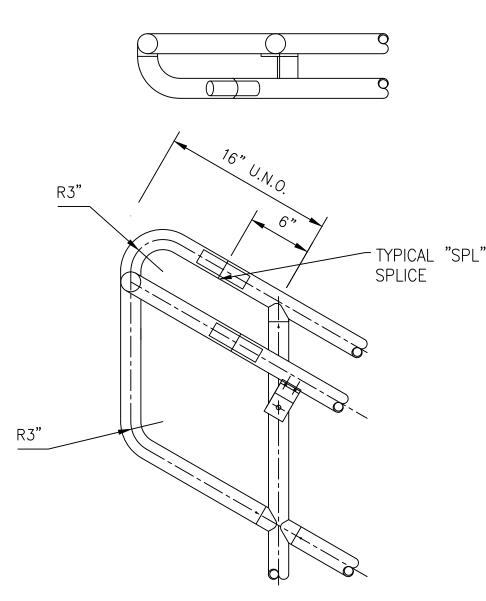
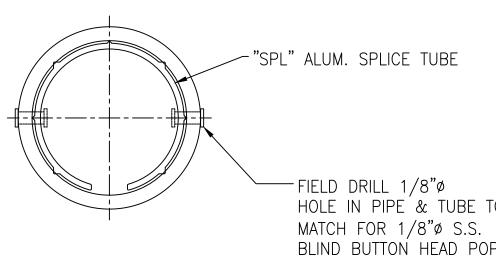


## LEVEL P-END SUB-ASSEMBLE



## **TOP RAKE P-END SUB-ASSEMBL**



## **EXPANSION JOINT & FIELD SPLIC**

(LOCATED AS NEEDED FOR STRUCTURAL STABILITY)

	GENERAL NOTES
	1. ALL RAIL IS TO BE OF MECHANICAL CONSTRUCTION U.N.O.
	2. ALL RAILS ARE TO BE FABRICATED FROM 1 1/2"ø (SCH. 40) ALUMINUM PIPE (6005A–T61 ALLOY) (U.N.O.)
	3. ALL POSTS ARE TO BE FABRICATED FROM 1 1/2"Ø(SCH. 40)ALUMINUM PIPE (6005A-T61 ALLOY)(U.N.O.)
	4. ALL EXTRUDED COMPONENTS ARE 6005A-T61 ALLOY, CAST COMPONENTS ARE 535 ALLOY
	5. ALL FASTENERS (SELF TAPPING SCREWS, MACHINE BOLTS, ADHESIVE ANCHORS, ETC.) TO BE 304 STAINLESS STEEL
	<ol> <li>ALL RAILING SURFACES IN CONTACT WITH CONCRETE OR DISSIMILAR METALS SHALL RECEIVE ONE 1/16" THICK NEOPRENE GASKET (SHIPPED LOOSE FOR FIELD ATTACHMENT)</li> <li>ALL BOLTS, NUTS AND FLAT WASHERS USED TO MOUNT RAILINGS TO FLOORS, WALLS, STEEL,</li> </ol>
	ETC. ARE BY PTP ENGINEERED RAILINGS 8. ALL KICK PLATES ("FKP" OR "SKP) SHALL BE SHIPPED LOOSE IN 24'–0" LG. STOCK
	LENGTHS FOR FIELD CUTTING & DRILLING AS NEEDED
	9. ALL POSTS ARE TO BE FURNISHED CUT TO LENGTH WITH FITTINGS & MOUNTING PLATES ATTACHED OR SHIPPED LOOSE PER THEIR SPECIFIC DETAILS
	10. PIPE FOR STRAIGHT RAIL IS FURNISHED IN 24'-0" STOCK LENGTHS FOR CUTTING & DRILLING AS NEEDED
_	11. PIPE FOR CURVED RAIL IS FURNISHED SUB-ASSEMBLED IN 21'-0" (MAX). ROLLED LENGTHS FOR FIELD CUTTING & DRILLING AS NEEDED ** ALL RADII MUST BE VERIFIED PRIOR TO FABRICATION **
_	12. ALL CURVED RAIL SHALL BE FABRICATED USING CURVED TOP AND INTERMEDIATE RAILS 13. PIPE FOR SINGLE LINE RAIL IS FURNISHED & SHIPPED SUB-ASSEMBLED.
	14. BENDS WITH A 3" C/L RADIUS ARE FURNISHED AS NEEDED & MUST BE FIELD CUT FOR FIELD CONDITIONS
	15. ALL RAIL WHEN PROPERLY INSTALLED SHALL MEET OR EXCEED OSHA REQUIREMENTS.
	16. MAX. POST SPACING TO BE $6'-0'' C/C$
	17. ALL RAIL IS TO BE FINISHED IN ACCORDANCE WITH THE ALUMINUM ASSOCIATION'S DESIGNATION M10C22A41 OR M12C22A41
	18. PIPE FOR CANTILEVER RAILING WILL SHIP LOOSE IN 24–0" STOCK LENGTHS FOR FIELD CUTTING AND DRILLING AS NEEDED
	19. ENSURE ALL FIELD CUTS AND FIELD DRILLED HOLES ARE CLEANED UP, FREE OF SHARP EDGES AND BURRS.
	20. CONCRETE ANCHOR TYPE IS HILTI HIT-RE 500 V3 ADHESIVE ANCHORS. CONCRETE STRENGTH IS ASSUMED TO BE 4000 PSI, NORMAL WEIGHT CRACKED CONCRETE.
	21. ALL DIMENSIONS SHOWN THROUGHOUT THIS SET ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BEFORE FABRICATION AND INSTALLATION
	%% = SEE ERECTION DRAWINGS FOR PART NUMBER
IF	
	1     SUBMITTAL     9/19/2017       REV     DESCRIPTION     DATE
	NOTICE TO CONTRACTOR AND ERECTOR: BACK CHARGES FOR CORRECTIVE WORK OR REPLACEMENT MATERIALS WILL NOT
P RIVET.	ENGINEERED RAILINGS BE ACCEPTED UNLESS AUTHORIZED BY PEAK TO PEAK ENGINEERED RAILINGS, INC. BEFORE SUCH COSTS ARE
	3000 YOUNGFIELD ST. SUITE 275 WHEAT RIDGE, CO 80215 Ph. (720)508-3819 FAX (720)409-3843 STANDARD DETAILS
	CITY, ST ALUMINUM HANDRAIL - RIVET SYSTEM - SUB-ASSEMBLED
~ <b>-</b>	DESIGNER DESIGNER CUSTOMER CUSTOMER DWG TITLE STANDARD DETAILS
CE	CUSTOMER JOB #     XXXX-XX     PRINT DATE     3/13/2020     ISSUE DATE     3/13/2020     CONTRACT NO     DRAWING NO.       DETAILED BY     INT     CHECKER     INT     SCALE     NTS     XXX-XXX     SD-1

