

MDSHA BOOK OF STANDARDS
FOR HIGHWAYS, INCIDENTAL STRUCTURES AND TRAFFIC CONTROL APPLICATIONS

<i>Approved Substitutes for MDSHA Standards</i>			
CATEGORY "3" - DRAINAGE			
Company		EJ Company	
Standard Number	Manufacturer's Reference No.	Standard Description	Approval Date
MD 383.31	1480	Manhole Frame	02/22/13
MD 383.31	1480A	Manhole Cover	02/22/13
MD 383.31	1543	Manhole Frame	02/22/13

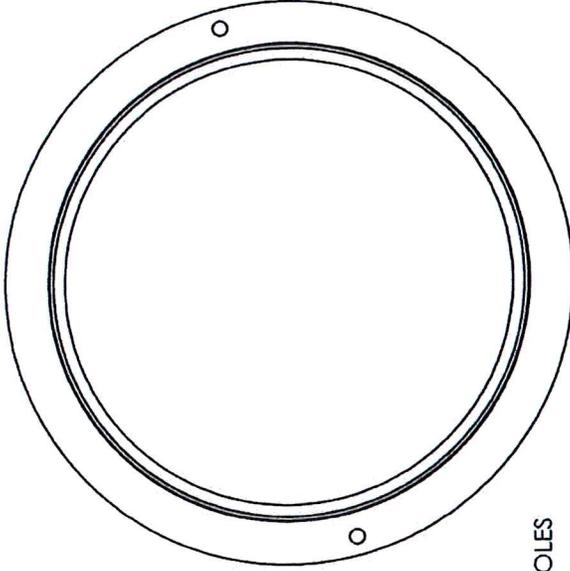
1480 Frame



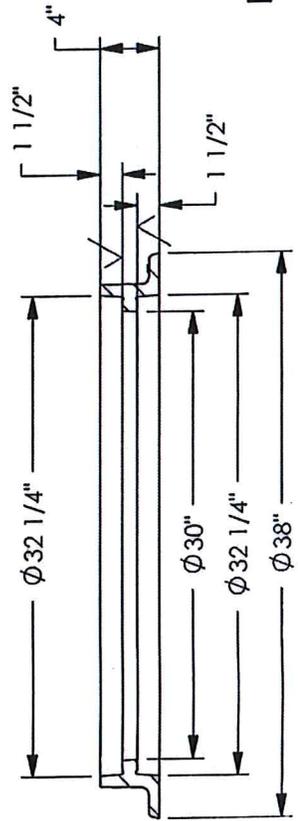
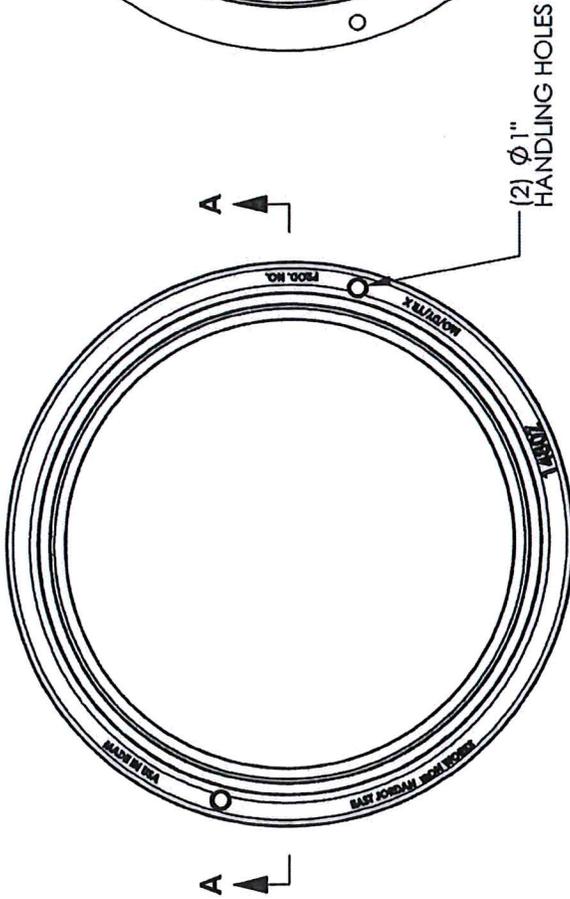
- Product Number
00148011
- Design Features
 - Materials
Gray Iron (CL35)
 - Design Load
Heavy Duty
 - Open Area
n/a
 - Coating
Unplated
 - ✓ Designates Machined Surface

Certification
-ASTM A48

-Country of Origin: USA



BOTTOM VIEW



SECTION A-A

NOTE! FRAME IS REVERSIBLE

REVIEWED AND ACCEPTED

[Signature]
 DATE ASSOCIATES, INC. Date 2/22/13

Drawing Revision
 8/8/2003 Designer: DEW
 4/20/2012 Revised By: SDC

Disclaimer

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Contact
 800.626.4663
 ejpc.com

1480A Cover



Product Number

00148225

Design Features

- Materials
Gray Iron (CL35B)
- Design Load
Heavy Duty
- Open Area
n/a
- Coating
Uncoated
- ✓ Designates Machined Surface

Certification

- ASTM A48
- Country of Origin: USA

REVIEWED AND ACCEPTED

[Signature]
 DEW ASSOCIATES, INC. Date 2/20/13

Drawing Revision

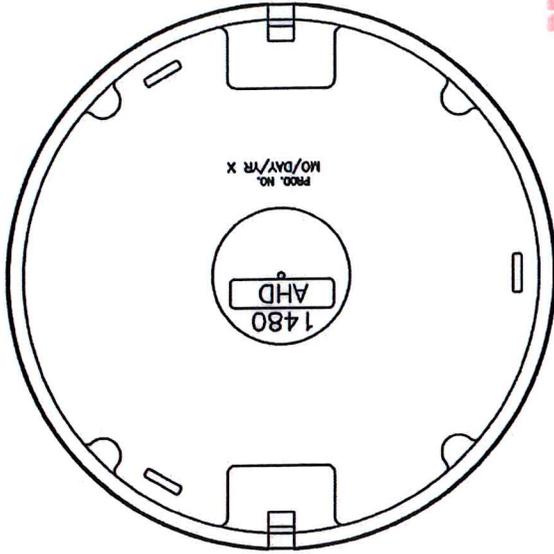
03/31/2003 Designer: DEW
 Revised By: SDC

Disclaimer

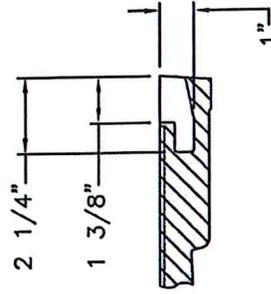
Weights (lbs./sq.) dimensions (inches/mm) and drawings provided for your reference. We reserve the right to modify specifications without prior notice.
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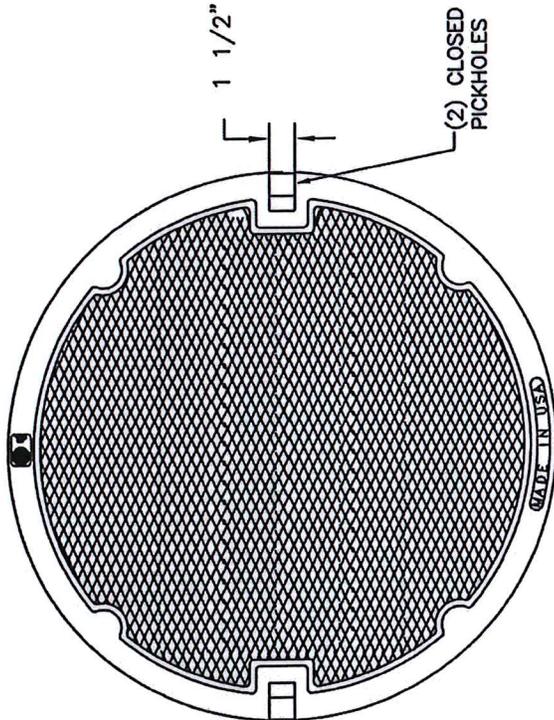
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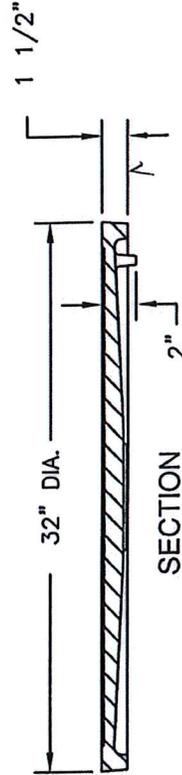
BOTTOM VIEW



PICKHOLE DETAIL

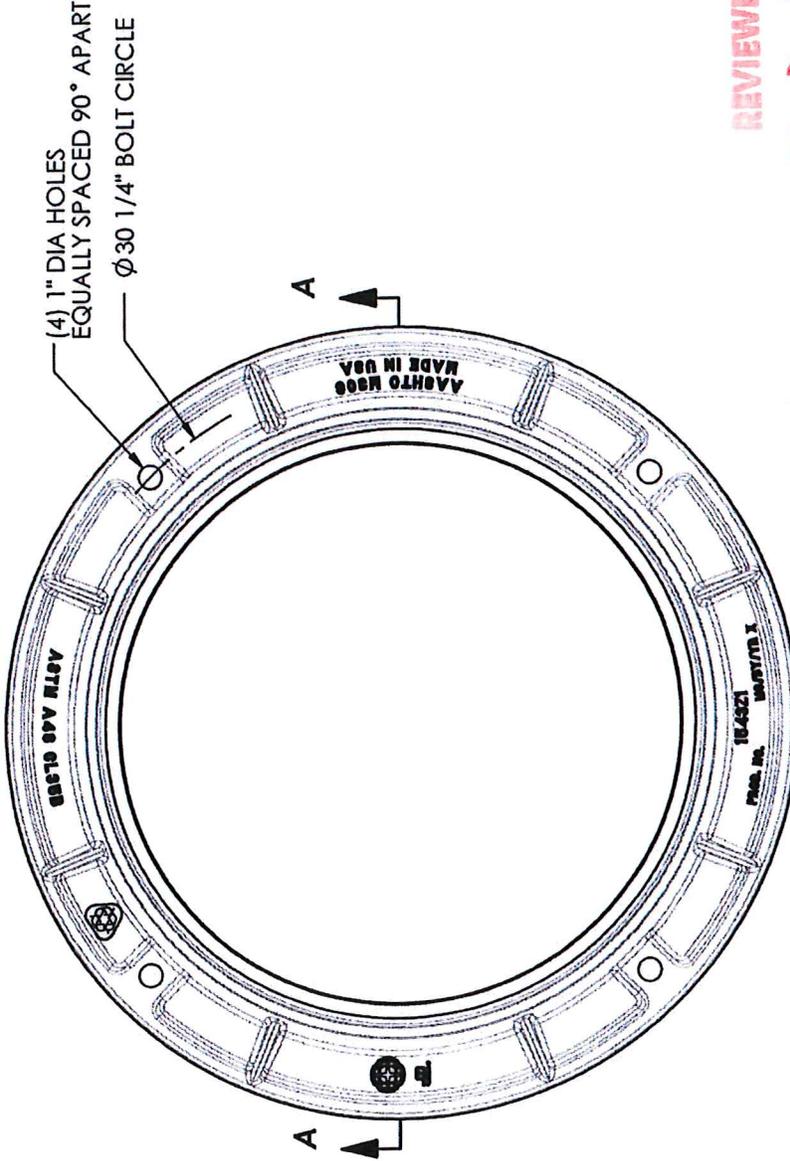


PLAN VIEW



SECTION

1543 Frame



Product Number
00154315

Design Features

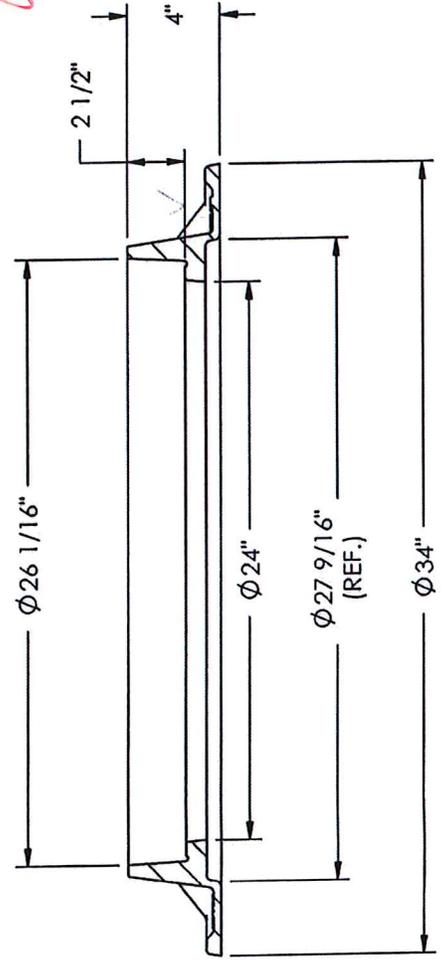
- Materials
Gray Iron (CL35)
- Design Load
Heavy/Duty
- Open Area
n/a
- Coating
Undipped
- √ Designates Machined Surface

Certification

- ASTM A48
- AASHTO M306
- Country of Origin: USA

REVIEWED AND ACCEPTED

[Signature] 2/22/13
ALCO ASSOCIATES, INC. Date



Drawing Revision
3/22/2012 Designer: JJJ
03/28/2012 Revised By: JJJ

Disclaimer
Weights (lbs/kg), dimensions (inches/mm) and drawings provided for your database. We reserve the right to modify specifications without prior notice.

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