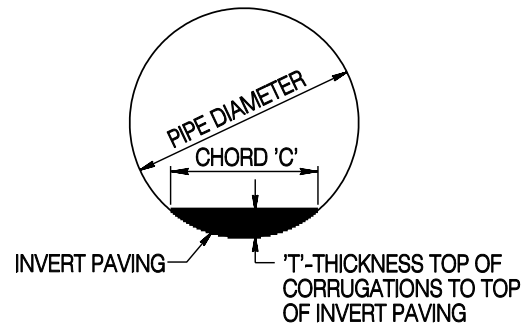


**CORRUGATED METAL PIPE**



CORRUGATED METAL AND ROUND CORRUGATED STRUCTURAL PLATE PIPE							
PIPE DIAMETER STRUCTURAL PLATE PIPE	PIPE DIAMETER CMP	CHORD 'C'	THICKNESS 'T'	CORRUGATIONS			
				2-2/3 IN x 1/2 IN	3 IN x 1IN	6 IN x 2 IN	9 IN x 2 1/2 IN
IN	IN	IN	IN	INVERT PAVING (CU YDS PER LIN FT)			
60	60	30	4.0	0.02	0.03	0.03	-
66	66	33	4.4	0.03	0.03	0.03	-
72	72	36	4.8	0.03	0.04	0.04	-
78	78	39	5.2	0.04	0.04	0.05	0.05
84	84	42	5.6	0.04	0.05	0.05	0.06
90	90	45	6.0	-	0.05	0.06	0.07
96	96	48	6.4	-	0.06	0.07	0.07
102	102	51	6.8	-	0.07	0.07	0.08
108	108	54	7.2	-	0.08	0.08	0.09
114	114	57	7.6	-	0.08	0.09	0.10
120	120	60	8.0	-	0.09	0.10	0.10
126		63	8.4	-	-	0.11	0.11
132		66	8.8	-	-	0.12	0.12
138		69	9.2	-	-	0.13	0.13
144		72	9.7	-	-	0.14	0.15
150		72	9.2	-	-	0.13	0.14
156		72	8.8	-	-	0.13	0.13
162		72	8.4	-	-	0.12	0.13
168		72	8.1	-	-	0.12	0.12
174		72	7.8	-	-	0.12	0.12
180		72	7.5	-	-	0.11	0.12

NOTE: C = 1/2 DIAMETER FOR DIAMETERS LESS THAN OR EQUAL TO 138 IN  
C = 72 in FOR DIAMETERS GREATER THAN 138 IN

CORRUGATED METAL AND ROUND CORRUGATED STRUCTURAL PLATE PIPE							
PIPE DIAMETER STRUCTURAL PLATE PIPE	PIPE DIAMETER CMP	CHORD 'C'	THICKNESS 'T'	CORRUGATIONS			
				[68 x 13]	[76 x 25]	[152 x 51]	[230 x 64]
mm	mm	mm	mm	INVERT PAVING (m³/m)			
1500	1500	760	100	0.05	0.08	0.08	-
1655	1650	840	110	0.08	0.08	0.08	-
1810	1800	910	120	0.08	0.10	0.10	-
1965	1950	990	130	0.10	0.10	0.13	0.13
2120	2100	1070	140	0.10	0.13	0.13	0.15
2275	2250	1140	150	-	0.13	0.15	0.18
2430	2400	1220	160	-	0.15	0.18	0.18
2585	2550	1300	170	-	0.18	0.18	0.20
2740	2700	1370	180	-	0.20	0.20	0.23
2895	2850	1450	190	-	0.20	0.23	0.25
3050	3000	1520	200	-	0.23	0.25	0.25
3205		1600	210	-	-	0.28	0.28
3360		1680	220	-	-	0.30	0.30
3515		1750	230	-	-	0.33	0.33
3670		1830	250	-	-	0.35	0.38
3825		1830	230	-	-	0.33	0.35
3980		1830	220	-	-	0.33	0.33
4135		1830	210	-	-	0.30	0.33
4290		1830	210	-	-	0.30	0.30
4445		1830	200	-	-	0.30	0.30
4600		1830	190	-	-	0.28	0.30

NOTE: C = APPROX. 1/2 DIAMETER FOR DIAMETERS LESS THAN OR EQUAL TO 3515  
C = APPROX. 1830 FOR DIAMETERS GREATER THAN 3515

M  
E  
T  
R  
I  
C  
T  
A  
B  
L  
E

Designed by: PPB  
Drawn by: KAP  
Checked by: RRC  
Previous Dep. No.  
614-03A

ROUND PIPE

Note: Units shown in brackets [ ] are metric and are in millimeters (mm) unless other units are shown.



CONCRETE INVERT PAVING

STANDARD PLAN

STANDARD PLAN NUMBER

614-2

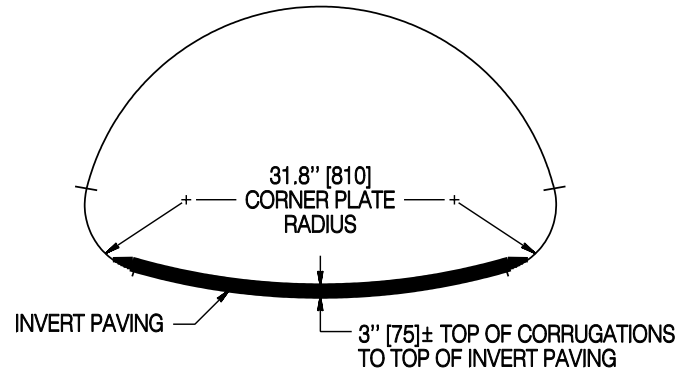
SHEET 1 of 3

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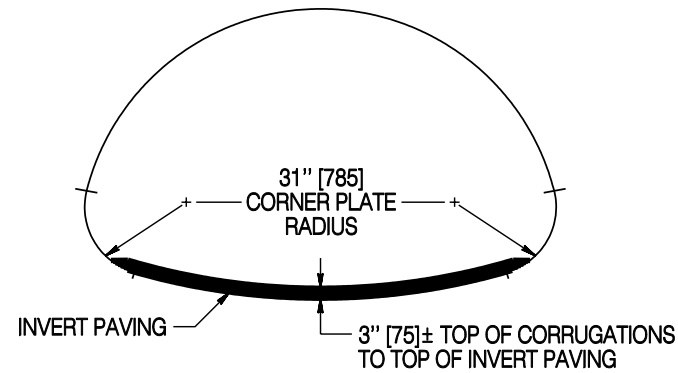
**CORRUGATED ALUMINUM  
STRUCTURAL PLATE PIPE-ARCH**



**CORRUGATED ALUMINUM STRUCTURAL PLATE PIPE-ARCH  
9 IN x 2 1/2 IN [230 x 64] CORRUGATIONS**

SPAN		RISE		INVERT PAVING	
IN	mm	IN	mm	(CU. YDS. PER LIN. FT.)	m³/m
79	2010	68	1730	0.05	0.13
83	2110	69	1750	0.06	0.15
87	2210	71	1800	0.06	0.15
93	2360	72	1830	0.06	0.15
97	2460	73	1850	0.07	0.18
101	2570	75	1910	0.07	0.18
106	2690	76	1930	0.08	0.20
111	2820	77	1960	0.08	0.20
115	2920	78	1980	0.09	0.23
119	3020	80	2030	0.09	0.23
123	3120	81	2060	0.10	0.25
129	3280	82	2080	0.10	0.25
133	3380	84	2130	0.11	0.28
137	3480	85	2160	0.11	0.28
141	3580	86	2180	0.12	0.30
147	3730	87	2210	0.12	0.30
151	3840	89	2260	0.13	0.33
155	3940	90	2290	0.13	0.33
157	3990	98	2490	0.14	0.35
157	3990	100	2540	0.14	0.35
167	4240	101	2570	0.15	0.38
168	4270	103	2620	0.15	0.38
167	4240	113	2870	0.16	0.40
171	4340	115	2920	0.16	0.40
176	4470	116	2950	0.16	0.40
179	4540	118	3000	0.17	0.43
184	4670	120	3050	0.17	0.43
187	4750	122	3100	0.17	0.43
193	4900	124	3150	0.18	0.45
196	4980	126	3200	0.18	0.45
201	5110	128	3250	0.19	0.48
204	5180	130	3300	0.19	0.48
207	5260	132	3350	0.19	0.48
213	5410	134	3400	0.19	0.48
216	5490	136	3450	0.20	0.50
221	5610	138	3510	0.20	0.50
224	5690	140	3560	0.20	0.50
230	5840	141	3580	0.21	0.53
233	5920	143	3630	0.21	0.53
238	6050	145	3680	0.22	0.55
241	6120	147	3730	0.22	0.55
241	6120	150	3810	0.22	0.55
250	6350	151	3840	0.22	0.55
253	6430	153	3890	0.23	0.58
258	6550	155	3940	0.23	0.58

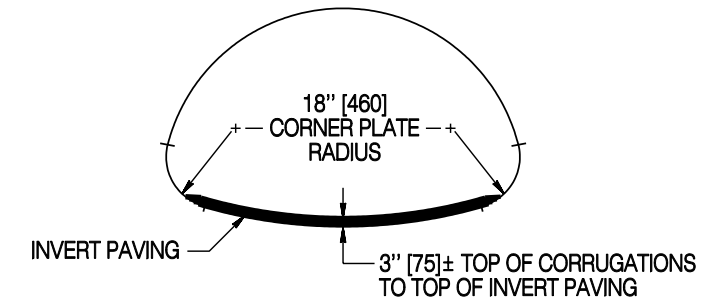
**CORRUGATED STEEL  
STRUCTURAL PLATE PIPE-ARCH**



**CORRUGATED STEEL STRUCTURAL PLATE PIPE-ARCH  
6 IN x 2 IN [152 x 51] CORRUGATIONS**

SPAN		RISE		INVERT PAVING	
IN	mm	IN	mm	CU. YDS. PER LIN. FT.	m³/m
162	4110	114	2900	0.12	0.30
168	4270	116	2950	0.13	0.33
170	4320	118	3000	0.13	0.33
173	4390	120	3050	0.14	0.35
179	4550	122	3100	0.14	0.35
184	4670	124	3150	0.15	0.38
187	4750	126	3200	0.15	0.38
190	4830	128	3250	0.15	0.38
195	4950	130	3300	0.16	0.40
198	5030	132	3350	0.16	0.40
204	5180	134	3400	0.16	0.40
206	5230	136	3450	0.16	0.40
209	5310	138	3510	0.16	0.40
215	5460	140	3560	0.17	0.43
217	5510	142	3610	0.17	0.43
223	5660	144	3660	0.17	0.43
225	5720	146	3710	0.18	0.45
231	5870	148	3760	0.18	0.45
234	5940	150	3810	0.18	0.45
236	5990	152	3860	0.18	0.45
239	6070	154	3910	0.19	0.48
245	6220	156	3960	0.19	0.48
247	6270	158	4010	0.19	0.48

**CORRUGATED STEEL  
STRUCTURAL PLATE PIPE-ARCH**



**CORRUGATED STEEL STRUCTURAL PLATE PIPE-ARCH  
6 IN x 2 IN [152 x 51] CORRUGATIONS**

SPAN		RISE		INVERT PAVING	
IN	mm	IN	mm	CU. YDS. PER LIN. FT.	m³/m
73	1850	55	1400	0.05	0.13
76	1930	57	1450	0.05	0.13
81	2060	59	1500	0.06	0.15
84	2130	61	1550	0.07	0.18
87	2210	63	1600	0.07	0.18
92	2340	65	1650	0.08	0.20
95	2410	67	1700	0.08	0.20
98	2490	69	1750	0.08	0.20
103	2620	71	1800	0.09	0.23
106	2690	73	1850	0.09	0.23
112	2840	75	1910	0.09	0.23
114	2900	77	1960	0.10	0.25
117	2970	79	2010	0.10	0.25
123	3120	81	2060	0.11	0.28
128	3250	83	2110	0.11	0.28
131	3330	85	2160	0.12	0.30
137	3480	87	2210	0.12	0.30
139	3530	89	2260	0.12	0.30
142	3610	91	2310	0.13	0.33
148	3760	93	2360	0.13	0.33
150	3810	95	2410	0.13	0.33
152	3860	97	2460	0.14	0.35
154	3910	100	2540	0.14	0.35

Designed by: PPB  
 Drawn by: KAP  
 Checked by: RRC  
 Previous Dep. No.  
 614-03A

**STRUCTURAL PLATE PIPE - ARCH**

Note: Units shown in brackets [ ] are metric and are in millimeters (mm) unless other units are shown.



**CONCRETE INVERT PAVING**

**STANDARD PLAN**

STANDARD PLAN NUMBER

**614-2**

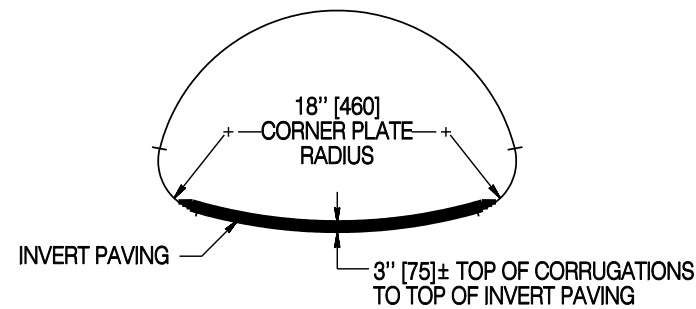
SHEET 2 of 3

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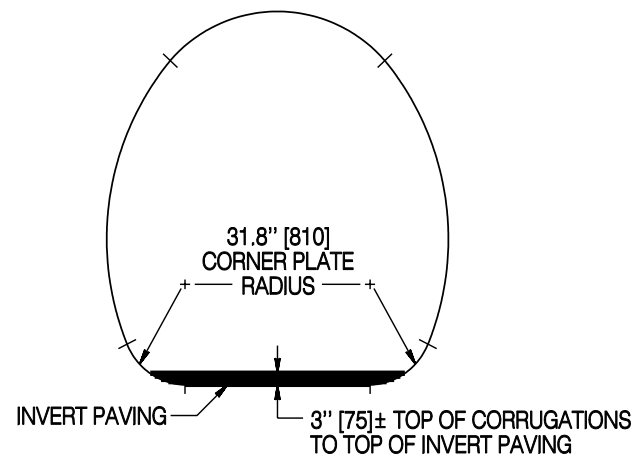
**CORRUGATED STEEL PIPE-ARCH**



**CORRUGATED STEEL PIPE-ARCH  
3 IN x 1 IN [76 x 25] CORRUGATIONS**

SPAN		RISE		INVERT PAVING	
IN	mm	IN	mm	CU YDS PER LIN FT	m <sup>3</sup> /m
73	1825	55	1375	0.05	0.13
81	2025	59	1475	0.06	0.15
87	2175	63	1575	0.06	0.15
95	2375	67	1675	0.07	0.18
103	2575	71	1775	0.08	0.20
112	2800	75	1875	0.09	0.23
117	2925	79	1975	0.09	0.23
128	3200	83	2075	0.10	0.25
137	3425	87	2175	0.11	0.28
142	3550	91	2275	0.11	0.28

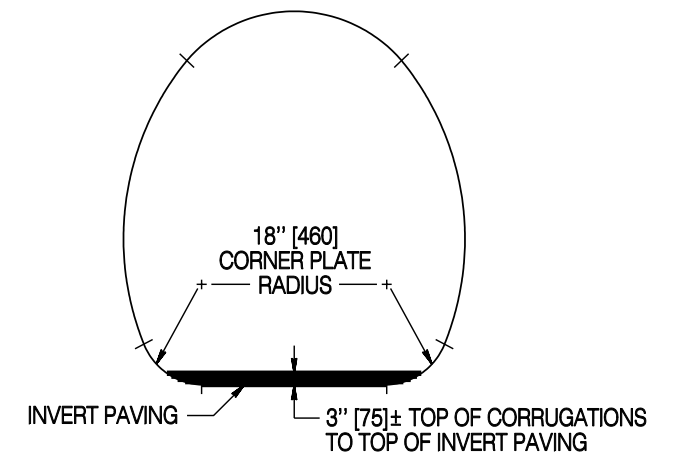
**CORRUGATED ALUMINUM  
STRUCTURAL PLATE  
STOCK PASS**



**CORRUGATED ALUMINUM STRUCTURAL PLATE STOCK PASS  
9 IN x 2 1/2 IN [230 x 64] CORRUGATIONS**

SPAN		RISE		INVERT PAVING	
IN	mm	IN	mm	CU YDS PER LIN FT	m <sup>3</sup> /m
74	1880	84	2130	0.05	0.13
73	1850	94	2390	0.05	0.13

**CORRUGATED STEEL  
STRUCTURAL PLATE  
STOCK PASS**



**CORRUGATED STEEL STRUCTURAL PLATE STOCK PASS  
6 IN x 2 IN [152 x 51] CORRUGATIONS**

SPAN		RISE		INVERT PAVING	
IN	mm	IN	mm	CU YDS PER LIN FT	m <sup>3</sup> /m
68	1730	78	1980	0.05	0.13
70	1780	92	2340	0.05	0.13

Designed by: PPB  
 Drawn by: KAP  
 Checked by: RRC  
 Previous Dwg. No.  
 614-03A

**CORRUGATED STEEL PIPE ARCH AND  
STRUCTURAL PLATE STOCK PASSES**

Note: Units shown in brackets [ ] are metric and are in millimeters (mm) unless other units are shown.



**CONCRETE INVERT PAVING**

STANDARD PLAN

STANDARD PLAN NUMBER

**614-2**

SHEET 3 of 3

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