

**JOINT**  
**PUBLIC NOTICE**

**CHARLESTON DISTRICT, CORPS OF ENGINEERS**  
69A Hagood Avenue  
Charleston, South Carolina 29403-5107

and

**THE S. C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL**  
Office of Environmental Quality Control  
Water Quality Certification and Wetlands Programs Section  
2600 Bull Street  
Columbia, South Carolina 29201

REGULATORY DIVISION

Refer to: P/N # 2008-0214-6IJ

February 8, 2008

Pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403), Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1341), and the S.C. Construction in Navigable Waters Permit Program (R. 19-450, et. seq., 1976 S.C. Code of Laws, as amended), an application has been submitted to the Department of the Army and the State of South Carolina by

**THE SOUTH CAROLINA DEPARTMENT OF COMMERCE**  
CO/MANDY KEBLER  
1201 MAIN STREET  
SUITE 1600  
COLUMBIA, SC 29201

for a permit to construct floating docks in

**LAKE RICHARD B. RUSSELL**

In the Blue Hole Recreation Area, west of the Town of Calhoun Falls, Abbeville County, South Carolina (Latitude 34.09972 Longitude -82.61310)

In order to give all interested parties an opportunity to express their views

**NOTICE**

is hereby given that written statements regarding the proposed work will be received by both of the above mentioned offices until

**12 O'CLOCK NOON, MONDAY, MARCH 10, 2008**

from those interested in the activity and whose interests may be affected by the proposed work.

The proposed work consists of the construction of seven separate floating docks within the Blue Hole Area of Lake Richard B. Russell. In detail, the applicant proposes to construct seven separate floating docks on property leased to the South Carolina Department of Commerce. The proposed docks have a total of 125 boat slips. The docks will be constructed out of metal, and anchored to the lake bottom using approved devices. There will be neither fueling nor waste disposal facilities associated with these docks. The proposed docks will be managed by the South Carolina Department of Parks, Recreation and Tourism. The docks will be for use by the general public. The proposed purpose of the project is to public recreational opportunities.

**NOTE: Plans depicting the work described in this notice are available and will be provided, upon receipt of a written request, to anyone that is interested in obtaining a copy of the plans for the specific project. The request must identify the project of interest by public notice number and a self-addressed stamped envelope must also be provided for mailing the drawings to you. Your request for drawings should be addressed to the**

**U.S. Army Corps of Engineers  
ATTN: REGULATORY DIVISION  
69A Hagood Avenue  
Charleston, South Carolina 29403-5107.**

The District Engineer has concluded that the discharges associated with this project, both direct and indirect, should be reviewed by the South Carolina Department of Health and Environmental Control in accordance with provisions of Section 401 of the Clean Water Act. As such, this notice constitutes a request, on behalf of the applicant, for certification that this project will comply with applicable effluent limitations and water quality standards (Section 401 of the Clean Water Act). The District Engineer will not process this application to a conclusion until such certification is received. This activity may also require evaluation for compliance with the S. C. Construction in Navigable Waters Permit Program. State review, permitting and certification is conducted by the S. C. Department of Health and Environmental Control. The applicant is hereby advised that supplemental information may be required by the State to facilitate the review. Persons wishing to comment or object to State certification or the navigable waters permit must submit all comments in writing to the S. C. Department of Health and Environmental Control at the above address within thirty (30) days of the date of this notice.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. Implementation of the proposed project would impact 0.08 acres of aquatic habitat well inland of estuarine substrates and emergent wetlands utilized by various life stages of species comprising the red drum, shrimp, and snapper-grouper management complexes. Our initial determination is that the proposed action would not have a substantial individual or cumulative adverse impact on EFH or fisheries managed by the South Atlantic Fishery Management Council and the National Marine Fisheries Service (NMFS). Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

The District Engineer has consulted the most recently available information and has made no determination of effect on any Federally endangered, threatened, or proposed species. This public notice serves as a request to the U.S. Fish and Wildlife Service and the National Marine Fisheries Service for any additional information they may have on whether any Federally listed or proposed to be listed endangered or threatened species and/or designated or proposed critical habitat may be present in the area which would be affected by the activity, pursuant to Section 7(c) of the Endangered Species Act of 1973 (as amended).

Pursuant to Section 106 of the National Historic Preservation Act (NHPA), this public notice also constitutes a request to Indian Tribes to notify the District Engineer of any historic properties of religious and cultural significance to them that may be affected by the proposed undertaking.

In accordance with the NHPA, the District Engineer has also consulted the latest published version of the National Register of Historic Places for the presence or absence of registered properties, or properties listed as being eligible for inclusion therein, and this worksite is not included as a registered property or property listed as being eligible for inclusion in the Register. To insure that other cultural resources that the District Engineer is not aware of are not overlooked, this public notice also serves as a request to the State

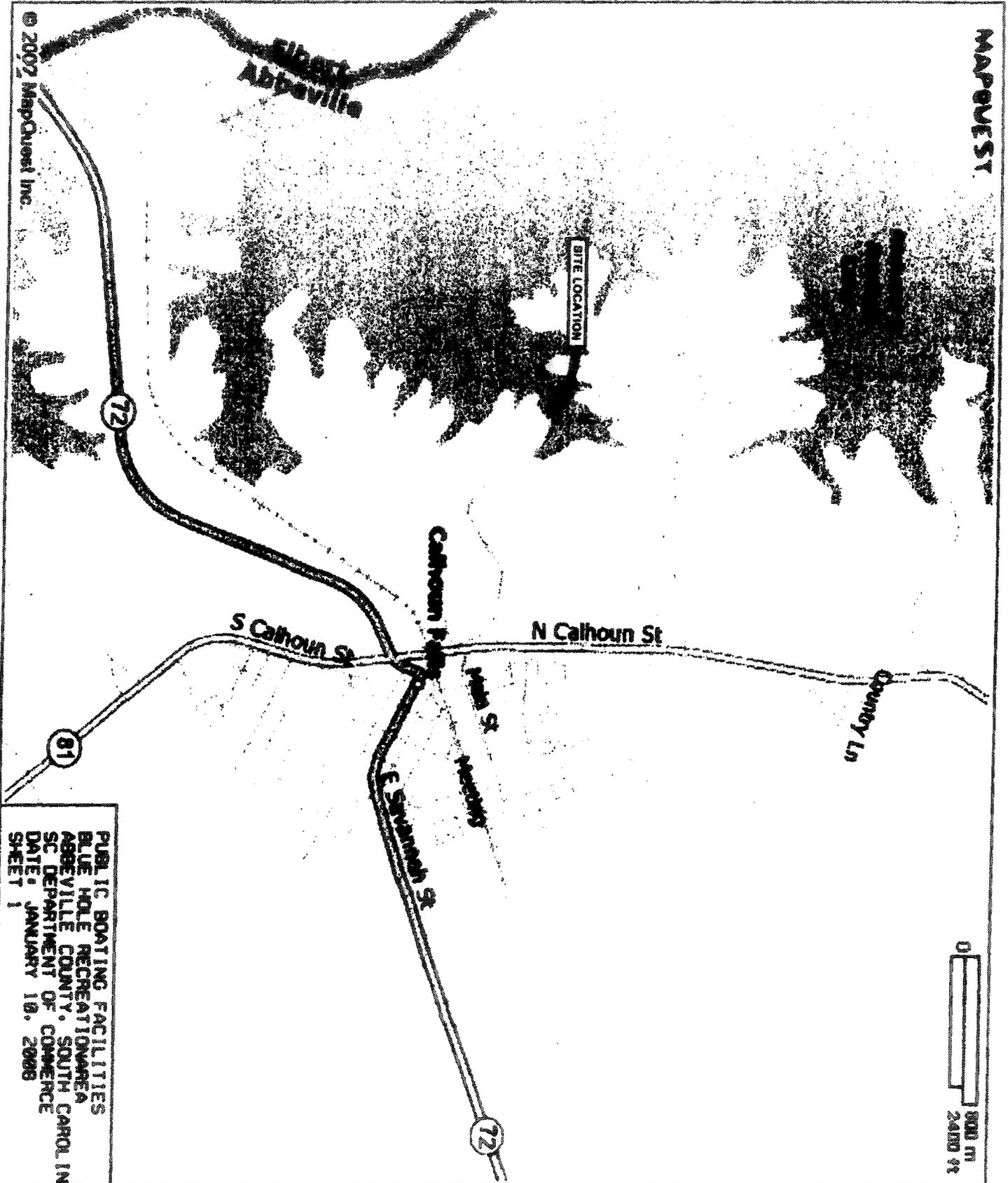
Historic Preservation Office to provide any information it may have with regard to historic and cultural resources.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

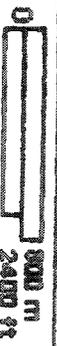
The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest and will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section 404(b) of the Clean Water Act and, as appropriate, the criteria established under authority of Section 102 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the project will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production and, in general, the needs and welfare of the people. A permit will be granted unless the District Engineer determines that it would be contrary to the public interest. In cases of conflicting property rights, the Corps of Engineers cannot undertake to adjudicate rival claims.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this project. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

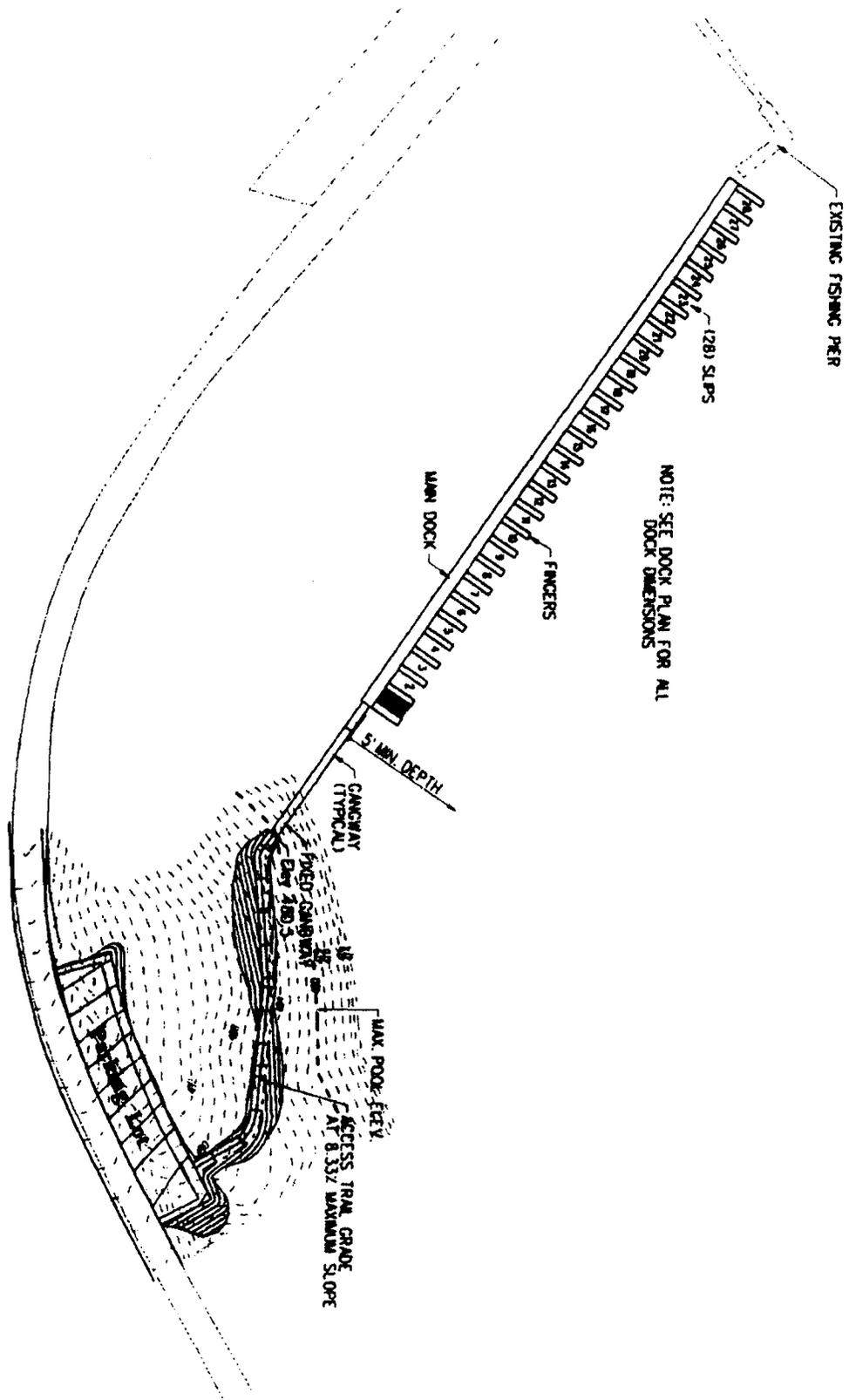
If there are any questions concerning this public notice, please contact Colt Bowles at 803-253-3400.



PUBLIC BOATING FACILITIES  
 BLUE HOLE RECREATION AREA  
 ABBEVILLE COUNTY, SOUTH CAROLINA  
 SC DEPARTMENT OF COMMERCE  
 DATE: JANUARY 18, 2008  
 SHEET 1



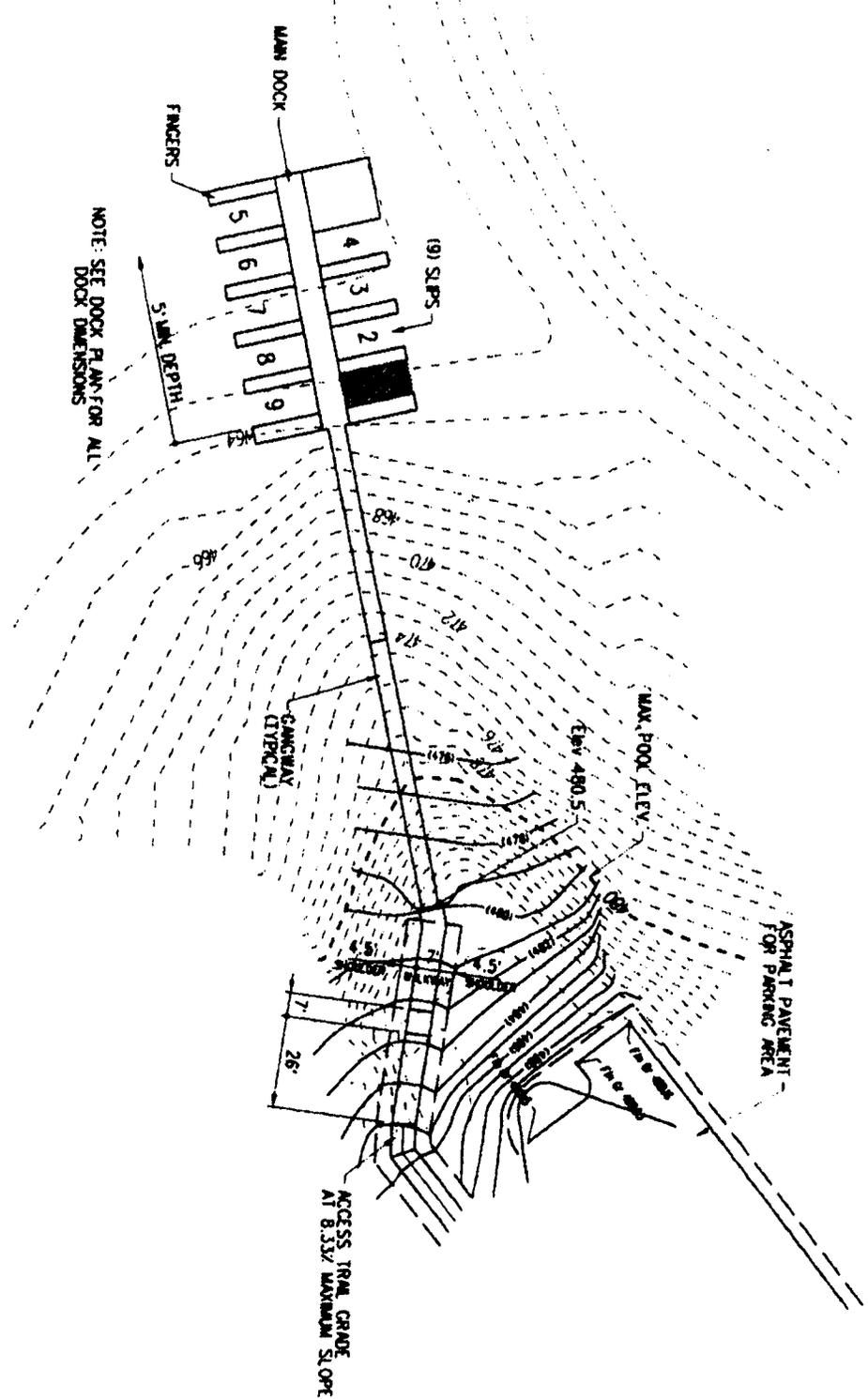




**PUBLIC SATELLITE DOCK "A" PLAN**

**NOTE: SHOP DRAWINGS AND SPECIFICATIONS BY OTHERS**

**SCHEMATIC SHEET**  
**PUBLIC SATELLITE DOCK "A"**  
SCALE: 1" = 50'  
JANUARY 23, 2008



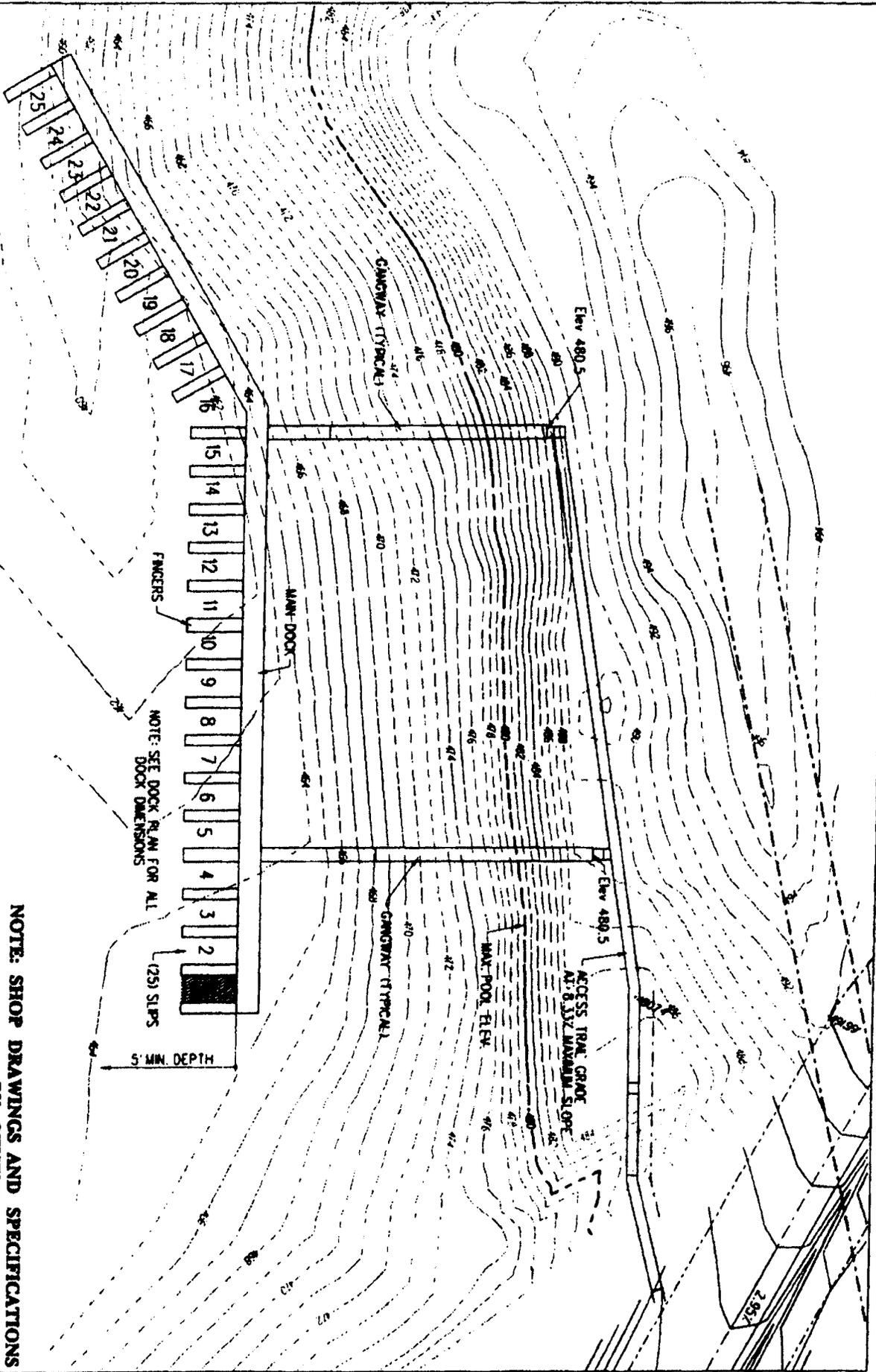
**PUBLIC SATELLITE DOCK "B" PLAN**

NOTE: SHOP DRAWINGS AND SPECIFICATIONS BY OTHERS

**SCHEMATIC SHEET**

**PUBLIC SATELLITE DOCK "B"**

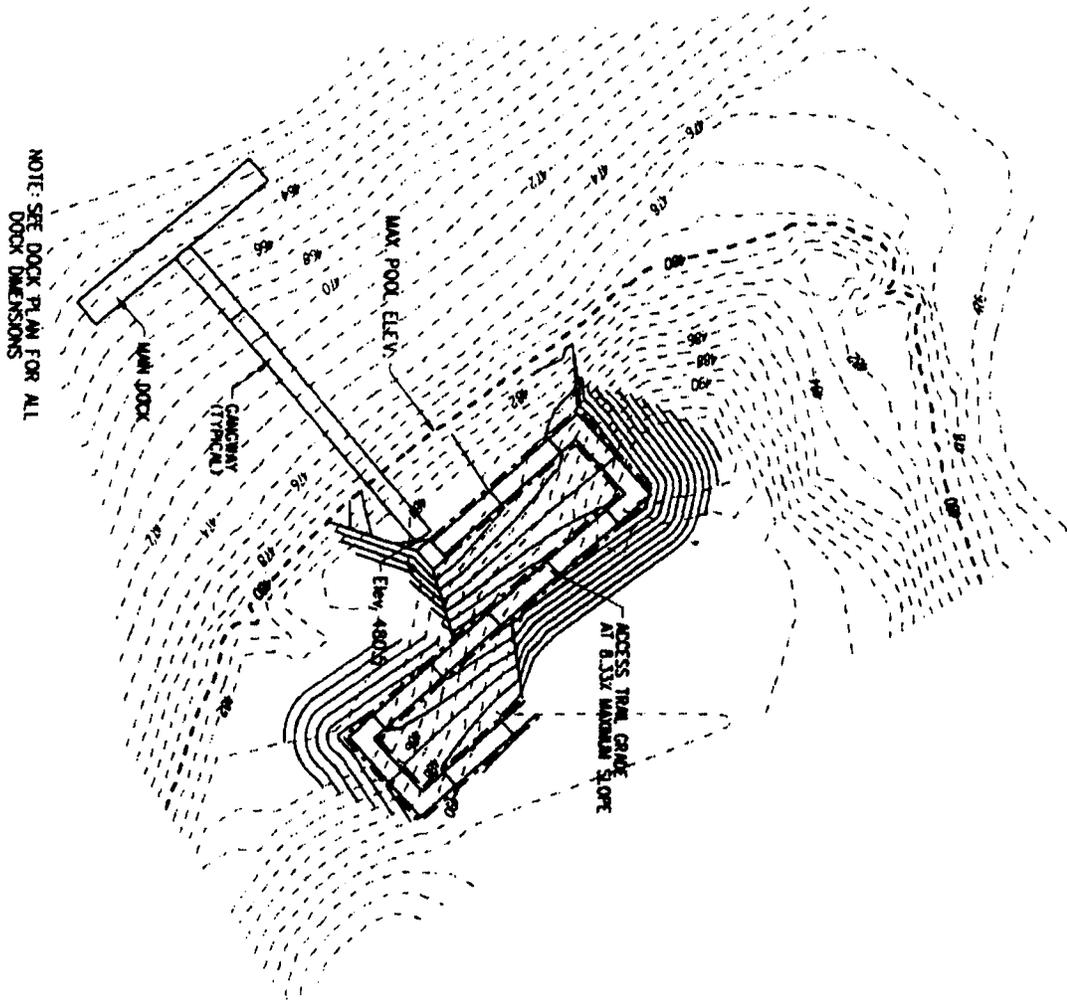
SCALE: 1" = 50'  
 JANUARY 23, 2008



**PUBLIC SATELLITE DOCK "C" PLAN**

**NOTE: SHOP DRAWINGS AND SPECIFICATIONS BY OTHERS**

**SHEMATIC SHEET**  
**PUBLIC SATELLITE DOCK "C"**  
 SCALE: 1" = 50'  
 JANUARY 23, 2008



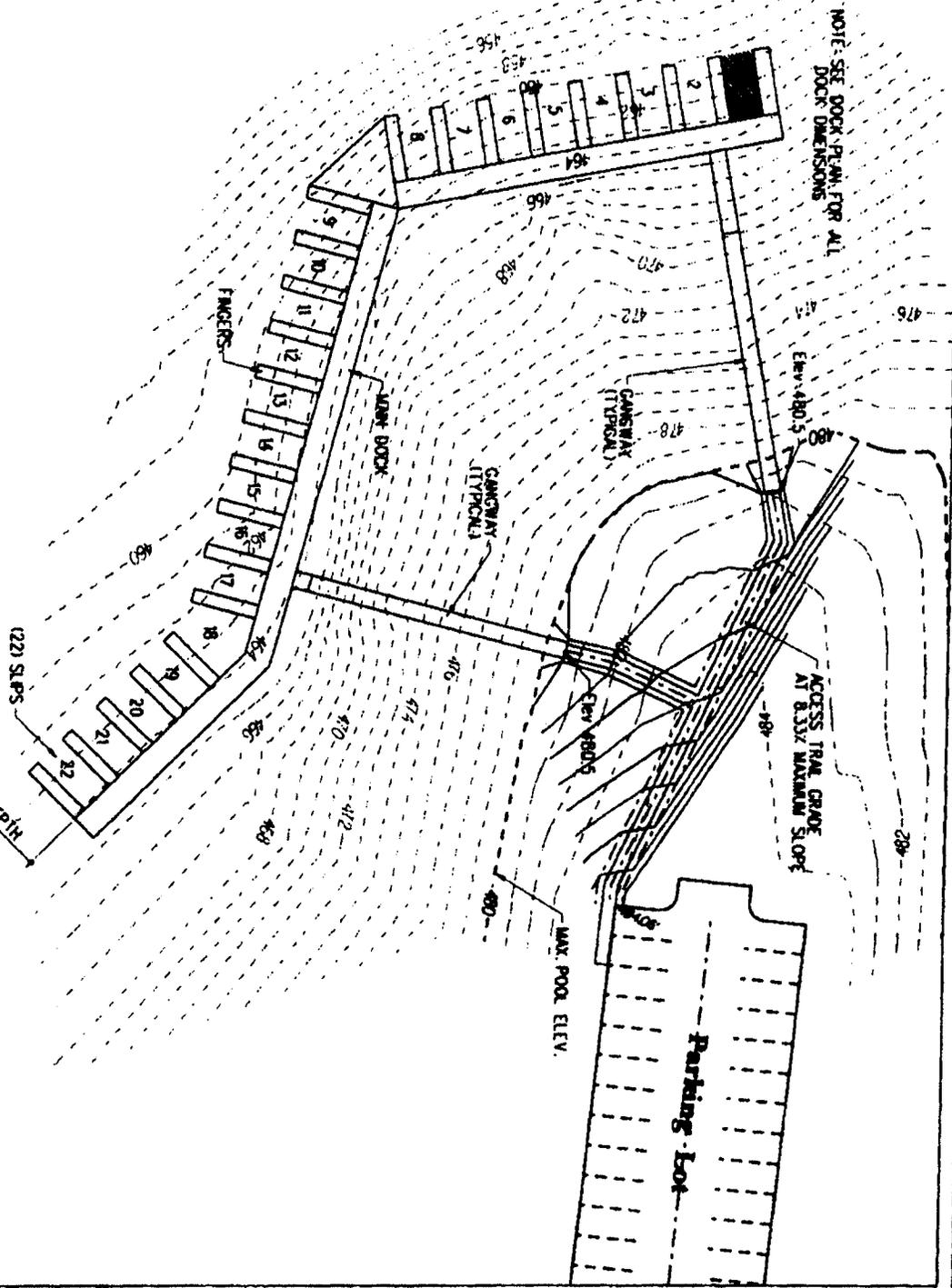
NOTE: SEE DOCK PLAN FOR ALL DOCK DIMENSIONS

**PUBLIC SATELLITE COURTESY DOCK**

NOTE: SHOP DRAWINGS AND SPECIFICATIONS BY OTHERS

**PUBLIC SATELLITE COURTESY DOCK**

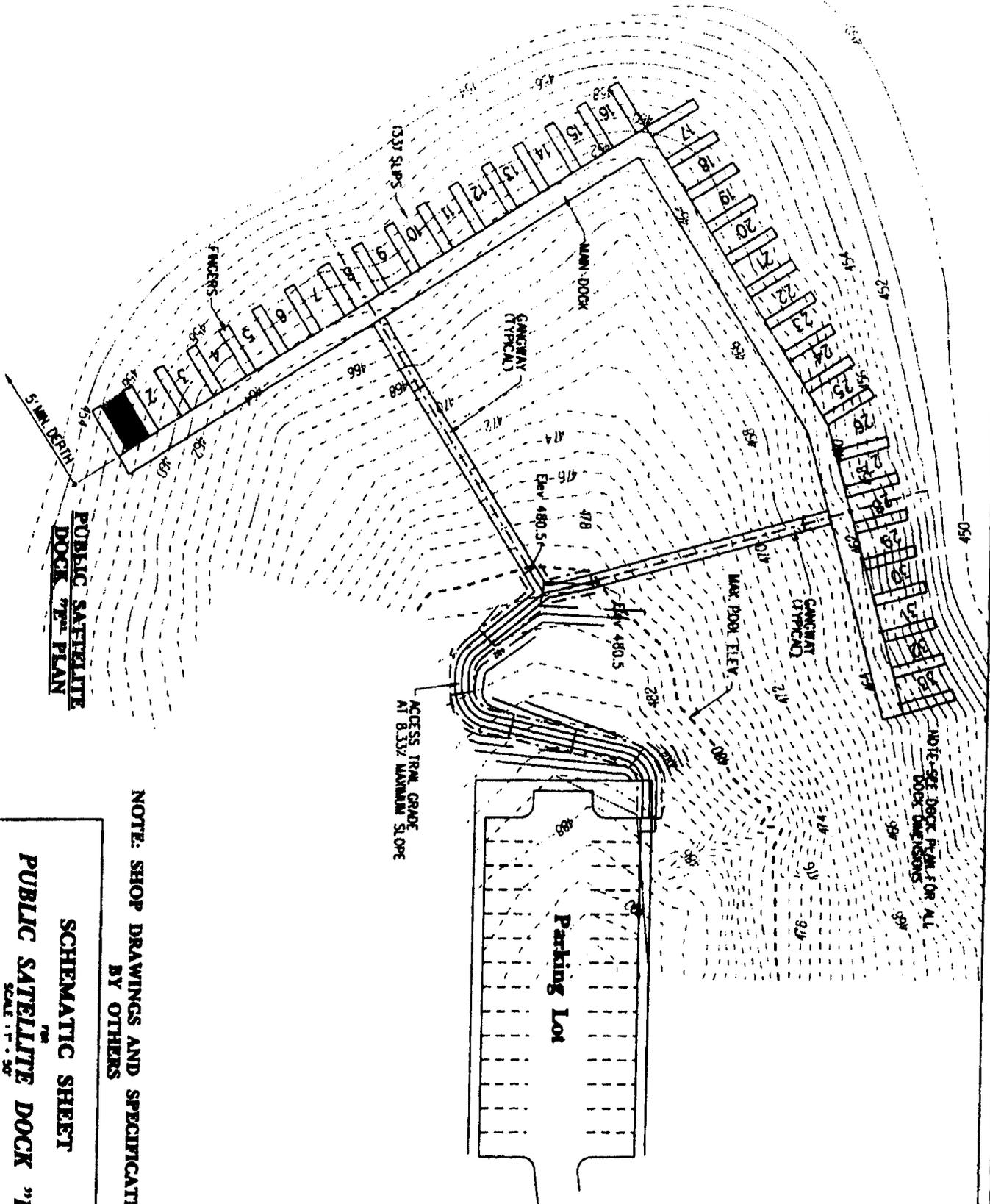
SCALE: 1" = 30'  
JANUARY 23, 2008



**PUBLIC SATELLITE DOCK "D" PLAN**

**NOTE: SHOP DRAWINGS AND SPECIFICATIONS BY OTHERS**

**SCHEMATIC SHEET**  
**PUBLIC SATELLITE DOCK "D"**  
 SCALE: 1" = 50'  
 JANUARY 23, 2008



**PUBLIC SATELLITE DOCK "E" PLAN**

**NOTE: SHOP DRAWINGS AND SPECIFICATIONS BY OTHERS**

**SCHEMATIC SHEET**

**PUBLIC SATELLITE DOCK "E"**

SCALE: 1" = 50'  
 JANUARY 23, 2008

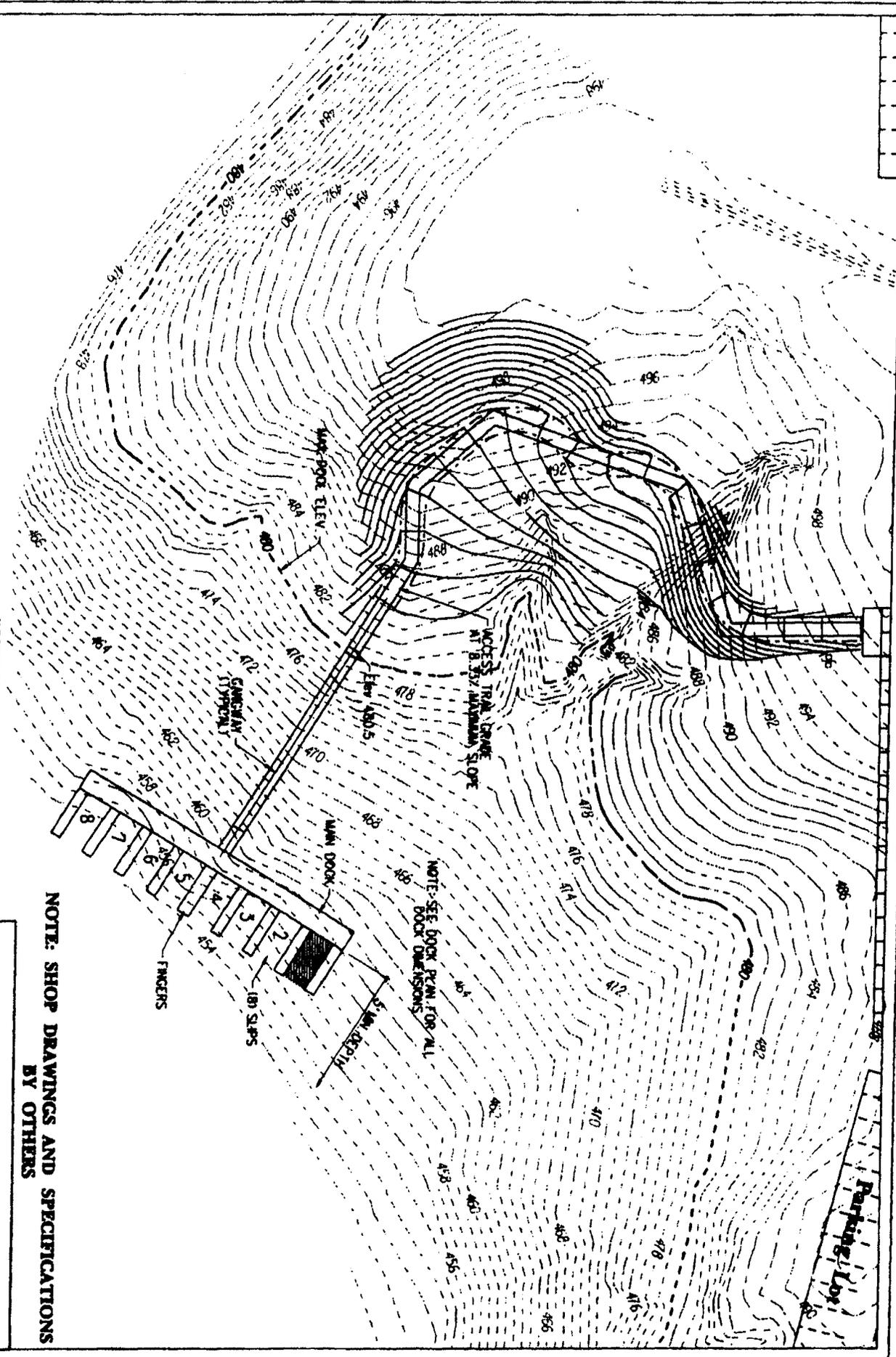
**PUBLIC SATELLITE DOCK "F" PLAN**

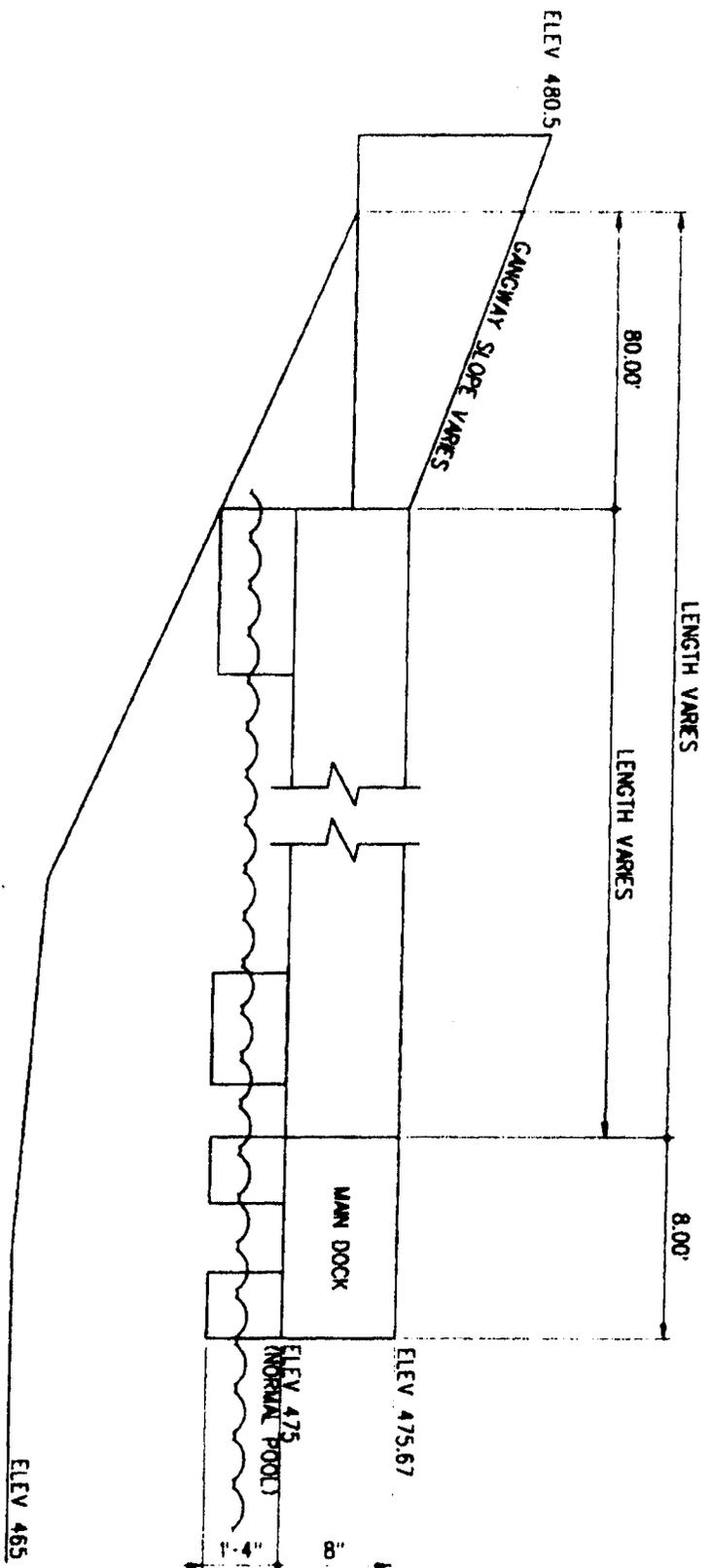
**NOTE: SHOP DRAWINGS AND SPECIFICATIONS BY OTHERS**

**SCHEMATIC SHEET**

**PUBLIC SATELLITE DOCK "F"**

SCALE 1" = 30'  
JANUARY 23, 2008



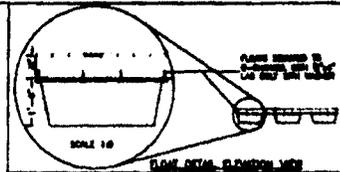
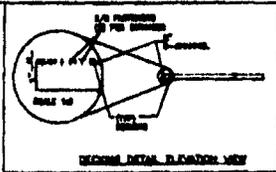


NOTE: GANGWAY AND DOCKS WILL MEET ADA REQUIREMENTS

NOTE: SHOP DRAWINGS AND SPECIFICATIONS BY OTHERS

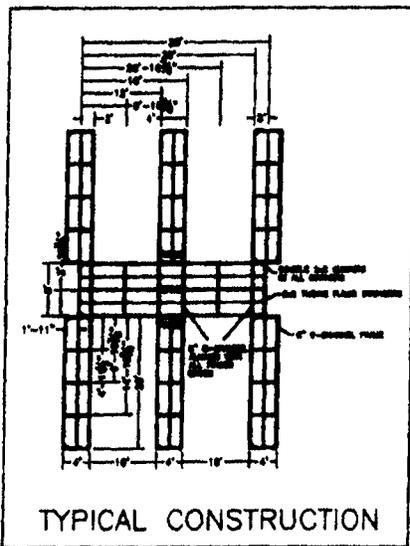
TYPICAL GANGWAY SECTION

JANUARY 23, 2008

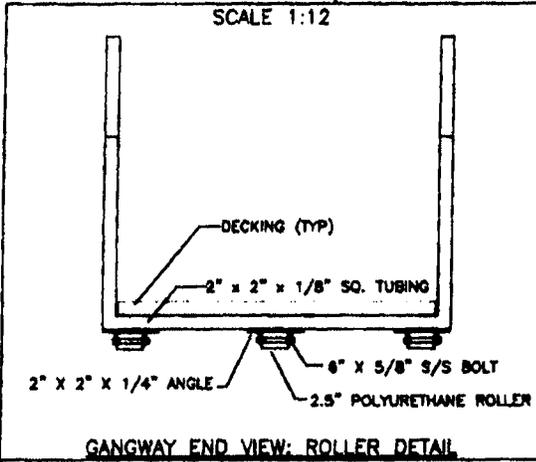


**Deck Materials**

- Mainframe - 8" x 2.25" x 3/16" Aluminum C-Channel
- Gussets - 2" x 2" x 1/8" Aluminum Square Tubing
- Decking - 8" Aluminum Decking or IPE Planks on 24" Ctr
- Non-Skid Surface Coating
- Fasteners - Stainless Steel Fasteners throughout
- Floatation - Celcoform (Permafloat) encapsulated floatation
- Welds - Welds conform to "American Welding Society Structural Welding Code - Aluminum"



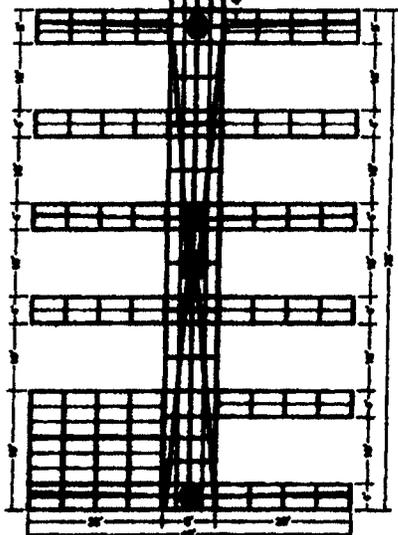
TYPICAL CONSTRUCTION



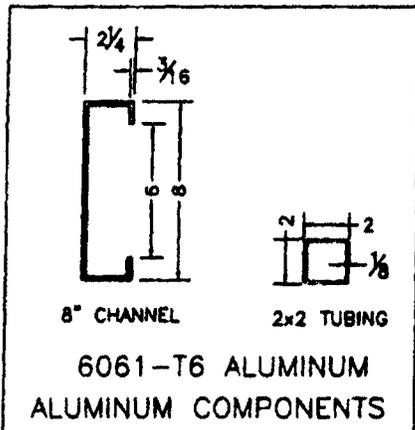
GANGWAY END VIEW: ROLLER DETAIL

CABLE AND DEAD WEIGHT ANCHORING TO BE DETERMINED ON SITE

- 400 = approximately 4000-lb dry weight stainless steel grade for 2 double rods
- 600 = approximately 6000-lb dry weight stainless steel grade for 4 double rods



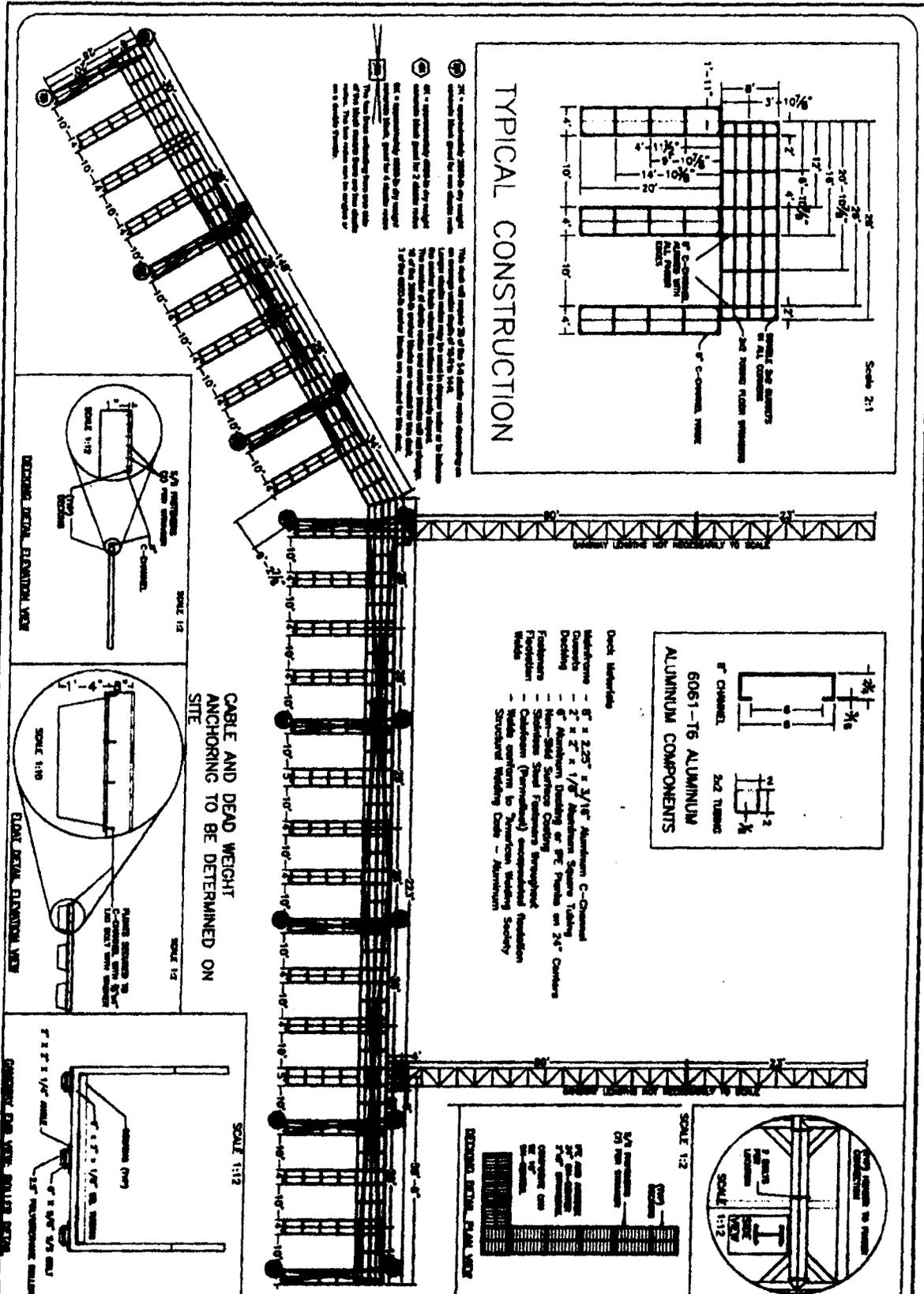
This deck will require 10 of the 8-4 double rods depending on an average water depth of 10-4 to 14-2. Larger double rods may be used in deeper water or to balance the anchor loads when the bottom is unevenly sloped. The number of double rods and anchor blocks will not change. 2 of the 400-lb anchor blocks are needed for this deck. 1 of the 600-lb anchor blocks are needed for this deck.



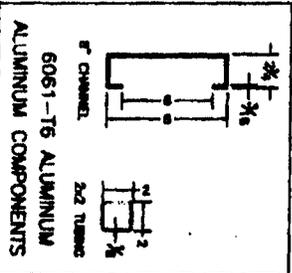
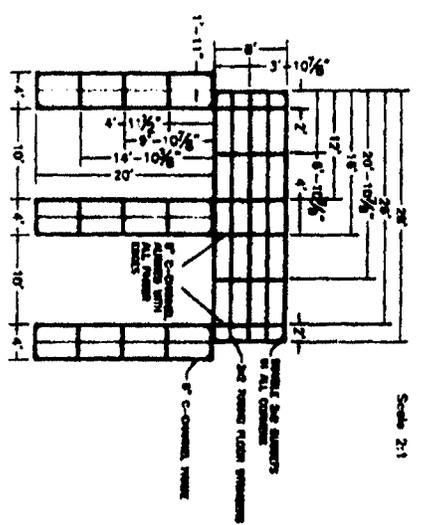
6061-T6 ALUMINUM ALUMINUM COMPONENTS

DESIGNED BY: MIL  
 DATE: 05NOV2007  
 DEALER: WAHOO-EDDIE BURRELL  
 JOB NAME: THE SANCTUARY B

VIEW: PLAN  
 DOCK TYPE: CLASSIC  
 1800 AVONDA ROAD  
 OCEANVILLE, OR 97147  
 PH: (770) 528-9411  
 FX: (770) 522-2883  
 www.wahoo-docks.com



**TYPICAL CONSTRUCTION**

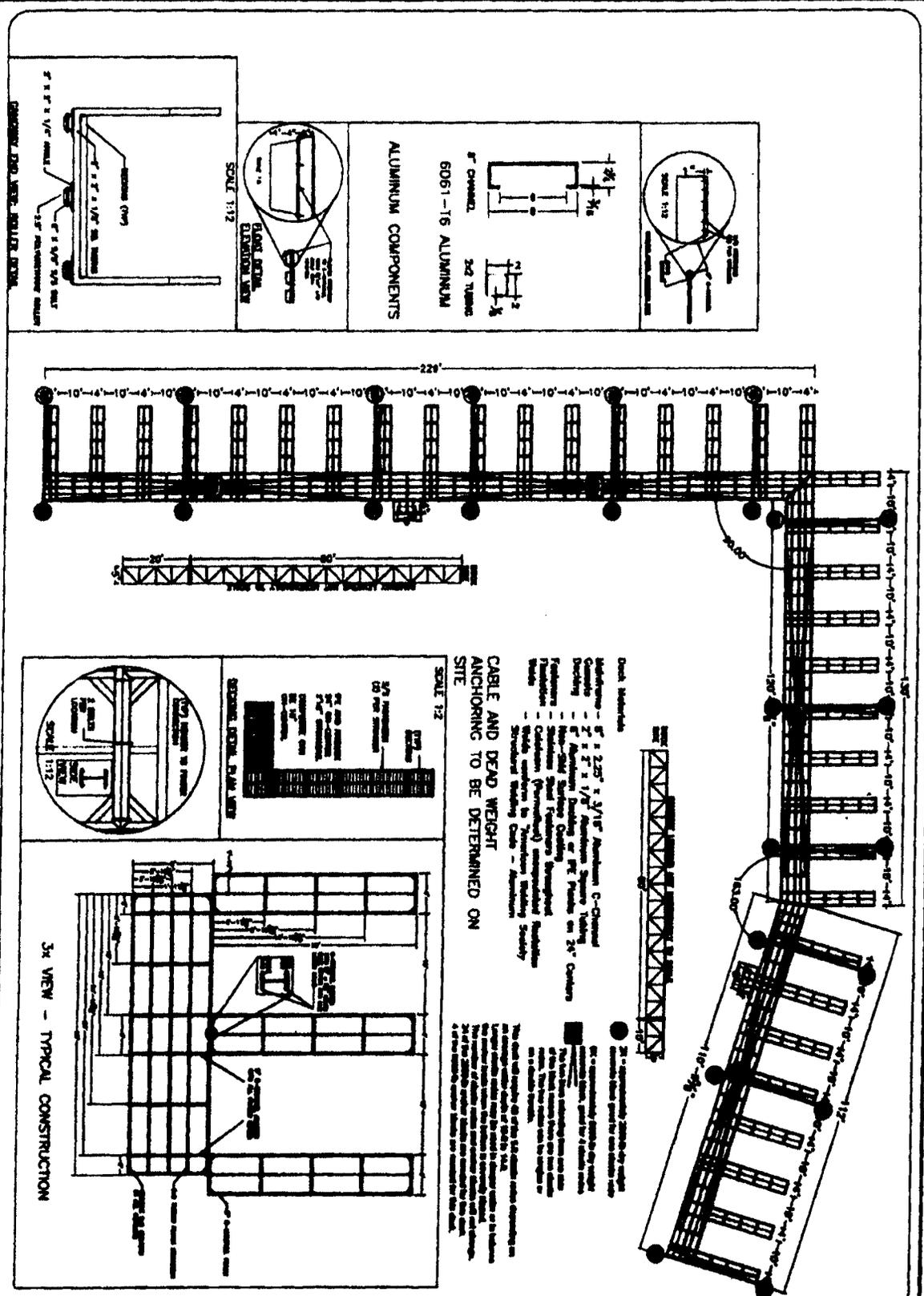


- Dock Materials**
- Structure - 6" x 2.25" x 3/16" Aluminum C-Channel
  - Decking - 2" x 2" x 1/8" Aluminum Slats (Yalby)
  - Fenders - 6" Aluminum Decking or PVC Panels on 24" Centers
  - Fasteners - Non-Skid Surface Coating
  - Protection - Stainless Steel Fasteners (Anodized)
  - Welds - Galvalume (Permitted) uncoated fasteners
  - Welds conform to American Welding Society Structural Welding Code - Aluminum

**CABLE AND DEAD WEIGHT ANCHORING TO BE DETERMINED ON SITE**

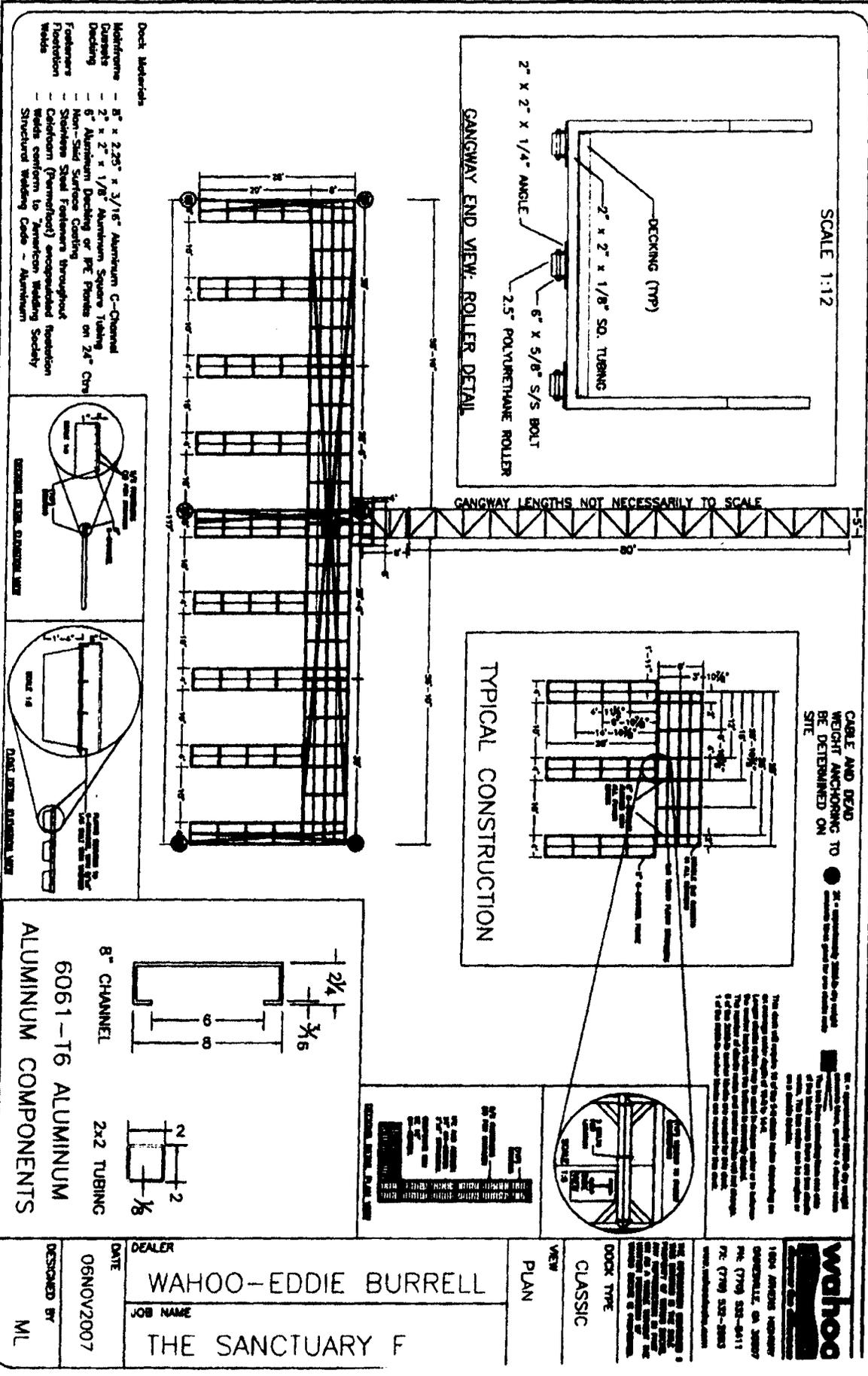
	<b>VIEW</b> PLAN		<b>DOCK TYPE</b> CLASSIC
	WAHOO-EDDIE BURRELL THE SANCTUARY C		WAHOO 1000 AVONDALE HIGHWAY AVONDALE, GA 30007 Ph: (770) 522-0411 Fx: (770) 522-2883 www.wahoodocks.com
DESIGNED BY ML	DATE 05NOV2007	DEALER WAHOO-EDDIE BURRELL	JOB NAME THE SANCTUARY C

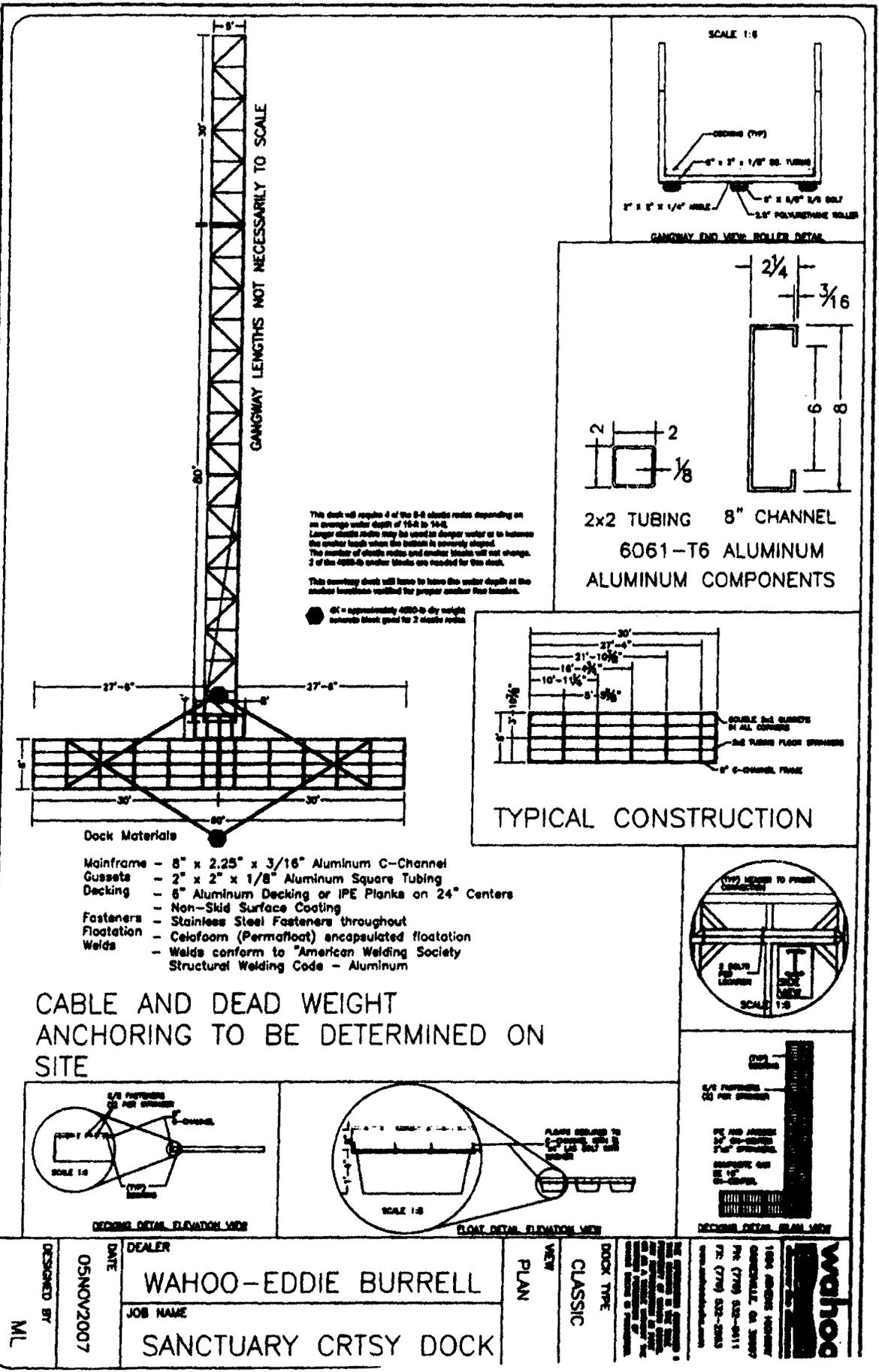




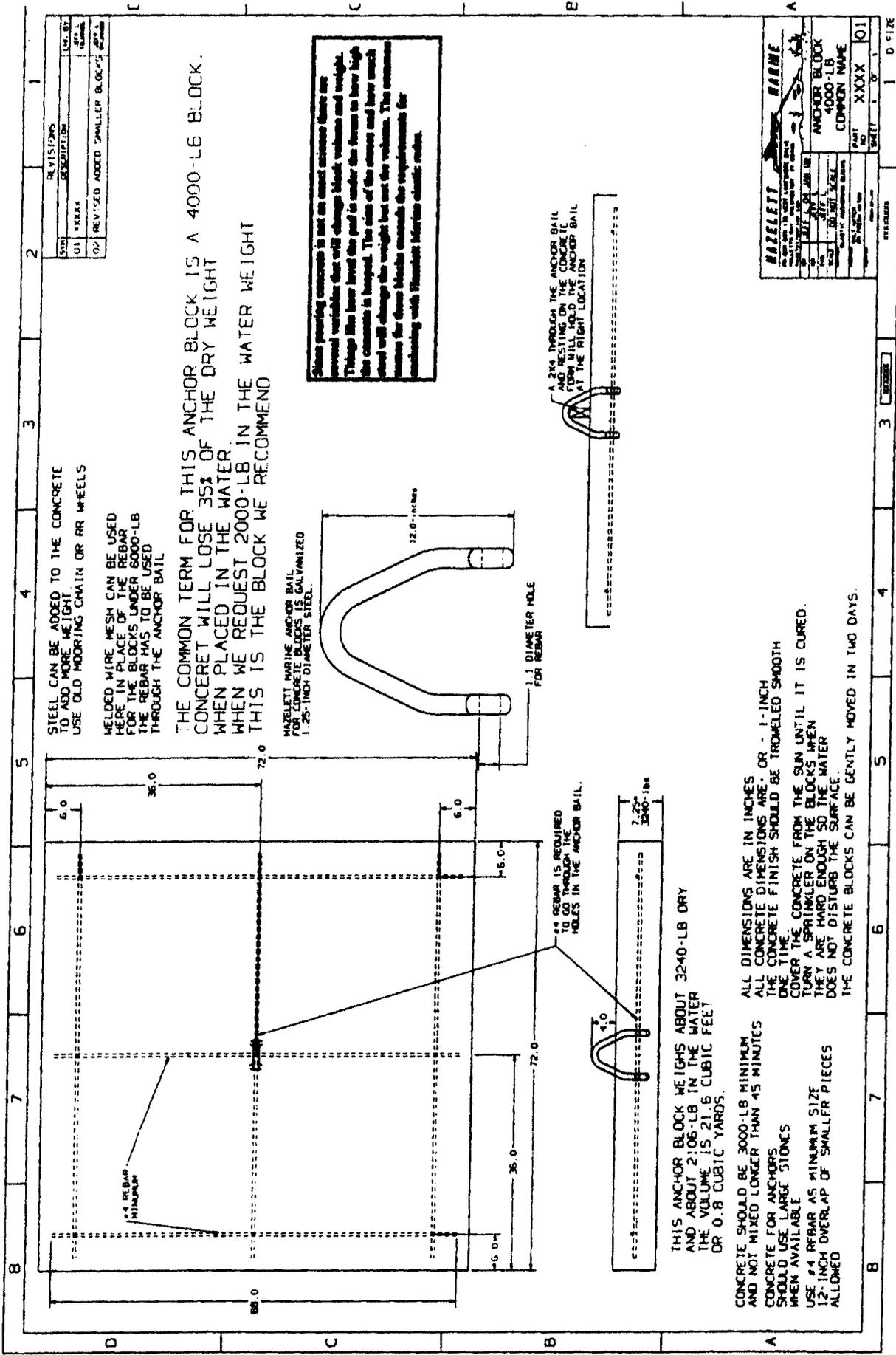
<b>Wahoo</b> 1804 AVONDA HARBOR OCEANVILLE, OR 97027 PH: (773) 582-8411 FX: (773) 582-8883 www.wahoodesign.com	<b>VIEW</b> CLASSIC ELEVATION	<b>DECK TYPE</b> CLASSIC
	DEALER <b>WAHOO-EDDIE BURRELL</b>	JOB NAME <b>THE SANCTUARY E</b>
DATE <b>31 OCT 2007</b>		

SAC 2008-0214-61J  
 Feb. 8, 2008





SAC 2008-0214-61J  
Feb. 8, 2008



STEEL CAN BE ADDED TO THE CONCRETE TO ADD MORE WEIGHT.  
USE OLD MOORING CHAIN OR RR WHEELS

WELDED WIRE MESH CAN BE USED HERE IN PLACE OF THE REBAR FOR THE BLOCKS UNDER 6000-LB THROUGH THE ANCHOR BAIL

THE COMMON TERM FOR THIS ANCHOR BLOCK IS A 4000-LB BLOCK. CONCRET WILL LOSE 35% OF THE DRY WEIGHT WHEN PLACED IN THE WATER. WHEN WE REQUEST 2000-LB IN THE WATER WEIGHT THIS IS THE BLOCK WE RECOMMEND

HIZELLETT MARINE ANCHOR BAIL FOR CONCRETE BLOCKS IS GALVANIZED 1.25-INCH DIAMETER STEEL.

Since pouring concrete is not an exact science there are several variables that will change block volume and weight. Things like how level the pad is under the forms to how high the concrete is tamped. The size of the cement and how much sand will change the weight but not the volume. The contractor must be sure the blocks exceeds the requirements for anchoring with Flanigan Marine chain cable.

A 2x4 THROUGH THE ANCHOR BAIL AND RESTING ON THE CONCRETE FORM WILL HOLD THE ANCHOR BAIL AT THE RIGHT LOCATION

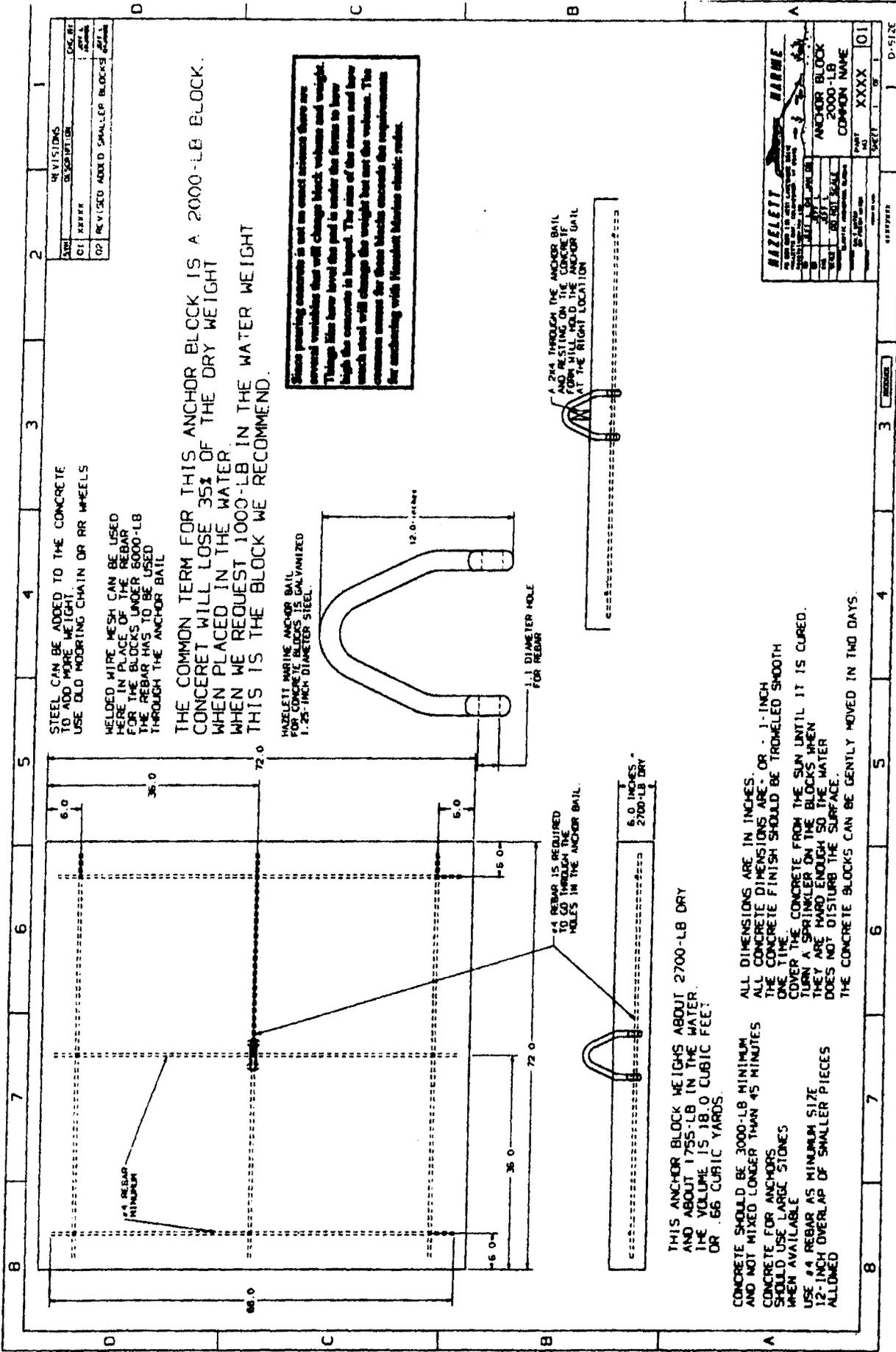
THIS ANCHOR BLOCK WEIGHS ABOUT 3240-LB DRY AND ABOUT 2106-LB IN THE WATER THE VOLUME IS 21.6 CUBIC FEET OR 0.8 CUBIC YARDS.

CONCRETE SHOULD BE 3000-LB MINIMUM AND NOT MIXED LONGER THAN 45 MINUTES CONCRETE FOR ANCHORS SHOULD USE LARGE STONES WHEN AVAILABLE USE #4 REBAR AS MINIMUM SIZE 12-INCH OVERLAP OF SMALLER PIECES ALLOWED

ALL DIMENSIONS ARE IN INCHES THE CONCRETE FINISH SHOULD BE TROWELED SMOOTH ONE TIME COVER THE CONCRETE FROM THE SUN UNTIL IT IS CURED. TURN A SPRINKLER ON THE BLOCKS WHEN THEY ARE HARD ENOUGH SO THE WATER DOES NOT DISTURB THE SURFACE. THE CONCRETE BLOCKS CAN BE GENTLY MOVED IN TWO DAYS.

REV	DESCRIPTION	DATE
01	XXXX	
02	REVISED ADDED SMALLER BLOCKS	

<b>HIZELLETT MARINE</b>	
ANCHOR BLOCK 4000-LB COMMON NAME	
PART NO	XXXX
SHEET	01



STEEL CAN BE ADDED TO THE CONCRETE TO ADD MORE WEIGHT. USE OLD MOORING CHAIN OR RR WHEELS

WELDED WIRE MESH CAN BE USED IN PLACE OF THE REBAR FOR THE BLOCKS UNDER 5000-LB. THE REBAR HAS TO BE USED THROUGH THE ANCHOR BAIL

THE COMMON TERM FOR THIS ANCHOR BLOCK IS A 2000-LB BLOCK. CONCRET WILL LOSE 35% OF THE DRY WEIGHT WHEN PLACED IN THE WATER. WHEN WE REQUEST 1000-LB IN THE WATER WEIGHT THIS IS THE BLOCK WE RECOMMEND.

Since precast concrete is not an exact science there are several variables that will change block volume and weight. Things like how level the pad is under the forms to how high the concrete is tamped. The size of the stones used here (which steel will change the weight but not the volume. The common sense for these blocks exceeds the requirements for anchoring with (Hazard Marine) elastic rods.

HARLETT MARINE ANCHOR BAIL FOR CONCRETE IN 1.25" GALVANIZED 1.25" INCH DIAMETER STEEL

A #14 THROUGH THE ANCHOR BAIL AND RESTING ON THE CONCRETE FORM WILL HOLD THE ANCHOR BAIL AT THE RIGHT LOCATION

1.1 DIAMETER HOLE FOR REBAR

#4 REBAR IS REQUIRED TO GO THROUGH THE HOLES IN THE ANCHOR BAIL

6.0 INCHES \* 2700-LB DRY

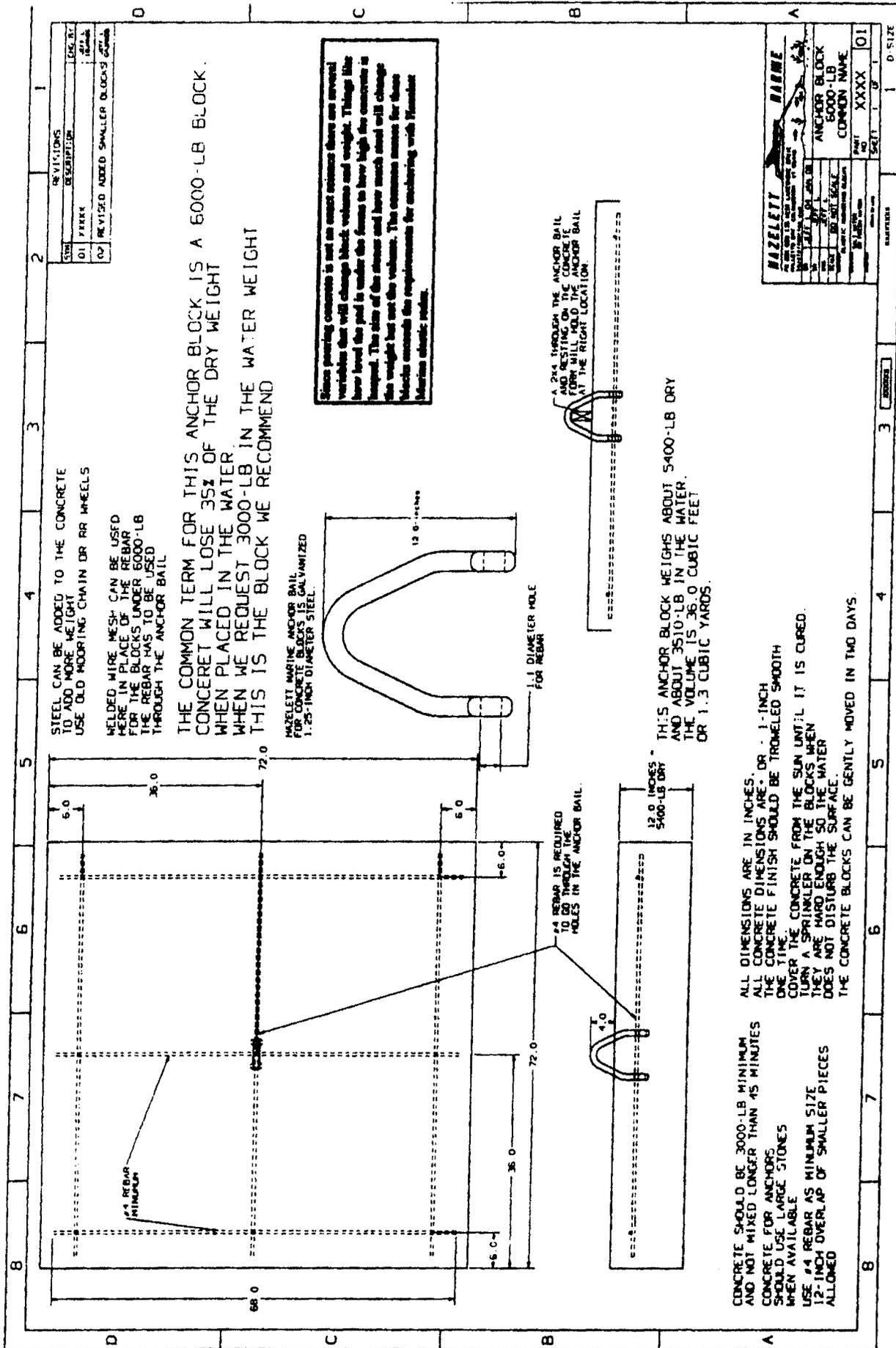
THIS ANCHOR BLOCK WEIGHS ABOUT 2700-LB DRY AND ABOUT 1755-LB IN THE WATER. THE VOLUME IS 18.0 CUBIC FEET. OR .66 CUBIC YARDS.

CONCRETE SHOULD BE 3000-LB MINIMUM AND NOT MIXED LONGER THAN 45 MINUTES. CONCRETE FOR ANCHORS SHOULD USE LARVIC STONES WHEN AVAILABLE. USE #4 REBAR AS MINIMUM SIZE. 12" INCH OVERLAP OF SMALLER PIECES ALLOWED.

ALL DIMENSIONS ARE IN INCHES. THE CONCRETE FINISH SHOULD BE TROWELED SMOOTH ONE TIME. COVER THE CONCRETE FROM THE SUN UNTIL IT IS CURED. TURN A SPRINKLER ON THE BLOCKS WHEN THEY ARE HARD ENOUGH SO THE WATER DOES NOT DISTURB THE SURFACE. THE CONCRETE BLOCKS CAN BE GENTLY MOVED IN TWO DAYS.

NO.	REVISIONS	DATE	BY
01	REVISIONS		
02	REVISED TO ADD SMALLER BLOCKS		

<b>HARLETT</b>		<b>HARME</b>	
ANCHOR BLOCK	2000-LB	PART NO	XXXX
COMMON NAME		REV	01
DATE		D-SIZE	

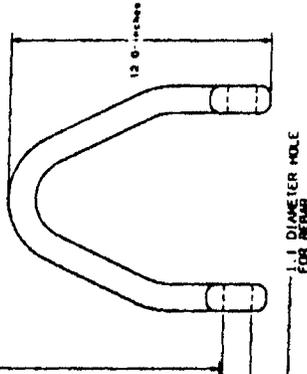


STEEL CAN BE ADDED TO THE CONCRETE TO ADD MORE WEIGHT. USE OLD MOORING CHAIN OR RR WHEELS.

WELDED WIRE MESH CAN BE USED HERE IN PLACE OF THE REBAR FOR THE BLOCKS UNDER 6000-LB. THE REBAR HAS TO BE USED THROUGH THE ANCHOR BAIL.

THE COMMON TERM FOR THIS ANCHOR BLOCK IS A 6000-LB BLOCK. CONCRETE WILL LOSE 35% OF THE DRY WEIGHT WHEN PLACED IN THE WATER. WHEN WE REQUEST 3000-LB IN THE WATER WEIGHT THIS IS THE BLOCK WE RECOMMEND.

HAZLETT MARINE ANCHOR BAIL FOR CONCRETE BLOCKS IS GALVANIZED 1.25-INCH DIAMETER STEEL.



#4 REBAR IS REQUIRED TO GO THROUGH THE HOLES IN THE ANCHOR BAIL.

A 2x4 THROUGH THE ANCHOR BAIL AND RESTING ON THE CONCRETE WILL HOLD THE ANCHOR BAIL AT THE RIGHT LOCATION.

THIS ANCHOR BLOCK WEIGHS ABOUT 5400-LB DRY AND ABOUT 3510-LB IN THE WATER. THE VOLUME IS 36.0 CUBIC FEET OR 1.3 CUBIC YARDS.

CONCRETE SHOULD BE 3000-LB MINIMUM AND NOT MIXED LONGER THAN 45 MINUTES. CONCRETE FOR ANCHORS SHOULD USE LARGE STONES WHEN AVAILABLE. USE #4 REBAR AS MINIMUM SIZE. 12-INCH OVERLAP OF SMALLER PIECES ALLOWED.

ALL DIMENSIONS ARE IN INCHES. THE CONCRETE FINISH SHOULD BE TROWELED SMOOTH ONE TIME. COVER THE CONCRETE FROM THE SUN UNTIL IT IS CURED. TURN A SPRINKLER ON THE BLOCKS WHEN THEY ARE HARD ENOUGH SO THE WATER DOES NOT DISTURB THE SURFACE. THE CONCRETE BLOCKS CAN BE GENTLY MOVED IN TWO DAYS.

REV	DESCRIPTION	DATE
01	FRANK	
02	REVISED ADDED SMALLER BLOCKS	

HAZLETT MARINE		D. SIZE	
HAZLETT MARINE	ANCHOR BLOCK	1	1
12.0 INCHES	6000-LB	1	1
1.1 INCH	CONCRETE NAME	XXXX	01
1.25 INCH	HAZLETT MARINE	HAZLETT	1