

DRAINAGE CALCULATIONS:										
PRECIPITATION ZONE 2										
DESIGN STORM: (IN)				1hr	6hr	24hr	4day	10day		
				2.01	2.35	2.75	3.30	3.95		
EXISTING CONDITIONS - ENTIRE SITE:										
LAND TRMTNT	AREA (ACRE)	AREA %	P6	Q (CFS/AC)	Q (CFS)	V6 (CF)	V24 (CF)	V4day (CF)	V10day (CF)	
A	0.000	0%	0.53	1.56	0.00	0	0	0	0	
B	0.387	100%	0.78	2.28	0.88	1,096	1,096	1,096	1,096	
C	0.000	0%	1.13	3.14	0.00	0	0	0	0	
D	0.000	0%	2.12	4.70	0.00	0	0	0	0	
TOTALS	0.387	100%			0.88	1,096	1,096	1,096	1,096	
PROPOSED CONDITIONS:										
LAND TRMTNT	AREA (ACRE)	AREA %	P6	Q (CFS/AC)	Q (CFS)	V6 (CF)	V24 (CF)	V4day (CF)	V10day (CF)	
A	0.000	0%	0.53	1.56	0.00	0	0	0	0	
B	0.232	60%	0.78	2.28	0.53	657	657	657	657	
C	0.000	0%	1.13	3.14	0.00	0	0	0	0	
D	0.155	40%	2.12	4.70	0.73	1,193	1,418	1,727	2,093	
TOTALS	0.387	100%			1.26	1,850	2,075	2,384	2,750	
POND VOLUME:										
CONTOUR 5206.15			AREA	=	2185 SF					
			AVG DEPTH	=	0.95 FT					
			VOLUME	=	2075 CF					
FIRST FLUSH VOL: .44"/12 x 6750 SF				=	248 CF					
248 CF < 2075 CF POND										

CURVE INFORMATION				
CURVE NO.	RADIUS	LENGTH	CENTRAL ANGLE	CHORD
C1	521.40'	115.00'	12° 38' 14"	S 62°53'29" E, 114.77'

LEGEND

---	5210	---	EXISTING CONTOUR
---	5210	---	PROPOSED CONTOUR
---	---	---	PROPERTY LINE
5216.5'			PROPOSED SPOT ELEVATION
→			FLOW DIRECTION
F.G.			FINISHED GRADE
INV.			INVERT
T.O.			TOP OF CONCRETE
FL			FLOW LINE
FF			FINISHED FLOOR
PP			POWER POLE
T.O.G.			TOP OF GRATE

GENERAL NOTES

THE BUILDING FINISH FLOOR ELEVATION OF 100'-0" IS EQUAL TO THE SITE ELEVATION OF 5206.83'

CARE SHOULD BE TAKEN TO MINIMIZE DAMAGE TO EXISTING TREES, GRADE, AND FOLIAGE AROUND BUILDING FOOTPRINT. CONSTRUCTION TRAFFIC AROUND THE SITE IS TO BE MINIMIZED.

EXTERIOR LIGHTING SHOULD BE SCREENED MINIMUM OF 15 DEG FROM HORIZON TO MINIMIZE NIGHT SKY POLLUTION - ADDITIONALLY ANY EXTERIOR LIGHTING IS TO SHIELD LUMINARE LIGHT SOURCES FROM VIEW.

CONTRACTOR RESPONSIBLE FOR ALL PERMITS, INSPECTIONS, AND TESTS REQUIRED.

SEE ADDITIONAL NOTES ON A-601.



Legal Description

Lots numbered Twelve (12) and Thirteen (13), in Block numbered Eight (8), of La Resolana Addition, as the same are shown and designated on the plat thereof, filed in the Office of the County Clerk of Bernalillo County, New Mexico, on December 9, 1946, in Plat Book D00, page 105.

Area Summary

CONDITIONED:	
UPPER LEVEL (NOT INCLUDING 410 SF OPENING TO BELOW)	1,159 SF
LOWER LEVEL	3,178 SF
CONDITIONED SUBTOTAL:	4,337 SF

UN-CONDITIONED:	
UPPER LEVEL (GARAGE, MECHANICAL, ELEVATOR)	1,245 SF
LOWER LEVEL (ELEVATOR)	39 SF
UN-CONDITIONED SUBTOTAL:	1,284 SF

TOTAL BUILDING FOOTPRINT:	4,005 SF
SITE AREA:	0.36 ACRE

Drawing Index

	COVER SHEET
1- T-001	SITE & ROOF PLAN / PROJECT INFORMATION
2- AS101	GENERAL NOTES
3- G-001	STRUCTURAL GENERAL NOTES
4- SG001	FOUNDATION & FLOOR FRAMING PLAN
5- S-001	FLOOR FRAMING PLAN
6- S-111	ROOF FRAMING PLAN
7- S-112	REFERENCE FLOOR PLAN - LOWER LEVEL
8- A-101	REFERENCE FLOOR PLAN - UPPER LEVEL
9- A-102	EXTERIOR ELEVATIONS
10- A-201	BUILDING SECTIONS
11- A-301	WALL SECTIONS
12- A-311	WALL SECTIONS
13- A-312	WALL SECTIONS
14- A-313	WALL SECTIONS AND DETAILS
15- A-314	INTERIOR ELEVATIONS
16- A-401	DETAILS
17- A-501	DETAILS
18- A-601	WINDOW & DOOR SCHEDULES & DETAILS
19- AE101	POWER AND LIGHTING FLOOR PLAN - LOWER LEVEL
20- AE102	POWER AND LIGHTING FLOOR PLAN - UPPER LEVEL

ENGINEERS CERTIFICATION

I, MIKE WALLA NMPE 11030, OF THE FIRM WALLA ENGINEERING, LTD., HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 6-9-16. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED FROM ANDREW S. MEDINA NMPS #12649 OF SANDIA LAND SURVEYING, LLC. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 4-13-18 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE SURVEY DATA PROVIDED IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR CERTIFICATE OF OCCUPANCY. THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THE PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.



"CASA DE LA TIERRA"
DAVIS RESIDENCE
4214 AVENIDA LA RESOLANA
ALBUQUERQUE, NM 87110



ISSUE:
CONSTRUCTION
SET

DRAWN BY: KDB
CHECKED BY: EDI
DATE: 2016.03.17

REVISIONS
06.29.16
OWNER REVISION

SITE/ROOF PLAN
PROJECT
INFORMATION

12025
AS101
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