SECTION SHOWING ENGINE GIRDERS
FRAMES 11-14 P&S

SECTION SHOWING ENGINE GIRDERS
FRAMES 8 & 9 P&S

DETAIL OF SLOT IN ENG. GIRDER W WAY OF H.D. BOLTS

PLAN AT STRINGER
12'-0" ABOVE BASE

PLAN AT TOP OF FLOORS.
FLOOR SPACED 12'

MAIN ENGINE GIRDER AT 6'-0" (P) OFF ℄ P&S
DRAWN FOR PORT SIDE, LOOKING OUTBOARD

MAIN ENGINE GIRDER AT 6'-0" (P) OFF ℄ P&S
DRAWN FOR PORT SIDE, LOOKING INBOARD
SIDE PLATE OMITTED FOR CLEARNESS

GENERATOR GIRDER AT 6'-0" (P) OFF ℄ P&S
DRAWN FOR PORT SIDE, LOOKING OUTBOARD

GENERATOR GIRDER AT 8'-0" (P) OFF ℄ P&S
DRAWN FOR PORT SIDE, LOOKING OUTBOARD

GIRDER 'B'
12'-0" ABOVE FLOOR

ELEVATION AT CENTRELINE
LOOKING TO STARBOARD

ELEVATION AT ZERO FRAME
LOOKING FORWARD

W.T. BULKHEAD AT 8'-0" OFF ℄ TO STBD.
LOOKING INBOARD

W.T. BULKHEAD AT 8'-0" OFF ℄ TO PORT.
LOOKING OUTBOARD

SECTION "A-A"

DETAIL OF SHAPE ON FLOOR PLATE RIDER

SHELL EXPANSION
FRAMES SPACED 24"

PLAN AT RAISED MAIN DECK
DECK PLATING 3/8" MUPPERED

INTERMED. FRAME 5½ (P&S)
DRAWN FOR STBD SIDE, LOOKING FWD

INTERMED. FRAME 6½ (P&S)
DRAWN FOR STBD SIDE, LOOKING FWD

SECTION AT FRAME 6
LOOKING FORWARD

ELEVATION AT No 1 CANT (P&S)
WHEN 2 CANTS ARE ONE IN CONSTRUCTION

SECTION AT FRAME 9
LOOKING FORWARD

ELEVATION AT No 2 CANT (P&S)
WHEN 2 CANTS ARE ONE IN CONSTRUCTION

SECTION AT FRAME 8
LOOKING FORWARD

ELEVATION AT No 3 CANT (P&S)
WHEN 2 CANTS ARE ONE IN CONSTRUCTION

INTERMED. FRAME 6½ (P&S)
DRAWN FOR STBD SIDE, LOOKING FWD

SECTION AT FRAME 4
LOOKING FORWARD

INTERMED. FRAME 5½ (P&S)
DRAWN FOR STBD SIDE, LOOKING FWD

SECTION AT FRAME 3
LOOKING FORWARD

SECTION AT FRAME 5
LOOKING FORWARD

INTERMED. FRAME 7½ (P&S)
DRAWN FOR STBD SIDE, LOOKING FWD

SECTION AT FRAME 11
LOOKING FWD

SECTION AT GENERATOR GIRDER IN WAY OF GEOCOOLER
17'-0" ONE FOOT

SECTION AT FRAME 16
LOOKING FWD

DETAIL AT WILSON STUD
½ SCALE 6"=1'

DETAIL (A)
12½" = ONE FOOT
DETAIL AT BOTTOM OF BHD. & DIAPHRAGM IN CONSTRUCTION

DETAIL (B)
12½" = ONE FOOT
DETAIL AT FRAMES 10 DIAPHRAGM IN CONSTRUCTION

SECTION AT FRAME 10
LOOKING FWD

SECTION AT FRAME 15
LOOKING FWD

SECTION THRU' MAIN ENG. GIRDERS IN WAY OF GEOCOOLER
17'-0" ONE FOOT

SECTION AT FRAME 14
LOOKING FWD

BEAM KNEE.
FRAMES 1, 2, 3, 4, 8, 9, 10, 12, 13, 14, 15, 16, 17.
3½" = ONE FOOT

DETAIL AT FLUSH SCUTTLE
FULL SIZE

FRAME BRACKET.
FRAMES 4, 5, 6, 8, 9, 10, 12, 13, 14, 15, 16, 17.
12½" = ONE FOOT

DETAIL OF SLOT.

FRAME BRACKET.
FRAMES 3, 11, & 18.
12½" = ONE FOOT

DETAIL OF COLLAR.

SECTION AT FRAME 7
LOOKING FWD

SECTION AT FRAME 13
LOOKING FWD

SECTION AT FRAME 17
LOOKING FWD

WELDING —
FLUSH & BEVELLED FRAMES TO SHELL
STRINGER TO SHELL
CANT FRAMES TO SHELL
BEAMS TO SHELL
" " TO GIRDERS
FLOORS TO GIRDER GIRDERS
FLOORS TO GIRDERS
ENGINE GIRDERS TO SHELL
GENERATOR GIRDERS TO SHELL
" " " " (WT.)
GIRDER GIRDERS TO KEEL
FACE PLAT TO GIRDERS Engine Girders
" " " " Gen. Girders
" " " " Girder Girders
FACE PLAT TO FLOORS
" " " " "
BRACKETS OF WT. BHD.
FLOORS TO SHELL
GIRDERS TO SHELL
HALF BEAM TO SHELL
PLATFORMS TO HALF BEAM & GIRDERS
LONGITUDINAL TOP PLATES (WT.)
" " SIDE PLATES (WT.)
BEAMS TO SHELL & GIRDERS
FRAME BRACKETS TO SHELL & FRAMES
FRAMES TO WATER BHDS.
STIFFENERS TO WATER BHDS.
GIRDER END BUTTS.
BEAMS KNEES.
FRAME BUTTS.

	SCHEDULE SHOWING STANDARD SIZES OF WELDS	
	1/4"	
	5/16"	
	3/8"	
	7/16"	
	1/2"	
	9/16"	
	5/8"	
	11/16"	
	3/4"	
	13/16"	
	7/8"	
	15/16"	
	1"	
	1 1/16"	
	1 1/8"	
	1 3/16"	
	1 1/4"	
	1 5/16"	
	1 3/8"	
	1 7/16"	
	1 1/2"	

NOTES —
ALL EXTERIOR UNDERWATER SHELL PLATES TO BE GROUND FLUSH CLOSEWELDS TO BE SHIPPED BEVELLED WITH ½" x 45° ANGLE.

APPROVED
SEP 13 1967
LLOYD'S REGISTER of SHIPPING MONTREAL

MONTREAL COPY

PORT WELLER DRY DOCKS
ST. CATHARINES, ONTARIO
OFFICE

NO.	REVISIONS	DATE

APPROVALS

PORT WELLER DRY DOCKS LTD.
ST. CATHARINES, ONTARIO

"UNIT III" 1000 - FEET O.A.
(ENGINE ROOM)

ACCOUNT No.	
SCALE 1/4" = ONE FOOT	CHECKED BY
DRAWN BY W. BROOKS	APPROVED BY
COMPLETED	
HULL No. 47.	PLAN No. 47-14-6

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