



WEAVER CONSTRUCTION MANAGEMENT, INC.

3679 S. Huron St., Suite 404

Englewood, CO 80110

Phone: (303) 789-4111 FAX: (303) 789-4310

SUBMITTAL TRANSMITTAL

October 19, 2011

WGC Submittal No: 15400-001

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: Always Plumbing & Heating
P.O. Box 25215
Colorado Springs, Colorado 80936
719-532-1344 Ed Buss
info@alwaysph.com

SUBJECT: Plumbing Submittal for Head Works Building - Floor Drains

SPEC SECTION: 15400 - Plumbing 15400.2.1.D Floor Drain

PREVIOUS SUBMISSION DATES: None

DEVIATIONS FROM SPEC: ___ YES X NO

CONTRACTOR'S STAMP: This submittal has been reviewed by Weaver General Construction 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: 10/19/11 Reviewed by: H.C. Myers (X) Reviewed Without Comments () Reviewed With Comments</p> <p>ENGINEER'S COMMENTS:</p>	<p>Engineer's Stamp:</p>
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Always

Plumbing & Heating Inc.

SUBMITTAL

Project: Harold D Thompson Head Works Building

Plumbing Sheet HW 20 Drain and Vent Submittal

For Review and Comments dated 8-29-2011

Section: 15400 2.1
D Floor Drains

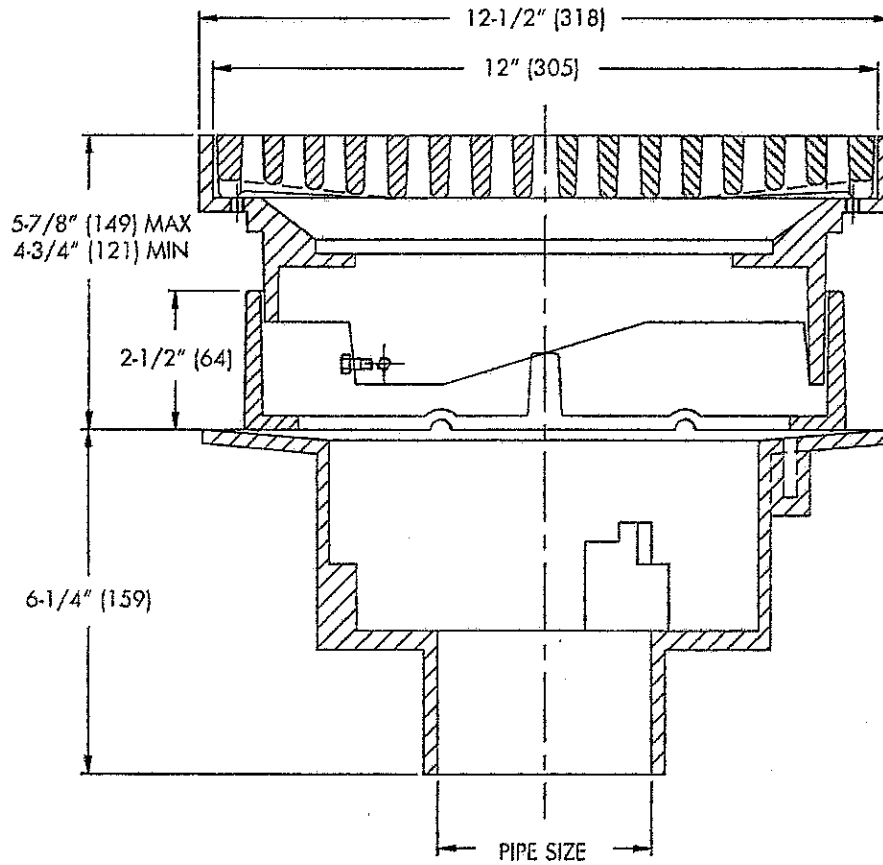


FD-340

Tag: _____

Area Drain with
12" Adjustable Top

SPECIFICATION: Watts Drainage FD-340 epoxy coated cast iron area drain with anchor flange, body collar with weepholes, 12-1/2" (318) diameter adjustable top with ductile iron grate, and no hub (standard) outlet.



Load Rating & Free Area

Load Rating	Free Area Sq. In.
*XHD	37

* The load classifications are in accordance with the American National Standards ASME A112.21.1M. ASME Ratings are as follows:
XHD - Safe Live Load 7500-10000 lbs. (3375-4500kg)
The above categories are given as a guide only. Please consult factory.

Components	

Pipe Sizing (Select One)	
Suffix	Description
2	2" (51) Pipe Size <input type="checkbox"/>
3	3" (76) Pipe Size <input type="checkbox"/>
4	4" (102) Pipe Size <input type="checkbox"/>
5	5" (127) Pipe Size (NH Only) <input type="checkbox"/>
6	6" (152) Pipe Size <input checked="" type="checkbox"/>
8	8" (203) Pipe Size (NH Only) <input type="checkbox"/>

Outlet Type (Select One)	
Suffix	Description
NH	No Hub (M) <input checked="" type="checkbox"/>
P	Push On <input type="checkbox"/>
T	Threaded Outlet <input type="checkbox"/>
X	Inside Caulk <input type="checkbox"/>

Options (Select One or More)	
Suffix	Description
-1	Nickel Bronze Top <input type="checkbox"/>
-5	Sediment Bucket <input type="checkbox"/>
-6	Vandal Proof <input type="checkbox"/>
-7	Trap Hammer Tapping <input type="checkbox"/>
-8	Backwater Valve (2, 3, 4" Only) <input type="checkbox"/>
-13	Galvanized Body <input type="checkbox"/>
-21	Secondary Strainer <input type="checkbox"/>
-34	Closure Plug <input type="checkbox"/>
-F4-50	4" Round Cast Iron Funnel <input type="checkbox"/>
-F4-1	4" Round Nickel Bronze Funnel <input type="checkbox"/>
-F6-1	6" Round Nickel Bronze Funnel <input type="checkbox"/>
-G-50	4x9" Oval Cast Iron Funnel <input type="checkbox"/>
-G-1	4x9" Oval Nickel Bronze Funnel <input type="checkbox"/>
-S0	Side Outlet (2, 3, 4" Only) <input type="checkbox"/>
	Elastomeric Flange <input checked="" type="checkbox"/>

Optional Body Material	
Suffix	Description
-60	PVC Body (2, 3, 4" Only) <input type="checkbox"/>
-61	ABS Body (2, 3, 4" Only) <input type="checkbox"/>

Job Name _____ Contractor _____

Job Location _____ Contractor's P.O. No. _____

Engineer _____ Representative _____

WATTS Drainage reserves the right to modify or change product design or construction without prior notice and without incurring any obligation to make similar changes and modifications to products previously or subsequently sold. See your WATTS Drainage representative for any clarification. Dimensions are subject to manufacturing tolerances.



Specification Drainage Products

USA: 100 Watts Road, Spindale, NC, 28160-2298; TEL: 828-286-2179 TOLL-FREE: 1-800-838-2581 www.watts.com

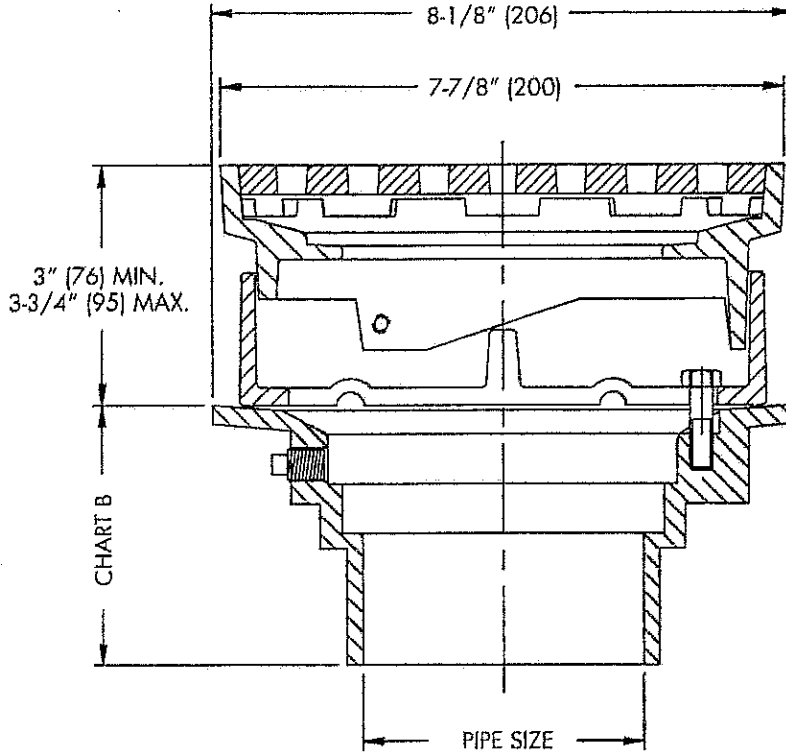
WATTS®

FD-320

Tag: _____

Area Drain with 8" Adjustable Top

SPECIFICATION: Watts Drainage FD-320 epoxy coated cast iron area drain with anchor flange, body collar with weepholes, 8" (203) diameter adjustable top with ductile iron grate, and no hub (standard) outlet.



3" (76) MIN.
3-3/4" (95) MAX.

CHART B

PIPE SIZE

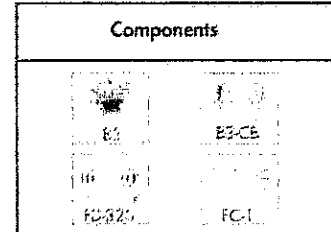
Chart B

	Std.	P	T	X	60/61
Pipe Size	No Hub	Push On	Female Thread	Inside Caulk	PVC/ABS
2" (51)	3-5/8" (92)	4-1/4" (108)	4-1/4" (108)	4-1/4" (108)	3-3/4" (95)
3" (76)	3-5/8" (92)	4-1/4" (108)	4-1/4" (108)	4-1/4" (108)	3-5/8" (92)
4" (102)	3-5/8" (92)	4-1/4" (108)	4-1/4" (108)	4-1/4" (108)	3-7/8" (94)
6" (152)	3-1/2" (89)				

Load Rating & Free Area

Load Rating	Free Area Sq. In.
*XHD	18

* The load classifications are in accordance with the American National Standards ASME A12.21.11A ASME Ratings are as follows:
XHD - Safe Live Load 7500-10000 lbs. (3375-4500kg)
The above categories are given as a guide only.
Please consult factory.



Components

Pipe Sizing (Select One)

Suffix	Description	
2	2" (51) Pipe Size	<input type="checkbox"/>
3	3" (76) Pipe Size	<input type="checkbox"/>
4	4" (102) Pipe Size	<input checked="" type="checkbox"/>
6	6" (152) Pipe Size (NH Only)	<input type="checkbox"/>

Outlet Type (Select One)

Suffix	Description	
NH	No Hub (MJ)	<input checked="" type="checkbox"/>
P	Push On	<input type="checkbox"/>
T	Threaded Outlet	<input type="checkbox"/>
X	Inside Caulk	<input type="checkbox"/>

Options (Select One or More)

Suffix	Description	
-1	Nickel Bronze Top	<input type="checkbox"/>
-5	Sediment Bucket	<input type="checkbox"/>
-6	Vandal Proof	<input type="checkbox"/>
-7	Trip/Timer Tapping	<input type="checkbox"/>
-8	Backwater Valve (2,3,4" Only)	<input type="checkbox"/>
-12	Galvanized Body	<input type="checkbox"/>
-21	Secondary Sumpter	<input type="checkbox"/>
-34	Closure Plug	<input type="checkbox"/>
F4-50	4" Round Cast Iron Funnel	<input type="checkbox"/>
F4-1	4" Round Nickel Bronze Funnel	<input type="checkbox"/>
F6-1	6" Round Nickel Bronze Funnel	<input type="checkbox"/>
G5-50	4x9" Oval Cast Iron Funnel	<input type="checkbox"/>
G3-1	4x9" Oval Nickel Bronze Funnel	<input type="checkbox"/>
SO	Side Outlet (2,3,4" Only)	<input type="checkbox"/>
Z	Elastomeric Flange	<input type="checkbox"/>

Optional Body Material

Suffix	Description	
-60	PVC Body w/Socket Outlet	<input type="checkbox"/>
-61	ABS Body w/Socket Outlet	<input type="checkbox"/>

Job Name _____ Contractor _____

Job Location _____ Contractor's P.O. No. _____

Engineer _____ Representative _____

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WATTS®

Specification Drainage Products

USA: 100 Watts Road, Spindale, NC, 28160-2208; TEL: 828-266-2179 TOLL-FREE: 1-800-338-2581 www.watts.com

ES-WD-FD-320 USA 0541

FD-320



Always Plumbing & Heating

P.O. Box 25215
Colorado Springs, Colorado 80936
Phone 532-1344 Fax 532-1344

From: Ed Buss

LETTER OF TRANSMITTAL

Date:	8/29/2011	
To:	Weaver Construction	
Attn:	John	
Re:	Head Works at Harold Thompson RWRP	
Job #	9103	APH Job # W181

We are Sending:

samples	shop drawings	other		
literature	submittals Div 15 for (Plumbing) Plans Sheet HW20			
specs	contracts			
prints	change orders		submittal #	3

Copies	Date	Description
	8/29/2011	John, I am sending you plumbing submittals for the Head Works Building at the Harold Thompson Project.,included is the epoxy floor drains.

For Your:

Approval	
Use	
Review	
Comments	
Signature	

Approved As:

Noted	
Submitted	
Corrected	
Rejected	

Returned for Correction:

Resubmit Copies For Approval	
Submit Copies for Distribution	
Renew copies For	

Notes:

Copy To:	Signature: