



**NOTES**

1. WHEN REFERRING TO FROG PLATES, PLAN AND PLATE NUMBERS MUST BE STATED TO INDICATE SPECIFIC PLATE REQUIRED.
2. IDENTIFICATION CHARACTERS (1/2" MINIMUM HEIGHT) TO BE STAMPED ON EACH PLATE AS SHOWN.
3. ALL DIMENSIONS ARE IN INCHES.
4. UNLESS OTHERWISE SPECIFIED ALL TOLERANCES TO BE ±1/32
5. TOLERANCES ARE NOT TO EXCEED THOSE INDICATED IN THE GO TOLERANCE DRAWINGS

**MATERIAL**

PLATES TO CONFORM TO THE LATEST REVISION OF A.S.T.M. SPECIFICATION A-36 FOR COMMERCIAL QUALITY HOT ROLLED BAR STEEL CHEMICAL REQUIREMENT.

**PANDROL SHOULDER DETAIL**

	MINIMUM	MAXIMUM
CARBON	0.25 %	0.29 %
MANGANESE	0.60 %	1.20 %
PHOSPHORUS		0.04 %
SULPHUR		0.05 %
SILICON		0.40 %

PLATES	A ±1/8	B ±1/16	C	D	E	F	WEIGHT (LBS.)
FP-419L	35-1/2	34-1/8	28-18/32	22-1/2	5°	17-1/2	57.4
FP-439L	35-1/2	34-1/8	28-26/32	22-3/4	5°	17-5/8	57.4
FP-450L	33-3/4	32-3/8	26-26/32	20-3/4	6°	16-5/8	54.8
FP-451L	35-3/4	34-3/8	28-30/32	22-7/8	6°	18-3/8	57.8
FP-453L	35-1/2	34-1/8	28-22/32	22-5/8	6°	17-5/8	57.4
FP-480L	34	32-5/8	27-13/32	21-5/16	3°	16-3/4	55.2
FP-481L	35	33-5/8	28-13/32	22-5/16	3°	17-1/4	56.7
FP-482L	36	34-5/8	29-13/32	23-5/16	3°	17-3/4	58.2
FP-483L	37	35-5/8	30-13/32	24-5/16	3°	18-1/4	59.7
FP-491L	34-3/4	33-3/8	28-7/32	22-1/8	3°	17-1/4	56.3
FP-492L	36	34-5/8	29-11/32	23-1/4	3°	17-3/4	58.2
FP-493L	37	35-5/8	30-13/32	24-5/16	3°	18-1/2	59.7
FP-513L	39-1/2	38-1/8	32-24/32	26-21/32	3°	19-1/2	63.4
FP-514L	38-1/4	36-7/8	31-17/32	25-7/16	3°	19	61.5
FP-515L	37	35-5/8	30-9/32	24-3/16	3°	18-3/8	59.7
FP-516L	35-3/4	34-3/8	29-1/32	22-15/16	3°	17-3/4	57.8
FP-517L	34-1/2	33-1/8	27-24/32	21-21/32	3°	17	55.9
FP-518L	33-1/4	31-7/8	26-14/32	20-11/32	3°	16-1/2	54.1
FP-523L	33-3/4	32-3/8	26-22/32	20-5/8	4°	16-3/4	54.8
FP-524L	35-1/4	33-7/8	28-2/32	22	4°	17-1/2	57.1
FP-525L	36-1/2	35-1/8	29-14/32	23-3/8	4°	18	58.9
FP-526L	38	36-5/8	30-26/32	24-3/4	4°	18-3/4	61.1
FP-558L	35	33-5/8	28-18/32	22-1.2	4°	17-1/2	56.7
FP-559L	36-3/4	35-3/8	30-9/32	24-7/32	4°	18-1/2	59.3
FP-574L	37	35-5/8	30-16/32	24-13/32	3°	18-3/8	59.7
FP-575L	36	34-5/8	29-18/32	23-15/32	3°	17-5/8	58.2

PLATES	A ±1/8	B ±1/16	C	D	E	F	WEIGHT (LBS.)
FP-576L	35-1/4	33-7/8	28-20/32	22-17/32	3°	17-1/2	57.1
FP-577L	34-1/4	32-7/8	27-21/32	21-9/16	3°	16-7/8	55.6
FP-582L	37	35-5/8	30	23-31/32	7°	17-13/16	59.7
FP-583L	34-1/2	33-1/8	27-20/32	21-19/32	7°	17-1/8	55.9
FP-590L	34-1/2	33-1/8	27-25/32	21-3/4	7°	17-1/4	55.9
FP-668L	36-1/2	35-1/8	29-22/32	23-21/32	7°	18	58.9
FP-670L	35-1/4	33-7/8	27-15/32	21-7/16	7°	17-1/2	57.1
FP-671L	34	32-5/8	27-7/32	21-5/32	6°	16-3/4	55.2
FP-673L	35-3/4	34-3/8	29-6/32	23-1/8	6°	18-3/8	57.8
FP-679L	35-3/4	34-3/8	28-29/32	22-27/32	5°	18-3/8	57.8
FP-818L	33-3/4	32-3/8	27-1/4	21-5/32	4°	16-7/8	59.0
FP-813L	34	32-5/8	27-1/2	21-13/32	4°	17	59.0

**METRIC CONVERSION: 1 inch=25.4mm, 1 foot=304.8mm**

1	18/07/27	ADDED IMPERIAL TO METRIC CONVERSION NOTE
No.	Date	Revision
		By Approved

Standard / **FROG PLATES LEFT HAND**

Drawn RFP Checked GGS Approved *[Signature]*  
VP Engineering & Asset Management



Date SEPT 15/2017 Plan Number GTS-0547 Rev 1