



BOM				
NO.	QTY.	PART NO.	DESCRIPTION	MATERIAL
1	1		PIPE	Ø _____" x _____' _____G.

DIMENSIONS TABLE		
NO.	UNIT	DIMENSION
A	LF	
B	LF	
Ø	IN	
θ°	DEGREES	

**NOTE:**  
 1. ALL WELDS MUST BE REPAIRED (PER ASTM 760)  
 2. FOR ALL ELBOWS FABRICATED FROM ANNULAR PIPE  
 PLEASE NOTE INSTALLED ELBOW ORIENTATION BELOW:  
 VERTICAL       HORIZONTAL

SALES PERSON \_\_\_\_\_

DESCRIPTION: UNIVERSAL ELBOW      PART NO: SEE ABOVE  
 DRAWN BY: C. HOMAN      DATE: JAN 30, 2012      SHEET NO: 1 OF 1      MATERIAL: SEE ABOVE



CUSTOMER APPROVAL SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

5	REVISED NOTES E2015-0312	DMA	08-07-15	DRAWING IS NOT TO SCALE	TOLERANCES	THIS DESIGN IS PROPERTY OF TRUENORTH STEEL. DUPLICATION WITHOUT WRITTEN PERMISSIONS IS STRICTLY PROHIBITED
4	REVISED LAYOUT ECN-157	CH	01-26-12	ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED		
3	REVISED ECN-107	CH	09-07-11	ALL WELDS MUST BE REPAIRED AFTER FABRICATION (PER ASTM 760)	X.XX ± 0.25"	
2	INITIAL RELEASE ECN-013	CH	08-09-11	PIPE LENGTHS HAVE A TOLERANCE OF ± 2"	X.XXX ± 0.13"	
1	RELEASED FOR APPROVAL	CH	08-09-11	PIPE DIAMETERS HAVE A TOLERANCE OF THE GREATER OF ± 1/2" or 1%		
NO.	REVISION	BY	DATE	ALL ANGLES HAVE A TOLERANCE OF ± 3°		