

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

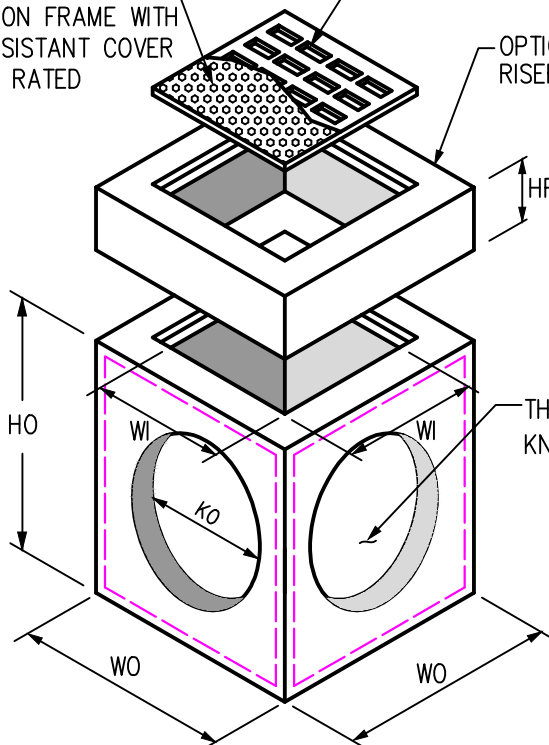
FOR JUNCTION BOX
CAST IRON FRAME WITH
SKID RESISTANT COVER
TRAFFIC RATED

FOR CATCH BASIN
CAST IRON FRAME & GRATE
TRAFFIC RATED

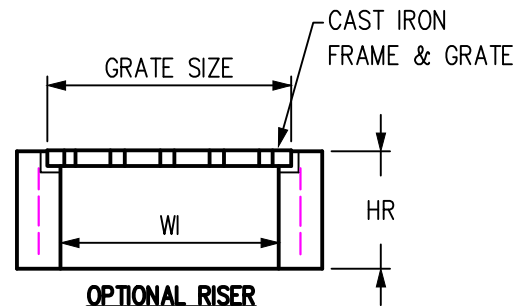
OPTIONAL PRECAST
RISER

CAST IRON
FRAME & GRATE

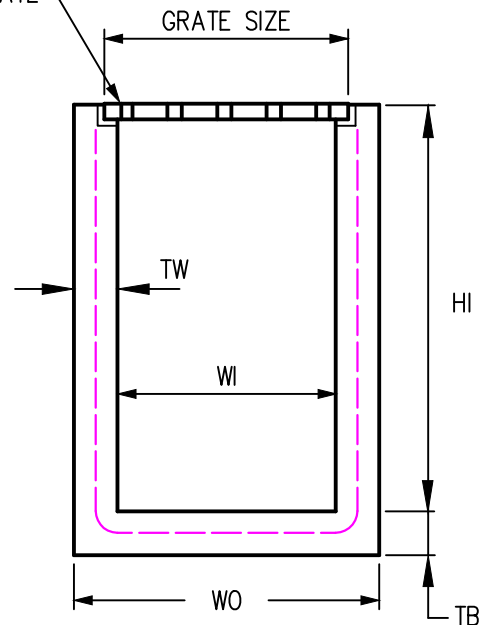
THIN-WALLED
KNOCKOUT



ISOMETRIC VIEW



OPTIONAL RISER



SECTION A-A

ITEM	WO	WI	HO	HI	HR	TW	TB	KO	GRATE SIZE	OPEN AREA (SQ. IN)	WEIGHT (LBS)
AV12CB/JB	20"	12"	22"	18"	VARIES	4"	4"	12"	14"x14"	81	250
AV18CB/JB	28"	18"	35"	30"	VARIES	5"	5"	18"	21"x21"	203	800
AV24CB/JB	36"	24"	30"/36"	24"/30"	VARIES	6"	6"	24"	27"x27"	379	2000
AV30CB/JB	42"	30"	42"	36"	VARIES	6"	6"	30"	29 $\frac{1}{2}$ "x29 $\frac{1}{2}$ "	408	2750
AV36CB/JB	48"	36"	42"/56"	36"/48"	VARIES	6"	6"	36"	38"x38"	633	4000

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

**SMALL PRECAST CATCH BASINS/
JUNCTION BOXES SIZES 12" TO 36"**

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

DATE: 02-24-21

DWG. NO.

CBJB_12_36

FILE: CBJB_12_36