CONFERENCE

RIDGE

BLUE

SE

UR

CODE INFORMATION (CONTINUED)

SNOW LOADS PG = 30 PSF GROUND SNOW

Ct = 1.0 THERMAL FACTORIs = 1.0 IMPORTANCE FACTOR

Pf = 25 FOR SLOPED ROOFS

Ce = 1.0 SNOW EXPOSURE FACTOR

SPECIAL INSPECTIONS

ROOF =

Vasd = 89 MPH

EXPOSURE B

Kd = 0.85

SEISMIC SITE CLASS = D (ASSUMED)

SEISMIC DESIGN CATEGORY = B BASIC STRUCTURAL SYSTEM = PEMB FRAME & BEARING WALL SYSTEMS

SEE DRAWINGS FOR BUILDING ENVELOPE & STRUCTURAL SYSTEMS & MATERIALS

12 PSF (NO STORAGE - VERIFY EQUIPMENT WEIGHT)

MEP COORDINATION NOTE

PLUMBING, ELECTRICAL, & HVAC SYSTEMS ARE TO BE CONSTRUCTED AS COMPLETE, COORDINATED SYSTEMS. AS A MINIMUM THEY SHALL MEET APPLICABLE BUILDING AND LIFE SAFETY CODES UNDER VA USBC 2015 & ANSI A117.1-2003. EACH SYSTEM DESIGNER/INSTALLER MUST COORDINATE WITH THE GENERAL CONTRACTOR AND OTHER PROJECT SUB-CONTRACTORS.

MEP SUB-CONTRACTORS WILL PULL INDIVIDUAL MEP PERMITS.

CODE INFORMATION - (2015 VCC) PROJECT DESCRIPTION

SCOPE OF PROJECT INCLUDES A NEW (1) STORY PEMB & FRAME CHRISTIAN CAMP MULTI-PURPOSE BUILDING TO REPLACE THE BUILDING RISK CATEGORY - II (TABLE 1604.5) EXISTING STRUCTURE TO BE DEMOLISHED. LIVE LOADS 1ST FLOOR = 150 PSF

NOTE THAT OVERALL CAMP OCCUPANCY IS LIMITED TO A MAXIMUM OF 300 BY THE USE PERMIT.

TOTAL FIRE AREA: 9,423 SF

BASIC BUILDING PLANNING
USE GROUP: A-3 - CHURCH CAMP MEETING / INDOOR RECREATION ACTIVITY / FELLOWSHIP SPACE / KITCHEN

CONSTRUCTION TYPE : VB, NO SPRINKLER

BUILDING LIMITATIONS (TABLES 504.3, 504.4 & 506.2): A-3 USE: 40 FT, 1 STORY, 6,000 SF

PROJECT ACTUAL HEIGHT & AREA:

25' HEIGHT TO ROOF, (1) STORY, 9,736 SF

506.3 FRONTAGE INCREASE: 75% INCREASE W/ 30' CONTINUOUS GCPI = 0.18± OPEN PERIMETER = 6,000 + 4,500 = 10,500 MAX. ALLOWABLE BUILDING AREA

FIRE PROTECTION

COMBUSTIBLE CONSTRUCTION - (0) RATING FOR BUILDING ELEMENTS (TABLE 601 & 602)

FIRE SEPARATION ASSEMBLIES: NONE

NO AUTOMATIC SPRINKLER SYSTEM

FIRE EXTINGUISHERS - (4) TYPE 2-A PROPOSED

INTERIOR FINISHES: INTERIOR WALLS, CEILINGS, & FLOORS SHALL COMPLY WITH IBC CHAPTER 8.

MEANS OF EGRESS
OCCUPANCY LOADS: 299 MAXIMUM FOR BUILDING

MAXIMUM SITE OCCUPANCY OF 300 DETERMINED BY ZONING

NUMBER OF EXITS REQUIRED / PROVIDED: 2 / 4 FROM MAIN ASSEMBLY SPACE

CHAPTER 29 MINIMUM PLUMBING FIXTURES BASED ON MAX. OCCUPANCY OF 300

A-3: WC -M WC -W LAV DF 2 PER SEX 1 PER SEX 1 HI / LOW 1 HI/LOW

ASSUMED MINIMUM SOIL BEARING CAPACITY - 2,000 PSF

CONTRACTOR IS CAUTIONED THAT FILL MATERIALS MAY BE ENCOUNTERED WHILE EXCAVATING FOUNDATIONS REQUIRING REMOVAL OF DEBRIS & REPLACEMENT WITH STRUCTURAL FILL.

REFER TO SITE GEOTECHNICAL REPORT.

REVISIONS:

DRAWN: CHECKED: 09-24-20 PROJECT #:

FLOOR PLAN

A1.1

