









NOTES:

 PROPRIETARY CATCH BASIN HANDHOLDS AND STEPS ARE ACCEPTABLE, PROVIDED THAT THEY CONFORM TO SEC. R, ASTM C478, AASHTO M-199 AND MEET ALL WISHA REQUIREMENTS.

ELEVATION¹

DROP RUNG CATCH BASIN STEP PLAN

- 2. CATCH BASIN STEP/HANDHOLD LEGS SHALL BE PARALLEL OR APPROXIMATELY RADIAL AT THE OPTION OF THE MANUFACTURER, EXCEPT THAT ALL STEPS IN ANY CATCH BASIN SHALL BE SIMILAR. PENETRATION OF OUTER WALL BY A LEG IS PROHIBITED.
- 3. HANDHOLDS AND STEPS SHALL HAVE "DROP" RUNGS AS SHOWN ON DETAIL OR PROTUBERANCES TO PREVENT SIDEWAYS SLIP.
- 4. SLAB OPENING 24" DIAM.
- 5. PLASTIC STEPS SHALL BE POLYPROPYLENE AND CONFORM TO ASTM D-4101 WITH 1/2" ASTM-615 GRADE 60 STEEL REINFORCING BAR. LANE P-14938, M.A. PS2-PF, OR EQUAL.
- STEPS OF LADDERS OR STEPS SHALL EXTEND TO WITHIN 16" OF BOTTOM OF CATCH BASIN.
- 7. HANGING LADDERS SHALL BE PERMANENTLY FASTENED AT TOP BY HANGING ON STEP OR BY BOLTING OR EMBEDDING IN CONCRETE. EACH SHALL BE EMBEDDED AT BOTTOM IN BASE.
- 8. ADDITIONAL SAFETY FEATURES MAY BE REQUIRED IN VERY DEEP OR UNUSUAL STRUCTURES.
- SQUARE OPENING ALLOWED ONLY FOR CATCH BASINS DESIGNED TO COLLECT WATER.



TITLE

LADDER, STEP, AND TOP SLAB, DETAILS

JANUARY 2025 NO SCALE

PREFABRICATED LADDER

NO. D-5