

Earthwork Quantities					
	Cut	Fill	Net	Max Cut	Max Fill
Buildings + 5 Feet					
Admin Office	1 cy	92 cy	91 cy (fill)	0.50'	1.67'
Maintenance	0 cy	104 cy	6 cy (cut)	1.50'	1.67'
Caretaker's Residence	0 cy	81 cy	46 cy (fill)	0.00'	1.00'
Kitchen/Dining	68 cy	511 cy	443 cy (fill)	3.00'	4.50'
Volunteer's Residences	104 cy	121 cy	17 cy (fill)	2.50'	1.50'
Women's Residences	89 cy	438 cy	349 cy (fill)	3.00'	2.50'
Men's Residences	225 cy	626 cy	401 cy (fill)	5.50'	5.00'
Meditation Hall	345 cy	618 cy	273 cy (fill)	7.00'	4.00'
Teacher's Residence	51 cy	34 cy	17 cy (cut)	2.50'	2.50'
Building Permit Total	883 cy	2,625 cy	1742 cy (fill)		
Site Grading					
Admin Office	0 cy	4 cy	4 cy (fill)	0.00'	1.00'
Maintenance	0 cy	26 cy	26 cy (fill)	0.00'	1.00'
Caretaker's Residence	0 cy	0 cy	0 cy	0.00'	0.00'
Kitchen/Dining & Volunteer's	366 cy	363 cy	3 cy (cut)	3.00'	4.50'
Women's Residences	254 cy	578 cy	324 cy (fill)	3.00'	2.50'
Men's Residences	487 cy	771 cy	284 cy (fill)	5.50'	5.00'
Meditation Hall	15 cy	88 cy	73 cy (fill)	3.00'	1.00'
Teacher's Residence	0 cy	0 cy	0 cy	0.00'	0.00'
Water Tanks	66 cy	6 cy	60 cy (cut)	5.50'	1.00'
Access Road	948 cy	138 cy	810 cy (cut)	6.25'	4.50'
Main Entrance & Roundabout	406 cy	0 cy	406 cy (cut)	1.67'	0.00'
Parking Lot	761 cy	19 cy	742 cy (cut)	1.67'	1.50'
Retention Ponds	432 cy	0 cy	432 cy (cut)	4.00'	0.00'
Grading Permit Total	3735 cy	1993 cy	1742 cy (cut)		

Note: Total earthwork quantities do not include earthwork from buildings.
Earthwork from buildings plus 5 feet is covered under the building permits.

Drainage Notes:

- All drainage inlets (DI) in the roadway shall be 24" square inlets made of concrete with traffic rated grates
- All pipes connecting DIs in the roadway shall be a minimum of 12" HDPE pipes.
- All Dis located outside the roadway shall be 12" square inlets unless otherwise noted.
- All swales shall have rip rap pad dissipaters at the terminus.

Applicant/Owner:

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Engineer:

William J. McClintock, RCE 24893
MH Engineering
16075 Vineyard Blvd.
Morgan Hill, CA 95037
408.779.7381
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Project Information:

APN 756-30-024
Present Use: Vacant
Proposed Use: Camps and Retreats
Present Zoning: HS-sr
Proposed Zoning: HS-sr
Sanitary Sewer: Proposed Septic
Gas and Electric: PG&E
Water: Existing well
Telephone: As Shown
Existing Improvements: 54.59 ac
Area:

Boundary Note: Property lines shown on this plan are based on record data and boundary monumentation measured to date.

Flood Zone: The property lies wholly in Zone D, areas in which flood hazards are undetermined, but possible, per FEMA Firm Panel 06085C0618H, effective May 18, 2009.

Basis of Bearings: The bearings shown on this map are based on the centerline of Redwood Retreat Road as found monumented and recorded as South 67° 34' 00" East, on that Parcel Map thereof recorded in Book 578 of Maps at Page 4, Santa Clara County Records.

Benchmark: Elevations shown on this plan are based GPS. (NAVDB8)

Tree Note: No trees are to be removed.

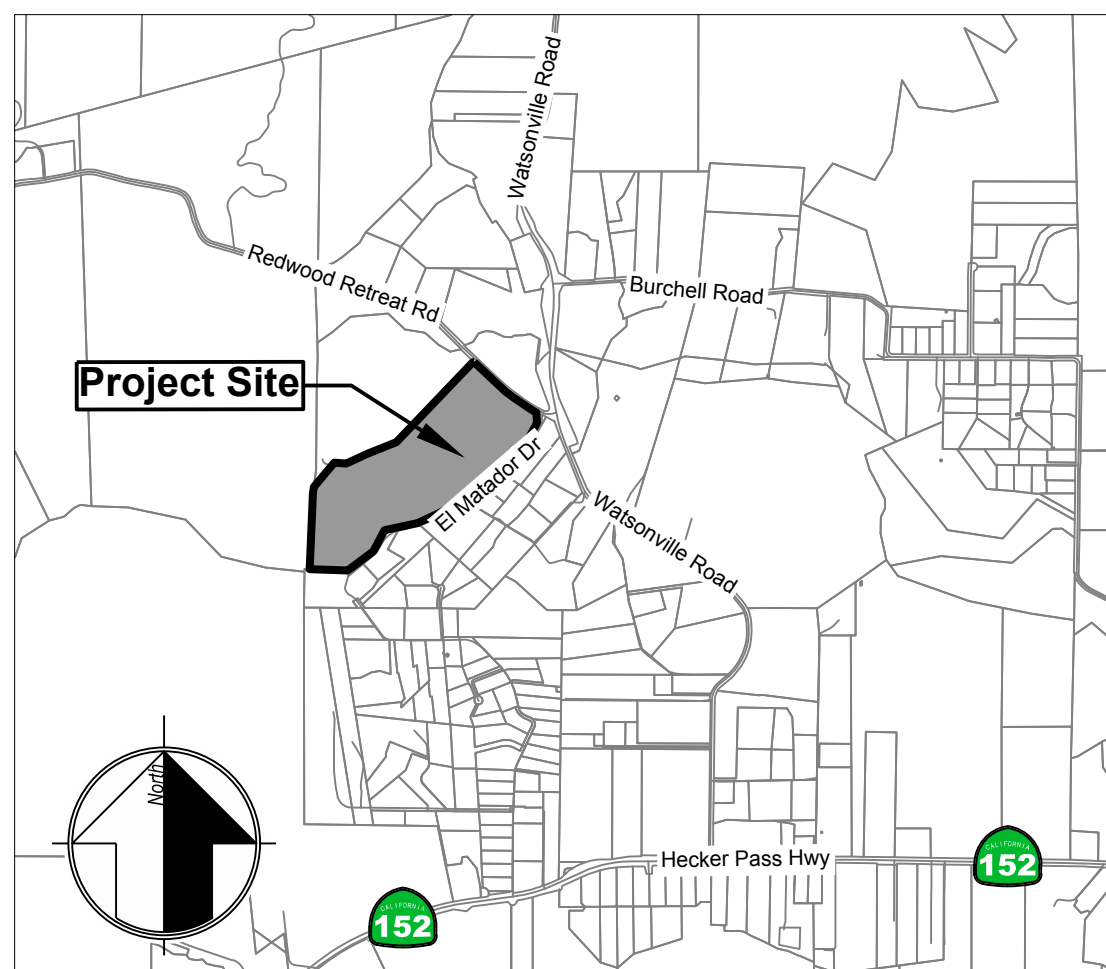
Grading Area of Disturbance = 305,007 SF

Fire Notes:

- All driveways and access roads to meet County standard SD1.
- All driveways, access roads, and parking lots to be made of an all weather surface capable of supporting 75,000 pounds and have a maximum slope of 16%.
- Water tanks to have a maximum height of 12 feet and meet standards set in CFMO W2 & W5. Tanks greater than 12 feet in height will require a separate building permit.
- Fire hydrants shall meet standards set in CFMO-W2

Impervious Area Summary

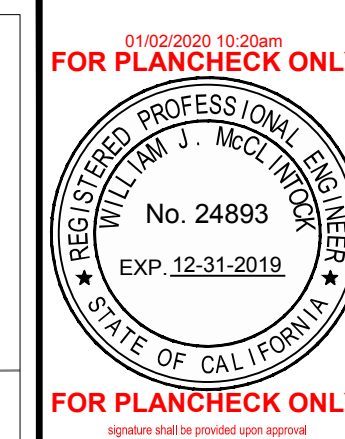
Administration Office	2,398 SF
Maintenance Building	2,795 SF
Caretaker's Residence	1,338 SF
Kitchen and Dining Hall	8,630 SF
Volunteer's Residences (2)	6,810 SF
Women's Residences (4)	13,620 SF
Men's Residences (4)	13,620 SF
Meditation Hall and Bathrooms	14,721 SF
Teacher's Residence	2,458 SF
Driveway	46,053 SF
Total New Impervious Area	112,443 SF



Vicinity Map

LEGEND

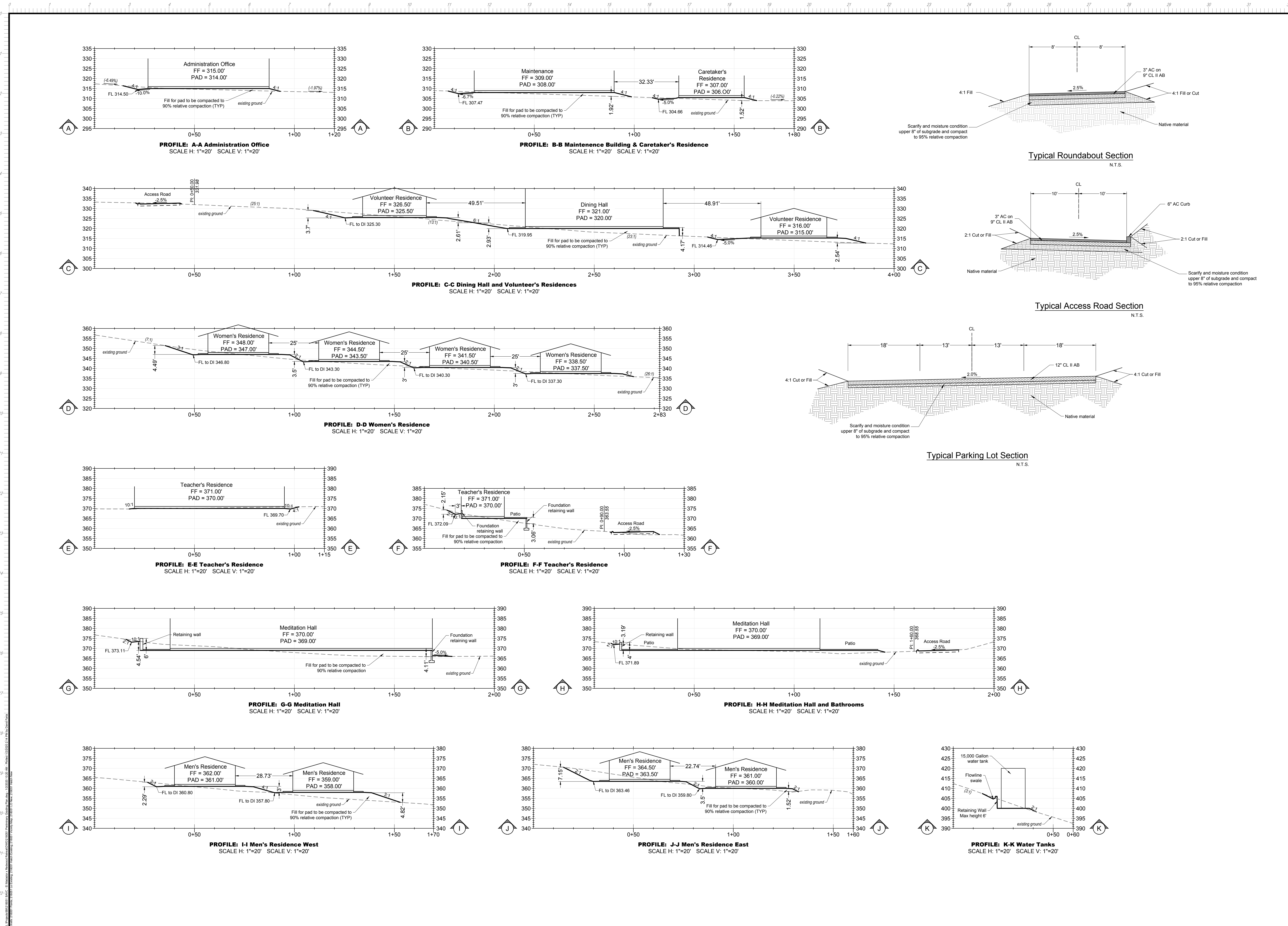
	(ex building)
	(ex pavement)
	Proposed Structure
	Proposed Pavement
	Proposed Concrete
	Proposed Aggregate Base
	Limits of Grading
	Existing Contour
	Proposed Contour



MH engineering Co.
16075 Vineyard Boulevard
Morgan Hill, CA 95037

BAVC - Preliminary Grading Plan
9201 El Matador Dr - APN 756-30-024

DATE:	1/2/2020
SCALE:	1" = 60'
DRAWN BY:	DF
CHECKED BY:	WJM
JOB NO:	218051
SHEET	1
OF	2



01/20/2020 12:20 PM
FOR PLANCHHECK ONLY

REGISTERED PROFESSIONAL ENGINEER
WILLIAM J. MCCLINTOCK
No. 24893
EXP. 12-31-2019
STATE OF CALIFORNIA
FOR PLANCHHECK ONLY
signature and seal are subject to audit

MH engineering Co.

16075 Vineyard Boulevard
Morgan Hill, CA 95037

BAVC - Sections and Details

9201 El Matador Dr - APN 756-30-024

DATE: 1/20/2020
SCALE: 1" = 20'
JOB NO: 218051
SHEET 2
OF 2

DRAWN BY: DF
CHECKED BY: WJM