



SHOP NOTE:

- 1) DEBURR & GRIND SMOOTH ALL WELDS & SHARP CORNERS.
- 2) CUT ENDS OF BALLUSTER BARS ON BEVEL AS NEEDED.
- 3) ALL DIMENSIONS FOR THE GRAB RAILS ARE TO THE CENTERLINE OF PIPE UNO.

### Bill of Materials

Shipping PcMk	Qty	Assembly PcMk	Qty	Material Description	Length		Remarks	Weight
					FT	IN		
63HRI	1			RAIL			AS SHOWN	
		a63	1	1 1/2 STD PIPE	10	0	LIN FT	
		a263	1	1 1/4 STD PIPE	12	0	LIN FT	
		b63	1	BAR 2 x 3/8	18	0	LIN FT	
		c63	3	BAR 2 x 3/8	3	6		
		d63	2	BAR 2 x 3/8	3	6		
		e63	16	1/2 SQ BAR	2	7 1/2		
		f63	2	1/2 SQ BAR	2	8 3/4		
		g63	3	1 1/4 STD PIPE 90° ELLS	0	3 1/2		
		h63	3	BAR 2 x 3/8	3	11		
		aa63	8	PL 3/8x3/4	0	3 1/2		

A = MARK ON NS OF PIPE  
 (SAME SIDE AS aa63)

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**LYD-STEEL**  
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PRINT RECORD			Details of _____	
Date	NO.	For	Customer	_____
-/ - /	-	-	Project	DELL DIAMOND
-/ - /	-	-	Location	ROUND ROCK, TEXAS
-/ - /	-	-	Architect	_____
-/ - /	-	-	Drawn	LTS
-/ - /	-	-	Date	12/07/09
-/ - /	-	-	Checked	_____
-/ - /	-	-	Date	_____

Job No. _____	Sheet No. _____
<b>Sample</b>	<b>63</b>