



Chandler • Arizona
Where Values Make The Difference

MEMORANDUM

Case # 16-15

DATE: September 7, 2016

TO: MAG Specifications and Details Committee Members

FROM: Warren White, City of Chandler Representative

SUBJECT: Proposed Addition of Traffic Rated Box and Cover Detail No. 319

Purpose: Need for box that can withstand continuous traffic

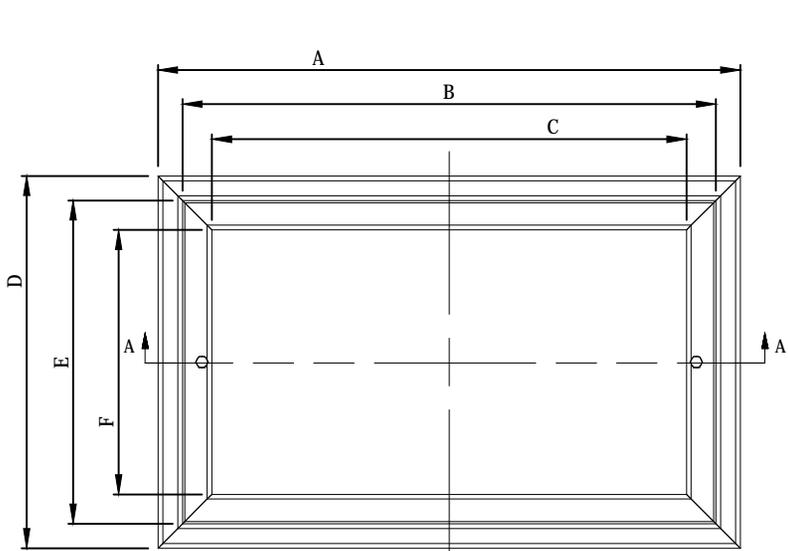
Revisions (update):

- Minor revisions to notes and text for consistency.

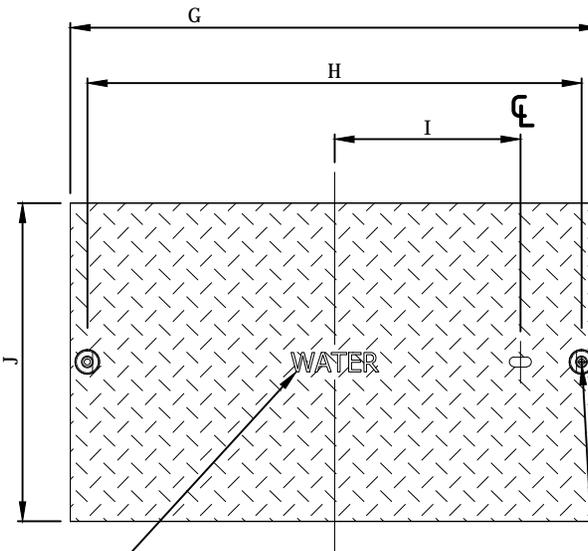
DRAFT
8-22-2016

NOTES:

1. COVER AND BOX COMBINATION SHALL MEET AASHTO H20
2. DIMENSIONS SHOWN SHALL NOT VARY MORE THAN A 1/16 OF AN INCH
3. MARKINGS PER AGENCY AND/OR UTILITY
4. STACKABLE EXTENSION AVAILABLE TO ACHIEVE DEPTH DESIRED
5. GROUND BELOW THE BOX TO BE COMPACTED TO 95% MAXIMUM DENSITY
6. 6" CONCRETE COLLAR IF REQUIRED BY AGENCY



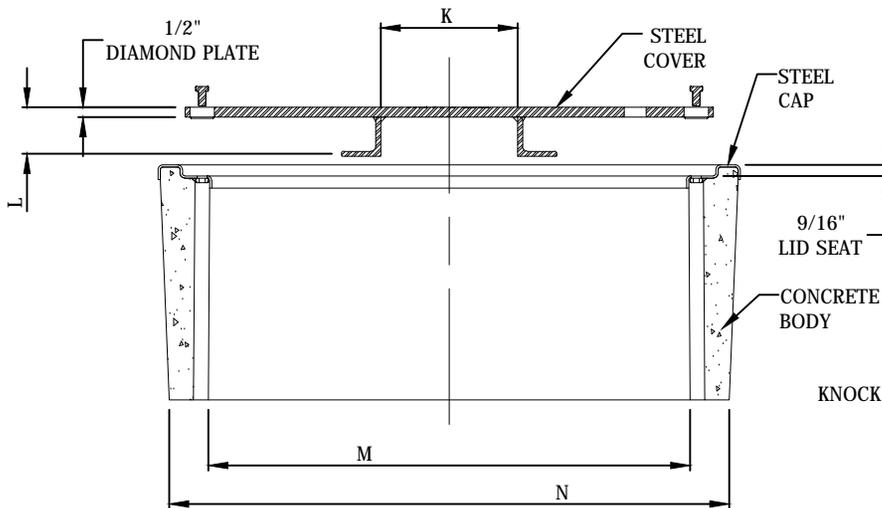
BOX ONLY - TOP VIEW



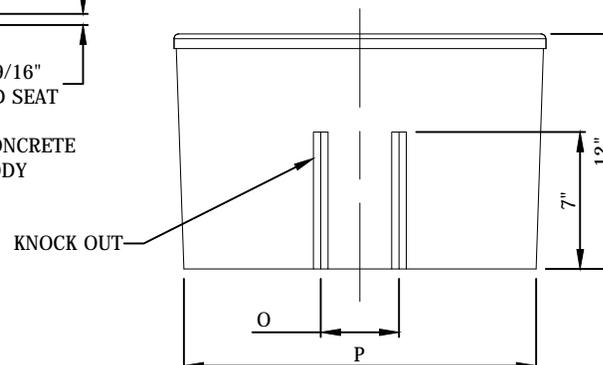
COVER ONLY - TOP VIEW

SEE NOTE NO. 3

Ø1-1/8" X 1/2" DEEP
Ø5/16" THRU
2 PLACES



SECTION A-A BODY AND COVER



END VIEW

TRAFFIC BOX DIMENSIONS		
DIMS	BOX NUMBER	
	(1324)	(1730)
A	29-3/4"	36-7/8"
B	27-1/4"	33-1/2"
C	24-1/4"	30"
D	19"	23-3/4"
E	16-1/2"	20-1/2"
F	13-1/2"	17"
G	27"	33-1/4"
H	25-1/4"	31-1/4"
I	9-1/2"	12-1/8"
J	16-1/4"	20-1/4"
K	7"	10-3/4"
L	2-1/2"	3-1/2"
M	24-5/8"	30-5/8"
N	28-5/8"	35-7/8"
O	4"	5-3/4"
P	18"	22-5/8"

DETAIL NO.
319



STANDARD DETAIL
ENGLISH

TRAFFIC RATED
BOX AND COVER

REVISED
1-1-2017

DETAIL NO.
319