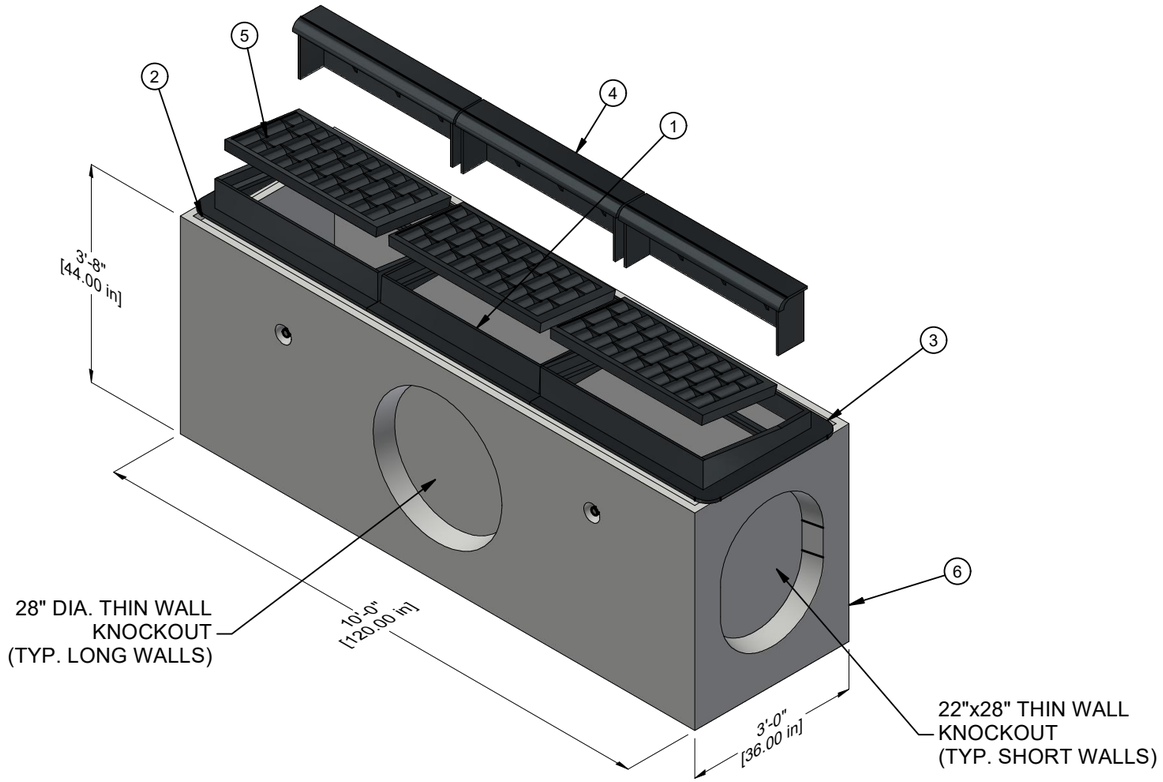
DESIGN NOTES
■ DESIGNED IN ACCORDANCE WITH FULL TRAFFIC H20 LOADING USING 5000 PSI COMPRESSIVE STRENGTH CONCRETE AND 60,000 PSI YIELD STRENGTH ASTM A-706 STEEL REINFORCEMENT PER CALCS.
■ FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.
■ CONFORMS TO CITY OF RENO STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION DETAIL R-207A DATED 12/2019

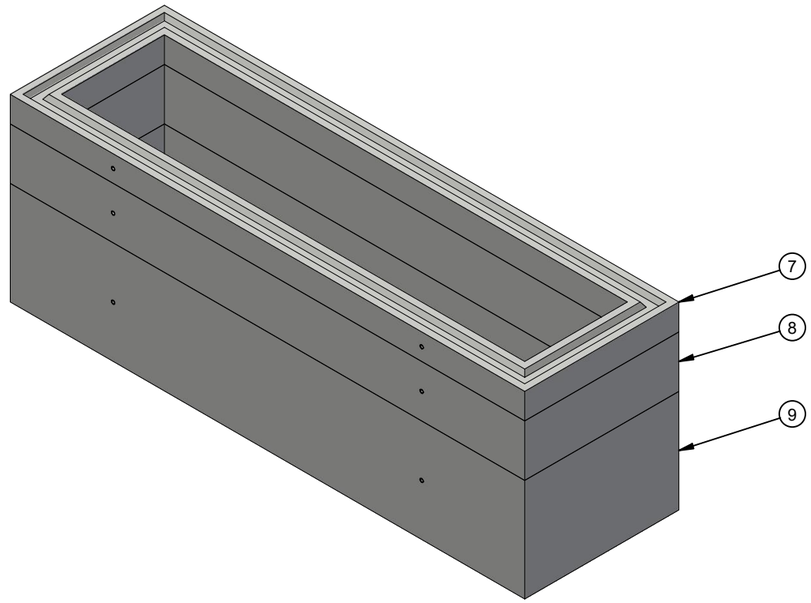
BILL OF MATERIALS

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	100015202	CI FRAME I-3516-R6 ASTM A-48 CL35B HI-CAP MID
2	1	100015200	CI FRAME I-3516-R4 ASTM A-48 CL35B HI-CAP LT
3	1	100015201	CI FRAME I-3516-R5 ASTM A-48 CL35B HI-CAP RT
4	3	100005916	CI CURB BOX I-3516-3GH ASTM A48 CL35B FISH
5	3	100005917	CI GRATE I-3517-02 TYPE L VANED ASTM A48 CL35B W/BIKE BARS
6	1	200035843	Drop Inlet 24108x36 Rect. Bottom Section Flat Thinwall
7	AS REQUIRED	200032211	Riser 24108x6 Rect. Riser
8	AS REQUIRED	200032212	Riser 24108x12 Rect. Riser
9	AS REQUIRED	200032213	Riser 24108x24 Rect. Riser

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ISO LAYOUT



OPTIONAL RISERS

NOTE: ALL UNUSED THIN WALL KNOCKOUTS MUST BE FULLY GROUTED

REVISION HISTORY			
REV	DESCRIPTION	DATE	BY
A	INITIAL RELEASE - 1905-17489-NNV	11/8/2019	DCH
B	FRAME BOM REVISION, OPTIONAL RISERS, ADDED AGENCY	5/24/2023	CF

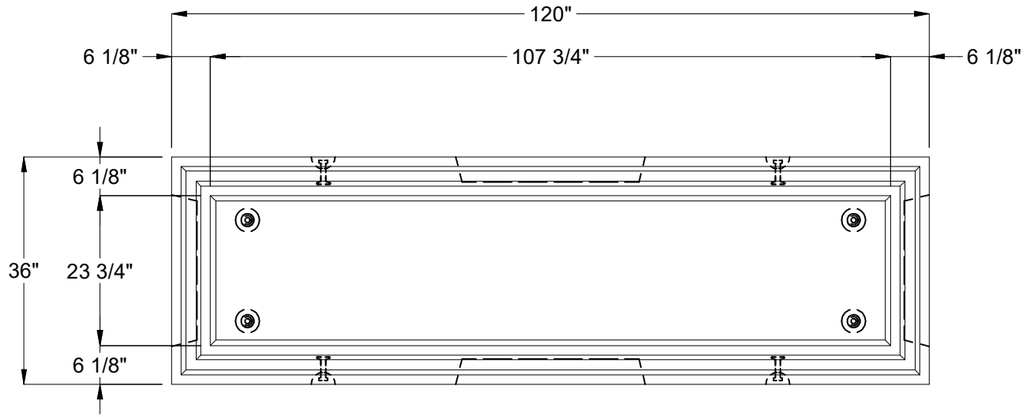
BURY DEPTH:	0.0' - 6.0' to Top		
WATER LEVEL:	5.0'	WEIGHT:	15620.29 Lbs
DESIGN SPEC:	ACI 318,ASTM C890	LOADING SPEC:	A-16 (AASHTO HS20-44)
AGENCY:	Reno	AGENCY SPEC:	Type 4-R Triple R-207A

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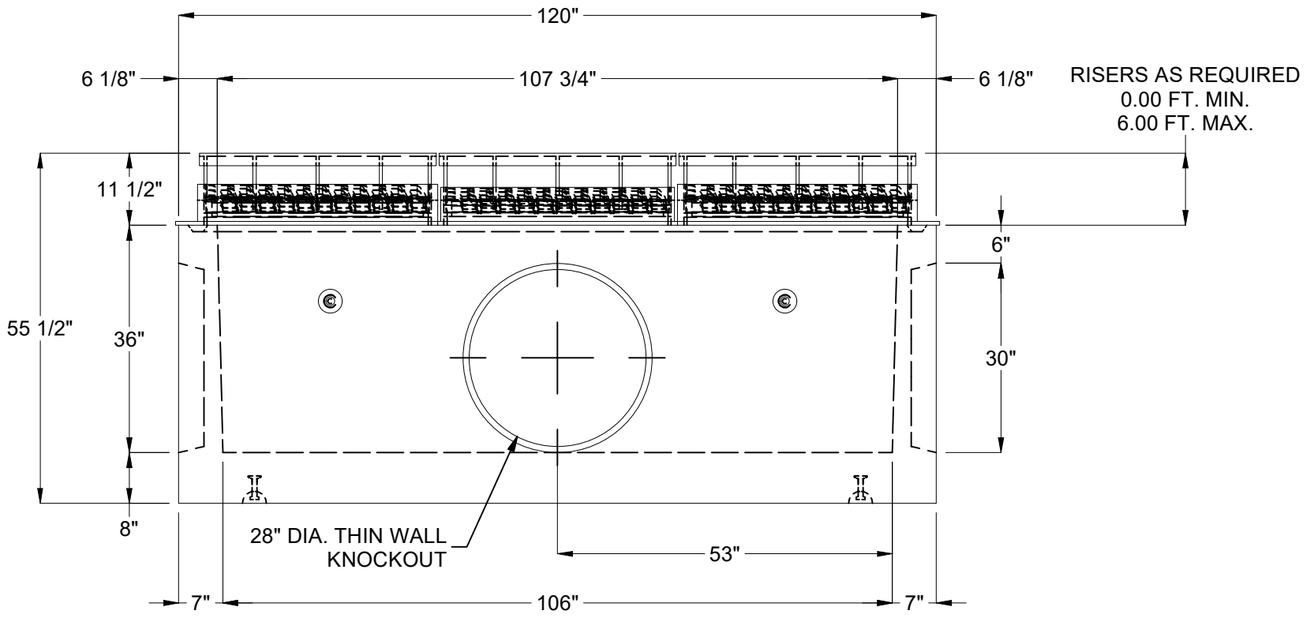
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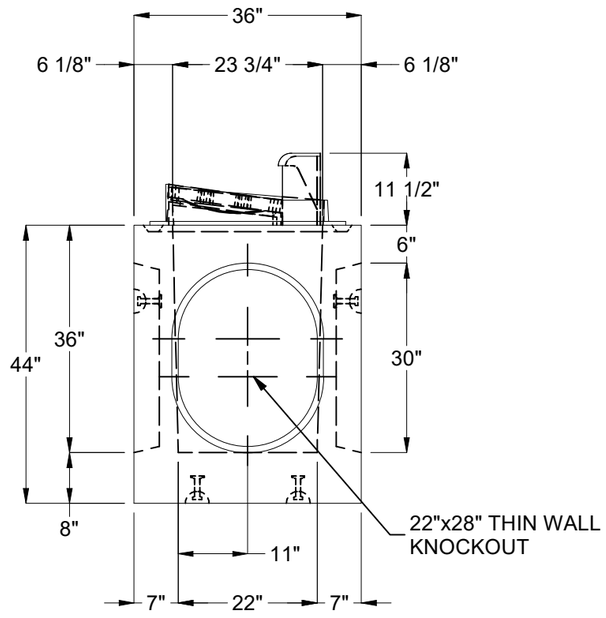
DESCRIPTION:	Drainage Layout 24108x36 24"x108"C Reno Type 4-R Triple R-207A LAYOUT REVIEW		REV: B-5
PART NUMBER:	200035842	DRAWN BY:	C. Flores
CREATED:	5/29/2019	MODIFIED:	5/24/2023
			SHEET: 1 OF 2



PLAN VIEW



SIDE ELEVATION VIEW
(OPPOSITE WALL SIMILAR)



ELEVATION VIEW
(OPPOSITE WALL SIMILAR)

BURY DEPTH:	0.0' - 6.0' to Top		
WATER LEVEL:	5.0'	WEIGHT:	15620.29 Lbs
DESIGN SPEC:	ACI 318,ASTM C890	LOADING SPEC:	A-16 (AASHTO HS20-44)
AGENCY:	Reno	AGENCY SPEC:	Type 4-R Triple R-207A

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DESCRIPTION:	Drainage Layout 24108x36 24"x108"C Reno Type 4-R Triple R-207A LAYOUT DRAWING		REV: B-5
PART NUMBER:	200035842	DRAWN BY:	C. Flores
CREATED:	5/29/2019	MODIFIED:	5/24/2023
			SHEET: 2 OF 2

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