

**NOTE:**  
REFERENCE DETAIL S7 FOR MANHOLE  
FRAME AND COVER INFORMATION

SAWCUT, THEN CLEAN  
AND TACK EDGES WITH  
SEALER CSS1 AND SEAL  
JOINTS WITH HOT ASPHALT  
CEMENT (AR4000W)

ADJUSTMENT TO DESIRED  
GRADE SHALL BE MADE WITH  
USE OF CONCRETE  
ADJUSTMENT RINGS

HMA FULL-DEPTH  
RESTORATION

2" CRUSHED SURFACING  
TOP COURSE

SEE DETAIL S1 FOR MINIMUM AND  
MAXIMUM MANHOLE ADJUSTMENT  
AND STEP REQUIREMENTS

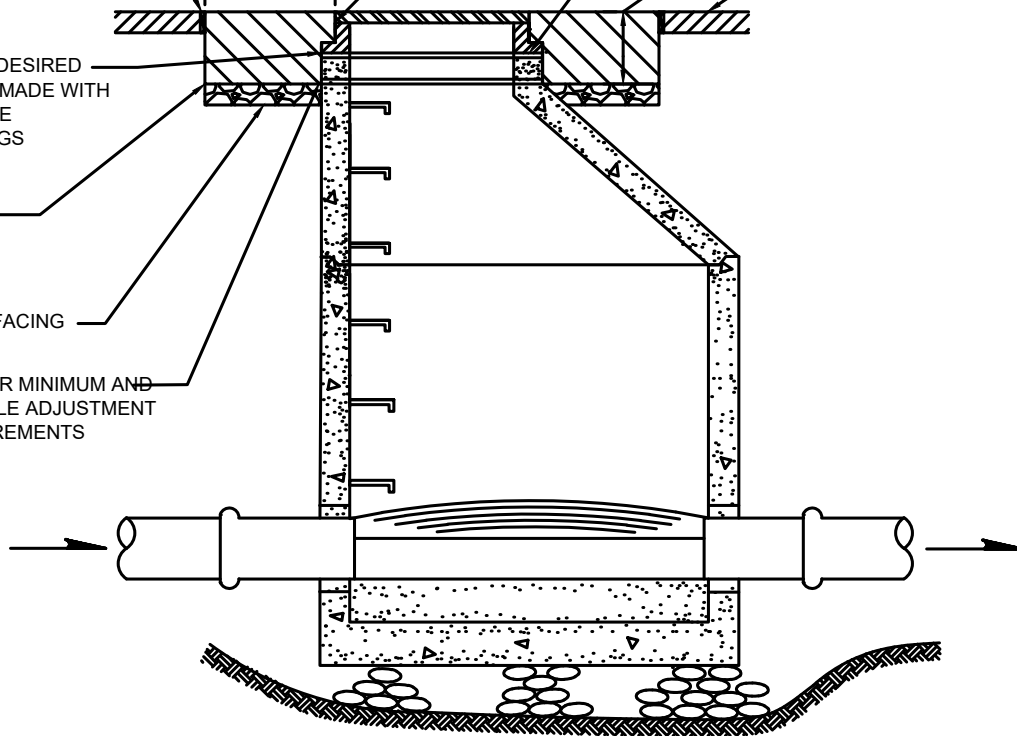
12" MIN

THE DUCTILE IRON FRAME SHALL BE  
BROUGHT UP TO THE DESIRED GRADE,  
WHICH SHALL CONFORM TO THE  
SURROUNDING ROAD SURFACE

AN APPROVED CLASS OF MORTAR  
(ONE PART CEMENT TO TWO PARTS  
PLASTER SAND) SHALL BE PLACED  
BETWEEN ADJUSTMENT RINGS OR  
BRICKS AND DUCTILE IRON FRAME TO  
COMPLETELY FILL ALL VOIDS AND TO  
PROVIDE A WATERTIGHT SEAL.

MATCH EXISTING HMA THICKNESS OR PER  
CITY / COUNTY PERMIT REQUIREMENTS

FINISHED GRADE



**Silver Lake Water & Sewer District**

## MANHOLE ADJUSTMENT DETAIL

DATE: 11-2022

DWG: S9