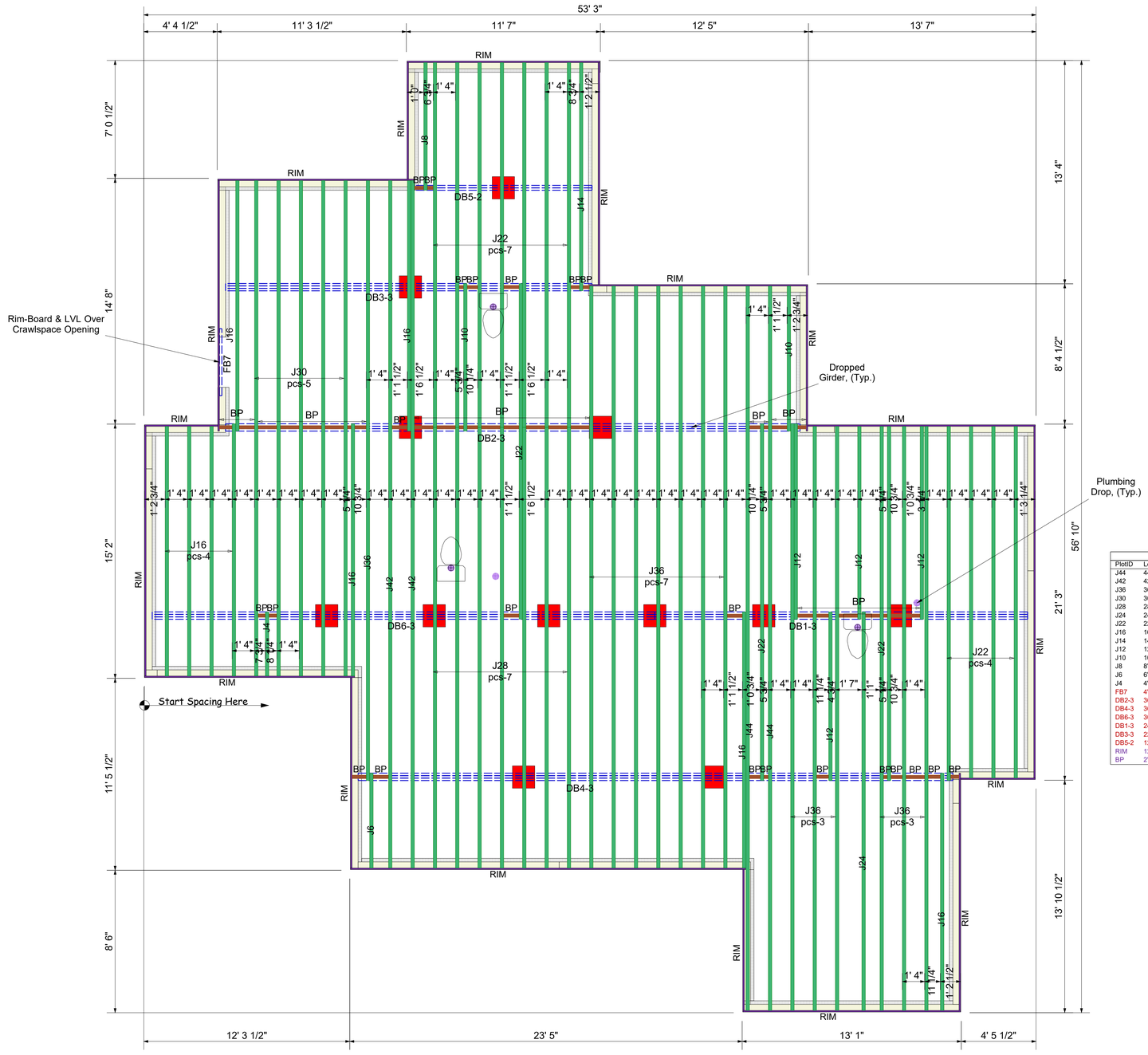
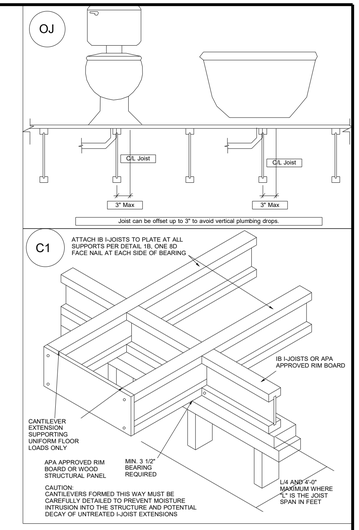


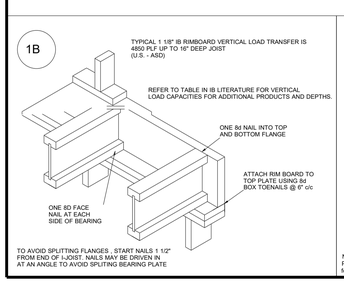
Products					
PlotID	Length	Product	Plies	Net Qty	Fab Type
J44	44' 0"	11 7/8" PJI-40	1	2	MFD
J42	42' 0"	11 7/8" PJI-40	1	2	MFD
J36	36' 0"	11 7/8" PJI-40	1	14	MFD
J30	30' 0"	11 7/8" PJI-40	1	5	MFD
J28	28' 0"	11 7/8" PJI-40	1	7	MFD
J24	24' 0"	11 7/8" PJI-40	1	1	MFD
J22	22' 0"	11 7/8" PJI-40	1	14	MFD
J16	16' 0"	11 7/8" PJI-40	1	9	MFD
J14	14' 0"	11 7/8" PJI-40	1	1	MFD
J12	12' 0"	11 7/8" PJI-40	1	4	MFD
J10	10' 0"	11 7/8" PJI-40	1	2	MFD
J8	8' 0"	11 7/8" PJI-40	1	1	MFD
J6	6' 0"	11 7/8" PJI-40	1	1	MFD
J4	4' 0"	11 7/8" PJI-40	1	1	MFD
FB7	4' 0"	2.0 RigidLam DF LVL 1-3/4 x 11-7/8	1	1	FF
DB2-3	36' 0"	2.0 RigidLam DF LVL 1-3/4 x 14	3	3	FF
DB4-3	36' 0"	2.0 RigidLam DF LVL 1-3/4 x 14	3	3	FF
DB6-3	30' 0"	2.0 RigidLam DF LVL 1-3/4 x 14	3	3	FF
DB1-3	24' 0"	2.0 RigidLam DF LVL 1-3/4 x 14	3	3	FF
DB3-3	22' 0"	2.0 RigidLam DF LVL 1-3/4 x 14	3	3	FF
DB5-2	12' 0"	2.0 RigidLam DF LVL 1-3/4 x 14	2	2	FF
RIM	12' 0"	1 1/8" x 11 7/8" APA Rim Board	1	19	FF
BP	2' 0"	11 7/8" PJI-40	1	19	FF

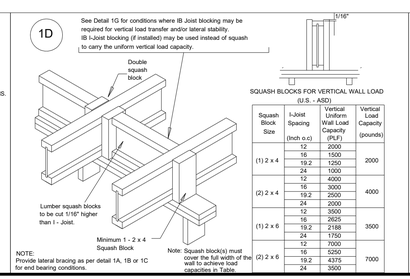


BLOCK SOLID UNDER ALL POST /POINT LOADS FROM ABOVE - TYPICAL AT ALL LOCATIONS

1rst Floor I-Joist

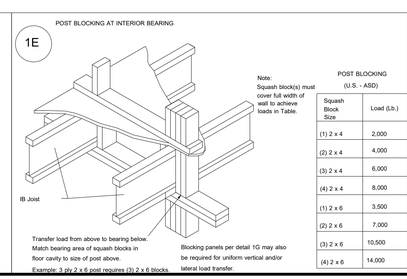
DRAWING SCALE : NTS





SQUASH BLOCKS FOR VERTICAL WALL LOAD (U.S. - ASD)

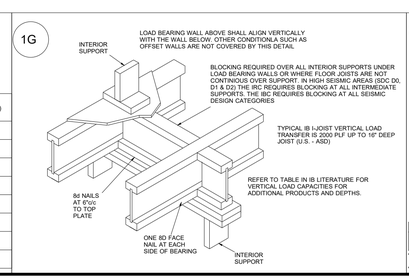
Squash Block Size	I-Joist Spacing (Inch o.c)	Vertical Uniform Wall Load Capacity (PLF)	Vertical Load Capacity (pounds)
(1) 2 x 4	12	2000	2000
	16	1500	
	19.2	1250	
	24	1000	
(2) 2 x 4	12	4000	4000
	16	3000	
	19.2	2500	
	24	2000	
(1) 2 x 6	12	3500	3500
	16	2625	
	19.2	2188	
	24	1750	
(2) 2 x 6	12	7000	7000
	16	5250	
	19.2	4375	
	24	3500	

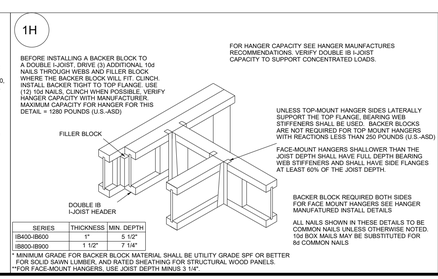


Note: Squash block(s) must cover full width of wall to achieve loads in Table.

POST BLOCKING (U.S. - ASD)

Squash Block Size	Load (Lb.)
(1) 2 x 4	2,000
(2) 2 x 4	4,000
(3) 2 x 4	6,000
(4) 2 x 4	8,000
(1) 2 x 6	3,500
(2) 2 x 6	7,000
(3) 2 x 6	10,500
(4) 2 x 6	14,000





SERIES	THICKNESS	MIN. DEPTH
IB400-IB600	1"	5 1/2"
IB800-IB900	1 1/2"	7 1/4"

* MINIMUM GRADE FOR BACKER BLOCK MATERIAL SHALL BE UTILITY GRADE SPF OR BETTER - FOR SOLID SAWN LUMBER, AND RATED SHEATHING FOR STRUCTURAL WOOD PANELS.
**FOR FACE-MOUNT HANGERS, USE JOIST DEPTH MINUS 3 1/4"

BBO = Beam by Others
PBO = Post by Others
GBO = Girder by Others
J = I-Joist
FB = Flush Beam
DB = Dropped Beam
BP = Blocking Panels
SB = Squash Blocks

Kempsville Building Materials
A Division of the Carter Lumber Company

Mabus Farm & GC LLC
1125 Cypress (Marshall)
1rst FLOOR I-JOIST PLACEMENT PLAN

REVISIONS	
DATE	BY
09.14.21	RKW

PROJECT NUMBER
21090035
SHEET NUMBER
1 / 1