GENERAL FOUNDATION NOTES:

CONCRETE:
CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI. @ 28 DAYS UNLESS NOTED OTHERWISE. CONCRETE EXPOSED TO WEATHERING SHALL BE 4000 PSI AIR ENTRAINED 5-7%.

FOOTINGS:
ARCHITECT SHALL INSPECT FOOTING BOTTOM ONCE EXCAVATED, NO COVERING OF FOOTING BOTTOM UNTIL INSPECTION HAS OCCURRED. ASSUME SOIL BEARING CAPACITY OF 1500 PSF. TO BE VERIFIED IN FIELD BY A REGISTERED GEOTECHNICAL ENGINEER. IN THE EVENT SOFT OR WET AREAS ARE ENCOUNTERED, NOTIFY THE ARCHITECT.

FOOTINGS TO BEAR ON UNDISTURBED SOIL OR ENGINEERED FILL OF ADEQUATE STRENGTH. ALL NON-FROST PROTECTED FOOTINGS TO BE SET 24" MINIMUM BELOW GRADE. CONTRACTOR SHALL REQUEST INSPECTION OF SUBGRADE PRIOR TO INSTALLATION OF FOOTING. PRESUMPTIVE SOIL BEARING IS 1,500 PSF. NOTIFY ARCHITECT IF DIFFERENT SOIL CONDITION IS ENCOUNTERED, OR IF SOIL IS WEAK, UNSTABLE OR OTHERWISE UNSUITABLE. SEE FOUNDATION PLAN AND DETAILS FOR MINIMUM FOOTING SIZES, DEPTHS, AND ADDITIONAL INFORMATION.

CMU PIERS:
AS NOTED ON SHEET S-1.

CONCRETE FLOOR SLABS:
ALL CONCRETE FLOOR SLABS (Fc = 3,000 PSI.) TO BE 5" NOMINAL THICKNESS UNLESS OTHERWISE NOTED. CONCRETE SLAB REINFORCING TO CONSIST OF 6x6 W1.4x W1.4 W.W.F. UNLESS OTHERWISE NOTED ON 8 MIL POLY VAPOR BARRIER ON 4" BANK RUN GRAVEL FILL TO 95% COMPACTION. WELDED WIRE FABRIC SHALL CONFORM TO ASTM-185. PROVIDE EXPANSION AND CONTROL JOINTS AS REQUIRED. SLOPE SLAB TO VEHICLE DOORS IN GARAGE. SEE FOUNDATION PLAN AND DETAILS FOR ADDITIONAL INFORMATION.

FOUNDATION REINFORCEMENT AND ANCHORAGE:
ALL PRESSURE TREATED SILL PLATES TO BE ANCHORED TO FOUNDATION WITH 1/2" DIA. x 15" MIN. ANCHOR BOLT SPACED 1'-0" MAXIMUM FROM ALL CORNERS AND 32" MAX. THEREAFTER WITH 7" MINIMUM EMBEDMENT INTO CONCRETE OR MASONRY.

FOOTING REINFORCED AS SHOWN. LAP REINFORCING STEEL 36 DIAMETERS.

SEE FOUNDATION PLAN AND DETAILS FOR CONTINUOUS AND ISOLATED FOOTING REINFORCEMENT AND ADDITIONAL INFORMATION.

GENERAL FRAMING NOTES:

THE GC SHALL PERFORM ALL NEW WORK TO COMPLY WITH THE FOLLOWING MAXIMUM DEVIATION STANDARDS FOR PLUMB LEVEL:
(A) CEILINGS AND SOFFITS: 1/8" PER 20'-0" AS MEASURED IN ANY DIRECTION BY A METAL STRAIGHT EDGE OF NOT LESS THAN 10'-0" IN LENGTH.
(B) OTHER BUILDING SURFACES NOT OTHERWISE DESIGNATED BUT SPECIFICALLY INCLUDING WALLS AND FLOORS: 1/8" PER 10'-0" AS MEASURED IN ANY DIRECTION BY A METAL STRAIGHT EDGE OF NOT LESS THAN 10'-0" IN LENGTH.

PROVIDE DOUBLE WOOD PLATES AT THE TOP OF 2 x 6 STUD WALL @ 16" OC. WHERE STUD WALL IS SUPPORTING JOISTS @ 16" OC.. PROVIDE DOUBLE PLATE AT TOP OF 2 x 6 WALL SUPPORTING ROOF RAFTERS. PLEASE NOTE INTERIOR WALLS SHALL BE 2 x 4's @ 16" OC.

LUMBER:
UNLESS OTHERWISE NOTED, WOOD CONSTRUCTION SHALL MEET CONSTRUCTION STANDARDS AND MATERIAL SPECIFICATIONS AS SET FORTH BY THE AMERICAN PLYWOOD ASSOCIATION FOR RESIDENTIAL AND COMMERCIAL CONSTRUCTION.

ALL LUMBER INCORPORATED INTO THE STRUCTURE SHALL BE AIR OR KILN-DRIED AND SHALL CONTAIN NO MORE THAN 19% MOISTURE. STRUCTURAL LUMBER: SPUCE PINE FIR #2 OR BETTER FY-1200 PSI MIN E-1,500,000

ALL WOOD IN DIRECT CONTACT WITH CONCRETE OR EARTH SHALL BE PRESSURE TREATED. ALL LUMBER USED FOR DECKING OR DECK FRAMING SHALL BE PRESSURE TREATED UNLESS NOTED OTHERWISE.

ALL WOOD STUDS & JOISTS SHALL BE NO.1 OR NO.2 SPRUCE PINE FIR WITH THE FOLLOWING MINIMUM PROPERTIES: Fb= 875 PSI., Fc= 1150 PSI., Fv= 135 PSI..

LEDGERS, BEAMS, & HEADERS:
LEDGERS SHALL BE PRESSURE TREATED WOOD TO MATCH JOIST DEPTH W/ GALVANIZED METAL JOIST HANGERS. LEDGERS SHALL BE BOLTED TO MASONRY WITH 1/2" DIAMETER ANCHOR BOLTS STAGGERED 32" OC T&B. LEDGERS SHALL BE BOLTED TO SOLID WOOD FRAMING WITH 1/2" DIAMETER LAG SCREWS WITH SAME SPACING. BOLT INSTALLATION SHALL INCLUDE OVERSIZE WASHERS.

ALL BEAMS NOTED "W PLYWOOD" SHOULD HAVE ONE CONTINUOUS LAYER OF ½" PLYWOOD SANDWICHED BETWEEN EACH TWO 2x'S, GLUED AND NAILED.

HEADERS TO HAVE DOUBLE STUD BEARING (TYP.) ALL BEARINGS TO CONTINUE TO FOOTING AND / OR FOUNDATION AT FULL WIDTH OF BEAM. SEE HEADER SCHEDULE FOR HEADER SIZES.

DOUBLE FRAME ALL OPENINGS.

STUD WALLS:
SEE DRAWINGS.

FLOOR SYSTEM:

2 x 6's SHALL BE DESIGNED FOR :
LIVE LOAD OF 40 PSF.
DEAD LOAD OF 20 PSF.

ALL JOIST HAVING A DEPTH TO THICKNESS RATIO EXCEEDING 6:1 BASED ON NOM. DIMENSIONS SHALL BE BRIDGED WITH SOLID BLOCKING OR DIAGONAL (METAL OR WOOD) BRACING. PLACE (1) ROW OF CROSS-BRIDGING ON ALL SPANS OVER 8'-0" AND (2) ROWS OF BRIDGING ON ALL SPANS OVER 16'-0".

DOUBLE UP JOISTS AT NON-BEARING WALLS ABOVE.

GC. SHALL VERIFY ALL ENGINEERED STRUCTURAL MEMBERS W/ MANUFACTURER TO ENSURE PROPER SIZE, SPACING, LOADING, BEARING WIDTH, AND SUITABILITY OF USE.

SEE DRAWINGS FOR ADDITIONAL INFORMATION

ROOF SYSTEM:
ALL ROOF TRUSSES SHALL BE PRE-ENGINEERED AND CERTIFIED BY A STRUCTURAL ENGINEER IN THE STATE OF MARYLAND.

ALL ROOF TRUSSES SHALL BE SECURED TO THE BUILDING FRAMING WITH 18 GAUGE HURRICANE ANCHORS w/ 10d COMMON NAILS.

SEE DRAWINGS FOR ADDITIONAL INFORMATION.

INSULATION:
UNHEATED CONC. SLABS: R-10 AT 24" BELOW
WALLS: 6" (R-20) BATT INSULATION
ATTIC: 11" (R-38) INSULATION.

STEEL:
(IF USED) ALL STRUCTURAL STEEL (EXCEPT STRUCTURAL AT PIPE COLUMNS) SHALL HAVE A ASTM-36 DESIGNATION AND ARE TO BE FABRICATED AND ERECTED IN ACCORDANCE WITH AISC SPECIFICATIONS. STRUCTURAL PIPE IS TO BE ASTM A-501 OR EQUAL. ALL CONNECTION OF STEEL ARE TO BE WELDED UNLESS OTHERWISE SHOWN, ALL STRUCTURAL STEEL IS TO HAVE ONE SHOP COAT OF RUST INHIBITIVE PAINT. PROVIDE 3/8" THICK STIFFENER AT THE CENTER OF BEARING AT ALL TIMES.

ENERGY CONSERVATION:
GLASS: ALL EXTERIOR GLASS SHALL BE INSULATED WITH A MAXIMUM U VALUE OF 0.58. MAXIMUM AIR FILTRATION SHALL BE 0.5 CFM/LIN. FT. OF CRACK AS CERTIFIED BY MANUFACTURER.
DOORS: EXTERIOR DOORS SHALL HAVE A MAXIMUM U VALUE OF 0.48 WITH A MAXIMUM INFILTRATION RATE OF 1 FCM/LIN FT OF CRACK.
CAULKING: CAULK ALL EXTERIOR WALL AND ROOF OPENINGS SUCH AS DOORS, WINDOWS, UTILITY ENTRANCES, WALL PANELS AND OTHER OPENINGS.

MISC.:
1/2" WATER RESISTANT GWB. IN BATHS AND ADJACENT TO FIXTURES. PROVIDE ½" CEMENT BACKER BOARD FOR ALL WALL 5, FLOOR & CEILING RECEIVING CERAMIC TILE.

ALL MATERIALS, SUPPLIES, AND EQUIPMENT SHALL BE INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS AND ALL CODES HAVING JURISDICTION.

REFERENCE WINDOW AND DOOR SCHEDULE FOR WINDOW AND DOOR SIZES, TYPE, AND ROUGH OPENINGS.

BEAM SCHEDULE NOTES:

1. FOR EXACT SIZE & LOCATION OF WALL OPENINGS, SEE ARCHITECTURAL DRAWINGS.
2. STRUCTURAL WOOD BEAMS SHALL BE No. 1/ No. 2 SPRUCE-PINE-FIR WITH THE FOLLOWING MINIMUM PROPERTIES.
   Fb = 875 psi.
   Fv = 135 psi.
   Fc = 1150 psi.
   Fc⊥ = 425 psi.
   E = 1,400,000 psi.
3. SECURE MULTIPLE WOOD MEMBERS TOGETHER WITH (2) ROWS OF 16d COMMON NAILS AT 12" OC. USE GALVENIZED NAILS FOR ALL EXTERIOR BEAMS.
4. FOR LINTELS IN STUD WALLS, PROVIDE CONTINUOUS FULL LENGTH PLYWOOD PLATES MATCHING THE BEAM DEPTH TO ACHIEVE THE DESIRED WALL THICKNESS. PLATES NOT REQUIRED FOR BEAMS OUTSIDE OF STUD WALLS.
5. MICROLAM LVL BEAMS SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES:
   Fb = 2600 psi.
   Fv = 285 psi.
   Fc = 2510 psi.
   Fc⊥ = 750 psi.
   E = 1,900,000 psi.
6. SECURE MULTIPLE END STUDS TOGETHER WITH 16d COMMON NAILS AT 8" OC. STAGGERED EACH PLY.
7. SOLID No. 1 / No. 2 S-P-F POSTS MAY BE SUBSTITUTED FOR SCHEDULED END BEARING STUD WALLS. POSTS SHALL HAVE EQUAL TO OR GREATER THAN THOSE OF THE SCHEDULED MULTIPLE END STUD ASSEMBLIES. ALL WOOD AND LVL MEMBERS IN STUD WALLS SHALL HAVE SCHEDULED FULL HEIGHT STUDS REGARDLESS.
8. PROVIDE FULL HEIGHT STUDS PER BEAM SCHEDULE FOR WOOD / LVL BEAMS AT POSTS IN STUD WALLS. ATTACH FIRST STUD TO POST WITH 16d COMMON NAILS AT 8" OC. STAGGERED. PROVIDE HUC 14 GAGE HANGER SIZED FOR BEAM AND ALL REQUIRED 16d COMMON NAILS.
9. ALL BEARING STUDS AND POSTS SHALL BE CONTINUOUS DOWN TO THE FOUNDATION OR TO TRANSFER MEMBERS AT LOWER FRAMING LEVELS. PROVIDE EQUIVALENT SQUASH BLOCKS WITHIN DEPTH OF FLOOR AS REQUIRED.
10. SEE TYPICAL CONNECTION NOTES ON THIS DRAWING FOR END BEARING CONDITIONS OTHER THAN BUILT-UP JAMBS.

TYPICAL CONNECTIONS:

SIMSON STRONG-TIE CONNECTORS PRODUCTS

1. FOR BEAMS BEARING ON JAMB STUDS, SEE REQUIREMENTS ON BEAM SCHEDULE AND IN BEAM NOTES.
2. ROOF JOIST / TRUSS CONNECTIONS TO TOP OF PLATES OR HEADERS ARE TO BE (2) H1 WITH 8d COMMON NAILS IN ALL HOLES.
3. JOISTS AND RAFTER CONNECTIONS TO LEDGERS AND BEAMS OR TRUSS TO GIRDER TRUSS CONNECTIONS ARE TO BE 16 GAUGE JOIST HANGERS WITH 10d COMMON NAILS IN ALL HOLES. SIZE ACCORDING TO JOIST GEOMETRY. AT STEEL BEAMS SUPPORTING JOIST, PROVIDE SOLID BLOCKING IN BEAM CAVITIES ATTACHED WITH ½" BOLTS AT 24" OC. STAGGERED AND PROVIDE ALL REQUIRED HOLES IN BEAM WEB.
4. WOOD / LVL CONNECTIONS TO TOP OF POSTS ARE TO BE CC SERIES COLUMN CAPS WITH GEOMETRY AND SIZING ACCORDING TO BEAM WIDTH(S) AND BEARING CONDITIONS. PROVIDE ⅝" DIAMETER BOLTS AND WOOD SHIM PLATES AS REQUIRED.
5. PROVIDE JACK STUDS PER BEAM SCHEDULE FOR WOOD / LVL BEAMS AT CONTINUOUS POSTS. ATTACH FIRST JACK STUD TO POST WITH 16d COMMON NAILS AT 8" OC. STAGGERED. PROVIDE HUC 14 GAUGE HANGERS SIZED FOR BEAM AND REQUIRED 16d COMMON NAILS.
10. POST TO FOUNDATION CONNECTIONS ARE TO BE LCB 66 COLUMN BASE WITH (2)½" DIAMETER BOLTS.
11. LEDGER TO STUD WALL CONNECTIONS TO BE ½" DIAMETER LAG BOLT AT 24" OC. STAGGERED . LEDGER TO FOUNDATION CONNECTIONS TO BE ½" DIAMETER EXPANSION BOLTS AT 24" OC. STAGGERED.
12. FOR POSTS BEARING ON WOOD / PSL. BEAMS, PROVIDE CC SERIES COLUMN CAPS (INVERTED) WITH GEOMETRY AND SIZING ACCORDING TO POST AND BEAM WIDTHS. PROVIDE ⅝" DIAMETER BOLTS AND WOOD SHIM PLATES AS REQUIRED.
13. PIPE COLUMNS AT FOUNDATION WALLS TO HAVE 10" x 7" x½" BASE PLATES WITH (4) ½" ANCHOR BOLTS. PIPE COLUMNS AT MASONRY PIERS ARE TO HAVE 10" x 10" x ½" BASE PLATES WITH (4) ½" ANCHOR BOLTS. WELD ALL BASE PLATES TO PIPE COLUMNS WITH ⅜" FILLET WELDS.
14. EXTERIOR SHEATHING TO BE ATTACHED TO 2" x 6" STUD WALLS WITH 10d NAILS AT 4" OC. AT PANEL EDGES AND AT 6" OC. AT ALL INTERMEDIATE SUPPORTS.

FIRE NOTES

FIREBLOCKING (718.2)
IN COMBUSTIBLE CONSTRUCTION, FIREBLOCKING SHALL BE INSTALLED TO CUT OFF CONCEALED DRAFT OPENINGS (BOTH VERTICAL AND HORIZONTAL) AND SHALL FORM AN EFFECTIVE BARRIER BETWEEN FLOORS, BETWEEN A TOP STORY AND A ROOF OR ATTIC SPACE. FIREBLOCKING SHALL BE INSTALLED IN THE LOCATIONS SPECIFIED IN SECTIONS 718.2.2 THROUGH 718.2.7.

FIREBLOCKING MATERIALS (718.2.1)
FIREBLOCKING SHALL CONSIST OF THE FOLLOWING MATERIALS:
1. TWO-INCH NOMINAL LUMBER.
2. TWO THICKNESSES OF 1-INCH NOMINAL LUMBER WITH BROKEN LAP JOINTS.
3. ONE THICKNESS OF 0.719 INCH WOOD STRUCTURAL PANEL WITH JOINTS BACKED BY 0.719-INCH WOOD STRUCTURAL PANELS.
4. ONE THICKNESS OF 0.75-INCH PARTICLEBOARD WITH JOINTS BACKED BY 0.75-INCH PARTICLEBOARD.
5. ONE-HALF INCH GYPSUM BOARD.
6. ONE-FOURTH INCH CEMENT BASED MILLBOARD.
7. BATTS OR BLANKETS OF MINERAL WOOL OR GLASS FIBER OR OTHER APPROVED MATERIALS INSTALLED IN SUCH A MANNER AS TO BE SECURELY RETAINED IN PLACE.
8. CELLULOSE INSULATION INSTALLED AS TESTED FOR THE SPECIFIC APPLICATION.

BATTS OR BLANKETS (718.2.1.1)
BATTS OR BLANKETS OF MINERAL WOOL OR MINERAL FIBER OR OTHER APPROVED NONRIGID MATERIALS SHALL BE PERMITTED FOR COMPLIANCE WITH THE 10-FOOT HORIZONTAL FIREBLOCKING IN WALLS CONSTRUCTED USING PARALLEL ROWS OF STUDS OR STAGGERED STUDS.

UNFACED FIBERGLASS (718.2.1.2)
UNFACED FIBERGLASS BATT INSULATION USED AS FIREBLOCKING SHALL FILL ENTIRE CROSS SECTION OF THE WALL CAVITY TO A MINIMUM HEIGHT OF 16 INCHES MEASURED VERTICALLY. WHEN PIPING, CONDUIT OR SIMILAR OBSTRUCTIONS ARE ENCOUNTERED, THE INSULATION SHALL BE PACKED TIGHTLY AROUND THE OBSTRUCTION

CONCEALED WALL SPACES (718.2.2)
FIREBLOCKING SHALL BE PROVIDED IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS, INCLUDING FURRED SPACES, AND PARALLEL ROWS OF STUDS OR STAGGERED STUDS, AS FOLLOWS:
1. VERTICALLY AT THE CEILING AND FLOOR LEVELS.
2. HORIZONTALLY AT INTERVALS NOT EXCEEDING 10 FEET

CONNECTIONS BETWEEN HORIZONTAL AND VERTICAL SPACES (718.2.3)
FIREBLOCKING SHALL BE PROVIDED AT INTERCONNECTIONS BETWEEN CONCEALED VERTICAL STUD WALL OR PARTITION SPACES AND CONCEALED HORIZONTAL SPACES CREATED BY AN ASSEMBLY OF FLOOR JOISTS OR TRUSSES, AND BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS, COVE CEILINGS AND SIMILAR LOCATIONS.

THERMAL SOUND INSULATION (720.1)
INSULATING MATERIALS, INCLUDING FACINGS SUCH AS VAPOR RETARDERS AND VAPOR-PERMEABLE MEMBRANES, SIMILAR COVERINGS AND ALL LAYERS OF SINGLE AND MULTILAYER REFLECTIVE FOIL INSULATIONS, SHALL COMPLY WITH THE REQUIREMENTS OF THIS SECTION. WHERE A FLAME SPREAD INDEX OR A SMOKE-DEVELOPED INDEX IS SPECIFIED IN THIS SECTION, SUCH INDEX SHALL BE DETERMINED IN ACCORDANCE WITH ASTM E 84 OR UL 723. ANY MATERIAL THAT IS SUBJECT TO INCREASE IN FLAME SPREAD INDEX OR SMOKE-DEVELOPED INDEX BEYOND THE LIMITS HEREIN ESTABLISHED THROUGH THE EFFECTS OF AGE, MOISTURE OR OTHER ATMOSPHERIC CONDITIONS SHALL NOT BE PERMITTED.
EXCEPTIONS:
1. FIBERBOARD INSULATION SHALL COMPLY WITH CHAPTER 23.
2. FOAM PLASTIC INSULATION SHALL COMPLY WITH CHAPTER 26.
3. DUCT AND PIPE INSULATION AND DUCT AND PIPE COVERINGS AND LININGS IN PLENUMS SHALL COMPLY WITH THE INTERNATIONAL MECHANICAL CODE.
4. ALL LAYERS OF SINGLE AND MULTILAYER REFLECTIVE PLASTIC CORE INSULATION SHALL COMPLY WITH SECTION 2613.

FACINGS (720.2.1)
WHERE SUCH MATERIALS ARE INSTALLED IN CONCEALED SPACES IN BUILDINGS OF TYPE III, IV, OR V CONSTRUCTION, THE FLAME SPREAD AND SMOKE-DEVELOPED LIMITATIONS DO NOT APPLY TO FACINGS, COVERINGS, AND LAYERS OF REFLECTIVE FOIL INSULATION THAT ARE INSTALLED BEHIND IN SUBSTANTIAL CONTACT WITH THE UNEXPOSED SURFACE OF THE CEILING, WALL OR FLOOR FINISH.
EXCEPTION: ALL LAYERS OF SINGLE AND MULTILAYER REFLECTIVE PLASTIC CORE INSULATION SHALL COMPLY WITH SECTION 2613.

EXPOSED INSTALLATION (720.3)
INSULATING MATERIALS, WHERE EXPOSED AS INSTALLED IN BUILDINGS OF ANY TYPE OF CONSTRUCTION, SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 450.

INTERIOR FINISH REQUIREMENTS (803.11):
INTERIOR WALL AND CEILING FINISH SHALL HAVE A FLAME SPREAD INDEX NOT GREATER THAN THAT SPECIFIED IN TABLE 803.11 FOR THE GROUP AND LOCATION DESIGNATED. INTERIOR WALL AND CEILING FINISHES MATERIALS TESTED IN ACCORDANCE WITH NFPA 286 AND MEETING THE ACCEPTANCE CRITERIA OF SECTION 803.1.2.1, SHALL BE PERMITTED TO BE USED WHERE A CLASS "A" CLASSIFICATION IN ACCORDANCE WITH ASTM E 84 OR UL723 IS REQUIRED.

TABLE 803.13:
GROUP B, M, NON-SPRINKLERED
INTERIOR EXIT STAIRWAYS, INTERIOR EXIT RAMPS & EXIT PASSAGEWAYS - CLASS A
CORRIDORS & ENCLOSURE FOR EXIT ACCESS STAIRWAYS & EXIT ACCESS RAMPS - CLASS B
ROOMS OR ENCLOSED SPACES - CLASS C

INTERIOR FLOOR FINISHES (804):
FLOOR FINISHES SHALL COMPLY WITH THE REQUIREMENTS SECTION 804.
FLOOR FINISHES: CLASS I OR CLASS II (SHALL BE CLASSIFIED IN ACCORDANCE WITH NFPA 253)

EGRESS ILLUMINATION DURATION (1008.3.4)
EMERGENCY POWER SYSTEM SHALL PROVIDE POWER FOR A DURATION NOT LESS THAN 90 MINUTES AND SHALL CONSIST OF STORAGE BATTERIES, UNIT EQUIPMENT OR AN ON-SITE GENERATOR. THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE IN ACCORDANCE WITH SECTION 2702.

PHYSICALLY HANDICAPPED & AGED REQUIREMENTS:
ACCESSIBILITY FOR THE PHYSICALLY HANDICAPPED AND AGED SHALL BE IN ACCORDANCE WITH -2010 ADA, INTERNATIONAL BUILDING CODE, 2018 EDITION, CHAPTER 11 CODES.

CHAPTER 11 ACCESSIBILITY
THIS BUILDING AND FACILITIES SHALL BE DESIGNED AND CONSTRUCTED TO BE ACCESSIBLE IN ACCORDANCE WITH THIS CHAPTER AND 2010 ADA.

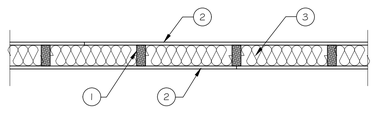
MECHANICAL EQUIPMENT AND SYSTEMS:
SHALL BE IN ACCORDANCE WITH CHAPTER 28 & NFPA 90A.

ELECTRICAL WIRING, EQUIPMENT AND SYSTEMS:
SHALL BE IN ACCORDANCE WITH CHAPTER 27 & NFPA 70

PLUMBING SYSTEMS:
SHALL BE IN ACCORDANCE WITH CHAPTER 29.

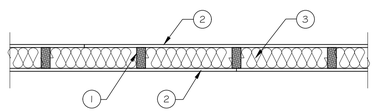
PORTABLE FIRE EXTINGUISHERS:
SHALL BE IN INSTALLED IN ACCORDANCE WITH CHAPTER 9 (229) OF THE 2018 IBC AND ALSO WITH NFPA 10.

1 WALL TYPE - INTERIOR



1. Wood Studs — nom 2 by 4 in., spaced 16 in. OC.
2. Gypsum Wall Board - ⅝" in. to 6" above Act. ceiling. (to align where required.)
3. Sound Attenuation Batts and Blankets* - 3½" in. glass fiber or mineral wool batts placed to fill cavity of wall.

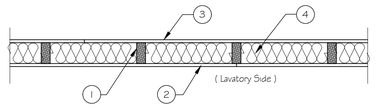
2 WALL TYPE - INTERIOR



(8'-1" Wall Height at Dressing # 114 & Office #116)

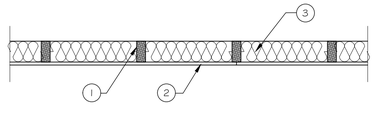
1. Wood Studs — nom 2 by 4 in., spaced 16 in. OC., to new blocking in Ceiling.
2. T-111 - ½" in. Plywood. (From floor to ceiling.)
3. (Optional) Sound Attenuation Batts and Blankets* - 3½" in. glass fiber or mineral wool batts placed to fill cavity of wall.

3 WALL TYPE - INTERIOR



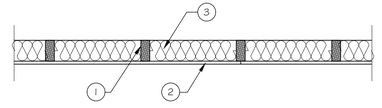
1. Wood Studs — nom 2 by 4 in., spaced 16 in. OC.
2. Gypsum Wall Board - ⅝" (water resistant) to ceiling above.
3. T-111 Plywood Panel from floor to 10' w/ 1 x 1 wood cap. (To match Existing)
4. Sound Attenuation Batts and Blankets* - 3½" in. glass fiber or mineral wool batts placed to fill cavity of wall.

4 WALL TYPE - INTERIOR



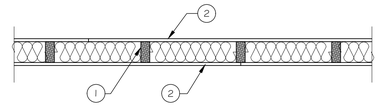
1. Wood Studs — nom 2 x 4 in. or Purlins 2 x 4 in. (not shown)
2. Gypsum Wall Board - ⅝" (water resistant) to ceiling above.
3. Sound Attenuation Batts and Blankets* - 3½" in. glass fiber or mineral wool batts placed to fill cavity of wall.

5 WALL TYPE - INTERIOR



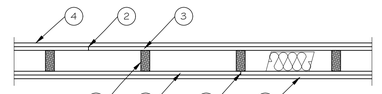
1. Wood Studs — nom 2 by 4 in., spaced 16 in. OC.
2. T-111 Plywood Panel from floor to 10' w/ 1 x 1 wood cap. (To match Existing)
3. Sound Attenuation Batts and Blankets* - 3½" in. glass fiber or mineral wool batts placed to fill cavity of wall.

6 WALL TYPE - INTERIOR



1. Wood Studs — nom 2 by 4 in., spaced 16 in. OC., with 4 x 4 Wd. Posts to new blocking in Ceiling as designated on Floor Plan.
2. T-111 - ½" in. Plywood. (See Floor Plan for wall Heights.)
3. Provide 1 x Wood cap at top of wall (Not Shown).

7 WALL TYPE - 1 HOUR FIRE PARTITION



UL DESIGN BXUV. U305
BEARING WALL RATING - 1 HR. (TO ROOF DECK ABOVE)

September 19, 2023

Beanng Wall Rating — 1 Hr
Finish Rating — See Items 3
STC Rating - 56 (See Item 9)
This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restnction factor shall be used — See Guide BXUV or BXUV7

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

1. Wood Studs — Nom 2 by 4 in. spaced 16 in. OC max, effectively firestopped.

2. Joints and Nail-Heads — Joints covered with joint compound and paper tape. Joint compound and paper tape may be omitted when square edge boards are used. As an alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard with the joints reinforced with paper tape. Nailheads exposed or covered with joint compound.

3. Gypsum Board* — 5/8 in. thick paper or vinyl surfaced, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. When used in widths other than 48 in., gypsum panels are to be installed horizontally.

4. T-111 Plywood Panel from floor to ceiling (To match Existing).

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

For additional information see: BXUV.Guideinfo - Fire-resistance Ratings - ANSI/UL 263 | UL Product iQ

DO NOT SCALE DRAWINGS: In the event that a dimension is inadvertently left off a drawing or the Contractor is unable to determine a dimension by a mathematical process, contact the Architect. Pamela P Gardner, AIA will not be held responsible for any assumptions arising from the scaling of a drawing by the Contractor.

I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland, licensed number 6698-R, expiration date 8-15-2025

ARCHITECT:
PAMELA P. GARDNER, AIA. LLC
311 N. AURORA STREET
PO BOX 971 EASTON, MARYLAND 21601
410-820-7973

ST. VINCENT DE PAUL ADDITION
TOWN OF EASTON, MARYLAND

PROJECT: 2311
SCALE: 1/4" = 1'-0"

CONSTRUCTION NOTES /WALL & CEILING TYPES

REV-DATE:
DATE: 4-24-24
DRAWN BY: TGB
SHEET

CN1