

| # | QTY. | MATERIAL | DESCRIPTION |
|----|---------|---------------------|--|
| 1 | AS REQ. | ALUMINUM 6061-T6 | 1 1/2" SCH 40 PIPE (1.90" OD) |
| 2 | AS REQ. | ALUMINUM 6061-T6 | 1/4" ROD FORMED HOOPS |
| 3 | AS REQ. | STAINLESS STEEL 304 | 1/2" x 4" SS EYE BOLT |
| 4 | AS REQ. | STAINLESS STEEL 304 | 3/16" PROOF COIL CHAIN |
| 5 | AS REQ. | STAINLESS STEEL 304 | SNAP HOOKS 1 PER CHAIN |
| 6 | AS REQ. | ALUMINUM 6061-T6 | 6" INTERNAL SPLICE CONNECTOR FASTENED WITH SS #66 RIVET |
| 7 | AS REQ. | STAINLESS STEEL 304 | 3/8 X 2 3/4" WEDGE ANCHOR C/W NUT FLAT AND LOCK WASHER |
| 8 | AS REQ. | ALUMINUM 6061-T6 | 6 X 3 X 1/4" BASE PLATES C/W 6 X 3 X 1/8" NEOPRENE ISOLATOR |
| 9 | AS REQ. | ALUMINUM 6061-T6 | 1/4" X 6" KICK PLATE |
| 10 | AS REQ. | ALUMINUM 6061-T6 | 152x76x6.4 BASE PLATES WELDED TO 6" INT. SPLICE CONNECTOR FASTENED TO RAIL WITH SS #66 RIVET |
| 11 | AS REQ. | ALUMINUM 6061-T6 | 6 X 6 X 1/4" BASE PLATES WELDED TO POST |

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NOTE: 1) ALL ALUMINUM SURFACES IN CONTACT WITH CONCRETE SHALL RECEIVE 2 COATS OF BITUMINOUS PAINT.
 2) WELDING SHALL CONFORM TO CSA W47.2 CSA W59.2
 3) GROUND ROUGH EDGES SMOOTH. WELDED SUFACES REMAIN AS WELDED.
 4) GUARDRAIL IS DESIGNED PER OBC 4.1.5.15 TO WITHSTAND A HORIZONTAL 0.75KN/M OR 1KN AND A VERTICAL 1.5KN/M ON TOP RAIL NON-CONCURRENT.

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|------------|------------------|---|
| PROJECT | LOCATION PROJECT | |
| CONTRACTOR | CONTRACTOR | |
| ARCHT/ENGR | ENGINEER | |
| QTY. | PROJECT NO. | # |

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|---|-----|------|----|----------|-----------|----------|
| TITLE | | | | | | |
| ALUMINUM RAILING CWB WELD DETAIL DRAWING | | | | | | |
| REVISION | NO. | DATE | BY | DATE | DWG. BY: | PL. NO. |
| ▲ | | | | 01/10/03 | SCJ | # |
| | | | | SCALE | CHK'D BY: | DWG. NO. |
| | | | | NTS | | ALURAIL |

