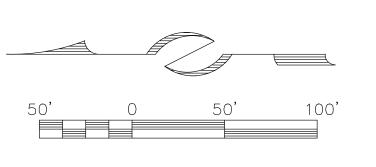
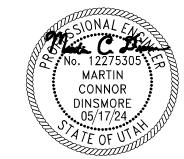


THE EXISTING DETENTION POND IN EMPIRE CANYON, SOUTH OF DALY AVENUE, WAS DESIGNED TO ACCOMODATE INCREASE IN STORMWATER FOR THE ENTIRE EMPIRE PASS DEVELOPMENT. THE DETENTION POND WAS CONSTRUCTED IN THE MID 2000'S. THE POND RECEIVES STORMWATER RUNOFF FROM THE ROCK-LINED STREAM CHANNEL SOUTH OF THE DETENTION POND AS WELL AS A PIPING SYSTEM ALONG THE EXISTING DIRT ROAD FROM EMPIRE CANYON TO THE ONTARIO MINE.

THE EMPIRE PASS MASTER DETENTION POND HAS OUTLET CONTROL STRUCTURES DESIGNED TO RETAIN THE 2 YEAR 24 HOUR STORM FOR WATER QUALITY REQUIREMENTS AND TO DETAIN THE 50 AND 100 YEAR STORM EVENTS WITH OUTFLOW AT PRE-DEVELOPMENT RATES. THE 19,551 CU FT OF EXCESS RUNOFF PRODUCED BY THE SOMMET BLANC DEVELOPMENT WILL BE FULL DETAINED IN THE EMPIRE CANYON DETENTION POND.





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	Aliance Engineering Inc.	N C
	CONSULTING ENGINEERS LAND PLANNERS SURVEYORS	

MICHAEL DEMKOWICZ CONNOR DINSMORE

IFC SET 2 OF 3 STORMWATER CALCULATIONS SOMMET BLANC DEVELOPMENT FOR: SOMMET BLANC RESIDENCES I, LLC JOB NO.: 1-11-18 323 Main Street P.O. Box 2664 Park City, Utah 84060–2664 DATE: 05/17/2024 FILE: X:\Empire\dwg\B2 East Design\B2 East—Civil.dwg

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