

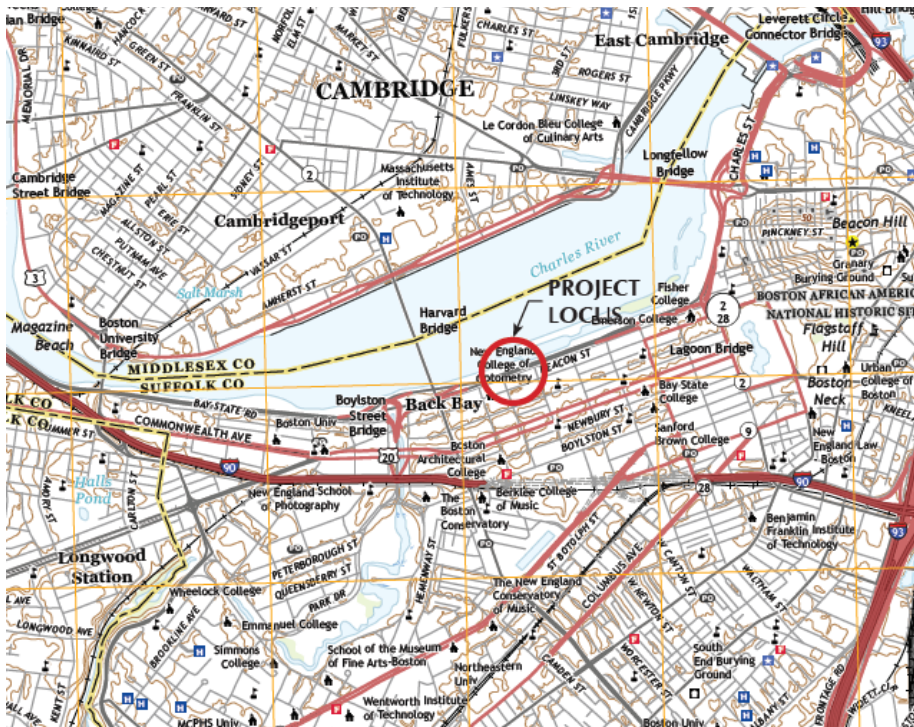
Miriam & Sidney Stoneman Playground Improvements



Boston Landmarks Commission
December 10, 2019

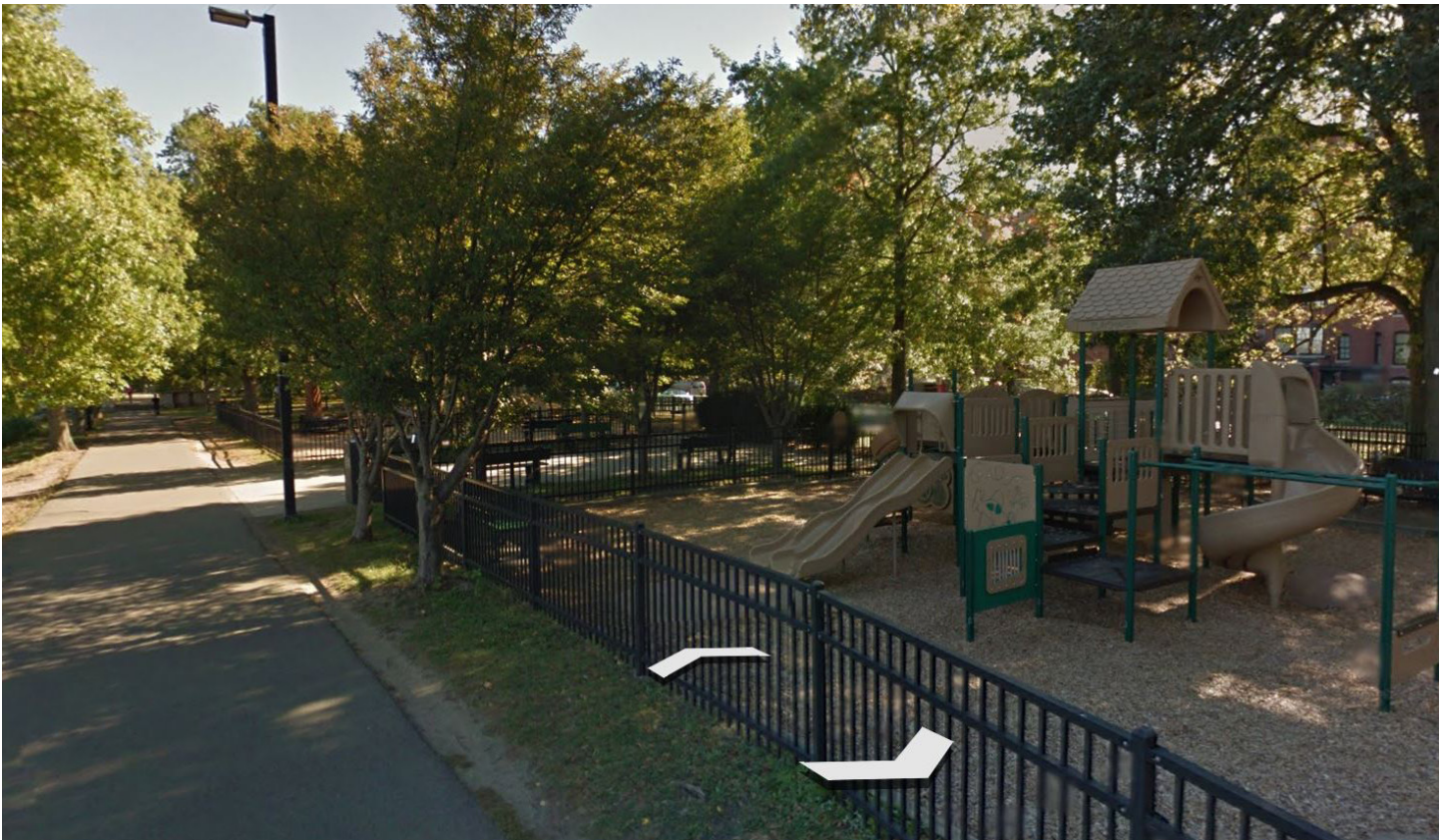
Project Background

- Playground was built in 2001 with play areas for ages 2-5 and 5-12
- In 2018, it was determined that playground upgrades were warranted





View from the east of the Project Site looking southwest



View of the Project Site looking east from the Charles River Esplanade

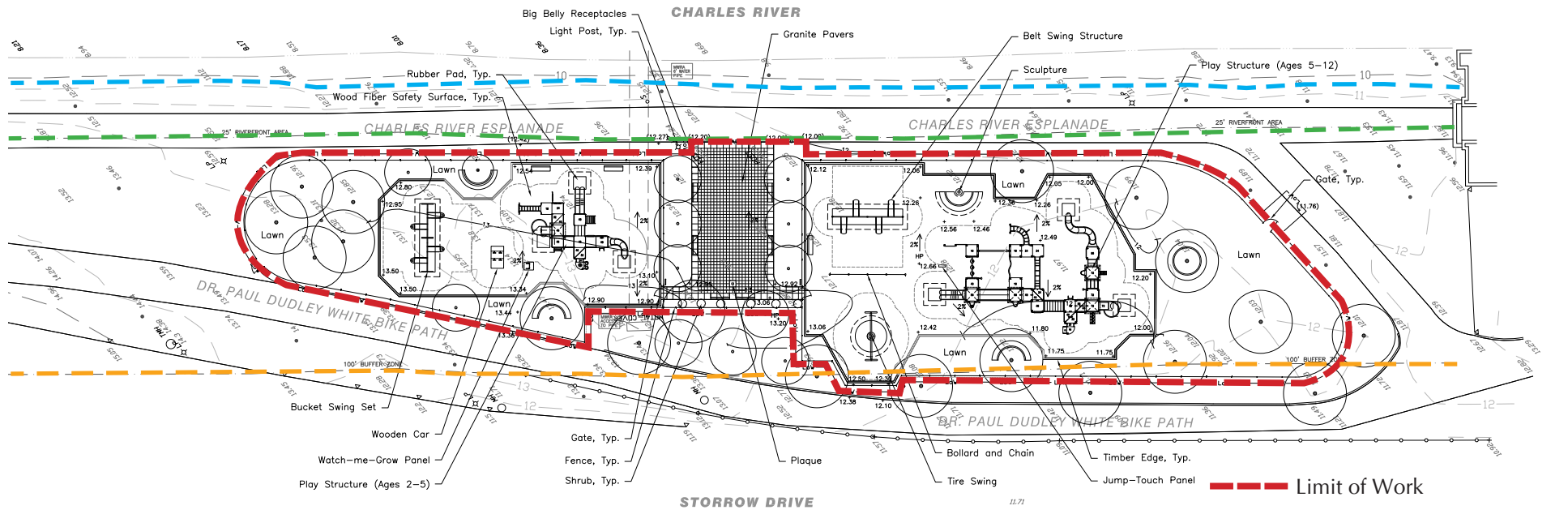


View of the entry plaza looking east from the Charles River Esplanade







View of the Project Site and Dr. Paul Dudley White Bike Path looking north from Storrow Drive

Stoneman Playground Improvements

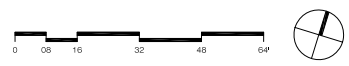


- ▬▬▬ Limit of Work
- ▬▬▬ 25' Riverfront Area
- ▬▬▬ 100' Buffer Zone from Bank
- ▬▬▬ Approximate FEMA Flood Zone (10.46 feet BCB)

EXISTING CONDITIONS NOTE
 Existing Conditions Plan is based off of the 2001 MDC Esplanade Playground Construction Documents and field observations and measurements recorded June, 2019.

- EXISTING CONDITIONS LEGEND**
-  Tree
 -  Semi-circular Metal Bench
 -  Bench
 -  Circular Metal Bench

Datum: Boston City Base



Project Objectives

1. Replace **old, worn-out** equipment
2. Improve equipment **accessibility**
3. Improve equipment **play value and interactivity**
4. Incorporate nature- and music-themed equipment to **create a sense of place**



Project Partners

- Department of Conservation and Recreation
- CBA Landscape Architects
- Fort Point Associates,
Inc.



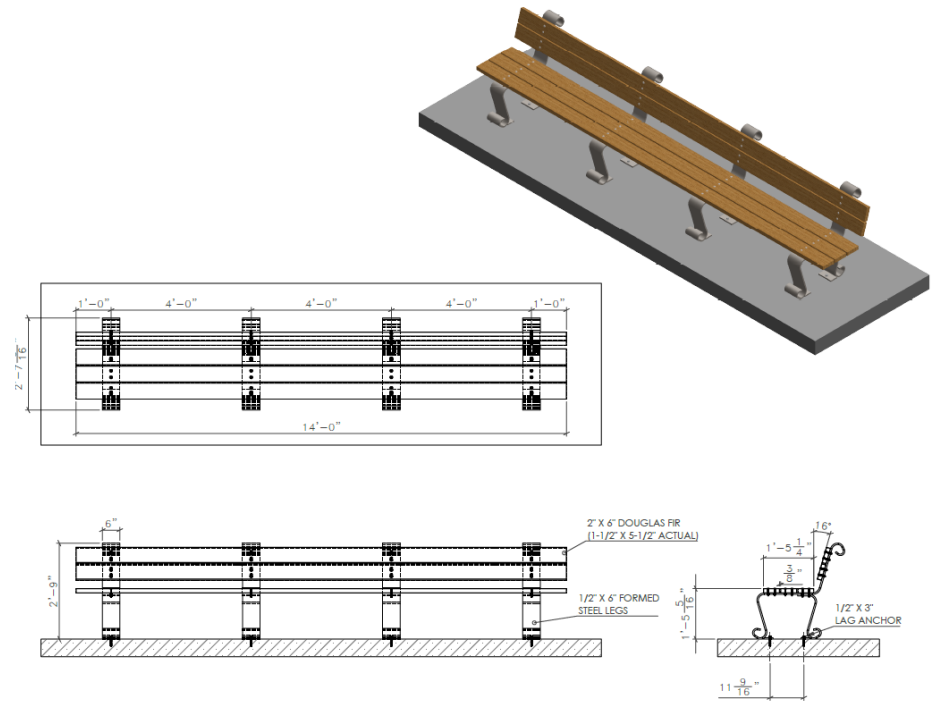
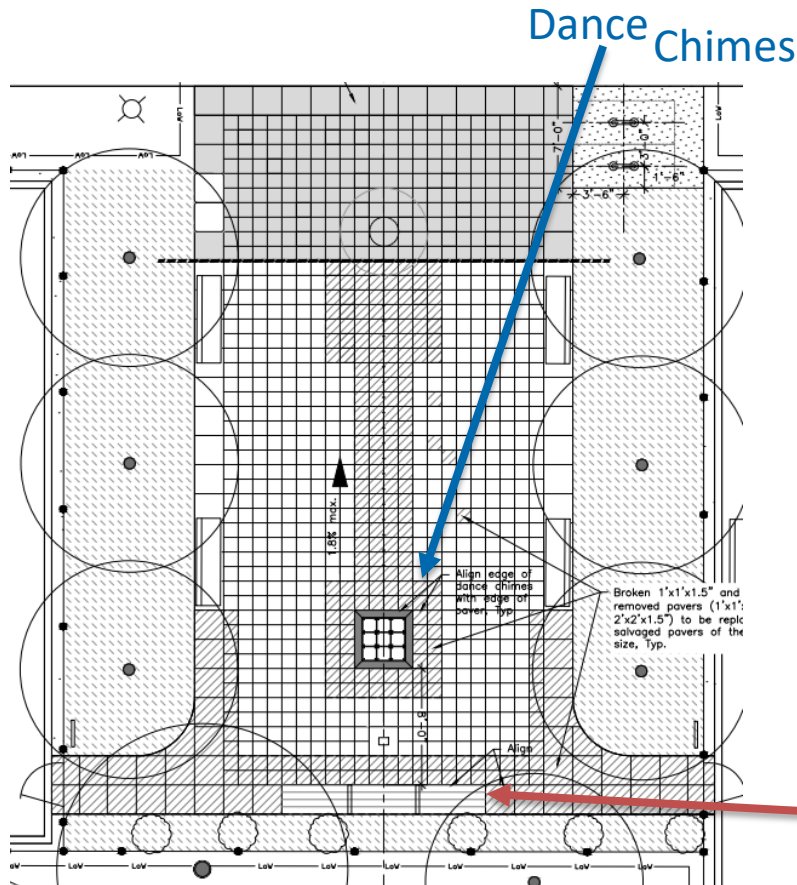
Project Scope: Music Play

Dance Chimes will be installed on the playground's entry plaza:



Project Scope: Music Play

Dance Chimes will be accompanied by a bench in the Shurcliff style, painted dark green



Project Scope: Music Play

Sonora and Tumbadora Drums will be installed in a crushed stone dust pathway area, improving accessibility

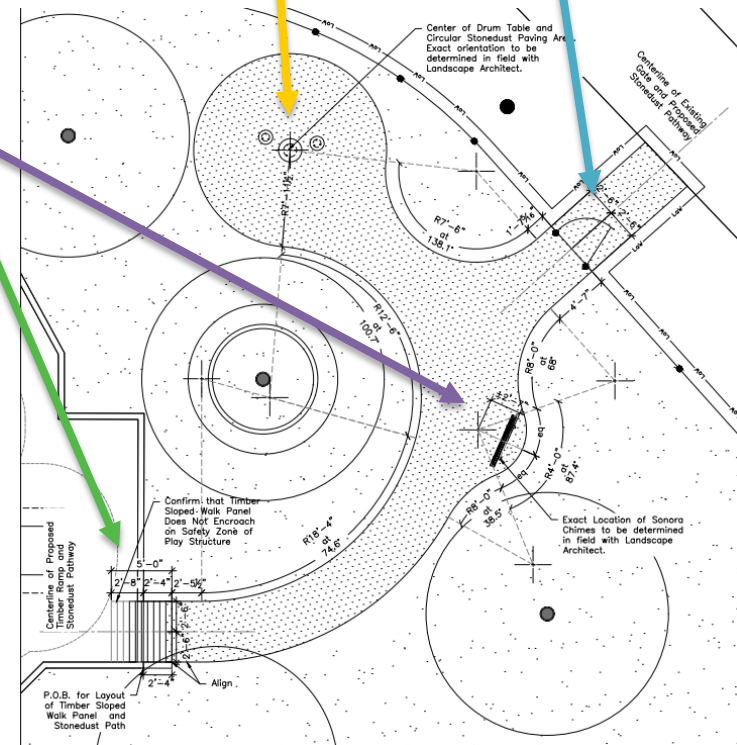


Access ramp from 5-12 playground

Sonora

Tumbadora

Existing access gate



Project Scope: Music Play

Sonora and Tumbadora Drums will be installed in a crushed stone dust pathway area, improving accessibility

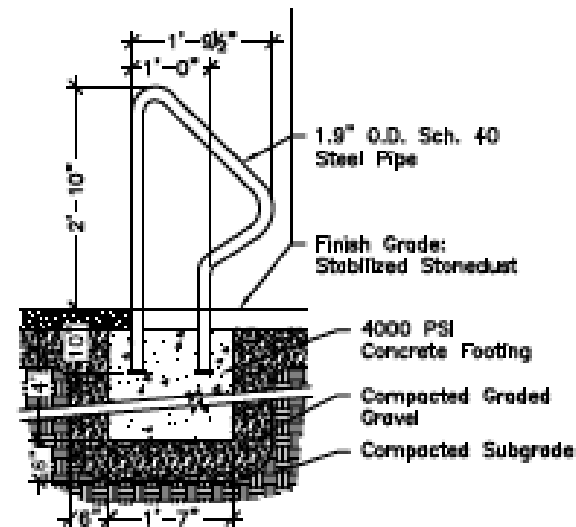


Existing access
gate

Access ramp from
5-12 playground

Project Scope: Entry Plaza

- Bench with Dance Chimes
- Replacing cracked & uneven granite plaza pavers
- Adding (2) bike racks



NOTES:

1. Bike Rack to be Embedded Mount Swerve Bike Rack by Dero Bike Racks, of Fridley, MN. Or Approved Equal.
2. Bike rack to be hot dip galvanized steel. Color to be black.
3. Submit product literature for approval by Landscape Architect prior to ordering.
4. Follow all Manufacturer's installation instructions and specifications.

6

Bike Rack on Stonedust

Scale: $\frac{3}{4}'' = 1'-0''$

Project Scope:

Increasing Play Value for ages 2-5

- Remove:
 - Broken Gear Panel
 - Broken Periscope Panel
- Install:
 - Ring-A-Bell Panel
 - Bongos Panel
- Repair:
 - Wooden Car
- Donate:
 - Watch-Me-Grow Panel



Project Scope:

Increasing Play Value for ages 2-5



Watch-Me-Grow Panel



Ring-A-Bell Panel, to be ordered in matching green and beige colors

Bongos Panel, to be ordered in matching green and beige colors



Project Scope:

Increasing Play Value for ages 5-12

- Replace:
 - Corkscrew and Fire pole
 - Net climber and Ladder climber
- Donate:
 - Jump Touch Panel
 - Net climber and Ladder climber
- Remove:
 - Bollard and chain

Non-compliant
Fire pole



Non-compliant
Corkscrew

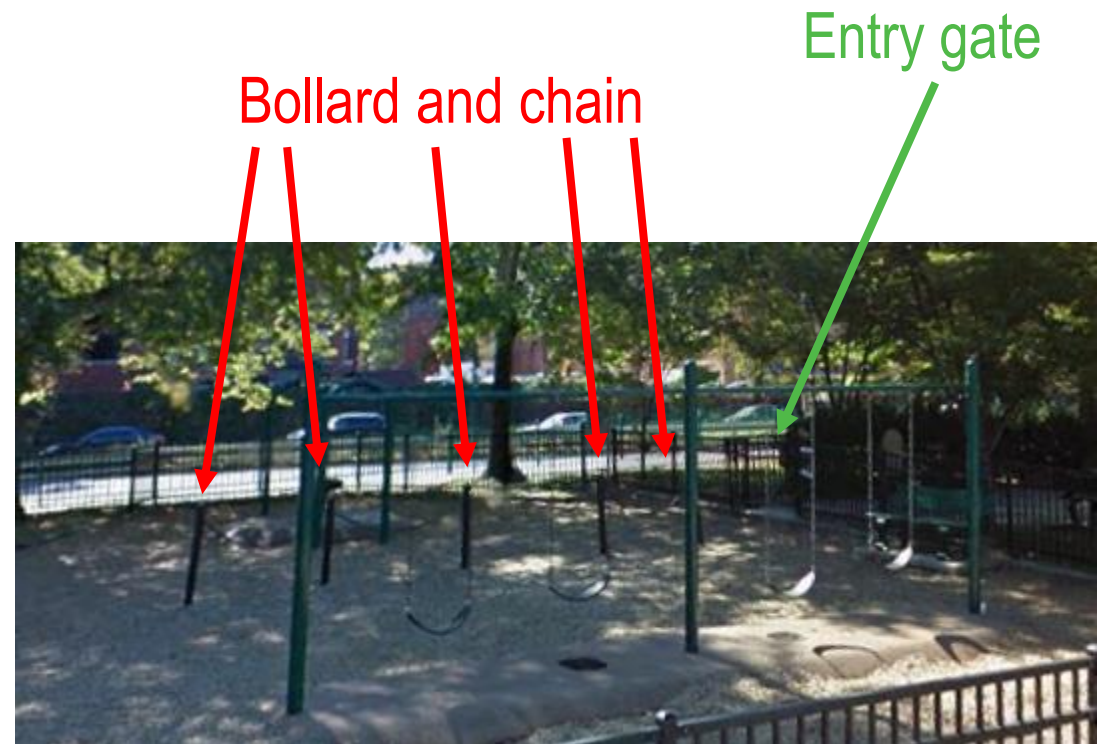


Project Scope:

Increasing Accessibility and Aesthetics



Net will be donated and replaced with matching color



Project Scope:

Increasing Accessibility and Aesthetics

- Replenish safety surfacing (Engineered Wood Fiber, or EWF)
- Bring tree benches within playground borders to improve accessibility
- Lawn aeration & reseeded



Move border to make bench accessible



Add more
EWF

Thank You!

Appendix

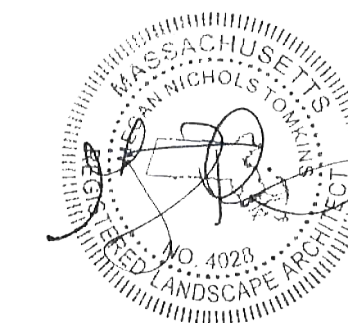
STONEMAN PLAYGROUND IMPROVEMENTS

Charles River Esplanade
Boston, MA

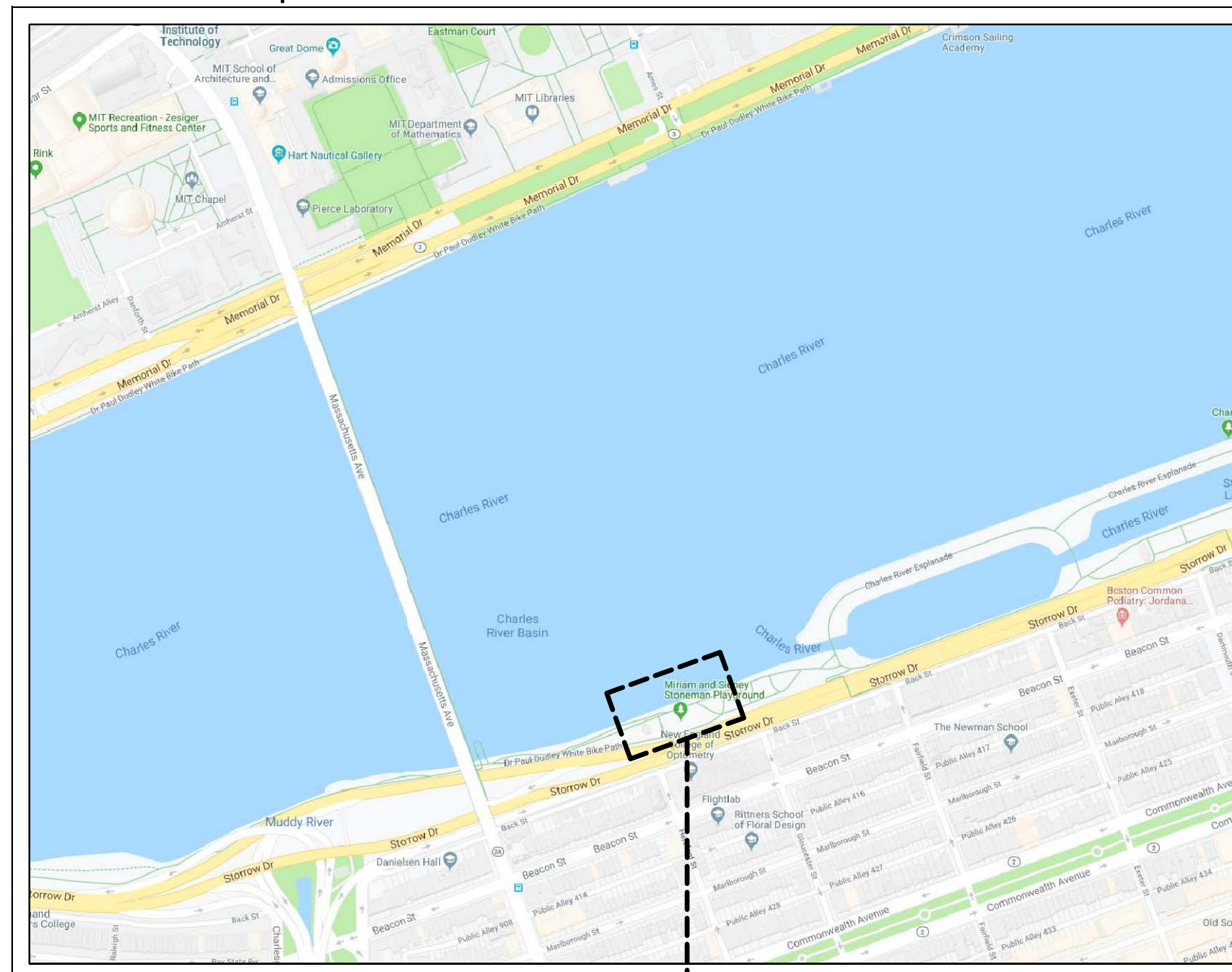
CBA | Landscape Architects LLC

24 THORNDIKE STREET | CAMBRIDGE MA 02141
phone 617.945.9760 | www.cbaland.com | cba@cbaland.com

landscape architecture | urban design | master planning



Locus Map

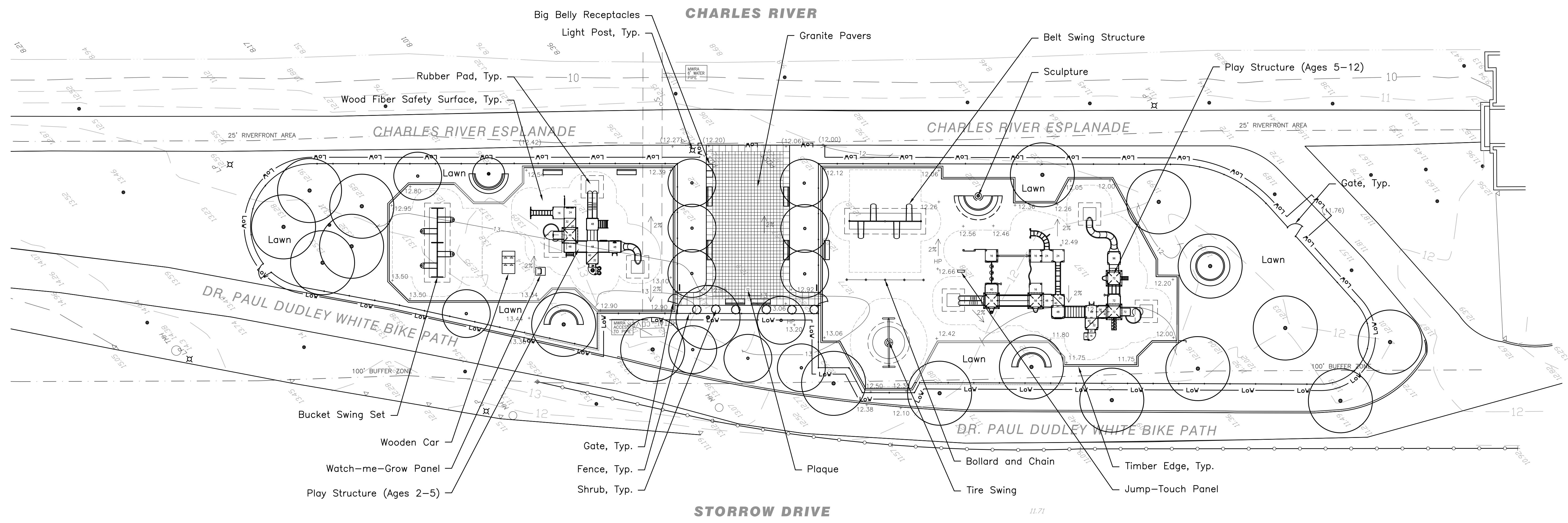


Project Location

September 30, 2019
Construction Documents

DRAWING LIST CBA - Project No. 1907

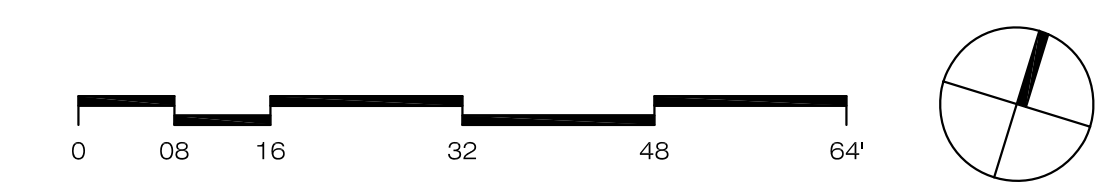
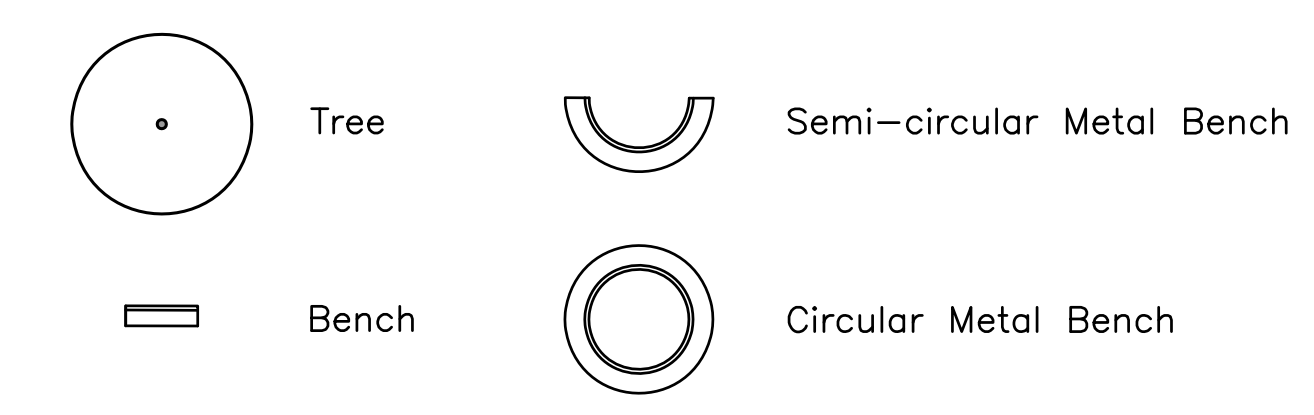
- L0.1 Existing Conditions Plan
- L1.0 Removals Plan
- L2.0 Materials & Layout Plan
- L2.1 Materials & Layout Enlargements
- L3.0 Site Details
- L3.1 Site Details



EXISTING CONDITIONS NOTE

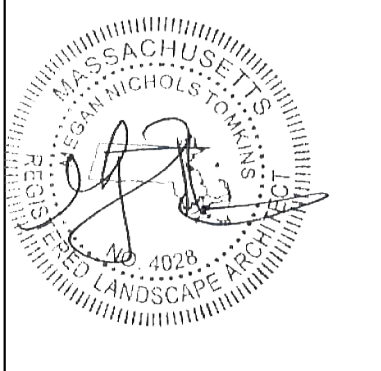
Existing Conditions Plan is based off of the 2001 MDC Esplanade Playground Construction Documents and field observations and measurements recorded June, 2019.

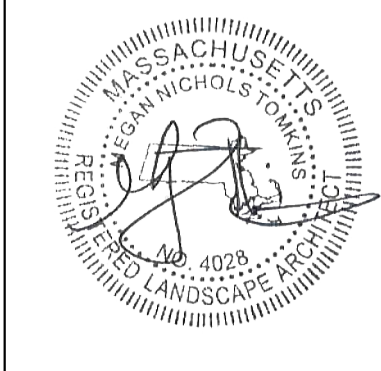
EXISTING CONDITIONS LEGEND



STONEMAN PLAYGROUND
 Boston, MA
EXISTING CONDITIONS PLAN

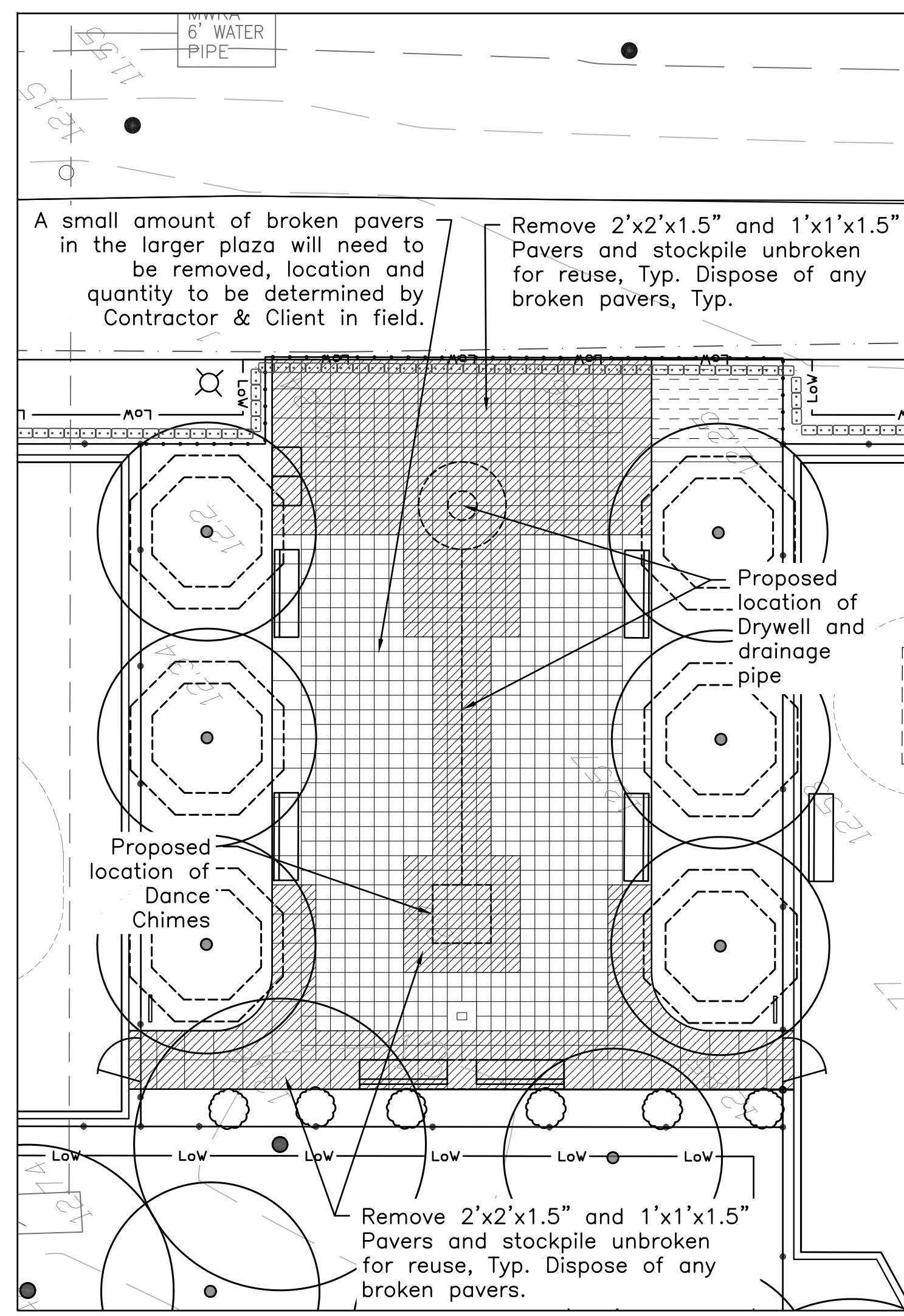
DATE:	09-30-2019
SCALE:	1/16" = 1' - 0"
FILE:	1907-L1-D-E.C. & Demo.dwg
DWN BY:	JHC
CKD BY:	CCB/MT
PROJ. #:	1907





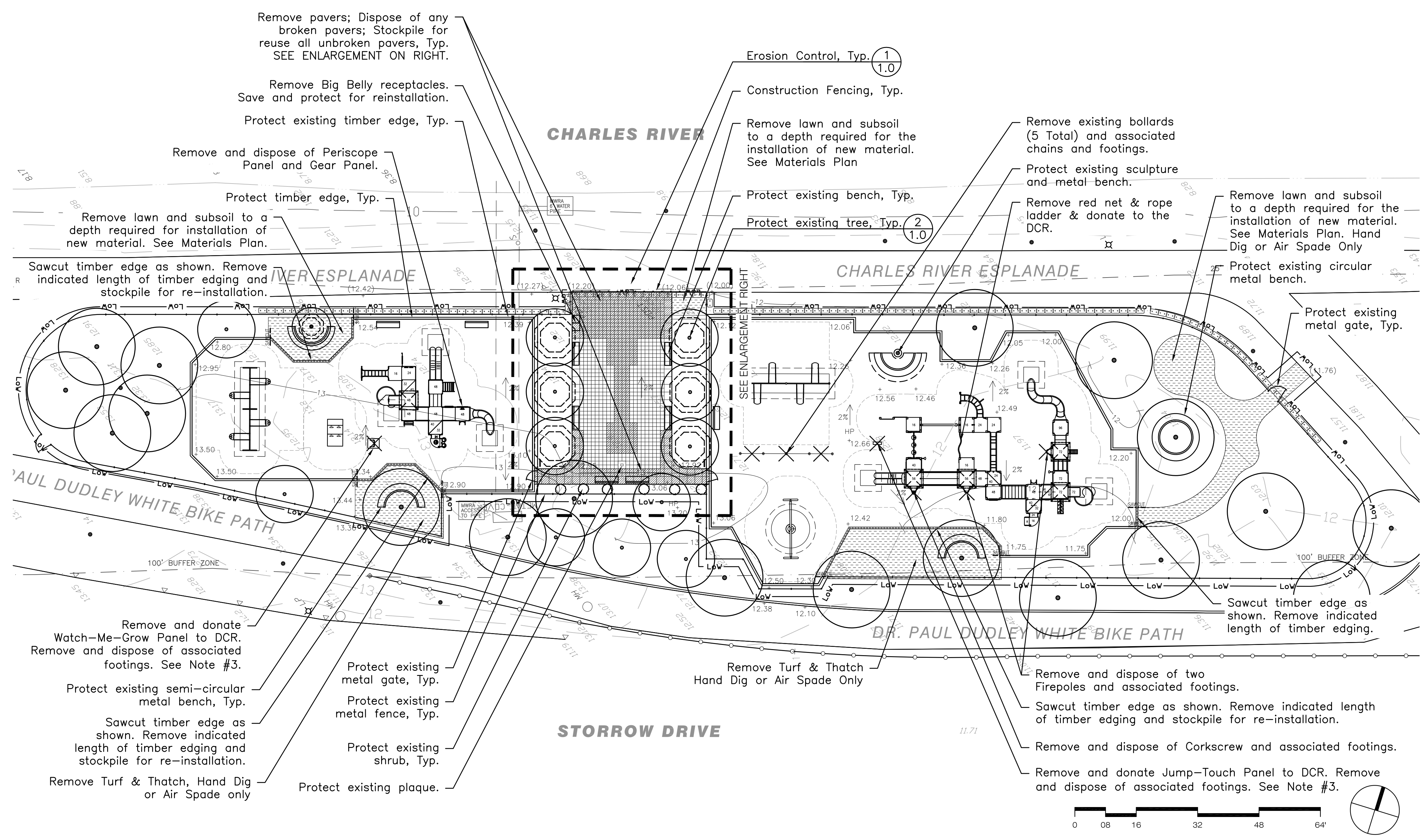
ENTRY PLAZA ENLARGEMENT

Scale: 1/8" = 1'-0"



NOTE

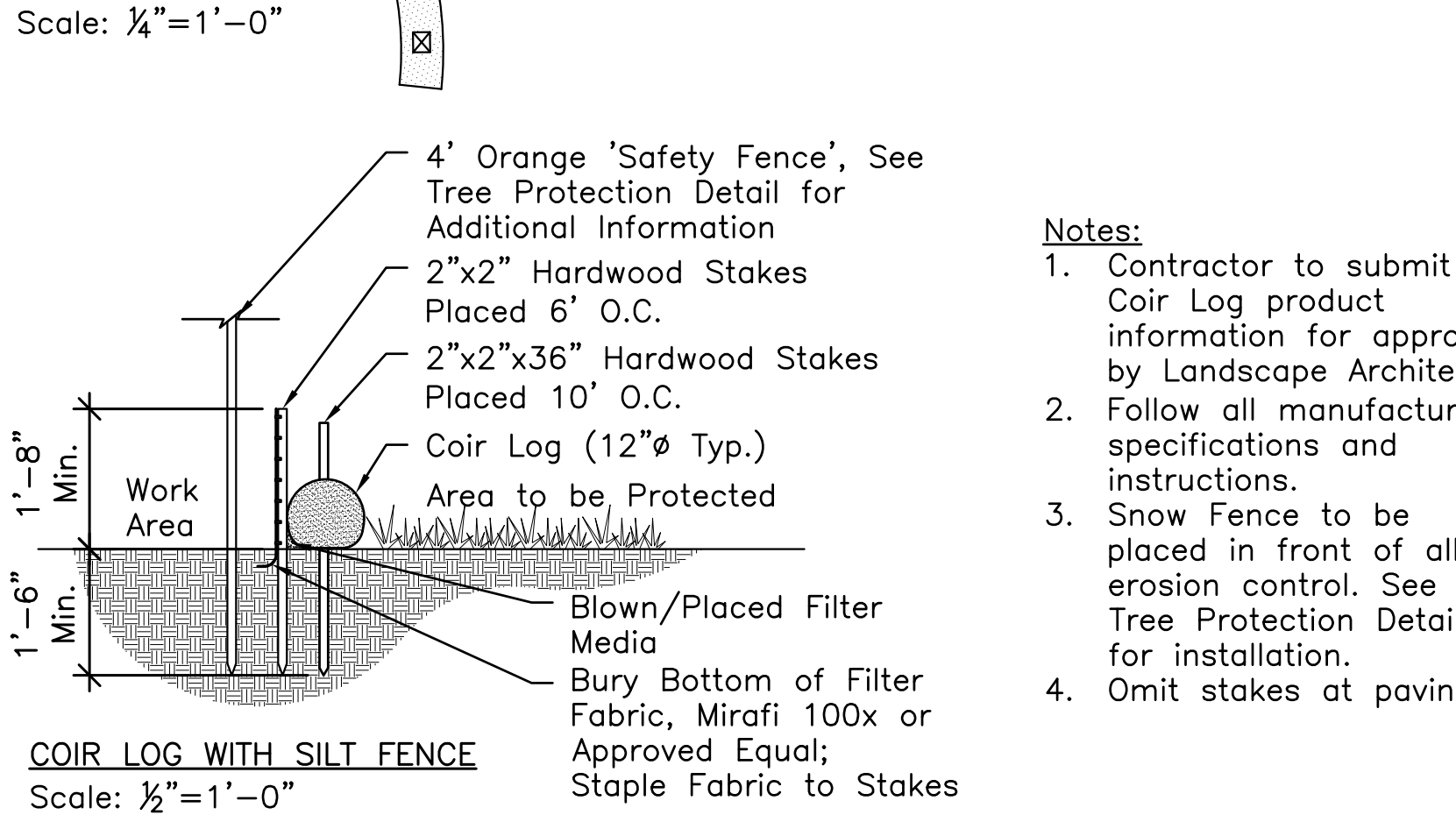
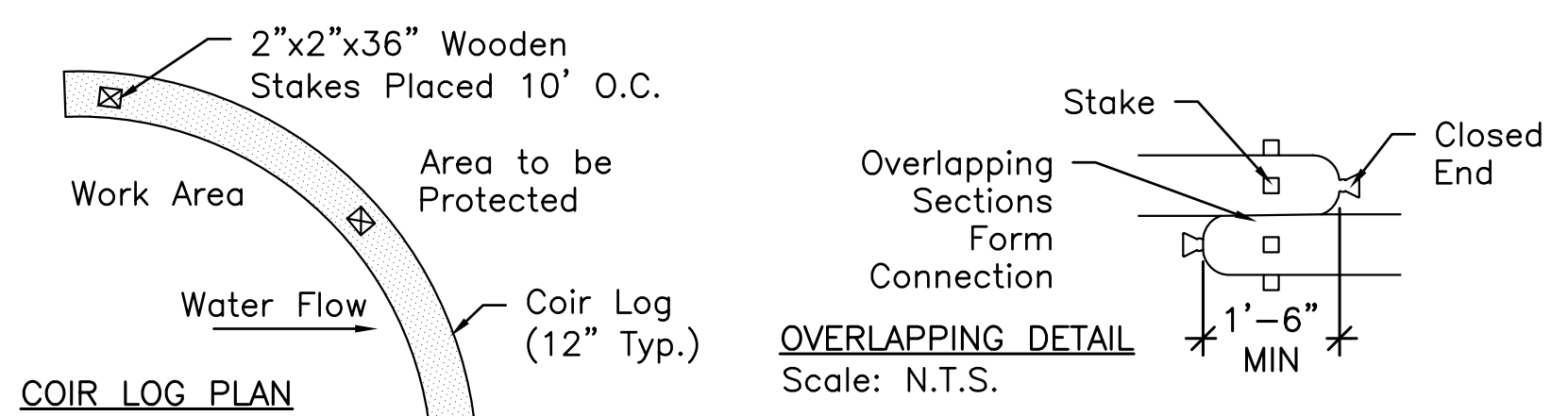
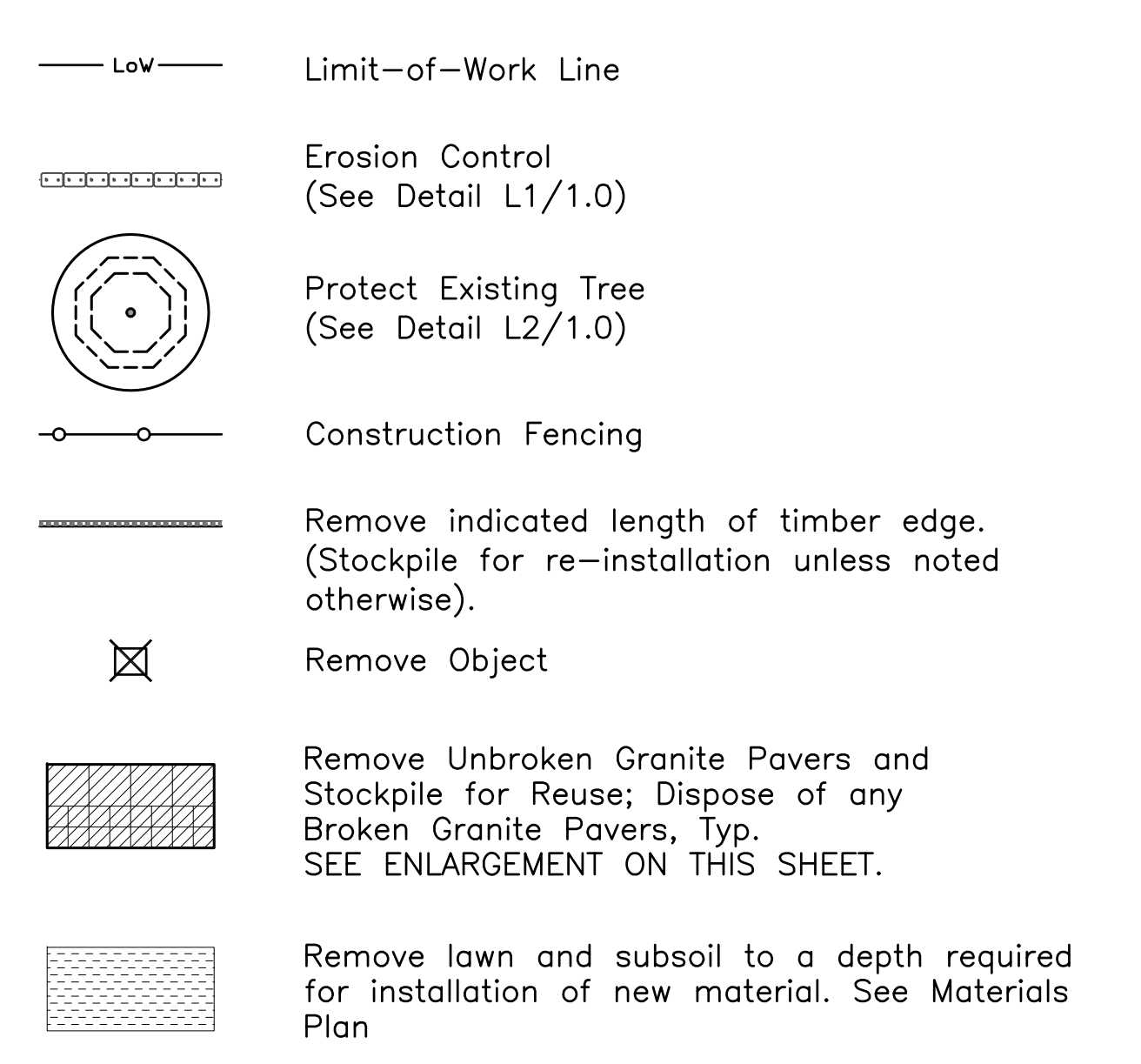
1. Diagram of broken pavers is schematic. Contractor shall review with Landscape Architect all broken pavers that will be needed to be removed for disposal. At completion of project, all unused and unbroken pavers are to be disposed of by Contractor or stockpiled at location designated by Esplanade Association or DCR. Choice is to be made by the Esplanade Association.



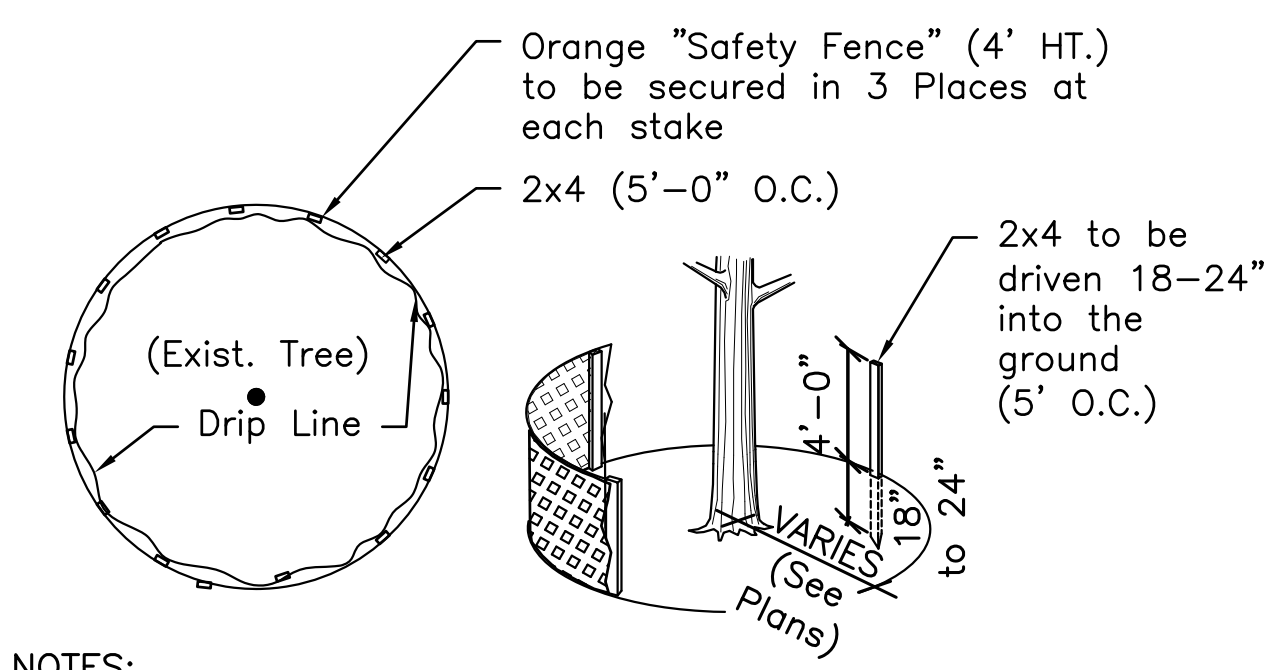
DEMOLITION & REMOVALS NOTES

- The Landscape Contractor shall verify location of and protect all utilities, drainage, and sub-drainage structures, prior to starting construction. Call DIG-SAFE.
- Landscape Contractor shall review items to be removed with Landscape Architect prior to commencement of work.
- The DCR shall retain the right of first refusal for any items to be removed from the site. If the DCR elects to retain materials or furnishings from the site, the Contractor shall deliver the selected items to the DCR's yard at no additional cost to the Owner. All other materials slated for disposal shall be disposed of off-site properly and in accordance with all local and state regulations.
- Protect from damage all trees, walls, curbs, paving, play equipment, furniture, and any other site feature that is not designated for removal.
- Inspection and pruning of existing trees are to be by others.
- Any damaged item not scheduled for removal shall be restored by the Contractor to the Owner's satisfaction at no extra charge.
- Contractor to be given directions on how to access the site by the Esplanade Association. These are to be followed at all times.

DEMOLITION & REMOVALS LEGEND

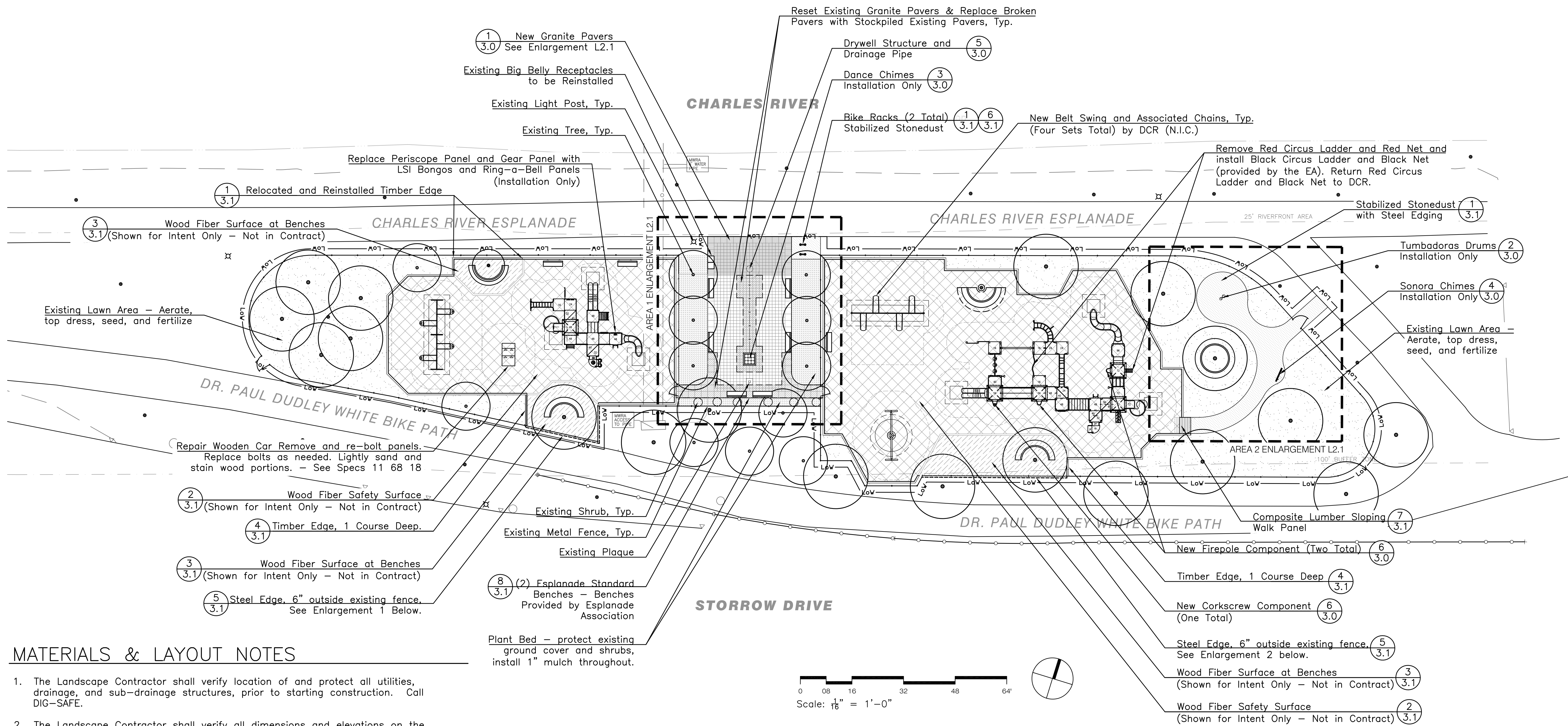


1 Erosion Control - Coir Log
 Scale: 1/2" = 1'-0"



- NOTES:**
- Maintain fence protection in sound condition until project completion.
 - Protective fence to run along dripline unless otherwise required to install improvements. Spray or stake layout of all proposed paving edges and site features within the dripline of existing trees before beginning any demolition work or remove existing material in order to determine the maximum extents of site fencing.
 - Landscape Architect and Owner's Representative to approve fence placement in field before construction begins.
 - Do not relocate approved fence without notifying Landscape Architect or Owner.

2 TREE PROTECTION
 Scale: 1/2" = 1'-0"



MATERIALS & LAYOUT NOTES

- The Landscape Contractor shall verify location of and protect all utilities, drainage, and sub-drainage structures, prior to starting construction. Call DIG=SAFE.
- The Landscape Contractor shall verify all dimensions and elevations on the ground prior to commencement of construction, and shall immediately report any discrepancies to the Landscape Architect for clarification and resolution prior to commencement.
- The Landscape Contractor shall stake layout of plan on the site for approval of Landscape Architect after demolition but before commencement of new construction.
- Wood fiber safety surface is shown for intent only and is not in contract. Both playground equipment areas shall be replenished with wood fiber safety surfacing provided by the Esplanade Association except where existing rubber safety surfacing pads are located.

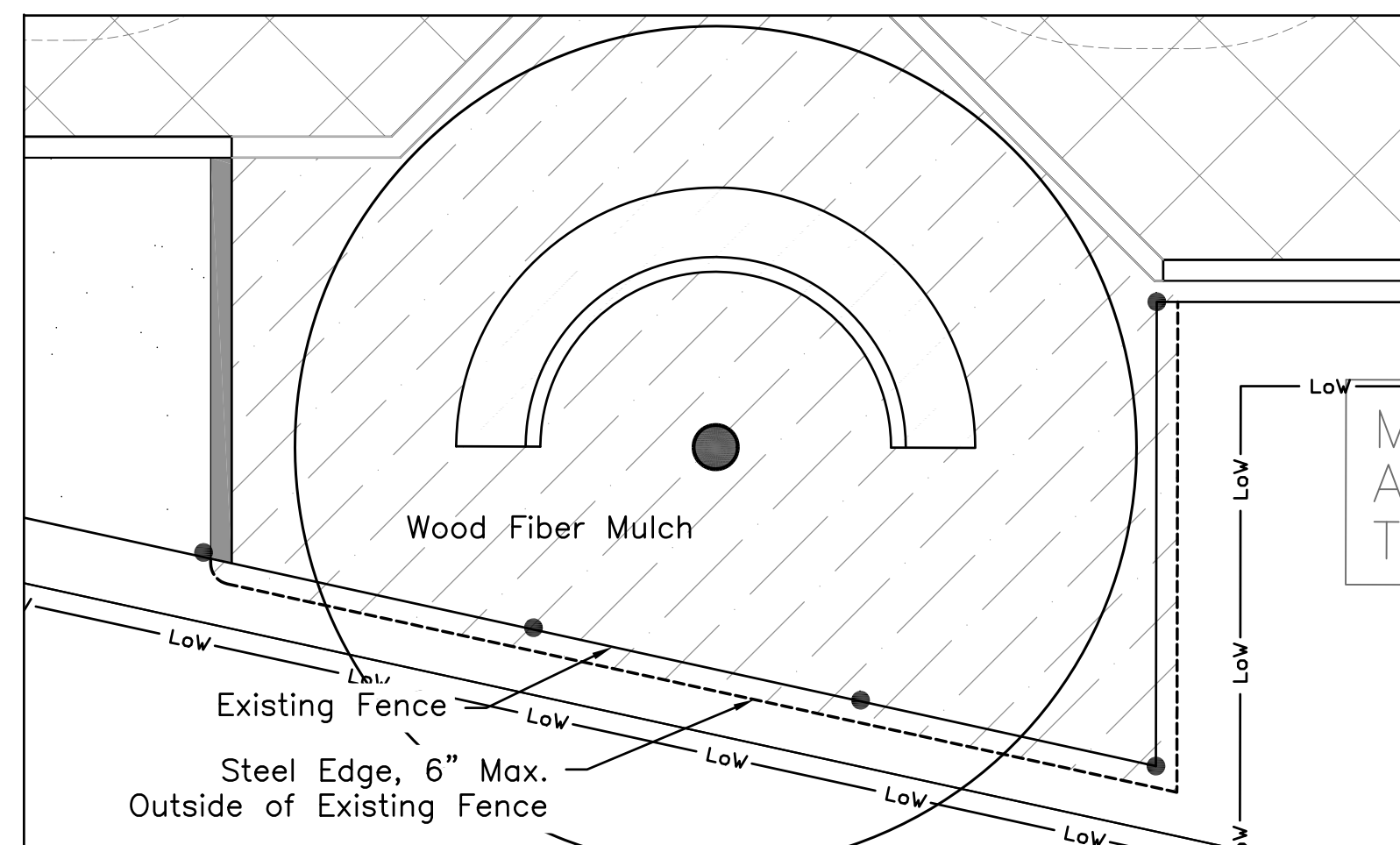
MATERIALS & LAYOUT LEGEND

	Limit-of-Work Line		Wood Fiber Safety Surface
	Existing Tree		Wood Fiber Surface at Benches
	Relocated and Reinstalled Timber Edge		Stabilized Stonedust
	Existing Lawn Area - Top dress, seed, and fertilize		
	Plant Bed - protect existing ground cover plants, install 1" mulch throughout.		

N.I.C. Not in Contract

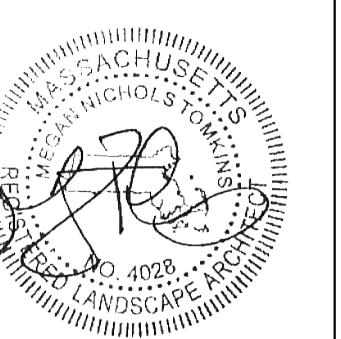
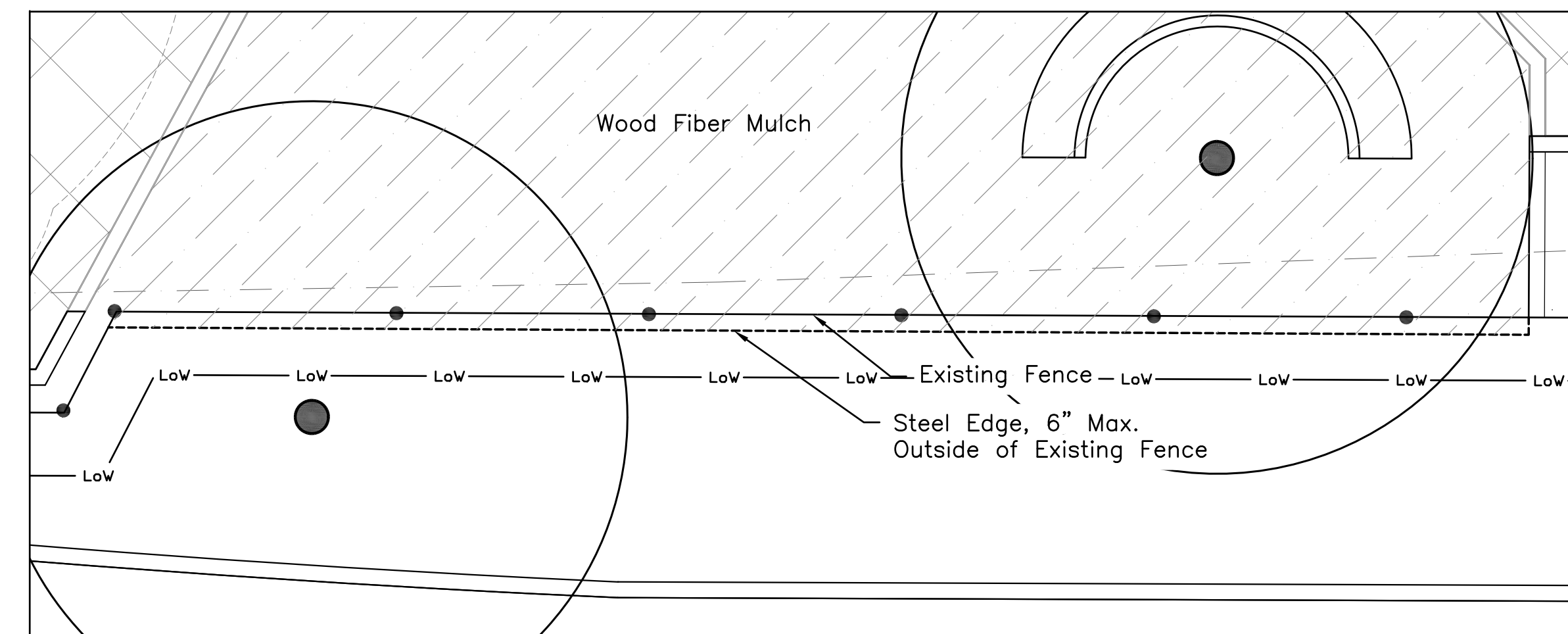
STEEL EDGE ENLARGEMENT 1

Scale: 1/4" = 1'-0"



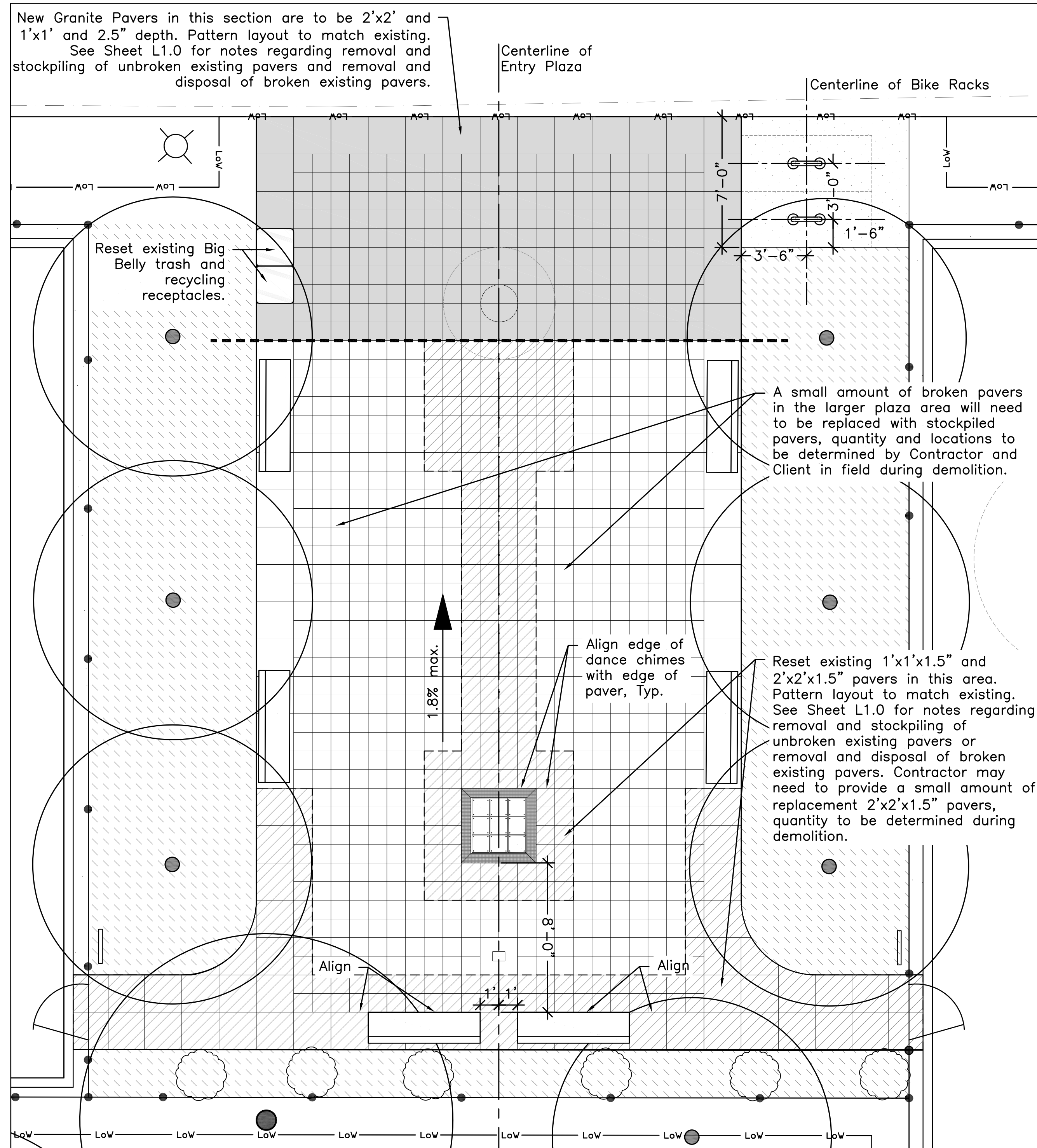
STEEL EDGE ENLARGEMENT 2

Scale: 1/4" = 1'-0"



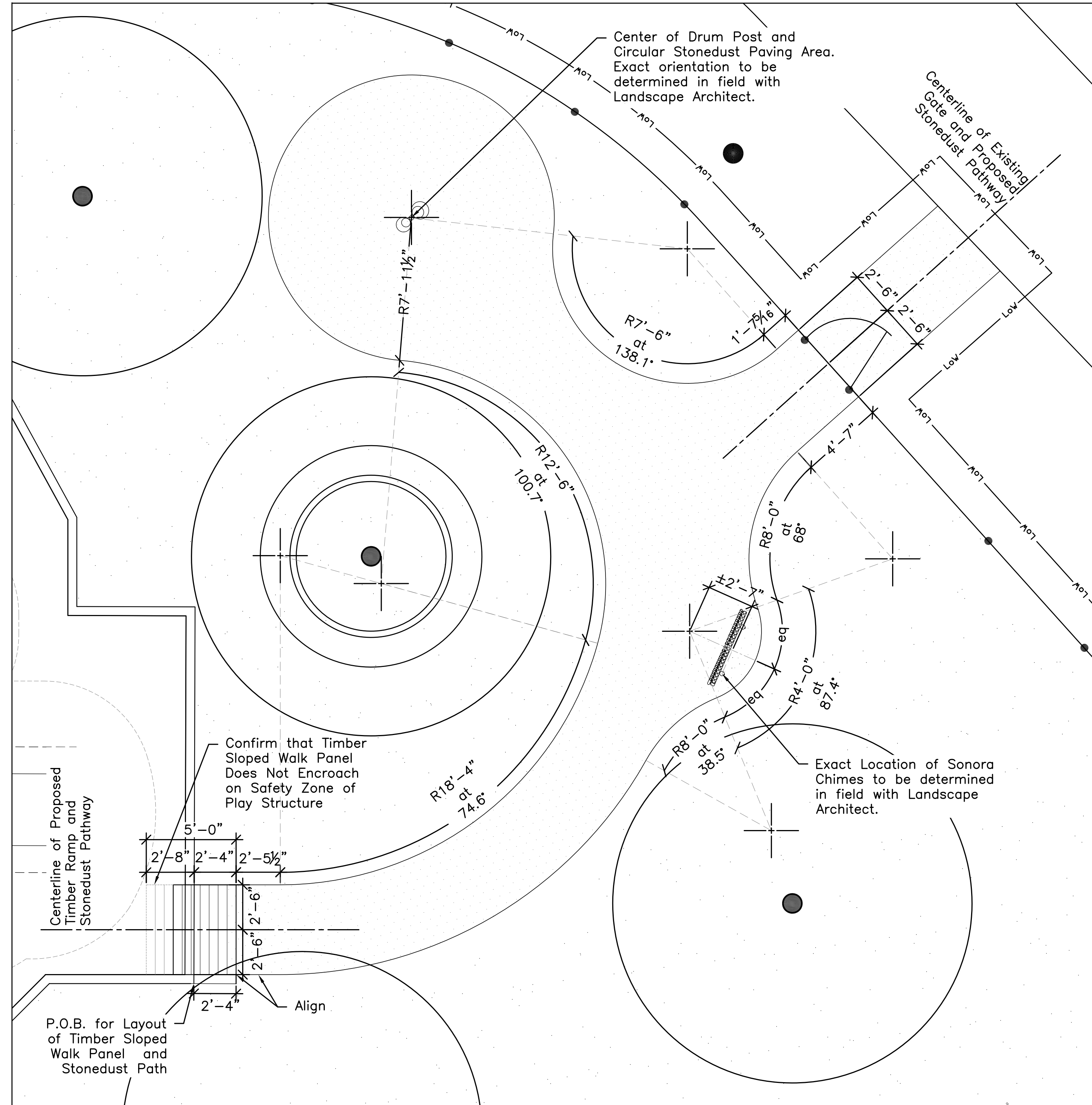
Area 1 Enlargement

Scale: 1/4" = 1'-0"



Area 2 Enlargement

Scale: 1/4" = 1'-0"



MATERIALS & LAYOUT NOTES

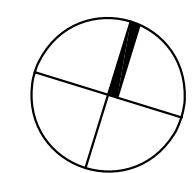
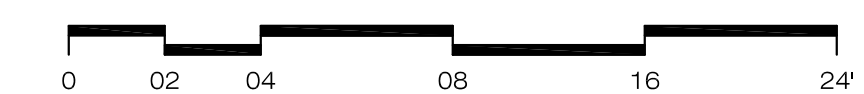
- Granite paving pattern shall match existing.
- New granite pavers shall be 2.5" thick. (Area is shaded in gray).
- Any broken pavers beyond this area shall be replaced with salvaged granite pavers (1.5" thick).
- Powerwash all existing granite pavers that have been reset or have remained.
- Exact locations of dance chimes and benches to be determined in field with Landscape Architect.

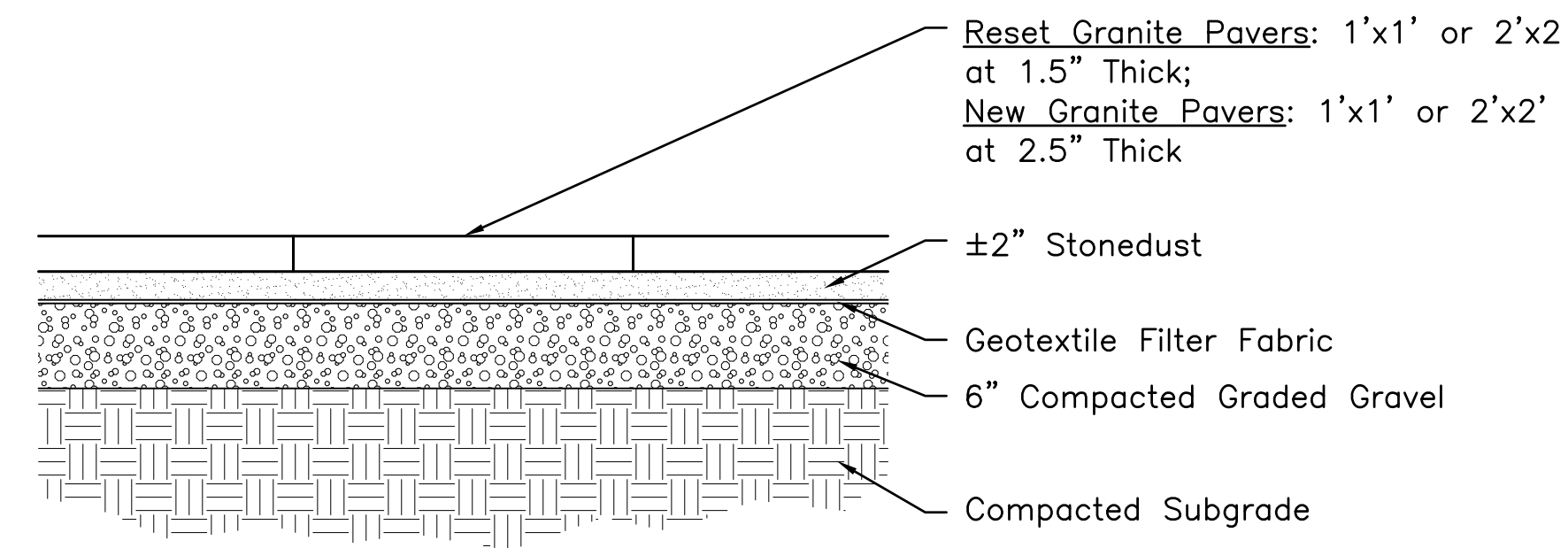
GRADING NOTES

- Grading of plaza shall be maintained except where pavers have settled. For settled pavers that are being reset, add stonedust to bring pavers back to original grade.
- Grade stakes to be set for approval by Landscape Architect prior to installation of all paving and equipment.
- All transitions to existing grades to be smooth and gradual. 1.8% max. cross-slopes on all paths.
- Verify existing grades in field. Notify Landscape Architect of any discrepancies or conflicts.
- Contractor shall notify Landscape Architect if any proposed conditions exceed 1.8% cross slope once subbase materials are installed and prior to installing finish material.
- Any area outside the Limit of Work Line which is disturbed shall be restored to previous conditions at no cost to the owner.

LEGEND

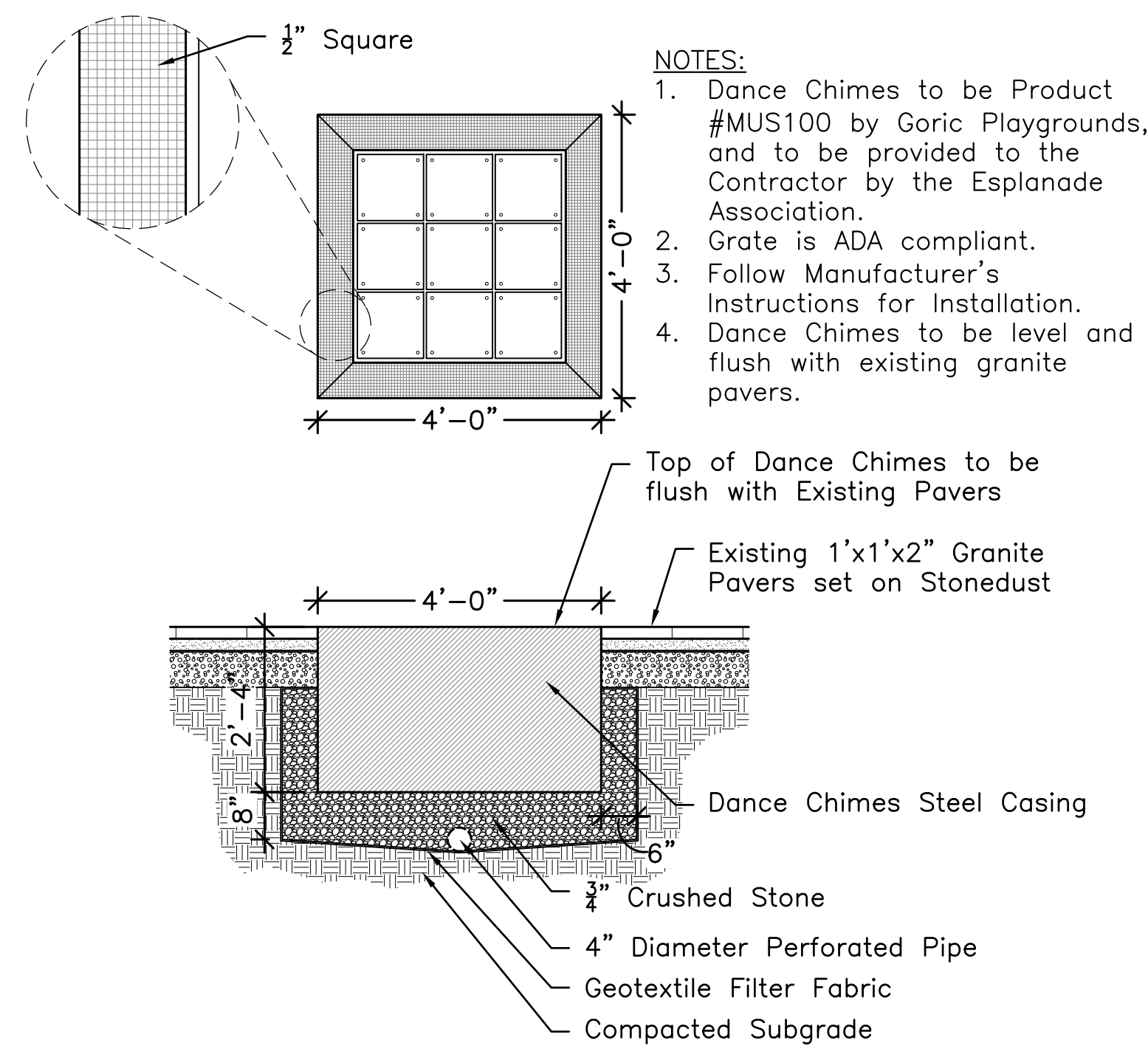
- LoV — Limit-of-Work Line
- Existing Tree
- Existing Lawn Area — Top dress, seed, and fertilize
- Plant Bed — protect existing ground cover plants, install 1" mulch throughout.
- New 2'x2'x2.5" Paver, Typ. (to replace existing 2'x2'x1.5" paver, Typ.)
- New 1'x1'x2.5" Paver, Typ. (to replace existing 1'x1'x1.5" paver, Typ.)
- New Stabilized Stone Dust Paving
- Reset existing 1'x1'x1.5" Paver, Typ. Contractor to replace any broken pavers with stockpiled 1'x1'x1.5".
- Reset existing 2'x2'x1.5" Paver, Typ. Contractor to replace any broken pavers with stockpiled 2'x2'x1.5". A small amount of broken existing 2'x2'x1.5" pavers may need to be replaced with new 2'x2'x1.5" pavers, quantities to be determined by Contractor during demolition.



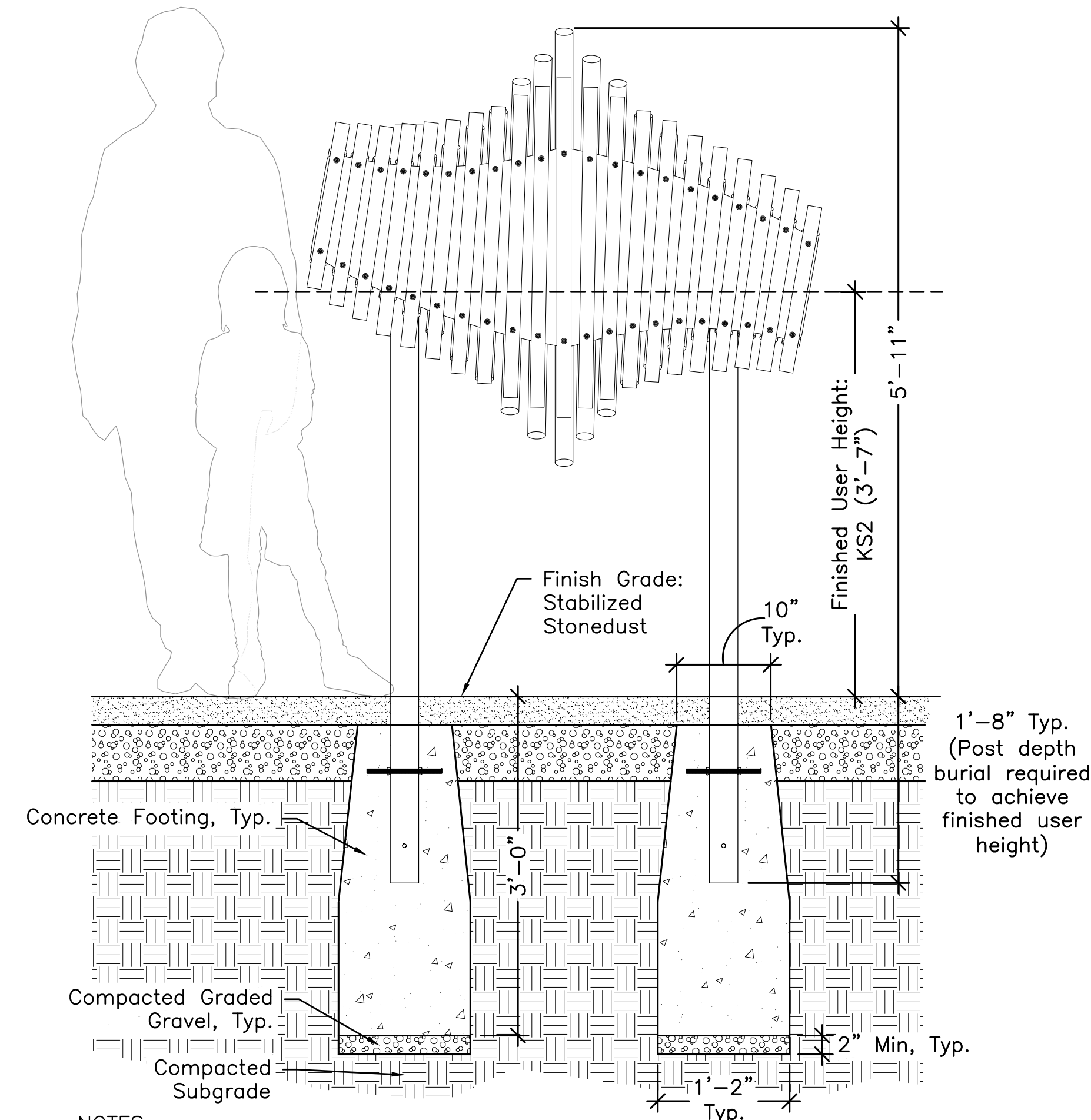
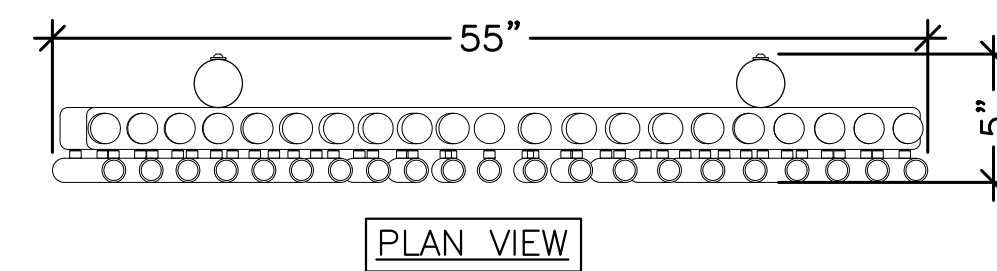


- NOTES:**
1. New granite pavers to match existing in color. Provide physical sample for approval by Landscape Architect and Owner.
 2. Butt joint pavers and sweep joints with stonedust.
 3. Sizes vary. See Plans.

1 Granite Pavers (New or Reset)
Scale: 1" = 1'-0"

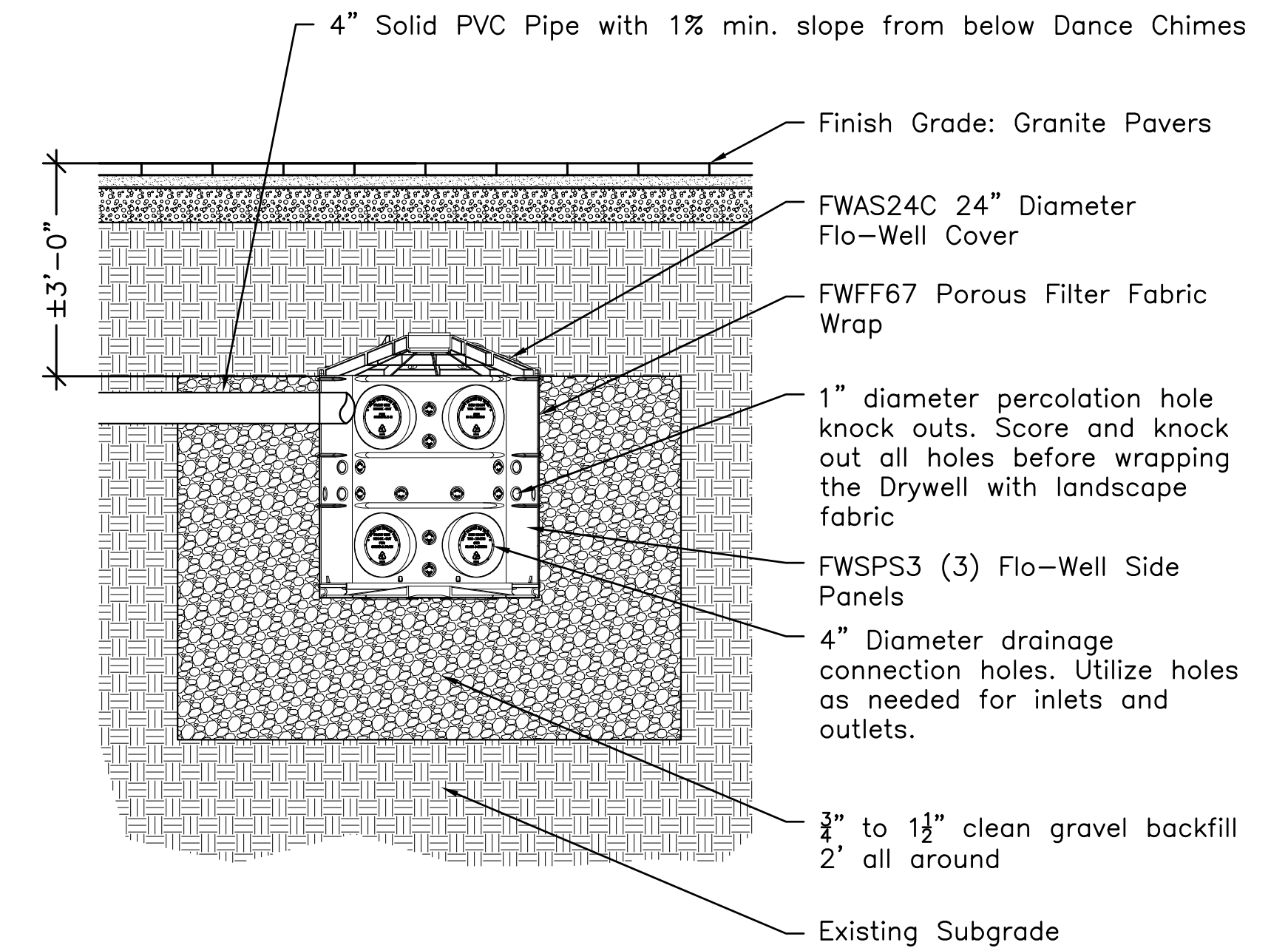
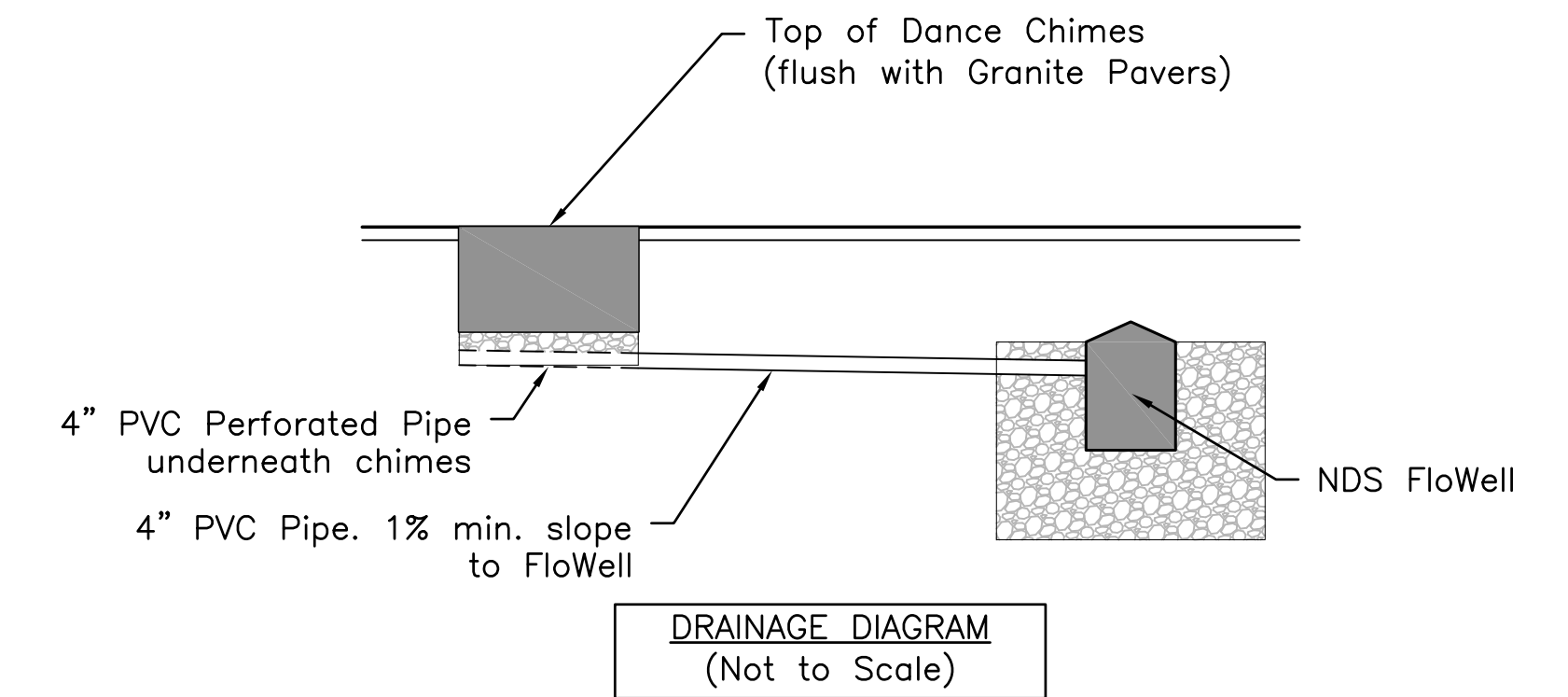


3 Dance Chimes - Installation Only
Scale: 1/2" = 1'-0"



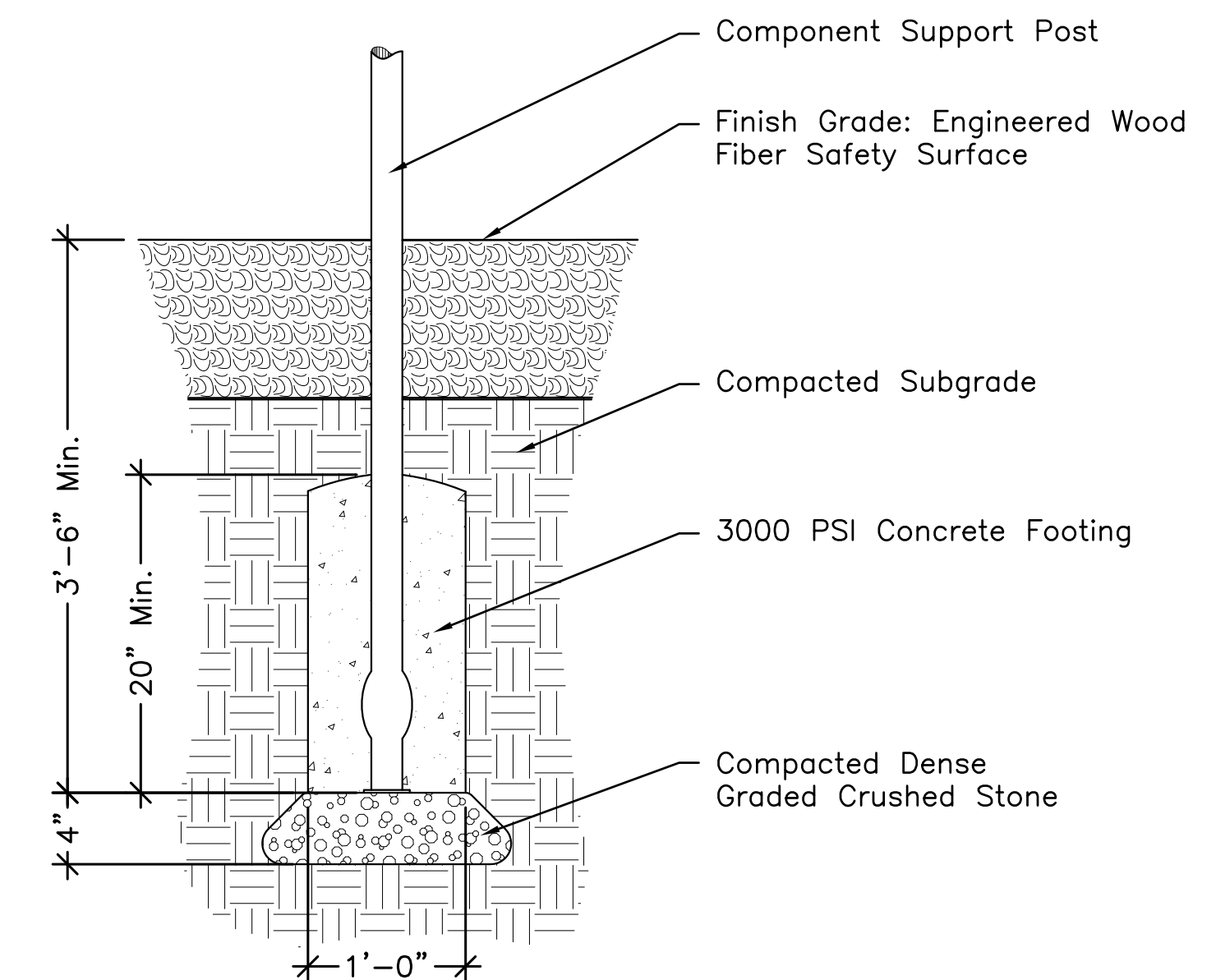
- NOTES:**
1. Sonora Chimes to be by Percussion Play, and to be provided to Contractor by the Esplanade Association.
 2. Finished user height shall be KS2 (or 3'-7") for Ages 7-11.
 3. Installation to be completed in accordance with Manufacturer's Specifications. (Sonora Chimes to be buried at the correct depth for KS2 users).
 4. Exact location of chimes to be determined and approved in field with Landscape Architect.

4 Sonora Chimes - Installation Only
Scale: 1" = 1'-0"



- NOTES:**
1. System to be FWAS24 by NDS (www.ndspro.com).
 2. System must be installed 10' away from any structure or foundation.
 3. Installation to be completed in accordance with manufacturer's specifications.

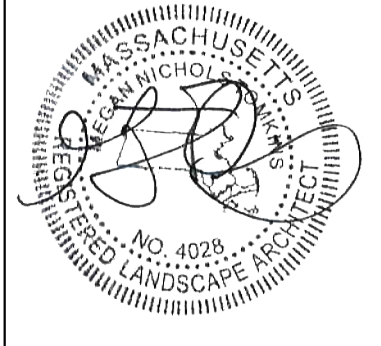
5 Drywell System
Scale: 1/2" = 1'-0"

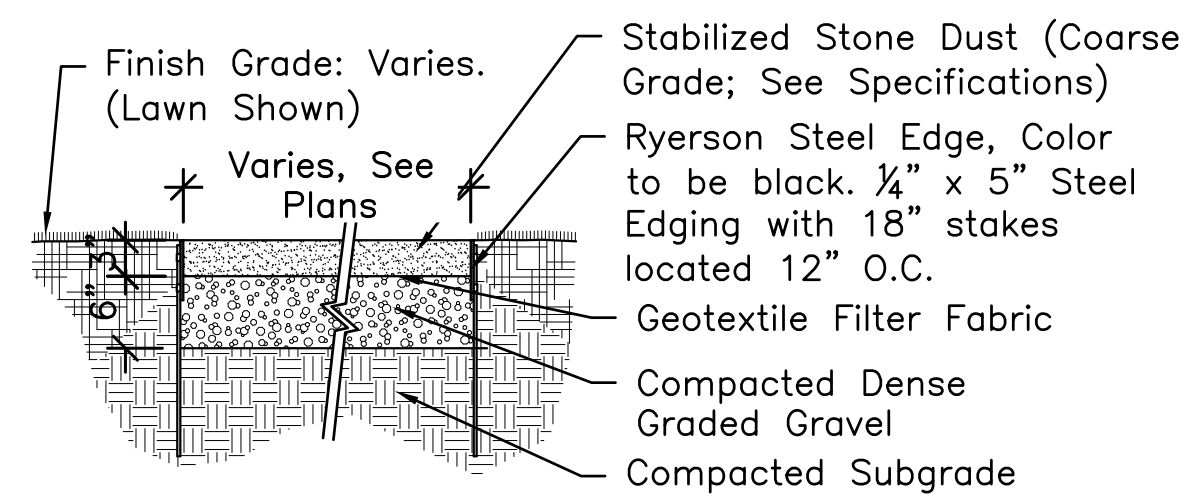


- NOTES:**
1. Playventure Corkscrew (one total) and Playventure Firepoles (two total) to be by Landscape Structures, Inc. of Delano MI, and provided to Contractor by the Esplanade Association.
 2. See Plans for locations.
 3. Installation to be completed in accordance with Manufacturer's Specifications.

6 Post Footing for Corkscrew & Firepole Installation Only
Scale: 1" = 1'-0"

DATE:	09-30-2019
SCALE:	AS NOTED
FILE:	1907-L4-Dets.dwg
DWN BY:	JHC
CKD BY:	CCB/MT
PROJ. #:	1907

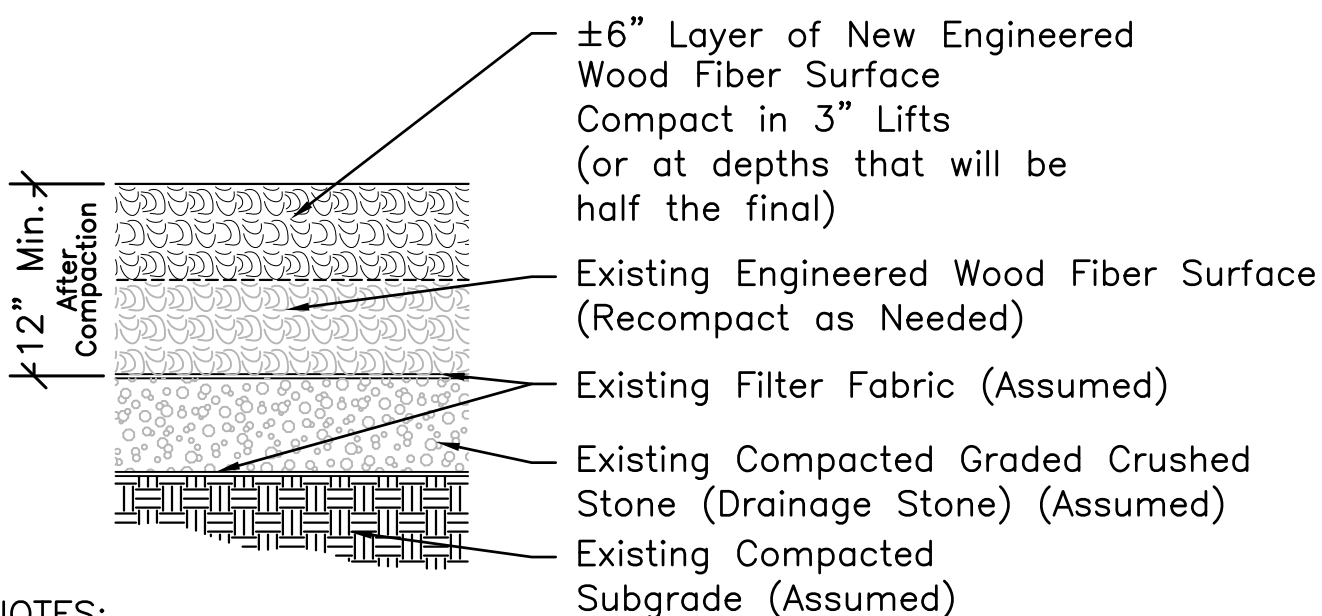




- Notes:**
1. Stone Dust to meet adjacent finish grade smoothly.
 2. See Specifications. Provide sample for approval.
 3. Steel Edge to be painted black. Submit Product Literature for Approval.

Stabilized Stonedust Paving with Steel Edge

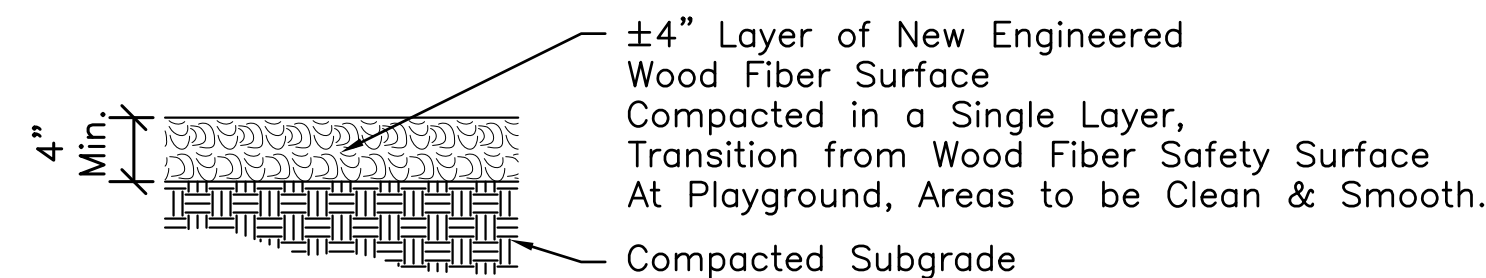
1 Scale: 3/4" = 1'-0"



- NOTES:**
1. Engineered Wood Fiber Safety Surface is shown for intent only and is not in contract. Esplanade Association to provide and install at a later date.
 2. Engineered Wood Fiber Surface to meet federal code requirements for playgrounds.
 3. After compaction, wood surface to be flush with finish grades of existing timber edges and rubber safety surfacing.

Wood Fiber Safety Surfacing Not Included

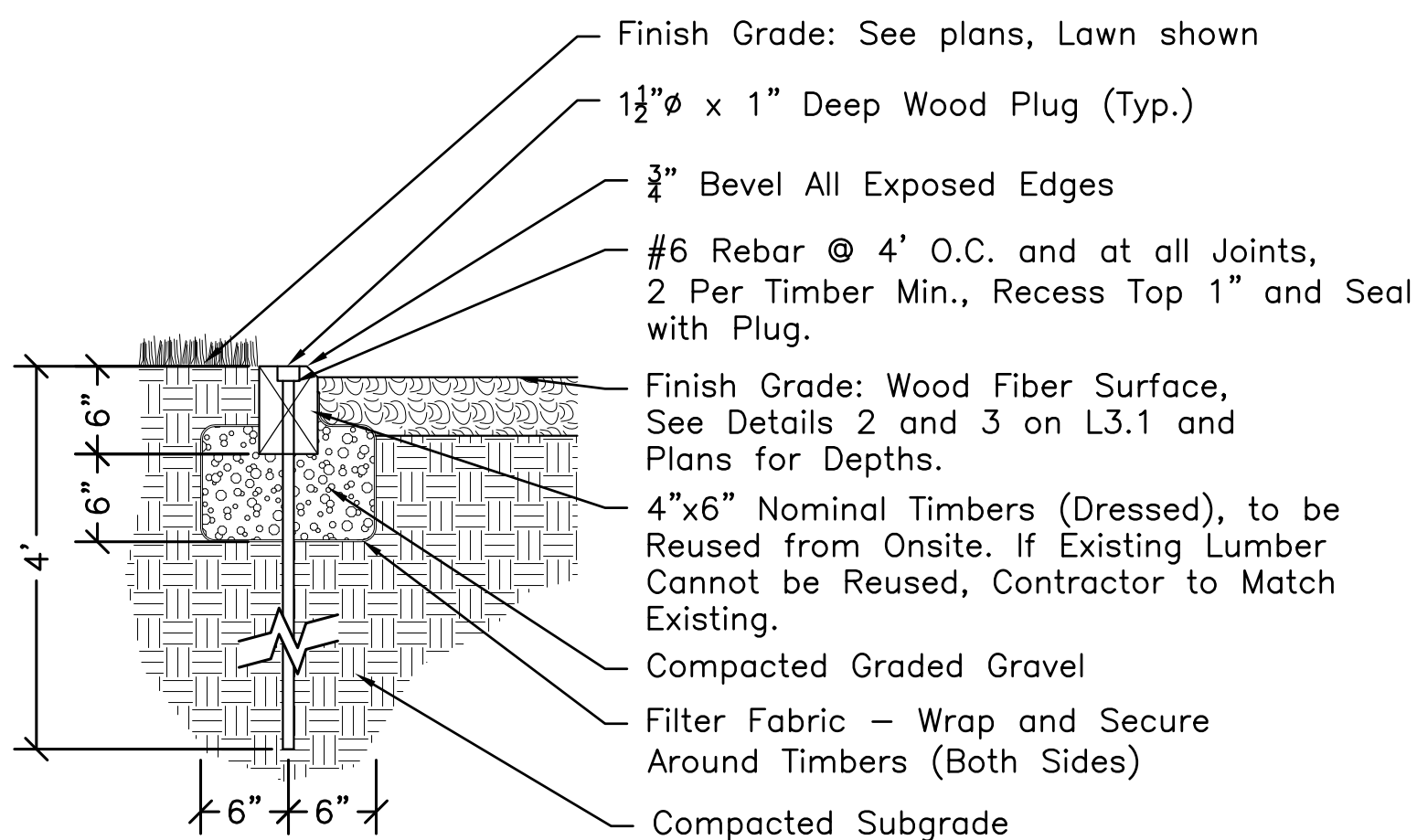
2 Scale: 1" = 1'-0"



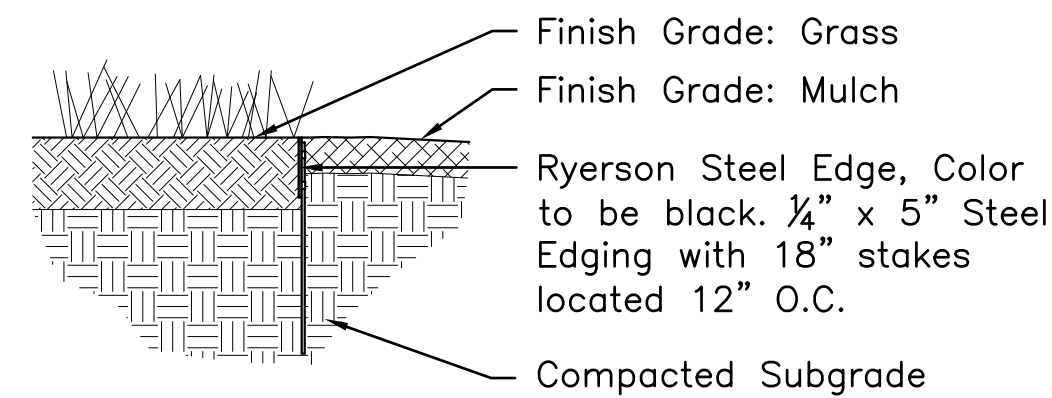
- NOTES:**
1. Engineered Wood Fiber Surface at benches is shown for intent only and is not in contract. Esplanade Association to provide and install at a later date.
 2. After compaction, wood surface to be flush with finish grades of existing timber edges.

Wood Fiber Surface at Benches Not Included

3 Scale: 1" = 1'-0"



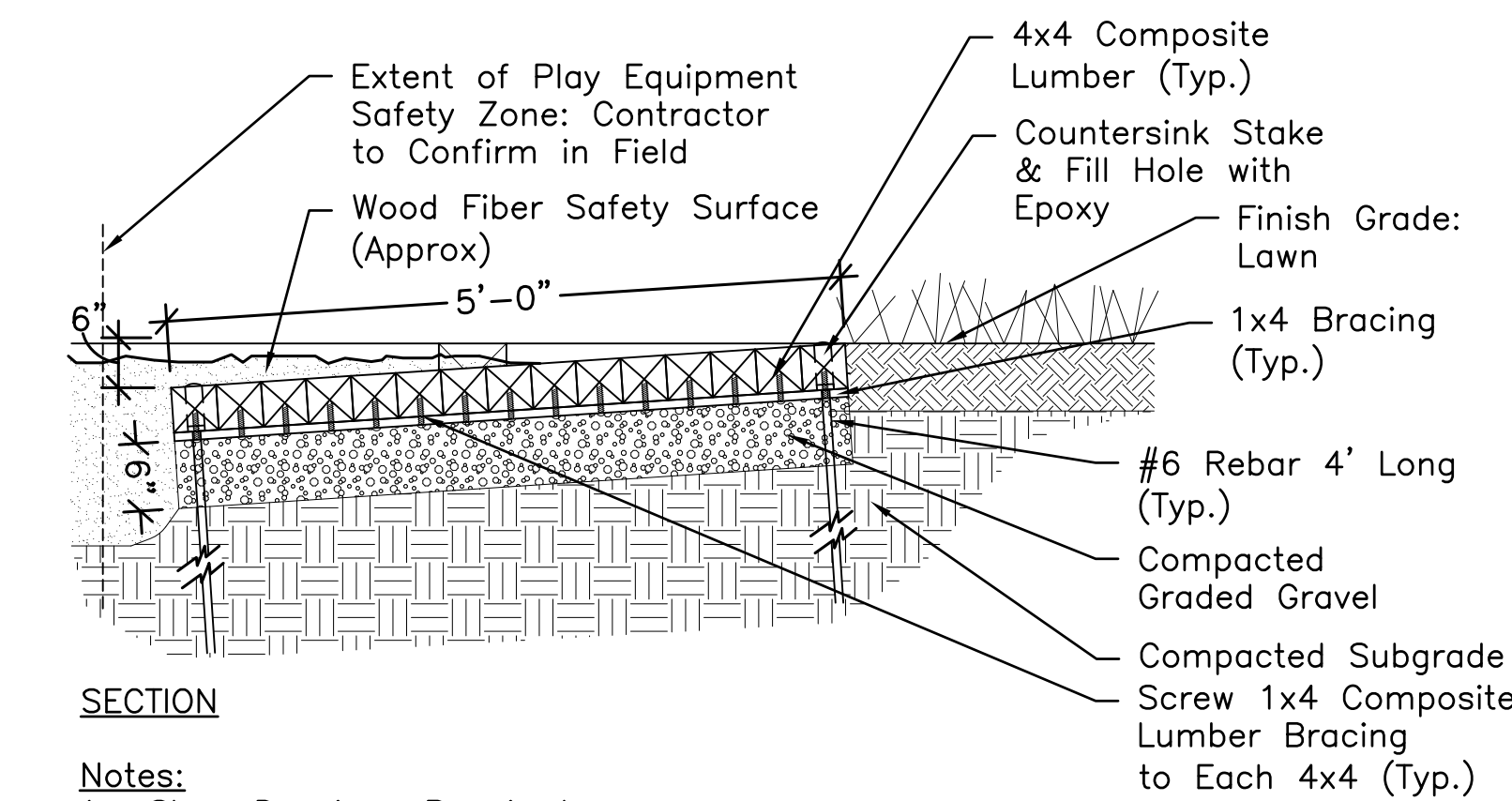
4 Timber Edge - 1 Course Deep Scale: 1" = 1'-0"



- Notes:**
1. Steel Edge to be painted black. Submit Product Literature for Approval.

5 Steel Edge

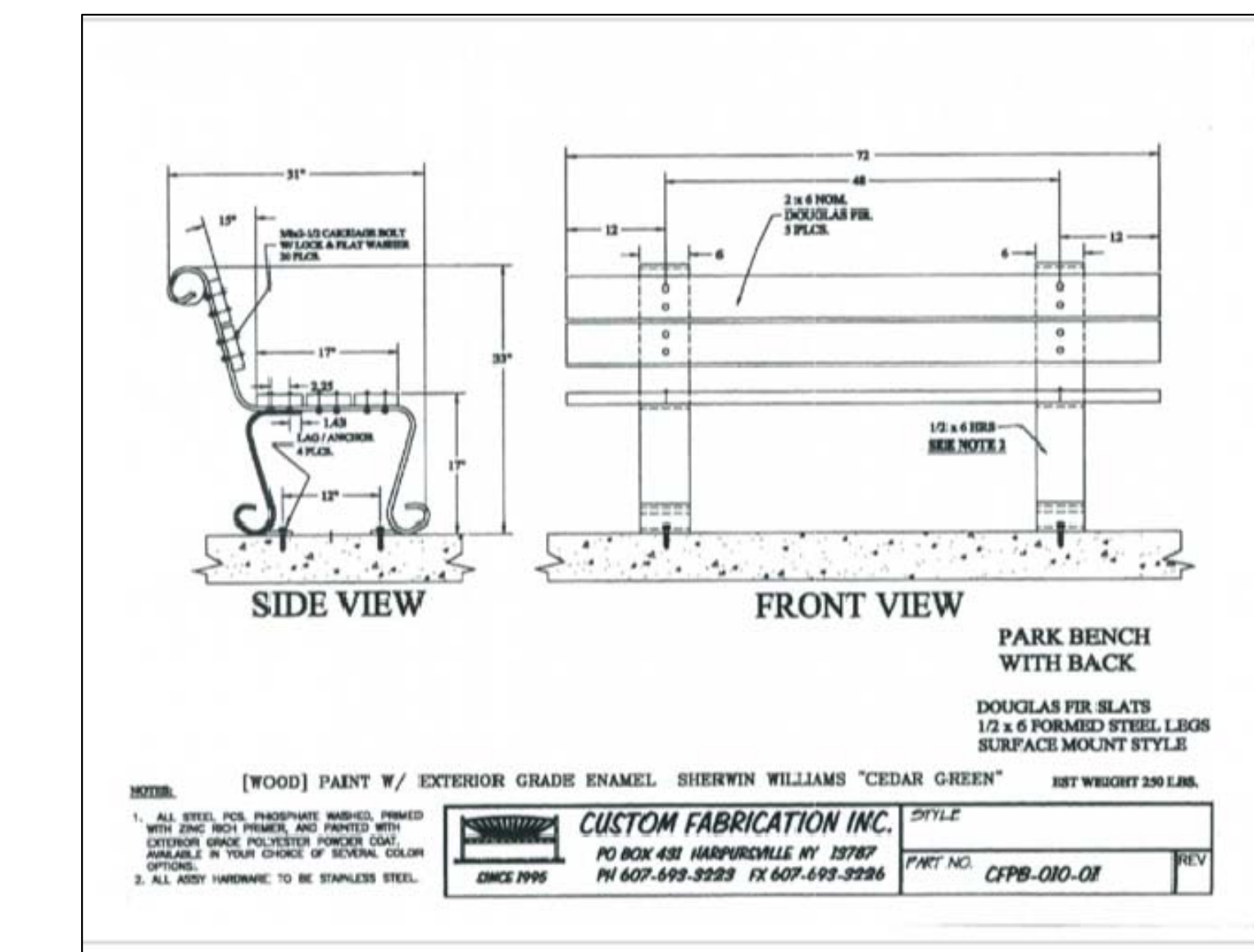
Scale: 3/4" = 1'-0"



- SECTION**
- Notes:**
1. Shop Drawings Required.
 2. Composite lumber members shall be HDPE Recycled Plastic Lumber with at least 85% recycled content, "Select" by Bedford Technology, 2424 Armour Road, PO Box 609, Worthington, MN 56187-0609, Phone (507) 372-5558, or Approved Equal. Walk panel designed to accommodate 75 PSF Live Load. Decking to have Simulated Wood Grain Top Surface.
 3. Sloped Walk Panel shall not encroach on play equipment safety zones.
 4. New 6x6 Timber edges to be ACQ pressure treated lumber. DO NOT USE lumber treated with CCA.
 5. All hardware to be stainless steel.

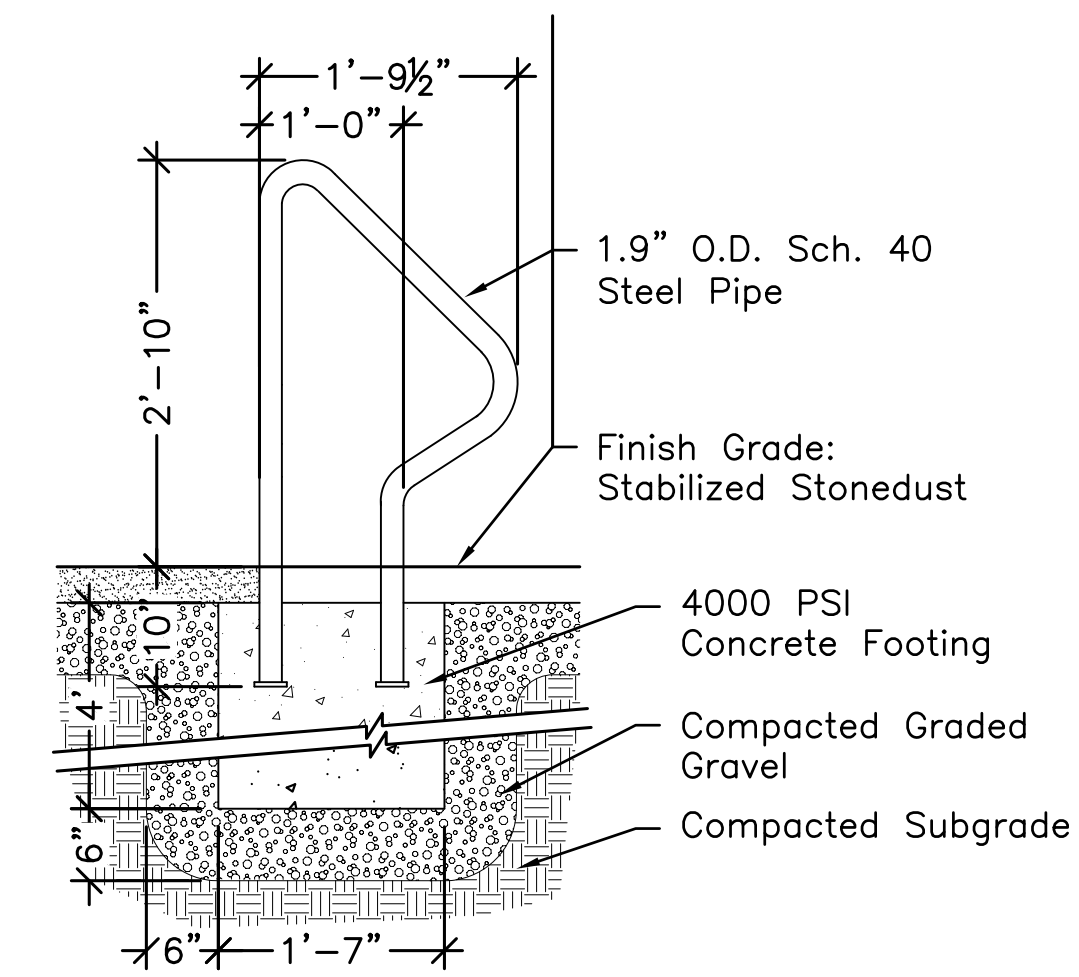
7 Composite Lumber Sloped Walk Panel

Scale: 3/4" = 1'-0"



- Notes:**
1. Bench to be provided to Contractor by Esplanade Association.
 2. Contractor to follow Manufacturer's installation instructions.

8 Standard Wood and Metal Bench - Installation Only NO SCALE



- NOTES:**
1. Bike Rack to be Embedded Mount Swerve Bike Rack by Dero Bike Racks, of Fridley, MN. Or Approved Equal.
 2. Bike rack to be hot dip galvanized steel. Color to be black.
 3. Submit product literature for approval by Landscape Architect prior to ordering.
 4. Follow all Manufacturer's installation instructions and specifications.

6 Bike Rack on Stonedust

Scale: 3/4" = 1'-0"

