

SECTION 01 30 01
REQUEST FOR INTERPRETATION FORM
CONSENTINO MIDDLE SCHOOL - #21-0818

TO: Dore & Whittier Architects Inc. 260 Merrimac St., Bldg.7 Newburyport, MA 01950	FROM: Brait Builders	RFI #: RFI - 038
Attn: Tara King	Reply Requested by: Jake McDonough	Issue Date: 05/24/24
RFI DESCRIPTION (Indicate origin of RFI, and summarize the question or type of information required): Please see attached drainage clocks with constructibility issues. Please advise how to proceed.		
REFERENCES (List relevant Drawings or Specification sections and paragraphs): 		
SENDER'S RECOMMENDATION (All RFIs must include a contractor's recommended solution to each condition, including a statement of cost or schedule of impact if applicable. The contractor may be back-charged by the Owner for designer's review time for any RFI submitted without a sender's recommended solution or where response is evident in Drawings.) Nitsch Comment: Refer to comments below and ASI-11 for updates.		
DESIGNER'S RESPONSE:		

BY:	DATE:	COPIES TO:
Tara King	05/31/2024	

END OF SECTION
Request for Interpretation Form
01 30 01 - 1

REQUEST FOR INFORMATION

RFI No.: JDC-03

J.DERENZO
COMPANY



PROJECT: Haverhill MS
ADDRESS: _____

DATE: 4-24-24

PROJECT No.: JDC24013

SUBMITTED BY:

Bradd Biagini
J. DERENZO COMPANY
338 HOWARD ST
BROCKTON, MA 02302

SUBMITTED TO:

Jake McDonough
Brait Builders
Rockview Way
Marshfield, MA 02050

REQUEST:

Please see attached drainage clocks with constructibility issues. Please advise how to proceed.

SUGGESTION:

RESPONSE:

ATTACHMENTS: ☐ YES ☐ NO



4 Marion Drive
Carver, MA 02330
(508) 866-6900 Phone

FOR APPROVAL ONLY

Structure: CB 118
Based On:
Job Name: CONSENTINO MIDDLE SCHOOL
Job Location:
Specification: 48" Storm
Contractor: DERENZO

Based on:

Take Off By: 4/1/2024 dmahoney

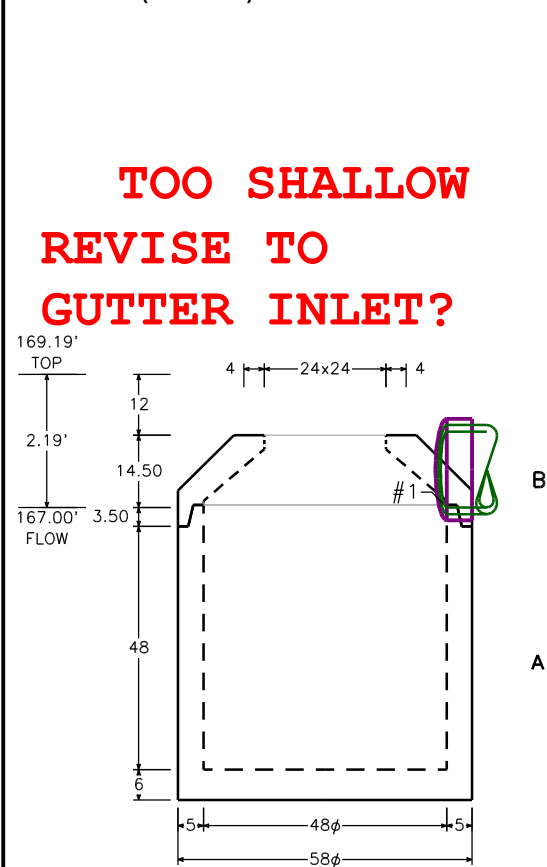
All pieces manufactured per ASTM C478. MBO is an NPCA Certified Plant.

Design Build Height		Stack Build Height		Pour Date:	
Top of Casting	+ 169.19'	Frame & Adj.	+ 1.00'	QC Date:	
Outlet Invert	- 167.00'	Concentric Cone	+ 1.50'	Frame:	4"H Sq F&G (By Others)
Sump	+ 4.00'	Base Gain	+ 3.69'	Invert:	No Channel
Design Height	= 6.19'	Design Height	= 6.19'	Notes:	
		To Floor	+ 0.31'		
		Floor Thickness	+ 0.50'		
		Outside Height	= 7.00'		

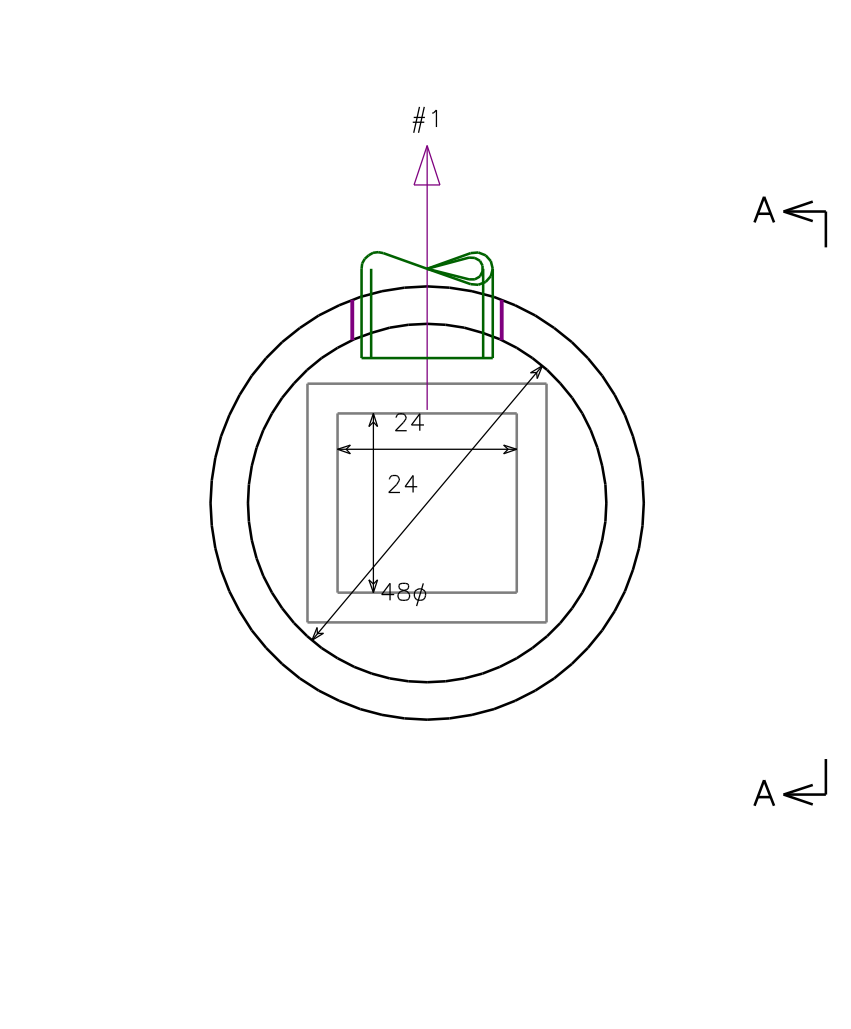
Opening Schedule

ID	Invert	To / From	Pipe Size	Connector	Hole Size	Bottom	Angle
#1	167.00'		15" ADS N-12	Mortar	20" Ø	1"	0°

Elevation (View A-A)



Plan View



Nitsch Response:
Outlet lowered to 166.52
(assuming flat top structure)
Refer to ASI-11 as this lowered
some downstream inverts as well

BOM For Structure

ID	Description	Qty.	Weight
B	48" Manhole Dome 24"x24" Conc 18H	1	1,180
A	48" Integral Base 6F 48HI	1	4,927
Totals (pieces, lbs)		2	6,106



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FOR APPROVAL ONLY

Structure: D 226
Based On:
Job Name: CONSENTINO MIDDLE SCHOOL
Job Location:
Specification: 48" Storm
Contractor: DERENZO

Based on:

Take Off By: 4/1/2024 dmahoney

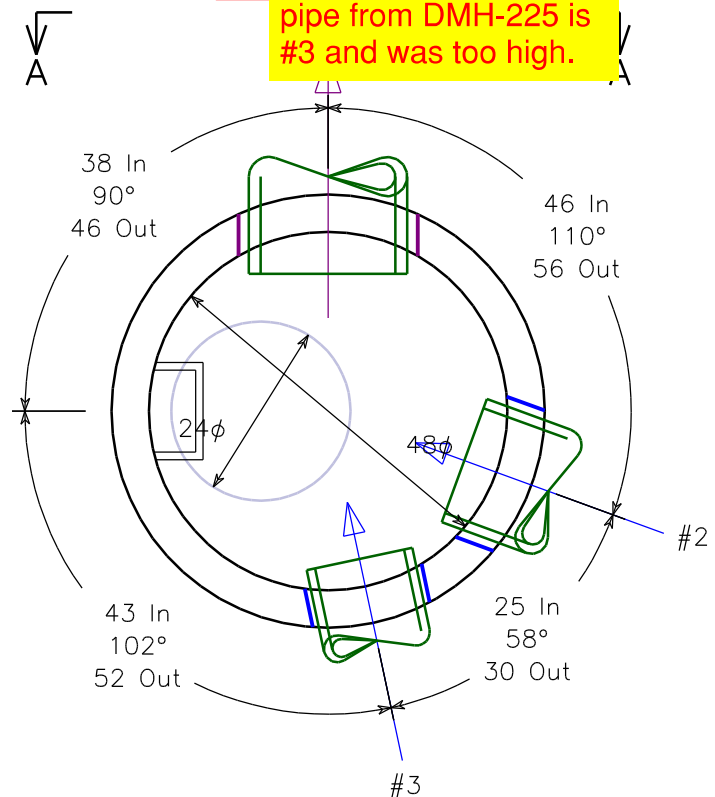
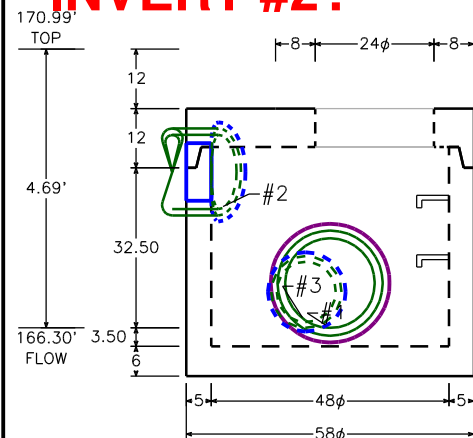
All pieces manufactured per ASTM C478. MBO is an NPCA Certified Plant.

Design Build Height			Stack Build Height			Pour Date:			
Top of Casting	+	170.99'	Frame & Adj.	+	1.00'	QC Date:			
Outlet Invert	-	166.30'	Eccentric Slab	+	1.00'	Frame: 4"H 24" F&C (By Others)			
Design Height	=	4.69'	Base Gain	+	2.69'				
			Design Height	=	4.69'	Invert: No Channel			
			To Floor	+	0.31'				
			Floor Thickness	+	0.50'	Notes: Pipe from WQS-1 updated to 18" per ASI-11			
			Height	=	5.50'				
Opening Schedule									
ID	Invert	To / From	Pipe Size	Connector	Hole Size	Bottom	Angle		
#1	166.30'		18" ADS N-12	Mortar	24" Ø	1"	0°		
#2	168.30'		15" ADS N-12	Mortar	20" Ø	25"	110°		
#3	166.40'		12" ADS N-12	Mortar	16" Ø	3"	168°		

Elevation (View A-A)

Plan View

TOO SHALLOW
LOWER
INVERT #2?



Nitsch Response: Update
Inverts per ASI-11

BOM For Structure

ID	Description	Qty.	Weight
B	48" Flat Top 24" Ecc 7.75T 12H	1	1,570
A	48" Integral Base 6F 36HI	1	3,686
Totals (pieces, lbs)		2	5,256