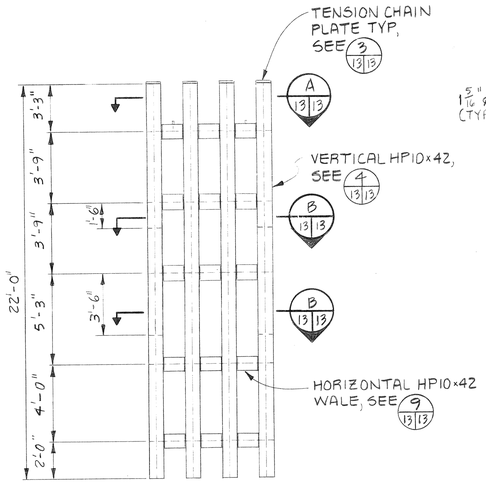
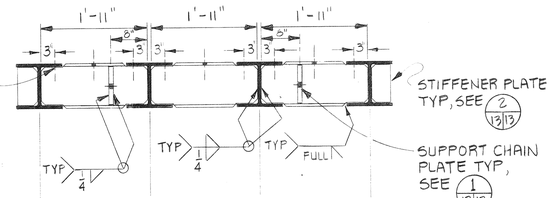
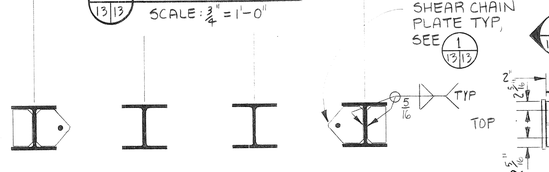


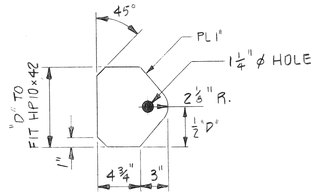
ELEVATION
SCALE: $\frac{1}{4}$"=1'-0"



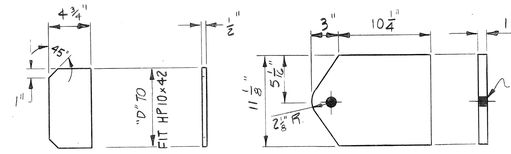
A 13/13 SECTION
SCALE: $\frac{3}{4}$"=1'-0"



B 13/13 SECTION
SCALE: $\frac{3}{4}$"=1'-0"

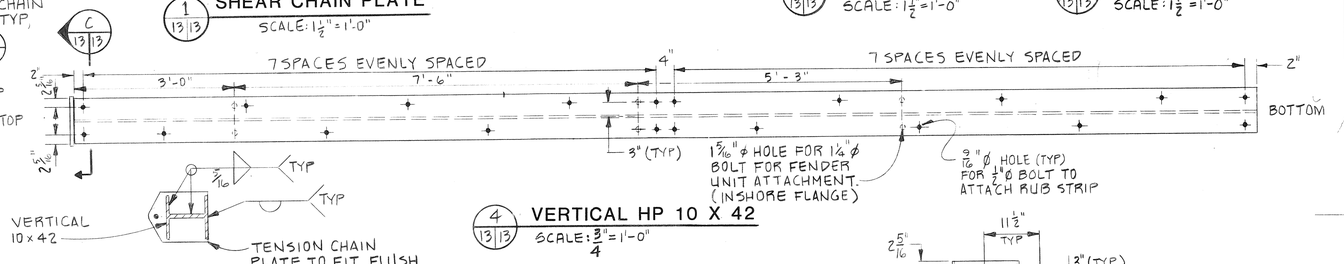


1 13/13 SUPPORT CHAIN & SHEAR CHAIN PLATE
SCALE: $1\frac{1}{2}$"=1'-0"



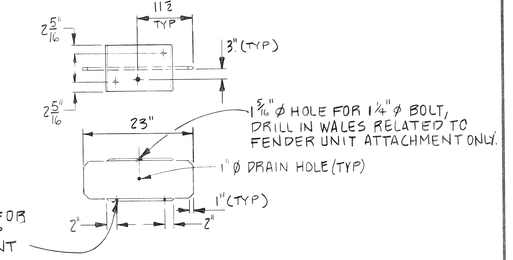
2 13/13 STIFFENER PLATE
SCALE: $1\frac{1}{2}$"=1'-0"

3 13/13 TENSION CHAIN PLATE
SCALE: $1\frac{1}{2}$"=1'-0"

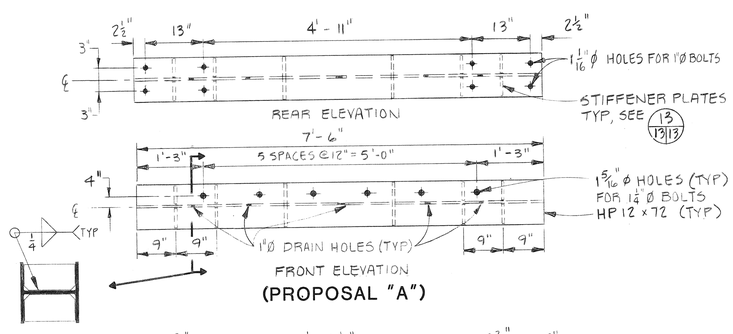


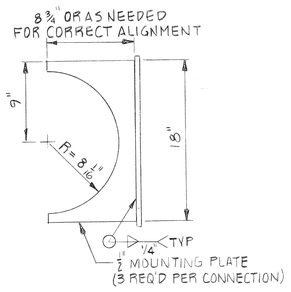
C 13/13 SECTION
SCALE: $\frac{3}{4}$"=1'-0"

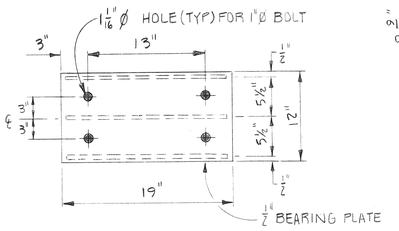
4 13/13 VERTICAL HP 10 X 42
SCALE: $\frac{3}{4}$"=1'-0"

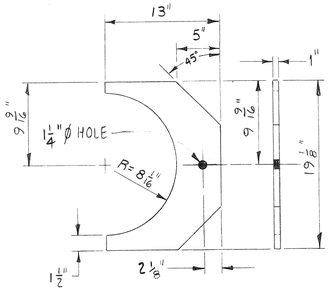


9 13/13 HORIZONTAL HP10 X 42
SCALE: $\frac{3}{4}$"=1'-0"



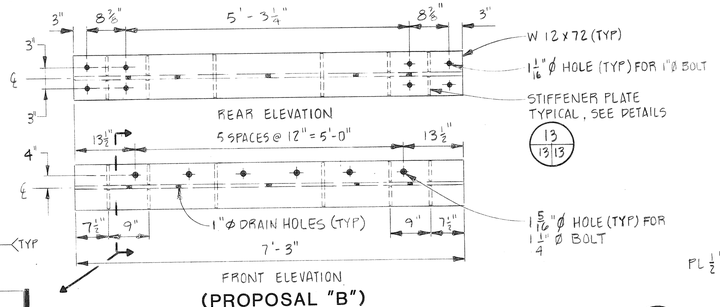




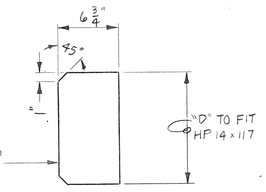


SHEAR CHAIN PILE PLATE FOR PIPE PILE

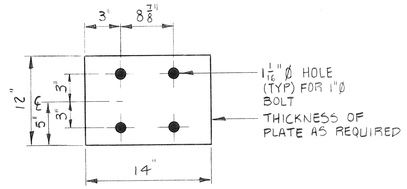
8 14/13 (PROPOSAL "A")
SCALE: $1\frac{1}{2}$"=1'-0"



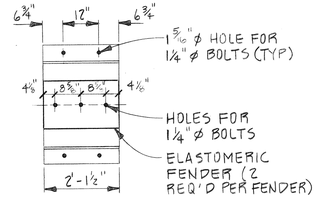
7 14/13 SUPPORT BEAM CONNECTION
SCALE: $1\frac{1}{2}$"=1'-0"



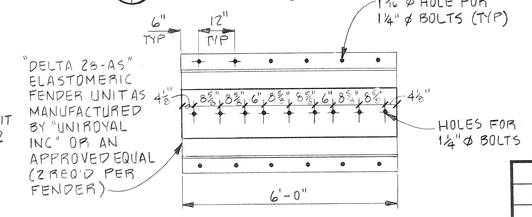
10 14/13 STIFFENER PLATE
(4 REQ'D PER PILE)

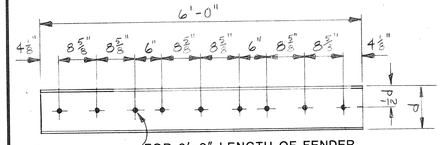


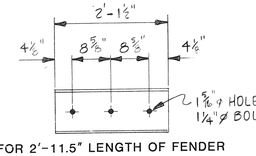
11 14/13 DETAIL - SHIM PLATE
(PROPOSAL "B")
SCALE: $1\frac{1}{2}$"=1'-0"



15 14/13 ELASTOMERIC FENDER UNIT
Scale: $\frac{1}{2}$"=1'-0"

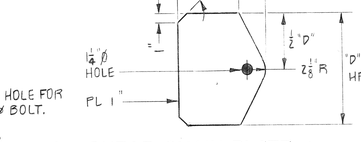




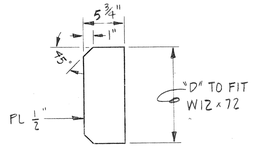


5 14/13 FENDER PILE SUPPORT BEAMS
SCALE: $\frac{3}{4}$"=1'-0"

6 14/13 RUBBER FENDER BACKING DETAIL
SCALE: $\frac{3}{4}$"=1'-0"



12 14/13 SHEAR CHAIN PLATE
PLATE DETAILS FENDER DOLPHIN PILE
(PROPOSAL "B")
SCALE: $1\frac{1}{2}$"=1'-0"



13 13/13 STIFFENER PLATE DETAIL
(PROPOSAL "A" & "B")
SCALE: $1\frac{1}{2}$"=1'-0"

14 14/13 ELASTOMERIC FENDER UNITS
SCALE: $\frac{1}{2}$"=1'-0"

FENDER FABRICATION

INTERNATIONAL FERRY TERMINAL
PORTLAND, MAINE

FEBRUARY 1988

CHILDS ENGINEERING CORPORATION
BOX 333 MEDFIELD, MASSACHUSETTS 02052 U.S.A.

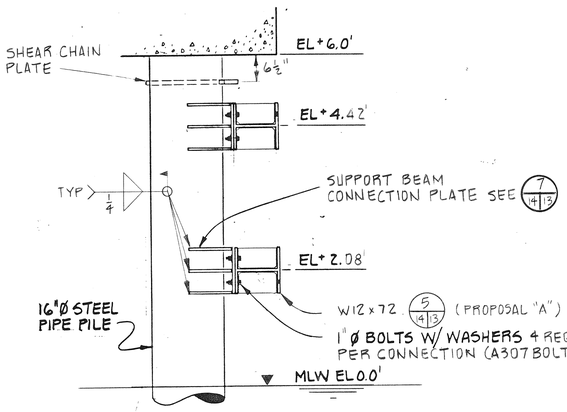
REVISIONS

DRAWN: RWH, MTF
CHECKED: RGF
APPD: DLP
DATE: 2/88

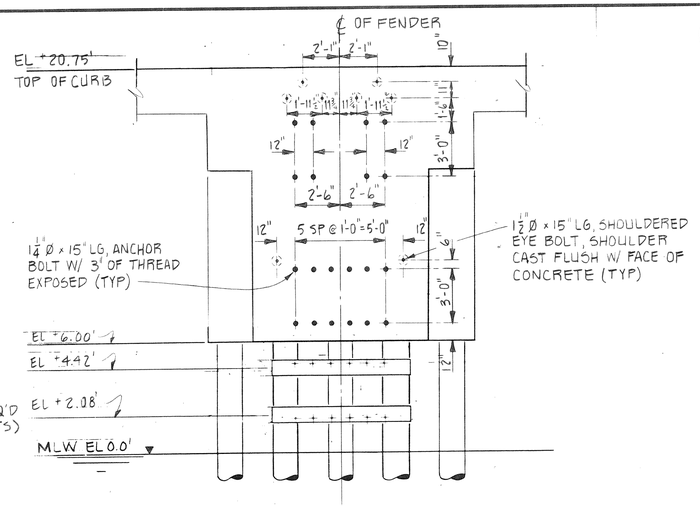
DWG NO. 81387.00-14
SHEET 13 OF 17

300 C.D.

MILLER REPROGRAPHICS CO.

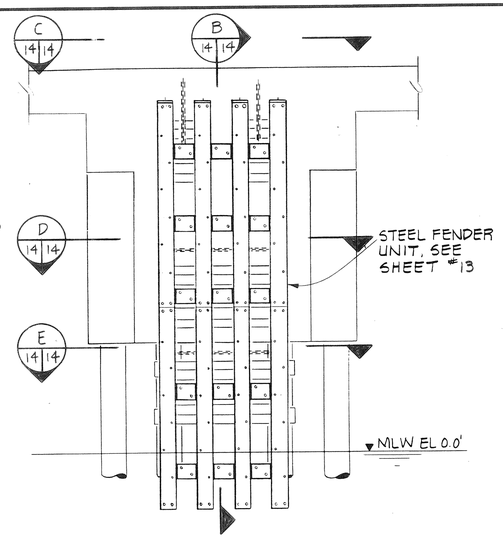


PROPOSAL "A"



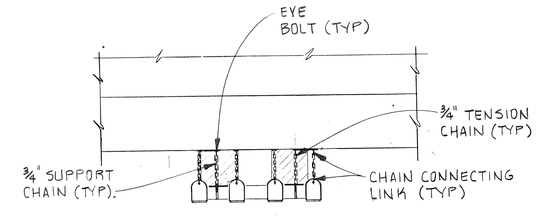
FENDER BOLTING PATTERN – ELEVATION

SCALE: 1/4" = 1'-0"



FENDER ASSEMBLY – ELEVATION

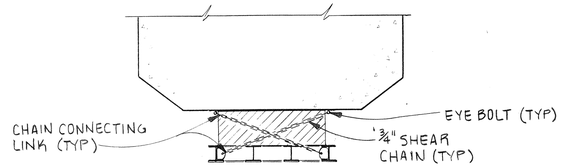
SCALE: 1/4" = 1'-0"



PLAN AT DECK ELEVATION

C 14/14 FENDER CHAIN INSTALLATION

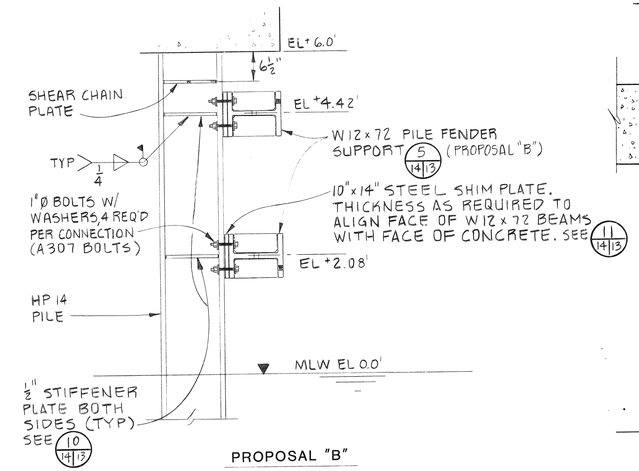
SCALE: 1/4" = 1'-0"



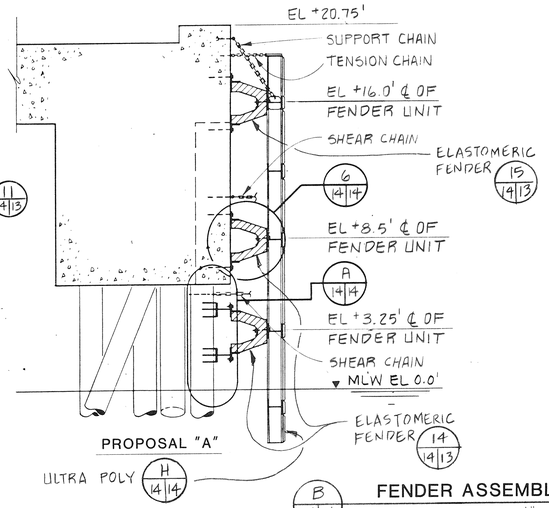
PLAN AT ELEVATION +12.0'

D 14/14 FENDER CHAIN INSTALLATION

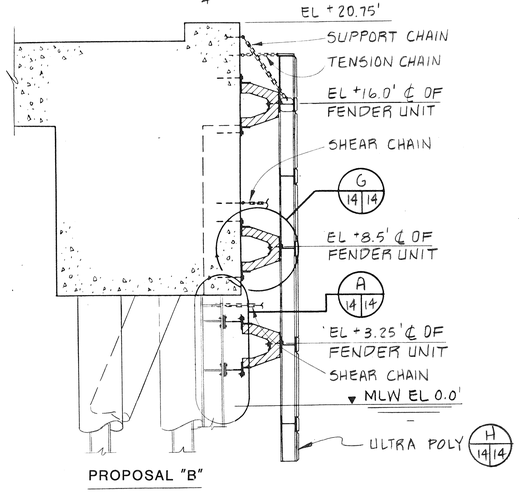
SCALE: 1/4" = 1'-0"



PROPOSAL "B"



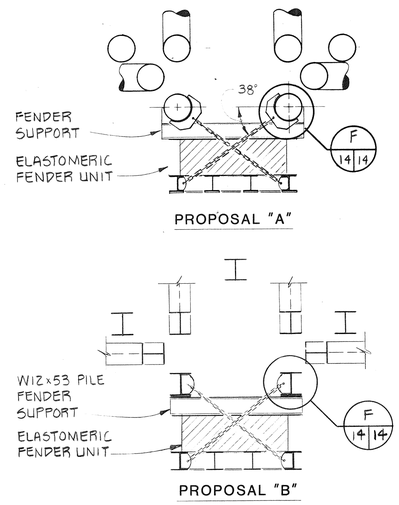
PROPOSAL "A"



PROPOSAL "B"

B 14/14 FENDER ASSEMBLY – SECTION

SCALE: 1/4" = 1'-0"



PROPOSAL "A"

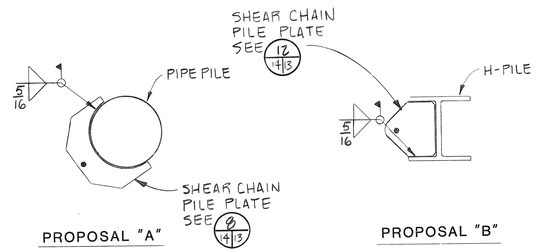
PROPOSAL "B"

E 14/14 FENDER CHAIN INSTALLATION

SCALE: 1/4" = 1'-0"

A 14/14 LOWER FENDER ATTACHMENT DETAIL

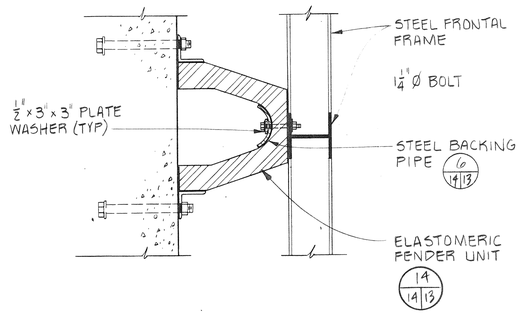
SCALE: 3/4" = 1'-0"



PROPOSAL "A" PROPOSAL "B"

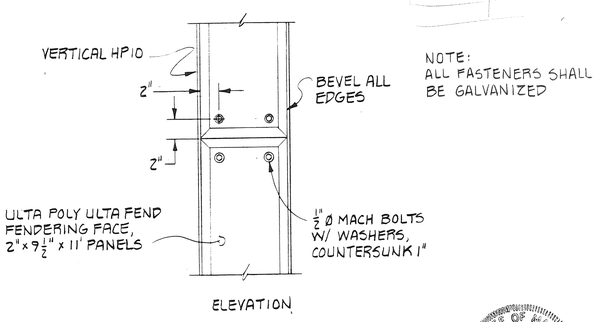
F 14/14 SHEAR CHAIN PLATE FASTENING DETAIL

SCALE: 3/4" = 1'-0"

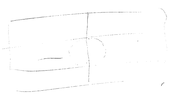


G 14/14 ELASTOMERIC FENDER ATTACHMENT – SECTION

SCALE: 3/4" = 1'-0"



ELEVATION



NOTE:
ALL FASTENERS SHALL BE GALVANIZED

H 14/14 ULTRA POLY DETAIL

SCALE: 1½" = 1'-0"

STATE OF MAINE
DAVID LIVINGSTON PORTER
No. 6783
REGISTERED PROFESSIONAL ENGINEER

FENDER DOLPHIN ASSEMBLY

INTERNATIONAL FERRY TERMINAL
PORTLAND, MAINE

FEBRUARY 1988

CHILDS ENGINEERING CORPORATION
BOX 333 MEDFIELD, MASSACHUSETTS 02052 U.S.A.

DRAWN: RWH
CHECKED: DLP

DWG NO. 81387.00-15

129068
MILLER REPROGRAPHICS CO.