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COUNTY OF ALBEMARLE

PANTOPS
PUBLIC SAFETY
FACILITY

IFB # 2017-11223-20

CHARLOTTESVILLE,
VIRGINIA

REVISIONS

DATE	DESCRIPTION
COMMISSION NUMBER	
2160310	
SCALE: AS NOTED	
DESIGNED:	RTL
DRAWN:	JCO
CHECKED:	DFB
DATE:	10.28.2016

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SHEET TITLE

CODE ANALYSIS

SHEET NUMBER

G-002

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CODE PLAN SYMBOL LEGEND

- EXIT (MEANS OF EGRESS)
- COMMON PATH OF TRAVEL (DISTANCE TO EXIT ELEMENT AS INDICATED)
- NUMBER OF PERSONS EGRESS ELEMENT CAPACITY
- 1 HOUR RATED FIRE PARTITION
- FIRE EXTINGUISHER CABINET W/ CLASS A FIRE EXTINGUISHER
- 1 HOUR RATED CEILING, ONE LAYER OF 5/8" TYPE-X GWB @ UNDERSIDE OF ROOF TRUSSES, SEE DETAIL 1 ON SHEET G-002
- 1 HOUR RATED HORIZONTAL ASSEMBLY UL D780 FOR CEILING/FLOOR ABOVE

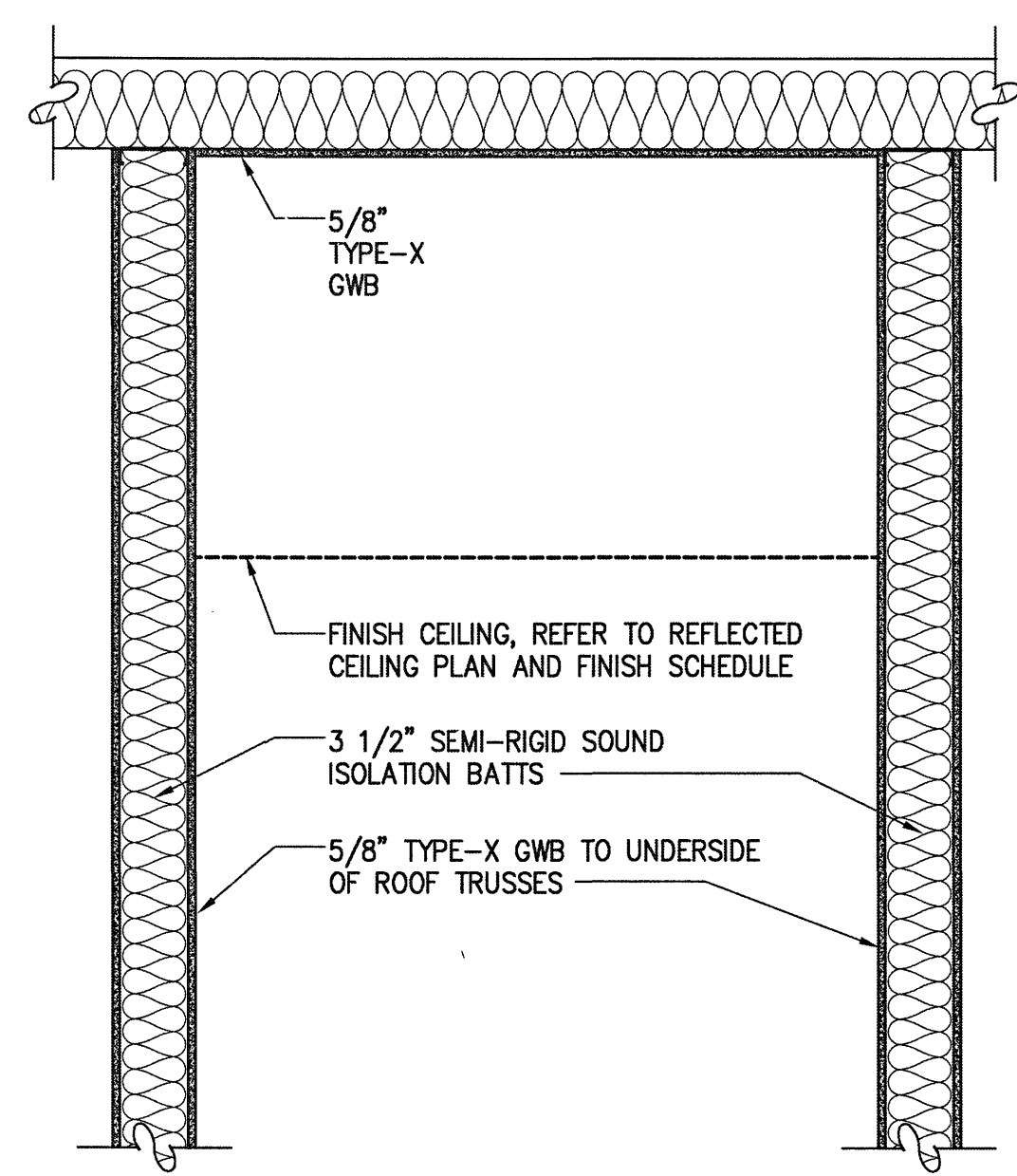
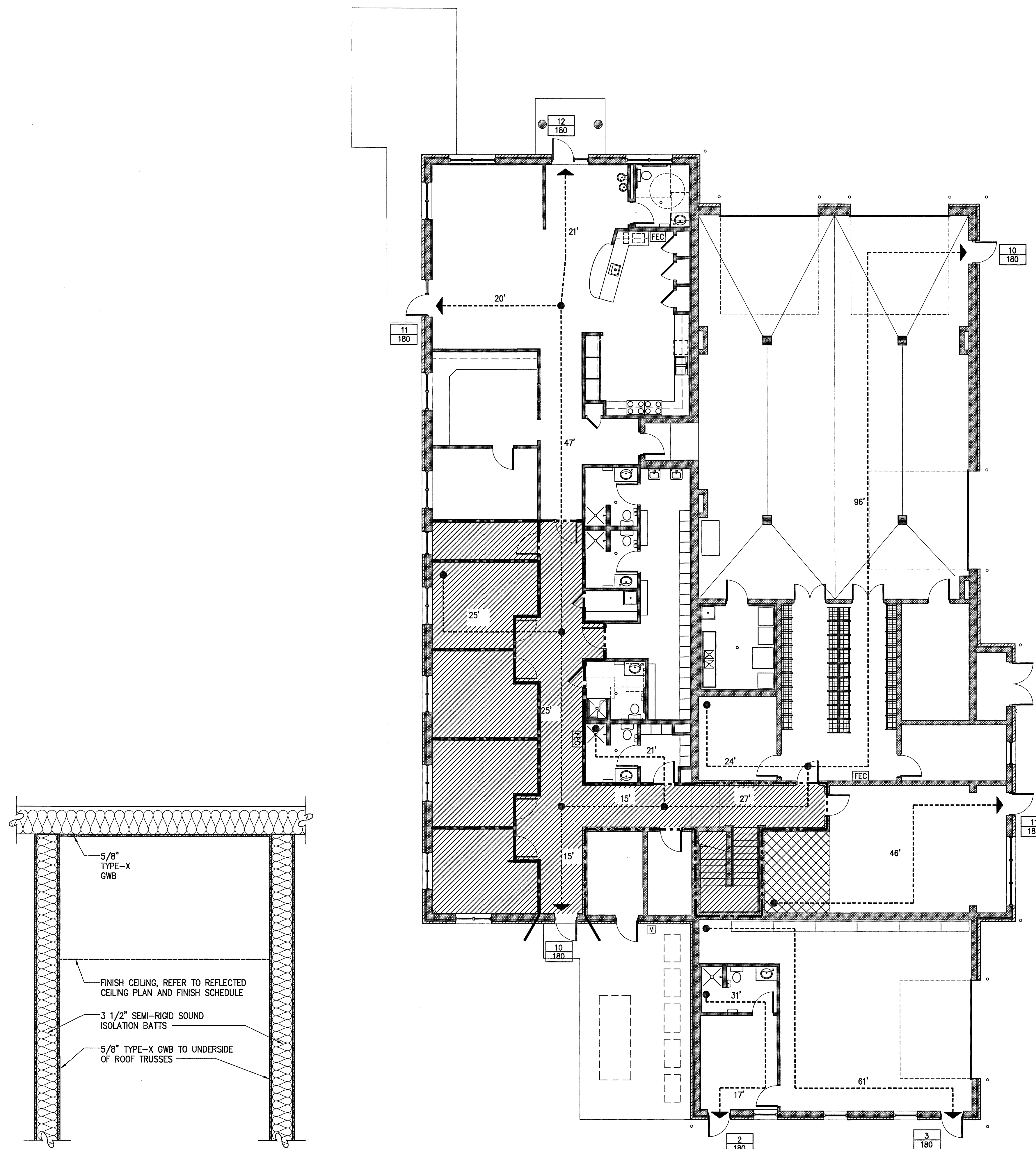
PROJECT CODE DATA ANALYSIS

OCCUPANCY GROUP:	NON-SEPARATED MIXED OCCUPANCY: B (BUSINESS) R-2 (RESIDENTIAL) S-2 (LOW-HAZARD STORAGE)		
TYPE OF CONSTRUCTION:	II-B		
BASIC ALLOWABLE AREA (MOST STRINGENT, R-2):	7,000 SF/FLOOR		
BASIC ALLOWABLE HEIGHT:	2 STORIES, 40'-0" MAXIMUM HEIGHT		
SPRINKLER SYSTEM AREA INCREASE (506.3):	21,000 SF/FLOOR		
SPRINKLER SYSTEM HEIGHT INCREASE (504.2):	1 STORIES, 20'-0" HEIGHT		
TOTAL ALLOWABLE:	28,000 SF/FLOOR, 3 STORIES, 60'-0"		
ACTUAL PROJECT AREA:	FIRST FLOOR = 9,876 GSF MECHANICAL PLATFORM = 1,355 GSF TOTAL = 11,231 GSF		
ACTUAL PROJECT HEIGHT:	1 STORY, 25'-0"		
OCCUPANCY LOAD:			
USE	AREA (SF)	OCCUPANT/(SF)	# OCCUPANTS
BUSINESS (B)	2,945	100 GROSS	30
RESIDENTIAL (R-2)	2,011	200 GROSS	11
STORAGE (S-2)	5,406	300 GROSS	18
TOTAL OCCUPANCY			59

REQUIRED PLUMBING FIXTURES

OCCUPANCY	TOILETS		LAVS	SHOWER	DRINKING FOUNTAIN	OTHERS
	MALE	FEMALE				
B (BUSINESS)	1	1	1	-	1	1 SERV. SINK
R2 (RESIDENTIAL)	1	1	2	2	1	1 SERV. SINK
S2 (LOW-HAZ. STRG.)	1	1	1	-	1	1 SERV. SINK
TOTAL REQUIRED	1	1	2	2	1	1 SERV. SINK
TOTAL PROVIDED	2	1	8	5	2	2 SERV. SINK
	3 UNISEX					

NOTE: SINCE THE SAME OCCUPANTS OCCUPY ALL USE GROUPS, THE TOTAL REQUIRED FIXTURES IS BASED ON THE MOST STRINGENT USE GROUP REQUIREMENT.



1 HOUR RATED CEILING
SCALE: 3/4" = 1'-0"

FIRST FLOOR CODE PLAN
SCALE: 1/8" = 1'-0"

