

IMAGE SOURCE:
CUMBERLAND LAKE PARK
WATERFRONT AREA UPGRADE DESIGN (2017)
BY: LANARC



LPS SHORELINE RESTORATION W/ PLAY ELEMENTS
GENERAL CONCEPT & LOCATION

SCALE 1/16" = 1'-0" (1:192)

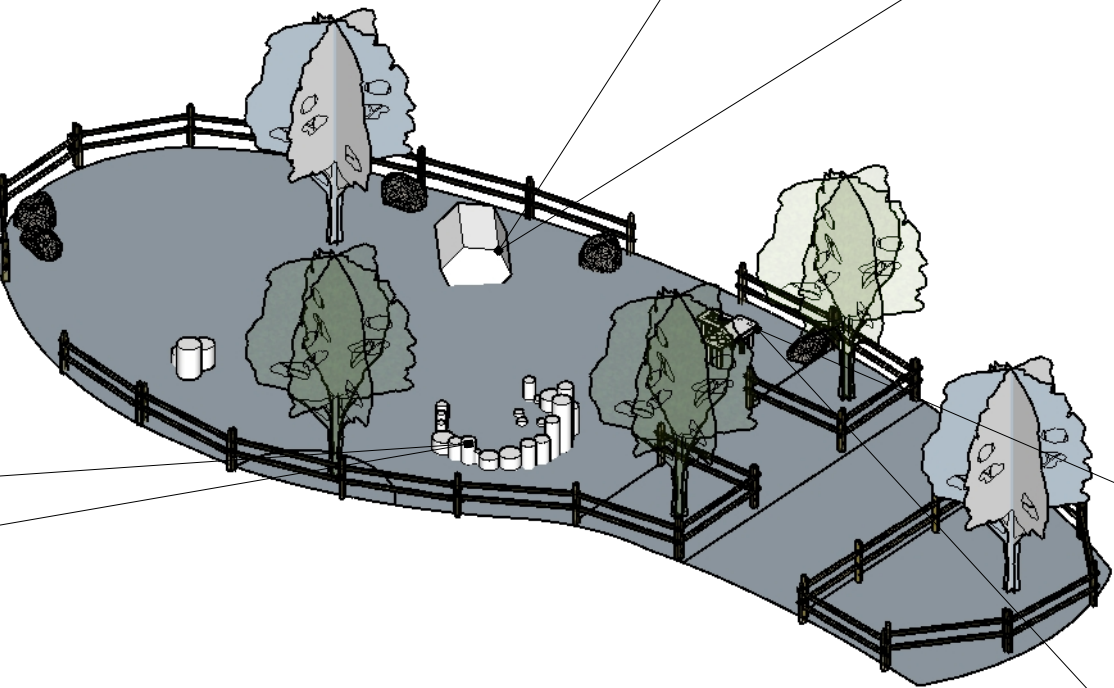
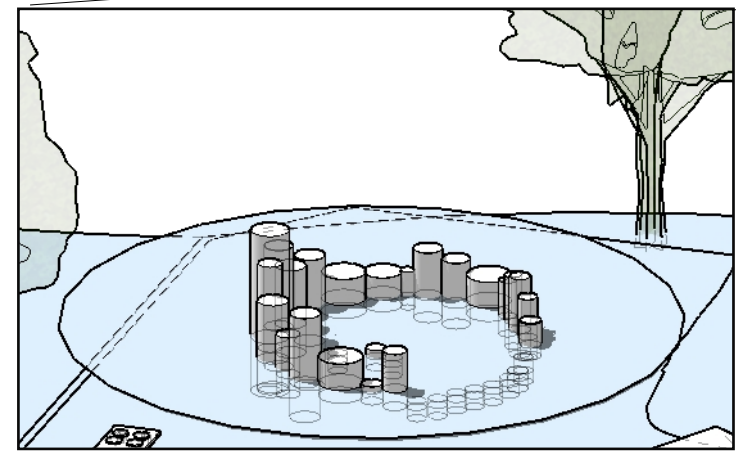
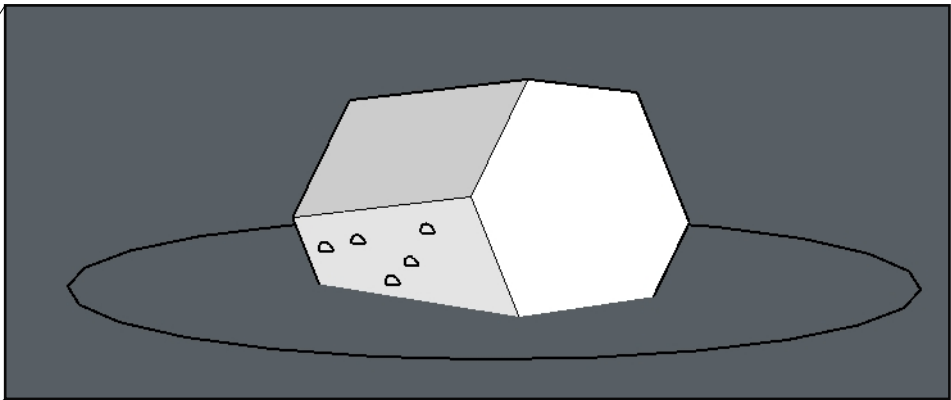


DESIGNER: NANCY SILVERSTEIN

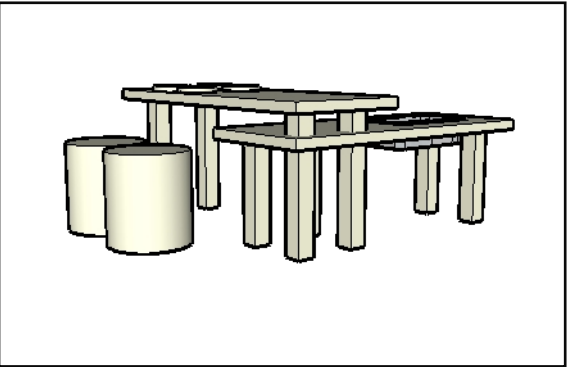
REVISIONS		
MM/DD/YY	REMARKS	
1 02/22/21	...	
2 06/23/21	Remove shade sail	
3 02/16/22		
4 10/27/22	New slide revisions (cargo net)	
5 05/06/23	Restoration focus	

OBLIQUE VIEW

CEDAR PERCH



SAND KITCHEN



STUMP CIRCLE

LPS SHORELINE RESTORATION W/ PLAY ELEMENTS
FENCING AND PLAY STRUCTURES OVERVIEW

NFS

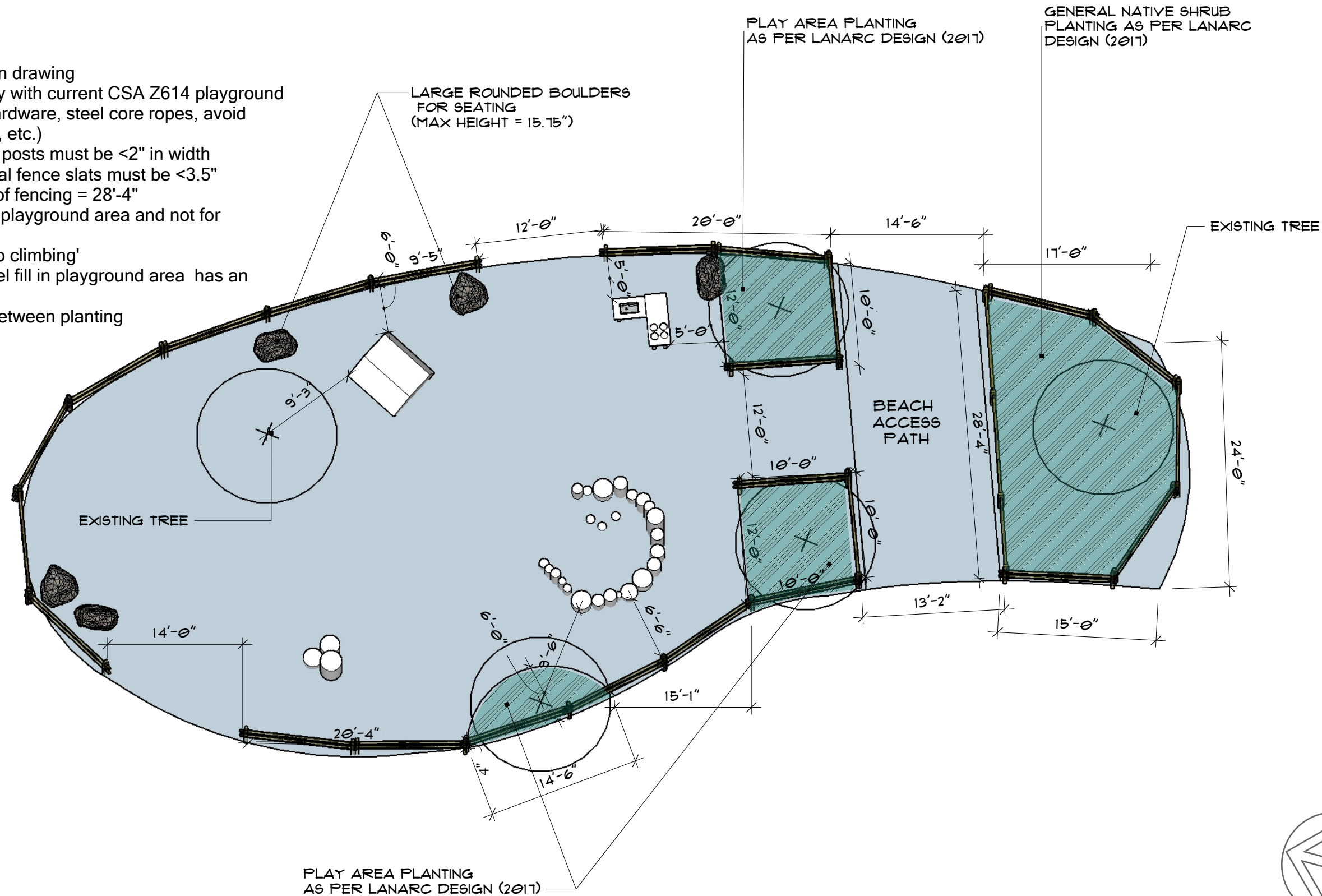


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BUILDING NOTES

- This is NOT a construction drawing
- All structures must comply with current CSA Z614 playground standards (i.e. recessed hardware, steel core ropes, avoid entrapment spaces (<9-0"), etc.)
- Top fence rail AND top of posts must be <2" in width
- Spaces between horizontal fence slats must be <3.5"
- Approximate total length of fencing = 28'-4"
- Fencing is for delineating playground area and not for containment
- Add signage indicating 'no climbing'
- Existing loose sand/gravel fill in playground area has an average depth of 2-2.5'
- Robust edging required between planting beds & sand surfacing



LPS SHORELINE RESTORATION W/ PLAY ELEMENTS
APPROXIMATE MEASUREMENTS- LAYOUT

1" = 10' (1:120)



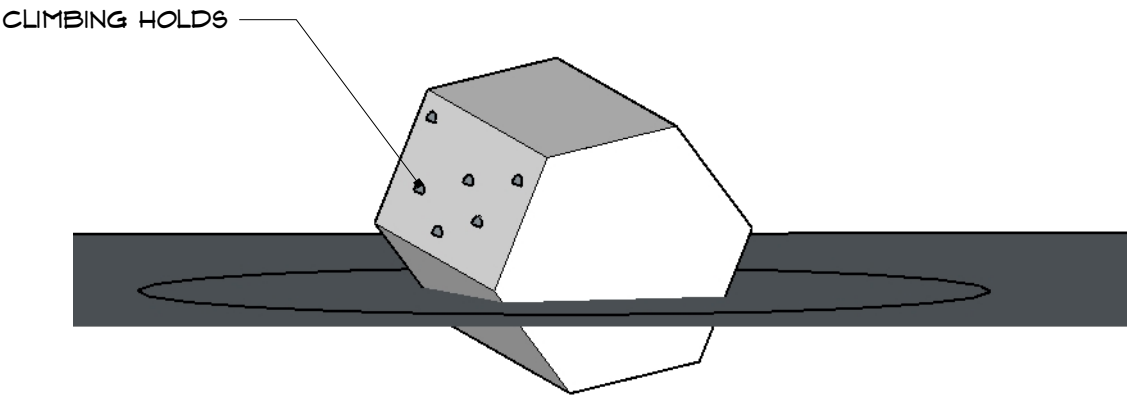
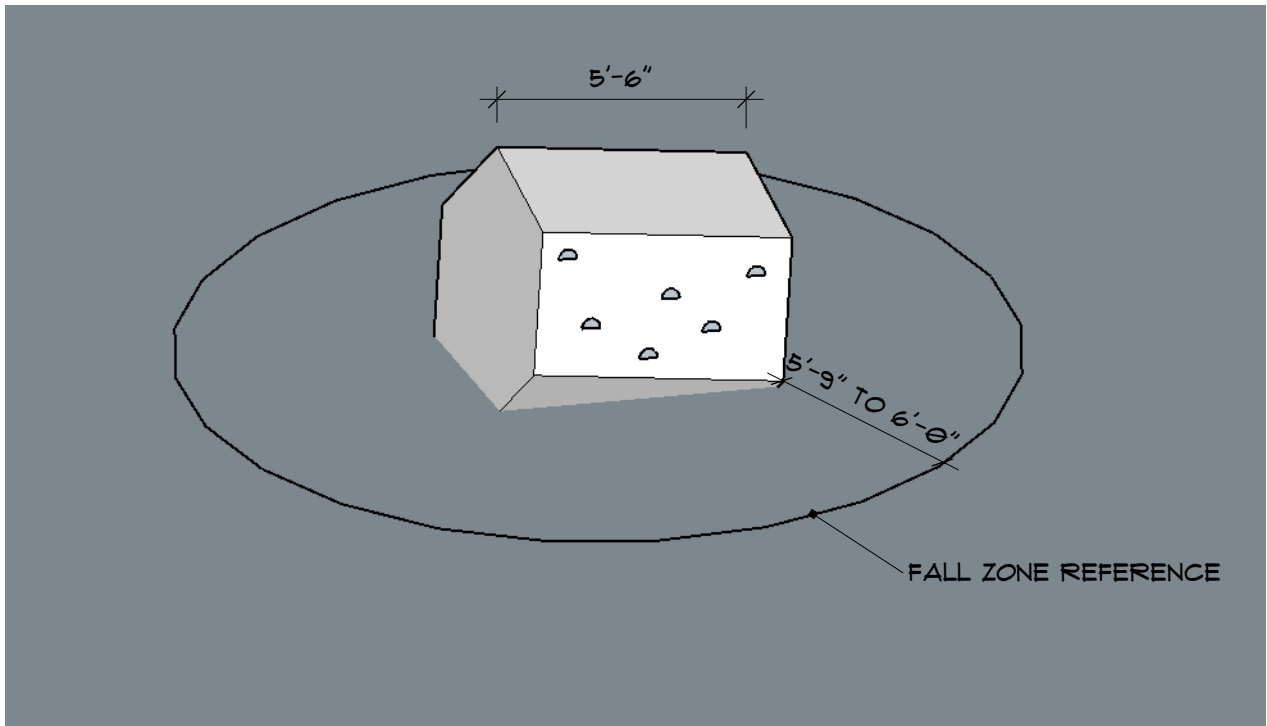
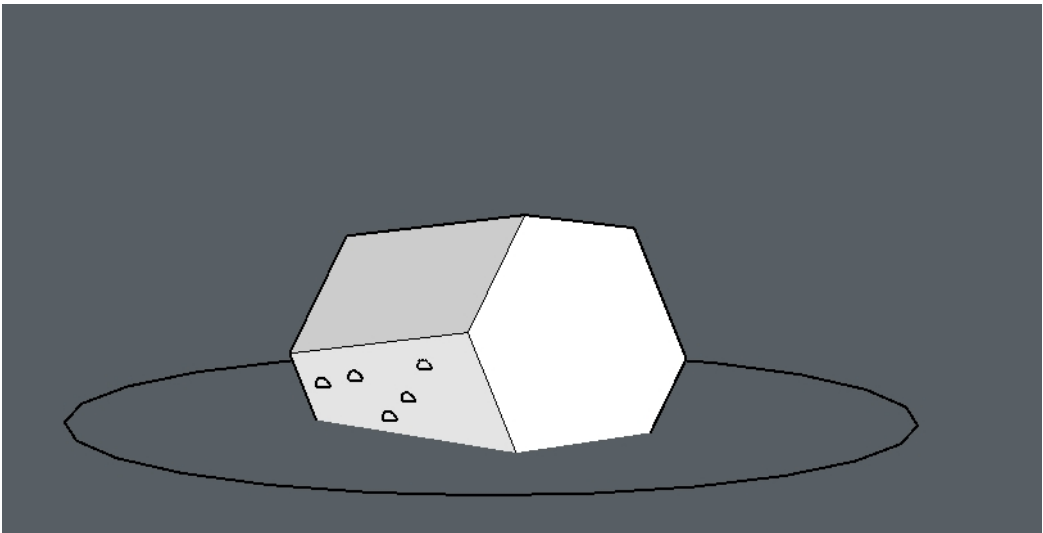
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BUILDING NOTES

- Existing loose sand/gravel fill in playground area has an average depth of 2-2.5'; fall zone surrounding element (5-9" to 6-0') must be excavated and refilled with 14" fine grain sand.
- All structures must comply with current CSA Z614 playground standards (i.e. recessed hardware, steel core ropes, avoid entrapment spaces, etc).
- Brace into offset position and in most stable orientation (bottom heavy).
- Climbing notches (hand/foot holds) must be minimum 1" deep x 3" wide.
- Cedar log to be sourced from Village of Cumberland staff (Kevin McPhedran).
- Remove bark and remove all sharp edges via sanding/rounding to avoid potential injury to users; otherwise leave as much of natural shape/form and surface as possible.



LPS SHORELINE RESTORATION W/ PLAY ELEMENTS
ELEMENT DRAWINGS - CEDAR PERCH

SCALE 1/4" = 1'-0" (1:48)

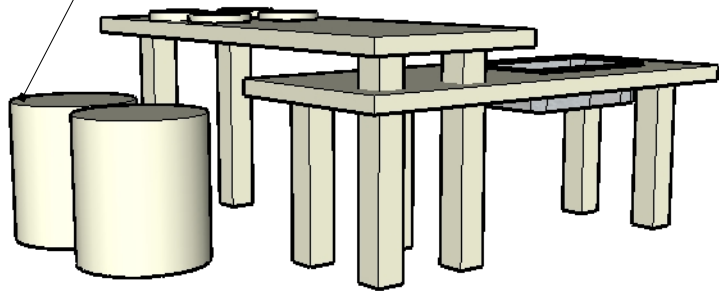


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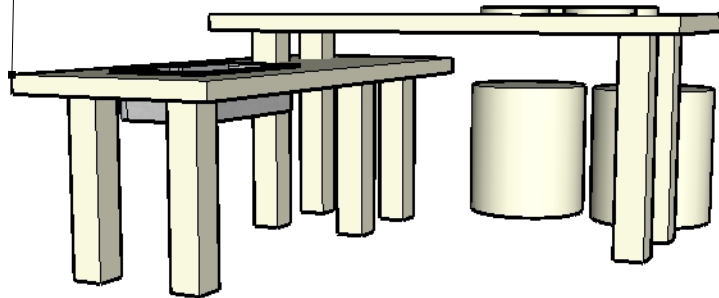
OBLIQUE VIEW #1

APPROX 15'-0" ABOVE
GROUND LEVEL



HEIGHT OF LOWER
TABLE = APPROX 22"

OBLIQUE VIEW #2



HEIGHT OF UPPER
TABLE = APPROX 31"-32"

BUILDING NOTES

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- All structures must comply with current CSA Z614 playground standards (i.e. recessed hardware, steel core ropes, avoid entrapment spaces (<9-0"), etc.)
- 2+ stump stools for seating at upper table top must be <15.75" in height
- Use raw edge slabs for table tops if available
- Orient structure to maximize ease of access for wheelchairs (minimal turning in sand)
- 4 x wood rounds sit 1" above table surface (DIAM = approx. 6")
- Upcycled kitchen sink with open drain on lower table top
- Vertical distance between upper table and lower table must be <3" or >9"
- Signage indicating intended age of users required (2-5yrs)

TOP VIEW

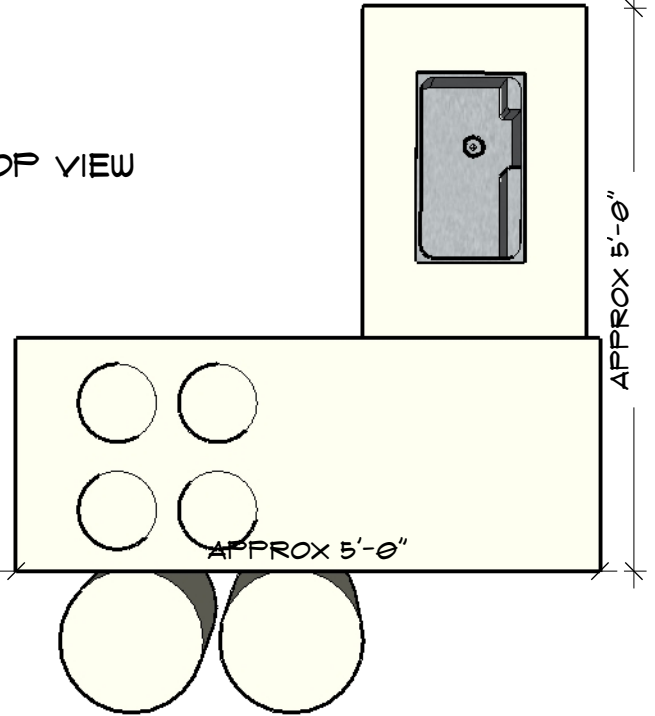


IMAGE CREDIT: UNKNOWN



LPS SHORELINE RESTORATION W/ PLAY ELEMENTS
ELEMENT DRAWINGS - SAND KITCHEN

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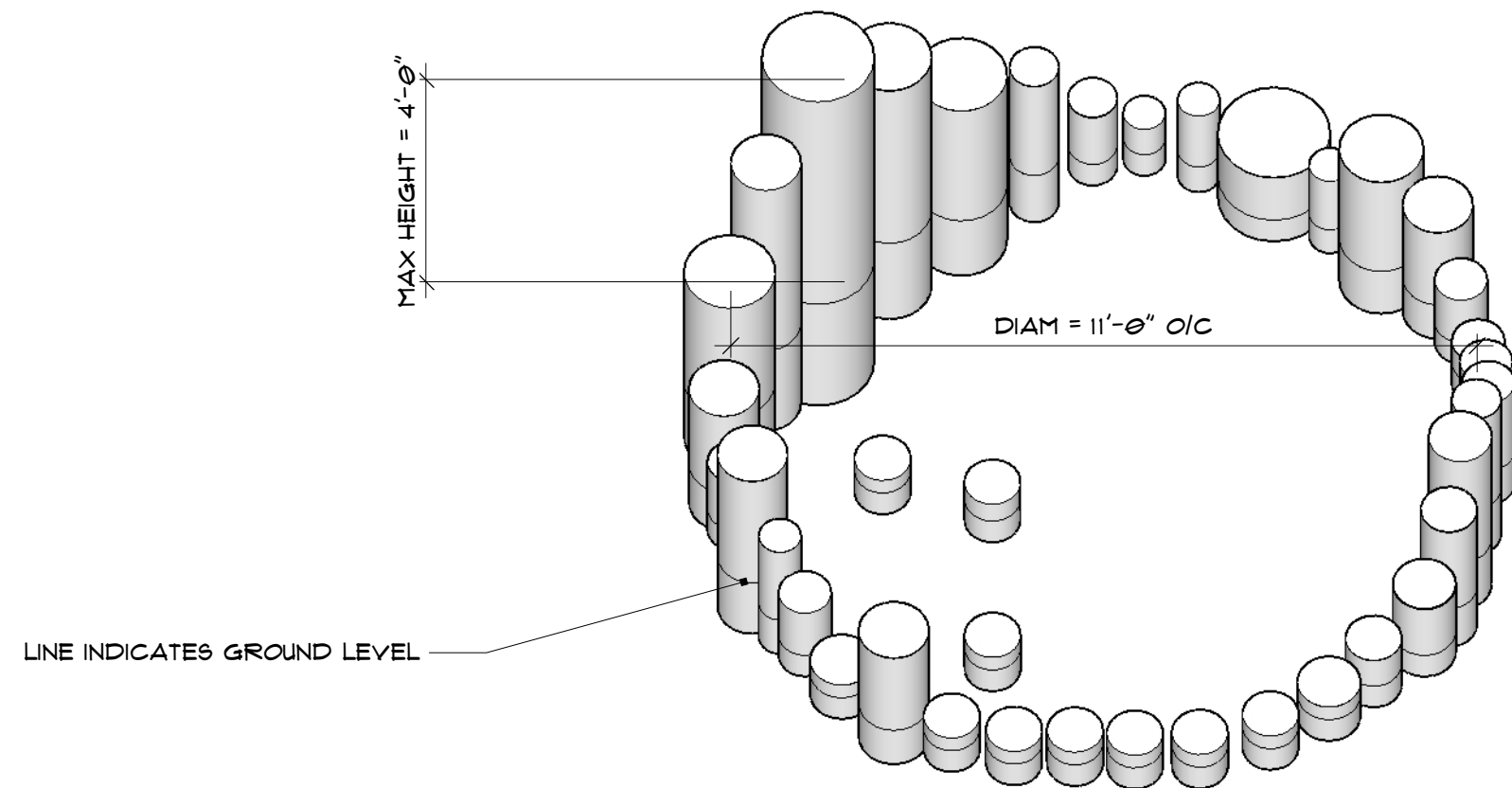
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- 3+ stump stepping stones in centre plus additional stepping stones outside the stump circle for connecting to adjacent elements
- exact placement of stump circle TBD in field; must allow sufficient space between adjacent elements (as per CSA standards); ideal placement will maximize protection afforded by sail shade
- one or more post(s) for sail shade may be included in the stump circle itself
- place higher stumps on fence side of circle to maintain lines of sight for supervision purposes
- keep one large section of stumps low (approx. 6"-10" above ground level) for accessibility purposes
- Any stumps >15.75" in height require a 6-0' no encroachment zone AND addition of 14" min. fine sand in fall zone

LPS SHORELINE RESTORATION W/ PLAY ELEMENTS ELEMENT DRAWINGS - STUMP CIRCLE

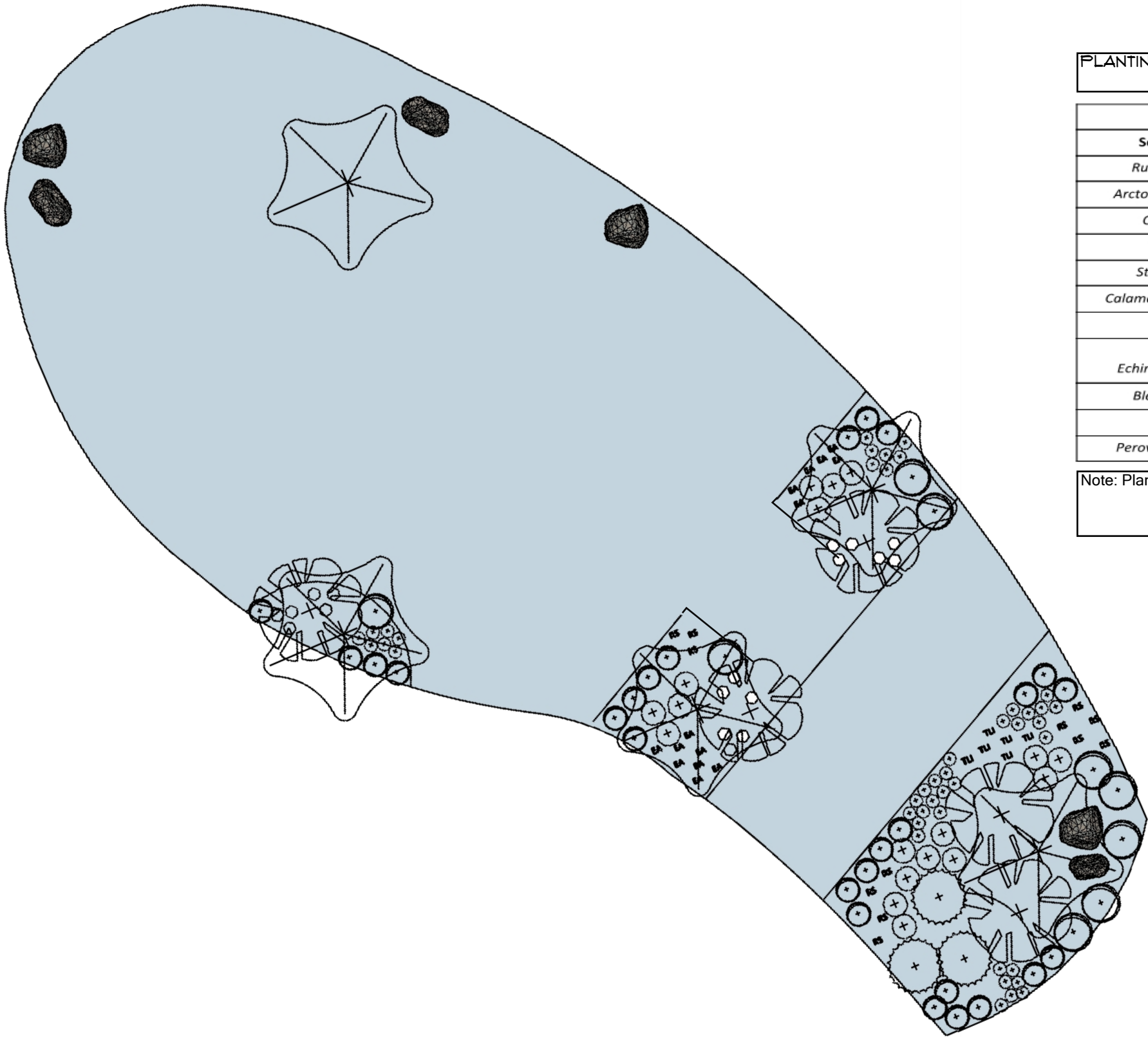
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PLANTING ZONES - CANDIDATE SPECIES LIST

Scientific Name	Common Name	Suggested Variety	Qty
<i>Rubus parviflorus</i>	Flowering Thimbleberry		3
<i>Arctostaphylos uva-uris</i>	Kinnikinnick	Vancouver Jade	26
<i>Cornus sericea</i>	Red Osier Dogwood		5
<i>Acer rubrum</i>	Red Maple	October Glory	3
<i>Stipa tenuissima</i>	Feather Grass		43
<i>Calamagrostis x acutiflora</i>	Feather Reed Grass	Karl Foerster	18
<i>Narcissus</i>	Daffodil	King Alfred	50 approx
<i>Echinacea angustifolia</i>	Narrow-leaf Coneflower (Echinacea)		14
<i>Blechnum spicant</i>	Deer Fern		9
<i>Iris tenax</i>	Tough-leaf Iris		6
<i>Perovskia atriplicifolia</i>	Compact Russian Sage	Little Spire	9

Note: Plant sizes and placement available upon request

INSTALLATION NOTES

- All landscaping installation and maintenance shall conform to the BCSLA/BCNTA landscape standard (current edition);
- All planted areas shall have the following depth approved topsoils: shrubs = 450mm; ground cover & grass = 300mm; trees = 300mm.
- All irrigation to be installed according to Irrigation Association of BC standards;
- Temporary fencing (Minimum height = 1.25m) and signage to be placed outside drip lines of any trees to be retained;
- Robust cedar or similar edging to be used between planting areas and sand surfacing.

Note:

- Adequate environmental protections must be taken to protect any environmentally sensitive areas, riparian areas or watercourses on site;
- Some grading of sand at centre of play area required prior to start of project.

LPS SHORELINE RESTORATION W/ PLAY ELEMENTS
PLANTING PLAN OVERVIEW

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