

14.3 C.Y. CONCRETE-CLASS 1

PROPOSED REGULATOR
0 - TYPE "C" CONTROL
FOR CITY OF MASSILLON, OHIO.

SCALE: $3/4" = 1 \text{ FT.}$

NOV. 1951

REGULATOR BOX

Reinforcing						
			No. of Pcs.	Length	Total Length	
Walls	V ₁	1/2" φ	12%	40	8.75	350.00
Walls	H ₁	"	"	10	6.0	60.00
Bot.	H ₁	"	"	3	6.0	18.00
Top	H ₁	"	"	3	6.0	18.00
Walls	H ₂	"	"	10	9.66	96.60
Bot.	H ₂	"	"	5	9.66	48.30
Top.	H ₂	"	"	5	9.66	48.30
Walls	H ₃	"	"	8	4.0	32.00
Walls	H ₄	"	"	10	5.0	50.00
Bot.	H ₄	"	"	3	5.0	15.00
Top	H ₄	"	"	3	5.0	15.00
Walls	H ₅	"	"	20	8.5	170.00
Bot.	H ₅	"	"	5	8.5	42.50
Top	H ₅	"	"	5	8.5	42.50
					1006.20	x 0.668 = 672.14 #s

HEADWALL

TABLE 2						
	V_1	"	"	4	4.5	18.00
	V_2	"	"	4	6.5	26.00
	H_1	"	"	4	2.66	10.64
	H_2	"	"	10	3.0	30.00
						$84.64 \times 0.668 = 56.54 \text{ lbs}$
						<u>Total = 728.68 lbs</u>

