

## S O L D I E R   B E A M S

## BEAMS &amp; CAISSONS

## SCHEDULE OF MATERIALS

BEAM	SECTION (AISC)	WEIGHT (foot/ beam)	LENGTH (feet/ beam)	WEIGHT (lbs/ steel)	CAISSON (feet/ conc)	CONCRETE* (cubic yards)
1	W14	38	40.0	1,520	7.0	0.57
2	W14	38	40.0	1,520	7.0	0.57
3	W14	38	40.0	1,520	7.0	0.57
4	W14	38	40.0	1,520	7.0	0.57
5	W14	38	40.0	1,520	7.0	0.57
6	W14	38	40.0	1,520	7.0	0.57
7	W14	38	40.0	1,520	7.0	0.57
8	W14	38	40.0	1,520	7.0	0.57
9	W14	38	40.0	1,520	7.0	0.57
10	W14	38	40.0	1,520	7.0	0.57
11	W14	22	18.0	396	11.0	0.89
12	W14	22	18.0	396	11.0	0.89
13	W14	22	18.0	396	11.0	0.89
14	W14	22	18.0	396	11.0	0.89
15	W14	22	18.0	396	11.0	0.89
16	W14	22	18.0	396	11.0	0.89
17	W14	22	18.0	396	11.0	0.89
18	W14	22	18.0	396	11.0	0.89
19	W14	22	18.0	396	11.0	0.89

Totals: 18,764 169.0 13.7

## C O N C R E T E   W A L L S

## FACES

## SCHEDULE OF MATERIALS

WALL	WIDTH (feet)	MAX HT (feet)	MIN HT (feet)	THICK (in)	AREA (sq ft)	CONCRETE (cu yds)
TIE	80	21	21	10	1,680	51.85
CANT	76	8	8	10	608	18.77

Totals 2,288 70.6

\*Structural concrete; lean concrete not itemized.

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