

DEMARCATION	SUPPORT MEMBER	BEARING LENGTH
BL31	L3 3/8 x 3 3/8	0'-4"
BL32	L4 x 3 3/8 LLV	0'-4"
BL33	L6 x 3 3/8 LLV	0'-4"

BRICK LINTEL/BEARING SCHEDULE
SCALE: NOT TO SCALE

DEMARCATION	SUPPORT MEMBER	MINIMUM MOMENT CAPACITY	MINIMUM SHEAR CAPACITY	MINIMUM 'EI' x 1,000,000
FB31	(3) 1 3/4" x 16" LVL's	11,25 FT*POUNDS	2,200 POUNDS	1125.250
FB32A*	(3) 1 3/4" x 16" LVL's	15,800 FT*POUNDS	8,155 POUNDS	623.250
FB32B	(3) 1 3/4" x 16" LVL's	10,620 FT*POUNDS	8,025 POUNDS	623.250
FB33A	(3) 1 3/4" x 16" LVL's	3,460 FT*POUNDS	1,320 POUNDS	300.040
FB33B	(3) 1 3/4" x 16" LVL's	2,540 FT*POUNDS	2,545 POUNDS	623.250
FB34	(3) 1 3/4" x 16" LVL's	22,370 FT*POUNDS	3,170 POUNDS	5,225.540
FB35	2x6	510 FT*POUNDS	455 POUNDS	29.120

FLOOR BEAM SCHEDULE

SCALE: NOT TO SCALE

FLOOR BEAM SCHEDULE NOTES:

- FLOOR BEAMS HAVE BEEN SPECIFIED TO PROVIDE ALTERNATES FOR WOOD TRUSSES AND TO CLEARLY DEFINE THE FLOOR TRUSSES FOR THE WOOD TRUSS MANUFACTURER.
- IT IS ASSUMED THAT THE WOOD TRUSS MANUFACTURER WILL PROVIDE AN ENTIRE FLOOR SYSTEM USING WOOD TRUSSES. THE TABLE HAS BEEN PREPARED TO ASSURE THAT A FLOOR SYSTEM IS ATTAINABLE FOR THE DEPTHS AND CONFIGURATIONS REQUIRED ARCHITECTURALLY AND TO VERIFY THAT THERE IS A 'STRUCTURAL SOLUTION' SHOULD IT BE DETERMINED THAT WOOD TRUSSES ARE NOT ATTAINABLE TO SUPPORT THE CODE REQUIRED DESIGN LIVE LOADS AND DESIGN DEAD LOADS REQUIRED BY THESE CONTRACT DOCUMENTS.
- SHOULD THE ALTERNATE FLOOR BEAMS BE USED IN LIEU OF FLOOR TRUSSES, THE CONTRACTOR MUST PROVIDE THE ADDITIONAL FRAMING TO CREATE THE CEILING FOR THE FLOOR BELOW AND THE DESIGN OF THE WOOD TRUSS DESIGNS ALTERED TO ACCEPT ANY ADDITIONAL LOADS REQUIRED TO CREATE THE CEILING.
- FLOOR BEAMS FB31, FB32, AND FB33 HAVE BEEN SPECIFIED TO PROVIDE A CONSISTENT BEARING DEPTH. TRUSSES FRAMING INTO FLOOR BEAMS FB32 SHALL BE ATTACHED USING A SIMPSON STRONG-TIE HANGER. THE TRUSS MANUFACTURER SHALL PROVIDE BOTTOM BEARING TRUSSES AT THE UNIFORM BOTTOM OF WOOD TRUSS ELEVATION.
- FLOOR BEAMS FB32A AND FB33A SHALL BE CENTERED BELOW THE CENTER OF THE WALL WHICH THEY SUPPORT. FLOOR BEAMS FB32B AND FB33B SHALL BE CENTERED BELOW THE BRICK FACADE WHICH THEY SUPPORT.

DEMARCATION	MINIMUM MOMENT CAPACITY	MINIMUM SHEAR CAPACITY	MINIMUM 'EI' x 1,000,000
FT31	5,110 FT*POUNDS	1,010 POUNDS	512.640
FT32	14,015 FT*POUNDS	1,755 POUNDS	2,150.360
FT33	10,220 FT*POUNDS	1,450 POUNDS	1,550.880
FT34	5,445 FT*POUNDS	1,150 POUNDS	207.150

FLOOR TRUSS SCHEDULE

SCALE: NOT TO SCALE

FLOOR TRUSS SCHEDULE NOTES:

- WOOD FLOOR TRUSSES ARE SPECIFIED BY THE REQUIREMENTS OF THIS TABLE. THE WOOD TRUSS MANUFACTURER SHOULD VERIFY THESE TRUSS DESIGNS THROUGH THE USE OF THE DESIGN LOADS PROVIDED AS WELL AS THOSE THAT MAY BE CLARIFIED AT THE TIME OF MANUFACTURE.
- THE WOOD FLOOR TRUSSES SHALL BE DESIGNED TO SUPPORT THE CODE REQUIRED DESIGN LIVE LOADS AND DESIGN DEAD LOADS. WOOD FLOOR TRUSSES SHALL BE SUPPLIED THAT ARE COMPLIANT WITH ALL MINIMUM REQUIREMENTS INCLUDED WITHIN THESE CONTRACT DOCUMENTS.

DEMARCATION	SUPPORT MEMBER	BEARING STUD	FULL HEIGHT JAMB
WH31	(3) 2x6's	(1) 2x6	(1) 2x6
WH32	(3) 2x6's	(1) 2x6	(1) 1 3/4" x 3 3/4" LVL
WH33	(3) 2x10's	(2) 2x6's	(3) 1 3/4" x 3 3/4" LVL's
WH34	(3) 2x6's	(1) 2x6	-NA-
WH35	(3) 2x8's	(1) 2x6	-NA-

WALL HEADER/JAMB/BEARING SCHEDULE

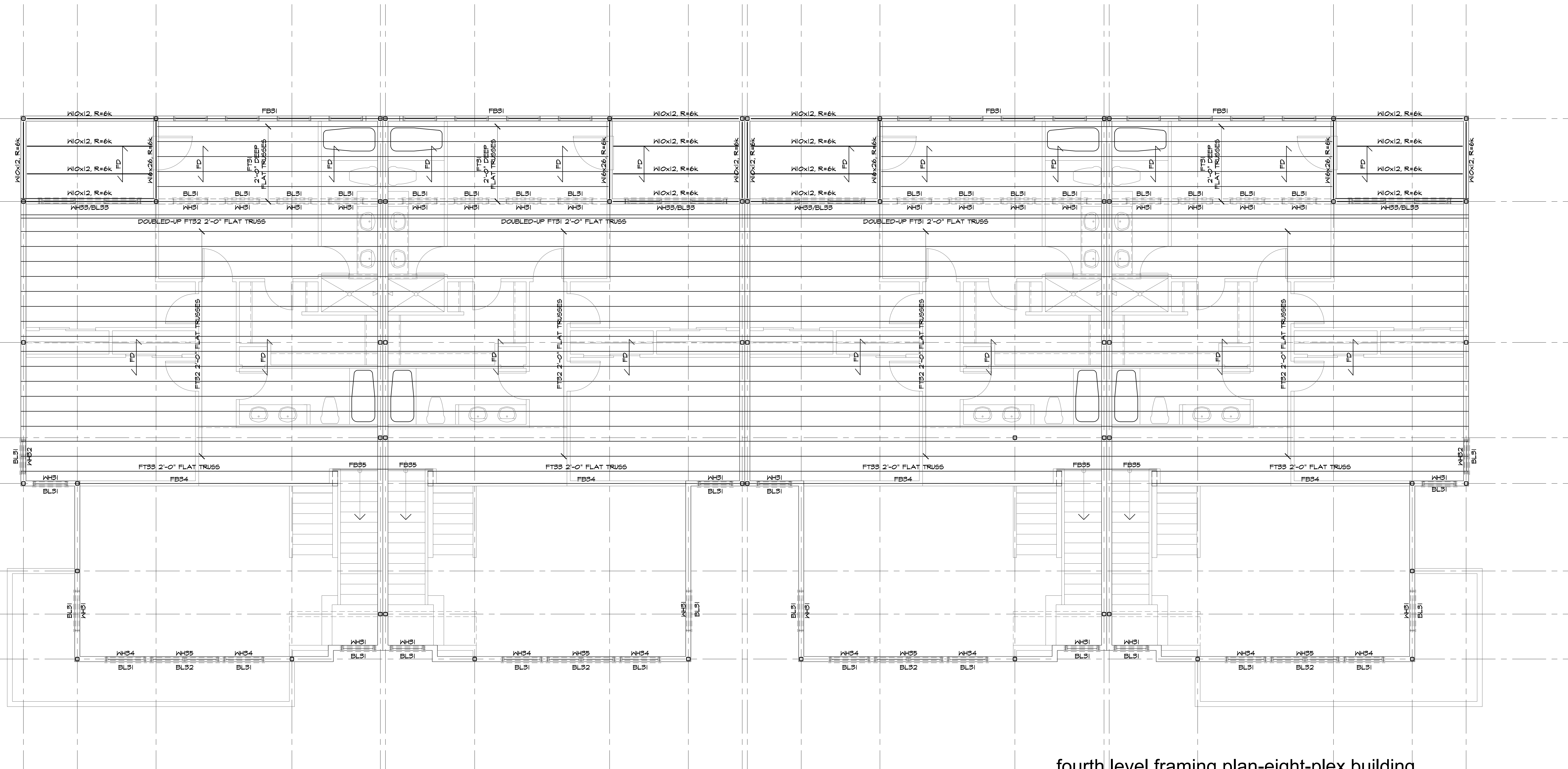
SCALE: NOT TO SCALE

WALL HEADER/JAMB/BEARING STUD SCHEDULE NOTES:

- FULL HEIGHT STUDS FOR WH34 AND WH35 ARE THOSE SPECIFIED WITH WH33 AND WH44 AND SHALL BE CONTIGUOUS FOR THE TWO FLOORS.

DRAWING S1.4a NOTES: FOURTH LEVEL FRAMING PLAN

- SEE DRAWING S0.1 AND S0.2 FOR GENERAL NOTES. SEE DRAWING S1.1g AND S1.3g FOR COLUMN SIZES.
- TYPICAL DETAILS APPLY TO ALL DRAWINGS. USE THROUGHOUT, EXCEPT WHERE OTHERWISE SHOWN OR NOTED. SEE DRAWING S1.1g FOR COLUMN SIZES.
- TOP OF METAL PLATE CONNECTED WOOD FLOOR TRUSSES IS 130'-0". TOP OF STEEL JOISTS IS 124'-1 1/2".
- INTERIOR FLOOR DECKING SHALL BE 3/4" APA RATED STRUCTURAL FLOOR SHEATHING (PLYWOOD) WITH SPAN RATINGS TO COMPLY WITH CODE-REQUIRED LOADS. ATTACH SHEATHING PER BUILDING CODE REQUIREMENTS. PATIO FLOOR SLAB SHALL BE 0'-3 3/8" CONCRETE PLACED ON A 3/4" GALVANIZED, TWENTY-TWO GAGE STEEL FORM DECK (0'-4" TOTAL THICKNESS).
- ALL DIMENSIONS MUST BE OBTAINED FROM ARCHITECTURAL DRAWINGS PRIOR TO PREPARING SHOP DRAWINGS. SEE GENERAL NOTES FOR ADDITIONAL EXAMPLES OF DIMENSIONS WHICH MUST BE COORDINATED/VERIFIED WITH OTHERS PRIOR TO PREPARING SHOP DRAWINGS.
- FD INDICATES SPAN OF FLOOR DECK
- DESIGN LOADS:
T1. LIVE LOAD: 40 PSF LIVE LOAD.
T2. DEAD LOAD: TYPICAL (TRUSSES DEMARCATED FT#), 50 PSF.
T3. DEAD LOAD, PATIO (TRUSSES DEMARCATED PT#), 100 PSF.
T4. VERIFY DESIGN DEAD LOAD WITH ACUTAL FLOOR (AND PATIO) FINISHES SPECIFIED.
- THE DESIGN DEAD LOAD USED MAY BE REVISED ONCE AN ACOUSTICAL FLOOR/CEILING SYSTEM AND FLOOR FINISHES HAVE BEEN DETERMINED. THE LICENSED ENGINEER FOR THE WOOD FLOOR TRUSS MANUFACTURER MAY (OR MAY BE REQUIRED TO) ADJUST THE DESIGN LOAD BASED UPON THE ACTUAL DEAD LOAD OF THE FLOOR. THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY IF THE ACTUAL DEAD LOAD EXCEEDS THAT WHICH HAS BEEN ASSUMED ABOVE.
- METAL PLATE CONNECTED WOOD TRUSS MANUFACTURER IS RESPONSIBLE TO PROVIDE TRUSSES CAPABLE OF SPANNING BETWEEN NOTED ALLOWABLE BEARING LOCATIONS.
- METAL PLATE CONNECTED WOOD TRUSSES ARE LOCATED AT A TYPICAL SPACING OF 1'-4" ON CENTER, NO GREATER. ALL WOOD TRUSSES SHALL BE BROUGHT TO BEAR ON A WALL STUD.
- METAL PLATE CONNECTED WOOD TRUSSES SUPPORTING WALLS (ET AL) SHALL BE PROVIDED OF SUFFICIENT WIDTH TO SUPPORT THE MATERIAL. FOR EXAMPLE, FLOOR BEAMS FB21 AND FB23 HAVE BEEN SPECIFIED AS TWO PAIR OF TRIPLED UP LVL'S TO SUPPORT THE 3/2" WALL ABOVE AND THE 3/8" BRICK FACADE ABOVE.
- ALL BEARING STUDS SHALL REMAIN SOLID UNTIL BROUGHT TO BEAR ON THE BUILDING FOUNDATION OR A SUPPORTING MEMBER, BELOW.



fourth level framing plan-eight-plex building

SCALE: 1/4"=1'-0"

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NO.	REVISION	DATE
1	Review	05/16/09

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SEAL:
Preliminary. Not for Construction

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S1.4a