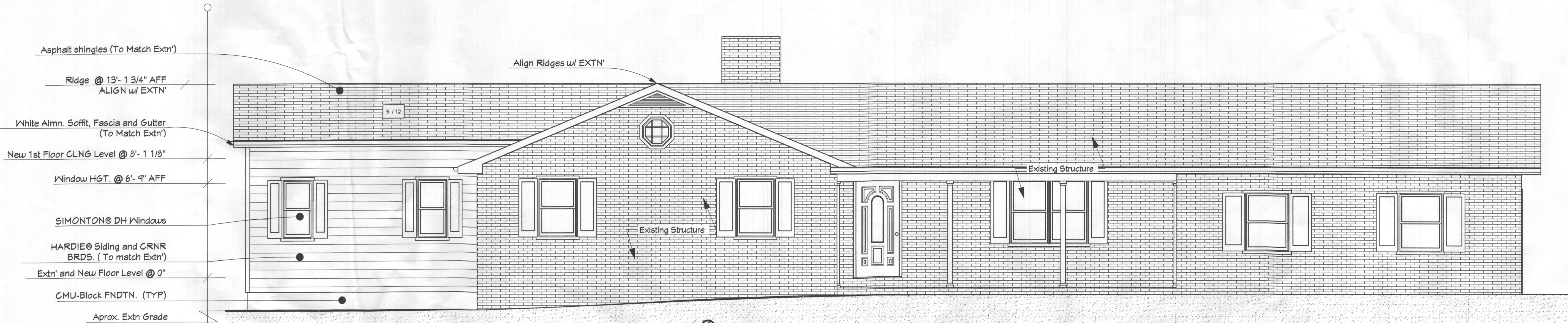


NOTE:
ALL MATERIAL DESIGNATION REMAINS
THE SAME THROUGHOUT EACH
ELEVATION AND THE ENTIRE PROJECT

Reserved For DPS

Reserved For Engineers Seal and Sign.

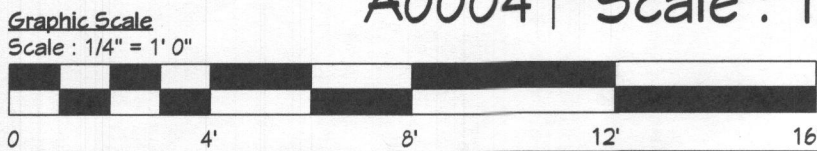


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1 | PROPOSED ELEVATION : Front Elevation
A0004 | Scale : 1/4" = 1'- 0"

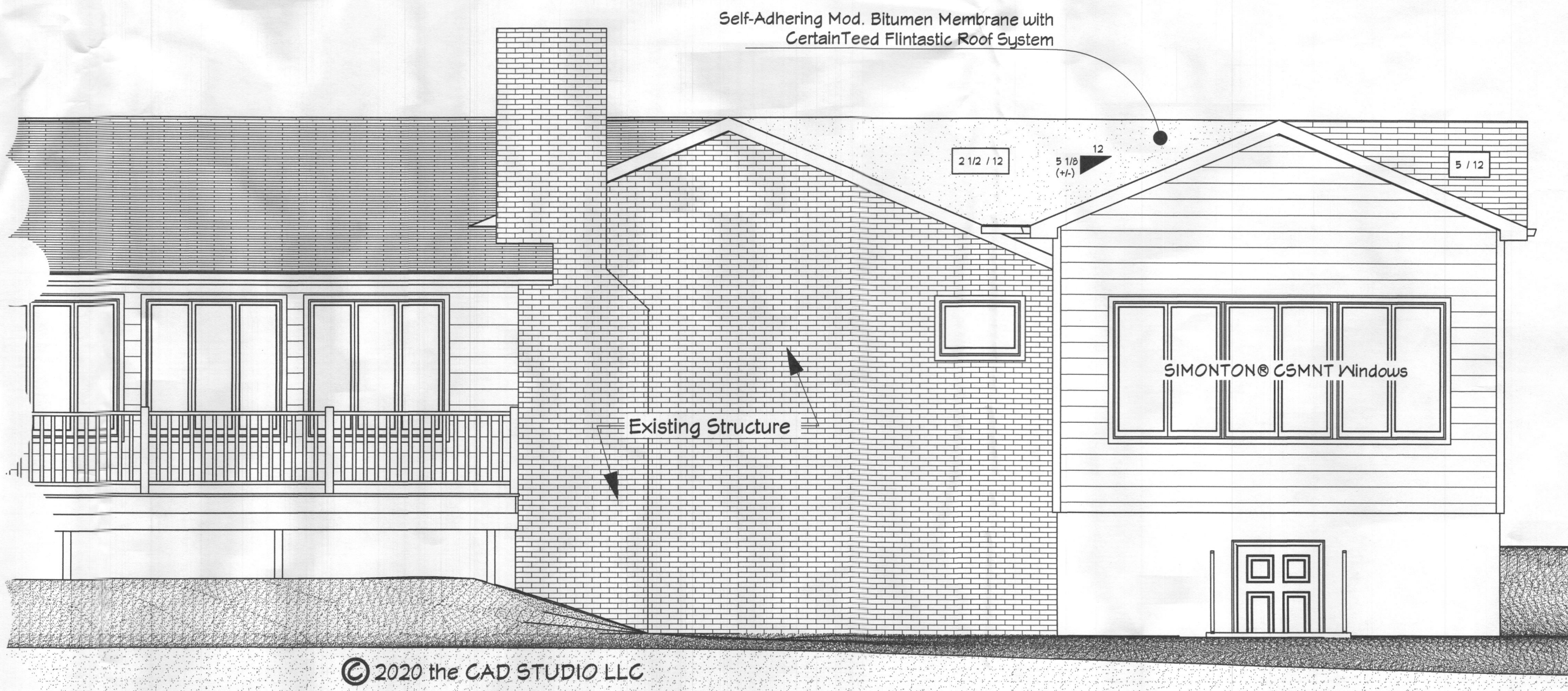


2 | PROPOSED ELEVATION : Left Elevation
A0004 | Scale : 1/4" = 1'- 0"



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Print to 1/2-scale at 11x17" Tabloid



3 | PROPOSED ELEVATION : Rear Elevation
A0004 | Scale : 1/4" = 1'- 0"

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Concept Plan: Phillips CP_06122020
Date: August 21/2020
Firm Plan: Phillips P_09012020
Date: September 28/2020

OCTOBER
06/2020

PERMIT
ELEVATIONS

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Page# 5 Of 15

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GENERAL NOTE
Soil Bearing to be minimum 2000 PSF

GENERAL FOUNDATION NOTES:
Applies Only Where Shown On Plan

#1 : Install (min) 1ea 10" #4" Rebar Dowel Let-Ins and Epoxy at 12" O/C Vertically
Insert (min) 4" into Extn' FNDTN Wall, and (min) 12" into New FNDTN Wall (TYP)

#2 : Install (min) 2ea 16" #4" Rebar Dowel Let-Ins and Epoxy
Insert (min) 4" into Extn' FNDTN Footing, and (min) 12" into New FNDTN Footing (TYP)
(TYP at all FNDTN Footing Connections)

#3 : Install (min) 1ea 16" #4" Rebar Dowel Let-Ins and Epoxy at 12" O/C Horizontally
Insert (min) 4" into Extn' FNDTN Wall, and (min) 12" into New FNDTN Wall (TYP)

#4 : Install (min) 1ea 16" #4" Rebar Dowel Let-Ins and Epoxy at 12" O/C Horizontally
Insert (min) 4" into Extn' FNDTN Wall, and (min) 12" into New Slab (TYP)

#5 : 4" Concrete Slab, @ 3000 PSI
Reinforced w/ #4 Rebar 18" O/C each way. (OR WNF6x6-W1.9xW1.9)
On 6mil Vapor barrier, On (min) 4" Compacted Gravel Base
(4" Concrete Fibermesh® micro-synthetic fiber Slab
may be used where approved by Building Official)

#6 : 4" Concrete Slab, @ 2500 PSI
Reinforced w/ #4 Rebar 18" O/C each way. (OR WNF6x6-W1.9xW1.9)
On 6mil Vapor barrier, On (min) 4" Compacted Gravel Base
(4" Concrete Fibermesh® micro-synthetic fiber Slab
may be used where approved by Building Official)

#7 : Where New Foundation Footing Is Installed Less Than 5' From Extn' Footing,
New FNDTN Footing to align in Depth with Extn' Footing
(TYP at all FNDTN Connections)

Reserved For Engineers Seal and Sign.

TYPICAL REBAR:
At All CMU-Block Walls

Install 2 EA #4 Horizontal Rebar @ 16" O/C Vertically Or, Galvanized Steel Wire Ladder
Install 2 EA #4 Horizontal Rebar At Solid Filled Bond Beam Block Top Course
Install 4 EA #4 Horizontal Rebar At Solid Filled Bond Beam Block Above Openings

Install 1 EA #4 Vertical Rebar @ 24" O/C Horizontally, In Solid-filled Cells
Install 2 EA #4 Vertical Rebar At Corners, at Each End of Wall, In Solid-filled Cells (1 rebar per Cell)
Install 2 EA #4 Vertical Rebar At Openings, at Each Side Of Opening, In Solid-filled Cells (1 rebar per Cell)
Install 2 EA #4 Vertical Rebar Below Each Solid BRGN, In Solid-filled Cells (1 rebar per Cell)

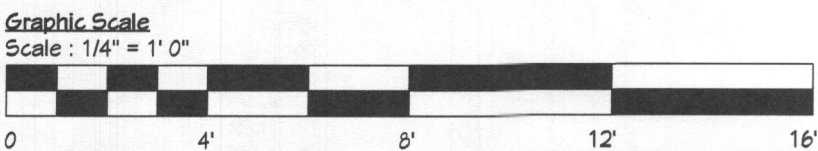
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MIUCH# 92007
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Concept Plan: Phillips CP_08122020
Date: August 21/2020
Permit Plan: Phillips P_09122020
Date: September 26/2020

Date: **OCTOBER 06/2020**
Phase: **PERMIT**
Drawn By: C.S.
Sheet Title: **FOUNDATION PLAN**

Page#
A0005
Page# 6 Of 15



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1 | PLAN: Foundation Plan
A0005 | Scale : 1/4" = 1'- 0"

PRINT NOTE:
Print to scale at 22x34" ANSI-D Size
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WINDOW NOTE: (Applies Only As Noted On Plan)
#1 New Window To Have Window Opening Control Device (WOCD), that meets the ASTM F2090 "Standard Specification for Window Fall Prevention Devices with Emergency Escape (Egress) Release Mechanisms, To Prevent Window from Opening More Than 4", Unless Released, with Automatic Re-Latch Feature (as per IRC 2018 R312.2.1) Egress Windows Must Have Maximum Clearance Hardware Installed Where Applicable
#2 New Window To Have Tempered Glazing (Bottom Sash At D.H.)
#3 New Window to meet or exceed IRC 2018 minimum Egress Requirements

Reserved For DPS

Reserved For Engineers Seal and Sign.

GENERAL NOTE:
FIRST FLOOR CLNG. HEIGHT: 9' 1 1/8"

GENERAL NOTE:
All Sill-plates In Contact With Concrete Shall Be Pressure-Treated and Fastened with 1/2" x 8" Simpson Titen HD 50800H anchor OR Eq @ max 48" O/C (TYP)

GENERAL NOTE:
Preservative-treated Lumber shall be southern pine, grade #2 or better. Lumber in contact with the ground shall be rated as "ground-contact"

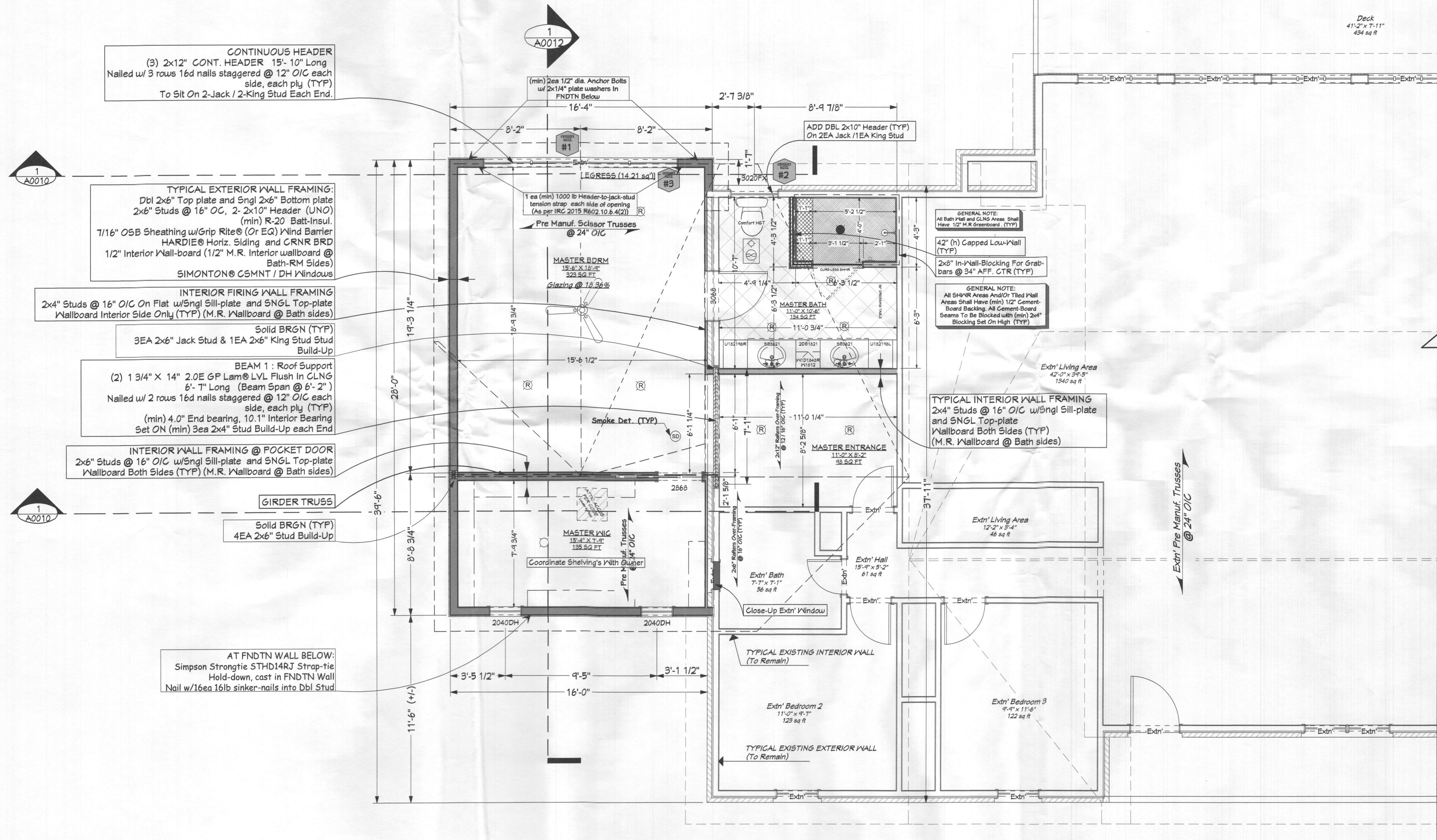
GENERAL NOTE:
Fasteners and connectors for preservative-treated wood shall be of hot dipped, zinc-coated galvanized steel, stainless steel, silicon bronze or copper. (IRC 2018 R317)

GENERAL NOTE:
All Bath Wall and CLNG Areas Shall Have 1/2" M.R Greenboard. (TYP)

GENERAL NOTE:
All SHWR Areas And/Or Tiled Wall Areas Shall Have (min) 1/2" Cement-Board Backing. All Cement-Board Seams To Be Blocked with (min) 2x4" Blocking Set On High (TYP)

GENERAL NOTE:
All Bath Wall and CLNG Areas Shall Have 1/2" M.R Greenboard. (TYP)

GENERAL NOTE:
ALL Exhaust Fan to be vented to Exterior (TYP)



1 | PLAN: First Floor Plan
A0006 Scale : 1/4" = 1'- 0"

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Date: August 21/2020
Permit Plan: Phillips P_09122020
Date: September 29/2020

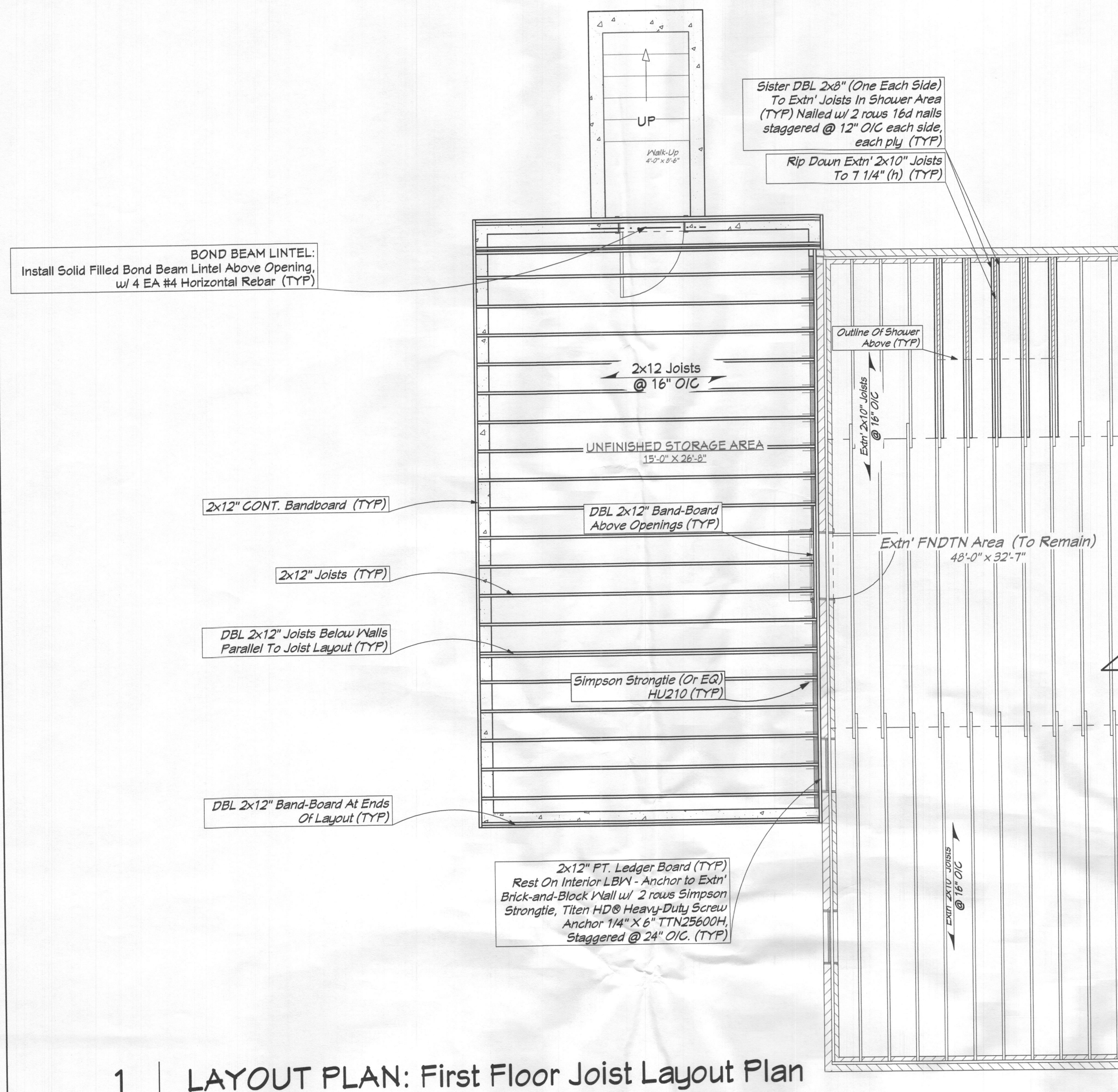
OCTOBER 06/2020

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Drawn by: G.S.
Sheet Title: **FIRST FLOOR PLAN**

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1	LAYOUT PLAN: First Floor Joist Layout Plan
A0007	Scale : 1/4" = 1'- 0"



TRUSS NOTES:

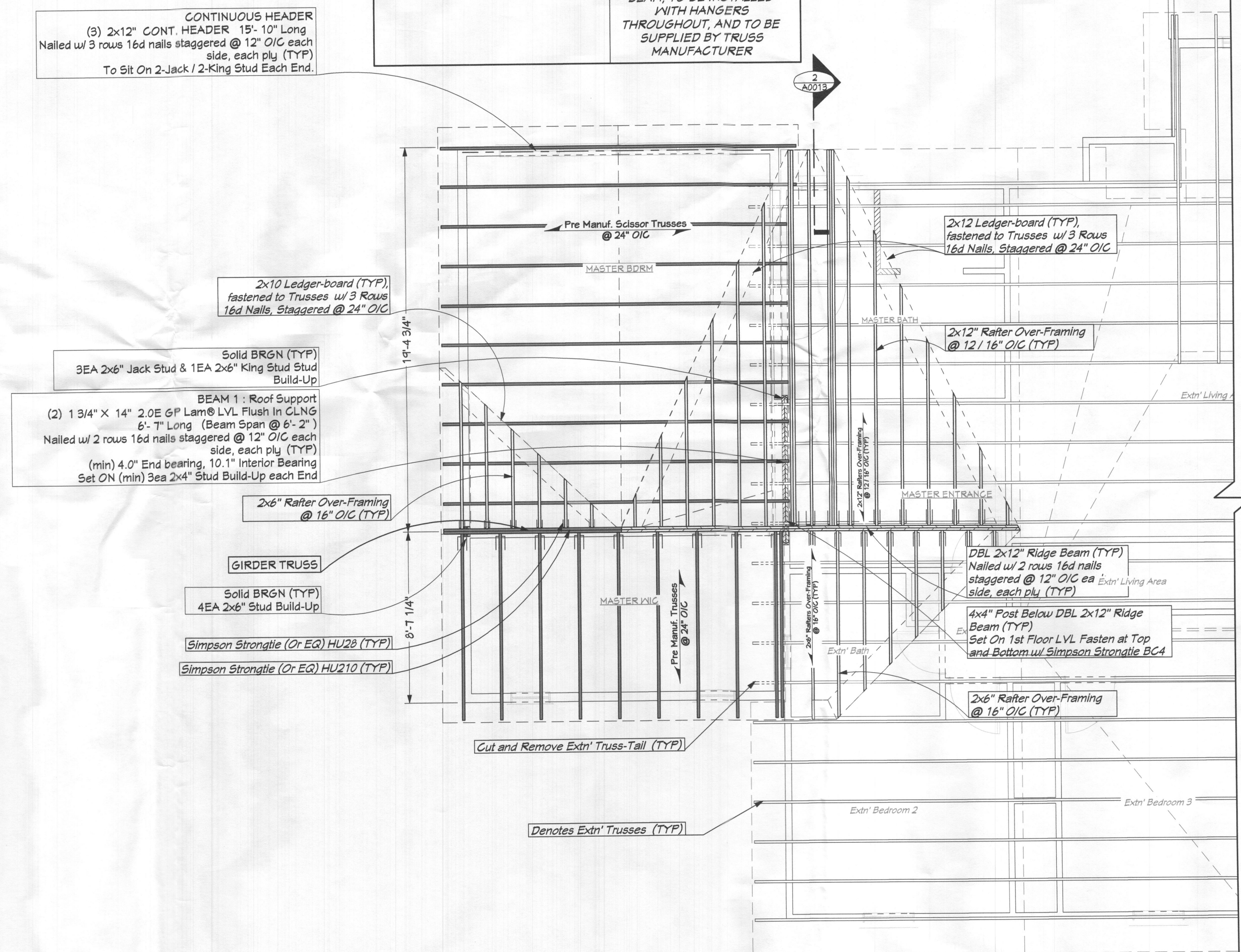
1. ALL TRUSS SHALL CARRY MANUFACTURERS STAMP.
2. ALL TRUSSES SHALL BE INSTALLED & BRACED TO MANUFACTURERS SPECIFICATIONS.
3. ALL FIELD ALTERED TRUSSES SHALL HAVE ENGINEERING DESIGN DETAILS & DRAWINGS ON SITE FOR FRAMING INSPECTION.
4. ALL TRUSSES SHALL HAVE DESIGN DETAILS & DRAWINGS ON SITE FOR FRAMING INSPECTION.
5. ALL CONNECTIONS OF RAFTERS, JACK OR HIP TRUSSES TO MAIN GIRDER TO BE PROVIDED BY TRUSS MANUFACTURE.
6. ALL TRUSS FRAMING 24" O.C.
7. ALL EAVE OVERHANGS 12" UNLESS NOTED OTHERWISE
8. ALL GABLE OVERHANGS AT 12" UNLESS NOTED OTHERWISE

IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY EXISTING WALL PLACEMENTS, AND HEIGHT OF EXISTING ROOF, EAVES, FASCIA, BALCONIES, CHIMNEYS AND WINDOWS, PRIOR TO ORDERING AND INSTALLING NEW TRUSSES AND RAFTERS. NEW TRUSS AND RAFTER HEIGHT AND FITCH MAY BE ADJUSTED TO CLEAR ANY OBSTRUCTIONS SUCH AS WINDOWS, CHIMNEYS, ETC., AND TO ALIGN RIDGES, EAVES AND FASCIAS

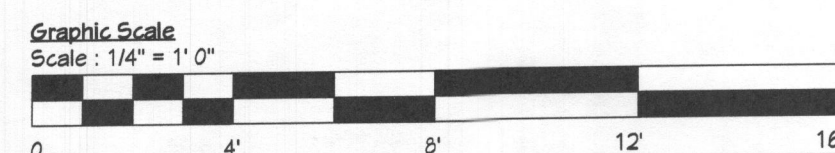
PROVIDE 2" MIN. AIR GAP
AT EAVES WITH
INSULATION BAFFLES TYP.
AT ALL TRUSS BAYS.

NOTE:
ALL RAFTER TO RAFTER, -
RAFTER TO GIRDER, -OR
RAFTER TO HIP OR RIDGE
BEAM, TO BE INSTALLED
WITH HANGERS
THROUGHOUT, AND TO BE
SUPPLIED BY TRUSS
MANUFACTURER

Reserved For Engineers Seal and Sign.



2	LAYOUT PLAN: First Floor Truss and Rafter Layout Plan
A0007	Scale : 1/4" = 1'- 0"



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cept Plan: Phillips CP_08122020
August 21/2020

mit Plan: Phillips P_09012020
September 28/2020

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06/2020

Case : **PERMIT**

Run by: 0.6
Sheet Title :

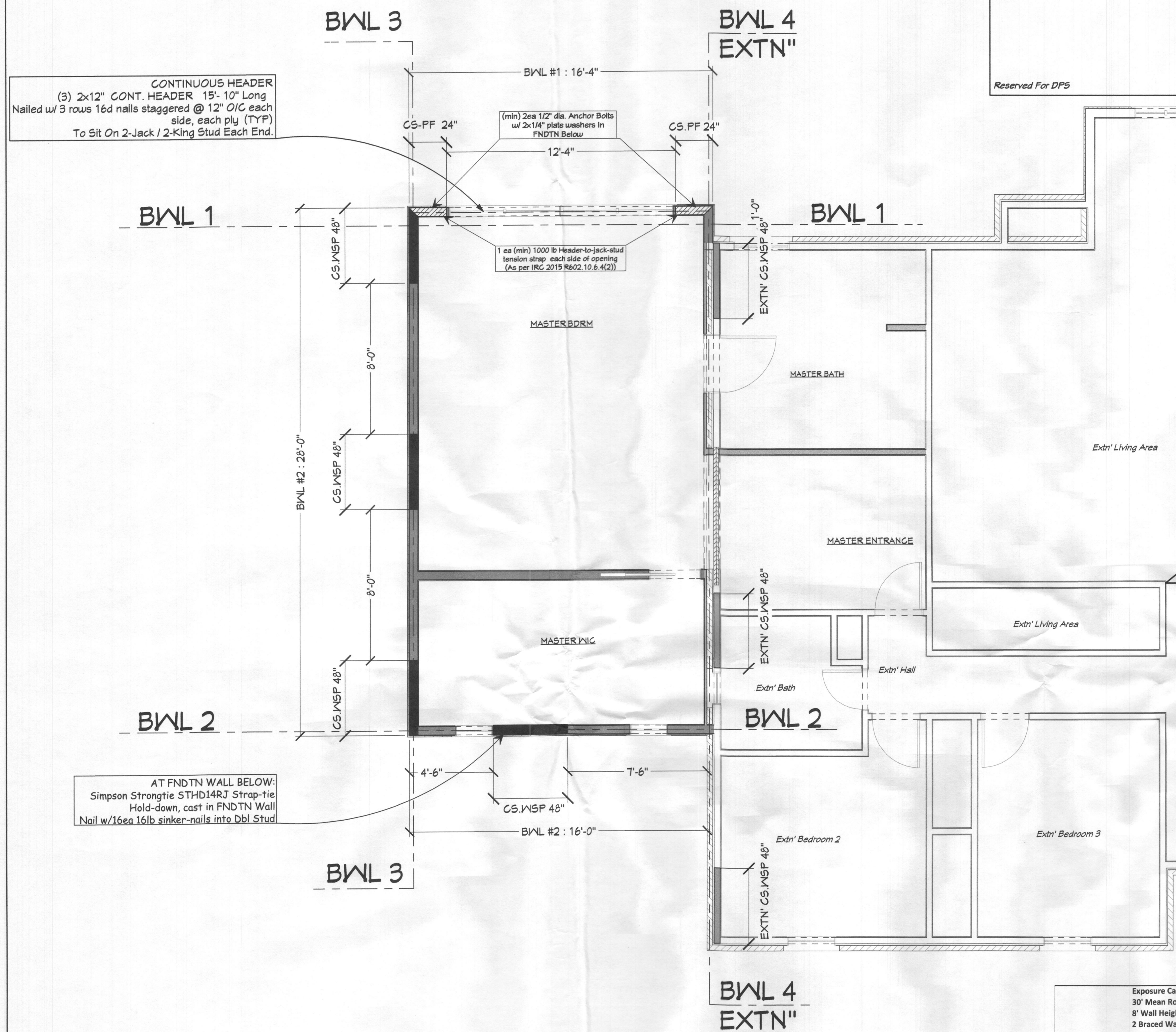
FIRST FLOOR
JOIST LAYOUT
PLAN

[illegible]

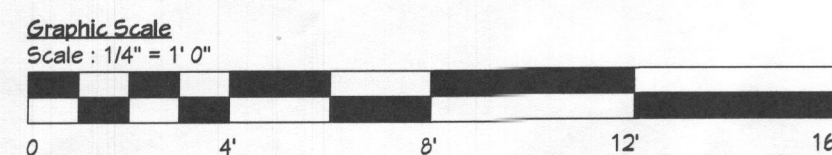
Page# 10001

A0007

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1 LAYOUT PLAN: First Floor Braced Panel Layout Plan
A0008 Scale : 1/4" = 1'-0"



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Exposure Category B 30' Mean Roof Height @ 17'-6") 8' Wall Heights 2 Braced Wall Lines Ultimate Design Wind Speed: <115 mph Per IRC 2018 R602.10.4											PHILLIPS RESIDENCE 12272 Woodsurge Court, Ellicott City, MD. 21042.											Prepared: 09/01/2020																																																																																																																																																																																																					
											Required Total Bracing Length per IRC 2018 table R602.10.3(1) adjusted per Table R602.10.3(2)											Bracing Provided (FT)											Notes																																																																																																																																																																																										
Floor											BWL #											Wall Length (FT)											Bracing Type											Eave-to-Ridge Hgt											Wall Height											# of BWL											Hold-downs											GB Omitted											G@ Fasten 4" O/C											BWL Spacing (FT)																																																																																																													
																																												Height (FT)											Adjustment											Height (FT)											Adjustment											#											Adjustment											#											Adjustment											Adjustment											Adjustment											Adjustment											Adjustment																																																						
1											1											17											CS-FP											4.5											0.7											8											0.9											2											1											No											1											No											1											No											1											28											2.83											2x24" PF											Complies w/ IRC 2018 R602.10.3.										
1											2											16 (<16)											CS-WSP											4.5											0.7											8											0.9											2											1											No											1											No											1											No											1											28											2.83											4"											Complies w/ IRC 2018 R602.10.3.										
1											3											28											CS-WSP											4.5											0.7											8											0.9											2											1											No											1											No											1											No											1											17											2.21											12'																					
1											4 EXTN'											38											Extn'											4.5											0.7											8											0.9											2											1											No											1											No											1											No											1											17											2.21											12'											Complies w/ IRC 2018 R602.10.3.										

FASTENERS AND SPACING REQUIREMENTS Per IRC 2018 R602.10.4			
Applies To Bracing Line	Bracing Method	Fasteners	Spacing
1	CS-PF	8d common nails	3" spacing (panel edges) 3" spacing (intermediate support) 3" Grid pattern (at header)
2, 3, 4	CS-WSP	8d common nails	6" spacing (panel edges) and 12" spacing field
	CS-GB	1 1/4" annular-ringed	7" spacing (panel edges) And 7" spacing field
APPLIES ALSO TO INTERIOR OF CS-WSP & CS-PF			

2

SCHEDULE: First Floor Braced Panel Schedule

A0008

Scale : N/A

2 SCHEDULE: First Floor Braced Panel Schedule
A0008 Scale : N/A

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Date: September 28, 2020

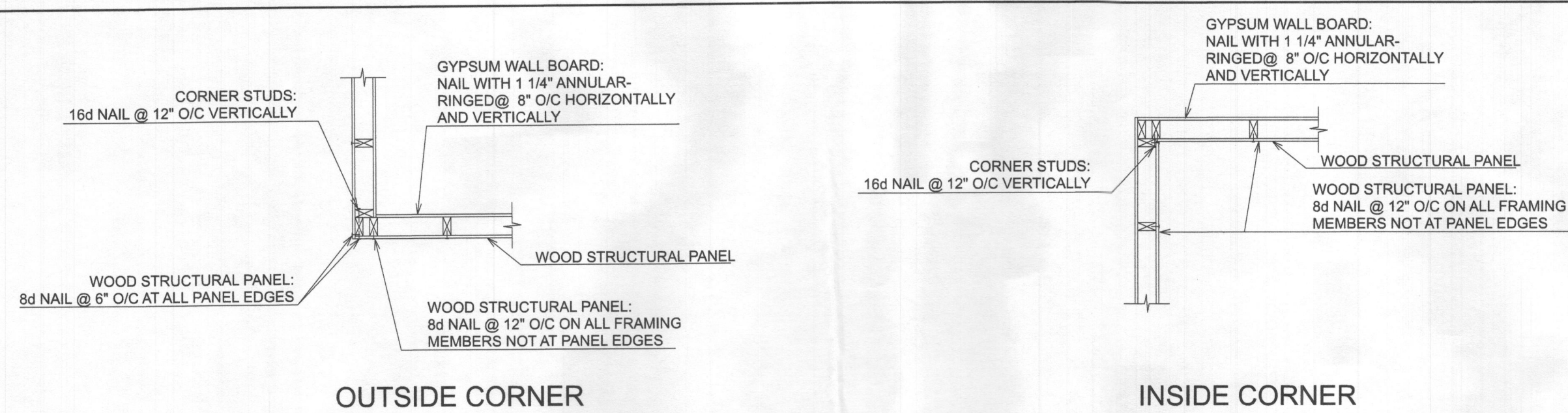
Date: **OCTOBER 06/2020**

Phase: **PERMIT**

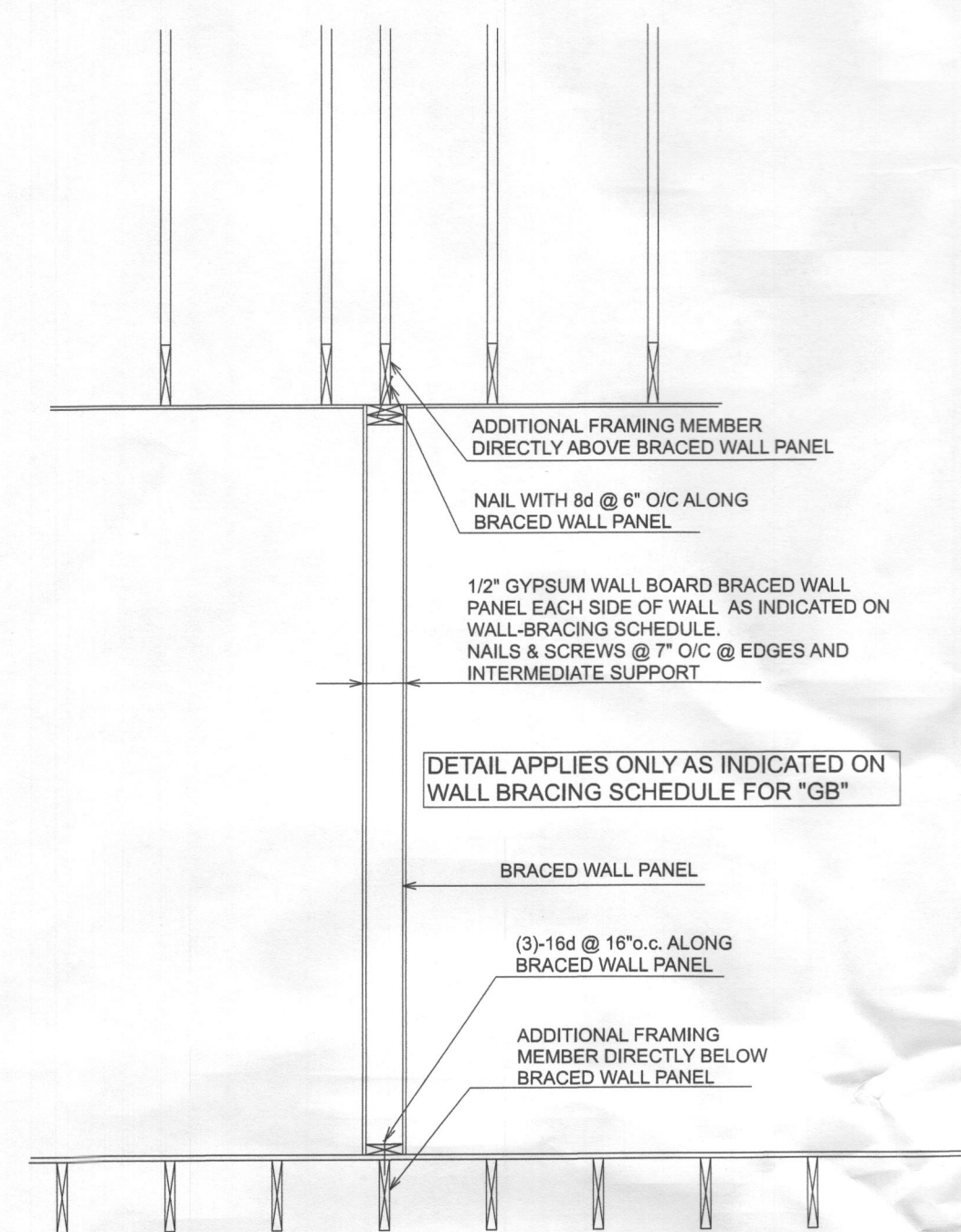
Drawn by: C.S.
Sheet Title: **FIRST FLOOR BRACED PANEL LAYOUT PLAN and SCHEDULE**

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Page# 1 Of 15

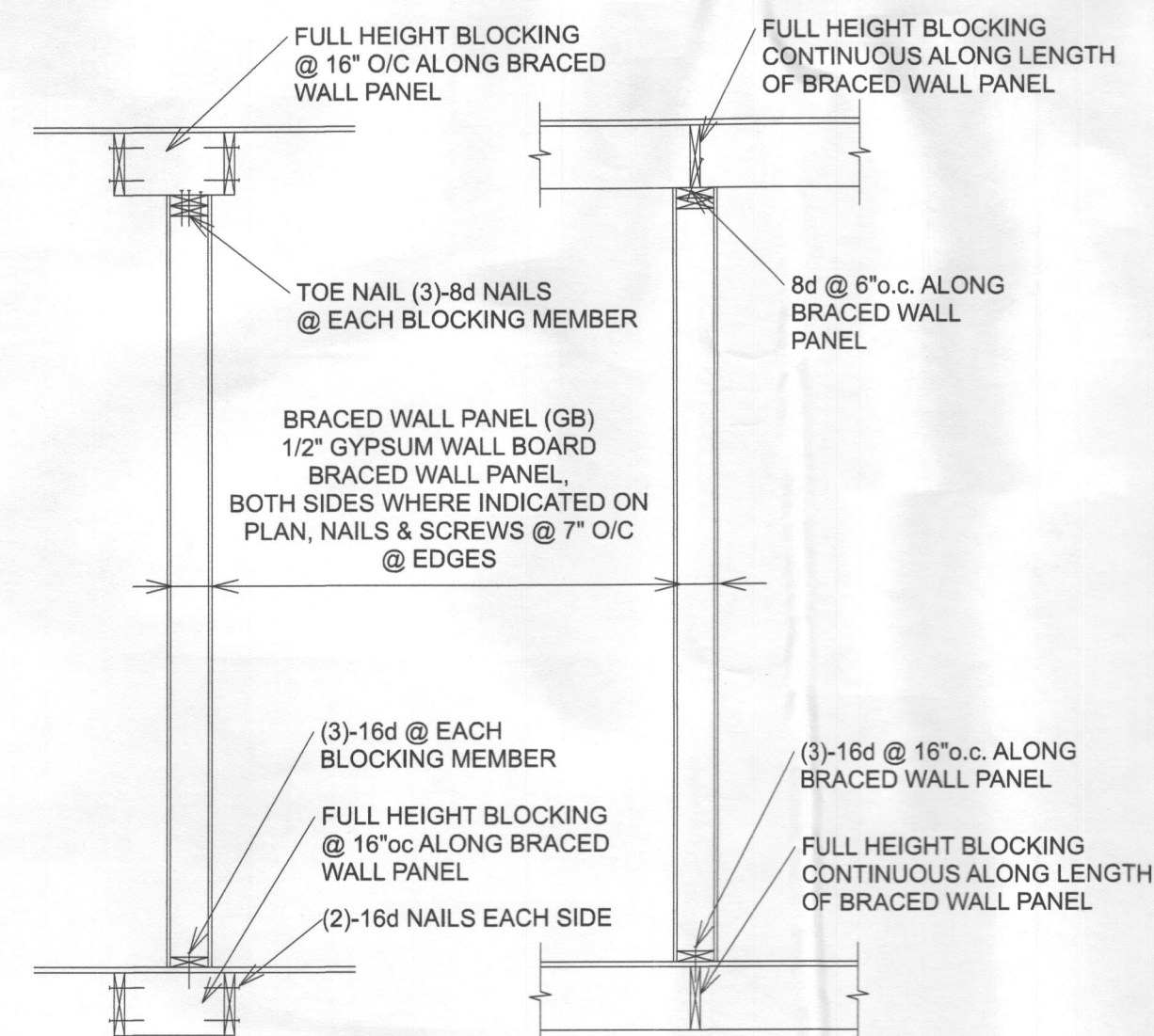
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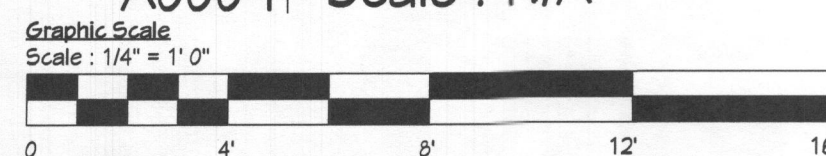
1	DETAIL: Typical Corner Detail for Continuous Sheathing per IRC 2018
A0009	Scale : N/A



2	DETAIL: CS-GB Braced Wall Panel Fastening Detail per IRC 2018
A0009	Scale : N/A



3	DETAIL: Interior Wall Panel Fastening Detail per IRC 2018
A0009	Scale : N/A



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LATERAL BRACING NOTES:

BRACING MEETS THE REQUIREMENTS OF 2018 IRC R602.10
FOR 90MPH BASIC WIND SPEED AND 115MPH ULTIMATE WIND
SPEED AND APPROPRIATE ENGINEERING PRINCIPLES

716" OSB OR 1/2" PLYWOOD WOOD STRUCTURAL PANELS (GS-VSP) MUST BE APPLIED TO ALL EXTERIOR SHEATHABLE SURFACES INCLUDING GABLE END WALLS & ABOVE & BELOW ALL OPENINGS. THE SHEATHING IS TO BE FASTENED w/ 8d NAILS AT 6"oc @ EDGES & @ 12"oc AT ALL INTERMEDIATE SUPPORTS.

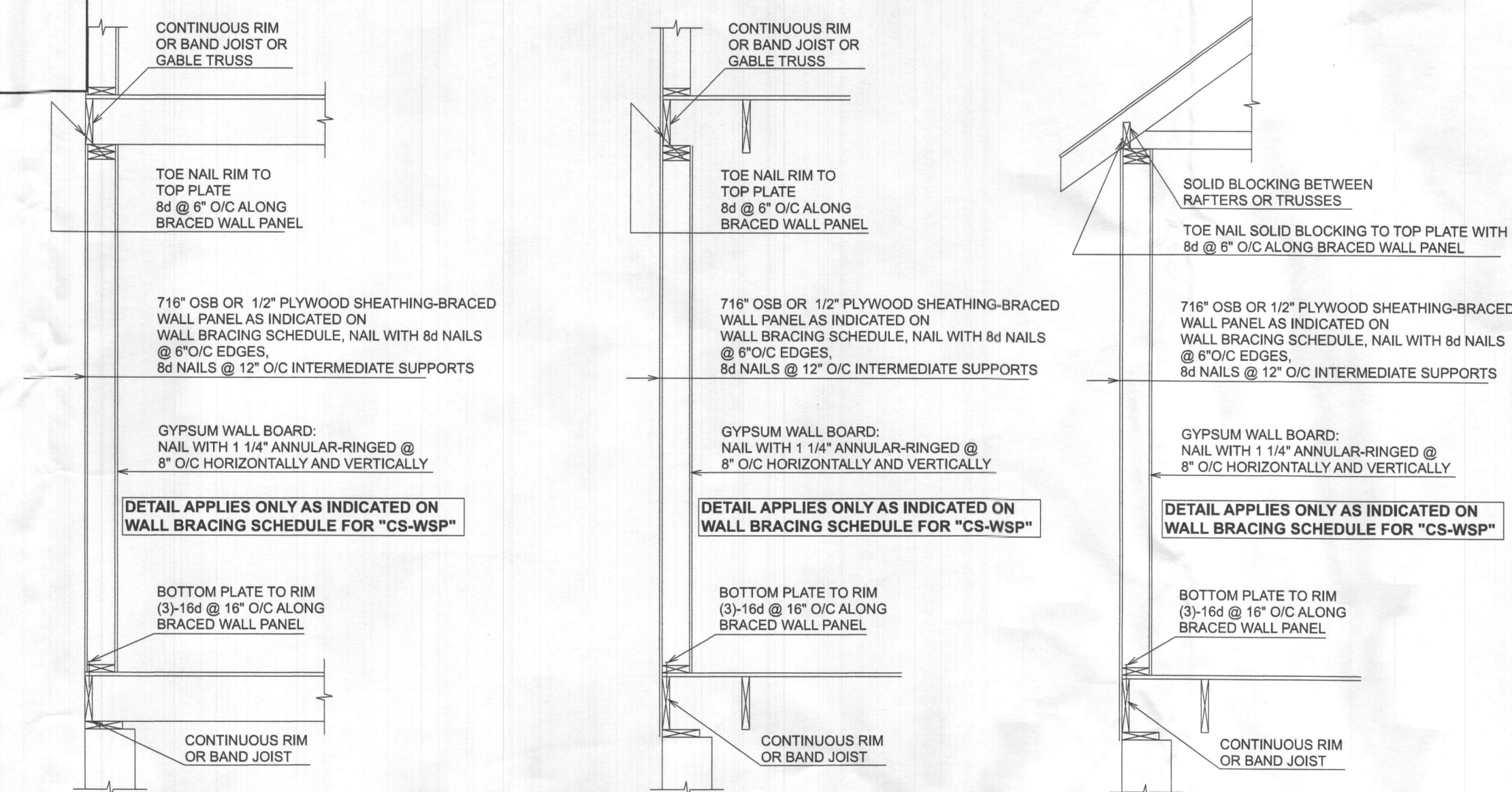
INTERIOR GYPSUM BOARD (GB) BRACED WALLS WHERE INDICATED TO BE FASTENED AT ALL EDGES w/ SCREWS OR NAILS @ 10"oc.

BRACED PANELS "WSP #" OR "CS-WSP #" INDICATES THE WIDTH IN INCHES AND LOCATION OF PANELS TO MEET CODE, THE SHEATHING & NAIL PATTERN IS THE SAME HERE AS ACROSS THE ENTIRE HOME, HOWEVER THE TOP & BOTTOM AT THIS LOCATION MUST BE FASTENED PER THE WSP FASTENING DETAILS.

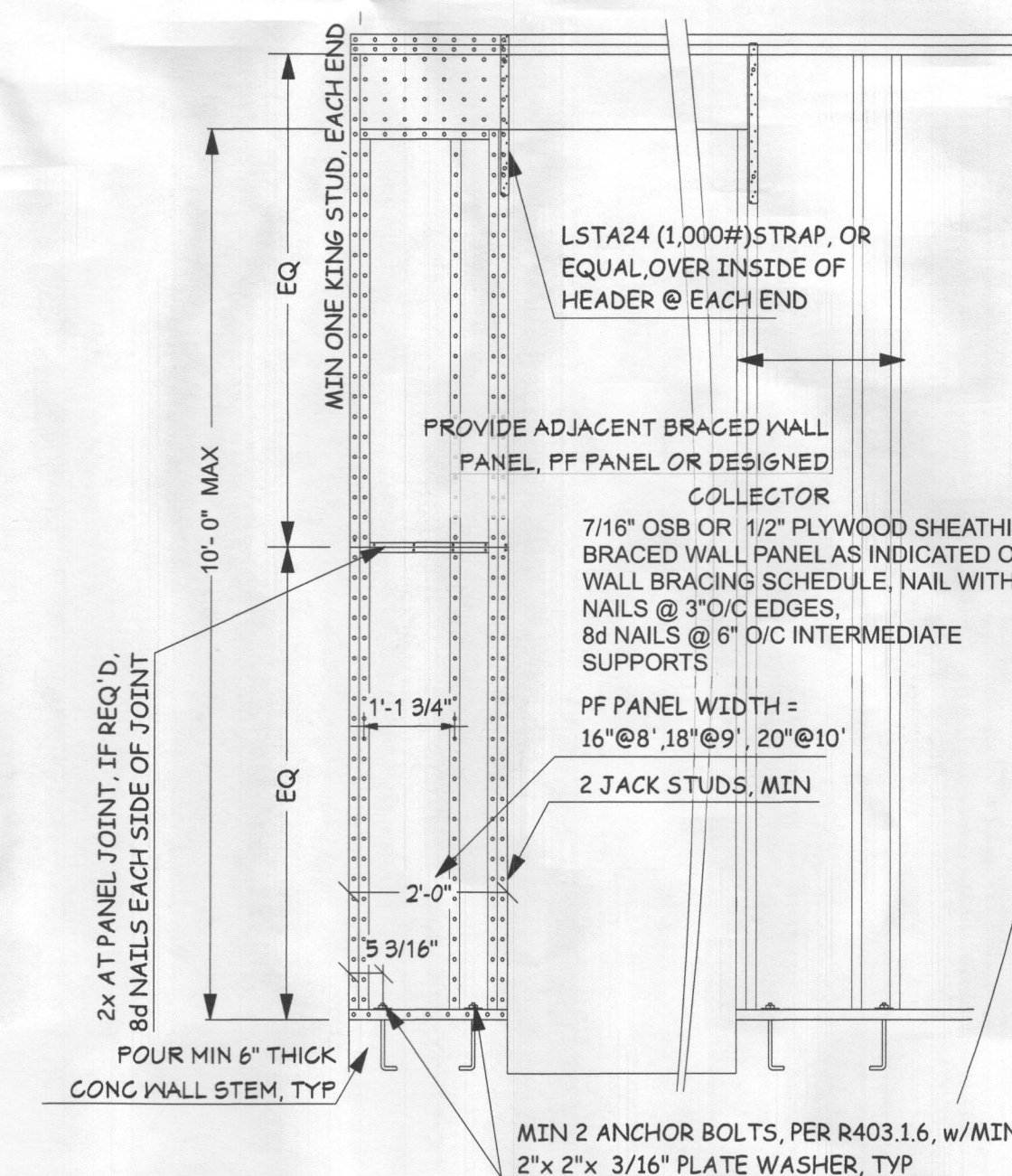
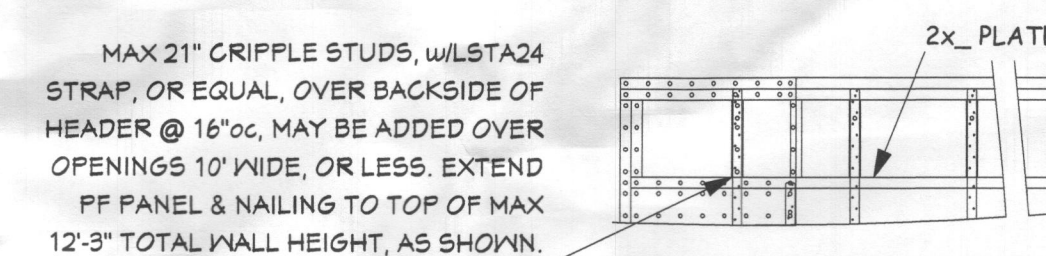
BRACED PANELS "GB #\" INDICATES THE WIDTH IN INCHES AND LOCATION OF GYPSUM BOARD PANELS TO MEET CODE, THE BOARD FASTENING, FASTENING AT THE TOP & BOTTOM & ADDITIONAL FLOOR & ROOF BLOCKING AT THIS LOCATION MUST BE PER THE GB FASTENING DETAILS.

BRACED PANEL "PF #" INDICATED A PORTAL FRAME &
REQUIRE SPECIAL ATTACHMENT OF THE HEADER. SEE
THE CS-PF PORTAL FRAME DETAIL.

EXTERIOR WALL CORNERS, INSIDE & OUTSIDE, MUST BE
CONSTRUCTED PER TYPICAL DETAILS.
BWL - INDICATES BRACED WALL LINE.
STRAPS, HANGERS, & ANCHORS INDICATED ARE TO BE
SIMPSON STRONG-TIE OR EQUAL.



4	DETAIL: CS-WSP Braced Wall Panel Fastening Detail per IRC 2018
A0009	Scale : N/A



5	DETAIL: CS-PF Braced Wall Panel Fastening Detail per IRC 2018
A0009	Scale : N/A

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Date:	September 28/2020

Date : OCTOBER 06/2020

Phase : **PERMIT**

Sheet Title :
**BRACED PANEL
FASTENING
DETAILS**

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