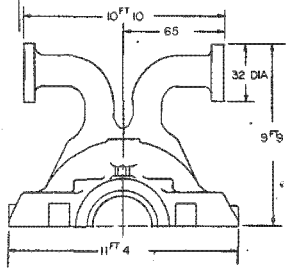
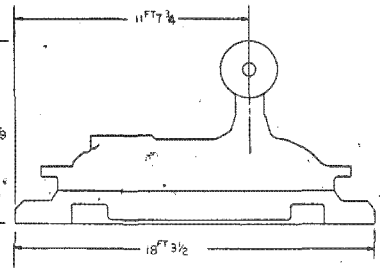
GENERAL ELECTRIC

MAJOR TURBINE COMPONENTS
CRANE CLEARANCE AND LAYDOWN SPACE I

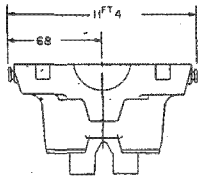
MPL ITEM A05

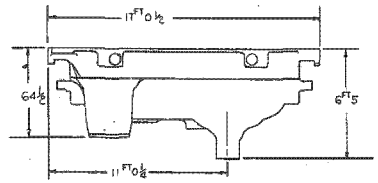
PRELIMINARY
INTERMOUNTAIN POWER AGENCY
INTERMOUNTAIN POWER PROJECT STATION #1
820,000 KW TB 270T150
CODE-S2



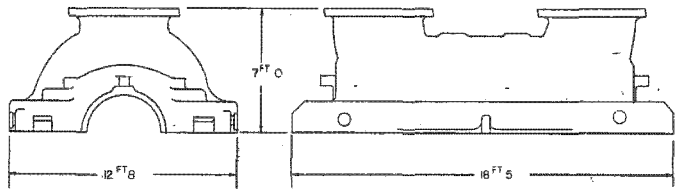


H.P. OUTER SHELL-UPPER SEE NOTE #3

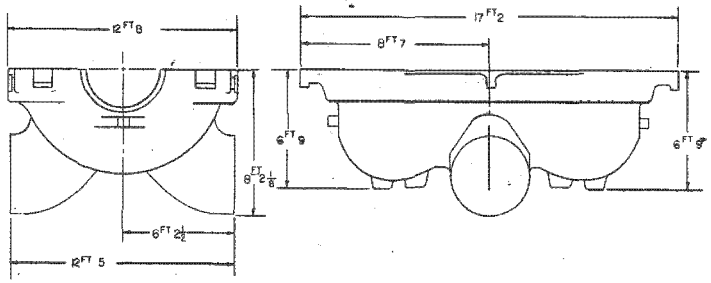




H.P. OUTER SHELL - LOWER



REHEAT OUTER SHELL-UPPER SEE NOTE #3



REHEAT OUTER SHELL-LOWER

REFER TO NOTES 1&7 1

PART	COLUMN #1 SHIPPING WEIGHT	COLUMN #2 LIFTING AND STATION DESIGN WEIGHT	QTY.
H.P. OUTER SHELL-U	120,000	144,000	1
H.P. OUTER SHELL-L	95,000	114,000	1
#1 H.P. INR. SHELL-U	40,000	48,000	1
#1 H.P. INR. SHELL-L	47,000	57,000	1
RHT. OUTER SHELL-U	140,000	168,000	1
RHT. OUTER SHELL-L	101,000	122,000	1
#1 RHT. INR. SHELL-U	8,000	10,000	2
#1 RHT. INR. SHELL-L	9,000	10,000	2
#2 RHT. INR. SHELL-U	7,000	9,000	2
#2 RHT. INR. SHELL-L	7,000	9,000	2
L.P. HOOD END-U	24,000	29,000	6
L.P. HOOD TB END-L	101,000	122,000	3
L.P. HOOD GEN END-L	99,000	119,000	3
L.P. INR. CSG.-U	60,000	72,000	3
L.P. INR. CSG.-L	63,000	76,000	3
H.P. ROTOR	34,000	38,000	1
RHT. ROTOR	50,000	53,000	1
L.P. "A" ROTOR	88,000	94,000	1
L.P. "B" ROTOR	88,000	94,000	1
L.P. "C" ROTOR	88,000	94,000	1
CROSSOVER PIPE RHT.	88,000	106,000	1
CROSSOVER PIPE "A"	20,000	24,000	1
CROSSOVER PIPE "B"	54,000	65,000	1
CROSSOVER PIPE "C"	28,000	34,000	1

NOTE 1. THE LIFTING & STATION DESIGN WEIGHT IS THE ASSEMBLED WEIGHT MULTIPLIED BY A SAFETY FACTOR. THESE ARE THE WEIGHTS TO USE FOR DESIGN OF CRANE & STATION. THE SHIPPING WEIGHT IS TAKEN FROM THE WEIGHTS & CENTER OF GRAVITY DRAWING. THIS DRAWING IS SUPPLIED IN THE INSTRUCTION BOOK AT THE TIME OF SHIPMENT.

NOTE 2. THE PURPOSE OF THIS DRAWING IS TO PROVIDE GENERAL ELECTRIC'S TRAFFIC AND SHIPPING DEPARTMENT WITH THE NECESSARY INFORMATION. TO SHIP THE MAJOR TURBINE COMPONENTS TO THE NEAREST (TO JOB SITE) RAIL SIDING. IT IS ALSO INTENDED TO AID THE PURCHASER IN PLANNING STATION LAYDOWN SPACE BEFORE AND AFTER CONSTRUCTION AND CRANE REQUIREMENTS. FOR ADDITIONAL CRANE REQUIREMENTS SEE MECHANICAL OUTLINE NOTES.

NOTE 3. THESE COMPONENTS WILL REQUIRE TURBINE ROOM LAYDOWN SPACE.

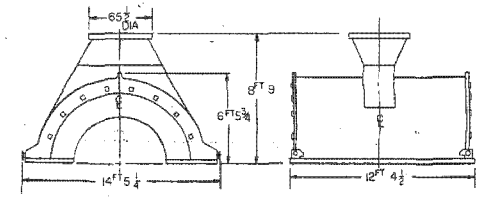
NOTE 4. SPACE MUST BE PROVIDED FOR LAYING DOWN DIAPHRAGMS.

	LARGEST DIA.	NO.	SHIPPING WT.	LIFTING & STATION DESIGN WT.
H.P.	62	6	22,000	24,000
RHT	70	14	17,000	19,000
L.P.	10FT 8	12/HOOD	64,000/HOOD	70,000/HOOD

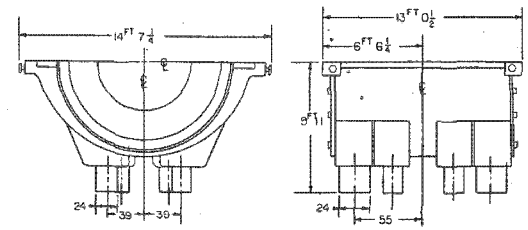
NOTE 5. L.P. HOOD - UPPER MAY BE LIFTED ASSEMBLED.

NOTE 6. WHEN DESIGNING FOR "CRANE CAPACITY AND LAYDOWN SPACE" ALLOWANCE SHOULD BE MADE FOR TURBINE ROTOR LIFTING BEAM. THE BEAM IS 23' LONG BY 35" WIDE AND WEIGHS 5,000 LBS. THE COMBINED WEIGHT OF THE LIFTING BEAM AND ITEM WEIGHT FROM COLUMN 2 MUST BE USED WHEN DESIGNING FOR CRANE CAPACITY FOR ROTORS.

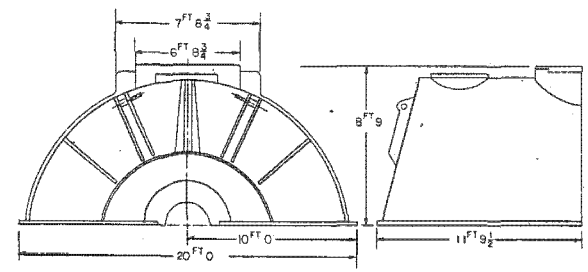
NOTE 7. H.P. & RHT OUTER SHELL-U WEIGHTS INCLUDE WEIGHT OF NUTS AND BOLTS.



INNER CASING-UPPER A,B,&C SEE NOTE #3



INNER CASING LOWER A,B,&C.



L.P. HOOD UPPER END TB/GEN-A,B,&C SEE NOTE #3

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REVISIONS	DRAWN BY
	TBCan 73-81

DRAWN	Changed 1981	TJB	L.S.T. SCHENECTADY	923E820
	Aug 31, 1981			

TB-04

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