SECONDARY OPERATING ROOM
FLOOR FINISHED EL. ELEV. 116'-0"

NOTE :- OPENING SIZES NOT FINAL SUBJECT TO CHANGE DEPENDING ON MECHANICAL EQUIPMENT SELECTED. (TYPICAL FOR THE 2 OPENINGS)

NOTE "A"
AS-1 AT 3'-8" LGS. WITH SPACING FROM EACH END AS FOLLOWS:-
4" O.C. FOR 4'-0"
9" O.C. FOR 5'-0"
12" O.C. FOR 3'-0"

SECONDARY OPERATING, ASH DISCHARGE & COOLING TOWER BASIN FLOOR PLAN

SLAB S-11 - 8" THICK WITH 6x6-6/6 WIRE MESH.
SLAB S-10 - 6" THICK WITH #5 @ 15" O.C. TOP & BOTTOM.
#4 @ 12" O.C. TEMP. BOTTOM.
#5 @ 18" O.C. TEMP. TOP.

- ALL BEAMS AT ELEVATION 115'-10" (EXCEPT AS NOTED)
- SEE SECTION A-A AND DETAIL 1 FOR U.H.S. BRG. & GIRT DETAILS
- ALL BEAMS FRAMING INTO CONCRETE WALLS TO BE #5 @ 15" O.C. TOP & BOTTOM
- ALL BEAMS FRAMING INTO CONCRETE WALLS TO BE #5 @ 15" O.C. TOP & BOTTOM
- PROVIDE TWO #4 x 4'-0" LONG BARS IN TOP OF WALL AROUND EACH OPENING

DESIGN LIVE LOADS: SECONDARY OP. FLOOR - 200 #/SQ.FT. + EQUIPMENT LOAD
ASH DISCHARGE FLOOR - 150 #/SQ.FT. + EQUIPMENT LOAD
COOLING TOWER BASIN - 240 #/SQ.FT.

LINTEL DETAIL
SCALE 1/2" = 1'-0"

SECTION 1-1 SUMP PIT

1/2 ELEVATION OF TROUGH (1 OF 6)
SCALE: 1/2" = 1'-0"

INTERMEDIATE FRAMING BETWEEN SECONDARY OPERATING FLOOR (ELEV. 116'-0") AND ROOF (ELEV. 144'-9 1/2")

ALL BEAMS FRAMING INTO COLUMNS FROM UNITS 1 & 4 FOR BOTH ARE TO HAVE 3/4x3/4 WELDED ANGLES TO ALLOW TOP & BOTTOM

STORAGE FLOOR 4 TO 5 & A TO B

NOTE - AS COLS. STOP AT ELEV. 138'-0" AND FRAME TO IT. COLS.
DESIGN LIVE LOAD: 75 #/SQ. FT.

X-BRACING : COL. LINE B
X-BRACING : COL. LINE E

STRUCTURAL : SECONDARY OPERATING FLOOR & INTERMEDIATE FRAMING PLAN.

REVISIONS		DEPARTMENT OF PUBLIC WORKS OF CANADA
DATE	RECORD	BUILDING CONSTRUCTION BRANCH
SEPT. 10/61	"AS BUILT"	
		CENTRAL HEATING PLANT,
		RIVERSIDE DRIVE, OTTAWA, ONT.
		W.E.P. 10413-1797 · MDS. AUG./61 · A.U.L. AUG 12/61 · VS. 1/8"=1'-0" & AS NOTED · DWG. NO. S-4
		403
		ARCHITECTS: LITHWICK & LAMBERT, OTTAWA
		CONSULTING ENGINEER: J. KLASSEN, P.ENG., OTTAWA