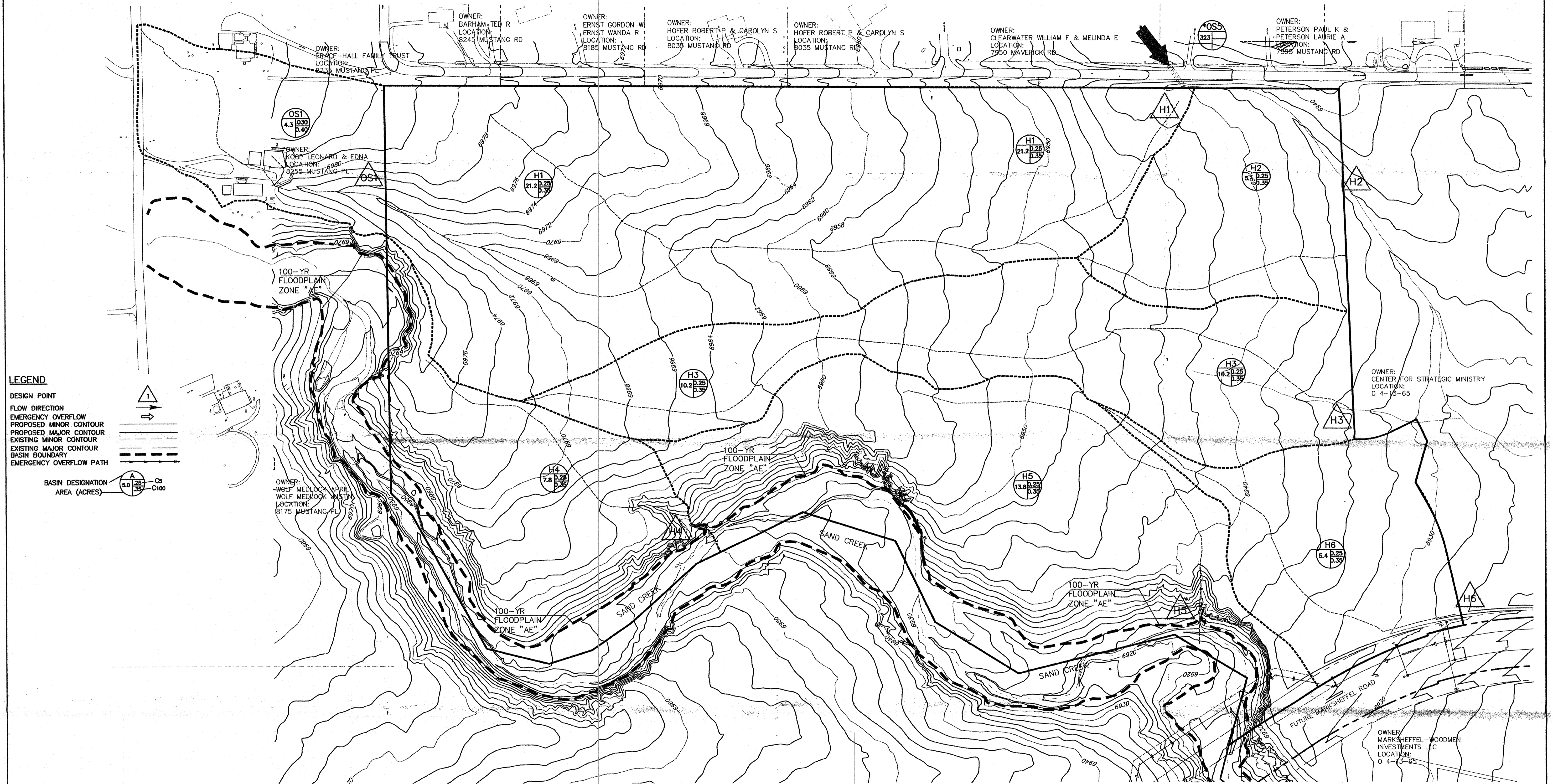


SHILOH MESA PRE- DEVELOPMENT HYDROLOGY MAP DECEMBER 2015



LEGEND

DESIGN POINT
 FLOW DIRECTION
 EMERGENCY OVERFLOW
 PROPOSED MINOR CONTOUR
 PROPOSED MAJOR CONTOUR
 EXISTING MINOR CONTOUR
 EXISTING MAJOR CONTOUR
 BASIN BOUNDARY
 EMERGENCY OVERFLOW PATH

BASIN DESIGNATION
 AREA (ACRES) $\begin{matrix} A \\ 5.0 \\ 25 \\ 35 \\ C-100 \end{matrix}$

BASIN TABLE			
BASIN ID	BASIN AREA (ACRES)	FLOW Q5 (CFS)	FLOW Q100 EST. (CFS)
H1	21.2	10.9	27.1
H2	5.3	3.7	9.2
H3	10.2	5.1	12.8
H4	7.8	5.7	14.2
H5	13.8	9.1	22.8
H6	5.4	3.4	8.4
OS1	4.3	3.8	9.0
*OS5	323.0	72	340

DESIGN POINT TABLE		
DESIGN PT.	PEAK Q5 (CFS)	PEAK Q100 (CFS)
H1	72.0	365.5
H2	84.4	370.7
H3	5.1	12.8
H4	5.7	14.2
H5	9.1	22.8
H6	3.4	8.4
OS1	3.8	9.0

*OS5
 PEAK FLOWRATES REFERENCED FROM THE MDDP FOR WOODMEN HEIGHTS MASTER PLAN. FLOWS FROM REF'D BASIN *OS5 ADDED TO DESIGN POINTS H1 & H2. Tc VALUES ASSUMED TO BE COINCIDENTAL.
 NOTE: FLOWS FROM REF'D BASIN *OS5 ADDED TO H1 & H2. Tc VALUES ASSUMED TO BE COINCIDENTAL.

NORTH
 1" = 100'

SHILOH MESA
 PRE DEV. HYDROLOGY MAP
 MS JOB NO. 08-026
 DATE PREPARED: SEPT. 6, 2014
 PLOT DATE: APRIL 2, 2015

FOR LOCATING & MARKING GAS, ELECTRIC, WATER & TELEPHONE LINES
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AR PUD 14-00692



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 COLORADO 80903
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 F 719.444.8427

SHILOH-MESA PRE- DEVELOPMENT HYDROLOGY MAP			
PROJECT NO.	DESIGNED BY:	SCALE	DATE:
08-026	VAS	1"=100'	6/08/2015
FILE: O:\08026\DWG\DEVELOPMENT\Drainage.dwg	DRAWN BY:	VERT: N/A	SHEET 1 OF 3
	ET		HM
	CHECKED BY:		
	VAS		