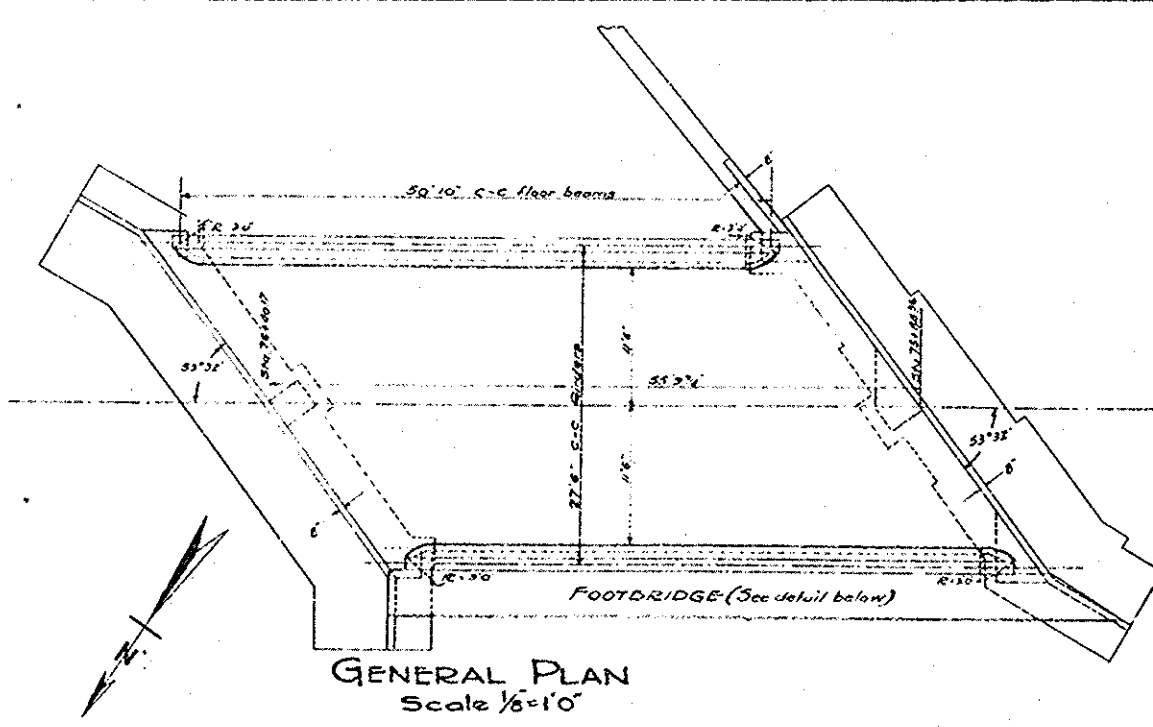
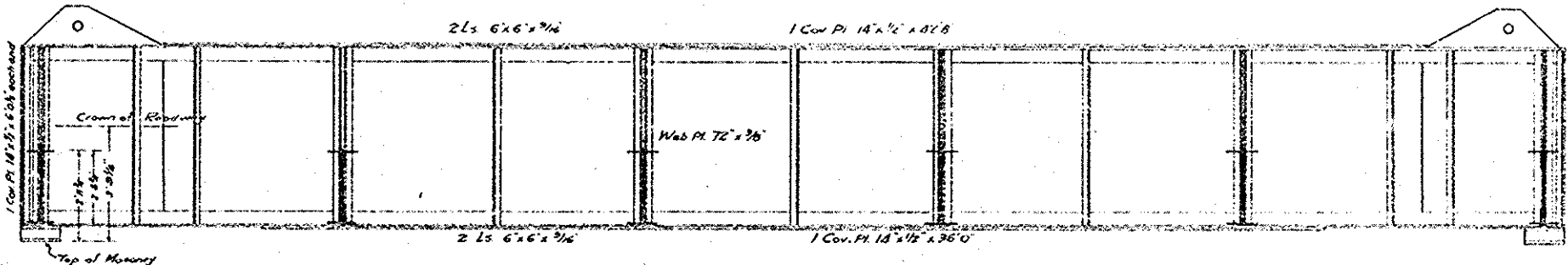


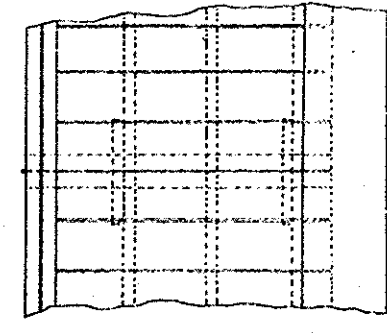
SILVERADO ROAD BRIDGE  
SHEET 1 OF 2 SHEETS  
ORANGE COUNTY CALIFORNIA



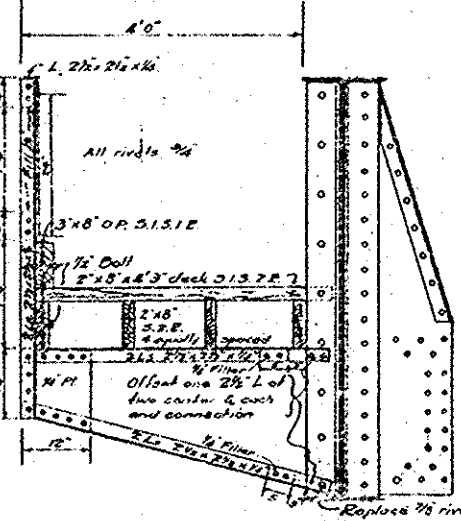
GENERAL PLAN  
Scale 1/8"=1'-0"



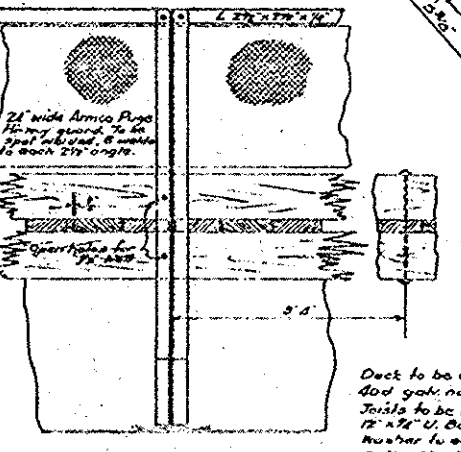
ELEVATION OF MAIN GIRDERS



PLAN

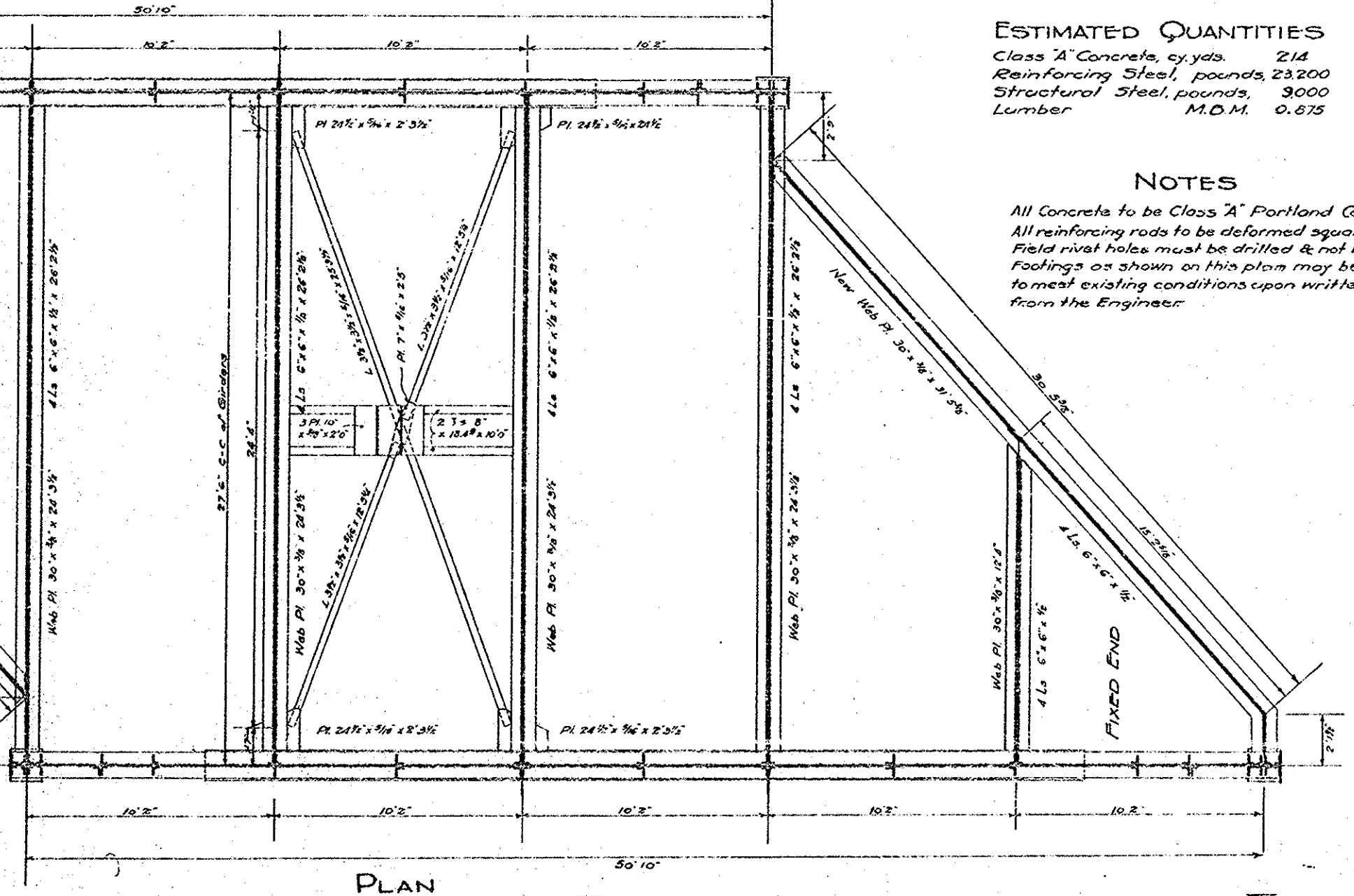


CROSS SECTION

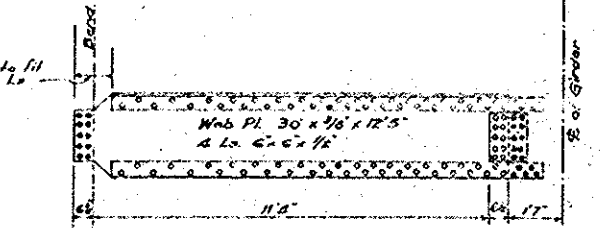


ELEVATION

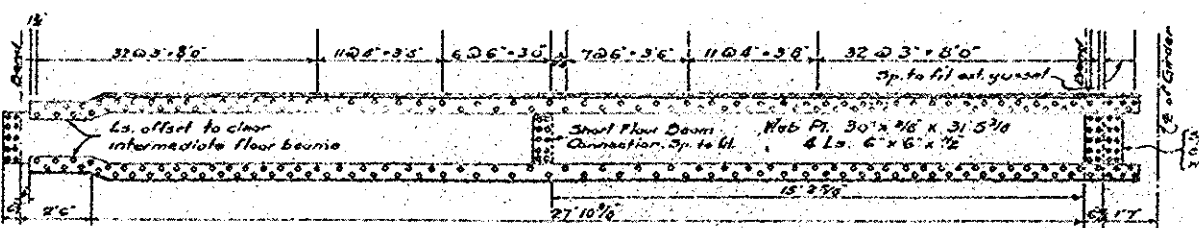
DETAILS OF WALK & HANDRAIL  
Scale 3/4"=1'-0"



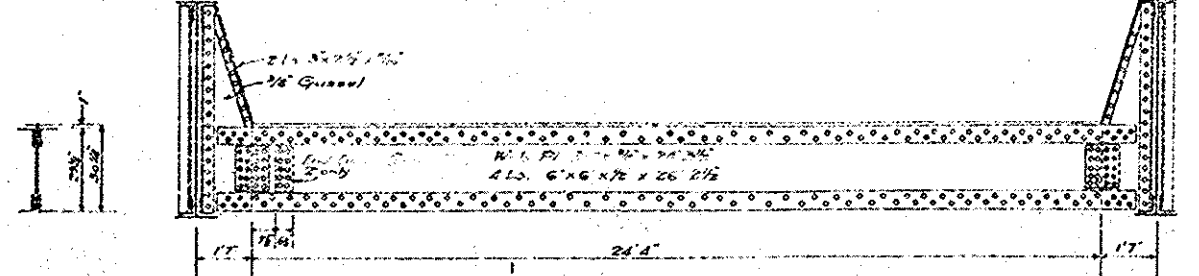
PLAN



SECTION ALONG SHORT FLOOR BEAM  
MADE FROM SURPLUS FLOOR BEAM



SECTION ALONG NEW END FLOOR BEAM



SECTION ALONG INTERMEDIATE FLOOR BEAM

STRUCTURAL STEEL DETAILS  
Scale 3/8"=1'-0"

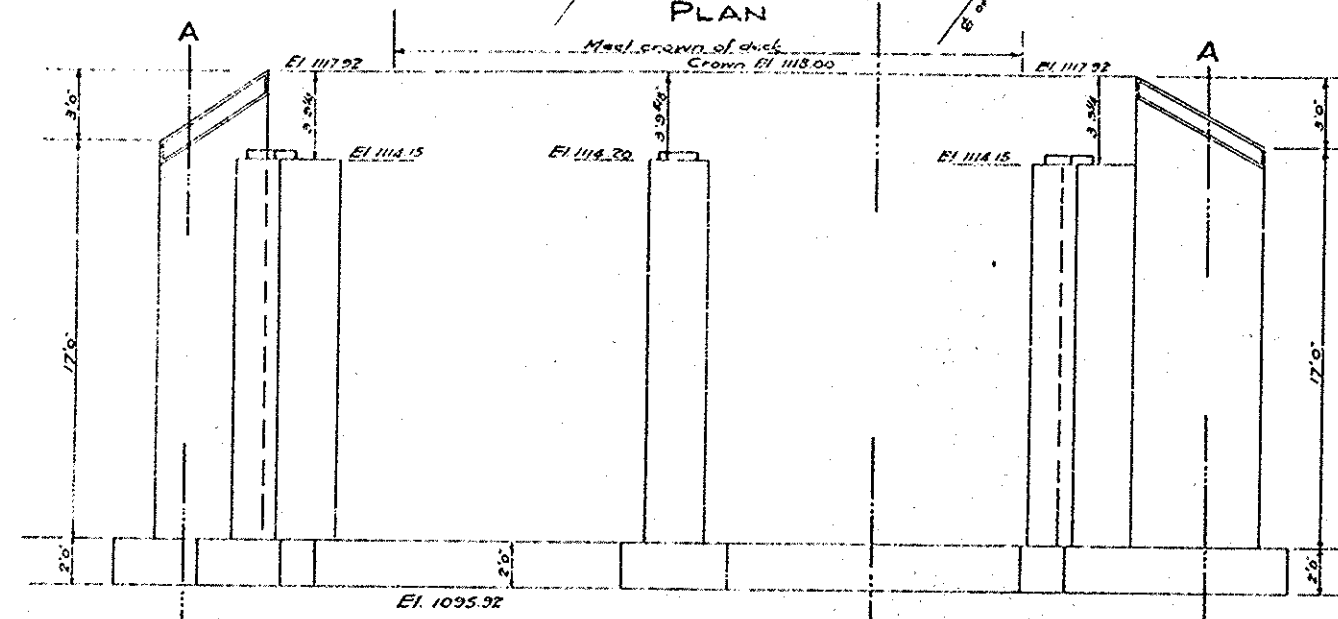
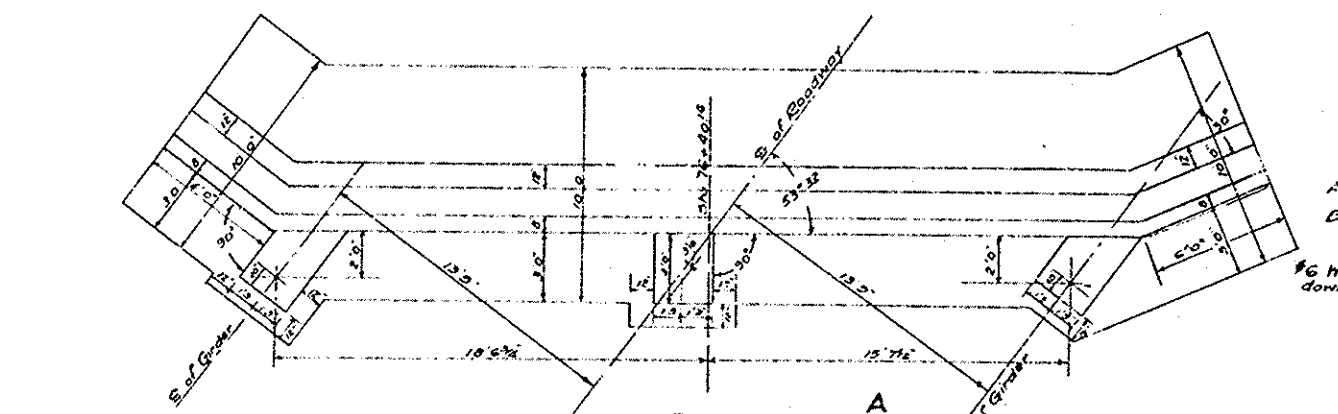
SILVERADO ROAD BRIDGE  
OVER

SILVERADO CREEK  
ORANGE COUNTY CALIFORNIA  
JULY 1935

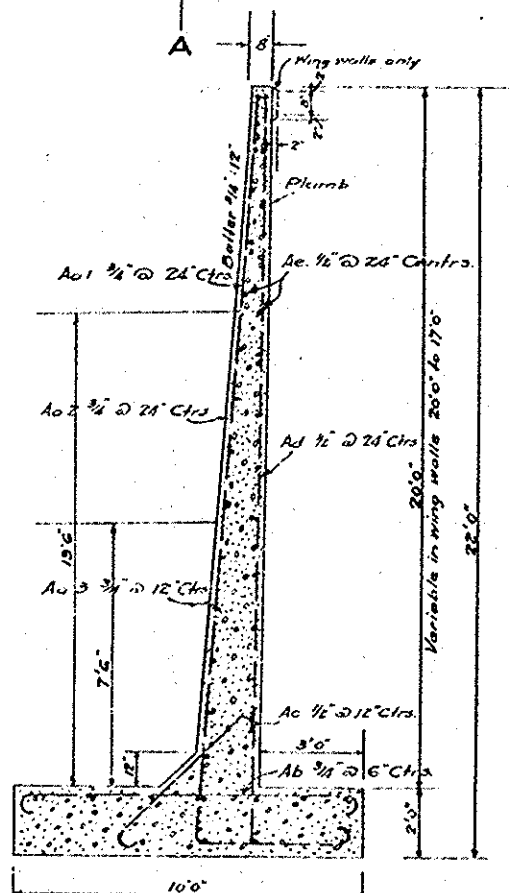
Approved: *W. H. Kell*  
Supt. of Highways

#14672 SILVERADO CYN. RD. BR.  
OVER SILVERADO CREEK  
SV-7 1935  
55C-174  
THOS MAP: 832-D2

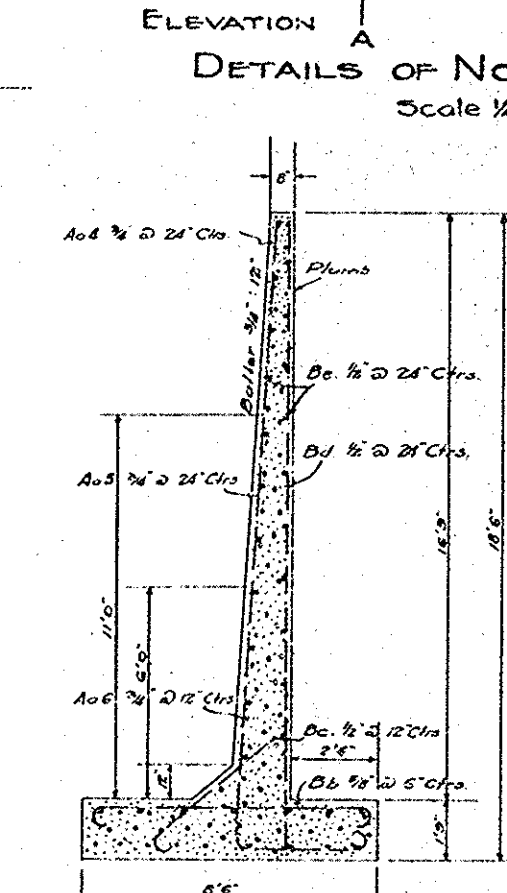
**SILVERADO ROAD BRIDGE**  
SHEET 2 OF 2 SHEETS  
ORANGE COUNTY CALIFORNIA



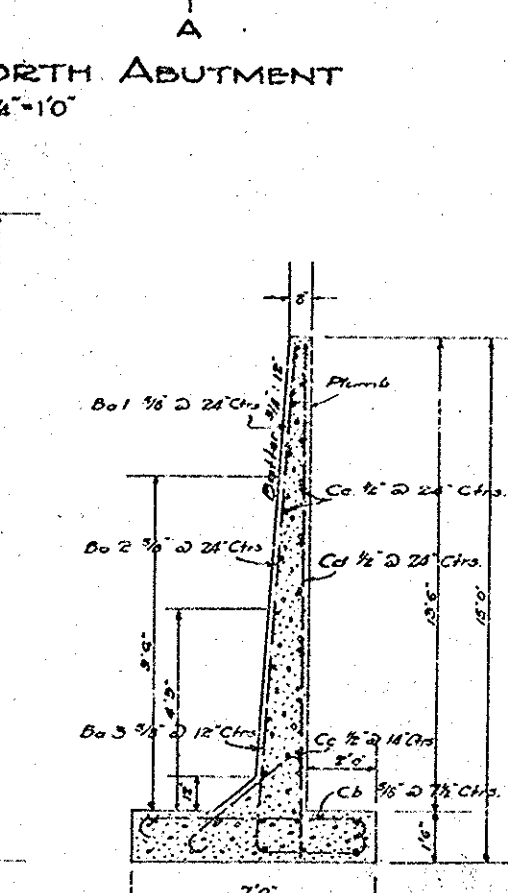
**DETAILS OF NORTH ABUTMENT**  
Scale 3/8"=1'-0"



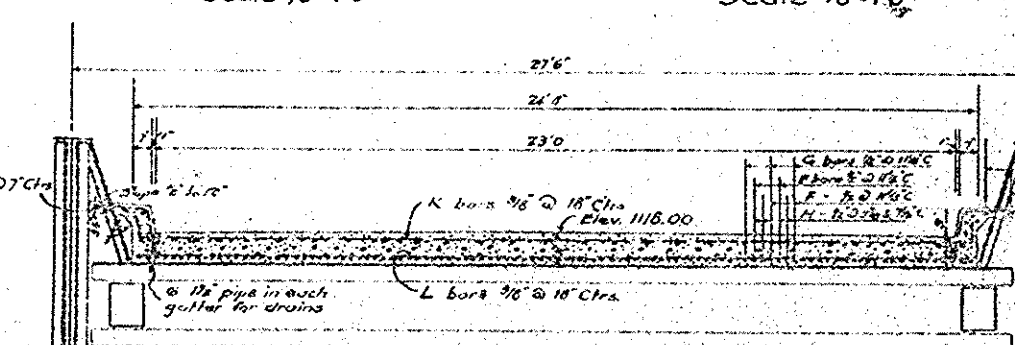
**SECTION A-A**  
Scale 3/8"=1'-0"



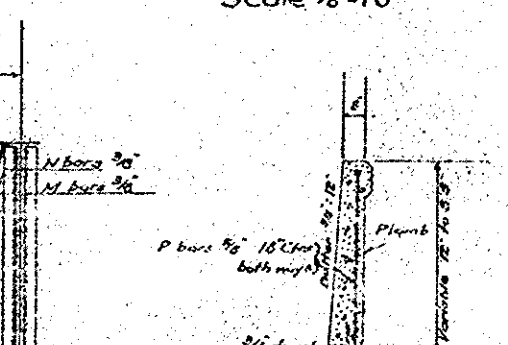
**SECTION B-B**  
Scale 3/8"=1'-0"



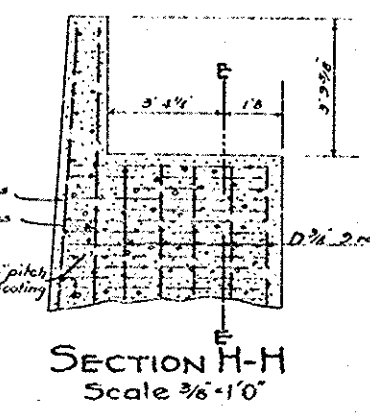
**SECTION C-C**  
Scale 3/8"=1'-0"



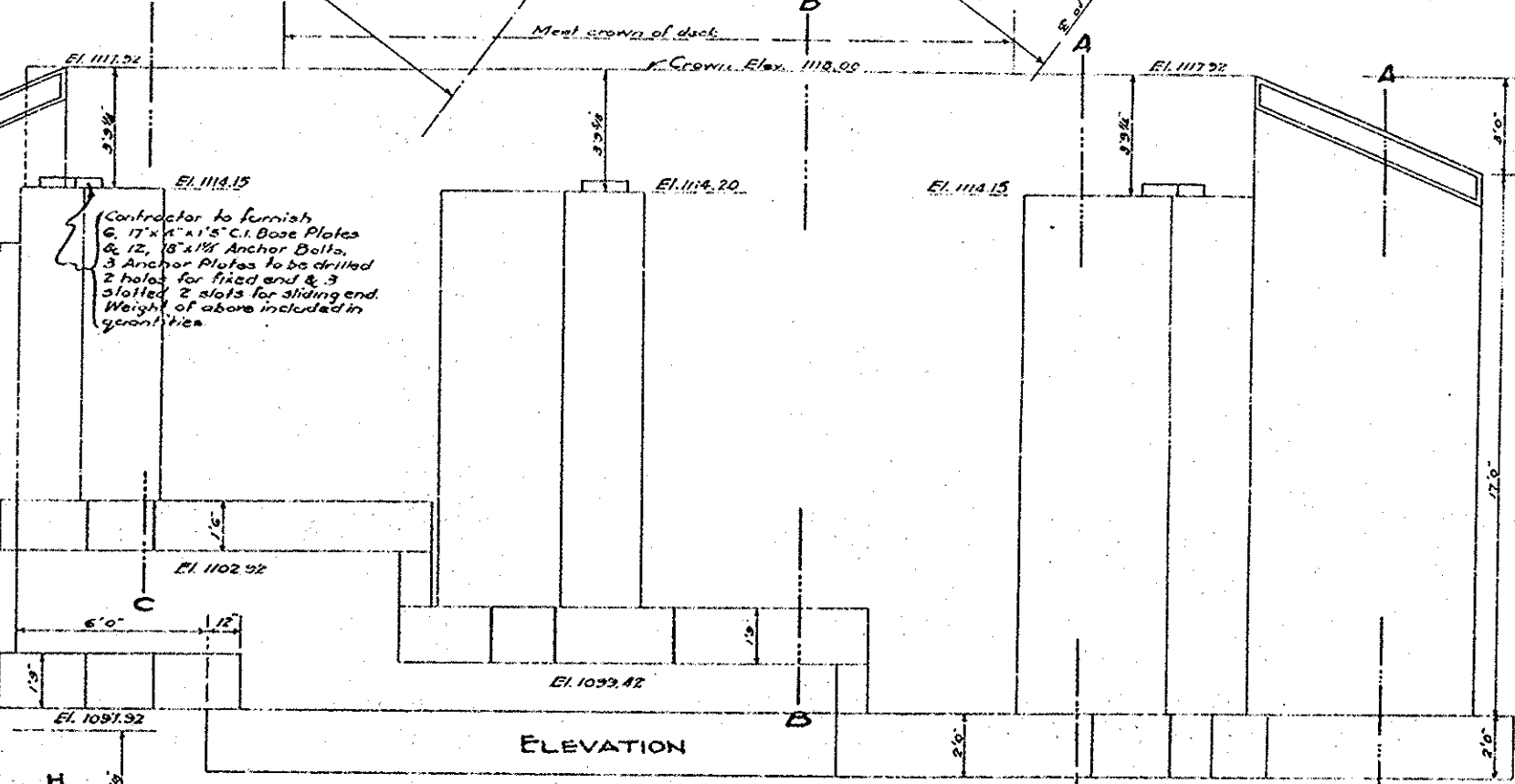
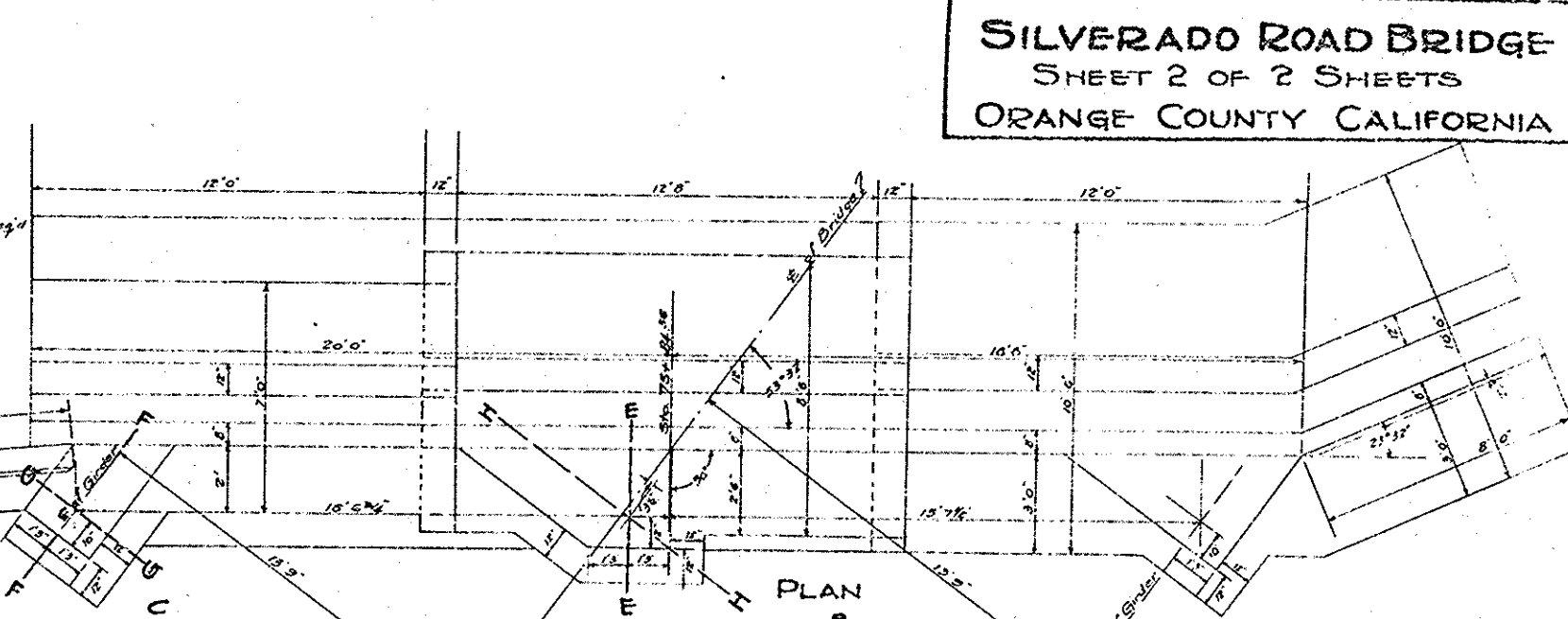
**CROSS SECTION THRU DECK**  
Scale 3/8"=1'-0"



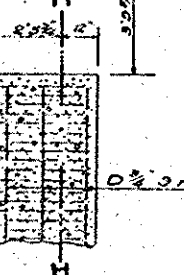
**SECTION D-D**  
Scale 3/8"=1'-0"



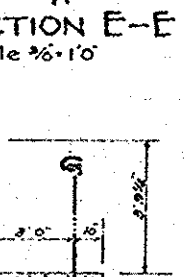
**SECTION H-H**  
Scale 3/8"=1'-0"



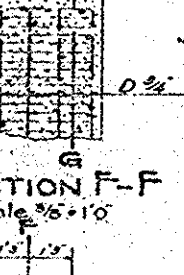
**DETAILS OF SOUTH ABUTMENT**  
Scale 3/8"=1'-0"



**SECTION E-E**  
Scale 3/8"=1'-0"



**SECTION F-F**  
Scale 3/8"=1'-0"



**SECTION G-G**  
Scale 3/8"=1'-0"

|                              |              |
|------------------------------|--------------|
| Reinforcing Steel Details    | NOT TO SCALE |
| 1. Top of concrete deck      | El. 1118.00  |
| 2. Top of concrete wall      | El. 1117.92  |
| 3. Top of concrete base      | El. 1114.15  |
| 4. Top of concrete footing   | El. 1114.20  |
| 5. Top of concrete pier      | El. 1095.92  |
| 6. Top of concrete abutment  | El. 1095.92  |
| 7. Top of concrete pier      | El. 1095.92  |
| 8. Top of concrete abutment  | El. 1095.92  |
| 9. Top of concrete pier      | El. 1095.92  |
| 10. Top of concrete abutment | El. 1095.92  |
| 11. Top of concrete pier     | El. 1095.92  |
| 12. Top of concrete abutment | El. 1095.92  |
| 13. Top of concrete pier     | El. 1095.92  |
| 14. Top of concrete abutment | El. 1095.92  |
| 15. Top of concrete pier     | El. 1095.92  |
| 16. Top of concrete abutment | El. 1095.92  |
| 17. Top of concrete pier     | El. 1095.92  |
| 18. Top of concrete abutment | El. 1095.92  |
| 19. Top of concrete pier     | El. 1095.92  |
| 20. Top of concrete abutment | El. 1095.92  |
| 21. Top of concrete pier     | El. 1095.92  |
| 22. Top of concrete abutment | El. 1095.92  |
| 23. Top of concrete pier     | El. 1095.92  |
| 24. Top of concrete abutment | El. 1095.92  |
| 25. Top of concrete pier     | El. 1095.92  |
| 26. Top of concrete abutment | El. 1095.92  |
| 27. Top of concrete pier     | El. 1095.92  |
| 28. Top of concrete abutment | El. 1095.92  |
| 29. Top of concrete pier     | El. 1095.92  |
| 30. Top of concrete abutment | El. 1095.92  |
| 31. Top of concrete pier     | El. 1095.92  |
| 32. Top of concrete abutment | El. 1095.92  |
| 33. Top of concrete pier     | El. 1095.92  |
| 34. Top of concrete abutment | El. 1095.92  |
| 35. Top of concrete pier     | El. 1095.92  |
| 36. Top of concrete abutment | El. 1095.92  |
| 37. Top of concrete pier     | El. 1095.92  |
| 38. Top of concrete abutment | El. 1095.92  |
| 39. Top of concrete pier     | El. 1095.92  |
| 40. Top of concrete abutment | El. 1095.92  |
| 41. Top of concrete pier     | El. 1095.92  |
| 42. Top of concrete abutment | El. 1095.92  |
| 43. Top of concrete pier     | El. 1095.92  |
| 44. Top of concrete abutment | El. 1095.92  |
| 45. Top of concrete pier     | El. 1095.92  |
| 46. Top of concrete abutment | El. 1095.92  |
| 47. Top of concrete pier     | El. 1095.92  |
| 48. Top of concrete abutment | El. 1095.92  |
| 49. Top of concrete pier     | El. 1095.92  |
| 50. Top of concrete abutment | El. 1095.92  |

| Size   | L  | D      |
|--------|----|--------|
| 1/2"   | 5' | 2'     |
| 3/4"   | 6' | 2 1/2' |
| 1"     | 7' | 3'     |
| 1 1/4" | 8' | 3 1/2' |

|                   |           |
|-------------------|-----------|
| Hook Details      |           |
| 1. Hook length    | 12" min.  |
| 2. Hook angle     | 90°       |
| 3. Hook diameter  | 1/2" min. |
| 4. Hook spacing   | 12" max.  |
| 5. Hook diameter  | 1/2" min. |
| 6. Hook spacing   | 12" max.  |
| 7. Hook diameter  | 1/2" min. |
| 8. Hook spacing   | 12" max.  |
| 9. Hook diameter  | 1/2" min. |
| 10. Hook spacing  | 12" max.  |
| 11. Hook diameter | 1/2" min. |
| 12. Hook spacing  | 12" max.  |
| 13. Hook diameter | 1/2" min. |
| 14. Hook spacing  | 12" max.  |
| 15. Hook diameter | 1/2" min. |
| 16. Hook spacing  | 12" max.  |
| 17. Hook diameter | 1/2" min. |
| 18. Hook spacing  | 12" max.  |
| 19. Hook diameter | 1/2" min. |
| 20. Hook spacing  | 12" max.  |
| 21. Hook diameter | 1/2" min. |
| 22. Hook spacing  | 12" max.  |
| 23. Hook diameter | 1/2" min. |
| 24. Hook spacing  | 12" max.  |
| 25. Hook diameter | 1/2" min. |
| 26. Hook spacing  | 12" max.  |
| 27. Hook diameter | 1/2" min. |
| 28. Hook spacing  | 12" max.  |
| 29. Hook diameter | 1/2" min. |
| 30. Hook spacing  | 12" max.  |
| 31. Hook diameter | 1/2" min. |
| 32. Hook spacing  | 12" max.  |
| 33. Hook diameter | 1/2" min. |
| 34. Hook spacing  | 12" max.  |
| 35. Hook diameter | 1/2" min. |
| 36. Hook spacing  | 12" max.  |
| 37. Hook diameter | 1/2" min. |
| 38. Hook spacing  | 12" max.  |
| 39. Hook diameter | 1/2" min. |
| 40. Hook spacing  | 12" max.  |
| 41. Hook diameter | 1/2" min. |
| 42. Hook spacing  | 12" max.  |
| 43. Hook diameter | 1/2" min. |
| 44. Hook spacing  | 12" max.  |
| 45. Hook diameter | 1/2" min. |
| 46. Hook spacing  | 12" max.  |
| 47. Hook diameter | 1/2" min. |
| 48. Hook spacing  | 12" max.  |
| 49. Hook diameter | 1/2" min. |
| 50. Hook spacing  | 12" max.  |

|                           |           |
|---------------------------|-----------|
| Reinforcing Steel Details |           |
| 1. Hook length            | 12" min.  |
| 2. Hook angle             | 90°       |
| 3. Hook diameter          | 1/2" min. |
| 4. Hook spacing           | 12" max.  |
| 5. Hook diameter          | 1/2" min. |
| 6. Hook spacing           | 12" max.  |
| 7. Hook diameter          | 1/2" min. |
| 8. Hook spacing           | 12" max.  |
| 9. Hook diameter          | 1/2" min. |
| 10. Hook spacing          | 12" max.  |
| 11. Hook diameter         | 1/2" min. |
| 12. Hook spacing          | 12" max.  |
| 13. Hook diameter         | 1/2" min. |
| 14. Hook spacing          | 12" max.  |
| 15. Hook diameter         | 1/2" min. |
| 16. Hook spacing          | 12" max.  |
| 17. Hook diameter         | 1/2" min. |
| 18. Hook spacing          | 12" max.  |
| 19. Hook diameter         | 1/2" min. |
| 20. Hook spacing          | 12" max.  |
| 21. Hook diameter         | 1/2" min. |
| 22. Hook spacing          | 12" max.  |
| 23. Hook diameter         | 1/2" min. |
| 24. Hook spacing          | 12" max.  |
| 25. Hook diameter         | 1/2" min. |
| 26. Hook spacing          | 12" max.  |
| 27. Hook diameter         | 1/2" min. |
| 28. Hook spacing          | 12" max.  |
| 29. Hook diameter         | 1/2" min. |
| 30. Hook spacing          | 12" max.  |
| 31. Hook diameter         | 1/2" min. |
| 32. Hook spacing          | 12" max.  |
| 33. Hook diameter         | 1/2" min. |
| 34. Hook spacing          | 12" max.  |
| 35. Hook diameter         | 1/2" min. |
| 36. Hook spacing          | 12" max.  |
| 37. Hook diameter         | 1/2" min. |
| 38. Hook spacing          | 12" max.  |
| 39. Hook diameter         | 1/2" min. |
| 40. Hook spacing          | 12" max.  |
| 41. Hook diameter         | 1/2" min. |
| 42. Hook spacing          | 12" max.  |
| 43. Hook diameter         | 1/2" min. |
| 44. Hook spacing          | 12" max.  |
| 45. Hook diameter         | 1/2" min. |
| 46. Hook spacing          | 12" max.  |
| 47. Hook diameter         | 1/2" min. |
| 48. Hook spacing          | 12" max.  |
| 49. Hook diameter         | 1/2" min. |
| 50. Hook spacing          | 12" max.  |

|                           |           |
|---------------------------|-----------|
| Reinforcing Steel Details |           |
| 1. Hook length            | 12" min.  |
| 2. Hook angle             | 90°       |
| 3. Hook diameter          | 1/2" min. |
| 4. Hook spacing           | 12" max.  |
| 5. Hook diameter          | 1/2" min. |
| 6. Hook spacing           | 12" max.  |
| 7. Hook diameter          | 1/2" min. |
| 8. Hook spacing           | 12" max.  |
| 9. Hook diameter          | 1/2" min. |
| 10. Hook spacing          | 12" max.  |
| 11. Hook diameter         | 1/2" min. |
| 12. Hook spacing          | 12" max.  |
| 13. Hook diameter         | 1/2" min. |
| 14. Hook spacing          | 12" max.  |
| 15. Hook diameter         | 1/2" min. |
| 16. Hook spacing          | 12" max.  |
| 17. Hook diameter         | 1/2" min. |
| 18. Hook spacing          | 12" max.  |
| 19. Hook diameter         | 1/2" min. |
| 20. Hook spacing          | 12" max.  |
| 21. Hook diameter         | 1/2" min. |
| 22. Hook spacing          | 12" max.  |
| 23. Hook diameter         | 1/2" min. |
| 24. Hook spacing          | 12" max.  |
| 25. Hook diameter         | 1/2" min. |
| 26. Hook spacing          | 12" max.  |
| 27. Hook diameter         | 1/2" min. |
| 28. Hook spacing          | 12" max.  |
| 29. Hook diameter         | 1/2" min. |
| 30. Hook spacing          | 12" max.  |
| 31. Hook diameter         | 1/2" min. |
| 32. Hook spacing          | 12" max.  |
| 33. Hook diameter         | 1/2" min. |
| 34. Hook spacing          | 12" max.  |
| 35. Hook diameter         | 1/2" min. |
| 36. Hook spacing          | 12" max.  |
| 37. Hook diameter         | 1/2" min. |
| 38. Hook spacing          | 12" max.  |
| 39. Hook diameter         | 1/2" min. |
| 40. Hook spacing          | 12" max.  |
| 41. Hook diameter         | 1/2" min. |
| 42. Hook spacing          | 12" max.  |
| 43. Hook diameter         | 1/2" min. |
| 44. Hook spacing          | 12" max.  |
| 45. Hook diameter         | 1/2" min. |
| 46. Hook spacing          | 12" max.  |
| 47. Hook diameter         | 1/2" min. |
| 48. Hook spacing          | 12" max.  |
| 49. Hook diameter         | 1/2" min. |
| 50. Hook spacing          | 12" max.  |

**REINFORCING STEEL DETAILS**  
NOT TO SCALE