FLOATING DEBRIS BARRIER DETAILS
UNDERWATER HANGING DEBRIS SCREEN DETAILS

ELEVATION VIEW

NOTES:


2. THE TYPE OF MATERIAL AND TYPE OF CONSTRUCTION FOR THE UNDERWATER HANGING DEBRIS SCREENS VARIES CONSIDERABLY BETWEEN MANUFACTURERS.

3. SEE SHEET 4 AND 6 FOR FLUOROSCOPY IMAGES THAT WILL REQUIRE UNDERWATER HANGING DEBRIS SCREENS. ALSO, THE DEPTH OF SCREEN FOR RESPECTIVE FLUOROSCOPY BODY.

4. THE DESIGN, MATERIAL, CONSTRUCTION AND CONNECTIONS SHALL BE SUCH THAT THE UNDERWATER HANGING DEBRIS SCREEN WILL NOT DECELTER ALONG THE LONGITUDINAL AXIS, AND THE SCREEN WILL REMAIN IN A VERTICAL POSITION DURING FLOOD CONDITIONS.
NOTICE:
72 HOURS BEFORE DIGGING
CALL 1-800-272-3020
TO LOCATE UTILITY LINES

NOTES:
1. 3 HOLES OF Diam. 1/2" ROD WITH HOLE 2" DEEP OF SAME STEEL CONSTRUCTION AS A WIRE ROPE AND HAVING A CABLE OF 0.6" DIAMETER. ROPE WILL BE AT ELEVATION 43.0' NAVD 88. WIRE ROPE HANGAR TO BE AROUND ALL THREE.
2. THE ANGLE BETWEEN THE EYE-ROD AND VERTICAL IS THE ELEVATION DIFFERENCES BETWEEN THE CONNECTIONS WHERE THE CABLES ARE CONNECTED.
3. 3 HOLES OF Diam. 1/2" ROD WITH HOLE 2" DEEP AT ELEVATION 43.0' NAVD 88. ELEVATION 4.0' NAVD 88.

TYPICAL TIMBER PILE ANCHOR SYSTEM
AT BRADY CANAL BOAT BAY

"AS-BUILT"
DATE OF COMPLETION: 6/29/2013

NRCS
United States Department of Agriculture

TIMBER PILE CONNECTION DETAILS
TE-34 FLOATING DEBRIS BARRIER
BRADY CANAL AND SUPERIOR CANAL
TERREBONNE PARISH, LOUISIANA

DESIGNER: M. CREELSON
DRAWN: A. CREELSON
CHECKED: B. RANSOM
APPROVED: M. CREELSON
**DO NOT PROCEED**

**SIGN DETAILS**

- **12" x 10' TIMBER PILE**
- **2" x 1" ALUMINUM STRIP** (SAME AS SIGN STOCK)
- **2" CONDUCTIVITY TAPE**
- **1/2" PLATE ALUMINUM**

**PLAN**

- **1/4" X 1/2" STAINLESS STEEL LAG BOLT**
- **3/8" ALUMINUM ANGLE** (MELTED TO SIGN)
- **2" RADIUS ON ALL CORNERS**

**AMEND. 1**

- **17" x 17" ALUMINUM STRIP**
- **SAME AS SIGN STOCK**
- **AMEND. 1**

**MODIFICATION 1**

- **17" x 17" ALUMINUM STRIP**
- **SAME AS SIGN STOCK**

**MODIFICATION 2**

- **THE PURPOSE OF MODIFICATION NO. 3 IS TO CONCINE AMENDMENT 1 AND MODIFICATION 1 INTO A SINGLE DOCUMENT.**

**PERMANENT SIGN DETAILS**

1. **NOTE:**
   - The 2"radius on the sign shall be a reflective material of orange color.
   - The letters and numbers shall be equal to a 4"x4" in size.
   - The sign shall be perpendicular and away from the shoreline.
   - See sheet 11 for details on the 4 pile dolphin.
AMENDMENT NO. 1

Notes:
1. All 1/4" diameter all-threaded rebar shall be secured by being wrapped in place on three layers of 3/4" galvanized hexagonal mesh, and then molded into the rebar. The rebar shall meet Stainless Steel Type 201, all rebar shall be coated with a single coat of mastic tar before being placed in the mastic.

2. Eight (8) wraps of Stainless Steel Wire Rope, Type 304, of 6x19 Strand, shall be used as a minimum. The 8 wraps shall be centered at an elevation of +4.5 " above.

3. The Stainless Steel Wire Rope shall be secured using Stainless Steel Shoring Sleeves, Type 304 or Type 316 Stainless Steel Wire Rope Clips.

4. The row of 3/4" diameter all-threaded rebar shall be a minimum of 6" below the top of the batter pile and 5" vertical clearance from adjacent rebar.

5. All timber piles for four pile navigation aid dolphin shall be treated 12" x 1016.

6. All timber piles shall be fitted with a timber pile cap.

ELEVATION VIEW

TYPICAL TIMBER PILE CAP

(NOT TO SCALE)

DO NOT PROCEED

ELEVATION VIEW

TYPICAL TIMBER PILE CAP

(NOT TO SCALE)