



TOE WALL DETAILS
1/4" = 1'-0"

WEIGHT
____ POUNDS

NOTES:

- 1) CONCRETE TO TEST 4,000 PSI AT 28 DAYS.
- 2) DESIGN IN ACCORDANCE WITH AASHTO STANDARD SPECIFICATIONS.
- 3) REINFORCING STEEL PER ASTM A615 - GRADE 60.
- 4) HANDRUBBING, IF REQUIRED, TO BE DONE BY CONTRACTOR IN FIELD.
- 5) CONTRACTOR TO USE NON-SHRINK GROUT BETWEEN THE BASE AND TOE WALL AND TO FILL 2" SLEEVES.
- 6) EXPOSED EDGES TO BE CHAMFERED 1" x 45°.

- 7) 2"Ø PVC SLEEVES SHALL BE CAST INTO THE BASE OF THE WINGWALL AND USED AS GUIDES FOR DRILLING AND DOWELING (#4 BARS) INTO THE SEPARATE TOE WALL (6" DEEP) BY CONTRACTOR IN FIELD. DOWEL BARS TO BE SUPPLIED AND INSTALLED BY CONTRACTOR IN FIELD.



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CONCRETE HEADWALL
W/ APRON

CONTRACTOR:

DATE: 9/1/2022
REV.: ---
DWN.BY: A&R LLC
DWG. NO.: HWwAPR