



DOVETAIL GROUP LLC DESIGN • BUILD • RENOVATE • RESTORE	990 W STRASBURG RD WEST CHESTER PA 19382 PH: 484.639.2776 INFO@DOVETAILGROUPLLC.COM	PROJECT:	ADDITION	DWG #:
		TITLE:	ISOMETRIC VIEW OF PROJECT	SCALE: AS NOTED
				DRAWN BY: JBS
				PROJECT #:
				PRINTED: Dec 24, 2017

DWG #	TITLE
CS	COVER SHEET
1A	PLAN VIEW & EAST ELEVATION
1B	NORTH & SOUTH ELEVATIONS
1C	VERT SECT @ BATH & BEDROOM
1D	VERT SECT @ BATH & LAUNDRY
2A	HELICAL PILES - PLAN
2B	HELICAL PILES - ORTHO
3A	SUPPORT BEAMS - ORTHO
3B	SUPPORT BEAMS - DETAILS
4A	I-JOISTS LAYOUT - ORTHO
4B	UNDERSIDE DECKING - ORTHO
4C	DECK ASSEMBLY - DETAILS
5A	1ST FLR WALL FRAMING - PLAN
5B	1ST FLR FRAMING - RH ORTHO
5C	1ST FLR FRAMING - LH ORTHO
5D	1ST FLR FRAMING - DETAILS
5E	LAUNDRY WALL FRAMING - PLAN
5F	LAUNDRY WALL FRAMING - ORTHO
5G	ROOF FRAMING - ORTHO
5H	ROOF FRAMING DETAILS
5I	ROOF FRAMING DETAILS
5J	ROOF FRAMING DETAILS
6A	1ST FLR ELECTRICAL - PLAN
6B	KITCHEN ELECTRICAL - PLAN
6C	LAUNDRY ELECTRICAL - PLAN
S 1.0	HELICAL PILES - ENGINEERING SPECS



DOVE TAIL GROUP LLC

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 WEST CHESTER PA 19382
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DESIGN•BUILD•RENOVATE•RESTORE

PROJECT:

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PH: 484.639.2776
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SCALE: AS NOTED

DRAWN BY: JBS

PROJECT #:

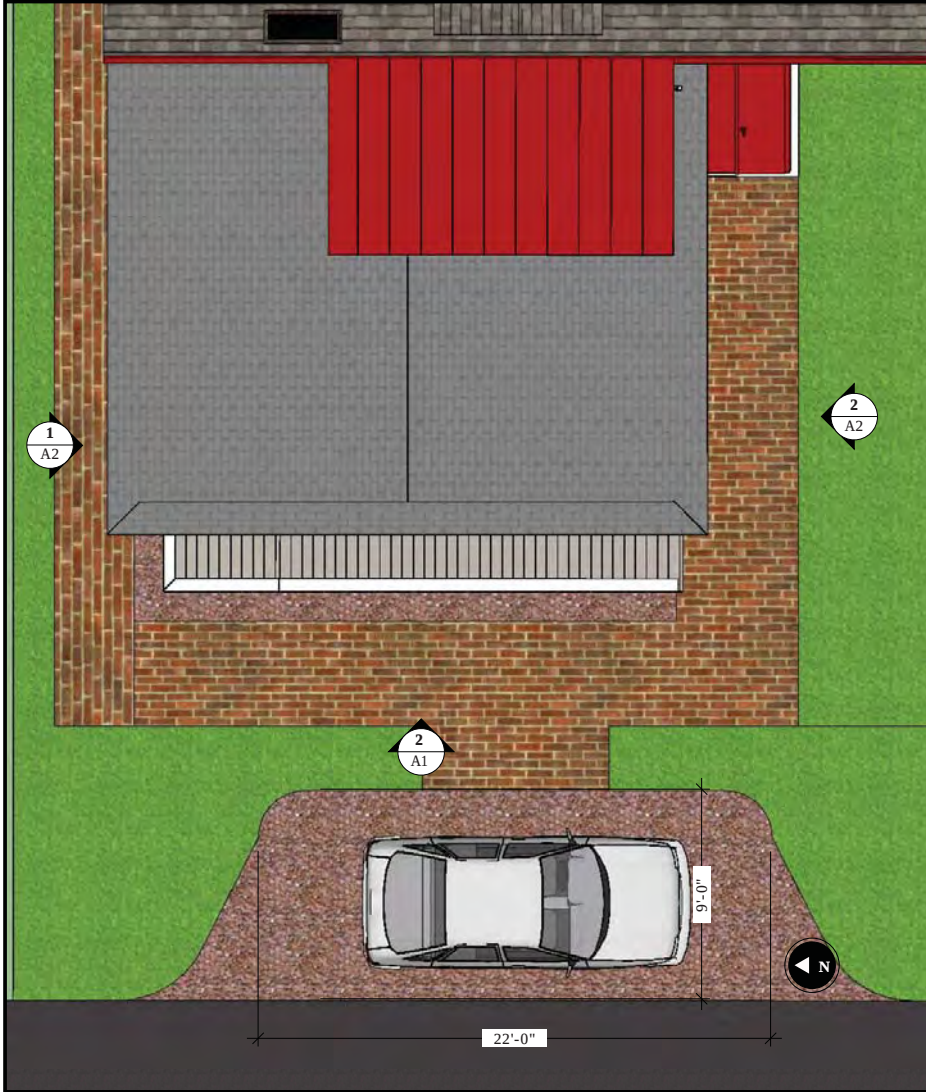
PRINTED: Dec 24, 2017

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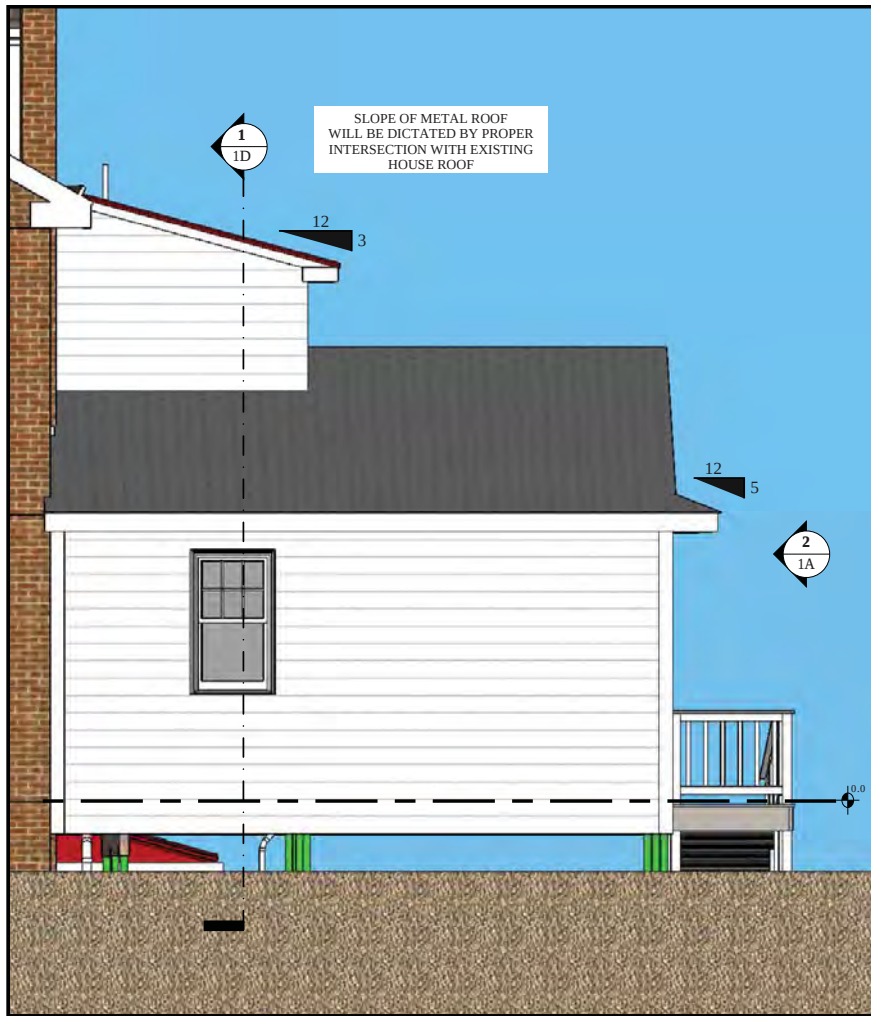


1 PLAN VIEW OF ROOFS
Scale: 3/16" = 1'-0"



2 WEST ELEVATION
Scale: 1/4" = 1'-0"

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	TITLE:	ROOF PLAN & WEST ELEVATION OF ADDITION		
	DWG #: 1A			



1 NORTH ELEVATION
Scale: 1/4" = 1'-0"



2 SOUTH ELEVATION
Scale: 1/4" = 1'-0"

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	TITLE: NORTH & SOUTH ELEVATIONS OF ADDITION			DRAWN BY: JBS	1B
				PROJECT #:	
				PRINTED:	



1 VERT SECT @ BATH @ BED
Scale: NTS



2 ORTHO SEC @ BATH @ BED
Scale: NTS

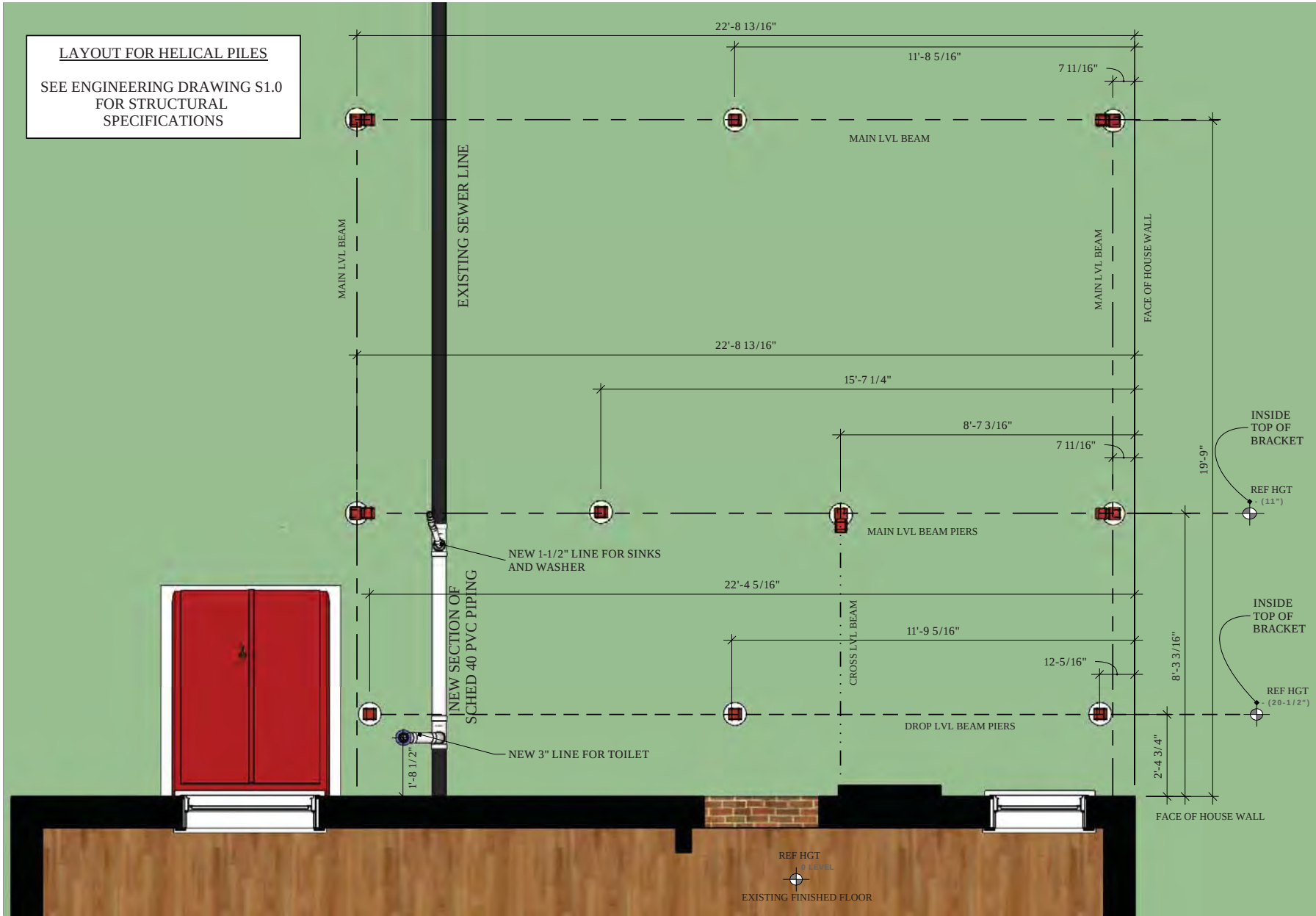
DOVETAIL GROUP LLC 990 W STRASBURG RD WEST CHESTER PA 19382 PH: 484.639.2776 INFO@DOVETAILGROUPLLC.COM DESIGN•BUILD•RENOVATE•RESTORE	PROJECT: TITLE:	SCALE: AS NOTED	DWG #:
		DRAWN BY: JBS	1C
		PROJECT #:	
		PRINTED: Dec 24, 2017	



1 VERT SECT @ BATH & LAUNDRY
Scale: 1/4" = 1'-0"



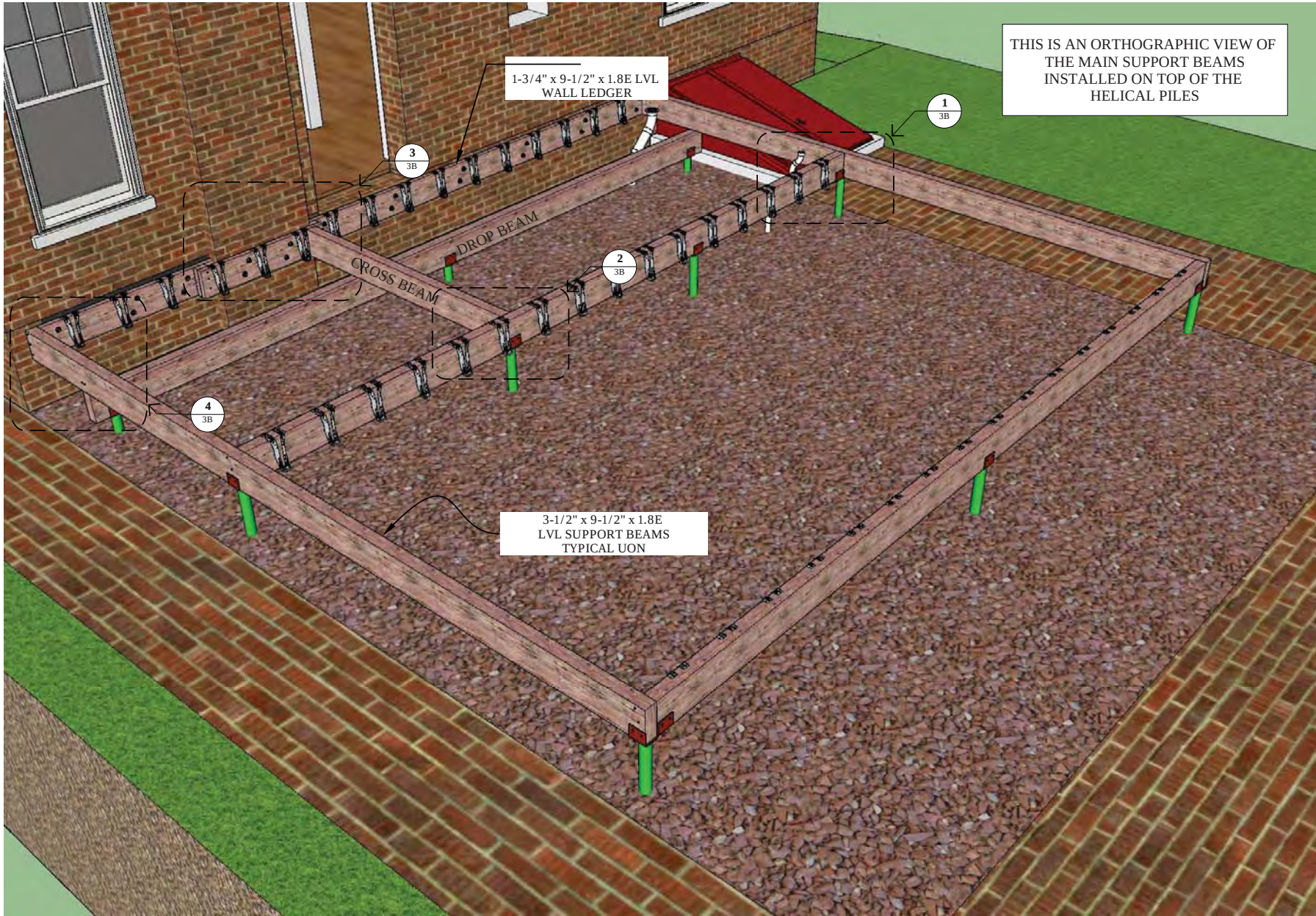
2 ORTHO SEC @ BATH @ BED
Scale: NTS



DOVETAIL GROUP LLC 990 W STRASBURG RD WEST CHESTER PA 19382 PH: 484.639.2776 INFO@DOVETAILGROUPLLC.COM DESIGN • BUILD • RENOVATE • RESTORE	PROJECT: PLAN VIEW OF HELICAL PILES		SCALE: 3/8" = 1'-0"	DWG #:
	TITLE:		DRAWN BY: JBS	2A
	INFO@DOVETAILGROUPLLC.COM		PROJECT #:	
	DESIGN • BUILD • RENOVATE • RESTORE		PRINTED: Dec 24, 2017	

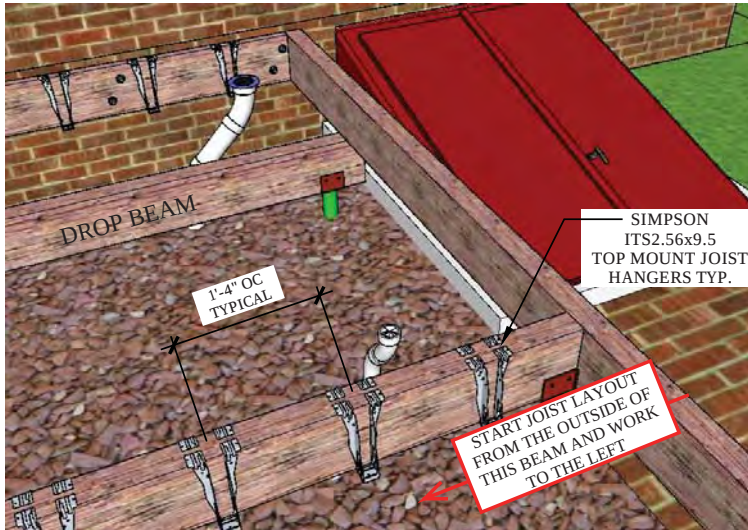


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	ORTHO VIEW OF HELICAL PILES		TITLE:	DRAWN BY: JBS	2B
				PROJECT #:	
				PRINTED: Dec 24, 2017	

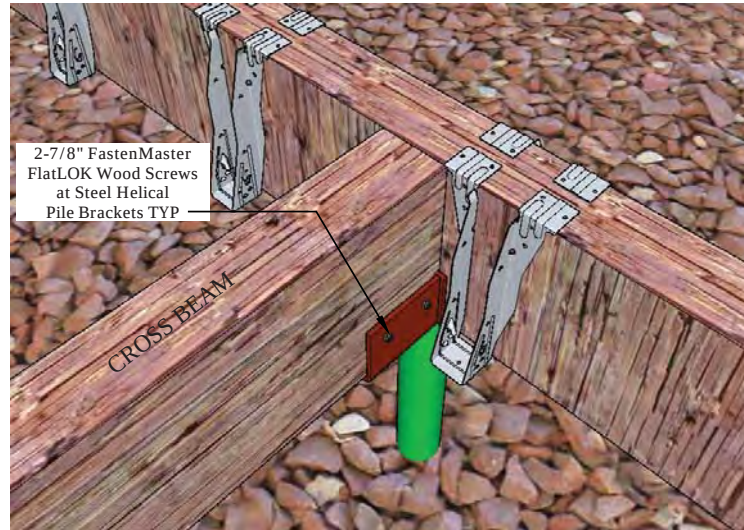


THIS IS AN ORTHOGRAPHIC VIEW OF THE MAIN SUPPORT BEAMS INSTALLED ON TOP OF THE HELICAL PILES

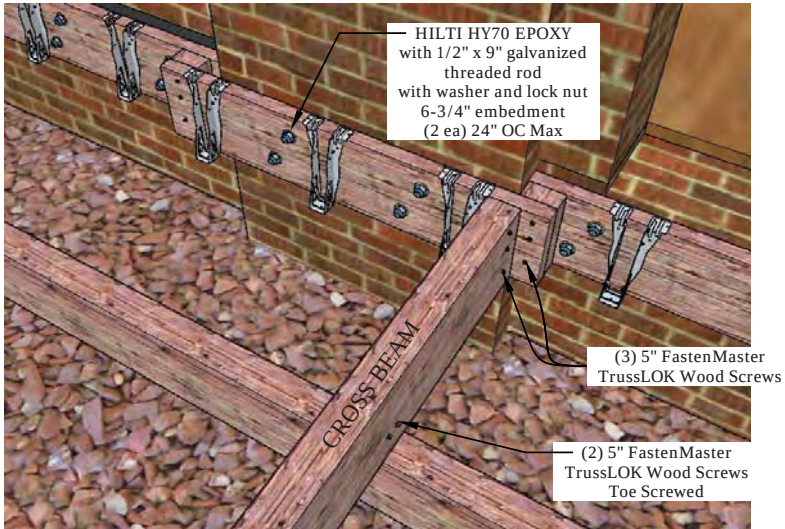
 DOVETAIL GROUP LLC DESIGN • BUILD • RENOVATE • RESTORE	PROJECT:		SCALE: NTS	DWG #:
	TITLE:		DRAWN BY: JBS	3A
	990 W STRASBURG RD WEST CHESTER PA 19382 PH: 484.639.2776 INFO@DOVETAILGROUPLLC.COM		PROJECT #:	
			PRINTED:	Dec 24, 2017



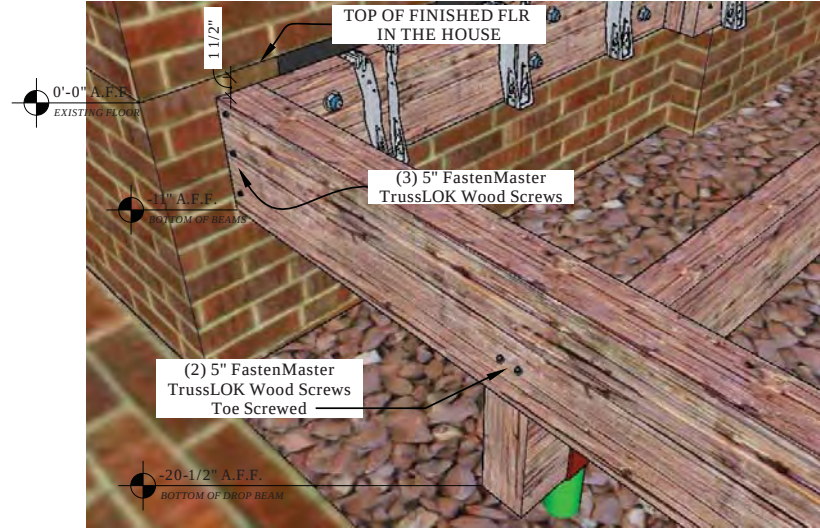
1 DETAIL AT JOIST HANGERS
Scale: NOT TO SCALE



2 DETAIL AT CROSS BEAM CONNECTION
Scale: NOT TO SCALE



3 DETAIL AT LEDGER AROUND CHIMNEY
Scale: NOT TO SCALE

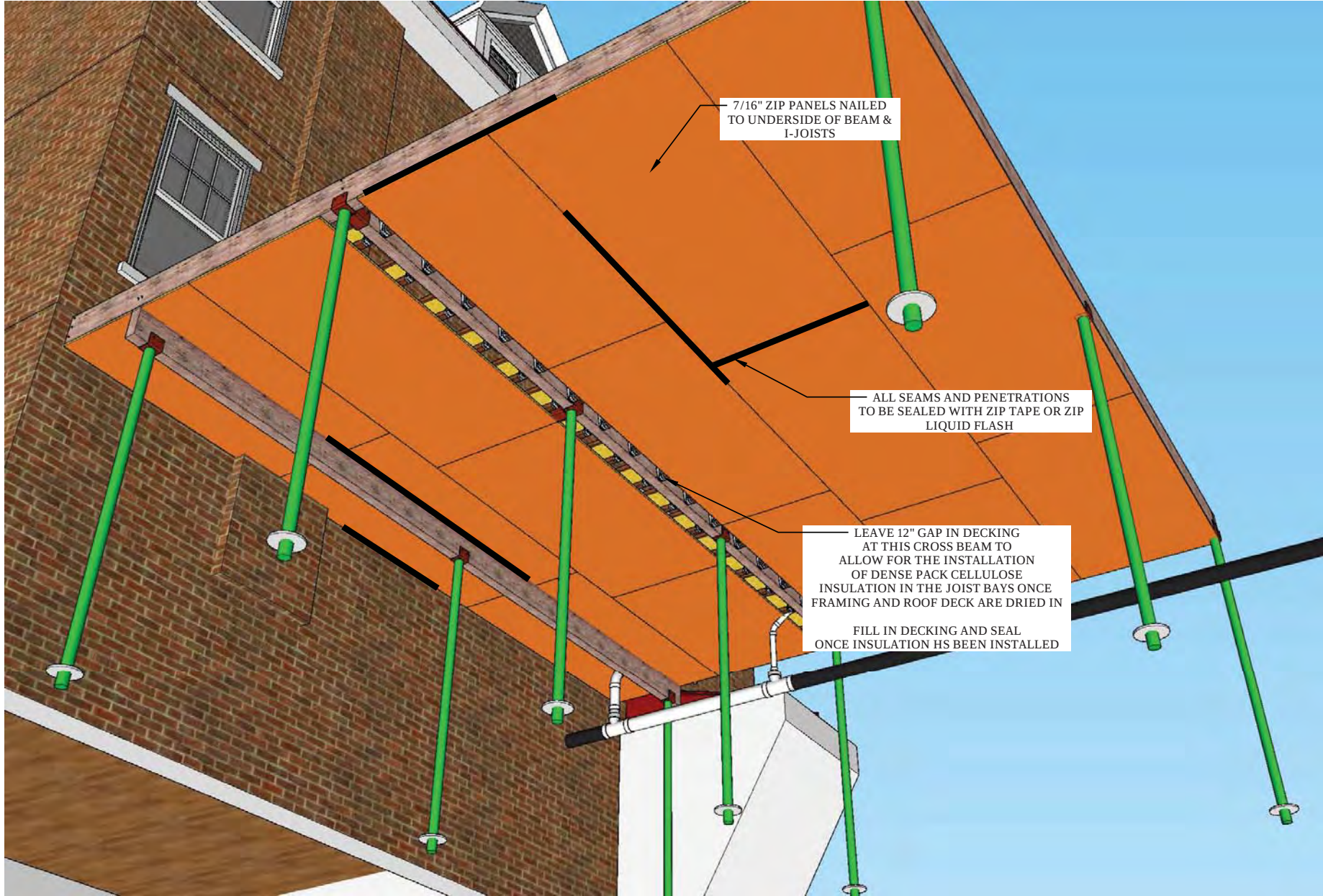


4 DETAIL AT BEAM END CONNECTIONS
Scale: NOT TO SCALE

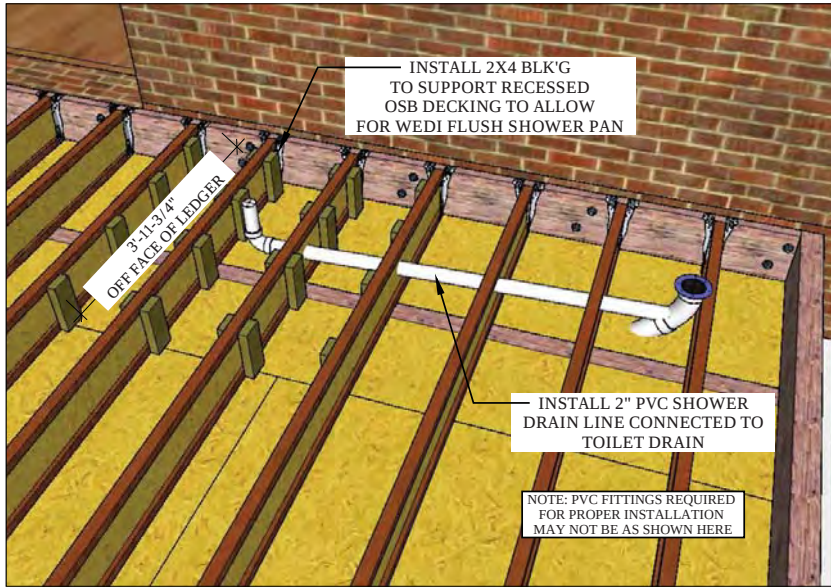
DOVETAIL GROUP LLC 990 W STRASBURG RD WEST CHESTER PA 19382 PH: 484.639.2776 INFO@DOVETAILGROUPLLC.COM DESIGN • BUILD • RENOVATE • RESTORE	PROJECT:		SCALE: AS NOTED		DWG #: 3B
	TITLE:		DRAWN BY: JBS		
			PROJECT #:		
			PRINTED:		
			Dec 24, 2017		
DETAILS OF SUPPORT BEAM CONNECTIONS					



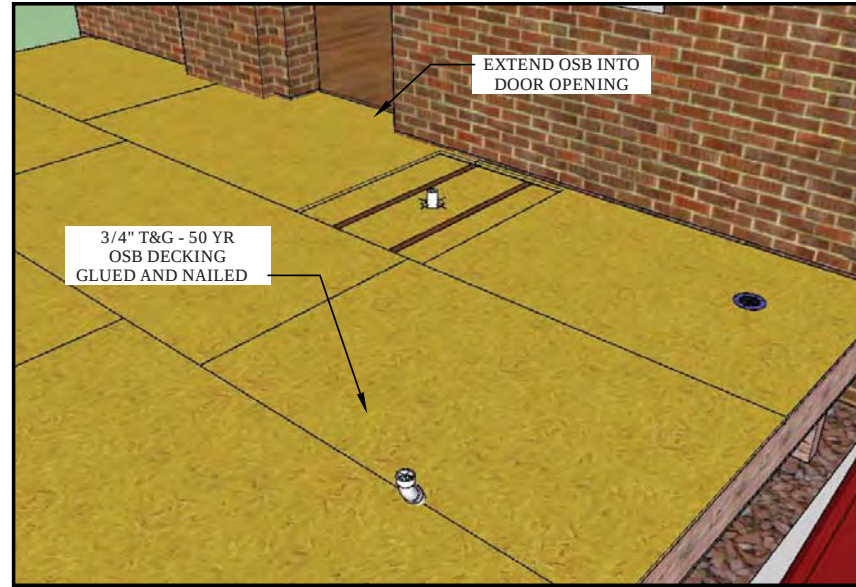
 DOVETAIL GROUP LLC DESIGN • BUILD • RENOVATE • RESTORE	PROJECT: TITLE: 990 W STRASBURG RD WEST CHESTER PA 19382 PH: 484.639.2776 INFO@DOVETAILGROUPLLC.COM	PROJECT: TITLE: ORTHO VIEW OF I-JOISTS INSTALLED IN LVL BEAMS	SCALE: AS NOTED	DWG #:
			DRAWN BY: JBS	4A
			PROJECT #:	
			PRINTED: Dec 24, 2017	



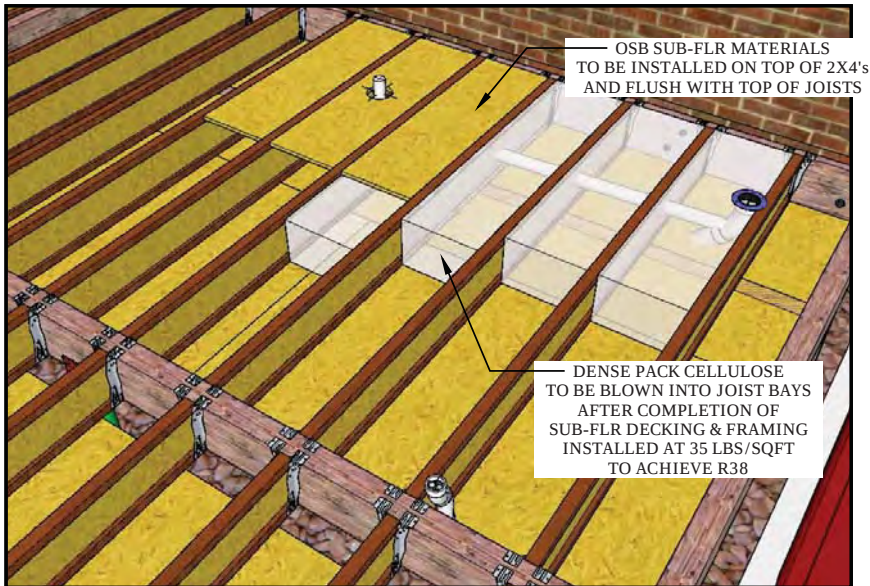
 DOVETAIL GROUP LLC DESIGN • BUILD • RENOVATE • RESTORE	PROJECT: 990 W STRASBURG RD WEST CHESTER PA 19382 PH: 484.639.2776 INFO@DOVETAILGROUPLLC.COM		SCALE: AS NOTED	DWG #:
	TITLE: ORTHO VIEW OF UNDERSIDE DECKING		DRAWN BY: JBS	4B
			PROJECT #:	
			PRINTED: Dec 24, 2017	



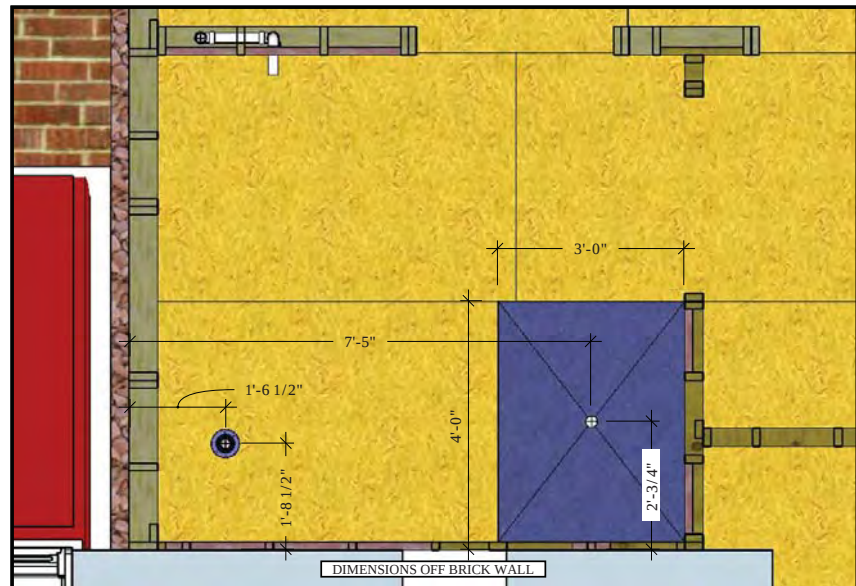
1 SHOWER PAN BLOCKING
Scale: NTS



3 OSB DECKING
Scale: NTS

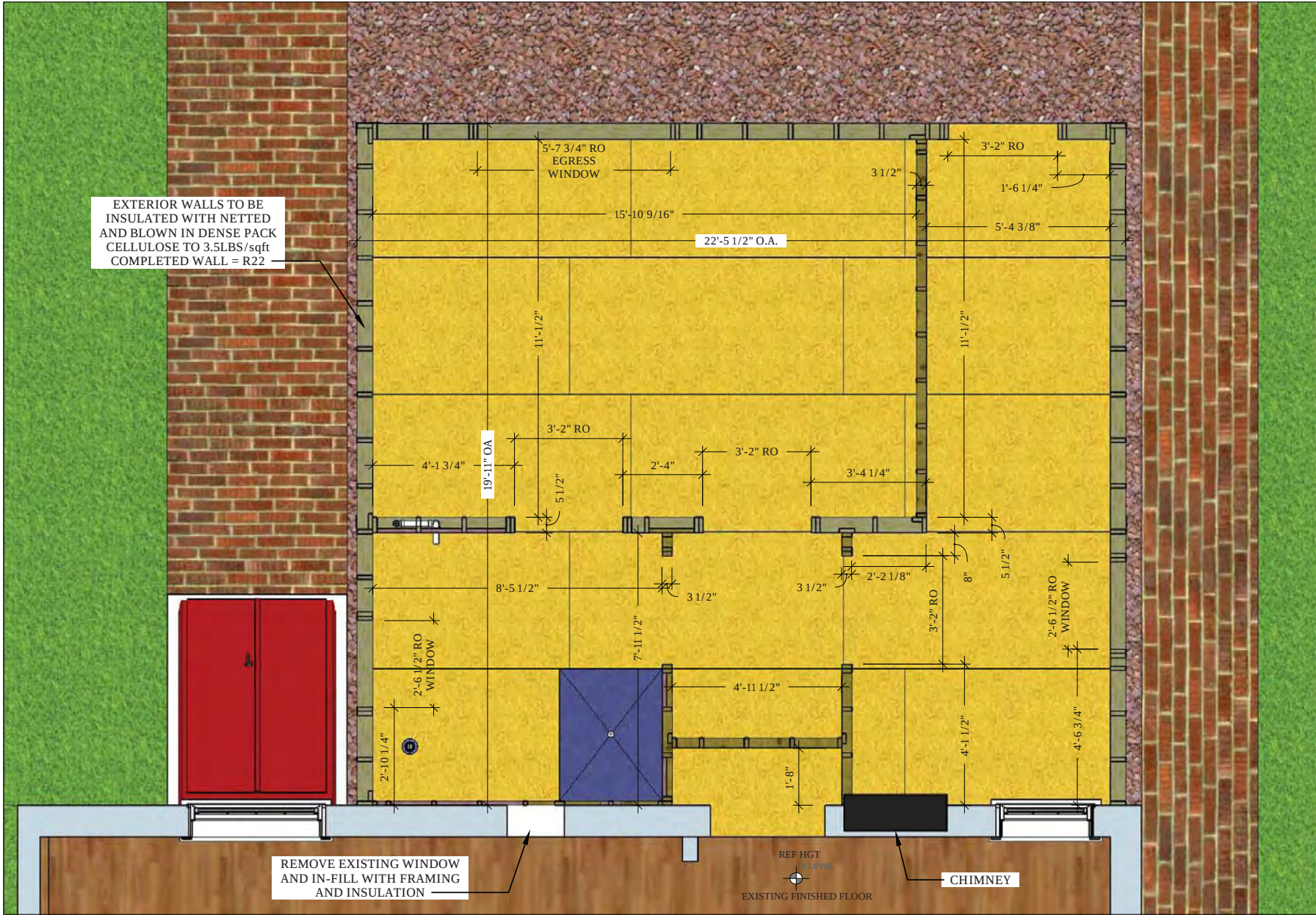


2 DECK ASSY INSULATION
Scale: NTS

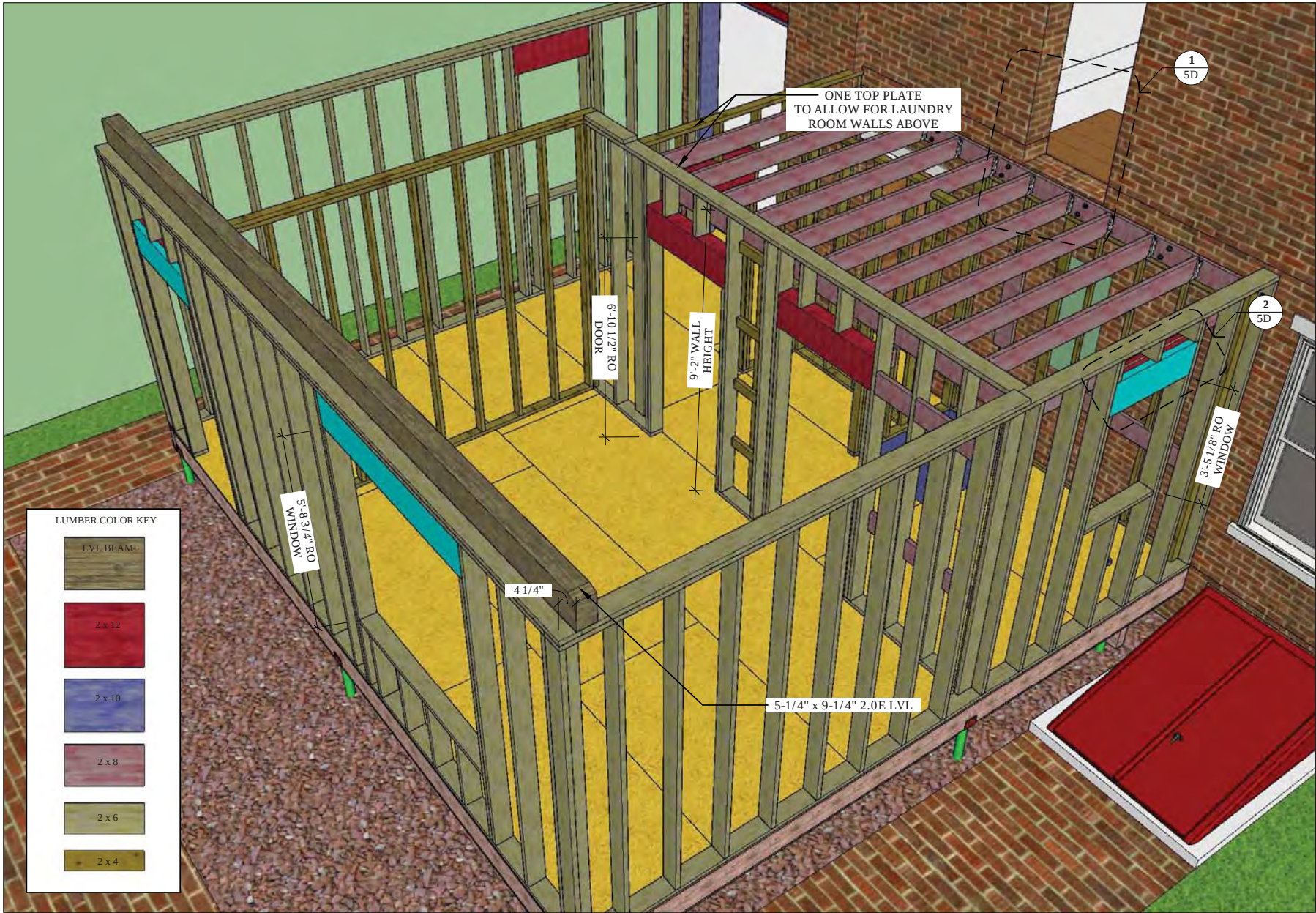


4 PVC PIPING & SHWR PAN LAYOUT
Scale: NTS

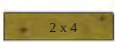
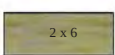
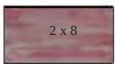
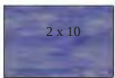
4C	DWG #:
	SCALE: AS NOTED
	DRAWN BY: JBS
	PROJECT #:
DETAILS OF DECK ASSEMBLY	
PROJECT: 990 W STRASBURG RD WEST CHESTER PA 19382 PH: 484.639.2776 INFO@DOVETAILGROUPPLLC.COM DESIGN-BUILD-RENOVATE-RESTORE	
PRINTED: Dec 24, 2017	



 DOVETAIL GROUP LLC 990 W STRASBURG RD WEST CHESTER PA 19382 PH: 484.639.2776 INFO@DOVETAILGROUPLLC.COM DESIGN•BUILD•RENOVATE•RESTORE	PROJECT:	1ST FLR FRAMING PLAN	DWG #:	5A
	TITLE:		SCALE: 3/8" = 1'-0"	
			DRAWN BY: JBS	
			PROJECT #:	
			PRINTED:	Dec 24, 2017



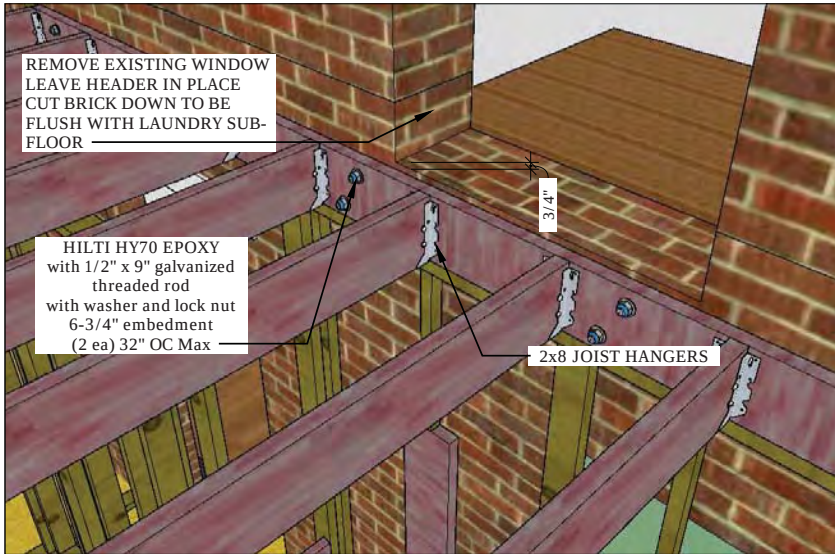
LUMBER COLOR KEY



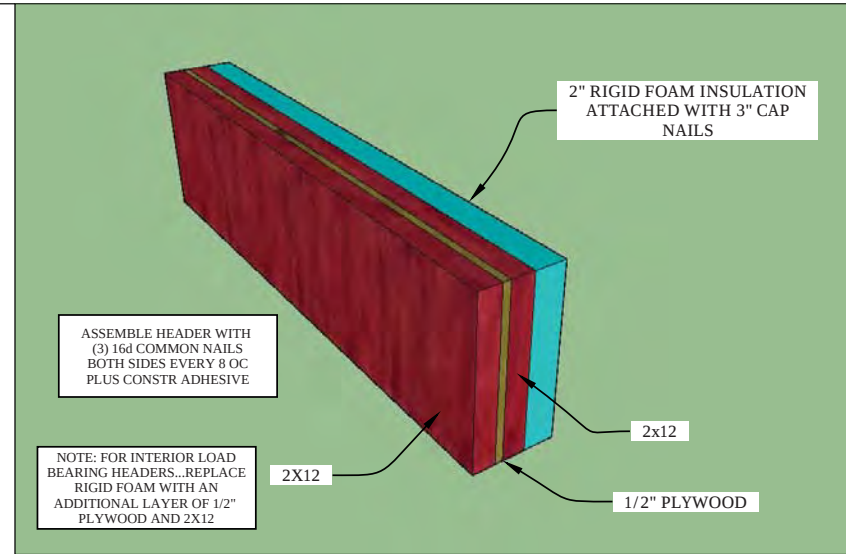
DOVETAIL GROUP LLC DESIGN • BUILD • RENOVATE • RESTORE	PROJECT:	SCALE: NTS	DWG #:
	990 W STRASBURG RD WEST CHESTER PA 19382 PH: 484.639.2776 INFO@DOVETAILGROUPLLC.COM	DRAWN BY: JBS	5B
	TITLE:	PROJECT #:	
	1ST FLR FRAMING ORTHO VIEW FROM RIGHT SIDE		
PRINTED: Dec 24, 2017			



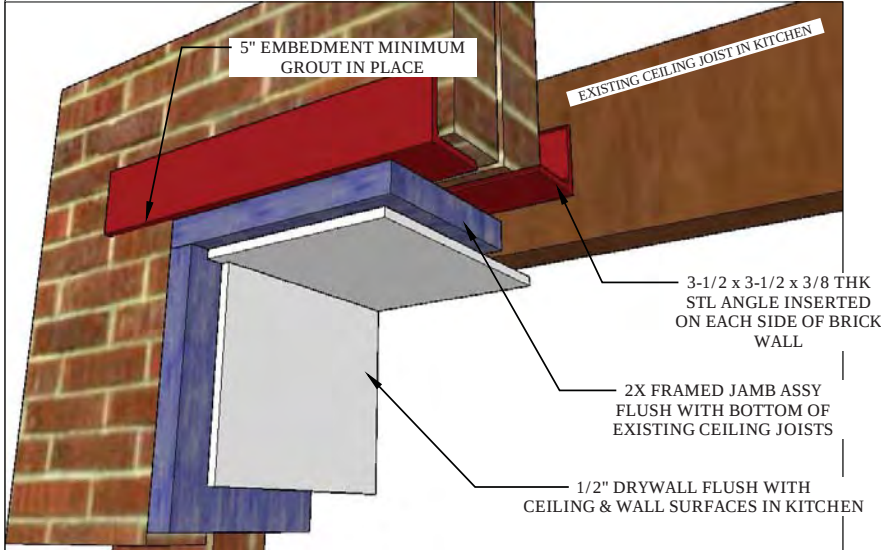
 DOVETAIL GROUP LLC DESIGN • BUILD • RENOVATE • RESTORE	990 W STRASBURG RD WEST CHESTER PA 19382 PH: 484.639.2776 INFO@DOVETAILGROUPLLC.COM		PROJECT:	1ST FLR FRAMING ORTHO VIEW FROM LEFT SIDE	SCALE: NTS	DWG #:
	TITLE:		DRAWN BY: JBS	PROJECT #:	5C	
	PRINTED:		Dec 24, 2017	PRINTED:	Dec 24, 2017	
	990 W STRASBURG RD WEST CHESTER PA 19382 PH: 484.639.2776 INFO@DOVETAILGROUPLLC.COM		PROJECT:	1ST FLR FRAMING ORTHO VIEW FROM LEFT SIDE	SCALE: NTS	DWG #:



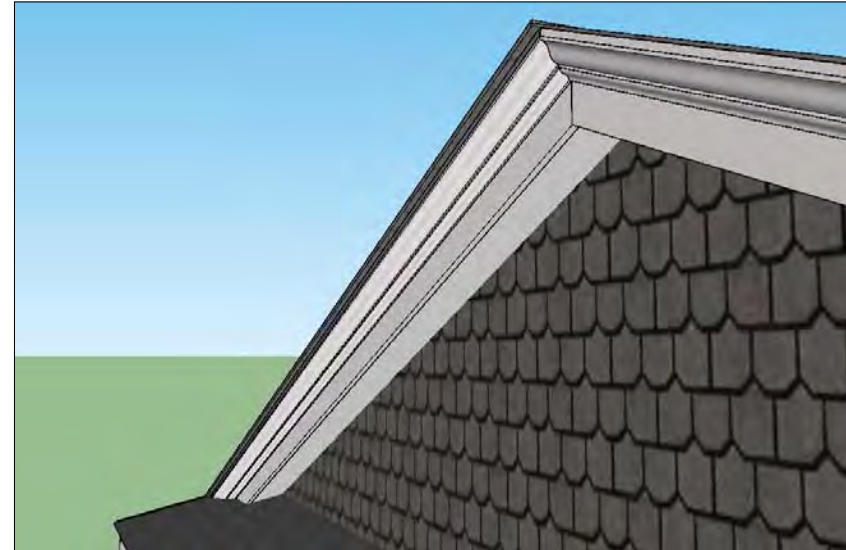
1 LAUNDRY FLOOR & DOOR OPENING
Scale: NTS



2 TYPICAL EXTERIOR WALL HEADER
Scale: NTS

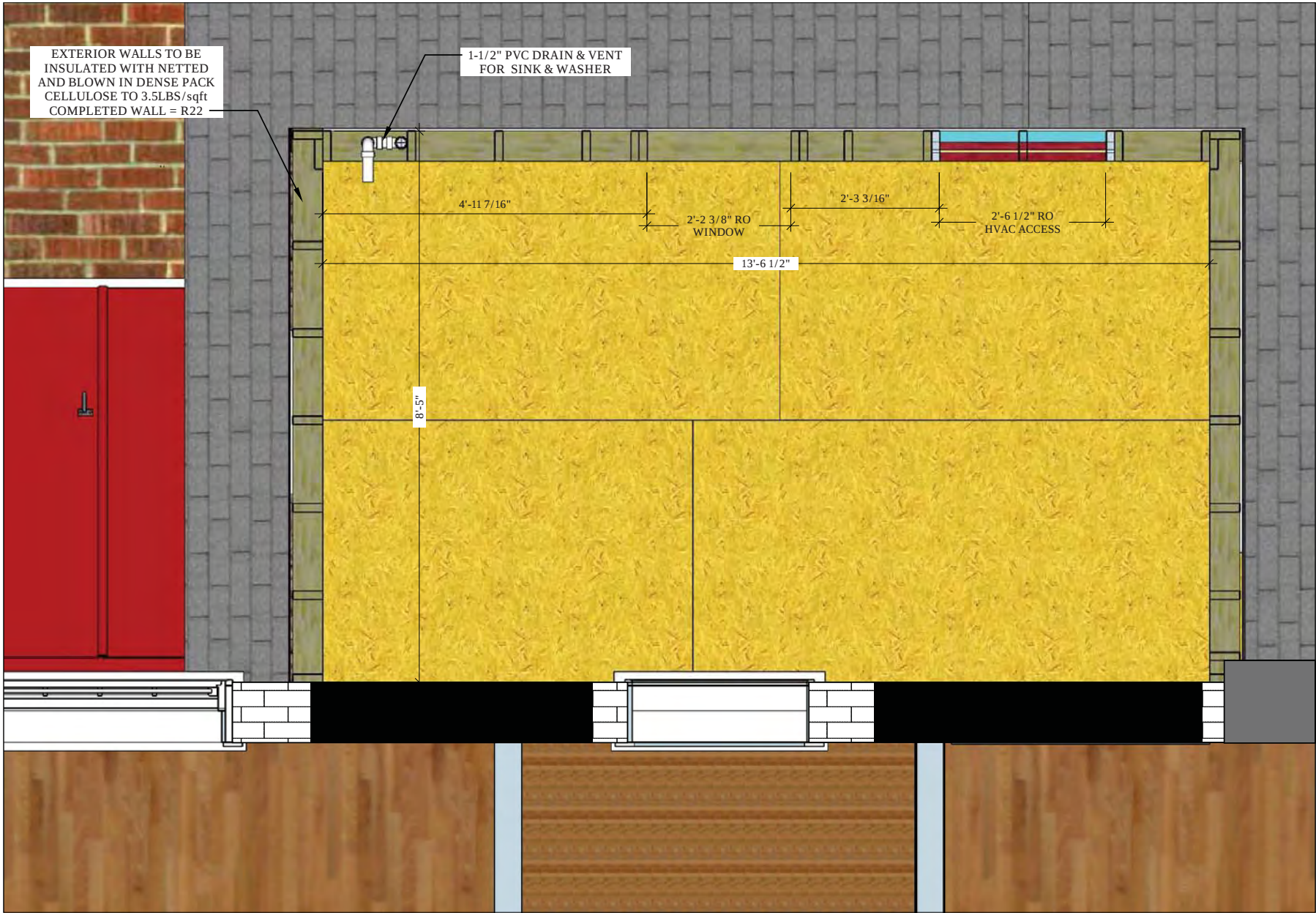


3 STEEL HEADER @ OPENING TO KITCHEN
Scale: NTS



4 PENT CROWN & EAVE DETAIL
Scale: NTS

DOVETAIL GROUP LLC 990 W STRASBURG RD WEST CHESTER PA 19382 PH: 484.639.2776 INFO@DOVETAILGROUPLLC.COM DESIGN•BUILD•RENOVATE•RESTORE	DWG #:	5D		
	SCALE: AS NOTED	DRAWN BY: JBS	PROJECT #:	PRINTED: Dec 24, 2017
	1ST FLR FRAMING DETAILS			
	PROJECT:	TITLE:		



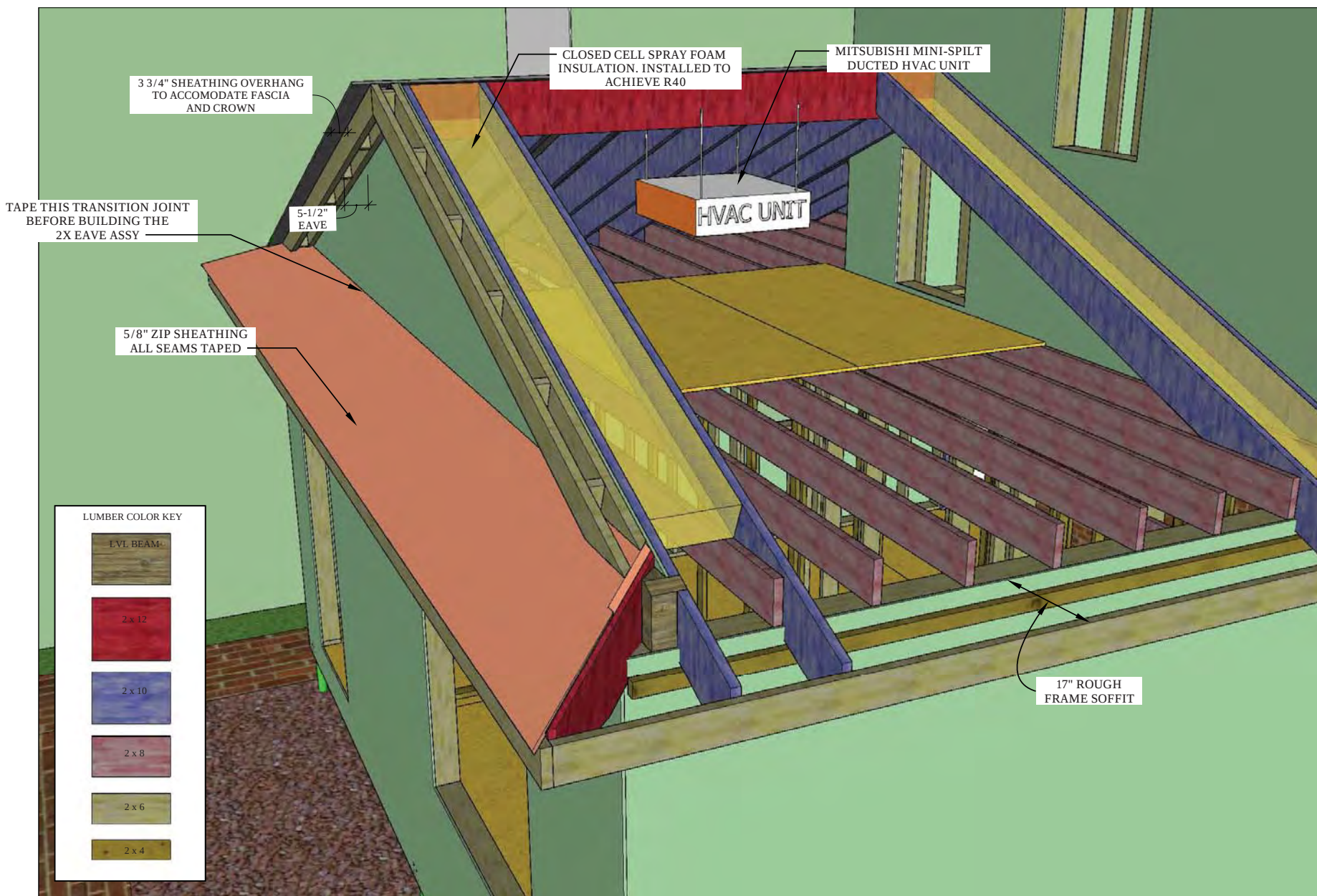
 DOVETAIL GROUP LLC DESIGN • BUILD • RENOVATE • RESTORE	PROJECT: 990 W STRASBURG RD WEST CHESTER PA 19382 PH: 484.639.2776 INFO@DOVETAILGROUPLLC.COM		DWG #: 5E	
	TITLE: 2ND FLR LAUNDRY WALLS FRAMING ORTHO VIEW FROM RIGHT SIDE		SCALE: 3/8" = 1'-0"	
	DRAWN BY: JBS			
	PROJECT #:			PRINTED: Dec 24, 2017



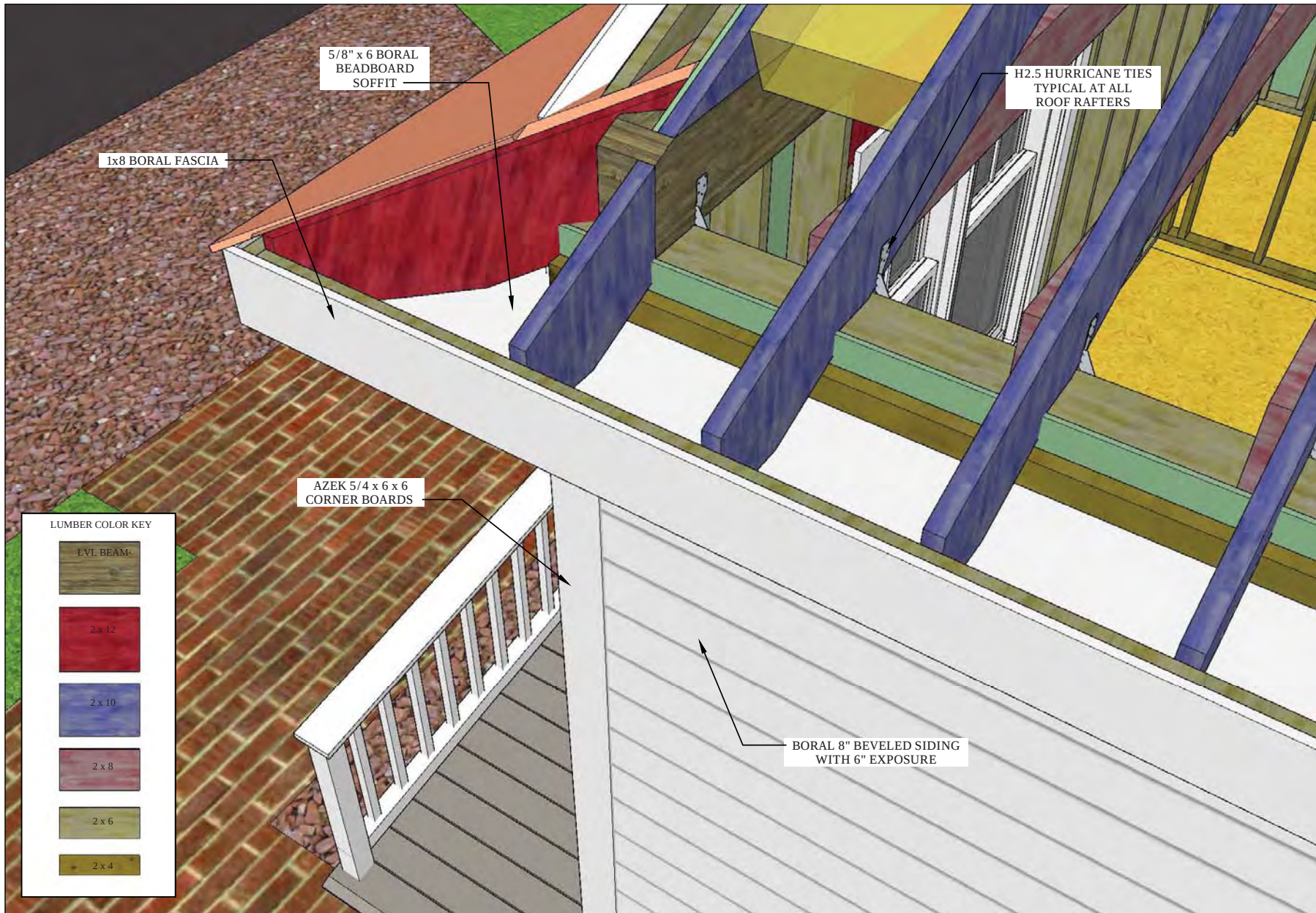
 DOVETAIL GROUP LLC DESIGN • BUILD • RENOVATE • RESTORE	990 W STRASBURG RD WEST CHESTER PA 19382 PH: 484.639.2776 INFO@DOVETAILGROUPLLC.COM		PROJECT: 2ND FLR LAUNDRY WALLS FRAMING ORTHO VIEW FROM RIGHT SIDE	SCALE: NTS DRAWN BY: JBS PROJECT #: PRINTED: Dec 24, 2017	DWG #: 5F
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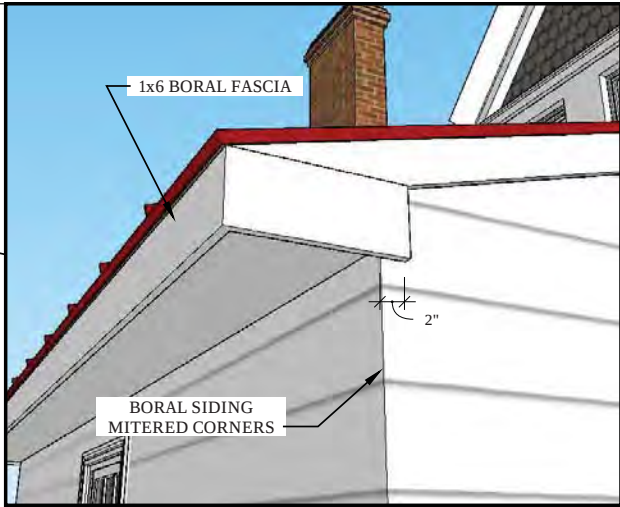
DOVETAIL GROUP LLC DESIGN • BUILD • RENOVATE • RESTORE	PROJECT:		SCALE: NTS	DWG #:
	TITLE:		DRAWN BY: JBS	
	990 W STRASBURG RD WEST CHESTER PA 19382 PH: 484.639.2776 INFO@DOVETAILGROUPLLC.COM		PROJECT #:	
			PRINTED:	Dec 24, 2017
ROOF FRAMING AND WALL SHEATHING				
5G				



PROJECT:		SCALE: NTS	DWG #:
990 W STRASBURG RD WEST CHESTER PA 19382 PH: 484.639.2776 INFO@DOVETAILGROUP.LLC.COM		DRAWN BY: JBS	5H
TITLE:		PROJECT #:	
DESIGN • BUILD • RENOVATE • RESTORE		PRINTED:	Dec 24, 2017
ROOF FRAMING DETAILS			



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	SCALE: NTS DRAWN BY: JBS PROJECT #:	PROJECT #: PRINTED: Dec 24, 2017
	ROOF FRAMING DETAILS	
	PROJECT:	TITLE:



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	TITLE:	DRAWN BY: JBS	5J	
	ROOF FINISH DETAILS	PROJECT #:		
		PRINTED: Dec 24, 2017		

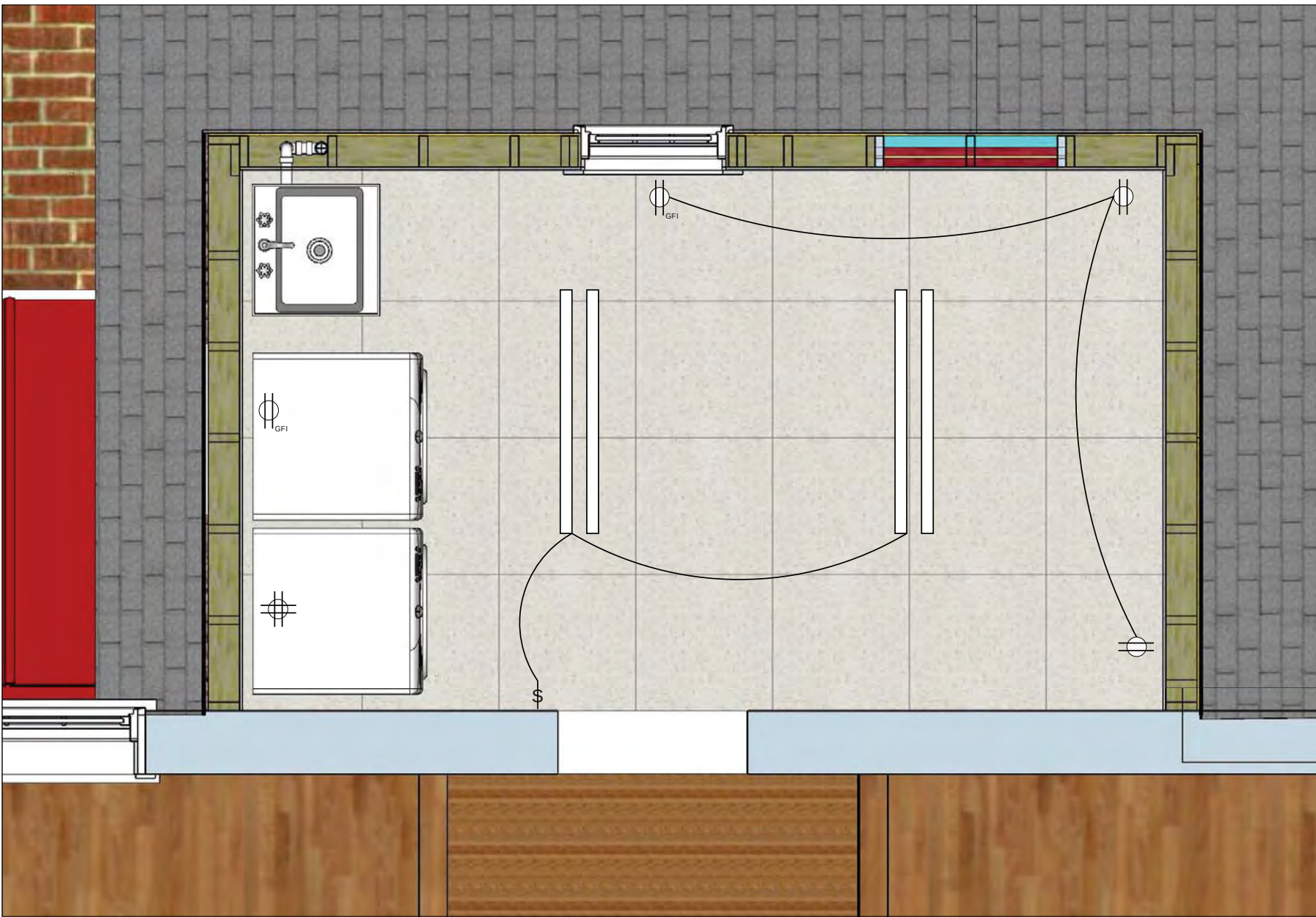


DOVETAIL GROUP LLC  DESIGN • BUILD • RENOVATE • RESTORE	PROJECT:		SCALE: NTS	DWG #:
	990 W STRASBURG RD WEST CHESTER PA 19382 PH: 484.639.2776 INFO@DOVETAILGROUPLLC.COM		DRAWN BY: JBS	6A
	TITLE:		PROJECT #:	
	1ST FLR ELECTRICAL PLAN		PRINTED: Dec 24, 2017	



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	TITLE:		DRAWN BY: JBS	
	KITCHEN ELECTRICAL PLAN		PROJECT #:	
			PRINTED:	Dec 24, 2017

6B



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			TITLE:		6C
			PROJECT #:		
			PRINTED:	Dec 24, 2017	

1.0 MATERIAL SPECIFICATIONS

ALL MATERIAL, WELDING, AND COATING SPECIFICATIONS ARE TO COMPLY WITH IBC 2012, AISC 360-10, AWS D1.1, AND LOCAL ADMINISTRATIVE CODES.

2.0 GENERAL CONDITIONS

THE CONTRACTOR SHALL CHECK ALL DIMENSIONS AND SECTIONS AND REPORT ANY DISCREPANCY TO THE ENGINEER PRIOR TO THE FABRICATION OR INSTALLATION OF STRUCTURAL MEMBERS.

LOADS ARE BASED ON IRC 2012 AS SPECIFIED BY ASCE 7-10 FOR RESIDENTIAL LOADS AT THE PROJECT LOCATION.

3.0 HELICAL PIERS

MINIMUM HELICAL PIER PLATE DEPTH IS 5 FT BELOW GRADE.

PIER TYPE: TMP P3

PLATE TYPE: $\frac{3}{8}$ "x8" MINIMUM

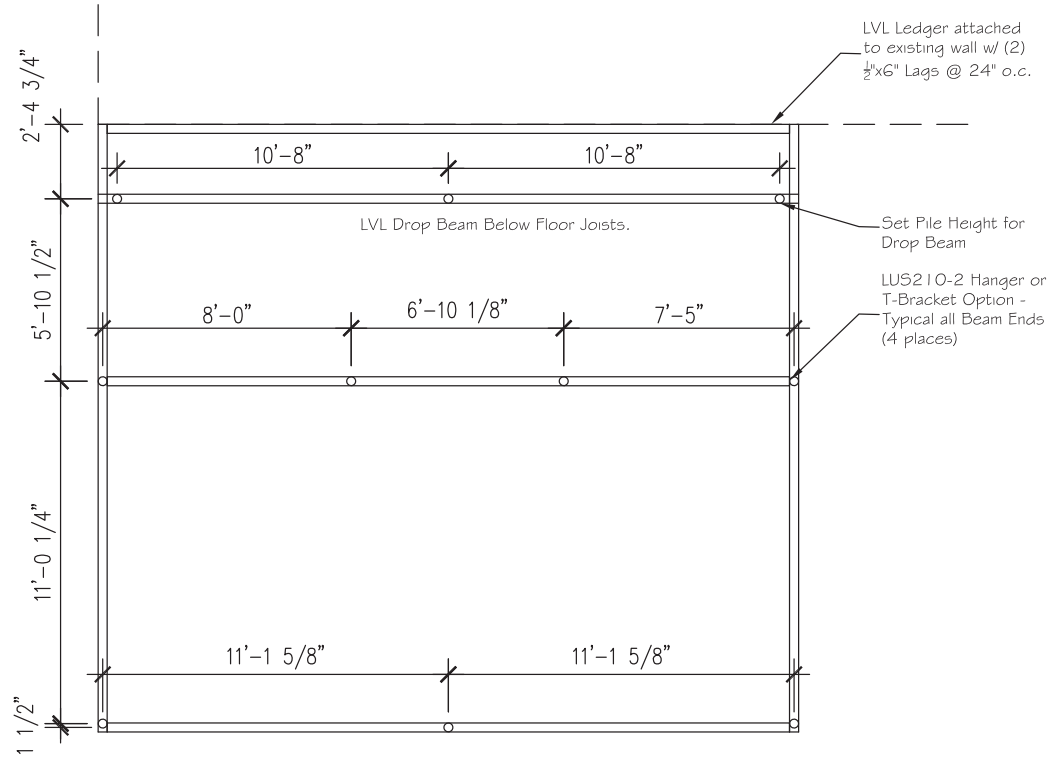
MINIMUM INSTALLATION TORQUE: 3200 FT-LBS

GALVANIZATION SHOULD BE REMOVED PRIOR TO WELDING.

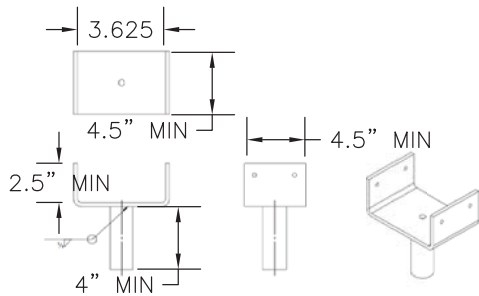
4.0 WOOD

EACH BEAM TO BRACKET CONNECTION SHALL BE A MINIMUM OF $\frac{1}{4}$ " COATED WOOD LAG SCREWS IN EACH BRACKET HOLE.

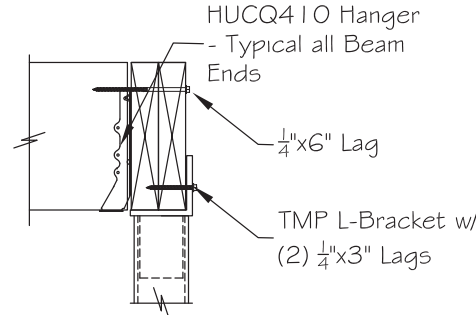
ALL BEAMS TO BE $3\frac{1}{2}$ "x9 $\frac{1}{2}$ " MICROLAM LVL



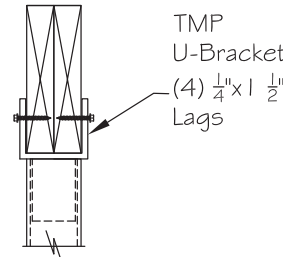
1 FOUNDATION PLAN
1.0 SCALE: 1/4":1'



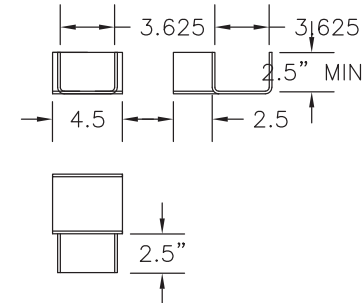
A STANDARD TMP BRACKET
1.0 SCALE: 1":1'



B EXTERIOR BEAM SUPPORT
1.0 SCALE: 1":1'



C INTERIOR BEAM SUPPORT
1.0 SCALE: 1":1'



D T-BRACKET OPTION
1.0 SCALE: 1":1'



12-11-17

Andrew P. Adams, PE
Consulting Engineer

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WASILLA, AK 99687
907-947-9303
573-586-8735 (CELL)
ANDREWPA@GCI.NET

DATE: 12/11/17	DRN: AA	CHK'D: DN	TYPE: PERMIT	Scale: NOTED
SHEET NO: S				
1.0				
REV: #1 ADJUST BEAM &				
PIER LOCATIONS				