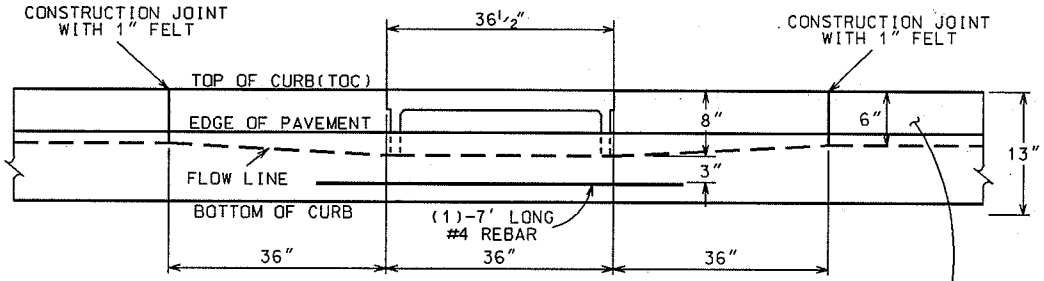
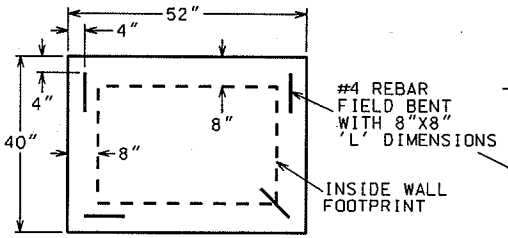
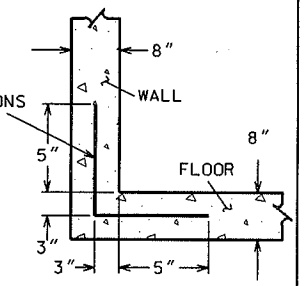


FRONT ELEVATION



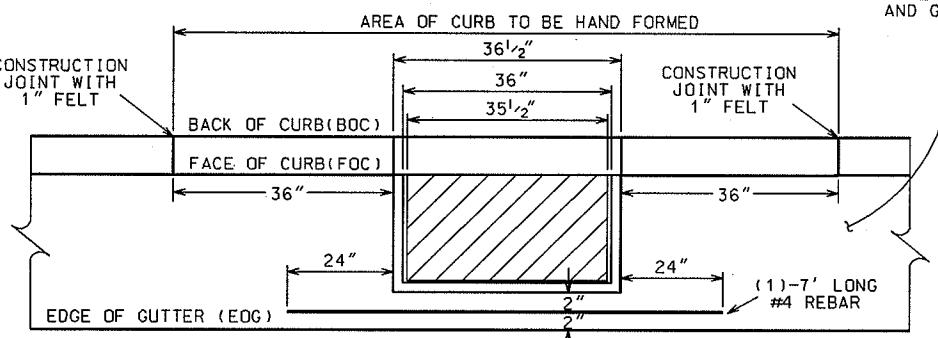
THREE ACCEPTABLE ORIENTATIONS OF LEG INTO BASE SHOWN. CENTER REBAR AT THE CORNER OF OF THE INLET.

TOP VIEW OF FLOOR WITH INSIDE WALL FOOTPRINTS



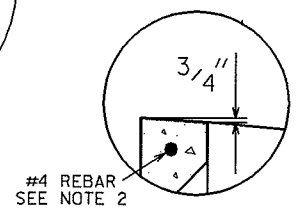
INLET WALL AND FLOOR INTERSECTION

FIELD POURED FLOOR REINFORCEMENT



PLAN VIEW

NOTE: TYPE "A" CURB AND GUTTER SHOWN

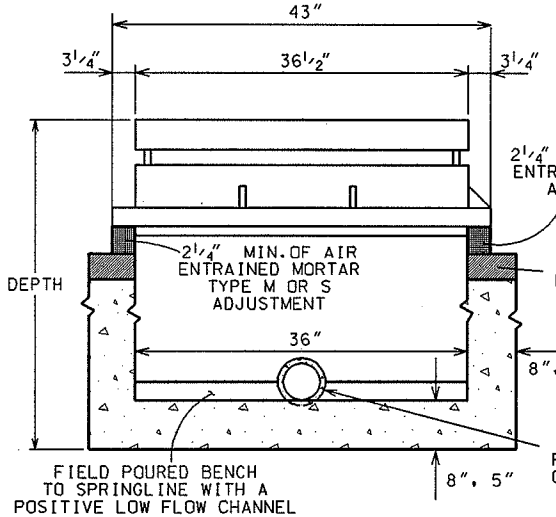


NOTE: 3/4" TILT CREATES SPECIFIED FLOW LINE DEPRESSION

INSET

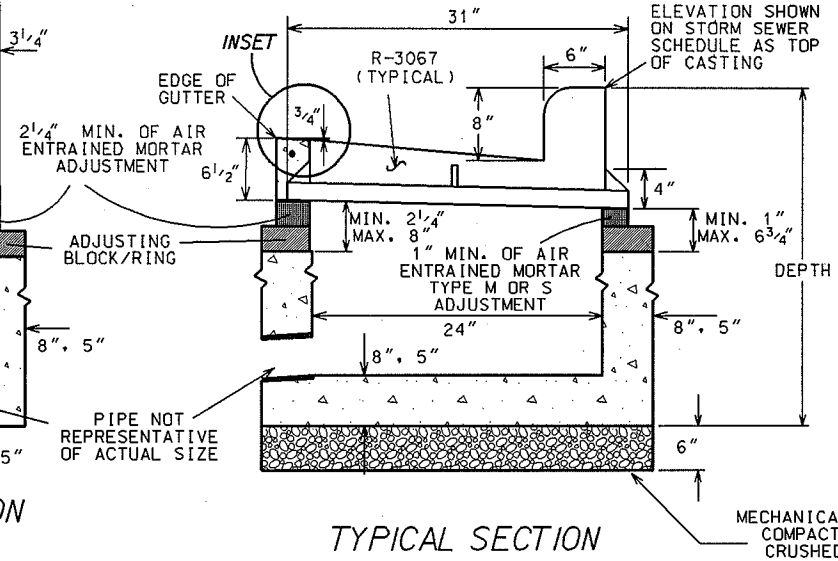
NOTES:

1. PRECAST REINFORCED CONCRETE STRUCTURES MAY BE USED IF APPROVED ACCORDING TO SECTION 106.3. 507.3 (b) OF THE STANDARD SPECIFICATIONS.
2. INSTALLATION COST OF INLETS SHALL INCLUDE THE COST OF REINFORCING BARS AS FOLLOWS:
   - (1)-#4 BARS 7"-0" LONG IN CONCRETE GUTTER ALONG THE FRONT OF INLET.
   - (4) #4 REBARS FIELD BENT WITH 8"X8" 'L' DIMENSIONS.
3. WHEN AN "S" INLET IS SPECIFIED. THE INSIDE DIMENSIONS OF THE STANDARD "H" INLET SHALL BE ALTERED TO 2'-4" x 1'-6".
4. PRECAST INLETS REQUIRE 2" OF CONCRETE FROM THE EDGE OF CUTOUT/KNOCKOUT TO THE INSIDE WALLS AND TO THE TOP OF STRUCTURE.
5. FIELD POURED STRUCTURES SHALL HAVE A BENCH POURED INSIDE TO THE SPRINGLINE OF THE PIPES CREATING A POSITIVE LOW FLOW CHANNEL AS SHOWN IN THE TYPICAL FRONT SECTION VIEW.
6. ASSUMING 90 DEGREE PIPE CONNECTIONS, THE MAXIMUM PIPE OUT A 3' SIDE IS 21" AND THE MAXIMUM PIPE OUT A 2' SIDE IS 12".
7. WALL THICKNESS DIMENSIONS OF 8" AND 5" CORRESPOND TO CAST-IN-PLACE AND PRECAST STRUCTURES. RESPECTIVELY.
8. THERE SHALL BE AN 8" FLOWLINE DEPRESSION FROM TOC ALONG THE INLET TAPERED FROM THE TYPICAL 6" FLOWLINE AS SHOWN IN THE FRONT ELEVATION.
9. SEE STANDARD DETAIL DRAWING 5.7.29 FOR INLET CASTING OFFSET CRITERIA FOR H INLETS.
10. FLOOR REINFORCEMENT REQUIRED IN ALL FIELD POURED INLETS



TYPICAL FRONT SECTION

INLET DEPTH AS PER PLANS



TYPICAL SECTION

INLET DEPTH AS PER PLANS

DRAWING NOT TO SCALE

2004

CITY OF MADISON
ENGINEERING DIVISION

TYPE "H" INLET

STANDARD DETAIL DRAWING 5.7.7