



Mark	Size	Shape	Length	No.	Weight
R2a	1/2 φ	Straight	5'-11 1/2"	1	4.0
R2b	1/2 φ	"	20'-7 1/2"	1	13.8
R2c	1/2 φ	"	34'-2 1/2"	19	494.2
R2d	1/2 φ	"	11'-2 1/2"	36	270.1
R2e	1/2 φ	"	20'-9 1/2"	23	319.7
R2f	1/2 φ	"	8'-1 1/4"	10	59.7
R2g	1/2 φ	"	22'-10 3/4"	13	198.9
R2h	1/2 φ	"	13'-8 3/4"	5	45.9
R2i	1/2 φ	"	4'-4 1/4"	8	23.3
R2k	1/2 φ	"	27'-3 1/2"	1	13.3
R2l	1/2 φ	"	31'-9 1/2"	14	291.5
R2m	1/2 φ	"	31'-4 1/2"	1	20.9
R2p	1/2 φ	"	8'-8 1/2"	1	5.8
P6a	3/8 φ	Bent	7'-9"	12	190.1
P4a	3/8 φ	"	6'-7 1/2"	9	62.2
P6b	3/8 φ	"	8'-0 1/2"	66	1084.6
P4b	3/8 φ	"	5'-10 1/2"	18	110.4
P4c	3/8 φ	"	6'-4 1/2"	47	316.7
P4d	3/8 φ	"	6'-0 1/2"	53	333.9
P4e	3/8 φ	"	6'-4"	20	132.0
P4f	3/8 φ	"	5'-3 1/2"	8	44.1
P4g	3/8 φ	"	6'-1 1/2"	8	51.1
M7a	1 φ	"	13'-7"	65	2242.2
M6a	7/8 φ	"	12'-3"	22	350.9
M5a	3/4 φ	"	10'-6"	15	236.6
M6b	7/8 φ	"	11'-6"	33	775.2
M6c	7/8 φ	"	12'-0"	8	196.2
M6d	7/8 φ	"	11'-3"	11	253.0
N7a	1 φ	"	9'-4"	68	1694.0
N6a	7/8 φ	"	8'-9"	21	375.6
N5a	3/4 φ	"	7'-6"	13	169.0
N6b	7/8 φ	"	8'-0"	35	572.3
N6c	7/8 φ	"	8'-6"	8	139.0
N6d	7/8 φ	"	7'-9"	11	174.3
O5a	3/4 φ	Straight	12'-6"	64	120.2
O4a	3/8 φ	"	10'-3"	60	641.5
O4b	3/8 φ	"	10'-2"	11	116.7
O4c	3/8 φ	"	8'-3"	11	94.7
O4d	3/8 φ	"	8'-6"	4	35.5
O4e	3/8 φ	"	12'-4"	8	102.9
S2a	1/2 φ	"	3'-3"	17	36.9
S2b	1/2 φ	"	3'-4 1/2"	9	20.3
S2c	1/2 φ	"	3'-6"	36	84.2

PLAN
SCALE 1"=5'
Note: 100' on R1=91.47' along face of wall

EST. QUANTITIES	
Excavation (Earth)	402.9 cu.yds.
Excavation (Shale)	334.3 " "
Backfill	369.0 " "
Concrete 1-5/2 (Wall)	101.73 " "
" " (Footings)	101.02 " "
Reinf. Steel	12,670 lbs.
Folded Copper Joint	46.5 lin.ft
Type B Waterproofing	15.83 sq.yds
1/4" Prem. Exp. Joint	59.37 sq.ft.