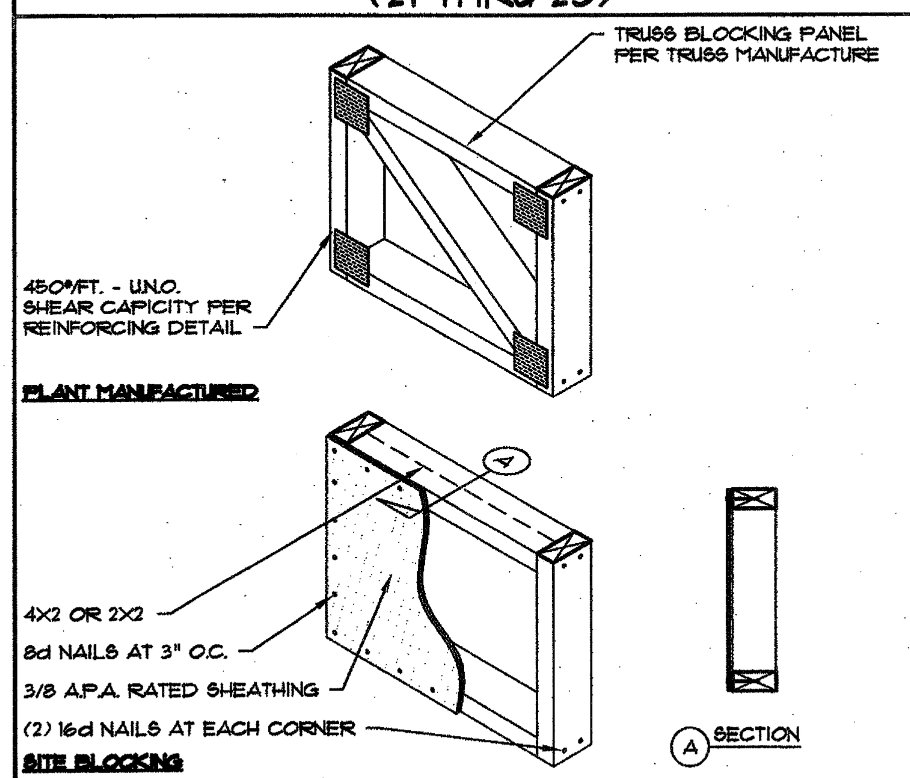
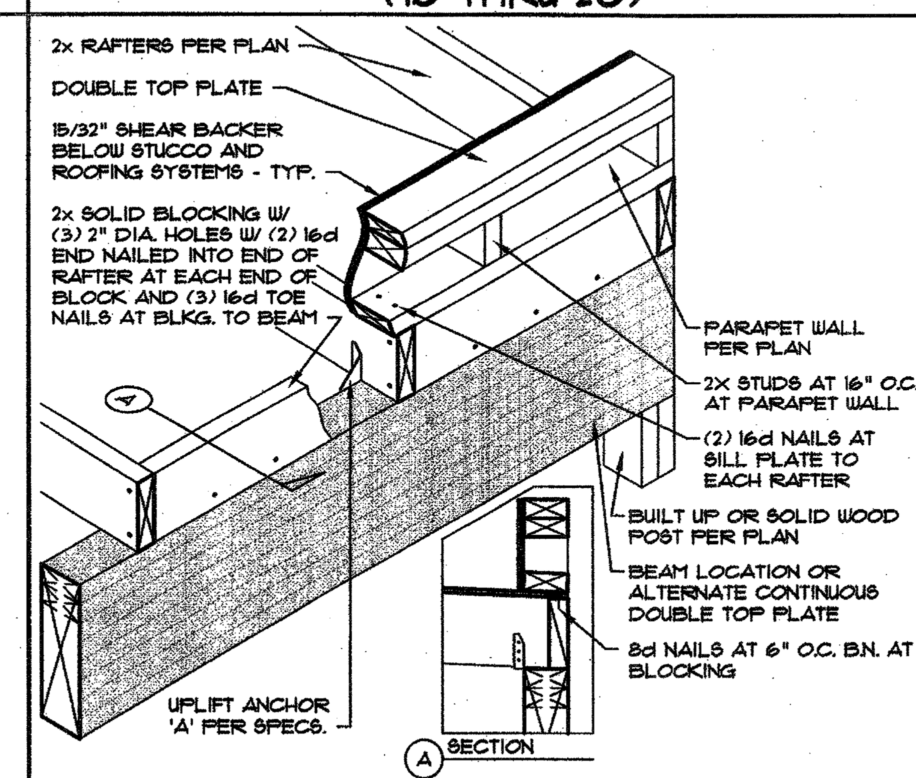
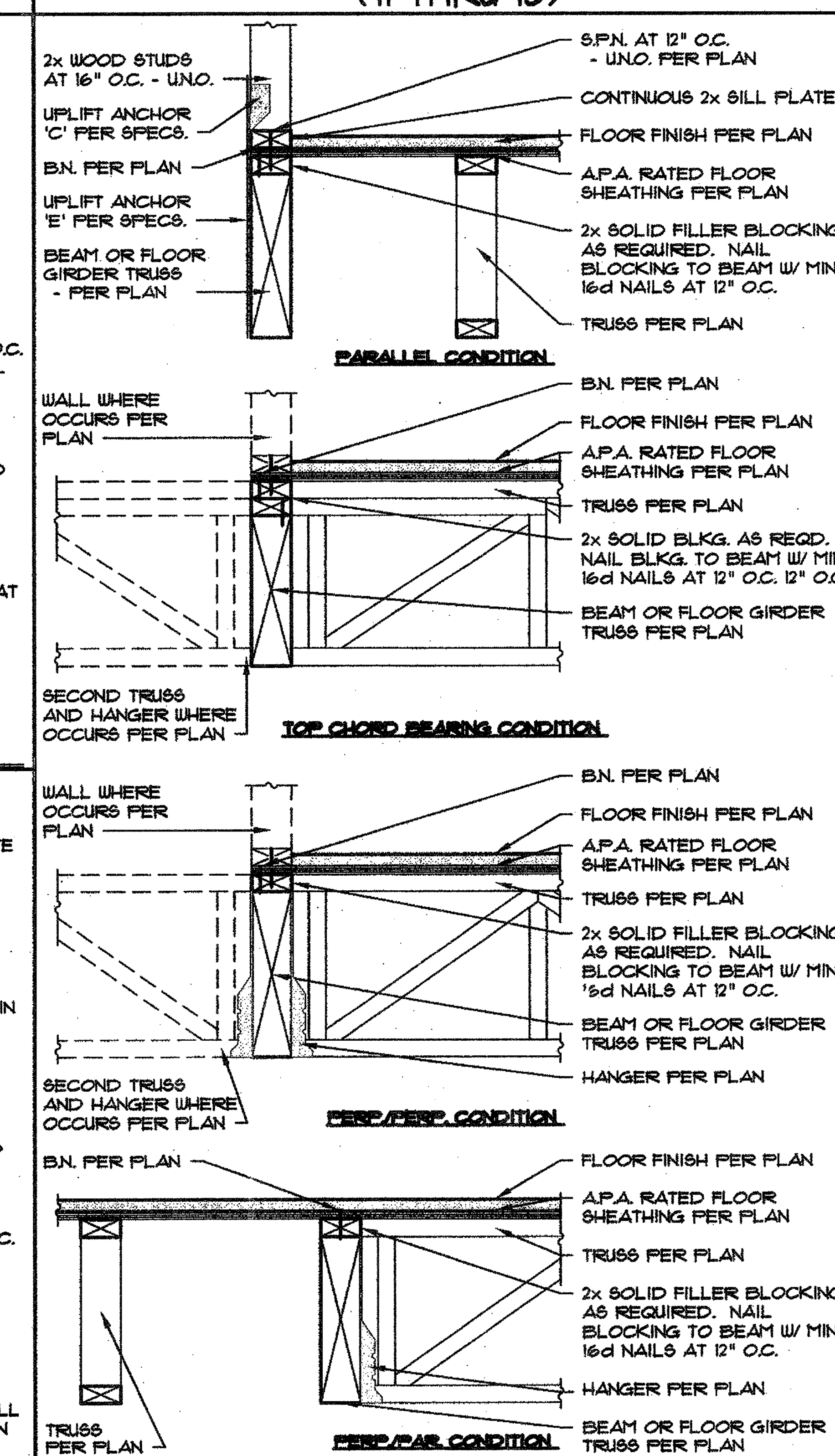
(21 THRU 25) | (16 THRU 20) | (11 THRU 15) | (6 THRU 10) | (1 THRU 5)



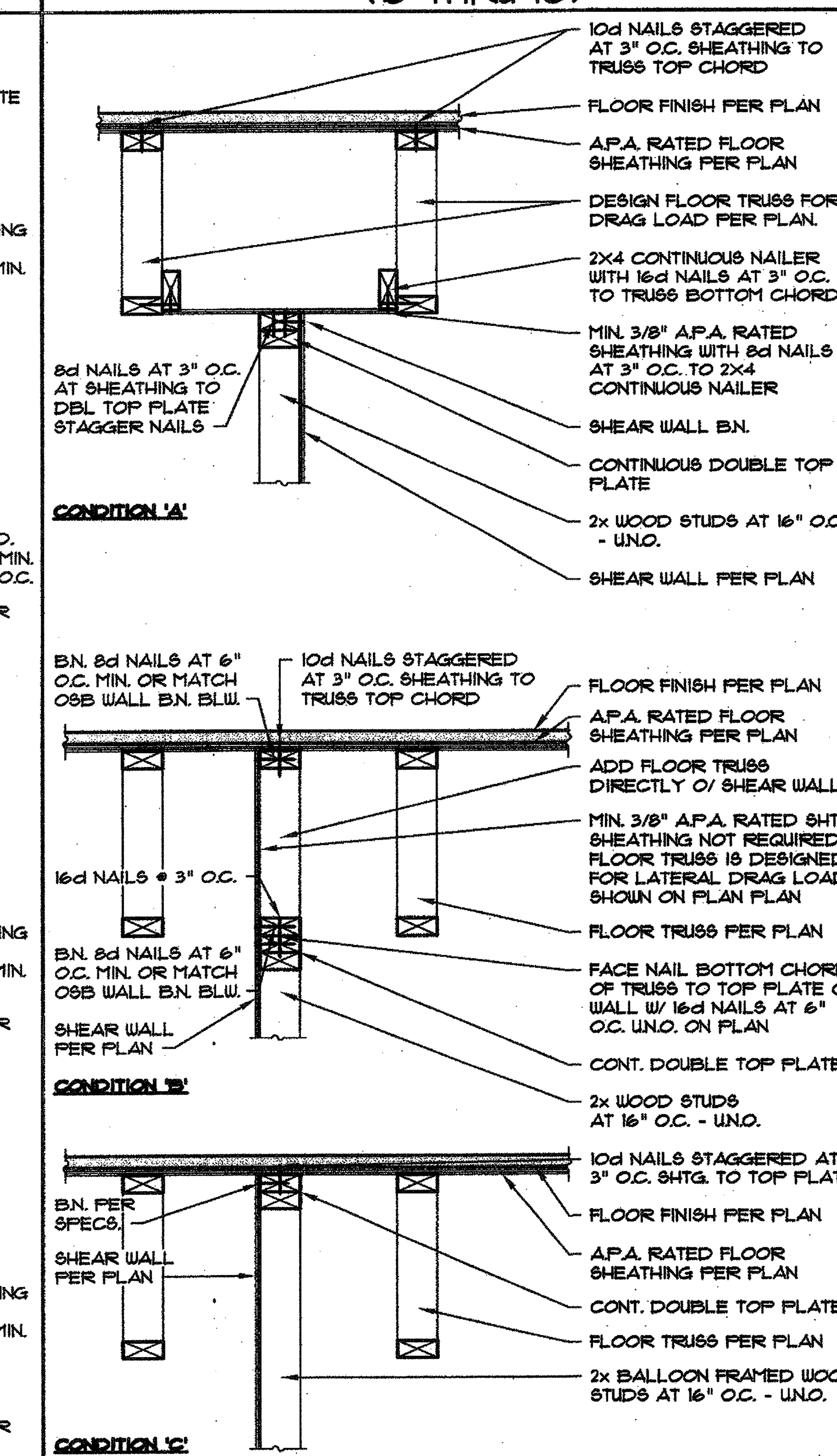
BLOCKING PANEL — SCALE: 1" = 1'-0" © R02-16-04 BAI BAI NO.: WOGNI9AZ — 21



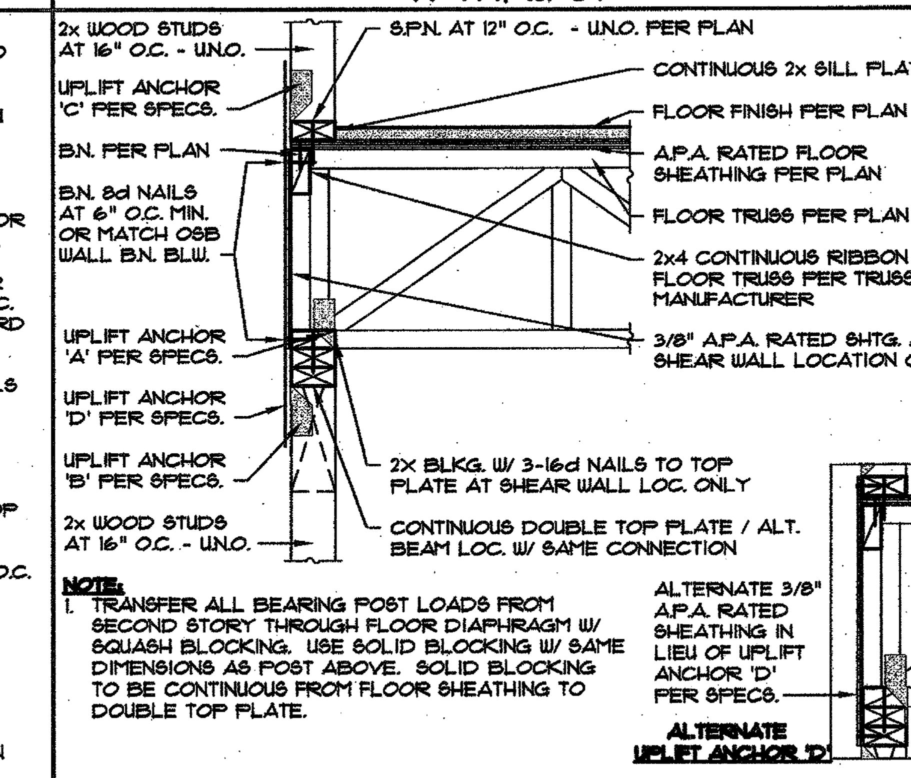
CONNECTION RAFTER TO BEAM AT WALK DECK — SCALE: 1" = 1'-0" © R10-29-03 BAI BAI NO.: WCR636AZ — 16



CONNECTION AT FLUSH BEAM/HANGER — SCALE: 1" = 1'-0" © R10-28-04 BAI BAI NO.: WCF645AZ — 11

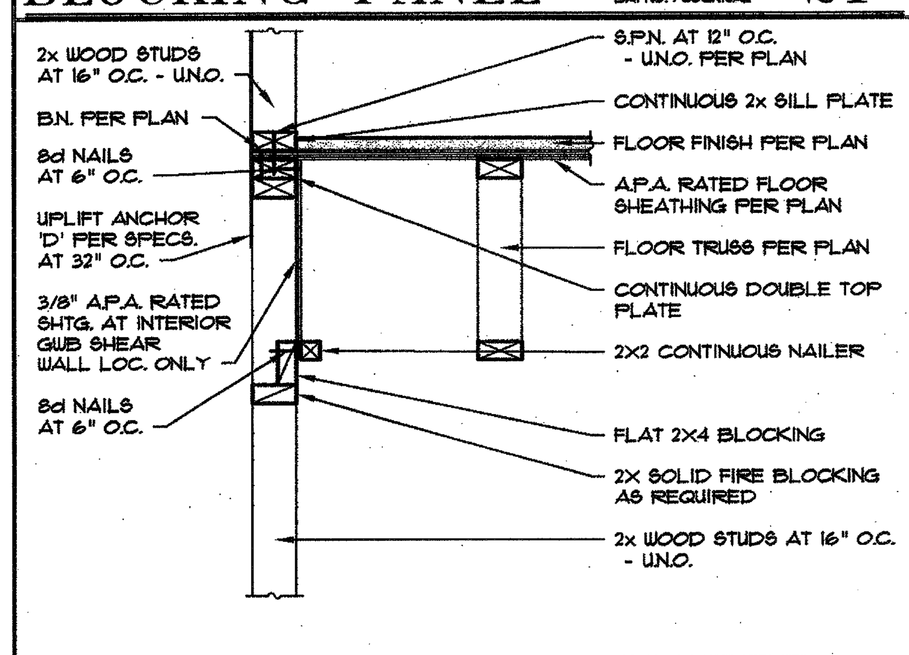


SHEAR WALLS AT LOWER SHEAR WALL — SCALE: 1" = 1'-0" © R10-28-04 BAI BAI NO.: WOF641AZ — 6



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.

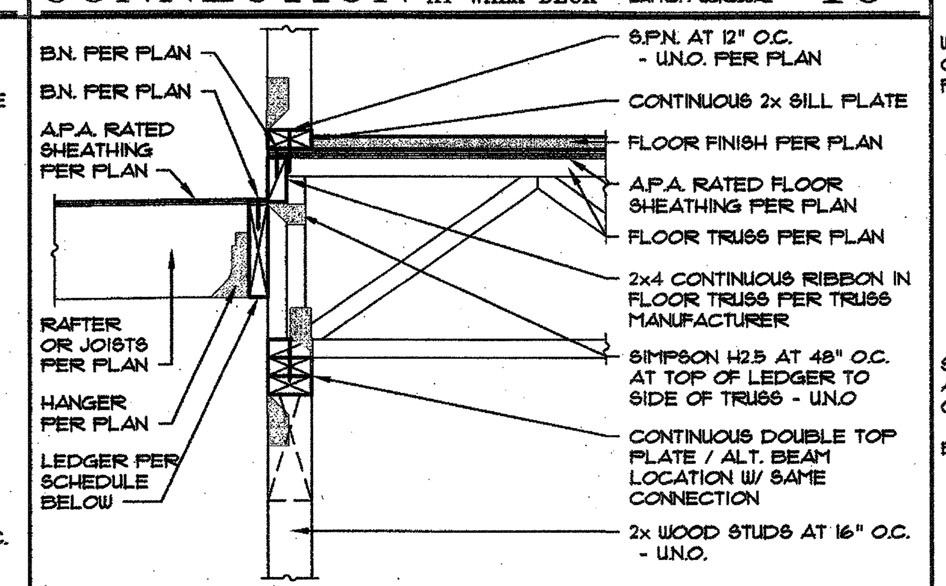
RIM EXTERIOR WALL PERPENDICULAR — SCALE: 1" = 1'-0" © R01-12-05 BAI BAI NO.: WOF603AZ — 1



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" © R10-28-04 BAI BAI NO.: WOF601AZ — 22

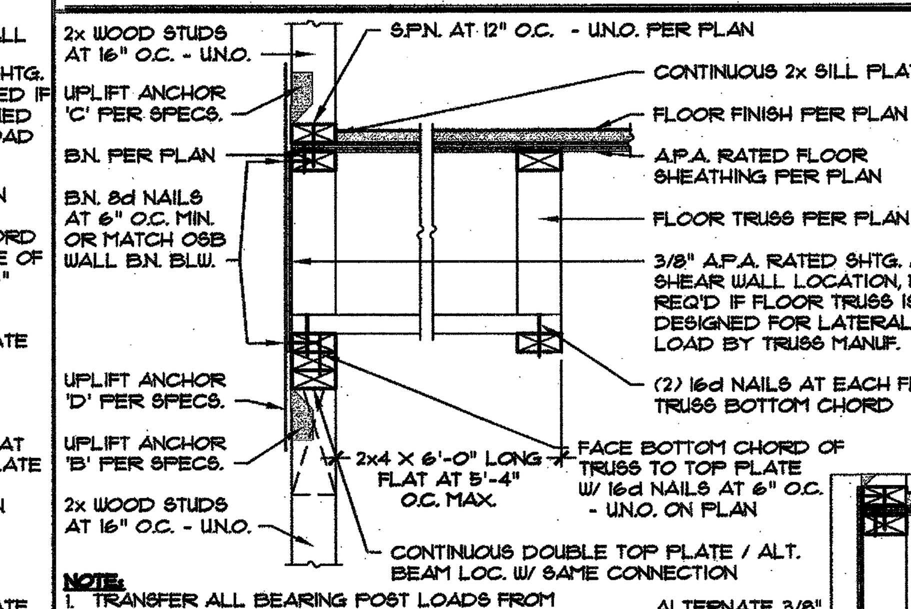


LEDGER SIZE AND CONNECTION

RAFTER SPAN	ROOF	DECK
0'-0" - 10'-0"	2X6 CONT. WOOD LEDGER W/ (4) 16d NAILS AT EACH TRUSS	2X8 CONT. WOOD LEDGER W/ (5) 16d NAILS AT EACH TRUSS
10'-1" - 13'-0"	2X8 CONT. WOOD LEDGER W/ (5) 16d NAILS AT EACH TRUSS W/ (1) SIMPSON A35 AT 48" O.C.	2X8 CONT. WOOD LEDGER W/ (5) 16d NAILS AT EACH TRUSS W/ 1 SIMPSON A35 AT 24" O.C.
13'-1" - 15'-0" MAX.	2X8 CONT. WOOD LEDGER W/ (5) 16d NAILS AT EACH TRUSS W/ (1) SIMPSON A35 AT EA. TRUSS	N/A

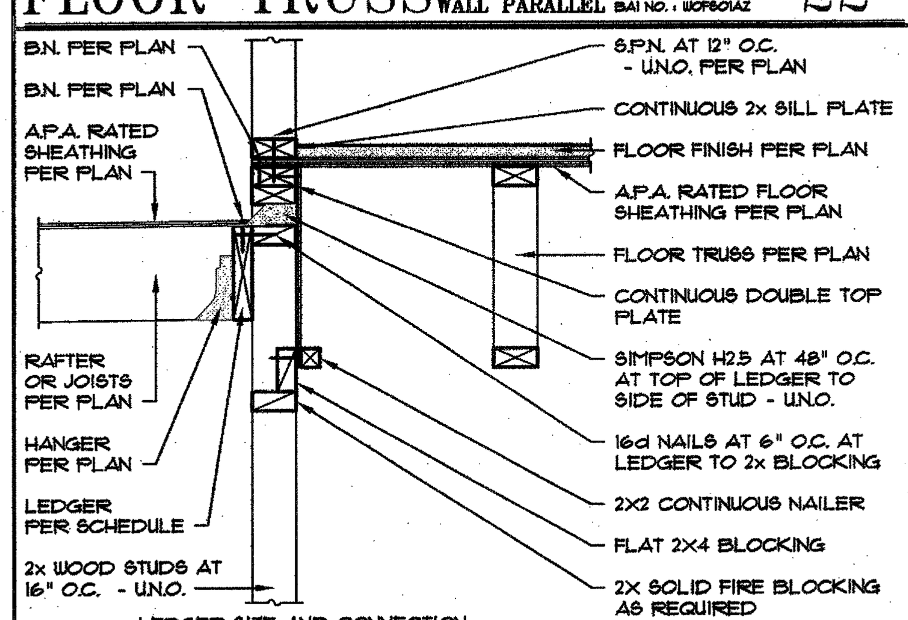
NOTE: REFER TO 1/SD5.0 FOR FLOOR TRUSS TO WALL CONNECTION INFORMATION NOT SHOWN ON DETAIL.

FLOOR TRUSS AT LEDGER AT PAR. RAFTER — SCALE: 1" = 1'-0" © R10-28-04 BAI BAI NO.: WOF649AZ — 17



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.

RIM AT EXTERIOR WALL PARALLEL — SCALE: 1" = 1'-0" © R01-12-05 BAI BAI NO.: WOF602AZ — 2

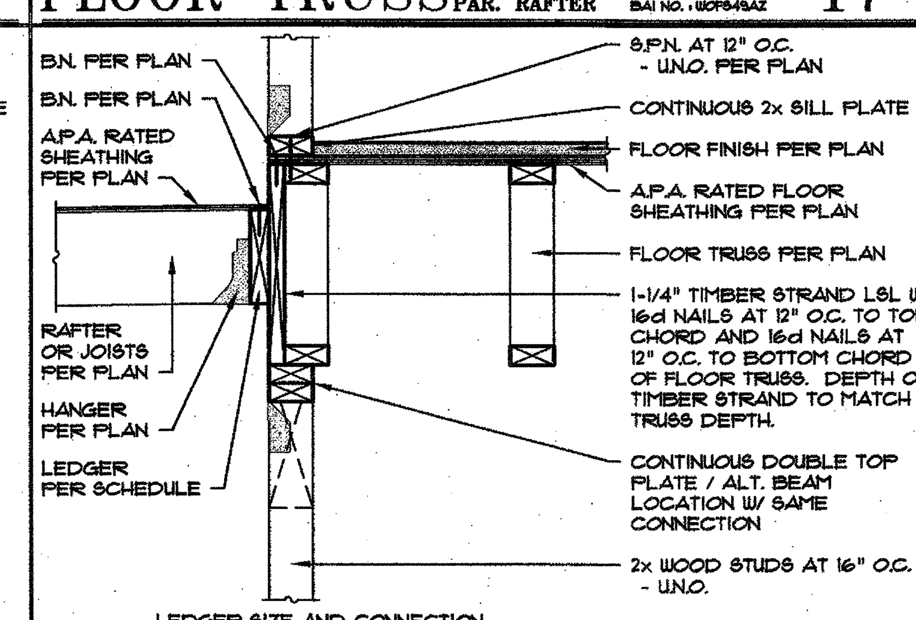


LEDGER SIZE AND CONNECTION

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. SIMPSON A35 AT 32" O.C.
10'-1" - 13'-0"	2X8 CONT. WOOD LEDGER W/ [illegible] SIMPSON A35 AT 32" O.C.	2X8 CONT. WOOD LEDGER W/ (5) 16d NAILS VERT. AT 16" O.C. SIMPSON A35 AT 16" O.C.
13'-1" - 15'-0" MAX.	2X8 CONT. WOOD LEDGER W/ (5) 16d NAILS VERT. AT 16" O.C. SIMPSON A35 AT 16" O.C.	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" © R10-28-04 BAI BAI NO.: WOF631AZ — 23

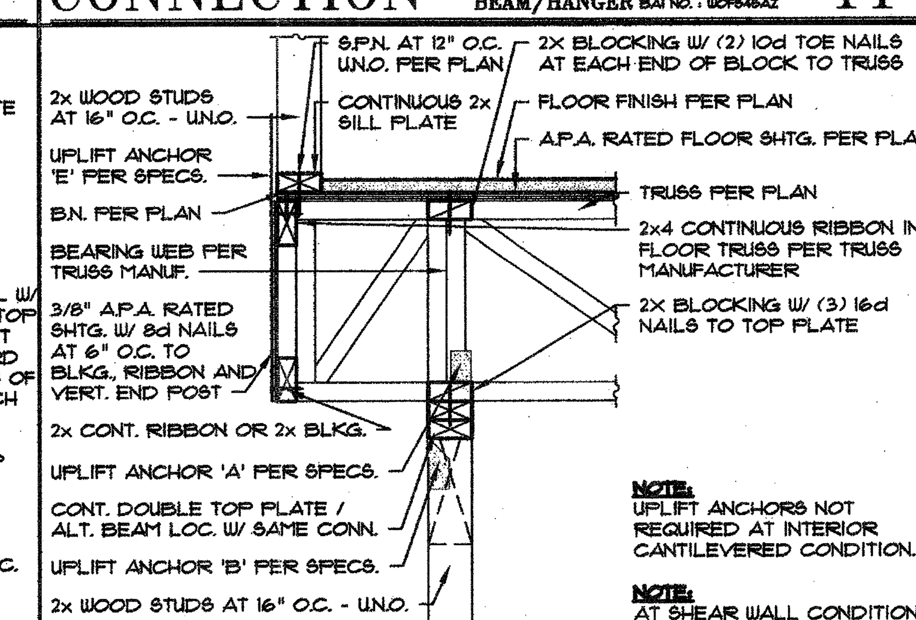


LEDGER SIZE AND CONNECTION

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" - 13'-0"	2X8 CONT. WOOD LEDGER W/ (5) 16d NAILS VERT. AT 16" O.C. 1/2" DIA. LAG BOLTS AT 32" O.C.	2X8 CONT. WOOD LEDGER W/ (5) 16d NAILS VERT. AT 16" O.C. 1/2" DIA. LAG BOLTS AT 24" O.C.
13'-1" - 15'-0" MAX.	2X8 CONT. WOOD LEDGER W/ (5) 16d NAILS VERT. AT 16" O.C. 1/2" DIA. LAG BOLTS AT 12" 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.

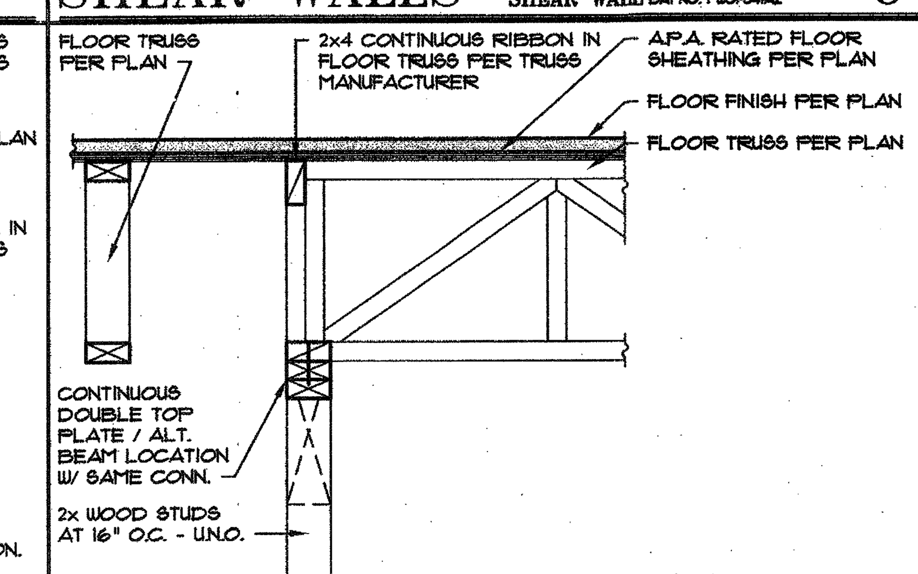
FLOOR TRUSS AT LEDGER AT PERP. RAFTER — SCALE: 1" = 1'-0" © R10-28-04 BAI BAI NO.: WOF630AZ — 18



NOTE:
UPLIFT ANCHORS NOT REQUIRED AT INTERIOR CANTILEVERED CONDITION.

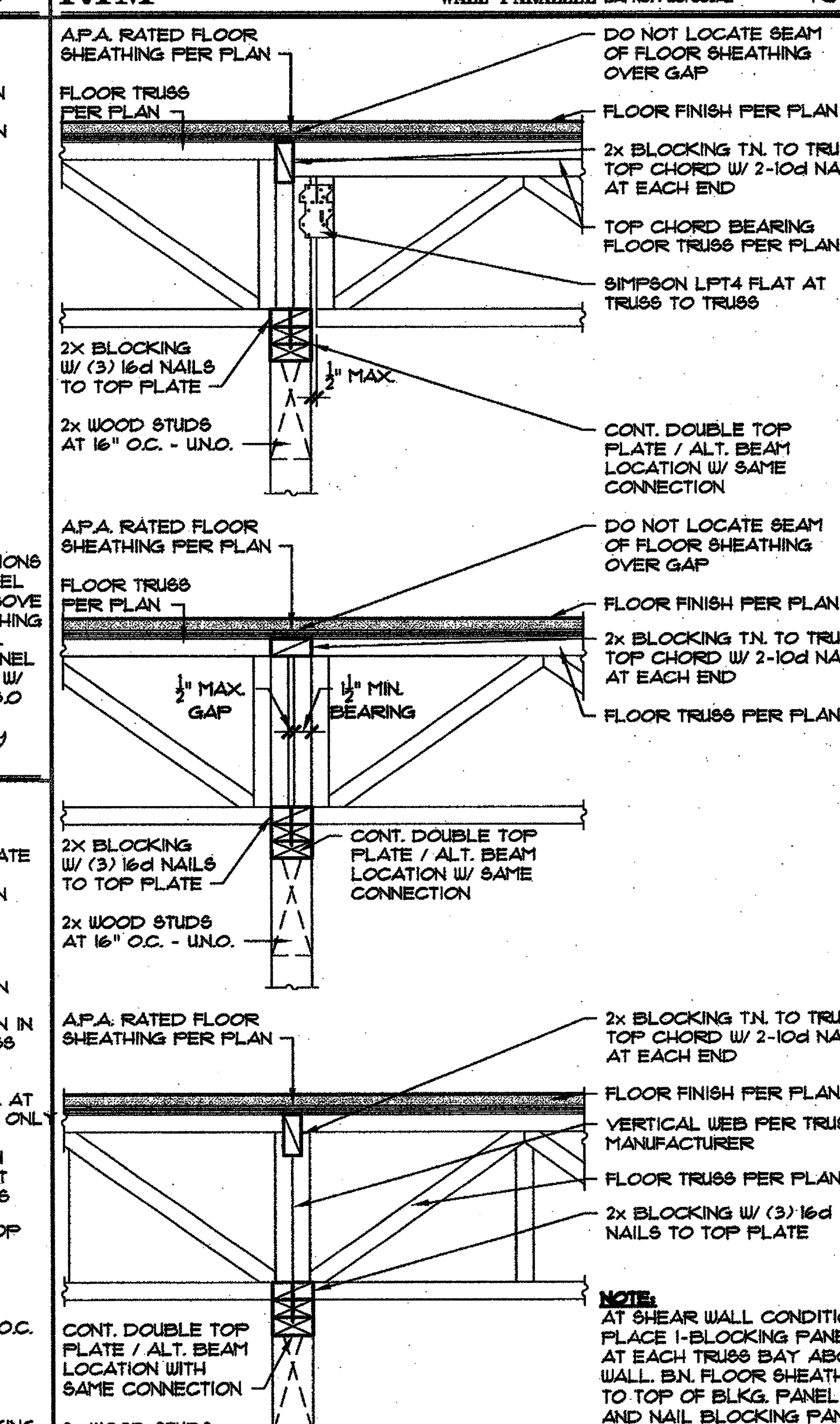
NOTE:
AT SHEAR WALL CONDITIONS PLACE 1-BLOCKING PANEL AT EACH TRUSS BAY ABOVE WALL. B.N. FLOOR SHEATHING TO TOP OF BLKG. PANEL AND NAIL BLOCKING PANEL TO TOP PLATE OF WALL W/ 3-16d NAILS. SEE 21/SD5.0

CANT. SUPPORT AT EXT. WALL — SCALE: 1" = 1'-0" © R10-28-04 BAI BAI NO.: WOF622AZ — 12



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

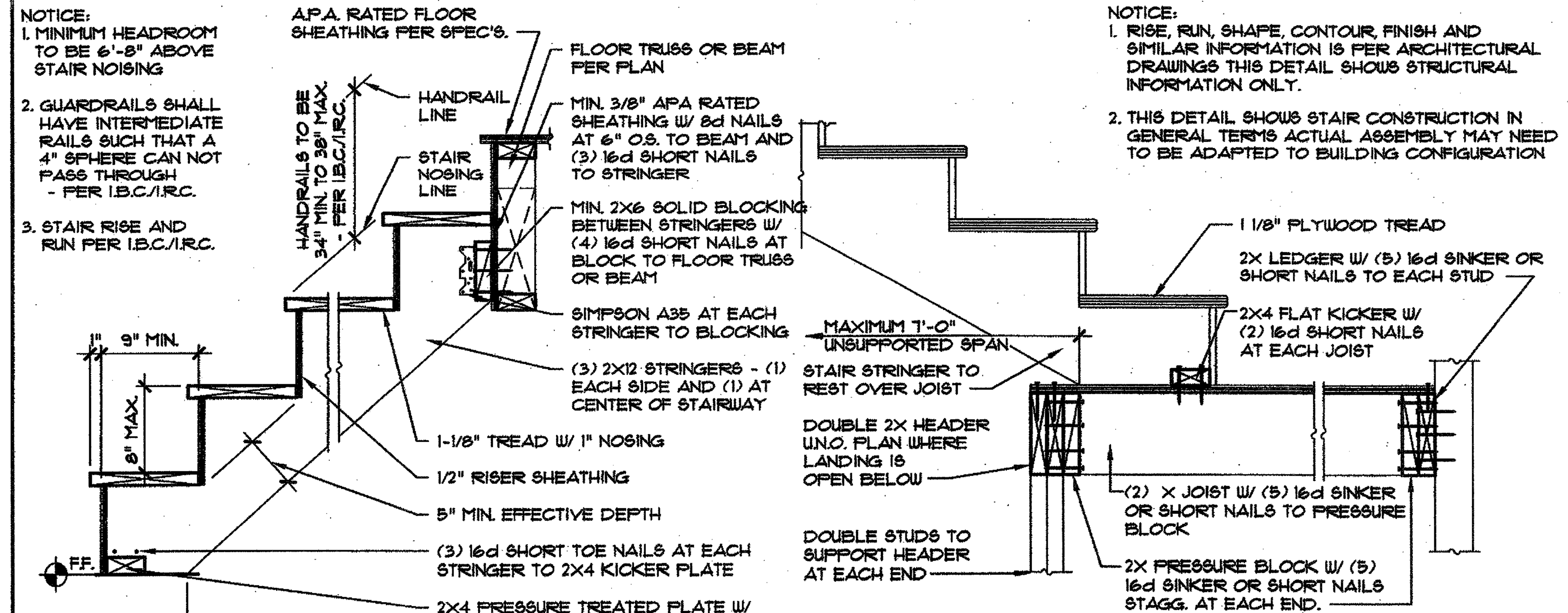
INT. SUPPORT PERP. / PAR. TO WALL — SCALE: 1" = 1'-0" © R10-28-04 BAI BAI NO.: WOF619AZ — 7



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

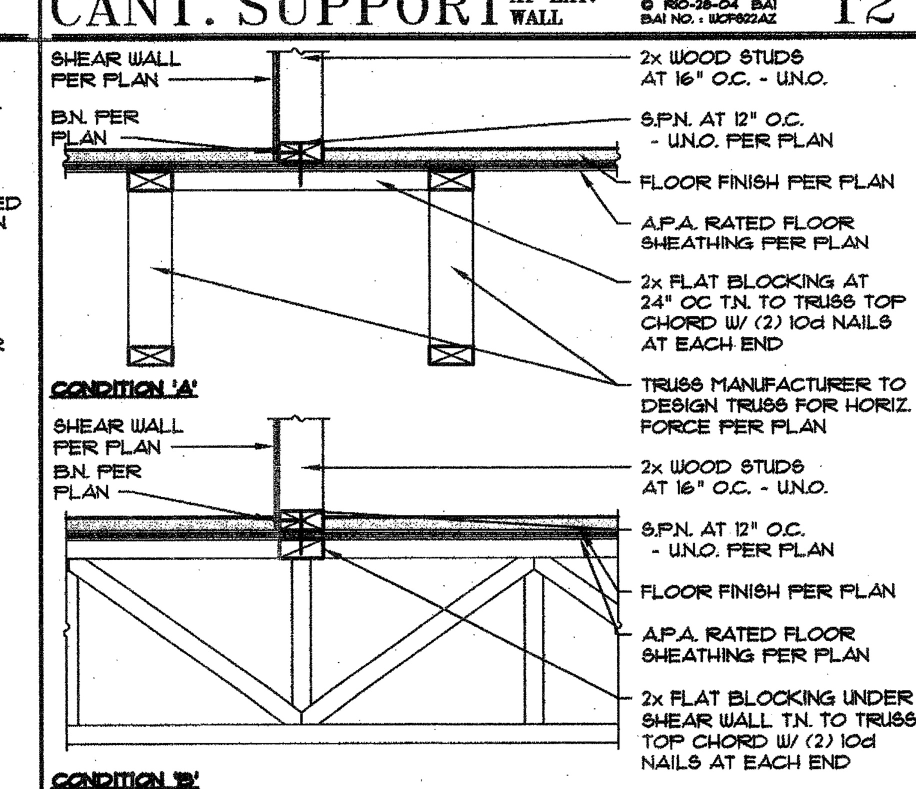
INT. SUPPORT PERP. TO WALL — SCALE: 1" = 1'-0" © R10-28-04 BAI BAI NO.: WOF616AZ — 3

NOTICE:
1. MINIMUM HEADROOM TO BE 6'-8" ABOVE STAIR NOISING
2. GUARDRAILS SHALL HAVE INTERMEDIATE RAILS SUCH THAT A 4" SPHERE CAN NOT PASS THROUGH - PER I.B.C./I.R.C.
3. STAIR RISE AND RUN PER I.B.C./I.R.C.

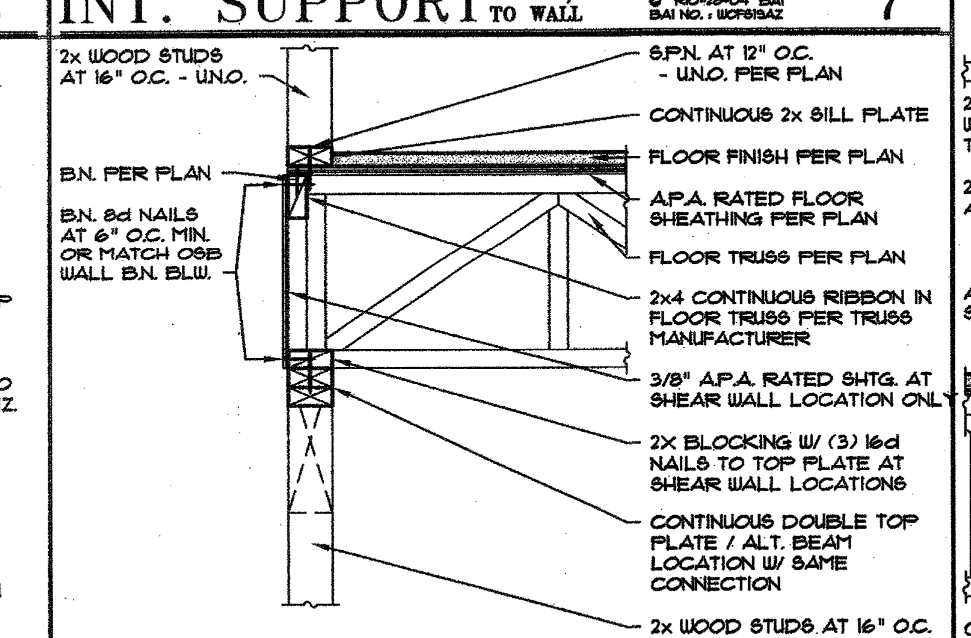


NOTICE:
1. RISE, RUN, SHAPE, CONTOUR, FINISH AND SIMILAR INFORMATION IS PER ARCHITECTURAL DRAWINGS THIS DETAIL SHOWS STRUCTURAL INFORMATION ONLY.
2. THIS DETAIL SHOWS STAIR CONSTRUCTION IN GENERAL TERMS ACTUAL ASSEMBLY MAY NEED TO BE ADAPTED TO BUILDING CONFIGURATION

STAIR AND LANDING — SCALE: 1" = 1'-0" © 12-06-06 BAI BAI NO.: WSTR01AZ — 19



SHEAR WALLS AT UPPER SHEAR WALL — SCALE: 1" = 1'-0" © R10-28-04 BAI BAI NO.: WOF638AZ — 14



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.: WOF606AZ — 8

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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:
Registered Professional Engineer (Civil) — CERTIFICATE NO. 35750 — MICHAEL ERIC WILLIS — Date Signed 3/29/07 — ARIZONA, U.S.A.

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Email: steved@borm.com
-For scheduling site observation and for field changes contact the Construction Administrator:
Alissa Engelby
Telephone: (623) 869-0607 ext. 232
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FILE NO: 12564
CAD NO.: 12564 SD5-0
DRAWN BY: KER
ENGINEER: HI
SCALE: 1/4" = 1'-0"
SHT NO. SD5.0