

Redlands Mesa Grange Outdoor/BBQ Pavilion

B Willits
Mar/May/July 2023
Rev B -- Aug 2023

RMG Site Overhead Arrangement Diagrams

Redlands Mesa Grange #487 Property Map – Outdoor Pavilion



Current GIS Image RMG #487 and Redlands Mesa VFD – Showing proposed & Doug Fritz endorsed, storage building relocation

Current property layout - Storage Shed (Overland / RMWUA) "current location" & "proposed location"

Redlands Mesa Grange #487 Property Map – Outdoor Pavilion



Current GIS Image RMG #487 and Redlands Mesa VFD – Showing RMG BBQ & Outdoor Pavilion “Pad” Location. Note:

Current property layout - Storage Shed (Overland / RMWUA) "current location" & Approximate Location of RMG BBQ & Outdoor Pavilion Site

Note: Motor boat hulk & telephone pole have been removed to Willits' Ranch LPoH ~06/22



3/15/2023, 6:59:06 AM

Tax Parcels	Private	WEST_9IN_19.sid	EAST_9IN_19.sid	CENTRAL_9IN_19.sid
TOWN BOUNDARIES	Rivers, Streams & Ditches	Red: Band_1	Red: Band_1	Red: Band_1
DELTA COUNTY	Lakes	Green: Band_2	Green: Band_2	Green: Band_2
ROADS	LABELS FOR PARCELS	Blue: Band_3	Blue: Band_3	Blue: Band_3
Roads in Delta Co.	ADDRESS POINTS			

Maxim, Microsoft, Delta County Colorado, Delta County GIS

Current GIS Image RMG #487 and Redlands Mesa VFD – Showing RMG BBQ & Outdoor Pavilion “Pad” & Temporary Canopy Structure Locations. Note: Boat Hull & Telephone Pole Removed ~06/22

Current property layout - Approximate Location of RMG BBQ & Outdoor Pavilion Site

AND

- 1) A Location, adjacent to the Pavilion structure, to erect low-cost posts on which to fasten and hang **'Temporary'** Sun Shade Sails - Rectangular, Square, or tbd. See pp 8-9 for pricing and source of supply. See the concept depicted in the graphic above i.e.,



RMG BBQ & Outdoor Pavilion Site Preparation

Telecom, Lance Rundle, VP Rundle Construction Inc,
4354 Rimrock Rd
Hotchkiss, CO

970.361.6282

Discussed pavilion location and site preparation. I consider the site for the pavilion as a 'low spot' on the RMG/Redlands VFD site. Understanding is that the site for the RMG Hall was 'raised' and prepared for the building using fill dirt/material. This preparation, according to notes and records resulted in flooding of the Redlands VFD building, until the fire dept dug and runoff trench to the north of the VFD building.

The level of the site for the pavilion, relative to the level of the surrounding property, needs to be evaluated. This can be accomplished fairly simply by use of handheld GPS and some stakes, posts and cord. A more accurate assessment can be accomplished using a surveyor transit.

For discussion and estimation purposes, I proposed that the pavilion site, approximate 23' X 23' plus would need 3-4 yards of fill. Lance stated he is familiar with the RMG/VFD site, as he rented the RMG Hall for a reception event

Lance recommended that if we do not have a ready source for fill dirt and rock/concrete debris, that we use 3/4" road base. He estimates a dump truck or large dump trailer to haul and dump. His company uses

a) Delta Sand & Gravel Co
931 CO-92 Delta, CO

b) Delta Paving Gravel Pit, of Elam Construction, tbd
tbd Hwy 65 Delta, CO

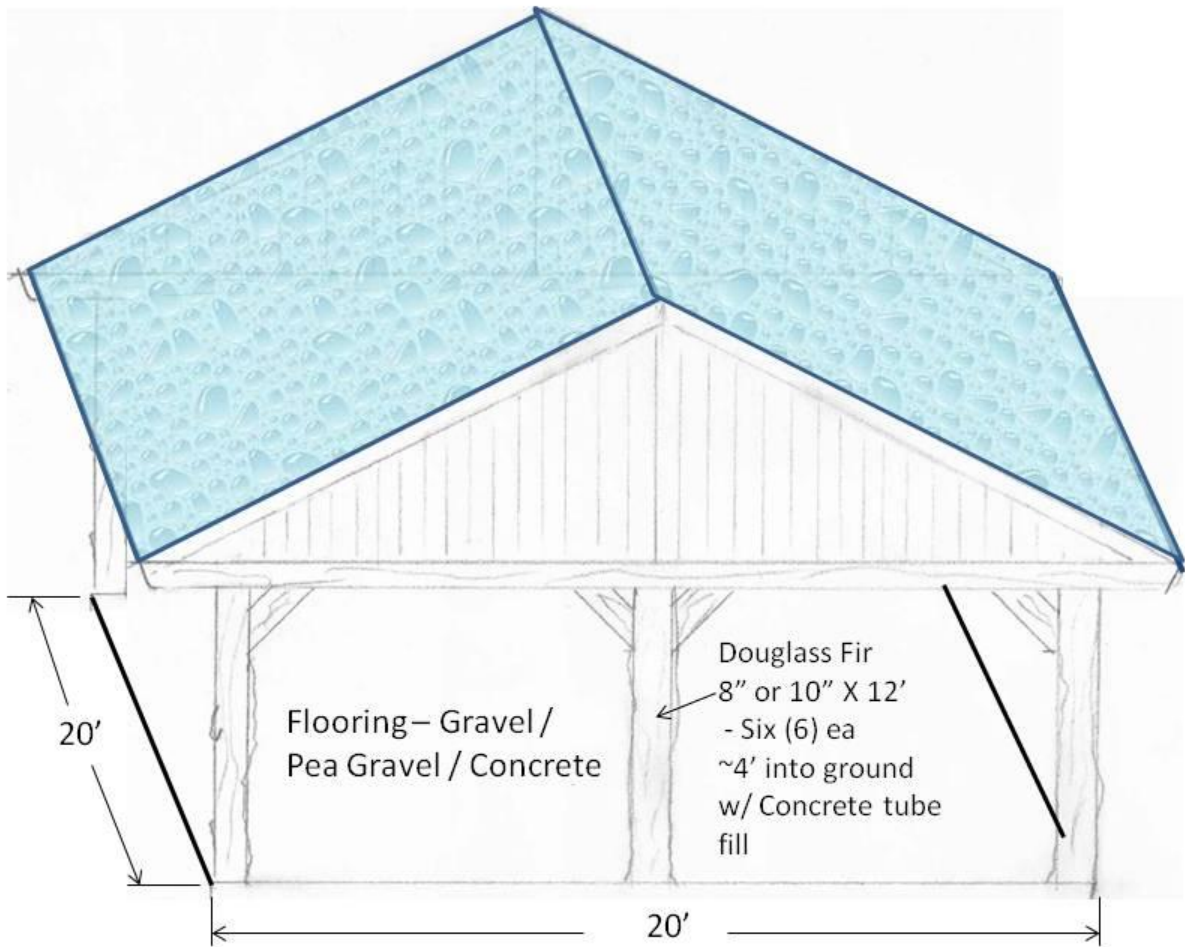
c) Others, tbd

Lance provided a non-binding estimate for the pavilion site footprint, per my draft inputs, as less than \$1,000 (he seemed to suggest a figure closer to \$800 +/-

Ref:

<https://www.linkedin.com/in/lance-rundle-6b975684/>

Redlands Mesa Grange Outdoor Pavilion - Original Concept Design / Updated Sketch



Upright Posts [Doug Fir] Planted Below Ground [Below Frost Line ~46" to 54"]





Note: Upright posts to be Douglas Fir peeled logs, treated with protective outdoor wood preservative. Use Concrete tube forms as footing.

Pavilion Design Modifications to Consider

Pavilion Roof Vent



A roof vent a) complicates the roof design and construction, b) allows for better ventilation, cooling, dissipation of grilling smoke

		Top Rated 	
SAKRETE 8 in. x 48 in. Concrete Form Tube	SQUARE FOOT 22 in. x 16-1/2 in. x 22 in. Plastic Concrete Footing Form	Redi Base 8 in. x 24 in. Disposable Plastic Footing for In- Ground Concrete Column	SAKRETE 10 in. x 48 in. Concrete Form Tube
★★★★★ (298)	★★★★★ (107)	★★★★★ (49)	★★★★★ (73)
\$12²⁸	\$19²³	\$25²⁰	\$13⁸⁸

Concrete Tube Forms for upright post footing - six (6) ea. **Note: 12" Dia x 48" est \$16**



Outdoor Solar Lights

Roll over image to zoom in

Solar Lights Outdoor, 3 Head Solar Motion Lights Outdoor with 2500LM 218 LEDs High Brightness, Built-in Bigger Tempered Glass Solar Panel, Sensitive PIR Motion Inductor(2-Pack)

Brand: MIHANI
 4.4 ★★★★★ 3,417 ratings | 115 answered questions
Amazon's Choice for "solar flood light"

Deal
 Typical price: ~~\$43.95~~ Details
 Deal Price: **\$27.99**
FREE Returns
 You Save: \$15.96 (36%)

S Best price S+

Size: 2 pack

2 pack	1 pack
\$27.99	\$27.99

Brand MIHANI

Color Black

Material Tempered Glass

Light fixture form Path

Room Type Garage

[← Back to results](#)

Aootek New Solar Lights 120 LEDs with Lights Reflector, 270° Wide Angle, IP65 Waterproof, Easy-to-Install Security Lights for Front Door, Yard, Garage, Deck (4 Pack)

Visit the Aootek Store
 4.5 ★★★★★ 40,197 ratings | 488 answered questions
Amazon's Choice for "solar lights for outside"

Price: **\$35.99** (\$9.00 / Count)
FREE Returns

Coupon: ✓ 40% coupon applied to one item per order at checkout. [Shop items](#) | [Terms](#)

S Best price S+

Eligible for Return, Refund or Replacement within 30 days of receipt

Color: **Black**

Brand Aootek

Color Black

Material Plastic

Style Classic

Light fixture form Wall

Other - Miscellaneous



Roll over image to zoom in

Artpuch Sun Shade Sail Canopy 10'x10'x10' Sand Cover for Patio Outdoor, 185GSM Triangle Backyard Shade Sail for Garden Playground

Visit the Artpuch Store
 4.5 ★★★★★ 12,722 ratings | 269 answered questions
 #1 Best Seller in Shade Sails

Price: **\$19.30**
 FREE Returns


Best price **S+**

Only 1 left in stock - order soon

Color: Sand



VIDEOS




Artpuch 10' x 13' Shade Sails 185GSM Rectangle Shade Sail UV Block for Patio Garden Outdoor Facility

Visit the Artpuch Store
 4.5 ★★★★★ 12,722 ratings | 269 answered questions
 Amazon's Choice for "shade sail"

Price: **\$31.99** (\$0.25 / Sq Ft)
 FREE Returns

Color: Sand



Size: 10'x13'

10'x13'	4'x4' Customized	4'x4'x4' Customized	4'x6' Customized	4'x8' Customized	4'x10' Customized
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VIDEOS

Sun Shade Sale - Sun Break or Canopy for Play and/or Work Area "Adjacent to" the Pavilion

Supply Sources

Sun Shade Sails

- Amazon

https://www.amazon.com/gp/product/B09TPBLDCZ/ref=ox_sc_saved_image_1?smid=A2L77EE7U53NWQ&psc=1

https://www.amazon.com/gp/product/B074NHPRY7/ref=ox_sc_saved_image_6?smid=A26S9YHYFUO2V6&th=1

Beams / Posts / Lumber

1) Redemption Mill Hotchkiss
1208 HWY 92, Hotchkiss, CO

<https://www.facebook.com/redemption.mill.hotchkiss.co/>

<https://redemptionmill.us/>

I called/contacted for pricing "estimate only" on doug fir logs, NOT a quote. The company did not seem to have a stock of doug fir logs, said to call when I was "ready to order"

2) BVR Enterprises LLC

<https://www.bvrsawmill.com/products>

Lumber Products

Timbers

High quality cut to order
Dimensional rough cut lumber

Custom Cutting

Stairs, Corbels, Mantles, Timber Jointery

Millwork

Tongue and Groove, Baseboard and Casing, Crown Moulding

Firewood and Shavings

We specialize in milling locally harvested timber products including, douglas fir, pine, and aspen. We get our logs from local suppliers who harvest the majority of the timber on the Grand Mesa or Uncompahgre Plateau.

We also work with local tree trimming services to do urban logging. If you have trees you want removed we can have them delivered to us to be turned into beams, siding, flooring, ect.

Douglas Fir & Pine

Dimension Price (per LF)

1x4 \$0.50

1x6 \$0.75

1x8 \$1.00

1x10 \$1.30

1x12	\$2.00
2x4	\$0.60
2x6	\$1.20
2x8	\$1.50
2x10	\$2.50
2x12	\$3.75
4x4	\$1.75
4x6	\$2.25
4x8	\$3.25
4x10	\$4.50
4x12	\$7.00
6x6	\$3.25
6x8	\$5.00
6x10	\$6.75
6x12	\$10.50
8x8	\$7.00
8x10	\$11.40
8x12	\$13.50
10x10	\$14.20
10x12	\$16.90
12x12	\$21.00