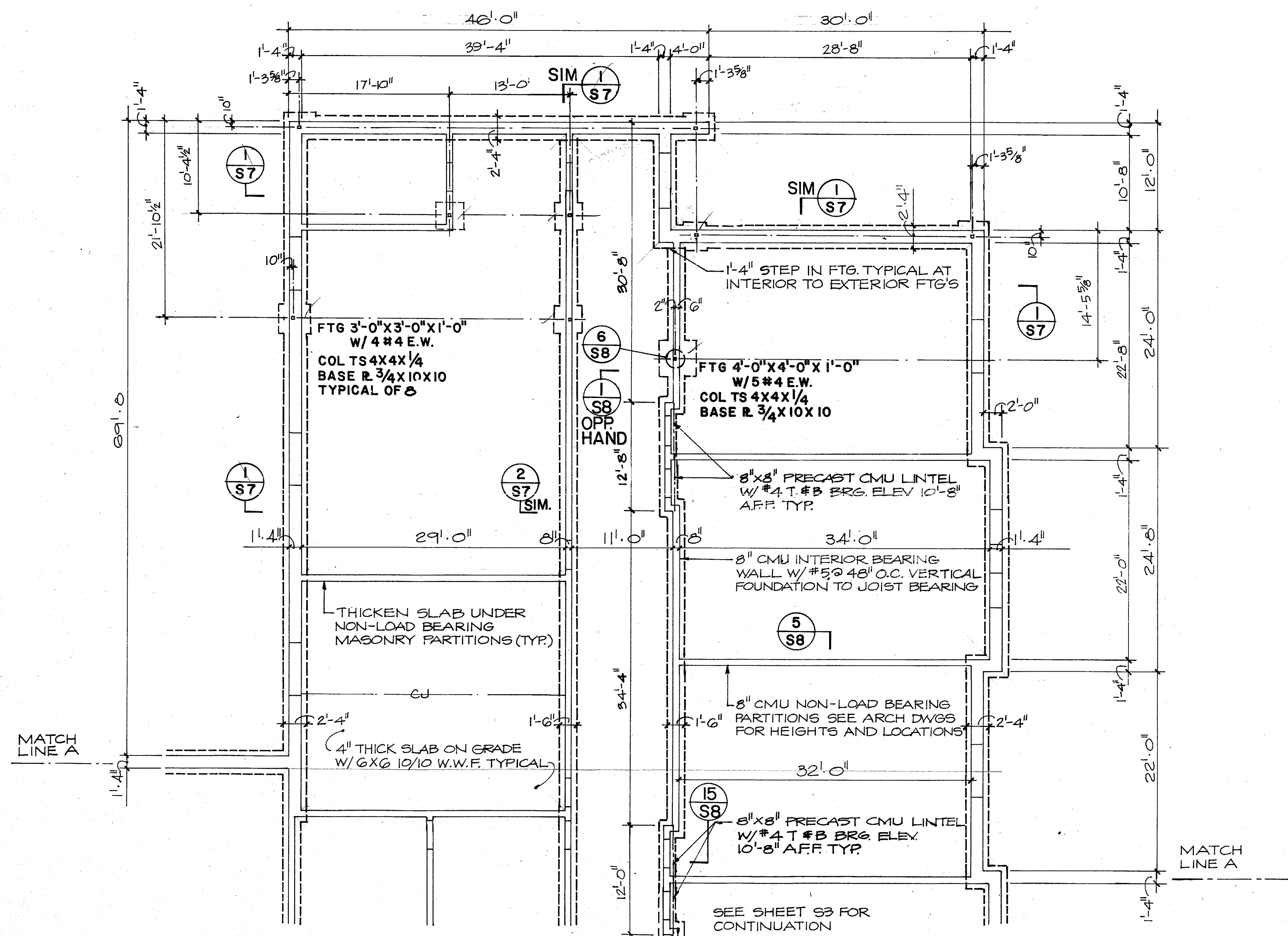
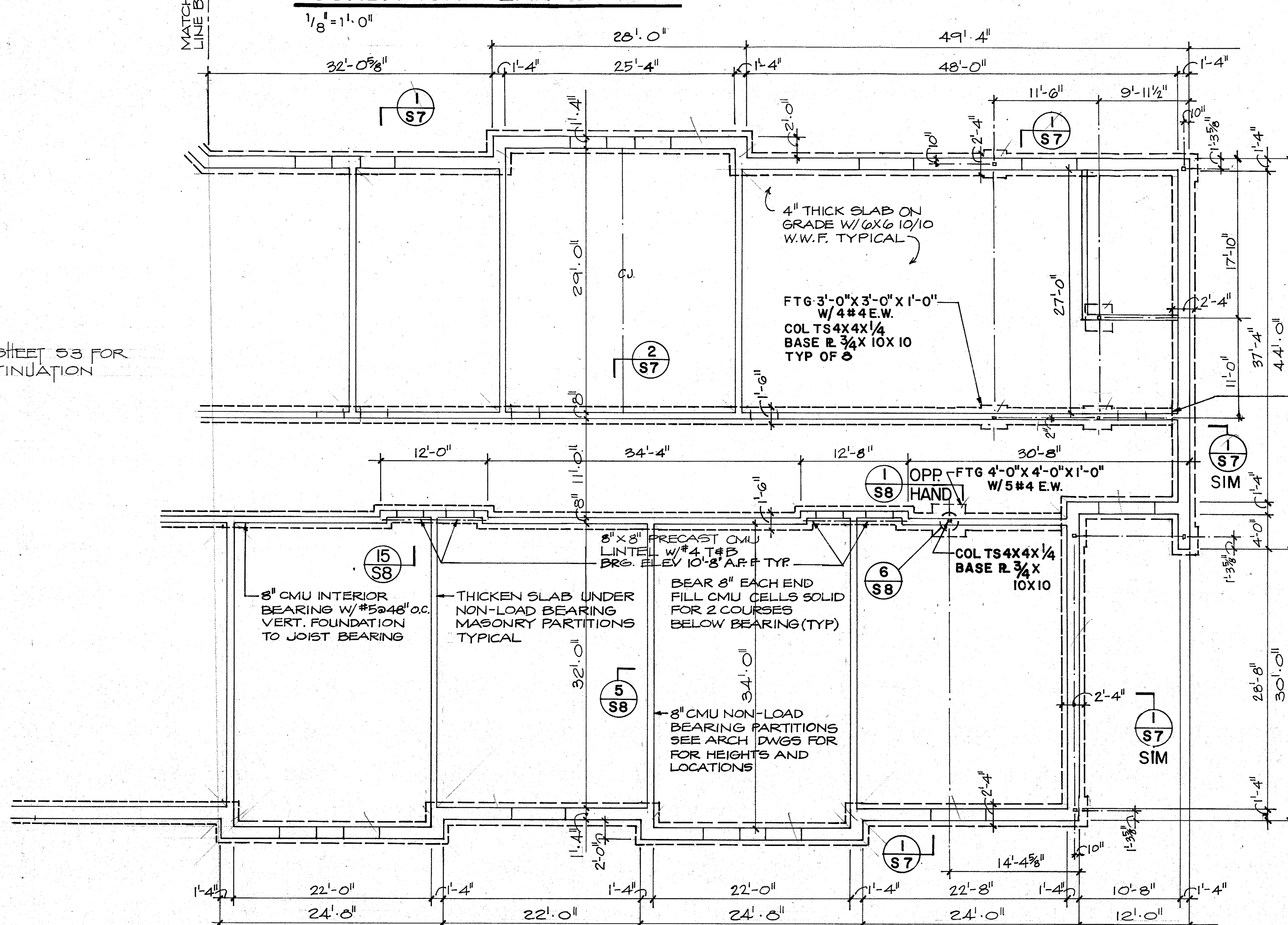




FOUNDATION PLAN: WING 'A'

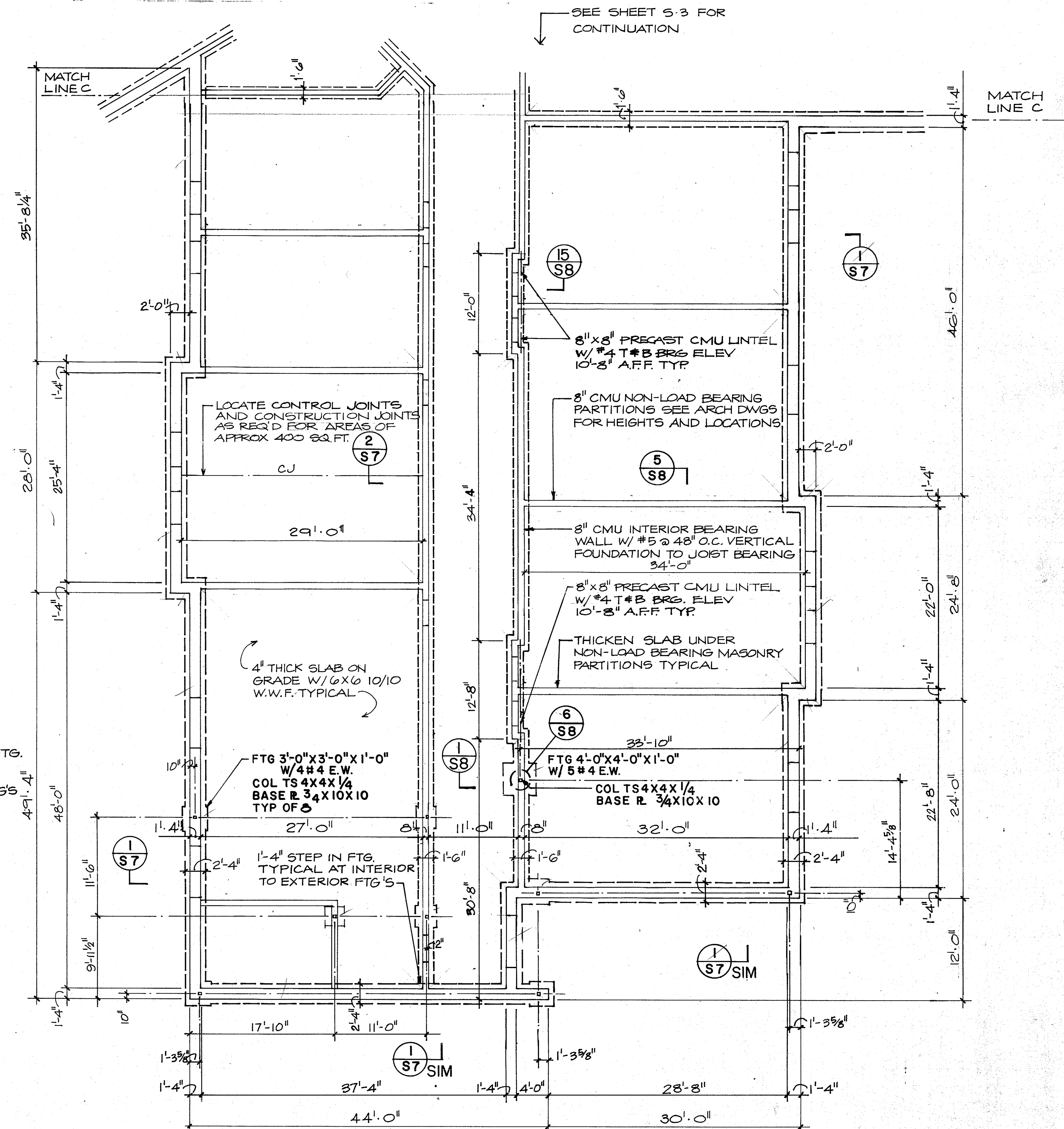
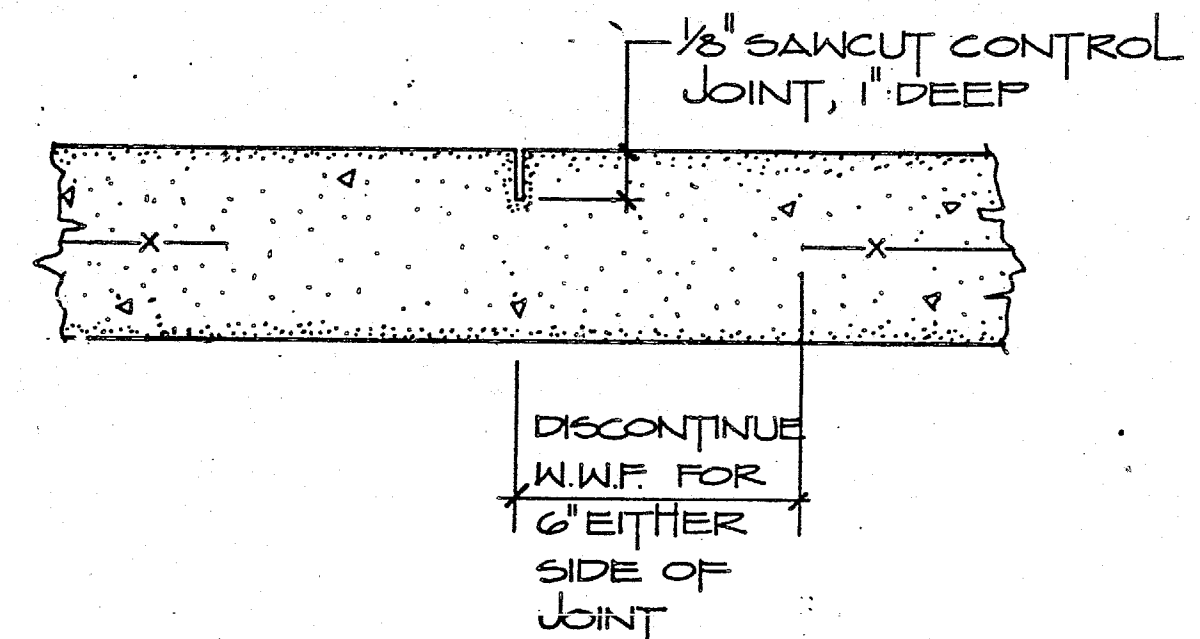
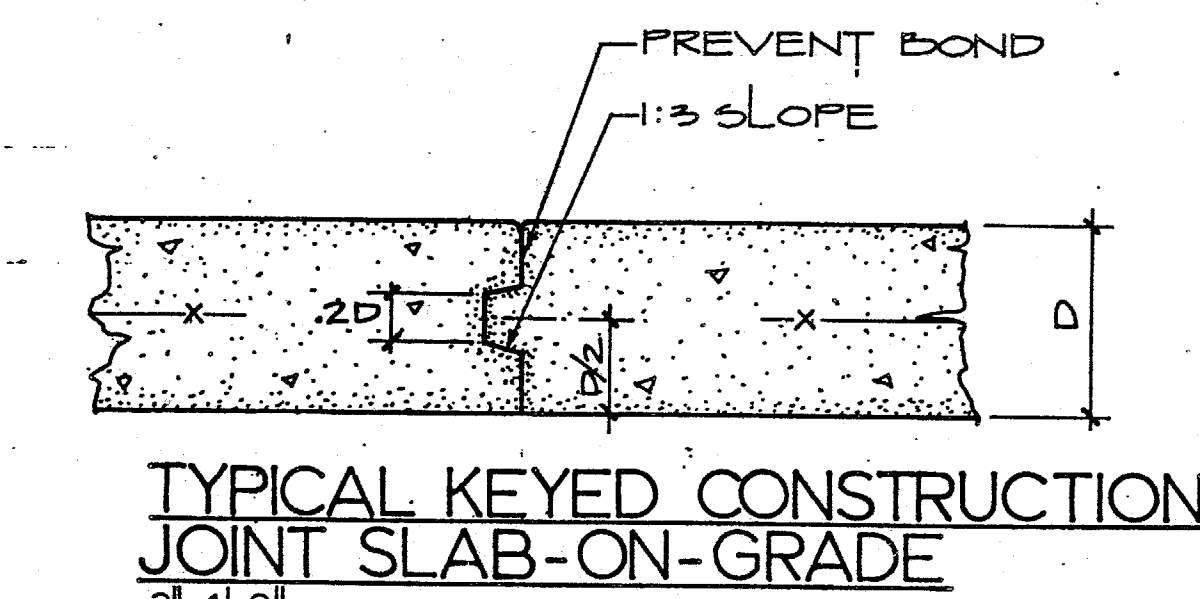
1/8" = 1'-0"

SEE SHEET S3 FOR CONTINUATION



FOUNDATION PLAN: WING 'B'

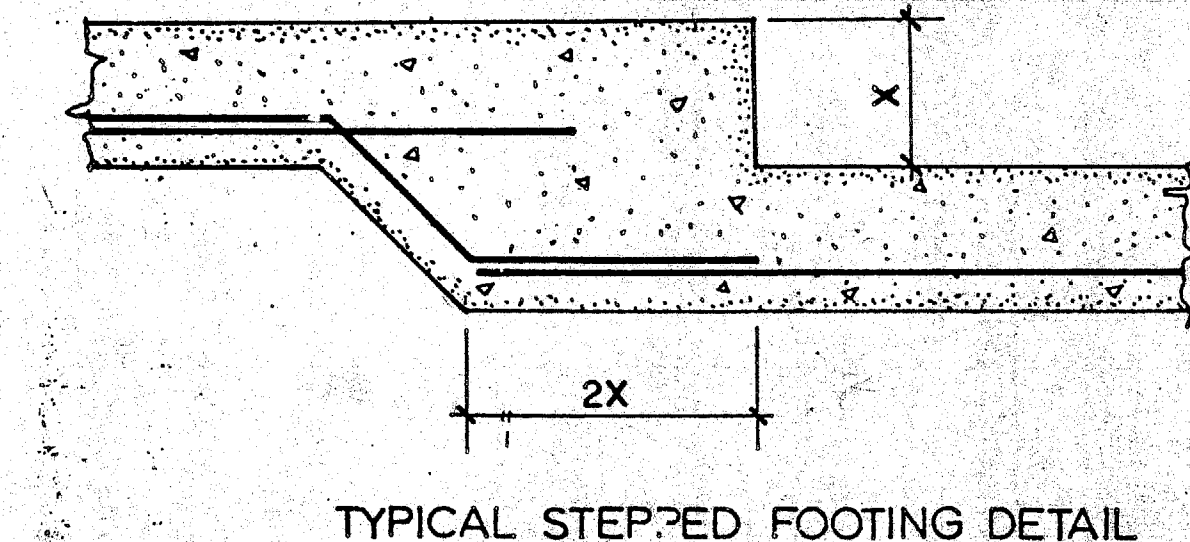
1/8" = 1'-0"



FOUNDATION PLAN: WING 'C'

1/8" = 1'-0"

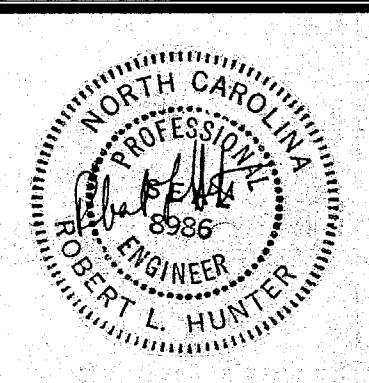
- PLAN NOTES (TYPICAL FOR THREE WINGS)
1. FINISHED FLOOR ELEVATION IS 204.00'
 2. (2'-0") INDICATES TOP OF FOOTING ELEVATION BELOW FINISHED FLOOR. (2'-0") IS TYPICAL AT EXTERIOR FOOTINGS AND (0'-8") IS TYPICAL AT INTERIOR FOOTINGS.
 3. NOTES, SECTIONS, AND DETAILS SHOWN ON WING, GR. 6 APPLY TO ALL THREE WINGS UNLESS NOTED OTHERWISE (U.N.O.).
 4. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL DETAILS OF MASONRY CONSTRUCTION NOT SHOWN.



- GENERAL NOTES
1. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION AND COORDINATION WITH OTHER CONTRACT DOCUMENTS.
 2. FOUNDATION DESIGN IS BASED ON ALLOWABLE SOIL BEARING PRESSURE OF 1500 PSF.
 3. CONCRETE FOR THE PROJECT SHALL BE:

STRENGTH	DENSITY	USAGE
3500 PSI	150 PCF	CONCRETE SLAB ON GRADE
3000 PSI	150 PCF	FOOTINGS, MASONRY FILL (PEA GRAVEL)
 4. REINFORCING STEEL IS TO BE ASTM 615, GRADE 60, FABRICATED AND PLACED IN ACCORDANCE WITH ACI 318-83. PROVIDE A TYPE 'A' TENSION SPICE UNLESS SHOWN OR NOTED OTHERWISE ON THE DRAWINGS. WELDED WIRE FABRIC IS TO BE ASTM A185.
 5. ALL MASONRY SHALL BE LAID IN TYPE 'S' MORTAR.
 6. ANCHOR BOLTS ARE TO BE SET WITH A TEMPLATE PRIOR TO POURING CONCRETE.
 7. TUBE STEEL IS TO BE ASTM A500 GRADE B WITH MINIMUM YIELD STRENGTH OF 46 KSI.
 8. ALL WELDED CONNECTIONS ARE TO BE MADE IN ACCORDANCE WITH AWS SPECIFICATIONS BY A CERTIFIED WELDER USING E70XX ELECTRODES.
 9. BOLTED CONNECTIONS ARE TO BE MADE USING ASTM A325 BOLTS. ALL CONNECTIONS ARE BEARING TYPE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
 10. STRUCTURAL STEEL JOISTS ARE TO BE FABRICATED AND ERECTED IN ACCORDANCE WITH SJI SPECIFICATIONS. JOIST FABRICATOR TO PROVIDE ALL BOTTOM CHORD BRACING FOR JOIST GIRDER AS REQUIRED BY DESIGN. HORIZONTAL BRIDGING SHOWN CONCEPTUALLY ON PLANS IS PER SJI SPECIFICATIONS FOR TYPICAL JOIST SPANS AND SPACINGS. JOIST FABRICATOR TO PROVIDE ALL ADDITIONAL BRIDGING REQUIRED BY DESIGN OF JOIST.
 11. JOIST DESIGN TO CONSIDER SLOPES, COORDINATE SPECIAL BEARING REQUIREMENTS WITH STEEL FABRICATOR.
 12. METAL ROOF DECK IS TO BE 1/4", 22 GAUGE, GALVANIZED TYPE 'F' METAL DECK PLACED WITH A MINIMUM THREE SPAN CONDITION. WELD TO SUPPORTS USING 1/2" ROUND PUFFLE WELDS AT 12" ON CENTER. SCREW SIDELAPS AT MIDPOINT WITH NO. 10 SHEET METAL SCREWS.
 13. PROVIDE AN ANGLE 3X3X1/4 AROUND ALL ROOF OPENINGS. CONTRACTOR SHALL VERIFY ALL LOCATIONS AND SIZES OF ROOF OPENINGS REQUIRED BEFORE FABRICATING STEEL.
 14. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATING MATERIALS.
 15. DESIGN LOADS: MEZZ. AT GYM, ADDITION: LIVE LOAD - 125 PSF. WIND - 90 MPH; DEAD LOAD - 25 PSF; LIVE LOAD - 20 PSF.
 16. CONTRACTOR VERIFY EXISTING CONDITIONS IN THE FIELD AND NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES BETWEEN DESIGN CONCEPT SHOWN AND EXISTING CONDITIONS BEFORE FABRICATING MATERIALS.
 17. STRUCTURAL STEEL IS TO BE ASTM A36 FABRICATED AND ERECTED IN ACCORDANCE WITH ALSO SPECIFICATIONS.
 18. JOIST TO BE DESIGNED FOR NET UPLIFT OF 13 PSF. JOIST MFR. PROVIDE ANY ADDITIONAL BRIDGING REQUIRED.

ROBERT L. HUNTER & ASSOCIATES
STRUCTURAL ENGINEERS
CHARLOTTE, NC 28202
PROJECT 24-007



JOHNSTON COUNTY
MIDDLE SCHOOL
MICRON, N.C.

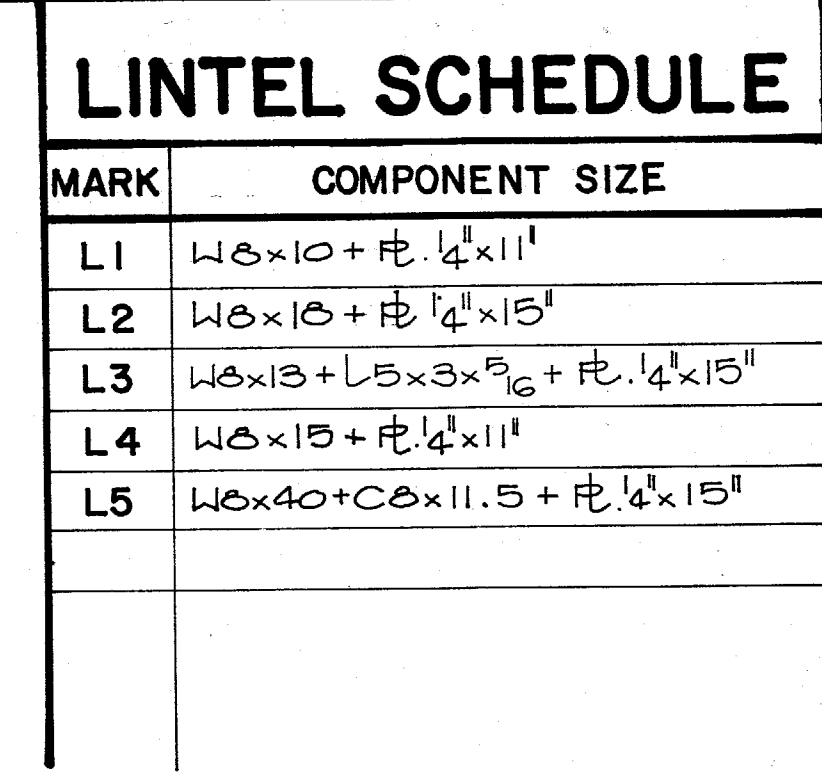
FOUNDATION PLANS: WING 'A', WING 'B' & WING 'C'

Revisions

No.	Date	Description

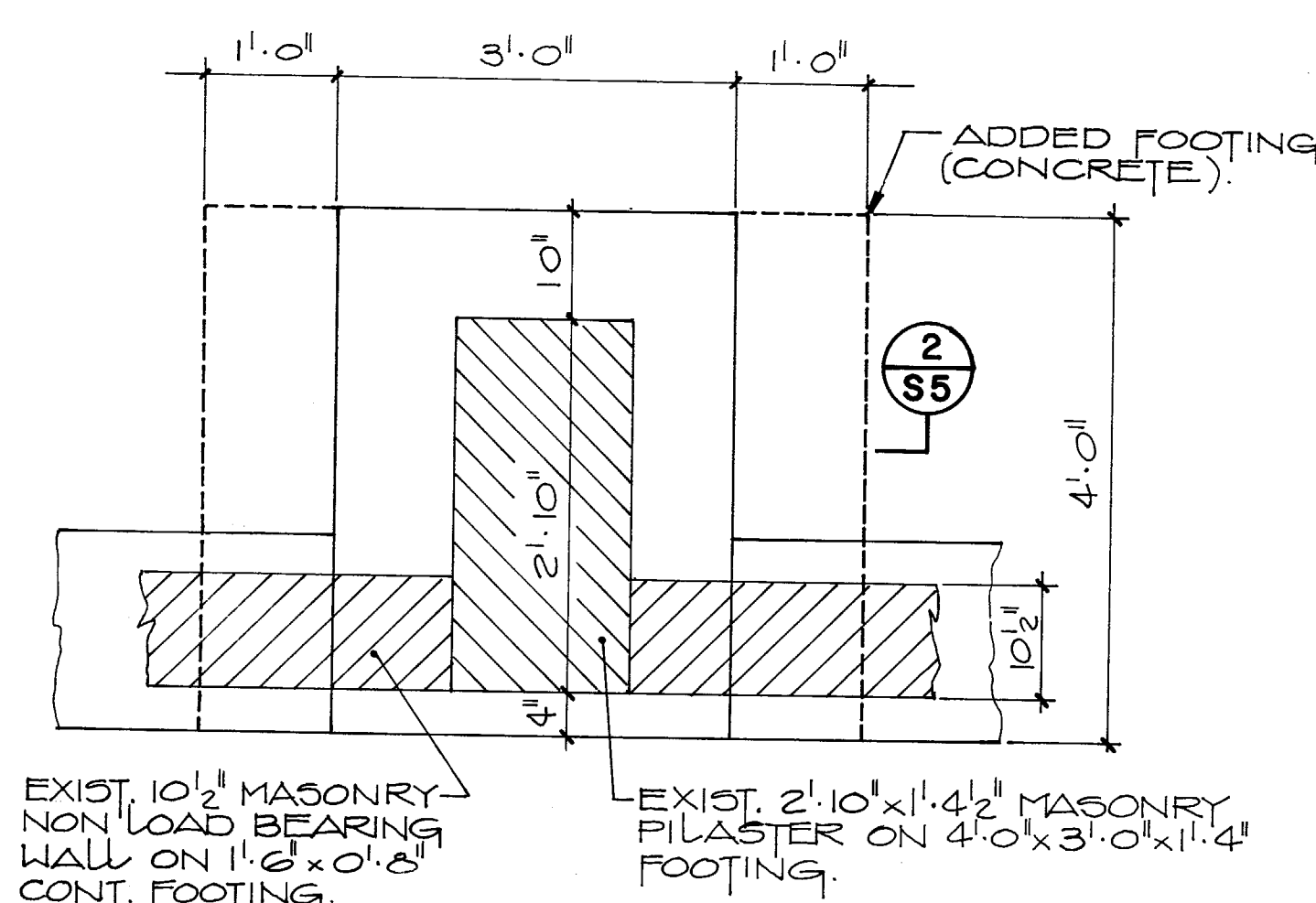
Issue Date 11-9-87

Project Number
Sheet 51 of 8

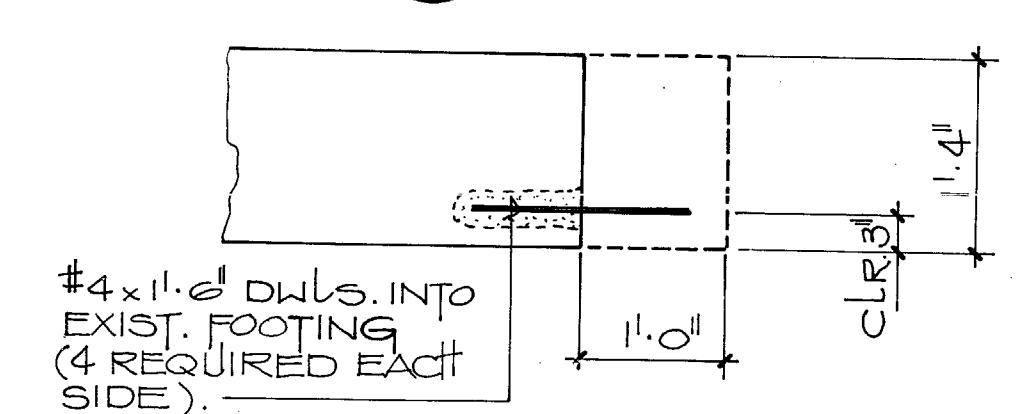


PLAN NOTES:

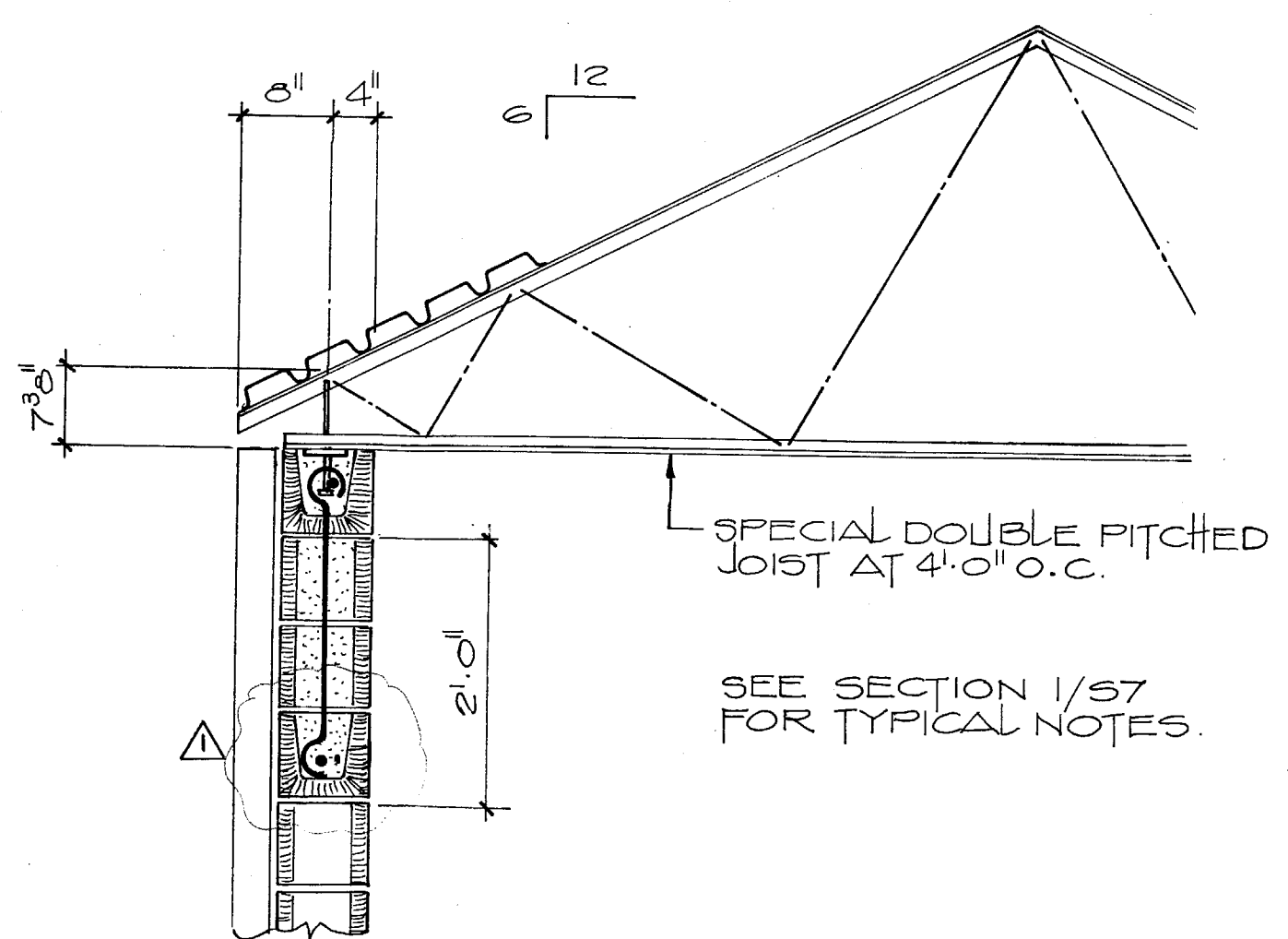
1. ROOF DECK IS 1 1/2" 22 GAGE, TYPE "F", METAL DECK.
2. JBE INDICATES JOIST BEARING ELEV. ABOVE FINISHED FLOOR.
3. [12] 1" INDICATES TOP OF JOIST ELEV. ABOVE FIN. FLOOR (METAL DECK BEARING).
4. [4] 2" INDICATES DEAM BEARING ELEVATION A.F.F.
5. JOISTS OVER STAGE, DESIGNED FOR ADDITIONAL HUNG LOAD OF 20PSF



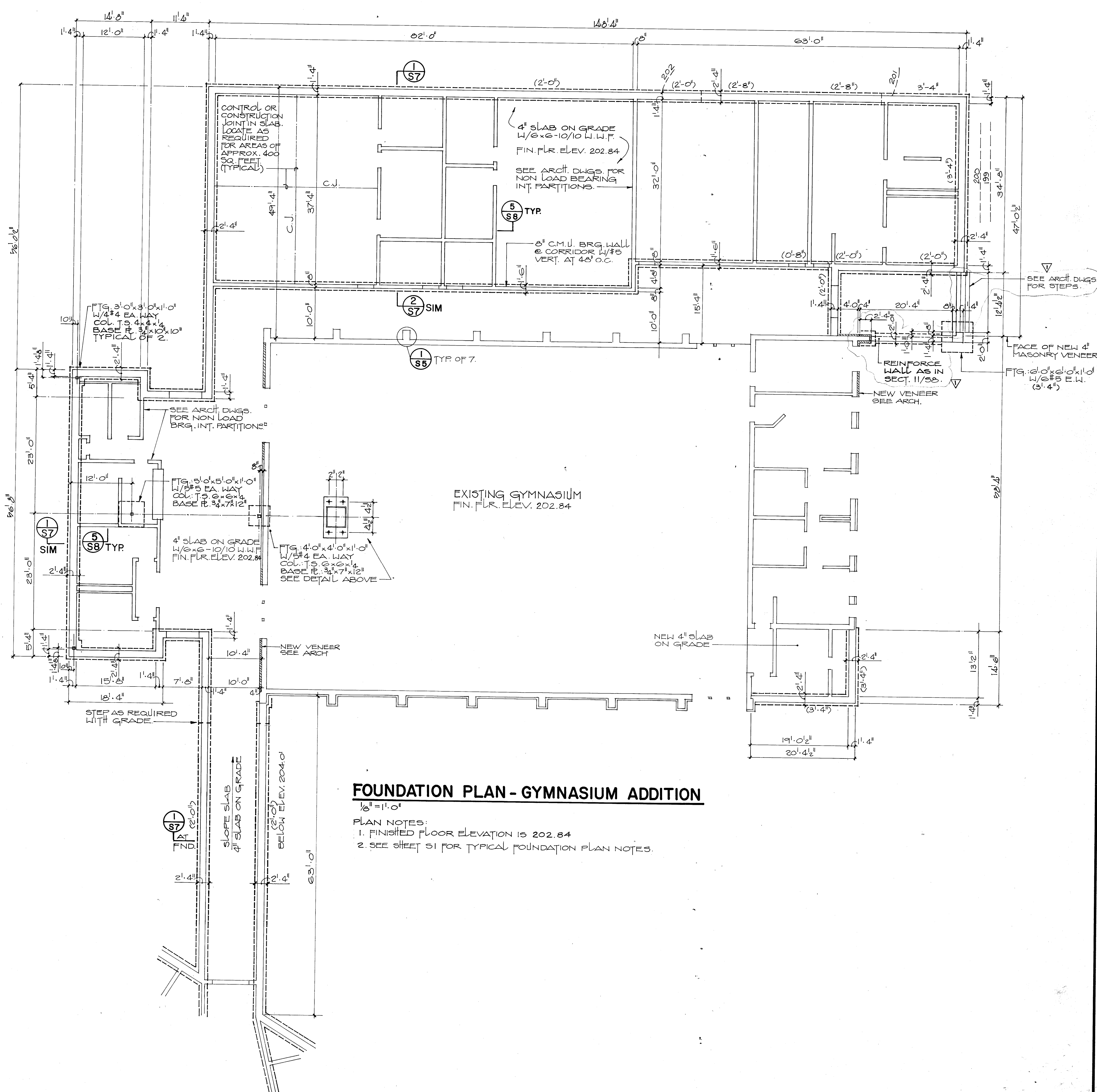
SECTION 1
S5 3/4" = 1'-0"



SECTION 2
S5 3/4" = 1'-0"



SECTION 3
S5 3/4" = 1'-0"



FOUNDATION PLAN - GYMNASIUM ADDITION

1/8" = 1'-0"
PLAN NOTES:
1. FINISHED FLOOR ELEVATION IS 202.84
2. SEE SHEET S1 FOR TYPICAL FOUNDATION PLAN NOTES.

**JOHNSTON COUNTY
MIDDLE SCHOOL
MICRON.C.**

FOUNDATION PLAN - GYMNASIUM ADDITION

Project: JOHNSTON COUNTY MIDDLE SCHOOL MICRON.C.

Sheet Title: FOUNDATION PLAN - GYMNASIUM ADDITION

Drawn By: _____

Date Drawn: _____

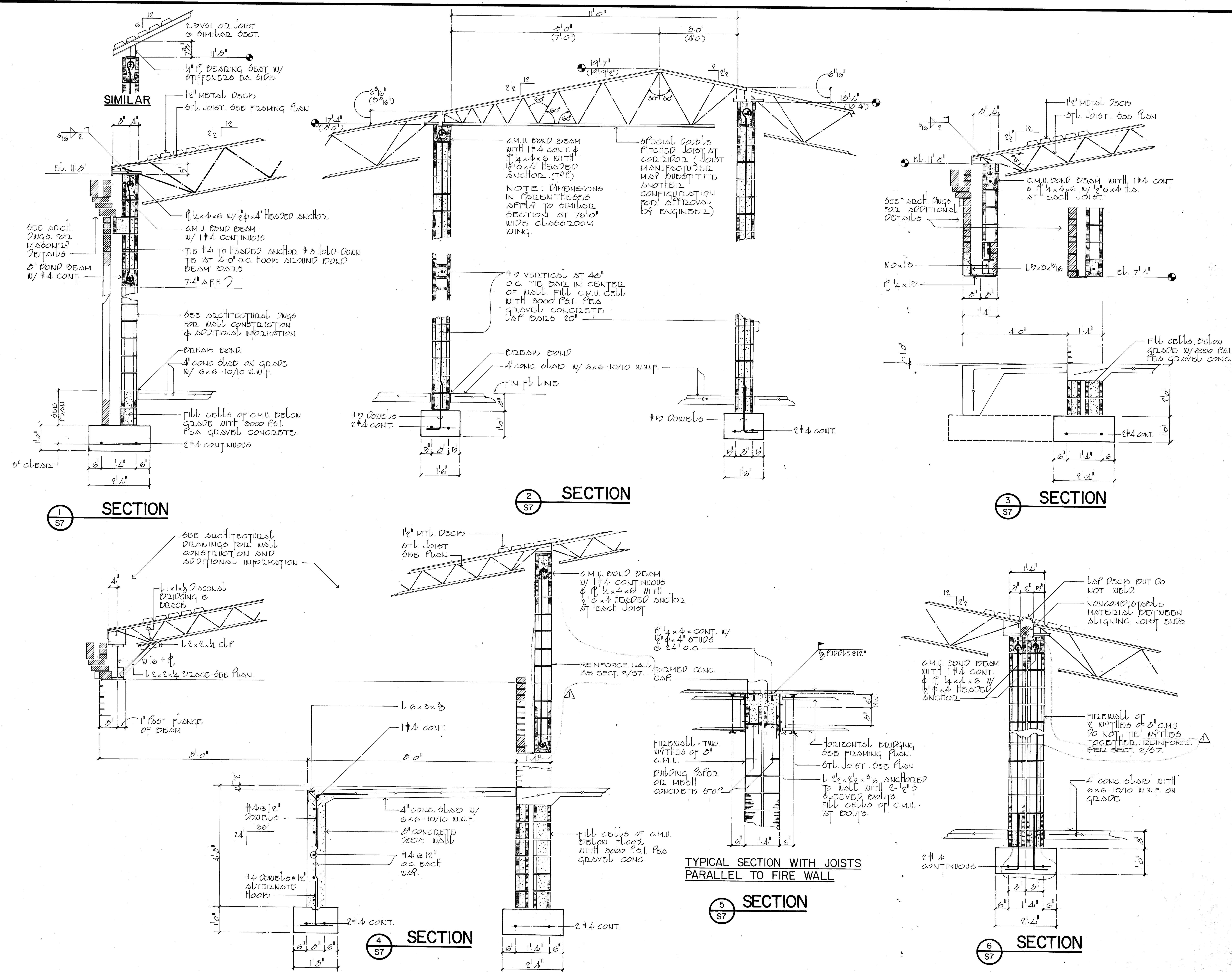
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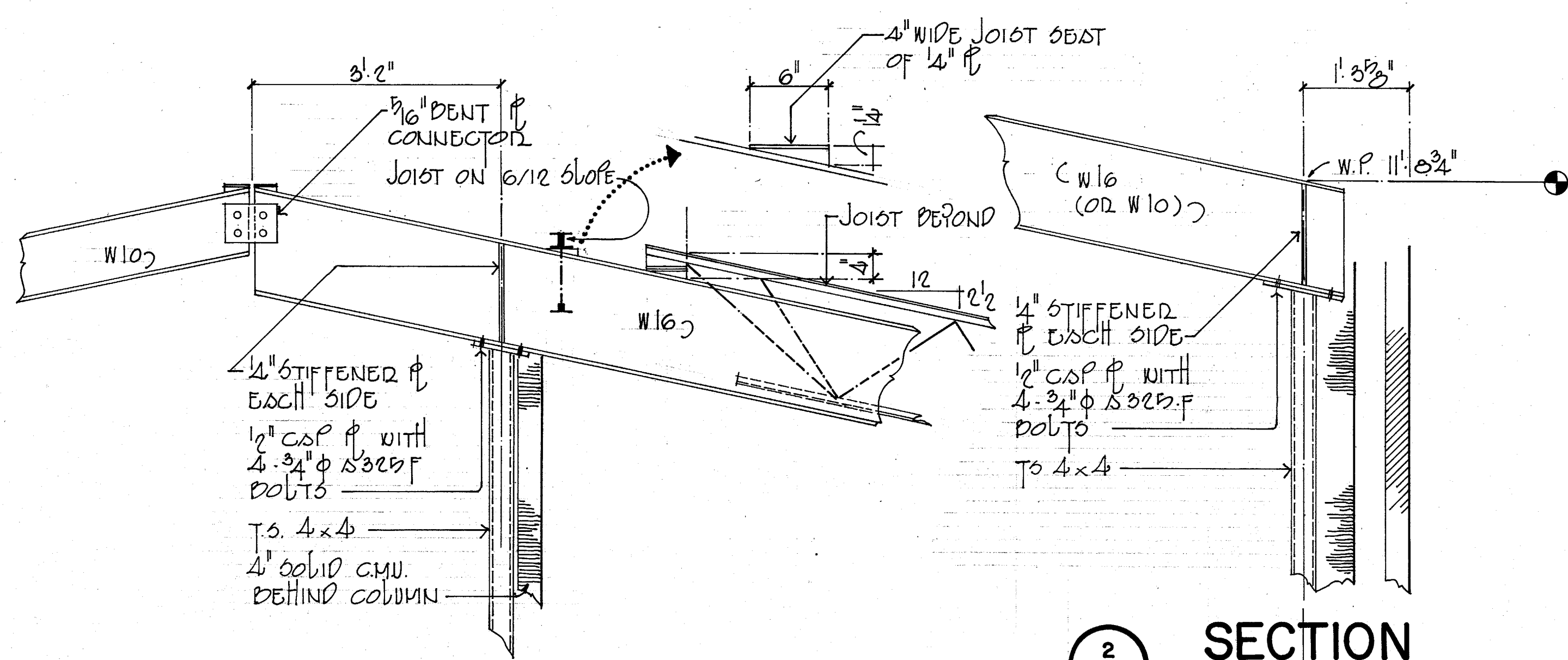
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Issue Date: 11-9-87

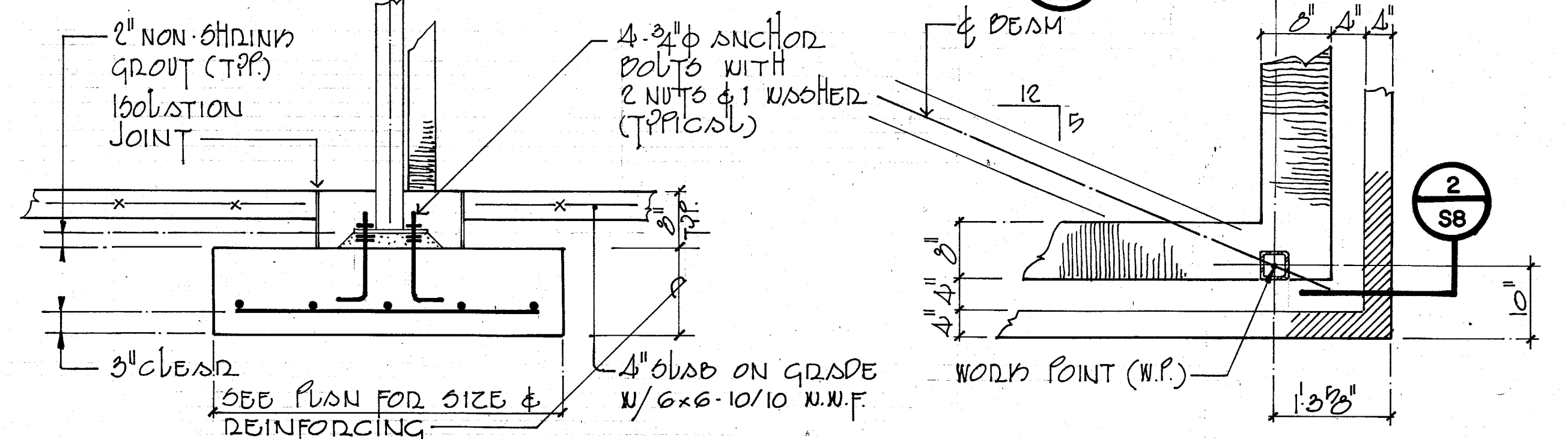
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Sheet: **S5** Of: **8**

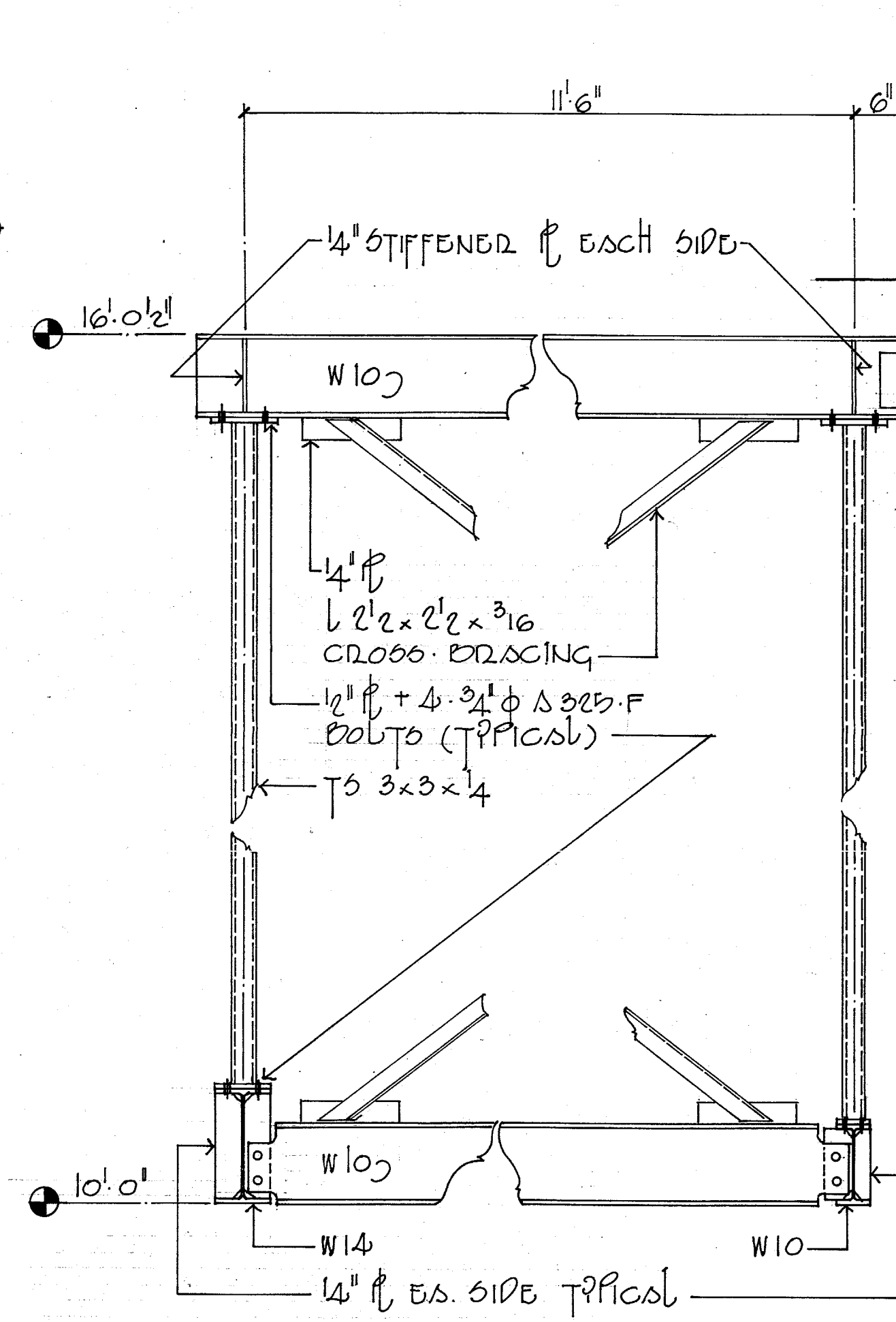




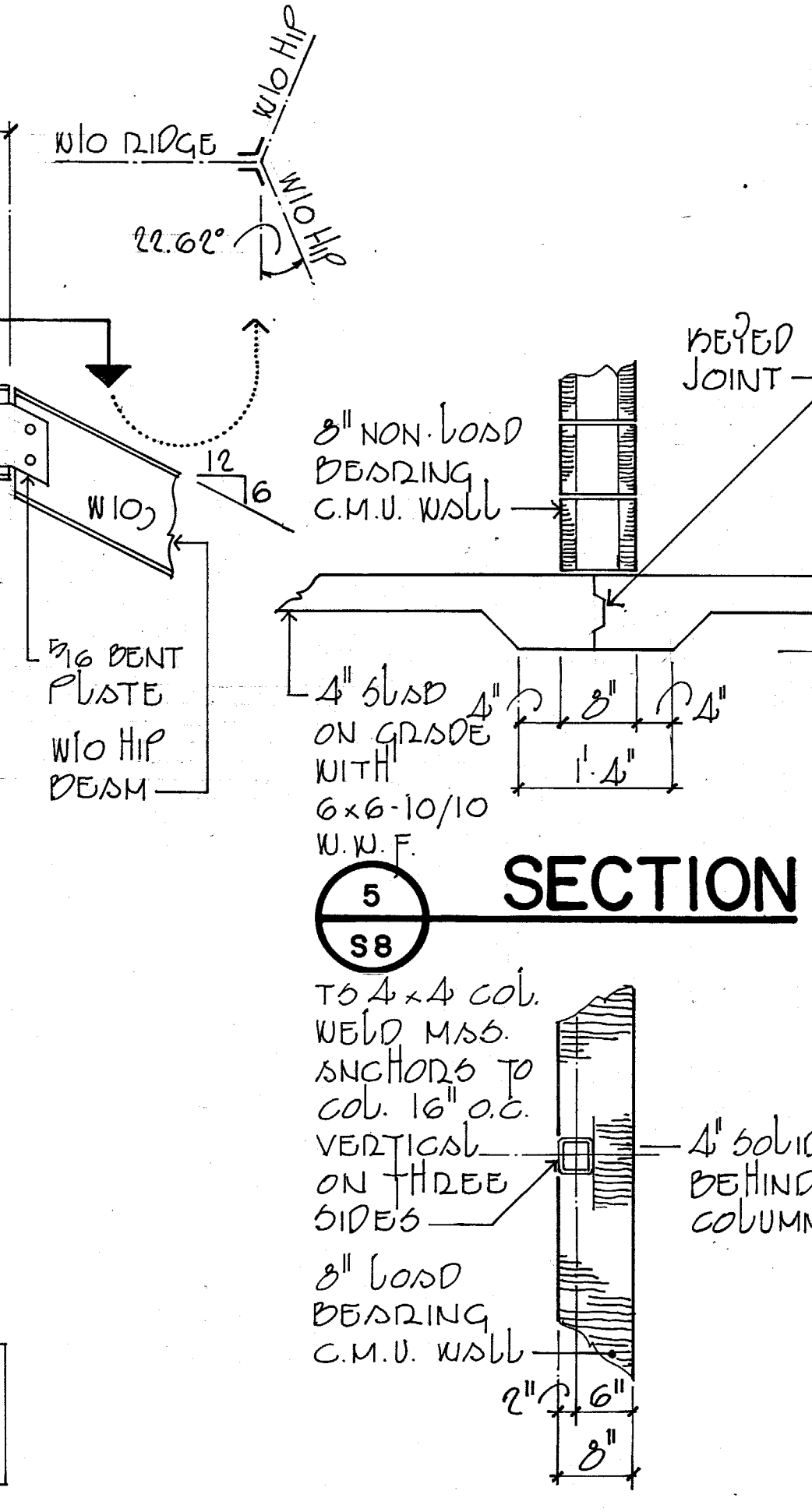
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S8



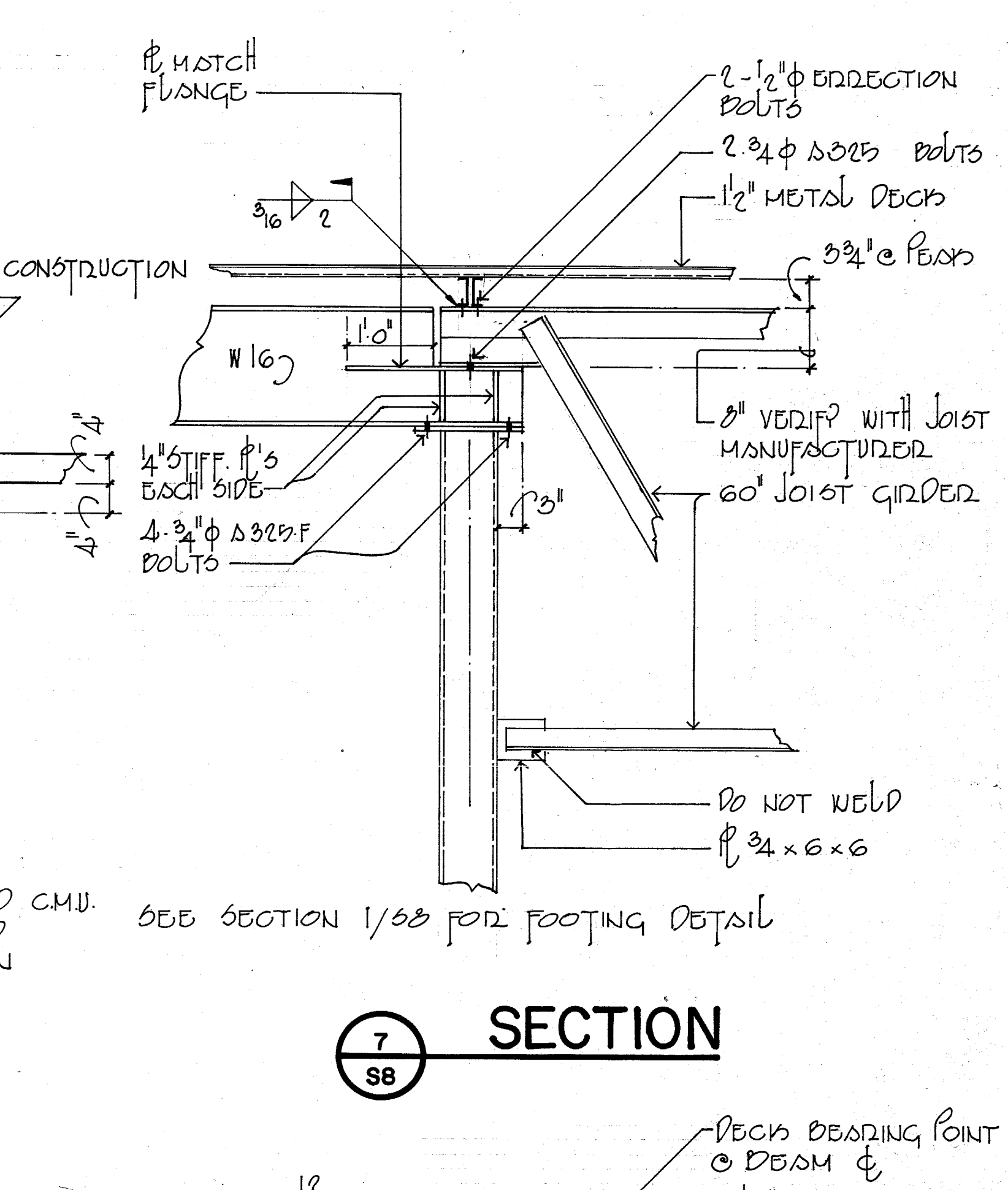
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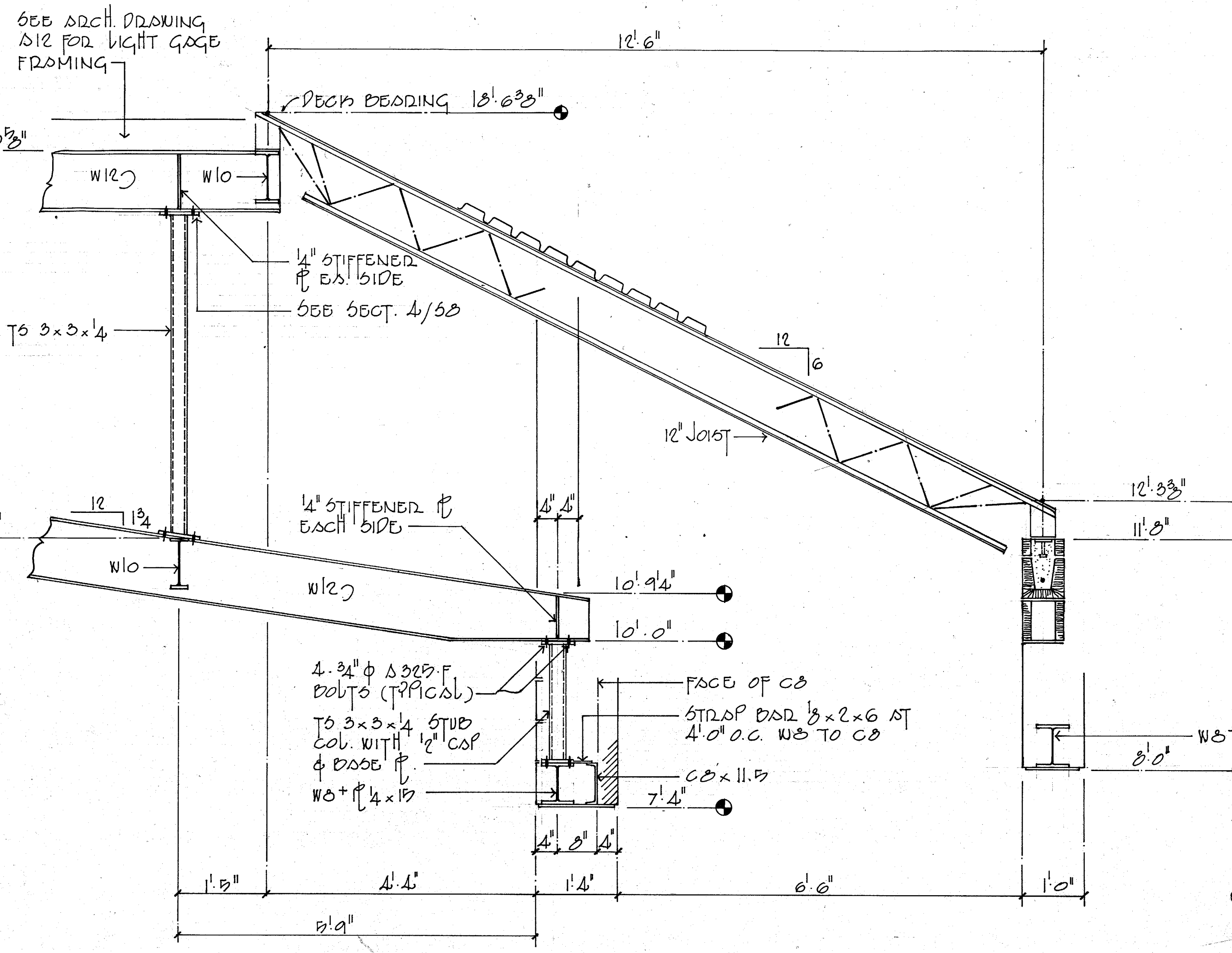
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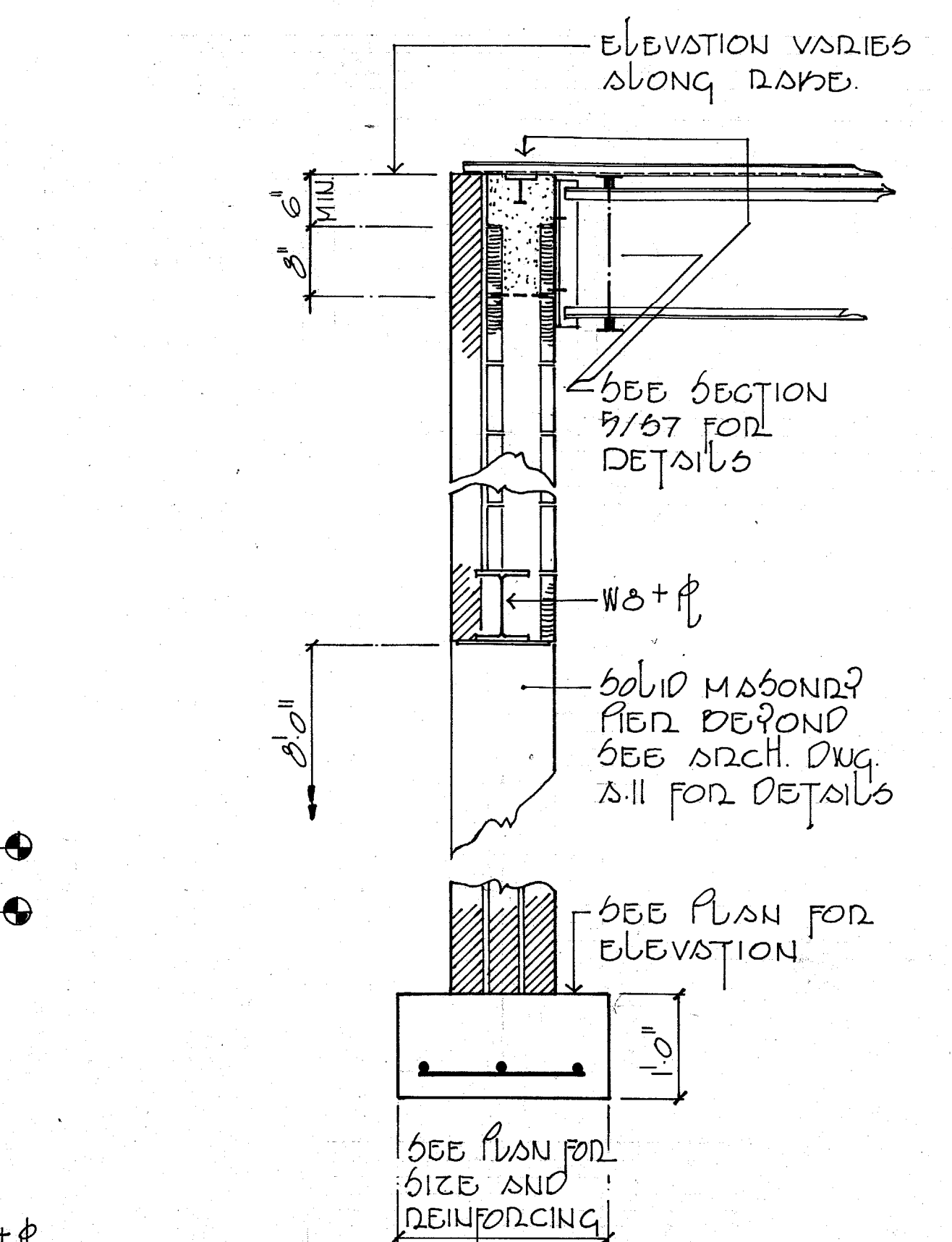
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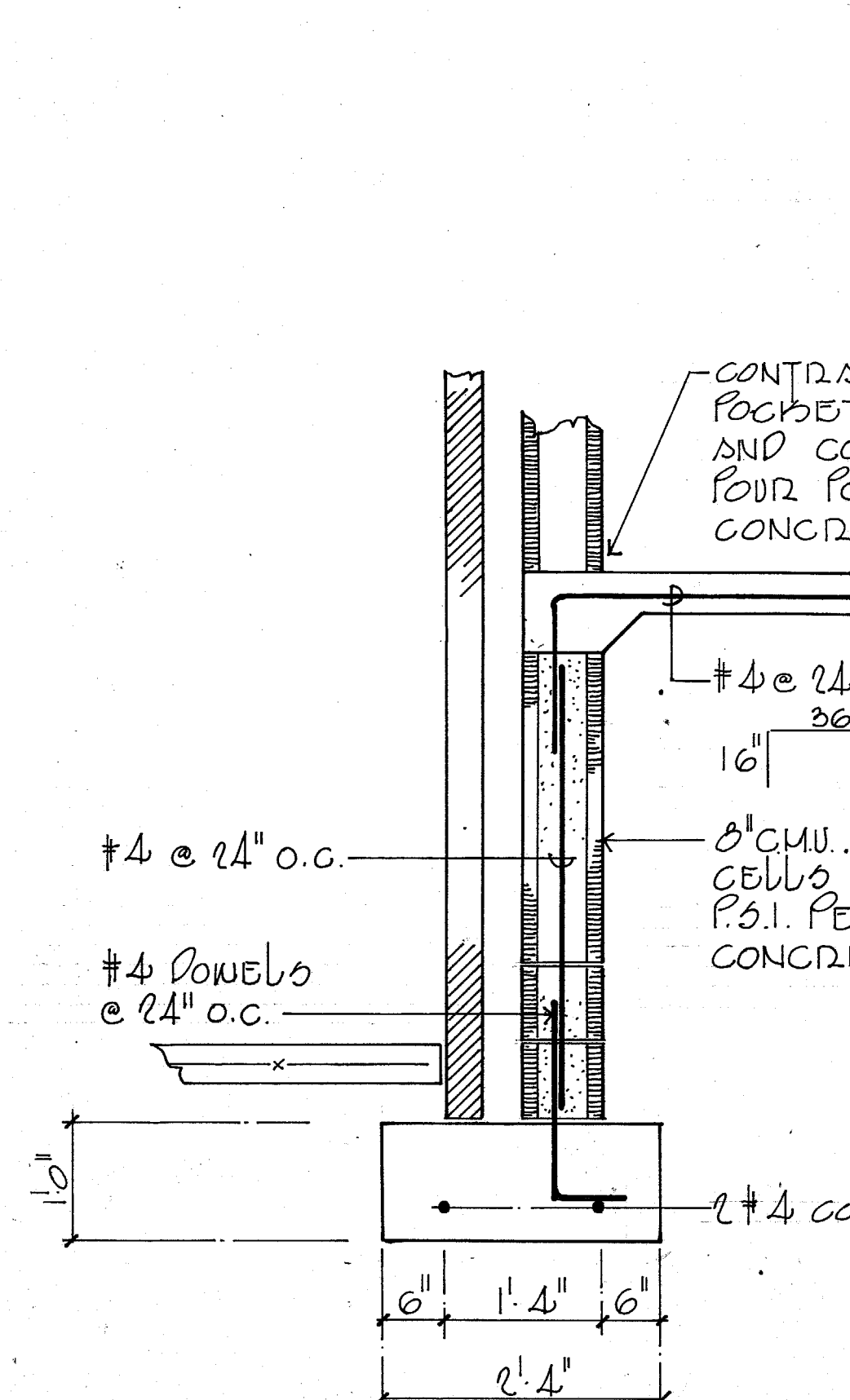
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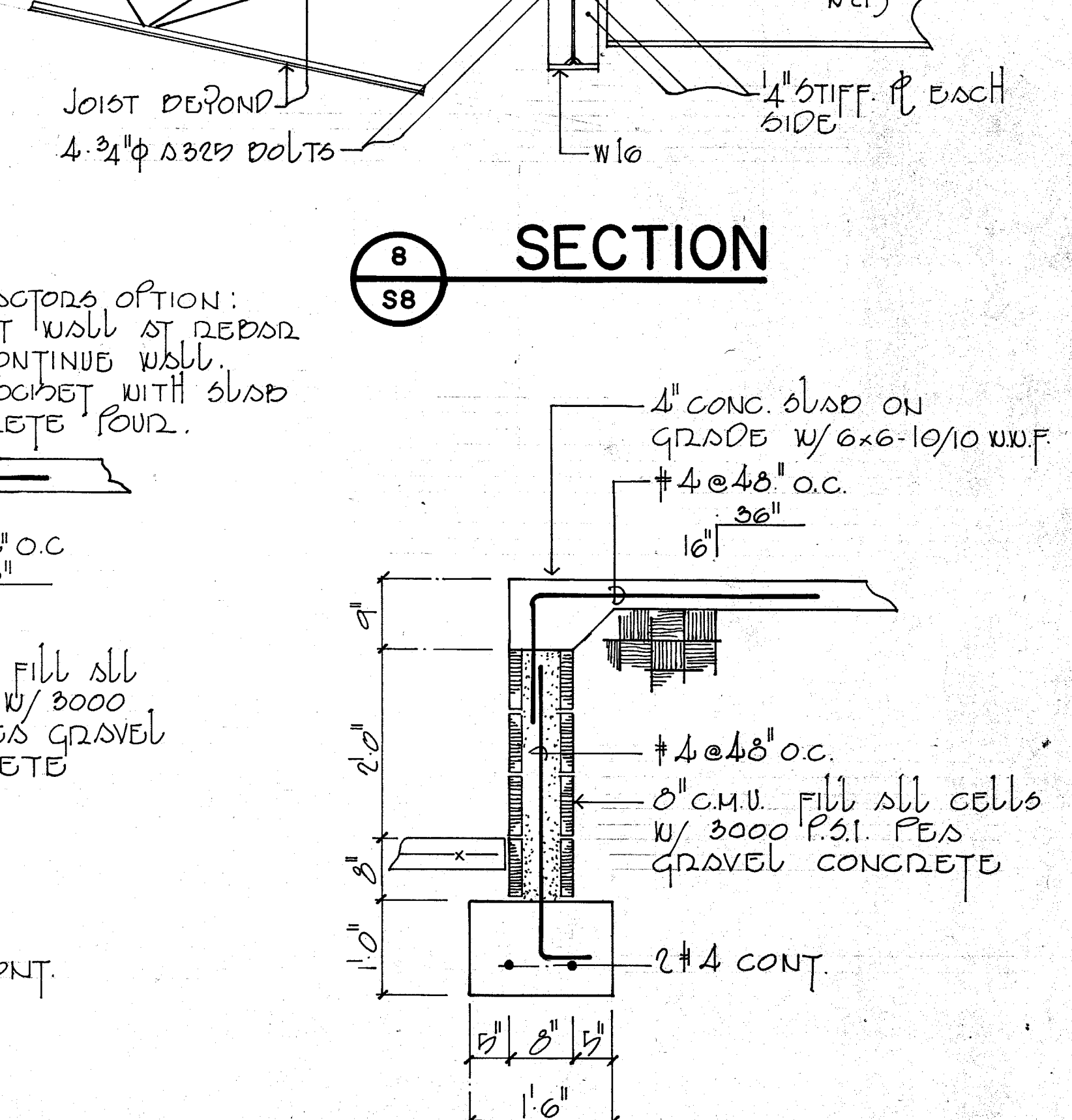
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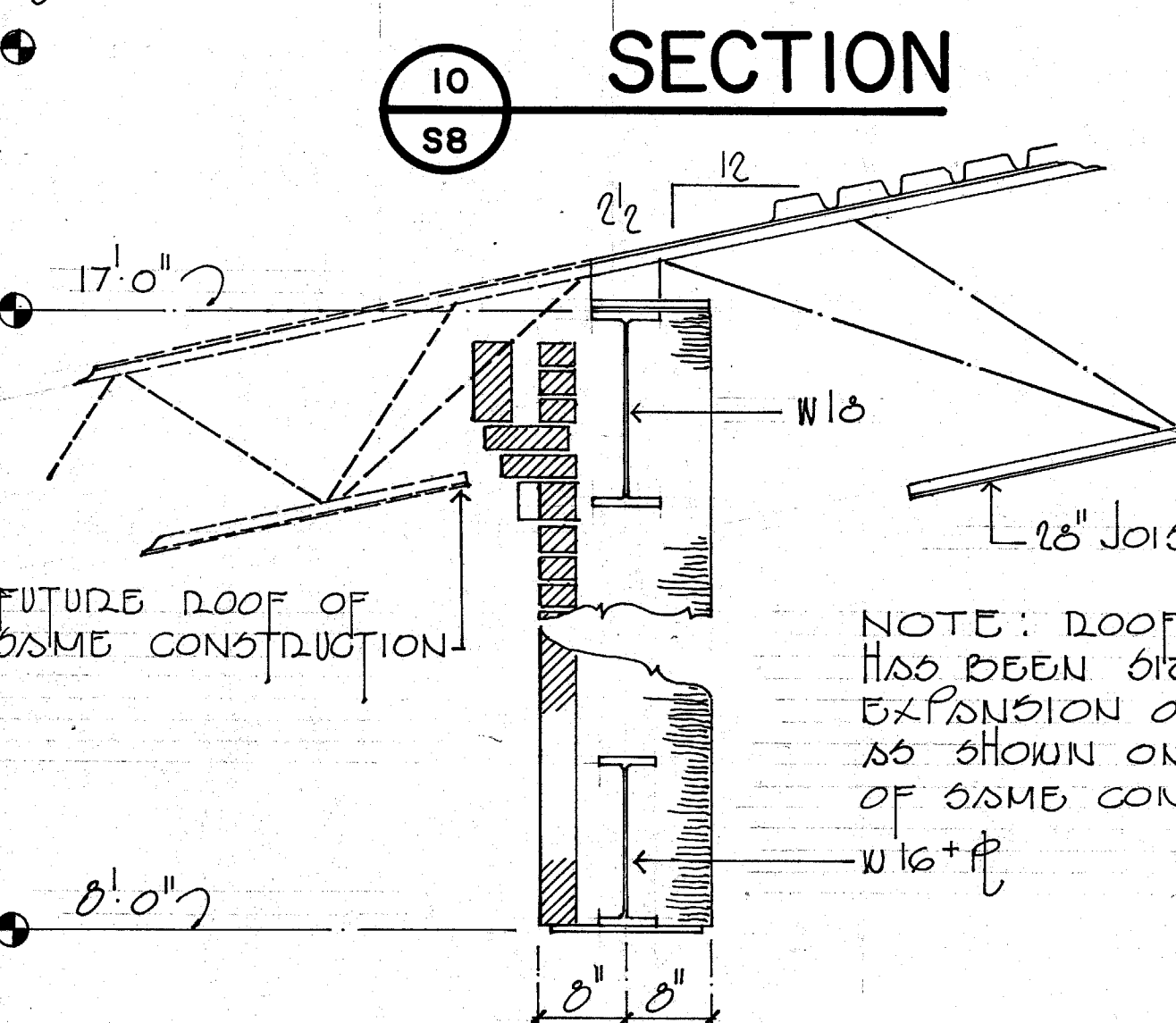
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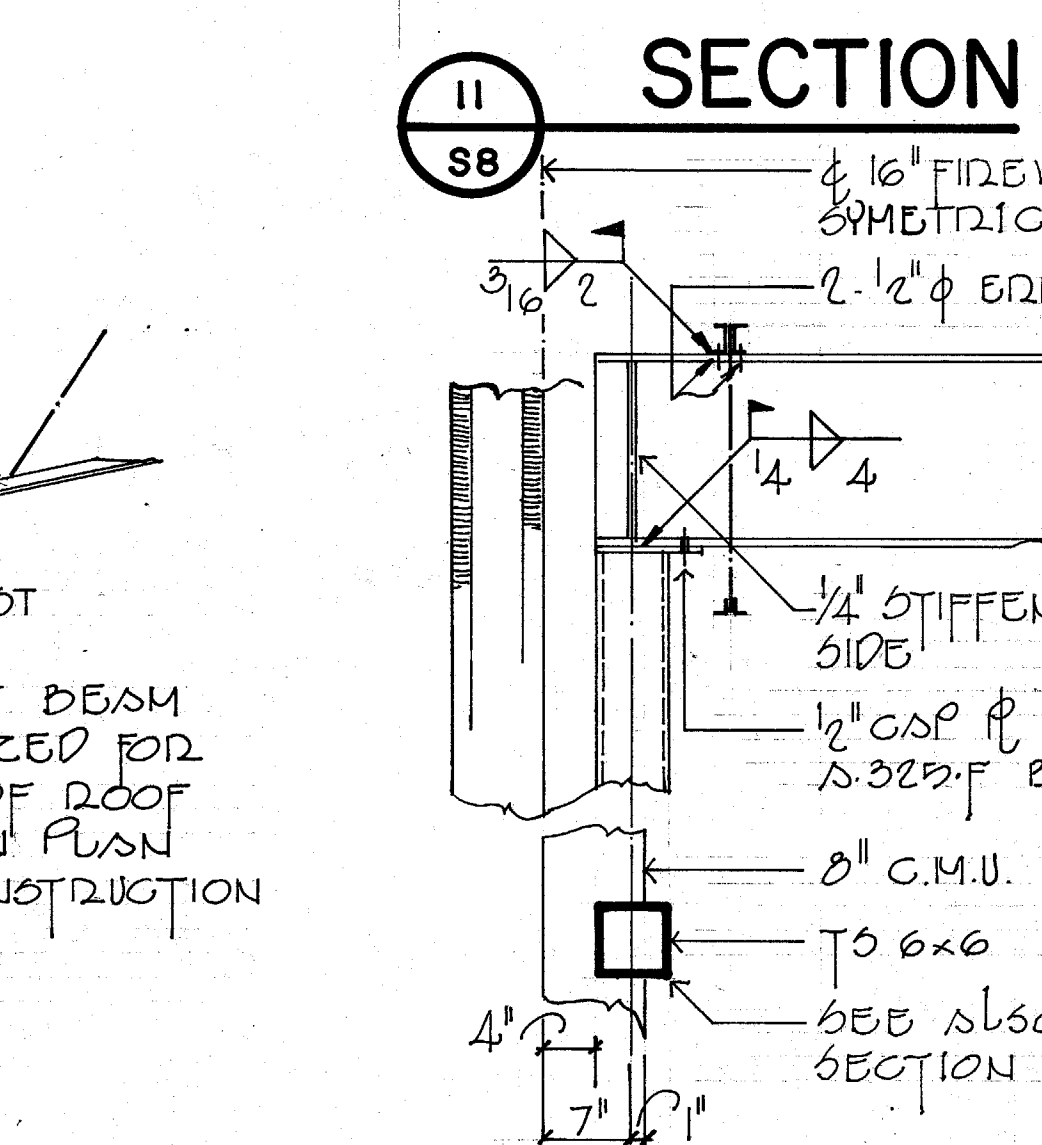
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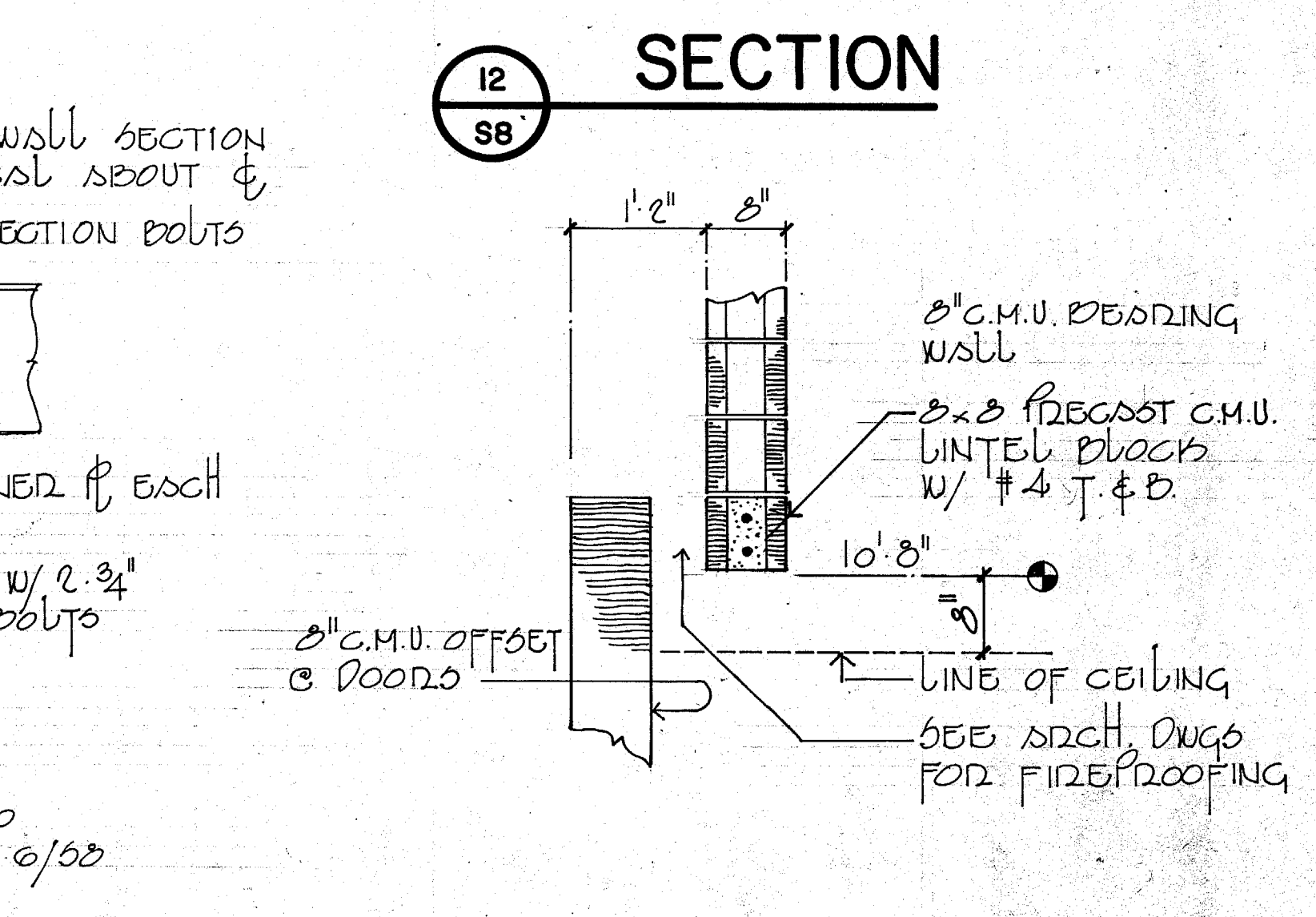
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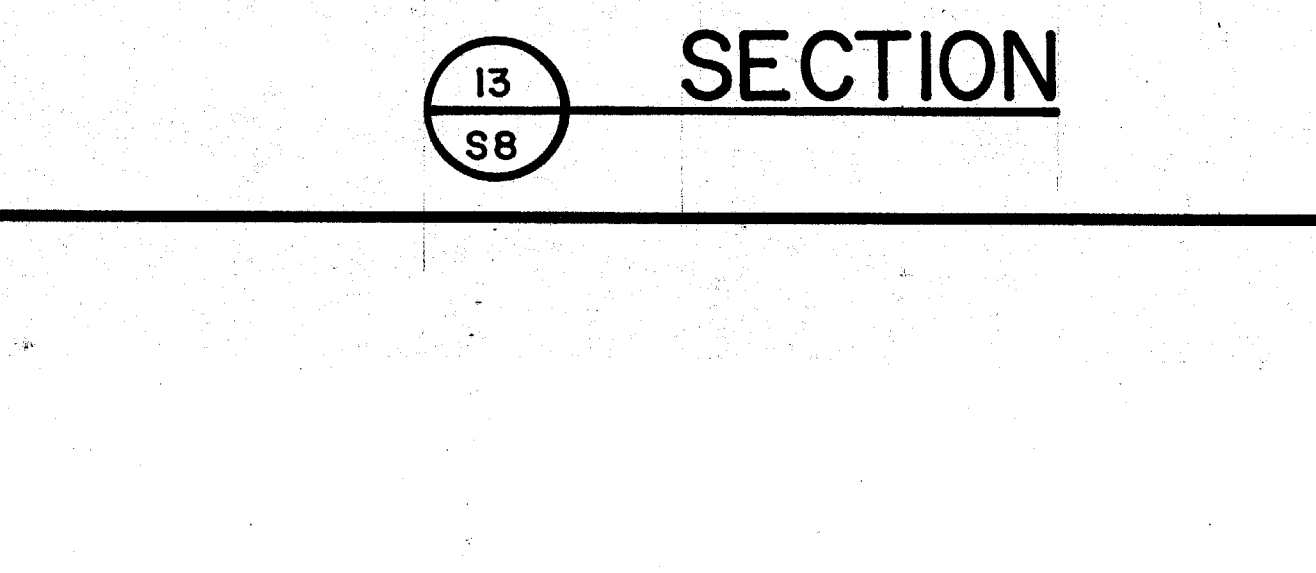
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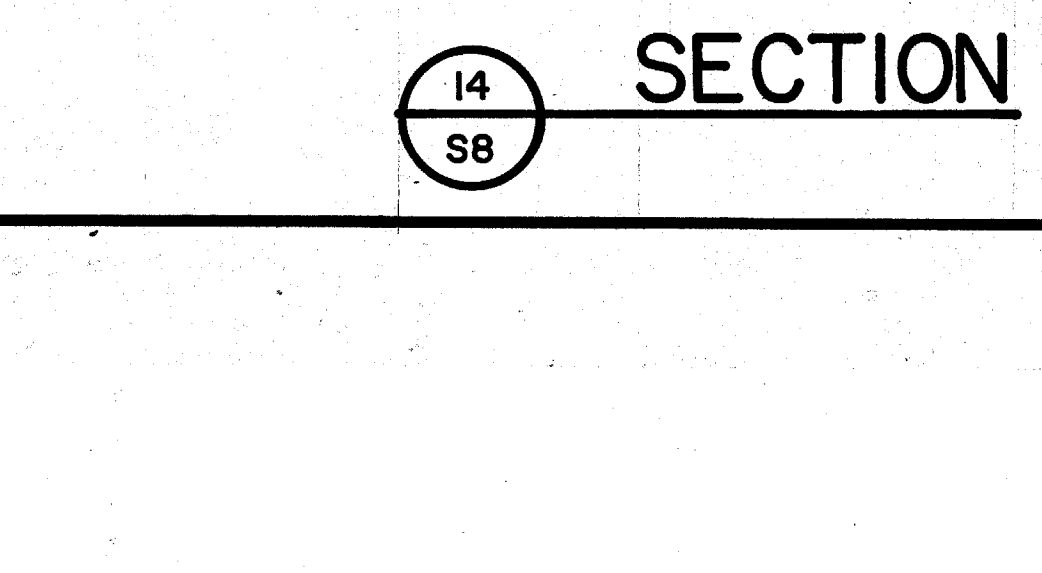
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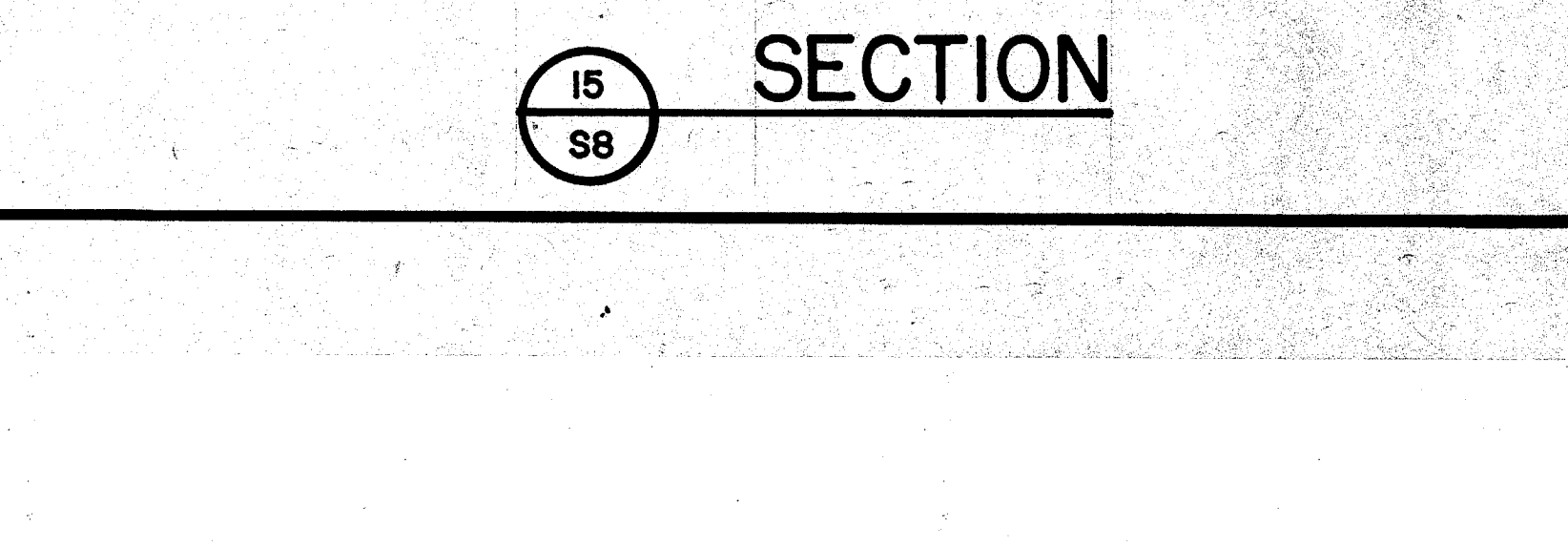
SECTION 12
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SECTION 13
S8



SECTION 14
S8



SECTION 15
S8