

WASHINGTON ELEMENTARY SCHOOL: SITE IMPROVEMENTS MASTER PLAN LEGEND

January 15th, 2016

1. ADMINISTRATIVE ENTRY (EXISTING); INSTALL VERTICAL PLANT MATERIAL IN PLANTER TO DEMARCATE ENTRY. INSTALL LARGE, VISIBLE 'MAIN ENTRANCE' SIGN ABOVE MAIN ENTRANCE
2. NATIVE PLANT WALKING OBSERVATION SCIENCE GARDEN WITH EXISTING REDWOOD TREE, LARGE MOSAICS / MURALS ON WALLS MADE BY STUDENTS & ART TEACHER. INCORPORATE LOGS AND ROCKS IN PLANTING ALONG BY BANCROFT AVENUE BUS
3. RELOCATED WHISPER DISHES
4. CHESS / CHECKERS BOARD / MATH TABLES, FIBONACCI SPIRAL, WORLD MAP, BUTTERFLY LABYRINTH, HOPSCOTCH, CHALK ART SPACE
5. 4-SQUARE COURTS
6. REMOVE EXISTING BENCHES AND TREE NEAR EXISTING WELCOME WALL
7. (2) EXISTING BASKETBALL COURTS WITH NEW PADS AROUND EXISTING POSTS
8. EXISTING EMERGENCY VEHICLE ACCESS (EVA)
9. CREATURE BENCH WITH NATURE AND FAIRY GARDEN PLAY AREA
10. BASKETBALL COURT WITH 10' HOOPS
11. BUDDY BENCH, PEACE PATH, AND JAPANESE HOPSCOTCH AT EXISTING TREES
12. EXISTING PLAY STRUCTURE AND WOOD FIBER PLAY SURFACE; REPAIR EXISTING STRUCTURE AND TOP UP FIBER SURFACING
13. EXISTING NATURE PLAY WITH LOGS AND STUMPS WITH NATURE/WILLOW PLAY HOUSES
14. NET PLAY STRUCTURE AND SLIDE ON ENGINEERED WOOD FIBER SAFETY SURFACING
15. WALL BALL PLAY AREA
16. RELOCATED LARGE WOOD PLATFORM WITH LOG AND STUMP NATURE PLAY
17. MUSIC PLAY ELEMENTS
18. REMOVE EXISTING PLAY STRUCTURE, REPLACE WITH PYRAMID-STYLE NET PLAY STRUCTURE ON ENGINEERED WOOD FIBER SAFETY SURFACING
19. EXISTING STAGE AND BOULDERS
20. NATURE PLAY WITH LOGS AND STUMPS AND IMAGINATION PLAY KIT WITH STORAGE BOX BY BACK FENCE.
21. REPAIR EXISTING PLAY STRUCTURE, REPLACE RUBBER SURFACE WITH ENGINEERED WOOD FIBER SAFETY SURFACING
22. DECOMPOSED GRANITE SURFACE, STABILIZED (A.D.A.-ACCESSIBLE)
23. DRINKING FOUNTAIN WITH 2 SPIGOTS AND BOTTLE FILLER, A.D.A.-ACCESSIBLE, WITH HOSE BIBS AND WATER LINES THROUGH FOREST FOR WATERING TREES IN THE FOREST AREA
24. RENOVATED NATURAL GRASS FIELD WITH IRRIGATION MODERNIZATION AND DRAINAGE IMPROVEMENTS
25. BIOFILTRATION RAIN GARDEN WITH EDUCATIONAL SIGNAGE
26. EXISTING SCHOOL GARDEN WITH LOCKABLE GATES AND COMPLETE FENCING (ENCLOSE COMPLETELY)
27. NATIVE POLLINATOR / SOLITARY BEE BOX WITH EDUCATIONAL SIGNAGE
28. TETHERBALL POLE AND STRIPING (FIXED)
29. PAINTED RIVER TO DELINEATE SCHOOL ADMINISTRATIVE ENTRY & CORRIDOR BETWEEN 2 CAMPUSES AND BEAUTIFY STREET PORTION OF CAMPUS; DIRECTIONAL SIGNAGE TO MAIN OFFICE
30. RELOCATED OR NEW BENCHES; REMOVE EXISTING SHRUBS, PRESERVE EXISTING TREES, STABILIZED DECOMPOSED GRANITE SURFACING
31. ADDITIONAL SHADE TREES AT BENCHES
32. (3) BIKE RACKS, (3) WOODEN PICNIC TABLES WITH UMBRELLAS, EXISTING TREE WITH RELOCATED WOOD PLATFORM
33. ADD BIKE RACKS TO MCKINLEY AVE, ADJACENT TO EXISTING RACKS, WHERE VIDEO SURVEILLANCE CAN OBSERVE
34. METAL, PERMANENT WELCOME BANNER SIGNAGE AND TEMPORARY EVENT SIGNAGE ABOVE EXISTING GATES. ART MOSAIC EXISTING GATE COLUMNS TO BEAUTIFY ENTRY
35. BOLLARDS AND BIKE SHARROW STRIPING, COORDINATE IMPROVEMENTS WITH CITY OF BERKELEY. RE-DEDICATE CLOSED PORTION OF ROADWAY TO PERMANENT PEDESTRIAN AND BIKE-ONLY ACCESS. REMOVEABLE BOLLARDS FOR FIRE DEPT ACCESS
36. EXPANDED PEDESTRIAN STREET CROSSING
37. KICKBALL STRIPING ON BLACKTOP PLAY SURFACE AND OPEN ASPHALT PLAY AREA FOR CREATIVE GAMES AND PLAY INCLUDING NON-STRIPED GAMES, CHALK ART, ETC.
38. SUPPLEMENT EXISTING / ADD NEW SHADE ELEMENTS TO THE SCHOOL'S SOUTH FACADE TO REDUCE INTERIOR HEAT GAIN
39. HORIZONTAL CLIMBING WALL WITH ENGINEERED WOOD FIBER SAFETY SURFACING; MODIFY AREAS AS NEEDED TO PRESERVE EXISTING FOREST
40. TRASH, COMPOST, AND RECYCLE BIN LOCATIONS/MODERN AND ATTRACTIVE CONTAINERS
41. MULCHED PLANTING BED WITH LIVING WILLOW FENCE, AND VINES AT CHAINLINK FENCE, ART AND CHALK BOARDS ON FENCE. NATIVE BUNCH GRASSES AT EDGES OF PAVING TO REDUCE MULCH DRIFT. LOGS IN MULCH
42. PRESERVE EXISTING SHADE TREE AT TOP OF STAIRS
43. BEAUTIFY EXISTING PLANTERS AT BUILDING WITH LARGE BAMBOO
44. TRACK STRIPING: 11 LAPS = 1 MILE
45. CROSS COUNTRY LOOP: 14 LAPS = 1 MILE
46. HIRE AN ARBORIST TO STRUCTURALLY PRUNE THE LARGE PINE TREE BY THE GARDEN TO PREVENT IT FROM OVER-SHADING THE GARDEN. STRUCTURAL PRUNING SHOULD PRESERVE THE STRUCTURE AND BEAUTY OF THE TREE.
47. WOOD ENCLOSURE AND RELOCATED RECYCLING BINS
48. COMPOST BIN LOCATION
49. RAISED BED SCENT EXPLORATION GARDEN AND STABILIZED DG PATHS (EDIBLE, FRAGRANT PLANTS LIKE ROSEMARY, THYME, LAVENDER, SAGE, CITRUS)
50. ADD TREES IN/THROUGHOUT FOREST
51. WALL MURAL LOCATIONS
52. RELOCATED MAINTENANCE ACCESS GATE AND ADA COMPLIANT BUILDING ENTRY



WASHINGTON ELEMENTARY SCHOOL: SITE IMPROVEMENTS
SITE COMMITTEE SELECTED DEVELOPMENT PLAN LEGEND

January 15th, 2016

PRIORITIES

- A1. NON-INFILL SYNTHETIC TURF WITH DRAINAGE AND EDUCATIONAL SIGNAGE
- A2. RENOVATED NATURAL GRASS FIELD (SEEDED) WITH IRRIGATION AND DRAINAGE IMPROVEMENTS. TIME GRASS ESTABLISHMENT TO OCCUR, DURING CONSTRUCTION.
- A3. REMOVE (E) TREES AND MULCH, RELOCATE EXISTING WOOD PLATFORMS AND LOGS , RE-PAVE AND RE-STRIPE KICKBALL, TRACK, 4-SQUARE AND HOPSCOTCH, ADD PADS AT (E) BASKETBALL POSTS.
- B. NET PLAY STRUCTURE AND SLIDE ON ENGINEERED WOOD FIBER SAFETY SURFACING
- C. CODE-REQUIRED ADA (AMERICANS WITH DISABILITIES ACT) MODERNIZATION INCLUDING HAND RAILS, BUILDING ENTRIES, AND ASSOCIATED SITE WORK
- D. YARD DRINKING FOUNTAIN WITH STUBOUT AND HOSE BIB

ALTERNATES

- E1. REMOVE SMALL TREES AND TREE WELLS, AT LOWER YARD AND PAVE FLUSH TO ADJACENT PAVING
- E2. ADD BOTTLE FILLER TO DRINKING FOUNTAIN
- E3. (5) LOGS IN FOREST



WASHINGTON ELEMENTARY SCHOOL: SCOPE OF WORK ESTIMATE FOR January 15th, 2016
SITE COMMITTEE SELECTED DEVELOPMENT PLAN

Washington Proposed Summer 2016 Scope of Work Estimate

Priorities		
A1	Non-infill synthetic turf with drainage and educational signage	\$ 60,000
A2	Renovated natural grass field (seeded) with irrigation and drainage improvements. Time grass establishment to occur, during construction.	\$ 35,000
A3	Remove existing trees and mulch, relocate existing wood platforms and logs, re-pave and re-stripe kickball, track, 4-square and hopscotch, add pads at existing basketball posts.	\$ 39,000
B	New net play structure and slide on engineered wood fiber safety surfacing	\$ 76,000
C	Code-required ADA (Americans with Disabilities Act) modernization including hand rails, building entries, and associated site work	\$ 25,000
D	New yard drinking fountain with stubout and hose bib	\$ 10,000
SUBTOTAL:		\$ 245,000
Contractor Overhead and Profit (15%)		\$ 36,750
Bonds & Insurance (2%)		\$ 4,900
Design Contingency (5%)		\$ 12,250.00
Base Bid Estimate		\$ 298,900
Additive Alternatives		
E1	Remove small trees and tree wells at lower yard and pave flush to adjacent paving	\$ 12,000
Contractor Overhead and Profit (15%)		\$ 1,800
Bonds & Insurance (2%)		\$ 276
Design Contingency (5%)		\$ 703.80
Additive Alternative Estimate:		\$ 14,780
E2	Add bottle filler to drinking fountain	\$ 3,500
Contractor Overhead and Profit (15%)		\$ 525
Bonds & Insurance (2%)		\$ 81
Design Contingency (5%)		\$ 205.28
Additive Alternative Estimate:		\$ 4,311
E3	(5) logs at forest	\$ 7,500
Contractor Overhead and Profit (15%)		\$ 1,125
Bonds & Insurance (2%)		\$ 173
Design Contingency (5%)		\$ 439.88
Additive Alternative Estimate:		\$ 9,237
Base Bid + Additive Alternatives Estimate:		\$ 327,228