SEE SHE	ET A901			
REF.	FIRE AREA	OPERATIONS/ LABORATORY		
Chap. 3	Occupancy	BUSINESS (EXISTING)		
313	Mixed Use	No		
Chap. 6	Construction Type	2C (EXISTING)		
		Allowed	Provided	
T 503	Height/ Area:			
	No. of Stories	3	2	
	Basement (Existing)		13,500 SF	
	1st Floor (Existing)		11,200 SF	
	Maximum Height	40' max	35'	
	Maximum Total Area	14,400 max	24,700 SF	
	Height Increase	N/R	N/R	
	Area Increase	97,812 SF	10,300 SF	
904	Fire Suppression	N/R	N/R	
917	Fire/ Smoke Detect			
Chap. 10	Egress:			
T 1006.5	Maximum Travel Length	200'	90'	
1010	Minimum Number of Exits	2	7	
1011.2	Maximum Dead End Corridor Length	20'		
T 1011.4	Corridor Fire Rating	1	N/R	
T 1008.1.2	Occupancy Load — Basement	300 Per SF	Total Load: 45	
T 1008.1.2	Occupancy Load -1st Floor	100 Per SF	Total Load: 112	
T 1008.1.2	Occupancy Load — Total	300 and 100 Per SF Total Load: 157		
T 1009.2	Egress Width:	Per Occupant	Required Width	
1009.3	Stairs	0.30	MIN	
	Doors, Ramps, Corr	0.20	MIN	
		Required	Provided	
1011.3	Minimum Passage Width	44" 44"		
1014.3	Minimum Stairway Width	44"	44"	
		Openings	Total Width	
		Openings		

REF.	FIRE AREA	ADMINISTRATION BUILDING		
Chap. 3	Occupancy	BUSINESS (B)		
313	Mixed Use	No		
Chap. 6	Construction Type	5B		
		Allowed	Provided	
T 503	Height/ Area:			
	No. of Stories	2	2	
	1st Floor	7,200 SF	4,900 SF	
	2nd Floor	7,200 SF	3,000 SF	
	Maximum Height	30' max	32'	
	Maximum Total Area	14,400 SF	7,900 SF 32'	
	Height Increase	30' + 20' = 50'		
	Area Increase	14,400 SF per floor	N/R	
904	Fire Suppression	YY		
917	Fire/ Smoke Detect			
Chap. 10	Egress:			
T 1006.5	Maximum Travel Length	250'	87'	
1010	Minimum Number of Exits	2	6	
1011.2	Maximum Dead End Corridor Length	50'	14'	
T 1011.4	Corridor Fire Rating	N/R	N/R	
T 1008.1.2	Occupancy Load — 1st Floor	100 Per SF	Total Load: 102	
T 1008.1.2	Occupancy Load - 2nd Floor	100 Per SF	Total Load: 30	
T 1008.1.2	Occupancy Load — Total		Total Load: 132	
T 1009.2	Egress Width:	Per Occupant	Required Widt	
1009.3	Stairs	0.20	44" MIN	
	Doors, Ramps, Corr	0.15	44" MIN	
		Required	Provided	
1011.3	Minimum Passage Width	44"	58"	
1014.3	Minimum Stairway Width	44"	54 1/2"	
		Openings	Total Width	
T 1017.2	Exits Provided	6 252"		

SEE SHE	ET A961		
REF.	FIRE AREA	MAINTENAN	CE BUILDING
T 1006.5 1010	Minimum Number of Exits Maximum Dead End Corridor Length	2 2 20'	75' 7 16'
T 1011.4	Corridor Fire Rating	N/R	N/R
T 1008.1.2	Occupancy Load - 1st Floor	100 Per SF Total Load: 147	
T 1008.1.2	Occupancy Load — Total	100 Per SF	Total Load: 157
T 1009.2	Egress Width:	Per Occupant	Required Width
1009.3	Stairs	0.30	44" MIN
	Doors, Ramps, Corr	0.20	44' MIN
		Required	Provided
1011.3	Minimum Passage Width	44"	60"
1014.3	Minimum Stairway Width	44" 44"	
		Openings	Total Width
	Exits Provided	7	288"

				DESIGNED H & S
				DRAWN H&S
				CHECKED
3	RECORD DRAWING	JAN 2006	RLT	PROJ. ENGR. H & S
2	CONSTRUCTION	JAN 2004	RLT	PROOF ENGR.
1	REGULATORY APPROVAL	NOV 2003	RLT	
NO	ISSUED FOR	DATE	RY	APPROVED

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CITY OF ROANOKE VIRGINIA

REGIONAL WATER POLLUTION CONTROL PLANT PROCESS TRAIN IMPROVEMENTS

GENERAL CODE SUMMARY

THE SCALE BAR SHOWN BELOW MEASURES ONE INCH LONG ON THE ORIGINAL DRAWING.

THE ORIGINAL DRAWING.

DATE JANUARY 2004

H & S JOB 30788C

CONTRACT NUMBER NUMBER

C X3 DRAWING NUMBER X3