WHEN RECORDED, MAIL TO: Utah Department of Transportation Right of Way, Fourth Floor Box 148420 Salt Lake City, UT 84114-8240

ENTRY NO. 01087381

Agreement PAGE 1/8
MARY ANN TRUSSELL, SUMMIT COUNTY RECORDER
FEE 24.00 BY UTAH DEPARTMENT OF TRANSPORTATION

UTAH DEPARTMENT OF TRANSPORTATION DRAINAGE AGREEMENT

Summit County

ax ID No. PCA-S 98-BB

This Drainage Agreement made and entered into this 1 day of MARCH 2018 between Utah Department of Transportation ("Department") and Reduc Park City, LES ("Permitee"), who owns the property described in Exhibit A

STORIED DEER YALLEY, LLC

RECITALS

The Permittee (property owner) desires to construct a drainage system and a drainage connection within the Department Right of Way subject to the requirements and conditions described in the Permit.

Department's Policy 08A-06 requires the Permittee to sign the Drainage Agreement as part of the permitting process for a drainage connection.

The parties agree as follows:

(1) COMPLIANCE: Permittee must comply with the conditions in the permit and applicable state and federal statutes, regulations and rules. The Department may perform inspection of Permittee's drainage system to monitor compliance with the Permit and with state and federal statutes, regulations, and rules. Permittee grants the Department access to the Permittee's property for inspection or to perform any repairs to prevent damage to the Department's Right of Way. The Department's inspection does not relieve the Permittee of its responsibilities in meeting the Permit conditions. The Permittee is responsible for the Department's inspection costs. Permittee's responsibilities include:

Department Drainage Agreement (per UDOT Policy 08A-06) Page 1 of 5

Permittee is responsible for repairing and restoring any portion of the Department Right of Way and drainage systems located therein that may be damaged as a result of making the drainage connection or as the result of any subsequent drainage originating from the Permittee's property.

- Permittee must not increase its drainage discharge into the Department's drainage system without the written permission of the Department.
- A bonded contractor must apply for the required permit to install drainage systems in the Department Right of Way prior to the commencement of any such work.
- The Permittee is responsible to obtain environmental clearances, permits, or other approvals from any other local, state or federal agency that may have regulatory jurisdiction or oversight.
- MAINTENANCE: Permittee's drainage system must at all times be **(2)** maintained, repaired, constructed, and operated by and at the expense of the Permittee. The drainage system will be serviced without access from any interstate highway or ramp. The Department may notify the Permittee of any maintenance requirements if the Permittee fails to maintain the drainage system. The Department reserves the right, without relieving the Permittee of its obligations, to reconstruct or make repairs to the drainage system as it may consider necessary, and the Permittee must reimburse the Department for its cost if the Permittee fails to comply with the Department's written notification and complete the required maintenance.
- FUTURE IMPACTS: The Department has the right to change its drainage (3)system for any future transportation project. If the Department's drainage system is reconstructed or modified, the Department reserves the right to hold the Permittee responsible for the cost to reconnect to the Department's drainage system. The Department is not responsible for any costs the Permittee incurs due to the drainage system being reconstructed or modified.
- LIABILITY: Pursuant to R930-7-6(2)(b), the Permittee is required to guarantee satisfactory performance under this Permit. The Department may proceed against Permittee to recover all expenses incurred by the Department, its employees, or contractors in repairing the sections of roadway damaged by the Permittee or its drainage system, including the failure to restore the Right of Way to Department standards. The Permittee will be liable for all costs the Department incurs under this agreement.

Department Drainage Agreement (per UDOT Policy 08A-96) Page 2 of 5

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The Permittee will indemnify, defend, and hold harmless the Department, its employees, and the State of Utah from responsibility for any damage or liability arising from Permittee's construction, maintenance, repair, or any other related operation of the drainage system pursuant to the Permit issued under this agreement.

The Permittee will not hold the Department liable for damages resulting from any backup or flow into the Permittee's drainage system or property. The Permittee accepts all risks associated with the connection to the Department's drainage system. Rermittee is responsible for all liability resulting from the discharge of pollutants into the Department's drainage system from its property or drainage system.

- CANCELLATION OF PERMIT: Any failure on the part of Permittee to (5)comply with the terms and conditions set forth in the Permit or this Agreement may result in cancellation of the Permit. Failure of the Permittee to pay any sum of money for costs incurred by the Department in association with inspection, reconstruction, repair, or maintenance of the drainage system may also result in cancellation of the Permit. Non-compliance with either the Permit or Agreement may result in the Department removing the drainage system and restoring the righway and Right of Way at the sole expense of the Permittee. The Department will notify the Permittee in writing prior to any cancellation, setting forth the violations, and will provide the Permittee a reasonable time to correct the violations to the satisfaction of the Department. The Department may order the Permittee to remove its drainage system if the violations are not corrected.
- SUCCESSORS AND ASSIGNS: Αll covenants, obligations agreements will be binding upon the parties, their successors and assigns and run with the land as described in Exhibit A until the drainage connection is removed from the Department's Right of Way.

(7)MISCELLANEOUS:

- ∖Each party agrees to undertake and perform all further acts that are reasonably necessary to carry out the intent and purpose of the Agreement at the request of the other party.
- This Agreement does not create any type of agency relationship, joint b) venture, or partnership between the Department and Permittee.
- The failure of either party to insist upon strict compliance of any of the c) terms and conditions, or failure or delay by either party to exercise any rights or remedies provided in this Agreement, or by law, will not release either party from any obligations arising under this Agreement.

Department Drainage Agreement (per UDOT Policy 08A-06) Page 3 of 5

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IN WITNESS WEREOF, the parties hereto have executed this Agreement the day and year first above written.

CURRENT PROPÉRTY OWNER/PERMITT	EE		20	
Name Printed: Deuglas Ogilvy	Signature:	7 al		
JEFF BUTTER WORTH				
State of Utah) MARK ENDERLE		0, (0)	C	
County of	₆ %(c2\(C	
On this 1 tay of 1 have, in the year	20 18 , the	owner of the prop	erty	
personally appeared before me as the signe	r of this agree	ment, who duly		
acknowledged to me that he/she executed the	nis agreement	pursuant to the a	uthority	
delegated to him/her as the current property	owner of said	property. Witnes	s my hand	
and official seal.				
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(NOTARY SEAL):/sc	Notary Pul	olic 🗸		(9)
ESA JANE MIKESELL	,		C	2 (6)
NOTARY PUBLIC; STATE OF UTAH	~ C ⁰ ^(200	
COMMISSION# 895723		>		
COMM. EXP. 06-22-2021				

UTAH DEPARTMENT OF TRANSPORTATION – Region Permits Officer Name (Signature: Printed:

State of Utah)

County of Saltlake

On this 1 day of January, in the year 20 18 other owner of the property personally appeared before me as the signer of this agreement, who duly acknowledged to me that he/she executed this agreement pursuant to the authority delegated to him/her as the current property owner of said property. Witness my hand and official seal.

Notary Public

्र (NOTARY SEAL)

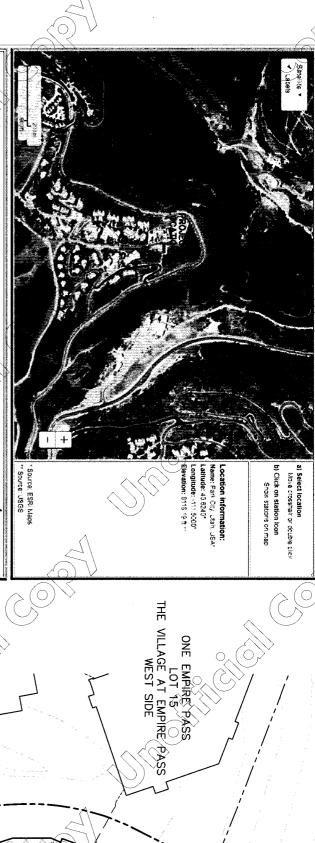
Notary Public State of Utah **Commission # 694014** My Commission Expires arch 23, 2021 , CO (34)

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of Empire Pass North Subdivision,
to this official plat recorded

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in the Summit County Recorders Office The state of the s



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Q=CPCIA STORM RETURN PERIOD: 10, 50 & 100 YEARS TIME OF CONCENTRATION: 10 MIN Q=RUNOFF FLOWRATE [CUBIC FEET/SEC] CP=RUNOFF COEFFICIENT ADJUSTMENT FACTOR

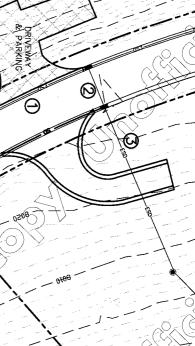
METHOD OF ANALYSIS: RATIONAL METHOD

LOT 2 DEVELOPMENT AREA FLOW RATE CALCULATIONS

SILVER STRIKE CHAIR LIFT TERMINAL

*SINGLE FAMILY DEVELOPMENT IN LOT 1 DOES NOT DRAIN TO MARSAC AVENUE. RUNOFF MILL BE CONTAINED WITHIN REGIONAL DETENTION BASIN PROPOSED LOT 1 LAGE AT EMPIRE PASS NORTH SUBDIVISION 01087381 Page 8 of 8 Summit County

MARSAC CLAIM





PROPOSED LOT 2 VILLAGE AT EMPIRE PASS NORTH SUBDIVISION

LOT /1 YAW JOALIN

-PROPOSED LOT 4
VILLAGE AT EMPIRE PASS NORTH SUBDIVISION





LOT 2 DEVELOPMENT AREA A= 26892 SQ FT = 0.62 ACRES

- EXISTING 24" RCP, SLOPE=1.7%
- EXISTING 24" RCP, SLOPE=1.8%
- **(** EXISTING 18 RCP, SLOPE=20.0%
- ESD -EXISTING STORM DRAIN
- 8 PROPOSED STORM DRAIN

		435) 649-9467 STAFF:	
	JUAN CARRASCO		
LOT 2 - STORMWATER ANAL	VILLAGE AT EMPIRE PASS NOR	UDOT DRAINAGE AGREEMENT	

NOTES:

 $Q = C_pCiA = (1.20)(0.90)(4.21 \text{ IN/HR})(0.62 \text{ ACRES}) =$

2.82 CFS

(3) EXISTING 18" (RCP.) SLOPE 20.0%:

0=(1.49/0.015)(1.76)(0.38^{2/3})(0.20^{1/2}) 0=41.0 CFS

 $Q=(1.49/0.015)(3.14)(0.5^{2/3})(0.018^{1/2})$ Q=26.4 CFS)

ANALYSIS AREA (POST DEVELOPMENT AREA)
C = RUNOFF COEFFICIENT = 0.90

= 0.62 ACRES

2 EXISTING 24" RCP, SLOPE 1.8%

= STORM INTENSITY = 4.21 IN/HR

OT 2 DEVELOPMENT 50 YEAR STORM

LOT 2 DEVELOPMENT (10 YEAR STORM
ANALYSIS AREA (POST DEVELOPMENT AREA) = 0.62 ACRES
C = RUNOFF COEFFICIENT = 0.90

Rh=HYDRAULIC RADIUS [FT]=A/POS=SLOPE

EXISTING 24" RCP, SLOPE=1.7%:

 $Q=(1.49/0.015)(3.14)(0.5^{2/3})(0.017^{1/2})$

A=AREA OF PIPE [SQ FT]=(mD2)
P=WETTED PERIMETER [FT]=(D)

D=PIPE DIAMETER

Q=(1.49/n)(A)(Rh^{2/3})(S^{1/2})
Q=RUNOFF FLOWRATE [CUBIC FEET/SEC]
n=MANNING ROUGHNESS COEFFICIENT (CO

(CONCRETE)=0.015

METHOD OF ANALYSIS. MANNING EQUATION

EXISTING STORMDRAIN FLOW RATE

ANALYSIS

AT EMPIRE PASS NORTH

= STORM INTENSITY = 2.59 IN/HR

 $C_PCiA = (1.00)(0.90)(2.59) N/HR(0.62 ACRES) = 1.45 CFS$

A=AREA [ACRES]

=STORM INTENSITY [INCHES/HR]

C=RUNOFF COEFFICIENT (PAVEMENTS & ROOFS)

ANALYSIS AREA (POST DEVELOPMENT AREA) = 0.62 ACRES

C = RUNORF COEFFICIENT = 0.90

i = STORW/NITENSITY = 5.12 IN/HR $Q = C_PCiA = (1.25)(0.90)(5.12 IN/HR)(0.62 ACRES) = 0.000$

HATCHED LOT 2 DEVELOPMENT BUILDING, PATIO AND DRIVEWAX AREA SHOWN IS PER DESIGN PLANNING STUDY DATED JANUARY 3, 2017 AND ALLIANCE ENGINEERING "UDOT CONDITIONAL AND CONCEPT ACCESS NEEPT BY HART HOWERTON "MARSAC PERMIT" APPLICATION ""

> DEMKOWICZ FOF U' ھے

DATE: 12/19/17

RTH SUB?