



Building Permit Application

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

Date Received: _____

Permit No. B70000092

Building Address: 3412 Hilltop Lane
 City: Beltsville State: MD Zip Code: 20712
 Suite/Apt. #: _____ SDP/WP/BA #: _____
 Subdivision: Estates at Beltsville
 Lot: 1 Tax Map: 42-11 Parcel: _____

Existing Use: Vacant Lot
 Proposed Use: Single Family Home
 Estimated Construction Cost: \$ 529,209
 Description of Work: 1.3 BR, 4 BR 2 1/2 story full
2 1/2 story garage porch,
UA wall, etc.

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

Property Owner's Name: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

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 type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse	
No. of stories:	Depth	Width
Gross area, sq. ft./floor:	1st floor:	
	2nd floor:	
Area of construction (sq. ft.):	Basement:	
	<input checked="" type="checkbox"/> Finished Basement	
Use group:	<input type="checkbox"/> Unfinished Basement	
	<input type="checkbox"/> Crawl Space	
Construction type:	<input type="checkbox"/> Slab on Grade	
<input type="checkbox"/> Reinforced Concrete	No. of Bedrooms: <u>4</u>	
<input type="checkbox"/> Structural Steel	Multi-family Dwelling	
<input type="checkbox"/> Masonry	No. of efficiency units:	
<input type="checkbox"/> Wood Frame	No. of 1 BR units:	
<input type="checkbox"/> State Certified Modular	No. of 2 BR units:	
	No. of 3 BR units:	
	Other Structure:	
	Dimensions:	
<input checked="" type="checkbox"/> Roadside Tree Project Permit	Footings:	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Roof:	
Roadside Tree Project Permit #	<input type="checkbox"/> State Certified Modular	
	<input type="checkbox"/> Manufactured Home	

Utilities	
Electric:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Gas:	<input 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 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 type="checkbox"/> Yes <input type="checkbox"/> No	
Grading Permit Number: <u>63000013</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 THIS 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: _____
 Title/Company: _____

Print Name: _____
 Date: 1/1/20

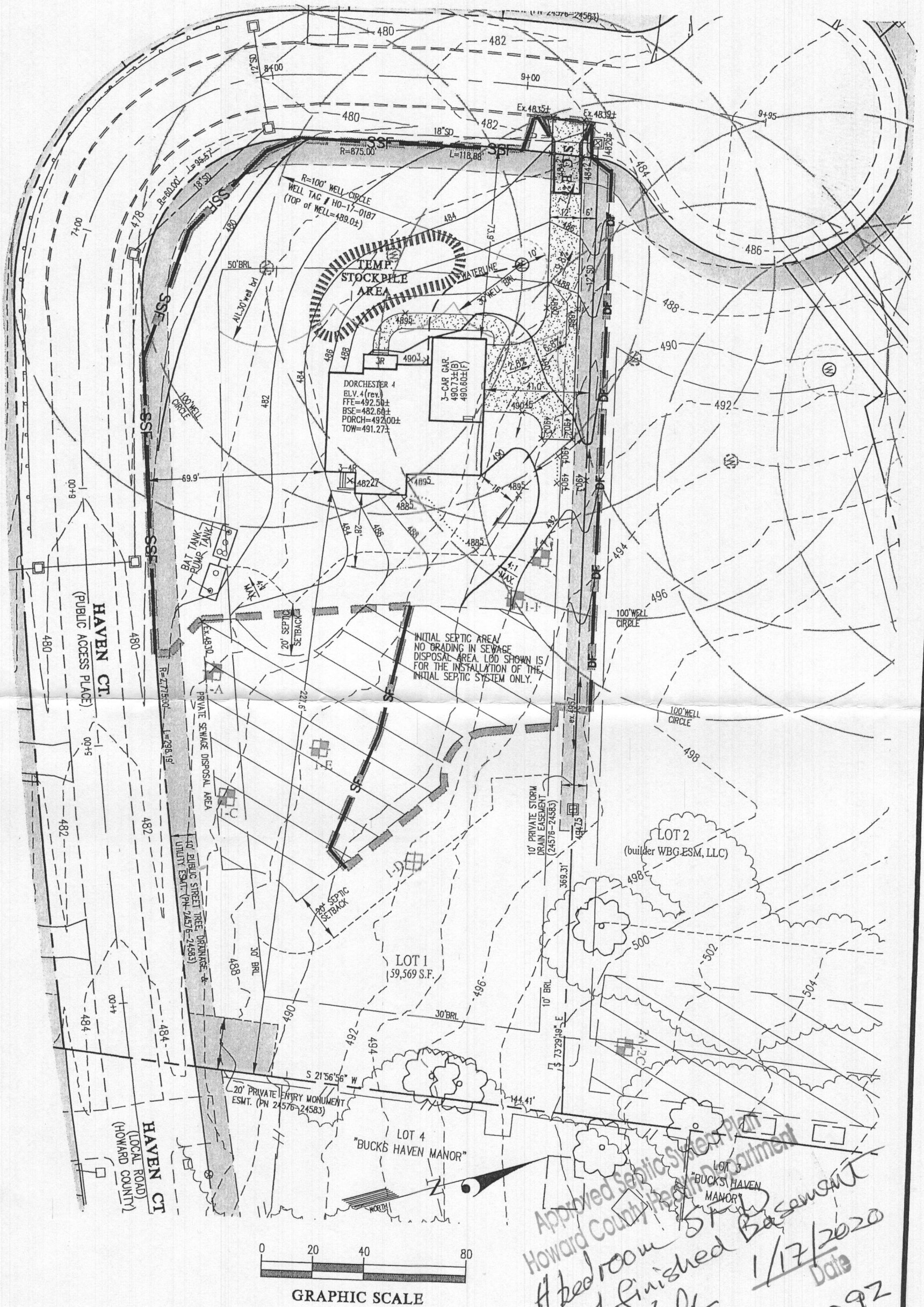
Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY
 PLEASE WRITE NEATLY & LEGIBLY
 -FOR OFFICE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Health	<u>1/17/2020</u>	<u>F. Builder</u>

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

DPZ SETBACK INFORMATION	
Front:	<u>5.0</u>
Rear:	<u>5.0</u>
Side:	<u>5.0</u>
Side St.:	<u>5.0</u>
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 checked="" type="checkbox"/> No
Lot Coverage for New Town Zone:	
SDP/Red-line approval date:	

Filing Fee	\$
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub- Total Paid	\$
Balance Due	\$
Check	#



Approved Septics System Plan
 Howard County Health Department
 1 Bedroom
 w/ Finished Basement
 RBueck
 Signature
 1/17/2020
 Date
 B2000092

BUILDING PERMIT PLOT PLAN



DES.
 DRN.
 CHK.

PREPARED FOR:
 WBG ESM, LLC
 5485 HARPERS FARM ROAD
 COLUMBIA, MD 21044
 PH: 410-997-8800

ESTATES AT SCHOOLEY MILL
 LOT 1 (7410 Haven Court)
 Plat No. 24576-24583

G. L. W. No.	14067
ZONING	RR-DEO
TAX MAP/GRID	40-11
DATE	DEC. 2019
SCALE	1"=40'
SHEET	1 OF 1

Menu Save Reset Cancel Help

Record Detail * (This section is required.)

Permit Type	Permit Number	Opened Date
Building/Residential/New/SFD	B2000092	01/09/2020
Description of Work		
SFD/MODEL "DORCHESTER IV", 2 STORY, Full Basement, Basement = Full Finished, 13R, 4FB, 2HB, 1FP, 3 Car Attached, 4BR, Front Porch, ENERGY METHOD = UA Alternative, Subject to CB-76-2018.		
check spelling		

Address * (This section is required.)

Search Reset Clear Get Parcel & Owner

Street #	Street Name	Street Type	
7410	HAVEN	CT	
Unit Type	Unit #	X Coordinate	Y Coordinate
--Select--		-76.95046	39.16847
City	State	Zip Code	Primary
HIGHLAND	MD	20777	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
847887	93	43.37	457700	778700	321000	RURAL
Legal Description						
IMPS43.3690 ACRES[]12545 SCAGGSVILLE RD[]						
check spelling						

Block	Lot	Census Tract	Council Dist	Inspection Dist	Supervisor Dist	Map #	DAP Zone
	1	805102	5				
Plan Area	State Tax Id	Subdivision Name					
	1405353564						
Section	Area	Tax Map					
		40					
Grid	Zoning District	ADC Map					
40-11	RR-DEO	5051-H4					
SDP No.	Final Plan No.	WP File No.					
Record Plat No.	WS Contract No.	FDP No.	Primary				
			Yes				
Owner Occupied	Year Built	Historic District					
<input type="radio"/> Yes <input checked="" type="radio"/> No		<input type="radio"/> Yes <input checked="" type="radio"/> No					
Historic District Registry No.	Stat Area	Flood Plain					
	5-15A	<input type="radio"/> Yes <input checked="" type="radio"/> No					
Building No							

Owner (This section is not required.)

Search Reset Clear

Name *

WILLIAMSBURG GROUP LLC

Address Line 1

5485 HARPERS FARM ROAD SUITE 200

Address Line 2

Address Line 3

Mail City

COLUMBIA

Mail State

MD

Mail Zip Code

21044

Phone

410-997-8800

Primary

Yes

E-mail

Cell Number

Fax Number

410-997-4358

Professionals (This section is not required.)

Search Reset Clear

License # *	Business Name		
155	WILLIAMSBURG GROUP LLC		
License Type *	First Name	Middle Name	Last Name
Home Bldr <input type="checkbox"/>	BILL		MCBRIDE
Primary	Address Line 1		
Yes <input type="checkbox"/>	5485 HARPERS FARM ROAD SUITE 200		
	Address Line 2		
	City	State	ZIP Code
	COLUMBIA	MD	21044
	Phone 1	Phone 2	Fax
	410-997-8800		410-997-4358
	E-mail		
	BMCBRIDE@WILLIAMSBURGGROUP.COM		

Applicant (This section is not required.)

Search As Owner As Lic. Prof As Contact

Type *	First Name	MI	Last Name
Applicant <input type="checkbox"/>	MARINA		MORRIS
Relationship	Full Name		
Applicant <input type="checkbox"/>	MARINA MORRIS		
Primary	Organization Name		
No <input type="checkbox"/>	WILLIAMSBURG GROUP LLC		
	Street Address		
	5485 HARPERS FARM ROAD SUITE 200		
	Address Line 2		
	City	State	Zip Code
	COLUMBIA	MD	21044
	Phone	Cell	Fax
	410-997-8800		410-997-4358
	E-mail *		
	MARINAMORRIS@WILLIAMSBURGGROUP.COM		

Contact (This section is not required.)

Search As Owner As Lic. Prof As Contact

Type	First Name	MI	Last Name
Contact <input type="checkbox"/>	BILL		MCBRIDE
Relationship	Full Name		
Licensed Professiona <input type="checkbox"/>	BILL MCBRIDE		
Primary	Organization Name		
Yes <input type="checkbox"/>	WILLIAMSBURG GROUP LLC		
	Street Address		
	5485 HARPERS FARM ROAD SUITE 200		
	Address Line 2		
	City	State	Zip Code
	COLUMBIA	MD	21044
	Phone	Cell	Fax
	410-997-8800		410-997-4358
	E-mail		
	BMCBRIDE@WILLIAMSBURGGROUP.COM		

Addtl Info

Est Construction Cost *	Housing Units *	Number of Buildings *	Public Owned
529209	1	0	No <input type="checkbox"/>
Construction Type			
101 - Single Family Houses Detached <input type="checkbox"/>			

BUILDING INFORMATION

BUILDING INFORMATION

Capital Project-No Fee *	Capital Project #	Fee Exempt *	Roadside Tree Project Permit	Roadside Tree Project Permit #	Entrance Permit Req
<input type="radio"/> Yes <input checked="" type="radio"/> No		<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No		<input checked="" type="radio"/> Yes <input type="radio"/> No
Guaranty Fund *	Condominium	Existing Use	Model		
<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No	Vacant Lot <input type="checkbox"/>	SFD/MODEL "DORCHESTER IV"		

No of Stories * Foundation Basement No of Rooms * Full Baths * Half Baths * Other Structure

Bedrooms * Porch Deck No of Fireplaces * Type of Fireplace Energy Code Subject to CB-76-2018

W&S Fees Paid * Yes No Water Supply * Sewage Disposal * Utilities * Heating System * Sprinkler System * Affordable Housing Funding

1st Floor Depth FT 1st Floor Width FT 2nd Floor Depth FT 2nd Floor Width FT Basement Depth FT Basement Width FT Height FT Total Sq Ft * SQFT Occ Sq Ft * SQFT

Building Construction Type Footings Foundation Measurement Walls Roof

Location Survey Approval Date Road Frontage County Expiration Date Additional Description Info

U&O Issued On U & O Comments

[check spelling](#) [check spelling](#)

GRADING INFORMATION

Grading Permit No Grading Certification Required Yes No Grading Certification Received in DILP On Grading Certification Received in CID On

Grading Certification Comments Seasonal Surety Comments

[check spelling](#) [check spelling](#)

Seasonal Grading Surety Depositor Driveway Apron Surety Depositor Stormwater Surety Depositor

GREEN NEIGHBORHOOD INFORMATION

Check List Points Goal Check List Points Achieved Date of Certification

PAYMENT INFORMATION

Check 1 Payee 1 Check 2 Payee 2 SAP Doc No SAP Entered

PRIVATE ON LOT SWM FACILITIES

Green Roofs A1 Yes No Permeable Pavements A2 Yes No Reinforced Turf A3 Yes No

Disconnection of Rooftop Runoff N1 Disconnection of Non Rooftop Runoff N2 Yes No Sheetflow to Conservation Areas N3 Yes No

Rainwater Harvesting M1 Submerged Gravel Wetlands M2 Landscape Infiltration M3 Infiltration Berms M4

Dry Wells M5 Micro Bioretention M6 Rain Gardens M7 Swales M8 Enhanced Filters M9 PSWM Certification Received in CID on

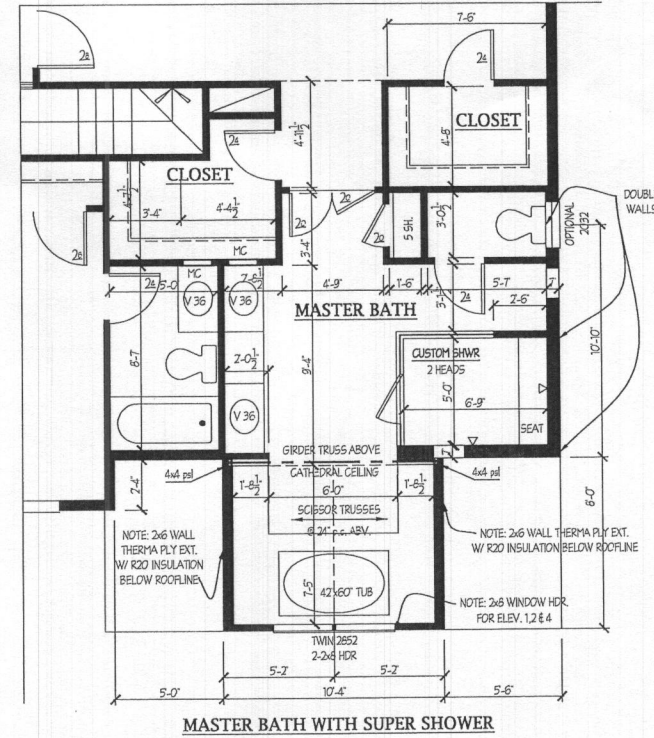
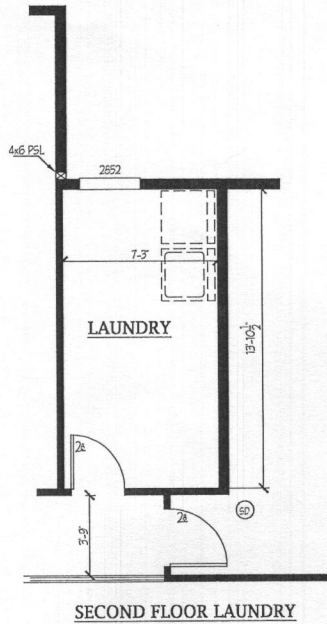
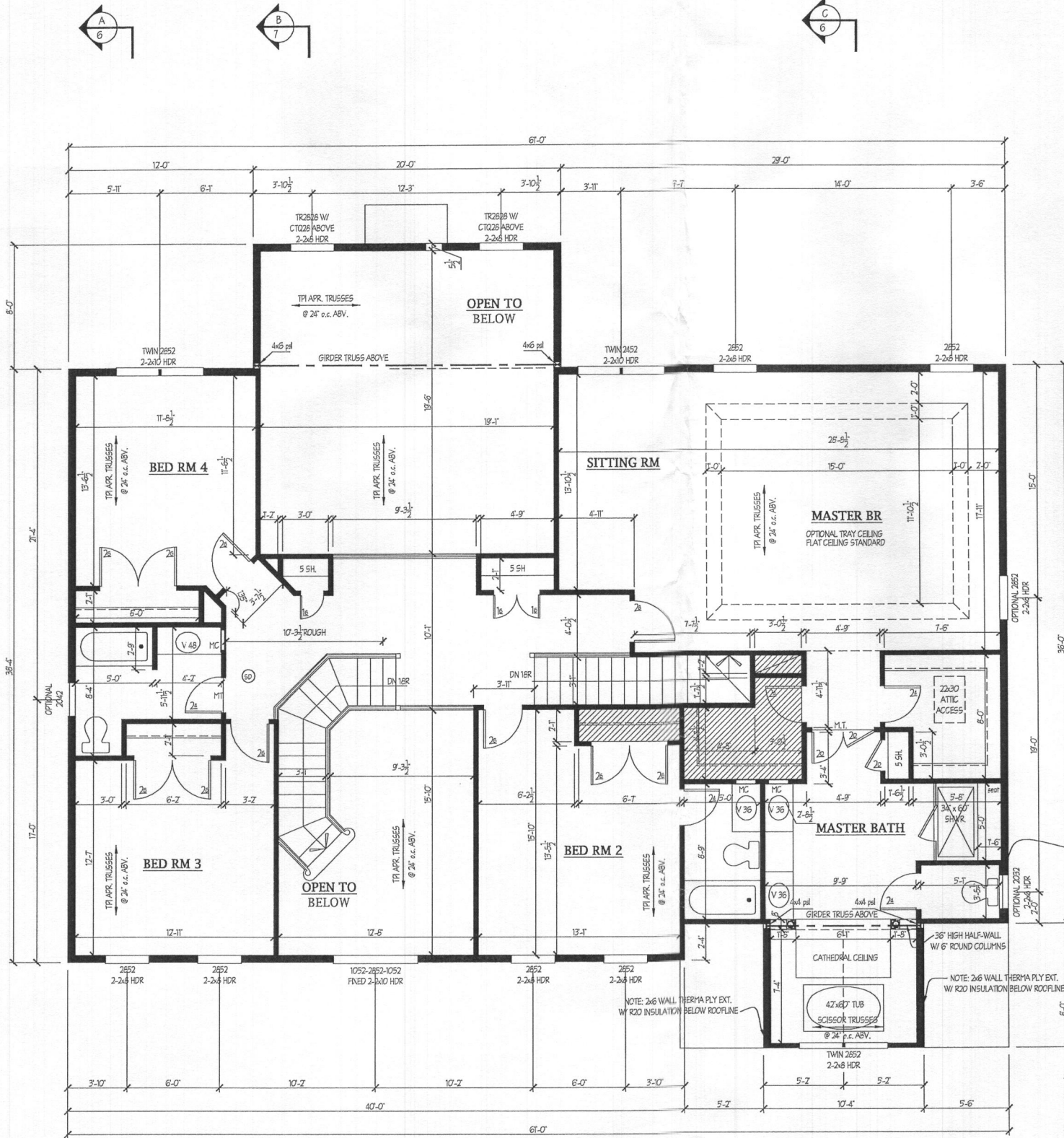
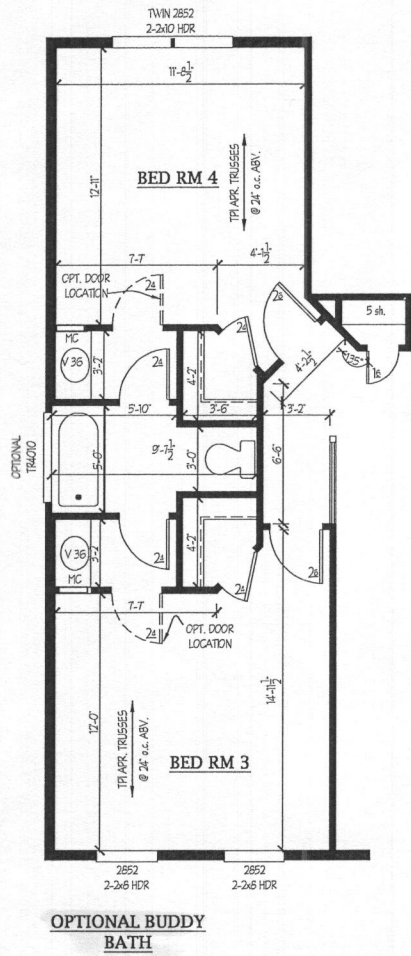
Related Records

1

Permit Number	Record Type Alias	Status	Number	Street Name	Opened Date	Description
G20000018	Residential Grading Permit	Issued	7410	HAVEN	01/09/2020	ESTATES AT SCHOOLEY MILL/ GRADING & SEDIMENT CX
B20000092	Residential New Single Family Dwelling Permit	Review in Process	7410	HAVEN	01/09/2020	SFD/MODEL "DORCHESTER IV", 2 STORY, Full Basement,

1

Submit Cancel



NOTES:
 ROUGH HD HEIGHTS ARE AT 7'-6\"/>

NOTE: SEE SHEET SA_5B FOR PARTIAL PLANS ON ELEVATIONS 3 & 4

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

DATE	REVISION
8/15	changed to 18'

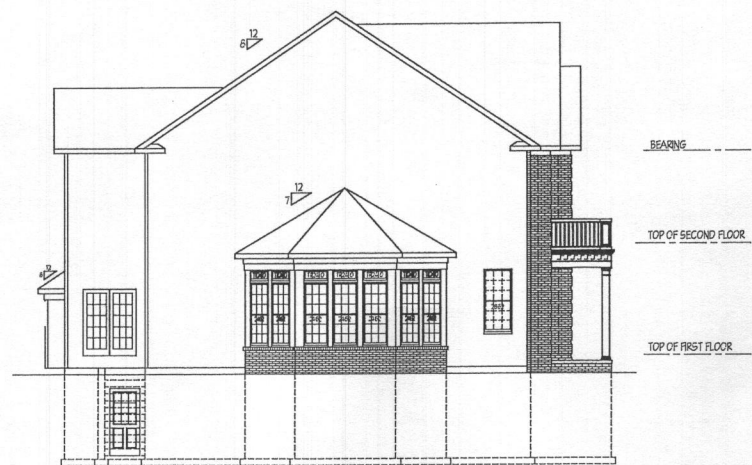
Date: 6/15
 Scale: 1/4"=1'-0"
 Drawn: TIM

Drawing: SECOND FLOOR PLAN
 Project: WILLIAMSBURG GROUP
 DORCHESTER 4
 ESTATE HOME

1067.D4E
 Project No.

4

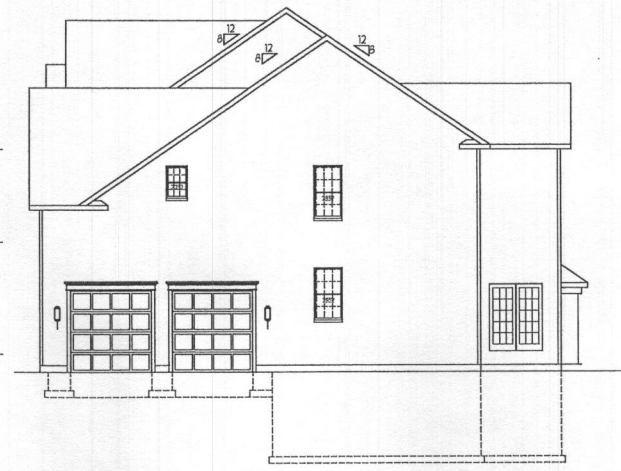
REVISED 10/19



LEFT SIDE ELEVATION 1/8" = 1'-0"
OPTIONAL CONSERVATORY



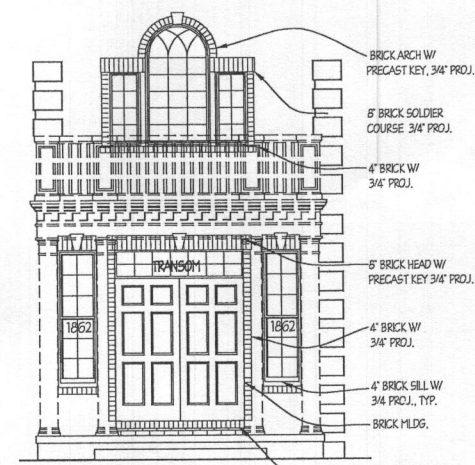
REAR ELEVATION 1/8" = 1'-0"
OPTIONAL WALL OF WINDOWS AND CONSERVATORY



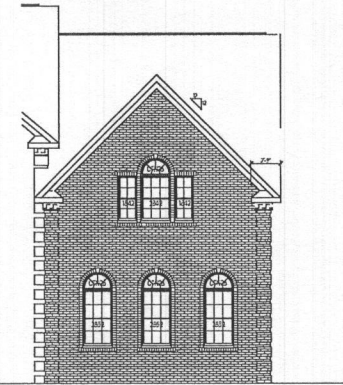
RIGHT SIDE ELEVATION 1/8" = 1'-0"



FRONT ELEVATION 1/4" = 1'-0"
SHOWN WITH OPTIONAL PORTICO PORCH, BRICK VENEER AND CONSERVATORY



FRONT ENTRY 1/4" = 1'-0" BRICK DETAILS



SIDE LOAD CONDITION - 1/8" = 1'-0"



FRONT ELEVATION (CONTINUED)

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

DATE	REVISION

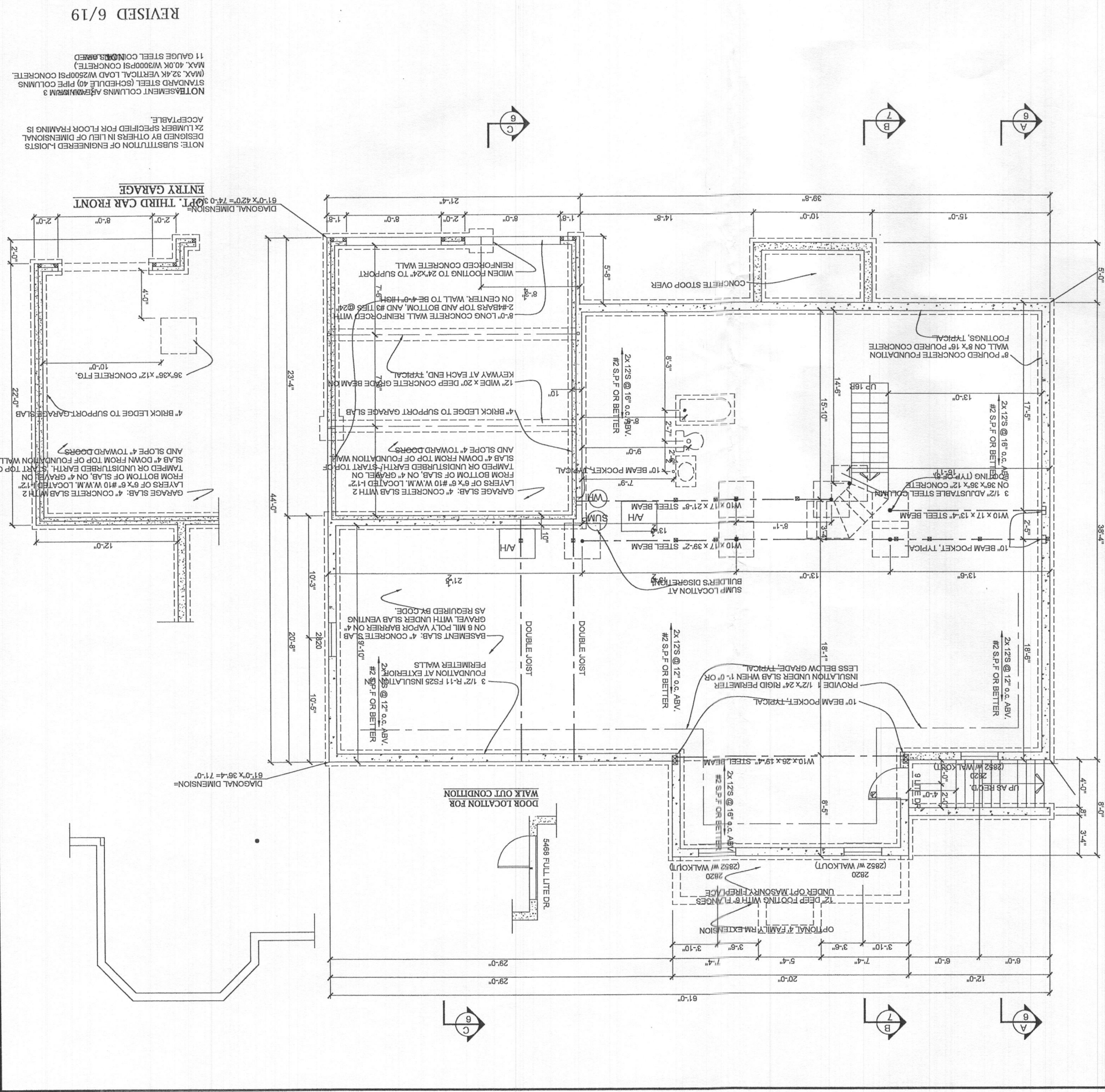
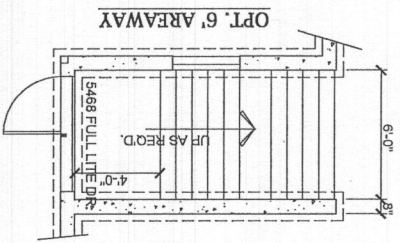
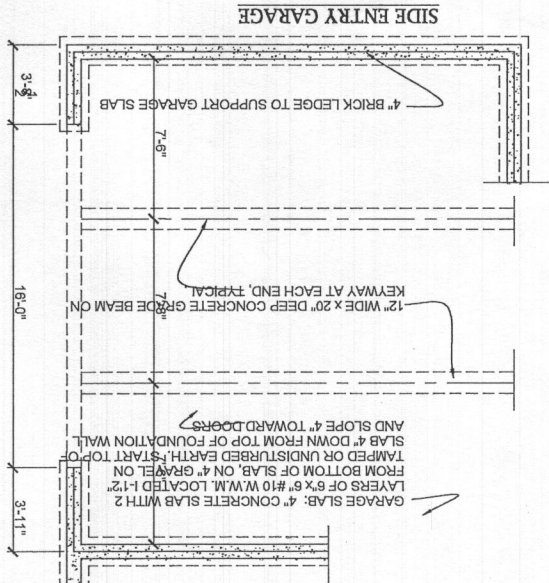
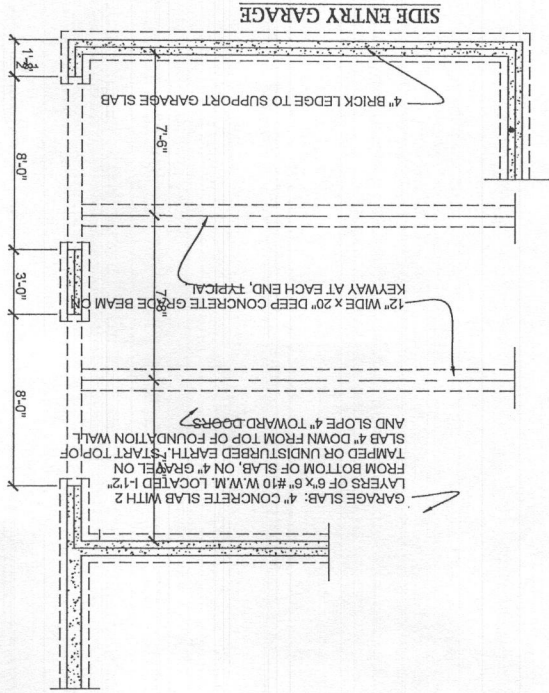
Date: 6/15
Scale: NOTED
Drawn: TIM

Drawing: ELEVATION 4
Project: WILLIAMSBURG GROUP
DORCHESTER ESTATE HOME

1067 D4E
Project No.

1d

REVISED 7/18



2a

Project No. 1067.D4E

Drawing: BSMT./FOUNDATION PLAN

Project: WILLIAMSBURG GROUP DOHCHESTER 4 ESTATE HOME

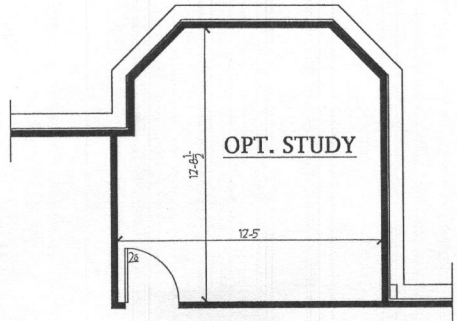
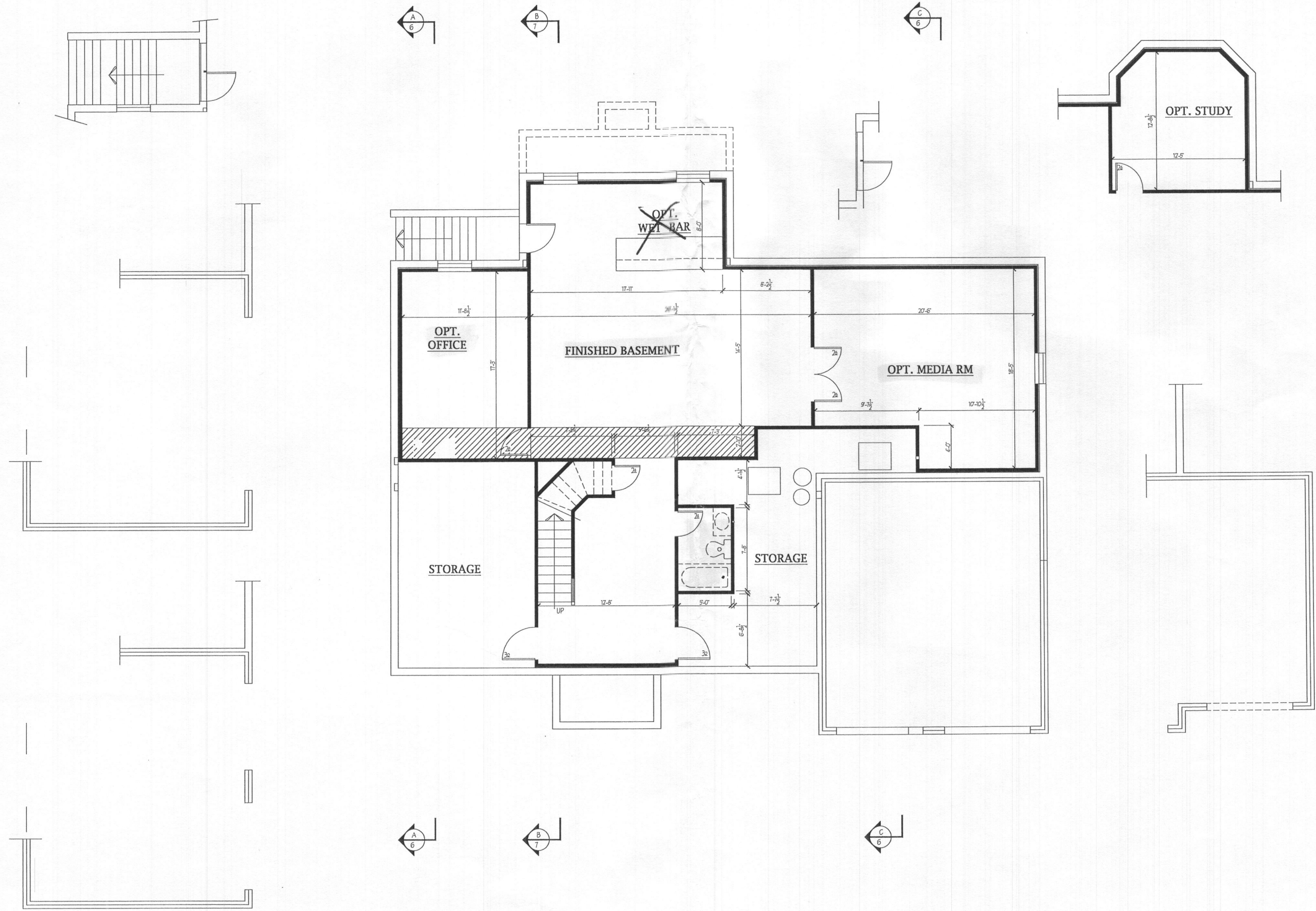
Date: 6/15

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

Drawn: TTM

DATE	REVISION	DATE	REVISION
8/15	changed to 16" steel behind garage		
7/15			

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



REVISED 12/16

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

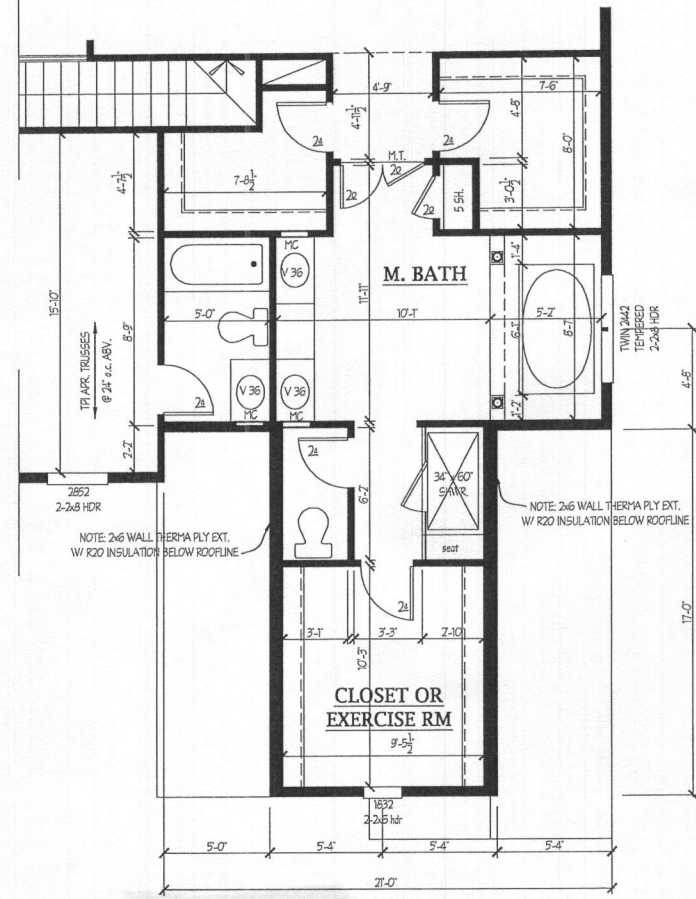
DATE	REVISION

Date: 6/15
 Scale: 1/4" = 1'-0"
 Drawn: TIM

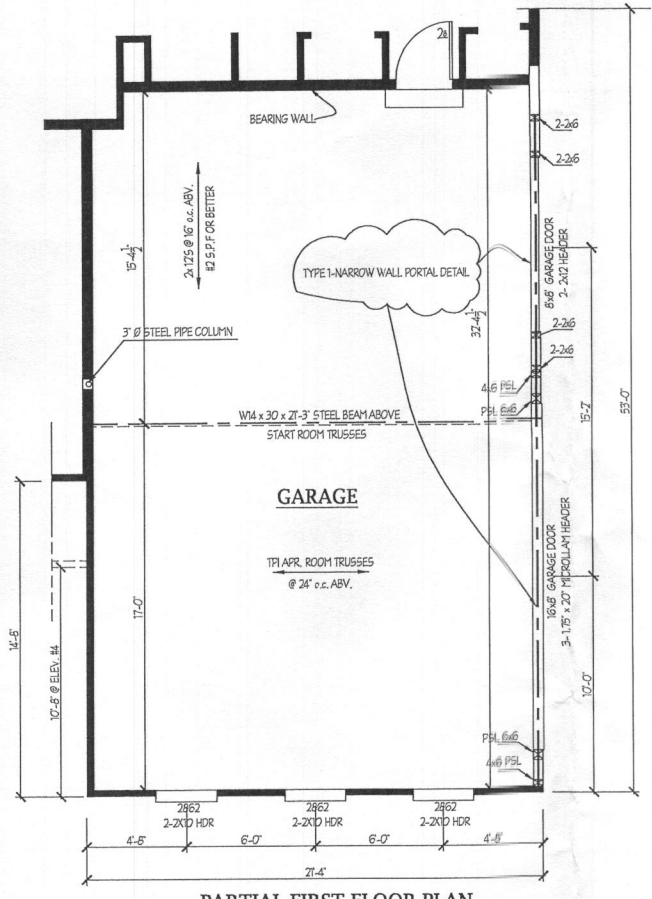
Drawing: FINISHED BSMT PLAN
 Project: WILLIAMSBURG GROUP
 DORCHESTER 4
 ESTATE HOME

1067.D4E
 Project No.

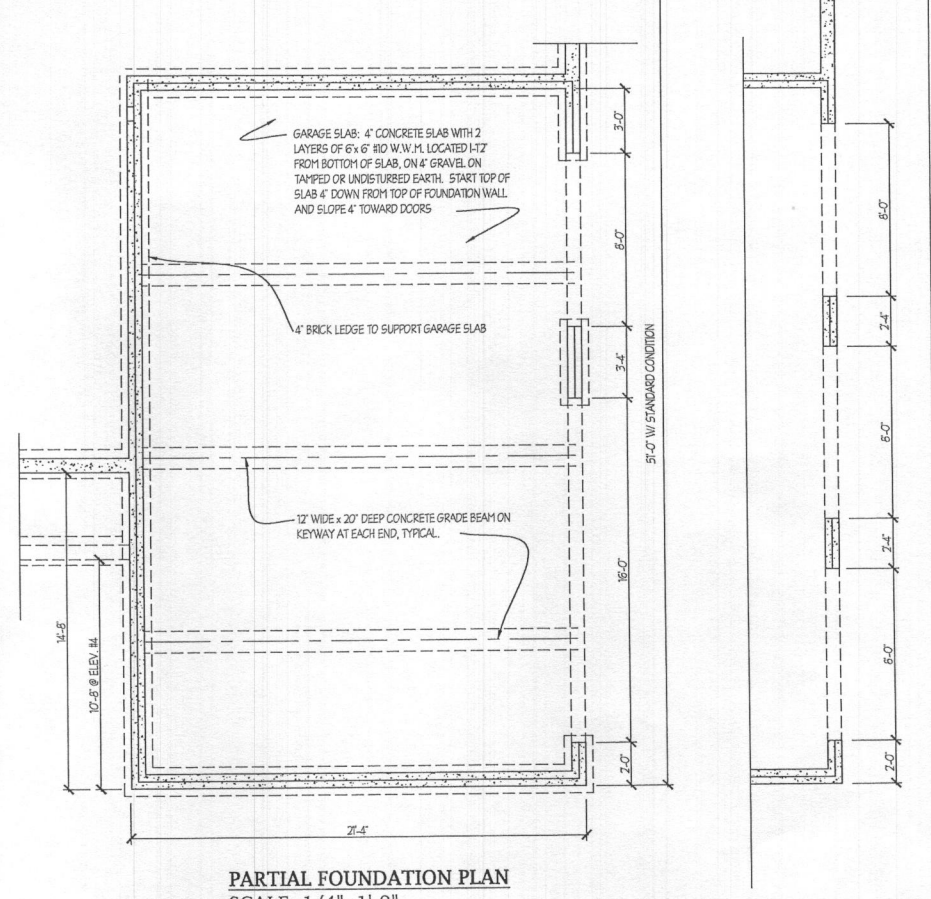
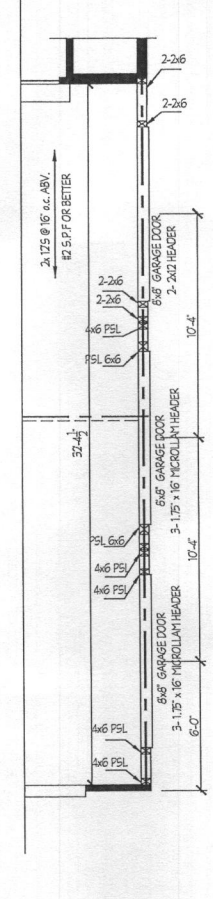
2b



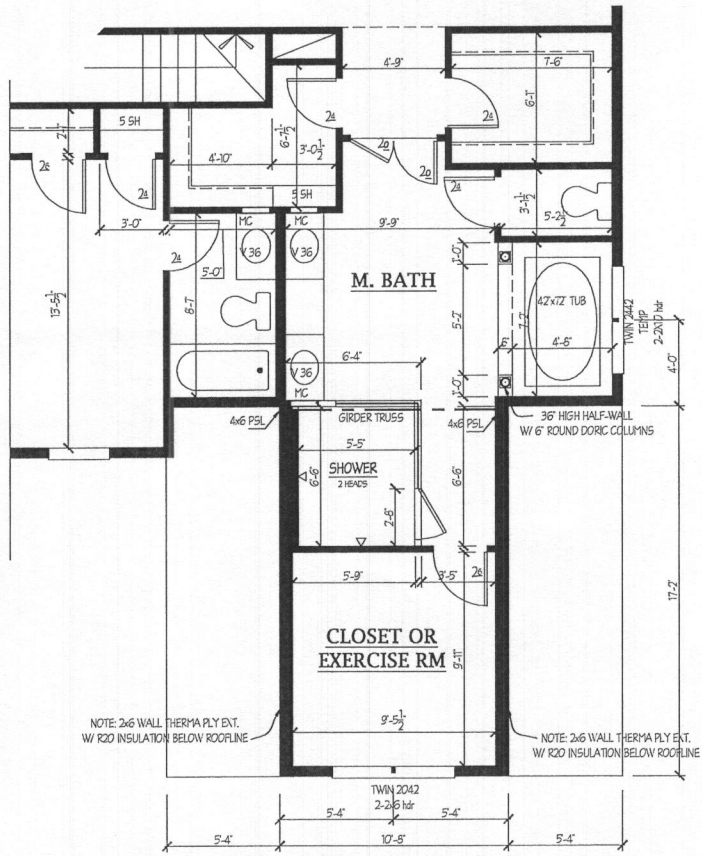
PARTIAL SECOND FLOOR PLAN
SCALE: 1/4"=1'-0"



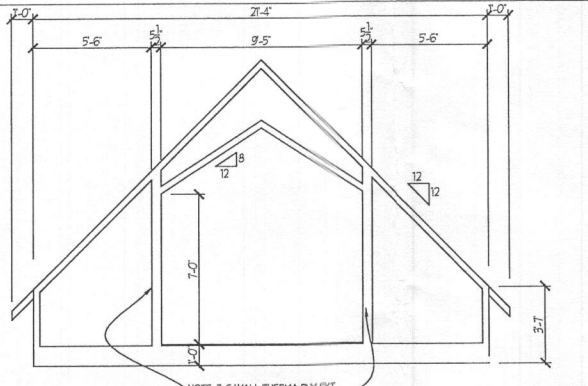
PARTIAL FIRST FLOOR PLAN
SCALE: 1/4"=1'-0"



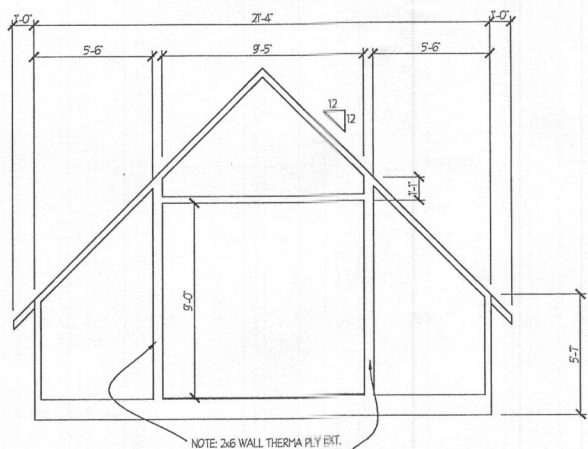
PARTIAL FOUNDATION PLAN
SCALE: 1/4"=1'-0"



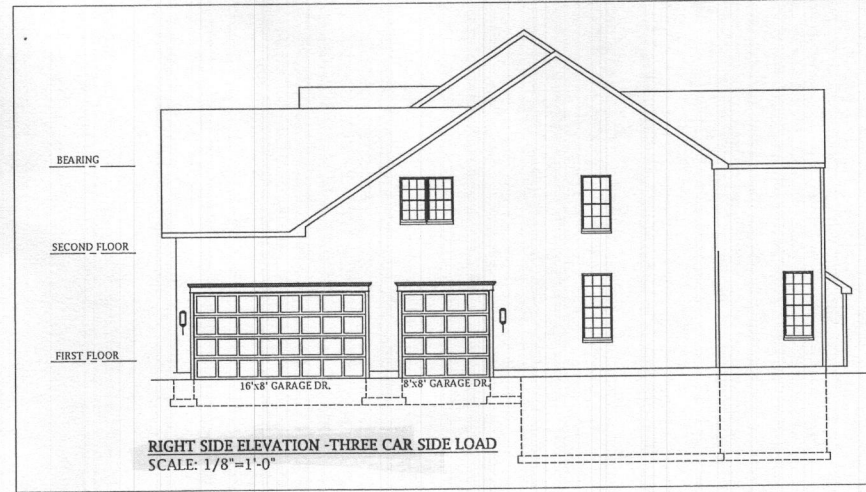
MASTER BATH WITH SUPER SHOWER
SCALE: 1/4"=1'-0"



ELEVATION 5 GARAGE ROOM TRUSS



ELEVATION 1, 4 & 6 GARAGE RM TRUSS



RIGHT SIDE ELEVATION -THREE CAR SIDE LOAD
SCALE: 1/8"=1'-0"

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

DATE	REVISION

Date: 6/15
Scale: NOTED
Drawn: TIM

Drawing: 3 CAR SIDE LOAD GARAGE
Project: WILLIAMSBURG GROUP
DORCHESTER 4
ESTATE HOME

1067 D4E
Project No.

8a

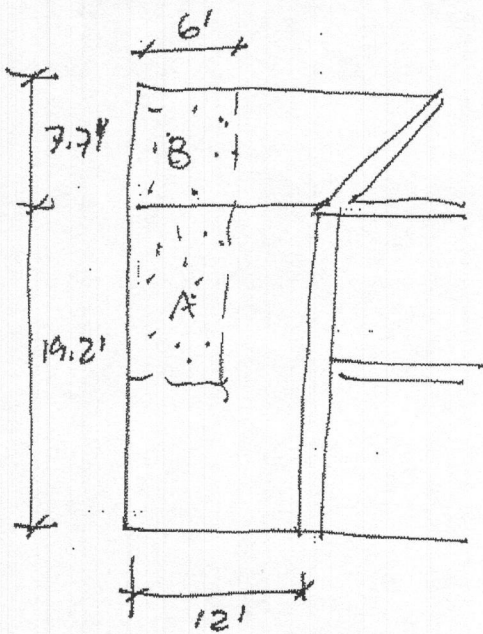
REVISED 7/19

KSE ENGINEERING

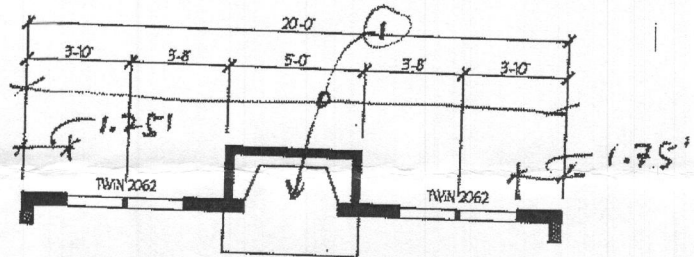
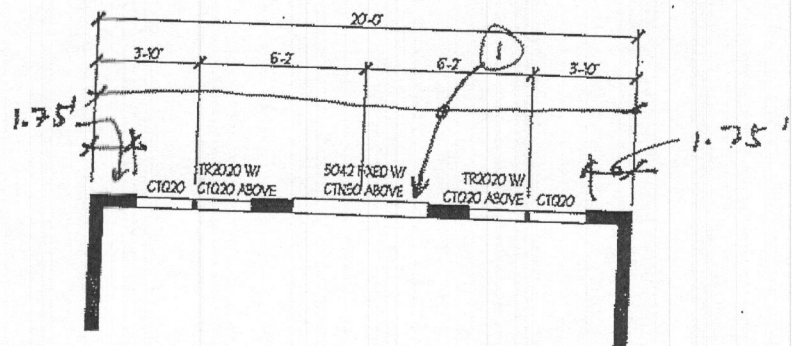
925 Main Street Suite 300
 Pennsburg, PA 18073
 (tel) 215-541-1068
 (tel) 215-541-9694
 (fax) 215-541-9650

JOB DORCHESTER
 SHEET NO. 2 OF _____
 CALCULATED BY [Signature] DATE 12-12-16
 CHECKED BY _____ DATE _____
 PROJECT # _____

FAMILY ROOM RUM WALL BRACING



① PROVIDE A HORIZONTAL SIMPSON CS22 STRAP ABOVE & BELOW ALL OPENINGS PER 1/SK-1



WIND LOADING

2015 IRC 115 mph EXP. B

$$q = 0.00256 K_d K_{zt} K_e V^2 I$$

$K_e = 0.70$ $K_{zt} = 1.0$ $V = 115 \text{ mph}$
 $K_d = 0.85$ $I = 1.0$
 $q = 20.14 \text{ psf}$

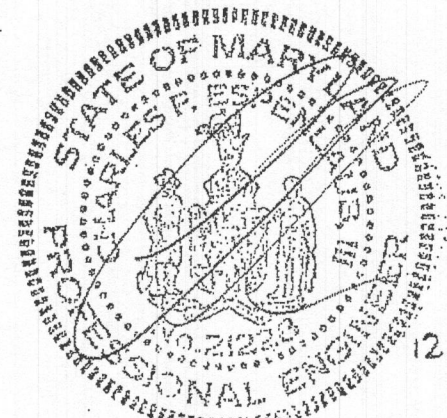
$P = G C_p q A$ $a = 10\% \text{ } u_{min} = 10\% (52') = 5.2'$ $X = 2a = 10.4'$ (END ZONE)

USE END ZONE FOR ENTIRE SECTION

$G C_p \text{ WALL} = 1.17$
 $G C_p \text{ ROOF} = 0.80$ $\text{SEE ATTACHED FIG. 6-10}$

AREA	Height	GCp	q	Load
A	$\frac{19.2}{2} (6')$	1.17	20.14	1357.3 #
B	7.7' (6')	0.80	20.14	745.5 #
				<u>2102.8 #</u>

LOAD COMBINATION TO CONVERT
 ULTIMATE LOADS TO ASD LOADS = 0.6W $\rightarrow \times 0.6$
 1261.7 #



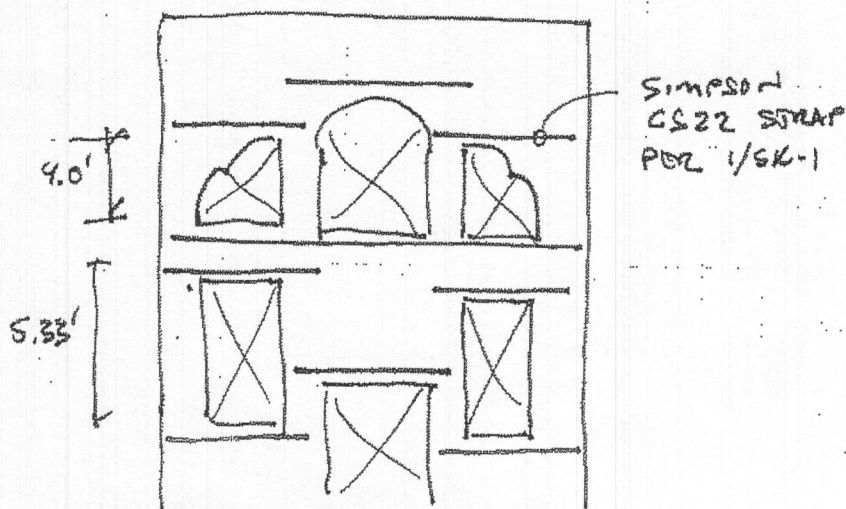
"Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 21228, Expiration Date: 5/22/2018."

KSE ENGINEERING

925 Main Street Suite 300
 Pennsburg, PA 18073
 (tel) 215-541-1068
 (tel) 215-541-9694
 (fax) 215-541-9650

JOB DORCHESTER
 SHEET NO. 2 OF _____
 CALCULATED BY d DATE 12-12-16
 CHECKED BY _____ DATE _____
 PROJECT # _____

TRUST WALL AS A PERFORATED SHEAR WALL WITH STRAPS AT OPENINGS.



WITH STRAPS (RESTRAINED) OPNG CORNERS THE HEIGHT OF SHEAR WALL PANEL (FOR ASPECT RATIOS) IS THE HEIGHT OF OPNG. MIN ASPECT RATIO FOR SHEAR WALL PANELS IS 3.5:1

$$\frac{5.33'}{1.75'} = 3.05 < 3.5 \checkmark \text{OK.}$$

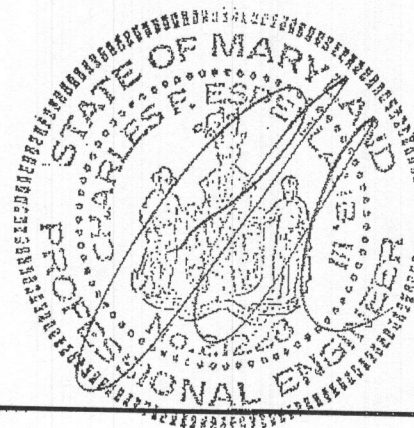
WALL ELEVATION

SEE ATTACHED "PERFORATED SHEAR WALL" SPREAD SHEET: CALCULATOR

THIS WALL, WITH TWO 1.75' WIDE PANELS, CS22 HORIZ. STRAPS AT OPNG'S, & WITH 7/16" OSB SHEATHING NAILLED WITH 8d NAILS @ 6" O.C. AT EDGES & 12" O.C. AT INTERMEDIATE SUPPORTS CAN RESIST THE 1261.7 # WIND LOAD. IT IS ALSO STABLE FOR OVERTURNING AND NEED NO HOLDDOWNS.

THESE CALCULATIONS ARE ONLY FOR THE REAR WALL OF THE FAMILY ROOM RESISTING WIND ON THE FAMILY ROOM EXTENSION. KSE ENGINEERING HAS NOT DESIGNED NOR REVIEWED THE LATERAL LOAD RESISTING SYSTEM FOR THE REMAINDER OF THE HOUSE & TAKES NO RESPONSIBILITY FOR IT.

"Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licenced professional engineer under the laws of the State of Maryland, License No. 21228, Expiration Date: 5/23/2018."



12-16-16

KSE Engineering, P.C.
 1900 AM Drive, Ste 210
 Quakertown, PA 18951
 215-541-1068

ASCE-7-10, Figure 6-10
External Pressure Coefficients, GCp
Low-rise Walls and Roofs

Project: Dorchester
 Project #: 075-15003
 Date: 12/12/16
 By: Charles F. Espenlaub, III

Dorchester

Roof Angle	Building Surface									
	1	2	3	4	5	6	1E	2E	3E	4E
0-5	0.40	-0.69	-0.37	-0.29	-0.45	-0.45	0.61	-1.07	-0.53	-0.43
20	0.53	-0.69	-0.48	-0.43	-0.45	-0.45	0.80	-1.07	-0.69	-0.64
30-45	0.56	0.21	-0.43	-0.37	-0.45	-0.45	0.69	0.27	-0.53	-0.48
90	0.56	0.56	-0.37	-0.37	-0.45	-0.45	0.69	0.69	-0.48	-0.48

Type	Roof Angle	Roof Area	1	2	3	4	5	6	1E	2E	3E	4E
A	7:12	30.26	0.560	0.210	-0.430	-0.370	-0.450	-0.450	0.690	0.270	-0.530	-0.480
B	8:12	33.69	0.560	0.210	-0.430	-0.370	-0.450	-0.450	0.690	0.270	-0.530	-0.480
C	5:12	22.62	0.538	-0.454	-0.467	-0.414	-0.450	-0.450	0.771	-0.719	-0.648	-0.598
D	10:12	39.81	0.560	0.210	-0.430	-0.370	-0.450	-0.450	0.690	0.270	-0.530	-0.480

Surface	GCp	Surface	GCp
1	0.560	1E	0.690
4	-0.370	4E	-0.480
1+4	0.930	1E+4E	1.170
2	0.210	2E	0.270
3	-0.430	3E	-0.530
2+3	0.640	2E+3E	0.800

Surface	GCp	Surface	GCp
1	0.560	1E	0.690
4	-0.370	4E	-0.480
1+4	0.930	1E+4E	1.170
2	0.210	2E	0.270
3	-0.430	3E	-0.530
2+3	0.640	2E+3E	0.800

Surface	GCp	Surface	GCp
1	0.538	1E	0.771
4	-0.414	4E	-0.598
1+4	0.952	1E+4E	1.369
2	-0.454	2E	-0.719
3	-0.467	3E	-0.648
2+3	0.013	2E+3E	-0.071

Surface	GCp	Surface	GCp
1	0.560	1E	0.690
4	-0.370	4E	-0.480
1+4	0.930	1E+4E	1.170
2	0.210	2E	0.270
3	-0.430	3E	-0.530
2+3	0.640	2E+3E	0.800