

**CONCRETE 5000 PSI  
REINFORCING 60000 PSI  
AASHTO HS 20 LOADING**

FOR JUNCTION BOX  
CAST IRON FRAME WITH  
SKID RESISTANT COVER  
TRAFFIC RATED

FOR CATCH BASIN  
CAST IRON FRAME & GRATE  
TRAFFIC RATED

36" PRECAST RISER  
6" OR 12" HEIGHTS

ADDITIONAL BARS  
AT OPENING

FLAT TOP WITH  
36"X36" OPENING

CAST IRON FRAME & GRATE  
(PER MANUFACTURER)

PRECAST  
RISER

TT

36"X36" OPENING

HI

TW

WI

TB

WO

THIN-WALLED  
KNOCKOUT

REINFORCING  
AT PERIMETER  
AS SHOWN

HO

WI

WI

KO

WO

WO

**ISOMETRIC VIEW**

**SECTION A-A**

| ITEM     | WO  | WI  | HO  | HI  | TT  | TW | TB  | KO  | GRATE SIZE | OPEN AREA<br>(SQ. IN) | WEIGHT<br>(LBS) |
|----------|-----|-----|-----|-----|-----|----|-----|-----|------------|-----------------------|-----------------|
| AV48CBJB | 60" | 48" | 62" | 54" | 8"  | 6" | 8"  | 48" | 38" x 38"  | 633                   | 5920            |
| AV60CBJB | 72" | 60" | 74" | 66" | 8"  | 6" | 8"  | 60" | 38" x 38"  | 633                   | 8750            |
| AV72CBJB | 88" | 72" | 74" | 64" | 10" | 8" | 10" | 72" | 38" x 38"  | 633                   | 17840           |

**GENERAL NOTES:**

CONCRETE DESIGN STRENGTH OF 5000 PSI AT 28 DAYS  
CLASS 1 CONCRETE

REINFORCING ASTM A615, GRADE 60

DESIGN LOADING AASHTO HS 20-44 TRUCK LOADING

CAST IRON FRAMES & GRATES PER MANUFACTURER STANDARDS

SITE PREPARATION, EXCAVATION, BEDDING & BACKFILL BY CONTRACTOR



**AquaVault**

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WATER CONTROL & CONTAINMENT SOLUTIONS

**LARGE PRECAST CATCH BASINS/  
JUNCTION BOXES SIZES 48" TO 72"**

SCALE: 1/2"=1'-0"

DWG. NO.

DATE: 03-02-21

**CBJB\_48\_72**

FILE: CBJB\_48\_72