DEMARCATION	SUPPORT MEMBER	BEARING LENGTH
BL11	L3½x3½x5/16	0'-4"
BL12	L4x3½x5/16 LLV	0'-4"
BL13	L5x3½x5/16 LLV	0'-4"
BLG11	L6x3½x5/16 LLV	0'-4"
BLG12	½"x8" STEEL PLATE + L5x3x5/16	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
FBI1	(2) 1¾"x14" LVL's +1"x14" STEEL PLATE	17,255 FT*POUNDS	16,105 POUNDS	1,121.250
FBI2A	(3) 1¾"x16" LVL's	10,855 FT*POUNDS	2,170 POUNDS	675.180
FBI2B	(2) 1¾"x14" LVL's + 1/8"x14" STEEL PLATE	21,210 FT*POUNDS	6,245 POUNDS	3,225.540
FBI3	(3) 1¾"x11⅞" LVL's	14,400 FT*POUNDS	2,880 POUNDS	1,318.710

FLOOR BEAM SCHEDULE

SCALE: NOT TO SCALE

FLOOR BEAM SCHEDULE NOTES:

1. FLOOR BEAMS HAVE BEEN SPECIFIED TO PROVIDE ALTERNATES FOR WOOD TRUSSES AND TO CLEARLY DEFINE THE FLOOR TRUSSES FOR THE WOOD TRUSS MANUFACTURER.

2. 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.

3. 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.

4. FLOOR BEAMS FBI2 HAVE BEEN SPEIGIFIED TO PROVIDE A CONSISTENT BEARING DEPTH TO ATTAIN THE STRUCTURAL FLOOR ELEVATION. THE TRUSS MANUFACTURER SHALL PROVIDE BOTTOM BEARING TRUSSES AT THE UNIFORM BOTTOM OF WOOD TRUSS ELEVATION.

5. FLOOR BEAMS FBI2A SHALL BE CENTERED BELOW THE CENTER OF THE WALL WHICH THEY SUPPORT. FLOOR BEAMS FBI2B SHALL BE CENTERED BELOW THE BRICK FACADE WHICH THEY SUPPORT.

DEMARCATION	MINIMUM MOMENT CAPACITY	MINIMUM SHEAR CAPACITY	MINIMUM "EI" x 1,000,000
FTI1	1,820 FT*POUNDS	600 POUNDS	100.030
FTI2	5,235 FT*POUNDS	1,025 POUNDS	512.640
FTI3	14,015 FT*POUNDS	1,755 POUNDS	2,150.360
FTI4	7,455 FT*POUNDS	1,235 POUNDS	1,075.180
PTI1	10,230 FT*POUNDS	2,000 POUNDS	1075.180

FLOOR TRUSS SCHEDULE

SCALE: NOT TO SCALE

FLOOR TRUSS SCHEDULE NOTES:

1. 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

2. 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
WHI1	(3) 2x6's	(2) 2x6's	(2) 1¾"x5½" LVL's
WHI2	(3) 2x6's	(1) 2x6	(1) 1¾"x5½" LVL
WHI3	(3) 1¾"x5½" LVL's	(1) 1¾"x5½" LVL	(2) 1¾"x5½" LVL's
WHI4	(3) 1¾"x5½" LVL's	(3) 2x6's	-NA-
WHI5	(3) 2x6's	(1) 2x6	-NA-
WHI6	(3) 2x8's	(1) 1¾"x5½" LVL	-NA-
WHI7	(3) 1¾"x9¼" LVL's	(3) 2x6's	-NA-
WHI8	(3) 2x10's	(2) 2x6's	(1) 2x6
WHI9	(3) 2x6's	(1) 1¾"x5½" LVL	-NA-
WH20	(3) 2x8's	(1) 1¾"x5½" LVL	-NA-
GDHI1	(3) 1¾"x9¼" LVL's	(2) 2x6's*	-NA-
GDHI2	(3) 1¾"x11¼" LVL's	(2) 2x6's*	-NA-

WALL HEADER/JAMB/BEARING SCHEDULE

SCALE: NOT TO SCALE

WALL HEADER/JAMB/ BEARING STUD SCHEDULE NOTES:

1. FULL HEIGHT STUDS FOR WHI5, WHI6, WHI9 AND WH20 ARE THOSE SPECIFED WITH WH24, WH25, WH26, AND WH27 AND SHALL BE CONTIONUOUS FOR THE TWO FLOORS.

2. * INDICATES A MINIMUM NUMBER OF BEARING STUDS REQUIRED. SIMPSON STRONG TIE STEEL STRONG-WALL SHEAR WALLS TYPICALLY HAVE BEEN SPECIFIED ADJACENT THE OPENINGS WITH THE BEARING STUDS DEMARCATED WITH THE ASTERISK, FILL ENTIRE REMAINING AREA WITH BEARING STUDS.

DRAWING S1.2a NOTES: SECOND LEVEL FRAMING PLAN

1. SEE DRAWING S0.1 AND S0.2 FOR GENERAL NOTES. SEE DRAWING S1.1a FOR COLUMN SIZES.

2. TYPICAL DETAILS APPLY TO ALL DRAWINGS. USE THROUGHOUT, EXCEPT WHERE OTHERWISE SHOWN OR NOTED. SEE DRAWING S1.1a FOR COLUMN SIZES.

3. TOP OF METAL PLATE CONNECTED WOOD FLOOR TRUSSES IS 110'-0". TOP OF STEEL JOISTS IS 109'-½"

4. INTERIOR FLOOR DECKING SHALL BE ¾" APA RATED STRUCTURAL FLOOR SHEATHING (PLYWOOD) WITH SPAN RATING TO COMPLY WITH CODE-REQUIRED LOADS. ATTACH SHEATHING PER BUILDING CODE REQUIREMENTS. PATIO FLOOR SLAB SHALL BE 0'-9⅜" CONCRETE PLACED ON A ⅜" GALVANIZED, TWENTY-TWO GAGE STEEL FORM DECK (0'-4" TOTAL THICKNESS).

5. 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.

6. FD INDICATES SPAN OF FLOOR DECK

7. DESIGN LOADS:
7.1. LIVE LOAD: 40 PSF LIVE LOAD.
7.2. DEAD LOAD*, TYPICAL (TRUSSES DEMARCATED FTI#): 30 PSF.
7.3. DEAD LOAD, PATIO (TRUSSES DEMARCATED PTI#): 100 PSF.
7.4. VERIFY DESIGN DEAD LOAD WITH ACUTAL FLOOR (AND PATIO) FINISHES SPECIFIED.
* THE DESIGN DEAD LOAD USED MAY BE REVISED ONCE AN ACCOUSTICAL 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 ACUTAL DEAD LOAD OF THE FLOOR. THE ARCHITECT SHALL BE NOTIFIED IMMEDIATLY IF THE ACTUAL DEAD LOAD EXCEEDS THAT WHICH HAS BEEN ASSUMED ABOVE.

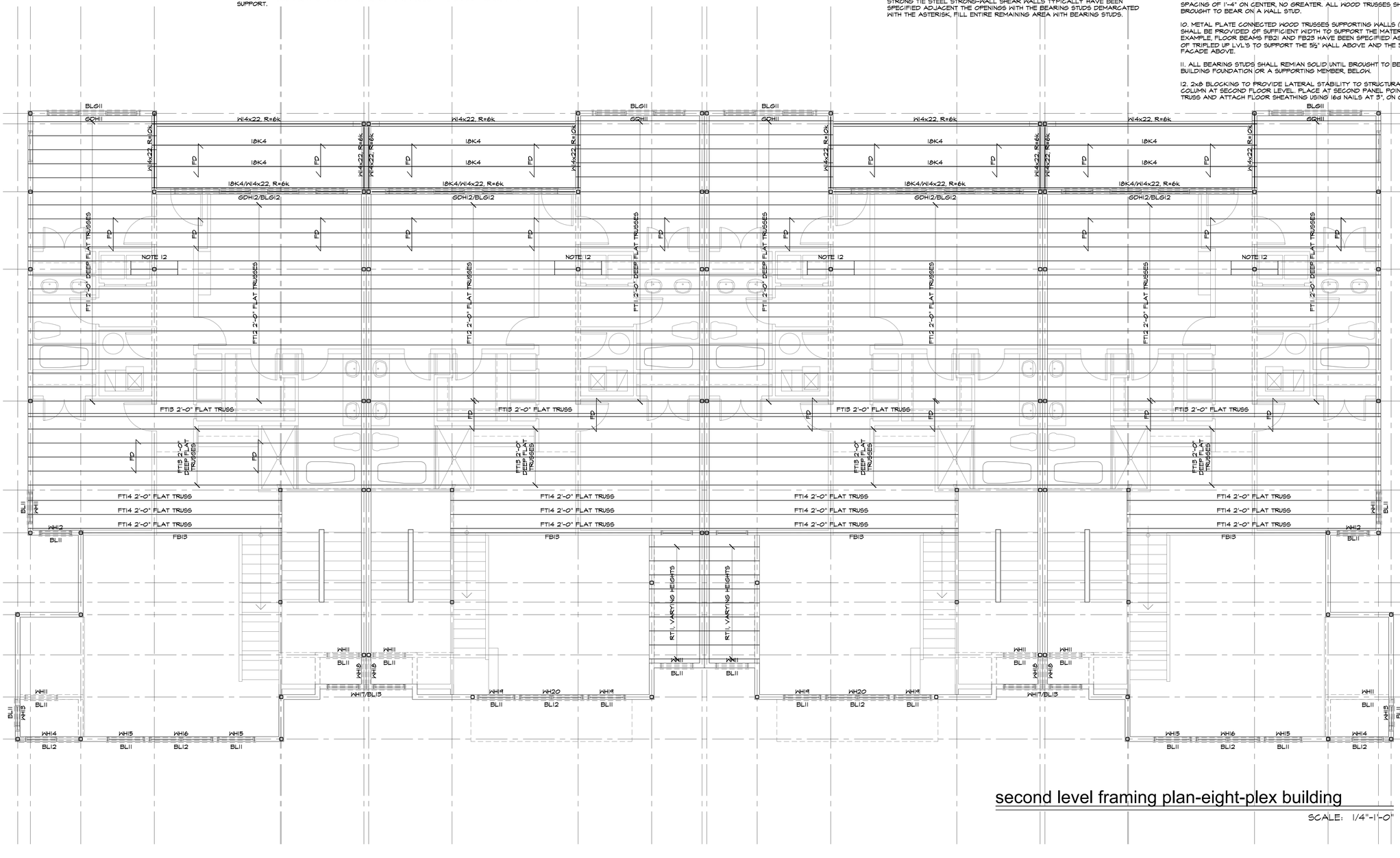
8. METAL PLATE CONNECTED WOOD TRUSS MANUFACTURER IS RESPONSIBLE TO PROVIDE TRUSSES CAPABLE OF SPANNING BETWEEN NOTED ALLOWABLE BEARING LOCATIONS.

9. 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.

10. METAL PLATE CONNECTED WOOD TRUSSES SUPPORTING WALLS (ET AL) SHALL BE PROVIDED OF SUFFICIENT WIDTH TO SUPPORT THE MATERIAL. FOR EXAMPLE, FLOOR BEAMS FBI2I AND FBI23 HAVE BEEN SPECIFIED AS TWO PAIR OF TRIPLED UP LVL'S TO SUPPORT THE 5½" WALL ABOVE AND THE 3⅝" BRICK FACADE ABOVE.

11. ALL BEARING STUDS SHALL REMIAN SOLID UNTIL BROUGHT TO BEAR ON THE BUILDING FOUNDATION OR A SUPPORTING MEMBER, BELOW.

12. 2x8 BLOCKING TO PROVIDE LATERAL STABILITY TO STRUCTURAL STEEL COLUMN AT SECOND FLOOR LEVEL. PLACE AT SECOND PANEL POINT OF FLOOR TRUSS AND ATTACH FLOOR SHEATHING USING 16d NAILS AT 3", ON CENTER.



second level framing plan-eight-plex building

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

preview
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NO.	DESCRIPTION	DATE
1	Review	09.16.05

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SEAL:

Preliminary. Not for Construction

SHEET TITLE:

PROJECT NUMBER: 2003-131

DRAWN BY:

CHECKED BY:

SHEET NUMBER: S1.2a