

CTC 450 – Water and Wastewater Design

Project 2 – Reading Contract Plans – Exam Answer Key

Mike Berry

1. 03300 – Cast-In-Place Concrete
2. Mix B
3. S311, S312, S313
4. 4,500 psi
5. B) Controlled Permeability Form Liner
6. Grade 60
7. 849.67
8. 805.17
9. S329
10. S304, S307
11. A308 and 7/A370
12. ACI 318 and ACI 350
13. 2"
14. 1 hour if > 30 occupants (A001)
15. 10
16. CN305, CN306, CN308 and CN309
17. 1/A350
18. Interlocking sheet piling

19. +/- 512 psf

20. 125 psf

21. 550 kips

22. B

23. 36"

24. 16" W x 20" D

25. A-4-#9, c-4-#9, stirrup #3 @ 8"

26. 8-#9's

27. M007

28. CN-AHU-1

29. CN-DEH-1

30. CN BAF Blower #4