

A-A
1 **DETAIL**
42/34/23 RAMP/HANDRAIL CROSS SECTION
SCALE: NTS

GENERAL NOTES:

1. ALUMINUM RAMP, LANDING AND STAIR SECTIONS SHALL BE A RIGID, FREE-SPAN DESIGN.
2. DESIGN OF THE ALUMINUM STRUCTURES SHALL CONFORM TO THE CURRENT EDITION OF THE ALUMINUM ASSOCIATION SPECIFICATIONS AND GUIDELINES FOR ALUMINUM STRUCTURES.
3. ALL ALUMINUM CONSTRUCTION USING 6000 SERIES ALUMINUM ALLOYS. STRUCTURAL MEMBERS TO BE 6061-T6 AND 6063-T6 ALUMINUM ALLOY.
4. ALUMINUM WILL BE STANDARD MILL FINISH UNLESS OTHERWISE NOTED.
5. WELDING SHALL BE IN ACCORDANCE WITH ANS/SAWS D1.2-97 GAS METAL ARC WELDING (GMAW) PROCESS BY EXPERIENCED OPERATORS.
6. ALL FASTENERS TO BE 18-8 (SERIES 304) STAINLESS STEEL UNLESS OTHERWISE NOTED.
7. LANDING, RAMP AND STAIR SECTIONS ARE TO BE ENGINEERED FOR A 100 PSF LIVE LOAD.
8. LANDING AND RAMP WALKING SURFACES SHALL BE DESIGNED FOR A MINIMUM CONCENTRATED VERTICAL LOAD OF 300 LBS APPLIED EVENLY OVER A 12" x 12" AREA. STAIR TREAD SHALL BE DESIGNED FOR A MINIMUM CONCENTRATED VERTICAL LOAD OF 300 LBS APPLIED EVENLY OVER A 4 INCH SQUARE AREA.
9. RAMP AND LANDING GUARDRAILS TO BE 42 INCH MINIMUM HEIGHT UNLESS OTHERWISE SPECIFIED. (34 AND 38 INCH TWO-LINE RAMP RAILS AND 34 AND 38 INCH VERTICAL PICKET RAMP RAILS AS WELL AS CUSTOM DESIGN RAMP RAILS AVAILABLE UPON REQUEST FOR SYSTEMS NO MORE THAN 30 INCHES ABOVE FINISHED GROUND LEVEL.)
10. GUARDRAILS SHALL BE DESIGNED AND CONSTRUCTED FOR A LOAD OF 50 PLF APPLIED HORIZONTALLY AT THE REQUIRED GUARDRAIL HEIGHT AND A SIMULTANEOUS LOAD OF 100 PLF APPLIED VERTICALLY DOWNWARD AT THE TOP OF THE GUARDRAIL.
11. HANDRAILS SHALL BE DESIGNED AND CONSTRUCTED FOR A LOAD OF 50 PLF APPLIED IN ANY DIRECTION.
12. HANDRAILS AND GUARDRAILS SHALL BE DESIGNED FOR A CONCENTRATED LOAD OF 200 LB APPLIED AT ANY POINT AND IN ANY DIRECTION.
13. GUARDRAILS SHALL BE DESIGNED SO THAT A 4 (FOUR) INCH SPHERE CANNOT PASS THROUGH ANY OPENING IN THE RAIL.
14. DECK SURFACE SHALL BE A SLIP RESISTANT, EXTRUDED ALUMINUM DECKING WITH A TRIPLE I-BEAM, SELF-MATING DESIGN.
15. ALL SURFACES, MEMBERS AND THEIR WELDED JOINTS SHALL BE SMOOTH AND FREE FROM SHARP OR JAGGED EDGES.
16. ALL DESIGNS SHOWN HEREIN ARE SUBJECT TO CHANGE PENDING FIELD VERIFICATION OF EXISTING CONDITIONS.

SEE THE SPECIFICATIONS FOR THE
ALUMINUM ACCESS RAMP SYSTEM
FOR A COMPLETE LIST OF THE
PRODUCTS MANUFACTURED BY
REDD TEAM MANUFACTURING, INC.

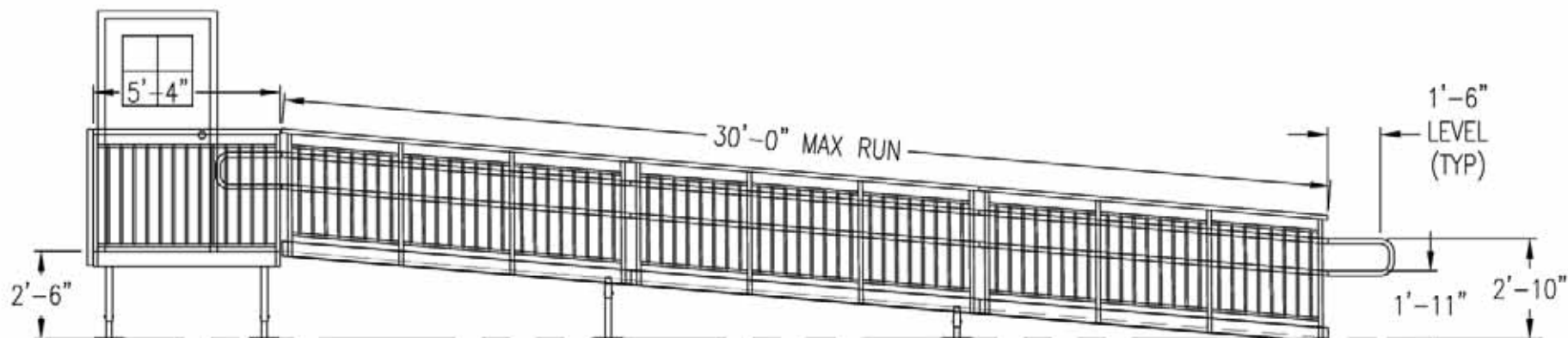
REDD Team Manufacturing, Inc.
A Division of Alcoa Extrusions, Inc.
6899 S.R. 21
KeySTONE Heights, Florida 32856
Phone: 1-800-646-3886 Fax: 1-352-913-4219

REDD
Team
Manufacturing
INC.

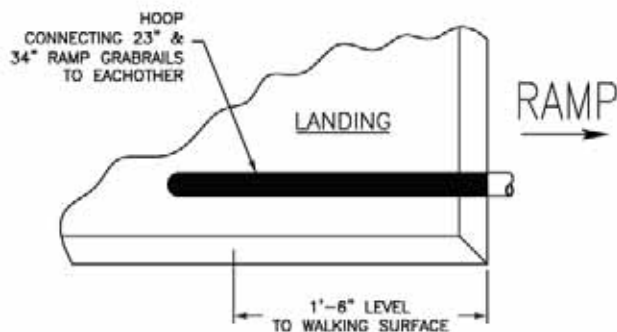
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PURPOSES ONLY

UNIVERSAL RAMP SYSTEM
ALUMINUM ACCESS RAMP SYSTEM
WITH 42/34/23 VERTICAL PICKET GUARD RAILS

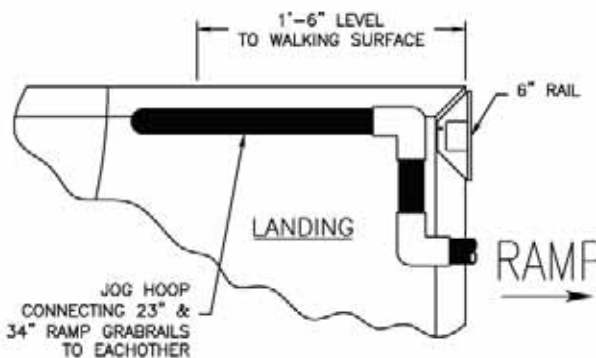
2004
SALES URS
SALES URS
PLM
SHEET NUMBER
423423-1



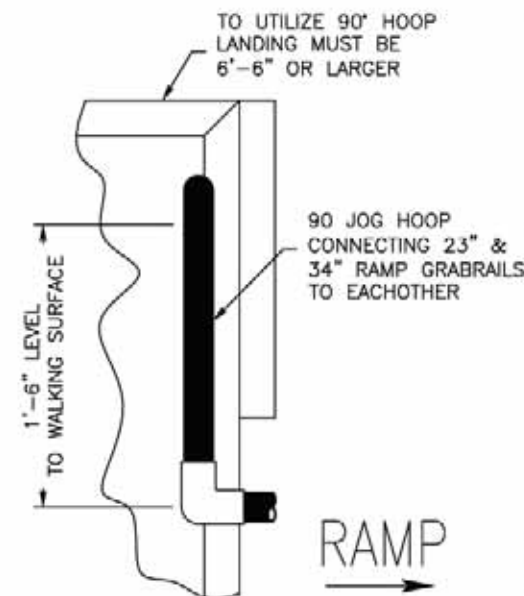
ELEVATION VIEW: 42/34/23 VP ALUMINUM ACCESS RAMP SYSTEM



1 UPPER/LOWER HOOP DETAIL
2 42/34/23 RAMP HANDRAIL



2 UPPER JOG HOOP DETAIL
2 42/34/23 RAMP HANDRAIL



3 UPPER 90° HOOP DETAIL
2 42/34/23 RAMP HANDRAIL (OPTIONAL)

ALUMINUM ACCESS RAMP SYSTEM
WITH 42/34/23 VERTICAL PICKET GUARD RAILS

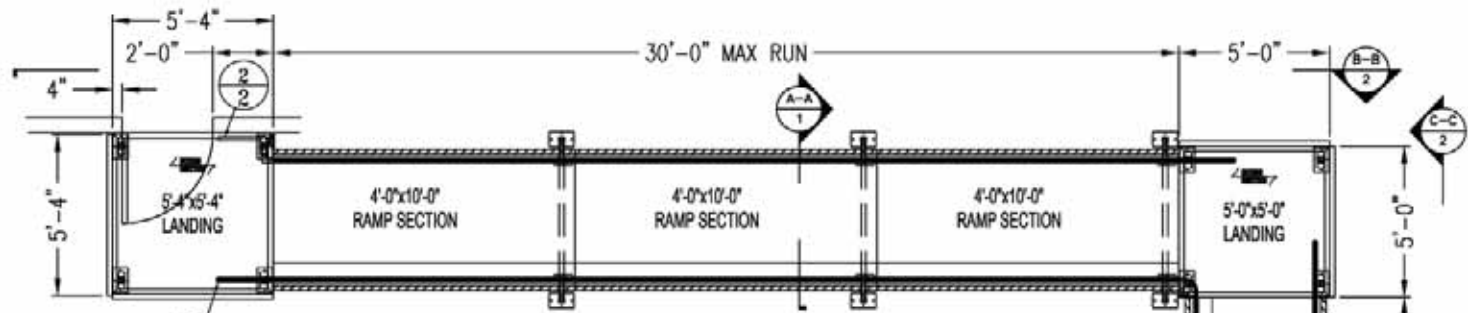
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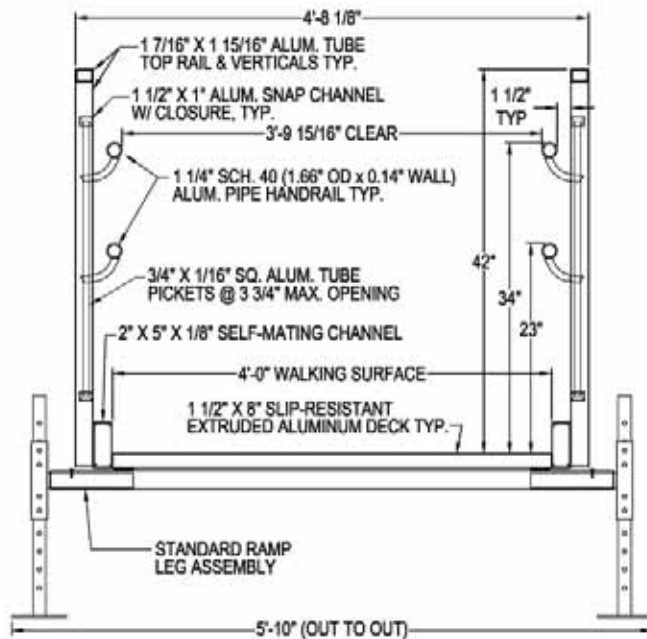
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UNIVERSAL RAMP SYSTEM
ALUMINUM ACCESS RAMP SYSTEM
WITH 42/34/23 VERTICAL PICKET GUARD RAILS

DATE: 2004
BY: SALES URS
CHECKED BY: SALES URS
DESIGNED BY: PLM
SHEET NUMBER
423423-2



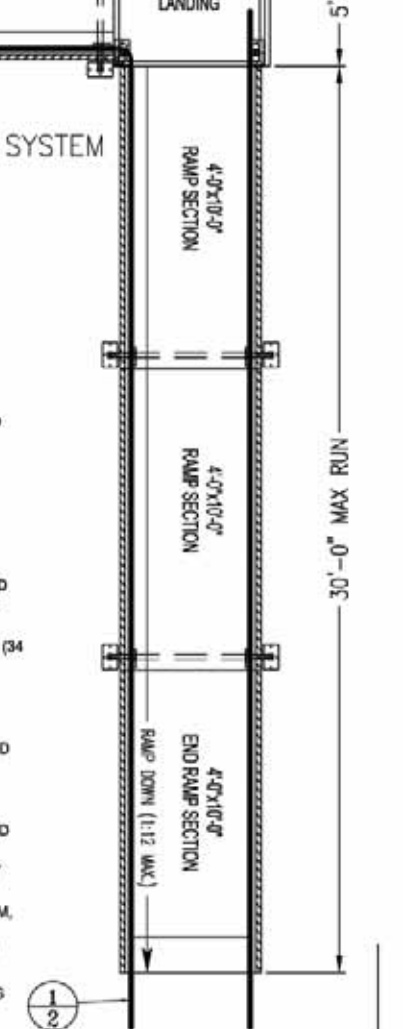
PLAN VIEW: 42/34/23 VP ALUMINUM ACCESS RAMP SYSTEM
(CAN BE ASSEMBLED WITH OTHER RAMP SIZES)



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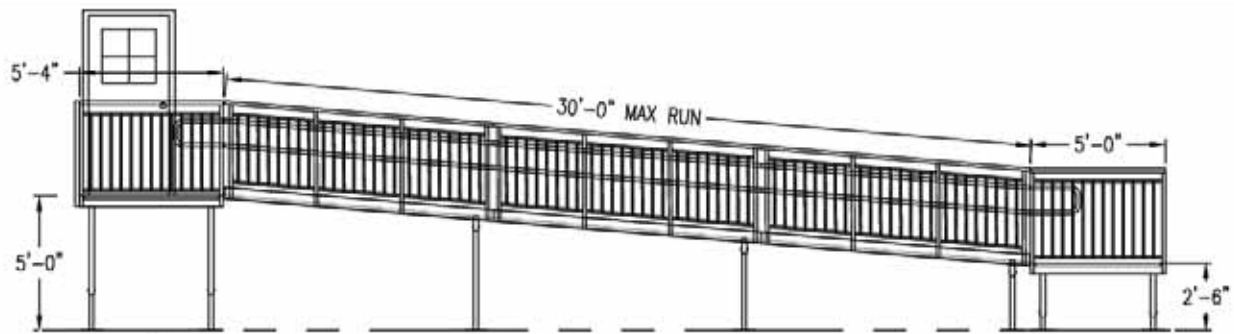
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UNIVERSAL RAMP SYSTEM
ALUMINUM ACCESS RAMP SYSTEM
WITH 42/34/23 VERTICAL PICKET GUARD RAILS

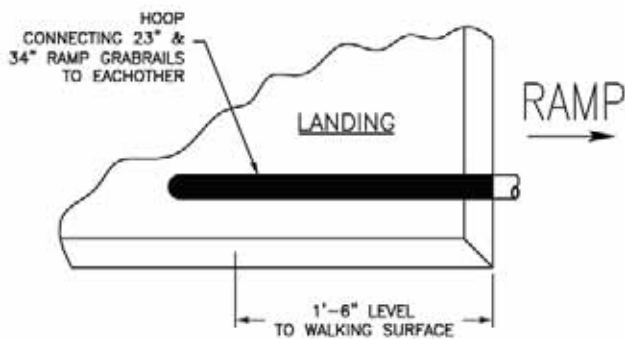
2004
SALES URS
SALES URS
PLM
SHEET NUMBER
42-90-1



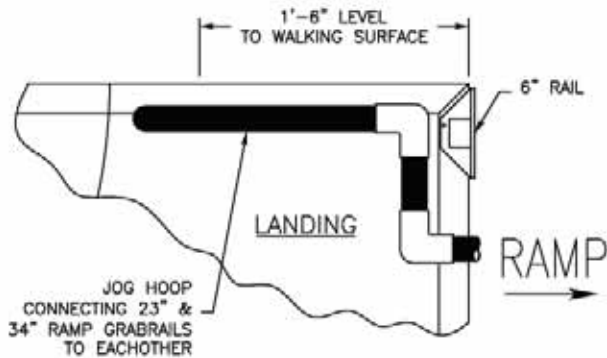
①-①
2 ELEVATION VIEW: 42/34/23 VP ALUMINUM ACCESS RAMP SYSTEM



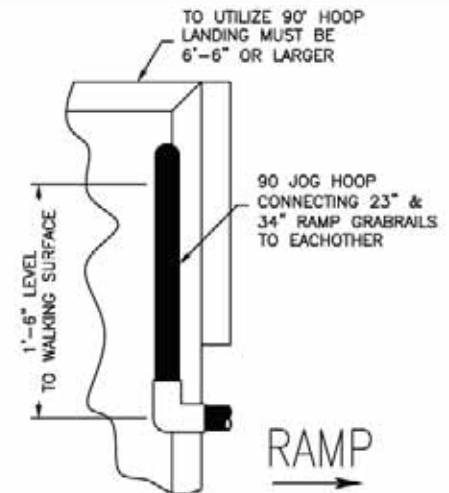
①-C-C
2 ELEVATION VIEW: 42/34/23 VP ALUMINUM ACCESS RAMP SYSTEM



① UPPER/LOWER HOOP DETAIL
② 42/34/23 RAMP HANDRAIL



② UPPER JOG HOOP DETAIL
② 42/34/23 RAMP HANDRAIL



③ UPPER 90° HOOP DETAIL
② 42/34/23 RAMP HANDRAIL (OPTIONAL)

CONSTRUCTION SPECIFICATIONS
FOR
ALUMINUM ACCESS RAMP SYSTEM
WITH 42/34/23 VERTICAL PICKET GUARD RAILS
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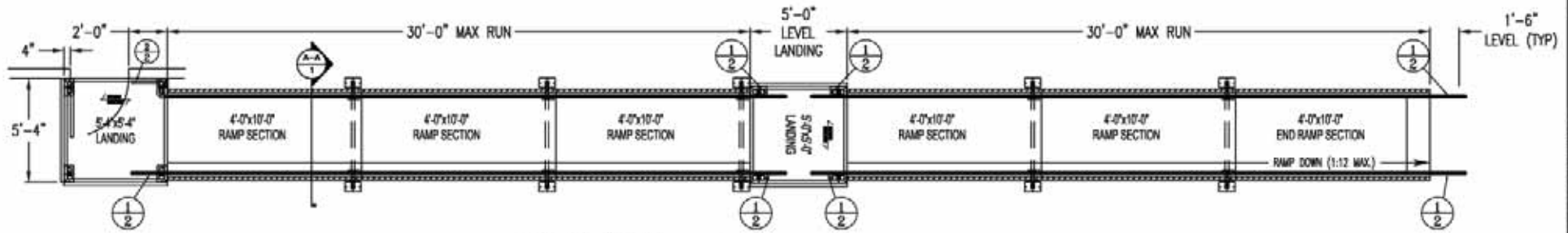
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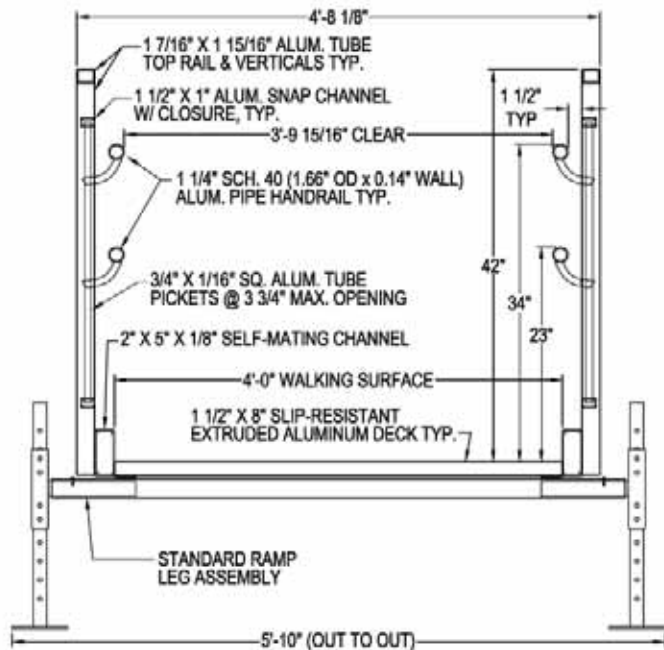
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UNIVERSAL RAMP SYSTEM
ALUMINUM ACCESS RAMP SYSTEM
WITH 42/34/23 VERTICAL PICKET GUARD RAILS

2004
SALES URS
SALES URS
PLM
SHEET NUMBER
42-90-2



PLAN VIEW: 42/34/23 VP ALUMINUM ACCESS RAMP SYSTEM
(CAN BE ASSEMBLED WITH OTHER RAMP SIZES)



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42/34/23 RAMP/HANDRAIL CROSS SECTION
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SEE ALL DIMENSIONS AND NOTES ON SHEET 42-INT-1 FOR A COMPLETE LIST OF MATERIALS AND FINISHES. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.

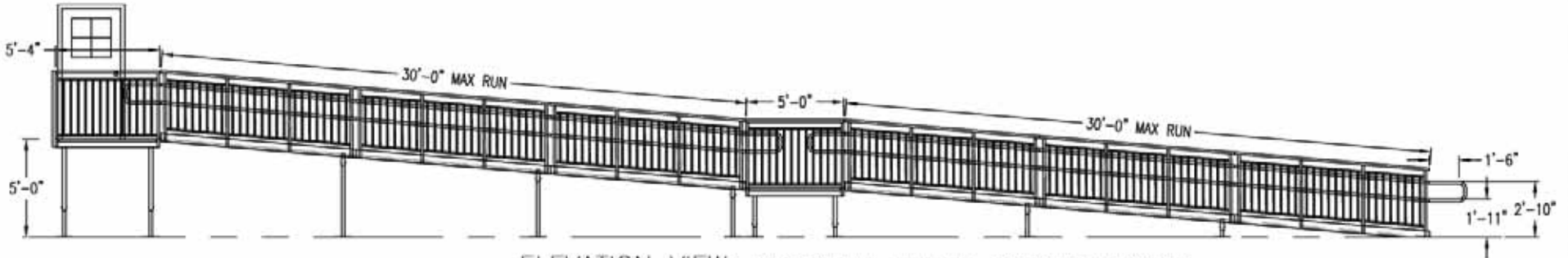
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Keystone Heights, Florida 32856
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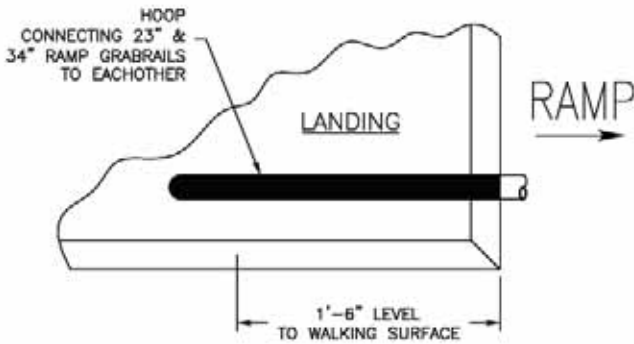
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UNIVERSAL RAMP SYSTEM
ALUMINUM ACCESS RAMP SYSTEM
WITH 42/34/23 VERTICAL PICKET GUARD RAILS

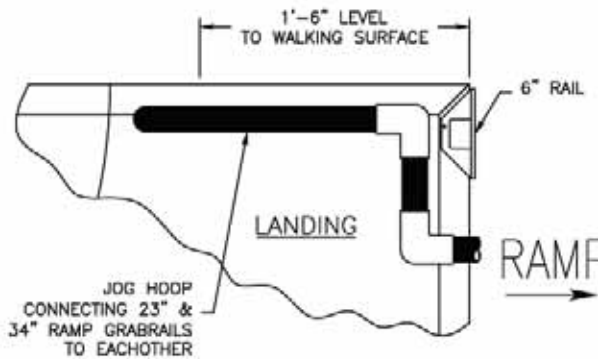
2004
SALES URS
SALES URS
PLM
SHEET NUMBER
42-INT-1



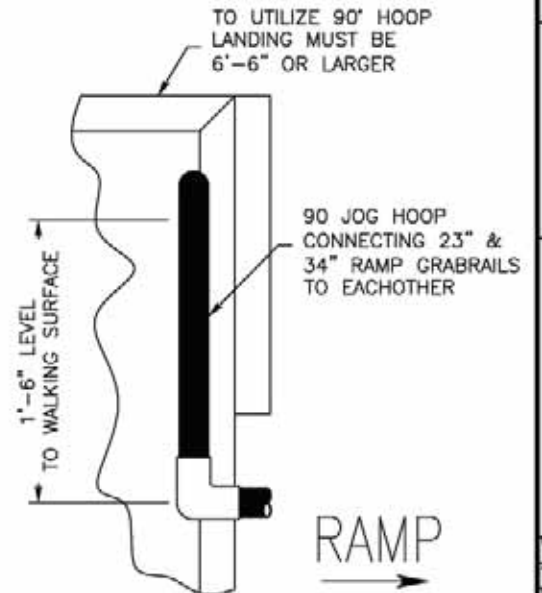
ELEVATION VIEW: 42/34/23 VP ALUMINUM ACCESS RAMP SYSTEM



1 UPPER/LOWER HOOP DETAIL
2 42/34/23 RAMP HANDRAIL



2 UPPER JOG HOOP DETAIL
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3 UPPER 90° HOOP DETAIL
2 42/34/23 RAMP HANDRAIL (OPTIONAL)

ALUMINUM ACCESS RAMP SYSTEM
WITH 42/34/23 VERTICAL PICKET GUARD RAILS

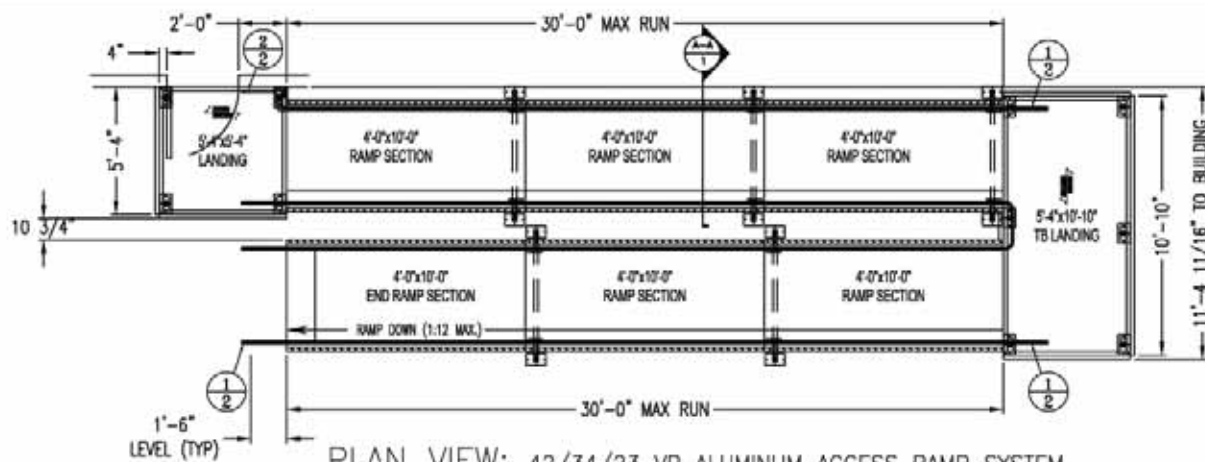
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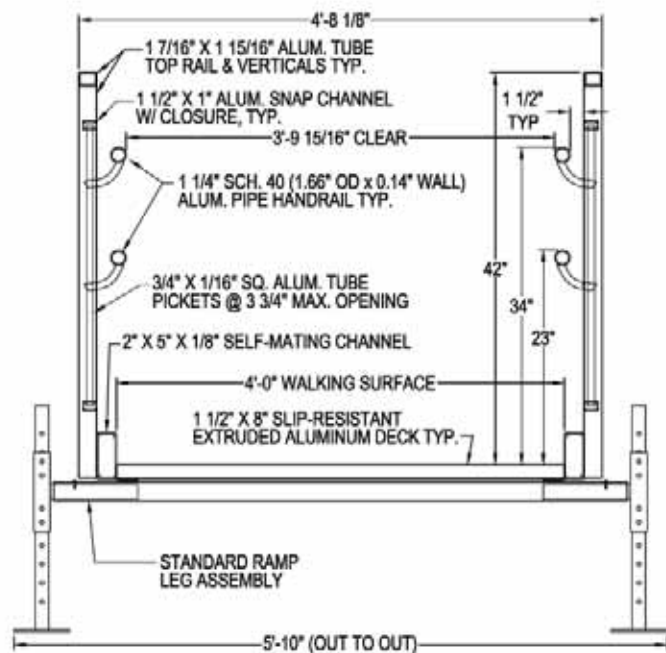
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UNIVERSAL RAMP SYSTEM
ALUMINUM ACCESS RAMP SYSTEM
WITH 42/34/23 VERTICAL PICKET GUARD RAILS

DATE: 2004
BY: SALES URS
CHECKED: SALES URS
DESIGNED BY: PLM
SHEET NUMBER: 42-INT-2



PLAN VIEW: 42/34/23 VP ALUMINUM ACCESS RAMP SYSTEM
(CAN BE ASSEMBLED WITH OTHER RAMP SIZES)



A-A DETAIL 1
42/34/23 RAMP/HANDRAIL CROSS SECTION
SCALE: NTS

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CONSOLE AND BRACKET WITH THE
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REPRODUCED OR TRANSMITTED IN ANY
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MECHANICAL, INCLUDING PHOTOCOPYING,
RECORDING OR BY ANY INFORMATION
SYSTEMS WITHOUT PERMISSION IN WRITING
FROM THE MANUFACTURER.

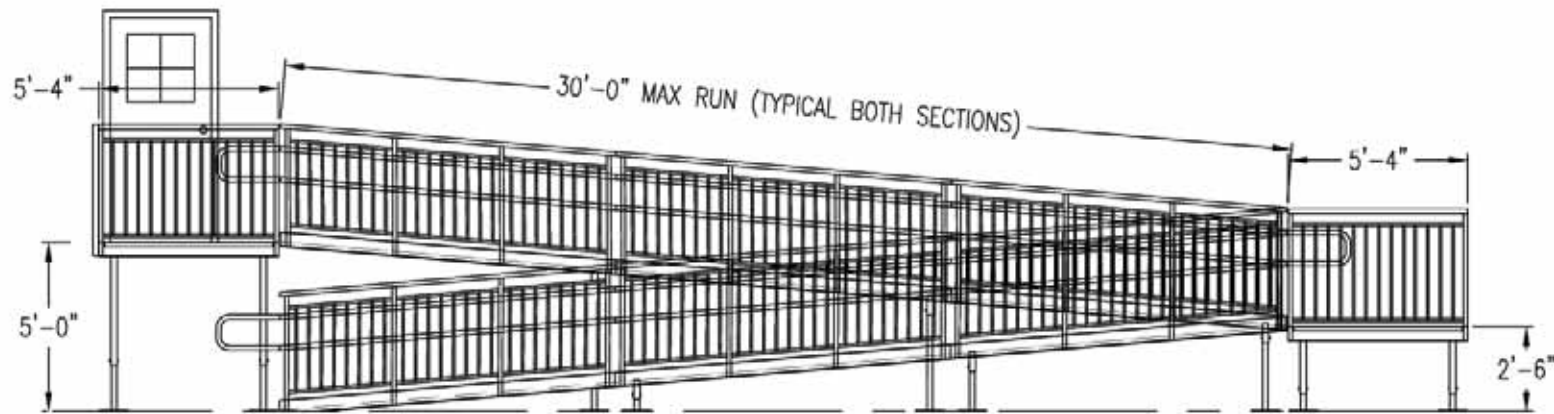
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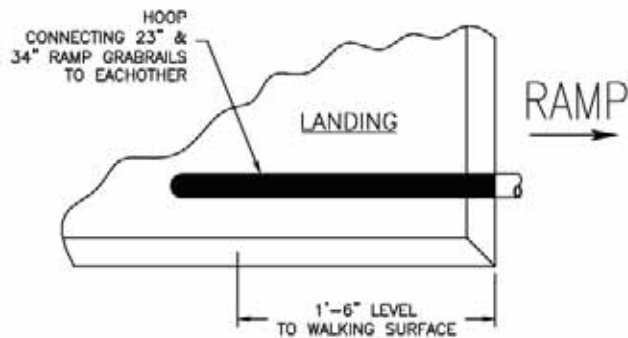
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ALUMINUM ACCESS RAMP SYSTEM
WITH 42/34/23 VERTICAL PICKET GUARD RAILS

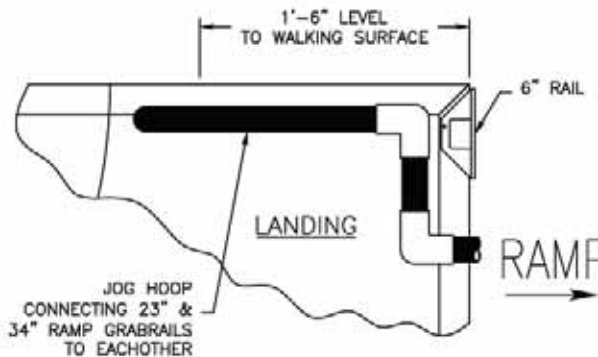
DATE	2004
BY	SALES URS
CHECKED	SALES URS
DESIGNED	SALES URS
APP'D	PLM
PROJECT NO.	
SHEET NUMBER	42-TB-1



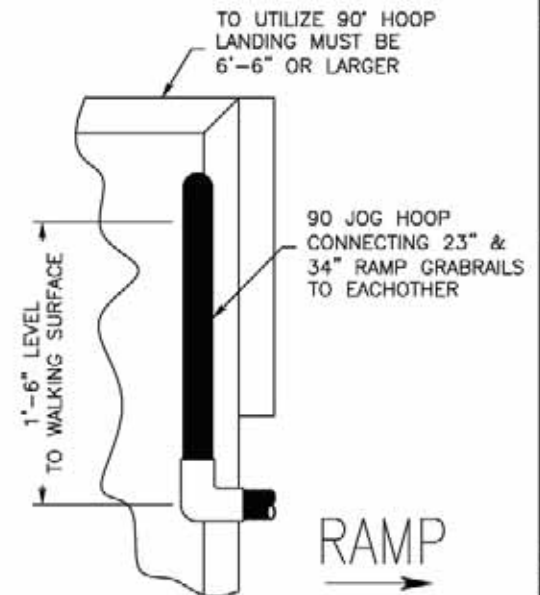
ELEVATION VIEW: 42/34/23 VP ALUMINUM ACCESS RAMP SYSTEM



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2 42/34/23 RAMP HANDRAIL



2 UPPER JOG HOOP DETAIL
2 42/34/23 RAMP HANDRAIL



3 UPPER 90° HOOP DETAIL
2 42/34/23 RAMP HANDRAIL (OPTIONAL)

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