



NOTES:

1. CATCH BASINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ASTM C 478 (AASHTO M 199) AND ASTM C 890.
2. PRECAST BASES SHALL BE FURNISHED WITH FOUR CUTOUTS OR KNOCKOUTS. KNOCKOUTS SHALL HAVE A MINIMUM WALL THICKNESS OF 2 INCHES.
3. THE CATCH BASIN SHALL BE INSTALLED SO THE LONG SIDE (34 INCHES) IS PARALLEL WITH THE CURB. THE DISTANCE FROM THE CENTER LINE OF THE CATCH BASIN TO THE BACK EDGE OF THE CURB IS 18 INCHES FOR A 30-INCH BY 34-INCH CATCH BASIN.
4. AN ENTRY COUPLING OR SAND COLLAR IS REQUIRED FOR PVC PIPE WHERE THE PIPE PENETRATES THE CATCH BASIN BASE.
5. MAXIMUM DEPTH FROM PIPE INVERT TO FINISH GRADE IS 5 FEET.
6. MINIMUM COVER FROM TOP OF PIPE TO FINISH GRADE UNDER ROADWAYS IS 36 INCHES FOR PVC AND 18 INCHES FOR DUCTILE IRON PIPE.
7. ADJUSTMENT RINGS AND THE CATCH BASIN GRATE SHALL BE WITHIN ONE INCH OF THE VERTICAL ALIGNMENT OF THE CATCH BASIN. PLACE CONCRETE AROUND OUTSIDE OF ADJUSTMENT RINGS AND GRATE TO PREVENT INFILTRATION OR EXFILTRATION. FRAME AND GRATE SHALL COMPLY WITH SECTION 9-05.15(2).
8. ALL CONSTRUCTION AND MATERIALS SHALL MEET THE SPECIFICATIONS AND BE APPROVED BY THE CITY OF EPHRATA.

CATCH BASIN TYPE 1

EPHRATA PUBLIC WORKS DEPARTMENT

CITY OF EPHRATA

DRAWN _____
 CHECK _____
 SCALE NTS
 DATE 10/03/08



A-10

DATE	REVISION	BY

GRANT COUNTY

WASHINGTON