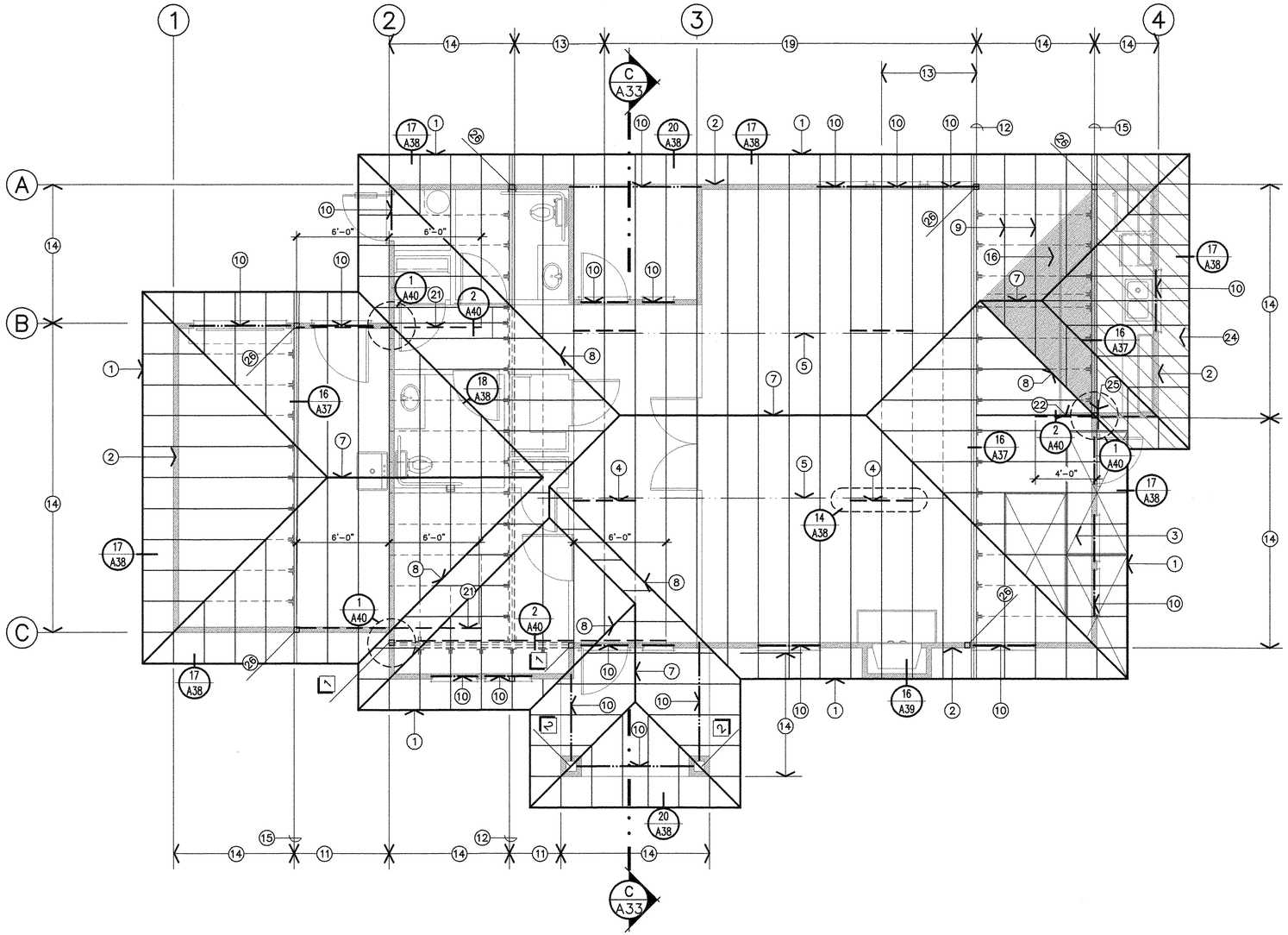

COMMUNITY BUILDING
ROOF FRAMING PLAN

1/4" = 1'-0"

DIAPHRAGM SCHEDULE

TYPE	THICK-NESS	PANEL INDEX	GRADE	WIDTH FRAMING MEMBER	NAILING					REMARKS
					SIZE	TYPE	SPACING			
							BN	EN	INT	
1	1/2"	32/16	CDX	2x	8d	CN ③	6"	6"	12"	①②

① LAP TOP PLATES 4'-0" MINIMUM AND PROVIDE (14) 16d NAILS AT EACH SIDE OF TOP PLATE SPLICES OR A DOUBLE "SIMPSON" CS-16 STRAP .
② UNBLOCKED DIAPHRAGM
③ USE HILTI COMMON GUN NAILS WITH 0.131 INCH DIAMETER SHANK, 2-1/2" LONG

NOTES

1. 1 SHEAR DIAPHRAGM SCHEDULE REFERENCE KEY. FOR ADDITIONAL INFORMATION, REFER TO SHEAR DIAPHRAGM SCHEDULE, SHEET A-29
2. 1 COLUMN SCHEDULE KEY. FOR ADDITIONAL INFORMATION, REFER TO THE COLUMN SCHEDULE. SHEET A-27
3. TYPICAL ROOF FRAMING MEMBERS: PRE-FABRICATED PRESS-PLATE WOOD ROOF TRUSSES AT 24 INCHES ON-CENTER UNLESS NOTED OTHERWISE ON THE DRAWINGS. TRUSS MANUFACTURER SHALL SUBMIT DRAWINGS AND CALCULATIONS TO THE ARCHITECT AND LOCAL BUILDING OFFICIAL FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. APPROVED TRUSS DRAWINGS SHALL BE ON-SITE FOR FRAMING INSPECTION.
4. TYPICAL OVERHANGS/SOFFITS: AT SOFFITS, INSTALL CEMENT PLASTER OVER EXPANDED WIRE LATH AS INDICATED ON THE DRAWINGS. AT OVERHANGS, EXTERIOR GRADE PLYWOOD SHEATHING INSTALLED OVER EXPOSED RAFTER TAILS.
5. TYPICAL ROOF PITCH : 5:12 SLOPE
6. UNLESS NOTED OTHERWISE ON THE DRAWINGS, ALL FRAMING LUMBER SHALL BE DOUGLAS FIR NO. 2 AND BETTER. REFER TO LUMBER NOTES, SHEET A- 35 AND LUMBER SCHEDULE, SHEET A-8.
7. FOR ADDITIONAL WOOD NOTES AND NAILING SCHEDULE, REFER TO SHEET A-35.
8. FOR ADDITIONAL ROOF TRUSS NOTES, REFER TO SHEET A-35.
9. REFER TO THE FOUNDATION PLAN, SHEET A-27, FOR SHEAR WALL LOCATIONS AND REQUIREMENTS
10. FOR HEADER SIZES NOT NOTED ON THE ROOF FRAMING PLAN, REFER TO THE HEADER SCHEDULE, SHEET A-35.

KEYNOTES

1. 2x8 RESAWN HEM FIR FASCIA WITH 1x3 STARTER STRIP/ TYPICAL.
2. BEARING WALLS SHOWN SHADED/TYPICAL.
3. 1 A.P.A. 32/16 INDEX CDX PLYWOOD ROOF SHEATHING APPLIED PERPENDICULAR TO FRAMING. REFER TO SHEAR DIAPHRAGM SCHEDULE (NOTE: STRUCT. 1 STAMPED ORIENTED STRAND BOARD MAY BE USED IN LIEU OF PLYWOOD).
4. 2x "CROSS-BRACING" AT 20'-0" ON-CENTER (MAXIMUM) OR AS INDICATED OTHERWISE.
5. 2x4 FLAT AT 1/3 SPANS OF TRUSSES AT TOP & BOTTOM CHORDS WITH 2-16d NAILS PER CHORD (TRUSS). LAP SPLICES 30 INCHES MINIMUM/ TYPICAL
6. 2x4 LOOK-OUT AT 24 INCHES ON-CENTER WITH 2-16d TO TOP OF CHORD OF INSET TRUSS/TYPICAL.
7. 2x FULL DEPTH RIDGE BLOCKING AS SHOWN.
8. 2x 6 DOUGLAS FIR NO. 2 CONTINUOUS VALLEY BLOCKING AT CALIFORNIA FILL/TYPICAL.
9. INSTALL 2x6 DOUGLAS FIR NO. 2 FILL RAFTERS AT 24 INCHES ON-CENTER AT FILL CONDITIONS. PROVIDE 2x8 DOUGLAS FIR NO. 2 RIDGES AS REQUIRED (OPTION: USE VALLEY FILL TRUSSES AS SUPPLIED BY THE ROOF TRUSS MANUFACTURER)/ TYPICAL.
10. 4x12 DOUGLAS FIR NO.2 HEADER / TYPICAL.
11. INSTALL PRE-FABRICATED PRESS-PLATE WOOD TRUSSES AT 24 INCHES ON-CENTER (UNLESS NOTED OTHERWISE). TRUSS MANUFACTURER SHALL PROVIDE DRAWINGS AND CALCULATIONS TO THE ARCHITECT AND CITY OF FRESNO BUILDING DIVISION FOR APPROVAL PRIOR TO FABRICATION.
12. INDICATES LOCATION(S) OF PRE-FABRICATED PRESS-PLATE WOOD GIRDER TRUSS(ES). PROVIDE (3) 2x4 STUDS UNDER EACH END (UNLESS NOTED OTHERWISE) AND "SIMPSON HU26TF JOIST HANGER FROM ROOF TRUSSES TO BOTTOM CHORD OF GIRDER (PROVIDE MINIMUM 2x6 BOTTOM CHORD FOR ATTACHMENT)/ TYPICAL
13. INSTALL PRE-FABRICATED PRESS-PLATE WOOD STEP-DOWN TRUSSES AT 24 INCHES ON-CENTER / TYPICAL.
14. INSTALL PRE-FABRICATED PRESS-PLATE WOOD HIP FLARE TRUSSES AT 24 INCHES ON-CENTER (UNLESS NOTED OTHERWISE). PROVIDE "SIMPSON U-2 JOIST HANGERS FROM BOTTOM CHORD OF FLARE TO BOTTOM CHORD OF GIRDER TRUSS AND "SIMPSON" A35 FRAMING CLIP AT TOP CHORD CONNECTIONS / TYPICAL
15. INSTALL PRE-FABRICATED PRESS-PLATE WOOD HIP GIRDER TRUSS. VERIFY 2x6 (MINIMUM) BOTTOM CHORD DIMENSION FOR INSTALLATION OF JOIST HANGERS/ TYPICAL
16. AREA OF FILL SHOWN SHADED. PROVIDE 10-1/4" x 10-1/4" HOLE IN DIAPHRAGM FOR VENTILATION REFER TO DETAIL 8, SHEET A-38
17. INSTALL "SIMPSON" CS-16 STRAP WITH 8d NAILS AT 6 INCHES ON-CENTER FROM GIRDER TRUSS TO TOP PLATES. LAP STRAP 20 INCHES (MINIMUM) OVER. TOP PLATES/ TYPICAL
18. INSTALL STUDDED GABLE END TRUSS OVER UNIT COMMON WALL. BOUNDARY NAIL PLYWOOD DIAPHRAGM TO TOP CHORD OF TRUSS AND PROVIDE "SIMPSON"A-35 FRAMING CLIPS FROM BOTTOM CHORD TO TOP PLATES OF WALL AT 12 INCHES ON-CENTER/ TYPICAL.
19. INSTALL CLIPPED PRE-FABRICATED PRESS-PLATE WOOD TRUSSES AT 24 INCHES ON-CENTER (UNLESS NOTED OTHERWISE).
20. INDICATES LOCATION OF 22"x30" ATTIC ACCESS/ TYPICAL
21. INSTALL "SIMPSON" CS-16 STRAP INSTALLED OVER TRUSS/ BLOCKING ALIGNED WITH WALL. PROVIDE 8d COMMON NAILS AT 6 INCHES ON-CENTER / TYPICAL.
22. INSTALL "SIMPSON" CS-16 STRAP INSTALLED OVER TRUSS/ BLOCKING ALIGNED WITH WALL. PROVIDE 8d COMMON NAILS AT 4 INCHES ON-CENTER/ TYPICAL
23. INSTALL DOUBLE "SIMPSON" CS-16 STRAP INSTALLED OVER GIRDER TRUSS/ 4 x 4 BLOCKING WITH 8d COMMON NAILS AT 6 INCHES ON-CENTER/ TYPICAL
24. HATCHING INDICATES THE LOCATION OF 1/2 INCH PLYWOOD BLOCKED DIAPHRAGM WITH 8d COMMON NAILS AT 4 INCHES ON-CENTER BOUNDARY; 6 INCHES ON-CENTER EDGE; AND 12 INCHES ON-CENTER FIELD/ TYPICAL
25. INSTALL "SIMPSON" DSC 4 R/L-SDS3 DRAG STRUT CONNECTOR FROM TOP PLATE OF WALL TO GIRDER TRUSS/ TYPICAL
26. INSTALL DOUBLE STUD SUPPORT UNDER GIRDER TRUSS(ES) AT BEARING WALLS/ TYPICAL

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Revisions Date

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REGISTERED ARCHITECT SCOTT A. VINCENT Exp. 12/31/05 No. C-15290 STATE OF CALIFORNIA

Issuances:	Date:
○ DESIGN REVIEW	
● PLAN CHECK	11.07.05
○ BACK CHECK	
○ PERMITS	
○ CONSTRUCTION	
○ AS BUILT	

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Reference North:

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

Project Name: LAMBE APARTMENTS
FRESNO, CALIFORNIA

Project Number: 240723

Plot Date: 11/07/05

Sheet Number:

A29

Of . Sheets .