	#4	10	19'-1"	—	s	#4	16	12'-4"	—
b	#4	10	19'-1"	—	v	#4	288	6'-8"	—
c	#4	6	38'-0"	—	w	#4	12	5'-6"	—
d	#4	70	8'-0"	—	x	#4	18	6'-6"	—
d	#4	40	4'-3"	—	y	#4	16	7'-3"	—
d	#4	4	5'-10"	—	z	#4	18	6'-3"	—
e	#4	6	38'-8"	—					
e	#4	6	8'-5"	—					
e	#4	6	16'-1"	—					
h	#4	6	11'-11"	—					
h	#4	2	10'-6"	—					
h	#4	2	8'-1"	—					
h	#4	2	5'-8"	—					
h	#4	6	31'-0"	—					
h	#4	2	17'-11"	—					



NOTE: Alternate splice of b1, b2 bars at opposite ends of the box.



BAR BENDING DIAGRAMS No Scale

ITEM	QUANTITY	UNITS
Class B Concrete	179.60	Cu Yd
General Excavation	139.0	Cu Yd
Hand Excavation	19.1	Cu Yd
Compacted Backfill-Sand	25	TON
Reinf. Steel	20,935	LBS
Catch Basins	4	Complete
Large Trees Removed	3	
Small Trees Removed	2	