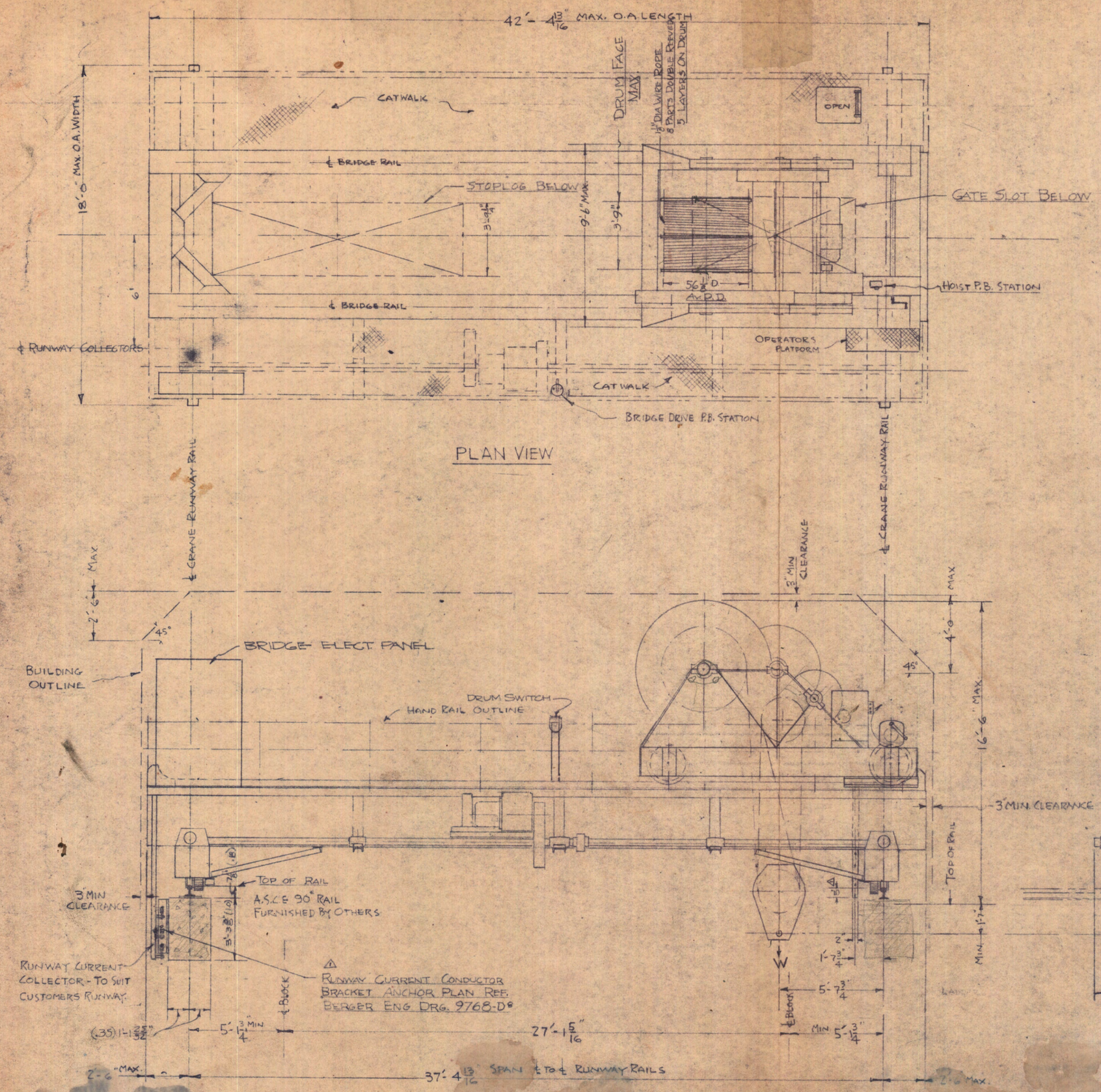


WHEEL LOADS:

P = 103 KIP MAX. WHEEL LOAD WITH 150K HOIST LOAD BRIDGE STATIC

P = 60 KIP MAX. WHEEL LOAD WITH 50K HOIST LOAD BRIDGE MOBILE

NOTE: ABOVE BASED ON LOAD & TROLLEY IN POSITION SHOWN

SPEEDS & CAPACITIES

HOIST:

RATED CAPACITY "W"	= 150,000#
REACH OR LIFT	= 285 FT.
HOISTING SPEED	= 3.5 FPM ±

TROLLEY:

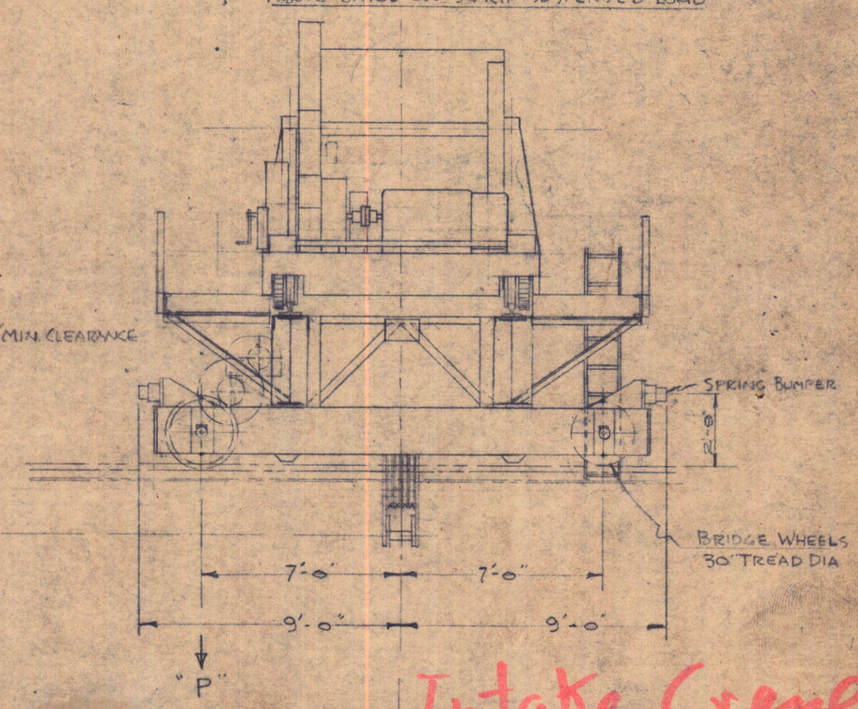
TRAVEL DISTANCE	= 27 FT ±
TRAVEL SPEED	MANUAL APROX 5 FPM

ABOVE BASED ON NO SUSPENDED LOAD ON BLOCK

BRIDGE:

SPAN	= 37'-4 13/16" ℄ RAIL TO RAIL
TRAVEL DISTANCE	= 41'-3" OR TO SUIT RUNWAY
TRAVEL SPEED	= 30 FPM ±

ABOVE BASED ON 50 KIP SUSPENDED LOAD



8-24-51 ALT △ LADDER PROJ. ALT. FROM 1'-0" TO 5" PER MK LETTER AUG 2 51
8-24-51 ALT △ ADDED NOTE REF TO CONDUCTOR BRACKET
8-24-51 ALT △ ADDED RUNWAY CROSS SECTION
8-24-51 ALT △ ADDED DRUM DIMENSIONS & SLOT OUTLINES

ALT. 1

Intake Crane

BERGER ENGINEERING WORKS, INC.

DRAWING NO. FILE	SEATTLE	DRAWN BY J. ALBERTI
9698 D 20	SCALE	CHECKED
		DATE 8-17-51

75 TON CRANE FOR KAJAKAI DAM INTAKE TUNNEL

GENERAL ARRANGEMENT & CLEARANCE DRAWING