

**RELEASE FOR
CONSTRUCTION**
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI

FLOOR PLAN - SYMBOL 11/03/2020

DESCRIPTION	SYMBOL
INTERIOR LOAD BEARING WALL STONE OR BRICK VENEER	1
JOIST SIZE AND DIRECTION	1-2-3-4-5-6-7-8-9-10
HEADER / BEAM SCHEDULE	(A) 1
BEAM	HEADER / BEAM SCHEDULE NUMBER OF PLYS "U" IF UPSET
CENTERLINE	---
FRONT LOAD	---
APPROX. WINDOW FRAME SIZE IN INCHES (SEE GENERAL NOTES BELOW)	2x4
SMOKE ALARM	3
SMOKE + CARBON MONOXIDE ALARM	5

HEADER / BEAM SCHEDULE			
MARK	LUMBER SIZE	CRIPPLE STUDS	TRIMMERS
(A)	2 x 6	1	1
(B)	2 x 8	1	1
(C)	2 x 8	1	1
(D)	2 x 8	2	1
(E)	2 x 8	2	1
(F)	2 x 8	2	1
(G)	2 x 8	2	1
(H)	2 x 8	2	1
(I)	2 x 8	2	1
(J)	2 x 8	2	1
(K)	2 x 8	2	1
(L)	2 x 8	2	1
(M)	2 x 8	2	1

1. BEAMS SHALL HAVE TOTAL NUMBER OF CRIPPLES AND TRIMMERS UNDER EACH END. SOLID BLOCK BELOW.
2. FOR LVL BEAMS IN 2ND FLOOR, USE 9/16" LVL.

FLOOR JOIST SCHEDULE			
MARK	TYPE	SUB-TYPE	SIZE (SPACING) MAX. SPAN
FJ-1	"U" JOIST (SEE NOTE)	9/12"	PER MANUFACTURER
FJ-2	"U" JOIST (SEE NOTE)	1 1/8"	PER MANUFACTURER
FJ-3	"U" JOIST (SEE NOTE)	1 1/2"	PER MANUFACTURER
FJ-4	OPEN WEB TRUSSES	14"	PER MANUFACTURER
FJ-5	OPEN WEB TRUSSES	16"	PER MANUFACTURER
FJ-20	LUMBER	AGG. TREATED	2x10 @ 16" O.C.
FJ-21	LUMBER	AGG. TREATED	2x10 @ 16" O.C.
FJ-22	LUMBER	2x8	12" O.C. 14'-2"
FJ-23	LUMBER	2x8	18" O.C. 15'-7"
FJ-24	LUMBER	2x10	12" O.C. 11'-9"
FJ-25	LUMBER	2x10	18" O.C. 15'-5"
FJ-26	LUMBER	2x10	12" O.C. 15'-0"
FJ-27	LUMBER	2x10	18" O.C. 15'-1"

NOTE: DESIGN "U" JOISTS (LOADED W/ TOTAL LIVE AND DEAD LOAD) WITH A MAX. DEFLECTION OF L/360, EXCEPT BELOW BATHROOMS AND TILED AREAS WHERE THE DEFLECTION SHALL BE L/480 MAX.

CONCRETE WALL SCHEDULE			
MARK	CONCRETE WALL THICKNESS	REINFORCING GRADE 40	VERTICAL / HORIZONTAL
W-1	8"	4" OR LESS	4x4 AT 36" O.C. 2 - 4x4
W-2	8"	4" TO 6"	4x4 AT 36" O.C. 3 - 4x4
W-3	8"	6" TO 8"	4x4 AT 36" O.C. 4 - 4x4
W-4	8"	8"	4x4 AT 36" O.C. 4 - 4x4
W-5	8"	8"	4x4 AT 36" O.C. 5 - 4x4
W-6	8"	8"	4x4 AT 36" O.C. 6 - 4x4
W-7	8"	8"	4x4 AT 36" O.C. 7 - 4x4
W-8	8"	8"	4x4 AT 36" O.C. 8 - 4x4
W-9	8"	8"	4x4 AT 36" O.C. 9 - 4x4
W-10	8"	8"	4x4 AT 36" O.C. 10 - 4x4

COLUMN & PAD SCHEDULE			
MARK	PAD SIZE	"U" BARS REQ'D EACH WAY	COLUMN SIZE (SCHEDULE 40) / MAX. LOAD
(A)	36"x36"x2"	6	3" / 133 K
(B)	48"x48"x2"	8	3" / 249 K
(C)	60"x60"x2"	10	3 1/2" / 313 K
(D)	72"x72"x2"	12	5" / 540 K

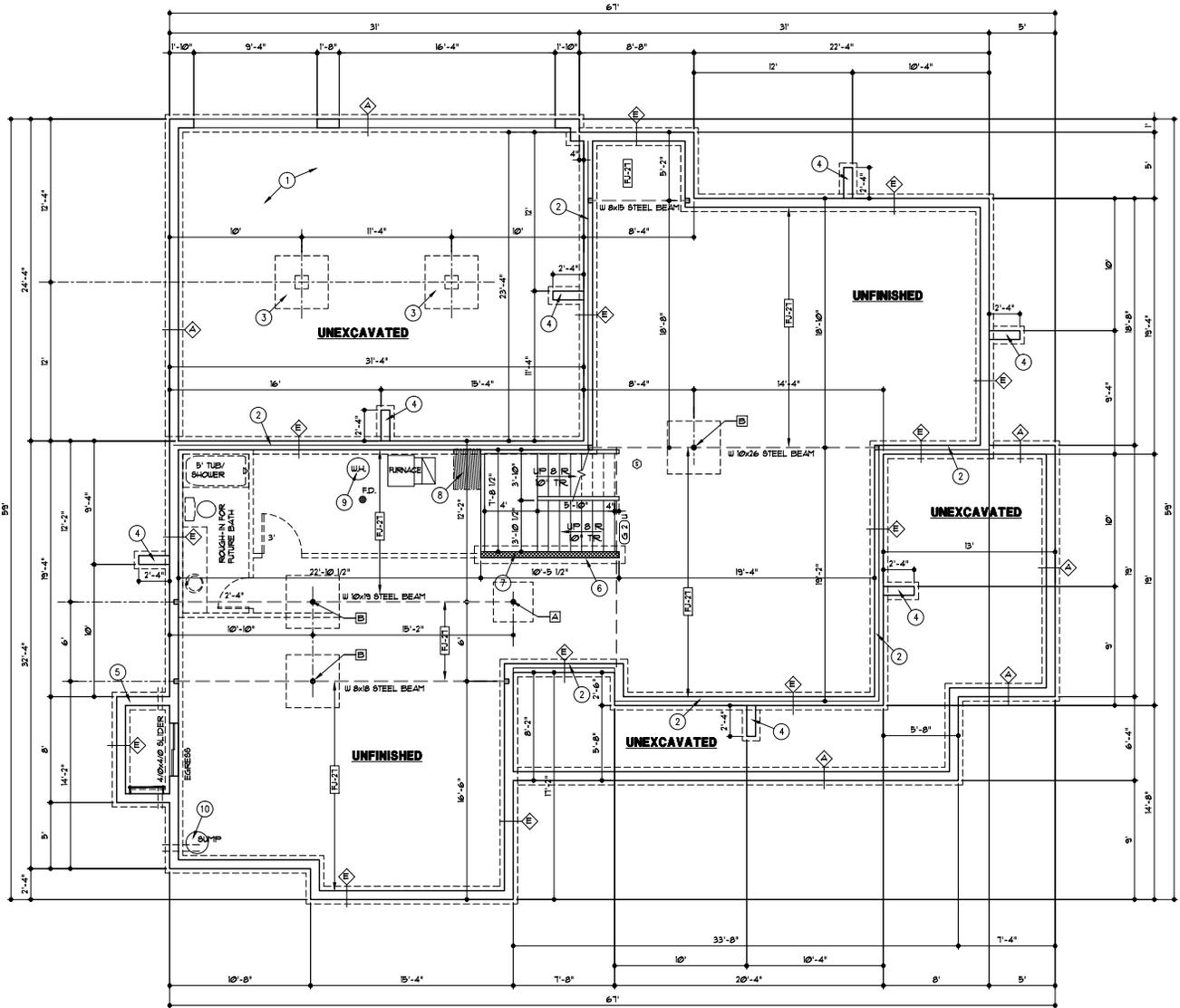
PIER SCHEDULE			
MARK	PIER DIAMETER	POST (AGG OR CEDAR UNO)	MAX. LOAD
(G)	18"	6x6 UNO	2.6 K
(H)	24"	6x6 UNO	4.1 K

GENERAL NOTES:
A. FOR COVERED PORCH FRAMING - SEE DETAIL 1/63
B. SEE 64 SHEET FOR LOCATION OF HOLD-DOWN TIES FOR RETURN WALL PANELS
C. FURNACE IS DIRECT VENT AND USES OUTSIDE AIR FOR COMBUSTION

FOUNDATION PLAN NOTES

- SEE DETAIL 3/52 FOR GARAGE SLAB CONSTRUCTION.
- BILL PLATE SET BACK - SEE DETAILS 4/9/52
- CONCRETE PIER AND PAD - SEE DETAIL 3/52
- RETURN WALL - SEE DETAIL 8/52
- CONCRETE WINDOW WELL WITH LADDER - SEE DETAIL 3/52
- 16" WIDE X 8" DEEP CONCRETE FOOTING W/2-#4 BARS CONTINUOUS

- 2x6 STUDS @ 16" O.C. WITH TREATED BILL PLATE
- HVAC CHASE ABOVE
- PROVIDE THERMAL EXPANSION CONTROL DEVICE
- SUMP PIT + PUMP, PROVIDE ELECTRICAL RECEPTACLE WITH GFCI PROTECTION. PROVIDE SLEEVE THROUGH FOOTING



THESE DRAWINGS TO BE USED FOR THIS ADDRESS ONLY AND THEY SHALL NOT BE USED AS MASTER PLAN

FOUNDATION PLAN
1/4" = 1'-0"

DESIGNED BY: ARCHITECTS
CHECKED BY: ARCHITECTS
DATE: 10-8-20
PROJECT NO: 20-05-01

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KANSAS CITY, MO 64111

STATE OF MISSOURI
REGISTERED PROFESSIONAL ARCHITECT
NO. 10000
10/22/2020

DRAWN BY: KF, MP
DATE: 10-8-20
PROJECT NO: 20-05-01

SHEET NO. **A1**

**RELEASE FOR
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DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI**

FLOOR PLAN - SYMBOL 11/03/2020

DESCRIPTION	SYMBOL
INTERIOR LOAD BEARING WALL	---
STONE OR BRICK VENEER	---
JOIST SIZE AND DIRECTION	---
HEADER / BEAM SCHEDULE	---
BEAM	---
SIZE OF MEMBER PER SCHEDULE	(A) 1
NUMBER OF FLYS	---
"U" IF UPSET	---
CENTERLINE	---
FRONT LOAD	---
APPROX. WINDOW FRAME SIZE IN INCHES (SEE GENERAL NOTES BELOW)	---
SMOKE ALARM	(S)
SMOKE + CARBON MONOXIDE ALARM	(SM)

HEADER / BEAM SCHEDULE			
MARK	LUMBER SIZE	CRIPPLE STUDS	TRIMMERS
(A)	2 x 6	1	1
(B)	2 x 8	1	1
(C)	2 x 10	1	1
(D)	2 x 12	1	1
(E)	2 x 14	1	1
(F)	2 x 16	1	1
(G)	2 x 18	1	1
(H)	2 x 20	1	1
(I)	2 x 22	1	1
(J)	2 x 24	1	1
(K)	2 x 26	1	1
(L)	2 x 28	1	1
(M)	2 x 30	1	1
(N)	2 x 32	1	1
(O)	2 x 34	1	1
(P)	2 x 36	1	1
(Q)	2 x 38	1	1
(R)	2 x 40	1	1
(S)	2 x 42	1	1
(T)	2 x 44	1	1
(U)	2 x 46	1	1
(V)	2 x 48	1	1
(W)	2 x 50	1	1
(X)	2 x 52	1	1
(Y)	2 x 54	1	1
(Z)	2 x 56	1	1

1. BEAMS SHALL HAVE TOTAL NUMBER OF CRIPPLES AND TRIMMERS UNDER EACH END. SOLID BLOCKING BELOW.
2. FOR LVL BEAMS IN 2ND FLOOR, USE 9/16" LVL.

FLOOR JOIST SCHEDULE			
MARK	TYPE	SIZE	SPACING / MAX. SPAN
FJ-1	"I" JOIST (SEE NOTE)	9/12"	PER MANUFACTURER
FJ-2	"I" JOIST (SEE NOTE)	11/16"	PER MANUFACTURER
FJ-3	"I" JOIST (SEE NOTE)	14"	PER MANUFACTURER
FJ-4	OPEN WEB TRUSSES	14"	PER MANUFACTURER
FJ-5	OPEN WEB TRUSSES	16"	PER MANUFACTURER
FJ-6	LUMBER AGG. TREATED	2x10	12' O.C. 18'-2"
FJ-7	LUMBER AGG. TREATED	2x10	16' O.C. 14'
FJ-8	LUMBER	2x8	12' O.C. 14'-2"
FJ-9	LUMBER	2x8	16' O.C. 11'-11"
FJ-10	LUMBER	2x10	16' O.C. 18'-5"
FJ-11	LUMBER	2x10	16' O.C. 18'-11"

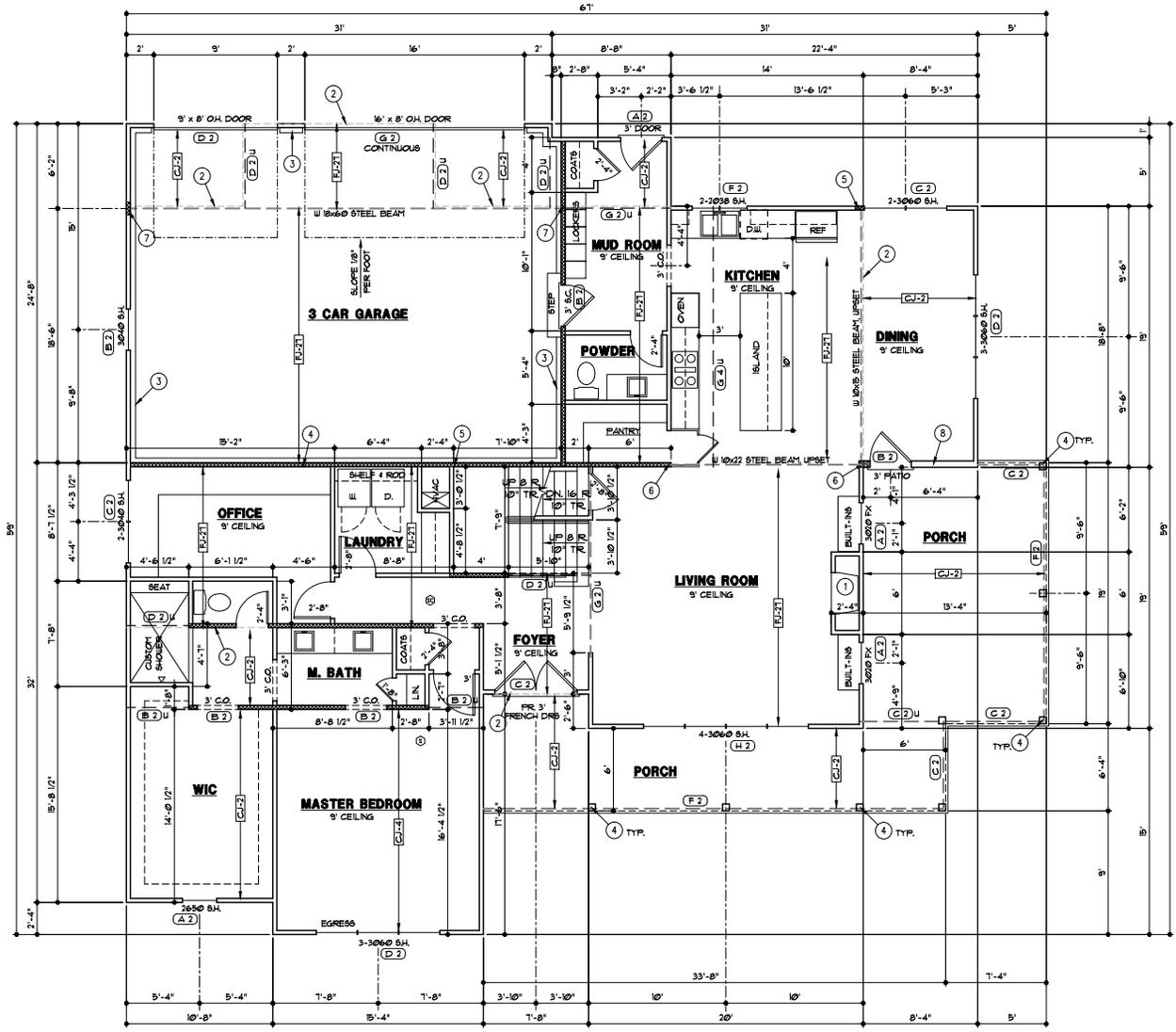
NOTE: DESIGN "I" JOISTS (LOADED W/ TOTAL LIVE AND DEAD LOAD) WITH A MAX. DEFLECTION OF L/360, EXCEPT BELOW BATHROOMS AND TILED AREAS WHERE THE DEFLECTION SHALL BE L/480 MAX.

CEILING JOISTS SCHEDULE - LIVE LOAD 10 P.S.F.			
MARK	SIZE	SPACING	MAXIMUM SPAN - DOUGLAS FIR #1
CJ-1	2x6	19"	19'-4"
CJ-2	2x6	16"	17'-8"
CJ-3	2x8	19"	20'-8"
CJ-4	2x8	16"	23'-0"
CJ-5	2x10	12"	26'-0"
CJ-6	2x10	16"	26'-0"
CJ-7	2x4	24"	9'-0"
CJ-8	2x6	24"	14'-0"
CJ-9	2x8	24"	18'-0"
CJ-10	2x10	24"	22'-0"

SQUARE FOOTAGE TABLE	
LOCATION	AREA (SF.)
FIRST FLOOR	1932
SECOND FLOOR	1825
TOTAL	3831
GARAGE	180
BASEMENT (FINISHED)	2075
FRONT PORCH	414

GENERAL NOTES:
A. EXTERIOR WALLS ARE 2x4 STUDS AT 16" O.C. UNLESS OTHERWISE NOTED.
B. FOR DECK OR COVERED DECK FRAMING - SEE DETAIL V-3

- FLOOR PLAN NOTES
- 36" DIRECT VENT FIREPLACE
 - FLOOR LINE ABOVE
 - EXPOSED FOUNDATION WALL
 - 6x6 CEDAR POSTS
 - 4 STUDS FOR BEARING. SOLID BLOCKING BELOW
 - 5 STUDS FOR BEARING. SOLID BLOCKING BELOW
 - 6 STUDS FOR BEARING. SOLID BLOCKING BELOW
 - 2x6 STUDS AT 24" O.C.



THESE DRAWINGS TO BE USED FOR THIS ADDRESS ONLY AND THEY SHALL NOT BE USED AS MASTER PLAN

FIRST FLOOR PLAN
1/4" = 1'-0"

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DRAWN BY: KF, YFP
DATE: 10-8-20
PROJECT NO: 20-05-01

SHEET NO. **A2**

**RELEASE FOR
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LEE'S SUMMIT, MISSOURI**

FLOOR PLAN - SYMBOL 11/03/2020

DESCRIPTION	SYMBOL
INTERIOR LOAD BEARING WALL	10
STONE OR BRICK VENEER	11
JOIST SIZE AND DIRECTION	12
HEADER / BEAM PER BEAM	13
HEADER / BEAM SCHEDULE	(A) 1
NUMBER OF FLYS	14
"U" IF UPSET	
CENTERLINE	15
FRONT LOAD	16
APPROX. WINDOW FRAME SIZE IN INCHES (SEE GENERAL NOTES BELOW)	17
SMOKE ALARM	18
SMOKE + CARBON MONOXIDE ALARM	19

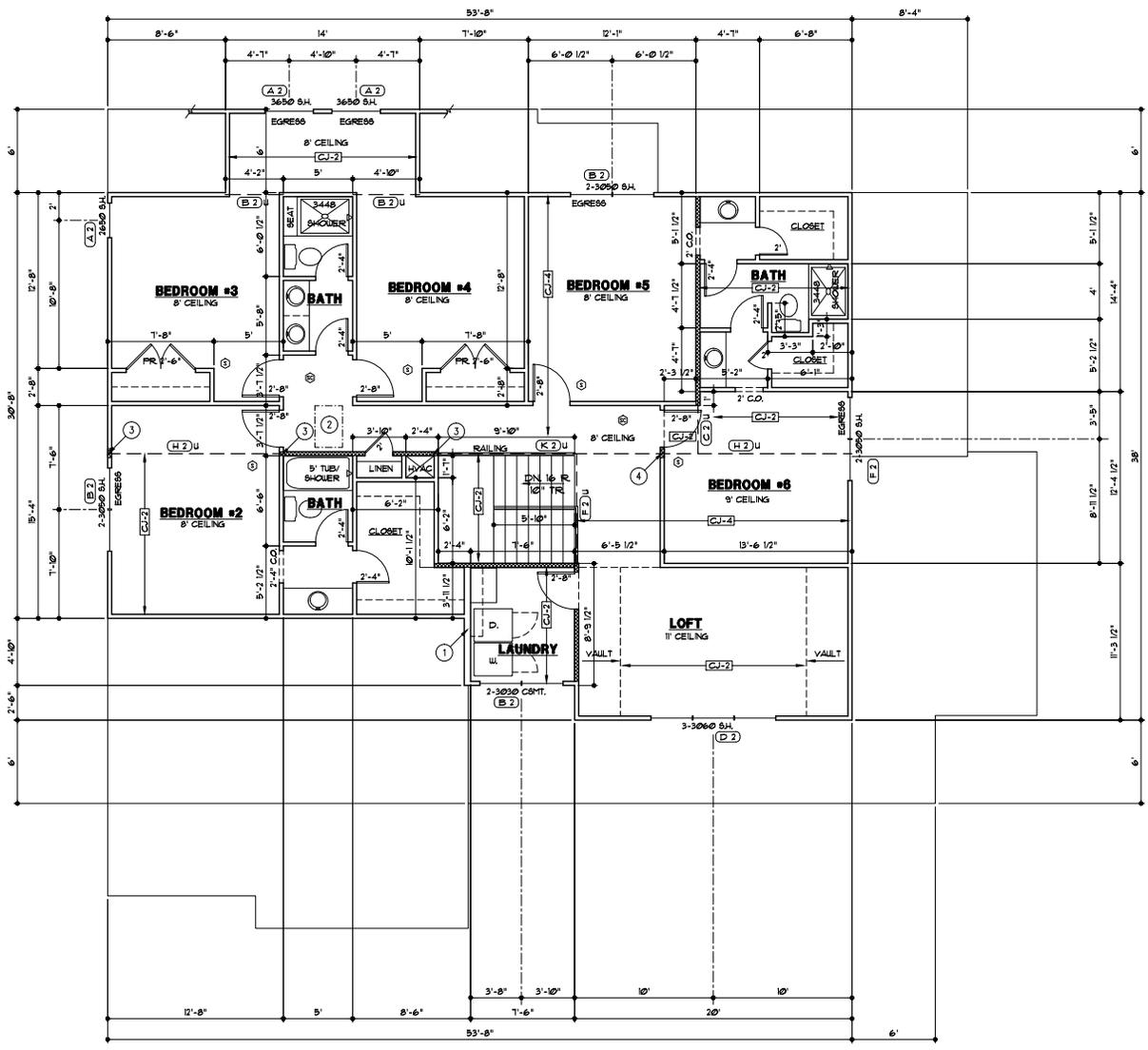
HEADER / BEAM SCHEDULE			
MARK	LUMBER SIZE	CRIPPLE STUDS	TRIMMERS
(A)	2 x 6	1	1
(B)	2 x 8	1	1
(C)	2 x 10	1	1
(D)	2 x 12	2	1
(E)	1 1/2" x 10" LVL	2	1
(F)	1 1/2" x 8" LVL	2	1
(G)	1 1/2" x 6" LVL	2	1
(H)	1 1/2" x 4" LVL	2	1
(I)	1 1/2" x 3" LVL	3	1
(J)	1 1/2" x 2" LVL	3	1
(K)	1 1/2" x 1 1/2" LVL	1	1
(L)	1 1/2" x 1 1/4" LVL	1	1
(M)	1 1/2" x 1 1/8" LVL	1	1

1. BEAMS SHALL HAVE TOTAL NUMBER OF CRIPPLES AND TRIMMERS UNDER EACH END. SOLID BLOCK BELOW.
2. FOR LVL BEAMS IN 2ND FLOORS, USE 9/16" LVL.

CEILING JOISTS SCHEDULE - LIVE LOAD 10 P.S.F.			
MARK	SIZE	SPACING	MAXIMUM SPAN - DOUGLAS FIR #2
CJ-1	2x6	12"	19'-6"
CJ-2	2x6	16"	17'-8"
CJ-3	2x8	16"	25'-8"
CJ-4	2x8	16"	23'-0"
CJ-5	2x10	16"	26'-0"
CJ-6	2x10	16"	24'-0"
CJ-7	2x4	24"	9'-0"
CJ-8	2x6	24"	14'-0"
CJ-9	2x8	24"	18'-0"
CJ-10	2x10	24"	22'-0"

GENERAL NOTES:
A. EXTERIOR WALLS ARE 2x4 STUDS AT 16" O.C. UNLESS OTHERWISE NOTED.
B. SOLID BLOCKING BELOW STUDS SUPPORTING BEAMS AND HEADERS.

FLOOR PLAN NOTES
1. 2x6 STUDS AT 16" O.C.
2. 1'-10"x3" ATTIC ACCESS
3. 3 STUDS
4. 4 STUDS



THESE DRAWINGS TO BE USED FOR THIS ADDRESS ONLY AND THEY SHALL NOT BE USED AS MASTER PLAN

SECOND FLOOR PLAN
1/4" = 1'-0"

DESIGNED BY: ARCHITECTS
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DRAWN BY: KF, 11P
DATE: 10-8-20
PROJECT NO: 20-05-01

SHEET NO. **A3**

**RELEASE FOR
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LEE'S SUMMIT, MISSOURI**

ROOF PLAN LEGEND 11/03/2020

DESCRIPTION	SYMBOL
RIDGES AND HIP	—————
VALLEYS	—————
EAVES RAKE & GABLE	—————
HOUSE WALLS	—————
FURLIN	○
TOP OF FURLIN STRUT OR RIDGE POLE	○
BOY OF FURLIN STRUT OR RIDGE POLE	○
JOIST SIZE AND SPACING	← RU-X →
UPLIFT VALUE	○○○○

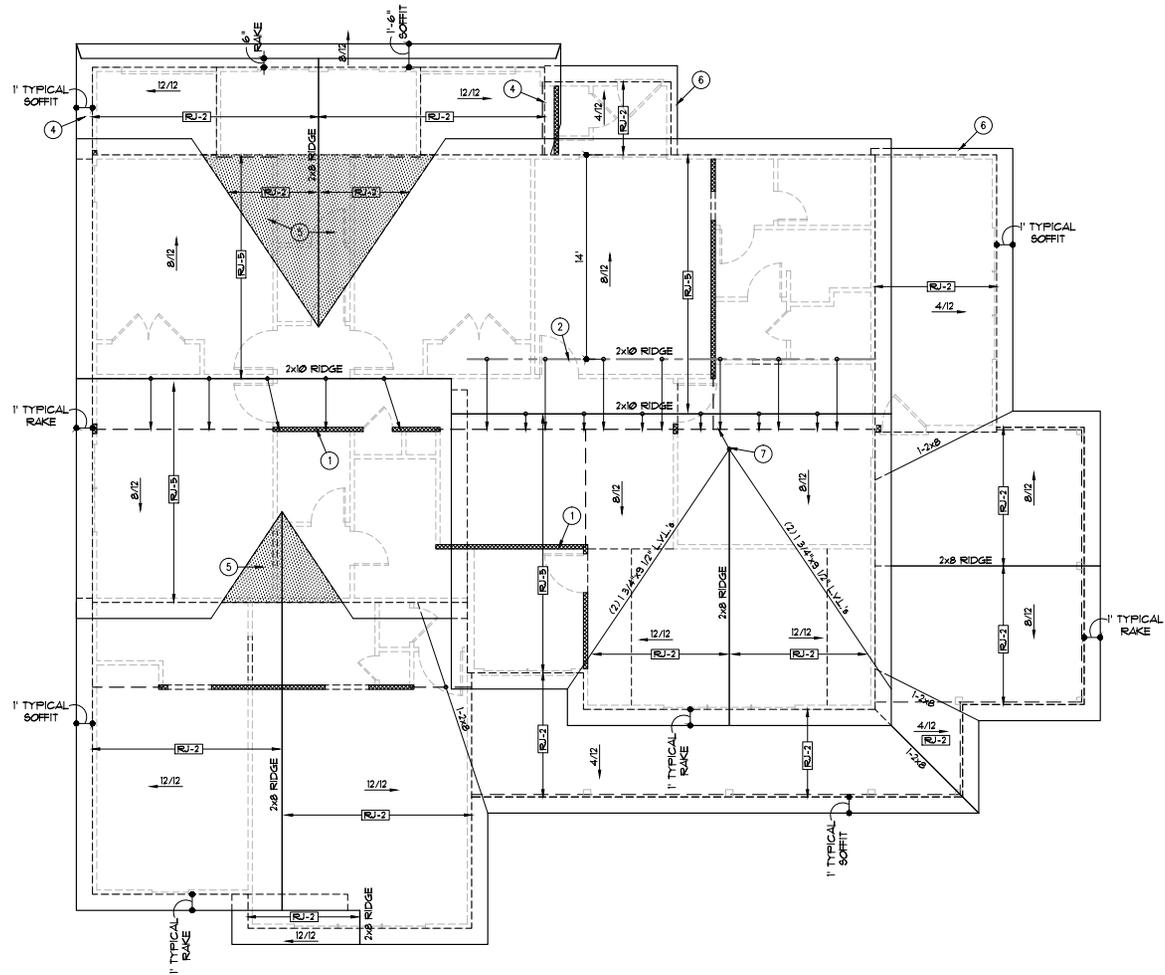
ROOF RAFTER SCHEDULE

MARK	SIZE	SPACING	MAXIMUM SPAN FLAT CEILING	VALLED CEILING
RU-1	2x6	12"	16'-11"	14'-9"
RU-2	2x6	16"	14'-4"	12'-9"
RU-3	2x6	24"	11'-9"	10'-3"
RU-4	2x8	12"	21'-0"	18'-6"
RU-5	2x8	16"	18'-2"	16'-2"
RU-6	2x8	24"	14'-10"	13'-2"
RU-7	2x10	12"	22'-9"	22'-9"
RU-8	2x10	16"	22'-5"	19'-9"
RU-9	2x10	24"	18'-2"	16'-1"
RU-10	2x12	16"	22'-9"	20'-5"
RU-11	2x12	24"	18'-2"	22'-10"

- GENERAL NOTES:**
- WHERE POSSIBLE, BRACE ALL RIDGES TO BEARING WALLS OR BEAMS BELOW, AT 4' O.C. WHERE POSSIBLE.
 - STRUTS TO BEAR ON WALLS AS INDICATED. CONTACT ARCHITECT WITH ANY PROPOSED CHANGE TO STRUT BEARING LOCATIONS. ARCHITECT MAY NEED TO VERIFY THAT BEAMS BELOW NEW STRUT LOCATION CAN SUPPORT ADDED LOADS.
 - ROOFING TO BE COMPOSITION-40 YR ON 30° FELT ON 1/8" O.S.B. SHEATHING.

ROOF PLAN NOTES

- BEARING WALL OR BEAM BELOW
- 2x8 FURLIN WITH 2x6 "T" BRACES AT 4' O.C. TO BEARING WALL/ BEAM BELOW
- 2x6 "T" BRACE TO BEARING WALL OR BEAM BELOW. BRACE SHALL BE CONNECTED TO STRUCTURE AT ROOF AND CEILING WITH MINIMUM (3) 16d NAILS.
- SET ROOF RAFTERS ON TOP OF FLOOR JOIST
- OVER FRAME THIS AREA
- TIGHT BARGE SOFFIT
- (3) 2x6 STRUT



THESE DRAWINGS TO BE USED FOR THIS ADDRESS ONLY AND THEY SHALL NOT BE USED AS MASTER PLAN

ROOF PLAN
1/4" = 1'-0"

OSHA APPROVED - ARCHITECTS
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Webster architects

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DATE: 10/12/2020

DRAWN BY: KF, MP
 DATE: 9-16-20
 PROJECT NO: 20-05-01

SHEET NO. **A4**

**RELEASE FOR
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LEE'S SUMMIT, MISSOURI**

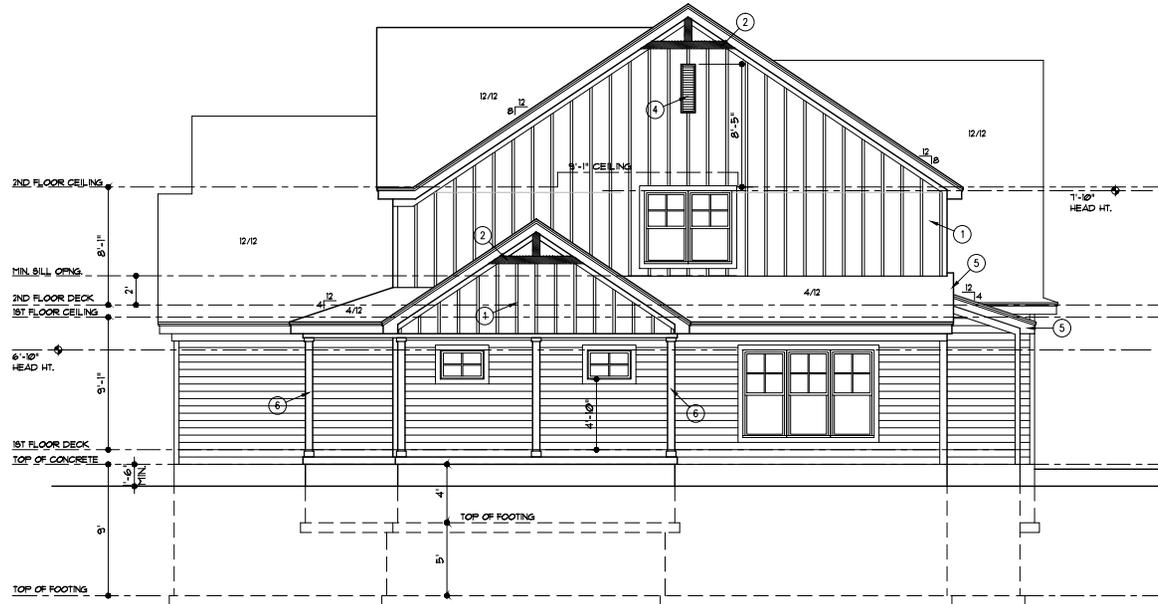
GENERAL NOTES

11/03/2020

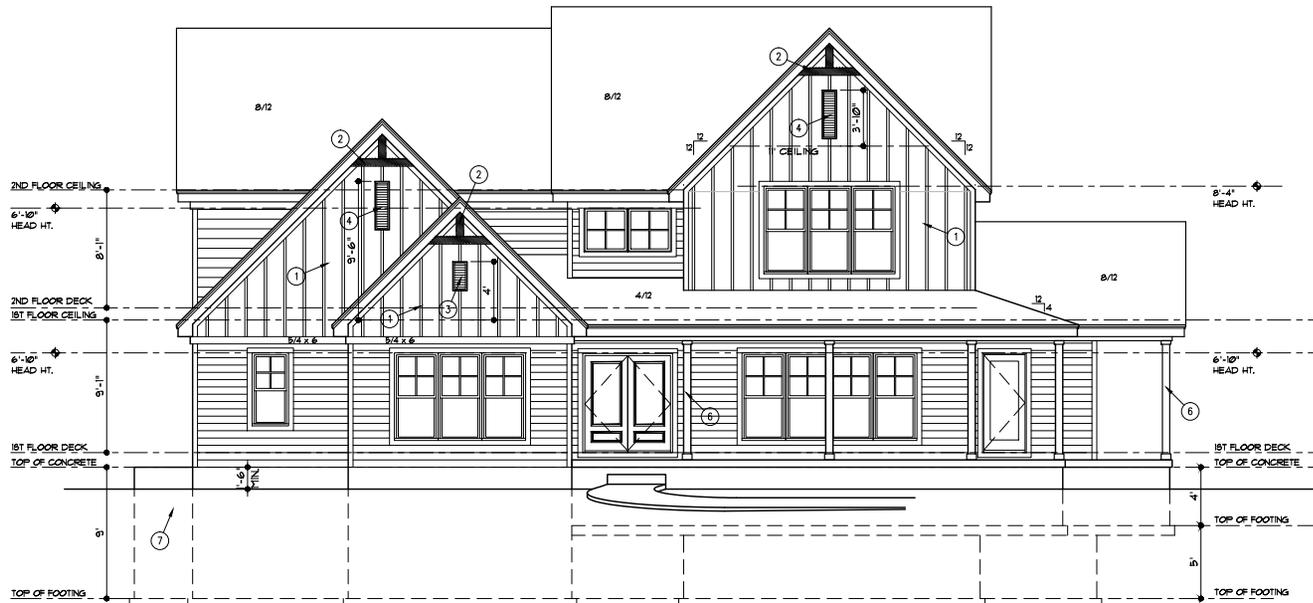
- A. ROOFING TO BE COMPOSITIONAL 30 YEAR 30° FELT ON 1/8" O.S.B. SHEATHING
B. SMART LAP SIDING WITH 6" EXPOSURE AND 5/4x6 SMART TRIM AT CORNERS, DOORS AND WINDOWS

ELEVATION NOTES

1. BOARD & BATTEN SIDING WITH 1/2 BATTENS 16" O.C. PROVIDE 1/4 TRIM AT CORNERS, AROUND WINDOWS AND DOORS, AND AT EAVES ON GABLES
2. 6x6 CEDAR TRIM
3. 12"x24" GABLE VENT
4. 12"x40" GABLE VENT
5. TIGHT BARGE
6. 6x6 CEDAR POSTS
7. CONCRETE EGRESS WINDOW WELL. WINDOW SET AT MAX. 44" FROM FINISH FLOOR TO SILL



RIGHT SIDE ELEVATION
1/4" = 1'-0"



FRONT ELEVATION
1/4" = 1'-0"

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KANSAS CITY, MO 64111



DRAWN BY: KF, MP
DATE: 10-8-20
PROJECT NO: 20-05-01

SHEET NO. **A5**

**RELEASE FOR
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DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI**

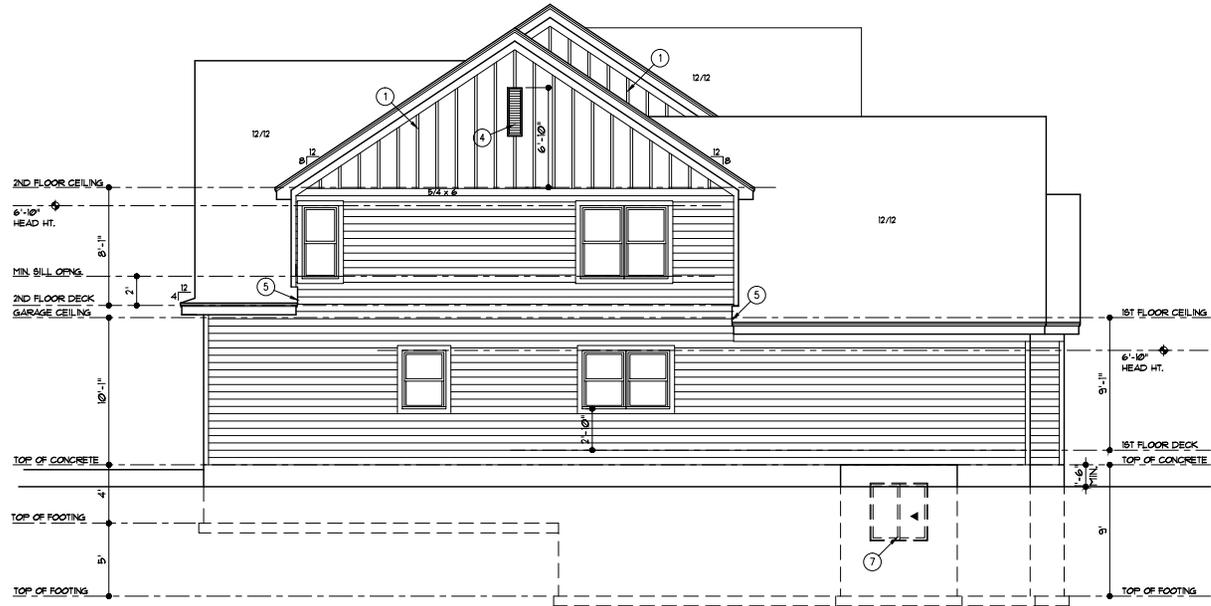
GENERAL NOTES

11/03/2020

- A. ROOFING TO BE COMPOSITIONAL 1/2" ON 3/8" FELT ON 1/8" O.S.B. SHEATHING
B. SMART LAP SIDING WITH 6" EXPOSURE AND 5/4x6 SHIRT TRIM AT CORNERS, DOORS AND WINDOWS

ELEVATION NOTES

1. BOARD & BATTEN SIDING WITH 1/2 BATTENS 16" O.C. PROVIDE 1/4 TRIM AT CORNERS, AROUND WINDOWS AND DOORS, AND AT EAVES ON GABLES
2. 6x6 CEDAR TRIM
3. 12"x24" GABLE VENT
4. 12"x40" GABLE VENT
5. TIGHT BARGE
6. 6x6 CEDAR POSTS
7. CONCRETE EGRESS WINDOW WELL. WINDOW SET AT MAX. 44" FROM FINISH FLOOR TO SILL



LEFT SIDE ELEVATION
1/4" = 1'-0"



REAR ELEVATION
1/4" = 1'-0"

THESE DRAWINGS TO BE USED FOR THIS ADDRESS ONLY AND THEY SHALL NOT BE USED AS MASTER PLAN

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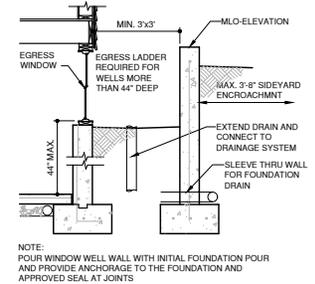
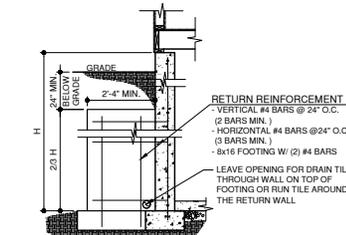
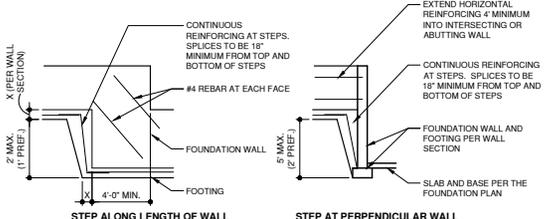
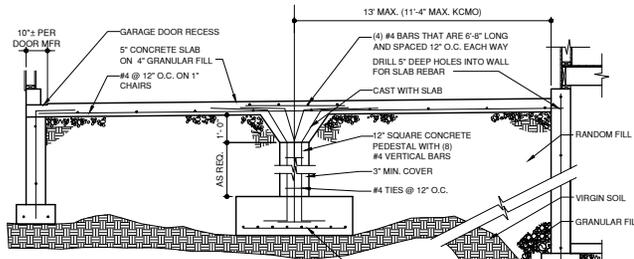
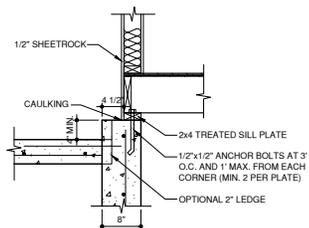
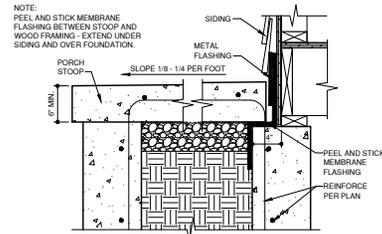
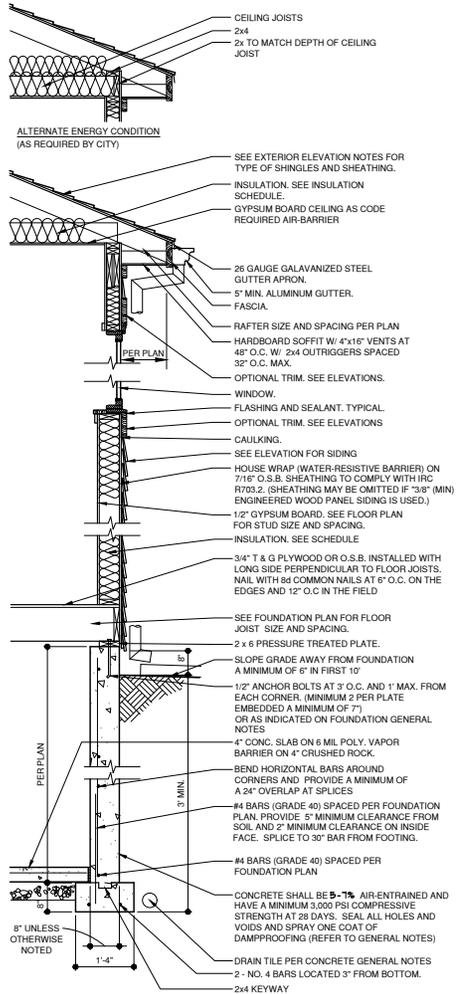
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DATE: 10-8-20
PROJECT: 20-05-01

SHEET NO. **A6**

11/03/2020



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10/7/2020

DRAWN BY: KF, YP
DATE: 9-16-20
PROJECT NO. 20-05-01

SHEET NO. **G2**

**RELEASE FOR
CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI**

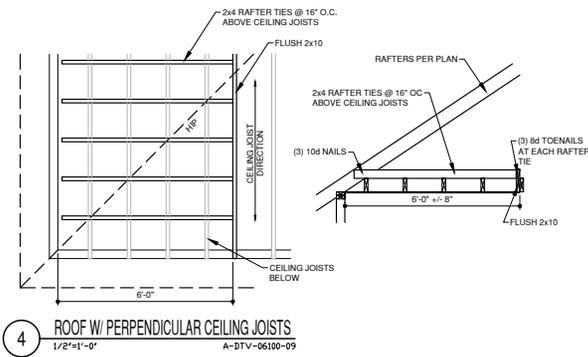
11/03/2020

TABLE R602.10.6.4
TENSION STRAP CAPACITY REQUIRED FOR RESISTING WIND PRESSURES
PERPENDICULAR TO METHOD PFH, PFG, AND CS-PF BRACED WALL PANELS

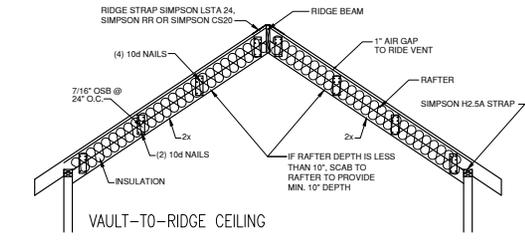
5-6-14

MINIMUM WALL STUD FRAMING NORMAL SIZE AND GRADE	MAXIMUM PORY WALL HEIGHT (feet)	MAXIMUM TOTAL WALL HEIGHT (feet)	MAXIMUM OPENING WIDTH (feet)	TENSION STRAP CAPACITY REQUIRED (pounds) a,b		NO. OF 8d COMMON NAILS REQUIRED AT FLAT 2x6	
				BASIC WIND SPEED (mph)		BASIC WIND SPEED (mph)	
				90	90	90	90
2 x 4 NO. 2 GRADE	0	10	18	1,000	1,000	8	8
			9	1,000	1,000	8	8
			16	1,000	2,325	8	16
	1	10	18	1,200	2,725	8	18
			9	1,000	1,550	8	10
			16	2,025	3,900	14	26
	2	10	18	2,400	DR	16	DR
			9	1,200	2,750	8	12
			16	3,200	DR	22	DR
	2	12	18	3,850	DR	26	DR
			9	2,350	DR	16	DR
			16	DR	DR	DR	DR
4	12	18	DR	DR	DR	DR	
		9	1,200	1,750	8	12	
		16	2,050	3,550	14	24	
2 x 6 STUD GRADE	2	12	18	2,450	4,100	14	28
			9	1,500	2,775	10	18
			16	3,150	DR	18	DR
4	12	18	DR	DR	DR	DR	
		9	DR	DR	DR	DR	
		16	DR	DR	DR	DR	

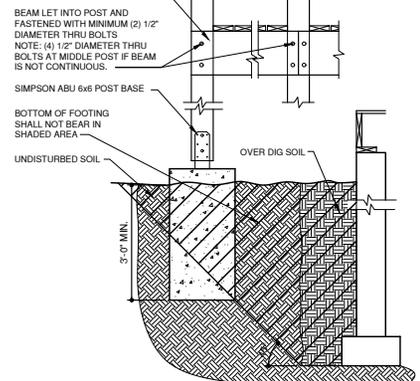
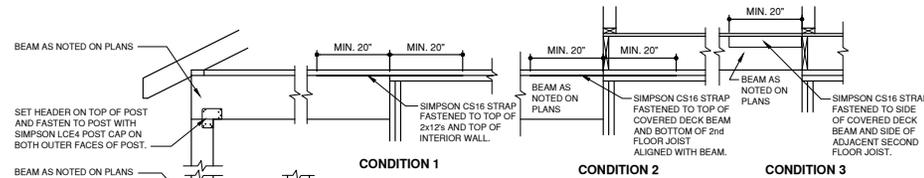
a. DR = DESIGN REQUIRED
b. STRAP SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.



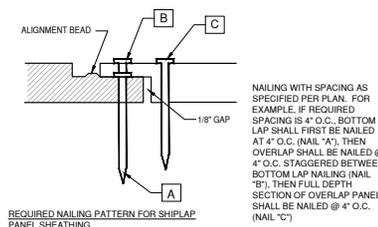
4 ROOF W/ PERPENDICULAR CEILING JOISTS
1/2"x1'-0" A-DTV-06100-09



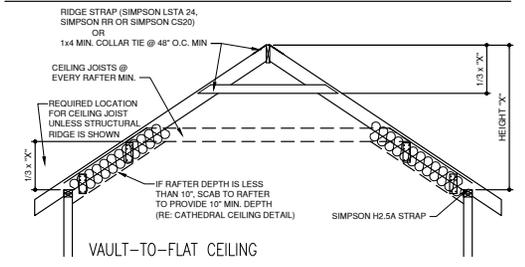
3 ROOF FRAMING DETAIL
1/2"x1'-0" A-DTV-06100-04



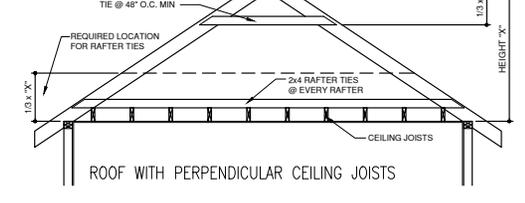
1 COVERED PORCH DETAIL
3/4"x1'-0" A-DTV-06100-07



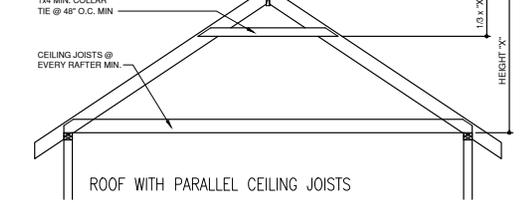
2 SHEATHING NAILING DETAIL
1/2"x1'-0" A-DTV-06062-28



3 ROOF FRAMING DETAIL (continued)
1/2"x1'-0" A-DTV-06100-04



3 ROOF FRAMING DETAIL (continued)
1/2"x1'-0" A-DTV-06100-04



3 ROOF FRAMING DETAIL (continued)
1/2"x1'-0" A-DTV-06100-04

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10/12/2020

DRAWN BY: KFI, 1"=1'
DATE: 9-16-20
PROJECT NO: 20-05-01

SHEET NO. **G3**

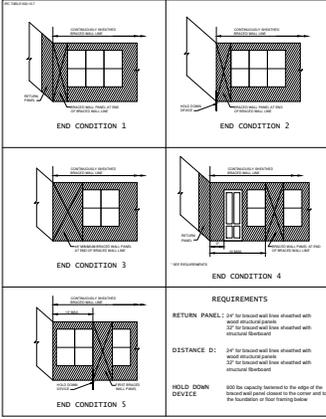
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LEE'S SUMMIT, MISSOURI

11/03/2020

BRACED WALL SCHEDULE

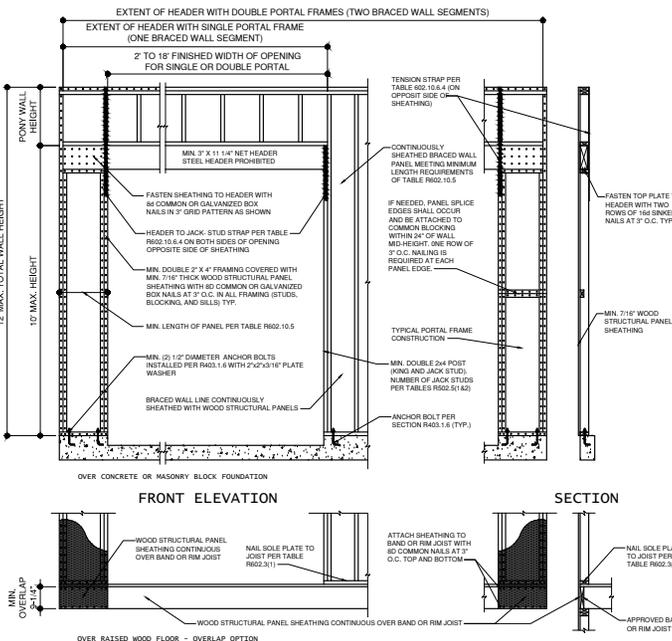
8-18-20

METHOD NUMBER	DESCRIPTION	MINIMUM LENGTH	FASTENERS
LIB	LET-IN BRACING: METAL STRAPS TO FORM "X" OR "V" INSTALLED PER MANUFACTURER (SIMPSON-WB1262, TMB12, WB143C) (USP: RWB114, WB12)	AS REQUIRED TO ALLOW BRACE TO BE CONTINUOUS FROM PLATE TO PLATE AND AT AN ANGLE BETWEEN 45° TO 60° FROM HORIZONTAL	PER MANUFACTURER'S REQUIREMENTS
WSP	WOOD STRUCTURAL PANEL - 3/8" THICK (MIN) FOR STUDS AT 16" O.C. (APA EXP. 1 - PLYWOOD O.S.B. ETC.)	MIN. 48"	6d COMMON NAILS, 7" O.C. AT EDGES AND 12" O.C. AT INTERMEDIATES
CS-WSP	CONTINUOUS SHEATHING: WOOD STRUCTURAL PANEL 5/16" THICK (MIN) (APA EXP. 1 - PLYWOOD O.S.B.)	CONTINUOUS ON ALL EXTERIOR WALLS	6d COMMON NAILS, 36d COMMON NAILS - 7" O.C. AT EDGES AND 12" O.C. AT INTERMEDIATES
GB	GYPSUM BOARD: 1/2" THICK MIN.	96" IF GYP. BOARD 1 SIDE 48" IF GYP. BOARD 2 SIDES (STUDS AT 16" O.C. MAX. FOR 48" LONG PANELS)	6d NAILS OR 1 1/4" SCREWS (TYPE W OR S, 7" O.C. AT EDGES AND 7" O.C. AT INTERMEDIATES (CAN SUBSTITUTE COOLER NAILS)
PFH-PFG	PORTAL FRAME GARAGE: WITH HOLD-DOWNS	SEE DETAIL 1/G3 FOR MIN. WALL LENGTH	PER DETAIL 1/G3
CS-PF	CONTINUOUS SHEATHING: PORTAL FRAME	SEE DETAIL 1/G3 FOR MIN. WALL LENGTH	PER DETAIL 1/G3

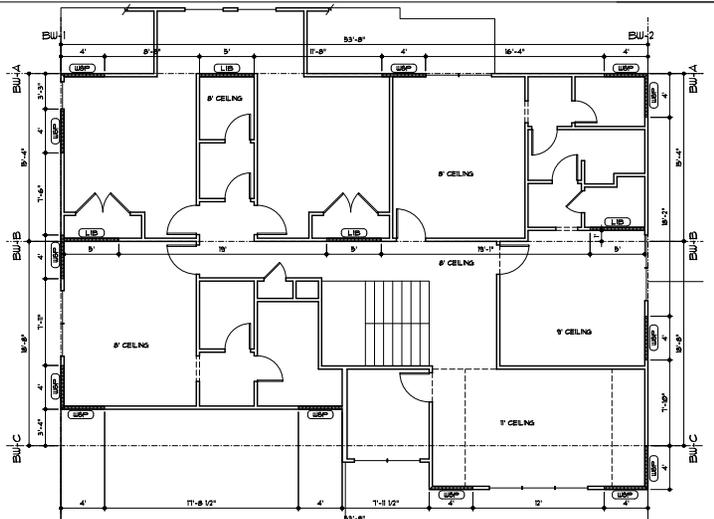


BRACED WALL DESIGN:

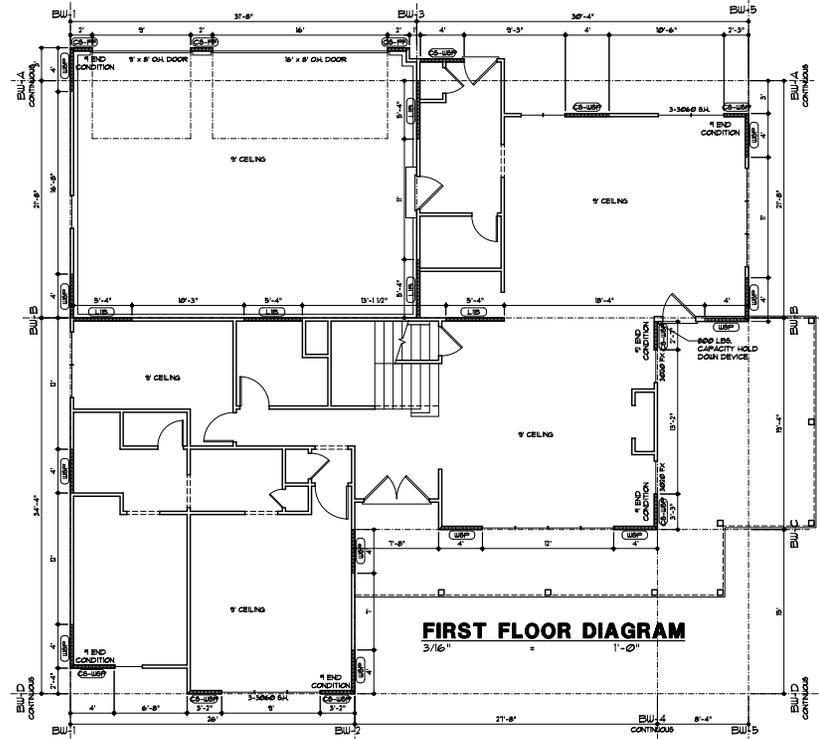
- A. THE CONTINUOUSLY SHEATHED (CS-WSP) BRACED WALL METHOD HAS BEEN USED ON ALL EXTERIOR WALLS PER THE IRC.
- B. AT EXTERIOR WALLS AND AT THE WALL BETWEEN THE GARAGE AND THE LIVING SPACE, ATTACH WALL SOLE PLATE TO ALL RIM JOISTS (THROUGH SUB-FLOOR) WITH 16d COMMON (2x162x3 1/2") NAILS @ 12" O.C.
- C. ALL EXTERIOR WALLS SHALL BE SHEATHED PER ONE OF THE FOLLOWING OPTIONS:
 - 1/4" APA-RATED PLYWOOD O.S.B. WITH 6d NAILS @ 4" O.C. AT EDGES AND @ 12" O.C. IN THE FIELD
 - 1/4" SHIP-LAP PANEL SHEATHING (IE LP SHARPSIDE OR EQUIVALENT) WITH 6d NAILS @ 4" O.C. AT EDGES AND @ 12" O.C. IN THE FIELD PER DETAIL 2/G3
 - 3/8" SHIP-LAP PANEL SHEATHING (IE LP SHARPSIDE OR EQUIVALENT) WITH 6d NAILS @ 3" O.C. AT EDGES AND @ 12" O.C. IN THE FIELD PER DETAIL 2/G3



METHOD CS-PF BRACED WALL
 1/2" = 1'-0"
 A-DTE-06100-25 PF



SECOND FLOOR DIAGRAM
 3/16" = 1'-0"



FIRST FLOOR DIAGRAM
 3/16" = 1'-0"

CS-WSP
 EXPRESSLY RESERVES THE RIGHT TO MAKE CHANGES TO ANY OTHER VARIATION FROM THE ORIGINAL DESIGN WITHOUT NOTICE. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL BUILDING DEPARTMENT AS REQUIRED BY THE SPECIFIC PROJECT.

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10/12/2020

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 DATE: 9-16-20
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SHEET NO. **G4**