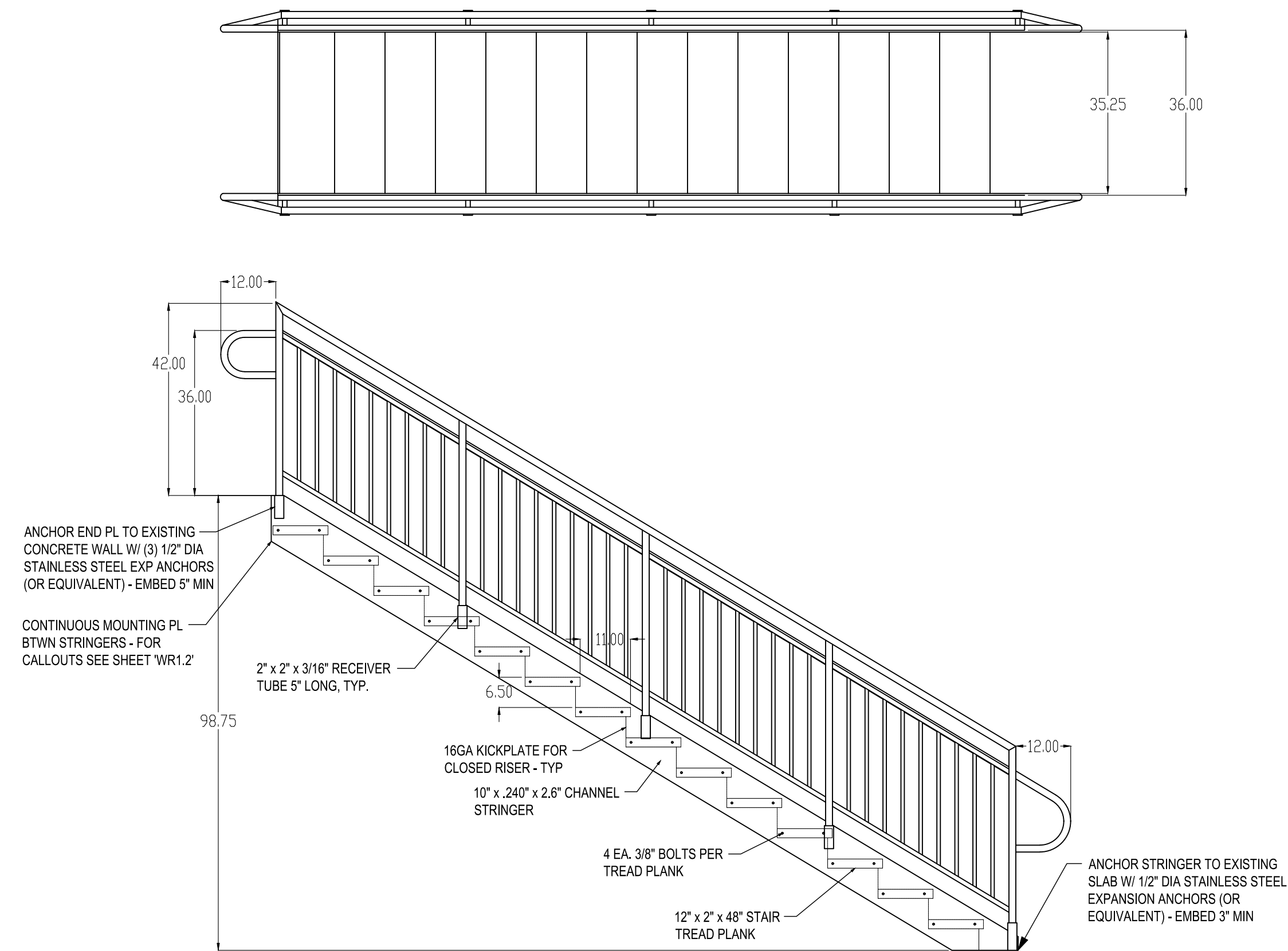
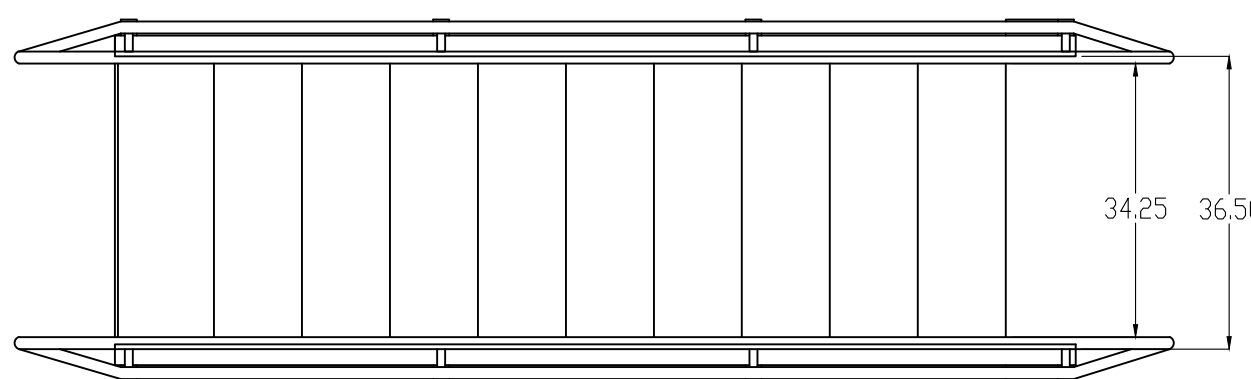


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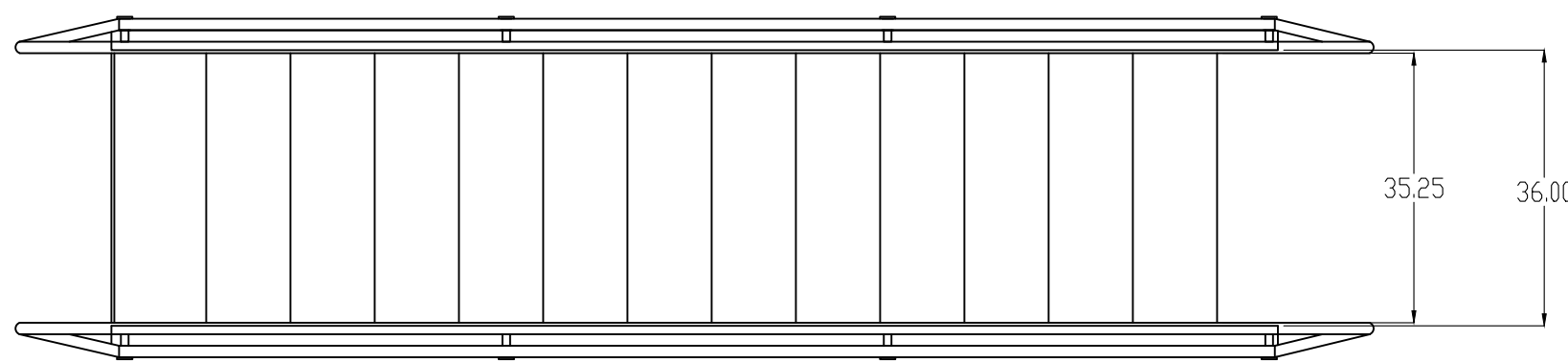
STAIR 1
N.T.S.

1



STAIR 2
N.T.S.

2



STAIR 3
N.T.S.

CODE COMPLIANCE

- 2021 INTERNATIONAL BUILDING CODE CH. 10 COMPLIANT.
- MAX RAMP SLOPE = 1:12 (VERT / HORIZ)
- CROSS SLOPE, MAX = 2%
- STAIR RISE = 7" MAX, 4" MIN
- DESIGN LOADING:
 - DECK / RAMP 100 PSF
 - STAIR TREAD 300 LBS CONC. PER TREAD
 - RAILING 50 PLF OR 200 LBS CONC.
 - LATERAL LOAD 600# PEDESTRIAN DYNAMIC LOADING PER 30-FT RAMP
- WIND LOAD 104 MPH, EXP B, Kzt=1.0
- SEISMIC LOAD Sds=1.006 SITE CLASS D-DEFAULT
- DOOR CLEARANCE AS REQUIRED BY IBC
- STANDARD 3 LINE RAIL FOR COMPONENTS 30" OR LESS FROM GRADE TO WALKING SURFACE OF RAMP, LANDING OR STAIR.
- 42" VERTICAL PICKET GUARDRAIL FOR COMPONENTS OVER 30" FROM GRADE TO WALKING SURFACE OF RAMP, LANDING OR STAIR.
- GRASPABLE CONTINUOUS HANDRAIL AT 36" OFF RAMP, PLATFORM, OR STAIR NOSING. INSTALL BOTH SIDES OF STAIRS AND RAMP.
- HANDRAILS TO EXTEND 12" HORIZONTALLY OVER WALKING SURFACE AND RETURN TO WALL OR RAILING COLUMN.
- 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.
- LEADING EDGE OF ALL STAIR TREADS AND PLATFORMS AT STAIRS TO HAVE A 2-INCH WIDE CONTRASTING STRIPE ACROSS FULL WIDTH OF STAIR.
- 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 P65 LANDING OR ONE COLUMN SUPPORTS TWO CORNERS OF P65 LANDING USE 16" x 16" PAD

GENERAL NOTES

- 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.
- THE RAMP SYSTEM, STAIRS AND PLATFORM HAVE BEEN DESIGNED TO MEET IBC REQUIREMENTS.
- 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.
- WELCOME RAMPS, PLATFORMS, AND STAIRS ARE DESIGNED TO BE ANCHORED INTO ADJACENT MODULAR BUILDING AS WELL AS TO BE FULLY INDEPENDENT FREE STANDING CONDITIONS.
- 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 2" SQUARE x 0.125" ALUM. TUBING.
- LEG POCKETS SHALL BE 2.25" 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 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.

Approval of submitted plans is not an approval of omissions or oversights by this office or non compliance with any applicable regulations of local government. The contractor is responsible for making sure that the building complies with all applicable codes and regulations of the local government.

The approved construction plans, documents, and all engineering must be posted on the job at all inspections in a visible and readily accessible location.

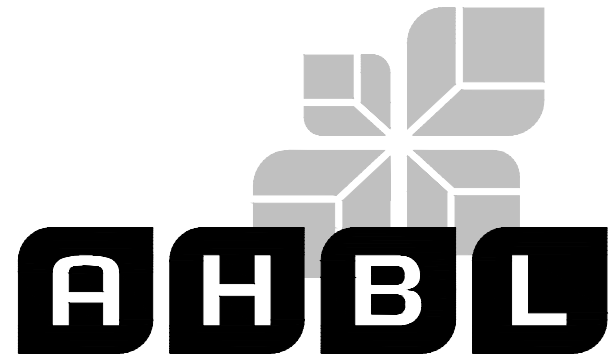
Full sized legible color plans are required to be provided by the permittee on site for inspection.

City of Puyallup
Building
REVIEWED
FOR
COMPLIANCE

B.Snowden
03/06/2025
8:17:18 AM



PRCTI20250032



TACOMA • SEATTLE • SPOKANE • TRI-CITIES

2215 North 30th Street, Suite 300, Tacoma, WA 98403
253.383.2422 TEL 253.383.2572 FAX www.ahbl.com WEB

Project Title:

CENTERIS PUYALLUP
ACCESS PLANS
DECK, RAMP &
STAIRS

Client:

WELCOME RAMP
SYSTEMS INC.

3902 B St NW Ste B, Auburn, WA 98001

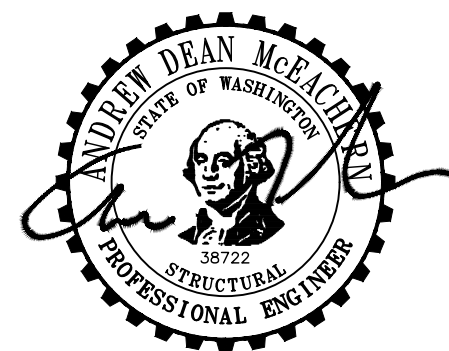
Project No.

2241015.20

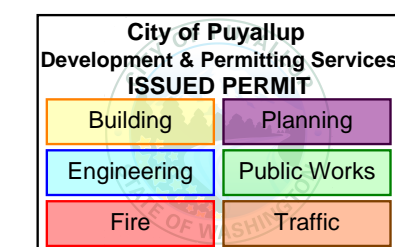
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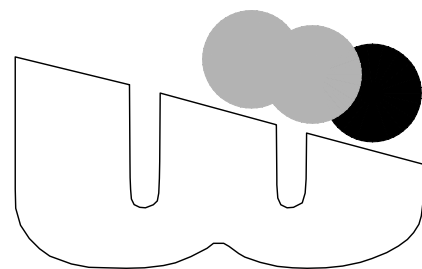
ACCESS STAIR
PLANS AND
ELEVATIONS

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

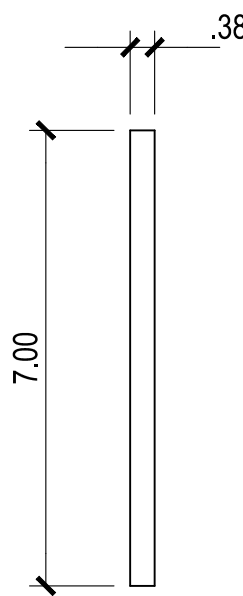
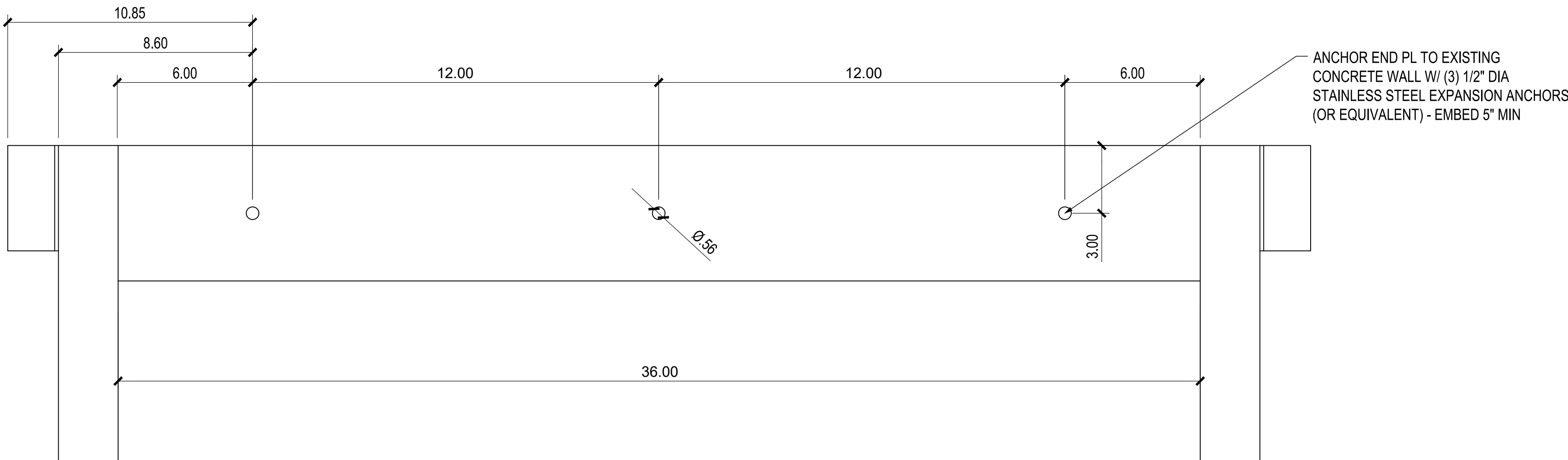
Sheet No.

WR1.1

1 of 3 Sheets

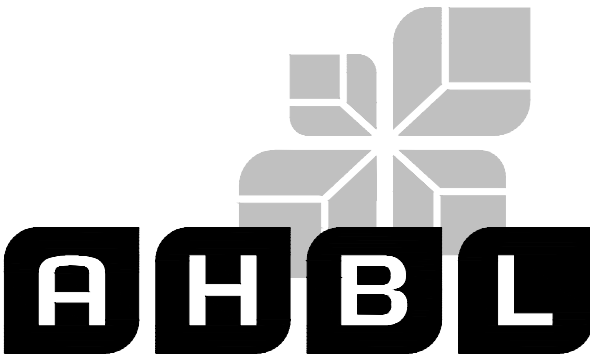


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MOUNTING PLATE

PRCTI20250032



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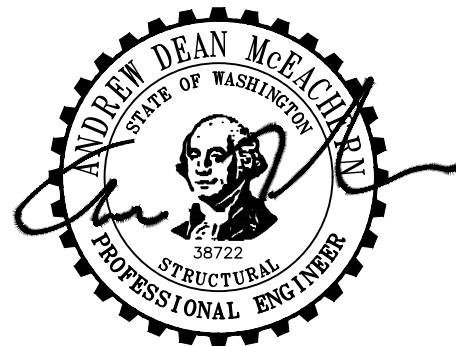
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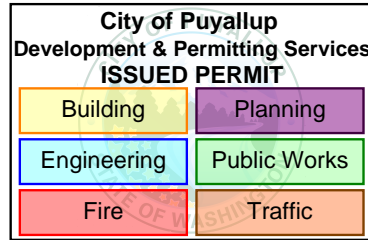
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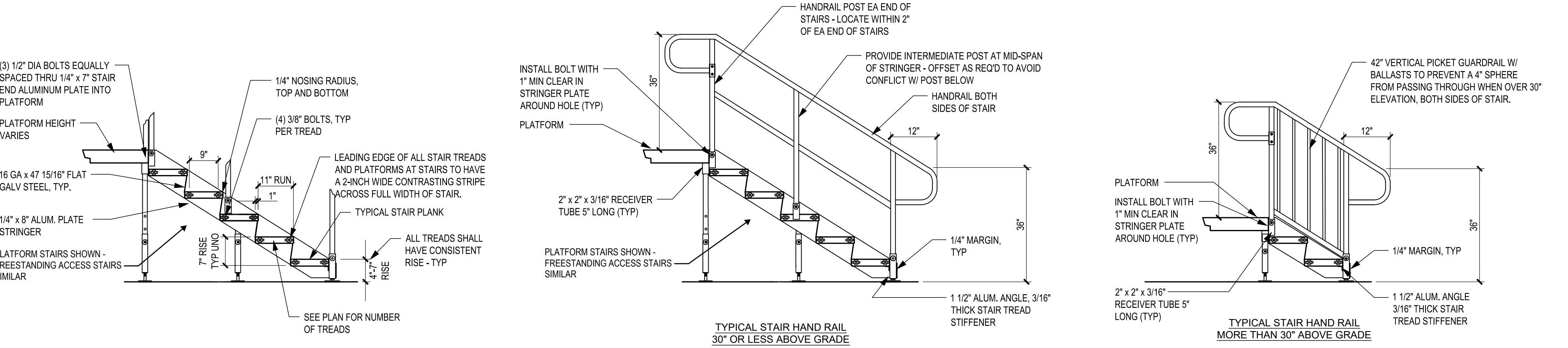
ACCESS STAIR
CONNECTION
PLATE

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

Sheet No.

WR1.2

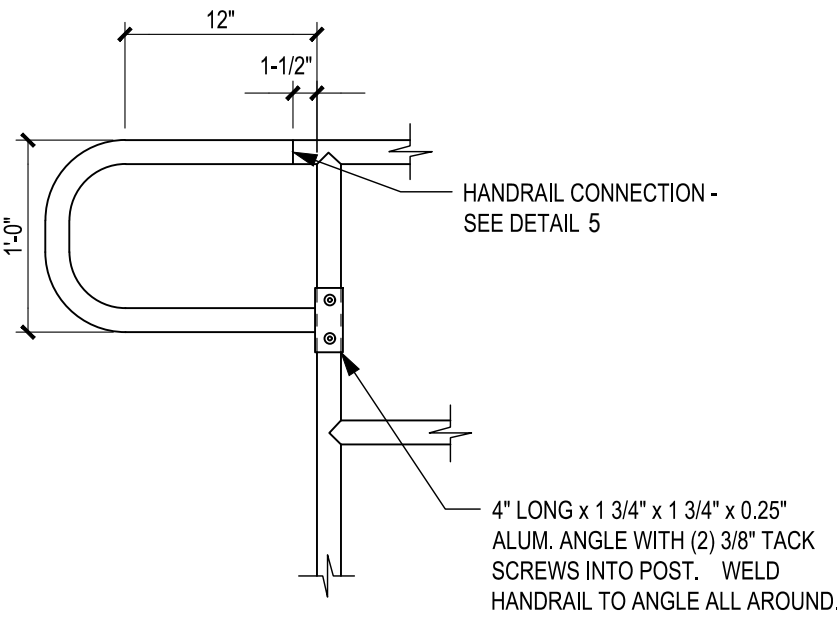
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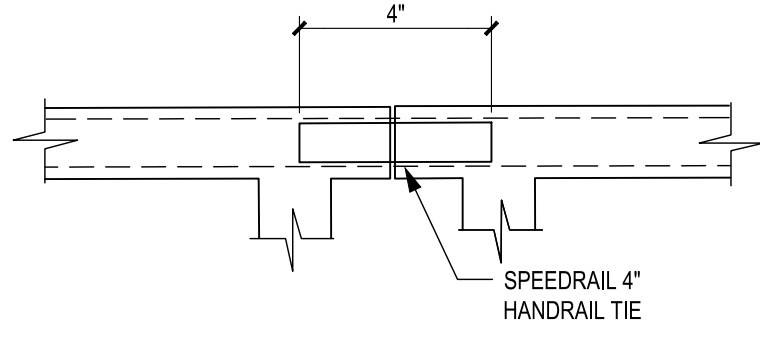
SECTION - TYPICAL STAIR
1/2" = 1'-0"

SECTION - STAIR HAND RAIL
1/2" = 1'-0"

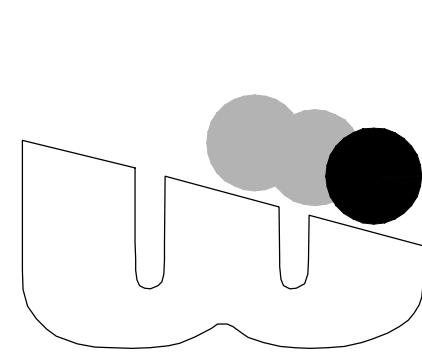
SECTION - STAIR HAND RAIL
1/2" = 1'-0"



DETAIL - HANDRAIL EXTENSION
1" = 1'-0"

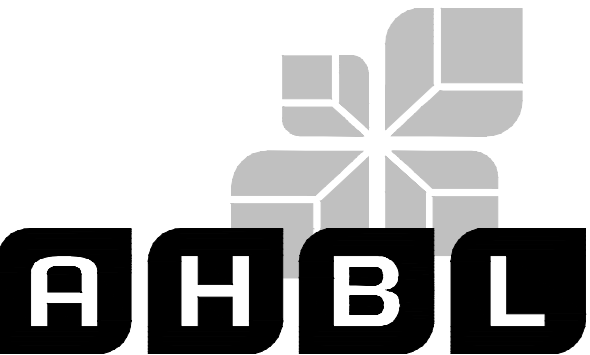


DETAIL - HANDRAIL CONNECTION
3" = 1'-0"



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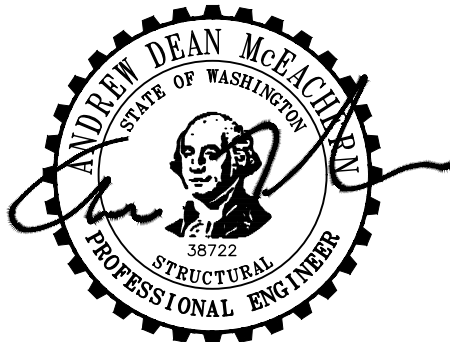
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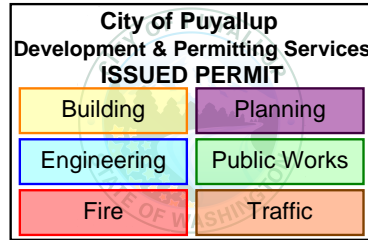
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Revisions:

Sheet Title:

ACCESS STAIR
TYPICAL DETAILS

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

Sheet No.

WR1.3

3 of 3 Sheets