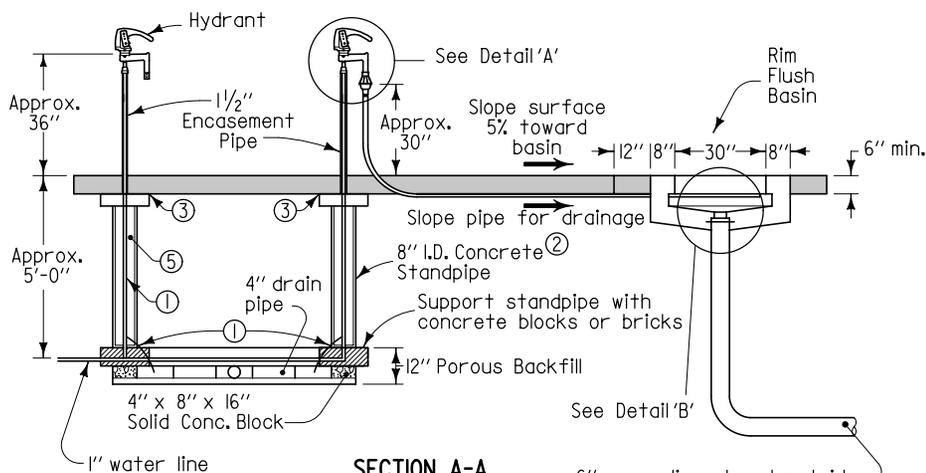
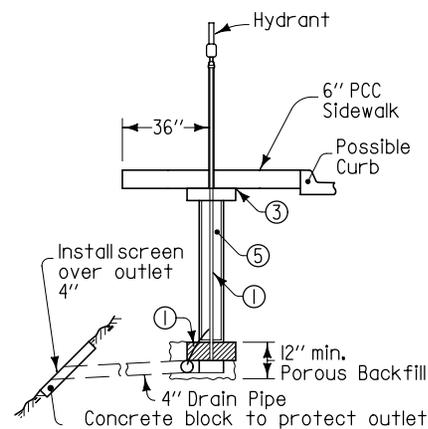


PLAN



SECTION A-A



SECTION B-B

6" sewer line placed outside of station shall be paid for separately.

Hydrants shall be combination freezeless and standard operating units or freezeless and self-closing (as designated on the plans), of a design and construction approved by the Engineer and equipped with approved model accessory attachment as indicated. Riser pipe for hydrants shall be one inch I.D. galvanized water pipe.

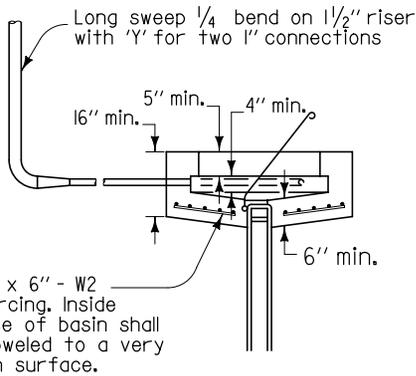
After the water line (to the last hydrant on the line) has been placed and inspected, the line shall be tested and proven free of leaks under 100 lbs. per square inch air pressure with soap and water or other proven means. The line shall be required to maintain such pressure 24 hours. Upon successful completion of inspection and testing, excavated material shall be returned to the trench and tamped. Water lines for rim flush basin shall be either type "K" copper or galvanized pipe.

Advisory signs and a single 4 inch x 4 inch post will be furnished by the Iowa Department of Transportation. Mount signs back-to-back on post. Exact location is to be determined by the Engineer at the time of installation by the Contractor.

Details shown for hatch cover are typical. It shall be self-closing, cast bronze type of a design and construction approved by the Engineer. Handle shall be shaped to ensure self-closing feature.

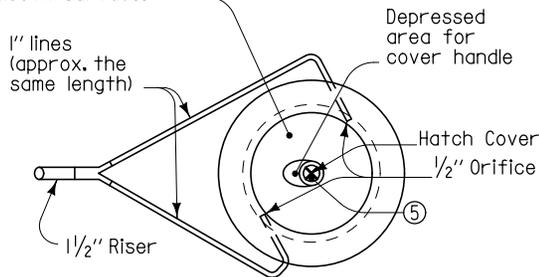
- ① Copper tube connection. Place hydrant drain a minimum of 2 inches above porous backfill to ensure proper operation.
- ② Position 8-inch I.D. Standpipe so that no damage will result to the normal operation of water lines and drain tile located in the immediate vicinity.
- ③ Block standpipe to prevent concrete from entering pipe during construction of slab.
- ④ Inside of standpipe shall be void of material.
- ⑤ 4-inch cast iron threaded base with bronze cover and handle and provisions for locking model 41 from VAREC, Inc. Cypress, CA.

 Iowa Department of Transportation	REVISION NEW 10-20-09
	STANDARD ROAD PLAN
REVISIONS: New. Replaces RA-59.	SW-350
Deanna Maifield APPROVED BY DESIGN METHODS ENGINEER	SHEET 1 of 2
TRAVEL TRAILER DUMP STATION	



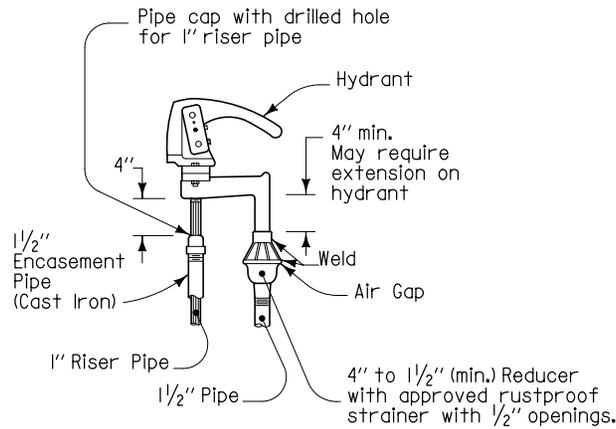
TYPICAL SECTION

WWF 6" x 6" - W2 reinforcing. Inside surface of basin shall be troweled to a very smooth surface.



PLAN

RIM FLUSH BASIN



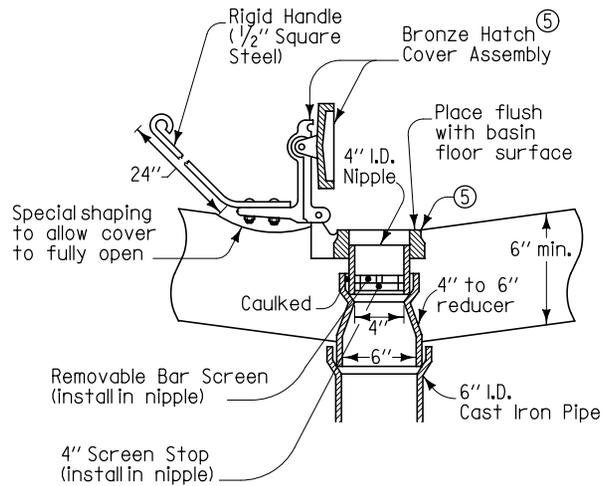
DETAIL 'A'



(Facing Traffic)

(Facing Facility)

ADVISORY SIGNS



DETAIL 'B'

⑤ 4-inch cast iron threaded base with bronze cover and handle and provisions for locking model 4I from VAREC, Inc. Cypress, CA.

<p>Iowa Department of Transportation</p>	REVISION
	NEW 10-20-09
STANDARD ROAD PLAN	SW-350
	SHEET 2 of 2

REVISIONS: New. Replaces RA-59.

Deanna Mailfield
APPROVED BY DESIGN METHODS ENGINEER

TRAVEL TRAILER
DUMP STATION