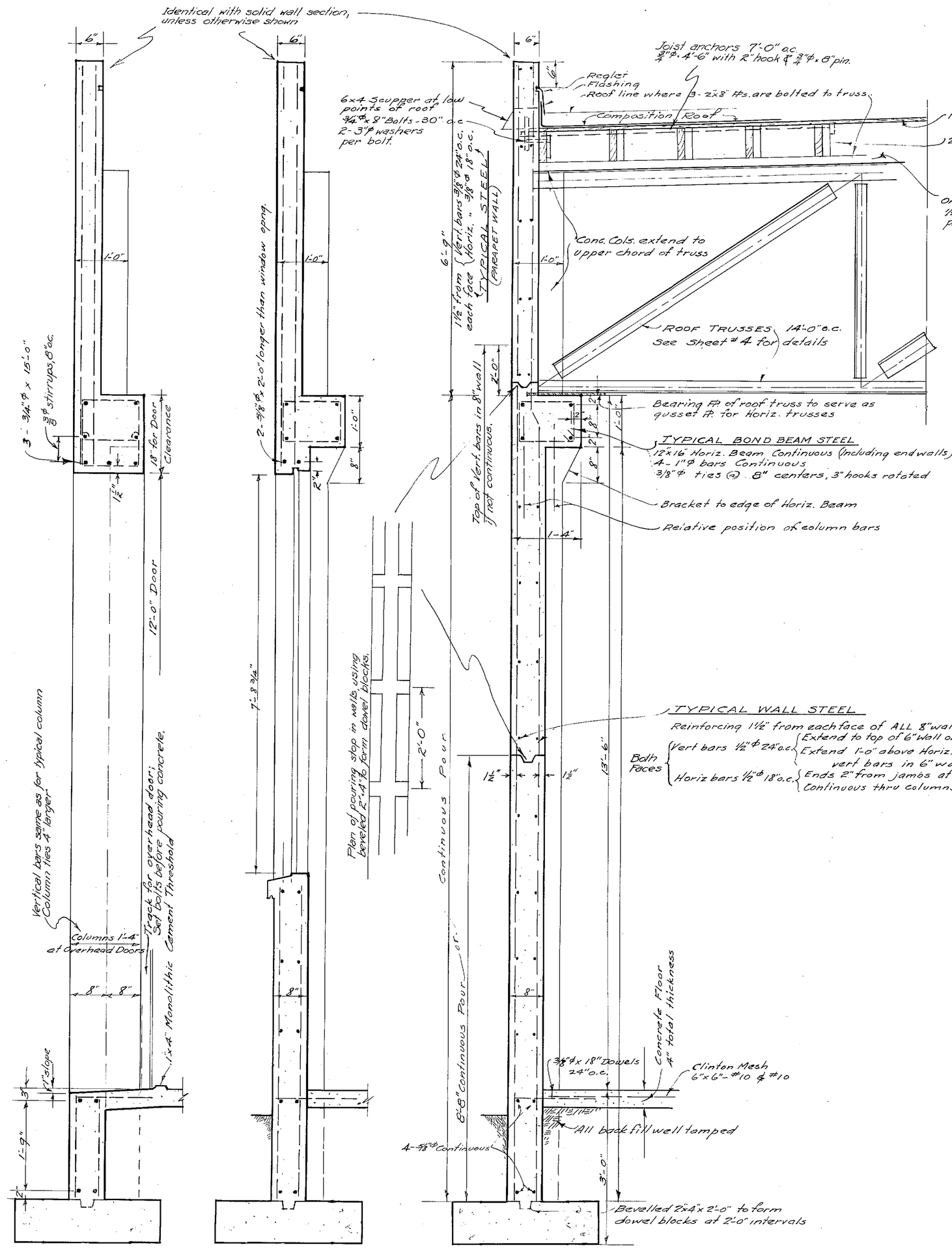

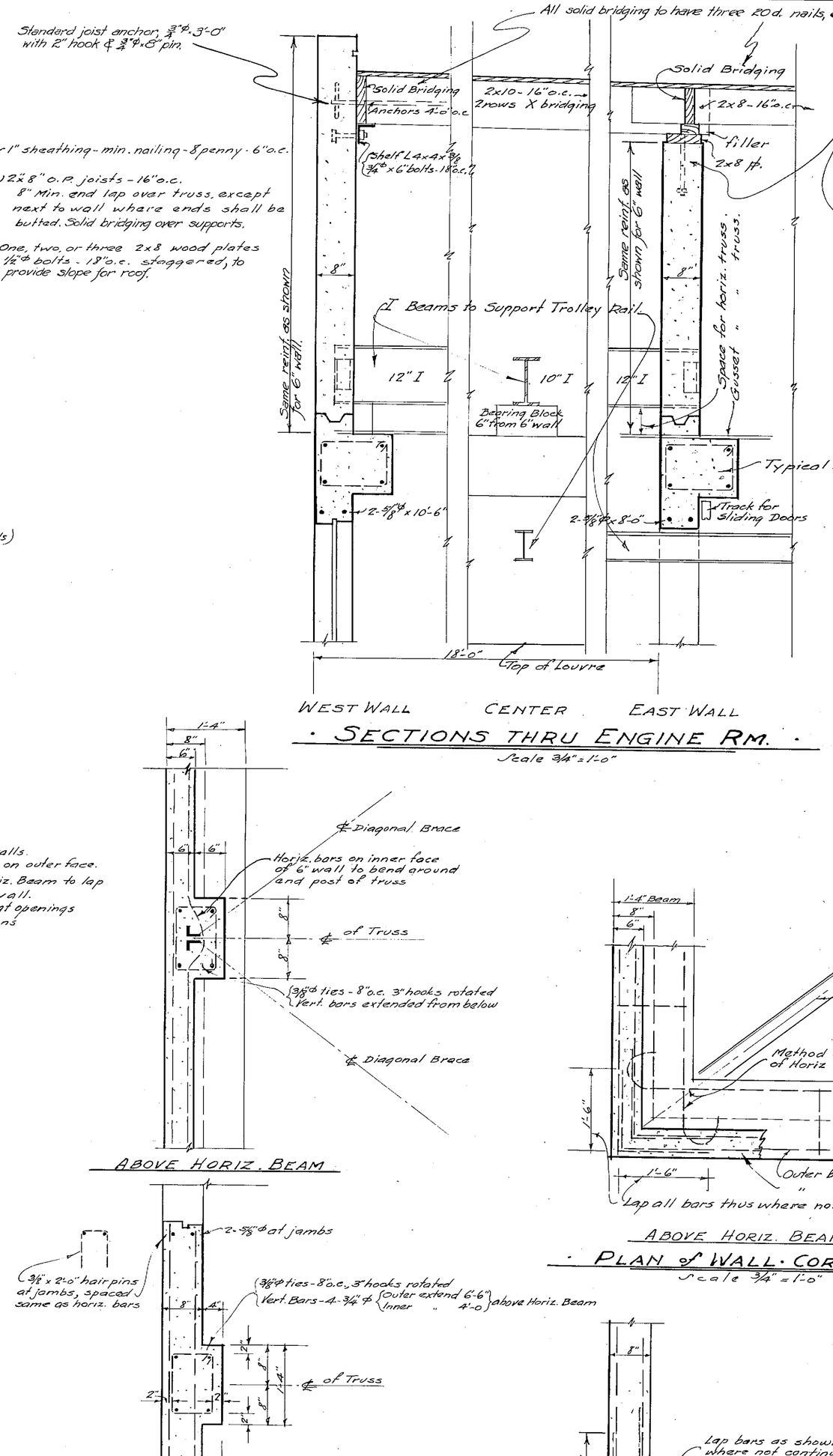

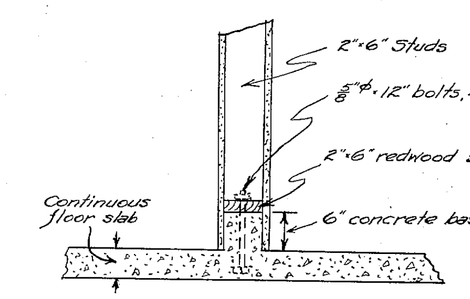

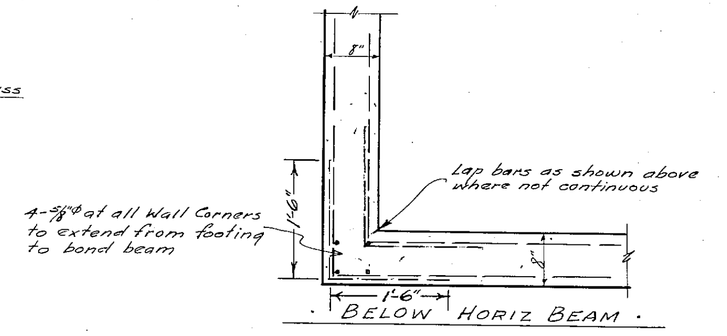

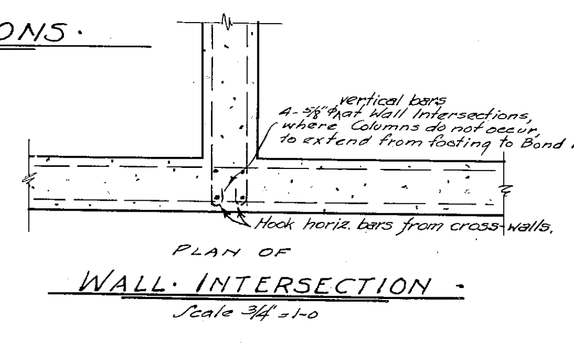

For detail of footings see Sheet 1

· DOOR · · WINDOW · · SOLID ·

· TYPICAL · WALL · SECTIONS ·

Scale 3/4" = 1'-0"

· TYPICAL · COLUMN · SECTIONS ·

Scale 3/4" = 1'-0"

· DESIGN LOADS ·

Live Load on Roof - 30 #/s'.
Wind Load on Walls - 20 #/s'.
6" Wall as horiz. beam between Cols.
8" Wall as vert. beam from floor to bond beam
Horiz. beam spans 14'-0 for wind load.
" " " 28'-0 " seismic load
Seismic factor = 1/10

CONCRETE DESIGN DATA

Ultimate strength of concrete assumed at 2000 #/s' in 28 days.

Reinforcing to be deformed bars of structural grade.

All bars to lap 40 diameters unless otherwise noted.

Hooks on reinforcing bars to be bent around pin diameter of 8 times bar size.

Gusset plates of horizontal truss to be embedded and carefully leveled when concrete is poured.

AERONAUTICS BUILDING
CHAFFEY JUNIOR COLLEGE
ONTARIO, CALIF.

SCALES AS SHOWN — JANUARY 1934. FEB. 5, 1934.

Design & Approval
David H. Merrill Reg. Structural Engr.

136 C.H. Kumm per FAJ

SHEET NO. 3