



**REAR ELEVATION**



**FRONT ELEVATION**

**DRAWING INDEX**

- A0 COVER SHEET
- A1 FOUNDATION PLAN
- A2 BUILDING 1st FLOOR PLAN
- A3 BUILDING 2nd FLOOR PLAN
- A4 ROOF PLAN
- A5 ELEVATIONS
- A6 ELEVATIONS
- G1 GENERAL NOTES
- G2 GENERAL DETAILS
- G3 GENERAL DETAILS
- G4 BRACED WALL DETAILS

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PERGOLA PARK 4TH PLAT LOT 92  
 1028 SW ARMIE ST.  
 LEE'S SUMMIT, MO. 64081

LANDROCK SIGNATURE HOMES LLC  
 4335 McGEE ST. -816-868-5588  
 KANSAS CITY, MO 64111



DRAWN BY: KF, MP  
 DATE: 6-21-22  
 PROJECT NO: 20-040-09

SHEET NO. **A0**

**RELEASE FOR CONSTRUCTION**  
 AS NOTED ON PLANS REVIEW  
 Development Services  
 LEE'S SUMMIT, MISSOURI

FLOOR PLAN - SYMBOL LEGEND	
DESCRIPTION	SYMBOL
INTERIOR LOAD BEARING WALL	
STONE OR BRICK VENEER	
JOIST SIZE AND DIRECTION	
HEADER / BEAM SCHEDULE	
BEAM <sup>1</sup> SIZE OF MEMBER PER BEAM <sup>2</sup>	
HEADER / BEAM SCHEDULE	
NUMBER OF PLYS	
"I" # UPSET	
CENTERLINE	
POINT LOAD	
APPROX. WINDOW FRAME SIZE IN INCHES (SEE GENERAL NOTES BELOW)	
SMOKE ALARM <sup>1</sup>	
SMOKE + CARBON MONOXIDE ALARM <sup>2</sup>	

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)	2 x 14	2	1
(F)	2 x 16	2	1
(G)	2 x 18	2	1
(H)	2 x 20	2	1
(I)	2 x 22	2	1
(J)	2 x 24	2	1
(K)	2 x 26	2	1
(L)	2 x 28	2	1
(M)	2 x 30	2	1
(N)	2 x 32	2	1
(O)	2 x 34	2	1
(P)	2 x 36	2	1
(Q)	2 x 38	2	1
(R)	2 x 40	2	1
(S)	2 x 42	2	1
(T)	2 x 44	2	1
(U)	2 x 46	2	1
(V)	2 x 48	2	1
(W)	2 x 50	2	1
(X)	2 x 52	2	1
(Y)	2 x 54	2	1
(Z)	2 x 56	2	1
(AA)	2 x 58	2	1
(AB)	2 x 60	2	1
(AC)	2 x 62	2	1
(AD)	2 x 64	2	1
(AE)	2 x 66	2	1
(AF)	2 x 68	2	1
(AG)	2 x 70	2	1
(AH)	2 x 72	2	1
(AI)	2 x 74	2	1
(AJ)	2 x 76	2	1
(AK)	2 x 78	2	1
(AL)	2 x 80	2	1
(AM)	2 x 82	2	1
(AN)	2 x 84	2	1
(AO)	2 x 86	2	1
(AP)	2 x 88	2	1
(AQ)	2 x 90	2	1
(AR)	2 x 92	2	1
(AS)	2 x 94	2	1
(AT)	2 x 96	2	1
(AU)	2 x 98	2	1
(AV)	2 x 100	2	1

1. BEAMS SHALL HAVE TOTAL NUMBER OF CRIPPLES AND TRIMMERS UNDER EACH END, SOLID BLOCK BELOW.  
2. FOR LVL, BEAM# IN 2x10 FLOORS, USE 9 1/4" LVL.

FLOOR JOIST SCHEDULE				
MARK	TYPE	SUB-TYPE	SIZE (SPACING)	MAX. SPAN
FJ-1	"I" JOIST (SEE NOTE)	3 1/2"	PER MANUFACTURER	
FJ-2	"I" JOIST (SEE NOTE)	1 1/2"	PER MANUFACTURER	
FJ-3	"I" 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	ACQ. TREATED	2x10 @ 16" O.C.	16'-2"
FJ-21	LUMBER	ACQ. TREATED	2x10 @ 16" O.C.	14'-0"
FJ-22	LUMBER		2x8 @ 16" O.C.	14'-2"
FJ-23	LUMBER		2x8 @ 16" O.C.	11'-7"
FJ-24	LUMBER		2x10 @ 16" O.C.	11'-9"
FJ-25	LUMBER		2x10 @ 16" O.C.	9'-5"
FJ-26	LUMBER		2x10 @ 16" O.C.	10'-0"
FJ-27	LUMBER		2x10 @ 16" O.C.	20'-1"
FJ-28	LUMBER		2x10 @ 16" O.C.	11'-10"
FJ-29	LUMBER		2x10 @ 16" O.C.	14'-1"

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.

CONCRETE WALL SCHEDULE			
MARK	CONCRETE WALL THICKNESS	REINFORCING HEIGHT	REINFORCING GRADE 40
(1)	8"	4' OR LESS	3/4" AT 36" O.C. 1 - N9
(2)	8"	4' TO 6'	3/4" AT 36" O.C. 3 - N9
(3)	8"	6' TO 8'	3/4" AT 36" O.C. 4 - N9
(4)	8"	8' TO 10'	3/4" AT 36" O.C. 5 - N9
(5)	8"	10' TO 12'	3/4" AT 36" O.C. 6 - N9
(6)	8"	12' TO 14'	3/4" AT 36" O.C. 7 - N9
(7)	8"	14' TO 16'	3/4" AT 36" O.C. 8 - N9
(8)	8"	16' TO 18'	3/4" AT 36" O.C. 9 - N9
(9)	8"	18' TO 20'	3/4" AT 36" O.C. 10 - N9
(10)	8"	20' TO 22'	3/4" AT 36" O.C. 11 - N9
(11)	8"	22' TO 24'	3/4" AT 36" O.C. 12 - N9
(12)	8"	24' TO 26'	3/4" AT 36" O.C. 13 - N9
(13)	8"	26' TO 28'	3/4" AT 36" O.C. 14 - N9
(14)	8"	28' TO 30'	3/4" AT 36" O.C. 15 - N9
(15)	8"	30' TO 32'	3/4" AT 36" O.C. 16 - N9
(16)	8"	32' TO 34'	3/4" AT 36" O.C. 17 - N9
(17)	8"	34' TO 36'	3/4" AT 36" O.C. 18 - N9
(18)	8"	36' TO 38'	3/4" AT 36" O.C. 19 - N9
(19)	8"	38' TO 40'	3/4" AT 36" O.C. 20 - N9
(20)	8"	40' TO 42'	3/4" AT 36" O.C. 21 - N9
(21)	8"	42' TO 44'	3/4" AT 36" O.C. 22 - N9
(22)	8"	44' TO 46'	3/4" AT 36" O.C. 23 - N9
(23)	8"	46' TO 48'	3/4" AT 36" O.C. 24 - N9
(24)	8"	48' TO 50'	3/4" AT 36" O.C. 25 - N9
(25)	8"	50' TO 52'	3/4" AT 36" O.C. 26 - N9
(26)	8"	52' TO 54'	3/4" AT 36" O.C. 27 - N9
(27)	8"	54' TO 56'	3/4" AT 36" O.C. 28 - N9
(28)	8"	56' TO 58'	3/4" AT 36" O.C. 29 - N9
(29)	8"	58' TO 60'	3/4" AT 36" O.C. 30 - N9
(30)	8"	60' TO 62'	3/4" AT 36" O.C. 31 - N9
(31)	8"	62' TO 64'	3/4" AT 36" O.C. 32 - N9
(32)	8"	64' TO 66'	3/4" AT 36" O.C. 33 - N9
(33)	8"	66' TO 68'	3/4" AT 36" O.C. 34 - N9
(34)	8"	68' TO 70'	3/4" AT 36" O.C. 35 - N9
(35)	8"	70' TO 72'	3/4" AT 36" O.C. 36 - N9
(36)	8"	72' TO 74'	3/4" AT 36" O.C. 37 - N9
(37)	8"	74' TO 76'	3/4" AT 36" O.C. 38 - N9
(38)	8"	76' TO 78'	3/4" AT 36" O.C. 39 - N9
(39)	8"	78' TO 80'	3/4" AT 36" O.C. 40 - N9
(40)	8"	80' TO 82'	3/4" AT 36" O.C. 41 - N9
(41)	8"	82' TO 84'	3/4" AT 36" O.C. 42 - N9
(42)	8"	84' TO 86'	3/4" AT 36" O.C. 43 - N9
(43)	8"	86' TO 88'	3/4" AT 36" O.C. 44 - N9
(44)	8"	88' TO 90'	3/4" AT 36" O.C. 45 - N9
(45)	8"	90' TO 92'	3/4" AT 36" O.C. 46 - N9
(46)	8"	92' TO 94'	3/4" AT 36" O.C. 47 - N9
(47)	8"	94' TO 96'	3/4" AT 36" O.C. 48 - N9
(48)	8"	96' TO 98'	3/4" AT 36" O.C. 49 - N9
(49)	8"	98' TO 100'	3/4" AT 36" O.C. 50 - N9

COLUMN & PAD SCHEDULE				
MARK	PAD SIZE	#4 BARS REQ'D EACH WAY	COLUMN SIZE (SCHEDULE 40) MAX. LOAD	
(1)	36"x36"x24"	6	31	133 K
(2)	48"x48"x16"	8	31	240 K
(3)	60"x60"x18"	10	35	315 K
(4)	72"x72"x24"	12	37	340 K

PIER SCHEDULE			
MARK	PIER DIAMETER	POST (ACQ OR CEDAR UNQ) MAX. LOAD	
(1)	6"	6x6 UNQ.	11 K
(2)	8"	6x6 UNQ.	26 K
(3)	10"	6x6 UNQ.	43 K

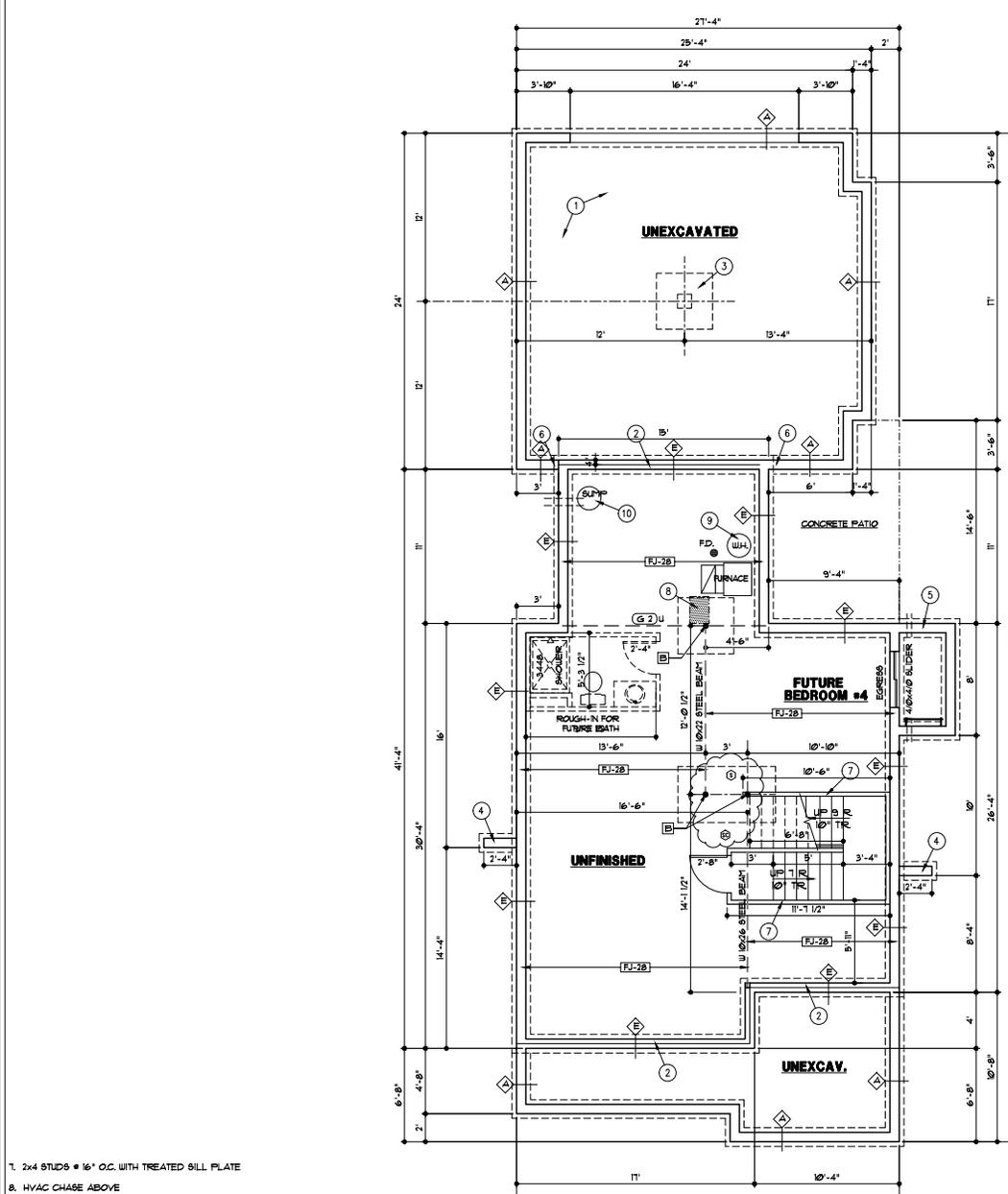
1. PAD AND PIER SIZES ASSUME 1500 P.S.F. SOIL BEARING CAPACITY.  
2. 10" MAX STEEL COLUMN HEIGHT FROM BASE PLATE TO TOP OF COLUMN. CONSULT ARCHITECT IF SITE CONDITIONS REQUIRE TALLER COLUMNS.

GENERAL NOTES:

- A. FOR COVERED PORCH FRAMING - SEE DETAIL 1G3
- B. RURNACE IS DIRECT VENT AND USES OUTSIDE AIR FOR COMBUSTION
- C. SEE G4 SHEET FOR LOCATION OF HOLD-DOWN TIES FOR BRACED WALL PANELS

FOUNDATION PLAN NOTES

- 1. SEE DETAIL 3/G2 FOR GARAGE SLAB CONSTRUCTION
- 2. SILL PLATE SET BACK - SEE DETAIL 4/G2
- 3. CONCRETE PIER AND PAD - SEE DETAIL 3/G2
- 4. RETURN WALL - SEE DETAIL 8/G2
- 5. CONCRETE WINDOW WELL WITH LADDER - SEE DETAIL 3/G2
- 6. DROP TOP OF FOUNDATION WALL 2' - BUILDER TO CONFIRM ELEVATION



- 1. 2x4 STUDS @ 16" O.C. WITH TREATED SILL PLATE
- 2. HYAC CHASE ABOVE
- 3. PROVIDE THERMAL EXPANSION CONTROL DEVICE
- 4. SUMP PIT 4' DIA. 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

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7/14/2022

DRAWN BY: KF, MP  
DATE: 6-21-22  
PROJECT NO: 20-040-09

FOUNDATION PLAN  
1/4" = 1'-0"  
A1

RELEASE FOR CONSTRUCTION AS NOTED ON PLANS REVIEW  
Development Services  
LEE'S SUMMIT, MISSOURI

ADD SMOKE AND CARBON MONOXIDE DETECTORS

FLOOR PLAN - SYMBOL LEGEND	
DESCRIPTION	SYMBOL
INTERIOR LOAD BEARING WALL	
STONE OR BRICK VENEER	
JOIST SIZE AND DIRECTION	
HEADER / BEAM SCHEDULE	
BEAM <sup>1</sup> SIZE OF MEMBER PER SCHEDULE	(A) U
NUMBER OF PLYS	1" R UPSET
CENTERLINE	
POINT LOAD	
APPROX. WINDOW FRAME SIZE IN INCHES (SEE GENERAL NOTES BELOW)	
SMOKE ALARM	(S)
SMOKE & CARBON MONOXIDE ALARM	(S)

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

1. BEAMS SHALL HAVE TOTAL NUMBER OF CRIPPLES AND TRIMMERS UNDER EACH END, SOLID BLOCK BELOW.

2. FOR LVL, BEAMS IN 2x10 FLOORS, USE 3/4" LVL.

FLOOR JOIST SCHEDULE				
MARK	TYPE	SUB-TYPE	SIZE (SPACING)	MAX. SPAN
FJ-1	T <sup>1</sup>	JOIST (SEE NOTE)	3/4" (12")	PER MANUFACTURER
FJ-2	T <sup>1</sup>	JOIST (SEE NOTE)	1/2" (12")	PER MANUFACTURER
FJ-3	T <sup>1</sup>	JOIST (SEE NOTE)	1/2" (12")	PER MANUFACTURER
FJ-4	O	OPEN WEB TRUSSES	14"	PER MANUFACTURER
FJ-5	O	OPEN WEB TRUSSES	16"	PER MANUFACTURER
FJ-20	L	LUMBER, ACC. TREATED	2x10 @ 16" O.C.	16'-2"
FJ-21	L	LUMBER, ACC. TREATED	2x10 @ 16" O.C.	14'
FJ-22	L	LUMBER	2x8 @ 12" O.C.	14'-2"
FJ-23	L	LUMBER	2x8 @ 16" O.C.	15'-7"
FJ-24	L	LUMBER	2x10 @ 12" O.C.	17'-9"
FJ-25	L	LUMBER	2x10 @ 16" O.C.	19'-5"
FJ-26	L	LUMBER	2x10 @ 16" O.C.	19'-5"
FJ-27	L	LUMBER	2x10 @ 16" O.C.	20'-1"
FJ-28	L	LUMBER	2x10 @ 16" O.C.	17'-10"
FJ-29	L	LUMBER	2x10 @ 16" O.C.	14'-1"

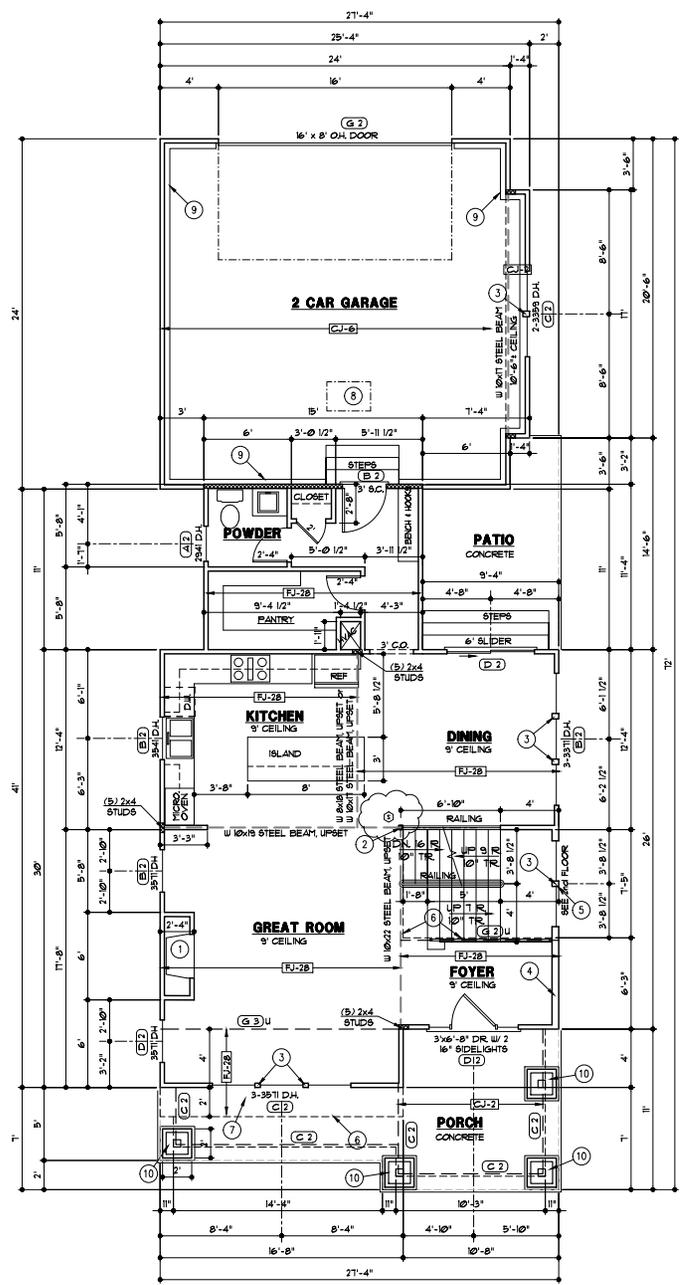
NOTE: DESIGN JOISTS (LOADED W/ TOTAL LIVE AND DEAD LOAD) WITH A MAX. DEFLECTION OF 1/360, EXCEPT BELOW BATHROOMS AND TILED AREAS WHERE THE DEFLECTION SHALL BE 1/480 MAX.

CEILING JOISTS SCHEDULE - LIVE LOAD 10 P.S.F.				
MARK	SIZE	SPACING	MAXIMUM SPAN - DOUGLAS FIR #2	
CJ-1	2x8	12"	19'-4"	
CJ-2	2x8	16"	11'-8"	
CJ-3	2x8	12"	29'-8"	
CJ-4	2x8	16"	23'-0"	
CJ-5	2x10	12"	26'-0"	
CJ-6	2x10	16"	26'-0"	
CJ-7	2x4	24"	9'-10"	
CJ-8	2x8	24"	14'-0"	
CJ-9	2x8	24"	18'-5"	
CJ-10	2x10	24"	22'-11"	

SQUARE FOOTAGE TABLE	
LOCATION	AREA (SF)
FIRST FLOOR	341
SECOND FLOOR	922
BASEMENT (FINISHED STAIRS)	81
TOTAL	1336
GARAGE	
BASEMENT (UNFINISHED)	616
FRONT PORCH	203
REAR PATIO	118

- GENERAL NOTES:
- EXTERIOR WALLS ARE 2x4 STUDS AT 16" O.C. UNLESS OTHERWISE NOTED.
  - SOLID BLOCKING BELOW STUDS SUPPORTING BEAMS AND HEADERS.
  - FOR COVERED PORCH FRAMING - SEE DETAIL 1/33
  - SEE SHEET G1 GENERAL NOTES F45 FOR SEPARATION BETWEEN HOUSE AND GARAGE
  - SEE G4 SHEET FOR LOCATION OF HOLD-DOWN TIES FOR BRACED WALL CONSTRUCTION
  - SEE SHEET G1 GENERAL NOTES F45 FOR SEPARATION BETWEEN HOUSE AND GARAGE

- FLOOR PLAN NOTES
- 36" DIRECT VENT FIREPLACE
  - 3" SCHEDULE 40 PIPE COLUMN TO SIT ON BEAM BELOW
  - 3 STUDS BETWEEN WINDOWS
  - 2x6 STUDS AT 16" O.C.
  - 18'-2" TALL UNINTERRUPTED STAIRWELL WALL, 2x6 STUDS AT 12" O.C.
  - FLOOR LINE ABOVE
  - EXTEND FLOOR FRAMING AND INSULATE SOFFIT
  - 1'-10"x3" ATTIC ACCESS
  - EXPOSED FOUNDATION WALL
  - 6x6 POST INSIDE 18" SQ. TAPERED COLUMN OVER 24" SQ. FRAMED BASE WITH MANUFACTURED STONE VENEER



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

DO NOT SCALE DRAWINGS  
 ALL DIMENSIONS SHALL BE AS SHOWN  
 UNLESS OTHERWISE NOTED  
 ALL DIMENSIONS SHALL BE IN INCHES  
 UNLESS OTHERWISE NOTED  
 ALL DIMENSIONS SHALL BE IN FEET  
 UNLESS OTHERWISE NOTED  
 ALL DIMENSIONS SHALL BE IN METERS  
 UNLESS OTHERWISE NOTED

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**Webster**  
 architects

PERGOLA PARK 4TH PLAT LOT 92  
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7/14/2022

DRAWN BY: KF, MP  
 DATE: 6-21-22  
 PROJECT NO: 20-040-03

SHEET NO. **A2**

RELEASE FOR CONSTRUCTION AS NOTED ON PLANS REVIEW  
 Development Services  
 LEE'S SUMMIT, MISSOURI

ADD SMOKE DETECTOR TO ADD NOTE FOR GARAGE / HOUSE SEPERATION

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

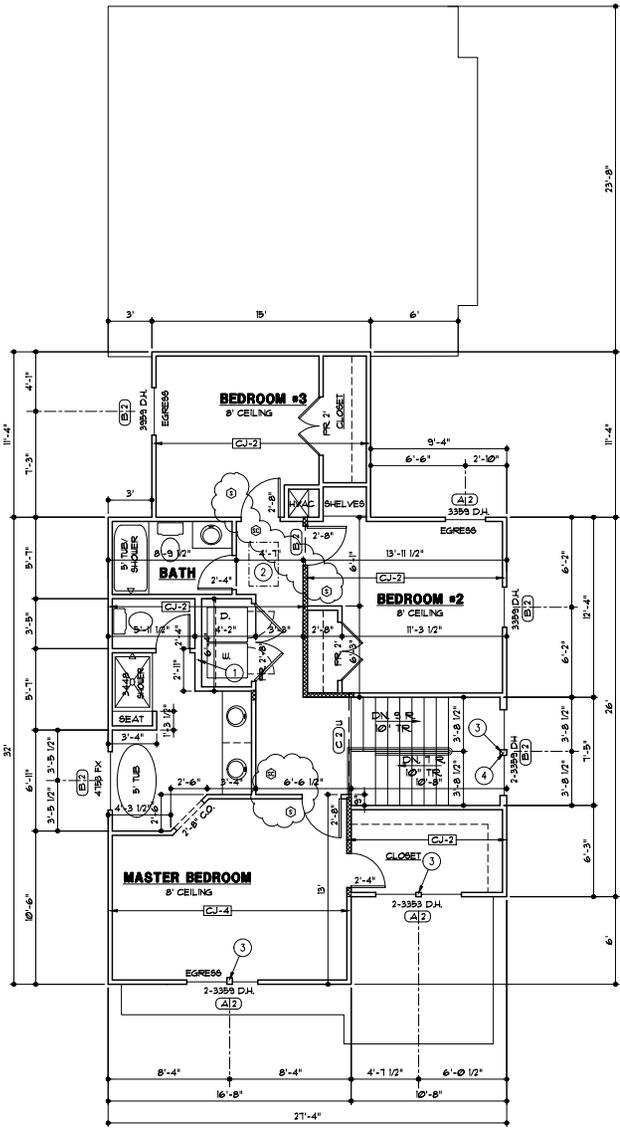
HEADER / BEAM SCHEDULE			
MARK	LUMBER SIZE	CRIPPLE STUDS	TRIMMERS
(A)	2 x 6	1	1
(B)	2 x 8	1	1
(C)	2 x 10	1	1
(D)	2 x 12	2	1
(E)	3/4" x 1 1/2" LVL	2	1
(F)	3/4" x 2" LVL	2	1
(G)	3/4" x 2 1/2" LVL	2	1
(H)	3/4" x 3" LVL	2	1
(I)	3/4" x 3 1/2" LVL	3	1
(J)	3/4" x 4" LVL	3	1
(K)	3/4" x 5" LVL	1	1
(L)	3/4" x 5 1/2" LVL	2	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 3/4" 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	2x8	16"	11'-0"
CJ-3	2x8	16"	25'-0"
CJ-4	2x8	16"	23'-0"
CJ-5	2x10	12"	26'-0"
CJ-6	2x10	16"	26'-0"
CJ-7	2x4	24"	9'-10"
CJ-8	2x6	24"	14'-10"
CJ-9	2x8	24"	18'-0"
CJ-10	2x10	24"	22'-11"

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. SEE G4 SHEET FOR LOCATION OF HOLD-DOWN TIES FOR BRACED WALL CONSTRUCTION.

FLOOR PLAN NOTES:  
 1. 2x6 STUDS AT 16" O.C.  
 2. 1'-10"x3' ATTIC ACCESS  
 3. 3 STUDS BETWEEN WINDOWS  
 4. 18'-3" TALL UNINTERRUPTED STAIRWELL WALL, 2x6 STUDS AT 12" O.C.



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

RELEASE FOR  
**SECOND FLOOR CONSTRUCTION**  
 AS NOTED ON PLANS REVIEW  
 Development Services  
 LEE'S SUMMIT, MISSOURI

DO NOT SCALE DRAWINGS  
 CONSULT ARCHITECT FOR  
 CLARIFICATION OF ANY  
 PART OF THESE DRAWINGS  
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SHEET NO. **A3**

ADD SMOKE AND CARBON MONOXIDE DETECTORS

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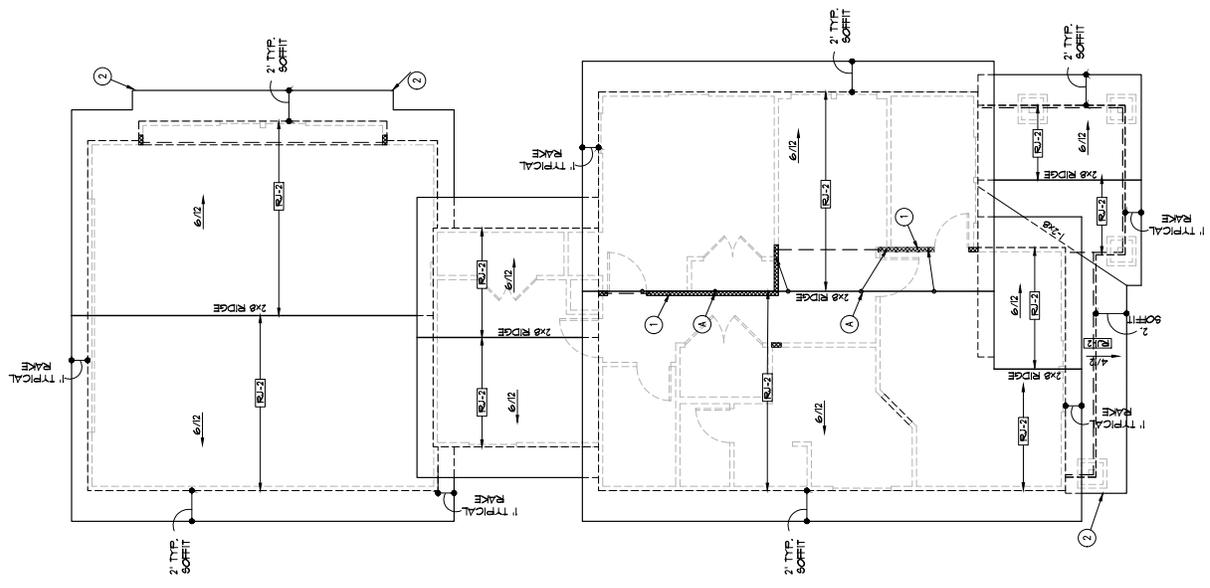
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LANDROCK SIGNATURE HOMES LLC  
 4335 MCGEE ST. • 816-863-5588  
 KANSAS CITY, MO 64111



6/29/2022  
 DRAWN BY: KJF/PJR  
 DATE: 6-21-22  
 PROJECT NO.: 20-040-05

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



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

ROOF PLAN LEGEND	SYMBOL
BEAMS AND JOISTS	---
VALLEY'S	---
HANGER BAKE / GABLE	---
PARAN. WALL	---
TOP OF PARAN. STRUT OR RIDGE POLE	---
TOP OF PARAN. STRUT OR RIDGE POLE	---
LOBBY SIZE AND BRACING	---
UPSET VALUE	---

MARK	MARK SIZE	MARK SPACING	MARK PLAN	MARK VALUED
R1.1	2x6	30"	CEILING	12'-0"
R1.2	2x6	30"	CEILING	14'-4"
R1.3	2x6	24"	CEILING	17'-0"
R1.4	2x6	30"	CEILING	18'-0"
R1.5	2x6	24"	CEILING	14'-0"
R1.6	2x6	24"	CEILING	18'-0"
R1.7	2x6	30"	CEILING	18'-0"
R1.8	2x6	30"	CEILING	18'-0"
R1.9	2x6	24"	CEILING	18'-0"
R1.10	2x6	24"	CEILING	18'-0"
R1.11	2x6	24"	CEILING	18'-0"

- GENERAL NOTES:
- WHERE POSSIBLE BRACE ALL RIDGES WITH 2x6 BRACES TO BEARING WALLS OR BEAMS BELOW AT 4' O.C.
  - REFER TO BEAMS ON WALLS AS INDICATED. CONTACT ARCHITECT WITH ANY PROPOSED CHANGE TO BEAM BEARING LOCATIONS. ARCHITECT MAY REVISIONS TO BEAM BEARING LOCATIONS CAN APPROX. ADDED LOADS.
  - SEE SHEET G1 FOR LOAD AND DEFLECTION LIMITATIONS.
  - SEE SHEET G3 FOR ROOF FRAMING DETAILS 3144G3
  - ROOFING TO BE COMPOSITION-40 YR. ON 30P FELT ON 1/2" OSB SHEATHING
- ROOF PLAN NOTES:
- BEARING WALL OR BEAM BELOW
  - TIGHT BARGE SOFFIT
  - 2x6 1" BRACE TO BEARING WALL OR BEAM AT ROOF AND CEILING WITH MINIMUM (3) 8d NAILS.

RELEASE FOR  
 CONSTRUCTION  
 AS NOTED ON PLANS REVIEW  
 Development Services  
 LEE'S SUMMIT, MISSOURI

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**Webster**  
 ARCHITECTS  
 1000 SOUTH GREEN ROAD  
 CLATRE, KANSAS 66001  
 PHONE: 913-930-4663  
 WWW.WEBSTERARCHITECTS.COM

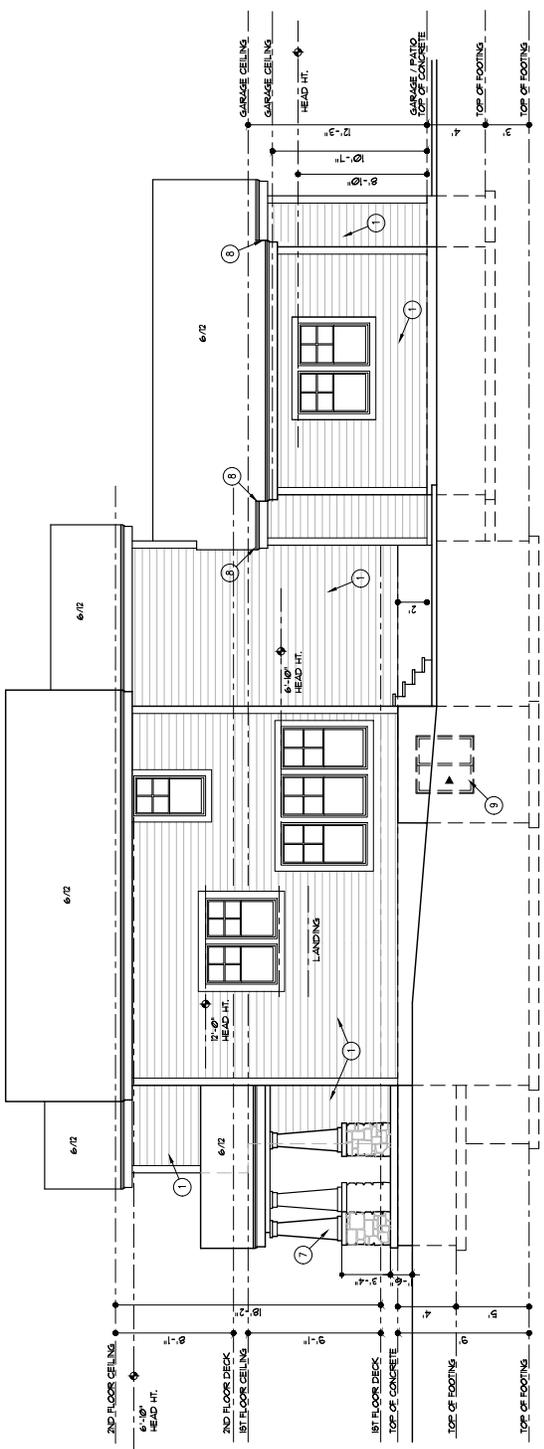
LEE'S SUMMIT, MO. 64081  
 1028 SW ARMIE ST.  
 PERGOLA PARK 4TH PLAT LOT 92

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 4335 MCGEE ST. • 816-868-5588  
 KANSAS CITY, MO 64111

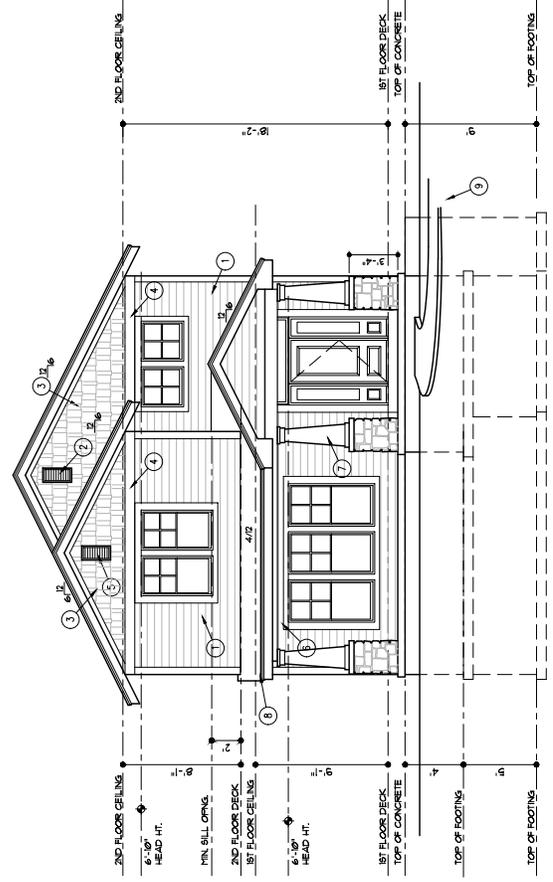
6/23/2022

DATE: 6-21-22  
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 PROJECT NO.: 20-040-05

SHEET NO. **A5**



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



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

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

- GENERAL NOTES**
- A. ROOFING TO BE COMPOSITION-40 YR. ON 3/8" FELT ON 1/2" OSB SHEATHING
- ELEVATION NOTES**
- 1. SMART LAP SIDING WITH 6" EXPOSURE AND 5/16x44 SMART TRIM AT CORNERS, DOORS AND WINDOWS
  - 2. 14"x23" GABLE VENT
  - 3. SMART LAP SHAKE SHINGLE SIDING WITH 5/16x44 SMART TRIM AT CORNERS AND WINDOWS
  - 4. 3/4x8 SMART TRIM
  - 5. 2"x24" GABLE VENT
  - 6. NA

- 7. 6x6 POST INSIDE TAFFERED COLUMN OVER FRAMED BASE WITH MANUFACTURED STONE AND CAP TRIM
- 8. TIGHT BARGE
- 9. CONCRETE FORESA UNDOUWELL WINDOW SET AT MAX. 44" FROM FINISH FLOOR TO BILL

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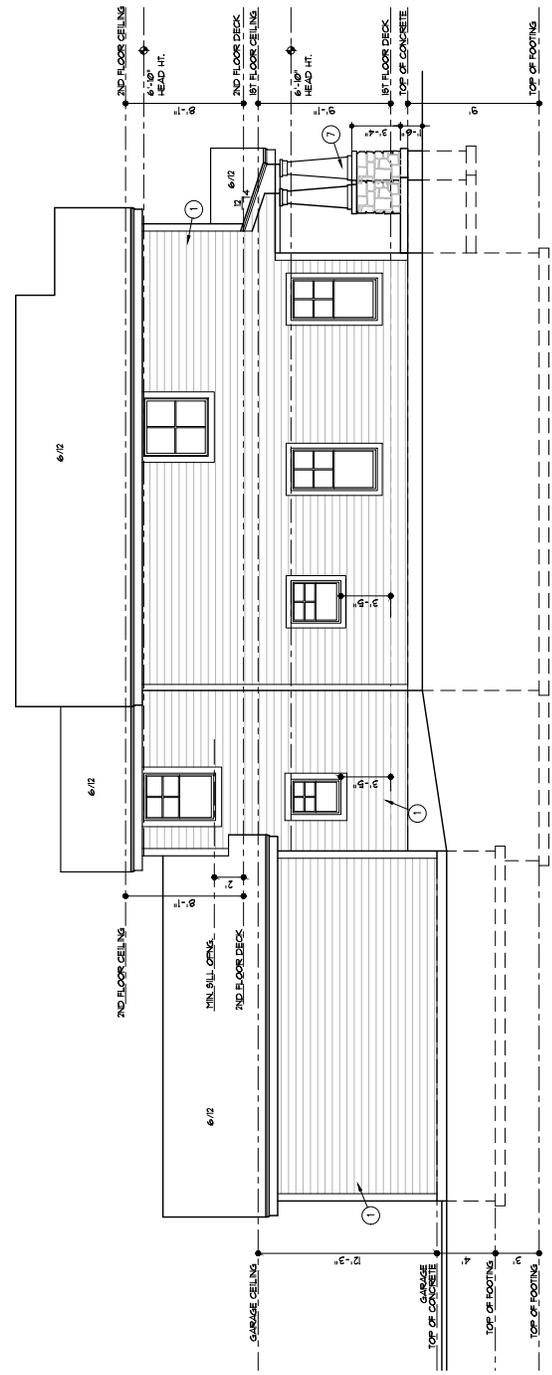
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 1028 SW ARMY ST.  
 PERGOLA PARK 4TH PLAT LOT 92

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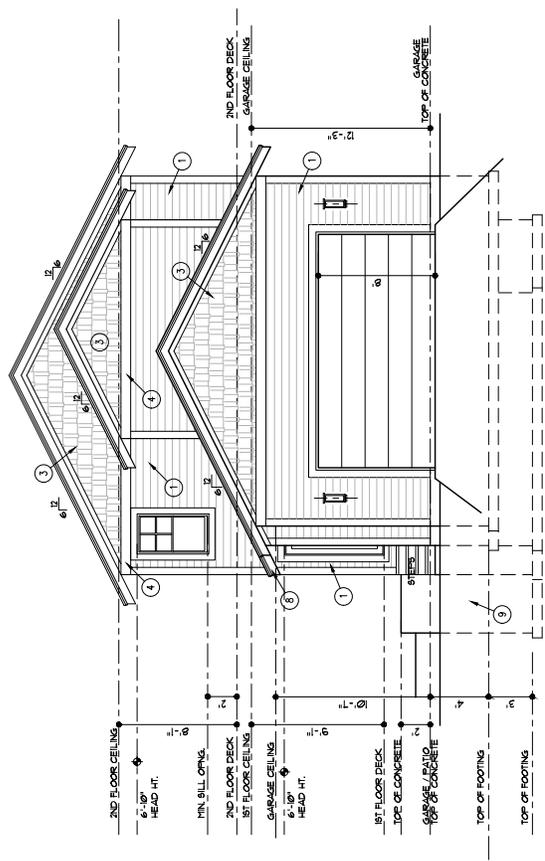


6/17/2022  
 DRAWN BY: KCF/PP  
 DATE: 6-17-22  
 PROJECT NO.: 20-040-05

SHEET NO. **A6**



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



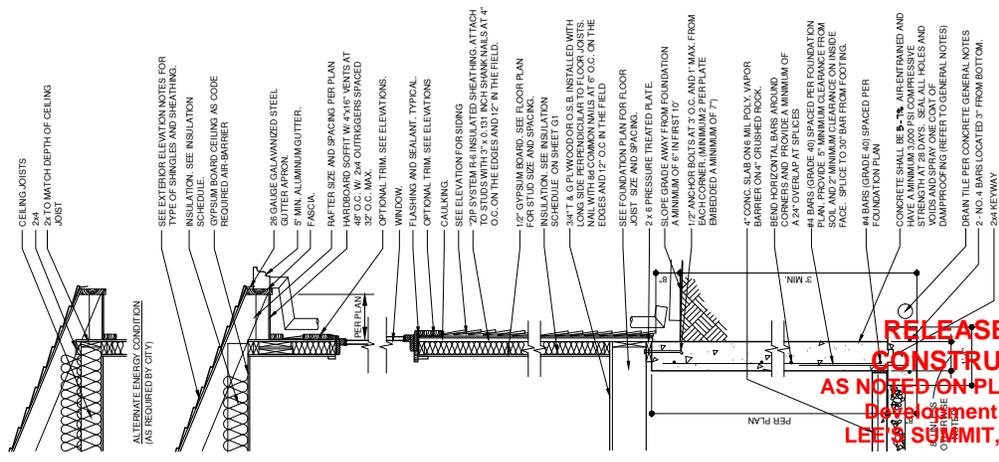
**REAR ELEVATION**  
 1/4" = 1'-0"

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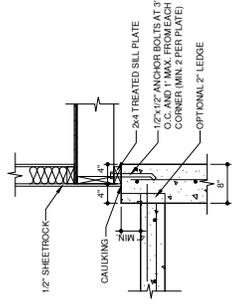
- GENERAL NOTES**
- A. ROOFING TO BE COMPOSITION-40 YR OR 30Y FELT ON 1/2" OSB SHEATHING
- ELEVATION NOTES**
1. SHARPT LAP SIDING WITH 6" EXPOSURE AND 5/4x4 SHARPT TRIM AT CORNERS, DOORS AND WINDOWS
  2. 1 1/2"x3" GABLE VENT
  3. SHARPT LAP SHAKE SHINGLE SIDING WITH 5/4x4 SHARPT TRIM AT CORNERS AND WINDOWS
  4. 3/4"x8 SHARPT TRIM
  5. 2"x2 1/2" GABLE VENT
  6. NA
  7. 6x6 POST INSIDE TAFFERED COLUMN OVER FRAMED BASE WITH MANUFACTURED STONE AND CAP TRIM
  8. TIGHT BARGE
  9. CONCRETE EXPOSED WINDOWWELL, WINDOW SET AT MAX. 44" FROM FINISH FLOOR TO SILL

**RELEASE FOR CONSTRUCTION**  
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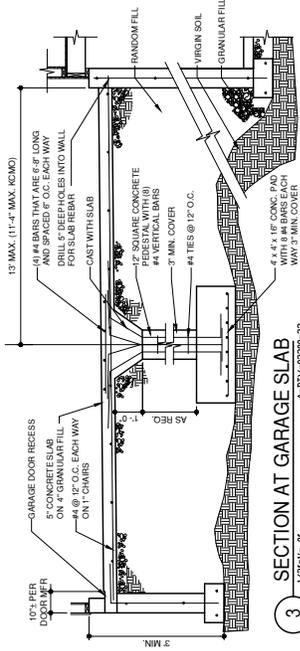




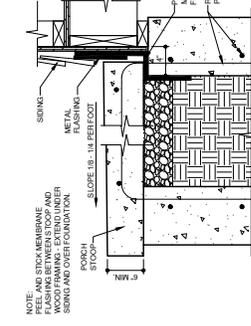
**WALL SECTION**  
 A-21V-03300-17E



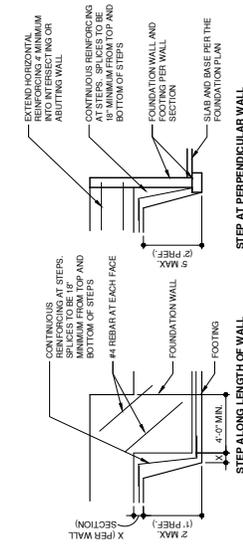
**5 HOUSE GARAGE WALL SETBACK**  
 1'-5 1/2\"-0\"  
 A-21V-03300-39B



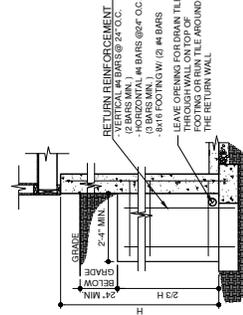
**3 SECTION AT GARAGE SLAB**  
 1'-2 1/4\"-0\"  
 A-21V-03300-33



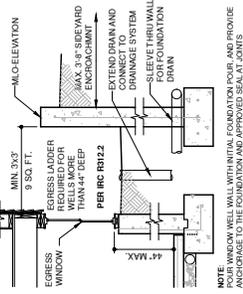
**4 STOOP DETAIL**  
 1'-2 1/4\"-0\"  
 A-21V-03300-35B



**2 ELEVATION AT FOUNDATION STEP**  
 1'-4 1/4\"-0\"  
 A-21E-03300-91



**8 RETURN WALL DETAIL**  
 1'-2 1/4\"-0\"  
 A-21V-03300-34



**9 WINDOW WELL SECTION**  
 1'-2 1/4\"-0\"  
 A-21V-03300-36

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ALL WORK SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE ARCHITECT.

**Webster** ARCHITECTS  
 1000 SOUTH GREEN ROAD  
 CLAYTON, MISSOURI 63009  
 PHONE: 636-990-4666  
 WWW.WEBSTERARCHITECTS.COM

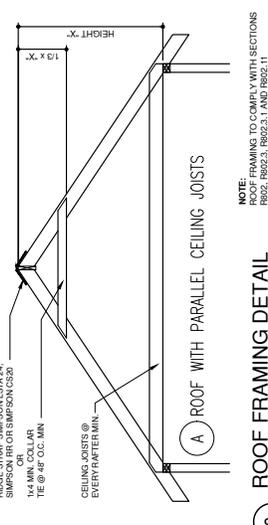
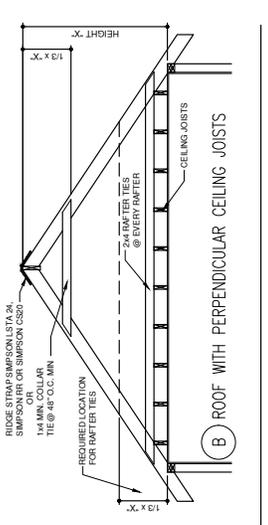
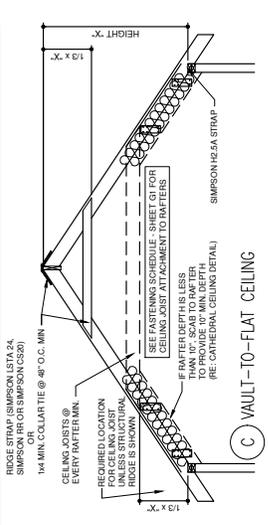
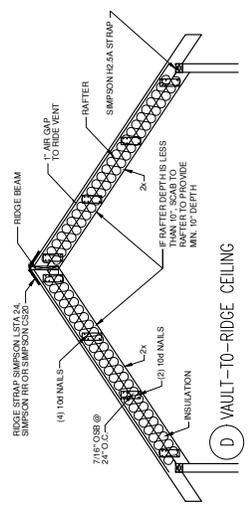
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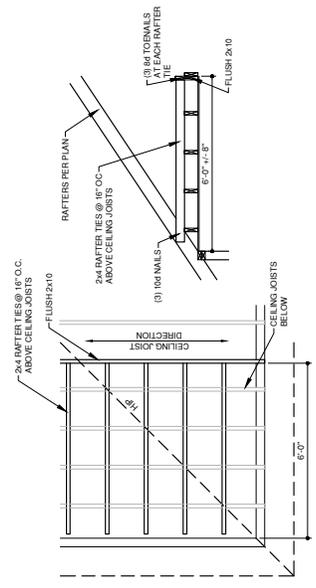
6/29/2022

**G3**  
 SHEET NO.

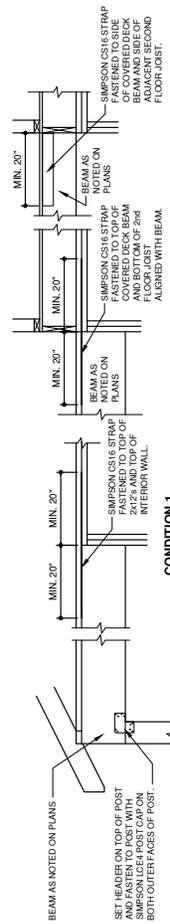
1-5-2022



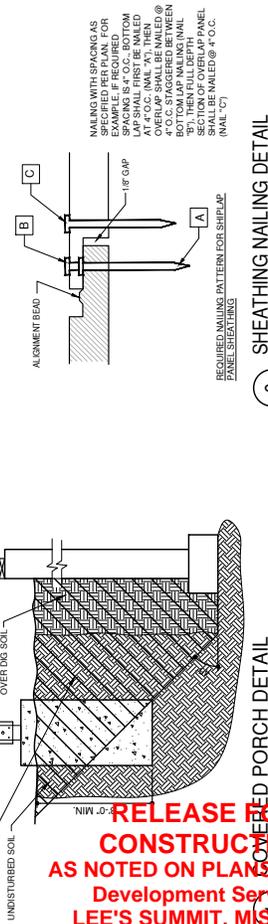
**3** 1/2"x1'-0"  
**ROOF FRAMING DETAIL**  
 A-21V-6606-04  
 NOTE: ROOF FRAMING TO COMPLY WITH SECTIONS 1602.1, 1602.2, 1602.3, 1 AND 1602.11



**4** 1/2"x1'-0"  
**ROOF W/ PERPENDICULAR CEILING JOISTS**  
 A-21V-6606-09



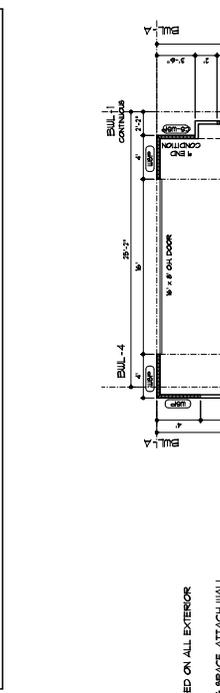
**2** 1/2"x1'-0"  
**SHEATHING NAILING DETAIL**  
 A-21V-6606-09



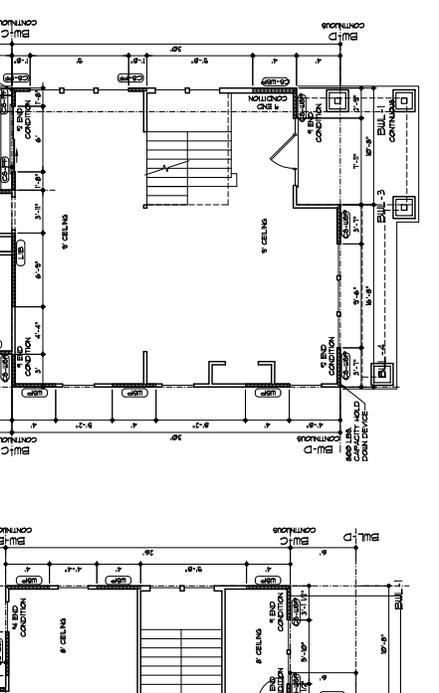
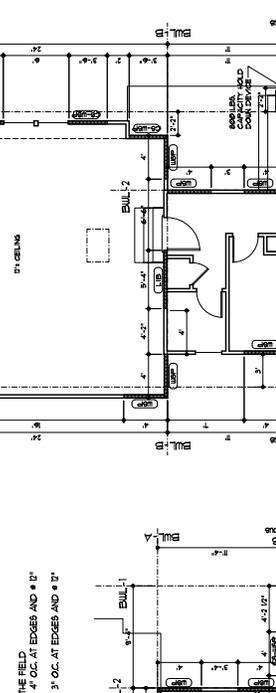
**3** 1/2"x1'-0"  
**BEAM AND POST DETAIL**  
 A-21V-6606-07

**RELEASE FOR CONSTRUCTION AS NOTED ON PLANS REVIEW**  
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METHOD NUMBER	DESCRIPTION	MINIMUM LENGTH	PASTENERS
LB	LET BRACING METAL STRAP TO FORM "X" OR "V". INSTALL PER MANUFACTURER TO PLATE AND AT AN ANGLE BETWEEN 45 TO 75 DEGREES TO THE WALL FACE TO PREVENT TORSION FROM DEVELOPING.	AS REQUIRED TO ALLOW BRACE TO BE CONTINUOUS FROM PLATE TO PLATE AND AT AN ANGLE BETWEEN 45 TO 75 DEGREES TO THE WALL FACE TO PREVENT TORSION FROM DEVELOPING.	PER MANUFACTURER'S REQUIREMENTS
WSP	WOOD SHIP-LAP SHEATHING (1/2" OR 5/8" THICK) ON O.C. (MAX. 16" FOR STUDS AT 19" MIN. 48"	MIN. 48"	6/0 C. COMMON NAILS INTERMEDIATES INTERMEDIATES
CS/SP	CONTINUOUS SHEATHING: WOOD STRUCTURAL PANEL 3/8" THICK (MIN. 1/2" FOR STUDS AT 19" MIN. 48" O.C. (MAX. 16" FOR STUDS AT 19" MIN. 48" O.C. (MAX. 16" FOR STUDS AT 19" MIN. 38"	CONTINUOUS ON ALL EXTERIOR WALLS	6/0 C. AT EDGES AND 12" O.C. AT INTERMEDIATES 6/0 C. AT EDGES AND 12" O.C. AT INTERMEDIATES 6/0 C. AT EDGES AND 12" O.C. AT INTERMEDIATES (CAN SUBSTITUTE COOLER NAILS)
GB	GYP BOARD: 1/2" THICK (MIN. 1/2" FOR STUDS AT 19" MIN. 48" O.C. (MAX. 16" FOR STUDS AT 19" MIN. 48" O.C. (MAX. 16" FOR STUDS AT 19" MIN. 38"	PORTAL FRAME GARAGE: WITH HOLD-DOWNS REFER TO DETAIL TILED METHOD (CS-PF) REFER TO DETAIL TILED METHOD (CS-PF)	6/0 C. AT EDGES AND 12" O.C. AT INTERMEDIATES 6/0 C. AT EDGES AND 12" O.C. AT INTERMEDIATES 6/0 C. AT EDGES AND 12" O.C. AT INTERMEDIATES (CAN SUBSTITUTE COOLER NAILS)
PH/PP	PORTAL FRAME GARAGE: WITH HOLD-DOWNS REFER TO DETAIL TILED METHOD (CS-PF) REFER TO DETAIL TILED METHOD (CS-PF)	CONTINUOUS SHEATHING PORTAL FRAME	6/0 C. AT EDGES AND 12" O.C. AT INTERMEDIATES 6/0 C. AT EDGES AND 12" O.C. AT INTERMEDIATES 6/0 C. AT EDGES AND 12" O.C. AT INTERMEDIATES (CAN SUBSTITUTE COOLER NAILS)
CS-PF	CONTINUOUS SHEATHING PORTAL FRAME	CONTINUOUS SHEATHING PORTAL FRAME	6/0 C. AT EDGES AND 12" O.C. AT INTERMEDIATES 6/0 C. AT EDGES AND 12" O.C. AT INTERMEDIATES 6/0 C. AT EDGES AND 12" O.C. AT INTERMEDIATES (CAN SUBSTITUTE COOLER NAILS)



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 RTY JOISTS THROUGH SUB-FLOOR WITH 6d NAILS @ 9" O.C. AT EDGES AND 12" O.C. IN THE FIELD PER DETAIL 4.08.  
C. ALL EXTERIOR WALLS SHALL BE SHEATHED PER ONE OF THE FOLLOWING OPTIONS:  
1. 1/2" APA-RATED PLYWOOD OR GYP BOARD WITH 6d NAILS @ 9" O.C. AT EDGES AND 12" O.C. IN THE FIELD PER DETAIL 4.08.  
2. 3/8" SHIP-LAP PANEL SHEATHING (1/2" OR 5/8" THICK) OR EQUIVALENT WITH 6d NAILS @ 9" O.C. AT EDGES AND 12" O.C. IN THE FIELD PER DETAIL 4.08.



MINIMUM WALL STUD SPACING (INCHES)	MAXIMUM TOTAL WALL HEIGHT (FEET)	MAXIMUM OPENING WIDTH (FEET)	TENSION STRAP CAPACITY REQUIRED (LBS)	EXPOSURE B				
				110	115	120	125	130
2 x 4 NO. 2 GRADE	10	0	1,000	1,000	1,000	1,000	1,000	1,000
			1,000	1,000	1,000	1,000	1,000	1,000
			1,000	1,000	1,000	1,000	1,000	1,000
			1,000	1,000	1,000	1,000	1,000	1,000
			1,000	1,000	1,000	1,000	1,000	1,000
2 x 4 STUD GRADE	12	0	1,000	1,000	1,000	1,000	1,000	1,000
			1,000	1,000	1,000	1,000	1,000	1,000
			1,000	1,000	1,000	1,000	1,000	1,000
			1,000	1,000	1,000	1,000	1,000	1,000
			1,000	1,000	1,000	1,000	1,000	1,000

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

