HOLLOW METAL

WATERPROOFING

ARCHITECTURAL GENERAL NOTES

<u>GENERAL</u> THE INTENT OF THE ARCHITECTURAL DRAWINGS IS TO CONVEY THE OVERALL DESIGN INTENT AND NOMINAL DIMENSIONS TO FINISHED ASSEMBLIES AND BUILDING COMPONENTS TO ALLOW FOR PLANS REVIEW BY AUTHORITIES HAVING JURISDICTION (AHJ), AND

PARTICULAR ASSEMBLIES AND BUILDING COMPONENTS ARE SHOWN IN GENERAL FASHION TO ALLOW FOR SPECIALTY DESIGNERS TO PROVIDE FINAL DESIGN. SPECIALTY DESIGN IS REQUIRED, BUT NOT LIMITED FOR THE FOLLOWING ASSEMBLIES AND COMPONENTS:

METAL BUILDING SYSTEMS <u>NETAL STAIRS.</u>

CONSTRUCTION THROUGH A DESIGN-BUILD PROJECT

<u>STEEL JOISTS</u> FIRE PROTECTION

TERIOR DESIGN ROOFING - INCLUDING INSULATION, ROOF COVERINGS, FLASHING, AND DRAINS. **CANOPIES**

TORE FRONTS/CURTAIN WALLS. OVERALL DESIGN IS BASED ON DESIGN AND DOCUMENTATION PREPARED BY OTHER PROFESSIONALS. THESE MAY INCLUDE BUT ARE NOT LIMITED TO: CIVIL AND SITE DESIGN

LAND SURVEY. GEOTECHNICAL REPORTS. CONTRACTOR AND INSTALLER ARE TERMS USED TO INDICATE THE ENTITY RESPONSIBLE FOR THE WORK OR PARTS OF THE WORK, SUCH AS THE GENERAL CONTRACTOR OR ANY OF

THEIR SUB-CONTRACTORS. VERIFY THAT SITE CONDITIONS ARE CONSISTENT WITH CIVIL, SURVEY, AND GEOTECHNICAL DOCUMENTATION BEFORE THE COMMENCEMENT OF BUILDING CONSTRUCTION. COORDINATION BETWEEN DESIGN DISCIPLINES AND CONSTRUCTION TRADES IS REQUIRED FROM THE

CONTRACTOR BEFORE THE COMMENCEMENT OF THE PORTION OF THE WORK COVERED BY SUCH DISCIPLINES OR 8. NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES OR OMISSIONS DISCOVERED ON THE PLANS OR SITE

CONDITIONS THAT MAY AFFECT THE DESIGN. ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR DURING CONSTRUCTION. IN CASE OF ANY DOUBT, OMISSION, ERROR, OR DISCREPANCIES IN ANY DRAWING THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING PRIOR TO ANY DECISION

WORK SHALL INCLUDE ALL ITEMS, WHETHER SPECIFICALLY SHOWN OR NOT, IN THE DRAWINGS REQUIRED TO FINISH THE WORK IN ACCORDANCE WITH THE OVERALL DESIGN INTENT. MANUFACTURER'S DETAILS FOR SOME ASSEMBLIES HAVE BEEN INCLUDED TO DEPICT TYPICAL CONSTRUCTION. ADAPTATIONS TO TYPICAL DETAILS MAY BE DONE BY INSTALLERS FOR SIMILAR CONDITIONS, PROVIDED THAT THEY ARE CONSISTENT WITH MANUFACTURER'S RECOMMENDATIONS AND THE OVERALL ARCHITECTURAL

DESIGN INTENT. INDUSTRY STANDARD ASSEMBLY DETAILS FOR FIRE AND/OR ACOUSTIC RATED CONSTRUCTION AND PENETRATIONS HAVE BEEN INCLUDED TO DEPICT TYPICAL CONSTRUCTION. ADAPTATIONS TO DETAILS MAY BE DONE BY INSTALLERS FOR SIMILAR CONDITIONS, PROVIDED THAT THEY DO NOT NEGATIVELY AFFECT THE ASSEMBLY'S RATINGS AND/OR THE OVERALL ARCHITECTURAL DESIGN INTENT.

DRAWING SET AND SHEET ORGANIZATION HAS BEEN DONE IN ACCORDANCE WITH THE U.S. NATIONAL CAD STANDARD (NCS). TERMS AND ABBREVIATIONS USED IN DRAWINGS, NOTES AND SCHEDULES CONFORM TO NCS VERSION 5 GUIDELINES. LARGE-SCALE DRAWINGS TAKE PRECEDENCE OVER SMALL-

SCALE DRAWINGS. CONSTRUCTION SHOWN TO BE TYPICAL SHALL BE ADAPTED 3. TO SPECIFIC CONDITIONS MAINTAINING GENERAL ITS CHARACTERISTICS AND INTENDED FUNCTION..

SUBMITTALS

SUBMIT FOR APPROVAL ITEMS AND/OR PRODUCTS FOR WHICH ATTRIBUTES AND PERFORMANCE REQUIREMENTS HAVE BEEN INDICATED. INFORM THE ARCHITECT OF ANY DEVIATIONS FROM SUCH REQUIREMENTS. SUBMIT SAMPLES OF SPECIFIED MATERIALS AND MANUFACTURER'S LITERATURE OF SPECIFIED EQUIPMENT AS

WELL AS SHOP DRAWINGS WHEN SO REQUESTED IN THE REVIEW AND APPROVAL OF CONSTRUCTION WORK, ITEMS, OR PRODUCTS SUBMITTED SHALL BE CONSTRUED ONLY AS AN 2. ACCEPTANCE OF GENERAL CONFORMANCE WITH THE

OVERALL ARCHITECTURAL DESIGN INTENT AND ADEQUACY

FOR PERFORMANCE OF ITS INTENDED FUNCTION.

SITE CONDITIONS

THE EXISTENCE AND LOCATION OF SITE IMPROVEMENTS, UTILITIES AND OTHER CONSTRUCTION IS NOT EXACT. BEFORE 5. THE COMMENCEMENT OF THE WORK INVESTIGATE AND VERIFY THE EXISTENCE AND LOCATION OF MECHANICAL AND 6. ELECTRICAL SYSTEMS AND OTHER CONSTRUCTION, INCLUDING FILL, AFFECTING THE WORK. VERIFY THAT ALL GRADE AND PAVEMENT ELEVATIONS ARE CONSISTENT WITH CIVIL DESIGN AND REQUIRED BUILDING

STRUCTURAL

EXTERIOR BUILDING COMPONENTS AND CLADDING SHALL BE DESIGNED BY SPECIALTY DESIGNERS TO MEET STRUCTURAL LOADS INDICATED IN 2017 FBC, BUILDING CHAPTER 16, AND NET PRESSURE COEFFICIENTS INDICATED IN TABLE 1609.6.2.

METAL BUILDING SYSTEMS

ACCESSES AT GROUND LEVEL.

METAL BUILDINGS (PREENGINEERED STRUCTURES) SHALL INCLUDE, BUT NOT BE LIMITED TO, TAPERED OR STRAIGHT WEB STRUCTURAL STEEL FRAMES AND PREDOMINANTLY COLD FORMED STEEL SECONDARY COMPONENTS, INCLUDING, BUT NOT LIMITED TO GIRTS, PURLINS, ROOF SHEETS, AND WALL SHEETS.

SUBMIT STRUCTURAL CONSTRUCTION DOCUMENTS OF METAL BUILDING SYSTEMS. METAL BUILDING SYSTEMS SHALL BE DESIGNED AND

DETAILED BY A SPECIALTY DESIGNER. THE SPECIALTY DESIGNER SHALL BE A REGISTERED DESIGN PROFESSIONAL IN THE STATE OF FLORIDA. CALCULATIONS FOR DRIFT AND DEFLECTION SHALL BE BY

SPECIALTY DESIGNER. SPECIALTY DESIGNER SHALL BE RESPONSIBLE FOR PROVIDING ALL REACTIONS OF THE BUILDING SYSTEM. THE SPECIALTY DESIGNER SHALL DESIGN THE SYSTEM IN

ACCORDANCE WITH THE PROVISIONS OF FBC CHAPTER 16

GABLE END WALLS SHALL BE SHALL BE STRUCTURALLY

CONTINUOUS BETWEEN POINTS OF LATERAL SUPPORTS.

COLD-FORMED STEEL (CFS)

CFS COMPONENTS ARE SHOWN IN DRAWINGS TO CONVEY THE OVERALL DESIGN OF ARCHITECTURAL FEATURES OR ASSEMBLIES RATED FOR FIRE PROTECTION AND ACOUSTICS. EXTERIOR CFS FRAMING SHALL BE DESIGNED AND DETAILED BY A SPECIALTY DESIGNER. THE SPECIALTY DESIGNER SHALL BE A REGISTERED DESIGN PROFESSIONAL IN THE STATE OF FLORIDA. CFS FRAMING CONSTRUCTION SHALL BE IN ACCORDANCE WITH

AISI S202 AND AISI S220. THE DESIGN OF COLD FORMED CARBON AND LOW-ALLOY STEEL MEMBERS SHALL BE IN ACCORDANCE WITH AISI S100. DESIGN CFS FRAMING TO WITHSTAND ALL LOADS AS SPECIFIED IN GENERAL, ARCHITECTURAL, AND/OR STRUCTURAL PLANS, AND AS REQUIRED BY THE 6TH EDITION OF THE FLORIDA BUILDING SUBMIT SHOP DRAWINGS INDICATING FINAL FRAMING DESIGN

BEFORE COMMENCEMENT OF FRAMING WORK.

EXTERIOR WALLS SHALL PROVIDE THE BUILDING WITH A WEATHER RESISTANT CONTINUOUS EXTERIOR WALL ENVELOPE IN COMPLIANCE WITH THE REQUIREMENTS OF 2017 FBC, BUILDING, SECTION 1403.2

ALL PROJECTIONS ON EXTERIOR WALLS SHALL BE NON-COMBUSTIBLE. WALL PANELS AND EXTERIOR SIGNAGE SHALL COMPLY WITH 2017 FBC SECTION 705. PROVIDE JOINTS IN CONFORMANCE WITH 2017 FBC SECTION 715. PROTECT VOIDS IN CONFORMANCE WITH 2017 FBC SECTION 715.4 AND ASTM E2307 TO PROVIDE F RATING FOR A TIME PERIOD NOT LESS THAN THE FIRE RATING OF THE FLOOR ASSEMBLY.

A WEATHER PROTECTION ENVELOPE OVER EXTERIOR WALLS IS REQUIRED. WEATHER PROTECTION AND FLASHING AS PART OF AN EIFS ASSEMBLY SHALL BE PROVIDED IN CONFORMANCE WITH 2017

FBC SACTION 1408.4.1, AND IN ACCORDANCE WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS. WATER-RESISTIVE BARRIERS ON FRAMED EXTERIOR WALLS SHALL BE INSTALLED CONTINUOUSLLY OVER SHEATHING. COMBUSTIBLE WATER-RESISTIVE BARRIERS NEED TO COMPLY

WITH NFPA 285

WALL PANELS SHALL BE ATTACHED TO BUILDING FRAME AND SUBSTRATES TO RESIST ALL LOADS AND PRESSURES REQUIRED FOR EXTERIOR WALLS, CLADDING AND COMPONENTS. ATTACHMENT SHALL BE IN ACCORDANCE WITH PANEL MANUFACTURER'S WRITTEN INSTRUCTIONS AND DETAILS

GYPSUM BOARD

INSTALLATION OF GYPSUM BOARD AND GYPSUM PANELS SHALL COMPLY WITH GA-216 AND ASTM C840. INSTALLATION OF GYPSUM SHEATHING AND GYPSUM PANEL PRODUCTS SHALL COMPLY WITH ASTM C1280. INSTALLATION OF FRAMING FOR GYPSUM BOARD AND GYPSUM PANEL PRODUCTS SHALL COMPLY WITH ASTM C754 AND ASTM GYPSUM SHEATHING SHALL BE INSTALLED IN EXTERIOR SURFACES IN ACCORDANCE WITH ASTM C1280. GYPSUM USED AS A BASE FOR TILE IN TUB AND SHOWER AREAS SHALL COMPLY WITH ASTM C1178, AND BE INSTALLED IN ACCORDANCE TO MANUFACTURER'S RECOMMENDATIONS.

GUARDS, HANDRAILS, GRAB BARS AND OTHER

INSTALLER SHALL PROVIDE HANDRAILS AND GUARDS TO RESIST A LINEAR LOAD OF 50 POUNDS PER LINEAR FOOT AND A CONCENTRATED LOAD OF 200 POUNDS, IN ACCORDANCE WITH SECTION 4.5.1 OF ASCE 7. INTERMEDIATE RAILS, BALUSTERS, AND PANEL FILLERS SHALL BE DESIGNED TO RESIST A CONCENTRATED LOAD OF 50 POUNDS IN ACCORDANCE WITH 4.5.1 OF ASCE 7. GRAB BARS, SHOWER SEATS, AND LOCKER ROOM BENCHES SHALL BE DESIGNED TO RESIST A SINGLE CONCENTRATED LOAD OF 250 POUNDS IN ANY DIRECTION, AT ANY POINT TO PRODUCE THE MAXIMUM LOAD EFFECTS. GLASS HANDRAIL ASSEMBLIES SHALL COMPLY WITH 2017 FBC,

GYPSUM BOARD SHAL BE USED UNDER TILE OR WALL PANELS

WHEN INSTALLED IN ACCORDANCE WITH GA-216 OR ASTM C840.

SECTION 2407.

ROOF COVERINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE APPROVED MANUFACTURER'S INSTRUCTIONS. ROOF COVERING ASEMBLIES SHALL INCLUDE ALL COMPONENTS RECOMMENDED BY MANUFACTURER TO MEET DESIGN CRITERIA INCLUDING, INSULATION, FASTENERS, ADHESIVES, DRAINS, FLASHING, TRIM AND OTHER ACCESSORIES. ROOF COVERING SHALL BE DESIGNED BY SPECIALTY DESIGNER TO WITHSTAND WIND PRESSURES DETERMINED IN ACCORDANCE WITH ASCE 7 OR ALTERNATIVE ALL-HEIGHTS METHOD DESCRIBED IN 2017 FBC, SECTION 1609.6. ROOF COVERING SHALL BE TESTED IN ACCORDANCE WITH ASTM E108 OR UL 790.

CLASS B. INSULATION SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 276 OR UL1256 TESTING FOR ROOF ASSEMBLIES. INSTALL FLASHING AT WALL AND ROOF INTERSECTIONS, AT GUTTERS, CHANGES IN ROOF SLOPE OR DIRECTION AND AROUND ROOF OPENINGS. FLASHING MATERIAL SHALL BE AS RECOMMENDED BY ROOFING

MANUFACTURER, AND DESCRIBED IN THE MANUFACTURER'S

MINIMUM ROOF COVERING FIRE CLASSIFICATION SHALL BE

INSTALLATION DETAILS AND WRITTEN INSTRUCTIONS. METAL FLASHING THICKNESS SHALL COMPLY WITH 2017 FBC SECTION 1503.2 AND RAS 111. MINIMUM SLOPE FOR ROOF SURFACES SHALL BE 2%.

INTERIOR DESIGN

BUILDING INTERIOR DESIGN IS TO BE PROVIDED BY OTHERS. INFORMATION REGARDING INTERIOR FINISHES HAS BEEN INCLUDED IN THESE DRAWINGS AS IT RELATES TO FIRE PROTECTION, OVERALL DIMENSIONS, AND GENERAL ACOUSTIC REQUIREMENTS. CONTRACTOR SHALL COORDINATE INTERIOR DESIGN REQUIREMENTS WITH ARCHITECT BEFORE THE COMMENCEMENT OF INTERIOR WORK.

ACOUSTIC DESIGN

ACOUSTIC PERFORMANCE OF ASSEMBLIES IS BASED ON PUBLISHED RATINGS FOR TESTED TYPICAL CONSTRUCTION. DETAILED ACOUSTIC REQUIREMENTS BEYOND THE SCOPE OF TYPICAL CONSTRUCTION SHALL BE ADDRESSED BY ACOUSTICS DESIGN PROFESSIONAL.

<u>FINISHES</u>

REFER TO FINISH SCHEDULE FOR GENERAL FINISH INFORMATION. REFER TO INTERIOR DESIGN DRAWINGS FOR FINAL INTERIOR

FINISHES AND PRODUCTS. EXTERIOR COLOR SCHEME SHALL BE PER OWNER.

INSTALL CANOPIES FOLLOWING MANUFACTURER'S WRITTEN INSTRUCTIONS, SHOP DRAWINGS OR DIAGRAMS. CANOPIES SHALL BE DESIGNED AND INSTALLED TO WHISTAND WIND OR OTHER LATERAL LOADS AND LIVE LOADS AS REQUIRED BY FBC, BUILDING, CHAPTER 16, AND IN SECTION 3105 OF THE CODE, WITH DUE ALLOWANCE FOR SHAPE, OPEN CONSTRUCTION AND SIMILAR FEATURES THAT RELIEVE THE PRESSURES OR LOADS.

INDEX NOT GREATER THAN 25 WHEN TESTED IN ACCORDANCE

STRUCTURAL MEMBERS OF CANOPIES SHALL BE PROTECTED TO PREVENT DETERIORATION. CANOPIES SHALL BE CONSTRUCTED OF A RIGID FRAMEWORK AND SHALL BE PROVIDED WITH AN APPROVED COVERING THAT MEETS THE FIRE PROPAGATION CRITERIA OF TEST METHOD 1 OR TEST METHOD 2 OF NFPA 701, OR HAS A FLAME SPREAD

WITH ASTM E84 OR UL 723.

CONCEALED SPACES

CONCEALED SPACES SHALL BE CONSTRUCTED OF NON-COMBUSTIBLE MATERIALS. OTHER COMBUSTIBLE MATERIALS SHALL BE PERMITTED IN CONFORMANCE WITH EXCEPTIONS INDICATED 2017 FBC, BUILDING SECTION 718.5.

FIRE PROTECTION FEATURES

ALL STRUCTURAL MEMBERS SHALL BE PROTECTED TO MEET BUILDING TYPE REQUIREMENTS INDICATED ON SHEET G001. PROVIDE PROTECTION OF STEEL COLUMNS, BEAMS, LINTELS

AND ANGLES AS INDICATED ON SHEET A006. PROVIDE FIRESTOP FOR THROUGH-PENETRATIONS AS INDICATED ON SHEETS A004 AND A005.

PERMIT DRAWINGS FOR:

PALMETTO UMC ANNEX BUILDING

5601 16TH AVE EAST CHURCH PALMETTO, FL 34221

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FBPE Certificate of Authorization #29098

FRANCISCO J. MORENO-ORAMA

I HEREBY CERTIFY THAT THESE PLANS HAVE BEEN PREPARED. TO THE BEST

OF MY KNOWLEDGE, IN ACCORDANCE WITH THE OF THE 2017 FLORIDA

BUILDING CODE, 6TH EDITION, AND THE 2014 NATIONAL ELECTRIC CODE.

LICENSED ARCHITECT

FAMILY OF GOD UNITED METHODIST

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OWNER'S REPRESENTATIVE:

FRANK COSEGLIA, CHAIRMAN LEADERSHIP COUNCIL

NO DATE	DESCRIPTION

PROJECT NO: Project Number

CHK'D BY: Checker

DRAWN BY: Author

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ARCHITECTURAL GENERAL NOTES, ABBREVIATIONS AND **SYMBOLS**

SHEET COUNT:

SHEET IDENTIFICATION: