

**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 #4 BARS @ OPENING

FLAT TOP WITH  
36"X36" OPENING

#4 REBAR AT 6" E.W.  
(BOTTOM LAYER)

#4 REINFORCING  
AT PERIMETER  
AS SHOWN

8"

74" O.D.

60"Ø THIN-WALLED  
KNOCKOUT (AS REQD)

- 6" WALLS WITH #4 REBAR AT 12" EA WAY
- 8" BOTTOM WITH #4 REBAR AT 12" EA WAY

**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

**60" X 60" PRECAST CONCRETE  
CATCH BASIN/JUNCTION BOX**

SCALE: 1"=1'-0"

DATE: 03-02-21

DWG. NO.

**AV60CBJB**

FILE: AV60CBJB