



- A. MATERIAL SHALL BE CAST IRON MEETING THE REQUIREMENTS OF 711.12. CASTINGS SHALL BE FREE FROM BLOWHOLES AND OTHER DEFECTS, SHALL BE CLEANED OF ALL SCALE AND GREASE, AND RECEIVE TWO COATS OF BITUMINOUS PAINT. UPON COMPLETION OF ALL WORK THE LID SEAT SHALL BE THOROUGHLY CLEANED OF ALL DIRT, CONCRETE OR OTHER DEBRIS TO INSURE A FIRM SEAT AND EASE OF REMOVAL.
- B. TRANSITION CURB FACE ACROSS WIDTH OF INLET.
- C. TWO NO. 5 REINFORCING RODS PLACED AS SHOWN. WHERE DROP CURB OCCURS INSTALL RODS LOW AND MAINTAIN 2" MINIMUM COVER.
- D. INSTALL UNDERDRAIN PIPE THRU INLET WALL ON UPHILL SIDE, OR ON BOTH SIDES IF INLET IS IN A SUMP.
- E. 8" BRICK WALL LAID UP IN PORTLAND CEMENT MORTAR. EVERY SEVENTH COURSE TO BE A STRETCHER COURSE.
- F. USE BRICK PIECES FOR FILLER WHEN CASTING IS MORE THAN 1" OFF BRICK. SET CASTING ON FULL MORTAR BED.
- G. IN CASE OF CONFLICT WITH EXISTING UTILITIES, NOTIFY THE RESPECTIVE OWNERS FOR RELOCATION OF LINES. DO NOT INCORPORATE UTILITY LINE INTO ANY PART OF THE INLET.
- H. DEPRESS CASTING SLIGHTLY LOWER THAN PAVEMENT SURFACE.
- I. SEE STD. DWG. NO. I-1 FOR CASTING DETAILS
- J. CASTINGS MUST BE INSTALLED ON A STRAIGHT GRADE BETWEEN POINTS ① & ②.

CONCRETE CLASS 'C'  
No. 57 SLAG

SECTION A-A

DO NOT SCALE - USE DIMENSIONS ONLY

CITY OF AKRON BUREAU OF ENGINEERING	CONSTRUCTION STANDARD DWG. No. 1-2.1
<i>Michael Madonis</i> 3/14/02 MANAGER, DESIGN DIVISION	DOUBLE NO. 2 INLET
<i>Damon P. Weber</i> 3/15/02 MANAGER, CONSTRUCTION DIVISION	REVISIONS:
<i>David J. Hill</i> CITY ENGINEER	