

ROOF DRAIN/SCUPPER CALCULATION SUMMARY						
ROOF DRAIN DESIGNATION	PRIMARY ROOF DRAIN SQ. FOOTAGE	MINIMUM VERTICAL LEADER SIZE	HORIZONTAL LEADER SIZE	SCUPPER DRAIN DESIGNATION	SCUPPER DRAIN SQ. FOOTAGE	SCUPPER DRAIN SIZE
RD-1	981	3°¢	4"ø@1%SLOPE	A	1,765	4"ø@1%SLOPE
RD-2	1074	3°¢	4"ø@1%SLOPE	В	1,933	6"ø@1%SL0PE
RD-3	1,372	3"ø	4"#@1%SLOPE	С	2,469	6 [™] ø@1%SLOPE
RD-4	1,465	3"ø	4"ø@1%SLOPE	D	2,673	6"# @ 1%SLOPE
RD-5	1,390	3⁵ø	4"ø@1%SL0PE	E	2,502	6"ø@1%SLOPE

NOTE: ROOF DRAINS ARE SIZED ON A 100 YEAR, 60 MINUTE PRECIPITATION RATE OF 4.0 INCHES PER HOUR SCUPPERS ARE SIZED ON A 100 YEAR, 15 MINUTE PRECIPITATION RATE OF 7.2 INCHES PER HOUR.

				DESIGNEDRDM
				DRAWNRDM
				CHECKED
3	RECORD DRAWING	JAN 2006		PROJ. ENGR. H&S
2	CONSTRUCTION	JAN 2004		
1	REGULATORY APPROVAL	NOV 2003		
NO.	ISSUED FOR	DATE	BY	APPROVED

RECORD DRAWING

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EDI

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CITY OF ROANOKE VIRGINIA

REGIONAL WATER POLLUTION CONTROL PLANT ADMINISTRATION AND MAINTENANCE BUILDINGS

MAINTENANCE BUILDING PLUMBING ROOF DRAINAGE PLAN

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THE ORIGINAL	Ĭ
DRAWING.	

BAR	DATE JANUARY 2004				
ONE	H & S JOB NUMBER	30788C			
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