

5/11/2022

DILP,

Regarding building permit B 2100 2354  
(6734 Whitegate Rd), which is fully approved,  
please revise it per the new drawing  
package. The changes are outlined as  
follows:

- 1) Add window features to the roof line.
- 2) Add support beams for the revised truss design.

Thank you,

*John Seylar*

John Seylar  
410-531-0001

Approved Septic System Plan  
Howard County Health Department

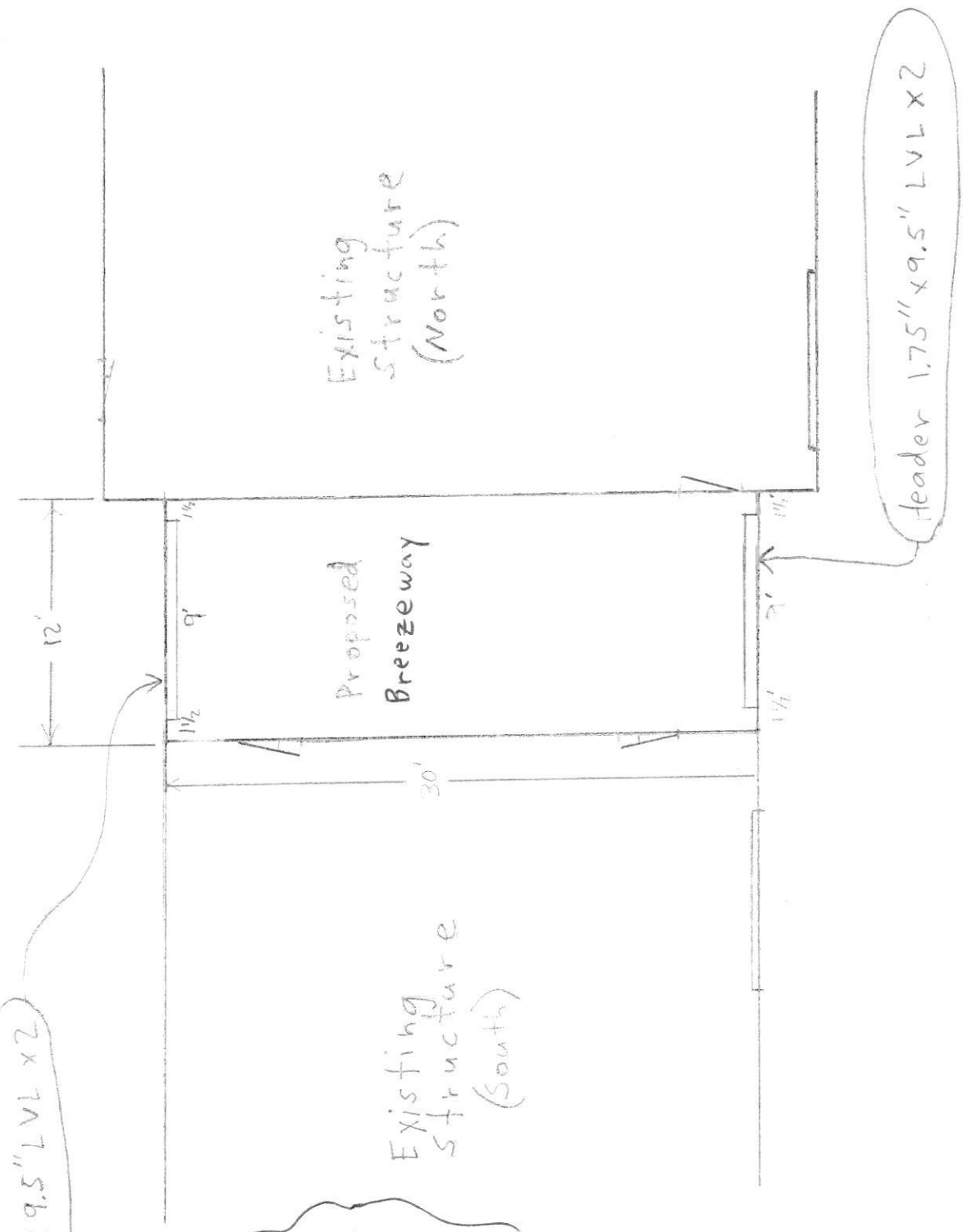
Doree Bernard 5-27-22  
Signature Date

RECEIVED

MAY 18 2022

LICENSES & PERMITS  
DIVISION

14 May 2022  
6734 Whitegates Rd.



Floor Plan

Header 1.75" x 9.5" LVL x 2

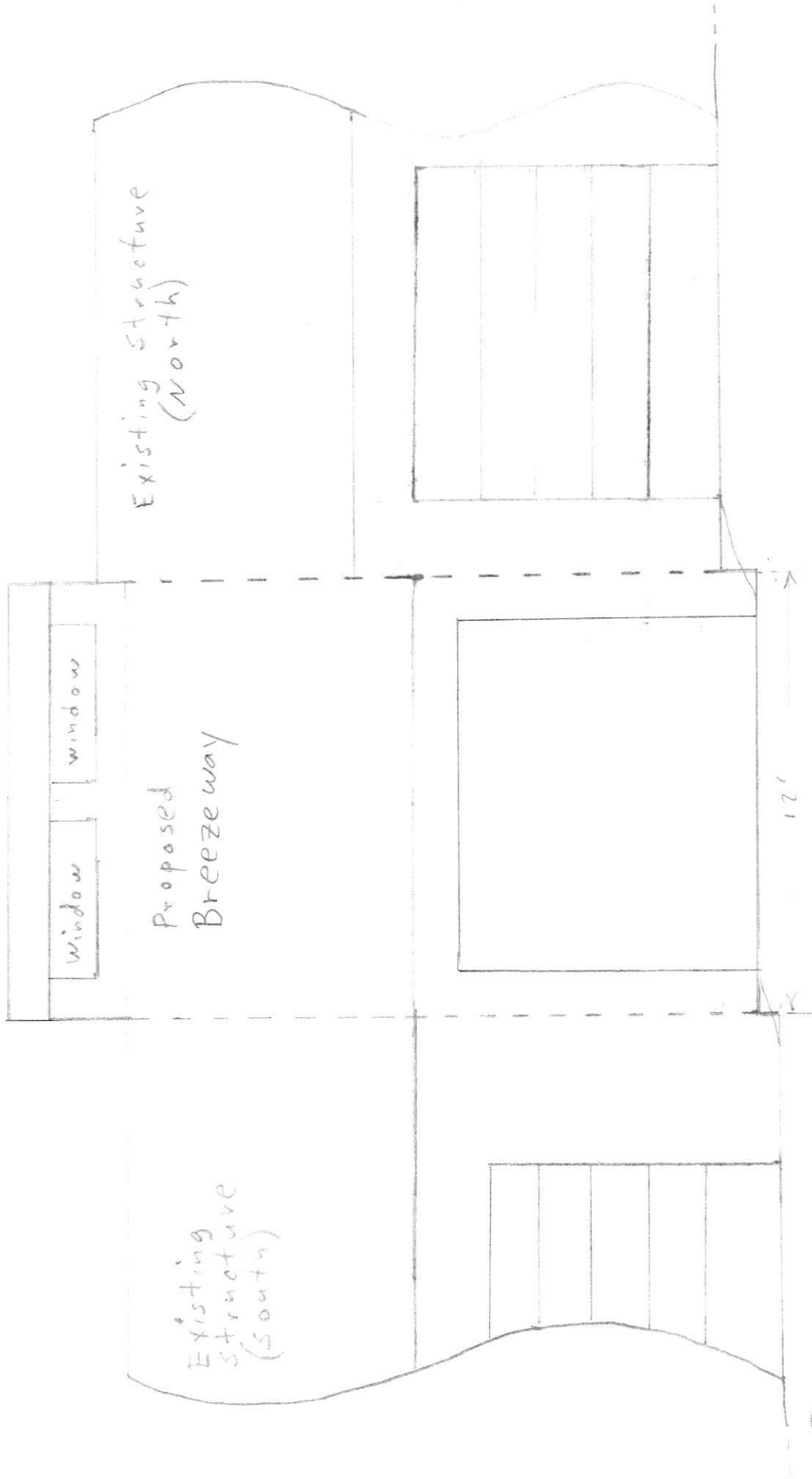
- Revisions:
- 1) Add window features to the roof line.
  - 2) Add support beams for the revised truss design.

RECEIVED

MAY 18 2022  
LICENSING DIVISION

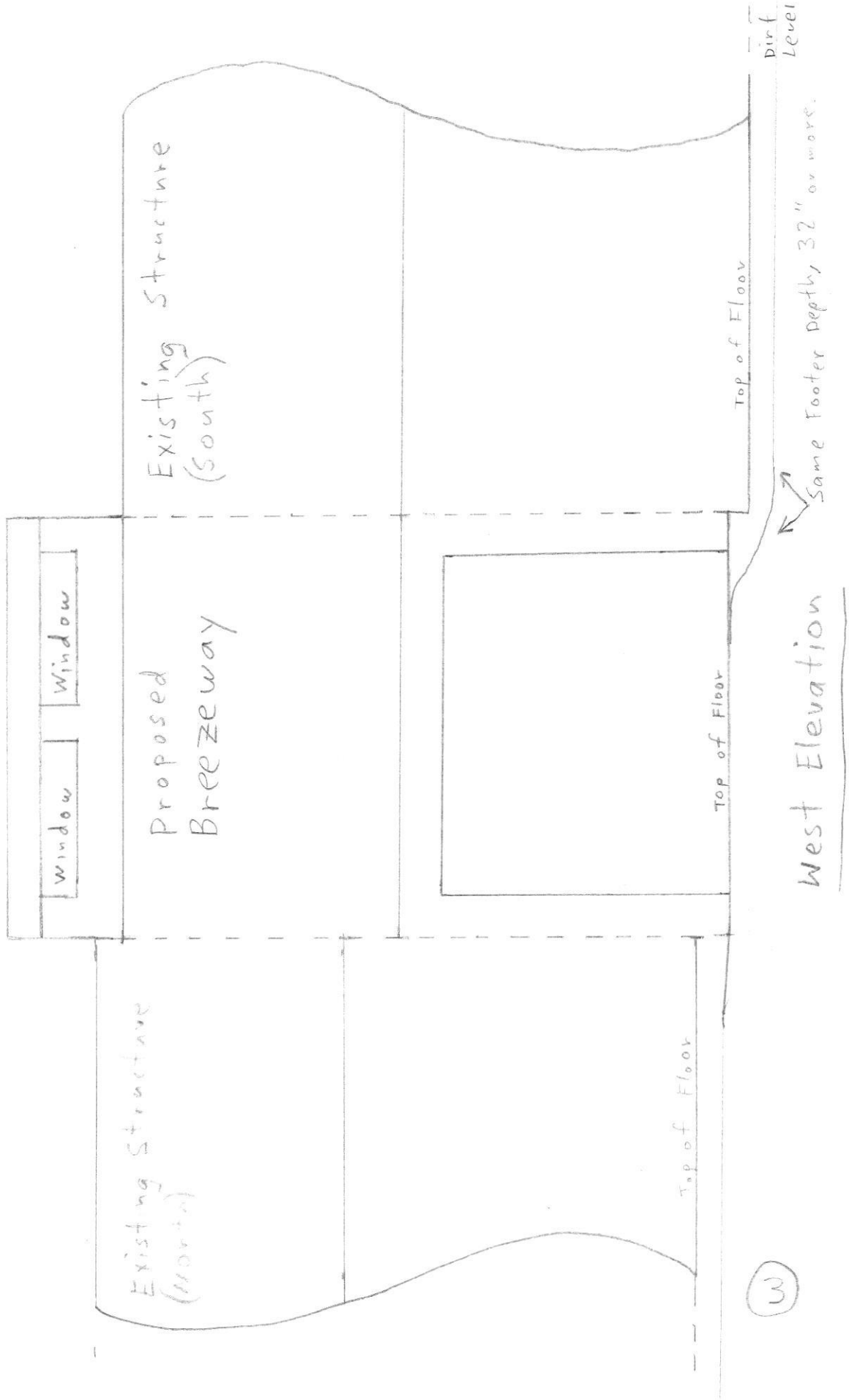


14 May 2022

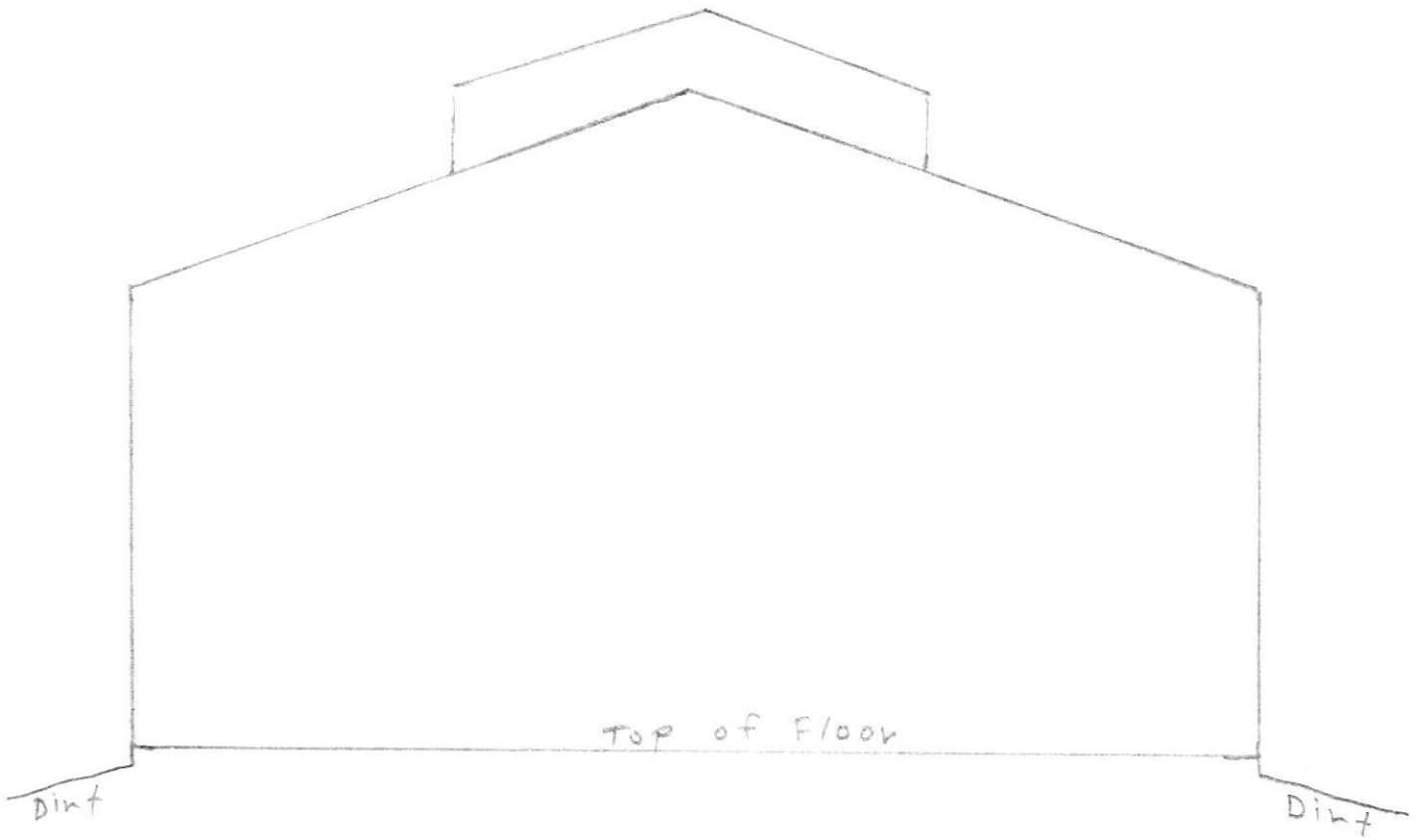


East Elevation

14 May 2022



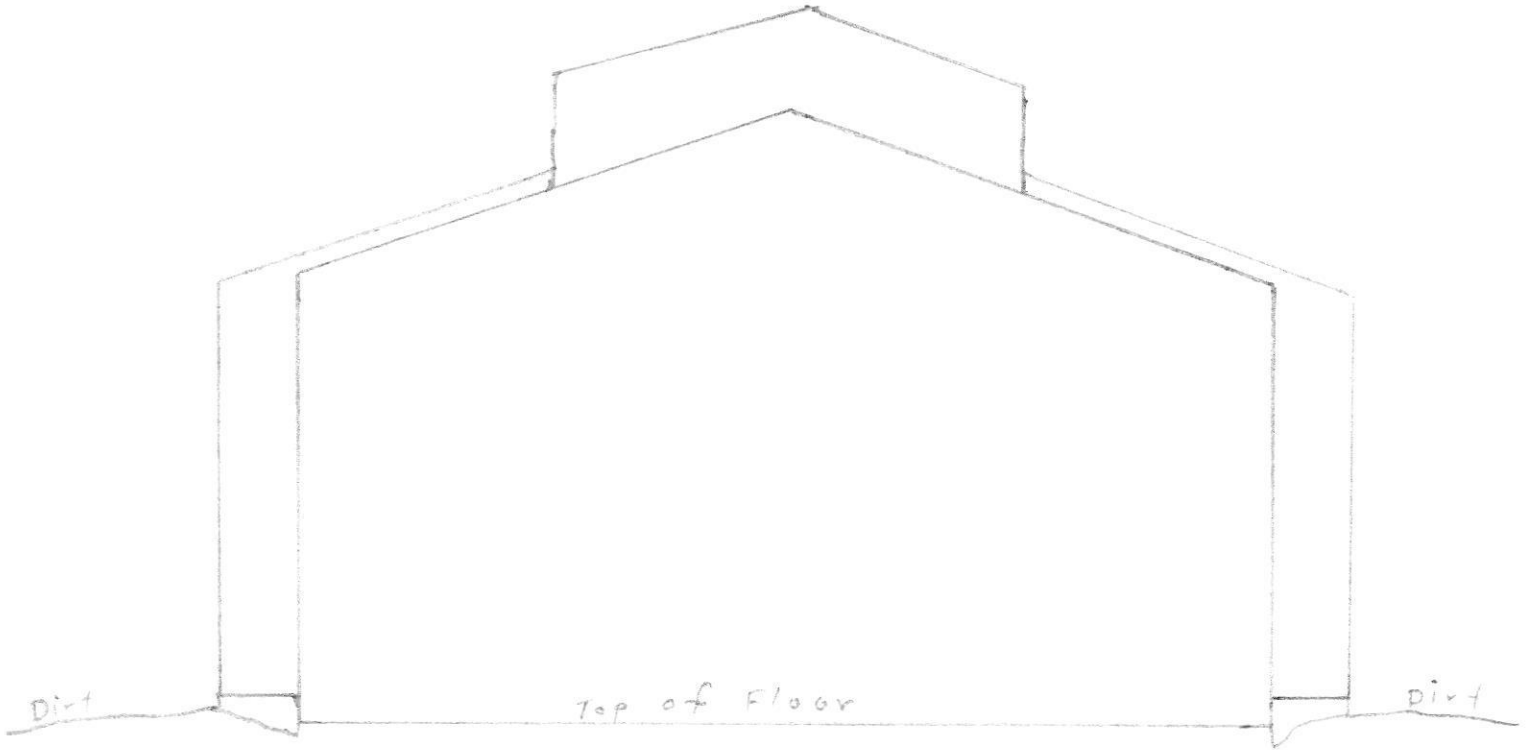
14 May 2022



North Elevation

④

14 May 2022

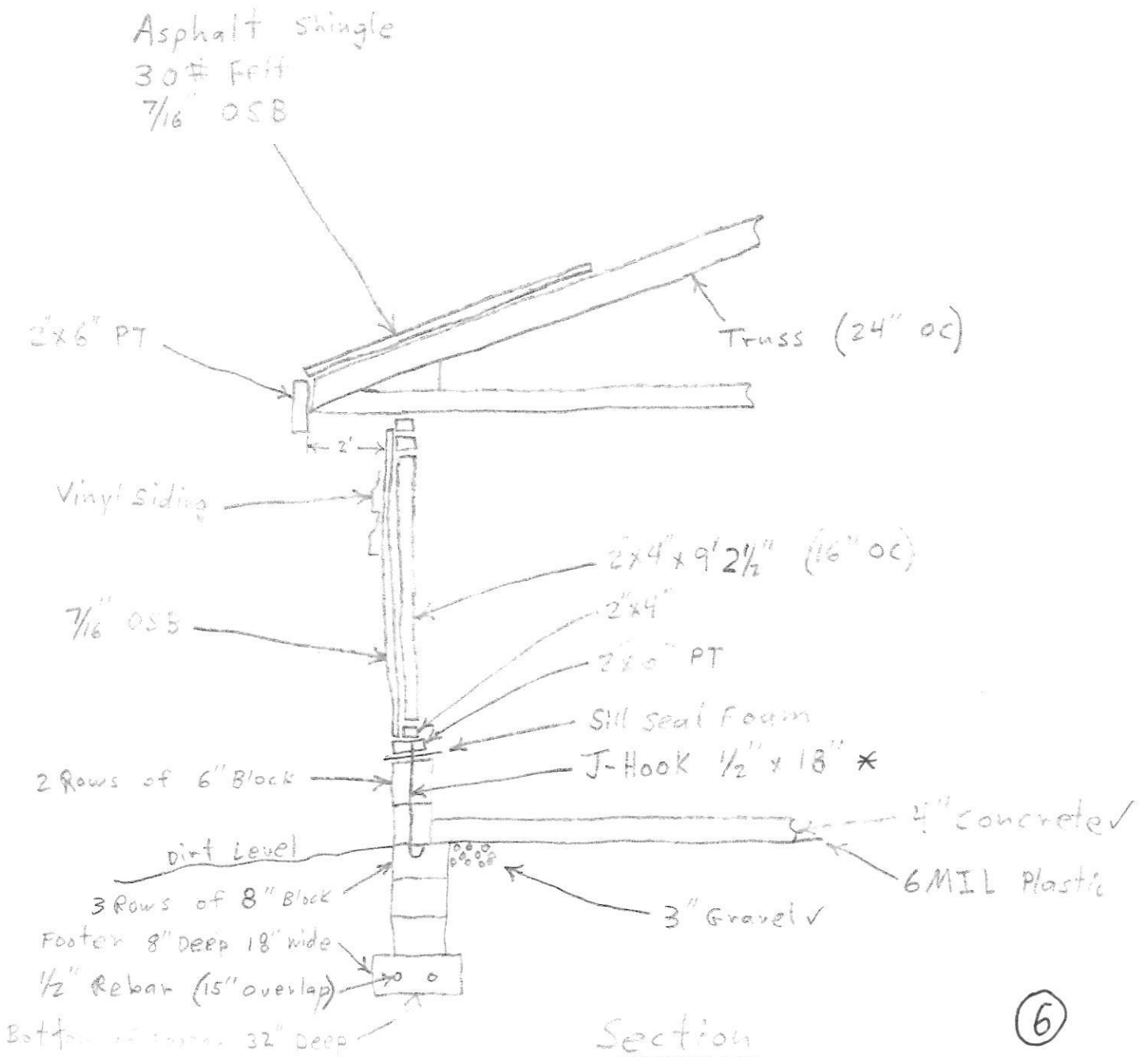


South Elevation

⑤

19 Aug 2021  
6734 Whitegate Rd

\* J-Hooks: 12" or less from corners and every 6' or less and near every end.



Top chord 2x4 SPF 2100F-1.8E  
 Bot chord 2x6 SP 2400F-2.0E BC2 2x8 SP SS Dense;  
 BC3 2x4 SPF(S) #2;  
 Webs 2x4 SPF(S) #2 W2 2x6 SP 2400F-2.0E;

Bottom chord checked for 10.00 psf non-concurrent live load.

Attic room loading from 8-5-0 to 21-7-0: Live Load: 40 PSF. Dead Load: 10 PSF Ceiling: 10 PSF, Kneewalls: 10 PSF

Truss designed for unbalanced snow load based on Pg=40.00 psf, Ct=1.10, Ce=1.00, CAT II (Is=1.00) & Pf=30.80 psf.

115 mph wind, 15.00 ft mean hgt, ASCE 7-16, CLOSED bldg. Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind loads and reactions based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

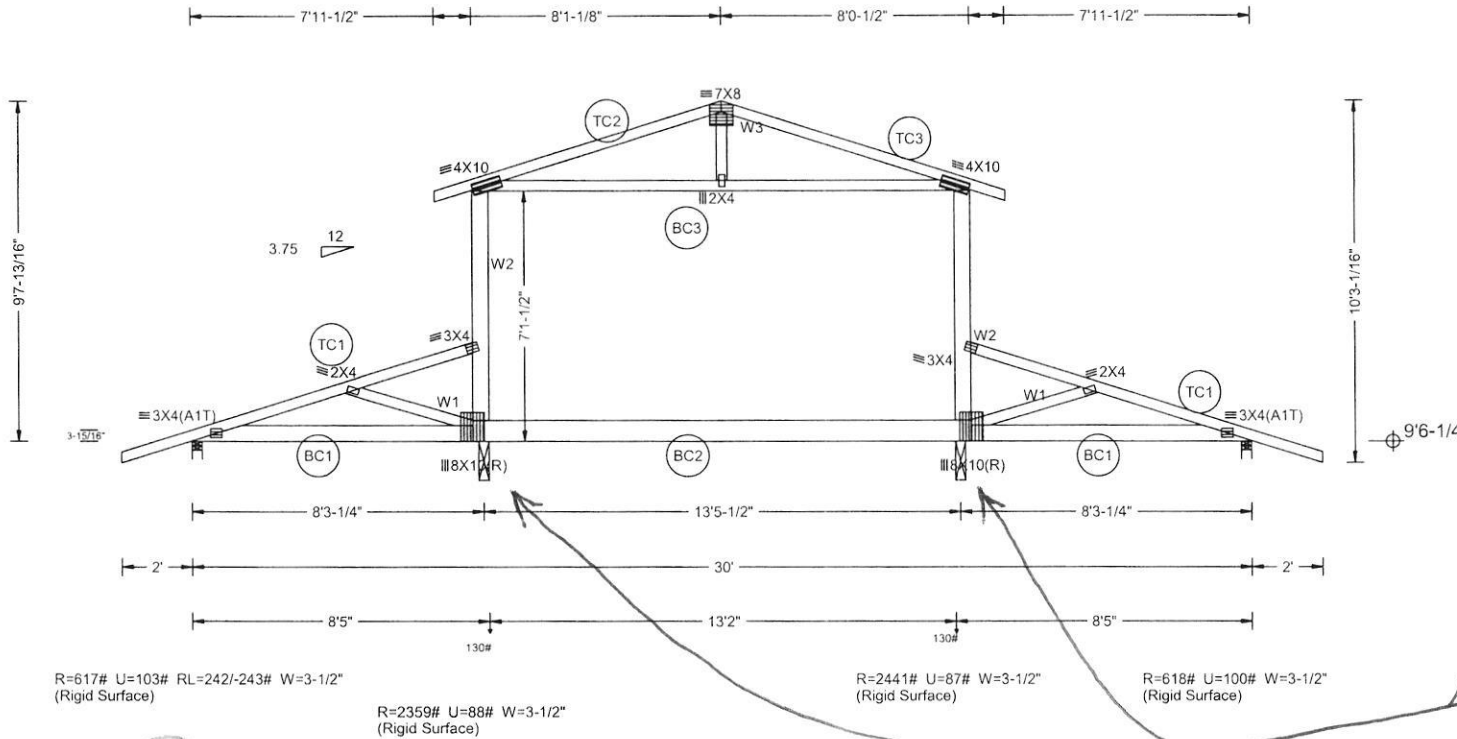
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 2.00.

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
	7.96	20.00	9.96	4.33	64.59 6.73
	22.04	20.00	9.96	4.33	64.59 6.73

Where: Lu1 = leeward distance, Lu2 = windward distance  
 Pd = max applied load, W = length of applied load.

14 May 2022



Tripple 1 3/4" x 11 7/8" LVL Beam for The Two Interior Supports.

DESC. = T-1 ATTIC  
 PLT. TYP.-WAVE

DESIGN CRIT=IRC2018/TPI-2014 FT/RT=20%(0%/) 5(0)

QTY= 7 TOTAL= 7

REV. 21.01.03A.0805.14

SEQ = 540969  
 SCALE = 0.1875



**\*\*WARNING!\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!  
 \*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.**

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.

ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.

A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.

For more information see this job's general notes page and these web sites:  
 ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

TC LL	40.0psf	REF
TC DL	10.0psf	DATE
BC DL	10.0psf	DRWG 10-29-2021
BC LL	0.0psf	JS
TOT.LD.	60.0psf	O/A LEN. 30
DUR.FAC.	1.15	JOB #: 21JFS5139
SPACING	24.0"	TYPE COMN

19 Aug 2021

## Braced Wall Panels

N/A because it is a breezeway.

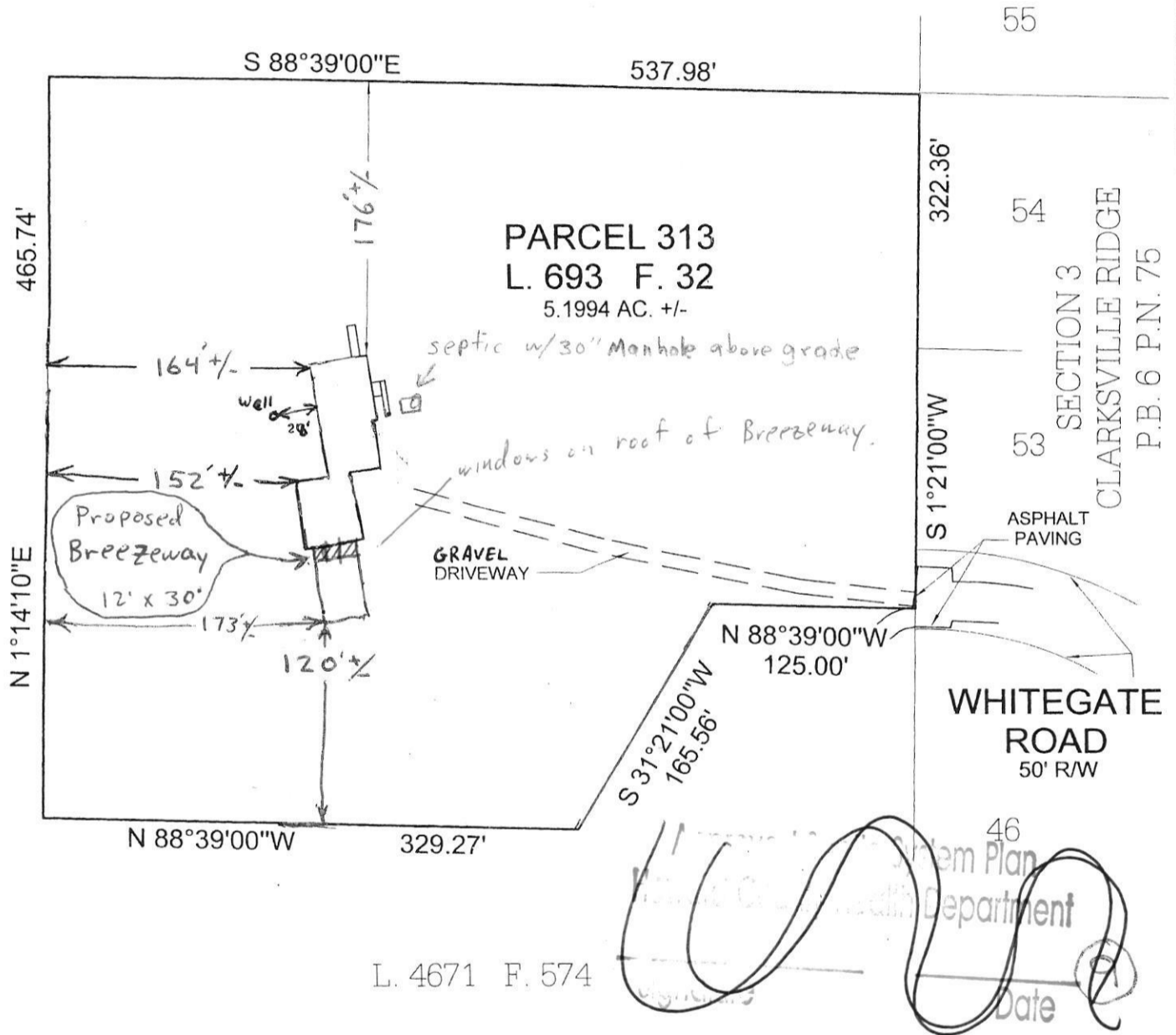
19 Aug 2021  
SEYLAR  
6734 Whitegate Rd



Approved Septic System Plan  
Howard County Health Department

*Dana Bernud* 5-23-22  
Signature DETAIL Date  
1" = 40'

B21002354



Notes:

1. This plat is a benefit to the consumer only insofar as it is required by a lender or a title insurance company or its agents in connection with contemplated transfer, financing or refinancing purposes. This plat is not to be relied upon for the establishment or location of fences, garages, buildings or other existing or future structures. This plat does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or for securing financing or refinancing.
2. The +/- setback accuracy is 1 foot.
3. This lot appears to lie in zone c as shown on the F.E.M.A. Flood Hazard Map 240044-0033-B as revised December 4, 1986.
4. Deed plotting only.

LOCATION SURVEY  
6734 WHITEGATE ROAD  
PARCEL 313, TAX MAP 35  
LIBER 693 FOLIO 32  
ELECTION DISTRICT NO. 5  
HOWARD COUNTY, MARYLAND

CERTIFICATION

I HEREBY CERTIFY THAT THE POSITION OF ALL THE EXISTING IMPROVEMENTS ON THE ABOVE DESCRIBED PROPERTY HAS BEEN CAREFULLY ESTABLISHED BY A TRANSIT-TAPE SURVEY AND THAT UNLESS OTHERWISE SHOWN, THERE ARE NO ENCROACHMENTS.

*Michael D. Adcock*  
MICHAEL D. ADCOCK, PROFESSIONAL  
LAND SURVEYOR, MARYLAND NO. 21257

OFFICE OF  
SILL, ADCOCK & ASSOCIATES, LLC  
3300 NORTH RIDGE ROAD SUITE 160  
ELLCOTT CITY, MARYLAND 21043  
PHONE: 443-325-7682 FAX: 443-325-7685  
SCALE: 1" = 100'

REFERENCE:  
L. 693 F. 32

DATE:  
8-10-06

FILE NO.:  
06-023-001