


**DATE:** August 5, 2021  
**TO:** Paul Zachary, Engineering Services Department Director  
**FROM:**  Henry Som de Cerff, Design Manager  
**SUBJECT:** Standards and Specifications for approval to include in Division II of meter cans Carson 1520; Carson 1730; DFW Plastics, Inc DFW1800A.18.1; and Pencil Plastics for 5/8" – 3/4" and 1" meter cans.

The Specification Review Committee recommends and asks the Engineering Services Department Director to approve the following:

1. Approval to include in Division II of meter cans Carson 1520; Carson 1730; DFW Plastics, Inc DFW1800A.18.1; and Pencil Plastics for 5/8" – 3/4" and 1" meter cans.

Please call me at (918) 596-7355 if you have any questions.

Thank you.

APPROVED:



Paul Zachary, Director

  
Date

Cc: Engineering Services Department Specification Review Committee

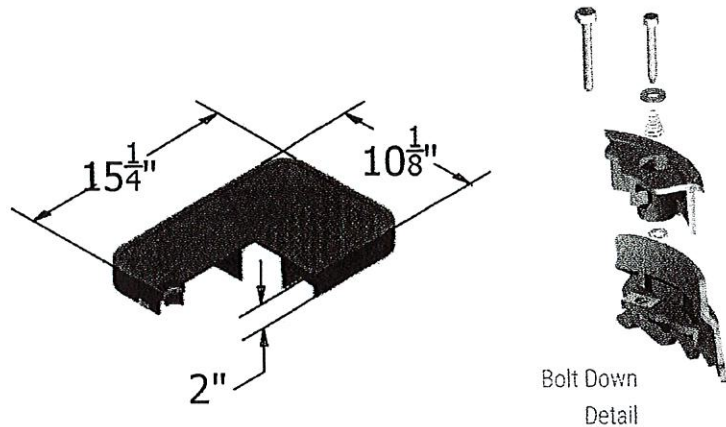
# 1520

## CARSON® Spec Grade

### COVER

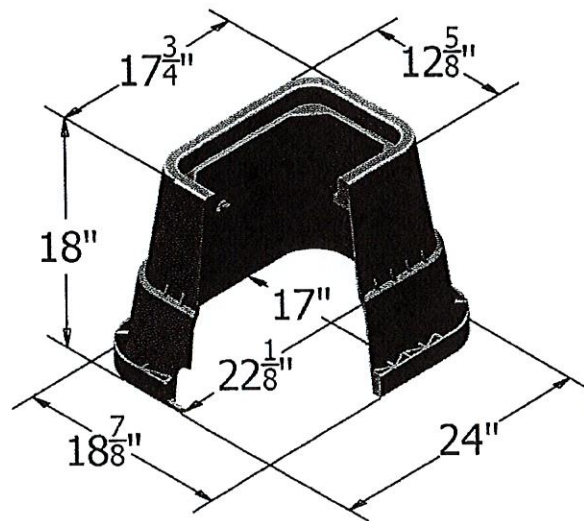
Style:	Flush
Material:	HDPE
Model:	15" x 20"
Weight:	3 lbs
Std. Fasteners:	3/8" Hex Bolt
Options:	Logos and Special Markings
Surface:	Skid Resistant & Marked
Performance:	Pedestrian, ASTM C857, WUC 3.6

Cover comes standard with permanent markings for manufacturer and model size.



### BODY

Material:	HDPE
Model:	15" x 20"
Weight:	18" Depth: 12 lbs
Wall Type:	Flared
Mouseholes:	2
Performance:	Pedestrian, ASTM C857, WUC 3.6



### EXTENSION

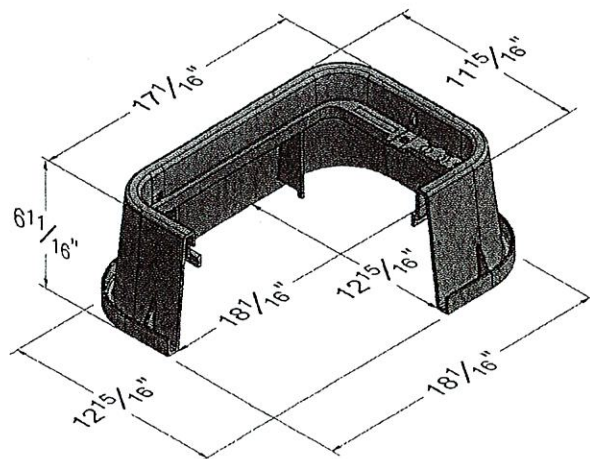
Material:	HDPE
Weight:	4 lbs

### LOAD RATING / NOTES



**LIGHT DUTY**  
**PEDESTRIAN / GREENBELT**

For use in non-vehicular traffic situations only.  
Weights and dimensions may vary slightly.  
Actual load rating is determined by the box and cover combination.



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# 1520

**CARSON®** Spec Grade

## COVER OPTIONS

HDPE, T-Cover Solid

HDPE, T-Cover with Plastic Reader Door

HDPE, T-Cover with Cast Iron Reader Door

HDPE, Flush Solid

HDPE, Flush with Plastic Reader Door

HDPE, Flush with Cast Iron Reader Door

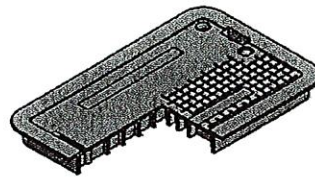
HDPE, Flush Hinged

## COLOR OPTIONS

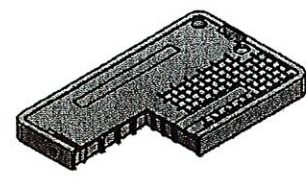
Cover: Black, Green, Tan, Purple

Body: Black, Green, Tan, Purple

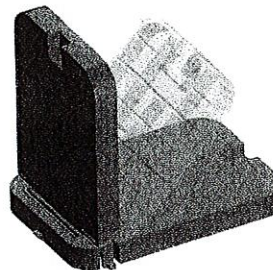
Extension: Black



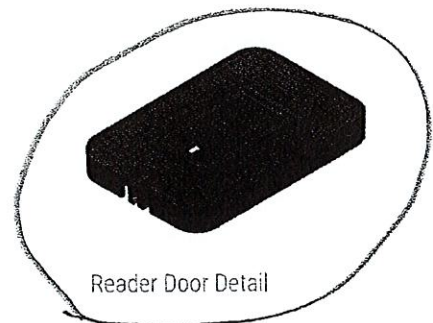
T-Cover Solid



Flush Solid



Hinged Cover



Reader Door Detail

## FASTENER OPTIONS

Hex Head Bolt (A)

Penta Head Bolt (B)

Penta Head Coil Thread Bolt (C)

Oldcastle Vandal Resistant Bolt (C)

Captive Bolt Retainer

Drop-N-Lock™



Standard Thread



A



B



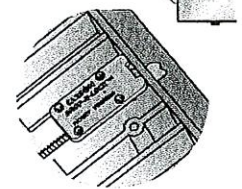
C



Coil Thread



Bolt Retainer  
(for standard thread)



Drop-N-Lock  
(T-Cover only)

## ADD ON OPTIONS

AMR Friendly Solutions

Touch Read Hole

**WARNING:** Cancer - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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Revision 11/30/18  
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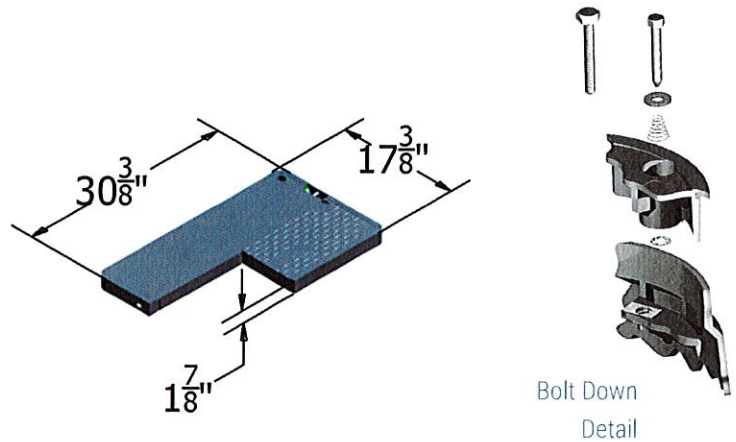
# 1730

**CARSON®** Spec Grade

## COVER

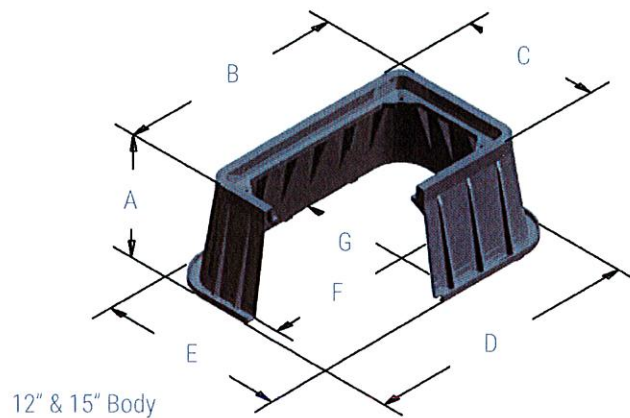
Style: Flush  
 Material: HDPE  
 Model: 17" x 30"  
 Weight: 10 lbs  
 Std. Fasteners: 3/8" Hex Bolt  
 Options: Logos and Special Markings  
 Surface: Skid Resistant & Marked  
 Performance: Pedestrian, ASTM C857, WUC 3.6

Cover comes standard with permanent markings for manufacturer and model size.



## BODY

Material: HDPE  
 Model: 17" x 30"  
 Weight: 12" Depth: 19 lbs  
           15" Depth: 24 lbs  
           18" Depth: 26 lbs  
 Wall Type: Flared  
 Mouseholes: 0  
 Performance: Pedestrian, ASTM C857, WUC 3.6



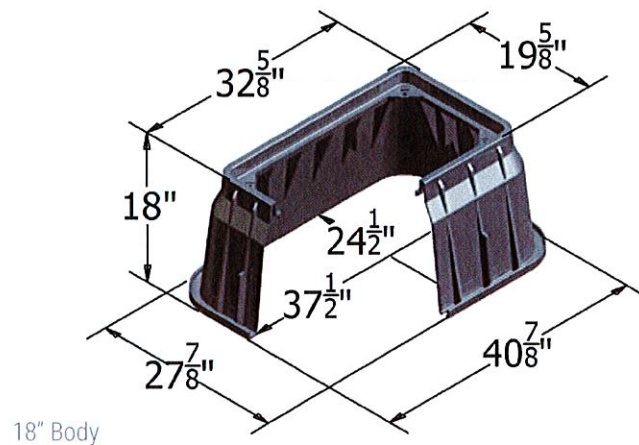
A	B	C	D	E	F	G
12"	33-1/2"	20-5/8"	39-3/8"	26-1/2"	35-7/8"	23"
15"	33-1/2"	20-5/8"	40-1/4"	27-3/8"	36-5/8"	23-3/4"

## LOAD RATING / NOTES



**LIGHT DUTY**  
**PEDESTRIAN / GREENBELT**

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# 1730

**CARSON®** Spec Grade

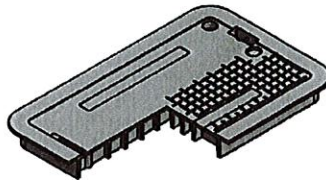
## COVER OPTIONS

HDPE, T-Cover Solid

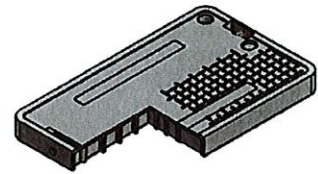
HDPE, Flush Solid

HDPE, Flush with Plastic Reader Door

HDPE, Flush with Cast Iron Reader Door



T-Cover Solid



Flush Solid

## COLOR OPTIONS

Cover: Black, Green, Gray, Tan, Purple

Body: Black, Green, Gray, Tan, Purple



Reader Door Detail

## FASTENER OPTIONS

Hex Head Bolt (A)

Penta Head Bolt (B)

Penta Head Coil Thread Bolt (B)

Oldcastle Vandal Resistant Bolt (C)

Captive Bolt Retainer

Drop-N-Lock™



Standard Thread



A



B



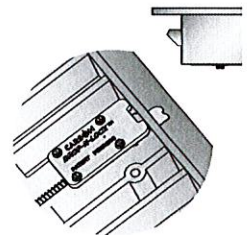
C



Coil Thread



Bolt Retainer  
(for standard thread)



Drop-N-Lock  
(T-Cover only)



L Bolt Detail



EMS Marker

## ADD ON OPTIONS

AMR Friendly Solutions

Touch Read Hole

EMS Marker

Racking Provision



**WARNING:** Cancer - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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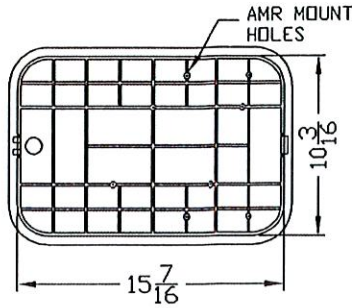
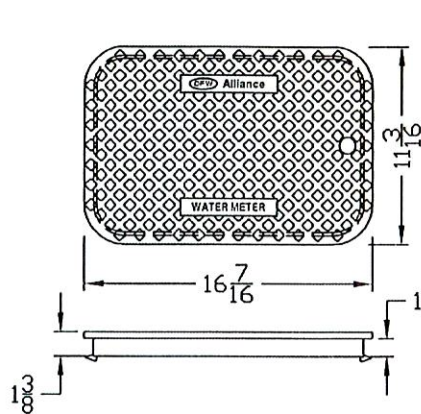


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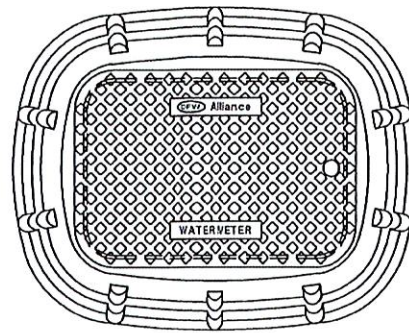
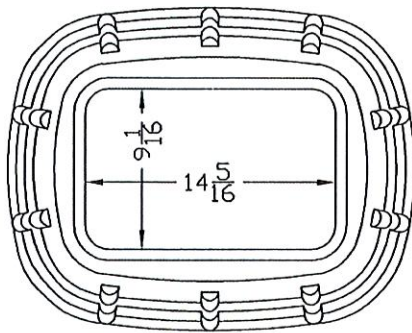


5/8-3/4

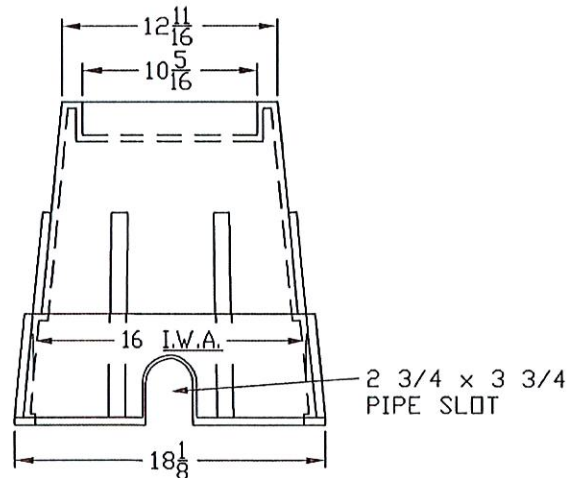
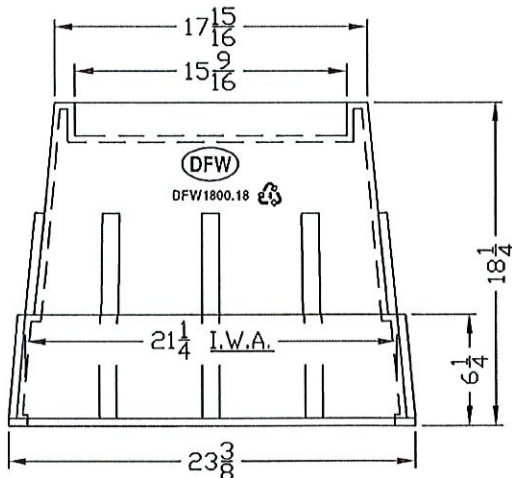


LID KEY	
1	BLACK COLOR

**DFW1200.1.LID**



**DFW1800A.18.1**



**DFW1800A.18.BODY**

**NOTES**

- 1) DIM'S  $\pm 1/8"$  U.N.O.
- 2) LID MATERIAL: POLYPROPYLENE
- 3) BODY MATERIAL: LLDPE
- 4) WALL THICKNESS:  $3/8" \pm 5\%$
- 5) I.W.A. = INSIDE WORK AREA

DFW PLASTICS, INC. ENGAGES IN ONGOING RESEARCH AND DEVELOPMENT TO IMPROVE AND ENHANCE ITS PRODUCTS. THEREFORE, DFW PLASTICS, INC. RESERVES THE RIGHT TO CHANGE PRODUCT OR SYSTEM SPECIFICATIONS WITHOUT NOTICE.



DFW PLASTICS, INC.  
PO BOX 648  
BEDFORD, TEXAS 76095  
(817) 439-3600  
(817) 439-3700 (f)  
www.dfwplasticsinc.com

**DFW1800A.18.1**

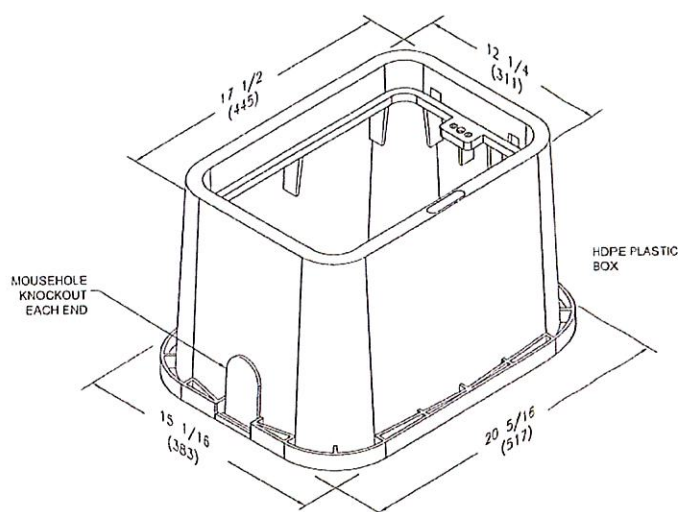
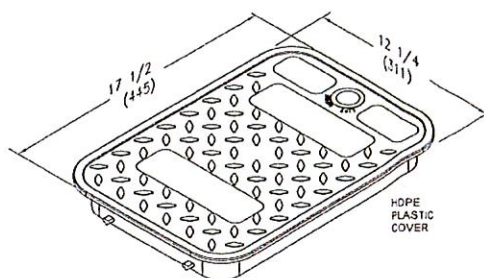
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UPDATED: 02/04/2016
ACCEPTED: JMc
DRAWN BY: RMc
PLOT SCALE: 1:10

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5/8-3/4

# Dimensions / Data

10" X 15" PenCell PE



## Assemblies

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD	WEIGHT	PALLET QTY	PART NO.
Box & HDPE Cover	12"	N/A	N/A / 5,000	10	120	PE1015H*** 050

## Covers

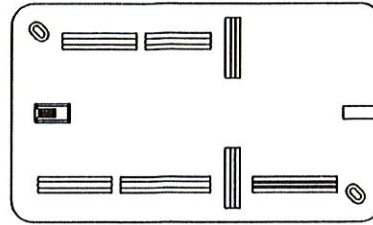
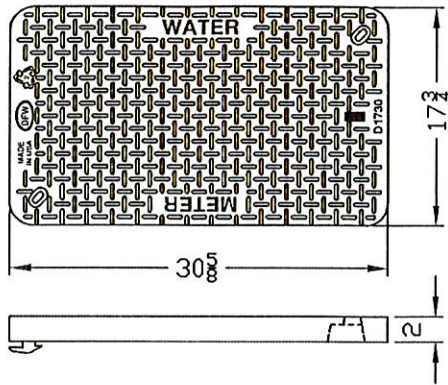
DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	MATERIAL	PART NO.
Bolt Down	N/A	N/A / 5,000	3	HDPE	PE1015P***
Non Bolt Down	N/A	N/A / 5,000	3	HDPE	PE1015PLI***

Replace \*\*\* with logo code found on page 194  
For AMR/AMI options see page 197

## Boxes

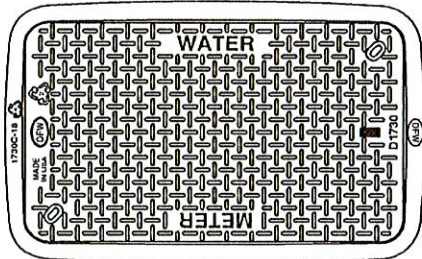
DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Green Open Bottom	12"	N/A	N/A / 5,000	7	120	PE1015GSI***



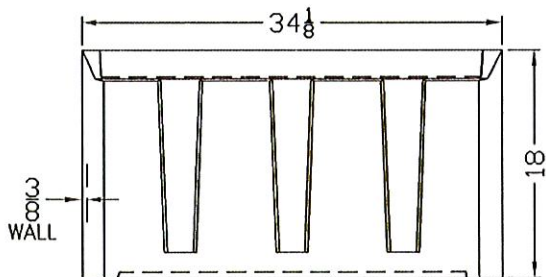
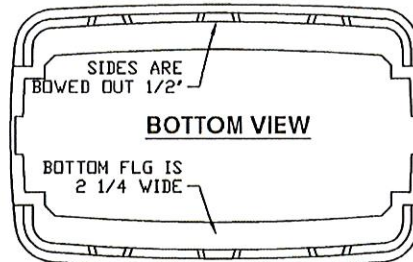
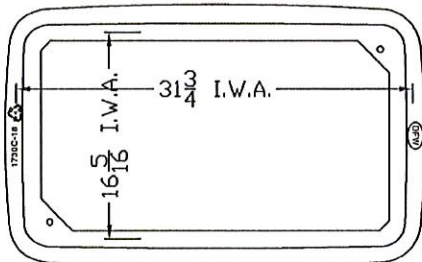


**DFW1730C-1-LID**

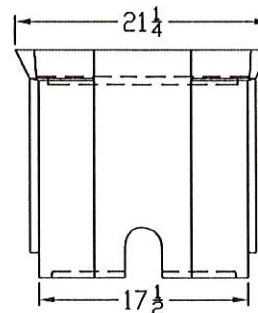
LID KEY	
1	BLACK COLOR



**DFW1730C-18-1**



**DFW1730C-18-BODY**



**LIFT STRUCTURE**  
SECTION A-A

**NOTES**

- 1) DIM'S  $\pm 1/8"$  U.N.O.
- 2) LID MATERIAL: HDPE
- 3) BODY MATERIAL: LLDPE
- 4) WALL THICKNESS:  $3/8" \pm 5\%$
- 5) I.W.A. = INSIDE WORK AREA

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www.dfwplasticsinc.com

**DFW1730C-18-1**

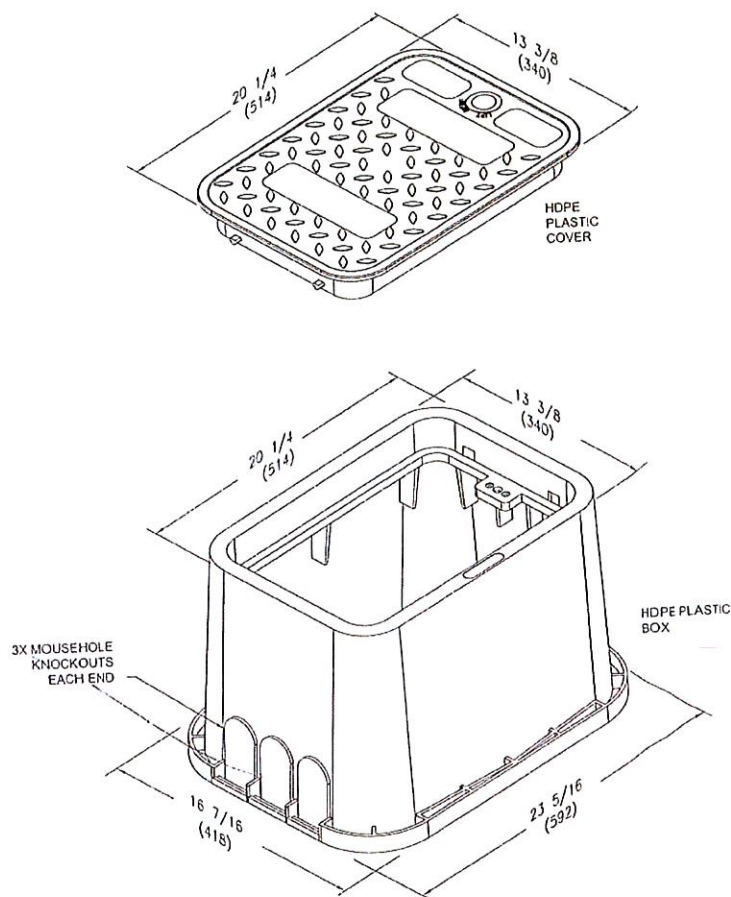
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UPDATED:	04/28/2015
ACCEPTED:	JMc
DRAWN BY:	RMc
PLOT SCALE:	1:14

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# Dimensions / Data

11" X 18" PenCell PE



## Assemblies

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD	WEIGHT	PALLET QTY	PART NO.
Box & HDPE Cover	12"	N/A	N/A / 3,000	12	120	PE1118H*** 050

## Covers

DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	MATERIAL	PART NO.
Bolt Down	N/A	N/A / 3,000	4	HDPE	PE1118P***
Non Bolt Down	N/A	N/A / 3,000	4	HDPE	PE1118PLI***

Replace \*\*\* with logo code found on page 194  
For AMR/AMI options see page 197

## Boxes

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Green Open Bottom	12"	N/A	N/A / 3,000	8	120	PE1118GSI

PENCELL