

LEON DELORGE

THANK YOU FOR PURCHASING A QUALITY LOG HOME PACKAGE FROM SOUTHLAND LOG HOMES. THIS IS YOUR FINAL SET OF PLANS. PLEASE READ ALL INFORMATION PROVIDED TO YOU BY SOUTHLAND LOG HOMES BEFORE BEGINNING CONSTRUCTION. OUR KNOWLEDGABLE STAFF WILL BE AVAILABLE TO ASSIST YOU WITH ANY QUESTIONS YOU MAY HAVE DURING THE BUILDING PROCESS.

WWW.SOUTHLANDLOGHOMES.COM



SOUTHLAND
LOG HOMES

PO BOX 1668, HIGHWAY 176 @ 1-26
IRMO, SOUTH CAROLINA 29063-1668
(803) 781- 5100 (LOCAL)
1-800-845-3555 (USA)

DO NOT BEGIN CONSTRUCTION IF:

YOUR AREA REQUIRES SEALED PLANS FROM AN ENGINEER. PLEASE WAIT UNTIL THE SEALED PLANS ARRIVE BEFORE PROCEEDING WITH YOUR PROJECT.

GENERAL CONTRACTOR NOTES:
1.) CONTRACTOR TO VERIFY ALL DIMENSIONS BEFORE BEGINNING CONSTRUCTION.
2.) REFER TO SOUTHLAND LOG HOMES' CONSTRUCTION MANUAL FOR FURTHER INSTRUCTIONS.

SOUTHLAND
LOG HOMES
7501 EPROCK ROAD
PO BOX 1668
IRMO, SC 29063-1668
800-845-3555 USA
803-781-5100 (LOCAL)

LEON DELORGE
DELIVERY COUNTY: SEVIER
DELIVERY STATE: TN
CUSTOMER ID NUMBER: 781620
SITE ADDRESS: THORNGROVE PIKE
KODAK, TN

FINAL PLANS
Contractor is responsible to field verify all dimensions on your job site.
Some areas or local building departments may require sealed copies of these plans. It is the responsibility of the contractor to determine if sealed plans are necessary and must notify Seller in writing at least thirty-five (35) days prior to construction. Plans are subject to change by Seller to comply with local building codes. Final plans require "sealing" DO NOT START CONSTRUCTION UNTIL you have received your "sealed" plans from the engineer.

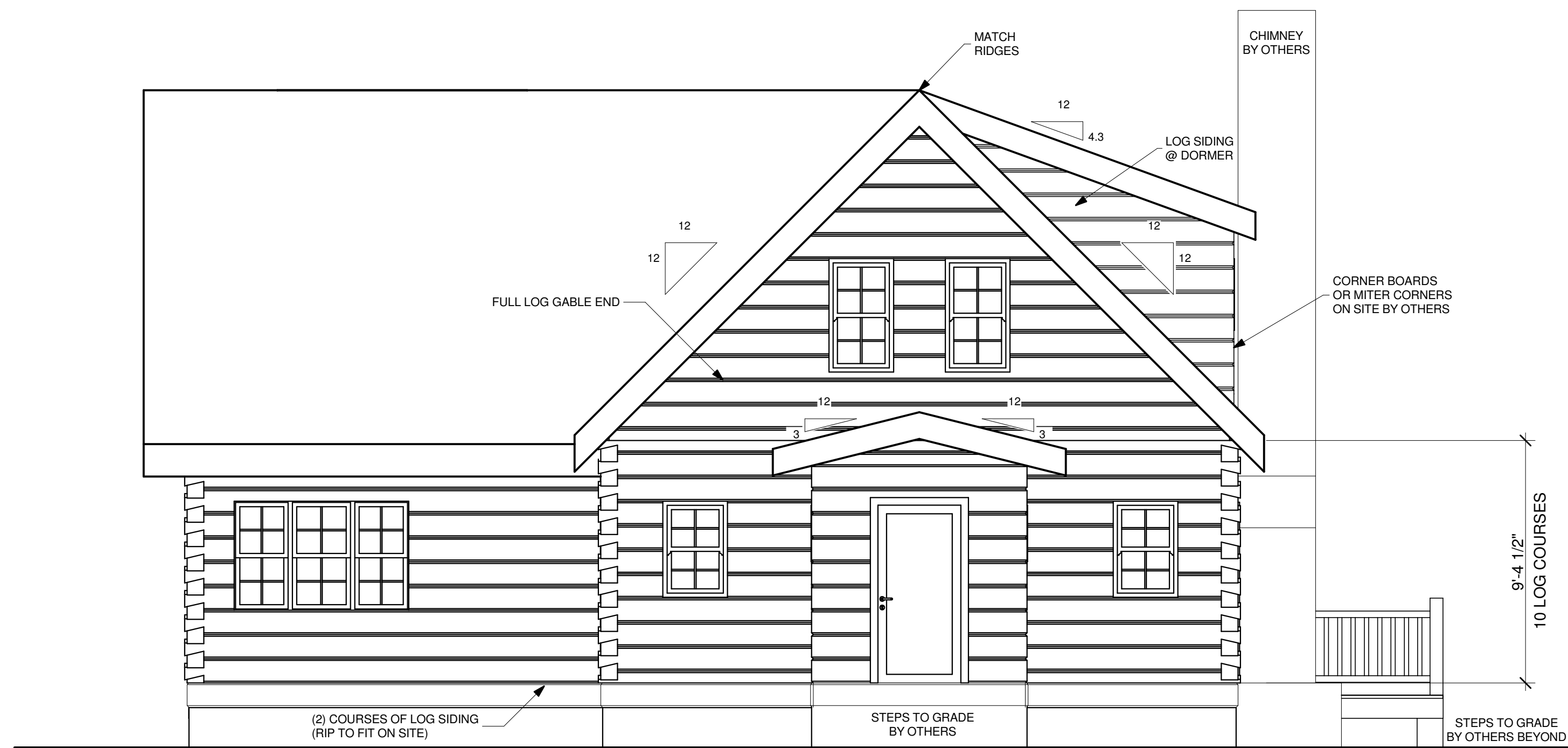
LOG STYLE & PROFILE
8X12 DOVETAIL EWP
EWP
EXT. INT.
DT
RGH V / SMITH V

WARNING!
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IMPORTANT NOTES
READ CAREFULLY
FINAL PLANS
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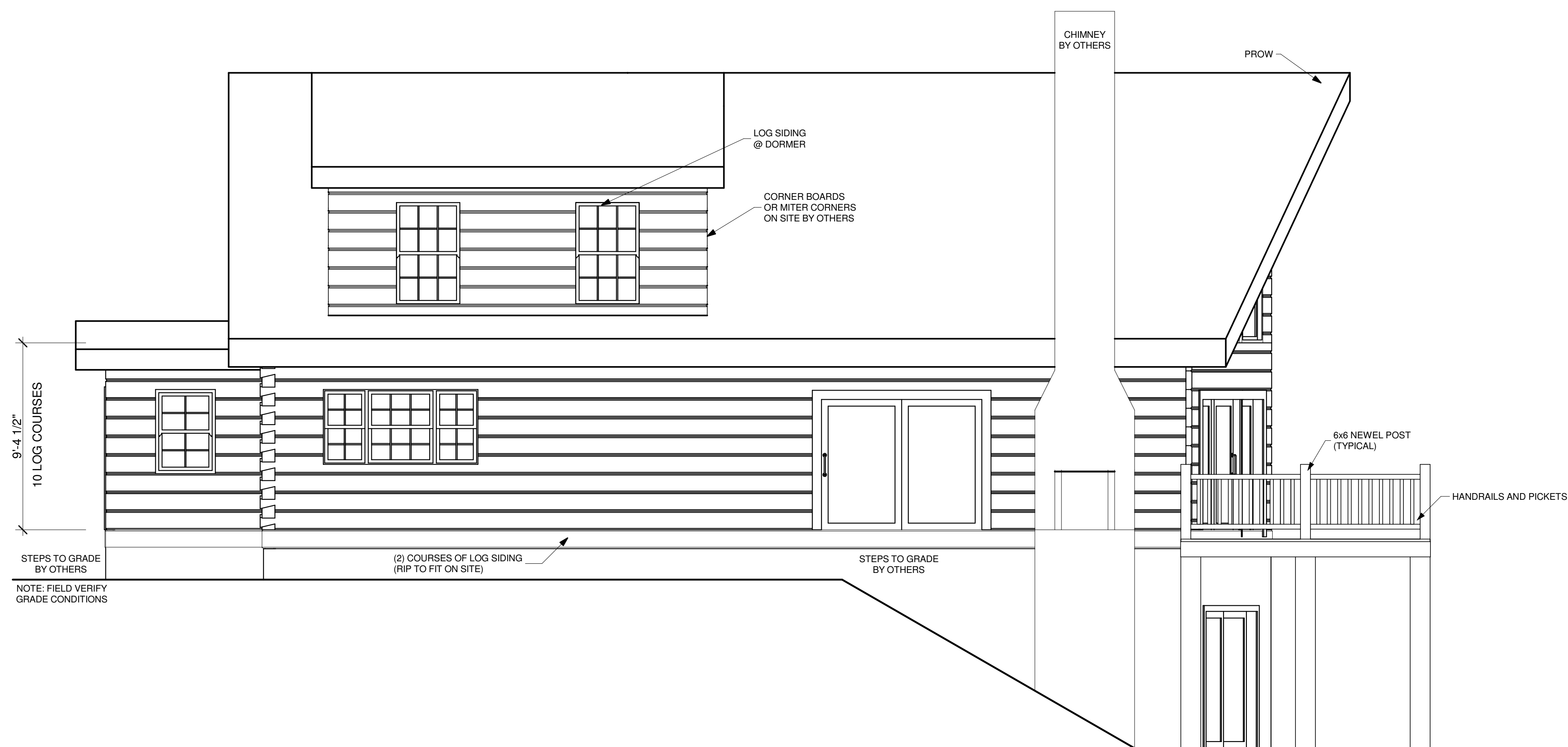
1601958
PROJECT NUMBER

SHEET NUMBER



FRONT ELEVATION

1/4" = 1'-0"



RIGHT ELEVATION

1/4" = 1'-0"

GENERAL ELEVATION NOTES:
 ALL EXTERIOR WOOD DOOR TRIM AND EXTERIOR NON-RADIUS WOOD WINDOW TRIM TO BE PROVIDED BY SOUTHLAND LOG HOMES. EXTERIOR TRIM FOR CLAD DOORS, CLAD WINDOWS, AND ANY RADIUS WINDOW TO BE PROVIDED BY OTHERS. RIDGE VENT BY OTHERS.

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SOUTHLAND LOG HOMES
 750 EPOCO LANE
 P.O. BOX 1058
 IRMO, SC 29065-1058
 800-945-3555 USA
 803-761-5123 FAX

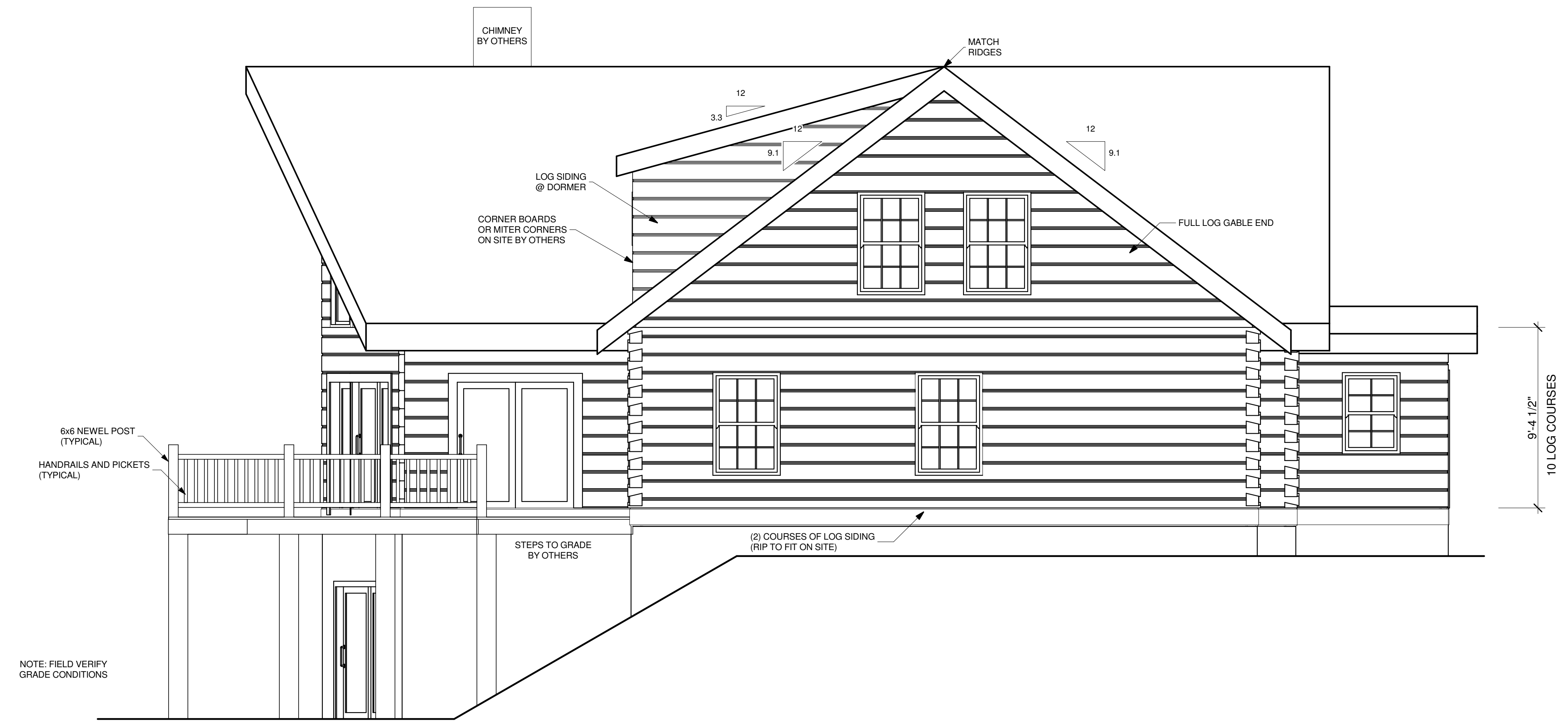
MODEL: CUSTOM
 DESIGNED BY: JMG
 CHECKED BY: MEL
 PLAN DATE: 5/19/16
 DELIVERY DATE: 10/26/16

1601958
 PROJECT NUMBER

1.1
 SHEET NUMBER



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



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

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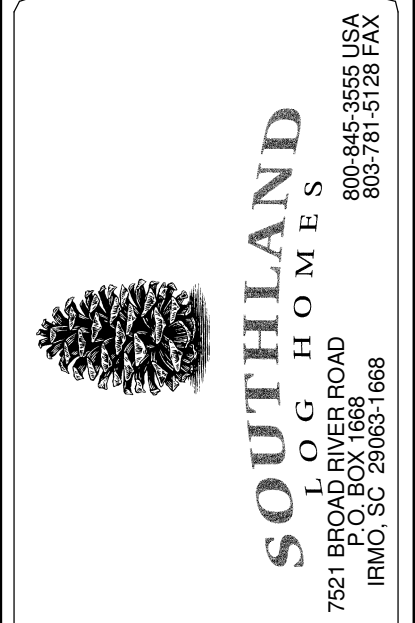
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MODEL: CUSTOM
DESIGNED BY: JMG
CHECKED BY: MEL
PLAN DATE: 5/19/16
DELIVERY DATE: 10/26/16

1601958
PROJECT NUMBER

1.2
SHEET NUMBER

DOOR SCHEDULE					WINDOW SCHEDULE								
Created at 12:07 PM 5/23/2016													
MARK	SIZE	ROUGH OPENING	TYPE	QTY	REMARKS	PROVIDED BY	MARK	SIZE	ROUGH OPENING	TYPE	QTY	REMARKS	PROVIDED BY
1	3-0 x 6-8	3-2 1/2 x 6-10 1/2	EXT	1	Andersen Terratone Clad Full View French Door-RI	Southland	A	2-0 x 3-2	2-2 1/8 x 3-4 7/8	D/H	2	Terratone Clad Single	Southland
2	3-0 x 6-8	3-2 1/2 x 6-10 1/2	EXT	2	Andersen Terratone Clad Full View French Door-Fixed	Southland	B	2-6 x 3-10	2-8 1/8 x 4-0 7/8	D/H	2	Terratone Clad Single	Southland
3	6-0 x 6-8	6-0 1/2 x 6-10 3/8	EXT	2	Andersen Terratone Clad Rolling French Door-LI	Southland	C	3-0 x 4-10	3-2 1/8 x 5-0 7/8	D/H	2	Terratone Clad Single	Southland
4	6-0 x 6-8	6-0 1/2 x 6-10 3/8	EXT	2	Andersen Terratone Clad Rolling French Door-RI	Southland	D	20x310	6-4 7/8 x 4-1 1/2	D/H	1	Sandstone Clad Triple-Tempered	Southland
5	8-0 x 6-8	8-0 1/2 x 6-10 3/8	EXT	1	Andersen Terratone Clad Rolling French Door-LI	Southland	E	20/30/20x32	7-4 1/2 x 3-4 7/8	D/H	1	Sandstone Clad Triple	Southland

EXTRA ITEMS PURCHASED WITH YOUR LOG HOME PACKAGE
EXTRA 1x8 WHITE PINE T&G 4600 WIR

SQUARE FOOTAGE (ANSI Z765-2003)	
HEATED AREAS:	
FIRST FLOOR.....	1720 Sq. Ft.
SECOND FLOOR.....	938 Sq. Ft.
TOTAL HEATED.....	2658 Sq. Ft.
UNHEATED AREAS:	
STORAGE.....	281 Sq. Ft.
BASEMENT.....	1707 Sq. Ft.
TOTAL UNHEATED.....	1988 Sq. Ft.
TOTAL UNDER ROOF.....	4646 Sq. Ft.

- ROUGH CONSTRUCTION STAIRS ONLY**
- L-STAIRS TO BASEMENT PROVIDED BY OWNER
 - FLOOR/FLOOR HEIGHT= 10'-11 1/2" 17 RISERS @ + 7 3/4" 16 TREADS @ 10" MIN.
 - L-STAIRS TO SECOND FLOOR PROVIDED BY SOUTHLAND
 - FLOOR/FLOOR HEIGHT= 8'-6 3/4" 14 RISERS @ + 7 5/16" 13 TREADS @ 10" MIN.
 - 8x12 DOVETAIL-EWP SUNDRY ITEMS ARE INCLUDED IN YOUR LOG HOME PACKAGE

FLOOR PLAN KEY:

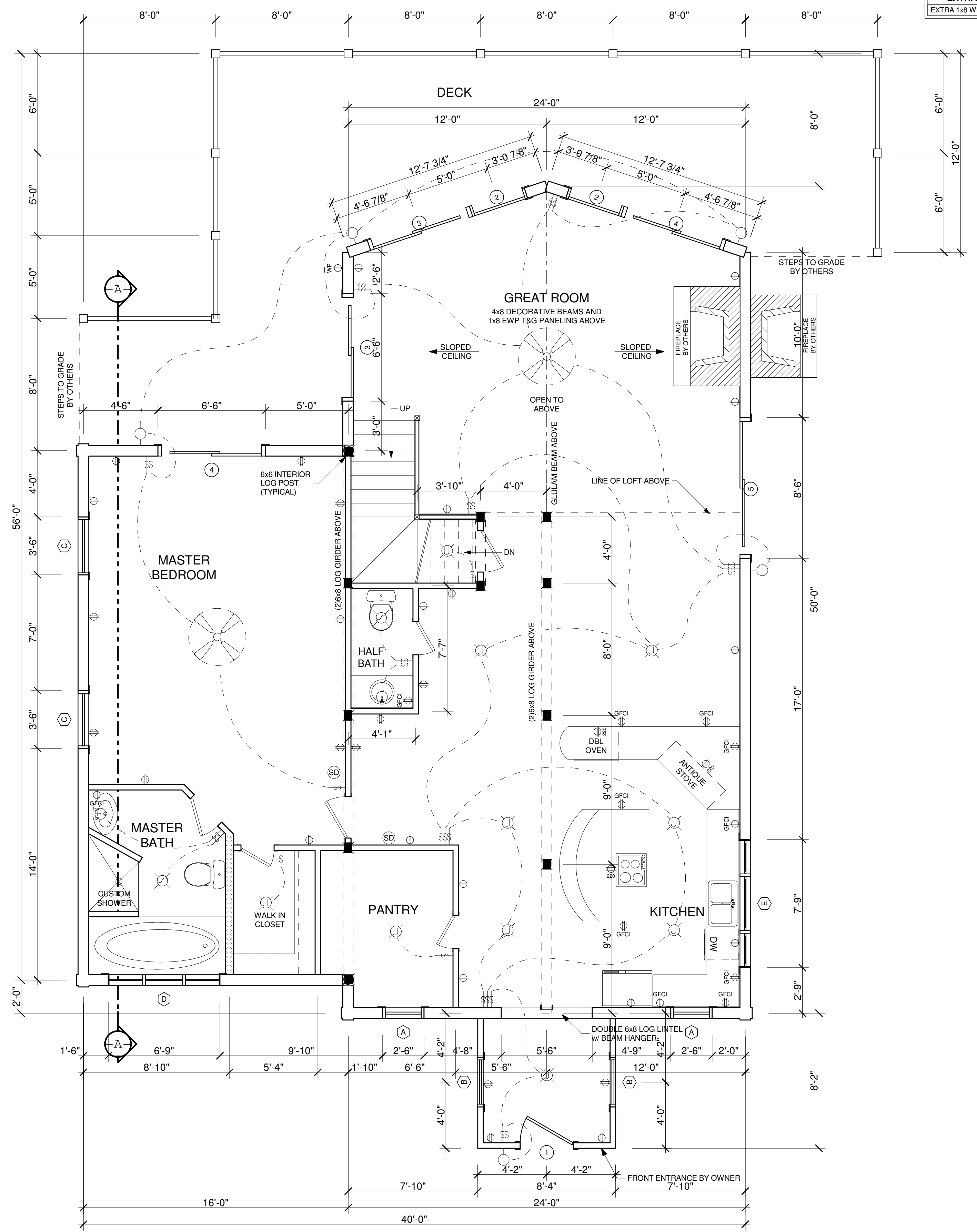
- INTERIOR WALL
- INTERIOR LOAD-BEARING WALL
- PLUMBING WALL
- STOCKADE / DOVETAIL LOG WALL (REFER TO CONTRACT)
- HANDRAILS & PICKETS (BY OTHERS)
- 6x8 LOG POSTS (REFER TO CONTRACT)
- 6x8 LOG LINTEL (REFER TO CONTRACT)
- TOILET (BY OTHERS)
- BIDET (BY OTHERS)
- CEILING FAN W/ LIGHT (BY OTHERS)
- JUNCTION BOX (BY OTHERS)
- LIGHT (BY OTHERS)
- VENT FAN W/ LIGHT (BY OTHERS)
- SMOKE DETECTOR (BY OTHERS)
- SWITCH (BY OTHERS)
- 220v OUTLET (BY OTHERS)
- 110v ARC-FAULT CIRCUIT INTERRUPTER (BY OTHERS)
- WATERPROOF OUTLET (BY OTHERS)
- GROUND FAULT CIRCUIT INTERRUPTER (BY OTHERS)

GENERAL FLOOR PLAN NOTES:

1.) UNLESS OTHERWISE NOTED, ROOF LOADS ARE DESIGNED FOR 15 PSF DEAD LOAD. ALL OTHER ROOF LOADS TO BE DETERMINED BY LOCAL BUILDING CODES

SOUTHLAND LOG HOMES CALCULATES SQUARE FOOTAGE ACCORDING TO STANDARDS SET BY (ANSI Z765 - 2003)

- HEATED SQUARE FOOTAGE IS CALCULATED FROM OUTSIDE TO OUTSIDE OF WALLS
- STAIRS CAN BE COUNTED AS SQUARE FOOTAGE ON EACH LEVEL
- AREA WITH CEILING HEIGHT IS LESS THAN 5'-0" IS CONSIDERED STORAGE (IF KNEEWALL IS PRESENT IT IS UNHEATED STORAGE)
- UNHEATED SQUARE FOOTAGE IS CALCULATED FROM INSIDE TO INSIDE OF WALLS



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

IMPORTANT NOTES
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FINAL PLANS

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8X12 DOVETAIL EWP

INT. DT
EXT. DT
RGH V / SMITH V

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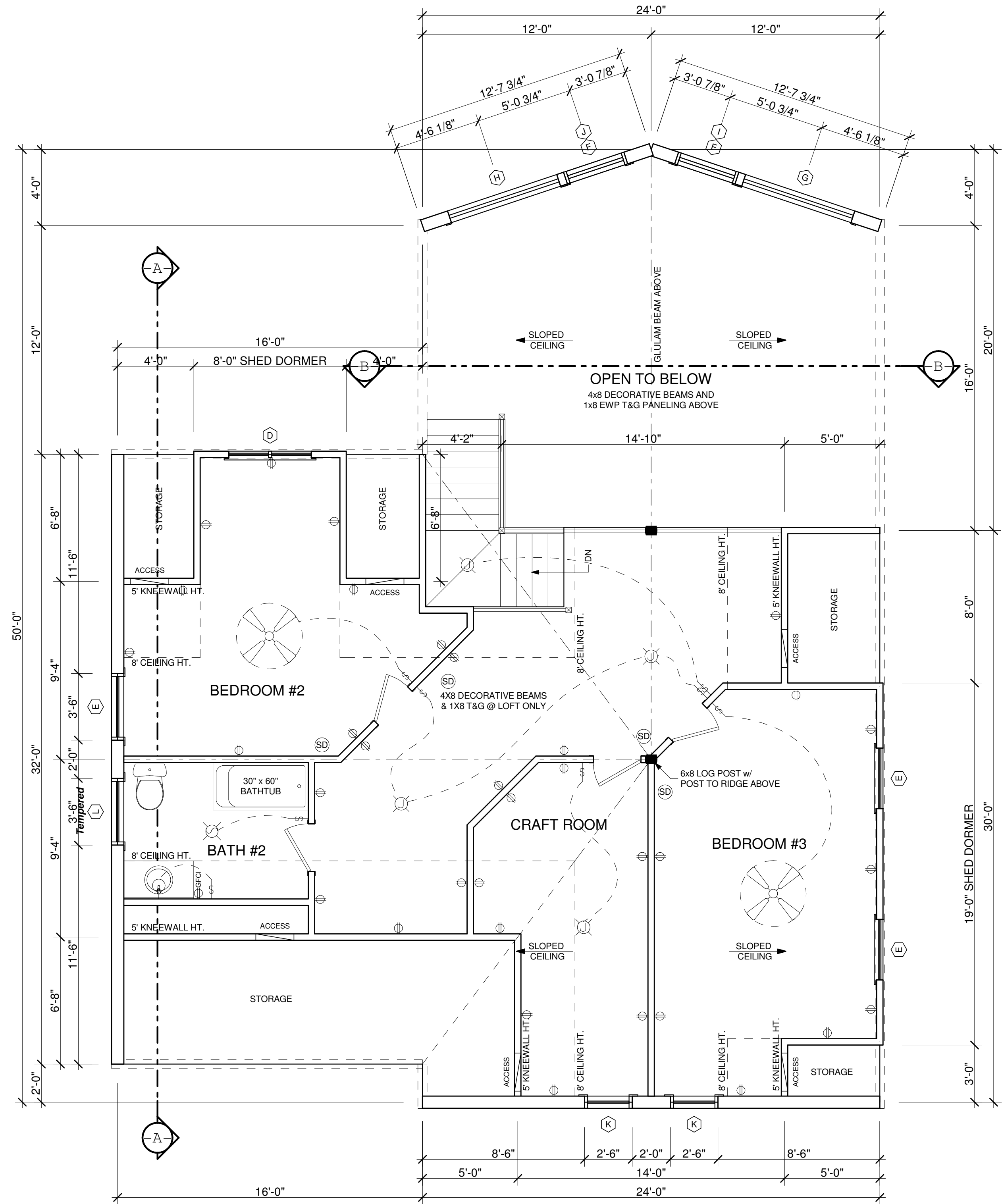
SOUTHLAND LOG HOMES
7501 EPOCA LANE
PO BOX 1658
RINDO, SC 29085-1658

MODEL: CUSTOM
DESIGNED BY: JMG
CHECKED BY: MEL
PLAN DATE: 5/19/16
DELIVERY DATE: 10/26/16

1601958
PROJECT NUMBER

2.1
SHEET NUMBER

WINDOW SCHEDULE						
Created at 2:26 PM 5/20/2016						
MARK	SIZE	ROUGH OPENING	TYPE	QTY	REMARKS	PROVIDED BY
D	2-0 x 4-10	4-3 7/8 x 5-0 7/8	D/H	1	Terratone Clad Twin	Southland
E	3-0 x 4-10	3-2 1/8 x 5-0 7/8	D/H	3	Terratone Clad Single	Southland
F	36x84	3-0 1/2 x 7-0 1/2	FIXED	2	Terratone Clad Single	Southland
G	72x12x80	6-0 1/2 x 1-0 1/2 x 6-8 1/2	Fixed	1	Terratone Clad Trapezoid Left Hand	Southland
H	72x12x80	6-0 1/2 x 1-0 1/2 x 6-8 1/2	Fixed	1	Terratone Clad Trapezoid Right Hand	Southland
I	36x34	3-0 1/2 x 2-10 1/2	Fixed	1	Terratone Clad Triangle Left Hand	Southland
J	36x34	3-0 1/2 x 2-10 1/2	Fixed	1	Terratone Clad Triangle Right Hand	Southland
K	2-0 x 3-10	2-2 1/8 x 4-0 7/8	D/H	2	Terratone Clad Single	Southland
L	3-0 x 4-10	3-2 1/8 x 5-0 7/8	D/H	1	Terratone Clad Single-Tempered	Southland



SECOND FLOOR PLAN

1/4" = 1'-0"

FLOOR PLAN KEY:	
[Symbol]	INTERIOR WALL
[Symbol]	INTERIOR LOAD-BEARING WALL
[Symbol]	PLUMBING WALL
[Symbol]	STOCKADE / DOVETAIL LOG WALL (REFER TO CONTRACT)
[Symbol]	HANDRAILS & PICKETS (BY OTHERS)
[Symbol]	6x8 LOG POSTS (REFER TO CONTRACT)
[Symbol]	6x8 LOG LINTEL (REFER TO CONTRACT)
[Symbol]	TOILET (BY OTHERS)
[Symbol]	BIDET (BY OTHERS)
[Symbol]	CEILING FAN W/ LIGHT (BY OTHERS)
[Symbol]	JUNCTION BOX (BY OTHERS)
[Symbol]	LIGHT (BY OTHERS)
[Symbol]	VENT FAN W/ LIGHT (BY OTHERS)
[Symbol]	SMOKE DETECTOR (BY OTHERS)
[Symbol]	SWITCH (BY OTHERS)
[Symbol]	220V OUTLET (BY OTHERS)
[Symbol]	110V ARC-FAULT CIRCUIT INTERRUPTER (BY OTHERS)
[Symbol]	WATERPROOF OUTLET (BY OTHERS)
[Symbol]	GROUND FAULT CIRCUIT INTERRUPTER (BY OTHERS)

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8X12 DOVETAIL EWP
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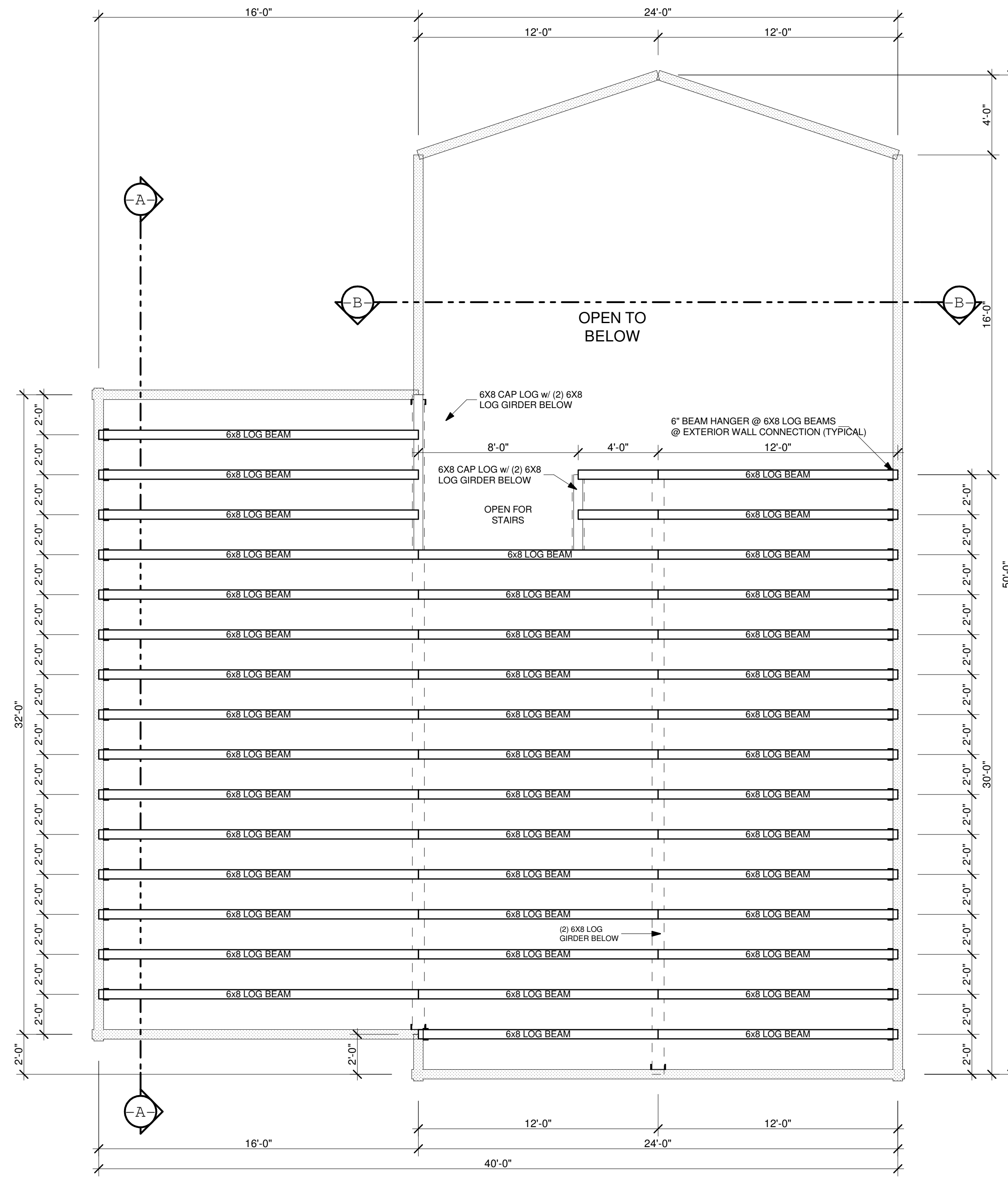
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 7501 EPOCH BOX 1658
 IRMO, SC 29065-1658
 800-945-3555 USA
 803-761-5123 FAX

MODEL: CUSTOM
 DESIGNED BY: JMG
 CHECKED BY: MEL
 PLAN DATE: 5/19/16
 DELIVERY DATE: 10/26/16

1601958
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2.2
 SHEET NUMBER



LOG BEAM SCHEMATIC
1/4" = 1'-0"

LOG BEAM KEY:

	TOP COURSE OF LOG WALL
	LOG WALLS BELOW
	LOG GIRDERS BELOW
	6x8 CAP LOG
	6x8 LOG BEAM (REFER TO CONTRACT)

GENERAL LOG BEAM NOTES:
CONTRACTOR TO REFER TO LOG OVERLAY SHEETS DURING CONSTRUCTION.

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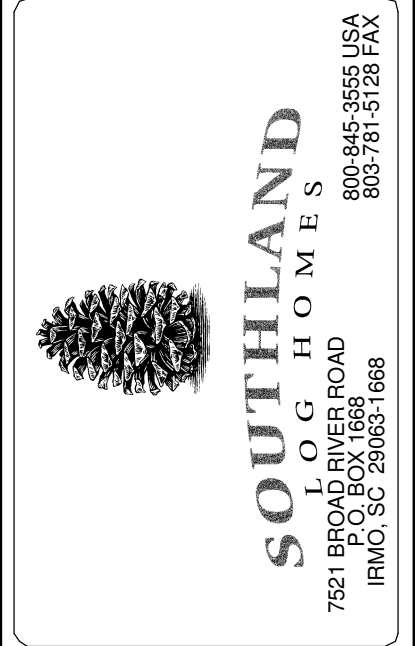
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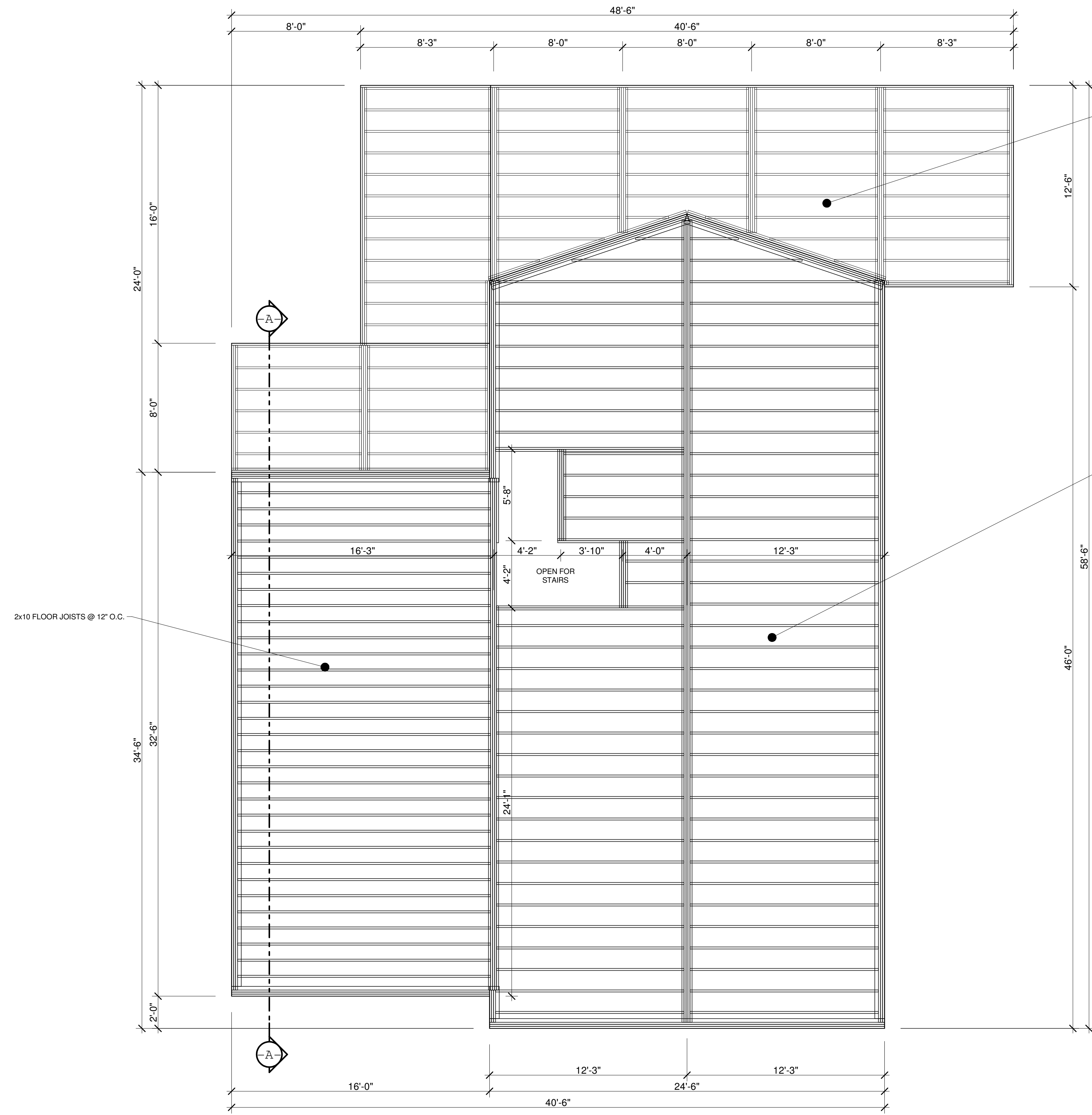
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2.3
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FLOOR FRAMING @ PORCH (TYPICAL UNLESS OTHERWISE NOTED)
 - 2x10 PT LEDGER w/ 2x2 PT LEDGER @ FOUNDATION WALL
 - (3) 2x8 PT GIRDER w/ 2x2 PT LEDGER EA. SIDE
 - 2x6 PT FLOOR JOISTS @ 16" O.C.
 - 2x8 PT RIM JOIST @ OUTSIDE EDGE
 - (2) 2x8 PT RIM JOIST @ SIDES
 - 2x6 PT PORCH DECKING

FLOOR FRAMING @ HOUSE (TYPICAL UNLESS OTHERWISE NOTED)
 - (3) 2x10 RIM JOIST w/ 2x8 PT SILL PLATE TOP FOUNDATION WALL
 - (3) 2x10 GIRDER w/ 2x2 PT LEDGER EA. SIDE
 - 2x10 FLOOR JOISTS @ 16" O.C. (12" O.C. @ WING)
 - (2) 2x10 FLOOR JOISTS BENEATH PARALLEL INTERIOR WALLS
 - 3/4" T&G PREMIUM OSB UNDERLAYMENT
 - 1x6 T&G #2 YP FLOORING

2x10 FLOOR JOISTS @ 12" O.C.

FLOOR FRAMING PLAN

1/4" = 1'-0"

- GENERAL FLOOR FRAMING NOTES:**
- 1) PROVIDE SOLID BLOCKING BENEATH ALL LOG POSTS.
 - 2) PROVIDE BLOCKING AT MIDSPAN FOR ALL LOG JOISTS 10'-0" LONG AND LONGER.
 - 3) PROVIDE DOUBLE JOISTS OR PERPENDICULAR BLOCKING @ 24" O.C. BENEATH ALL STUD WALLS RUNNING PARALLEL TO FLOOR JOISTS.
 - 4) CRAWL SPACE HEIGHT TO BE A MINIMUM OF 18" FROM BOTTOM OF FLOOR JOIST TO TOP OF FINISH GRADE OR PER LOCAL CODE - WHICHEVER IS GREATER.
 - 5) DROP PORCH AND DECK PIER HEIGHT SO THAT TOP OF DECKING IS 5/8" BELOW MAIN HOUSE SUBFLOOR.
 - 6) FLOOR SYSTEM DESIGN BASED ON SELF-SUPPORTING ROOF. ALL ROOF LOADS TO BE CARRIED ON LOG WALLS, UNLESS NOTED OTHERWISE.
 - 7) ALL FASTENERS THAT WILL BE IN CONTACT WITH TREATED LUMBER MUST BE NO LESS THAN A HOT DIPPED GALVANIZED COATING.

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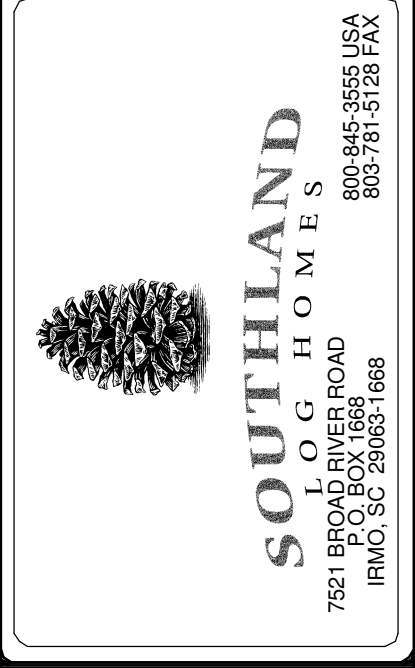
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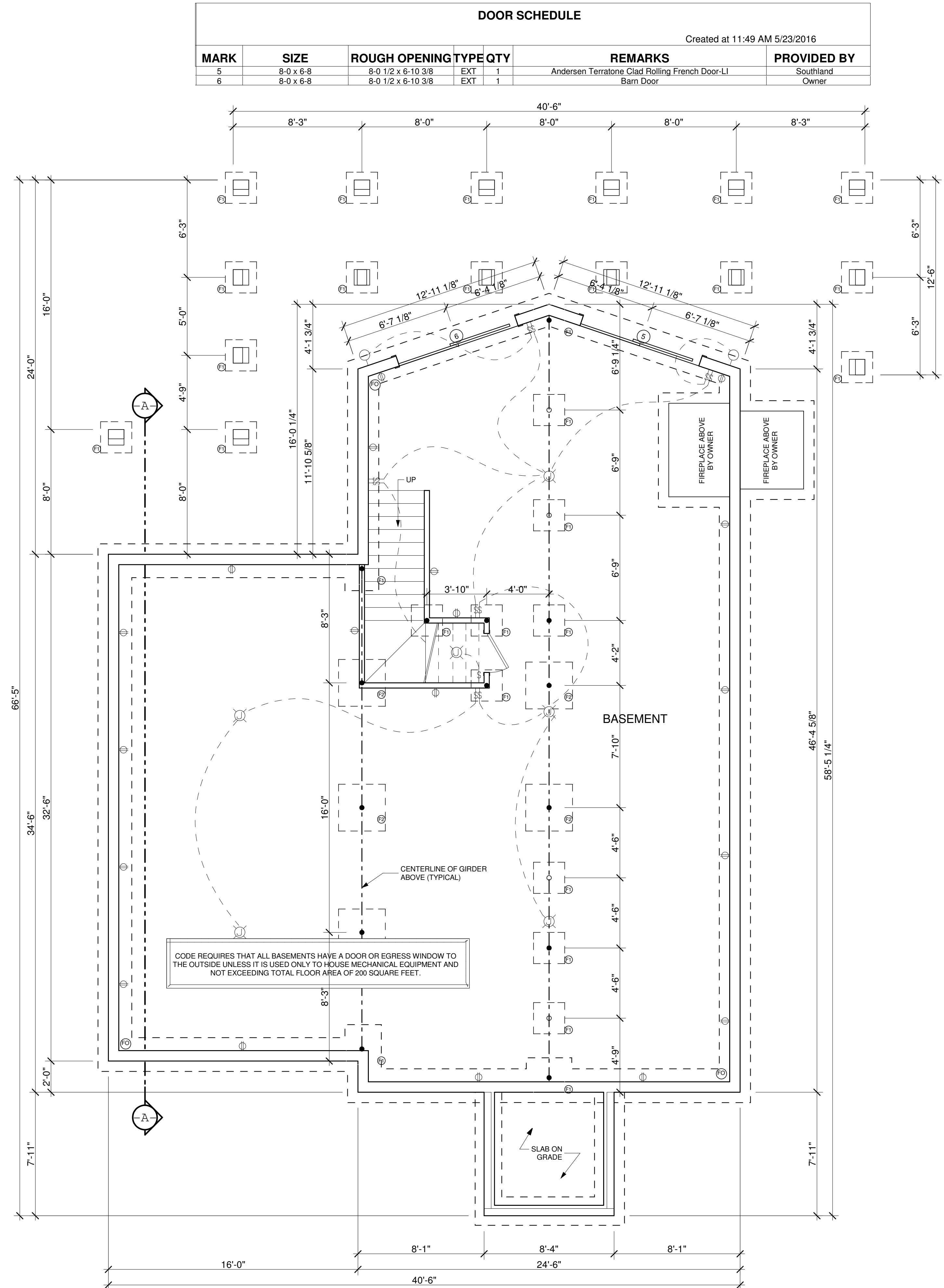
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DOOR SCHEDULE					
Created at 11:49 AM 5/23/2016					
MARK	SIZE	ROUGH OPENING	TYPE	QTY	REMARKS
5	8-0 x 6-8	8-0 1/2 x 6-10 3/8	EXT	1	Andersen Terratone Clad Rolling French Door-LI
6	8-0 x 6-8	8-0 1/2 x 6-10 3/8	EXT	1	Barn Door

BASEMENT ELECTRICAL KEY:	
	CEILING FAN W/ LIGHT (BY OTHERS)
	JUNCTION BOX (BY OTHERS)
	LIGHT (BY OTHERS)
	VENT FAN W/ LIGHT (BY OTHERS)
	SMOKE DETECTOR (BY OTHERS)
	SWITCH (BY OTHERS)
	220v OUTLET (BY OTHERS)
	110v ARC-FAULT CIRCUIT INTERRUPTER OUTLET (BY OTHERS)
	WATERPROOF OUTLET (BY OTHERS)
	GROUND FAULT OUTLET (BY OTHERS)

FOUNDATION PLAN KEY:	
	8" MIN. FOUNDATION WALL w/ 2' FOOTING
	3" (MIN.) STEEL COLUMN (BASEMENT)
	3" (MIN.) STEEL COLUMN w/ POINT LOAD ABOVE (BASEMENT)
	3" (MIN.) STEEL COLUMN w/ POINT LOAD ABOVE & SOLID BLOCKING (BASEMENT)
	12" SQUARE CMU PIER GROUDED (CRAWLSPACE) see detail sheet 6.1
	12" SQUARE CMU PIER GROUDED w/ POINT LOAD ABOVE (CRAWLSPACE) see detail sheet 6.1
	12" SQUARE CMU PIER GROUDED w/ POINT LOAD ABOVE & SOLID BLOCKING (CRAWLSPACE) see detail sheet 6.1
	POINT LOAD FROM ABOVE

BASEMENT EGRESS NOTES:
 BUILDING CODES REQUIRE THAT ALL BASEMENTS HAVE A DOOR OR EGRESS WINDOW TO THE OUTSIDE UNLESS IT IS SPECIFICALLY USED TO HOUSE MECHANICAL EQUIPMENT AND NOT EXCEED A TOTAL FLOOR AREA OF 200 SQUARE FEET

FOOTING SCHEDULE		
MARK	MARK	REINFORCING
(F0)	2'-0" x 12" x CONT.	2 #4 BARS CONTINUOUS
(F1)	2'-0" x 2'-0" x 8"	3 #5 BARS EACH WAY
(F2)	3'-0" x 3'-0" x 18"	5 #5 BARS EACH WAY
(F3)	2'-0" x 3'-0" x 18"	#5 BARS @ 6" O.C.
(F4)	3'-0" x 5'-0" x 18"	#5 BARS @ 6" O.C.
(F5)	3'-0" x 8'-0" x 18"	#5 BARS @ 6" O.C.
(F6)	4'-0" x 4'-0" x 24"	7 #5 BARS EACH WAY
(F7)	2'-6" x 2'-6" x 15"	3 #5 BARS EACH WAY
(F8)	3'-6" x 3'-6" x 24"	6 #5 BARS EACH WAY
(F9)	2'-9" x 2'-9" x 18"	4 #5 LONGITUDINAL BARS
(F10)	3'-0" x 1'-0" x Cont.	3 #5 LONGITUDINAL BARS & 1 #5 TRANSVERSELY @ 24"oc
(F11)	4'-9" x 4'-9" x 2'-6"	10 #5 BARS EACH WAY
(F12)	4'-6" x 4'-6" x 2'-3"	9 #5 BARS EACH WAY
(F13)	5'-9" x 5'-9" x 2'-10"	(2) ROWS OF (7) #5 BARS EACH WAY
(F14)	5'-0" x 5'-0" x 2'-6"	(2) ROWS OF (6) #5 BARS EACH WAY

- GENERAL BASEMENT NOTES:**
- SOIL BEARING PRESSURE IS ASSUMED TO BE A MINIMUM OF 2000 PSF. IF SOIL CONDITIONS ARE FOUND TO BE LESS THAN THE ASSUMED, CONTACT A LOCAL STRUCTURAL ENGINEER FOR A RE-EVALUATION OF FOUNDATION PLAN.
 - DROP PORCH AND DECK PIER HEIGHT SO THAT TOP OF DECKING IS 5 5/8" BELOW MAIN HOUSE SUBFLOOR.
 - FIREPLACE DIMENSIONS AND SPECIFICATIONS TO BE VERIFIED WITH OWNER BEFORE CONSTRUCTION.
 - 12" x 12" FOUNDATION PIERS WITH 24" x 24" CONCRETE FOOTINGS ARE SHOWN. REINFORCE FOOTING WITH (3) #5 REBARS EACH WAY. 8" x 16" CMU PIERS MAY BE USED INSTEAD OF 12" x 12". ADJUST FOOTING SIZE AND REBAR NUMBER ACCORDINGLY.
 - FOR REBAR PLACEMENT IN EXTERIOR FOUNDATION WALL FOOTING SEE "FOUNDATION BASEMENT" IN THE CONSTRUCTION DETAIL SHEETS.
 - 16" x 16" FULLY GROUDED MASONRY BLOCK COLUMN REQ'D @ EA. FOUNDATION END OF THE MULTIPLE 2X10 & GLULAM GIRDERS. REINFORCE EACH CELL w/ (1) #5 REBAR MIN. BOLT WOOD SEAT ATOP COLUMN FOR GIRDER TO BEAR UPON.

- GENERAL CONTRACTOR NOTES:**
- CONTRACTOR TO VERIFY ALL DIMENSIONS BEFORE BEGINNING CONSTRUCTION.
 - REFER TO SOUTHLAND LOG HOMES' CONSTRUCTION MANUAL FOR FURTHER INSTRUCTIONS.

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

IMPORTANT NOTES
 READ CAREFULLY
 FINAL PLANS

WARNING!
 This Southland Log Homes package has been designed according to the purchase contract and applicable building codes and must be constructed in accordance with these plans. The responsibility of the owner as it may result in unsafe conditions, structural concerns, violate building codes and will void the warranty on the product.

LOG STYLE & PROFILE
 8X12 DOVETAIL EWP

EXT. INT. DT

RGH V / SMITH V

FINAL PLANS
 Contractors responsible to field verify all dimensions on your job site.
 Some areas or local building departments may require sealing and must notify Seller in writing at least thirty-five (35) days prior to construction. Final plans are subject to change by the engineer who seals the plans. If your plans require "sealing" DO NOT START CONSTRUCTION UNTIL you have received your "sealed" plans from the engineer.

LEON DELORGE
 DELIVERY COUNTY: SEVIER TN
 CUSTOMER ID NUMBER: 781620
 SITE ADDRESS: THORNGROVE PIKE KODAK, TN

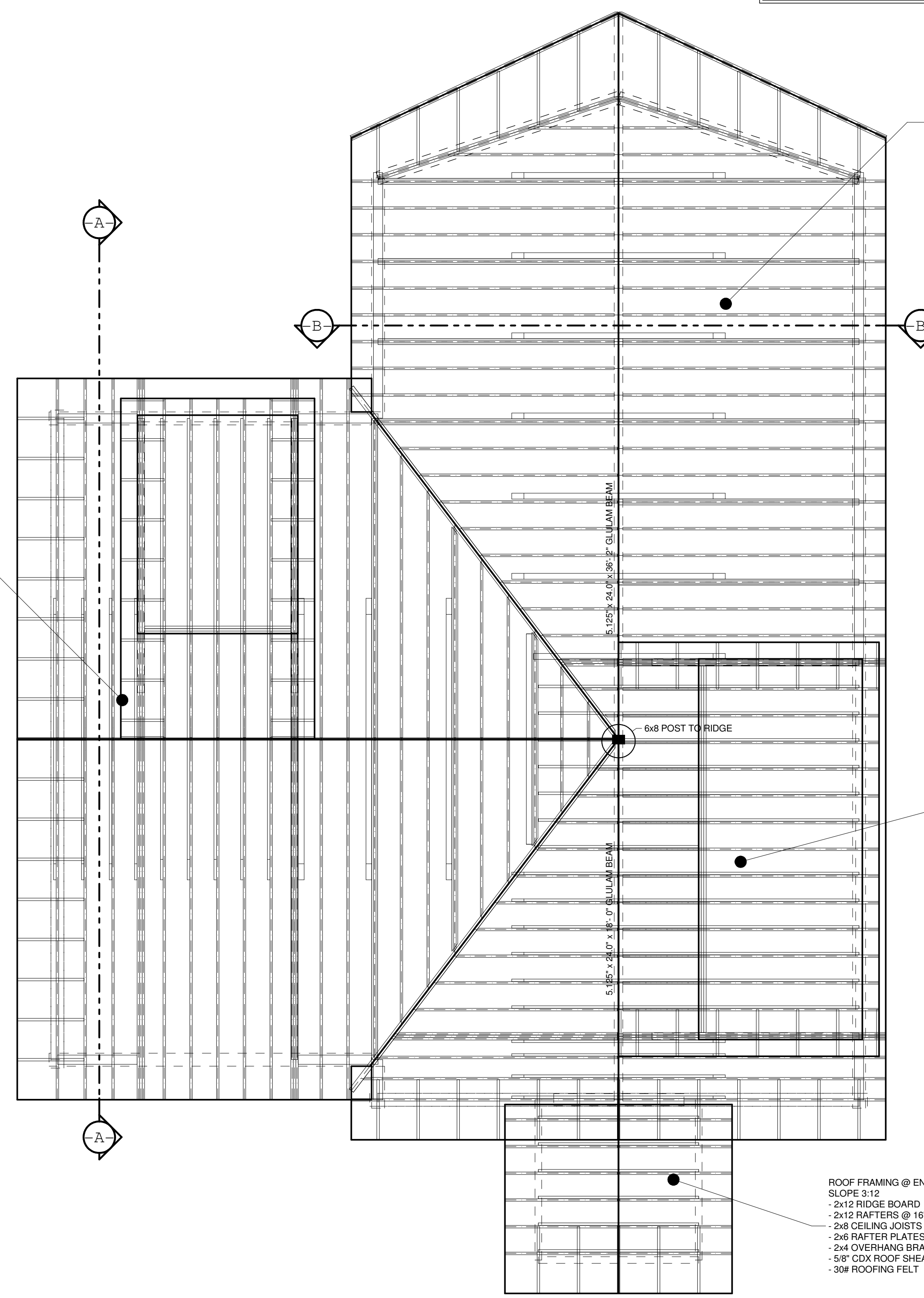
SOUTHLAND LOG HOMES
 7501 EPCOR BLVD, BOX 1658
 IRMO, SC 29065-1658
 800-945-3555 USA
 803-761-5123 FAX

MODEL: CUSTOM
 DESIGNED BY: JMG
 CHECKED BY: MEL
 PLAN DATE: 5/19/16
 DELIVERY DATE: 10/26/16

1601958
 PROJECT NUMBER

3.2
 SHEET NUMBER

NAILING SCHEDULE:		BUILT-UP CORNER STUDS	
JOIST TO SILL TO GIRDER TOENAIL	3-8d		10d @ 24" o.c.
BRIDGING TO JOIST, TOENAIL EACH END	3-8d		
1"x8" SUBFLOOR OR LESS TO EACH JOIST FACE NAIL	2-8d	BUILT-UP GIRDERS AND BEAMS	10d @ 32" o.c. TOP AND BOTTOM STAGGERED 2-10d @ ENDS AND AT EACH SPICE
WIDER THAN 1"x8" SUBFLOOR TO EACH JOIST FACE NAIL	3-8d		
2" SUBFLOOR TO JOIST OR GIRDER, BLIND AND FACE NAIL	2-16d	2" PLANKS	2-16d @ EACH BEARING
SOLE PLATE TO JOIST OR GIRDER, FACE NAIL	16d @ 16" o.c.	PLYWOOD AND PARTICLEBOARD, SUBFLOOR, ROOF AND WALL SHEETING(TO FRAMING): 1/2" OR LESS	8d @ 6" ON CENTER AT EDGES AND INTERMEDIATE SUPPORT
TOP PLATE TO STUD, END NAIL	2-16d	PLYWOOD AND PARTICLEBOARD, SUBFLOOR, ROOF AND WALL SHEETING(TO FRAMING): 19/32" - 3/4"	8d @ 6" ON CENTER AT EDGES AND INTERMEDIATE SUPPORT
STUD TO SOLE PLATE	3-8d TOENAIL OR 2-16d END NAIL	PLYWOOD AND PARTICLE BOARD, SUBFLOOR, ROOF AND WALL SHEETING(TO FRAMING): 7/8" - 1"	8d @ 6" ON CENTER AT EDGES AND INTERMEDIATE SUPPORT
DOUBLE STUDS, FACE NAIL	10d @ 24" o.c.	PLYWOOD AND PARTICLEBOARD, SUBFLOOR, ROOF AND WALL SHEETING(TO FRAMING): 11/8" - 11/4"	8d @ 6" ON CENTER AT EDGES AND INTERMEDIATE SUPPORT
DOUBLE TOP PLATE, FACE NAIL	10d @ 16" o.c.	COMBINATION SUBFLOOR-UNDERLAYMENT(TO FRAMING): 3/4" AND LESS	8d @ 6" ON CENTER AT EDGES AND INTERMEDIATE SUPPORT
TOP PLATES, LAPS AND INTERSECTIONS, FACE NAIL	2-10d	COMBINATION SUBFLOOR-UNDERLAYMENT(TO FRAMING): 7/8" - 1"	8d @ 6" ON CENTER AT EDGES AND INTERMEDIATE SUPPORT
CONTINUED HEADER, TWO PIECES	16d @ 16" o.c. ALONG EACH EDGE	COMBINATION SUBFLOOR-UNDERLAYMENT(TO FRAMING): 7/8" - 1"	8d @ 6" ON CENTER AT EDGES AND INTERMEDIATE SUPPORT
CEILING JOIST TO PLATE, TOENAIL	3-8d		
CONTINUOUS HEADER TO STUD, TOENAIL	4-8d		
CEILING JOIST, LAPS OVER PARTITIONS, FACE NAIL	3-10d		
CEILING JOIST TO PARALLEL RAFTERS, FACE NAIL	3-10d		
RAFTER TO PLATE, TOENAIL	2-16d		
1" BRACE TO EACH STUD AND PLATE, FACE NAIL	2-8d		
1"x8" SHEATHING OR LESS TO EACH BEARING, FACE NAIL	2-8d		
WIDER THAN 1"x8" SHEATHING TO EACH BEARING, FACE NAIL	3-8d		



ROOF FRAMING @ BEDROOMS
 SLOPE 12:12 MAIN
 SLOPE 3.3:12 DORMER
 - GLULAM VALLEY RAFTERS @ CONNECTING ROOF
 - 2x12 RIDGE BOARD w/2x6 FILLER
 - 2x12 RAFTERS @ 16" O.C.
 - (3)2x12 RAFTERS UNDER DORMER WALLS
 - 2x10 SHED DORMER CEILING JOISTS @ 16" O.C.
 - 2x8 MAIN COLLAR TIES @ 16" O.C.
 - 2x6 RAFTER PLATES
 - 2x4 OVERHANG BRACING @ 24" O.C.
 - 5/8" CDX ROOF SHEATHING
 - 30# ROOFING FELT

ROOF FRAMING @ GREAT ROOM
 SLOPE 12:12
 - GLULAM RIDGE BEAM
 - 4x8 DEC. RAFTERS @ 48" O.C.
 - 4x8 COLLAR TIES @ 48" O.C.
 - 1x8 EWP TAG PANELING
 - 2x12 RAFTERS @ 16" O.C.
 - 2x6 RAFTER PLATES
 - 2x6 OVERHANG BRACING @ 24" O.C.
 - 5/8" CDX ROOF SHEATHING
 - 30# ROOFING FELT

ROOF FRAMING @ BEDROOMS
 SLOPE 12:12 MAIN
 SLOPE 4.3:12 DORMER
 - GLULAM VALLEY RAFTERS @ CONNECTING ROOF
 - 2x12 RAFTERS @ 16" O.C.
 - (3)2x12 RAFTERS UNDER DORMER WALLS
 - 2x8 SHED DORMER CEILING JOISTS @ 16" O.C.
 - 2x8 MAIN COLLAR TIES @ 16" O.C.
 - 2x6 RAFTER PLATES
 - 2x4 OVERHANG BRACING @ 24" O.C.
 - 5/8" CDX ROOF SHEATHING
 - 30# ROOFING FELT

ROOF FRAMING @ ENTRY
 SLOPE 3:12
 - 2x12 RIDGE BOARD
 - 2x12 RAFTERS @ 16" O.C.
 - 2x8 CEILING JOISTS @ 16" O.C.
 - 2x6 RAFTER PLATES
 - 2x4 OVERHANG BRACING @ 24" O.C.
 - 5/8" CDX ROOF SHEATHING
 - 30# ROOFING FELT

ROOF COVERING
 RoofShingles-Rustic Evergr

ROOF FRAMING PLAN

1/4" = 1'-0"

GENERAL CONTRACTOR NOTES:
 1.) CONTRACTOR TO VERIFY ALL DIMENSIONS BEFORE BEGINNING CONSTRUCTION.
 2.) REFER TO SOUTHLAND LOG HOMES' CONSTRUCTION MANUAL FOR FURTHER INSTRUCTIONS.

IMPORTANT NOTES
 READ CAREFULLY
 FINAL PLANS

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LOG STYLE & PROFILE
 8X12 DOVETAIL EWP

EXT. INT.
 DT
 EWP

RGH V / SMITH V

FINAL PLANS
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 Some areas or local building departments may require sealings and must notify Seller in writing at least thirty-five (35) days prior to construction. Plans are subject to change by the engineer who seals the plans. If your plans require "sealing" DO NOT START CONSTRUCTION UNTIL you have received your "sealed" plans from the engineer.

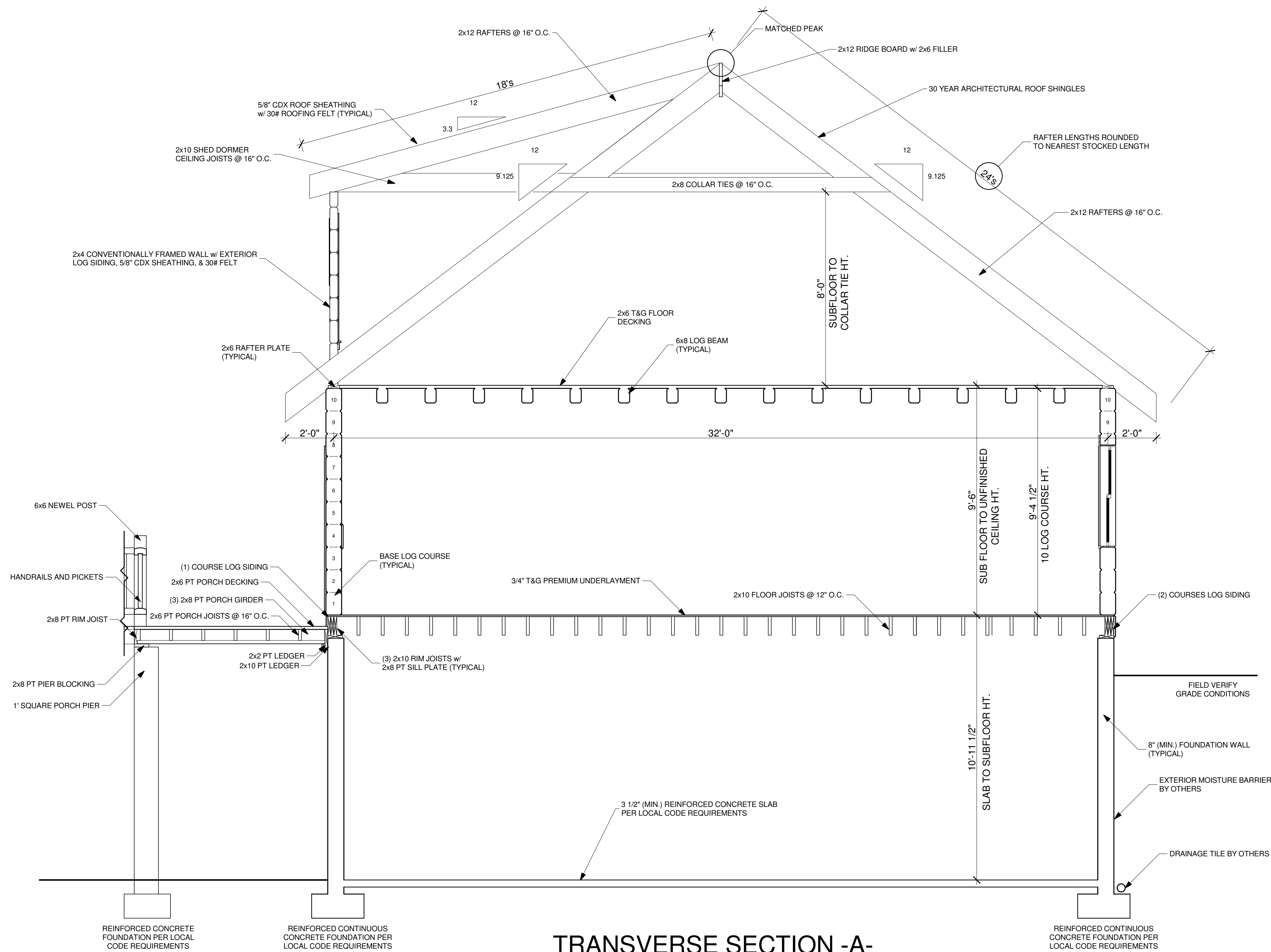
LEON DELORGE
 SEVIER COUNTY, TN
 DELIVERY STATE: TN
 CUSTOMER ID NUMBER: 781620
 SITE ADDRESS: THORNGROVE PIKE
 KODAK, TN

SOUTHLAND LOG HOMES
 750 EPCO BLVD, BOX 1658
 IRMO, SC 29055-1658
 800-945-3555 USA
 803-761-5123 FAX

MODEL:
 CUSTOM
 DESIGNED BY:
 JMG
 CHECKED BY:
 MEL
 PLAN DATE:
 5/19/16
 DELIVERY DATE:
 10/26/16

1601958
 PROJECT NUMBER

4.1
 SHEET NUMBER



TRANSVERSE SECTION -A-A
SCALE: 3/8"=1'-0"

GENERAL CONTRACTOR NOTES:
1.) CONTRACTOR TO VERIFY ALL DIMENSIONS BEFORE BEGINNING CONSTRUCTION.
2.) REFER TO SOUTHLAND LOG HOMES' CONSTRUCTION MANUAL FOR FURTHER INSTRUCTIONS.

**IMPORTANT NOTES
READ CAREFULLY
FINAL PLANS**
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**LOG STYLE & PROFILE
8X12 DOVETAIL EWP**
EWP
INT.
DT
EXT.
RGH V / SMITH V

FINAL PLANS
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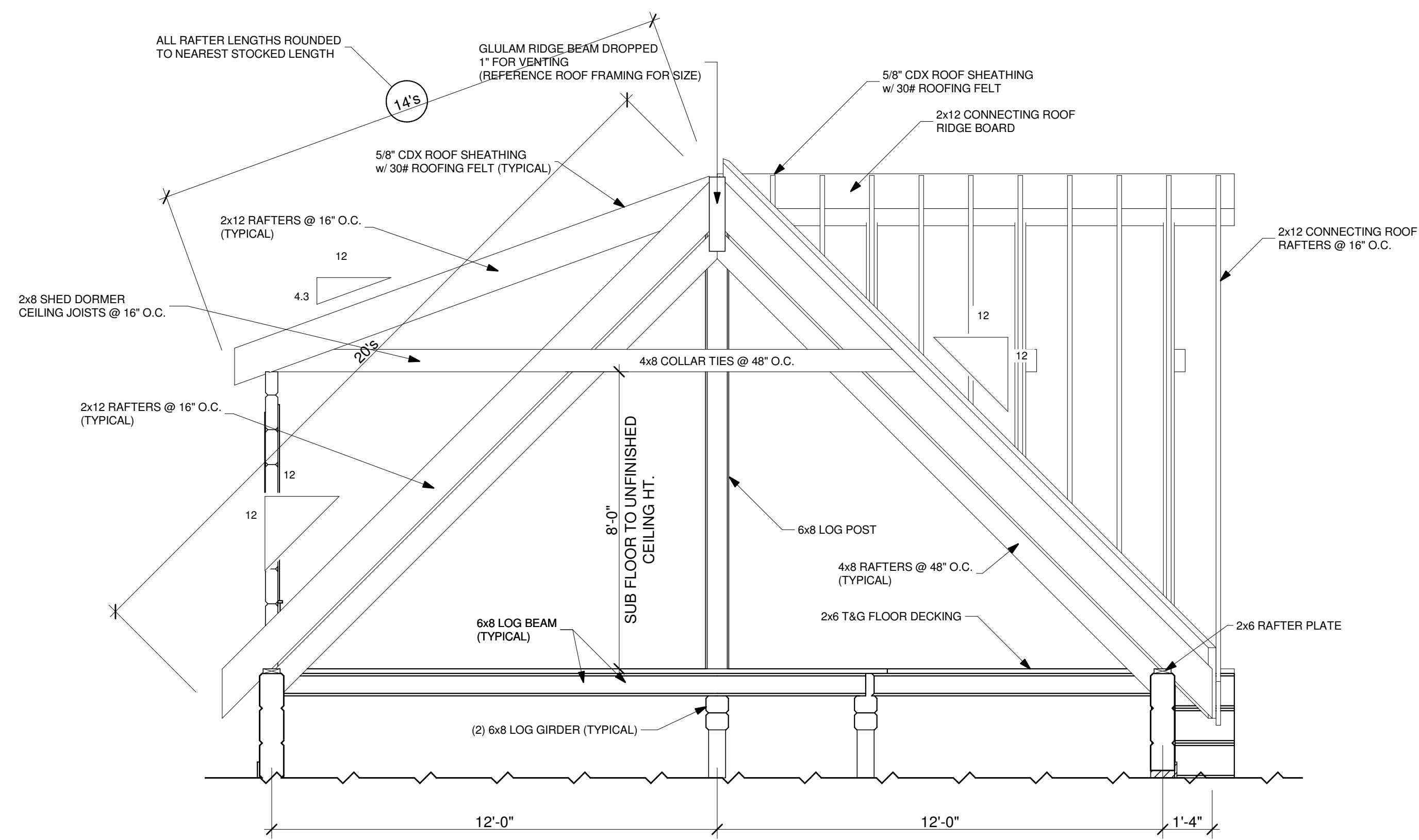
LEON DELORGE
DELIVERY COUNTY: SEVIER
DELIVERY STATE: TN
CUSTOMER ID NUMBER: 781620
SITE ADDRESS: THORNGROVE PIKE
KODAK, TN

SOUTHLAND LOG HOMES
1000 LOG CIRCLE ROAD
PO BOX 231658
IRMO, SC 29085-1658
800-945-3555 USA
852-761-5123 FAX

MODEL: CUSTOM
DESIGNED BY: JMG
CHECKED BY: MEL
PLAN DATE: 5/19/16
DELIVERY DATE: 10/26/16

1601958
PROJECT NUMBER

5.1
SHEET NUMBER



TRANSVERSE SECTION -B-
SCALE: 3/8"=1'-0"

GENERAL CONTRACTOR NOTES:
1.) CONTRACTOR TO VERIFY ALL DIMENSIONS BEFORE BEGINNING CONSTRUCTION.
2.) REFER TO SOUTHLAND LOG HOMES' CONSTRUCTION MANUAL FOR FURTHER INSTRUCTIONS.

**IMPORTANT NOTES
READ CAREFULLY
FINAL PLANS**
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**LOG STYLE & PROFILE
8X12 DOVETAIL EWP**
EWP
INT.
DT
EXT.
RGH V / SMITH V

FINAL PLANS
Contractor is responsible to field verify all dimensions on your job site.
Some areas or local building departments may require sealing and must notify Seller in writing at least thirty-five (35) days prior to start of construction. Final plans are subject to change by the engineer who seals the plans. If your plans require "sealing" DO NOT START CONSTRUCTION UNTIL you have received your "sealed" plans from the engineer.

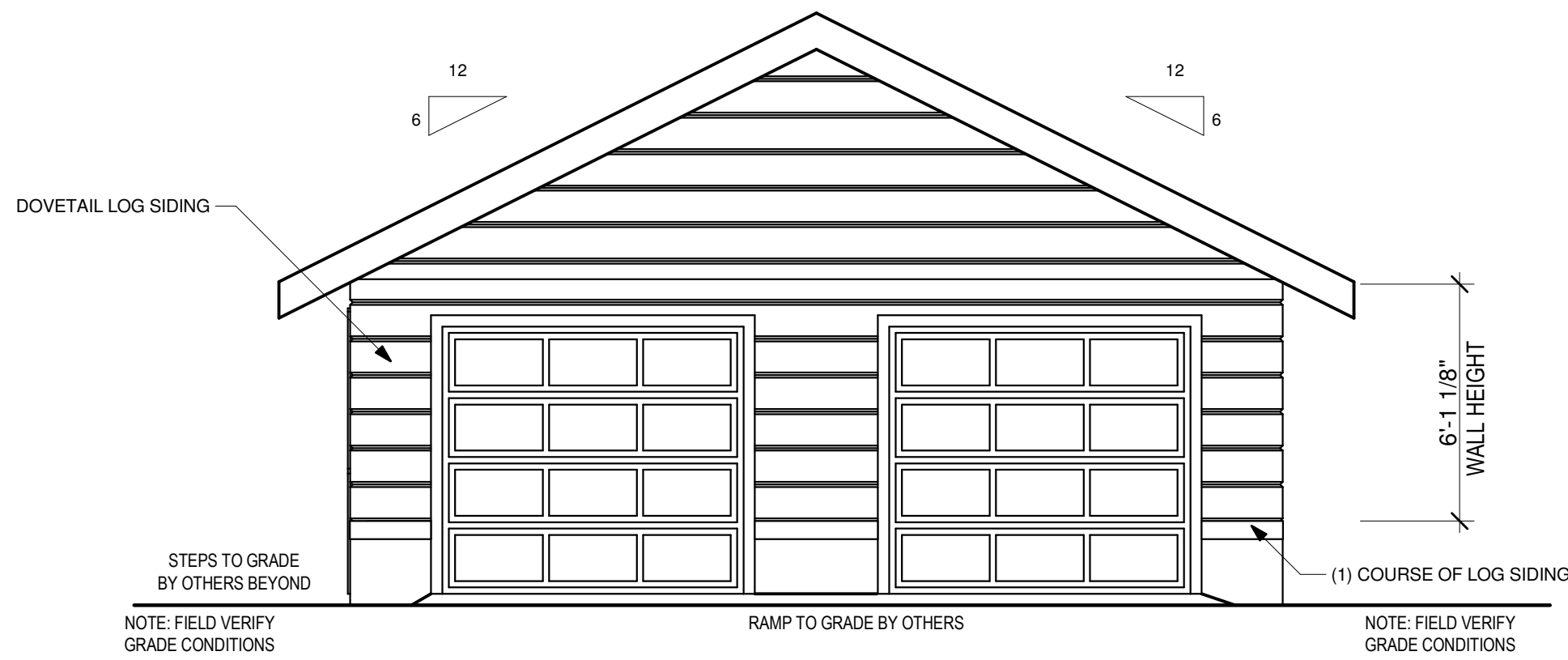
LEON DELORGE
DELIVERY COUNTY: SEVIER TN
DELIVERY STATE: TN
CUSTOMER ID NUMBER: 781620
SITE ADDRESS: THORNGROVE PIKE KODAK, TN

SOUTHLAND LOG HOMES
7501 EPOCA ROAD
PO BOX 1658
IRMO, SC 29065-1658
800-945-3555 USA
803-761-5123 FAX

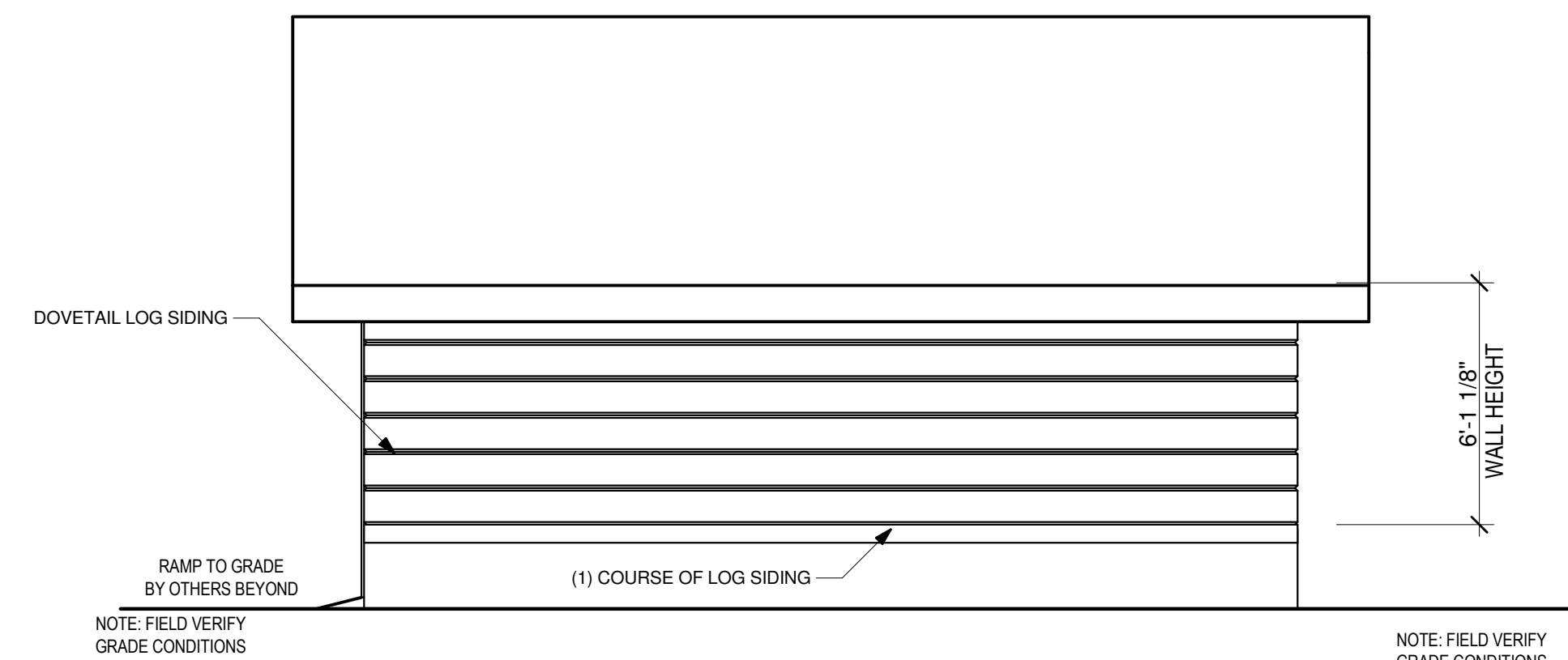
MODEL: CUSTOM
DESIGNED BY: JMG
CHECKED BY: MEL
PLAN DATE: 5/19/16
DELIVERY DATE: 10/26/16

1601958
PROJECT NUMBER

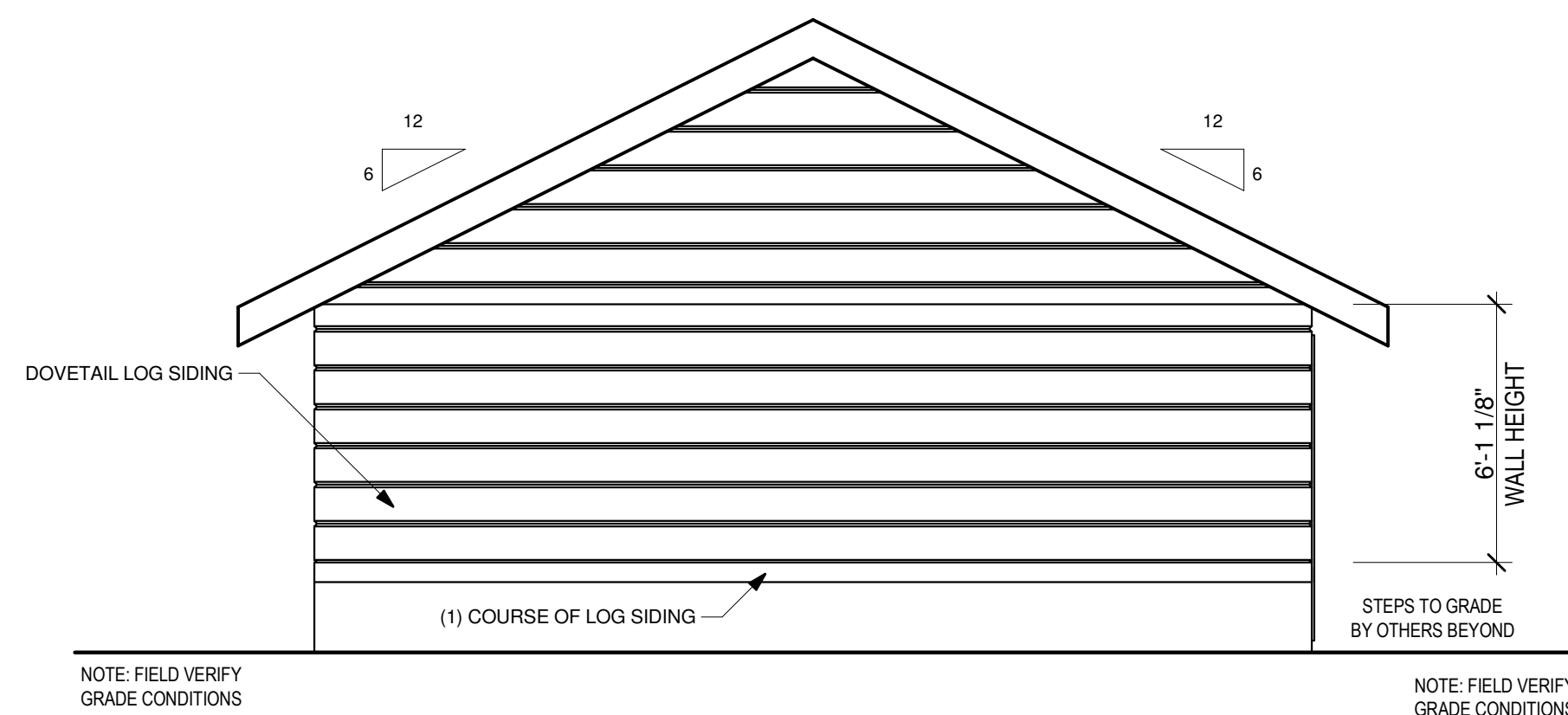
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SHEET NUMBER



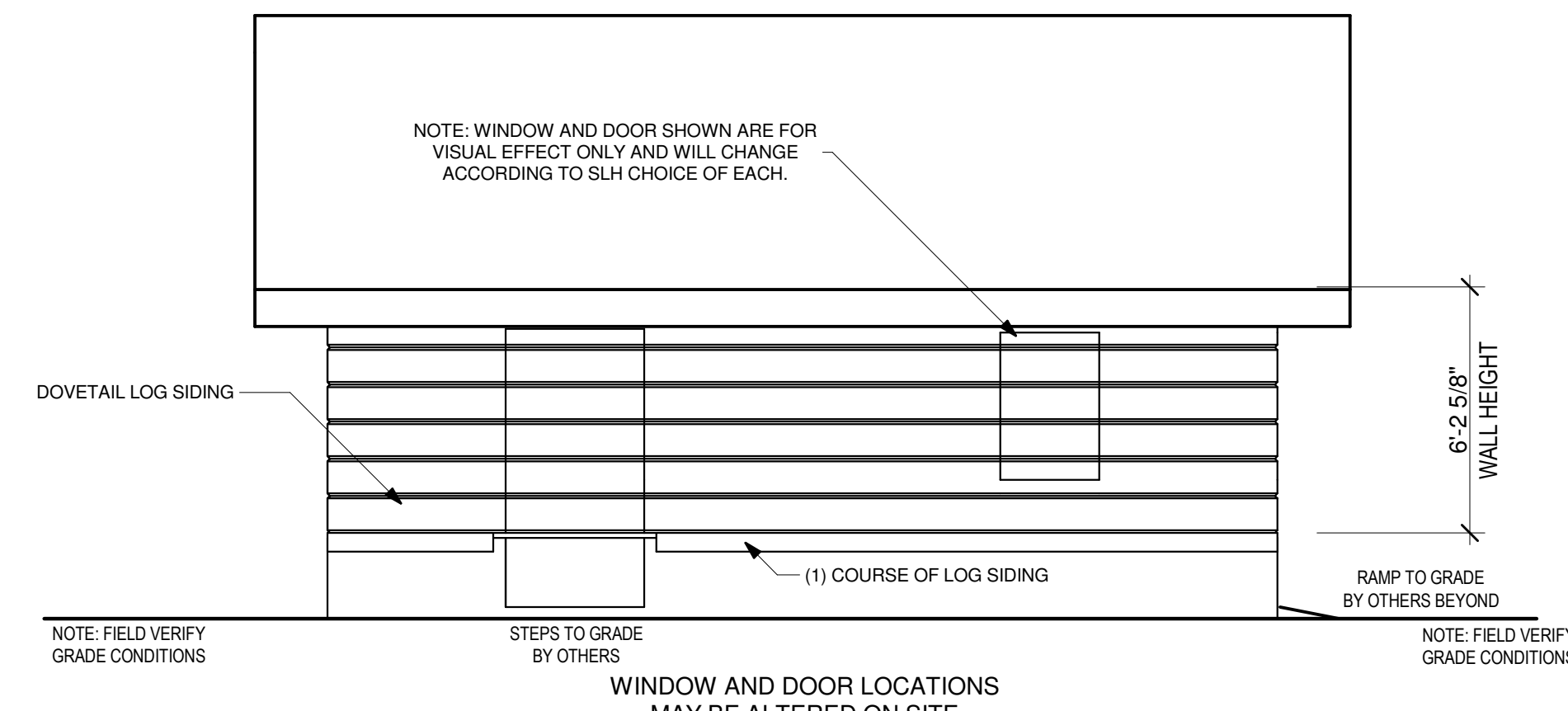
FRONT ELEVATION
1/4" = 1'-0"



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

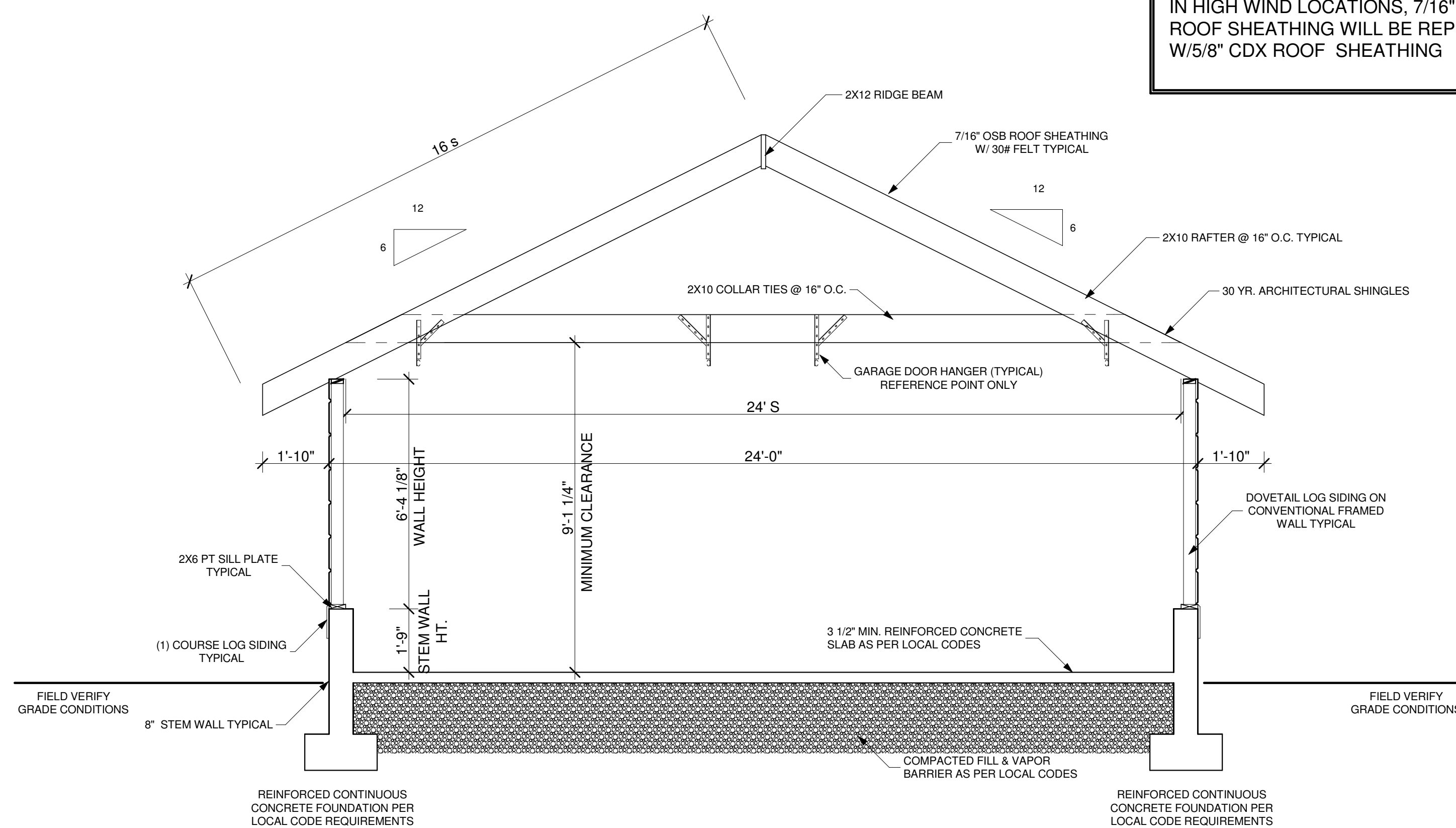


REAR ELEVATION
1/4" = 1'-0"



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

NOTE:
IN HIGH WIND LOCATIONS, 7/16" OSB ROOF SHEATHING WILL BE REPLACED W/5/8" CDX ROOF SHEATHING



TRANSVERSE SECTION -A-
SCALE: 3/8" = 1'-0"

GENERAL ELEVATION NOTES:
ALL EXTERIOR WOOD DOOR TRIM AND EXTERIOR NON-RADIUS WOOD WINDOW TRIM TO BE PROVIDED BY SOUTHLAND LOG HOMES. EXTERIOR TRIM FOR CLAD DOORS, CLAD WINDOWS, AND ANY RADIUS WINDOW TO BE PROVIDED BY OTHERS. RIDGE VENT BY OTHERS.

GENERAL CONTRACTOR NOTES:
1.) CONTRACTOR TO VERIFY ALL DIMENSIONS BEFORE BEGINNING CONSTRUCTION.
2.) REFER TO SOUTHLAND LOG HOMES' CONSTRUCTION MANUAL FOR FURTHER INSTRUCTIONS.

IMPORTANT NOTES
READ CAREFULLY
FINAL PLANS
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WARNING!
This Southland Log Home package has been designed according to the purchase contract and applicable building codes and must be constructed in accordance with these plans. The purchaser assumes the responsibility of the owner as it may result in unsafe conditions, structural concerns, violate building codes and will void the warranty on the product.

LOG STYLE & PROFILE
8X12 DOVETAIL EWP
DT
THORNGROVE PIKE

FINAL PLANS
Contractor is responsible to field verify all dimensions on your job site. Some areas or local building departments may require sealed construction plans and/or energy sheets. Purchaser assumes the responsibility to determine if sealed plans are necessary and must notify Seller in writing at all costs incurred by failure to notify Seller. (Final Plans are subject to change by the engineer who seals the plans. If your plans require "sealing" plans from the engineer.)

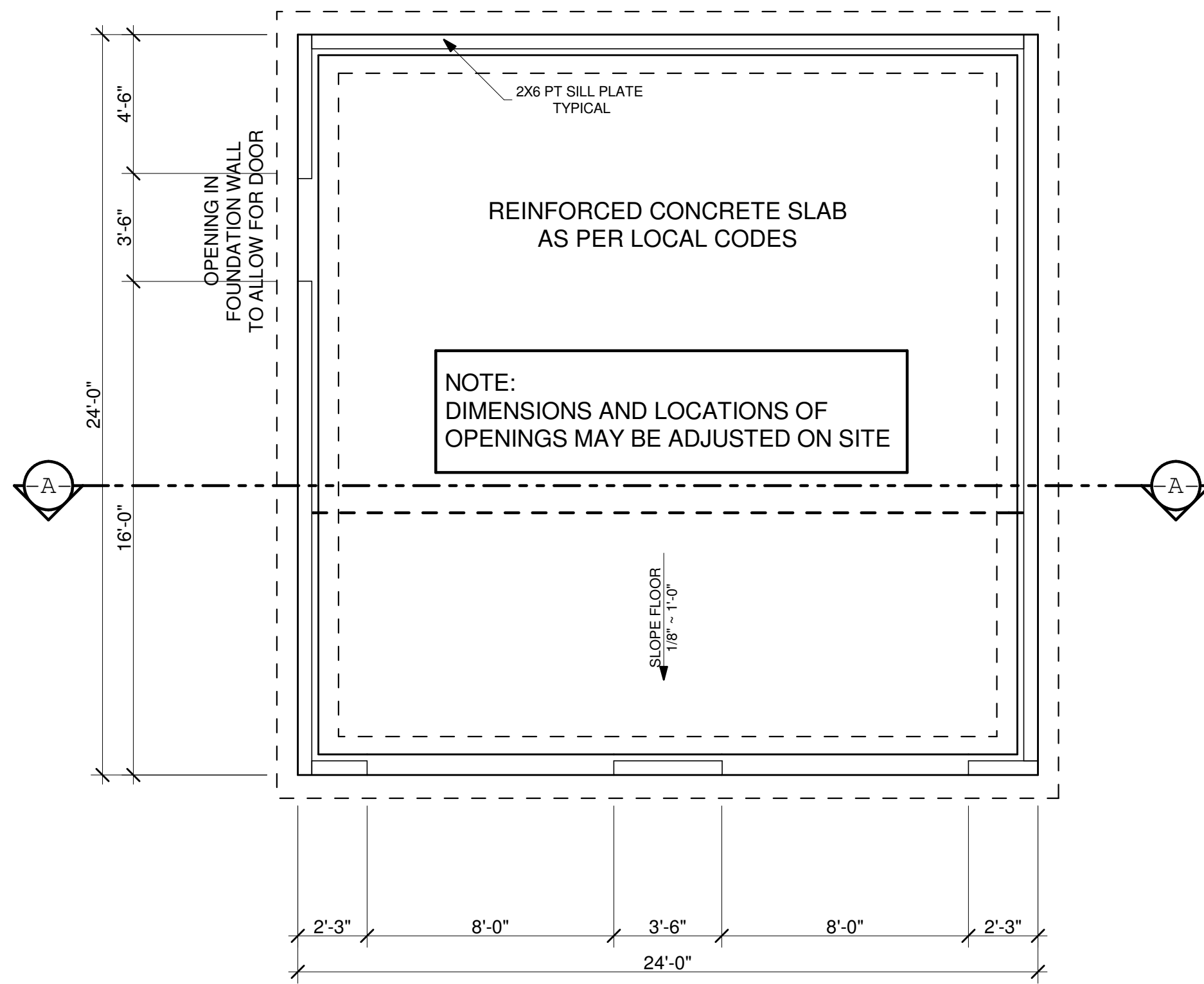
LEON DELOERGE
DELIVERY COUNTY: SEVIER TN
DELIVERY STATE: TN
CUSTOMER ID NUMBER: 781620
SITE ADDRESS: XXXXX

SOUTHLAND LOG HOMES
800-845-8555 USA
803-781-5128 FAX
7521 BROAD RIVER ROAD
P.O. BOX 1688 IRMO, SC 29063-1688

MODEL: CUSTOM
DESIGNED BY: JMG
CHECKED BY: MEL
PLAN DATE: 5/19/16
DELIVERY DATE: 10/26/16

1601958
PROJECT NUMBER

G1.1
SHEET NUMBER



FOUNDATION PLAN

1/4" = 1'-0"

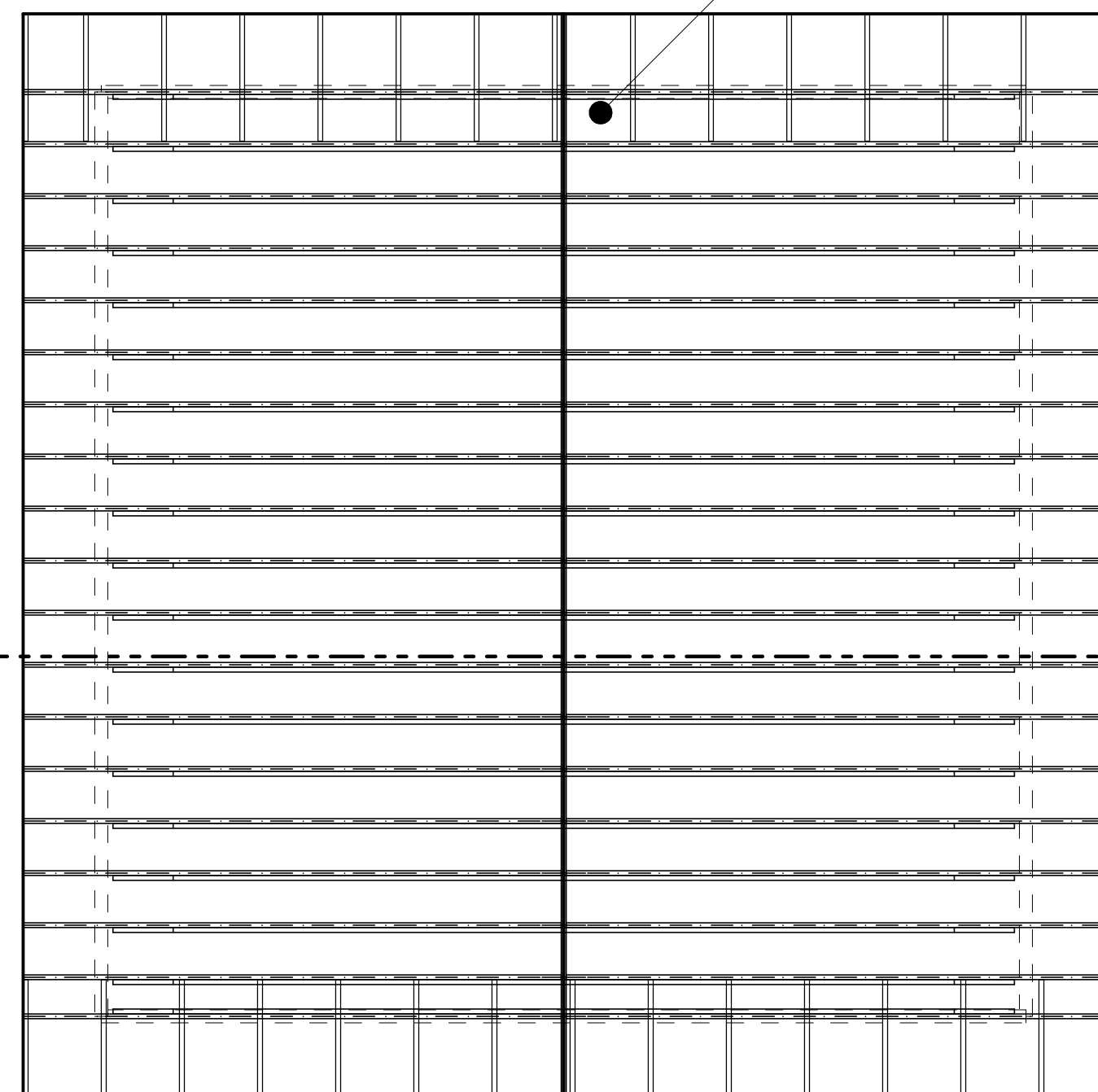
FOUNDATION PLAN KEY:

- 8" MIN. FOUNDATION WALL w/ 2" FOOTING
- 3" (MIN.) STEEL COLUMN (BASEMENT)
- 3" (MIN.) STEEL COLUMN w/ POINT LOAD ABOVE (BASEMENT)
- 3" (MIN.) STEEL COLUMN w/ POINT LOAD ABOVE & SOLID BLOCKING (BASEMENT)
- 12" SQUARE CMU PIER GROUDED (CRAWLSPACE) see detail sheet 6.1
- 12" SQUARE CMU PIER GROUDED w/ POINT LOAD ABOVE (CRAWLSPACE) see detail sheet 6.1
- 12" SQUARE CMU PIER GROUDED w/ POINT LOAD ABOVE & SOLID BLOCKING (CRAWLSPACE) see detail sheet 6.1
- POINT LOAD FROM ABOVE

FOOTING SCHEDULE

MARK	MARK	REINFORCING
F0	2'-0" x 12" x CONT.	2 #4 BARS CONTINUOUS
F1	2'-0" x 2'-0" x 8"	3 #5 BARS EACH WAY
F2	3'-0" x 3'-0" x 18"	5 #5 BARS EACH WAY
F3	2'-0" x 3'-0" x 18"	#5 BARS @ 6" O.C.
F4	3'-0" x 5'-0" x 18"	#5 BARS @ 6" O.C.
F5	3'-0" x 8'-0" x 18"	#5 BARS @ 6" O.C.
F6	4'-0" x 4'-0" x 24"	7 #5 BARS EACH WAY
F7	2'-6" x 2'-6" x 15"	3 #5 BARS EACH WAY
F8	3'-6" x 3'-6" x 24"	6 #5 BARS EACH WAY
F9	2'-9" x 2'-9" x 18"	4 #5 LONGITUDINAL BARS & 1 #5 TRANSVERSELY @ 24" OC.
F10	3'-0" x 1'-0" x CONT.	3 #5 LONGITUDINAL BARS & 1 #5 TRANSVERSELY @ 24" OC.
F11	4'-9" x 4'-9" x 2'-6"	10 #5 BARS EACH WAY
F12	4'-6" x 4'-6" x 2'-3"	9 #5 BARS EACH WAY
F13	5'-9" x 5'-9" x 2'-10"	(2) ROWS OF (7) #5 BARS EACH WAY
F14	5'-0" x 5'-0" x 2'-6"	(2) ROWS OF (6) #5 BARS EACH WAY

- ROOF FRAMING @ MAIN ROOF - ROOF SLOPE 6:12**
- 2x10 RAFTERS @ 16" O.C.
 - 2x10 CEILING JOISTS @ 16" O.C.
 - 2x12 RIDGE BOARD
 - 2x6 RAFTER PLATES
 - 2x4 OVERHANG BRACING
 - 7/16" O.S.B. ROOF SHEATHING
 - 30# ROOFING FELT



ROOF FRAMING PLAN

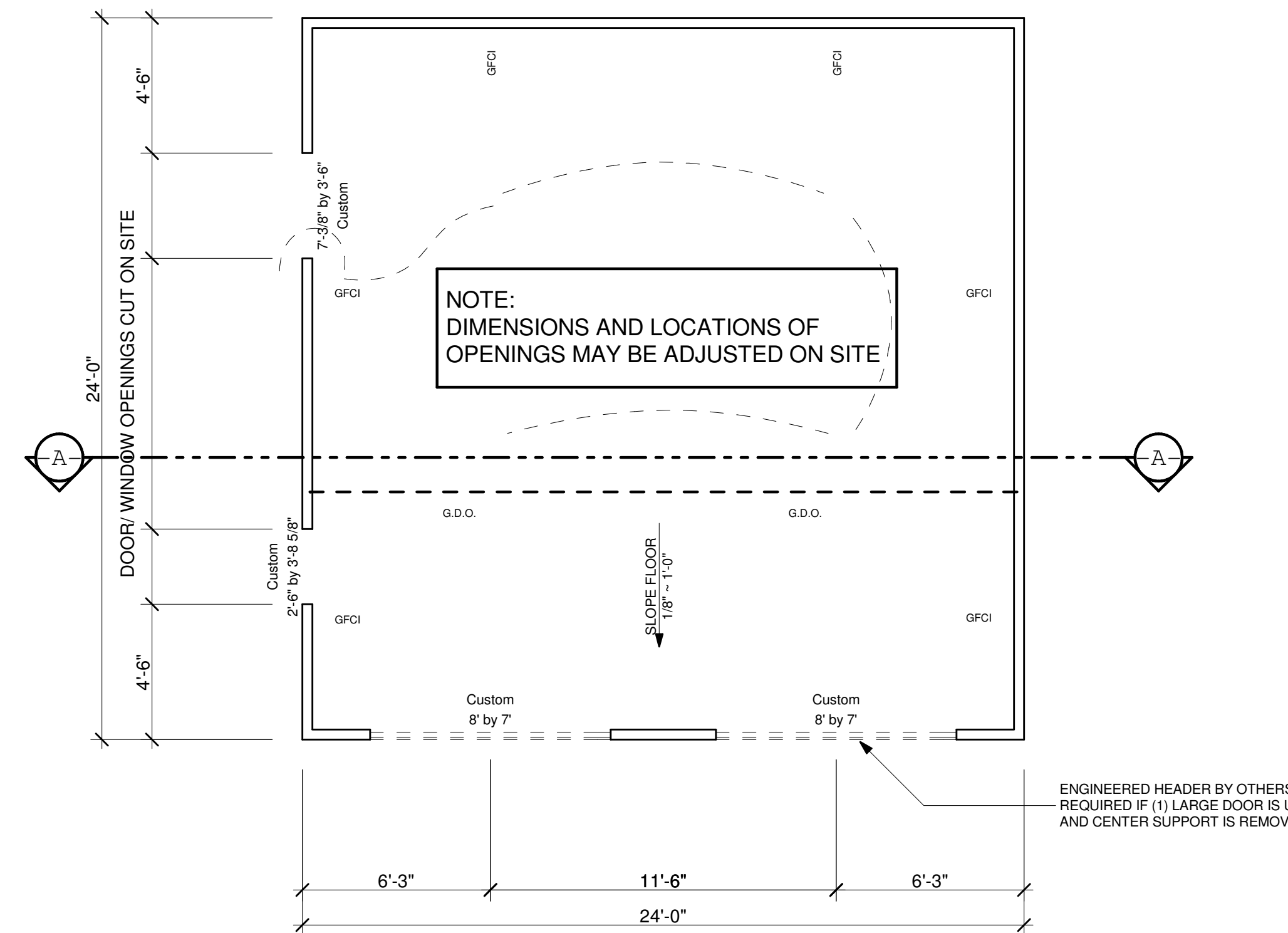
1/4" = 1'-0"

DOOR SCHEDULE Created at 4:25 PM 8/17/2007

MARK	SIZE	ROUGH OPENING	TYPE	QTY	REMARKS	PROVIDED BY
1	3-0 x 6-8	3-2 1/2 x 6-10 1/2	EXT	1	DOOR TYPE TO BE DETERMINED BY SLH	Southland

WINDOW SCHEDULE Created at 4:26 PM 8/17/2007

MARK	SIZE	ROUGH OPENING	TYPE	QTY	REMARKS	PROVIDED BY
A	TO BE DETERMINED	N/A	N/A	1	WINDOW SIZE & TYPE TO BE DETERMINED BY SLH	Southland



FLOOR PLAN

1/4" = 1'-0"

GENERAL FLOOR PLAN NOTES:

1.) UNLESS OTHERWISE NOTED, ROOF LOADS ARE DESIGNED FOR 15 PSF DEAD LOAD. ALL OTHER ROOF LOADS TO BE DETERMINED BY LOCAL BUILDING CODES

NAILING SCHEDULE:

ITEM	DESCRIPTION	QUANTITY	UNIT
1	JOIST TO SILL TO GIRDER/TOENAIL	3.8d	
2	BRINGING TO JOIST/TOENAIL EACH END	3.8d	
3	1x6 SUBFLOOR OR LESS TO EACH JOIST FACE NAIL	2.8d	
4	2x6 SUBFLOOR TO JOIST OR GIRDER END AND FACE NAIL	3.8d	
5	2x6 SUBFLOOR TO JOIST OR GIRDER END AND FACE NAIL	2.16d	
6	STUD TO SOLE PLATE	16d @ 16" O.C.	
7	STUD TO STUD NAIL	16d @ 24" O.C.	
8	DOUBLE STUDS FACE NAIL	10d @ 24" O.C.	
9	DOUBLE STUDS FACE NAIL	10d @ 16" O.C.	
10	TOP PLATES, LAPS AND INTERSECTIONS FACE NAIL	16d @ 16" O.C. ALONG EACH EDGE	
11	CEILING JOIST TO PLATE/TOENAIL	4.0d	
12	CEILING JOIST TO BRACKET/TOENAIL	4.0d	
13	CEILING JOIST TO PARALLEL RAFTERS FACE NAIL	3.16d	
14	RAFTER TO PLATE/TOENAIL	2.8d	
15	1" BRACE TO EACH STUD AND PLATE FACE NAIL	2.8d	
16	1x8 SHEATHING OR LESS TO EACH BEARING FACE NAIL	3.8d	
17	WIDER THAN 1x8 SHEATHING TO EACH BEARING FACE NAIL	3.8d	

BUILT-UP CORNER STUDS:

ITEM	DESCRIPTION	QUANTITY	UNIT
1	2" PLANS AND PARTICLEBOARD SUBFLOOR ROOF AND WALL	10d @ 24" O.C.	
2	STAGGERED 2-10d @ ENDS AND AT EACH JOIST	10d @ 24" O.C.	
3	PLYWOOD AND PARTICLEBOARD SUBFLOOR ROOF AND WALL	16d @ 16" O.C.	
4	SHEETING TO FRAMING: 1/2" OR LESS	16d @ 16" O.C.	
5	PLYWOOD AND PARTICLEBOARD SUBFLOOR ROOF AND WALL	16d @ 16" O.C.	
6	SHEETING TO FRAMING: 7/8" - 1"	16d @ 16" O.C.	
7	PLYWOOD AND PARTICLEBOARD SUBFLOOR ROOF AND WALL	16d @ 16" O.C.	
8	SHEETING TO FRAMING: 1 1/8" - 1 1/4"	16d @ 16" O.C.	
9	PLYWOOD AND PARTICLEBOARD SUBFLOOR ROOF AND WALL	16d @ 16" O.C.	
10	SHEETING TO FRAMING: 1 1/2" - 1 3/4"	16d @ 16" O.C.	
11	PLYWOOD AND PARTICLEBOARD SUBFLOOR UNDERLAYMENT TO FRAMING: 3/4"	16d @ 16" O.C.	
12	INTERMEDIATE SUPPORT	16d @ 6" ON CENTER AT EDGES AND INTERMEDIATE SUPPORT	
13	INTERMEDIATE SUPPORT	16d @ 6" ON CENTER AT EDGES AND INTERMEDIATE SUPPORT	
14	INTERMEDIATE SUPPORT	16d @ 6" ON CENTER AT EDGES AND INTERMEDIATE SUPPORT	
15	INTERMEDIATE SUPPORT	16d @ 6" ON CENTER AT EDGES AND INTERMEDIATE SUPPORT	

Material List for a Promotional Dovetail Garage

Item Code	Description	U/M	QTY Required
S112W	SIDING EWP 1x12	LF	800
HC716	7/16" PLYWOOD CLIPS	BX	1
HCST	CAULK, SOUTHLAND TAN 2001	CS	3
HEWS2000	EXTERIOR WOOD GUARD	PL	2
HHT	HURRICANE TIES	BX	1
RF30	30 LB FELT	RL	9
SO716	7/16" OSB ROOF DECKING & GABLE END UNDERLAYMENT	EA	58
L2414S	2x4x14 KD SPF #2 OVERHANG BRACING & GABLE FRAMING	EA	68
L2496S	2x4x96 SPF WALL STUDS	EA	108
L21024Y	2x10x24 SYP COLLAR TIES	EA	20
L21018Y	2x10x18 KD #2 YELLOW PINE RAFTERS	EA	40
L21216Y	2x12x16 KD #2 YELLOW PINE RIDGE	EA	2
L268T	2x6x8 P.T. #1 SYP SILL PLATE	EA	38
L16WFB	1x6 WHITE PINE FACIA	LF	18
RSS	SHINGLES STARTER	BDL	2
RST30	SHINGLE TAMKO 30 RUSTIC	EA	28
RST30HR	SHINGLE TAMKO 30 RUSTIC HIP AND RIDGE	EA	1
DAS30620M	3068 6 PANEL 20 MIN FIRE DOOR	EA	1
WC2032	20x32 CLAD SINGLE WINDOW	EA	1

STYLE AND SIZE TO BE DETERMINED BY SLH

STYLE AND SIZE TO BE DETERMINED BY SLH

Created 1/13/09

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2.) REFER TO SOUTHLAND LOG HOMES' CONSTRUCTION MANUAL FOR FURTHER INSTRUCTIONS.

IMPORTANT NOTES READ CAREFULLY FINAL PLANS

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LOG STYLE & PROFILE 8X12 DOVETAIL EWP

DT

THORNGROVE PIKE

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LEON DELOERGE

SEVIER TN

CUSTOMER ID NUMBER: 781620

SITE ADDRESS: XXXXX

SOUTHLAND LOG HOMES

800-845-3555 USA
803-781-5128 FAX

7321 BROAD RIVER ROAD
P.O. BOX 1688 IRMO, SC 29063-1688

MODEL: CUSTOM

DESIGNED BY: JMG

CHECKED BY: MEL

PLAN DATE: 5/19/16

DELIVERY DATE: 10/26/16

1601958 PROJECT NUMBER

G2.1 SHEET NUMBER

STEP BY STEP INSTRUCTIONS FOR THE CONSTRUCTION OF YOUR 24X24 CUSTOM GARAGE.

Before starting any construction please read through all instructions first and familiarize yourself with the plans and construction details provided. SLH also recommends that you check your local building codes for any special requirements. Especially in high wind, heavy snow load and seismic areas.

SITE PREPARATION:

1. Clear all debris, trees and shrubs from the construction site. Make sure to check for any root systems from nearby trees that may disturb the foundation in the future.
2. If there is any doubt to the location of underground utilities have a licensed company come out and verify the location before any excavation is started.
3. Layout the exact location of your foundation by using batter boards as described in your SLH Construction Manual, pg. 1-12.

FOUNDATION (Refer to Detail 1a & 1b)

1. Excavate area for poured concrete footing.
2. Footing must be placed below frost line and at least 12" below grade.
3. Footing must be reinforced with (2) continuous horizontal #4 rebar and (1) #4 rebar with hook must be placed vertically every 48" on center and extend a minimum of 14" into the stem wall.
4. Soil bearing pressure is assumed to be 2000 PSF. If soil conditions are found to be less than the assumed contact a local structural engineer for a reevaluation of the foundation plan.
5. Construct and secure the wood forms into place for the concrete footing.
6. Mix and pour concrete according to concrete manufacturers specifications.
7. Allow concrete to cure for 24 hours before removing forms, and allow an additional 24 hours before construction starts.

STEM WALL (refer to Detail 1a & 1b)

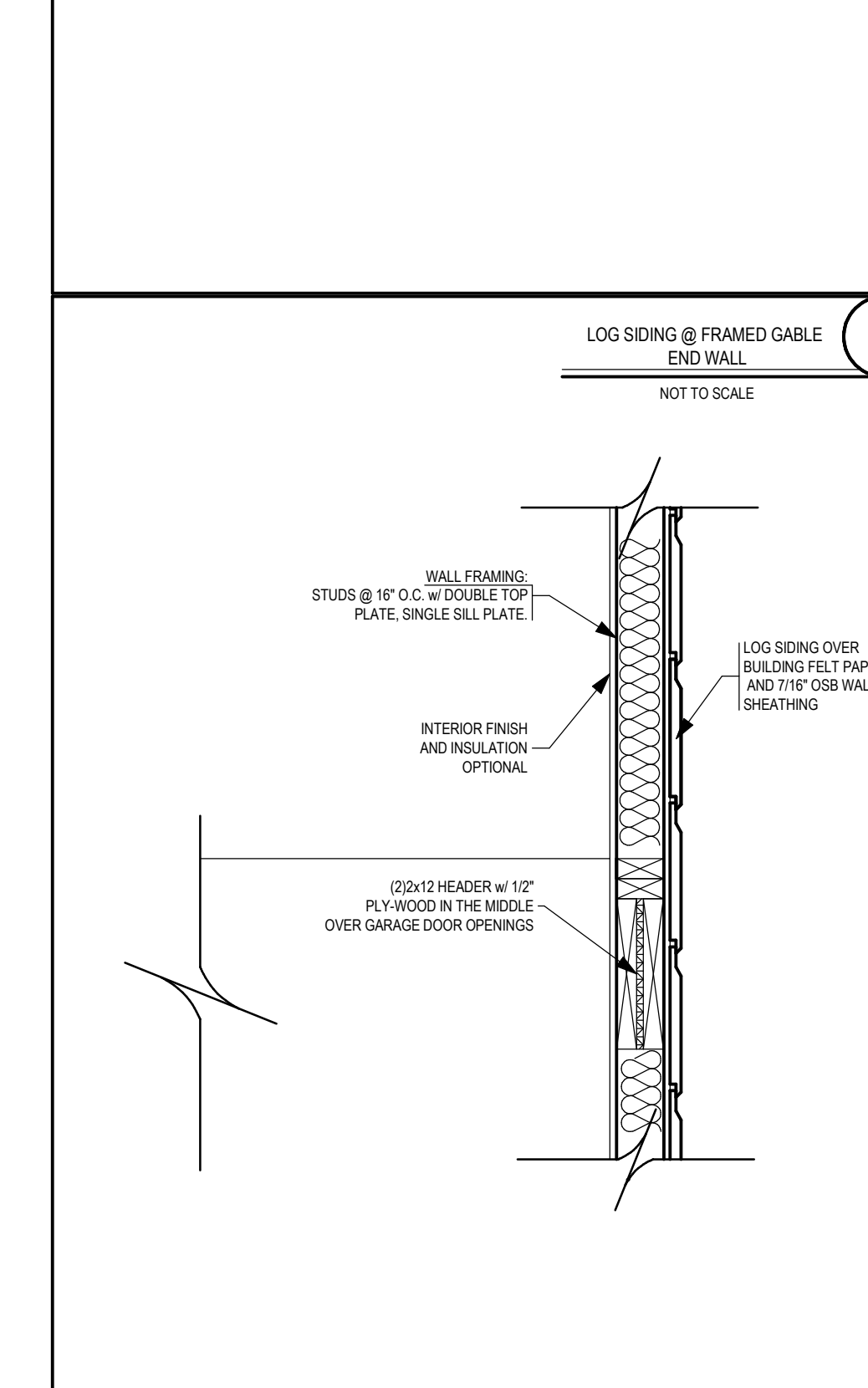
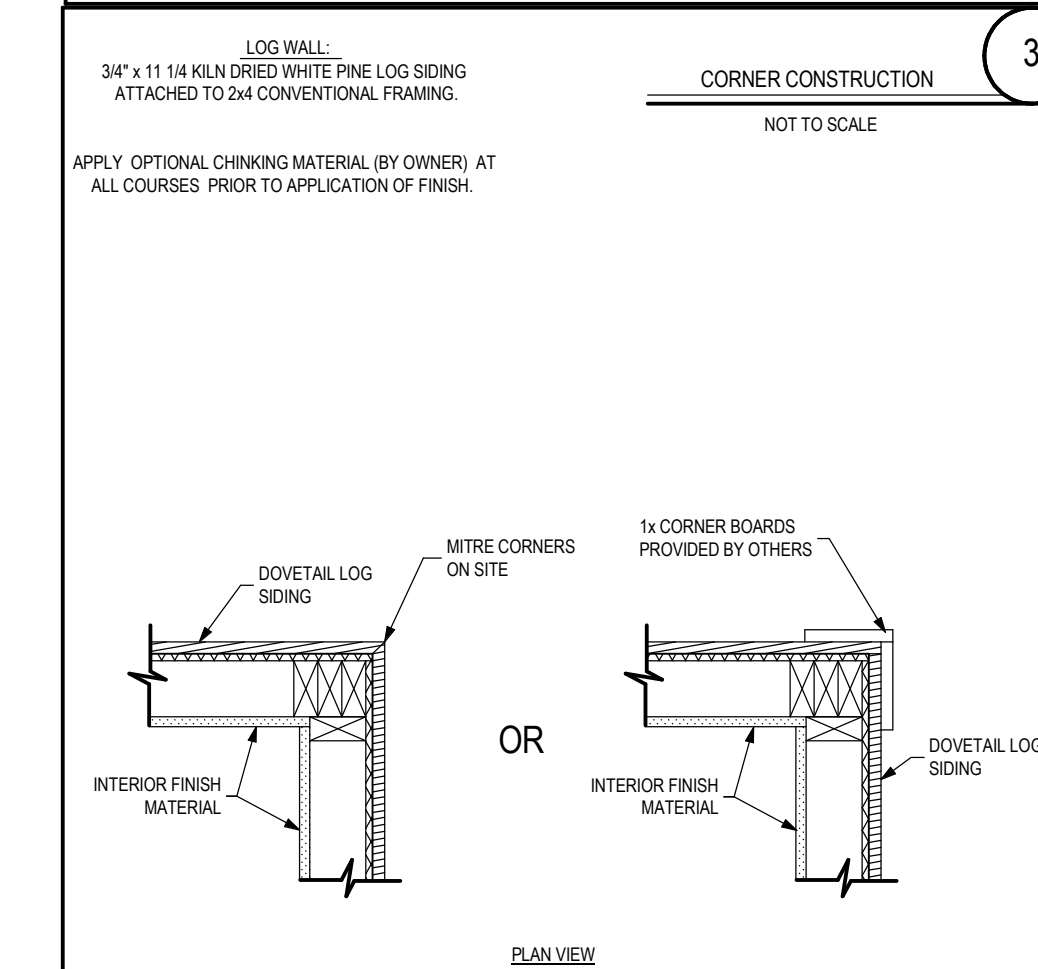
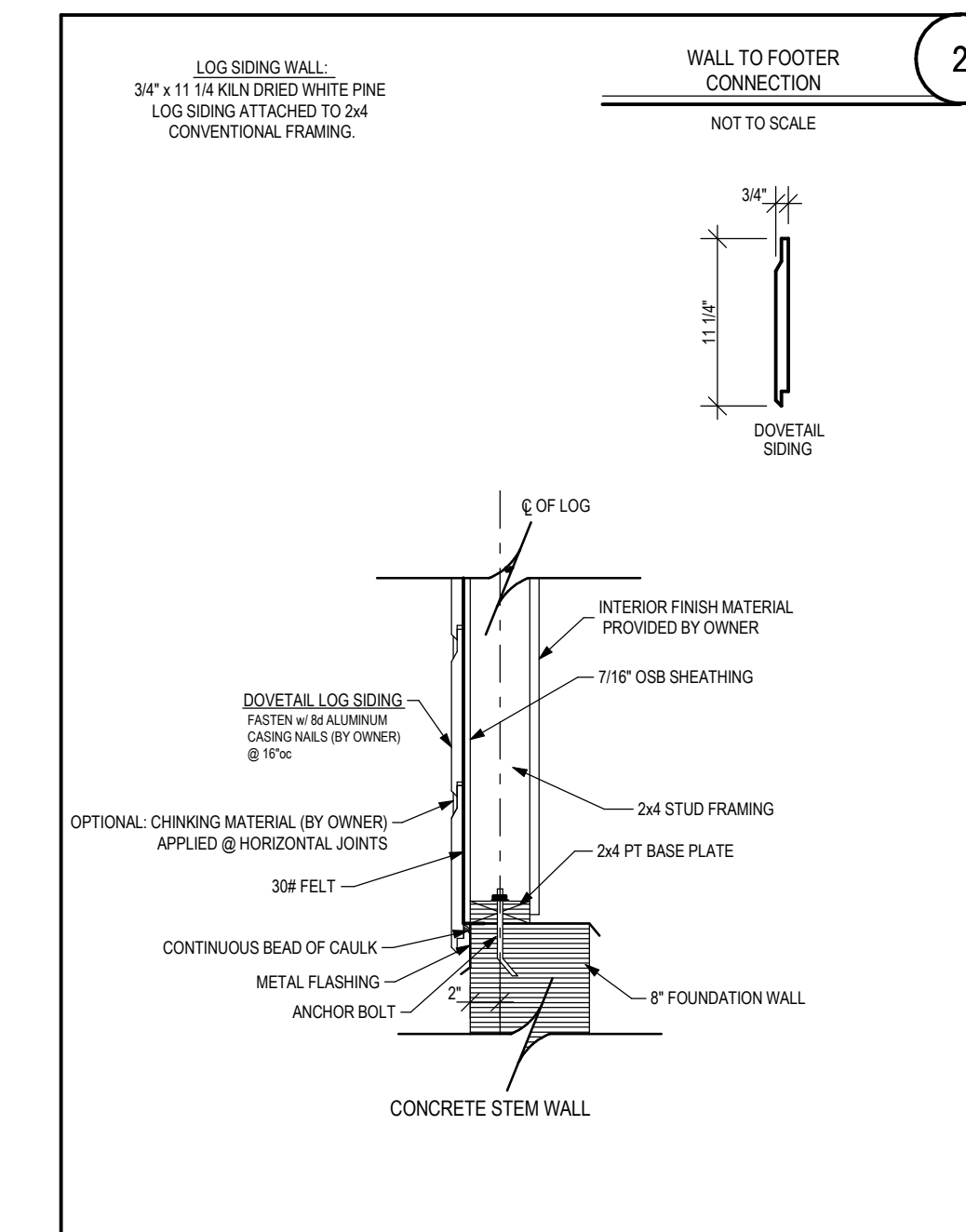
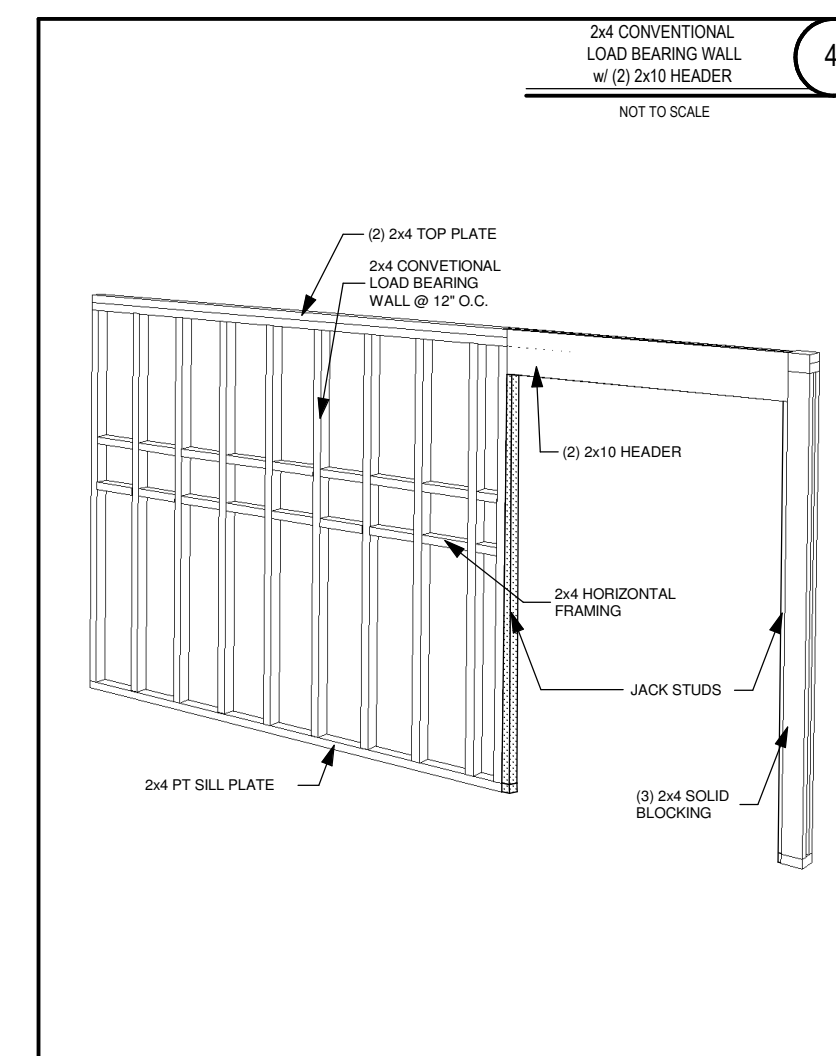
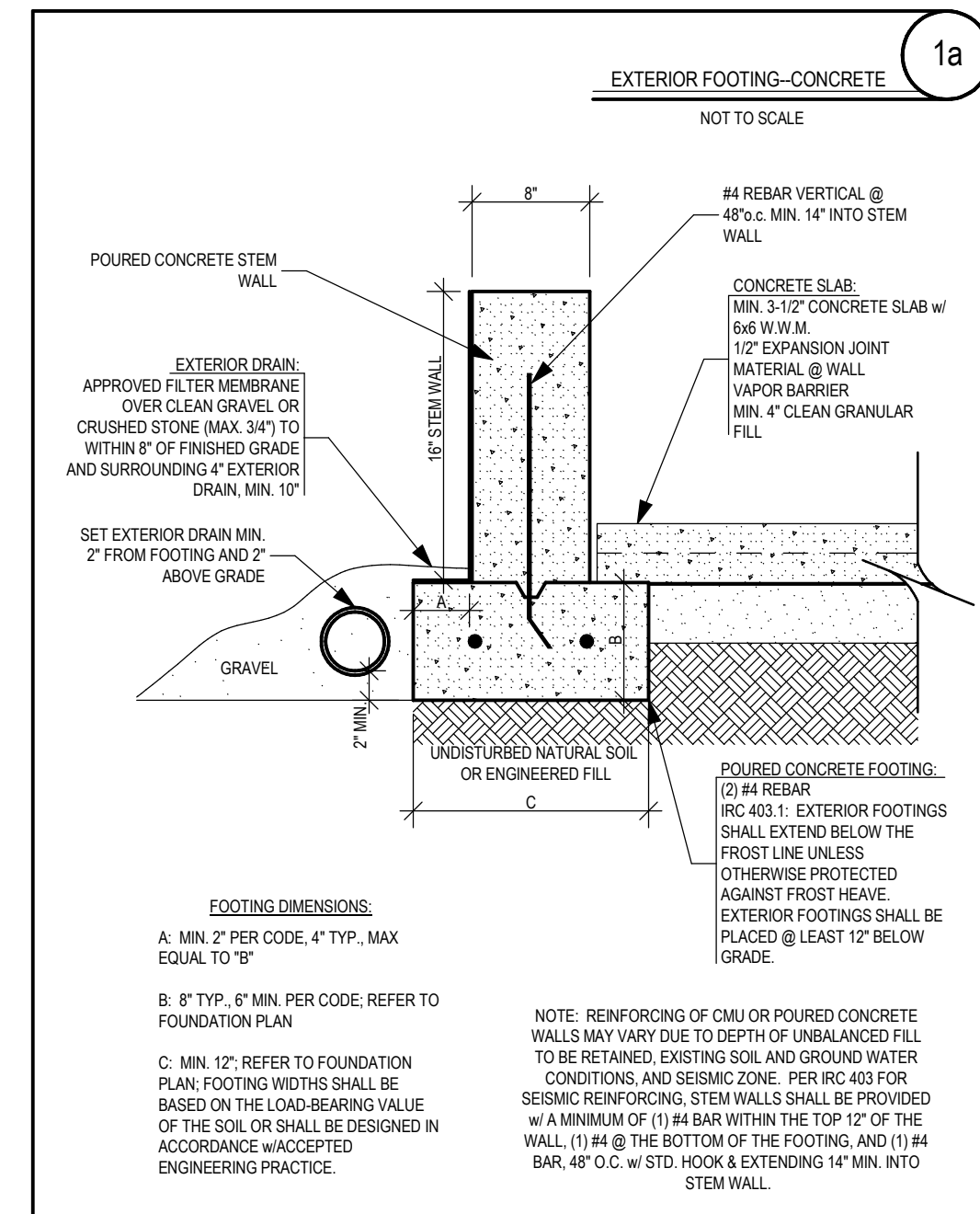
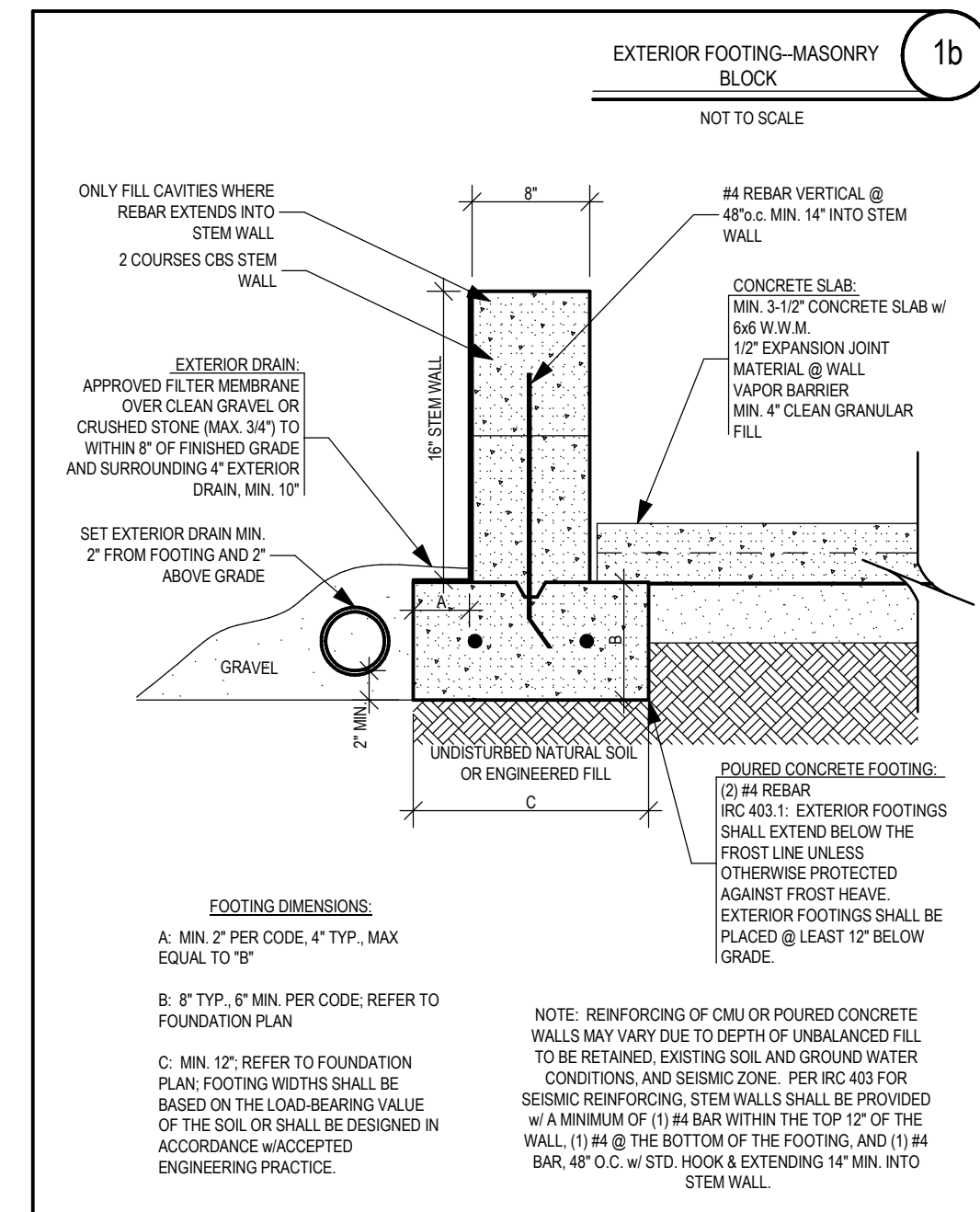
1. **IMPORTANT NOTE!** You must determine the location and the size of your door openings before constructing the stem wall. The size and location of the doorways shown on the plans you received maybe customized on site by the customer.
2. Height of the stem wall may vary due to different depth requirements for the footing.
3. Stem wall must be a minimum of 8" thick.
4. Stem wall must extend 12"-16" above garage floor slab to allow for proper garage door height.
5. Stem wall maybe constructed using poured concrete or 8"x8"x16" CMU block.
6. If using poured concrete the stem wall maybe poured at the same time as the footing.
7. If using masonry block wait for footing to properly cure before continuing construction.
8. Masonry block should be stacked with joints staggered and cavities filled where #4 rebar extends from footing.
9. **IMPORTANT NOTE!** Be sure to double check your stem wall is plumb, square and level. Any variations now may cause problems in log stacking later.
10.
 - A) For poured concrete stem wall; before concrete hardens push in 1/2" diameter x 12" long anchor bolts @ 3'-0" on center with a maximum of 6" from ends of wall. Leave approximately 6" of the anchor bolt exposed above the stem wall. (Refer to Detail 2)
 - B) For masonry block stem wall; before mortar hardens push in 1/2" diameter x 12" long anchor bolts @ 6'-0" on center with a maximum of 12" from ends of wall. Leave approximately 6" of the anchor bolt exposed above the stem wall. (Refer to Detail 2)
11. You may have to fill in sections of the masonry block as necessary to allow for placement of anchor bolts. (Refer to Detail 2)
12. Follow manufacturers instructions on curing time for mortar before continuing construction.
13. Exterior of stem wall and footing must be covered with an approved filter membrane and backfilled with clean gravel or crushed stone.
14. An exterior drain at least 4" in diameter must also be placed a minimum of 2" from footing and a minimum of 2" above undisturbed natural soil.

CONCRETE SLAB (Refer to Detail 1)

1. Backfill the interior of the foundation until it is approximately 20" below top of stem wall. Be sure that fill meets or exceeds the assumed soil bearing pressure of 2000 PSF.
2. Place 4" clean granular fill with vapor barrier on top.
3. Mix and pour your slab according to manufacturers instructions at a minimum of 3 1/2" thick with 6" x 6" welded wire mesh.
4. Leave 1/2" expansion joint at stem wall.
5. Allow slab to cure according to the manufacturers specifications.

FOUNDATION OPTION

It maybe possible to construct your footing, stem wall and slab at the same time by doing them as a single pour. Please consult a local contractor in your area to see if this is an option at your building site.



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LEON DELORGE

DELIVERY COUNTY: SEVIER TN
DELIVERY STATE: TN
CUSTOMER ID NUMBER: 781620
SITE ADDRESS: XXXXX

SOUTHLAND LOG HOMES

800-845-8555 USA
803-781-5128 FAX
7821 BROAD RIVER ROAD
P.O. BOX 1688 IRMO, SC 29063-1688

MODEL: CUSTOM
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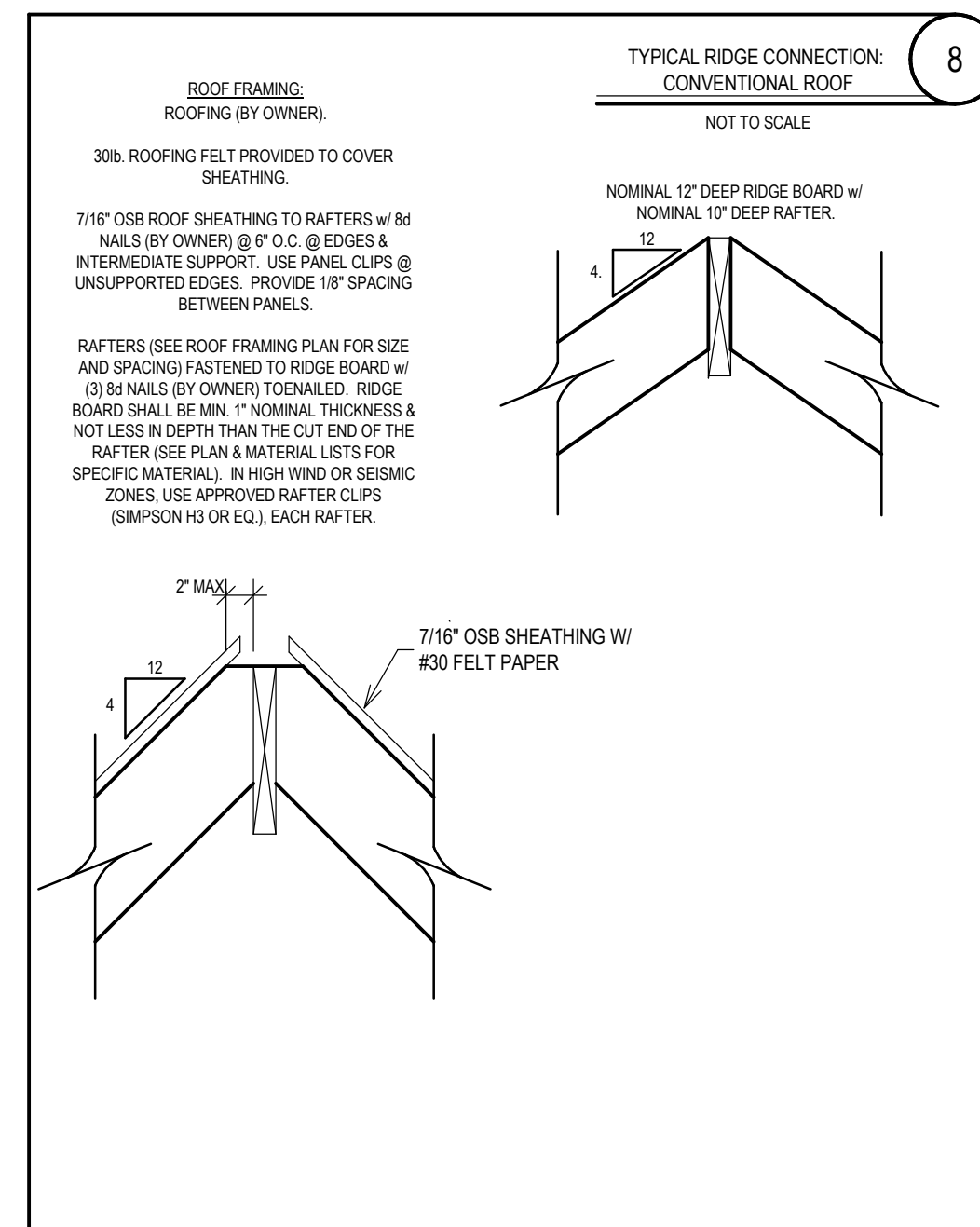
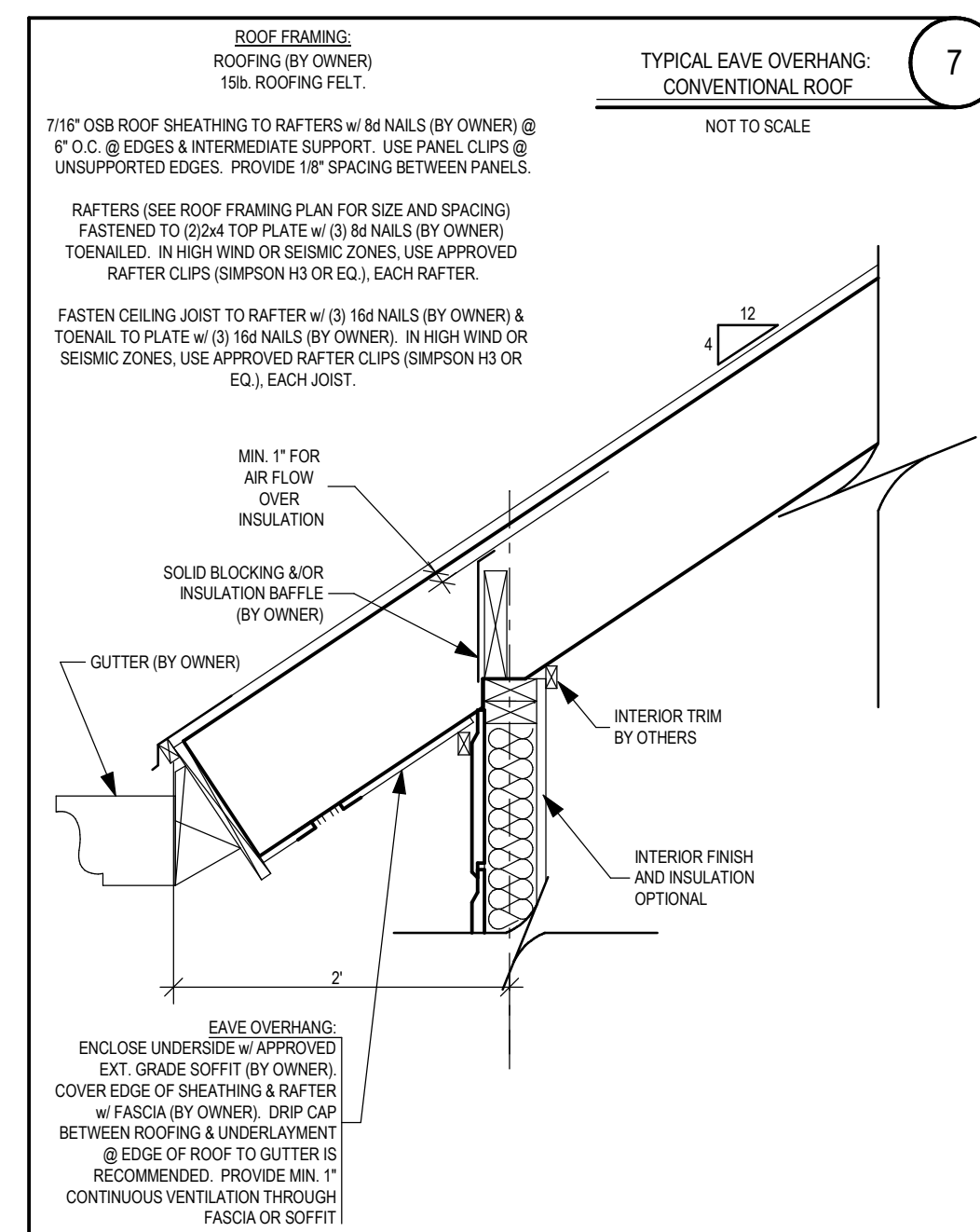
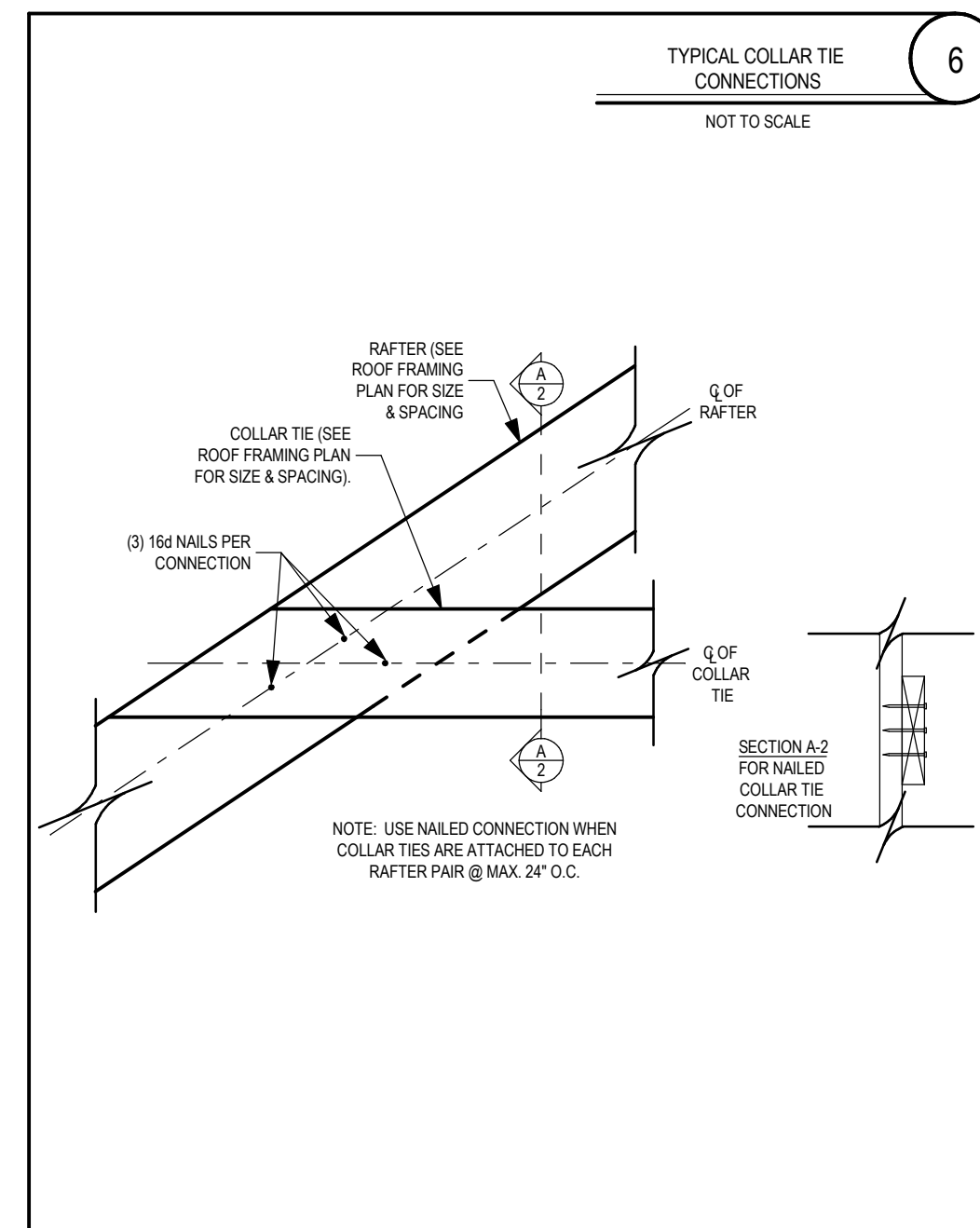
G3.1
SHEET NUMBER

ROOF FRAMING (Refer to Detail 7-9)

- To begin roof framing locate the 2x6 rafter plates and 2x12 ridge board in your kit. Cut to length to match the log walls. Mark rafter plates and ridge board with a pencil @ 16" on centers. This is the spacing for the rafters.
- Center the rafter plates over the log wall and secure with 16d nails spaced at 16" on center, staggered. These rafter plates only need to be on the left and right side walls. The front and ear wall will be framed with 2x4's later on for the gable ends.
- Use temporary framing and/or bracing to hold ridge board in place (3'-10 1/4" above the rafter plate) so you can determine the proper placement of the cuts in the rafters. You will need to cut a notch where the rafter meets the sill plate, commonly called a bird's mouth, and you will need to make a straight cut where the rafter meets the ridge board so they can be secured firmly together.
- Another cut will be made to flatten the top corner of the rafter where it meets the ridge board. The flat area created by this cut cannot exceed 2". (Refer to Detail 9)
- It is important that you have the ridge board centered and at the correct height before making any cuts in the rafters.
- Once you have cut (1) rafter for each side of the ridge board and checked to make sure they fit securely. You can then use those rafters as a template to cut the remaining rafters.
- IMPORTANT NOTE!** Do not remove temporary framing or bracing for ridge board until collar ties have been installed.
- Secure all rafters in place using (2) 16d nails, you can then secure the collar ties into position with (3) 16d nails per connection. (Refer to Detail 7)
- Check the "Transverse Section - A" on sheet 1.1 for correct collar tie height.
- Once collar ties are in place you can take down the temporary framing or bracing for the ridge board.
- The front and rear gable end framing uses conventional 2x4 framing to frame the opening and then use 7/16" OSB sheathing covered with #30# felt paper to enclose it. (Refer to Detail 6)
- Use galvanized or aluminum nails to fasten the log siding to the sheathing.
- Apply a consistent bead of exterior grade caulking on top of the log wall course and beginning of siding.
- Use a 10" aluminum flashing at the bottom of the log siding with caulking above and below.
- The 7/16" OSB roof sheathing can now be set into place.
- Lay the sheathing so that the long axis is perpendicular with the rafters.
- Remember to stagger joints as you go to the next layer up and secure 7/16" hurricane ties where the next sheet will make a connection.
- Attach the sheathing with plywood adhesive and 8d galvanized common nails, space 6" on center at the edges and 10" on center on the interior of the sheet. Please refer to Nailing Schedule on sheet 2.1.
- Be sure to leave a gap at the ridge for ridge vent to be supplied by others and applied later.
- After sheathing is secured you can begin applying the #30# roof felt.
- Follow the manufacturers instructions and local codes for applying the felt paper correctly in your area.

FINISHING TOUCHES

- The last steps to take to seal in your garage are caulking, set window and door, and apply Southland's Exterior Finish to protect the logs.
- The window and door you receive should be installed according to manufacturers specifications. Please note the size of the rough openings needed for the door and window before you begin your log wall construction.
- The tan colored caulking is provided as part of the materials you received for your garage.
- The caulking should be applied using the manufacturers instructions on the package, and should be applied before any sealers or wood stains are used.
- All seams between logs and all joints should be caulked to seal them tightly.
- You may want to practice in a hidden area to sharpen your technique before you complete the more visible areas.
- For more information on caulking please refer to your SLH Construction Manual, page 4-17.
- The exterior wood preservative provided will help to seal and maintain your logs.
- For best results apply (1) heavy coat on dry surface.
- When hanging your garage doors it may be necessary to hang the garage door rails from one of the rafters or the collar ties depending on the size door you decide on.

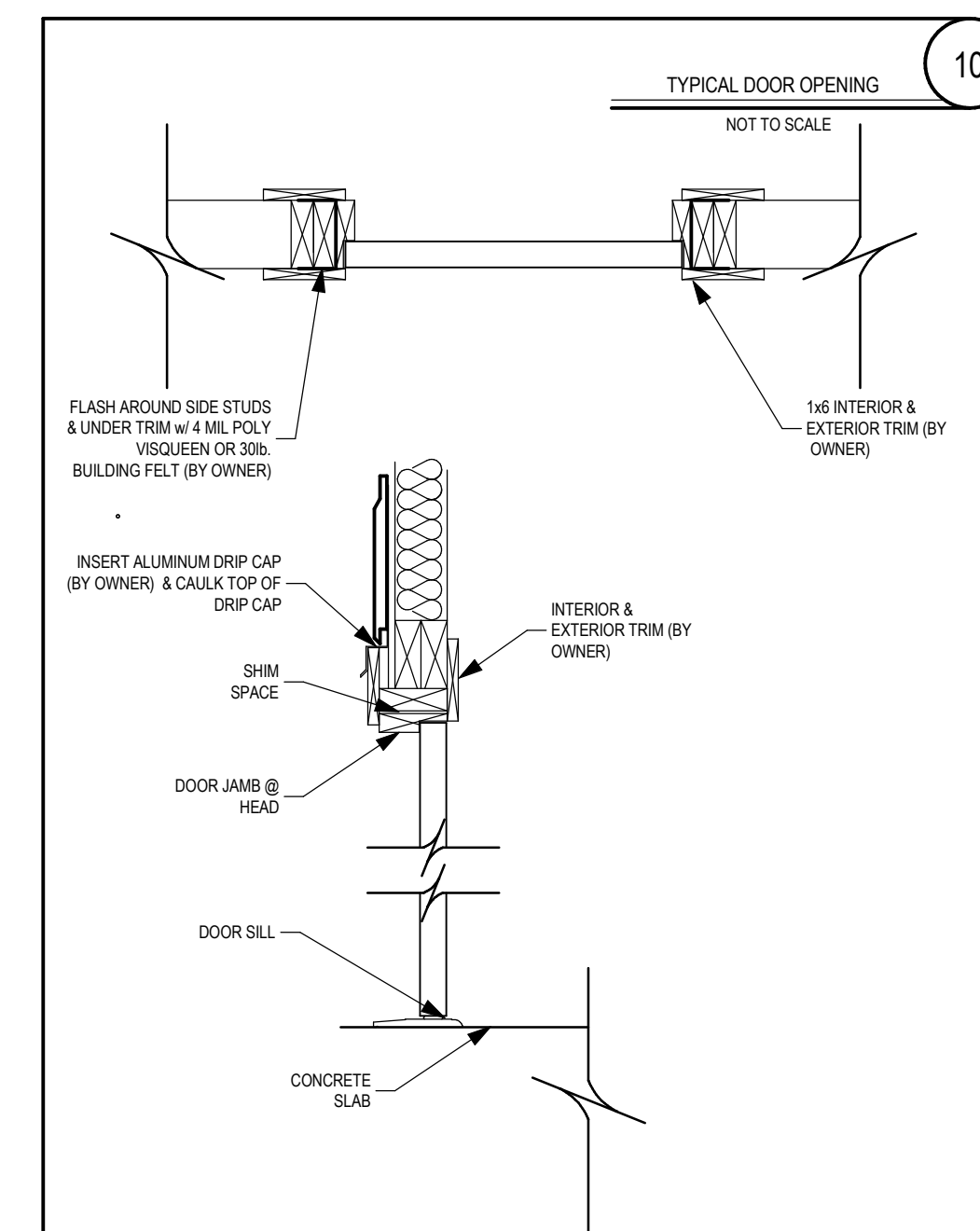
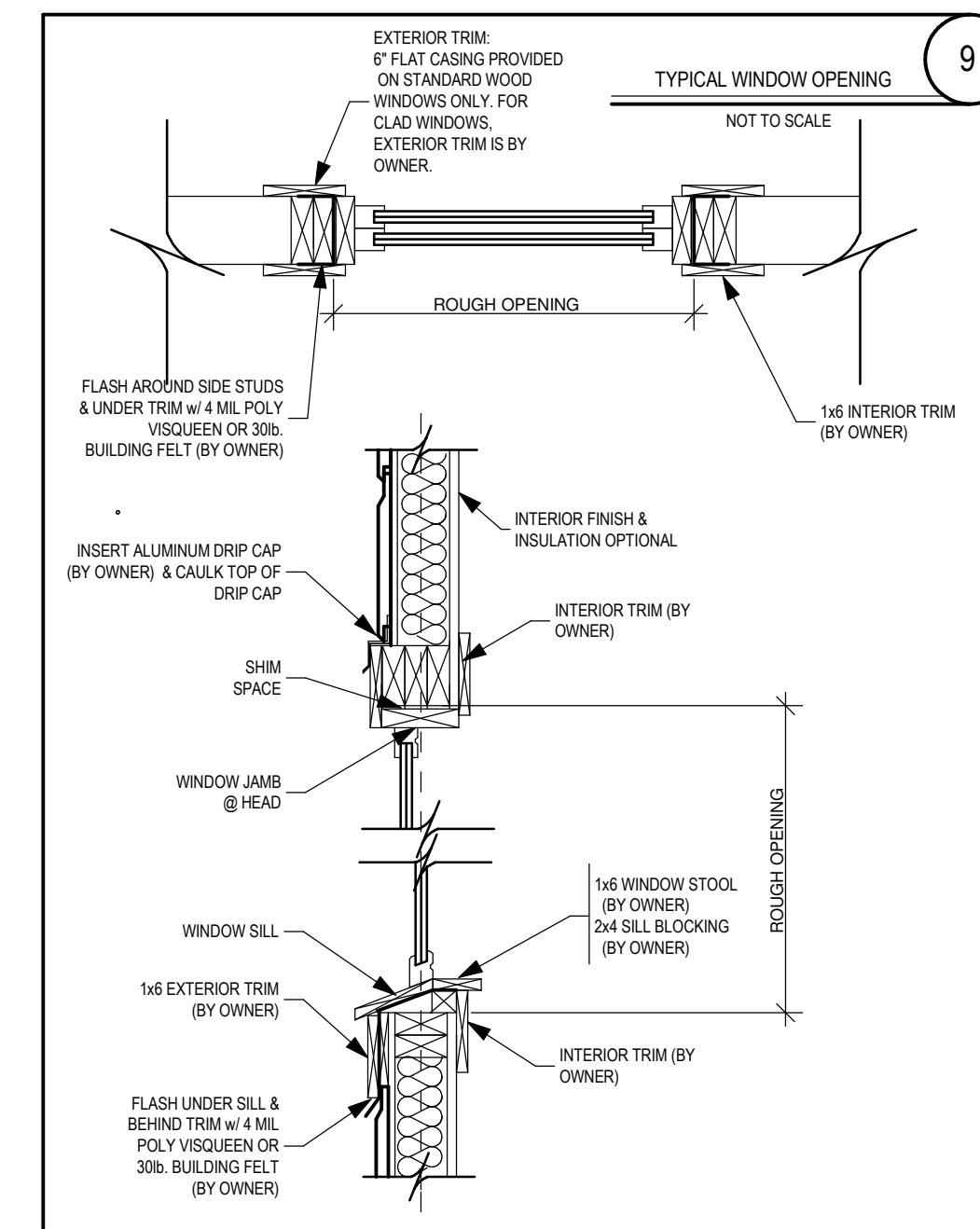


WINDOW AND DOOR

- It is always best to follow manufacturers specifications when installing any door or window.
- It is important that you determine the size of the rough opening needed for your specific door and window during the layout process before construction of the walls is started.
- The bucks for the door and window can also help align logs during construction by framing the openings and being temporarily supported in place. Making sure they are plumb and square.

CONGRATULATIONS! You have now completed construction of your Custom Garage from Southland Log Homes.

It is important to remember that before undertaking any project of this type you understand all the skills, materials and knowledge required to complete the project safely and properly. Please take the time to familiarize yourself with the steps outlined here as well as the plans and details for your garage. For further information you can refer to the Southland Log Homes Construction Manual.



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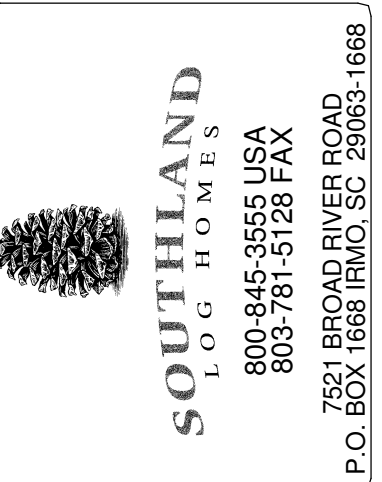
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CUSTOMER ID NUMBER: 781620
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MODEL: CUSTOM
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1601958 PROJECT NUMBER

G3.2 SHEET NUMBER