

PANEL FRAME SECTION
O
S-2

NOTES:

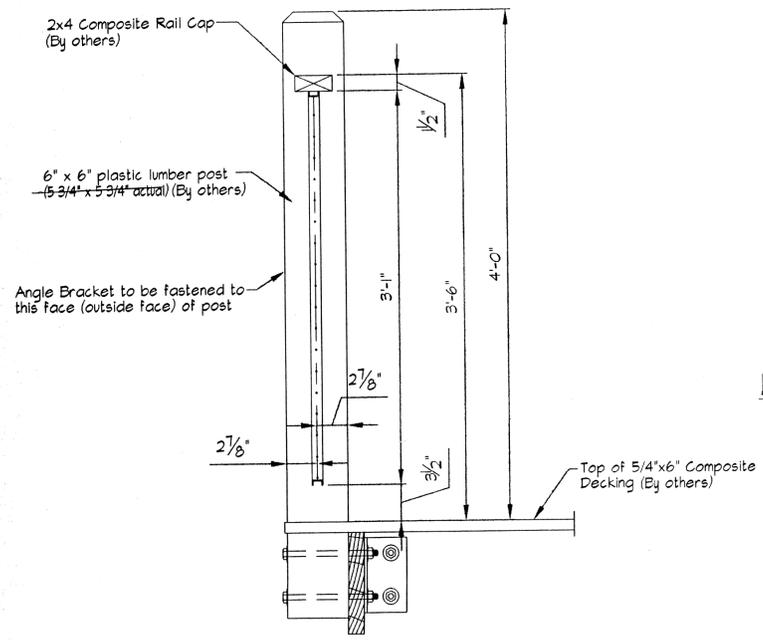
- Steel shall be ASTM A36
- Banding shall be ASTM A36
- Angles shall be ASTM A36
- Wire cloth fabric shall be ASTM E2016-99 and shall be plain woven
- Welding shall be done in accordance with AWS D1.1 Structural Welding Code - "Steel"
- After fabrication wire panels shall be color galvanized (Black) in accordance with the following or approved equal:
- Hot-Dip Galvanizing shall be done in accordance with ASTM A123 for fabricated products and ASTM A153 for hardware. The galvanizing bath shall contain high grade zinc and other earthy materials. Immediately before galvanizing, the steel shall be immersed in a bath of zinc ammonium chloride. The use of the wet kettle process is prohibited.
- Provide factory-applied polyamide epoxy primer over specially prepared galvanized steel. 2.0 mil. dry film thickness min. Apply primer within 12 hours after galvanizing at the galvanizers plant in a controlled environment meeting applicable environmental regulations, and as recommended by the coating manufacturer.
- Provide factory-applied polyurethane color coating. 2.5 mils DFT min. architectural coating over primed galvanized steel as previously referenced. Apply coating at the galvanizers plant, immediately after application of the prime coat in a controlled environment meeting applicable environmental regulations, and as recommended by the coating manufacturer.
- Engage the services of a galvanizer who has demonstrated a minimum of five (5) years' experience in the successful performance of the processes outlined in the specifications. See attached sheet for details.

TYPICAL WIRE CLOTH RAIL PANEL ELEVATION - EXTERIOR VIEW

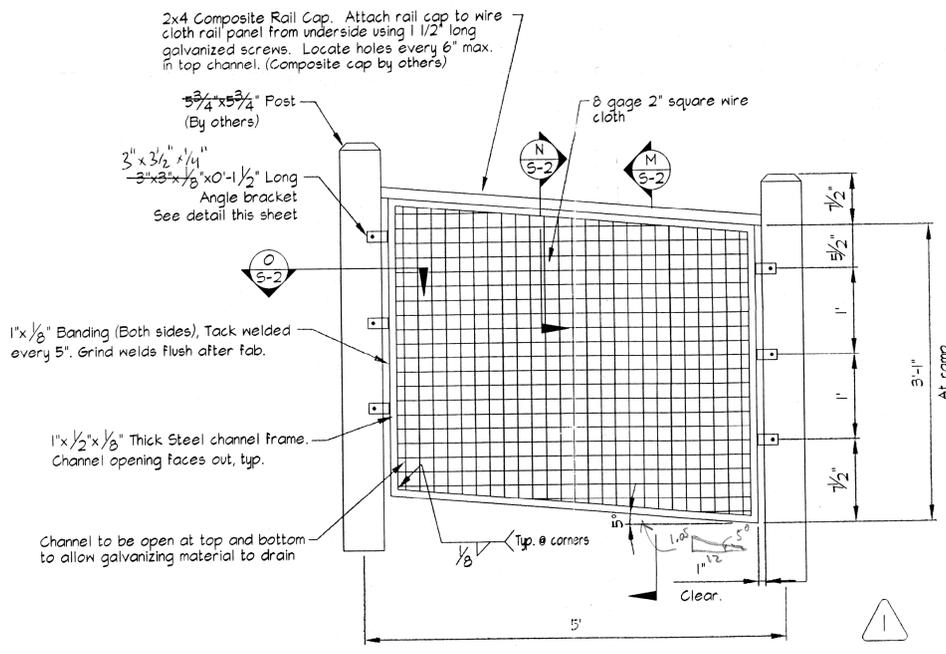
MARK WP7 WIRE CLOTH STAIR PANEL ELEVATION - EXTERIOR VIEW

Wire Panel Table			
Mark	Quantity	Post C/C	L
WP1	48	40.25	
WP2	756	60	52.25
WP3	8	21	13.25
WP4	12	58.25	
WP5	3	17	9.25
WP6	3	23	15.25
WP7	See Stair detail		
WP8	1	27	19.25
WP9	1	19	11.25
WP10	2	20.625	12.875
WP11	See Detail		
WP12	See Detail		
WP13	See Detail		
WP14	1	45	37.25
WP15	2	70.6875	62.9375

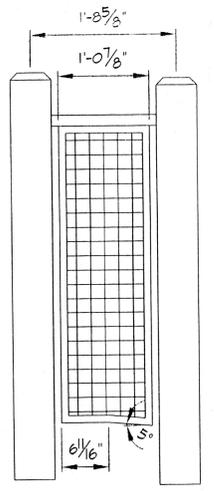
CONFIRM
TO BE VERIFIED BY CONTRACTOR



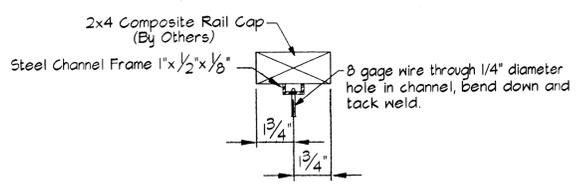
RAIL SECTION
M
S-2



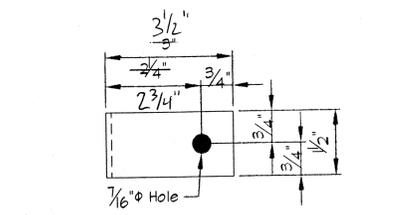
WP-11 TYPICAL RAMP WIRE CLOTH RAIL PANEL ELEVATION - EXTERIOR VIEW



WP10 DETAIL
(1 Required A/S)
(1 Required O/H)



RAIL CAP / PANEL FRAME SECTION
N
S-2



3 x 3/2 x 1/4 ANGLE BRACKET
(5160 REQUIRED)

SHOP DRAWING REVIEW

APPROVED REVISE AND RESUBMIT

APPROVED AS NOTED

COMMENTS MADE ON THIS SHOP DRAWING OR SAMPLE DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH THE CONTRACT DOCUMENTS. THE REVIEW OF THIS SHOP DRAWING OR SAMPLE WHEN MADE IS FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT ONLY. IT IS NOT FOR QUANTITIES OR DIMENSIONS. IS SUBJECT TO COOPERATION WITH OTHER TRADES. DOES NOT AUTHORIZE CHANGES IN THE CONTRACT TIME OR AMOUNT OR OTHER CHANGES IN THE CONTRACT DOCUMENTS, AND IS WITHOUT PREJUDICE TO ANY AND ALL RIGHTS OF THE OWNER UNDER THE CONTRACT DOCUMENTS. THE CONTRACTOR IN SUBMITTING THE SHOP DRAWING OR SAMPLE HAS DETERMINED AND VERIFIED ALL QUANTITIES, DIMENSIONS, FIELD CONSTRUCTION CRITERIA, MATERIALS, PRODUCT CATALOGUE NUMBERS AND DESCRIPTIONS, AND SIMILAR DATA ON CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR DOING SO, AND THAT CONTRACTOR HAS REVIEWED OR COORDINATED THIS SHOP DRAWING OR SAMPLE WITH ALL APPROVED SHOP DRAWING REQUIREMENTS OF THE WORK AND THE CONTRACT DOCUMENTS.

CONSOER TOWNSSEND ENVIRONMENTAL ENGINEERS, INC.
By: *John T. Haphewicz* DATE: 10-7-04



SHEET REVISIONS:

1	5/17/2004	ENGINEERS COMMENTS
2	8/6/2004	ENGINEERS COMMENTS

SMF SOUTHINGTON METAL FABRICATING COMPANY
AISC CERTIFIED
PO BOX 456 SOUTHINGTON, CT 06489 860.621.0149

TITLE: FEDERAL AID PROJECT NO. HPP-H030(1) EAST LYME NIANTIC BAY OVERLOOK WIRE CLOTH RAIL PANEL FABRICATION AND ERECTION DETAILS

SCALE: NONE DRAWN BY: NB, JR. CHECKED BY: TJB

DATE: 3/26/2004

CONTRACTOR: ADF INDUSTRIES

PROJECT: CTDOT 44-146 JOB: 7422 DRAWING: 5-2

Hole locations to be determined at fabrication

CONDOT COPY