

REFER TO SHEET
D-1 FOR DETAILS

The floor plan shows a rectangular building with a central corridor and several rooms. Key features include:

- Structural Elements:**
 - Beams:** Labeled J4 @ 19.2", J6, J16 @ 19.2", J2 @ 19.2", and J7.
 - Columns:** Labeled DB7 (3 ply) and DB8 (3 ply).
 - Walls:** Labeled RIM1 and RIM2.
 - Load-Bearing Wall:** Indicated by a red dashed line and text "LOAD-BEARING WALL ABOVE".
- Rooms and Layouts:**
 - Top Left Room:** Contains a toilet and a sink. A red arrow points to the toilet with the text "SHIFT 3\"".
 - Top Right Room:** Contains a toilet and a sink.
 - Bottom Left Room:** Contains a large square area with an 'X' inside, possibly a pool or a large room.
 - Bottom Right Room:** Contains a large square area with an 'X' inside, possibly a pool or a large room.
 - Entrance Area:** Labeled "EXTRA UNDER GRANITE" and "J7".
- Annotations:**
 - 19.2" O.C. START LAYOUT SE EMPIEZA AQUI:** A red arrow pointing to the top left corner.
 - POINT LOAD FROM HEADER:** A red arrow pointing to a specific location on the J6 beam.
 - Dimensions:** Various dimensions are noted, such as "J4 @ 19.2\"", "J6", "J16 @ 19.2\"", "J2 @ 19.2\"", and "J7".

1st							
Joist							
Label	Description	Width	Depth	Qty	Plies	Pcs	Length
J1	BLI 40	2.5	14			2	5-0-0
J2	BLI 40	2.5	14			3	6-0-0
J3	BLI 40	2.5	14			1	7-0-0
J4	BLI 40	2.5	14			5	8-0-0
J5	BLI 40	2.5	14			2	17-0-0
J6	BLI 40	2.5	14			4	13-0-0
J7	BLI 40	2.5	14			8	26-0-0
J8	BLI 40	2.5	14			4	32-0-0
J16	BLI 40	2.5	14			17	25-0-0
J20	BLI 40	2.5	14			15	32-0-0
J21	BLI 40	2.5	14			3	32-0-0
B2	BLI 40	2.5	14	2	2	4	32-0-0

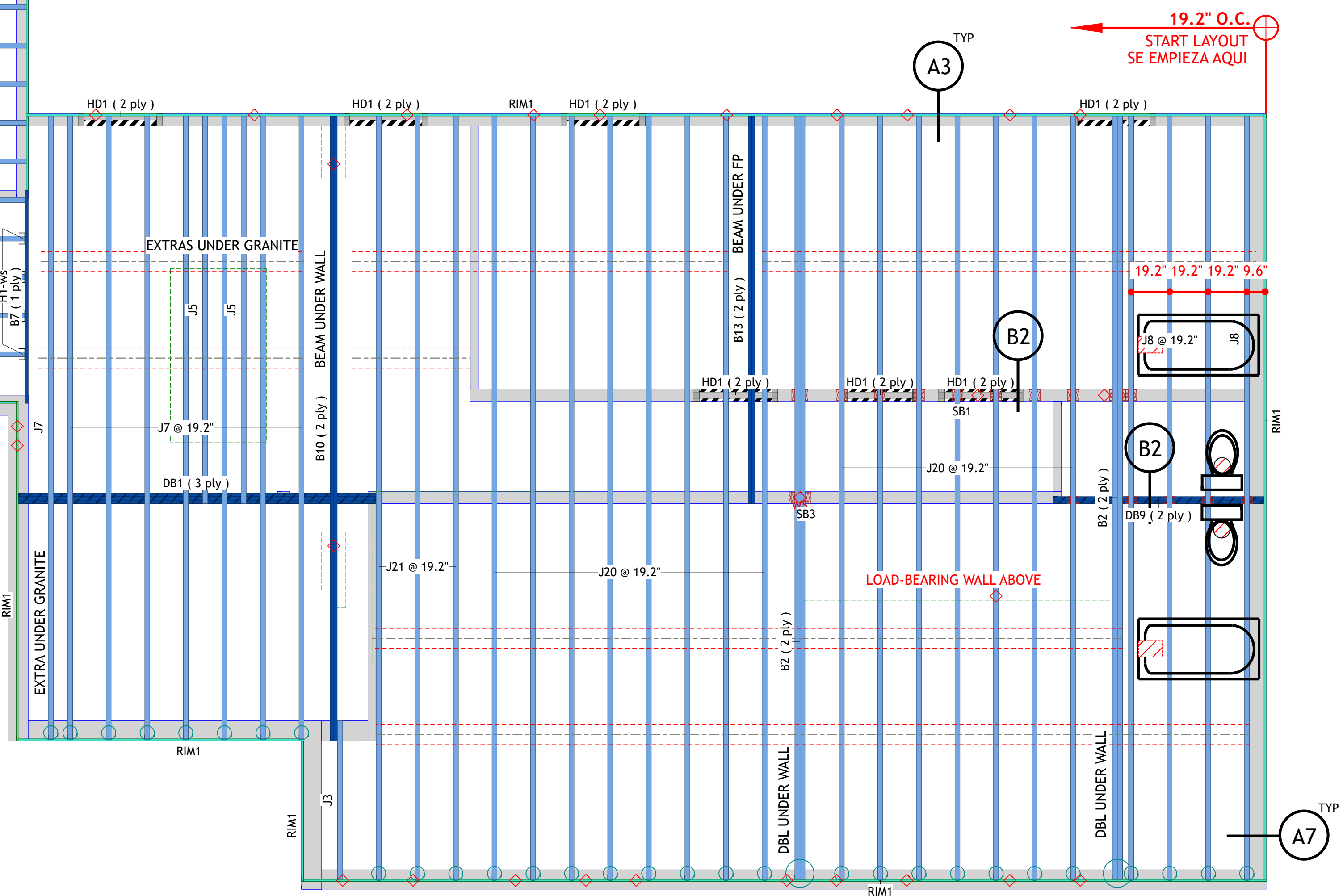
Label	Description	Width	Depth	Qty	Plies	Pcs	Length
DB1	onCENTER 2.1E LVL	1.75	9.5	1	3	3	15-0-0
DB7	onCENTER 2.1E LVL	1.75	9.5	1	3	3	11-0-0
DB8	onCENTER 2.1E LVL	1.75	9.5	1	3	3	20-0-0
DB9	onCENTER 2.1E LVL	1.75	9.5	1	2	2	9-0-0
B1	onCENTER 2.1E LVL	1.75	14			1	5-0-0
B7	onCENTER 2.1E LVL	1.75	14			1	9-0-0
B10	onCENTER 2.1E LVL	1.75	14	1	2	2	26-0-0
B13	onCENTER 2.1E LVL	1.75	14	1	2	2	17-0-0

Label	Description	Width	Depth	Qty	Plies	Pcs	Length
RIM1	BC Rim Board OSB 1 X 14	1	14			24	12-0-0

Hanger				
			Beam/Girder	Supported Member
Label	Pcs	Description	fasteners	fasteners
H1	6	1US2.56/14 (Max)	14 10dx1 1/2	2 10dx1 1/2

<u>Label</u>	<u>Description</u>	<u>Width</u>	<u>Depth</u>	<u>Qty</u>	<u>Plies</u>	<u>Pcs</u>	<u>Length</u>
HD1	SP #2	1.5	9.25	7	2	14	4-0-0

Squash Block				
Description	Width	Depth	Pcs	Length
SYP #2	2	4	10	1-2-1
SYP #2	2	6	24	1-2-1



GENERAL NOTES

DO NOT CUT PAINTED/LABELED END OF JOIST.

JOISTS SHOWN AS DOUBLES ARE SHIPPED INDIVIDUALLY TO BE ASSEMBLED (IF NEEDED) ON SITE.

LUMBER SHOWN ON LAYOUT IS FOR REFERENCE ONLY AND NOT SHIPPED WITH ENGINEERED WOOD PACKAGE.

BLOCKING (BK) AND 1 JOIST-RIM (A6) SENT IN RANDOM LENGTHS/SERIES TO BE CUT ON SITE.

WALLS SHOWN ARE LOAD-BEARING AND REQUIRE PROPER FOOTINGS.

CONSULT YOUR LOCAL CODE OFFICIAL FOR PORTAL WALL FRAMING.

INSTALL SOLID BLOCKING UNDER ALL LVL/LSL BEAMS.

ALWAYS VERIFY BLOCKING LOCATIONS WITH YOUR ROOF TRUSS PROVIDER.

MATERIAL LABELS ARE UNIQUE TO LAYOUT AND WILL ONLY MATCH LAYOUT SHIPPED WITH FLOOR SYSTEM

REFER TO DETAIL SHEET (D-1) AND INSTALLATION GUIDE PRIOR TO CONSTRUCTION

HANGER NOTES


ASSUME MIN. NAILING (ROUND HOLES ONLY) UNLESS NOTED OTHERWISE.

USE 16d COMMON NAILS ON ALL BEAM HANGERS. (HUS, HD, HHUS, HGUS, THD, THHD, ETC.)

INSTALL BACKER OR FILLER BLOCKS AS REQ'D TO PROVIDE SOLID NAILING OF HANGERS.

INSTALL WEB STIFFENERS AS REQ'D (WS).

NEVER MODIFY HANGERS IN FIELD.



CONTRACT LUMBER

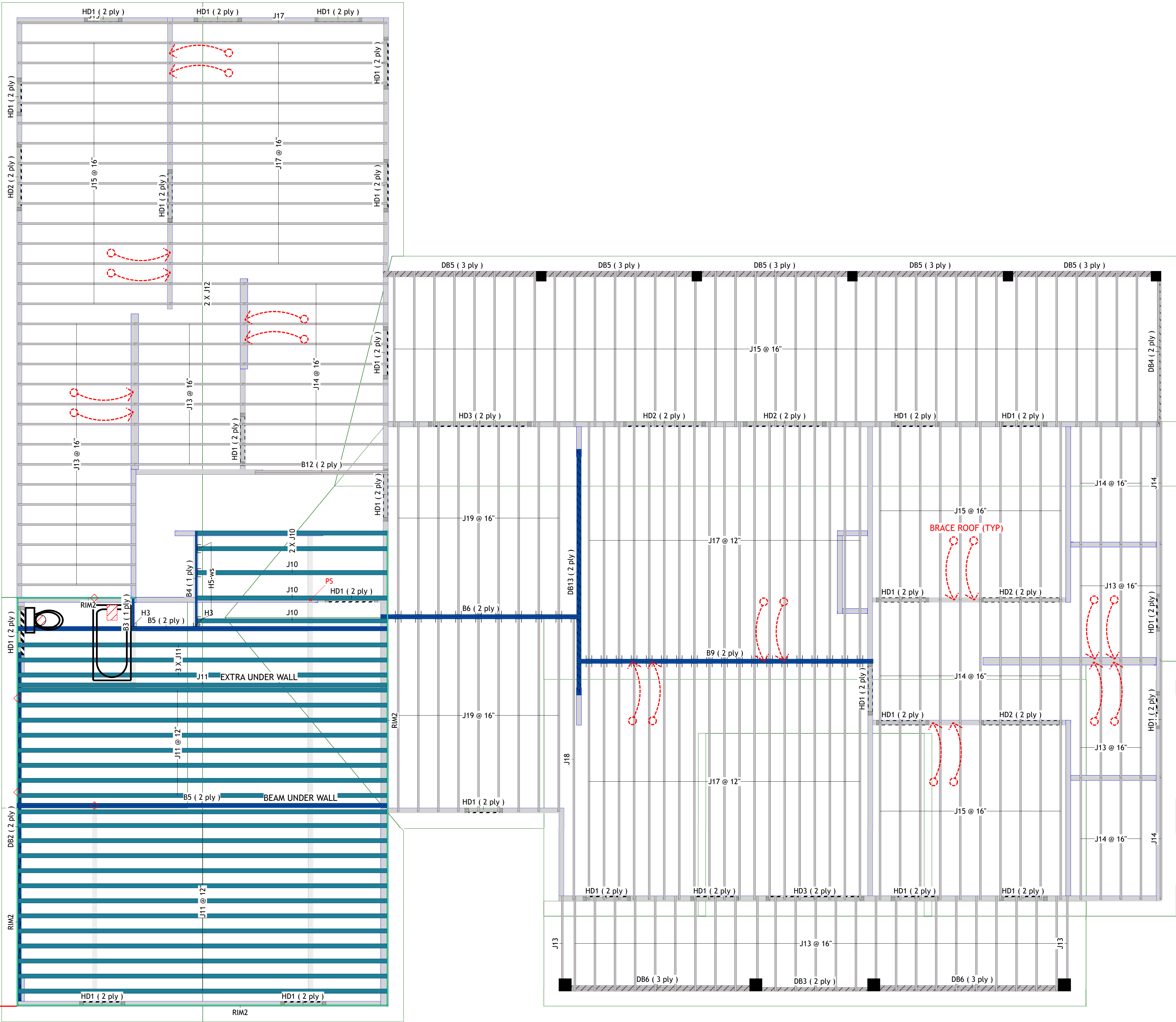
Layout Name 913 Drake Woods Rd
Revised October 14, 2025
Builder Richardson Homes
Plan Name Payne Residence
Sales Rep Rhett Godfrey
Designer MAK
Contract Lumber 4650 Thurmon Tanner Parkway Flowery Branch , GA 30542 678.866.8600
Project 4083320

1st	
Design	ASD (USA)
Method	
Building Code	IRC 2018
Floor	
Loads	
Live	40
Dead	10
Deflection Joist	
LL Span L/	480
TL Span L/	240
Deflection Flush Girder	
LL Span L/	480
TL Span L/	360
Deflection Dropped Girder	
LL Span L/	480
TL Span L/	240
Deflection Header	
LL Span L/	480
TL Span L/	240
Decking	
Decking	SPF Plywood
	23/32 APA
	Rated
	Sheathing
Fastener	Nailed &
	Glued

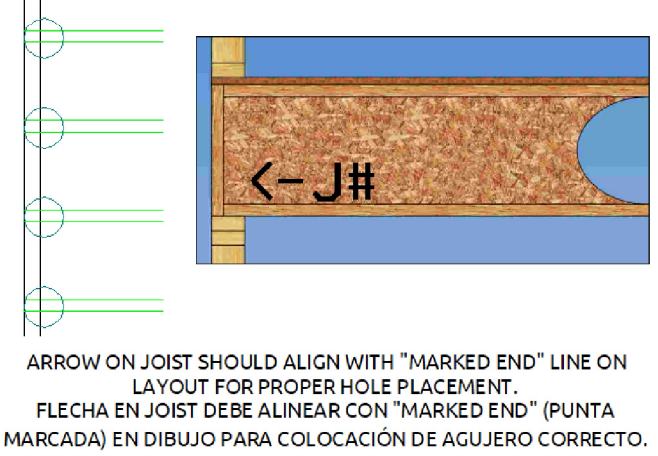
REFER TO SHEET
D-1 FOR DETAILS

LAYOUT NOT TO SCALE

12" O.C.
START LAYOUT
SE EMPIEZA AQUI



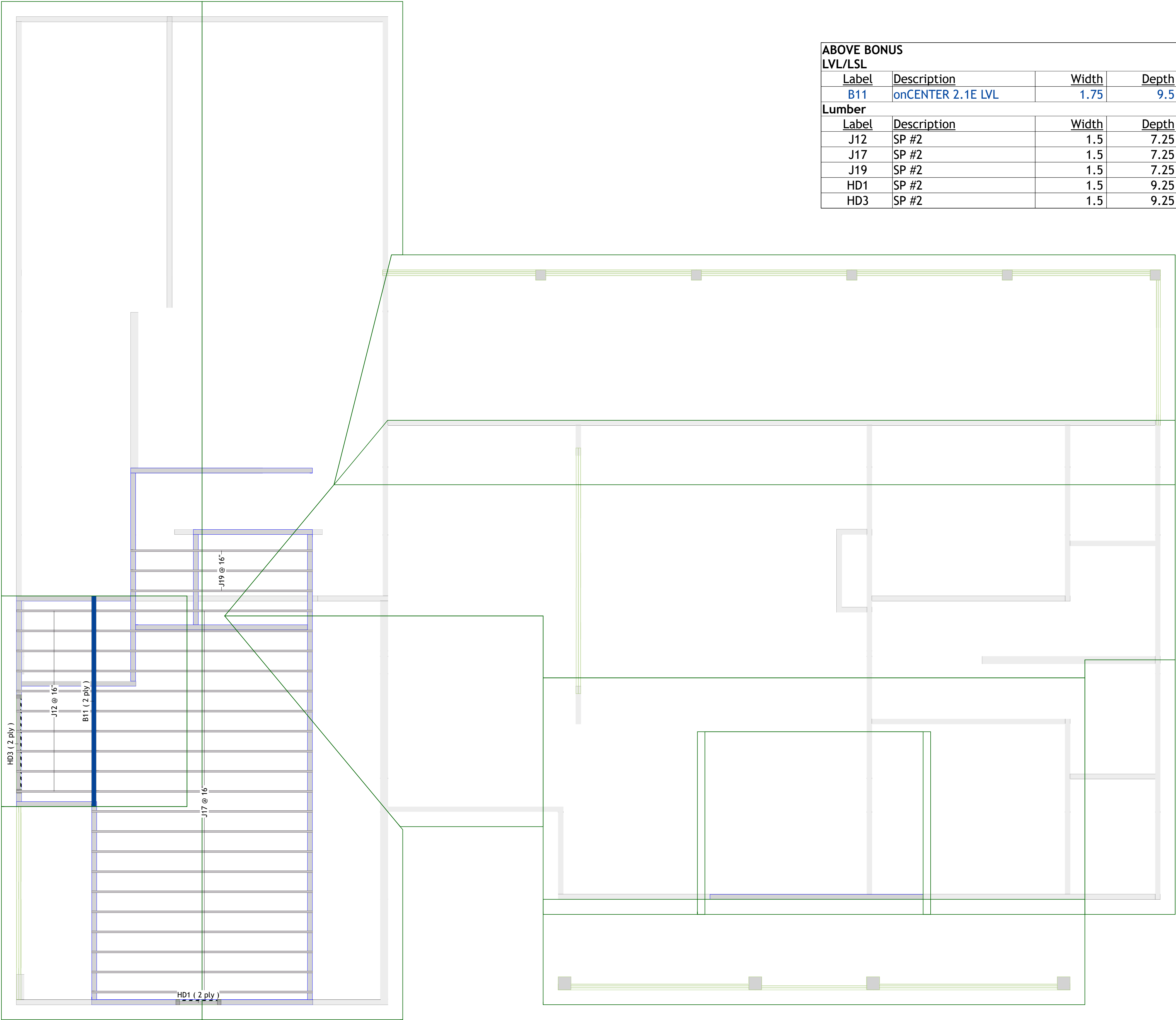
MARKED END PLACEMENT
COLOCACIÓN FINAL MARCADA



REFER TO SHEET
D-1 FOR DETAILS

LAYOUT NOT TO SCALE

ABOVE BONUS							
LVL/LSL							
Label	Description	Width	Depth	Qty	Plies	Pcs	Length
B11	onCENTER 2.1E LVL	1.75	9.5	1	2	2	14-0-0
Lumber							
Label	Description	Width	Depth	Qty	Plies	Pcs	Length
J12	SP #2	1.5	7.25			10	6-0-0
J17	SP #2	1.5	7.25			20	16-0-0
J19	SP #2	1.5	7.25			3	14-0-0
HD1	SP #2	1.5	9.25	1	2	2	4-0-0
HD3	SP #2	1.5	9.25	1	2	2	8-0-0



GENERAL NOTES	
DO NOT CUT PAINTED/LABELED END OF JOIST.	
JOISTS SHOWN AS DOUBLES ARE SHIPPED INDIVIDUALLY TO BE ASSEMBLED (IF NEEDED) ON SITE.	
LUMBER SHOWN ON LAYOUT IS FOR REFERENCE ONLY AND NOT SHIPPED WITH ENGINEERED WOOD PACKAGE.	
BLOCKING (BK) AND I JOIST-RIM (A6) SENT IN RANDOM LENGTHS/SERIES TO BE CUT ON SITE.	
WALLS SHOWN ARE LOAD-BEARING AND REQUIRE PROPER FOOTINGS.	
CONSULT YOUR LOCAL CODE OFFICIAL FOR PORTAL WALL FRAMING.	
INSTALL SOLID BLOCKING UNDER ALL LVL/LSL BEAMS.	
ALWAYS VERIFY BEARING LOCATIONS WITH YOUR ROOF TRUSS PROVIDER.	
MATERIAL LABELS ARE UNIQUE TO LAYOUT AND WILL ONLY MATCH LAYOUT SHIPPED WITH FLOOR SYSTEM	
REFER TO DETAIL SHEET (D-1) AND INSTALLATION GUIDE PRIOR TO CONSTRUCTION	
HANGER NOTES	
ASSUME MIN. NAILING (ROUND HOLES ONLY) UNLESS NOTED OTHERWISE.	
USE 16d COMMON NAILS ON ALL BEAM HANGERS. (HUS, HD, HHUS, HGU, THD, THHD, ETC.)	
INSTALL BACKER OR FILLER BLOCKS AS REQ'D TO PROVIDE SOLID NAILING OF HANGERS.	
INSTALL WEB STIFFENERS AS REQ'D (WS).	
NEVER MODIFY HANGERS IN FIELD.	

↑
↓
Φ
CONTRACT LUMBER

Layout Name	
913 Drake Woods Rd	
Created	
September 29, 2025	
Revised	
October 14, 2025	
Builder	
Richardson Homes	
Plan Name	
Payne Residence	
Sales Rep	
Rhett Godfrey	
Designer	
MAK	
Contract Lumber	
4650 Thurmon Tanner Parkway	
Flowery Branch , GA	
30542	
678.866.8600	

ABOVE BONUS	
Design	ASD (USA)
Method	
Building Code	IRC 2018
Floor	
Loads	
Live	10
Dead	10
Deflection Joist	
LL Span L/	480
TL Span L/	240
Deflection Flush Girder	
LL Span L/	480
TL Span L/	360
Deflection Dropped Girder	
LL Span L/	480
TL Span L/	240
Deflection Header	
LL Span L/	480
TL Span L/	240
Roof	
Loads	
Live	0
Dead	15
Construction	20