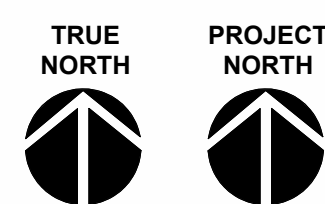
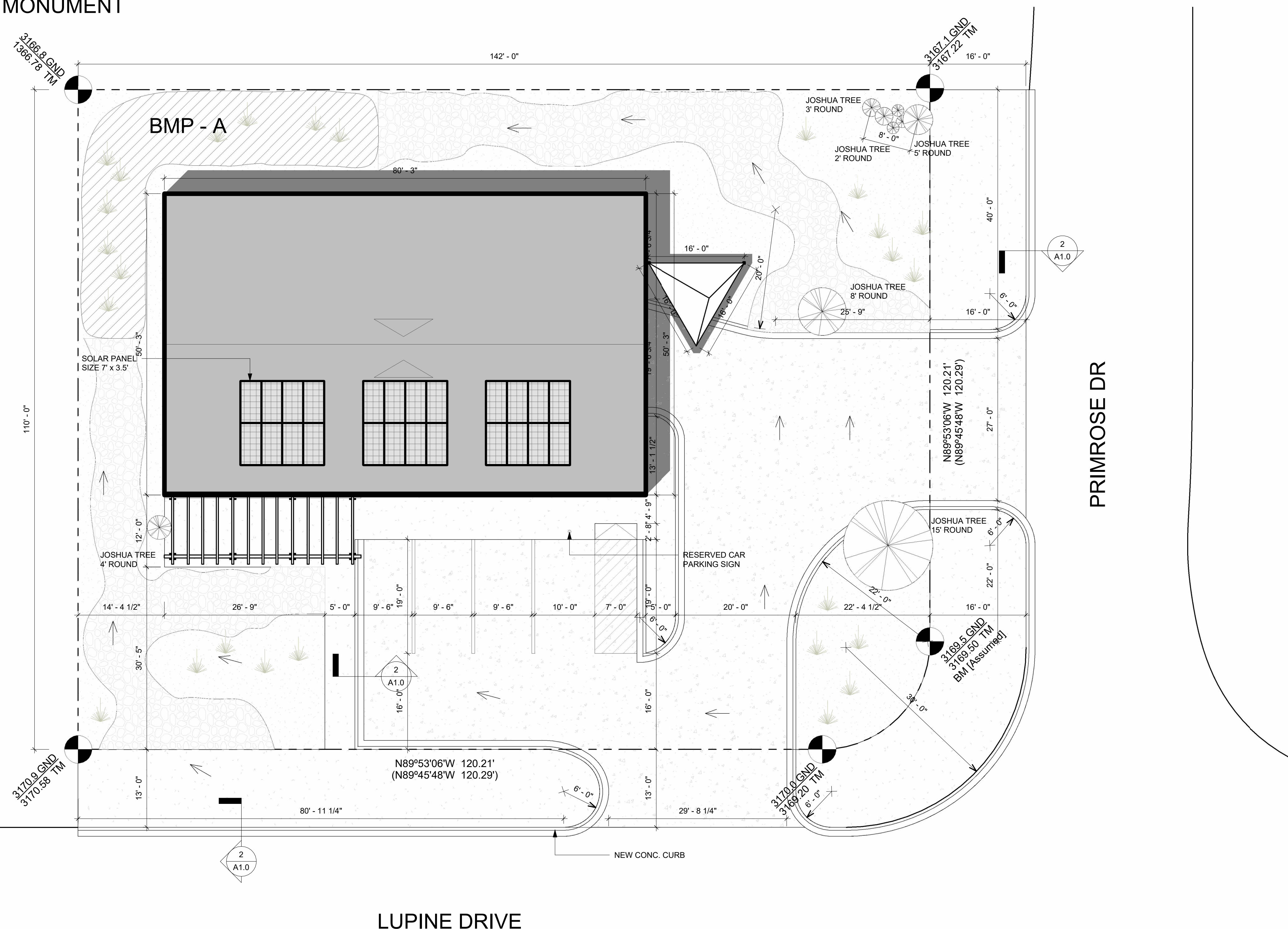


VOLUME REQUIRED						
Drainage management AREA (DMA)	DMA AREA (acres)	Impervious AREA Post - Const. (acres)	Landscape Area (acres)	Project Impervious	DCV Volume Required (CF)	100 yr - Volume Required (CF)
DMA - A	0.35	0.17	0.18	0.52	786	340
					1,126 (CF)	



CORNER MONUMENT



1 PRELIMINARY DRAINAGE / GRADING PLAN
1" = 10'-0"

VOLUME PROVIDED					
Proposed Retention Facility name	Proposed Retention Basin Area (SF)	Depth of retention Basin (ft)	Excavated Volume (CF)	Porosity of Retention Basin	Water Quality Volume within Retention Basin (CF)
BMP - A	300	3.5	1,050	0.35	368

SYMBOL	DESCRIPTION
	FLOW PATTERN
	BMP - A BIS RETENTION BASIN



PROJECT NAME
LIVE/ WORK AND DESIGN OFFICE

LOCATION
57392 PRIMROSE DRIVE
YUCCA VALLEY,
CALIFORNIA 92284

NAME OF DEVELOPMENT
Henry Barton Hill, MS, PE

DEVELOPER/OWNER
Henry B. Hill

ENGINEER
Henry Barton Hill, MS, PE

INFORMATION



REVISIONS		
MARK	DATE	DESCRIPTION

SHEET TITLE
PRELIMINARY
DRAINAGE / GRADING
PLAN
DATE
11/06/2023

SHEET NUMBER

GD1.1

