

LEGEND:

- 5555 PROPOSED MAJOR CONTOUR
- 5555 PROPOSED MINOR CONTOUR
- 5555 EXISTING MAJOR CONTOUR
- 5555 EXISTING MINOR CONTOUR
- FLOW ARROWS
- OFFSITE FLOW ARROWS
- PROPERTY LINE
- DRAINAGE BASIN BOUNDARY LINE
- DESIGN POINT

- A-1 BASIN IDENTIFICATION
- 1.94 1.83 1.91 BASIN Q2
- 1.94 1.83 1.91 BASIN Q100
- BASIN AREA (ACRES)

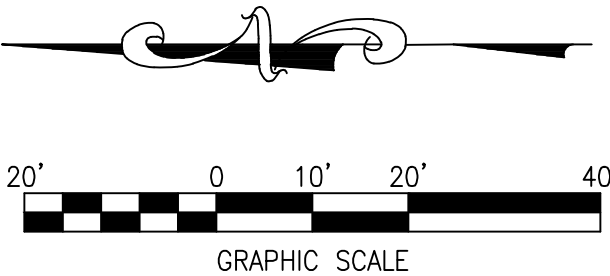
Basin	Land Treatment (ac)			
	A	B	C	D
A-1	0	0	0.08	0.99
A-2	0	0	0.01	0.092
A-3	0	0	0.067	0.9
A-4	0	0	0.12	0

Developed Runoff Summary Table				
	A-1	A-2	A-3	A-4
100 YR PEAK RUNOFF (cfs)	5.25	0.50	4.75	0.41
10 YR PEAK RUNOFF (cfs)	3.52	0.33	3.19	0.24
2 YEAR PEAK RUNOFF (cfs)	2.08	0.20	1.89	0.09

**DRAINAGE NARRATIVE DESCRIPTION**  
THE SITE IS CURRENTLY A BANK WITH LANDSCAPE ISLANDS SEPARATING WYOMING BLVD FROM THE BUILDING. THE SITE GENERALLY SLOPES FROM NORTHEAST TO SOUTHWEST TOWARDS WYOMING BLVD. EXISTING SLOPES WITHIN THE PARKING LOT ARE LESS THAN 3%. EXISTING SIDEWALK SURROUNDS THE SITE TO THE WEST AND SOUTH. THE STORM WATER SHEET FLOWS ACROSS THE SITE AND SPILLS OVER THE SIDEWALK IN THE SOUTHWEST CORNER INTO WYOMING BLVD. THERE IS NO INLET LOCATED WITHIN THE SITE. AN EXISTING INLET IS LOCATED IN WYOMING BLVD APPROXIMATELY 225' SOUTH OF THE PROPERTY LINE.

THE PROPOSED GRADING AND SITE IMPROVEMENTS ARE CONSISTENT WITH THE EXISTING SITE CONDITIONS. DEVELOPED RUNOFF WILL CONTINUE TO FLOW FROM NORTHEAST TO SOUTHWEST, AND DRAIN DIRECTLY INTO WYOMING BLVD. DRAINAGE FROM BASINS A-1, A-2, AND A-3 WILL BE CONVEYED TO THE WYOMING BLVD RIGHT-OF-WAY THROUGH A LANDSCAPE BUFFER. DUE TO THE EXISTING ELEVATION DIFFERENCE BETWEEN THE NORTHEAST CORNER OF THE PROPERTY TO THE SOUTHWEST CORNER OF THE PROPERTY, PROVIDING RAINWATER HARVESTING IS NOT POSSIBLE.


THE PROPOSED SITE WILL INCREASE THE AMOUNT OF PERVIOUS AREA FROM THE EXISTING CONDITIONS, AND DECREASE THE OVERALL DEVELOPED RUNOFF FROM THE PROPERTY TO THE WYOMING BLVD. RIGHT-OF-WAY.





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Revisions:


Mark	Date	By
A1	02/09/2015	

Mark	Date	By
A1		

Mark	Date	By
A1		

Seal



For additional info of  
Merrick & Company

**MERRICK & COMPANY**  
5970 GREENWOOD PLAZA BLVD  
GREENWOOD VILLAGE, CO 80111  
303-751-0741

STORE  
WYOMING BOULEVARD FSU  
S08H-A-WC

2274 WYOMING BLVD. NE  
ALBUQUERQUE, NM

SHEET TITLE

DRAINAGE MAP

VERSION: H-V2  
ISSUE DATE: 11-2014

Job No. : 65118374  
Store : 03484  
Date : 12/15/14  
Drawn By : JD  
Checked By: TDK

Sheet

**DN-1.0**