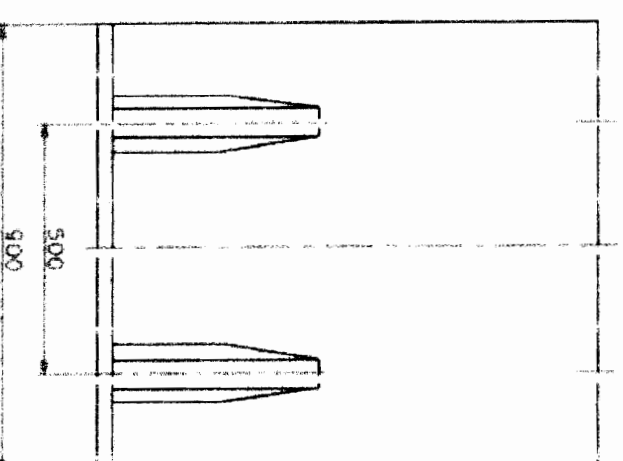
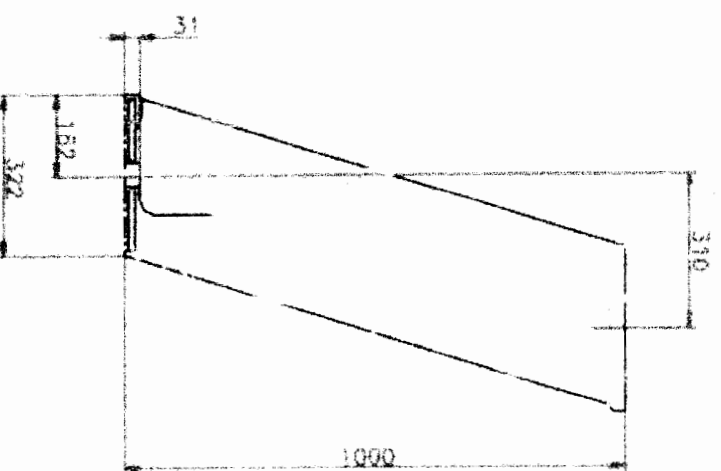
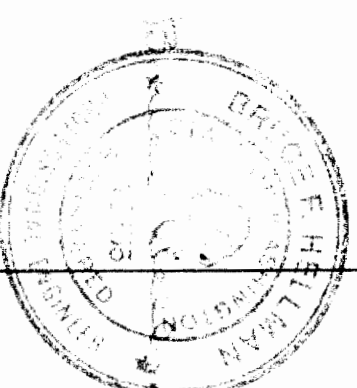




2-12-15
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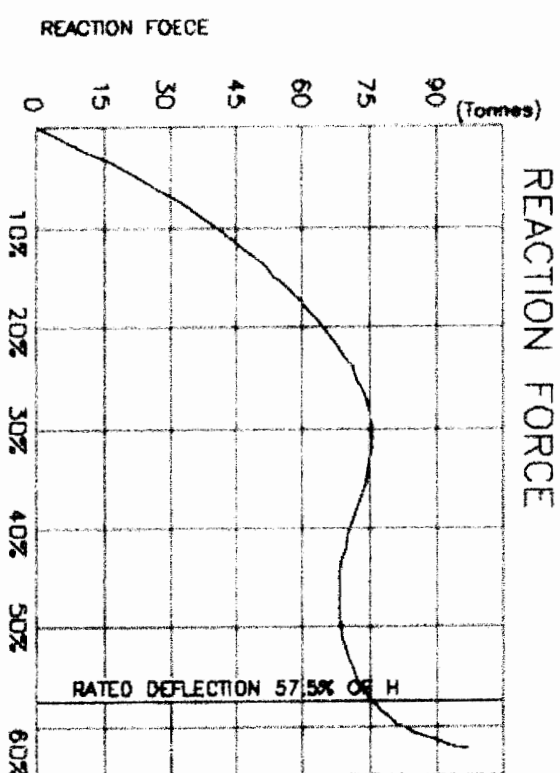
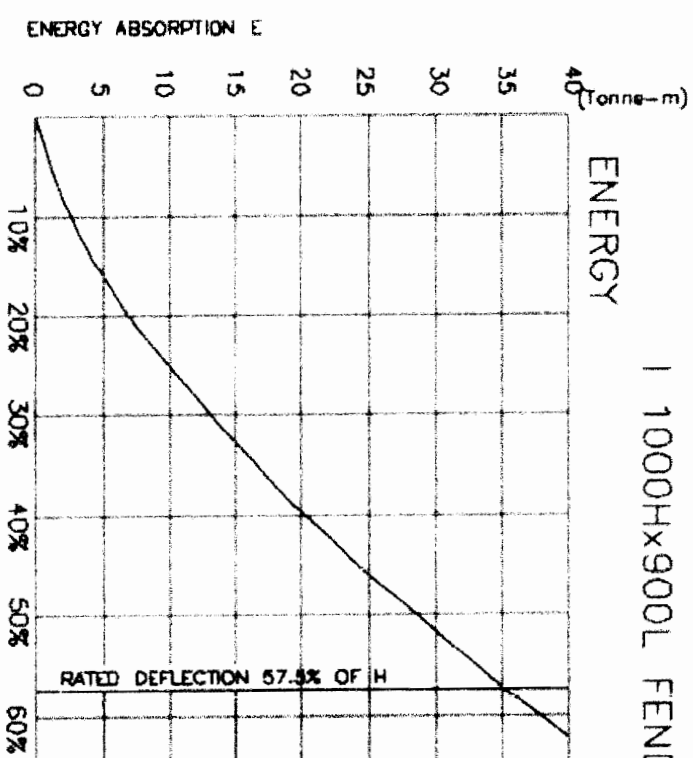
Notes:

1. Energy Absorption @57.5% 35. T-M.
2. Reaction Force @57.5% 75.1 T.

 Zilida Technology 美国智达技术有限公司		1000x100L Element Fender Element	
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Date Oct. 21, 2003	Rev 1	Proof FF	Approved WZ

ENERGY

I 1000Hx900L FENDER PERFORMANCE CURVES

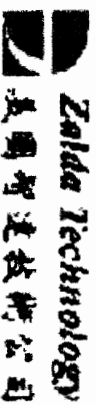


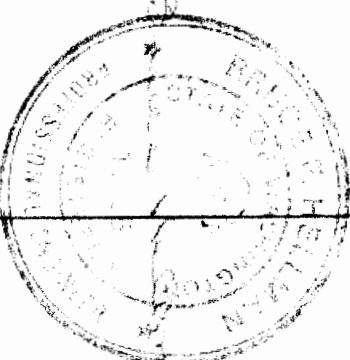
DEFLECTION, % OF H

Performance tolerance $\pm 10\%$ of rated

Notes:

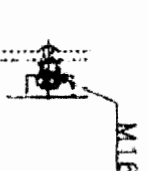
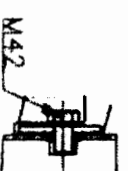
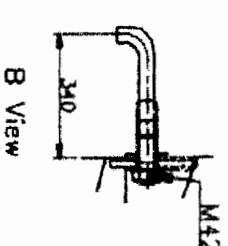
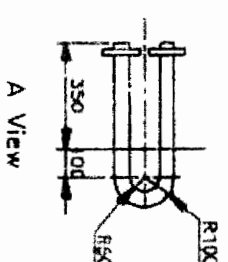
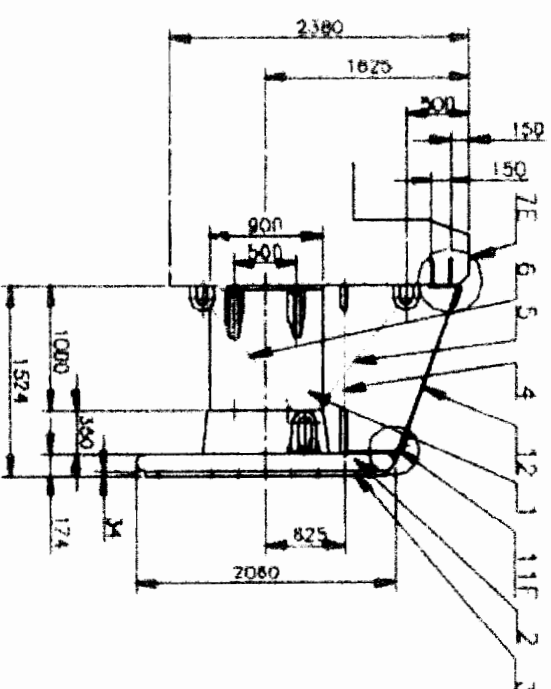
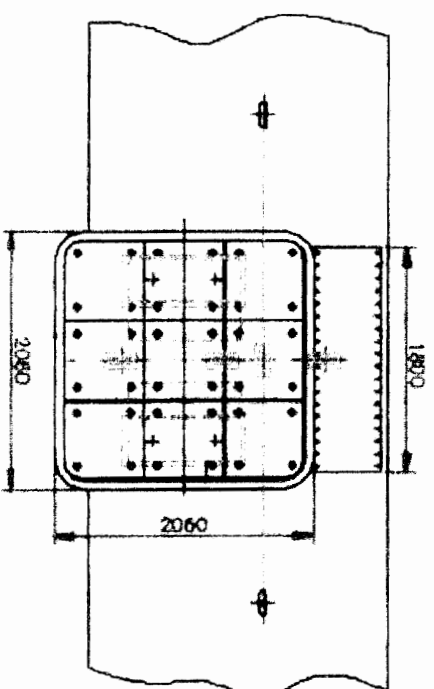
1. Energy Absorption @57.5% 35.4 T-M.
2. Reaction Force @57.5% 75.6 T.
3. Performance Test Conforms to PIANC Annex 4.1 Section 3

 Zalida Technology 威達智達技術公司 30908 Huntwood Ave, Suite 109 Hayward, CA 94544, USA Tel: (510) 487 2289 Fax: (510) 487 2586		I 1000x900L Element Fender Performance	
Drawing No: WBA P5947 No.2		Drawing By: NJC	
Date: Oct. 29, 2003		Proof: FF	
Rev: 2		Approval: WZ	



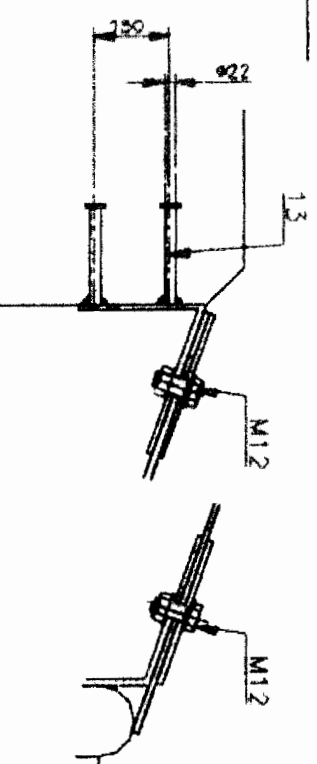
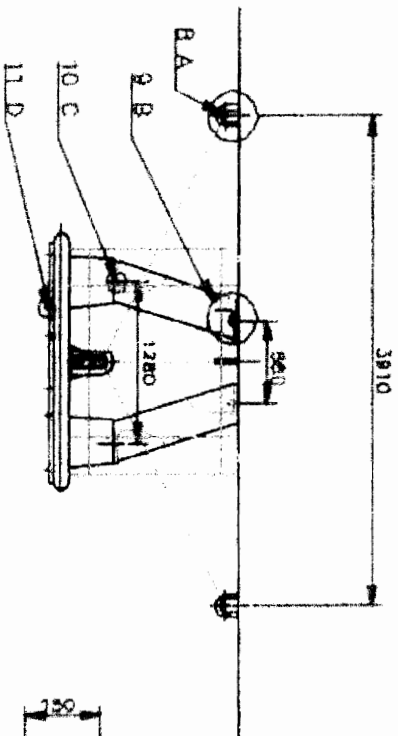
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C View

D View



E View

F View

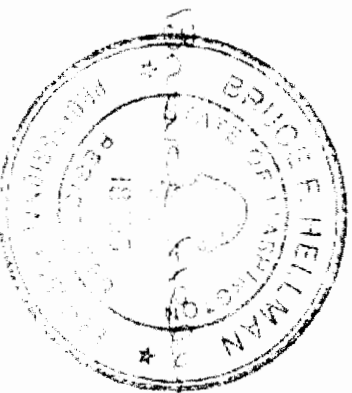
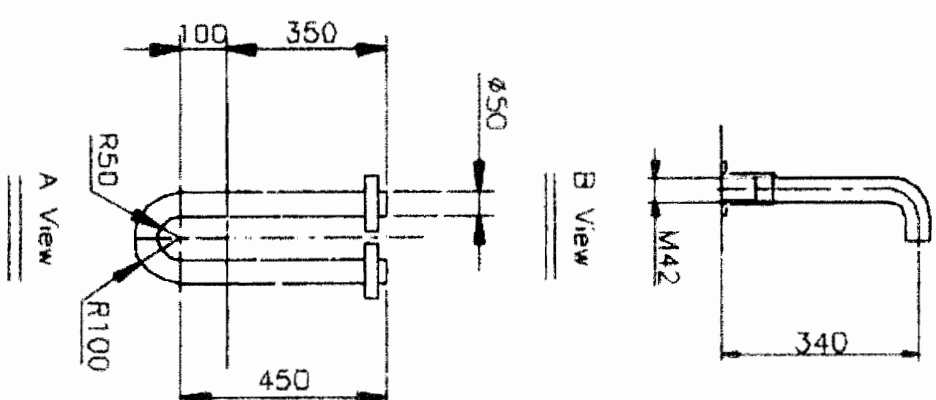
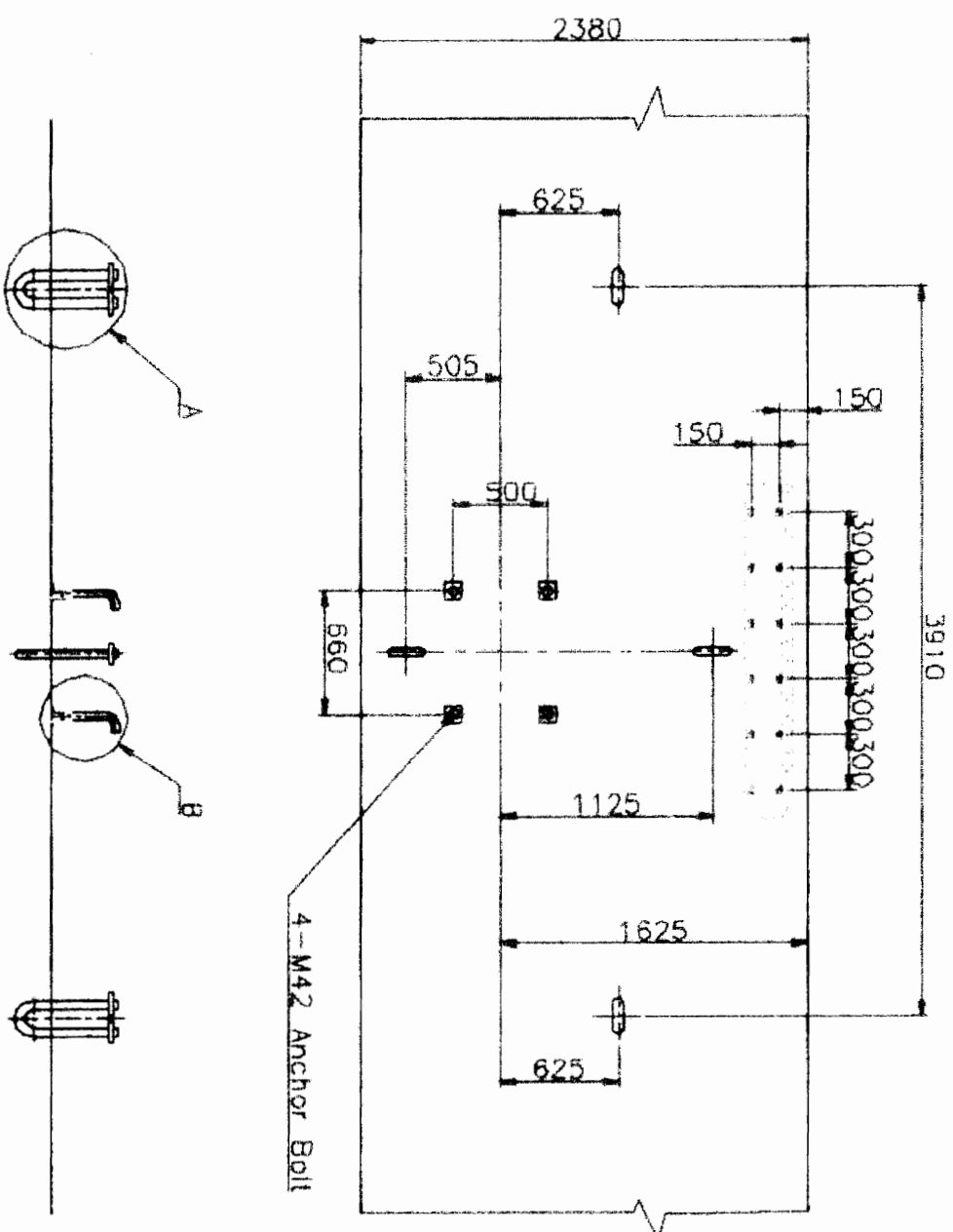
1. 1000x900L Rubber Fender Element
2. Front Panel
3. UHMW PE Pad
4. Shear Chain
5. Weight Chain
6. Vertical Chain
7. Top Anchor Plate/Top Clamp Assembly
8. Standard U-Ring
9. M42 Fender Anchor Bolt Set
10. M42 Fender-Panel Bolt Set
11. M16 PE Pad Fixing Bolt Set
12. Bottom Clamp Assembly
13. Conveyor Belt Sheathing

EXP 124 DEC 07 2003

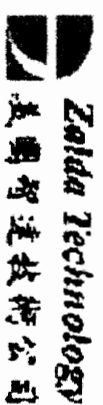


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Zaida Technology 美国智达技术公司 30908 Huntwood Ave, Suite 109 Hayward, CA 94544, USA Tel: (510) 487 2288 Fax: (510) 487 2586		1 1000x900L Element Fender System Assembly	
Drawing No	WBA P5947 No.3	Drawing By	NJC
Date	Dec. 11, 2003	Proof	FF
Rev	3	Approval	WZ



EXP. DEC 07 2003

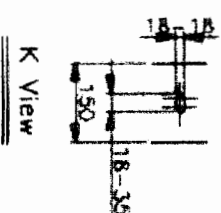
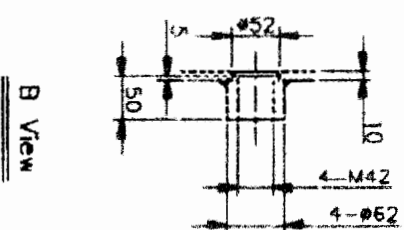
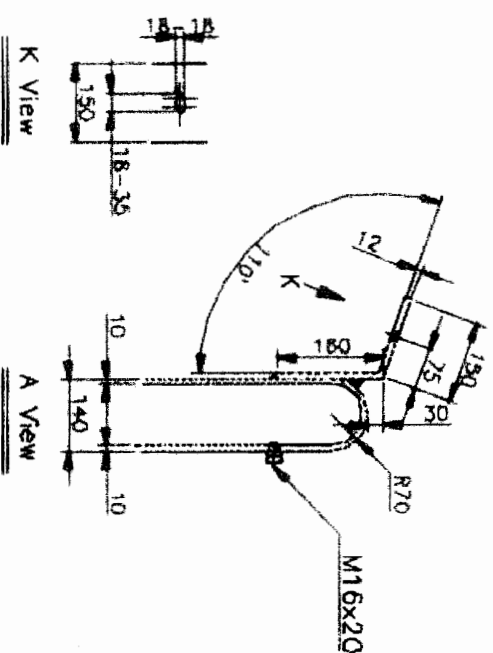
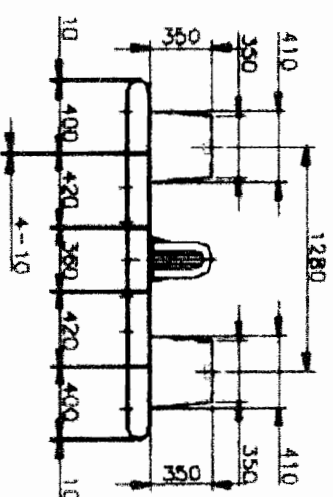
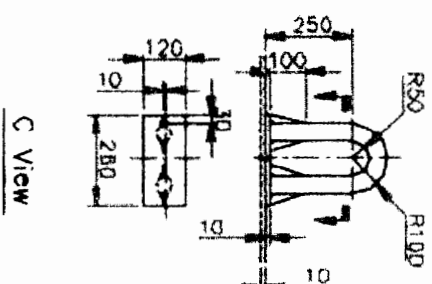
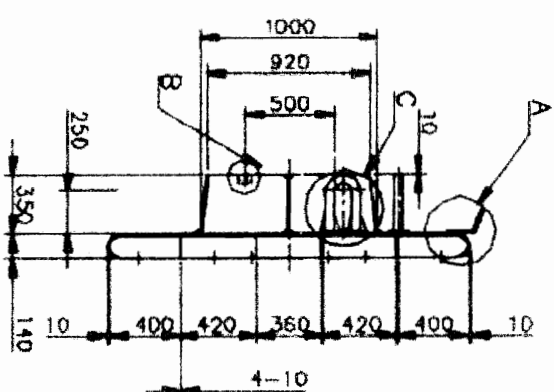
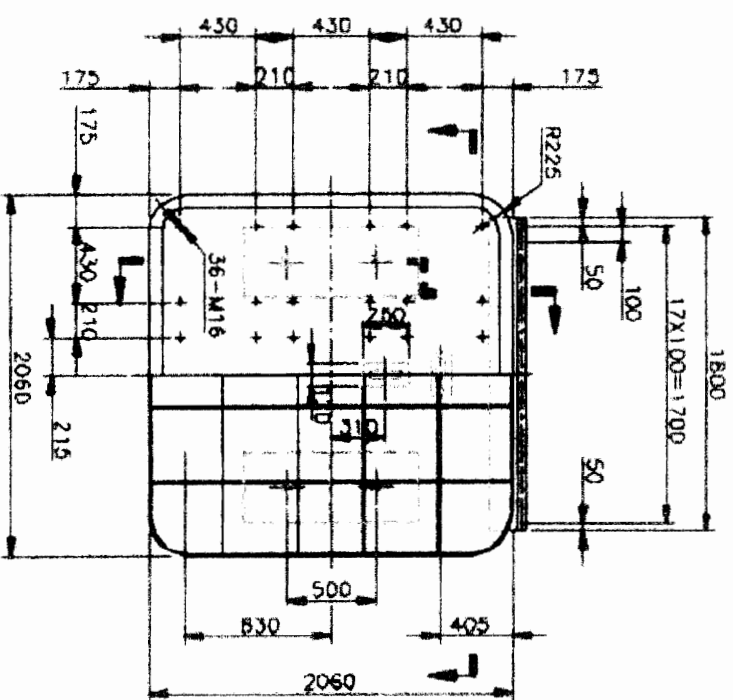


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1 1000x900L Element Fender
System Anchor Layout

Drawing No	WBA P5947 No.5	Drawing By	NJC
Date	Dec. 11, 2003	Proof	FF
Rw	3	Approval	WZ

DEC 11 2003



EXPIRES DEC 07 2003

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1 1000x900L Element Fender
System Panel Details

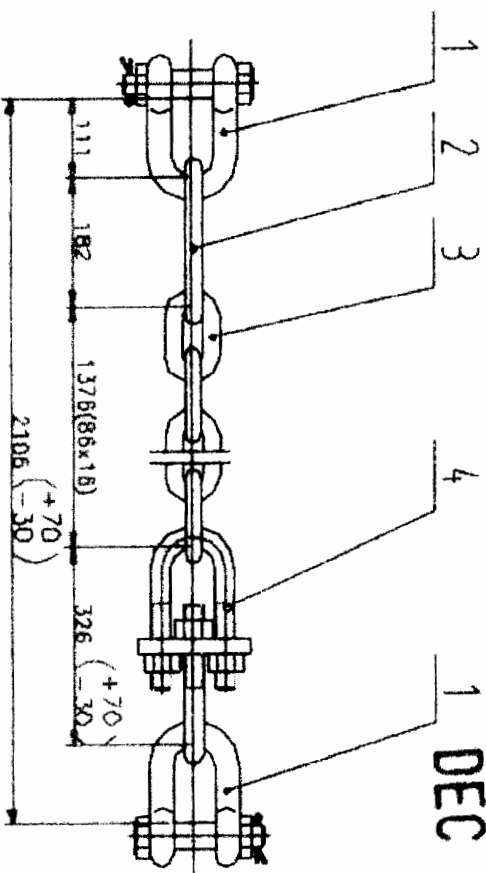
Drawing No	WBA P5947 No.6	Drawing By	NJC
Date	Dec. 11, 2003	Prod	FF
Rev	3	Approval	WZ

DEC 11 2003

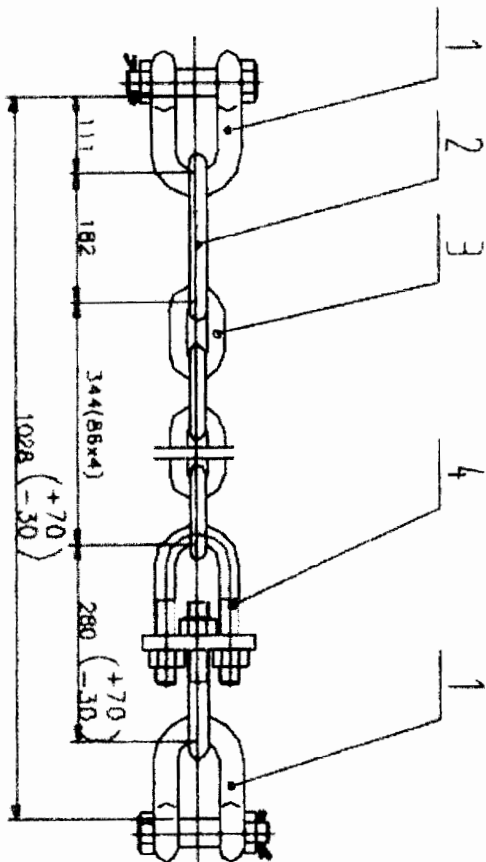
Exp. Rev. DEC 07 2003



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Shear Chain Assembly



Weight Chain and Vertical Chain Assembly

- 1. Shackle
- 2. End Link
- 3. Common Link
- 4. Adjuster

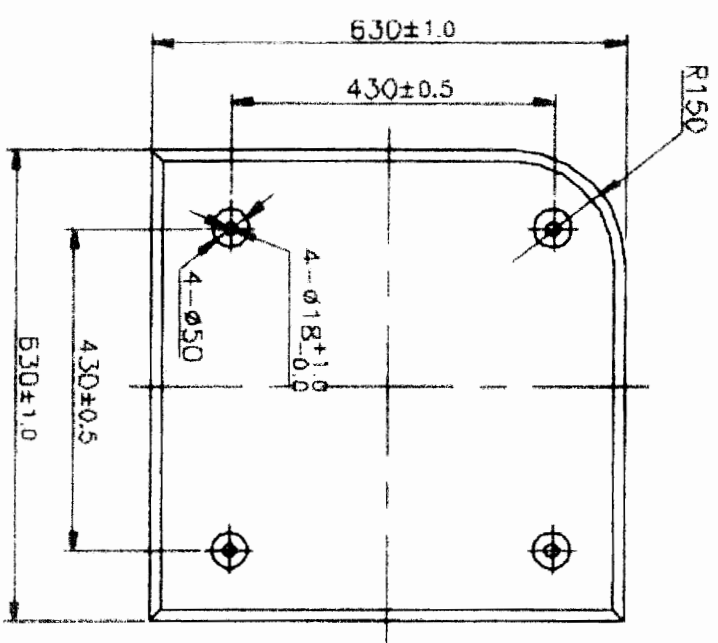
Notes:
1. Grade 80, Galv. $\phi 24$ Chain Assembly:
SWL 18 T / PL 48T / BL 90T
2. Grade 80, Galv. $\phi 35$ Shackle:
3. Comply with FS RR C 271b



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1 1000x900L Element Fender
System Chain Details

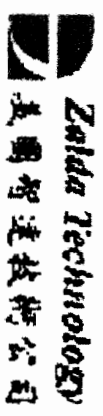
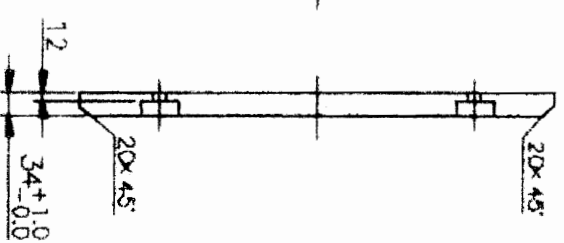
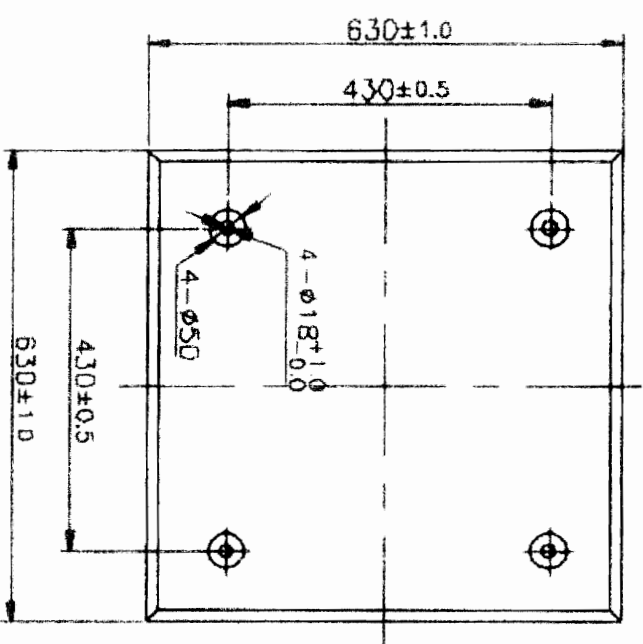
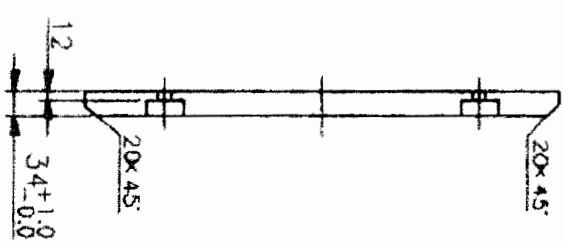
Drawing No	WBA P5947 No.7	Drawing By	NJC
Date	Dec. 11, 2003	Proof	FF
Rev	3	Approval	WZ



5 pieces 3002 20 3377



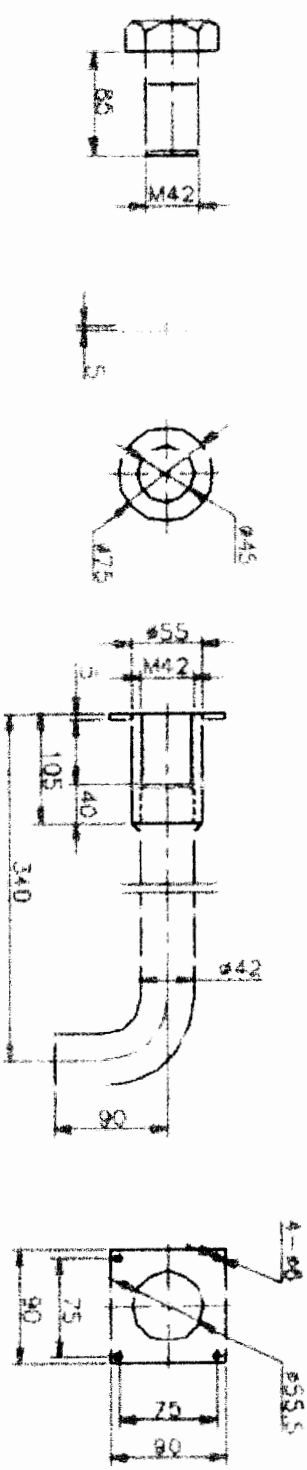
DEC 11 2003



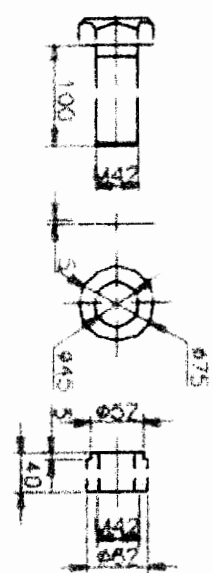
30008 Huntwood Ave Suite 100
Hayward, CA 94544, USA
Tel: (510) 487 2280 Fax: (510) 487 2586

1 1000x900L Element Fender
System UHMW PE Pad Details

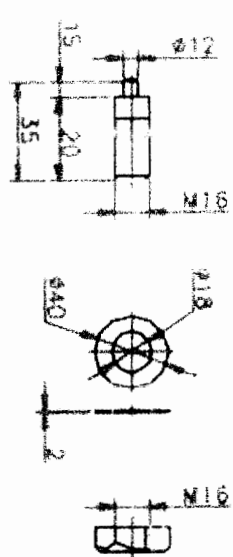
Drawing No	WBA P5947 No.8	Drawing By	NJC
Date	Dec. 11, 2003	Proof	FF
Rev	3	Approval	WZ



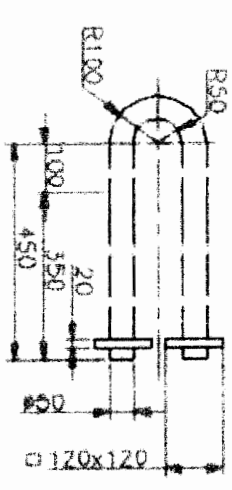
M42 Tender Anchor Bolt Set



M42 Fender-Panel Connecting Bolt Set



M16 Rod Fixing Bolt Set

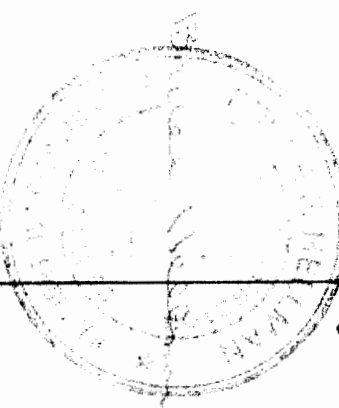


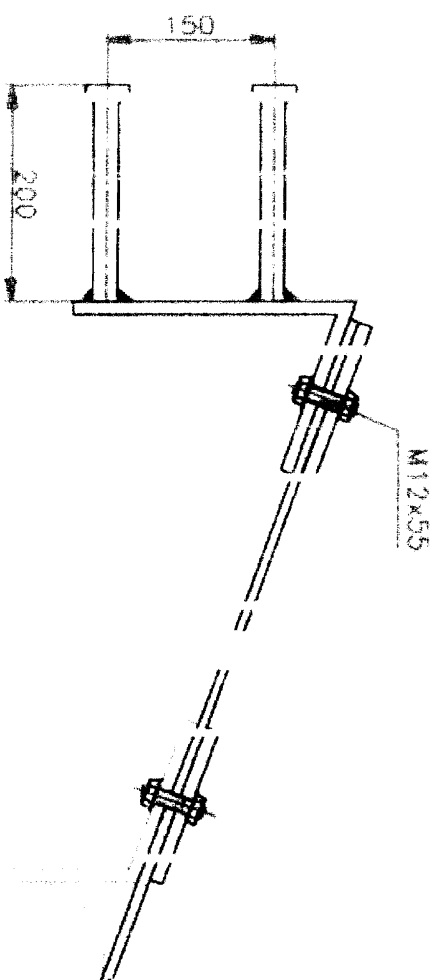
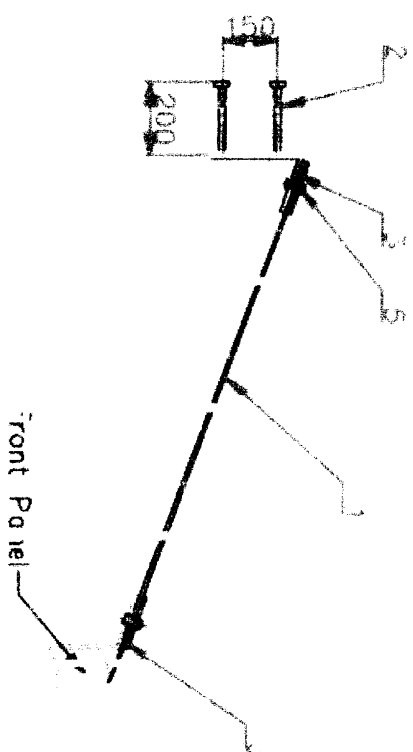
Standard U Anchor

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3090B Huntwood Ave Suite 100 Hayward, CA 94544, USA Tel: (510) 487-2288 Fax: (510) 487-2536		Drawing No. WBA-P-947 No.9	Drawing By: NJC
Date: Oct. 21, 2003		Check: FF	Approval: WZ
Rev: 1			

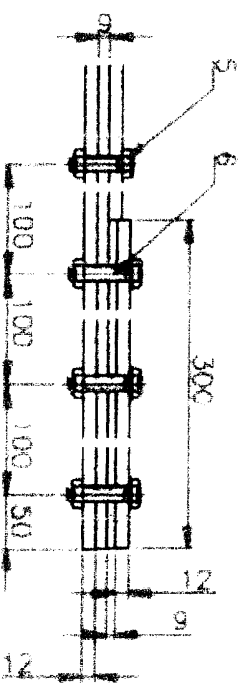
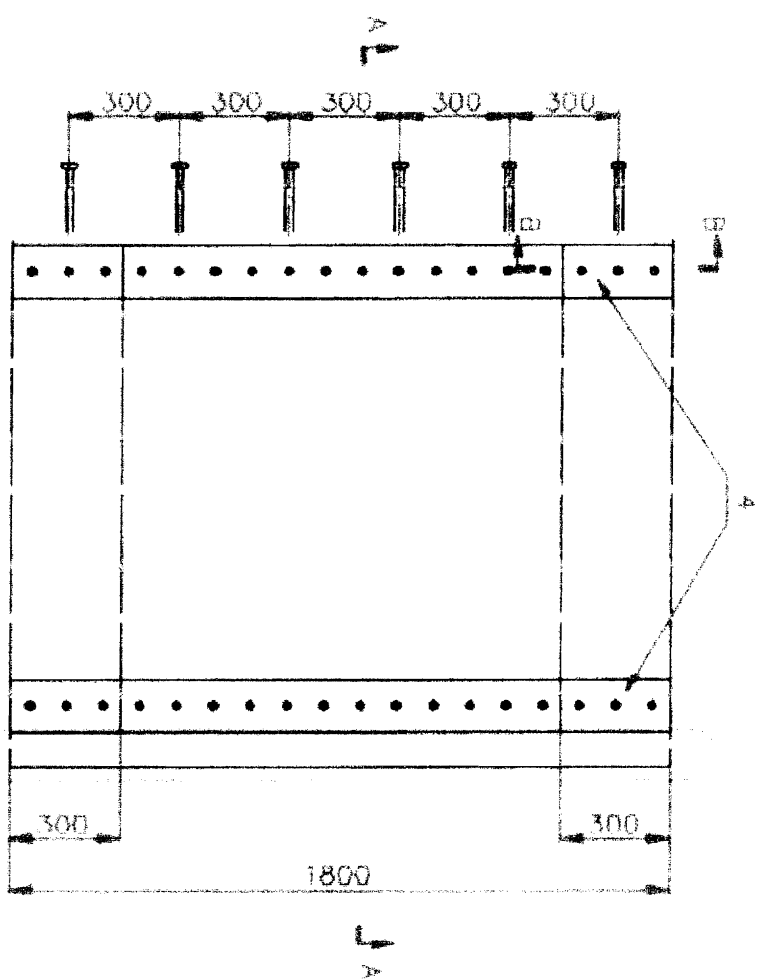
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A-1
Scale 3:1



B-B
Scale 3:1

1. Sheeting
2. Sheeting Top Anchor Plate
3. Sheeting Long Clamp
4. Sheeting Short Clamp
5. M12x15 Short Clamp Bolt Set
6. M12x15 Long Clamp Bolt Set



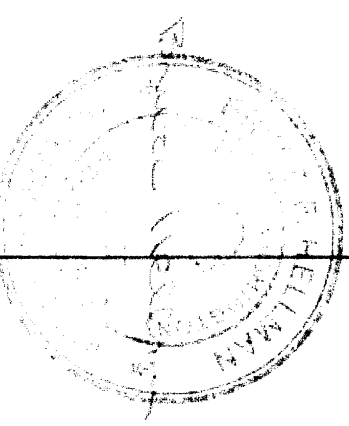
30008 Huntwood Ave, Suite 100
Troy, CA 94554, USA
Tel: (916) 487-2289 Fax: (916) 487-2536

1000x300 Element Fender
System Sheathing Assembly

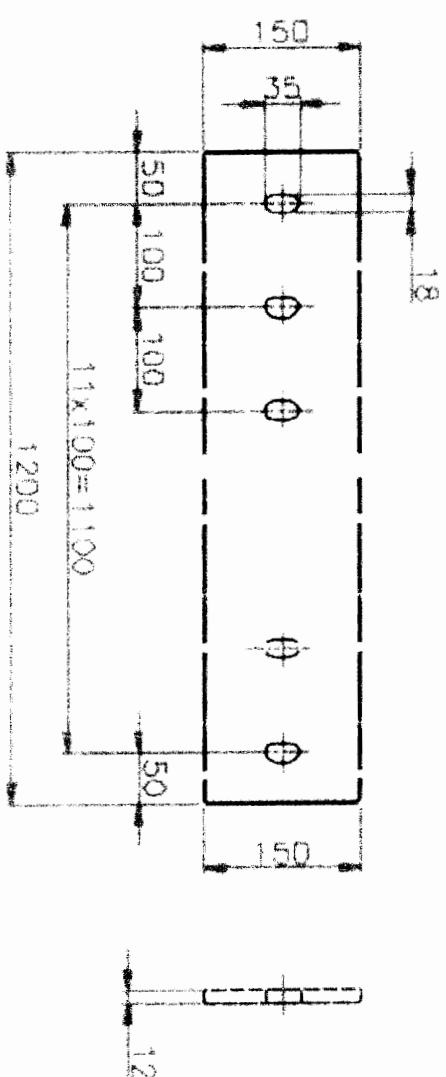
Drawing No	WBA P-947 No. 1C	Drawing By	NJC
Date	Oct. 21, 2003	Prep	FF
Rev	2	Appoval	WZ

NOV 20 2003

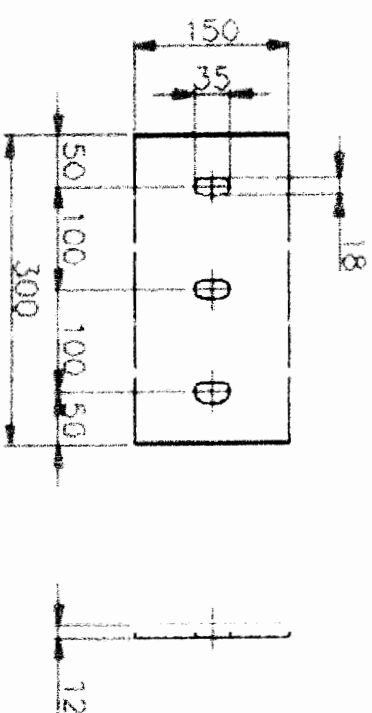
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EX-12-12-5



Long Sheathing Clamp



Short Sheathing Clamp

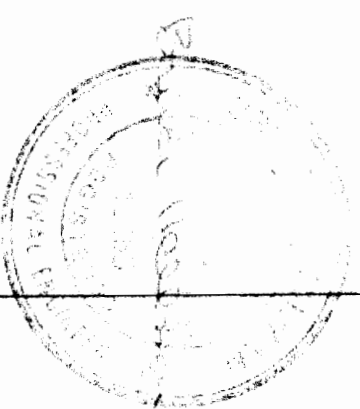


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Sheathing Short / Long
Clamp Details

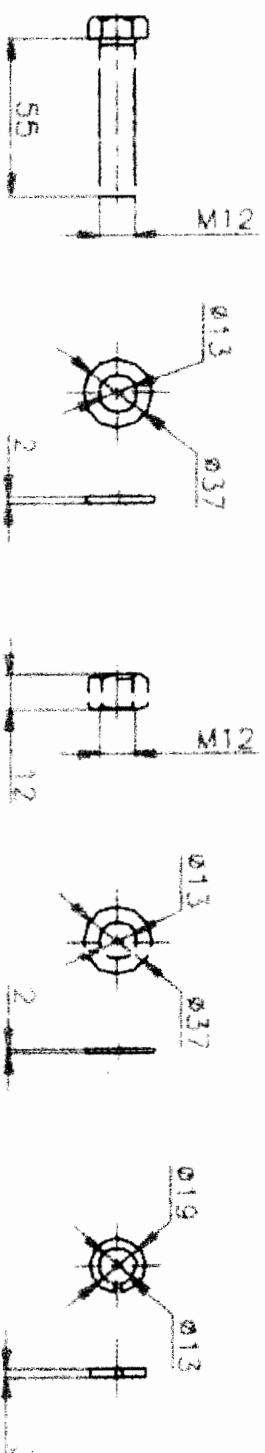
Drawing No	WBA P5947 No.10-3/4	Drawing By	NJC
Date	Oct. 29, 2003	Preced	FF
Rw	1	Approval	WZ

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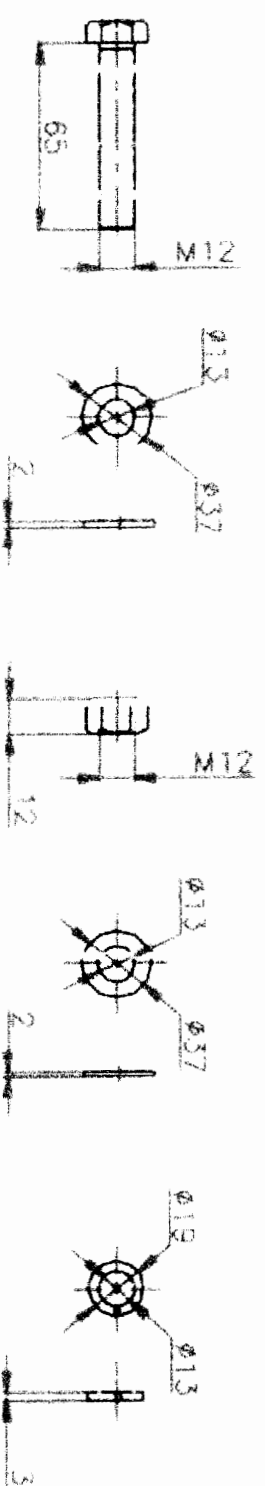


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Short Clamp Bolt Set

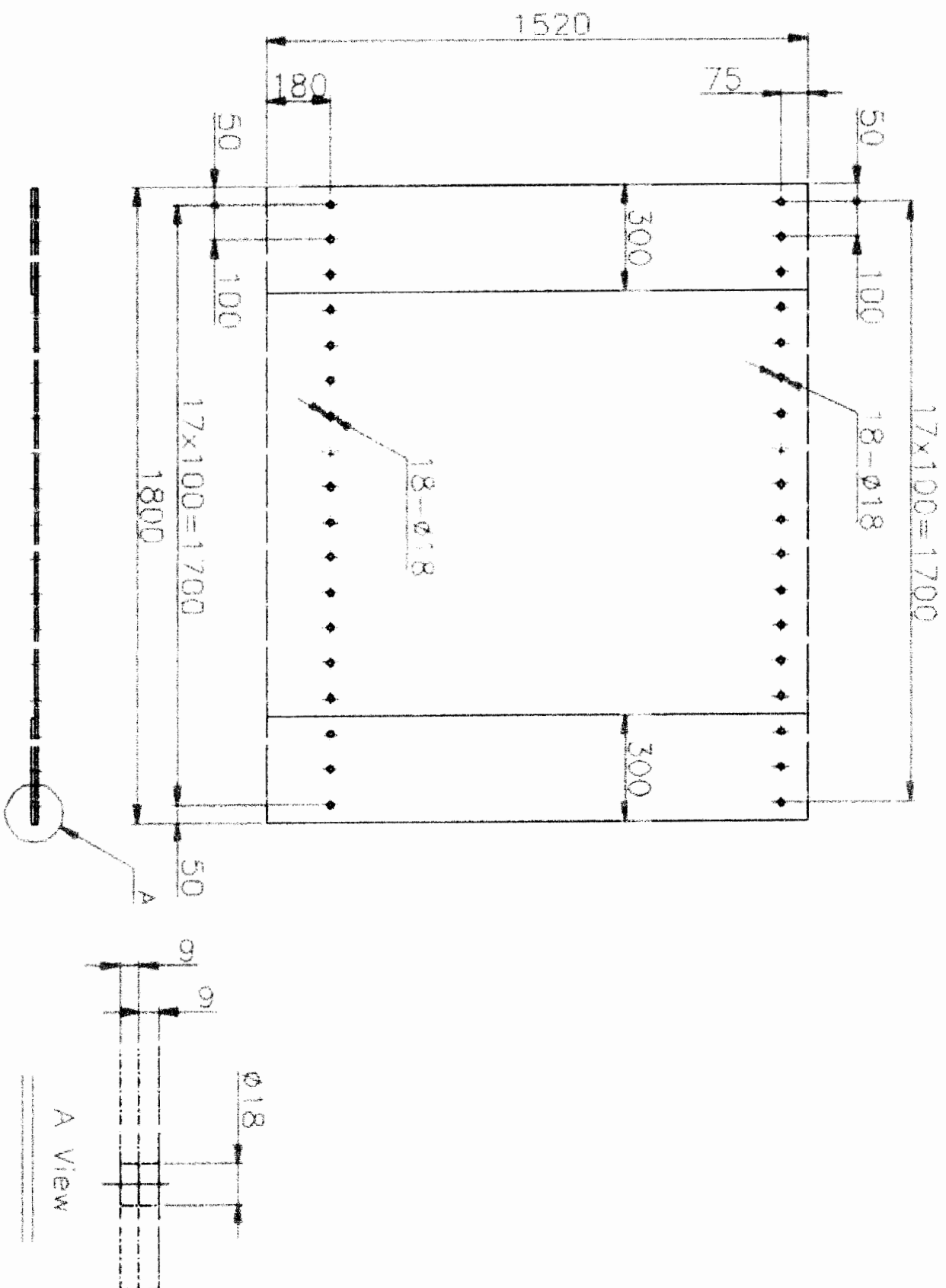


Long Clamp Bolt Set

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30008 Huntwood Ave Suite 100 Hayward, CA 94544, USA Tel: (510) 487-2289 Fax: (510) 487-2636		Sheeting Short / Long Clamp Bolt Set Details	
Date	Oct. 21, 2003	Proof	FF
Rev	1	Approval	WZ

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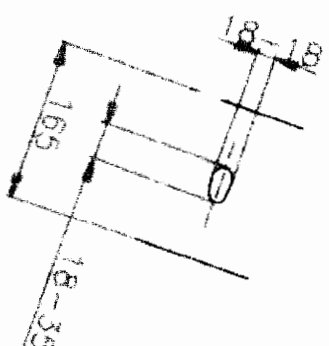
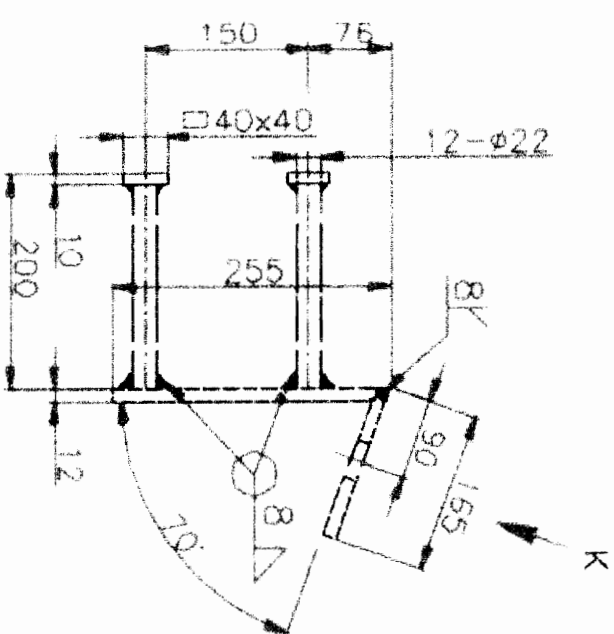
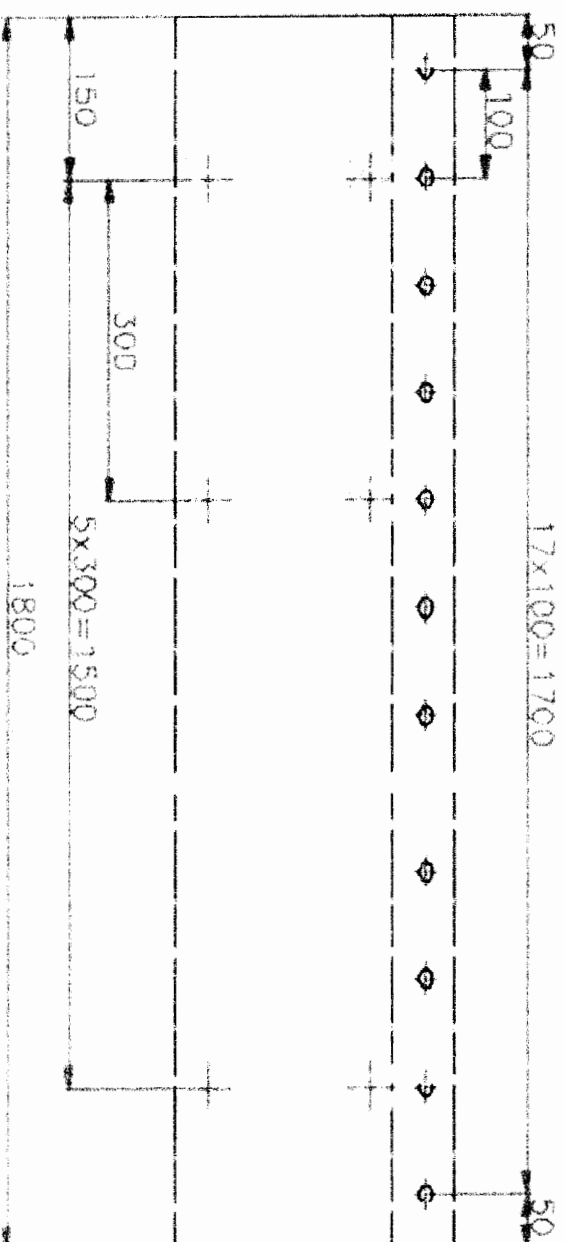
Seathing Details

Drawing No	WBA P1947 No.1C-1	Drawn By	NJC
Date	Oct. 21, 2003	Printed	FF
Rw	1	Approved	WZ

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Hayward, CA 94544, USA

Tel: (510) 487-2288 Fax: (510) 487-2236

Sheather Top Clamp Anchor
Plate Details

Drawing No	WBA-P1947 No.1C-2	Drawn By	NJC
Date	Oct. 21, 2003	Proj	FF
Rev	2	Appr	WZ