



WEAVER CONSTRUCTION MANAGEMENT, INC.
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 Englewood, CO 80110
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SUBMITTAL TRANSMITTAL

November 21, 2011
WCM Submittal No: 05500-006

PROJECT: Harold Thompson Regional WRF
 Birdsall Rd.
 Fountain, CO 80817
 Job No. 2908

ENGINEER: GMS, Inc.
 611 No. Weber St., #300
 Colorado Springs, CO 80903
 719-475-2935 Roger Sams

OWNER: Lower Fountain Metropolitan
 Sewage Disposal District
 901 S. Santa Fe Ave.
 Fountain, CO 80817
 719-382-5303 James Heckman

CONTRACTOR: Weaver Construction Management

SUBJECT: Stainless Steel Unistrut® - Concrete Insert P3370 to be embedded at bottom of concrete struts in P&D Bldg. See B on PD-4

SPEC SECTION: 05500 - Metal Fabrications

PREVIOUS SUBMISSION DATES: none

DEVIATIONS FROM SPEC: ___ YES X NO

CONTRACTOR'S STAMP: This submittal has been reviewed by WCM and approved with respect to the means, methods, techniques, & safety precautions & programs incidental thereto. Weaver General Construction also warrants that this submittal complies with contracted documents and comprises on deviations thereto:

<p>Contractor's Stamp:</p> <p>Date: 11/21/11</p> <p>Reviewed by: H.C. Myers <input checked="" type="checkbox"/> Reviewed Without Comments <input type="checkbox"/> Reviewed With Comments</p> <p>ENGINEER'S COMMENTS: _____</p>	<p>Engineer's Stamp:</p>
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LOAD CHART BY LENGTH

Part Number	Insert Length In (mm)	Wt/100 ft Lbs (kg)	Anchor Spacing In (mm)	Max. Allowable Point Load Lbs (kN)	Min. Spacing Between Pt. Loads In (mm)	Max. Allowable Uniform Load Lbs (kN)
P3249	3	85 39.6	3 76	500 2.22	-	500 2.22
P3349	36	68 30.8	3 76	400 1.78	-	400 1.78
P3250	4	100 45.4	4 102	800 3.56	-	800 3.56
P3350	152	81 36.7	4 102	500 2.22	-	500 2.22
P3251	6	130 59.0	6 152	1,000 4.45	-	1,000 4.45
P3351	152	102 45.3	6 152	750 3.34	-	750 3.34
P3252	8	159 72.1	8 203	1,200 5.34	-	1,200 5.34
P3352	203	122 55.3	8 203	1,000 4.45	-	1,000 4.45
P3754		210 95.3	8 203	2,500 11.12	3 76	5,000 22.24
P3253	12	227 103.0	4 102	2,000 8.90	-	2,000 8.90
P3353	335	174 78.9	4 102	1,500 6.67	-	1,500 6.67
P3254	16	270 122.6	4 102	2,000 8.90	12 305	4,000 17.79
P3354	436	185 83.9	4 102	1,500 6.67	12 305	3,000 13.3
P3255	20	357 161.9	4 102	2,000 8.90	12 305	4,000 17.79
P3355	508	231 104.8	4 102	1,500 6.67	12 305	3,000 13.32
P3256	24	399 181.0	4 102	2,000 8.90	12 305	4,000 17.79
P3356	610	277 125.6	4 102	1,500 6.67	12 305	3,000 13.34

CONTINUOUS CONCRETE INSERT LOAD CHART
Up to 20 Ft. (6.10m)

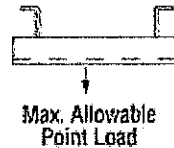
Part Number	Wt/100 ft Lbs (kg)	Anchor Spacing In (mm)	Max. Allowable Point Load Lbs (kN)	Min. Spacing Between Pt. Loads In (mm)	Max. Allowable Uniform Load Lbs/Ft (kg/m)
P3270	194 88.0	4 102	2,000 8.90	12 305	2,000 2,976.3
P3370	139 63.0	4 102	1,500 6.67	12 305	1,500 2,232.2
P3170*	165 74.8	8 203	1,000 4.45	12 305	1,000 1,455.2

*When used in prestressed concrete "T" Beam.
Load data is based on use of 3000 PSI concrete.

SPOT INSERT LOAD CHART

Part Number	Wt/100 pcs Lbs (kg)	Anchor Spacing In (mm)	Max. Allowable Point Load Lbs (kN)	Min. Spacing Between Pt. Loads In (mm)	Max. Allowable Uniform Load Lbs/Ft (kg/m)
M25M2812	54 24.5	-	1,500 6.67	-	1,500 559.4
M3245	52 23.6	-	1,000 4.45	-	1,000 453.6
M24M2512	52 23.6	-	800 3.56	-	800 362.9

MAXIMUM ALLOWABLE POINT LOAD



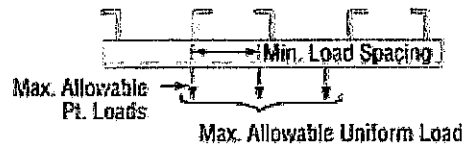
The maximum allowable point load may be placed anywhere along the insert.
All loads placed less than 2" from the end of an insert must be reduced by 50%.

MAXIMUM ALLOWABLE UNIFORM LOAD



The maximum allowable uniform load must be placed as a series of point loads.

SPACING OF MULTIPLE POINT LOADS



PULL-OUT LOAD

Minimum Edge Distance to Achieve Rated Pull-Out Capacity

