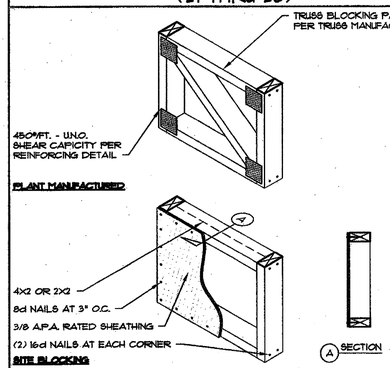
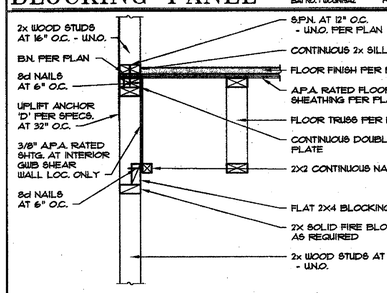
(21 THRU 25)



BLOCKING PANEL

SCALE: 1" = 1'-0" | © R02-16-04 BAI | BAI NO.: 1102K19AZ | 21



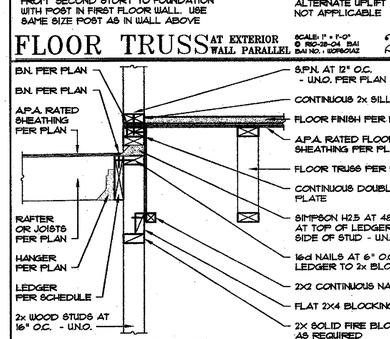
NOTE: TRANSFER ALL BEARING POST LOADS FROM SECOND STORY TO FOUNDATION WITH POST IN FIRST FLOOR WALL. USE SAME SIZE POST AS IN WALL ABOVE

ALTERNATE UPLIFT ANCHOR 'D'

ALTERNATE UPLIFT 'D' NOT APPLICABLE

FLOOR TRUSS AT EXTERIOR WALL PARALLEL

SCALE: 1" = 1'-0" | © R02-28-04 BAI | BAI NO.: 1102K06AZ | 22



LEDGER SIZE AND CONNECTION

RAFTER SPAN	ROOF	DECK
0'-0" - 10'-0"	2x6 CONT. WOOD LEDGER W/ (4) 16d NAILS VERT. AT 16" O.C. STAGGER ADD AT EACH END	2x8 CONT. WOOD LEDGER W/ (5) 16d NAILS VERT. AT 16" O.C. STAGGER ADD AT EACH END
10'-1" - 15'-0"	2x8 CONT. WOOD LEDGER W/ (5) 16d NAILS VERT. AT 16" O.C. STAGGER ADD AT EACH END	2x10 CONT. WOOD LEDGER W/ (6) 16d NAILS VERT. AT 16" O.C. STAGGER ADD AT EACH END
15'-1" - 15'-0" MAX.	2x8 CONT. WOOD LEDGER W/ (5) 16d NAILS VERT. AT 16" O.C. SIMPSON A35 AT EA. TRUSS	N/A

NOTE: REFER TO 21/SD5.0 FOR FLOOR TRUSS TO WALL CONNECTION INFORMATION NOT SHOWN ON DETAIL.

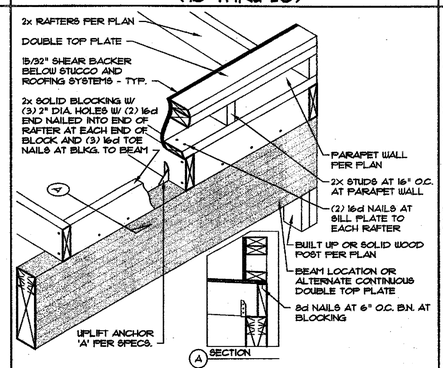
FLOOR TRUSS AT LEDGER AT PERP. RAFTER

SCALE: 1" = 1'-0" | © R02-28-04 BAI | BAI NO.: 1102K23AZ | 23

STAIR AND LANDING

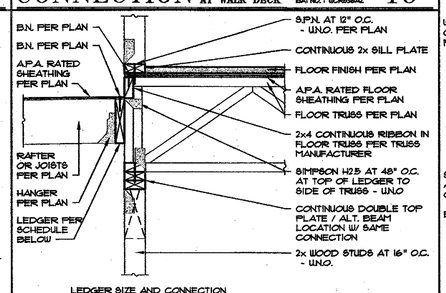
SCALE: 1" = 1'-0" | © R-02-28-04 BAI | BAI NO.: 1102K19AZ | 19

(16 THRU 20)



CONNECTION RAFTER TO BEAM AT WALK DECK

SCALE: 1" = 1'-0" | © R10-29-03 BAI | BAI NO.: 1102K05AZ | 16



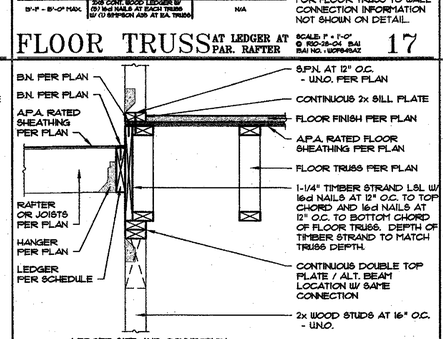
LEDGER SIZE AND CONNECTION

RAFTER SPAN	ROOF	DECK
0'-0" - 10'-0"	2x6 CONT. WOOD LEDGER W/ (4) 16d NAILS AT 6" O.C.	2x8 CONT. WOOD LEDGER W/ (5) 16d NAILS AT 6" O.C.
10'-1" - 15'-0"	2x8 CONT. WOOD LEDGER W/ (5) 16d NAILS AT 6" O.C. SIMPSON A35 AT EA. TRUSS	2x10 CONT. WOOD LEDGER W/ (6) 16d NAILS AT 6" O.C. SIMPSON A35 AT EA. TRUSS
15'-1" - 15'-0" MAX.	2x8 CONT. WOOD LEDGER W/ (5) 16d NAILS AT 6" O.C. SIMPSON A35 AT EA. TRUSS	N/A

NOTE: REFER TO 21/SD5.0 FOR FLOOR TRUSS TO WALL CONNECTION INFORMATION NOT SHOWN ON DETAIL.

FLOOR TRUSS AT LEDGER AT PERP. RAFTER

SCALE: 1" = 1'-0" | © R02-28-04 BAI | BAI NO.: 1102K18AZ | 18



LEDGER SIZE AND CONNECTION

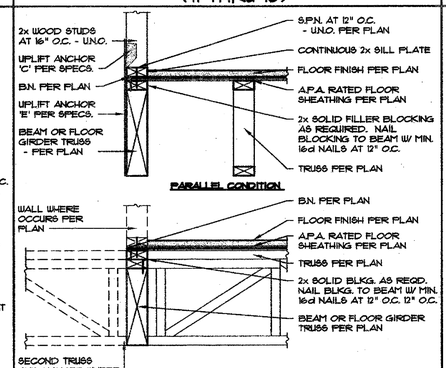
RAFTER SPAN	ROOF	DECK
0'-0" - 10'-0"	2x6 CONT. WOOD LEDGER W/ (4) 16d NAILS VERT. AT 16" O.C.	2x8 CONT. WOOD LEDGER W/ (5) 16d NAILS VERT. AT 16" O.C.
10'-1" - 15'-0"	2x8 CONT. WOOD LEDGER W/ (5) 16d NAILS VERT. AT 16" O.C. 1/2" DIA. LAG BOLTS AT 32" O.C.	2x10 CONT. WOOD LEDGER W/ (6) 16d NAILS VERT. AT 16" O.C. 1/2" DIA. LAG BOLTS AT 32" O.C.
15'-1" - 15'-0" MAX.	(5) 16d NAILS VERT. AT 16" O.C. SIMPSON A35 AT 16" O.C.	N/A

NOTE: REFER TO 2/SD5.0 FOR FLOOR TRUSS TO WALL CONNECTION INFORMATION NOT SHOWN ON DETAIL. REFER TO DETAIL 22/SD5.0 FOR ALTERNATE CONDITION.

FLOOR TRUSS AT LEDGER AT PERP. RAFTER

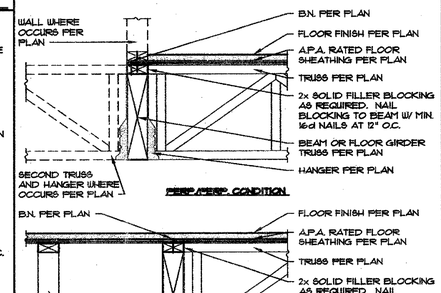
SCALE: 1" = 1'-0" | © R02-28-04 BAI | BAI NO.: 1102K24AZ | 17

(11 THRU 15)



CONNECTION AT FLUSH BEAM/HANGER

SCALE: 1" = 1'-0" | © R02-28-04 BAI | BAI NO.: 1102K04AZ | 11

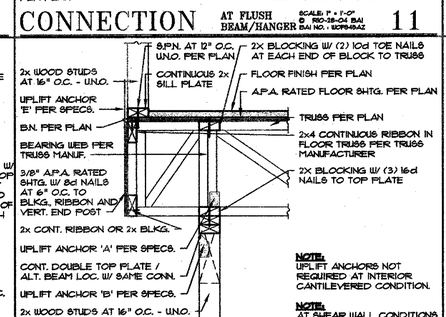


NOTE: UPLIFT ANCHORS NOT REQUIRED AT INTERIOR CANTILEVERED CONDITION.

NOTE: AT SHEAR WALL CONDITIONS PLACE 1-BLOCKING PANEL AT EACH TRUSS BAY ABOVE WALL. B.N. FLOOR SHEATHING TO TOP OF BLKG. PANEL AND NAIL BLOCKING PANEL TO TOP PLATE OF WALL W/ 3-16d NAILS. SEE 21/SD5.0

CANT. SUPPORT AT EXT. WALL

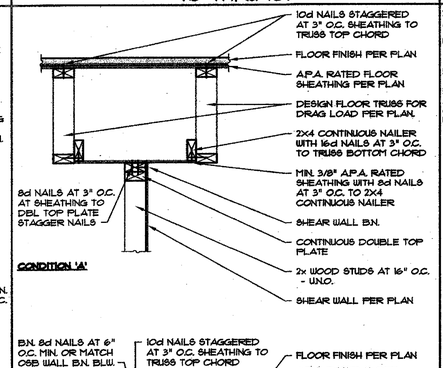
SCALE: 1" = 1'-0" | © R02-28-04 BAI | BAI NO.: 1102K03AZ | 12



SHEAR WALLS AT UPPER SHEAR WALL

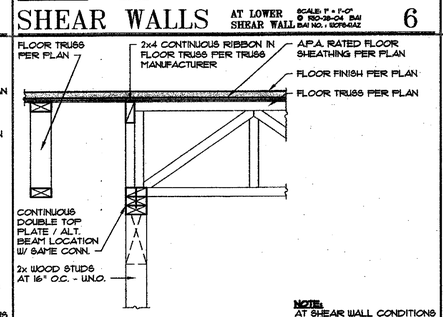
SCALE: 1" = 1'-0" | © R02-28-04 BAI | BAI NO.: 1102K14AZ | 14

(6 THRU 10)



SHEAR WALLS AT LOWER SHEAR WALL

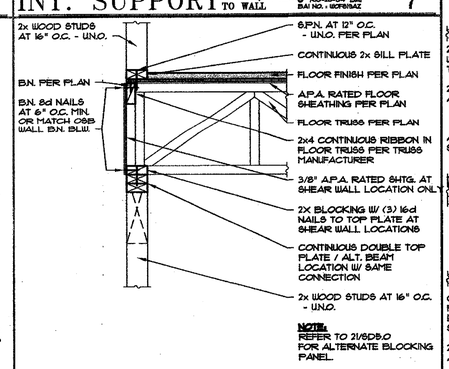
SCALE: 1" = 1'-0" | © R02-28-04 BAI | BAI NO.: 1102K06AZ | 6



NOTE: AT SHEAR WALL CONDITIONS PLACE 1-BLOCKING PANEL AT EACH TRUSS BAY ABOVE WALL. B.N. FLOOR SHEATHING TO TOP OF BLKG. PANEL AND NAIL BLOCKING PANEL TO TOP PLATE OF WALL W/ 3-16d NAILS. SEE 21/SD5.0

INT. SUPPORT PERP. / PAR. TO WALL

SCALE: 1" = 1'-0" | © R02-28-04 BAI | BAI NO.: 1102K07AZ | 7

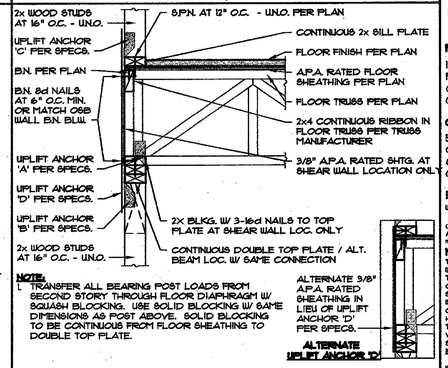


NOTE: REFER TO 21/SD5.0 FOR ALTERNATE BLOCKING PANEL.

INT. SUPPORT PERP. TO WALL

SCALE: 1" = 1'-0" | © R01-12-05 BAI | BAI NO.: 1102K08AZ | 8

(1 THRU 5)



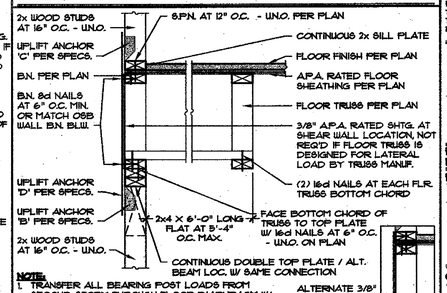
NOTE:
1. TRANSFER ALL BEARING POST LOADS FROM SECOND STORY THROUGH FLOOR DIAPHRAGM W/ SQUASH BLOCKING. USE SOLID BLOCKING W/ SAME DIMENSIONS AS POST ABOVE. SOLID BLOCKING TO BE CONTINUOUS FROM FLOOR SHEATHING TO DOUBLE TOP PLATE.

ALTERNATE 3/8" A.P.A. RATED SHEATHING IN LIEU OF UPLIFT ANCHOR 'D' PER SPECS.

ALTERNATE UPLIFT ANCHOR 'D'

RIM EXTERIOR WALL PERPENDICULAR

SCALE: 1" = 1'-0" | © R01-12-05 BAI | BAI NO.: 1102K02AZ | 1



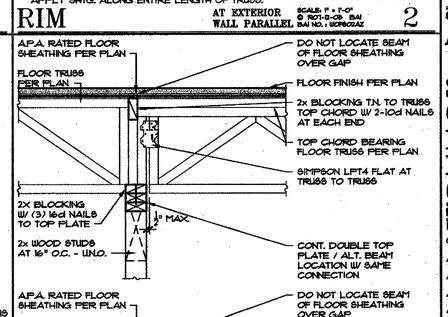
NOTE:
1. TRANSFER ALL BEARING POST LOADS FROM SECOND STORY THROUGH FLOOR DIAPHRAGM W/ SQUASH BLOCKING. USE SOLID BLOCKING W/ SAME DIMENSIONS AS POST ABOVE. SOLID BLOCKING TO BE CONTINUOUS FROM FLOOR SHEATHING TO DOUBLE TOP PLATE.
2. REFER TO DETAIL (22/SD5.0) FOR ALT. CONDITION.
3. IF TRUSS IS NOT STRUCTURAL, (NO DIAG. WEBS) APPLY SHTG. ALONG ENTIRE LENGTH OF TRUSS.

ALTERNATE 3/8" A.P.A. RATED SHEATHING IN LIEU OF UPLIFT ANCHOR 'D' PER SPECS.

ALTERNATE UPLIFT ANCHOR 'D'

RIM AT EXTERIOR WALL PARALLEL

SCALE: 1" = 1'-0" | © R01-12-05 BAI | BAI NO.: 1102K02AZ | 2



INT. SUPPORT PERP. TO WALL

SCALE: 1" = 1'-0" | © R02-28-04 BAI | BAI NO.: 1102K04AZ | 3

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REFER TO SN SHEETS FOR ALL NOTES AND SPECIFICATIONS

PROJECT:
Broadway at San Marcos

OWNER/DEVELOPER:
Liberty Homes

ARCHITECT/DESIGNER:
MDW Designs

SHEET:
AZ–NV

STRUCTURAL OPEN WEB FLOOR TRUSS DETAILS (1 thru 30)

REFERENCE DATE: 03-28-07

ISSUED FOR:

CLIENT DELIVERY	03-29-07
△	
△	
△	
△	
△	
△	
△	
△	

ENGINEER OF RECORD:

CERTIFICATE NO. 35750 MICHAEL ERIC WILLIS — REGISTERED PROFESSIONAL ENGINEER — 3-29-07 — ARIZONA, U.S.A.

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Telephone: (623) 869-0607 ext. 233
Facsimile: (623) 869-0609
Email: steved@borm.com

-For scheduling site observation and for field changes contact the Construction Administrator:
Alissa Engeby
Telephone: (623) 869-0607 ext. 232
Facsimile: (623) 869-0609
Email: alissae@borm.com

FILE NO: 12564
CAD NO.: 12564 SD5-0
DRAWN BY: KER
ENGINEER: HI
SCALE: ½" = 1'-0"

SHT NO. SD5.0