

1. The structure under this contract has been designed and detailed for the loads and conditions stipulated in the contract and shown on these drawings. Any alterations to the structural system or removal of any component parts, or the addition of other construction materials or loads must be done under the advice and direction of a registered architect, civil or structural engineer. Soulé Buildings will assume no responsibility for any loads not indicated.

2. All structural steel and cold-formed light gage members are designed in accordance with the applicable provisions of the following codes and specifications:

"Specification for the Design, Fabrication and  
Erection of Structural Steel for Buildings"

"Specification for the Design of Cold-Formed Steel Structural Members"

## AMERICAN WELDING SOCIETY

"Metal Building Systems Manual"

3. Material properties of steel plate and sheet used in the fabrication of primary rigid frames and all primary structural framing members (other than cold-formed sections) conform to ASTM A-572 Grade 50, with a minimum yield point of 50,000 PSI. (unless noted)
4. Material properties of cold-formed light gage steel members conform to the requirements of ASTM A-570, Grade 50, with a minimum yield point of 50,000 PSI.
5. Steel Sheet for roof and wall panels shall conform to the requirements of ASTM A-446 Grade B, with a minimum yield of 37,000 PSI.
6. Hot-rolled structural steel shapes shall conform to ASTM A-36, with a minimum yield point of 36,000 PSI.
7. High strength bolts and their installation shall conform to ASTM Specification A-325 and are bearing type connections with threads excluded from the shear planes. (A-325X)

- A. 1/2"  $\phi$  H.S.B. have a minimum tension of 12,000 pounds, and applied torque shall be 105 foot -pounds. (unless noted)
- B. 3/4"  $\phi$  H.S.B. have a minimum tension of 28,000 pounds, and applied torque shall be 355 foot -pounds.
- C. 7/8"  $\phi$  H.S.B. have a minimum tension of 39,000 pounds, and applied torque shall be 570 foot -pounds.

8. Machine bolts and their installation shall conform to ASTM specification A-307.
9. All steel members except bolts and fasteners shall receive one shop coat of iron oxide corrosion inhibitive primer meeting the qualitative requirements of Federal Specification TT-P-636C.
10. All welding shall conform to the latest specification of the code of arc and gas welding in building construction of the American Welding Society.
11. Soulé Steel Company has Los Angeles City Fabricator's License number nine (9).
12. Field inspections and associated fees are the responsibility of the building owner, unless stipulated otherwise.

This building is designed in accordance with the 1979 edition of the IBC Code(s), and will sustain within accepted stress limitations, the following minimum loading combinations:

1. Dead load and live load
2. Dead load and wind or seismic

|           |                                                             |
|-----------|-------------------------------------------------------------|
| <u>20</u> | PSF live load on roof sheets and purlins                    |
| <u>16</u> | PSF live load on frames                                     |
| <u>15</u> | PSF wind load (Exposure _____ MPH <u>67.1</u> )             |
| <u>2</u>  | PSF dead load on roof sheets, purlins, and frames           |
| <u>4</u>  | PSF collateral dead load on purlins and frames              |
| <u>2</u>  | PSF Total Design Dead Load (excluding rigid frame dead load |

Manufacturer \_\_\_\_\_ Type \_\_\_\_\_  
Capacity \_\_\_\_\_ Span \_\_\_\_\_  
Wheel Load \_\_\_\_\_ Wheel Base \_\_\_\_\_  
(Exclusive of Impact)

Special Considerations: THE ROOF CARRIES A U.L. 90 UPLIFT RATING

Note: It is the responsibility of the customer to ascertain that the above loads are adequate for the local building code requirements. Soulé Buildings will not assume any responsibility for any loads not mentioned herein.

The diagram includes a compass rose with two vertical lines. The left line is labeled 'MAGNETIC NORTH' and the right line is labeled 'TRUE NORTH'. Below the compass rose is a small rectangular object labeled 'D'. To the left of 'D' are four small circles labeled 'D1', 'D2', 'D3', and 'D4'.

Technical drawings of various structural components, including girts, endwall bases, and clips, with dimensions and material specifications.

**GIRT (Top Left):** Dimensions: 7" (flange), 3 3/8" (web). Material: 13 GA-7Z13, 14 GA-7Z14, 16 GA-7Z16.

**GIRT (Top Middle):** Dimensions: 7" (flange), 3 3/8" (web). Material: 13 GA-7C13, 14 GA-7C14, 16 GA-7C16.

**GIRT (Top Right):** Dimensions: 7" (flange), 2" (flange), 4" (flange), 12" (flange), 1 1/2" (web), 3 3/8" (web). Material: 12 GA-85G12, 14 GA-85G14.

**ENDWALL BASE CLIP-MCB-001:** Dimensions: 6" (flange), 2" (flange), 2" (flange), 1" (flange), 5" (web). Material: BENT  $\frac{1}{4}$  x 0" x 10 1/2".

**GIRT (Bottom Left):** Dimensions: 10" (flange), 3 3/8" (web). Material: 12 GA-10Z12, 13 GA-10Z13, 14 GA-10Z14.

**GIRT (Bottom Middle):** Dimensions: 10" (flange), 3 3/8" (web). Material: 12 GA-10C12, 13 GA-10C13, 14 GA-10C14.

**CLIP (Bottom Right):** Dimensions: 5" (flange), 2" (web). Material: 16 GAUGE.

**GIRT CLIP ~ MCB-002:** Dimensions: 6" (flange), 2" (flange), 2" (flange), 1" (flange), 5" (web). Material: BENT  $\frac{1}{2}$  x .15 x 0" x 10 1/2".

**GIRT (Bottom Left):** Dimensions: 1'-1" (flange), 3 3/8" (web). Material: 12 GA-13Z12, 13 GA-13Z13.

**GIRT (Bottom Middle):** Dimensions: 1'-1" (flange), 3 3/8" (web). Material: 12 GA-13C12, 13 GA-13C13.

**CLIP (Bottom Right):** Dimensions: 3" (flange), 1/4" (web). Material: 16 GAUGE.

WELD PLACEMENT SCHEMATIC (SEE WELDING NOTES)

WELD PLACEMENT SCHEMATIC (SEE WELDING NOTES)

|                                                                                          |                                                                                                                         |
|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| A. All welds are continuous machine submerged arc welds. (S.A.W.)                        | D. Flange butt welds are both sides w/copper back-up. Flanges 3/4" or thicker are beveled or flame gouged on back side. |
| B. Web-to-flange welds are one side only, fillet weld, 60% penetration w/copper back-up. | E. Additional welds are as shown on drawings. (as required)                                                             |
| C. Web butt welds are one side w/flux back-up. (3/8" plate max.)                         |                                                                                                                         |

| PAGE       | BUILDING DRAWING DESCRIPTIONS         |
|------------|---------------------------------------|
| <u>ONE</u> | COVER SHEET                           |
| <u>2</u>   | ANCHOR BOLT PLACEMENT PLAN            |
| <u>3</u>   | ROOF FRAMING, DETAILS AND PANELING    |
| <u>4</u>   | RIGID FRAME CROSS SECTION AND DETAILS |
| <u>5</u>   | SIDEWALL FRAMING, DETAILS             |
| <u>6</u>   | ENDWALL FRAMING, DETAILS              |

FOR GUTTER & DOWNSPOUT  
INSTALLATION PLEASE REF.  
TO DWG. # 11B OF BLDG. B  
(NOT SHOWN)

- 7D ROOF PANELING INSTALLATION DETAILS  
 \_\_\_\_\_ PLASTIC PANELING INSTALLATION DETAILS  
 \_\_\_\_\_ WALL PANELING INSTALLATION DETAILS  
 \_\_\_\_\_ GABLE & EAVE TRIM DETAILS  
 \_\_\_\_\_ BLANKET INSULATION DETAILS  
8D SW & EN. WINDOW SHT. ELEV'S & DET'LS

\_\_\_\_ PERSONNEL DOORS  
\_\_\_\_ ALUMINUM WINDOWS  
\_\_\_\_ ALUMINUM WINDOW MULLION DETAILS  
\_\_\_\_ ROOF VENTS  
\_\_\_\_ WALL LOUVERS  
\_\_\_\_ FRAMED OPENINGS  
\_\_\_\_ FRAMED OPENINGS  
\_\_\_\_ SLIDE DOORS  
\_\_\_\_ GUTTERS AND DOWNSPOUTS

| <u>Part Mark</u>           | <u>Description</u> |
|----------------------------|--------------------|
| XBF-001 - - 1/2"Ø x 1"     | Fin Neck Bolt      |
| XBM-002 - - 1/2"Ø x 1"     | Machine Bolt       |
| XBM-003 - - 1/2"Ø x 1 1/2" | Machine Bolt       |
| XBM-005 - - 3/4"Ø x 1 1/2" | Machine Bolt       |
| XBM-006 - - 3/4"Ø x 1 3/4" | Machine Bolt       |
| XBM-007 - - 3/4"Ø x 2"     | Machine Bolt       |

XWC-004 - - - 1/2"Ø Flat Washer  
XWC-006 - - - 3/4"Ø Flat Washer

XNM-004 - - - 1/2"Ø Hex Nut Amer. Std.  
XNM-006 - - - 3/4"Ø Hex Nut Amer. Std.

| <u>Part No.</u> | <u>Description</u>          |
|-----------------|-----------------------------|
| XBH-002         | -- 1/2"Ø x 1 1/4" H.S. Bolt |
| XBH-010         | -- 3/4"Ø x 1 1/2" H.S. Bolt |
| XBH-004         | -- 3/4"Ø x 1 3/4" H.S. Bolt |
| XBH-005         | -- 3/4"Ø x 2" H.S. Bolt     |
| XBH-006         | -- 3/4"Ø x 2 1/4" H.S. Bolt |
| XBH-007         | -- 7/8"Ø x 2" H.S. Bolt     |
| XBH-008         | -- 7/8"Ø x 2 1/4" H.S. Bolt |
| XBH-009         | -- 7/8"Ø x 2 1/2" H.S. Bolt |

XWH-004 - - - 1/2"Ø Hardened Washer  
XWH-006 - - - 3/4"Ø Hardened Washer  
XWH-007 - - - 7/8"Ø Hardened Washer

XNH-004 - - - 1/2"Ø H.S. Nut  
XNH-006 - - - 3/4"Ø H.S. Nut  
XNH-007 - - - 7/8"Ø H.S. Nut

☐ NO EXCEPTION TAKEN ☒ MAKE CORRECTIONS  
☐ REJECTED ☐ NOTED ☐ REVISE AND RESUBMIT  
☐ SUBMIT SPECIFIED ITEM

Checklist is to be used for general conforming with the design  
and drawings and general conformance with the in-  
formation given in the contract documents. Any action based  
on the requirements for dimensions and specifications  
is subject to the requirements for the job site location  
and conditions. Contractors are responsible for coordination of  
processes and techniques of construction; coordination of  
work with that of other trades; and the satisfactory per-  
formance of his work.

ROSS LEVIN MACINTYRE  
ARCHITECTS

BEFORE THIS ORDER CAN BE ENTERED FOR SHOP  
DETAILING AND FABRICATION, ONE SIGNED SET  
OF APPROVED DRAWINGS MUST BE RETURNED TO  
SOLIS BUILDINGS.

☐ DRAWINGS APPROVED (NO CHANGES). PROCEED  
WITH SHOP FABRICATION.

☐ DRAWINGS APPROVED (WITH CHANGES). PROCEED  
WITH SHOP FABRICATION.

☐ DRAWINGS NOT APPROVED. REVISE DRAWINGS  
AND RE-SUBMIT (DO NOT PROCEED WITH SHOP  
DETAILING AND FABRICATION).

AUTHORIZATION BY \_\_\_\_\_ DATE \_\_\_\_\_

COMPANY NAME \_\_\_\_\_

ANY CHANGES AFTER ORDER HAS BEEN RELEASED  
FOR SHOP DETAILING AND FABRICATION MAY INCUR  
ADDITIONAL EXPENSES TO YOU.

**RETURN TO**

SOULÉ BUILDINGS  
SALES SERVICE DEPARTMENT  
P.O. BOX 6222  
2160 E. DOMINGUEZ ST.  
CARSON, CA. 90749

**IF YOU HAVE ANY QUESTIONS  
PERTAINING TO THESE DRAWINGS  
CALL TOLL FREE  
WITHIN CALIF. 800/262-4222  
OUTSIDE CALIF. 900/421-2700**

# ***SOULÉ BUILDINGS***

A DIVISION OF SOULÉ STEEL COMPANY

|               |             |
|---------------|-------------|
| DRAWING TITLE | COVER SHEET |
|---------------|-------------|

JOB NAME CORPORATION YARD  
JOB LOCATION SAN LUIS OBISPO, CA

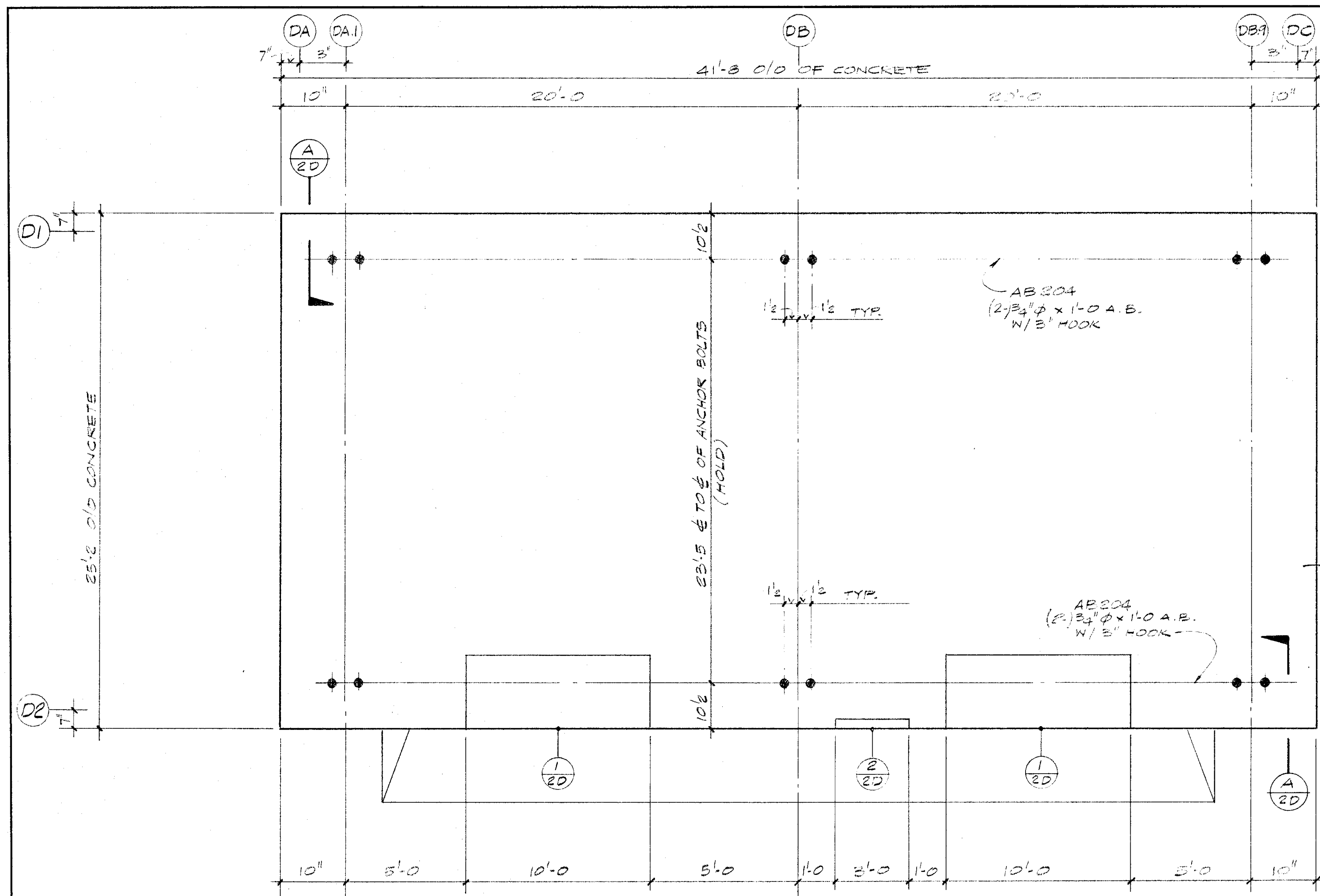
|         |
|---------|
| JOB NO. |
|---------|

10-3-317 L

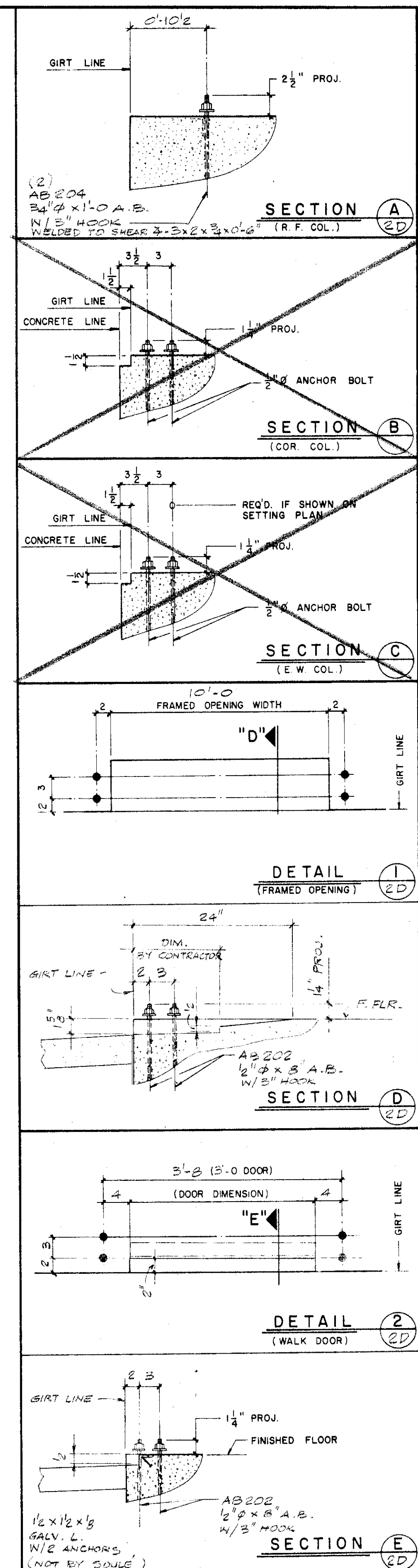
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ONE D





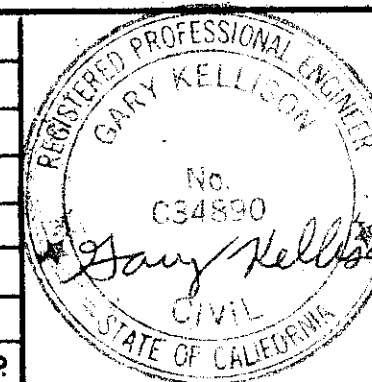
ANCHOR BOLT SETTING PLAN



- FOUNDATION NOTES:**
- SOULÉ BUILDINGS ASSUMES NO RESPONSIBILITY OR LIABILITY FOR FOUNDATION, FLOOR SLAB DESIGN, OR CONSTRUCTION.
  - THE FOUNDATION DESIGN SHOULD BE DONE WITH DUE REGARD TO THE SPECIFIC SOIL CONDITIONS PRESENT AT THE ACTUAL JOB SITE.
  - FOUNDATIONS SHALL BE DESIGNED FOR THE REACTIONS GIVEN FOR THE VARIOUS LOAD COMBINATIONS SHOWN ON THE SPECIFIC ANCHOR BOLT LAYOUT. REACTIONS SHOWN ARE MAXIMUM FOR EACH LOAD COMBINATION.
  - CONCRETE CONTRACTOR SHALL PROVIDE A LEVEL SLAB AND FOUNDATION TO WITHIN 1/8 INCH TOLERANCE IN ANY DIRECTION. SUPPORTING POINTS FOR COLUMNS SHALL BE LEVEL AND TRUE, AND ANCHOR BOLTS SHALL BE SET TO WITHIN 1/8 INCH TOLERANCE OF DIMENSIONS SHOWN ON PLANS.

- SETTING AND LEVELING OF BASE PLATES AND CLEANING OF THREADS OF ANCHOR BOLTS OF CONCRETE OR OTHER DEBRIS SHALL BE THE RESPONSIBILITY OF THE CONCRETE CONTRACTOR.
- ANCHOR BOLTS ARE DESIGNED ON THE BASIS OF ALLOWABLE BOLT SHEAR AND/OR TENSION. POSITIVE ATTACHMENT TO THE REINFORCING SYSTEM IS REQUIRED. DESIGN OF THE REINFORCING AND ATTACHMENT SYSTEMS IS NOT BY SOULÉ BUILDINGS.
- ANCHOR BOLTS, LEVELING PLATES, REINFORCING, AND CONCRETE MATERIALS ARE NOT FURNISHED BY SOULÉ BUILDING SYSTEMS. IF LEVELING PLATES ARE USED, THE TOP OF THE PLATES SHOULD BE THE SAME ELEVATION AS BOTTOM OF BASE PLATE ELEVATION.

| REV. | DATE | REVISION DESCRIPTION | DRN. | CHK. | APP. |
|------|------|----------------------|------|------|------|
| 1    |      |                      |      |      |      |
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| 10   |      |                      |      |      |      |



DATE  
9/30/83  
DRAWN BY  
MR.  
CHECKED BY  
W3  
APPROVED

**SOULÉ BUILDINGS**  
A DIVISION OF SOULÉ STEEL COMPANY

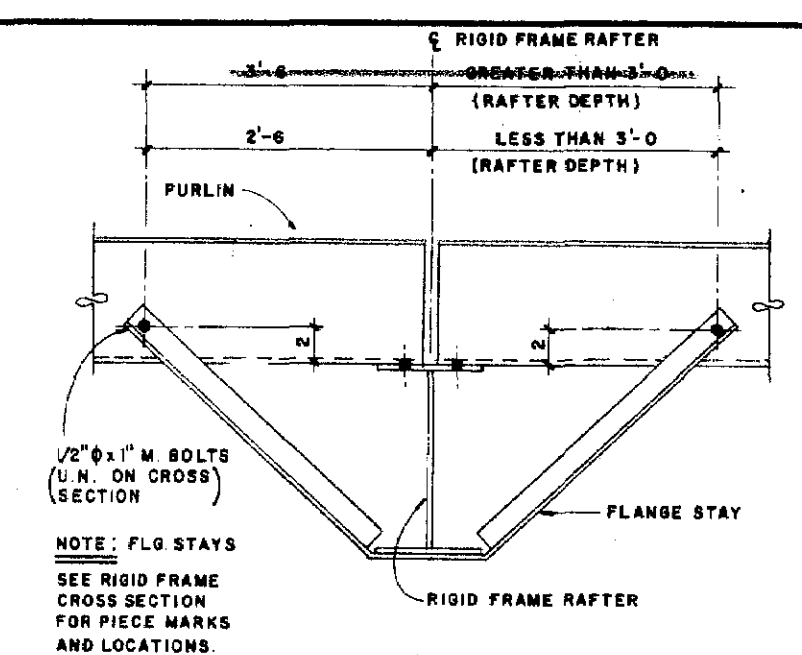
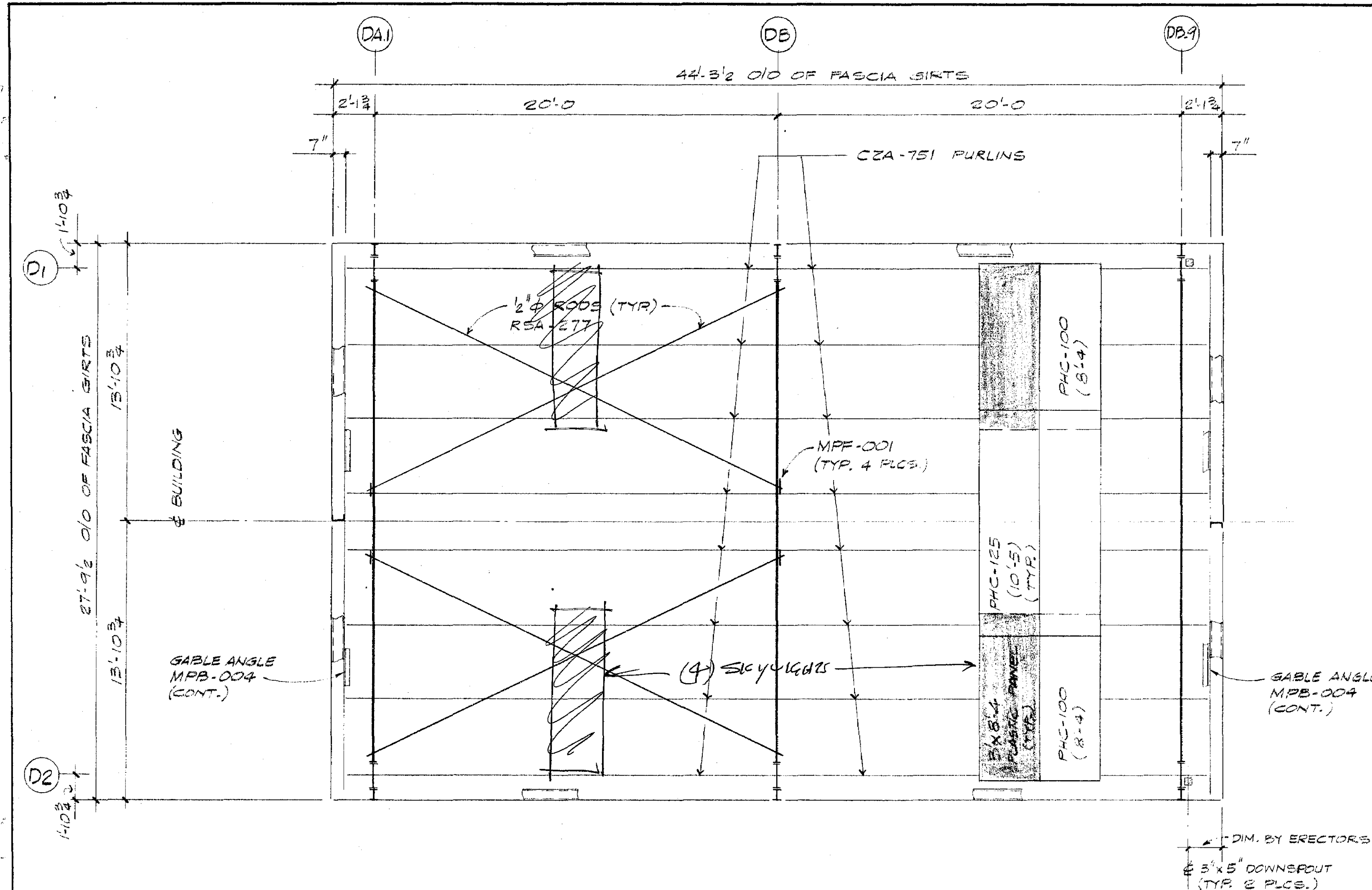
JOB NAME:  
CORPORATION YARD  
FLAMMABLE STORAGE BUILDING "D"

JOB NO.  
10-3-317 D

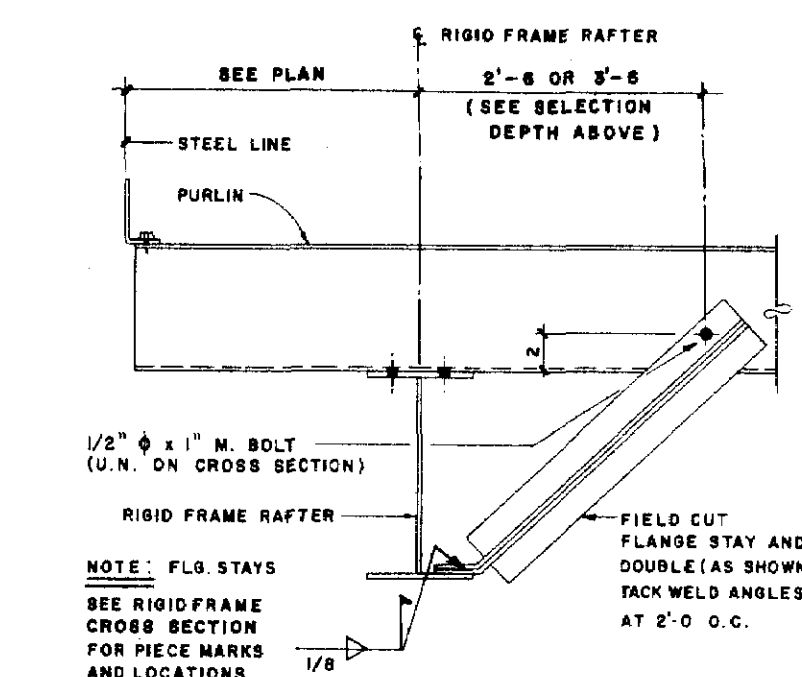
PAGE  
20

REV.

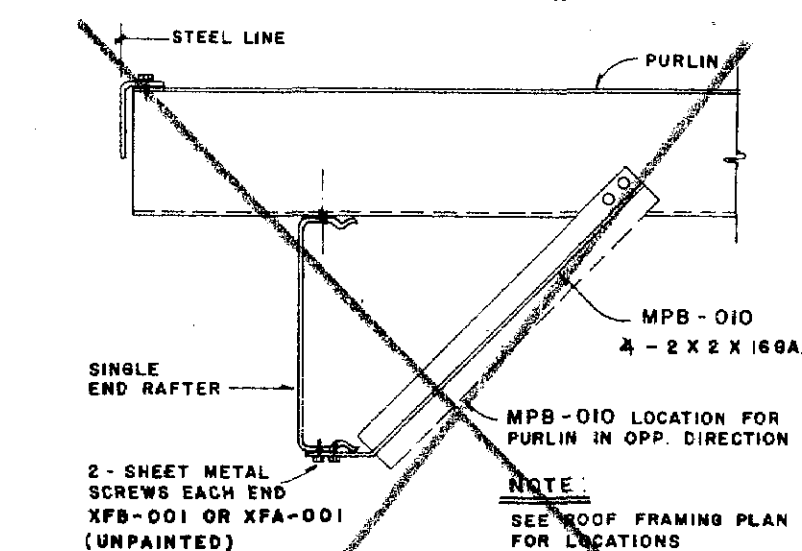




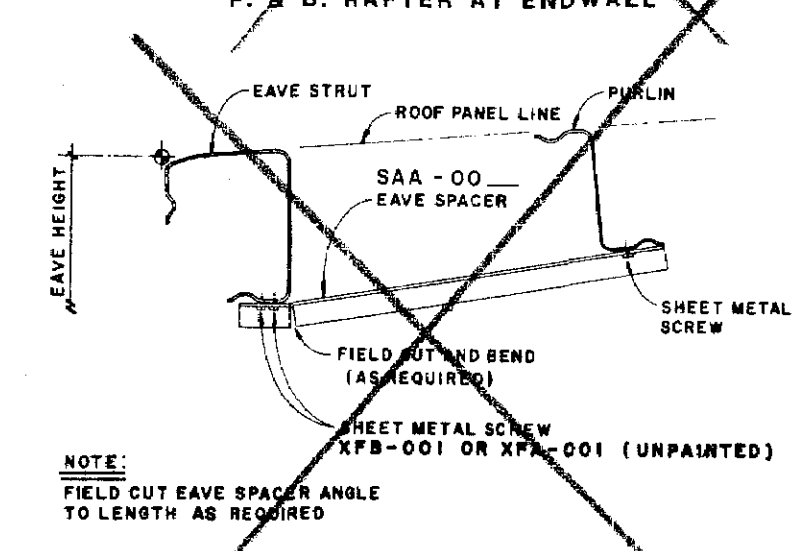
**FLANGE STAY SECTION**  
**INTERIOR BAY**



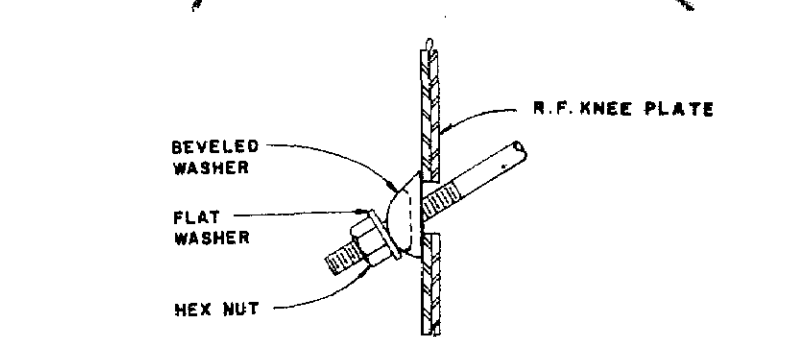
**FLANGE STAY SECTION**  
**R.F. RAFTER AT ENDWALL**



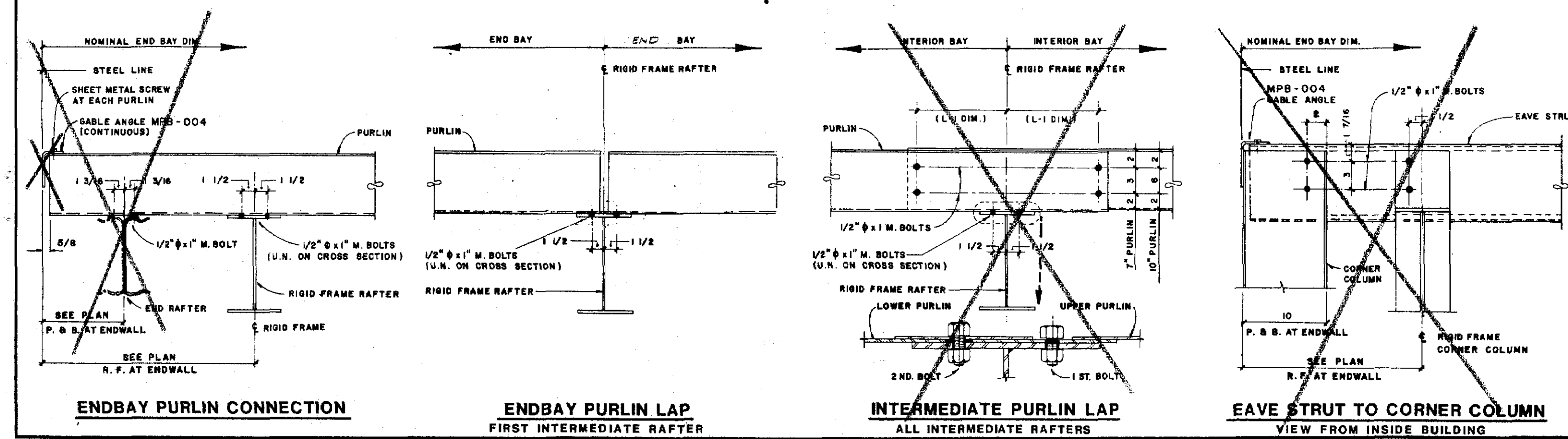
**FLANGE STAY SECTION**  
R & R RAFTER AT ENDWALL



### EAVE SPACER SECTION



### ROD BRACING AT R.F. KNEE



**GENERAL NOTES :**

1. FOR S.W. & E.W. FASCIA FRAMING ELEVATIONS AND INSTALLATIONS  
SEE DWG. # 5D & 6D

## MEMBER SCHEDULE

**MEMBER SCHEDULE**

EAVE STRUT 6 GA. (U.N.)

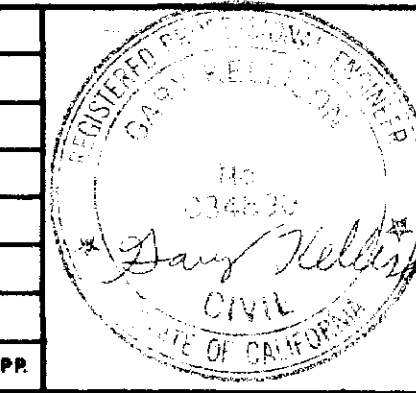
END BAY PURLINS 7 Z 14 GA. (U.N.)

INTERIOR BAY PURLINS 2 GA. (U.N.)

GABLE ANGLE 4-5 X 2 X 16GA

EAVE SPACER 1-1/4 X 1/4 X 1/8

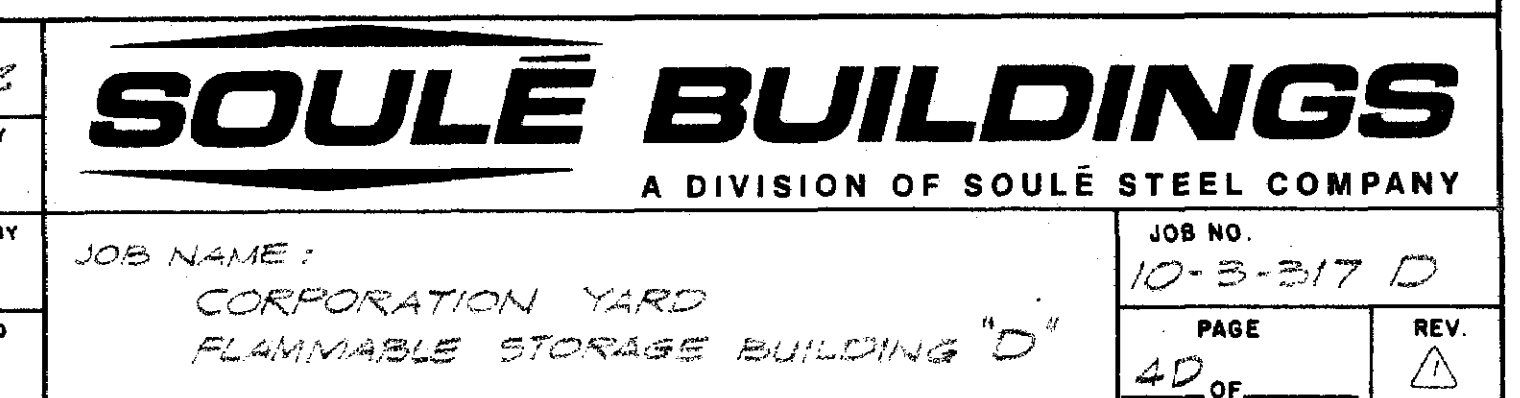
| ROD DIAM.     | BEVEL WSHR. | CUT WASHER | HEX NUT |
|---------------|-------------|------------|---------|
| 1/2" $\Phi$   | XWR-004     | XWC-004    | XNM-004 |
| 5/8" $\Phi$   | XWR-005     | XWC-005    | XNM-005 |
| 3/4" $\Phi$   | XWR-006     | XWC-006    | XNM-006 |
| 7/8" $\Phi$   | XWR-007     | XWC-007    | XNM-007 |
| 1-1/8" $\Phi$ | XWR-008     | XWC-008    | XNM-008 |
|               |             |            |         |

[illegible]

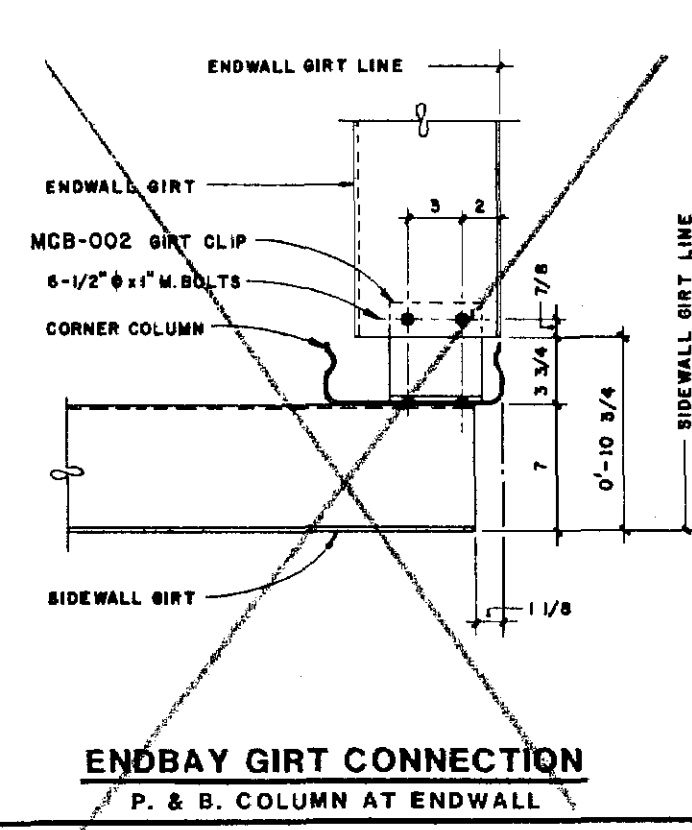
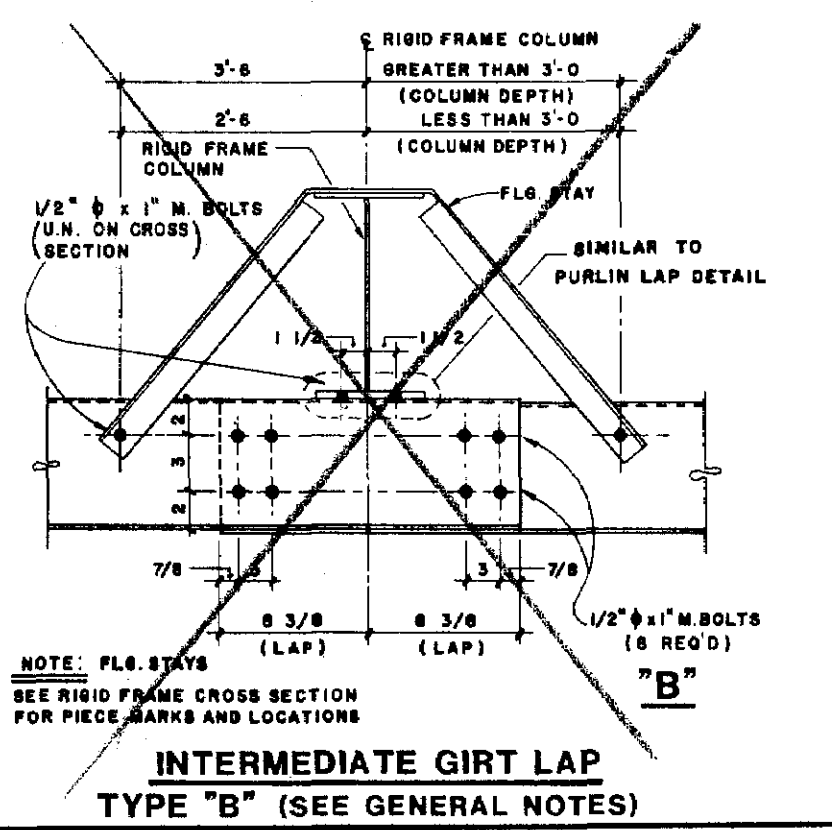
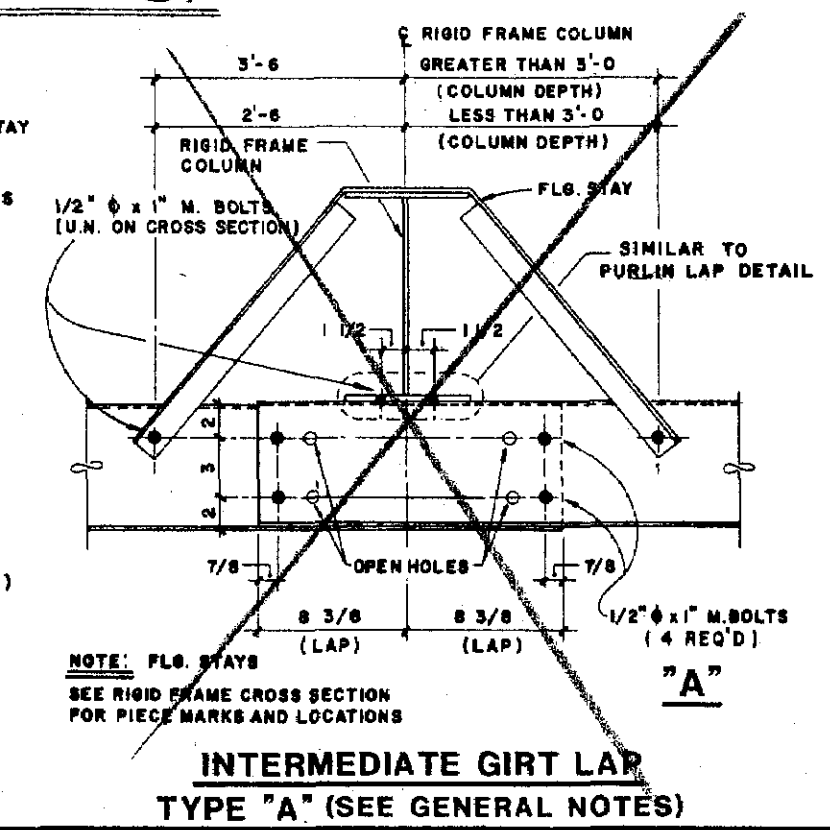
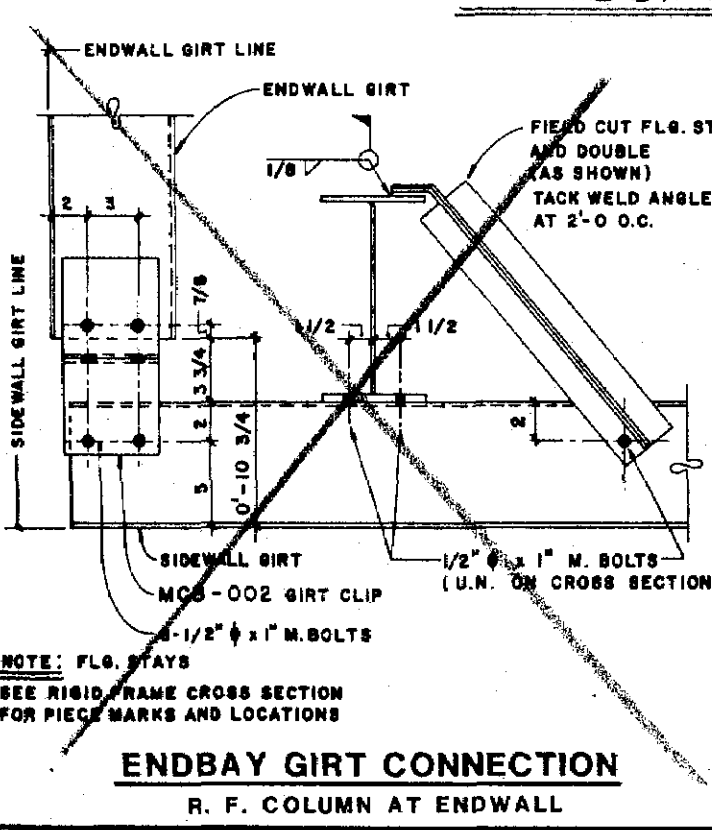
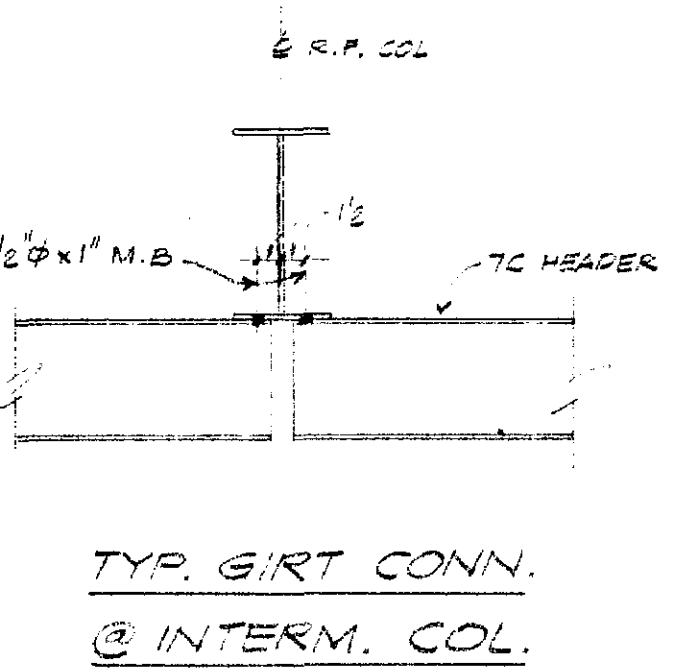
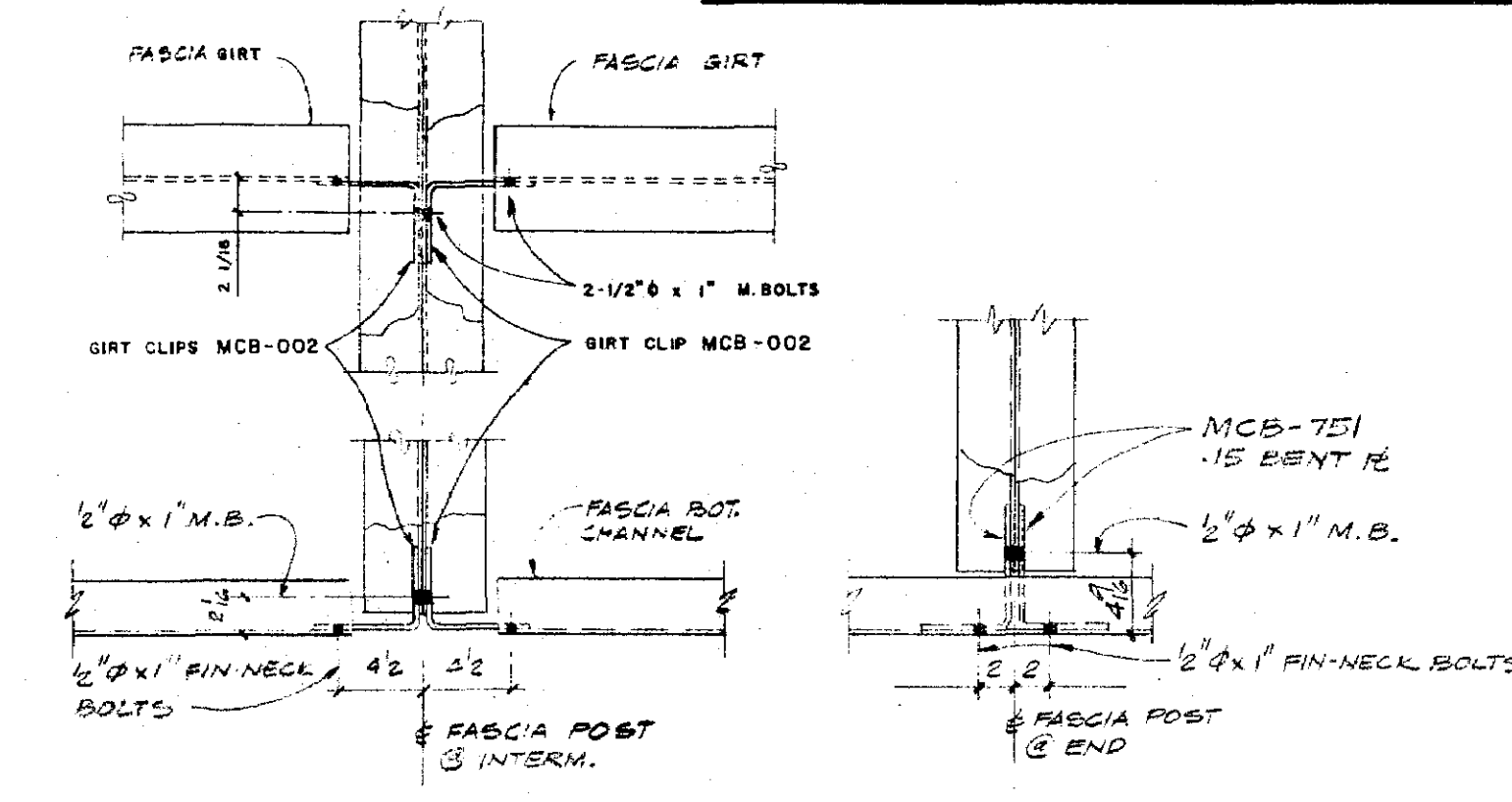
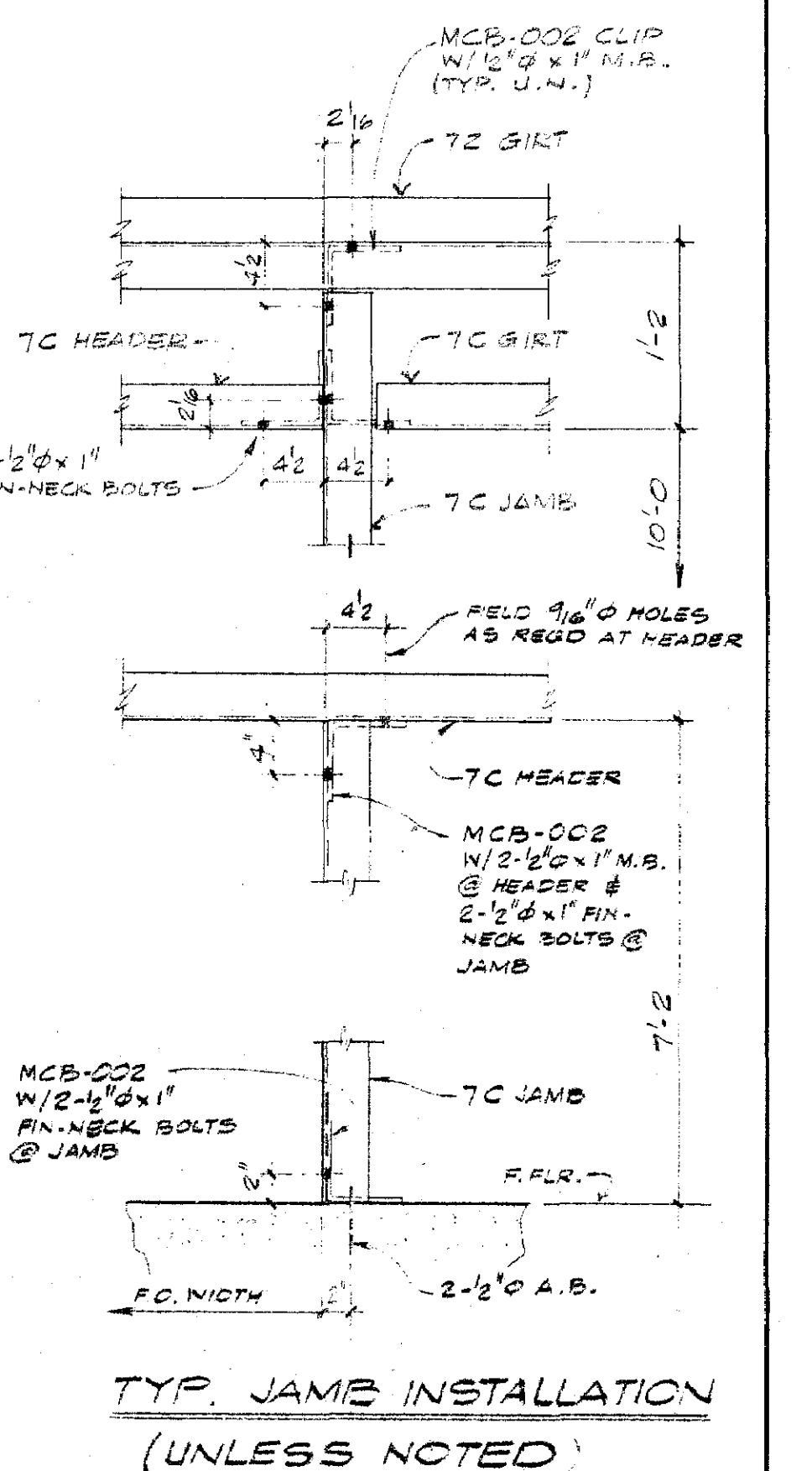
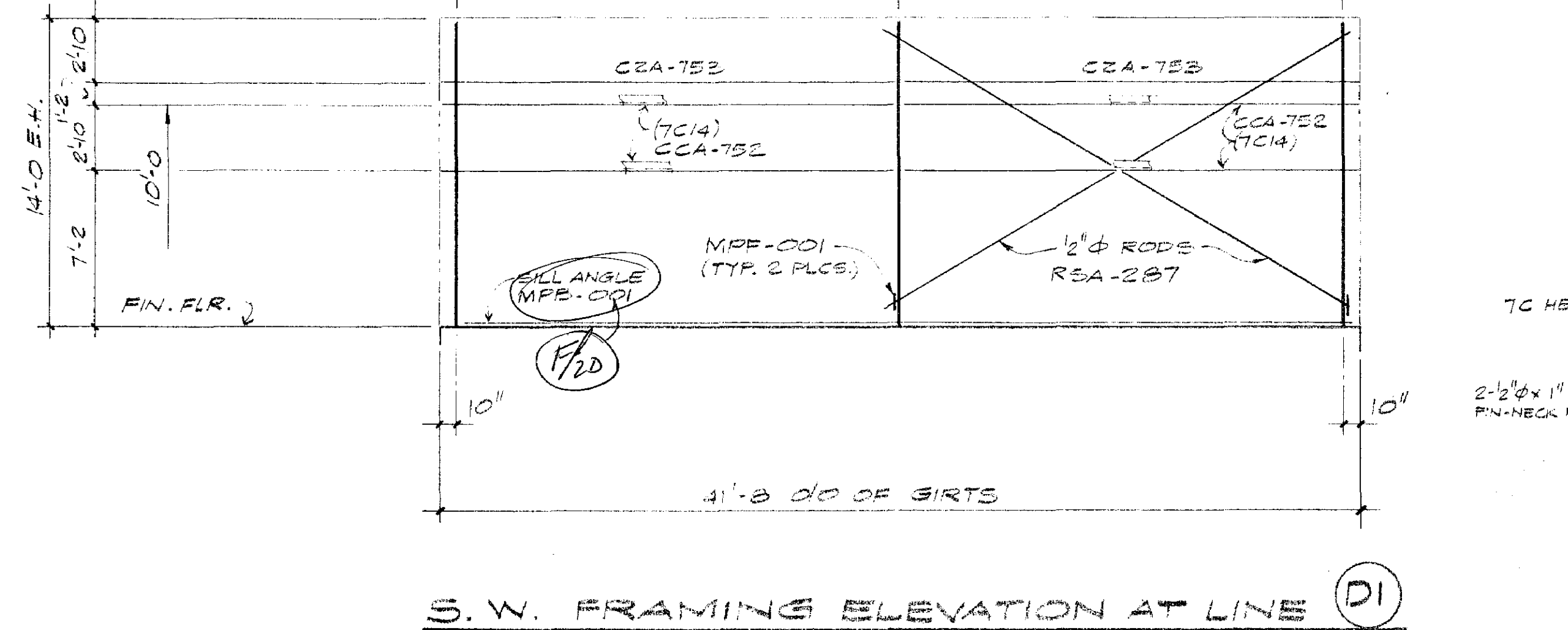
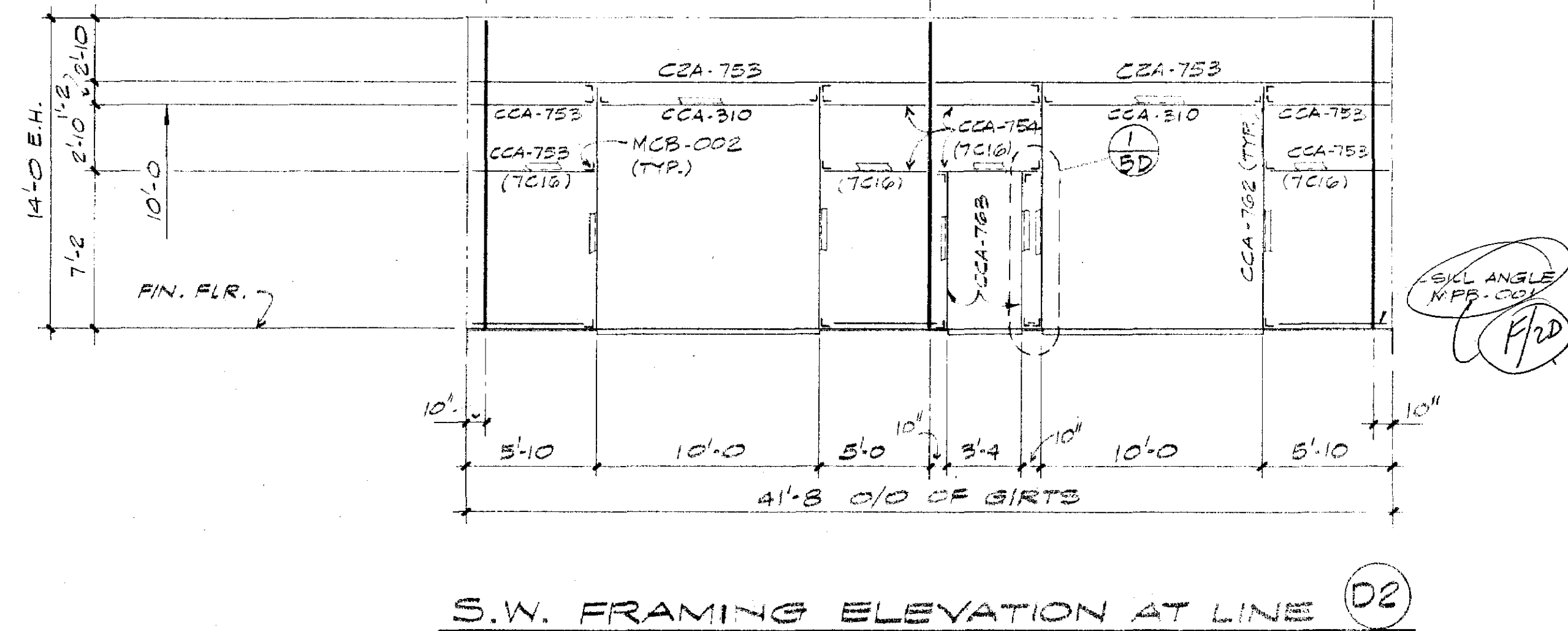
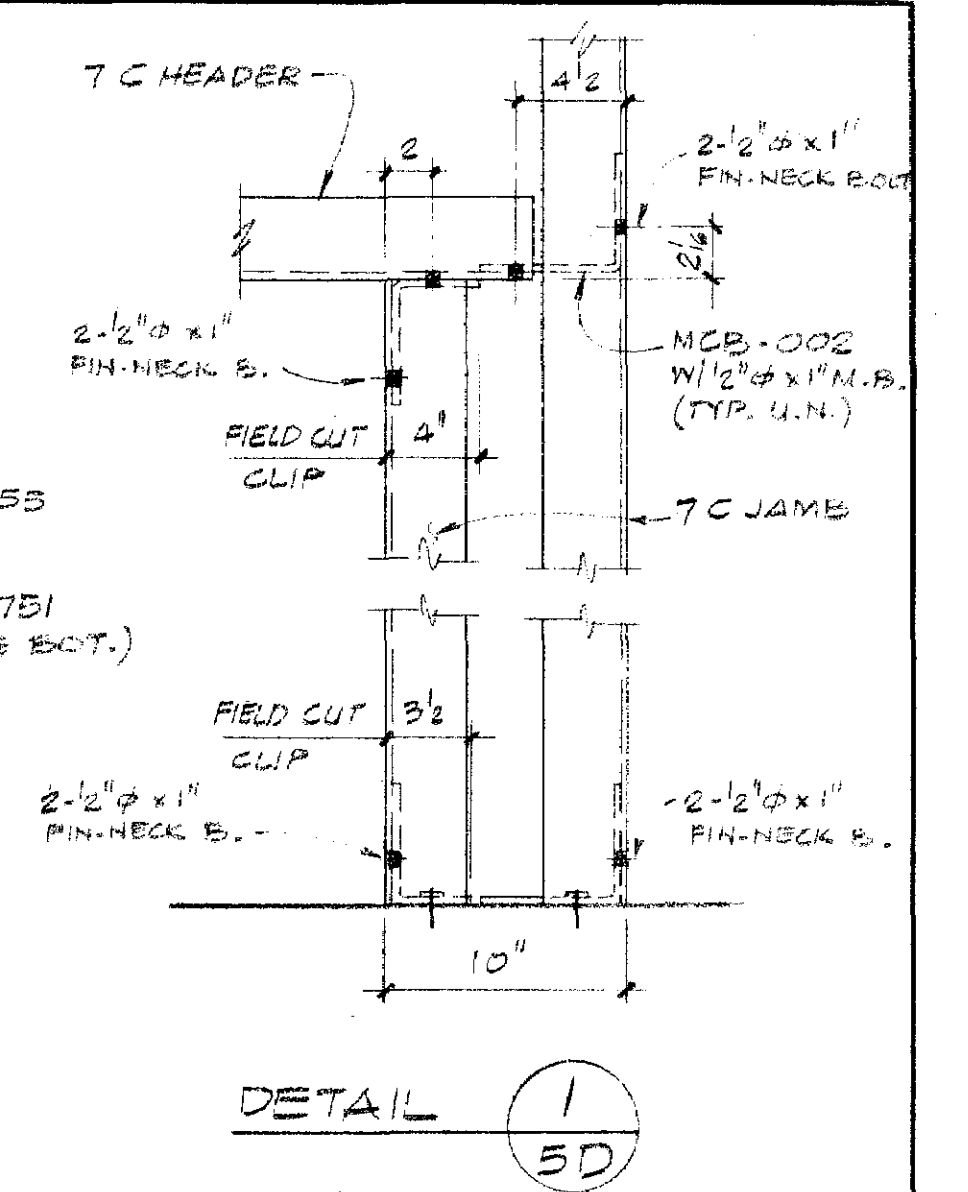
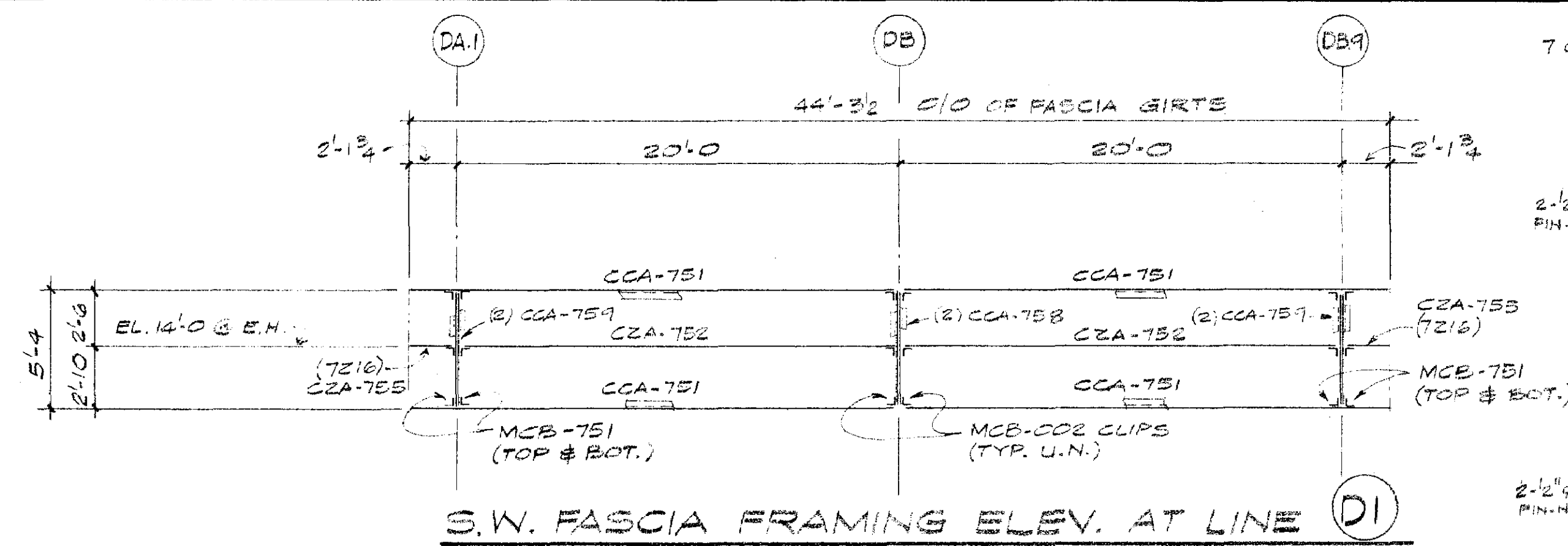
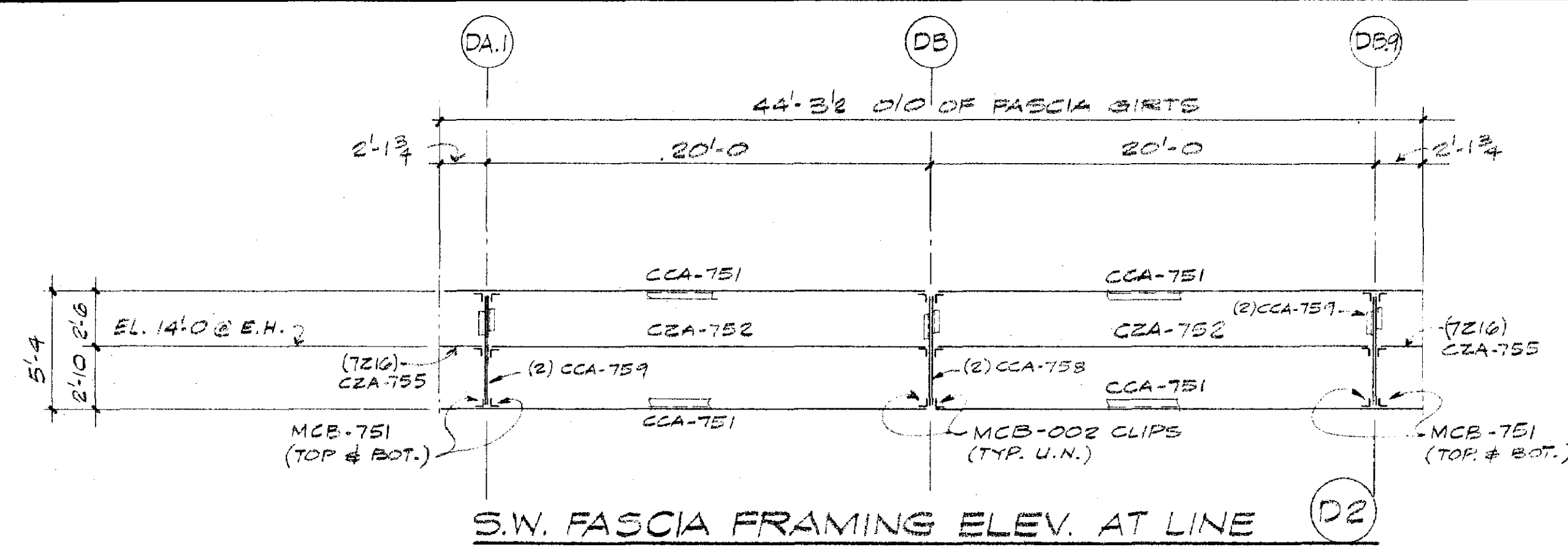
|            |        |
|------------|--------|
| DATE       | 10/4/3 |
| DRAWN BY   | N.P.   |
| CHECKED BY | B.J.   |
| APPROVED   |        |

|                                                                                                                                                   |                                          |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--|--|
|  <b>SOULÉ BUILDINGS</b><br>A DIVISION OF SOULÉ STEEL COMPANY |                                          |  |  |
| DRAWING TITLE<br><b>ROOF FRAMING PLAN</b>                                                                                                         | JOB NO.<br><b>10-B-317 D</b>             |  |  |
| JOB NAME<br><b>CORPORATION YARD<br/>         FLAMMABLE STORAGE BUILDING "D"</b>                                                                   | PAGE<br><b>30</b> OF _____<br>REV. _____ |  |  |









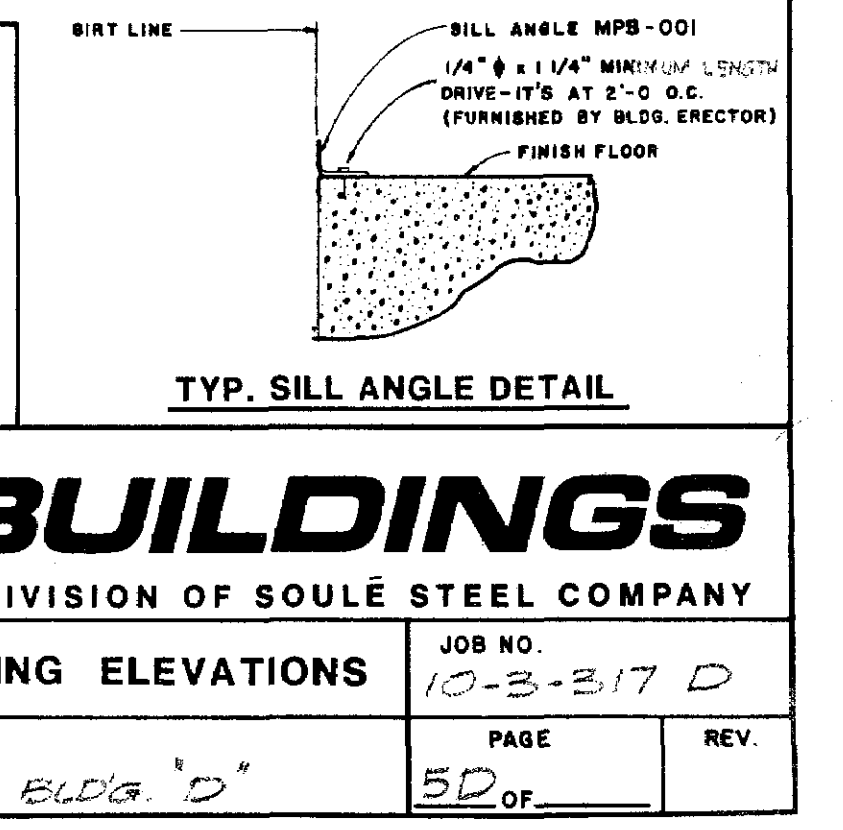
**GENERAL NOTES:**

- USE TYPE **GIRT LAP CONNECTION DETAIL**.
- SEE DNG. # 4D FOR S.W. FASCIA CONNECTIONS (NOT SHOWN).

| REV | DATE | REVISION DESCRIPTION | DWN | CHK | APR |
|-----|------|----------------------|-----|-----|-----|
| 1   |      |                      |     |     |     |
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**MEMBER SCHEDULE**

|                           |                    |
|---------------------------|--------------------|
| END BAY GIRTS             | 7 x 16 GA. (U.N.)  |
| INTERIOR BAY GIRTS        | 7 x 16 GA. (U.N.)  |
| SILL ANGLE                | 4 x 3 x 2 x 16 GA. |
| FRAMED OPENING JAMBS      | 7 x 16 GA.         |
| FRAMED OPENING HEADERS    | 7 x 16 GA.         |
| FASCIA GIRTS              | 7 x 16 GA.         |
| FASCIA TOP & BOT. CHANNEL | 7 x 16 GA.         |
| FASCIA POST               | 7 x 16 GA.         |



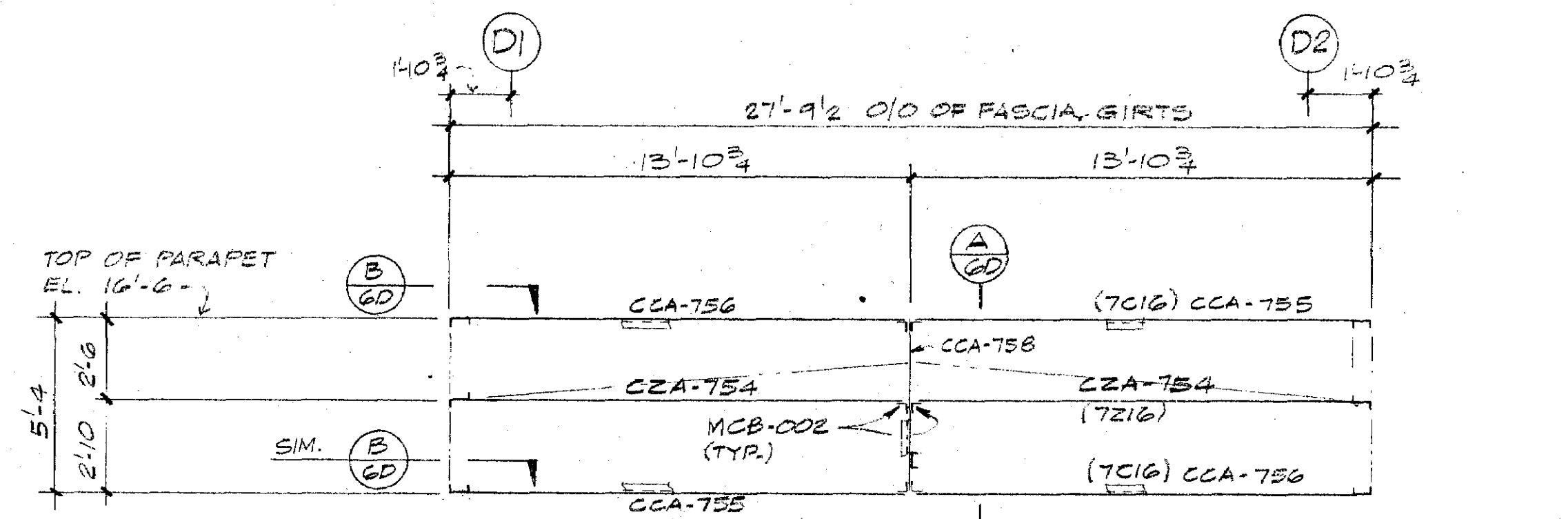
**SOULÉ BUILDINGS**  
A DIVISION OF SOULÉ STEEL COMPANY

DATE: 1/14/83  
DRAWN BY: MR.  
CHECKED BY: BJ  
APPROVED: [Signature]

DRAWING TITLE: **SIDEWALL FRAMING ELEVATIONS**  
JOB NAME: CORPORATION YARD  
FLAMMABLE STORAGE BLDG 'D'

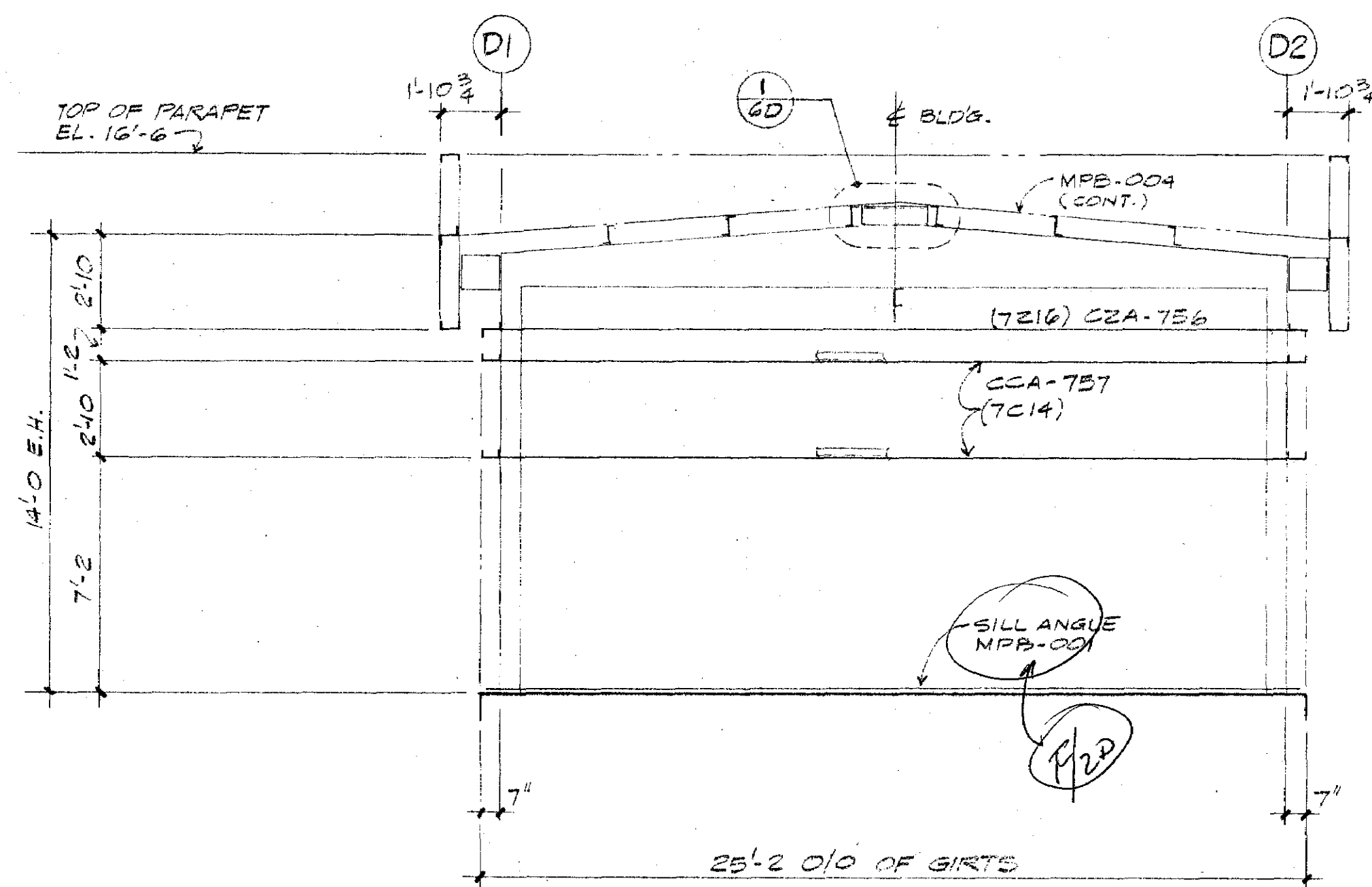
JOB NO.: 10-3-317 D  
PAGE: 5D OF 5D





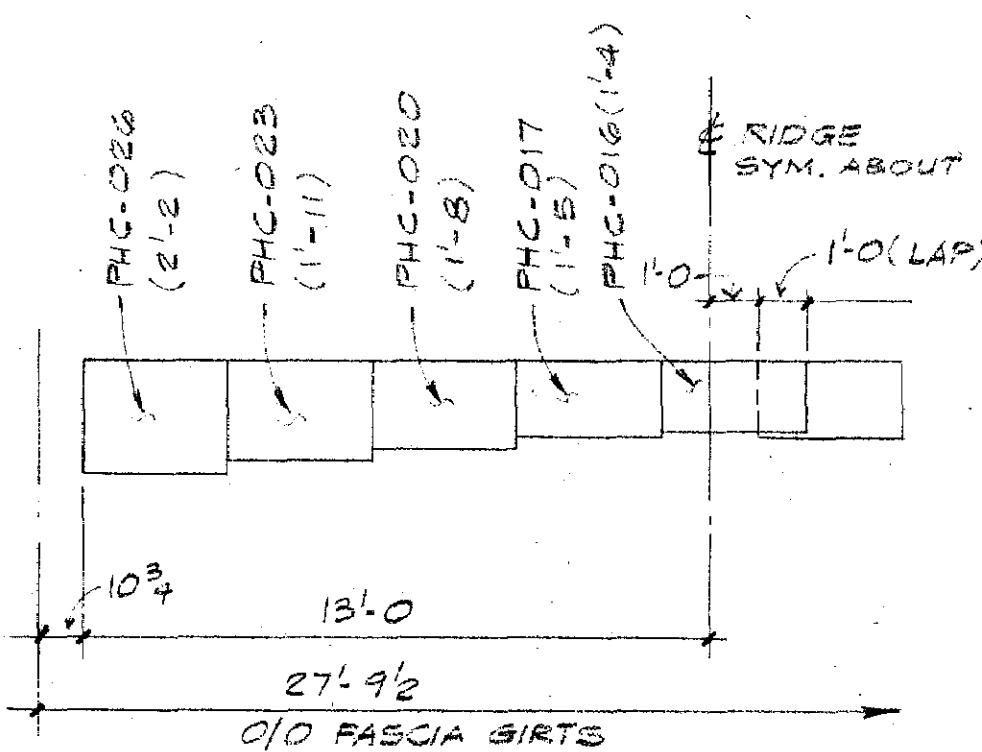
E.W. FASCIA FRAMING ELEV. @ LINE (DA) (AS SHOWN)

E.W. " " " " @ LINE (DC) (SIMILAR)

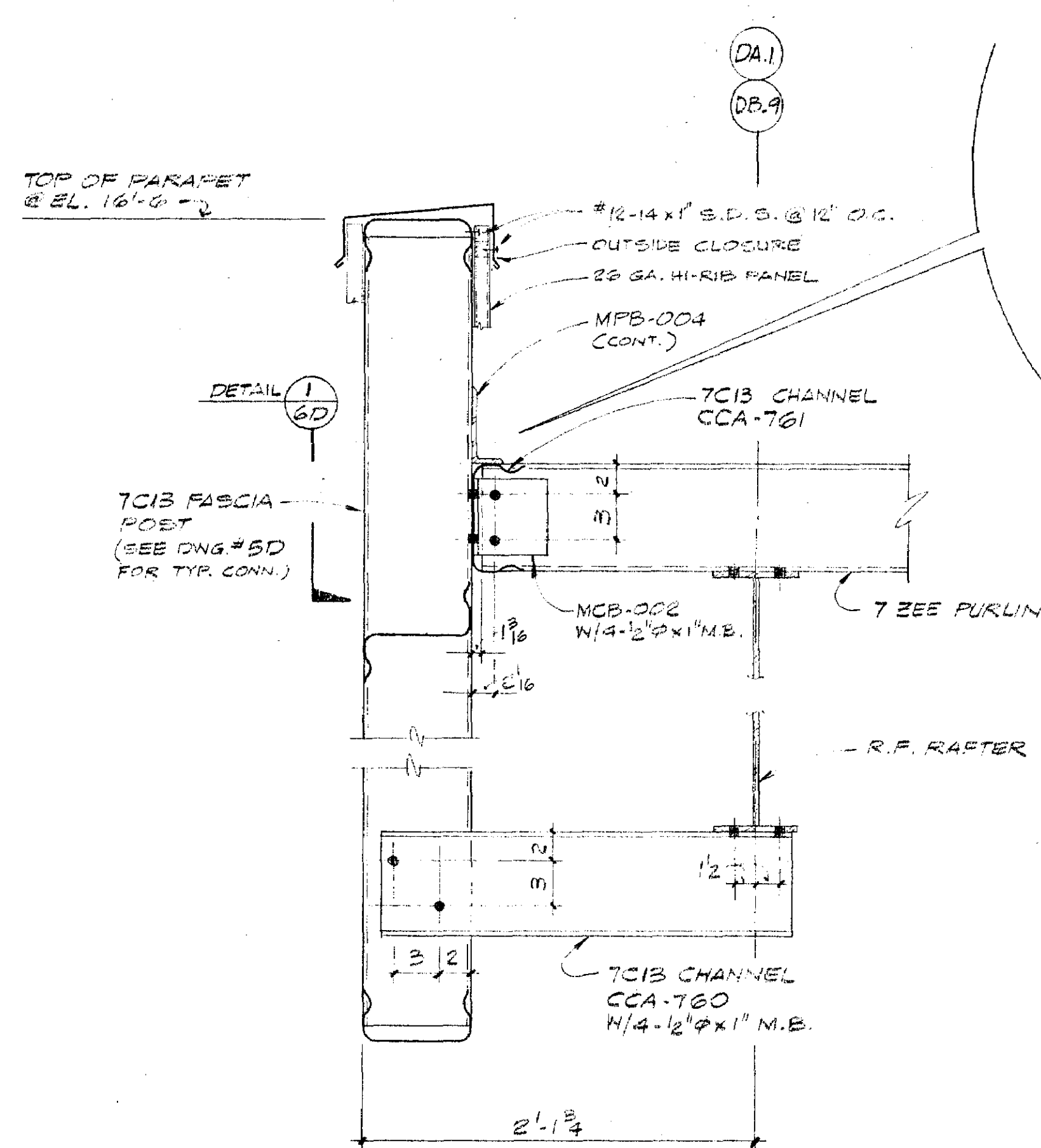


E.W. FRAMING ELEV. @ LINE (DA) (AS SHOWN)

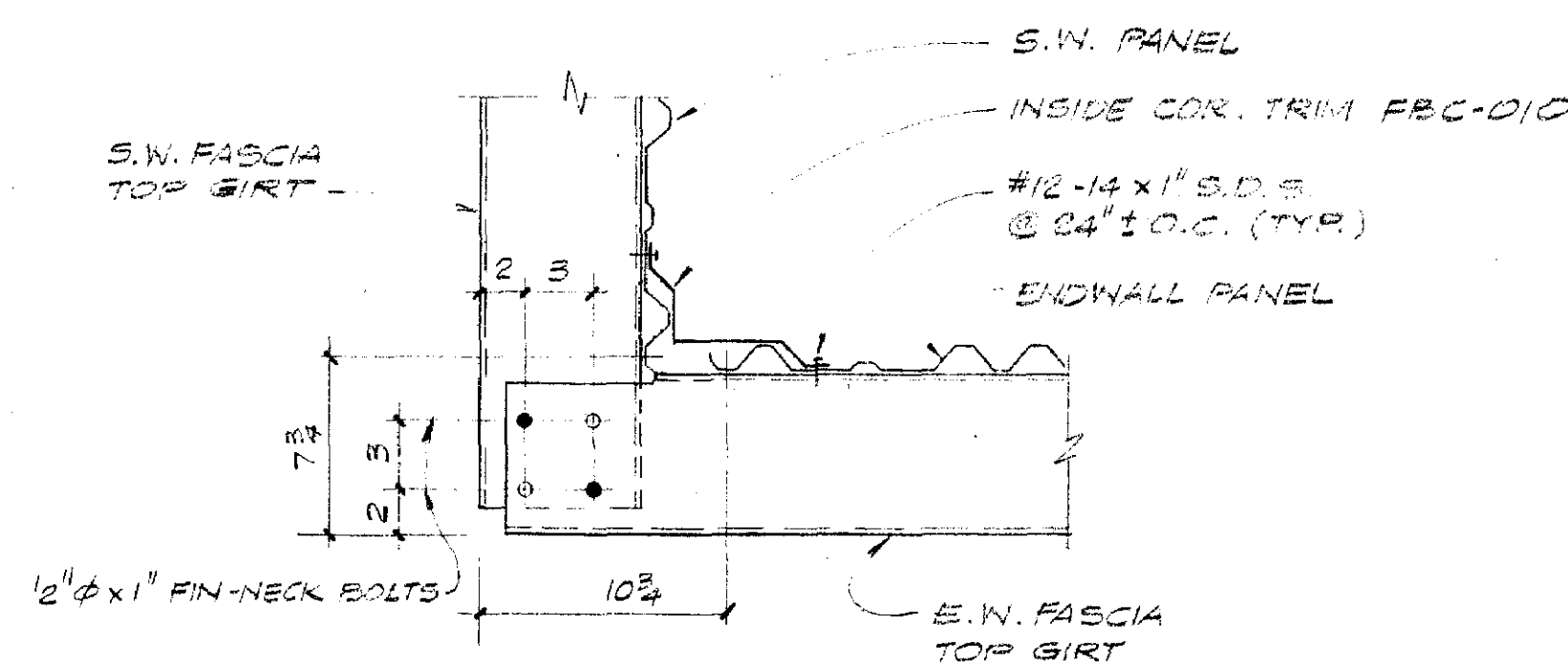
E.W. " " " " @ LINE (DC) (SIMILAR)



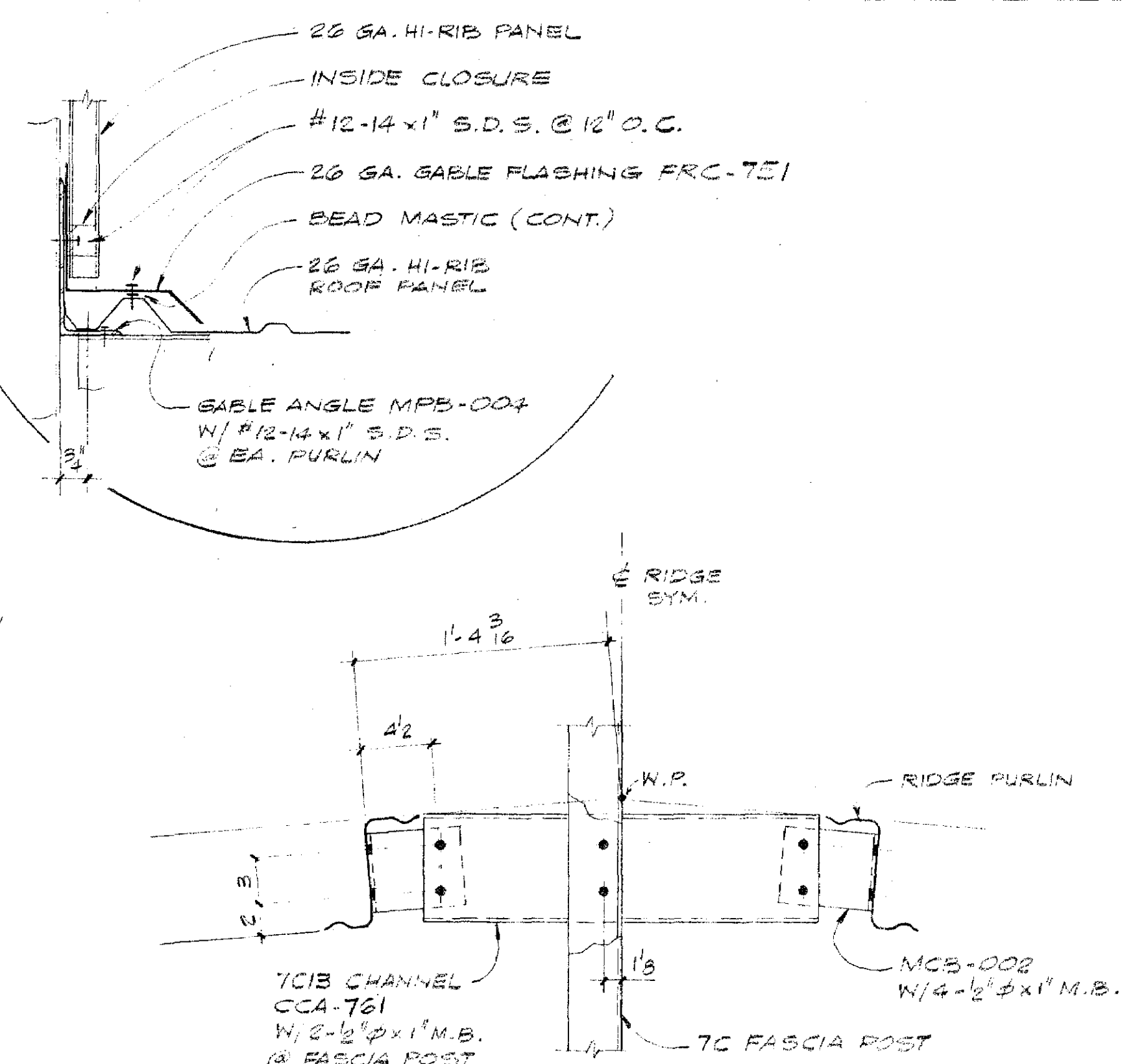
E.W. SHEETING ELEVATION  
AT BEHIND FASCIA



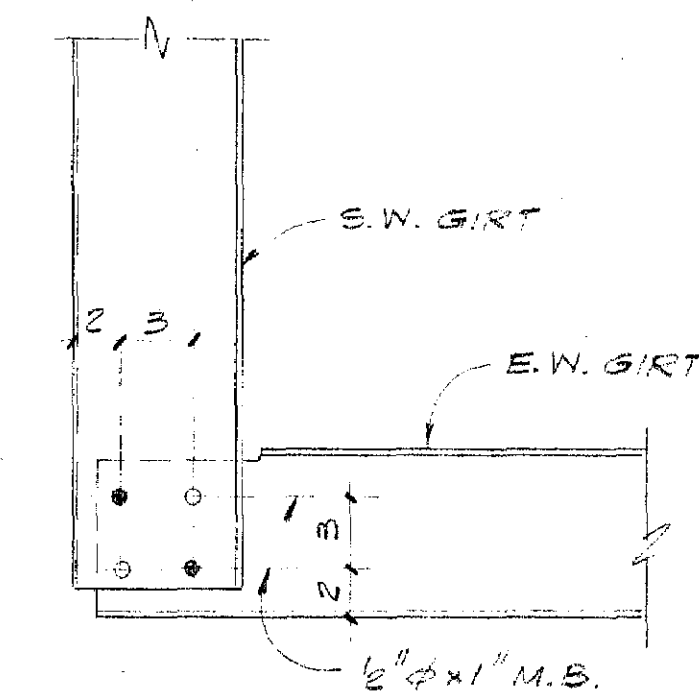
SECTION (A)  
(6D)



SECTION (B)  
(6D)



DETAIL (1)  
(6D)



TYP. ENDBAY GIRT  
CONNECTION  
(UNLESS NOTED)

MEMBER SCHEDULE:

|                           |                     |
|---------------------------|---------------------|
| E.W. GIRTS                | TC14 GA. (U.N.)     |
| GABLE ANGLE               | 2 1/2 x 2 x 1/8 GA. |
| SILL ANGLE                | 4 1/2 x 2 x 1/8 GA. |
| FASCIA GIRTS              | TC16 GA.            |
| FASCIA TOP & BOT. CHANNEL | TC16 GA.            |
| FASCIA POST               | TC13 GA.            |

| REV. | DATE | DESCRIPTION | OWN | CHK | APP. |
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|            |         |
|------------|---------|
| DATE       | 10/4/83 |
| DRAWN BY   | MP.     |
| CHECKED BY | BJ      |
| APPROVED   |         |

**SOULÉ BUILDINGS**  
A DIVISION OF SOULÉ STEEL COMPANY

JOB NAME: CORPORATION YARD  
FLAMMABLE STORAGE BLDG. "D"

JOB NO. 10-3-317 D

PAGE 6D OF 6D

REV.



ROOF PANEL TO BE ATTACHED ON ONE SIDE AND BENT OVER RIDGE

ONE STRUCTURAL FASTENER PER FOOT AT INTERMEDIATE PURLINS

NOTE 1 UL-90 ROOF REQUIRES (2) FASTENERS PER FOOT AT ALL INTERMEDIATE PURLINS.

STITCH FASTENER (TYPICAL) BETWEEN EACH PURLIN

ROOF STITCH FASTENERS 18" ON CENTER

GROMMET FASTENER XFE-001 18" O.C. PRE-DRILL 3/8" HOLE

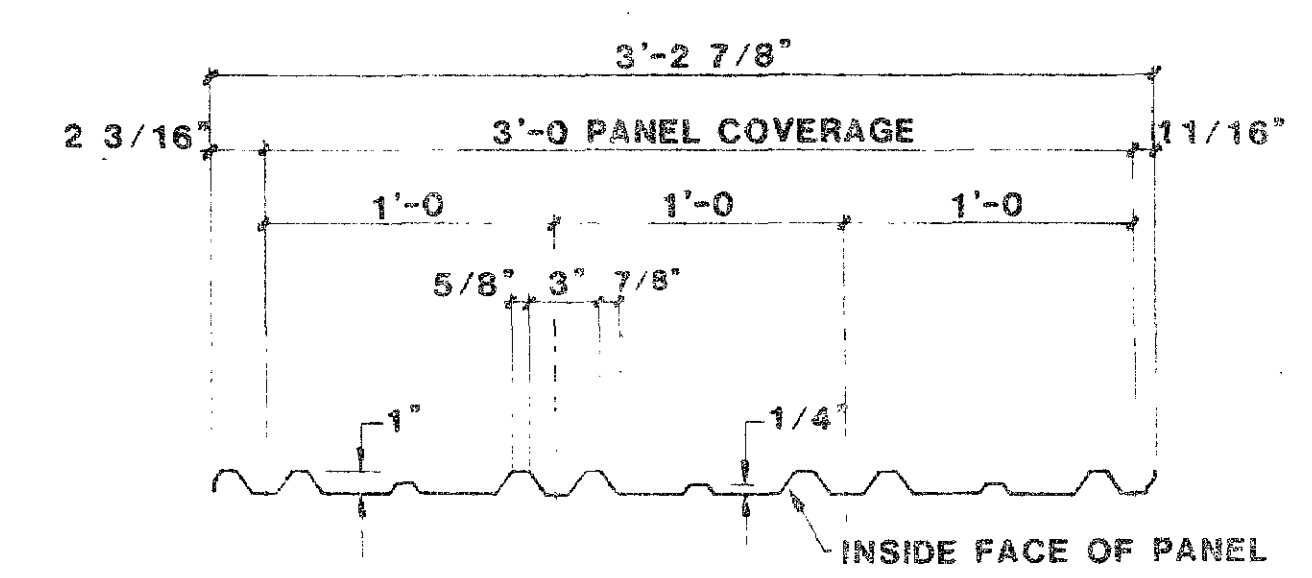
STITCH FASTENER

2 7/8" LAP

PANEL SIDELAP DETAIL

ADJACENT SHADOWLINE PANEL

PLASTIC PANEL SIDELAP DETAIL



SHADOWLINE PANEL

FASTENERS

ALL FASTENERS HAVE CARBON STEEL BODIES, HEX HEADS WITH INTEGRAL HEAD WASHER, PLUS DOUBLE SEALING WASHER.

- (XFB-002) STANDARD STRUCTURAL #12-14X1 7/8" SELF DRILLING, UNPAINTED.
- (XFB-001) STANDARD STITCH #12-14X1 1/2" SELF DRILLING, UNPAINTED.
- (XFA-002) OPTIONAL STRUCTURAL #14X1 3/4" SELF TAPPING, UNPAINTED (HOLES REQUIRED #8 BIT)
- (XFA-001) OPTIONAL STITCH #14X3/4" SHEET METAL, UNPAINTED (HOLES REQUIRED #12 DRILL BIT)
- (XFB-004) OPTIONAL STRUCTURAL #12-14X1 7/8" SELF DRILLING WITH STAINLESS STEEL HEAD CAP, UNPAINTED.
- (XFB-003) OPTIONAL STITCH #12-14X1" SELF DRILLING WITH STAINLESS STEEL HEAD CAP, UNPAINTED.

CLOSURE STRIPS

FORM TYPE CLOSURE STRIPS ARE AVAILABLE AS STANDARD ITEMS. THEY MUST BE INSTALLED BEFORE PANEL FASTENERS ARE APPLIED TO HOLD THEM FIRMLY IN PLACE.

MASTIC SEALER

ROOF PANEL SEALER IS BUTYL RUBBER MASTIC, 1/4" EXTRUDED SINGLE BEAD, PROVIDED AS STANDARD AT ALL ROOF PANEL END LAPS. WHEN OPTIONAL SIDELAP MASTIC IS USED, ONE CONTINUOUS BEAD WILL BE PROVIDED. LOCATED BETWEEN LAPPING PANELS, AT THE TOP OF THE HIGH CORRUGATION ON THE UNDERLYING PANEL AND IN LINE WITH THE STITCH FASTENERS.

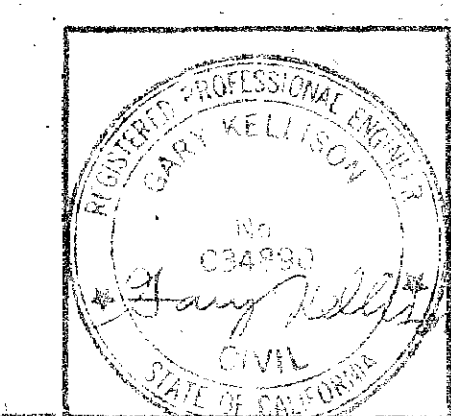
ROOF PANEL APPLICATION

BUILDING MUST BE SQUARE AND PLUMB BEFORE STARTING THE APPLICATION OF PANELS. PANELS SHOULD BE INSTALLED WITH THE DOUBLE RIB LAP FACING AWAY FROM THE PREVAILING WINDS. PANEL COVERAGE (36") SHOULD BE CHECKED EVERY (12) FEET TO INSURE PROPER ALIGNMENT.

LOWER ROOF PANELS ARE TO BE INSTALLED FIRST AND MUST BE ALIGNED ACROSS THE BUILDING ON BOTH SIDES OF THE RIDGE TO ALLOW PROPER MATCH WITH RIDGE PANELS. ENDS OF PANELS AT EAVE MUST ALSO BE ALIGNED TO ASSURE A UNIFORM PANEL OVERHANG. PANEL OVERHANG MAY VARY, DEPENDING ON TYPE OF EAVE TRIM/GUTTER TREATMENT DESIRED.

ROOF PANELS ARE TO BE ATTACHED TO THE EAVE STRUT AND PURLINS THRU THE TOP OF THE HIGH CORRUGATION WITH 1 3/4" MINIMUM LENGTH FASTENERS (STRUCTURAL CONNECTION). LAPPING PANELS ARE TO BE ATTACHED THRU THE TOP OF THE HIGH CORRUGATIONS WITH 1 3/4" MINIMUM LENGTH FASTENERS AT TWO (2) PER FOOT. ATTACH PANEL TO INTERMEDIATE PURLINS WITH ONE FASTENER PER FOOT.

ROOF SIDELAP FASTENERS (STITCH CONNECTION) ARE TO BE 3/4" MINIMUM LENGTH FASTENERS AND TO BE LOCATED IN THE OUTERMOST HIGH CORRUGATION OF THE OVERLAPPING PANEL. SIDELAP FASTENERS WILL BE LOCATED BETWEEN EACH PANEL SUPPORT.



|               |                                                          |                                   |     |
|---------------|----------------------------------------------------------|-----------------------------------|-----|
| DATE 10/4/03  |                                                          | <b>SOULE BUILDINGS</b>            |     |
| DRAWN BY NP   |                                                          | A DIVISION OF SOULE STEEL COMPANY |     |
| CHECKED BY EJ | DRAWING TITLE SHADOWLINE ROOF PANEL INSTALLATION         | JOB NO. 10-3517 D                 |     |
| APPROVED      | JOB NAME CORPORATION YARD (PLANITABLE STORAGE BLDG. "D") | PAGE 72 OF                        | REV |

GABLE ANGLE MPB-004 (SEE DWG. # 6D FOR GABLE INSTALLATION)

SEE PANEL LAP DETAIL

STRUCTURAL FASTENERS AT 2 PER FOOT

XST-001 1/4" EXTRUDED SINGLE BEAD MASTIC (CONTINUOUS)

XST-001 CONTINUOUS MASTIC AT PANEL ENDLAPS

REVERSE FIRST ROOF PANEL AND START SHEETING HERE

MPB-004 GABLE ANGLE WITH ONE XFB-001 OR XFA-001 SHEET METAL SCREW UNPAINTED (TYP)

DOWNHILL PURLIN LAP

GABLE DETAIL

STRUCTURAL FASTENERS AT 2 PER FOOT

1/4" EXTRUDED SINGLE BEAD MASTIC (CONTINUOUS) XST-001

STRUCTURAL FASTENERS AT 2 PER FOOT

STRUCTURAL FASTENERS AT 2 PER FOOT

INSIDE CLOSURE STRIP XCB-001

ROOF PANEL

EAVE STRUT

FGB-001 BOLDLINE GUTTER (SHOWN) OR FGC-001 CASCADE GUTTER

XCT-001 OUTSIDE CLOSURE STRIP

BOLDLINE TRIM FEB-001

BOLDLINE TRIM

EAVE TREATMENT (ROOF PANEL OVERHANG DIMENSIONS)

STRUCTURAL FASTENERS AT 2 PER FOOT

INSIDE CLOSURE STRIP XCB-001

ROOF PANEL

EAVE STRUT

OUTSIDE CLOSURE STRIP XCT-001 W/ SHEET METAL SCREWS AT 12" O.C.

CASCADE TRIM FEC-001

CASCADE TRIM

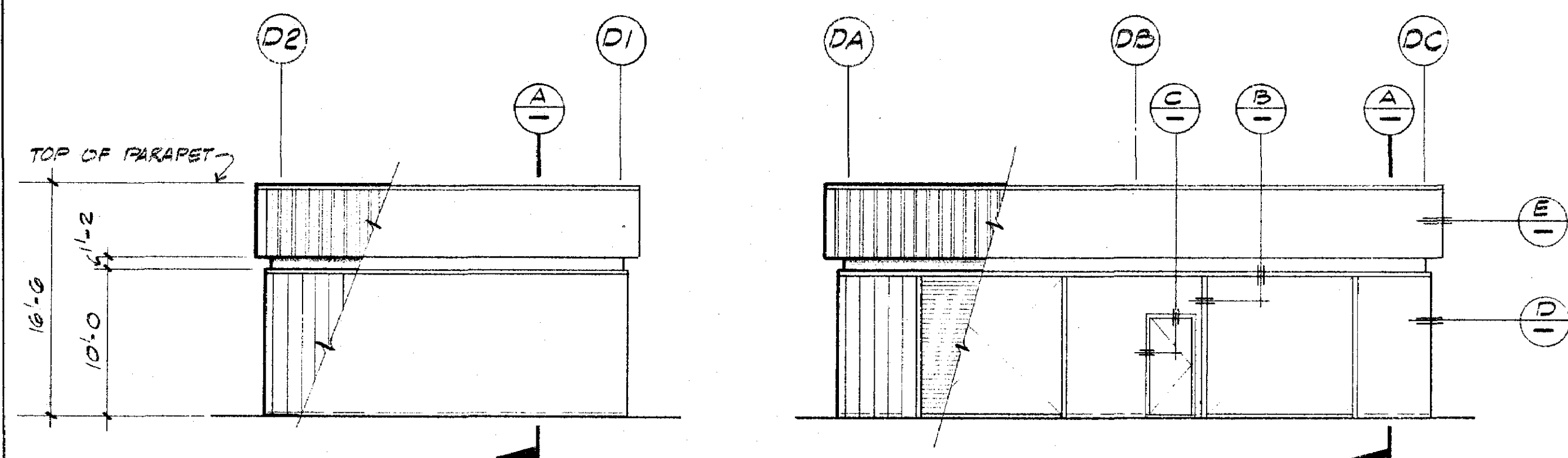
UPHILL PURLIN LAP

CASCADE TRIM FEC-001

OUTSIDE CLOSURE STRIP XCT-001 W/ SHEET METAL SCREWS AT 12" O.C.

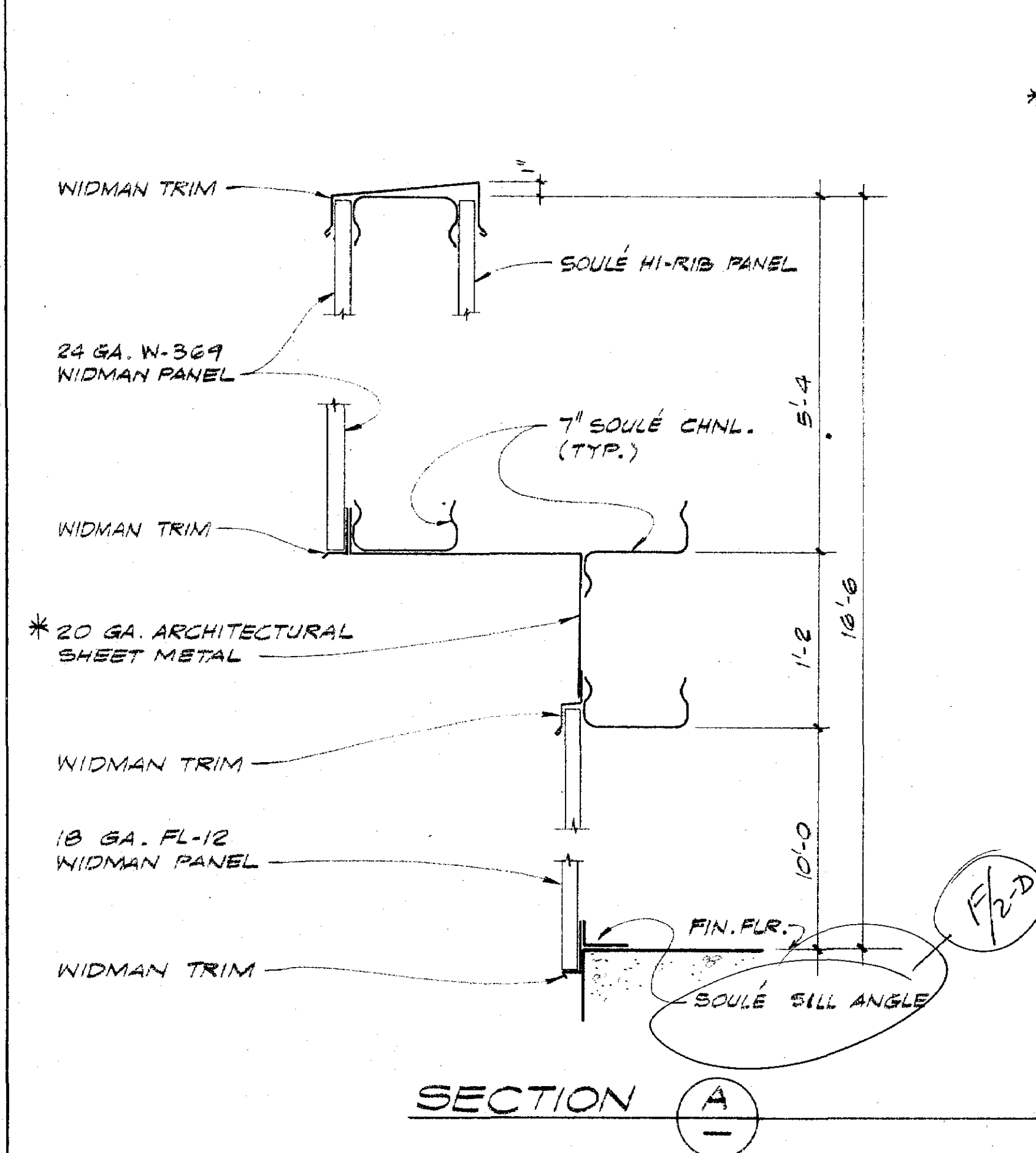
GUTTER



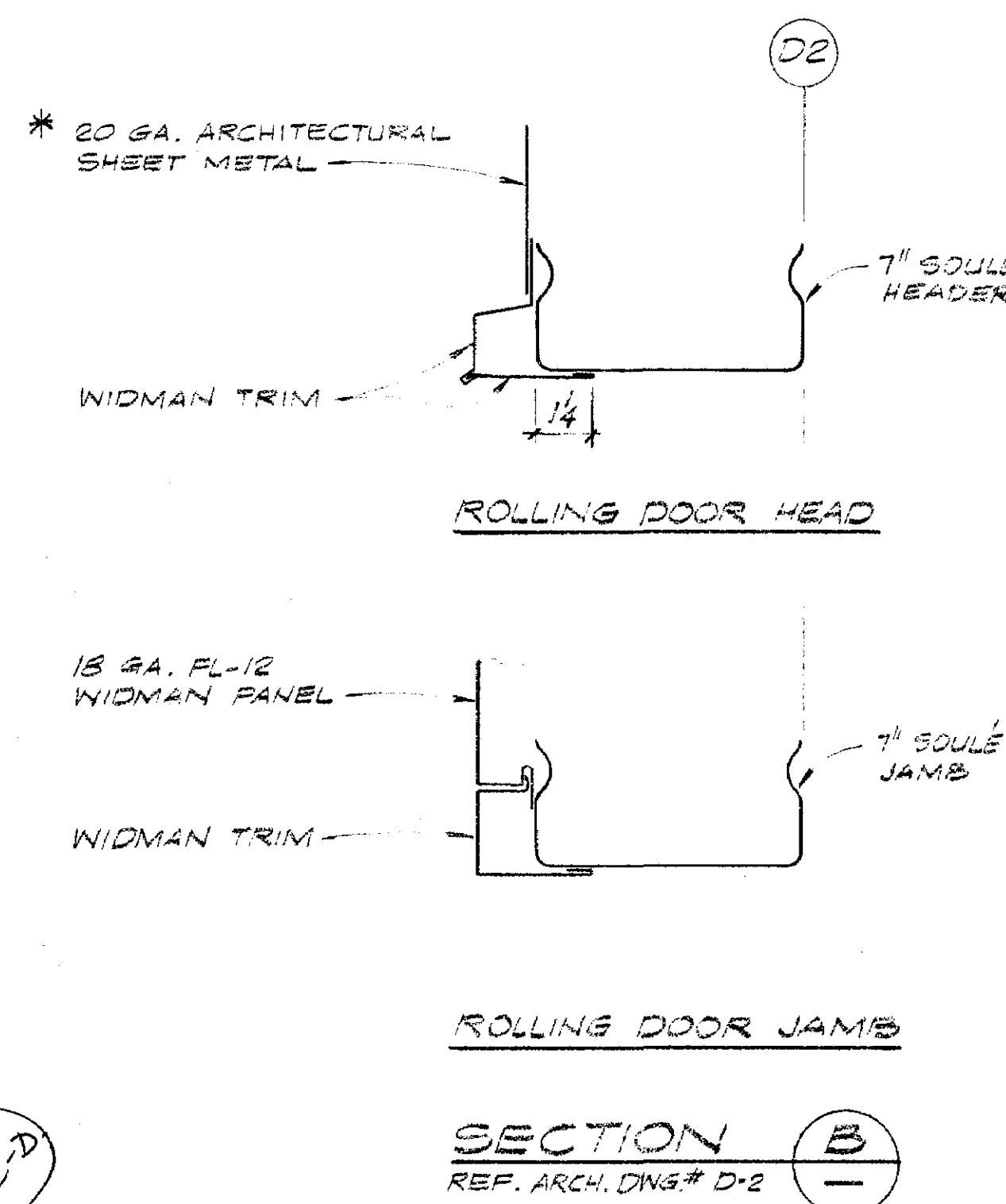


E.W. SHEETING ELEV. @ LINE D2 (AS SHOWN)  
E.W. " " @ LINE DA (SIMILAR)

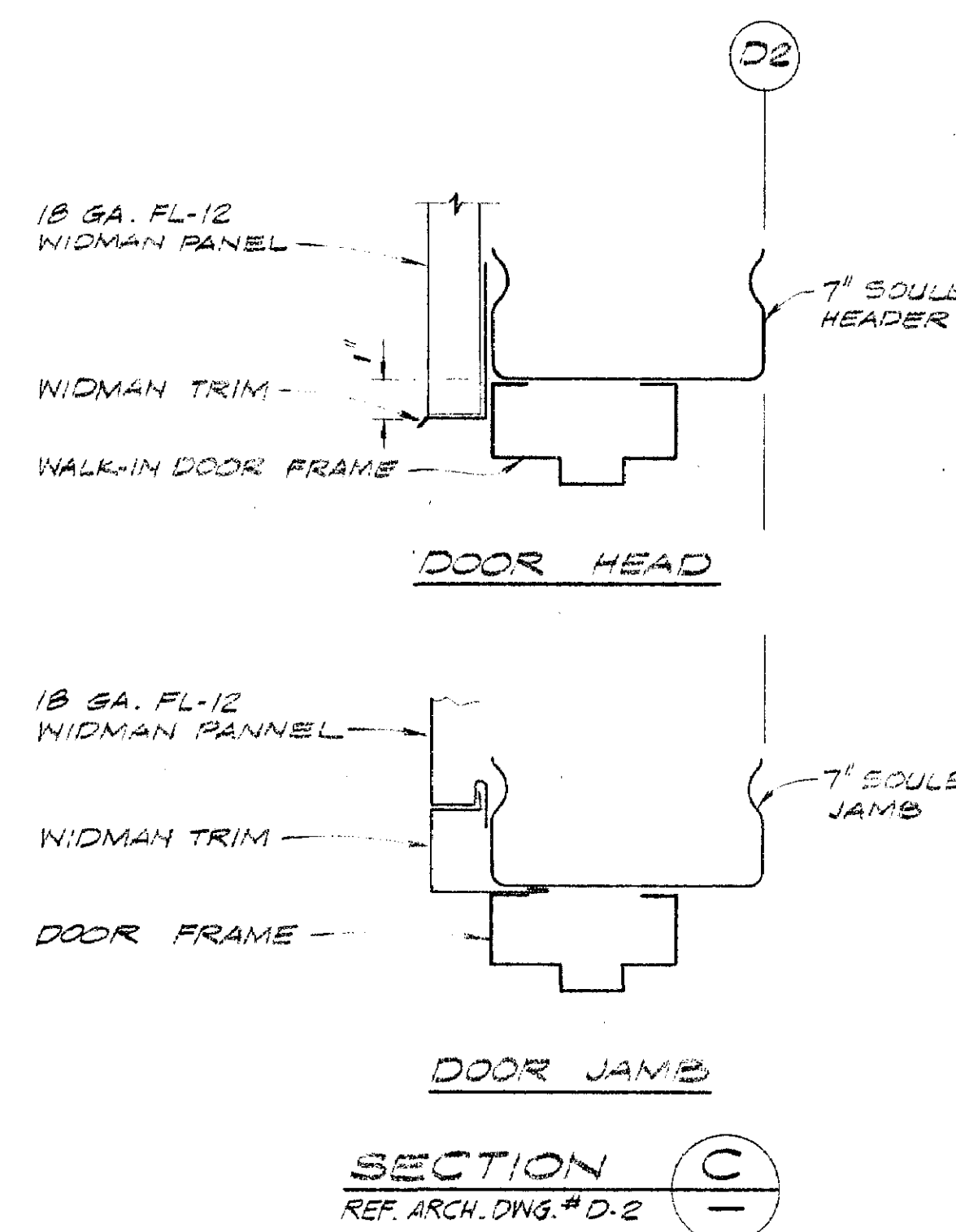
S.W. SHEETING ELEV. @ LINE D2 (AS SHOWN)  
S.W. " " @ LINE D1 (SIM. W/O DOORS)



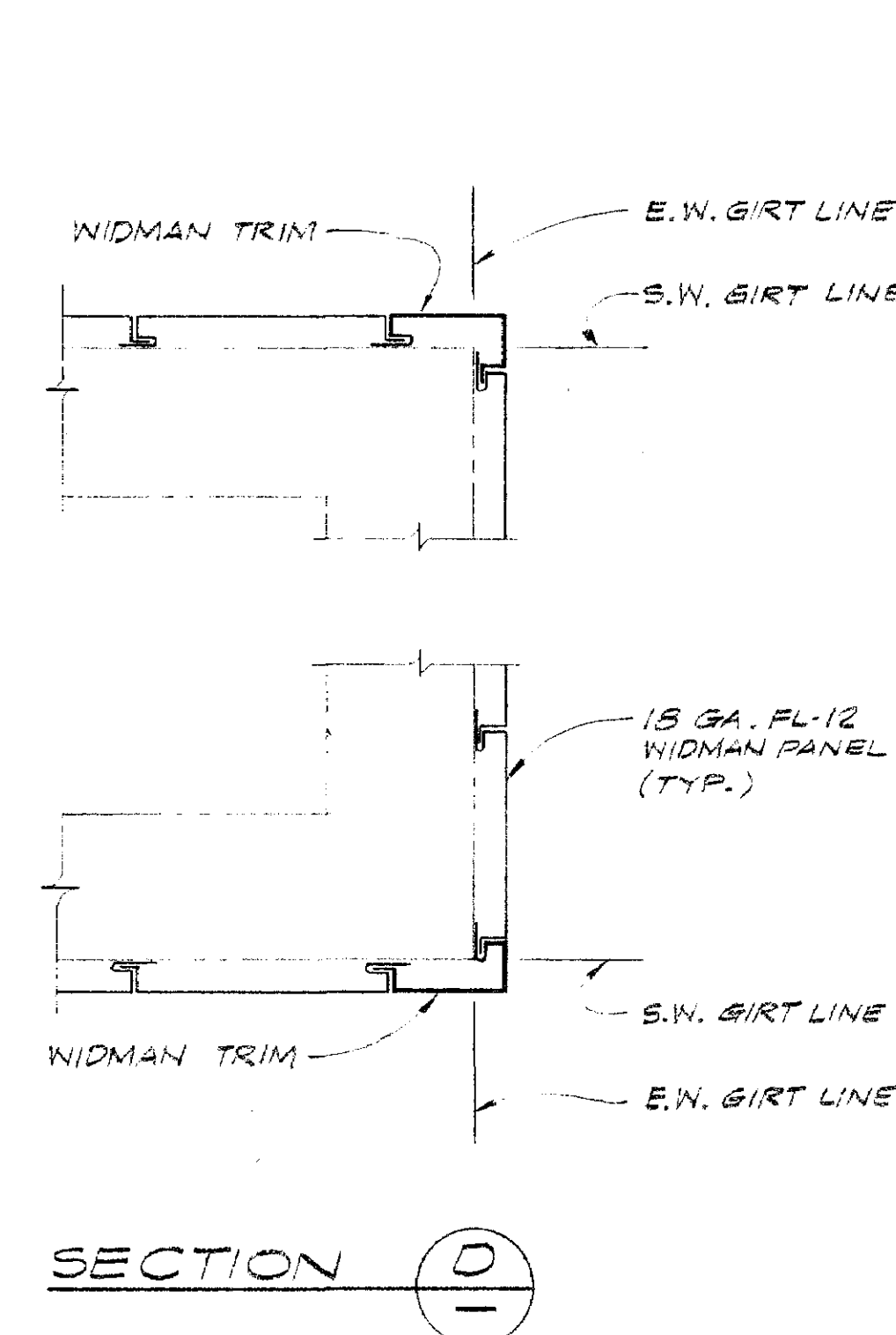
SECTION A



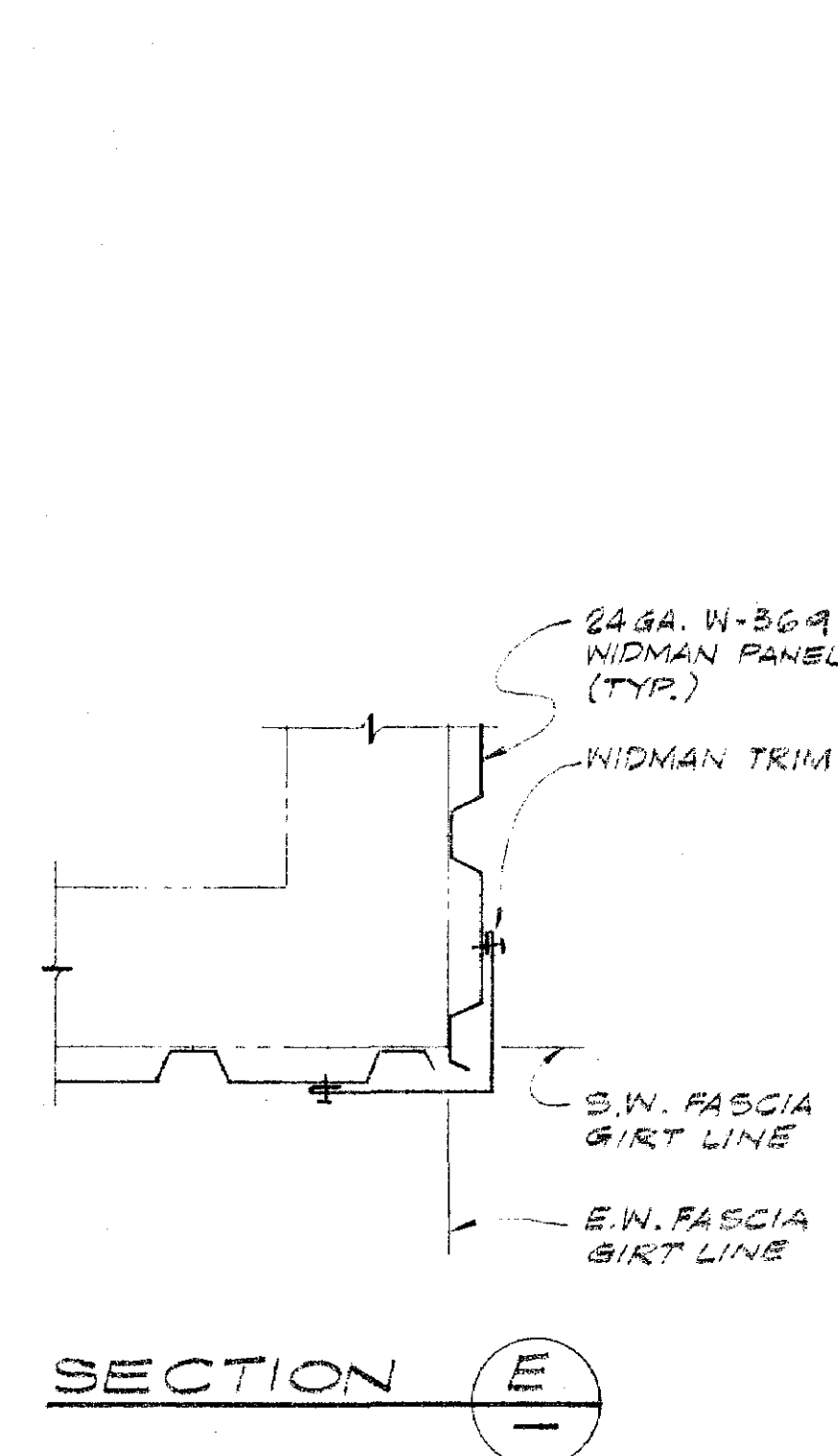
SECTION B  
REF. ARCH. DWG. # D-2



SECTION C  
REF. ARCH. DWG. # D-2



SECTION D



SECTION E

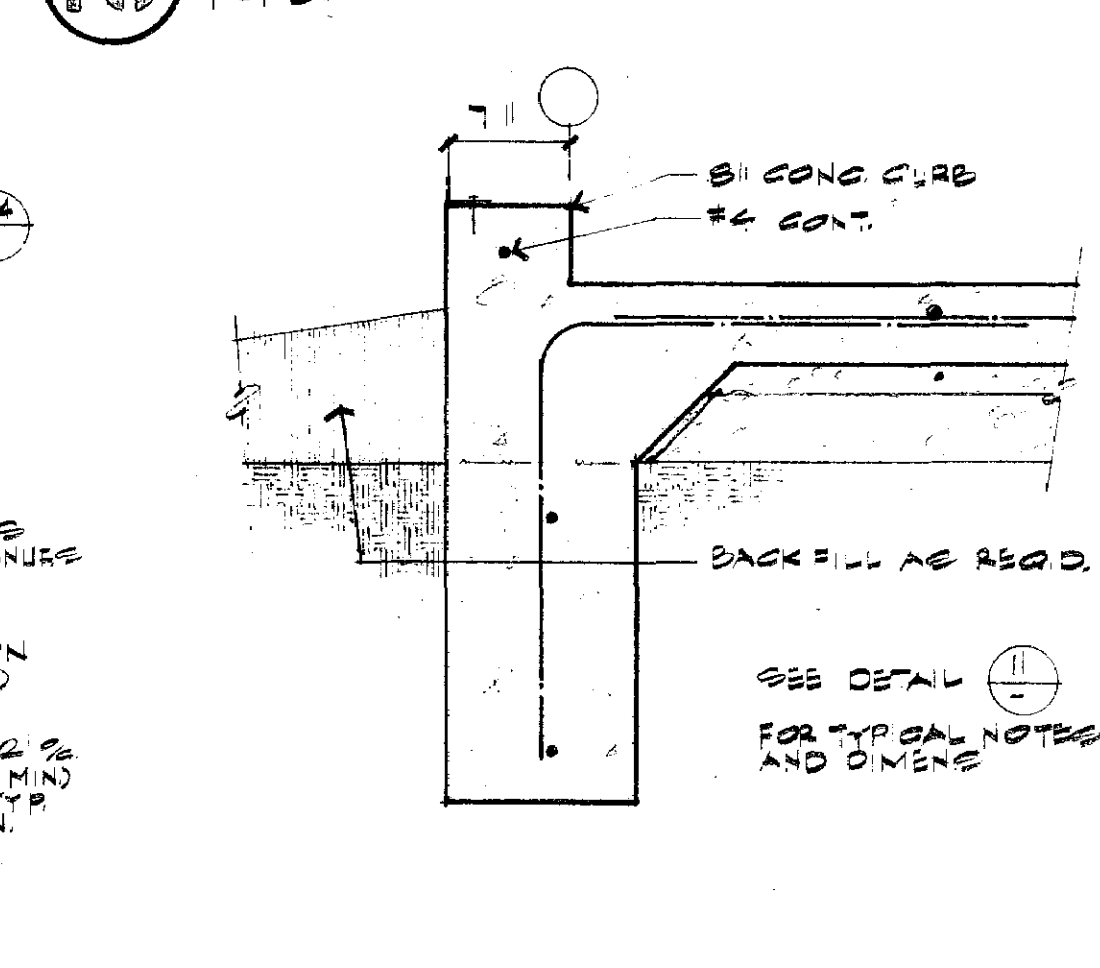
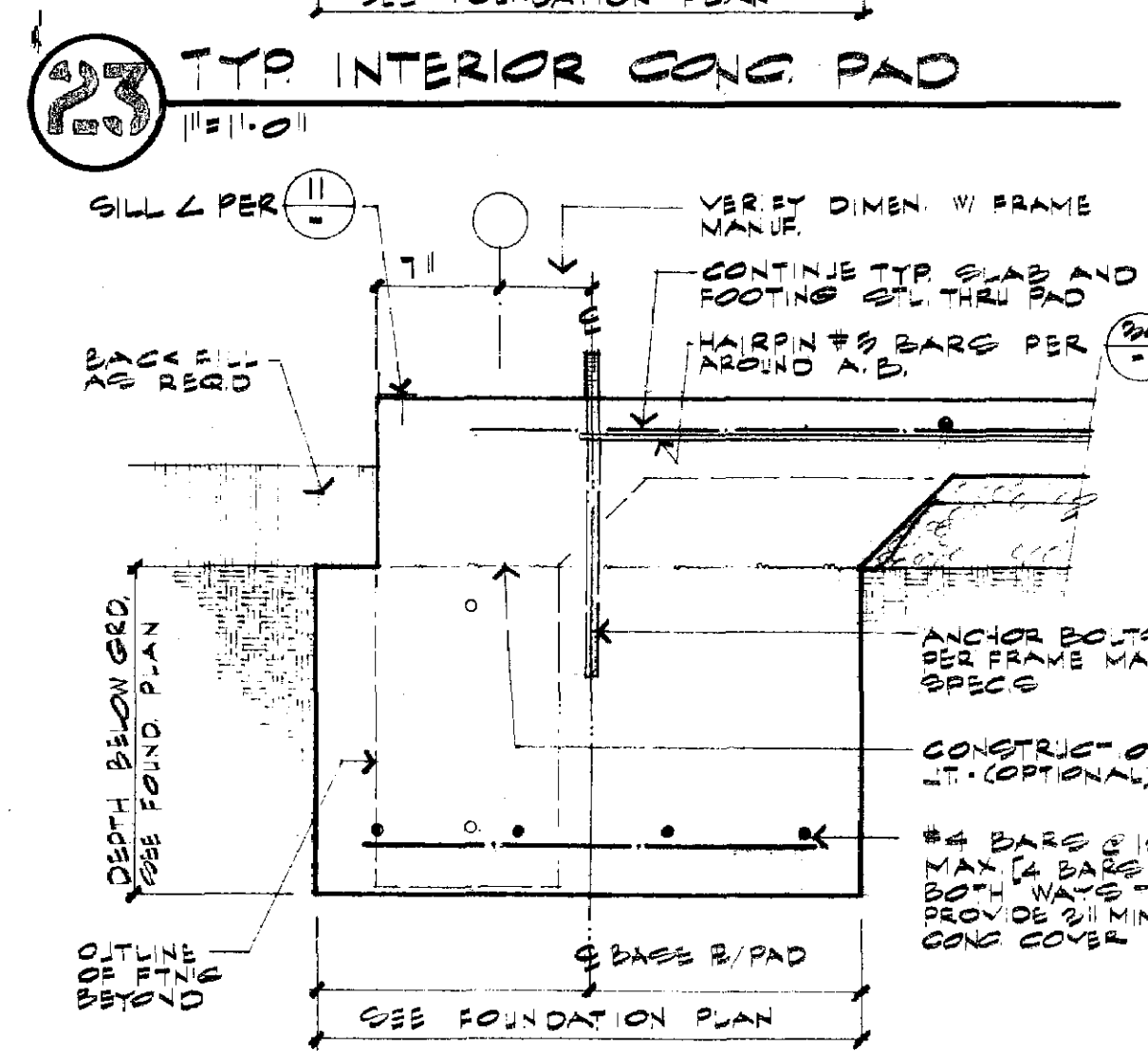
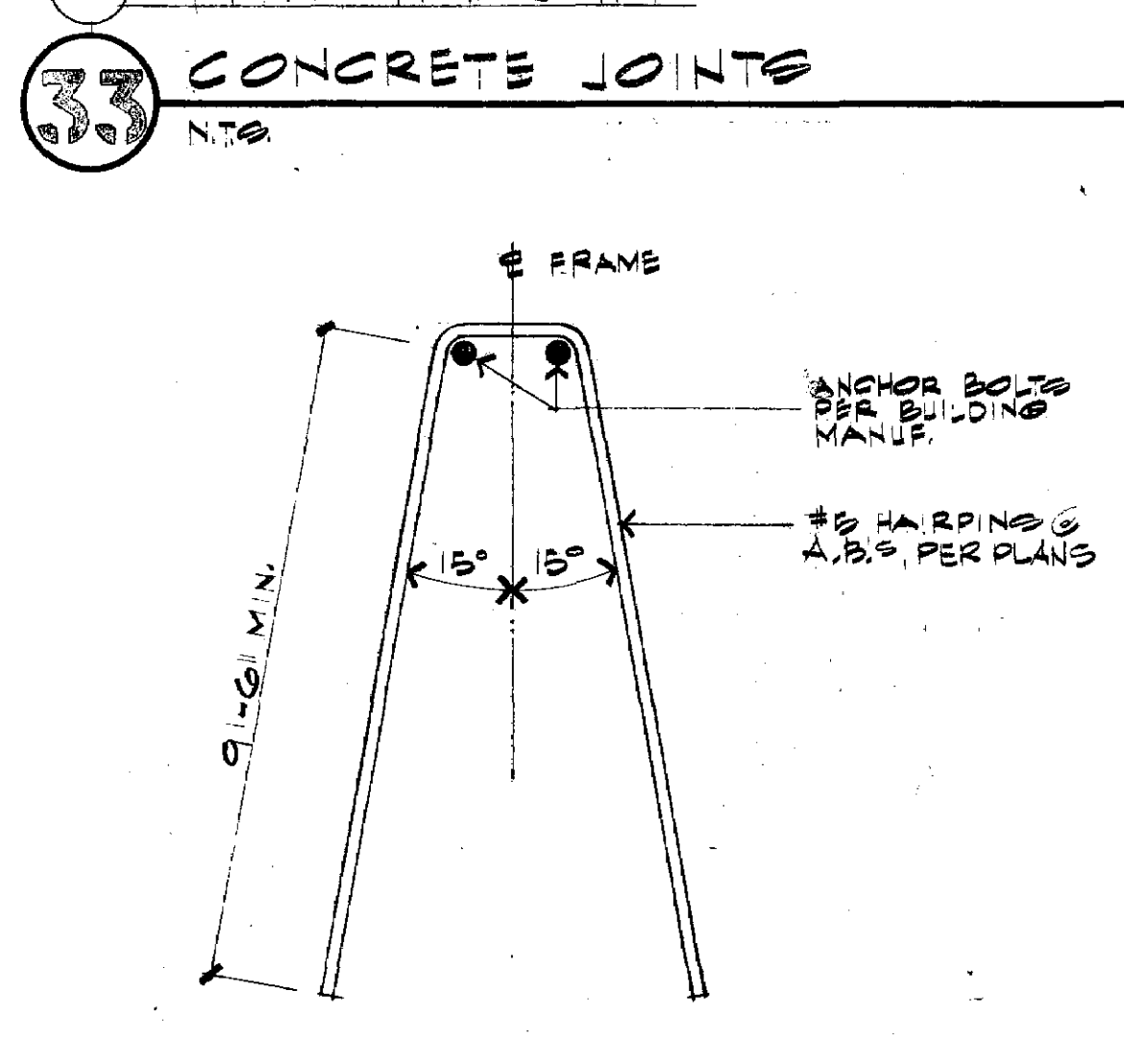
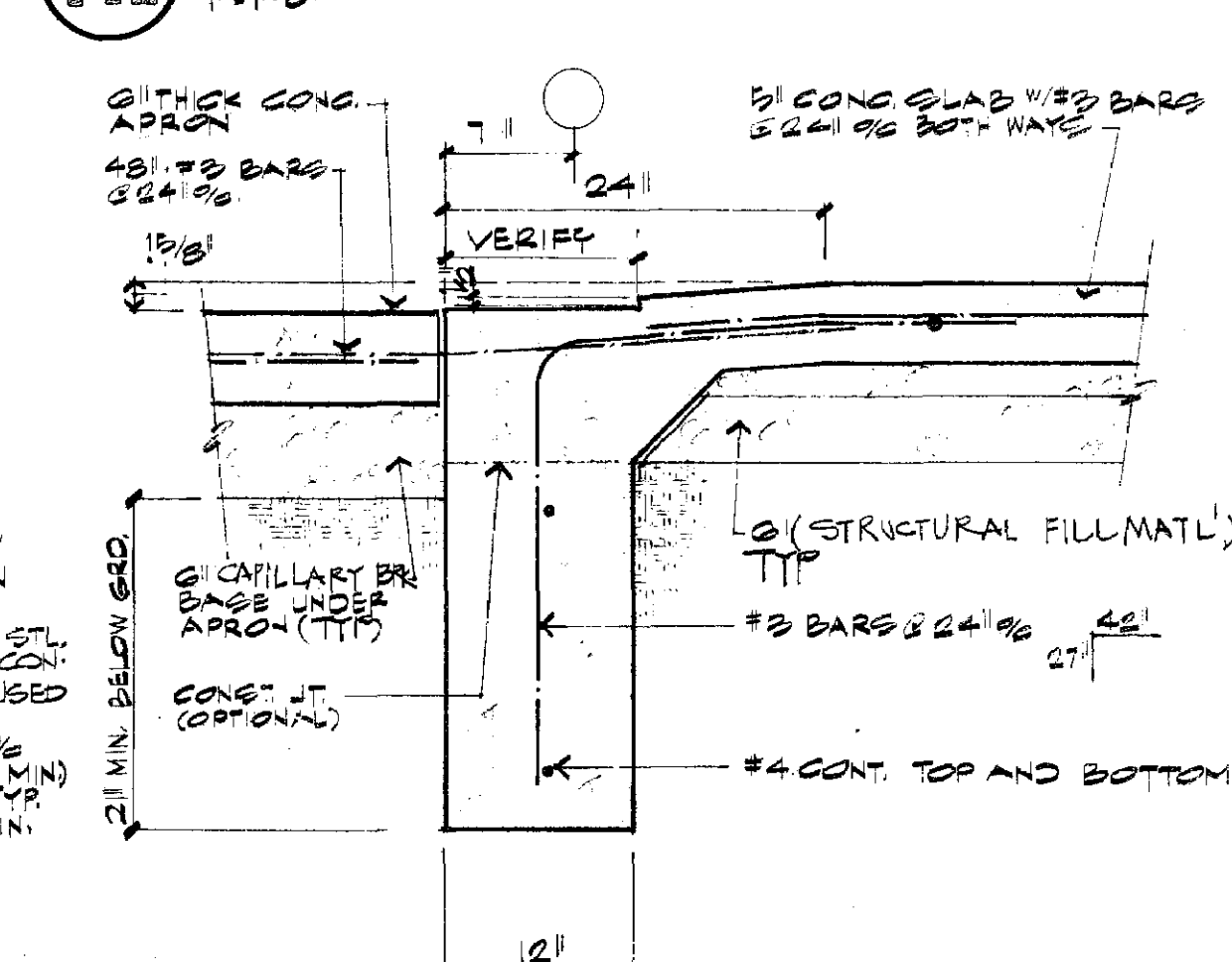
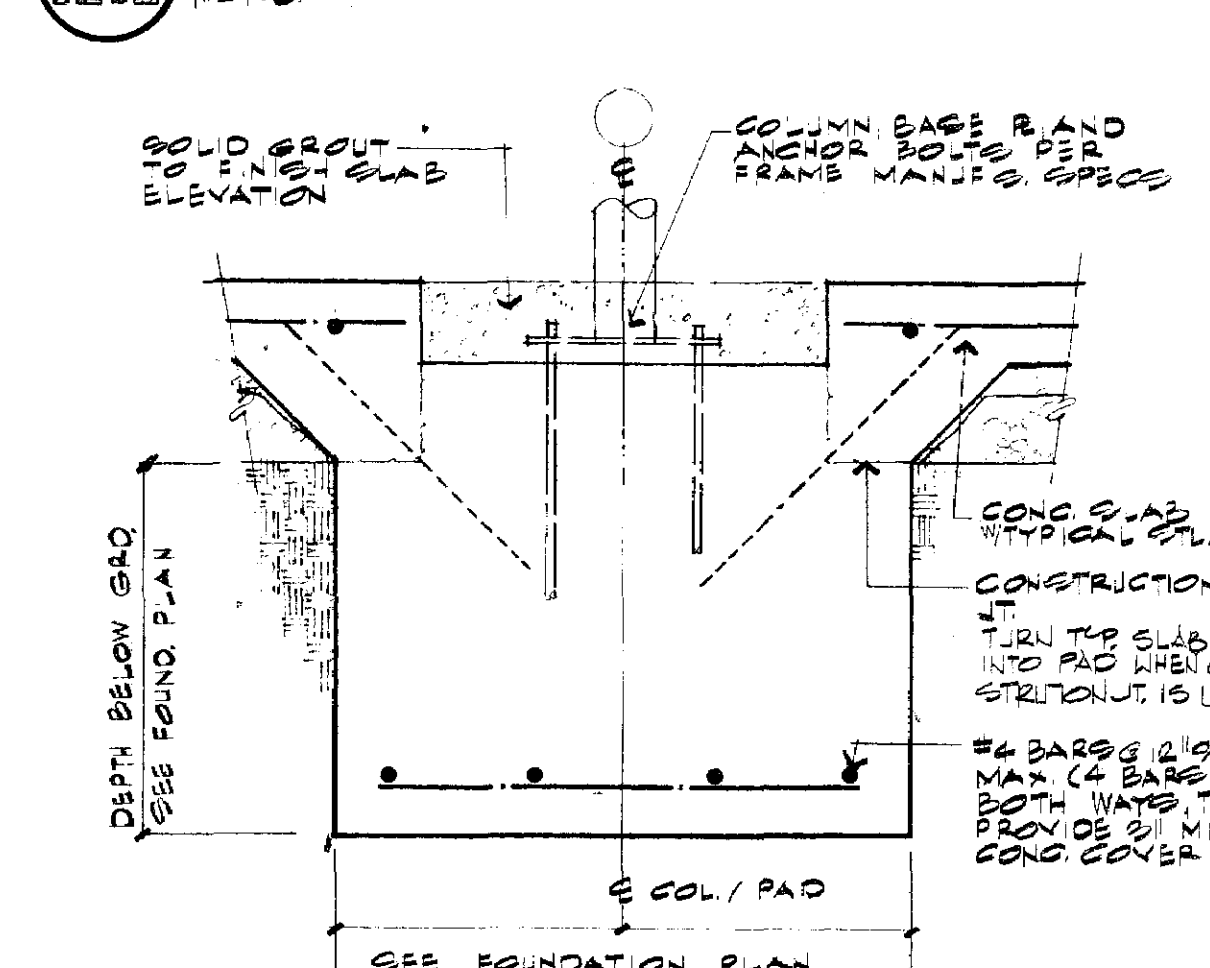
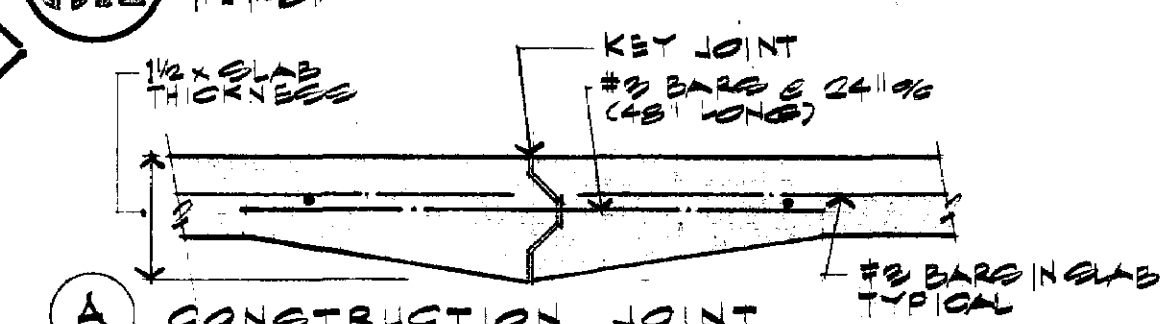
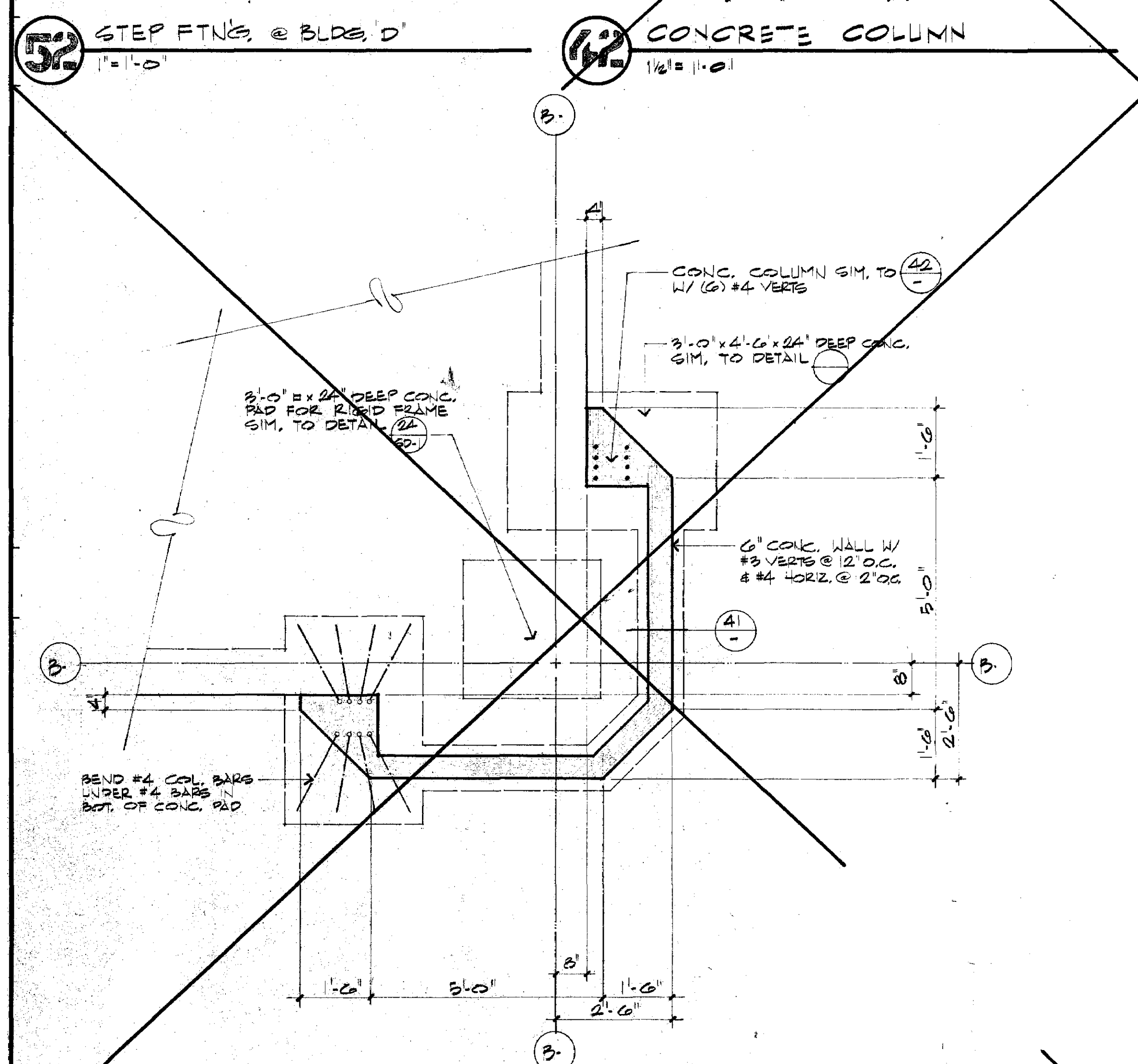
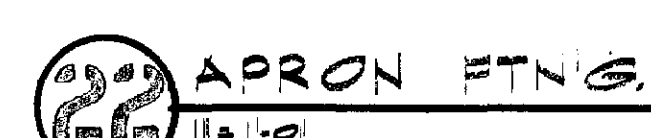
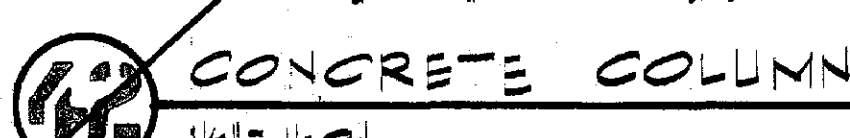
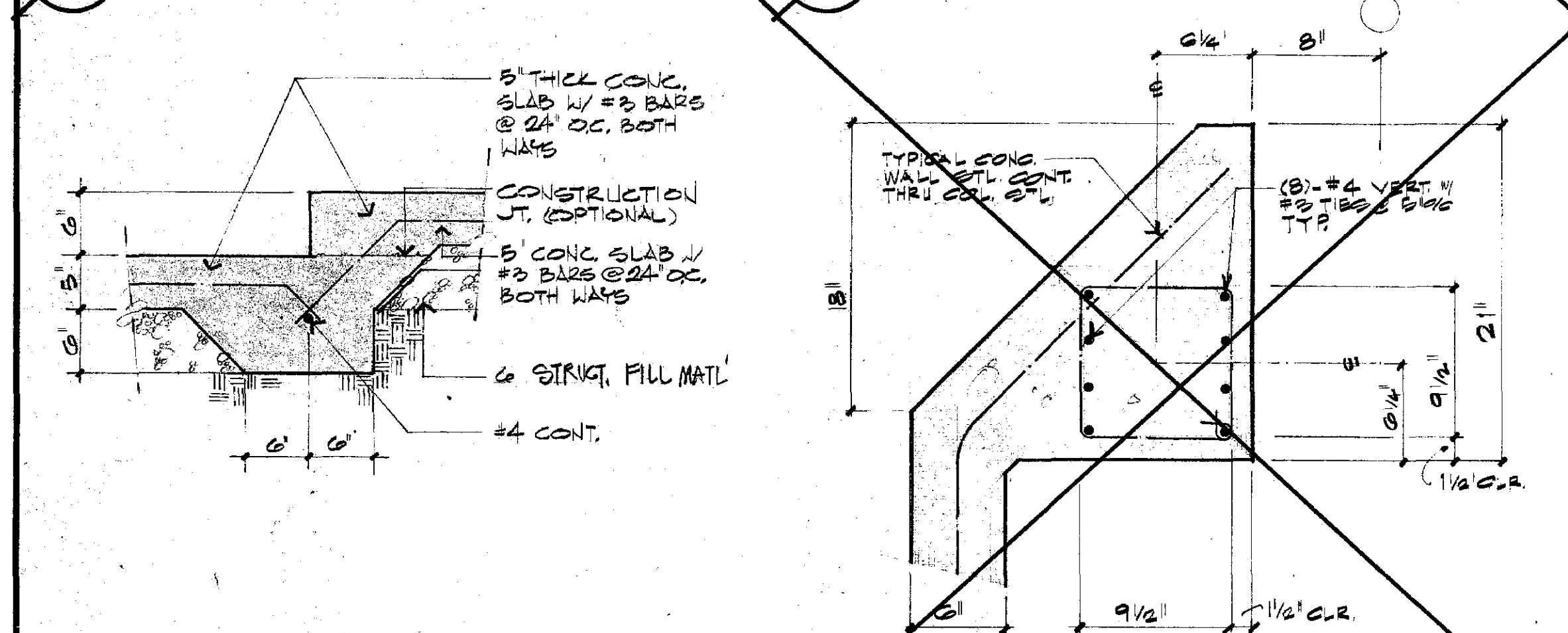
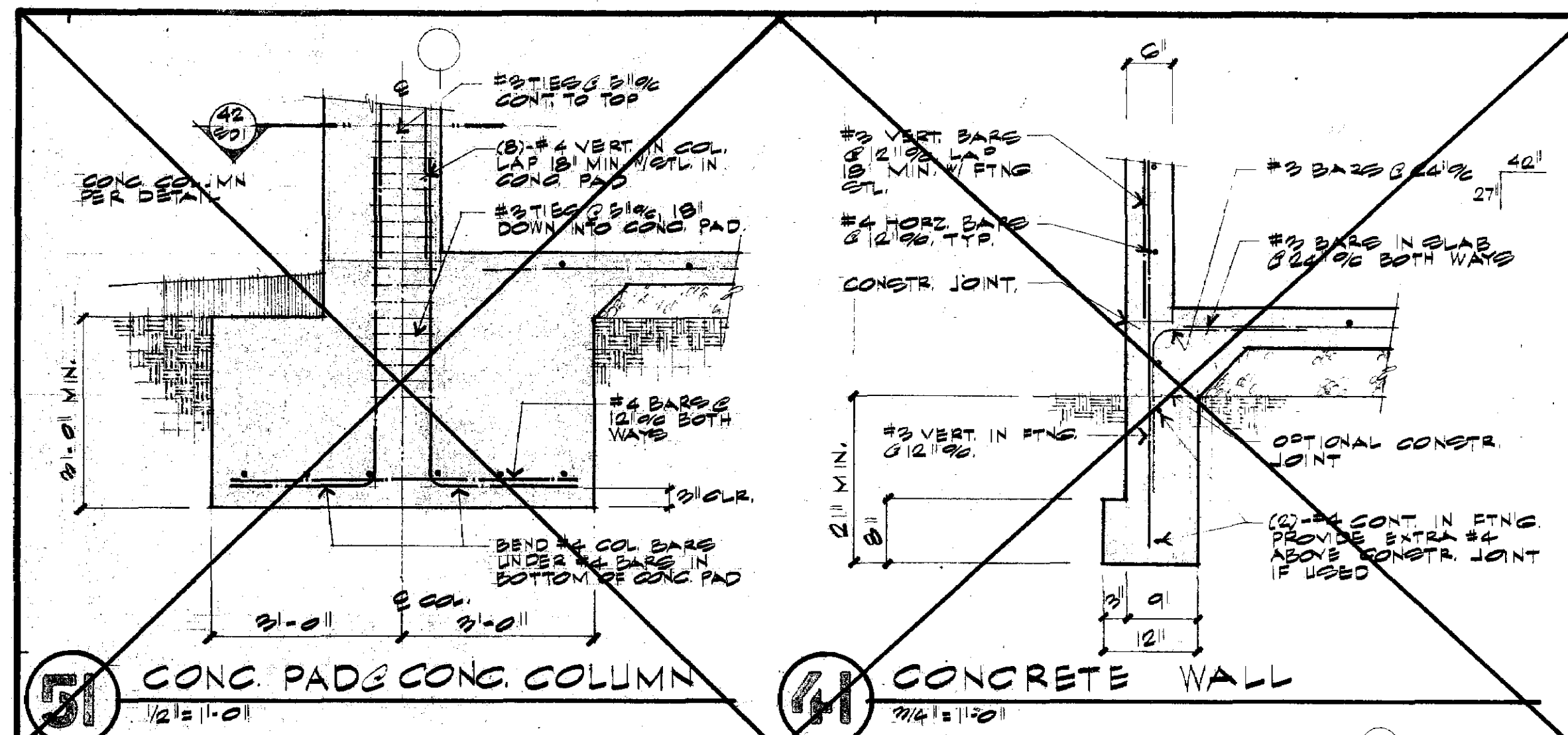
\* BY SHEET METAL CONTRACTOR  
SEE SPEC. DIV. 5-3.04, PG. 501  
" " DIV. 7-1.01, PG. 781

| REV | DATE | REVISION DESCRIPTION | DWN | CHK | APP |
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|------------------|-------------------------------------------------------------|-----------------------|
| DATE<br>10/24/83 | <b>SOULÉ BUILDINGS</b><br>A DIVISION OF SOULÉ STEEL COMPANY | JOB NO.<br>10-3-317 D |
| DRAWN BY<br>MR   |                                                             | PAGE<br>80 OF         |
| CHECKED BY<br>BJ |                                                             | REV.                  |
| APPROVED         |                                                             |                       |

JOB NAME: CORPORATION YARD  
FLAMMABLE STORAGE BLDG. "D"





**Ross Levin & MacIntyre Architects**  
RODNEY & LEVIN AIA  
KENNETH H. MACINTYRE AIA  
100 North St. San Luis Obispo, California 93401 (805) 543 2000

**CORPORATION YARD**  
CITY OF SAN LUIS OBISPO  
25 PRADO ROAD  
SAN LUIS OBISPO, CALIF.  
CITY PLAN NO. F-21A PHASE II  
REDUCTION NOT TO SCALE

**H.F. Mager Inc.**  
STRUCTURAL ENGINEERS  
1135 Marsh Street  
San Luis Obispo, Ca. 93401  
(805) 541-2193


 H. J. Mayor  
 Oct. 24, 1983

## FOUNDATION DETAILS

|           |                            |
|-----------|----------------------------|
| Drawn TGR | Checked <i>[Signature]</i> |
|-----------|----------------------------|

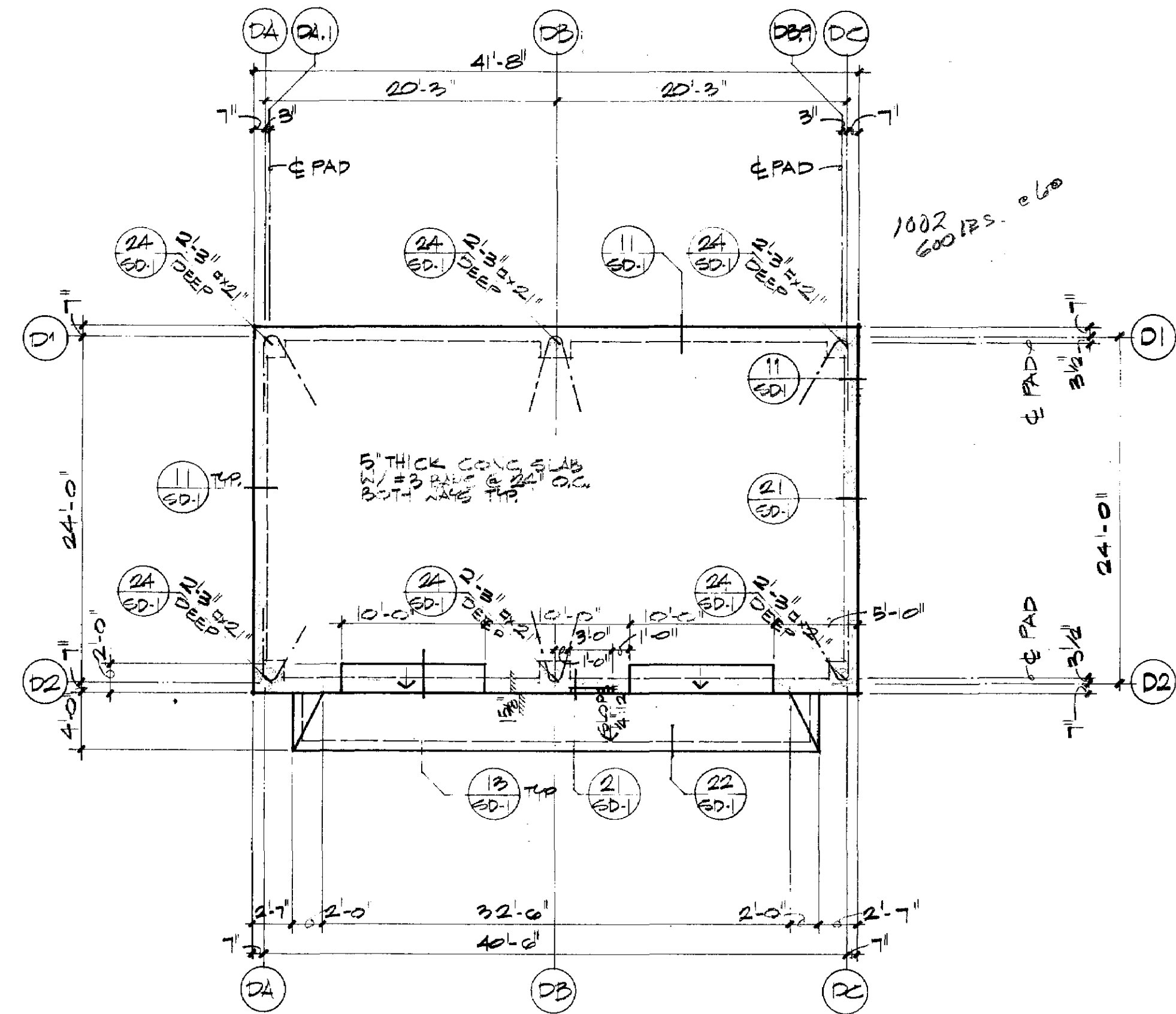
Date \_\_\_\_\_

Job No. - FY# 83006

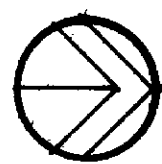
SDI

of 9 Sheets



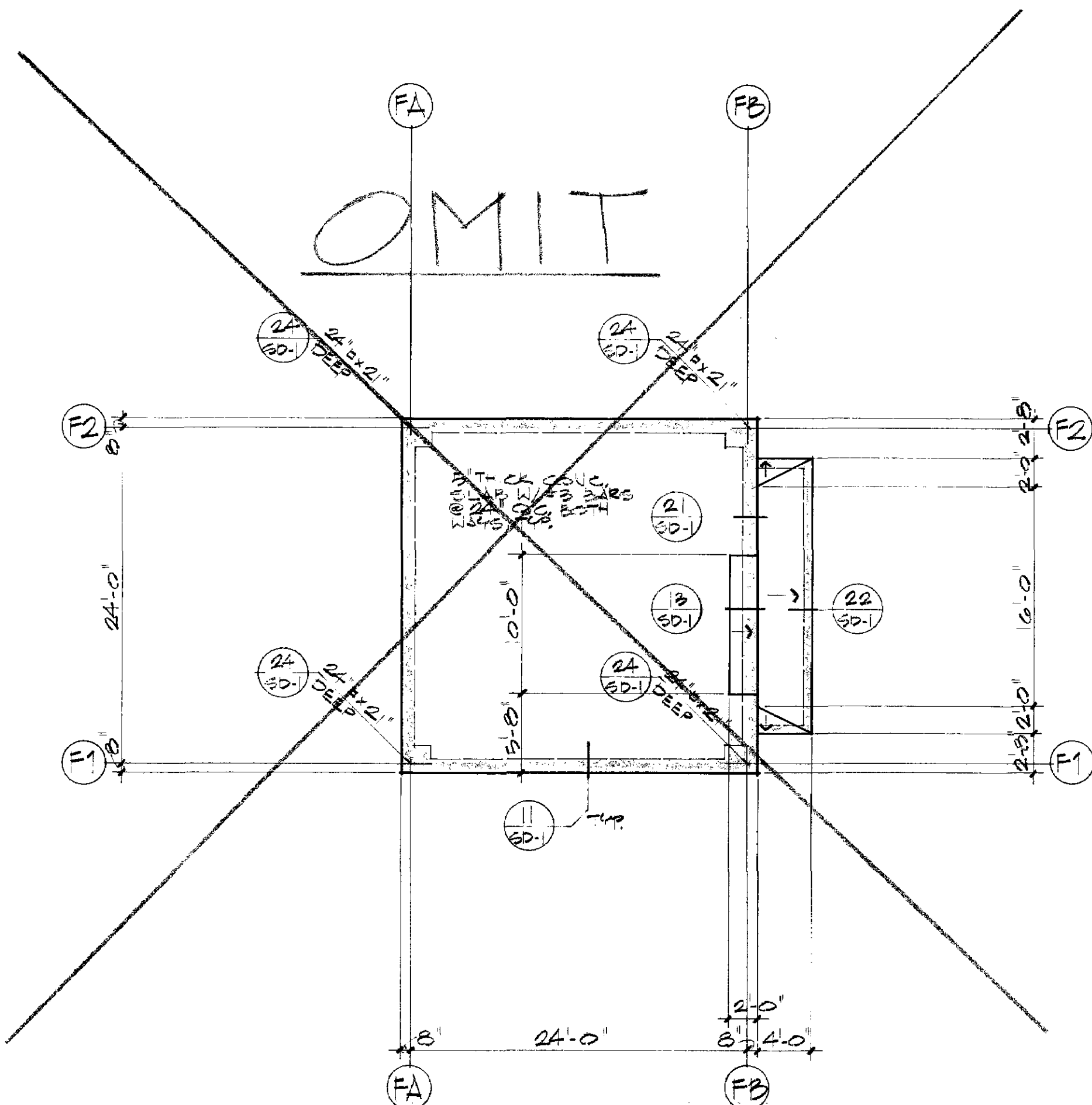


NOTE: See metal building manufacturer's plans and details for anchor bolt size and locations. Locate all pads shown on this plan at center of anchor bolt pattern shown on sheet 2D



FOUNDATION PLAN FLAMMABLE STORAGE BLDG. "D"

1/8" = 1'-0"



FOUNDATION PLAN TOXIC STORAGE BLDG. "F"

1/8" = 1'-0"

CORPORATION YARD  
CITY OF SAN LUIS OBISPO  
25 PRADO ROAD  
SAN LUIS OBISPO, CALIF.

H. F. Mager Inc.  
STRUCTURAL ENGINEERS  
1135 Marsh Street  
San Luis Obispo, Ca. 93401  
(805) 541-2193

*H. F. Mager*  
Oct 24, 1985

FLAMMABLE  
STORAGE  
BUILDING "D"  
FOUNDATION PLAN

Drawn *U.M.C.* Checked *H.M.*

Date \_\_\_\_\_

Job No. *HY-89000*

**SHI**

of 9 Sheets

Ross Levin & MacIntyre  
Architects  
JOHN R. ROSS, AIA  
ROSS & LEVIN, AIA  
KENNETH H. MACINTYRE, AIA  
1159 Marsh St., San Luis Obispo, California, 93401 (805) 543-1191

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