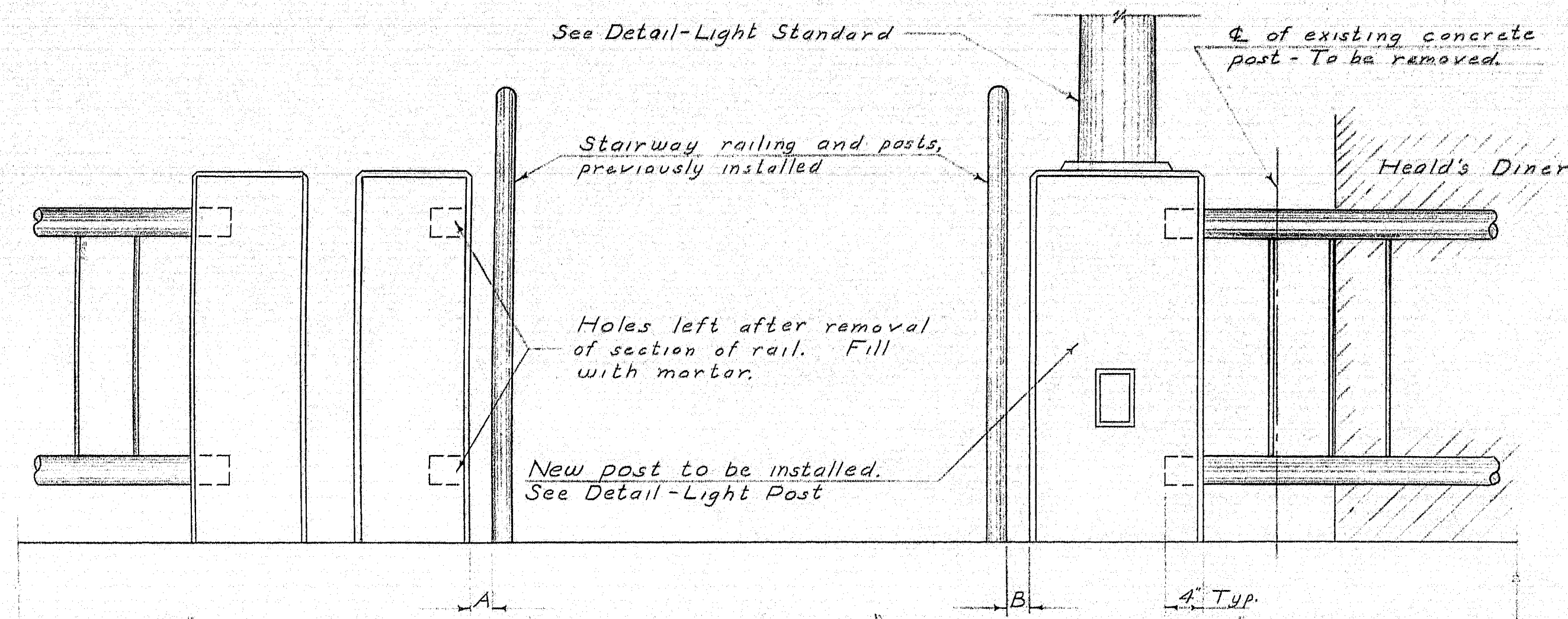
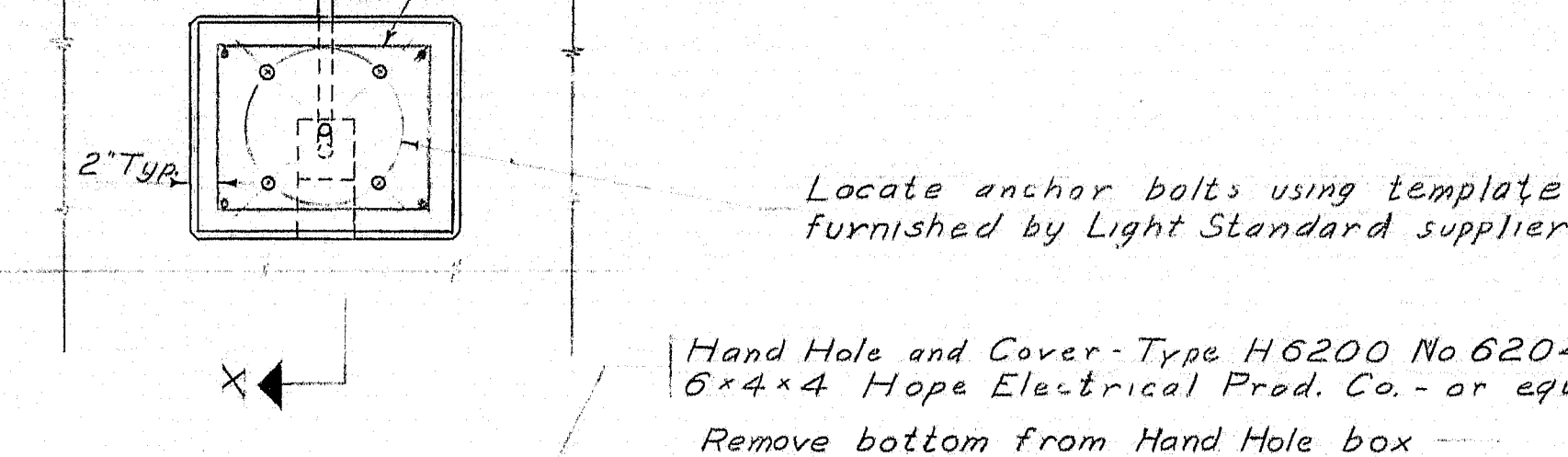
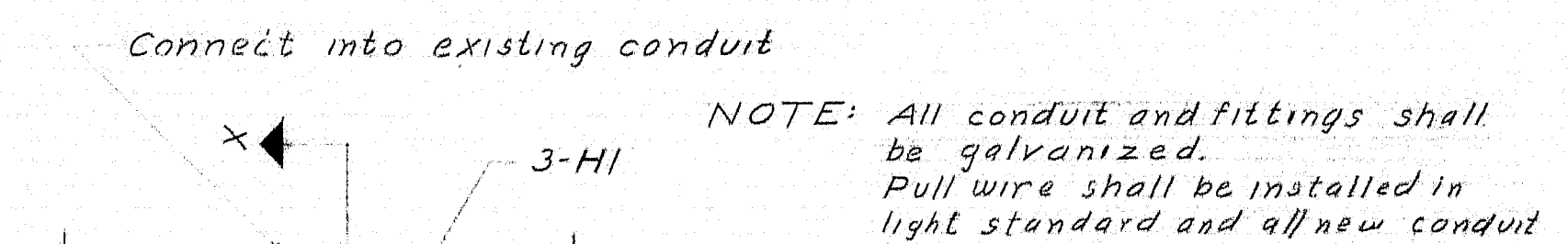




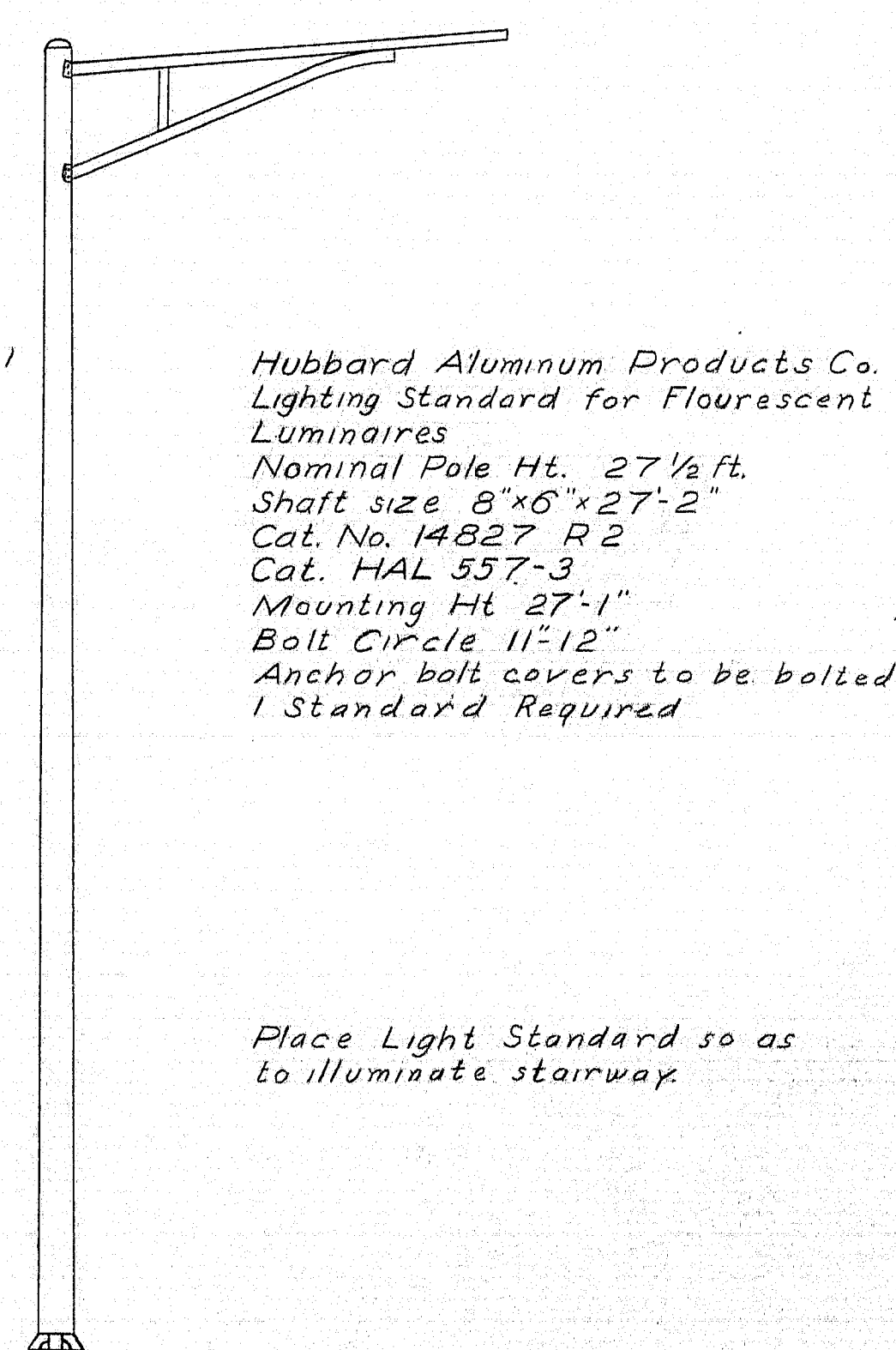
NOTE: Dimensions "A" and "B" are to be identical. "A" can be measured on the job, and the light post located so as to make "B" the same.

PLAN

NOTE: Extend existing rail into concrete light post using a portion of removed section. Weld onto existing rail.

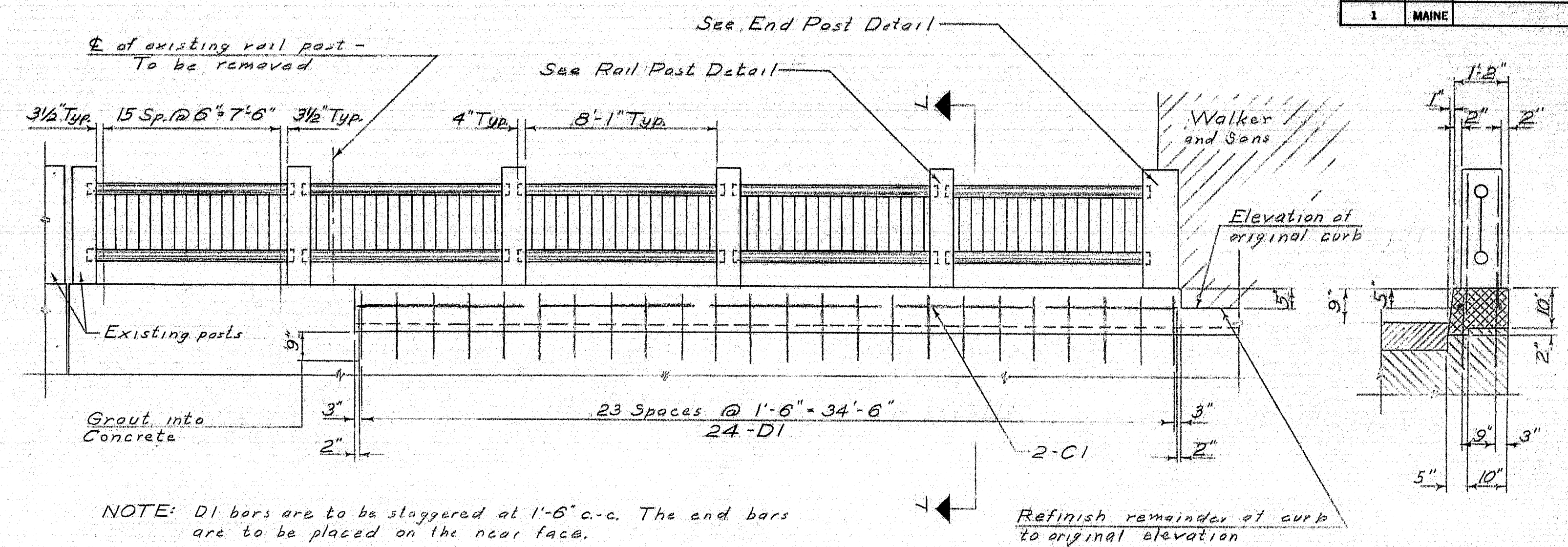


DETAIL - LIGHT POST



DETAIL - LIGHT STANDARD

Place Light Standard so as to illuminate stairway.

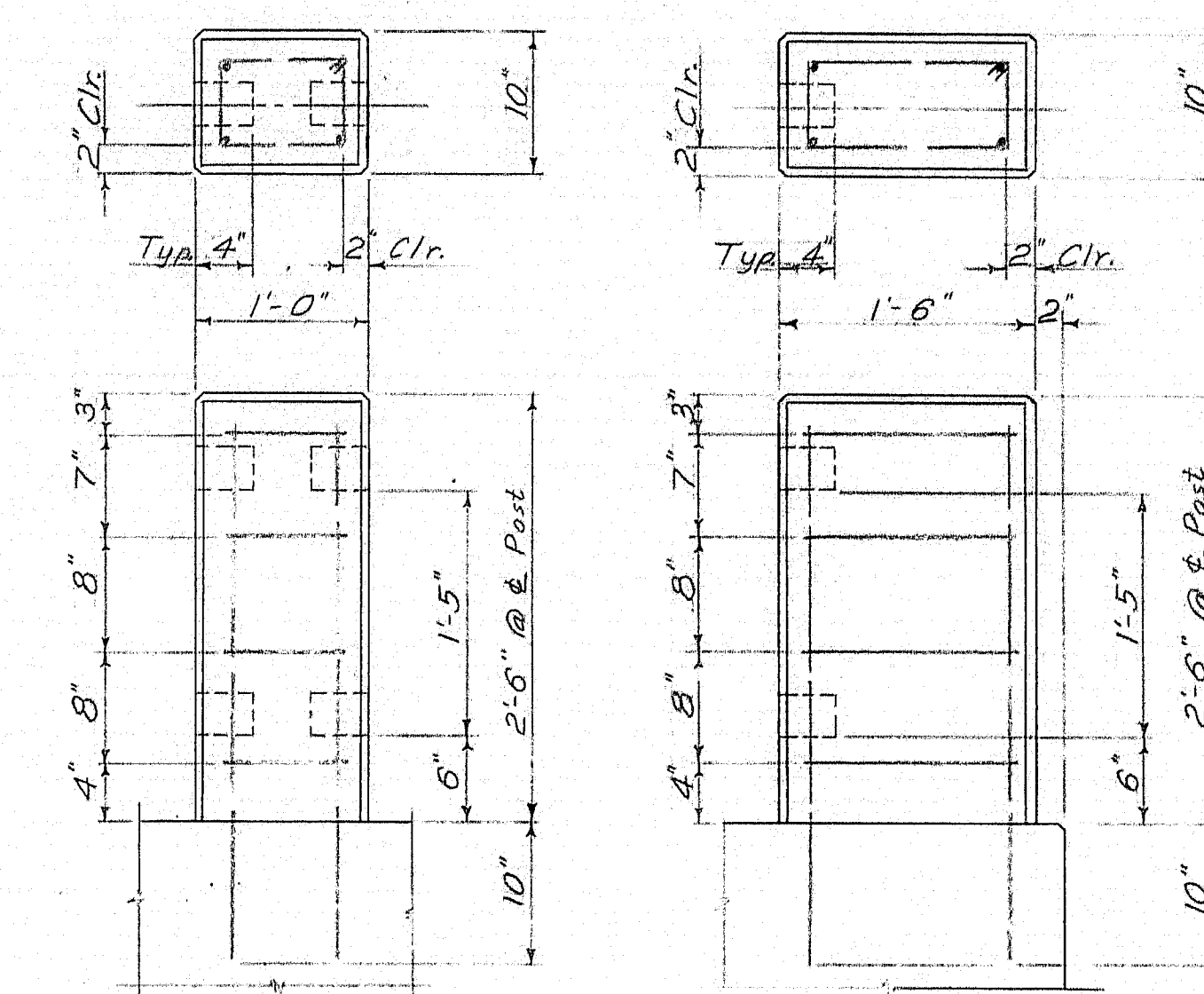


PLAN VIEW

NOTE: Cut last existing rail section to required length as shown.

RAIL NOTES

Rails to be 3" extra strong pipe. Pales to be 1/2" extra strong pipe. All pipe shall be suitable for roadway and sidewalk rails. Drill 7/8" holes in 3" pipe so that 1/2" pales will extend into it. Pales are to be welded into 3" pipe, top and bottom. All exposed joints are to be finished by grinding or filing to give a neat appearing job. All welding shall conform to the current Specifications for Welded Highway and Railway, Design, Construction and Repair of the American Welding Society. Rail panels shall be given one shop coat of paint in accordance with the Standard Specifications of the Maine State Highway Commission, Revision of June, 1965. Top of posts level. All posts and pales to be plumb. Wrap ends of rail with 2 layers heavy roofing paper.



DETAIL - RAIL POST

DETAIL - END POST

REINFORCING STEEL SCHEDULE

MARK	SIZE	NO.	LENGTH	LOCATION
BENT BARS				
H1	3	3	4'-6"	Light Post
H2	3	4	3'-8"	End Post
H3	3	16	2'-8"	Rail Posts
STRAIGHT BARS				
C1	3	2	34'-8"	U.S. Curb
D1	6	24	1'-7"	U.S. Curb
P1	6	4	4'-4"	Light Post
P2	6	20	3'-2"	U.S. Posts

Note: Reinforcing Steel to be of intermediate grade. Dimensions are to center of bars.

MATERIALS SCHEDULE

QUANTITY	DESCRIPTION	LOCATION
2 1/2 cu. yd.	Structural Concrete	Curb + Posts
231 lb.	Reinforcing Steel	Curb + Posts
35 ft.	Rail Paneling	U.S. Rail
4	Anchor Bolts	Light Post
1	Hand Hole Box	Light Post
4 ft.	Electrical Conduit	Light Post
2	90° Conduit Elbows	Light Post
1	Conduit T-joint	Light Post
1	Light Standard	Light Post
60 cu. m.	Mortar	D.S. Rail Post

GENERAL NOTES

Chamfer all exposed concrete edges 1/2".
Abbreviations:
Sp. - Spaces U.S. - Upstream
D.S. - Downstream

DESIGN - G.H.G. TRACE - G.H.G. CHECK -	BRIDGE NO. 2101 SURVEY - PLOT -
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
BRIDGE STREET BRIDGE	
OVER	
COBBOSSECONTEE STR.	
IN THE CITY OF	
GARDINER	
KENNEBEC COUNTY	
SHEET 1 OF 1 AUGUSTA, MAINE AUG. 1965	

104-78

