

5B: Franklin Park Pathways: Lower Circuit Drive and Scarboro Pond Description of Proposed Work

Project Narrative

- Rehabilitation of former carriageways and walking paths in the vicinity of Scarboro Pond and Morton Street. The carriageway and walking paths will retain their respective widths in these areas. In two locations adjacent to the pond the path will shift to improve access and drainage. The work will expose the historic cobble gutters of the carriageways.

- Vehicle access for park users will remain from Shattuck Hospital to a location north of Scarboro Pond. A new walking path will be created parallel to this section of carriageway. (The historic pedestrian pathway system was disrupted by the taking of land and construction of the Shattuck Hospital campus.) Existing parking along this length will be formalized to protect the landscape while supporting access to the facilities. Areas along the roadway that are damaged and worn by parking will either be paved (changing existing paved width in some areas) or improved for turf as shown on the plans. The Circuit Drive carriageway will be closed to vehicles from Scarboro Pond south. A turnaround area will be created north of the pond, before the historic bridge. In order to accommodate the walking path and turnaround, a short section Circuit Drive will shift to the west as it approaches the pond.

- A new, direct access point to Franklin Park Maintenance Yard will be created from Canterbury Street. Historically the Yard (called the Nursery on Olmsted's plan) was accessed from adjacent commercial roads but in recent decades vehicle access has been through the park. The new driveway will allow interior park drives and ways to be returned to park users and help protect the historic granite bridges at Scarboro Pond.

- The former carriageway entrances at Morton Street and American Legion were closed in the 1980s by placing blocks of stone on the paving. These will be replaced by stonework inspired by adjacent walls while restoring the pavement for use by pedestrians and bicycles. This is comparable to recently approved work at the former Seaver Street entrance.

- Landscape improvements within the project area include soils work, turf restoration, some plantings and site improvements at pond edge. Repointing of historic bridges is included in the scope. Site furnishings will be consistent with those in use in the park.

SITE PHOTOS - ROADS

[Shattuck Hospital to left]



[Tennis Courts to right]

Circuit Drive near tennis courts and Shattuck Hospital (looking north)

[Tennis Courts to left]



[Shattuck Hospital to right]

Circuit Drive past tennis courts (looking south)



Circuit Drive where turn around is proposed (looking south)

SITE PHOTOS - ROADS



Circuit Drive vehicular bridge over Scarboro Pond (looking north)

[Scarboro Pond to left]



Morton Street entry



American Legion Highway entry

SITE PHOTOS - BRIDGES



Carriageway Bridge over Scarboro Pond



Pedestrian bridge over Scarboro Pond



Pedestrian bridge over Scarboro Pond

SITE PHOTOS - PATHS



[Scarboro Pond to right]

Scarboro Pond path



[Scarboro Pond to right]

Scarboro Pond: Path to be re-aligned to limit conflict with trees



[Scarboro Pond to right]

Scarboro Pond: Path to be re-aligned to resolve poor drainage

SITE PHOTOS - SITE AMENITIES



[Scarboro Pond to right]

Scarboro Pond: Granite block and bollard removal



[Scarboro Pond to right]

Scarboro Pond: Granite block and bollard removal

SITE PHOTOS - SITE AMENITIES



Scarboro Pond: Existing bench to be removed



**Scarboro Pond: Existing bench to be removed
Benches will be replaced as shown on plan**

SITE PHOTOS - ACCESS



Location of proposed maintenance yard driveway off Canterbury Street



Location of proposed maintenance yard driveway off Canterbury Street

SITE PHOTOS - PROPOSED AMENITIES



Franklin Park bench



**Franklin Park pedestrian
identification sign**



**Franklin Park vehicular
identification sign**

SITE PHOTOS - HISTORIC IMAGES



Scarboro Pond Bridge - 1918

***photo from BPL Flickr**



Scarboro Pond - 1902

***photo from Olmsted Archives**

SITE PHOTOS - HISTORIC IMAGES



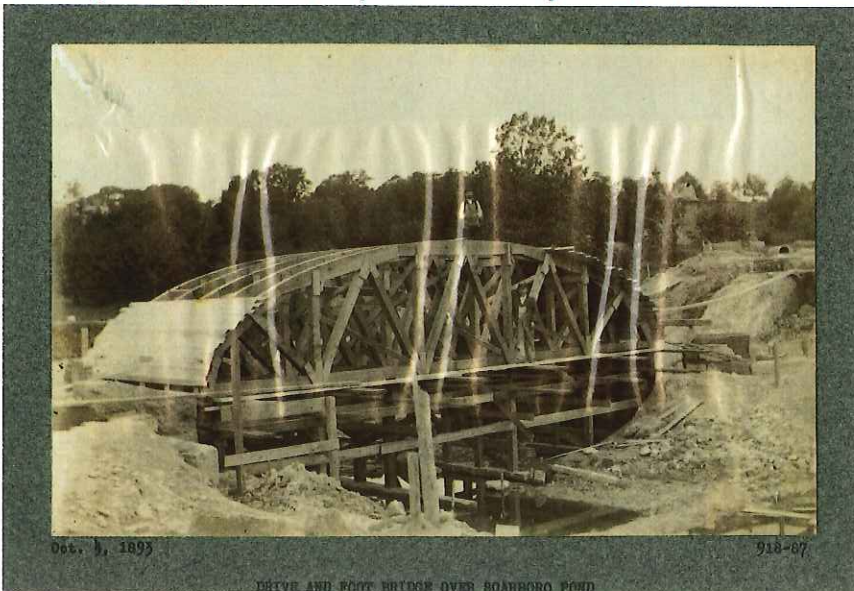
Before pond was made

*photo from BPL Flickr



Making of depression for pond

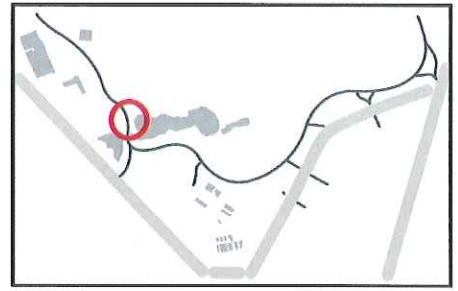
*photo from BPL Flickr



Bridge in progress

*photo from BPL Flickr

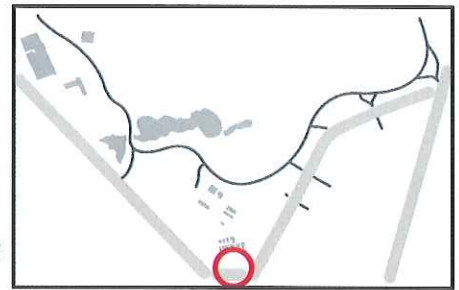
PROPOSED SCOPE
TURNAROUND ON CIRCUIT DR.
AT SCARBORO POND



Location of proposed turnaround on Circuit drive at Scarboro pond



PROPOSED SCOPE
DRIVEWAY AT
CANTERBURY STREET



Location of proposed maintenance yard driveway off Canterbury Street



BEFORE

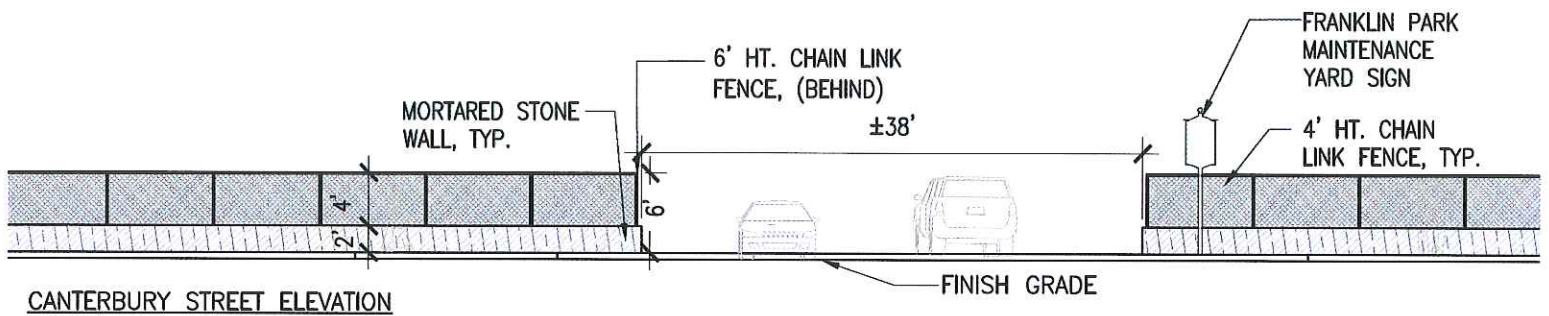


GATE
OPEN

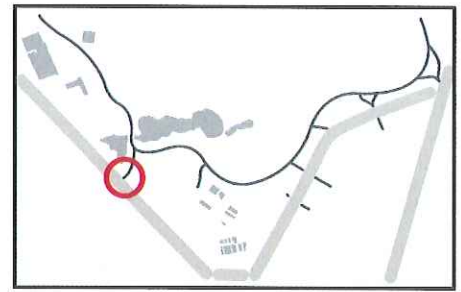


AFTER

GATE
CLOSED



PROPOSED SCOPE
ENTRANCE AT
MORTON STREET



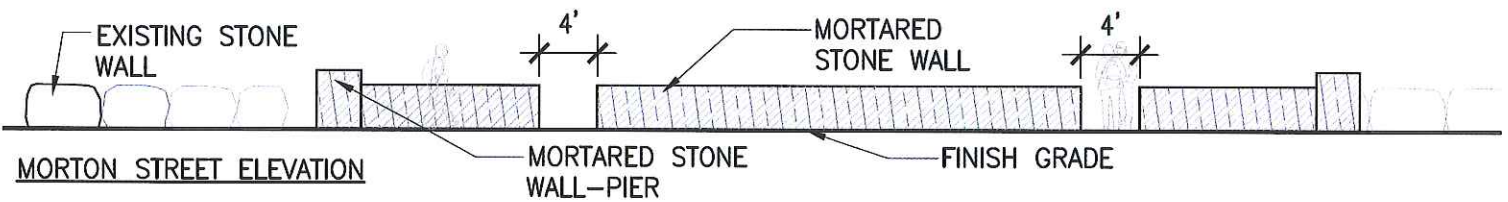
Location of proposed entrance of Circuit drive off Morton Street



BEFORE



AFTER



CITY OF BOSTON

THE HONORABLE MARTIN J. WALSH, MAYOR



PARKS & RECREATION DEPARTMENT CHRISTOPHER COOK, COMMISSIONER

PHASE 5B: IMPROVEMENTS TO Franklin Park Pathways: Lower Circuit Drive and Scarboro Pond Area

BOSTON, MASSACHUSETTS

FEBRUARY 05, 2018



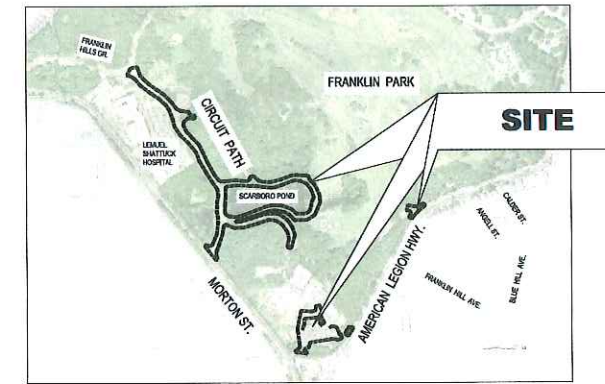
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LOCATION MAP
Franklin Park Pathways,
Lower Circuit Drive

Sheet No.: **L-0**

Cover Sheet

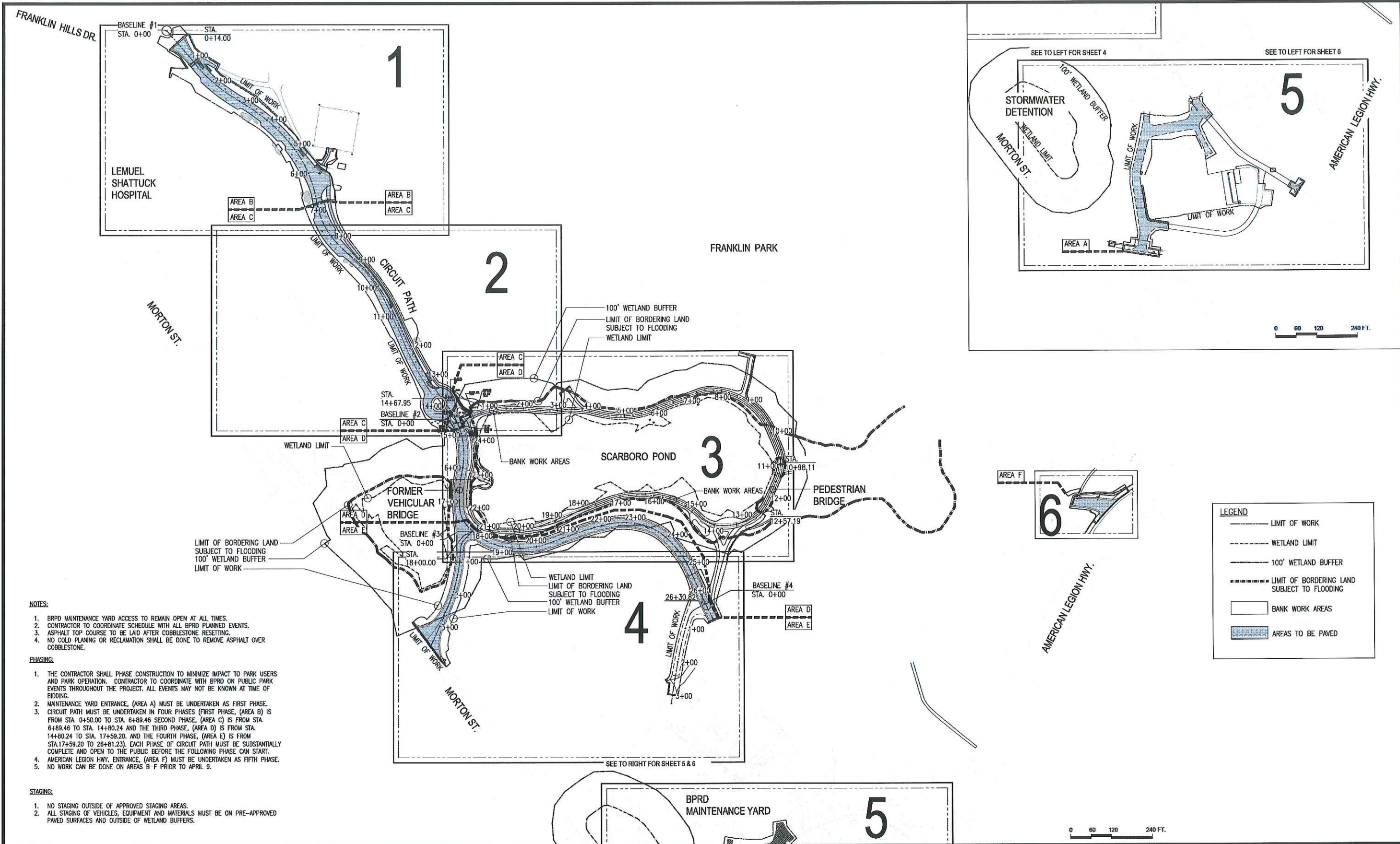
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BIPED Project No.	PROJECT NO.	DATE	SCALE	DRAWN	CHECKED
	2052018	2/5/2018	N/A	YL	KZ

Project Name:
**Phase 5B: Franklin Park
Pathways: Lower Circuit Drive
and Scarboro Pond Area**

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- NOTES:**
1. BPRD MAINTENANCE YARD ACCESS TO REMAIN OPEN AT ALL TIMES.
 2. CONTRACTOR TO COORDINATE SCHEDULE WITH ALL BPRD PLANNED EVENTS.
 3. ASPHALT TOP COURSE TO BE LAID AFTER COBBLESTONE RESETING.
 4. NO COLD PLANING OR RECLAMATION SHALL BE DONE TO REMOVE ASPHALT OVER COBBLESTONE.
- PHASING:**
1. THE CONTRACTOR SHALL PHASE CONSTRUCTION TO MINIMIZE IMPACT TO PARK USERS AND PARK OPERATION. CONTRACTOR TO COORDINATE WITH BPRD ON PUBLIC PARK EVENTS THROUGHOUT THE PROJECT. ALL EVENTS MAY NOT BE KNOWN AT TIME OF BIDDING.
 2. MAINTENANCE YARD ENTRANCE, (AREA A) MUST BE UNDERTAKEN AS FIRST PHASE.
 3. CIRCUIT PATH MUST BE UNDERTAKEN IN FOUR PHASES (FIRST PHASE, (AREA B) IS FROM STA. 0+50.00 TO STA. 6+89.46 SECOND PHASE, (AREA C) IS FROM STA. 6+89.46 TO STA. 14+80.24 AND THE THIRD PHASE, (AREA D) IS FROM STA. 14+80.24 TO STA. 17+59.20. AND THE FOURTH PHASE, (AREA E) IS FROM STA. 17+59.20 TO 26+81.23). EACH PHASE OF CIRCUIT PATH MUST BE SUBSTANTIALLY COMPLETE AND OPEN TO THE PUBLIC BEFORE THE FOLLOWING PHASE CAN START.
 4. AMERICAN LEGION HWY. ENTRANCE, (AREA F) MUST BE UNDERTAKEN AS FIFTH PHASE.
 5. NO WORK CAN BE DONE ON AREAS B-F PRIOR TO APRIL 9.
- STAGING:**
1. NO STAGING OUTSIDE OF APPROVED STAGING AREAS.
 2. ALL STAGING OF VEHICLES, EQUIPMENT AND MATERIALS MUST BE ON PRE-APPROVED PAVED SURFACES AND OUTSIDE OF WETLAND BUFFERS.



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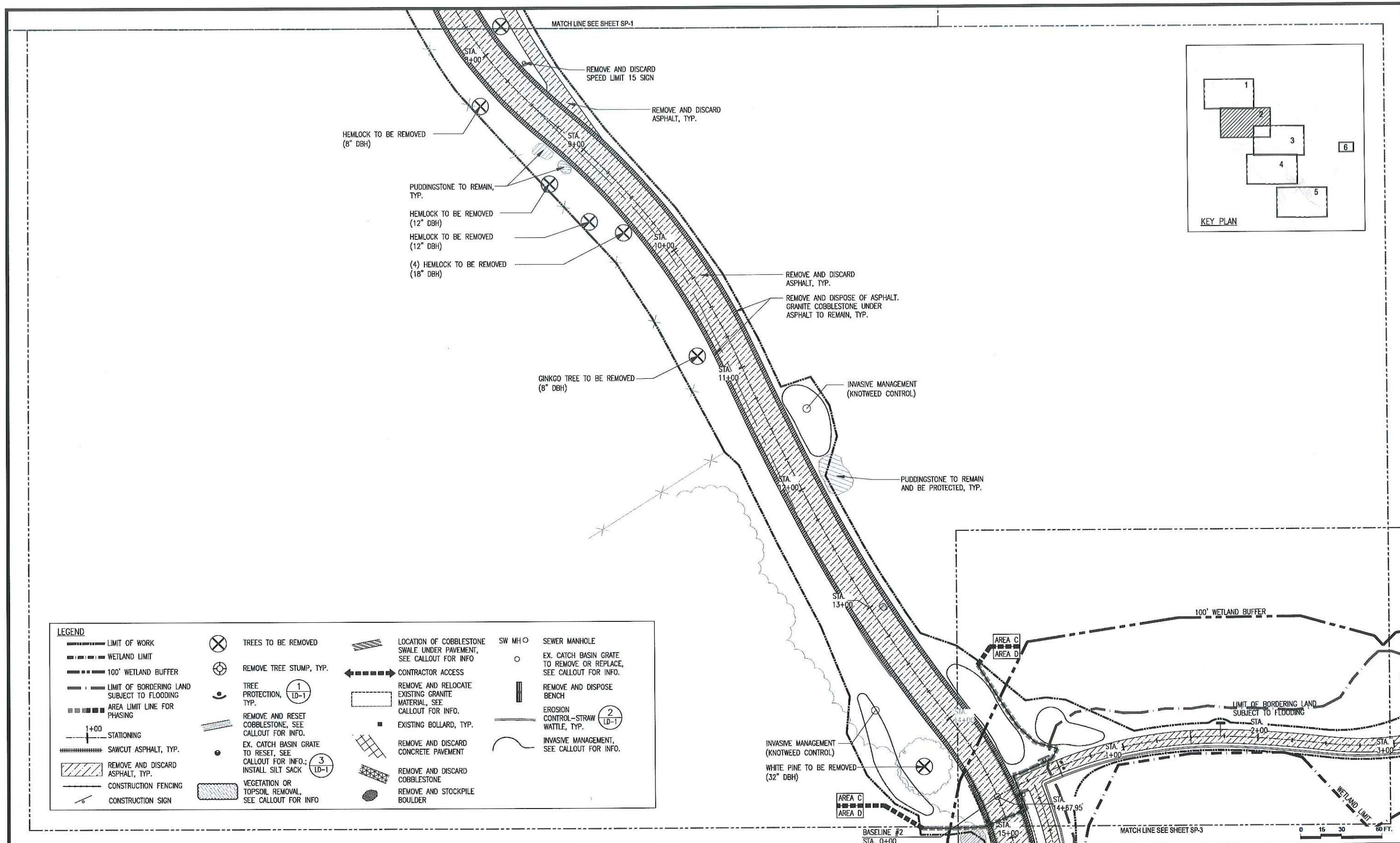
Approved By: _____ Date: _____

Project Name:
Phase 5B: Franklin Park Pathways: Lower Circuit Drive and Scarboro Pond Area

BPRD Project No.	PROJECT NO.
Date	2/05/2018
Scale	1"=120'-0"
Drawn	YL
Checked	KZ

Sheet Name:
KEY PLAN

Section:
L-0A



LEGEND

— — — — — LIMIT OF WORK	⊗ TREES TO BE REMOVED	▨ LOCATION OF COBBLESTONE SWALE UNDER PAVEMENT, SEE CALLOUT FOR INFO	SW MH ○ SEWER MANHOLE
— · — · — · — WETLAND LIMIT	⊗ REMOVE TREE STUMP, TYP.	← CONTRACTOR ACCESS	○ EX. CATCH BASIN GRATE TO REMOVE OR REPLACE, SEE CALLOUT FOR INFO.
— — — — — 100' WETLAND BUFFER	⊙ TREE PROTECTION, TYP.	▭ REMOVE AND RELOCATE EXISTING GRANITE MATERIAL, SEE CALLOUT FOR INFO.	▭ REMOVE AND DISPOSE BENCH
— · — · — · — LIMIT OF BORDERING LAND SUBJECT TO FLOODING	⊙ EX. CATCH BASIN GRATE TO RESET, SEE CALLOUT FOR INFO.; INSTALL SILT SACK (3 LD-1)	▭ EXISTING BOLLARD, TYP.	— — — — — EROSION CONTROL—STRAW WATTLE, TYP.
— · — · — · — AREA LIMIT LINE FOR PHASING	⊙ VEGETATION OR TOPSOIL REMOVAL, SEE CALLOUT FOR INFO	▭ REMOVE AND DISCARD CONCRETE PAVEMENT	— — — — — INVASIVE MANAGEMENT, SEE CALLOUT FOR INFO.
1+00 STATIONING		▭ REMOVE AND DISCARD COBBLESTONE	
▨ SAWCUT ASPHALT, TYP.		● REMOVE AND STOCKPILE BOULDER	
▨ REMOVE AND DISCARD ASPHALT, TYP.			
— — — — — CONSTRUCTION FENCING			
⊘ CONSTRUCTION SIGN			



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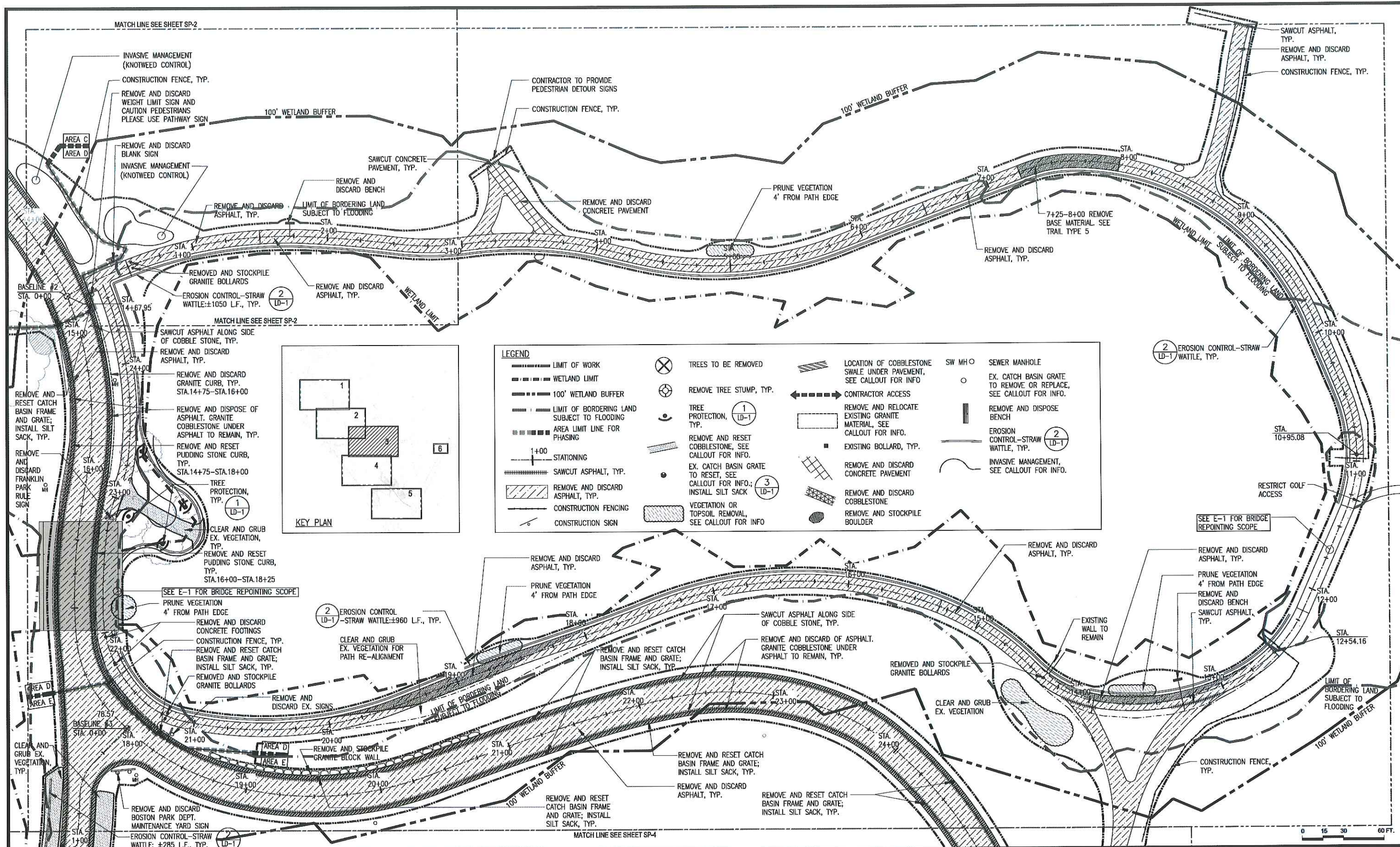
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Project Name: **Phase 5B: Franklin Park Pathways: Lower Circuit Drive and Scarboro Pond Area**

BPRD Project No.	PROJECT NO.
Date	2/05/2018
Scale	1"=30'-0"
Drawn	YL
Checked	KZ

Sheet Name: **Site Preparation Plan**

Section: **SP-2**



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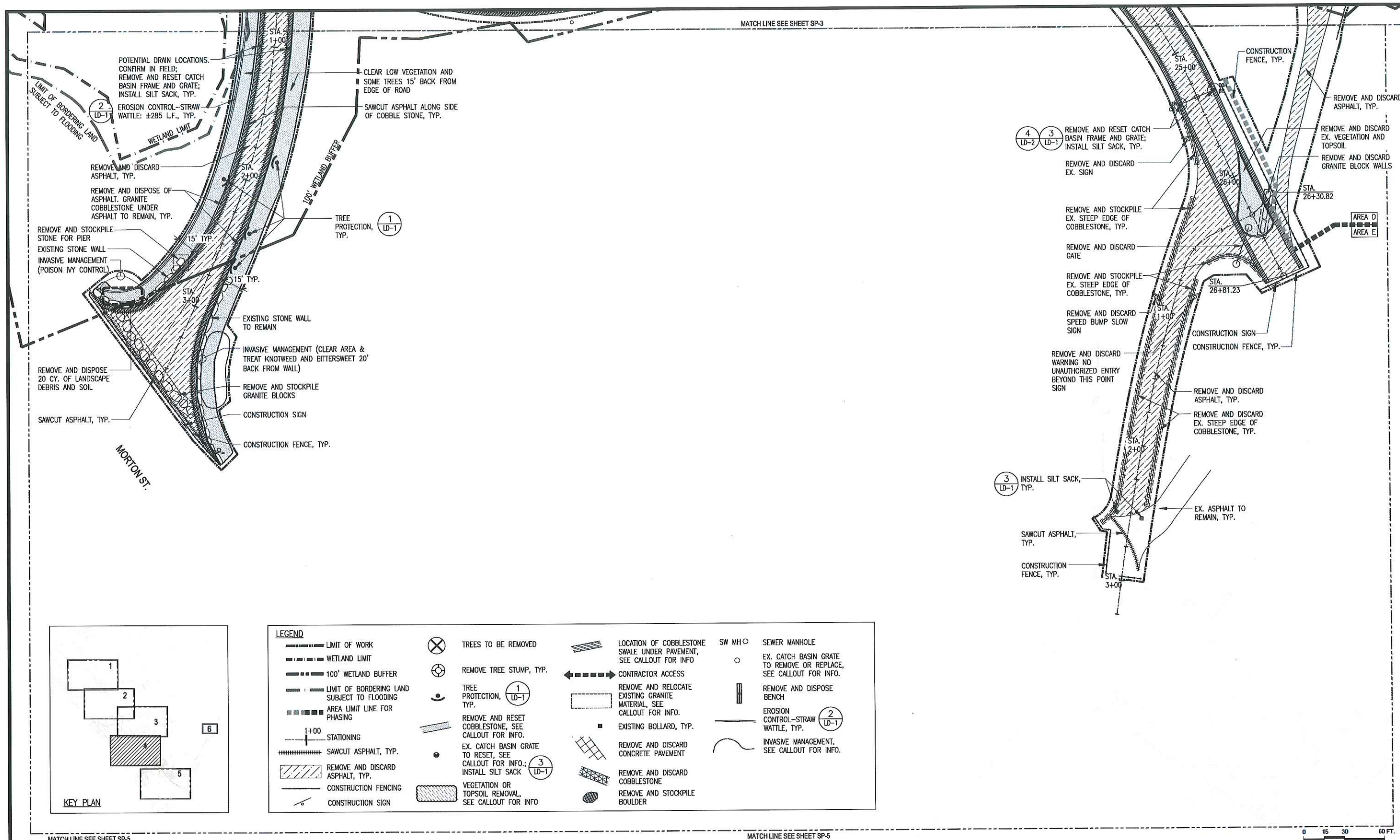
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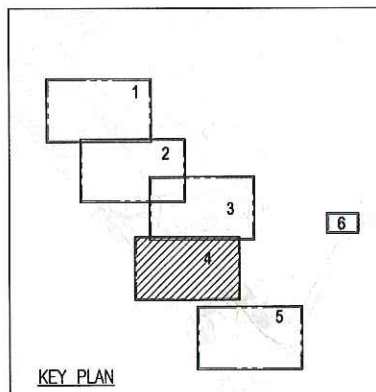
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 Scale: 1"=30'-0"
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Sheet Name: **Site Preparation Plan SP-3**
 Section: _____



MATCH LINE SEE SHEET SP-3

MATCH LINE SEE SHEET SP-5



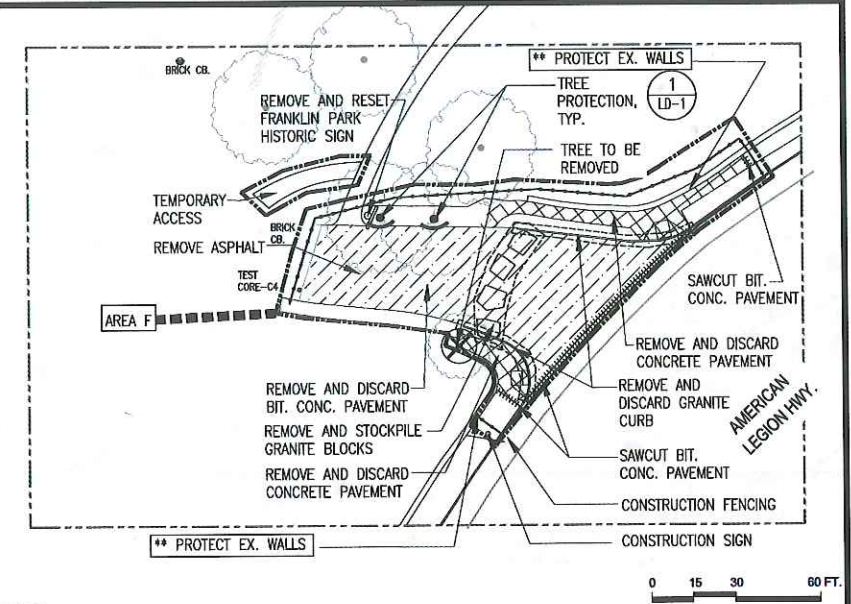
LEGEND

	LIMIT OF WORK		TREES TO BE REMOVED		LOCATION OF COBBLESTONE SWALE UNDER PAVEMENT, SEE CALLOUT FOR INFO.		SEWER MANHOLE
	WETLAND LIMIT		REMOVE TREE STUMP, TYP.		CONTRACTOR ACCESS		EX. CATCH BASIN GRATE TO REMOVE OR REPLACE, SEE CALLOUT FOR INFO.
	100' WETLAND BUFFER		TREE PROTECTION, (1) LD-1		REMOVE AND RELOCATE EXISTING GRANITE MATERIAL, SEE CALLOUT FOR INFO.		REMOVE AND DISPOSE BENCH
	LIMIT OF BORDERING LAND SUBJECT TO FLOODING		REMOVE AND RESET COBBLESTONE, SEE CALLOUT FOR INFO.		REMOVE AND DISCARD CONCRETE PAVEMENT		EROSION CONTROL—STRAW WATTLE, TYP. (2) LD-1
	AREA LIMIT LINE FOR PHASING		EX. CATCH BASIN GRATE TO RESET, SEE CALLOUT FOR INFO.; (3) LD-1		REMOVE AND STOCKPILE BOULDER		INVASIVE MANAGEMENT, SEE CALLOUT FOR INFO.
	1+00 STATIONING		INSTALL SILT SACK (3) LD-1				
	SAWCUT ASPHALT, TYP.		VEGETATION OR TOPSOIL REMOVAL, SEE CALLOUT FOR INFO.				
	REMOVE AND DISCARD ASPHALT, TYP.						
	CONSTRUCTION FENCING						
	CONSTRUCTION SIGN						

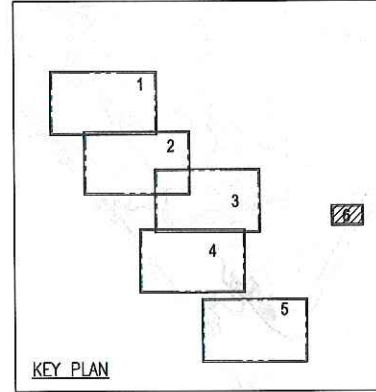
MATCH LINE SEE SHEET SP-5

0 15 30 60 FT.

	Prepared By: kzla Kyle Zick Landscape Architecture, Inc. <small>36 Broadfield Street Suite 202 Boston, MA 02108 617 451-1018 Tel www.kylzick.com</small>		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>Date</th> <th>Revision</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	No.	Date	Revision										Project Name: Phase 5B: Franklin Park Pathways: Lower Circuit Drive and Scarborough Pond Area	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>BP&R Project No.</td> <td>PROJECT NO.</td> </tr> <tr> <td>Date</td> <td>2/05/2018</td> </tr> <tr> <td>Scale</td> <td>1"=30'-0"</td> </tr> <tr> <td>Drawn</td> <td>YL</td> </tr> <tr> <td>Checked</td> <td>KZ</td> </tr> </table>	BP&R Project No.	PROJECT NO.	Date	2/05/2018	Scale	1"=30'-0"	Drawn	YL	Checked	KZ	Sheet Name: Site Preparation Plan	Section: SP-4
	No.	Date	Revision																										
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Drawn	YL																												
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Consultant Project No. PROJECT NO.		Approved By: _____ Date: _____																											



NOTES:
 1. PLAYGROUND OPEN AT ALL TIMES AND CONTRACTOR SHALL PROVIDE TEMPORALLY ACCESS AS SHOWN ON PLAN.



LEGEND	
	LIMIT OF WORK
	WETLAND LIMIT
	100' WETLAND BUFFER
	LIMIT OF BORDERING LAND SUBJECT TO FLOODING
	AREA LIMIT LINE FOR PHASING
	STATIONING
	SAWCUT ASPHALT, TYP.
	REMOVE AND DISCARD ASPHALT, TYP.
	CONSTRUCTION FENCING
	CONSTRUCTION SIGN
	TREES TO BE REMOVED
	REMOVE TREE STUMP, TYP.
	TREE PROTECTION, TYP.
	REMOVE AND RESET COBBLESTONE, SEE CALLOUT FOR INFO.
	EX. CATCH BASIN GRATE TO RESET, SEE CALLOUT FOR INFO; INSTALL SILT SACK
	VEGETATION OR TOPSOIL REMOVAL, SEE CALLOUT FOR INFO
	LOCATION OF COBBLESTONE SHALE UNDER PAVEMENT, SEE CALLOUT FOR INFO
	CONTRACTOR ACCESS
	REMOVE AND RELOCATE EXISTING GRANITE MATERIAL, SEE CALLOUT FOR INFO.
	EXISTING BOLLARD, TYP.
	REMOVE AND DISCARD CONCRETE PAVEMENT
	REMOVE AND DISCARD COBBLESTONE
	REMOVE AND STOCKPILE BOULDER
	SEWER MANHOLE
	EX. CATCH BASIN GRATE TO REMOVE OR REPLACE, SEE CALLOUT FOR INFO.
	REMOVE AND DISPOSE BENCH
	EROSION CONTROL-STRAW WATTLE, TYP.
	INVASIVE MANAGEMENT, SEE CALLOUT FOR INFO.



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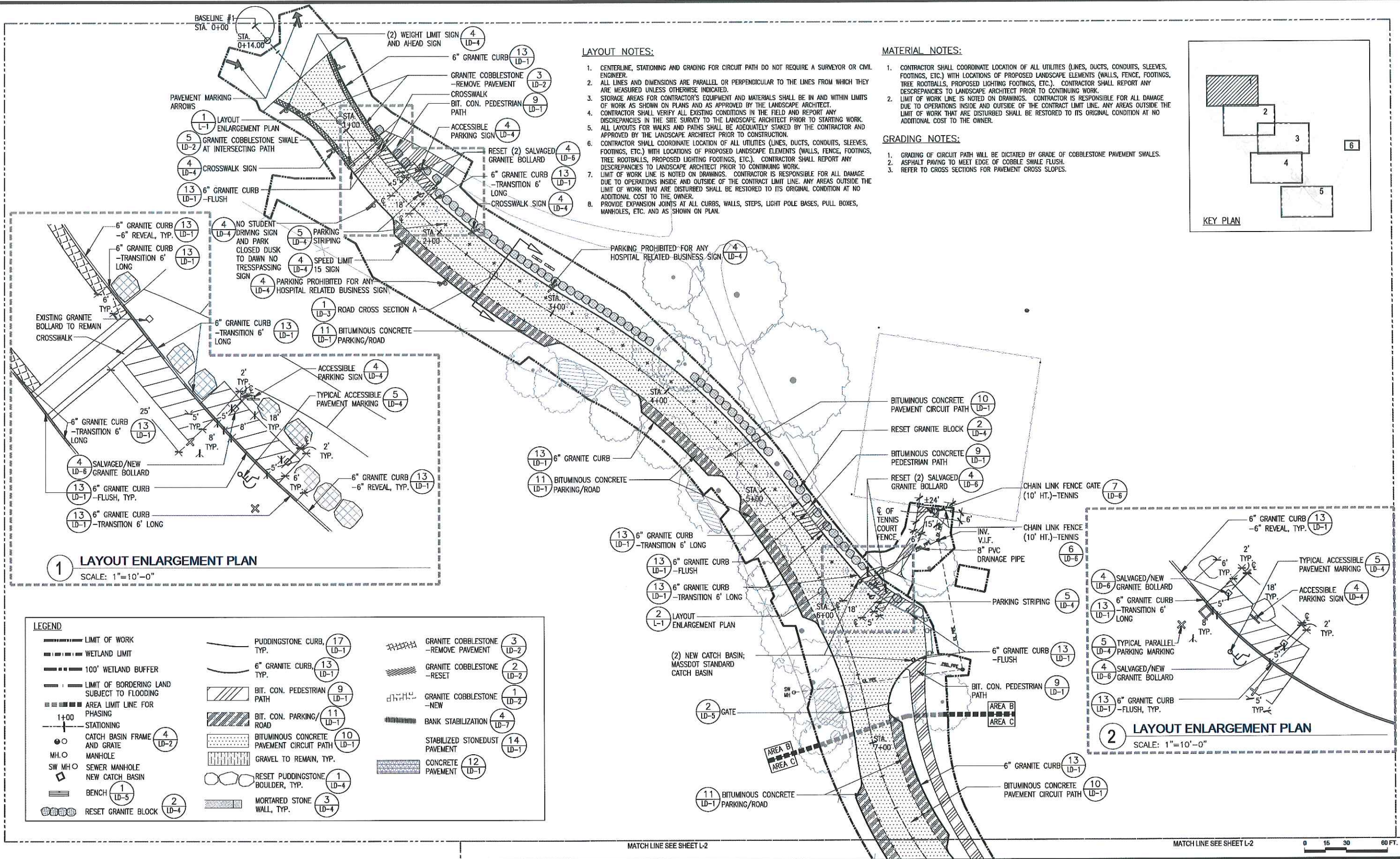
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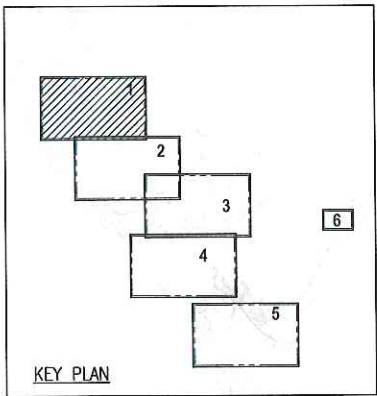
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Site Preparation Plan

Section:
SP-6



- LAYOUT NOTES:**
- CENTERLINE, STATIONING AND GRADING FOR CIRCUIT PATH DO NOT REQUIRE A SURVEYOR OR CIVIL ENGINEER.
 - ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE INDICATED.
 - STORAGE AREAS FOR CONTRACTOR'S EQUIPMENT AND MATERIALS SHALL BE IN AND WITHIN LIMITS OF WORK AS SHOWN ON PLANS AND AS APPROVED BY THE LANDSCAPE ARCHITECT.
 - CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES IN THE SITE SURVEY TO THE LANDSCAPE ARCHITECT PRIOR TO STARTING WORK. ALL LAYOUTS FOR WALKS AND PATHS SHALL BE ADEQUATELY STAKED BY THE CONTRACTOR AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.
 - CONTRACTOR SHALL COORDINATE LOCATION OF ALL UTILITIES (LINES, DUCTS, CONDUITS, SLEEVES, FOOTINGS, ETC.) WITH LOCATIONS OF PROPOSED LANDSCAPE ELEMENTS (WALLS, FENCE, FOOTINGS, TREE ROOTBALLS, PROPOSED LIGHTING FOOTINGS, ETC.). CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO LANDSCAPE ARCHITECT PRIOR TO CONTINUING WORK.
 - LIMIT OF WORK LINE IS NOTED ON DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE DUE TO OPERATIONS INSIDE AND OUTSIDE OF THE CONTRACT LIMIT LINE. ANY AREAS OUTSIDE THE LIMIT OF WORK THAT ARE DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
 - PROVIDE EXPANSION JOINTS AT ALL CURBS, WALLS, STEPS, LIGHT POLE BASES, PULL BOXES, MANHOLES, ETC. AND AS SHOWN ON PLAN.

- MATERIAL NOTES:**
- CONTRACTOR SHALL COORDINATE LOCATION OF ALL UTILITIES (LINES, DUCTS, CONDUITS, SLEEVES, FOOTINGS, ETC.) WITH LOCATIONS OF PROPOSED LANDSCAPE ELEMENTS (WALLS, FENCE, FOOTINGS, TREE ROOTBALLS, PROPOSED LIGHTING FOOTINGS, ETC.). CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO LANDSCAPE ARCHITECT PRIOR TO CONTINUING WORK.
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- GRADING NOTES:**
- GRADING OF CIRCUIT PATH WILL BE DICTATED BY GRADE OF COBBLESTONE PAVEMENT SWALES.
 - ASPHALT PAVING TO MEET EDGE OF COBBLE SWALE FLUSH.
 - REFER TO CROSS SECTIONS FOR PAVEMENT CROSS SLOPES.



1 LAYOUT ENLARGEMENT PLAN
SCALE: 1"=10'-0"

2 LAYOUT ENLARGEMENT PLAN
SCALE: 1"=10'-0"

LEGEND

<ul style="list-style-type: none"> LIMIT OF WORK WETLAND LIMIT 100' WETLAND BUFFER LIMIT OF BORDERING LAND SUBJECT TO FLOODING AREA LIMIT LINE FOR PHASING STATIONING CATCH BASIN FRAME AND GRATE MH.O MANHOLE SW MH.O SEWER MANHOLE NEW CATCH BASIN BENCH RESET GRANITE BLOCK 	<ul style="list-style-type: none"> PUDDINGSTONE CURB, TYP. (17 LD-1) 6" GRANITE CURB, TYP. (13 LD-1) BIT. CON. PEDESTRIAN PATH (9 LD-1) BIT. CON. PARKING/ROAD (11 LD-1) BITUMINOUS CONCRETE PAVEMENT CIRCUIT PATH (10 LD-1) GRAVEL TO REMAIN, TYP. RESET PUDDINGSTONE BOULDER, TYP. (1 LD-4) MORTARED STONE WALL, TYP. (3 LD-4) 	<ul style="list-style-type: none"> GRANITE COBBLESTONE -REMOVE PAVEMENT (3 LD-2) GRANITE COBBLESTONE -RESET (2 LD-2) GRANITE COBBLESTONE -NEW (1 LD-2) BANK STABILIZATION (4 LD-7) STABILIZED STONEDUST PAVEMENT (14 LD-1) CONCRETE PAVEMENT (12 LD-1)
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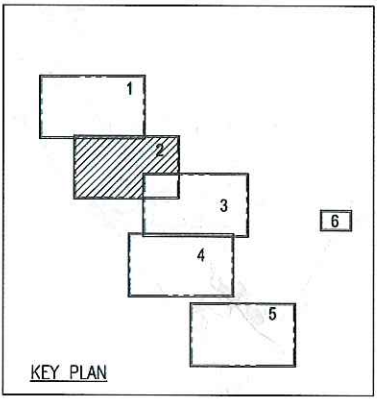
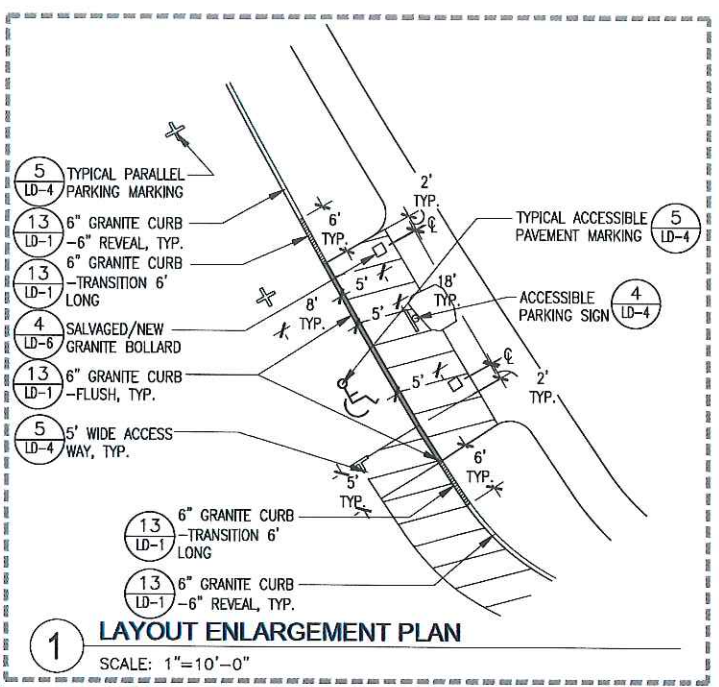
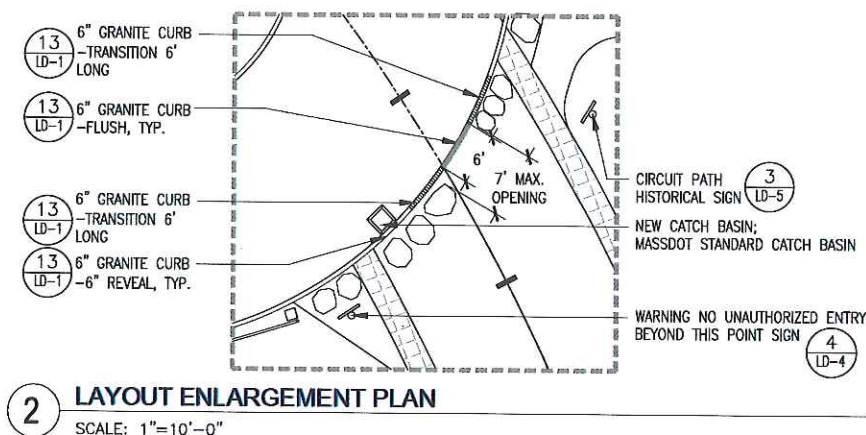
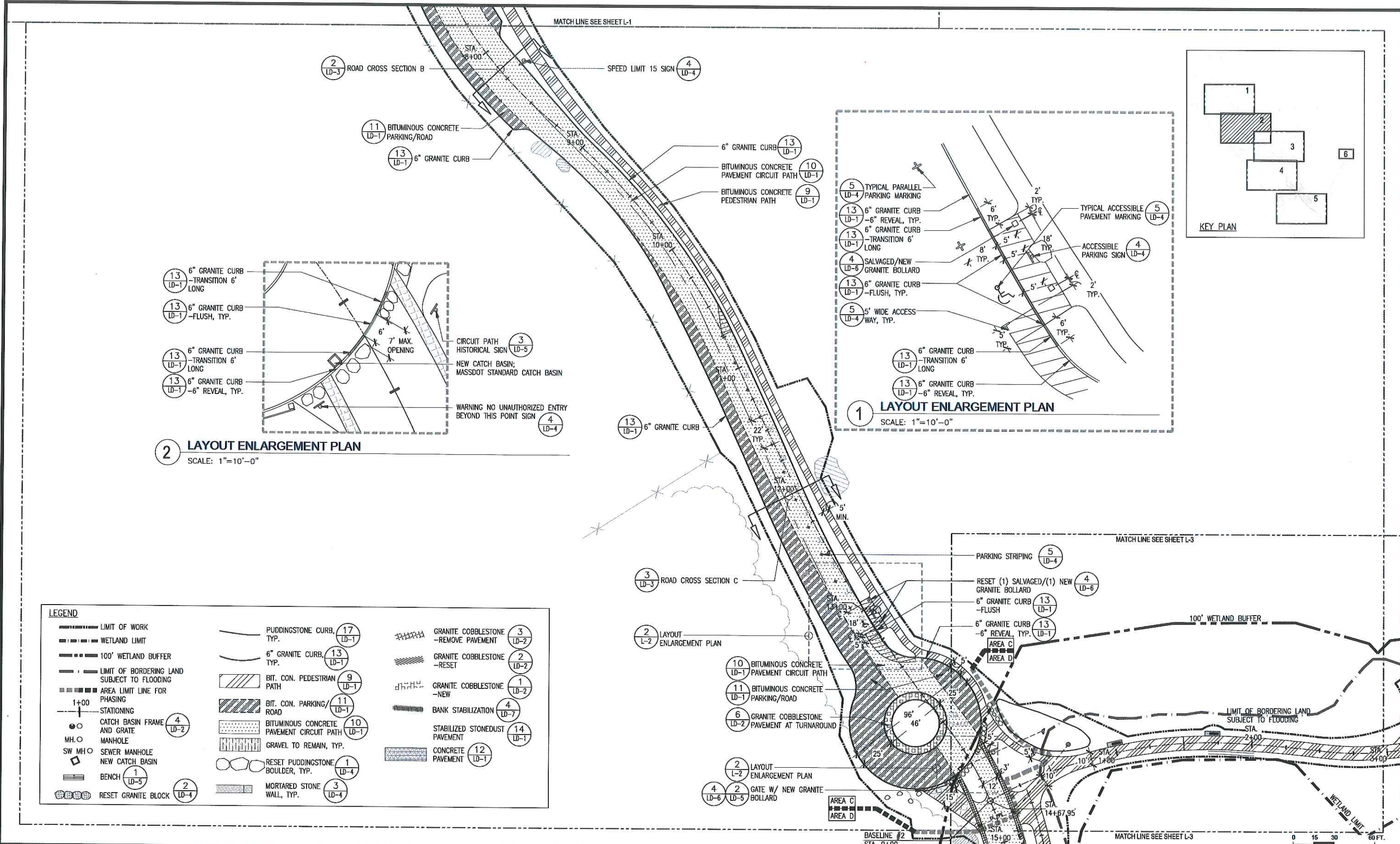
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Checked: KZ

Sheet Name:
Layout & Materials Plan

Section:
L-1

0 15 30 60 FT.



LEGEND

<ul style="list-style-type: none"> --- LIMIT OF WORK --- WETLAND LIMIT --- 100' WETLAND BUFFER --- LIMIT OF BORDERING LAND SUBJECT TO FLOODING --- AREA LIMIT LINE FOR PHASING 1+00 STATIONING ○ CATCH BASIN FRAME AND GRATE M.H. ○ MANHOLE SW M.H. ○ SEWER MANHOLE □ NEW CATCH BASIN — BENCH ○ RESET GRANITE BLOCK 	<ul style="list-style-type: none"> PUDDINGSTONE CURB, TYP. (17 LD-1) 6" GRANITE CURB, TYP. (13 LD-1) BIT. CON. PEDESTRIAN PATH (9 LD-1) BIT. CON. PARKING/ROAD (11 LD-1) BITUMINOUS CONCRETE PAVEMENT CIRCUIT PATH (10 LD-1) GRAVEL TO REMAIN, TYP. RESET PUDDINGSTONE BOULDER, TYP. (1 LD-4) MORTARED STONE WALL, TYP. (3 LD-4) 	<ul style="list-style-type: none"> GRANITE COBBLESTONE -REMOVE PAVEMENT (3 LD-2) GRANITE COBBLESTONE -RESET (2 LD-2) GRANITE COBBLESTONE -NEW (1 LD-2) BANK STABILIZATION (4 LD-7) STABILIZED STONEDUST PAVEMENT (14 LD-1) CONCRETE PAVEMENT (12 LD-1)
---	--	--



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No.	Date	Revision

Approved By: _____ Date: _____

Project Name:
Phase 5B: Franklin Park Pathways: Lower Circuit Drive and Scarboro Pond Area

BPRD Project No. _____

PROJECT NO. 2/05/2018

Date _____

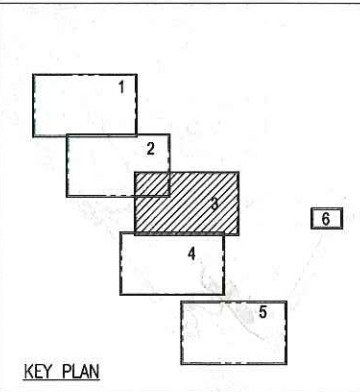
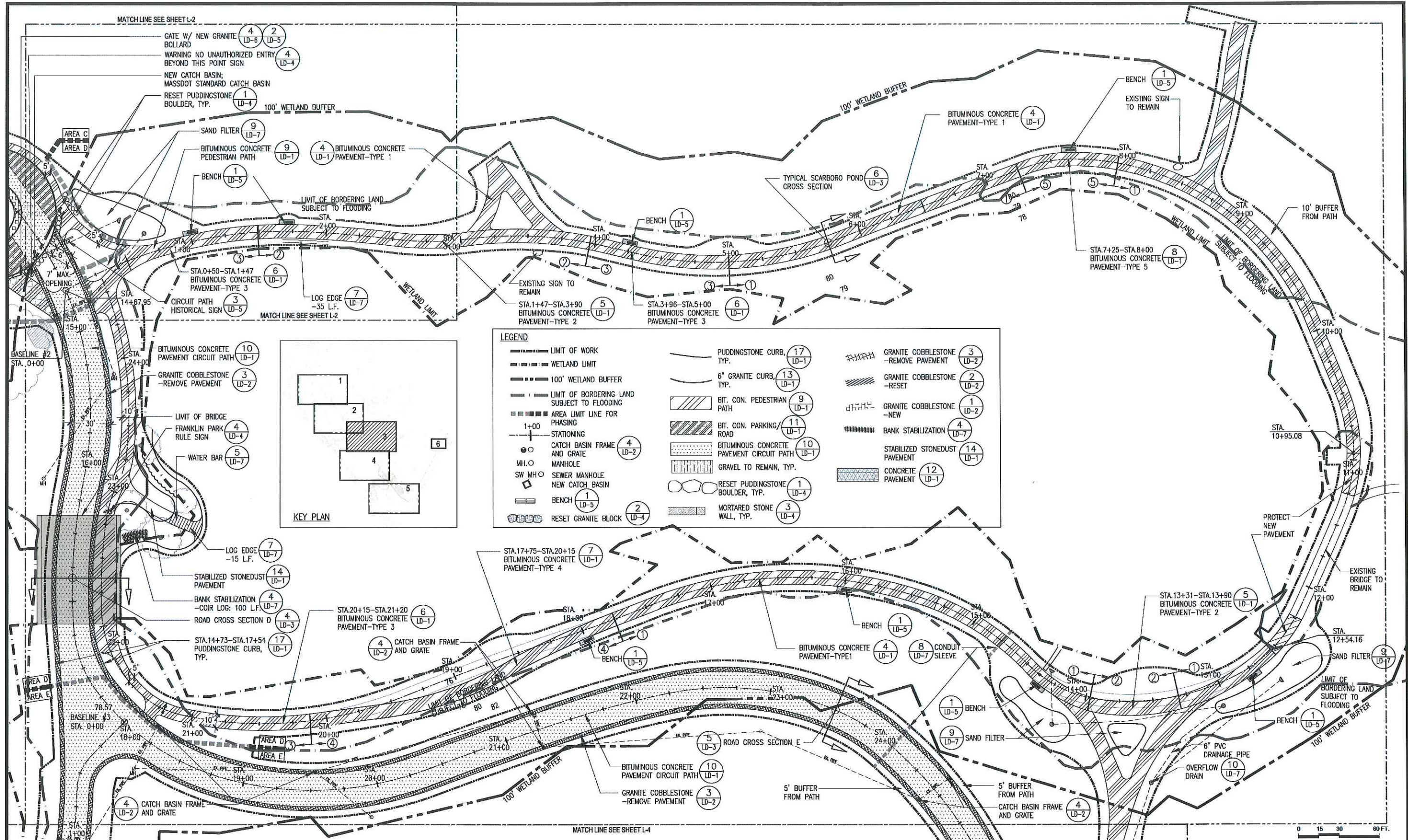
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Drawn YL

Checked KZ

Sheet Name:
Layout & Materials Plan

Section:
L-2



LEGEND

--- LIMIT OF WORK	PUDDINGSTONE CURB, TYP. (17) LD-1	GRANITE COBBLESTONE - REMOVE PAVEMENT (3) LD-2
--- WETLAND LIMIT	6" GRANITE CURB, TYP. (13) LD-1	GRANITE COBBLESTONE - RESET (2) LD-2
--- 100' WETLAND BUFFER	BIT. CON. PEDESTRIAN PATH (9) LD-1	GRANITE COBBLESTONE - NEW (1) LD-2
--- LIMIT OF BORDERING LAND SUBJECT TO FLOODING	BIT. CON. PARKING/ROAD (11) LD-1	BANK STABILIZATION (4) LD-7
--- AREA LIMIT LINE FOR PHASING	BITUMINOUS CONCRETE PAVEMENT CIRCUIT PATH (10) LD-1	STABILIZED STONEDUST PAVEMENT (14) LD-1
1+00 STATIONING	GRAVEL TO REMAIN, TYP. (12) LD-1	CONCRETE PAVEMENT (12) LD-1
○ CATCH BASIN FRAME AND GRATE (4) LD-2	RESET PUDDINGSTONE BOULDER, TYP. (1) LD-4	
○ MH. ○ MANHOLE	MORTARED STONE WALL, TYP. (3) LD-4	
○ SW MH. ○ SEWER MANHOLE		
○ NEW CATCH BASIN		
○ BENCH (1) LD-5		
○ RESET GRANITE BLOCK (2) LD-4		



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PROJECT NO.

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BPRD Project No. _____

PROJECT NO. _____

Date: 2/05/2018

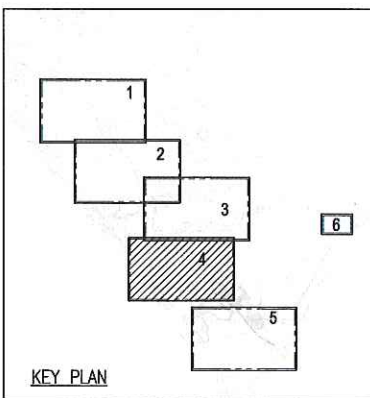
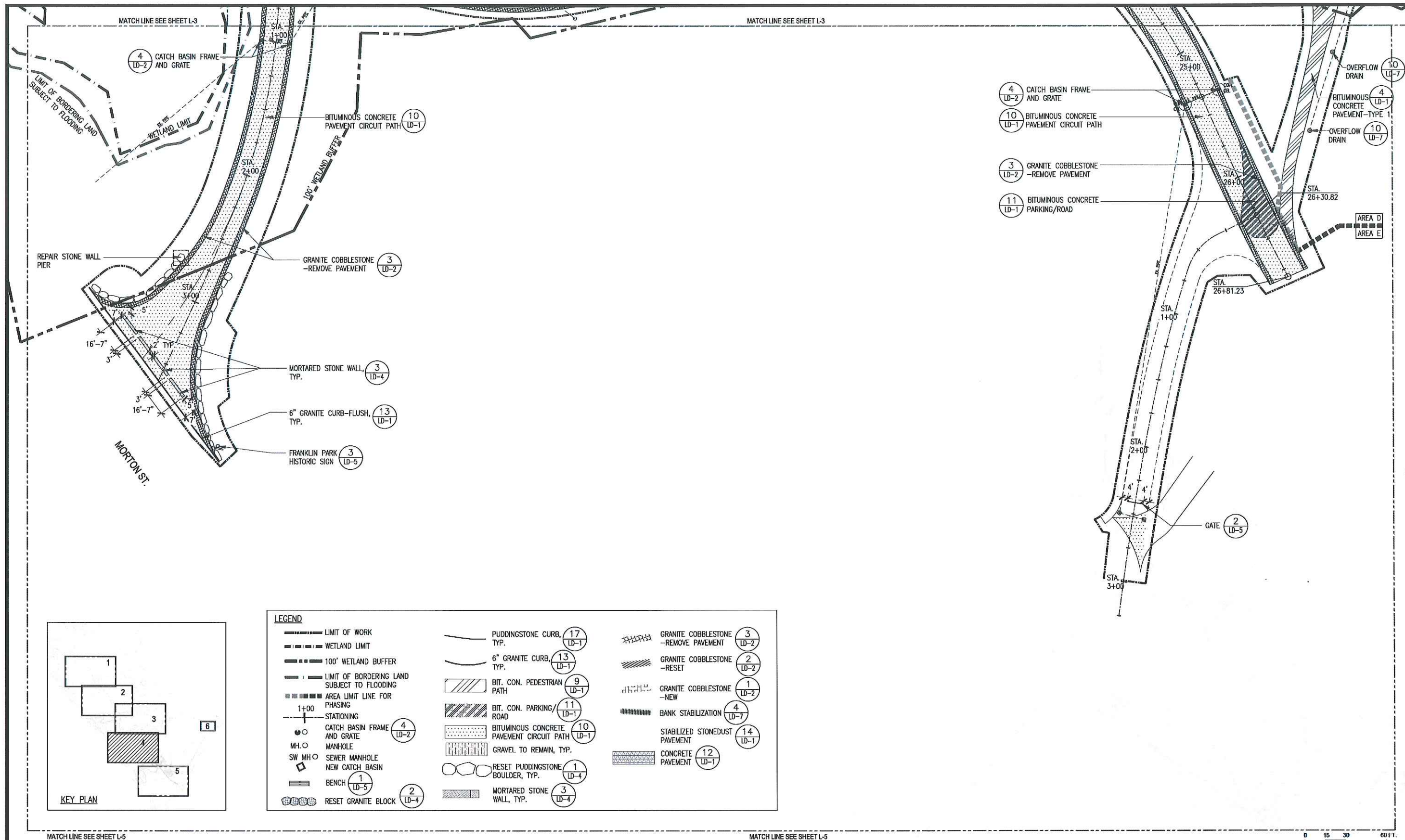
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Sheet Name:
Layout & Materials Plan

Section:
L-3



LEGEND

	LIMIT OF WORK		PUDDINGSTONE CURB, TYP. (17 LD-1)		GRANITE COBBLESTONE - REMOVE PAVEMENT (3 LD-2)
	WETLAND LIMIT		6" GRANITE CURB, TYP. (13 LD-1)		GRANITE COBBLESTONE - RESET (2 LD-2)
	100' WETLAND BUFFER		BIT. CON. PEDESTRIAN PATH (9 LD-1)		GRANITE COBBLESTONE - NEW (1 LD-2)
	LIMIT OF BORDERING LAND SUBJECT TO FLOODING		BIT. CON. PARKING/ROAD (11 LD-1)		BANK STABILIZATION (4 LD-7)
	AREA LIMIT LINE FOR PHASING		BITUMINOUS CONCRETE PAVEMENT CIRCUIT PATH (10 LD-1)		STABILIZED STONEDUST PAVEMENT (14 LD-1)
	STATIONING		GRAVEL TO REMAIN, TYP.		CONCRETE PAVEMENT (12 LD-1)
	CATCH BASIN FRAME AND GRATE (4 LD-2)		RESET PUDDINGSTONE BOULDER, TYP. (1 LD-4)		
	MH. O MANHOLE		MORTARED STONE WALL, TYP. (3 LD-4)		
	SW MH. O SEWER MANHOLE				
	NEW CATCH BASIN				
	BENCH (1 LD-5)				
	RESET GRANITE BLOCK (2 LD-4)				

MATCH LINE SEE SHEET L-5

MATCH LINE SEE SHEET L-5

0 15 30 60 FT.



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No.	Date	Revision

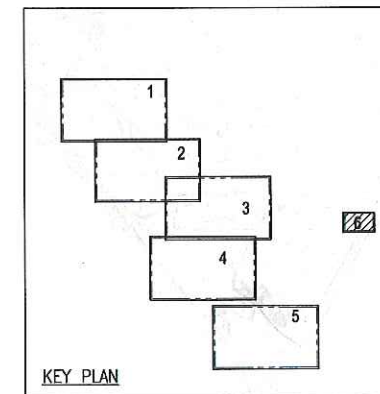
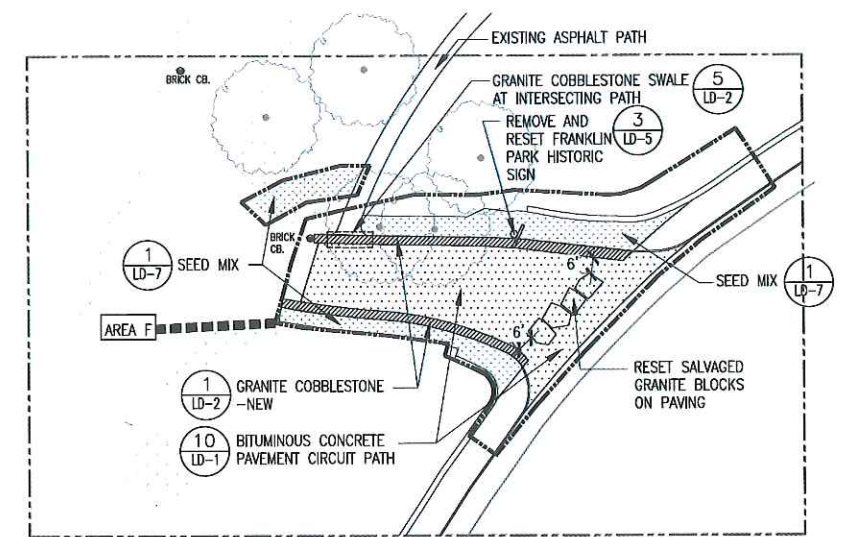
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Project Name:
Phase 5B: Franklin Park Pathways: Lower Circuit Drive and Scarboro Pond Area

BPRD Project No.	PROJECT NO.
Date:	2/05/2018
Scale:	1"=30'-0"
Drawn:	YL
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Sheet Name:
Layout & Materials Plan

Section:
L-4



LEGEND

<ul style="list-style-type: none"> --- LIMIT OF WORK --- WETLAND LIMIT --- 100' WETLAND BUFFER --- LIMIT OF BORDERING LAND SUBJECT TO FLOODING --- AREA LIMIT LINE FOR PHASING 1+00 STATIONING ○ CATCH BASIN FRAME AND GRATE MH. ○ MANHOLE SW MH ○ SEWER MANHOLE □ NEW CATCH BASIN — BENCH ○ RESET GRANITE BLOCK 	<ul style="list-style-type: none"> PUDDINGSTONE CURB, TYP. (17 LD-1) 6" GRANITE CURB, TYP. (13 LD-1) BIT. CON. PEDESTRIAN PATH (9 LD-1) BIT. CON. PARKING/ROAD (11 LD-1) BITUMINOUS CONCRETE PAVEMENT CIRCUIT PATH (10 LD-1) GRAVEL TO REMAIN, TYP. RESET PUDDINGSTONE BOULDER, TYP. (1 LD-4) MORTARED STONE WALL, TYP. (3 LD-4) 	<ul style="list-style-type: none"> GRANITE COBBLESTONE - REMOVE PAVEMENT (3 LD-2) GRANITE COBBLESTONE - RESET (2 LD-2) GRANITE COBBLESTONE - NEW (1 LD-2) BANK STABILIZATION (4 LD-7) STABILIZED STONEDUST PAVEMENT (14 LD-1) CONCRETE PAVEMENT (12 LD-1)
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No.	Date	Revision

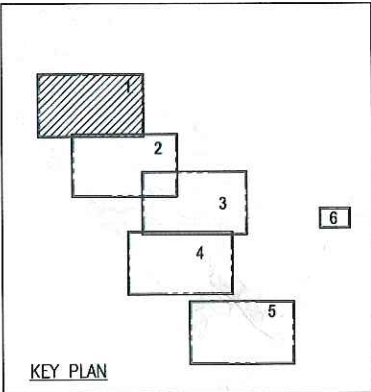
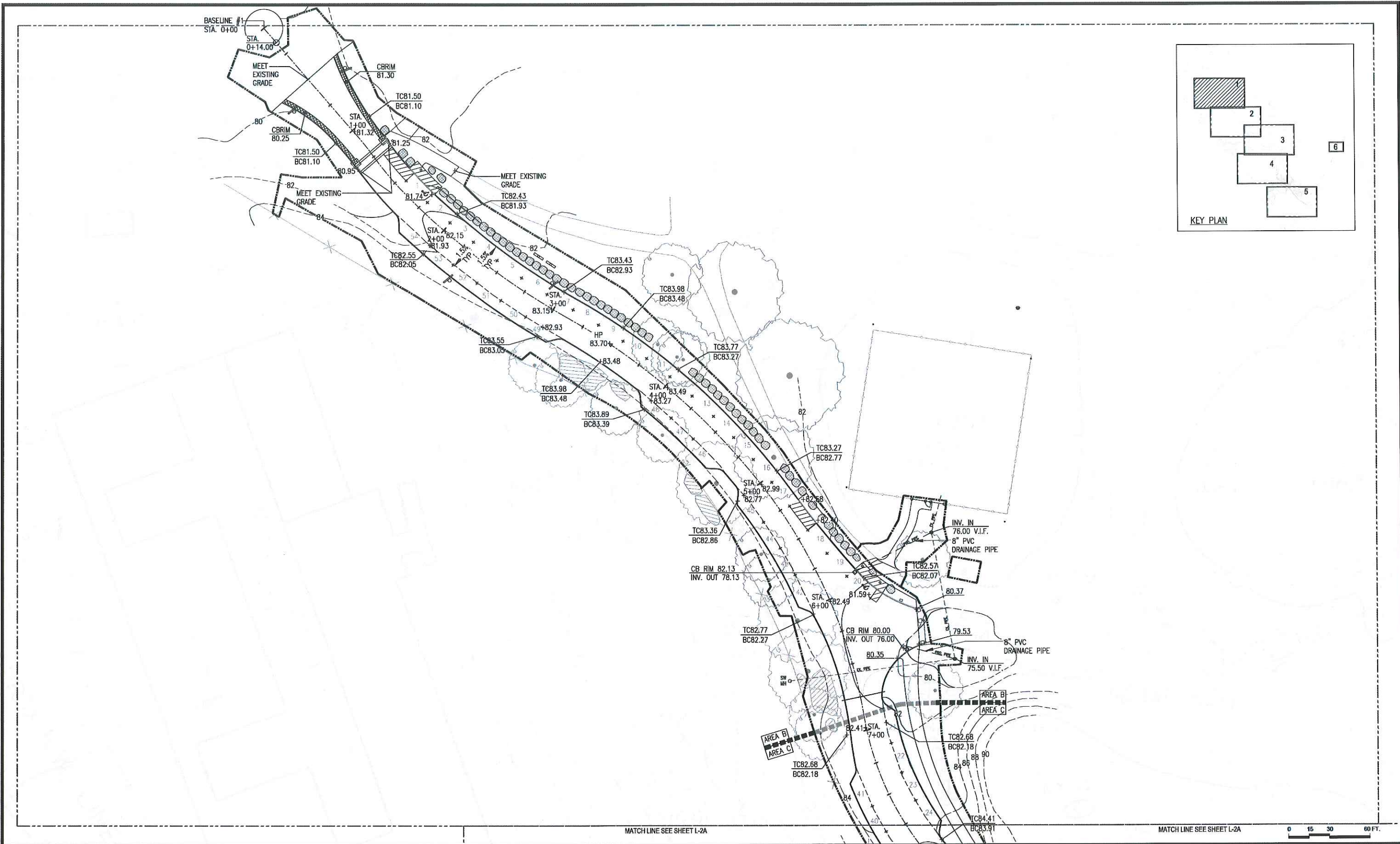
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Project Name:
Phase 5B: Franklin Park Pathways: Lower Circuit Drive and Scarboro Pond Area

BPRD Project No.	PROJECT NO.
Date	2/05/2018
Scale	1"=30'-0"
Drawn	YL
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Sheet Name:
Layout & Materials Plan

Section:
L-6

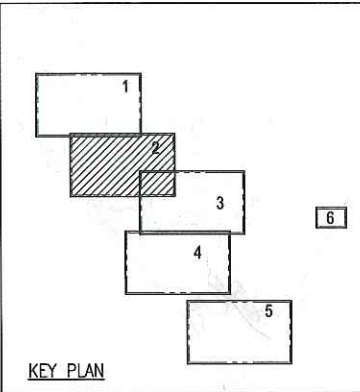
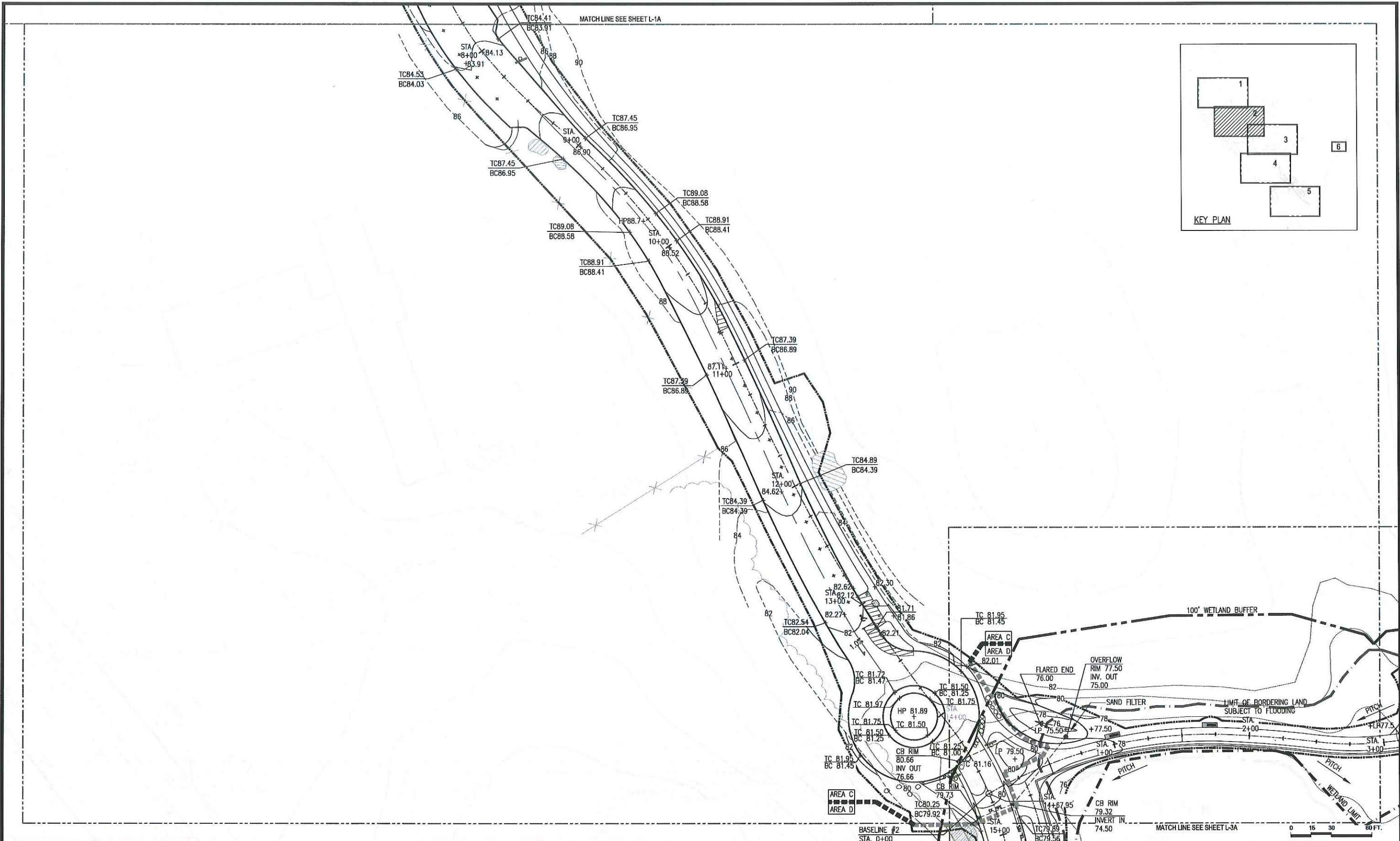


MATCH LINE SEE SHEET L-2A

MATCH LINE SEE SHEET L-2A

0 15 30 60 FT.

	Prepared By: kzla <small>Kyle Zick Landscape Architecture, Inc. 36 Riverfield Street Suite 702 Boston, MA 02118 617.451.1018 Tel www.kylorick.com</small>	 NORTH	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>Date</th> <th>Revision</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	No.	Date	Revision										Project Name: Phase 5B: Franklin Park Pathways: Lower Circuit Drive and Scarboro Pond Area	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>BP/PO Project No.</td><td>PROJECT NO.</td></tr> <tr><td>Date</td><td>2/05/2018</td></tr> <tr><td>Scale</td><td>1"=30'-0"</td></tr> <tr><td>Drawn</td><td>YL</td></tr> <tr><td>Checked</td><td>KZ</td></tr> </table>	BP/PO Project No.	PROJECT NO.	Date	2/05/2018	Scale	1"=30'-0"	Drawn	YL	Checked	KZ	Sheet Name: Grading Plan	Section: L-1A
	No.	Date	Revision																										
BP/PO Project No.	PROJECT NO.																												
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Drawn	YL																												
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Approved By: _____ Date: _____																													



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No.	Date	Revision

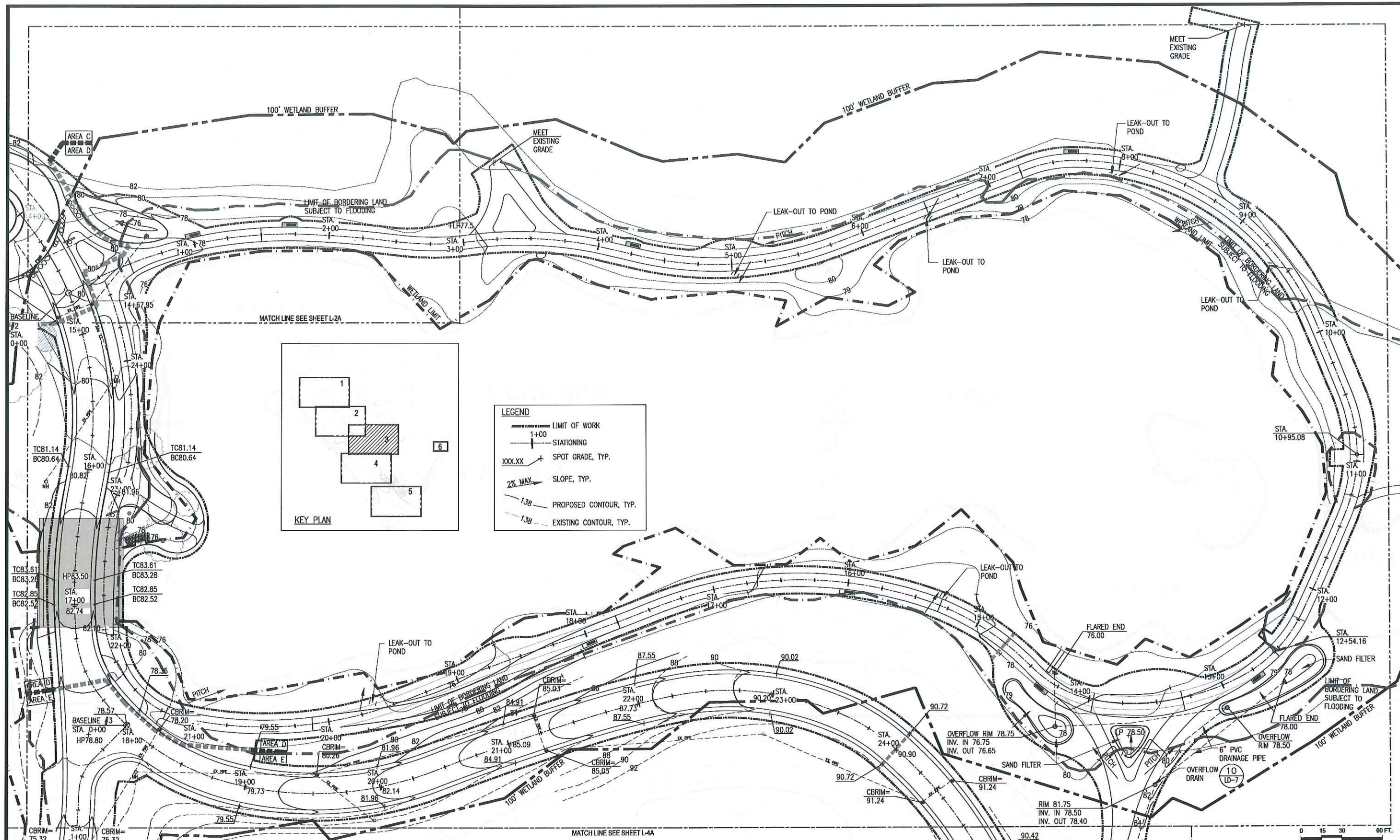
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Project Name:
Phase 5B: Franklin Park Pathways: Lower Circuit Drive and Scarboro Pond Area

SPRD Project No.	PROJECT NO.
Date	2/05/2018
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Sheet Name:
Grading Plan

Section:
L-2A



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No.	Date	Revision

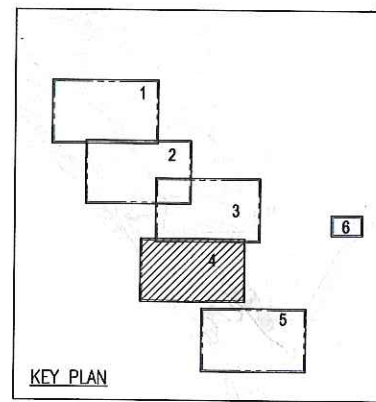
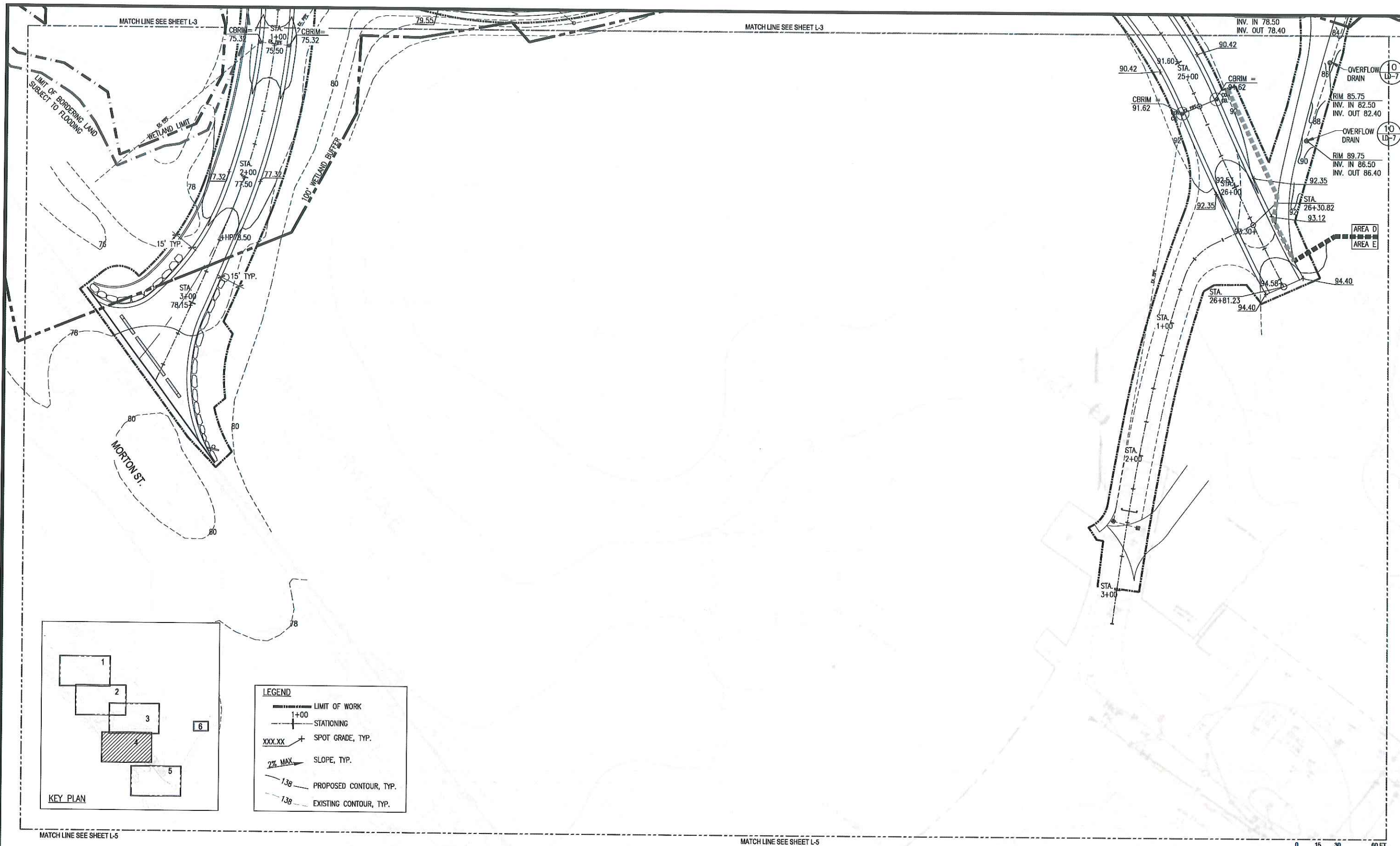
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Project Name:
Phase 5B: Franklin Park Pathways: Lower Circuit Drive and Scarboro Pond Area

HWFD Project No. _____
 PROJECT NO. _____
 Date: 2/06/2018
 Scale: 1"=30'-0"
 Drawn: YL
 Checked: KZ

Sheet Name:
Grading Plan

Section:
L-3A



LEGEND

- LIMIT OF WORK
- STATIONING
- SPOT GRADE, TYP.
- SLOPE, TYP.
- PROPOSED CONTOUR, TYP.
- EXISTING CONTOUR, TYP.

MATCH LINE SEE SHEET L-5

MATCH LINE SEE SHEET L-5

0 15 30 60 FT.



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Project Name:
Phase 5B: Franklin Park Pathways: Lower Circuit Drive and Scarboro Pond Area

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Date	2/05/2018
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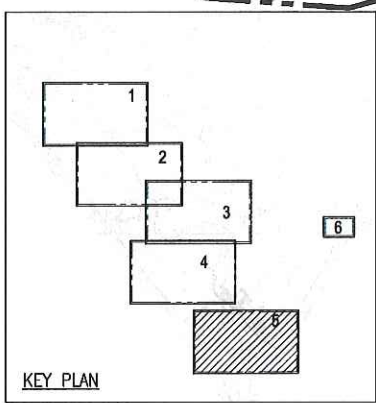
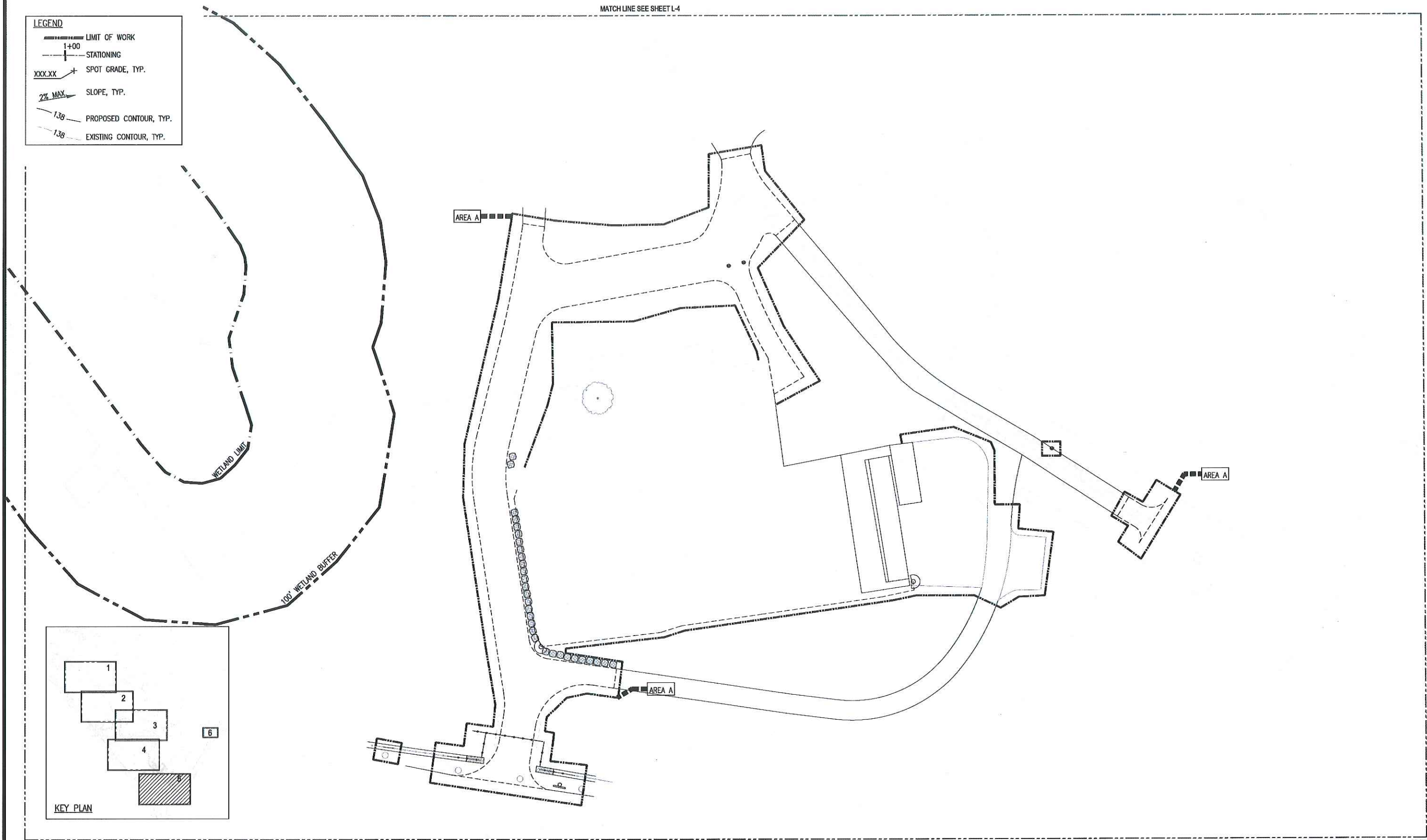
Sheet Name:
Grading Plan

Section:
L-4A

MATCH LINE SEE SHEET L-4

LEGEND

	LIMIT OF WORK
	STATIONING
	SPOT GRADE, TYP.
	SLOPE, TYP.
	PROPOSED CONTOUR, TYP.
	EXISTING CONTOUR, TYP.



0 15 30 60 FT.



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No.	Date	Revision

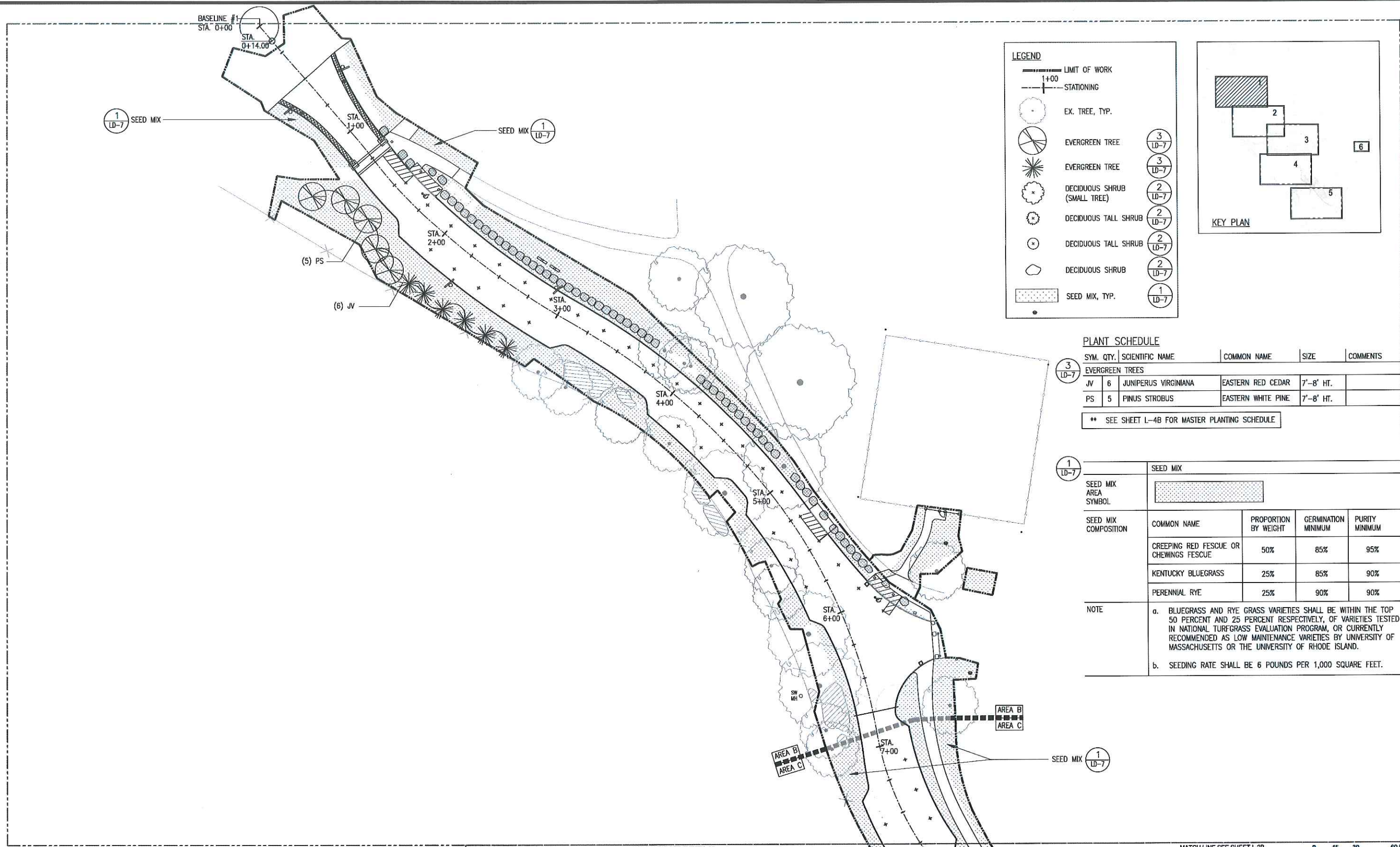
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Project Name: **Phase 5B: Franklin Park Pathways: Lower Circuit Drive and Scarboro Pond Area**

BPRD Project No.	PROJECT NO.
Date	2/05/2018
Scale	1"=30'-0"
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Sheet Name: **Grading Plan**

Section: **L-5A**



LEGEND

- LIMIT OF WORK
- 1+00 STATIONING
- EX. TREE, TYP.
- EVERGREEN TREE (3 LD-7)
- EVERGREEN TREE (3 LD-7)
- DECIDUOUS SHRUB (SMALL TREE) (2 LD-7)
- DECIDUOUS TALL SHRUB (2 LD-7)
- DECIDUOUS TALL SHRUB (2 LD-7)
- DECIDUOUS SHRUB (2 LD-7)
- SEED MIX, TYP. (1 LD-7)

PLANT SCHEDULE

SYM.	QTY.	SCIENTIFIC NAME	COMMON NAME	SIZE	COMMENTS
EVERGREEN TREES					
JV	6	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	7'-8' HT.	
PS	5	PINUS STROBUS	EASTERN WHITE PINE	7'-8' HT.	

** SEE SHEET L-4B FOR MASTER PLANTING SCHEDULE

1 LD-7 SEED MIX

SEED MIX COMPOSITION	COMMON NAME	PROPORTION BY WEIGHT	GERMINATION MINIMUM	PURITY MINIMUM
	CREeping RED FESCUE OR CHEWINGS FESCUE	50%	85%	95%
	KENTUCKY BLUEGRASS	25%	85%	90%
	PERENNIAL RYE	25%	90%	90%

NOTE

- BLUEGRASS AND RYE GRASS VARIETIES SHALL BE WITHIN THE TOP 50 PERCENT AND 25 PERCENT RESPECTIVELY, OF VARIETIES TESTED IN NATIONAL TURFGRASS EVALUATION PROGRAM, OR CURRENTLY RECOMMENDED AS LOW MAINTENANCE VARIETIES BY UNIVERSITY OF MASSACHUSETTS OR THE UNIVERSITY OF RHODE ISLAND.
- SEEDING RATE SHALL BE 6 POUNDS PER 1,000 SQUARE FEET.



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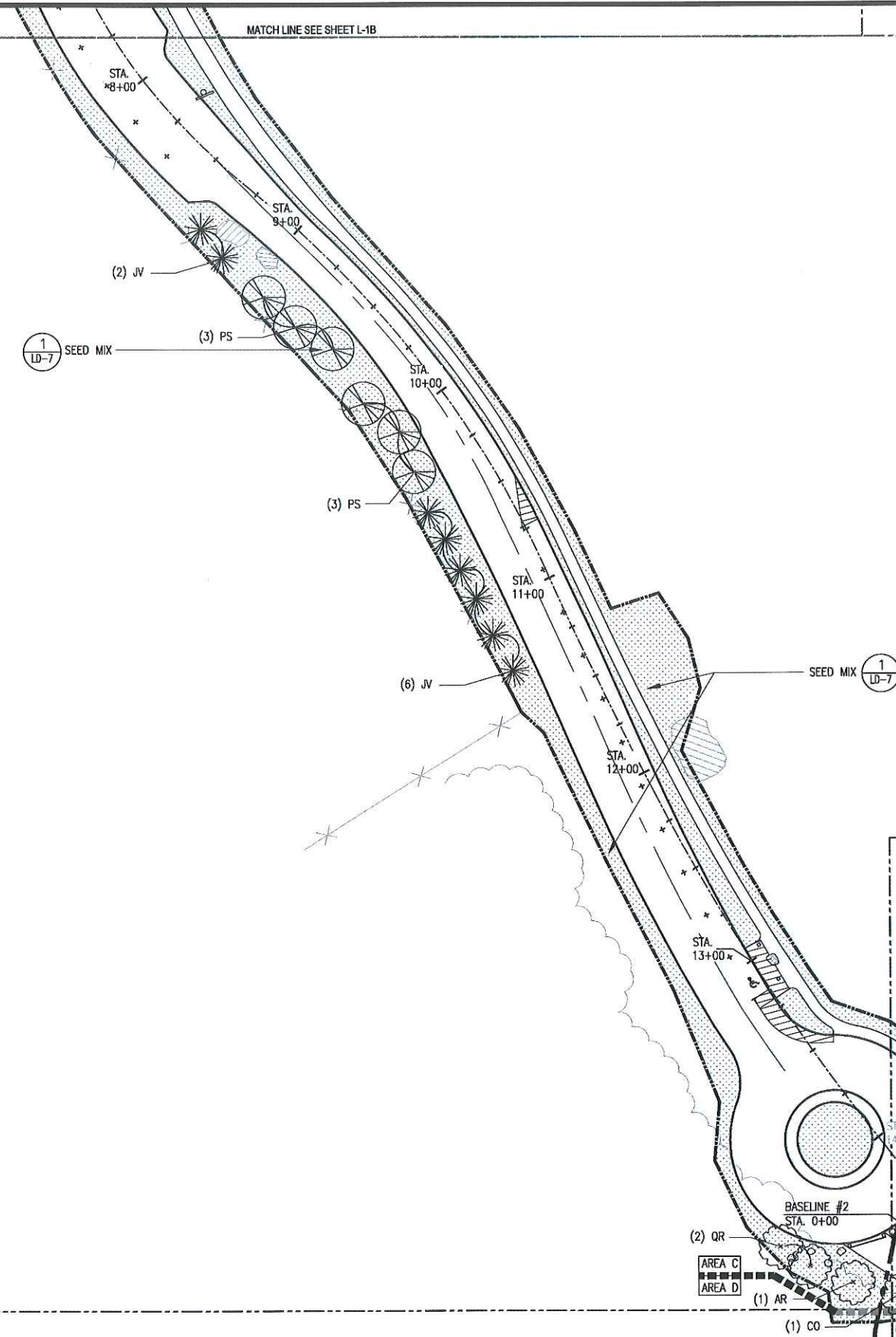
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Phase 5B: Franklin Park Pathways: Lower Circuit Drive and Scarborough Pond Area

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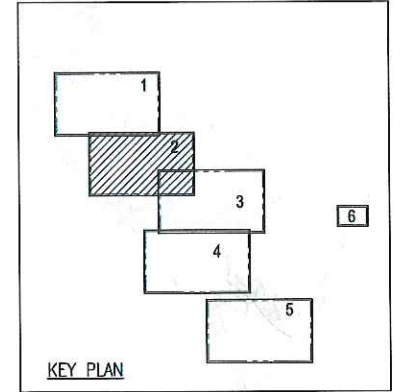
Sheet Name:
Planting Plan

Section:
L-1B



LEGEND

	LIMIT OF WORK	
	STATIONING	
	EX. TREE, TYP.	
	EVERGREEN TREE	(3) LD-7
	EVERGREEN TREE	(3) LD-7
	DECIDUOUS SHRUB (SMALL TREE)	(3) LD-7
	DECIDUOUS TALL SHRUB	(2) LD-7
	DECIDUOUS TALL SHRUB	(2) LD-7
	DECIDUOUS SHRUB	(2) LD-7
	SEED MIX, TYP.	(1) LD-7



PLANT SCHEDULE

SYM.	QTY.	SCIENTIFIC NAME	COMMON NAME	SIZE	COMMENTS
DECIDUOUS TREES					
AR	2	ACER RUBRUM	RED MAPLE	3" CAL.	
CO	1	CARYA OVATA	SHAGBARK HICKORY	2" CAL.	CONTAINER GROWN
NS	2	NYSSA SYLVATICA	BLACK GUM	2" CAL.	CONTAINER GROWN
QR	2	QUERCUS RUBRA	RED OAK	2" CAL.	CONTAINER GROWN
EVERGREEN TREES					
JV	8	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	7'-8' HT.	
PS	6	PINUS STROBUS	EASTERN WHITE PINE	7'-8' HT.	

** SEE SHEET L-4B FOR MASTER PLANTING SCHEDULE



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No.	Date	Revision

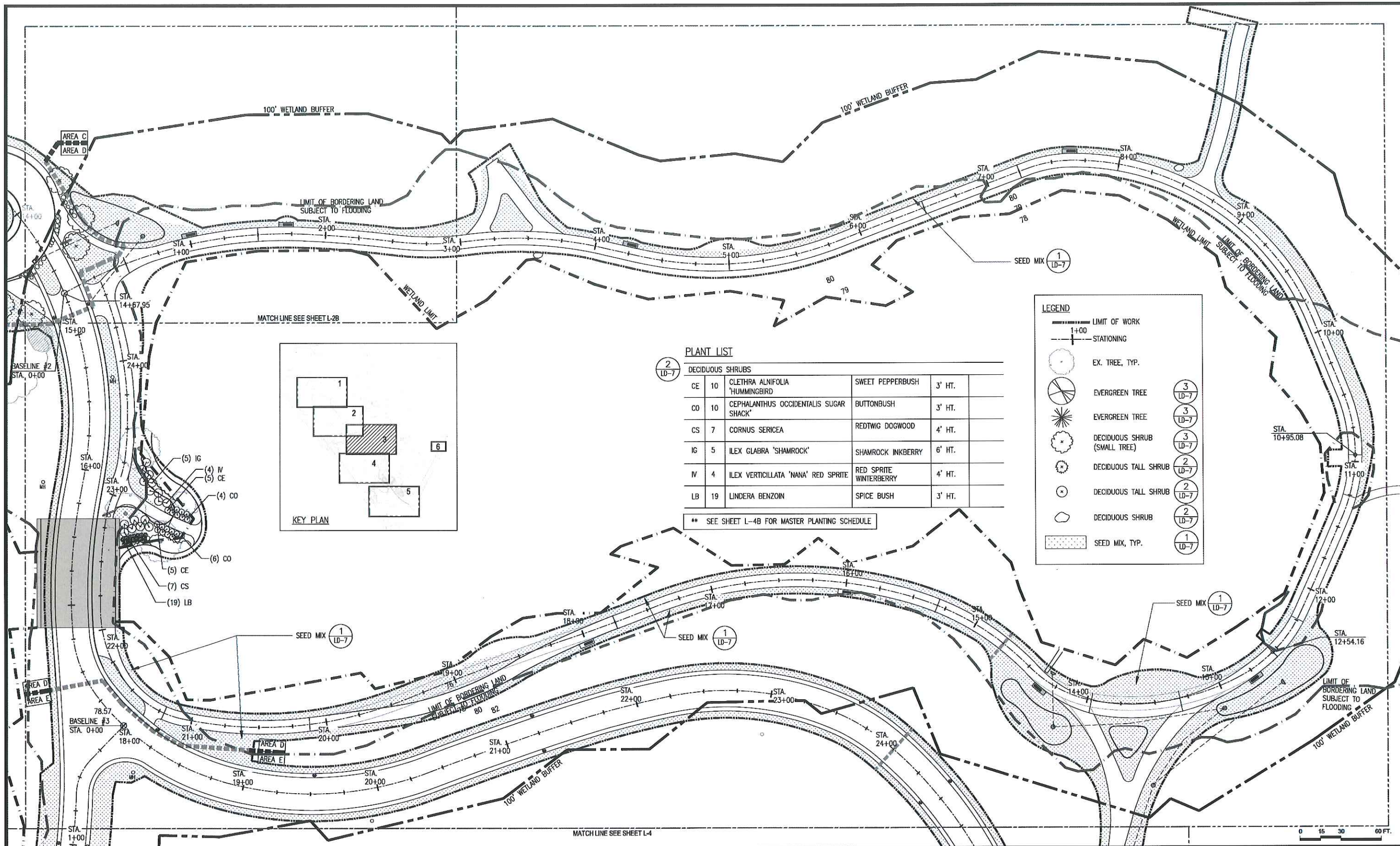
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Phase 5B: Franklin Park Pathways: Lower Circuit Drive and Scarborough Pond Area

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Sheet Name.:
Planting Plan

Section:
L-2B



PLANT LIST

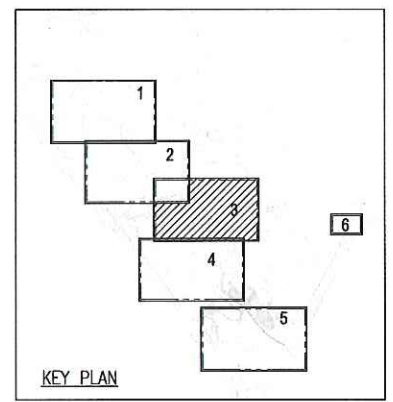
DECIDUOUS SHRUBS			
CE	10	CLETHRA ALNIFOLIA 'HUMMINGBIRD'	SWEET PEPPERBUSH 3' HT.
CO	10	CEPHALANTHUS OCCIDENTALIS SUGAR SHACK'	BUTTONBUSH 3' HT.
CS	7	CORNUS SERICEA	REDTWIG DOGWOOD 4' HT.
IG	5	ILEX GLABRA 'SHAMROCK'	SHAMROCK INKBERRY 6' HT.
IV	4	ILEX VERTICILLATA 'NANA' RED SPRITE	RED SPRITE WINTERBERRY 4' HT.
LB	19	LINDERA BENZOIN	SPICE BUSH 3' HT.

** SEE SHEET L-4B FOR MASTER PLANTING SCHEDULE

LEGEND

- LIMIT OF WORK
- +— STATIONING
- EX. TREE, TYP.
- ⊗ EVERGREEN TREE
- ⊗ EVERGREEN TREE
- ⊗ DECIDUOUS SHRUB (SMALL TREE)
- ⊗ DECIDUOUS TALL SHRUB
- ⊗ DECIDUOUS TALL SHRUB
- ⊗ DECIDUOUS SHRUB
- ⊗ SEED MIX, TYP.

① LD-7
② LD-7
③ LD-7
③ LD-7
③ LD-7
② LD-7
② LD-7
② LD-7
① LD-7



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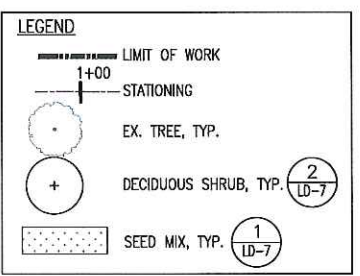
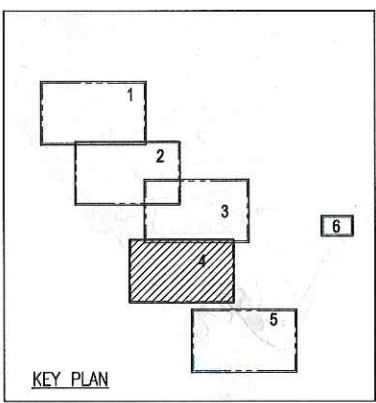
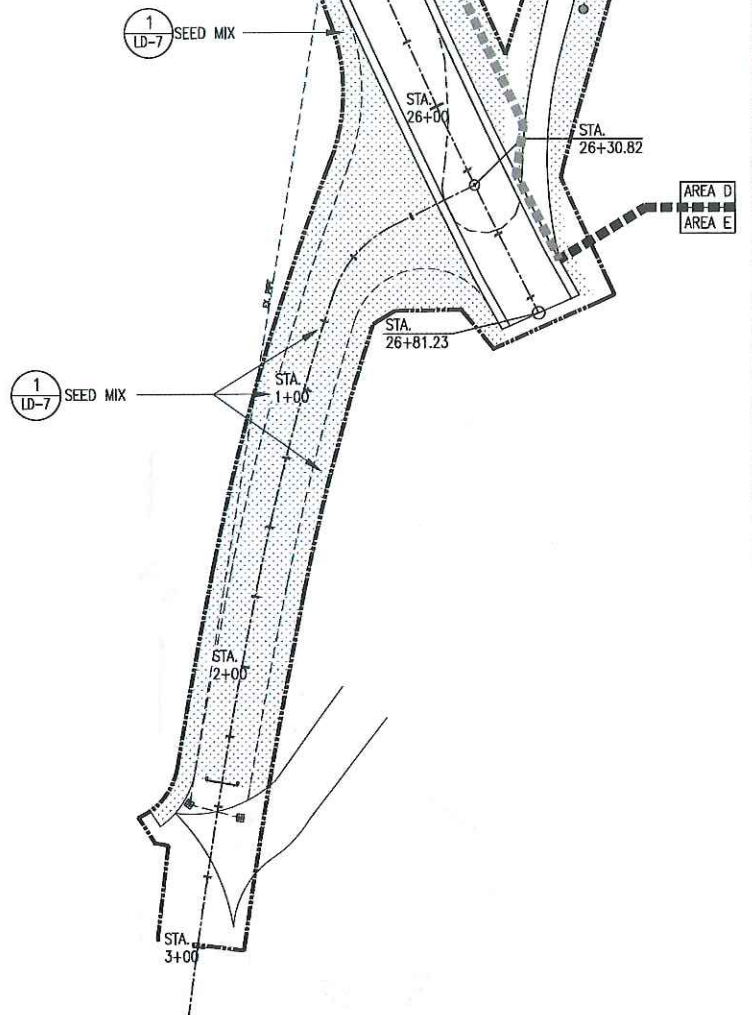
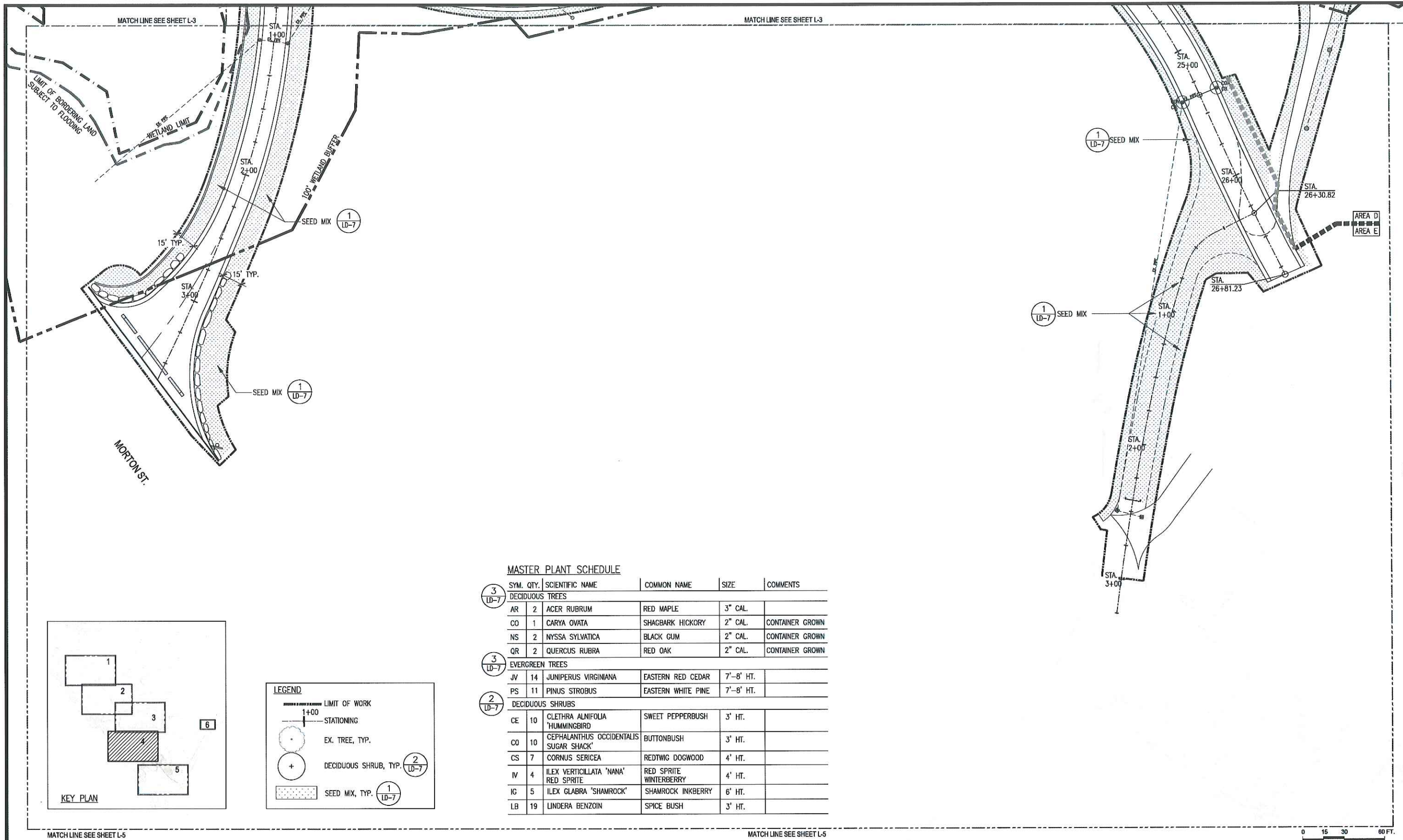
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Project Name:
Phase 5B: Franklin Park Pathways: Lower Circuit Drive and Scarborough Pond Area

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Planting Plan

Section:
L-3B

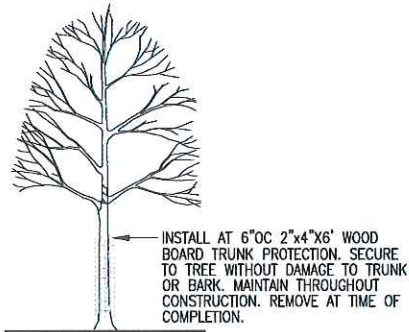


MASTER PLANT SCHEDULE

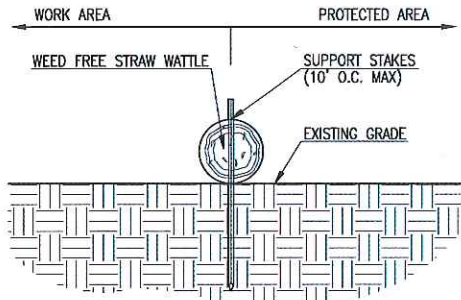
SYM.	QTY.	SCIENTIFIC NAME	COMMON NAME	SIZE	COMMENTS
DECIDUOUS TREES					
AR	2	ACER RUBRUM	RED MAPLE	3" CAL.	
CO	1	CARYA OVATA	SHAGBARK HICKORY	2" CAL.	CONTAINER GROWN
NS	2	NYSSA SYLVATICA	BLACK GUM	2" CAL.	CONTAINER GROWN
QR	2	QUERCUS RUBRA	RED OAK	2" CAL.	CONTAINER GROWN
EVERGREEN TREES					
JV	14	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	7'-8' HT.	
PS	11	PINUS STROBUS	EASTERN WHITE PINE	7'-8' HT.	
DECIDUOUS SHRUBS					
CE	10	CLETHRA ALNIFOLIA 'HUMMINGBIRD'	SWEET PEPPERBUSH	3' HT.	
CO	10	CEPHALANTHUS OCCIDENTALIS 'SUGAR SHACK'	BUTTONBUSH	3' HT.	
CS	7	CORNUS SERICEA	REDTWIG DOGWOOD	4' HT.	
IV	4	ILEX VERTICILLATA 'NANA' / RED SPRITE	RED SPRITE / WINTERBERRY	4' HT.	
IG	5	ILEX GLABRA 'SHAMROCK'	SHAMROCK INKBERRY	6' HT.	
LB	19	LINDERA BENZOIN	SPICE BUSH	3' HT.	



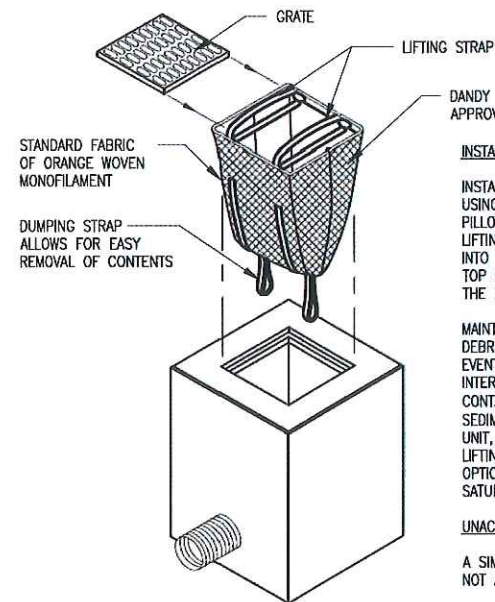
	Prepared By: kzla <small>Kyle Zick Landscape Architecture, Inc. 35 Bromfield Street Suite 202 Boston, MA 02108 617 451-1010 Tel www.kyzick.com</small>		No. Date Revision <hr/>	Project Name: Phase 5B: Franklin Park Pathways: Lower Circuit Drive and Scarborough Pond Area	BPRD Project No. PROJECT NO. Date: 2/05/2018 Scale: 1"=30'-0" Drawn: YL Checked: KZ	Sheet Name: Planting Plan	Section: L-4B
	Consultant Project No. PROJECT NO.		Approved By: _____ Date: _____				



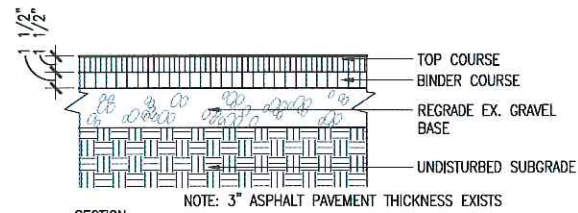
1 TREE/SITE PROTECTION FENCING
SCALE: N.T.S.



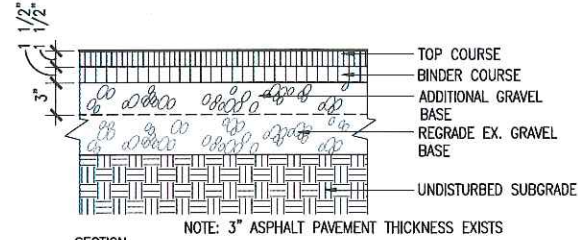
2 EROSION CONTROL - STRAW WATTLE
SCALE: 3/4"=1'-0"



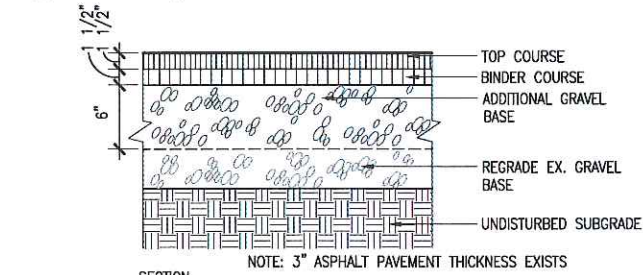
3 SILT SACK
SCALE: N.T.S.



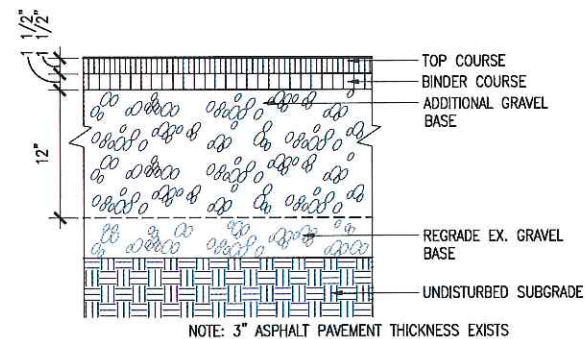
4 BIT. CONC. PAVEMENT - TYPE 1
SCALE: 1 1/2"=1'-0"



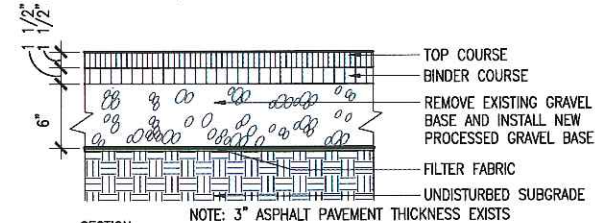
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SCALE: 1 1/2"=1'-0"



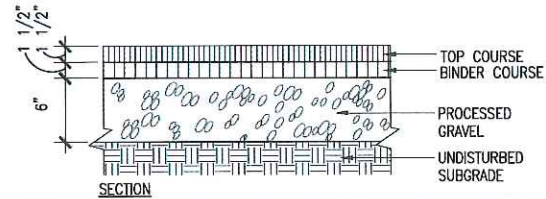
6 BIT. CONC. PAVEMENT - TYPE 3
SCALE: 1 1/2"=1'-0"



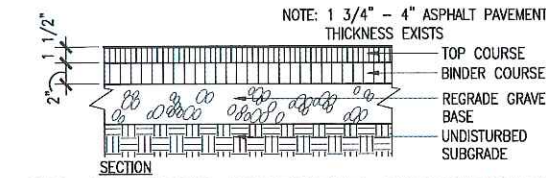
7 BIT. CONC. PAVEMENT - TYPE 4
SCALE: 1 1/2"=1'-0"



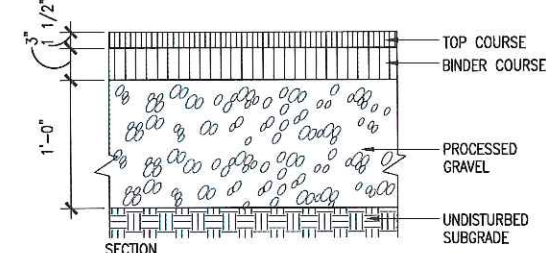
8 BIT. CONC. PAVEMENT - TYPE 5
SCALE: 1 1/2"=1'-0"



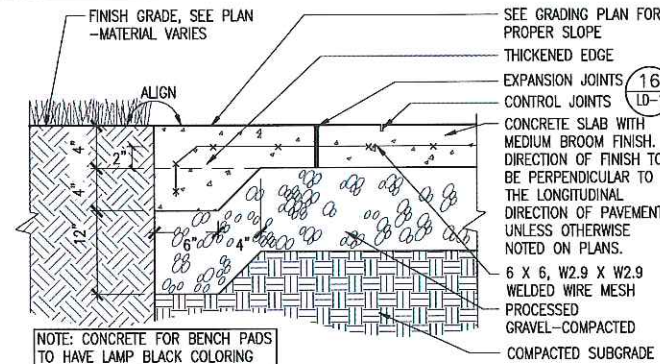
9 BIT. CONC. PAVEMENT - PEDESTRIAN PATH
SCALE: 1 1/2"=1'-0"



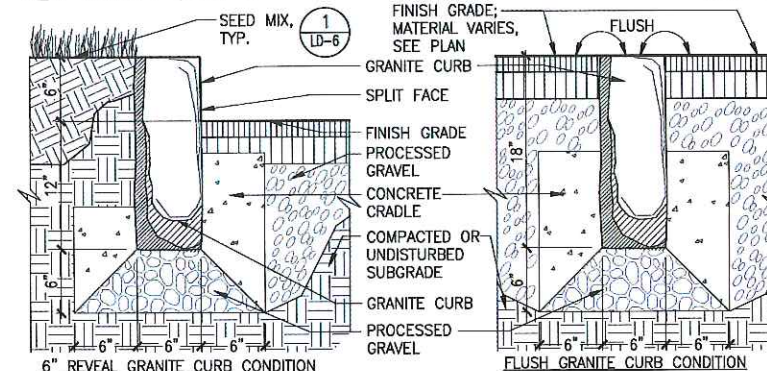
10 BIT. CONC. PAVEMENT - CIRCUIT PATH
SCALE: 1 1/2"=1'-0"



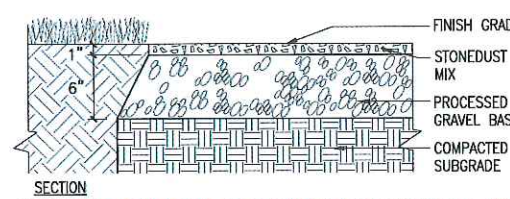
11 BIT. CONC. PAVEMENT - PARKING/ROAD
SCALE: 1 1/2"=1'-0"



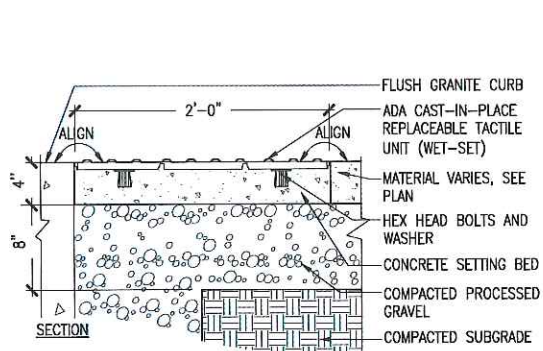
12 CONCRETE PAVEMENT
SCALE: 1 1/2"=1'-0"



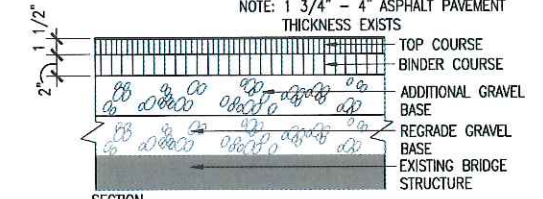
13 6" GRANITE CURB
SCALE: 1-1/2"=1'-0"



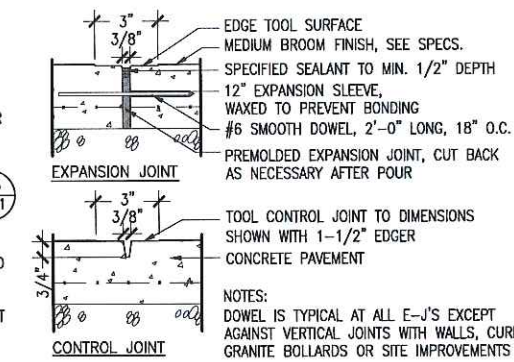
14 STABILIZED STONEDUST PAVEMENT
SCALE: 1-1/2"=1'-0"



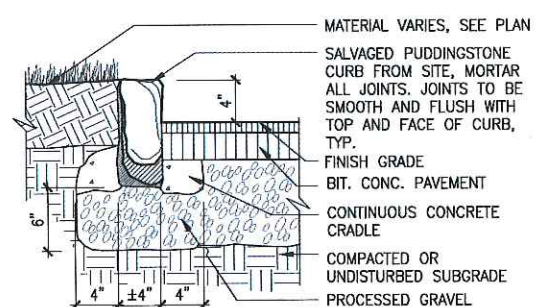
15 DETECTABLE WARNING PAVER
SCALE: 1-1/2"=1'-0"



18 BIT. CONC. PAVEMENT - CIRCUIT PATH AT BRIDGE
SCALE: 1 1/2"=1'-0"



16 CONCRETE PAVEMENT JOINTS
SCALE: N.T.S.



17 PUDDINGSTONE CURB
SCALE: 1-1/2"=1'-0"



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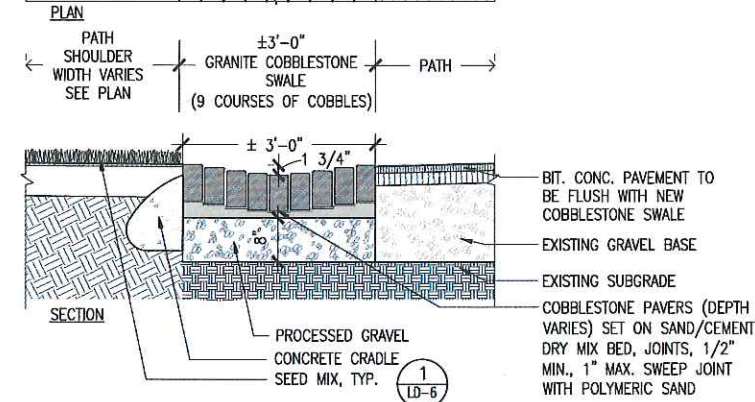
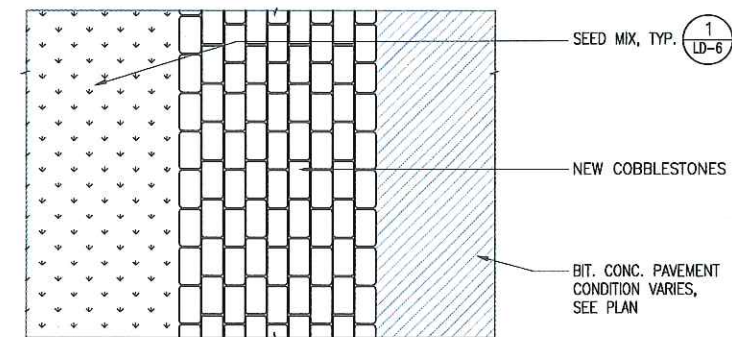
Approved By: _____ Date: _____

Project Name:
Phase 5B: Franklin Park Pathways: Lower Circuit Drive and Scarborough Pond Area

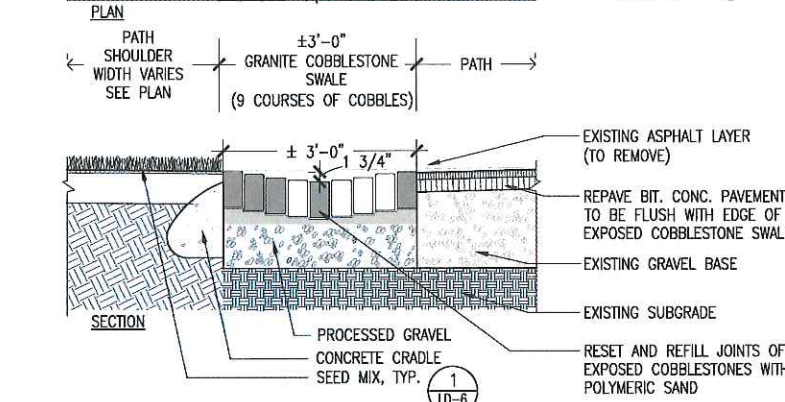
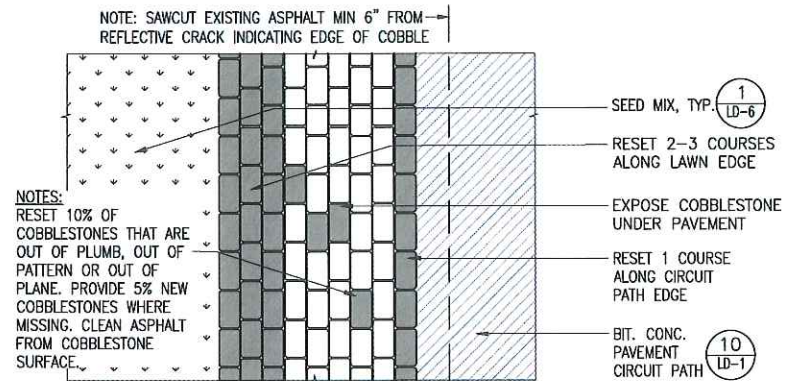
Project No.	PROJECT NO.
Date:	2/05/2018
Scale:	AS SHOWN
Drawn:	YL
Checked:	KZ

Sheet Name:
Details

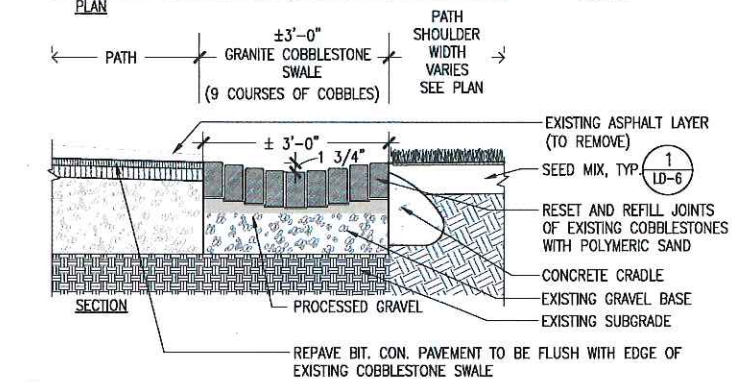
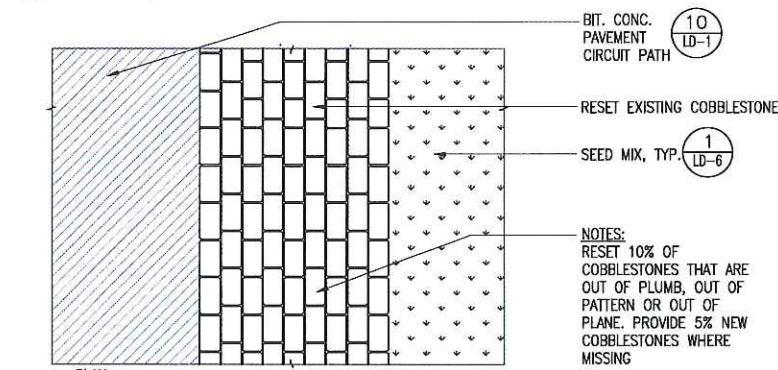
Section:
LD-1



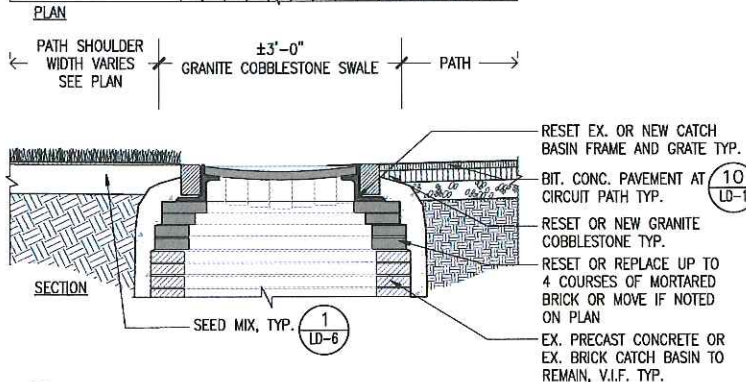
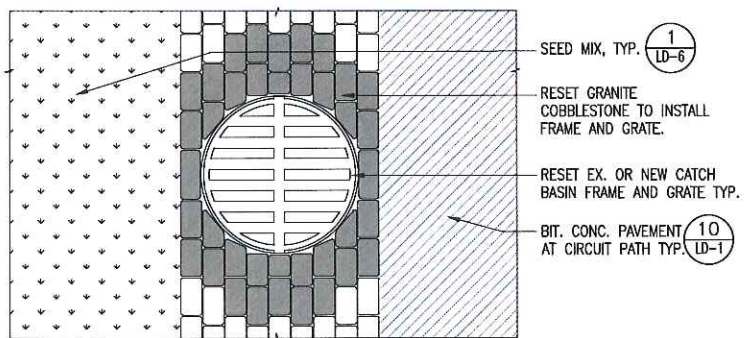
1 GRANITE COBBLESTONE SWALE - NEW
SCALE: 3/4"=1'-0"



3 GRANITE COBBLESTONE SWALE - REMOVE PAVEMENT
SCALE: 3/4"=1'-0"



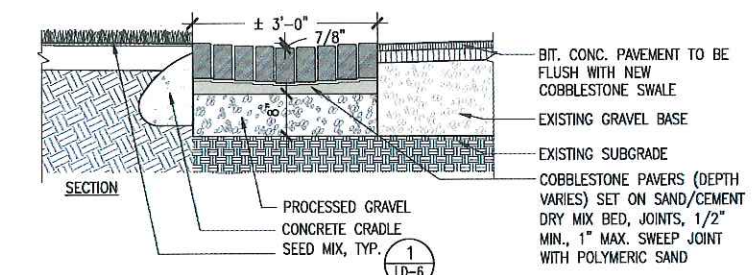
2 GRANITE COBBLESTONE SWALE - RESET
SCALE: 3/4"=1'-0"



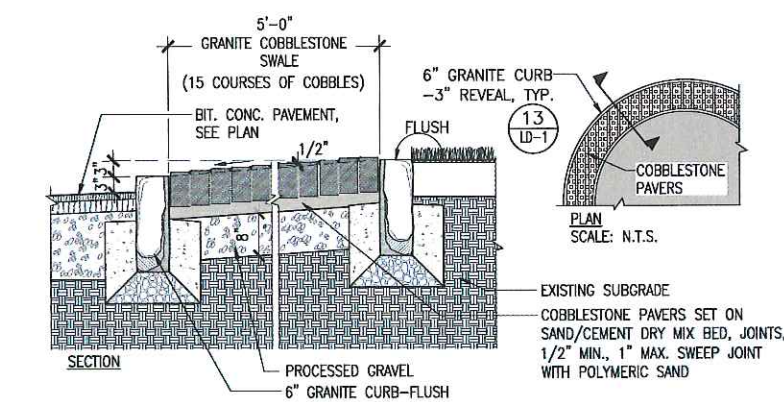
4 CATCH BASIN FRAME AND GRATE
SCALE: 3/4"=1'-0"

COBBLESTONE SWALE NOTES:

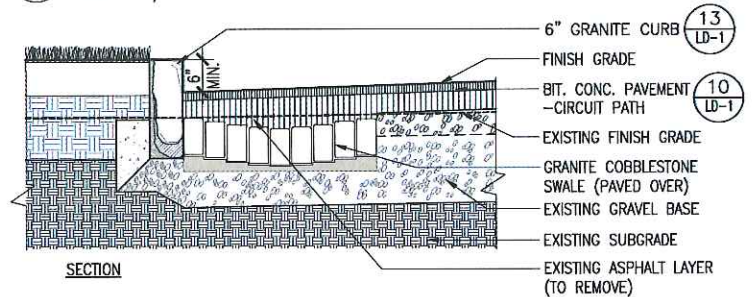
1. A HISTORIC COBBLESTONE PAVEMENT SWALE EXISTS ALONG BOTH EDGES OF CIRCUIT PATH THROUGH THE PROJECT AREA. THE COBBLESTONE IS EXPOSED IN SOME LOCATIONS AND IS OVERLAD WITH ASPHALT PAVEMENT IN OTHER LOCATIONS. THE CONDITION OF THE COBBLESTONE SWALE IS VARIABLE WITH SOME AREAS INTACT AS ORIGINALLY INSTALLED, OTHER AREAS WHERE COURSES ARE MISSING, AREAS WHERE THE COBBLESTONES ARE DISLODGED AND OUT OF ALIGNMENT, AND AREAS WHERE NO COBBLESTONE EXISTS.
2. THE PLANS AND DETAILS INDICATE HOW THE COBBLESTONE SWALE SHOULD BE REPAIRED SO A CONTINUOUS COBBLESTONE SWALE IS THE FINAL PRODUCT.
3. WHERE THE COBBLESTONE SWALE IS EXPOSED AND NOT OVERLAD WITH ASPHALT SOIL/SEDIMENT, GRASS AND OTHER VEGETATION SHOULD BE REMOVED FROM THE COBBLESTONE.
4. WHERE THE COBBLESTONE SWALE IS OVERLAD WITH ASPHALT, THE CONTRACTOR SHALL SAWCUT THE ASPHALT A MINIMUM OF 6 INCHES FROM THE REFLECTIVE CRACK INDICATING THE EDGE OF COBBLESTONE UNDER THE PAVEMENT. THE ASPHALT OVERLAD OVER THE COBBLESTONE SWALE CANNOT BE REMOVED BY COLD PLANING OR RECLAMATION BECAUSE THE EQUIPMENT USED IN THOSE PROCESSES WILL DAMAGE THE COBBLESTONE.
5. WHERE THE PLANS INDICATE GRANITE COBBLESTONE-NEW, THE CONTRACTOR IS TO PREPARE A STONE SUBBASE, PROVIDE NEW COBBLESTONES MATCHING THE COLOR, SIZE AND COURSES OF THE EXISTING AND INSTALL THE COBBLESTONE TO THE PROPOSED PROFILE. REFER TO THE DETAILS FOR MORE INFORMATION ON THE JOINTING, JOINT FILLING, AND CRADLES.
6. WHERE THE PLANS INDICATE GRANITE COBBLESTONE-RESET, THE CONTRACTOR IS TO REMOVE AND RESET THE EXISTING COBBLESTONE SWALE. MISSING COBBLESTONES SHALL BE PROVIDED BY THE CONTRACTOR OR SOURCED FROM EXISTING GRANITE COBBLESTONE STOCKPILE, AS APPROPRIATE.
7. WHERE THE PLANS INDICATE GRANITE COBBLESTONE-REMOVE PAVEMENT, THE CONTRACTOR IS TO REMOVE THE OVERLAD ASPHALT AS NOTED ABOVE. MAINTAIN THE EXISTING COBBLESTONE SWALE, BUT RESET PORTIONS OF IT AS NOTED ON THE DETAIL. MISSING COBBLESTONES SHALL BE PROVIDED BY THE CONTRACTOR.
8. AT CATCH BASINS, THE COBBLESTONE SHALL BE CONTINUOUS UP TO THE FRAME AND GRATE. NO CONCRETE APRON AROUND THE CATCH BASIN IS ACCEPTABLE.
9. IN ALL CONDITIONS, THE FINAL PRODUCT IS A CONTINUOUS COBBLESTONE SWALE FREE OF ASPHALT, TAR/OIL, SEDIMENT, SOIL, GRASS, VEGETATION. THE SWALE SHALL HAVE CONTINUOUS AND CONSISTENT PAVEMENT COURSING WITH JOINTS FILLED WITH STONEDUST. THE SWALE SHALL HAVE POSITIVE DRAINAGE LONGITUDINALLY AND SHALL HAVE A CONSISTENT PROFILE TO KEEP WATER IN THE SWALE. A CONCRETE CRADLE IS TO BE INSTALLED ON BOTH EDGES OF THE COBBLESTONE SWALE. ASPHALT PAVEMENT ON THE CIRCUIT PATH EDGE SHALL BE FLUSH WITH THE TOP OF COBBLESTONE.



5 GRANITE COBBLESTONE SWALE AT INTERSECTING PATH
SCALE: 3/4"=1'-0"



6 GRANITE COBBLESTONE PAVEMENT AT TURNAROUND
SCALE: 3/4"=1'-0"



7 BIT. CONC. PAVEMENT OVER GRANITE COBBLESTONE SWALE
SCALE: 3/4"=1'-0"



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No.	Date	Revision

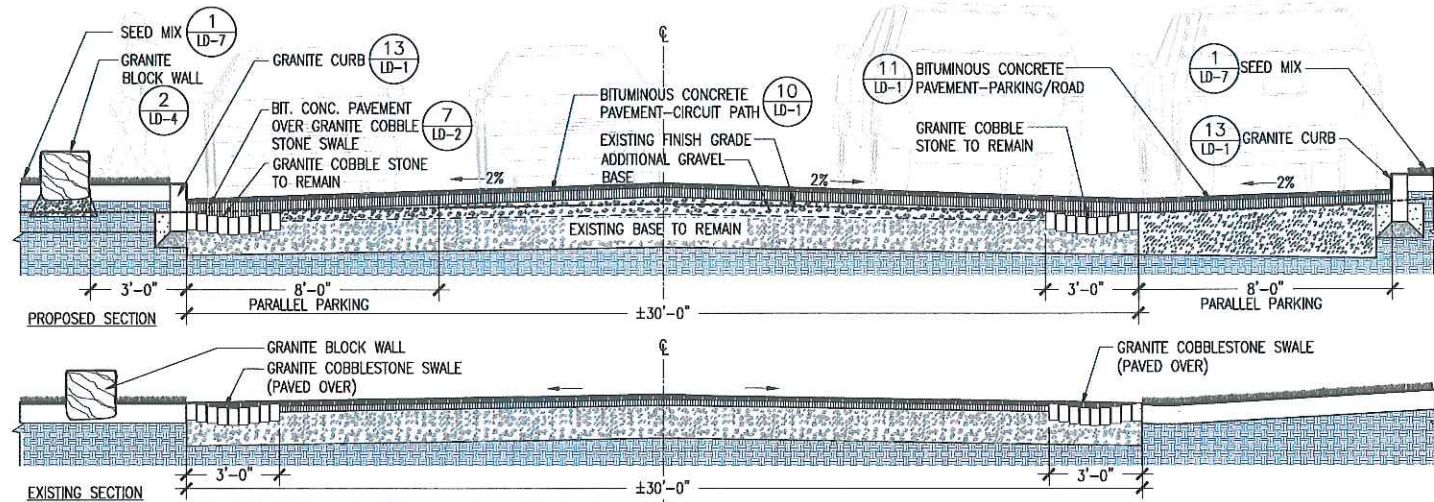
Approved By: _____ Date: _____

Project Name:
Phase 5B: Franklin Park Pathways: Lower Circuit Drive and Scarborough Pond Area

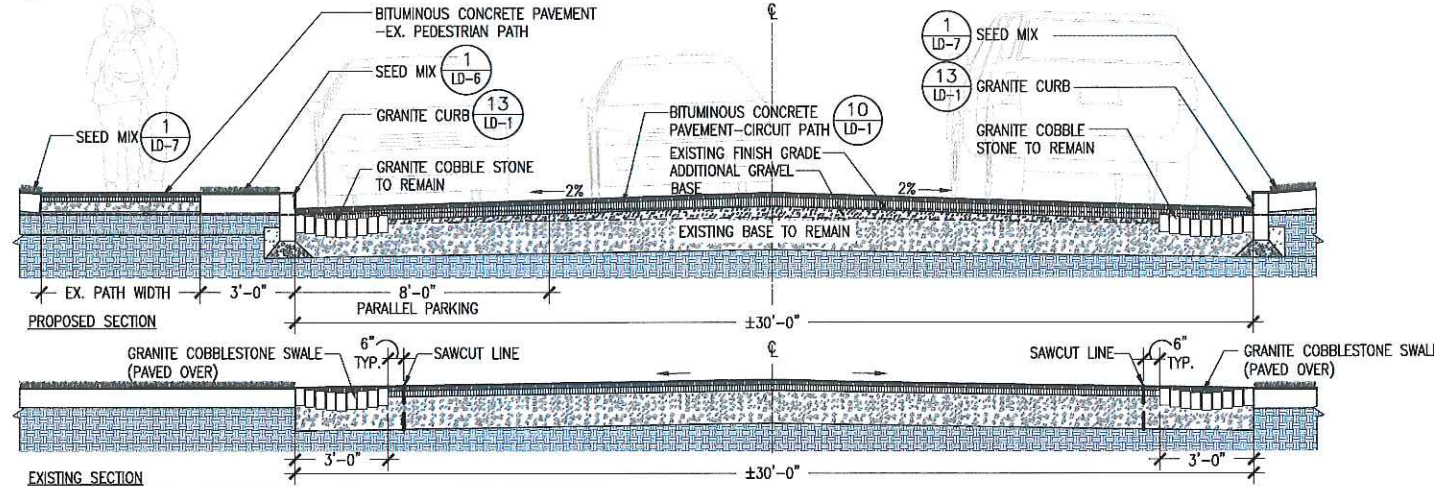
BPRD Project No.	PROJECT NO.
Date:	2/05/2018
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Checked:	KZ

Sheet Name:
Details

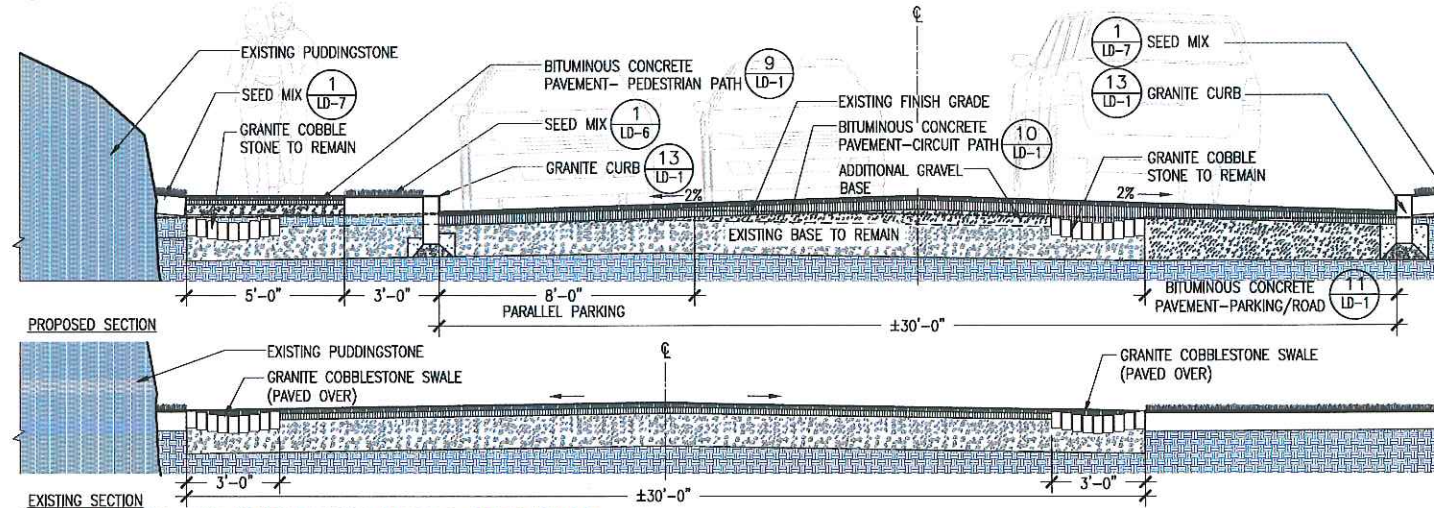
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LD-2



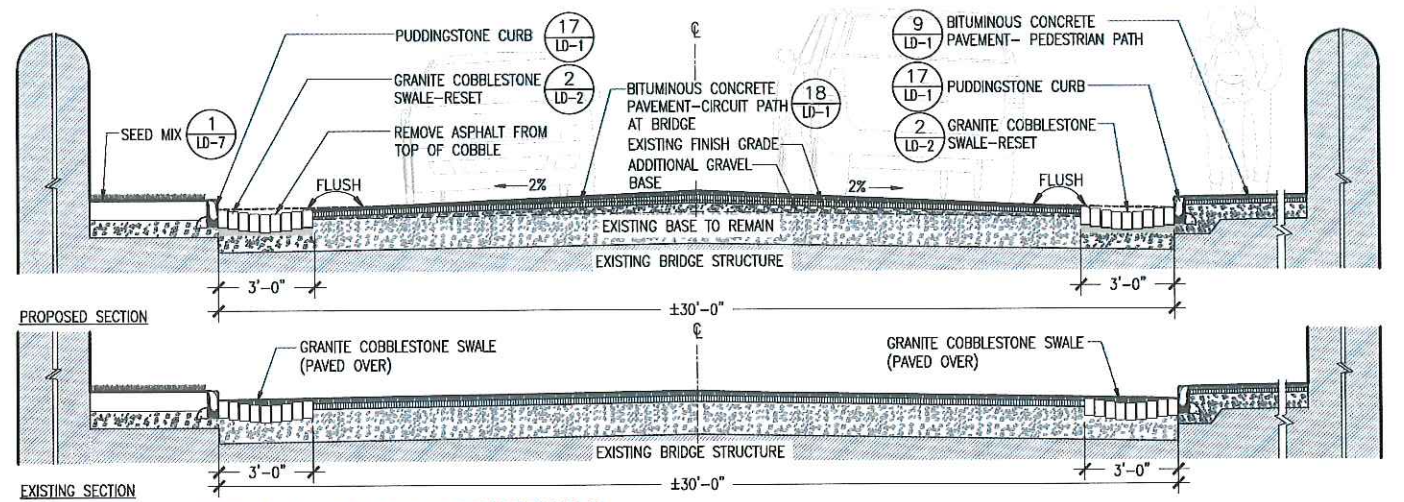
1 TYPICAL CIRCUIT DRIVE CROSS SECTION-A
SCALE: 3/8"=1'-0"



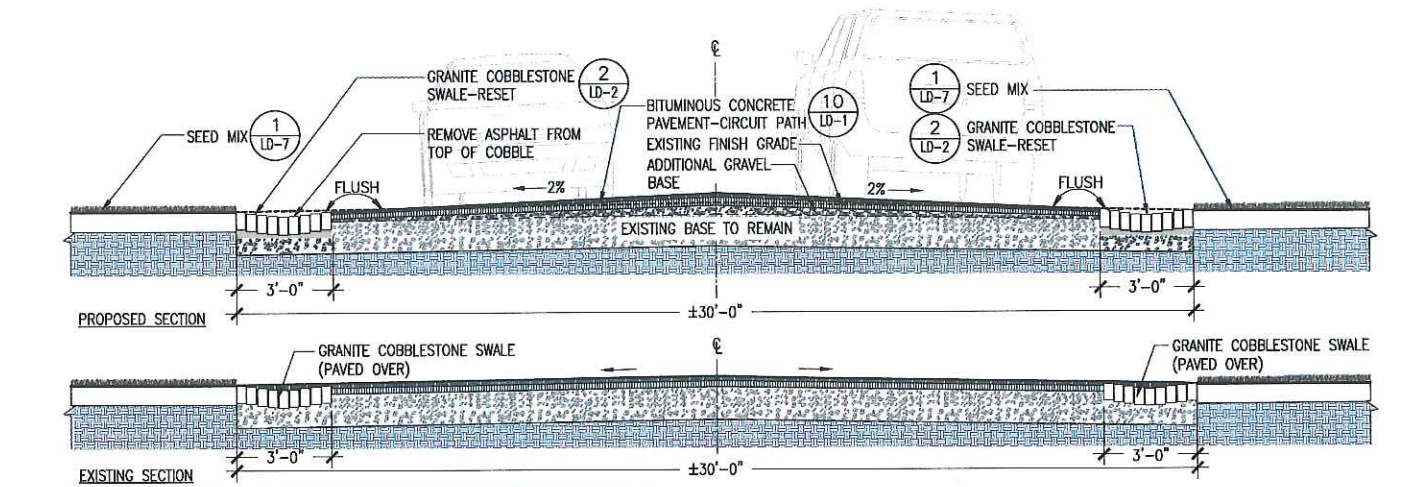
2 TYPICAL CIRCUIT DRIVE CROSS SECTION-B
SCALE: 3/8"=1'-0"



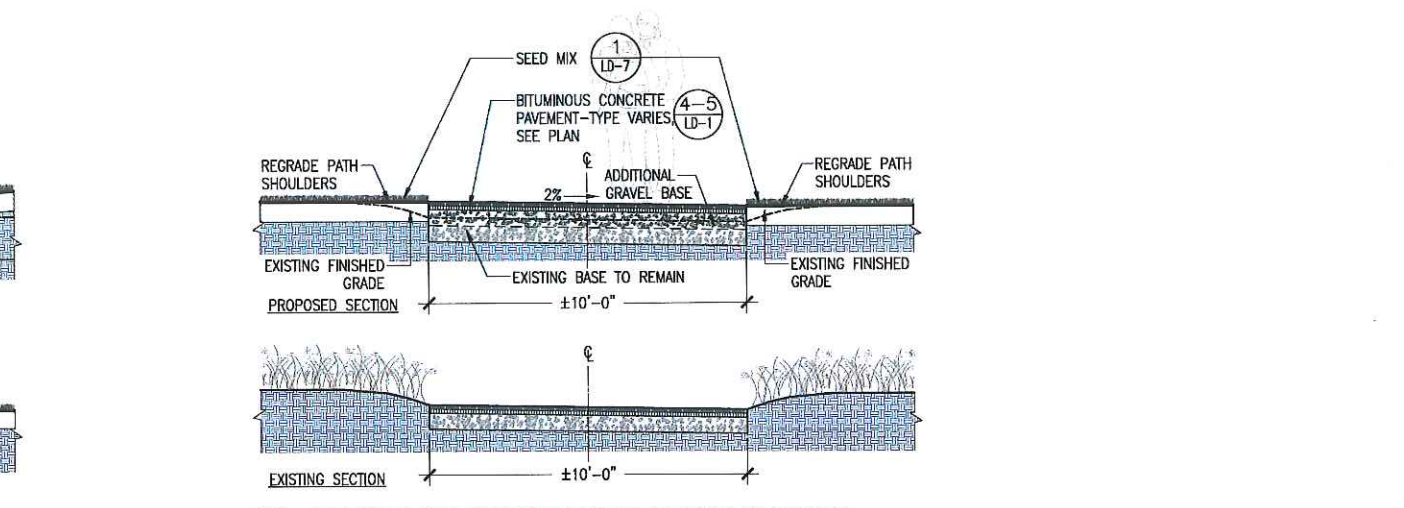
3 TYPICAL CIRCUIT DRIVE CROSS SECTION-C
SCALE: 3/8"=1'-0"



4 TYPICAL CIRCUIT DRIVE CROSS SECTION-D
SCALE: 3/8"=1'-0"



5 TYPICAL CIRCUIT DRIVE CROSS SECTION-E
SCALE: 3/8"=1'-0"



6 TYPICAL SCARBORO POND CROSS SECTION
SCALE: 3/8"=1'-0"



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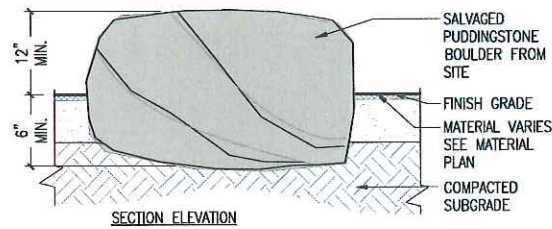
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Project Name:
Phase 5B: Franklin Park Pathways: Lower Circuit Drive and Scarborough Pond Area

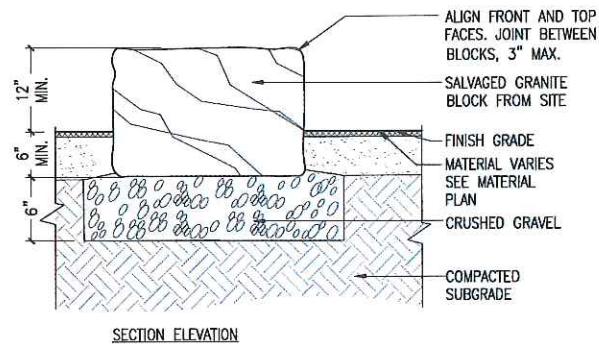
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Date:	2/05/2018
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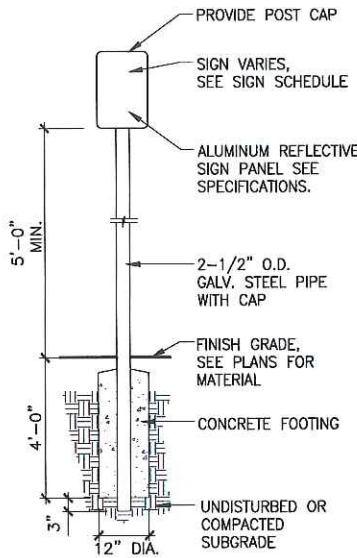
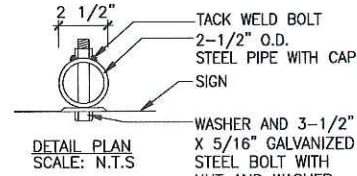
Section:
LD-3



1 RESET PUDDINGSTONE BOULDER
SCALE: 1-1/2"=1'-0"



2 RESET GRANITE BLOCK
SCALE: 1-1/2"=1'-0"

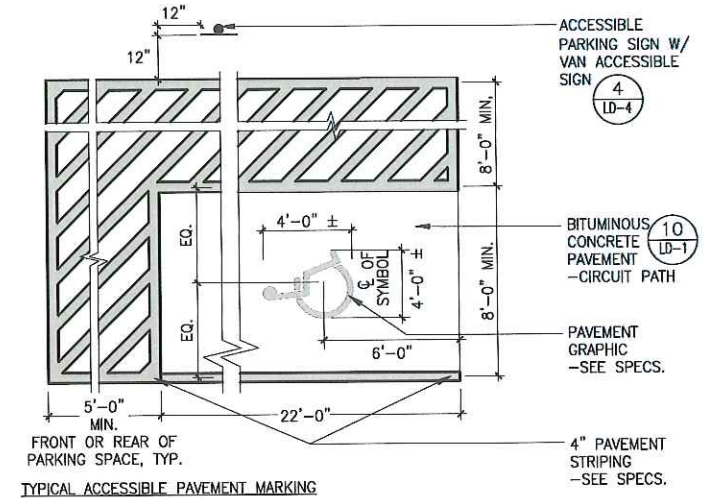


4 PARKING SIGN
SCALE: N.T.S.

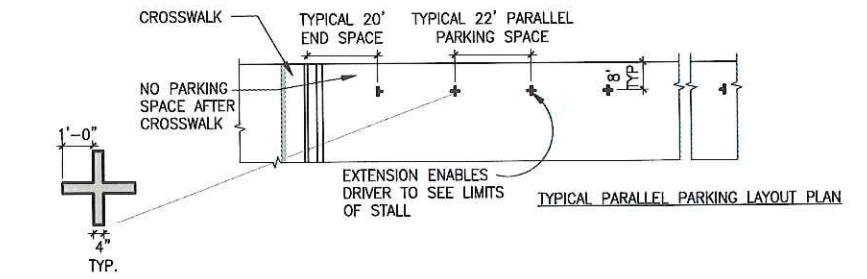
SIGNAGE SCHEDULE

MESSAGE	CODE	SIGN
ACCESSIBLE PARKING SIGN	R7-8	
VAN ACCESSIBLE PARKING SIGN	R7-8A	
STOP SIGN	R1-1	
NO PARKING SIGN (LEFT)	R7-1(L)	
NO PARKING SIGN (RIGHT)	R7-1(R)	
SPEED LIMIT SIGN	R2-1-15	
WEIGHT LIMIT SIGN	R12-5	
AHEAD (PLAQUE)	W16-9P	
TOW AWAY ZONE SIGN	K2-0435	

MESSAGE	CODE	SIGN
DO NOT ENTER SIGN	R5-1	
PEDESTRIAN CROSSWALK SIGN	K-5221	
FRANKLIN PARK RULE SIGN		
PARKING PROHIBITED FOR ANY HOSPITAL RELATED BUSINESS SIGN		
NO STUDENT DRIVING SIGN		
PARK CLOSED DUSK TO DAWN NO TRESPASSING SIGN		
WARNING NO UNAUTHORIZED ENTRY BEYOND THIS POINT SIGN		

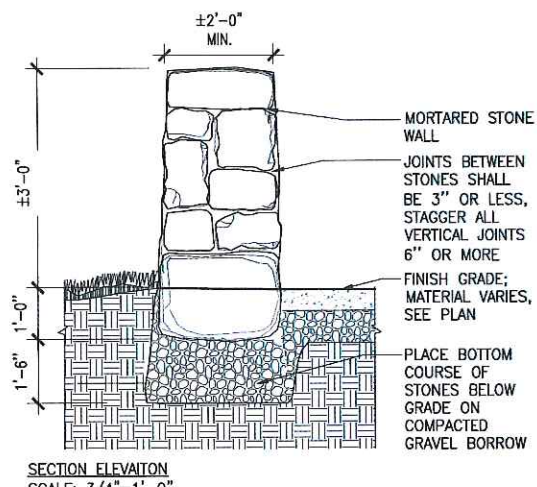
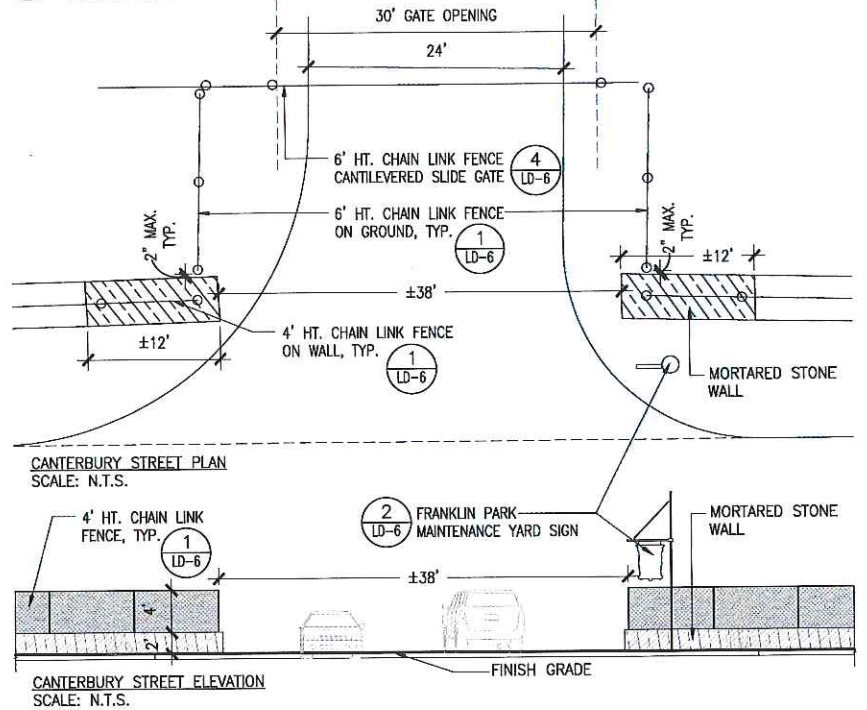


TYPICAL ACCESSIBLE PAVEMENT MARKING

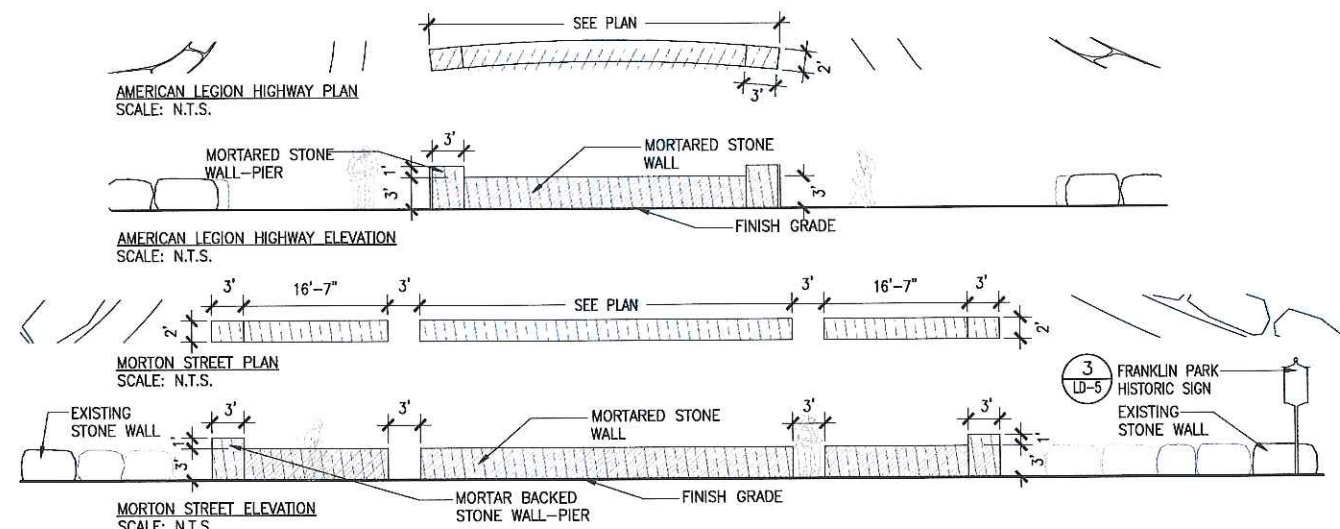


TYPICAL PARALLEL PARKING MARKING

5 PARKING STRIPING
SCALE: N.T.S.



3 MORTARED STONE WALL
SCALE: AS SHOWN



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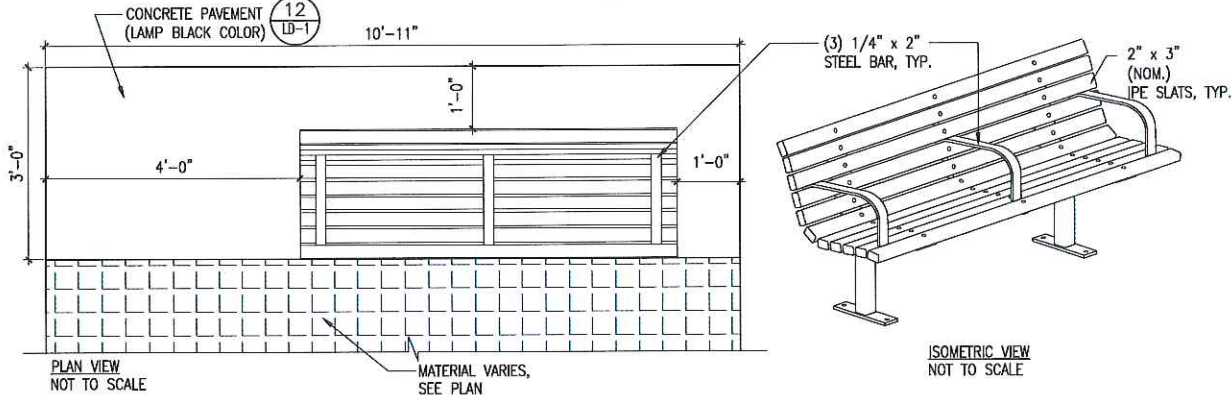
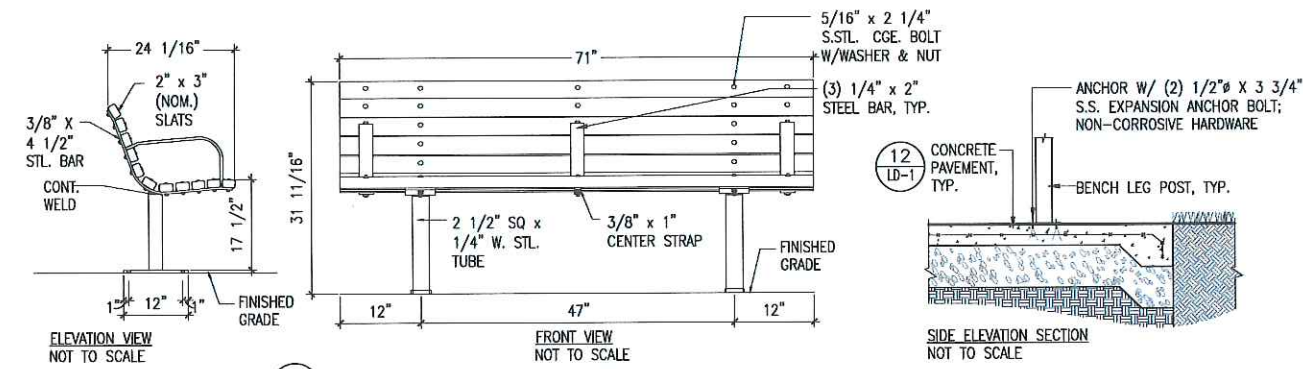
Approved By: _____ Date: _____

Project Name:
Phase 5B: Franklin Park Pathways: Lower Circuit Drive and Scarboro Pond Area

BPRD Project No. _____
PROJECT NO. _____
Date: 2/05/2018
Scale: AS SHOWN
Drawn: YL
Checked: KZ

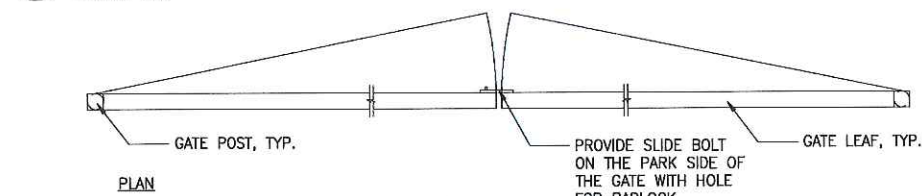
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Section:
LD-4

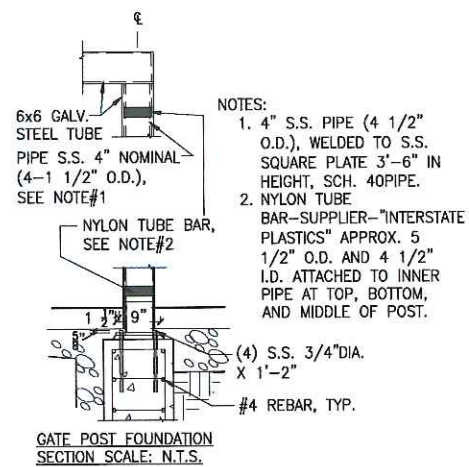
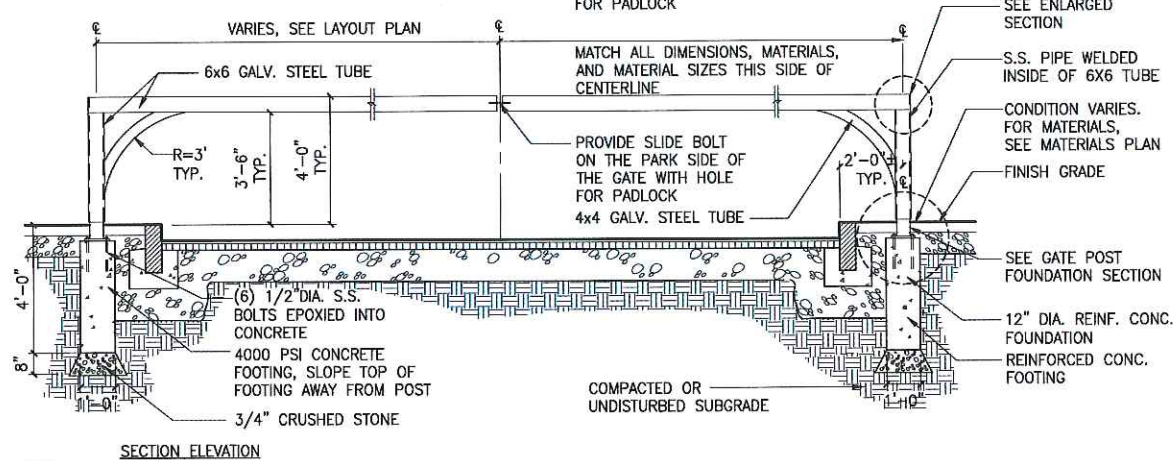


- NOTE:**
- BENCH TO BE MODEL 34 WITH 3 ARMRESTS BY DUMOR INC OF MIFFLINTOWN, PA OR APPROVED EQUAL.
 - SHOP DRAWINGS REQUIRED.
 - ALL STEEL MEMBERS COATED WITH ZINC RICH EPOXY THEN FINISHED WITH POLYESTER POWDER COATING. COLOR TO BE BLACK.
 - ALL WOOD MEMBERS TREATED WITH CLEAR PRESERVATIVE.
 - BENCHES TO BE SURFACE MOUNTED.
 - CONCRETE PAVEMENT TO HAVE LAMP BLACK COLOR ADDITIVE.

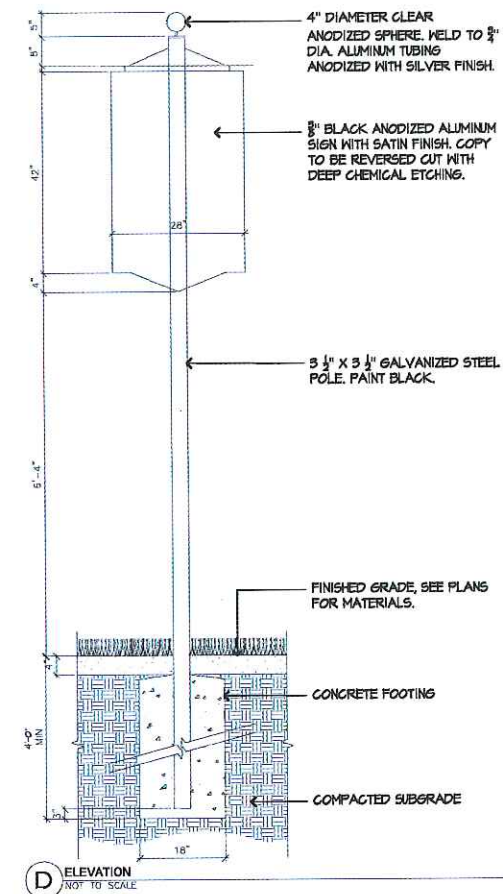
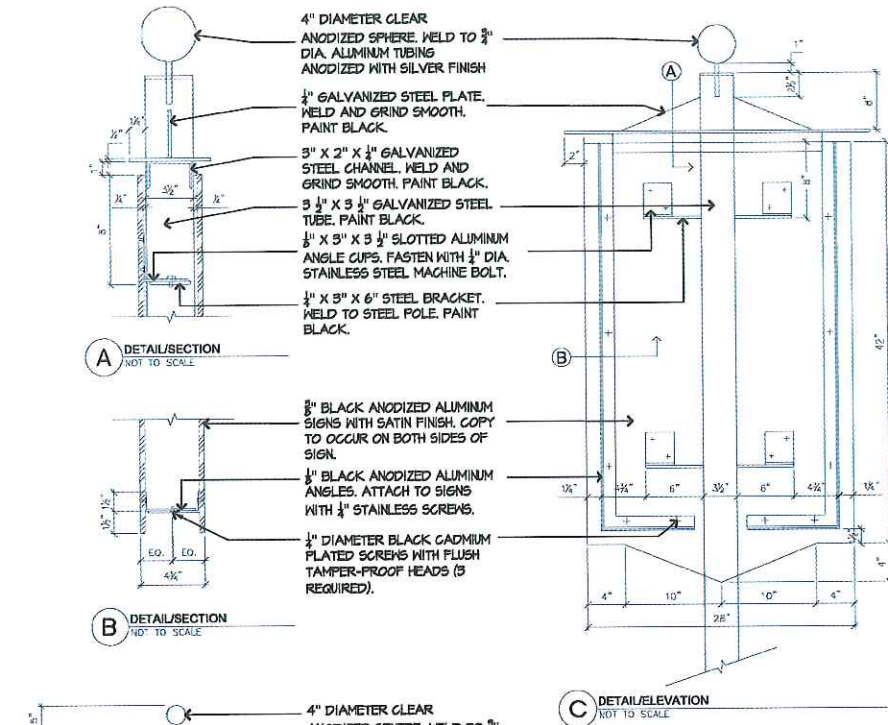
1 BENCH
SCALE: NTS



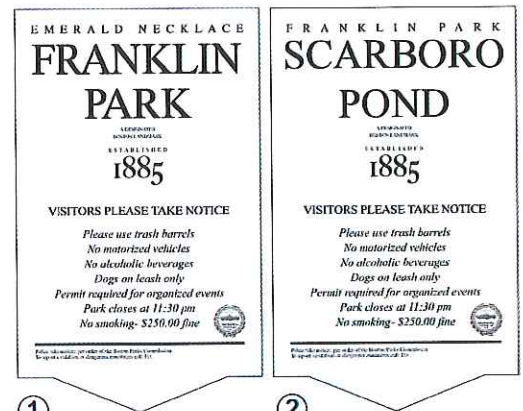
- NOTES:**
- PROVIDE GATE STOPS WITHIN GATE SUPPORT POST AT OPENED AND CLOSED POSITIONS.
 - CONTRACTOR SHALL SUBMIT STAMPED STRUCTURAL DRAWINGS FOR ALL CONCRETE FOOTINGS AND GATE.



2 GATE
SCALE: N.T.S.



3 FRANKLIN PARK HISTORIC SIGN
SCALE: NTS



ALL GRAPHICS AND TEXT TO MATCH EXISTING HISTORIC SIGNS AT FRANKLIN PARK.

E TYPICAL GRAPHIC LAYOUT
NOT TO SCALE

GENERAL NOTES:

- PREASSEMBLE SIGN TO ENSURE PROPER FIT.
- DOUBLE SIDED SIGNS ARE REQUIRED. PLANS SHOW APPROXIMATE LOCATION FOR NEW SIGN. EXACT PLACEMENT OF SIGN WILL BE DETERMINED IN THE FIELD BY BPRD AND LANDSCAPE ARCHITECT.



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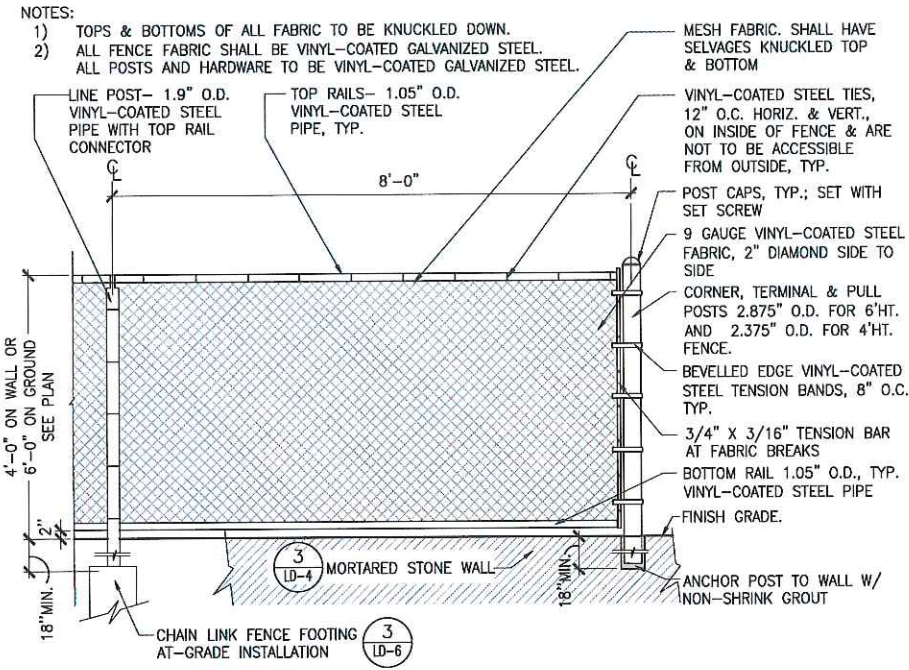
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Project Name:
Phase 5B: Franklin Park Pathways: Lower Circuit Drive and Scarboro Pond Area

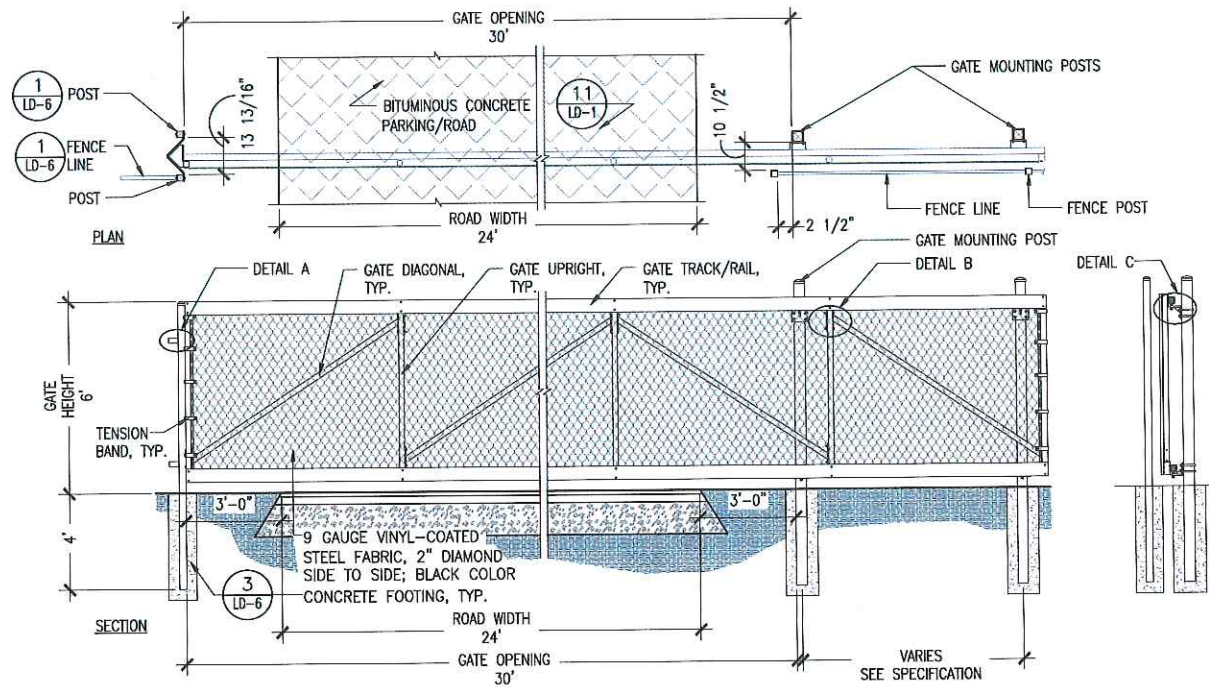
BPRD Project No.	PROJECT NO.
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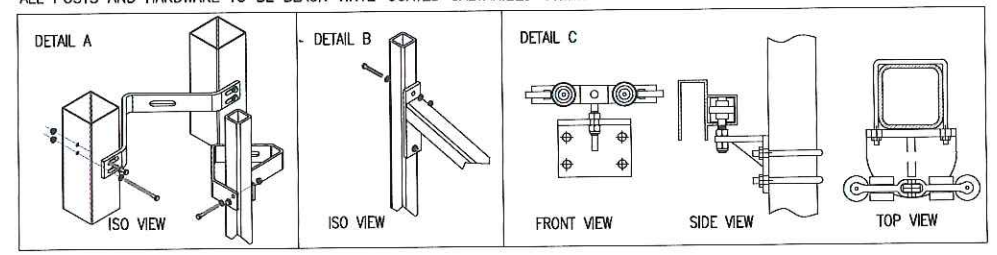
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LD-5



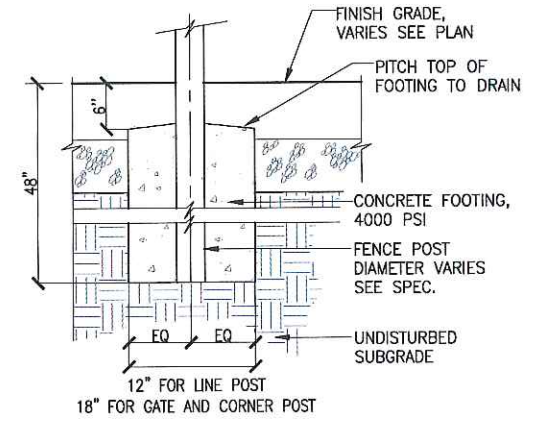
1 CHAIN LINK FENCE
SCALE: N.T.S.



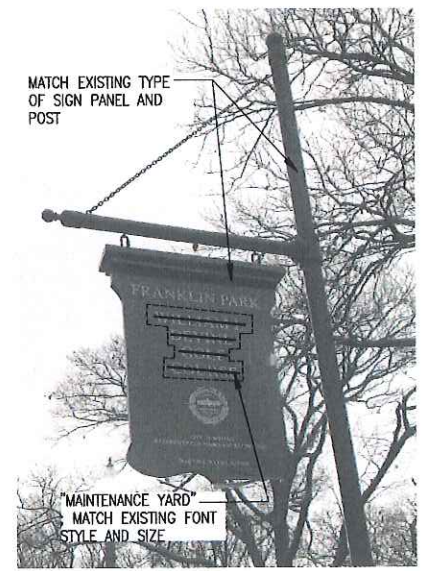
NOTE:
1. VALUES SHOWN ARE NOMINAL AND NOT TO BE USED FOR INSTALLATION PURPOSES. SEE PRODUCT SPECIFICATION FOR INSTALLATION REQUIREMENTS.
2. ALL FENCE FABRIC SHALL BE BLACK VINYL-COATED GALVANIZED STEEL.
3. ALL POSTS AND HARDWARE TO BE BLACK VINYL-COATED GALVANIZED STEEL.



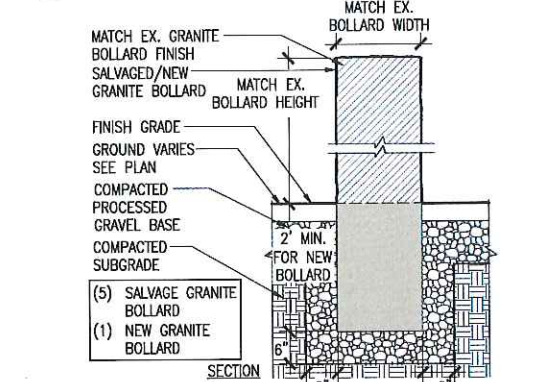
5 6' HT. CHAIN LINK FENCE CANTILEVERED SLIDE GATE
SCALE: N.T.S.



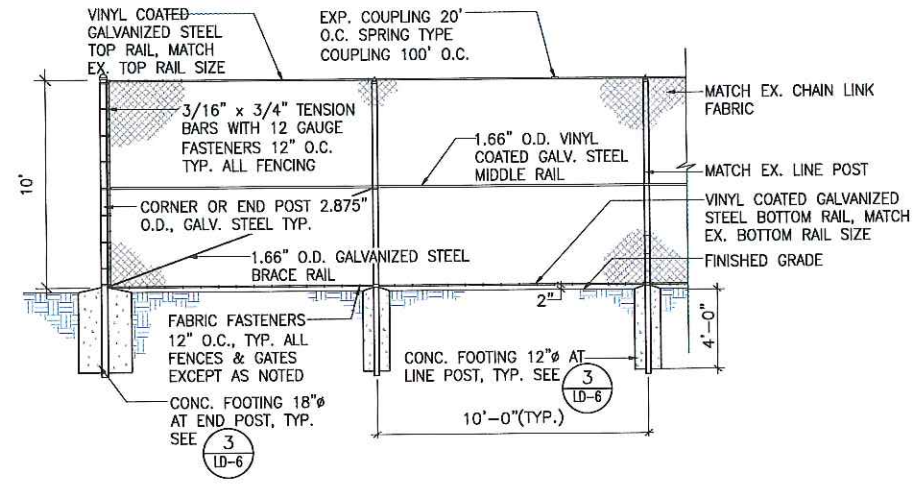
3 CHAIN LINK FENCE FOOTING
SCALE: 1\"/>



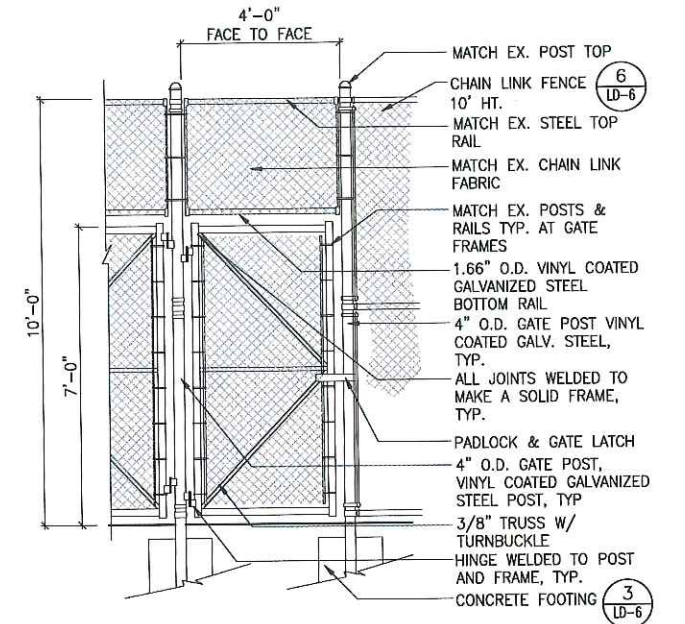
2 FRANKLIN PARK MAINTENANCE YARD SIGN
SCALE: N.T.S.



4 SALVAGED/ NEW GRANITE BOLLARD
SCALE: 3/4\"/>



6 CHAIN LINK FENCE (10' HT.) - TENNIS
SCALE: N.T.S.



7 CHAIN LINK FENCE GATE (10' HT.) - TENNIS
SCALE: N.T.S.



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No.	Date	Revision

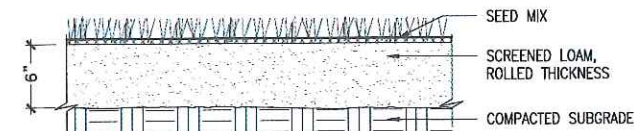
Approved By: _____ Date: _____

Project Name:
Phase 5B: Franklin Park Pathways: Lower Circuit Drive and Scarborough Pond Area

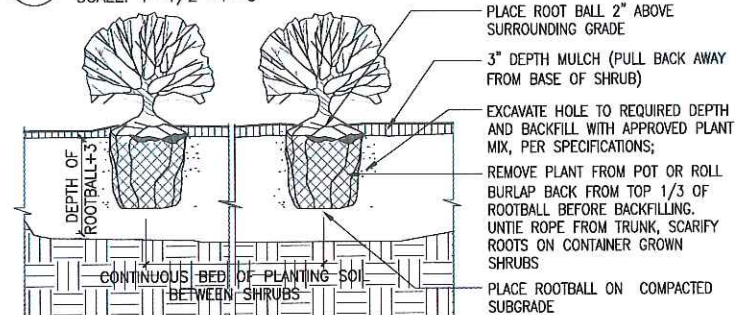
BPRD Project No.	PROJECT NO.
Date	2/05/2018
Scale	AS SHOWN
Drawn	YL
Checked	KZ

Sheet Name:
Details

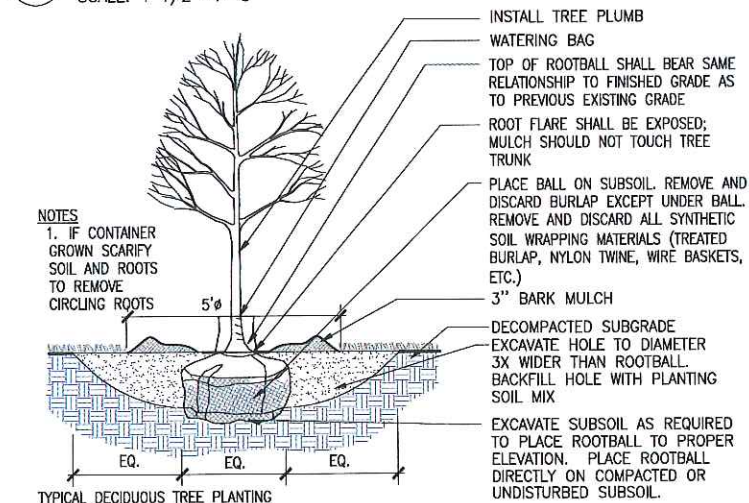
Section:
LD-6



1 SEED MIX
SCALE: 1'-1/2"=1'-0"



2 SHRUB PLANTING
SCALE: 1 1/2"=1'-0"



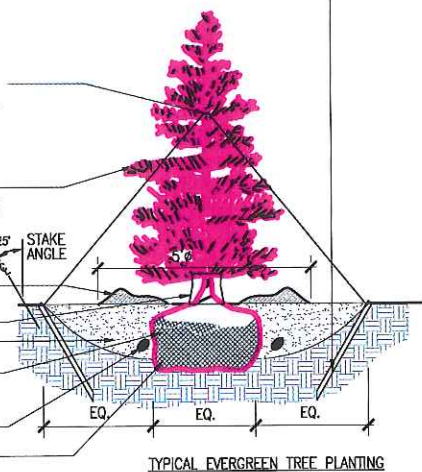
TYPICAL DECIDUOUS TREE PLANTING

(3) 2"x3"x4' FIR POST; ATTACH GALVANIZED MALLEABLE STEEL CABLE TO POST AND SECURE BY TWISTING TAUTLY; SET ANGLE OF POST & GUY TO ENTER GROUND AT THE LIMIT OF THE SPREAD OF THE BOTTOM BRANCHES; STAKES SHALL BE OUTSIDE OF TREE PIT.

INSTALL 3 GUYS PER TREE EQUALLY SPACED AROUND ROOTBALL. ATTACH 13 GAUGE GALV. MALLEABLE STEEL GUY WIRE 2/3 HEIGHT OF TREE IN REINFORCED RUBBER HOSE; WITH CABLE CLAMPS. SECURE BY TWISTING TAUTLY.

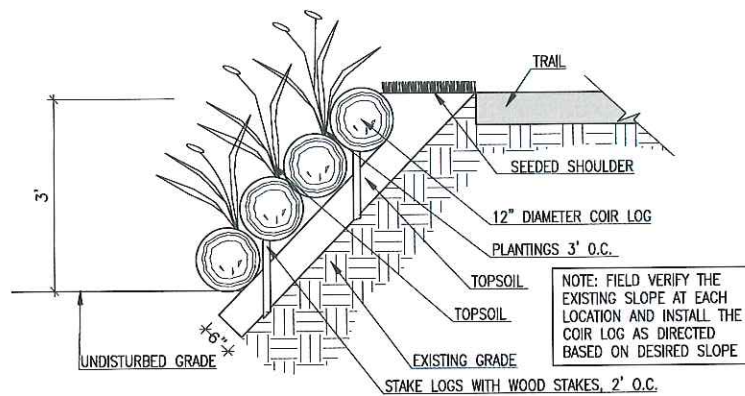
TREE SHALL BE PLANTED WITH TOP OF ROOTBALL BEARING THE SAME RELATIONSHIP TO FINISHED GRADE AS TO PREVIOUS EXISTING GRADE. TREE SHALL BE PLUMB AFTER SETTLEMENT.

3" BARK MULCH (HOLD MULCH OFF ROOT FLARE)
WATERING BAG
PLANTING SOIL MIX
ROLL BURLAP BACK FROM TOP 1/3 OF ROOTBALL BEFORE BACKFILLING. UNTIE ROPE FROM TRUNK.
SLOW RELEASE FERTILIZER
FREE DRAINING, UNDISTURBED OR COMPACTED SUBGRADE

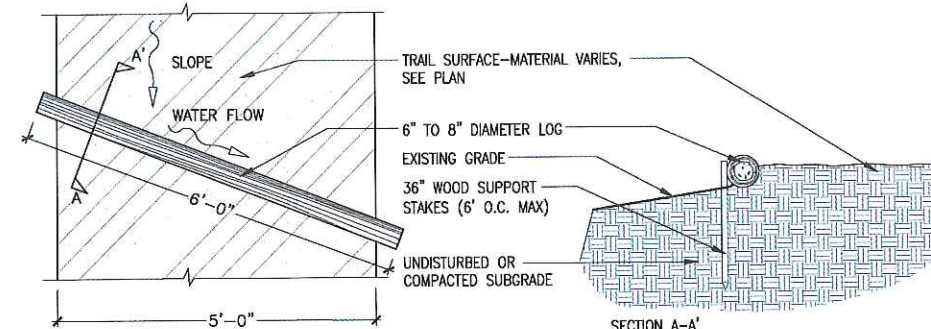


TYPICAL EVERGREEN TREE PLANTING

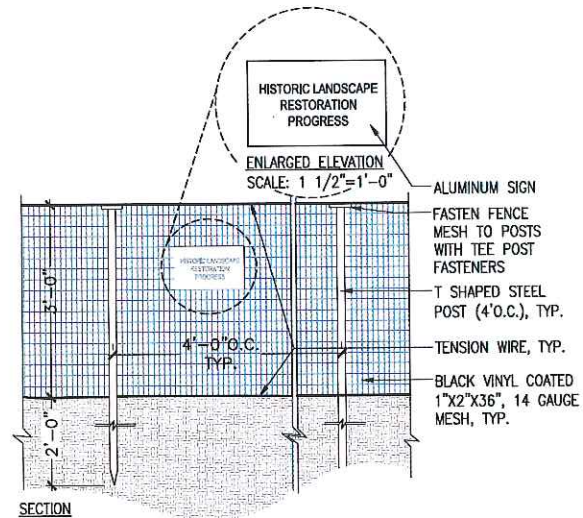
3 TREE PLANTING
SCALE: N.T.S.



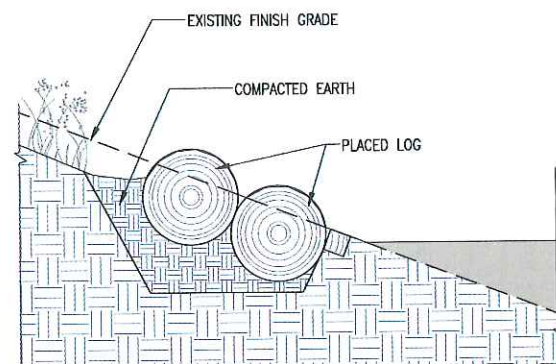
4 BANK STABILIZATION WITH SEEDLINGS
SCALE: 3/4"=1'-0"



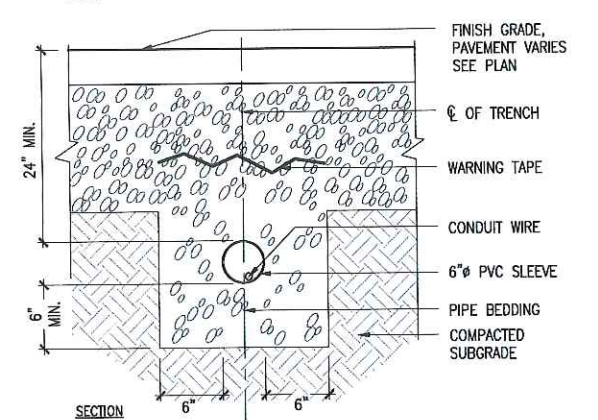
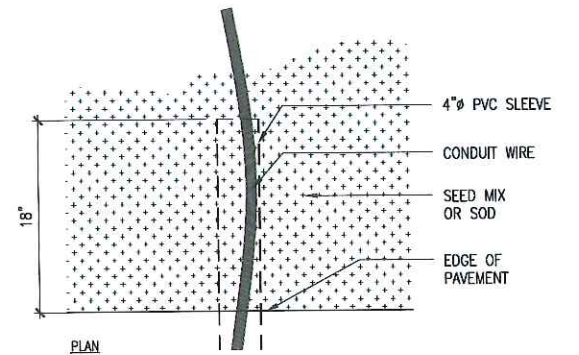
5 WATER BAR
SCALE: 3/4"=1'-0"



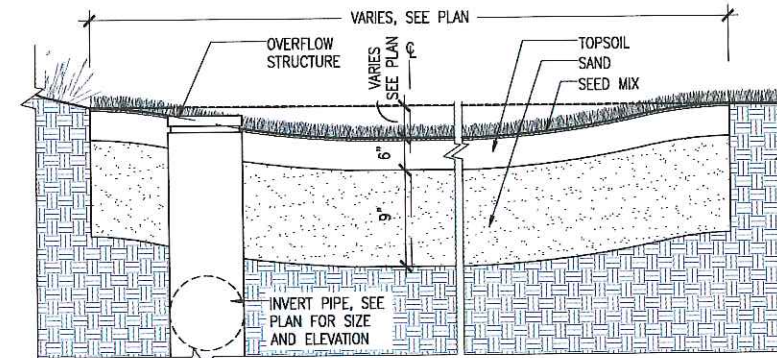
6 TEMPORARY FENCE
SCALE: 3/4"=1'-0"



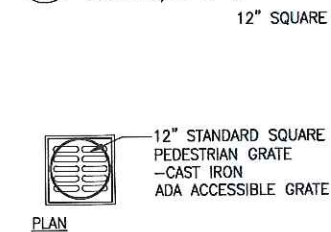
7 LOG EDGE
SCALE: 3/4"=1'-0"



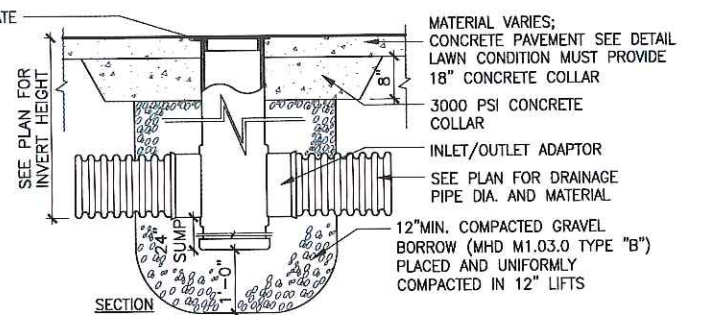
8 CONDUIT SLEEVE
SCALE: 1'-1/2"=1'-0"



TYPICAL SECTION
9 SAND FILTER
SCALE: 3/4"=1'-0"



12" STANDARD SQUARE PEDESTRIAN GRATE -CAST IRON ADA ACCESSIBLE GRATE



10 OVERFLOW DRAIN
SCALE: 3/4"=1'-0"



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No.	Date	Revision

Approved By: _____ Date: _____

Project Name:
Phase 5B: Franklin Park Pathways: Lower Circuit Drive and Scarborough Pond Area

RFID Project No.	PROJECT NO.
Date	2/05/2018
Scale	AS SHOWN
Drawn	YL
Checked	KZ

Sheet Name:
Details

Section:
LD-7

GENERAL NOTES

1. GRAPHIC INDICATIONS OF WORK SPECIFIED ON DRAWINGS ARE INTENDED TO GIVE LOCATION OF REPAIR AND APPROXIMATE SIZE OF REPAIR ONLY. ALL WORK SHOULD BE FIELD VERIFIED.
2. CLEAN 100% OF GRANITE AND PUDDINGSTONE MASONRY SURFACES UNLESS OTHERWISE NOTED USING DESIGNATED CHEMICAL CLEANERS AND PRESSURIZED WATER RINSE AS DETERMINED BY FIELD TESTING. METHODS FOR CLEANING MAY VARY ON DIFFERENT SURFACES DEPENDING ON THE MATERIAL AND THE LEVEL OF SOILING. GENERAL RESTORATION CLEANING SHALL BE PERFORMED PRIOR TO ALL OTHER MASONRY WORK. FOLLOW THE REQUIREMENTS OF SPECIFICATION SECTION 040110.
3. IN ADDITION TO GENERAL CLEANING, CLEAN BIOLOGICAL GROWTH AND GRAFFITI FROM MASONRY. FOLLOW THE REQUIREMENTS OF SPECIFICATION SECTION 040110.
4. REMOVE ALL VEGETATION FROM MASONRY AND TREAT EMBEDDED ELEMENTS WITH HERBICIDE. FOLLOW THE REQUIREMENTS OF SITE CLEARING SPECIFICATION.
5. REPOINT 100% OF GRANITE VEHICULAR BRIDGE AND PUDDINGSTONE PEDESTRIAN BRIDGE MASONRY SURFACES, INCLUDING INTERIOR SIDE OF PARAPET, JOINTS BETWEEN COPING STONES, AND JOINTS BETWEEN STONES AT UNDERSIDE OF BRIDGES. ALL STONE REPOINTING TO BE DEEP REPOINTING, WITH JOINTS PREPARED AND POINTED TO AN AVERAGE DEPTH OF 3" BEYOND OUTSIDE EDGE OF JOINT. ALLOW FOR AN ADDITIONAL 600 SQUARE FEET OF BRICK JOINT PREPARATION AND REPOINTING AT THE UNDERSIDE OF THE TWO BRIDGES TO BE ALLOCATED IN THE FIELD. ASSUME TYPICAL REPOINTING DEPTH OF TWICE THE WIDTH OF THE JOINT FOR BRICK REPOINTING. JOINTS AT STONE AT BOTH BRIDGES HAVE A SQUARE BEADED PROFILE. THIS PROFILE TO BE MAINTAINED AT REPOINTED JOINTS. FOLLOW THE REQUIREMENTS OF SPECIFICATION SECTION 040515.
6. REMOVE ALL UNUSED ANCHORS, PINS, DOWELS, NAILS, AND OTHER FERROUS ELEMENTS FROM EXTERIOR MASONRY. PATCH HOLES IN MASONRY LEFT BY REMOVAL OF FERROUS ELEMENTS. NOT ALL LOCATIONS ARE NOTED ON THE DRAWINGS. ASSUME AN ADDITIONAL 10 LOCATIONS. FOLLOW THE REQUIREMENTS OF SPECIFICATION SECTION 040140.
7. PERFORM A FINAL MASONRY WASH DOWN AFTER ALL MASONRY RESTORATION WORK IS COMPLETE. FOLLOW THE REQUIREMENTS OF SPECIFICATION SECTION 040110.
8. REFER TO L-SERIES DRAWINGS FOR ALL OTHER CONSTRUCTION.

KEY NOTES

CLEANING

C1 REMOVE GRAFFITI

STONE REPAIR

S1 REMOVE FERROUS METAL ANCHOR AND FILL HOLE WITH PATCHING MORTAR MATCHING SURROUNDING STONE. FOLLOW REQUIREMENTS OF SPECIFICATION SECTION 040140.

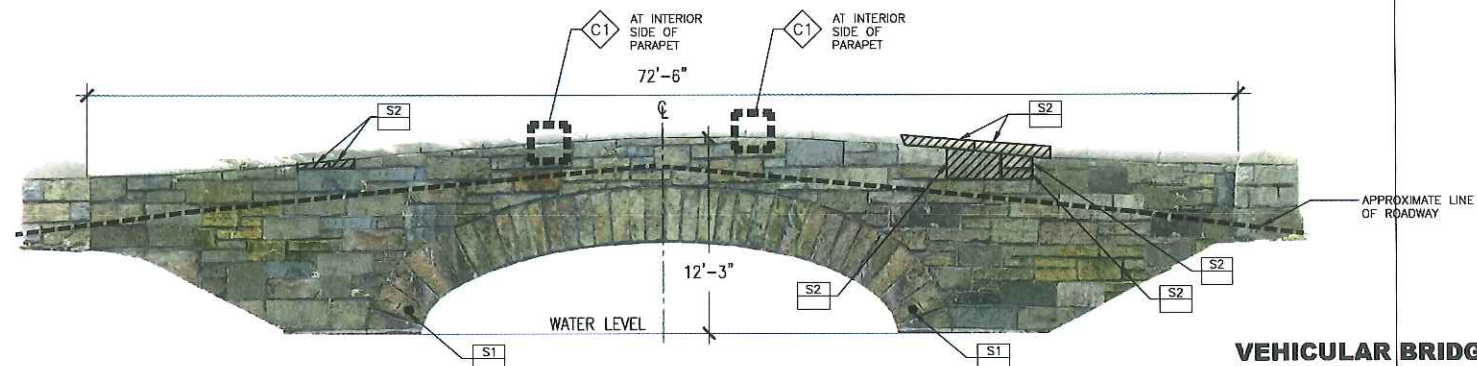
S2 REMOVE DISPLACED STONE AND RESET. FOLLOW REQUIREMENTS OF SPECIFICATION SECTION 040140.

S3 ROUT OUT CRACK AND FILL WITH PATCHING MORTAR MATCHING SURROUNDING STONE. FOLLOW REQUIREMENTS OF SPECIFICATION SECTION 040140.

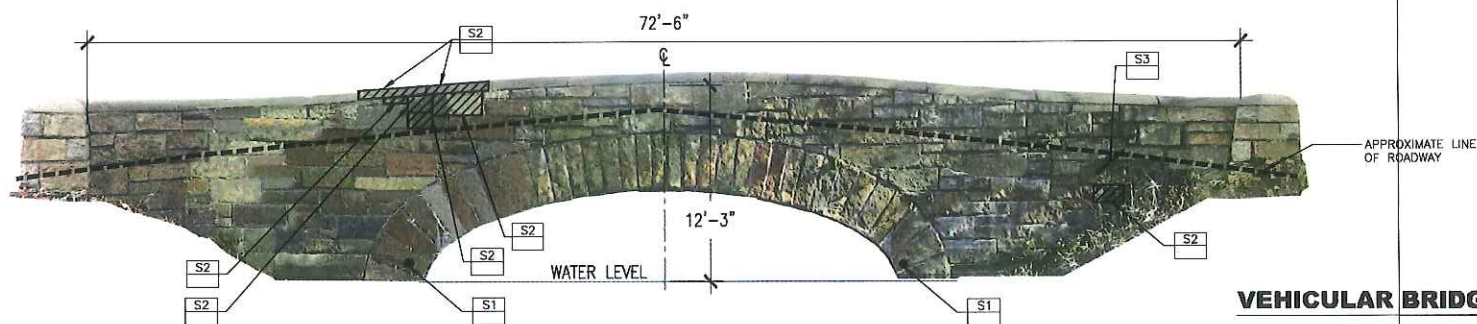
S4 PROVIDE AND INSTALL NEW OR SALVAGED PUDDINGSTONE UNIT TO REPLACE MISSING UNIT. FOLLOW REQUIREMENTS OF SPECIFICATION SECTION 040140.

LEGEND

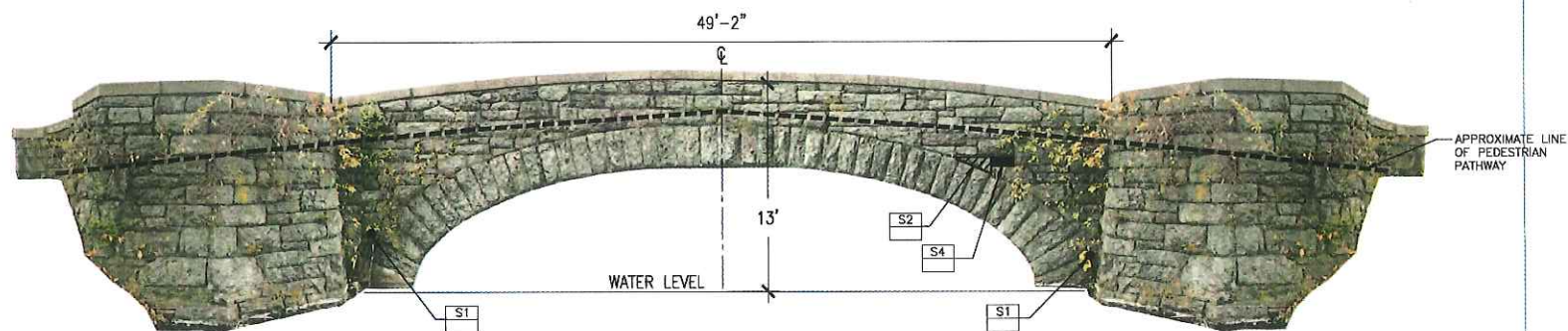
- CRACK
- DISPLACED STONE
- MISSING STONE
- S4 TREATMENT NOTE
- C1 CLEANING NOTE



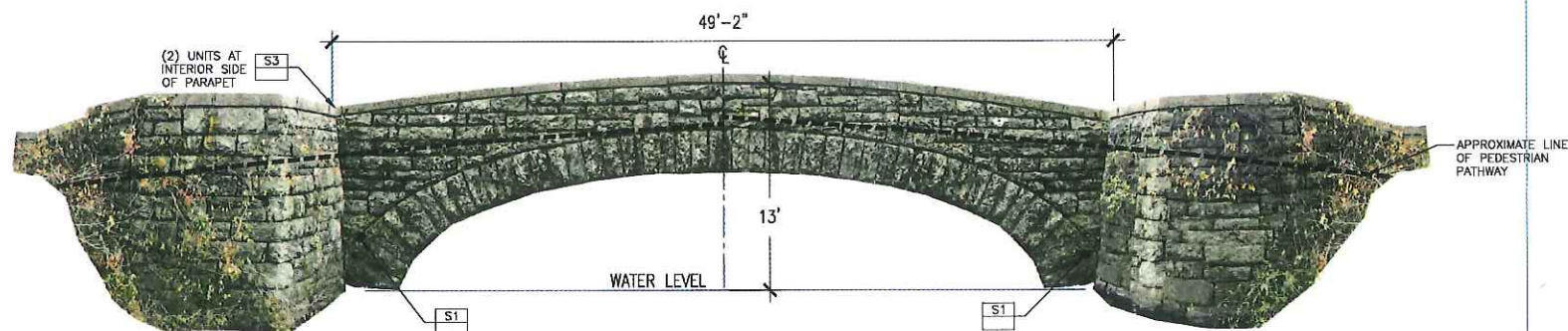
VEHICULAR BRIDGE - EAST SIDE



VEHICULAR BRIDGE - WEST SIDE



PEDESTRIAN BRIDGE - EAST SIDE



PEDESTRIAN BRIDGE - WEST SIDE



	Prepared By: kzla Kyle Zick Landscape Architecture, Inc. 36 Brentfield Street, Suite 202 Boston, MA 02108 617 431-1014 Tel www.kyiczick.com	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>Date</th> <th>Revision</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No.	Date	Revision							Project Name: Phase 5B: Franklin Park Pathways: Lower Circuit Drive and Scarborough Pond Area	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>SP/RD Project No.</td> <td>PROJECT NO.</td> </tr> <tr> <td>Date</td> <td>12/15/2017</td> </tr> <tr> <td>Scale</td> <td>3/16"=1'-0"</td> </tr> <tr> <td>Drawn</td> <td>YL</td> </tr> <tr> <td>Checked</td> <td>KZ</td> </tr> </table>	SP/RD Project No.	PROJECT NO.	Date	12/15/2017	Scale	3/16"=1'-0"	Drawn	YL	Checked	KZ	Sheet Name: Bridge Elevations	Section: E-1
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