

Approved
MRE 6/5/25

Record Detail * (This section is required.)

Permit Type	Permit Number	Opened Date
Building/Residential/Garage/Detached	B25001548	04/22/2025
Description of Work		
SFD/ CONSTRUCT (2) STROY 24' X 30' POLE BARN WITH 8' X 30' PORCH, 2 STORY, Post & Pier, 0R, 0FB, 0HB, 0FP, OTHER STRUCTURE = None, 0BR, PORCH/DECK = N/A, ENERGY METHOD = N/A,		

Online BP.

JA 5/24/25

[check spelling](#)

Address * (This section is required.)

Search Reset Clear Get Parcel & Owner

Street #	Street Name	Street Type
3881	WHITEBROOK	LN
Unit Type	Unit #	X Coordinate
--Select--		-76.88058
		Y Coordinate
		39.26469
City	State	Zip Code
ELLCOTT CITY	MD	21042
		Primary
		Yes

Parcel * (This section is required.)

Search Reset Clear Get Address & Owner

GIS ID *	Parcel	Parcel Area	Land Value	Improved Value	Exemption Value	Plan Area
11062263	0148	0	0	0	0	RURAL
Legal Description						

[check spelling](#)

Block	Lot	Census Tract	Council Dist	Inspection Dist	Supervisor Dist	Map #	DAP Zone
18	A	602303	5				
Plan Area	State Tax Id	Subdivision Name					
		Ziegler Property					
Section	Area	Tax Map					
		23					
Grid	Zoning District	ADC Map					
23-18	RC-DEO	4814-K8					
SDP No.	Final Plan No.	WP File No.					
	ECP-20-039						
Record Plat No.	WS Contract No.	FDP No.	Primary				
26219-2622			Yes				
Owner Occupied	Year Built	Historic District					
<input type="radio"/> Yes <input type="radio"/> No		<input checked="" type="radio"/> Yes <input type="radio"/> No					
Historic District Registry No.	Stat Area	Flood Plain					
	2-08B	<input type="radio"/> Yes <input checked="" type="radio"/> No					
Building No							

Owner (This section is not required.)

Search Reset Clear

Name *
Josh G

Address Line 1
3881 Whitebrook Lane

Address Line 2

Address Line 3

Mail City
Ellicott City

Mail State
MD

Mail Zip Code
21042

Phone
5702202174

Primary
Yes

E-mail

Cell Number Fax Number

Professionals (This section is not required.)

License # * 08010092418
 License Type * MHIC Ind
 Primary Yes

Business Name HOLLER CONTRACTING LLC
 First Name TERRY Middle Name Last Name HOLLER
 Address Line 1 14810 BLACK ANKLE RD
 Address Line 2
 City MOUNT AIRY State MD ZIP Code 21771-0000
 Phone 1 3018988780 Phone 2 Fax 3018988781
 E-mail TERRYHOLLER@AOL.COM

Applicant (This section is not required.)

Search As Owner As Lic. Prof As Contact

Type * Applicant
 Relationship Applicant
 Primary No

First Name Terry MI Last Name Holler
 Full Name Terry Holler
 Organization Name Holler Contracting
 Street Address 10617 Powell Rd
 Address Line 2
 City Thurmont State MD Zip Code 21788
 Phone 3018988780 Cell 3017489836 Fax 3018988781
 E-mail * hollercontracting@aol.com

Contact (This section is not required.)

Search As Owner As Lic. Prof As Contact

Type Contact
 Relationship Applicant
 Primary Yes

First Name Terry MI Last Name Holler
 Full Name Terry Holler
 Organization Name Holler Contracting
 Street Address 10617 Powell Rd
 Address Line 2
 City Thurmont State MD Zip Code 21788
 Phone 3018988780 Cell 3017489836 Fax 3018988781
 E-mail ZAK.HOLLERCONTRACTING@GMAIL.COM

Addtl Info

Est Construction Cost * 66000
 Housing Units * 0
 Number of Buildings * 0
 Public Owned No

Construction Type 434 - Additions, Alterations and Conversions - Residential

RESIDENTIAL ADDITION INFORMATION

Capital Project-No Fee * Yes No
 Capital Project Number (Text)
 Fee Exempt * Yes No
 Roadside Tree Project Permit Yes No
 Roadside Tree Pr

No of Stories * 2 (Text) Foundation * Post & Pier Basement * N/A No of Rooms * 0 (Text) Full Baths * 0 (Number) Ha 0

Model * SFD/ CONSTRUCT (2) STROY 24' X 30' POLE BARN WITH 8' X 30' PORCH
[check spelling](#)

Other Structure * None Bedrooms * 0 (Number) Porch Deck * N/A No of Fireplaces * 0 (Number) Type of Fireplace --Select--
W & S Fees Paid Yes No Water * Private Sewage * Private Utilities * Electric Heating System * Electric Sprinkler System * None
1st Floor Width FT (Number) 1st Floor Depth FT (Number) 2nd Floor Width FT (Number) 2nd Floor Depth FT (Number) Basement Width FT (Number) Basement Depth FT (Number) Height FT (Number)
Total Square Footage * 720 SQFT (Number) Occupiable Square Footage * 0 SQFT (Number) Affordable Housing Funding * N/A Foundation Measurement (Text)
Walls (Text) Roof (Text) Change In Use Yes No Grading Permit No (Text) Senior Housing Yes No MIHU Outside Downtown Columbia Yes No
Additional Description Info Expiration Date 11/17/2025
MIHU Required Units (Num)

[check spelling](#)

GREEN INFORMATION

Goal Level --Select-- Actual Level --Select-- Leed Registration Number (Text) Date of Leed Certification

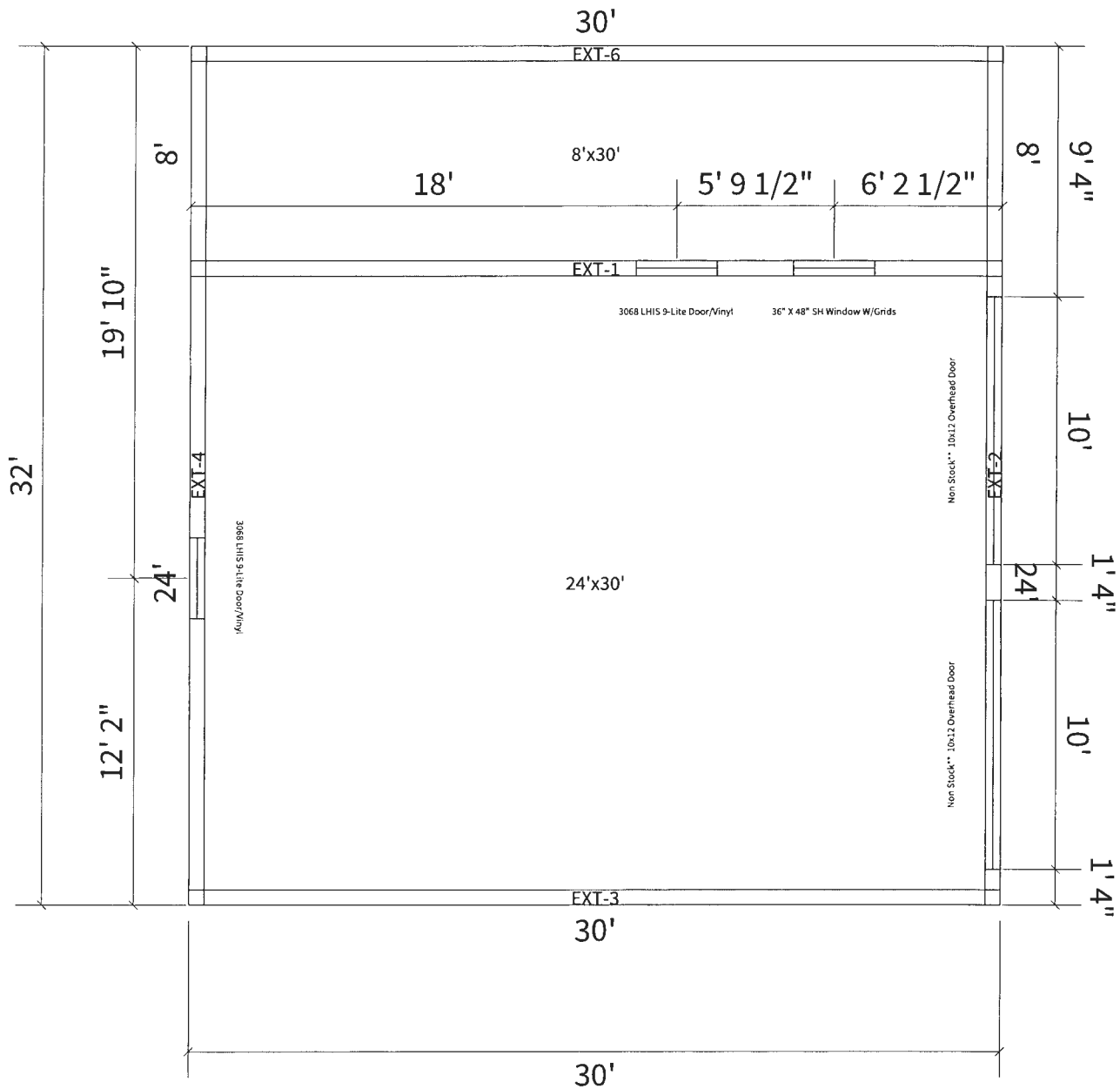
STORM WATER MANAGEMENT

Green Roofs A1 Yes No Permeable Pavements A2 Yes No Reinforced Turf A3 Yes No Disconnection of Rooftop Runoff N1 (Number)
Sheetflow to Conservation Areas N3 Yes No Rainwater Harvesting M1 (Number) Submerged Gravel Wetlands M2 (Number) Landscape Infiltrator
Dry Wells M5 (Number) Micro Bioretention M6 (Number) Rain Gardens M7 (Number) Swales M8 (Number)
PSWM Certification Received in CID on

Submit Cancel

Wall Layout

Job: Josh Glantz
Date: 4/11/2025
Time: 1:48 PM



Cross Section - EXT-1

Job: Josh Glantz
Date: 4/11/2025
Time: 1:48 PM

ROOF MATERIAL: Charcoal STD AZ50 28 Ga. ABM Panel

PURLINS: 2 x 4 SPF Lumber Flat
SUBFASCIA: 2 x 6 SPF Lumber
FASCIA: Post Trim (#10) 1.5" X 6"
SOFFIT: 12" Steel Triple Four Vented Soffit (Price Per Lin Ft.)

WALL MATERIAL: Ash Gray G100 28 Ga. ABM Panel

TOP OF WALL: F & J Channel (#12)

EXTERIOR CARRIER: 2 x 12 Southern Yellow Pine # 1

EXTERIOR WALL GIRTS: 2 x 4 SPF Lumber

CORNER POSTS:
Three Ply Glu Laminated Column 2
x 6

INTERMEDIATE POSTS:
Three Ply Glu Laminated Column 2
x 6

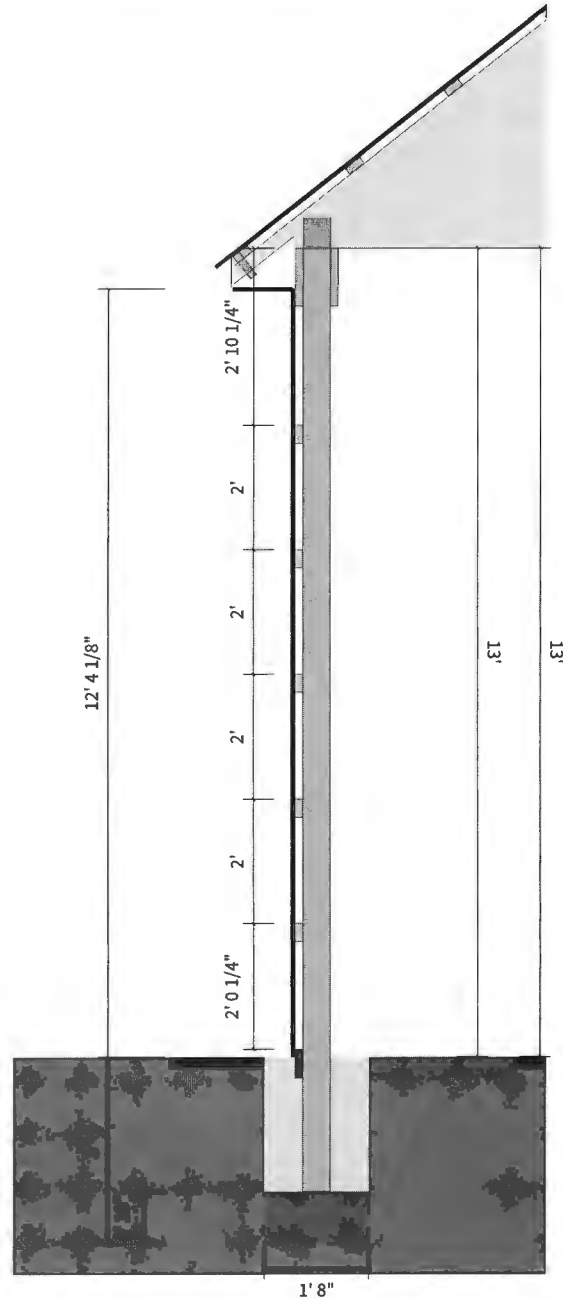
EXTERIOR SKIRT BOARD: 2 x 6 Treated .15 Ground Contact
BOTTOM IS 0' 4" BELOW GRADE

SIDING BEGINS 0' ABOVE GRADE

9.5/12 TRUSS SYSTEM
HEEL HEIGHT: 0' 6"
TRUSS SPACING: 24 IN. O. C.

BRACE PER TRUSS MANUFACTURER'S RECOMMENDATIONS
TRUSS LOADING: (none)

INTERIOR CARRIER: 2 x 12 Southern Yellow Pine # 1



SLAB DEPTH 0' 4" OFFSET 0' 4" BELOW GRADE

FOUNDATION NOTES:
POST HOLE: 3' X 1' 8" DIAMETER
UPLIFT: (none)
POST TO FOUNDATION: (none)
POST BASE: 5" X 16" Concrete Pole Pill

Cross Section - EXT-6

Job: Josh Glantz
Date: 4/11/2025
Time: 1:48 PM

ROOF MATERIAL: Charcoal STD AZ50 28 Ga. ABM Panel

PURLINS: 2 x 4 SPF Lumber Flat
SUBFASCIA: 2 x 6 SPF Lumber
FASCIA: Post Trim (#10) 1.5" X 6"
SOFFIT: 12" Steel Triple Four Vented Soffit (Price Per Lin Ft.)

WALL MATERIAL: Ash Gray G100 28 Ga. ABM Panel

TOP OF WALL: F & J Channel (#12)

EXTERIOR CARRIER: 2 x 10 Southern Yellow Pine # 1

EXTERIOR WALL GIRTS: 2 x 4 SPF Lumber

CORNER POSTS:

Three Ply Glu Laminated Column 2
x 6

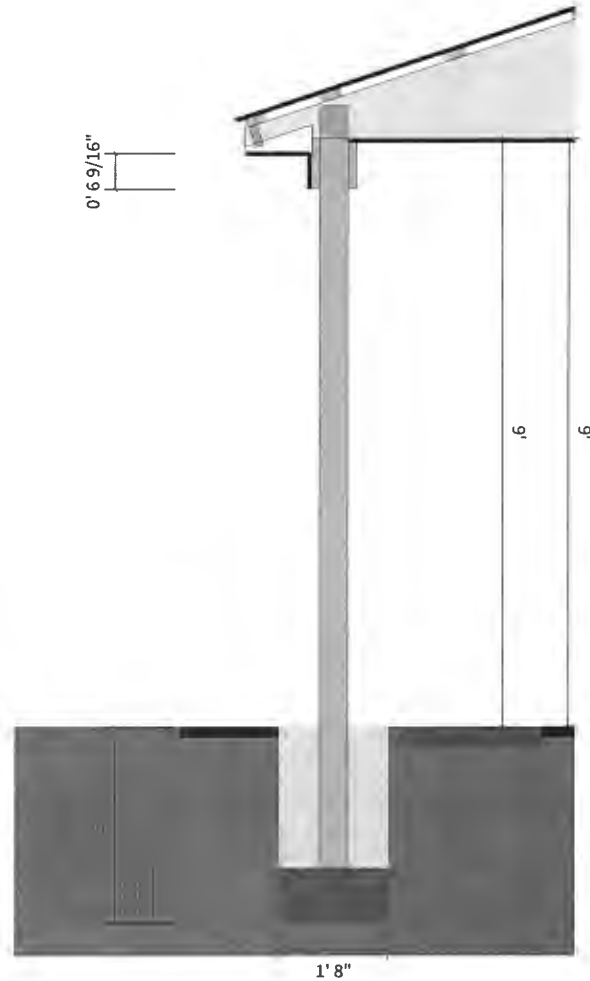
INTERMEDIATE POSTS:

Three Ply Glu Laminated Column 2
x 6

4/12 TRUSS SYSTEM
HEEL HEIGHT: 0' 6"
TRUSS SPACING: 24 IN. O. C.

BRACE PER TRUSS MANUFACTURER'S RECOMMENDATIONS
TRUSS LOADING: (none)

INTERIOR CARRIER: 2 x 10 Southern Yellow Pine # 1



SLAB DEPTH 0' 4" OFFSET 0' 4" BELOW GRADE

FOUNDATION NOTES:

POST HOLE: 3' X 1' 8" DIAMETER

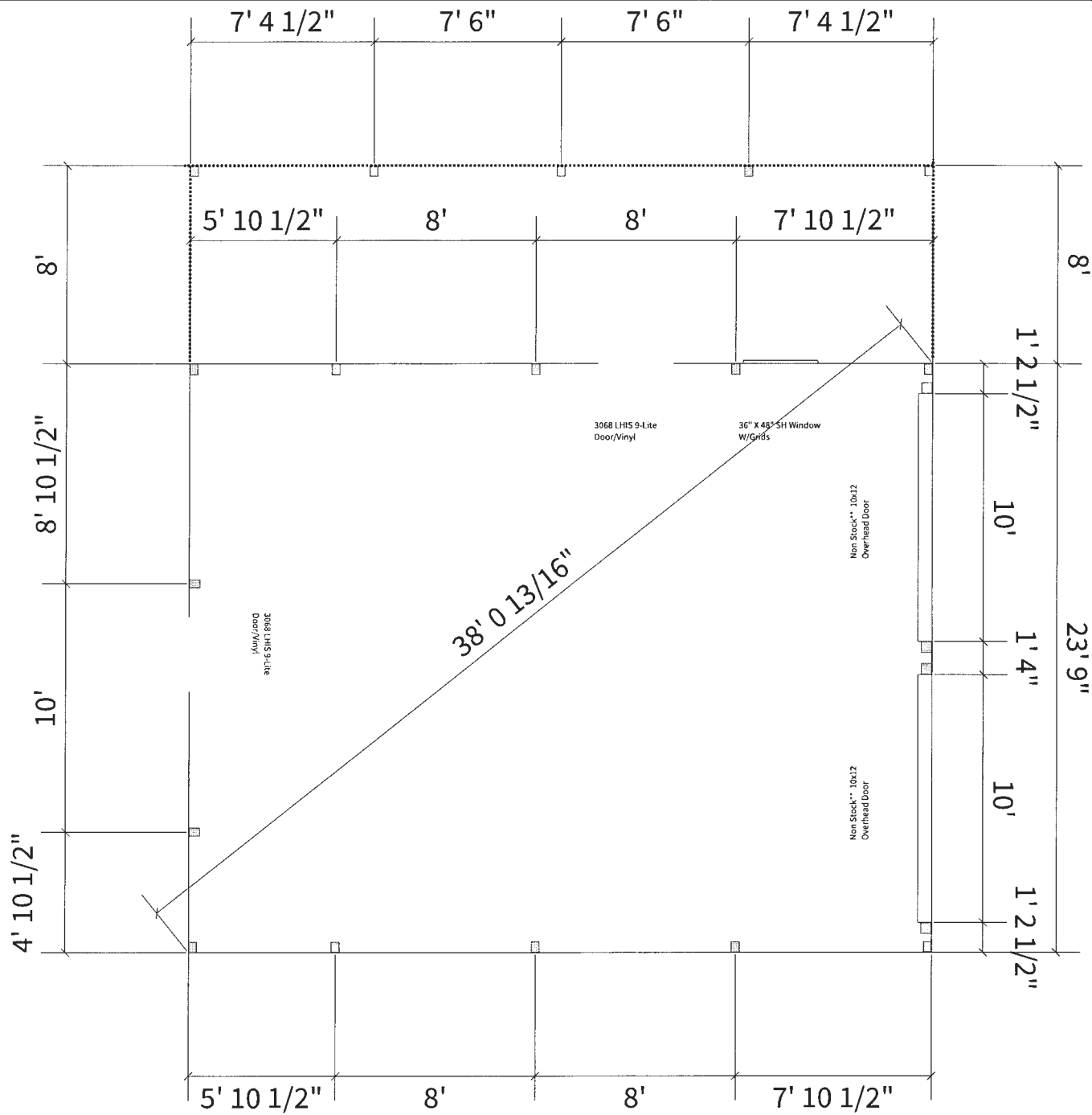
UPLIFT: (none)

POST TO FOUNDATION: (none)

POST BASE: 5" X 16" Concrete Pole Pill

Post Layout

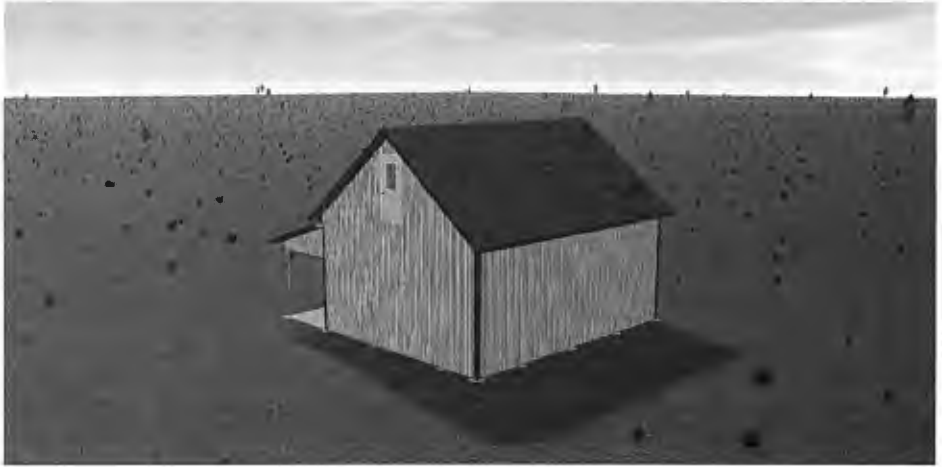
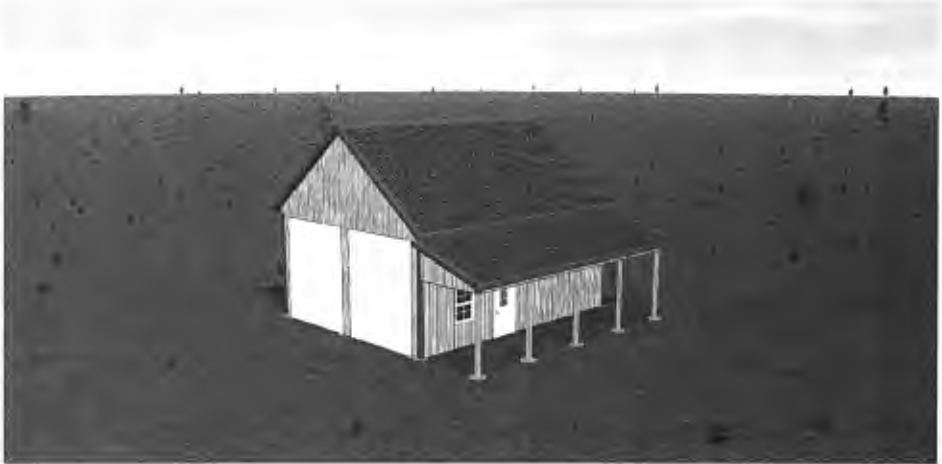
Job: Josh Glantz
 Date: 4/11/2025
 Time: 1:48 PM



Summary Sheet

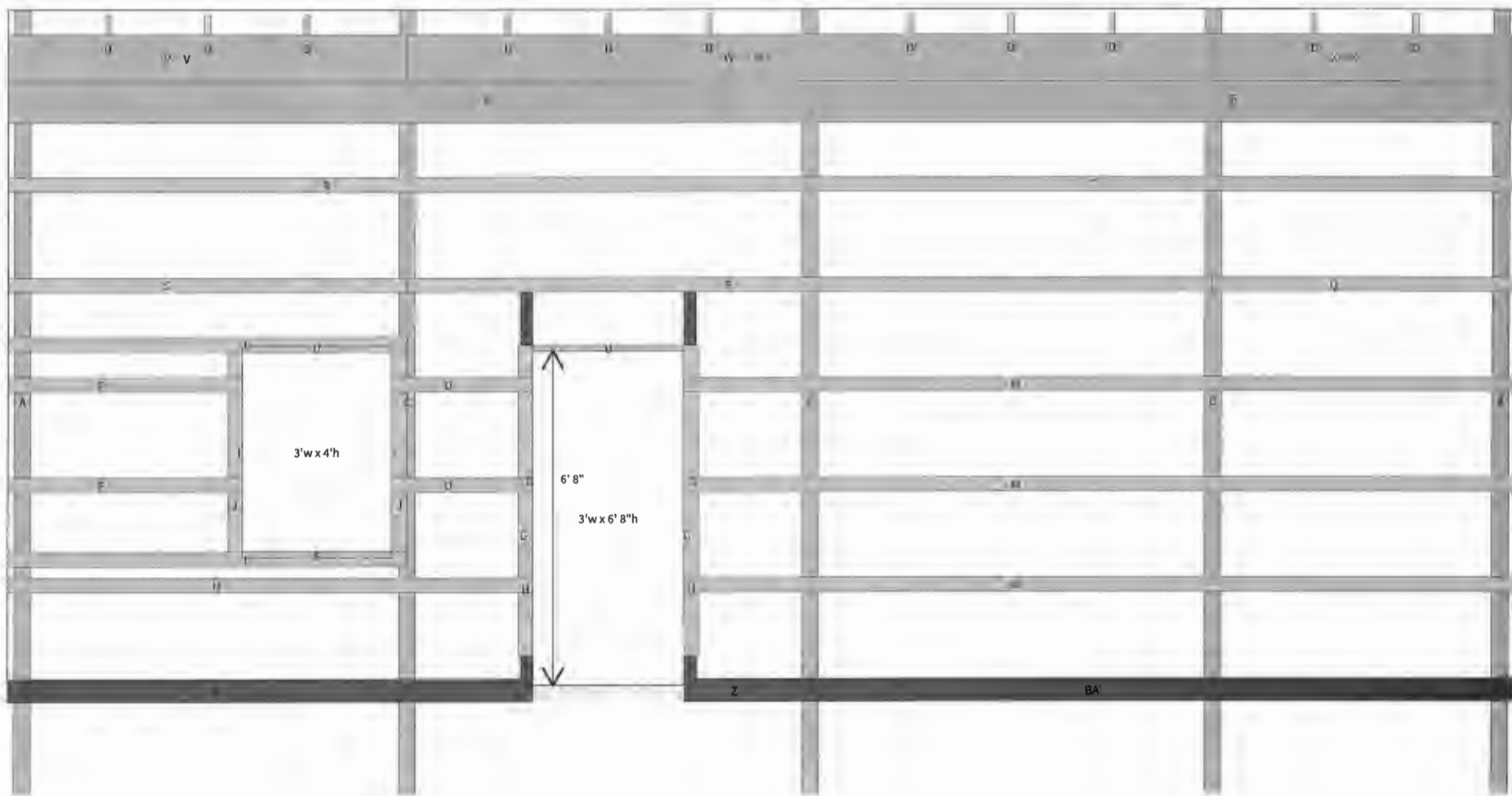
Summary	
Width	24'
Length	30'
Ceiling Height	13'
Slab Depth	0' 4"
Slab Offset	0' 4"
Overhangs	1'
Roof Pitch	9.5/12

Job Information	
Project Name	Josh Glantz
Company Name	
Contact	
Email	
Phone	
Delivery Address	3881 white brook In Ellicott City
ZIP code	212042
Desired Date	7/1/2025
Comments	
Customer Name	



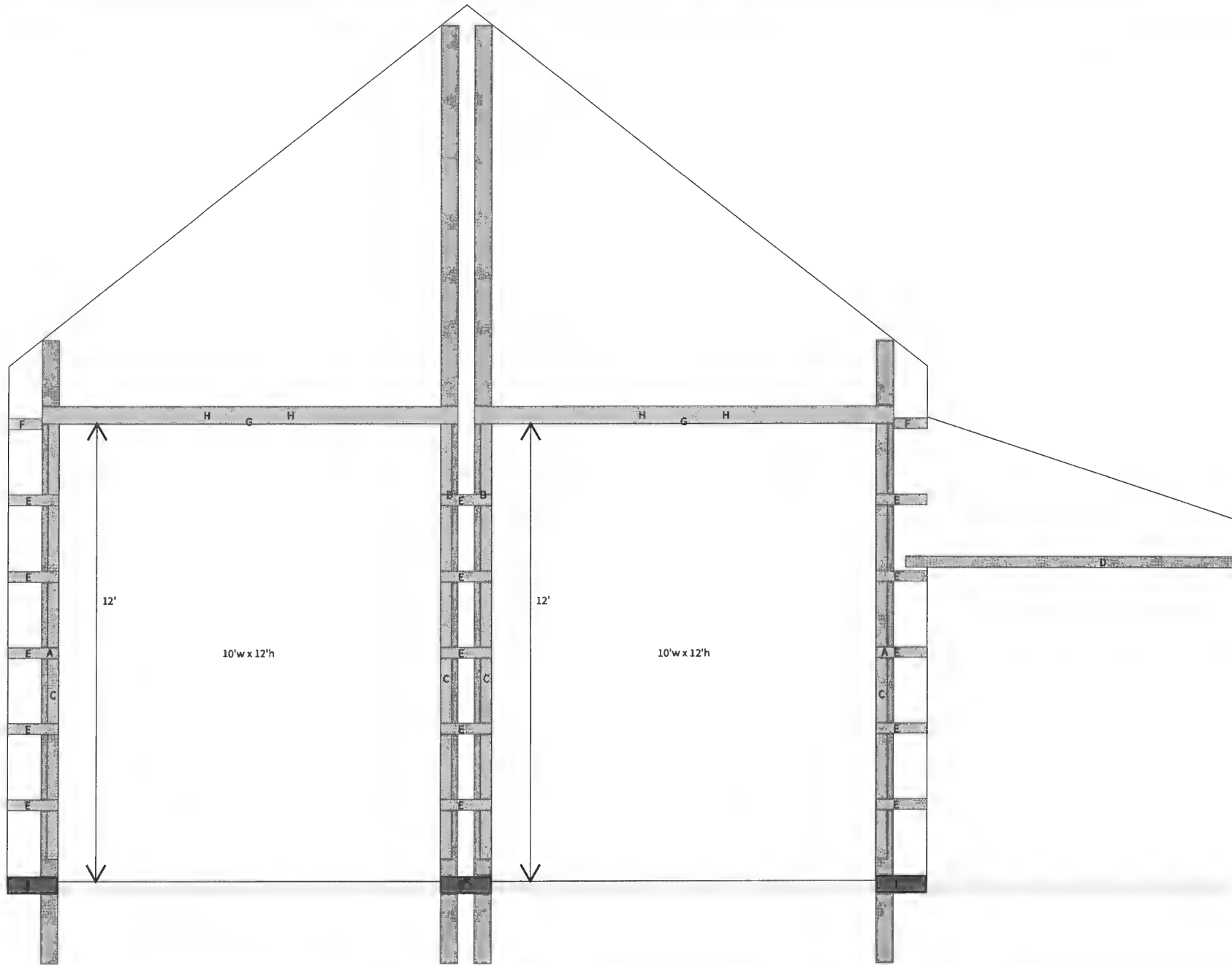
Assembly Drawing - EXT-1

Job: Josh Glantz
Date: 4/11/2025
Time: 1:48 PM



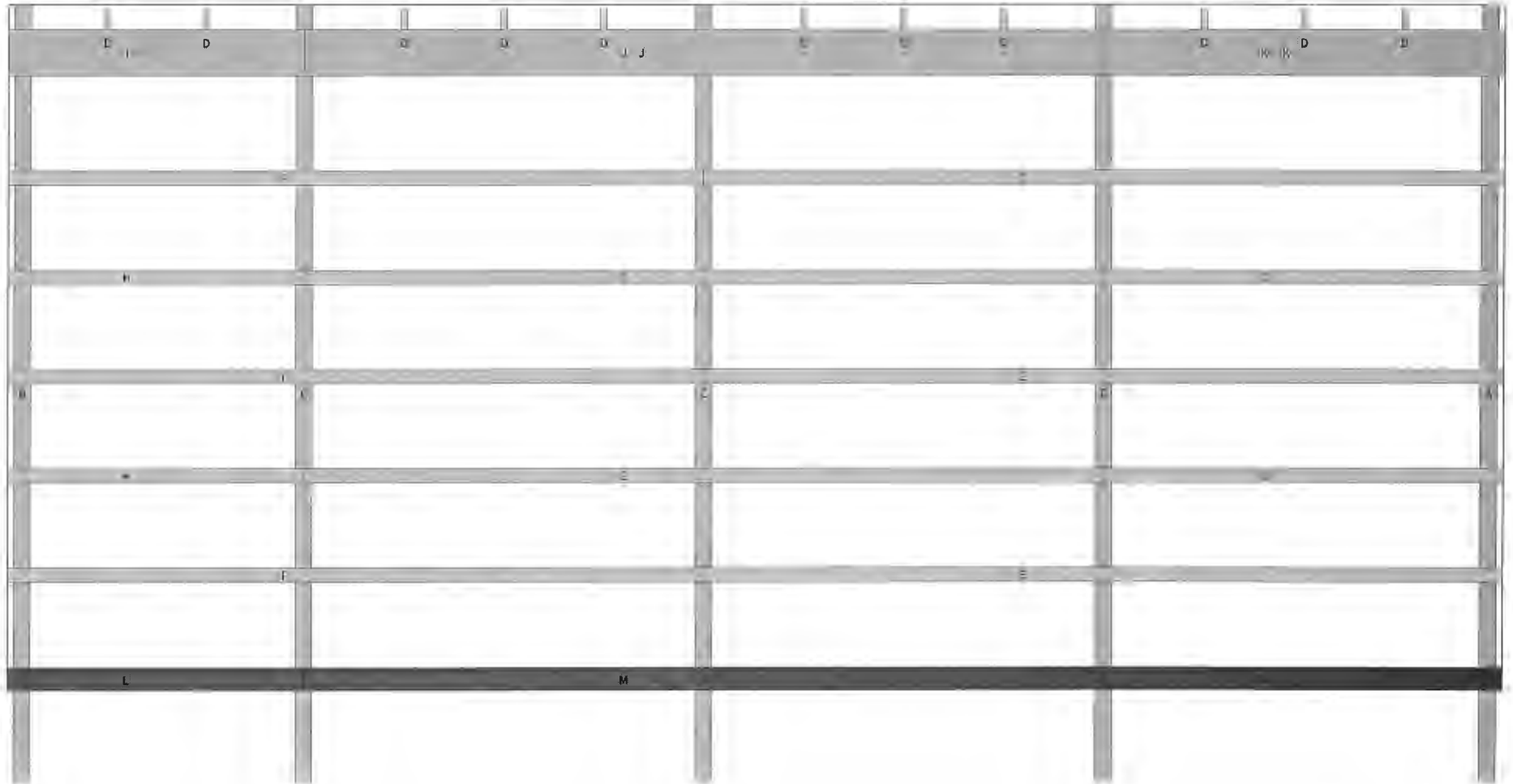
Assembly Drawing - EXT-2

Job: Josh Glantz
Date: 4/11/2025
Time: 1:48 PM



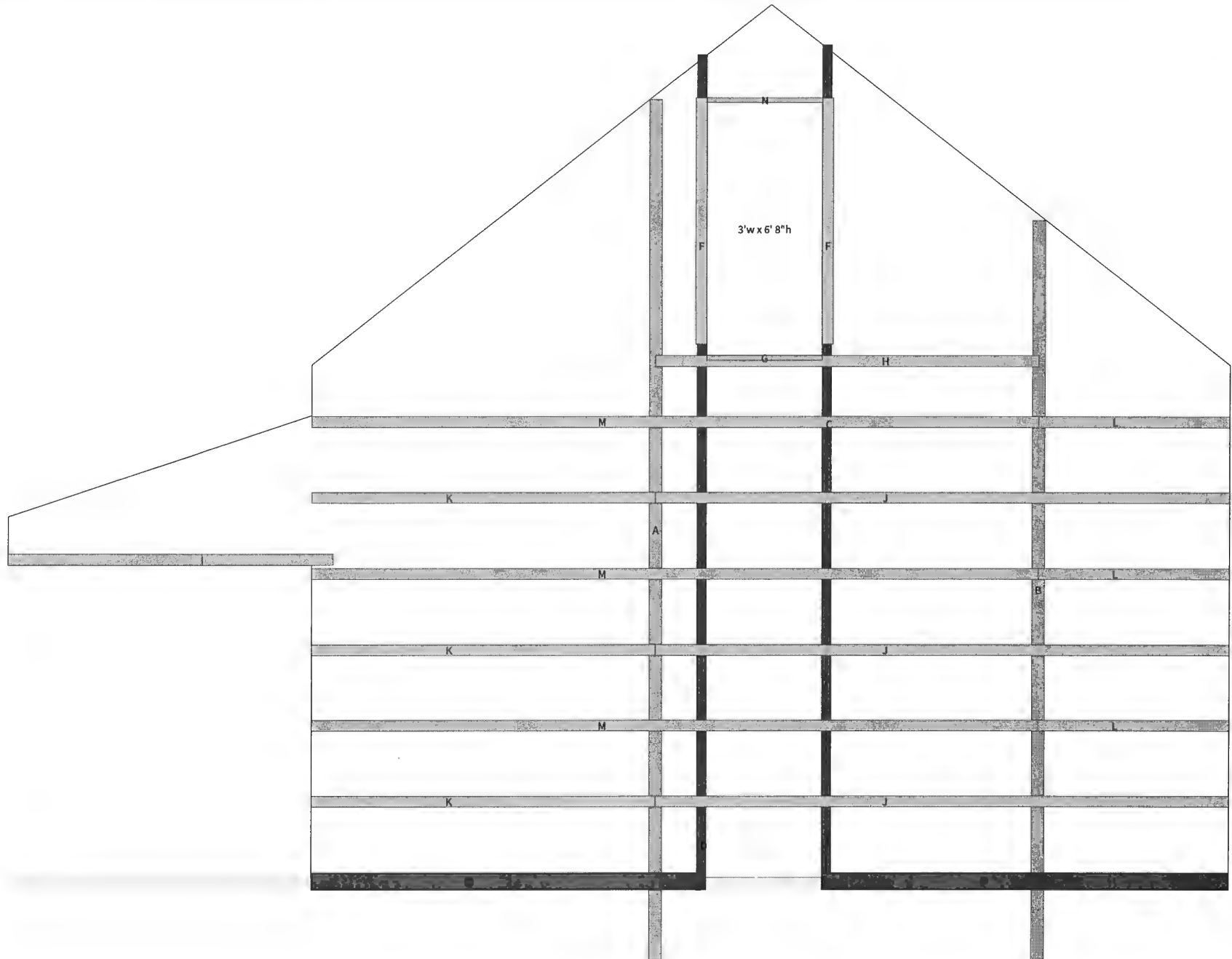
Assembly Drawing - EXT-3

Job: Josh Glantz
Date: 4/11/2025
Time: 1:48 PM



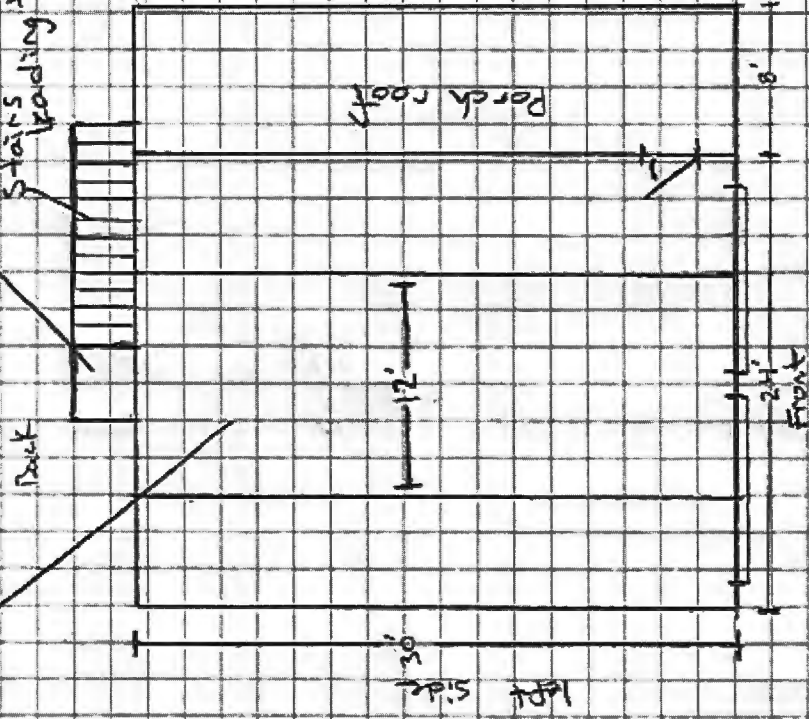
Assembly Drawing - EXT-4

Job: Josh Glantz
Date: 4/11/2025
Time: 1:48 PM



Second
Story for Storage-only
12' x 30'

4"x4" landing
Stairs leading to 2nd storage area



GENERAL NOTES
 1. OWNER: YANINA AND JOSHUA GLANTZ
 2742 RIDGE ROAD
 WHISOR MILL, MD 21214
 PHONE NUMBER: 631-255-1930
 PLAT NO. N/A DEED REF. 4292200090
 TAX MAP: 23 GRID: 23 PARCEL: N/A
 SITE ADDRESS: LOT 3861 WHITEBROOK LN
 ELICOTT CITY, MD 21042
 APPLICANT: FRANK WHITE
 836 RIDGEWOOD RD
 SPARKS, MD 21152
 FRANK.WHITE@KCI.COM 410-316-0003

2. BASE SQUARE FOOTAGE OF HOUSE: 5,548 SQ. FT.
NUMBER OF BEDROOMS: 7
3. EJECTOR PUMP REQUIRED TO SEWER BASEMENT
4. DRIVEWAY CULVERT NOT REQUIRED PER THE APPROVED ROAD DRAWINGS.
5. THE SUBJECT PROPERTY IS ZONED RC-GPO FOR THE 20204 COMPREHENSIVE ZONING PLAN AND PER COMPLETE ZONING REGULATIONS DATED 7/26/06.
6. BASIC INFORMATION SHOWN ON THIS PLAN IS BASED ON GDS FROM THE HOWARD COUNTY DATA BASE AND IS VERIFIED TO ACCURATELY REPRESENT THE RELATIVE CHANGES ON THE SUBJECT PROPERTY.
7. THE CONTRACTOR SHALL NOTIFY "MDS UTILITY" AT 1-800-257-7777 AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.
8. STORMWATER MANAGEMENT FOR THIS LOT IS PROVIDED PER THE PREVIOUSLY APPROVED FINAL PLAN. ANY DAMAGE TO PUBLIC "RIGHT OF WAY" OR PAVED PUBLIC ROADS SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE IN ACCORDANCE WITH THE HOWARD COUNTY STANDARDS AND SPECIFICATIONS.
10. DEVIATIONS FROM THESE PLANS AND SPECIFICATIONS WITHOUT PRIOR WRITTEN CONSENT OF THE CIVIL ENGINEER (KCI TECHNOLOGIES) MAY CAUSE THE WORK TO BE UNACCEPTABLE.
11. THE DIMENSIONED DISTANCES SHALL GOVERN IF SCALED AND DIMENSIONED ON THIS PLAN ARE FOUND TO BE IN DISAGREEMENT.
12. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM LOT AREA AND DIMENSIONS IF WIDTH AS REQUIRED BY THE BARBARIDDE DEPARTMENT OF THE ENVIRONMENT.
13. EXISTING WELLS, SEPTIC SYSTEMS, AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND THOSE WELLS WITHIN 200' DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN.
14. ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN, AS REQUIRED BY THE BARBARIDDE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS SEWAGE DISPOSAL AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE DISPOSAL. RECONSTRUCTION OF A REVISED SEWAGE DISPOSAL AREA SHALL NOT BE NECESSARY.
15. ANY CHANGE TO THE LOCATIONS OR DEPTHS TO ANY COMPONENTS MUST BE APPROVED BY THE ENGINEER AND THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO INSTALLATION. A REVISED SITE PLAN MAY BE REQUIRED.
16. STORMWATER MANAGEMENT WAS PREVIOUSLY APPROVED UNDER F-07-56.
17. THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE BARBARIDDE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS SEWAGE DISPOSAL AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE DISPOSAL. RECONSTRUCTION OF A REVISED SEWAGE DISPOSAL AREA SHALL NOT BE NECESSARY.
18. ANY CHANGE TO THE LOCATIONS OR DEPTHS TO ANY COMPONENTS MUST BE APPROVED BY THE ENGINEER AND THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO INSTALLATION. A REVISED SITE PLAN MAY BE REQUIRED.
19. ALL WELLS SHALL BE DRILLED PRIOR TO BUILDING PERMIT APPROVAL. IT IS THE DEVELOPER'S RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO PERMIT. IT WILL NOT BE CONSIDERED "COMPLETION" UNTIL THE WELL DRILLING HOURS UP HEALTH DEPARTMENT PERMIT.
20. TOPOGRAPHY SHOWN IS AT TWO-FOOT CONTOUR INTERVALS (ONE FOOT INTERVALS ARE REQUIRED FOR FOUND SYSTEMS AND SYSTEMS WITH PIPE DEPTHS LESS THAN TWO FEET) AND HAS BEEN FIELD VERIFIED OR PHOTO RUN.
21. PROPERTY OWNERS ARE REQUESTING A WAIVER TO REDUCE THE SEWAGE DISPOSAL AREA MINIMUM SETBACK REQUIREMENT FROM 10' TO 5' ON THE NORTHERN PROPERTY LINE.
22. THE TRENCH DETAILS WERE PROVIDED ON THIS PERC CERTIFICATION PLAN TO SHOW THAT ALTERATIONS TO THE 50A CODE ACCOMMODATE THE PROPOSED 7 BEDROOM GPO SEPTIC FLOW ON THE SITE WHERE USABLE AREA IS LIMITED DUE TO PROPERTY SIZE.

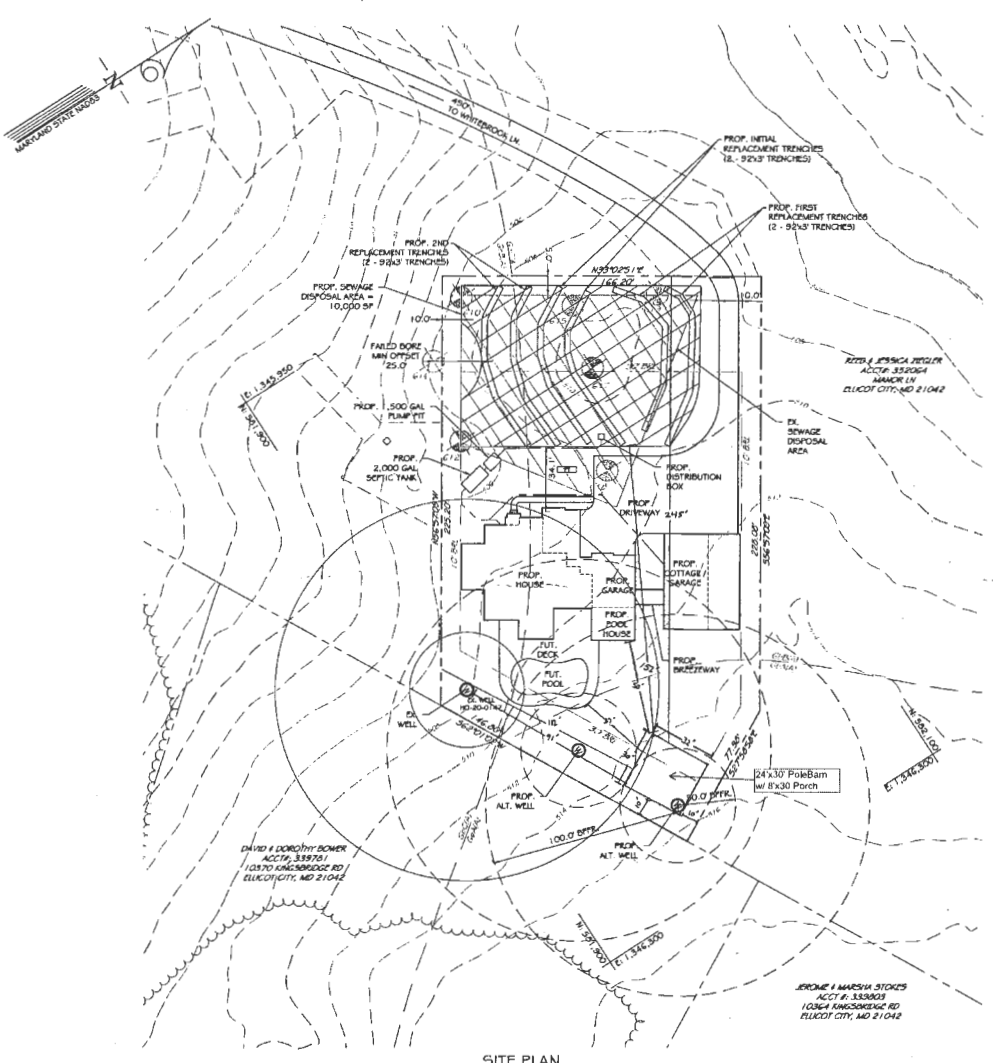
TRENCH LENGTH AND SPACING CALCULATIONS
 TRENCH DESIGN (7' BORM X 150 GPO/BORM) = 1050 GPO

INITIAL SYSTEM
 1050 GPO @ 0.8 GPO/SF (APP. RATE) = 1312.5 SF
 USE 3' WIDE TRENCH W/ 40" OF GRAVEL BELOW PIPE EFFECTIVE AREA (4' TO 2')
 1312.5 SF / 3' WIDTH = 437.5 LF x 0.417 = 182.44 LF MIN. TRENCH
 11" MIN. SPACING BETWEEN TRENCH EDGES

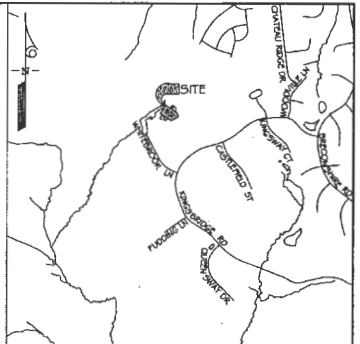
FIRST REPLACEMENT SYSTEM
 1050 GPO @ 0.8 GPO/SF (APP. RATE) = 1312.5 SF
 USE 3' WIDE TRENCH W/ 40" OF GRAVEL BELOW PIPE EFFECTIVE AREA (4' TO 2')
 1312.5 SF / 3' WIDTH = 437.5 LF x 0.417 = 182.44 LF MIN. TRENCH
 11" MIN. SPACING BETWEEN TRENCH EDGES

SECOND REPLACEMENT SYSTEM
 1050 GPO @ 0.8 GPO/SF (APP. RATE) = 1312.5 SF
 USE 3' WIDE TRENCH W/ 40" OF GRAVEL BELOW PIPE EFFECTIVE AREA (4' TO 2')
 1312.5 SF / 3' WIDTH = 437.5 LF x 0.417 = 182.44 LF MIN. TRENCH
 11" MIN. SPACING BETWEEN TRENCH EDGES

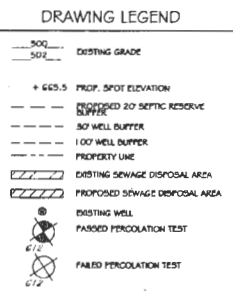
USE 2 - 32" LONG TRENCHES = 104 LF FOR INITIAL SYSTEM
 USE 2 - 32" LONG TRENCHES = 104 LF FOR FIRST REPLACEMENT SYSTEM
 USE 2 - 32" LONG TRENCHES = 104 LF FOR SECOND REPLACEMENT SYSTEM



Effects from 32' x 30' Barn
 Well 91'
 Septic field 152'
 House 50'
 Pool 37'
 N Property Line 112'
 E Property Line 245'
 S Property Line 10'



VICINITY MAP
 SCALE: 1" = 1000'



OWNER:
 YANINA AND JOSHUA GLANTZ
 2742 RIDGE ROAD
 WHISOR MILL, MD 21214
 631-255-1930

DEVELOPER:
 KEYSTONE CUSTOM HOMES
 GREG REINSMITH
 227 GRANITE RUN DR., SUITE 100,
 LANCASTER, PA 17601
 (717) 464-9060 EXT. 1108

DESIGNER:
 KCI TECHNOLOGIES INC.
 FRANK WHITE
 836 RIDGEWOOD RD.
 SPARKS, MD 21152
 410-316-0003

NOTE:
 THE PURPOSE OF THIS REVISION IS TO ADJUST THE SEWAGE DISPOSAL AREA TO ACCOMMODATE ALL DESIRED FEATURES ON THE PROPERTY FOR NEW CONSTRUCTION BUILDING PERMITS.

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
 HEALTH OFFICER, HOWARD COUNTY HEALTH DEPT. DATE

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. LICENSE NO. 26935 EXPIRATION DATE: 1/15/2025



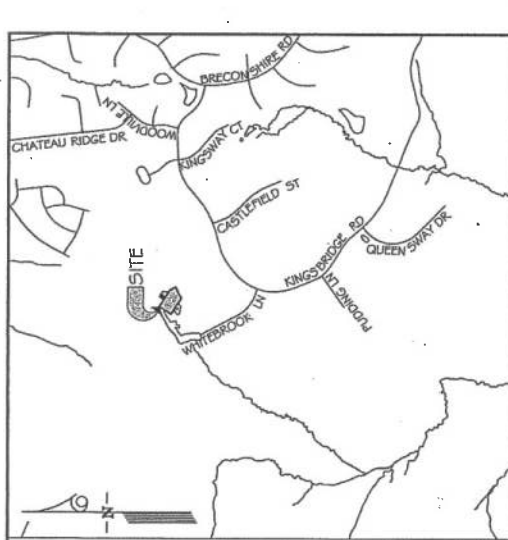
ENGINEER
 FRANK WHITE
 SCIENTIST
 CONSTRUCTION MANAGER
 936 BUCKLEBUSH ROAD
 SPARKS, MARYLAND 21152
 TELEPHONE: (410) 316-7800
 FAX: (410) 316-7888

NO.	DATE	REVISION	BY	DATE

YANINA & JOSHUA GLANTZ PROPERTY
 PERC CERT REVISION PLAN
 3861 WHITEBROOK LN.
 ELICOTT CITY, MD 21042

DRAWING NO.
 SHEET 1 OF 2
 NO. 08 NUMBER
 27180754-97

Revised



VICINITY MAP
SCALE: 1" = 1000'

offsets from
 31' x 30' Corn
 Septic Field 130'
 House 40'
 Pool 38'
 W Property Line 110'
 N Property Line 225'
 E Property Line 10'
 S Property Line 28'
 Prop. Alt Well 10'

DRAWING LEGEND

- 500 DISTING GRADE
- 502
- + 665.5 PROP. SPOT ELEVATION
- PROPOSED 20' SEPTIC RESERVE BUFFER
- 30' WELL BUFFER
- 100' WELL BUFFER
- PROPERTY LINE
- DISTING SEWAGE DISPOSAL AREA
- PROPOSED SEWAGE DISPOSAL AREA
- DISTING WELL
- PROPOSED PERCOLATION TEST
- FAILED PERCOLATION TEST

OWNER:
 YANINA AND JOSHUA GLANTZ
 2742 RIDGE ROAD,
 WINGBOR WIL, MD 21214
 631-255-1930

DEVELOPER:
 KEYSTONE CUSTOM HOMES
 GREG REINGRITH
 227 GRANITE RUN DR, SUITE 100,
 LANCASTER, PA 17601
 (717) 464-9060 EXT. 1109

DESIGNER:
 KCI TECHNOLOGIES INC.
 FRANK WHITE
 936 RIDGEBROOK RD,
 SPARKS, MD 21152
 410-316-0603

NOTE:
 THE PURPOSE OF THIS REVISION IS TO ADJUST THE SEWAGE DISPOSAL AREA TO ACCOMMODATE ALL DESIRED FEATURES ON THE PROPERTY FOR NEW CONSTRUCTION BUILDING PERMITS.

YANINA & JOSHUA GLANTZ PROPERTY
 PERC CERT REVISION PLAN
 3861 WHITEBROOK LN.
 ELLICOTT CITY, MD 21042

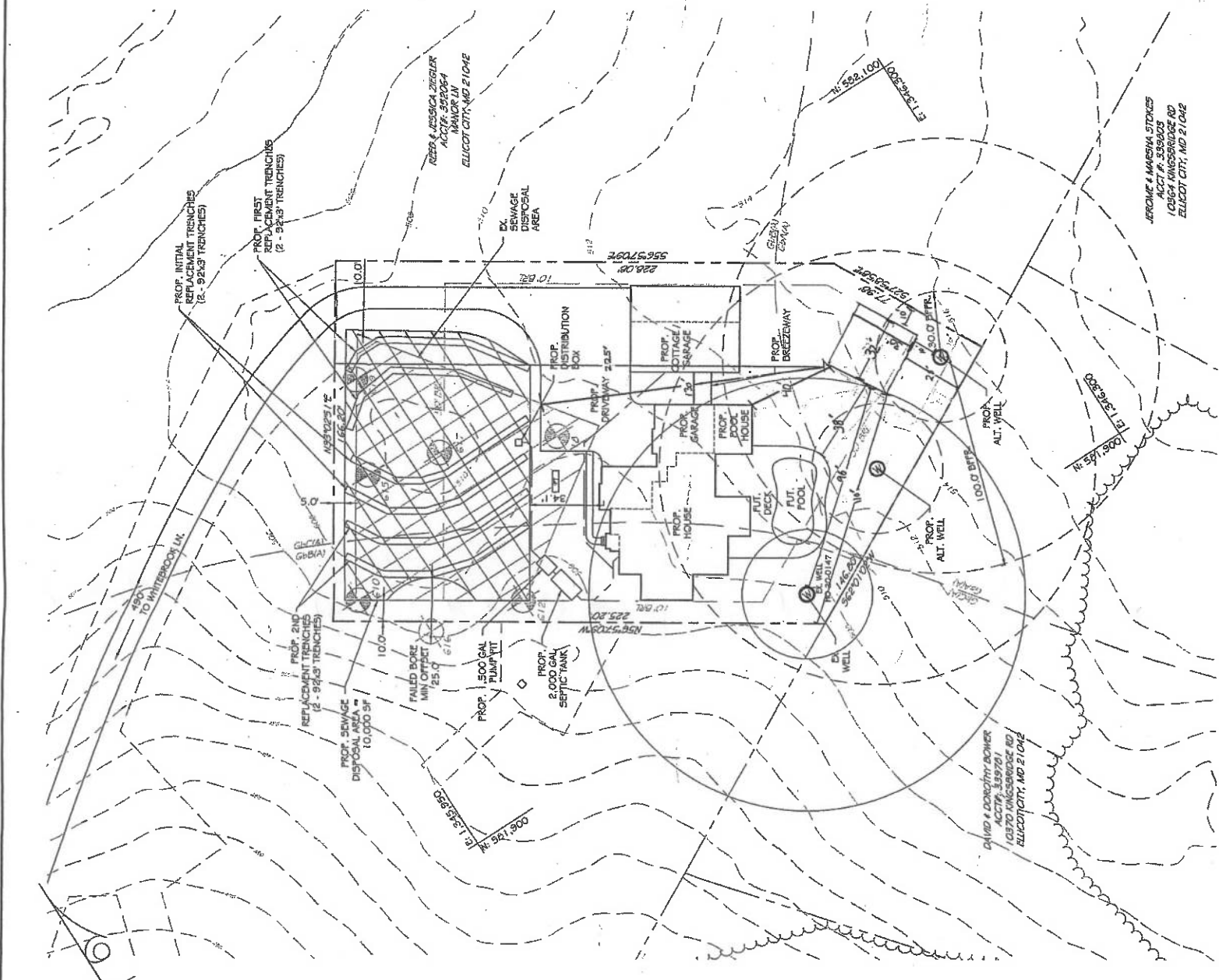
NO.	DATE	REVISIONS

KCI TECHNOLOGIES
 Engineers
 Planners
 Surveyors
 Construction Managers
 936 RIDGEBROOK ROAD
 SPARKS, MARYLAND 21152
 TELEPHONE: (410) 316-0603
 FAX: (410) 316-7889



PROFESSIONAL CERTIFICATION:
 I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREIN IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, COMPLETE AND ACCURATE AND BELIEVE LICENSE NO. 28533 EXPIRES DATE 11/30/25

SITE PLAN
 SCALE: 1" = 30'



1. OWNER: YANINA AND JOSHUA GLANTZ, 2742 RIDGE ROAD, WINGBOR WIL, MD 21214, PHONE NUMBERS: 631-255-1930, DEDD REF. 42322000390, TAX MAP: 23 PARCEL: NA, LOT: NA, SITE ADDRESS: 3861 WHITEBROOK LN, ELLICOTT CITY, MD 21042
2. APPLICANT: FRANK WHITE, 936 RIDGEBROOK RD, SPARKS, MD 21152, 410-316-0603, FRANK.WHITE@KCI.COM
3. BASE SQUARE FOOTAGE OF HOUSE: 5,546 SQ.FT.
4. NUMBER OF BEDROOMS: 7
5. EXTRACTOR PUMP REQUIRED TO SERVER BASEMENT
6. DREYWAY CULVERT NOT REQUIRED PER THE APPROVED ROAD DRAWINGS.
7. THE SUBJECT PROPERTY IS ZONED RC-20 PER THE 2104 COMPREHENSIVE ZONING PLAN AND PER COMPLETE ZONING REGULATIONS DATED 7/28/06.
8. BASE INFORMATION SHOWN ON THIS PLAN IS BASED ON GIS FROM THE HOWARD COUNTY DATA BASE AND THE HOWARD COUNTY GIS DEPARTMENT.
9. THE CONTRACTOR SHALL NOTIFY WES UTILITY AT 1-800-257-7777 AT LEAST FOURTY-EIGHT (48) HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.
10. STORMWATER MANAGEMENT FOR THIS LOT IS PROVIDED PER THE PREVIOUSLY APPROVED FINAL PLAN.
11. ANY DAMAGE TO PUBLIC RIGHT-OF-WAY OR PAVED PUBLIC ROADS SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTORS EXPENSE IN ACCORDANCE WITH THE HOWARD COUNTY STANDARDS AND REGULATIONS.
12. THE DIMENSIONED DISTANCES SHALL GOVERN IF SCALD AND DIMENSIONED DISTANCES ON THIS PLAN ARE FOUND TO BE IN DISAGREEMENT.
13. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM LOT AREA AND OWNERSHIP WIDTH AS REQUIRED BY THE HOWARD COUNTY ZONING REGULATIONS.
14. EXISTING WELLS, SEPTIC SYSTEMS, AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND DISPOSAL AREAS HAVE BEEN SHOWN.
15. THOSE WELLS WITHIN 200' DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS OR SEWAGE DISPOSAL AREAS TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
16. UPON BUILDING PERMIT REVIEW THE SEPTIC SYSTEMS OF ALL PROPOSED STRUCTURES AND OR EXISTING STRUCTURES SHALL BE RE-EVALUATED TO DETERMINE SUFFICIENT SYSTEM CAPACITY.
17. THE PROPOSED SEWAGE DISPOSAL AREA SHALL BE RE-EVALUATED UNDER 1007.39.
18. STORMWATER MANAGEMENT WAS PREVIOUSLY APPROVED UNDER 1007.39.
19. THIS AREA DESIGNATED A PRIVATE SEWAGE DISPOSAL AREA OF AT LEAST 10,000 SQ.FT. AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS SEWAGE DISPOSAL AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. SEWERAGE SHALL BE RE-EVALUATED TO DETERMINE SUFFICIENT SYSTEM CAPACITY.
20. ANY CHANGE TO THE LOCATION OR DEPTH TO ANY COMPONENTS MUST BE APPROVED BY THE ENGINEER AND THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO INSTALLATION. A REVISED SITE PLAN MAY BE REQUIRED.
21. ALL WELLS SHALL BE DRILLED PRIOR TO BUILDING PERMIT APPROVAL. IT IS THE DEVELOPERS RESPONSIBILITY TO OBTAIN ALL NECESSARY PERMITS FROM THE HEALTH DEPARTMENT PRIOR TO CONSTRUCTION.
22. TOPOGRAPHY SHOWN IS AT TWO-FOOT CONTOUR INTERVALS (ONE-FOOT INTERVALS ARE REQUIRED FOR FOUNDATION SYSTEMS AND SYSTEMS WITH PIPE DEPTH LESS THAN TWO FEET) AND HAS BEEN FIELD VERIFIED OR FIELD RUN.
23. PROPERTY OWNERS ARE REQUESTING A VARIATION TO REDUCE THE SEWAGE DISPOSAL AREA MINIMUM TO 10,000 SQ.FT. ON THE OTHER SIDE OF THE PROPERTY LINE.
24. THE TRENCH DEPTHS WERE FROM THE FIRST CONTOUR TO SHOW THAT ALTERNATIONS TO USABLE AREA IS LIMITED DUE TO PROPERTY SIZE

TRENCH LENGTH AND SPACING CALCULATIONS
 TRENCH DESIGN (7 BDRM X 1.50 GPD/BDRM = 1050 GPD)

INITIAL SYSTEM
 1050 GPD / 0.8 GPD/5' (AFT. RATE) = 1312.5 5'F
 USE 3" WIDE TRENCH W/ 40" OF GRAVEL BELOW PIPE EFFECTIVE AREA (4" TO 8")
 1312.5 5'F / 5" WIDTH = 437.5 LF X 0.417' = 182.44 LF MIN. TRENCH
 11" MIN. SPACING BETWEEN TRENCH EDGES

FIRST REPLACEMENT SYSTEM
 1050 GPD / 0.8 GPD/5' (AFT. RATE) = 1312.5 5'F
 USE 3" WIDE TRENCH W/ 40" OF GRAVEL BELOW PIPE EFFECTIVE AREA (4" TO 8")
 1312.5 5'F / 5" WIDTH = 437.5 LF X 0.417' = 182.44 LF MIN. TRENCH
 11" MIN. SPACING BETWEEN TRENCH EDGES

SECOND REPLACEMENT SYSTEM
 1050 GPD / 0.8 GPD/5' (AFT. RATE) = 1312.5 5'F
 USE 3" WIDE TRENCH W/ 40" OF GRAVEL BELOW PIPE EFFECTIVE AREA (4" TO 8")
 1312.5 5'F / 5" WIDTH = 437.5 LF X 0.417' = 182.44 LF MIN. TRENCH
 11" MIN. SPACING BETWEEN TRENCH EDGES

USE 2 - 92' LONG TRENCHES = 184 LF FOR INITIAL SYSTEM
 USE 2 - 92' LONG TRENCHES = 184 LF FOR FIRST REPLACEMENT SYSTEM
 USE 2 - 92' LONG TRENCHES = 184 LF FOR SECOND REPLACEMENT SYSTEM

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS
 HEALTH OFFICER, HOWARD COUNTY HEALTH DEPT. DATE _____