

General Notes:

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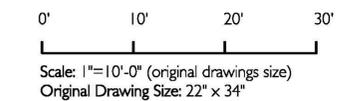
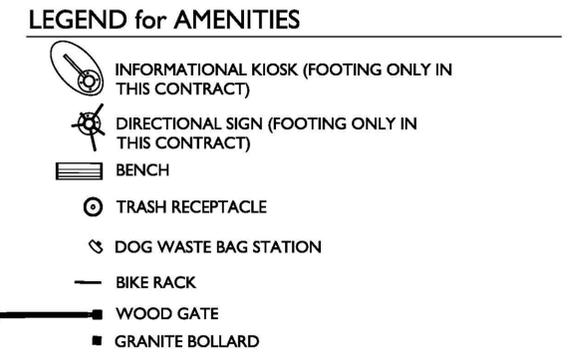
Manufacturer's Information (all amenities are as "or approved equal")

BENCH (See Special Provisions Section 641 REST AREA FACILITIES, bench)
 Manufacturer: Victory Stanley, or Approved Equal
 Model: FM 324 Framers Modern Series
 Color (frame): Black
 Slates: IPE
 Length: 6'
 Web: www.victorstanley.com
 Tel: 301.855.8300

TRASH RECEPTACLE (See Special Provisions Section 641 REST AREA FACILITIES, trash receptacle)
 Manufacturer: Victory Stanley, or Approved Equal
 Model: RSDC-36 Steelseries series
 Color: Black
 Web: www.victorstanley.com
 Tel: 301.855.8300

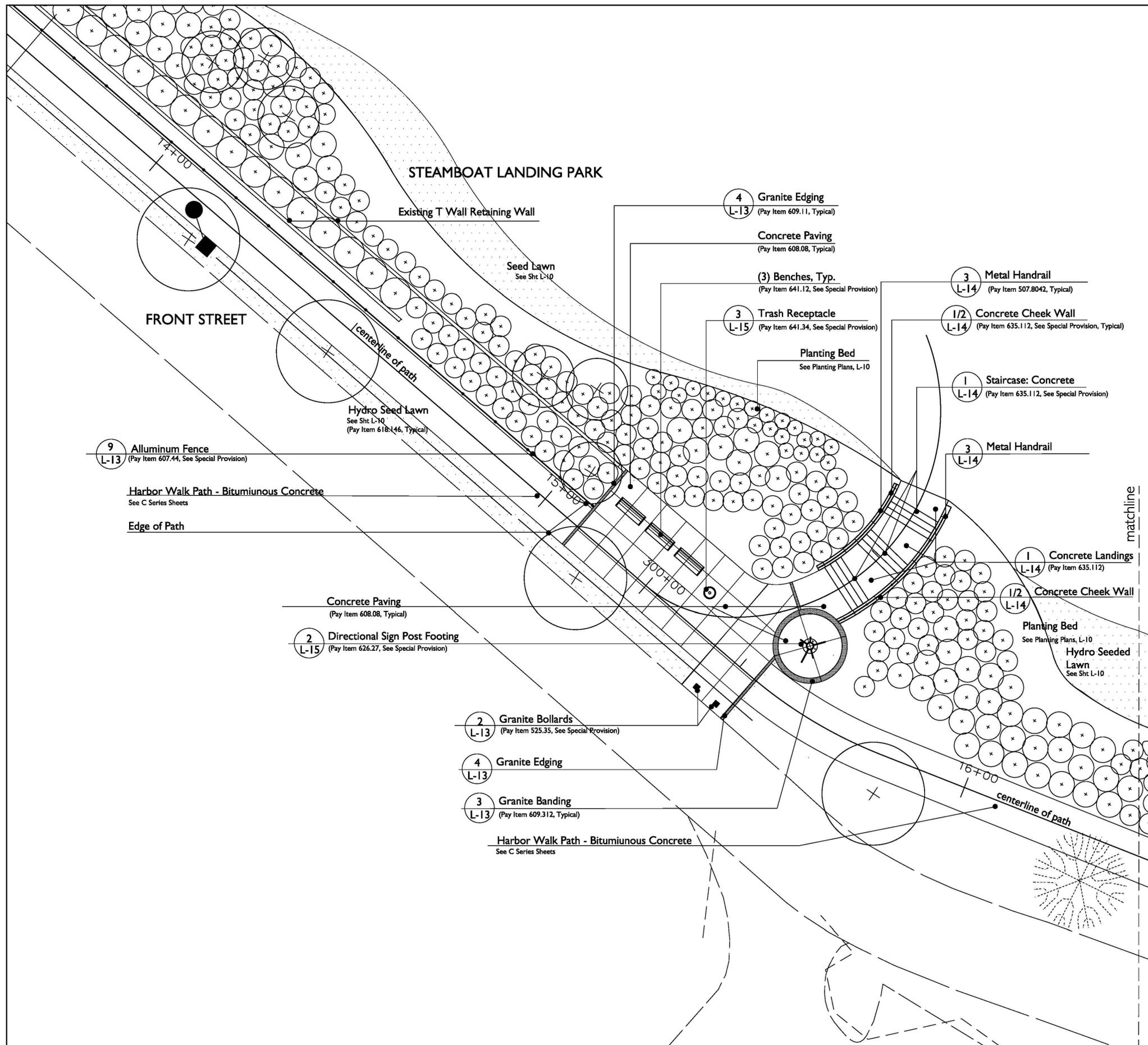
DOG WASTE RECEPTACLE (See Special Provisions Section 641 REST AREA FACILITIES, dog waste receptacle)
 Manufacturer: Pilot Rock, or Approved Equal
 Model: PWS-D006
 Web: www.pilotrack.com/trash_recycling/pet-waste.htm
 Tel: 800.762.5002

BIKE RACK (See Special Provisions Section 641 REST AREA FACILITIES, bike rack)
 Manufacturer: DERO Bike Racks, or Approved Equal
 Model: Arc Rack
 Web: www.dero.com
 Tel: 1.888.337.6729



Richardson & Associates,
 Landscape Architects
 11 Middle Street, Suite 200, Belfast, ME 04901
 Tel: 207.286.9291

BELFAST HARBOR WALK		STP - 1760(200)X		17602.00		HIGHWAY PLANS	
		SIGNATURE		P.E. NUMBER		DATE	
DATE		5/24		5/24		8/23/2012	
BY							
PROJ. MANAGER:		DESIGN-DETAILED		CHECKED-REVIEWED		DESIGN-DETAILED	
						REVISIONS 1	
						REVISIONS 2	
						REVISIONS 3	
						REVISIONS 4	
						FIELD CHANGES	
BELFAST HARBOR WALK		PLANS		Material Plan for Node at Boat House/Steamboat Landing		SHEET NUMBER	
						L-1	



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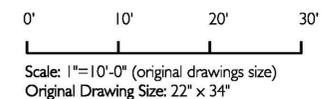
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 Model: PWS-D006
 Web: www.pilotrock.com/trash_recycling/pet-waste.htm
 Tel: 800.762.5002

ALLUMINIUM FENCE (See Special Provisions Section 607 FENCE, aluminum fence)
 Manufacturer: AMERISTAR or Approved Equal
 Model: ECHOLON II MAJESTIC INDUSTRIAL STRENGTH ALUMINIUM 3/4" RAIL W/RINGS
 Web: www.ameristarfence.com
 Tel: 888.333.3422

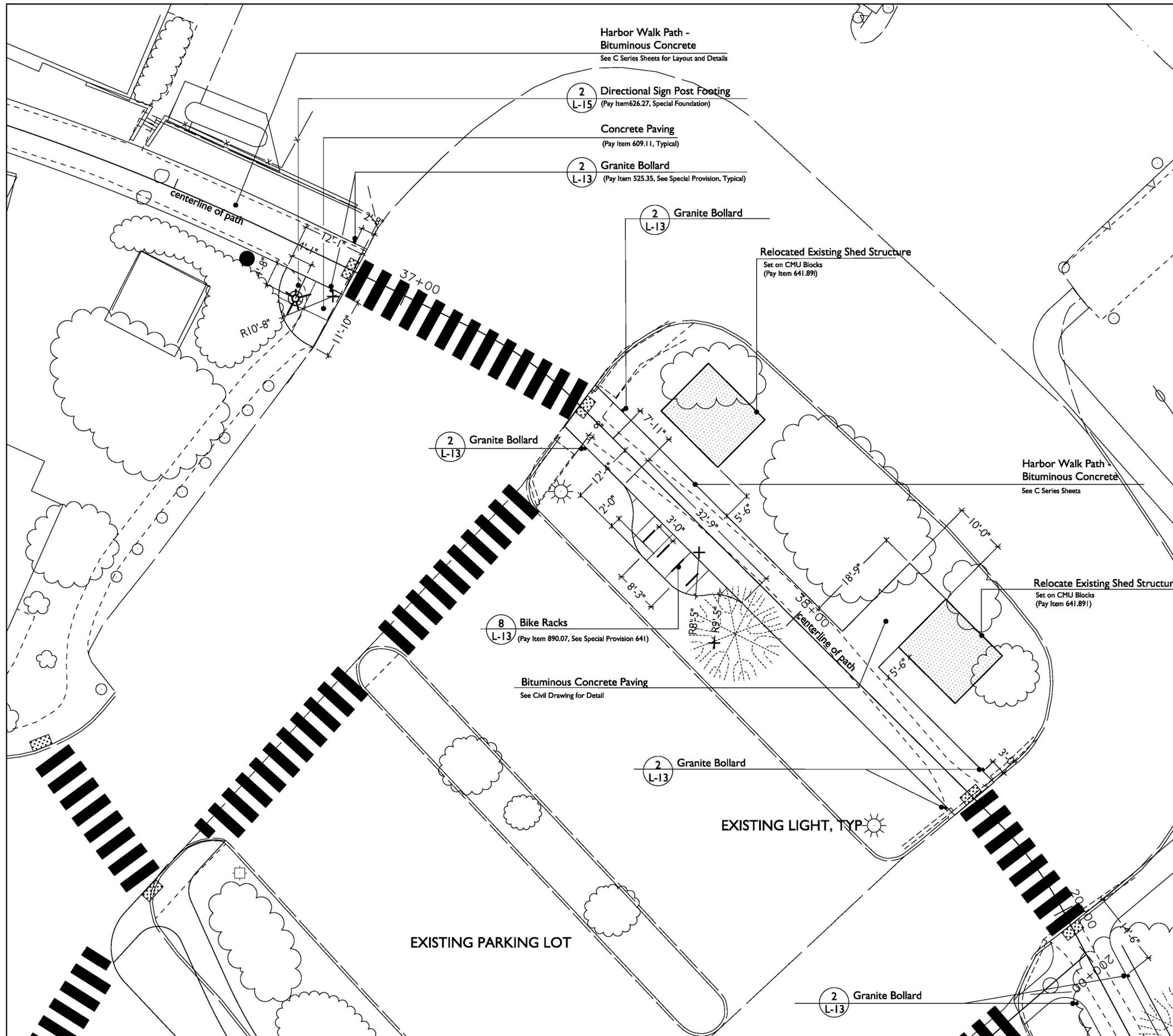
LEGEND for AMENITIES

- INFORMATIONAL KIOSK (FOOTING ONLY IN THIS CONTRACT)
- DIRECTIONAL SIGN (FOOTING ONLY IN THIS CONTRACT)
- BENCH
- TRASH RECEPTACLE
- DOG WASTE BAG STATION
- BIKE RACK
- WOOD GATE
- GRANITE BOLLARD



Richardson & Associates,
 Landscape Architects
 11 Middle Street Secs, Maine 04072, Tel: 207.286.9291, Fax: 207.286.9650

BELFAST HARBOR WALK		STP - 1760(200)X		HIGHWAY PLANS 17602.00
BELFAST HARBOR WALK		PLANS		Material Plan for Staircase at Steamboat Landing
BELFAST HARBOR WALK		PLANS		
DATE 5/25/2012	BY	SIGNATURE	P. E. NUMBER No. 130	DATE 6/23/2012
PROJ. MANAGER:	DESIGN-DETAILED	CHECKED-REVIEWED	DESIGN-DETAILED2	REVISIONS 1
	DESIGN-DETAILED3	REVISIONS 2	REVISIONS 3	REVISIONS 4
	FIELD CHANGES			
SHEET NUMBER		L-2		



General Notes:

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BIKE RACK
 Manufacturer: DERO Bike Racks, or Approved Equal
 Model: Arc Rack
 Web: www.dero.com
 Tel: 1.888.337.6729

LEGEND for AMENITIES

- INFORMATIONAL KIOSK (FOOTING ONLY IN THIS CONTRACT)
- DIRECTIONAL SIGN (FOOTING ONLY IN THIS CONTRACT)
- BENCH
- TRASH RECEPTACLE
- DOG WASTE BAG STATION
- BIKE RACK
- WOOD GATE
- GRANITE BOLLARD



Scale: 1"=10'-0" (original drawings size)
 Original Drawing Size: 22" x 34"

Richardson & Associates,
 Landscape Architects
 11 Middle Street, Suite 200, Belfast, ME 04912-1207, Tel: 207.286.9650

PROJ. MANAGER:	DATE	SIGNATURE
DESIGN-DETAILED	5/25/2012	
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		P. E. NUMBER
REVISIONS 2		No. 130
REVISIONS 3		DATE
REVISIONS 4		8/23/2012
FIELD CHANGES		

PLANTING LIST (for Thompson's Wharf Area)

Herbaceous Material

Key	Quantity	Scientific Name	Common Name	Size	Notes
CP	174	Comptonia pergrina	sweet fern	1 gal	

Mulch

23 cy for the all the plant beds shown on this drawing sheet.

EXISTING WHARF

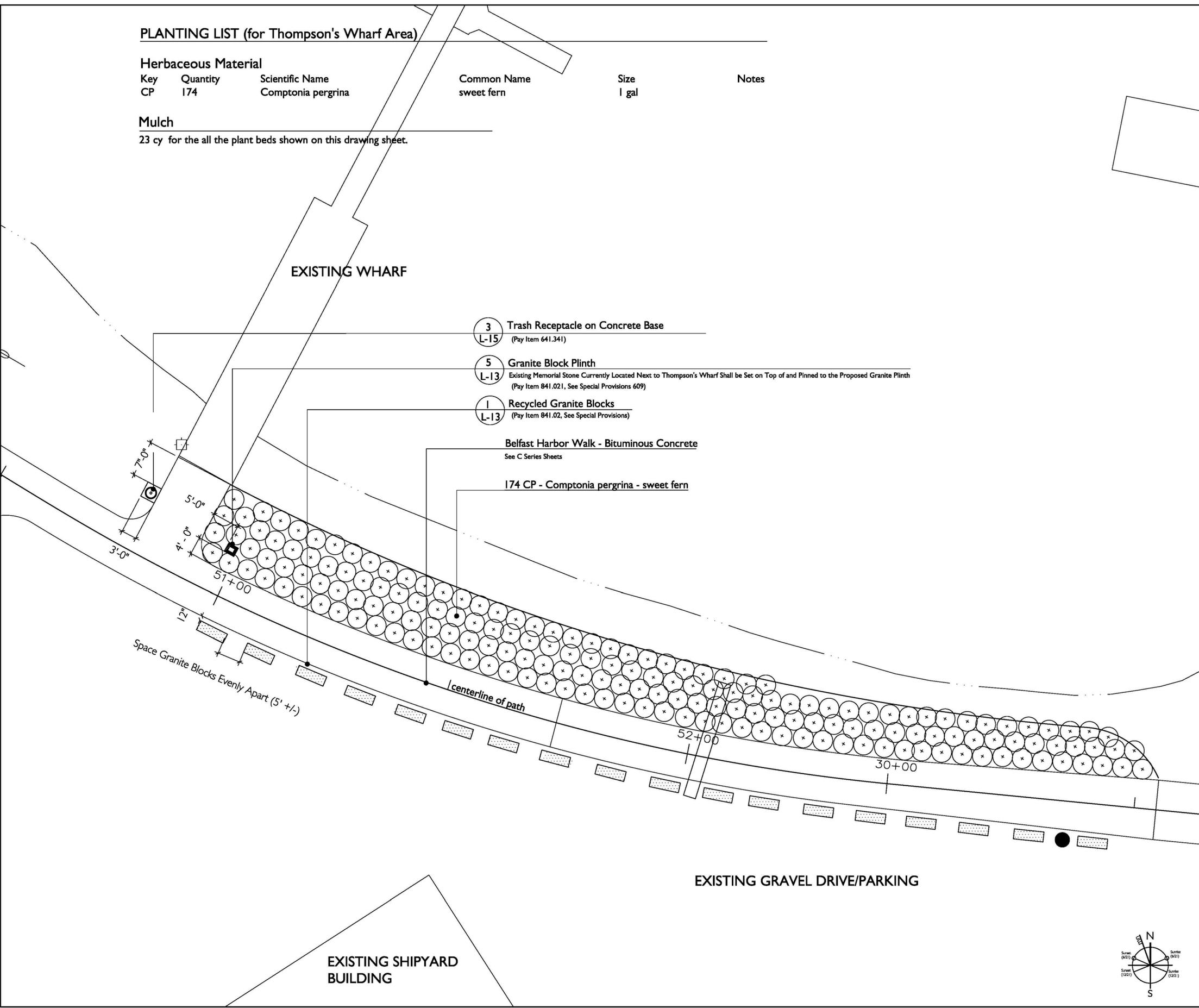
3 Trash Receptacle on Concrete Base
L-15 (Pay Item 641.341)

5 Granite Block Plinth
L-13 Existing Memorial Stone Currently Located Next to Thompson's Wharf Shall be Set on Top of and Pinned to the Proposed Granite Plinth (Pay Item 841.021, See Special Provisions 609)

1 Recycled Granite Blocks
L-13 (Pay Item 841.02, See Special Provisions)

Belfast Harbor Walk - Bituminous Concrete
See C Series Sheets

174 CP - Comptonia pergrina - sweet fern



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TRASH RECEPTACLE (See Special Provisions Section 641 REST AREA FACILITIES, trash receptacle)
Manufacturer: Victory Stanley, or Approved Equal
Model: RSDC-36 Steelsites series
Color: Black
Web: www.victorstanley.com
Tel: 301.855.8300

BELFAST HARBOR WALK	STP - 1760(200)X	17602.00	HIGHWAY PLANS
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PROJ. MANAGER:	DESIGN-DETAILED	DATE	5/25/2012
	CHECKED-REVIEWED	BY	
DESIGN-DETAILED	DESIGN-DETAILED	SIGNATURE	
	REVISIONS 1	P. E. NUMBER	No. 130
REVISIONS 2	REVISIONS 3	DATE	8/23/2012
REVISIONS 4	FIELD CHANGES		

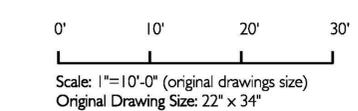
LEGEND for AMENITIES

- INFORMATIONAL KIOSK (FOOTING ONLY IN THIS CONTRACT)
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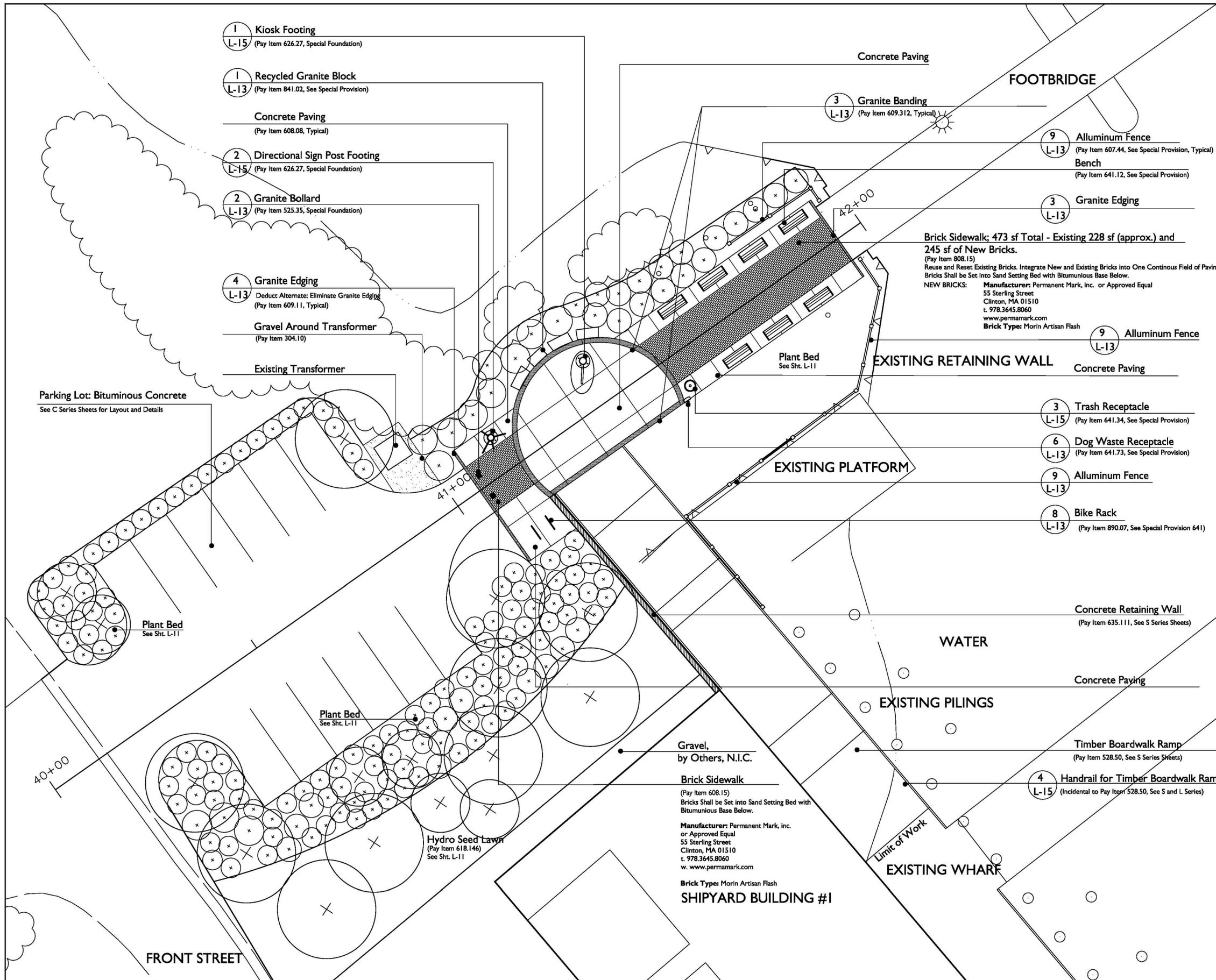
BELFAST HARBOR WALK
PLANS
 Material/Layout/Planting Plan for Thompson's Wharf

SHEET NUMBER

L-4



Richardson & Associates,
 Landscape Architects
 11 Middle Street, Suite 200, Belfast, Maine 04072-1207 286.9291 / 207.286.9650



- 1 Kiosk Footing
L-15 (Pay Item 626.27, Special Foundation)
- 1 Recycled Granite Block
L-13 (Pay Item 841.02, See Special Provision)
- Concrete Paving
(Pay Item 608.08, Typical)
- 2 Directional Sign Post Footing
L-15 (Pay Item 626.27, Special Foundation)
- 2 Granite Bollard
L-13 (Pay Item 525.35, Special Foundation)
- 4 Granite Edging
L-13 Deduct Alternate: Eliminate Granite Edging
(Pay Item 609.11, Typical)
- Gravel Around Transformer
(Pay Item 304.10)
- Existing Transformer

- 3 Granite Banding
L-13 (Pay Item 609.312, Typical)
- 9 Aluminum Fence
L-13 (Pay Item 607.44, See Special Provision, Typical)
- Bench
(Pay Item 641.12, See Special Provision)
- 3 Granite Edging
L-13
- 9 Aluminum Fence
L-13

Brick Sidewalk; 473 sf Total - Existing 228 sf (approx.) and 245 sf of New Bricks.
(Pay Item 808.15)
Reuse and Reset Existing Bricks. Integrate New and Existing Bricks into One Continous Field of Paving. Bricks Shall be Set into Sand Setting Bed with Bituminous Base Below.
NEW BRICKS: **Manufacturer:** Permanent Mark, inc. or Approved Equal
55 Sterling Street
Clinton, MA 01510
t. 978.3645.8060
www.permamark.com
Brick Type: Morin Artisan Flash

- 3 Trash Receptacle
L-15 (Pay Item 641.34, See Special Provision)
- 6 Dog Waste Receptacle
L-13 (Pay Item 641.73, See Special Provision)
- 9 Aluminum Fence
L-13
- 8 Bike Rack
L-13 (Pay Item 890.07, See Special Provision 641)

Gravel,
by Others, N.I.C.

Brick Sidewalk
(Pay Item 608.15)
Bricks Shall be Set into Sand Setting Bed with Bituminous Base Below.
Manufacturer: Permanent Mark, inc. or Approved Equal
55 Sterling Street
Clinton, MA 01510
t. 978.3645.8060
w. www.permamark.com
Brick Type: Morin Artisan Flash

SHIPYARD BUILDING #1

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Model: FM 324 Framers Modern Series
Color (frame): Black
Slates: IPE
Length: 6'
Web: www.victorstanley.com
Tel: 301.855.8300

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Tel: 1.888.337.6729

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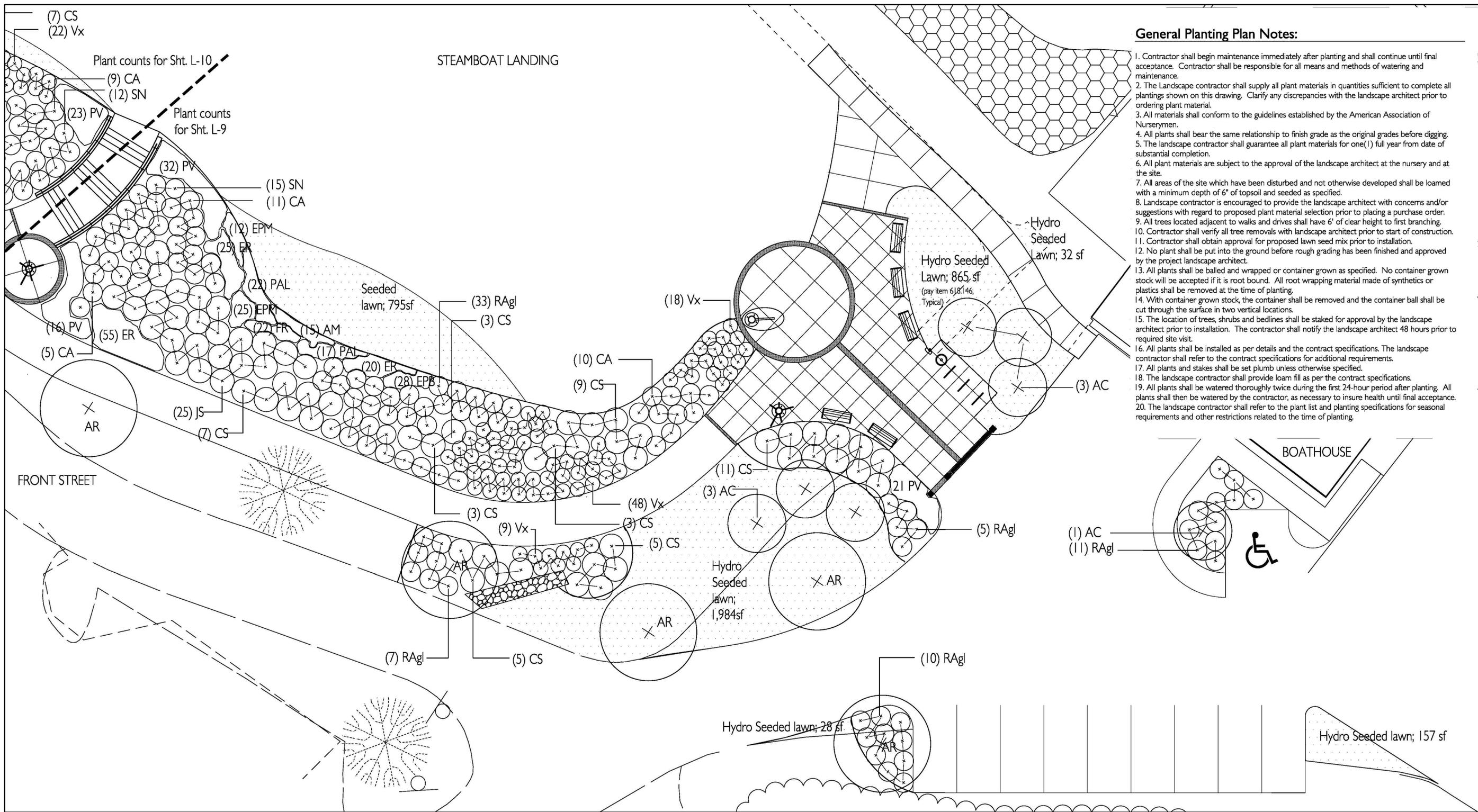
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Richardson & Associates,
Landscape Architects
11 Middle Street Secs. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

BELFAST HARBOR WALK		STP - 1760(200)X		HIGHWAY PLANS 17602.00
BELFAST HARBOR WALK		PLANS		Material Plan for Node at Foot Bridge
DATE 5/25/2012	BY	P.L. NUMBER No. 130	DATE 8/23/2012	
DESIGN-DETAILED	CHECKED-REVIEWED	DESIGN-DETAILED	REVISIONS 1	REVISIONS 2
DESIGN-DETAILED	DESIGN-DETAILED	REVISIONS 3	REVISIONS 4	FIELD CHANGES
BELFAST HARBOR WALK		SHEET NUMBER		L-5



General Planting Plan Notes:

- Contractor shall begin maintenance immediately after planting and shall continue until final acceptance. Contractor shall be responsible for all means and methods of watering and maintenance.
- The Landscape contractor shall supply all plant materials in quantities sufficient to complete all plantings shown on this drawing. Clarify any discrepancies with the landscape architect prior to ordering plant material.
- All materials shall conform to the guidelines established by the American Association of Nurserymen.
- All plants shall bear the same relationship to finish grade as the original grades before digging.
- The landscape contractor shall guarantee all plant materials for one(1) full year from date of substantial completion.
- All plant materials are subject to the approval of the landscape architect at the nursery and at the site.
- All areas of the site which have been disturbed and not otherwise developed shall be loamed with a minimum depth of 6" of topsoil and seeded as specified.
- Landscape contractor is encouraged to provide the landscape architect with concerns and/or suggestions with regard to proposed plant material selection prior to placing a purchase order.
- All trees located adjacent to walks and drives shall have 6' of clear height to first branching.
- Contractor shall verify all tree removals with landscape architect prior to start of construction.
- Contractor shall obtain approval for proposed lawn seed mix prior to installation.
- No plant shall be put into the ground before rough grading has been finished and approved by the project landscape architect.
- All plants shall be balled and wrapped or container grown as specified. No container grown stock will be accepted if it is root bound. All root wrapping material made of synthetics or plastics shall be removed at the time of planting.
- With container grown stock, the container shall be removed and the container ball shall be cut through the surface in two vertical locations.
- The location of trees, shrubs and bedlines shall be staked for approval by the landscape architect prior to installation. The contractor shall notify the landscape architect 48 hours prior to required site visit.
- All plants shall be installed as per details and the contract specifications. The landscape contractor shall refer to the contract specifications for additional requirements.
- All plants and stakes shall be set plumb unless otherwise specified.
- The landscape contractor shall provide loam fill as per the contract specifications.
- All plants shall be watered thoroughly twice during the first 24-hour period after planting. All plants shall then be watered by the contractor, as necessary to insure health until final acceptance.
- The landscape contractor shall refer to the plant list and planting specifications for seasonal requirements and other restrictions related to the time of planting.

PLANTING LIST

Trees					
Key	Quantity	Scientific Name	Common Name	Size	Notes
AR	5	Acer rubrum	Red Maple	3.5" cal	Single Stem
AC	7	Amelanchier canadensis	Shadblow	10-12'	Heavy, Clumped, 3 Stem. Min

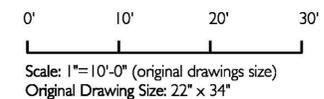
Shrubs					
Key	Quantity	Scientific Name	Common Name	Size	Notes
CA	26	Clethra alnifolia 'Ruby Spice'	Ruby Spice Clethra	#5 cont	
CS	43	Cornus sericea 'Cardinal'	Cardinal Redtwig Dogwood	#5	
JS	25	Juniperus sabina 'Broadmoor'	Broadmoor Juniper	#3 cont	
RAgl	62	Rhus aromatica 'Gro-Low'	Gro Low Fragrant Sumac	#3 cont	
SN	12	Spiraea nipponica 'Snow Mound'	Snow Mound Nippon Spiraea	#5 cont	
Vx	75	Vaccinium - Hybrid (Medium Height)	Hybrid Blueberry	#3 cont	

Herbaceous Material

AM	15	Achillea millefolium sp.	White Yarrow	1 gal
EPM	37	Echinacea purpurea 'Magnus'	Magnus Coneflower	1 gal
EPB	28	Echinacea 'Baby White Swan'	Baby White Swan Coneflower	1 gal
ER	100	Echinops ritro 'Veitch's Blue'	Veich's Blue Globe Thistle	1 gal
FR	22	Filipendula rubra 'Venusta'	Venusta Dropwort	1 gal
PV	37	Panicum virgatum 'Shedandoah'	Switch Grass	1 gal
PAL	71	Pennisetum alopecuroides 'Little Bunny'	Little Bunny Fountain Grass	1 gal

Mulch

45 cy for the all the plant beds shown on this drawing sheet.



Richardson & Associates,
Landscape Architects
11 Middle Street, Saco, Maine 04072 • 207.286.9211 • 207.286.9650

BELFAST HARBOR WALK

STP - 1760(200)X

17602.00

HIGHWAY PLANS



SIGNATURE
P.E. NUMBER
No. 130
DATE
8/23/2012

PROJ. MANAGER:	DATE	BY
DESIGN-DETAILED	5/25/2012	
CHECKED-REVIEWED		
DESIGN-DETAILED2		
DESIGN-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

BELFAST HARBOR WALK

PLANS

Planting Plan for Steamboat Landing

SHEET NUMBER

L-9

PLANTING LIST

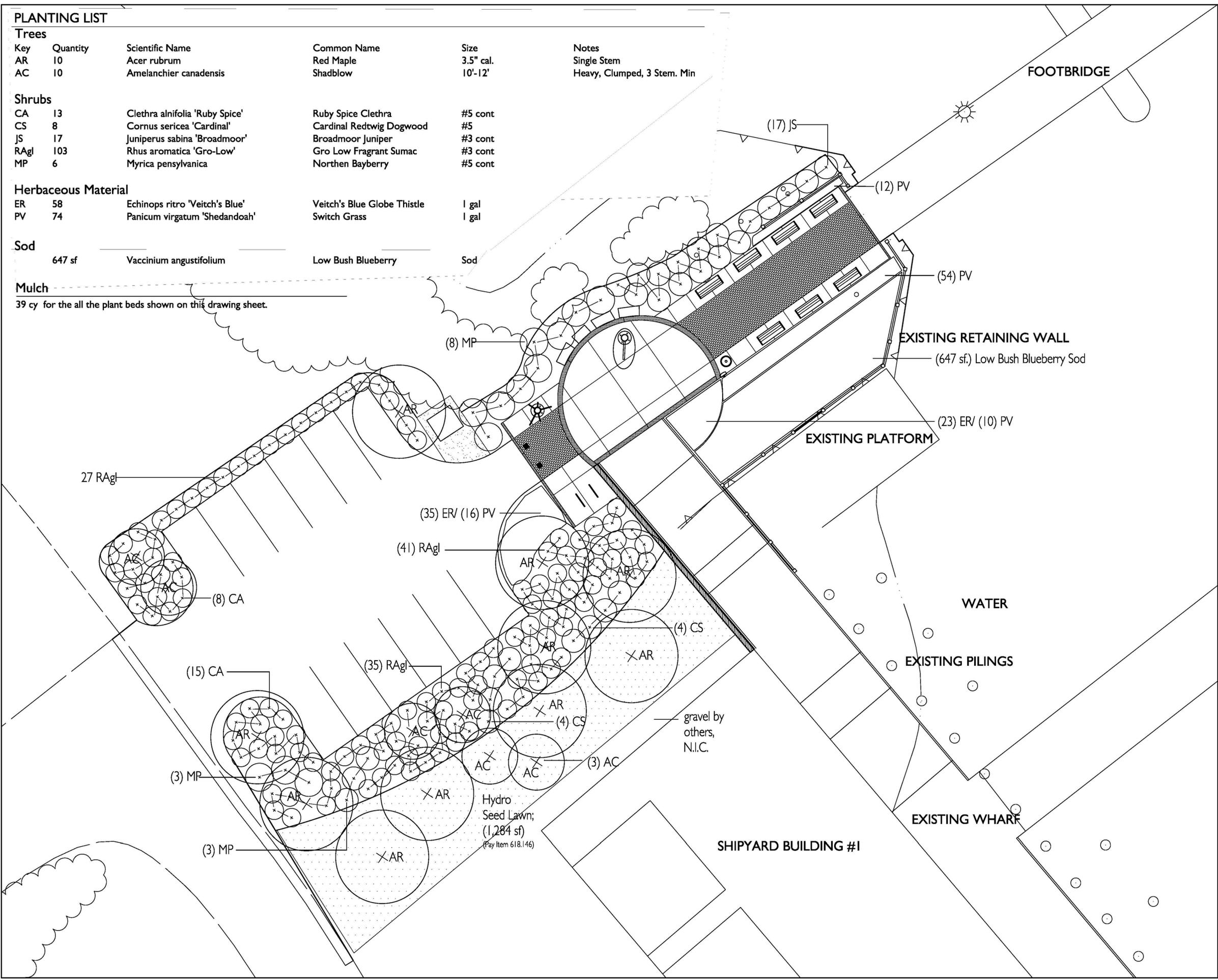
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Key	Quantity	Scientific Name	Common Name	Size	Notes
CA	13	Clethra alnifolia 'Ruby Spice'	Ruby Spice Clethra	#5 cont	
CS	8	Cornus sericea 'Cardinal'	Cardinal Redtwig Dogwood	#5	
JS	17	Juniperus sabinna 'Broadmoor'	Broadmoor Juniper	#3 cont	
RAgl	103	Rhus aromatica 'Gro-Low'	Gro Low Fragrant Sumac	#3 cont	
MP	6	Myrica pensylvanica	Northern Bayberry	#5 cont	

Herbaceous Material					
Key	Quantity	Scientific Name	Common Name	Size	Notes
ER	58	Echinops ritro 'Veitch's Blue'	Veitch's Blue Globe Thistle	1 gal	
PV	74	Panicum virgatum 'Shedandoah'	Switch Grass	1 gal	

Sod					
Quantity	Scientific Name	Common Name	Material	Quantity	Notes
647 sf	Vaccinium angustifolium	Low Bush Blueberry	Sod		

Mulch
39 cy for the all the plant beds shown on this drawing sheet.

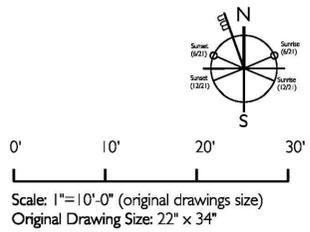


BELFAST HARBOR WALK
STP - 1760(200)X
17602.00
HIGHWAY PLANS



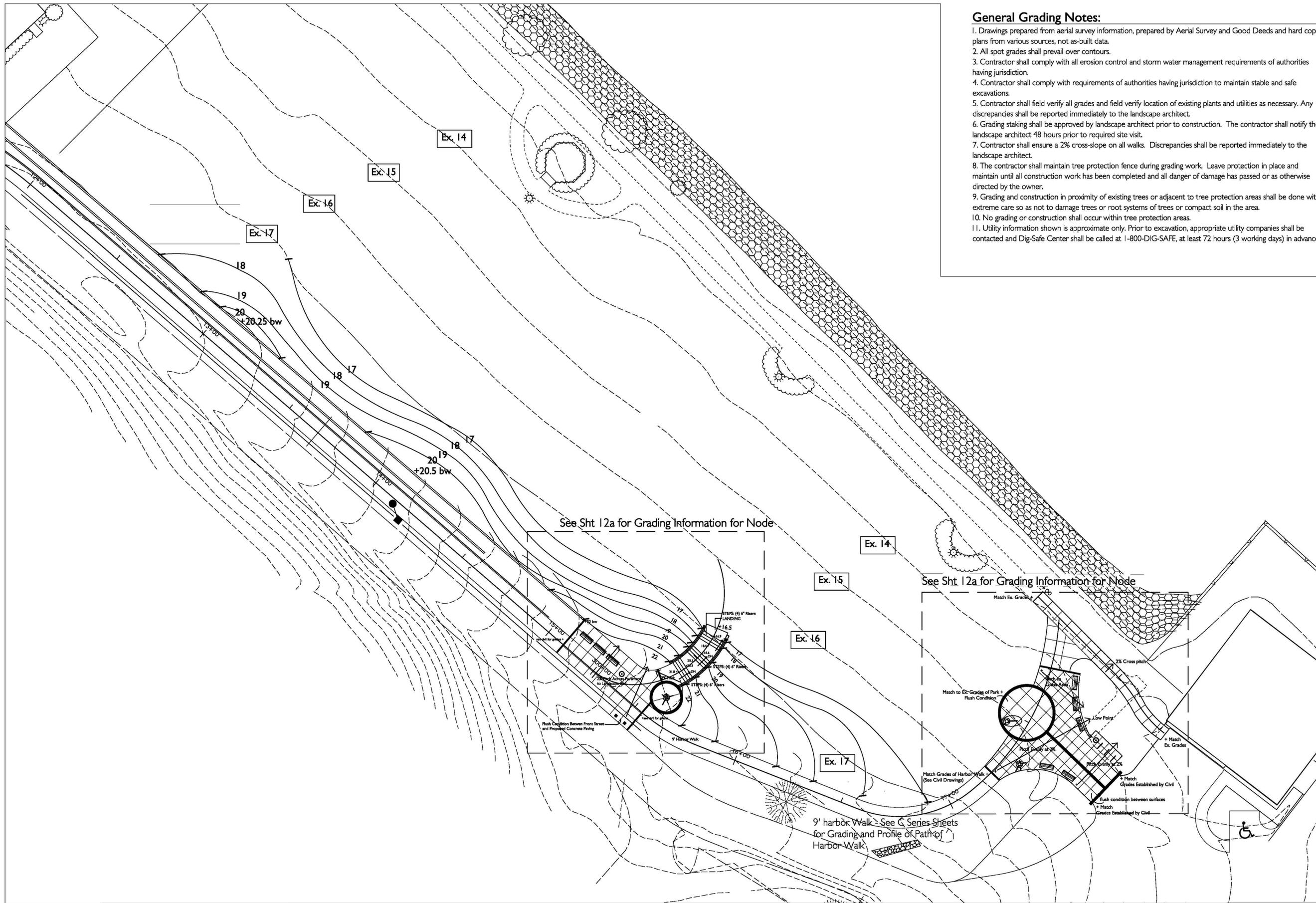
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DESIGN-REVIEWED		
DESIGN-REVIEWED		
REVISIONS 1	SIGNATURE	
REVISIONS 2	No. 130	
REVISIONS 3	P.E. NUMBER	8/1/2012
REVISIONS 4	DATE	
FIELD CHANGES		

BELFAST HARBOR WALK
PLANS
Planting Plan for Node at Foot Bridge



Richardson & Associates,
Landscape Architects
11 Middle Street, Suite, Marine 04072, T. 207.286.9291 F. 207.286.9650

SHEET NUMBER
L-11



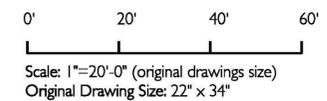
General Grading Notes:

1. Drawings prepared from aerial survey information, prepared by Aerial Survey and Good Deeds and hard copy plans from various sources, not as-built data.
2. All spot grades shall prevail over contours.
3. Contractor shall comply with all erosion control and storm water management requirements of authorities having jurisdiction.
4. Contractor shall comply with requirements of authorities having jurisdiction to maintain stable and safe excavations.
5. Contractor shall field verify all grades and field verify location of existing plants and utilities as necessary. Any discrepancies shall be reported immediately to the landscape architect.
6. Grading staking shall be approved by landscape architect prior to construction. The contractor shall notify the landscape architect 48 hours prior to required site visit.
7. Contractor shall ensure a 2% cross-slope on all walks. Discrepancies shall be reported immediately to the landscape architect.
8. The contractor shall maintain tree protection fence during grading work. Leave protection in place and maintain until all construction work has been completed and all danger of damage has passed or as otherwise directed by the owner.
9. Grading and construction in proximity of existing trees or adjacent to tree protection areas shall be done with extreme care so as not to damage trees or root systems of trees or compact soil in the area.
10. No grading or construction shall occur within tree protection areas.
11. Utility information shown is approximate only. Prior to excavation, appropriate utility companies shall be contacted and Dig-Safe Center shall be called at 1-800-DIG-SAFE, at least 72 hours (3 working days) in advance.

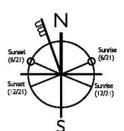
BELFAST HARBOR WALK		STP - 1760(200)X		HIGHWAY PLANS
BELFAST HARBOR WALK		STP - 1760(200)X		17602.00
PLANS		Grading Plan Steamboat Landing		
SHEET NUMBER		L-12		

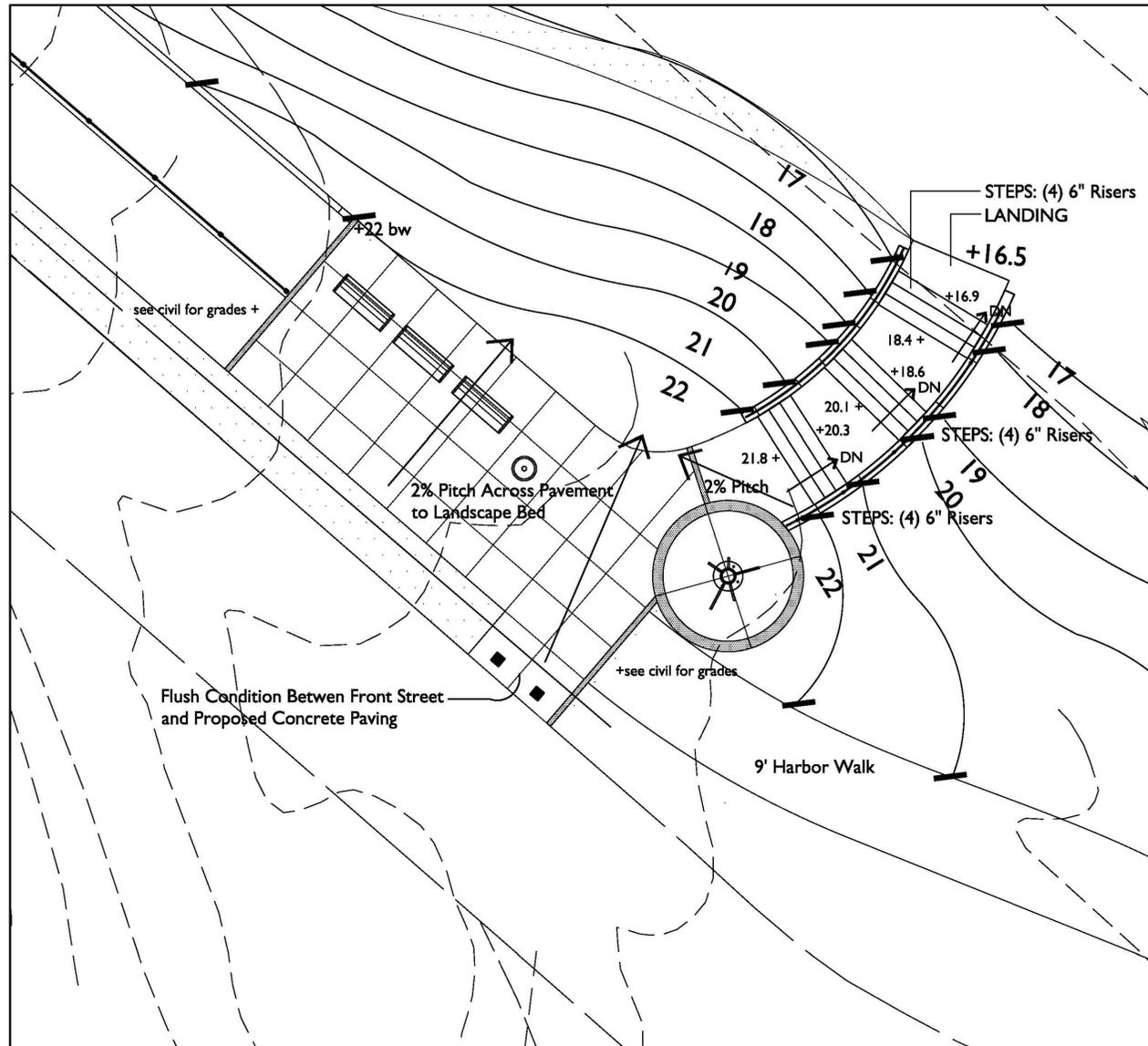
PROJ. MANAGER:		DATE:	5/25/2012	SIGNATURE:	
DESIGN-DETAILED		BY:		P. E. NUMBER	No. 130
CHECKED-REVIEWED		REVISIONS 1		REVISIONS 2	REVISIONS 3
DESIGN-DETAILED		REVISIONS 4		FIELD CHANGES	

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Richardson & Associates,
Landscape Architects
11 Middle Street, Suite 200, Miami 04072, L 207 286-9291, F 207 286-9650





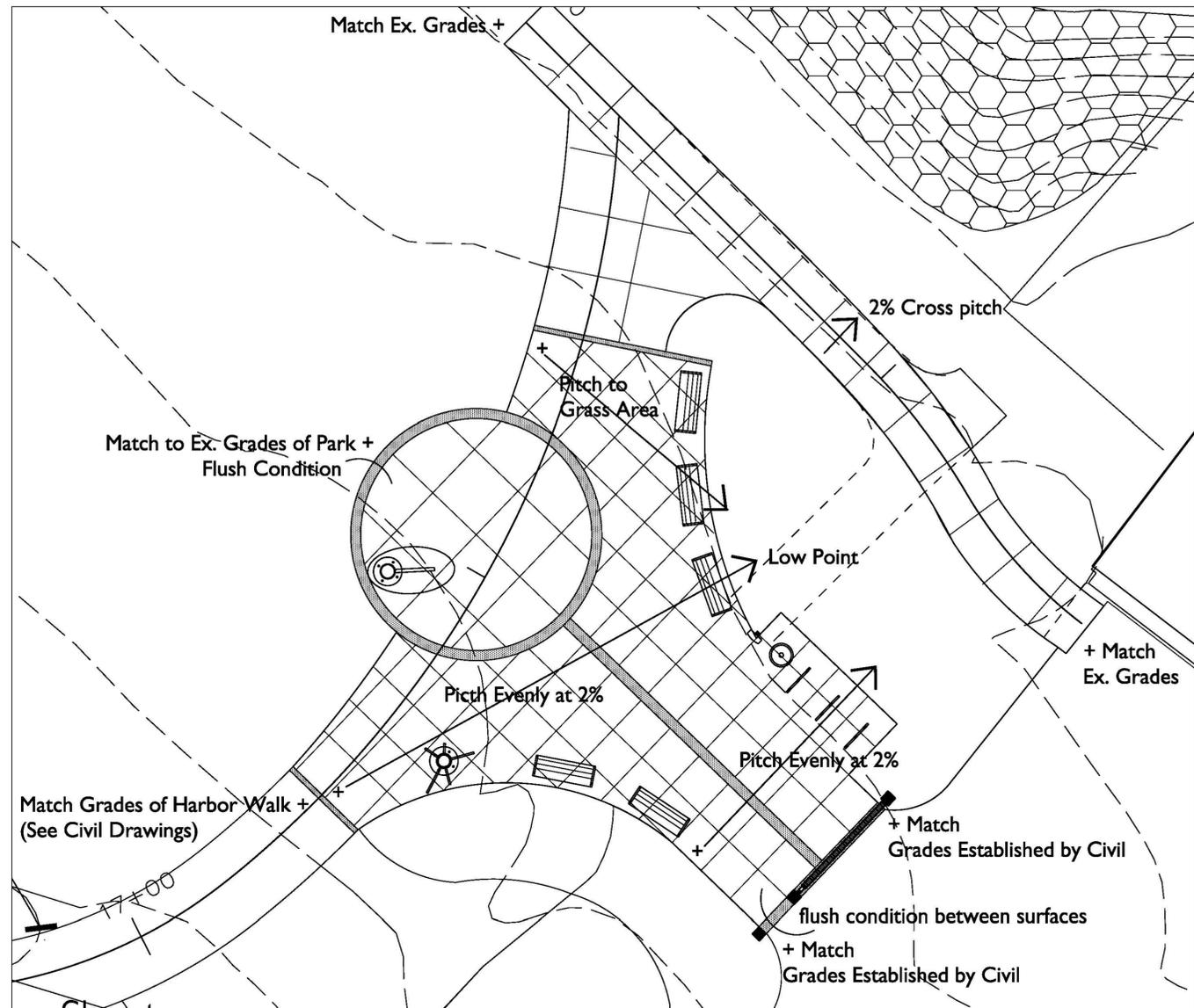
STAIRCASE AT STEAMBOAT LANDING

Scale: 1/8" = 1'-0"
 0' 8' 16' 24'

Scale: 1/8" = 1'-0" (original drawings size)
 Original Drawing Size: 22" x 34"

General Grading Notes:

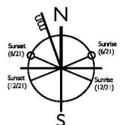
1. Drawings prepared from aerial survey information, prepared by Aerial Survey and Good Deeds and hard copy plans from various sources, not as-built data.
2. All spot grades shall prevail over contours.
3. Contractor shall comply with all erosion control and storm water management requirements of authorities having jurisdiction.
4. Contractor shall comply with requirements of authorities having jurisdiction to maintain stable and safe excavations.
5. Contractor shall field verify all grades and field verify location of existing plants and utilities as necessary. Any discrepancies shall be reported immediately to the landscape architect or Owner.
6. Contractor shall establish grades based on specific field conditions and civil drawings.
7. Grading staking shall be approved by landscape architect prior to construction. The contractor shall notify the landscape architect 48 hours prior to required site visit.
8. Contractor shall ensure a min. of 2% and max. of 3% cross-slope on all walks and paved areas as shown by the arrows on the drawings. Discrepancies shall be reported immediately to the landscape architect.
9. The contractor shall maintain tree protection fence during grading work. Leave protection in place and maintain until all construction work has been completed and all danger of damage has passed or as otherwise directed by the owner.
10. Grading and construction in proximity of existing trees or adjacent to tree protection areas shall be done with extreme care so as not to damage trees or root systems of trees or compact soil in the area.
11. No grading or construction shall occur within tree protection areas.
12. Utility information shown is approximate only. Prior to excavation, appropriate utility companies shall be contacted and Dig-Safe Center shall be called at 1-800-DIG-SAFE, at least 72 hours (3 working days) in advance.



NODE at the BOAT HOUSE

Scale: 1/8" = 1'-0"
 0' 8' 16' 24'

Scale: 1/8" = 1'-0" (original drawings size)
 Original Drawing Size: 22" x 34"



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 Landscape Architects
 11 Middle Street, Suite, Miami 04072, L 207 286.9291 | 207 286.9650

BELFAST HARBOR WALK
 STP - 1760(200)X
 17602.00
 HIGHWAY PLANS



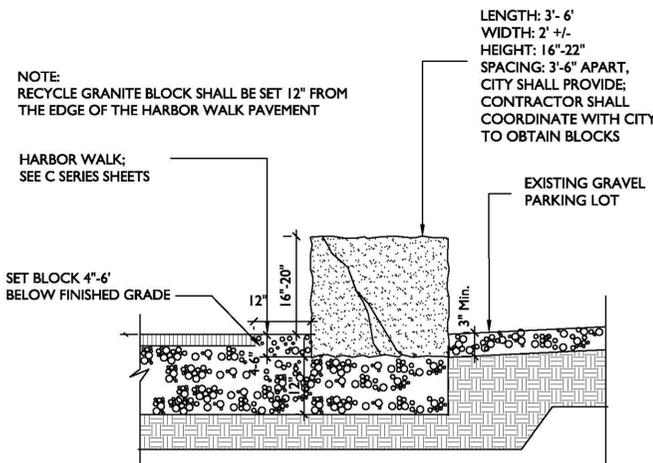
PROJ. MANAGER:
 DESIGN-DETAILED
 CHECKED-REVIEWED
 DESIGN-DETAILED
 DESIGN-DETAILED
 REVISIONS 1
 REVISIONS 2
 REVISIONS 3
 REVISIONS 4
 FIELD CHANGES

DATE	BY	SIGNATURE	P. E. NUMBER	DATE
5/25/2012			No. 130	8/23/2012

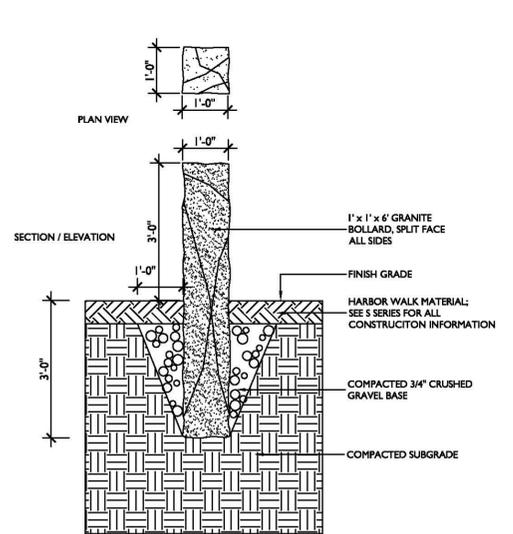
BELFAST HARBOR WALK
 PLANS
 Grading Plan for Steamboat Landing

SHEET NUMBER

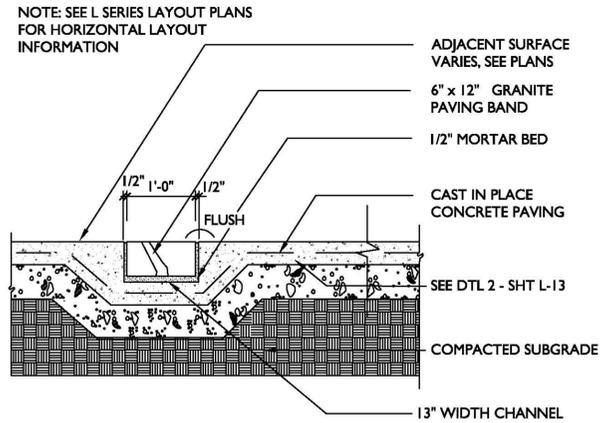
L-12a



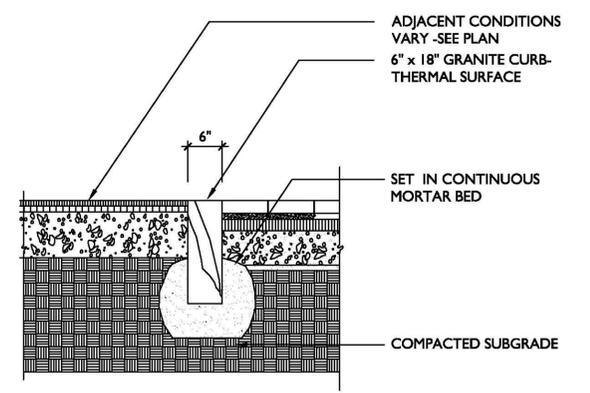
1 Recycled Granite Blocks
 L13 Scale: NTS (Pay Item 841.02)



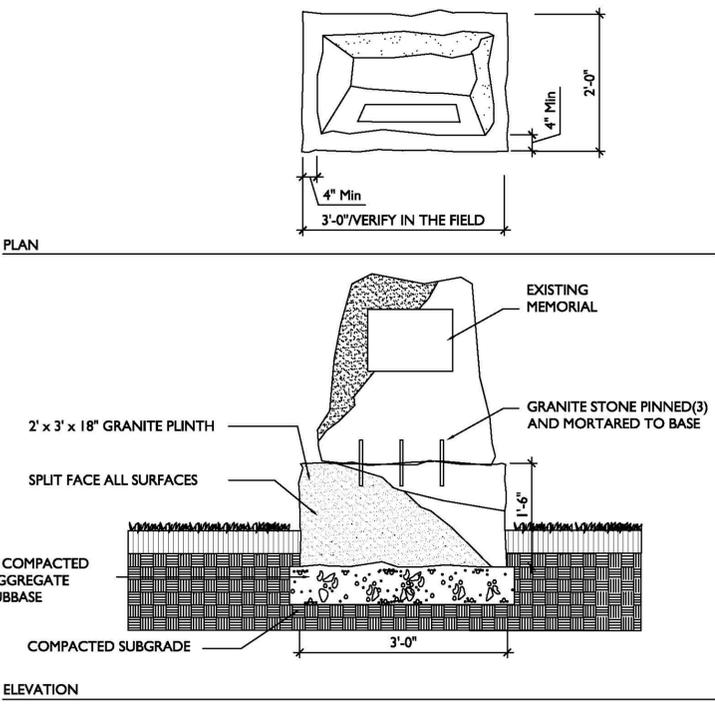
2 Granite Bollard
 L13 Scale: NTS (Pay Item 525.35)



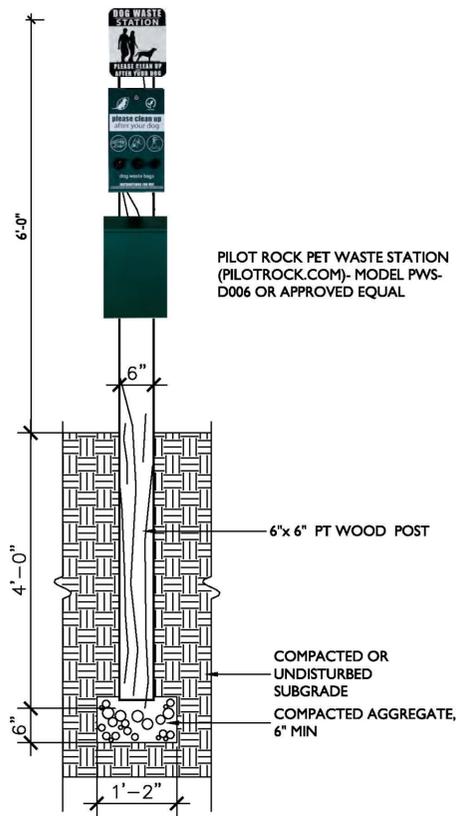
3 Granite Banding
 L13 Scale: NTS (Pay Item 609.312)



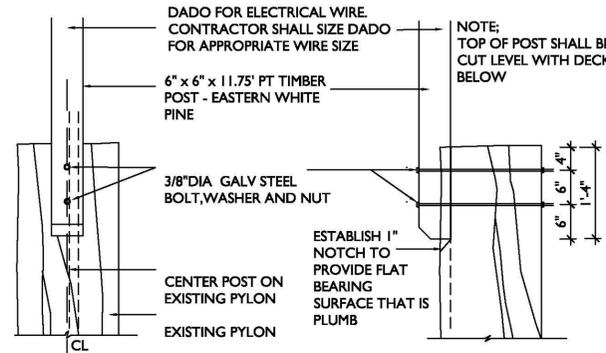
4 Granite Edging
 L13 Scale: NTS (Pay Item 609.11)



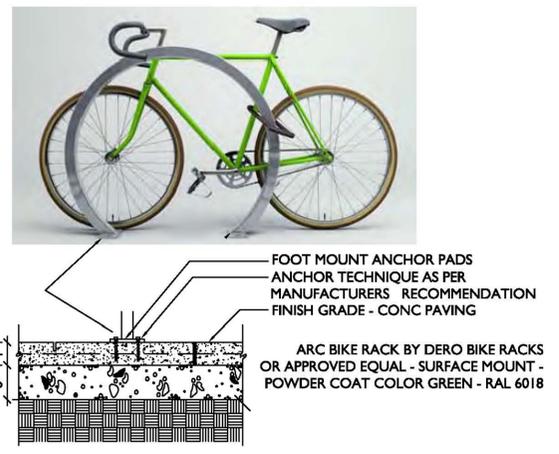
5 Granite Block Plinth
 L13 Scale: NTS (Pay Item 841.021)



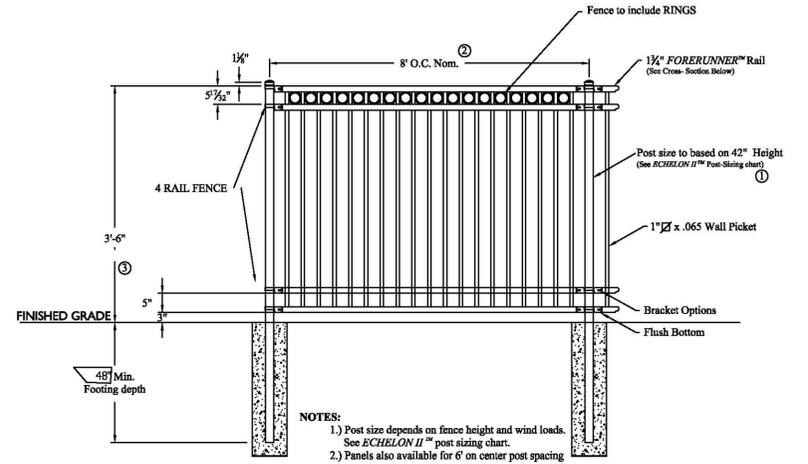
6 Dog Waste Station
 L13 Scale: NTS (Pay Item 641.93)



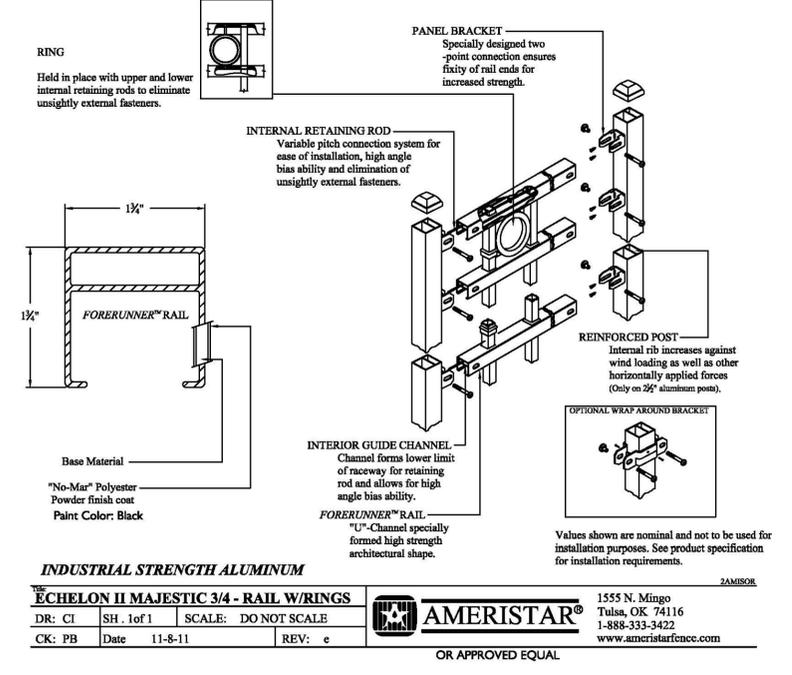
7 Wood Support for Temporary Light Fixture
 L13 Scale: NTS (Pay Item 524.302)



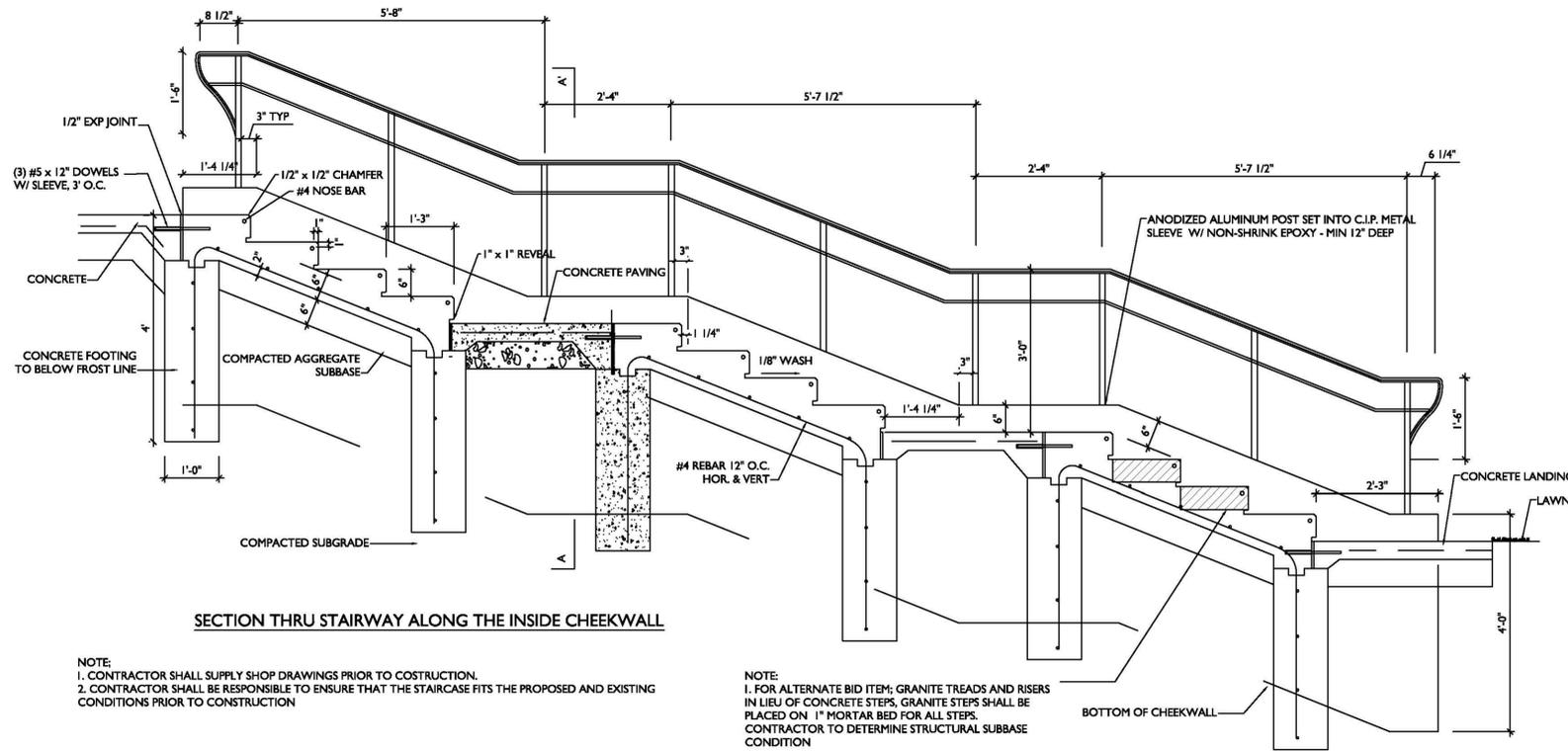
8 Bike Rack
 L13 Scale: NTS (Pay Item 890.07)



9 Alluminum Fence
 L13 Scale: NTS (Pay Item 607.44)

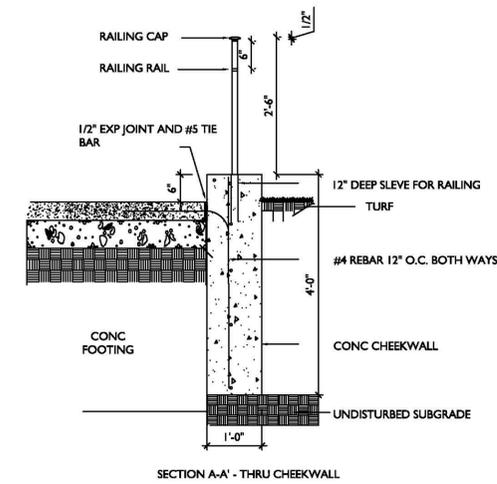


PROJ. MANAGER:	DATE:	BY:	SIGNATURE:	P. E. NUMBER:	DATE:
DESIGN-DETAILED	5/24/2012			No. 130	8/23/2012
CHECKED-REVIEWED					
DESIGN-DETAILED					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					



NOTE:
 1. CONTRACTOR SHALL SUPPLY SHOP DRAWINGS PRIOR TO COSTRUCTION.
 2. CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT THE STAIRCASE FITS THE PROPOSED AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION

NOTE:
 1. FOR ALTERNATE BID ITEM: GRANITE TREADS AND RISERS IN LIEU OF CONCRETE STEPS, GRANITE STEPS SHALL BE PLACED ON 1\"/>

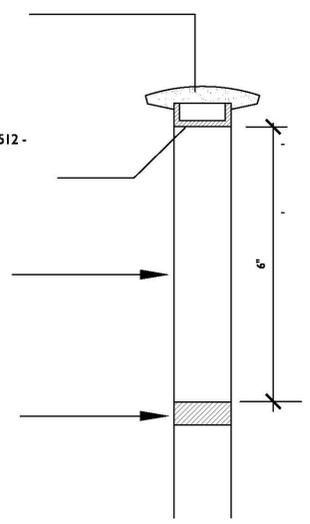


HAND RAIL CAP - WAGNER COMPANIES (OR APPROVED EQUAL)
 ALUMINUM 6063-T52,
 EXTRUDED -MILL FINISH- MODEL: H2919-
 TO BE ANODIZED -
 ATTACHED PER MANUFACTURERS RECOMMENDATION

HANDRAIL CHANNEL: WAGNER COMPANIES ALUMINUM 6063-T52 - 1/2\"/>

RAIL: 1/2\"/>

POST: 1 1/4\"/>



1 Concrete Cheek Walls, Steps, and Landings

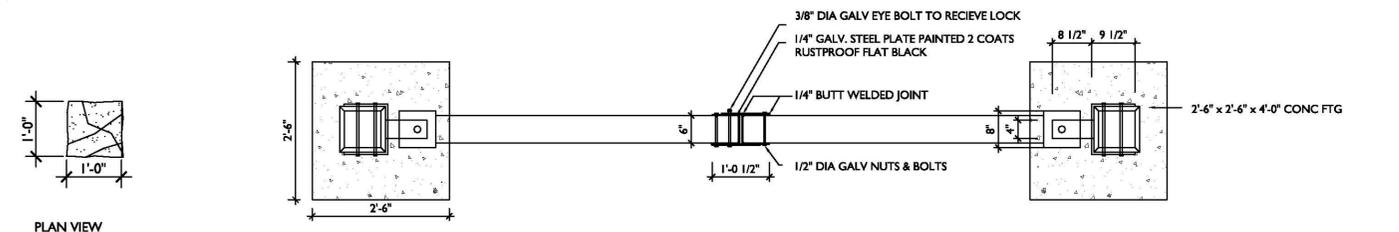
L14 Scale: NTS
 (Pay Item 642.17)

2 Section A-A' Thru Cheekwall

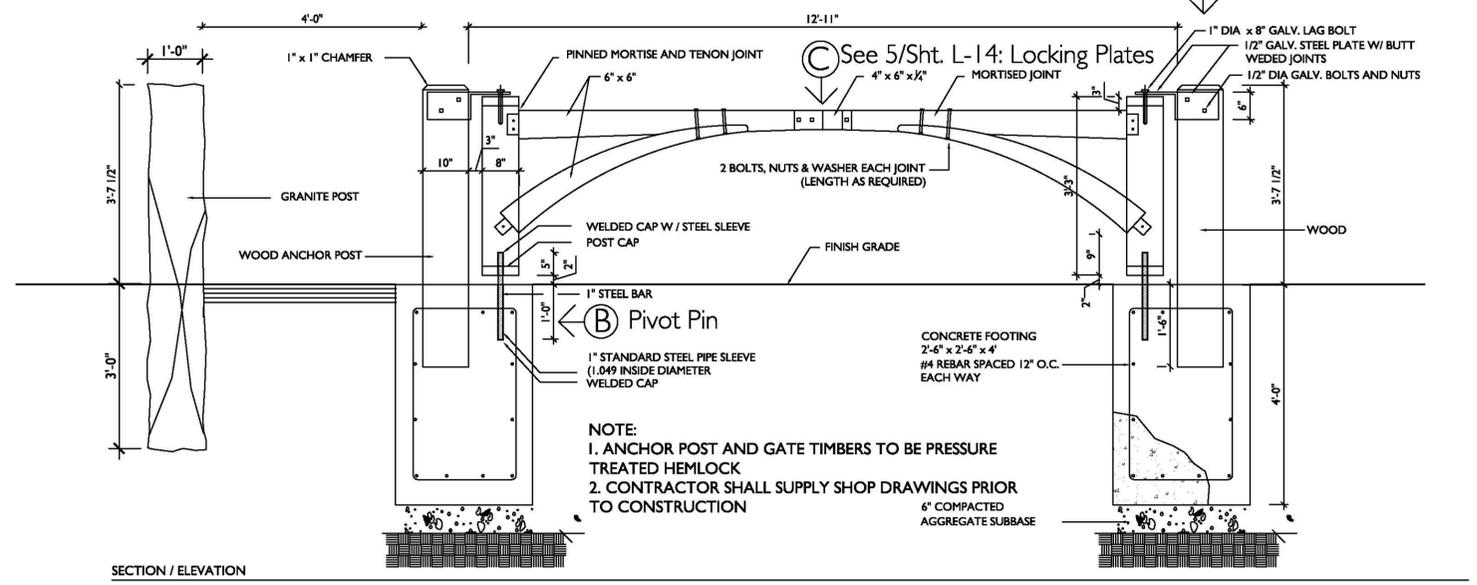
L14 Scale: NTS

3 Metal handrail

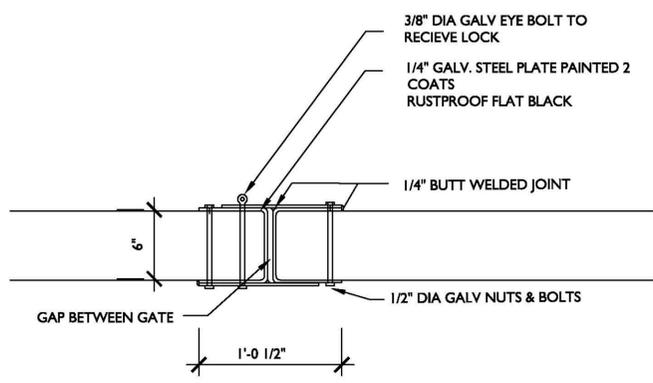
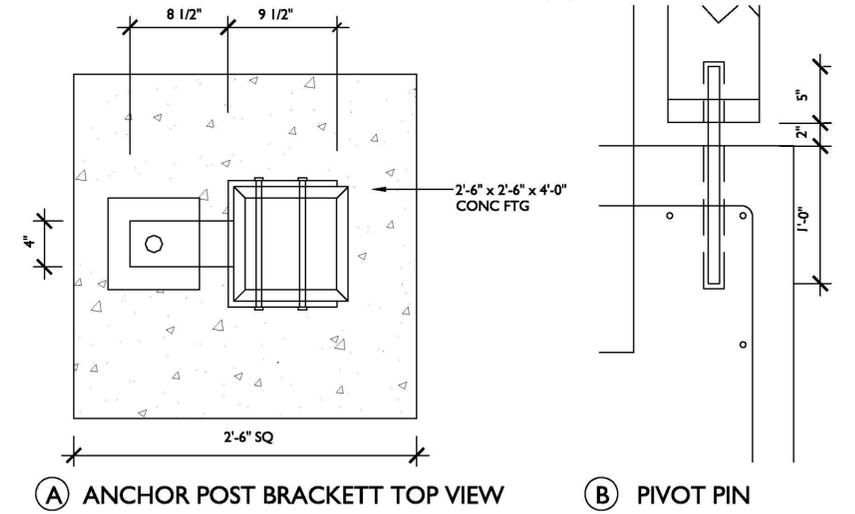
L14 Scale: NTS
 (Pay Item 507.8042)



See 5/Sht. L-14: Anchor Post Bracket Top View (A)



NOTE:
 1. ANCHOR POST AND GATE TIMBERS TO BE PRESSURE TREATED HEMLOCK
 2. CONTRACTOR SHALL SUPPLY SHOP DRAWINGS PRIOR TO CONSTRUCTION



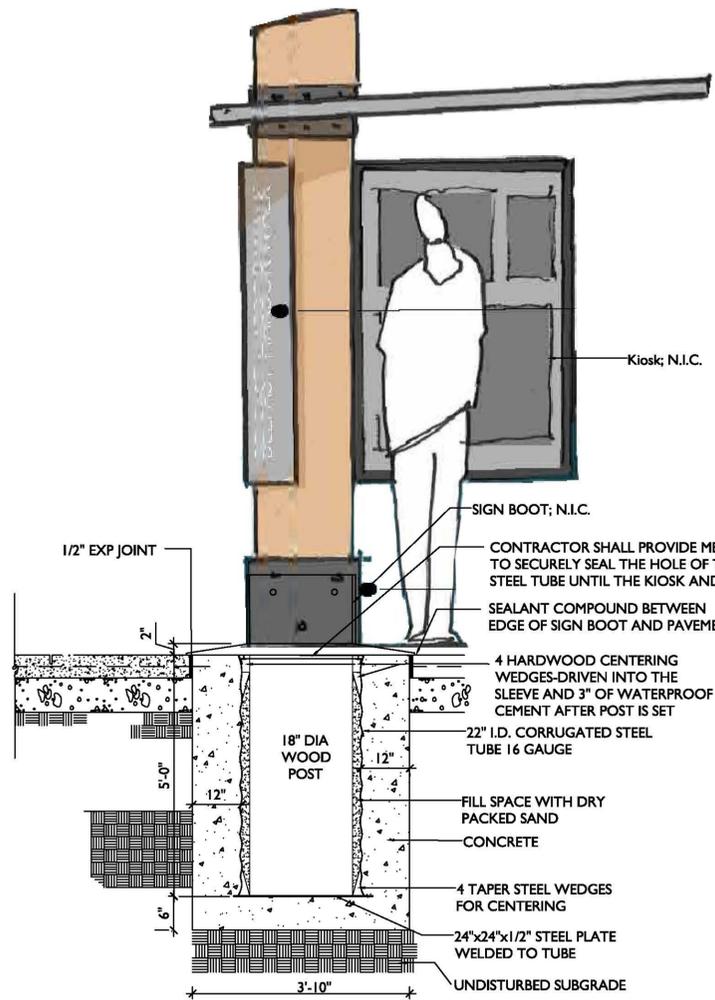
5 Wood Gate Details

L14 Scale: NTS

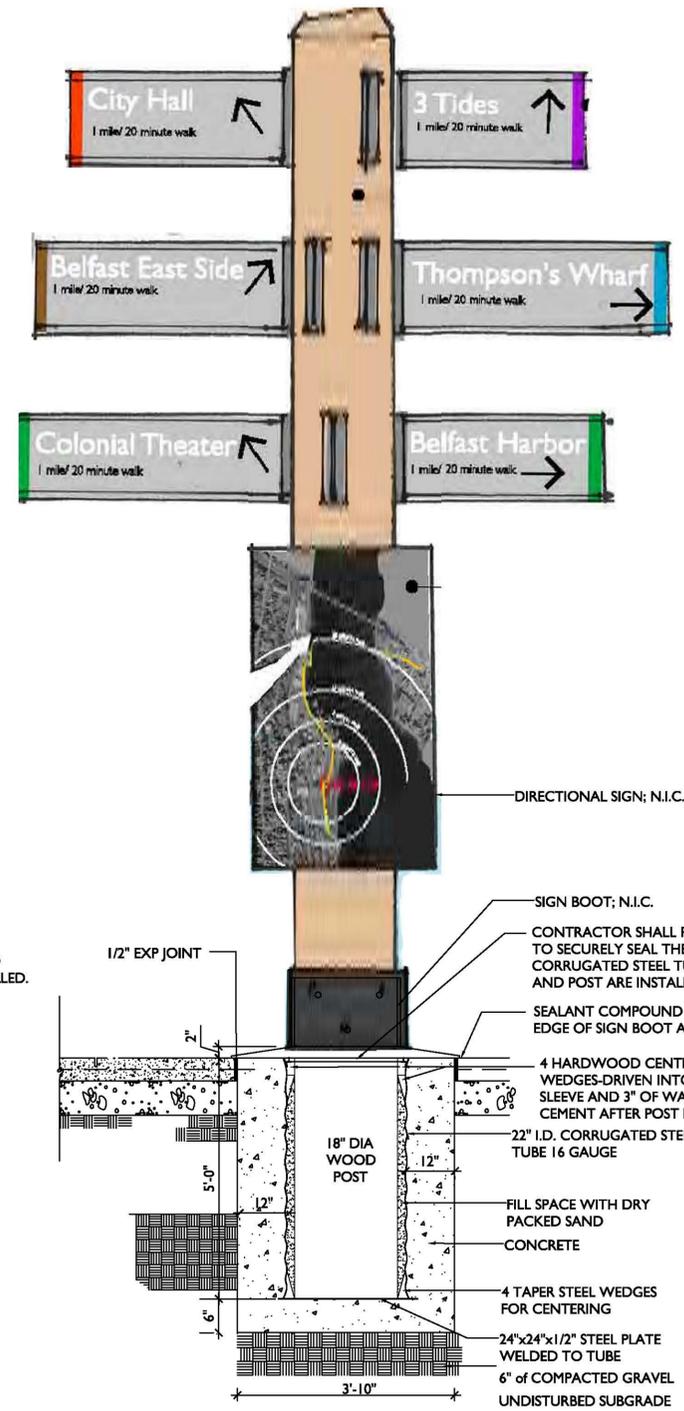
(C) LOCKING PLATES

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 Landscape Architects
 11 Middle Street, Suite, Maine 04071, 207.286.9191

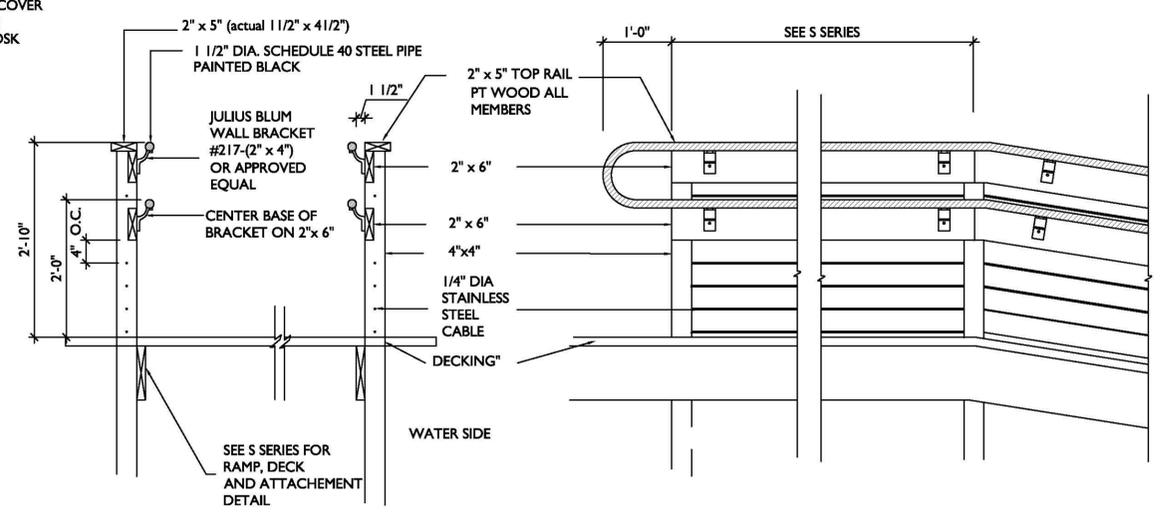
BELFAST HARBOR WALK		STP - 1760(200)X		HIGHWAY PLANS	
17602.00		DATE: 8/23/2012		P.E. NUMBER: No. 130	
SIGNATURE: [Signature]		DATE: 5/24/2012		BY: [Name]	
PROJ. MANAGER: [Name]		DESIGN-REVIEWED: [Name]		DESIGN-DETAILED: [Name]	
REVISIONS 1		REVISIONS 2		REVISIONS 3	
REVISIONS 4		FIELD CHANGES			
BELFAST HARBOR WALK		DETAILS		SHEET NUMBER	
L-14					



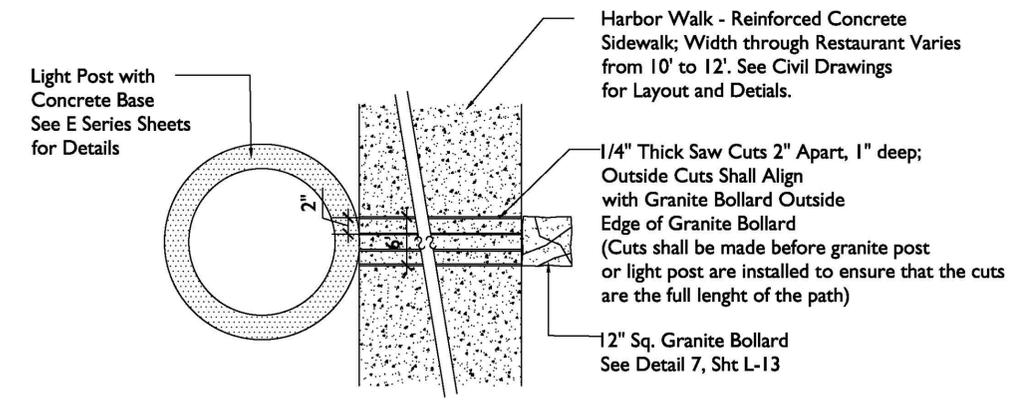
1 Kiosk Footing
 L15 Scale: NTS
 (Pay Item 626.27)



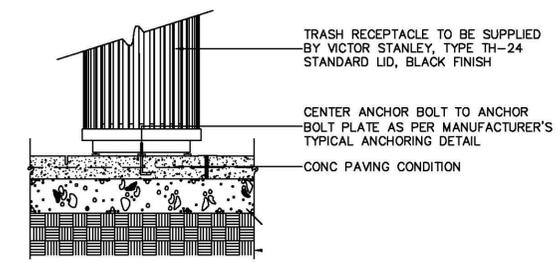
2 Directional Sign Footing
 L15 Scale: NTS
 (Pay Item 226.27)



4 HandRailing for Timber Board Walk Ramp
 L15 Scale: NTS
 (Incidental to Pay Item 528.50)

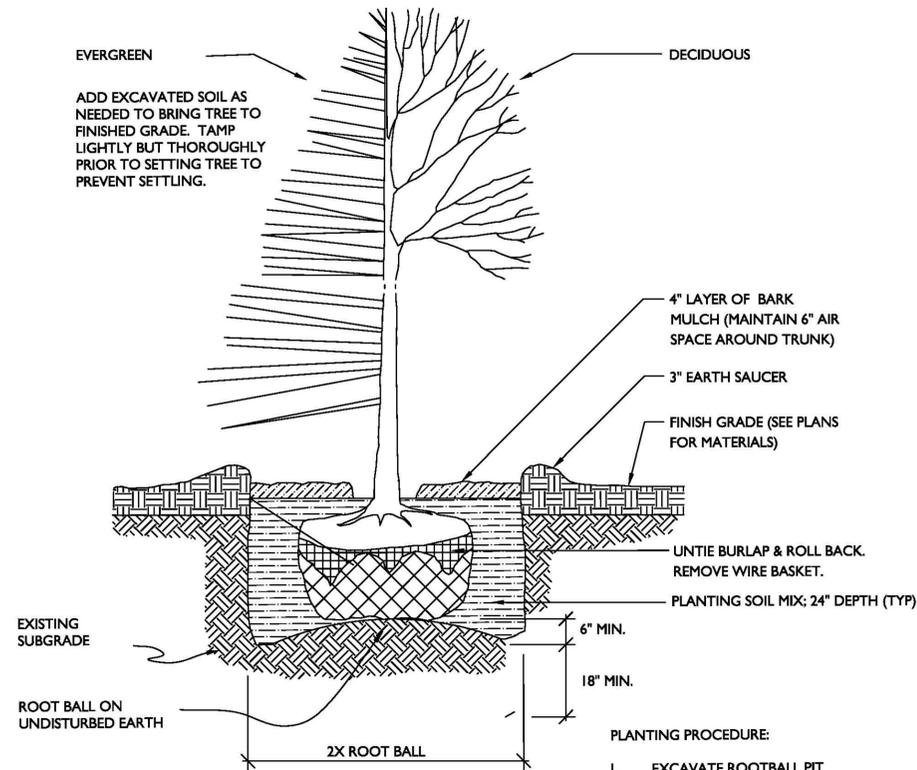


2 Saw Cut Banding in Concrete
 L15 Scale: NTS
 (Incidental to Pay Item 608.08)



3 Trash Receptacle
 L15 Scale: NTS
 (Pay Item 641.34)

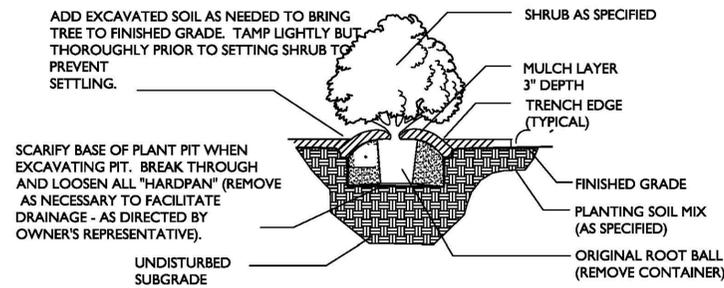
BELFAST HARBOR WALK		SHEET NUMBER	
STP - 1760(200)X		L-15	
17602.00		HIGHWAY PLANS	
PROJ. MANAGER:	DATE:	SIGNATURE:	P.E. NUMBER:
DESIGN-DETAILED:	8/24/2012		No. 130
CHECKED-REVIEWED:			DATE:
DESIGN-DETAILED:			8/23/2012
REVISIONS 1:			FIELD CHANGES:
REVISIONS 2:			
REVISIONS 3:			
REVISIONS 4:			



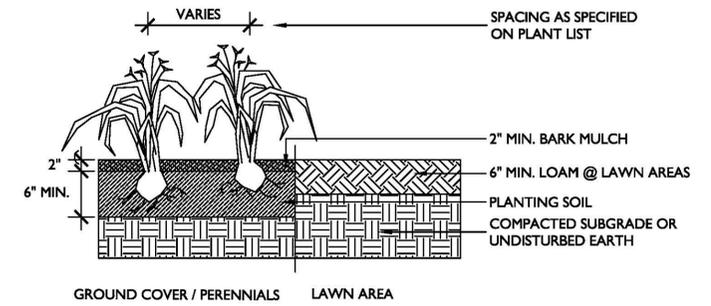
- GENERAL NOTES:
- DO NOT ALLOW AIR POCKETS TO FORM WHEN BACKFILLING.
 - IMMEDIATELY SOAK WITH WATER.
 - DO NOT BREAK ROOTBALL.
 - SET ROOTBALL AT GRADE OR MAX. 2" ABOVE GRADE.
 - IF ROOTBALL IS IN WIRE CAGE, BEND CAGE BACK FROM TOP 1/2 OF BALL.

- PLANTING PROCEDURE:
- EXCAVATE ROOTBALL PIT.
 - ADD EXCAVATED SOIL AND TAMP.
 - SET TREE SUCH THAT TOP OF ROOTBALL IS FLUSH WITH OR NO HIGHER THAN 2" ABOVE FINISHED GRADE.
 - BACKFILL W/ SOIL MIX AND WATER IN.
 - COMPLETE BACKFILLING, CONSTRUCT TRENCH EDGE & ADD SPECIFIED MULCH.
 - STAKE AND/OR GUY AS SPECIFIED.

- GENERAL NOTES:
- DO NOT ALLOW AIR POCKETS TO FORM WHEN BACKFILLING.
 - IMMEDIATELY SOAK WITH WATER.
 - DO NOT BREAK ROOTBALL.
 - SET ROOTBALL AT GRADE OR MAX. 2" ABOVE GRADE.
 - BEND WIRE CAGE BACK FROM TOP 1/4 OF ROOTBALL.

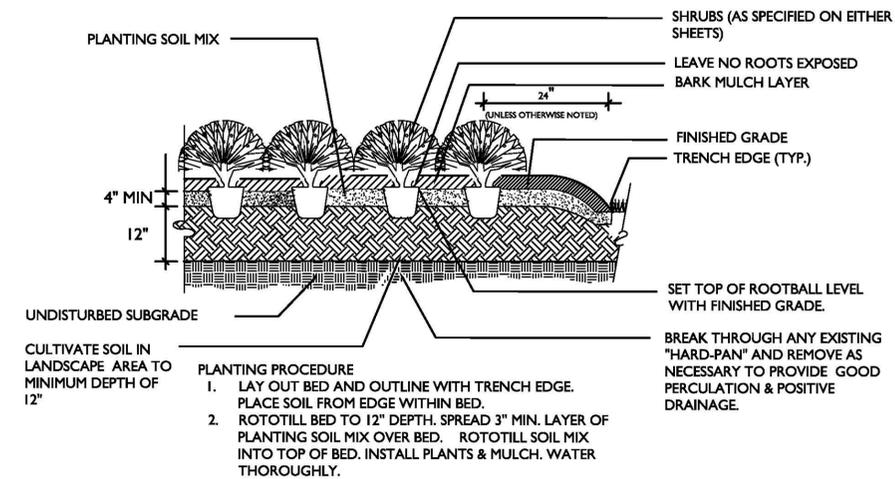


2 Typical Shrub Planting
L16 Scale: NTS



3 Groundcover / Herbaceous Planting
L16 Scale: NTS

1 Tree Planting
L16 Scale: NTS



- CULTIVATE SOIL IN LANDSCAPE AREA TO MINIMUM DEPTH OF 12"
- PLANTING PROCEDURE
- LAY OUT BED AND OUTLINE WITH TRENCH EDGE. PLACE SOIL FROM EDGE WITHIN BED.
 - ROTO TILL BED TO 12" DEPTH. SPREAD 3" MIN. LAYER OF PLANTING SOIL MIX OVER BED. ROTO TILL SOIL MIX INTO TOP OF BED. INSTALL PLANTS & MULCH. WATER THOROUGHLY.

- BREAK THROUGH ANY EXISTING "HARD-PAN" AND REMOVE AS NECESSARY TO PROVIDE GOOD PERCOLATION & POSITIVE DRAINAGE.

4 Mass Shrub Plantings
L16 Scale: NTS

BELFAST HARBOR WALK

STP - 1760(200)X

17602.00

HIGHWAY PLANS

PROJ. MANAGER: [Signature]

DATE: 5/24/2012

BY: [Signature]

SIGNATURE

P.E. NUMBER No. 130

DATE 8/23/2012

DESIGN-DETAILED

CHECKED-REVIEWED

DESIGN-DETAILED

DESIGN-DETAILED

REVISIONS 1

REVISIONS 2

REVISIONS 3

REVISIONS 4

FIELD CHANGES

BELFAST HARBOR WALK

DETAILS

SHEET NUMBER

L-16

Richardson & Associates, Landscape Architects
11 Middle Street, Suite 1000, Portland, ME 04102-2072, Tel: 207.286.9291, Fax: 207.286.9650