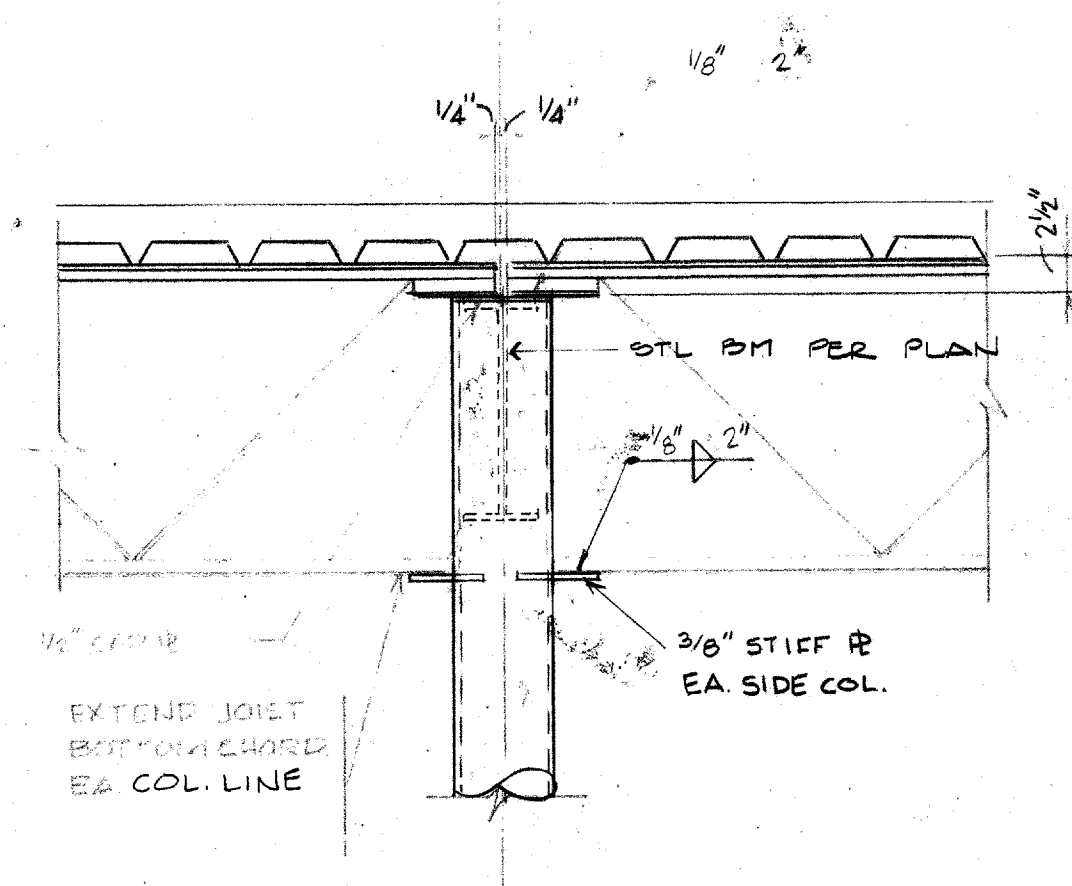
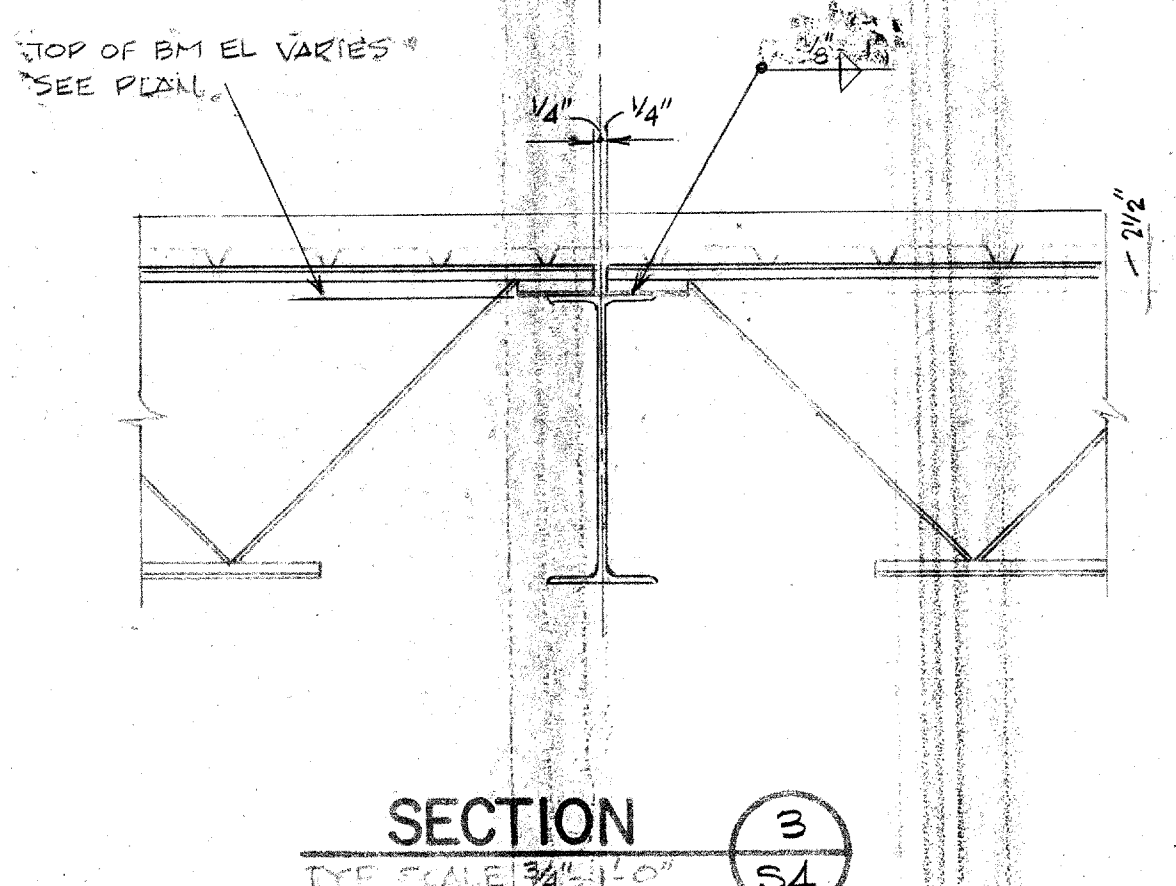


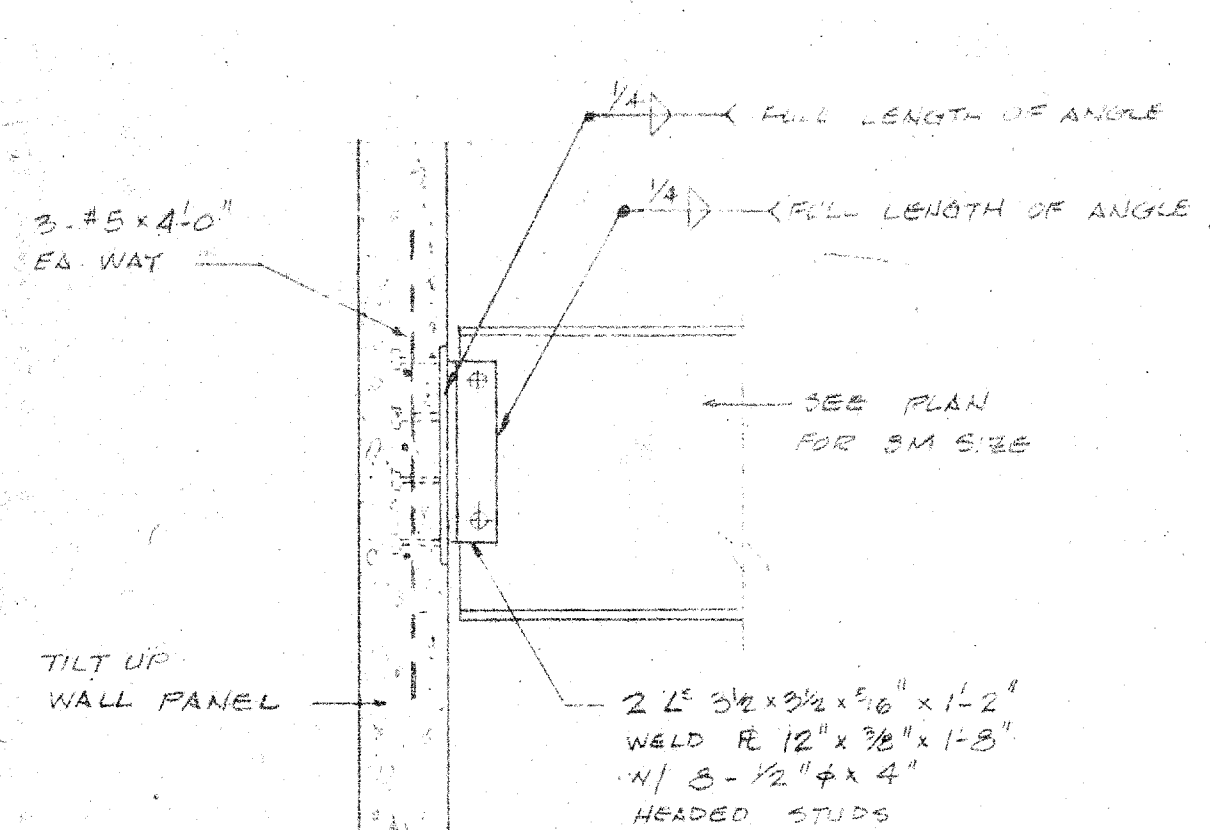
SECTION 1  
3/4" = 1'-0"



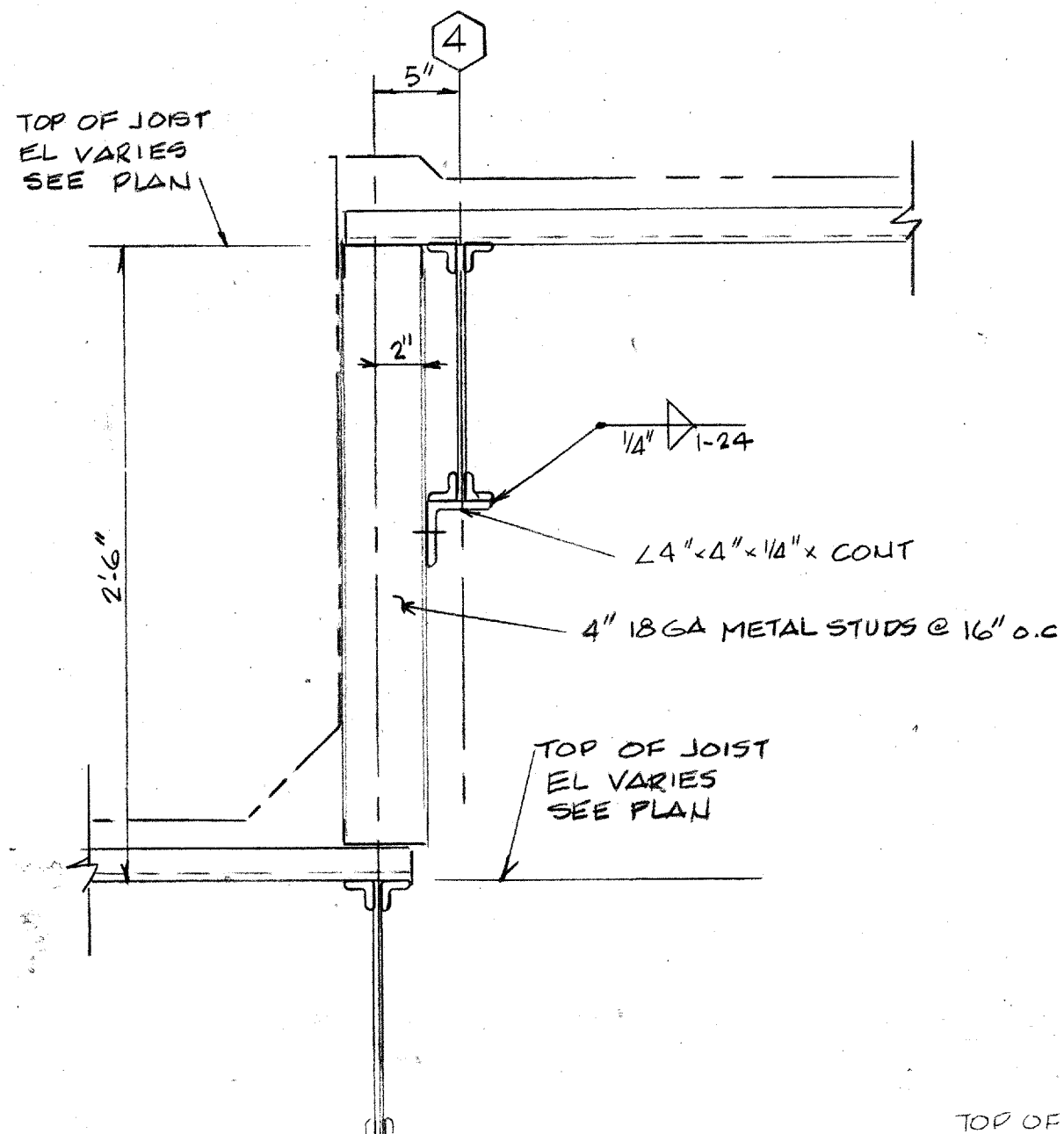
SECTION 2  
3/4" = 1'-0"



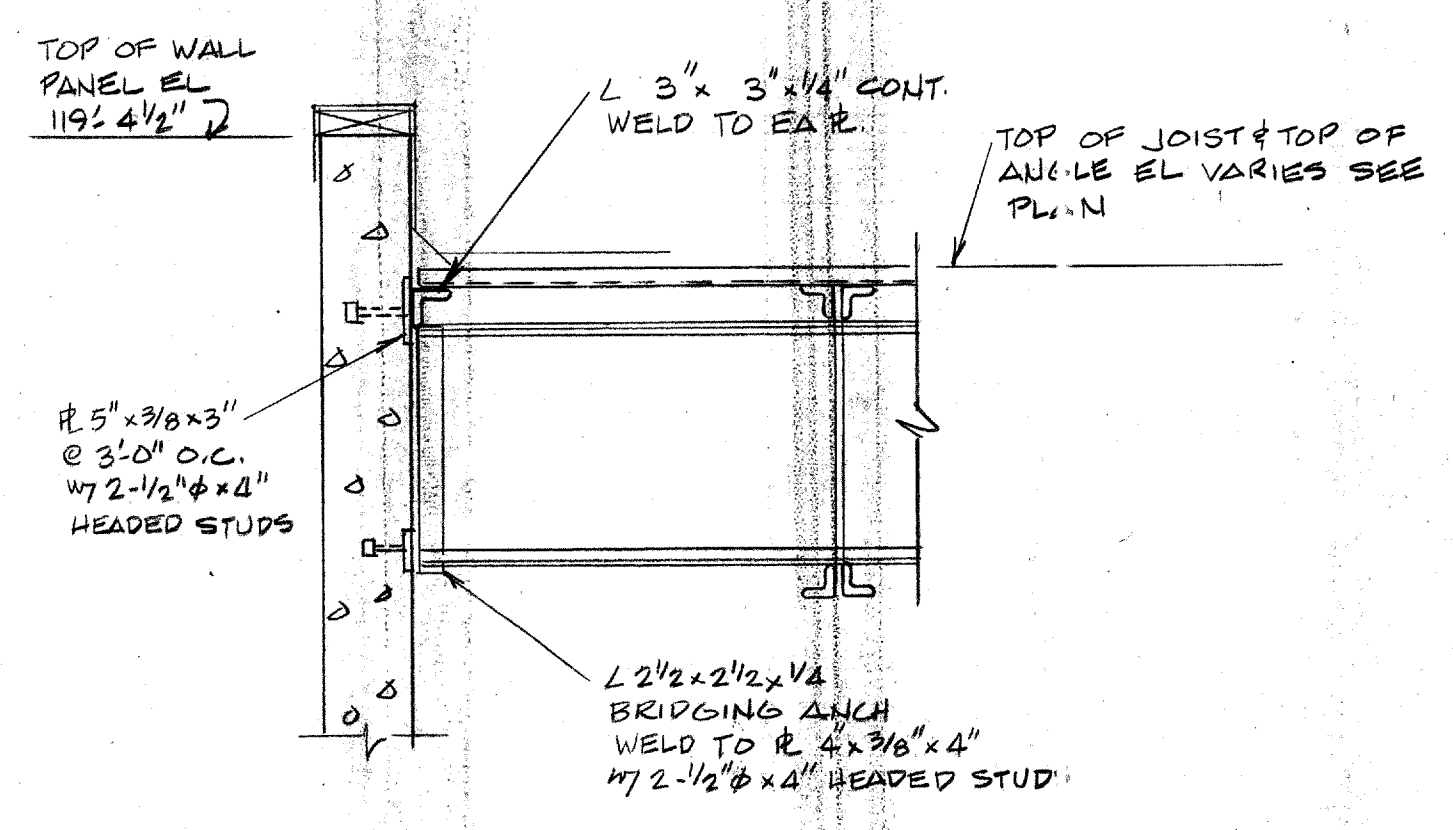
SECTION 3  
3/4" = 1'-0"



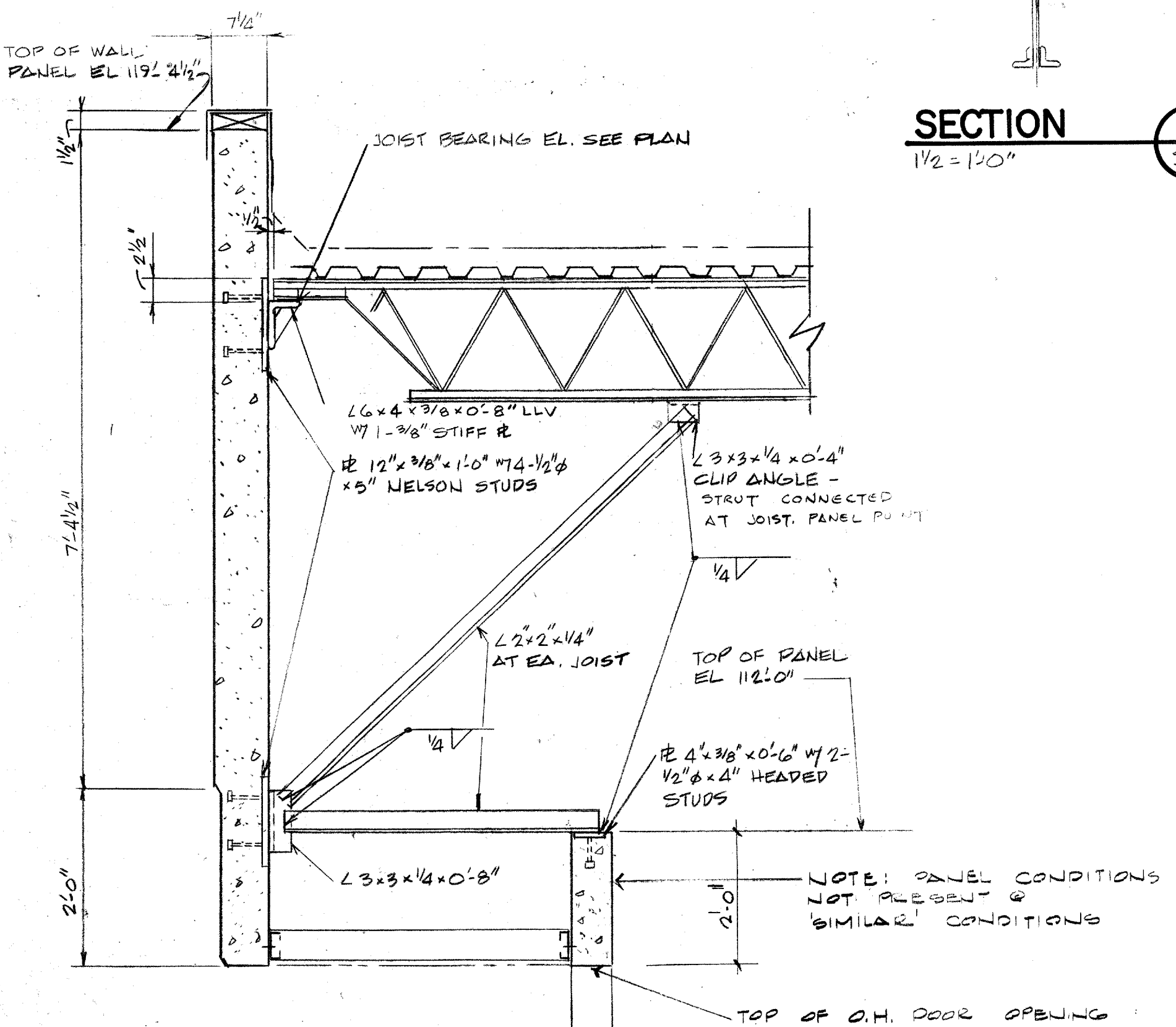
SECTION 4  
3/4" = 1'-0"



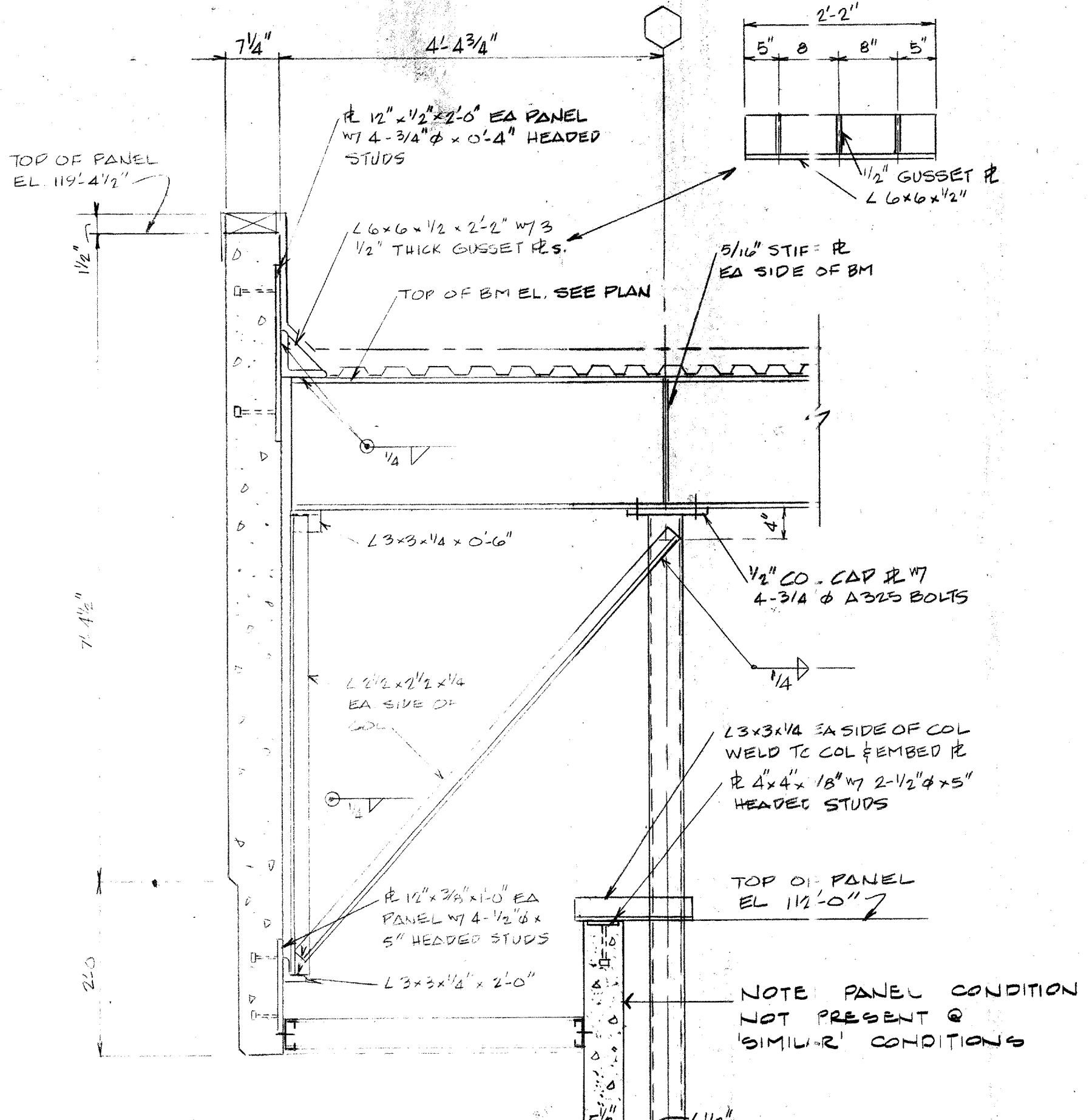
SECTION 5  
1/2" = 1'-0"



SECTION 6  
3/4" = 1'-0"



SECTION 7  
3/4" = 1'-0"



SECTION 8  
3/4" = 1'-0"

- MEZZANINE FLOOR:
- VERIFY ALL CONDITIONS AT JOBSITE AND REPORT ANY DISCREPANCIES TO THE ARCHITECT.
  - DESIGN LIVE LOADS:

ROOF	20 PSF
MEZZANINE FLOOR, STAIRS, WALKWAY	100 PSF
WIND	20 PSF

- FOUNDATIONS:
- DESIGN SOIL PRESSURES ARE 50,000 PSF IN END BEARING AND 6,000 PSF IN SKIN FRICTION FOR DRILLED PIERS BEARING IN THE BLUE LIMESTONE STRATUM.
  - SEE FOUNDATION INVESTIGATION FOR CITY OF ADDISON, TEXAS, DATED MARCH 24, 1980, AS PREPARED BY SOUTHWESTERN LABORATORIES.
  - FOOTING EXCAVATIONS SHALL BE DRY AND CLEAN WHEN FILLED WITH CONCRETE. ALL PIERS SHALL BE FILLED THE SAME DAY AS DRILLED.

- CAST-IN-PLACE CONCRETE:
- CAST-IN-PLACE CONCRETE SHALL BE REGULAR WEIGHT WITH A MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI AT 28 DAYS.
  - REINFORCED CONCRETE SHALL CONFORM TO 1977 ACI BUILDING CODE UNLESS OTHERWISE NOTED.
  - REINFORCING BARS SHALL BE ASTM A615 GRADE 60, EXCEPT NO. 3 BARS MAY BE GRADE 40.
  - PROVIDE CORNER BARS EQUAL IN SIZE, QUANTITY AND SPACING TO HORIZONTAL REINFORCEMENT IN ALL BEAMS WITH A 30" DIA. LAP. (1'-3" MIN).

- TILT-UP CONCRETE PANELS:
- CONCRETE SHALL BE REGULAR WEIGHT WITH A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS AND 2,500 PSI AT TIME OF LIFTING PANELS.
  - REINFORCING BARS SHALL BE ASTM A615 GRADE 60, EXCEPT NO. 3 BARS MAY BE GRADE 40.
  - PANEL EXTERIOR FINISHES AND AGGREGATE TYPES SHALL BE AS SPECIFIED.
  - SUBMIT SHOP DRAWINGS FOR ALL PANELS SHOWING METHOD OF PANEL ERECTION, DETAILS AND LOCATION OF LIFTING INSERTS, STRONGBACKS AND BRACING.
  - CRANES USED FOR LIFTING PANELS SHALL NOT BEAR ON FLOOR SLABS DURING LIFTING OPERATIONS.

- STRUCTURAL STEEL:
- STRUCTURAL STEEL SHALL BE ASTM A36.
  - STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH AISC SPECIFICATION UNLESS OTHERWISE NOTED.
  - ALL BOLTS SHALL BE ASTM A325 BEARING TYPE HIGH STRENGTH BOLTS, EXCEPT ANCHOR BOLTS. ANCHOR BOLTS SHALL BE ASTM A307.
  - STEEL BEAM CONNECTIONS SHALL BE BOLTED OR WELDED EQUAL TO ONE-HALF THE AISC BEAM TABLE VALUE FOR THE CORRESPONDING SPAN, UNLESS NOTED OTHERWISE ON THE DRAWINGS.

- STEEL JOISTS:
- STEEL JOISTS AND JOIST GIRDERS SHALL BE DESIGNED, DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH LATEST S.J.I. SPECIFICATIONS UNLESS OTHERWISE NOTED.
  - STEEL JOISTS AND JOIST GIRDERS SHALL BE WELDED TO SUPPORTING MEMBERS.
  - WELD OR BOLT BRIDGING TO JOISTS.
  - STEEL JOISTS AND JOIST GIRDERS SHALL BE DESIGNED AND DETAILED BY THE JOIST MANUFACTURER.
  - COMPLETE DESIGN CALCULATIONS, SHOP DRAWINGS, DETAILS AND SPECIFICATIONS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL BEFORE FABRICATION AND ERECTION OF THE JOISTS AND JOIST GIRDERS.

- ROOF DECK:
- ROOF DECK SHALL BE 1 1/2" THICK, TYPE 15-A22 NARROW RIB ROOF DECK MANUFACTURED BY VULCRAFT, DIVISION OF HUCOR CORPORATION.
  - ROOF DECK SHALL BE WELDED TO ALL SUPPORTING MEMBERS. WELD SPACING SHALL NOT EXCEED 6 INCHES AT END LAPS AND 12 INCHES AT ALL INTERMEDIATE SUPPORTS. SIDE LAPS SHALL BE WELDED AT 36" SPACING.

JERRY D. KASSAW  
Consulting Engineers  
1417 S SE Loop 323  
Tyler, Texas 75701  
214/595-2151

City of Addison  
PUBLIC WORKS SERVICE CENTER  
Dooley Road  
Addison Texas

EDITION  
CAPE-COOKING ELEMENT

DATE: 6/12/66  
REVISIONS

SCALE: S4