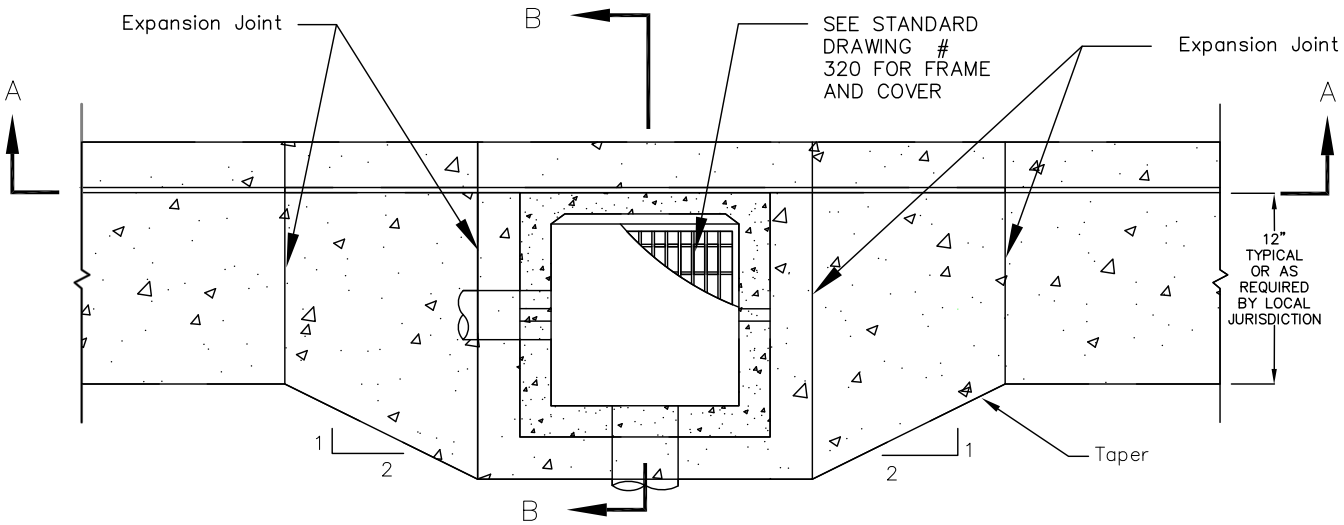
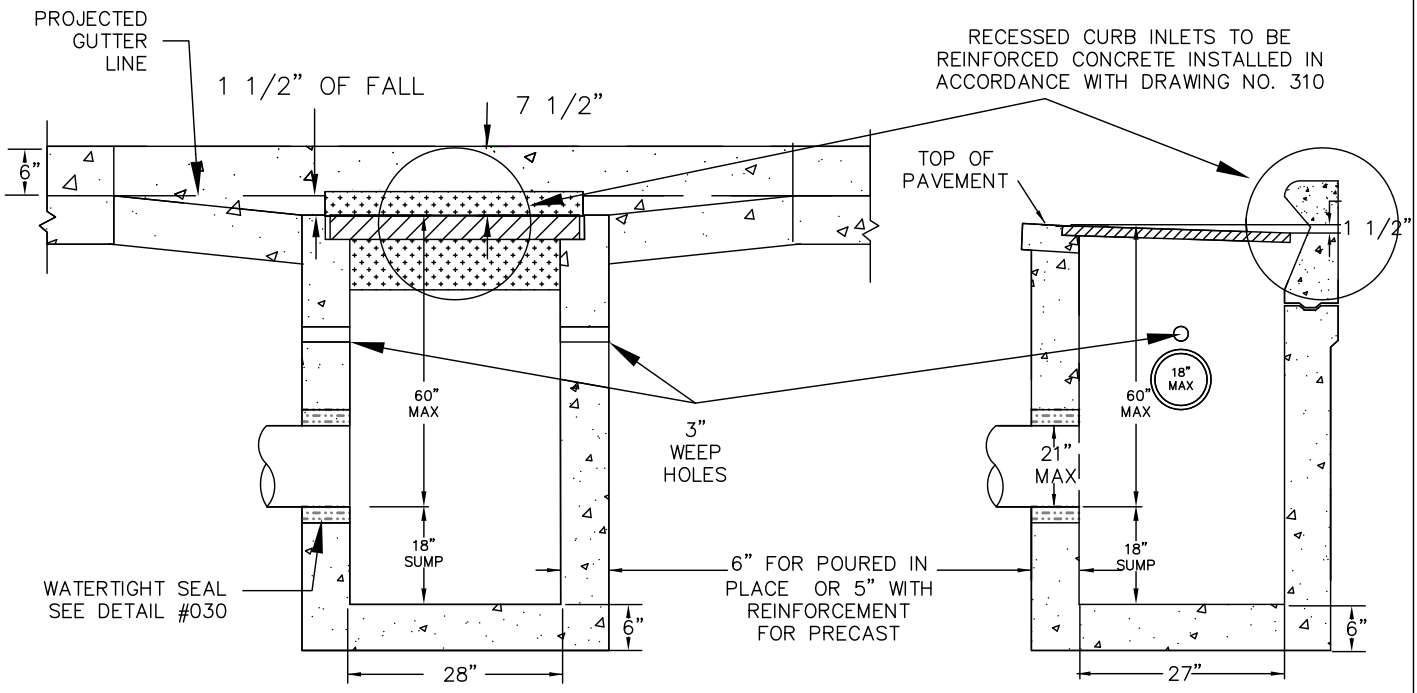


PLAN VIEW – STANDARD CURB AND GUTTER



SECTION A–A

SECTION B–B

NOTES:

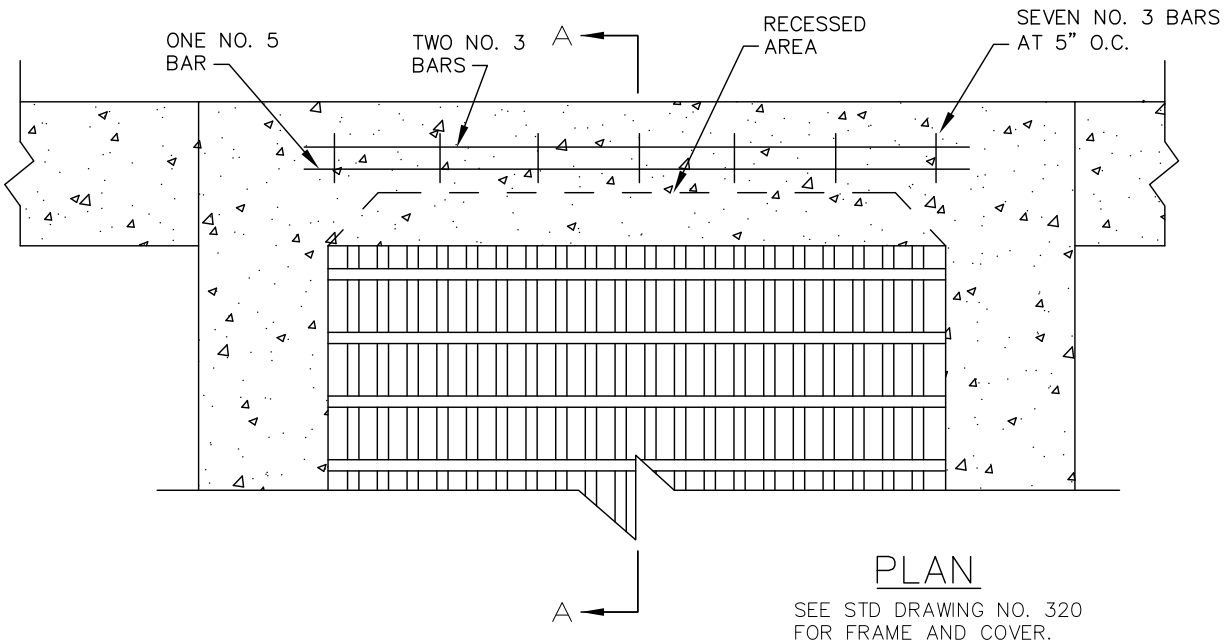
1. CATCH BASIN SHALL BE CONSTRUCTED IN ACCORDANCE WITH ASTM C–478.
2. INSTALL STRUCTURE ON MINIMUM OF 8" OF ¾"–0" COMPACTED BASE MATERIAL.
3. REINFORCEMENT FOR PRE CAST CATCH BASIN SHALL BE REBAR MEETING ASTM A–615 GRADE 60 OR WELDED WIRE MEETING ASTM A–497.
4. ALL POURED IN–PLACE CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 3000 P.S.I. AND A SLUMP OF 2" TO 4".
5. CHANNEL REQUIRED IN FLOW THROUGH APPLICATIONS, AS APPROVED. ALL OTHER APPLICATIONS REQUIRE AN 18" SUMP BELOW LOWEST PIPE INVERT.
6. FULL CURB EXPOSURE REQUIRED CANNOT BE LOCATED IN SIDEWALK RAMPS OR RAMP WINGS.

GUTTER & CURB INLET CATCH BASIN (CG–2)

DRAWING NO. 300

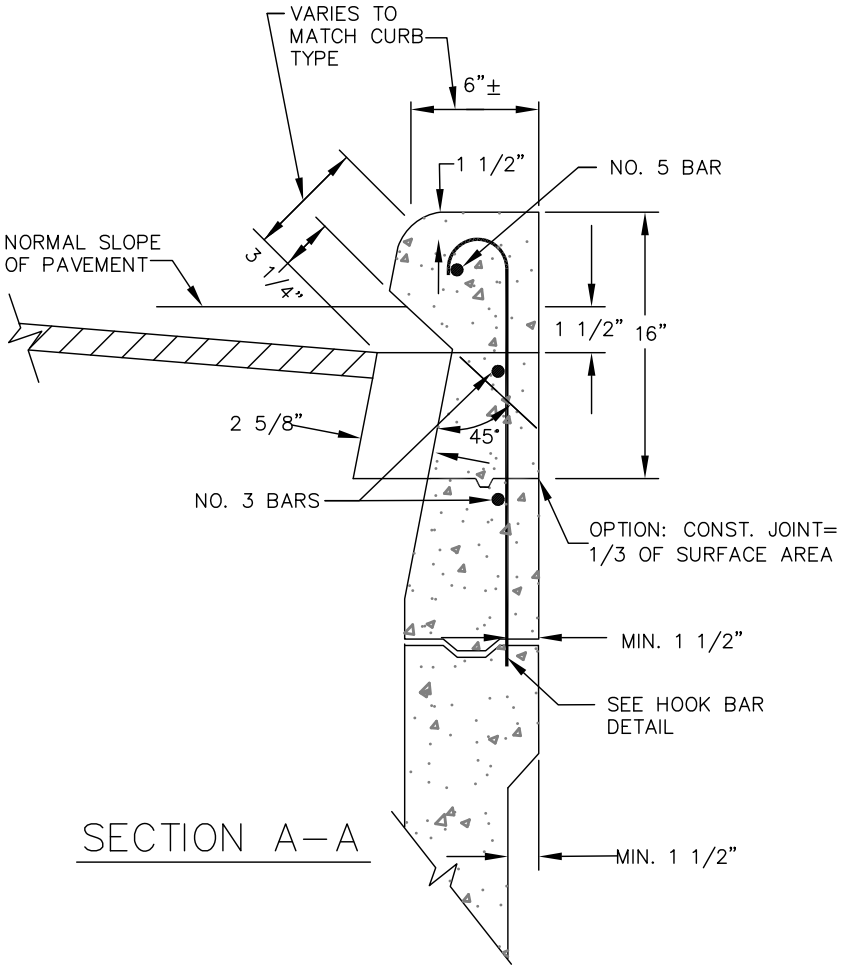
REVISED 09–16

Clean Water Services

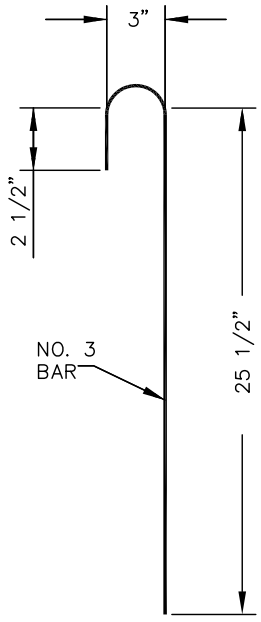


PLAN

SEE STD DRAWING NO. 320 FOR FRAME AND COVER.



SECTION A–A



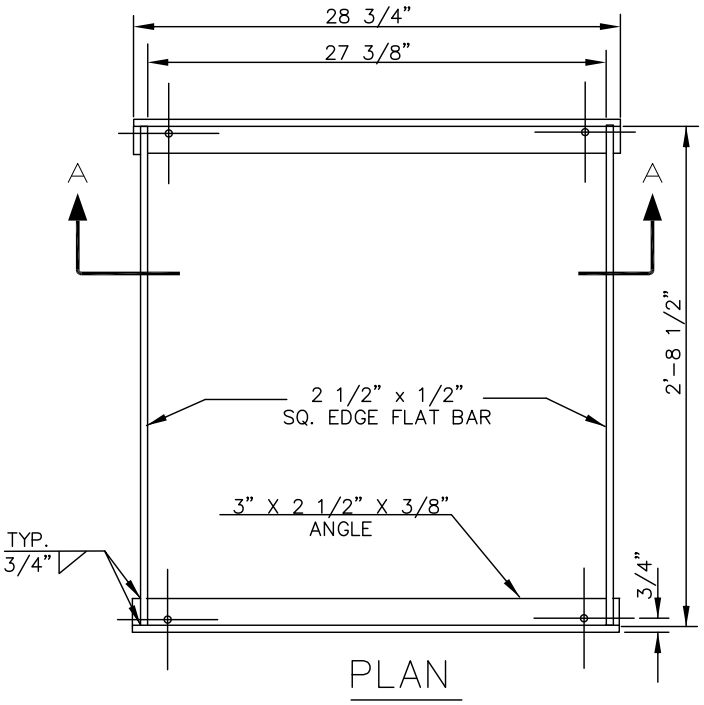
HOOK BAR DETAIL

GUTTER & CURB INLET CATCH BASIN (CG–2) REINFORCEMENT

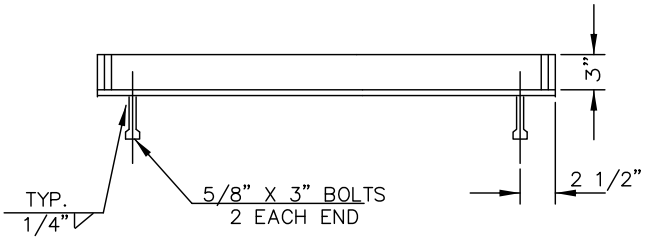
DRAWING NO. 310

REVISED 12–06

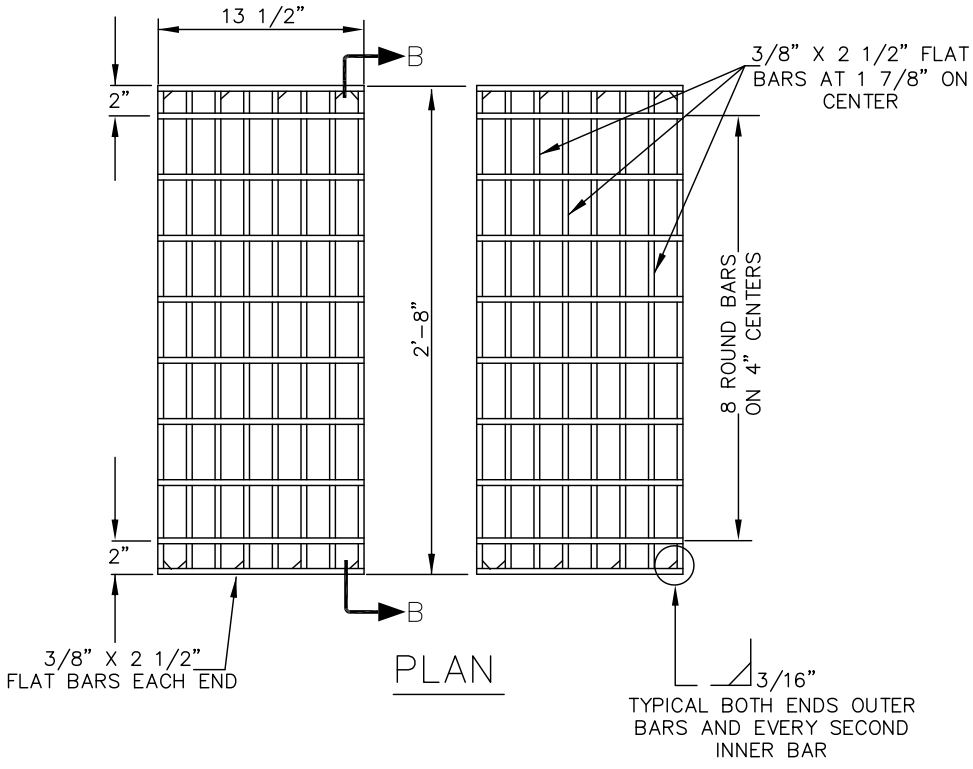
Clean Water Services



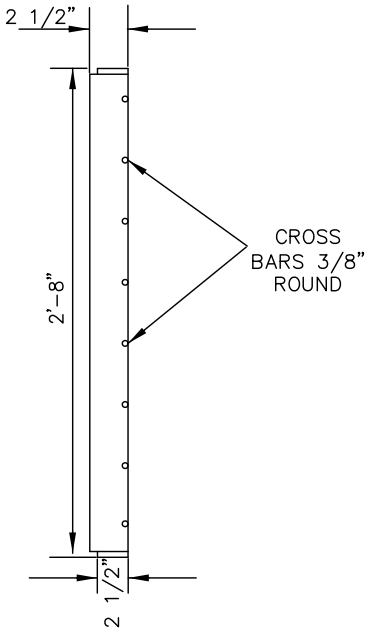
PLAN



SECTION A–A



PLAN



SECTION B–B

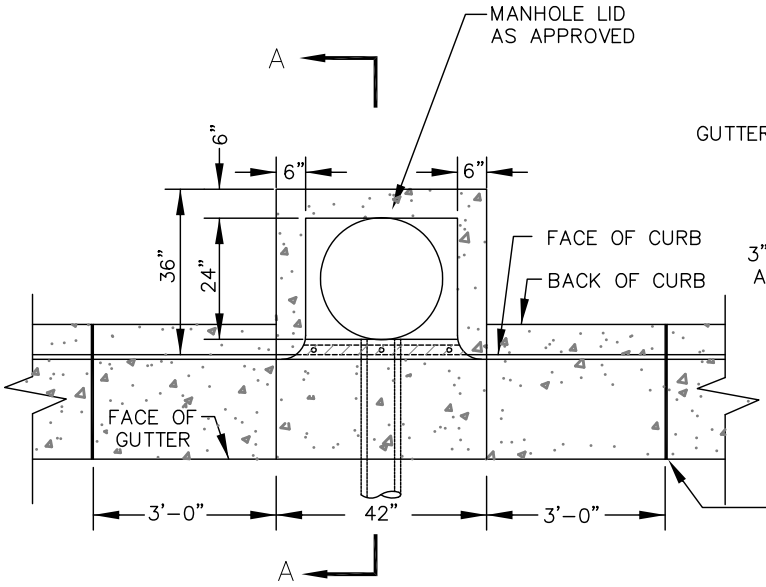
NOTE:
FRAME AND GRATE TO BE NEW STRUCTURAL ASTM A–36 FLAT BAR STEEL OR APPROVED EQUAL.

CATCH BASIN FRAME AND GRATE (CG–2)

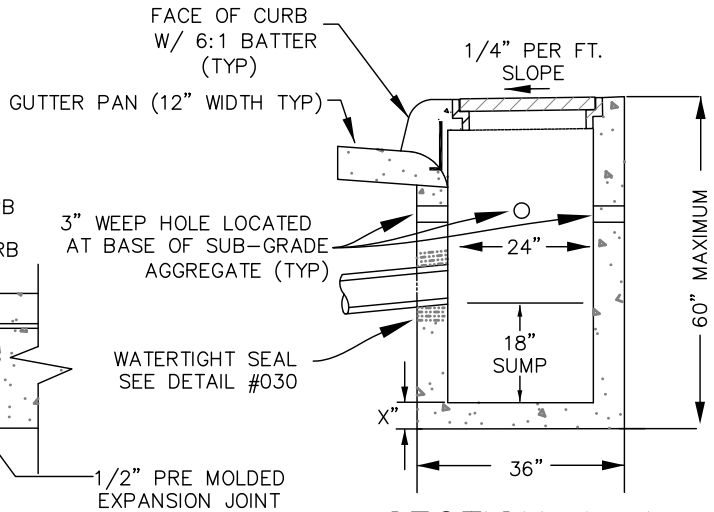
DRAWING NO. 320

REVISED 12–06

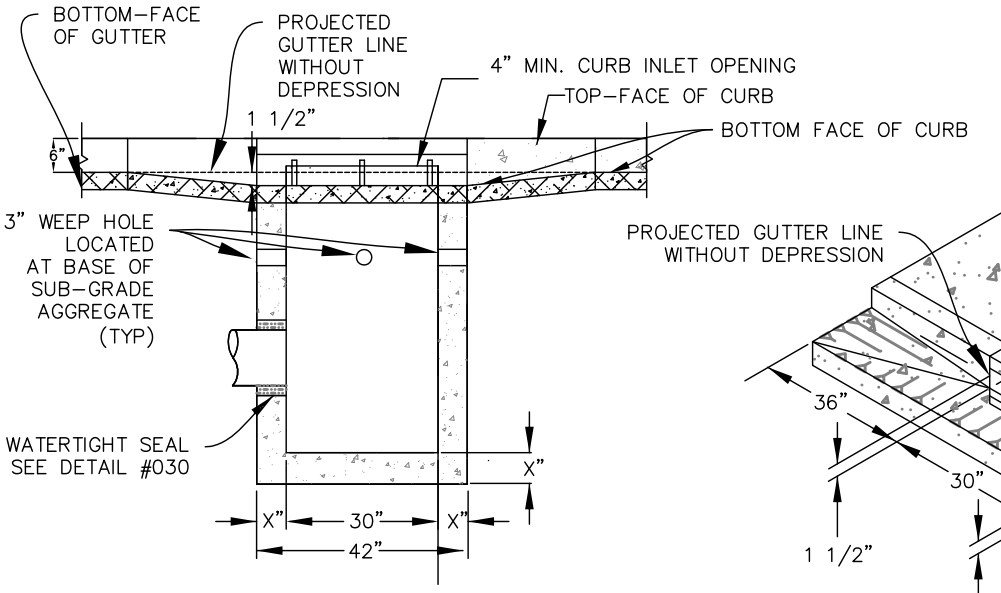
Clean Water Services



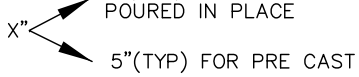
PLAN VIEW

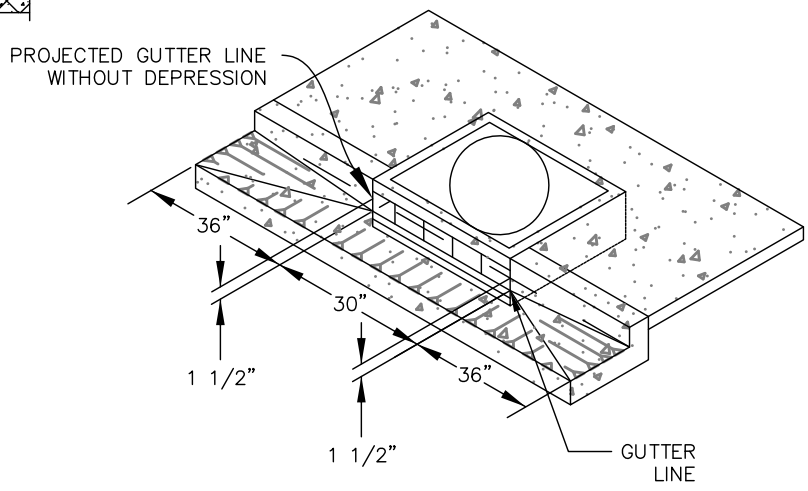


SECTION A-A



FRONT VIEW





PERSPECTIVE VIEW SHOWING
DEPRESSED GUTTER AT CURB INLET

NOTES:

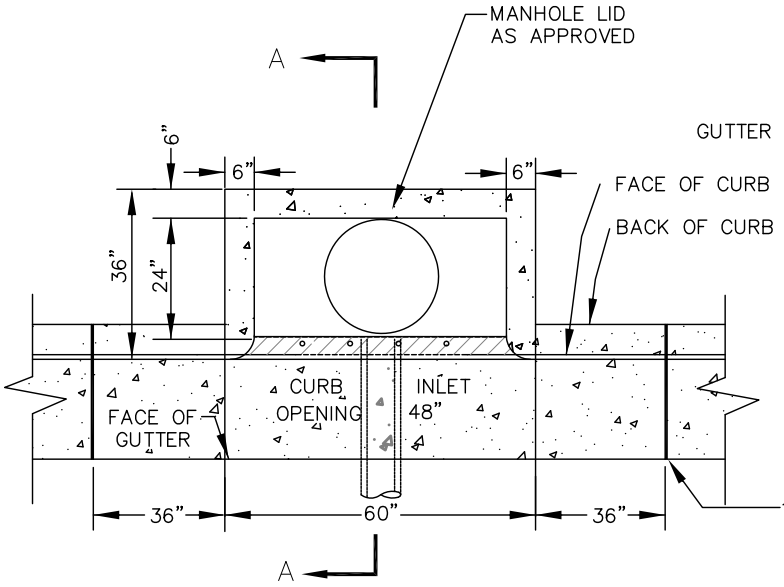
1. ALL POURED IN PLACE CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 3000 P.S.I. AND A SLUMP OF 2" TO 4".
2. INSTALL STRUCTURE ON MINIMUM OF 8" OF ¾" TO 0" COMPACTED BASE MATERIAL.
3. NON-SUMP INLET CATCH BASINS SHALL BE CHANNELED (E.G. FLOW THROUGH CBs).

INLET CATCH BASIN (CG-30)

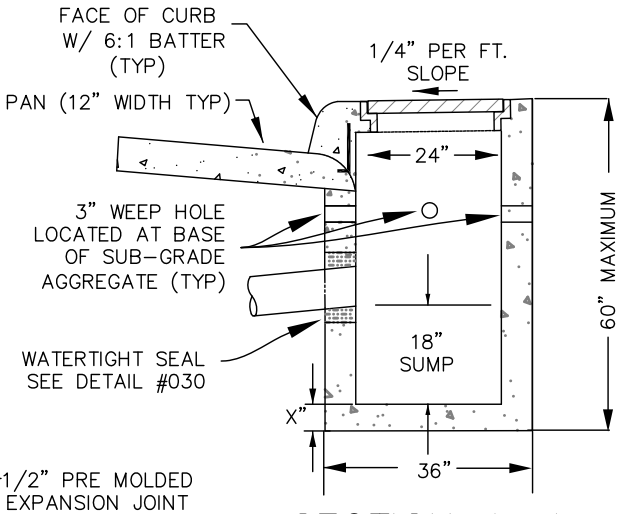
Clean Water Services

DRAWING NO. 330

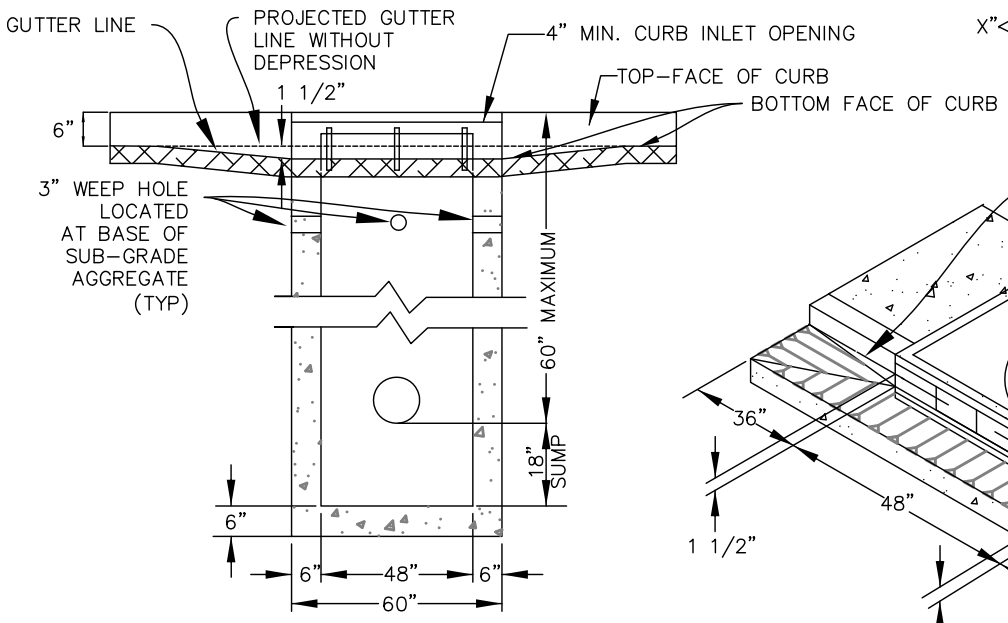
REVISED 12-16



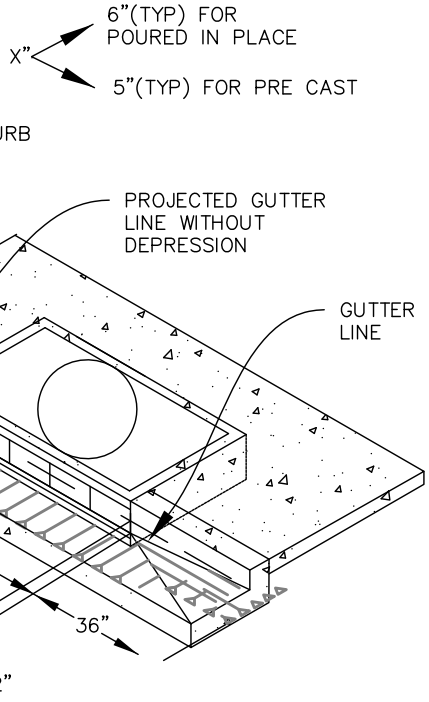
PLAN VIEW



SECTION A–A



FRONT VIEW



PERSPECTIVE VIEW SHOWING
DEPRESSED GUTTER AT CURB INLET

NOTES:

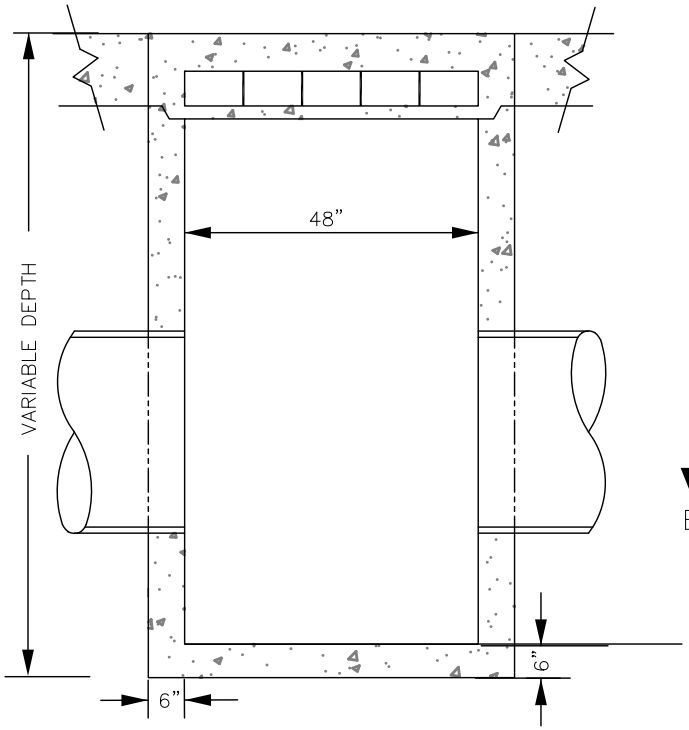
1. ALL FABRICATED METAL PARTS SHALL BE NEW STRUCTURAL, ASTM A–36 STEEL, AND BE HOT–DIPPED GALVANIZED AFTER FABRICATION.
2. ALL POURED IN PLACE CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 3000 P.S.I. AND A SLUMP OF 2" TO 4".
3. INSTALL STRUCTURE ON MINIMUM OF 8" OF ¾" TO 0" COMPACTED BASE MATERIAL.
4. NON–SUMP INLET CATCH BASINS SHALL BE CHANNELED (E.G. FLOW THROUGH CBs).

INLET CATCH BASIN (CG–48)

DRAWING NO. 340

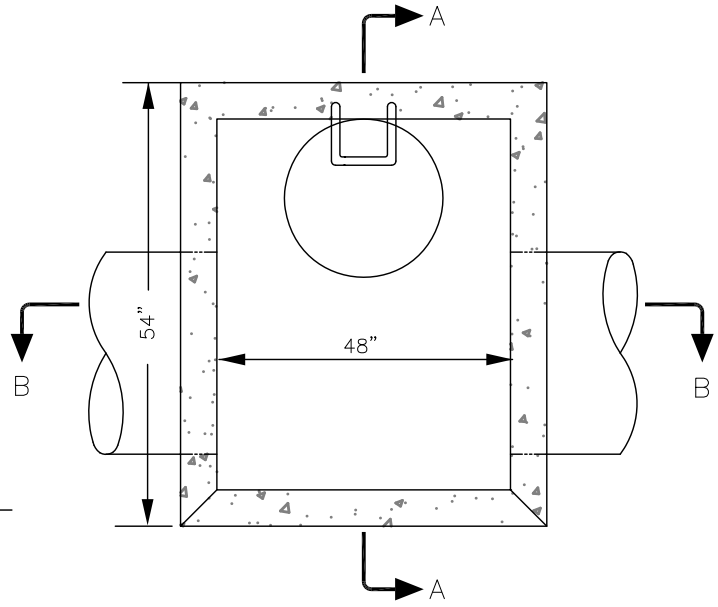
REVISED 12–16

Clean Water Services

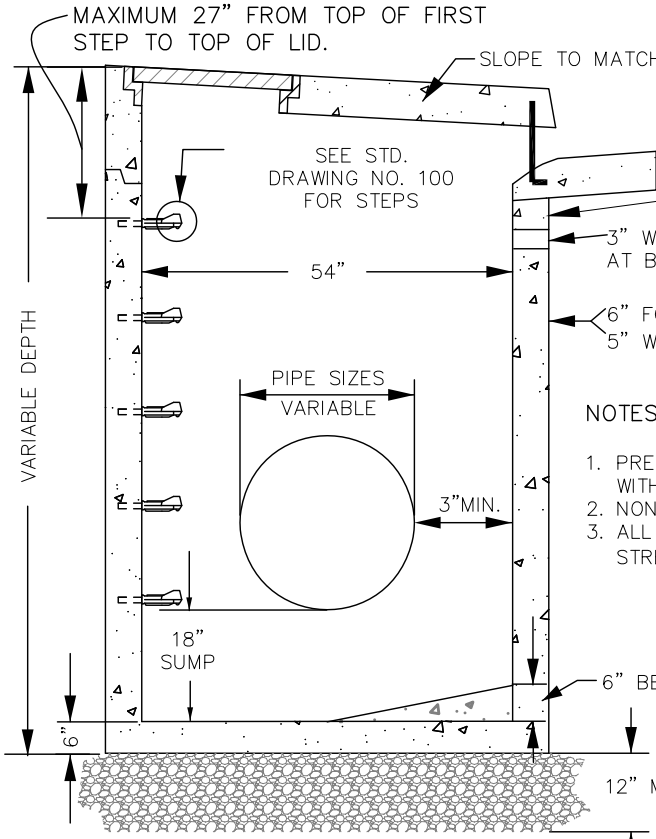


SECTION B–B

SEE STD. DRAWING NO. 370 FOR TOP SECTION DETAILS



PLAN VIEW



SECTION A–A

NOTES:

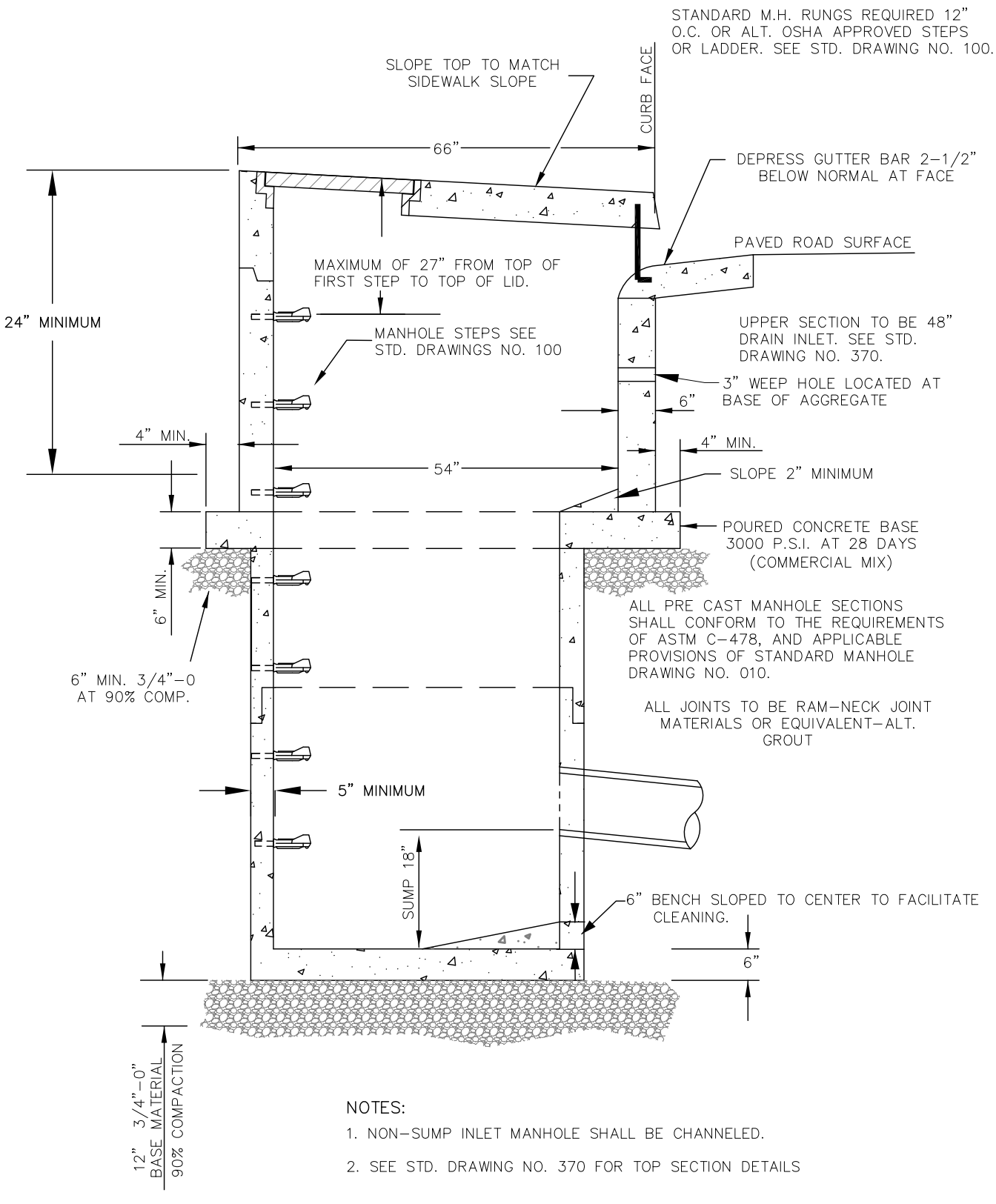
1. PRE CAST CATCH BASIN SHALL BE CONSTRUCTED IN ACCORDANCE WITH ASTM C–478.
2. NON–SUMP INLET MANHOLE SHALL BE CHANNELED.
3. ALL POURED IN PLACE CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 3000 PSI. AND A SLUMP OF 2" TO 4"

CURB INLET MANHOLE (CG–48 M.H.)

DRAWING NO. 350

REVISED 01–13

Clean Water Services



NOTES:

1. NON-SUMP INLET MANHOLE SHALL BE CHANNELED.
2. SEE STD. DRAWING NO. 370 FOR TOP SECTION DETAILS

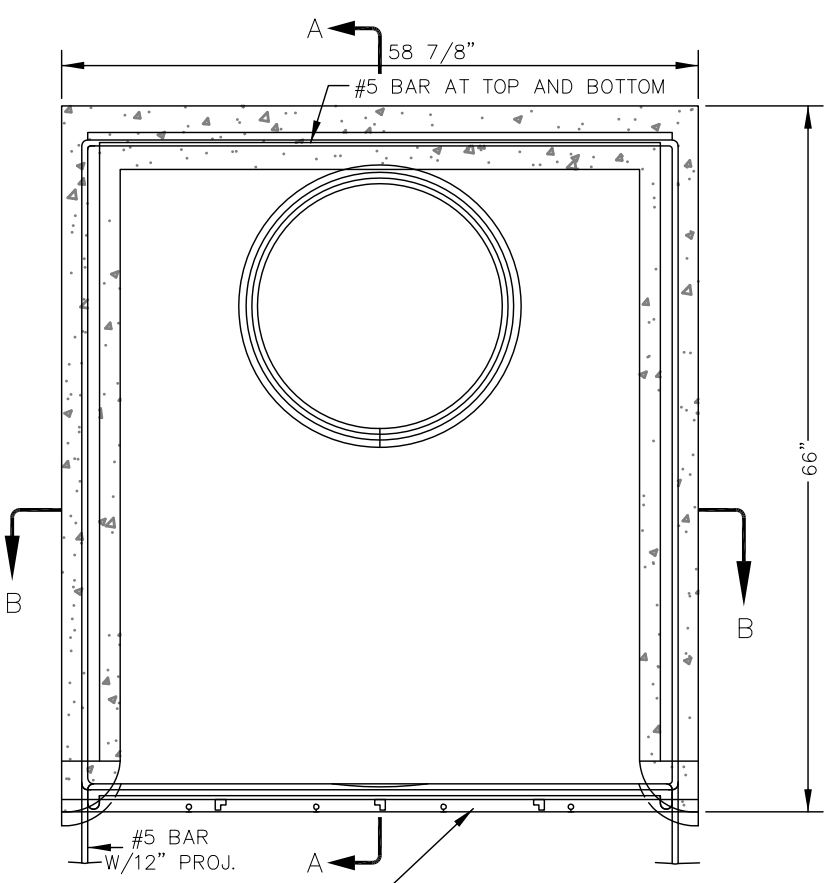
APPROVED FOR USE BY WASHINGTON COUNTY ONLY.

MODIFIED CURB INLET MANHOLE (MOD.CG-48MH)

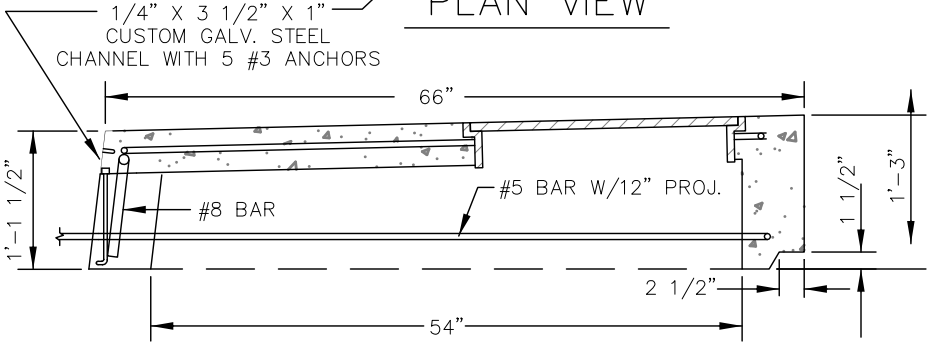
DRAWING NO. 360

REVISED 01-13

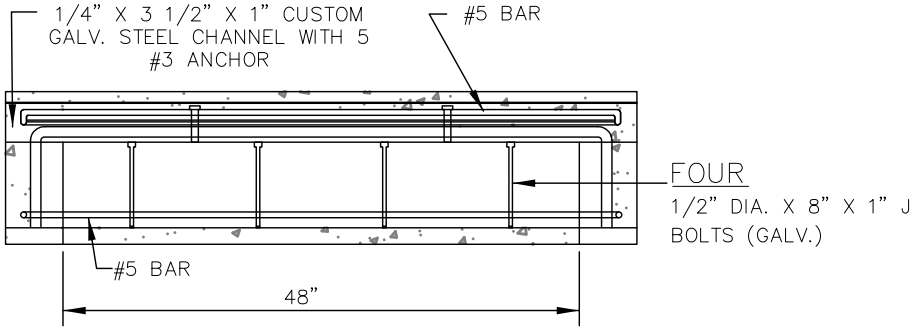
Clean Water Services



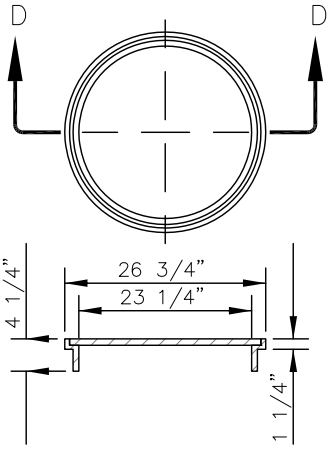
PLAN VIEW



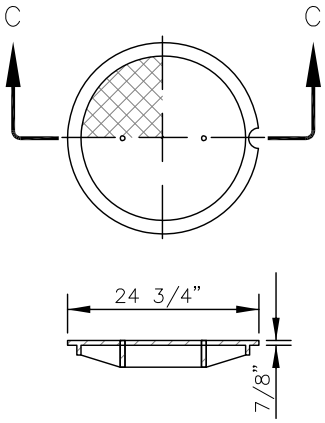
SECTION A–A



SECTION B–B

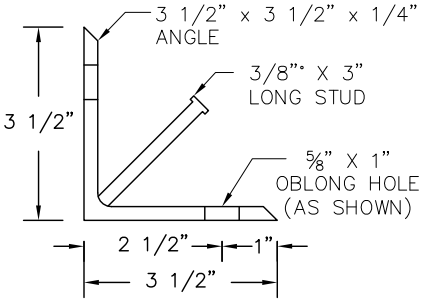


SECTION D–D



SECTION C–C

MANHOLE FRAME
AND COVER
(LIGHT DUTY)



STEEL CHANNEL
DETAIL

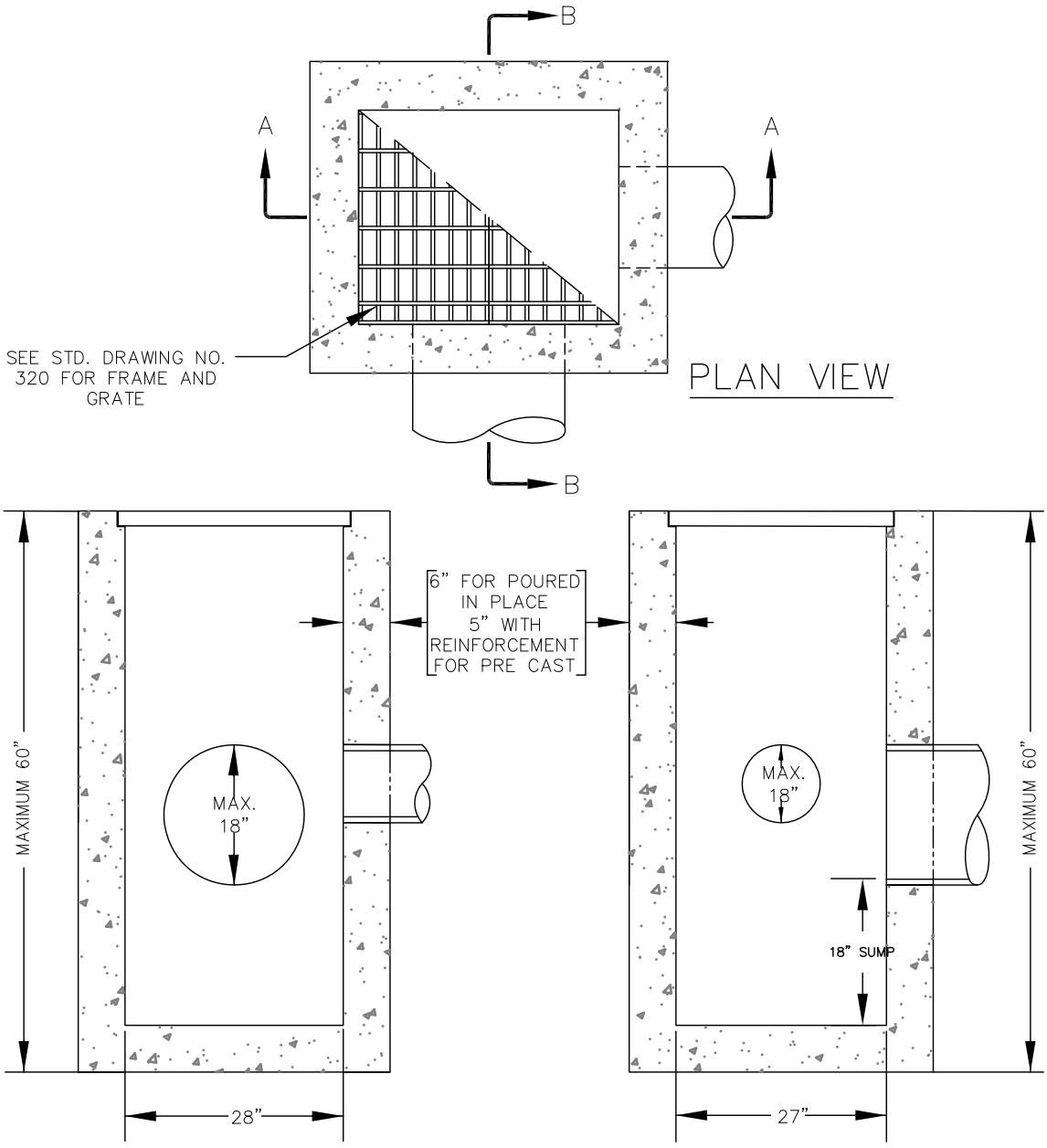
NOTE:
MATERIAL SHALL BE NEW STRUCTURAL ASTM A–36 STEEL

TOP–CURB INLET MANHOLE AND MODIFIED CURB INLET MANHOLE
(CG–48 M.H. AND MOD. CG–48 M.H.)

DRAWING NO. 370

REVISED 01–13

Clean Water Services



PLAN VIEW

SECTION A–A

SECTION B–B

NOTES:

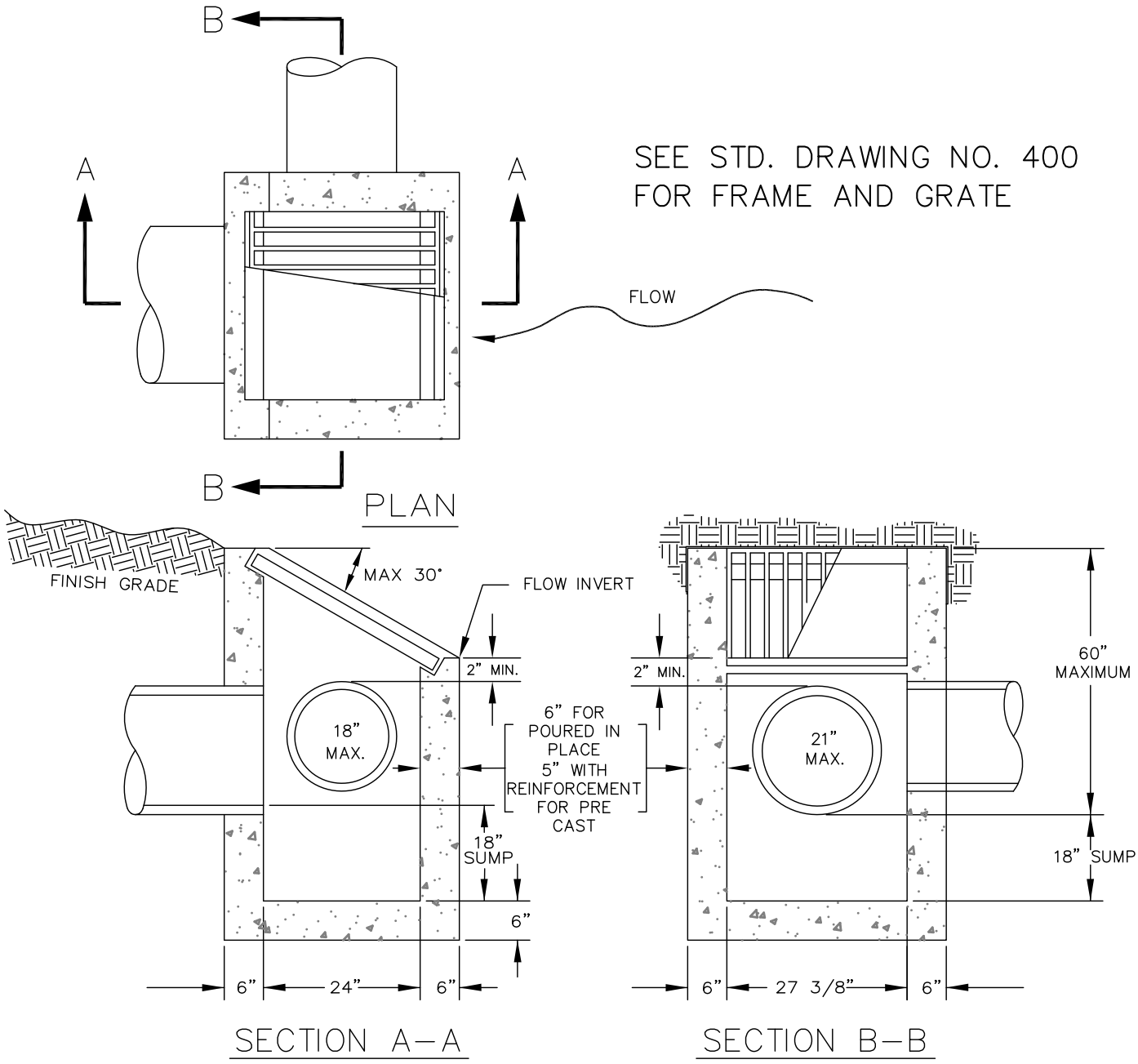
1. ALL PRE CAST SECTIONS SHALL CONFORM TO REQUIREMENTS OF ASTM C–478.
2. INSTALL STRUCTURE ON MIN. OF 8" OF ¾"–0" COMPACTED BASE MATERIAL.
3. PRE CAST REINFORCEMENT SHALL BE REBAR MEETING ASTM A615 GRADE OR WELDED WIRE MEETING ASTM A497.
4. ALL POURED INPLACE CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 3000 P.S.I. AND A SLUMP OF 2" TO 4".
5. AREA DRAINS IN REAR OR SIDE YARDS SHALL NOT BE SUMPED AND SHALL BE PROPERLY CHANNELIZED. DITCH INLETS SHALL BE EQUIPPED WIHT AN 18" SUMP.
6. PRE–CAST STRUCTURE'S CONFORMING TO O.D.O.T. TYPE G–2 CATCH BASIN INLET ARE AN ACCEPTABLE ALTERNATE. (ALL GRATE MATERIALS AND DIMENSIONS SHALL MEET C.W.S. STANDARDS AS SHOWN ON DETAIL #320)

AREA DRAIN TYPE II

DRAWING NO. 380

REVISED 01–13

Clean Water Services



SEE STD. DRAWING NO. 400
FOR FRAME AND GRATE

NOTES:

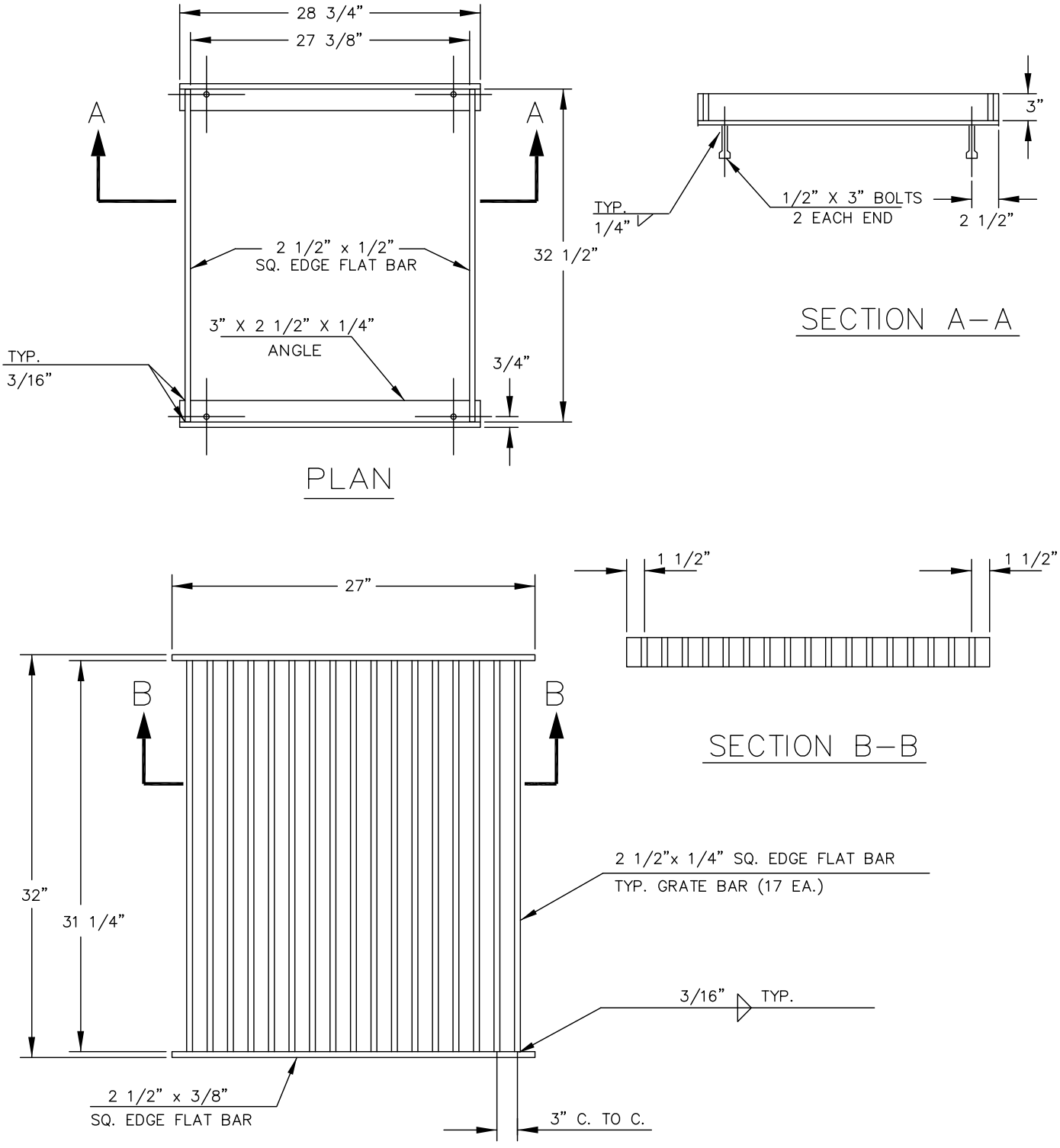
1. ALL PRE CAST SECTIONS SHALL CONFORM TO REQUIREMENTS OF ASTM C–478.
2. INSTALL STRUCTURE ON MINIMUM OF 8" OF 3/4" – 0" COMPACTED BASE MATERIAL.
3. PRE CAST REINFORCEMENT SHALL BE REBAR MEETING ASTM A615 GRADE 60 OR WELDED WIRE MEETING ASTM A497
4. ALL POURED IN PLACE CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 3000 PSI AND SLUMP OF 2" TO 4".
5. PRE–CAST STRUCTURE'S CONFORMING TO O.D.O.T. TYPE G–2 CATCH BASIN DESIGN/WITH DITCH INLET TOP ARE AN ACCEPTABLE ALTERNATE. ALL GRATE MATERIALS SHALL MEET C.W.S. STANDARDS AS SHOWN ON DETAIL #400

DITCH INLET

DRAWING NO. 390

REVISED 05–07

Clean Water Services



NOTES:

FRAME AND GRATE SHALL BE NEW STRUCTURAL ASTM A–36 FLAT BAR STEEL OR APPROVED EQUAL.

DITCH INLET FRAME AND GRATE

DRAWING NO. 400

REVISED 12–06

Clean Water Services