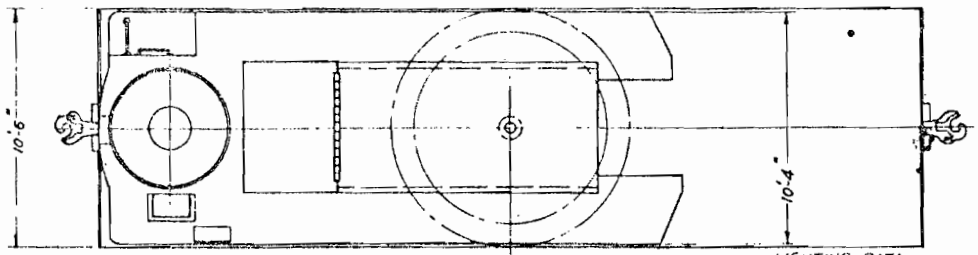
WHERE USED
LOCOMOTIVE CRANE D-100 TO D-102

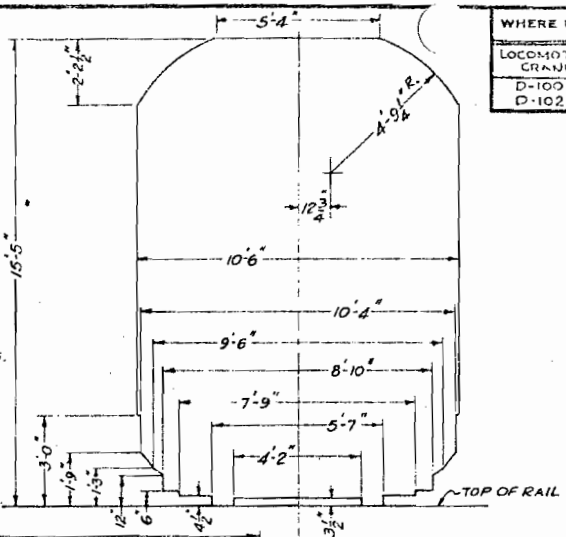
CAPACITIES

FREE MAIN HOIST RADIUS FT.	CAP LBS.	OUTRIGGER RADIUS FT.	CAP LBS.
17'-6"	80,000	16'-0"	460,000
21'-0"	60,000	21'-0"	320,000
25'-0"	46,000	25'-0"	250,000
32'-0"	30,000	32'-0"	150,000
AUXILIARY HOIST		AUXILIARY HOIST	
25'-0"	53,000	30'-0"	120,000
35'-0"	31,500	40'-0"	100,000
45'-0"	21,000	45'-0"	90,000

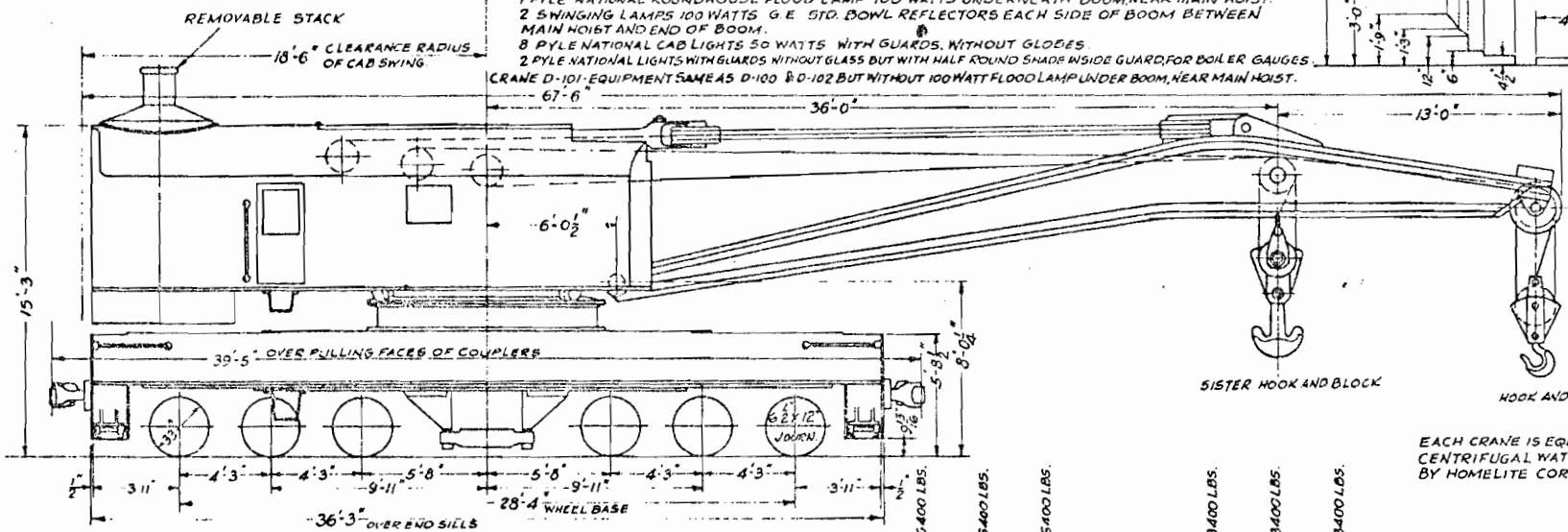


LIGHTING DATA

CRANES D-100 AND D-102 ARE EQUIPPED WITH PYLE NATIONAL TYPE 'E' TURBO-GENERATOR 1500 WATTS 32 VOLTS.
1 PYLE NATIONAL BACK UP LAMP 100 WATTS ON MIDDLE OF DOOR, REAR OF CAB.
1 PYLE NATIONAL ROUNDHOUSE FLOOD LAMP 100 WATTS ON TOP OF CAB, FRONT, RIGHT HAND SIDE.
1 PYLE NATIONAL ROUNDHOUSE FLOOD LAMP 250 WATTS BOTTOM OF BOOM, CAB END
1 PYLE NATIONAL ROUNDHOUSE FLOOD LAMP 250 WATTS INSIDE BOOM, NEAR MAIN HOIST.
1 PYLE NATIONAL ROUNDHOUSE FLOOD LAMP 100 WATTS UNDERNEATH BOOM, NEAR MAIN HOIST.
2 SWINGING LAMPS 100 WATTS G.E. STD. BOWL REFLECTORS EACH SIDE OF BOOM BETWEEN MAIN HOIST AND END OF BOOM.
8 PYLE NATIONAL CAB LIGHTS 50 WATTS WITH GUARDS, WITHOUT GLOBES.
2 PYLE NATIONAL LIGHTS WITH GUARDS WITHOUT GLASS BUT WITH HALF ROUND SHADE INSIDE GUARD FOR BOILER GAUGES.
CRANE D-101 EQUIPMENT SAME AS D-100 & D-102 BUT WITHOUT 100 WATT FLOOD LAMP UNDER BOOM, NEAR MAIN HOIST.



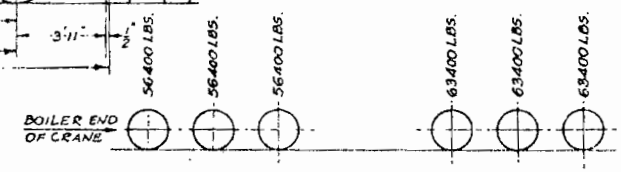
LIMITING CLEARANCE OUTLINE.



SISTER HOOK AND BLOCK

HOOK AND BLOCK

EACH CRANE IS EQUIPPED WITH 3" SELF PRIMING CENTRIFUGAL WATER PUMP GASOLINE DRIVEN MODEL-H BY HOMELITE CORPORATION.



GENERAL DATA

STEAM ENGINE 12"x18".
RATED HORSEPOWER OF STEAM ENGINE - 345 BHP @ 300 R.P.M.
BOILER - 65" A.S.M.E. VERTICAL TUBE - PRESSURE 170 LBS.
CAPACITY OF WATER TANK 515 GALLONS
WEIGHT WITHOUT WATER, COAL OR SCRAP COUNTERWEIGHT 365207 LBS.
SCRAP COUNTERWEIGHT IN CAR BODY 7000 LBS.
WEIGHT OF WATER 4293 LBS
WEIGHT OF COAL 2500 LBS
WEIGHT - FULL WORKING ORDER 379000 LBS
COUPLERS - 6 1/16"x8" TYPE 'E' ROTARY OPERATED.
TRUCKS - 6½"x12" - GENERAL STEEL CASTINGS CORPORATION - CLASP BRAKES.
TRAVEL SPEED 2.8 M.P.H. - SELF PROPELLED.
TRAVEL CONTROL - FRISBIE TYPE FRICTION CLUTCH.
DRAW BAR PULL - STRAIGHT LEVEL TRACK - STARTING - 32,000 LBS.
DRAW BAR PULL - AT 2 M.P.H. 20000 LBS
MINIMUM RADIUS CURVE RECOMMENDED 125'-0"
MAIN CENTER OUTRIGGERS AIR OPERATED - INSIDE, CENTER AND END OUTRIGGERS MANUALLY OPERATED.

DR	TR	CK	IN
[illegible]	[illegible]	[illegible]	

IN	CK	BY	WHY REISSUED	DATE	LETTER

N. Y., N. H. & H. R. R.

NEW HAVEN NOVEMBER 27, 1944

DIAGRAM
STEAM LOCOMOTIVE CRANE
230 TON CAPACITY

CORRECT G. L. Goebel ASST. M.E.

APPROVED L. K. Sillcox C.M.E.

25077

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