

CODE COMPLIANCE

1. 2021 INTERNATIONAL BUILDING CODE CH. 10 COMPLIANT.
2. MAX RAMP SLOPE = 1:12 (VERT / HORIZ)
3. CROSS SLOPE, MAX = 2%
4. STAIR RISE = 7" MAX, 4" MIN
5. DESIGN LOADING:
 - 5.1. DECK / RAMP 100 PSF
 - 5.2. STAIR TREAD 300 LBS CONC. PER TREAD
 - 5.3. RAILING 50 PLF OR 200 LBS CONC.
 - 5.4. LATERAL LOAD 600# PEDESTRIAN DYNAMIC LOADING PER 30-FT RAMP
 - 5.5. WIND LOAD 104 MPH, EXP B, Kzt=1.0
 - 5.6. SEISMIC LOAD Sds=1.006, SITE CLASS = D-DEFAULT
6. DOOR CLEARANCE AS REQUIRED BY IBC
7. STANDARD 3 LINE RAIL FOR COMPONENTS 30" OR LESS FROM GRADE TO WALKING SURFACE OF RAMP, LANDING OR STAIR.
8. 42" VERTICAL PICKET GUARDRAIL FOR COMPONENTS OVER 30" FROM GRADE TO WALKING SURFACE OF RAMP, LANDING OR STAIR.
9. GRASPABLE CONTINUOUS HANDRAIL AT 36" OFF RAMP, PLATFORM, OR STAIR NOSING. INSTALL BOTH SIDES OF STAIRS AND RAMP.
10. HANDRAILS TO EXTEND 12" HORIZONTALLY OVER WALKING SURFACE AND RETURN TO WALL OR RAILING COLUMN.
11. RAMP AND RAILINGS TO HAVE CURBS WHICH DO NOT ALLOW PASSAGE OF 4" SPHERE WHERE ORIGINAL POSITION OF SPHERE IS WITHIN 4" OF THE WALKING SURFACE.
12. LEADING EDGE OF ALL STAIR TREADS AND PLATFORMS AT STAIRS TO HAVE A 2-INCH WIDE CONTRASTING STRIPE ACROSS FULL WIDTH OF STAIR.
13. FOOTING INFORMATION:
 - 12" x 12" x 1-1/2" PRESSURE TREATED WOOD OR 12" x 12" PRE-MANUFACTURED ABS PAD REQUIRE UNDER ALL ADJUSTABLE LEGS. WHERE ONE COLUMN SUPPORTS FOUR CORNERS OF P55 LANDING OR ONE COLUMN SUPPORTS TWO CORNERS OF P65 LANDING USE 16" x 16" PAD

GENERAL NOTES

1. THESE PLANS AND SPECIFICATIONS ARE NOT VALID FOR ANY OTHER ASSEMBLY THAN PRODUCTS PRODUCED BY WELCOME RAMP SYSTEMS, INC. PRODUCTS PRODUCED THE STANDARDS SET FORTH IN THESE DRAWINGS AND ACCOMPANYING DESIGN.
2. THE RAMP SYSTEM, STAIRS AND PLATFORM HAVE BEEN DESIGNED TO MEET CBC AND IBC REQUIREMENTS.
3. RAMP DESIGN LIMITS: THE SLOPE SHALL BE 1:12 THE MAXIMUM CROSS SLOPE SHALL BE LESS THAN 2%. THE MAXIMUM RUN SHALL BE 30". THE MAXIMUM HEIGHT WITHOUT ADDITIONAL ENGINEERING JUSTIFICATION SHALL BE 48" FROM THE PLATFORM TO FINISHED GRADE.
4. WELCOME RAMPS, PLATFORMS, AND STAIRS ARE DESIGNED TO BE ANCHORED INTO ADJACENT MODULAR BUILDING AS WELL AS TO BE FULLY INDEPENDENT FREE STANDING CONDITIONS.
5. DETAILS SHOW MOST USED HEIGHTS, OTHER HEIGHTS ARE SIMILAR.

MATERIAL SPECIFICATIONS

- PLANKING:**
- THIS DESIGN IS LIMITED TO GALVANIZED METAL PLANKING MATERIALS. ALUMINUM PLANKING MAY BE PROVIDED IF REVIEWED AND APPROVED.
 - RAMP: ALL PLANKING SHALL BE 13 GA 12" W x 1 1/2" DEEP.
 - PLATFORM: ALL PLANKING SHALL BE 13 GA 12" W x 1 1/2" D. SEE PLAN FOR LENGTH.
 - STAIRS: ALL PLANKING SHALL BE 11 GA 12" W x 2" DEEP.
- LEGS:**
- LEVELING FEET ASSUMED TO BE PLACED ON SUITABLE FIRM BEARING GROUND.
 - LEG MATERIAL SHALL BE 1-1/2" SQUARE x 0.120 ALUM. TUBING.
 - LEG POCKETS SHALL BE 1.781" SQ x 0.125" ALUM. TUBING.
 - ADJUSTING BOLT - 3/8" x 2 1/4" GRADE 5 CAP SCREW W/ NYLON LOCK NUT, ZINC PLATED.

- ALUMINUM:**
- 1 1/2" DIA ALUM. HANDRAIL SHALL BE 6063-T5 WITH A YIELD STRESS OF 16 KSI.
 - ALL OTHER ALUMINUM PARTS SHALL BE 6061-T6 ALUMINUM WITH A YIELD STRESS OF 35 KSI.

- HAND RAILS:**
- STANDARD HANDRAIL (W/O PICKETS) IS ALLOWED ON FINISHED PLATFORM HEIGHTS OF 30" AND LESS. ALL PLATFORM HEIGHTS ABOVE 30" SHALL USE PICKET STYLE HANDRAILS.
 - STAIRS AND RAMPS: USE 1 1/2" SQ x 5/32" THICK WALLED TUBING FOR POSTS AND HORIZONTAL RAILS EXCEPT FOR THE TOP 1-1/2" DIA ROUND HANDRAIL.
 - PLATFORM: USE 1 1/2" SQ x 5/32" THICK WALLED TUBING FOR POSTS AND USE 1-1/2" SQ x 5/32" FOR HORIZONTAL RAILS.
 - HEIGHT: TOP OF GRIPPING SURFACES OF HANDRAIL SHALL BE 36 INCHES VERTICALLY ABOVE WALKING SURFACES.

- WELDING:**
- ALL REFERENCES TO WELDING ON PLAN SET REFER TO IN-PLANT FABRICATION. NO ON-SITE WELDING IS REQUIRED.
 - FABRICATION PLANT WELDING BY WELDERS CERTIFIED BY A THIRD PARTY INSPECTOR AND IN ACCORDANCE WITH ANSI / AWS D1.2 CODE.
 - WELD SIZES ARE EQUAL OR LARGER THAN THE ELEMENT BEING WELDED.
 - WELDING IS ALL AROUND UNLESS OTHERWISE NOTED. CARE SHALL BE TAKEN TO AVOID EXCESS WARPING OF WELDED ELEMENTS.
 - FABRICATOR TO CERTIFY ASSEMBLED PARTS ARE PER THE DRAWINGS PER CBC / IBC 1704.2.5.

- BOLTS:**
- ALL BOLTS SHALL BE GRADE 5 ZINC PLATED, UNLESS OTHERWISE SPECIFIED.
 - PROVIDE LOCKING WASHERS UNDER ALL NUTS AND ANCHOR BOLTS UNLESS OTHERWISE SPECIFIED.
 - HIGH STRENGTH BOLTS ARE DESIGNED AT LESS THAN 50% CAPACITY FOR ADDITIONAL FACTOR OF SAFETY AND DO NOT REQUIRE SPECIAL INSPECTION.

- TEKS SCREWS:**
- ZINC PLATED #10 x 1 1/4", SELF TAPPING.

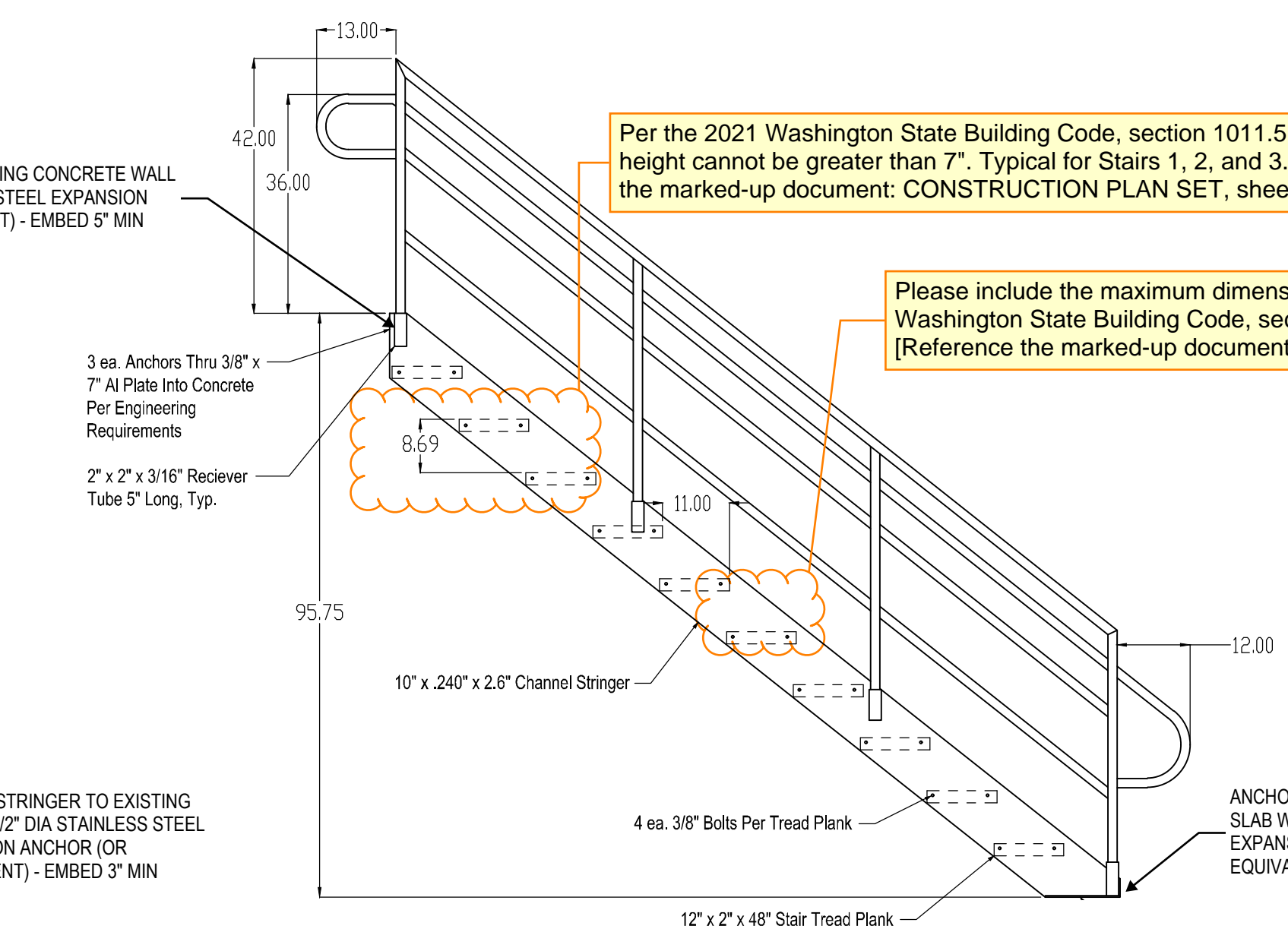
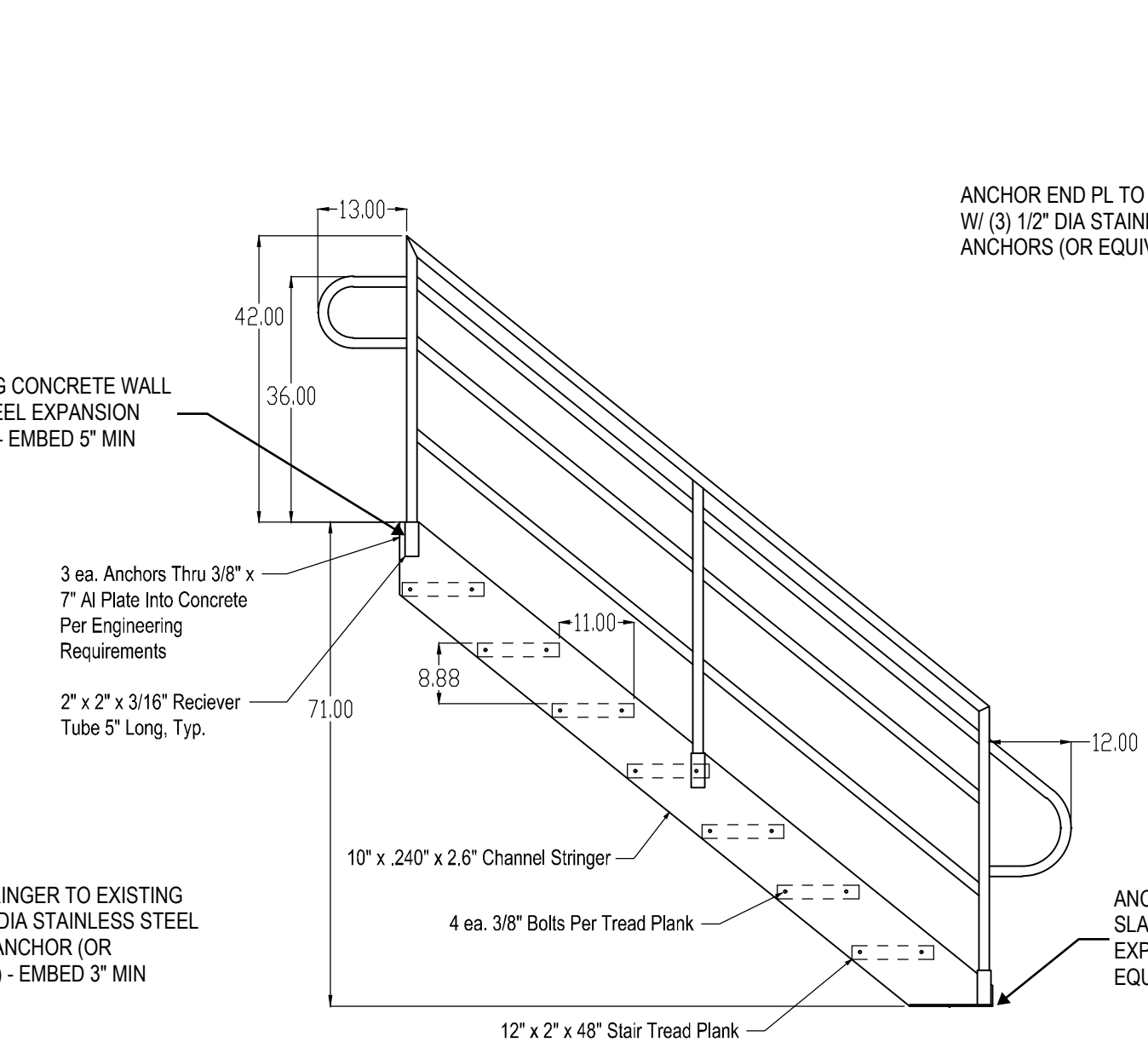
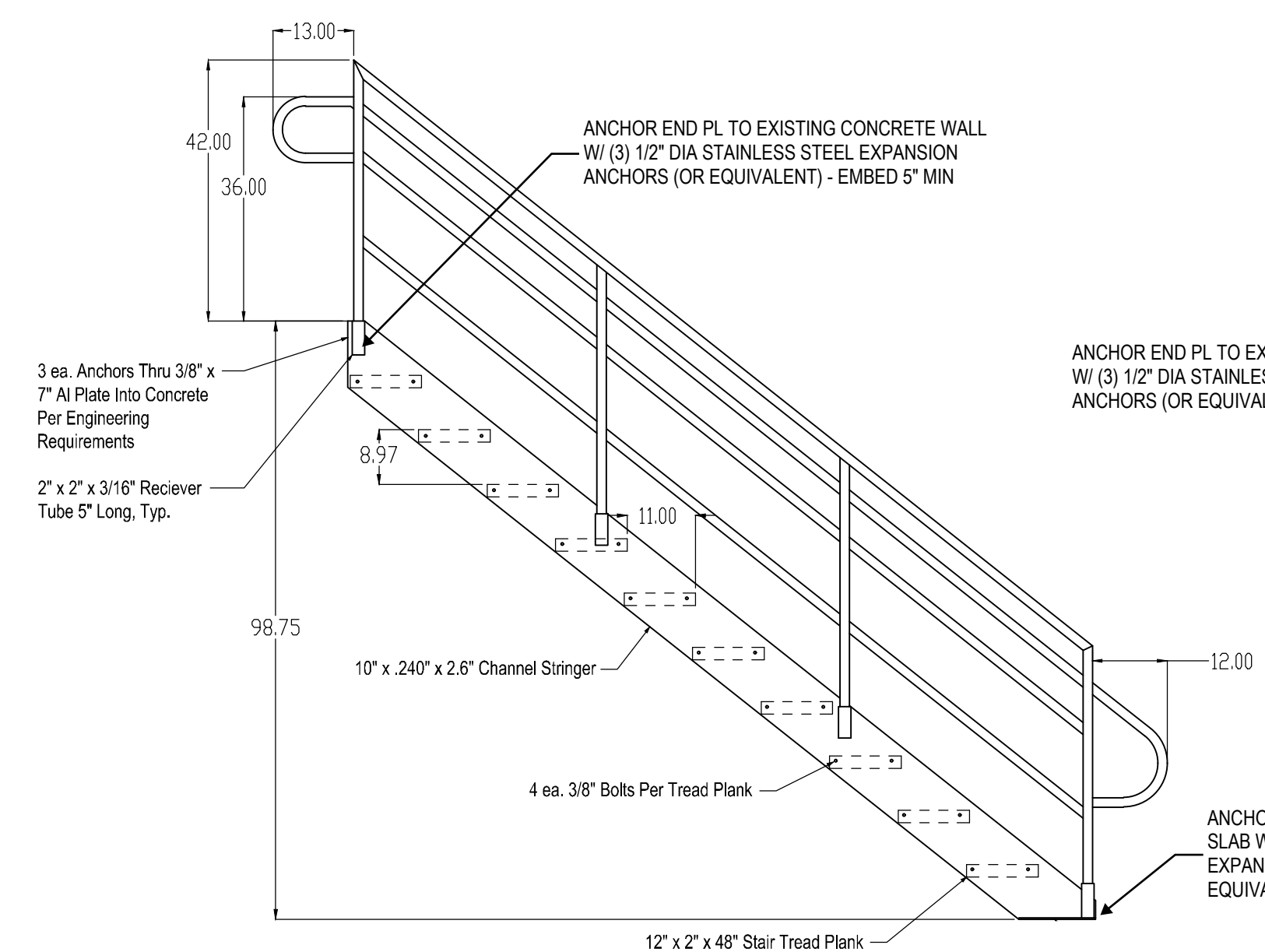
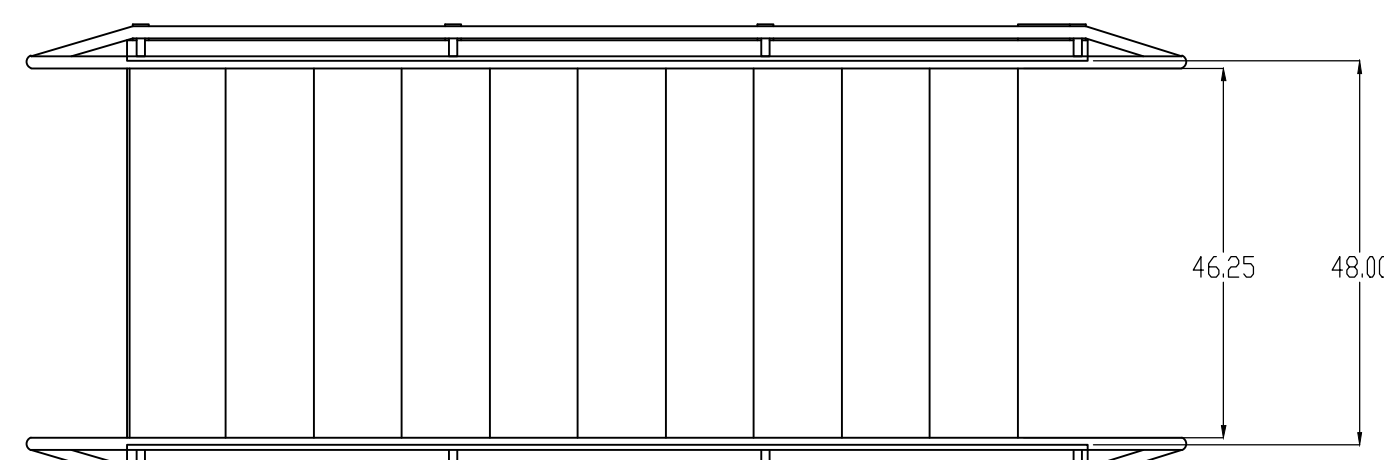
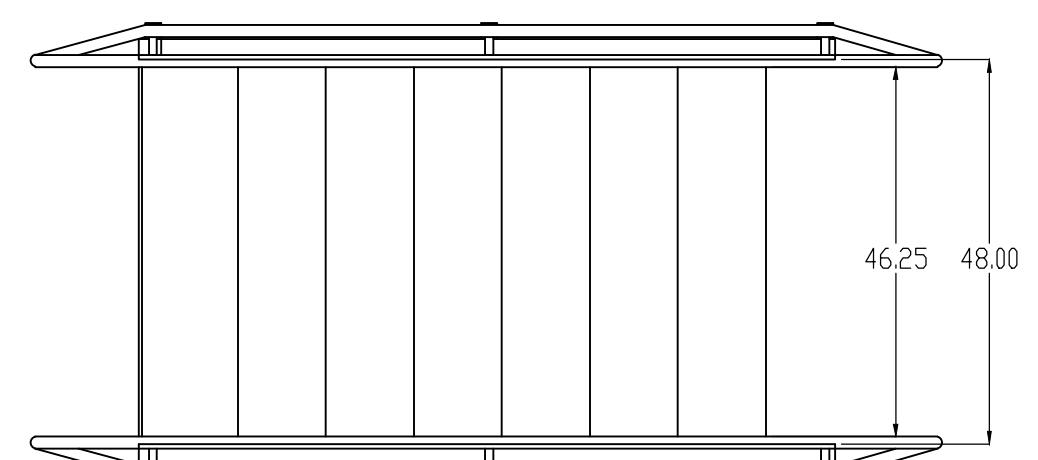
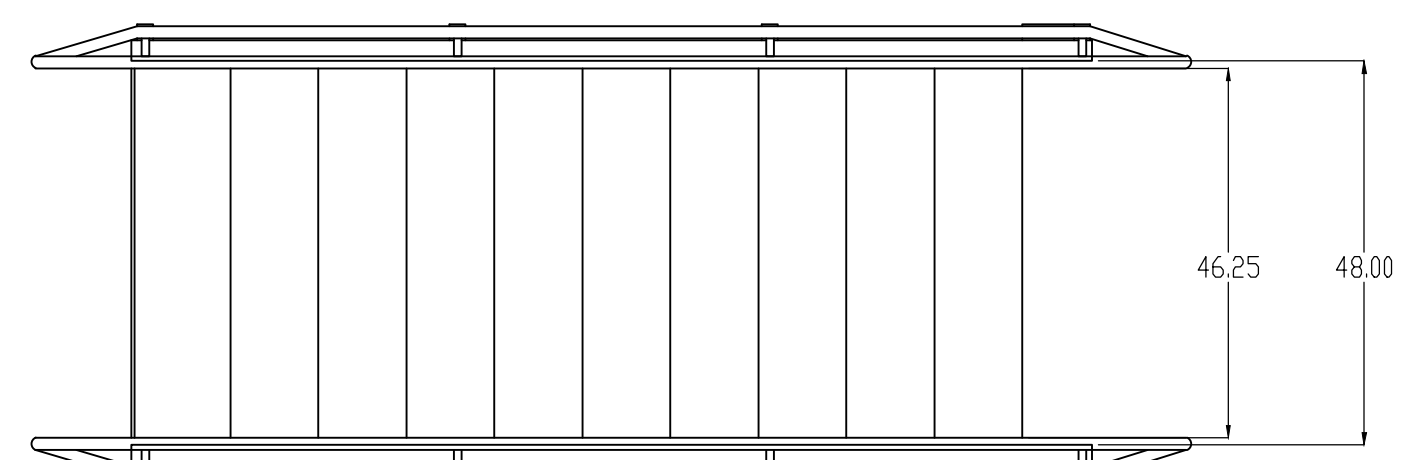
Please remove all references to the CBC. [Reference the marked-up document: CONSTRUCTION PLAN SET, sheet WR1.1]

Per the 2021 Washington State Building Code, section 1011.5.2, the riser height cannot be greater than 7". Typical for Stairs 1, 2, and 3. [Reference the marked-up document: CONSTRUCTION PLAN SET, sheet WR1.1]

Please include the maximum dimension for the opening between treads per the 2021 Washington State Building Code, section 1011.5.5.3. Typical for Stairs 1, 2, and 3. [Reference the marked-up document: CONSTRUCTION PLAN SET, sheet WR1.1]

No proposed footings, posts, or supports shall be constructed on or above any existing public utility connections without first relocating the utility services or protecting it in place.

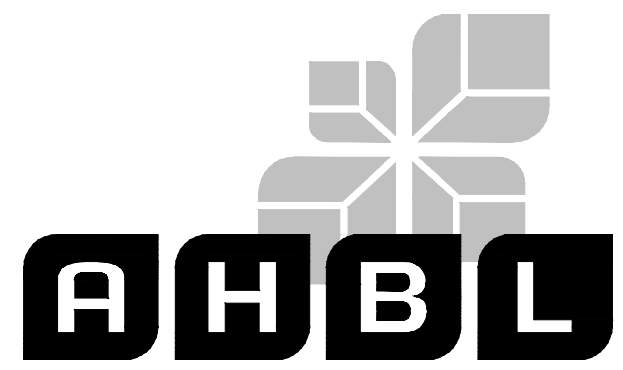
The City shall not be held liable or responsible for any conflicts that arise between the approved building plans and approved civil construction plans since the building permits have been issued prior to civil PCR revision approval.



STAIR 1
N.T.S.

STAIR 2
N.T.S.

STAIR 3
N.T.S.



Project Title:
**CENTERIS PUYALLUP
 ACCESS PLANS
 DECK, RAMP &
 STAIRS**

Client:
**WELCOME RAMP
 SYSTEMS INC.**

3902 B St NW Ste B, Auburn, WA 98001

Project No.
 2241015.20

Issue Set & Date:

PERMIT

12.10.2024



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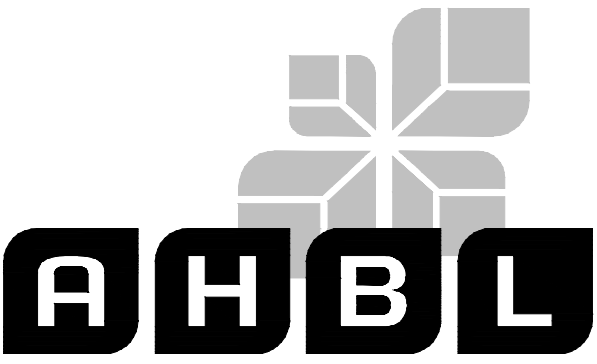
Sheet Title:

**ACCESS PLATFORM
 PLANS**

Designed by: DAR
 Drawn by: KJK
 Checked by: ADM

Sheet No.

WR1.1



TACOMA · SEATTLE · SPOKANE · TRI-CITIES

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ACCESS PLANS
DECK, RAMP &
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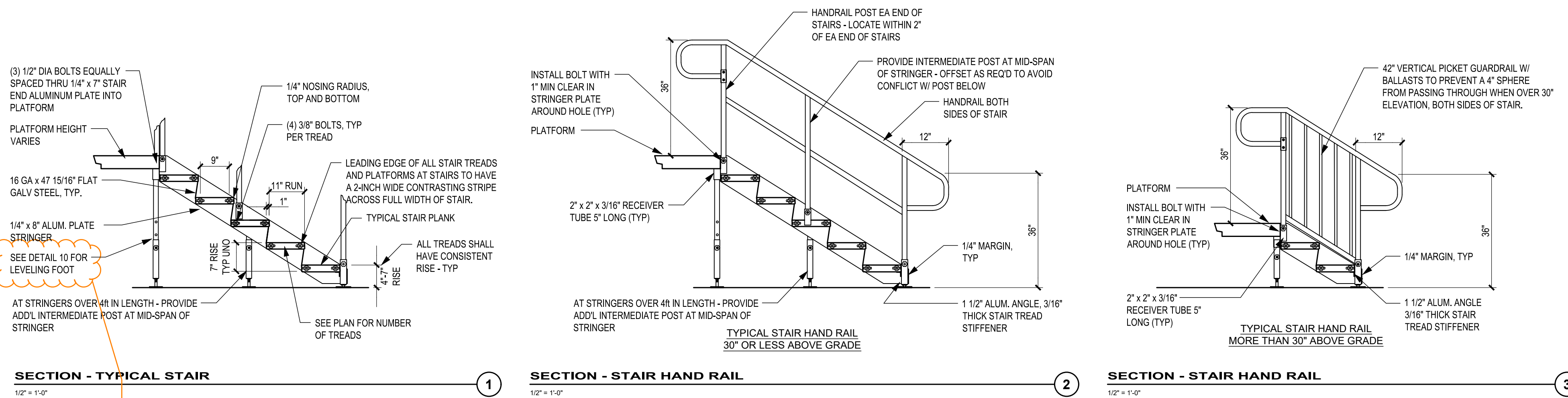
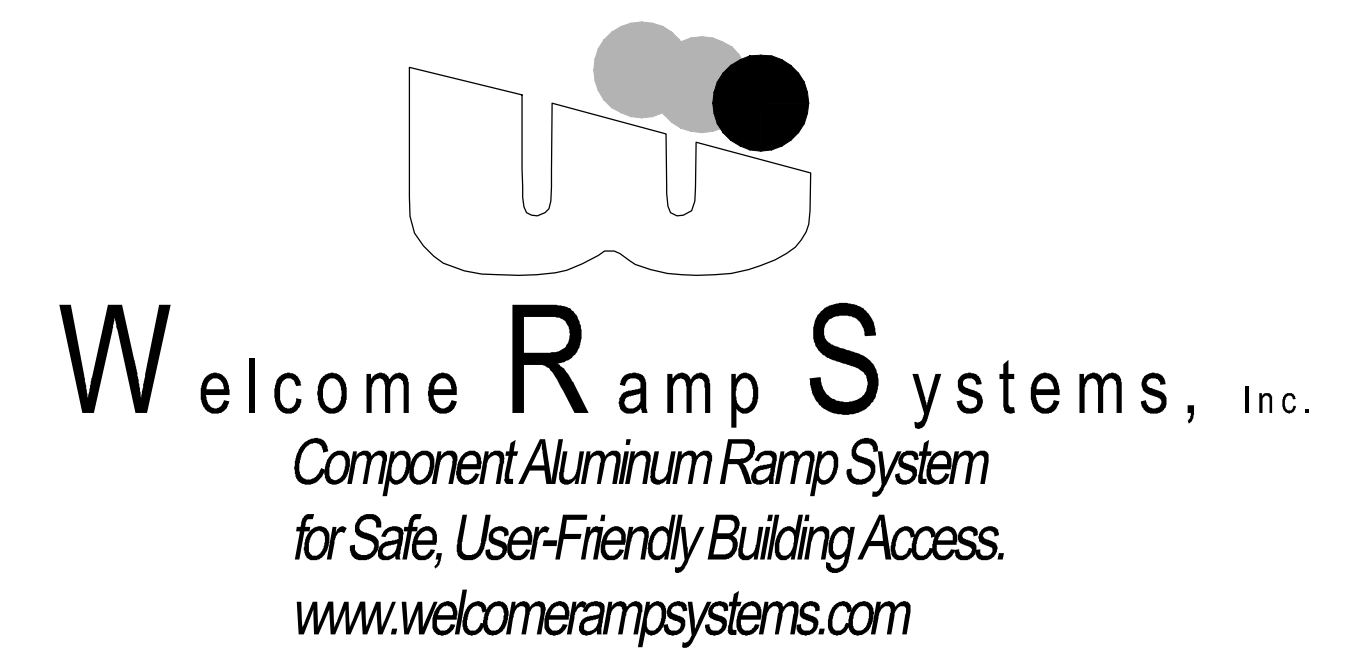
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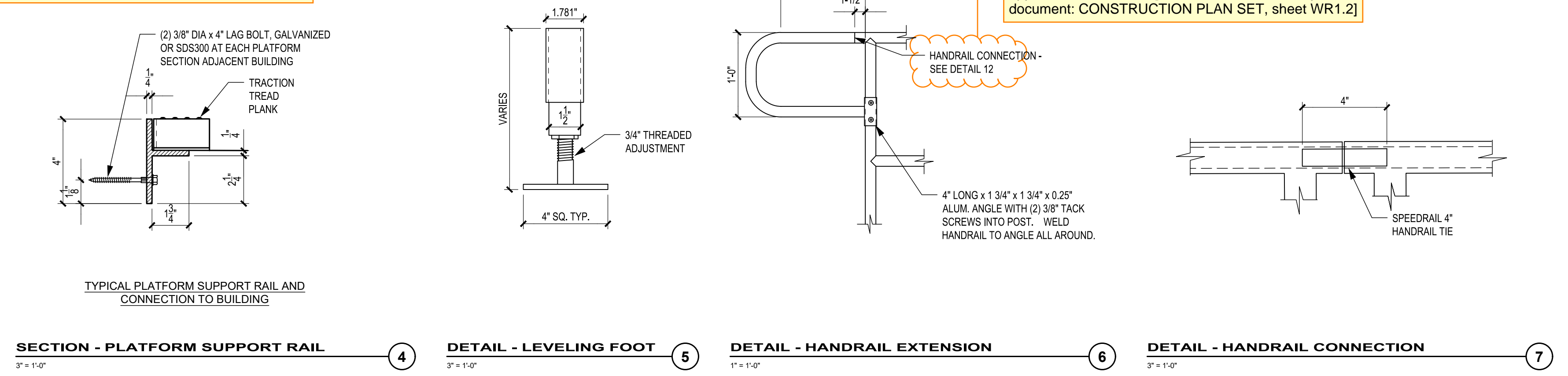


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Please correct this detail call-out. The correct detail appears to be Detail 5. [Reference the marked-up document: CONSTRUCTION PLAN SET, sheet WR1.2]

Please correct this detail call-out. The correct detail appears to be Detail 7. [Reference the marked-up document: CONSTRUCTION PLAN SET, sheet WR1.2]



Revisions table with columns for revision number and description. Contains four empty rows for revisions.

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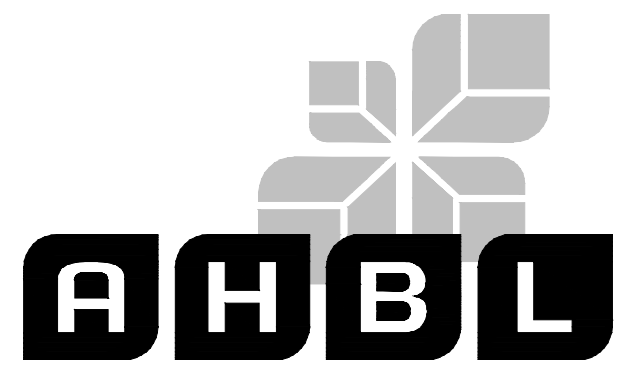
STANDARD DETAILS

Designed by: DAR Drawn by: KJK Checked by: ADM

Sheet No.

WR1.2

2 of 3 Sheets



Project Title:

**CENTERIS PUYALLUP
ACCESS PLANS
DECK, RAMP &
STAIRS**

Client:

**WELCOME RAMP
SYSTEMS INC.**

3902 B St NW Ste B, Auburn, WA 98001

Project No.

2241015.20

Issue Set & Date:

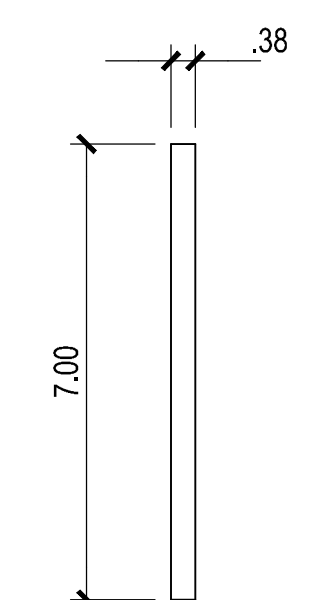
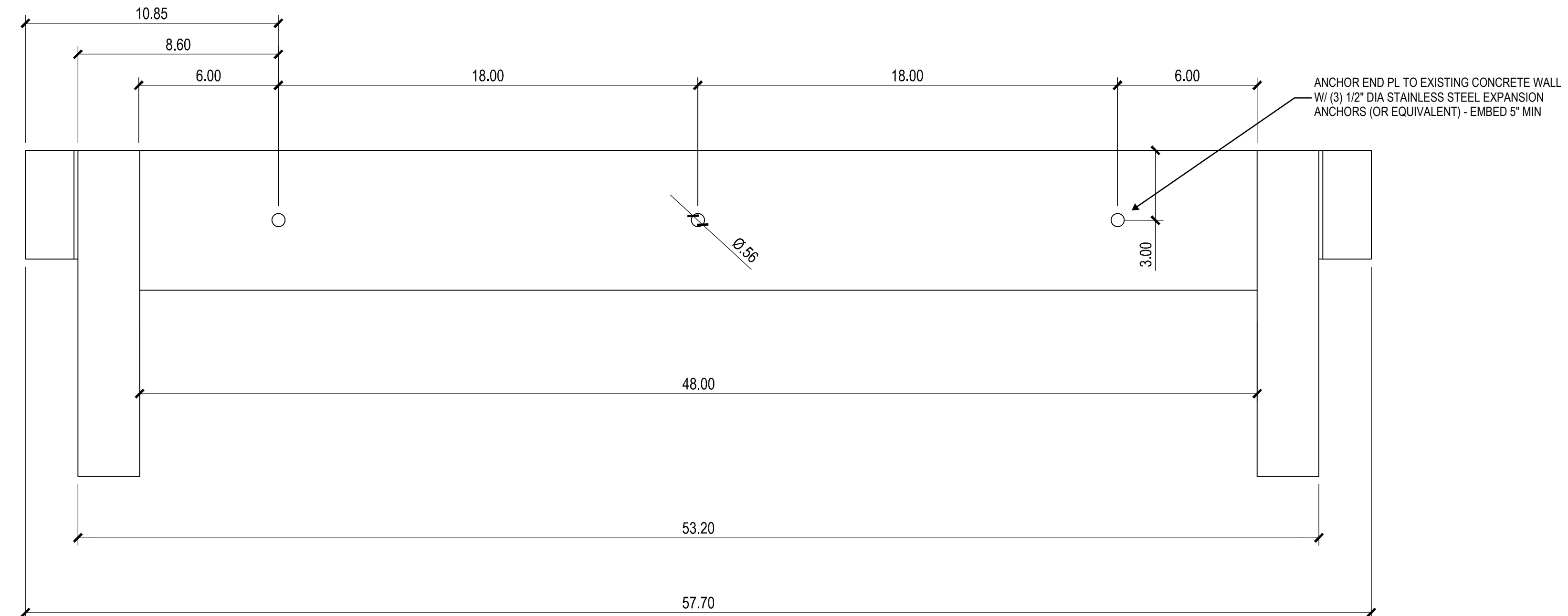
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MOUNTING PLATE

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Revisions:

Sheet Title:

STANDARD DETAILS

Designed by: DAR Drawn by: KJK Checked by: ADM

Sheet No.

WR1.3

3 of 3 Sheets