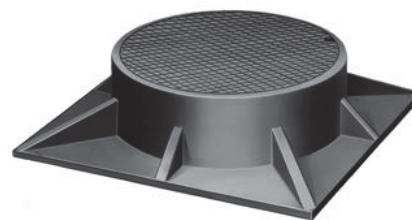
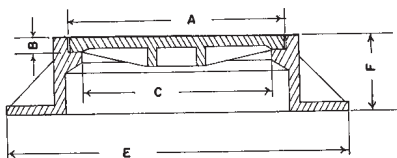


■ Note: When specifying/ordering grates, refer to "Choosing the Proper Inlet Grate" on pages 125-126.
For a complete listing of FREE OPEN AREAS and WEIR PERIMETERS of all NEENAH grates, refer to pages 327-332.

R-1795 Series Manhole Frame, Square Base, Solid Lid

Heavy Duty



Illustrating R-1795-E

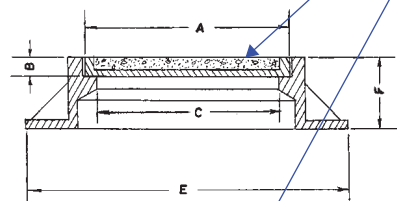
Catalog No.	Dimensions in inches					Lid	Grate Alt.
	A	B	C	E	F		
R-1795-A	12 1/16	1	11	19 x 19	4	C*	
R-1795-B	15 5/8	1 3/8	15	23 x 23	5	C*	
R-1795-C	19 1/2	1 1/2	17 3/4	29 1/2 x 29 1/2	5 1/2	C*	
R-1795-D	22	1 1/2	20	32 x 32	6	B,C	
R-1795-E	22	1 1/2	20	33 x 33	8	B,C	
R-1795-F	24	1 1/2	22	35 x 35	7 1/2	SPEC	
R-1795-G	24 3/4	1 1/4	22	36 x 36	9	SPEC	
R-1795-K	32	1 1/2	30	46 x 46	7	B	R-2580-A
R-1795-M	38	1 1/2	36	47 x 47	10	B	R-2580-C

* Furnished with as-cast bearing surfaces.

confirm and coordinate that terrazzo matching terrazzo floor finish can be provided as fill in lid

R-1796 Series Manhole Frame, Lid for Fill

Light Duty



Illustrating R-1796-D

Only frames and lids furnished. Center filling material to be supplied by purchaser. Designed for concrete, asphalt or Terrazzo fill.
Most lids in this series have anchors cast into top surface to hold fill. If these would interfere with your type of fill application, advise when ordering.

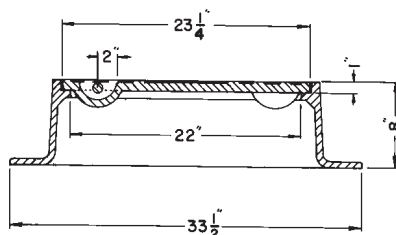
Catalog No.	Dimensions in inches					Grate Alt.
	A	B	C	E	F	
R-1796-B	19 1/2	1 1/2	18	29	5 1/2	R-2525-G
R-1796-C	22	1 1/2	20	32	6	R-2535
R-1796-D	24	1 1/2	22 1/4	34 21/32	7 15/32	R-2500
R-1796-E	26	1 1/2	24 1/8	35 7/8	6 15/16	R-2501
R-1796-F*	32	1 1/2	30	46	7	R-2560-G

* Heavy Duty

lid only: use with 1755 series provide smaller opening per spec section 221413 see following page for gasketed frame

R-1797 Manhole Frame, Solid Lid

Heavy Duty

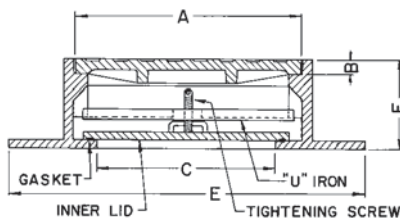


R-1755 Series

Gasket-Sealed, Frost and Water-Resistant Frame, Solid Lid and Inner Lid

Heavy Duty

All units furnished with neoprene gasket, tightening bolt and locking bar. Lids are provided with Type F concealed watertight pickhole (see p. 14 for details). Not suitable for use as a pressure manhole.



Security Saddle Plate

Security saddle plate available upon request.

provide saddle plate.

When eye bolt is padlocked, saddle plate prevents bolt from being turned so lock bar cannot be removed.

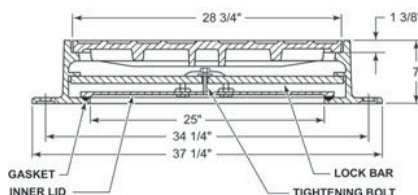
Dimensions in inches						
Catalog No.	A	B	C	E	F	Lid
R-1755-B	23	1 1/2	18	36	9	Type B
R-1755-C	24	1 1/2	20	35	7 1/2	Type C
R-1755-E	26	1 1/2	22	38	7	Type C
R-1755-E1	30	1 1/2	24	39 3/16	6 1/2	Type C
R-1755-G	32	1 1/2	28	46	7	Type B
R-1755-G1	32	1 1/2	28	40	6 1/2	Type B

use lid from 1796 on previous page use gasketed frame indicated here.

R-1755-F2

Frost/Watertight Frame, Solid and Inner Lid

Heavy Duty

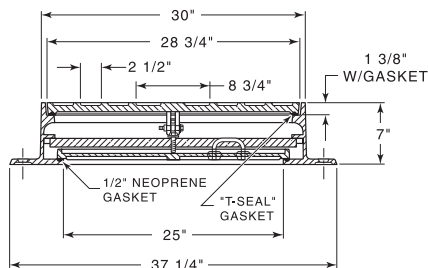


R-1755-F2LM

Frost/Watertight LiftMate Frame, Solid Gasketed Lid and Inner Lid

Heavy Duty

Hinge plug available for self-seal application. See p. 13 for LiftMate information.



SUBMITTAL IDENTIFICATION SHEET

To be completed by Contractor/CM

PROJECT NAME	
ADDRESS	
NUMBER	
OWNER	
ARCHITECT / ENGINEER	
SUBMITTED BY	
CONTRACTOR / CM SUBMITTAL NO.	CANNON DESIGN SUBMITTAL NO.
DRAWING / DETAIL REFERENCE	SPECIFICATION SECTION / PARAGRAPH
MANUFACTURER / SUPPLIER	ITEM / PRODUCT ID
REQUIRED DATE	PRIORITY
CRITICALITY	

To be completed by Reviewer

CANNON DESIGN SUBMITTAL NUMBER
RECEIVED DATE

- ☐ **A. No Exceptions Taken**
No further review of submittal is required.
- ☐ **B. Make Corrections Noted**
Incorporate corrections in work;
resubmission is not required.
- ☐ **C. Revise and Resubmit**
Revise as noted, and resubmit for review.
- ☐ **D. Rejected**
Submittal is not in compliance with Contract Documents;
provide new submittal.
- ☐ **E. For Record / Information Only**
Submittal was reviewed for Record / Information
purposes only.
- ☐ **F. Not Required for Review**
Submittal is not required by Contract Documents
and has not been reviewed.

Review is for conformance with the design concept of this project and for general compliance with contract documents. Contractor is responsible for quantities, dimensions and compliance with contract documents and for information that pertains to fabrication processes, construction techniques and coordination of this work with all trades which will be affected thereby. This review is null and void if submittal deviates from contract documents and does not indicate or note deviations.

ITEM BEING SUBMITTED (check only one)

- ☐ Shop Drawings ☐ Certification / Qualifications ☐ Coordination Drawing
☐ Samples ☐ Record Documents ☐ Calculations
 (_____ copies) ☐ Product Data ☐ Schedules
☐ LEED Submittal ☐ O&M Manuals
☐ Other _____

ITEM BEING SUBMITTED FOR (check only one)

- ☐ Action ☐ Information Only ☐ Record

REMARKS OR DEVIATIONS

CONTRACTOR / CM CERTIFICATION
(SUBMITTALS NOT CERTIFIED WILL BE RETURNED WITHOUT REVIEW)



PARIC CORPORATION
SUBMITTAL STAMP

THIS SHOP DRAWING HAS BEEN REVIEWED BY PARIC CORPORATION

Subcontractor remains responsible for dimensions, quantities, coordination with other trades and compliance with contract documents.

Ry:

Devin D. Gates

REVIEWED BY	DATE

A/E COMMENTS

- ☐
- See attached sheet(s) for additional comments

REVIEWED BY	DATE



77 Westport Plaza
Suite 250
St. Louis, MO 63146

TRANSMITTAL

No. 15051-0157

Paric Corporation

PROJECT: 15051-Webster University Interdisciplinary Science Building

DATE: 07/25/2016

TO: Cannon Design
1100 Clark Ave
St Louis MO 63102

RE: Manhole 22 Lid

ATTN: Kelvin Patel

JOB: 15051

WE ARE SENDING:	SUBMITTED FOR:	ACTION TAKEN:
☐ Shop Drawings	☒ Approval	☐ Approved as Submitted
☐ Letter	☐ Your Use	☐ Approved as Noted
☐ Prints	☐ As Requested	☐ Returned After Loan
☐ Change Order	☐ Review and Comment	☐ Resubmit
☐ Plans		☐ Submit
☐ Samples	SENT VIA:	☐ Returned
☐ Specifications	☐ Attached	☐ Returned for Corrections
☒ Other: Product Data	☐ Separate Cover Via:	☐ Due Date:

Item	Package	Code	Rev.	Copies	Date	Description	Status
Submittal		221413-001	1		07/25/2016	Manhole 22 Lid	Submitted

NOTES:

CC:

Signed: _____
Devin Gates



SUBMITTAL TRANSMITTAL

345 Marshall Avenue Suite 302, Webster Groves, MO 63119
314-421-0042 phone, 314-231-9157 fax

To: Paric Corporation
77 Westport Plaza, Suite 250
St. Louis, MO 63146

From: Ethan Gwinn
Date: 7/25/2016

Attn: Jason Szachnieski/Devin Gates

Project Name:

CASTLE Project Number:

Architect/Engineer's Project Number:

Subm. #: 3 **Sub/Vendor:** Kienstra Precast

PLEASE FIND ENCLOSED:

Copies	Date	No.	Description
1	7/25/2016	1	Interior Light Duty MH Lid (Terrazzo Finish)

ACTION:

☒ For Approval	☐ Approved As Submitted
☐ For your Use	☐ Approved As Noted
☐ As requested	☐ Revise & Resubmit

COMMENTS:

CC: File