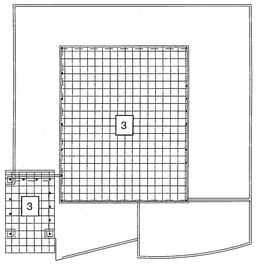
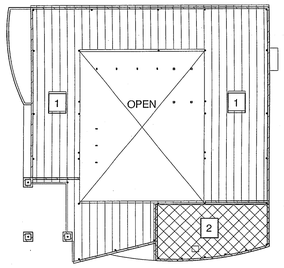
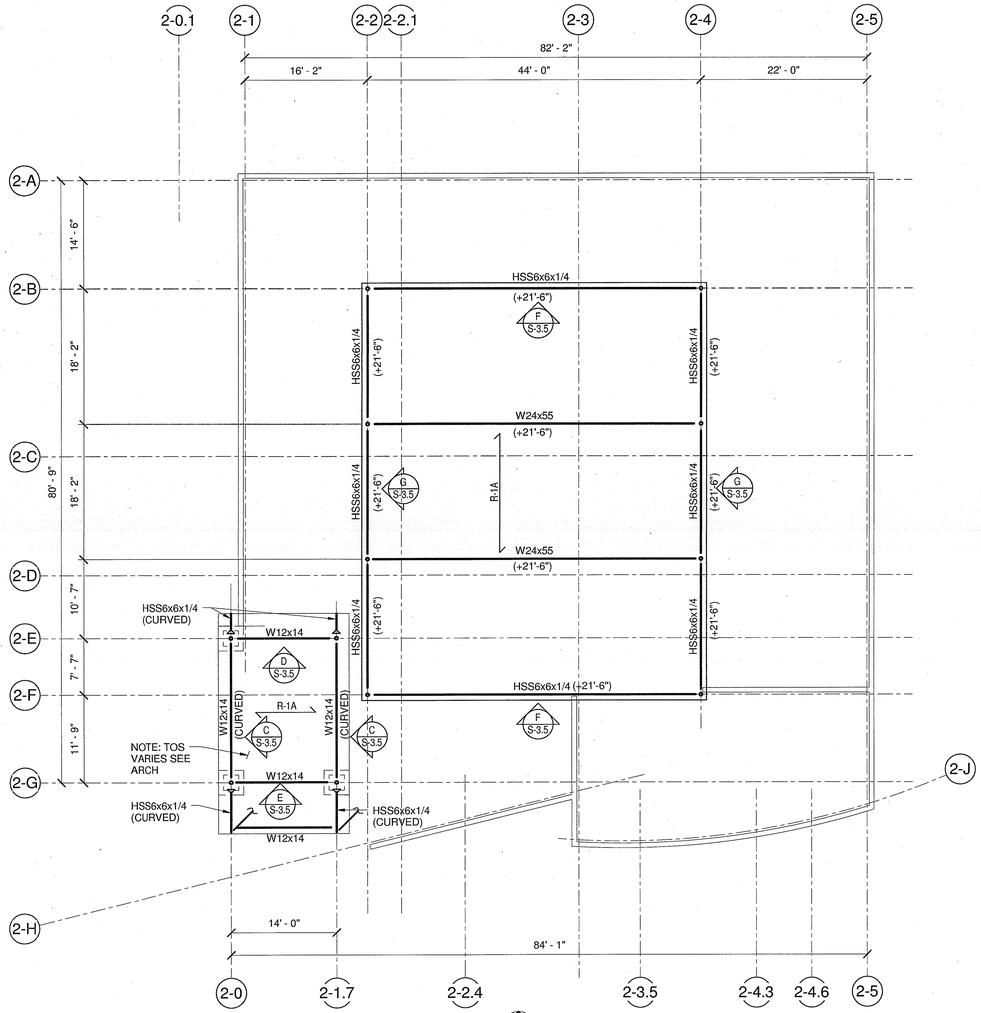


LOADING KEY PLAN - HIGH ROOF

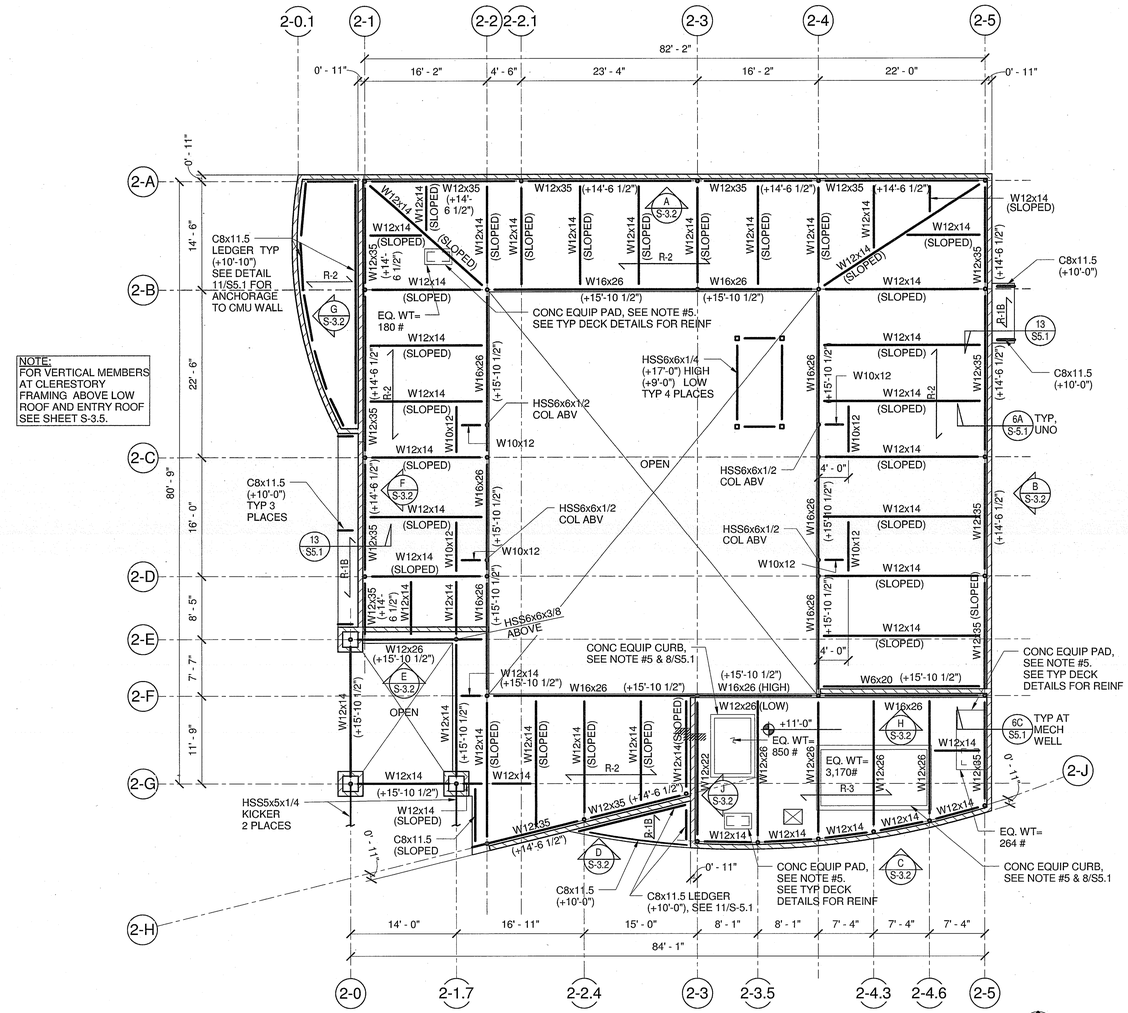


LOADING KEY PLAN - LOW ROOF

LOADING SCHEDULE			
MARK	AREA DESCRIPTION	GRAVITY DEAD LOAD (PSF)	LIVE LOAD (PSF)
1	TYPICAL ROOF	29	20 (REDUCIBLE)
2	MECHANICAL WELL ROOF	110	50 (REDUCIBLE)
3	EPICORE ROOF	29	20 (REDUCIBLE)



B BUILDING 2 - HIGH ROOF FRAMING PLAN
1/8" = 1'-0"



A BUILDING 2 - LOW ROOF FRAMING
1/8" = 1'-0"

NOTE:
FOR VERTICAL MEMBERS AT CLERESTORY FRAMING ABOVE LOW ROOF AND ENTRY ROOF SEE SHEET S-3.5.

LEGEND:

+X'-X" — INDICATES TOP OF STRUCTURAL CONCRETE SLAB

(x'-x") INDICATES TOP OF STEEL FROM 0'-0" DATUM. FOR TOP OF STEEL AT CONC DECKS SEE FRAMING PLAN NOTE 2.

R-1A — INDICATES EPICORE 3.5A 16 GA. METAL ACOUSTIC DECK 20'-0" MAX. SPAN, (2 SPANS MIN.) DECK WELDING: 3-1/2"Ø EFF. PUDDLE WELDS PER SUPPORT, 3/4"Ø PUDDLE WELDS @ 12" @ MARGINS, 1-1/2" LONG ARC SEAMWELD @ SIDE LAP CONNECTION @ 24".

R-1B — INDICATES EPICORE 3.5 16 GA. METAL NON-ACOUSTIC DECK 20'-0" MAX. SPAN, (2 SPANS MIN.) UNO. DECK WELDING: 3-1/2"Ø EFF. PUDDLE WELDS PER SUPPORT, 3/4"Ø PUDDLE WELDS @ 12" @ MARGINS, 1-1/2" LONG ARC SEAMWELD @ SIDE LAP CONNECTION @ 24.

R-2 — INDICATES 1 1/2" TYPE HSB-36 VERCO DECK, 18 GA., 10'-0" MAX SPAN (2 SPAN MIN), UNO. DECK WELDING : 5 1/2" Ø EFF. PUDDLE WELDS PER SUPPORT, 3/4"Ø PUDDLE WELDS @ 12" @ MARGINS, BUTTON PUNCH @ 12" SIDE LAP.

R-3 — INDICATES W2 FORMLOK 18 GA. METAL DECK WITH 2 1/2" THICK LIGHT WEIGHT CONCRETE FILL OVER TOPS OF FLUTES (TOTAL SLAB DEPTH 4 1/2") WITH #4@18" (EA. WAY) (1" CLEAR FROM TOP OF SLAB). 10'-0" MAX SPAN, UN-SHORED. DECK WELDING: 4-1/2"Ø EFF. PUDDLE WELDS PER SHEET PER SUPPORT, 3/4"Ø PUDDLE WELDS @ 12" @ MARGINS, BUTTON PUNCH @ 36".

R-4 — INDICATES W2 FORMLOK 18 GA. METAL DECK WITH 2 1/2" THICK LIGHT WEIGHT CONCRETE FILL OVER TOPS OF FLUTES (TOTAL SLAB DEPTH 4 1/2") WITH #4@18" (EA. WAY) (1" CLEAR FROM TOP OF SLAB). 10'-0" MAX, SPAN, UN-SHORED. DECK WELDING: 4-1/2"Ø EFF. PUDDLE WELDS PER SHEET PER SUPPORT, 3/4"Ø PUDDLE WELDS @ 12" @ MARGINS, BUTTON PUNCH @ 36".

INDICATES FLOOR/ROOF OPENING. FOR SIZE AND LOCATION SEE ARCH AND MEP DRAWINGS. WHERE FRAMING NOT SHOWN PROVIDE STEEL FRAMING EACH SIDE OF OPENING PER TYPICAL DECK DETAILS ON S1.6

INDICATES NON-BEARING CMU SHEAR WALL (PLAN)

INDICATES NON-BEARING CMU SHEAR WALL BELOW (PLAN)

FRAMING PLAN NOTES:

1. FOR GENERAL NOTES AND TYPICAL DETAILS, SEE S-1.1 THRU S-1.7
2. TOP OF STRUCTURAL STEEL SHALL BE 4 1/2" BELOW TOP OF STRUCTURAL CONCRETE SLAB, UNO (-X")
3. VERIFY FLOOR ELEVATIONS WITH ARCHITECTURAL DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR OPENINGS AND SLAB DIMENSIONS.
4. BEAMS SHALL BE EQUALLY SPACED ACROSS Wx GIRDERS UNLESS SHOWN OR UNLESS NOTED OTHERWISE ON PLANS.
5. REFER TO ARCHITECTURAL DRAWINGS FOR SLAB SLOPES, CURBS, GUTTERS, VENTS, DRAINS, ETC., AND DIMENSIONS NOT SHOWN. REFER TO MECHANICAL/PLUMBING DRAWINGS FOR DUCT OPENINGS AND EQUIPMENT PAD/CURB SIZES AND LOCATIONS, ETC.

County of Orange
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Architecture & Engineering

Revisions

Sym.	Descrip.	Date	By

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Sht Title BUILDING 2 - LOW & HIGH ROOF FRAMING PLANS
Project COUNTY OF ORANGE HEALTH CARE AGENCY
401 SOUTH TUSTIN STREET
401 SOUTH TUSTIN STREET
ORANGE, CA 92866
PROJ. NO. 100-042-P210-4200

Plan No.
52333-03608

Sheet
S-2.2.2