



RELEASE FOR CONSTRUCTION
AS NOTED FOR PLAN REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/06/2023

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PROJECT NO. 21-007-04
 DRAWN BY: KJ, PIP
 DATE: 1-16-23
 PROJECT NO. 21-007-04
 SHEET NO. 07-01

WEBSTER ARCHITECTS
 1800 SOUTH GREEN ROAD
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PERGOLA PARK LOT 133
 LEE'S SUMMIT, MO. 64081

LANDROCK SIGNATURE HOMES LLC,
 4335 McGEE ST. 816-863-5666
 KANSAS CITY, MO 64111



DRAWN BY: KJ, PIP
 DATE: 1-16-23
 PROJECT NO. 21-007-04

SHEET NO. **A0**

DESCRIPTION	SYMBOL
INTERIOR LOAD BEARING WALL	
STONE OR BRICK VENEER	
JOIST SIZE AND DIRECTION	
HEADER / BEAM	SIZE OF MEMBER PER BEAM / HEADRY BEAM SCHEDULE
BEAM	NUMBER OF PLYS 1/4" P UPSET
CENTERLINE	
POINT LOAD	
APPROX. WINDOW FRAME SIZE IN INCHES (SEE GENERAL NOTES BELOW)	
SMOKE ALARM	
SMOKE & CARBON MONOXIDE ALARM	

MARK	LUMBER SIZE	CRIPPLE STUDS	TRIMMERS
(A)	2 x 6		
(B)	2 x 8		
(C)	2 x 10		
(D)	2 x 12		
(E)	1/4" x 1 1/2" LVL		
(F)	1/4" x 3/4" LVL		
(G)	1/4" x 1 1/4" LVL		
(H)	1/4" x 1 3/4" LVL		
(I)	1/4" x 2 1/4" LVL		
(J)	1/4" x 3 1/4" LVL		
(K)	1/4" x 4 1/4" LVL		
(L)	1/4" x 5 1/4" LVL		
(M)	1/4" x 6 1/4" LVL		

1. BEAMS SHALL HAVE TOTAL NUMBER OF CRIPPLES AND TRIMMERS UNDER EACH END, SOLID BLOCK BELOW.
 2. FOR LVL, BEAMS IN 2ND FLOORS, USE 3/4" LVL.

MARK	TYPE	SUB-TYPE	SIZE (SPACING)	MAX. SPAN
FJ-1	1" JOIST (SEE NOTE)		8/12" PER MANUFACTURER	
FJ-2	1" JOIST (SEE NOTE)		11/16" PER MANUFACTURER	
FJ-3	1" JOIST (SEE NOTE)		1/4" PER MANUFACTURER	
FJ-4	OPEN WEB TRUSS		14" PER MANUFACTURER	
FJ-5	OPEN WEB TRUSS		18" PER MANUFACTURER	
FJ-20	LUMBER	ACQ TREATED	2x8 @ 12" O.C.	16'-2"
FJ-21	LUMBER	ACQ TREATED	2x8 @ 12" O.C.	16'-2"
FJ-22	LUMBER		2x8 @ 12" O.C.	14'-2"
FJ-23	LUMBER		2x8 @ 12" O.C.	12'-2"
FJ-24	LUMBER		2x8 @ 12" O.C.	17'-8"
FJ-25	LUMBER		2x8 @ 12" O.C.	15'-5"
FJ-26	LUMBER		2x8 @ 12" O.C.	14'-2"
FJ-27	LUMBER		2x8 @ 12" O.C.	12'-2"
FJ-28	LUMBER		2x8 @ 12" O.C.	11'-8"
FJ-29	LUMBER		2x8 @ 12" O.C.	14'-2"

NOTE: DESIGN 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.

MARK	CONCRETE WALL THICKNESS	HEIGHT	VERTICAL	TRANSFORMER GRADE 40	HORIZONTAL
(1)	8"	4' OR LESS	4x4 AT 36" O.C.	2 - 4x4	
(2)	8"	4' TO 6'	4x4 AT 36" O.C.	3 - 4x4	
(3)	8"	6' TO 8'	4x4 AT 36" O.C.	4 - 4x4	
(4)	8"	8' TO 10'	4x4 AT 36" O.C.	4 - 4x4	
(5)	8"	10' TO 12'	4x4 AT 36" O.C.	5 - 4x4	
(6)	8"	12' TO 14'	4x4 AT 36" O.C.	5 - 4x4	
(7)	8"	14' TO 16'	4x4 AT 36" O.C.	6 - 4x4	
(8)	8"	16' TO 18'	4x4 AT 36" O.C.	6 - 4x4	
(9)	8"	18' TO 20'	4x4 AT 36" O.C.	7 - 4x4	
(10)	8"	20' TO 22'	4x4 AT 36" O.C.	7 - 4x4	

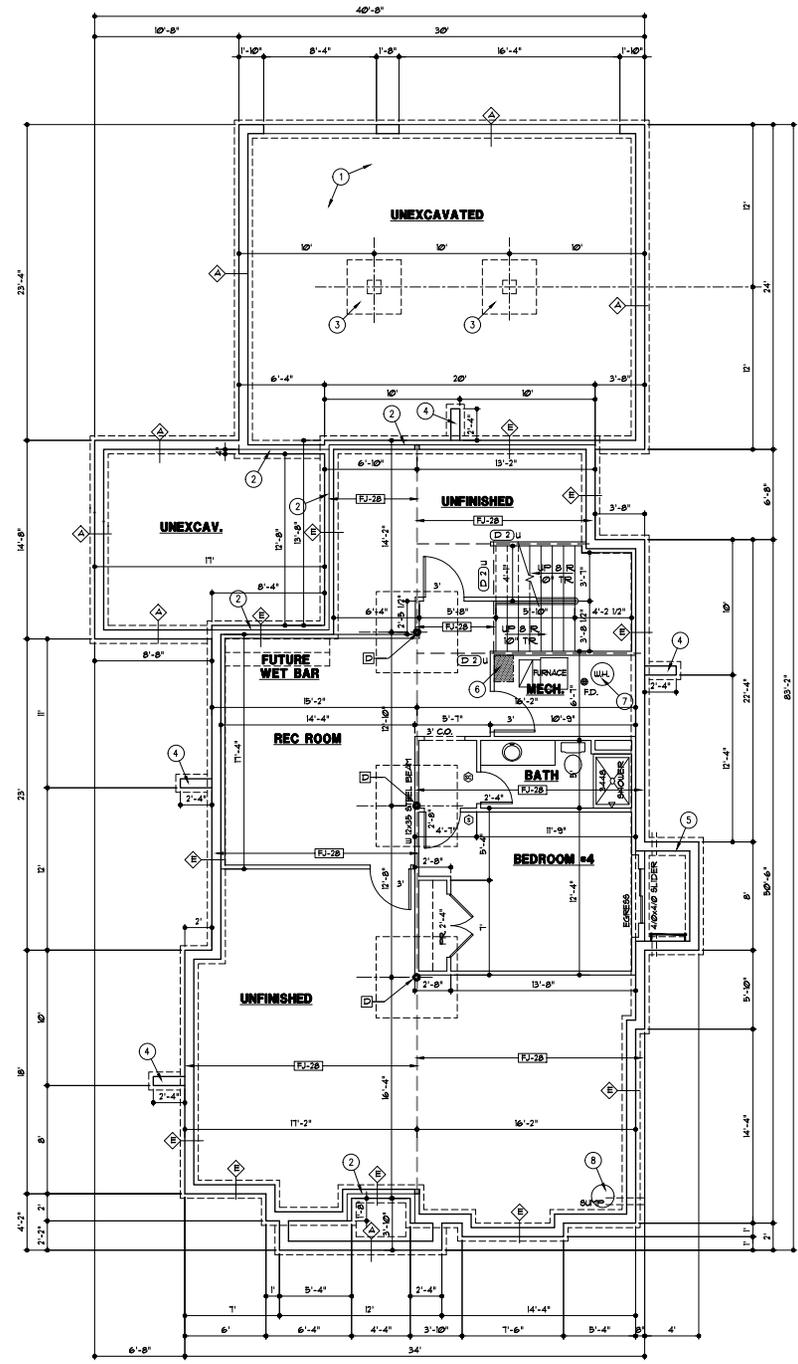
MARK	PAD SIZE	#4 BARS REQD EACH WAY	COLUMN SIZE (SCHEDULE 40)	MAX. LOAD
(A)	36"x36"x8"	6	3"	133 K
(B)	48"x48"x8"	8	3"	240 K
(C)	60"x60"x8"	10	3"	319 K
(D)	72"x72"x8"	12	3"	340 K

MARK	PIER DIAMETER	POST (ACQ OR CEDAR UNO)	MAX. LOAD
(1)	6"	6x8 UNO	11 K
(2)	6"	6x8 UNO	26 K
(3)	6"	6x8 UNO	41 K

1. PAD AND PIER SIZES ASSUME 5000 PSI STRENGTH BEARING CAPACITY.
 2. 10" MAX STEEL COLUMN HEIGHT FROM BASE PLATE TO TOP OF COLUMN. CONSULT ARCHITECT IF SITE CONDITIONS REQUIRE TALLER COLUMNS.

- GENERAL NOTES:
- A. FURNACE IS DIRECT VENT AND USES OUTSIDE AIR FOR COMBUSTION.
 - B. FOR COVERED PORCH FRAMING - SEE DETAIL 1/63
 - C. SEE G4 SHEET FOR LOCATION OF HOLD-DOWN TIES FOR BRACED WALL PANELS.

- FOUNDATION PLAN NOTES:
- SEE DETAIL 3/62 FOR GARAGE SLAB CONSTRUCTION.
 - SILL PLATE SET BACK - SEE DETAIL 4/8/62
 - CONCRETE PIER AND PAD - SEE DETAIL 3/62
 - RETURN WALL - SEE DETAIL 8/62
 - CONCRETE WINDOW WELL WITH LADDER - SEE DETAIL 9/62
 - HVAC CHASE ABOVE
 - PROVIDE THERMAL EXPANSION CONTROL DEVICE.
 - SUMP PUMP & 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"
 RELEASE FOR CONSTRUCTION
 AS NOTED FOR PLAN REVIEW
 DEVELOPMENT SERVICES
 LEE'S SUMMIT, MISSOURI
 07/06/2023



DESCRIPTION	SYMBOL
INTERIOR LOAD BEARING WALL	
STONE OR BRICK VENEER	
JOIST SIZE AND DIRECTION	
HEADER / BEAM SCHEDULE	
HEADERS / BEAM SCHEDULE	
TRIMMERS	
CENTERLINE	
POINT LOAD	
APPROX. WINDOW FRAME SIZE IN INCHES (SEE GENERAL NOTES BELOW)	
SMOKE ALARM	
SPOKE 1 CARBON MONOXIDE ALARM	

MARK	LUMBER SIZE	CRIPPLE STUDS	TRIMMERS
(A-1)	2x6	1	
(B-1)	2x8	1	
(C-1)	2x10	1	
(D-1)	2x12	1	
(E-1)	1 1/2" x 10" LVL	2	
(E-2)	1 1/2" x 9 1/2" LVL	2	
(E-3)	1 1/2" x 10" LVL	2	
(E-4)	1 1/2" x 10" LVL	2	
(E-5)	1 1/2" x 10" LVL	2	
(E-6)	1 1/2" x 10" LVL	2	
(E-7)	1 1/2" x 10" LVL	2	
(E-8)	1 1/2" x 10" LVL	2	
(E-9)	1 1/2" x 10" LVL	2	
(E-10)	1 1/2" x 10" LVL	2	
(E-11)	1 1/2" x 10" LVL	2	
(E-12)	1 1/2" x 10" LVL	2	

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 1/4" LVL.

MARK	TYPE	SUB-TYPE	SIZE (SPACING) MAX SPAN
FJ-1	JOIST	(SEE NOTE)	11 1/2" PER MANUFACTURER
FJ-2	JOIST	(SEE NOTE)	11 1/2" PER MANUFACTURER
FJ-3	JOIST	(SEE NOTE)	11 1/2" PER MANUFACTURER
FJ-4	JOIST	(SEE NOTE)	11 1/2" PER MANUFACTURER
FJ-5	JOIST	(SEE NOTE)	11 1/2" PER MANUFACTURER
FJ-6	JOIST	(SEE NOTE)	11 1/2" PER MANUFACTURER
FJ-7	JOIST	(SEE NOTE)	11 1/2" PER MANUFACTURER
FJ-8	JOIST	(SEE NOTE)	11 1/2" PER MANUFACTURER
FJ-9	JOIST	(SEE NOTE)	11 1/2" PER MANUFACTURER
FJ-10	JOIST	(SEE NOTE)	11 1/2" PER MANUFACTURER
FJ-11	JOIST	(SEE NOTE)	11 1/2" PER MANUFACTURER
FJ-12	JOIST	(SEE NOTE)	11 1/2" PER MANUFACTURER
FJ-13	JOIST	(SEE NOTE)	11 1/2" PER MANUFACTURER
FJ-14	JOIST	(SEE NOTE)	11 1/2" PER MANUFACTURER
FJ-15	JOIST	(SEE NOTE)	11 1/2" PER MANUFACTURER
FJ-16	JOIST	(SEE NOTE)	11 1/2" PER MANUFACTURER
FJ-17	JOIST	(SEE NOTE)	11 1/2" PER MANUFACTURER
FJ-18	JOIST	(SEE NOTE)	11 1/2" PER MANUFACTURER
FJ-19	JOIST	(SEE NOTE)	11 1/2" PER MANUFACTURER
FJ-20	JOIST	(SEE NOTE)	11 1/2" PER MANUFACTURER

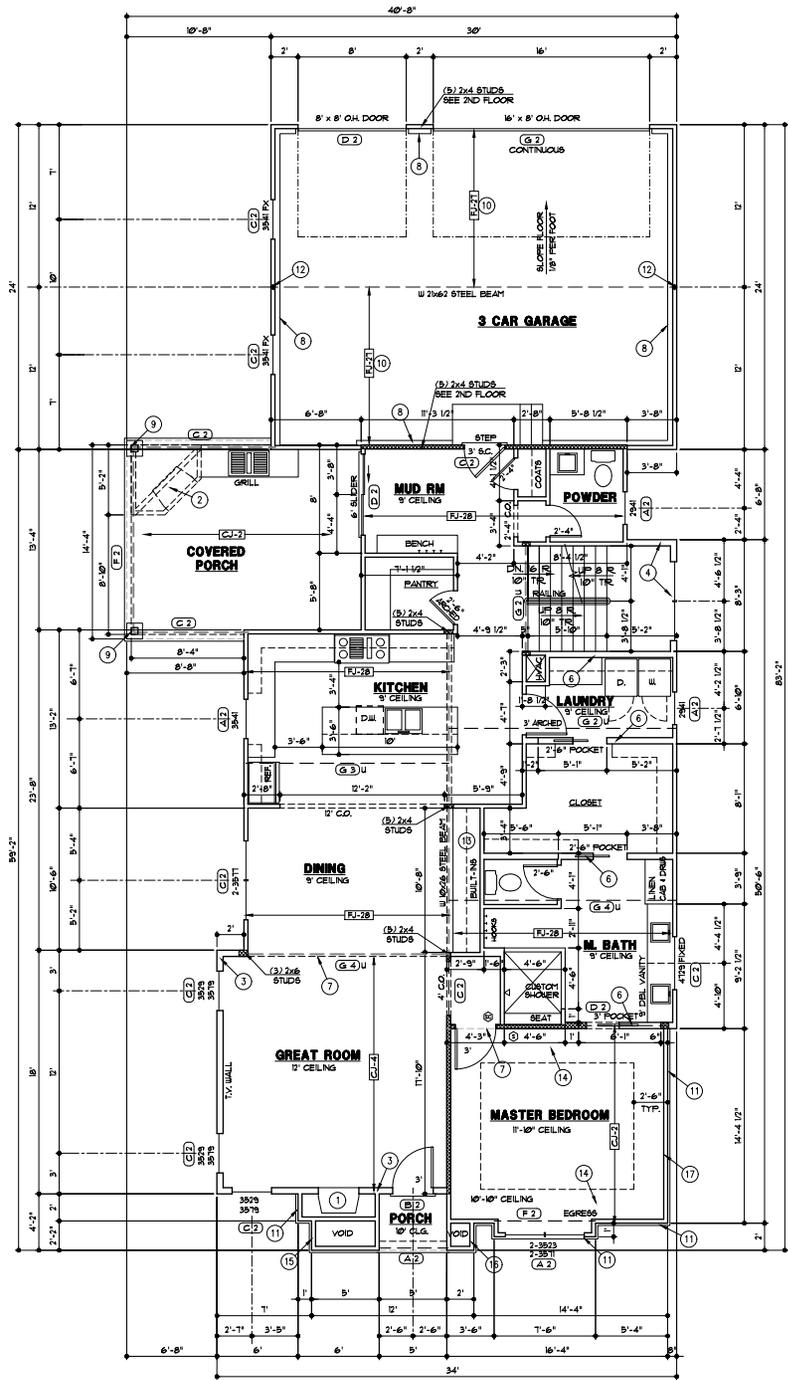
NOTE: DESIGN JOISTS (LOADED w/ TOTAL LIVE AND DEAD LOAD) WITH A MAX. DEFLECTION OF L/360 EXCEPT BELOW BATHROOMS AND TILED AREAS WHERE THE DEFLECTION SHALL BE L/480 MAX.

MARK	SIZE	SPACING	HEIGHT	SPAN - COGULAR PER 2
CJ-1	2x8	12"	11'-8"	
CJ-2	2x8	12"	11'-8"	
CJ-3	2x8	12"	11'-8"	
CJ-4	2x8	12"	11'-8"	
CJ-5	2x8	12"	11'-8"	
CJ-6	2x8	12"	11'-8"	
CJ-7	2x8	12"	11'-8"	
CJ-8	2x8	12"	11'-8"	
CJ-9	2x8	12"	11'-8"	
CJ-10	2x8	12"	11'-8"	

LOCATION	AREA (SF)
FIRST FLOOR	1691
SECOND FLOOR	1068
BASEMENT (FINISHED)	743
TOTAL	3502
GARAGE	710
BASEMENT (UNFINISHED)	583
COVERED PORCH	238
COVERED ROOF TOP DECK	264

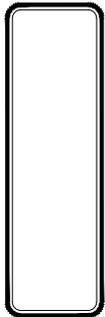
- GENERAL NOTES:
- A. EXTERIOR WALLS ARE 2x4 STUDS AT 16" O.C. UNLESS OTHERWISE NOTED.
 - B. SOLID BLOCKING BELOW STUDS SUPPORTING BEAMS AND HEADERS.
 - C. FOR COVERED PATIO FRAMING - SEE DETAIL 103

- FLOOR PLAN NOTES:
1. 36" DIRECT VENT FIREPLACE WITH 16" DEEP HEARTH.
 2. OPTIONAL FIREPLACE AND T.V. WALL.
 3. 12'-0" 3/4" TALL WALL, 2x6 STUDS AT 16" O.C.
 4. 18'-2" TALL UNINTERRUPTED STAIRWELL WALL, 2x6 STUDS AT 12" O.C.
 5. NA
 6. 2x6 STUDS AT 16" O.C.
 7. FLOOR LINE ABOVE
 8. EXPOSED FOUNDATION WALL
 9. 6x6 CEDAR POST
 10. TAPER TOP OF JOISTS TO CREATE A 1/8" PER FOOT SLOPE (FROM 1/4" AT STAIRS TO 8 1/2" AT GARAGE DOOR)
 11. MANUFACTURED BRICK VENEER
 12. 3" SCHEDULE 40 PIPE COLUMN TO BEAR DIRECTLY ON FOUNDATION
 13. SCOFFIT AT 8'-0" AFF.
 14. BOX DOWN CEILING 12"
 15. 4'-2 3/4" TALL WALL FROM 1ST FLOOR FOR RAFTER SUPPORT; ADD ADDITIONAL HEIGHT FOR CURVED ROOF
 16. 1'-8 3/4" TALL WALL FROM 1ST FLOOR
 17. 13'-9" TALL WALL FROM 1ST FLOOR



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"
 07/06/2023



PERGOLA PARK LOT 133
 LEE'S SUMMIT, MO. 64081

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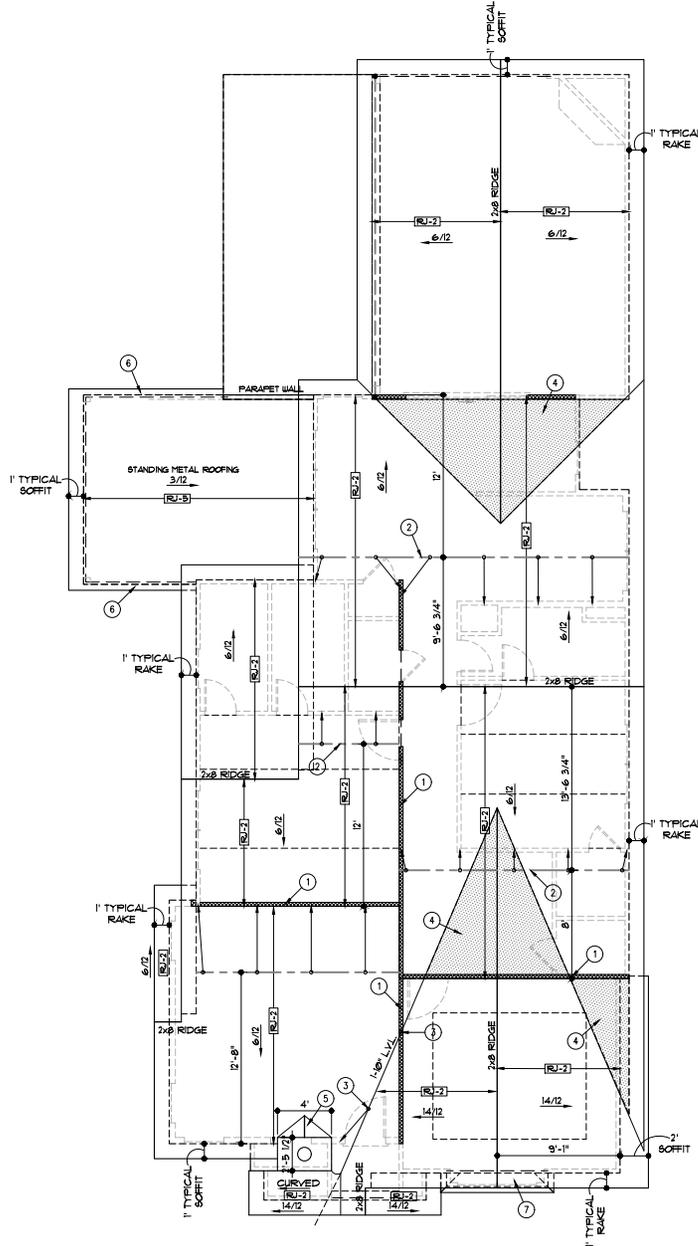
RELEASE FOR CONSTRUCTION
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 DEVELOPMENT SERVICES
 LEE'S SUMMIT, MISSOURI

DESCRIPTION	SYMBOL
RIDGES AND HIP	---
VALLEYS	---
HEAVY RAKE & GABLE	---
HOUSE WALLS	---
FURLIN	---
TOP OF FURLIN STRUT OR RIDGE POLE	○
BOT. OF FURLIN STRUT OR RIDGE POLE	○
JOINT SIZE AND SPACING	---
UPLIFT VALUE	600*

MARK	SIZE	SPACING	MAXIMUM SPAN
RU-1	2x6	12"	14'-9"
RU-2	2x6	16"	14'-4"
RU-3	2x6	24"	11'-8"
RU-4	2x6	12"	21'-0"
RU-5	2x6	16"	18'-2"
RU-6	2x6	24"	14'-10"
RU-7	2x6	12"	28'-8"
RU-8	2x6	16"	27'-3"
RU-9	2x6	24"	18'-1"
RU-10	2x2	16"	28'-9"
RU-11	2x2	24"	17'-11"

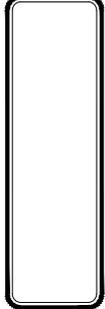
- GENERAL NOTES:
- WHERE POSSIBLE, BRACE ALL RIDGES WITH 2x6 1" BRACES TO BEARING WALLS OR BEAMS BELOW AT 4' O.C.
 - STRUTS TO BEAR ON WALLS AS INDICATED. CONTACT ARCHITECT WITH ANY PROPOSED CHANGE TO STRUT BEARING LOCATIONS. ARCHITECT MAY NEED TO VERIFY THAT BEAMS BELOW NEW STRUT LOCATION CAN SUPPORT ADDED LOADS.
 - SEE SHEET G1 FOR LOAD AND DEFLECTION LIMITATIONS
 - SEE SHEET G3 FOR ROOF FRAMING DETAILS 344/G3
 - ROOFING TO BE COMPOSITION-40 YR. ON 30# FELT ON 1/8" OSB, SHEATHING

- ROOF PLAN NOTES
- BEARING WALL OR BEAM BELOW
 - 2x6 FURLIN WITH 2x6 1" BRACES AT 4' O.C. TO BEARING WALL/BEAM BELOW
 - 2x6 1" BRACE TO BEARING WALL OR BEAM BELOW. BRACE SHALL BE CONNECTED TO STRUCTURE AT ROOF AND CEILING WITH MINIMUM (5) #6 NAILS.
 - OVER FRAME THIS AREA
 - CRICKET
 - TIGHT BARGE SOFFIT
 - CURVED METAL BEAM ROOF WITH TIGHT BARGE ALL AROUND



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

PROJECT NO. 21-007-04
 DRAWN BY: RCP
 CHECKED BY: RCP
 DATE: 07/06/2023
 PROJECT: 21-007-04



PERGOLA PARK LOT 133
 LEE'S SUMMIT, MO. 64081

LANDRACK SIGNATURE HOMES LLC,
 4335 MCGEE ST. 816-863-5668
 KANSAS CITY, MO 64111



RELEASE FOR CONSTRUCTION
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 LEE'S SUMMIT, MISSOURI

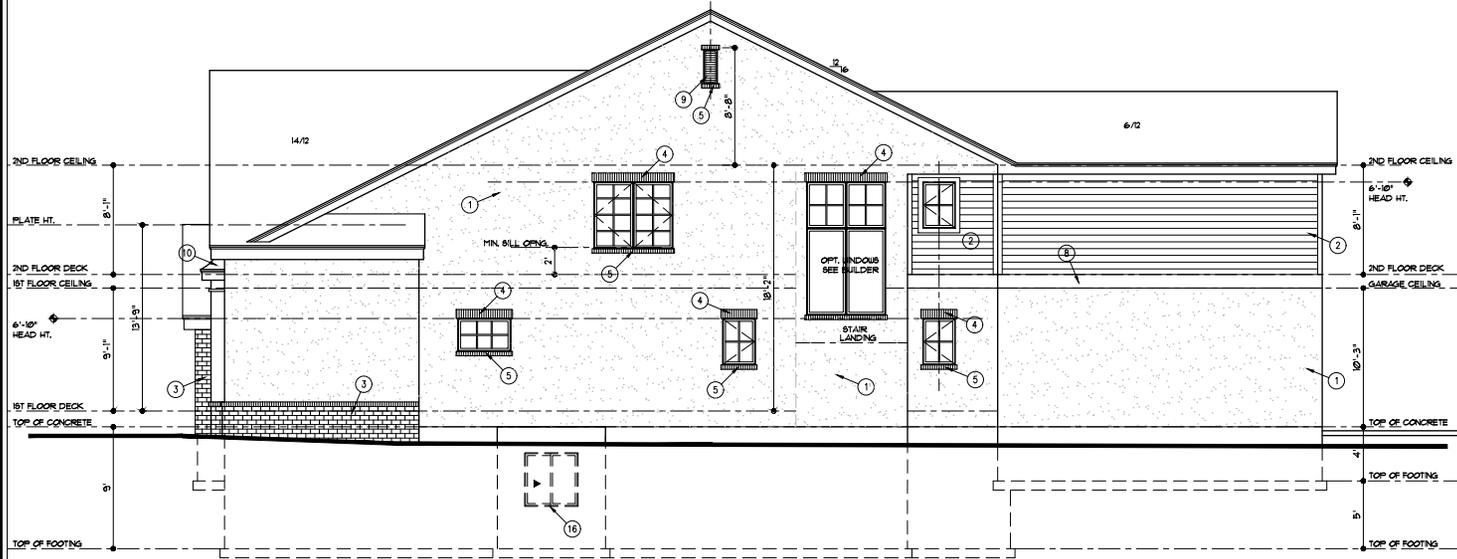
ROOF PLAN
 1/4" = 1'-0"
 07/06/2023

GENERAL NOTES

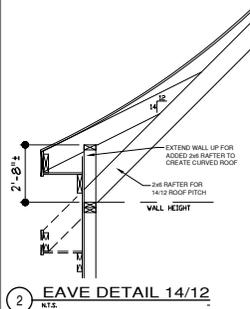
A. ROOFING TO BE COMPOSITION-40 YR. ON 3/4" FELT ON 1/4" O.S.B. SHEATHING UNLESS NOTED OTHERWISE.

ELEVATION NOTES

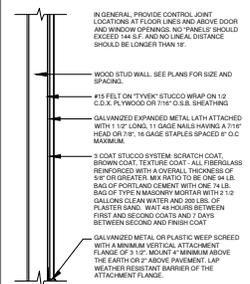
1. STUCCO SIDING, SEE DETAIL 1/AS, EXTEND STUCCO TO WITHIN 2" OF FINISHED GRADE; 2x4 SMART TRIM AROUND WINDOWS AND DOORS UNLESS NOTED OTHERWISE.
2. SMART LAP SIDING WITH 6" EXPOSURE AND 5/4x4 SMART TRIM AT CORNERS, DOORS AND WINDOWS
3. MANUFACTURED BRICK VENEER
4. SOLDIER COURSE BRICK TRIM
5. SILL BRICK TRIM
6. CORBLE BRICK DETAIL
7. SPRINGLINE WINDOW
8. 5/4x10 SMART TRIM
9. 12"x30" GABLE VENT
10. STANDING SEAM METAL ROOFING
11. 6x6 CEDAR POST AND MANUFACTURED BRICK AT BASE
12. SOLID CEDAR WOOD BRACKET
13. DECORATIVE METAL FLUE CAP
14. CRICKET
15. SEE DETAIL 1/AS FOR RAILING DESIGN
16. CONCRETE EXPRESS WINDOW WELL, WINDOW SET AT MAX. 44" FROM FINISH FLOOR TO SILL.



RIGHT SIDE ELEVATION (PASSIVE)
1/4" = 1'-0"



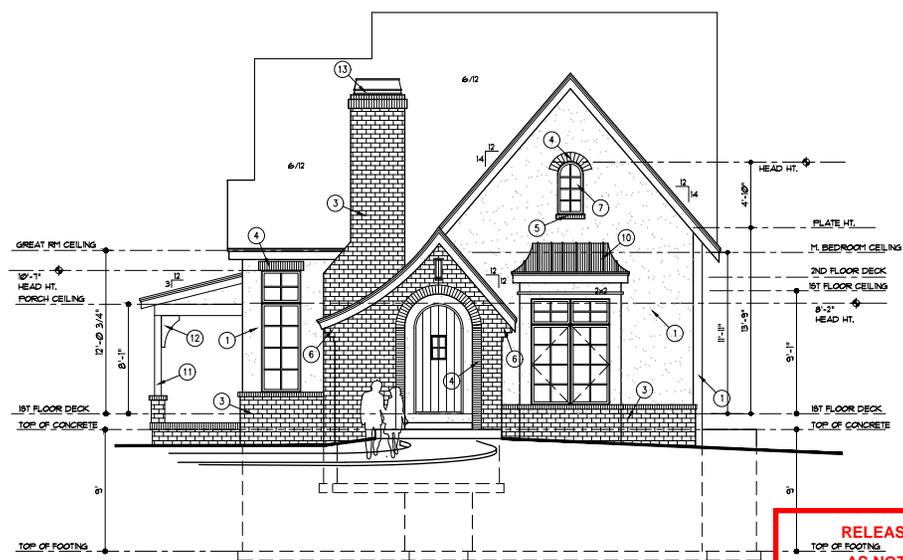
2 EAVE DETAIL 14/12
N.T.S.



1 STUCCO DETAIL
3/4" = 1'-0" A-D1V-09206-01

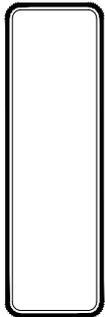


FRONT PORCH FRAMING
1/4" = 1'-0"



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

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KANSAS CITY, MO 64111



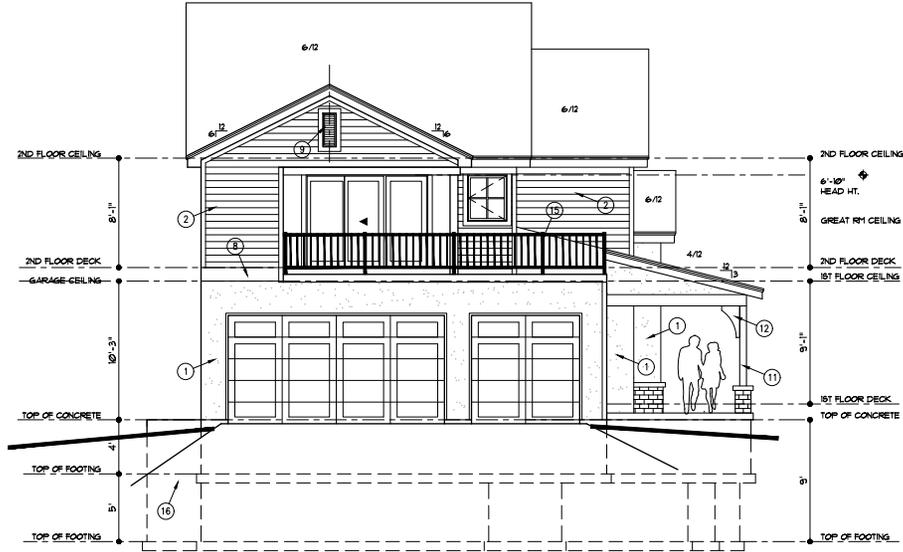
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DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/06/2023

GENERAL NOTES

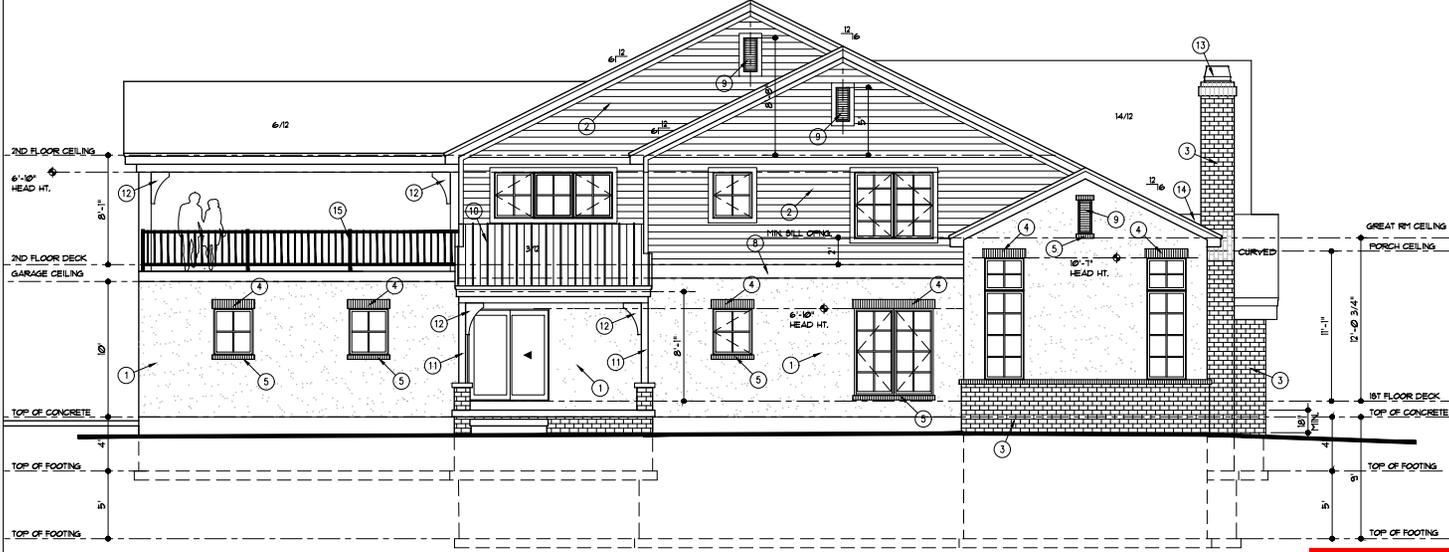
A. ROOFING TO BE COMPOSITION-40 YR. ON 3/4" FELT ON 1/4" O.S.B. SHEATHING UNLESS NOTED OTHERWISE.

ELEVATION NOTES

- 1. STUCCO SIDING, SEE DETAIL 1/AS, EXTEND STUCCO TO WITHIN 8" OF FINISHED GRADE; 2x4 SMART TRIM AROUND WINDOWS AND DOORS UNLESS NOTED OTHERWISE.
- 2. SMART LAP SIDING WITH 6" EXPOSURE AND 3/4x4x4 SMART TRIM AT CORNERS, DOORS AND WINDOWS
- 3. MANUFACTURED BRICK VENEER
- 4. SOLDIER COURSE BRICK TRIM
- 5. SILL BRICK TRIM
- 6. CORBLE BRICK DETAIL
- 7. SPRINGLINE WINDOW
- 8. 5/4x10 SMART TRIM
- 9. 12"x30" GABLE VENT
- 10. STANDING SEAM METAL ROOFING
- 11. 6x6 CEDAR POST AND MANUFACTURED BRICK AT BASE
- 12. SOLID CEDAR WOOD BRACKET
- 13. DECORATIVE METAL FLUE CAP
- 14. CRICKET
- 15. SEE DETAIL 1/AS FOR RAILING DESIGN
- 16. CONCRETE EGRESS WINDOW WELL. WINDOW SET AT MAX. 44" FROM FINISH FLOOR TO SILL.



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



LEFT SIDE ELEVATION (ACTIVE)
1/4" = 1'-0"

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

PROJECT NO. 21-001-04
DATE: 07/06/2023
DRAWN BY: [Signature]
CHECKED BY: [Signature]
SCALE: AS SHOWN
PROJECT: LEE'S SUMMIT, MISSOURI

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PERGOLA PARK LOT 133
LEE'S SUMMIT, MO. 64081

LANDROCK SIGNATURE HOMES LLC,
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KANSAS CITY, MO 64111

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LEE'S SUMMIT, MISSOURI

07/06/2023

FOR THE PROJECT, THE ARCHITECT HAS OBTAINED ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AGENCIES. THE ARCHITECT HAS CONDUCTED VISUAL VERIFICATION OF THE SITE AND HAS FOUND IT TO BE SUITABLE FOR THE PROJECT.

Webster architects
 1800 SOUTH GREEN ROAD
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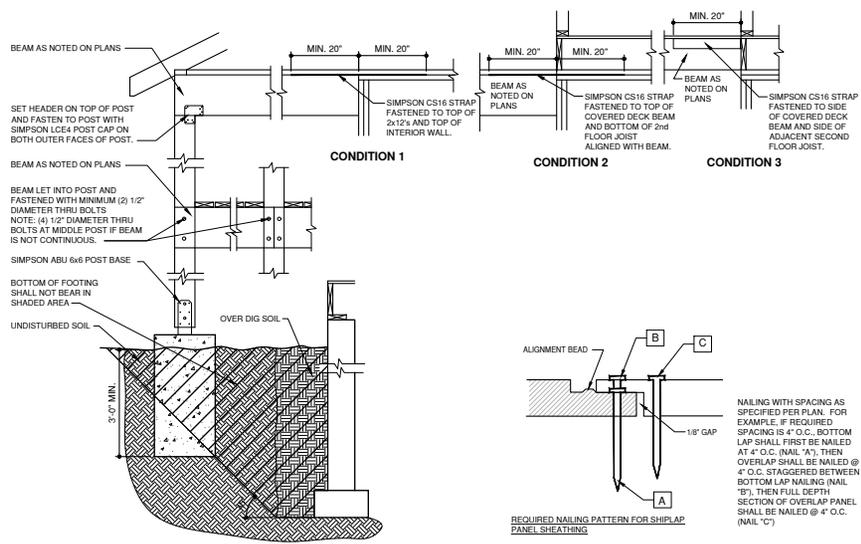
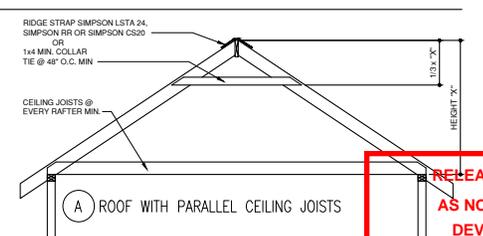
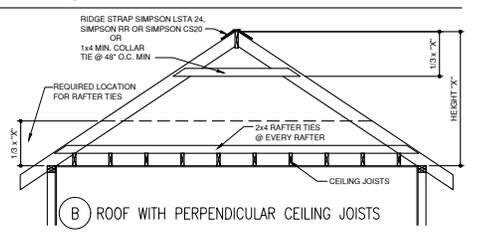
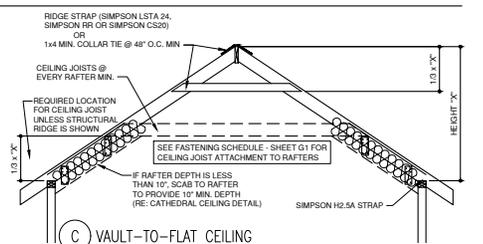
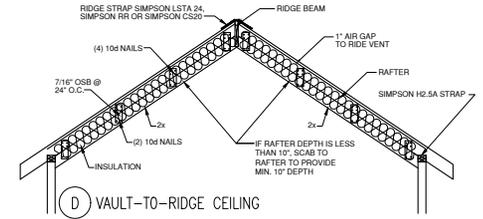
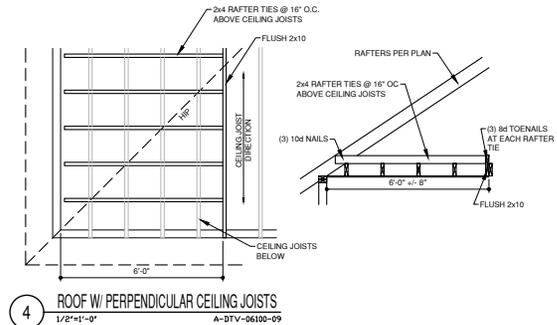
PERGOLA PARK LOT 133
 LEE'S SUMMIT, MO. 64081

LANDROCK SIGNATURE HOMES LLC,
 4335 MCGEE ST. 816-863-5688
 KANSAS CITY, MO 64111

RELEASE FOR CONSTRUCTION
 AS NOTED FOR PLAN REVIEW
 DEVELOPMENT SERVICES
 PROJECT NO. 21-007-04
 LEE'S SUMMIT, MISSOURI

DATE: 07/06/2023

1-5-2022



NOTE: ROOF FRAMING TO COMPLY WITH SECTION R802, R802.3, R803.1 AND R802.11

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

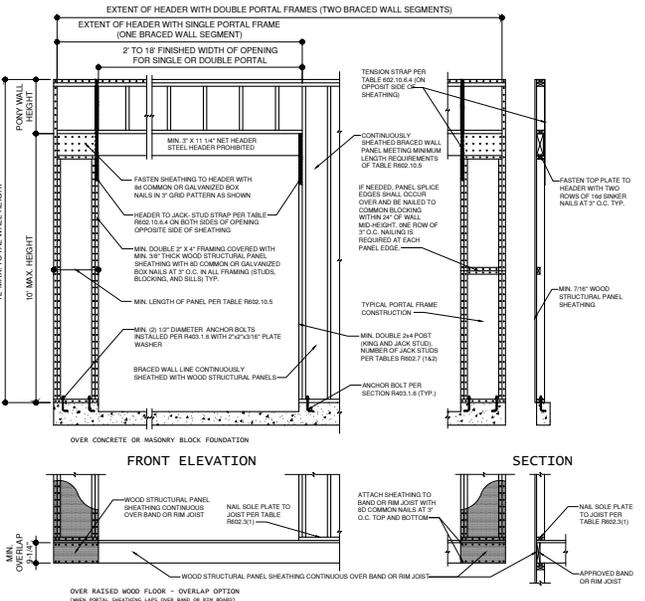
2-9-21

MINIMUM WALL STUD FRAMING NORMAL SIZE AND GRADE	MAXIMUM PONY WALL HEIGHT (feet)	MAXIMUM TOTAL WALL HEIGHT (feet)	MAXIMUM OPENING WIDTH (feet)	TENSION STRAP CAPACITY REQUIRED (pounds) a,b									
				ULTIMATE DESIGN WIND SPEED (mph)			EXPOSURE						
				110	115	130	B	C	C				
2 x 4 NO. 2 GRADE	0	10	18	1,000	1,000	1,000	1,000	1,000	1,050				
				9	1,000	1,000	1,000	1,000	1,050				
				1	10	18	1,000	1,025	2,050	2,075	2,500	3,950	
							16	1,200	1,275	2,375	2,400	2,850	DR
							9	1,000	1,000	1,475	1,500	1,875	3,125
							16	1,775	2,175	3,525	3,550	4,125	DR
	2	10	18	2,075	2,500	3,950	3,975	DR	DR				
				9	1,150	1,500	2,650	2,675	3,175	DR			
				2	12	18	2,875	3,375	DR	DR	DR	DR	
							16	3,425	3,975	DR	DR	DR	DR
							9	2,275	2,750	DR	DR	DR	DR
							12	3,225	3,775	DR	DR	DR	DR
2 x 6 STUD GRADE	2	12	18	1,000	1,000	1,700	1,700	2,025	3,050				
				9	1,825	2,150	3,225	3,225	3,675	DR			
				16	2,200	2,550	3,725	3,750	DR	DR			
				9	1,450	1,750	2,700	2,725	3,125	DR			
				16	2,050	2,400	DR	DR	DR	DR			
				18	3,50	3,800	DR	DR	DR	DR			

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

BRACED WALL DESIGN:

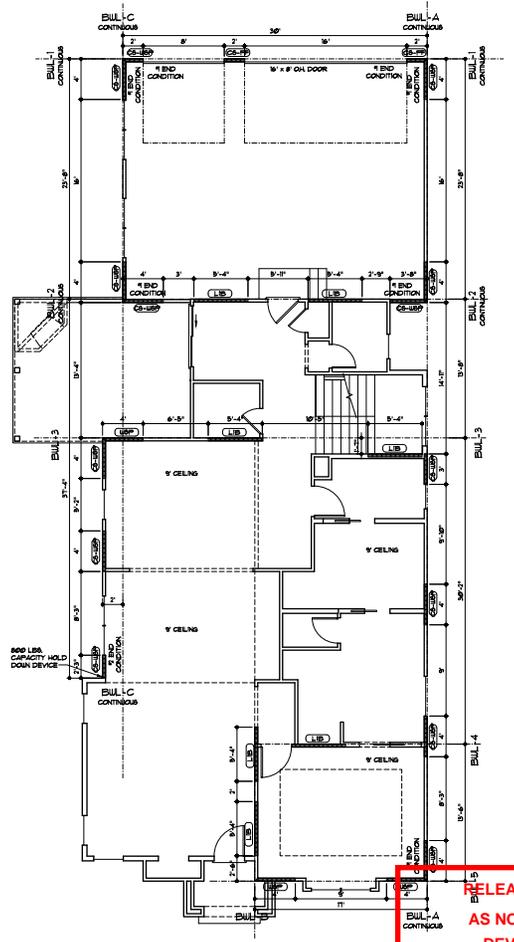
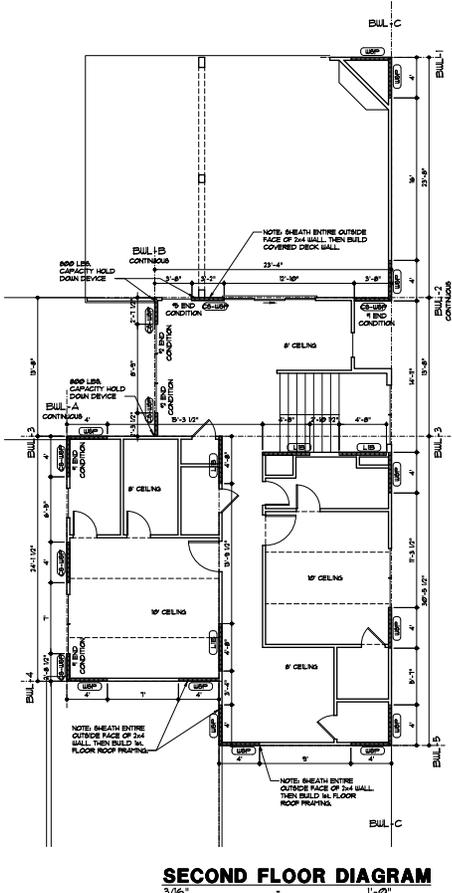
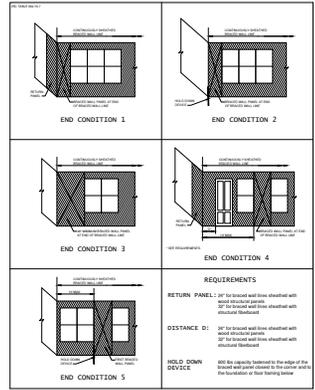
- A. THE CONTINUOUSLY SHEATHED (CS-WSP) BRACED WALL METHOD HAS BEEN USED ON ALL EXTERIOR WALLS PER THE IRC.
- B. AT EXTERIOR WALLS AND AT THE WALL BETWEEN THE GARAGE AND THE LIVING SPACE, ATTACH WALL SOLE PLATE TO ALL RIM JOISTS THROUGH SUB-FLOOR WITH #6d COMMON (Ø.625 x 3 1/2") NAILS @ 12" O.C.
- C. ALL EXTERIOR WALLS SHALL BE SHEATHED PER ONE OF THE FOLLOWING OPTIONS:
- 1/2" APA-RATED PL-TUOOD/OSB WITH #6d NAILS @ 4" O.C. AT EDGES AND @ 12" O.C. IN THE FIELD
 - 3/4" SHUPLAP PANEL SHEATHING (I.E. LP SHUPLAP OR EQUIVALENT) WITH #6d NAILS @ 4" O.C. AT EDGES AND @ 12" O.C. IN THE FIELD PER DETAIL 2163
 - 3/8" SHUPLAP PANEL SHEATHING (I.E. LP SHUPLAP OR EQUIVALENT) WITH #6d NAILS @ 5" O.C. AT EDGES AND @ 12" O.C. IN THE FIELD PER DETAIL 2163



BRACED WALL SCHEDULE 4.5-22

METHOD NUMBER	DESCRIPTION	MINIMUM LENGTH	FASTENERS
LIB	LET-IN BRACING: METAL STRAPS TO FORM "X" OR "Y" INSTALLED PER MANUFACTURER (EMPSON W539C, TWB12, WB143C) (USP: RWB11.4, 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: FLYWOOD 0.8.8.1 ETC.)	MIN. 48"	#6 COMMON NAILS: 6" O.C. AT EDGES AND 12" O.C. AT INTERMEDIATES
CS-WSP	CONTINUOUS SHEATHING: WOOD STRUCTURAL PANEL: 3/8" THICK (MIN.) (APA EXP. 1: FLYWOOD 0.8.8.1 ETC.)	CONTINUOUS ON ALL EXTERIOR WALLS	#6 COMMON NAILS: #6 COMMON NAILS - 6" O.C. AT EDGES AND 12" O.C. AT INTERMEDIATES
GB	GYPSUM BOARD: 1/2" THICK MIN.	96" IF OVP: BOARD 1 SIDE 48" IF OVP: BOARD 2 SIDES (STUDS AT 16" O.C. MAX. FOR 48" LONG PANELS)	#6 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 PER MIN. 716" PPH MIN. 3/4"	REFER TO DETAIL TITLED METHOD CS-PF BRACED WALL FOR MIN. WALL LENGTH	7" PER DETAIL TITLED METHOD CS-PF BRACED WALL
CS-PF	CONTINUOUS SHEATHING: PORTAL FRAME	REFER TO DETAIL TITLED METHOD CS-PF BRACED WALL FOR MIN. WALL LENGTH	7" PER DETAIL TITLED METHOD CS-PF BRACED WALL

NOTES:
A. SEE (XXX) ON BRACED WALL PLAN FOR BRACED WALL METHOD.



1 METHOD CS-PF BRACED WALL
12" x 11" 1/2"
A-C7E-08100-20-25

PERMITTED FOR CONSTRUCTION
GENERAL CONTRACTOR
100 SOUTH GREEN ROAD
P.O. BOX 1000
LEE'S SUMMIT, MO 64081
PHONE: 816-863-5688
WWW.WEBSTERARCHITECTS.COM



PERGOLA PARK LOT 133
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