

NOTES:

1. STEEL BAR AND ANGLE SHALL BE ASTM A36.
2. HSS (HOLLOW STRUCTURAL SECTION) STEEL SHALL BE ASTM A500 GRADE B.
3. DRILL OVERSIZED HOLES FOR FASTENERS PRIOR TO GALVANIZING AS NOTED BELOW.

FASTENER DIAMETER	DRILLED HOLE DIAMETER	FINISHED HOLE DIAMETER
3/8"	$3/8" + 3/32" = 15/32"$	13/32" TO 7/16"
5/16"	$5/16" + 3/32" = 13/32"$	11/32" TO 3/8"

VERIFY FINISHED HOLE DIAMETER AFTER GALVANIZING AND ADJUST FABRICATION TO CONFORM AS REQUIRED.

4. PRIOR TO GALVANIZING, REMOVE ALL FLASH FROM WELDS, GRIND WELDS SMOOTH, RADIUS ALL SHARP CORNERS, AND REMOVE ALL BURRS FROM DRILLED AND CUT PIECES. DRILL VENT HOLES WHERE SHOWN AS REQUIRED FOR GALVANIZING PROCESS.
5. ALL METAL SHALL BE HOT-DIP GALVANIZED (HDG) AFTER FABRICATION IN ACCORDANCE WITH ASTM A123. WATER QUENCHING OR CHROMATE CONVERSION COATING SHOULD BE AVOIDED AS THESE PROCESSES INTERFERE WITH PAINT ADHESION AND SURFACE PREPARATION. REFER TO ASTM D6386, STANDARD PRACTICE FOR PREPARATION OF ZINC (HOT-DIP GALVANIZED) COATED IRON AND STEEL PRODUCT FOR PAINTING.
6. EXCEPT WHERE NOTED, PRIME AND PAINT ALL METAL "EBRPD BROWN METAL" PER DISTRICT STANDARD PLAN 003, PAINTING AND STAINING SPECIFICATION. PRIMER AND PAINT SHALL BE SUPPLIED BY THE FABRICATOR.



BRACE AND ARMREST- FABRICATION NOTES

DRAWN	CR	KEY	REVISIONS	DATE	APPROVED
CHECKED	RB		ORIGINAL ISSUE	01-05-16	
OPERATIONS	DC				ROB LIM, PE, CHIEF OF DESIGN & CONSTRUCTION
					DATE 1/12/16

STD PLAN

580

SHEET 1 OF 1

NOT TO SCALE