



Building Permit Application

Howard County Maryland
Department of Inspections, Licenses and Permits
3430 Court House Drive
Permits: 410-313-2455
www.howardcountymd.gov

DLP 2019 SEP 16 PM 3:06

Date Received: _____

Permit No.: 308
B1900

Building Address: 7413 Haven Court
 City: Highland State: MD Zip Code: 20777
 Suite/Apt. #: _____ SDP/WP/BA #: GP20-22-F-17-07
 Subdivision: Estates at Shirley Hill
 Lot: 3 Tax Map: _____ Parcel: _____

Existing Use: Vacant Lot
 Proposed Use: Single Family Home
 Estimated Construction Cost: \$ 736,055
 Description of Work: 2 story w/ 2 story corner
2 story, Full bath, 12R, S.O. full bath
1 HB, 12 FL, 3 car gar-

Occupant/Tenant Name: N/A
 Was tenant space previously occupied? Yes No
 Contact Name: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Property Owner's Name: William Ding Graw LLC
 Address: 485 Haven's Farm Rd # 200
 City: Columbia State: MD Zip Code: 2104
 Phone: 410-967-8500 Fax: _____
 Email: williamding@williamdingllc.com

Applicant's Name & Mailing Address, (If other than stated herein)
 Applicant's Name: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Contractor Company: _____
 Contact Person: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 License No.: 155
 Phone: _____ Fax: _____
 Email: _____

Engineer/Architect Company: _____
 Responsible Design Prof.: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Commercial Building Characteristics	Residential Building Characteristics	
Height: _____	<input checked="" type="checkbox"/> SF Dwelling	<input type="checkbox"/> SF Townhouse
No. of stories: _____	Depth Width	
Gross area, sq. ft./floor: _____	1 st floor: <u>63</u>	<u>33</u>
Area of construction (sq. ft.): _____	2 nd floor: <u>63</u>	<u>33</u>
Use group: _____	Basement: _____	_____
Construction type:	<input type="checkbox"/> Finished Basement	_____
<input type="checkbox"/> Reinforced Concrete	<input checked="" type="checkbox"/> Unfinished Basement	_____
<input type="checkbox"/> Structural Steel	<input type="checkbox"/> Crawl Space	_____
<input type="checkbox"/> Masonry	<input type="checkbox"/> Slab on Grade	_____
<input type="checkbox"/> Wood Frame	No. of Bedrooms: <u>5</u>	_____
<input type="checkbox"/> State Certified Modular	Multi-family Dwelling	
<input checked="" type="checkbox"/> Roadside Tree Project Permit	No. of efficiency units: _____	_____
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	No. of 1 BR units: _____	_____
Roadside Tree Project Permit # _____	No. of 2 BR units: _____	_____
	No. of 3 BR units: _____	_____
	Other Structure: _____	_____
	Dimensions: _____	_____
	Footings: _____	_____
	Roof: _____	_____
	<input type="checkbox"/> State Certified Modular	_____
	<input type="checkbox"/> Manufactured Home	_____

Utilities	
Electric:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Gas:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Water Supply	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Sewage Disposal	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Heating System	
<input checked="" type="checkbox"/> Electric	<input type="checkbox"/> Oil
<input checked="" type="checkbox"/> Natural Gas	<input type="checkbox"/> Propane Gas
<input type="checkbox"/> Other:	
Sprinkler System:	
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Grading Permit Number: <u>GP20-22</u>	
Building Shell Permit Number: _____	

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THE APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature: _____
 Email Address: williamding@williamdingllc.com
 Title/Company: WILLIAM DING LLC

Print Name: WILLIAM DING
 Date: 9/16/19

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

PLEASE WRITE NEATLY & LEGIBLY
-FOR OFFICE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Health	<u>9/20/19</u>	<u>R. Beiler</u>

Is Sediment Control approval required for issuance? Yes No
 CONTINGENCY CONSTRUCTION START

DPZ SETBACK INFORMATION	
Front:	
Rear:	
Side:	
Side St.:	
All minimum setbacks met?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Is Entrance Permit Required?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Historic District?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Lot Coverage for New Town Zone:	
SDP/Red-line approval date:	

Filing Fee	\$ <u>100</u>
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$ <u>50</u>
Add'l per Fee	\$
Total Fees	\$
Sub- Total Paid	\$
Balance Due	\$
Check	# <u>107</u>

Distribution of Copies: White: Building Officials Green: PSZA, Zoning Yellow: PSZA, Engineering Pink: Health Gold: SHS

The Wellington

Williamsburg Group, LLC
 5485 Harpers Farm Rd. #200
 Columbia, MD 21044
 (410) 997-8800

B 19003005

INDEX OF DRAWINGS

COVER SHEET			
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1B	ELEV. 1 STANDARD- STONE	7	SECTION B
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1E	ELEV. 2- STONE	8B	MORNING RM.
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1I	ELEV. 3- BRICK	8F	OPT. WALL OF WINDOWS
		8G	GRADE BEAM DETAILS
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2A	BASEMENT/FOUNDATION PLAN	8I	DET. GARAGE PLANS
2B	FINISHED BASEMENT PLAN		
3A	FIRST FLOOR PLAN		
4A	SECOND FLOOR PLAN		

PROJECT DATA

CONSTRUCTION:	
GROUND FLOOR	CONCRETE
FIRST FLOOR	WOOD
SECOND FLOOR	WOOD
ROOF	WOOD
WALLS	WOOD
BUILDING AREA: SQ. FT. INCLUDED:	
WELLINGTON ELEVATION 1	
FIRST FLOOR CONDITIONED	2945
SECOND FLOOR CONDITIONED	2795
UNFINISHED BASEMENT	2945
OPT. FIN. BASEMENT	1665
OPT. FIN. BASEMENT W/ GAME RM	2115
GARAGE	800
WELLINGTON ELEVATION 2	
FIRST FLOOR CONDITIONED	2860
SECOND FLOOR CONDITIONED	2810
UNFINISHED BASEMENT	2860
OPT. FIN. BASEMENT	1665
OPT. FIN. BASEMENT W/ GAME RM	2085
GARAGE	800
WELLINGTON ELEVATION 3	
FIRST FLOOR CONDITIONED	2860
SECOND FLOOR CONDITIONED	2845
UNFINISHED BASEMENT	2860
OPT. FIN. BASEMENT	1665
OPT. FIN. BASEMENT W/ GAME RM	2085
GARAGE	824
OPTIONS	
SECOND FLOOR FAMILY RM.	420
TWO STORY CONSERVATORY:	
BASEMENT	525
FIRST FL.	525
SECOND FL.	525
MORNING RM.:	
BASEMENT	288
FIRST FL.	288
CONSERVATORY:	
BASEMENT	340
FIRST FL.	340
DETACHED GARAGE	
BREEZEWAY	48
TOTAL CONDITIONED SPACE	
TOTAL GROSS SPACE	

PROJECT DESIGN CRITERIA

THE FOLLOWING STANDARDS ARE BASED ON THE GENERAL REQUIREMENTS OF THE INTERNATIONAL RESIDENTIAL CODE (IRC) 2018 EDITION FOR ONE AND TWO FAMILY DWELLINGS ALL STATE AND LOCAL AMENDMENTS. CONSTRUCTION CLASSIFICATION TYPE: 5B (UNPROTECTED) USE GROUP: R3		
2018 IECC CODE COMPLIANCE		BUILDING DATA
CODE SECTION	STANDARD (MINIMUM)	CLIMATE & GEOGRAPHIC DESIGN CRITERIA
R301.1 CLIMATE ZONE	4A	FLOOR LIVE LOAD 40 PSF
R401.2 COMPLIANCE METHOD	MANDATORY AND PRESCRIPTIVE PROVISIONS	ROOF LIVE LOAD 30 PSF
R402.1.1 VAPOR RETARDER:	WALL ASSEMBLIES IN THE THERMAL ENVELOPE SHALL COMPLY WITH VAPOR RETARDER REQUIREMENTS OF SECTION R702.7 OF THE IRC 2015	WIND SPEED ULTIMATE 115 MPH EXPOSE C
R402.1.2 ATTIC INSULATION:	R-49, R-38 WILL SATISFY THE REQUIREMENT IF FULL OVER THE TOP PLATE @ EAVES (REQUIRES RAISED HEEL TRUSS), R-20 OR R13 + R5 CONTINUOUS INSULATION.	ATTICS W/ STORAGE 10 PSF
R402.1.2 WOOD FRAME WALL	R-10 FOIL FACED CONTINUOUS, UNINTERRUPTED BATTIS FULL HIGHT. R-13 IN CAVITY IF FINISHED.	ATTICS W/ STORAGE 20 PSF
R402.1.2 BASEMENT WALL INSULATION:	R-10 FOIL FACED CONTINUOUS BATTIS FULL HIGHT. EXTENDING FROM FLOOR ABOVE TO FINISH GRADE LEVEL AND THEN VERTICALLY OR HORIZONTALLY AN ADDITIONAL 2'-0".	HABITABLE ATTICS 30 PSF
R402.1.2 CRAWL SPACE WALL INSULATION:	R-10 FOIL FACED CONTINUOUS BATTIS FULL HIGHT. EXTENDING FROM FLOOR ABOVE TO FINISH GRADE LEVEL AND THEN VERTICALLY OR HORIZONTALLY AN ADDITIONAL 2'-0".	STAIRS 40 PSF
R402.1.2 FLOOR INSULATION OVER UNCONDITIONED SPACE:	R-30 BATT INSULATION	DECKS & BALCONIES (EXT) 40 PSF
R402.1.2 WINDOW U-VALUE/ SHGC	0.32 (U-VALUE) & 0.40 (SHGC)	GUARDHANDRAILS 200# (CONT.)
R402.1.1.0 SLAB ON GRADE FLOORS LESS THAN 12" BELOW GRADE:	R-10 RIGID FOAM BOARD UNDER SLAB EXTENDING EITHER 2'-0" HORIZANTALLY OR VERTICALLY.	SEISMIC CATEGORY B. LIGHT FRAME STRUCTURAL W/ SHEAR WALLS
R402.2.4 ATTIC ACCESS:	ATTIC ACCESS SCUTTLE WILL BE WEATHERSTRIPPED AND INSULATED R-49.	CONCRETE WEATHERING SEVERE
R402.4.1.2 BUILDING THERMAL ENVELOPE (AIR LEAKAGE)	EXTERIOR WALLS AND PENETRATIONS WILL BE SEALED PER THIS SECTION OF THE 2018 IECC WITH CAULK, GASKETS, WEATHERSTRIPPING OR AN AIR BARRIER OR SUITABLE MATERIAL.	TERMITE MODERATE TO HEAVY
R402.4.1.2 BUILDING ENVELOPE TEST OPTION:	BUILDING ENVELOPE SHALL BE TESTED AND VERIFIED AS HAVING AN AIR LEAKAGE RATE OF NOT EXCEEDING 3 AIR CHANGES PER HOUR. TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH ASTM E 779 OR ASTM E 1827 W/ BLOWER DOOR AT A PRESSURE OF 2 INCHES W.G. TESTING SHALL BE CONDUCTED BY AN APPROVED THIRD PARTY.	DECAY PROBABILITY MODERATE
R402.4.2 FIREPLACES	NEW WOODBURNING FIREPLACES SHALL HAVE TIGHT FITTING FLUE DAMPERS AND OUTDOOR COMBUSTION AIR.	ICE UNDERLAYMENT YES
R402.4.4 FUEL-BURNING APPLIANCES	ROOMS CONTAINING FUEL-BURNING APPLIANCES WHERE OPEN COMBUSTION AIR DUCTS PROVIDE COMBUSTION AIR TO OPEN COMBUSTION FUEL BURNING APPLIANCES, THE APPLIANCES AND COMBUSTION AIR SHALL BE LOCATED OUTSIDE THE BUILDING THERMAL ENVELOPE OR ENCLOSED IN A ROOM ISOLATED FROM INSIDE THE THERMAL ENVELOPE EXCEPTIONS: 1. DIRECT VENT APPLIANCES WITH BOTH INTAKE AND EXHAUST PIPES INSTALLED CONTINUOUS TO THE OUTSIDE. FIREPLACES AND STOVES COMPLYING WITH SECTION R402.4.2 AND SECTION R1006 OF THE IRC.	FROST DEPTH 32"
R402.4.5 RECESSED LIGHTING	RECESSED LUMINAIRES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO LIMIT AIR LEAKAGE.	NOTE: MINIMUM VALUES SHOWN- CONFIRM WITH LOCAL CODE OFFICIAL PRIOR TO CONSTRUCTION.
R403.1.1 THERMOSTAT	ALL DWELLING UNITS WILL HAVE AT LEAST (1) PROGRAMMABLE THERMOSTAT FOR EACH SEPERATE HEATING AND COOLING SYSTEM.	
R403.1.2 HEAT PUMP SUPPLEMENTARY HEAT	WHERE A HEAT PUMP SYSTEM HAVING SUPPLEMENTARY ELECTRIC RESISTANCE HEAT IS USED THE THERMOSTAT SHALL PREVENT THE HEAT FROM COMING ON WHEN HEAT PUMP CAN MEET HEATING LOAD.	
R403.3.1 MECHANICAL DUCT INSULATION	SUPPLY & RETURN DUCTS IN ATTIC R-8 MIN. SUPPLY DUCTS OUTSIDE OF CONDITIONED SPACE R-8 MIN. ALL OTHER DUCTS EXCEPT THOSE LOCATED INSIDE THE BUILDING THERMAL ENVELOPE R-6 MIN. DUCTS LOCATED UNDER CONCRETE SLABS MUST BE R-6 MIN.	
R403.3.2 DUCT SEALING	ALL DUCTS, AIR HANDLERS, AND FILTER BOXES WILL BE SEALED. JOINTS AND SEAMS WILL COMPLY WITH SECTION M1601.4.1 OF THE IRC.	
R403.6 MECHANICAL VENTILATION	A DUCT TIGHTNESS TEST (DUCT BLASTER LEAKAGE TEST) WILL BE PERFORMED ON ALL HOMES AND SHALL BE VERIFIED BY EITHER A POST CONS. TEST OR A ROUGH IN TEST. DUCT TIGHTNESS TEST IS NOT REQD. IF AIR HANDLER AND ALL DUCTS ARE LOCATED WITHIN CONDITIONED SPACE.	
403.6.1 WHOLE HOUSE MECH. VENT SYSTEM FAN EFFICIENCY	OUTDOOR AIR WILL BE BROUGHT INTO THE HOME THRU A DUCT WITH AN AUTOMATIC OR GRAVITY DAMPER, TO COMPLY WITH TABLE R403.6.1.	
R403.7 EQUIPMENT SIZING	SHALL COMPLY WITH R403.7	
R404.1 LIGHTING EQUIPMENT	A MIN. OF 90% OF ALL LAMPS MUST BE HIGH-EFFICIENCY LAMPS. MIN EFFICIENCY ESTABLISHED BY NAECA.	
WATER HEATER	ALL MECH. TESTING TO BE PERFORMED BY APPROVED THIRD PARTY. THIS CONTRACTOR ALSO RESPONSIBLE FOR GENERATING CERTIFICATE OF COMPLIANCE AND AFFRING TO ELECTRICAL PANEL.	
MECHANICAL TESTING		

GENERAL NOTES

GENERAL NOTES ARE ACKNOWLEDGED AND SHALL BE ADHERED TO DURING THE CONSTRUCTION

MISC. NOTES:

1. ALL WORK INCLUDING ALL STRUCTURAL, HVAC, ELECTRICAL AND OTHER SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES AND REGULATIONS.
2. CONTRACTOR TO VERIFY AND COORDINATE ALL THE CONDITIONS AND DIMENSIONS AT THE SITE BEFORE BEGINNING OF CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO ARCHITECTURE GROUP IMMEDIATELY.
3. ALL PRE-ENGINEERED MATERIALS, EQUIPMENT, FIXTURES, AND ETC. SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS AND REQUIREMENTS.
4. PRE-ENGINEERED WOOD ROOF TRUSSES AND FLOOR JOISTS SHALL BE DESIGNED FOR THE LOAD INDICATED BY A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF MARYLAND. SHOP DRAWINGS SHALL BE SUBMITTED TO THE COUNTY PLAN REVIEWER FOR APPROVAL PRIOR TO FABRICATION.

REVISED 9/19

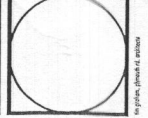
Plymouth Road Architects
 640 Plymouth Road, Catonsville, MD 21229 410-788-0281

DATE:	REVISION:

Date: 10/15
 Scale:
 Drawn: TIM

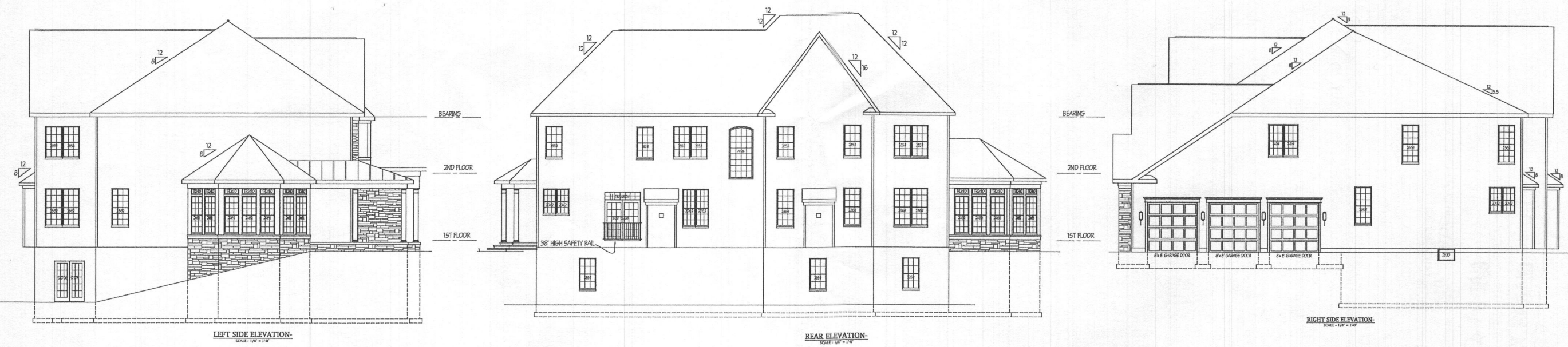
Drawing: COVER PAGE
 Project: WILLIAMSBURG GROUP
 THE WELLINGTON
 ESTATE HOME

1067 WEH
 Project No.



Esm003-

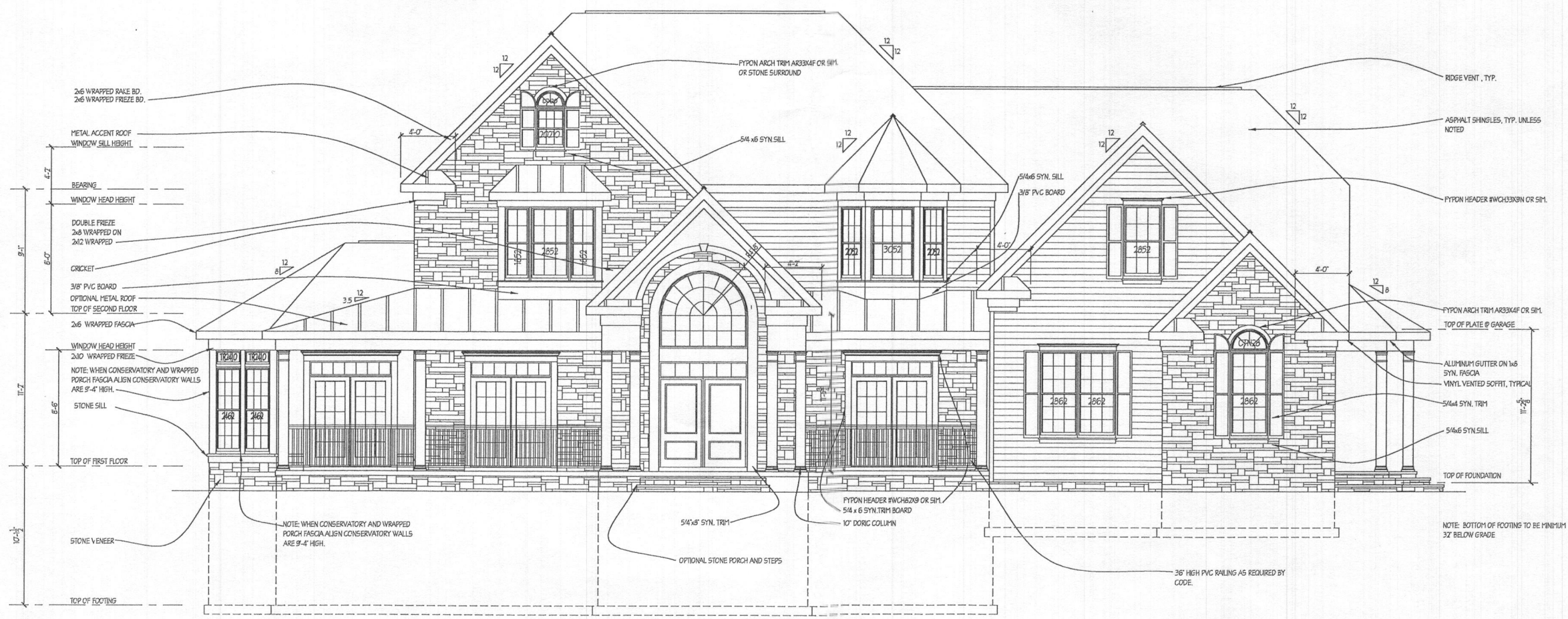
Estate at Schooley Mill Lot 3 7418 Haven Court, Highland, MD 20777



LEFT SIDE ELEVATION
 SCALE: 1/4" = 1'-0"

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

RIGHT SIDE ELEVATION
 SCALE: 1/4" = 1'-0"



FRONT ELEVATION - SHOWN W/ OPT. CONSERVATORY AND SIDE PORCH
 SCALE: 1/4" = 1'-0"

B19003085

REVISION:	DATE:

Date: 10/15
 Scale: NOTED
 Drawn: TIM

Drawing: ELEVATION 3-PARTIAL STONE
 Project: WILLIAMSBURG GROUP
 THE WELLINGTON
 ESTATE HOME

1067W EH
 Project No.



REVISED 12/18

