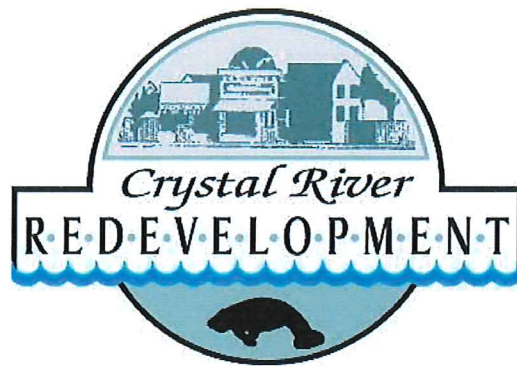


Community Redevelopment Agency



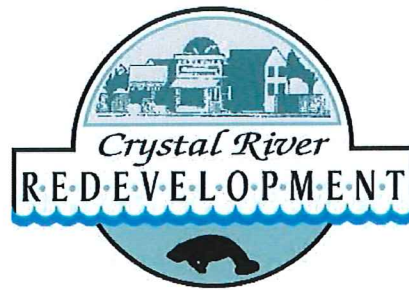
Agenda Packet
for
CRA Meeting
Monday, May 23rd, 2016
6:00 p.m.



Agenda
Community Redevelopment Agency
Regular Meeting
Monday, May 23rd, 2016 @ 6:00 p.m.
Council Chamber, City Hall

1. **CALL TO ORDER**
2. **ADOPTION OF AGENDA**
3. **PRESENTATIONS**
 - A. *Riverwalk Concepts*
4. **UNFINISHED BUSINESS**
5. **APPROVAL OF CONSENT AGENDA**
 - A. *Approve Minutes of CRA Meeting held May 9th, 2016*
6. **PUBLIC INPUT**
7. **CRA ATTORNEY**
8. **CRA ADMINISTRATOR**
 - A. *Motion to approve Resolution No. 16-R-12 appropriating \$13,500 for the enhancements to the Coastal Heritage Museum*
 - B. *Discussion and consensus on moving beyond 30% drawings of the Crystal River Riverwalk*
 - C. *Information and discussion on design treatments and materials for the Crystal River Riverwalk*
9. **COMMUNICATIONS**
10. **BOARD MEMBERS COMMENTS**
 - A. *Jim Farley, Chair*
 - B. *Mike Gudis, Vice Chair*
 - C. *Andy Houston*
 - D. *Ken Brown*
 - E. *Robert Holmes*
11. **PUBLIC INPUT**
12. **ADJOURNMENT**

Community Redevelopment Agency



Minutes of
Community Redevelopment Agency
Meeting held
Monday, May 9th, 2016
@ 6:00 p.m.



**Minutes of the
Community Redevelopment Agency
Regular Meeting
Monday, May 9th, 2016 @ 6:00 p.m.
Council Chamber, City Hall**

1. CALL TO ORDER

Chairman Farley called the meeting to order at 6:00 p.m.

Board members present: Chairman Farley, Vice Chairman Gudis, Board member Houston, Board member Holmes

Board members absent: Board member Brown

2. ADOPTION OF AGENDA

Motion to adopt the agenda was made by Vice Chairman Gudis; seconded by Board member Houston. Motion carried unanimously.

3. PRESENTATIONS

A. Riverwalk Concepts.....City Manager Burnell
CRA Administrator Burnell presented on proposed Riverwalk concepts (ATTACHED) seeking Board input regarding gateways, materials and other design elements of the project. He addressed Board questions and comments pertaining to theme, configuration, costs and safety elements. He also confirmed that once the 30% design proposal has been approved, which could happen as soon as the next meeting, the city can move forward with permitting.

4. UNFINISHED BUSINESS

5. APPROVAL OF CONSENT AGENDA

A. Approve Minutes of CRA Meeting held April 25th, 2016

Motion to approve the consent agenda was made by Board member Houston; seconded by Board member Holmes. Motion carried unanimously.

6. PUBLIC INPUT

Dee Atkins- 3851 N. Nokomis Point- Provided input regarding Riverwalk design element preferences, favoring the less expensive railing materials.

Marcia Chesnicka- 175 N West Bay Path- Commented on potential challenges in shading portions of the Riverwalk.

7. CRA ATTORNEY

8. CRA ADMINISTRATOR

A. Motion to approve proposed Coastal Heritage Museum Enhancements
Background: Agenda Sheet **Requested Motion:** Motion to approve proposed Coastal Heritage Museum Enhancements.

Summary: The Coastal Heritage Museum will be celebrating their 30 year Anniversary on July 3, 2016. To honor their anniversary Council approved staff to move forward with some enhancements. Staff met with the Heritage Museum staff and propose the following proposed improvements:

- Kiosk/bulletin board
- Trash receptacle
- Pergola/Arbor with shaded seating
- Minor paint/lighting repairs to the front on the building
- Brick pavers – courtyard
- Decorative split rail fencing with landscaping

Attached please find a schematic with the locations for these improvements. Staff would appreciate Council selecting one of the two demonstrated arbors along with the conceptual drawing and will come back for funding approval at the next meeting.

Staff Recommendation: Staff recommends approval of the attached conceptual drawing of the Enhancements to the Coastal Heritage Museum. End of Agenda Sheet]

CRA Administrator Burnell provided a brief overview of the item and addressed Board questions regarding cost sharing and estimated total cost, which had not yet been determined.

Motion to approve proposed Coastal Heritage Museum Enhancements was made by Board member Holmes; seconded by Board member Houston.

CRA Administrator Burnell confirmed that the project would include cleaning the exterior of the building.

Motion carried 4-0.

B. Motion to approve City Hall Wall Mural Concept design and authorize funding in an amount up to \$8,568.00

Background: [Agenda sheet **Requested Motion:** Motion to approve City Hall Wall Mural Concept design and authorize funding in an amount up to \$8,568.00.

Summary: Staff received the requested concept sketch of a Council Chamber mural from artist Polly Hillgert. The theme of the concept sketch is industrial fishing village with historical references. The mural size would be 34 feet by 12 feet (408 square feet). The total estimated cost of the mural is \$8,568.00.

Staff Recommendation: Staff recommends finding a lower cost provider of services. End of Agenda Sheet]

City Manager Burnell provided an overview of the item, noting the cost. Chairman Farley and Board member Houston spoke highly of the piece but were not in favor of the cost. Discussion was held regarding retaining the proposal for future projects and technology-related Council chamber upgrades.

Board consensus was reached for staff to seek out loaned pieces from local artists to display in the chambers.

Motion for staff to take no action on the item was made by Board member Houston; seconded by Vice Chairman Gudis. Motion carried 4-0.

9. COMMUNICATIONS

CRA Administrator Burnell confirmed that Board members would be provided with presentation materials on the Riverwalk 30% Proposal well before the next meeting.

Vice Chairman Gudis commented on the progress being made on the Hunter's Springs Park project.

10. BOARD MEMBERS COMMENTS

A. *Jim Farley, Chair*

B. *Mike Gudis, Vice Chair*

C. *Andy Houston*

D. *Ken Brown*

E. *Robert Holmes*

11. PUBLIC INPUT

Mary Morgan-Smith- 124 N. Citrus Avenue- Commented on the Hunter's Springs Park Project, observations of vandalism to split-rail fencing installed in City right-of-ways, and requested information regarding the Bayside Vision plan presented during the previous Council meeting.

CRA Administrator Burnell reviewed specific elements of the Bayside Master plan and provided explanation of the general purpose.

CRA Administrator Burnell addressed Council questions and comments regarding safety elements, increased connectivity, and potential improvements for Highway 19.

Joe Chrietzberg- 304 NW Crystal Street- Commented on the need for Riverwalk nighttime security provisions, restroom facilities and trash receptacles, as well as tidal considerations.

Captain Mike Dunn- 1223 N. Circle Drive- Proposed the development of a restroom facility on Christmas Island, and relocating markers 29 and 30 to ensure vessels do not run aground.

Board member Holmes noted that Mr. Chrietzberg's previous comment should be kept in mind throughout the budget process. Board member Houston added that the Riverwalk could have hours similar to the parks, which close at dark.

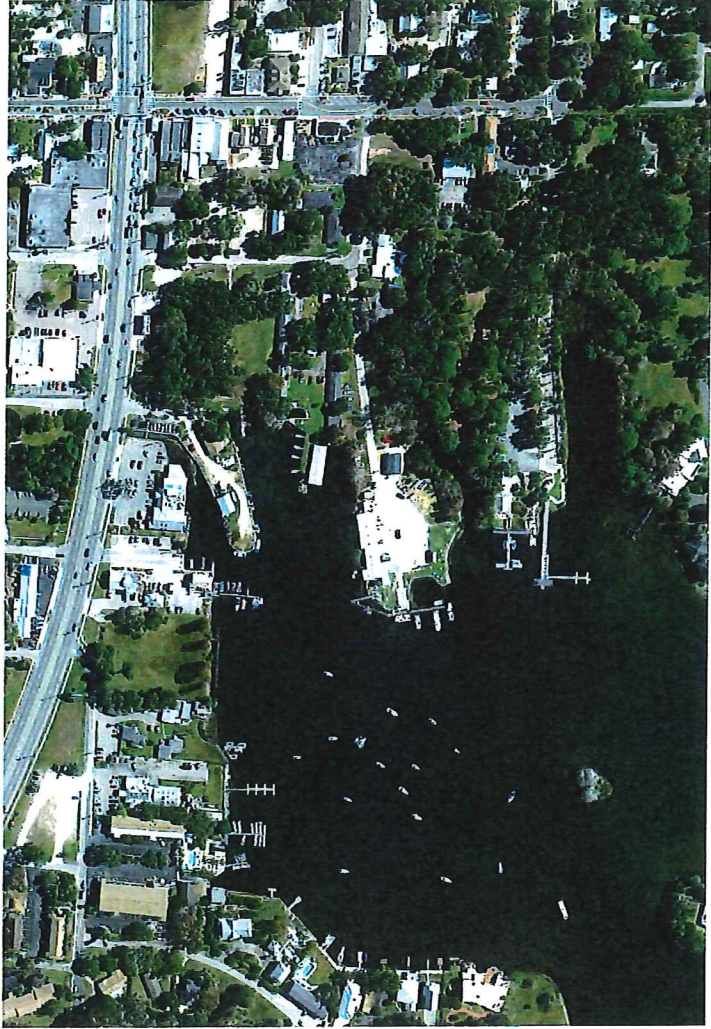
12. ADJOURNMENT

Chairman Farley adjourned the meeting at 6:41 p.m.



KING'S BAY RIVER WALK

PROPOSED TREATMENTS



CONSTRUCTION DOCUMENTS
30% SUBMITTAL - DRAFT

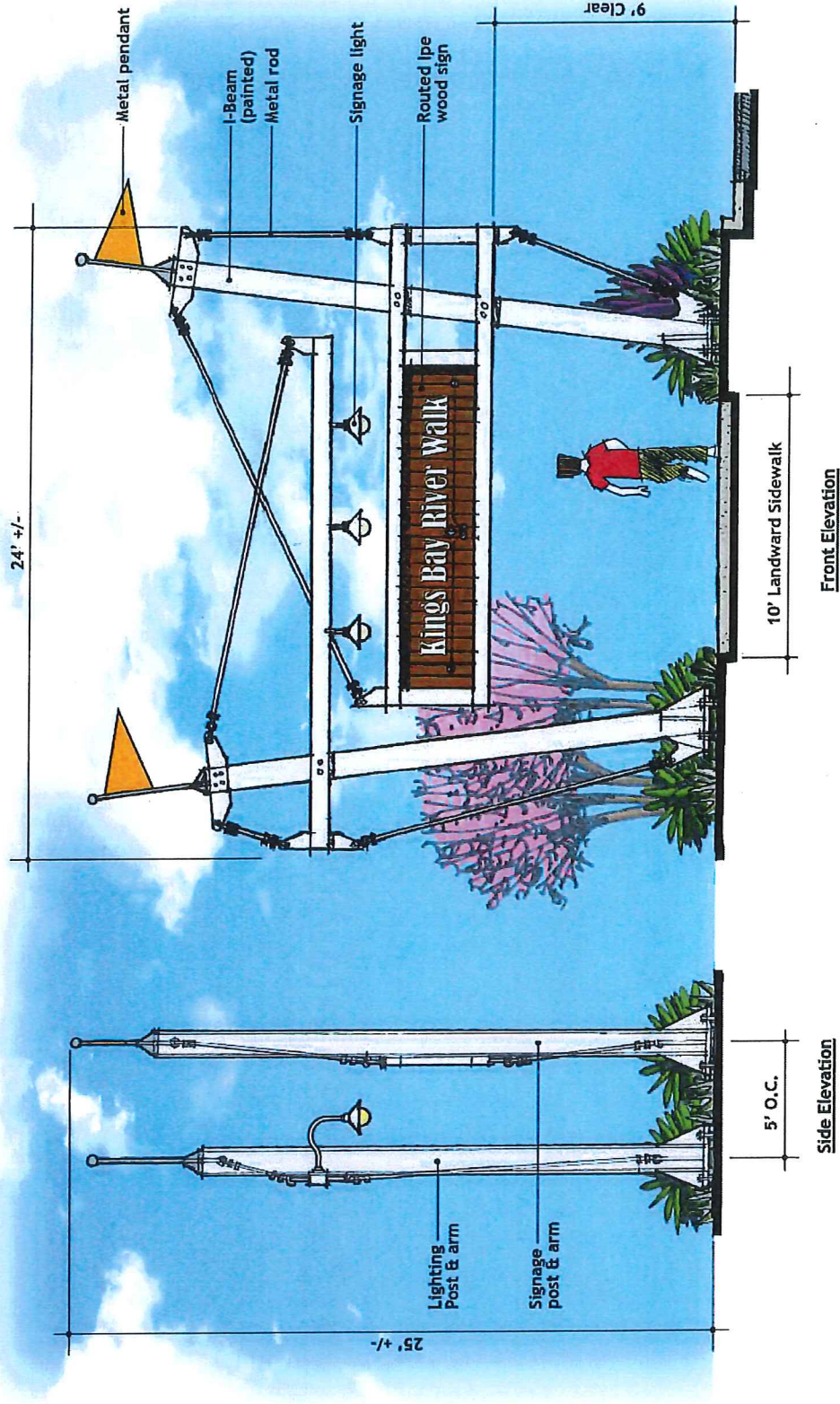
MAY 5, 2016

PREPARED FOR:
THE CITY OF CRYSTAL RIVER, FLORIDA

PREPARED BY:

Michael G. Czerwinski, P.A.
ENVIRONMENTAL CONSULTANTS MGC
PHIL GRAHAM
CONSULTANTS
AMRES ASSOCIATES
HALL L
ARCHITECTS
The Ash Group, Inc.

MAIN ENTRANCE SIGNAGE – TIER 1



Front Elevation
Section Elevation

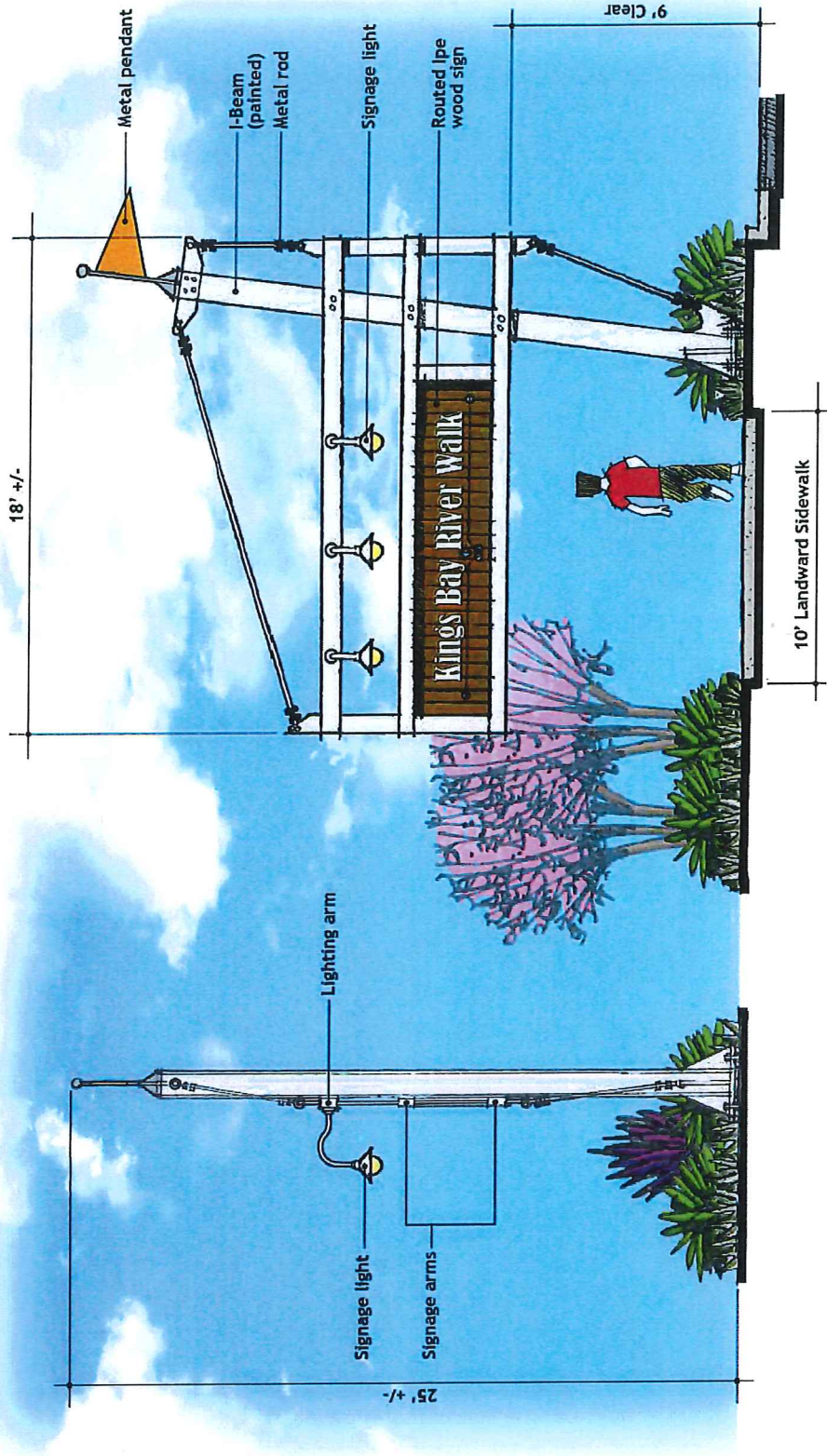
Side Elevation

KING'S BAY RIVER WALK

Michael G. Czerwinski, P.A.
ENVIRONMENTAL CONSULTANTS JMG
 Phil Graham
 AVRES ASSOCIATES
 H&L
 The Ash Group, Inc.



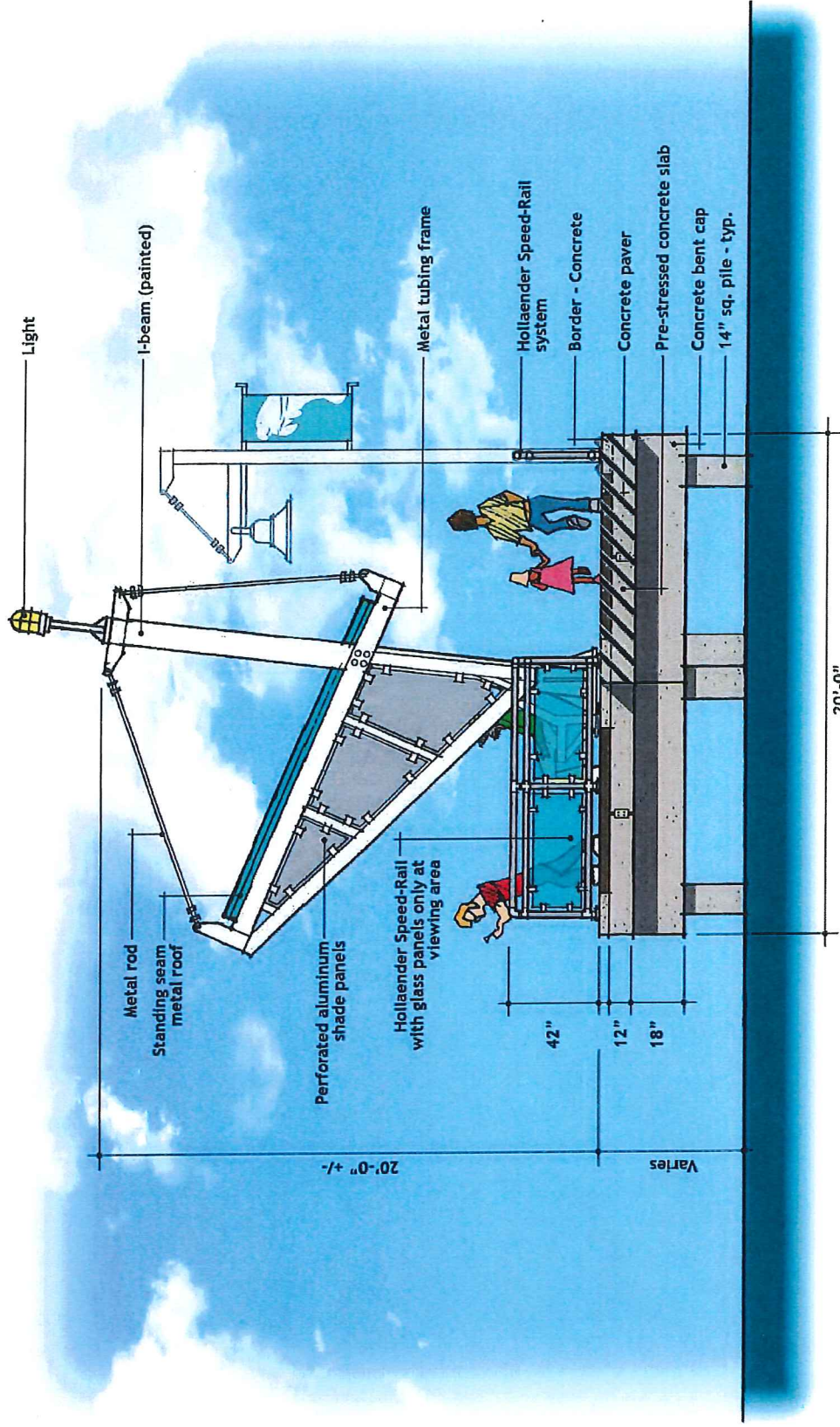
MAIN ENTRANCE SIGNAGE – TIER 2



KING'S BAY RIVER WALK

Michael G. Czerwinski, P.A.
ENVIRONMENTAL CONSULTANTS MGC
 Phil Graham
 AVRES ASSOCIATES
 The ASH Group, Inc.

WATER SIDE VIEWING AREA (END VIEW) – TIER 1

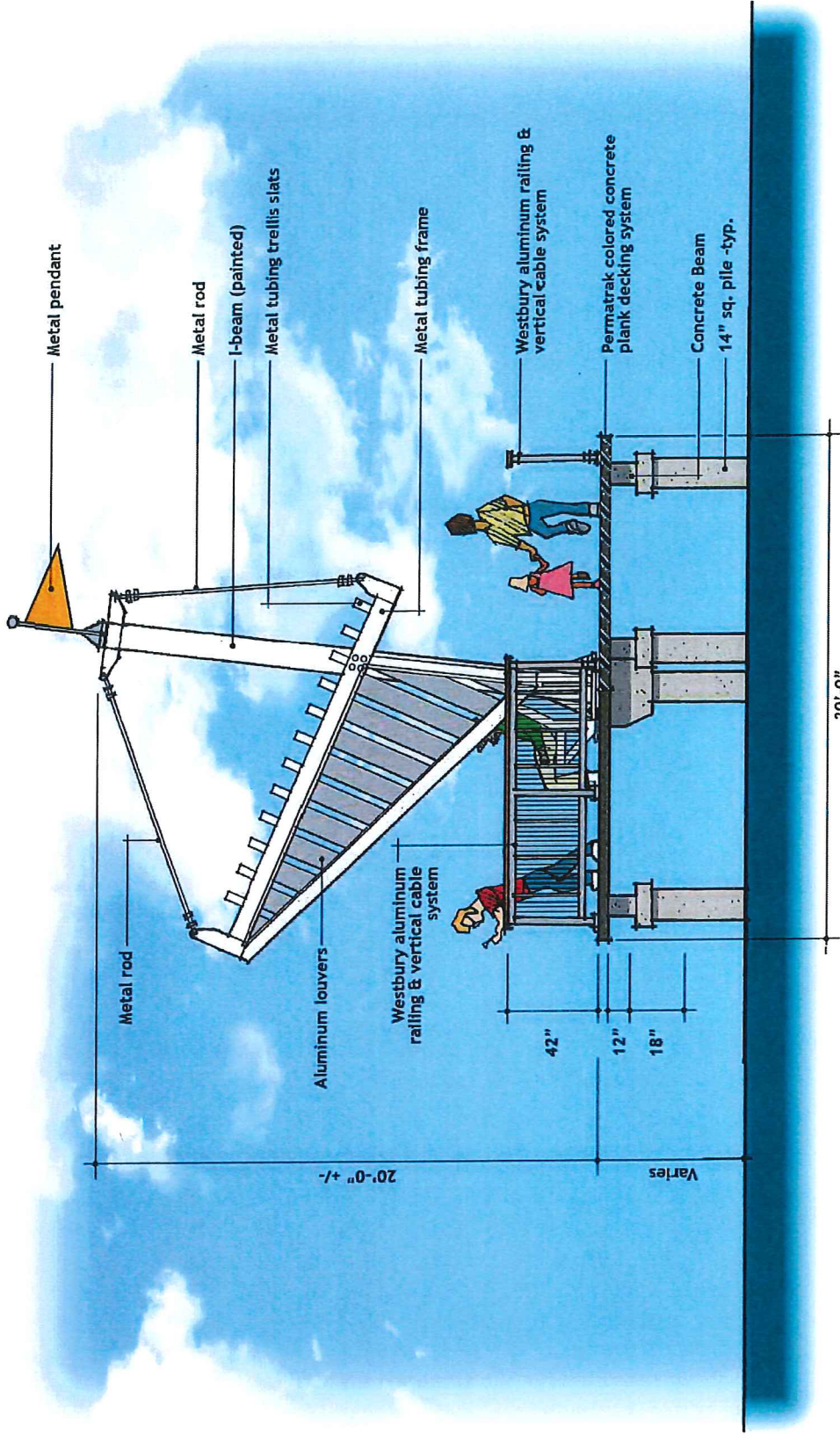


Section Elevation

KING'S BAY RIVER WALK



WATER SIDE VIEWING AREA (END VIEW) – TIER 2



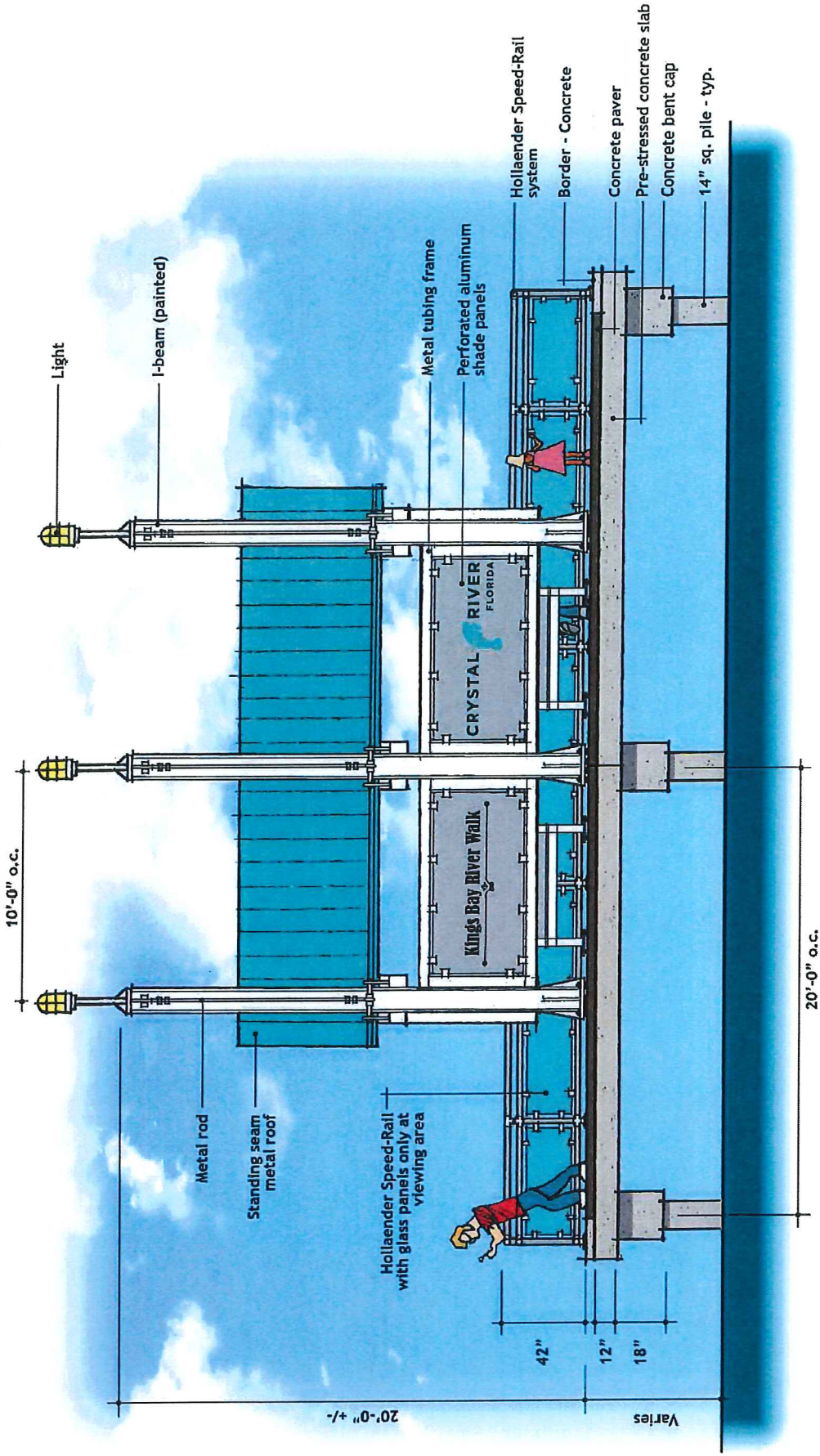
Section Elevation

Michael G. Czerwinski, P.A.
ENVIRONMENTAL CONSULTANTS MGC
 Phil Graham
AVRES ASSOCIATES
 The ASH Group, Inc.

KING'S BAY RIVER WALK



WATER SIDE VIEWING AREA (REAR VIEW) – TIER 1



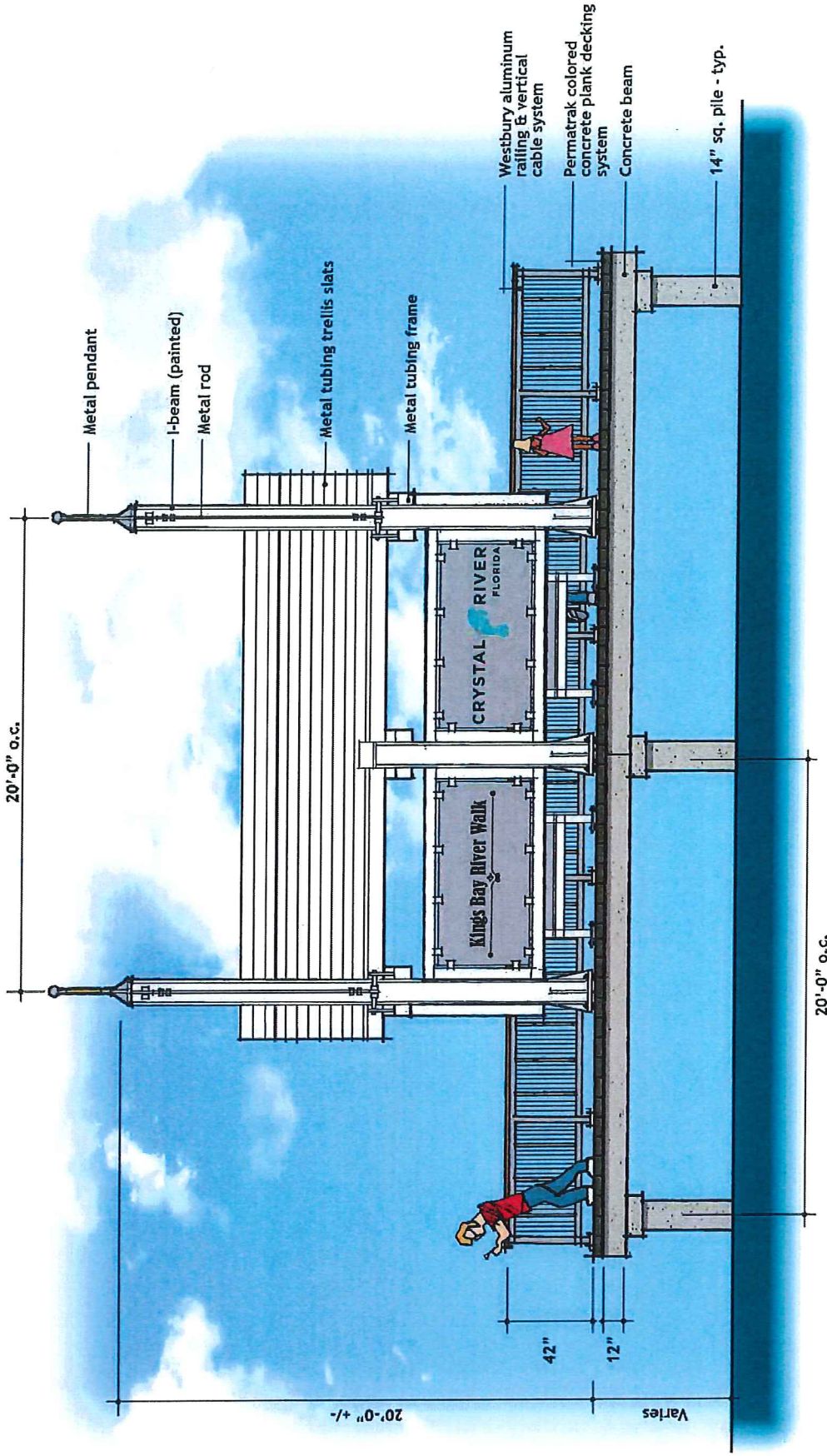
Elevation*

* Foreground railing has been left off for presentation purposes.

KING'S BAY RIVER WALK



WATER SIDE VIEWING AREA (REAR VIEW) – TIER 2



Elevation*

* Foreground railing has been left off for presentation purposes.

Michael G. Czerwinski, P.A.
ENVIRONMENTAL CONSULTANTS MGC
 Phil Graham
 AVRES ASSOCIATES
 a/b/c
 A Division of
 The ASB Group, Inc.

KING'S BAY RIVER WALK



LAND SIDE WALK SURFACE

TIER 1

Manufacturer
WAUSAU
Model/ Style
PLANK PAVER
Source
LOCAL DISTRIBUTOR
Material
CONCRETE PAVER (8K PSI)
CONCRETE BORDER (3K PSI)
Finish
WOOD TEXTURE
Color
GREY OR TAN
Lifespan
+50 YEARS
Maintenance
LOW
Warranty
2 YEARS
Unit Cost
\$ 14.00 (SF) PAVERS
\$ 6.00 (SF) BORDER
Total Cost
\$ 498,000.00



TIER 2

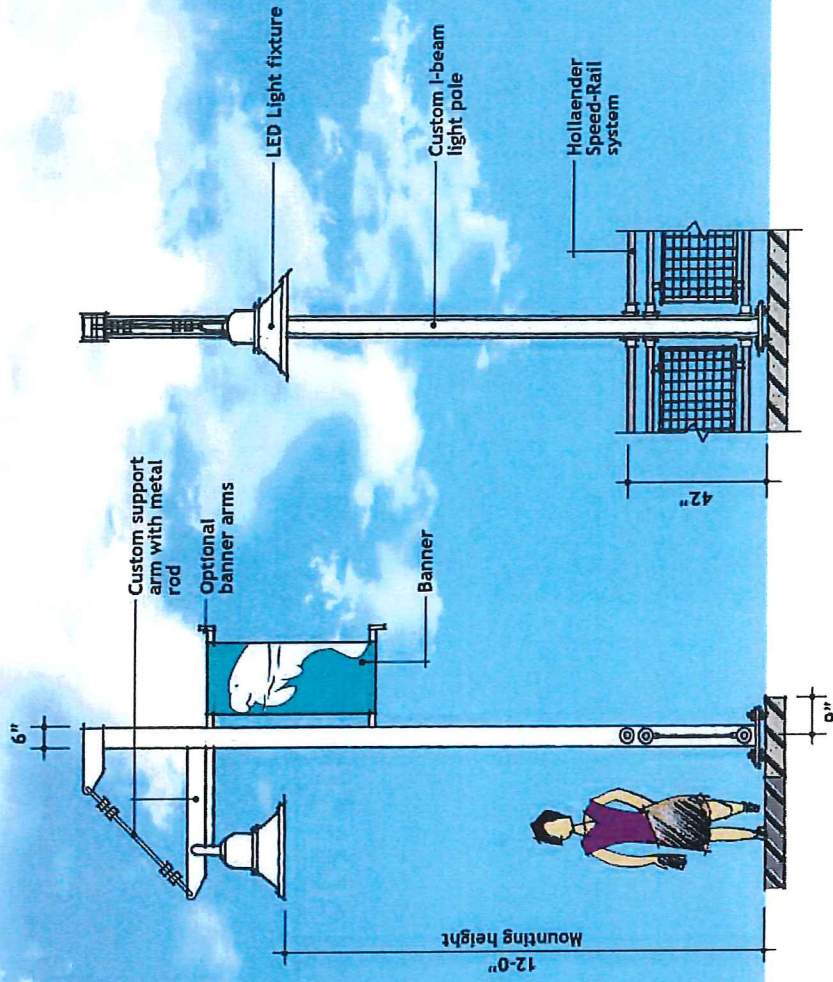
Manufacturer
AWAITING DATA
Model/ Style
STAMPED CONCRETE SLAB
Source
LOCAL DISTRIBUTOR
Material
CONCRETE FIELD (3K PSI)
CONCRETE BORDER (3K PSI)
Finish
REINFORCED CONCRETE TOP
Color
INTEGRATED COLOR
GREY OR TAN
Lifespan
+50 YEARS
Maintenance
AWAITING DATA
Warranty
AWAITING DATA
Unit Cost
\$ 9.00 (SF) FIELD
\$ 6.00 (SF) BORDER
Total Cost
\$ 373,500.00



KING'S BAY RIVER WALK



TYPICAL AREA LIGHTING & RAIL – TIER 1



Front Elevation

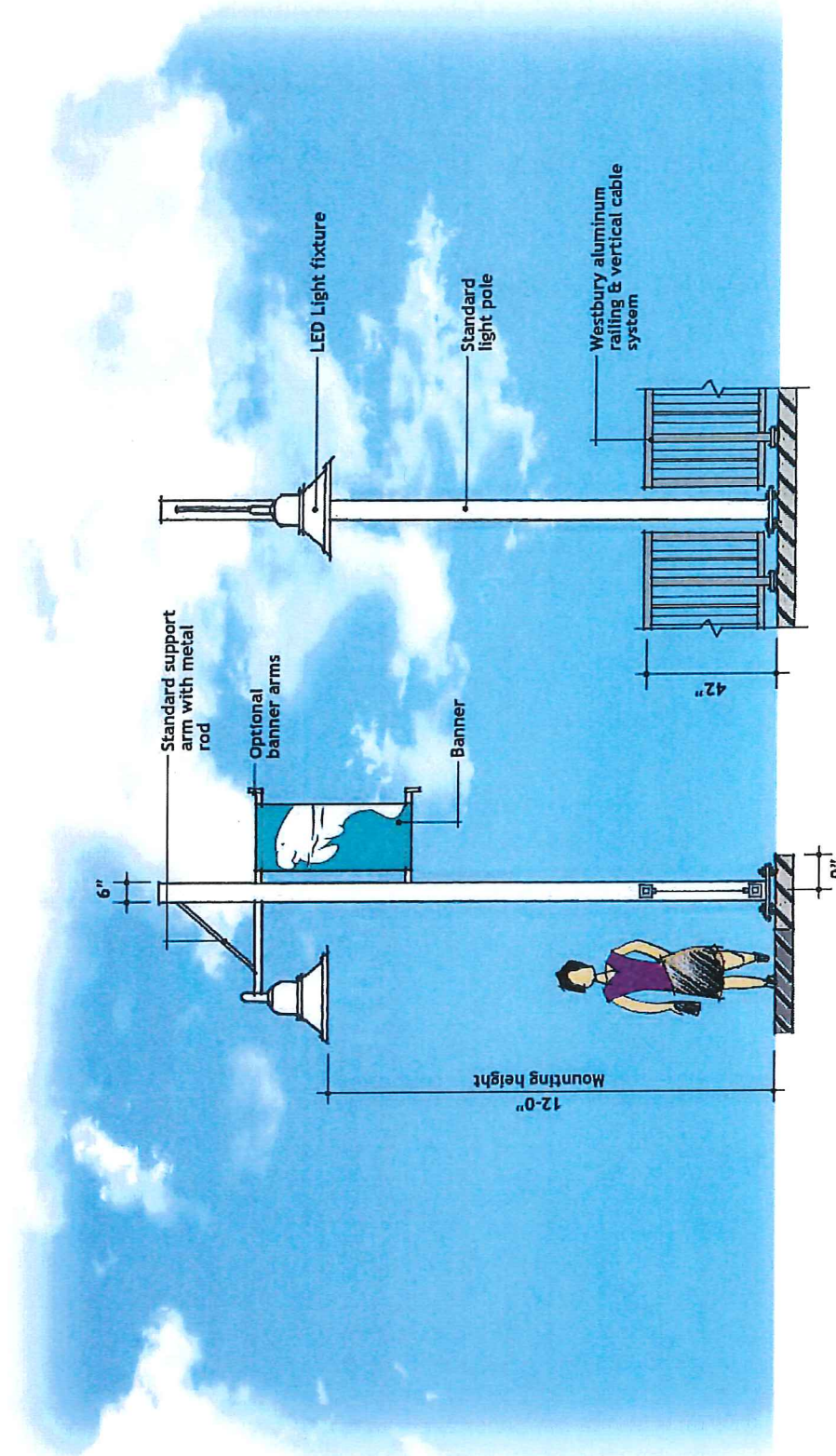
Section Elevation

Side Section



KING'S BAY RIVER WALK

TYPICAL AREA LIGHTING & RAIL – TIER 2



Side Section

Front Elevation

Section Elevation

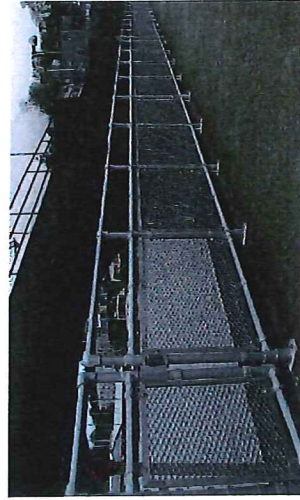


KING'S BAY RIVER WALK

WATER SIDE RAIL & GATES (SYSTEM)

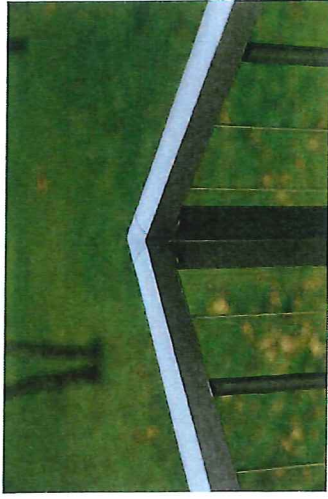
TIER 1

Manufacturer
HOLLAENDER
Model/ Style
SPEEDRAIL
Source
LOCAL DISTRIBUTOR
Material
ALUMINUM PIPE
CUSTOM SLIP ON FITTINGS
LIGHTWEIGHT, DURABLE
Finish
MILL, ANODIZED OR
POWDER COAT
Color
SILVER
Lifespan
AWAITING DATA
RESISTS LOOSENING
Maintenance
AWAITING DATA
Warranty
10 YEARS
Unit Cost
\$ 175.00 (LF)
Total Cost
\$ 547,050.00



TIER 2

Manufacturer
WESTBURY
Model/ Style
VERTICABLE
Source
LOCAL DISTRIBUTOR
Material
ALUMINUM SQUARE TUB
ALUMINUM DOWEL
STAINLESS STEEL CABLE
Finish
TEXTURED
Color
BLACK
Lifespan
AWAITING DATA
Maintenance
AWAITING DATA
Warranty
30 YEARS
Unit Cost
\$ 115.00 (SF)
Total Cost
\$ 359,500.00



COMMUNITY REDEVELOPMENT AGENCY

Agenda Item Summary

Meeting Date: May 23, 2016

Agenda Item Number: 8A

Requested Motion: Motion to approve Resolution No. 16-R-12 appropriating \$13,500 for the enhancements to the Coastal Heritage Museum.

Summary: Below you will find a breakdown of costs involved in the repair and enhancement of the Heritage Museum property. As explained during the last meeting, there are repairs over and above the enhancements that need attention which include the roof and bathroom repairs. All exterior improvements will be complete by the July 3, 2016 celebration.

Demolition	\$ 500	Roof and flashing repairs	\$ 3,500
Contingency	\$ 1,000	Bathroom repairs	<u>\$ 1,000</u>
New pavers and edgings	\$ 3,500		
Fence and landscaping	\$ 1,500		
Bench with back and roof	\$ 1,500		
Bulletin Board kiosk	\$ 1,000		
Total Enhancement:	\$ 9,000	Total Repairs:	\$ 4,500

Staff Recommendation: Approval

Funding Information:

Project Cost: \$13,500.00
Funding Source: 601-61552-63000 (CRA Improve Other than Bldgs – Miscell & Grants)
Amount Available: \$100,000.00

Finance Department Approval: Michelle Russell

Approvals: [Signature] [Signature] _____
Originating Department **CRA Administration** **CRA Attorney (if applicable)**

Attachments: Resolution No. 16-R-12

CRA Board Action:

Approved _____ Denied _____ Deferred _____ Other _____

RESOLUTION 16-R-12

**A RESOLUTION OF THE COMMUNITY REDEVELOPMENT AGENCY OF
THE CITY OF CRYSTAL RIVER, FLORIDA
APPROPRIATING A TOTAL SUM OF \$13,500 FROM THE COMMUNITY
REDEVELOPMENT AGENCY IMPROVEMENTS OTHER THAN BUILDINGS
TO FUND NEEDED REPAIRS AND ENHANCEMENTS TO THE COASTAL
HERITAGE MUSEUM.**

WHEREAS, the Community Redevelopment Agency of the City of Crystal River, Florida is responsible for the oversight of the budget of the City; and,

WHEREAS, repairs are needed to the Coastal Heritage Museum property that are over and above the desired enhancements, including repairs to the roof and bathroom. All exterior improvements will be complete by the July 3, 2016 celebration; and,

WHEREAS, the Community Redevelopment Agency wishes to appropriate the funds required to move forward with the expenditure;

NOW, THEREFORE, BE IT RESOLVED by the Community Redevelopment Agency of the City of Crystal River, Florida at a regular meeting held on the 28th day of September, 2015, that the Budget Amendment be made as shown in Exhibit A .

EFFECTIVE DATE: This Resolution shall be effective upon adoption by the Community Redevelopment Agency of the City of Crystal River, Florida.

PASSED AND ADOPTED BY THE Community Redevelopment Agency of the City of Crystal River, Florida, this _____ day of _____, 2016.

Attest: _____
Mia Fink, City Clerk

By: _____
Jim Farley, Chairman

Approved as to form and content
For the reliance of the City of
Crystal River only:

George G. Angeliadis, CRA Attorney

VOTE OF COUNCIL:

Farley _____
Brown _____
Holmes _____
Houston _____
Gudis _____

**BUDGET AMENDMENTS
MAY 23, 2016
EXHIBIT A**

Budget Resolution 16-R-12

Account #	Description	Current	Change	Revised Budget
From 601-61552-63000	CRA Impr Other Than Bldgs	\$ 100,000.00	\$ - 13,500.00	\$ 86,500.00
To 601-61552-63000-16-20	CRA Impr – CHeritage Museum	\$ 0.00	\$ 13,500.00	\$ 13,500.00

To appropriate funding for repairs needed to the Coastal Heritage Museum property that are over and above the desired enhancements, including repairs to the roof and bathroom.

COMMUNITY REDEVELOPMENT AGENCY
Agenda Item Summary

Meeting Date: May 23, 2016

Agenda Item Number: 8B

Requested Motion: No motion required, requesting consensus on moving beyond 30% drawings for Crystal River Riverwalk.

Summary: The intent in presenting this to City Council is to make sure the engineers, architects and staff is meet the intent and expectation of the community. In this case 30% drawings, they are critical in getting any substantial modifications to the design resolved during this review period? Changes after this point will often incur additional charges for design.

Staff is not asking for a technical review of the drawing submitted with this agenda item. However in an effort to maintain transparency of this project and trying to maximize the project's overall success we are presenting the 30% drawings for cursory review. Staff has reviewed the drawing and has prepared technical comments of the design for MGC and Ash Group. If Council was concerns or expected something that does not appear to be in the design, staff wants to add it or discuss why it may have been eliminated.

The main question is, at this point of design: Is this what you want (Yes or No)? If no, what needs to be changed or added?

Staff Recommendation: Staff believes within the constraints of properties and costs the 30% meets Council and Communities expectations.

Funding Information:

Project Cost: NA

Funding Source:

Amount Available:

Finance Department Approval: _____

Approvals:

Originating Department



City Manager

City Attorney (if applicable)

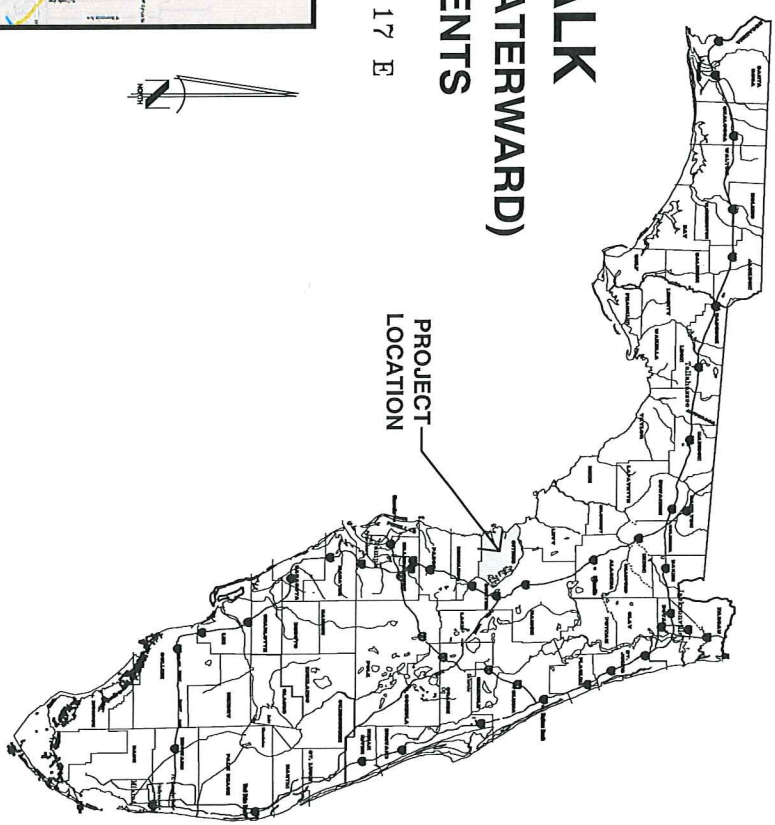
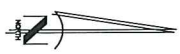
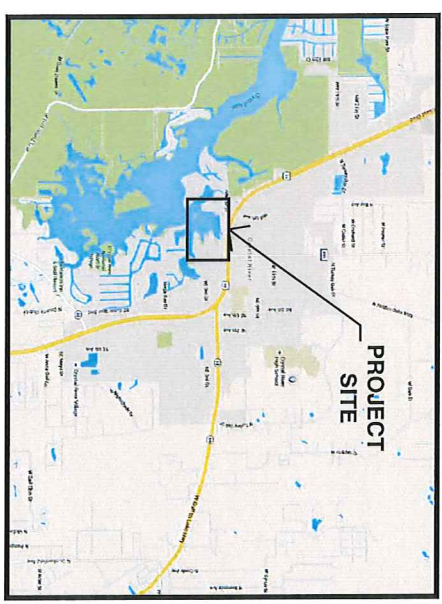
Attachments: Design drawings

Council Action:

Approved _____ Denied _____ Deferred _____ Other _____

CRYSTAL RIVER KINGS BAY RIVER WALK PHASE I (LANDWARD) & PHASE II (WATERWARD) 30% CONSTRUCTION DOCUMENTS

SECTION 21, TOWNSHIP 18 S, RANGE 17 E
CITRUS COUNTY, FLORIDA



PREPARED FOR:



CITY OF CRYSTAL RIVER
123 NW HIGHWAY 19
CRYSTAL RIVER, FL 34428

KINGS BAY RIVER WALK
COVER SHEET

INDEX OF SHEETS

- | | |
|-------------|------------------------|
| C0.0 | COVER SHEET |
| C1.0 | KEY SHEET (LANDWARD) |
| C1.1 - C1.9 | PLAN VIEWS (LANDWARD) |
| C2.0 | KEY SHEET (WATERWARD) |
| C2.1 - C2.6 | PLAN VIEWS (WATERWARD) |



NO.	DATE	REVISION	BY	DATE	DATE	DATE

SHEET
C0.0



CITY OF CRYSTAL RIVER
123 NW HIGHWAY 19
CRYSTAL RIVER, FL 34428

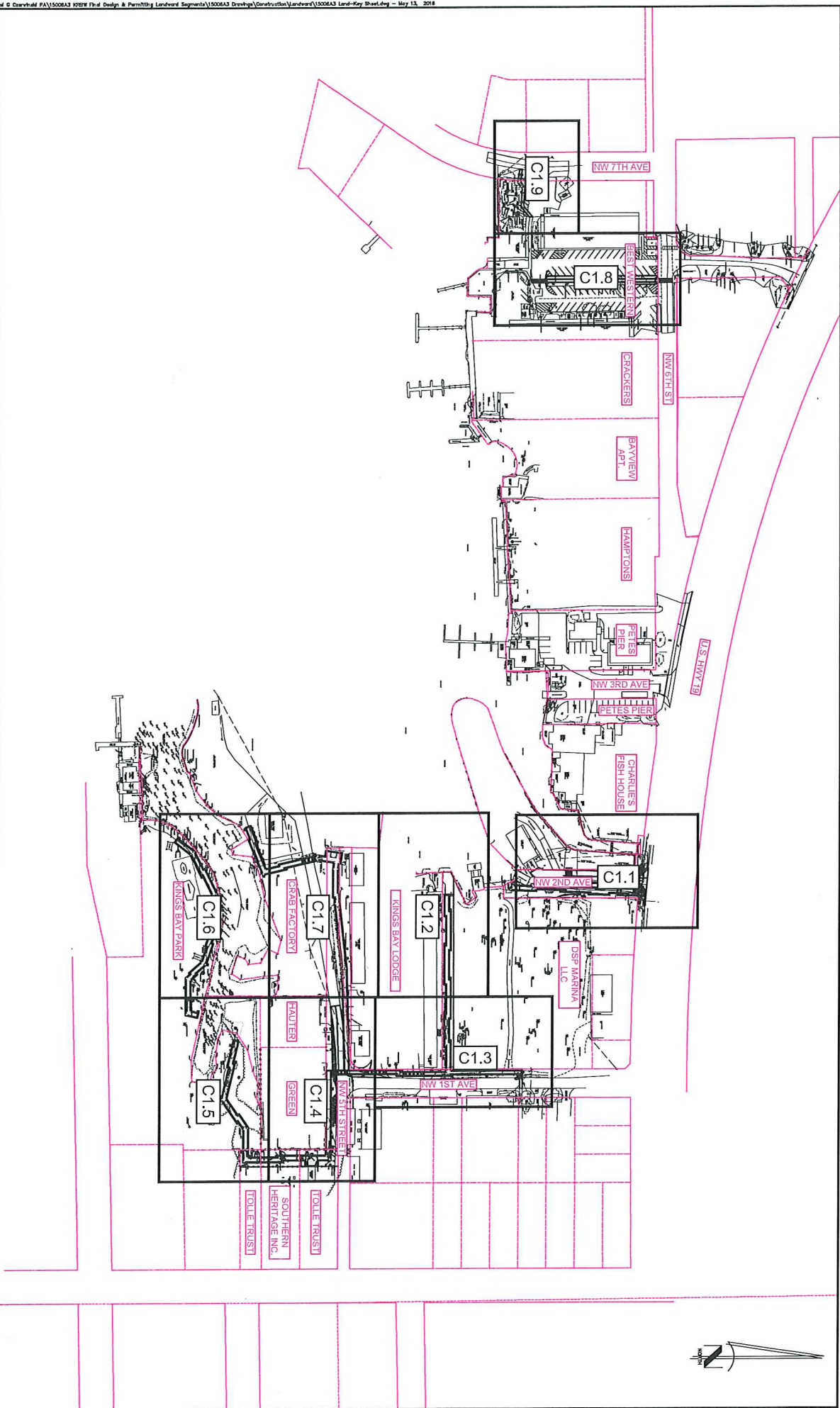
KINGS BAY RIVER WALK PHASE I
OVERALL KEY SHEET



NO.	DATE	REVISION	BY	CHK

DATE: 5/13/2016
REQ: 15008A3
FILE: LANDWARD
15008A3 Landward Sheet.dwg

SHEET
C1.0



Michael G. Cornwell, P.E.
 ENVIRONMENTAL CONSULTANTS, INC.
 10000 N.W. 12th Street, Suite 200
 Doral, FL 33126
 (305) 555-1234

The Ash Group, Inc.
 123 NW Highway 19
 Crystal River, FL 34428
 (352) 329-1111

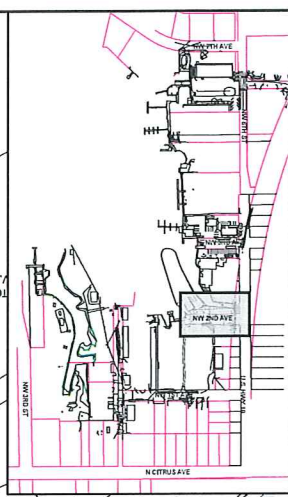
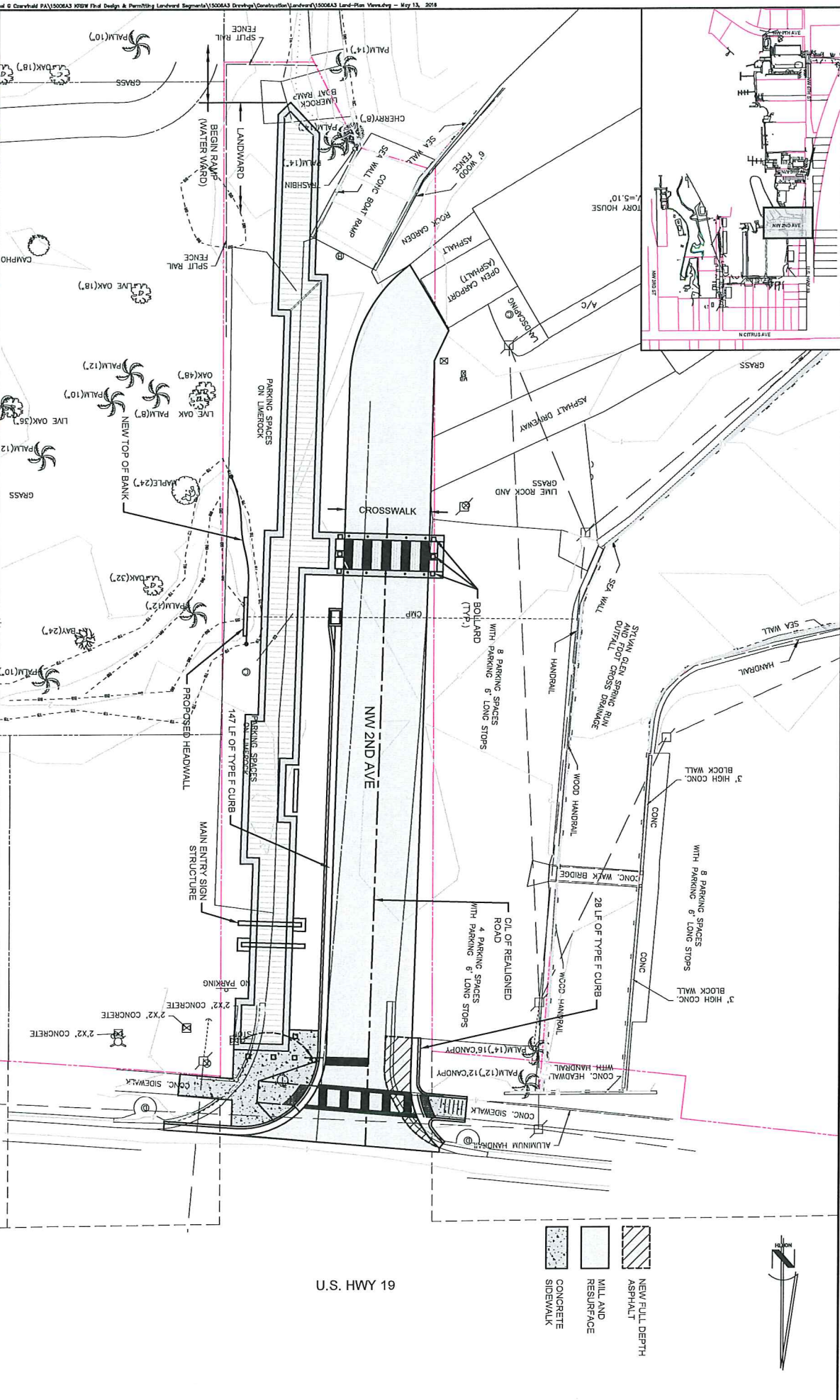
CITY OF CRYSTAL RIVER
 123 NW HIGHWAY 19
 CRYSTAL RIVER, FL 34428

KINGS BAY RIVER WALK PHASE I
 PLAN VIEW



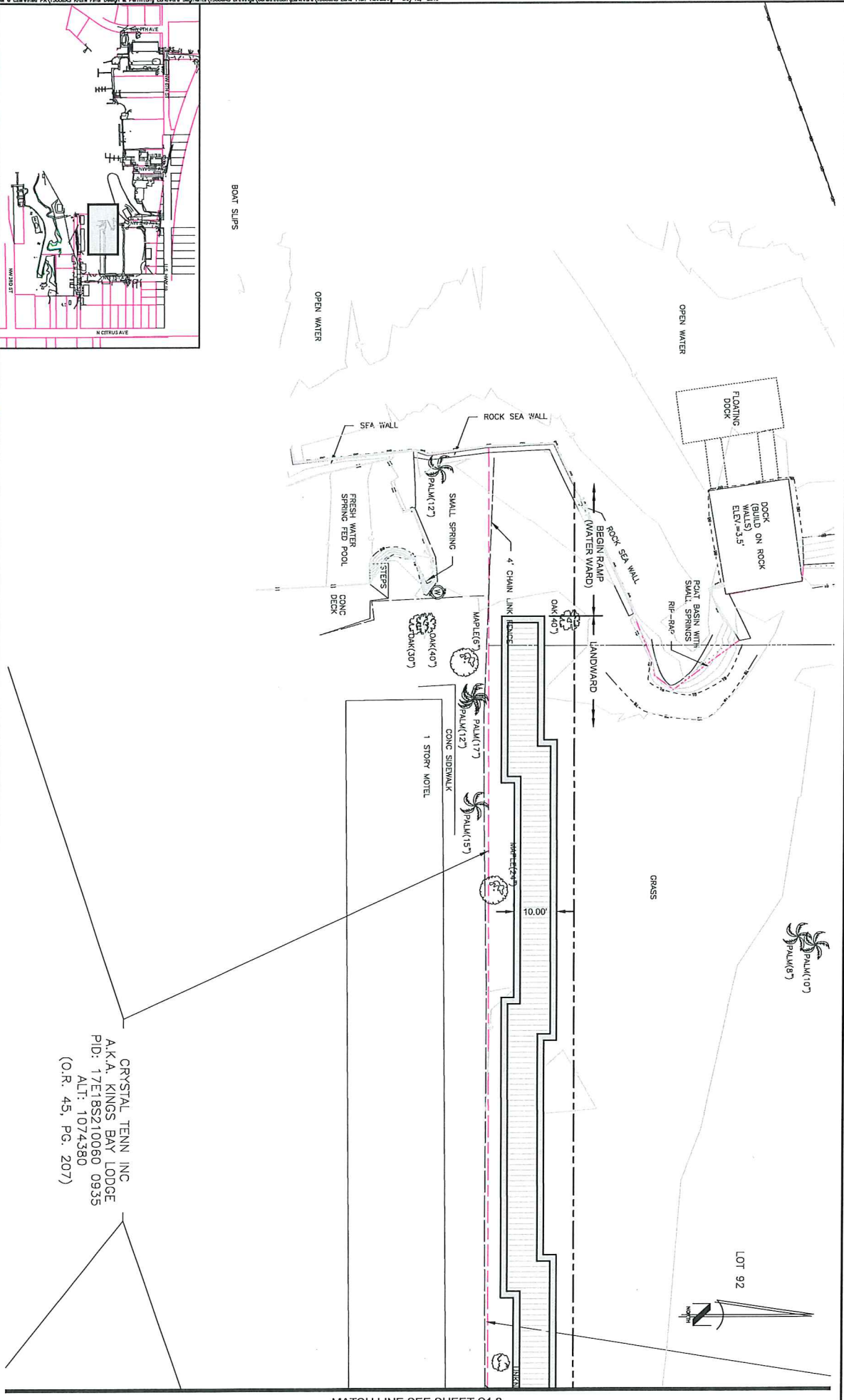
NO.	DATE	REVISION	BY	CHK

DATE: 5/12/2016
 PROJ: 100063
 FILE: LANDWARD
 SHEET: C1.1



- NEW/FULL DEPTH ASPHALT
- MILL AND RESURFACE
- CONCRETE SIDEWALK

U.S. HWY 19



Michael G. Crowfield, P.A.
ENVIRONMENTAL CONSULTANTS
 123 NW Highway 19
 Crystal River, FL 34428
 Phone: 352-329-1111
 Fax: 352-329-1112
 www.mgcra.com

The Ashi Group, Inc.
 123 NW Highway 19
 Crystal River, FL 34428
 Phone: 352-329-1111
 Fax: 352-329-1112
 www.ashigroup.com

CITY OF CRYSTAL RIVER
 123 NW HIGHWAY 19
 CRYSTAL RIVER, FL 34428

KINGS BAY RIVER WALK PHASE I
 PLAN VIEW

DATE: 5/12/2016	BY: JAS
DESIGNER: JAS	CHECKED: JAS
DATE: 5/12/2016	BY: JAS
DESIGNER: JAS	CHECKED: JAS

C1.2

CRYSTAL TENN, INC
 A.K.A. KINGS BAY LODGE
 PID: 17E18S210060 0935
 ALT: 1074380
 (O.R. 45, PG. 207)

MATCH LINE SEE SHEET C1.3

MATCH LINE SEE SHEET C1.4

Michael C Cervinski, P.A.
 ENVIRONMENTAL CONSULTANTS
 10000 Kings Bay Blvd, Suite 100
 Jacksonville, FL 32256
 Phone: 904.251.1111
 Fax: 904.251.1112
 www.mccpa.com

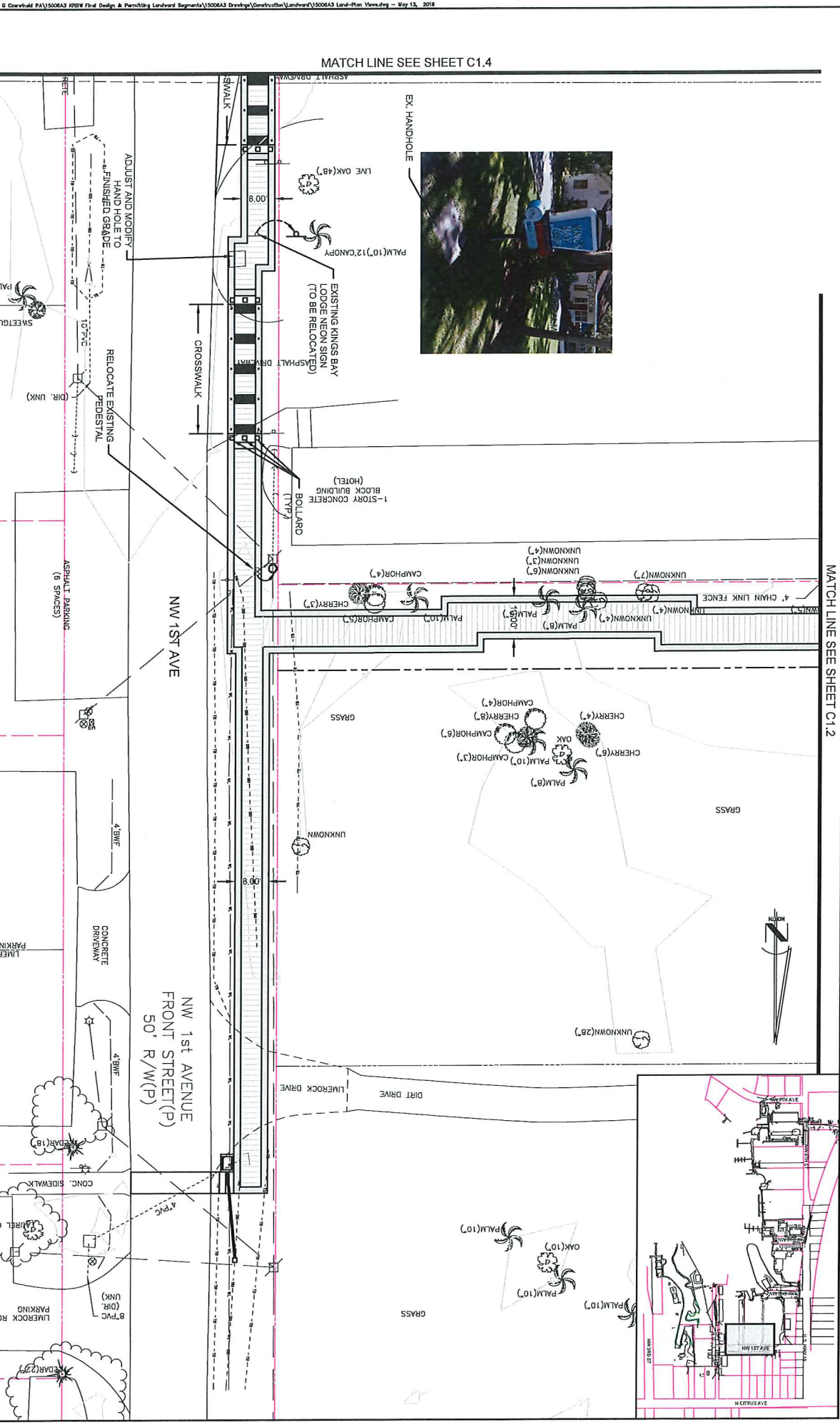
The Ash Group, Inc.
 123 NW Highway 19
 Crystal River, FL 34428

CITY OF CRYSTAL RIVER
 123 NW HIGHWAY 19
 CRYSTAL RIVER, FL 34428

KINGS BAY RIVER WALK PHASE I
 PLAN VIEW

NO.	DATE	REVISION	BY	CHK

DATE: 5/13/2018
 PROJ: 15006A3
 FILE: LANDMARK
 10000 Kings Bay Blvd, Suite 100
 Jacksonville, FL 32256
 SHEET
C1.3



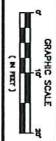
MATCH LINE SEE SHEET C1.2

MATCH LINE SEE SHEET C1.7



CITY OF CRYSTAL RIVER
123 NW HIGHWAY 19
CRYSTAL RIVER, FL 34428

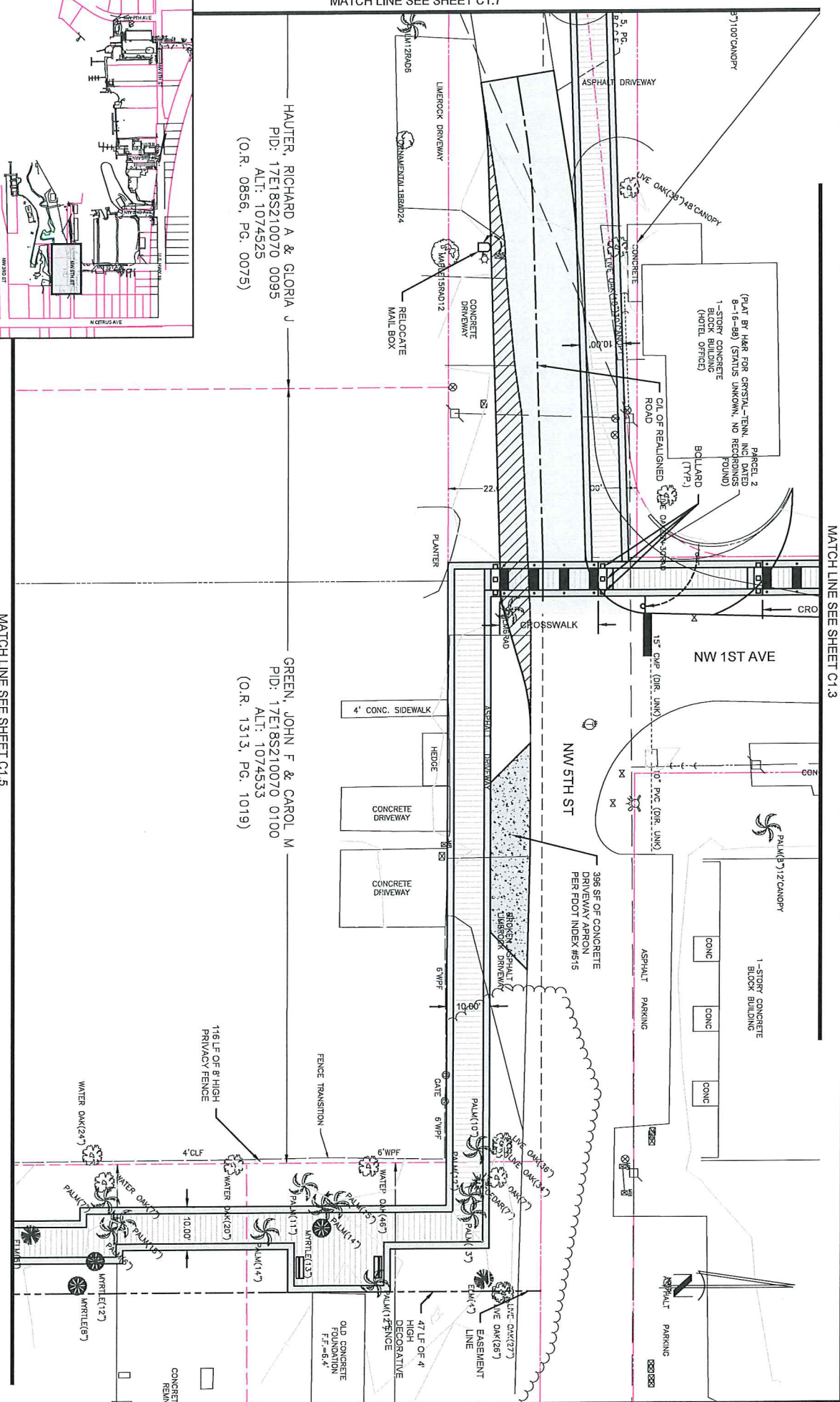
KINGS BAY RIVER WALK PHASE I
PLAN VIEW



REV	DATE	BY	CHKD	DESCRIPTION

DATE: 5/12/2016	BY: RB
DESIGNED: RB	CHKD: JAS
FILED: RB	
PROJECT: KINGS BAY RIVER WALK PHASE I	

SHEET
C1.4



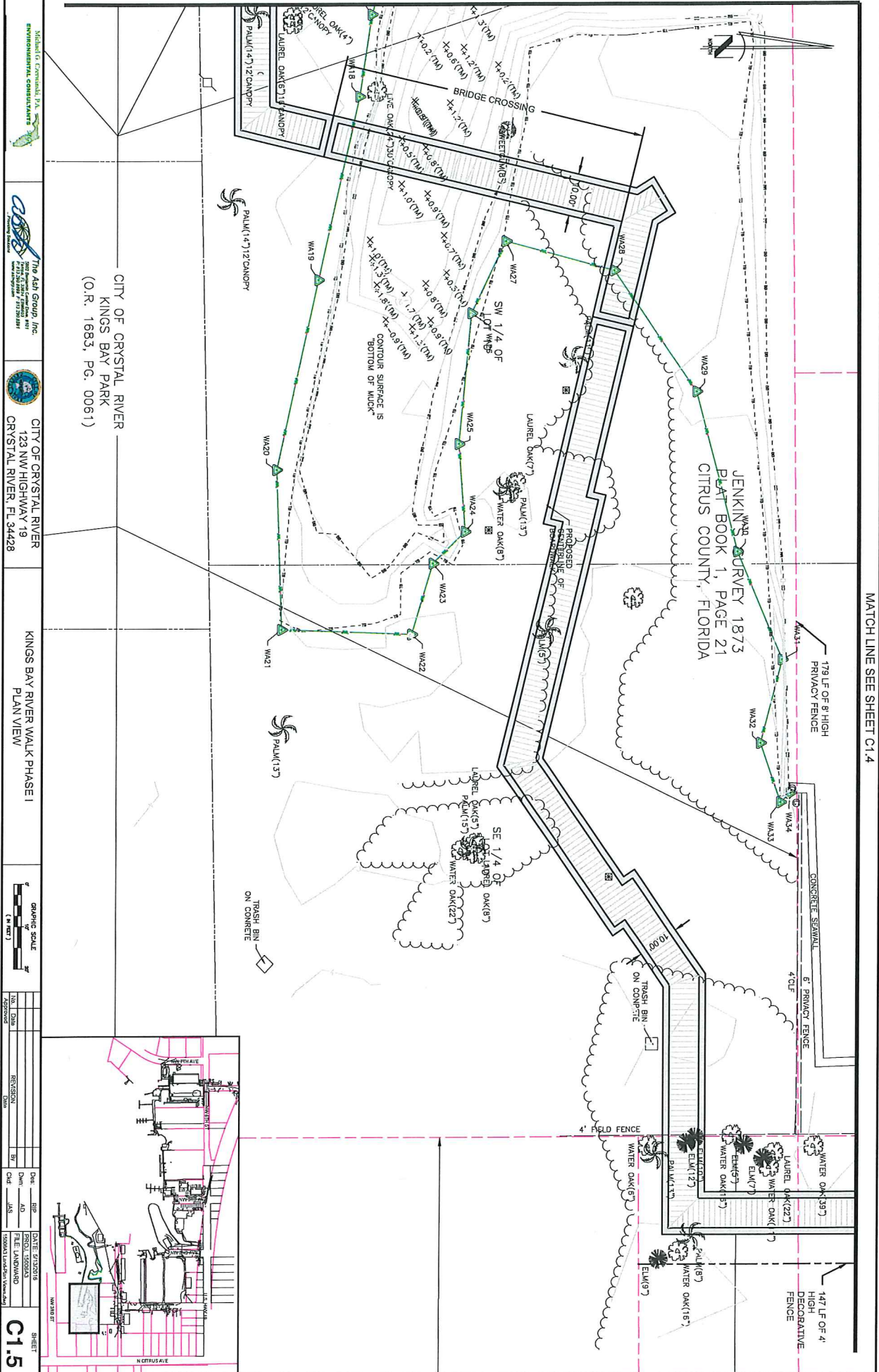
HAUTER, RICHARD A & GLORIA J
PID: 17E18S210070 009S
ALT: 1074525
(O.R. 0856, PG. 0075)

GREEN, JOHN F & CAROL M
PID: 17E18S210070 0100
ALT: 1074533
(O.R. 1313, PG. 1019)

MATCH LINE SEE SHEET C1.3

MATCH LINE SEE SHEET C1.5

MATCH LINE SEE SHEET C1.6



MATCH LINE SEE SHEET C1.4

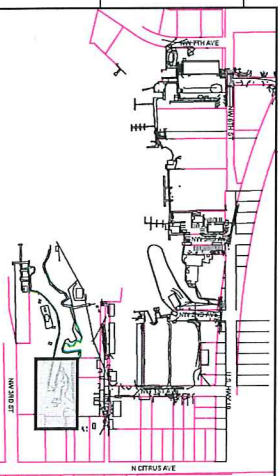
Michael G. Crowl, P.E.
ENVIRONMENTAL CONSULTANTS

The Ash Group, Inc.
123 NW HIGHWAY 19
CRYSTAL RIVER, FL 34428

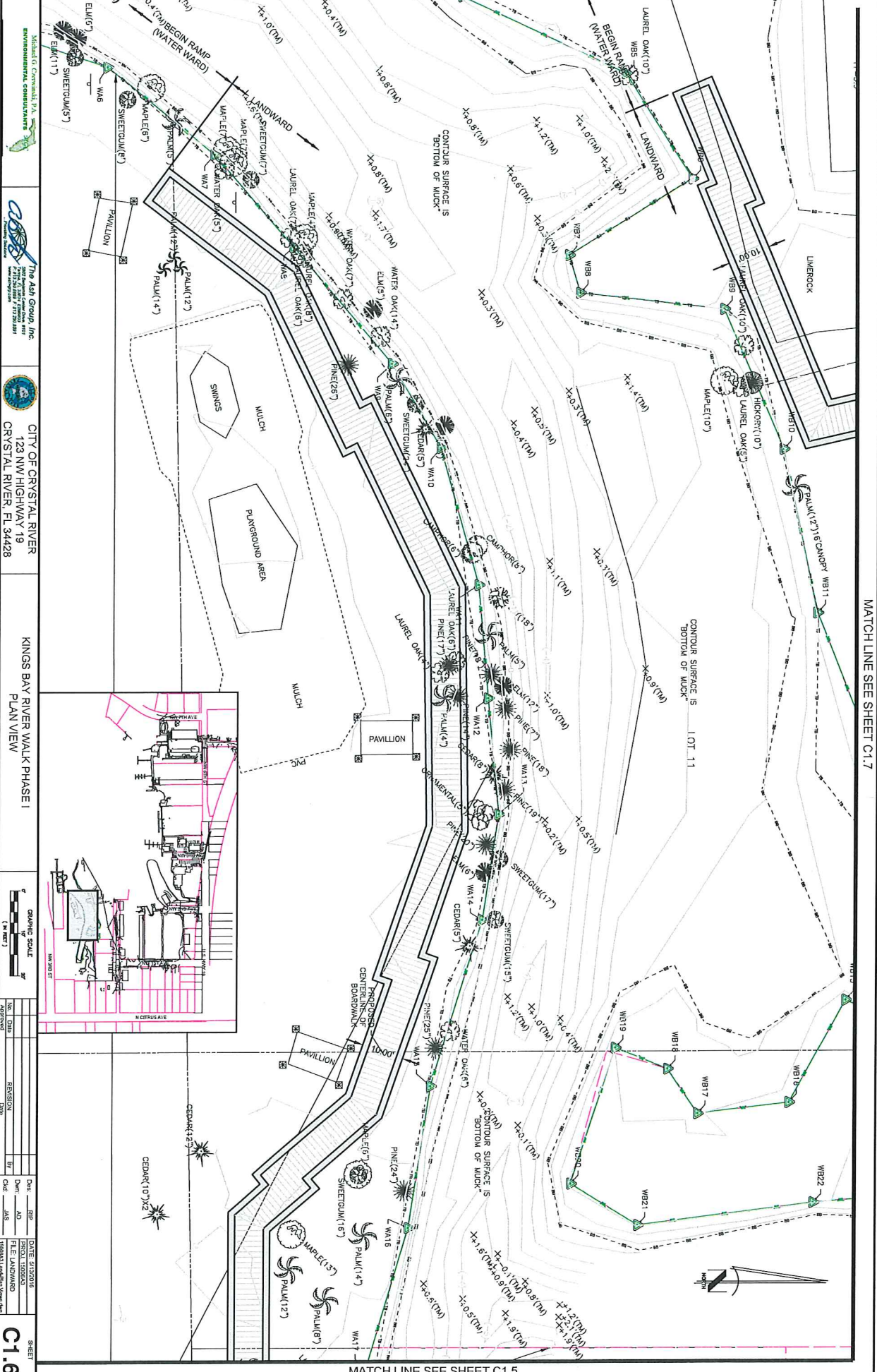
CITY OF CRYSTAL RIVER
KINGS BAY PARK
CRYSTAL RIVER, FL 34428

GRAPHIC SCALE
1" = 40' (AS SHOWN)

NO.	DATE	REVISION	BY	CHKD	APP.	DATE



SHEET
C1.5



Michael G. Cervoni, P.E.
 ENVIRONMENTAL CONSULTANTS

The Ash Group, Inc.
 123 NW Highway 19
 Crystal River, FL 34428



CITY OF CRYSTAL RIVER
 123 NW HIGHWAY 19
 CRYSTAL RIVER, FL 34428

KINGS BAY RIVER WALK PHASE I
 PLAN VIEW

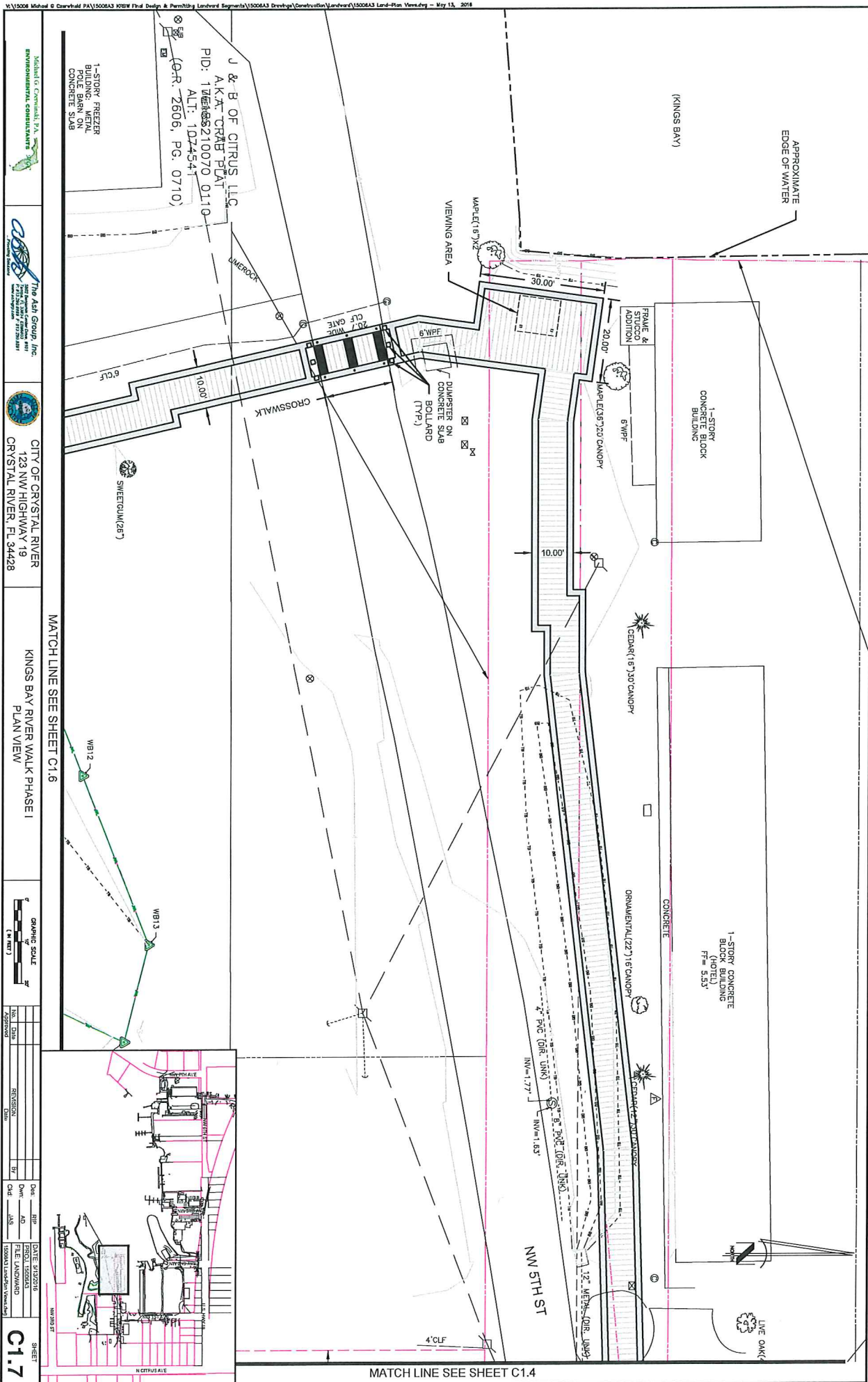


NO.	DATE	REVISION	BY	CHK.

DATE: 5/15/2018
 PROJ: 150063
 FILE: LANDWARD
 SHEET: C1.6

MATCH LINE SEE SHEET C1.7

MATCH LINE SEE SHEET C1.5



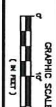
Michael C Crowl, P.A.
 ENVIRONMENTAL CONSULTANTS

The Ash Group, Inc.
 123 NW Highway 19
 Crystal River, FL 34428



CITY OF CRYSTAL RIVER
 123 NW HIGHWAY 19
 CRYSTAL RIVER, FL 34428

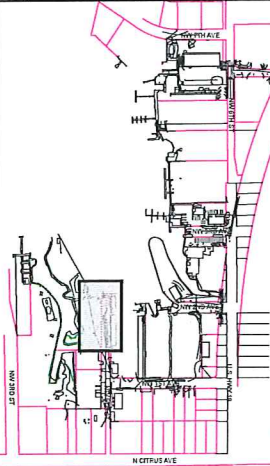
MATCH LINE SEE SHEET C1.6
 KINGS BAY RIVER WALK PHASE I
 PLAN VIEW



NO.	DATE	DESCRIPTION

DATE: 5/12/2016	BY: AD
PROJECT: KINGS BAY RIVER WALK PHASE I	DATE: 5/12/2016
FILE: LANDWARD	DATE: 5/12/2016
PROJECT: KINGS BAY RIVER WALK PHASE I	DATE: 5/12/2016

SHEET
C1.7



MATCH LINE SEE SHEET C1.4



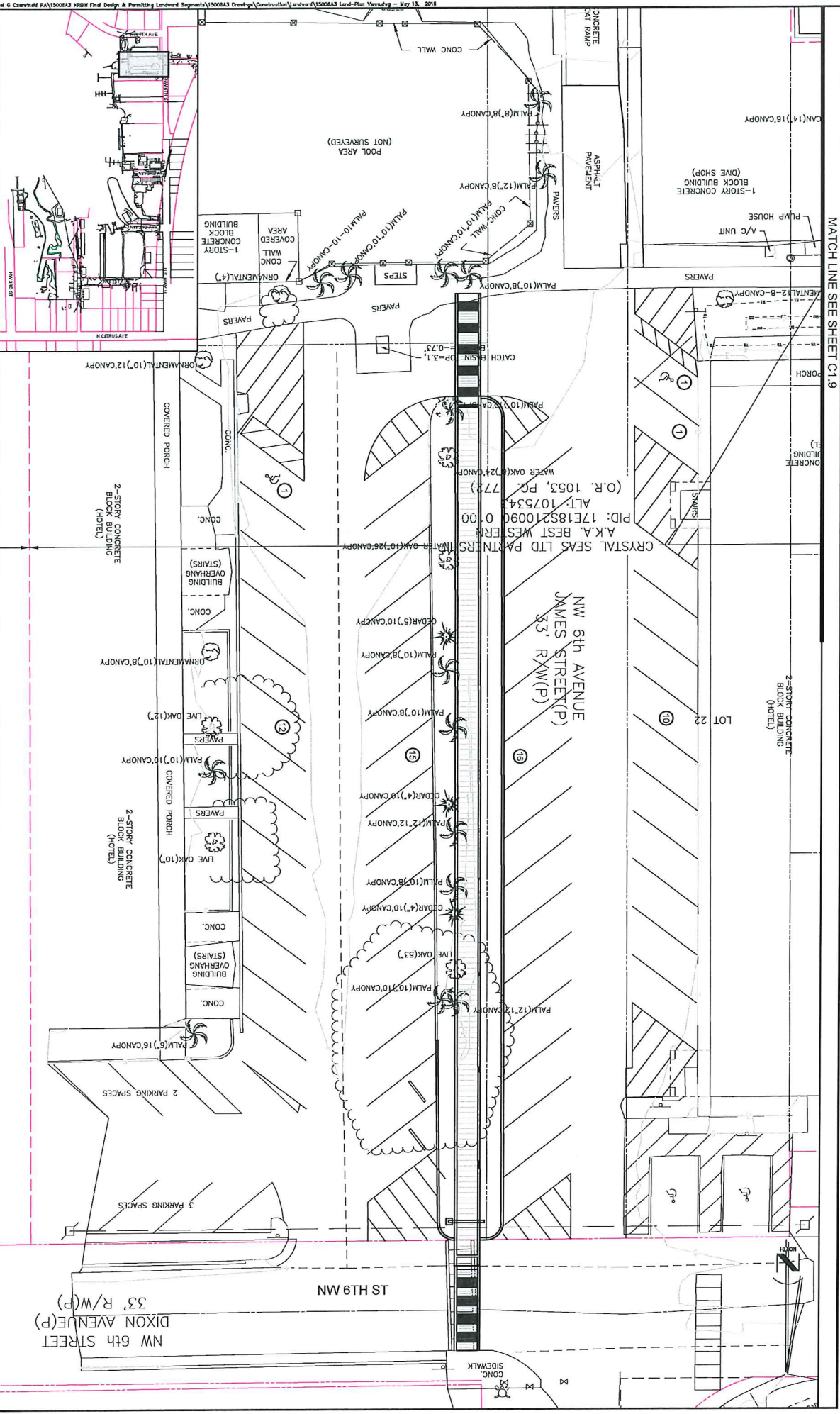
CITY OF CRYSTAL RIVER
123 NW HIGHWAY 19
CRYSTAL RIVER, FL 34428

KINGS BAY RIVER WALK PHASE I
PLAN VIEW



DATE	BY	CHK	APP
15/05/2018	AD	JMS	
15/05/2018	AD	JMS	
15/05/2018	AD	JMS	
15/05/2018	AD	JMS	

SHEET
C1.8

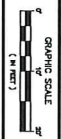


MATCH LINE SEE SHEET C1.9



CITY OF CRYSTAL RIVER
123 NW HIGHWAY 19
CRYSTAL RIVER, FL 34428

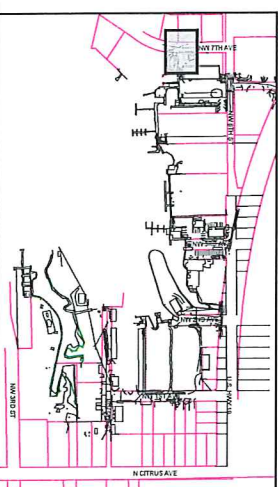
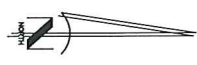
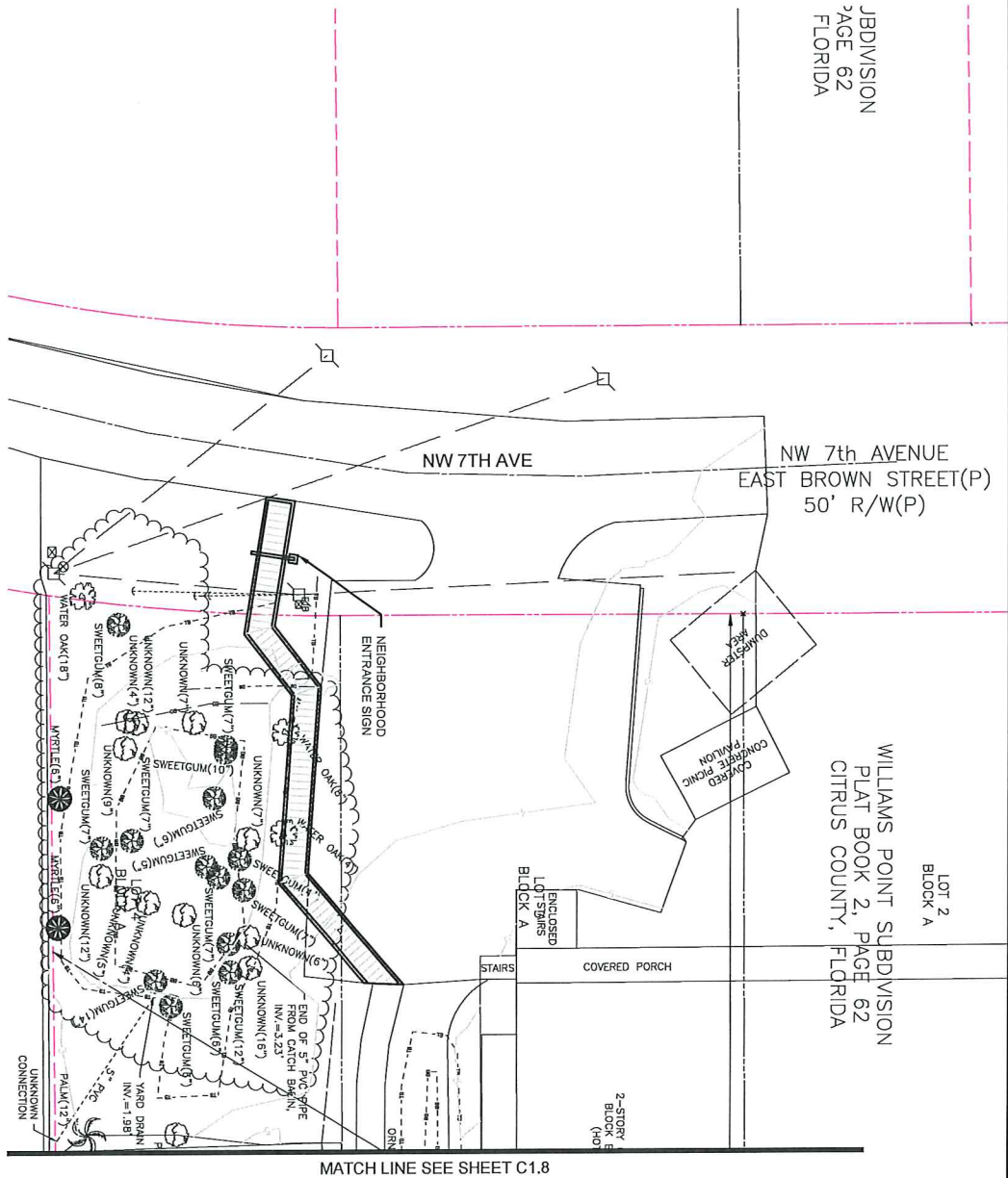
KINGS BAY RIVER WALK PHASE I
PLAN VIEW



NO.	DATE	REVISION	BY	CHK.

SHEET
C1.9

JBD/MSJ
PAGE 62
FLORIDA





CITY OF CRYSTAL RIVER
123 NW HIGHWAY 19
CRYSTAL RIVER, FL 34428

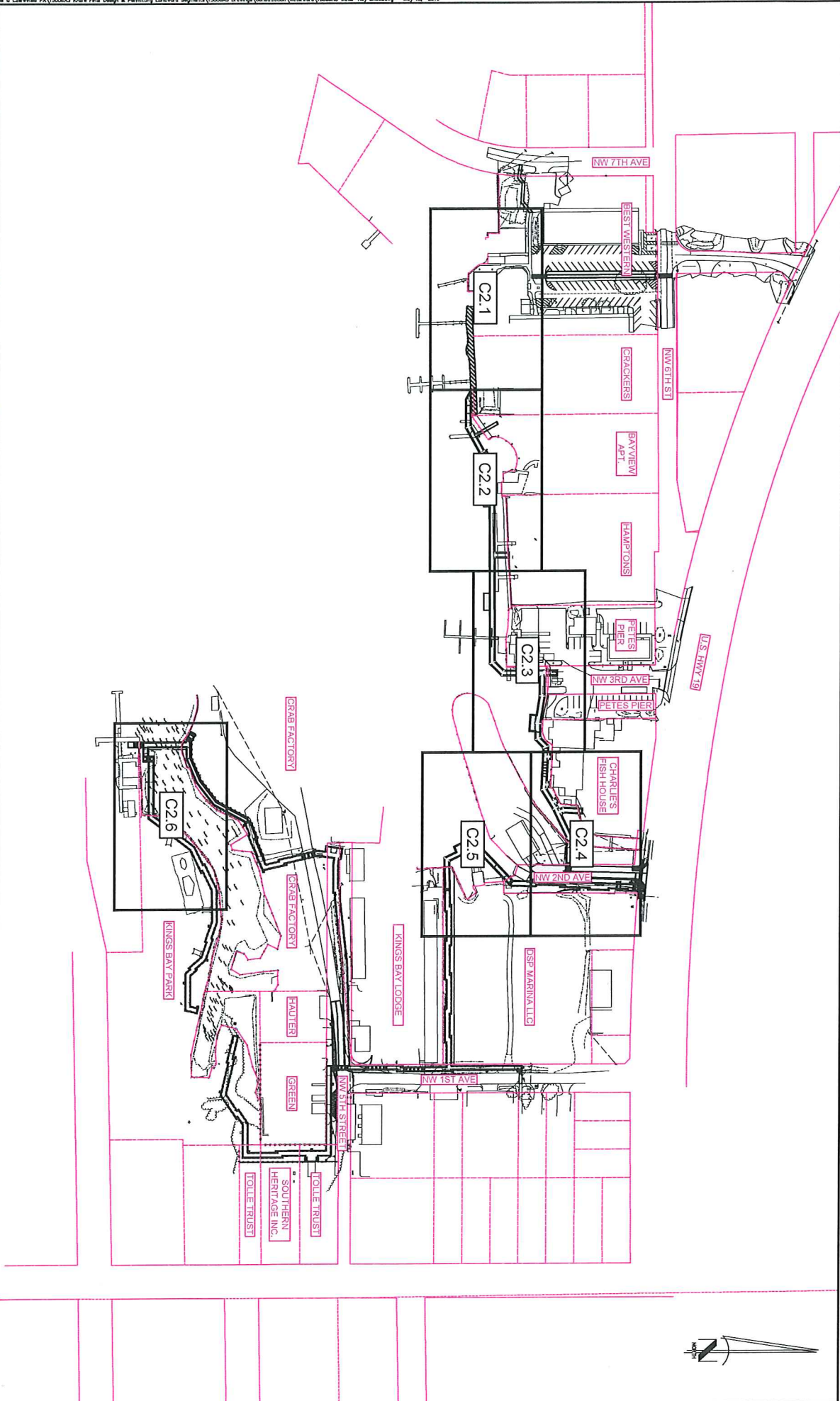
KINGS BAY RIVER WALK PHASE II
OVERALL KEY SHEET



DATE	BY	CHKD	APP'D
DESIGN			
REVISION			
DATE			

DATE: 3/13/2016	BY: BR
PROJ: 15006A3	CHKD: AD
FILE: WATERWAY	APP'D: JAS
PROJECT: Kings Bay River Walk Phase II	

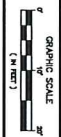
SHEET
C2.0





CITY OF CRYSTAL RIVER
123 NW HIGHWAY 19
CRYSTAL RIVER, FL 34428

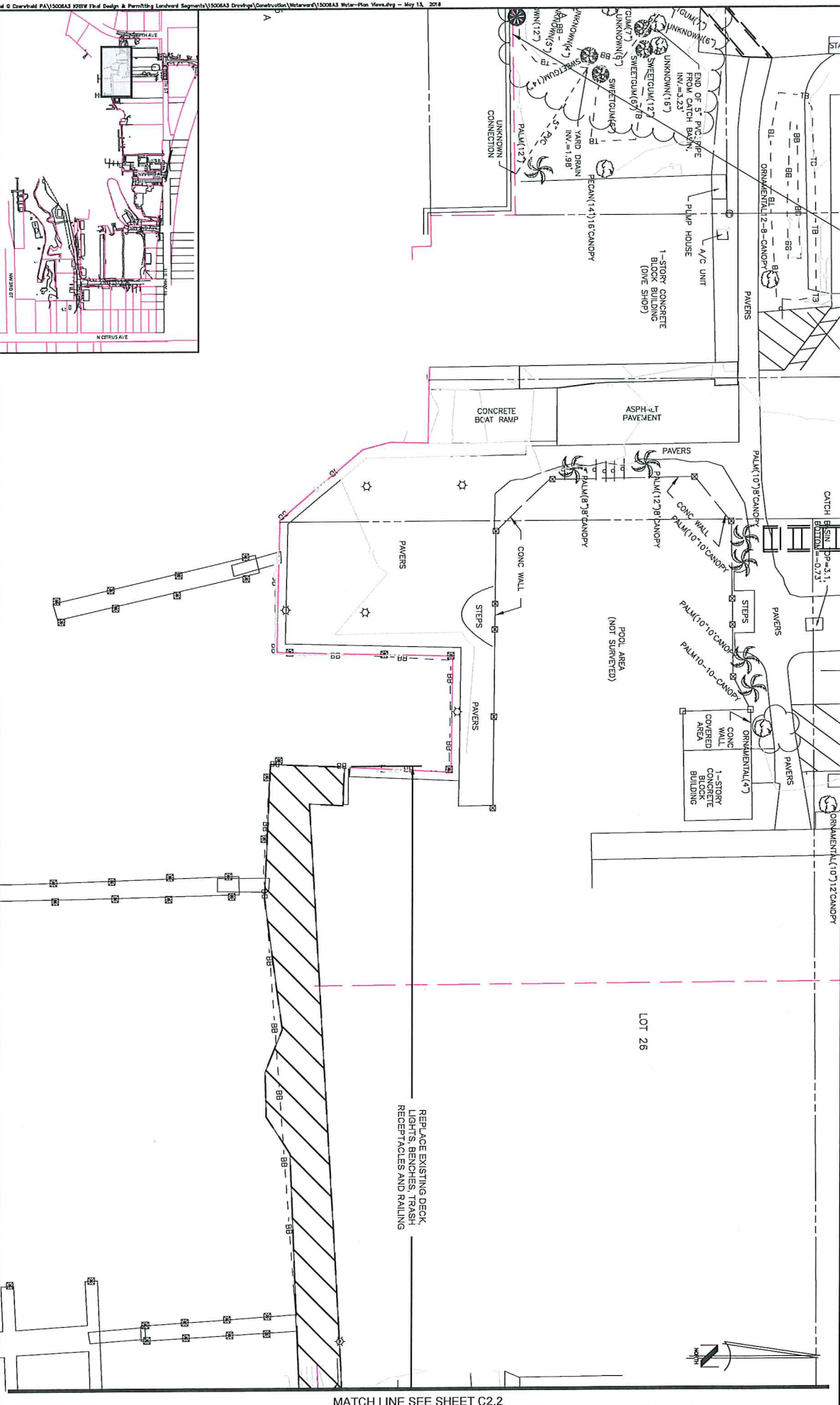
KINGS BAY RIVER WALK PHASE II
PLAN VIEW



DATE	BY	CHKD	APP'D
10/13/15	AS	AS	AS
10/13/15	AS	AS	AS
10/13/15	AS	AS	AS

DATE	BY	CHKD	APP'D
10/13/15	AS	AS	AS
10/13/15	AS	AS	AS
10/13/15	AS	AS	AS

SHEET
C2.1



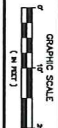
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MATCH LINE SEE SHEET C2.1



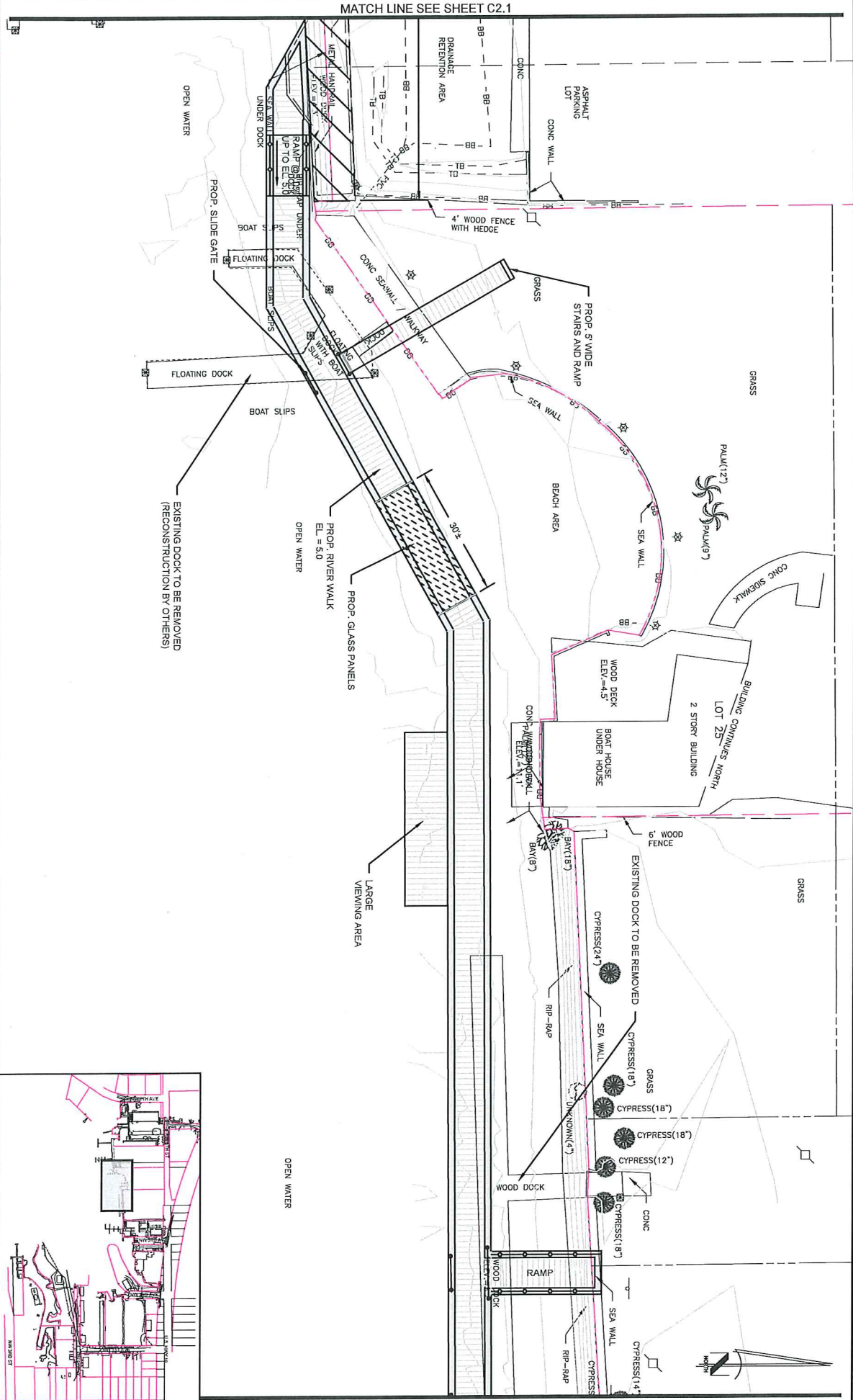
CITY OF CRYSTAL RIVER
123 NW HIGHWAY 19
CRYSTAL RIVER, FL 34428

KINGS BAY RIVER WALK PHASE II
PLAN VIEW



DATE	BY	CHKD	REVISION

SHEET
C2.2



MATCH LINE SEE SHEET C2.3

MATCH LINE SEE SHEET C2.2

VAN GLEN ADDITION TO THE TOWNSITE OF CRYSTAL RIVER AT BOOK 1, PAGE 26 RUS COUNTY, FLORIDA

Michael G. Cervinski, P.E.
 ENVIRONMENTAL CONSULTANTS

The Ashi Group, Inc.
 123 NW HIGHWAY 19
 CRYSTAL RIVER, FL 34428

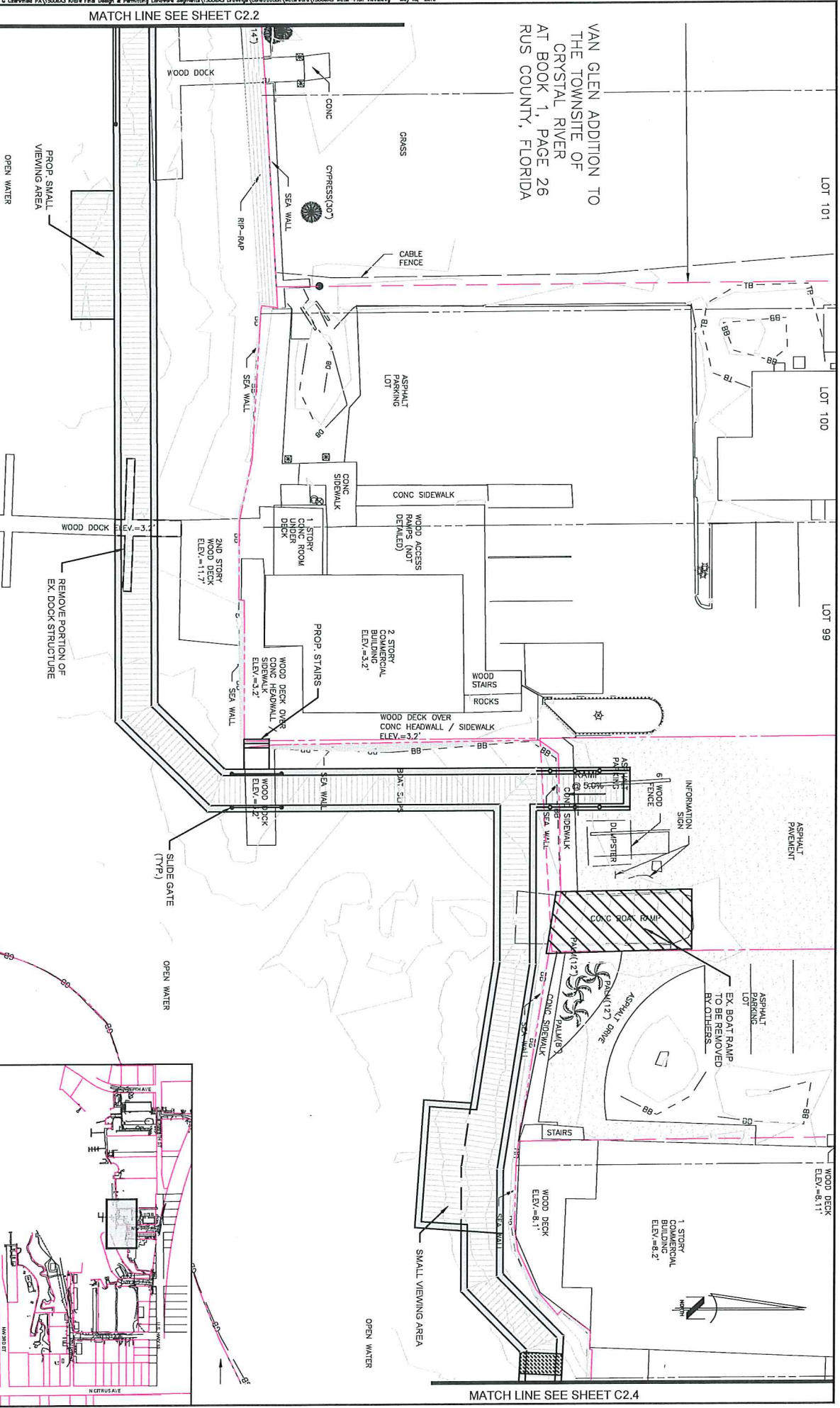
CITY OF CRYSTAL RIVER
 123 NW HIGHWAY 19
 CRYSTAL RIVER, FL 34428

KINGS BAY RIVER WALK PHASE II
PLAN VIEW



DESIGNED BY	DATE	BY	DATE
DRN	05/13/18	MB	
REVISION	DATE	BY	DATE
1		MB	

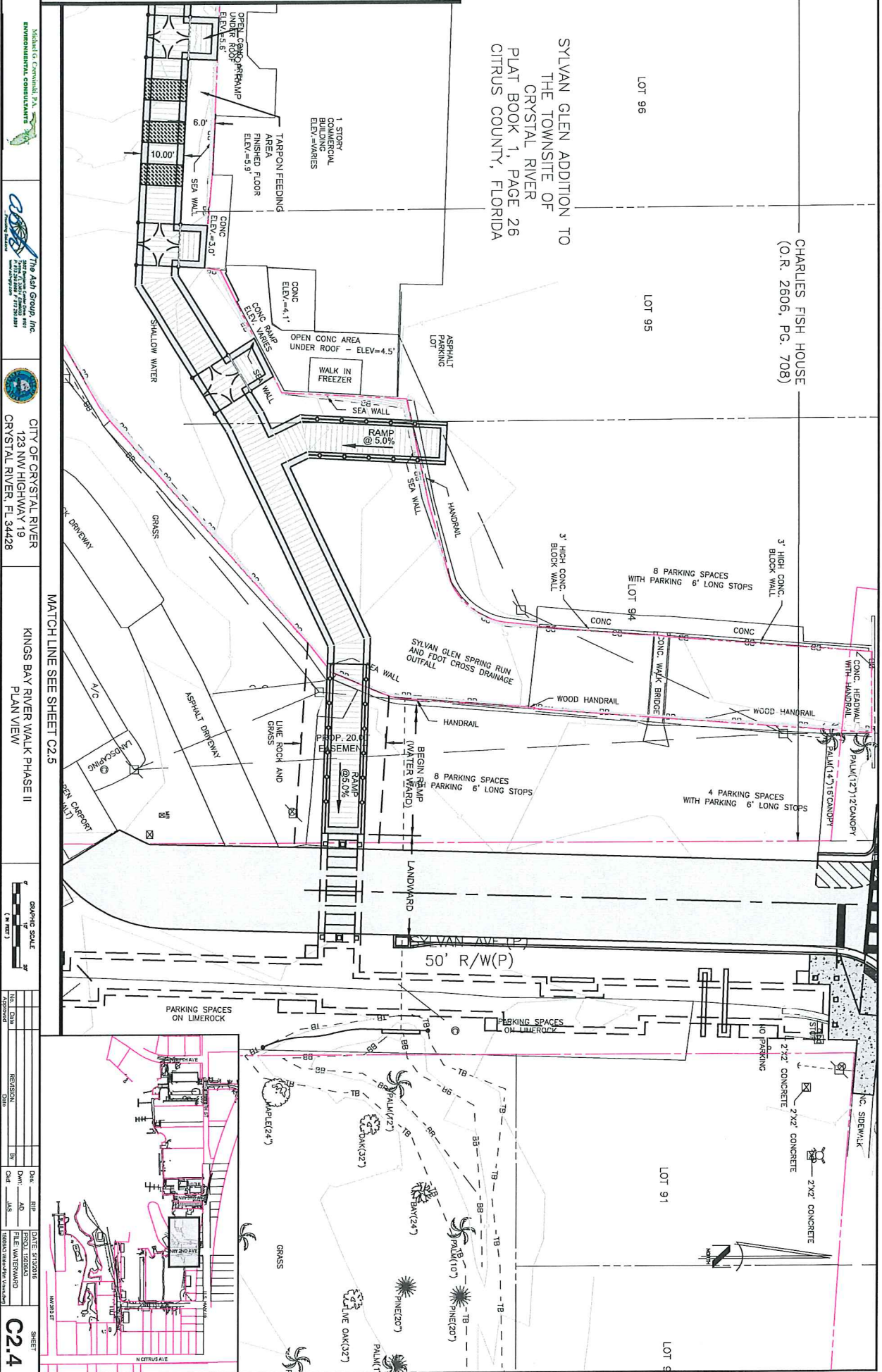
SHEET
C2.3



MATCH LINE SEE SHEET C2.3

SYLVAN GLEN ADDITION TO
THE TOWNSITE OF
CRYSTAL RIVER
PLAT BOOK 1, PAGE 26
CITRUS COUNTY, FLORIDA

CHARLES FISH HOUSE
(O.R. 2606, PG. 708)



Michael G. Cervelli, P.E.
ENVIRONMENTAL CONSULTANTS

The Ashi Group, Inc.
123 NW Highway 19
Crystal River, FL 34428



CITY OF CRYSTAL RIVER
123 NW HIGHWAY 19
CRYSTAL RIVER, FL 34428

KINGS BAY RIVER WALK PHASE II
PLAN VIEW

GRAPHIC SCALE
0 10 20
FEET

NO.	DATE	REVISION	BY	CHKD.	APP.

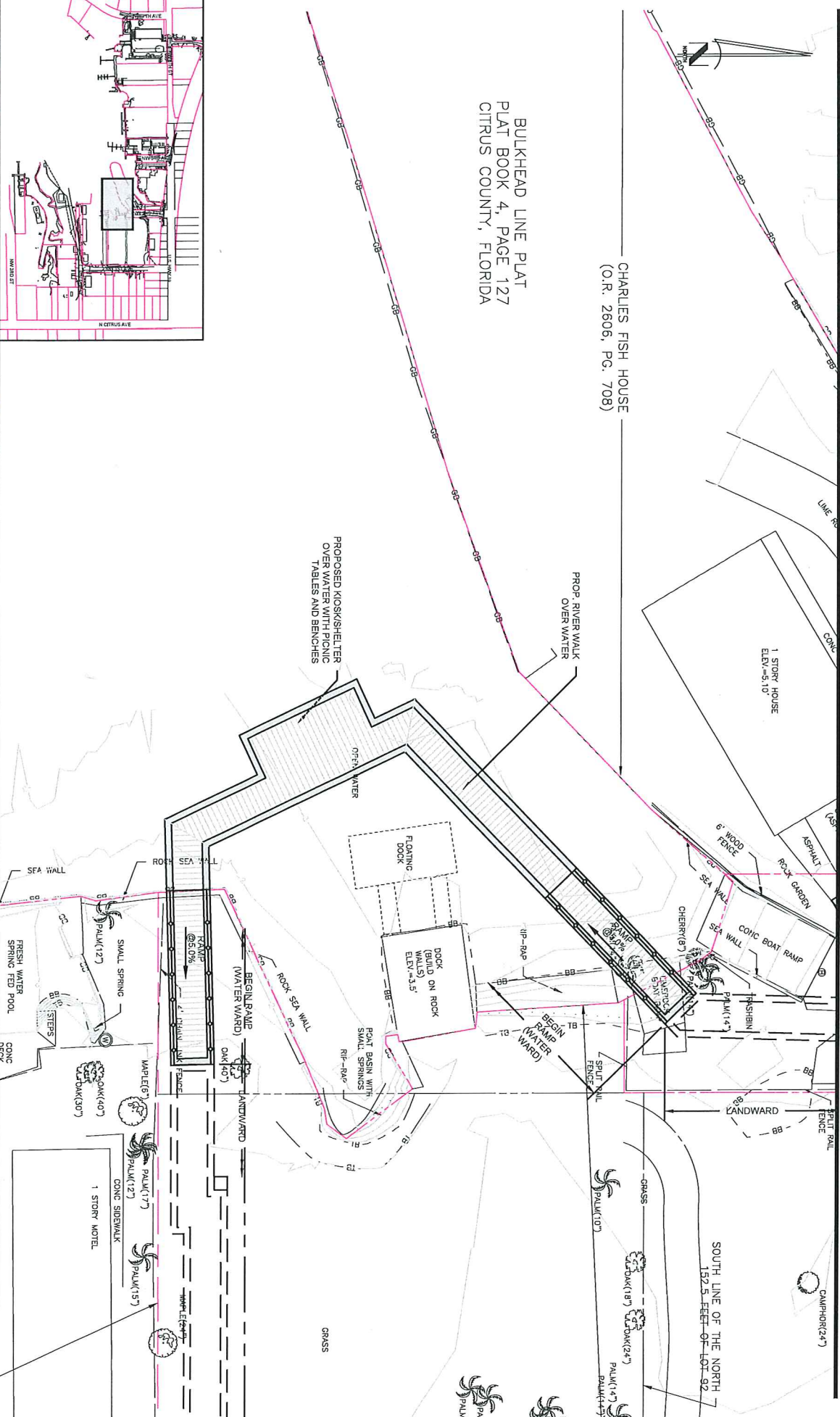
DATE OF ISSUE	DATE	REV.
ENCL. 13/02/018		
FILED IN FORWARD		
ISSUES TO THE PUBLIC (DATE)		

C2.4

BULKHEAD LINE PLAT
PLAT BOOK 4, PAGE 127
CITRUS COUNTY, FLORIDA

CHARLES FISH HOUSE
(O.R. 2606, PG. 708)

MATCH LINE SEE SHEET C2.4



Michael G. Cervinski, P.A.
ENVIRONMENTAL CONSULTANTS
The Ashi Group, Inc.
2125 W. 7th Ave., Suite 100
Tampa, FL 33606
TEL: 813-289-1800
WWW.ASHIGROUP.COM



CITY OF CRYSTAL RIVER
123 NW HIGHWAY 19
CRYSTAL RIVER, FL 34428

KINGS BAY RIVER WALK PHASE II
PLAN VIEW

GRAPHIC SCALE
1" = 100'

NO.	DATE	REVISION	DATE

DATE	BY	DATE	BY

DESIGNED BY: AJ
CHECKED BY: JMS
DATE: 5/13/18
PROJECT: KINGS BAY RIVER WALK PHASE II
SHEET: C2.5



CITY OF CRYSTAL RIVER
123 NW HIGHWAY 19
CRYSTAL RIVER, FL 34428

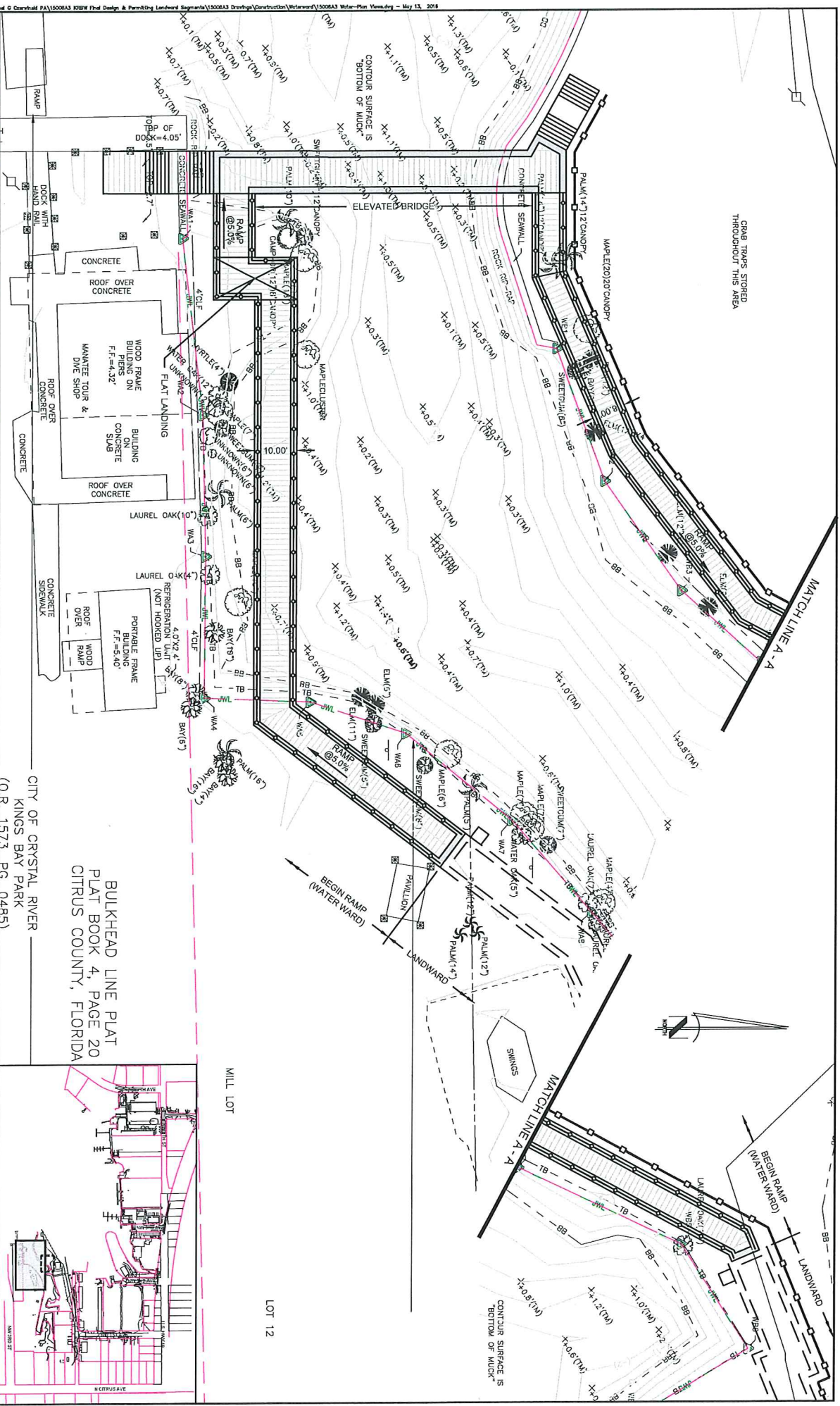
KINGS BAY RIVER WALK PHASE II
PLAN VIEW

CITY OF CRYSTAL RIVER
KINGS BAY PARK
(O.R. 1573, PG. 0485)



NO.	DATE	REVISION	BY	CHKD.

DATE: 5/12/2016
PROJECT: THE WALKERWARD
SHEET: C2.6



COMMUNITY REDEVELOPMENT AGENCY
Agenda Item Summary

Meeting Date: May 23, 2016

Agenda Item Number: 8C

Requested Motion: No motion required, "Informational Presentation and Discussion on Design Treatments and Materials".

Summary: This Materials and Treatment Package was developed to give the City options in the look and function of the Riverwalk. These different choices were developed by the Architect specifically for this project. Tier One is generally at a cost that should be within the project budget Tier Two may exceed the total cost of the project. If some Tier Two items are preferred it is possible list them as an optional item in the design bid documents.

In the presentation of these items will include actual samples of the different materials. In this agenda item we hope to reach some consensus on what is generally acceptable to CRA members. Staff will also present their recommendations at this time.

Staff Recommendation: Staff will present recommendations during the agenda item.

Funding Information:

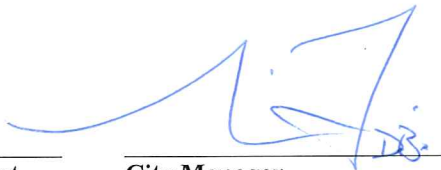
Project Cost: NA

Funding Source:

Amount Available:

Finance Department Approval: _____

Approvals:



Originating Department

City Manager

City Attorney (if applicable)

Attachments:

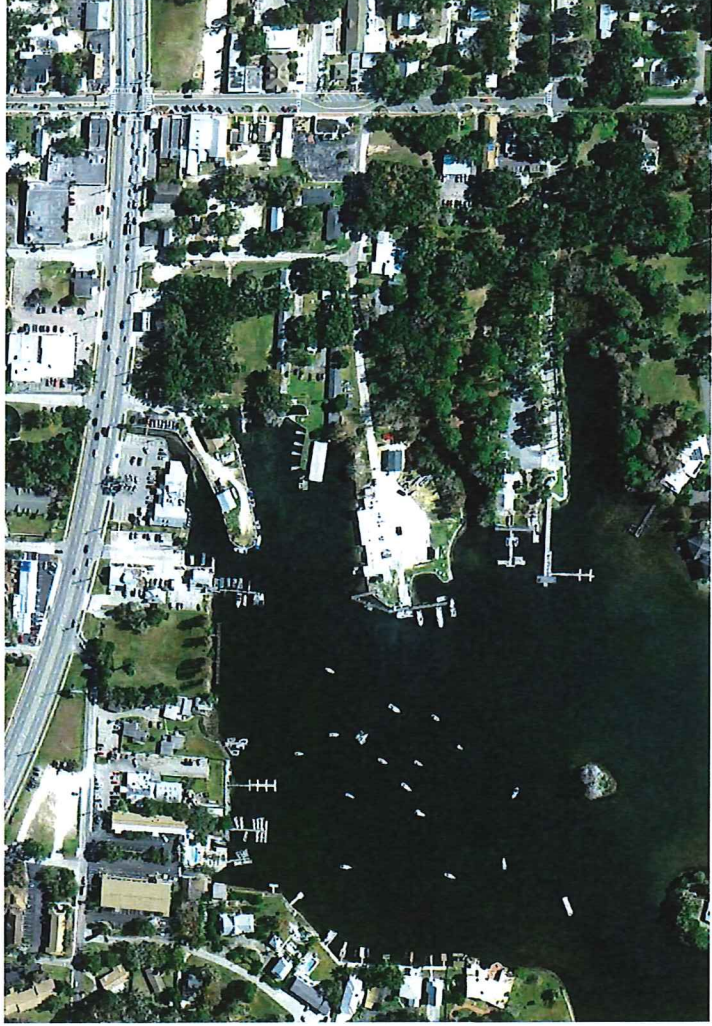
Council Action:

Approved _____ Denied _____ Deferred _____ Other _____



KING'S BAY RIVER WALK

MATERIALS AND TREATMENT PACKAGE



CONSTRUCTION DOCUMENTS
30% SUBMITTAL

MAY 13, 2016

PREPARED FOR:
THE CITY OF CRYSTAL RIVER, FLORIDA

PREPARED BY:



PROPOSED MATERIALS

CONTENTS

LAND SIDE WALK SURFACE	4
WATER SIDE WALK SURFACE	5
WATER SIDE RAIL & GATES	6
FENCE	8
BENCH	9
AREA LIGHTING	10
INGROUND LIGHTING	11
BIKE RACK	12
TRASH RECEPTACLE	13



PROPOSED TREATMENTS

CONTENTS

SITE PLAN	15
MAIN ENTRANCE PLAN	16
MAIN ENTRANCE SIGNAGE	17
ACCESS POINTS SIGNAGE	19
MULTI-USE SIGNAGE	22
TYPICAL LAND SIDE TRAIL TREATMENT	25
TYPICAL LAND SIDE CROSSWALK TREATMENT	26
TYPICAL RIVER WALK TRANSITION TREATMENTS	28
WATER SIDE VIEWING AREAS	30
TYPICAL AREA LIGHTING & RAIL TREATMENTS	37



LAND SIDE WALK SURFACE

TIER 1

Manufacturer
WAUSAU

Model/ Style
PLANK PAVER

Source
DISTRIBUTOR

Material
**CONCRETE PAVER (8K PSI)
 CONCRETE BORDER (3K PSI)**

Finish
WOOD TEXTURE

Color
GREY OR TAN

Lifespan
+50 YEARS

Maintenance
LOW

Warranty
2 YEARS



TIER 2

Manufacturer
CUSTOM FABRICATOR

Model/ Style
STAMPED CONCRETE SLAB

Source
DISTRIBUTOR

Material
**CONCRETE FIELD (3K PSI)
 CONCRETE BORDER (3K PSI)**

Finish
REINFORCED CONCRETE TOP

Color
**INTEGRATED COLOR
 GREY OR TAN**

Lifespan
+50 YEARS

Maintenance
LOW

Warranty
1 YEAR



WATER SIDE WALK SURFACE

TIER 1

Manufacturer
CUSTOM FABRICATOR
Model/ Style
PRESTRESSED CONCRETE SLAB
Source
INSTALLER
Material
CONCRETE
NO ORGANICS
Finish
REINFORCED CONCRETE TOP
NONSLIP
Color
GREY OR TAN
Lifespan
+50 YEARS
RESISTS FADING, STAINING
WATERPROOF
Maintenance
VARIES
Warranty
5 YEARS



TIER 2

Manufacturer
PERMATRACK
Model/ Style
PLANK PAVER
Source
DISTRIBUTOR
Material
CONCRETE PAVER (8K PSI)
RECYCLED MATERIAL
Finish
WOOD TEXTURE
NONSLIP
Color
GREY OR TAN
Lifespan
50-70 YEARS
NO ROT, WARP OR TWIST
Maintenance
LOW ; PRESSURE WASH
Warranty
10 YEARS



KING'S BAY RIVER WALK

WATER SIDE RAIL & GATES (SYSTEM)

TIER 1



Manufacturer
HOLLAENDER

Model/ Style
SPEEDRAIL

Source
MANUFACTURER

Material
**ALUMINUM PIPE
CUSTOM SLIP ON FITTINGS
LIGHTWEIGHT, DURABLE**

Finish
**MILL, ANODIZED OR
POWDER COAT**

Color
SILVER

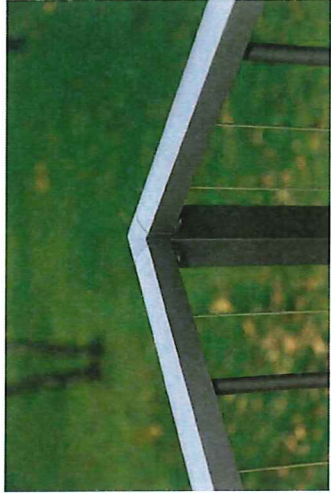
Lifespan
+30 YEARS

RESISTS LOOSENING

Maintenance
LOW

Warranty
10 YEARS

TIER 2



Manufacturer
WESTBURY

Model/ Style
VERTI-CABLE

Source
DISTRIBUTOR

Material
**ALUMINUM SQUARE TUB
ALUMINUM DOWEL
STAINLESS STEEL CABLE**

Finish
TEXTURED POWDER COAT

Color
GREY OR BLUE

Lifespan
+20 YEARS

Maintenance
LOW TO MODERATE

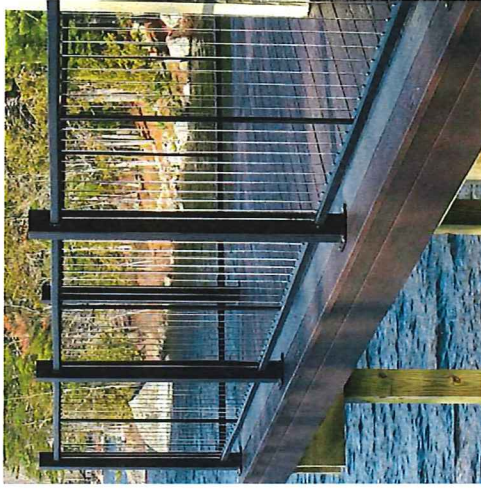
Warranty
30 YEARS



WATER SIDE RAIL & GATES (CUSTOM)

TIER 1

- Manufacturer
ADVANCED ALUMINUM
- Model/ Style
DUPLICATE MOST STYLES
- Source
FABRICATED ON SITE
- Material
ANODIZED ALUMINUM
- Finish
TEXTURED POWDER COAT
- Color
SILVER, GREY OR BLUE
- Lifespan
+20 YEARS
- Maintenance
LOW TO MODERATE
- Warranty
10 YEARS



FENCE

TIER 1



Manufacturer
AZEK

Model/ Style
DECK BOARDS

Source
DISTRIBUTOR

Material
**COMPOSITE, NO ORGANICS
INTEGRATED COLOR**

Finish
WOOD GRAIN TEXTURE

Color
GREY OR TAN

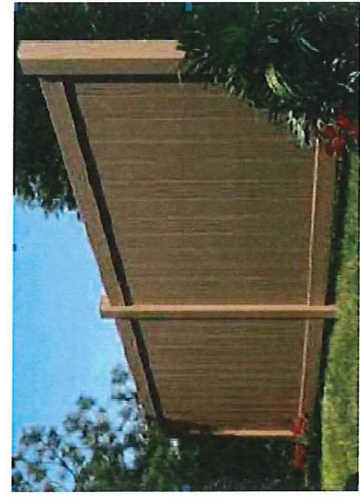
Lifespan
+20 YEARS

RESISTS FADING, SCRATCHES

Maintenance
LOW

Warranty
LIMITED LIFETIME

TIER 2



Manufacturer
DANIELLE

Model/ Style
VERTICABLE

Source
DISTRIBUTOR

Material
**COMPOSITE, NO ORGANICS
INTEGRATED COLOR**

Finish
WOOD GRAIN TEXTURE

Color
GREY OR TAN

Lifespan
+10 YEARS

RESISTS FADING, SCRATCHES

Maintenance
LOW TO MODERATE

Warranty
LIMITED LIFETIME



BENCH

TIER 1

Manufacturer
FORMS+SURFACES

Model/ Style
RATIO BENCH & CUSTOM SWING

Source
DISTRIBUTOR

Material
SOLID ALUMINUM FRAMES & OPT. STAINLESS STEEL SEATS

Finish
CLEAR COAT OR POWDERCOAT COLOR

Color
GREY / SILVER

Lifespan
15-20 YEARS

Maintenance
LOW TO MODERATE

Warranty
10 YEARS



TIER 2

Manufacturer
PATRIOT DOCKS

Model/ Style
POLY BENCH

Source
DISTRIBUTOR

Material
ALUMINUM FRAMES & STEEL H-SUPPORTS

Finish
CLEAR COAT OR POWDERCOAT COLOR

Color
GREY / SILVER

Lifespan
15-25 YEARS

Maintenance
LOW

Warranty
LIMITED LIFETIME



AREA LIGHTING

TIER 1



Manufacturer
LUMINIS

Model/ Style
SR135 SCIROCCO LED

Source
DISTRIBUTOR

Material
CAST ALUMINUM

Finish
POWDER COAT

Color
GREY OR WHITE

TIER 2



Manufacturer
BEACON

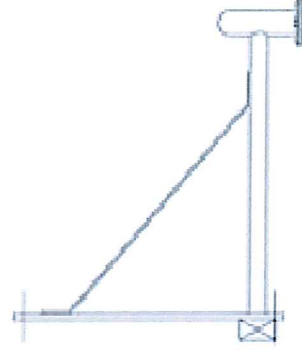
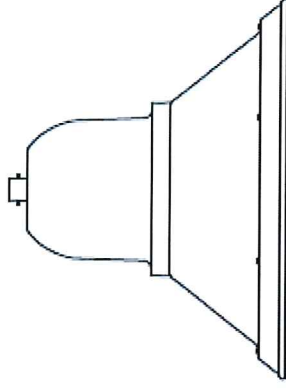
Model/ Style
MRDS URBAN 21" LED

Source
DISTRIBUTOR

Material
CAST ALUMINUM

Finish
POWDER COAT

Color
GREY OR WHITE



IN-GROUND ACCENT LIGHTING (OPTION)

TIER 1

Manufacturer
DABMAR LIGHTING

Model/ Style
LV322-SS316 LED

Source
DISTRIBUTOR

Material
STAINLESS STEEL, PVC SLEEVE

Finish
BRUSHED

Color
SILVER

Lifespan
HEAT RESISTANT

Maintenance
VARIES

Warranty
LIMITED LIFETIME

Home » LV322-SS316



© 2008 IMAGE



BIKE RACK

TIER 1

Manufacturer
DERO

Model/ Style
STOCK OR CUSTOM

Source
DISTRIBUTOR

Material
ALUMINUM PIPE

Finish
POWDER COAT

Color
BLUE OR MULTI-COLORED

Lifespan
+10 YEARS

Maintenance
LOW TO MODERATE

Warranty
LIMITED LIFETIME



BIKE RACK PROTOTYPE SKETCH



TIER 2

Manufacturer
FORMS+SURFACES

Model/ Style
CAPITOL

Source
DISTRIBUTOR

Material
SOLID CAST ALUMINUM

Finish
POWDER COAT

Color
BLUE OR MULTI-COLORED

Lifespan
+15 YEARS

Maintenance
LOW

Warranty
2 YEARS



TRASH RECEPTACLE

TIER 1

Manufacturer
CREATIVE PIPE, INC.

Model/ Style
URBAN RECLINER, 36 GALLON

Source
DISTRIBUTOR

Material
STEEL

Finish
POWDER COATED

Color
SILVER, GREY OR BLUE

Lifespan
+15 YEARS

Maintenance
LOW

Warranty
LIMITED LIFETIME



TIER 2

Manufacturer
WAUSAU

Model/ Style
TF1151, 41 GALLON

Source
DISTRIBUTOR

Material
CONCRETE/ AGGREGATE

Finish
ACID WASH OR WEATHERSTONE CITY EMBLAM OPTION

Color
WHITE OR BUFF

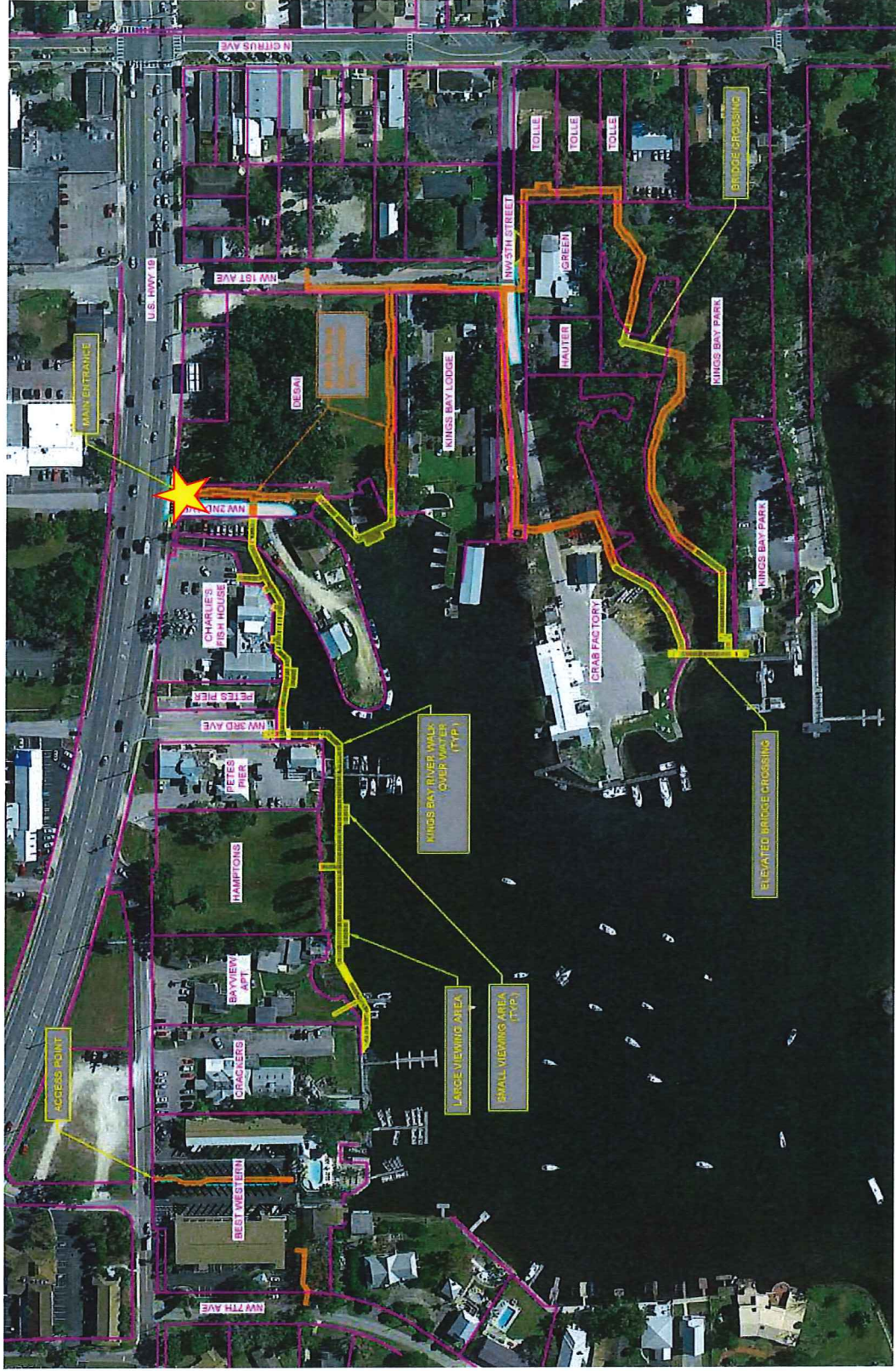
Lifespan
+25 YEARS

Maintenance
LOW

Warranty
LIMITED LIFETIME



SITE PLAN – MAIN ENTRANCE

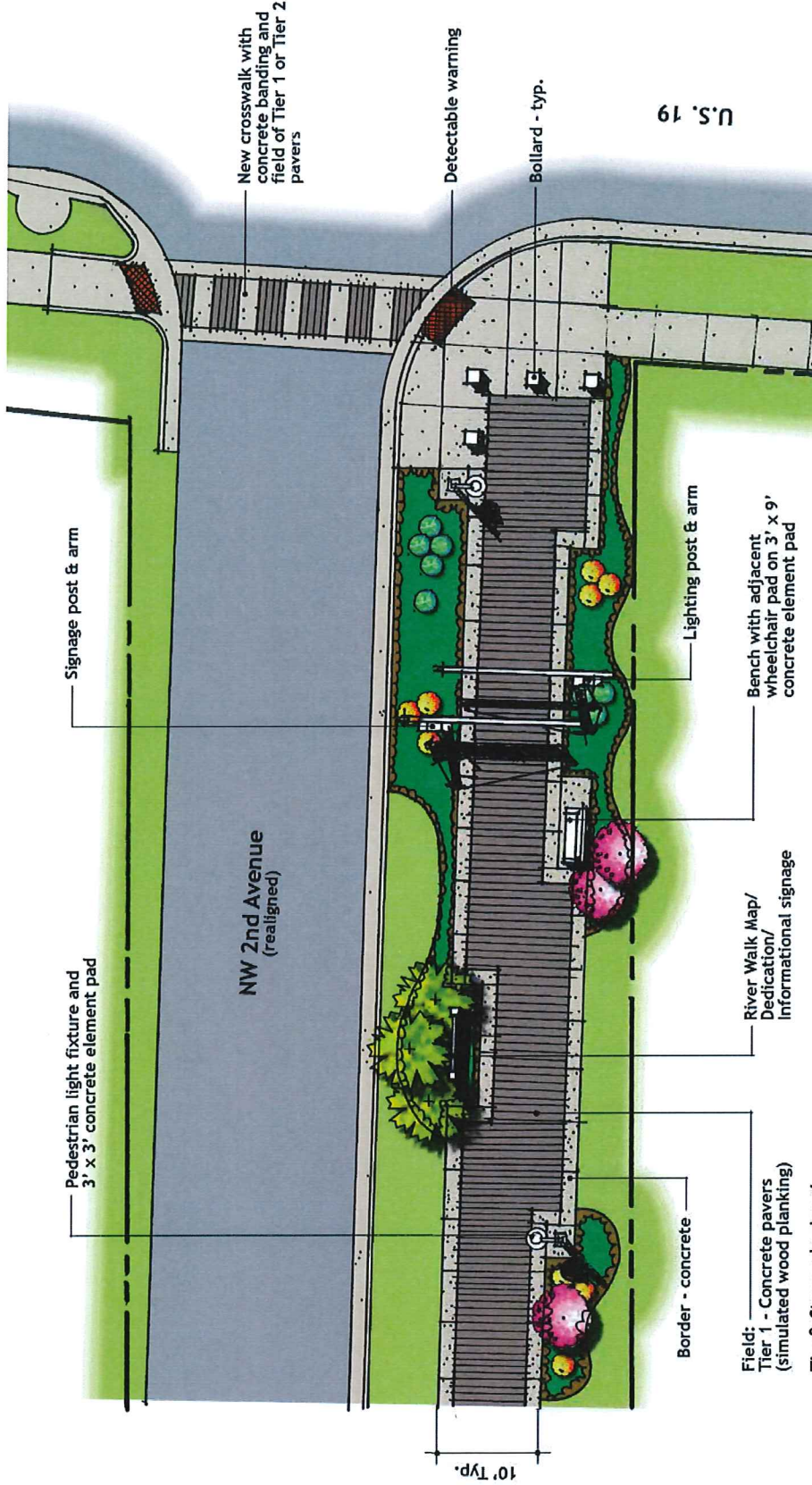


KING'S BAY RIVER WALK



Michael G. Czerwinski, P.A.
ENVIRONMENTAL CONSULTANTS *MGC*
 Phil Graham
 AVRES ASSOCIATES
ash
 The Ash Group, Inc.

MAIN ENTRANCE ENLARGEMENT

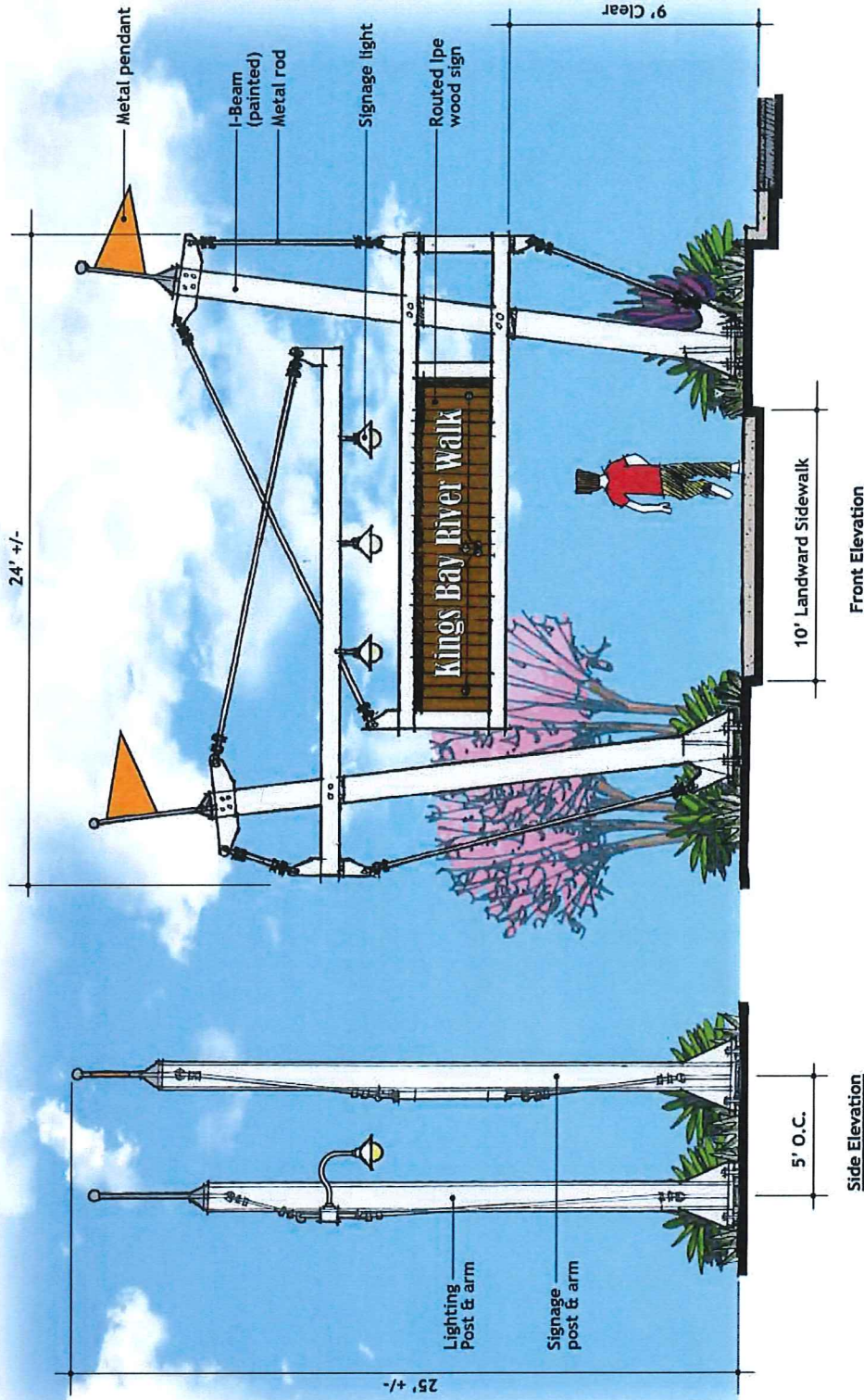


Plan View



KING'S BAY RIVER WALK

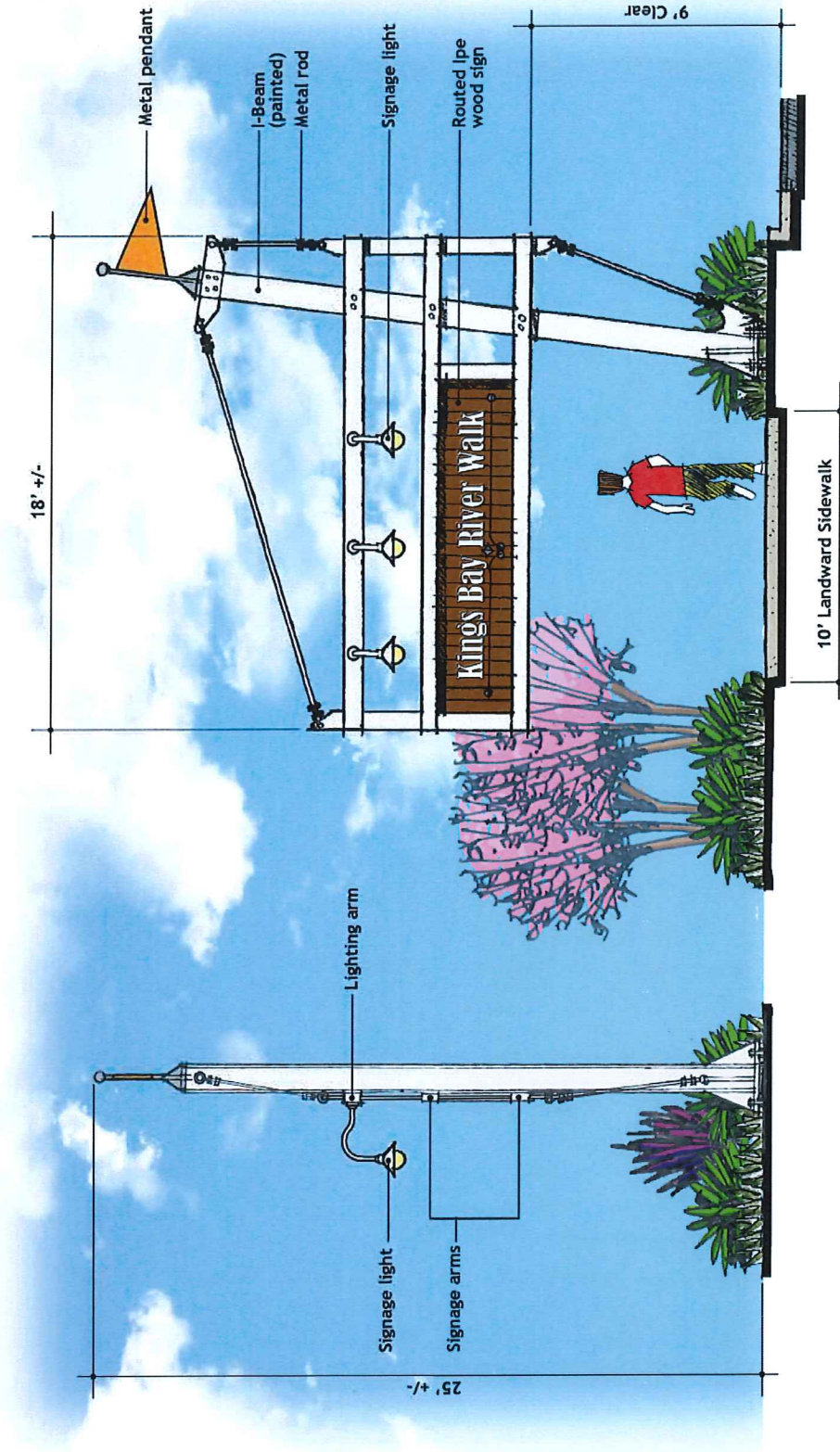
MAIN ENTRANCE SIGNAGE – TIER 1



KING'S BAY RIVER WALK

Michael G. Cervinski, P.A.
ENVIRONMENTAL CONSULTANTS MGC
 Phil Graham
AVRES ASSOCIATES
 H.A.L. CONSULTANTS
ash
 The Ash Group, Inc.

MAIN ENTRANCE SIGNAGE – TIER 2



Front Elevation

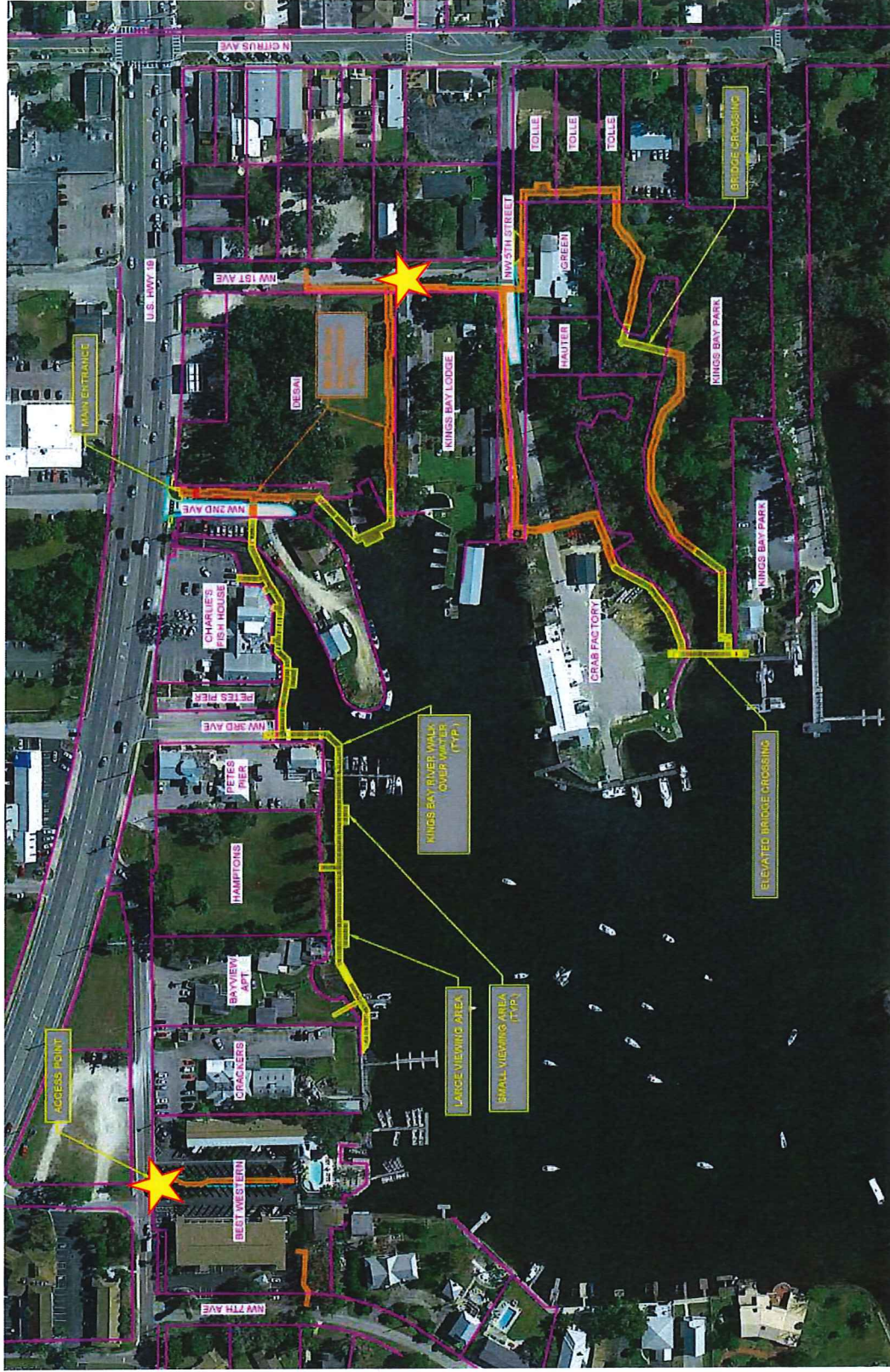
Section Elevation

Side Elevation



KING'S BAY RIVER WALK

SITE PLAN – ACCESS POINT

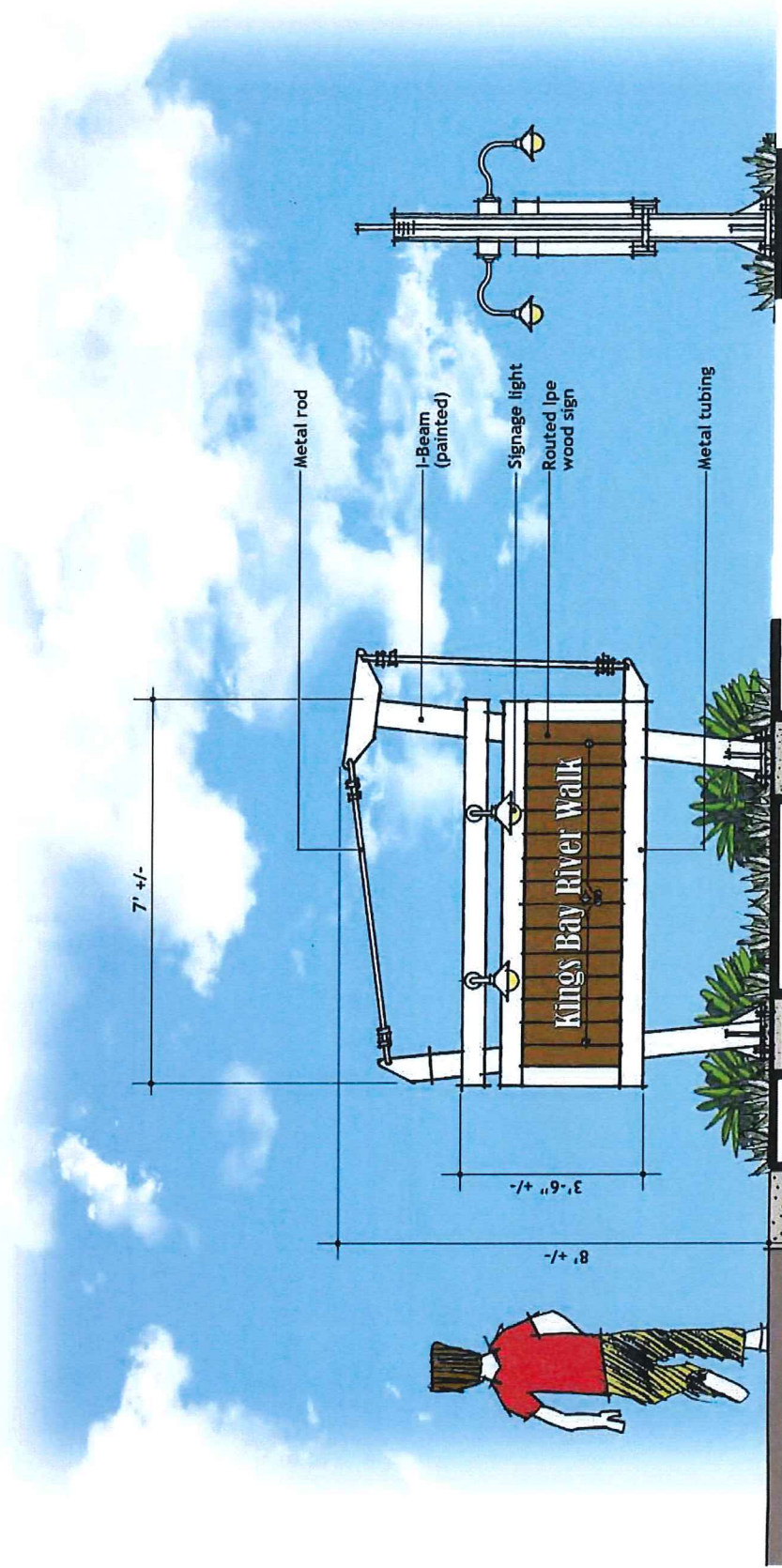


Michael G. Czerwinski, P.A.
ENVIRONMENTAL CONSULTANTS 3MGC
 Phil Graham
AVRES ASSOCIATES
 H.A.L.
Ashe
 The Ashe Group, Inc.

KING'S BAY RIVER WALK



ACCESS POINT SIGNAGE – TIER 1



End Elevation

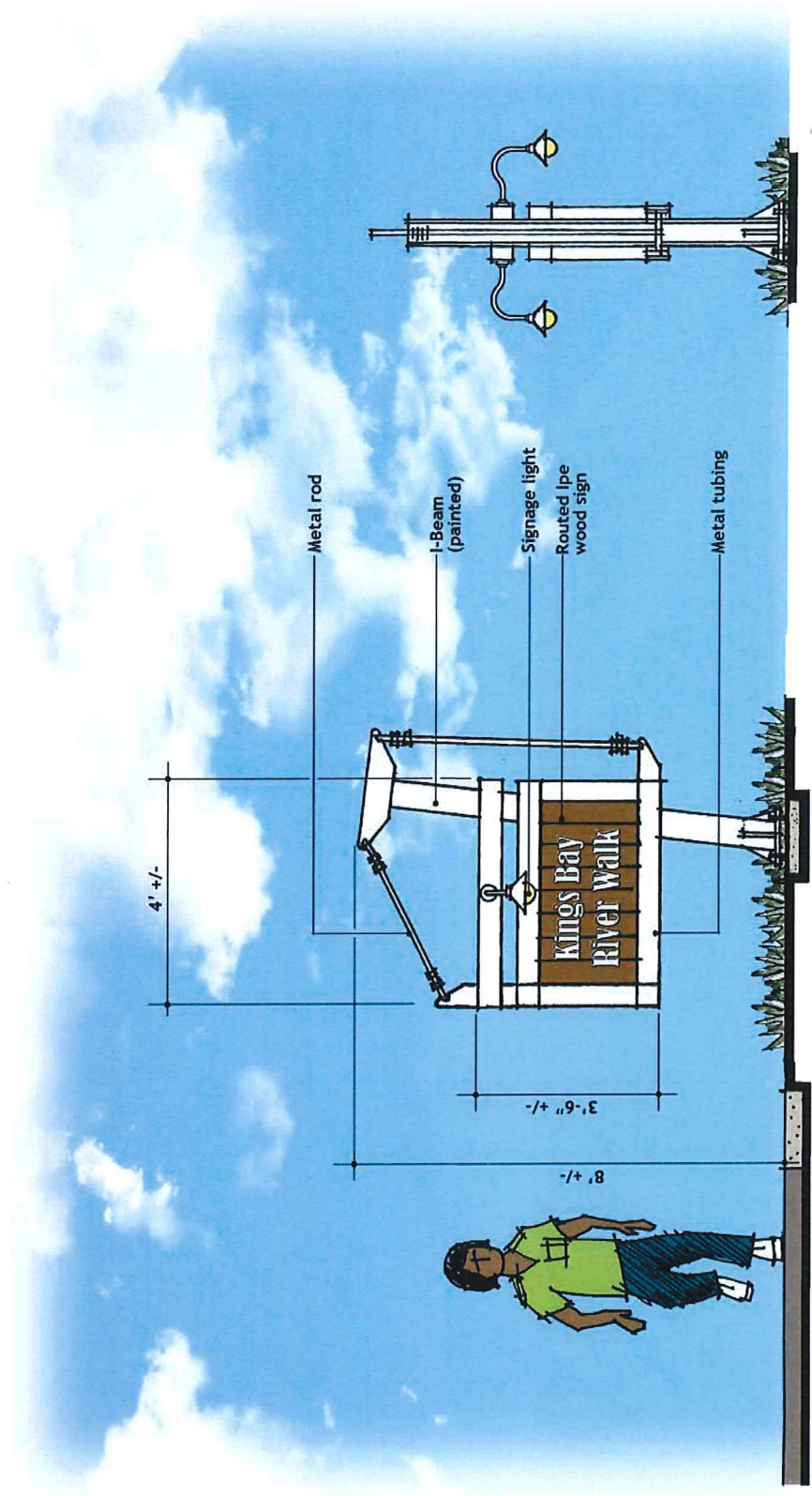
Section Elevation

Side Elevation

KING'S BAY RIVER WALK



ACCESS POINT SIGNAGE – TIER 2



End Elevation

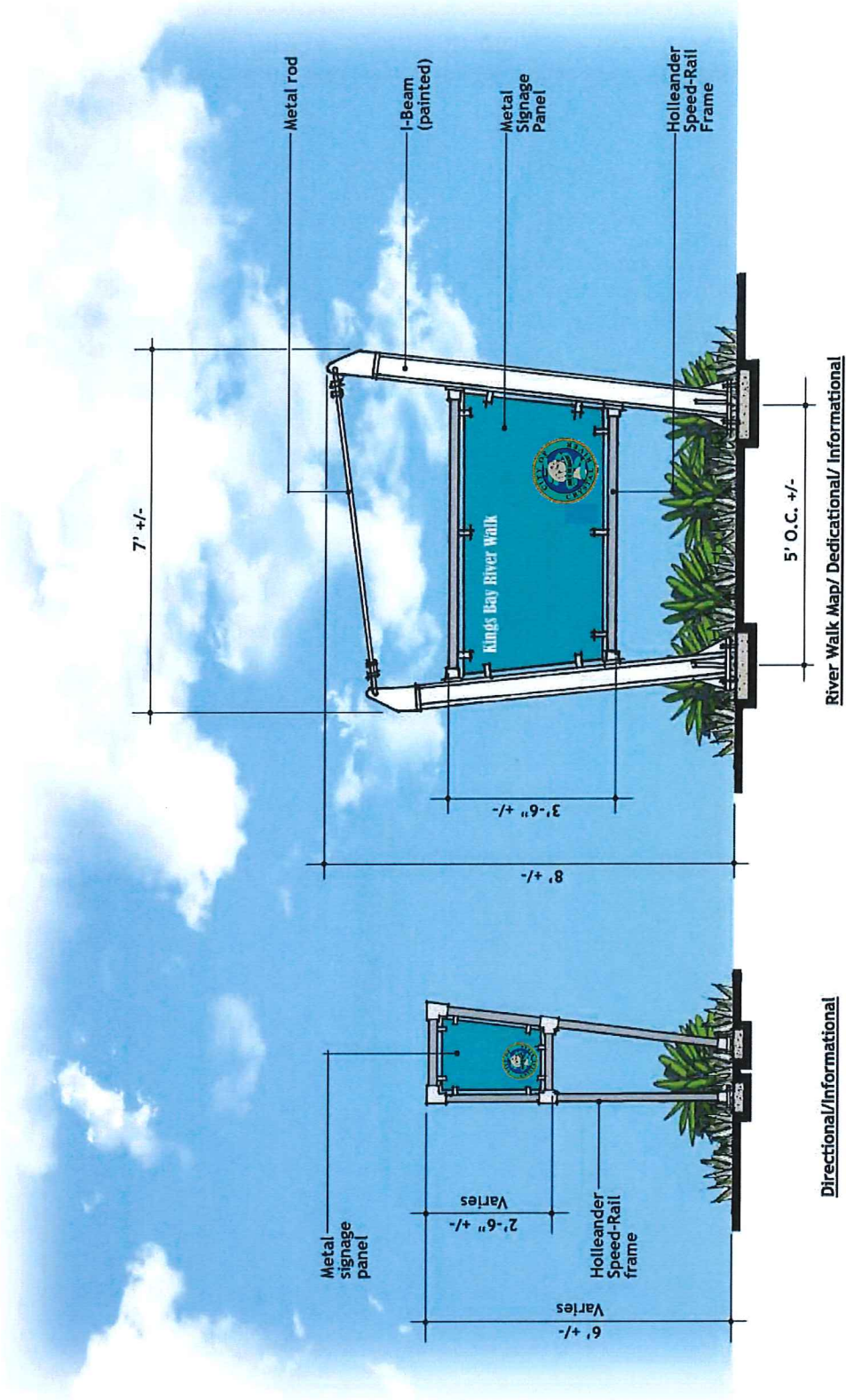
Side Elevation

Section Elevation



KING'S BAY RIVER WALK

MULTI-USE SIGNAGE – TIER 1

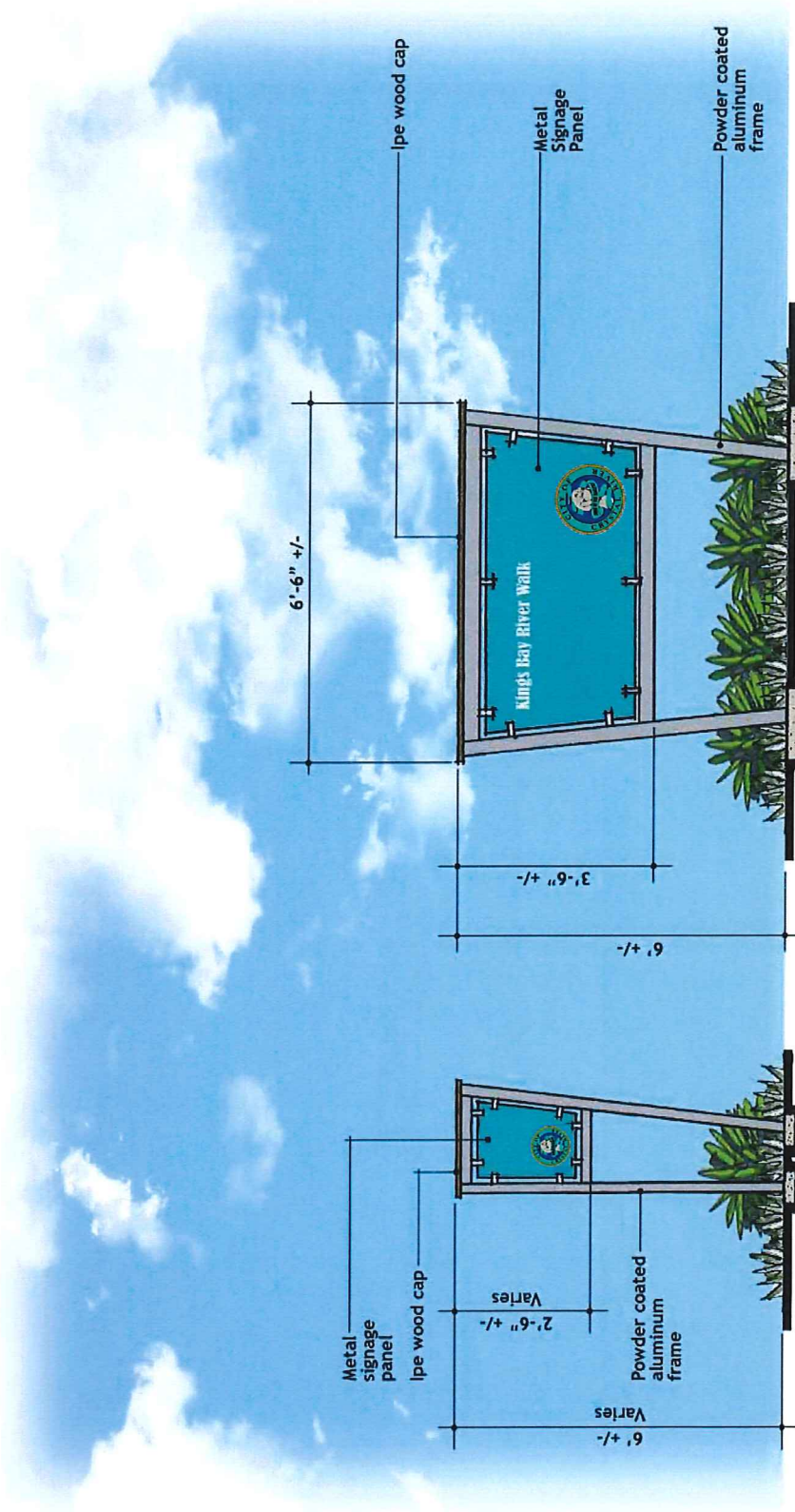


Section Elevation



KING'S BAY RIVER WALK

MULTI-USE SIGNAGE – TIER 2



Directional/Informational

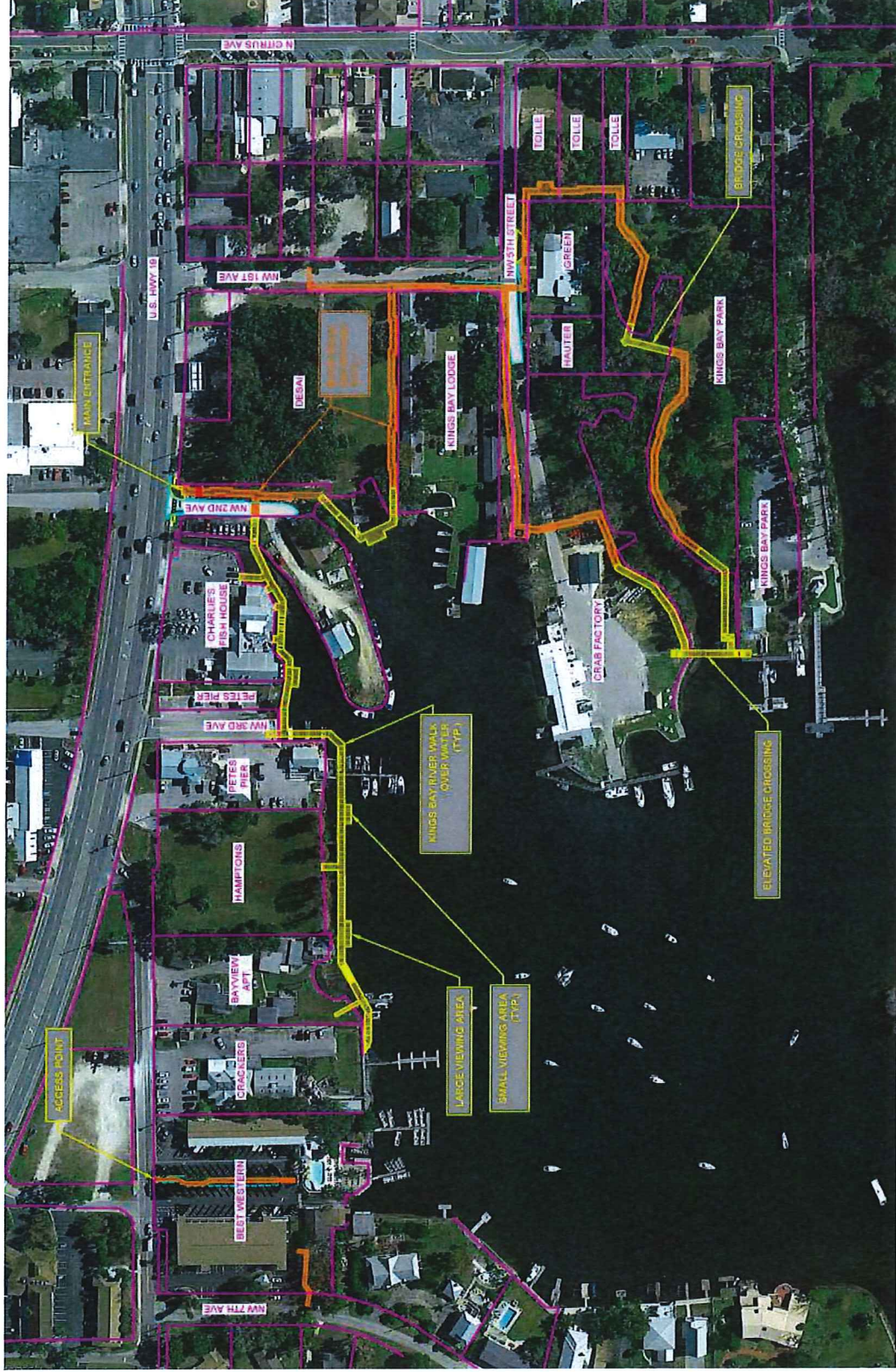
River Walk Map/Dedication/Informational

Section Elevation



KING'S BAY RIVER WALK

SITE PLAN – LAND SIDE TRAIL (ORANGE)

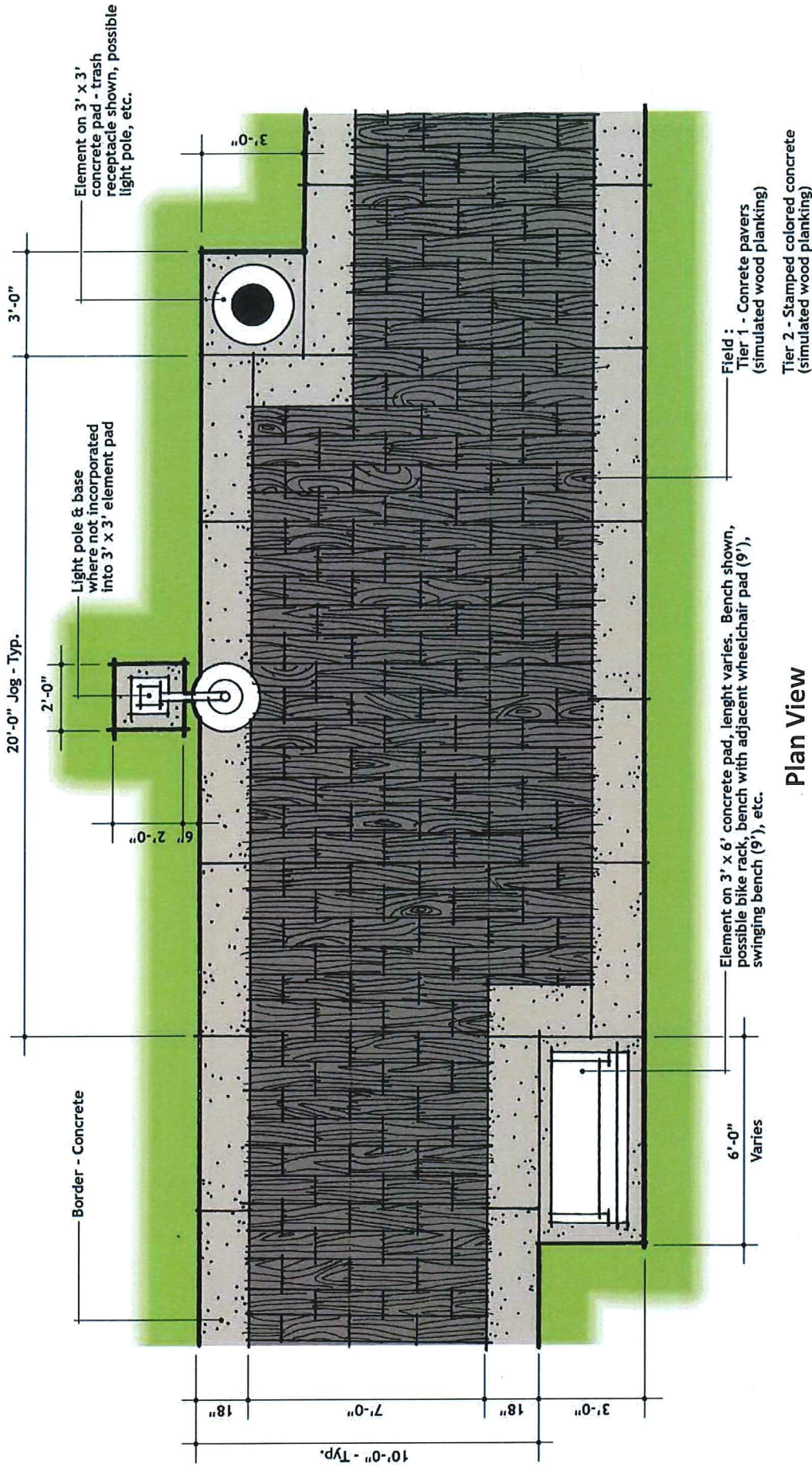


KING'S BAY RIVER WALK

Michael G. Czerwinski, P.A.
ENVIRONMENTAL CONSULTANTS *MGC*
 Phil Graham
AVRES ASSOCIATES
ASH
HALL ASSOCIATES
 The Ash Group, Inc.



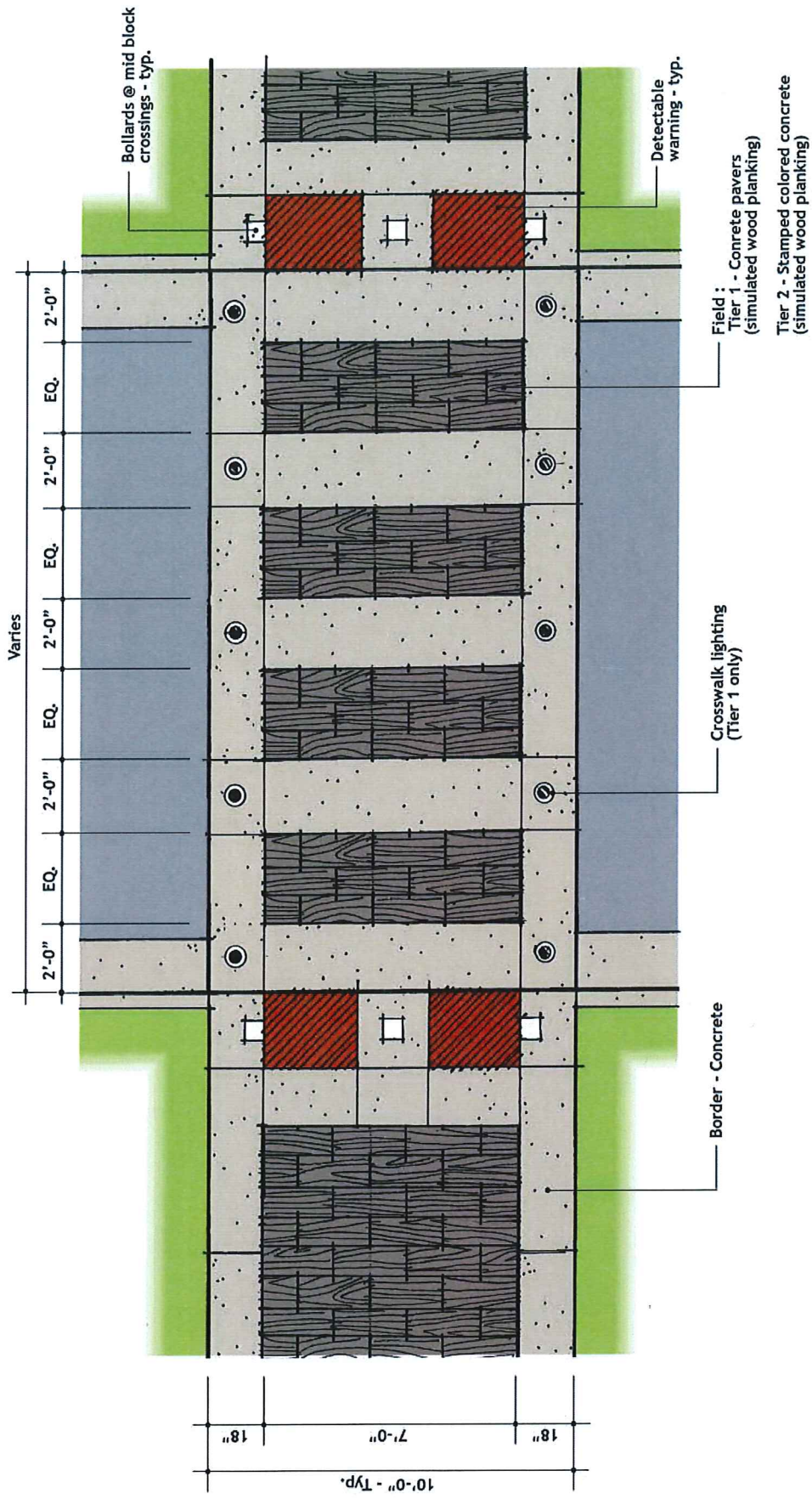
TYPICAL LAND SIDE TRAIL TREATMENT



Plan View



TYPICAL LAND SIDE CROSSWALK TREATMENT

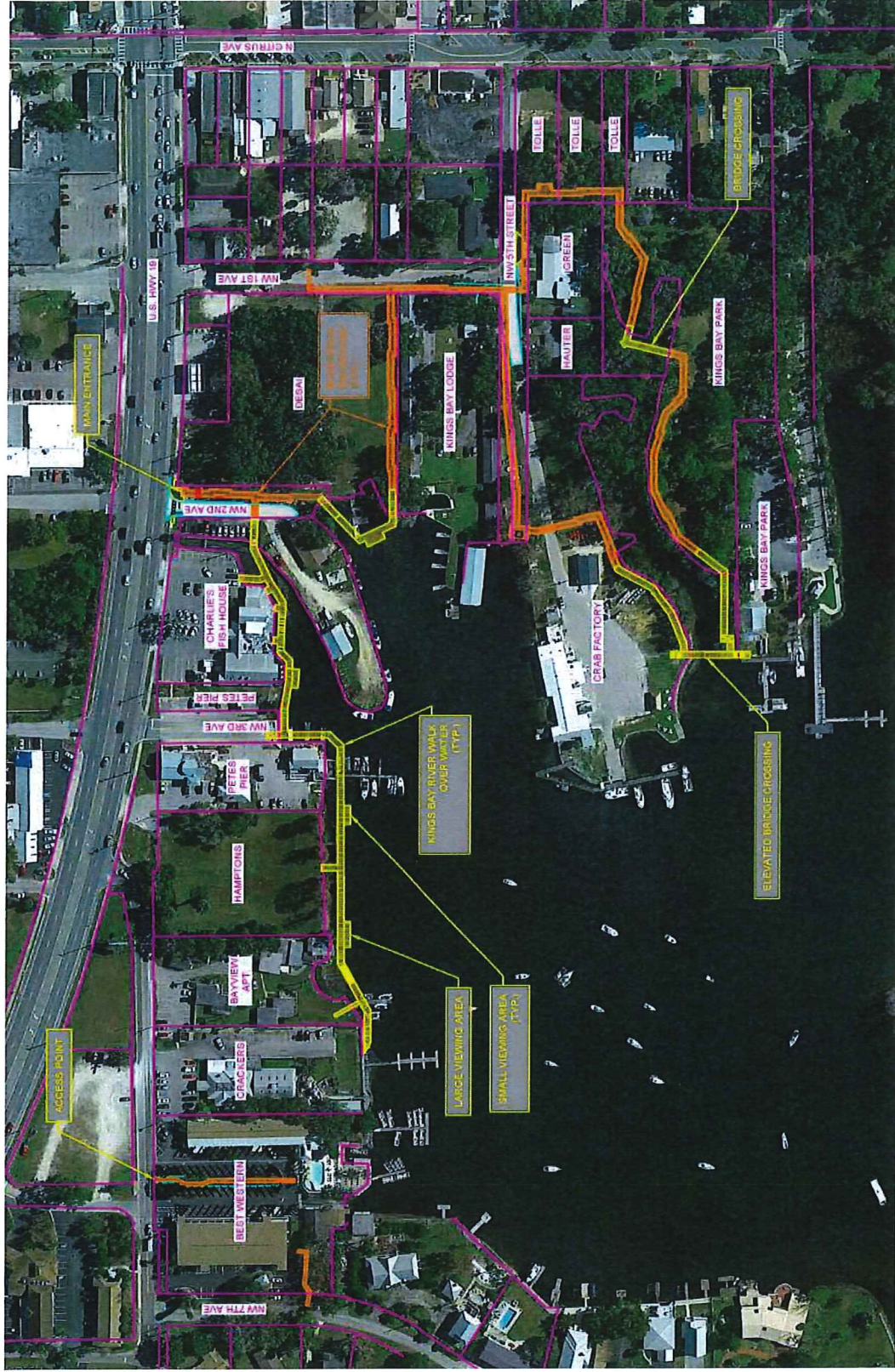


Plan View



KING'S BAY RIVER WALK

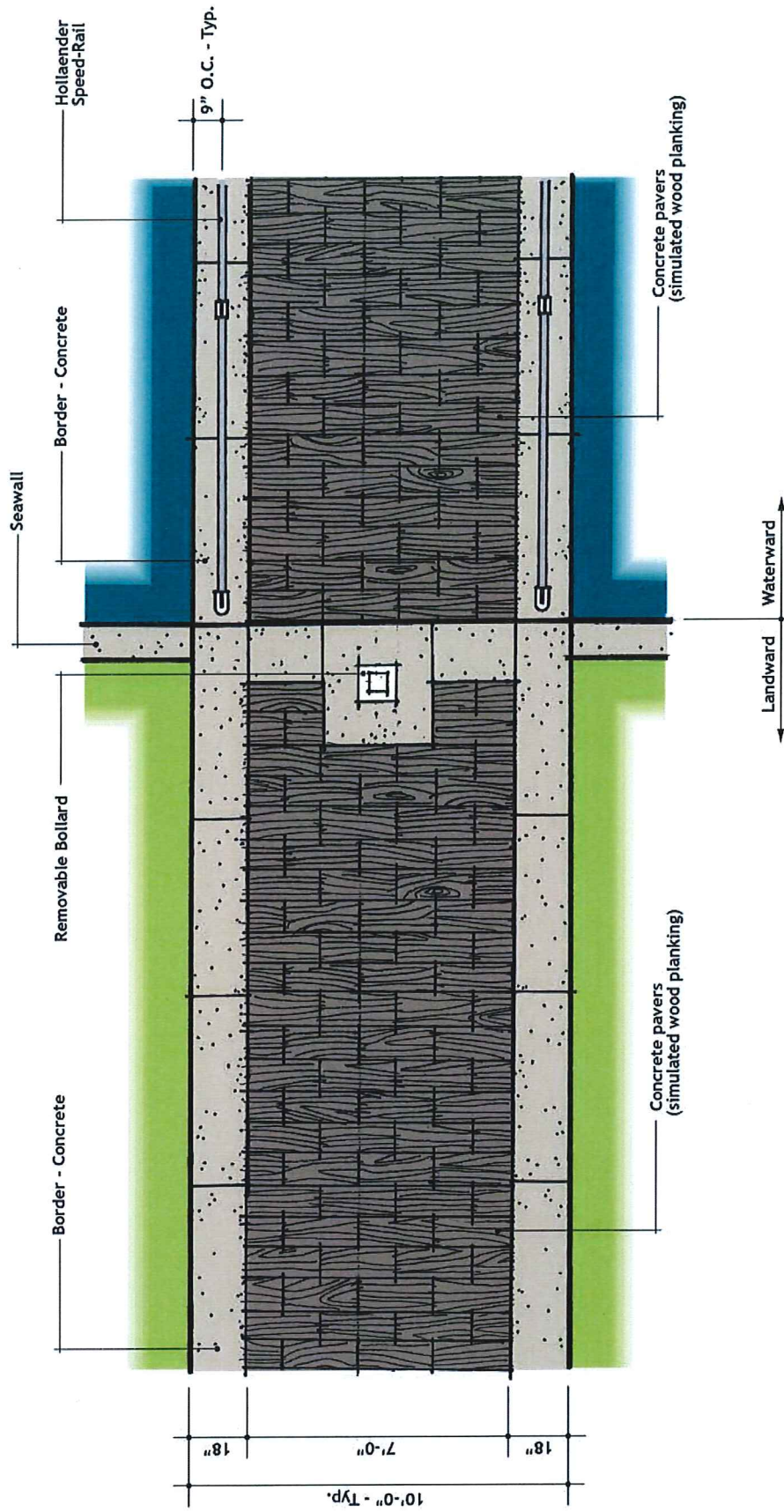
SITE PLAN – WATER SIDE TRAIL (YELLOW)



KING'S BAY RIVER WALK



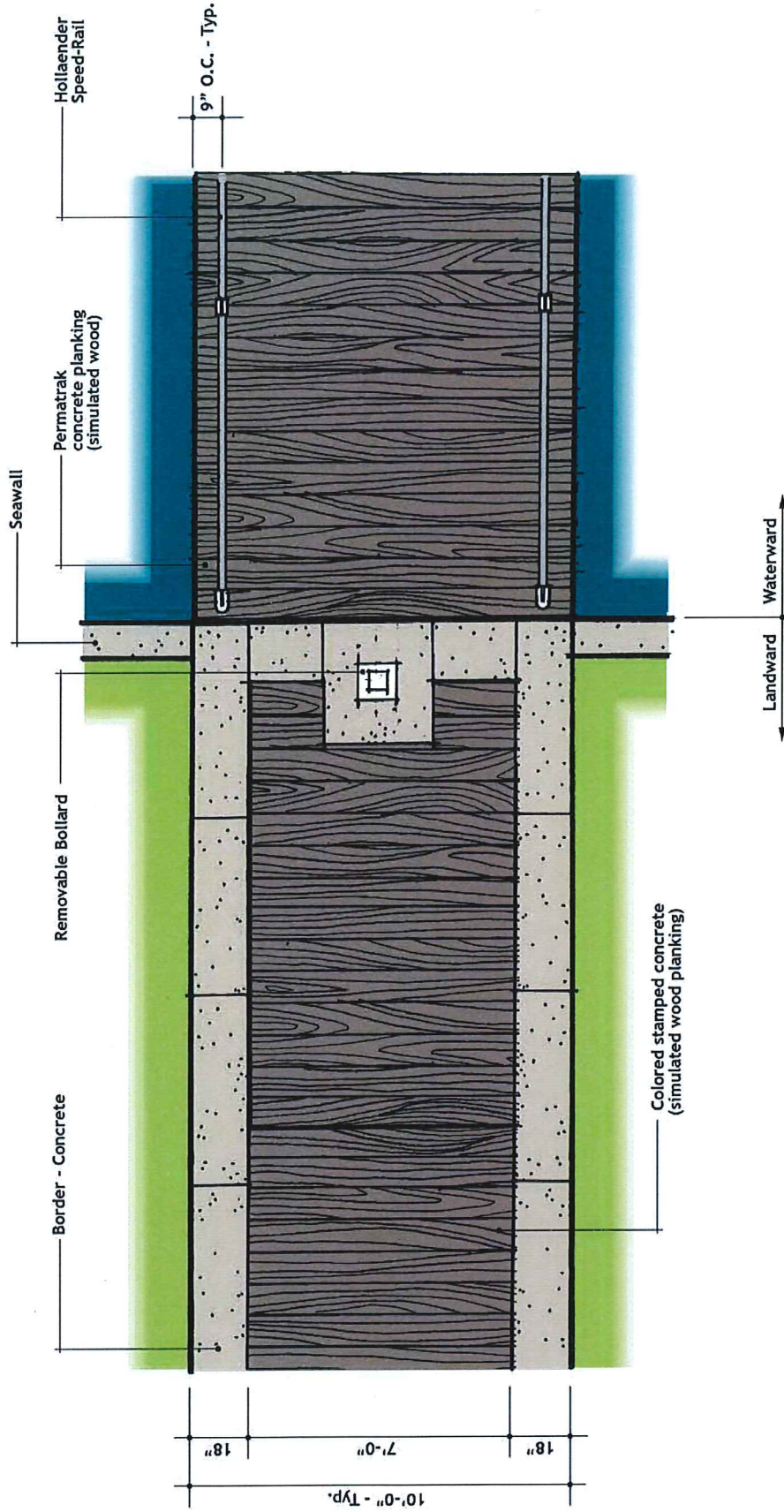
TYPICAL RIVER WALK TRANSITION TREATMENT – TIER 1



Plan View



TYPICAL RIVER WALK TRANSITION TREATMENT – TIER 2



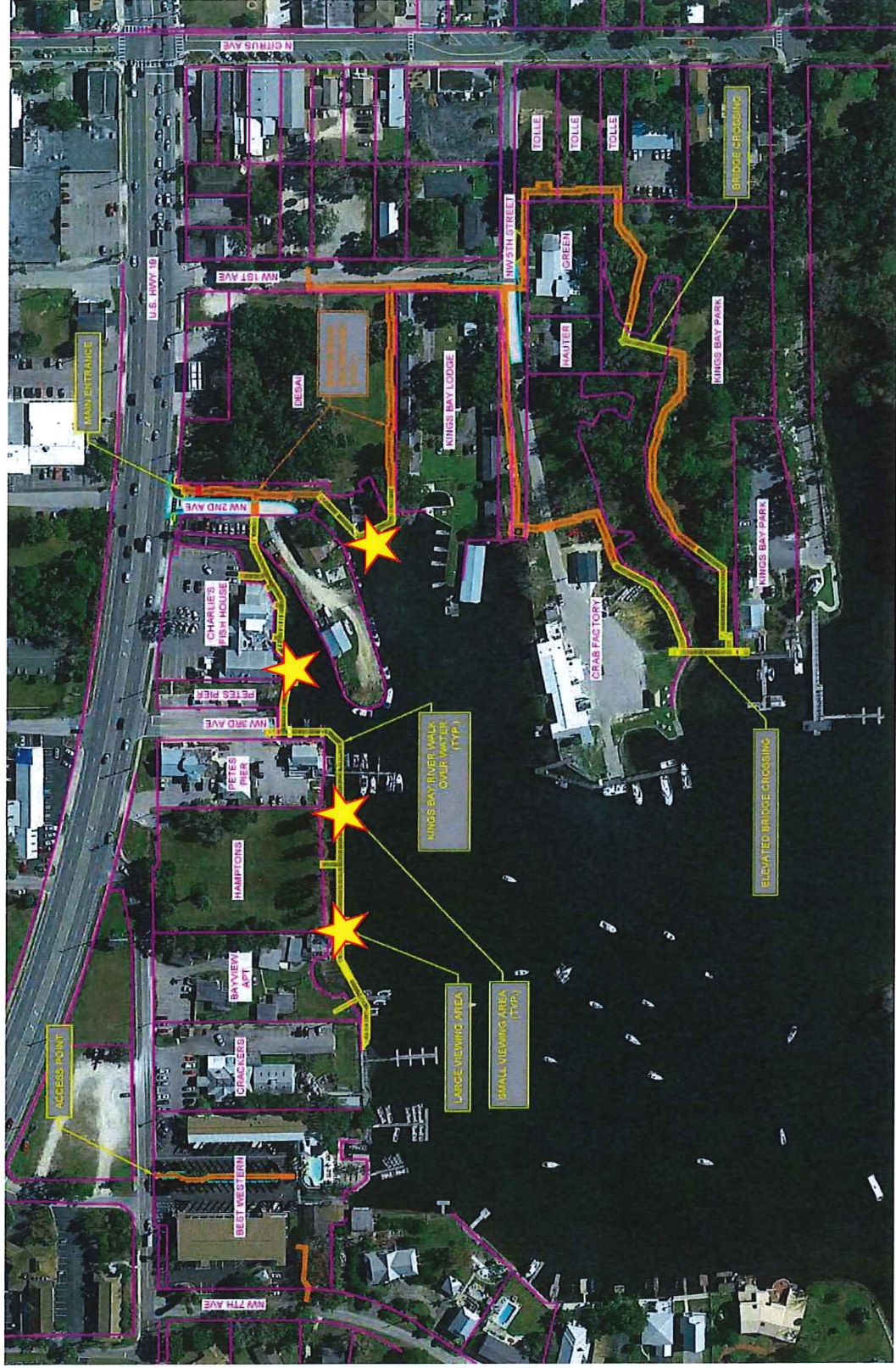
Plan View



KING'S BAY RIVER WALK

Michael G. Czerwinski, P.A.
ENVIRONMENTAL CONSULTANTS MGC
 Phil Graham, President
AVRES Associates
 HALL
 The Ashi Group, Inc.

SITE PLAN – WATER SIDE VIEWING AREAS

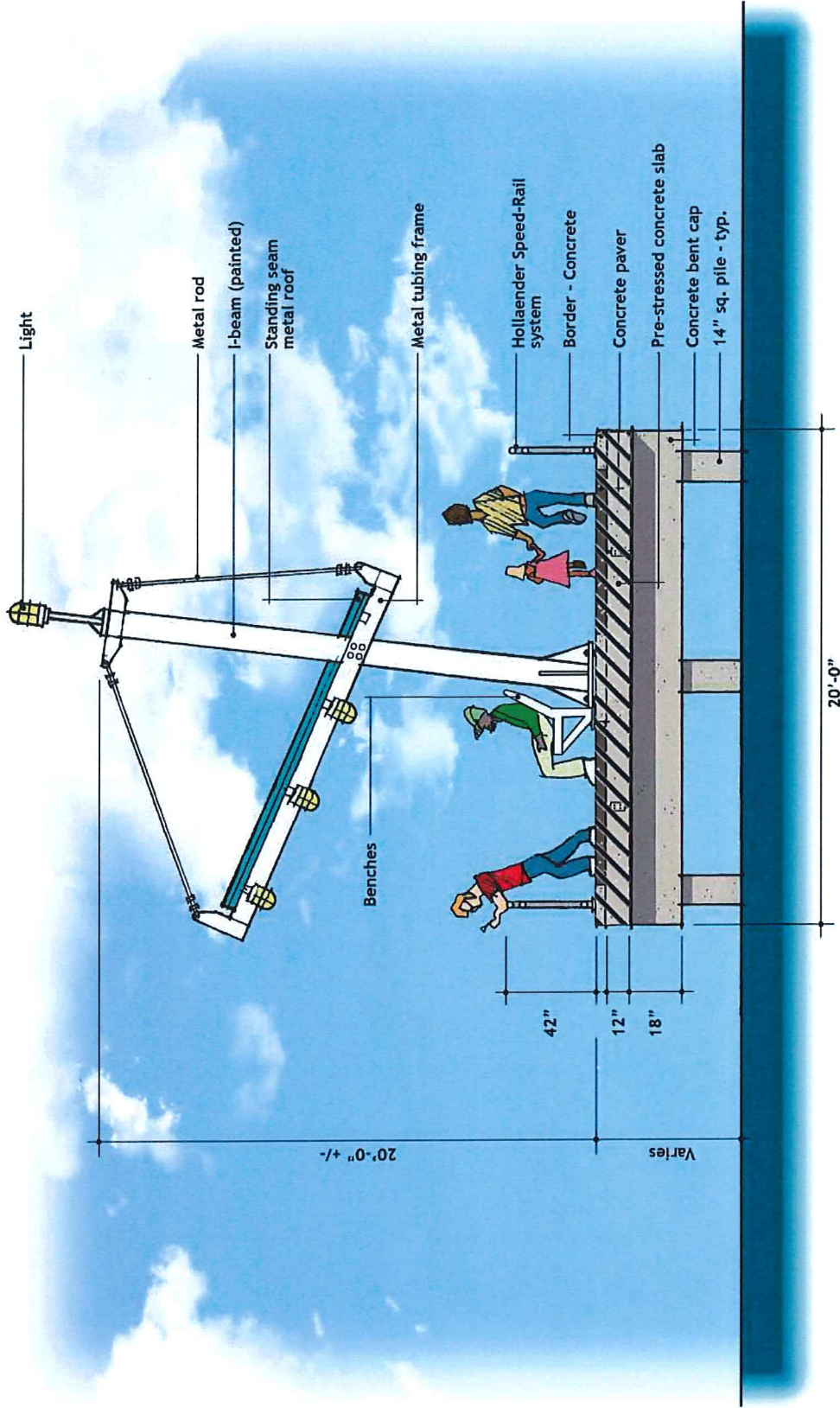


Michael G. Czerwinski, P.A.
ENVIRONMENTAL CONSULTANTS MGC
 Phil Graham
 ENVIRONMENTAL CONSULTANTS
AVRES
 ASSOCIATES
HALL
 ASSOCIATES
cash
 The Ash Group, Inc.

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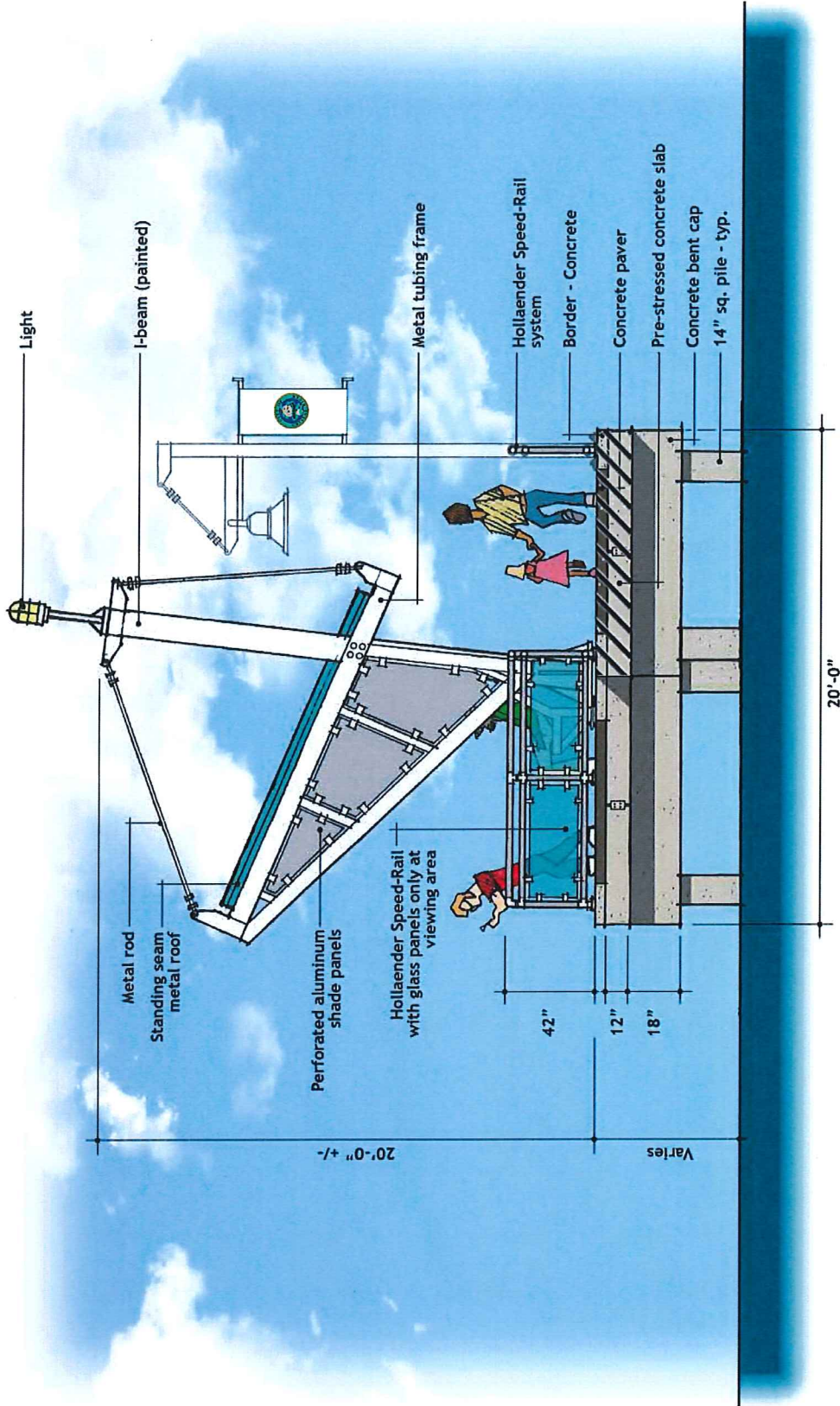
WATER SIDE VIEWING AREA – TIER 1



Section Elevation



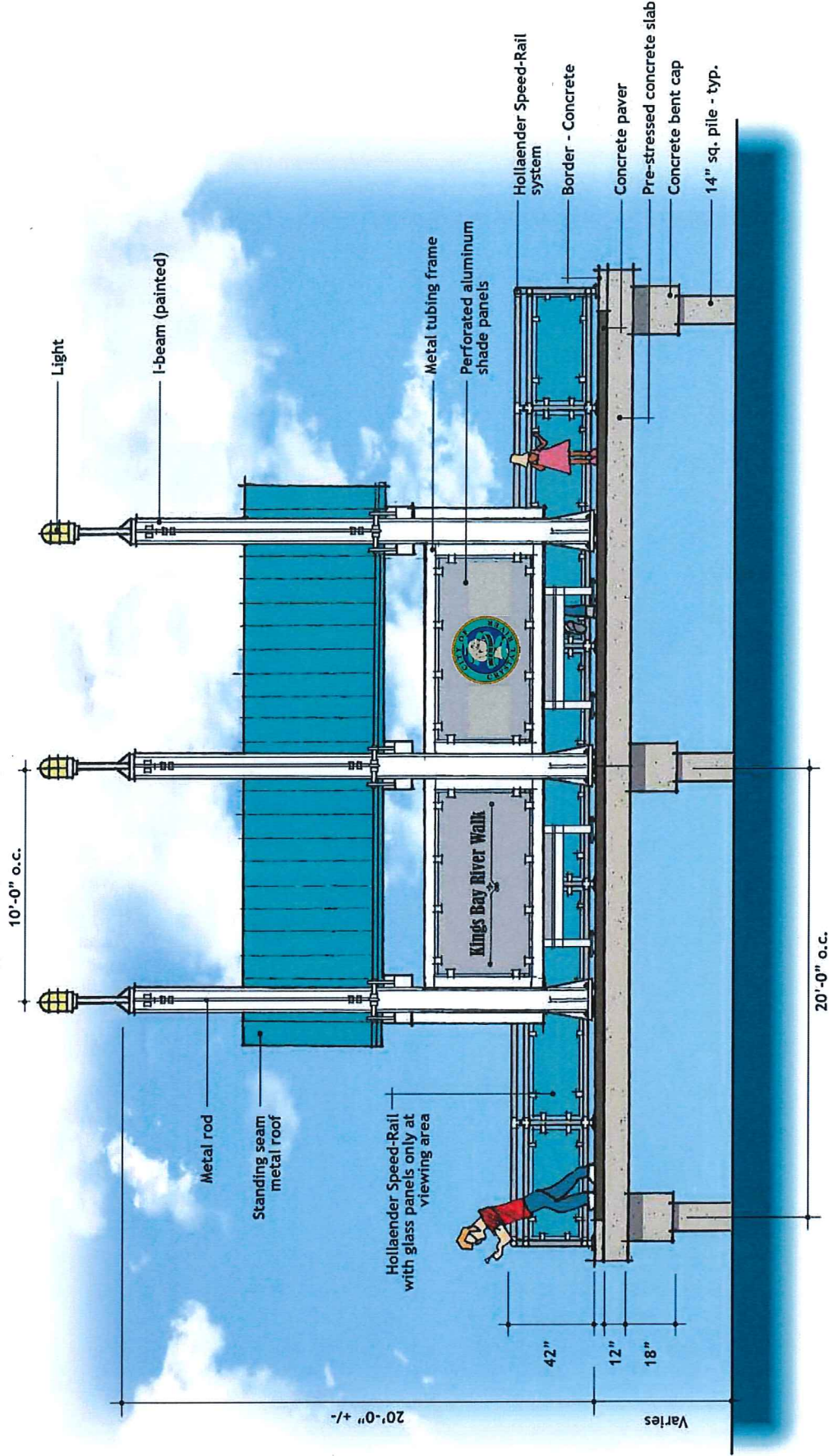
WATER SIDE VIEWING AREA (END VIEW) – TIER 1



Section Elevation



WATER SIDE VIEWING AREA (REAR VIEW) – TIER 1



Elevation *

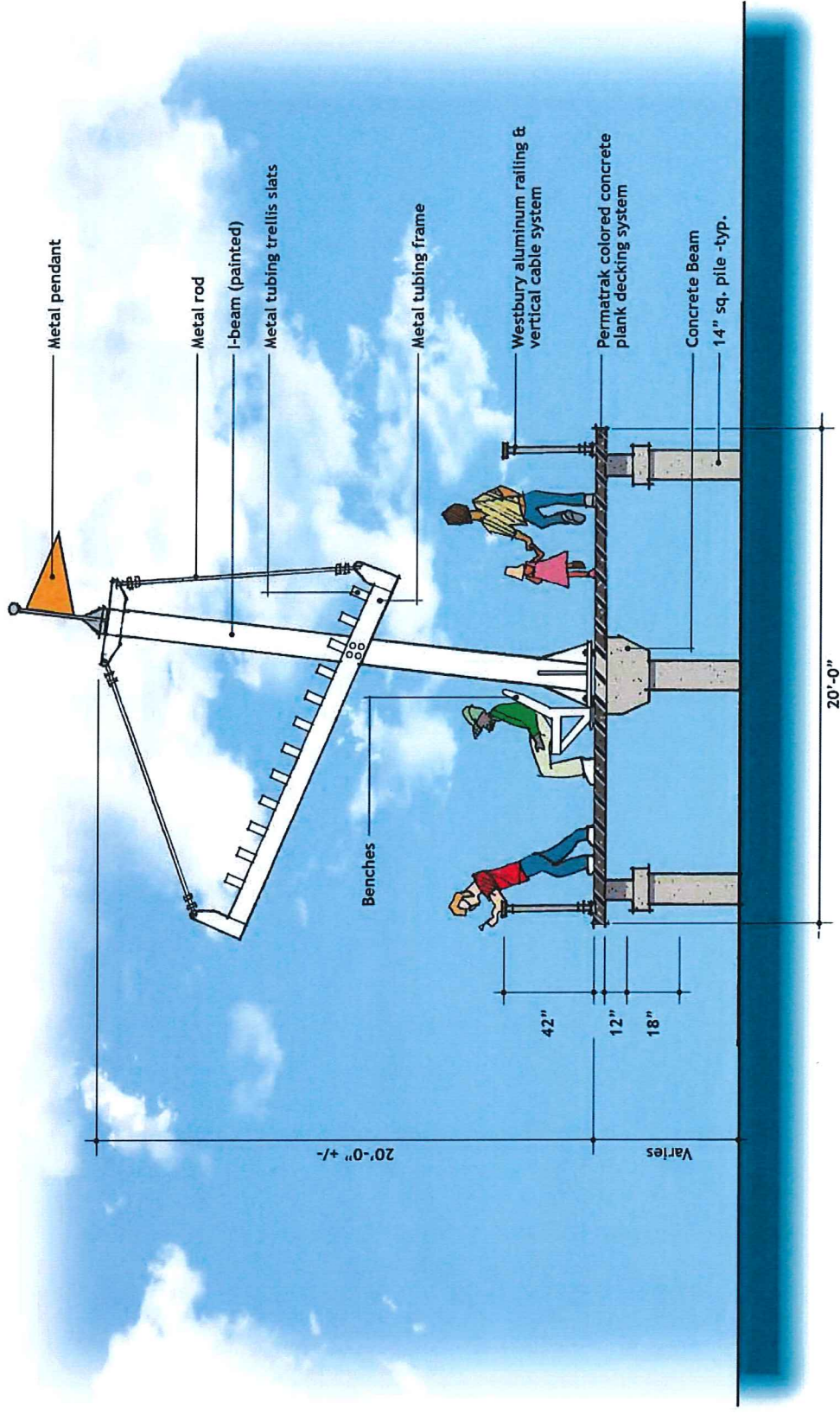
* Foreground railing has been left off for presentation purposes.

Michael G. Czervinski, P.A.
ENVIRONMENTAL CONSULTANTS MGC
 Phil Graham
ANRES
 CONSULTANTS
 HALL
 The Ash Group, Inc.



KING'S BAY RIVER WALK

WATER SIDE VIEWING AREA – TIER 2

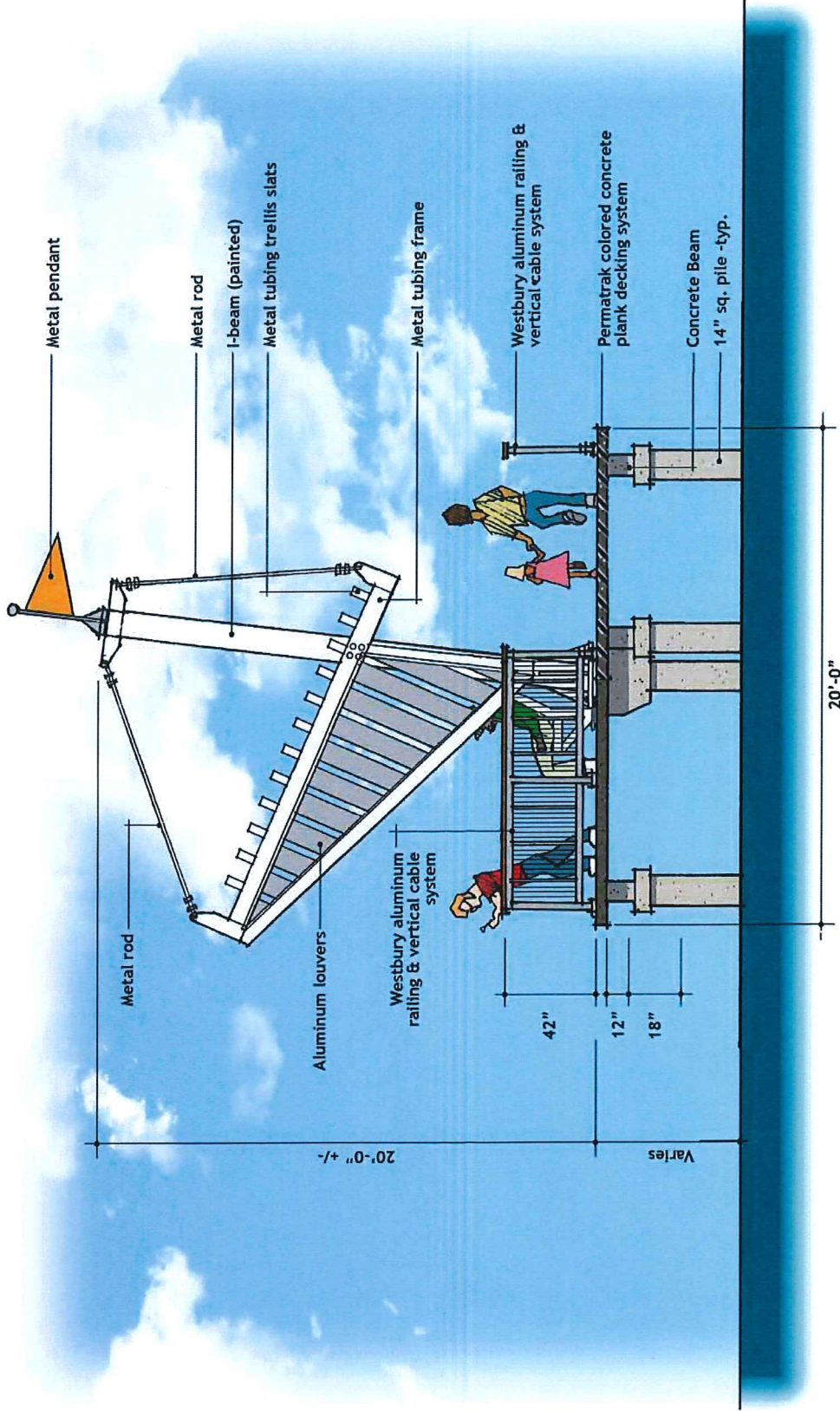


Section Elevation

KING'S BAY RIVER WALK



WATER SIDE VIEWING AREA (END VIEW) – TIER 2

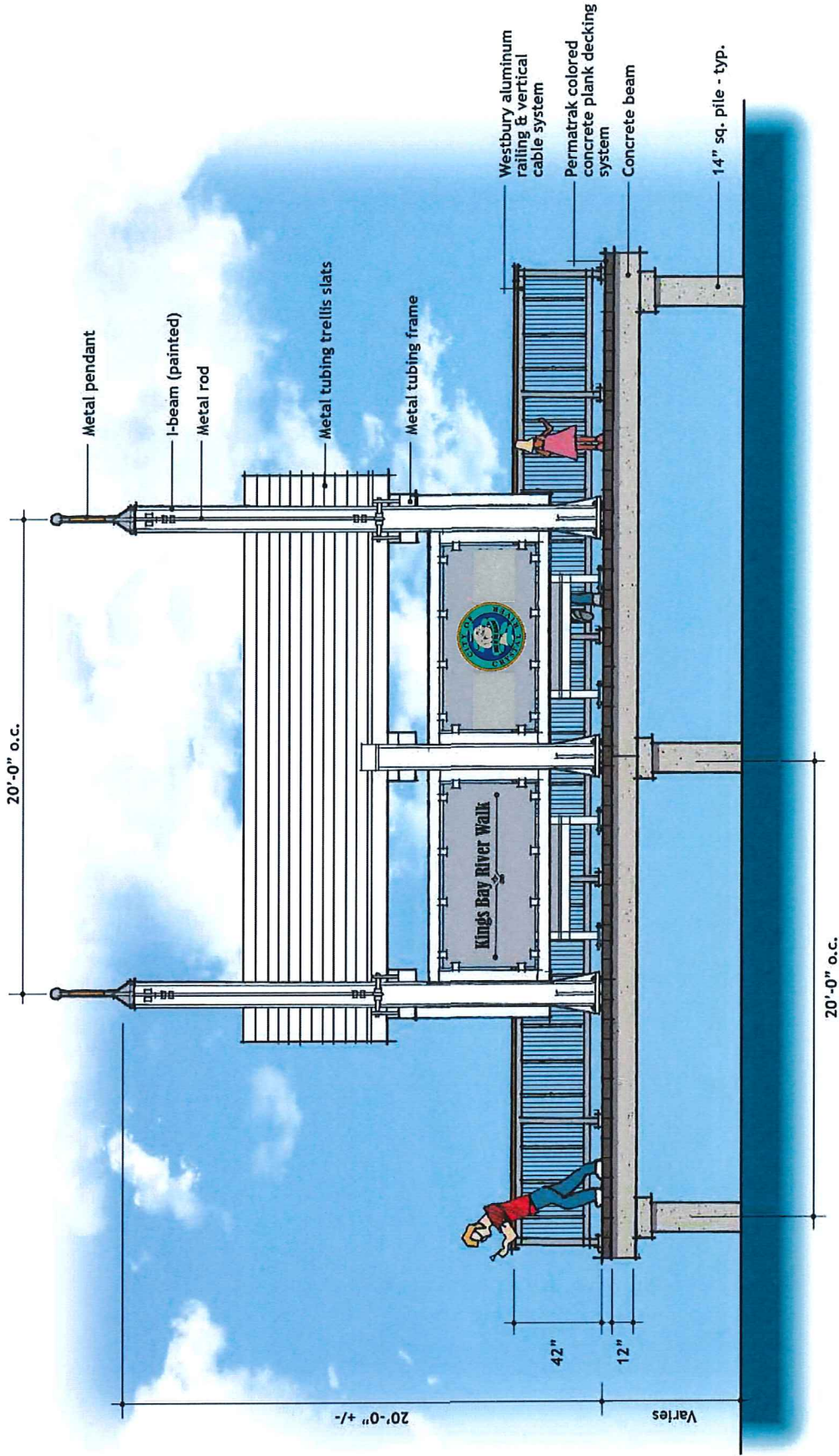


Section Elevation

KING'S BAY RIVER WALK



WATER SIDE VIEWING AREA (REAR VIEW) – TIER 2



Elevation*

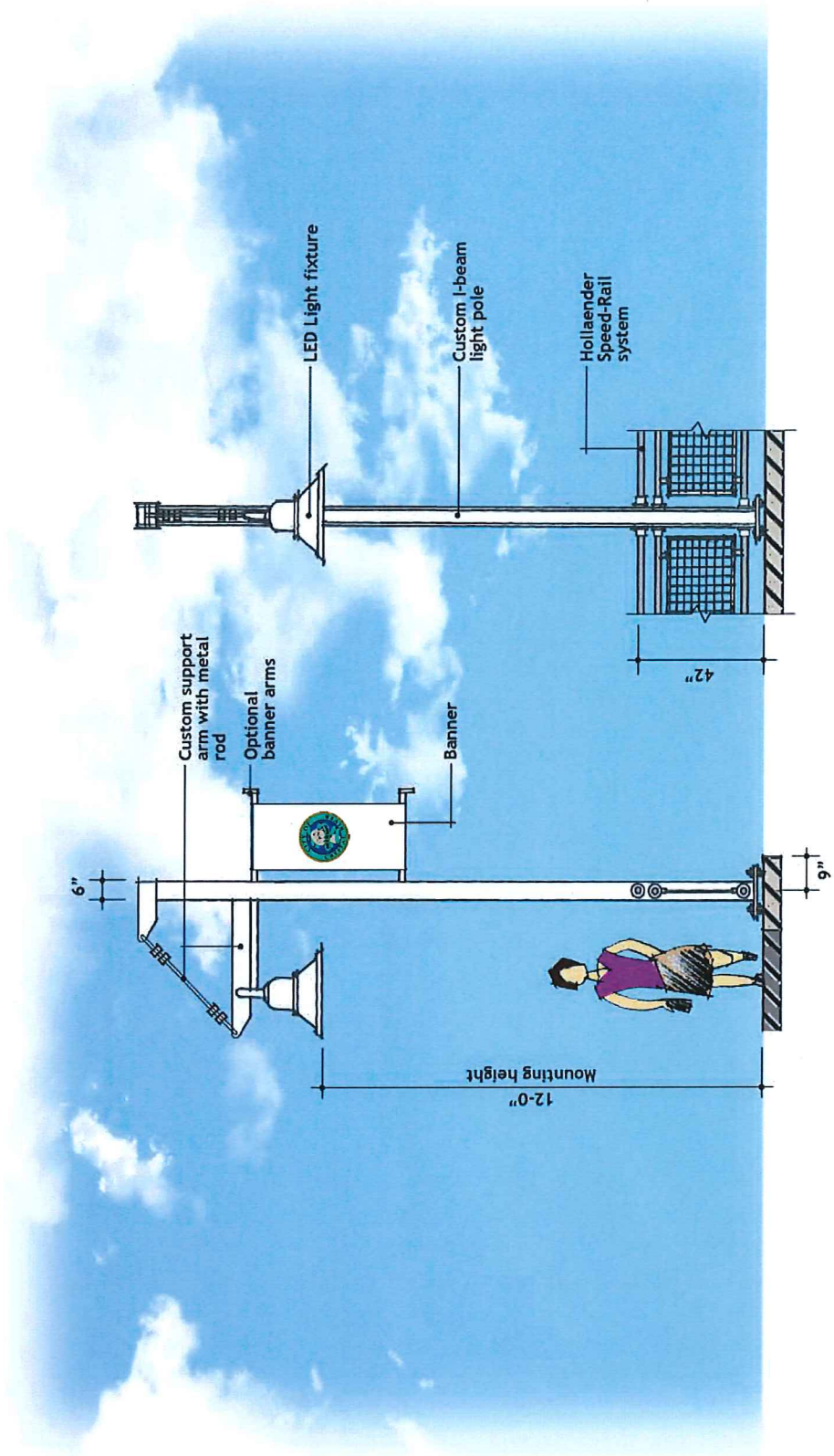
* Foreground railing has been left off for presentation purposes.

Michael G. Czerwinski, P.A.
ENVIRONMENTAL CONSULTANTS MGC
 Phil Graham
 ARES Associates
 HALL
 The Ash Group, Inc.

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TYPICAL AREA LIGHTING & RAIL – TIER 1



Front Elevation

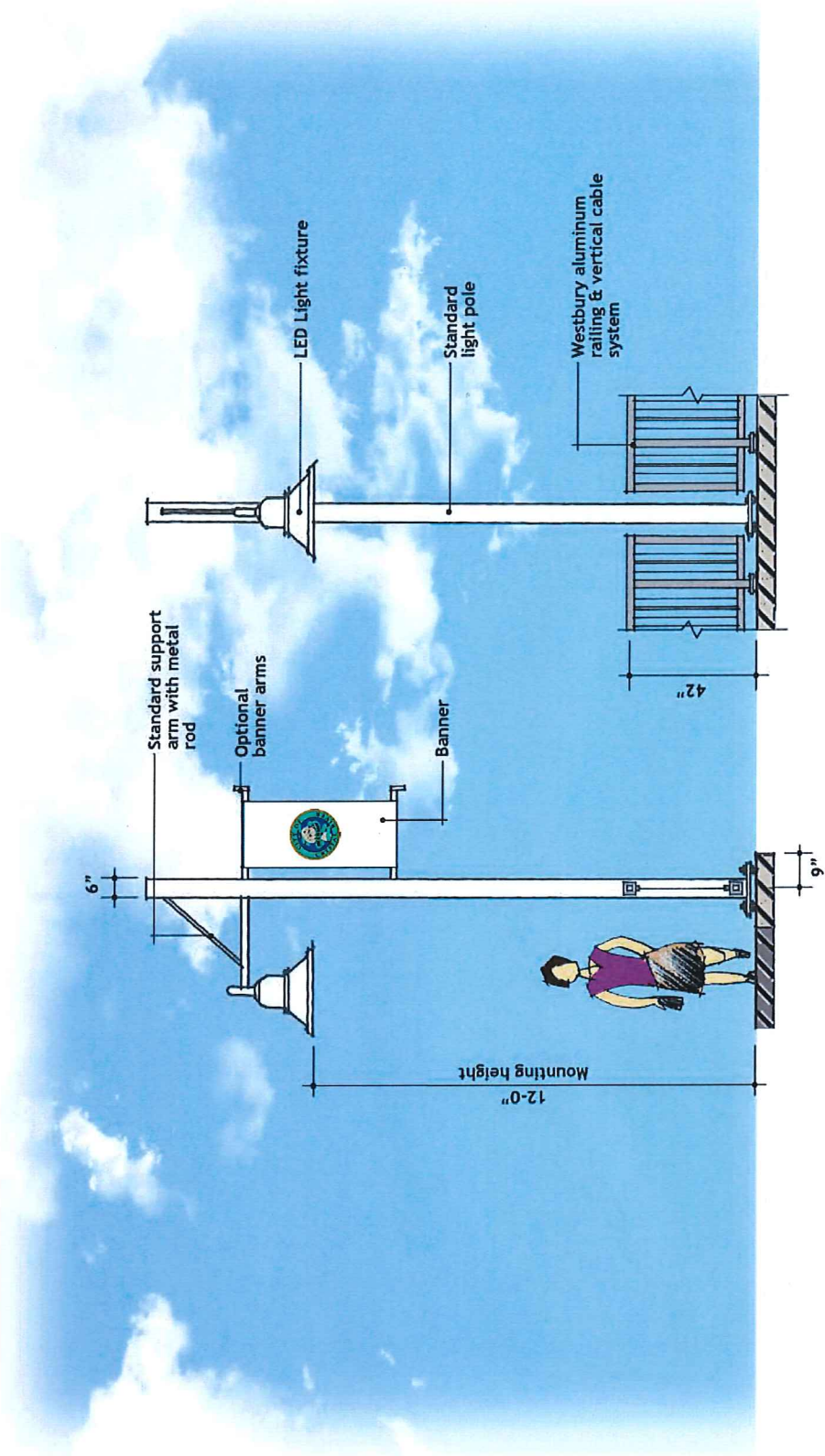
Side Section

Section Elevation

KING'S BAY RIVER WALK



TYPICAL AREA LIGHTING & RAIL – TIER 2



Front Elevation

Side Section

Section Elevation



KING'S BAY RIVER WALK



KING'S BAY RIVER WALK

Michael G. Czerwinski, P.A.
ENVIRONMENTAL CONSULTANTS MGC
AVRES ASSOCIATES
Phil Graham LANDSCAPE ARCHITECTURE
H&L H&L CONSULTING GROUP
CS&S Consulting Solutions
The Ash Group, Inc.