

Student Worksheet Summary- 218 Total

GREEN LAKE ELEMENTARY playground renovation

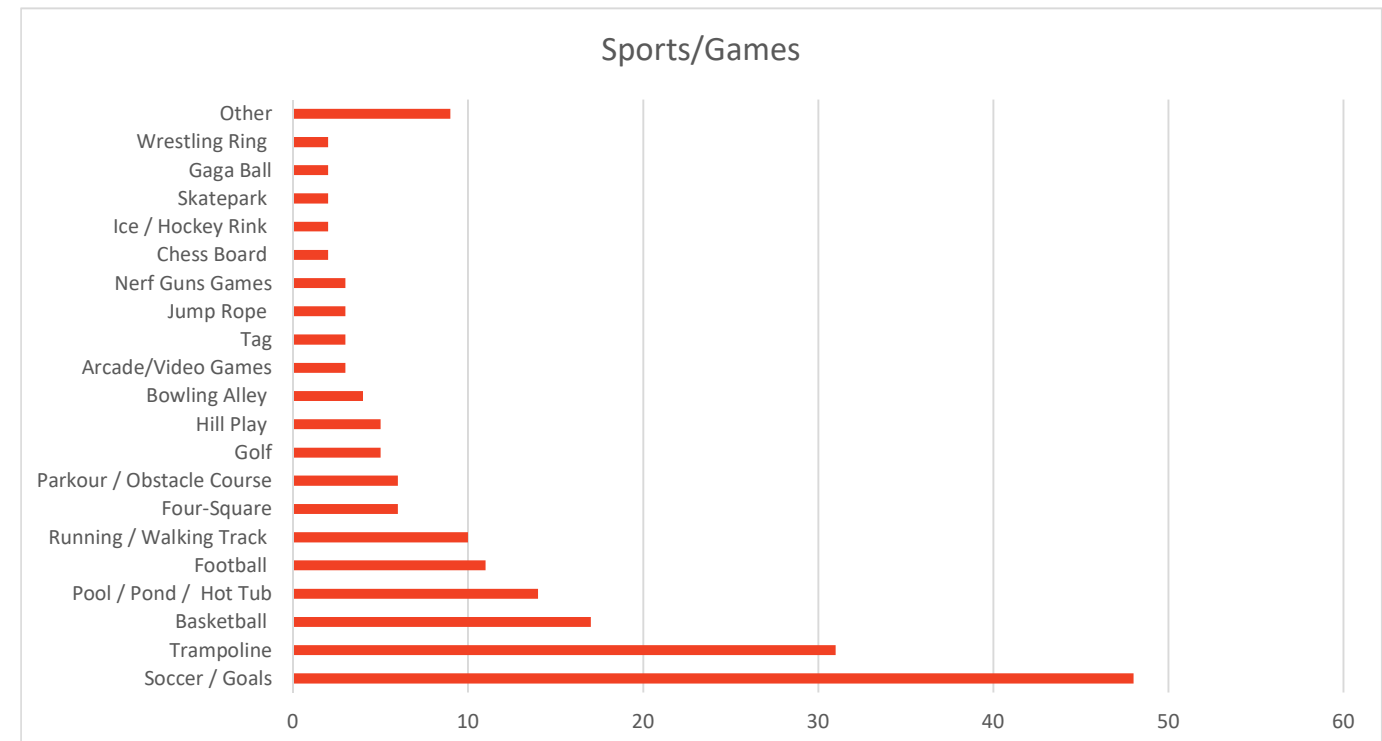
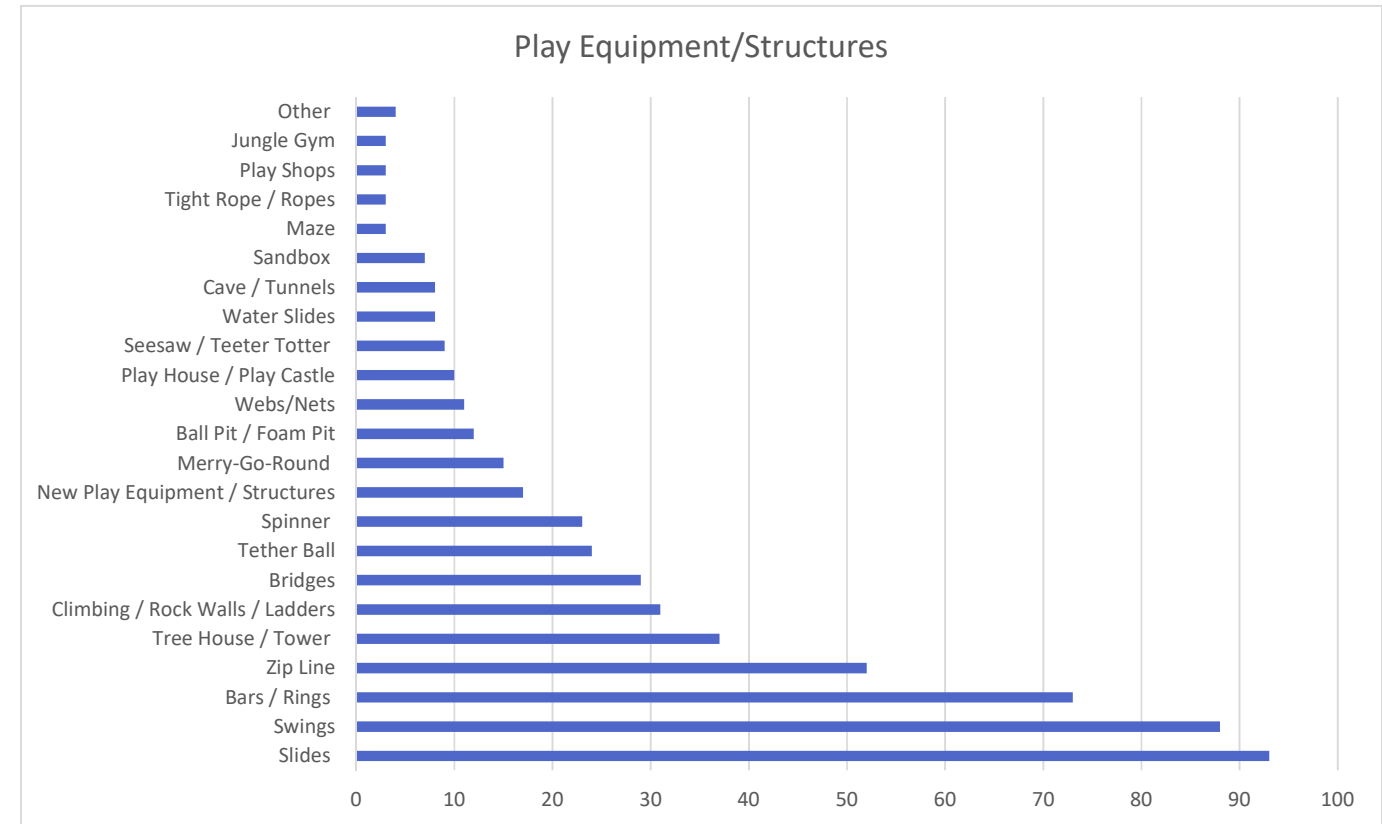


Student comments divided into 8 categories:

- Play Equipment and Structures
- Sports and Games
- Seating and Gathering
- Entry, Access and Circulation
- Plants, Nature and Animals
- Maintenance and Infrastructure
- Art
- Other

Play Equipment/Structures	#
Slides / Hill Slide	93
Swings / Tire Swings / ADA Swings	88
Bars / Rings	73
Zip Line	52
Tree House / Tower	37
Climbing / Rock Walls / Ladders	31
Bridges	29
Tether Ball	24
Spinner	23
New Play Equipment / Play Structures	17
Merry-Go-Round	15
Ball Pit / Foam Pit	12
Webs/Nets	11
Fun House / Play House / Play Castle	10
Seesaw / Teeter Totter	9
Water Slides	8
Cave / Tunnels	8
Sandbox	7
Maze	3
Tight Rope / Ropes	3
Play Shops	3
Jungle Gym	3
Balance Beams	1
Bouncy House	1
Sprinklers To Play In	1
Hawaiian Play Area	1

Sports/Games	#
Soccer / Goals	48
Trampoline	31
Basketball	17
Pool / Pond/ Hot Tub	14
Football	11
Running / Walking Track	10
Four-Square	6
Ninja / Parkour / Obstacle Course	6
Golf	5
Hill Play	5
Bowling Alley	4
Arcade/Video Games	3
Tag	3
Jump Rope	3
Nerf Guns Games	3
Chess Board	2
Ice Rink / Hockey Rink	2
Skatepark	2
Gaga Ball	2
Wrestling Ring	2
Volleyball	1
Baseball	1
Legos	1
Snow Cross Course	1
Laser Tag	1
Downhill Skiing /Sledding	1
Tick-Tac-Toe	1
Hop Scotch	1
Hot Lava	1

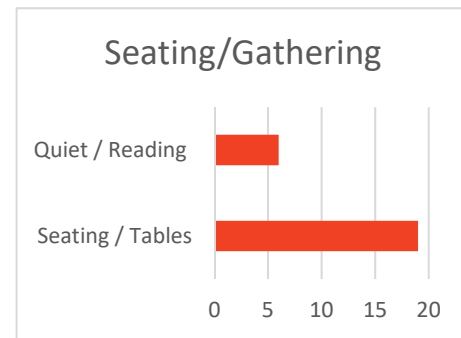


Student Worksheet Summary

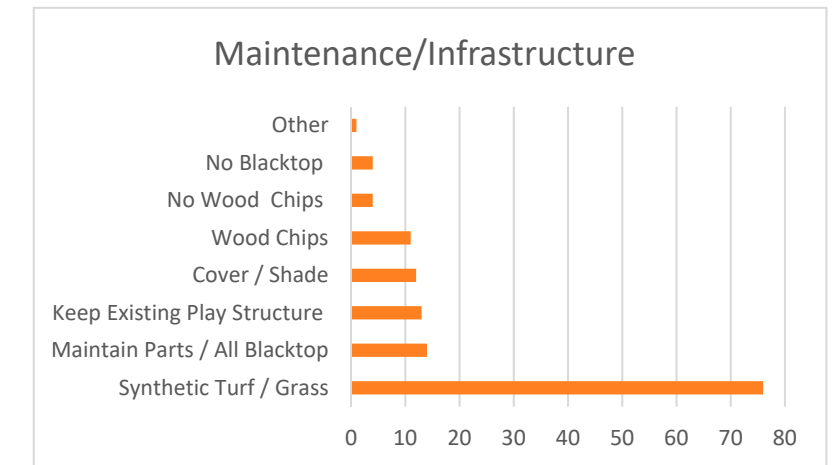
GREEN LAKE ELEMENTARY playground renovation



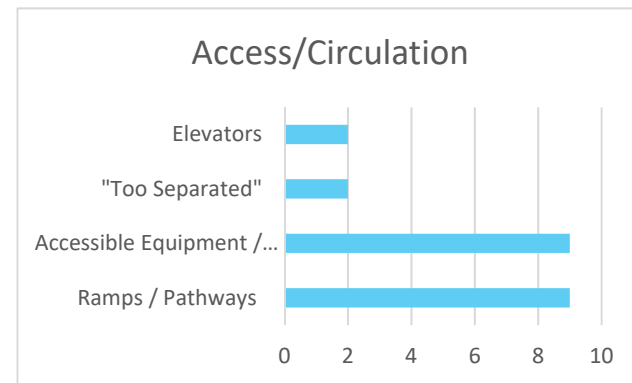
Seating/Gathering	#
Seating/Tables	19
Quiet Spot / Reading	6



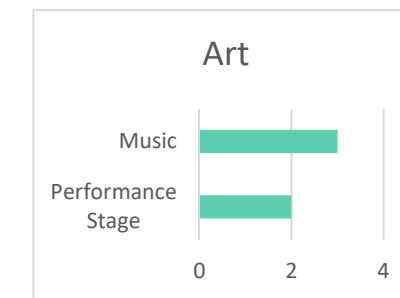
Maintenance/Infrastructure	#
Synthetic Turf / Grass	76
Maintain Parts or All of the Blacktop	14
Keep Existing Play Structure	13
Cover / Shade	12
Wood Chips	11
No wood chips	4
No Blacktop	4
Water Fountain	1



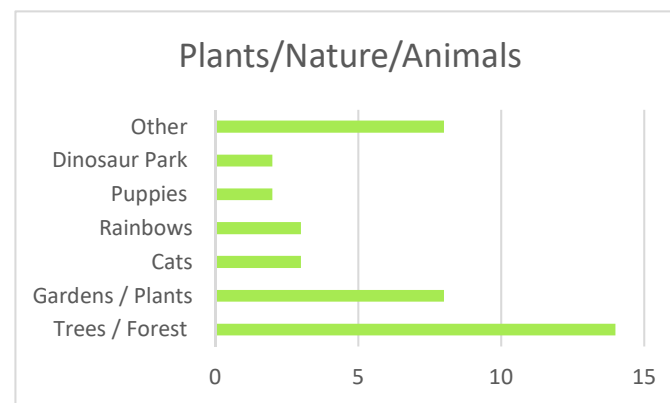
Access/Circulation	#
Ramps/ Pathways / ADA	9
Accessible Equipment/Playground	9
"Too Separated"	2
Elevators	2



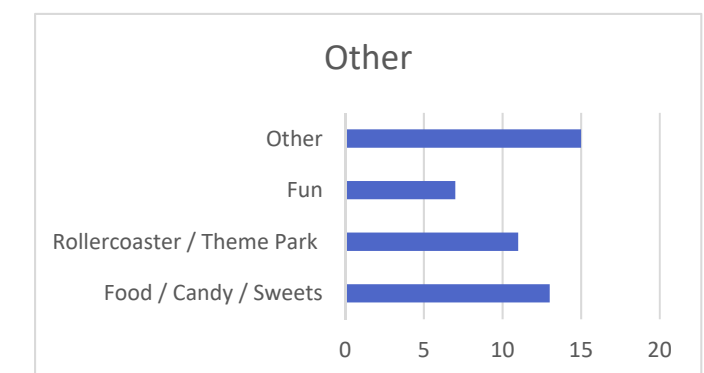
Art	#
Performance Stage	2
Music	3



Plants/Nature/Animals	#
Trees / Forest	14
Gardens / Plants / Flowers	8
Cats	3
Rainbows	3
Puppies	2
Dinosaur Park "Jurassic Park"	2
Unicorns	1
Insect Houses	1
Whales	1
Dragon	1
Racoons	1
Goat	1
Bunnies	1
Sticks	1



Other	#
Food / Candy / Sweets	13
Rollercoaster / Theme Park	11
Fun	7
Baseball Card Machine	1
Imax Theater	1
Go Carts	1
Pokémon	1
Train	1
Hotel	1
Movie Theater	1
Nail Salon	1
Violence Against Donald Trump	1
Telescope	1
Fire Truck	1
Punching Bags	1
Babies	1
Ghosts	1
Spiderman	1



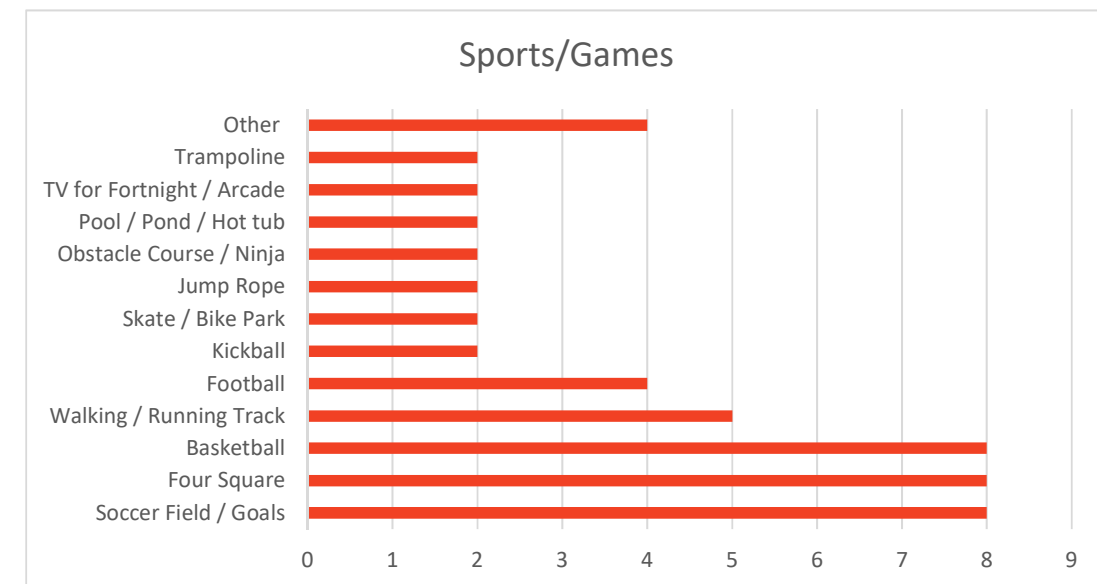
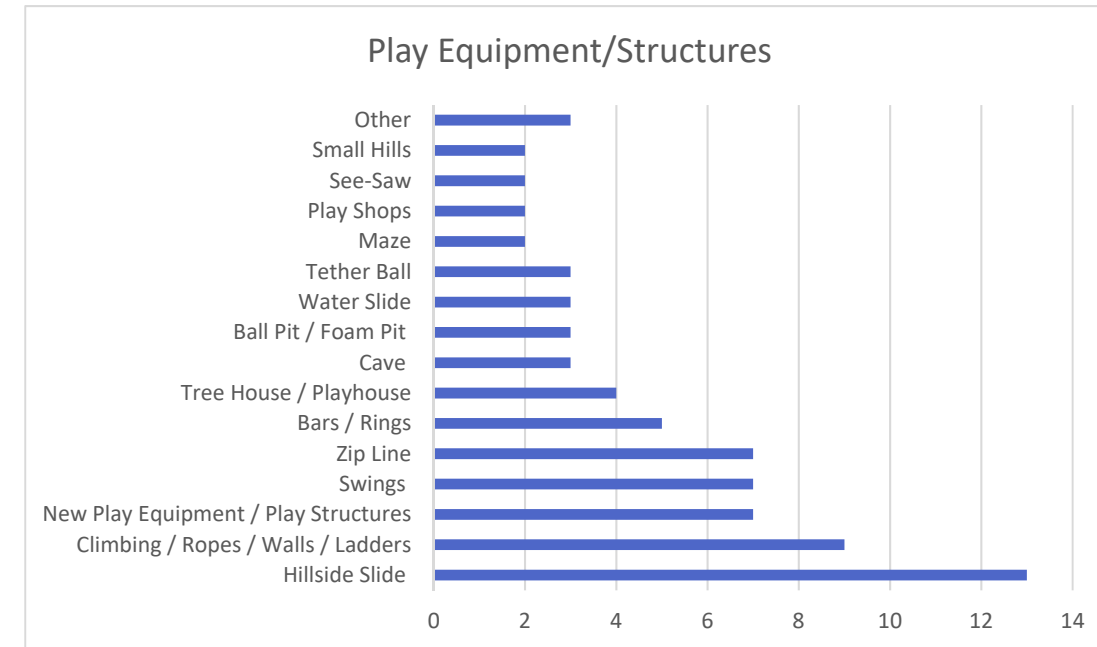
Community Worksheet Summary- 15 Groups Total

GREEN LAKE ELEMENTARY playground renovation



Community comments divided into 8 categories:

- Play Equipment and Structures
- Sports and Games
- Seating and Gathering
- Entry, Access and Circulation
- Plants, Nature and Animals
- Maintenance and Infrastructure
- Art
- Other



Play Equipment/Structures	#
Hillside Slide	13
Climbing / Ropes / Walls / Ladders	9
New Play Equipment / Play Structures	7
Swings	7
Zip Line	7
Bars / Rings	5
Tree House / Playhouse	4
Cave	3
Ball Pit / Foam Pit	3
Water Slide	3
Tether Ball	3
Maze	2
Play Shops	2
See-Saw	2
Small Hills	2
Sand Pit	1
Rope Web	1
Bridges	1

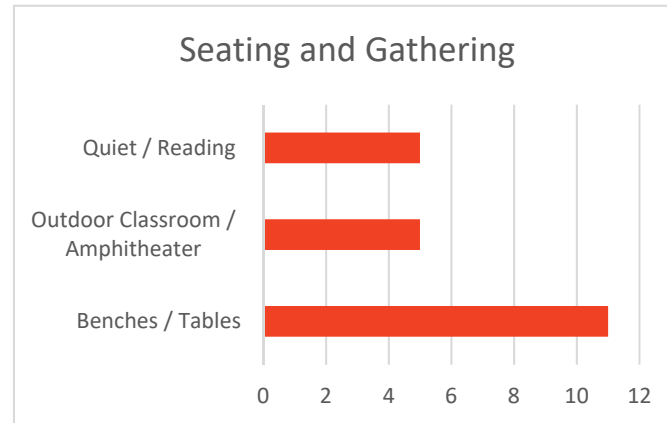
Sports/Games	#
Soccer Field / Goals	8
Four Square	8
Basketball	8
Walking / Running Track	5
Football	4
Kickball	2
Skate / Bike Park	2
Jump Rope	2
Obstacle Course / Ninja	2
Pool / Pond / Hot tub	2
TV for Fortnite / Arcade	2
Trampoline	2
Legos	1
Frisbee	1
Nerf Guns	1
Water Play	1

Community Worksheet Summary

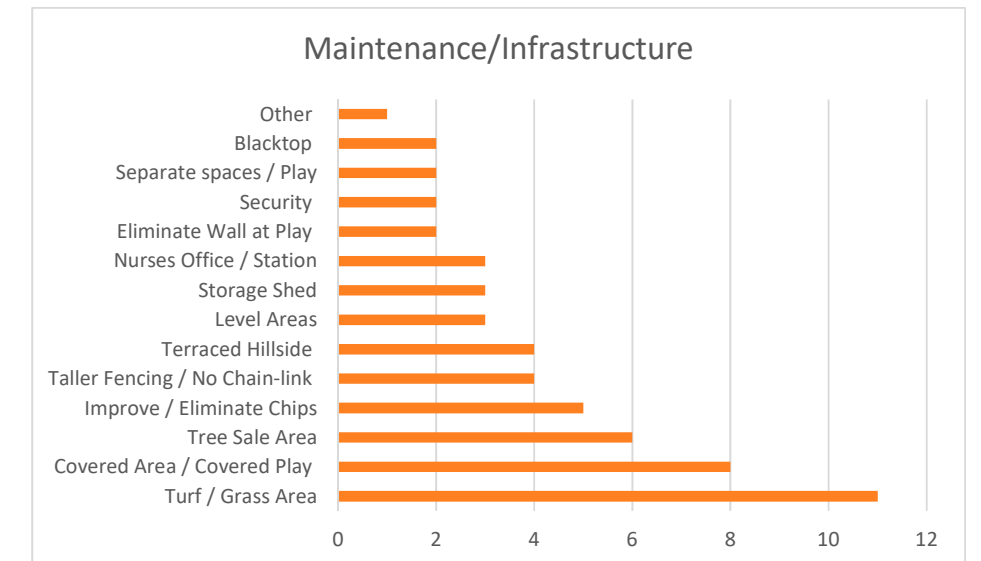
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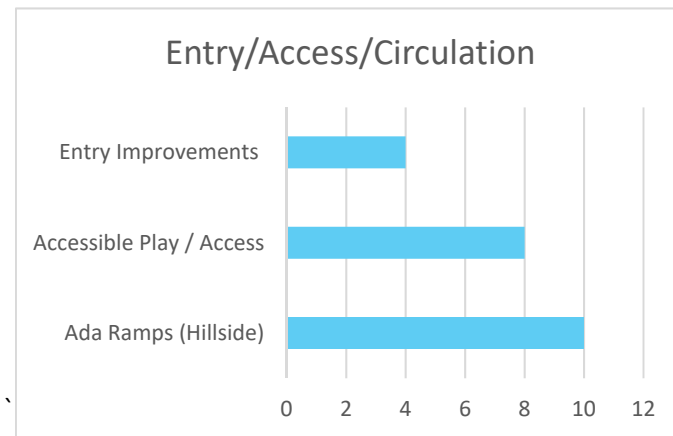
Seating and Gathering	#
Benches / Tables	11
Outdoor Classroom / Amphitheater	5
Quiet / Reading	5



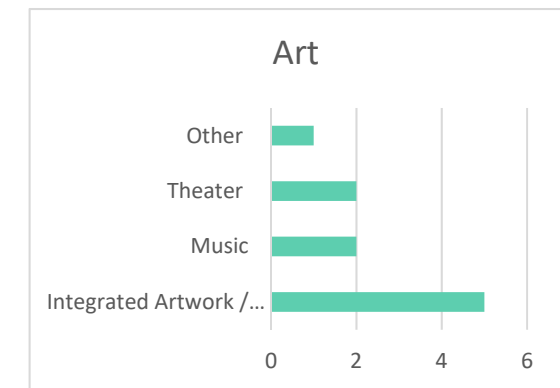
Maintenance/Infrastructure	#
Turf / Grass Area	11
Covered Area / Covered Play	8
Tree Sale Area	6
Improve / Eliminate Wood Chips	5
Taller Fencing / No Chain-link	4
Terraced Hillside	4
Level Areas	3
Storage Shed	3
Nurses Office / Station	3
Eliminate wall at existing play	2
Security	2
Separate spaces / Play	2
Blacktop	2
Bathroom	1



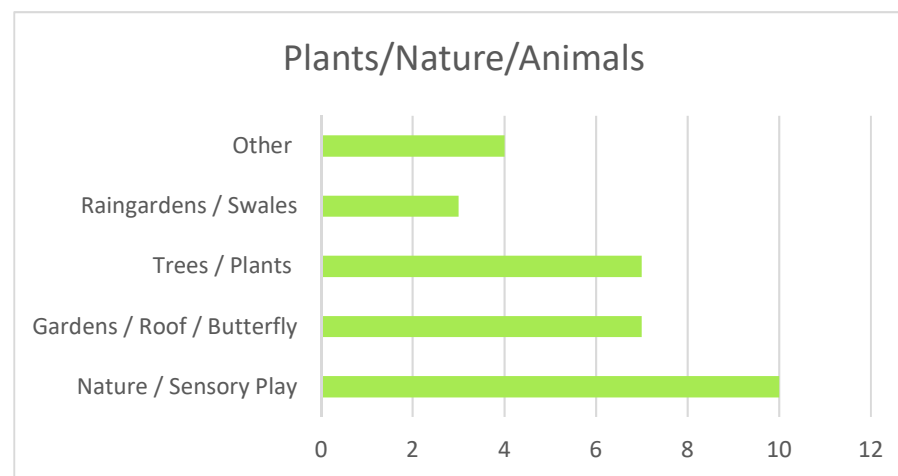
Entry/Access/Circulation	#
Ada Ramps (Hillside)	10
Accessible Play / Access	8
Entry Improvements	4



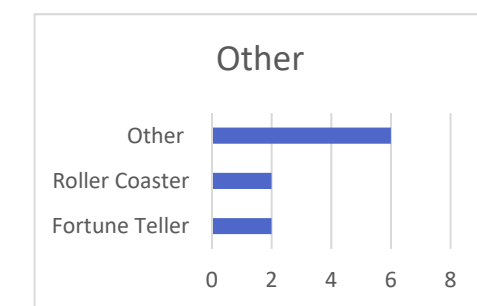
Art	#
Integrated Artwork / Murals	5
Music	2
Theater	2
Sculptures (Dragon)	1



Plants/Nature/Animals	#
Nature / Sensory Play	10
Gardens / Roof Gardens / Butterfly Garden	7
Trees / Plants	7
Raingardens / Swales	3
Llamas	1
Whales	1
Dragons	1
Horses	1



Other	#
Fortune Teller	2
Roller Coaster	2
Bumper Cars	1
Pirate Ship	1
Lazy River	1
Snow Shaker	1
Fairies	1
Water Fountain	1



Overall Design Goals



- Improve site entry, accessibility and circulation
- Provide universally accessible and inclusive play opportunities
- Provide an assortment of diverse play structures and creative play opportunities
- Create multi-functional space(s) for a variety of games and sports with an emphasis on turf and other softer surfaces
- Create diverse seating and gathering opportunities for socialization, education and solitude
- Provide opportunities for interaction with nature
- Integrate art, creativity and beauty throughout
- Utilize site topography
- Provide covered space(s) for gathering, seating and play

Potential Stormwater Drainage Requirements

Steve Hatzenbeler P.E.
Sitewise Design

GREEN LAKE ELEMENTARY
playground renovation

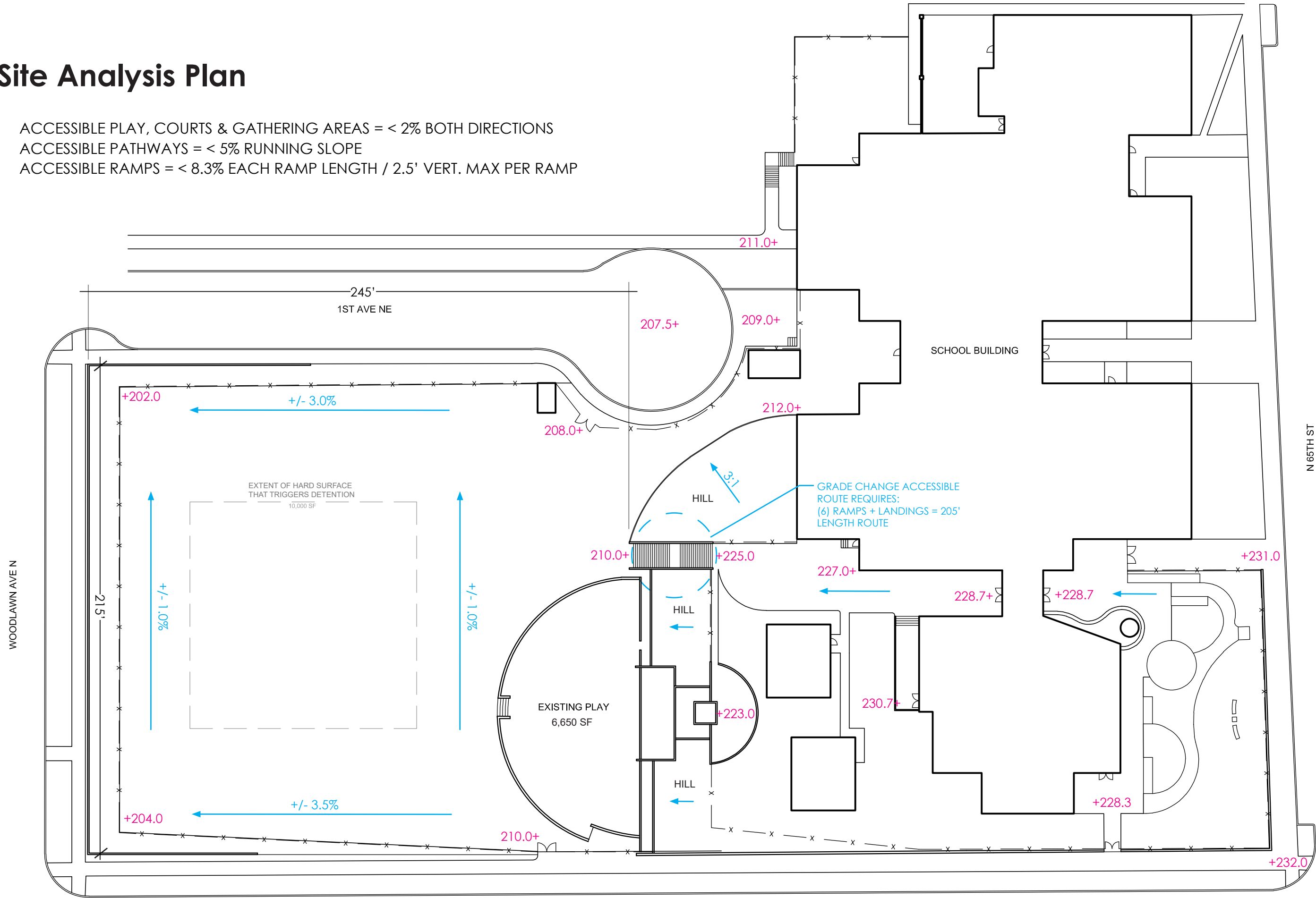


Based on site research and the predicted site improvements, below are notes on applicable storm drainage requirements:

- The project will be characterized as “Parcel Based” for the drainage review during the permit process.
- Site is in a combined sewer basin, with stormwater discharging to a combined sewer main in 1st Ave NE north of the school/east of the playground.
- Discharge to a combined sewer system does not require water quality treatment.
- On-Site Stormwater Management (OSM) runoff mitigation will need to be evaluated for all new/replaced hard (impervious) areas.
- If the project includes greater than 10,000 SF of new/replaced hard surface area, it will likely require stormwater detention.
- Under-drained pervious surfaces such as playfields and playgrounds, and also non-under-drained areas like artificial turf mounds (anything that doesn't get soil amendment) will be considered hard surface areas, and will require OSM.
- Infiltration testing **may** be required on the site, as there is a small area near the existing playground (and the Environmentally Critical Area) where infiltration testing is not required, but the rest of the site requires infiltration testing. Best guess is that Seattle Dept. Of Construction and Inspections (SDCI) will want infiltration testing.
- Because the site appears to be greater than 35% existing hard surface, we anticipate that SDCI drainage review will allow up to a 2,000 SF reduction in the hard surface area requiring management if OSM BMPs are utilized to the maximum extent feasible.

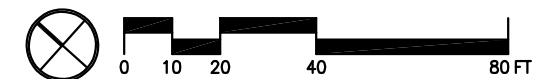
Site Analysis Plan

ACCESSIBLE PLAY, COURTS & GATHERING AREAS = < 2% BOTH DIRECTIONS
 ACCESSIBLE PATHWAYS = < 5% RUNNING SLOPE
 ACCESSIBLE RAMPS = < 8.3% EACH RAMP LENGTH / 2.5' VERT. MAX PER RAMP



* NOTE: PLAN BASED ON LIMITED RECORD DRAWING AND GRADING AVAILABILITY

SUNNYSIDE AVE N



January 8th, 2019