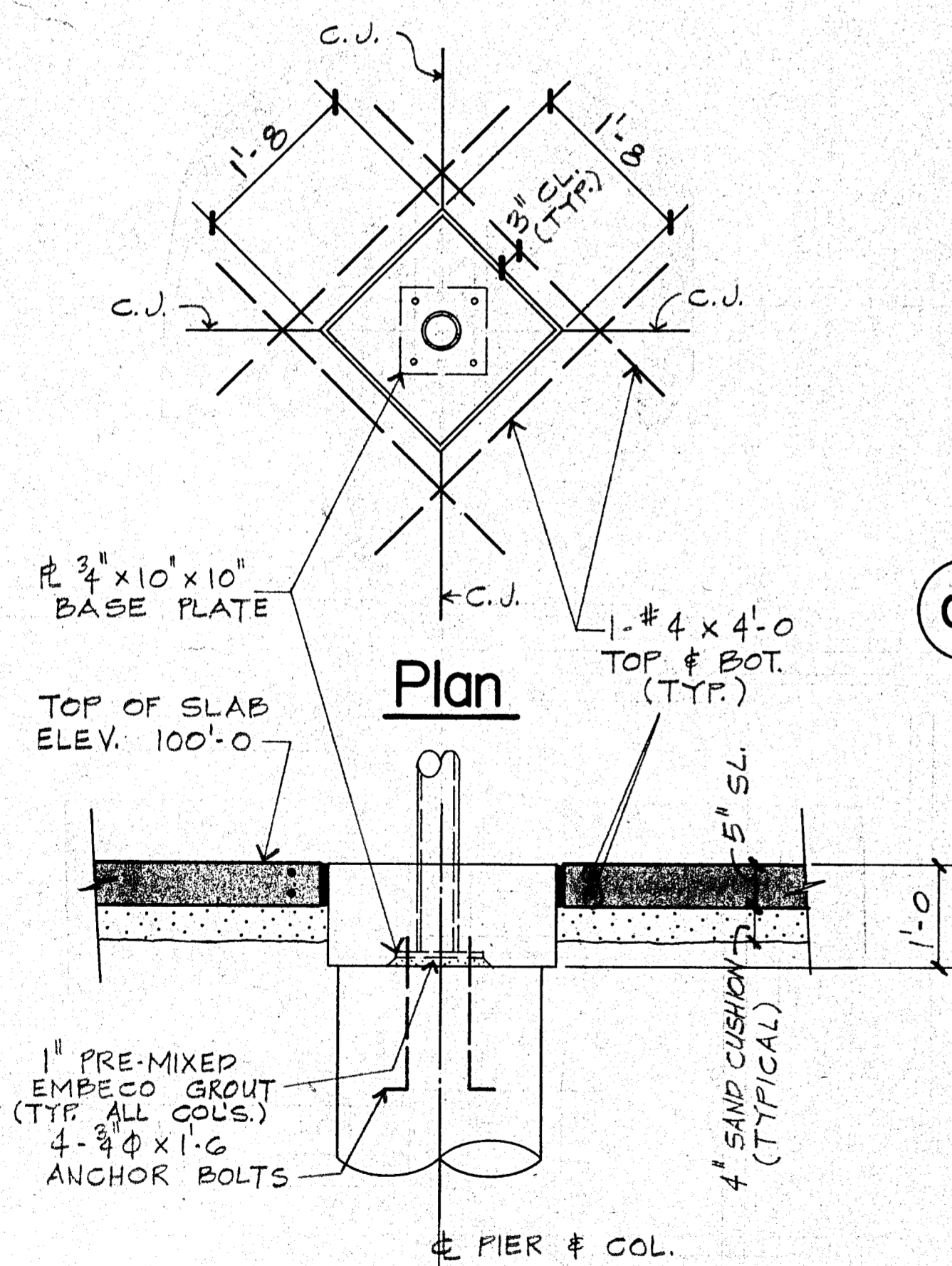
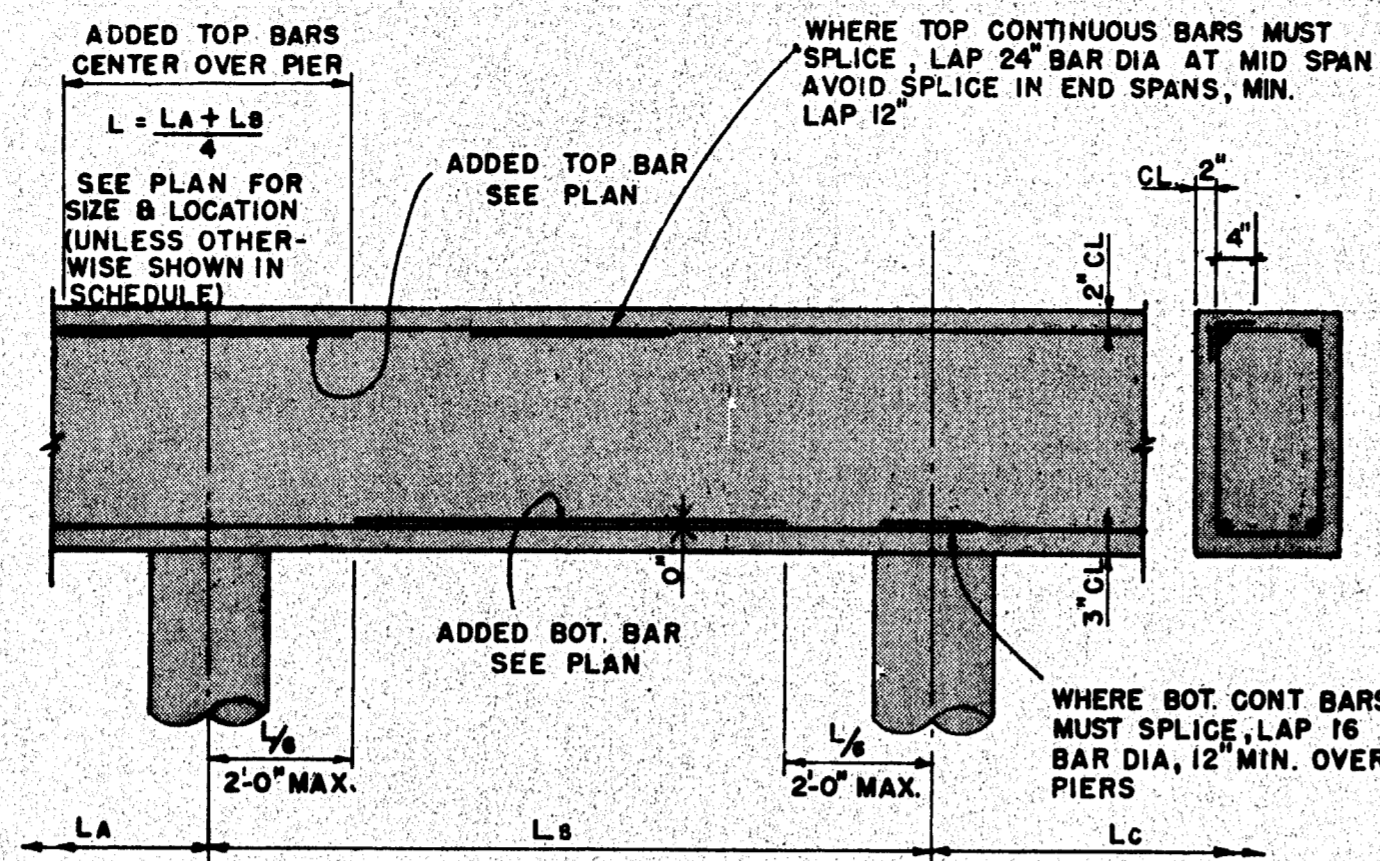


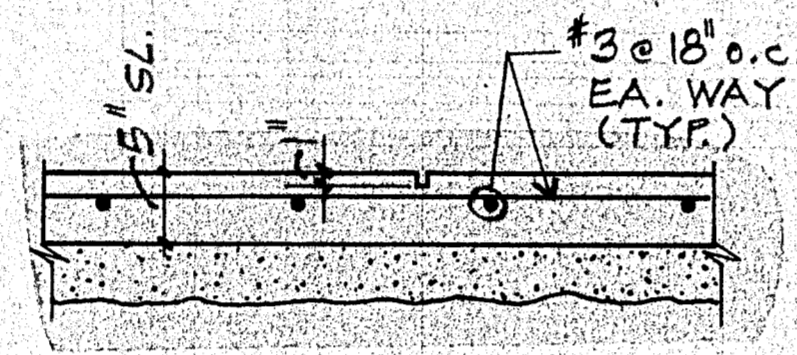
01 Typical Pier Detail



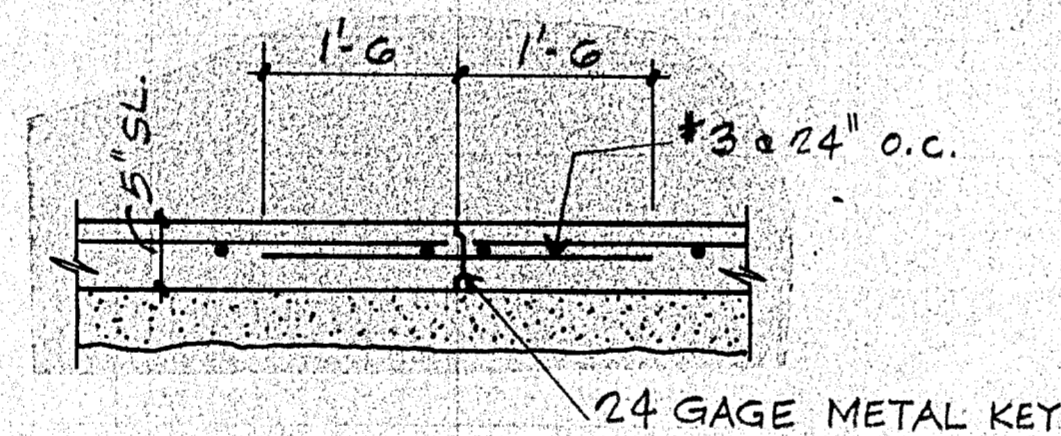
04 Typical Interior Column Base Detail



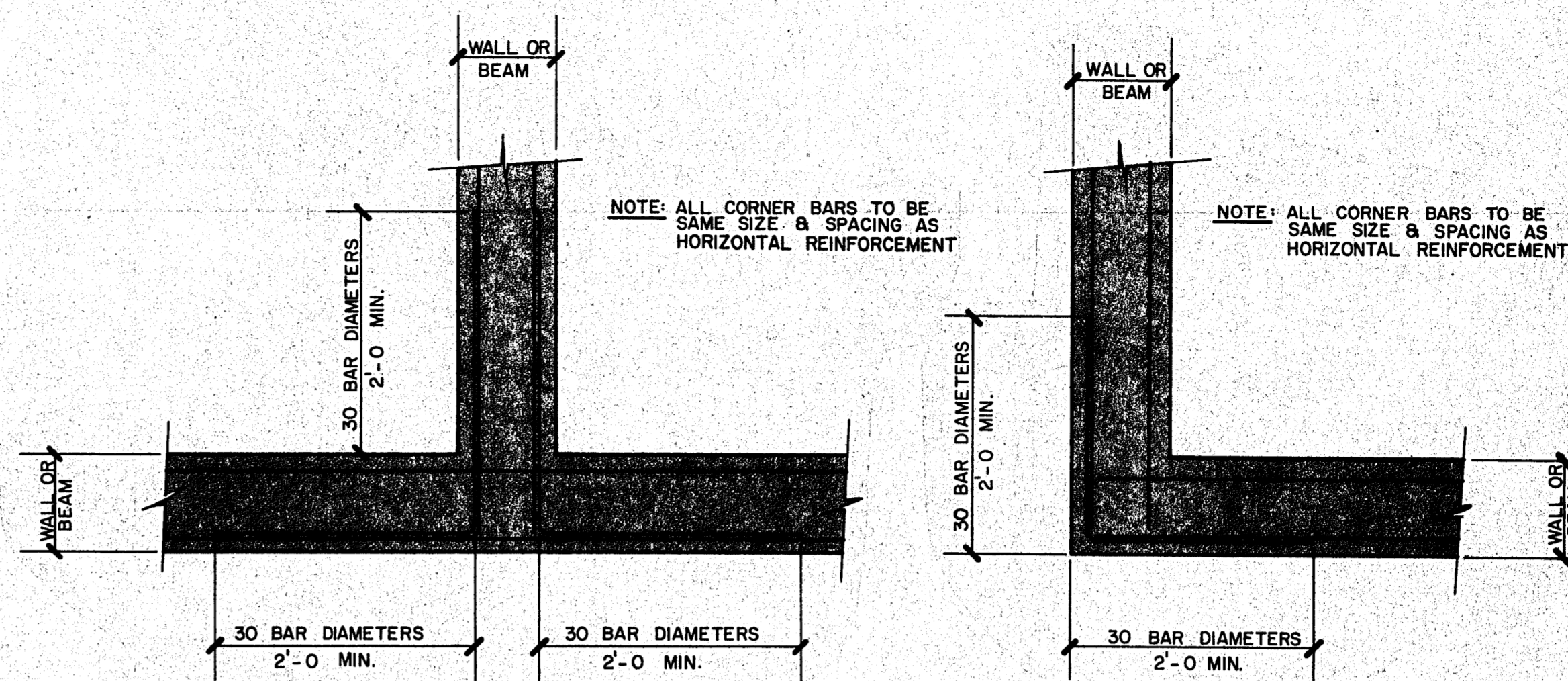
02 Typical Grade Beam Detail
SEE TYPICAL CORNER BAR DETAILS



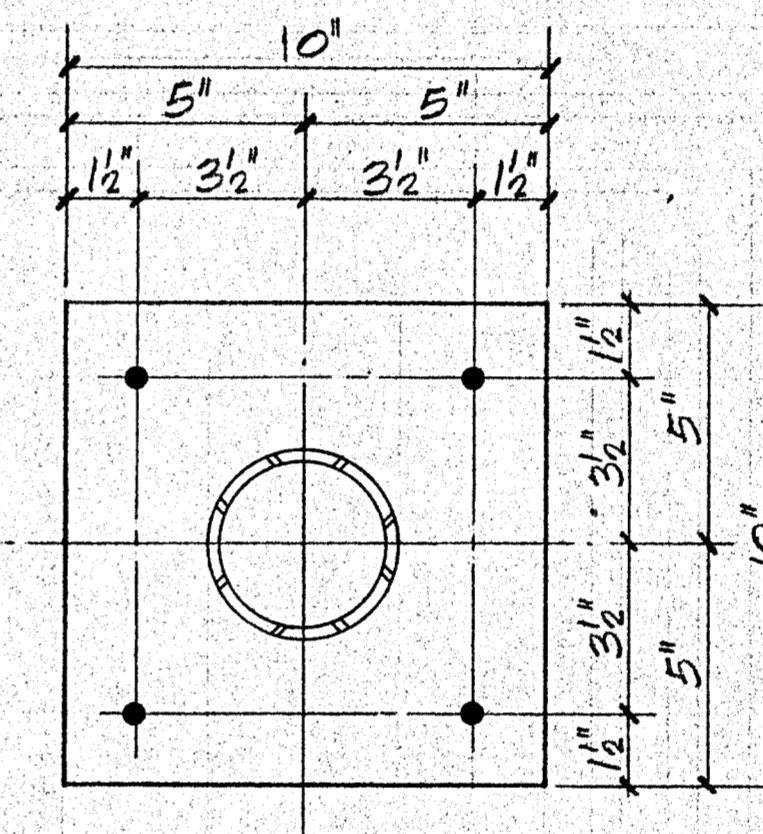
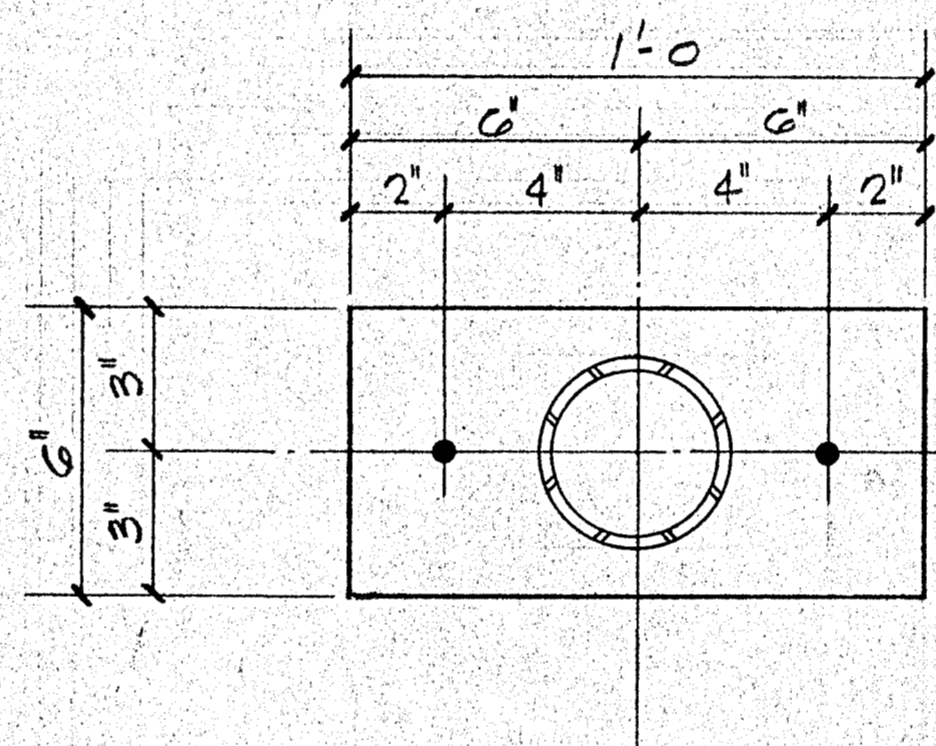
05 Typical Control Joint Detail
NOTED AS C.J.



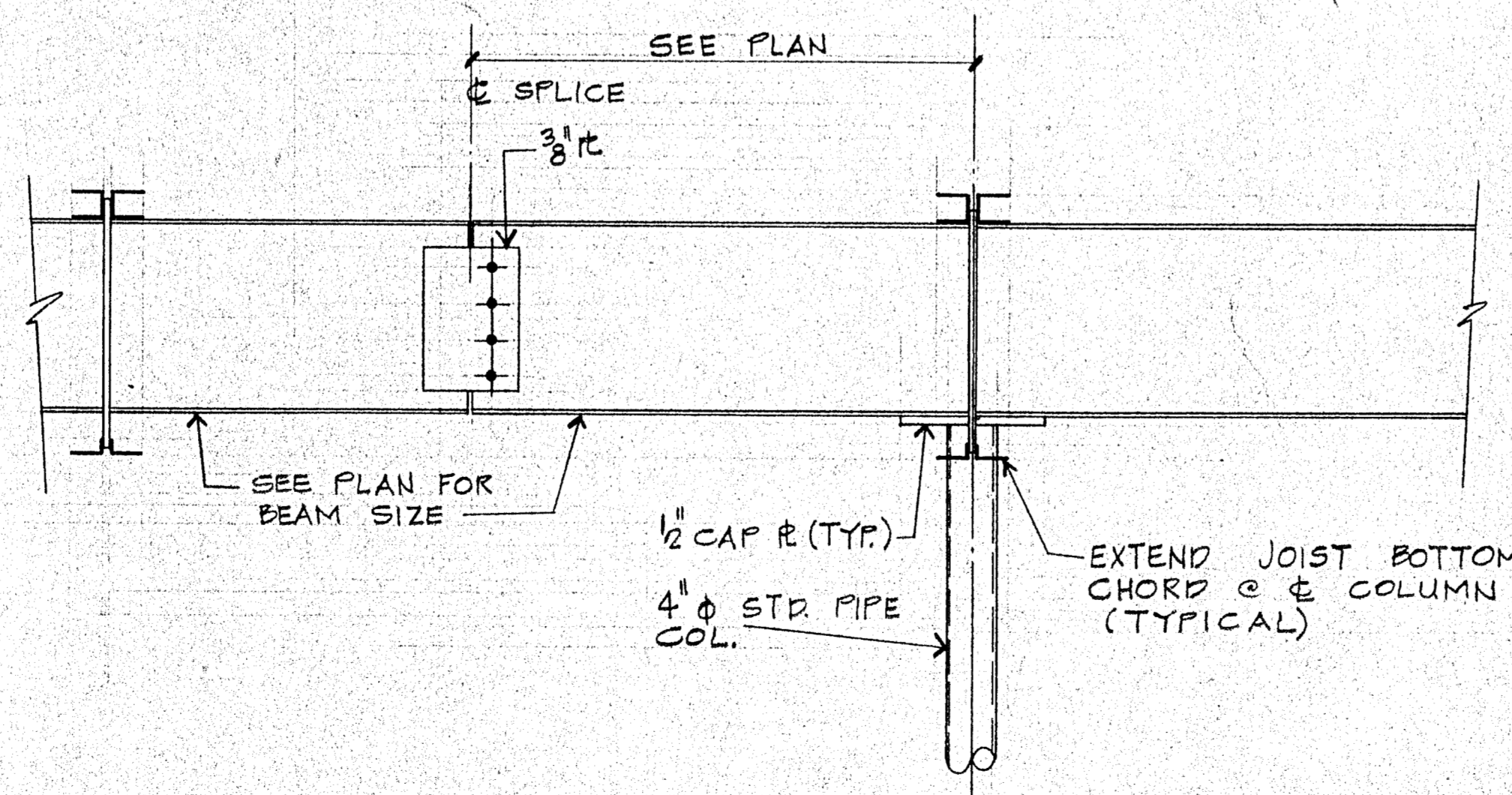
06 Typical Construction Joint Detail



03 Typical Corner Bar Details



07 Typical Column Base Plate Details

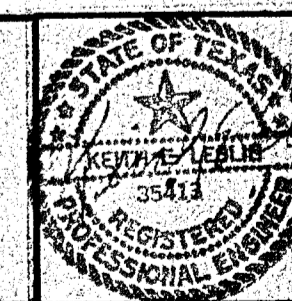


08 Typical Beam Splice Detail

Notes:

1. NOT USED.
2. A MINIMUM OF 1'-0 OF ENGINEERED FILL WITH A MAXIMUM P.I. OF 3 TO 12 AND CLOSURE OF LESS THAN TWO (2) INCHES IN DIAMETER SHALL BE COMPACTED IN MAXIMUM LIFTS OF EIGHT (8) INCHES TO A MINIMUM OF 95% OF ITS STANDARD PROCTOR DENSITY.
3. ALL PIER HOLES SHALL CAREFULLY CLEANED OF LOOSE MATERIAL BEFORE CONCRETING. CONCRETE SHALL BE PLACED IMMEDIATELY AFTER DRILLING & CLEANING. ALL PIERS SHALL BE DRILLED IN TRUE ALIGNMENT AT THE LOCATIONS & SPACING INDICATED ON THE PLANS.
4. ALL CONCRETE SHALL BE OF HARDROCK CONCRETE WITH A MINIMUM OF 5 SACKS PER CUBIC YARD AND A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. THE CONCRETE SHALL HAVE A MAXIMUM SLUMP OF THREE (3) INCHES.
5. PORTLAND CEMENT SHALL CONFORM TO A.S.T.M. C-150. AGGREGATE SHALL CONFORM TO A.S.T.M. C-33.
6. ALL CONCRETE WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST A.C.I. SPECIFICATIONS.
7. ALL REINFORCING STEEL SHALL BE A.S.T.M. 615 GRADE 60 EXCEPT TIES & STIRRUPS WHICH MAY BE GRADE 40.
8. REINFORCING STEEL SHALL BE DESIGNED, DETAILED, FABRICATED, & PLACED IN ACCORDANCE WITH THE LATEST A.C.I. "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" (A.C.I. 315) AND THE LATEST EDITION OF THE C.R.S.I. "RECOMMENDED PRACTICE FOR PLACING REINFORCING BARS".
9. ALL STRUCTURAL STEEL SHALL BE A36 STEEL WITH ONE SHOP COAT OF RUST INHIBITIVE PAINT.
10. ALL BOLTS SHALL BE 3/4" A325 HIGH STRENGTH BOLTS. ALL WELDED CONNECTIONS SHALL BE MADE WITH E70XX ELECTRODES BY A CERTIFIED WELDER.
11. ALL STEEL ERECTION SHALL BE DONE IN ACCORDANCE WITH THE LATEST A.I.S.C. SPECIFICATIONS.
12. ALL STEEL JOISTS SHALL BE FABRICATED & ERECTED IN ACCORDANCE WITH THE LATEST S.J.I. SPECIFICATIONS. ALL JOISTS SHALL RECEIVE AT LEAST ONE COAT OF RUST INHIBITIVE PAINT.
13. ALL ROOF DECK SHALL BE 22 GAGE, TYPE "A" METAL ROOF DECK & SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND LATEST STEEL DECK INSTITUTE SPECIFICATIONS. ALL DECK SHALL BE CONTINUOUS OVER A MINIMUM OF THREE SPANS.
14. ALL MECHANICAL ROOF LOADS SHALL BE LOCATED ON THE ROOF BEAMS NEAR A COLUMN. IF THIS IS NOT POSSIBLE, ANY LOADS ON THE JOISTS SHALL BE SPACED OVER THREE OR MORE JOISTS. LOCATION OF ANY LOADS IN EXCESS OF 3000 LBS. SHALL BE VERIFIED WITH THE STRUCTURAL ENGINEER.
15. DESIGN LIVE LOADS:
ROOF.....20 PSF
WIND.....20 PSF
UPLIFT.....15 PSF
16. ALLOWABLE BEARING OF GRAY LIMESTONE:
END BEARING.....40,000 PSF
SIDE FRICTION.....16,000 PSF

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Additions and Alterations to the
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Addison, Texas

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