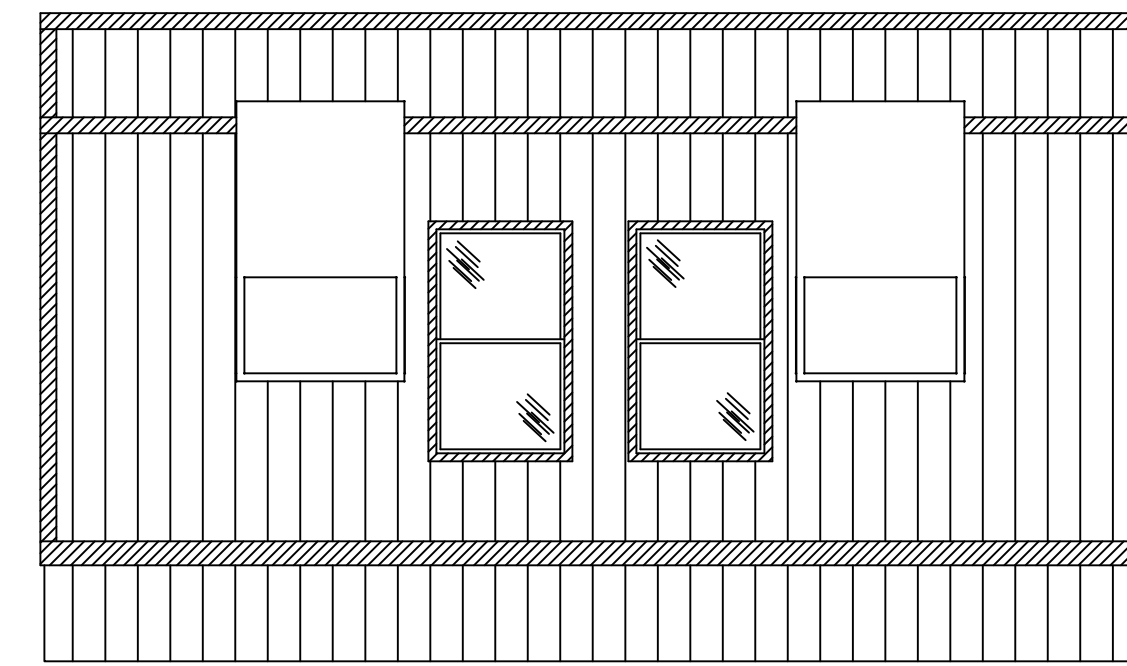


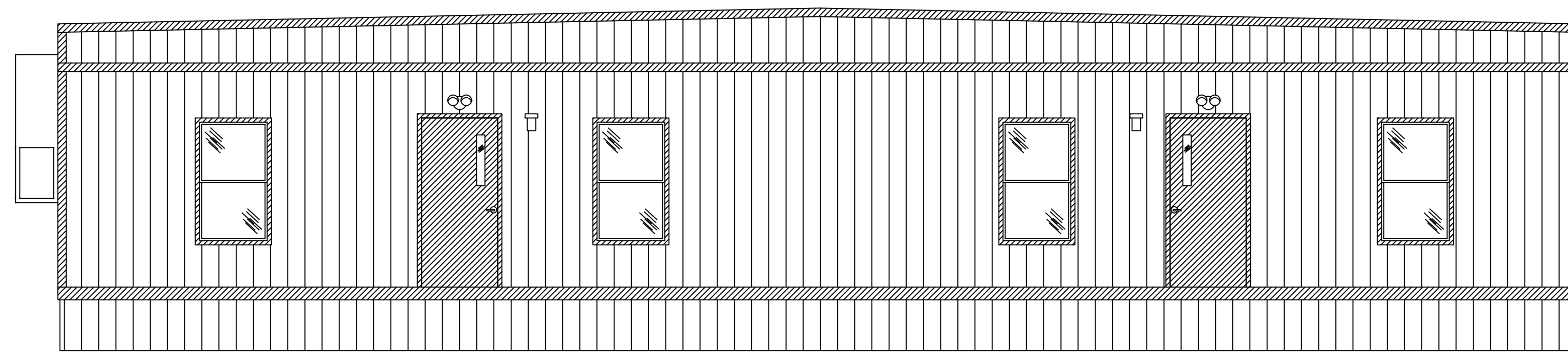
FRONT ELEVATION

FOUNDATION ENCLOSURE (WHEN PROVIDED) SHALL HAVE  
1 SQUARE FOOT NET VENT AREA PER 1/150th OF THE FLOOR AREA.



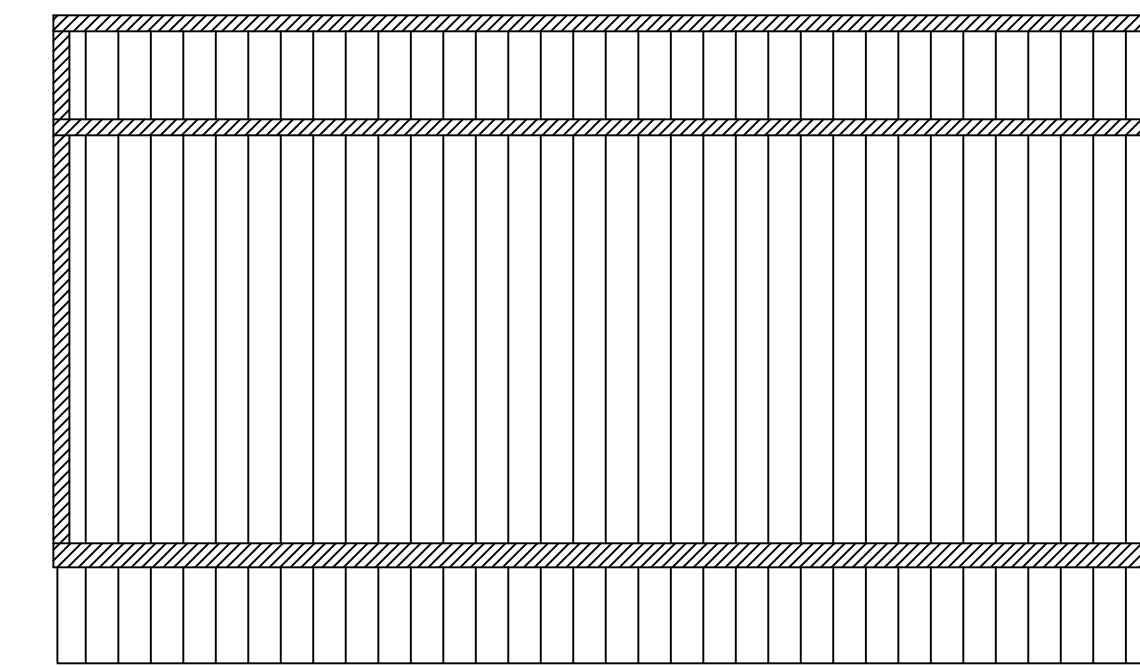
RIGHT ELEVATION

SEE CROSS SECTION FOR  
ROOF VENTILATION METHOD.



REAR ELEVATION

HANDICAP RAMP, STAIRS, AND HANDRAILS  
SITE INSTALLED, DESIGNED BY OTHERS, AND  
SUBJECT TO LOCAL CODE INSPECTION.



LEFT ELEVATION

THIRD PARTY: Expert Modular Consultants, LLC  
**EMC** 13103 W. Linebaugh Ave.  
Suite 102  
Tampa, Florida 33626

DEALER:

MODULAR GENIUS  
JOPPA, MD

PROJECT:

FORT MEADE, MD  
BREVARD, NC  
TRANSYLVANIA COUNTY



**DIAMOND BUILDERS, INC.**

440 THOMPSON DRIVE  
DOUGLAS, GA. 31535  
PHONE: (912)384-7080  
FAX: (912)384-5721

SERIAL#: 9039 AB			
SALESPERSON: CHAD DAY	DRAWN BY: KELLY EUBANKS	MODEL# 42'X60'	GC/MC PLAN# DBI-9039
CODE: MD/VA/NC/NJ/ TBC	LABEL: MD/VA/NC/ NJ/EMC	SHEET: 2 OF 10	
DATE: 11.08.20	OCCUPANCY: BUSINESS	ELEVATIONS	
SCALE: 1/4" = 1'-0"	QUOTE# 11493		

KENNETH EARL DUNMON  
PROFESSIONAL ENGINEER  
AMERICUS, GEORGIA

<b>FRAME &amp; FLOOR</b>		<b>WALLS-WINDOWS-DOORS</b> HEIGHT 8'-6" FINISHED HT: 8'-0"		<b>EXTERIOR</b> LP SMARTPANEL		<b>ROOF</b> 45 MIL BLACK EPDM		<b>ELECTRICAL</b> SINGLE PHASE		<b>A/C &amp; HEAT</b>		<b>RESTROOMS</b>	
AXLES AXLES W/ SELECT TIRES		PLATES DOUBLE TOP 2'x6"/2'x4" BOTTOM 2'x6"/2'x4"		OVER M/R HOUSE WRAP		STYLE TRANSVERSE		ENTRANCE PANEL (2) 125 AMP		TYPE A/C		STANDARD N/A HANDICAP 2 1/2	
HITCH REMOVABLE XXXX STANDARD		STUDS EXTERIOR: 2'x6" SYP #2 @ 16" O.C. INTERIOR: 2'x4" SYP #2 @ 16" O.C.		SIDING COLOR		2'x8" SYP #2 @ 24" O.C. NO BTM CHORD TRUSSES		LIGHTS (2) LED PORCH LIGHT W/ PHOTOCELL (19) LED T-GRID 2 BULB LIGHT STRIP		(2) 3 TON BARD WALL MT. W/ CRV @ A/B ONLY		COMMODE(S) (2) H/C TANK TYPE	
I-BEAM 12" OUTRIGGER FRAME W/ 95 1/2" BRAKE AXLES		INSULATION R- EXTERIOR: 19 INTERIOR: 13		BOTTOM TRIM SMART TRIM COLOR		4 LAYER 24" x 3/4" STRUCT 1 RIDGEBEAM @ MATELINE		POWER VENTS (2) VENT FAN/LED LIGHT COMBO (100 CFM)				W.H. LAV (2) W/ METAL FAUCET W/ ANTI-SCALD COVER FOR TRAP & SUPPLY MIRROR (2)	
JOIST 2'x8" SYP #2 @ 16" O.C.		COVERING 1/2" (LOOMA BEIGE) VCG THRU OUT		TOP TRIM COLOR		CEILING 2'x2" T-GRID		ENTRANCE CONDUIT 1-1/4" EMT				GRAB BAR (2) 36" (2) 42" @ 36" AFF (2) 18" @ 39" AFF	
INSUL R- 30		CUT BACK INTERIOR 12"-20"		CUT BACK EXTERIOR N/A		HURRICANE STRAPS YES-SIDES ONLY		EXIT SIGNS (2) LED EXIT/EMERGENCY LIGHT COMBO W/ GREEN LENSES		TYPE HEAT 15 KW		VANITY N/A	
DECKING DOUBLE 5/8" STURDIFLOOR PLYWOOD		STD VCG MOLDING PACKAGE		SKIRTING SMARTPANEL KIT BASED ON @ 42" AVG HT.		SHIP LOOSE 9" BLACK MATELINE TAPE		(1) 120V EXTERIOR WEATHERPROOF GFI RECEPT (2) LED DOUBLE EXTERIOR EMERGENCY LIGHT REMOTE HEAD		SUPPLY AIR SYSTEM FIBERGLASS CEILING DUCTED		URINAL N/A	
COVERING 1/8" VCT 12X12 (51830 COTTAGE TAN) THRU OUT		4" (BROWN) VINYL COVE BASE ROLL MOLDING THRU OUT		DECALS TBD		CUT BACK T-GRID PANEL @ MATELINE GYPSUM N/A		(1) 120V EXTERIOR WEATHERPROOF GFI RECEPT UNDER FLOOR FOR HEAT TAPE (2) GFI RECEPT PER PLAN (8) WALL MT. OCCUPANCY SENSOR SWITCH		RETURN AIR SYSTEM FIBERGLASS CEILING DUCTED		SHOWER WATER HEATER (1) INSTANT FLOW WATER HEATER	
BOTTOM BOARD								(2) 2X4 BLANK J-BOX WALL MTD. W/ 3/4" STUB @ 16" AFF W/ PULL STRINGS				SUPPLY PIPING: ***PEX***	
CUT BACK FINISH CARPET @ MATELINE DECKING N/A								W/C CABLE ABOVE CEILING ONLY				WASTE PIPING: PVC - STUB OUT ONLY BELOW FIXTURE	
								COPPER ROMEX THRU OUT REMAINDER				ALL WASTE LINE - MANIFOLD BY OTHERS ON SITE	

NOTE: ALL WALL DIMENSIONS ARE TO WALL FINISH AND NOT TO THE STUD!!!

NOTE: ALL HEIGHTS SPECIFIED A.F.F. (ABOVE FINISHED FLOOR) ARE MEASURED TO THE BOTTOM OF THE OBJECT OR ITEM.

**SYMBOL LEGEND**

	PANEL BOX		SINGLE SWITCH
	DUPLEX RECEPTACLE 120v		DOUBLE SWITCH
	PORCH LIGHT		WALL MT. J-BOX
	EXTERIOR WP GFI RECEPT		XRS EMERGENCY LIGHT
	VENT FAN/LIGHT COMBO		DUAL REMOTE HEAD
	FLUORESCENT LIGHT w/ 2-32W BULBS		10"x10" SUPPLY AIR DIFFUSER (CEILING)
	ENGINEERED GIRDER TRUSS DESCRIPTION		12"x12" RETURN AIR DIFFUSER (CEILING)
	UNDER FLOOR GFI WP RECEPT		THERMOSTAT
	SENSOR SWITCH		SINK ROUGH OUT
	CEILING MT. DOME LT.		ICE MAKER BOX
	NEMA RECEPT		VENT KIT
	DEDICATED RECEPT		MEDICAL GRADE RECEPT
	J-BOX FOR PULL BOX		J-BOX FOR HORN BOX

**COLOR CHART**

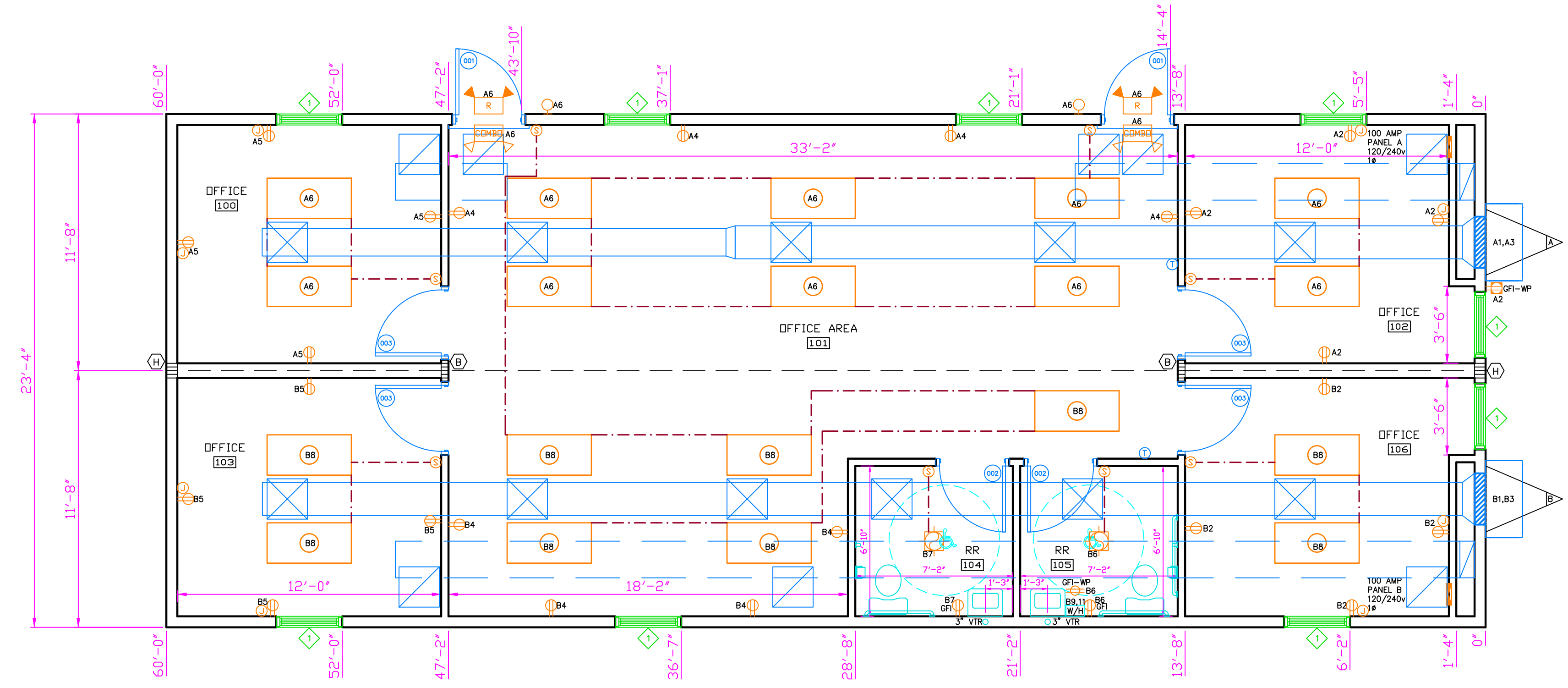
	WALLS
	WINDOWS
	DOORS
	ELECTRICAL
	WIRING
	HVAC / DUCT / DIFFUSERS
	DIMENSIONS
	TRUSS BAYS
	PLUMBING

NOTE: TT TACTILE SIGNAGE SHALL BE LOCATED ON EITHER SIDE OF DOORS AT ALL EXITS, INSTALLED ON SITE BY OTHERS.

NOTE: LT THE FLOOR AND ROOF DESIGN OF THIS PLAN IS "LIGHT FRAME TRUSS-TYPE CONSTRUCTION" AS REFERENCED IN FAC RULE 69A-3.012(6). POSTING OF NOTICE SIGN(S) AS REQUIRED BY FAC 69A-3.012(6) SHALL BE INSTALLED ON SITE BY OTHERS. THE SYMBOLS MUST BE INSTALLED WITHIN 24" TO THE LEFT SIDE OF THE MAIN ENTRANCE OF THE FACILITY. IT MUST BE LOCATED BETWEEN 4 FEET AND 6 FEET ABOVE THE FINISHED FLOOR.

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

- PRODUCT APPROVAL INFORMATION:
- CECO DOORS (IMPACT) - FLA# - 4553-R11
  - CROFT WINDOWS - FLA# - 10B53-R5
  - DOUGLAS METAL STEEL SIDING - FLA# - 8246-R3
  - MULEHIDE ROOF - FLA# - 19566.1-R2
  - LIPPERT STRAPS - RADCO LISTING# - 1235



**DOOR AND FRAME SCHEDULE**

Quantity	MARK	DOOR SIZE		GLAZING	HWD TYPE	FRAME	STYLE	FIRE RATING	NOTES
		WD	HGT						
2	001	3'-0"	6'-8"	4"x24"	LEVER	STEEL	STEEL	N/A	CLOSER
2	002	3'-0"	6'-8"	N/A	GRADE 2 PRIVACY LEVER	REDIFRAME	IMP. OAK H/C	N/A	FLOOR MTD. DOOR STOPS
4	003	3'-0"	6'-8"	N/A	GRADE 2 LEVER	REDIFRAME	IMP. OAK H/C	N/A	FLOOR MTD. DOOR STOPS

**WINDOW SCHEDULE**

Quantity	MARK	WINDOW SIZE		Style	Sill Height	FRAME/GLASS
		WIDTH	HEIGHT			
9	1	3'-0"	5'-0"	Single Hung	1'-8"	1/3" INSULATED WHITE VINYL LOW-E W/ BLACK EXTERIOR SECURITY SCREENS W/ VINYL MINI BLINDS

THIRD PARTY: Expert Modular Consultants, LLC  
**EMC**  
 13103 W. Linebaugh Ave.  
 Suite 102  
 Tampa, Florida 33626

DEALER:  
 MODULAR GENIUS  
 JOPPA, MD

PROJECT:  
 FORT MEADE, MD  
 BREVARD, NC  
 TRANSYLVANIA COUNTY



**DIAMOND BUILDERS, INC.**  
 440 THOMPSON DRIVE  
 DOUGLAS, GA. 31535  
 PHONE: (912)384-7080  
 FAX: (912)384-5721

SERIAL#: 9039 AB			
SALESPERSON: CHAD DAY	DRAWN BY: KELLY EUBANKS	MODEL# 42'X60'	GC/MC PLAN# DBI-9039
CODE: MD/VA/NC/NJ/ TBC	LABEL: MD/VA/NC/ NJ/EMC	SHEET: 3 OF 10	
DATE: 11.08.20	OCCUPANCY: BUSINESS	COMBINED FLOOR PLAN	
SCALE: 1/4" = 1'-0"	QUOTE# 11493		

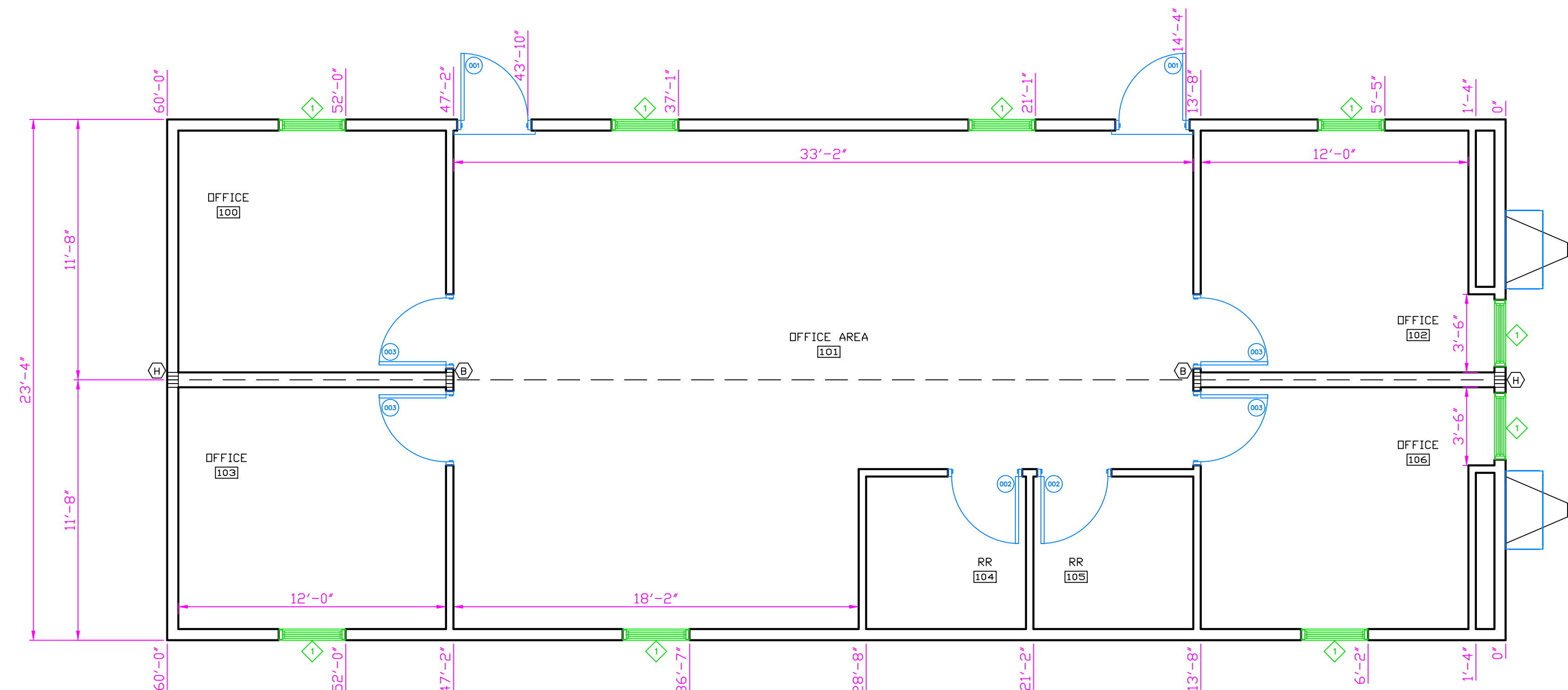
KENNETH EARL DUNMON  
 PROFESSIONAL ENGINEER  
 AMERICUS, GEORGIA

NOTE: ALL WALL DIMENSIONS ARE TO WALL FINISH AND NOT TO THE STUD!!!

NOTE: ALL HEIGHTS SPECIFIED A.F.F. (ABOVE FINISHED FLOOR) ARE MEASURED TO THE BOTTOM OF THE OBJECT OR ITEM.

SYMBOL LEGEND	
■ PANEL BOX	⌘ SINGLE SWITCH
⌘ DUPLEX RECEPTACLE 120v	⌘⌘ DOUBLE SWITCH
⊙ PORCH LIGHT	⊙ WALL MT. J-BOX
⊙ EXTERIOR WP GFI RECEPT	⊙ XRS EMERGENCY LIGHT
⊙ VENT FAN/LIGHT COMBO	⊙ DUAL REMOTE HEAD
⊙ FLUORESCENT LIGHT w/ 2-32W BULBS	⊙ 10"x10" SUPPLY AIR DIFFUSER (CEILING)
⊙ ENGINEERED GIRDER TRUSS DESCRIPTION	⊙ 12"x12" RETURN AIR DIFFUSER (CEILING)
⊙ UNDER FLOOR GFI WP RECEPT	⊙ THERMOSTAT
⊙ SENSOR SWITCH	⊙ SINK ROUGH IN
⊙ CEILING MT. DOME LT.	⊙ ICEMAKER BOX
⊙ NEMA RECEPT	⊙ VENT KIT
⊙ DEDICATED RECEPT	⊙ MEDICAL GRADE RECEPT
⊙ J-BOX FOR PULL BOX	⊙ J-BOX FOR HORN BOX

COLOR CHART	
■	WALLS
■	WINDOWS
■	DOORS
■	ELECTRICAL
■	WIRING
■	HVAC / DUCT / DIFFUSERS
■	DIMENSIONS
■	TRUSS BAYS
■	PLUMBING



DOOR AND FRAME SCHEDULE									
Quantity	MARK	DOOR SIZE			HWD TYPE	FRAME	STYLE	FIRE RATING	NOTES
		WD	HGT	GLAZING					
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2	002	3'-0"	6'-8"	N/A	GRADE 2 PRIVACY LEVER	REDIFRAME	IMP. OAK H/C	N/A	FLOOR MTD. DOOR STOPS
4	003	3'-0"	6'-8"	N/A	GRADE 2 LEVER	REDIFRAME	IMP. OAK H/C	N/A	FLOOR MTD. DOOR STOPS

WINDOW SCHEDULE						
Quantity	MARK	SIZE		Style	Sill Height	FRAME/GLASS
		WIDTH	HEIGHT			
9	1	3'-0"	5'-0"	Single Hung	1'-8"	V/S INSULATED WHITE VINYL LOW-E W/ BLACK EXTERIOR SECURITY SCREENS W/ VINYL MINI BLINDS

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SERIAL#: 9039 AB			
SALESPERSON: CHAD DAY	DRAWN BY: KELLY EUBANKS	MODEL# 42'X60'	GC/MC PLAN# DBI-9039
CODE: MD/VA/NC/NJ/ TBC	LABEL: MD/VA/NC/ NJ/EMC	SHEET: 4 OF 10	
DATE: 11.08.20	OCCUPANCY: BUSINESS	SCALE: 1/4" = 1'-0"	
SCALE: 1/4" = 1'-0"		QUOTE# 11493	FLOOR PLAN

KENNETH EARL DUNMON  
 PROFESSIONAL ENGINEER  
 AMERICUS, GEORGIA

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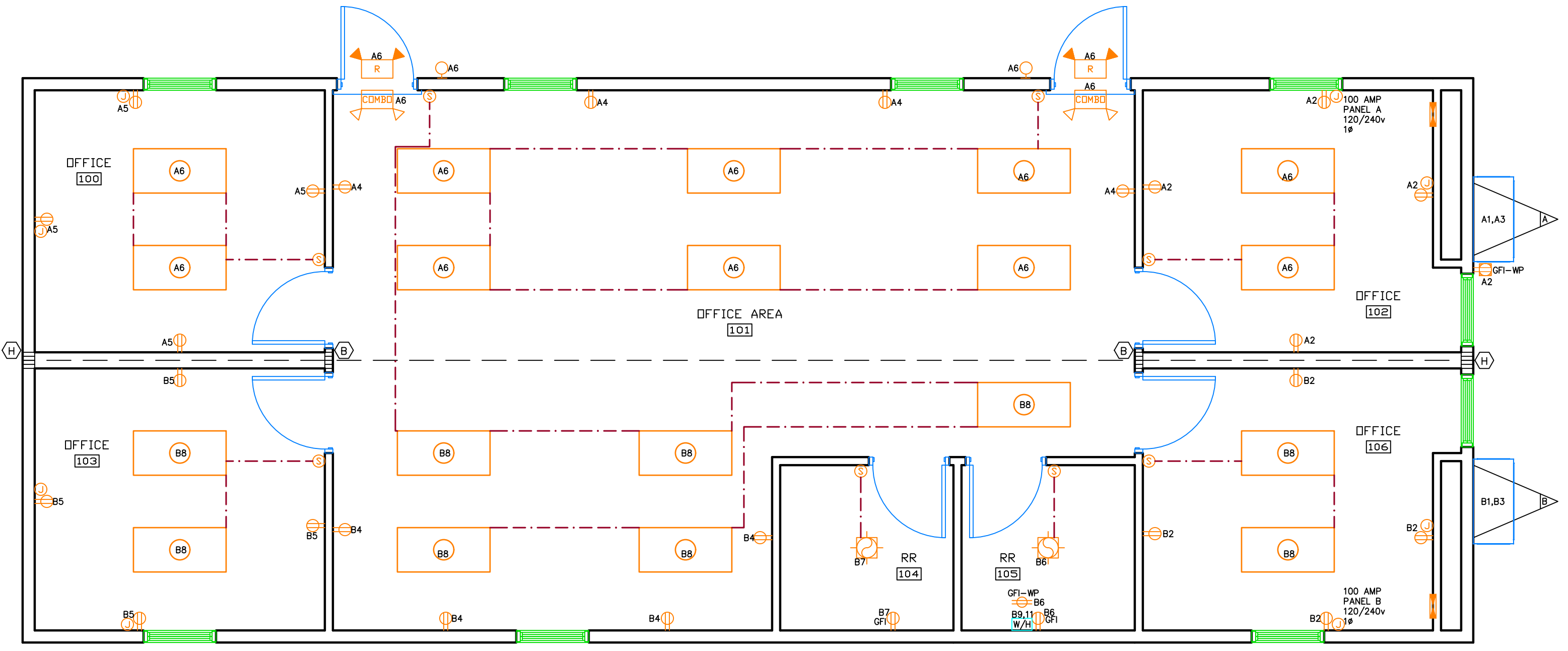
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**SYMBOL LEGEND**

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	FLUORESCENT LIGHT w/ 2-32W BULBS		10"x10" SUPPLY AIR DIFFUSER (CEILING)
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	UNDER FLOOR GFI WP RECEPT		THERMOSTAT
	SENSOR SWITCH		SINK ROUGH IN
	CEILING MT. DOME LT.		ICEMAKER BOX
	NEMA RECEPT		VENT KIT
	DEDICATED RECEPT		MEDICAL GRADE RECEPT
	J-BOX FOR PULL BOX		J-BOX FOR HORN BOX

**COLOR CHART**

	WALLS
	WINDOWS
	DOORS
	ELECTRICAL
	WIRING
	HVAC / DUCT / DIFFUSERS
	DIMENSIONS
	TRUSS BAYS
	PLUMBING



**A 125 AMP PANEL**

NO.	DESCRIPTION	BRKR	WIRE SIZE	NO.	DESCRIPTION	BRKR	WIRE SIZE
1	A/C	60	6	2	RECEPTS	20	12
3		60	6	4	RECEPTS	20	12
5	RECEPTS	20	12	6	LIGHTING	20	12
7				8			
9				10			
11				12			
13				14			
15				16			

TOTAL ACTUAL LTG. VA = 800 MIN. CODE LTG. VA = 2520 ( .720\_SF x .35 = 2520 VA)  
 TOTAL PANEL VA LOAD = (CONTIN.) 2520 + (NON-CONT.) 2340 + (MOTOR/HVAC/OTHER) 19,820 = 19,780VA  
 PANEL AMPS = TOTAL VA 19,780 / 240 V = 82.4 AMPS + 10% GROWTH 90.6 AMPS

**B 125 AMP PANEL**

NO.	DESCRIPTION	BRKR	WIRE SIZE	NO.	DESCRIPTION	BRKR	WIRE SIZE
1	A/C	60	6	2	RECEPTS	20	12
3		60	6	4	RECEPTS	20	12
5	RECEPTS	20	12	6	RECEPTS	20	12
7	RR	20	12	8	RR	20	12
9				10			
11	WATER HEATER	30	10	12	LIGHTING	20	12
13				14			
15				16			

TOTAL ACTUAL LTG. VA = 880 MIN. CODE LTG. VA = 2520 ( .720\_SF x .35 = 2520 VA)  
 TOTAL PANEL VA LOAD = (CONTIN.) 2520 + (NON-CONT.) 2520 + (MOTOR/HVAC/OTHER) 19,820 = 24,910VA  
 PANEL AMPS = TOTAL VA 24,910 / 240 V = 103.8 AMPS + 10% GROWTH 114.2 AMPS

THIRD PARTY: Expert Modular Consultants, LLC  
**EMC** 13103 W. Linebaugh Ave.  
 Suite 102  
 Tampa, Florida 33626

DEALER:  
 MODULAR GENIUS  
 JOPPA, MD

PROJECT:  
 FORT MEADE, MD  
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 TRANSYLVANIA COUNTY



**DIAMOND BUILDERS, INC.**  
 440 THOMPSON DRIVE  
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 PHONE: (912)384-7080  
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SERIAL#: 9039 AB			
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CODE: MD/VA/NC/NJ/ TBC	LABEL: MD/VA/NC/ NJ/EMC	SHEET: 5 OF 10	
DATE: 11.08.20	OCCUPANCY: BUSINESS	ELECTRICAL FLOOR PLAN	
SCALE: 1/4" = 1'-0"	QUOTE# 11493		

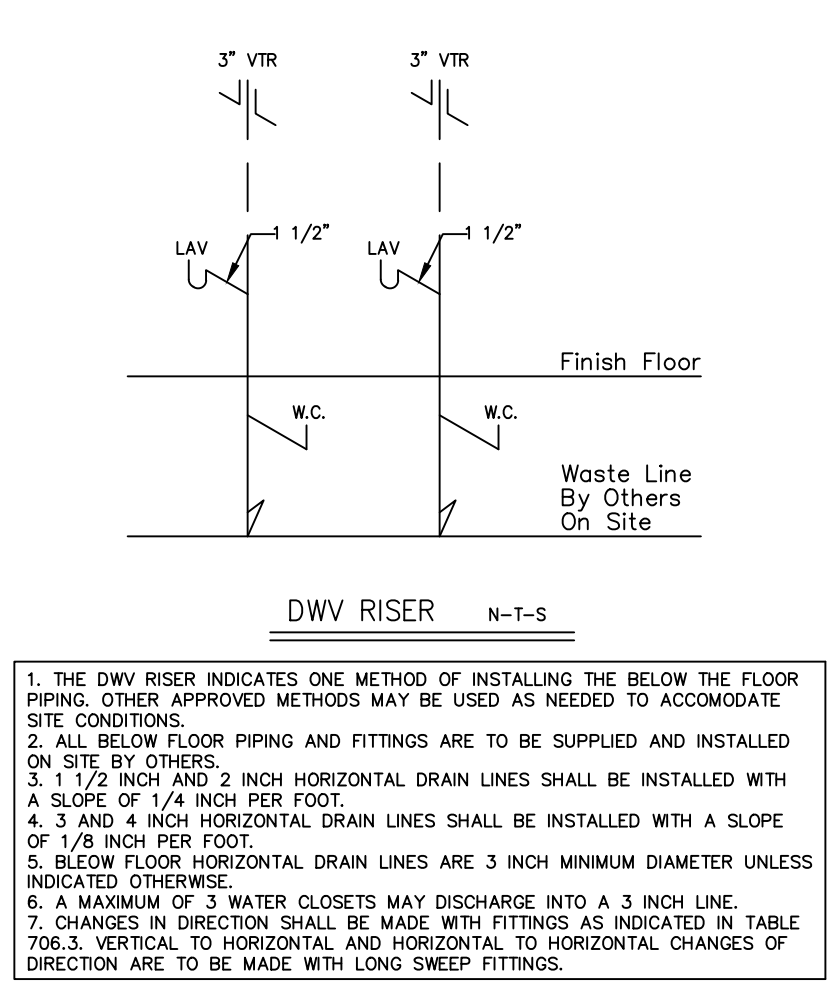
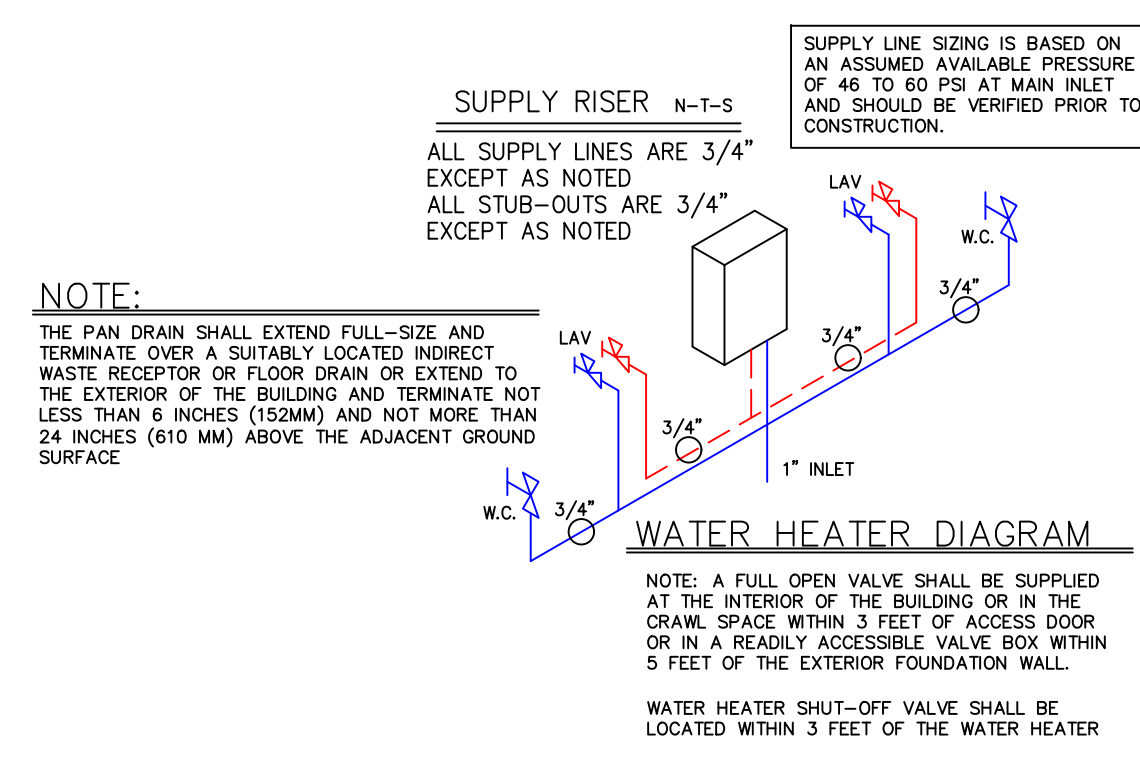
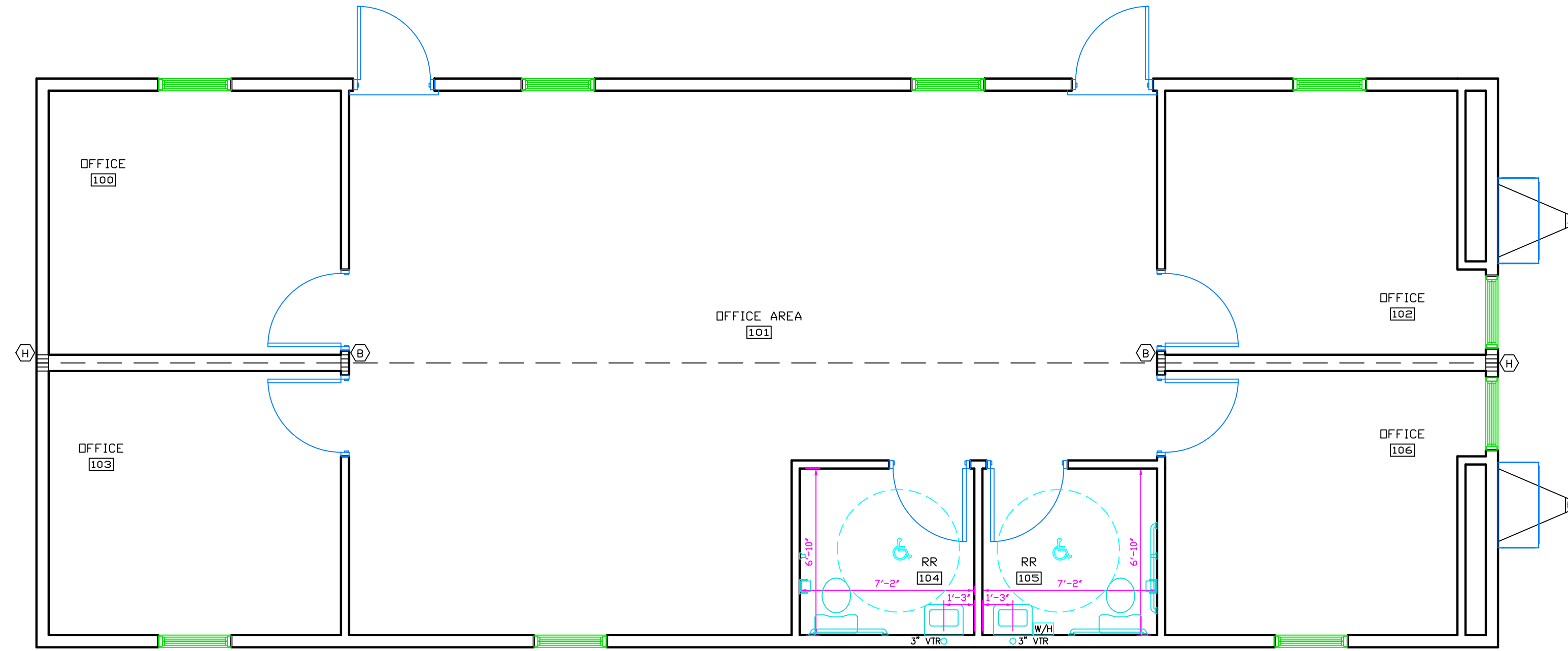
KENNETH EARL DUNMON  
 PROFESSIONAL ENGINEER  
 AMERICUS, GEORGIA

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NOTE: ALL HEIGHTS SPECIFIED A.F.F. (ABOVE FINISHED FLOOR) ARE MEASURED TO THE BOTTOM OF THE OBJECT OR ITEM.

SYMBOL LEGEND	
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Ⓢ ENGINEERED GIRDER TRUSS DESCRIPTION	Ⓢ 12"x12" RETURN AIR DIFFUSER (CEILING)
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Ⓢ SENSOR SWITCH	Ⓢ SINK ROUGH IN
Ⓢ CEILING MT. DOME LT.	Ⓢ ICEMAKER BOX
Ⓢ NEMA RECEPT	Ⓢ VENT KIT
Ⓢ DEDICATED RECEPT	Ⓢ MEDICAL GRADE RECEPT
Ⓢ J-BOX FOR PULL BOX	Ⓢ J-BOX FOR HORN BOX

COLOR CHART	
■	WALLS
■	WINDOWS
■	DOORS
■	ELECTRICAL
■	WIRING
■	HVAC / DUCT / DIFFUSERS
■	DIMENSIONS
■	TRUSS BAYS
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CODE: MD/VA/NC/NJ/ TBC	LABEL: MD/VA/NC/ NJ/EMC	SHEET: <b>6 OF 10</b>	
DATE: 11.08.20	OCCUPANCY: BUSINESS	PLUMBING FLOOR PLAN	
SCALE: 1/4" = 1'-0"	QUOTE# 11493		

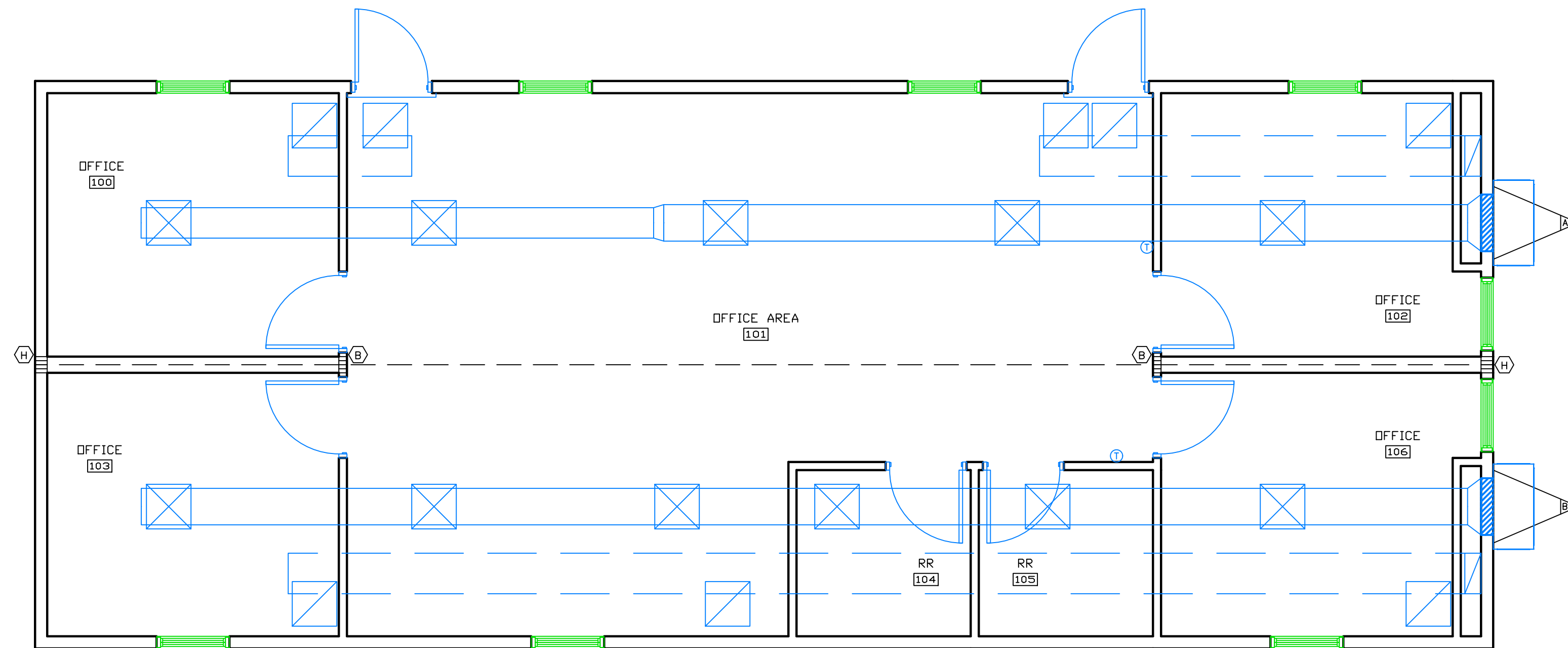
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COLOR CHART	
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CODE: MD/VA/NC/NJ/ TBC	LABEL: MD/VA/NC/ NJ/EMC	SHEET: 7 OF 10	
DATE: 11.08.20	OCCUPANCY: BUSINESS	MECHANICAL FLOOR PLAN	
SCALE: 1/4" = 1'-0"	QUOTE# 11493		

KENNETH EARL DUNMON  
 PROFESSIONAL ENGINEER  
 AMERICUS, GEORGIA

**EXTERIOR FINISH MATERIAL:**

ROOF - MULE-HIDE 45 MIL (BLACK) EPDM (ESR-1463) FULLY ADHERED TO 3/4" OSB OR 1" PLYWOOD WITH MULE-HIDE FR ADHESIVE IN ACCORDANCE WITH INTERTEK REPORT CCCR-1078 (CLASS C ROOF)

WALL - SMARTPANEL SIDING OVER APPROVED MOISTURE BARRIER INSTALLED PER MANUFACTURERS SPECIFICATIONS.

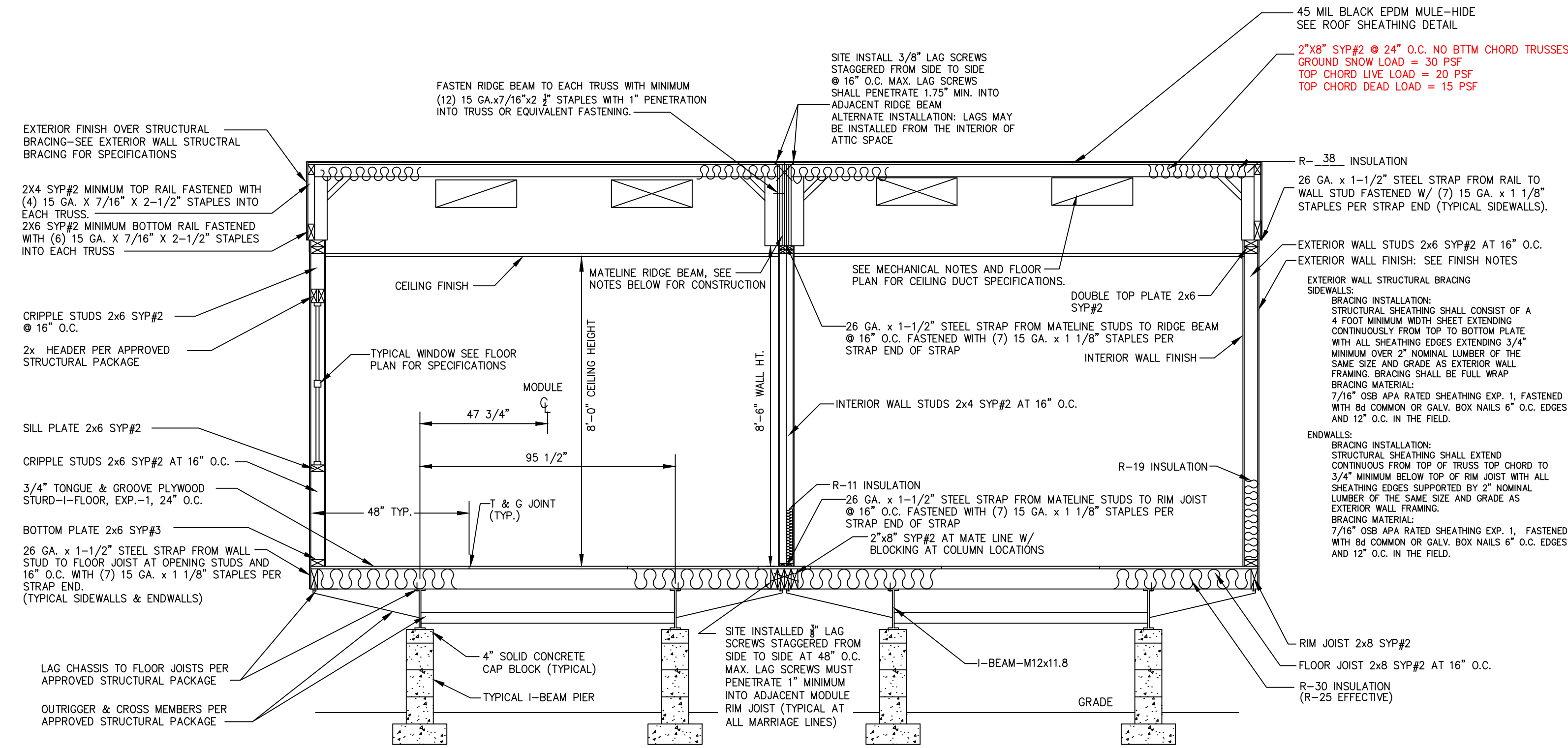
**INTERIOR FINISH MATERIAL:**

CEILING - 2'X2' T-GRID INSTALLED PER MANUFACTURERS SPECIFICATIONS.

WALLS - 1/2" GYPSUM BOARD THROUGHOUT INSTALLED PER MANUFACTURERS SPECIFICATIONS.

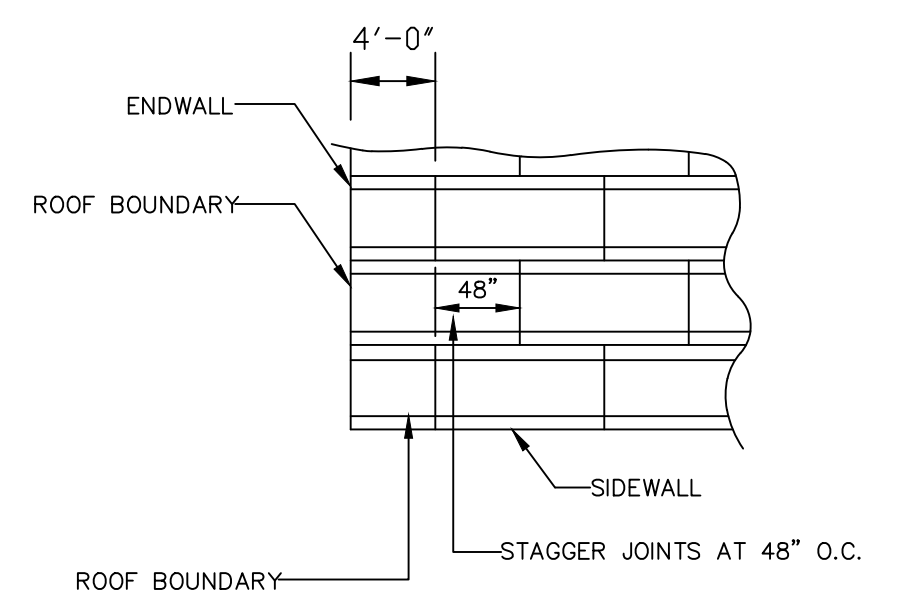
FLOOR - AS NOTED ON FLOOR PLAN.

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



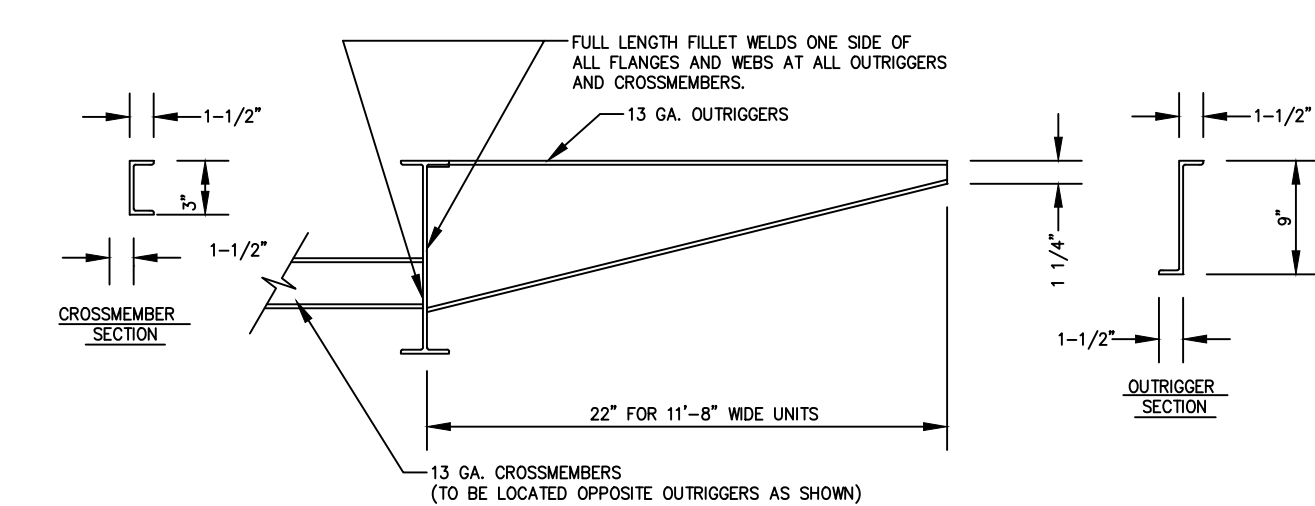
**GENERAL CROSS SECTION NOTES**

- UNLESS OTHERWISE SPECIFIED, ALL STEEL MUST COMPLY WITH ASTM A36, YIELD STRENGTH = 36 KSI.
- ALL LAG SCREWS MUST COMPLY WITH ANSI / ASME B18.2.1.



ROOF SHEATHING FASTENED TO TRUSS WITH 0.099" X 2" NAILS AT 6" O.C. ON EDGES AND 6" O.C. IN THE FIELD ON ALL ZONES

ROOF SHEATHING DETAIL



**RIDGEBEAM CONSTRUCTION**

4 LAYERS x 3/4" x 24" PLYWOOD RATED SHEATHING, EXPOSURE 1, STRUCT. 1  
5PLY, 5 LAYER, 48/24  
EACH SIDE OF EACH MARRIAGE LINE CONTINUOUS ENTIRE LENGTH OF BUILDING

- 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 SAME DEPTH, THICKNESS, AND GRADE OF PLYWOOD. NO LUMBER OR PLYWOOD FLANGES ARE PERMITTED.
  - PLYWOOD MUST BE MANUFACTURED IN ACCORDANCE WITH P.S.I. 83.
  - PLYWOOD LAMINATIONS IN EACH HALF OF UNITS MUST BE GLUE NAILED TO ADJACENT LAYERS IN ACCORDANCE WITH P.D.S. SUPPLEMENT #5. WITH AN ADHESIVE COMPLYING WITH A.S.T.M. D3930, D4689 OR D2559 AND APPLIED OVER ALL CONTACT PLYWOOD SURFACES IN A QUANTITY OF APPROXIMATELY 1.77 GALLONS/100 SQ. FT.
  - PLYWOOD MUST NOT BE TREATED WITH 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) INCH 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 WITH 100% GLUE COVERAGE AND (6) 15 GAUGE x 2 1/2 INCH STAPLES.

THIRD PARTY: Expert Modular Consultants, LLC  
**EMC**  
13103 W. Linebaugh Ave.  
Suite 102  
Tampa, Florida 33626

DEALER:  
  
MODULAR GENIUS  
JOPPA, MD

PROJECT:  
  
FORT MEADE, MD  
BREVARD, NC  
TRANSYLVANIA COUNTY

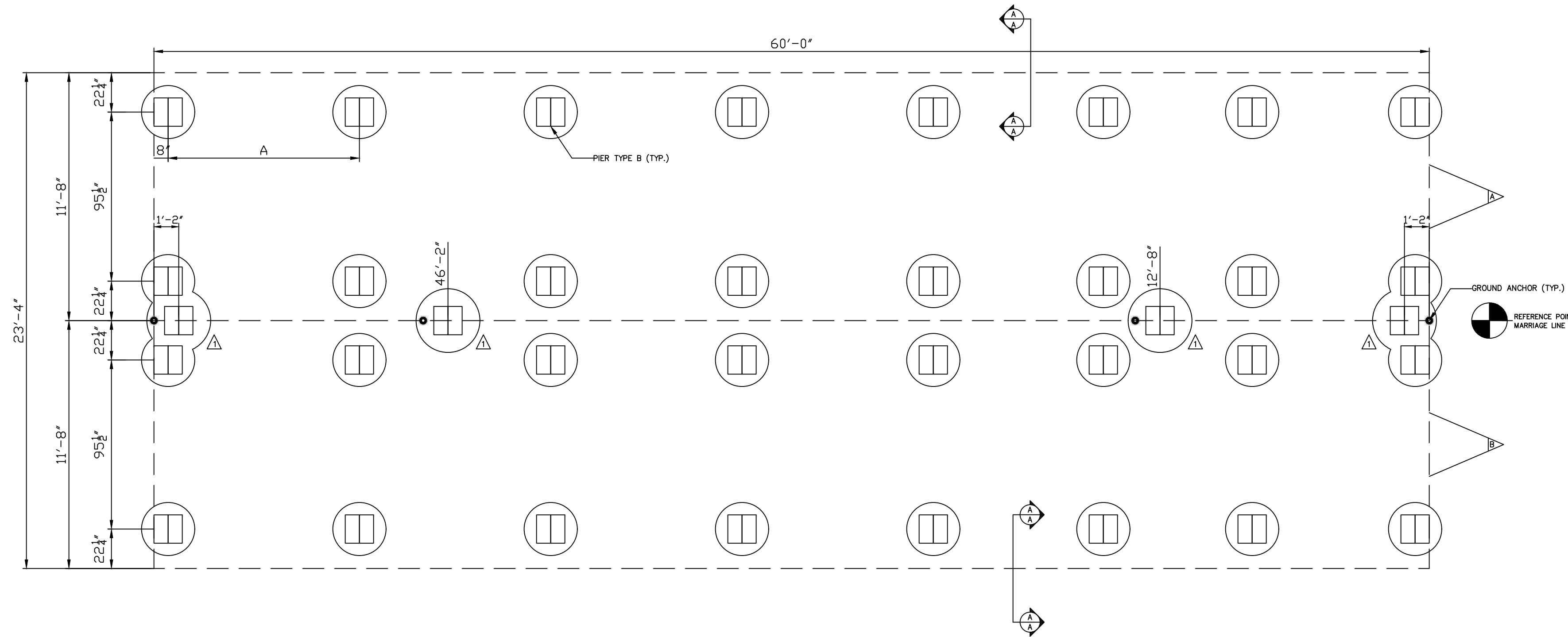


**DIAMOND BUILDERS, INC.**  
440 THOMPSON DRIVE  
DOUGLAS, GA. 31535  
PHONE: (912)384-7080  
FAX: (912)384-5721

SERIAL#: 9039 AB			
SALESPERSON: CHAD DAY	DRAWN BY: KELLY EUBANKS	MODEL# 42'X60'	GC/MC PLAN# DBI-9039
CODE: MD/VA/NC/NJ/ TBC	LABEL: MD/VA/NC/ NJ/EMC	SHEET:  8 OF 10	
DATE: 11.08.20	OCCUPANCY: BUSINESS	SCALE: 1/4" = 1'-0"	
SCALE: 1/4" = 1'-0"	QUOTE# 11493	CROSS SECTION	

KENNETH EARL DUNMON  
PROFESSIONAL ENGINEER  
AMERICUS, GEORGIA





**FOUNDATION PLAN -NTS-**  
 NOTE: THE FOUNDATION DIMENSIONS INDICATED ON THIS PLAN DO NOT ACCOUNT FOR GAPS THAT MAY OCCUR BETWEEN MODULES DURING THE INSTALLATION PROCESS. THE FOUNDATION CONTRACTOR SHOULD CONSULT WITH THE INSTALLATION CONTRACTOR TO DETERMINE IF ADJUSTMENTS NEED TO BE MADE PRIOR TO THE LAYOUT AND CONSTRUCTION OF THE FOUNDATION.

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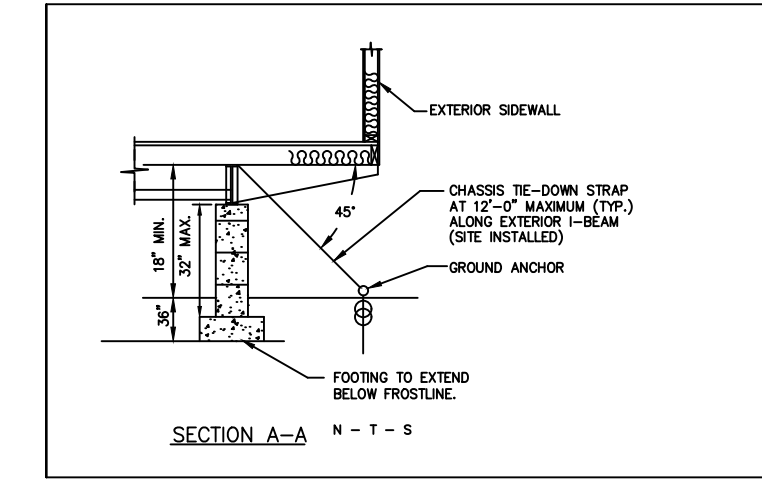
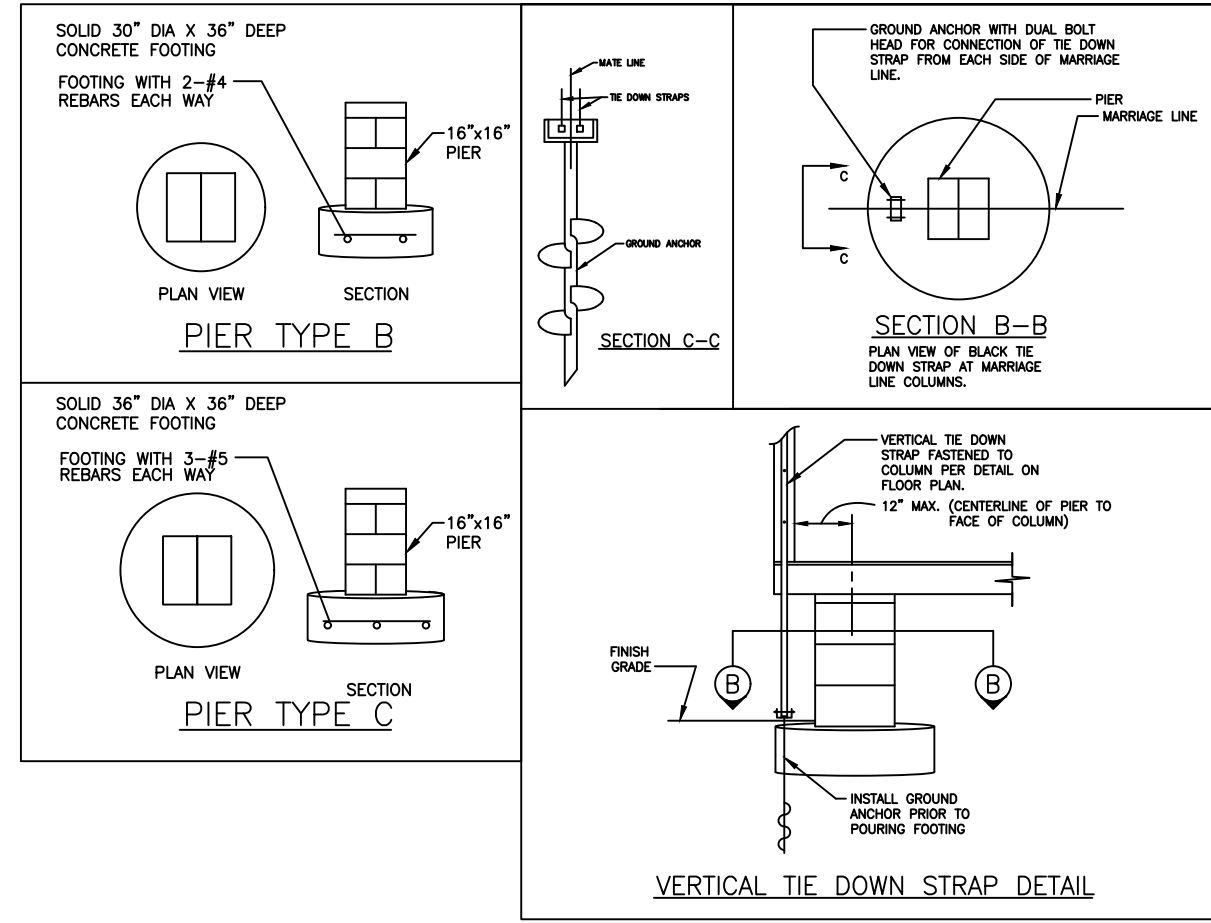
ALL DATA SHOULD BE PHYSICALLY VERIFIED BEFORE CONSTRUCTION OF FOUNDATION. THE CONTRACTOR PROVIDING FOUNDATION CONSTRUCTION SERVICES WILL ULTIMATELY BE RESPONSIBLE FOR THE FOUNDATION AND ANY FLAWS CONTAINED THEREIN.

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 REQ'S. OF THE JURISDICTION HAVING AUTHORITY.

- FOUNDATION NOTES:**
1. ALL FOUNDATION CONSTRUCTION, MATERIALS, AND INSTALLATION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODES.
  2. TIE-DOWN STRAPS TO BE 1-1/4" x .032" TYPE-1, FINISH B, GRADE ONE ZINC COATED STEEL STRAPPING CERTIFIED BY A REGISTERED ENGINEER OR ARCHITECT AS CONFORMING WITH ASTM D3953-91. TIE-DOWN STRAPS AND CONNECTING HARDWARE TO HAVE 3150# MINIMUM WORKING CAPACITY.
  3. GROUND ANCHORS SHALL HAVE 3150# MINIMUM WORKING CAPACITY, AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. DESIGN OF GROUND ANCHOR, INCLUDING SHANK LENGTH, NUMBER & 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 ARCHIT./ENGR. MUST BE CONSULTED FOR AN ALTERNATE ANCHORAGE DESIGN.
  4. THE FIRST TIE-DOWN STRAP FROM EAVESLINES SHALL NOT EXCEED 1/2 THE MAXIMUM SPACING INDICATED.
  5. ALL PIERS SHALL BE 8" x 8" CONCRETE MASONRY UNITS CONFORMING TO ASTM C90. MASONRY UNITS SHALL BE LAID IN TYPE M OR S WITH ITS LISTING. PIER FOOTINGS SHALL BE AS DESCRIBED ABOVE.
  6. MINIMUM FOOTING CONCRETE COMPRESSIVE STRENGTH 2,500 PSI AT 28 DAYS.
  7. ALL REINFORCEMENT BARS SHALL COMPLY WITH ASTM A415, GRADE 60. REINFORCEMENT BARS SHALL BE EQUALLY SPACED AND PLACED WITH 3" CLEARANCE FROM BOTTOM AND SIDES OF THE FOOTING.
  8. 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.
  9. ALL PIERS SHALL BE CAPPED WITH 24# SYP PRESSURE TREATED SILL PLATES, FULL LENGTH OF PIER, OR 4" SOLID CONCRETE CAP BLOCK.
  10. SOIL BEARING CAPACITY SHOWN ON THIS PLAN IS ASSUMED. IF THE ACTUAL SOIL BEARING CAPACITY IS LESS THAN 2000 PSF, THE ARCHIT./ENGR. MUST BE CONSULTED FOR REQUIRED ALTERNATE FOUNDATION DESIGN. FOOTINGS SHALL BE PLACED ON NON-EXPANSIVE SOILS ONLY.
  11. ALTERNATE FOUNDATION(S) AND/OR MODIFICATIONS OF THIS FOUNDATION MAY BE DESIGNED BY OTHERS, SUBJECT TO LOCAL JURISDICTION APPROVAL.

MINIMUM SOIL BEARING CAPACITY	A MAXIMUM PIER SPACING	DESIGN LIVE LOADS	
2000 PSF 3000 PSF	9'-0"	FLOOR - 50 PSF ROOF - 20 PSF	
MARRIAGE WALL PIER REQUIREMENTS			
PIER NUMBER	MINIMUM SOIL BEARING CAPACITY	PIER TYPE	NUMBER OF BLACK TIE DOWN STRAPS REQ'D. (EACH MODULE)
△	2000 PSF 3000 PSF	C	1

**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.



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