

PLUMBING NOTES:

- 1. WHEN RESTROOM FACILITIES AND/OR PLUMBING FIXTURES REQUIRED BY CODE ARE NOT PROVIDED WITHIN THE BUILDING, A HANDICAPPED ACCESSIBLE FACILITY MUST BE PROVIDED WITHIN THE BUILDING...

GENERAL NOTES:

- 1. ACCESS TO BUILDING FOR PERSONS IN WHEELCHAIRS IS DESIGNED BY AND FIELD BUILT BY OTHERS AND SUBJECT TO LOCAL JURISDICTION APPROVAL...

ELECTRICAL NOTES:

- 1. ALL CIRCUITS AND EQUIPMENT SHALL BE GROUNDED IN ACCORDANCE WITH THE APPROPRIATE ARTICLES OF THE NATIONAL ELECTRICAL CODE (NEC)...

N.C. INSTALLATION INSTRUCTIONS

ATTENTION LOCAL INSPECTIONS DEPARTMENT

- INSTALLATION INSTRUCTIONS FOR THIS MODULAR BUILDING ARE INCLUDED BY ATTACHMENT TO THESE PLANS. ANY PLANS SET WHICH DOES NOT CONTAIN AN ATTACHMENT ENTITLED "INSTALLATION INSTRUCTIONS" IS INCOMPLETE...

ACCESSIBILITY NOTES:

- 1. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SIGN SHALL BE DISPLAYED AT ALL ACCESSIBLE RESTROOM FACILITIES AND AT ACCESSIBLE BUILDING ENTRANCES UNLESS ALL ENTRANCES ARE ACCESSIBLE...

MECHANICAL NOTES:

- 1. ALL SUPPLY AIR REGISTERS SHALL BE 14 INCHES X 14 INCHES ADJUSTABLE WITH OVERHEAD FIBERGLASS DUCT (SEE FLOOR PLAN FOR SIZES)...

WINDOW & DOOR SPECIFICATIONS

- 1. DBL. PANE WINDOWS ARE REQUIRED FOR ALL CLIMATE ZONES. SEE THE COM-CHECK ENERGY CALCULATIONS FOR THE MAXIMUM ALLOWED U-FACTOR AND SHGC...

LIMITATIONS OF APPROVAL N.J.

- 1. THE APPROVAL OF THE PLAN UNDER THE INDUSTRIALIZED BUILDING COMMISSION PROGRAM IS PART OF THE MANUFACTURERS BUILDING SYSTEM APPROVAL.

ATTENTION LOCAL INSPECTIONS DEPARTMENT

SITE INSTALLED ITEMS

THE FOLLOWING ITEMS HAVE NOT BEEN COMPLETED BY THE MANUFACTURER, HAVE NOT BEEN INSPECTED BY EMP 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...

- 1. THE COMPLETE FOUNDATION SUPPORT AND THE DOWN SYSTEM. 2. RAMPS, STAIRS AND GENERAL ACCESS TO THE BUILDING. 3. PORTABLE FIRE EXTINGUISHER(S).

SPECIAL CONDITIONS AND REQUIREMENTS

- ANY SITE ADDED STRUCTURES MUST BE INDEPENDENT OF THE FACTORY BUILDING UNLESS THE ENTIRE BUILDING IS REVALUATED BY THE SITE ENGINEER.

MARYLAND NOTES:

- 1. REFER TO STATE PACKAGE PAGE NO. C34.0 FOR REQUIRED DUCT PROTECTION AT CONNECTION TO HVAC UNIT.

STRUCTURAL LOAD SPECIFICATIONS-ASCE 7-16

FLOOR DEAD AND LIVE LOADS: A. DEAD LOAD = 12 PSF (MINIMUM) B. LIVE LOAD = 40 PSF (MINIMUM) C. CONCENTRATED LIVE LOAD = 2000 LB OVER 30 INCH X 30 INCH AREA LOCATED ANYWHERE ON FLOOR.

STRUCTURAL LOAD SPECIFICATIONS-ASCE 7-10

FLOOR DEAD AND LIVE LOADS: A. DEAD LOAD = 12 PSF (MINIMUM) B. LIVE LOAD = 40 PSF (MINIMUM) C. CONCENTRATED LIVE LOAD = 2000 LB OVER 30 INCH X 30 INCH AREA LOCATED ANYWHERE ON FLOOR.

DRAWING INDEX

- 1 OF 6 COVER SHEET 2 OF 6 FLOOR PLAN 3 OF 6 ELEC PLAN 4 OF 6 MECH PLAN 5 OF 6 ELEVATIONS 6 OF 6 CROSS SECTION LS-1 LIFE SAFETY 1 OF 1 FOUNDATION

BUILDING DESIGN PARAMETERS

- 1. USE/OCCUPANCY: EDUCATION 2. CONSTRUCTION TYPE: VB 3. SPRINKLER SYSTEM: NO

EMC APPROVED 03 17 2023

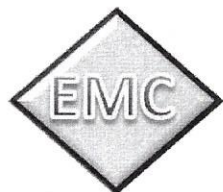


Table with columns: STATE, BUILDING, ELECTRICAL, MECHANICAL, PLUMBING, ACCESSIBILITY, ENERGY CODE. Rows include New Jersey, Virginia, N.C., and Maryland.

CONSULTING ENGINEER: KENNETH EARL DUNMON - 195 TOMMY HOOKS RD. - AMERICUS, GEORGIA 31709 - 229-942-2020

STATEMENT OF SPECIAL INSPECTIONS (IBC SECTION 1704.3)

- THE FOLLOWING MATERIALS, SYSTEMS COMPONENTS OR WORK REQUIRE SPECIAL INSPECTIONS IN ACCORDANCE WITH IBC SECTION 1704.3.

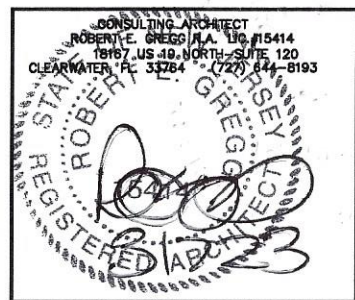
STRUCTURAL LOAD SPECIFICATIONS-ASCE 7-16

REVISIONS: A. RISK CATEGORY IS B. B. SERVICING FACTOR IS 1.0 C. SERVICING FACTOR IS 1.0 D. SERVICING FACTOR IS 1.0

STRUCTURAL LOAD SPECIFICATIONS-ASCE 7-10

REVISIONS: A. RISK CATEGORY IS B. B. SERVICING FACTOR IS 1.0 C. SERVICING FACTOR IS 1.0 D. SERVICING FACTOR IS 1.0

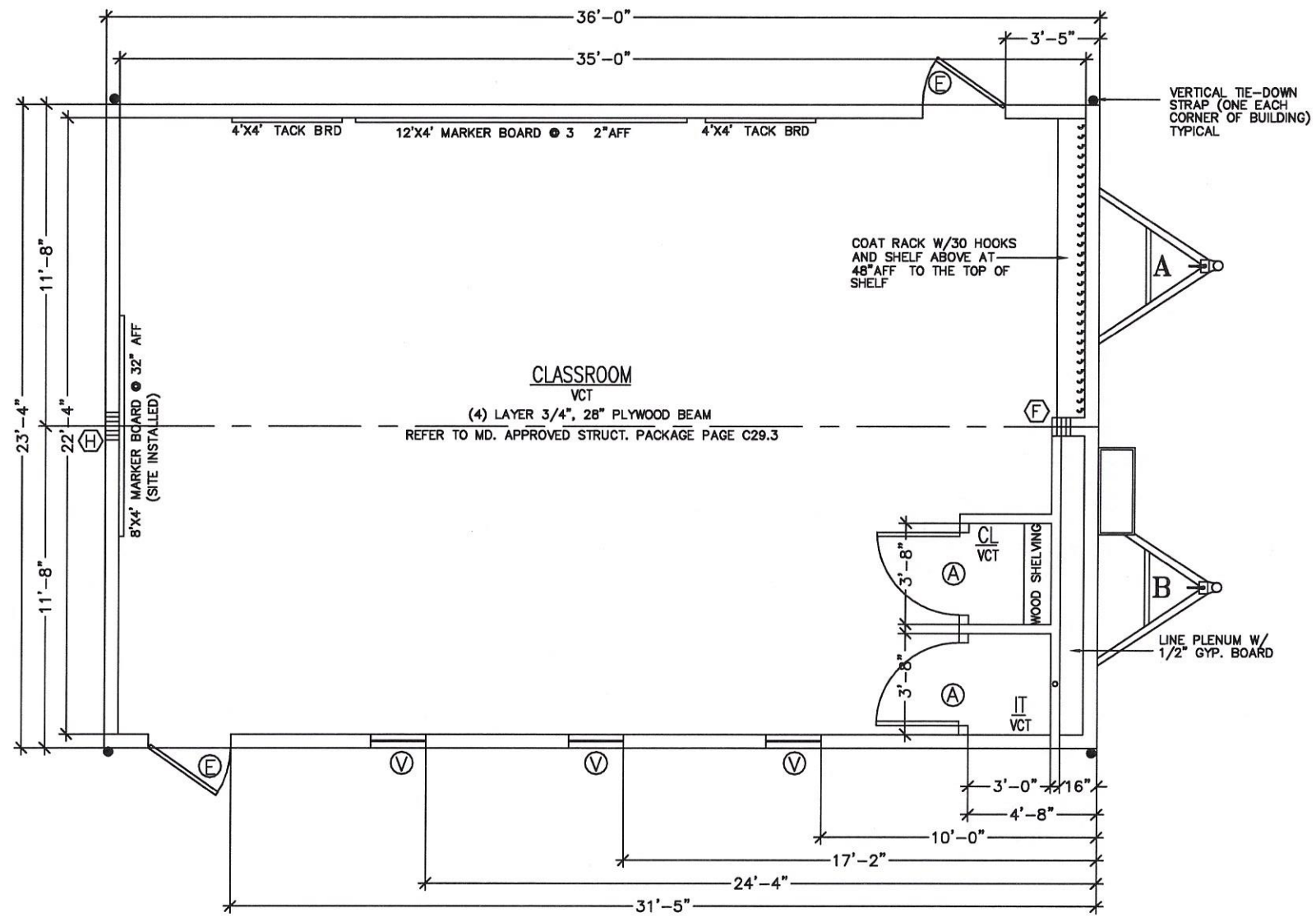
NEW JERSEY



MARYLAND SERIAL NO.: STOCK



DIAMOND BUILDERS INC. P.O. BOX 2200 DOUGLASS, GEORGIA 31534 440 THOMPSON DR. (912) 384-7080. Includes project details: DBI24x36 (2023) EDUCATIONAL-STOCK, COVER SHEET, 1 OF 6.



VERTICAL TIE-DOWN STRAP (ONE EACH CORNER OF BUILDING) TYPICAL

DOOR HARDWARE:

KEYED LEVER LOCKSET (EXTERIOR DOORS)
LEVER PASSGE: CLOSET AND IT

SYMBOL	DOOR SCHEDULE	TOTAL
A	36"x80" HOLLOW CORE IMPERIAL OAK W/REDIFRAME	2
E	36"x80" STEEL/STEEL W/4X24" VIEW BLOCK	2
SYMBOL	WINDOW SCHEDULE	TOTAL
V	24"x54" VERTICAL SLIDE, INSULATED BRONZE/TINTED	3

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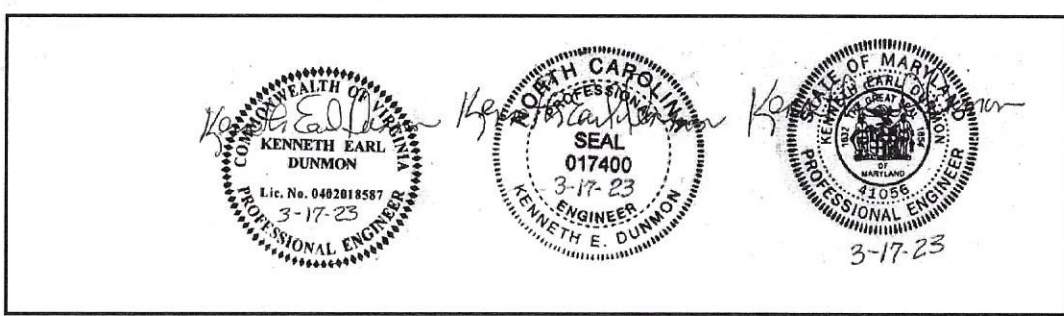
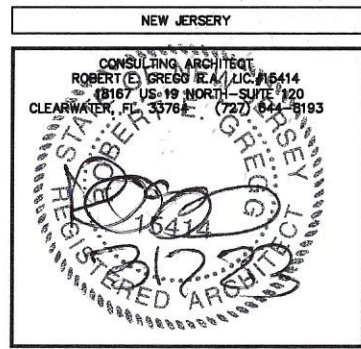
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COLUMN STRAPPING SCHEDULE:

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

WITH RIDGE BEAM BEARING STIFFENER

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

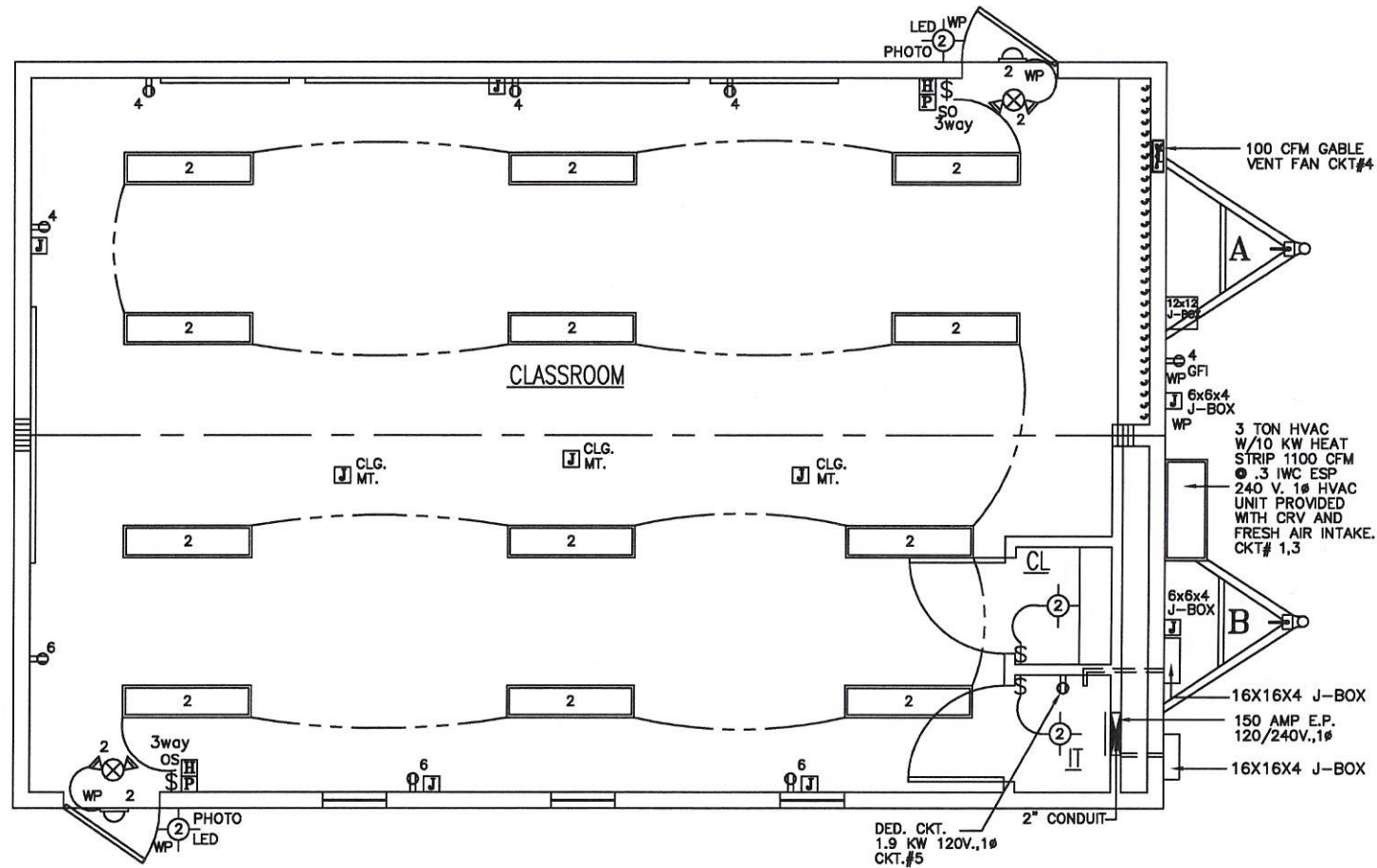


DIAMOND BUILDERS INC.
P.O. BOX 2200 440 THOMPSON DR.
DOUGLASS, GEORGIA 31534 (912) 384-7080

DATE: 3-2-23 REVISIONS:
SCALE: 3/16"=1'-0"
CODES: SEE NOTES
STATES: MD, VA, NJ, NC. K.E.D.
REFERENCE: 9252 BY: R.E.G.

DBI24x36 (2023)
EDUCATIONAL-STOCK SHEET
FLOOR PLAN MD. PLAN NO: 2 OF 6
DBI-24x36 (2023) MD

ELECTRICAL SCHEDULE			
CIRCUIT	NOMENCLATURE	BREAKER (AMPS)	WIRE (CU.)
1, 3	HVAC	90 A (2P) HACR	4-2 #8 GRND.
5	DED. CKT. 1.9KW 120V.,1Ø	20 A(1P)	12-2 NM
4, 6	RECEPTACLES	20 A	12-2 NM
2	LIGHTING	15 A	14-2 NM
ELECTRICAL PANEL SIZING:			
DESCRIPTION	KVA		
.0030 KW/SF X 840 SF X 1.25=	3.2		
9 RECEPTS AT 180VA/1000=	1.6		
DED. CKT. 1.9KW x 1.25 =	2.4		
1 FANS @ .3 KW X 1.25=	.5		
HVAC	10.5		
TOTAL 18.1 KW			
TOTAL/240 X 1000=	76 AMPS		
INSTALL 150 AMP PANEL			
120/240 V 1Ø			



SYMBOLS	
J-BOXES ONLY	
[P]	FIRE ALARM PULL STATION 44" AFF
[H]	FIRE ALARM HORN/STROBE 80" AFF
[S]	FIRE ALARM STROBE LIGHT 80" AFF
▽	JUNCTION BOX (NON POWERED UNLESS CIRCUIT NO. IS SHOWN)
⊙	CLG. MT. J-BOX
⊙	SMOKE DETECTOR
⊙	DUPLEX RECEPTACLE 120 V.
⊙	SINGLE RECEPTACLE 240 V.
⊙	LED PORCH LIGHT WITH 1-13 W. BULB
⊙	LED CLG. LIGHT WITH 1-13 W. BULB
⊙	LED LIGHT WALL PACK
⊙	CLG. MT. POWERED J-BOX
⊙	VENT FAN
⊙	LED COMB. VENT FAN & LIGHT
⊙	SUPPLY AIR REGISTER
⊙	RETURN AIR REGISTER
⊙	FLOOD LIGHT 2-150W BULBS
⊙	THERMOSTAT
⊙	LED LIGHT FIXTURE WITH 2-22W TUBES
⊙	LED 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
⊙	OCCUPANCY SENSOR SWITCH
⊙	FIRE EXTINGUISHER

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03 17 2023

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18167 US 19 NORTH SUITE 120
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REGISTERED ARCHITECT

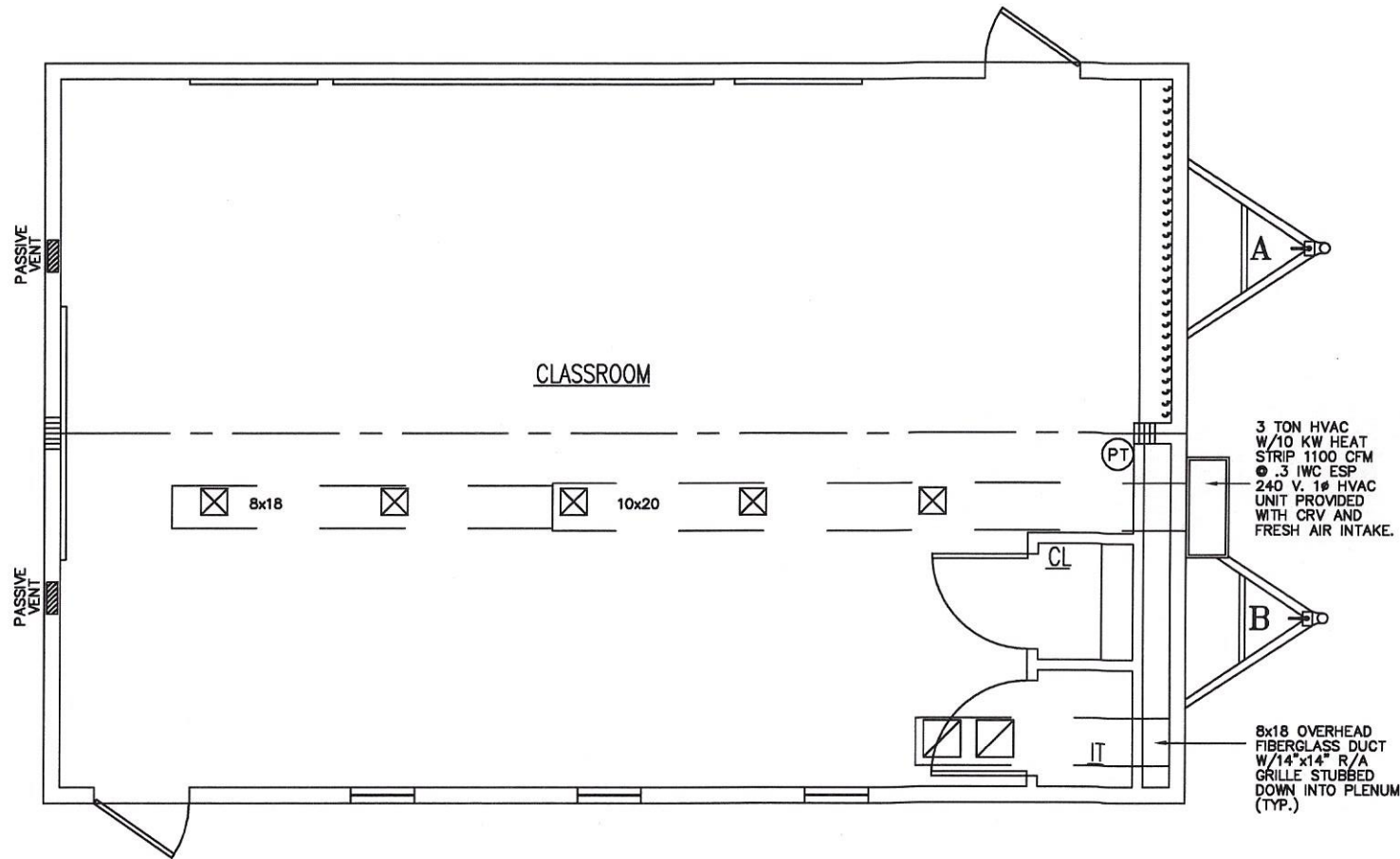
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ENGINEER
KENNETH E. DUNNION

STATE OF MARYLAND
KENNETH EARL DUNNION
Lic. No. 41056
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CONSULTING ENGINEER KENNETH EARL DUNNION - P.O. BOX 6853 - AMERICUS, GEORGIA 31719 - 229-942-2020

DIAMOND BUILDERS INC. P.O. BOX 2200 DOUGLASS, GEORGIA 31534		440 THOMPSON DR. (912) 384-7080	
DATE: 3-2-23	REVISIONS:		
SCALE: 3/16"=1'-0"			
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STATES: MD, VA, NJ, NC.	K.E.D.		
REFERENCE: 9252	R.E.G.		
DBI/24x36 (2023) EDUCATIONAL-STOCK			
ELECTRICAL		MD. PLAN NO: DBI-24x36 (2023) MD	SHEET 3 OF 6



LEGEND

- 14"x14" RETURN AIR GRILLE
- 14"x14" SUPPLY AIR GRILLE
- COMB. VENT FAN AND LIGHT
- THERMOSTAT PROGRAMMABLE

NOTES:

FLEX DUCT FOR SUPPLY IS 8" AND FLEX DUCT FOR RETURN IS 10"

SEE ATTACHED BARD SPECIFICATIONS FOR ALL REQUIREMENTS AND INFORMATION REGARDING HVAC INSTALLATION AND OPERATING PROCEDURES

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03 17 2023

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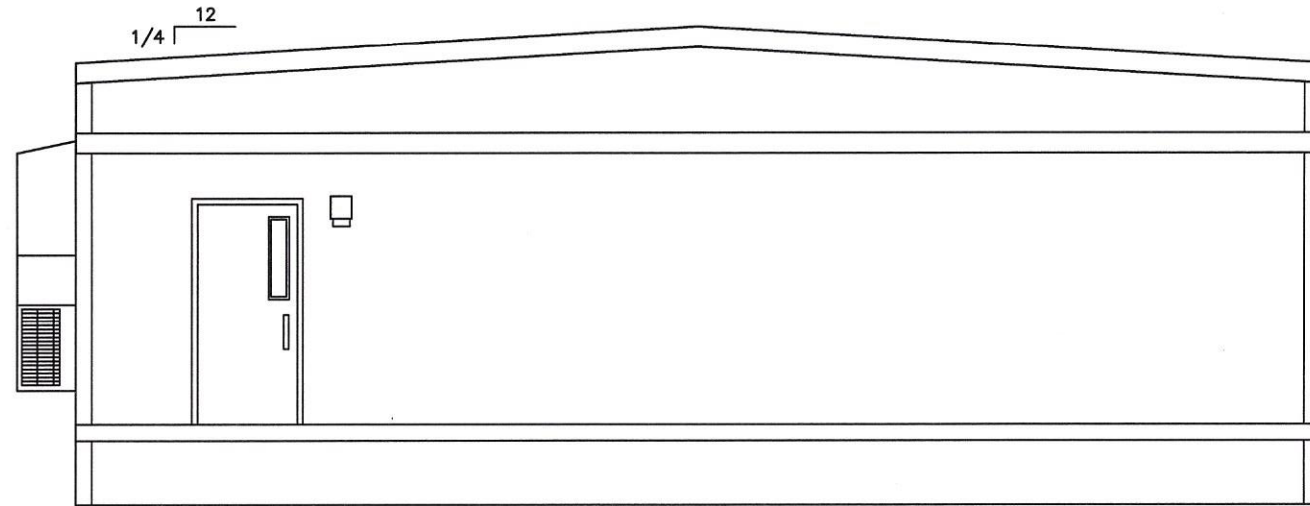
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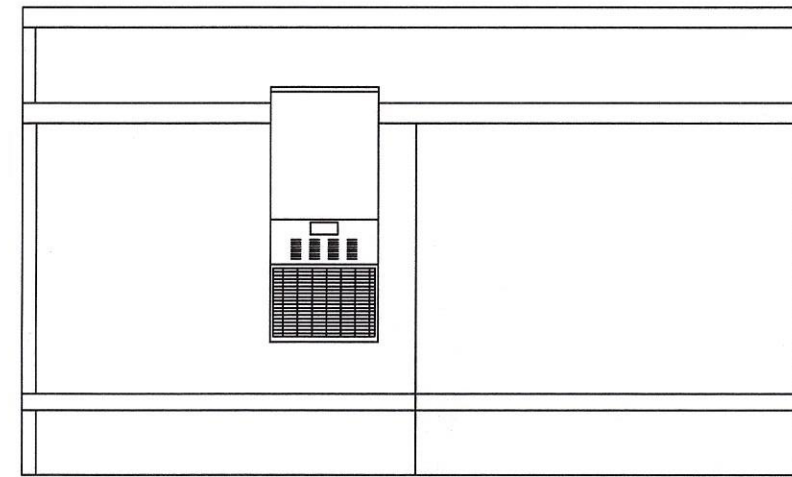
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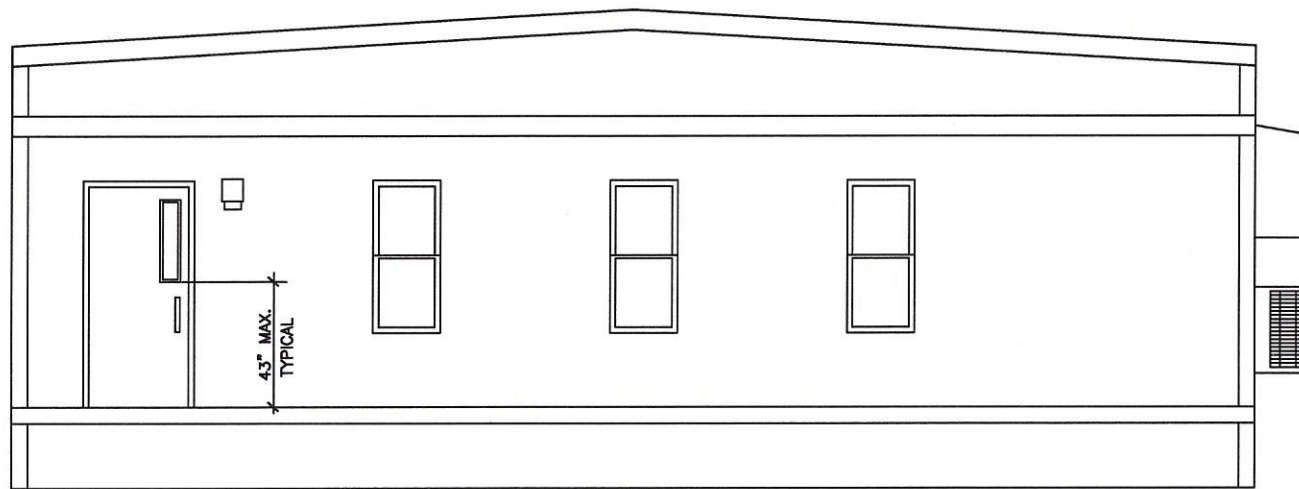
DBI24x36 (2023)
EDUCATIONAL-STOCK SHEET
MECHANICAL MD. PLAN NO: 4 OF 6
DBI-24x36 (2023) MD



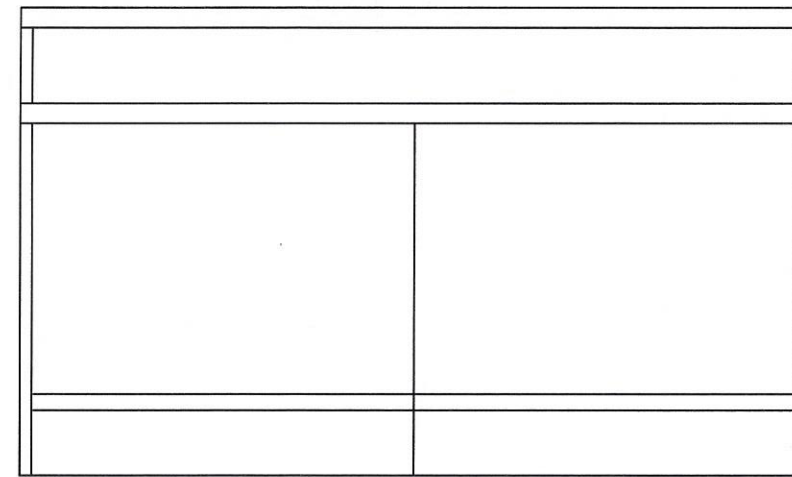
FRONT ELEVATION



LEFT ELEVATION



REAR ELEVATION



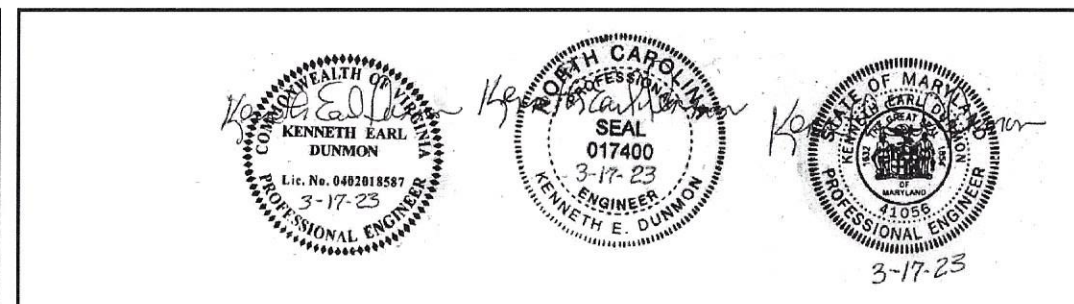
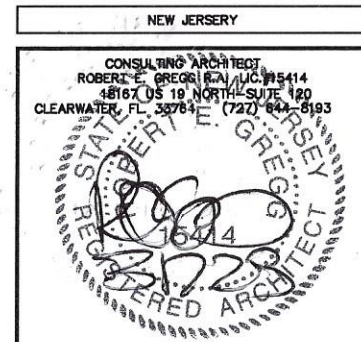
RIGHT ELEVATION

ELEVATION NOTES: TYPICAL
 SEE-CROSS SECTION 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.
 ELEVATIONS SHOWN ON THIS PAGE REPRESENT BASIC COMPONENTS & ARE NOT INTENDED TO BE ALL INCLUSIVE NOR DO THESE ELEVATIONS DETAIL EVERY CODE REQUIRED ASPECT OF THIS BLDG.. SITE BUILT STOOPS, STEPS, DECKS, PORCHES, HANDRAILS AND/OR SIMILAR ITEMS MUST BE PROVIDED BY OTHERS ON SITE FOR COMPLIANCE WITH APPLICABLE CODES. COMPLIANCE WITH ALL APPLICABLE CODES PER LOCAL AUTHORITY HAVING JURISDICTION, WHETHER DETAILED IN THIS SET OR NOT, MUST BE MET

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DIAMOND BUILDERS INC. P.O. BOX 2200 440 THOMPSON DR. DOUGLASS, GEORGIA 31534 (912) 384-7080	
DATE: 3-2-23	REVISIONS:
SCALE: 3/8"=1'-0"	
CODES: SEE NOTES	
STATES: MD, VA, NJ, NC	K.E.D.
REFERENCE: 9252	BY: R.E.G.
DBI24x36 (2023) EDUCATIONAL-STOCK	
ELEVATIONS	MD. PLAN NO: DBI-24x36 (2023) MD
	SHEET 5 OF 6

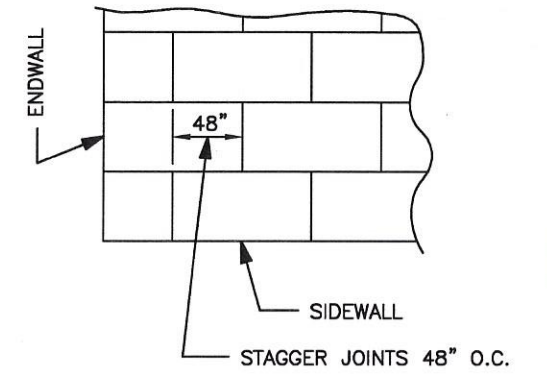
INTERIOR FINISH MATERIAL:

- CEILING - 1/2" GYPSUM CEILING BOARD INSTALLED PER MANUFACTURERS SPECIFICATION (SEASPRAY FINISH)
- WALL - 1/2" GYPSUM BOARD (VINYL COVERED) INSTALLED PER MANUFACTURERS SPECIFICATIONS.
- FLOOR - AS NOTED ON FLOOR PLAN

NOTE:
 INTERIOR WALL AND CEILING FINISH SHALL BE CLASS B OR BETTER IN IN CORRIDORS AND CLASS C OR BETTER IN ROOMS AND ENCLOSED SPACES.
 FLOOR FINISHES SHALL BE CLASS II OR BETTER.

EXTERIOR FINISH MATERIAL:

- ROOF - MULE-HIDE 60 MIL (BLACK) EPDM (ESR-1463) FULLY ADHERED TO 7/16" OSB OR OR 1/2" PLYWOOD WITH MULE-HIDE FR ADHESIVE IN ACCORDANCE WITH INTEREK REPORT CRR-1078 (CLASS C ROOF)
- WALL - 7/16" SMARTPANEL SIDING OVER APPROVED MOISTURE BARRIER. (DUPONT TYVEK ESR 2375) INSTALLED PER MANUFACTURERS SPECIFICATIONS



ROOF SHEATHING FASTENED TO TRUSSES
 W/0.099"Ø x 2" NAILS @ 6" O.C. ON EDGES
 AND 6" O.C. IN THE FIELD ON ALL ZONES

ROOF SHEATHING DETAIL

APPROVED TRUSS DESIGN:
 SOUTHERN
 TRUSS MANUF. : WOOD COMPONENTS
 TRUSS DRAWING. # SWF2002
 SEE ATTACHED DWG.

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GENERAL CROSS-SECTION NOTES:

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

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

SEE MECHANICAL NOTES AND FLOOR PLAN FOR CEILING DUCT SPECIFICATIONS

TOP RAIL:
 2x4 SYP#2 FASTEN TO TRUSS
 W/(3) 0.131"Ø x 3" NAILS

BOTTOM EDGE RAIL:
 2x6 SYP#2 FASTEN TO TRUSS
 W/(6) 0.131"Ø x 3" NAILS

26 GA. X 1-1/2" STEEL STRAP FROM RAIL TO WALL STUD @ 16" O.C. FASTEN W/7-15 GA. X 1 1/4" STAPLES PER STRAP (TYPICAL SIDEWALLS)

CRIPPLE STUDS 2x6 SYP#2 @ 16" O.C.

2x HEADER PER APPROVED PACKAGE

SILL PLATE 2x6 SYP#2

CRIPPLE STUDS 2x6 SYP#2 @ 16" O.C.

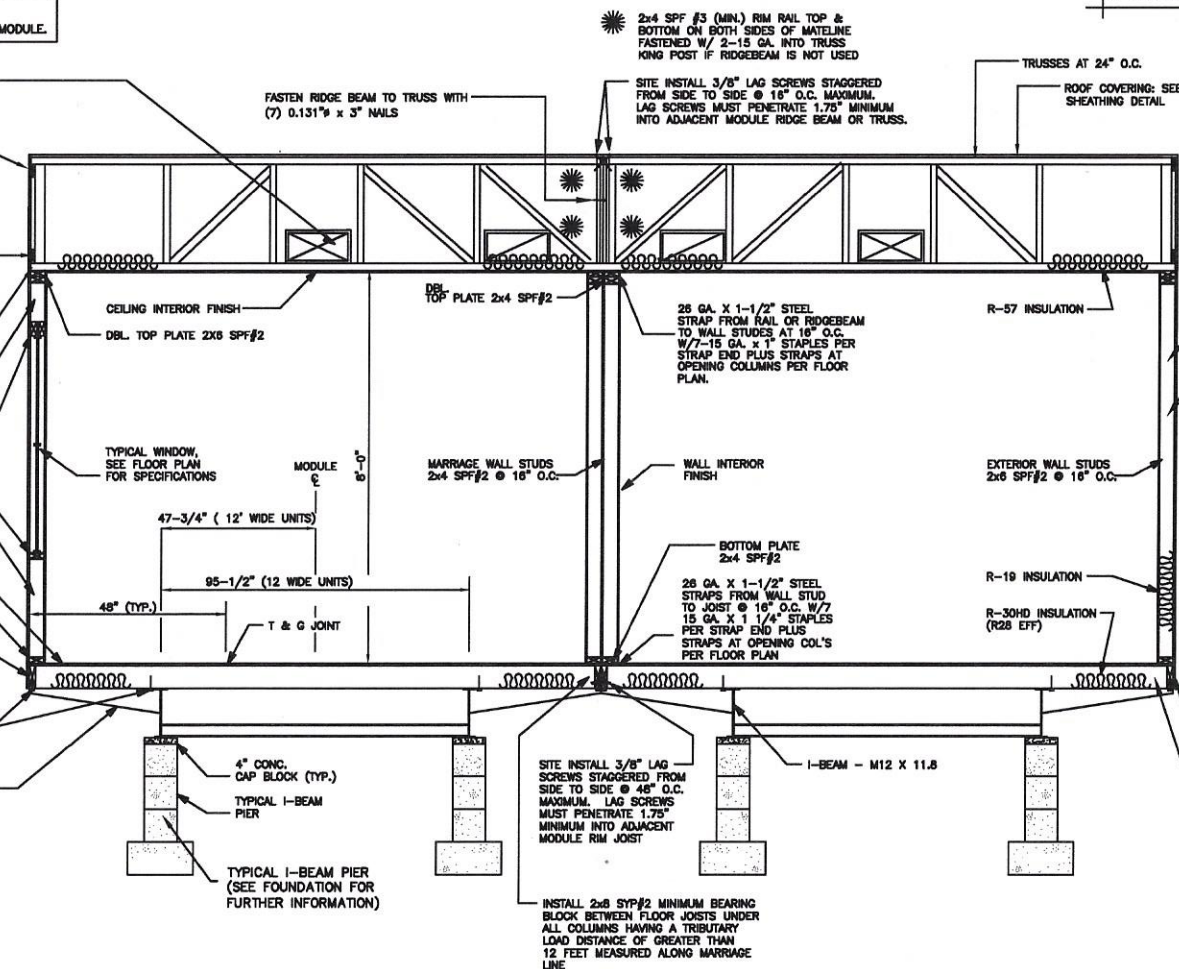
3/4 PLYWOOD, STURD-1-FLOOR, EXP.-1, 24" O.C.

BOTTOM PLATE 2x6 SYP#3

26 GA. X 1-1/2" STEEL STRAP FROM WALL STUD TO FLOOR JOIST @ OPENING STUDS AND 16" O.C. W/ (7) 15 GA. X 1 1/4" STAPLES PER STRAP END PLUS STRAPS AT OPENING COL'S PER FLOOR PLAN

(2) 5/16" X 3" LAG SCREWS THROUGH FLANGE INTO JOIST @ EACH OUTRIGGER IN ADDITION, INSTALL (1) 5/16" X 3" LAG SCREW W/ FLANGE CLIP FROM I-BEAM TO EACH FLOOR JOIST BETWEEN ALL OUTRIGGERS (TYP.)

OUTRIGGER AND CROSSMEMBER SPACING (SEE APPROVED PACKAGE FOR SPACING)



OSB OR PLYWOOD BEARING STRIP THE SAME THICKNESS AS THE CEILING MATERIAL TO BE INSTALLED AS NECESSARY AT ALL BEARING WALLS AND COLUMNS

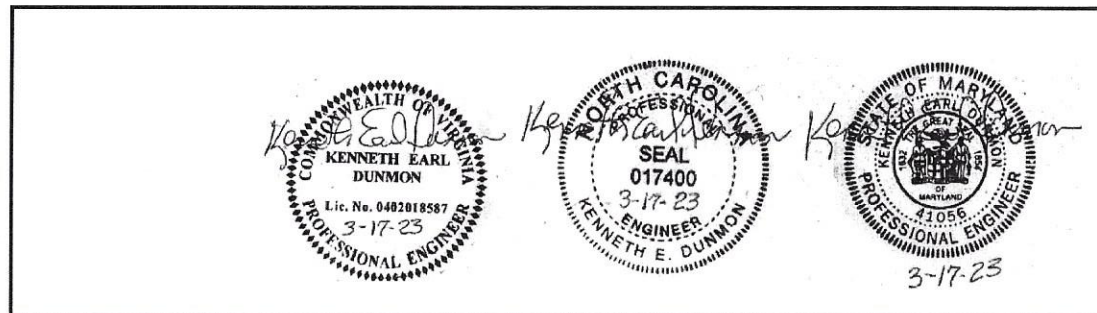
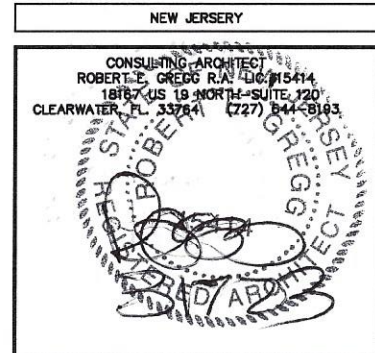
EXTERIOR WALL FINISH
 EXTERIOR WALL STRUCTURAL BRACING SIDEWALLS:
 BRACING INSTALLATION:
 STRUCTURAL SHEATHING SHALL EXTEND CONTINUOUS FROM TOP OF TRUSS TOP CHORD TO 3/4" MINIMUM BELOW TOP OF RIM JOIST W/ ALL SHEATHING EDGES SUPPORTED BY 2" NOMINAL LUMBER OF THE SAME SIZE AND GRADE AS EXTERIOR WALL FRAMING.
 BRACING MATERIAL:
 7/16" SMART PANEL SIDING FASTENED W/ 16 GA. X 1" X 1-1/4" 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 CONTINUOUS FROM TOP OF TRUSS TOP CHORD TO 3/4" MINIMUM BELOW TOP OF RIM JOIST W/ ALL SHEATHING EDGES SUPPORTED BY 2" NOMINAL LUMBER OF THE SAME SIZE AND GRADE AS EXTERIOR WALL FRAMING.
 BRACING MATERIAL:
 7/16" SMART PANEL SIDING PANEL EXP. 1, FASTENED W/8d COMMON OR GALV. BOX NAILS 3" O.C. EDGES AND 6" O.C. IN THE FIELD.



RIDGE BEAM CONSTRUCTION:

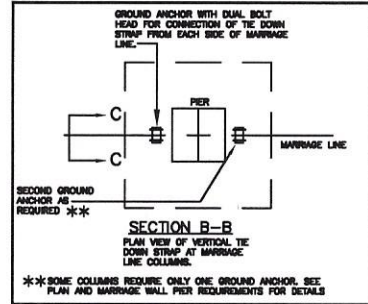
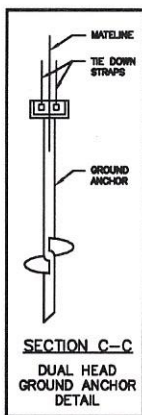
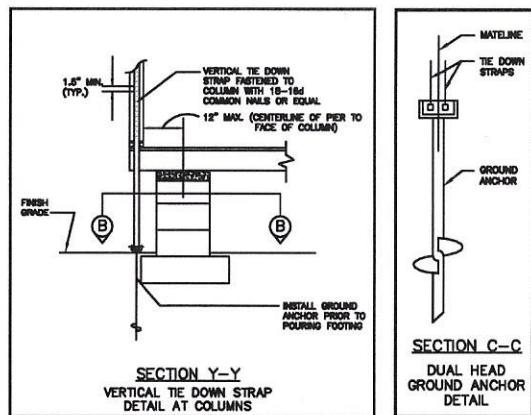
4 LAYERS 3/4" X 26" PLYWOOD, RATED SHEATHING, EXP.-1, STRUCT.-1, 5 PLY/5 LAYER, 48/24 EACH HALF CONTINUOUS ENTIRE LENGTH OF CLEARSPAN.

- NOTES:
- PLYWOOD FACE GRAIN MUST BE PARALLEL TO THE RIDGE BEAM SPAN.
 - ALL PLYWOOD BUTT JOINTS MUST BE STAGGERED 24" MINIMUM.
 - ALL RIDGE BEAM PLYWOOD LAMINATIONS MUST BE THE SAME DEPTH, THICKNESS, AND GRADE OF PLYWOOD. NO LUMBER OR PLYWOOD FLANGES ARE PERMITTED.
 - PLYWOOD MUST BE MANUFACTURED IN ACCORDANCE W/ PS E-95.
 - 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.
 - PLYWOOD MUST NOT BE TREATED W/ A FIRE RETARDANT PROCESS.
 - MOISTURE CONTENT MUST BE LESS THAN 16%.
 - BEAMS SUPPORTED BY ENDWALL COLUMNS MUST EXTEND CONTINUOUS OVER COLUMNS TO EXTERIOR FACE OF ENDWALL.
 - INSTALL (2X4) X 20" SYP#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.

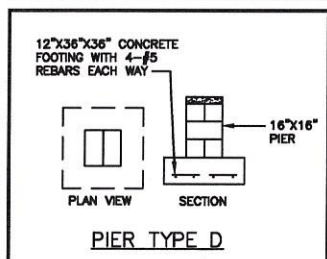
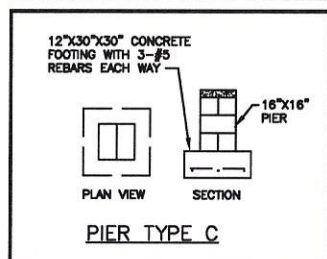
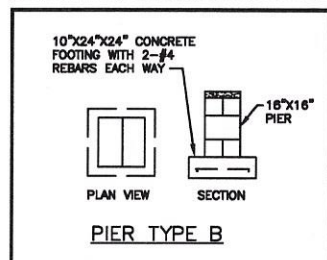
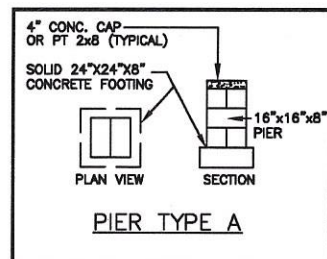
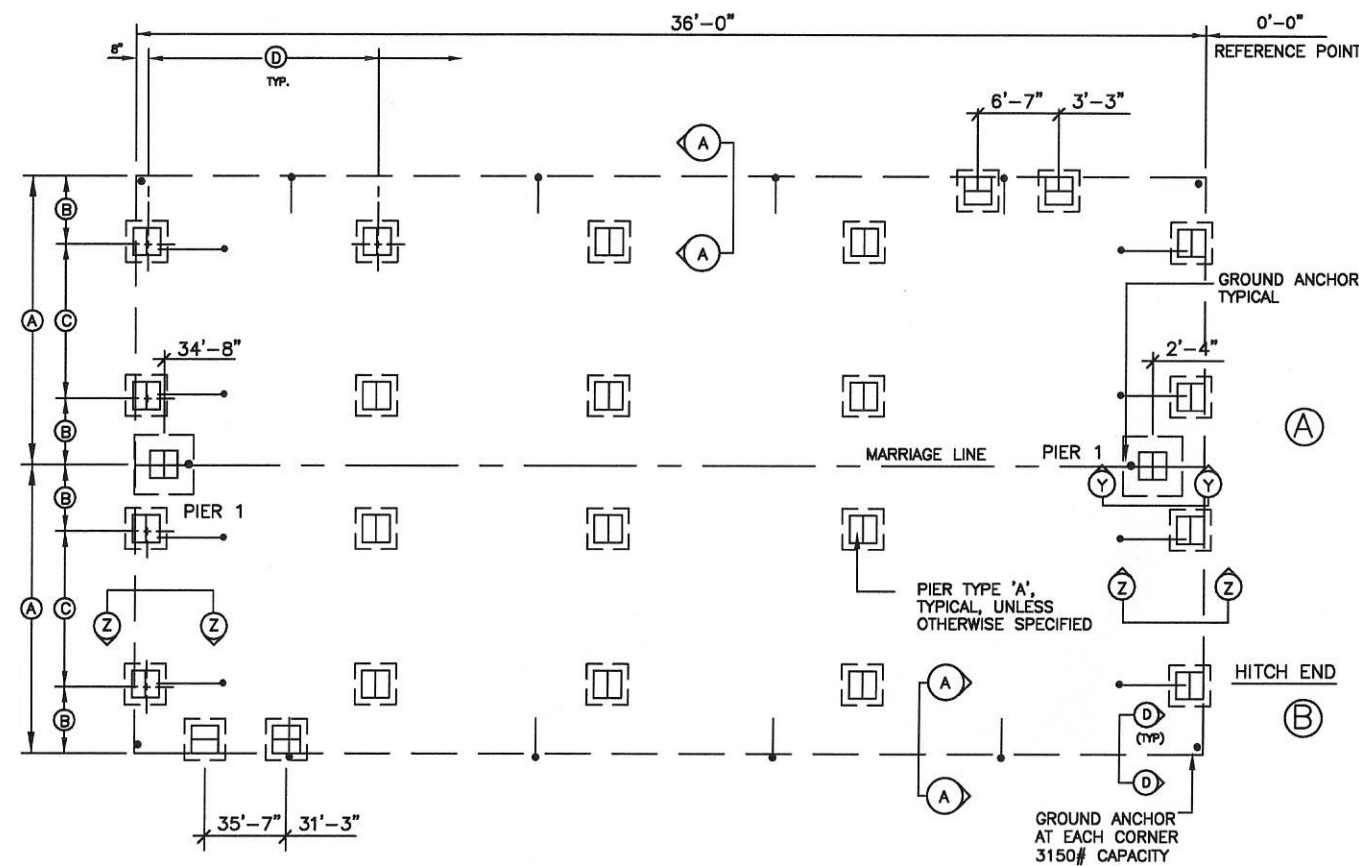


CONSULTING ENGINEER | KENNETH EARL DUNMON - P.O. BOX 6853 - AMERICUS, GEORGIA 31719 - 229-942-2020

DIAMOND BUILDERS INC. P.O. BOX 2200 DOUGLASS, GEORGIA 31534		440 THOMPSON DR. (912) 384-7080	
DATE: 3-2-23	REVISIONS:		
SCALE: NO SCALE			
CODES: SEE NOTES			
STATES: MD, VA, NJ, NC.		K.E.D.	
REFERENCE: 9252		By: R.E.G.	
DBI24x36 (2023) EDUCATIONAL-STOCK		6 OF 6 SHEET	
CROSS SECTION	MD. PLAN NO: DBI-24x36 (2023) MD		

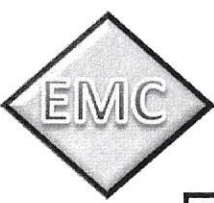
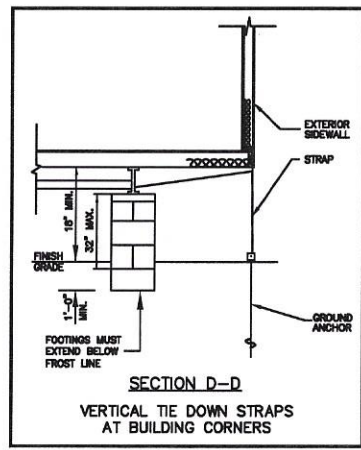
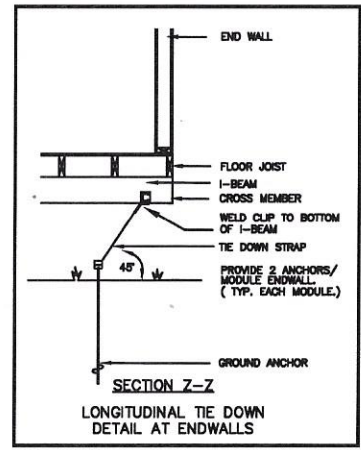
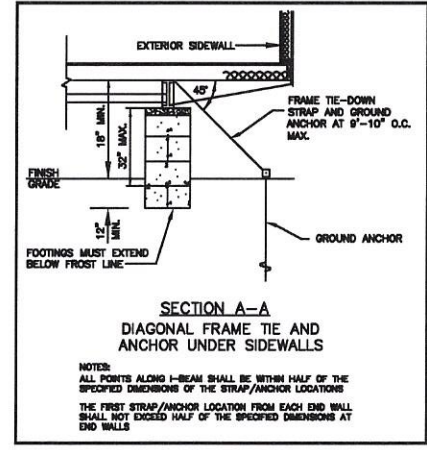


MARRIAGE WALL PIER REQUIREMENTS			
PIER NUMBER	MINIMUM SOIL BEARING CAPACITY	PIER TYPE	NUMBER OF VERTICAL TIE DOWN STRAPS REQ'D (EACH MODULE)
1	2000 PSF	C	1
	3000 PSF	D	1



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.

- 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\"/>



APPROVED
03 17 2023

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. 41056, Expiration Date: 10-17-23

● TYPICAL FOUNDATION LAYOUT SHOWN IS TO AID THE SITE ENGINEER/ARCHITECT FOR LOCATIONS OF REQUIRED SUPPORTS. ACTUAL FOUNDATION MUST BE DESIGNED TO SITE CONDITIONS FOR ALL APPLICABLE LOADS. THIS INCLUDES BUT IS NOT LIMITED TO CONSTRUCTION OF THE FOUNDATION, SEISMIC DESIGN AND ATTACHING THE BUILDING TO THE FOUNDATION, ALONG WITH THE RESISTANCE TO LATERAL, LONGITUDINAL SHEAR, UPLIFT AND DOWNWARD FORCES IN BOTH DIRECTIONS. TYPICAL FOUNDATION IS NOT INTENDED TO BE ALL INCLUSIVE, NOR DOES THIS SET DETAIL EVERY CODE REQUIRED ASPECT OF THIS BUILDING. COMPLIANCE WITH ALL APPLICATED CODES PER LOCAL AUTHORITY HAVING JURISDICTION WHETHER DETAILED IN THIS SET OR NOT MUST BE MET.

NOTICE TO FOUNDATION CONTRACTOR:
ALL DIMENSIONS, DETAILS AND NOTES ON THIS FOUNDATION PLAN MUST BE REVIEWED AND VERIFIED BY THE FOUNDATION CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION OF THE FOUNDATION. ANY APPARENT CONFLICTS, ERRORS OR OMISSIONS MUST BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL FOR RESOLUTION PRIOR TO PROCEEDING WITH CONSTRUCTION. THE CONTRACTOR MUST OBTAIN APPROVAL OF THE FOUNDATION PLAN FROM THE LOCAL BUILDING DEPARTMENT PRIOR TO COMMENCING CONSTRUCTION AND MUST COMPLY WITH ALL STATE AND LOCAL CODE, APPROVAL AND INSPECTION REQUIREMENTS. EMC IS NOT THE DESIGNER OF THE BUILDING OR THE FOUNDATION AND IS NOT RESPONSIBLE OR LIABLE FOR ANY CONFLICTS, ERRORS, OMISSIONS OR FAILURES TO COMPLY WITH STATE OR LOCAL CODES.

FOUNDATION ENCLOSURE (WHEN PROVIDED) MUST HAVE 1 SQUARE FOOT NET VENT AREA PER 1/10TH OF THE FLOOR AREA, AND AN 18\"/>

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 TO THE RIGHT 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"	85 1/2"
D MAXIMUM PIER SPACING	MINIMUM SOIL BEARING CAPACITY	
9'-0"	2000 PSF	
9'-0"	3000 PSF	

NEW JERSEY
CONSULTING ARCHITECT
ROBERT E. DUNN, R.A., LIC. #15414
4819A US 18 NORTH - SUITE 120
CLEARWATER, FL 33764 • (727) 844-8193

CONSULTING ENGINEER
KENNETH EARL DUNN — P.O. BOX 6853 — AMERICUS, GEORGIA 31719 — 229-942-2020

Professional Engineer Seal for Kenneth Earl Dunn, License No. 41056, State of Maryland, dated 3-17-23.

Professional Engineer Seal for Kenneth Earl Dunn, License No. 41056, State of Maryland, dated 3-17-23.

DIAMOND BUILDERS INC.	
P.O. BOX 2200 DOUGLASS, GEORGIA 31534	440 THOMPSON DR. (912) 384-7080
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	SHEET 1 OF 1