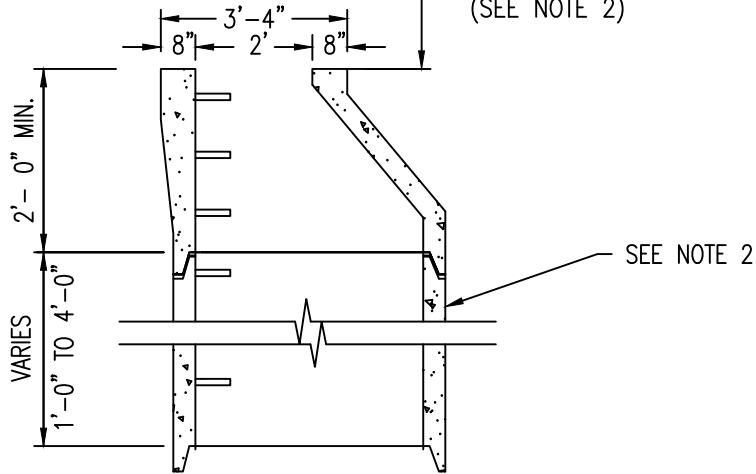


FRAME AND COVER - SEE SHEET S-1.02

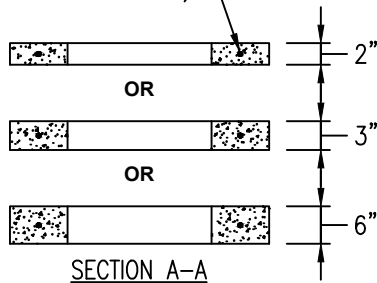
2", 3", or 6" GRADE RINGS

12" MAX ADJUSTMENT (SEE NOTE 2)

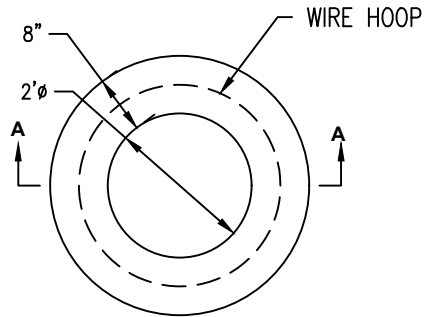


ELEVATION

WIRE HOOP (CENTERED VERTICALLY & HORIZONTALLY IN SOLID RING)



SECTION A-A



GRADE RING PLAN VIEW

NOTES:

1. PRECAST MANHOLE SHALL MEET THE REQUIREMENTS OF ASTM C-478 WITH MINIMUM 4,000 PSI CONCRETE STRENGTH AND TYPE I/II PORTLAND CEMENT.
2. IF ADJUSTMENT HEIGHT EXCEEDS 12", A ONE (1) FOOT RISER INSTALLED BELOW CONE SECTION WILL BE REQUIRED. A MAXIMUM OF THREE (3) GRADE RINGS WILL BE ALLOWED.
3. ALTERNATE MATERIAL GRADE RINGS MAY BE USED FOR MANHOLES LOCATED OUTSIDE OF ROADWAY LIMITS, SUBJECT TO COUNTY APPROVAL.
4. BRICK ADJUSTMENT COURSES PERMITTED, SUBJECT TO DIMENSION REQUIREMENTS NOTED ABOVE.
5. CONCRETE RING SHALL HAVE A DESIGN STRENGTH OF 5000 PSI IN 28 DAYS - DESIGN SHALL MEET REQUIREMENTS OF ASTM C-478



SUSSEX COUNTY
ENGINEERING DEPARTMENT

APPROVED: *[Signature]*
SUSSEX COUNTY ENGINEER

MANHOLE FRAME AND
COVER ADJUSTMENT

DETAIL
S-1.03

DATE ISSUED:
12/30/2021