Review by	Review by: Robert C. Beller, P.E.		Phone No.: (240) 602-2083 Fax No.: Date:				VA	Project COR:	Aaron Kompelien	
Facility:	Sioux Falls VA HC	S Project Titl			Date on Drawing VA Project No.:		February 27, 2017 438-16-104			
ITEM NO.:	REFERENCE DRAWING OR SPEC.		(*Indicates A	MMENTS Advisory Comments)		REFERE CODE OF (* With Year	R STD.	RESOLUTION (Provided by MC or A/E)		
1.	A001	(NFPA) 101 (Building Cod and not IBC. <i>Note:</i> There a	(current edition is e (IBC). Ideally a are no differences	onal Fire Protection As 2015) and not the Intal references should be between NFPA 101 a catures affected by the	ternational se to NFPA 102 and IBC for the	Design M (FPDN	VA Fire Protection Design Manual (FPDM), Paragraph 1.3.B			
2.	A001	The codes and between the a occupancy correquired if the each occupand does not incluse parated por While Stair 6 relocation of egress while twithin the segment required a design intent Revise the cothe occupance.	alysis indicates the assembly occupant of the rest ere is an intent to cy type. The 1-houde the means of tion of the building could be include the rated wall, the two are required or arated assembly as the building apis a non-separated des analysis to re	nere is a 1-hour occupacy (chapel) and the brook of the floor. This sepprovide separate egrepur barrier shown on degress for the chapel ving. d within the separated is would only include Incorporation of a second occupancy appears in pears to be code compiled or mixed occupancy affect the mixed-use covoide a code compilate occupancy appears to be code compilate of the code compilate occupancy and code code compilate occupancy and code code code code code code code cod	ancy separation usiness aration is only ess facilities for drawing A103 within the d area by the one means of cond stairway appractical; it is pliant if the definition on the concept or revise	NFPA 101 Section 6	Revisions include references to N codes NFPA 101 (2015), Section 6.1.14			
3.	A001	All means of occupant load Note: Only or	egress doors from d exceeds 50. ne of the two sing	n the chapel must swingle doors is needed as the door in the east w	a required	NFPA 101 Paragraph 7			wall now swings out and neling in chapel has been effect change.	
4.	D102/103	room appear	to be the only rate of any penetration	yay, elevator, and eleved walls) to ensure prossure and use of rated infi	oper ill.	Scope of	Scope of work		Existing rated walls now indicated.	
5.	A102/103	room appear	to be the only rate	yay, elevator, and elevel walls) to ensure properties and use of rated infinitely	oper	Scope of	work	Existing rated	l walls now indicated.	

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Facility:	Sloux Falls VA HC	Project Tit	le (%). Renovate Ruilding 5 Chanel (100%)					orawings: ect No.:	February 27, 2017 438-16-104
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6.	A103	occupant load Note: Only o	d exceeds 50. one of the two si	om the chapel must swingle doors is needed as ly the door in the east v	s a required	NFPA 101 (2 Paragraph 7.2	/ -	decorative par modified to re	S
7.	Fire extinguisher cabinet		project area; no ably is needed. abinets is	Scope of w	ork	(4) are provided. Refer to 3/A120 in corridor 397 between column grid H.9 & K, 2/A120 in Locker/Break 351C @ Column Grid F, 1/A120 in Corridor 397 between C & D, & in Chapel 349 between column line B & C.			
8.	E-101	Provide an exmeans of egr	wall as a second hapel.	NFPA 101 (2 Paragraph 13.					
9.	E-101	*Recommend the provision of emergency lighting in the chapel. <i>Note:</i> While <i>Life Safety Code</i> , Paragraph 13.2.9.3 allows for omission of emergency lighting in this small chapel, it is still an area that will be used by patients and visitors unfamiliar with the chapel. There is also potential for the seating arrangements to be modified at any time since seating is not fixed.				_	Engineering judgment Concur – Emergency lighting has be added to the Chapel since this space occupant load greater than 50 person will be used by visitors. – Melissa Fire Protection Engineer, Woolper		
10.	E-310	the chapel, the the main chap	1-hour wall at open devices at his will no longer is adequate to	Engineering judgment		Concur – The 1-hour separation for the Chapel has been removed from the design. Therefore, the door hold open devices and associated smoke detectors have been removed from the fire alarm plan at the Chapel double door. – Melissa D. Meade, PE, Fire Protection Engineer, Woolpert			

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Facility:	Sioux Falls VA HC	Project Title (%): Renovate Building 5 Chapel (100%)					Date on I VA Proje	Orawings: ect No.:	February 27, 2017 438-16-104		
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11.	E-310	the occupant	is known to be he			VA FPD Paragra 7.3.F.1.b	ph	the VA would environment avoid having in the future. office rooms Office 349H) remain in the future flexibil to an occupant without havin modification. Protection En	- It is our understanding that d prefer to maintain an that is ABA/ADA ready to to make system modifications There are only three single (Office 349E, Office 349F, and . Therefore, the strobes will se rooms in order to achieve lity to have this office available at with hearing disabilities ag to do future system - Melissa D. Meade, PE, Fire agineer, Woolpert		
12.	E-501	amplifiers, ba	tteries, and batter	the new panel to house ry charger; on Drawin hile on this drawing it	g E-310 the	Scope of v	vork	Concur – The notation has been coordinated to Notification Appliance Circuit (Remote Power Supply) on the floor plan, legend, and riser diagram. – Melissa D. Meade, PE, Fire Protection Engineer, Woolpert			
13.	E-501	Delete the ret one floor.	ler serves only	NFPA 90A (Paragraph 6.		Concur – The return air duct detector has been removed since the air handler RTU only serves this one story. – Melissa D. Meade, Fire Protection Engineer, Woolpert					
14.	E-501	If the resolution of Item 2 results in deletion of the 1-hour wall at the chapel, then the smoke detectors and door hold-open devices at the main chapel doors should be deleted, because this will no longer be a rated door and a mechanical hold-open device is adequate to keep the doors open when desired.				judgme		Concur - The 1-hour separation for the Chapel has been removed from the design Therefore, the door hold open devices an associated smoke detectors have been removed from the riser diagram. – Meliss D. Meade, PE, Fire Protection Engineer, Woolpert			
15.	M103	the 1-hour rat dampers on w	ed wall is retaine	on the ducts entering d, NFPA 90A does not not 2-hour rating, and Vetion.	ot require fire	NFPA 90A (Paragraph 5					

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16.	FP001	specification. supply test if	The contractor is the information p months old at the	tion on the drawing or s only required to perf provided in the contract e time the contractor of	form a water ct documents is		Concur – A copy of the most recent fire pump test received from the VA has bee added to sheet FP001 along with a note stating that the contractor is responsible obtaining or performing water supply te within 12 months to use in the hydraulic calculations. – Melissa D. Meade, Fire Protection Engineer, Woolpert			
17.	FP001	shutdowns w	hile the contractordance with medi	n option allowing spri or provides fire watch ical center interim life	in the affected	Enginee judgm	_	Non-Concur – The two options listed for construction period safety were specifically developed by the VA and provided to the design team. Therefore, this third option will not be included. – Melissa D. Meade, Fire Protection Engineer, Woolpert		
18.	FP001	plans by the f		d the review/approval re department. VA appeared to A/E.		Scope of	Scope of work Scope of work Concur – References to fees and review/approval by the fire marshal department have been removed. Not 26 have been deleted. – Melisa D. M. Fire Protection Engineer, Woolpert			
19.	FP102	Modify Note sprinklers (th <i>Note:</i> If clear sprinklers.	ceptions).		VA FPDM, Paragraph 6.1.G Non-Concur – Per specific di VA, the concealed sprinklers the Dishwashing area only. C existing sprinklers in the Dish are concealed heads. Addition been added to the plans to cla concealed heads are permitted Dishwashing area only. – Me Fire Protection Engineer, Wo					
20.	FP102			ate that sprinklers sha annot be removed and		NFPA 13 (2016), Paragraph 6.2.1.1 Concur – Note more clearly income more clearly incom			te 2 and 3 will be revised to indicate that sprinklers shall be new sprinklers shall be rinklers shall not be reinstalled. Meade, PE, Fire Protection	

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21.	FP103	Note 4 is not	used on this sh	eet; delete.		Scope of v	Scope of work Concur – Note 4 has been deleted. D. Meade, Fire Protection Engineer Woolpert			
22.	21 13 13	Provide water	r supply inforn	nation.		Scope of v	vork	Concur – Specification has been updated to reference the fire pump flow test on sheet FP001 and the associated note. – Melissa D. Meade, Fire Protection Engineer, Woolpert		
23.	21 13 13	Delete compo	ges, etc.	Scope of v	vork	Non-Concur – All of the components are not known at this time since the exact work will be shown on the shop drawings. Therefore, these components will remain in the specification in case the contractor chooses to use them. – Melissa D. Meade, Fire Protection Engineer, Woolpert				
24.	28 31 00	Delete the sprinkler flow and tamper switches, as these are not part of the project design. Also delete the door hold-opens if the 1-hour wall around the chapel is deleted.					vork	Concur – All of the components are no known at this time since the exact wor be shown on the shop drawings. There these components will remain in the specification in case the contractor cho to use them. Door hold opens have beed deleted from the specification since the known not to be used. – Melissa D. Me Fire Protection Engineer, Woolpert		