



Western Museum of Mining & Industry (WMMI)

WMMI parking and traffic management plans (3.1)

Please read these comments about our packet of information (Summary table and KEY; plus site map overlays) about our **campus parking** locations and capacities. Our parking areas are dirt (road base) surfaces or open fields (pre-disturbed by 120 years of activity). While we use a combination of temporary “barriers” and “permanent” fences to define the parking lots, they also have natural limits like hill sides. The packet includes a series of overlays to show general location and shape of the areas, dimensions and capacities, and orientation within our natural & man-made surroundings. The site maps show our many out-buildings, few roadways and natural features. The summary table (3.1) lists the buildings and parking areas with information about them such as: dimensions, names, labels and more. We trust this packet will provide sufficient information to meet your needs to recommend approval.

Packet includes:

Vicinity Map / General location (showing boundaries, neighbors, roads, etc.)

Explanation of parking and traffic management plan

Satellite plan view of site; floodplain, creek, septic, parking (with scale)

Summary Table 3.1 of WMMI Campus Layout (buildings, lots)

Sketch 1 – Campus layout – parking

Sketch 1b – Campus layout - buildings

Sketch 2 – Dimensions and capacity of parking areas (M & O)

Sketch 3 – Dimensions and capacity of parking areas (Q & L)

Sketch 4 – Dimensions and capacity of parking areas (P & N)

Sketch 5 – General event traffic flow on campus

Sketch 6 – Existing entry and exit traffic plan

Sketch 7 – Enlarged/Detailed entry & exit plan



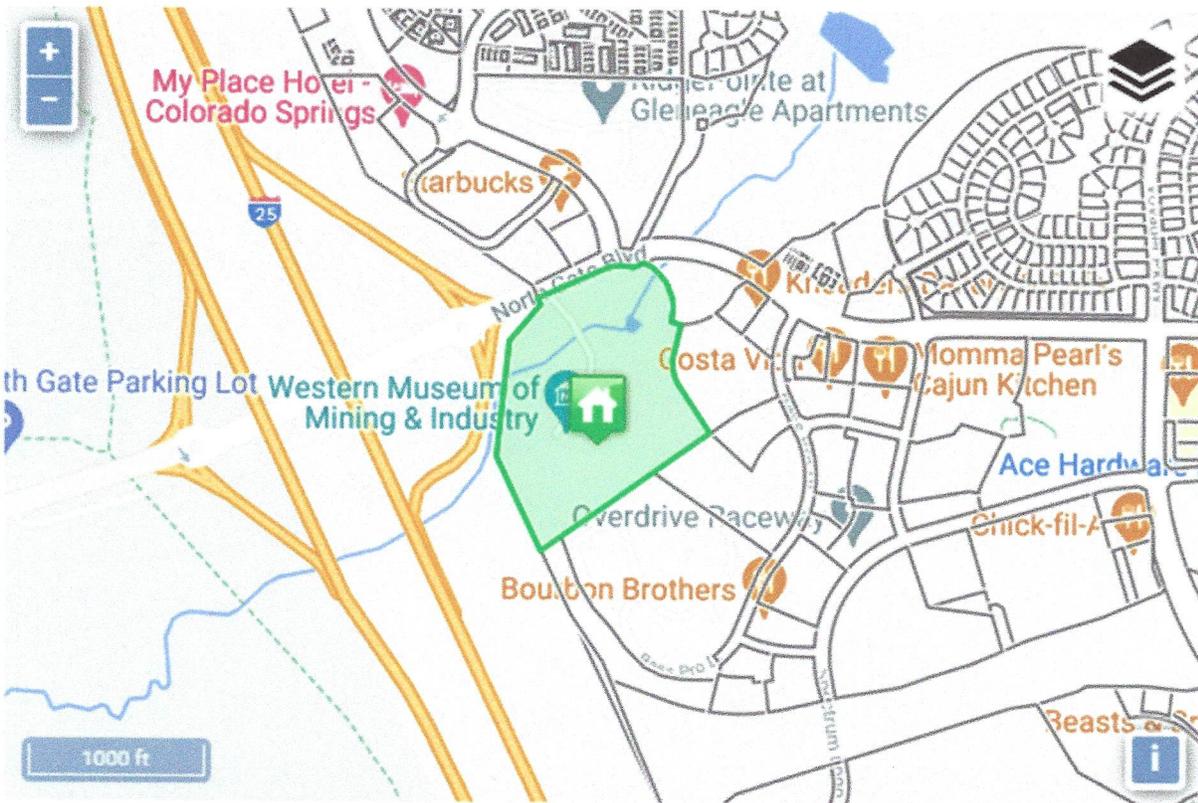
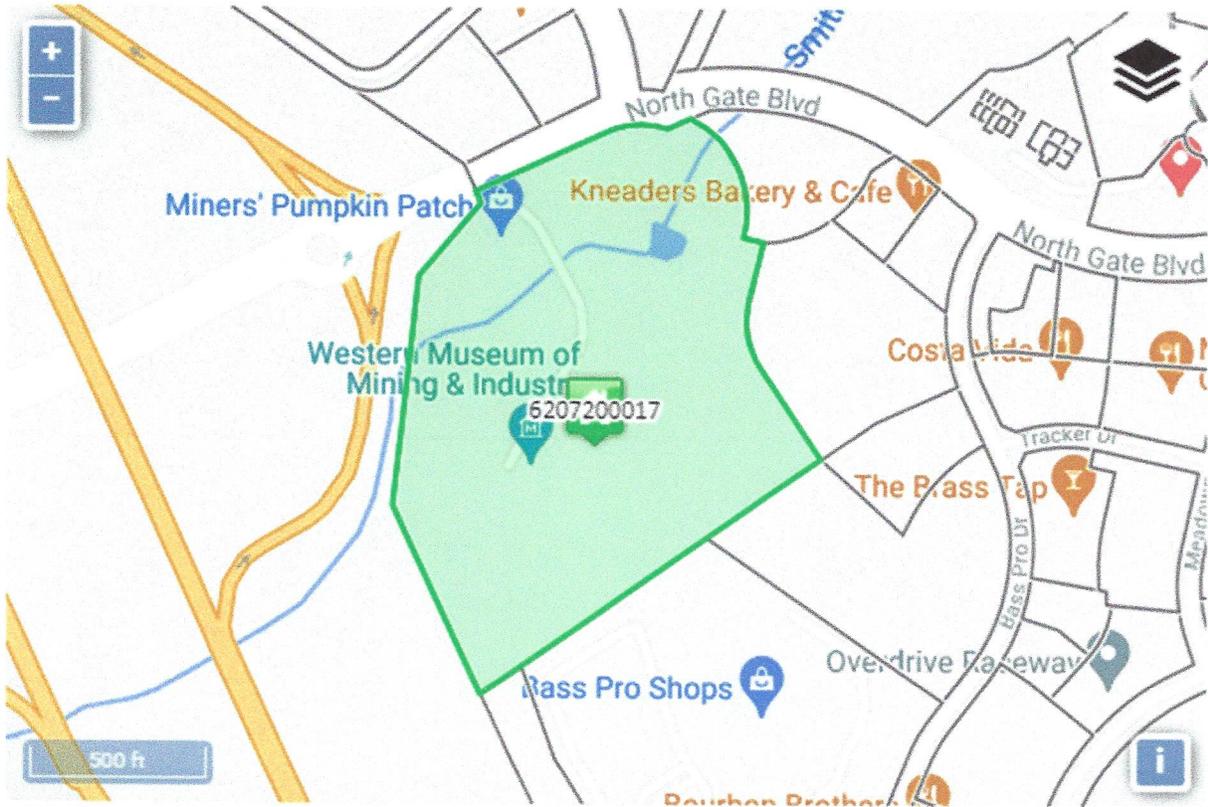
Approved on behalf of Craig Dossey

Each event will be unique. It is not the intent of the site development plan to limit the events to being operated exactly the same. The parking areas are to remain as shown, but all temporary structures may be relocated.

All conditions of approval associated with VA-20-004 apply. The site development plan request includes a request for alternative landscape pursuant to Section 6.2.2.A.4 of the Land Development Code.

See VA-20-004 for additional clarification on this use as well as traffic study and traffic conditions.

Western Museum of Mining & Industry (WMMI) - Vicinity Map



WMMI parking and traffic management plans (3.1)

The WMMI campus has 6 parking areas (lots) listed as “L, M, N, O, P, Q” on the master key or summary table. In a crude or rough sense, we have upper and lower portions of our campus. The upper portion, be it, parking or buildings, is rarely active or available to the public. For daily operations of the Museum and Reynolds Ranch House, parking areas L and M are utilized and easily handle our small daily volume of staff and visitors. For events of various sizes, we employ the parking areas in a rough sequence or grouping depending on the number of vehicles. Phase one (A) of parking would be areas L, M and Q which have a total capacity of 108 spots. Phase two (B) of parking would be area O which has a capacity of 60 spots. Phase three (C) of parking would be areas N and P which have a total capacity of 102 spots. Therefore, all 6 parking areas have a combined capacity of 270 spots.

For our routine operations, which includes school groups, local visitors and tourists, WMMI uses phase one (A) of parking plans. This first phase also handles the vast majority of our private events, such as weddings, business parties, space rentals, etc. Phase one (A) and phase two (B) accommodate our own public activities and events such as Family Days, Demo Days or Miners’ Pumpkin Patch. Only a few events, usually outside vendor events, require all 3 phases of parking (A, B, C). A couple of examples of these public, vendor/renter organized events include; Celtic Fest and Oktober Fest. These event names and examples are provided ONLY as samples, in no way, do they represent all activities or possible future events, since it would be pointless to attempt predicting the future, especially with Covid 19.

Our parking plans and phases are managed by a group of parking attendants, signs & cones, portable barriers and temporary fencing. For the majority of the events/activities (especially phase two (B)), we conduct a one-way loop traffic pattern around the lower campus. We also encourage right turn only entry and exit on North Gate Blvd. This is accomplished using attendants, signs and cones at critical points along the path of travel.

If an event’s attendance, vehicle volume, is predicted to exceed the campus parking capacity (or for other reasons), then off-site parking will be arranged with other nearby locations such as Bass Pro Shop, Boot Barn or Discovery Canyon Campus. WMMI and/or vendor (organizer) will have a written arrangement/agreement with these businesses/organizations. Depending on the location, customers may be able to walk (without crossing a roadway) or a shuttle service will be arranged/provided. WMMI and most event organizers already have connections, experience and resources to accomplish parking arrangements as needed.

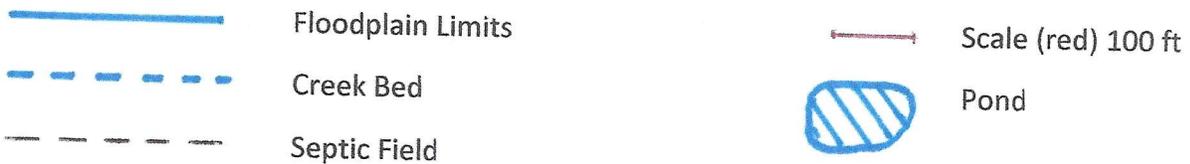
Special notes:

Public School Districts already design and suggest “right turn only or limited left turn” routes of travel for their buses. WMMI will encourage school vehicles, tour buses and shuttles to use “right turn” entry and exit for their visits.

Without placing limitations, WMMI intends to hold events which may utilize parking phases one (A) and phase two (B) of vehicle volumes (less than 169 spots) usually over the course of the event time period. As mentioned before, we predict that most activities will only need phase one (A) for parking and the vehicle traffic will be insignificant to local roadways (background noise in traffic volume).

Regarding number and frequency of activities, we hope to be available to the public year-round, however, most likely the warmer months of May to October will be requested. Whether private or public, most activities will be on weekends (Fri, Sat, Sun) and will be “smaller” with a few dozen vehicles and perhaps a couple hundred people on property over the course of several hours.

WMMI Campus – Parking Areas – Green shaded areas



Lot	Length (ft)	# of Cars
L	169	24
M	196	38
N	254	50
O	NA	60
P	260	52
Q	228	46

WMMI Campus Layout - Summary Table 3.1 — Variance for Business Event Center

Key

Item	Name	Dimension – Area	Notes	Setback
A +	Reynolds Ranch House	2000 sf	Historic site, under renovation (RRH)	110 ft
B +	Bunk Houses (2)	200 sf	Historic, education, tour	225 ft
C +	Hay Barn	2280 sf (60x38)	Education, rental space	320 ft
D +	Milk Barn	2730 sf (72x38)	Maintenance, storage	240 ft
E +	Ore Mill	864 sf (24x36)	Storage, rental space	280 ft
F +	Air Shed	300 sf (20x15)	Storage, maintenance	430 ft
G +	Museum	12000 sf	Education, Museum	350 ft
H +	Blacksmith shop	400 sf	Education	115 ft
I +	Hoist house	400 sf	Education	105 ft
J +	Burro Barn	500 sf	Storage	110 ft
K +	Stamp Mill	3000 sf	Education	255 ft
X +	Cell, Hoist Bldg.	900 sf	Storage, cell tower equipment	40 ft
L	Parking Area, NW	63x169 ft	Gravel, for RRH and events, T posts	24
M	Parking Area, central	196x63 ft	Gravel, for Museum, stop blocks	38
N	Parking Area, SE	254x75 ft	Grass, upper SE corner, T posts	50
O	Parking Area, central	210x75 & 120x75 ft	Grass, main field, lower, T posts	60
P	Parking Area, south	260x69 ft	Grass, upper south ridge, T posts	52
Q	Parking Area, south	228x72 ft	Grass, south field, lower, T posts	46
R				
S				
T				
U				

+ Existing building

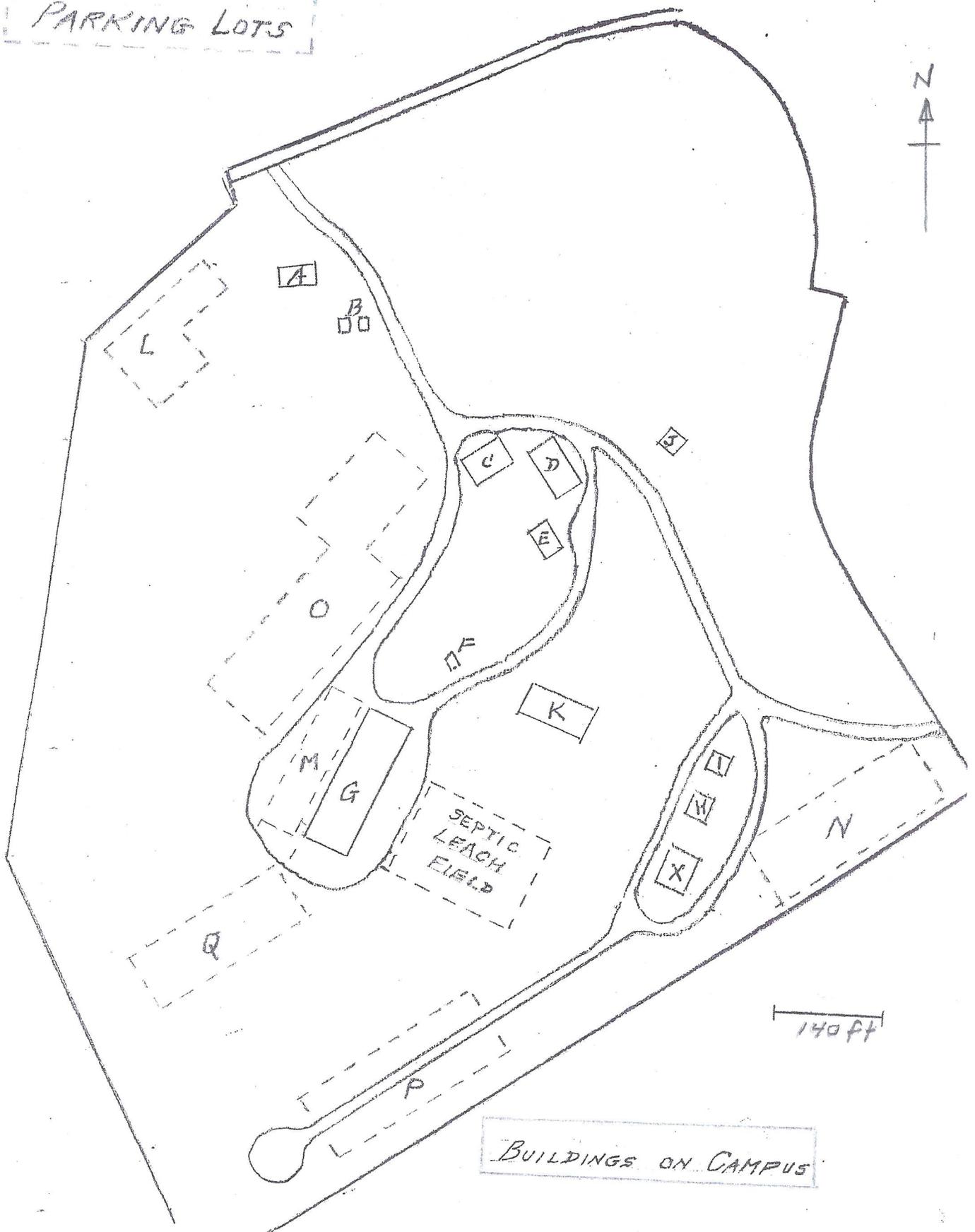
45 Parking area car capacity

_____ Building outline (and dirt roads)

— — — — — Parking area outline

LUMMI CAMPUS 2020

PARKING LOTS



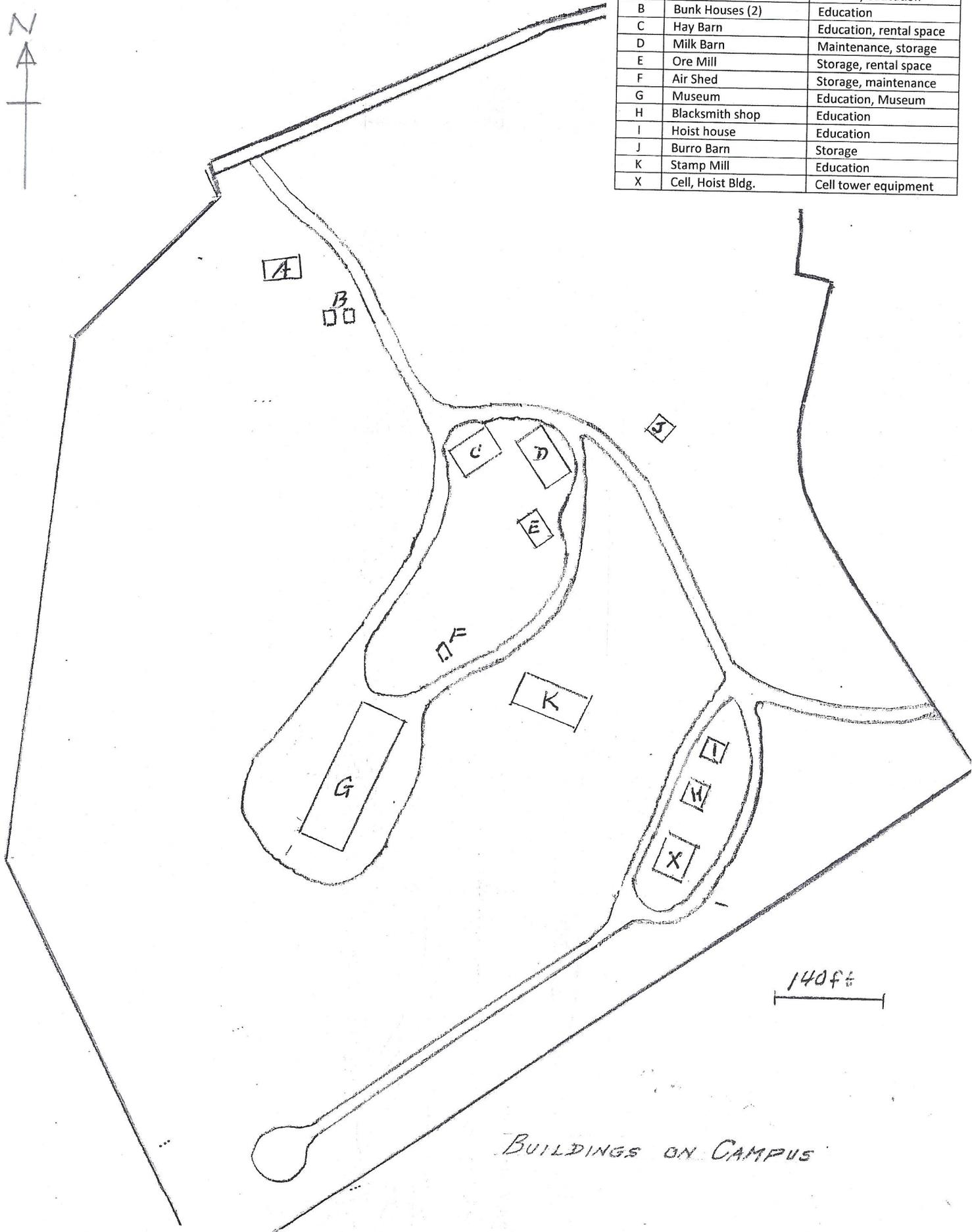
BUILDINGS ON CAMPUS

16 WUMMI CAMPUS 2022



WMMI Campus - Building Names and Uses

Item	Name	Notes
A	Reynolds Ranch House	Historic, education
B	Bunk Houses (2)	Education
C	Hay Barn	Education, rental space
D	Milk Barn	Maintenance, storage
E	Ore Mill	Storage, rental space
F	Air Shed	Storage, maintenance
G	Museum	Education, Museum
H	Blacksmith shop	Education
I	Hoist house	Education
J	Burro Barn	Storage
K	Stamp Mill	Education
X	Cell, Hoist Bldg.	Cell tower equipment

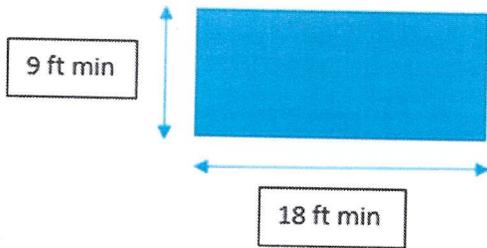


BUILDINGS ON CAMPUS

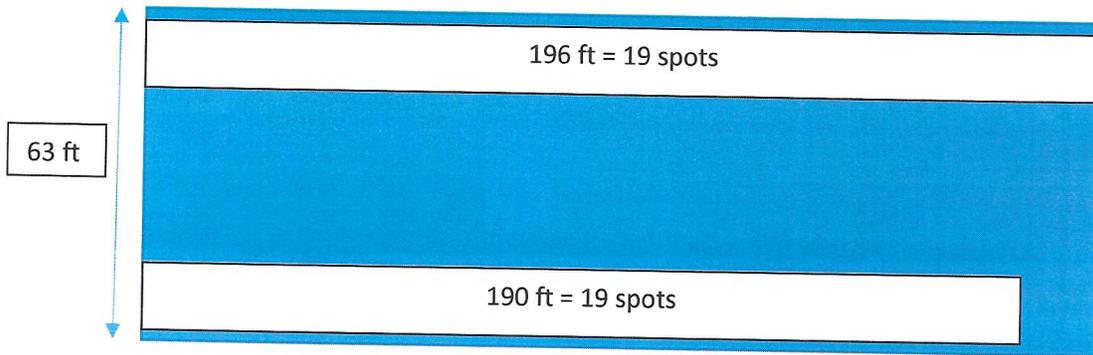
WMMI parking lots – Lower Campus

All parking spaces are a minimum of 9 feet wide and 18 feet deep as required in the LDC for 90-degree parking. We were conservative in our calculations using 10 feet or more for the width of each space. Therefore, the parking could handle more cars than we have indicated in the spot counts. The spaces are lined out with rope between posts and sometimes marked with spray paint on the sites (fields, etc.)

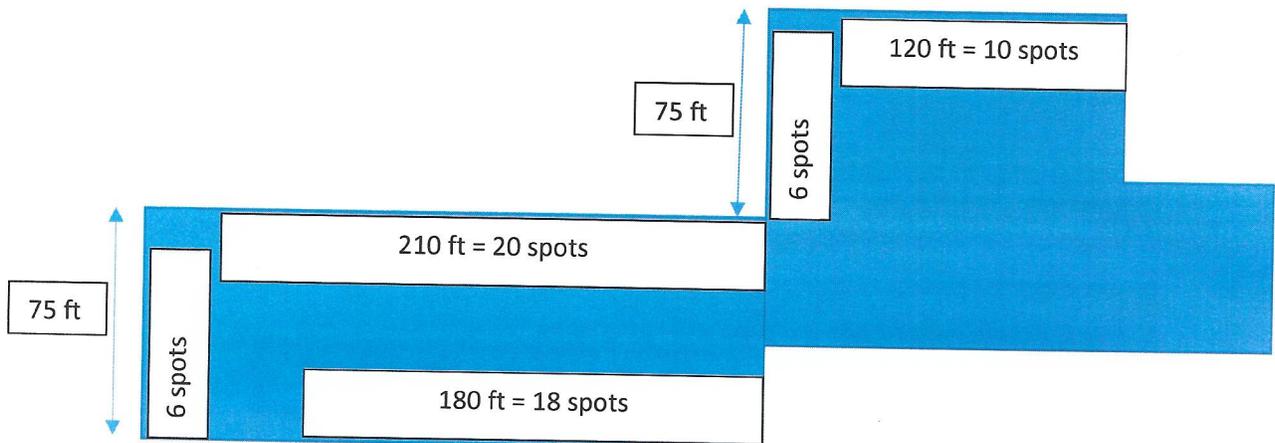
Parking spot dimensions



Lot M – Museum Parking Lot (2 way and 2 rows) – (38 parking spots)



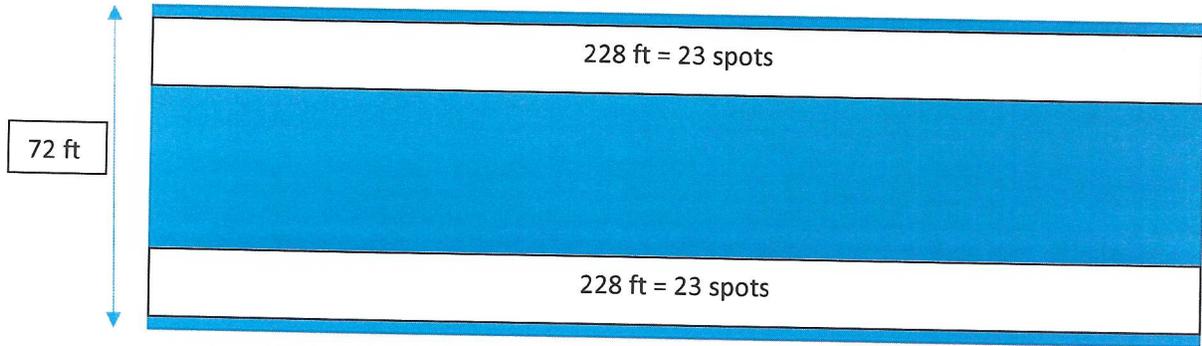
Lot O – Main Field Lot (1 way and partial 2 rows) – (60 parking spots)



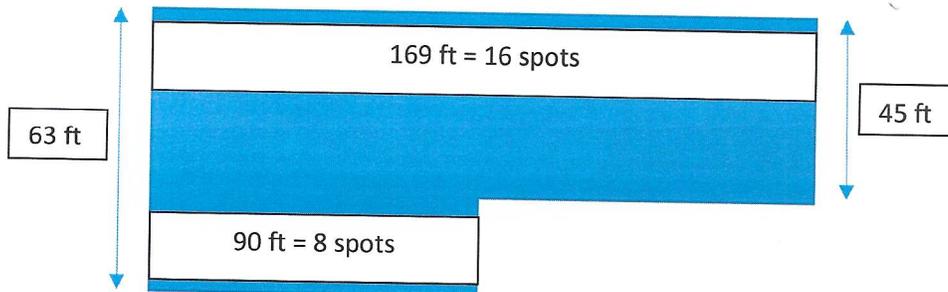
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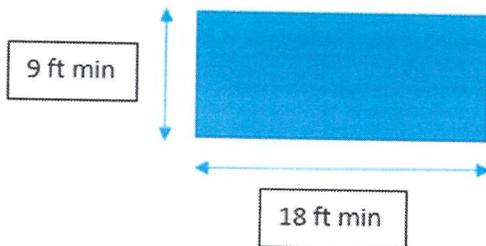
Lot Q – South Field Lot (2 way and 2 rows) – (46 parking spots)



Lot L – Reynolds Ranch House Lot (2 way and partial 2 rows) – (24 parking spots)



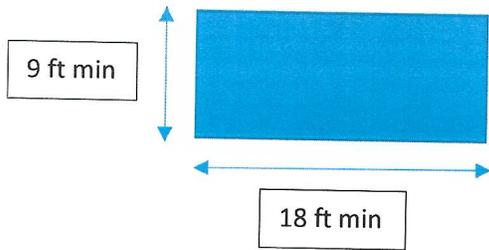
Parking spot dimensions



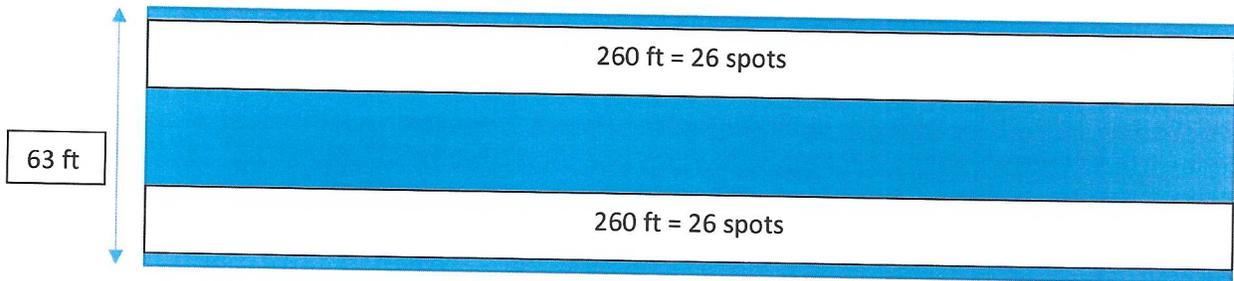
WMMI parking lots – UPPER Campus

All parking spaces are a minimum of 9 feet wide and 18 feet deep as required in the LDC for 90-degree parking. We were conservative in our calculations using 10 feet or more for the width of each space. Therefore, the parking could handle more cars than we have indicated in the spot counts. The spaces are lined out with rope between posts and sometimes marked with spray paint on the sites (fields, etc.)

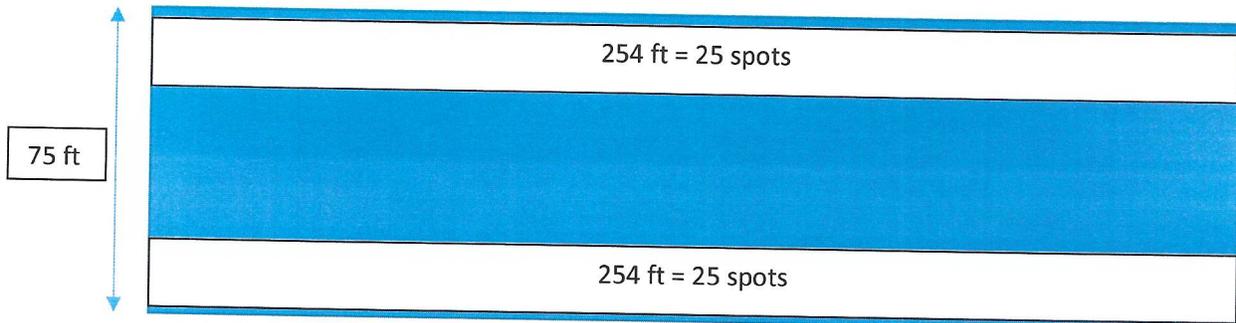
Parking spot dimensions



Lot P – South Ridge Lot (2 way and 2 rows) – (52 parking spots)



Lot N – South East Field Lot (2 way and 2 rows) – (50 parking spots)



Western Museum of Mining & Industry (WMMI)
Event traffic flow – Medium / Large Events



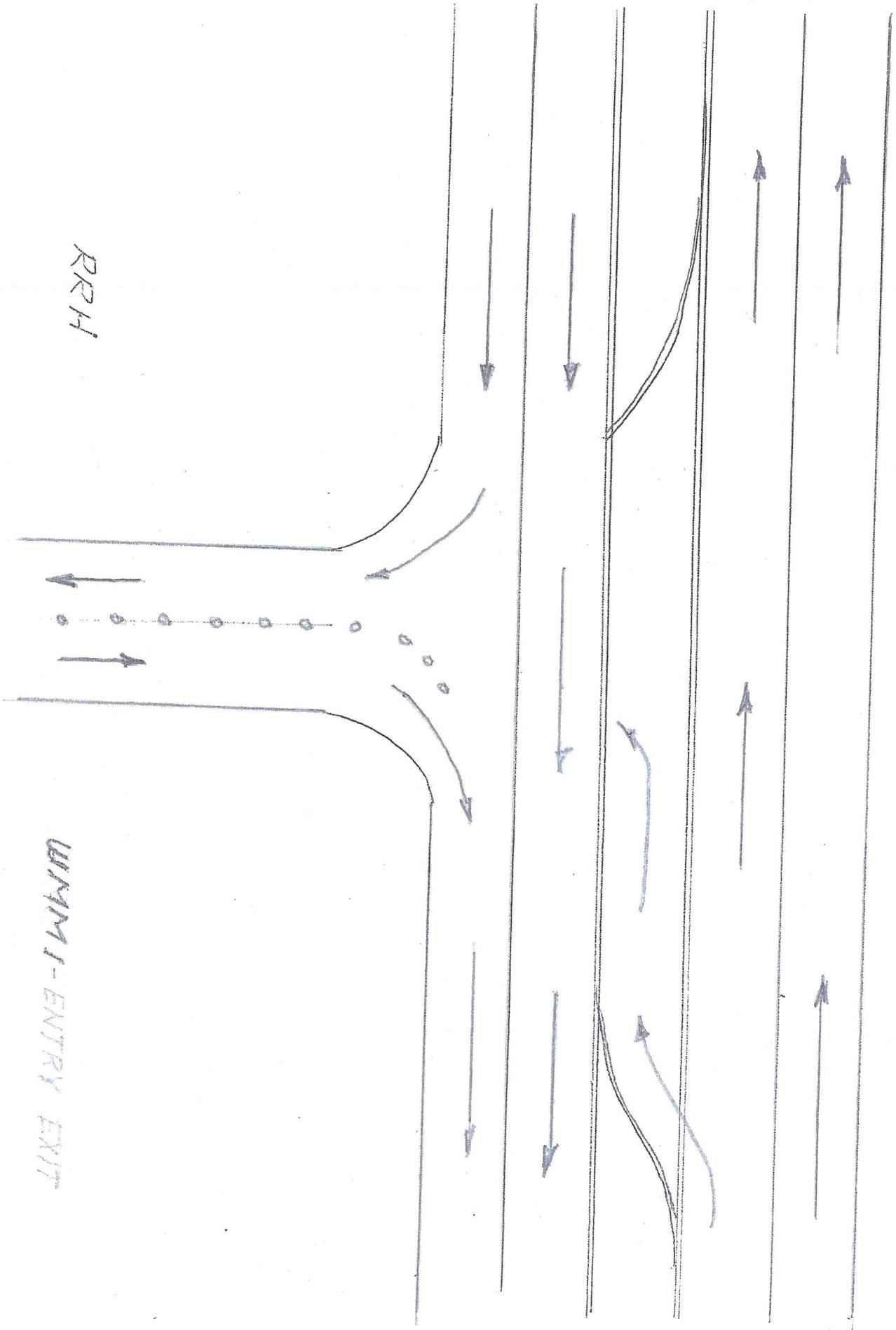
WMMI Entry Traffic Flow and Control Plan

For Events of More than 100 vehicles



- Traffic Flow Direction 
- Traffic Control Cones 
- Traffic Direction Signs 
- Traffic Control Personnel 

NORTH GATE BLVD.

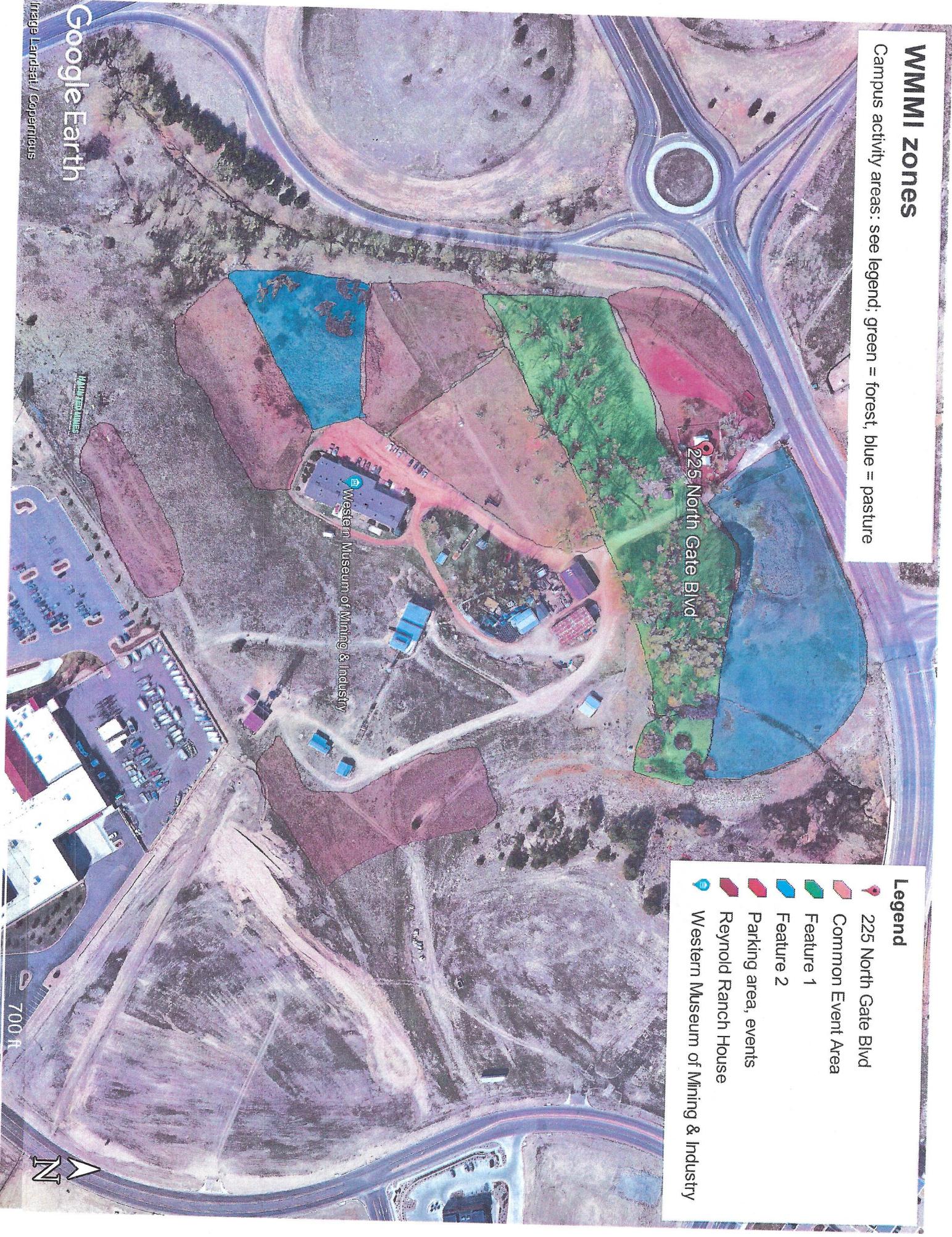


RRH

WMM-ENTRY EXIT

WMMI zones

Campus activity areas: see legend; green = forest, blue = pasture



Legend

- 225 North Gate Blvd
- Common Event Area
- Feature 1
- Feature 2
- Parking area, events
- Reynold Ranch House
- Western Museum of Mining & Industry

Google Earth

Image Landsat / Copernicus

700 ft



Landscape, Mow

Seasonal mowing, minimum, maintain natural grasses.

2225 North Gate Blvd

Western Museum of Mining & Industry

Legend

-  2225 North Gate Blvd
-  Mow,
-  Western Museum of Mining & Industry

Google Earth

Image Landsat / Copernicus

600 ft



Western Museum of Mining & Industry (WMMI) 501.c.3

Site Development Plan (SDP) with VA-20-004

Lighting Plan

Our site development plan does not contain any new lighting. We have sufficient lights on our existing buildings for our needs. Therefore, we have no new lights planned at this time. Most of our buildings have minimal external lighting, similar to a residence, and have been in place for many years. If additional lighting is needed, we will use temporary lighting systems that comply with the LDC and the ECM as applicable.

In regard to event lighting, most of our events occur during daylight hours and therefore do not require additional lighting. When outdoor evening events occur and need additional lighting, then temporary lighting is placed near the center of the campus, well away from neighbors. Shielded lights are employed (usually rental units) to illuminate the proper areas. We will strive for all events to be operated in compliance with the lighting section of LDC. Here is an example of an event lighting layout with the yellow spots as light locations:

