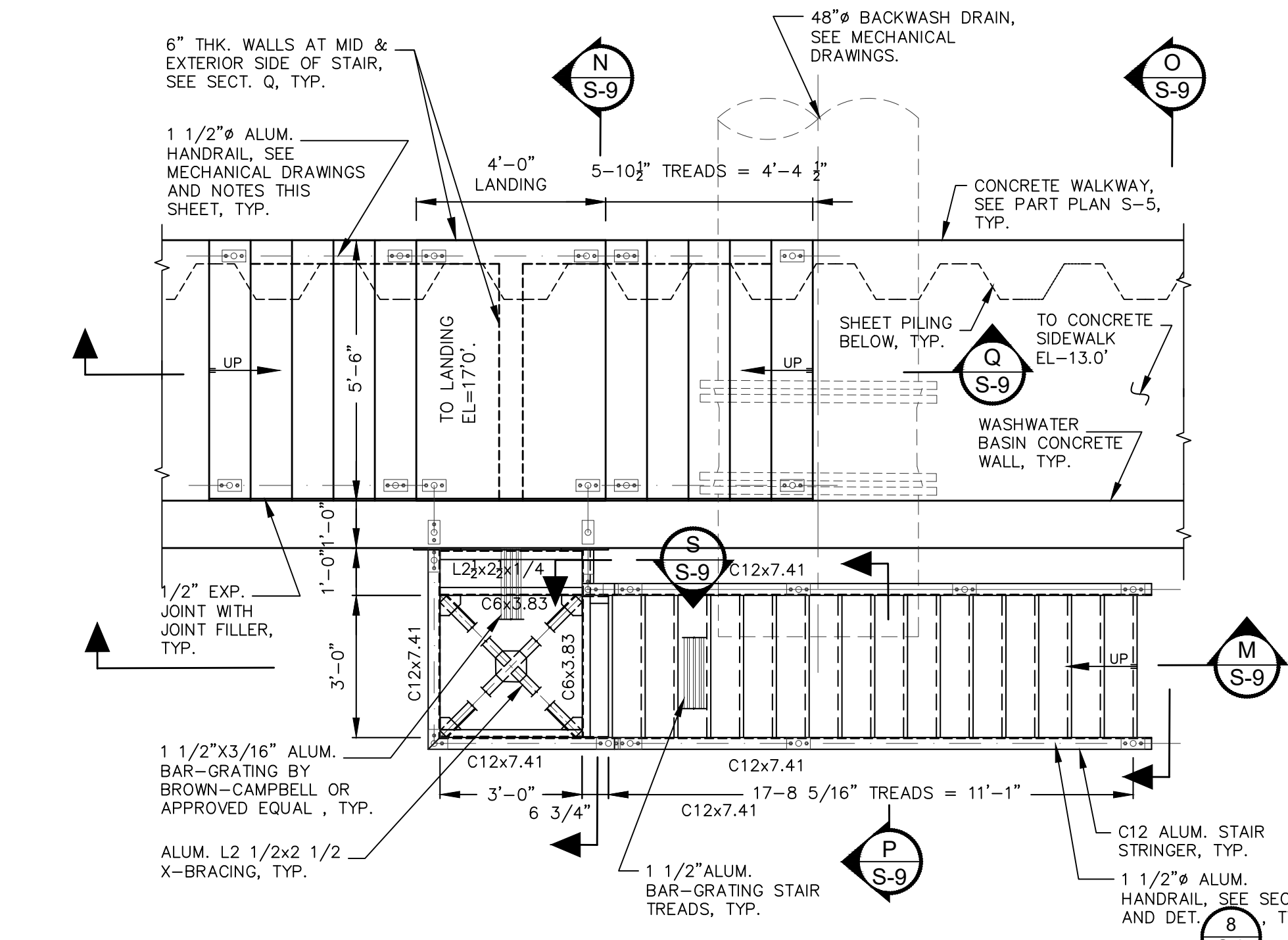
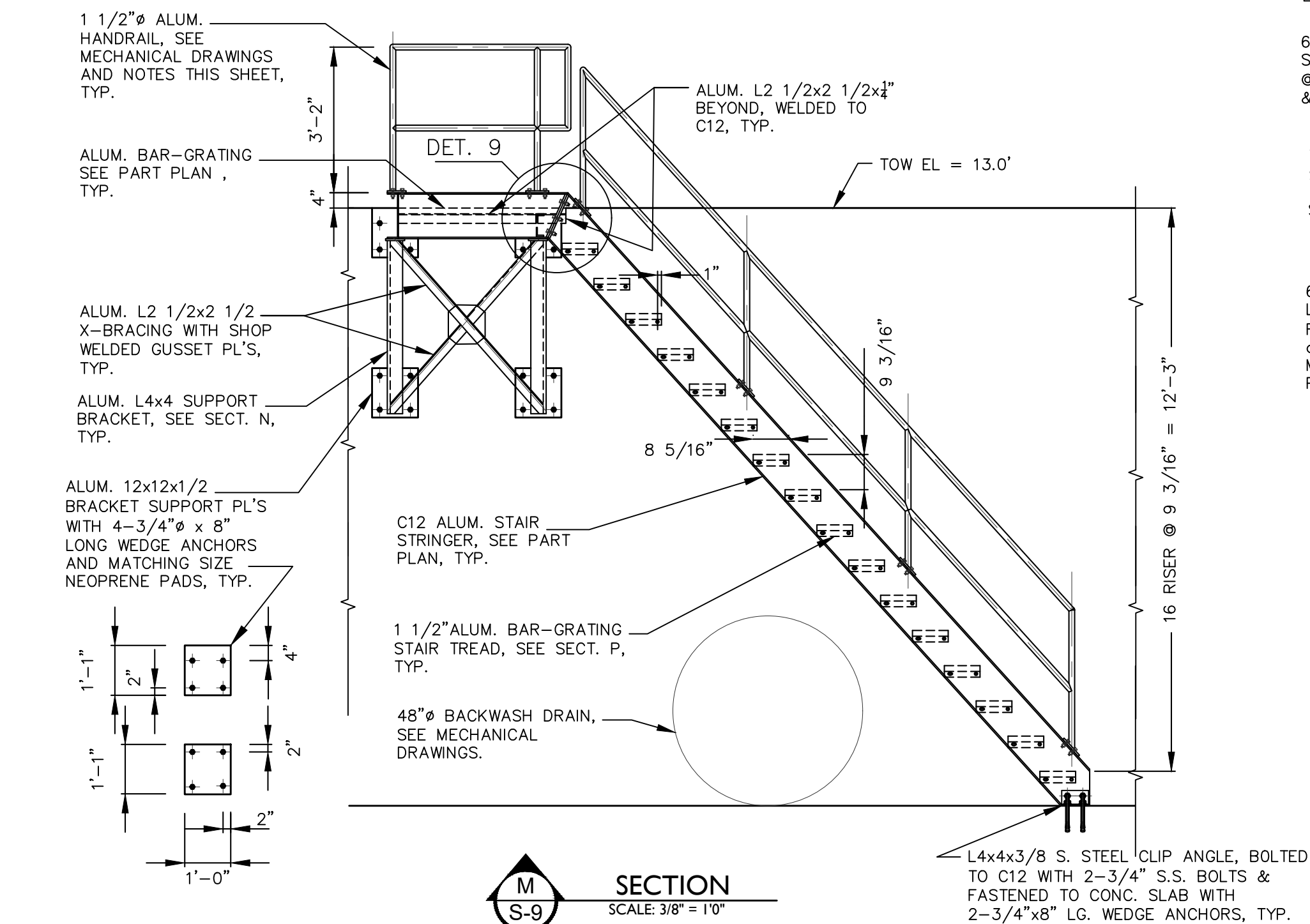


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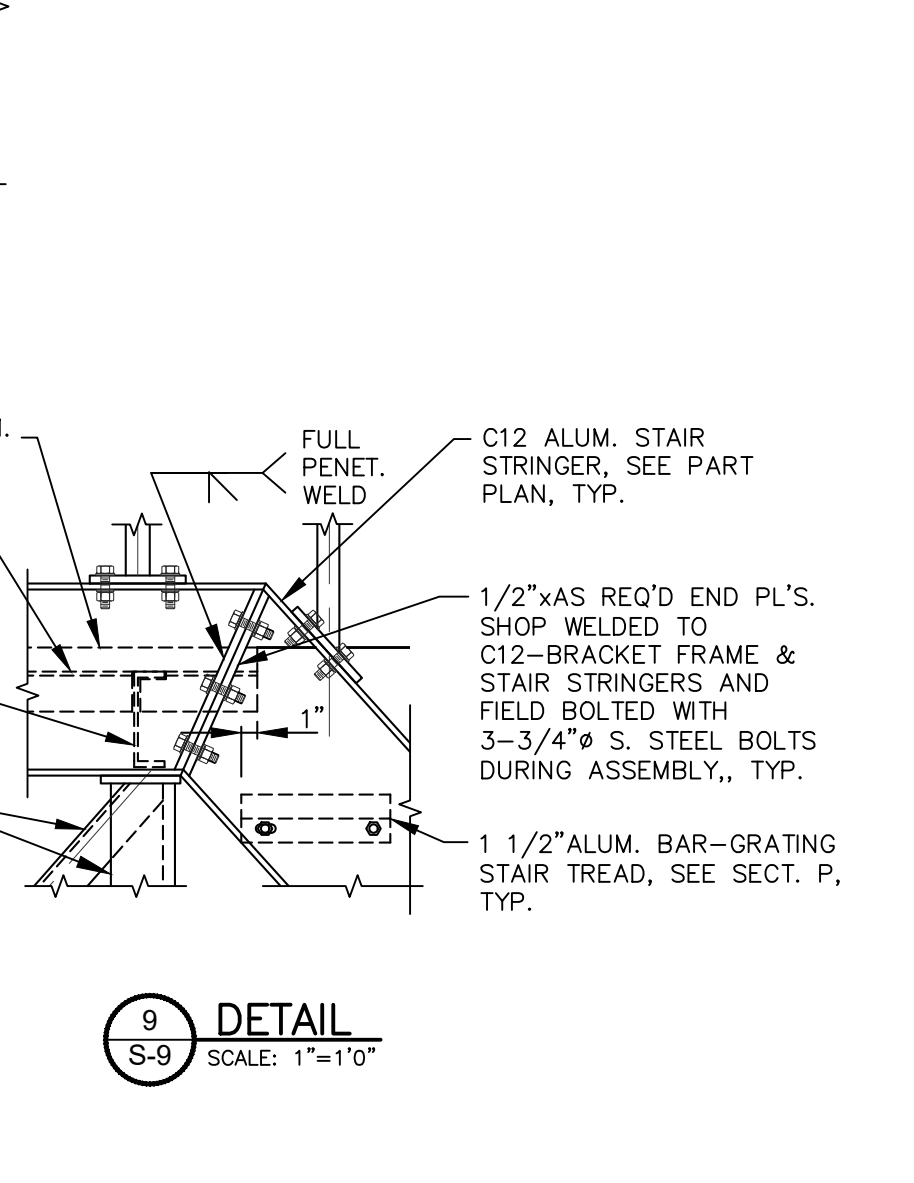
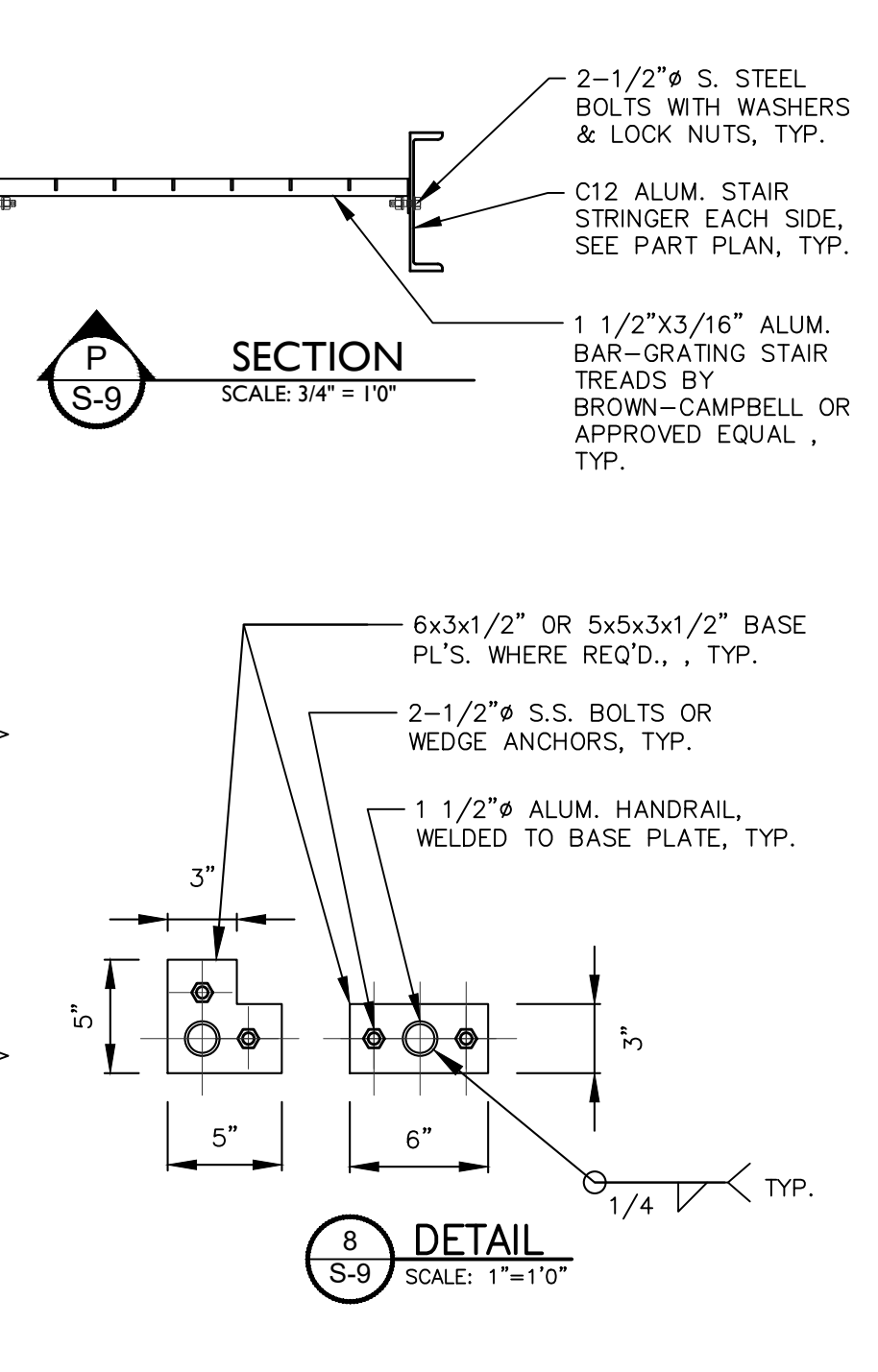
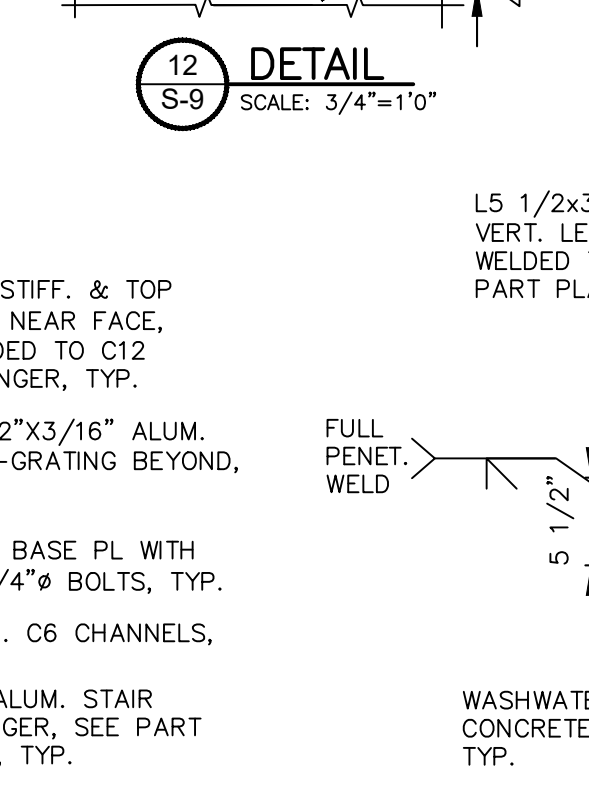
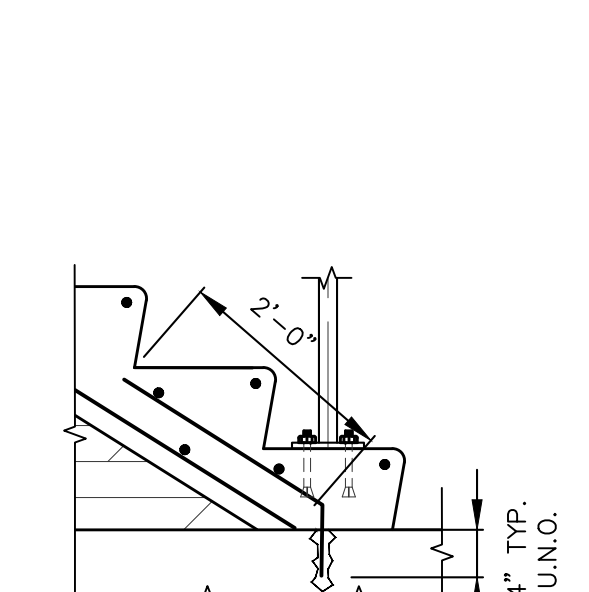
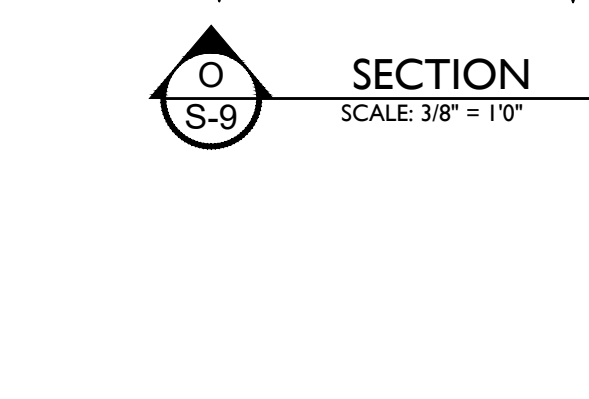
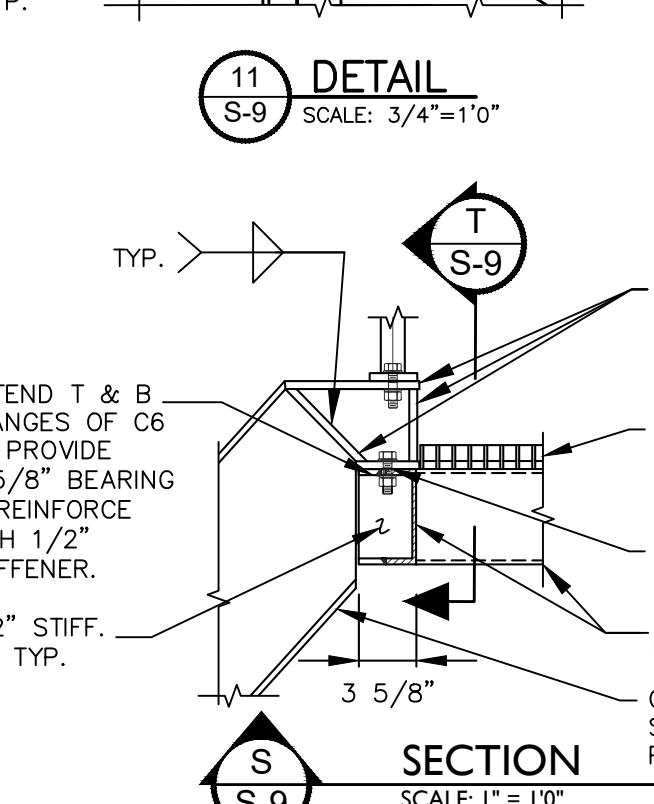
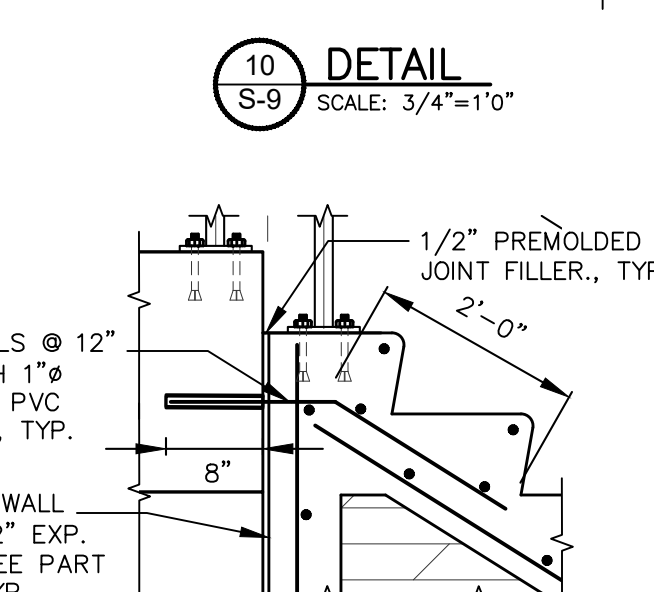
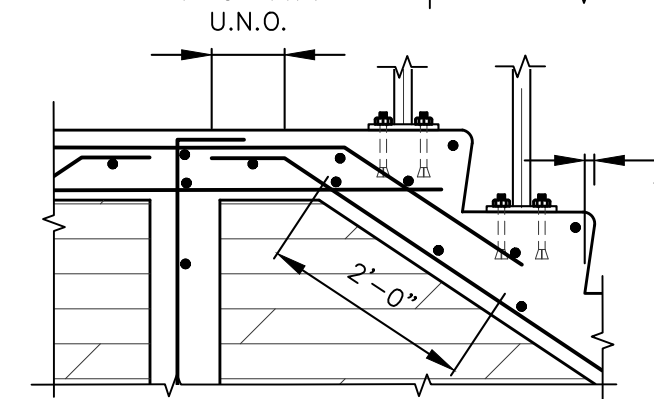
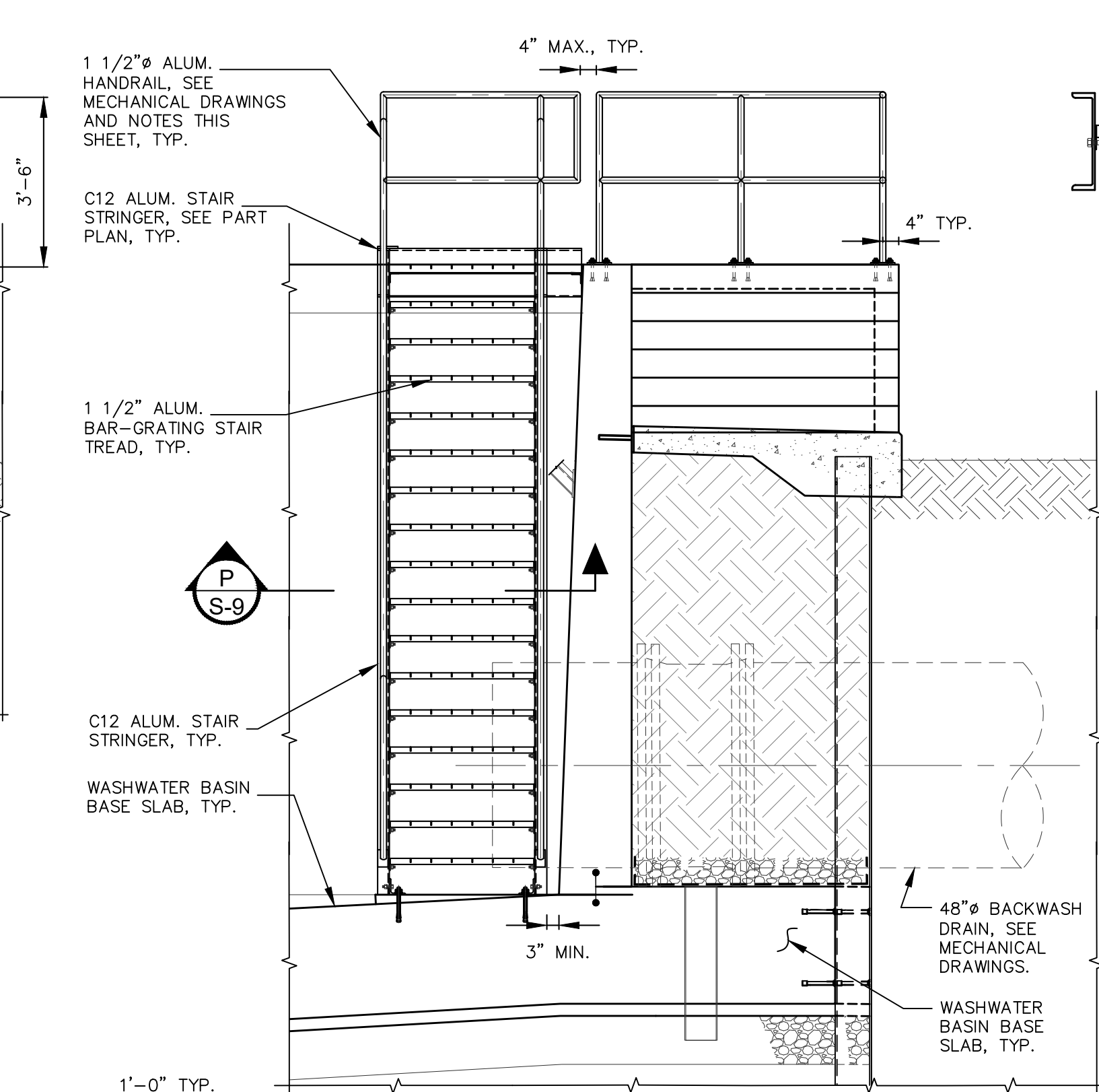
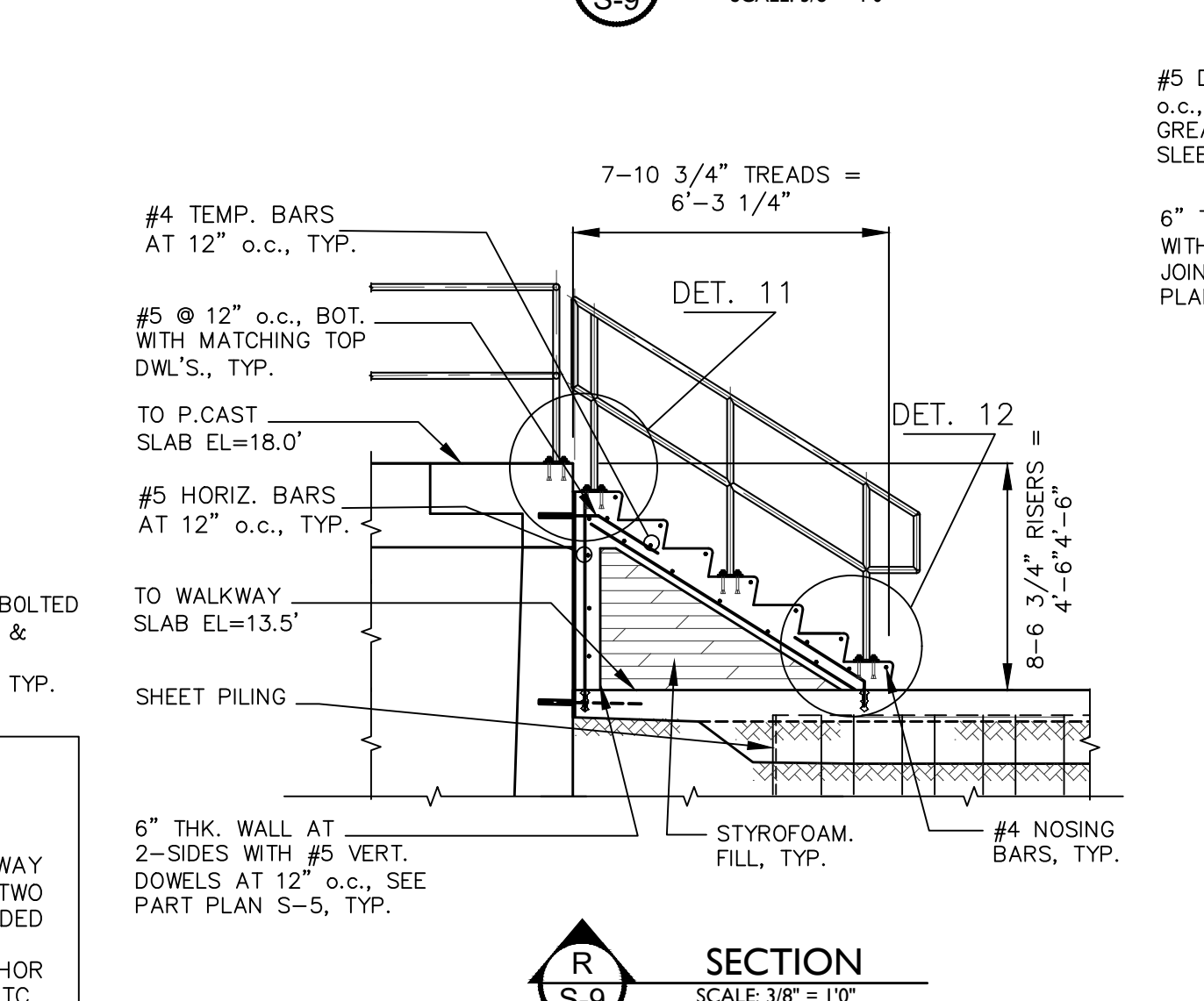
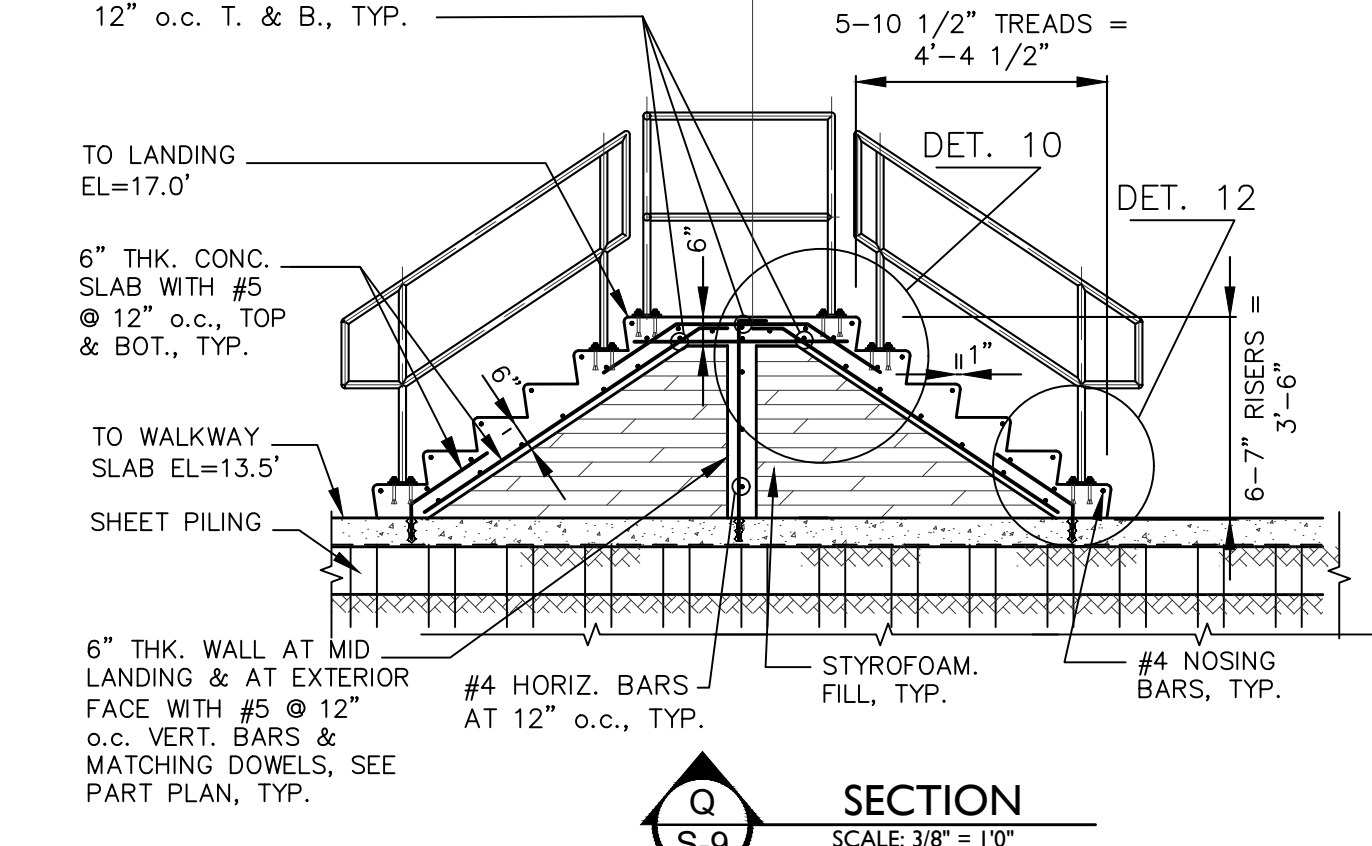
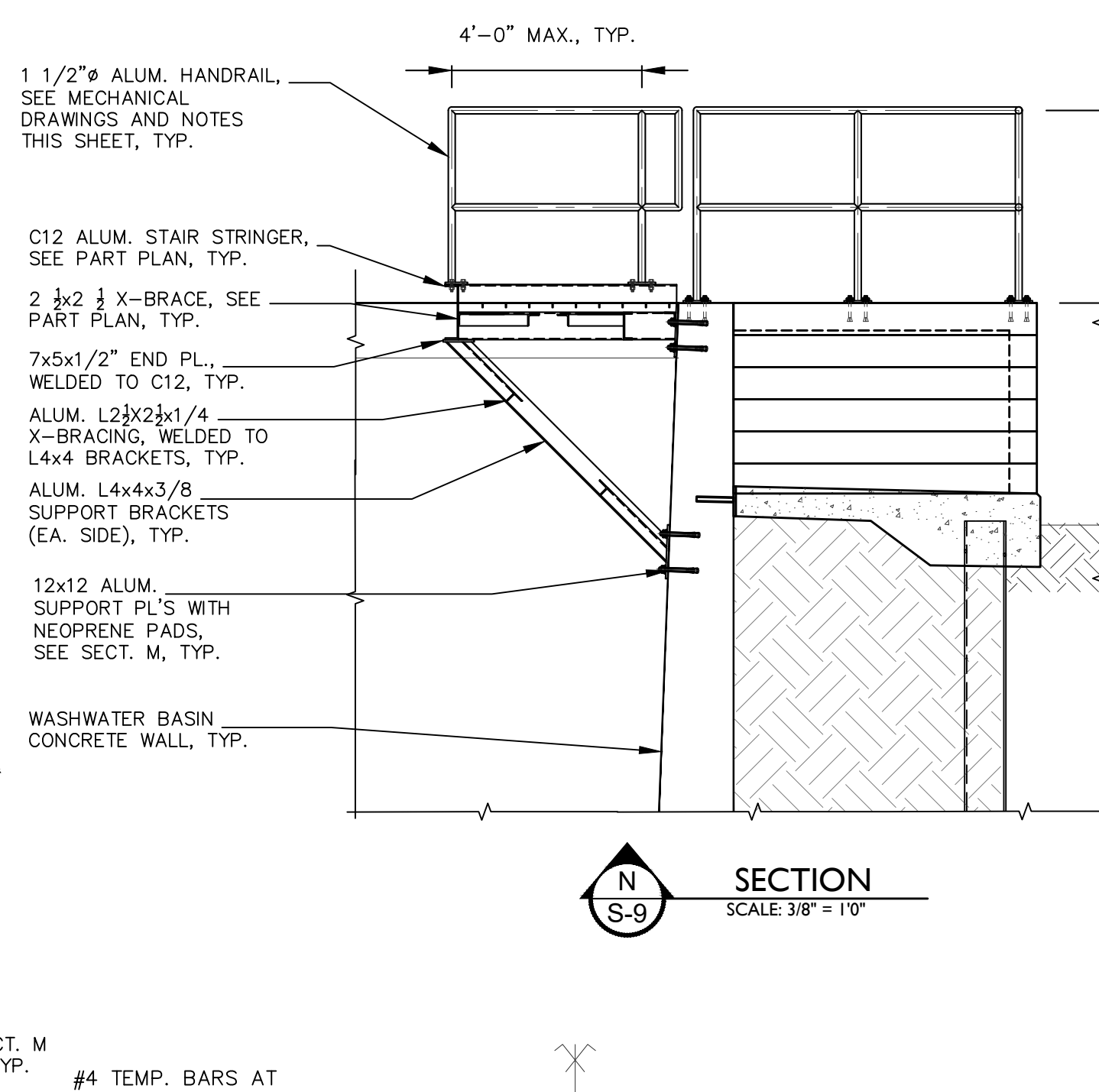


PART PLAN - ALUMINUM SHIP STAIR SCALE: 3/8" = 1'-0"



ALUMINUM PLATFORM & SHIP-STAIR NOTES:

THE ALUMINUM FABRICATOR TO HAVE AT LEAST 10 YEAR EXPERIENCE IN BUILDING STAIRS. THE SHOP DRAWINGS WITH CONNECTION DETAILS TO BE SUBMITTED TO ENGINEER'S APPROVAL PRIOR TO START OF ANY FABRICATION. THE UPPER PLATFORM (WITH ITS BRACKETS & X-BRACING MEMBERS) AND THE SHIP-STAIR (WITH ITS BAR-GRATING) OF THE STAIRWAY SHALL BE SHOP FABRICATED AND SHIPPED SEPARATELY TO THE SITE. THE STAIRWAY SHALL BE ASSEMBLED IN FIELD BY BOLTING THE TWO PARTS TOGETHER AS SHOWN ON DRAWINGS. ALL MEMBER TO MEMBER CONNECTIONS FOR THE UPPER PLATFORM SHALL BE WELDED CONNECTIONS. THE UPPER PLATFORM SHALL BE ANCHORED TO THE RECOVERY BASIN-WALL WITH STAINLESS STEEL WEDGE ANCHORS AND THE ANCHOR HOLES SHALL BE SEALED BY INJECTING A 2-PART EPOXY PRIOR TO TIGHTENING OF THE BOLTS. ANY ALUMINUM MEMBERS, PLATES, ETC., THAT IN DIRECT CONTACT WITH CONCRETE SURFACES SHALL BE SEPARATED FROM IT BY INSTALLING NEOPRENE PADS. REFER TO MECHANICAL DRAWINGS FOR HANDRAIL/GUARDRAIL DETAILS, LOCATIONS, ETC., U.N.O. HANDRAILS/GUARDRAILS TO BE DESIGNED AND DETAILED BY A DELEGATED ENGINEER AND THE SHOP DRAWINGS AND SIGNED AND SEALED DESIGN CALCULATIONS TO BE SUBMITTED TO ENGINEER'S APPROVAL PRIOR TO ANY FABRICATION. ALUMINUM MATERIAL FOR THE STAIRWAY SHALL BE ALLOY 6063 T5, FOR HANDRAILS SHALL BE ALLOY 6061 T6. BOLTS, NUTS AND WASHERS SHALL BE ASTM A316 STAINLESS STEEL.



BID SET

	BY	DATE	NO.	DATE	REVISIONS
DESIGNED	E.A.	5/13/20			
DRAWN	CAD	5/15/20			
CHECKED	E.A.	8/19/20			
APPROVED	E.A.	8/19/20			

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City of Boca Raton
WATER TREATMENT PLANT
WASHWATER RECOVERY UPGRADES

WASHWATER RECOVERY BASIN
ALUMINUM SHIP STAIR
PART PLAN, SECTIONS & DETAILS

PROJECT 04-0028
SCALE AS NOTED
BAR IS 1" ON
ORIGINAL DRAWING
DRAWING S-9
SHEET 21 OF 50