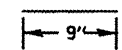


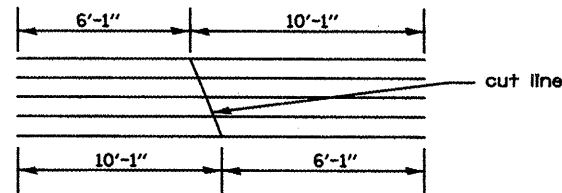
h



*4 @ 9" cts - 2 bars req.

h1

*5 @ 12" cts. 5 bars req. to be cut into 10 bars total



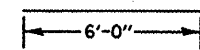
h11 - h15 *4 @ 18" cts.



Bar	Length
h11	10'-0"
h12	14'-3"
h13	18'-4"
h14	22'-6"
h15	26'-0"

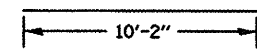
h11-h14: 1 bar of each length is req.
h15: 3 bars of stated length req.
lengths given in this chart do not include extra length for lapping bars.

h2



*5 - 1 bar req.

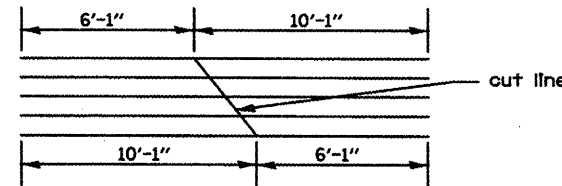
h3



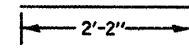
*5 - 1 bar req.

h4

*4 @ 12" cts. 5 bars req. to be cut into 10 bars total

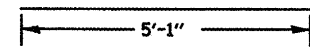


h16



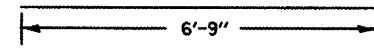
*4 @ 18" cts. 1 bar req.

h17



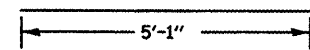
*4 @ 18" cts. 1 bar req.

h18



*4 @ 18" cts. 3 bars req.

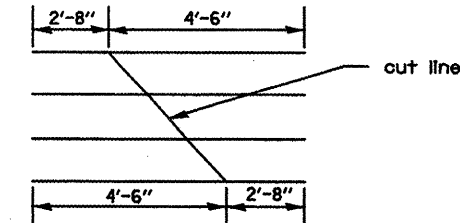
h19



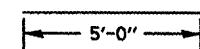
*4 @ 18" cts. 1 bar req.

h20

*4 @ 18" cts. 4 bars req. to be cut into 8 bars total

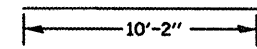


h5



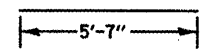
*4 - 1 bar req.

h6



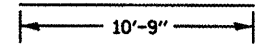
*4 - 1 bar req.

h7



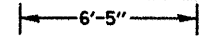
*5 @ 6" cts. 7 bars req.

h8



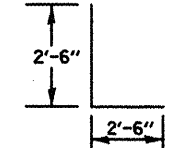
*5 @ 6" cts. 7 bars req.

h9



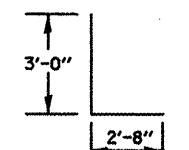
*4 @ 12" cts. 6 bars req.

d



*4 @ 12" cts. 22 bars req.

d1



*4 @ 18" cts. 18 bars req.

BILL OF MATERIAL

BAR	SIZE	LENGTH	NORTH SIDE NO.	SOUTH SIDE NO.	SHAPE
a	4	5'-8"	16	16	U
a1	4	5'-4"	2	2	U
a2	4	4'-8"	2	2	U
a3	4	3'-10"	2	2	U
a4	4	3'-2"	2	2	U
a5	4	2'-5"	2	2	U
x	4	5'-2"	26	26	L
x1	4	5'-10"	12	12	L
x2	4	7'-10"	12	12	L
x3	4	4'-0"	10	10	L
x4	4	11'-4"	2	2	L
x4a	4	21'-0"	2	2	L
x5	4	11'-9"	2	2	L
x5a	4	21'-3"	2	2	L
v	4	6'-9"	24	24	L
v1	4	9'-8"	6	6	L
v2	4	9'-5"	16	16	L
h	4	9"	2	2	L
h1	5	16'-2"	5	5	L
h2	5	6'-0"	1	1	L
h3	5	10'-2"	1	1	L
h4	4	16'-2"	5	5	L
h5	4	5'-0"	1	1	L
h6	4	10'-2"	1	1	L
h7	5	5'-7"	7	7	L
h8	5	10'-9"	7	7	L
h9	4	6'-5"	6	6	L
h10	4	16'-0"	6	6	L
h11	4	10'-0"	1	1	L
h12	4	14'-3"	1	1	L
h13	4	18'-4"	1	1	L
h14	4	22'-6"	1	1	L
h15	4	26'-0"	3	3	L
h16	4	2'-2"	1	1	L
h17	4	5'-1"	1	1	L
h18	4	6'-9"	3	3	L
h19	4	5'-1"	1	1	L
h20	4	7'-2"	4	4	L
d	4	5'-0"	22	22	L
d1	4	5'-8"	18	18	L
CONC. BOX CULV. YD ³			14.1	14.1	
REINFORCEMENT BARS			LBS		2324
CONC. BOX CULV.			YD ³		28.2

*Refer to cut diagram for total amount of rebar required.

DRAWING NOT TO SCALE