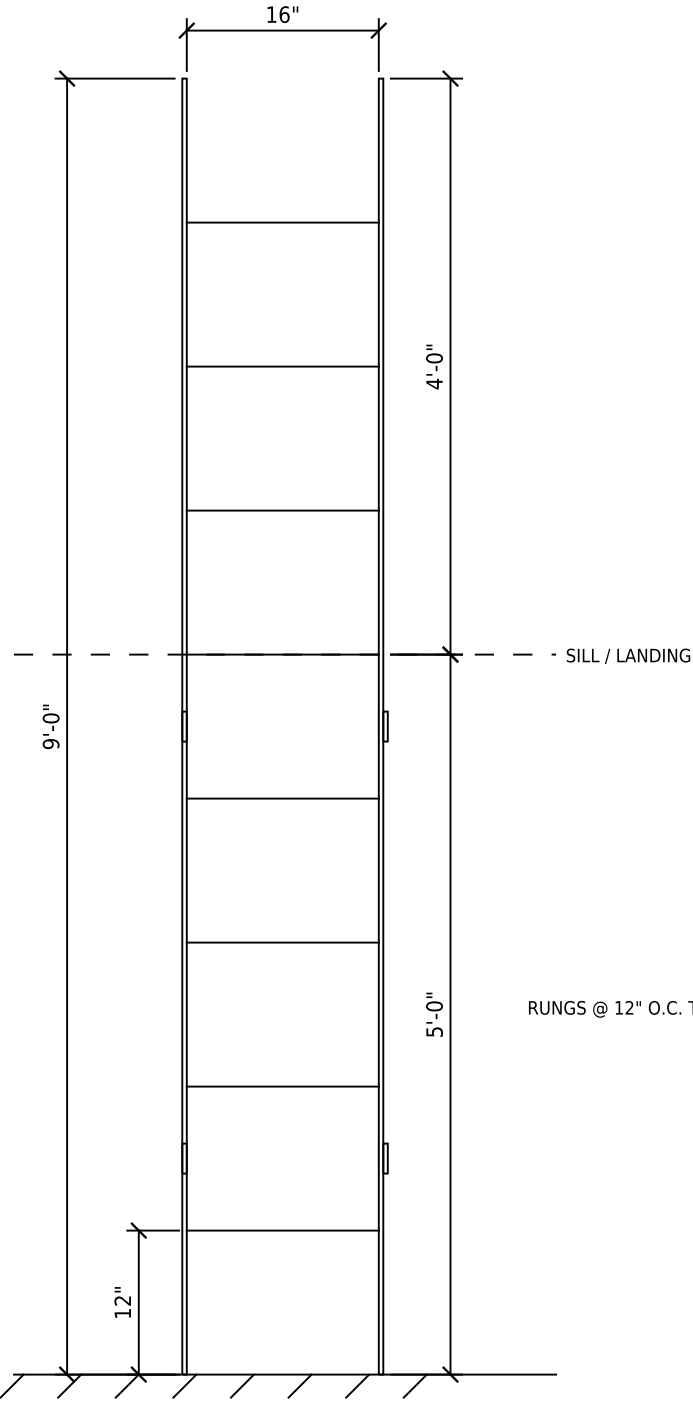
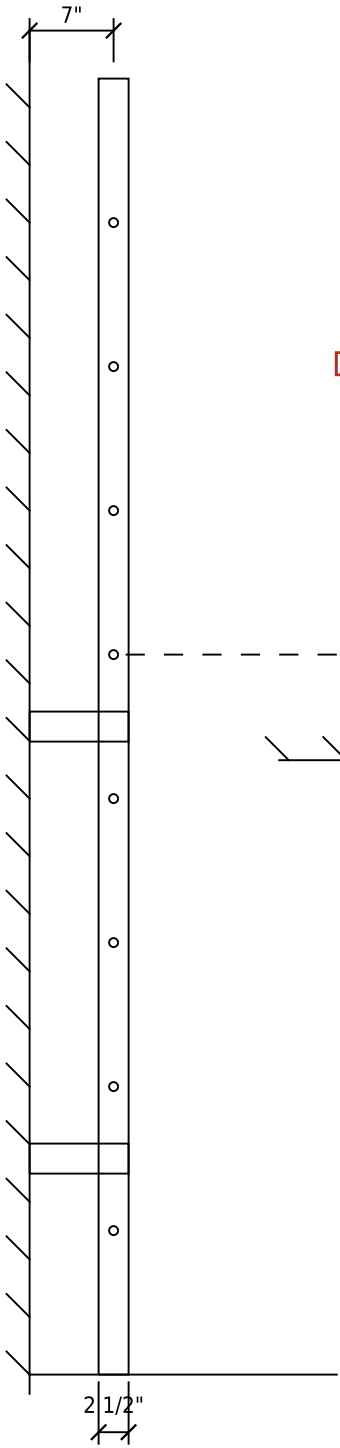


FOR REVIEW — NOT FOR FABRICATION UNTIL CHECKED AND APPROVED



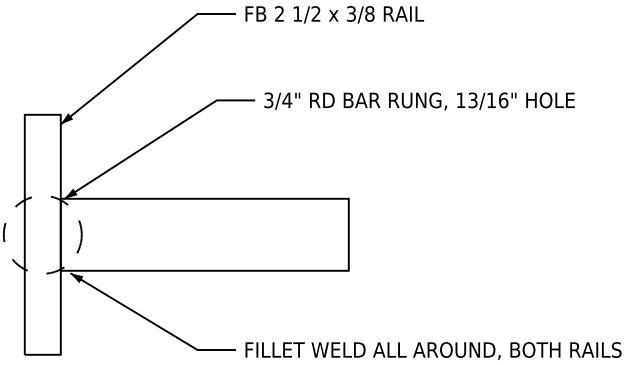
FRONT ELEVATION

SCALE 1" = 1'-4"



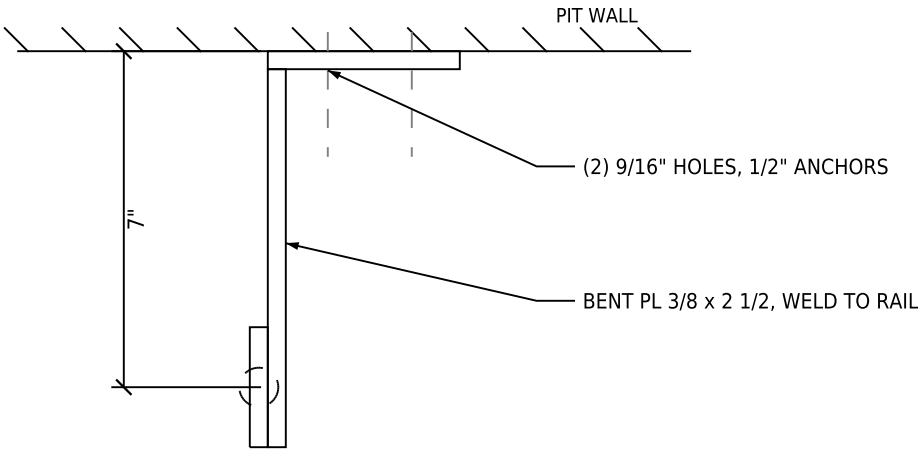
SIDE ELEVATION

SCALE 1" = 1'-4"



DETAIL A - RUNG AT RAIL

SCALE 1" = 2"



DETAIL B - WALL BRACKET (PLAN)

SCALE 1" = 4"

BILL OF MATERIALS

MK	QTY	DESCRIPTION	MATERIAL	LENGTH	WT LB
a	2	FB 2 1/2 x 3/8 SIDE RAIL	A36	9'-0"	57.4
b	8	3/4 DIA RD BAR RUNG	A36	16 3/4"	16.8
c	4	BENT PL 3/8 x 2 1/2 BRACKET	A36	11 7/8"	12.6
d	2	PL 3/8 x 4 x 4 FOOT PLATE	A36		3.4
TOTAL WEIGHT (bare steel)					90.2

GENERAL NOTES

1. Designed to ASME A17.1 2.2.4.2 pit ladder geometry: noncombustible; clear width 16" (16" min); rails extend 4'-0" above sill (48" min); 7" from rung centerline to wall (4 1/2" min, OSHA 7" provided); rungs 12" o.c. Verify against the edition adopted by the AHJ.
2. Locate within 39" horizontally of the pit access door, on the latch side unless noted. Pits deeper than 120" below the sill require a pit access door instead (verify).
3. Rails and rungs ASTM A36. Mill test reports required; heat # traceable per QP-03.
4. Welding per AWS D1.1, E70XX, by qualified welders to posted WPS. Grind rung ends smooth.
5. Finish: Hot-dip galvanized, ASTM A123. Provide vent/drain as required by galvanizer.
6. Wall brackets at 18", 4'-6" above pit floor; adjust in field to clear door frame and embeds. Anchors by installer: 1/2" wedge anchors, 2 1/2" min embed into concrete.
7. Verify pit depth, sill height and wall conditions in field before fabrication.

STRUCTURED STEEL

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ELEVATOR PIT LADDER – 5'-0" PIT, 16" CLEAR

DWG NO	SS-STD-LAD-PIT	REV	0
JOB	STANDARD	MARK	LAD
SCALE	AS NOTED	DATE	10/03/2026
DRAWN	AUTO (parametric v1)	CHECKED	