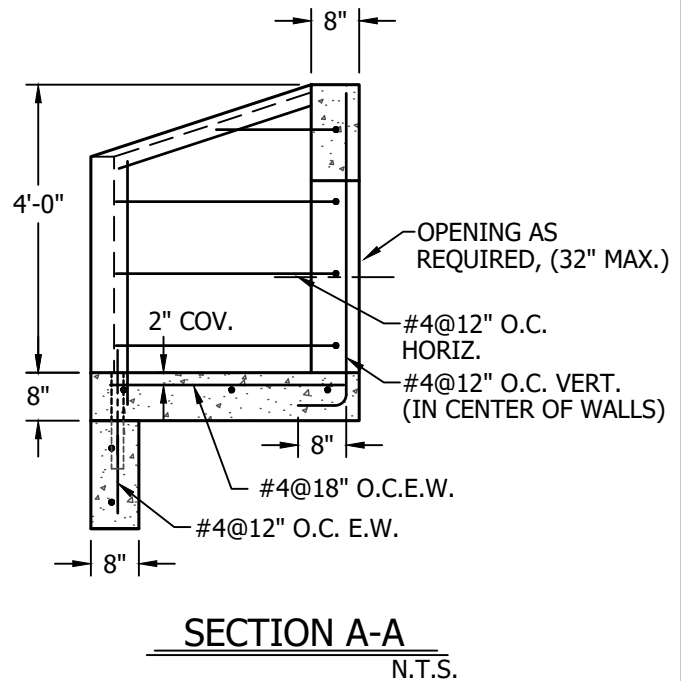
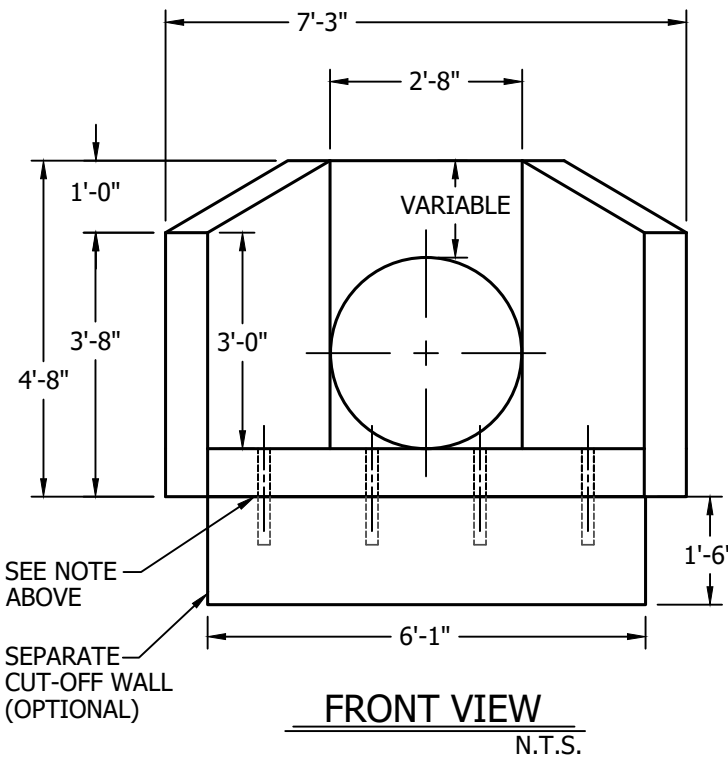
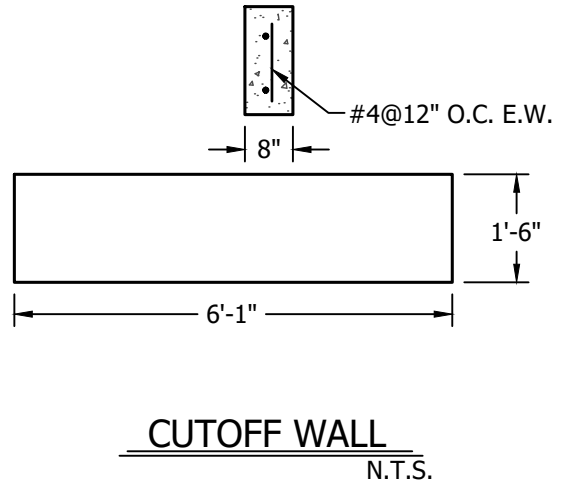
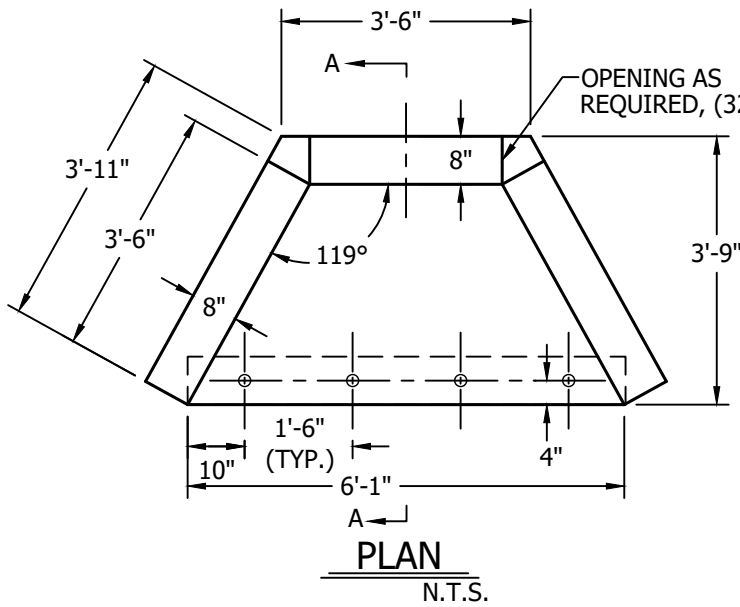


**CUTOFF WALL NOTE:**

2" P.V.C. SLEEVES CAST INTO BASE AND SHALL BE USED AS GUIDES FOR DRILLING AND DOWELING (#4 BARS) INTO SEPARATE CUT-OFF WALL, 12" DEEP, BY CONTRACTOR IN FIELD. DOWEL BARS TO BE SUPPLIED AND INSTALLED BY CONTRACTOR IN FIELD.



**GENERAL NOTES:**

1. DESIGN IS IN ACCORDANCE WITH AASHTO STANDARD SPECIFICATIONS.
2. GEOTECHNICAL DESIGN DATA
  - 2.1 RETAINED SOIL FRICTION ANGLE 32°.
  - 2.2 FOUNDATION SOIL FRICTION ANGLE 32°.
  - 2.3 SOIL DENSITY: 120 pcf
  - 2.4 ALLOWABLE SERVICE LOAD BEARING PRESSURE: 3,000psf
  - 2.5 COEFFICIENT OF SLIDING FRICTION: 0.5
3. CONCRETE STRENGTH.  $f'_c = 5,000\text{psi}$  @ 28 DAYS.
4. REINFORCING STEEL - ASTM A615, GRADE 60.
5. MATERIALS AND MANUFACTURING SHALL CONFORM TO AASHTO STANDARDS.
6. LIFTING AND HANDLING SHALL CONFORM TO OSHA STANDARDS.

**WEIGHTS:**

HEADWALL - 5,820#  
CUTOFF WALL - 905#



276 Clove Road  
Salisbury Mills, New York, 12577  
www.arconcrete.com  
845-562-0640

**4 FT. CONCRETE HEADWALL  
W/ 32" (MAX.) OPENING  
(CUTOFF WALL OPTIONAL)**

CONTRACTOR:  
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DATE: 5/18/2021  
REV.: 11/20/2023  
DWN.BY: A&R LLC  
DWG. NO.: AR-STANDARD4FT