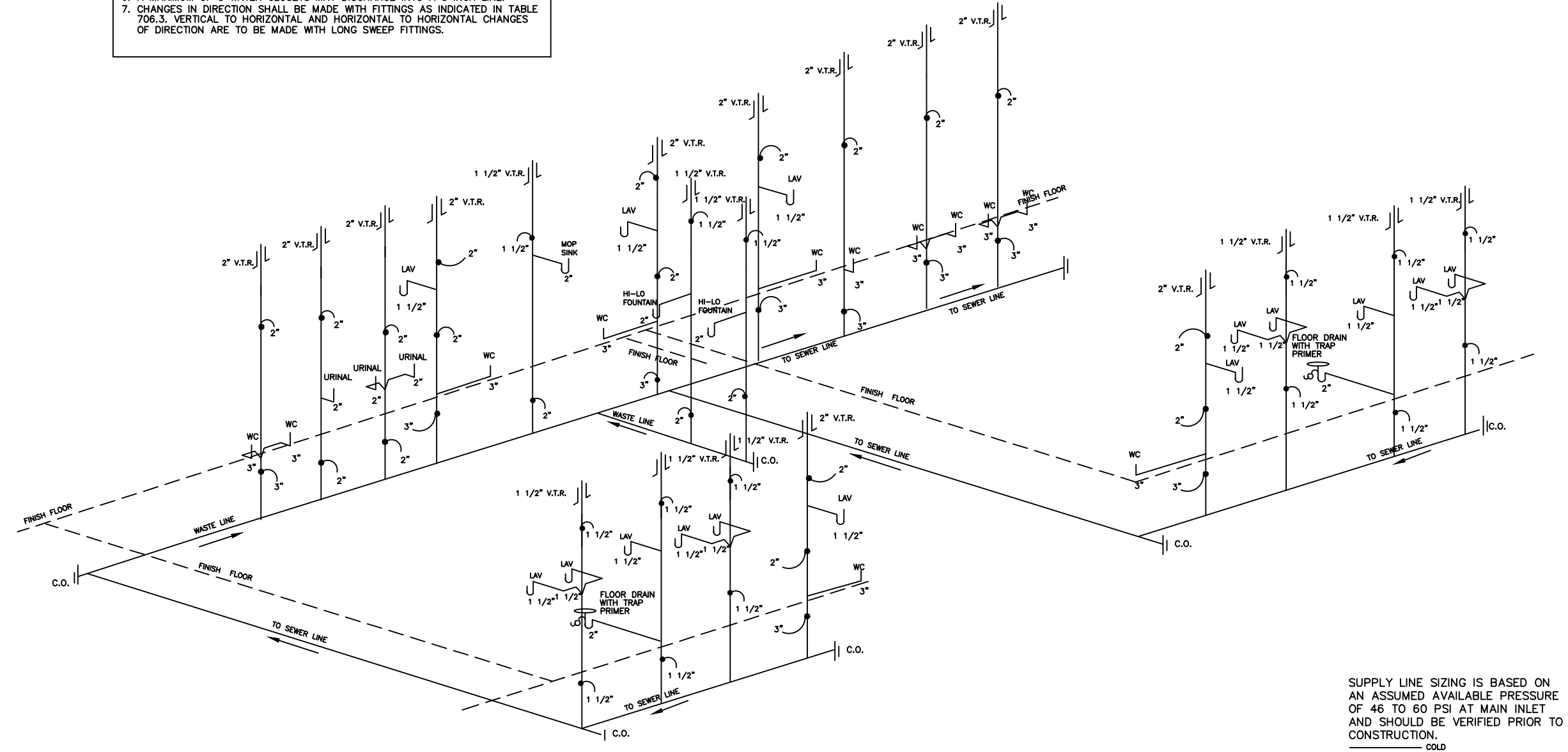


DWV RISER NOTES:

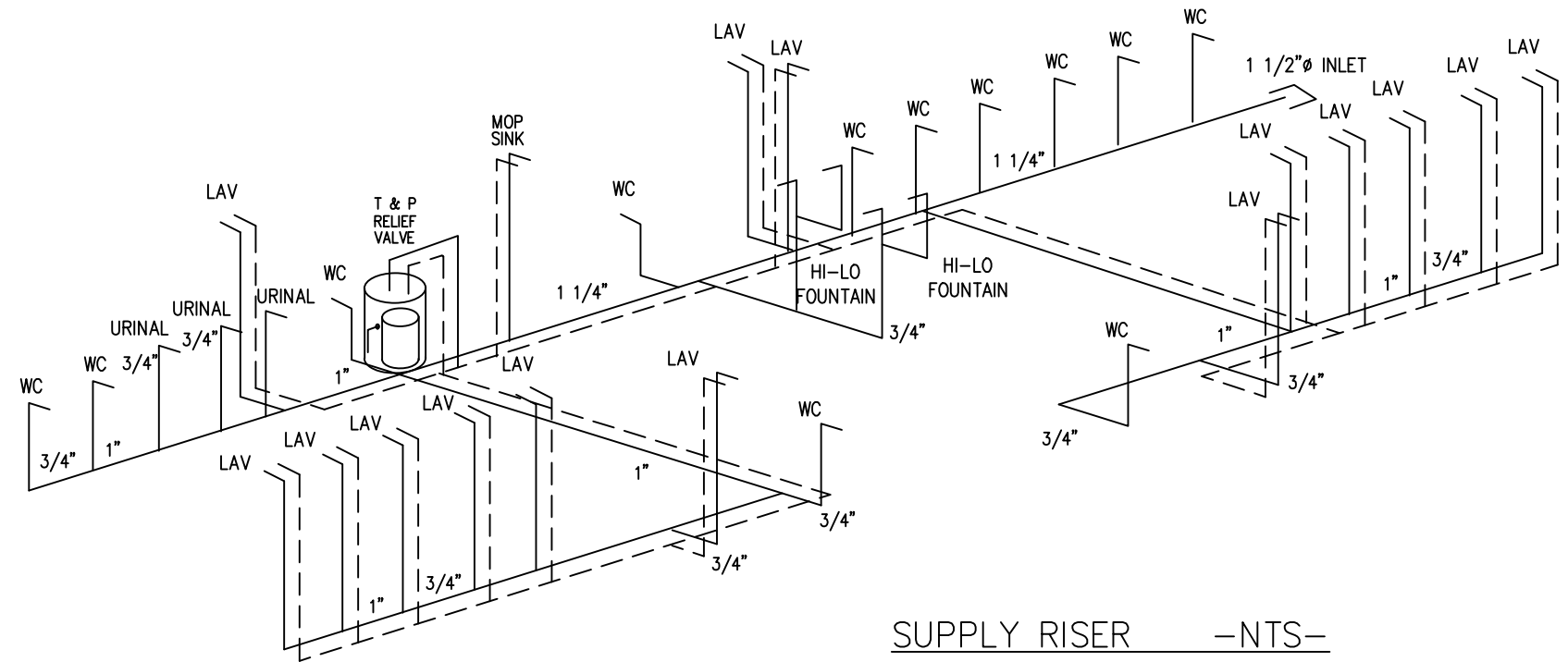
1. THE DWV RISER INDICATES ONE METHOD OF INSTALLING THE BELOW THE FLOOR PIPING. OTHER APPROVED METHODS MAY BE USED AS NEEDED TO ACCOMMODATE THE ACTUAL SITE CONDITIONS.
2. ALL BELOW FLOOR PIPING AND FITTINGS ARE TO BE SUPPLIED AND INSTALLED ON SITE BY OTHERS.
3. 1 1/2 INCH AND 2 INCH HORIZONTAL DRAIN LINES SHALL BE INSTALLED WITH A SLOPE OF 1/4 INCH PER FOOT.
4. 3 AND 4 INCH HORIZONTAL DRAIN LINES SHALL BE INSTALLED WITH A SLOPE OF 1/8 INCH PER FOOT.
5. BELOW FLOOR HORIZONTAL DRAIN LINES ARE 3 INCH MINIMUM DIAMETER UNLESS INDICATED OTHERWISE.
6. A MAXIMUM OF 3 WATER CLOSETS MAY DISCHARGE INTO A 3 INCH LINE.
7. CHANGES IN DIRECTION SHALL BE MADE WITH FITTINGS AS INDICATED IN TABLE 706.3. VERTICAL TO HORIZONTAL AND HORIZONTAL TO HORIZONTAL CHANGES OF DIRECTION ARE TO BE MADE WITH LONG SWEEP FITTINGS.



SUPPLY LINE SIZING IS BASED ON AN ASSUMED AVAILABLE PRESSURE OF 46 TO 60 PSI AT MAIN INLET AND SHOULD BE VERIFIED PRIOR TO CONSTRUCTION.

ALL SUPPLY LINES SHALL BE 3/4", ALL SUB-UPS SHALL BE 1/2" UNLESS OTHERWISE SPECIFIED.

DWV RISER NTS



SUPPLY RISER -NTS-

SYMBOL	DOOR SCHEDULE	TOTAL
A	36"x60" SOLID CORE IMPERIAL OAK W/PREFRAME WITH 4"x24" VIEW BLOCK, SAFETY GLASS	11
B	36"x60" SOLID CORE IMPERIAL OAK W/PREFRAME PUSH/PULL WITH LATCH	16
C	36"x60" SOLID CORE IMPERIAL OAK W/PREFRAME WITH LONG HARDWARE	2
D	72"x60" STEEL/STEEL W/4"x24" VIEW PANEL WITH LONG HARDWARE	4
E	36"x60" SOLID CORE IMPERIAL OAK W/PREFRAME WITH GLASS	1
	WINDOW SCHEDULE	TOTAL
X	36"x60" VERTICAL SLIDE, INSULATED BRONZE/TINTED	27

DOOR HARDWARE:
LEVER PRIVACY: RESTROOMS
KNOB LEVER LOCKSET (EXTERIOR DOORS)
LEVER PASSAGE: CLASSROOMS

WINDOW SCHEDULE
EXTERIOR: 36"x60" VERTICAL SLIDER +50/-50 DP INSULATED LOW-E, WHITE VINYL FRAME, TINTED GLASS
OPENING: 33.75'x 26.62' = 6.24 S.F.
EGRESS
FINISHED FLOOR

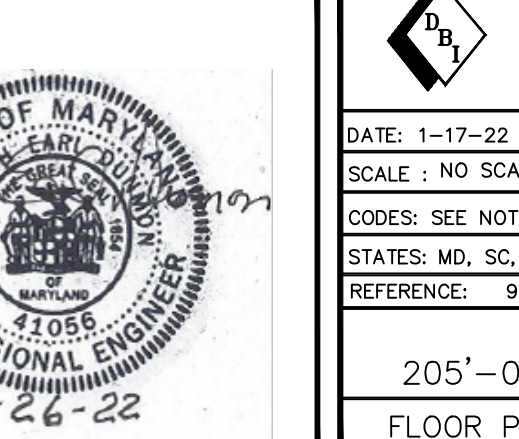
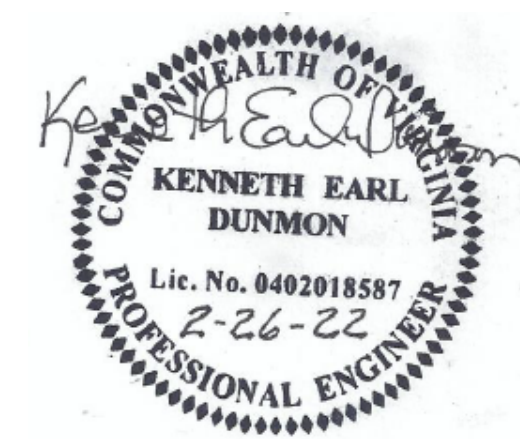
COLUMN STRAPPING SCHEDULE:
(A) (2) 2x4 SPF #2 THIS HALF. (B) (2) 2x4 SPF #2 EACH HALF.
(C) (3) 2x4 SPF #2 THIS HALF. (D) (3) 2x4 SPF #2 EACH HALF.
(E) (4) 2x4 SPF #2 THIS HALF. (F) (4) 2x4 SPF #2 EACH HALF.
(G) (5) 2x4 SPF #2 THIS HALF. (H) (2) 2x6 SPF #2 EACH HALF.
WITH RIDGE BEAM BEARING STIFFENER
NOTES: 1. ALL COLUMN STUDS SHALL BE GLUE/NAILED TOGETHER. 2. PVA GLUE WITH 100% COVERAGE SHALL BE USED. 3. INSTALL TWO STEEL STRAPS AT EACH STUD OF EACH COLUMN. 4. COLUMN STUDS SHALL NOT BE NOTCHED OR BORED.

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: 12-17-23

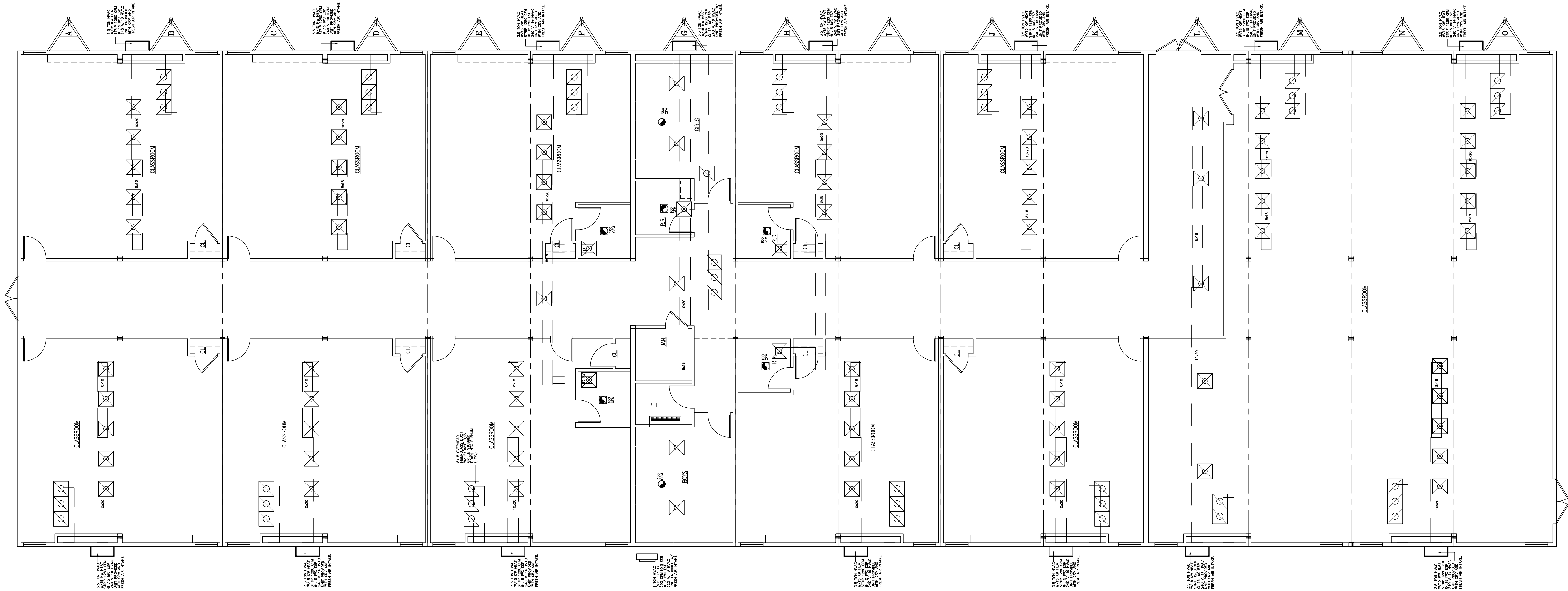


CONSULTING ARCHITECT
ROBERT E. GREGG R.A. LIC.#15414
18167 US 19 NORTH-SUITE 120
CLEARWATER, FL. 33764 (727) 644-8193



DIAMOND BUILDERS INC.
P.O. BOX 2230 440 THOMPSON DR.
DOUGLASS, GEORGIA 31534 (912) 384-7080

DATE: 1-17-22	REVISIONS:
SCALE: NO SCALE	
CODES: SEE NOTES	
STATES: MD, SC, VA, NC, NJ	MD. PLAN NO:
REFERENCE: 9725	DBI-9724 MD (2021)
DBI9725 A-0	BY: K.E.D.
205'-0" x 66'-0" EDUCATION	SHEET
FLOOR PLAN	2 OF 5
	DESTINATION: HARFORD CO, MD.



LEGEND

24"x24" RETURN AIR GRILLE

24"x24" SUPPLY AIR GRILLE

EXHAUST FAN

6"x10" SUPPLY AIR GRILLE

THERMOSTAT PROGRAMMABLE

NOTES:

ACOUSTICAL CEILING TILE
INSTALLED PER MANUFACTURERS
SPECIFICATIONS (MOISTURE RESISTANT
IN RESTROOMS) BY OTHERS.

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.

SPRINKLER HEADS THAT COME INTO
INTSALLATION PROBLEM DUE TO LIGHTS
AND HVAC GRILLES WILL BE MOVED
AS LITTLE AS POSSIBLE

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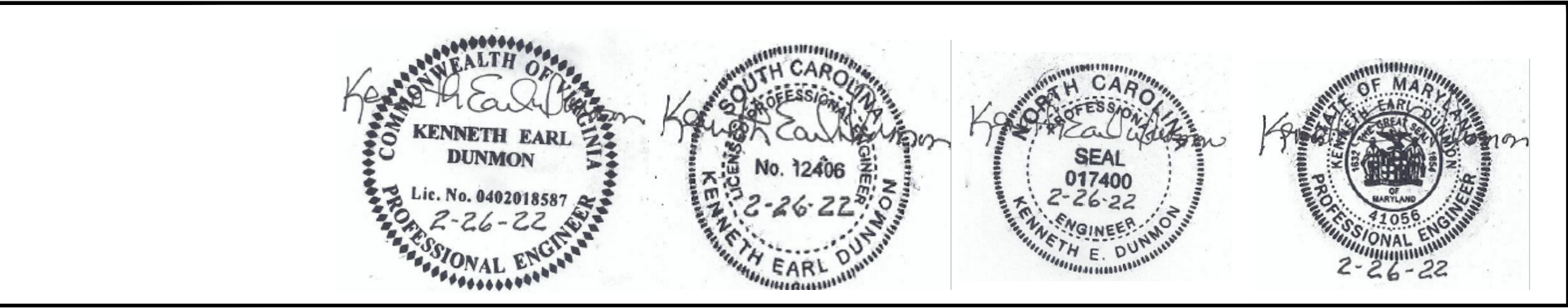
License No. 41056 Expiration Date: 10-17-23



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

NEW JERSEY

CONSULTING ARCHITECT
ROBERT E. GREGG R.A. LIC.#15414
18167 LIS 19 NORTH—SUITE 120
CLEARWATER, FL. 33764 (727) 644-8193



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

DATE: 1-17-22

SCALE : NO SCALE

CODES: SEE NOTES

STATES: MD, SC, VA, NC, NJ.

REFERENCE: 9725

REVISIONS:

MD. PLAN NO:	DBI9725 A-O	BY:	K.E.D.
REFERENCE:	DBI-9724 MD (2021)	SHEET	4 OF 5
205'-0" x 66'-0" EDUCATION		DESTINATION:	
MECHANICAL		HARFORD CO. MD.	

EXTERIOR FINISH MATERIAL:

ROOF

MULE-HIDE 60 MIL (WHITE) EPDM (ESR-1463) FULLY ADHERED TO 7/16" OSB OR 1/2" PLYWOOD WITH MULE-HIDE FR ADHESIVE IN ACCORDANCE WITH INTERTEK REPORT CCRR-1078 (CLASS C ROOF)

WALL

7/16" SMART PANEL SIDING OVER APPROVED MOISTURE BARRIER INSTALLED PER MANUFACTURERS SPECIFICATIONS.

INTERIOR FINISH MATERIAL:

CEILING

T-GRID CEILING INSTALLED PER MANUFACTURER'S SPECIFICATIONS

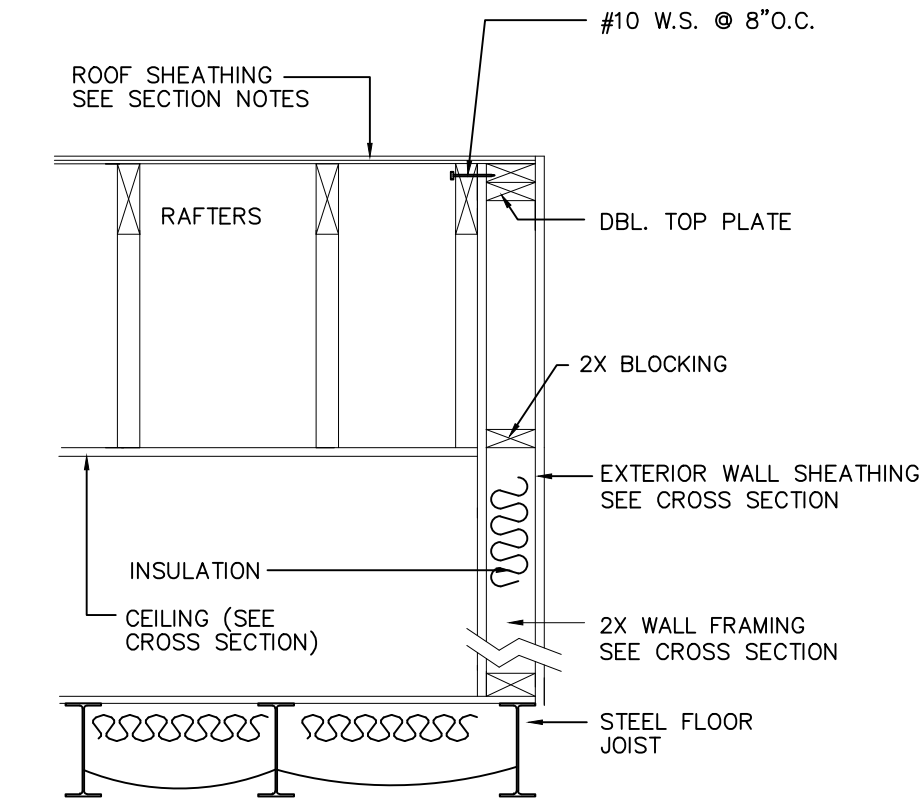
WALL

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

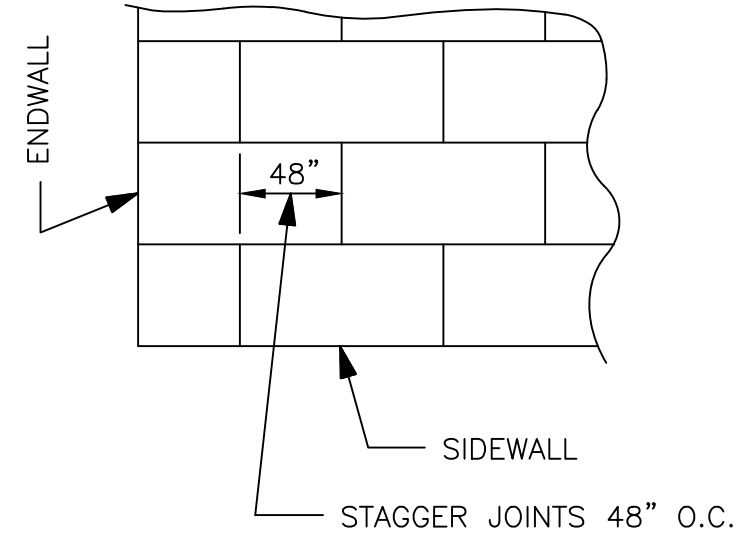
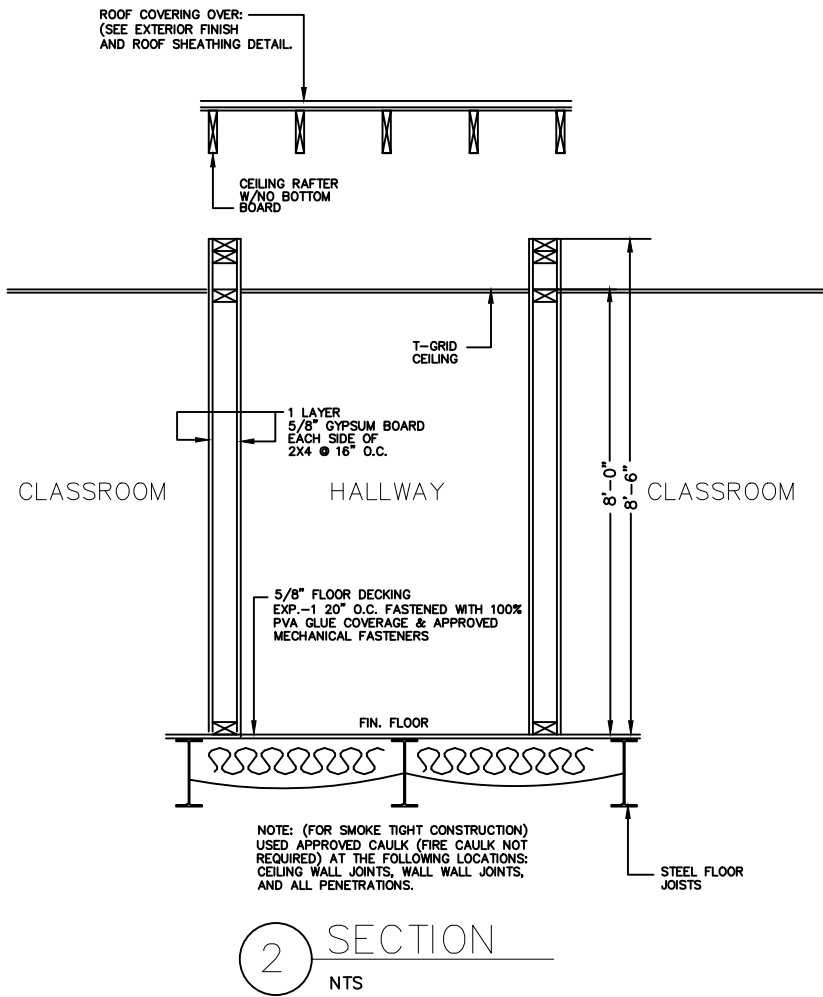
FLOOR

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.



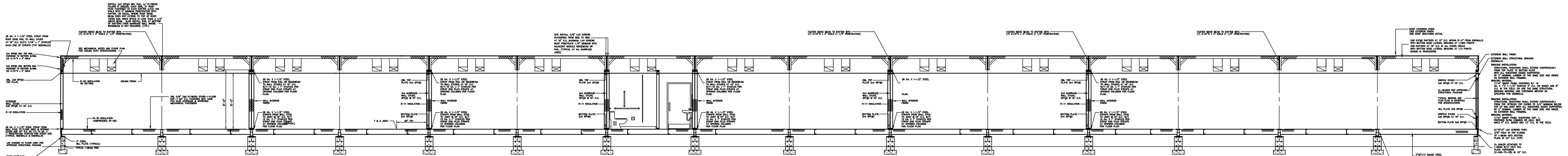
BALLOON END WALL DETAIL



ROOF SHEATHING FASTENED TO RAFTERS W/0.099"Ø x 2" NAILS AT 6" O.C. ON EDGES & 6" O.C. IN THE FIELD ON ALL ZONES

ROOF SHEATHING DETAIL

SEE DBI DESIGN PACKAGE PAGES FOR DIAGONAL BRACING AND ROOF JOIST GUSSET DETAILS.
C36.0-36.3 (2018 IBC)
C34.0-34.3 (2015 IBC)



NOTE:
FOUNDATION PIERS AND FOOTINGS SHOWN ARE FOR REPRESENTATION ONLY, REFER TO FOUNDATION PLAN FOR DESIGN DETAILS

MATE LINE FLOOR CONNECTION

NTS

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License No. 41056 Expiration Date: 02-17-23

EMC

APPROVED

02 27 2022

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

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. FyB= 60 KSI MINIMUM.

3. SEE FOUNDATION PLAN FOR PIER AND TIE-DOWN STRAPPING LOCATIONS, ORIENTATIONS, AND SPECIFICATIONS.

RIDGE BEAM CONSTRUCTION:

(SEE FLOOR PLAN) 3/4" 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/PS SUPPLEMENT #5, W/ AN ADHESIVE COMPLYING W/ASTM D2559 (SEE APPROVED PACKAGE FOR MECHANICAL FASTENER SPECIFICATIONS & SPACING REQUIREMENTS)

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" SIPPS 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.

NEW JERSEY
CONSULTING ARCHITECT
ROBERT E. GREGG R.A. LIC.#15414
10167 US 19 NORTH-SUITE 120
CLEANWATER, FL. 33764 (727) 644-8193

Kenneth Earl Dunmon
Professional Engineer
License No. 41056
Expiration Date: 02-17-23

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License No. 41056
Expiration Date: 02-17-23

Diamond Builders Inc.

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

DATE: 1-17-2022

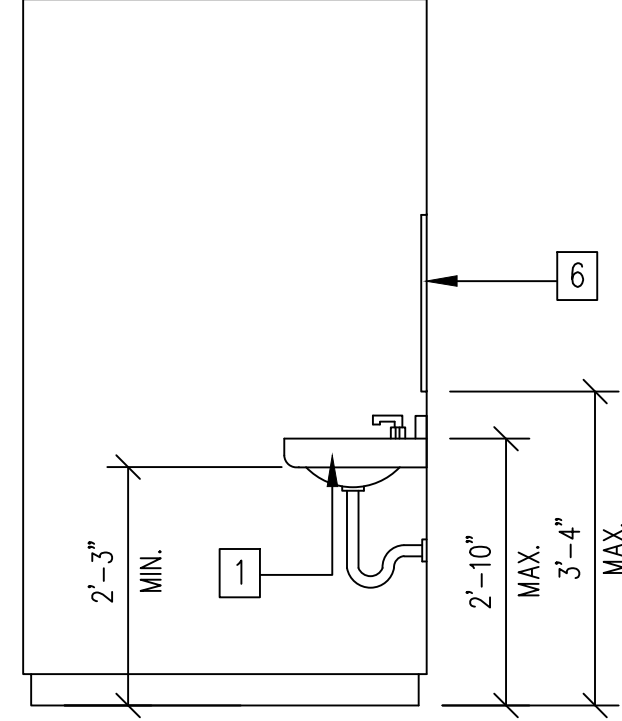
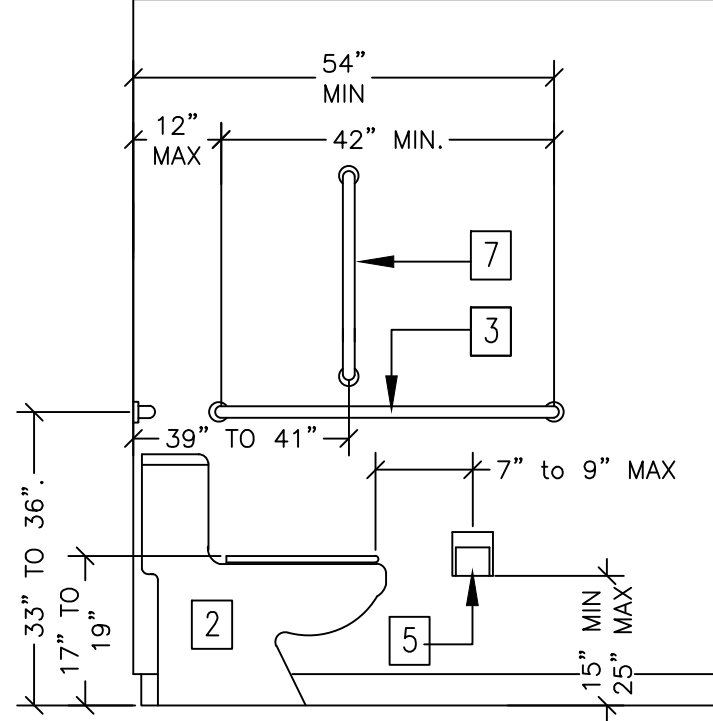
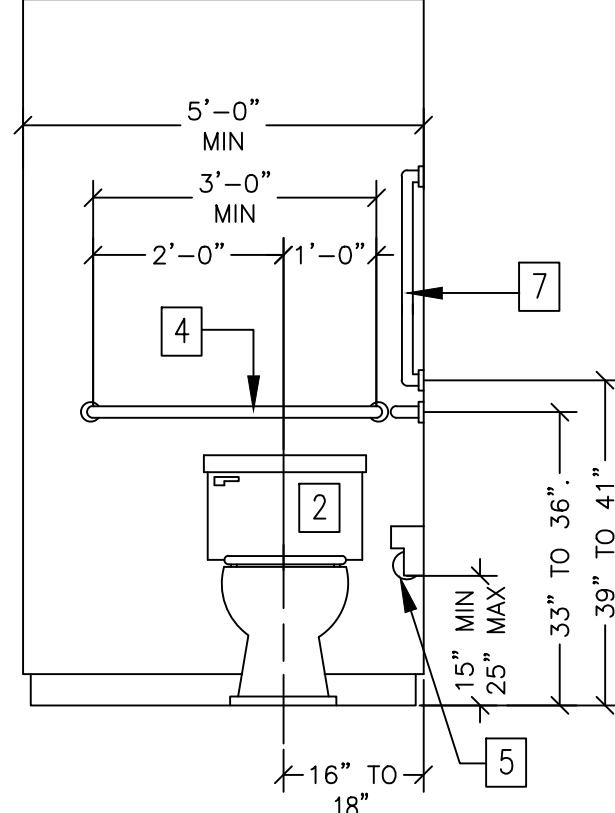
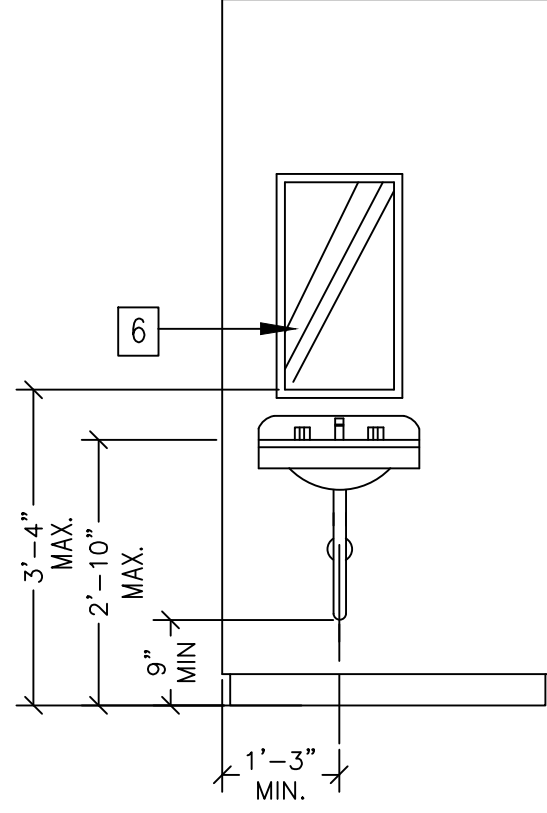
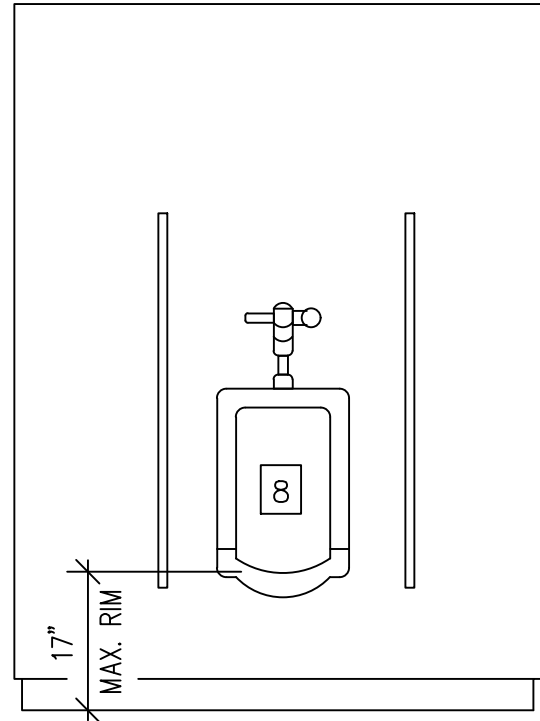
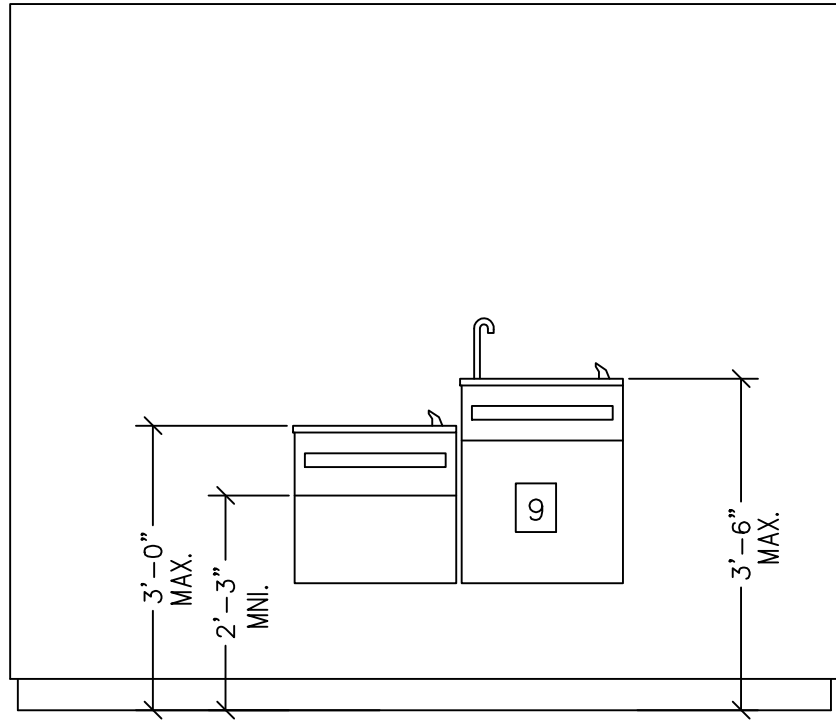
SCALE: REVISIONS:

STATES: MD, SC, VA, NC, NJ MD. PLAN NO: 87° K.E.D.

REFERENCE: 9725 DBI-9724 MD (2021) SHEET

DBI9725 A-0 205'-0" x 66'-0" EDUCATION 5 OF 5

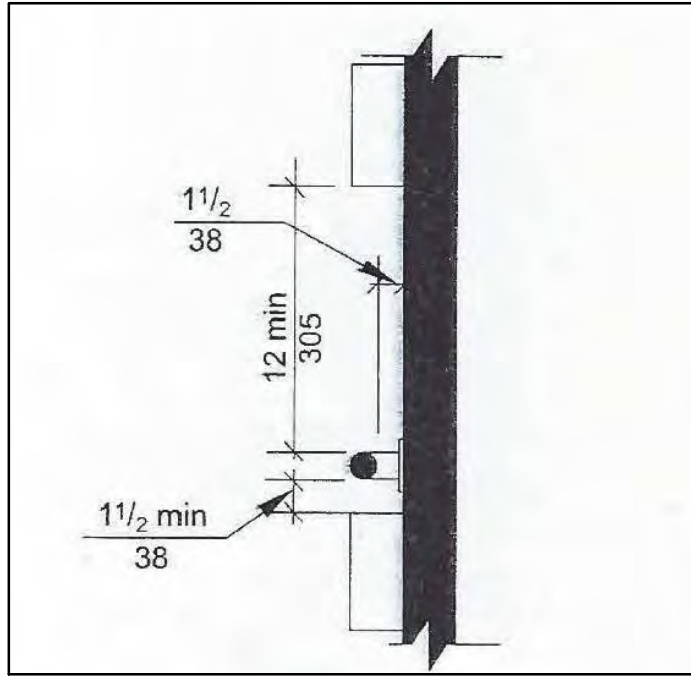
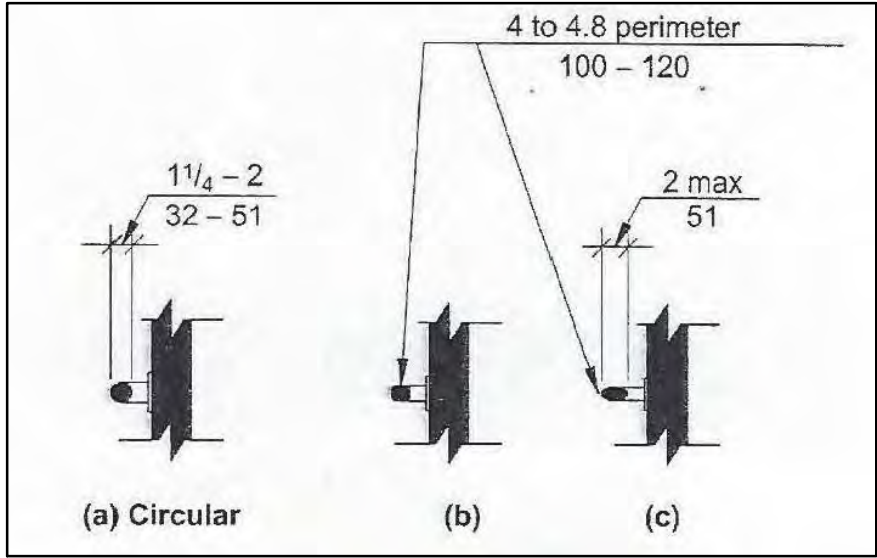
CROSS SECTION DESTINATION: HARTFORD CO, MD.



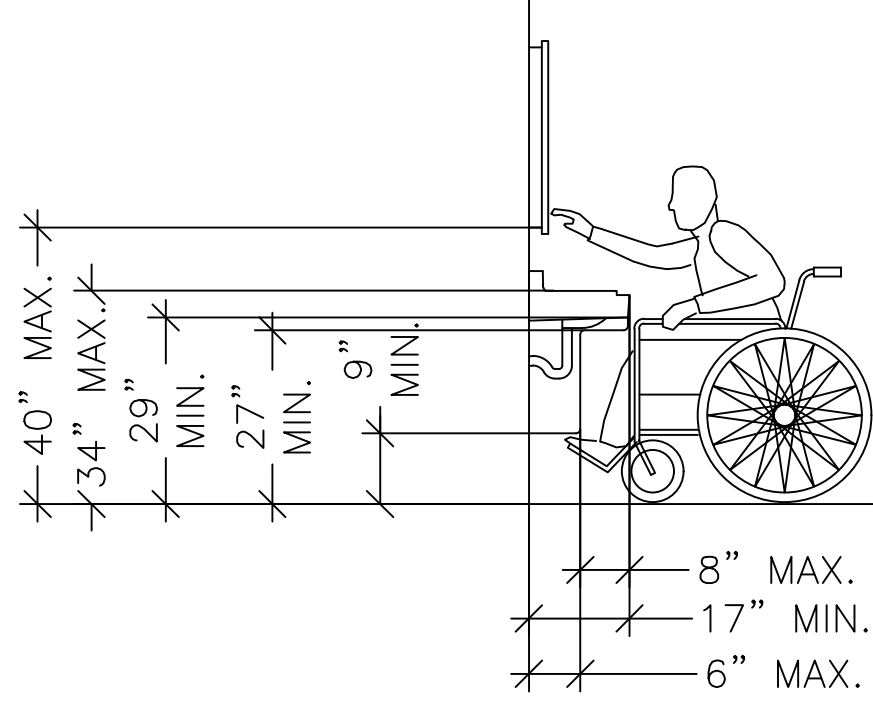
- LEGEND:**
- 1 LAVATORY
 - 2 H/C WATER CLOSET
 - 3 42" GRAB BAR
12 INCHES MAXIMUM
FROM REAR WALL
 - 4 36" GRAB BAR
 - 5 TOILET PAPER HOLDER
 - 6 MIRROR
 - 7 18" VERT GRAB BAR
 - 8 URINAL
 - 9 HI-LO FOUNTAIN

TYP. INTERIOR ELEVATIONS

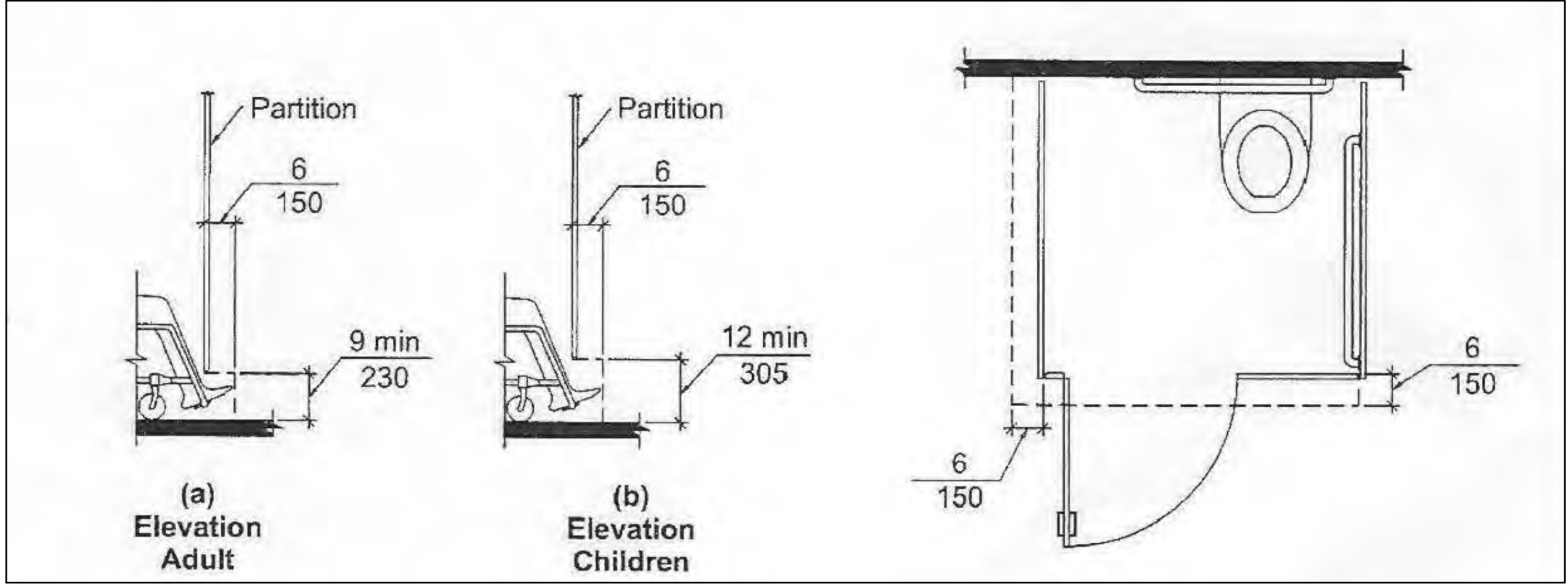
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GRAB BAR DETAIL

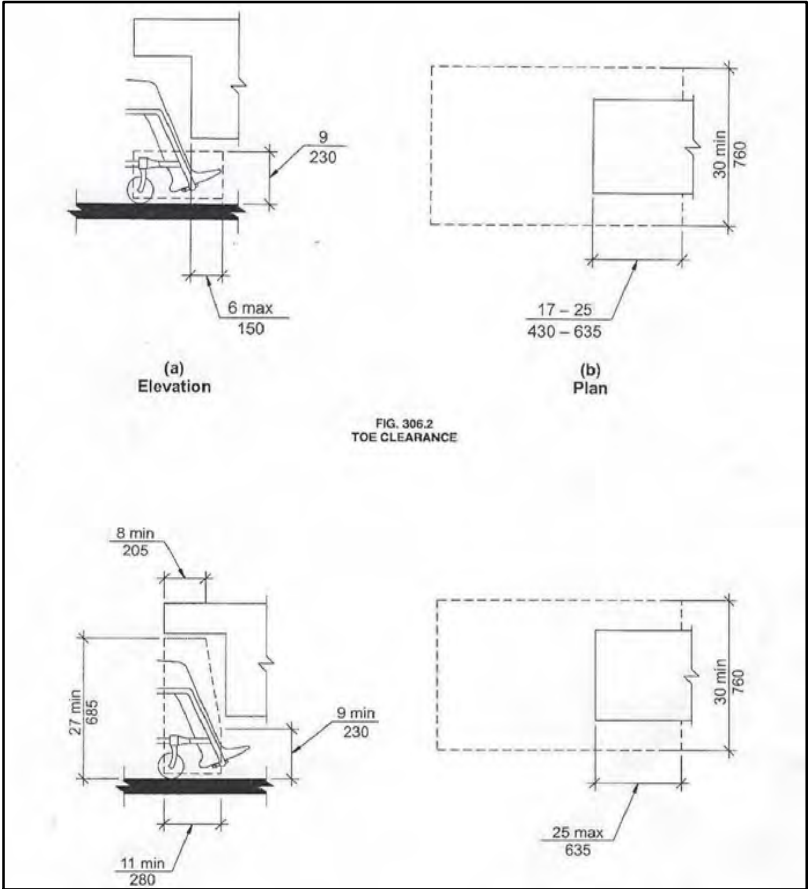
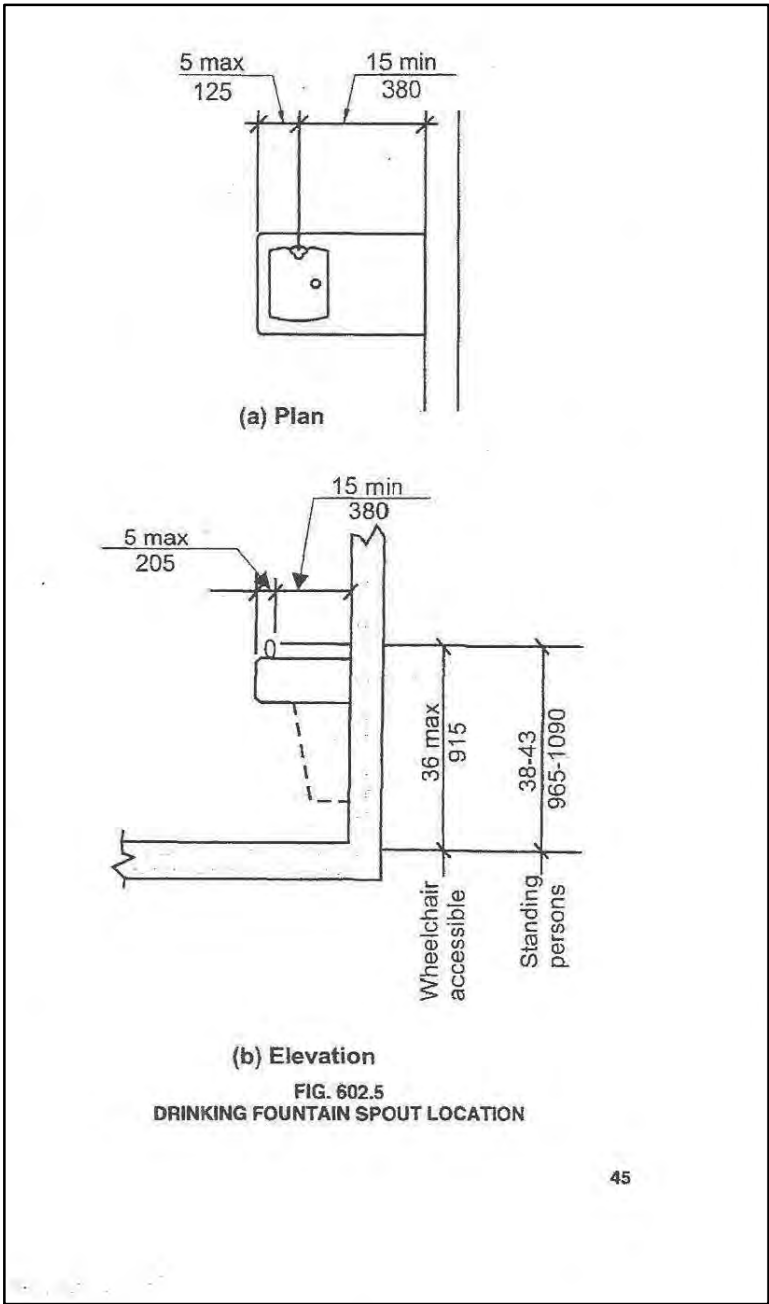


ADA ACCESSIBLE SINK ELEVATION



TYP. TOE CLEARENCE

TOILET AND STALL



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License No. 41056 Expiration Date: 10-17-23

THESE DETAILS ARE BASED ON 2010 ADA REQUIREMENTS

FOR BUILDINGS THAT UTILIZES OTHER ACCESSIBILITY CODES. REFER TO APPLICABLE CODES SPECIFIC REQUIREMENTS

ALL IDEAS, DESIGNS, ARRANGEMENTS, DRAWINGS AND PLANS SET FORTH ON THIS SHEET ARE THE ORIGINAL WORK PRODUCT OF, ARE OWNED BY AND ARE THE PROPERTY OF DESIGNER/DRAFTER OF RECORD" (FINE LINE DRAFTING) AND USE OF THIS SAID WORK PRODUCT IS LIMITED TO A SPECIFIED PROJECT OF THE PURCHASER, AND FOR THE CONSTRUCTION OF ONE BUILDING. ANY USE, REUSE, DISCLOSURE, COPYING, OR ADAPTATION OF SAID PLANS REPRODUCTION, IDEAS, DESIGNS AND/OR ARRANGEMENTS, OTHER THAN BY "DESIGNER/DRAFTER OF RECORD" (FINE LINE DRAFTING) IS STRICTLY PROHIBITED BY LAW WITHOUT THE WRITTEN PERMISSION OF THE SAID "DESIGNER/DRAFTERS." (FINE LINE DRAFTING)

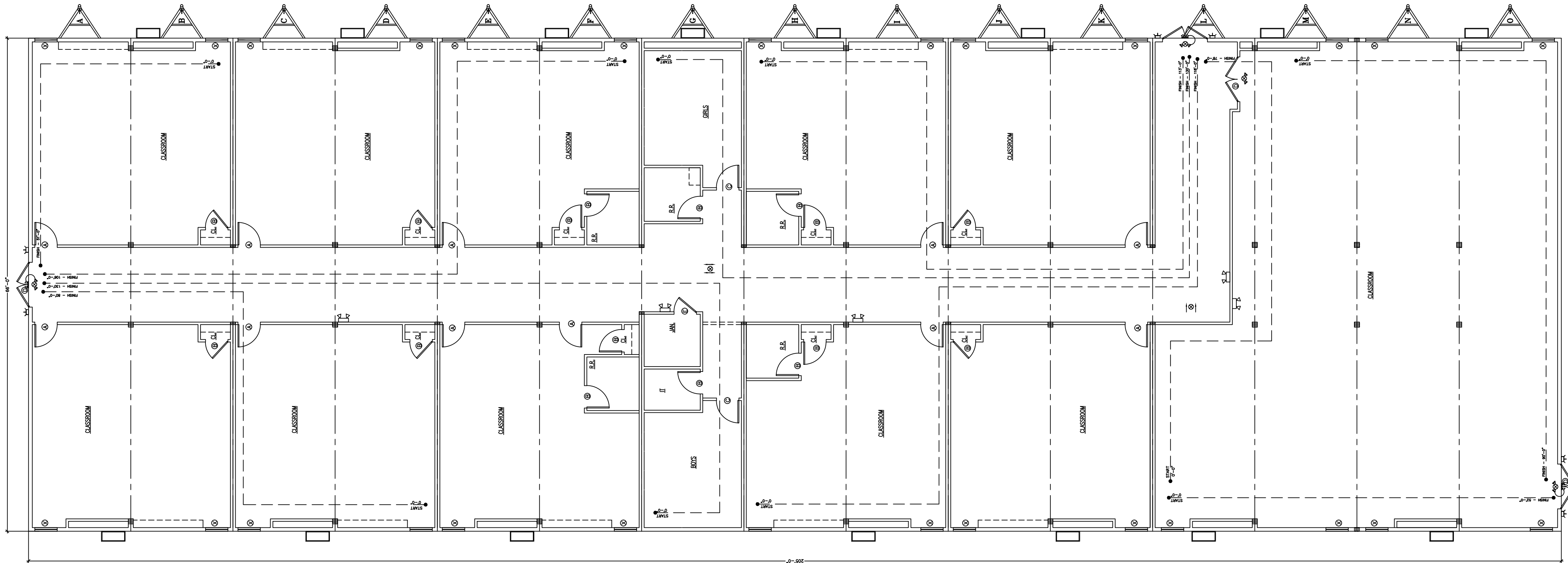


CONSULTING ENGINEER KENNETH EARL DUNMON — P.O. BOX 6853 — AMERICUS, GEORGIA 31719 — 229-942-2020

NEW JERSEY
CONSULTING ARCHITECT
ROBERT E. GREGG R.A. LIC.#15414
18167 US 19 NORTH-SUITE 120
CLEARWATER, FL. 33764 (727) 644-8193



DIAMOND BUILDERS INC.	
P.O. BOX 2200 DOUGLASS, GEORGIA 31534	440 THOMPSON DR. (912) 384-7080
DATE: 1-17-22	REVISIONS:
SCALE: NTS	
CODES: SEE NOTES	
STATES: MD, SC, VA, NC, NJ	MD, PLAN NO:
REFERENCE: 9725	DBI-9724 MD (2021)
DBI9725 A-0	BY: K.E.D.
205'-0" x 66'-0" EDUCATION	SHEET
ACCESSIBILITY DETAILS	AD-1



SYMBOL	DOOR SCHEDULE	TOTAL
A	30"x80" SOLID CORE IMPERIAL OAK W/NEEDFRAME WITH 4"x24" VIEW BLOCK SAFETY GLASS	11
B	30"x80" SOLID CORE IMPERIAL OAK W/NEEDFRAME	16
C	30"x80" SOLID CORE IMPERIAL OAK W/NEEDFRAME PUSH/PULL WITH LATCH	2
D	30"x80" SOLID CORE IMPERIAL OAK W/NEEDFRAME WITH PANIC HARDWARE	4
E	30"x80" SOLID CORE IMPERIAL OAK W/NEEDFRAME WITH CLOSER	1
SYMBOL	WINDOW SCHEDULE	TOTAL
X	36"x80" VERTICAL SLIDE, INSULATED BRONZE/TINTED	27

LIFE SAFETY PARAMETERS

- USE/OCCUPANCY: EDUCATION
- BUILDING AREA: 13530 S.F.
OCCUPANT LOAD 502 BASED ON 26 SF/PERSON IN CLASSROOMS.

NOTE:
EACH EXIT DOOR IS ABLE TO ACCOMMODATE:
(3) 72x80 DOOR: 64" CLEAR WIDTH EACH
64/0.20 = 320
(3) AT 320 = 960 PERSON CAPACITY
NOTE:
MAXIMUM TRAVEL DISTANCE SHALL NOT EXCEED 200 FEET

DOOR HARDWARE:
LEVER PRIVACY: RESTROOMS
KEYS LEVER LOCKSET (EXTERIOR DOORS)
LEVER PUSHES: CLASSROOMS

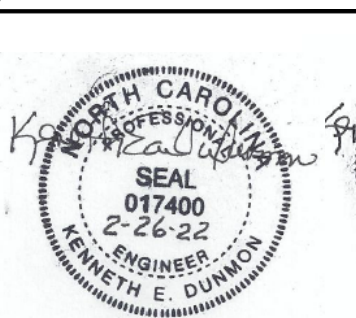
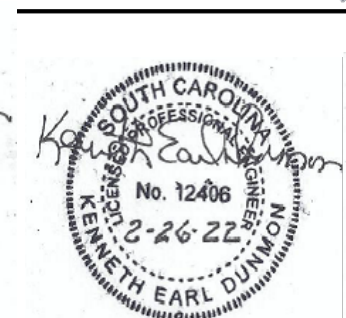
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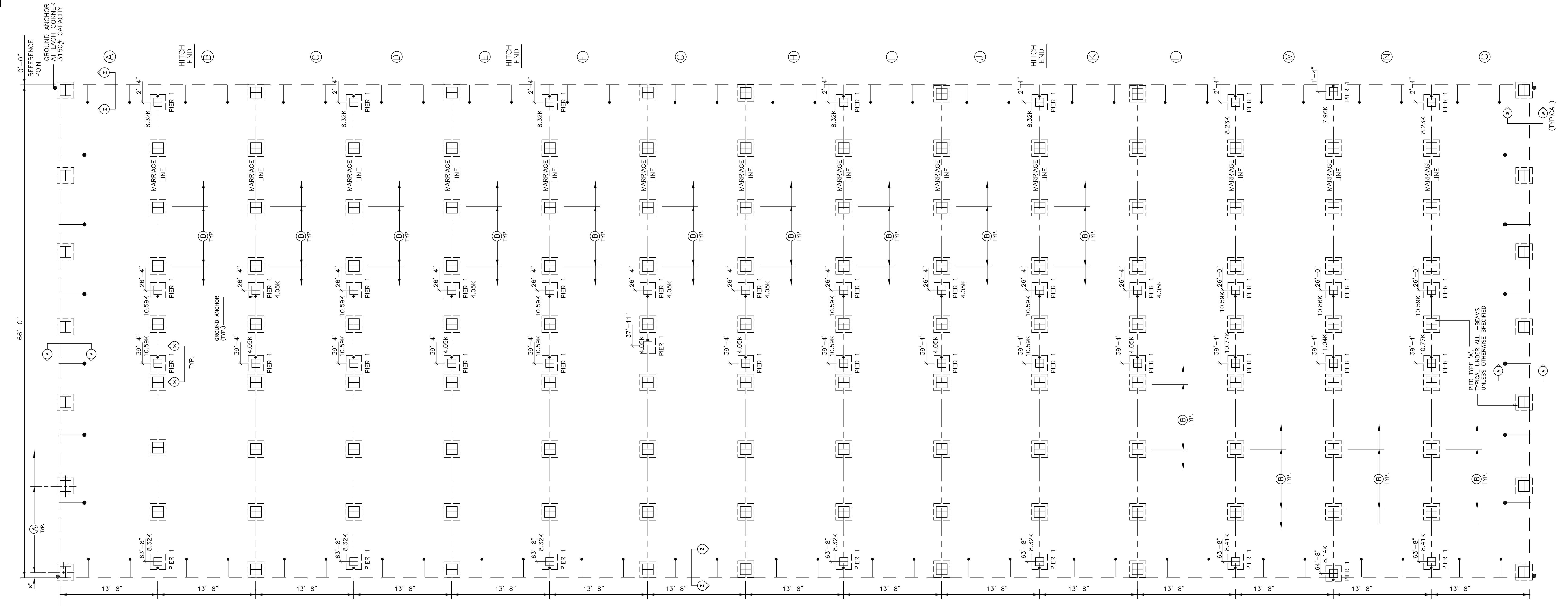


NEW JERSEY

CONSULTING ARCHITECT
ROBERT E. GREGG P.A. LIC.#15414
18167 US 19 NORTH-SUITE 120
CLEARWATER, FL 33764 (727) 644-8193



DIAMOND BUILDERS INC.	
P.O. BOX 2200 440 THOMPSON DR. DOUGLASS, GEORGIA 31534 (912) 384-7080	
DATE: 1-17-22	REVISIONS:
SCALE : NO SCALE	
CODES: SEE NOTES	
STATES: MD, SC, VA, NC, N.J.	MD. PLAN NO:
REFERENCE: 9725	DBI-9724 MD (2021)
DBI9725 A-0	
205'-0" x 66'-0" EDUCATION	
LIFE SAFETY	DESTINATION: HARFORD CO, MD.
	LS-1



NOTE:
THIS FOUNDATION PLAN IS FOR REFERENCE ONLY
AND IS NOT PART OF THE STATE OF MARYLAND
APPROVAL

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

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.

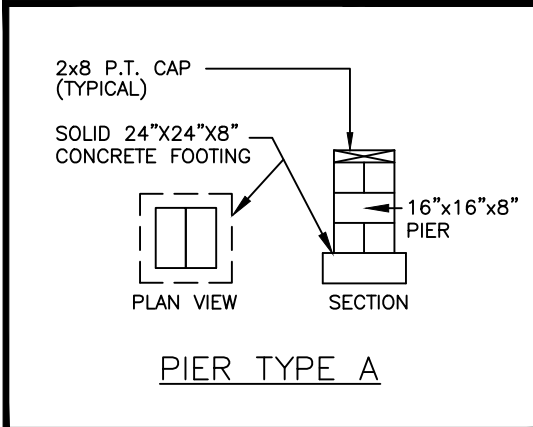
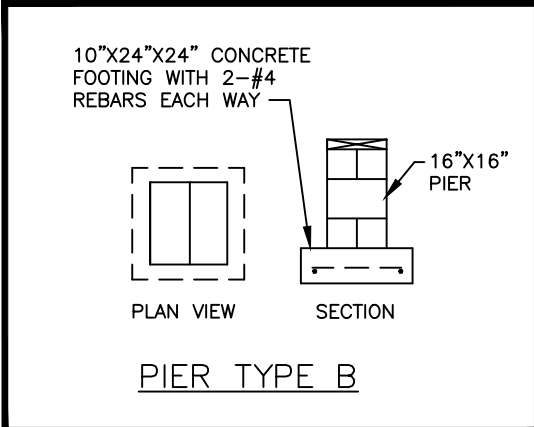
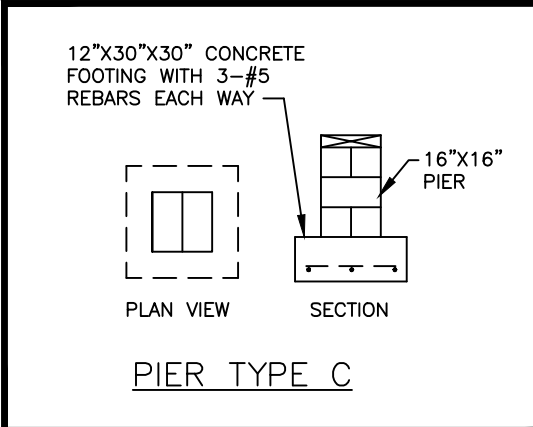
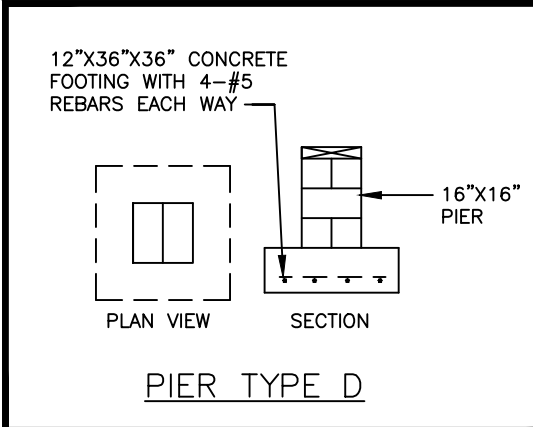
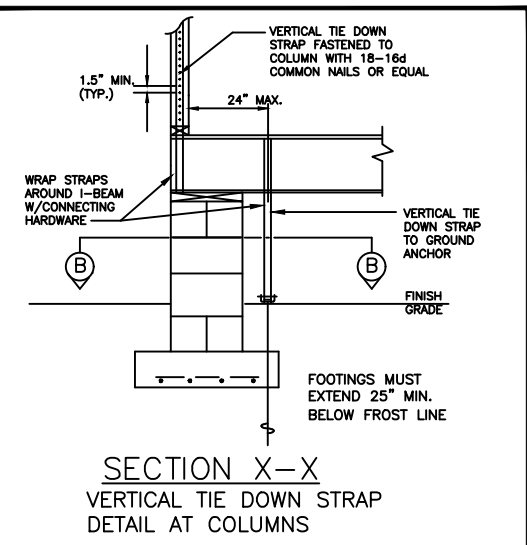
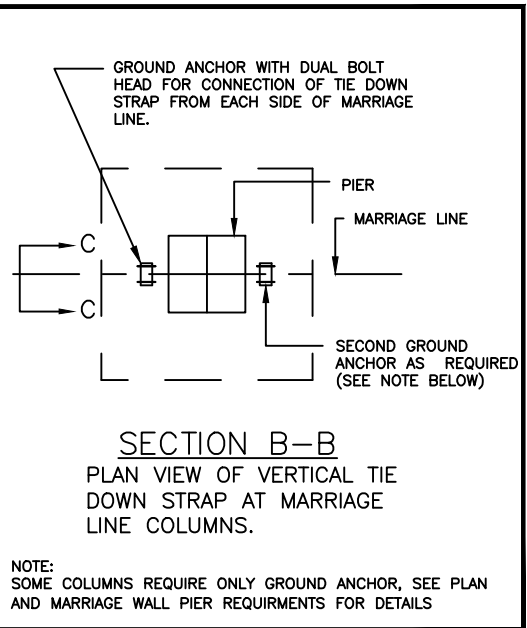
Professional Certification, I hereby certify that these
documents were prepared or approved by me, and that
I am a duly licensed professional engineer under the laws
of the State of Maryland.
License No. 41056, Expiration Date: 02-17-23

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	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" .035" TYPE-1, FINISH B, GRADE 1 ZINC COATED STEEL STRAPPING CERTIFIED BY A REGISTERED ENGINEER OR ARCHITECT AS CONFORMING WITH ASTM D3083-91. 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 AGENT 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 5 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 REVISION. ALTERNATE FOUNDATION DESIGN. FOOTINGS SHALL BE PLACED ON NON-EXPANSIVE SOLS 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.



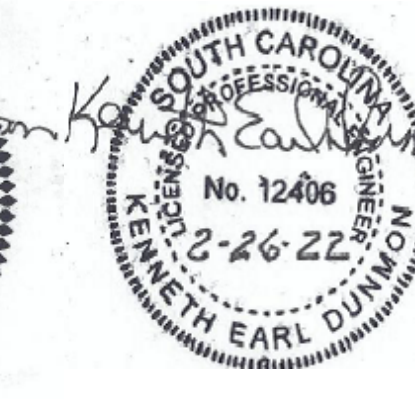
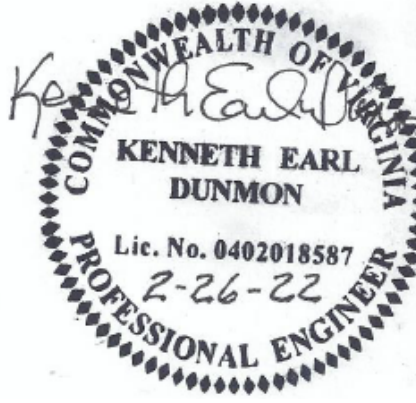
NOTE:
THE NUMBER OF PIERS SHOWN ON THIS FOUNDATION PLAN IS NO INDICATION OF THE AMOUNT OF PIERS REQUIRED AND NEEDED FOR THIS BUILDING. SEE MAXIMUM PIER SPACING CHART BELOW FOR THE CORRECT NUMBER OF PIERS REQUIRED FOR EACH SOIL BEARING CAPACITY.

FOUNDATION DIMENSIONS				
MAXIMUM PIER SPACING				MINIMUM SOIL BEARING CAPACITY
(A) SIDEWALLS	KIPP	(B) MATELINE	KIPP	
9'-0"	6.57	5'-0"	6.79	2000 PSF
9'-0"	6.57	8'-0"	10.87	3000 PSF

NEW JERSEY

CONSULTING ARCHITECT
ROBERT E. GREGG P.A., LIC.#15414
18167 US 19 NORTH-SUITE 120
CLEARWATER, FL 33764 (727) 644-8193

EMC APPROVED
02 27 2022



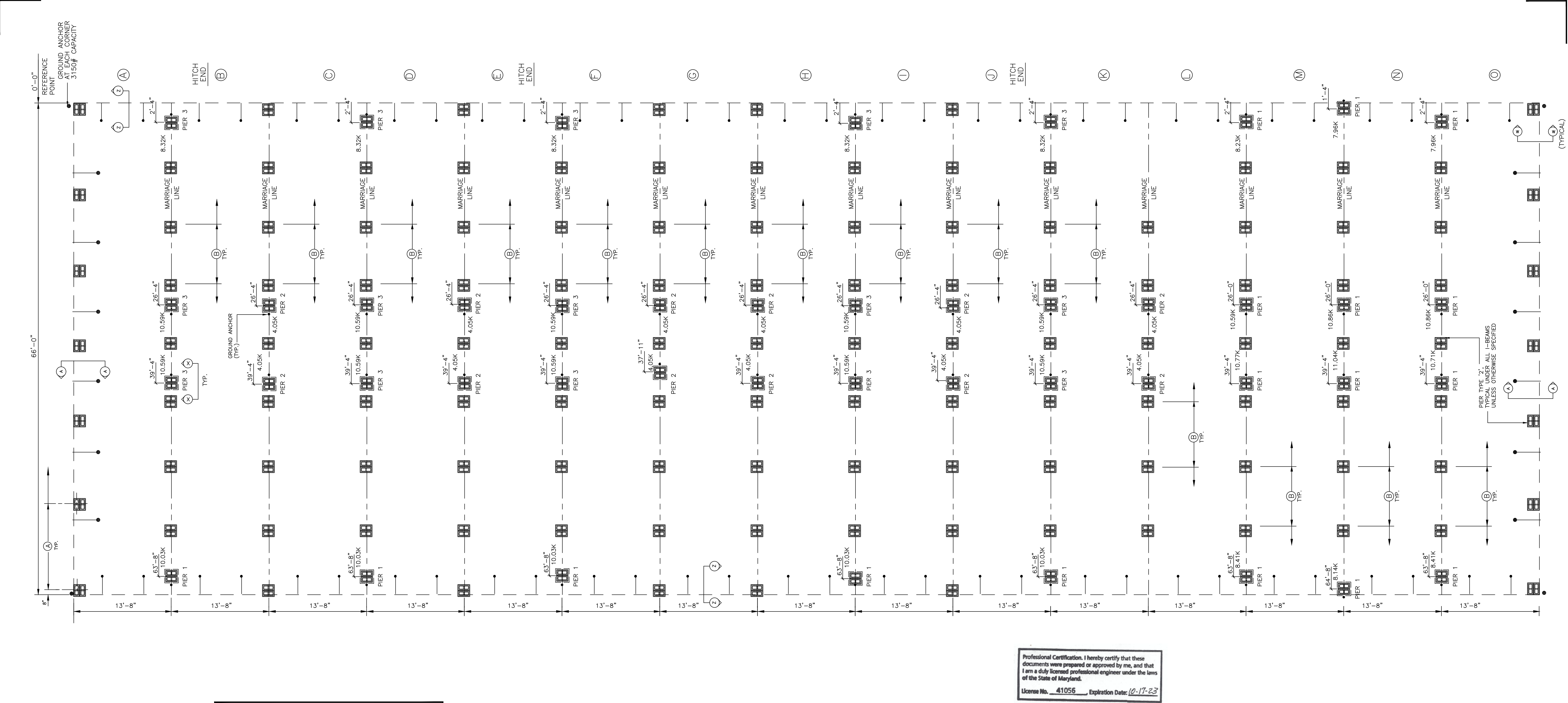
CONSULTING ENGINEER KENNETH EARL DUNMON -- P.O. BOX 6853 -- AMERICUS, GEORGIA 31719 -- 229-942-2020

DIAMOND BUILDERS INC.

P.O. BOX 2200
DOUGLASS, GEORGIA 31534

440 THOMPSON DR.
(912) 384-7080

DATE: 1-17-22	REVISIONS:	BY: K.E.D. SHEET 1 OF 1
SCALE: NO SCALE		
CODES: SEE NOTES		
STATES: MD, SC, VA, NC, NJ, MD, PLAN NO: DBI-9725 A-0		
REFERENCE: 9725	MD. PLAN NO: DBI-9724 MD (2021)	
FOUNDATION		DESTINATION: HARTFORD CO. MD.



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.

● 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 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.

NOTE:
ALL REQUIRED BUILDING AND/OR CONSTRUCTION PERMITS MUST BE APPLIED FOR AND OBTAINED FROM THE LOCAL AUTHORITIES HAVING JURISDICTION PRIOR TO ANY WORK BEING DONE ON THE ABOVE SHOWN FOUNDATION DESIGN. THE ABOVE FOUNDATION DESIGN IS DESIGNED FOR A TEMPORARY BUILDING. APPROVAL OF THIS PLAN SHALL BE SUBJECT TO LOCAL JURISDICTION APPROVAL. IF THE ABOVE FOUNDATION DESIGN DOES NOT MEET THE QUALIFICATIONS OF A "TEMPORARY BUILDING" THAN AN ALTERNATE FOUNDATION DESIGN SHALL BE REQUIRED IN ACCORDANCE WITH THE IBC.

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: 12-17-23

FOUNDATION NOTES:

NOTE: ALL REQUIRED BUILDING AND/OR CONSTRUCTION PERMITS MUST BE APPLIED FOR AND OBTAINED FROM THE LOCAL AUTHORITIES HAVING JURISDICTION PRIOR TO ANY WORKED BEING DONE ON THE ABOVE SHOWN FOUNDATION DESIGN.

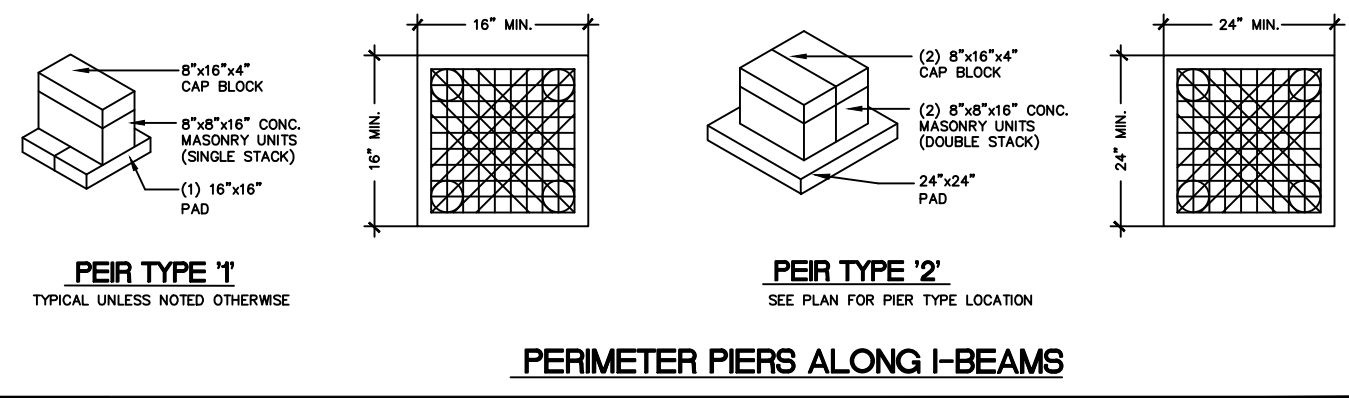
THE ABOVE FOUNDATION DESIGN IS DESIGNED FOR A TEMPORARY BUILDING. APPROVAL OF THIS PLAN SHALL BE SUBJECT TO LOCAL JURISDICTION APPROVAL.

IF THE ABOVE BUILDING DOES NOT MEET THE QUALIFICATIONS OF A "TEMPORARY BUILDING" THEN AN ALTERNATE FOUNDATION DESIGN MAY BE REQUIRED IN ACCORDANCE WITH THE IBC.

- 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" .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.
- EACH CONCRETE ANCHOR SHALL HAVE A WORKING CAPACITY NO LESS THAN THE SUM OF THE REQUIRED WORKING CAPACITIES OF ALL TIE DOWN STRAPS CONNECTED TO THE CONCRETE ANCHOR, AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. DESIGN OF CONCRETE ANCHOR, INCLUDING SHAFT LENGTH, NUMBER AND DIAMETER OF HELICES, ETC., TO BE AS SPECIFIED BY THE CONCRETE ANCHOR MANUFACTURER FOR THE ACTUAL SOIL TYPE ENCOUNTERED. IF THE HOLDING OR PULLOUT CAPACITIES OF CONCRETE ANCHORS ARE BELOW THE ASSUMED DESIGN VALUES, 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.
- 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.
- SEE SHEET 1 OF 6 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 STATED, THE ARCHITECT/ENGINEER MUST BE CONSULTED FOR REQUIRED ALTERNATE FOUNDATION DESIGN. FOOTINGS SHALL BE PLACED ON NON-EXPANSIVE SOILS ONLY.
- THE FOUNDATION DIMENSIONS SHOWN ON THE ABOVE LAYOUT ARE NOMINAL DIMENSIONS OF THE FACTORY BUILT MODULARS AND DO NOT ACCOUNT FOR GAPS BETWEEN MODULARS THAT MAY OCCUR DURING INSTALLATION. THE FOUNDATION DESIGNER, FOUNDATION CONTRACTOR AND MODULAR BUILDING INSTALLER MUST CONSULT TO DETERMINE IF ADJUSTMENTS TO PIER LOCATIONS ARE NEEDED TO ACCOUNT FOR TOLERANCES NEEDED DURING INSTALLATION OF THE BUILDING MODULES.

PIER TYPE SCHEDULE			
PIER TYPE	ABS PAD SIZE	MAX. PAD CAPACITY (LBS)	
PIER TYPE 1	16 x 16 ABS PAD	3,333 SOIL STACK	3,333 SOIL STACK
PIER TYPE 2	24 x 24 ABS PAD	8,000 SOIL STACK	8,000 SOIL STACK
PIER TYPE 3	34 x 22 ABS MULTI-PAD	10,000 SOIL STACK	
PIER TYPE 4	38 x 28.5 ABS MULTI-PAD	12,000 SOIL STACK	
PIER TYPE 5	24 x 24 PP40**	8,000 SOIL STACK	12,000 SOIL STACK

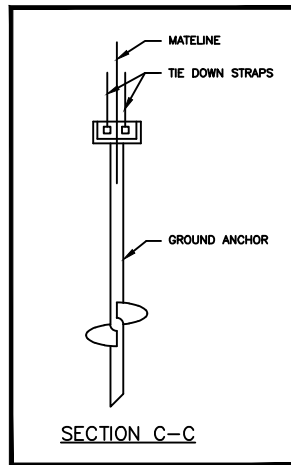
** POLYPROPYLENE & FIBERGLASS PAD BY POLYVAL USA, INC



FOUNDATION DIMENSIONS			
MAXIMUM PIER SPACING		MINIMUM SOIL BEARING CAPACITY	
Ⓐ SIDEWALLS	KUFP LOAD	Ⓑ MATLINE	KUFP LOAD
8'-0"	5.84	5'-9"	7.81
8'-0"	5.84	5'-9"	7.81

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 CHARTS ABOVE FOR THE CORRECT NUMBER OF PIERS REQUIRED FOR EACH SOIL BEARING CAPACITY. ALSO THE NUMBER STRAPS (SPACING) WILL BE DETERMINED IN SECTION A-A. THE NUMBER OF ALL COMPONENTS OF THIS FOUNDATION PLAN CAN BE FOUND IN THE CHARTS AND DETAILS ABOVE.

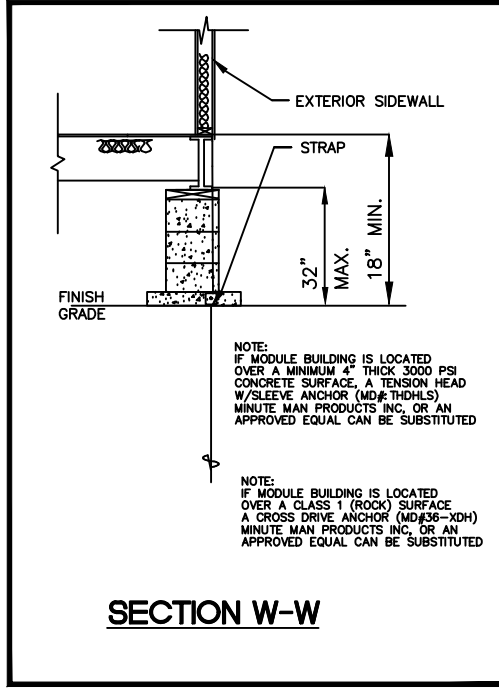
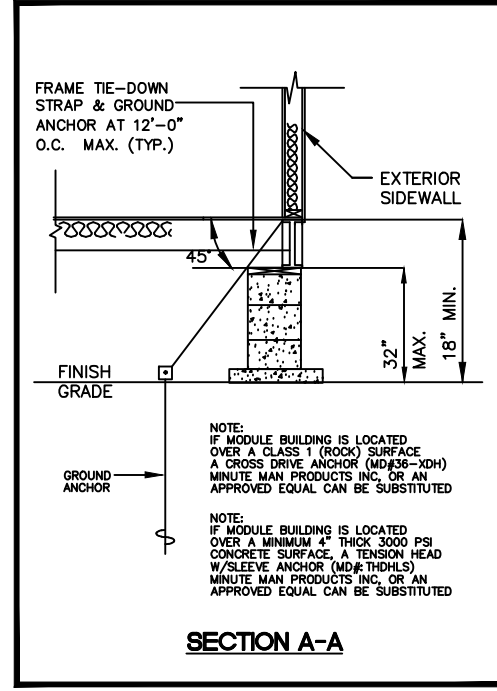
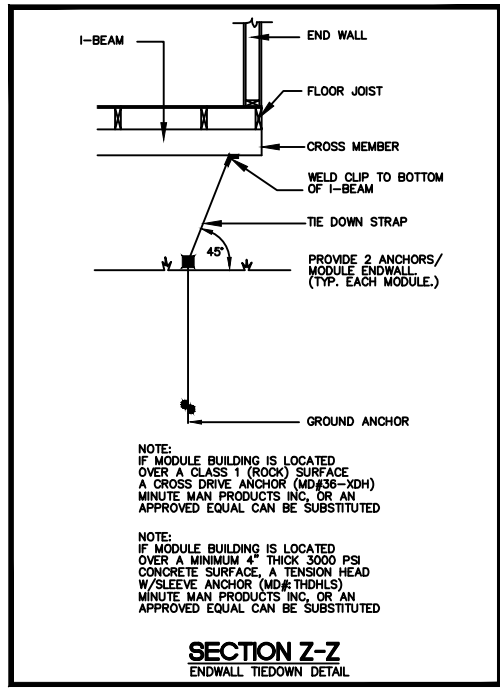
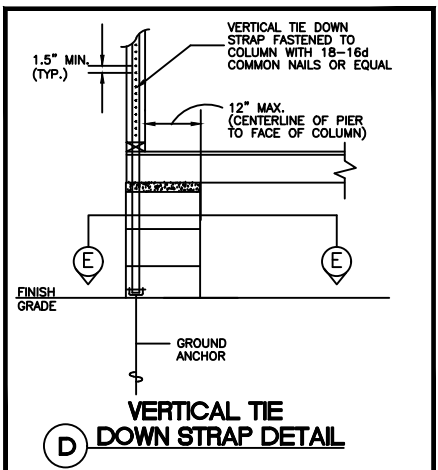
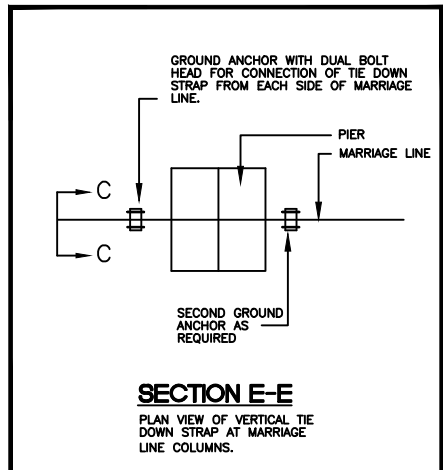
FOUNDATION ENCLOSURE (WHEN PROVIDED) MUST HAVE 1 SQUARE FOOT NET VENT AREA PER 1/150TH OF THE FLOOR AREA, AND AN 18" X 24" MINIMUM CRAWL SPACE ACCESS, SITE INSTALLED BY OTHERS SUBJECT TO LOCAL JURISDICTION.



NEW JERSEY

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ROBERT E. GREGG P.A. LIC.#15414
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EMC APPROVED
02 27 2022



CONSULTING ARCHITECT
KENNETH EARL DUNMON
Lic. No. 0402018587
2-26-22

CONSULTING ARCHITECT
KENNETH EARL DUNMON
No. 12406
2-26-22

CONSULTING ARCHITECT
KENNETH EARL DUNMON
017400
2-26-22

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(912) 384-7080

DATE: 1-17-22
SCALE: NO SCALE
CODES: SEE NOTES
STATES: MD, SC, VA, NC, NJ
REFERENCE: 9725
MD. PLAN NO: DBI-9724 MD (2021)
B7: K.E.D.
SHEET 1 OF 1

DBI9725 A-0
205'-0" x 66'-0" EDUCATION
ALT. FOUNDATION
DESTINATION: HANFORD CO. MD.