



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.: B17005770

Building Address: _____
 City: _____ State: _____ Zip Code: _____
 Suite/Apt. # _____ SDP/WP/BA #: _____
 Census Tract: _____ Subdivision: _____
 Section: _____ Area: _____ Lot: _____
 Tax Map: _____ Parcel: _____ Grid: _____
 Zoning: _____ Map Coordinates: _____ Lot Size: _____

Existing Use: _____
 Proposed Use: _____
 Estimated Construction Cost: \$ _____
 Description of Work: _____

Occupant/Tenant Name: _____
 Was tenant space previously occupied? Yes No
 Contact Name: _____
 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: _____	1 st floor: _____
Area of construction (sq. ft.): _____	2 nd floor: _____
Use group: _____	Basement: _____
Construction type:	<input type="checkbox"/> Finished Basement
<input type="checkbox"/> Reinforced Concrete	<input 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: _____
<input type="checkbox"/> State Certified Modular	Multi-family Dwelling
	No. of efficiency units: _____
	No. of 1 BR units: _____
	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 type="checkbox"/> No	Roof: _____
Roadside Tree Project Permit #	<input type="checkbox"/> State Certified Modular
	<input type="checkbox"/> Manufactured Home

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.: _____
 Phone: _____ Fax: _____
 Email: _____

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

Utilities	
Electric:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Gas:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Water Supply	
<input type="checkbox"/> Public	
<input type="checkbox"/> Private	
Sewage Disposal	
<input type="checkbox"/> Public	
<input type="checkbox"/> Private	
Heating System	
<input type="checkbox"/> Electric <input type="checkbox"/> Oil	
<input 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: _____	
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: _____ Print Name: _____
 Email Address: _____ Date: _____
 Title/Company: _____

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

AGENCY	DATE	SIGNATURE OF APPROVAL	DPZ SETBACK INFORMATION	Filing Fee	\$
State Highways			Front: _____	Permit Fee	\$ 100
Building Officials			Rear: _____	Tech Fee	\$ 10
PSZA (Zoning)			Side: _____	Excise Tax	\$
PSZA (Engineering)			Side St.: _____	PSFS	\$
Health			All minimum setbacks met? <input type="checkbox"/> Yes <input type="checkbox"/> No	Guaranty Fund	\$
			Is Entrance Permit Required? <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l per Fee	\$
			Historic District? <input type="checkbox"/> Yes <input type="checkbox"/> No	Total Fees	\$ 110.00
			Lot Coverage for New Town Zone: _____	Sub- Total Paid	\$
			SDP/Red-line approval date: _____	Balance Due	\$
				Check	# 2734

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

Williams, Jeffrey

From: Jhan Tangires <tangires@glenelg.org>
Sent: Friday, July 21, 2017 9:48 AM
To: Williams, Jeffrey
Subject: GCS Enrollment

Jeff,

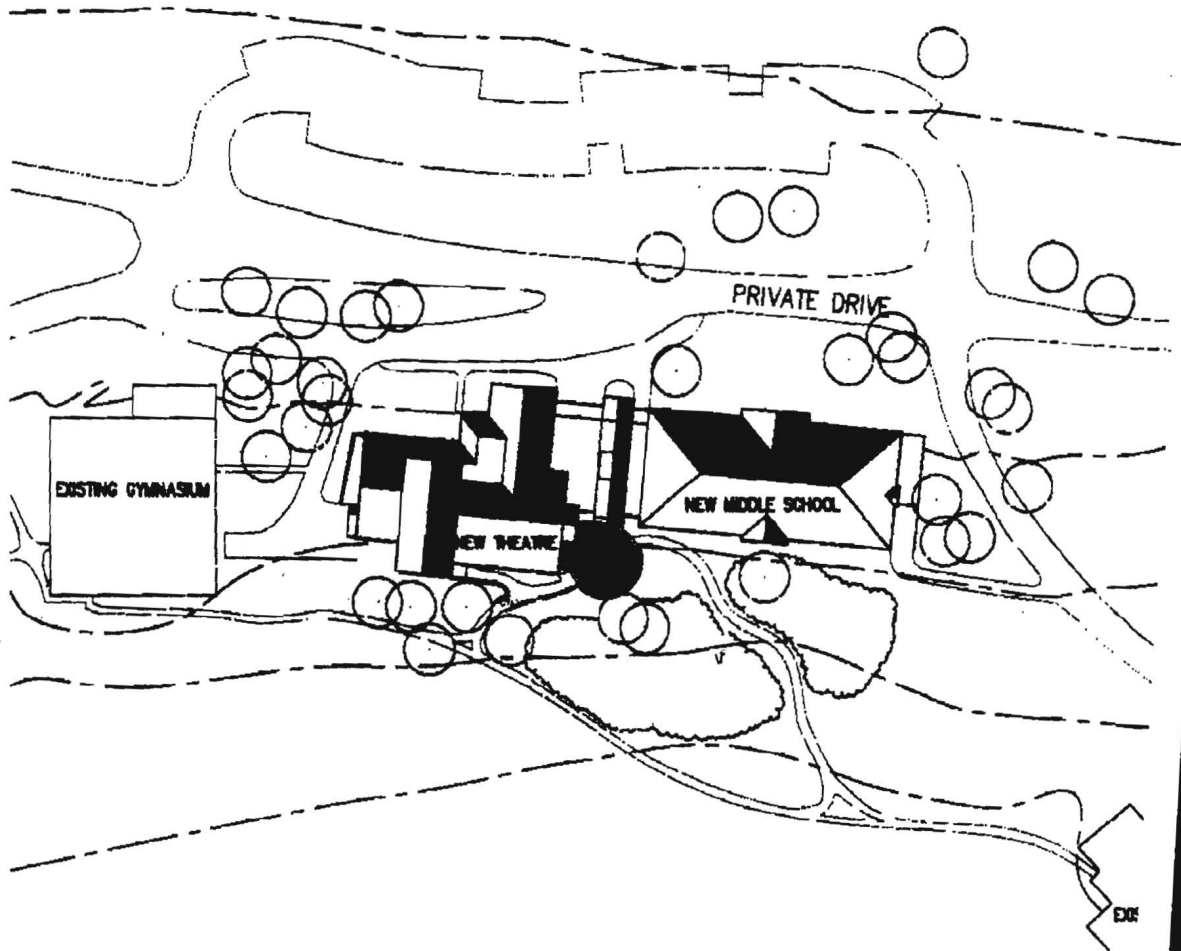
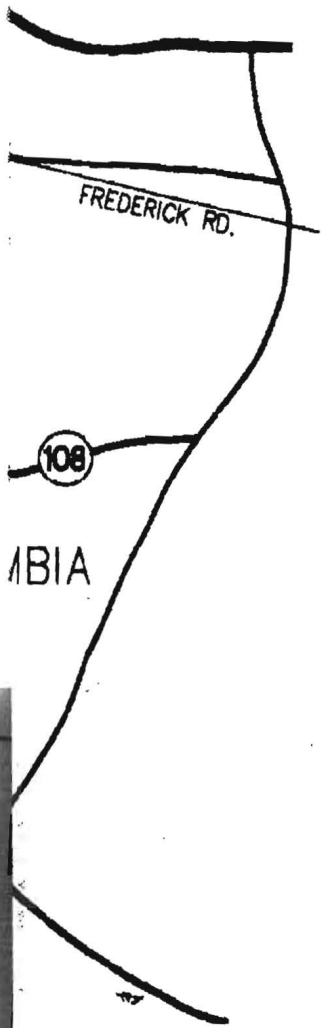
It was nice speaking with you earlier. Our projected enrollment for 17/18 as of today, which includes applications in progress is as follows:

Primary Building	103 - 104
Manor House/LS	151 - 152
Middle School	168 - 171
Upper School	315 - 317
Total	737 - 744

Please let me know if you have any other questions.

Jhan

Jhan S. Tangires
Chief Financial Officer
Glenelg Country School
tangires@glenelg.org
410-531-7321



1"=100'

GENERAL NOTES:

- ACCESS TO BUILDING FOR PERSONS IN WHEELCHAIRS IS DESIGNED BY AND FIELD BUILT BY OTHERS AND SUBJECT TO LOCAL JURISDICTION APPROVAL. THE PRIMARY ENTRANCE MUST BE ACCESSIBLE.
- ALL DOORS SHALL BE OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY, TOOL, SPECIAL KNOWLEDGE OR EFFORT. MANUALLY OPERATED FLUSH BOLTS OR SURFACE BOLTS SHALL NOT BE USED.
- ALL GLAZING WITHIN A 24 INCH ARC OF DOORS, WHOSE BOTTOM EDGE IS LESS THAN 60 INCHES ABOVE THE FLOOR, AND ALL GLAZING IN DOORS SHALL BE SAFETY, TEMPERED OR ACRYLIC PLASTIC SHEET.
- ALL STEEL STRAPS REFERENCED ON FLOOR PLAN SHALL BE 1.5 INCH x 26 GA. WITH 7 - 15 GA. x 7/16 INCH CROWN x 1 INCH STAPLES EACH END OF STRAP OR EQUIVALENT FROM RIDGE BEAM TO COLUMN, AND COLUMN TO FLOOR.
- PORTABLE FIRE EXTINGUISHER PER N.F.P.A. - 10 INSTALLED BY OTHERS ON SITE, AND SUBJECT TO LOCAL JURISDICTION.
- PROVISIONS FOR EXIT DISCHARGE LIGHTING ARE THE RESPONSIBILITY OF THE BUILDING OWNER AND SUBJECT TO LOCAL JURISDICTION APPROVAL WHEN NOT SHOWN ON THE FLOOR PLAN (INCLUDING EMERGENCY LIGHTING, WHEN REQUIRED).
- WHEN LOW SIDES OF ROOF PROVIDE LESS THAN 6" OF OVERHANG, GUTTERS AND DOWN SPOUTS SHALL BE SITE INSTALLED, DESIGNED BY OTHERS, SUBJECT TO LOCAL JURISDICTION APPROVAL.
- IN WIND-BORNE DEBRIS REGIONS, EXTERIOR GLAZING SHALL BE IMPACT RESISTANT OR PROTECTED WITH AN IMPACT RESISTANT COVERING MEETING THE REQUIREMENTS OF AN APPROVED IMPACT RESISTANT STANDARD, OR ASTM E1996. WIND-BORNE DEBRIS REGIONS ARE DESIGNATED IN SECTION 1609 OF THE IBC AND NCBC.
- WINDOWS AND DOORS MUST BE CERTIFIED FOR COMPLIANCE WITH THE WIND DESIGN PRESSURE FOR COMPONENTS AND CLADDING.
- THIS BUILDING IS DESIGNED FOR NORTH CAROLINA THERMAL ZONE 4a.
- A FIRE ALARM MUST BE SITE INSTALLED BY OTHERS, SUBJECT TO APPROVAL BY AUTHORITY HAVING JURISDICTION.
- FOR NC INSTALLATION, REQUIRED EGRESS WINDOWS SHALL HAVE BOTTOM OF CLEAR OPENING NOT GREATER THAN 44" MEASURED FROM THE FLOOR. FOR CLASSROOMS SERVING 5TH GRADE AND LOWER THE BOTTOM OF THE CLEAR OPENING SHALL NOT BE MORE THAN 32" MEASURED FROM THE FLOOR.

PLUMBING NOTES:

- WHEN RESTROOM FACILITIES AND/OR PLUMBING FIXTURES REQUIRED PER IPC & NCPC SECTION 403 ARE NOT PROVIDED WITHIN THE BUILDING, IT MUST BE PROVIDED ON SITE AND BE HANDICAPPED ACCESSIBLE, AND ARE SUBJECT TO THE APPROVAL OF THE LOCAL JURISDICTION HAVING AUTHORITY (THIS NOTE SHALL BE INDICATED ON THE DATA PLATE).

ELECTRICAL NOTES:

- ALL CIRCUITS AND EQUIPMENT SHALL BE GROUNDED IN ACCORDANCE WITH THE APPROPRIATE ARTICLES OF THE NATIONAL ELECTRICAL CODE (NEC).
- WHEN LIGHT FIXTURES ARE INSTALLED IN CLOSETS THEY SHALL BE SURFACE MOUNTED OR RECESSED. INCANDESCENT FIXTURES SHALL HAVE COMPLETELY ENCLOSED LAMPS. SURFACE MOUNTED INCANDESCENT FIXTURES SHALL HAVE A MINIMUM CLEARANCE OF 12 INCHES AND ALL OTHER FIXTURES SHALL HAVE A MINIMUM CLEARANCE OF 6 INCHES FROM "STORAGE AREA" AS DEFINED BY NEC 410-8(a).
- WHEN WATER HEATERS ARE INSTALLED THEY SHALL BE PROVIDED WITH READILY ACCESSIBLE DISCONNECTS ADJACENT TO THE WATER HEATERS SERVED. THE BRANCH CIRCUIT SWITCH OR CIRCUIT BREAKER SHALL BE PERMITTED TO SERVE AS THE DISCONNECTING MEANS ONLY WHERE THE SWITCH OR CIRCUIT BREAKER IS WITHIN SIGHT FROM THE WATER HEATER OR IS CAPABLE OF BEING LOCKED IN THE OPEN POSITION.
- HVAC EQUIPMENT SHALL BE PROVIDED WITH READILY ACCESSIBLE DISCONNECTS ADJACENT TO THE EQUIPMENT SERVED. A UNIT SWITCH WITH A MARKED "OFF" POSITION THAT IS A PART OF THE HVAC EQUIPMENT AND DISCONNECTS ALL UNGROUNDED CONDUCTORS SHALL BE PERMITTED AS THE DISCONNECTING MEANS WHERE OTHER DISCONNECTING MEANS ARE ALSO PROVIDED BY A READILY ACCESSIBLE CIRCUIT BREAKER.
- PRIOR TO ENERGIZING THE ELECTRICAL SYSTEM THE INTERRUPTING RATING OF THE MAIN BREAKER MUST BE DESIGNED AND VERIFIED AS BEING IN COMPLIANCE WITH SECTION 110-9 OF THE NEC BY LOCAL ELECTRICAL CONSULTANT.
- THE MAIN ELECTRICAL PANEL AND FEEDERS ARE DESIGNED BY OTHERS, SITE INSTALLED AND SUBJECT TO LOCAL JURISDICTION APPROVAL.
- ALL CIRCUITS CROSSING OVER MODULE MATING LINE(S) SHALL BE SITE CONNECTED WITH APPROVED ACCESSIBLE JUNCTION BOXES, OR CABLE CONNECTORS.
- ALL RECEPTACLES INSTALLED IN WET LOCATIONS (EXTERIOR) SHALL BE IN WEATHER PROOF (WP) ENCLOSURES, THE INTEGRITY OF WHICH IS NOT AFFECTED WHEN AN ATTACHMENT PLUG CAP IS INSERTED OR REMOVED. THE RECEPT ITSELF SHALL ALSO BE LISTED FOR DAMP AND WET LOCATIONS AS PER NEC AND NCEC.
- EXTERIOR LIGHTS NOT INTENDED FOR 24 HOUR USE SHALL BE CONNECTED TO A PHOTOCELL OR TIMER.
- THE BUILDINGS FIRE ALARM SYSTEM (PROTECTIVE SIGNALING SYSTEMS, FIRE DETECTION SYSTEMS, ETC.) SHALL BE DESIGNED IN ACCORDANCE WITH NFPA 101 AND NFPA 72 AND SITE INSTALLED BY OTHERS SUBJECT TO LOCAL BUILDING OFFICIAL REVIEW AND APPROVAL. THE FIRE ALARM CONTROL PANEL MUST BE INSTALLED IN A HIGHLY VISIBLE LOCATION ACCEPTABLE TO THE LOCAL AUTHORITY HAVING JURISDICTION. (THE FACP CANNOT BE INSTALLED IN A CLOSET OR BATHROOM).
- TAMPER RESISTANT RECEPPTS SHALL BE INSTALLED IN CHILD CARE FACILITIES WITH KIDS AGE 7 AND YOUNGER.

ACCESSIBILITY NOTES:

- THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SIGN SHALL BE DISPLAYED AT ALL ACCESSIBLE RESTROOM FACILITIES AND AT ACCESSIBLE BUILDING ENTRANCES UNLESS ALL ENTRANCES ARE ACCESSIBLE. INACCESSIBLE ENTRANCES SHALL HAVE DIRECTIONAL SIGNS INDICATING THE ROUTE TO THE NEAREST ACCESSIBLE ENTRANCE.
- ACCESSIBLE DRINKING FOUNTAINS SHALL HAVE A SPOUT HEIGHT NO HIGHER THAN 36 INCHES ABOVE THE FLOOR AND EDGE OF BASIN NO HIGHER THAN 34 INCHES ABOVE THE FLOOR FOR INDIVIDUALS IN WHEELCHAIRS. ADDITIONALLY, DRINKING WATER PROVISIONS SHALL BE MADE FOR INDIVIDUALS WHO HAVE DIFFICULTY BENDING.
- WHERE STORAGE FACILITIES SUCH AS CABINETS, SHELVES, CLOSETS AND DRAWERS ARE PROVIDED AT LEAST ONE TYPE PROVIDED SHALL CONTAIN STORAGE SPACE COMPLYING WITH THE FOLLOWING: DOORS ETC. TO SUCH SPACES SHALL BE ACCESSIBLE (I.E. TOUCH LATCHES, U-SHAPED PULLS); SPACES SHALL BE 15 INCHES MINIMUM AND 48 INCHES MAXIMUM ABOVE THE FLOOR FOR FORWARD REACH OR SIDE REACH; CLOTHES RODS OR COAT HOOKS SHALL BE A MAXIMUM OF 48 INCHES ABOVE THE FLOOR (46 INCHES MAXIMUM WHEN DISTANCE FROM WHEEL CHAIR TO ROD EXCEEDS 10 INCHES); SHELVES IN KITCHENS OR TOILET ROOMS SHALL BE 40 INCHES MINIMUM AND 48 INCHES MAXIMUM ABOVE IN FLOOR.
- CONTROLS, DISPENSERS, RECEPTACLES AND OTHER OPERABLE EQUIPMENT SHALL BE NO HIGHER THAN 48 INCHES ABOVE THE FLOOR. RECEPTACLES ON WALLS SHALL BE MOUNTED NO LESS THAN 15 INCHES ABOVE THE FLOOR. EXCEPTION: HEIGHT LIMITATIONS DO NOT APPLY WHERE THE USE OF SPECIAL EQUIPMENT DICTATES OTHERWISE OR WHERE ELECTRICAL RECEPTACLES ARE NOT NORMALLY INTENDED FOR USE BY BUILDING OCCUPANTS.
- WHERE EMERGENCY WARNING SYSTEMS ARE PROVIDED, THEY SHALL INCLUDE BOTH AUDIBLE AND VISUAL ALARMS. THE VISUAL ALARMS SHALL BE LOCATED THROUGHOUT, INCLUDING RESTROOMS, AND PLACED 80 INCHES ABOVE THE FLOOR OR 6 INCHES BELOW CEILING, WHICH-EVER IS LOWER.
- ALL DOORS SHALL BE OPENABLE BY A SINGLE EFFORT. DOOR CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO AN OPEN POSITION OF 12 DEGREES SHALL BE 5 SECONDS MINIMUM. THE MAXIMUM FORCE REQUIRED FOR PUSHING OR PULLING OPEN DOORS OTHER THAN FIRE DOORS SHALL NOT EXCEED 5 LBS. FOR ALL SLIDING, FOLDING, AND INTERIOR HINGED DOORS.
- FLOOR SURFACES SHALL BE STABLE, FIRM AND SLIP-RESISTANT. CHANGES IN LEVEL BETWEEN 0.25 INCH AND 0.5 INCH SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2. CHANGES IN LEVEL GREATER THAN 0.5 INCH REQUIRE RAMPS. CARPET PILE THICKNESS SHALL BE 0.5 MAX. GRATINGS IN FLOOR SHALL HAVE SPACES NO GREATER THAN 0.5 INCH WIDE IN ONE DIRECTION. DOORWAY THRESHOLDS SHALL NOT EXCEED 0.5 INCH IN HEIGHT.
- DOORS TO ALL ACCESSIBLE SPACES SHALL HAVE ACCESSIBLE HARDWARE (I.E. LEVER - OPERATED, PUSH-TYPE, U-SHAPED) MOUNTED WITH OPERABLE PARTS BETWEEN 34 INCHES MINIMUM AND 48 INCHES MAXIMUM ABOVE THE FLOOR.

MECHANICAL NOTES:

- ALL SUPPLY AIR REGISTERS SHALL BE 14 INCHES x 14 INCHES ADJUSTABLE WITH 8 INCHES x 18 INCHES (INSIDE) OVERHEAD FIBERGLASS DUCT, UNLESS OTHERWISE SPECIFIED. DUCTS IN UNCONDITIONED SPACES SHALL HAVE R-6 MINIMUM INSULATION AND R-8 INSULATION WHERE LOCATED OUTSIDE THE BUILDING.
- INTERIOR DOORS SHALL BE UNDERCUT 1.5 INCHES ABOVE FINISHED FLOOR FOR AIR RETURN AND/OR AS NOTED ON FLOOR PLAN (FOR UNRATED DOORS)
- HVAC EQUIPMENT SHALL BE EQUIPPED W/OUTSIDE FRESH AIR INTAKES PROVIDING 10 CFM PER PERSON & 0.12 CFM PER S.F. BLDG. AREA PER SECTION 403.3 OF IMC.
- VENT FANS SHALL BE DUCTED TO THE EXTERIOR AND TERMINATE AT AN APPROVED VENT CAP.

MARYLAND NOTES:

- REFER TO STATE PACKAGE PAGE NO. C32.0 FOR REQUIRED DUCT PROTECTION AT CONNECTION TO HVAC UNIT.
- THE FOLLOWING NOTE SHALL BE ON THE BLDG. DATA PLATE: THIS BUILDING HAS NOT BEEN DESIGNED FOR AND IS NOT APPROVED FOR INSTALLATION IN THE FOLLOWING MARYLAND COUNTIES: GARRETT, ALLEGANY, WASHINGTON, FREDERICK, CARROLL, BALTIMORE, CECIL, HARFORD, HOWARD, PRINCE GEORGES
- HVAC SYSTEM SHALL COMPLY WITH NFPA 90B WHEN BUILDING VOLUME DOES NOT EXCEED 25,000 CUBIC FEET, OTHERWISE HVAC SYSTEM SHALL COMPLY WITH NFPA 90A.
- THESE PLANS ARE PREPARED TO FACILITATE CONSTRUCTION OF THE PRE-ENGINEERED FACTORY BUILT MODULAR BUILDING, AND THEY INCLUDE MINIMUM ON-SITE SUPPORT AND THE DOWN REQUIREMENTS FOR THE MODULAR BUILDING. THE PROJECT ARCHITECT OF RECORD IS RESPONSIBLE FOR INCORPORATION AND COORDINATION OF THESE PLANS INTO THE OVERALL PROJECT DESIGN.
- TO LOCAL BUILDER AND/OR SITE DEVELOPER: ALL SITE WORK INCLUDING THE LOCATION OF THE BUILDING, IS REQUIRED TO BE REVIEWED AND APPROVED BY A MD. REG. ARCH. OR ENG. TO VERIFY CODE COMPLIANCE INCLUDING BUT NOT LIMITED TO FIRE RESISTANCE RATINGS FOR EXTERIOR PROTECTION, MEANS OF EGRESS, HEIGHT AND AREA LIMITATIONS, OTHER PERTINENT SITE RELATED MATTERS. DOCUMENTS RELATED TO SITE WORK, INCLUDING SITE AND DEVELOPMENT DRAWINGS, SHALL BE SUBMITTED TO THE LOCAL GOVERNMENT AGENCY FOR REVIEW AND APPROVAL.
- THE INITIAL INSTALLATION OF THIS BUILDING WILL NOT BE IN STATE OF MARYLAND, THEREFORE A MD. SPECIFIC SITE PLAN CANNOT BE PROVIDED WITH THE SUBMITTAL TO THE STATE OF MARYLAND. SHOULD THE BUILDING BE SHIPPED TO MARYLAND AT A LATER DATE, A SITE PLAN WILL NEED TO BE SUBMITTED TO THE LOCAL BUILDING DEPARTMENT AS PART OF THE PERMIT APPLICATION.

RECEIVED

JUN 30 2017

LICENSES & PERMITS DIVISION

WINDOW & DOOR SPECIFICATIONS

- DBL. PANE WINDOWS ARE REQUIRED FOR ALL CLIMATE ZONES. SEE THE COMCHECK ENERGY CALCULATIONS FOR THE MAXIMUM ALLOWED U-FACTOR AND SHGC.
- THE MAXIMUM ALLOWABLE AIR LEAKAGE RATE FOR WINDOWS IS 0.3 CFM PER SQUARE FEET OF WINDOW AREA.
- THE MAXIMUM ALLOWABLE AIR LEAKAGE RATE FOR EXTERIOR DOORS IS 0.5 CFM PER SQUARE FEET OF DOOR AREA.

RADCO APPROVED
 Jun 26, 2017
 RESOURCES, APPLICATIONS, DESIGN & CONTROLS, INC.
 EASTERN NATIONAL REGION
 5801 BENJAMIN CENTER DRIVE, SUITE 102
 TAMPA, FL 33634
 (813) 243-0370 - O | (813) 243-1314 - F
 www.radcoinc.com



THIRD PARTY DESIGN APPROVAL & INSPECTION AGENCY

MARLYLAND PLAN NO.: AA-233 MD
 MARLYLAND SERIAL NO.: 233A=233B

CONSULTING ENGINEER JAMES BRADLEY, P.E. - 212 FOX TRAIL - PARKESBURG, PA. 19365 - (610) 857-2458

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. 8588, EXPIRATION DATE: 6-6-18

STRUCTURAL LOAD LIMITATIONS

BUILDING RISK CATEGORY: II

FLOOR LIVE LOAD:
 A. 40 PSF
 B. 1000 LB. CONCENTRATED LOAD OVER 30 INCH x 30 INCH AREA LOCATED ANYWHERE ON FLOOR

ROOF LIVE LOAD:
 A. 20 PSF

SNOW LOAD:
 A. $P_g = 35$ PSF GROUND SNOW LOAD
 B. $P_f = 27.3$ PSF FLAT ROOF SNOW LOAD
 C. $C_e = 1.0$ SNOW EXPOSURE FACTOR
 D. $I_s = 1.0$ SNOW IMPORTANCE FACTOR
 E. $C_t = 1.1$ SNOW THERMAL FACTOR

WIND LOAD: ASCE 7-10
 A1 $V_{ult} = 170$ MPH WIND SPEED
 A2 $V_{oad} = 132$ MPH WIND SPEED
 B. $I_w = 1.0$ WIND IMPORTANCE FACTOR
 C. $C_e = 1.0$ WIND EXPOSURE CATEGORY
 D. $G_c p_i = 0.18$ INTERNAL PRESSURE COEFFICIENT

E. Pr: ZONE 1: 37.8 PSF Pw: ZONE 4: 41.1 PSF
 ZONE 2: 63.8 PSF ZONE 5: 50.7 PSF
 ZONE 3: 95.7 PSF

F. THIS BUILDING IS NOT DESIGNED FOR PLACEMENT ON THE UPPER HALF OF A HILL OR ESCARPMENT EXCEEDING 15 FEET IN HEIGHT.

SEISMIC LOAD:
 A. $I_e = 1.0$ SEISMIC IMPORTANCE FACTOR
 B. D SITE CLASS
 C. A13 SEISMIC FORCE RESISTING SYSTEM.
 D. C SEISMIC DESIGN CATEGORY

E. EQUIVALENT LATERAL FORCE ANALYSIS PROCEDURE
 S_w = 0.537 MAPPED SPECTRAL RESPONSE COEF.
 S₁ = 0.285 MAPPED SPECTRAL RESPONSE COEF.
 H. S_{ds} = 0.49 SPECTRAL RESPONSE COEFFICIENT
 I. S_{d1} = 0.34 SPECTRAL RESPONSE COEFFICIENT
 J. V = 1953 LB DESIGN BASE SHEAR
 K. R = 6.5 RESPONSE MODIFICATION COEFFICIENT
 L. C_s = 0.08 SEISMIC RESPONSE COEFFICIENT

FLOOD LOAD:
 THIS BUILDING IS NOT DESIGNED TO BE LOCATED IN A FLOOD HAZARD AREA.

ATTENTION LOCAL INSPECTIONS DEPARTMENT

SITE INSTALLED ITEMS

THE FOLLOWING ITEMS HAVE NOT BEEN COMPLETED BY THE MANUFACTURER, HAVE NOT BEEN INSPECTED BY RADCO AND ARE NOT CERTIFIED BY THE STATE MODULAR LABEL. NOTE THAT THIS LIST DOES NOT NECESSARILY LIMIT THE ITEMS OF WORK AND MATERIAL THAT MAY BE REQUIRED FOR A COMPLETE INSTALLATION. ALL SITE RELATED ITEMS ARE SUBJECT TO LOCAL JURISDICTION APPROVAL. CODE COMPLIANCE MUST BE DETERMINED AT THE LOCAL LEVEL.

- THE COMPLETE FOUNDATION SUPPORT AND TIE DOWN SYSTEM.
- RAMPS, STAIRS AND GENERAL ACCESS TO THE BUILDING.
- PORTABLE FIRE EXTINGUISHER(S).
- BUILDING DRAINS, CLEANOUTS, BOTTLED WATER, DRINKING FOUNTAIN, MOP SINK, AND HOOK-UP TO PLUMBING SYSTEM.
- ELECTRICAL SERVICE HOOK-UP (INCLUDING FEEDERS) TO THE BUILDING.
- THE MAIN ELECTRICAL PANEL AND SUB-FEEDERS
- CONNECTION OF ELECTRICAL CIRCUITS CROSSING OVER MODULE MATLINES(S) - (MULTI-UNITS ONLY).
- STRUCTURAL AND AESTHETIC INTERCONNECTIONS BETWEEN MODULES (MULTI-UNITS ONLY).
- FIRE INSPECTION
- GLAZED OPENING PROTECTION (SEE GENERAL NOTE NO. 8)
- FIRE ALARM

BUILDING DESIGN PARAMETERS

- | | |
|--|-----------------|
| 1. USE/OCCUPANCY: | EDUCATION |
| 2. AGE GROUP: | 7 YRS AND OLDER |
| 3. CONSTRUCTION TYPE: | VB |
| 4. SPRINKLER SYSTEM: | NO |
| 5. BUILDING AREA: | 840 S.F. |
| 6. BUILDING HEIGHT: | ≤ 15 FEET |
| 7. NUMBER OF STORIES: | 1 |
| 8. NUMBER OF MODULES: | 2 |
| 9. OCCUPANT LOAD <u>22</u> BASED ON <u>20</u> NET SF/PERSON | |
| 10. EXTERIOR WALL FIRE RATING: | NOT RATED |
| 11. THIS BUILDING MUST BE INSTALLED WITH THE FIRE SEPARATION DISTANCES REQUIRED BY IBC 602 AND SECTION 705.3 | |
| 12. ENERGY CODE COMPLIANCE: SEE ATTACHED ENERGY CALCULATIONS. | |
| 13. MANUFACTURERS DATA PLATE, STATE LABELS AND RADCO LABELS ARE TO BE LOCATED ADJACENT TO ELECTRICAL PANEL. | |

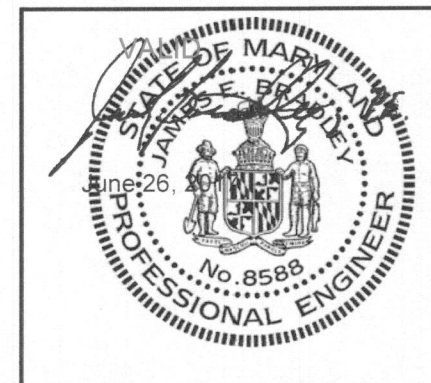
CODE SUMMARY:

STATE	BUILDING	ELECTRICAL	MECHANICAL	PLUMBING	ACCESSIBLTY	ENERGY CODE
MARYLAND	2015 IBC 2015 NFPA 101 W/ MD. AMENDMENTS	2014 NEC W/ MD. AMEND.	2015 IMC.	2015 IPC W/ MD. AMEND.	2012 ADAAG 2012 M.A.C.	2015 IECC W/ MD. AMEND.

ALL AMERICAN SPACE SOLUTIONS, INC.

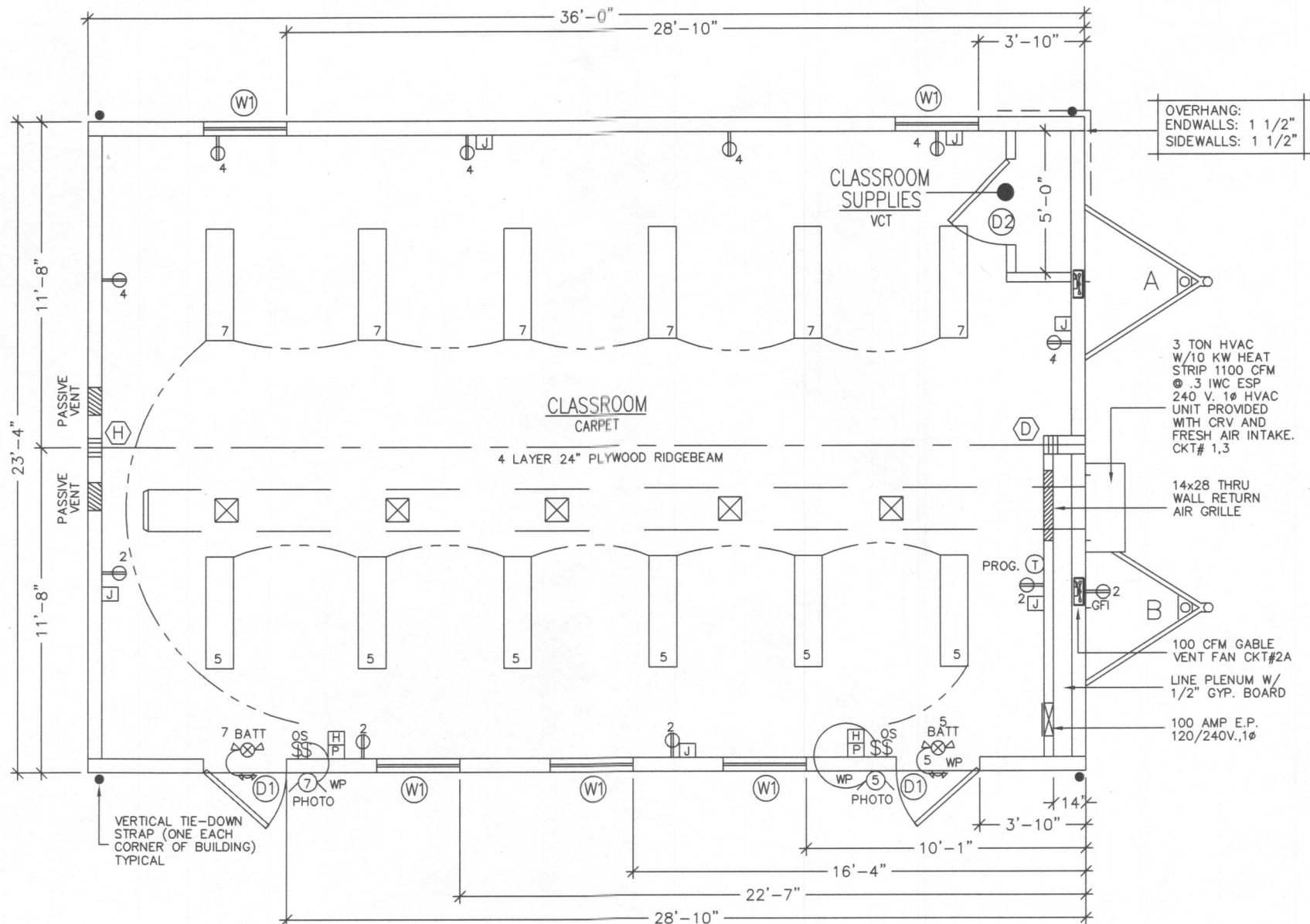
P.O. BOX 1200 (137 WEST PARK) BAXLEY, GEORGIA 31515
 1-912-705-3300 FAX: 1-912-705-3301

DATE: 6-17-17	THIRD PARTY: RADCO	BY: J.B.
SCALE: NO SCALE	5801 BENJAMIN CENTER, SUITE 102 TAMPA, FLORIDA 33634	SHEET
CODES: SEE NOTES	813-243-0370	1 OF 4
LABELS: RADCO	REVISIONS:	DESTINATION ELLCOTT CITY
STATE: MD,		
AA233 A/B 24 x 36 EDUCATION		
COVER SHEET		



SYMBOLS
—BOXES ONLY

P	FIRE ALARM PULL STATION
H	FIRE ALARM HORN/STROBE
S	FIRE ALARM STROBE LIGHT
J	JUNCTION BOX (NON POWERED UNLESS CIRCUIT NO. IS SHOWN)
S	SMOKE DETECTOR
⊕	DUPLEX RECEPTACLE 120 V.
⊕	SINGLE RECEPTACLE 240 V.
⊕	INCANDESCENT LIGHT WITH 1-60 W. BULB
⊕	COMPACT FLOURESENT LIGHT 1-60 W. BULB
⊕	HIGH PRESSURE SODIUM LIGHT
⊕	METAL HALIDE WALL PACK
⊕	VENT FAN
⊕	COMB. VENT FAN & LIGHT
⊕	SUPPLY AIR REGISTER
⊕	RETURN AIR REGISTER
⊕	FLOOD LIGHT 2-150W BULBS
⊕	THERMOSTAT
⊕	FLUORESCENT FIXTURE WITH 2-32W TUBES
⊕	EXIT/EMERGENCY COMBO W/BATTERY BACKUP
⊕	EXIT/EMERGENCY COMBO W/REMOTE HEAD W/BATTERY BACKUP
⊕	EXIT/EMERGENCY COMBO W/BATTERY BACKUP
⊕	EXIT SIGN W/BATTERY BACKUP
⊕	EMERGENCY LIGHT WITH BATTERY BACKUP
⊕	TELEPHONE JACK
⊕	SWITCH & 3 WAY SWITCH
OS	OCCUPANCY SENSOR SWITCH
⊕	FIRE EXTINGUISHER F.E.



DOOR/WINDOW SCHEDULE

D1	3680 ST/ST w/10"x10" VB
D2	3680 LOUVER
W1	36x60 VS WHITE VINYL Low E Tinted Egress

ELECTRICAL SCHEDULE

CIRCUIT	NOMENCLATURE	BREAKER (AMPS)	WIRE (CU.)
1, 3	HVAC	60A(2P)	6-2 #8 GRND.
2, 4	RECEPTACLES/FAN	20 A	12-2 NM
5, 7	LIGHTING	20 A	12-2 NM

ELECTRICAL PANEL SIZING:

DESCRIPTION	KVA
GENERAL LIGHTING	
.0030 KW/SF X 840 SF X 1.25=	3.2
11 RECEPTS AT 180VA/1000=	2.0
WATER HEATER 6.5 KW =	-
2_FAN(S) AT .3 KW X 1.25=	.8
HVAC	10.5
TOTAL	16.5 KW
TOTAL/240 X 1000=	69 AMPS
INSTALL	150 AMP PANEL
	120/240 V 1φ

COLUMN STRAPPING SCHEDULE:

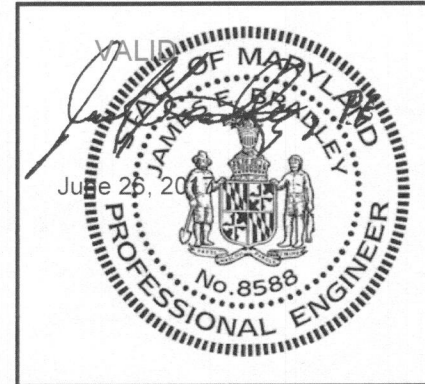
A	(2) 2x4 SYP #2 THIS HALF.	B	(2) 2x4 SYP #2 EACH HALF
C	(3) 2x4 SYP #2 THIS HALF.	D	(3) 2x4 SYP #2 EACH HALF.
E	(4) 2x4 SYP #2 THIS HALF.	F	(4) 2x4 SYP #2 EACH HALF.
G	(5) 2x4 SYP #2 THIS HALF.	H	(2) 2x6 SYP #2 EACH HALF.

WITH RIDGE BEAM BEARING STIFFENER

NOTES:

- ALL COLUMN STUDS SHALL BE GLUE/NAILED TOGETHER. PVA GLUE WITH 100% COVERAGE SHALL BE USED.
- INSTALL TWO STEEL STRAPS AT EACH STUD OF EACH COLUMN.
- COLUMN STUDS SHALL NOT BE NOTCHED OR BORED.

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ALL AMERICAN SPACE SOLUTIONS, INC.
P.O. BOX 1200 (137 WEST PARK) BAXLEY, GEORGIA 31515
1-912-705-3300 FAX: 1-912-705-3301

DATE: 6-17-17	THIRD PARTY: RADCO
SCALE: 3/16"=1'-0"	5801 BENJAMIN CENTER, SUITE 102
CODES: SEE NOTES	TAMPA, FLORIDA 33634
LABELS: RADCO	813-243-0370
REVISIONS:	BY: J.B.
STATE: MD,	
AA233 A/B 24 x 36	
EDUCATION	
FLOOR PLAN	DESTINATION ELLICOTT CITY
2 OF 4	

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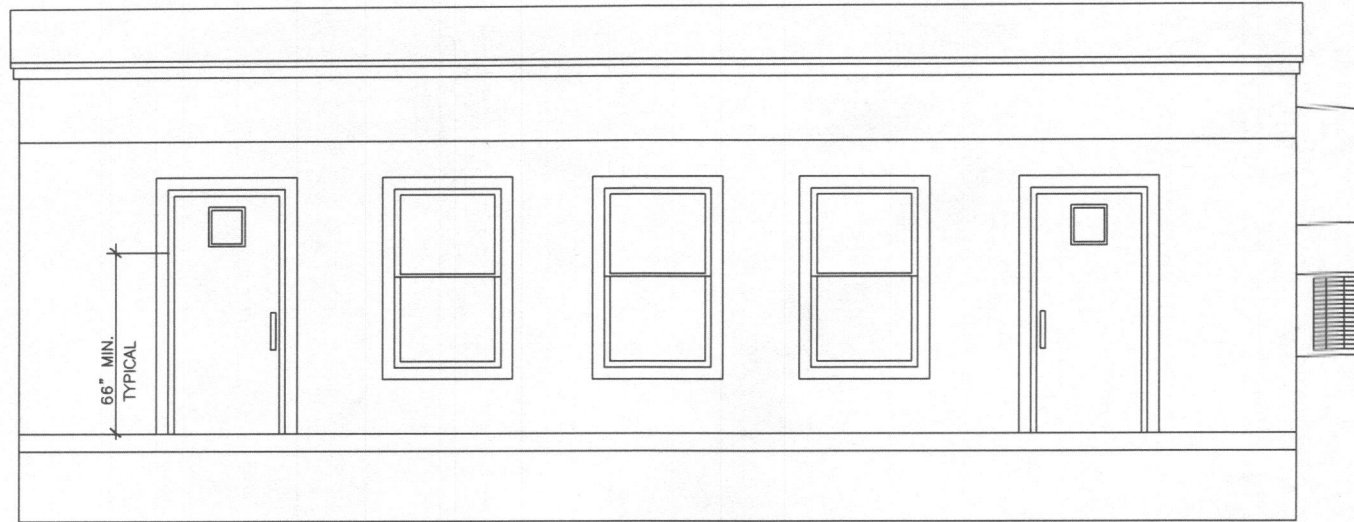
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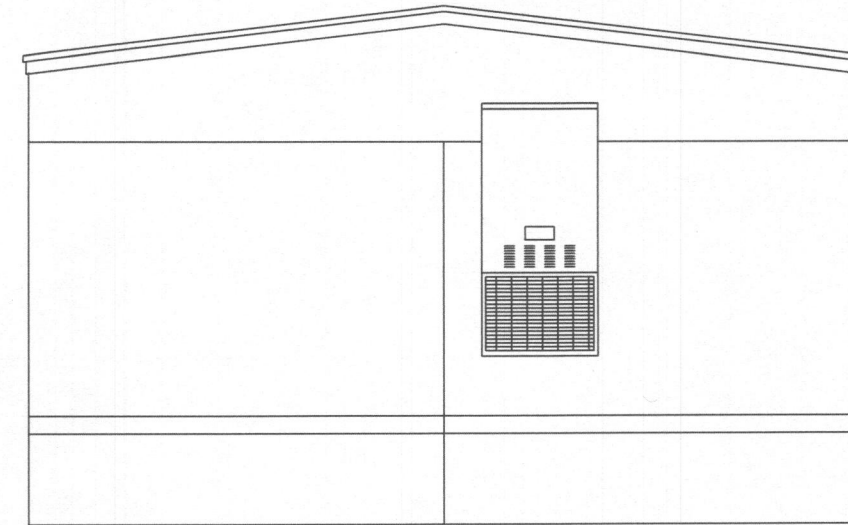
THIRD PARTY DESIGN APPROVAL & INSPECTION AGENCY

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. 8588
EXPIRATION DATE: 6-6-18

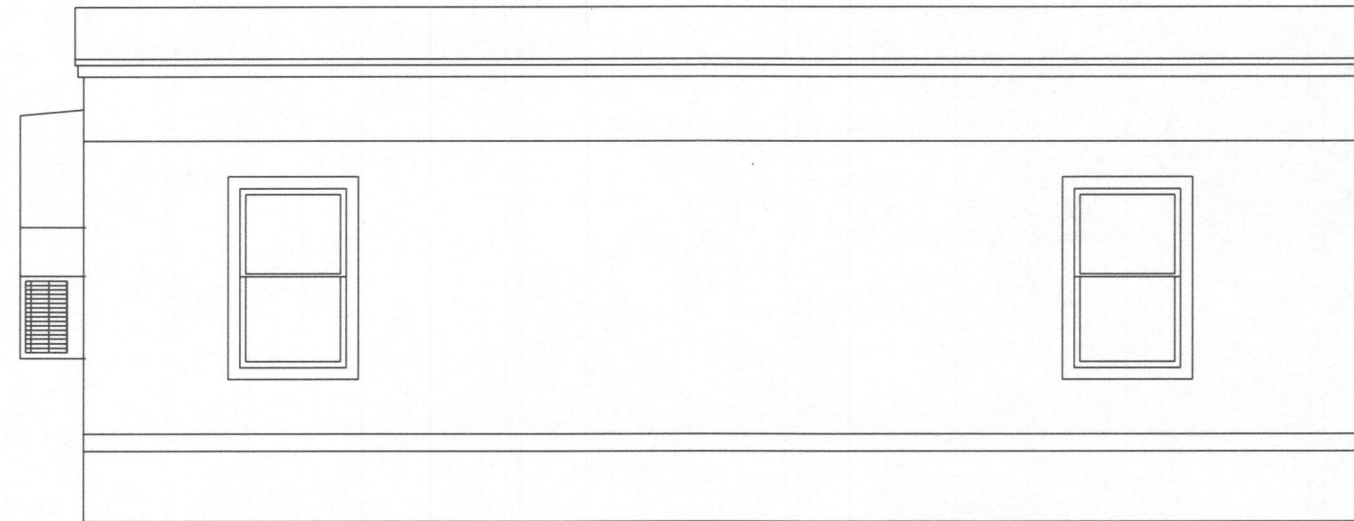


FRONT ELEVATION

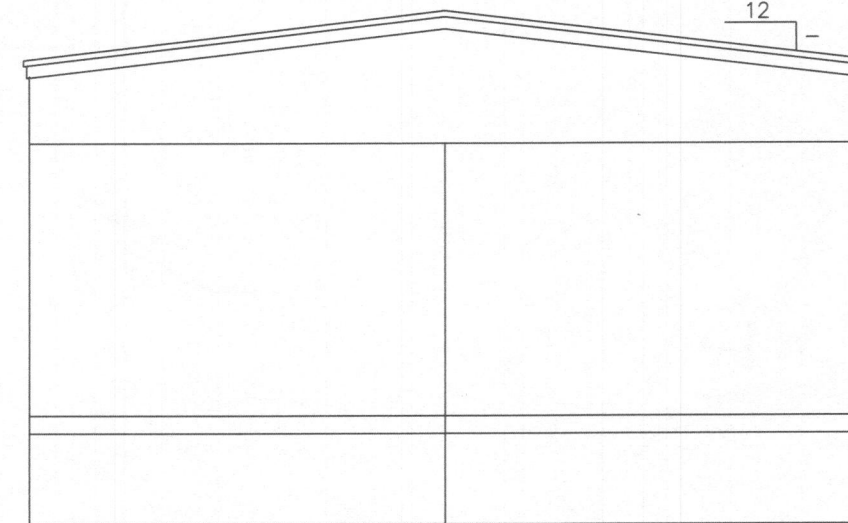


RIGHT ELEVATION

OVERHANG:
ENDWALLS: 1 1/2"
SIDEWALLS: 1 1/2"



REAR ELEVATION



LEFT ELEVATION

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ELEVATION NOTES: TYPICAL

SEE-CROSS SECTION AND ELEVATIONS FOR METHOD OF ROOF VENTILATION

ACCESSIBLE RAMP(S), STAIR(S), AND HANDRAILS ARE SITE INSTALLED, DESIGNED BY OTHERS, AND SUBJECT TO LOCAL JURISDICTION.

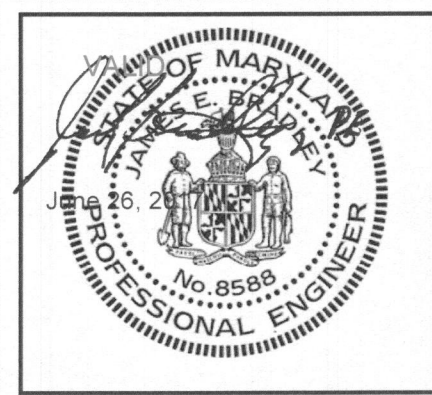
FOUNDATION ENCLOSURE (WHEN PROVIDED) MUST HAVE 1 SQUARE FOOT NET VENT AREA PER 1/150TH OF THE FLOOR AREA, AND AN 18" X 24" MINIMUM CRAWL SPACE ACCESS, SITE INSTALLED BY OTHERS SUBJECT TO LOCAL JURISDICTION.

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STATE: MD,	REVISIONS:	
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EDUCATION		3 OF 4
ELEVATIONS	DESTINATION	
	ELLCOTT CITY	

EXTERIOR FINISH MATERIAL:

ROOF - MULE-HIDE 45 MIL (BLACK) EPDM FULLY ADHERED IN ACCORDANCE WITH ESR-1776 OVER 5/8" FR DECK PANEL 'A' INSTALLED PER MANUFACTURERS SPECIFICATIONS.

WALL - 7/16" HARDI PANEL (SIERRA) SIDING OVER APPROVED MOISTURE BARRIER INSTALLED PER MANUFACTURERS SPECIFICATIONS.

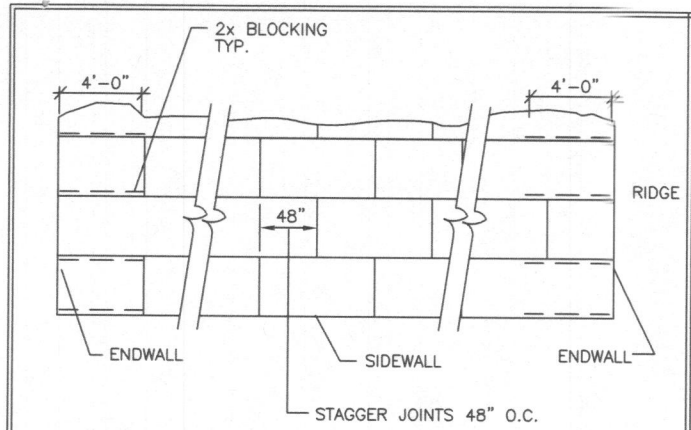
INTERIOR FINISH MATERIAL:

CEILING - 1/2" GYP. BOARD INSTALLED PER MANUFACTURER'S SPECIFICATIONS. (SEASPRAY OR EQUAL FINISH)

WALL - 5/8" TYPE 'X' GYP. BOARD (VOC THROUGHOUT) INSTALLED PER MANUFACTURERS SPECIFICATIONS

FLOOR - FLOOR FINISHES SHALL BE NO LESS THAN CLASS II LISTED PRODUCT

NOTE: - INTERIOR FINISHES SHALL BE CLASS 'A' FOR EXITS AND OTHER THAN EXITS SHALL BE 'A' OR 'B'



ROOF SHEATHING DETAIL

MULEHIDE:
FR DECK PANEL 'C' ROOF DIAPHRAGM SHALL BE BLOCKED WITH 2xSPF#2 NOM. LUMBER FOR A DISTANCE OF 4'-0" FROM EACH ENDWALL. FASTENED TO TRUSSES W/ 8D SINKER NAILS @ 6" O.C. ON EDGES & 6" O.C. IN THE FIELD.

ATTIC VENTILATION IS PROVIDED BY (1) 100 CFM FAN AND (1) GABLE VENT PER MODULE

RIM MEMBER 2x4 SPF#2 MINIMUM TOP AND BOTTOM

26 GA. X 1-1/2" STEEL STRAP FROM TRUSS TO WALL STUD FASTENED W/ (7) 16 GA. X 1" PENETRATION STAPLES PER STRAP END (TYPICAL SIDEWALLS)
NOTE: TRUSSES WHICH DO NOT FALL DIRECTLY OVER WALL STUDS SHALL BE STRAPPED TO TOP PLATE AND TOP PLATE SHALL BE STRAPPED TO NEAREST ADJACENT STUD W/ EQUIVALENT FASTENING

CRIPPLE STUDS 2x6 SPF#2 @ 16" O.C.
2x HEADER PER APPROVED STRUCTURAL PACKAGE

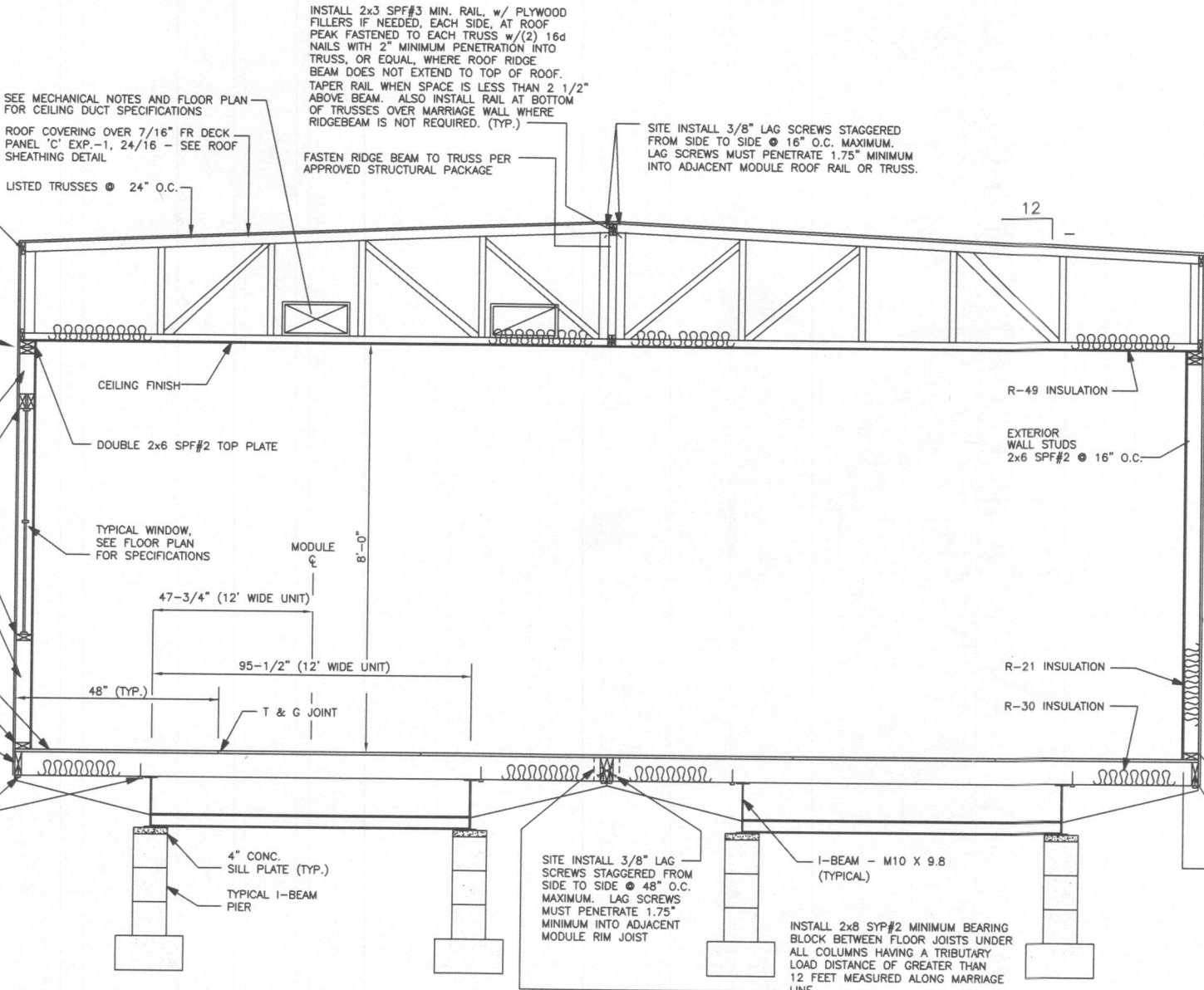
SILL PLATE 2x6 SPF#2

CRIPPLE STUDS 2x6 SPF#2 @ 16" O.C.
3/4" T&G PLYWOOD STURD-I-FLOOR EXP.-1 20" O.C. FASTENED WITH 100% PVA GLUE COVERAGE & APPROVED MECHANICAL FASTENERS

BOTTOM PLATE 2x6 SPF#3

26 GA. X 1-1/2" STEEL STRAP FROM WALL STUD TO FLOOR JOIST @ OPENING STUDS AND 16" O.C. W/ (7) 16 GA. X 1" PEN. STAPLES PER STRAP END

LAG CHASSIS TO FLOOR JOIST PER APPROVED STRUCTURAL PACKAGE



RIDGE BEAM CONSTRUCTION:

(4) LAYER 3/4" x 24" PLYWOOD, RATED SHEATHING, EXP.-1, STRUCT.-1, 5 PLY/5 LAYER, 48/24 EACH HALF CONTINUOUS ENTIRE LENGTH OF CLEARSPAN.

NOTES:

1. PLYWOOD FACE GRAIN MUST BE PARALLEL TO THE RIDGE BEAM SPAN.
2. ALL PLYWOOD BUTT JOINTS MUST BE STAGGERED 24" MINIMUM.
3. ALL RIDGE BEAM PLYWOOD LAMINATIONS MUST BE THE SAME DEPTH, THICKNESS, AND GRADE OF PLYWOOD. NO LUMBER OR PLYWOOD FLANGES ARE PERMITTED.
4. PLYWOOD MUST BE MANUFACTURED IN ACCORDANCE W/ PS I-95.
5. PLYWOOD LAMINATIONS IN EACH HALF OF THE UNITS MUST BE GLUE NAILED TO ADJACENT LAYERS IN ACCORDANCE W/ PDS SUPPLEMENT #5, W/ AN ADHESIVE COMPLYING W/ ASTM D2559, OR CA25-4.
6. PLYWOOD MUST NOT BE TREATED W/ A FIRE RETARDANT PROCESS.
7. MOISTURE CONTENT MUST BE LESS THAN 16%.
8. BEAMS SUPPORTED BY ENDWALL COLUMNS MUST EXTEND CONTINUOUS OVER COLUMNS TO EXTERIOR FACE OF ENDWALL.
9. INSTALL (2x4) X 20" SPF#3 RIDGE BEAM BEARING STIFFENER OVER SUPPORT COLUMNS, WHEN SPECIFIED ON FLOOR PLAN; FASTEN THE FACE OF THE STIFFENER TO THE RIDGE BEAM W/ 100% GLUE COVERAGE AND (6) 16 GA. X 2-1/2" STAPLES.

GENERAL CROSS-SECTION NOTES:

1. UNLESS OTHERWISE SPECIFIED, ALL STEEL MUST COMPLY W/ ASTM A36, YIELD STRENGTH = 36 KSI.
2. ALL LAG SCREWS MUST COMPLY W/ ANSI/ ASME B18.2.1. F_y = 60 KSI MINIMUM.
3. SEE FOUNDATION PLAN FOR PIER AND TIE-DOWN STRAPPING LOCATIONS, ORIENTATIONS, AND SPECIFICATIONS.

OVERHANG:
ENDWALLS: 1 1/2"
SIDEWALLS: 1 1/2"

EXTERIOR WALL FINISH

EXTERIOR WALL STRUCTURAL BRACING SIDEWALLS:
BRACING INSTALLATION:
STRUCTURAL SHEATHING SHALL EXTEND CONTINUOUSLY FROM TOP OF TRUSS TOP CHORD TO 3/4" MINIMUM BELOW TOP OF RIM JOIST WITH ALL SHEATHING EDGES SUPPORTED BY 2" NOMINAL LUMBER OF THE SAME SIZE AND GRADE AS EXTERIOR WALL FRAMING.
BRACING MATERIAL:
3/8" APA RATED SHEATHING FASTENED W/ 16 GA. X 1" X 1-1/2" STAPLES 3" O.C. ON EDGES AND 6" O.C. IN THE FIELD, OR USE THE SAME STRUCTURAL BRACING MATERIAL AND FASTENING METHOD AS SPECIFIED FOR ENDWALLS.

ENDWALLS:
BRACING INSTALLATION:
STRUCTURAL SHEATHING SHALL EXTEND CONTINUOUSLY FROM TOP OF TRUSS TOP CHORD TO 3/4" MINIMUM BELOW TOP OF RIM JOIST WITH ALL SHEATHING EDGES SUPPORTED BY 2" NOMINAL LUMBER OF THE SAME SIZE AND GRADE AS EXTERIOR WALL FRAMING.
BRACING MATERIAL:
3/8" APA RATED SHEATHING EXP. 1, FASTENED W/ 8D COMMON OR GALV. BOX NAILS 4" O.C. EDGES AND 12" O.C. IN THE FIELD.

DBL. 26 GA. X 1-1/2" STEEL STRAP FROM WALL STUD TO FLOOR JOIST @ OPENING STUDS AND 16" O.C. W/ (7) 16 GA. X 1" PEN. STAPLES PER STRAP END (TYPICAL SIDEWALLS & ENDWALLS)

RIM JOIST 2x8 SYP#2

FLOOR JOISTS 2x8 SYP#2 @ 16" O.C.

APPROVED TRUSS DESIGN:
TRUSS MANUF # : UNIVERSAL
TRUSS DRAWING # :
SEE ATTACHED DWG.

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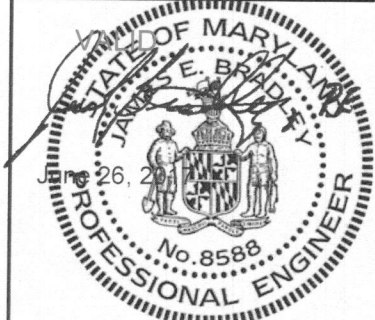
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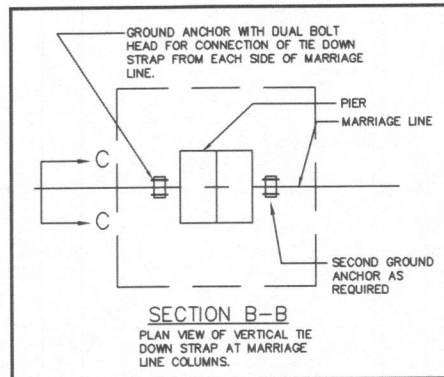
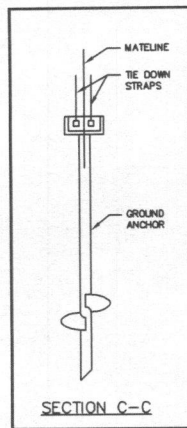
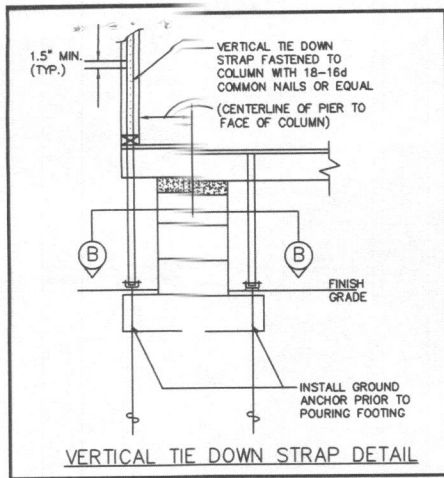
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AA233 A/B 24 x 36 EDUCATION	
CROSS SECTION	DESTINATION ELLCOTT CITY
	4 OF 4

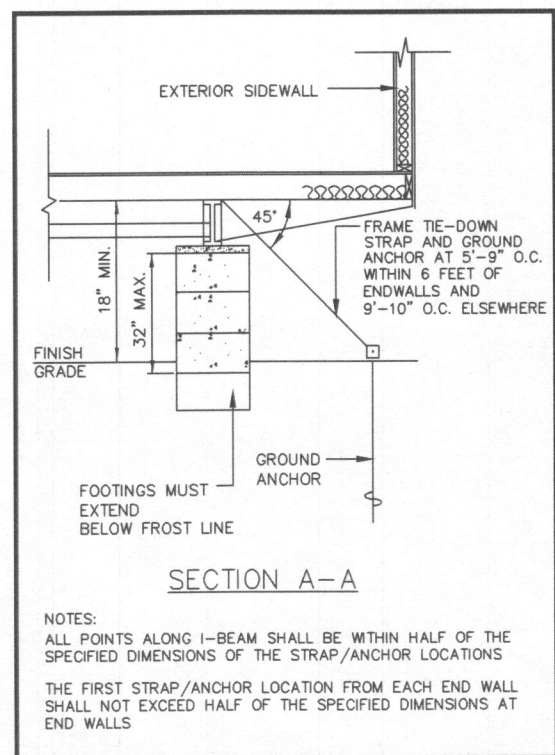


MARRIAGE WALL PIER REQUIREMENTS

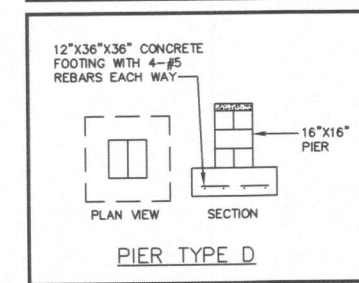
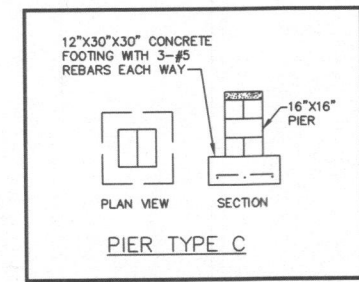
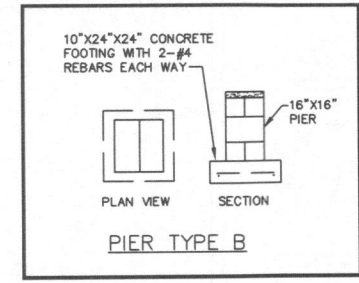
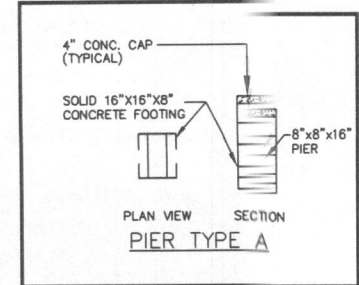
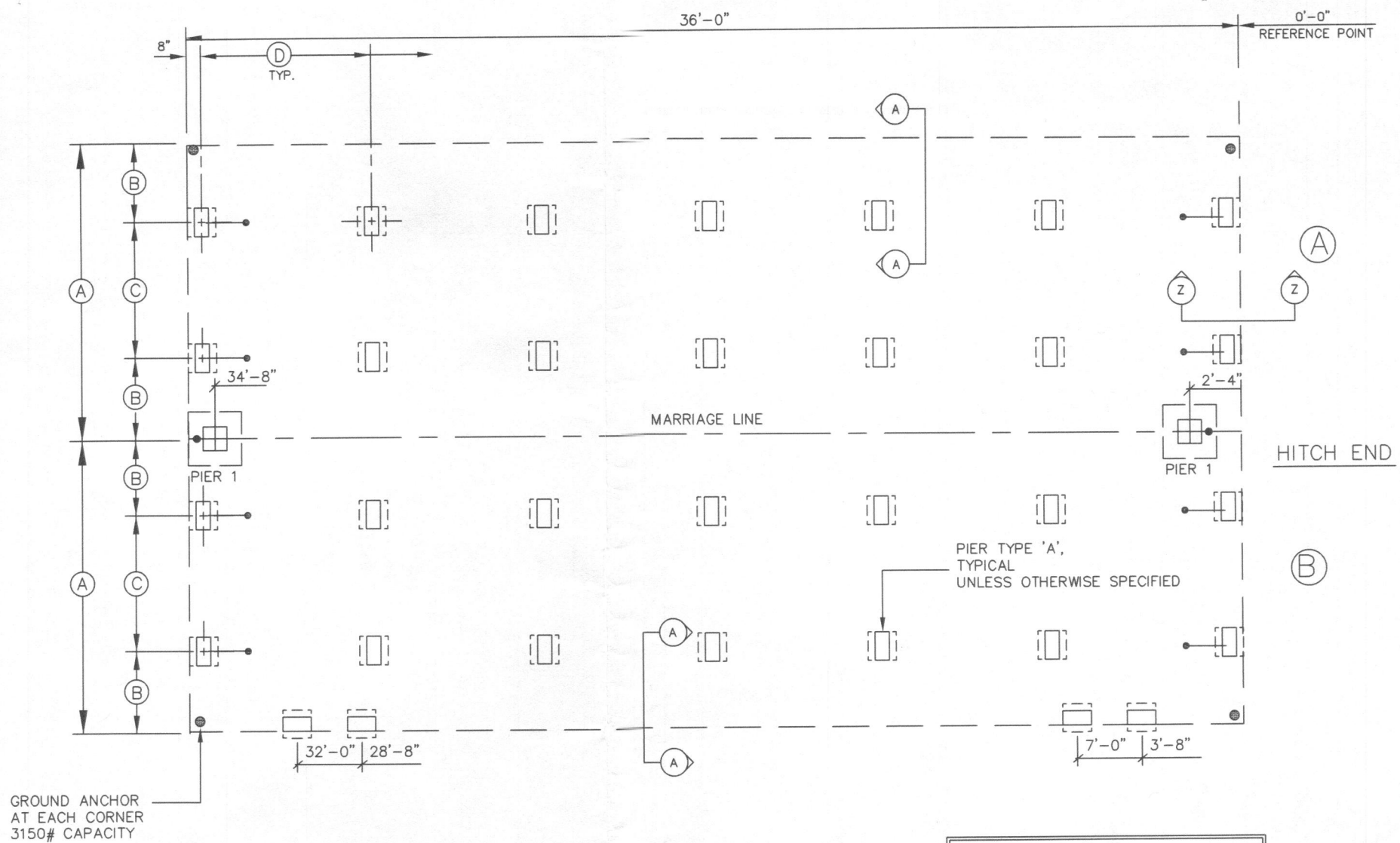
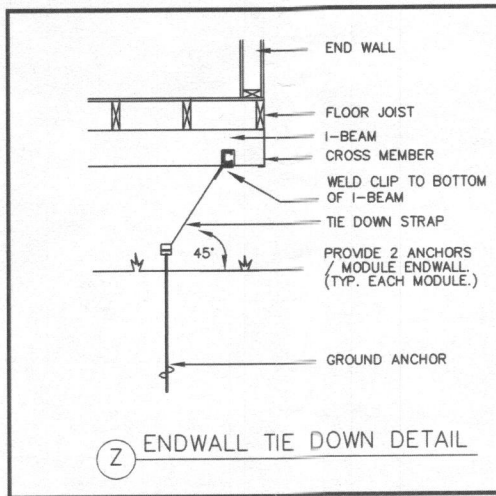
PIER NUMBER	MINIMUM SOIL BEARING CAPACITY	PIER TYPE	NUMBER OF VERTICAL TIE DOWN STRAPS REQ'D (EACH MODULE)
1	1500 PSF	D	1
	2000 PSF	D	1
	3000 PSF	C	1

FOUNDATION NOTES:

- ALL FOUNDATION CONSTRUCTION, MATERIALS, AND INSTALLATION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODES.
- TIE-DOWN STRAPS TO BE 1-1/4" x .035" TYPE-1, FINISH B, GRADE 1 ZINC COATED STEEL STRAPPING CERTIFIED BY A REGISTERED ENGINEER OR ARCHITECT AS CONFORMING WITH ASTM D3953-91. TIE DOWN STRAPS AND CONNECTING HARDWARE SHALL HAVE 3150# MINIMUM WORKING CAPACITY.
- GROUND ANCHORS SHALL HAVE 3150# MINIMUM WORKING CAPACITY, AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. DESIGN OF GROUND ANCHOR, INCLUDING SHAFT LENGTH, NUMBER AND DIAMETER OF HELICES, ETC., TO BE AS SPECIFIED BY THE GROUND ANCHOR MANUFACTURER FOR THE ACTUAL SOIL TYPE ENCOUNTERED. IF THE HOLDING OR PULLOUT CAPACITIES OF GROUND ANCHORS ARE BELOW THE VALUES SPECIFIED ABOVE THE ARCHITECT/ENGINEER MUST BE CONSULTED FOR AN ALTERNATE ANCHORAGE DESIGN.
- THE FIRST TIE-DOWN STRAP FROM ENDWALLS SHALL NOT EXCEED 1/2 THE MAXIMUM SPACING INDICATED.
- ALL PIERS SHALL BE CONSTRUCTED OF CONCRETE MASONRY UNITS CONFORMING TO ASTM C90. MASONRY UNITS SHALL BE LAID IN TYPE M OR S MORTAR OR COVERED WITH SURFACE BONDING CEMENT INSTALLED IN ACCORDANCE WITH ITS LISTING. PIER FOOTINGS SHALL BE AS DESCRIBED ABOVE.
- MINIMUM CONCRETE FOOTING COMPRESSIVE STRENGTH 2,500 PSI AT 28 DAYS.
- ALL REINFORCEMENT BARS SHALL COMPLY WITH ASTM A615, GRADE 60. REINFORCEMENT BARS SHALL BE EQUALLY SPACED AND PLACED WITH 3" CLEARANCE FROM BOTTOM AND SIDES OF THE FOOTING.
- SEE SHEET 1 OF 4 FOR BUILDING DESIGN LOADS.
- I-BEAM SUPPORT PIERS MAY BE INSTALLED LATERALLY (90° FROM THE ORIENTATION SHOWN ON THE FOUNDATION PLAN). CENTERLINE OF EACH PIER MUST BE LOCATED DIRECTLY BELOW THE I-BEAM CENTERLINE.
- SOIL BEARING CAPACITY SHOWN ON THIS PLAN IS ASSUMED. IF THE ACTUAL SOIL BEARING CAPACITY IS LESS THAN 2,000 PSF, THE ARCHITECT/ENGINEER MUST BE CONSULTED FOR REQUIRED ALTERNATE FOUNDATION DESIGN. FOOTINGS SHALL BE PLACED ON NON-EXPANSIVE SOILS ONLY.
- INSTALL BLOCK PIER ON EACH SIDE OF ALL EXTERIOR DOOR OPENINGS. (MANUFACTURER'S RECOMMENDATION ONLY - OPTIONAL WHEN NOT SHOWN) SLIGHT ADJUSTMENT MAY BE REQUIRED TO INSURE OPENABILITY AFTER INSTALLATION OF BUILDING IS COMPLETE.
- THE AREA UNDER FOOTINGS AND FOUNDATIONS SHALL HAVE ALL VEGETATION, STUMPS, ROOTS, AND FOREIGN MATERIALS REMOVED PRIOR TO THEIR CONSTRUCTION.
- THE FOUNDATION DIMENSIONS SHOWN ARE NOMINAL. AN INCREASE IN MODULE WIDTH SHOULD BE EXPECTED DUE TO MODULE EXPANSION, SETTING TOLERANCES, ETC. THE FOUNDATION CONTRACTOR SHOULD CONSULT WITH THE MANUFACTURER OF THE MODULES PRIOR TO CONSTRUCTION OF THE FOUNDATION TO DETERMINE THE AMOUNT OF INCREASED WIDTH TO BE ADDED TO THE NOMINAL DIMENSIONS SHOWN ABOVE.



NOTE:
THIS FOUNDATION PLAN IS PROVIDED FOR REFERENCE AS A TYPICAL STANDARD. ACTUAL FOUNDATION CONDITIONS MUST BE EVALUATED FOR APPLICABILITY IF THIS PLAN IS TO BE USED. ALTERNATE FOUNDATION PLANS MAY BE DESIGNED BY OTHERS IN ACCORDANCE WITH THE REQUIREMENTS OF THE JURISDICTION HAVING AUTHORITY.

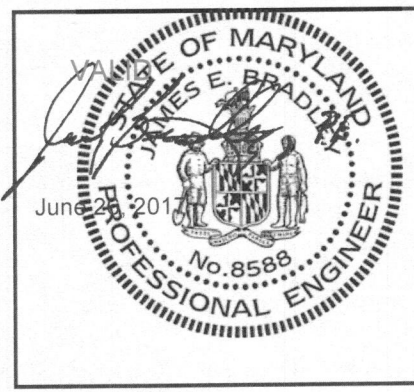


NOTE:
THE NUMBER OF PIERS SHOWN ON THIS FOUNDATION PLAN IS NO INDICATION OF THE AMOUNT OF PIERS REQUIRED AND NEEDED FOR THIS BUILDING. SEE MAXIMUM PIER SPACING CHART BELOW FOR THE CORRECT NUMBER OF PIERS REQUIRED FOR EACH SOIL BEARING CAPACITY.

FOUNDATION DIMENSIONS

A MODULE WIDTH	B PIER TO MODULE EDGE	C STEEL BEAM SPACING
11'-8"	22 1/4"	95 1/2"
D MAXIMUM PIER SPACING	MINIMUM SOIL BEARING CAPACITY	
5'-5"	2000 PSF	
8'-5"	3000 PSF	

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