INFRASTEEL
Permanent Culvert Rehabilitation Systems

INFRASTEEL SMOOTH WALL CARBON STEEL CULVERT LINER

THE SIZES SHOWN ARE INTENDED TO BE USED AS A GUIDELINE. SPECIFIC SHAPES AND SIZES ARE MANUFACTURED PER OUR CUSTOMERS REQUIREMENTS.

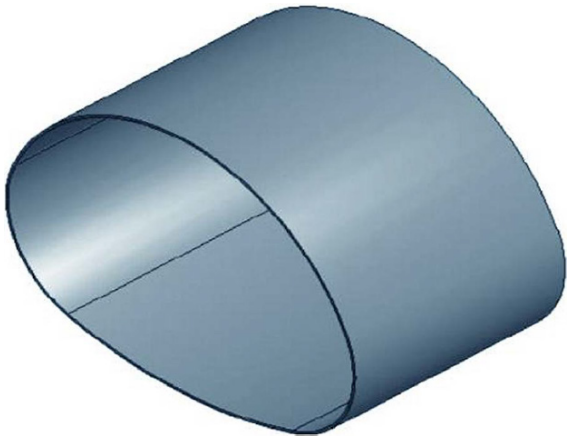
PRECISION
PIPE & PRODUCTS, INC.
A cut above the rest.

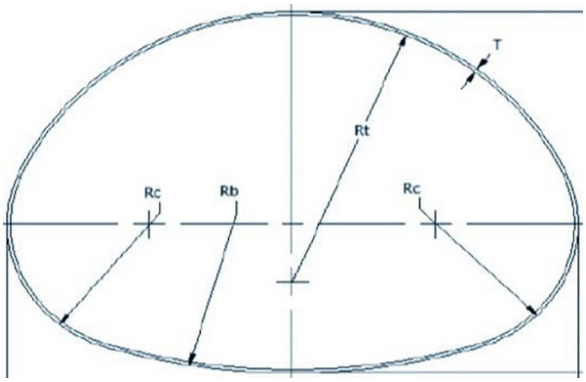
www.infrasteel.com I www.precisionpipe.com

InfraSteel Arch Pipe Liner

Span 72” - 138”

Part #	Span (in)	Rise (in)	Flow Area (sq ft)	Wt/Ft (lbs)
A072052	72	52	19.78	333
A074053	74	53	20.73	341
A076054	76	54	21.71	350
A078056	78	56	23.13	360
A080057	80	57	24.16	369
A082058	82	58	25.21	377
A084059	84	59	26.27	386
A086061	86	61	27.86	397
A088062	88	62	28.98	405
A090063	90	63	30.13	413
A092064	92	64	31.29	422
A094066	94	66	33.03	433
A096067	96	67	34.25	441
A098068	98	68	35.49	450
A100069	100	69	36.75	458
A102070	102	70	38.03	466
A103071	103	71	38.99	472
A104072	104	72	39.96	477
A106073	106	73	41.29	486
A108057	108	57	32.80	454
A108074	108	74	42.65	494
A110075	110	75	44.03	503
A112076	112	76	45.42	511
A114077	114	77	46.84	519
A116079	116	79	48.99	530
A118080	118	80	50.46	539
AI20081	120	81	51.95	547
AI22082	122	82	53.47	556
AI24083	124	83	55.00	564
AI26084	126	84	56.55	572
AI28085	128	85	58.13	581
A130086	130	86	59.73	589
A131081	131	81	56.21	578
A132087	132	87	61.34	597
A134089	134	89	63.81	609
A136090	136	90	65.48	617
A138091	138	91	67.1	625





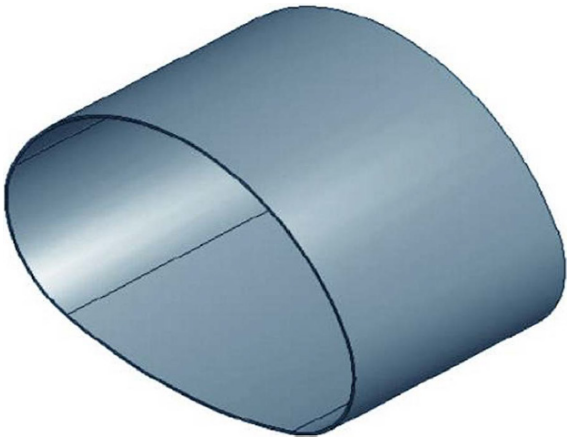
- **MATERIAL TYPE:** IfraStell 242 or A36, smooth wall carbon steel.
- **MANNING’S COEFFICIENT:** 0.012
- **STANDARD:** Wall Thickness .500”. Lengths 8 to 10 ft.
- **SPECIALS:** Wall Thickness up to 2.00”.
- **INFRASTEEL LINER SIZE AND SHAPE:** Engineered to maximize area of flow based on field measurements

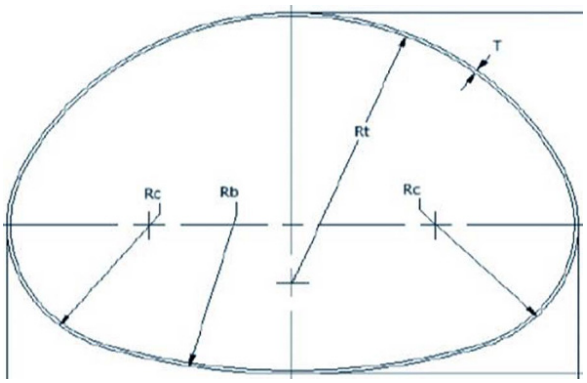
Specific rise and span dimensions are manufactured based on project requirements.

InfraSteel Arch Pipe Liner

Span 140” – 204”

Part #	Span (in)	Rise (in)	Flow Area (sq ft)	Wt/Ft (lbs)
A140092	140	92	68.88	634
A142093	142	93	70.62	642
A144089	144	89	67.99	636
A144094	144	94	72.37	650
A146095	146	95	74.15	659
A148096	148	96	75.94	667
A150097	150	97	77.76	675
A152098	152	98	79.59	684
A154099	154	99	81.45	692
A156100	156	100	83.33	701
A158101	158	101	85.23	709
A160102	160	102	87.15	717
A162090	162	90	76.64	691
A162099	162	99	85.12	714
A162103	162	103	89.09	726
A164104	164	104	91.05	734
A166105	166	105	93.03	742
A168106	168	106	95.03	751
A170107	170	107	97.06	759
A172108	172	108	99.10	767
A174109	174	109	101.17	776
A176110	176	110	103.25	784
A178111	178	111	105 36	793
A180111	180	111	106.37	798
A182112	182	112	108.51	806
A184113	184	113	110.66	815
A186114	186	114	112.84	823
A188115	188	115	115.04	831
A190116	190	116	117.26	840
A192117	192	117	119.50	848
A194118	194	118	121.76	857
A196119	196	119	124.04	865
A198119	198	119	125.12	870
A200120	200	120	127.43	879
A202121	202	121	129.76	887
A204122	204	122	132.11	895





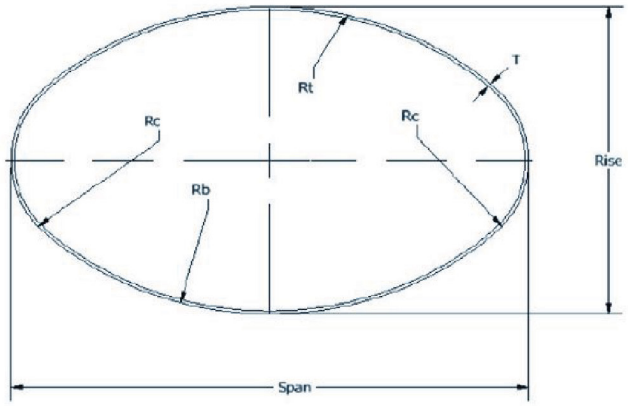
- **MATERIAL TYPE:** InfraSteel 242 or A36, smooth wall carbon steel.
- **MANNING’S COEFFICIENT:** 0.012
- **STANDARD:** Wall Thickness .500”. Lengths 8 to 10 Ft.
- **SPECIALS:** Wall Thickness up to 2.00”.
- **INFRASTEEL LINER SIZE AND SHAPE:** Engineered to maximize area of flow based on field measurements.

Specific rise and span dimensions are manufactured based on project requirements.

InfraSteel Elliptical Pipe Liner

Span 60” - 118”

Part #	Span (in)	Rise (in)	Flow Area (sq ft)	Wt/Ft (lbs)
E060041	60	41	41	275
E062042	62	42	42	283
E064043	64	43	43	291
E066045	66	45	45	299
E068046	68	46	46	310
E070048	70	48	48	320
E072049	72	49	49	329
E074050	74	50	50	337
E076052	76	52	52	347
E078053	78	53	53	355
E080054	80	54	54	363
E082056	82	56	56	374
E084057	84	57	57	382
E086058	86	58	58	390
E088060	88	60	60	401
E090061	90	61	61	409
E092062	92	62	62	417
E094064	94	64	64	427
E096065	96	65	65	436
E098067	98	67	67	446
E100068	100	68	68	454
E102069	102	69	69	462
E104071	104	71	71	473
E106072	106	72	72	481
E108073	108	73	73	489
E110075	110	75	75	500
E112076	112	76	76	508
E114077	114	77	77	516
E116079	116	79	79	526
E118080	118	80	80	535



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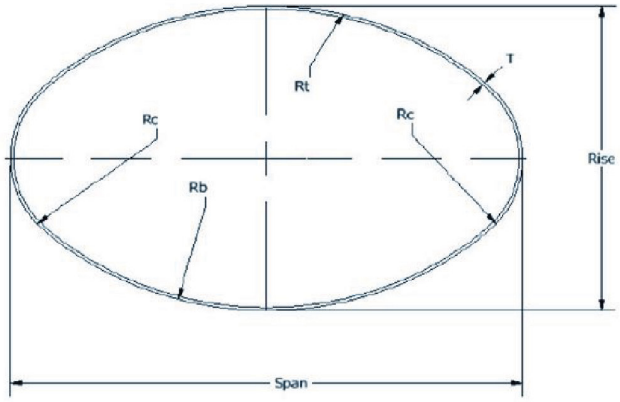
- **MANNING’S COEFFICIENT:** 0.012
- **STANDARD:** Wall Thickness .500”. Lengths 8 to 10 Ft.
- **SPECIALS:** Wall Thickness up to 2.00”.
- **INFRASTEEL LINER SIZE AND SHAPE:** Engineered to maximize area of flow based on field measurements.

Specific rise and span dimensions are manufactured based on project requirements.

InfraSteel Elliptical Pipe Liner

Span 120” - 180”

Part #	Span (in)	Rise (in)	Flow Area (sq ft)	Wt/Ft (lbs)
E120081	120	81	52.05	543
E122083	122	83	54.23	553
E124084	124	84	55.79	561
E126086	126	86	58.04	572
E128087	128	87	59.66	580
E130088	130	88	61 .30	588
E132090	132	90	63.66	599
E134091	134	91	65.36	607
E136092	136	92	67.07	615
E138094	138	94	69.54	626
E140095	140	95	71.31	634
E142096	142	96	73.11	642
E144098	144	98	75.68	652
E146099	146	99	77.53	661
E148100	148	100	79.40	669
E150102	150	102	82.08	679
E152103	152	103	84.00	688
E154105	154	105	86.76	698
E156106	156	106	88.74	706
E158107	158	107	90.74	715
E160109	160	109	93.61	725
E162110	162	110	95.66	733
E164111	164	111	97.74	741
E166113	166	113	100.71	752
E168114	168	114	102.85	760
E170115	170	115	105.00	768
E172117	172	117	108.08	779
E174118	174	118	110.29	787
E176120	176	120	113.44	798
E178121	178	121	115.71	806
E180122	180	122	118.00	814



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- **STANDARD:** Wall Thickness .500”. Lengths 8 to 10 Ft.
- **SPECIALS:** Wall Thickness up to 2.00”.
- **INFRASTEEL LINER SIZE AND SHAPE:** Engineered to maximize area of flow based on field measurements

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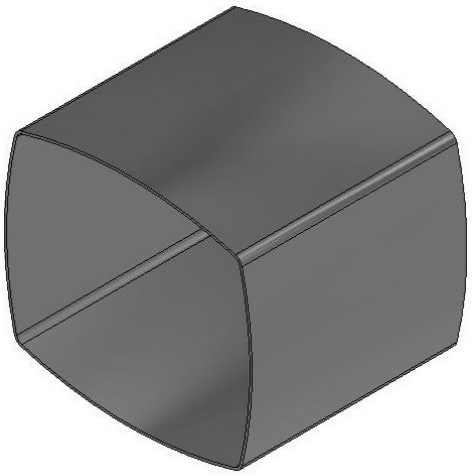
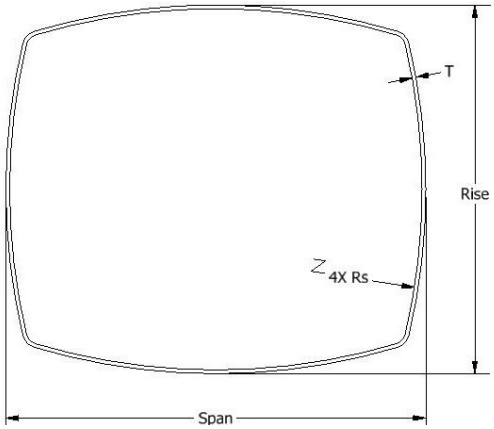
InfraSteel MAXBOXX

Span 32” – 92”

Part #	Span (in)	Rise (in)	Flow Area (sq ft)	Wt/Ft (lbs)
F032020	32	20	3.7	153
F032032	32	32	6.19	192
F044020	44	20	4.91	187
F044032	44	32	8.51	228
F044044	44	44	11.93	266
F054043	54	43	14.28	263
F056032	56	32	10.64	293
F056044	56	44	15.17	263
F056056	56	56	19.52	340
F068032	68	32	12.59	296
F068044	68	44	18.22	337
F068056	68	56	23.68	376
F068068	68	68	28.96	414
F080044	80	44	21.1	372
F080056	80	56	27.67	412
F080068	80	68	34.06	450
F080080	80	80	40.27	488
F092044	92	44	23.8	406
F092056	92	56	31.47	446
F092068	92	68	38.97	486
F092080	92	80	46.29	524
F092092	92	92	53.43	562





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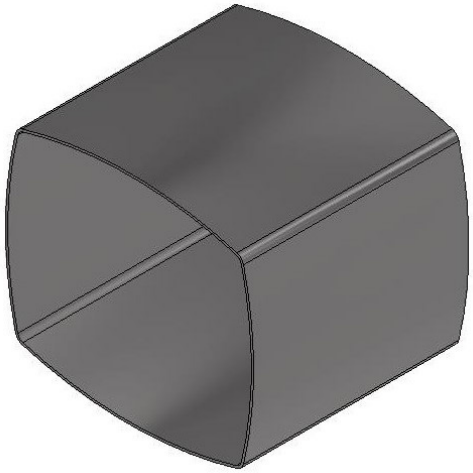
- **SPECIALS: Wall Thickness up to 2.00”.**
- **INFRASTEEL LINER SIZE AND SHAPE:** Engineered to maximize area of flow based on field measurements

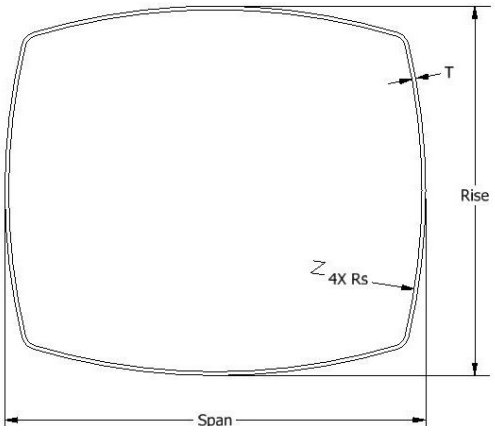
Specific rise and span dimensions are manufactured based on project requirements.

InfraSteel MAXBOXX

Span 104” – 140”

Part #	Span (in)	Rise (in)	Flow Area (sq ft)	Wt/Ft (lbs)
F104056	104	56	35.09	481
F104068	104	68	43.7	521
F104080	104	80	52.13	560
F104092	104	92	60.38	598
F104104	104	104	68.45	636
F116056	116	56	38.54	515
F116068	116	68	48.25	556
F116080	116	80	57.79	595
F116092	116	92	67.15	634
F116104	116	104	76.33	672
F116116	116	116	85.32	710
F128044	128	44	30.83	505
F128068	128	68	52.62	590
F128092	128	92	73.74	670
F128116	128	116	94.14	746
F128128	128	128	104.06	784
F140044	140	44	32.82	538
F140068	140	68	56.81	624
F140092	140	92	80.14	705
F140116	140	116	102.76	782
F140140	140	140	124.65	858





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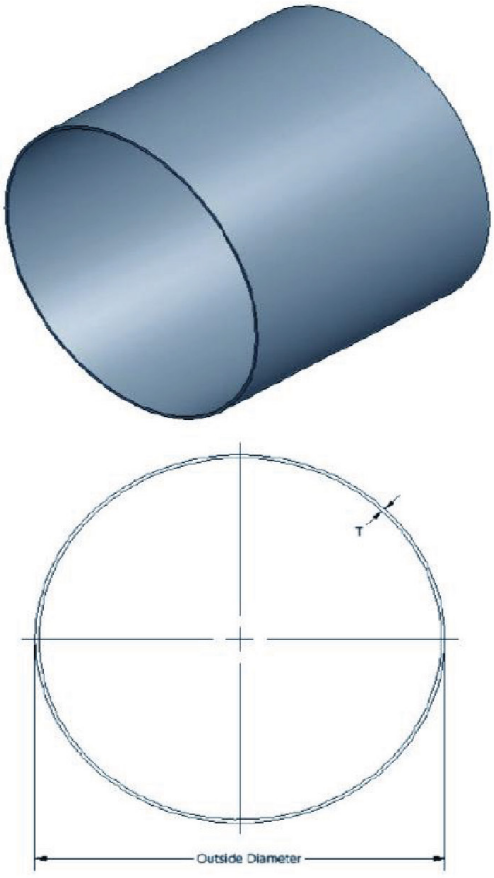
- **MANNING’S COEFFICIENT:** 0.012
- **STANDARD:** Wall Thickness .500”. Lengths 8 to 10 Ft.
- **SPECIALS:** Wall Thickness up to 2.00”.
- **INFRASTEEL LINER SIZE AND SHAPE:** Engineered to maximize area of flow based on field measurements

Specific rise and span dimensions are manufactured based on project requirements.

InfraSteel Round Pipe Liner

36” - 94” Diameter

Part #	Diam (in)	Flow Area (sq ft)	Wt/Ft (lbs)
R036	36	6.68	90
R038	38	7.47	200
R040	40	8.30	211
R042	42	9.17	222
R044	44	10.08	233
R046	46	11.04	243
R048	48	12.05	254
R050	50	13.10	265
R052	52	14.19	275
R054	54	15.32	286
R056	56	16.50	297
R058	58	17.72	307
R060	60	18.99	318
R062	62	20.29	329
R064	64	21.65	339
R066	66	23.04	350
R068	68	24.48	361
R070	70	25.97	372
R072	72	27.49	382
R074	74	29.07	393
R076	76	30.68	404
R078	78	32.34	414
R080	80	34.04	425
R082	82	35.78	436
R084	84	37.57	446
R086	86	39.41	457
R088	88	41.28	468
R090	90	43.20	478
R092	92	45.17	489
R094	94	47.17	500



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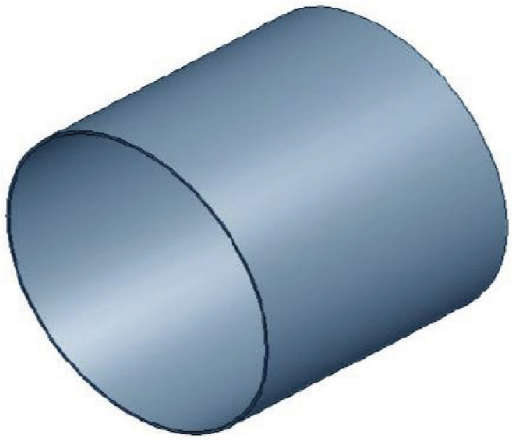
- **MANNING’S COEFFICIENT:** 0.012
- **STANDARD:** Wall Thickness .500”. Lengths 8 to 10 Ft.
- **SPECIALS:** Wall Thickness up to 2.00”.
- **INFRASTEEL LINER SIZE AND SHAPE:** Engineered to maximize area of flow based on field measurements

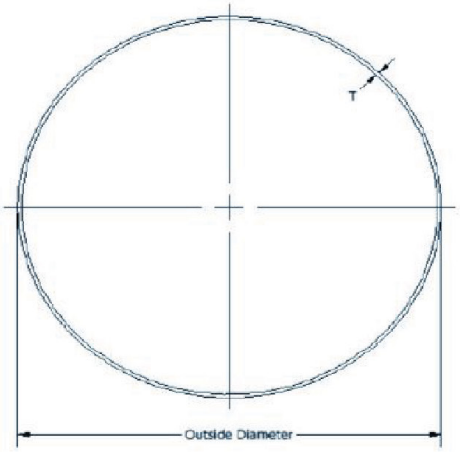
Specific rise and span dimensions are manufactured based on project requirements.

InfraSteel Round Pipe Liner

96" - 144" Diameter

Part #	Diam (in)	Flow Area (sq ft)	Wt/Ft (lbs)
R096	96	49.22	511
R098	98	51.32	521
R100	100	53.46	532
R102	102	55.64	543
R104	104	57.86	553
R106	106	60.13	564
R108	108	62.44	575
R110	110	64.80	585
R112	112	67.20	596
R114	114	69.64	607
R116	116	72.13	617
R118	118	74.66	628
R120	120	77.24	639
R122	122	79.85	650
R124	124	82.52	660
R126	126	85.22	671
R128	128	87.97	682
R130	130	90.76	692
R132	132	93.60	703
R134	134	96.48	714
R136	136	99.40	724
R138	138	102.37	735
R140	140	105.38	746
R142	142	108.43	756
R144	144	111.53	767





wall carbon steel.

- **MANNING'S COEFFICIENT:** 0.012
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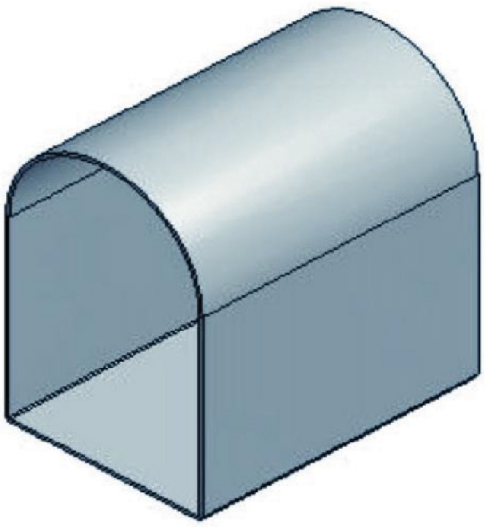
- **SPECIALS:** Wall Thickness up to 2.00".
- **INFRASTEEL LINER SIZE AND SHAPE:** Engineered to maximize area of flow based on field measurements

Specific rise and span dimensions are manufactured based on project requirements.

InfraSteel Liner for Top Arch Culvert



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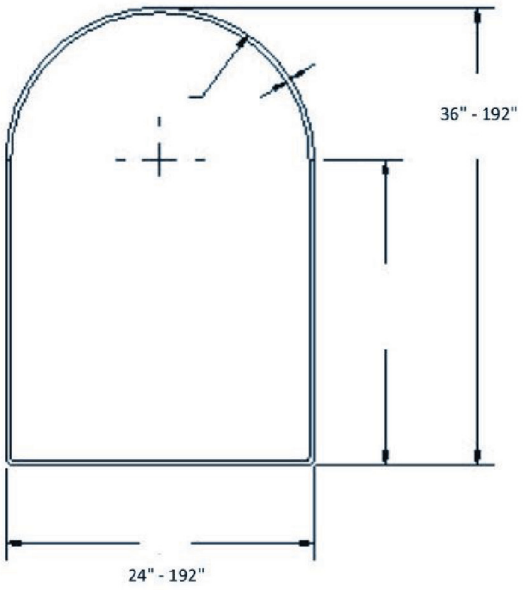
- **MANNING'S COEFFICIENT:** 0.012



- **INFRASTEEL LINER SIZE AND SHAPE:** Engineered for load bearing requirements and to maximize area of flow based on field measurements

Specific rise and span dimensions are manufactured based on project requirements.