

APPENDIX F: SITE ASSESSMENT MATRIX

Los Alamos County Artificial Turf Conceptual Study

Site Assessment Matrix - North Mesa Sports Complex

**fields in italics are to be evaluated for feasibility of artificial turf*

SITE ATTRIBUTES	NORTH MESA RECREATION AREA FIELDS						
	Minor	Lou Caveglia	<i>Bomber</i>	Bun Ryan	T-Ball	<i>Senior</i>	Flint
Field Use Type Primary	Practice and games	Practice and Games	Practice and Games - High School Baseball	Practice and Games - High School	Practice and Games	Practice and Games - High School	Soccer Practice/Games
Field Use Type Other	T-Ball?	Girls Softball games	High school baseball	Little Leauge	Use varis - Little League	High School Baseball	Soccer
Standard Field Size	25 to backstop, 200 outfield	25 to backstop, 200 outfield	45-60 to backstop, 300 outfield	25 to backstop, 200 outfield	25 to backstop, 200 outfield	45-60 to backstop, 300 outfield	100-120 yards long, 55-80 yards wide, + runouts
Actual Field Dimensions	20 to backstop, 200 outfield	25 to backstop, 200 outfield	60 to backstop, 350-360 outfield	25 to backstop, 200 temp outfield, +40-45 to old fence	20 to backstop, 175 to outfield	60 to backstop, 285-310 to outfield	133 yards long, 100 yards wide, including runouts
Field Dimension Notes	Good, 25 foul area	Good, 30-40 foul area	Good, light pole in RF bullpen & LF	good, 40-45 dead space between outfield fences	outfield can be down to 125 depending on age	good, huge LF foul area	U10 is 55 yd long, 35-45 yd wide, U8 25-35 L x 15-25 W
Season of use (actual dates if available)	Little League - Not sure of dates, they don't submit schedules. Average LL organizations run from March - June (includes practice for tournaments)	Los Alamos Extreme (Football & Cheerleading): August -October	Los Alamos High School: March-April; Ultimate Frisbee - August - October. Limited use during the summer months. No official leauges running	Did not get reserved in 2024 season. Little League may have used, but they did not turn in reservations. Los Alamos School - JV Softball	Did not get reserved in 2024 season. Little League may have used, but they did not turn in reservations.	Los Alamos High School: March-May	LAYSL Seasons: •Fall season early September-October •Spring Feb – August •Summer no formal season, but people play recreationally - reservation from June-August. Los Alamos High School - March-May, September-October. LAYSC:March-Nov.
Level of Use	Moderate	Heavy	Heavy	Moderate	Light	Moderate	Moderate
Sod Condition	good	good	new	poor	Fair	fair	bad
Sod Condition Notes	okay	okay	New, good	spotty	spotty, uneven	spotty, lumpy	spotty, weeds, lumpy
Sod Renovation Schedule	Not scheduled	2027	Replaced - 2024	2025	Not scheduled	2025	2026
Grading Patterns			New	to outfield			slopes west to east
Drainage Patterns		one drain behind backstop	To outfield	to left field			to east
Drainage Capacity	surface only	surface only	surface only	surface only	surface only	surface only	surface only
Lighting Type	None	10+ LED bulb	10+, HID bulbs	10+, LED bulbs	None	10+, LED bulbs	none
Lighting Age	N/A	8+	8+	8+	N/A	8+	N/A
Lighting Compliance	N/A	out of date	out of date	out of date	N/A	out of date	N/A
Lighting Operation (Lights need to be reviewed for spill)	N/A	MUSCO/Manual Software	MUSCO/Manual Software	MUSCO/Manual Software	N/A	MUSCO/Manual Software	N/A
Wet Utility Notes	Non-Potable	Non-Potable	Non-Potable	Non-Potable	Non-Potable	Non-Potable	Non-Potable
Dry Utility Notes (Discuss in meeting)							
Improvements/Features List			Outfield fencing recently redone	remove 2nd outfield fence?			
Irrigation Type	Impact	Impact	New, I-40's	Impact	Impact	I-20's	
Age of Irrigation Heads	unknown	Unknown	2024, good coverage	Unknown	unknown	2014, poor coverage at center field	2014
Age of Irrigation Network	Unknown	Unknown	15+, new heads	15+	unknown	15+	15+
Outfield Fencing Notes	okay for t-ball	okay for softball	Replaced 2025 and added retaining wall	okay for softball due to double fence at 200-ft	okay for t-ball	okay for baseball	good behind south goal
Backstop Fencing Notes	okay for t-ball	okay for baseball	okay for baseball, largest of all backstops	okay for softball	okay for t-ball	okay for baseball	good, except behind noth goal
Temporary/Movable Fencing Notes	none needed	none needed		permanently installed	none needed	n/a	moveable soccer goals
Pest Management Notes	gophers, deer	gophers, deer	gophers, deer	gophers, deer	gophers, deer	gophers, deer	gophers, deer
Wildlife Risk Notes	gophers, deer	gophers, deer	gophers, deer	gophers, deer	gophers, deer	gophers, deer	gophers, deer
ADA Compliance Notes	Not compliant. No accessible route to field, dugouts, or amenties. Lacks accessible parking spaces.	Not compliant. No accessible route to dugouts, water spout, scoreboard building, picnic area, bleachers, or field. The ADA ramp exceeds the maximum running slope and has incorrect or is lacking mandatory landings.	Not compliant. No accessible route to field, water spout, dugout, pitcher mound, or bleachers. The ADA ramp up to elevated bleachers, but it is too long and too high and lacks an intermediate landing. Overall walking slope exceeds 5% in most walking routes.	Not compliant. Gravel parking lot lacks ADA stalls. There is no accessible route to field, press box, dugouts, or bleachers. The ADA ramp is too long and too high and lacks an intermediate landing.	Not compliant. No accessible route to bleachers, field, dugouts, or amentities. Lacks accessible parking spaces.	Not compliant. No accessible route to field, dugouts, scoreboard building, bleachers, or amenties. ADA ramp exceeds maximum slope and has incorrect or is lacking mandatory landings.	Not compliant. No accessible route to field, bleachers, and parking.
Circulation / Connectivity Notes	Poor connection from parking to bleachers to basic amenities. Needs an accessible route or walkway.	Poor connection from parking to bleachers to basic amenities. Needs an accessible route or walkway.	Poor connection from parking to bleachers. Needs an accessible route or walkway.	Poor connection from parking to bleachers. Needs an accessible route or walkway.	Poor connection from parking to bleachers. Needs an accessible route or walkway.	Poor connection from parking to bleachers to basic amenities. Needs an accessible route or walkway.	Major issues with safe passage between parking and field. Very poor connection. Needs an accessible route or walkway.
Parking Notes	good, overflow parking	good, behind backstop	good, behind backstop	good, behind backstop	good, overflow parking	Fair, in overflow parking	good, along west side
Other Observations	nice hard roof on dugouts	Could use a batting cage to be shared with Senior. Good shade cover over risers.	poor light pole placement	actual sunken dugouts		Could use a batting cage to be shared with Lou Caveglia	Nice restroom building. Drainage ditch between parking and field is a major issue.

Los Alamos County Artificial Turf Conceptual Study

Site Assessment Matrix - Overlook Park

**fields in italics are to be evaluated for feasibility of artificial turf*

SITE ATTRIBUTES	OVERLOOK PARK FIELDS										
	Minor B	<i>Hope</i>	<i>X Lovato</i>	Byers	Virchow	Spirio	<i>Dara Jones</i>	Field 1	Field 2	Field 3	Field 4
Field Use Type Primary	Practice and Games	Practice and Games - JV softball	Practice and Games - High School and adult softball	Practice and Games - High School and Little League	Practice and Games - High School Baseball, Adult Softball	Practice and games - Soccer and Lacrosse	Practice and games - Soccer and Lacrosse	Practice and Games - High School Baseball, adult softball	Practice and Games - High School Baseball, adult softball	Practice and Games - High School Baseball, adult softball	Practice and Games - High School Baseball, adult softball
Field Use Type Other	Baseball and softball	JV Softball	Softball and baseball	Little League, kickball	Adult Softball	Soccer, Lacrosse, Local Events	Soccer, Dog obedience, lacrosse	High School, Adult Softball	High School, Adult Softball	High School, Adult Softball	High School, Adult Softball
Standard Field Size	25 to backstop, 200 to outfield	25 to backstop, 200 to outfield	25 to backstop, 200 to outfield	25 to backstop	45-60 to backstop, 300 to outfield	100-120 yards long, 55-80 yards wide, + runouts	100-120 yards long, 55-80 yards wide, + runouts	45-60 to backstop, 300 to outfield	45-60 to backstop, 300 to outfield	45-60 to backstop, 300 to outfield	45-60 to backstop, 300 to outfield
Actual Field Dimensions	20 to backstop, 160 to outfield	25 to home, 200-215 to outfield	15 to backstop, 300 to outfield	20 to backstop, 200 to outfield	45 to backstop, 290-330 to outfield	228-245 long, 128 wide	138 yd long, 100 yd wide	20 to backstop, 300 to outfield	20 to backstop, 310 to outfield	20 to backstop, 300 to outfield	20 to backstop, 310 to outfield
Field Dimension Notes	can be used for younger age groups	good	home too close for little league okay for T-ball, outfield too far, fence sleeves at 200-ft, raised mound not softball compliant.	backstop too close for softball, good for T-Ball	slopes 18" W to E	is set up for multiple fields	2 soccer fields	backstop is 20 vs 45 minimum.	backstop is 20 vs 45 minimum.	backstop is 20 vs 45 minimum.	backstop is 20 vs 45 minimum
Season of use (actual dates if available)	Los Alamos High School: March-May;	Los Alamos High School: March-May;	Los Alamos High School: March-May, July-September; Endeavor Working Dog Club: June-October; Los Alamos Adult Softball: May-October	LA Extreme - used once in October; Little League - No schedule provided!	Los Alamos High School: March-May; Endeavor Dog Working Club: April, Sept, October; Los Alamos Adult Softball: May-October	LAYSL Seasons: March-November •Fall season early Aug - early Nov •Spring March– Nov. •Summer no formal season, but people play recreationally Los Alamos Youth Lacrosse: March-May; Los Alamos Extreme: September-October; Los Alamos Art Council: once in April	LAYSL Seasons: •Fall season early Aug - early Nov •Spring Feb – early June •Summer no formal season, but people play recreationally Los Alamos Youth Lacrosse: March-May;	Los Alamos Adult Softball: May-October	Los Alamos Adult Softball: May-October	Los Alamos Adult Softball: May-October	Los Alamos Adult Softball: May-October; Los Alamos High School: used once in Aug and once in Jul
Level of Use	Light	Heavy	Heavy	Moderate	Moderate	Heavy	Heavy	Heavy	Heavy	Heavy	Moderate
Sod Condition	poor	Great	poor	poor	okay	okay	new August 2024	okay	okay	okay	bad
Sod Condition Notes	lumpy, spotty	New	lumpy, spotty	spotty, dry	okay	uneven	a few application errors	spotty	spotty, bad	spotty, bad	uneven, spotty, bad
Sod Renovation Schedule	2027	Replaced - 2024	2026	Not Scheduled	2027	2025	Replaced - 2024	2026	2026	2027	Not scheduled
Grading Patterns	flat, generally to RF	New	okay	to outfield	to outfield	south to north	3-ft drop off in last 8-ft at east side		RF to LF		RF to LF
Drainage Patterns	ponding	To outfield	To outfield	to outfield/east	drops to east	south to north	west to east	drains between Field 3 & 2 north past Field 1	RF to LF, and behind backstop to south	drains between Field 3 & 2 north past Field 1	RF to LF, all behind backstop drains into infield
Drainage Capacity	surface only	surface only	surface only	surface only	surface only	surface only	surface only	surface only	surface only	surface only	surface only
Lighting Type	none	none, want to add lights	old rusty poles HID bulb , 1500 watt	old rusty poles HID bulb , 1500 watt	newer HID	none, want to add lights	none, will be last to add lights	none	none	none	none
Lighting Age	N/A	N/A	1990?	1990?	15+	N/A	N/A	N/A	N/A	N/A	N/A
Lighting Compliance	N/A	N/A	Out of date	Out of date	N/A	pretty good	N/A	N/A	N/A	N/A	N/A
Lighting Operation (Lights need to be reviewed for spill)	N/A	N/A	Manual	Manual	Manual	N/A	N/A	N/A	N/A	N/A	N/A
Wet Utility Notes	Both non-potable and potable	Both non-potable and potable	Both non-potable and potable	Both non-potable and potable	Both non-potable and potable	Both non-potable and potable	Both non-potable and potable	Both non-potable and potable	Both non-potable and potable	Both non-potable and potable	Both non-potable and potable
Dry Utility Notes (Discuss in meeting)											
Improvements/Features List		Retaining wall to be built in spring	newer dugouts	MSE dugouts		New fence renovation last year		Nicer water spickets, nearby shade pavilion,	Nicer water spickets, nearby shade pavilion	Nicer water spickets, nearby shade pavilion	
Irrigation Type		New I-40's	2019 redone	I-40s, 6 zones, non-potable	Impact	Impact	Impact-I-40's	Impact	Impact	Impact	Impact
Age of Irrigation Heads	Unknown	2024	2019	Unknown	2009	Unknown	2024	Unknown	Unknown	Unknown	Unknown
Age of Irrigation Network	Unknown	15+	15+	20+							
Outfield Fencing Notes	good for T-ball	Replaced 2025 and added retaining wall	good for baseball	good for softball, new fence planned 2027		perimeter fence is good	perimeter fence is good	okay for baseball	okay for baseball	okay for baseball	okay for baseball
Backstop Fencing Notes	good for T-ball	new netting	good for softball	good for softball	small for baseball, backstop concrete wall sunken about 3 ft	need taller fence behind goals or full north side	need taller fence behind goals	small for baseball	small for baseball	small for baseball	small for baseball
Temporary/Movable Fencing Notes	none needed	none needed	sleeves at 200	none needed	none	none wanted	none wanted				
Pest Management Notes	gophers, deer	gophers, deer	gophers, deer	gophers, deer	gophers, deer	gophers, deer	gophers, deer	gophers, deer	gophers, deer	gophers, deer	gophers, deer
Wildlife Risk Notes	gophers, deer	gophers, deer	gophers, deer	gophers, deer	gophers, deer	gophers, deer	gophers, deer	gophers, deer	gophers, deer	gophers, deer	gophers, deer
ADA Compliance Notes	Not compliant. No accessible route to field, bleachers, stair access, parking, storage shed, basic amenities.	Not compliant. No accessible route to field, bleachers, gravel parking, dugout, basic amenities.	Not compliant. No accessible route to field, bleachers, dugouts, or basic amenities. Stair surfaces are unstable.	Not complaint. No accessible route to field, bleachers, dugouts or basic amenities. Stair surfaces are unstable.	Not compliant. No accessible route to field, bleachers, dugouts, or basic amenities and storage. Existing ramp lacks or has incorrect mandatory landings.	Not compliant. No accessible route to field, parking, basic amenities. Existing ramps have non-compliant slopes, handrails, and landings.	Not compliant. No accessible route to field, parking, or basic amenities.	Not compliant. No accessible route to field, bleachers, basic amenities.Non-compliant drinking fountains.	Not compliant. No accessible route to field, bleachers, basic amenities.Non-compliant drinking fountains.	Not compliant. No accessible route to field, bleachers, basic amenities.Non-compliant drinking fountains.	Not compliant. No accessible route between field, bleachers, basic amentities, dugout.
Circulation / Connectivity Notes	Poor connectivity. Unstable and deteriorating surfaces. Needs a crosswalk.	Poor connectivity. Existing stairs are insufficient, unstable, and lack railing. Needs a crosswalk.	Poor connectivity. Existing stairs are insufficient, unstable, and lack railing. Needs a crosswalk.	Poor connectivity. Unstable and deteriorating surfaces. Needs a crosswalk.	Poor connectivity. driving, not walking. Needs a crosswalk.	Poor connectivity. Big distances between parking, fields, and facilities.	Poor connectivity. Big distances between field and basic amenities/facilities.	Poor connectivity. Noted surface deterioration along asphalt, loose dirt, gravel, and steep slopes between fields. Pedestrian corridor present.	Poor connectivity. Noted surface deterioration along asphalt, loose dirt, gravel, and steep slopes between fields. Pedestrian corridor present.	Poor connectivity. Noted surface deterioration along asphalt, loose dirt, gravel, and steep slopes between fields. Pedestrian corridor present.	Poor connectivity. Shorter distances to parking than fields 1-3. Walking access from parking
Parking Notes	Behind backstop, along outfield. Lacks identified parking spaces.	Behind backstop. Lacks identified parking spaces.	Behind backstop. Lacks identified parking spaces.	behind backstop & left foul lne. Lacks identified parking spaces.	Behind backstop, some by LF	Nearby parking, north side and SW corner	Nearby parking along west side	Nearby parking	parking is beyond the next fields	nearby parking beyond RF	Nearby parking
Other Observations	outfield maintenance entrance is VERY rutted and holds water	2020 new MSE dugouts & backstop, 2025 plan 6-ft outfield fence. Candidate for solar lighting over shade structures.	metal roof, wood wall dugouts. Missing sidewalk connection on this field's side of Overlook RD. Field has flex fencing that has been badly cared for.	Future fencing upgrade		Another restroom location at top of spirio field desired	RC track across from field. Utilities run under sloped fence edge, retaining wall not possible.	Excellent shade cover over risers between fields	shaded pavilion in middle of Fields 1-2-3.	facility storage yard is outside center field, bleachers are up 2-3-ft by using retaining wall blocks as non-conforming steps	Adjacent to open space. Tuft edger behind backstop.Candidate field to merge with dog park.