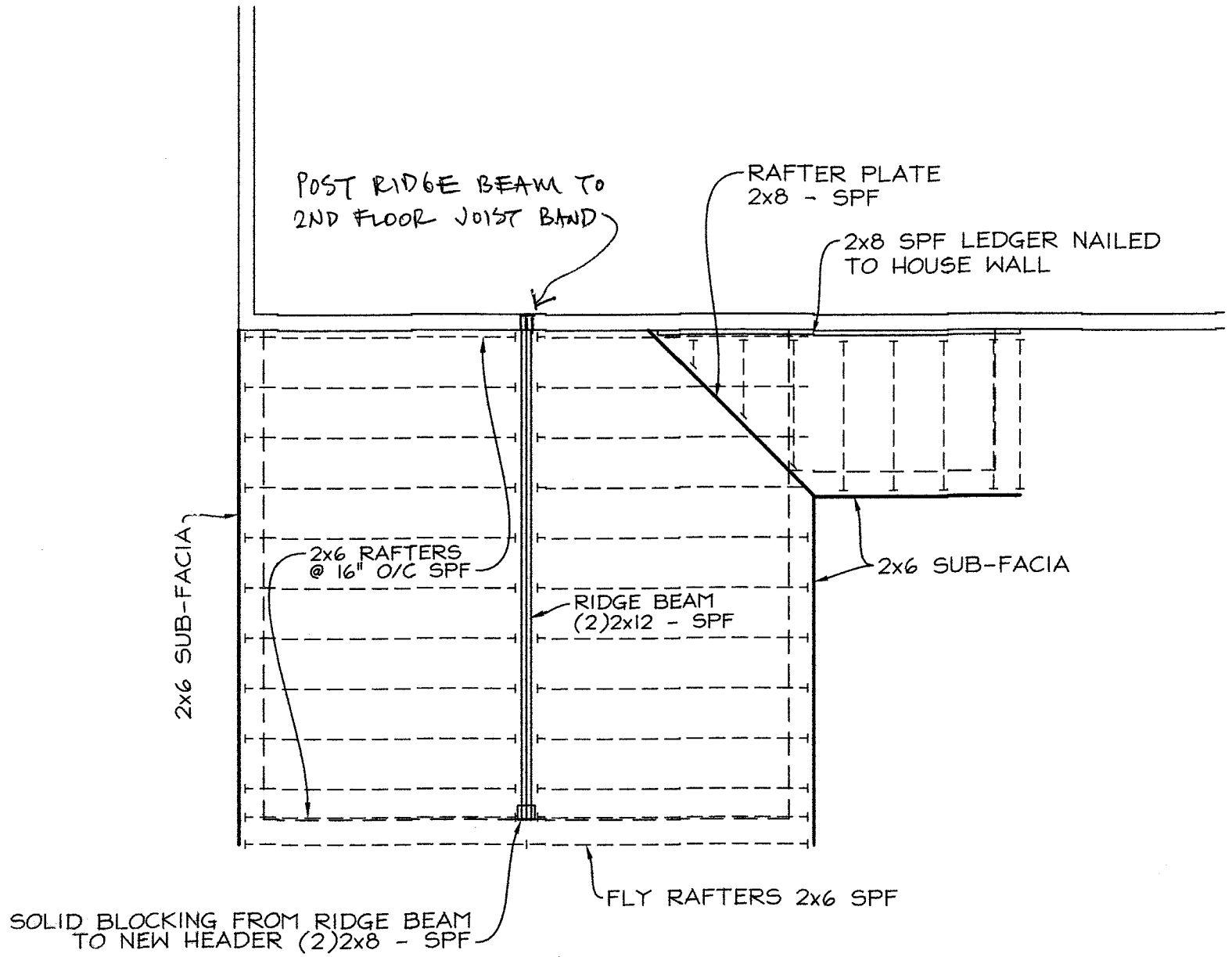


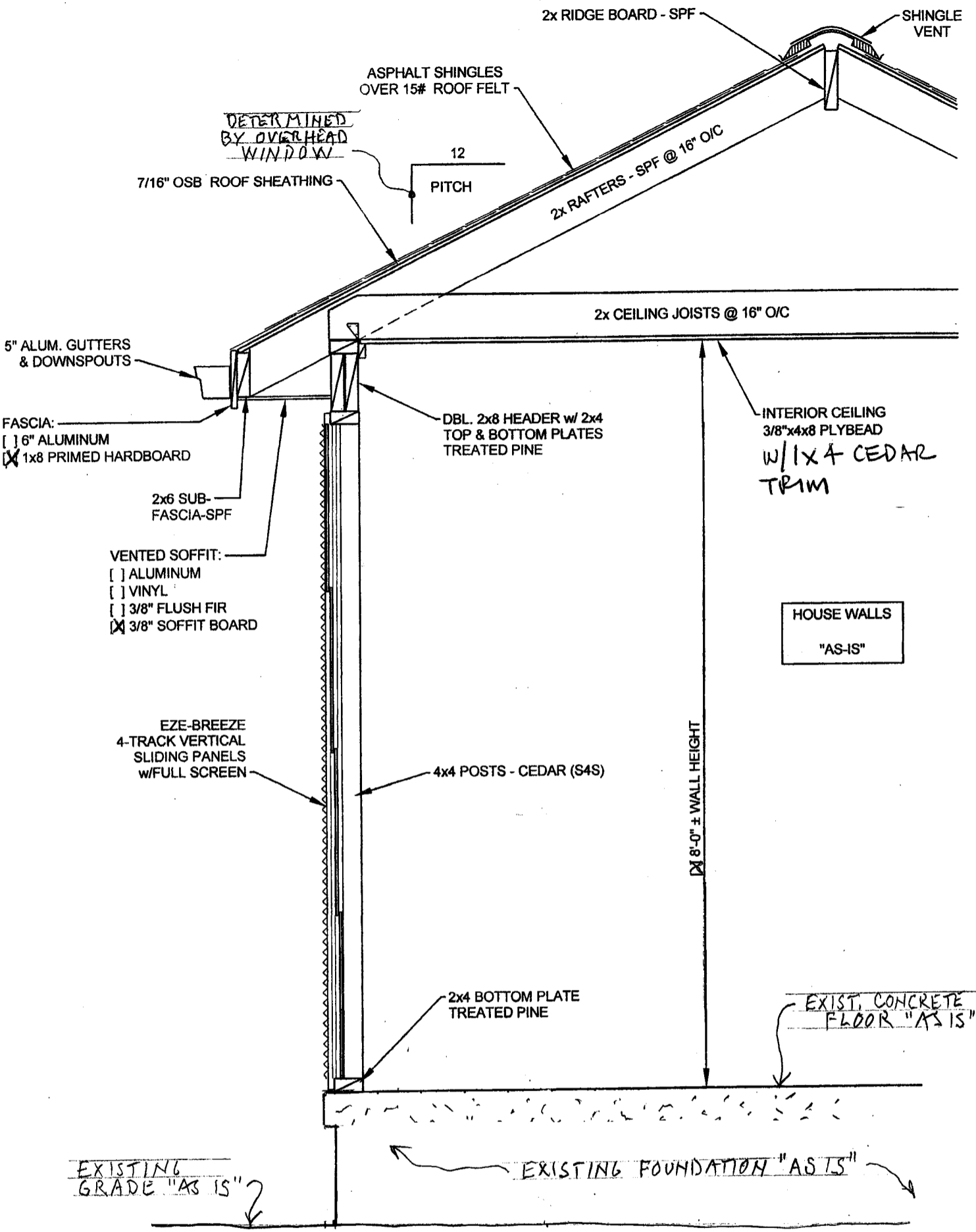
KELLY, JENNIFER / BRIAN
 211 N. CASSINGHAM ROAD
 BEXLEY, OH 43209
 PARCEL# 020 - 001860

N. CASSINGHAM ROAD



ROOF FRAMING LAYOUT

Handwritten signature



EZE-BREEZE PORCH SECTION, TYP.

DETAIL DRAWING / SUNCRAFT CORPORATION, INC.®

JOB NAME: KELLY JOB # 20009

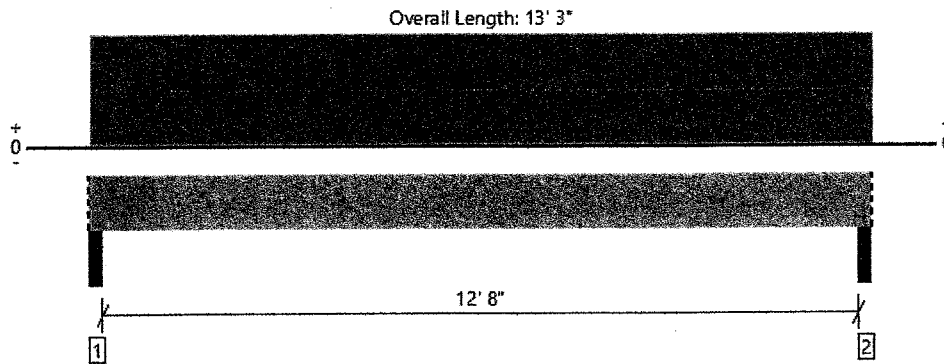
By signing below, Buyer(s) acknowledge a complete understanding of the construction drawing shown above including measurements and materials specified. Any modifications or alterations to this drawing requested by Buyer(s) after approval must be on Suncraft® Change Order Form with pre-payment in full. No painting, staining, caulking, or nail hole filling included.

THIS DRAWING APPROVED BY:

x _____ Date: _____

x _____ Date: _____

Level, Roof: Flush Beam
2 piece(s) 2 x 12 Spruce-Pine-Fir No. 1 / No. 2



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDf	Load Combination (Pattern)
Member Reaction (lbs)	1701 @ 2"	4463 (3.50")	Passed (38%)	--	1.0 D + 1.0 Lr (All Spans)
Shear (lbs)	1386 @ 1' 2 3/4"	3797	Passed (36%)	1.25	1.0 D + 1.0 Lr (All Spans)
Moment (Ft-lbs)	5355 @ 6' 7 1/2"	5768	Passed (93%)	1.25	1.0 D + 1.0 Lr (All Spans)
Live Load Defl. (in)	0.176 @ 6' 7 1/2"	0.646	Passed (L/881)	--	1.0 D + 1.0 Lr (All Spans)
Total Load Defl. (in)	0.323 @ 6' 7 1/2"	0.861	Passed (L/480)	--	1.0 D + 1.0 Lr (All Spans)

System : Roof
 Member Type : Flush Beam
 Building Use : Residential
 Building Code : IBC 2015
 Design Methodology : ASD
 Member Pitch : 0/12

- Deflection criteria: LL (L/240) and TL (L/180).
- Top Edge Bracing (Lu): Top compression edge must be braced at 4' 8" o/c based on loads applied, unless detailed otherwise.
- Bottom Edge Bracing (Lu): Bottom compression edge must be braced at 13' 3" o/c based on loads applied, unless detailed otherwise.
- Applicable calculations are based on NDS.

Supports	Bearing Length			Loads to Supports (lbs)				Accessories
	Total	Available	Required	Dead	Roof Live	Snow	Total	
1 - Stud wall - SPF	3.50"	3.50"	1.50"	774	928	696	2398	Blocking
2 - Stud wall - SPF	3.50"	3.50"	1.50"	774	928	696	2398	Blocking

• Blocking Panels are assumed to carry no loads applied directly above them and the full load is applied to the member being designed.

Vertical Loads	Location (Side)	Tributary Width	Dead (0.90)	Roof Live (Non-snow 1.25)	Snow (1.15)	Comments
0 - Self Weight (PLF)	0 to 13' 3"	N/A	8.6	--	--	
1 - Uniform (PSF)	0 to 13' 3" (Front)	7'	15.5	20.0	15.0	Default Load

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 The product application, input design loads, dimensions and support information have been provided by ForteWEB Software Operator

ForteWEB Software Operator	Job Notes
James Knox Suncraft (614) 475-0000 jim@suncraftdesignbuild.com	Kelly - 20009 211 N. Cassingham Road Bexley, OH 43209



