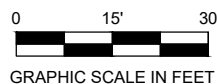


EA Engineering, Science, and Technology, Inc., PBC

11200 Racetrack Road, Unit A101
Ocean Pines, Maryland 21811
(410) 641-5341

www.eaest.com



DATE: AUGUST 2025
SHEET: 1 OF 3

PROJECT NAME

WORCESTER COUNTY
WHALEYVILLE HOCC

PROJECT ADDRESS

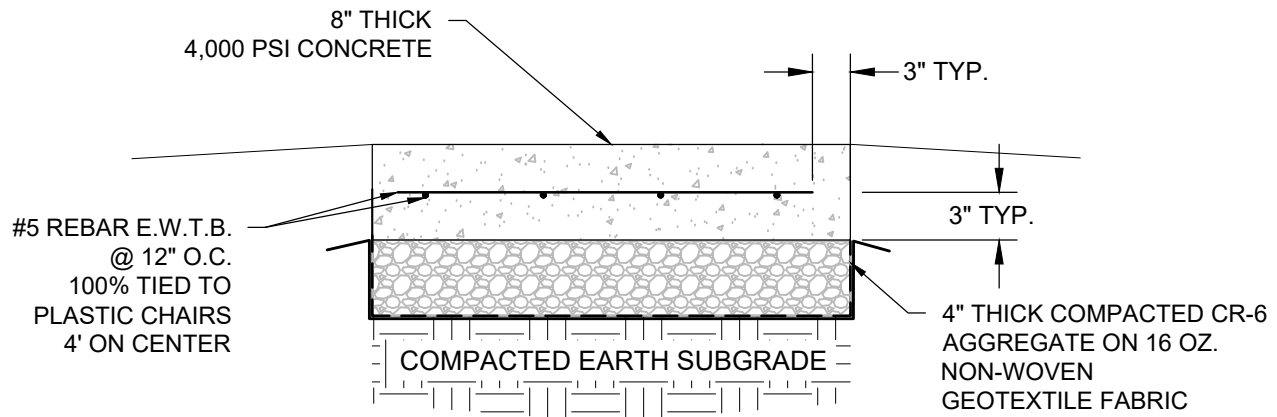
WHALEYVILLE TRANSFER STA.

FIGURE TITLE

PROPOSED LAYOUT

FIGURE NO.

F-1



*** CONCRETE PAD DETAIL**
NOT TO SCALE

CONCRETE NOTES:

1. ALL CONCRETE, EXCEPT AS NOTED, SHALL BE $F_c=4,000$ PSI NORMAL WEIGHT CONCRETE AT 28 DAYS. STRUCTURAL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI IN 28 DAYS, UNLESS OTHERWISE NOTED. CONCRETE SHALL BE DESIGNED FOR PLACEMENT WITH A 4" SLUMP. CONTRACTOR SHALL TAKE TEST CYLINDERS AND PERFORM BREAKS AT 7-DAYS, 14-DAYS AND 28-DAYS FOR CONCRETE DELIVERIES TO THE SITE.
2. ALL CONCRETE SHALL CONFORM TO THE 2015 INTERNATIONAL BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, A.C.I. 318, THE AMERICAN CONCRETE INSTITUTE, LATEST EDITION.
3. ALL REINFORCING SHALL BE HIGH STRENGTH NEW BILLET STEEL CONFORMING TO ASTM DESIGNATION A615 (LATEST LOCAL APPROVED EDITION), GRADE 60. ALL REINFORCING SHALL BE DETAILED, FABRICATED, AND PLACED IN ACCORDANCE WITH ACI 315, "MANUAL OF STANDARD PRACTICE FOR DETAILING CONCRETE STRUCTURES" (LATEST LOCAL APPROVED EDITION).
4. ALL SPLICES IN REINFORCING SHALL BE CLASS "B" SPLICES IN ACCORDANCE WITH ACI 318, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (LATEST LOCAL APPROVED EDITION) EXCEPT AS NOTED ON PLANS.
5. ALL WELDED WIRE FABRIC (W.W.F.), IF USED, SHALL HAVE ENDS LAPPED ONE FULL MESH. LAPS SHALL BE MINIMUM 6" OR GREATER.
6. UNLESS OTHERWISE NOTED ON STRUCTURAL DRAWINGS, PROVIDE CONCRETE PROTECTION FOR REINFORCING AS FOLLOWS:
 CAST AGAINST EARTH: 3"
 EXPOSED TO EARTH OR WEATHER: 2"
 NOT EXPOSED TO EARTH OR WEATHER: 1-1/2"
7. ALL CONCRETE WORK SHALL CONFORM TO THE LATEST EDITIONS OF ACI AND ASTM.
8. ALL FORMWORK SHALL BE IN ACCORDANCE WITH ACI 347, "GUIDE TO FORMWORK FOR CONCRETE" (LATEST LOCAL APPROVED EDITION).
9. SLAB REINFORCEMENT USING A SINGLE MAT OF REINFORCING STEEL IS TO BE POSITIONED AT 1/3 OF THE SLAB DEPTH. SLAB REINFORCEMENT USING A DOUBLE MAT OF REINFORCING STEEL SHALL POSITION THE LOWER LAYER OF REINFORCEMENT AT 1/2" OF THE SLAB DEPTH OR EQUIVALENT. THE UPPER LAYER OF REINFORCEMENT IS TO BE PLACED WITHIN 3" OF THE TOP OF THE SLAB. MAINTAIN MINIMUM 3" CLEARANCE BETWEEN ADJOINING REINFORCEMENT LAYERS. ADJUST THE POSITION OF THE LOWER REINFORCEMENT LAYER AS NECESSARY TO MAINTAIN THE MINIMUM 3" SEPARATION BETWEEN LAYERS.
10. A SMOOTH BROOM FINISH SHALL BE PROVIDED.
11. IF UNSUITABLE SUBGRADE IS FOUND TO BE PRESENT A GEOTECHNICAL ENGINEER SHALL BE USED TO PROVIDE RECOMMENDATIONS.
12. CONCRETE SHALL HAVE EXPANSION JOINTS SAW CUT IN. SAW CUT JOINTS 25% OF THE SLAB THICKNESS AT APPROXIMATELY 8' TO 12' APART AND CAULK.



**EA Engineering, Science, and
Technology, Inc., PBC**

11200 Racetrack Road, Unit A101
Ocean Pines, Maryland 21811
(410) 641-5341

www.eaest.com

SCALE AS SHOWN

DATE: AUGUST 2025
SHEET: 2 OF 3

PROJECT NAME

WORCESTER COUNTY
WHALEYVILLE HOCC

PROJECT ADDRESS

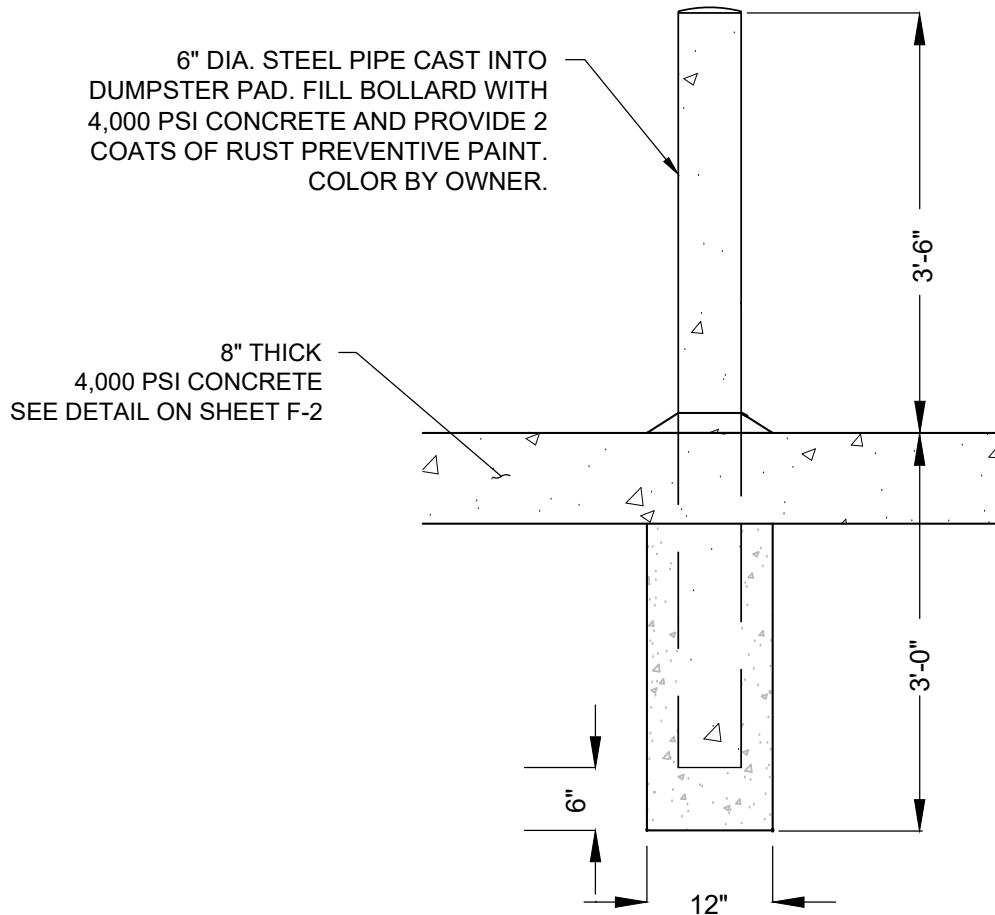
WHALEYVILLE TRANSFER STA.

FIGURE TITLE

DETAILS

FIGURE NO.

F-2



TYPICAL BOLLARD DETAIL
NOT TO SCALE



**EA Engineering, Science, and
Technology, Inc., PBC**

11200 Racetrack Road, Unit A101
Ocean Pines, Maryland 21811
(410) 641-5341

www.eaest.com

SCALE AS SHOWN

DATE: AUGUST 2025
SHEET: 3 OF 3

PROJECT NAME

WORCESTER COUNTY
WHALEYVILLE HOCC

PROJECT ADDRESS

WHALEYVILLE TRANSFER STA.

FIGURE TITLE

DETAILS

FIGURE NO.

F-3