

CHATHAM COUNTY PURCHASING DEPARTMENT

ADDENDUM NO. 2 TO BID NO.17-0009-4

FOR: HUTCHINSON ISLAND BULKHEAD REHABILITATION

PLEASE SEE THE FOLLOWING FOR ADDITIONS, CLARIFICATIONS AND/OR CHANGES:

NOTE: SEE ATTACHED SKETCH SHEETS (3 pages) from Collins Engineering

NOTE : SEE ATTACHED PLAN SHEETS : MC 8, MC 9, MC 10, MC 11, MC 12, MC 13, MC 14, MC 15.

QUESTIONS RECEIVED:

1. Is the 100 psf live load specified in the general notes the live load surcharge? *A) Yes.*
2. Is there a barrier load that needs to be considered? *A) Yes, there is a handrail system at the top of the bulkhead. The load the handrail is required to resist is 50 lbs/LF and a concentrated load of 200 lbs.*
3. Can the engineer provide the maximum service load of the tie back at the 15' spacing shown? *A) The service load on the tie backs is 50 kips on the 15' spacing.*
4. Can we get access to the existing wall plans and possibly the building plans where the foundation encroaches on the tie-back zone? *A) Please see the attached drawings of the existing conditions.*
5. In the Special Conditions of the project package, item #12 references Storm Drainage. Please provide plan and section views of where this will be located if new is required or if existing will be modified. Provide as-builts of existing if available. *A) The storm drainage special condition is a generic item used on all county projects in case storm drainage is required. It is not anticipated to be used on this project.*
6. Please provide as-builts in reference to utilities if available. *A) There are no as-built drawings available for utilities. The contractor must field verify.*
7. In the specifications for the Concrete Formwork, item #1.7 Qualifications states that the design of the formwork must be under the direct supervision of a PE licensed in the State of South Carolina. Is this a typo? *A) Yes, this should be performed under PE Licensed in Georgia.*

8. Please provide a typical section of a front view at the sea wall showing extents of channel whaler. Is the channel whaler continuous? If continuous, please provide splice details. *A) Channel Whaler is continuous. See attached sketch for splice.*
9. Please provide welding details for steel fabrication. *A) See attached sketch.*
10. Please provide elevation and quantity of existing weep holes. *A) Field Verify.*
11. Please provide more information on the 6"x6" Stainless Steel Mesh – extents, location, attachment locations/detail/quantity. *A) See attached Sketch.*
12. Drawing G-1 Structural Steel note 5 states that the tie-rods should be coal tar epoxied. If the rods and hardware are pre-coated, these will be damaged during installation. Is there any other acceptable method or coating (HDG) that can be used in place of coal tar epoxy? *A) No, coal tar epoxy is required. Provide touch up paint for areas damaged.*
13. Please provide specifications for installation and tensioning requirements for tie-rods. Please provide a specified time of when contractor is allowed to begin tensioning tie-rods on 7 day cured grade beam. *A) Tie rods are to be snug tightened after 7 days of concrete grade beam cure.*
14. Will there be a line item added to address demolition of existing planters, stairs, or anything that is in the pathway of proposed grade beam? *A) No line item will be added for the removal of these items. The grade beam will be field adjusted to avoid if necessary.*
15. Is the 100 psf live load specified in the general notes the live load surcharge? *A) Yes.*
16. Is there a barrier load that needs to be considered? *A) Yes, there is a handrail system at the top of the bulkhead. The load the handrail is required to resist is 50 lbs/LF and a concentrated load of 200 lbs.*
17. Can the engineer provide the maximum service load of the tie back at the 15' spacing shown? *A) The service load on the tie backs is 50 kips on the 15' spacing.*
18. Can we get access to the existing wall plans and possibly the building plans where the foundation encroaches on the tie-back zone? *A) Please see the attached drawings of the existing conditions.*
19. Are the brick pavers to be reused or are they to be new? *A) Reuse the pavers and removed material if possible. With the inclusion of additional material to serve as a filter barrier(not currently installed), the county is hoping that the material can be reused without the cost of haul out / haul in.*

Revisions to responses to Questions listed on Addendum 1:

1. How is Item 2 (Excavation) measured and paid? Is it a determined quantity? Meaning if we excavate 4000CY, do we only get paid 3400CY or is it actual surveyed cubic yards?

I didn't see a spec section in the ITB or any measure and payment notes in the plans.

A) Provide unit price and pay will be based on actual surveyed quantity.

2. How is Item 9 (Replace excavated material and compact) measured and paid? Is it a determined quantity? Meaning if we backfill 4000CY, do we only get paid 3400CY or is it actual surveyed cubic yards? I didn't see a spec section in the ITB or any measure and payment notes in the plans.

A) Provide unit price and pay will be based on actual surveyed quantity.

3. How is Item 10 (Remove and Replace Brick Pavers) measured and paid? Are we paid a neat line square footage (i.e. length of bulkhead X distance from bulkhead to backside of the grade beam) or are we paid actual SF needed to build the job? I didn't see a spec section in the ITB or any measure and payment notes in the plans.

A) Provide unit price and pay will be based on actual surveyed quantity.

BID OPENING REMAINS:

2:00 PM, WEDNESDAY, MARCH 8, 2017

3/3/17

DATE



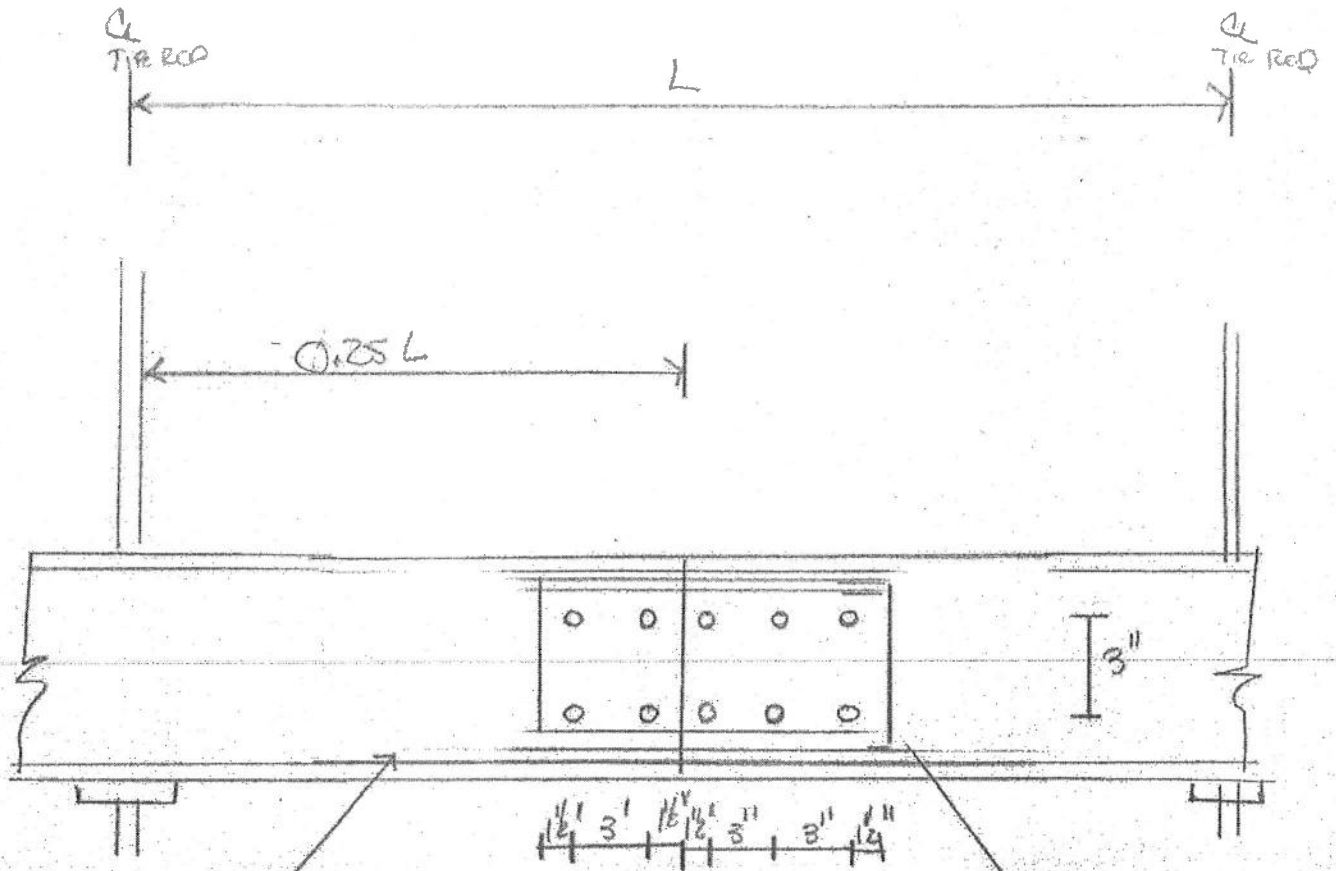
ROBERT E. MARSHALL

SENIOR PROCUREMENT SPECIALIST
CHATHAM COUNTY

COLLINS ENGINEERS^{INC}

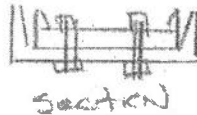
PROJECT _____
CLIENT _____

JOB _____
SHEET NO. _____ OF _____
BY _____ DATE _____
CHKD. BY _____ DATE _____



splice channel
C6x13xL=1'-0" FOR C6x11.5 WATER
w/ 4-3/4" A325 Bolts each side

splice channel
C6x30xL=1'-6" FOR C6x30
WATER
w/ 6-3/4" A325 Bolts
each side
12 Bolts total



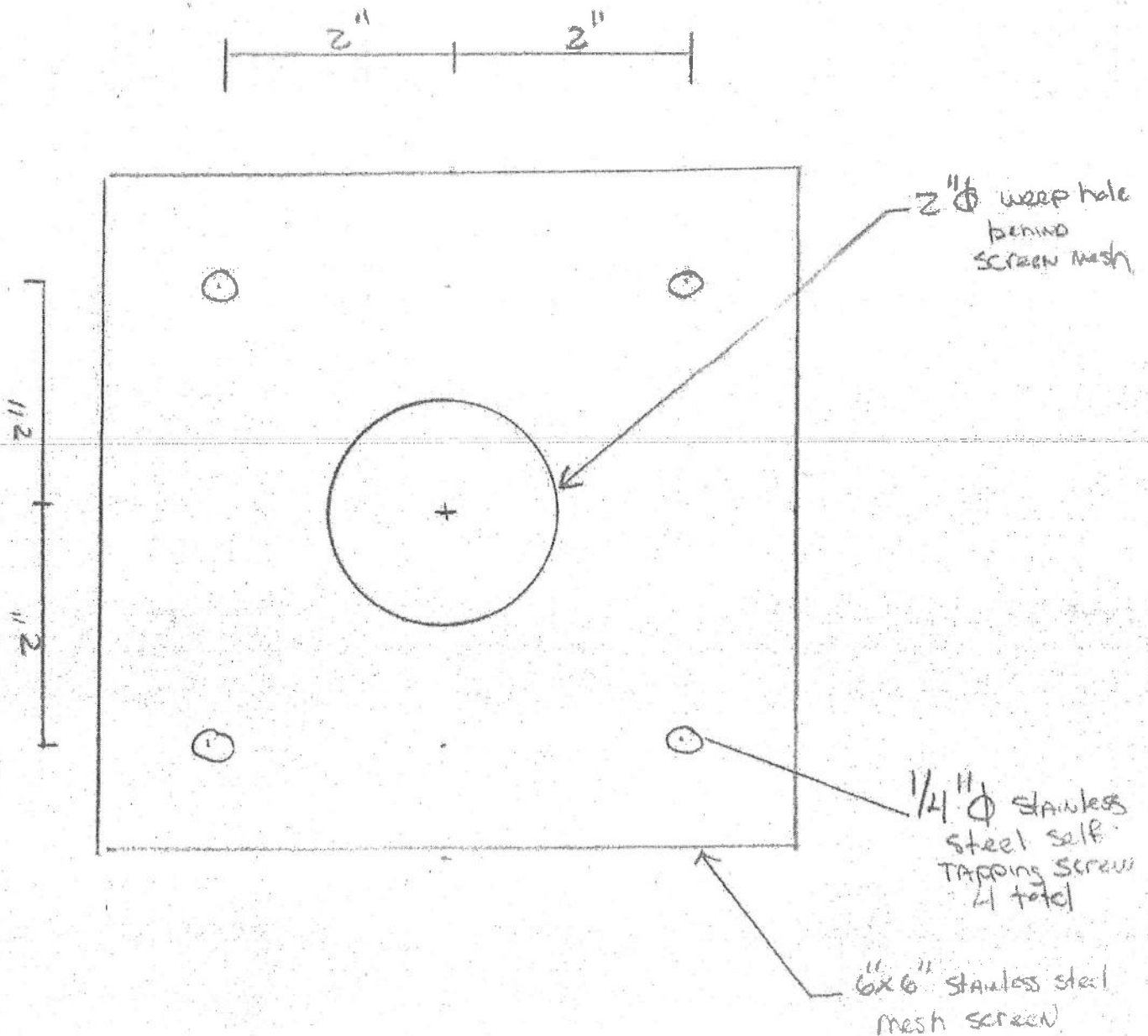
WATER SPLICER USE FOR TOP & BOTTOM

COLLINS ENGINEERS^{INC}

PROJECT
CLIENT

Chatham County Bulkhead

JOB _____
SHEET NO. _____ OF _____
BY _____ DATE _____
CHKD. BY _____ DATE _____

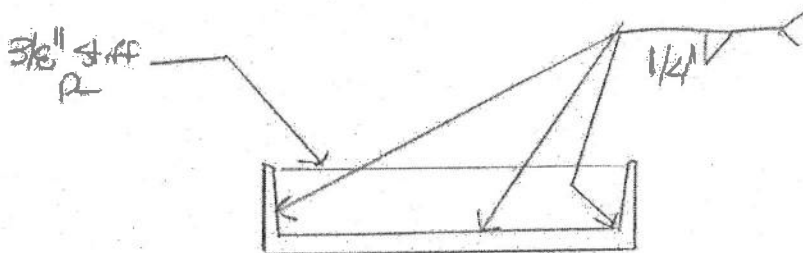


Wire mesh weep hole cover

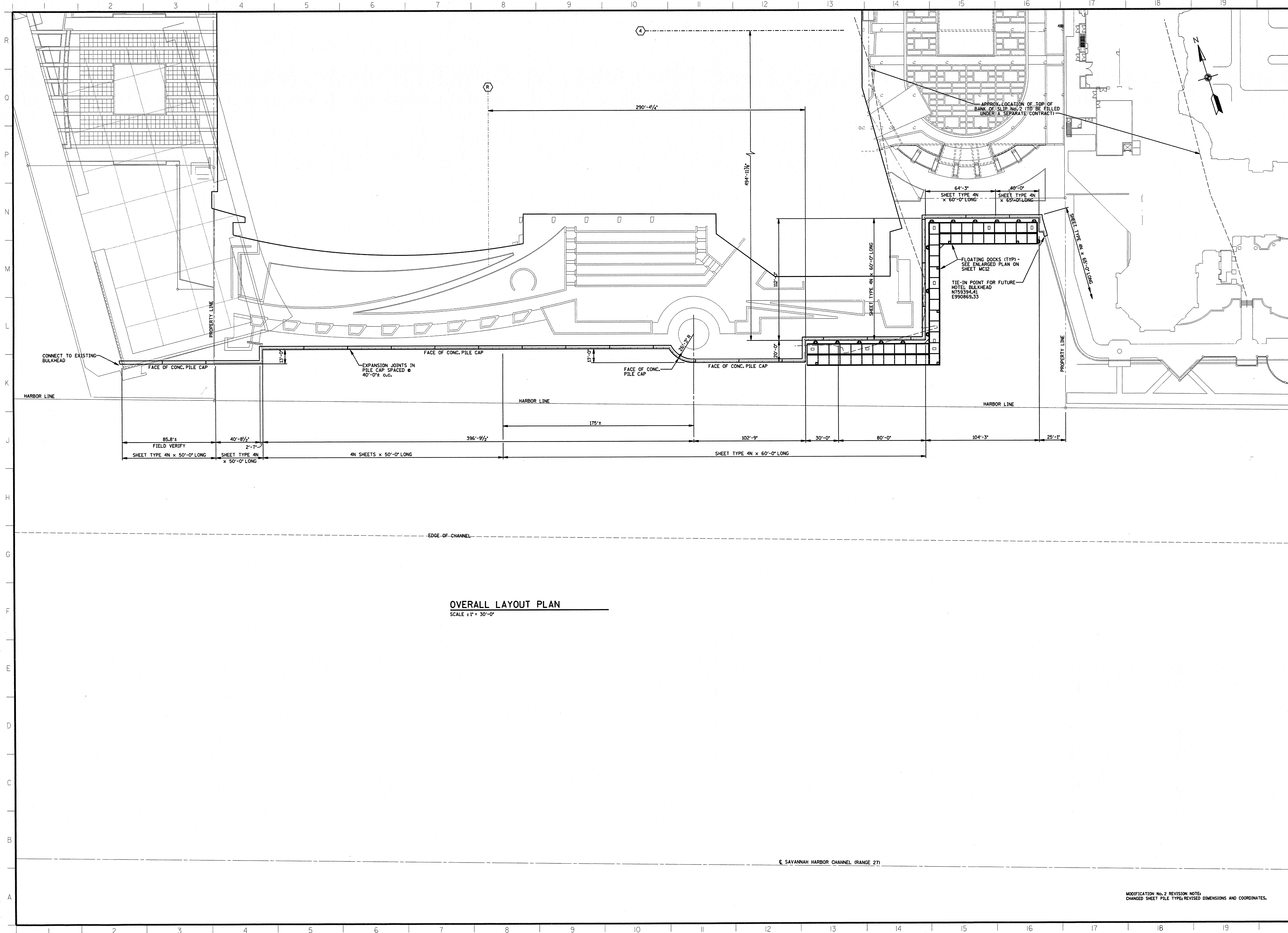
COLLINS ENGINEERS INC.

PROJECT _____
CLIENT _____

JOB _____
SHEET NO. _____ OF _____
BY _____ DATE _____
CHKD. BY _____ DATE _____



Stiffener Welding Detail

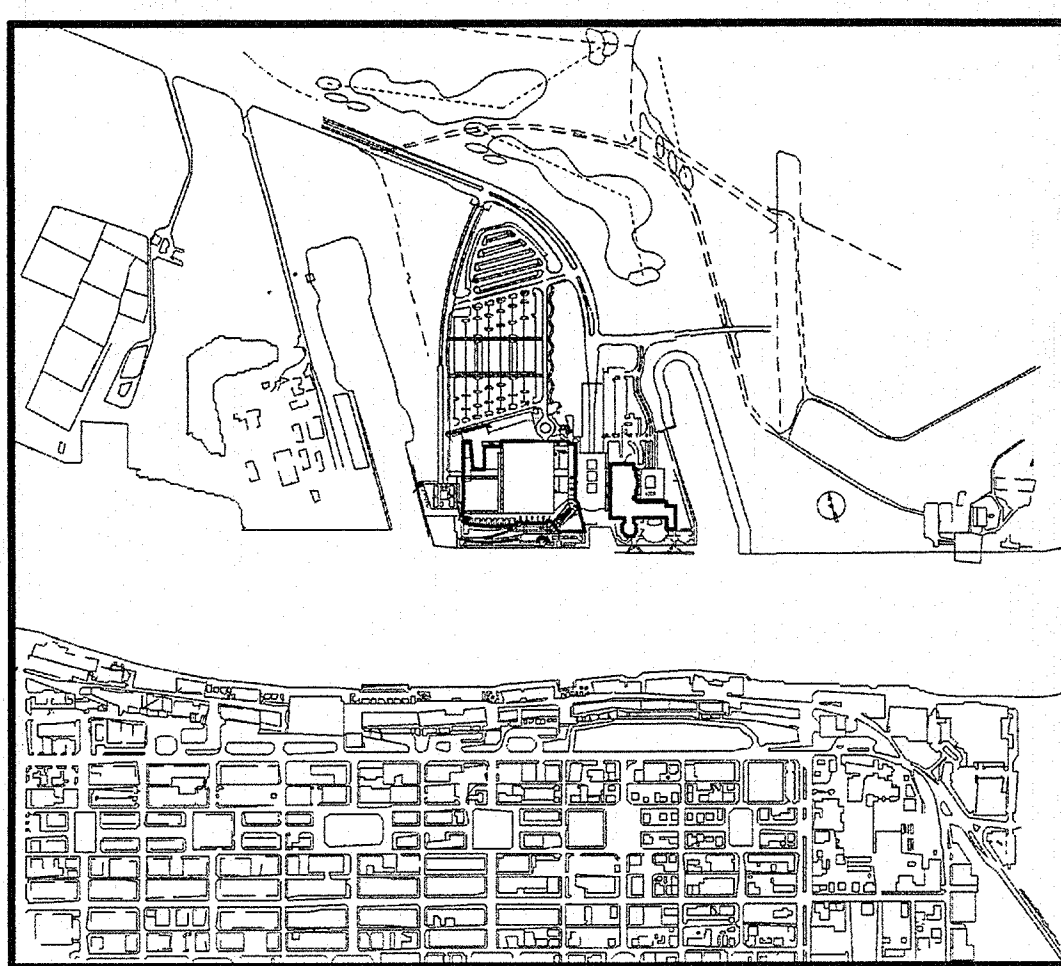


OVERALL LAYOUT PLAN
SCALE: 1" = 30'-0"

© SAVANNAH HARBOR CHANNEL (RANGE 27)

MODIFICATION No. 2 REVISION NOTE:
CHANGED SHEET PILE TYPE REVISED DIMENSIONS AND COORDINATES.

G.E.O.R.G.I.A. I.N.T.E.R.N.A.T.I.O.N.A.L. M.A.R.I.T.I.M.E & T.R.A.D.E. C.E.N.T.E.R
Chatham County Board of Commissioners
Savannah, GA



MATERIAL KEYING LEGEND

KEY PLAN

Date	REVISIONS/SUBMISSIONS	Date	REVISIONS/SUBMISSIONS
10-97	RELEASED FOR CONSTRUCTION		
9/24/97	MODIFICATION No. 2A		
3/6/98	MODIFICATION No. 4		

PREPARED BY:
THOMAS & HUTTON ENGINEERING CO.
SAVANNAH, GEORGIA

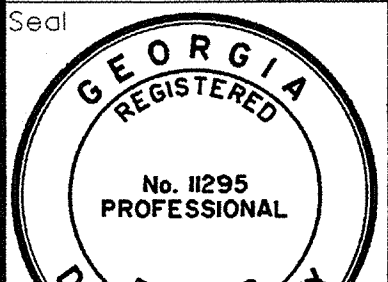
THOMPSON
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HANSEN ARCHITECTS, PC
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HAYNES-ROBINSON, PC
Atlanta, GA / Savannah, GA
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ROSSER INTERNATIONAL, INC.
Atlanta, GA / Savannah, GA
♦

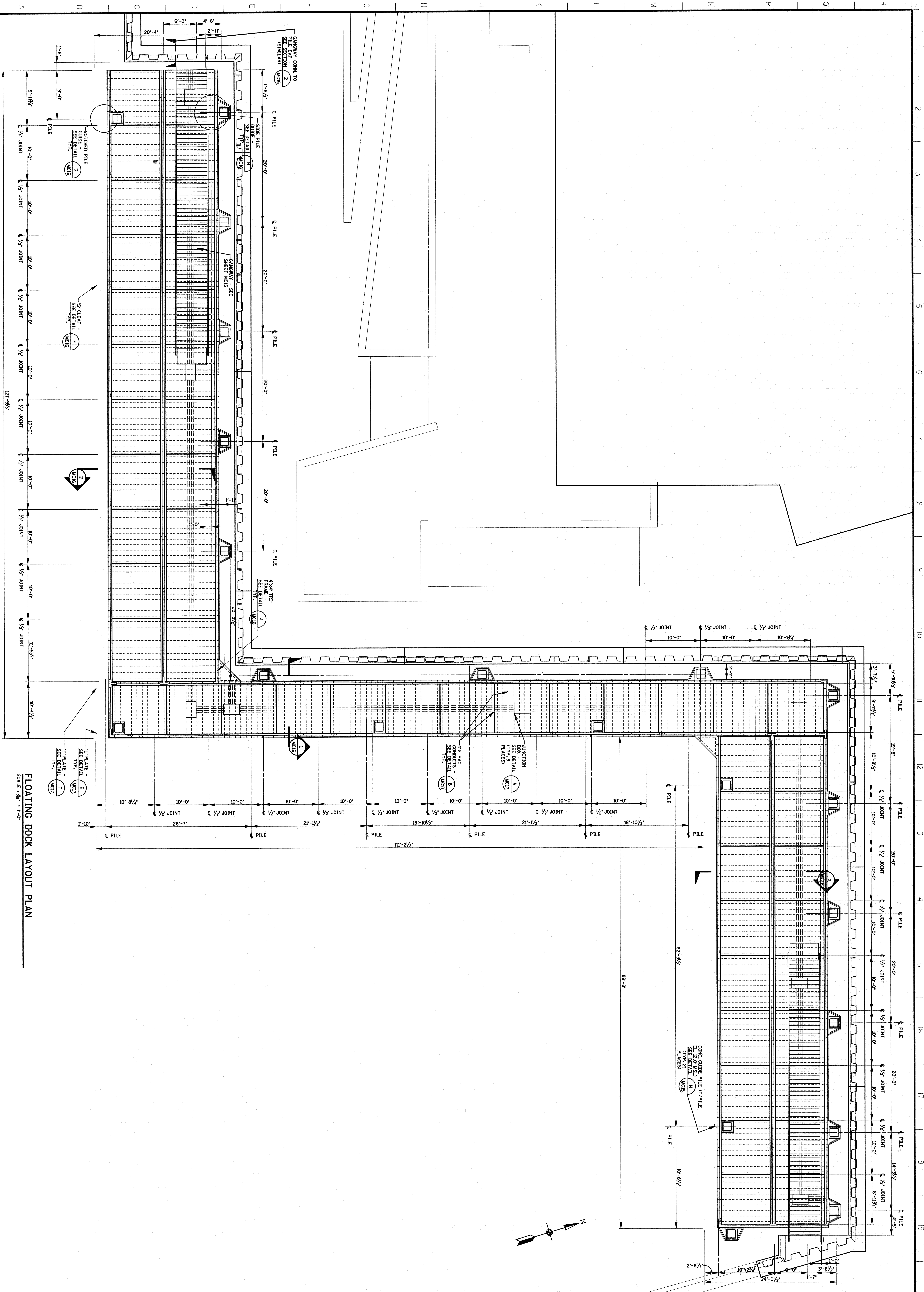
2700 PROMENADE TWO 1230 PEACHTREE STREET N.E.
ATLANTA, GEORGIA 30309-3591
404-888-6800 FAX: 404-888-6700

Drawing Title: **FLOATING DOCK & WATERFRONT WORK
OVERALL LAYOUT PLAN**

Project No. 5501.000
Date: 01-10-97
Drawing No. MC8

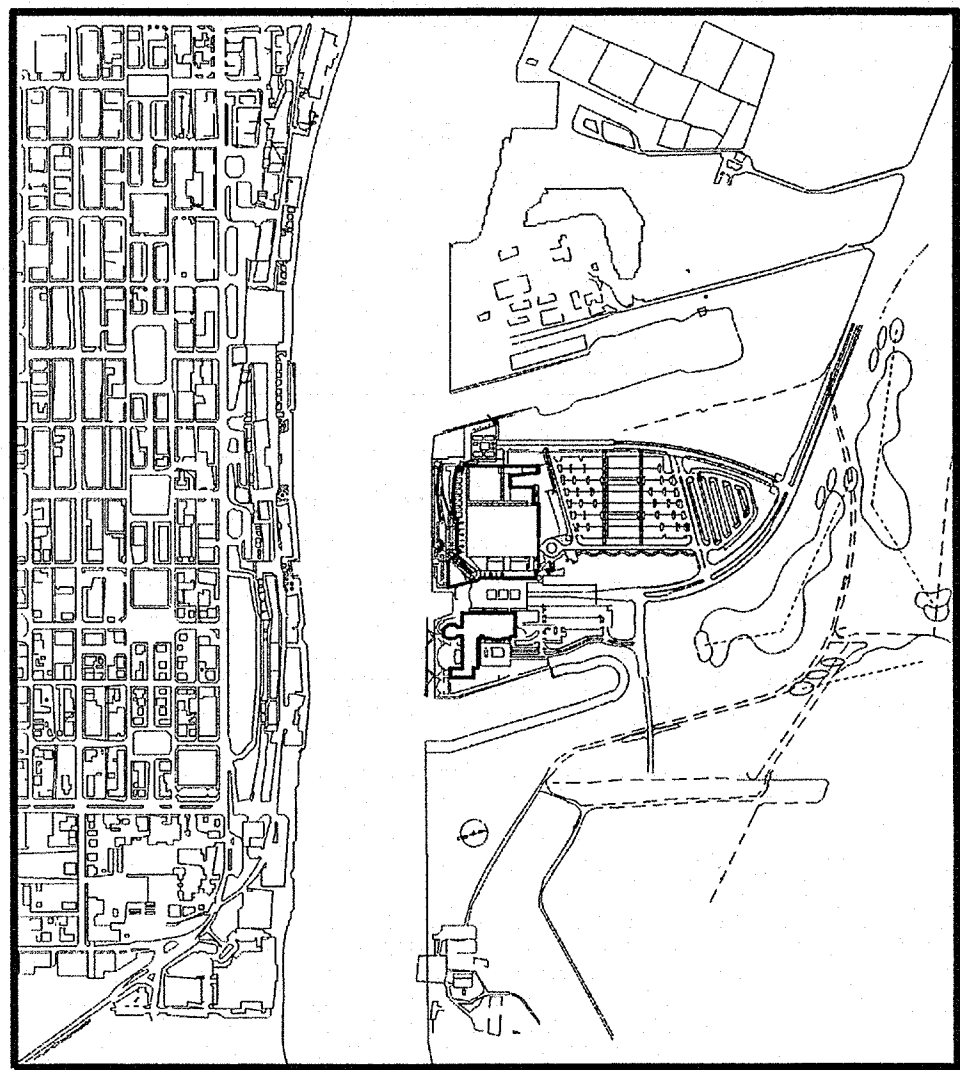


Discipline:
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Chatham County Board of Commissioners
Savannah, GA



MATERIAL KEYING LEGEND

KEY PLAN

[illegible]

PREPARED BY:
THOMAS & HUTTON ENGINEERING CO.
SAVANNAH, GEORGIA

THOMPSON
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&
ASSOCIATES

◆

HANSEN ARCHITECTS, PC
Savannah, GA

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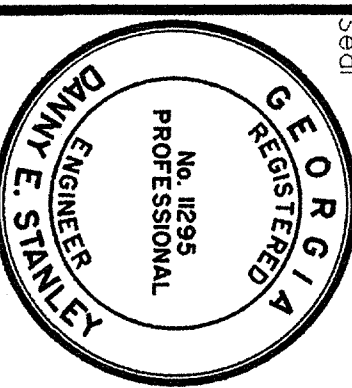
HAYNES-ROBINSON, PC
Atlanta, GA / Savannah, GA

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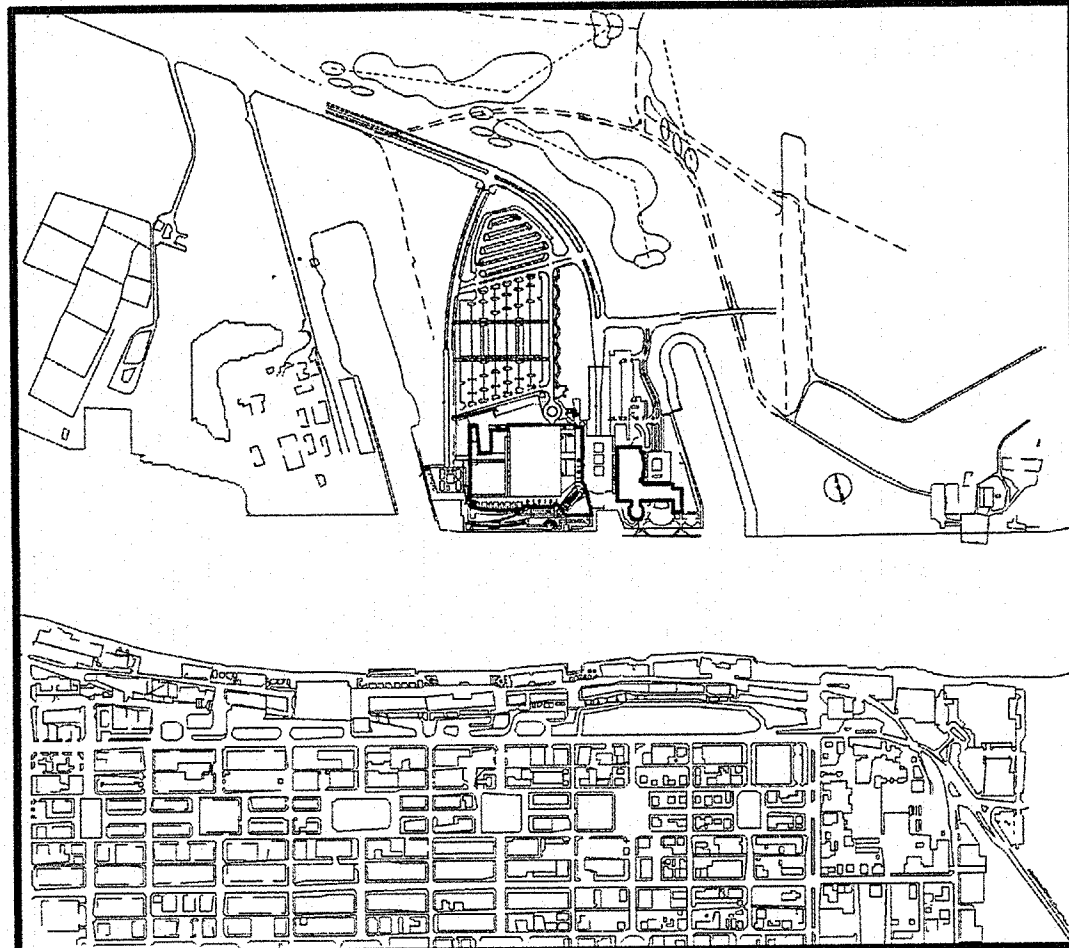
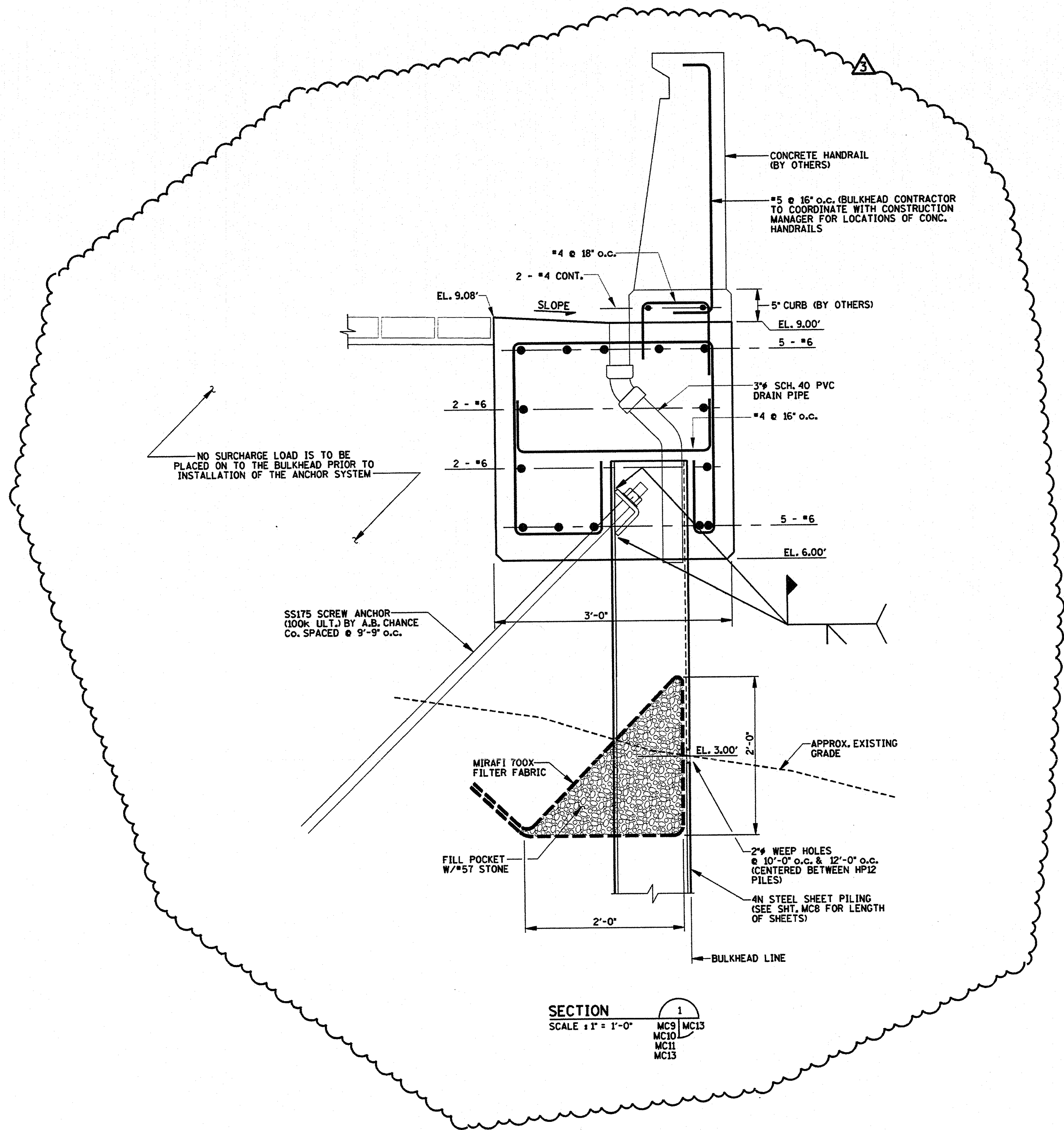
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MC12



MATERIAL KEYING LEGEND

KEY PLAN

Date	REVISIONS/SUBMISSIONS	Date	REVISIONS/SUBMISSIONS
10-97	RELEASED FOR CONSTRUCTION		
9-24-97	MODIFICATION No. 2A		
3/6/98	MODIFICATION No. 4		

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SAVANNAH, GEORGIA

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Savannah, GA

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Drawing Title: **FLOATING DOCK & WATERFRONT WORK
DETAILS**

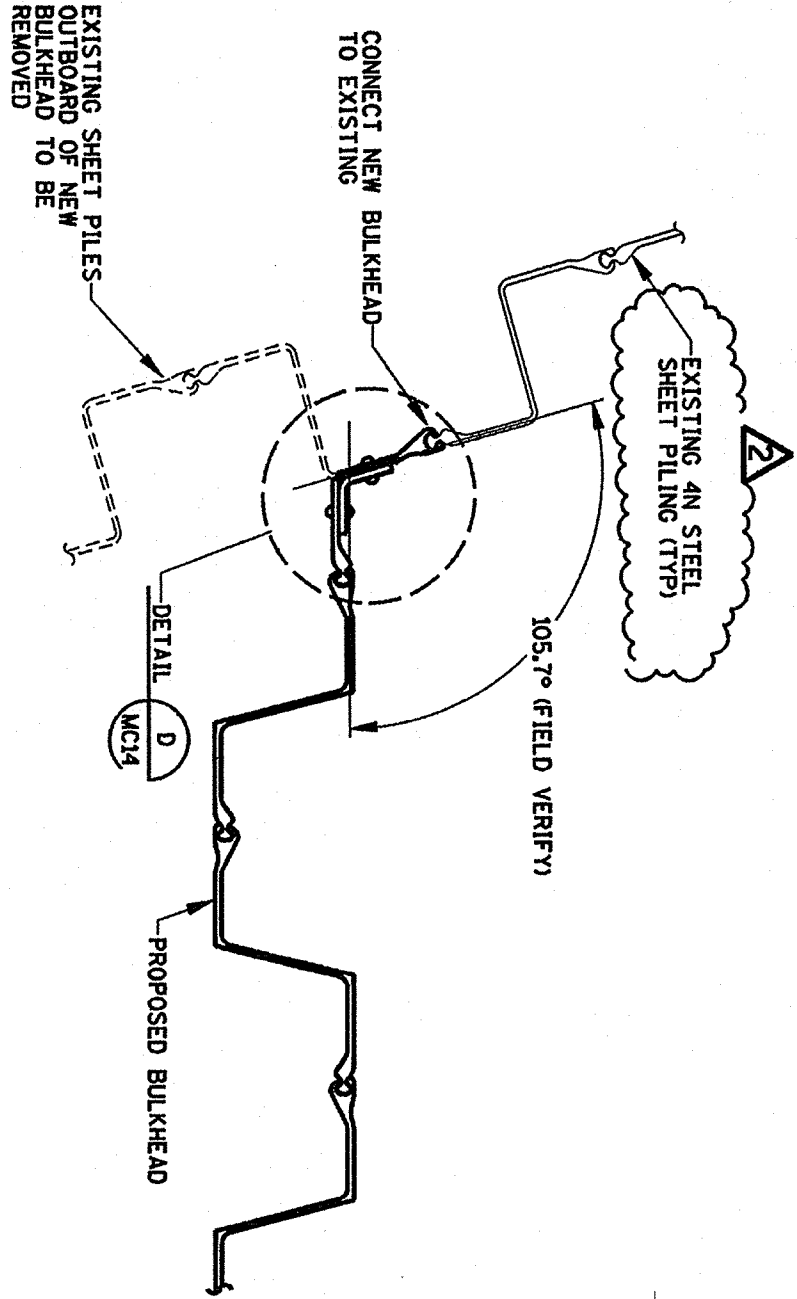
Project No. 9501000
Date 01-10-97
Drawing No. MC13



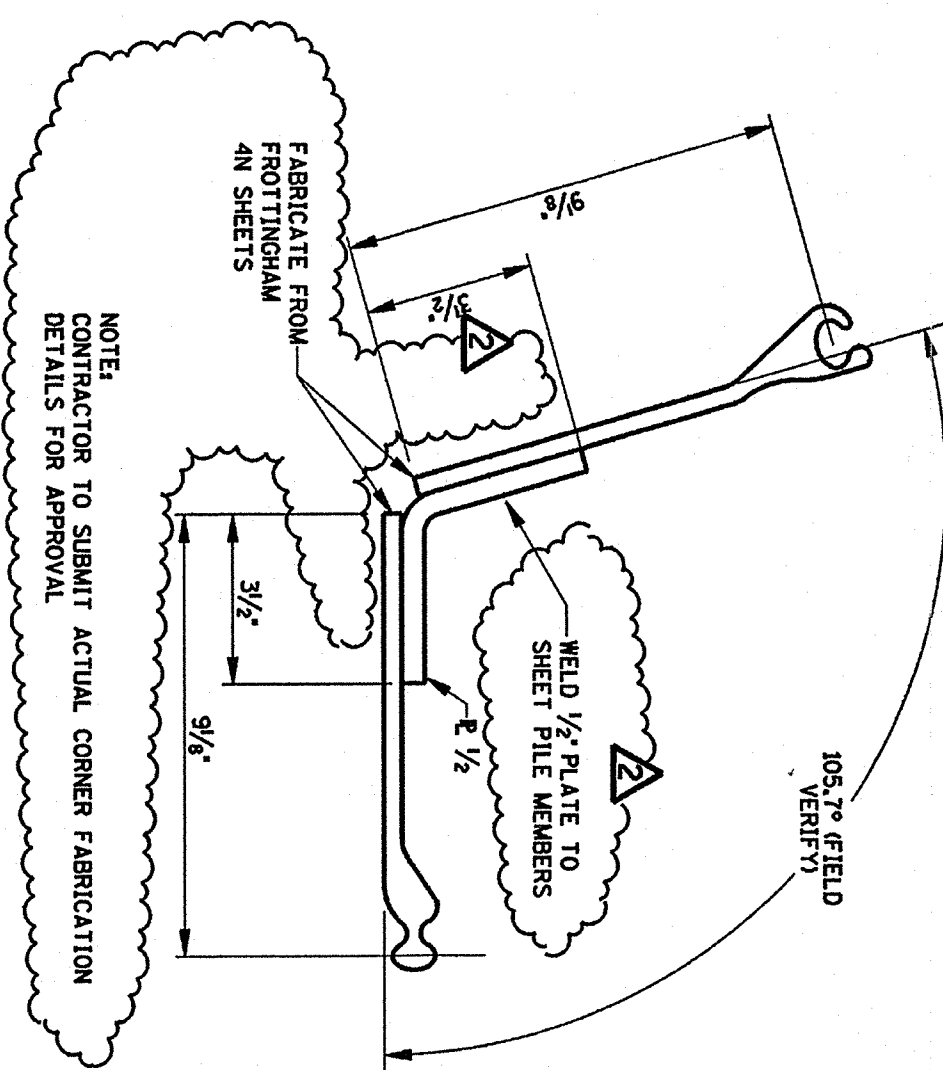
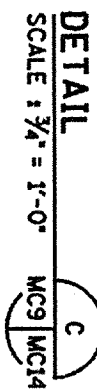
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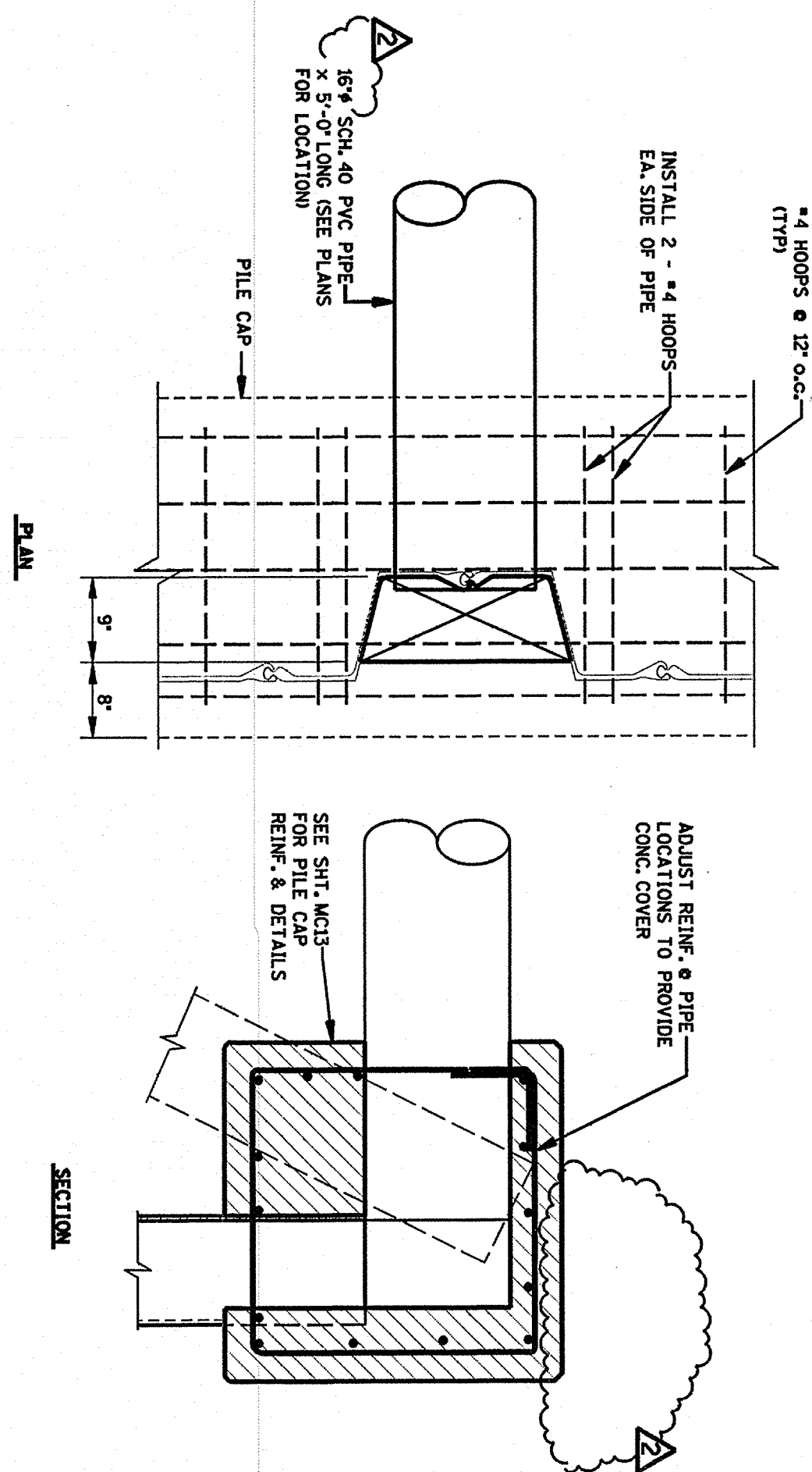
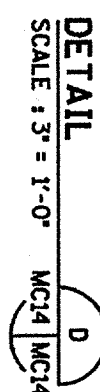
Chatham County Board of Commissioners
Savannah, GA



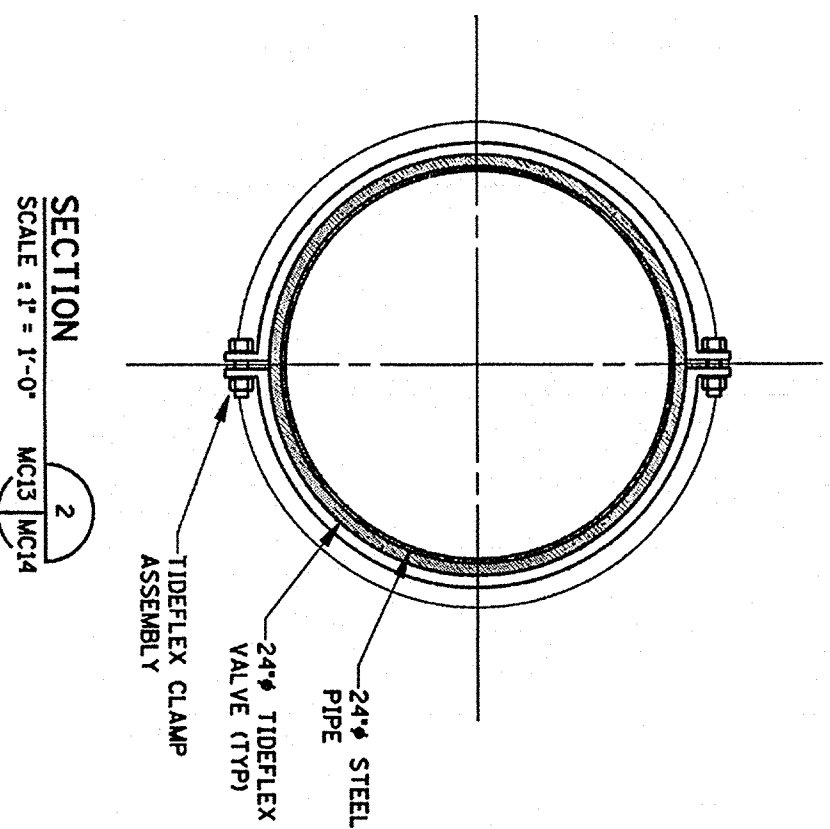
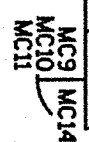
**PROPOSED STEEL SHEET PILE
BULKHEAD CONNECTION TO EXISTING**



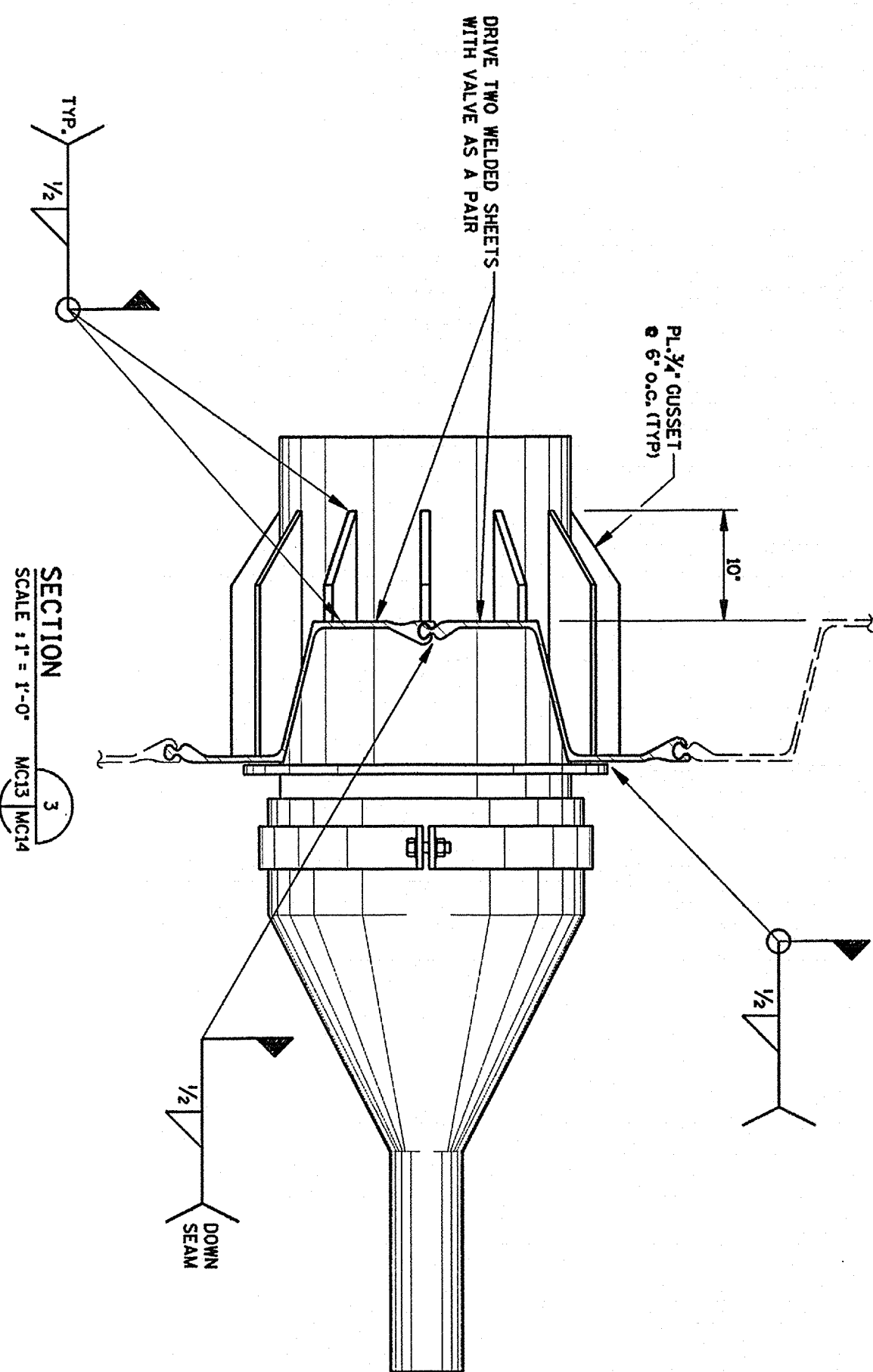
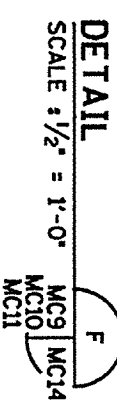
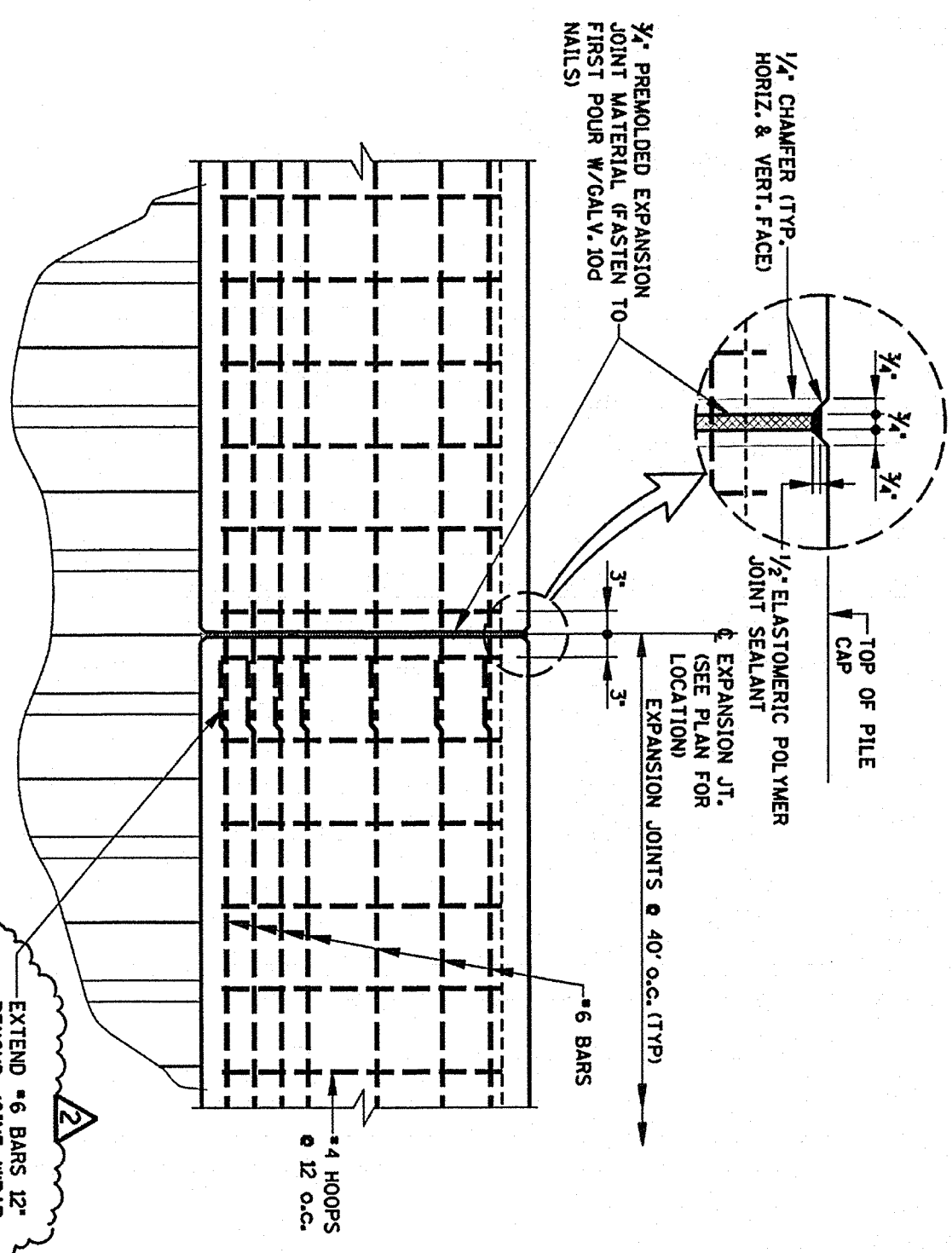
SPECIAL CORNER DETAIL



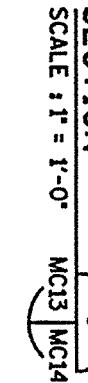
DETAIL - STORM WATER OUTLET THRU PILE CAP



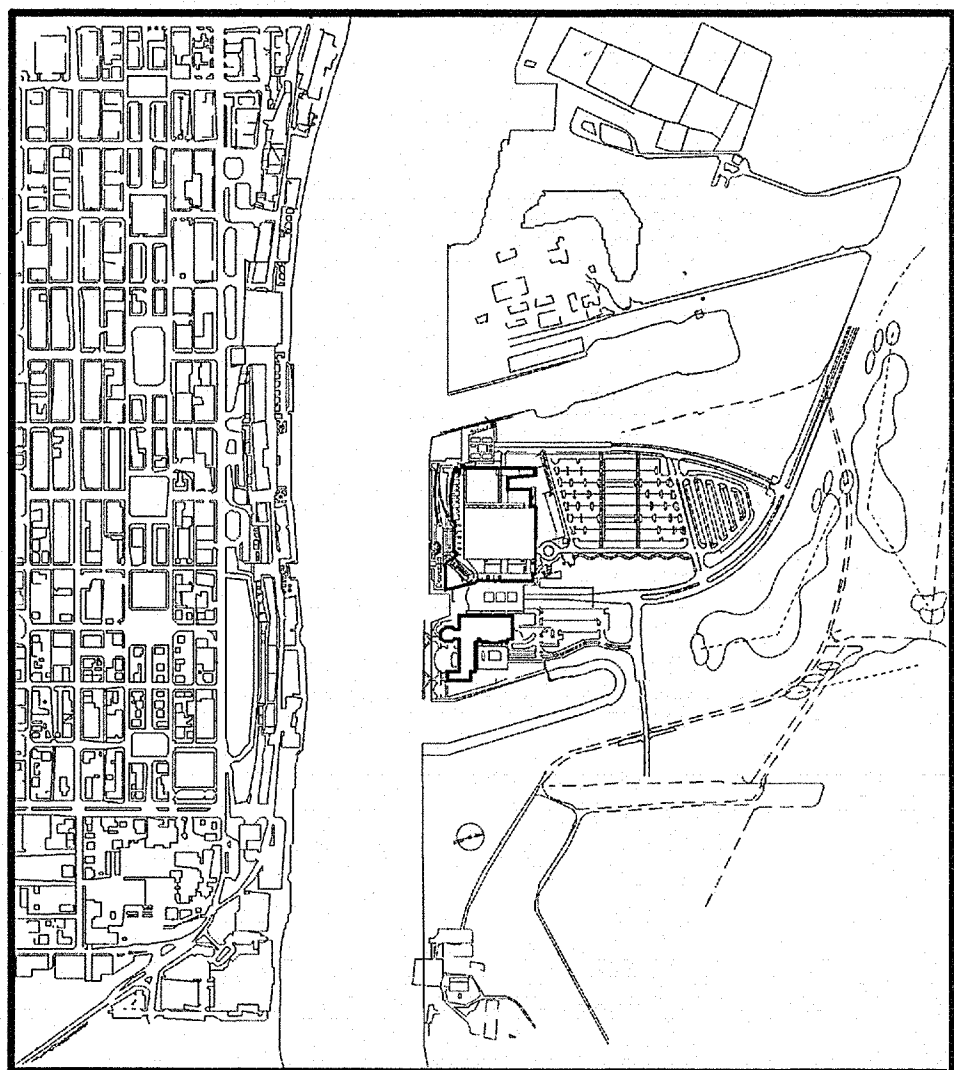
SECTION	(2)
SCALE : 1" = 1'-0"	MC13 MC14



SECTION	3
SCALE : 1" = 1'-0"	MC13 MC14



Chatham County Board of Commissioners
Savannah, GA



MATERIAL KEYING LEGEND

KEY PLAN

PREPARED BY:
THOMAS & HUTTON ENGINEERING CO.
SAVANNAH, GEORGIA

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&
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ATLANTA, GEORGIA 30309-3591
404-888-6600 FAX: 404-888-6700

DETAILS

Project No. _____

01-10-97

2005

No. 197

104

MGT 1

MIC14

1103

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367.

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G.E.O.R.G.I.A I.N.T.E.R.N.A.T.I.O.N.A.L M.A.R.I.T.I.M.E & T.R.A.D.E C.E.N.T.E.R

A circular professional engineer seal for the State of Georgia. The outer ring contains the text "GEORGIA" at the top and "REGISTERED" at the bottom. Inside this ring, the name "DANNY E. STANLEY" is written on the left and "ENGINEER" on the right. In the center of the seal, it reads "No. 11295" and "PROFESSIONAL" below it.

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MC14

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