DATE JULY 2014  
PROJECT: TYPICAL RESIDENTIAL GUARDRAIL POST ANCHORAGE DETAILS

TYPICAL RESIDENTIAL GUARDRAIL POST ANCHORAGE DETAILS

JOB NO DRAWN CRW  
CHECKED JKP  
SHEET SS3 OF SS3

8818 COPPER RIDGE DR. CHECKED JKP  
CHILLIWACK, B.C. SHEET SS3 OF SS3 REGAL ALUMINUM PRODUCTS

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14/07/14 ISSUED FOR CONST.

NO: DATE ISSUED/REVISIONS

1 14/07/14 ISSUED FOR CONST.

NOTE:
- ALUMINUM POST & BASE PLATE PROPRIETARY & DESIGNED BY OTHERS
- ALL WOOD MEMBERS TO BE PRESSURE TREATED No.1/No.2 GRADE MINIMUM
- RESPONSIBILITY FOR BASE STRUCTURE TO SUPPORT GUARDRAIL LOADING BY OTHERS

1.5"x1.5" ALUMINUM POST  
BRACKET SLEEVE EXTRUSION

JOINT BETWEEN POST & BRACKET

PRE-ENGINEERED ALUMINUM SIDE MOUNTED BRACKET ASSEMBLY

OPTION 2:
3/8" dia. A325 (GALVANIZED OR EQUIVALENT) THRU BOLT c/w NUT & WASHER & BACKING PLATE

OPTION 1:
TYP 3/8" dia. LAG BOLTS (GALVANIZED OR EQUIVALENT) w/ THREAD LENGTH EMBEDMENT (NOT INCLUDING TIP) OF 6" INTO D.FIR No.1/No.2 (DRY SERVICE CONDITION) (PRE-DRILLED HOLE DO NOT SPLIT WOOD)

MIN. 2-2x10

TYP. DECK JOIST (TYP. 2x10)

BRACKET SLEEVE EXTRUSION

2.5"x2.5" ALUMINUM SLEEVE FULLY WELDED TO ANGLE BRACKET

LICENSED PROFESSIONAL ENGINEER PROVINCE OF ONTARIO

2011/07/14