

FINAL ASSEMBLY

CULTEC 12" (300 mm) DUCTILE IRON SQUARE BASIN COVER
[PART #1299CGC - SOLID]
[PART #1299CGS - SLOTTED]

CULTEC 12" (300 mm) PVC UNIVERSAL INLINE DRAIN BODY
[PART #2712AGSB]

SDR-35 RISER PIPE CUT TO LENGTH BASED ON SYSTEM DEPTH. PIPE SHALL BE INSERTED INTO SDR-35 BELL END. SDR-35 RISER PIPE MAY BE 6" (150 mm), 8" (200 mm) OR 10" (250 mm) DIAMETER [PART NOT PROVIDED BY CULTEC]

SDR-35 BELL END INSERTED 6" (150 mm) INTO CHAMBER [PART NOT PROVIDED BY CULTEC]

CULVERT CHAMBER

SOLID COVER OPTION

DUCTILE IRON FRAME WITH HINGE FOR EASY ACCESS

13.6"
(346 mm)

13.6" (346 mm)

DO NOT OPEN

DO NOT POLLUTE

DO NOT POLLUTE DRAIN TO WATERWAYS

SLOTTED COVER OPTION

DUCTILE IRON FRAME WITH HINGE FOR EASY ACCESS

DO NOT POLLUTE DRAIN TO WATERWAYS

DO NOT OPEN

SLOTTED DUCTILE IRON COVER.
TOTAL OPEN AREA = 60.62 IN² (0.039 m²)

PVC BODY PLAN VIEW

STANDARD OPENING FOR 6" (150 mm) SDR-35 RISER PIPE

PVC BODY CAN BE TRIMMED IN FIELD TO ACCOMMODATE 8" (200 mm) AND 10" (250 mm) SDR-35 RISER PIPE SIZES

PVC BODY ELEVATION VIEW

12.5" (317 mm)

11.0" (279 mm)

11.0" (279 mm)

3.2" (81 mm)

FIELD PLACED CLASS "C" CONCRETE COLLAR.
CONCRETE COLLAR CAN RECEIVE ASPHALT OVERLAY IF DESIRED

AASHTO HS-20 RATED DUCTILE IRON FRAME
AND COVER

CULTEC 12" (300 mm) PVC UNIVERSAL INLINE
DRAIN BODY

CONCRETE COLLAR/ASPHALT OVERLAY NOT
REQUIRED FOR NON-TRAFFIC APPLICATIONS

12" PVC UNIVERSAL INLINE DRAIN BODY CAN BE
TRIMMED TO ACCOMMODATE 6" (150 mm),
8" (200 mm) AND 10" (250 mm) SDR-35 PVC PIPE

6" (150 mm), 8" (200 mm), OR 10" (250 mm) SDR-35 RISER
(LENGTH VARIES BASED ON SYSTEM DEPTH)

HOLE TO BE CUT w/ HOLE SAW CENTERED ON
CORRUGATION CREST. 6.25" (160 mm), 8.50" (220 mm),
OR 10.75" (275 mm)

SDR-35 PIPE. BELL END CUT AND INSERTED 6.0" [150 mm]
INTO CHAMBER

SOLID COVER OPTION

DUCTILE IRON FRAME WITH HINGE FOR EASY ACCESS

13.6" (346 mm)

13.6" (346 mm)

REINFORCING

REINFORCING

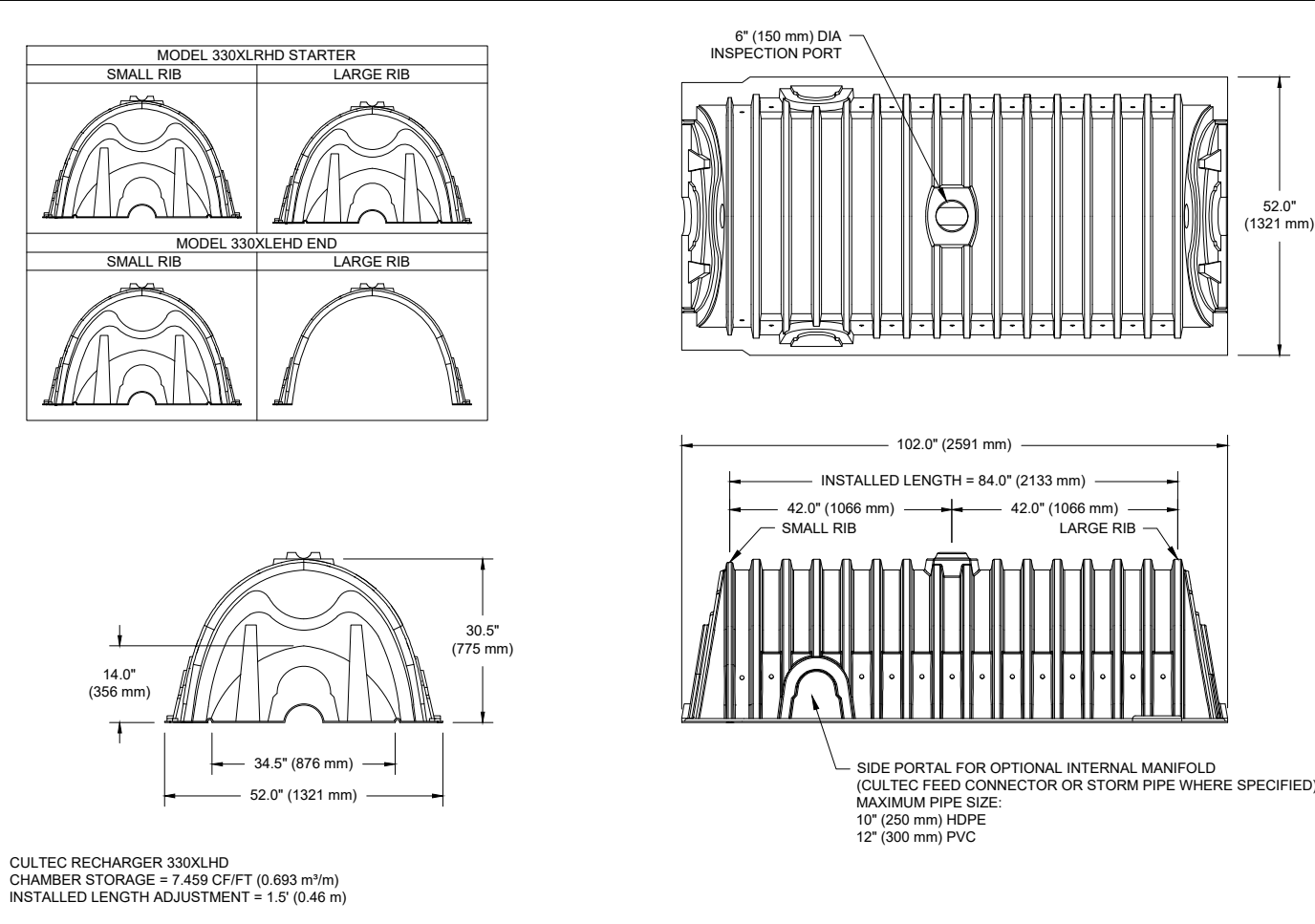
REINFORCING

Diagram illustrating the standard opening for a 6" (150 mm) SDR-35 riser pipe. The diagram shows a cross-section of the pipe with a central opening. The opening is labeled "STANDARD OPENING FOR 6" (150 mm) SDR-35 RISER PIPE". Below the diagram, it states: "PVC BODY CAN BE TRIMMED IN FIELD TO ACCOMMODATE 8" (200 mm) AND 10" (250 mm) SDR-35 RISER PIPE SIZES".

CULTEC INSPECTION PORT - ZOOM DETAIL

CULTEC HVLV FC-24 FEED CONNECTOR THREE VIEW

CULTEC UNIVERSAL INSPECTION PORT KIT DETAIL	
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MODEL 330XLRHD IS A STARTER/STAND ALONE UNIT
THEY ARE USED TO START ROWS OR CAN BE USED SINGULARLY

MODEL 330XLEHD MIDDLE/END UNIT
THEY ARE USED TO CONTINUE ROWS AND ALSO USED TO END A ROW

Diagram illustrating the arrangement of vertical tubes in a row. The tubes are connected by an integral end cap, which is overlapped by the next chamber in the row.

Diagram illustrating the overlap of an integral end cap between adjacent chambers in a row. The diagram shows a side view of a row of chambers. The end cap of one chamber is shown overlapping the side of the next chamber in the row.

	CULTEC RECHARGER 330XLHD HEAVY DUTY END DETAIL INFORMATION
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CULTEC RECHARGER 330XLHD HEAVY DUTY THREE VIEW

[illegible]

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THESE DRAWINGS WERE PREPARED TO SUPPORT THE SITE DESIGN ENGINEER'S PROPOSED STORMWATER MANAGEMENT SYSTEM DESIGN. IN FULL COMPLIANCE WITH ALL APPLICABLE LAWS AND REGULATIONS, IT IS THE SITE DESIGN ENGINEER'S RESPONSIBILITY TO ENSURE THAT THE CULTEC DRAWINGS ARE IN ACCORDANCE WITH THE SITE DESIGN REQUIREMENTS VIA THE SUBMITTAL DRAWING REVIEW PROCESS.

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