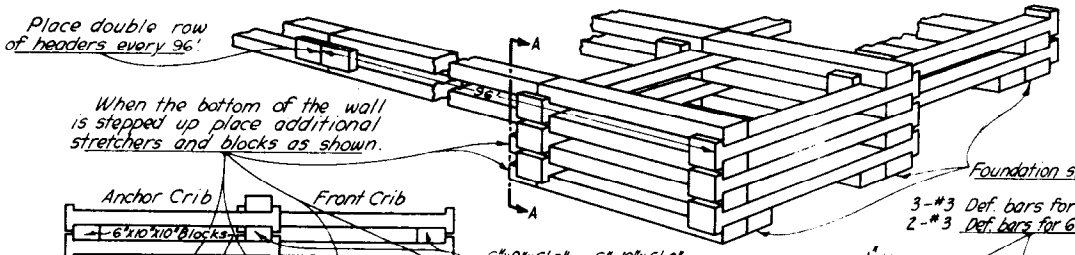
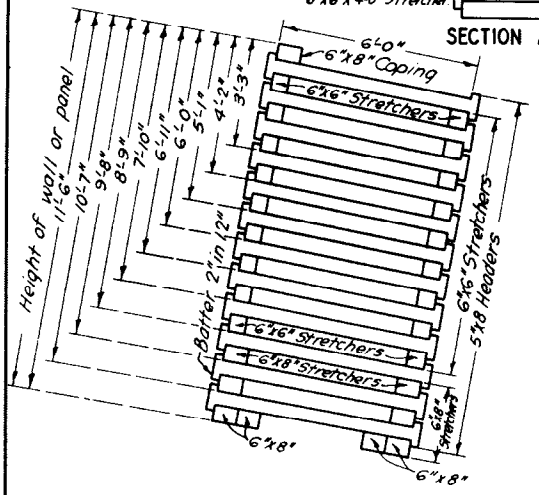
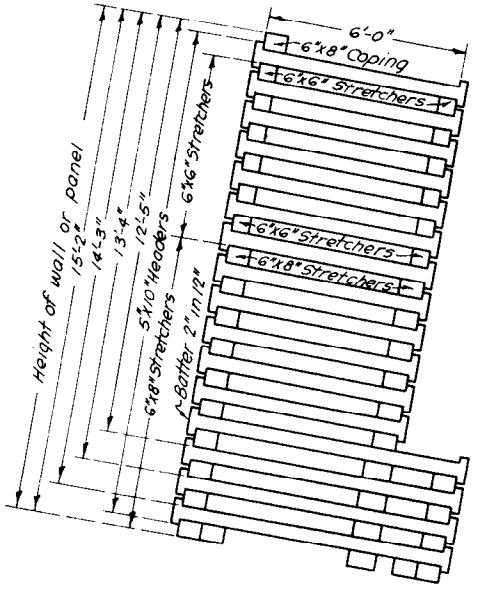
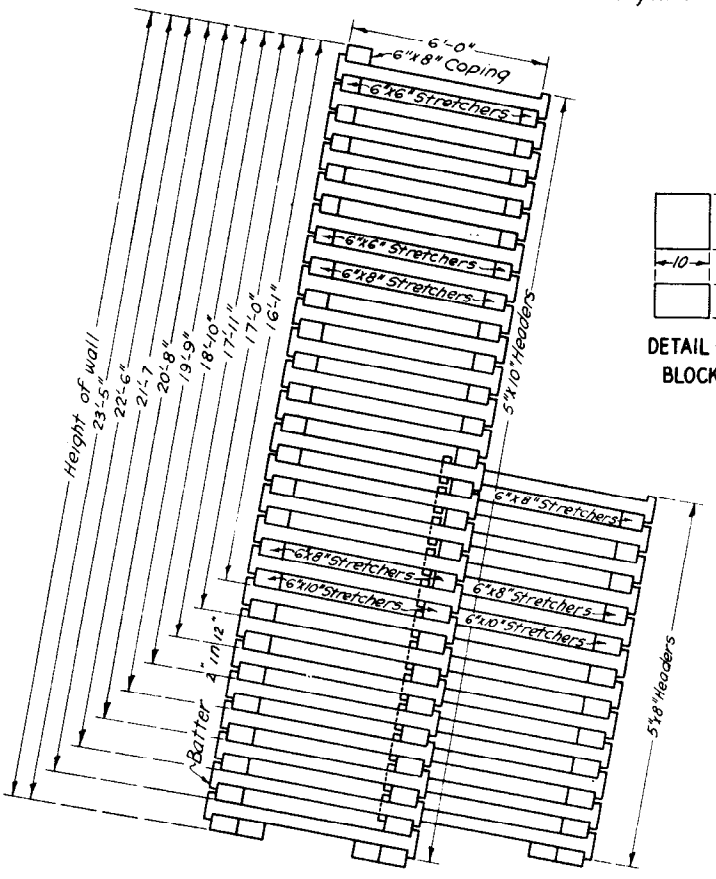




TYPICAL SECTION
CRIBBING – CASE "A"
11'-6" MAX. HEIGHT



TYPICAL SECTION
CRIBBING – CASE "B"
15'-2" MAX. HEIGHT



TYPICAL SECTION
CRIBBING CASE "C"
23'-5" MAX. HEIGHT

DETAIL OF BLOCK

DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING — CITY OF LOS ANGELES

REINFORCED CONCRETE CRIBBING
MASSEY TYPE

STANDARD PLAN

SUPERSEDES PLAN NO. B-1650

B-3704

SHEET 1 OF 2 SHEETS

DESIGNED BY	SUBMITTED July 6, 1962	APPROVED July 9, 1962
DRAWN BY R. L. M.	BY Ray J. Hall, ENGINEER BRIDGE & STRUCTURAL DESIGN DIVISION	Ronald Thompson, DEPUTY ENGINEER DESIGN
CHECKED BY E. R.	PREPARED BY Robert A. McRae, ENGINEER OPENING & WIDENING DIVISION	Lyall A. Pardee 7/20/62, CITY ENGINEER

TABLE OF QUANTITIES

CASE "A"

NUMBER OF HEADERS REQUIRED FOR HEIGHTS SHOWN BELOW

Height of wall	3'-3"	4'-2"	5'-1"	6'-0"	6'-11"	7'-10"	8'-9"	9'-8"	10'-7"	11'-6"
5"x8"x6'-0"	3	4	5	6	7	8	9	10	11	12

NUMBER OF STRETCHERS REQUIRED FOR HEIGHTS SHOWN BELOW

Height of wall	3'-3"	4'-2"	5'-1"	6'-0"	6'-11"	7'-10"	8'-9"	9'-8"	10'-7"	11'-6"
6"x6"x6'-0"	8	10	12	14	16	18	20	18	18	18
6"x8"x6'-0"	1	1	1	1	1	1	1	5	7	9

CASE "B"

NUMBER OF HEADERS REQUIRED FOR HEIGHTS SHOWN BELOW

Height of wall	12'-5"	13'-4"	14'-3"	15'-2"
5"x10"x6'-0"	12	12	12	12
5"x10"x 8'-0"	1	2	3	4

NUMBER OF STRETCHERS AND BLOCKS REQUIRED FOR HEIGHTS SHOWN BELOW

Height of wall	12'-5"	13'-4"	14'-3"	15'-2"
6"x 6"x 6'-0"	12	12	12	12
6"x8"x 6'-0"	17	19	21	23
6"x10"x10" Blocks	1	2	3	4

CASE "C"

NUMBER OF HEADERS REQUIRED FOR HEIGHTS SHOWN BELOW

Height of wall	16'-1"	17'-0"	17'-11"	18'-10"	19'-9"	20'-8"	21'-7"	22'-6"	23'-5"
5"x10"x6'-0"	17	18	19	20	21	22	23	24	25

NUMBER OF STRETCHERS AND BLOCKS REQUIRED FOR HEIGHTS SHOWN BELOW

Height of wall	16'-1"	17'-0"	17'-11"	18'-10"	19'-9"	20'-8"	21'-7"	22'-6"	23'-5"
6"x6"x6'-0"	12	12	12	12	12	12	12	12	12
6"x8"x6'-0"	21	21	21	21	21	21	21	21	21
6"x10"x6'-0"	4	6	8	10	12	14	16	18	20

ANCHOR CRIB NO. OF HEADERS REQ. FOR HTS SHOWN BELOW

Height of wall	16'-1"	17'-0"	17'-11"	18'-10"	19'-9"	20'-8"	21'-7"	22'-6"	23'-5"
5"x8"x 6'-0"	4	5	6	7	8	9	10	11	12

NUMBER OF STRETCHERS AND BLOCKS REQUIRED FOR HEIGHTS SHOWN BELOW

Height of wall	16'-1"	17'-0"	17'-11"	18'-10"	19'-9"	20'-8"	21'-7"	22'-6"	23'-5"
6"x8"x6'-0"	5	4	4	4	4	4	4	4	4
6"x10"x6'-0"		2	3	4	5	6	7	8	9
6"x 10"x10" BLOCKS	1	1	1	1	1	1	1	1	1

NUMBER OF STRETCHERS AND BLOCKS REQUIRED FOR STEPS IN BOTTOM OF WALL

Height of step	11"	1'-10"	2'-9"	3'-8"	4'-7"	
6"x6"x6'-0" Stretcher	1	1	1	1	1	CASE "A"
6"x10"x10" Block		2	4	6	8	
6"x6"x8'-0" Stretcher	1	1	1	1	1	CASE "B"
6"x10"x10" Block		2	4	6	8	
6"x6"x6'-0" Stretcher	1	1	1	1	1	CASE "C"
6"x6"x4'-0" Stretcher	1	1	1	1	1	
6"x10"x10" Block	1	4	7	10	13	

NOTE: THE ABOVE ADDITIONAL MEMBERS ARE NOT REQUIRED IN THE EVENT THAT THE STEP UP IN THE BOTTOM OF THE WALL OCCURS WHERE AN ADDITIONAL ROW OF HEADERS IS PROVIDED.

SPECIFICATIONS

ALL MATERIALS SHALL CONFORM TO THE LATEST ADOPTED SPECIFICATIONS.

CASE A, B, OR C SHALL BE USED AS DETERMINED BY MAXIMUM HEIGHT OF WALL.

STRETCHERS SHALL BE LAID IN A STRAIGHT LINE OR ON CHORDS OF A CONTINUOUS ARC, AND THE ENDS OF STRETCHERS SHALL ABUT, EXCEPT FOR CURVED WALLS, WHEN THE REAR STRETCHERS MAY BE STAGGERED TO OVERLAP.

ALIGNMENT AND LEVEL OF THE CRIB WALL SHALL BE CHECKED CONSTANTLY DURING CONSTRUCTION. TAR PAPER, HAVING A MAXIMUM THICKNESS OF 1/8 INCH, SHALL SEPARATE ALL BEARING SURFACES, AND SHALL BE USED TO ADJUST ELEVATION, EXCEPT THAT NOT MORE THAN THREE LAYERS SHALL BE USED IN ONE PLACE.

CRIB WALLS SHALL NOT BE LAID HIGHER THAN THREE FEET ABOVE BACKFILLING AT ANY TIME.

BACKFILL MATERIALS SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF THE CURRENT STANDARD SPECIFICATIONS OF THE DEPARTMENT OF PUBLIC WORKS, CITY OF LOS ANGELES.

COMPACTION OF BACKFILL MATERIAL SHALL BE BY MECHANICAL METHODS COMPLYING WITH THE STANDARD SPECIFICATIONS. THE USE OF HIGH-ENERGY IMPACT TYPE COMPACTORS WILL NOT BE PERMITTED.

ALL REINFORCING BARS SHALL BE SPACED ONE INCH CLEAR FROM THE FORMS.

CONCRETE SHALL BE CLASS 5.6-B-3000

AT INTERVALS OF 96 FEET THE CELLS SHALL BE SEPARATED BY MEANS OF AN EXTRA ROW OF HEADERS.

FOUNDATION STRETCHERS SHALL BE LAID UPON UNDISTURBED EARTH, IF EXCAVATION IS CARRIED BELOW SUB-GRADE WITHOUT AUTHORITY, AN ADDITIONAL DEPTH OF WALL SHALL BE CONSTRUCTED BY THE CONTRACTOR, UNLESS OTHERWISE DIRECTED BY THE ENGINEER IN CHARGE, AT NO EXPENSE TO THE CITY.

GENERAL NOTES

CRIB WALLS OVER 23'-5" HIGH WILL REQUIRE SPECIAL DETAILS ON THE GENERAL PLANS.

WHEN THE DEGREE OF CURVE CAUSES AN OPENING GREATER THAN ONE INCH ON THE FRONT STRETCHERS, THE CONSTRUCTION DETAILS WILL BE SHOWN ON THE GENERAL PLANS.

THE DESIGN OF CRIB WALLS WITH 4 AND 8 FEET STRETCHERS SHOULD NOT BE USED EXCEPT IN SPECIAL CASES, AND EXCEPT IN SUCH LOCATIONS AS ARE PROVIDED FOR ON THIS PLAN.

DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING — CITY OF LOS ANGELES

REINFORCED CONCRETE CRIBBING
MASSEY TYPE

STANDARD PLAN

SUPERSEDES PLAN NO. B-1650

B-3704

SHEET 2 OF 2 SHEETS

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DRAWN BY R. L. M.

CHECKED BY E. R.

SUBMITTED July 6, 1962

BY Ray D. Hall
ENGINEER BRIDGE & STRUCTURAL DESIGN DIVISION

PREPARED BY Robert A. McRae
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DEPUTY ENGINEER DESIGN

Lyall A Pardee 11/10/62
CITY ENGINEER