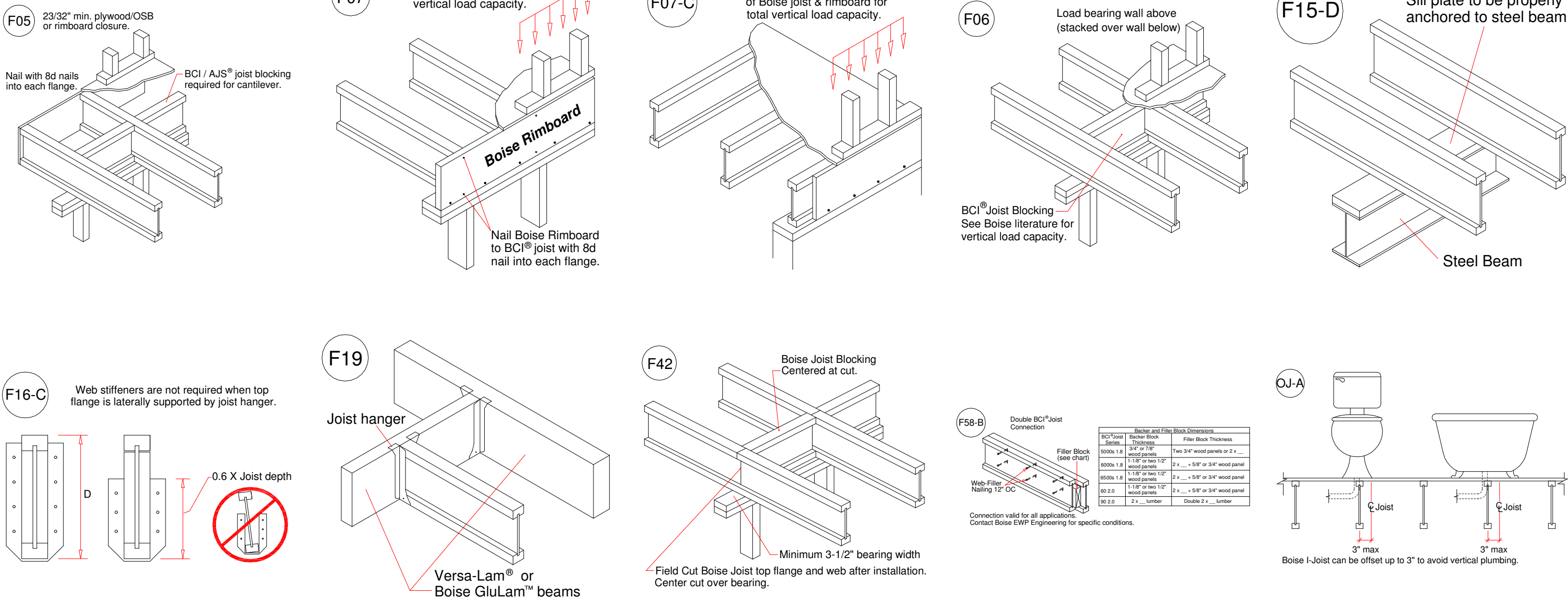
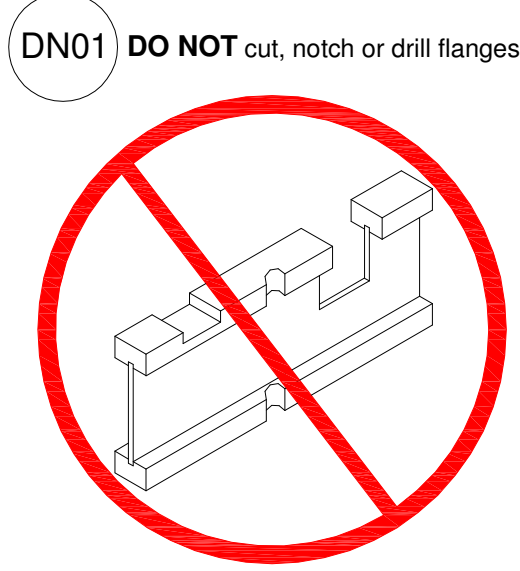
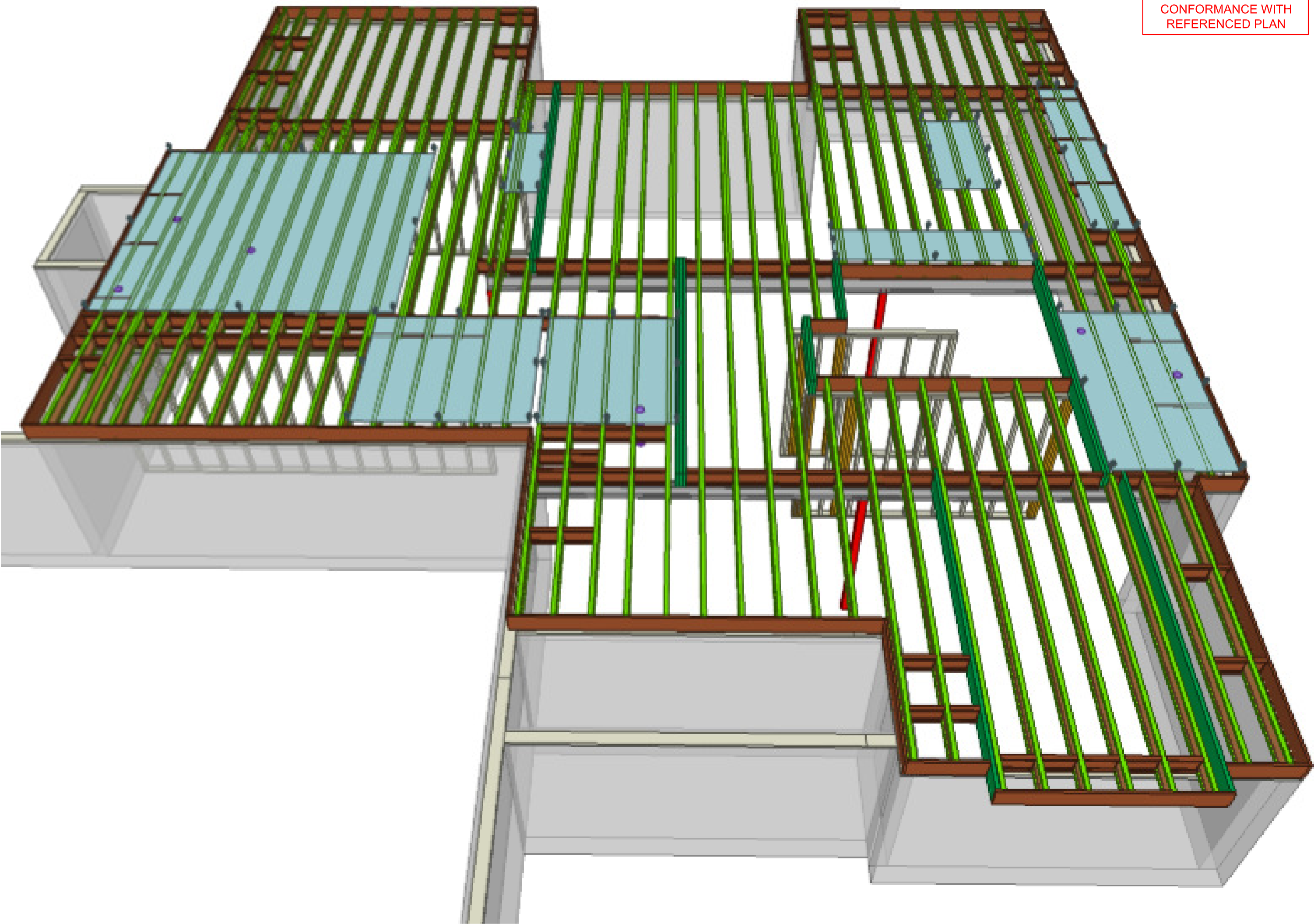


RELEASE FOR CONSTRUCTION  
AS NOTED ON PLANS REVIEW  
DEVELOPMENT SERVICES  
LEE'S SUMMIT, MISSOURI  
12/03/2024 11:18:01

Products				
PlotID	Net Qty	Product	Length	Plies
J1-16" O.C.	1	9-1/2" BCI® 5000s-1.8	40' 0"	1
J2-16" O.C.	9	9-1/2" BCI® 5000s-1.8	38' 0"	1
J3-16" O.C.	12	9-1/2" BCI® 5000s-1.8	36' 0"	1
J4-16" O.C.	1	9-1/2" BCI® 5000s-1.8	28' 0"	1
J5-16" O.C.	12	9-1/2" BCI® 5000s-1.8	26' 0"	1
J6-16" O.C.	1	9-1/2" BCI® 5000s-1.8	22' 0"	1
J7-16" O.C.	7	9-1/2" BCI® 5000s-1.8	20' 0"	1
J8-16" O.C.	28	9-1/2" BCI® 5000s-1.8	18' 0"	1
J9-16" O.C.	2	9-1/2" BCI® 5000s-1.8	14' 0"	1
J10-16" O.C.	1	9-1/2" BCI® 5000s-1.8	12' 0"	1
B1-2	2	1-3/4" x 9-1/2" VERSA-LAM® 2.0 3100 SP	18' 0"	2
B2	2	1-3/4" x 9-1/2" VERSA-LAM® 2.0 3100 SP	14' 0"	1
B3-2	2	1-3/4" x 9-1/2" VERSA-LAM® 2.0 3100 SP	14' 0"	2
B4-3	3	1-3/4" x 9-1/2" VERSA-LAM® 2.0 3100 SP	14' 0"	3
B5-2	4	1-3/4" x 9-1/2" VERSA-LAM® 2.0 3100 SP	6' 0"	2
Ca1	20	1-1/8" x 9-1/2" BC RIM BOARD OSB	12' 0"	1
Bk1	163	9-1/2" BCI® 5000s-1.8	2' 0"	1



Revisions:BY:

Boise Cascade

MIDWEST LUMBER

SALES PRESENTATION DRAWING  
No structural or dimensional check has been made of this design drawings of the building, therefore purchaser is to check and approve all dimensions, quantities, loads, and details carefully. This drawing has not been check by Boise Engineering.

NOTE:  
ALL MEASUREMENTS  
TO BE VERIFIED  
IN THE FIELD.

MIDWEST LUMBER  
LOT 81 Summit View  
Farms  
Boise Cascade  
N/A

BC FRAMER

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

Date: 08/09/2024

By: MiTek

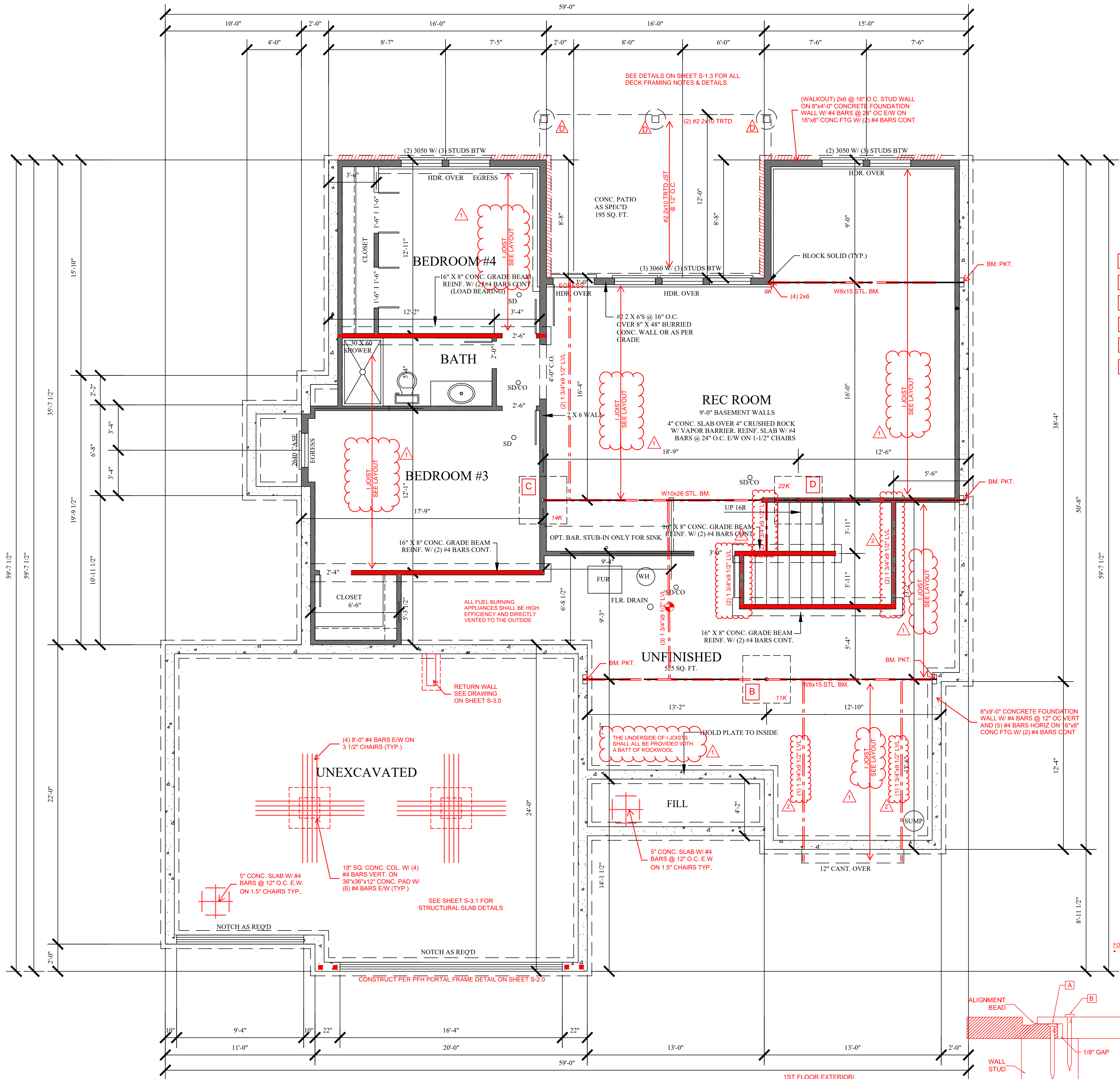
File: Lot 81 Summit View  
Farms

DWG:

Sheet: 1/

RELEASE FOR CONSTRUCTION  
AS NOTED ON PLANS REVIEW  
DEVELOPMENT SERVICES  
LEE'S SUMMIT, MISSOURI  
12/03/2024 11:04:29





# BASEMENT PLAN

1/4" = 1'-0" 1054 FIN. SQ. FT.

NOTE: THE CONTRACTOR IS RESPONSIBLE TO INSURE THAT THIS STRUCTURE IS BUILT IN STRICT COMPLIANCE WITH ALL GOVERNING CODES (COUNTY, STATE, & FED.). ALL CONSTRUCTION TO MEET 2018 IRC AND LOCAL BUILDING PRACTICES. ANY DEVIATION FROM PLANS MUST BE APPROVED BY OWNER PRIOR TO EXECUTION. STEWART BUILDERS OR AFFILIATES OR ASSIGNS SHALL NOT BE LIABLE FOR STRUCTURAL DESIGN OR FUNCTION OF THESE HOUSE PLANS.

CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS AND JOB SITE CONDITIONS PRIOR TO CONSTRUCTION.

## DECK PIER SCHEDULE

- MIN. 6X6 TRTD/CDR POST ON 12" CONC PIER WITH USP PAU 66 BASE OR = (1177R MAX)
- MIN. 6X6 TRTD/CDR POST ON 16" CONC PIER WITH USP PAU 66 BASE OR = (2050R MAX)
- MIN. 6X6 TRTD/CDR POST ON 18" CONC PIER WITH USP PAU 66 BASE OR = (2348R MAX)
- MIN. 6X6 TRTD/CDR POST ON 24" CONC PIER WITH USP PAU 66 BASE OR = (4710R MAX)

PIERS TO TERMINATE ON ORIGINAL SOIL OF 1500 PSF MINIMUM BEARING. PIERS TO TERMINATE AT A POINT 36" MINIMUM BELOW FINISH GRADE. POST ARE NOT TO EXCEED AN UNBRACED LENGTH OF 12' WITHOUT CONTACTING HD ENGINEERING FOR GUIDANCE.

## COLUMN PAD SCHEDULE

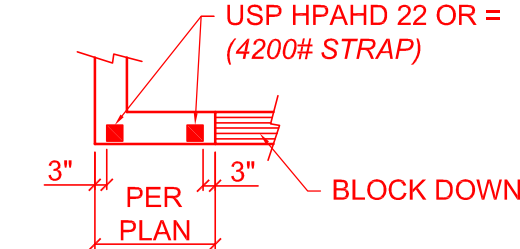
- |   |   |
|---|---|
| A | 3" SCH. 40 STL. COL. ON 30"x30"x12" CONC. PAD W/ (5) #4 BARS E.W. (9.4K MAX.)       |
| B | 3" SCH. 40 STL. COL. ON 36"x36"x12" CONC. PAD W/ (6) #4 BARS E.W. (13.5K MAX.)      |
| C | 3" SCH. 40 STL. COL. ON 42"x42"x12" CONC. PAD W/ (7) #4 BARS E.W. (18.4K MAX.)      |
| D | 3 1/2" SCH. 40 STL. COL. ON 48"x48"x12" CONC. PAD W/ (8) #4 BARS E.W. (24K MAX.)    |
| E | 3 1/2" SCH. 40 STL. COL. ON 54"x54"x16" CONC. PAD W/ (9) #4 BARS E.W. (30.4K MAX.)  |
| F | 3 1/2" SCH. 40 STL. COL. ON 60"x60"x16" CONC. PAD W/ (10) #4 BARS E.W. (37.5K MAX.) |

NOTES:  
1. COLUMN AND PIER PAD SIZES SHOWN ARE FOR MAX. COLUMN HEIGHT OF 10'-0" TALL.  
2. COLUMN AND PIER PAD SIZES SHOWN ARE BASED ON AN ASSUMED 1500 PSF. THIS IS THE CAPACITY REQUIRED BY AHJ. UNDERLINED GENERAL NOTES ON S-1.0 FOR MORE DETAILS.  
3. ALL STEEL COLUMNS SHALL BE ISOLATED FROM SLABS WITH APPROVED ISOLATION DEVICE OR JOINT.

## GENERAL NOTES:

- WINDOW SHALL HAVE FALL PROTECTION PER IRC 312.2.4
- HOUSE WILL BE PROVIDED WITH A "UFER" GROUND PER IRC SECTION 3608.1.5
- OVERHEAD GARAGE DOORS MUST MEET DASHA REQUIREMENTS SEE DETAIL SHEET S-1.0
- ALL HEADERS NOT LABELED SHALL BE MIN (2) #2-2X10 DFL
- DBL ALL 1ST UNDER ISLAND
- SOILS IN THIS AREA COMMONLY HAVE A VERY HIGH SHRINK SWELL CAPACITY. OUR FIRM RECOMMENDS ALL SITES BE EVALUATED BY A GEOTECHNICAL FIRM PRIOR TO PLACEMENT OF FOUNDATIONS
- PROVIDE CARBON MONOXIDE AND SMOKE DETECTORS PER IRC REQUIREMENTS
- ANY PORTION OF THESE PRINTS ISSUED WITHOUT A MIN. OF S-1.0 - S-4.0 SHALL NOT BE CONSIDERED A COMPLETE SET OF CONSTRUCTION DOCUMENTS
- ICE AND WATER SHIELD AS REQUIRED PER IRC

## TYPICAL TIE DOWN AT NARROW WALL



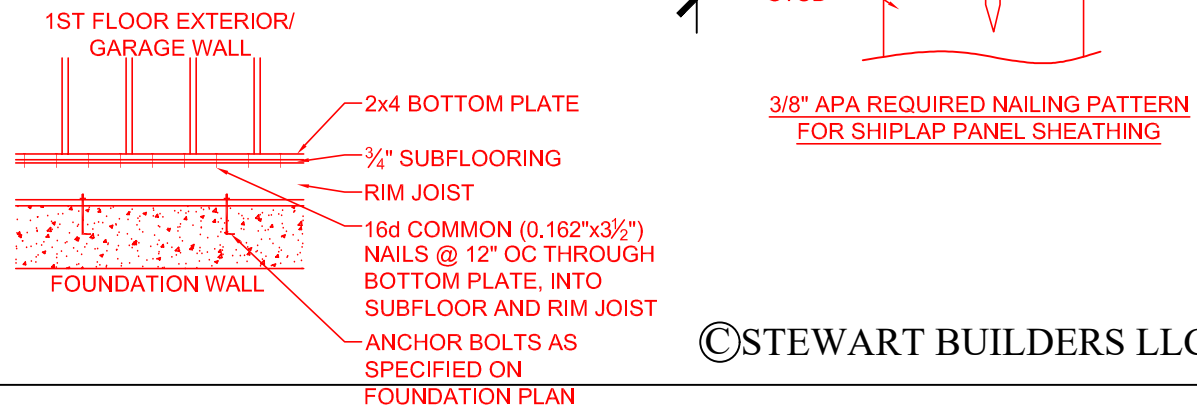
BRACED WALLS:  
SEE CALCULATIONS ON SHEET S-2.0, PER ASCET-10 REQUIREMENTS AS ALLOWED BY IRC 2018 R301.2.1

ALL EXTERIOR WALLS SHALL BE SHEATHED PER ANY ONE OF THE FOLLOWING OPTIONS:  
-7/16" APA-RATED PLYWOOD/OSB WITH 8d NAILS @ 6" O.C. AT EDGES AND @ 12" O.C. IN THE FIELD  
-7/16" SHIPLAP PANEL SHEATHING (I.E. LP SMARTSIDE OR EQUIVALENT) WITH 8d NAILS @ 6" O.C. AT EDGES AND @ 12" O.C. IN THE FIELD  
-3/8" SHIPLAP PANEL SHEATHING (I.E. LP SMARTSIDE OR EQUIVALENT) WITH 6d NAILS @ 4" O.C. AT EDGES AND @ 12" O.C. IN THE FIELD

INTERIOR BRACED WALL LOCATIONS ONLY SHOWN WHEN REQUIRED BY ADDITIONAL BRACING SECTION OF CALCULATIONS ON SHEET S-2.0

FOUNDATION ANCHORING NOTES  
MIN. 1/2" ANCHOR BOLTS SHALL BE INSTALLED @ 36" O.C. MAX AND WITHIN 8"-12" FROM THE END OF EACH SECTION OF SILL PLATE ALONG ENTIRE PERIMETER OF FOUNDATION

NAILING WITH SPACING AS SPECIFIED PER PLAN. FOR EXAMPLE, IF REQUIRED SPACING IS 4" O.C., BOTTOM LAP SHALL FIRST BE NAILED AT 4" O.C. (NAIL "A"), THEN FULL DEPTH SECTION OF OVERLAP PANEL SHALL BE NAILED @ 4" O.C. (NAIL "B")



©STEWART BUILDERS LLC 2022

## STEWART BUILDERS, LLC

PHONE: (816) 510-7850

"NOT A REGISTERED ARCHITECT"

PLAN: LOT 81 - SUMMIT VIEW FARMS

DATE: 7-12-2022

PAGE: 2 OF 4

RELEASE FOR CONSTRUCTION  
AS NOTED ON PLANS REVIEW  
DEVELOPMENT SERVICES  
LEE'S SUMMIT, MISSOURI  
12/03/2024 11:04:29

STEWART BUILDERS  
LOT 81 - SUMMIT VIEW FARMS  
2315 SW SERENA PL., LESUMMITMIT, MO



STRUCTURAL REVIEW  
HDR#: 44350

THIS DOCUMENT CONTAINS UNREGISTERED MATERIAL AND CONFIDENTIAL INFORMATION BELONGING TO HD ENGINEERING & DESIGN, INC. UNAUTHORIZED USE, REPRODUCTION, OR DISSEMINATION OF ANY OF THE INFORMATION CONTAINED HEREIN MAY RESULT IN LIABILITY UNDER APPLICABLE LAW.

HD ENGINEERING & DESIGN, INC.  
1666 W. 79TH STREET  
SPAWANEA, MO 64154  
WWW.HDENGINEERS.COM  
913.531.3222  
SERVICE@HDENGINEERS.COM

