

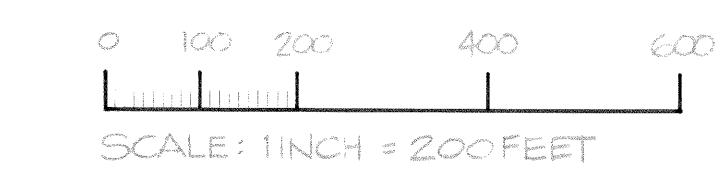
**SITE PLAN**  
SCALE: 1" = 200'-0"

REF. SHT. C2 FOR WORK WHICH IS N.L.C. IN THE BURN AREA.

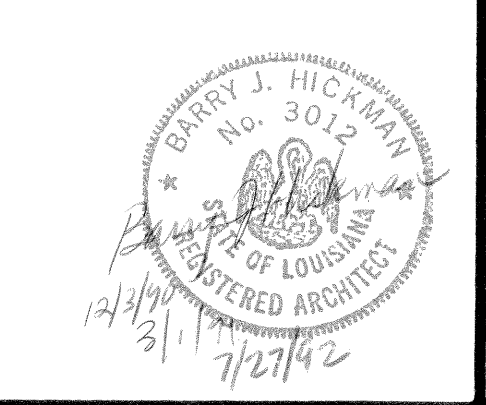
**LEGEND**

**SPECIAL NOTES (PERTAINING TO ALL BUILDINGS)**

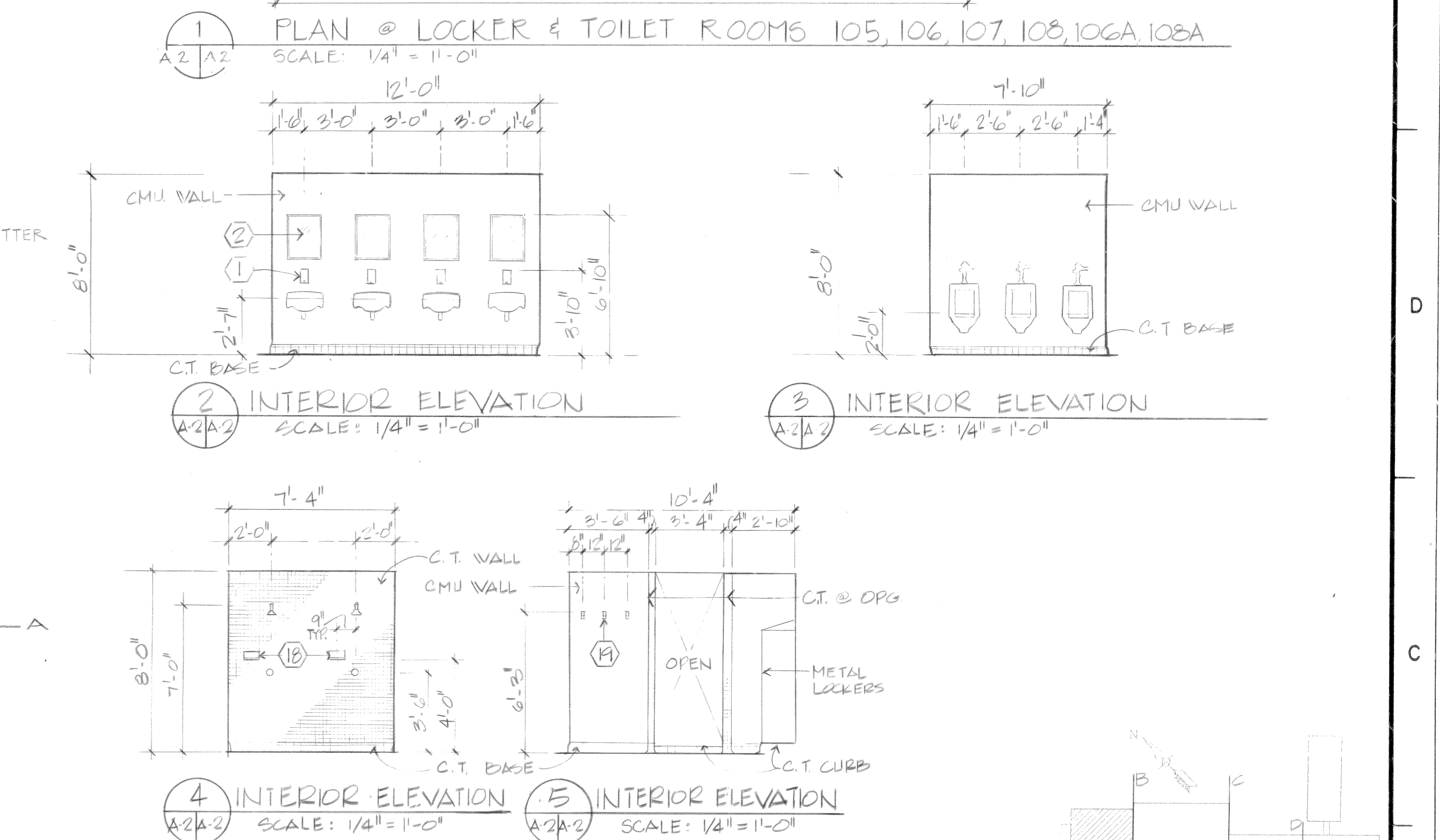
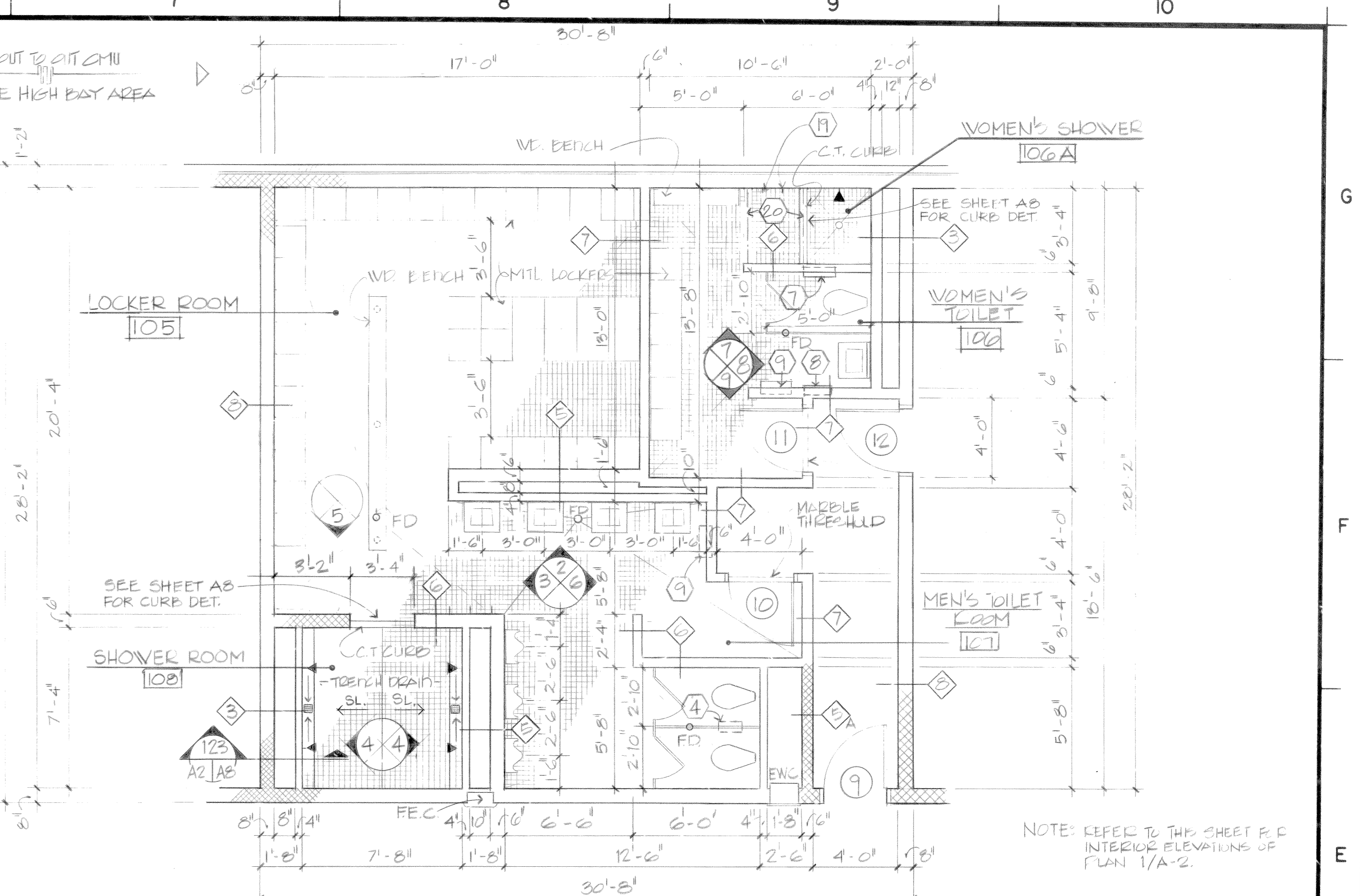
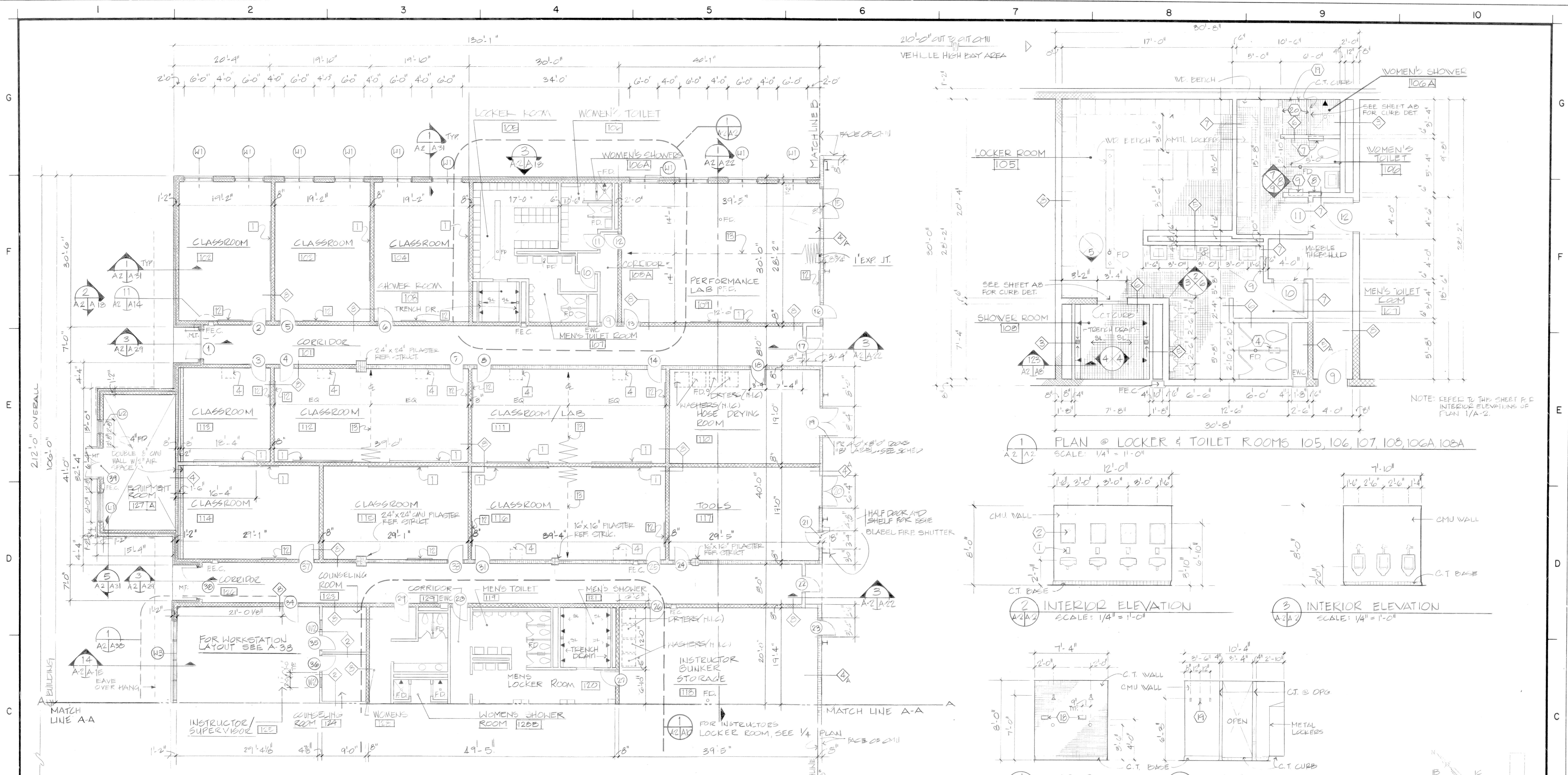
- |   |  |
|---|--|
| 1 - LOC. MARKER BOARD, REF. A-23 FOR DETAIL   | 11 - SURFACE MTD. LATHER SOAP DISPENSER (SD)   |
| 2 - BULLETIN BOARDS REF. SHEET, A-24 FOR DETAIL   | 12 - SURFACE MTD. 5/8" CHANNEL FRAME MIRROR (MG)   |
| 3 - BREAK ROOM CABINET UNIT REF. A-24 FOR DETAIL  | 13 - SURFACE MTD. PLATE GLASS MIRROR   |
| 4 - FOLD UP SLIDE PROJECTOR SHELF, REF. A-25  | 14 - PARTITION MTD. SEAT COVER/TOILET TISSUE DISPENSER - DUAL (PMTTD) - (4) SINGLE (PMTTDS)                      |
| 5 - ACCESS FLOORING, REF. A-25  | 15 - RECESSED SEAT COVER / TOILET TISSUE DISPENSER (RTTD)  |
| 6 - BUILDING IDENTIFICATION NUMBER, REF. SHEET, A-41  | 16 - PARTITION MTD. SEAT COVER/NAPKIN DISPOSAL/TOILET TISSUE DISPENSER - DUAL (PMTTDFND) - (2) SINGLE (PMTTDFND) |
| 7 - FACILITY IDENTIFICATION SIGN REF. SHEET, A-41   | 17 - RECESSED SEAT COVER/NAPKIN DISPOSAL/TOILET TISSUE DISPENSER (RTTDFND)                                       |
| 8 - INTERIOR ROOM NO. SIGN WITH DESCRIPTION, REF. SHEET, A-41                               | 18 - RECESSED COMBINATION FEMININE NAPKIN/TAMPON VENDOR (SNTD)   |
| 9 - INTERIOR ROOM NO. SIGN, REF. SHEET, A-41  | 19 - SEMI-RECESSED PAPER TOWEL DISPENSER/WASTE RECEPTACLE (PTDHC)  |
| 10 - INTERIOR TOILET ROOM SIGN, REF. SHEET, A-41  | 20 - 1 1/4" DIA. 5/8" GRAB BAR - 36" LONG (GB)   |
| 11 - HANDICAPPED SYMBOL, REF. SHEET, A-41   | 21 - 1 1/4" DIA. 5/8" GRAB BAR - 42" LONG (GB)   |
| 12 - COAT HOOK STRIP, REF. SHEET, A-25  | 22 - LAVATORY MTD. SOAP DISPENSER (LMSD)   |
| 13 - FOLDING PARTITION, REF. SHEET, A-25  | 23 - 5/8" CHANNEL TILTING MIRROR (MT)  |
| 14 - LAB TABLE, REF. SHEET, A-42  | 24 - SURFACE MTD. PAPER TOWEL DISPENSER (PTD)  |
| 15 - SELF CONTAINED BREATHING APPARATUS (SCBA) AIR CYLINDER STORAGE RACKS, REF. SHEET, A-42 | 25 - SURFACE MTD. WASTE RECEPTACLE (WR)  |
| 16 - FACE MASKS RACKS, REF. SHEET, A-42   | 26 - SURFACE MTD. TOILET TISSUE DISPENSER (2 ROLLS) (TTD)  |
| 17 - PROJECTION SCREEN, 8'-0" x 8'-0" MOUNTED ABOVE CEILING - ELECT. OPERATION - REF. SPEC. | 27 - MOP HANGER - 24" LONG (MHS)   |
|   | 28 - SOAP DISH - S/S   |
|   | 29 - ROBE HOOK - S/S   |
|   | 30 - SHOWER ROD - S/S  |



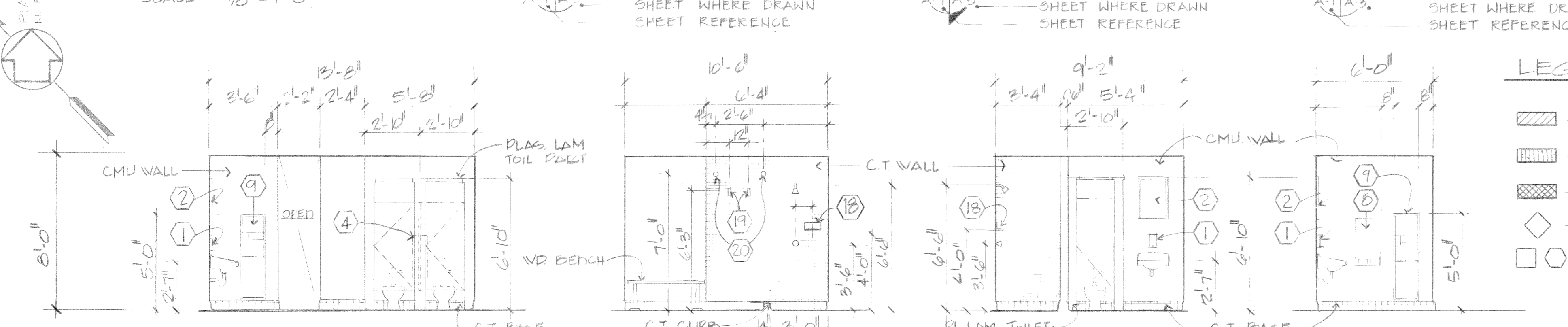
|  |  |   |
|--|--|---|
| REVISION TO PARKING & VEH. MAIN. BLDG<br>AM#0004 3/24/92   |  | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS  |
| REVISOR: AM#0001 4 JUN 92<br>REVISION TO REFLECT W.I. CHANGES  |  |   |
| <b>WALK, HAYDEL &amp; ASSOC. INC.</b><br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE  |  |   |
| DESIGNED BY: L.E.<br>DRAWN BY: V.E.<br>REVIEWED BY: C.M.   |  |   |
| GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS<br><b>FIRE TRAINING COMPLEX</b><br>SITE PLAN - ARCHITECTURAL<br>LEGENDE AND SPECIAL NOTES |  |   |
| SUBMITTED BY: [Signature] 12/14/92<br>ENGINEER: [Signature] 12/14/92   |  | SOL. NO. 14-2463-92-B-0109 DATED: JUN 1992<br>CONTR. NO. 2463-92-C-0155 SEQUENCE NO. 35<br>DRAWING NUMBER A1 OF 62 SHEET NO. 35 |



CONTR. NO. 2463-92-C-0155



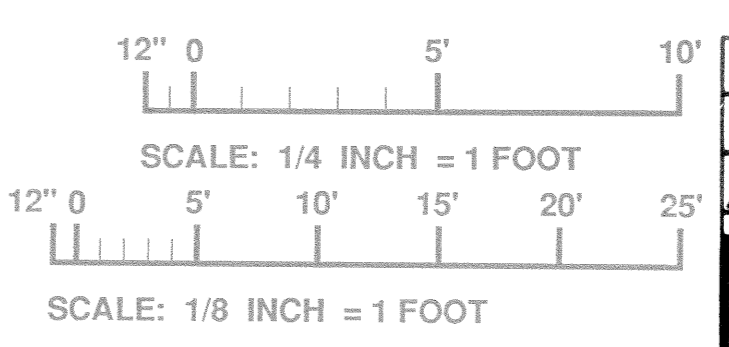
**FLOOR PLAN**  
SCALE: 1/8" = 1'-0"



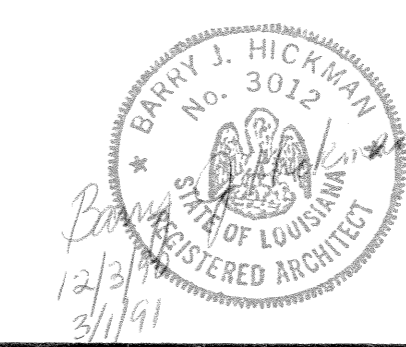
**6 INTERIOR ELEVATION** SCALE: 1/4" = 1'-0"  
**7 INTERIOR ELEVATION** SCALE: 1/4" = 1'-0"  
**8 INTERIOR ELEVATION** SCALE: 1/4" = 1'-0"  
**9 INTERIOR ELEVATION** SCALE: 1/4" = 1'-0"

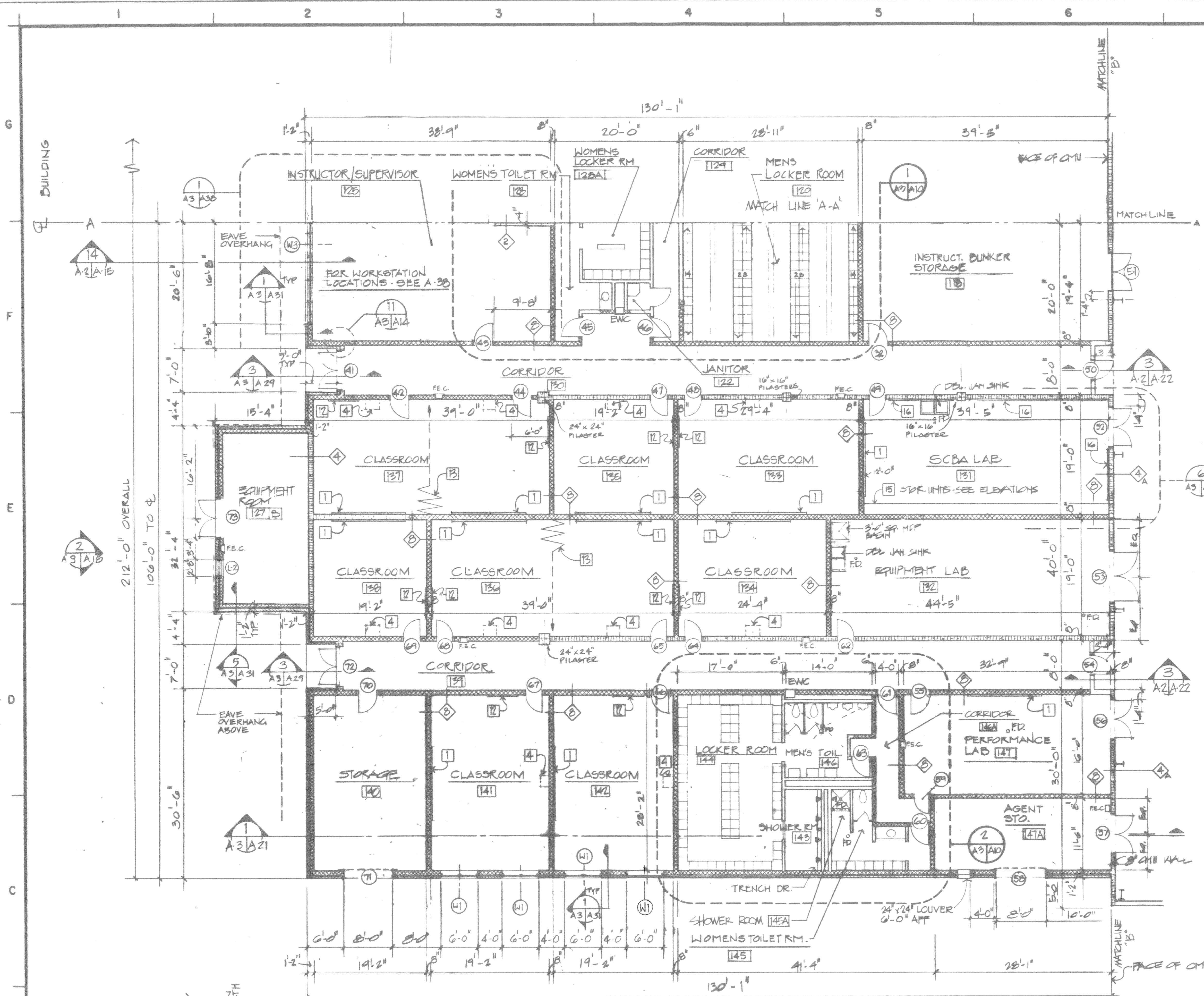
**LEGEND**

- BRICK
- CMU AT HEIGHTS ABOVE 13'-4"
- CMU TO 13'-4"
- PARTITION TYPES, RE: SHEET A-23
- SPECIAL NOTES, RE: SHEET A-1

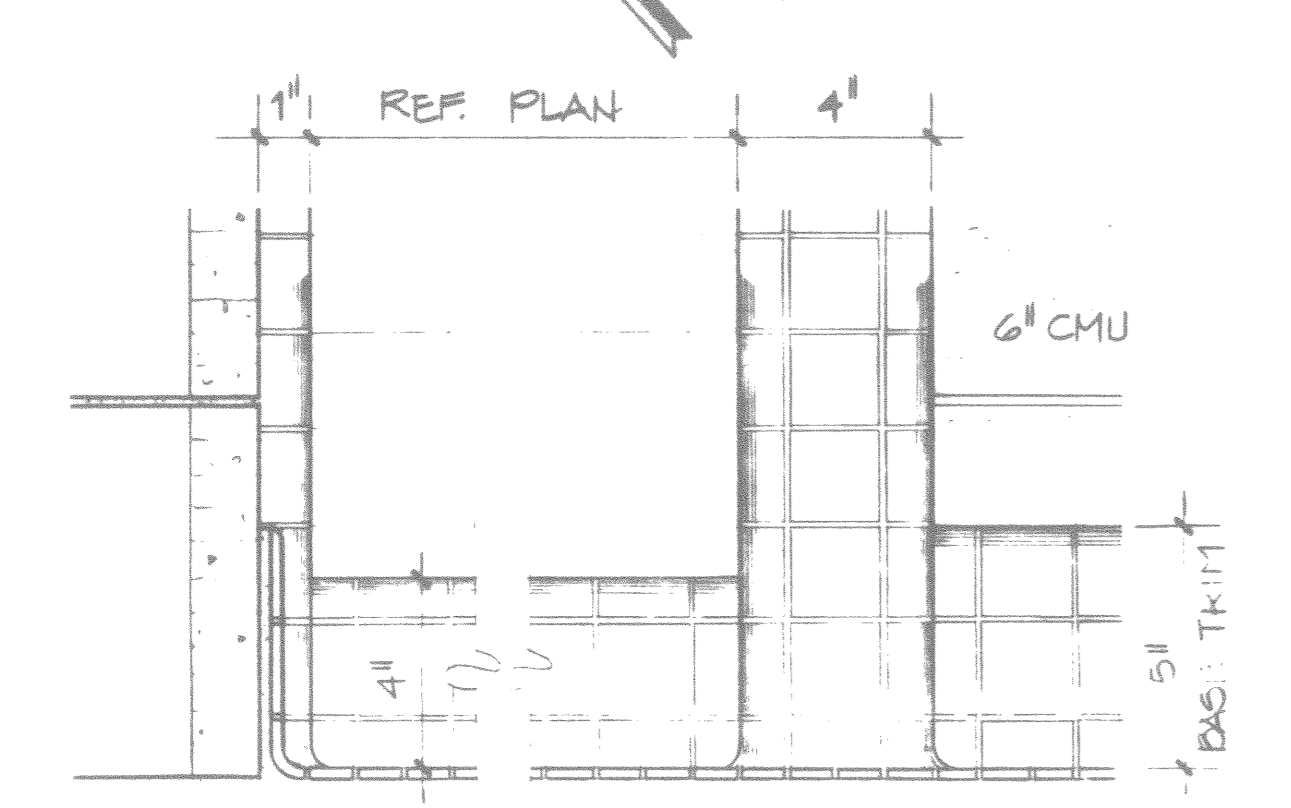
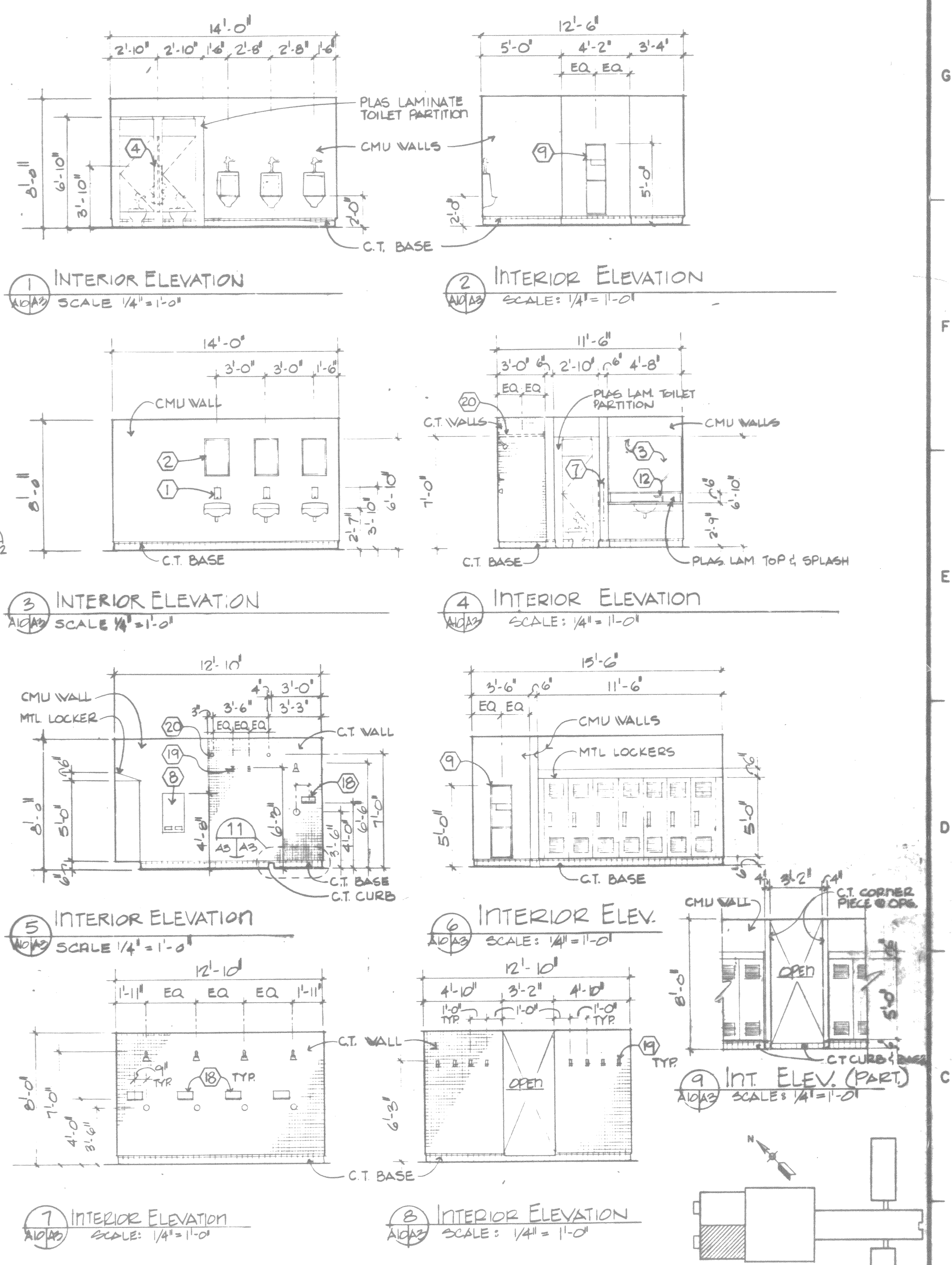


|  |  |  |  |
|--|--|--|--|
| WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE           |  | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS |  |
| DESIGNED BY: L.E.<br>DRAWN BY: G.M.<br>REVIEWED BY: G.M.<br>SUBMITTED BY: G.M.                   |  |  |  |
| GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS<br><b>FIRE TRAINING COMPLEX</b><br>1/2 FLOOR PLAN |  |  |  |
| SOL. NO. 92-B-0109<br>DATED: JUN. 1992   |  | CONTR. NO. 92-B-0109-015<br>SHEET NO. A2 OF 62                                     |  |

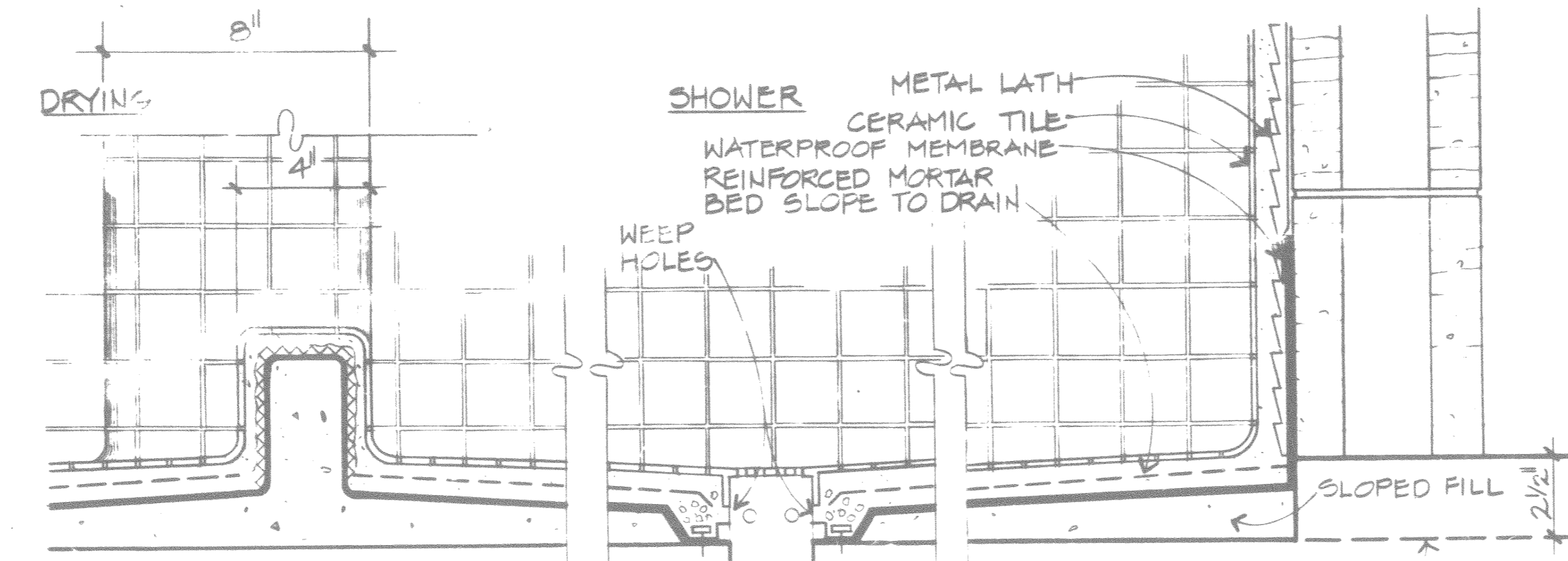




**FLOOR PLAN**  
SCALE 1/8" = 1'-0"

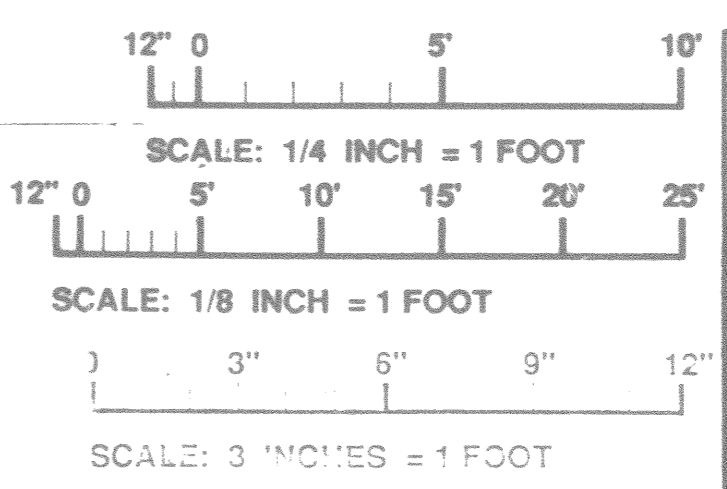


**10** DETAIL SHOWER CURB ELEV.  
SCALE 3/8" = 1'-0"  
ROOM # 207



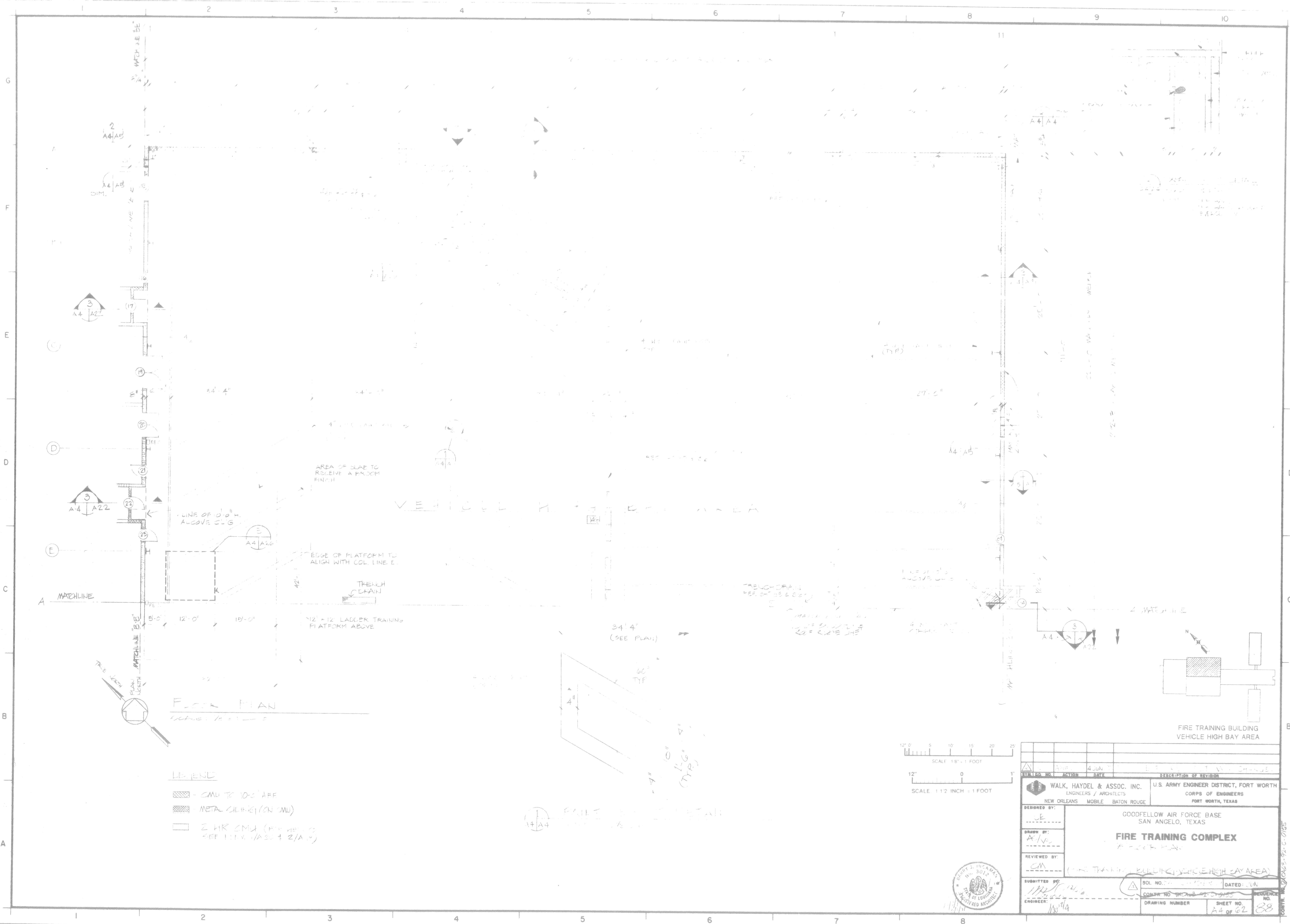
**11** TYPICAL WOMEN'S SHOWER CUBICLE  
SCALE 3/8" = 1'-0"  
SEE FOUNDATION PLANS FOR EXTENT OF DEEPENED SLAB AREA

- LEGEND**
- BRICK
  - CMU TO HEIGHTS ABOVE 13'-4" REF. STRUCT. DWGS. & ARCH. SECTIONS
  - CMU TO 13'-4" A.F.F.
  - DETAIL NUMBER
  - PLAN DETAIL
  - SHEET WHERE DRAWN
  - SHEET REFERENCE
  - PARTITION TYPES, RE. SHEET A-2
  - DETAIL NUMBER
  - SECTION
  - SHEET WHERE DRAWN
  - SHEET REFERENCE
  - SPECIAL NOTES, RE. SHEET A-1



**FIRE TRAINING BUILDING  
BLK III - CRASH WING**

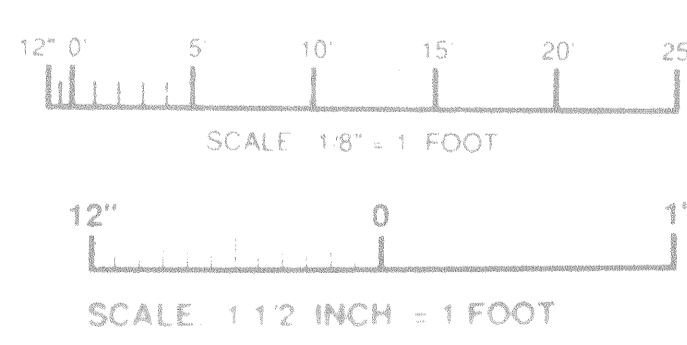
|  |  |
|--|--|
| AM#0001 4 JUN 12 REVISED TO REFLECT W.I. CHANGES                                       |  |
| DESCRIPTION OF PROJECT   |  |
| WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS |
| DESIGNED BY: L.E.  |  |
| DRAWN BY: A.A.   |  |
| REVIEWED BY: C.M.  |  |
| <b>FIRE TRAINING COMPLEX</b><br>1/2 FLOOR PLAN   |  |
| (FIRE TRAINING BUILDING - BLK III - CRASH WING)  |  |
| SUBMITTED BY: [Signature]  |  |
| SOL. NO. DACAG3-92-B-0109 DATED: JUN. 1992   |  |
| CONTR. NO. DACAG3-92-C-0155  |  |
| DRAWING NUMBER   | SHEET NO. 87   |



**FLOOR PLAN**  
 VEHICLE HIGH BAY AREA

**LEGEND**

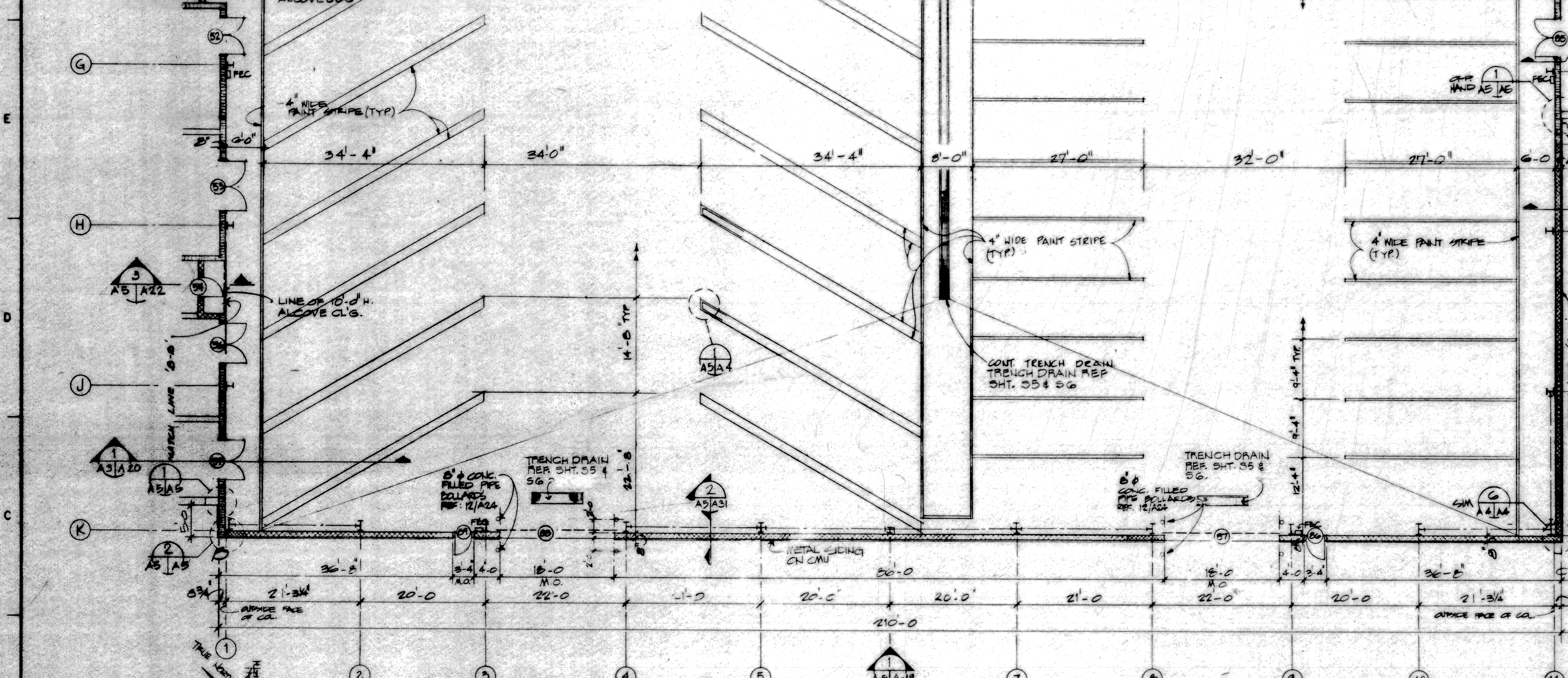
- CMU TO 10'-0" AFF
- METAL SILING (ON CMU)
- 2 HR CMU (SEE H.E.V. 1/32 & 2/A)



|  |  |  |                          |
|--|--|--|--------------------------|
| WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE |  | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS |                          |
| DESIGNED BY: <i>JE</i>   |  | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS                                     |                          |
| DRAWN BY: <i>A/V</i>   |  | <b>FIRE TRAINING COMPLEX</b><br>FLOOR PLAN   |                          |
| REVIEWED BY: <i>CM</i>   |  | (LADDER TRAINING BUILDING VEHICLE HIGH BAY AREA)                                   |                          |
| SUBMITTED BY: <i>[Signature]</i>   |  | SOL. NO. <i>1000</i>   | DATED: <i>JUN 4 1962</i> |
| ENGINEER: <i>[Signature]</i>   |  | COMP. NO. <i>1000</i>  | RESUB. NO.               |
| DRAWING NUMBER   |  | SHEET NO. <i>A4</i>  | OF <i>62</i>             |
|  |  |  |                          |



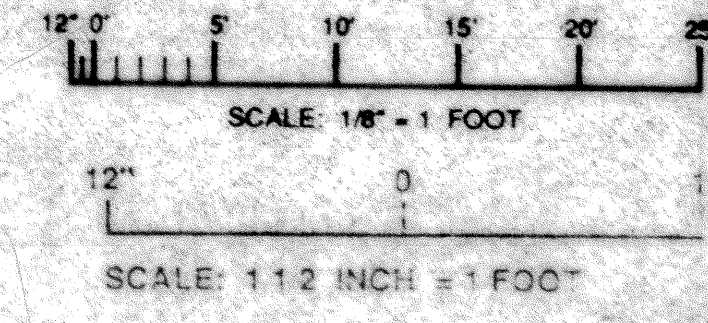
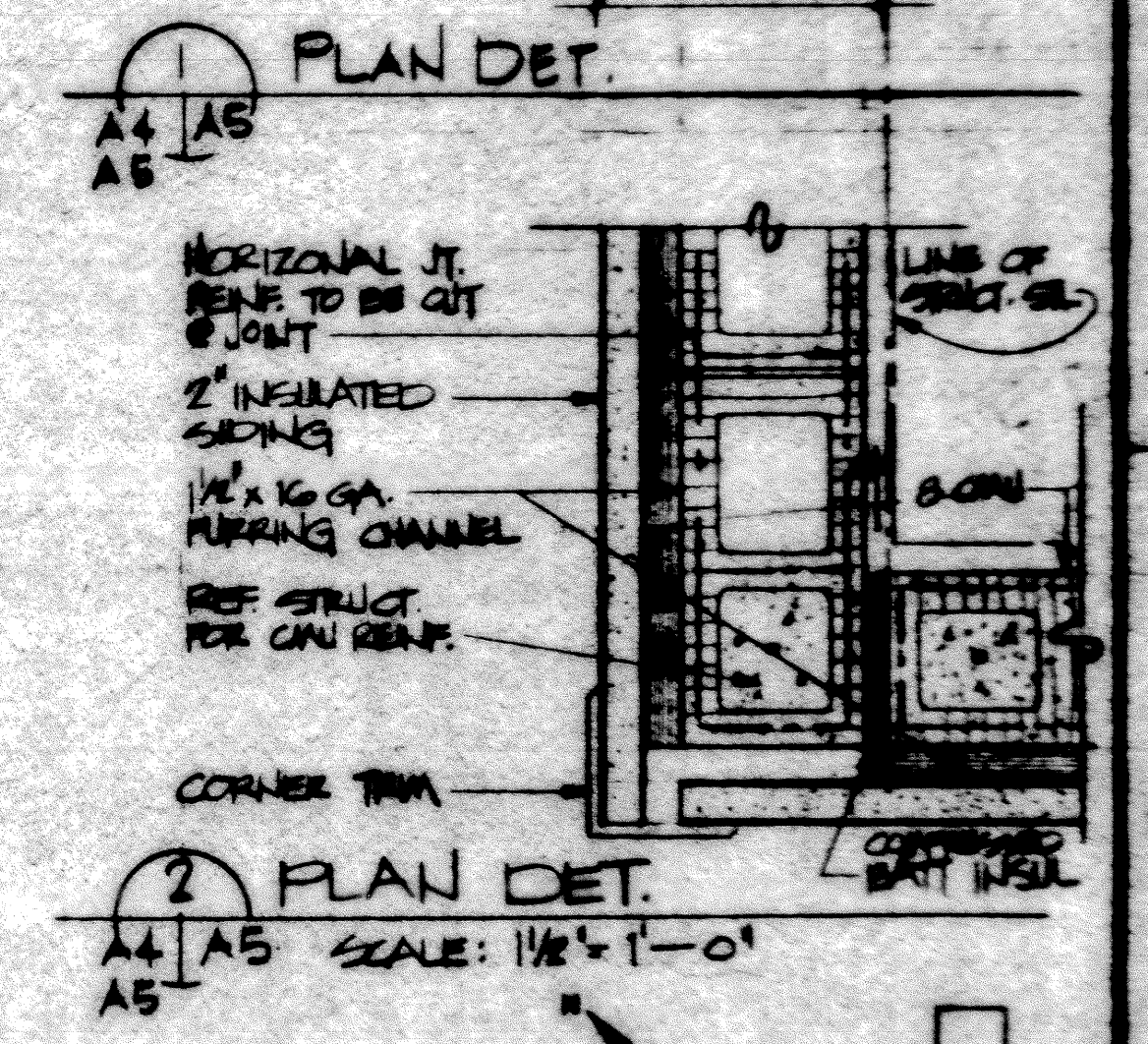
COUNT NO. 100003-15-C-0155



**FLOOR PLAN**  
SCALE: 1/8" = 1' - 0"

**LEGEND**

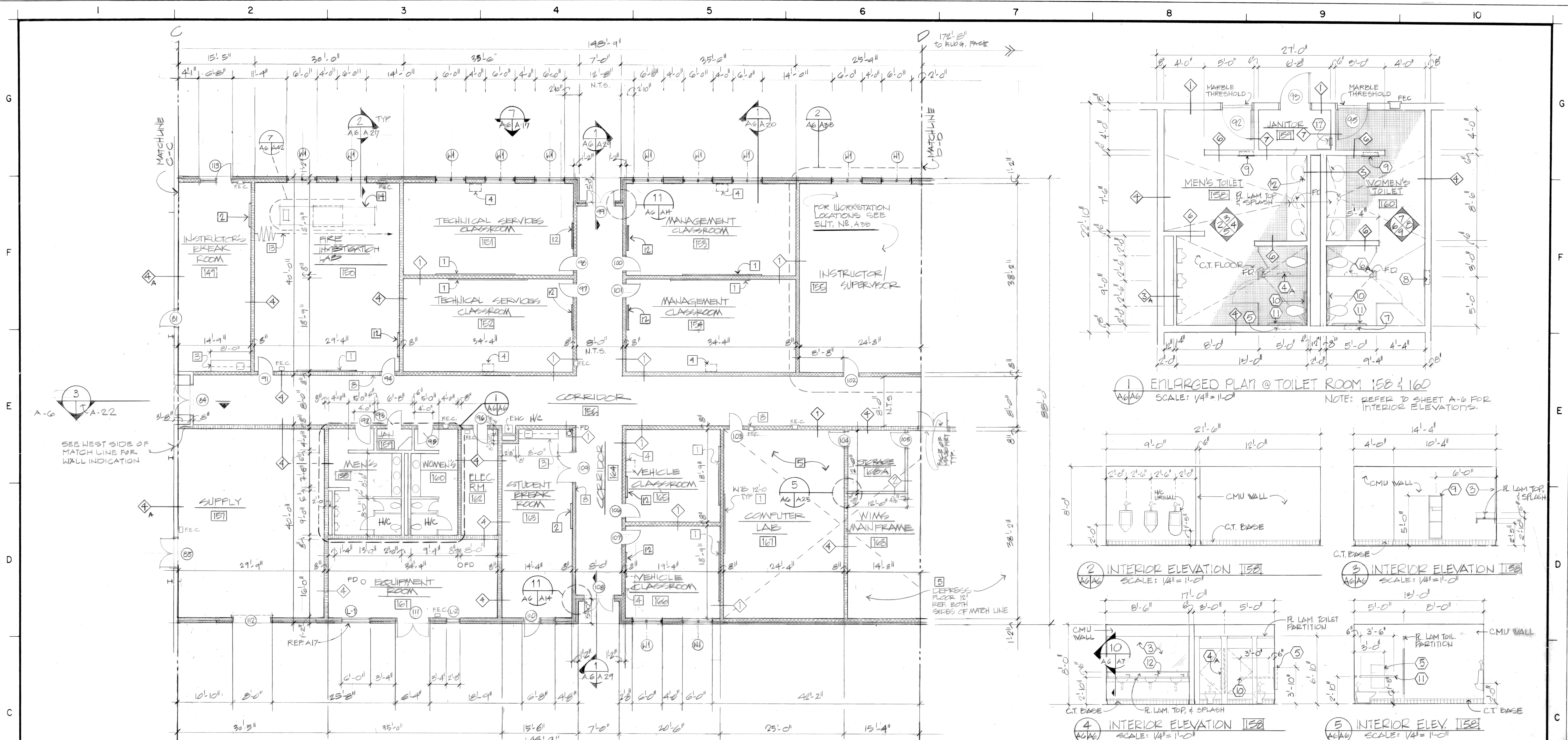
- 2 HR RATED CMU (SEE ELEV 1/A20 & 2/A18)
- CMU TO 100' A.F.F.
- METAL SIDING (ON CMU)
- DETAIL NUMBER
- ELEVATION
- SHEET WHERE DRAWN
- SHEET REFERENCE



|  |  |
|--|--|
| AM#0001 JUN. 92 REVISED TO REFLECT W.I. CHANGES  |  |
| WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS |
| DESIGNED BY: LE  | GOODFELLOW AIR FORCE BASE, SAN ANGELO, TEXAS                                       |
| DRAWN BY: A/V/E  | <b>FIRE TRAINING COMPLEX</b><br>VEHICLE HIGH BAY AREA                              |
| REVIEWED BY: CM  | (FIRE TRAINING BUILDING VEHICLE HIGH BAY AREA)                                     |
| SUBMITTED BY: [Signature]  | SOL. NO. DALAG3-92-B-0101 DATED: JUN. 1992   |
| ENGINEER: [Signature]  | DRAWING NUMBER: A5 OF 62 89  |



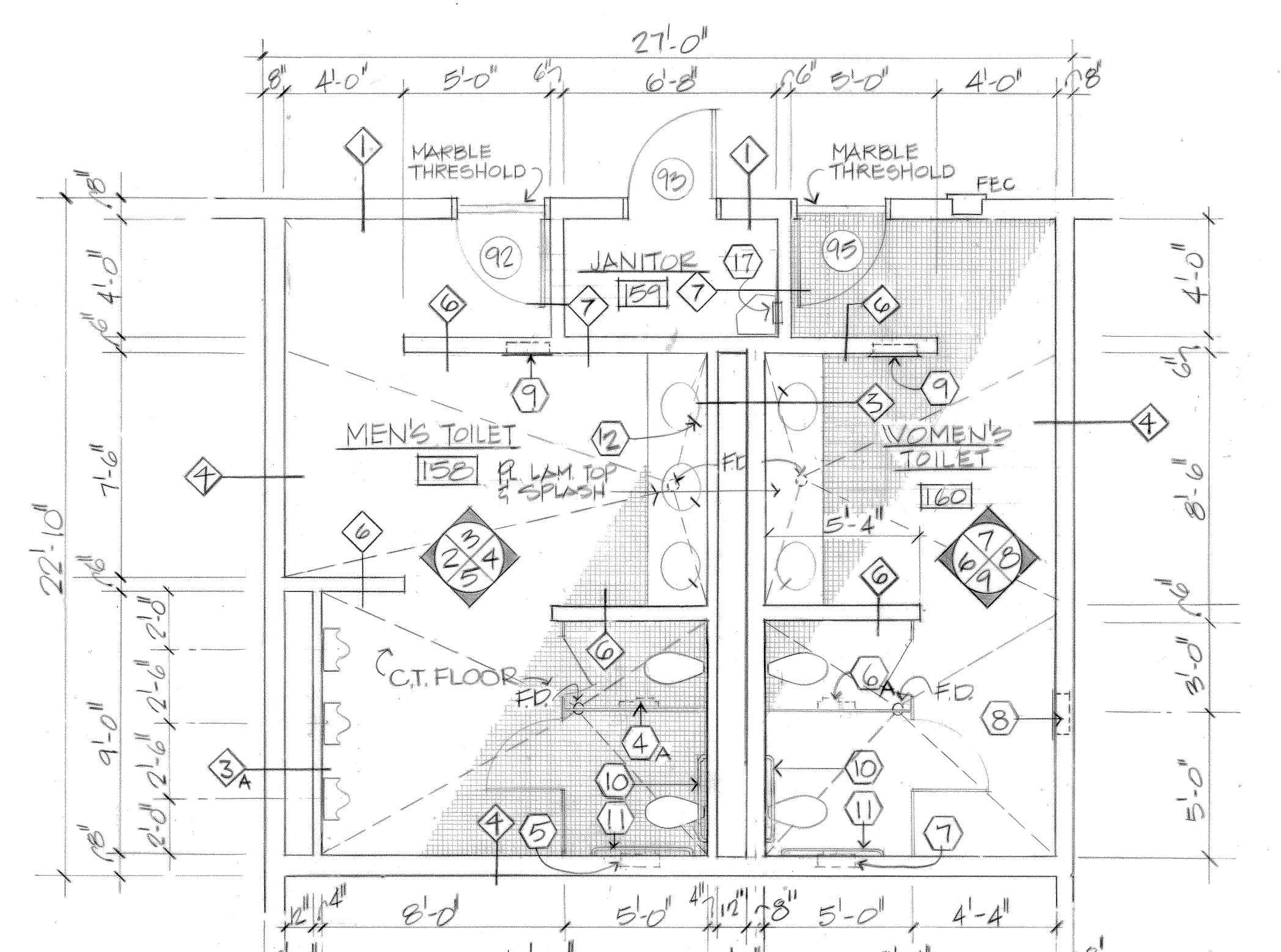
DDG5-92-C-0155



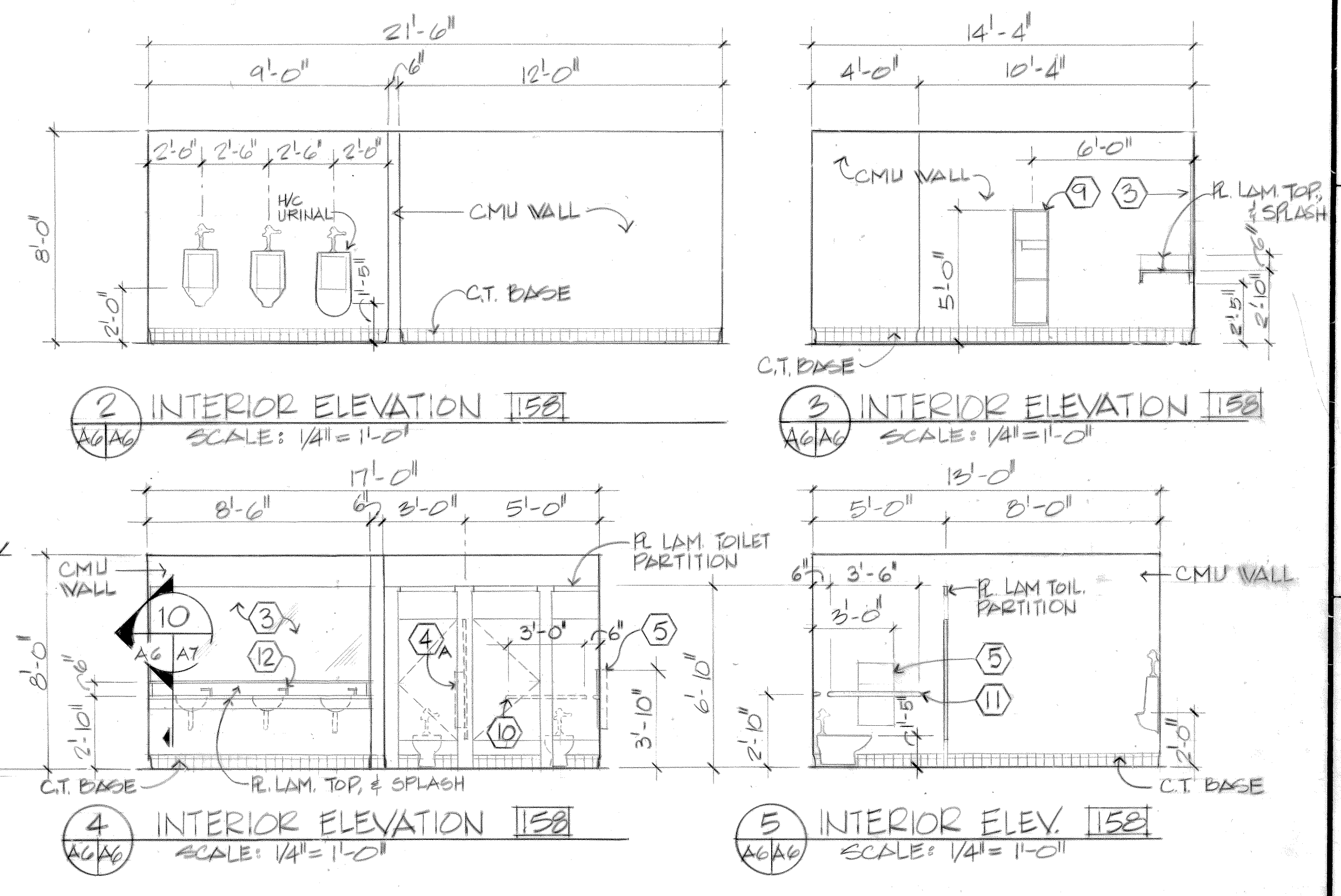
**FLOOR PLAN**  
SCALE: 1/8" = 1'-0"

**LEGEND**

- BRICK
- CMU TO UNDERSIDE OF ROOF DECK
- CMU TO 12'-0" AFF. TYP
- DETAIL NUMBER
- PLAN DETAIL
- SHEET WHERE DRAWN
- SHEET REFERENCE
- DETAIL NUMBER
- WALL ELEVATIONS, INTERIOR
- SHEET WHERE DRAWN
- SHEET REFERENCE
- PARTITION TYPES, RE: SHEET A23
- SECTION
- DETAIL NUMBER
- SHEET WHERE DRAWN
- SHEET REFERENCE
- SPECIAL NOTES, RE: SHEET A1



**1 ENLARGED PLAN @ TOILET ROOM 158 & 160**  
SCALE: 1/4" = 1'-0"  
NOTE: REFER TO SHEET A-6 FOR INTERIOR ELEVATIONS.

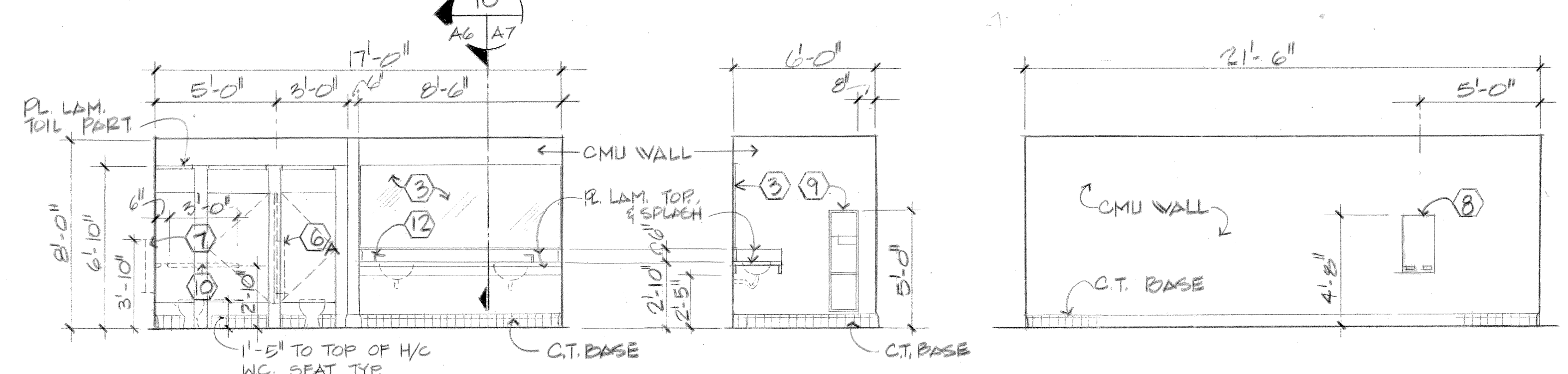


**2 INTERIOR ELEVATION 158**  
SCALE: 1/4" = 1'-0"

**3 INTERIOR ELEVATION 159**  
SCALE: 1/4" = 1'-0"

**4 INTERIOR ELEVATION 160**  
SCALE: 1/4" = 1'-0"

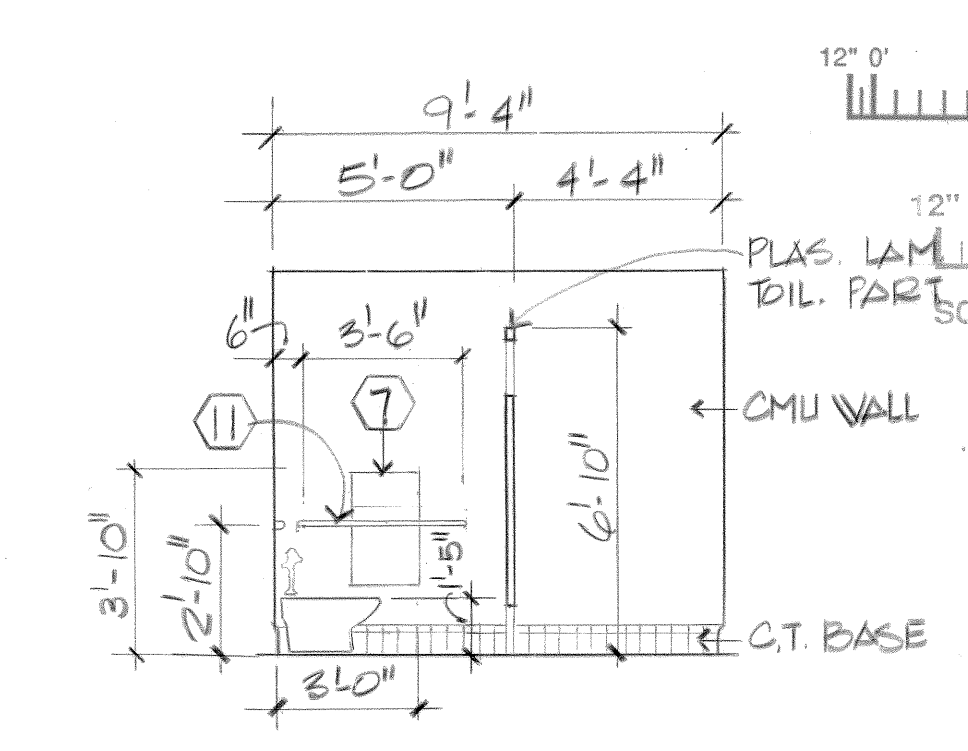
**5 INTERIOR ELEV. 161**  
SCALE: 1/4" = 1'-0"



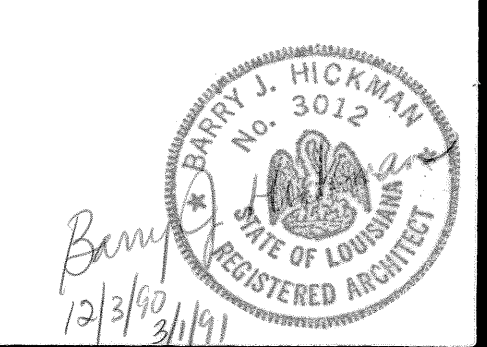
**6 INTERIOR ELEV. 160**  
SCALE: 1/4" = 1'-0"

**7 INT. ELEV. 160**  
SCALE: 1/4" = 1'-0"

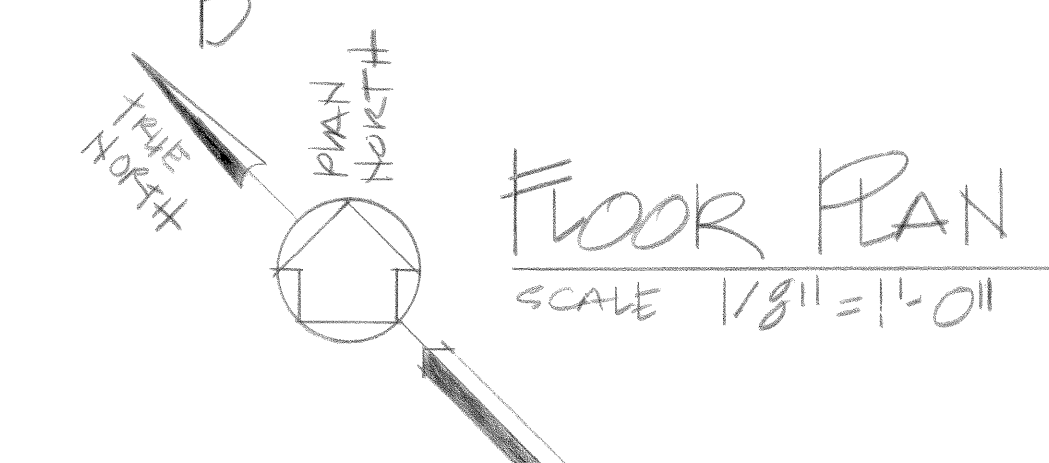
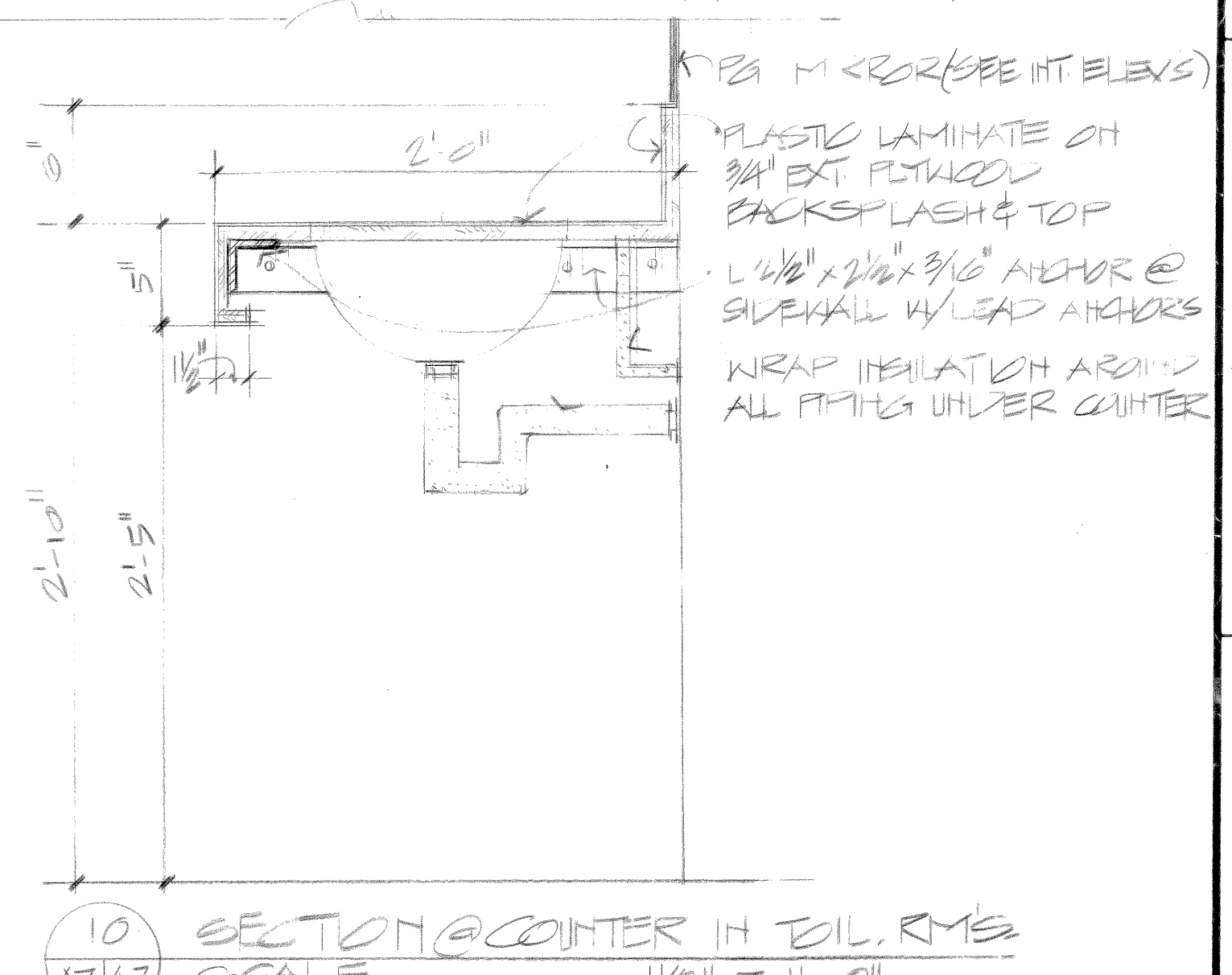
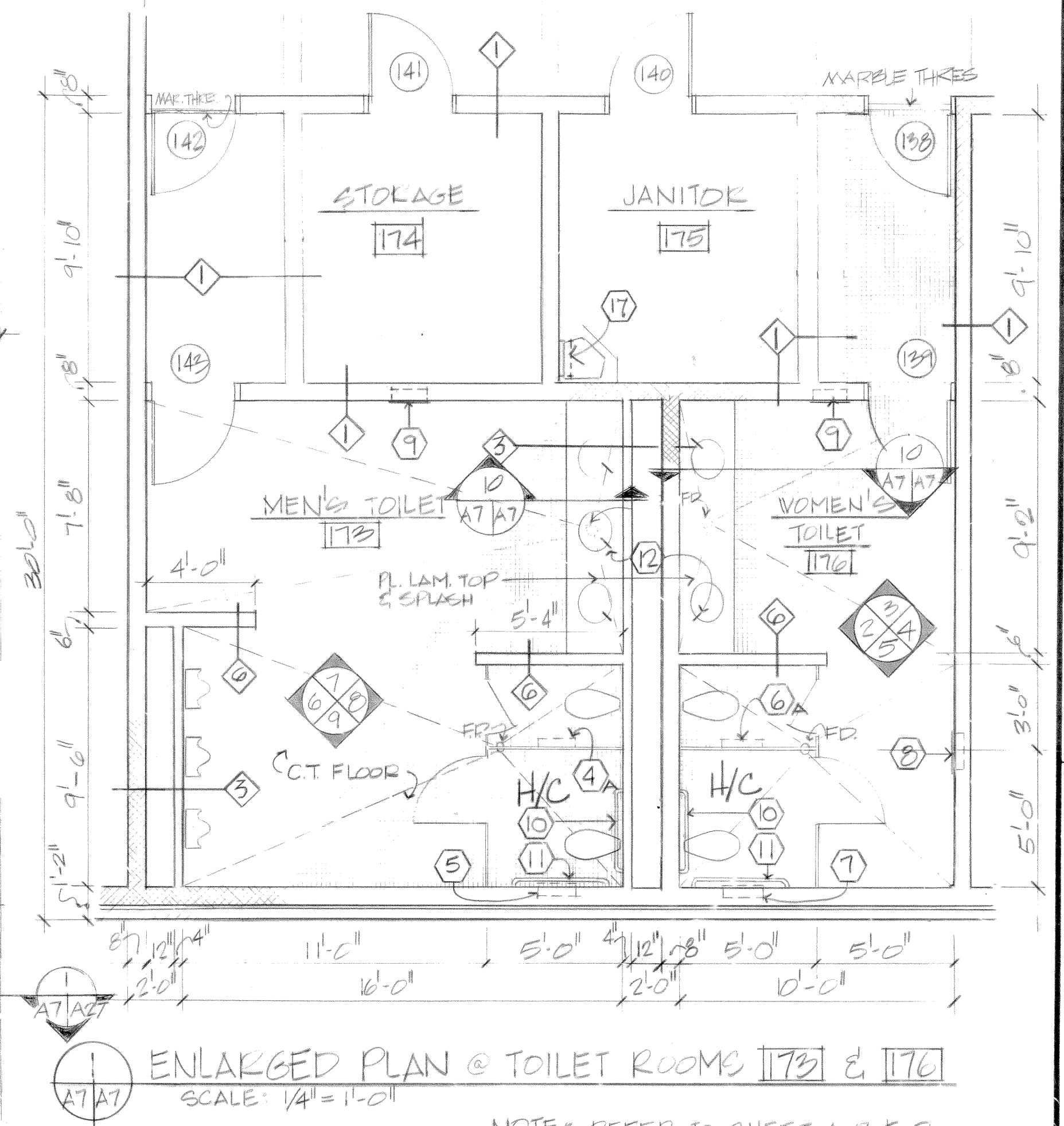
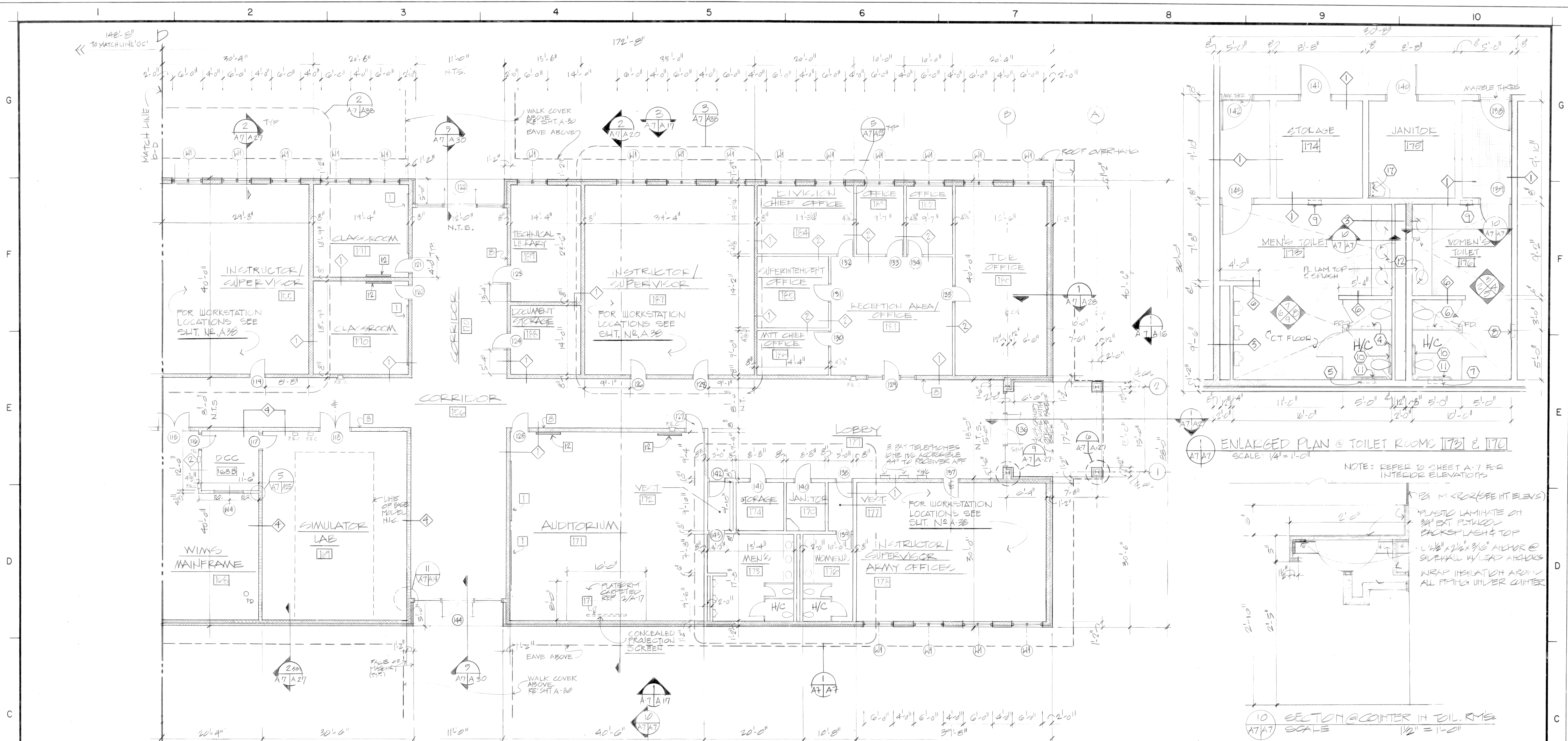
**8 INTERIOR ELEVATION 160**  
SCALE: 1/4" = 1'-0"



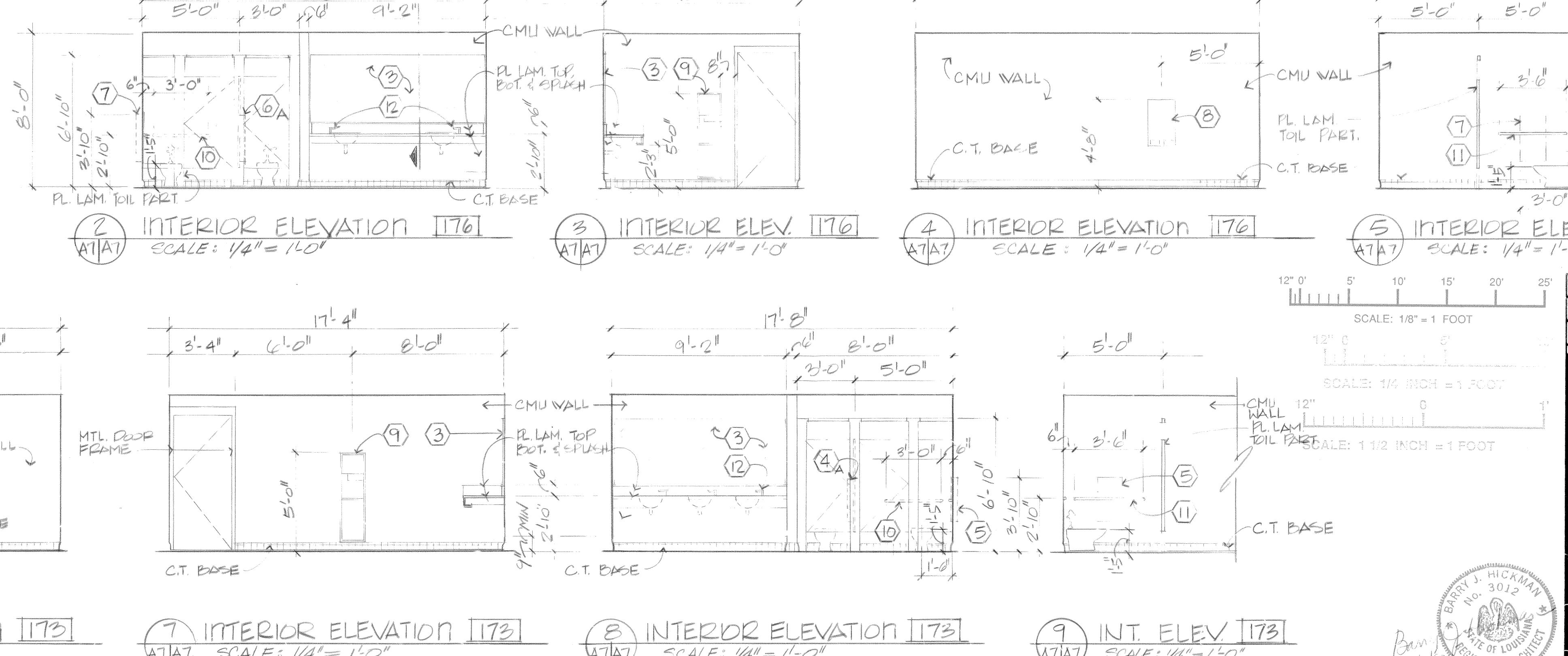
**9 INT. ELEV. 160**  
SCALE: 1/4" = 1'-0"



|  |   |
|--|---|
| AM#00014 JUN 92 REVISED TO REFLECT W.I. CHANGES<br>ACTION DATE DESCRIPTION OF REVISION |   |
| DESIGNED BY:<br><b>LB</b>  | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS        |
| DRAWN BY:<br><b>AKH/JS</b>   | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS  |
| REVIEWED BY:<br><b>SA</b>  | <b>FIRE TRAINING COMPLEX</b><br>1/8 FLOOR PLAN  |
| SUBMITTED BY:<br><b>AKH/JS</b>   | (FIRE TRAINING BUILDING - ADV CRS AREA)   |
| ENGINEER:<br><b>AKH/JS</b>   | SOL. NO. DACAG3-92-B-0107 DATED: JUN. 1992<br>CONTR. NO. W90992-92-0-0155 SEQUENCE NO. 90 |



- LEGEND**
- FRCK
  - CMU TO UNDERSIDE OF ROOF DECK
  - CMU TO 12'-0" AFF
  - DETAIL NUMBER
  - PLAN DETAIL
  - SHEET WHERE DRAWN
  - SHEET REFERENCE
  - PARTITION TYPES - REF. SHT. A-23
  - DETAIL NUMBER
  - WALL ELEVATIONS, INTERIOR
  - SHEET WHERE DRAWN
  - SHEET REFERENCE
  - SPECIAL NOTES - REF. SHT. A-1
  - DETAIL NUMBER
  - SECTION
  - SHEET WHERE DRAWN
  - SHEET REFERENCE



| SYN. NO. | ACTION  | DATE                            | DESCRIPTION OF REVISION |
|----------|---------|---------------------------------|-------------------------|
| AMF00014 | JUN. 12 | REVISED TO REFLECT W.I. CHANGES |                         |

DESIGNED BY: WALK, HAYDEL & ASSOC. INC. ENGINEERS / ARCHITECTS  
 U.S. ARMY ENGINEER DISTRICT, FORT WORTH CORPS OF ENGINEERS  
 NEW ORLEANS MOBILE BATON ROUGE FORT WORTH, TEXAS

DESIGNED BY: LE  
 DRAWN BY: ASHLEY  
 REVIEWED BY: CM

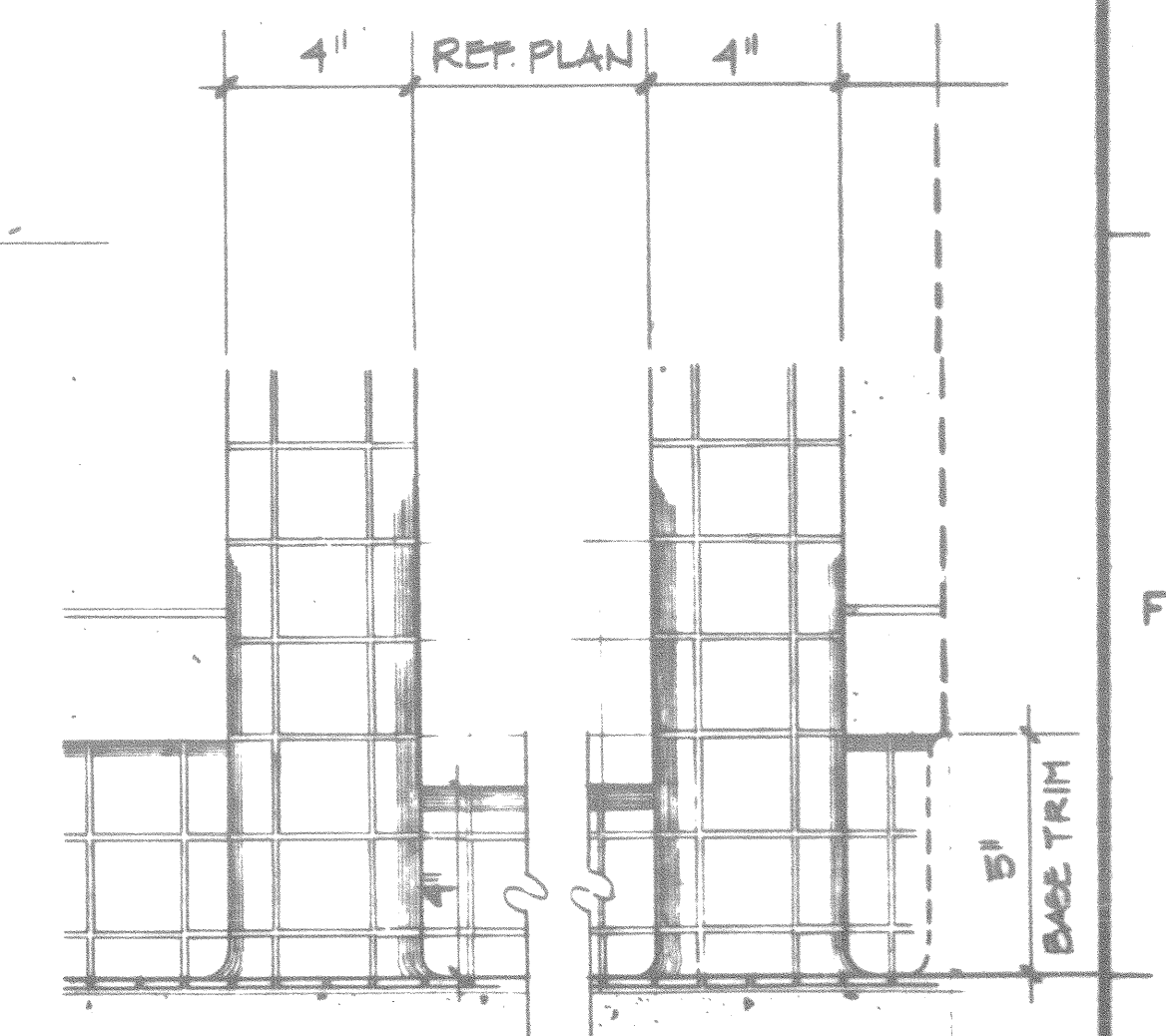
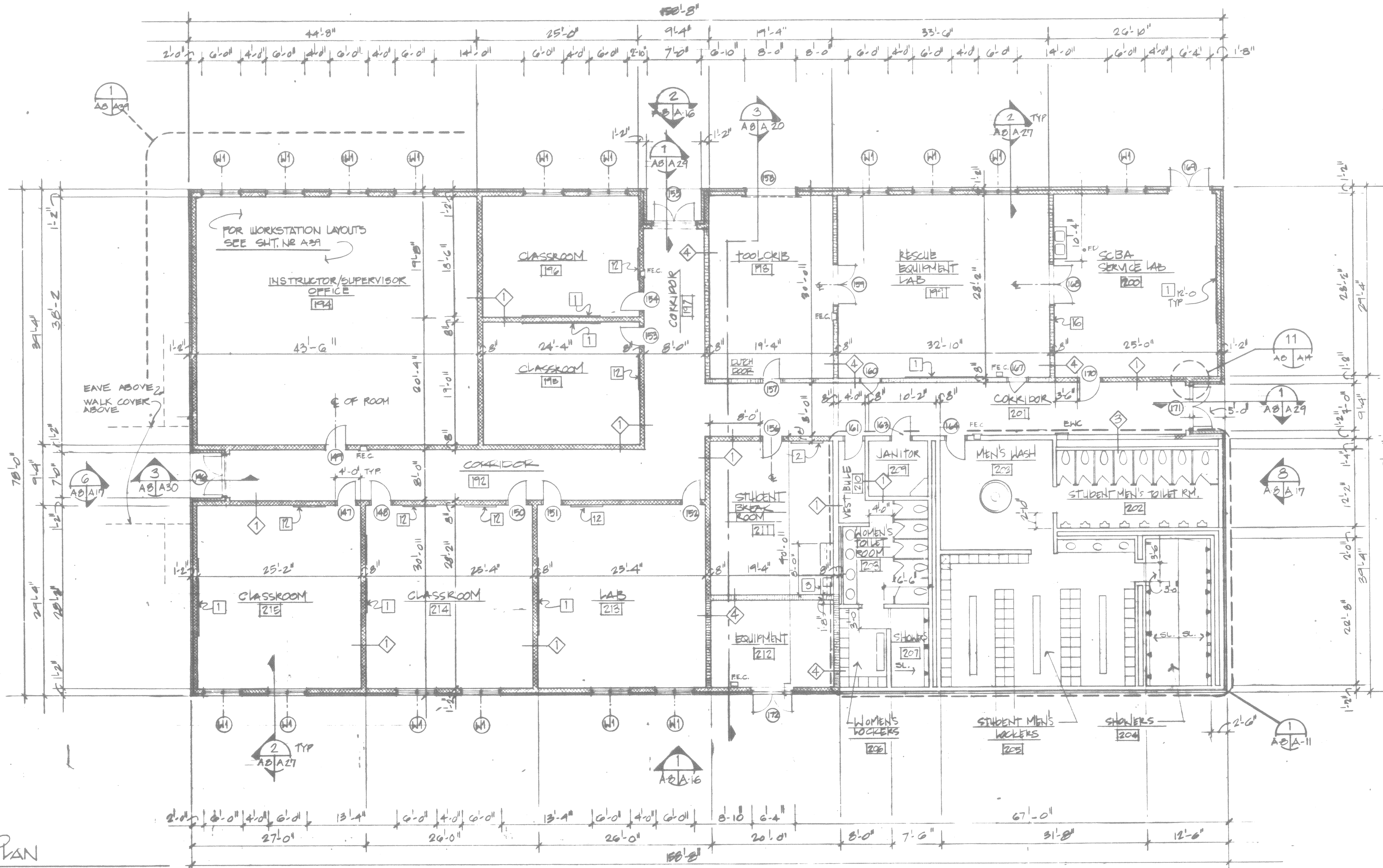
SUBMITTED BY: [Signature]  
 ENGINEER: [Signature]

GOODFELLOW AIR FORCE BASE  
 SAN ANGELO, TEXAS  
**FIRE TRAINING COMPLEX**  
 1st FLOOR PLAN  
 (FIRE TRAINING BUILDING - LIVING OFFICES)

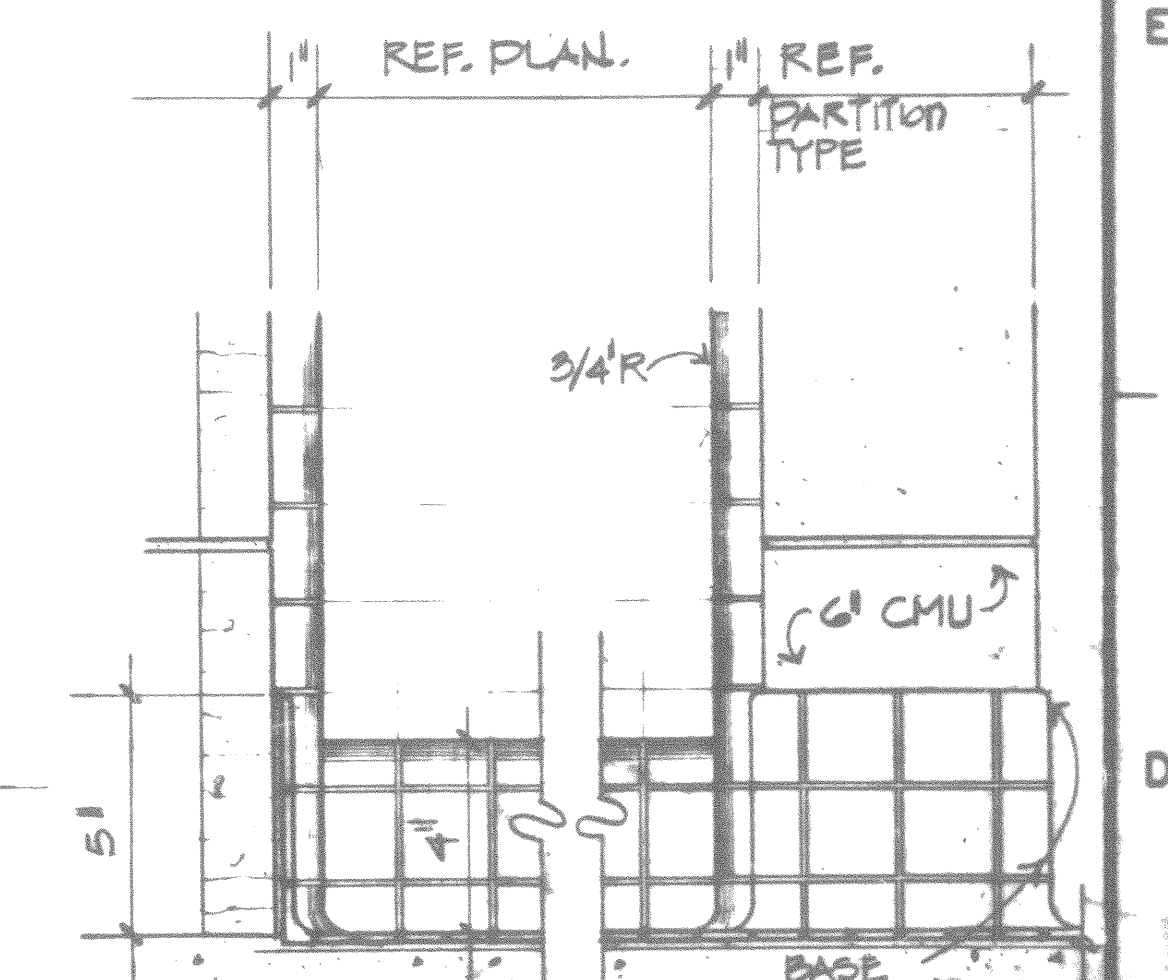
SOL. NO. DABAGE-92B-0107 DATED: JUN. 1992  
 CONTR. NO. DABAGE-92-C-0107 SEQUENCE NO. 91  
 DRAWING NUMBER 62 OF 62 SHEET NO. 91

**LEGEND**

- BRICK
- CMU TO UNDERSIDE OF ROOF DECK
- CMU TO 12'-0" AFF
- DETAIL NUMBER  
PLAN DETAIL  
SHEET WHERE DRAWN  
SHEET REFERENCE
- DETAIL NUMBER  
WALL ELEVATIONS, INTERIOR  
SHEET WHERE DRAWN  
SHEET REFERENCE
- DETAIL NUMBER  
SECTION  
SHEET WHERE DRAWN  
SHEET REFERENCE



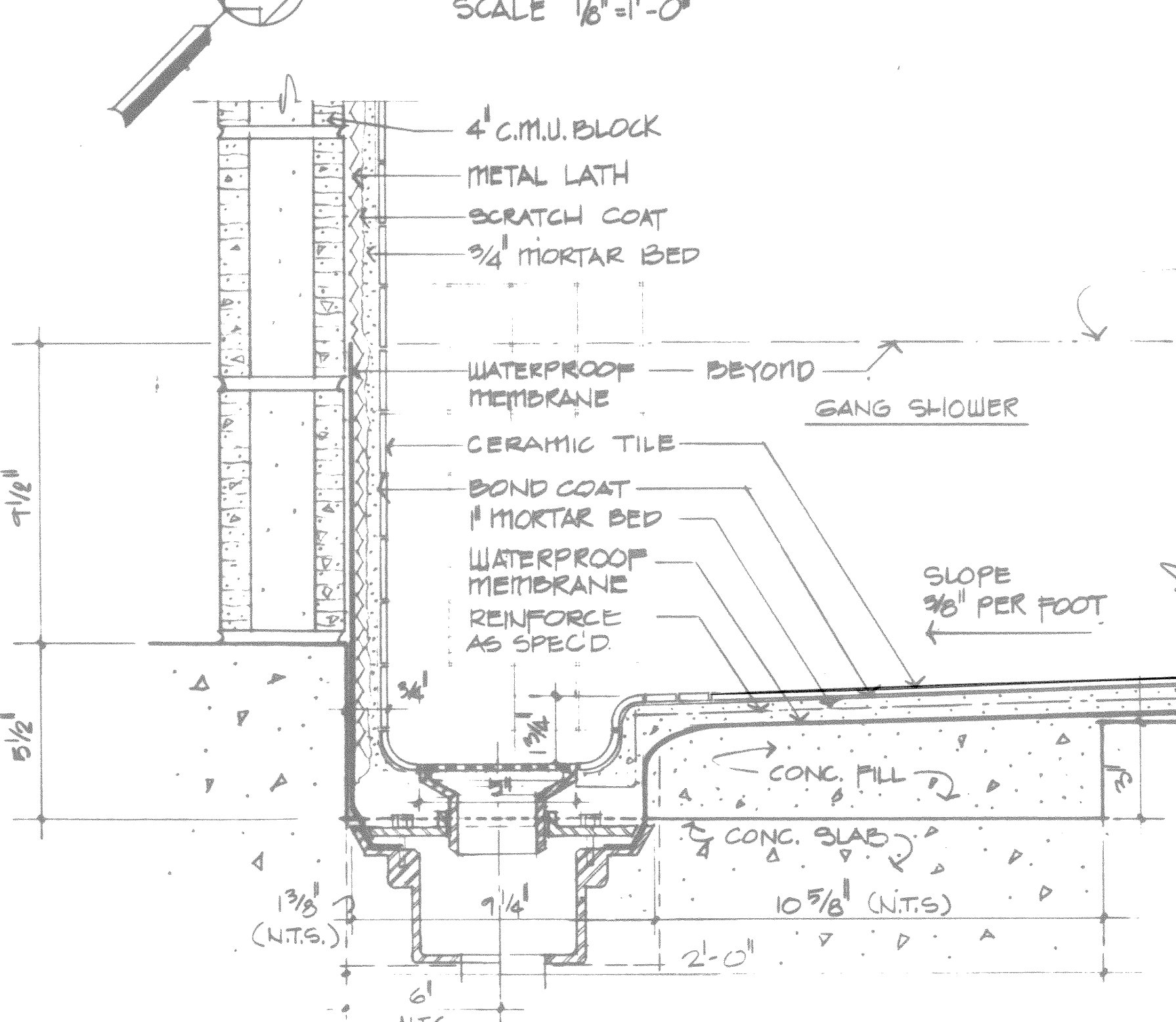
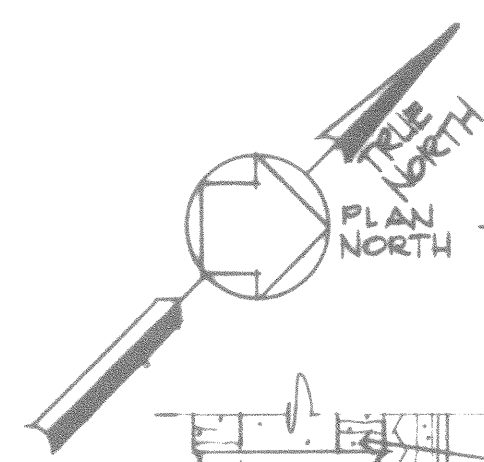
**5** DETAIL SHOWER CURB ELEV.  
SCALE: 3/4" = 1'-0"  
ROOM # 105, 121, 128B, 143, 204



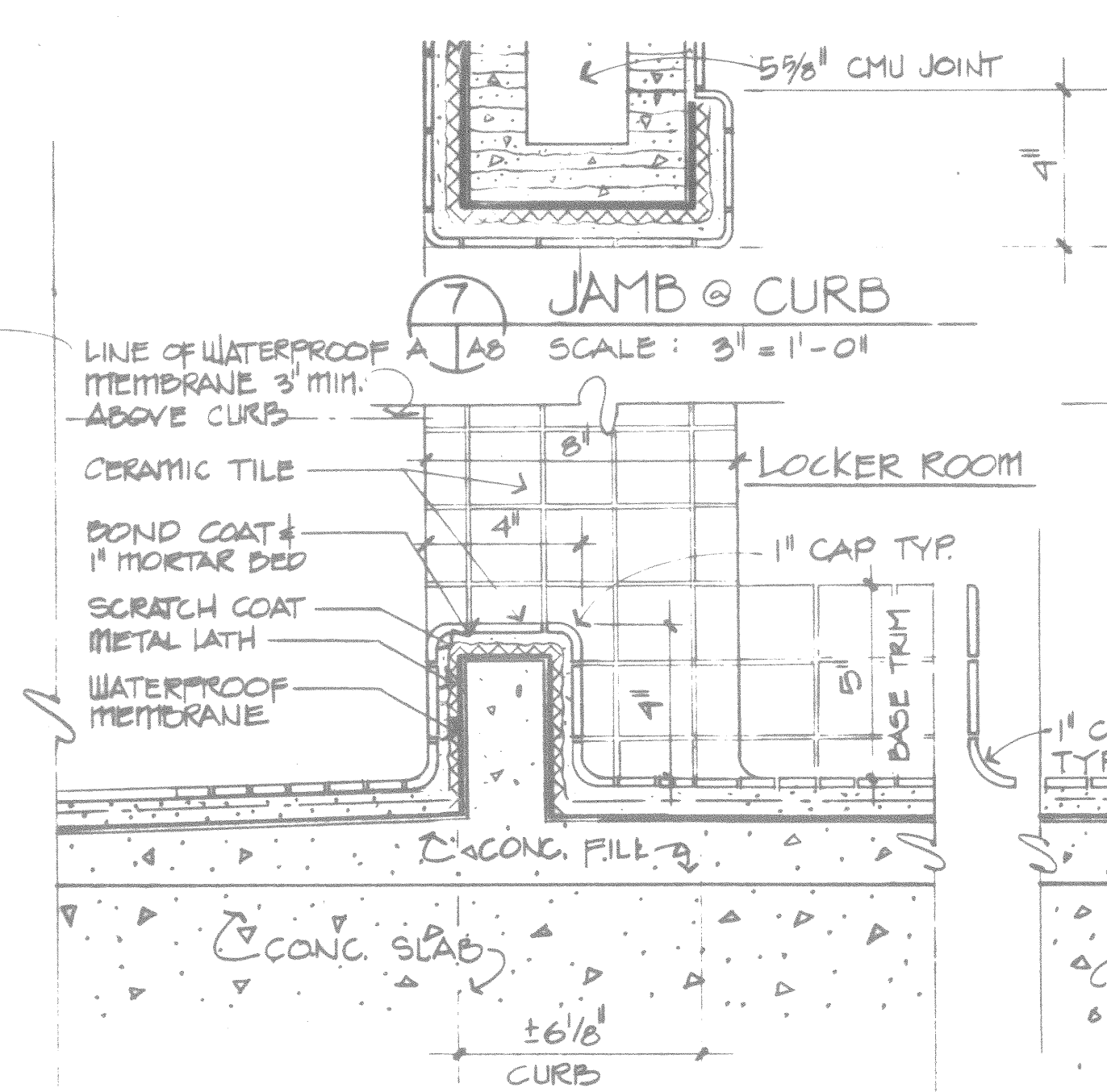
**6** DETAIL SHOWER CURB ELEV.  
SCALE: 3/4" = 1'-0"  
ROOM # 106A, 145A

**FLOOR PLAN**

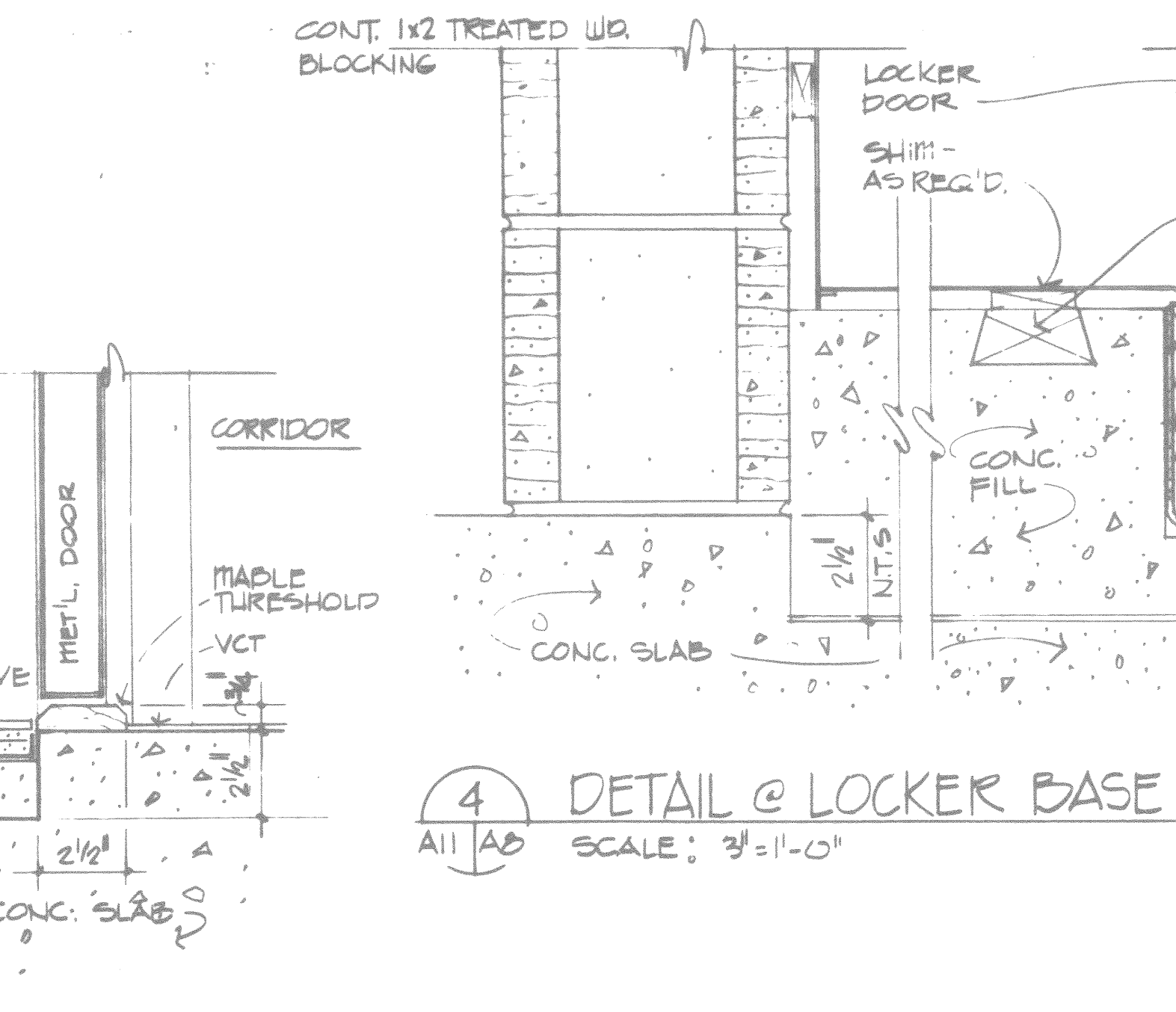
SCALE: 1/8" = 1'-0"



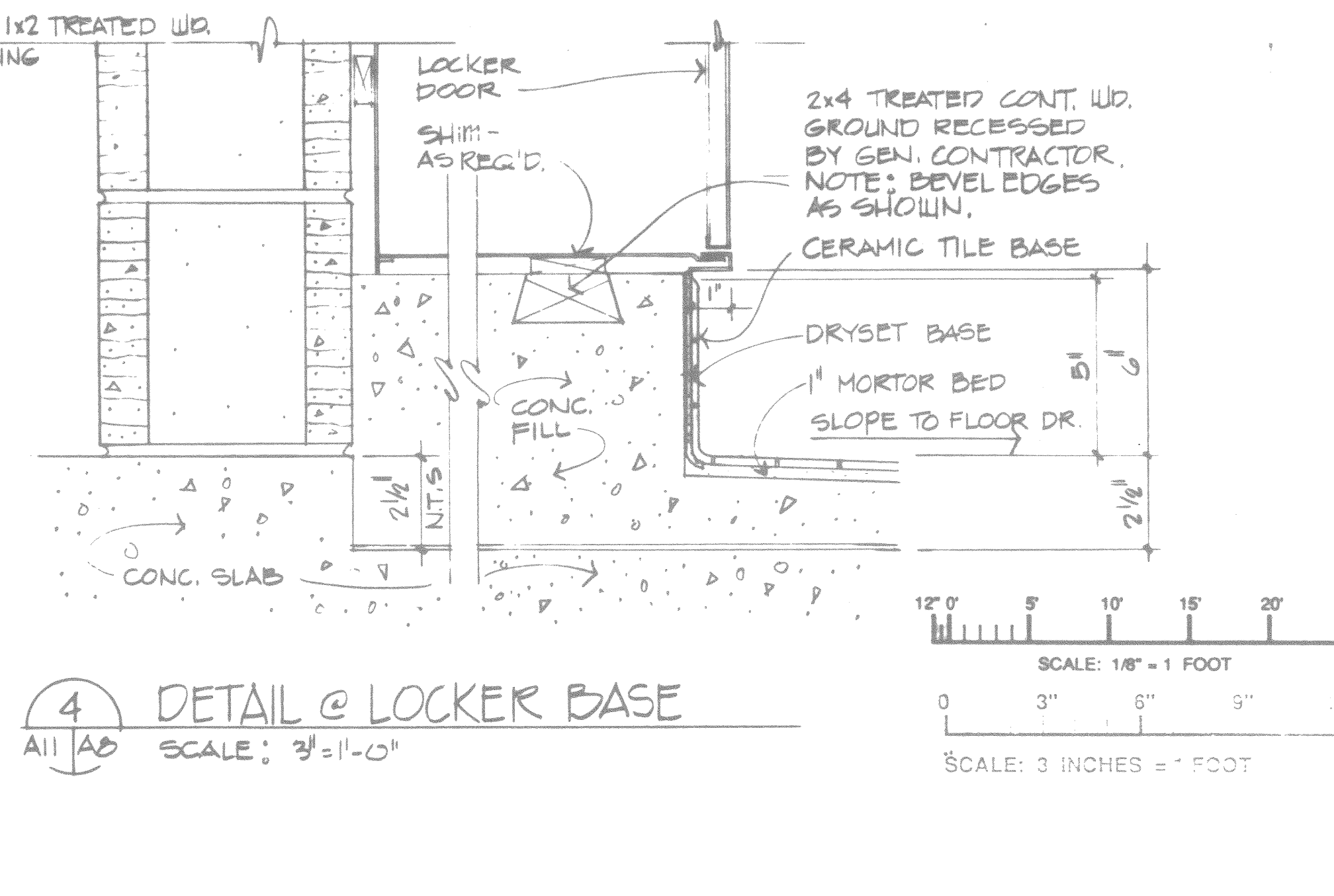
**1** DETAIL OF TROUGH @ SHOWER  
SCALE: 3/4" = 1'-0"



**2** CURB @ SHOWER/LOCKER RM.  
SCALE: 3/4" = 1'-0"



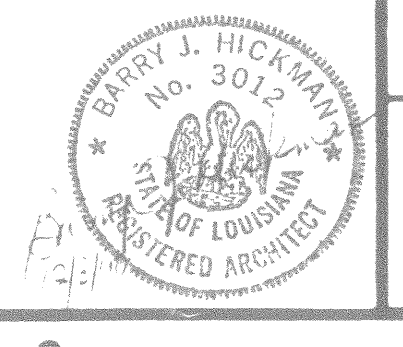
**3** THRESHOLD @ LOCKER RM.  
SCALE: 3/4" = 1'-0"



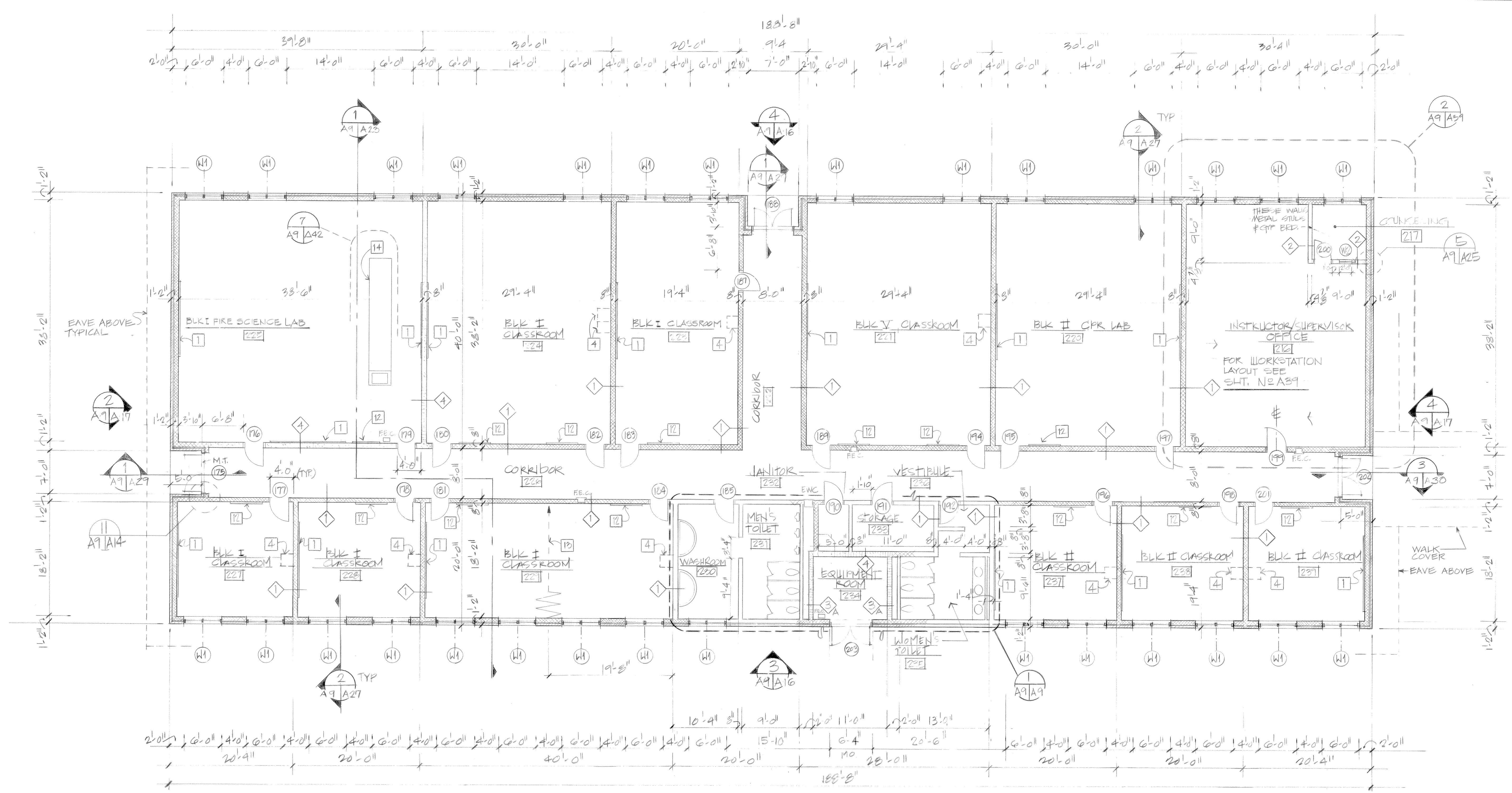
**4** DETAIL @ LOCKER BASE  
SCALE: 3/4" = 1'-0"

SCALE: 1/8" = 1' FOOT  
SCALE: 3 INCHES = 1' FOOT

|   |   |
|---|---|
| <p>AM#0001 4 JUN 92 REVISED TO REFLECT W.I. CHANGES</p>   |   |
| <p>WALK, HAYDEL &amp; ASSOC. INC.<br/>ENGINEERS / ARCHITECTS<br/>NEW ORLEANS MOBILE BATON ROUGE</p> | <p>U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br/>CORPS OF ENGINEERS<br/>FORT WORTH, TEXAS</p> |
| <p>DESIGNED BY: LE</p>  |   |
| <p>DRAWN BY: A. J. S. J.</p>  |   |
| <p>REVIEWED BY: CM</p>  |   |
| <p>SUBMITTED BY: [Signature]</p>  |   |
| <p>SOL. NO. DACAG63-92-B-0109 DATED: JUN. 1992</p>  |   |
| <p>CONTR. NO. DACAG63-92-C-0155</p>   |   |
| <p>DRAWING NUMBER</p>   | <p>SHEET NO. 92</p>   |
| <p>A8 OF 62</p>   | <p>92</p>   |





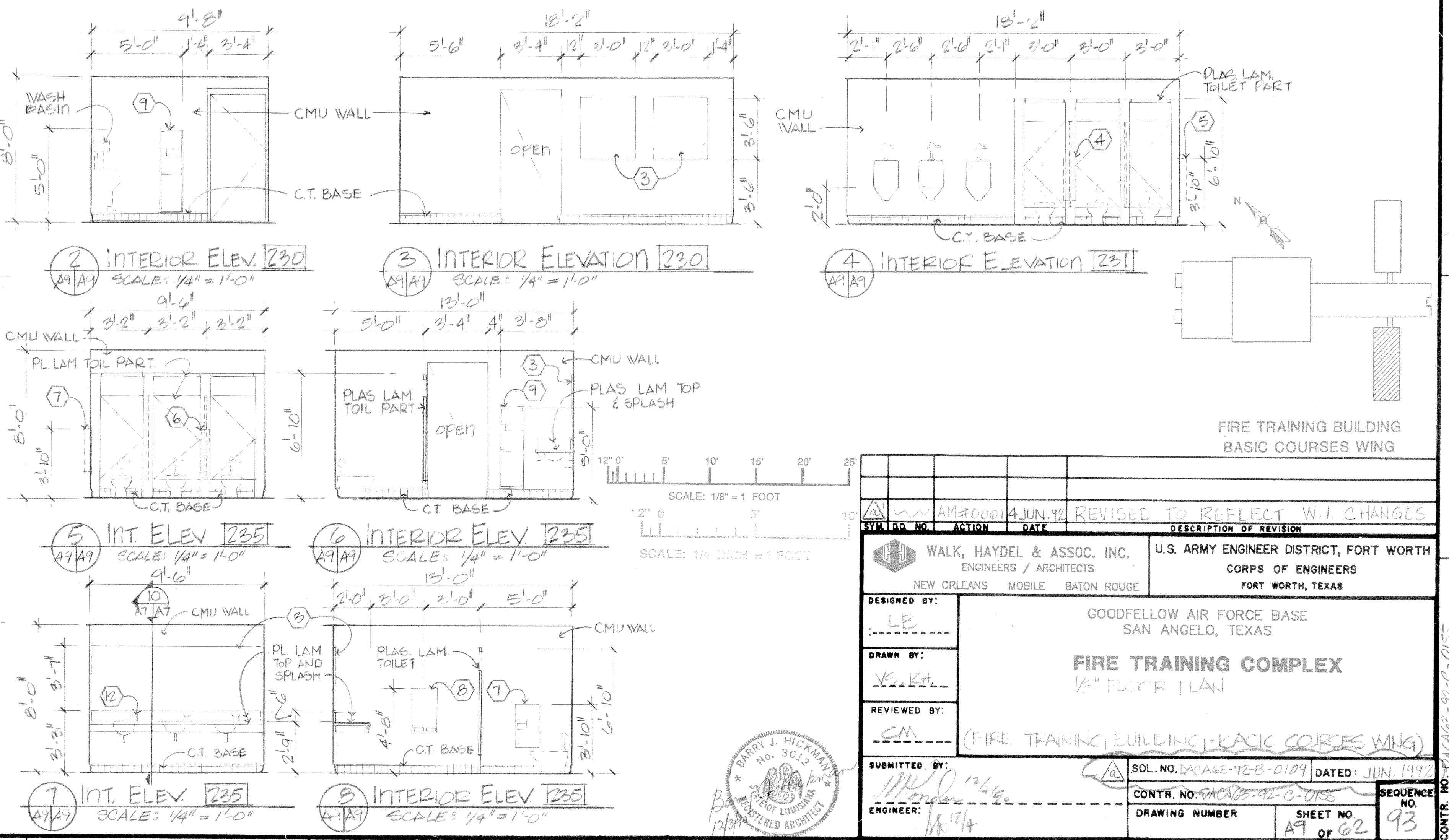
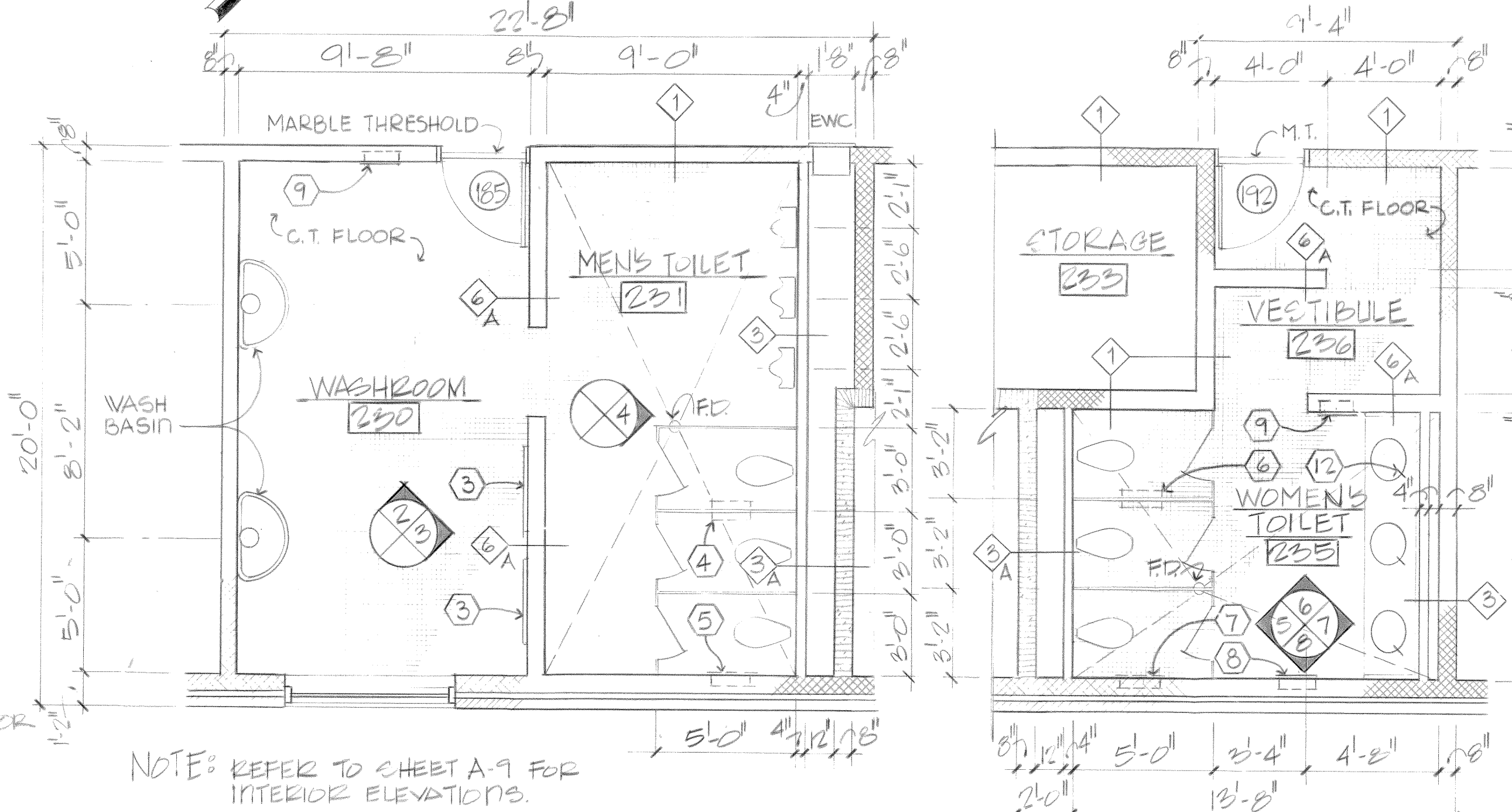


**FLOOR PLAN**  
SCALE: 1/8" = 1'-0"

- LEGEND**
- BRICK
  - CMU TO UNDERSIDE OF ROOF
  - CMU 12'-0" A.P.P.
  - DETAIL NUMBER, PLAN DETAIL, SHEET WHERE DRAWN, SHEET REFERENCE
  - DETAIL NUMBER, WALL ELEVATIONS, INTERIOR SHEET WHERE DRAWN, SHEET REFERENCE
  - DETAIL NUMBER, SECTION, SHEET WHERE DRAWN, SHEET REFERENCE

NOTE: REFER TO SHEET A-9 FOR INTERIOR ELEVATIONS.

**1 ENLARGED FLOOR PLANS**  
SCALE: 1/4" = 1'-0"

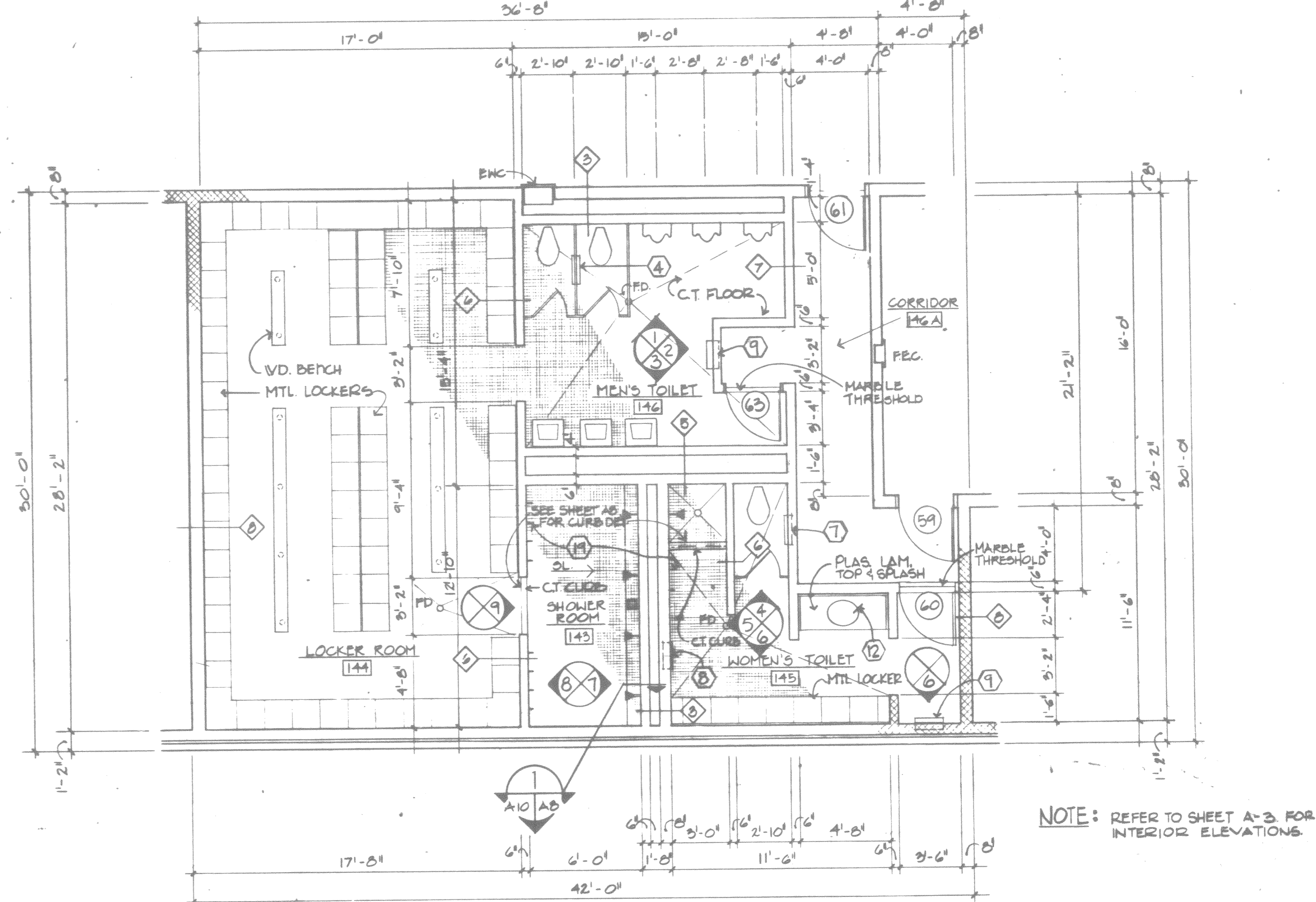
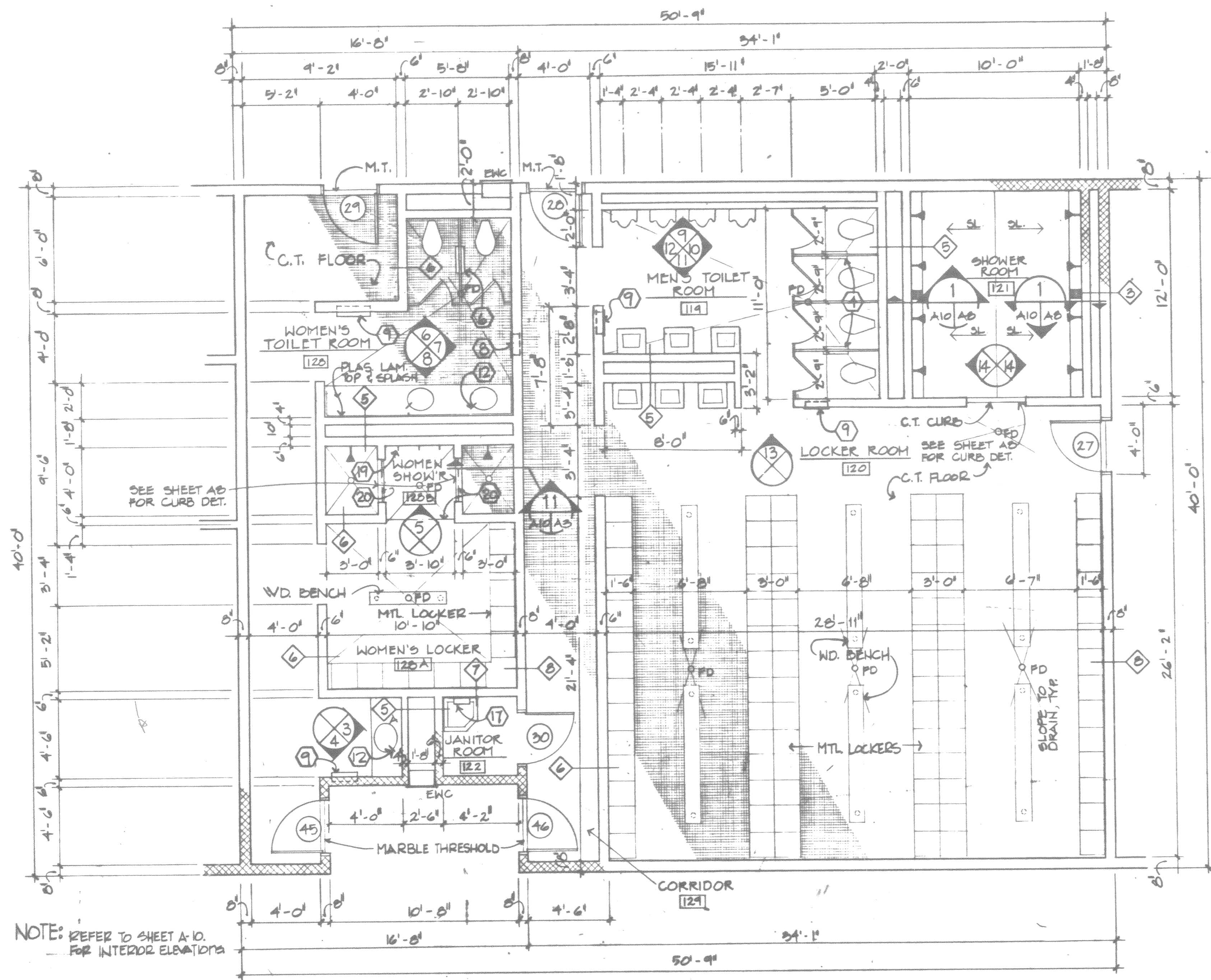


SCALE: 1/8" = 1' FOOT  
SCALE: 1/4" = 1'-0"



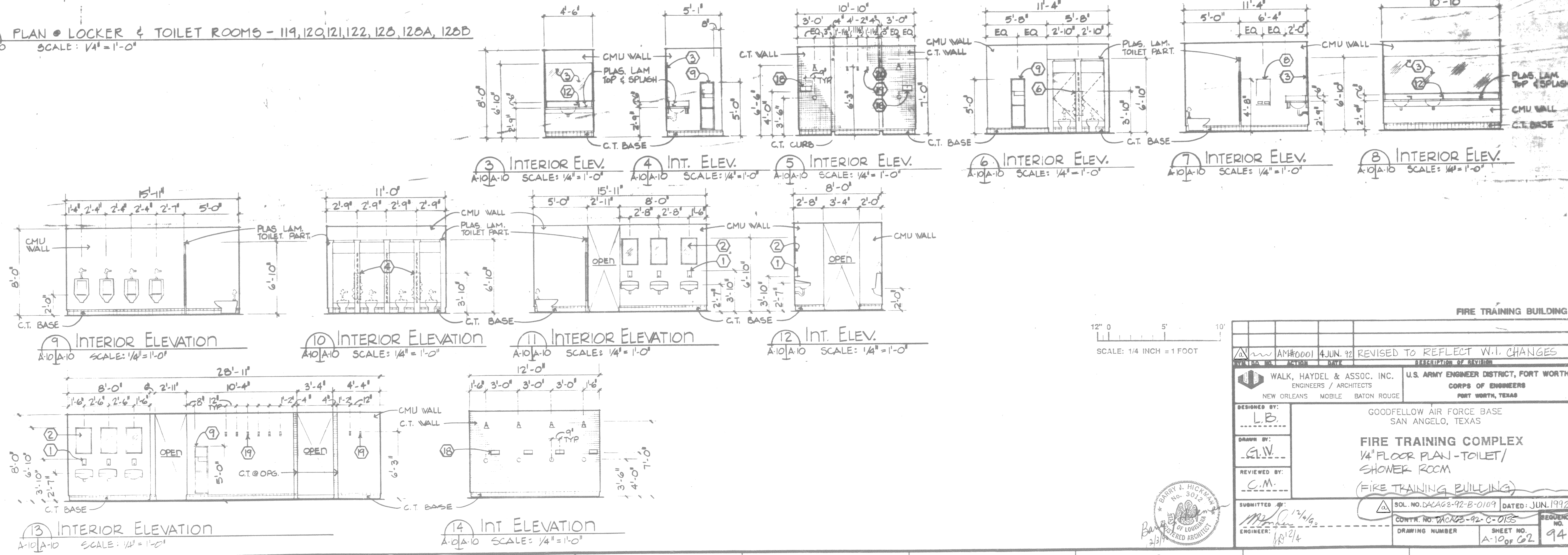
| REV. NO. | DATE     | DESCRIPTION OF REVISION         |
|----------|----------|---------------------------------|
| 1        | 4 JUN 93 | REVISED TO REFLECT W.I. CHANGES |

|  |  |
|--|--|
| DESIGNED BY:<br>WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS |
| GODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS  |  |
| <b>FIRE TRAINING COMPLEX</b><br>1/4" FLOOR PLAN  |  |
| (FIRE TRAINING BUILDING - BASIC COURSES WING)  |  |
| SUBMITTED BY:<br>M. J. NICHOLAS  | SOL. NO. 22-000-0189 DATED: JUN 1993   |
| ENGINEER:<br>M. J. NICHOLAS  | CONTR. NO. 22-000-0189   |
|  | DRAWING NUMBER<br>A7 OF 62   |
|  | SEQUENCE NO.<br>93   |



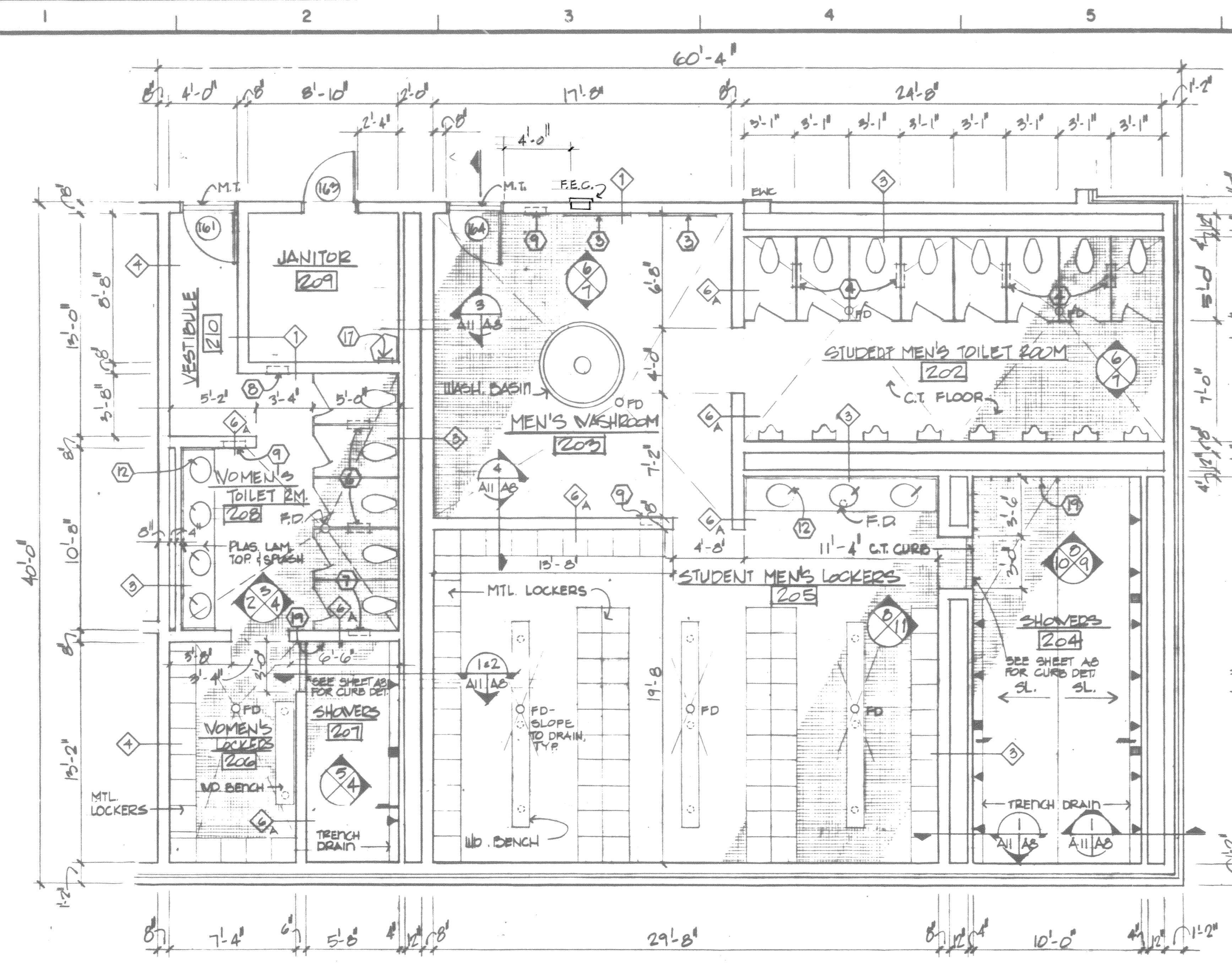
1 PLAN OF LOCKER & TOILET ROOMS - 119, 120, 121, 122, 125, 126A, 126B  
 A-2/A-10 SCALE: 1/4" = 1'-0"

2 PLAN OF LOCKER & TOILET ROOMS - 143, 144, 145, 146, & 146A  
 A-3/A-10 SCALE: 1/4" = 1'-0"



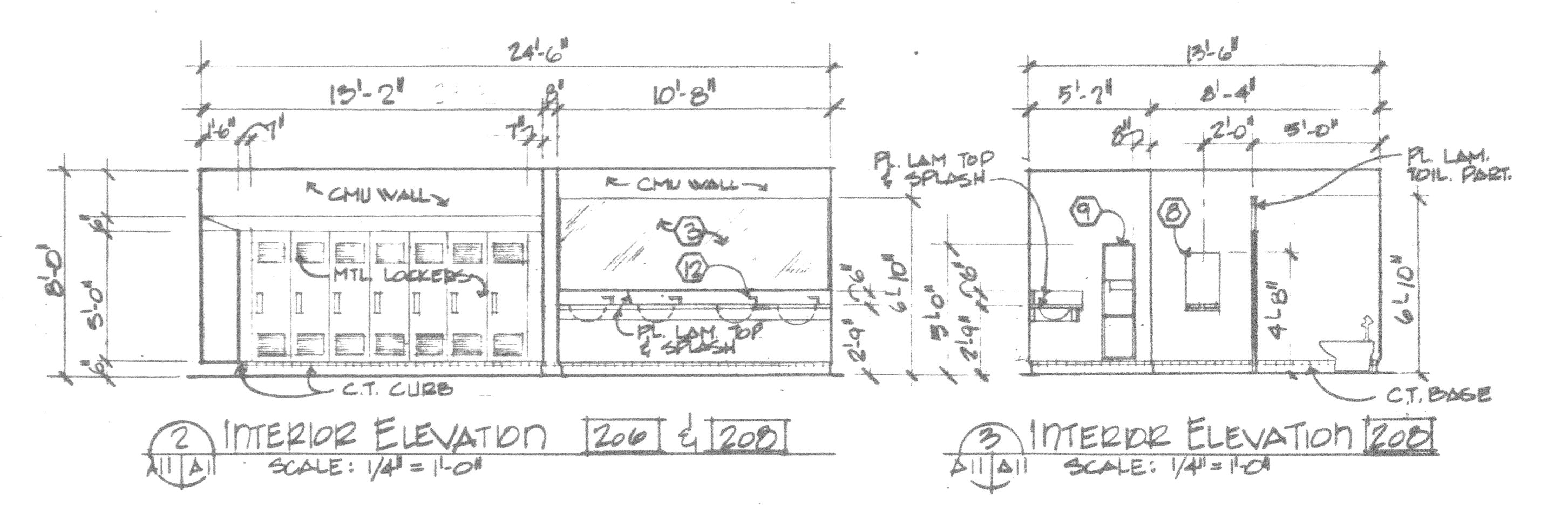
SCALE: 1/4 INCH = 1 FOOT

|  |   |
|--|---|
| FIRE TRAINING BUILDING   |   |
| AM#0001 JUN. 12 REVISED TO REFLECT W.I. CHANGES  | REVISIONS   |
| WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>SAN ANGELO, TEXAS<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS |
| DESIGNED BY: L.B.  | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS  |
| DRAWN BY: C.M.V.   | <b>FIRE TRAINING COMPLEX</b><br>1/4" FLOOR PLAN - TOILET/<br>SHOWER ROOM<br>(FIRE TRAINING BUILDING)    |
| REVIEWED BY: C.M.  | SOL. NO. DACAG-92-B-0109 DATED: JUN. 1992   |
| ENGINEER: M.D. 12/16/92  | CONTR. NO. DACAG-92-C-0135  |
|  | DRAWING NUMBER: A-10 OF 62  |
|  | SHEET NO. 94  |

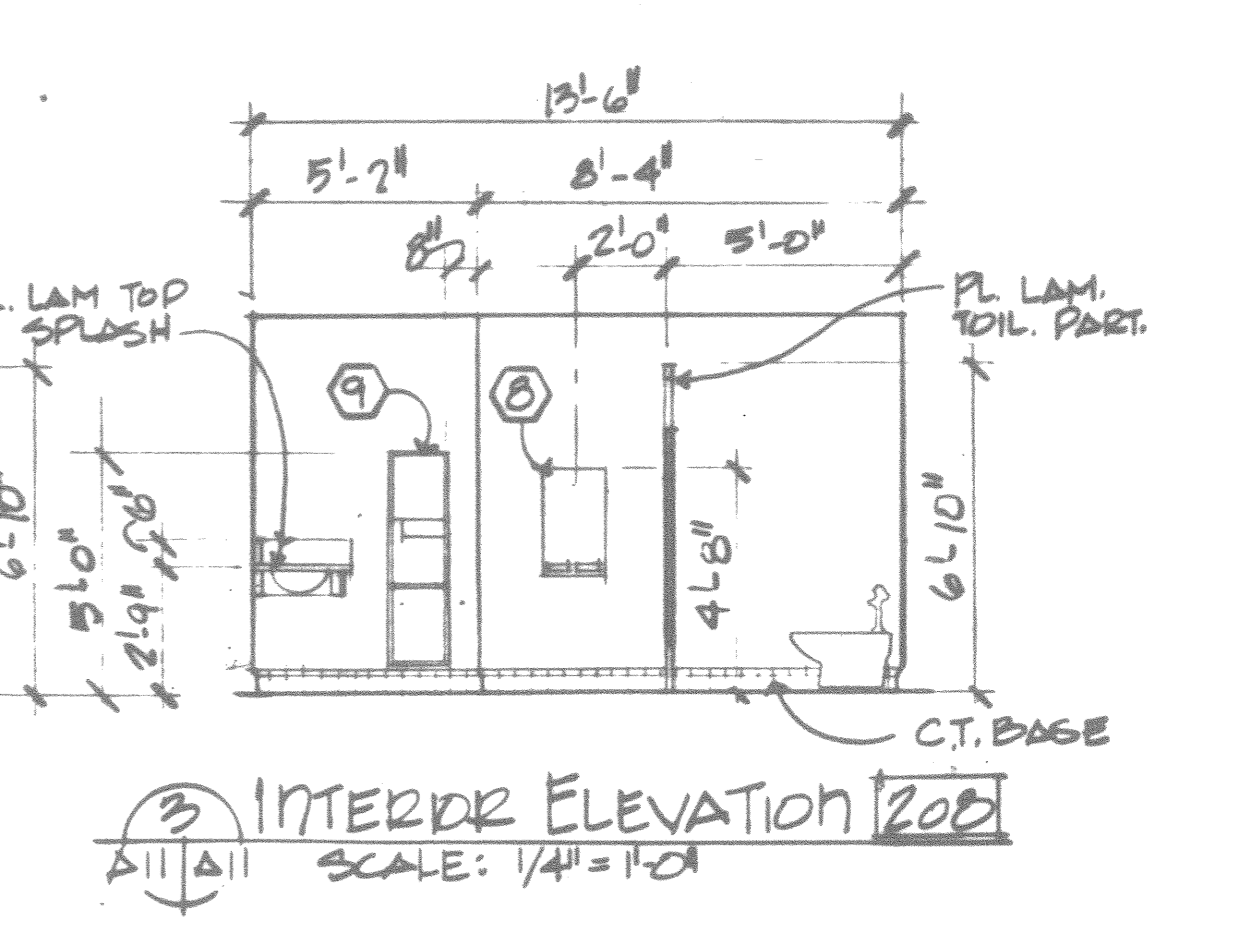


1 ENLARGED PLAN OF STUDENT TOILET & LOCKER ROOMS  
 A-B/A-II SCALE: 1/4" = 1'-0"

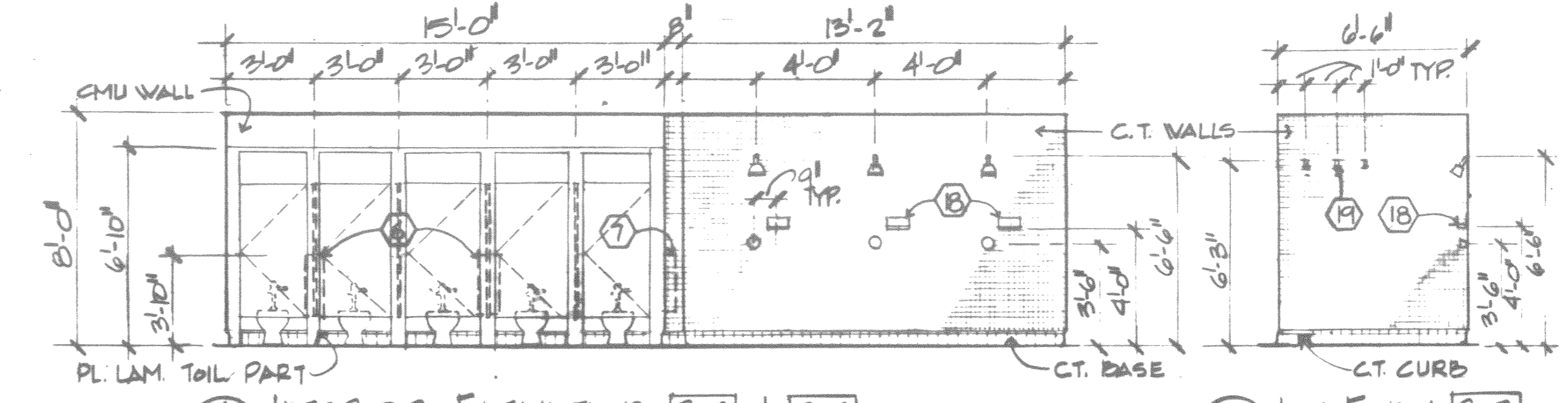
NOTE: REFER TO SHEET A-11 FOR INTERIOR ELEVATIONS.



2 INTERIOR ELEVATION 206 & 208  
 A-II/A-I SCALE: 1/4" = 1'-0"

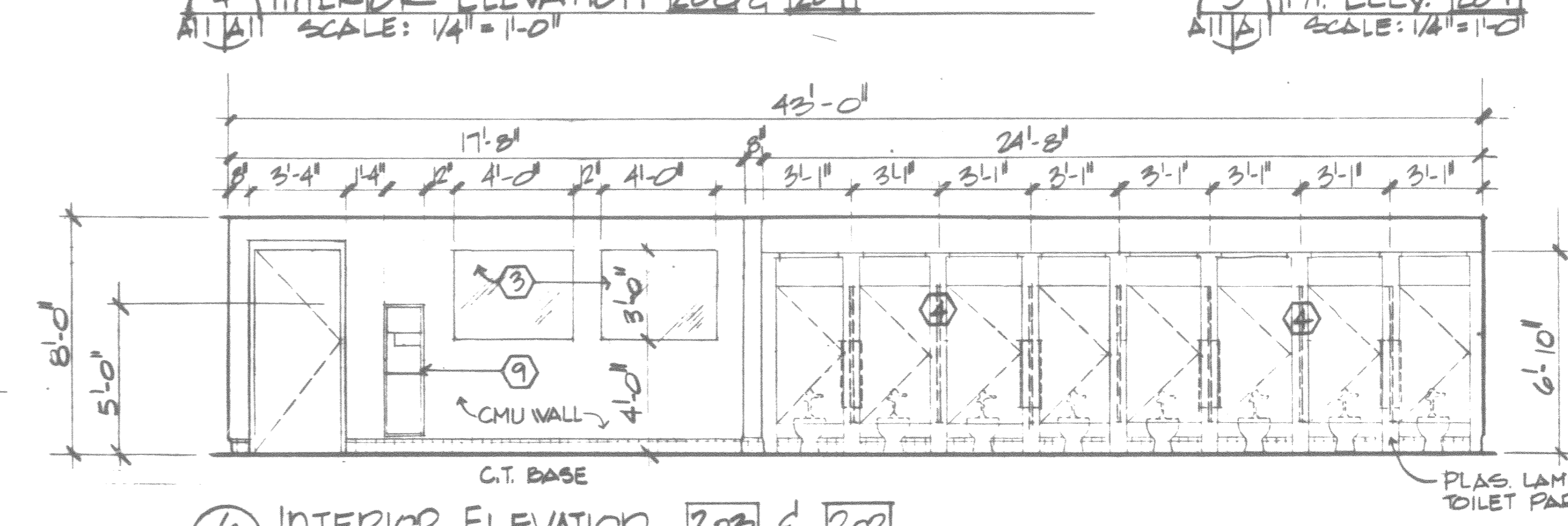


3 INTERIOR ELEVATION 209  
 A-II/A-I SCALE: 1/4" = 1'-0"

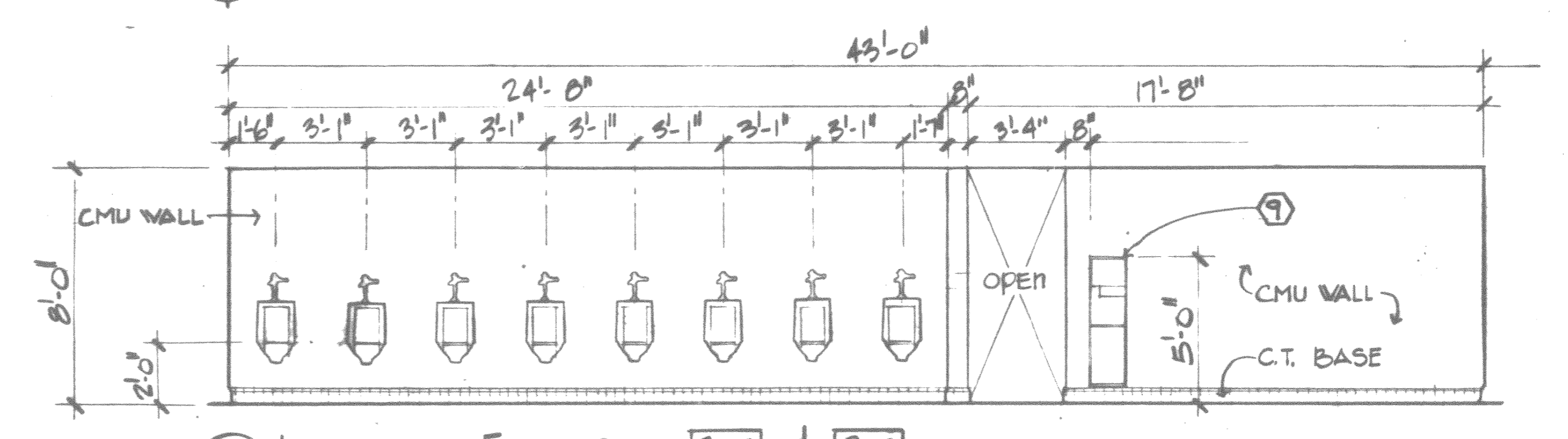


4 INTERIOR ELEVATION 208 & 207  
 A-II/A-I SCALE: 1/4" = 1'-0"

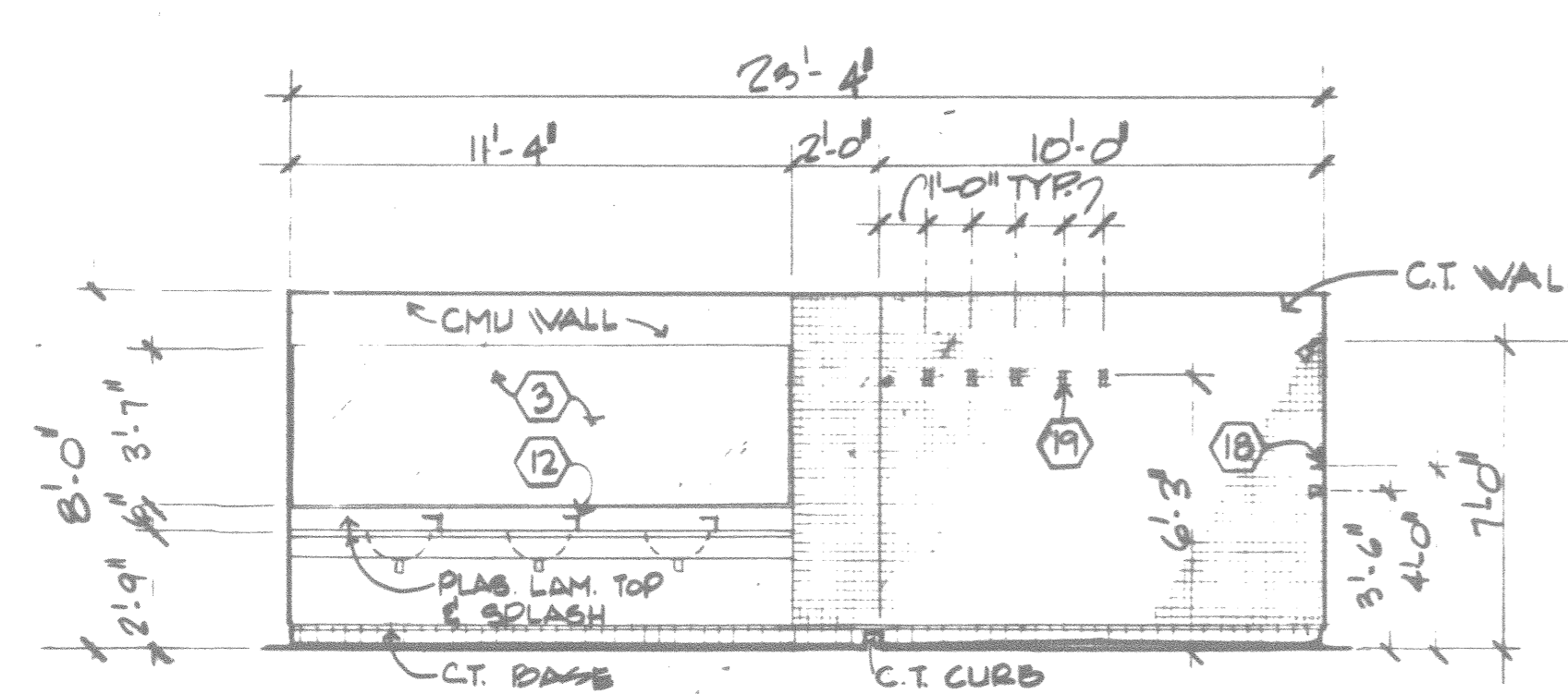
5 INT. ELEV. 207  
 A-II/A-I SCALE: 1/4" = 1'-0"



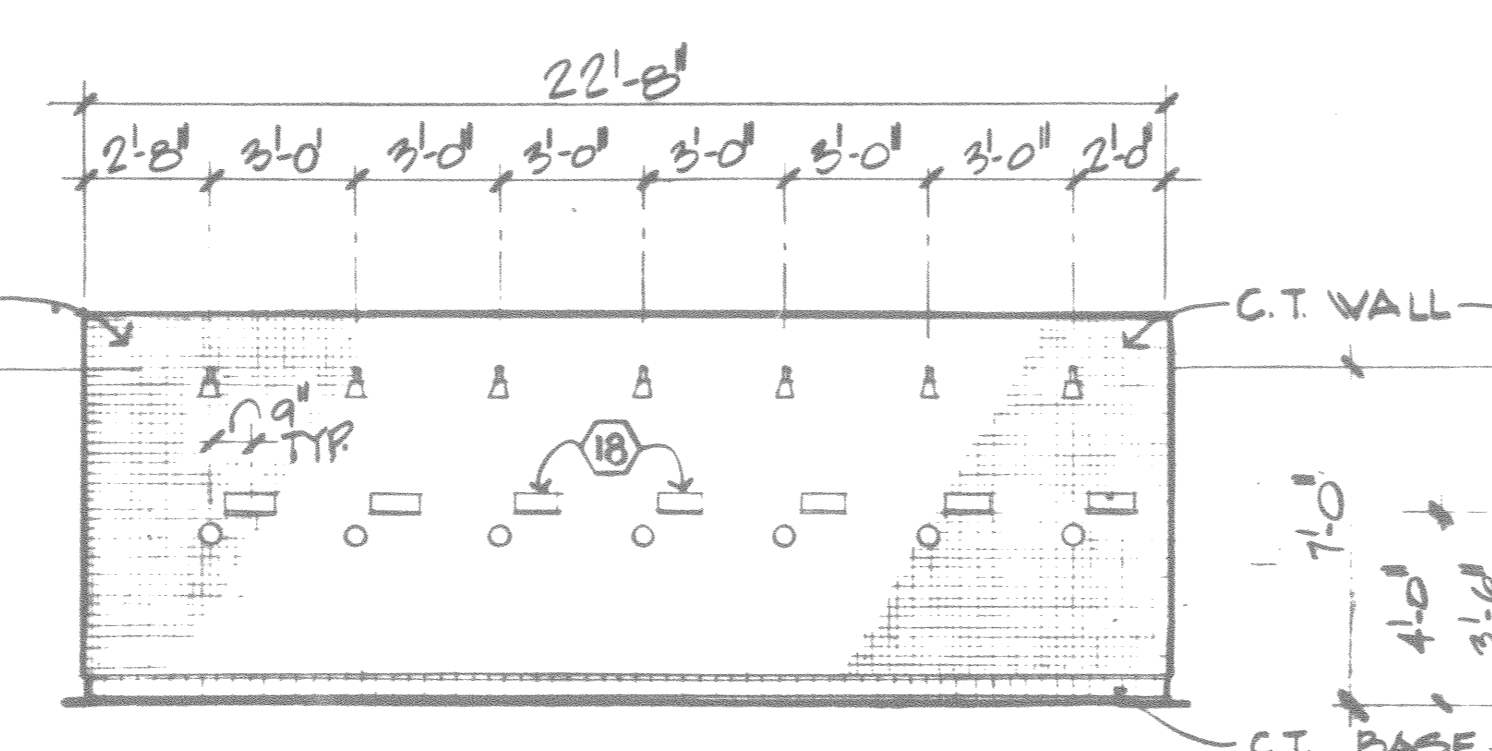
6 INTERIOR ELEVATION 203 & 202  
 A-II/A-I SCALE: 1/4" = 1'-0"



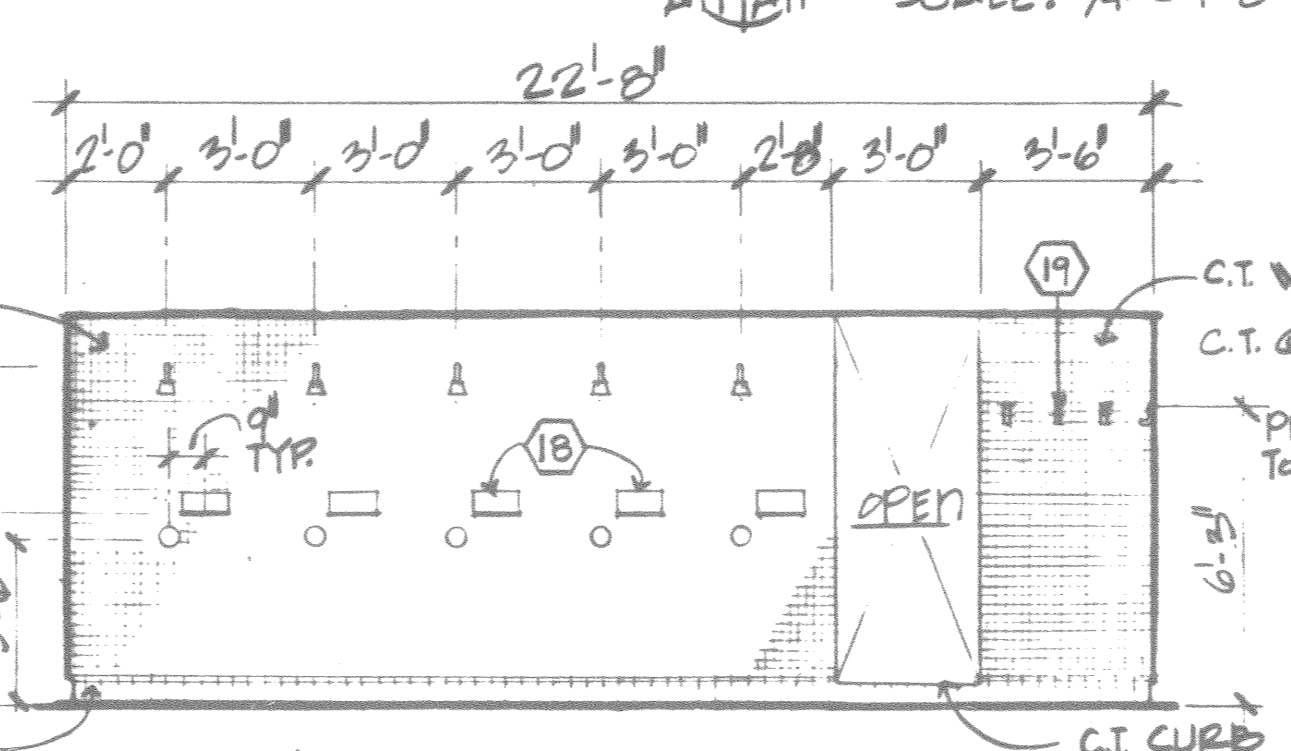
7 INTERIOR ELEVATION 202 & 203  
 A-II/A-I SCALE: 1/4" = 1'-0"



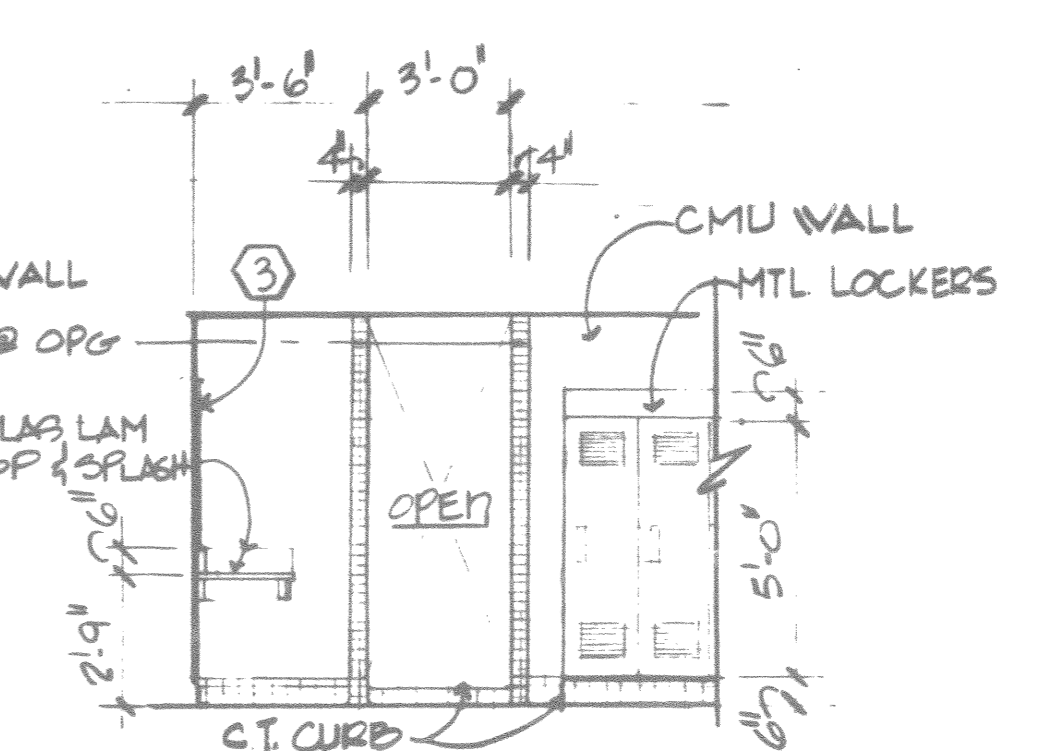
8 INTERIOR ELEVATION 205 & 204  
 A-II/A-I SCALE: 1/4" = 1'-0"



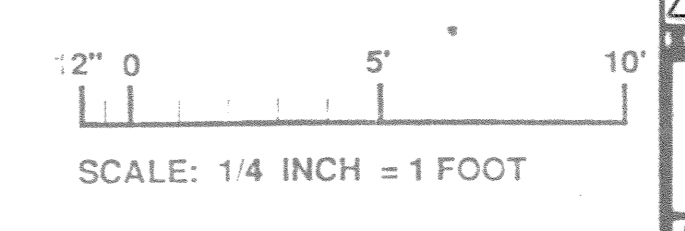
9 INTERIOR ELEVATION 204  
 A-II/A-I SCALE: 1/4" = 1'-0"



10 INTERIOR ELEVATION 204  
 A-II/A-I SCALE: 1/4" = 1'-0"



11 INT. ELEV. 205 (PARTIAL)  
 A-II/A-I SCALE: 1/4" = 1'-0"



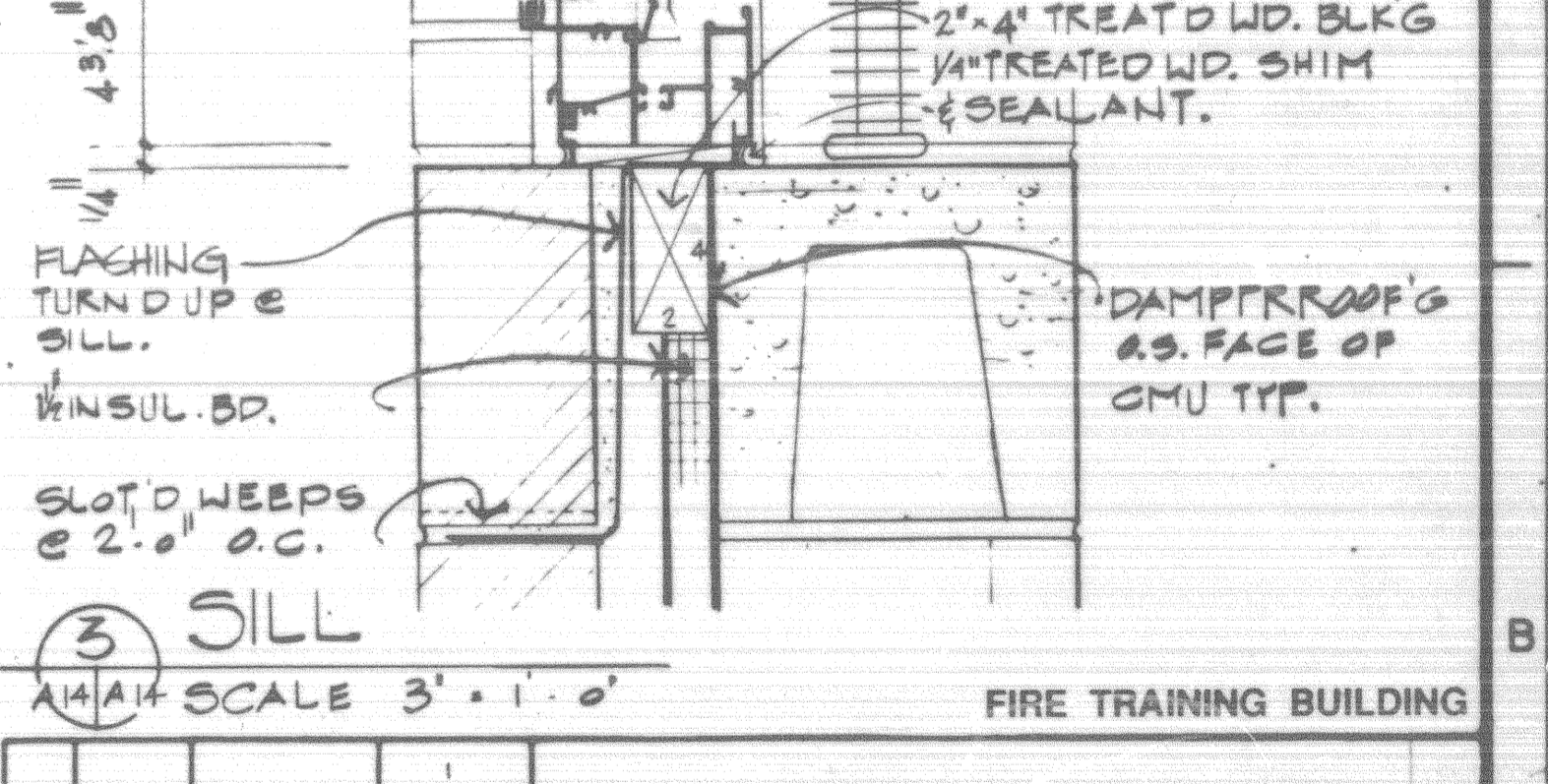
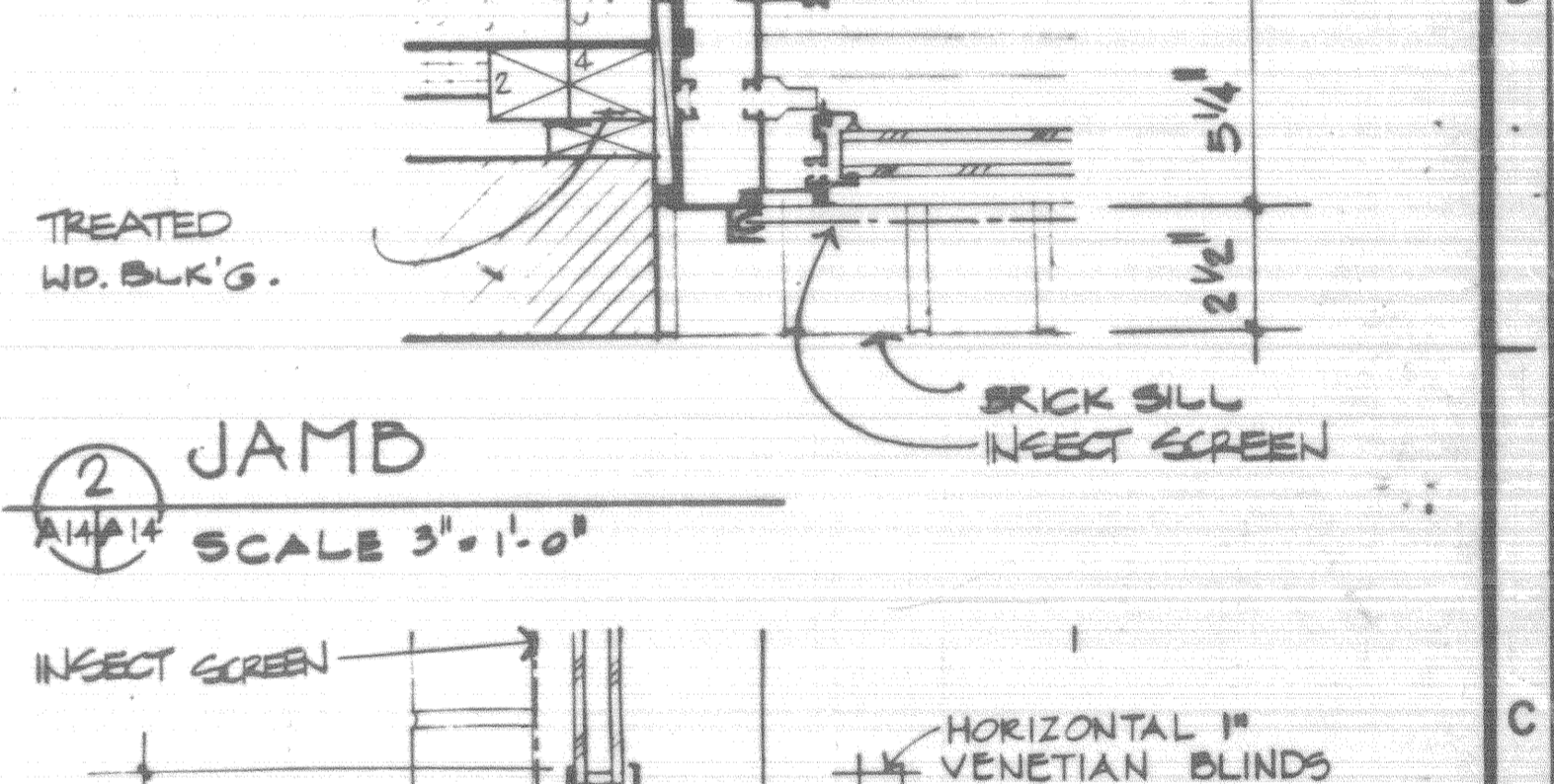
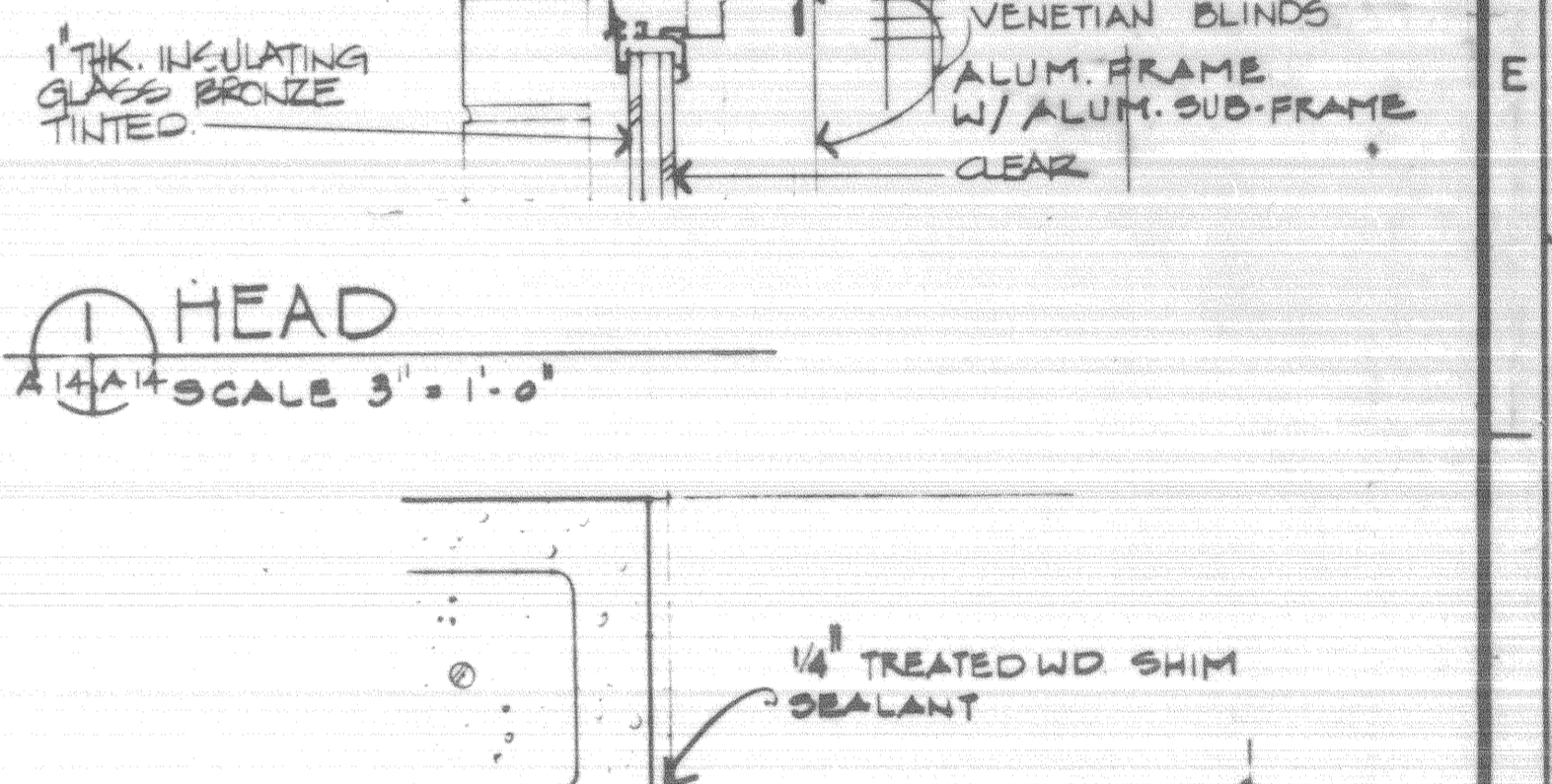
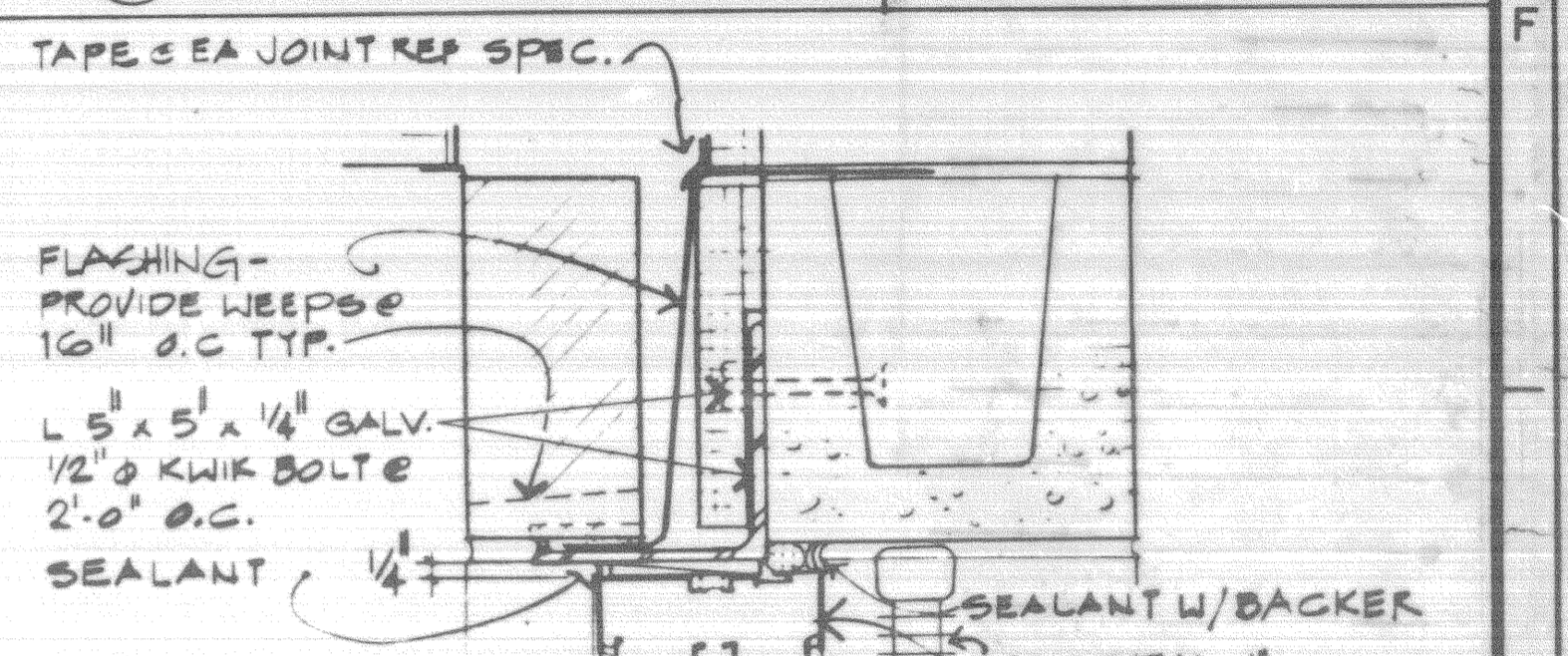
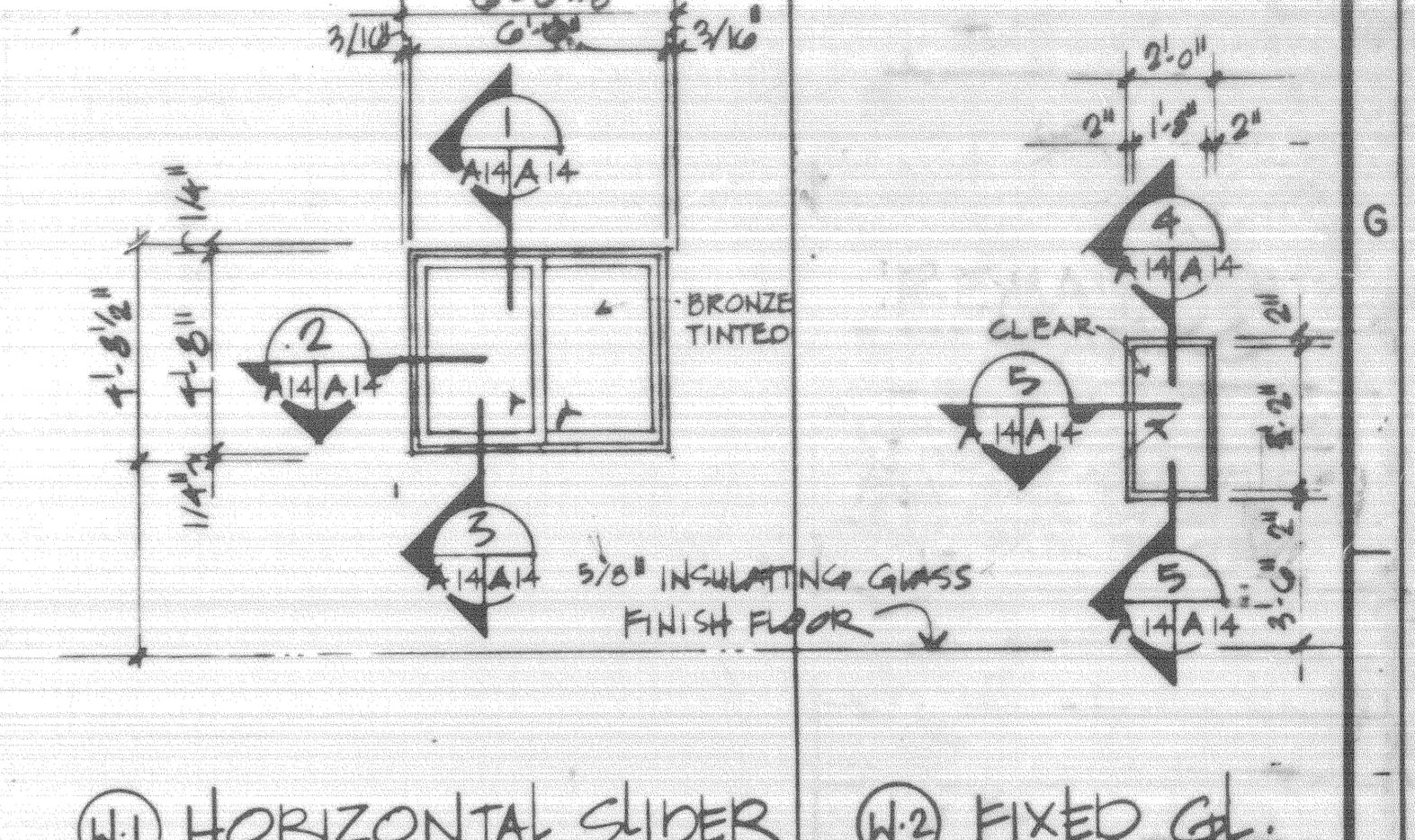
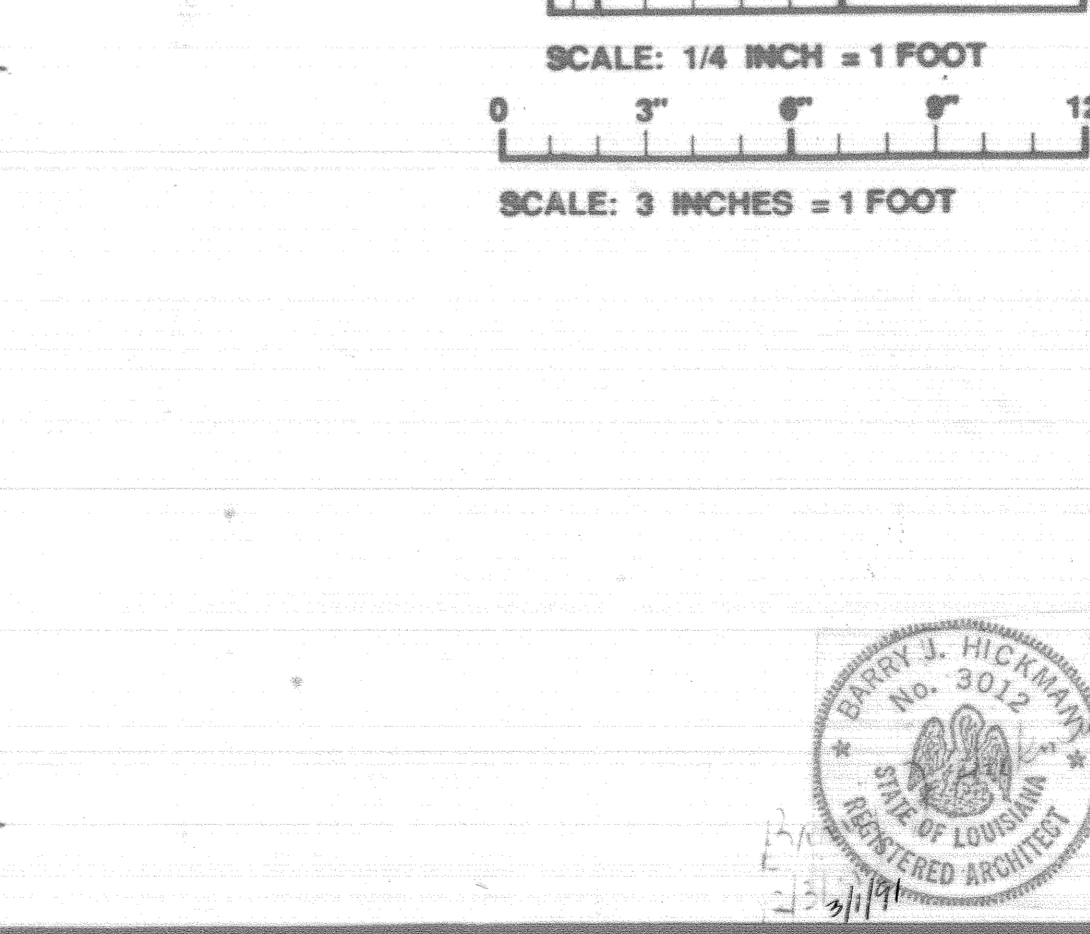
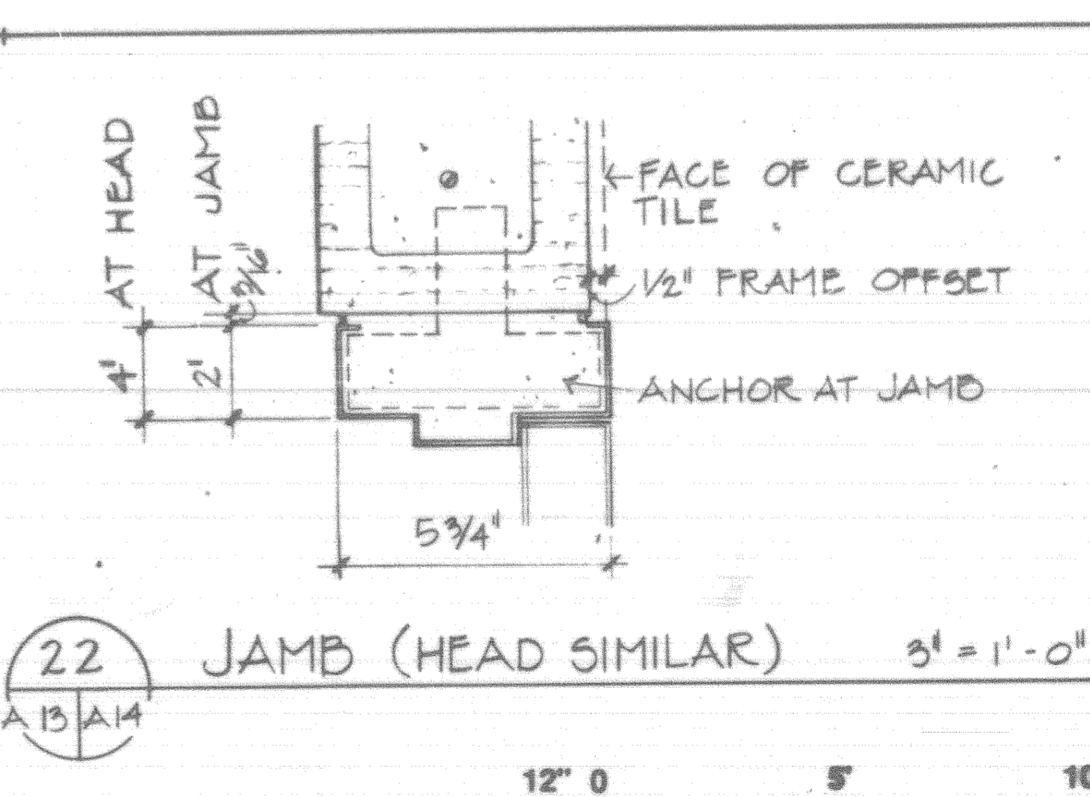
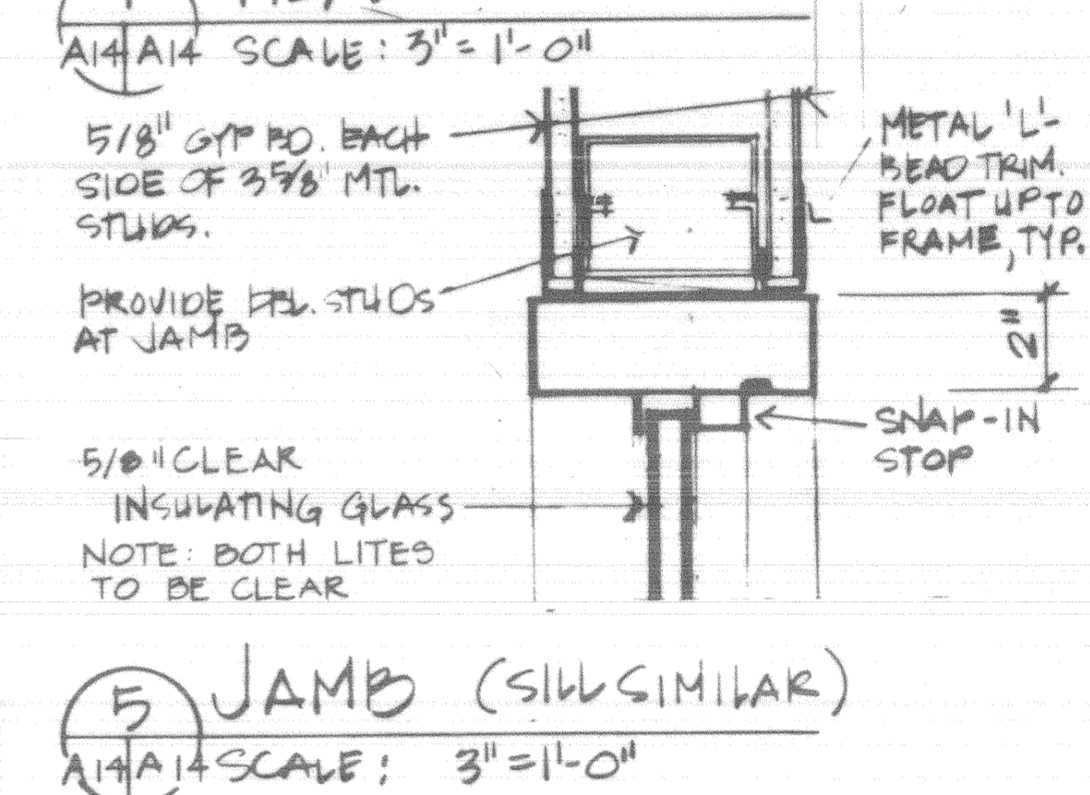
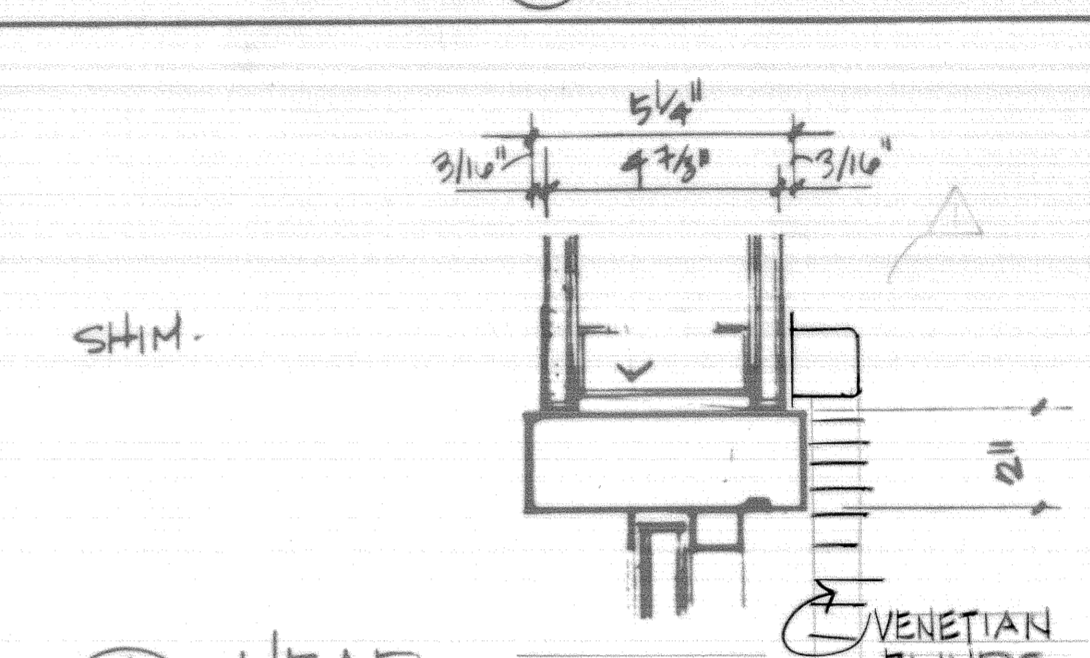
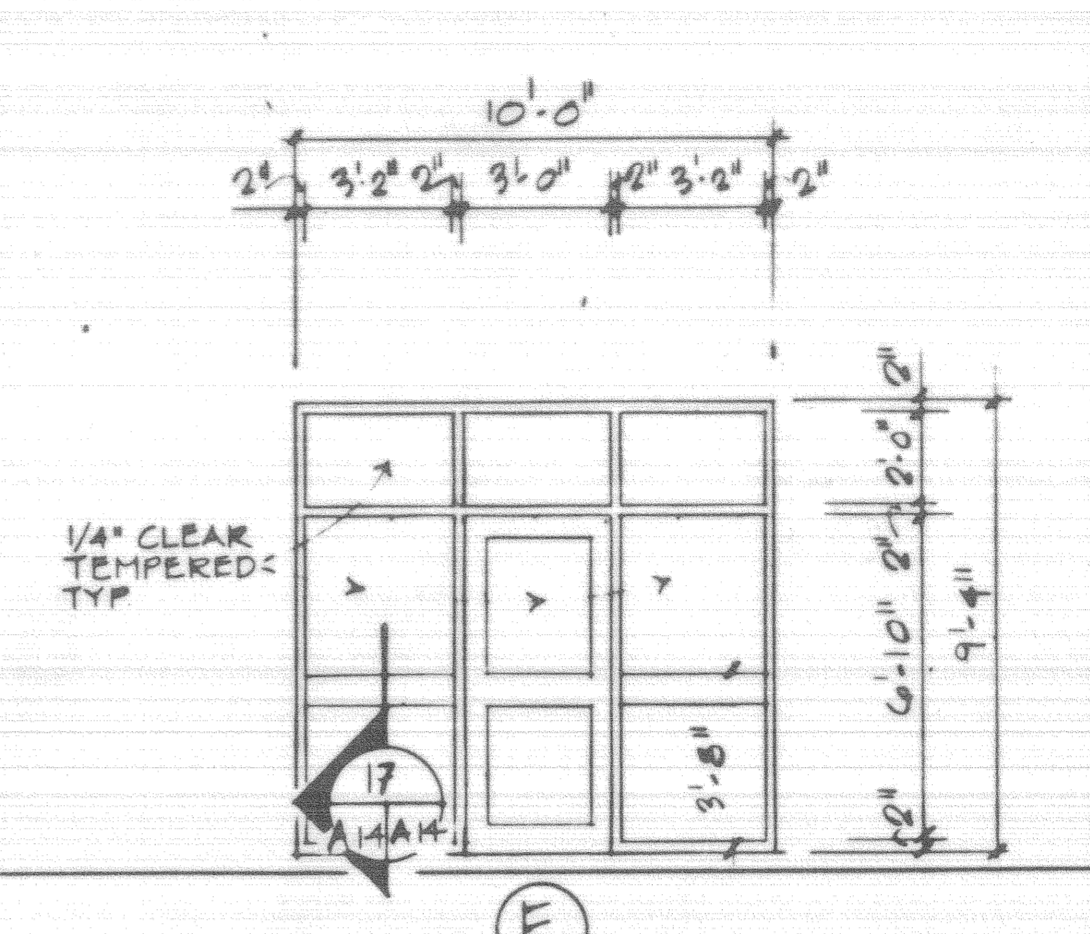
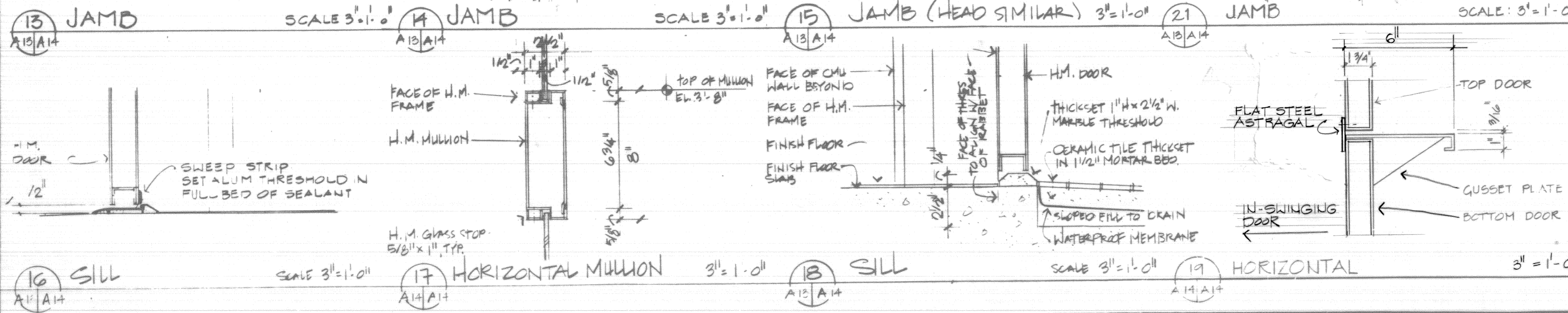
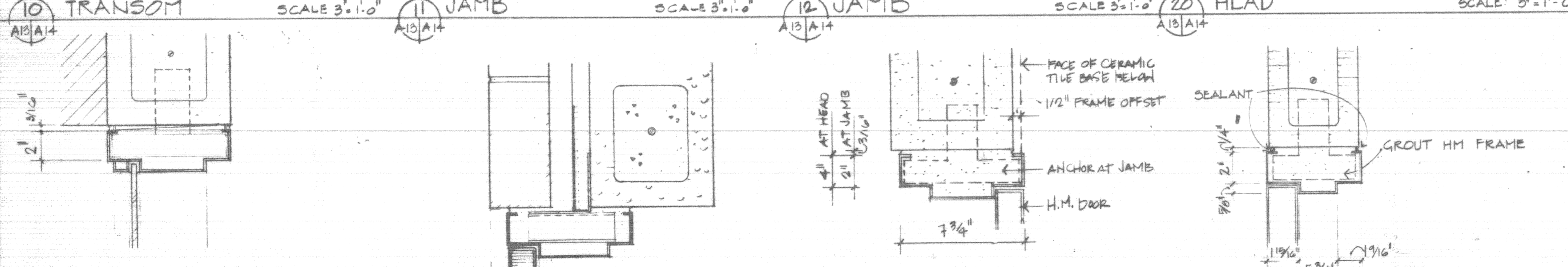
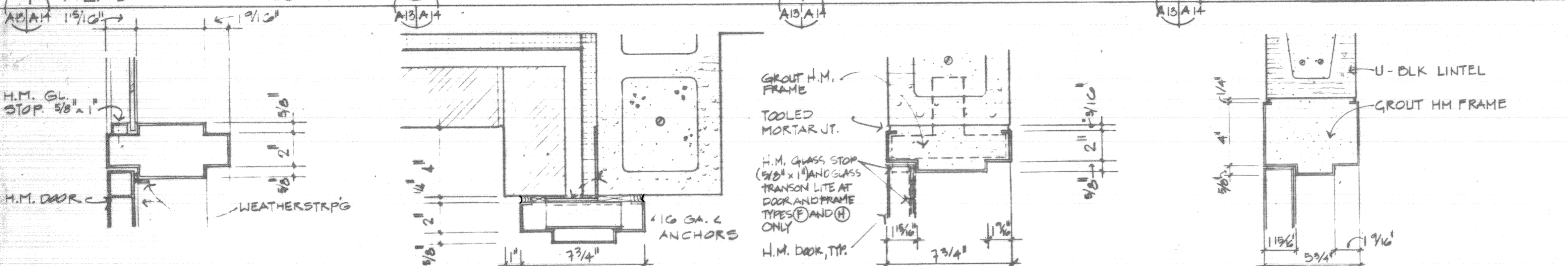
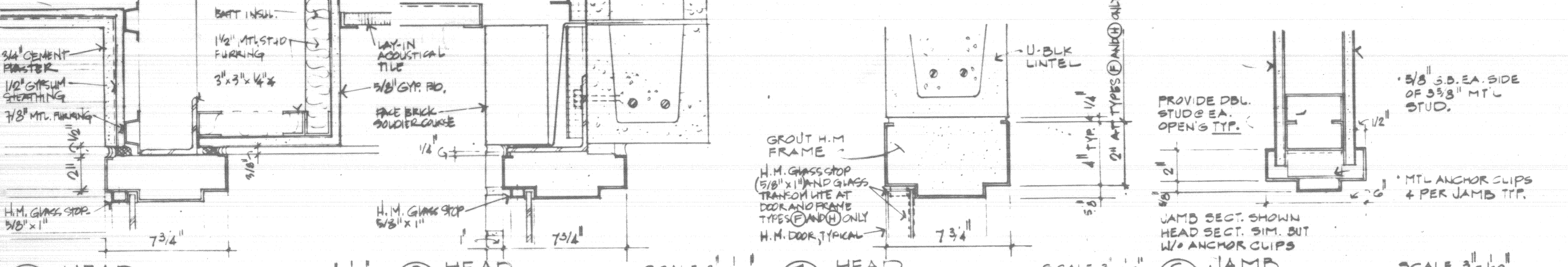
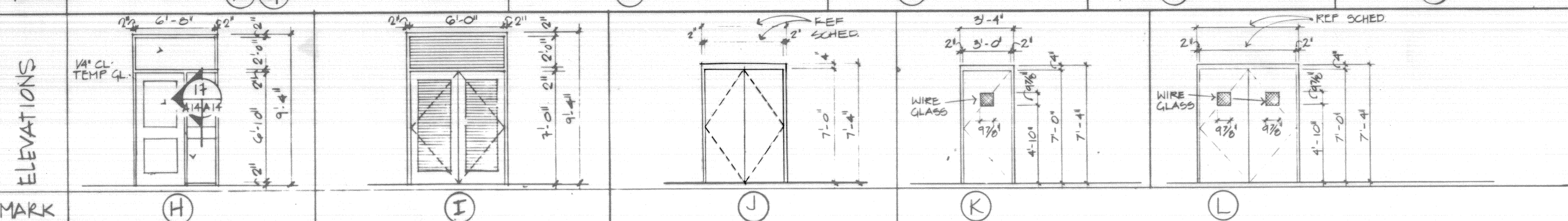
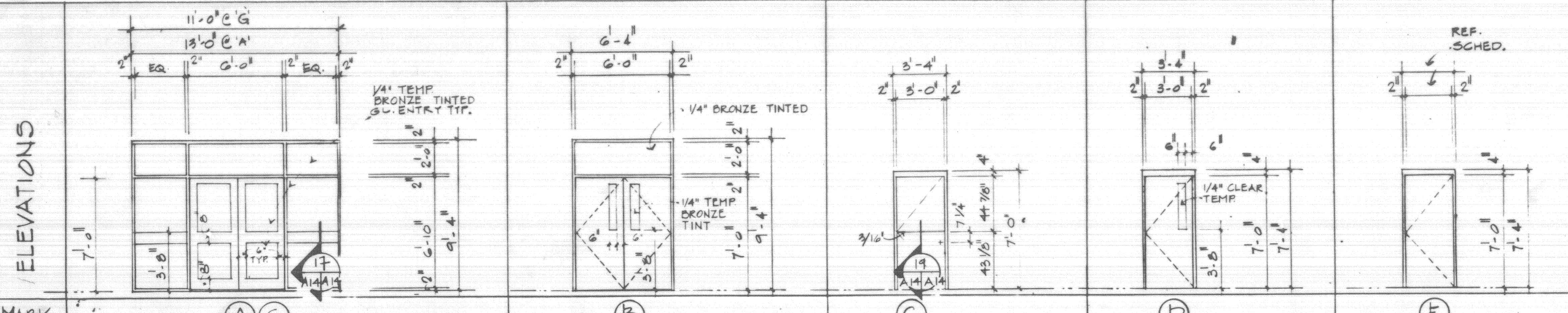
|  |   |
|--|---|
| FIRE TRAINING BUILDING   |   |
| AM#0001  | 4 JUN 92  |
| REVISED TO REFLECT W.I. CHANGES  |   |
| WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS            |
| DESIGNED BY:<br>L.B.   | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS  |
| DRAWN BY:<br>E.L.V.  | FIRE TRAINING COMPLEX<br>1/4 FLOOR PLAN - TOILET / SHOWER<br>ROOM<br>(FIRE TRAINING BUILDING) |
| REVIEWED BY:<br>C.M.   |   |
| SUBMITTED BY:<br>M.P.  | SOL. NO. DACAG3-92-B-0197 DATED: JUN. 1992  |
| ENGINEER:<br>M.P.  | CONTR. NO. DACAG3-92-C-0185   |
|  | DRAWING NUMBER: A-11 OF 62  |
|  | SEQUENCE NO. 95   |





DOOR AND FRAME TYPES

WINDOW TYPES



12' 0" 5' 10" 12"

SCALE: 1/4" = 1 FOOT

SCALE: 3" = 1 FOOT

AMHP0001 4 JUN 92 REVISED TO REFLECT W.I. CHANGES

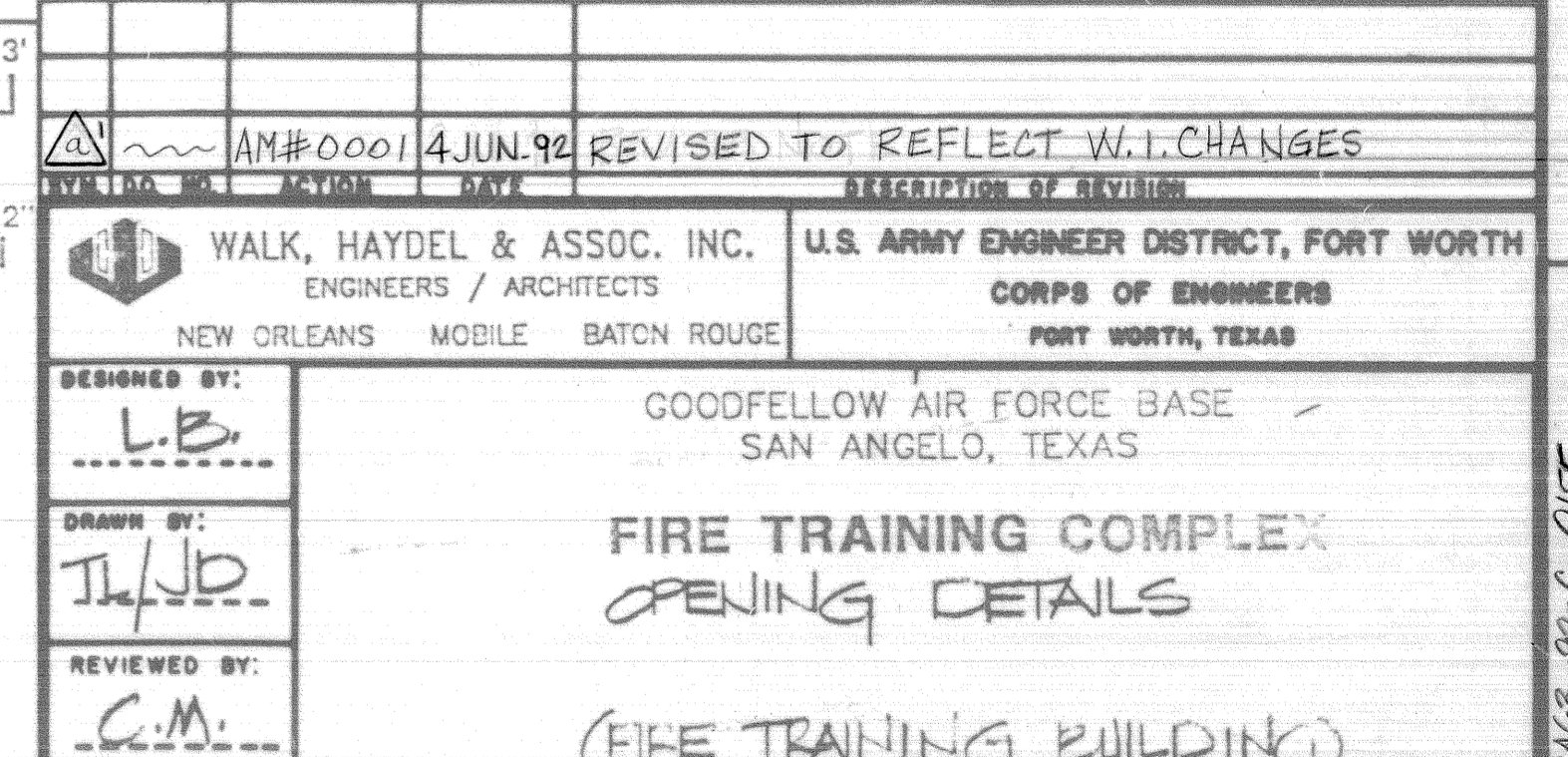
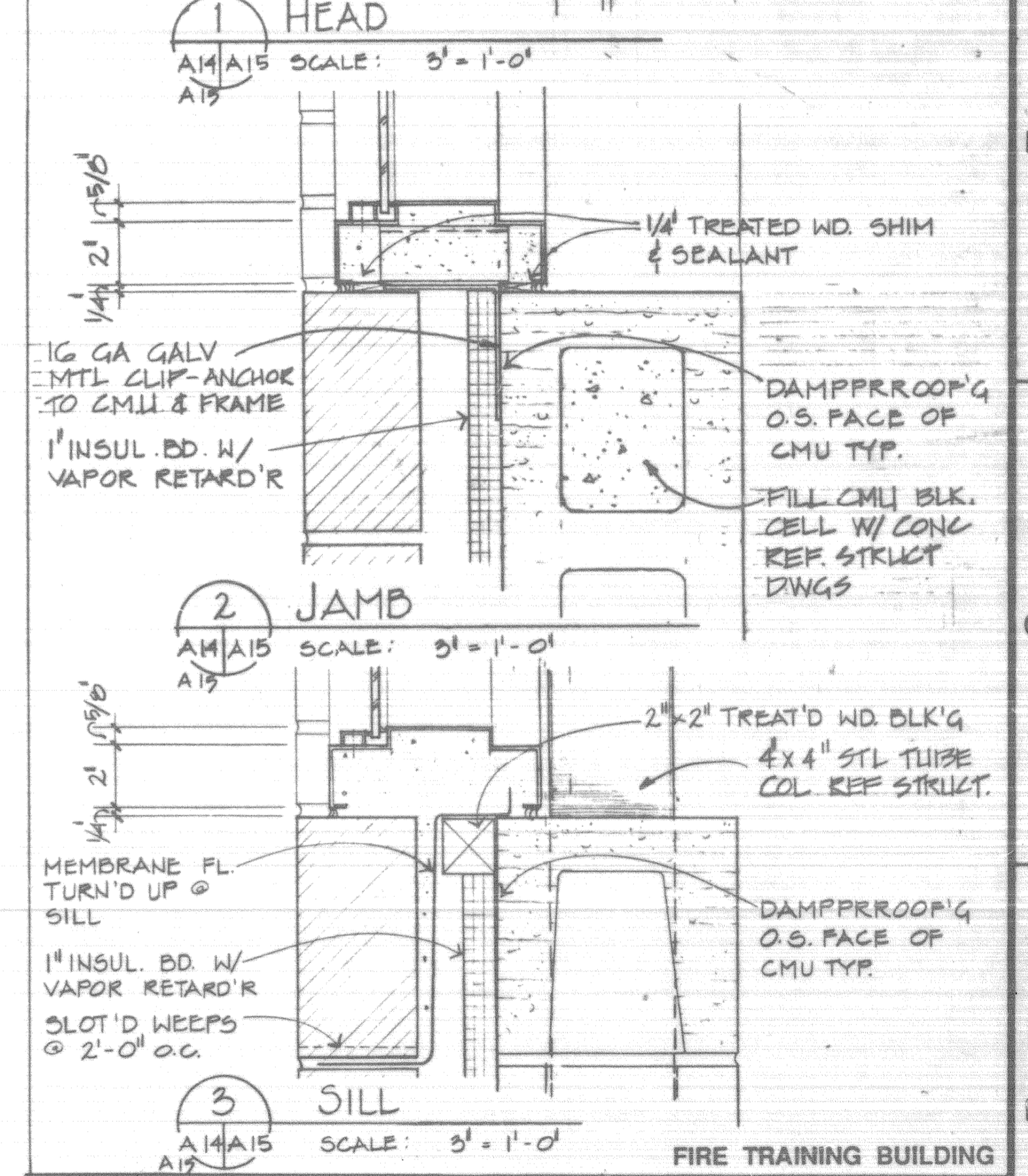
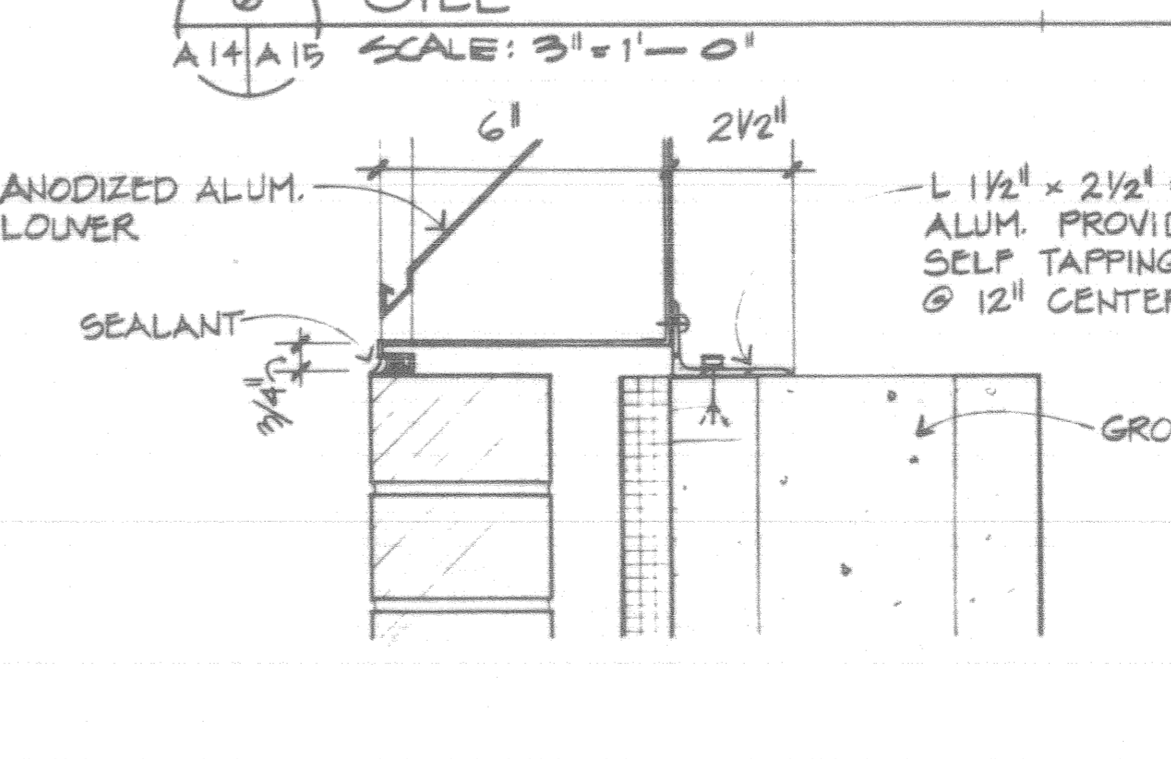
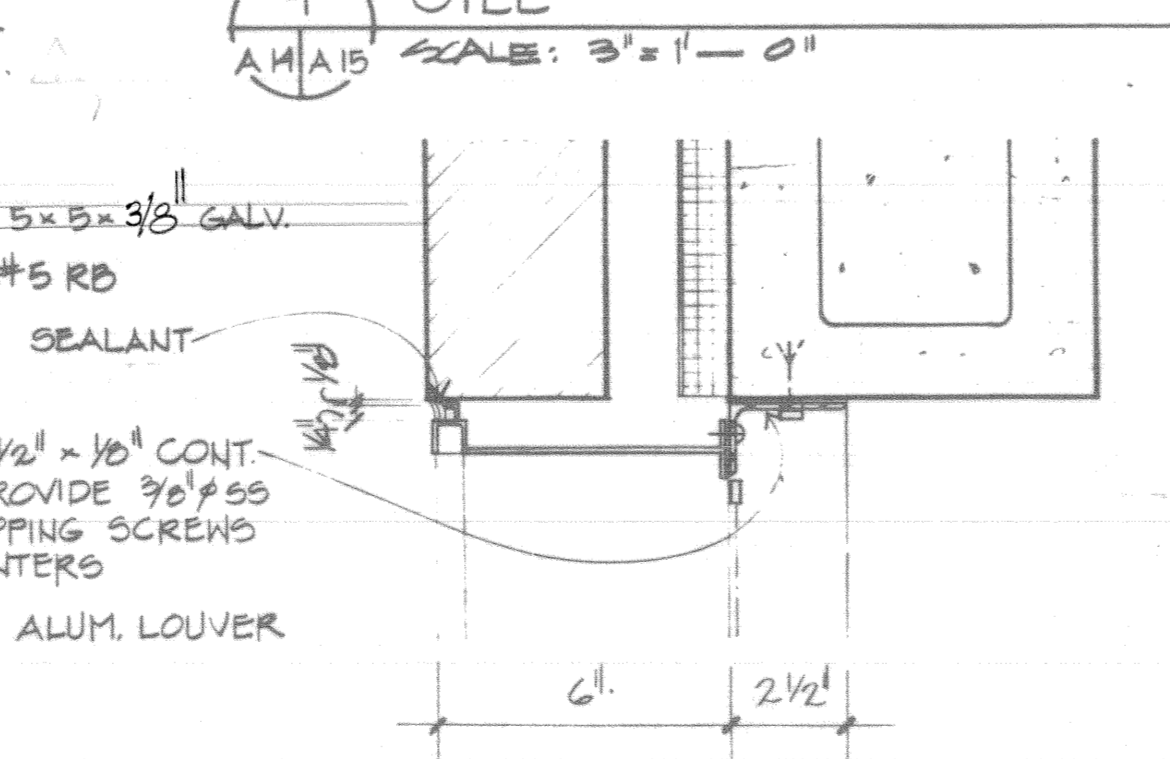
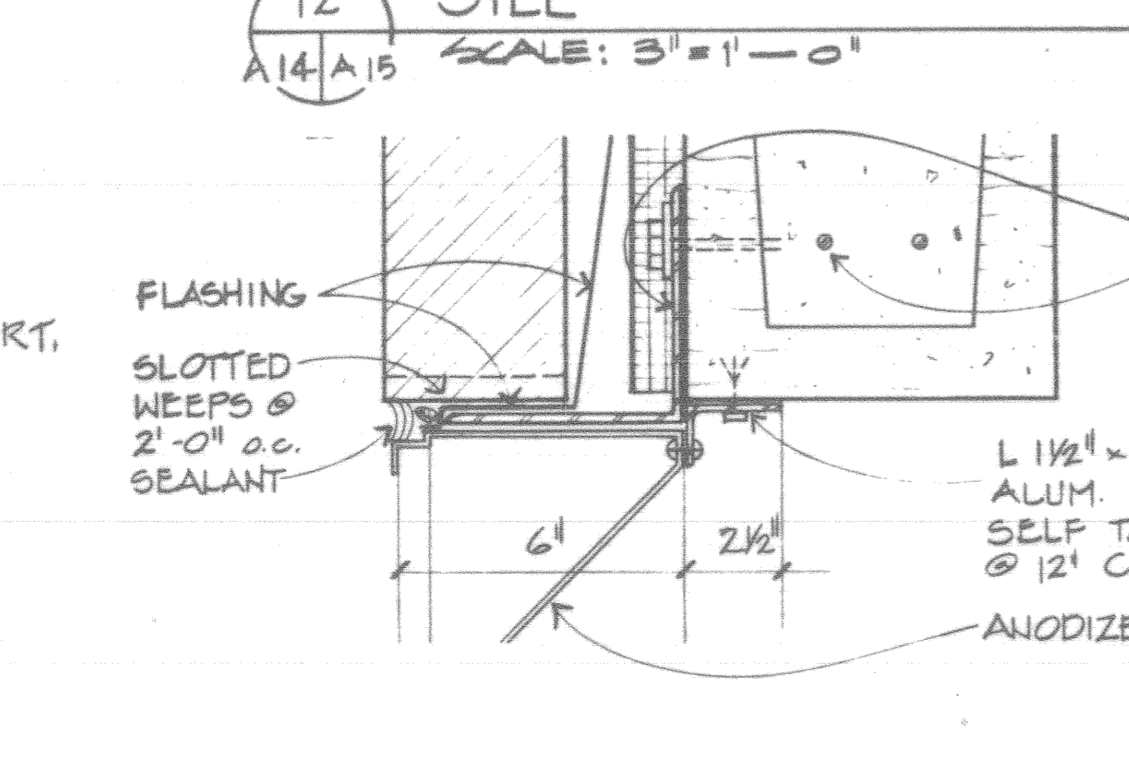
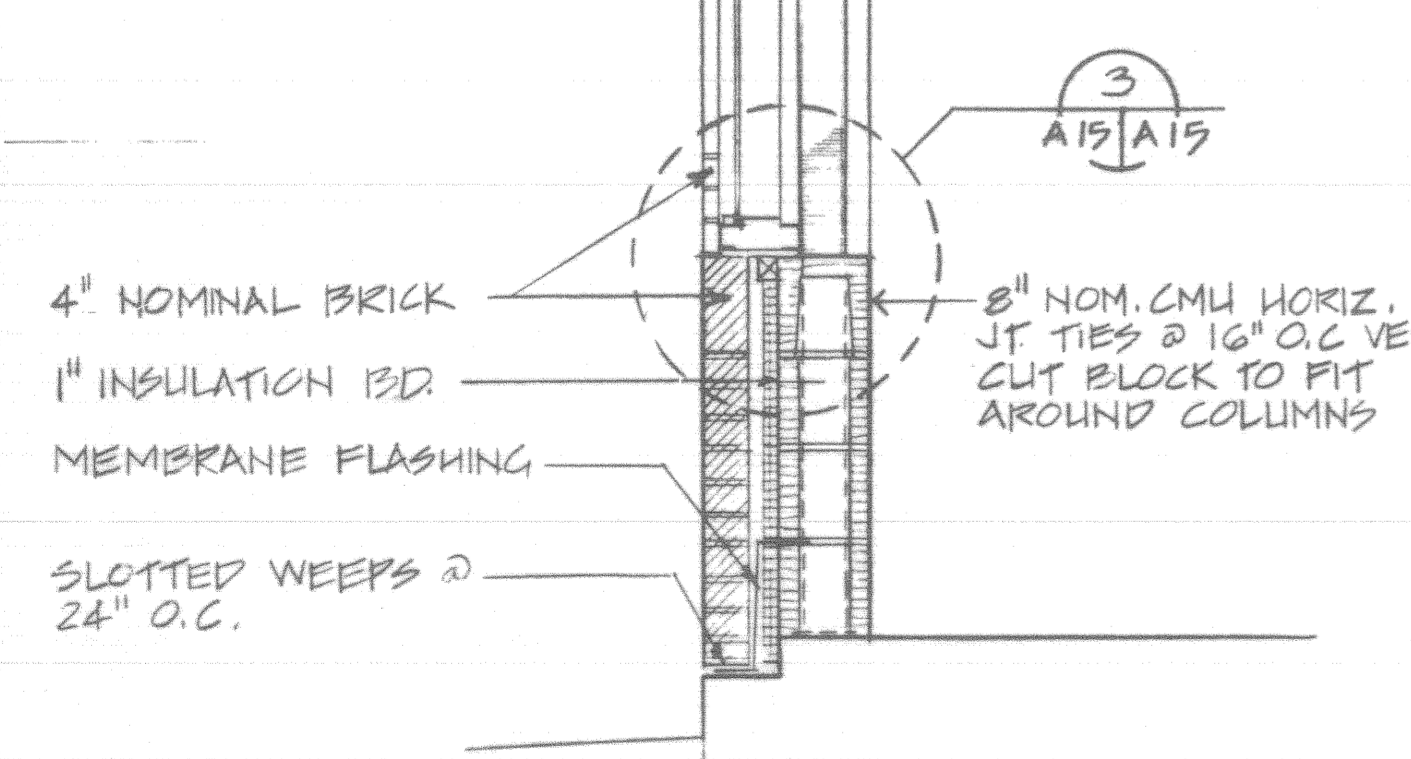
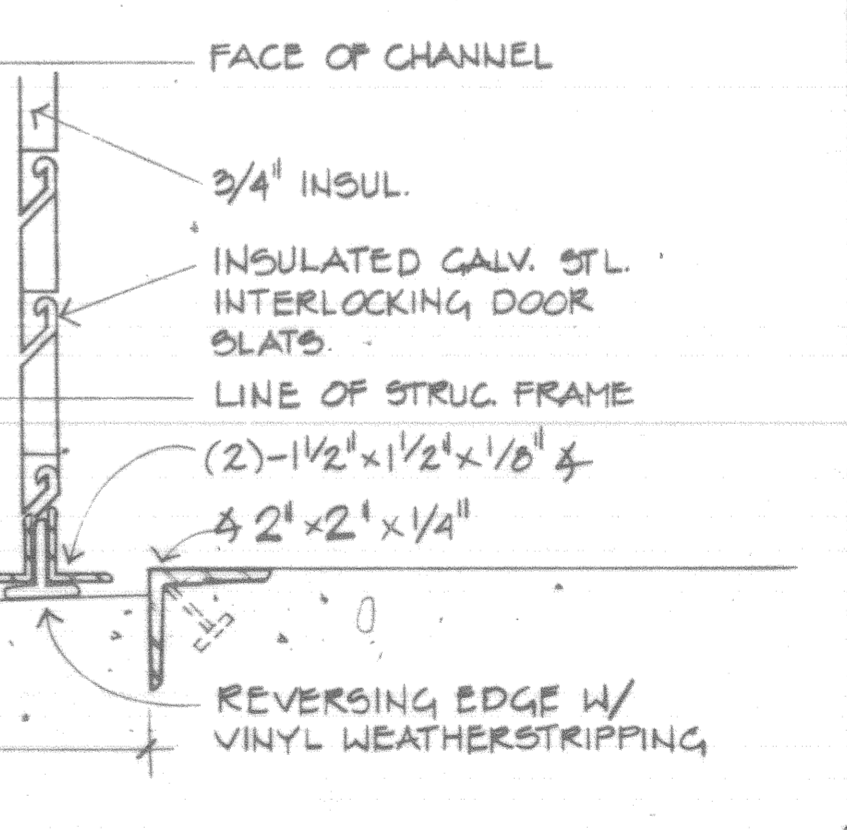
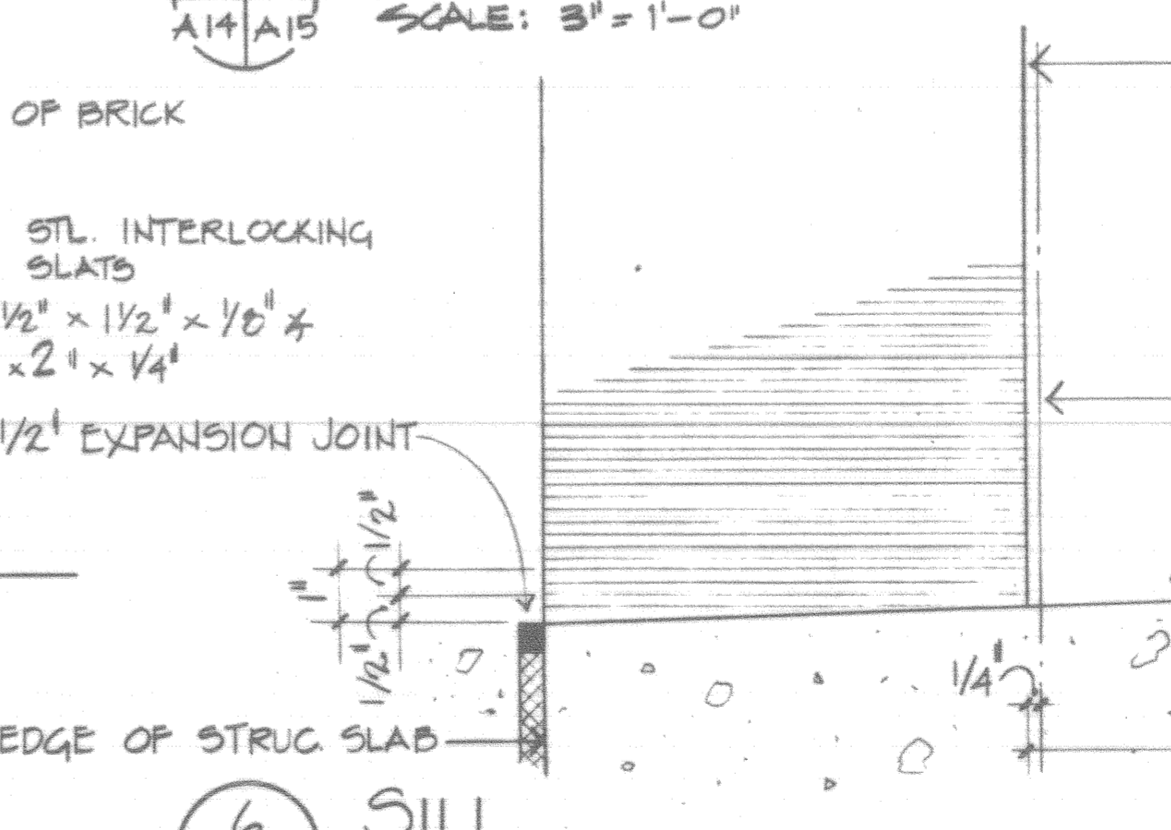
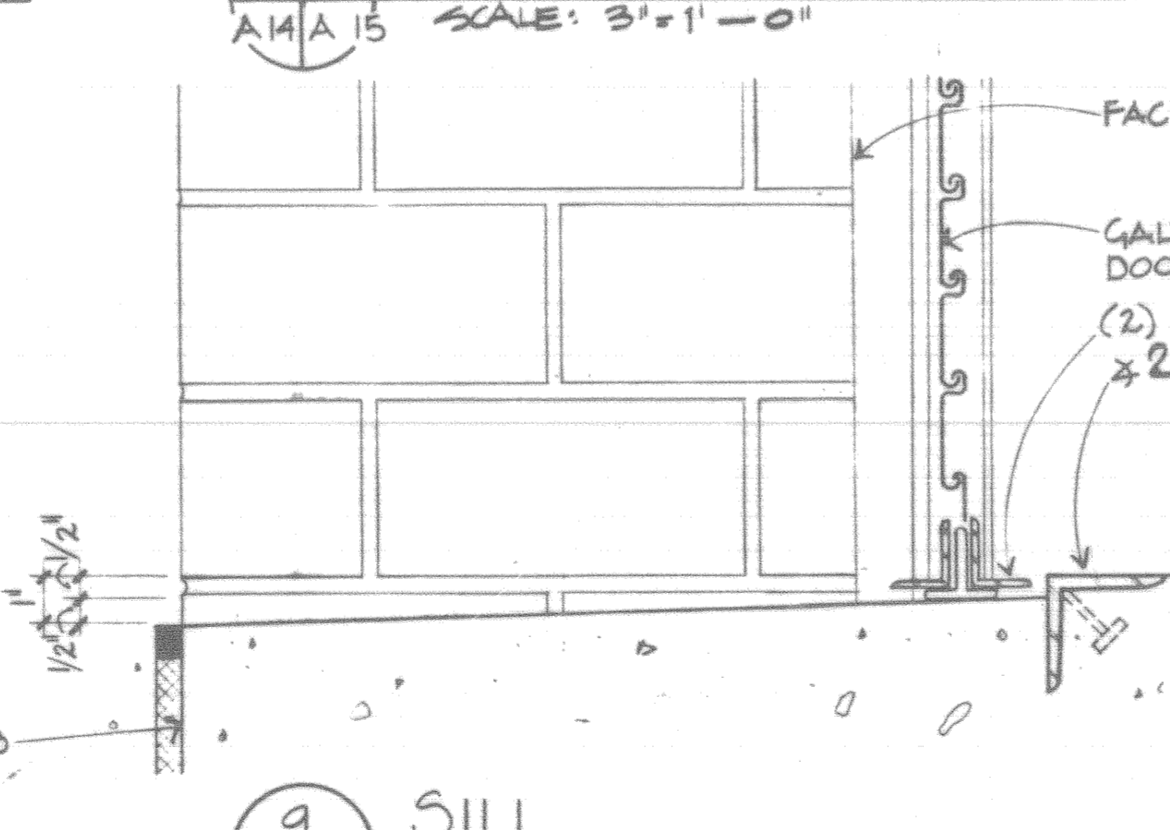
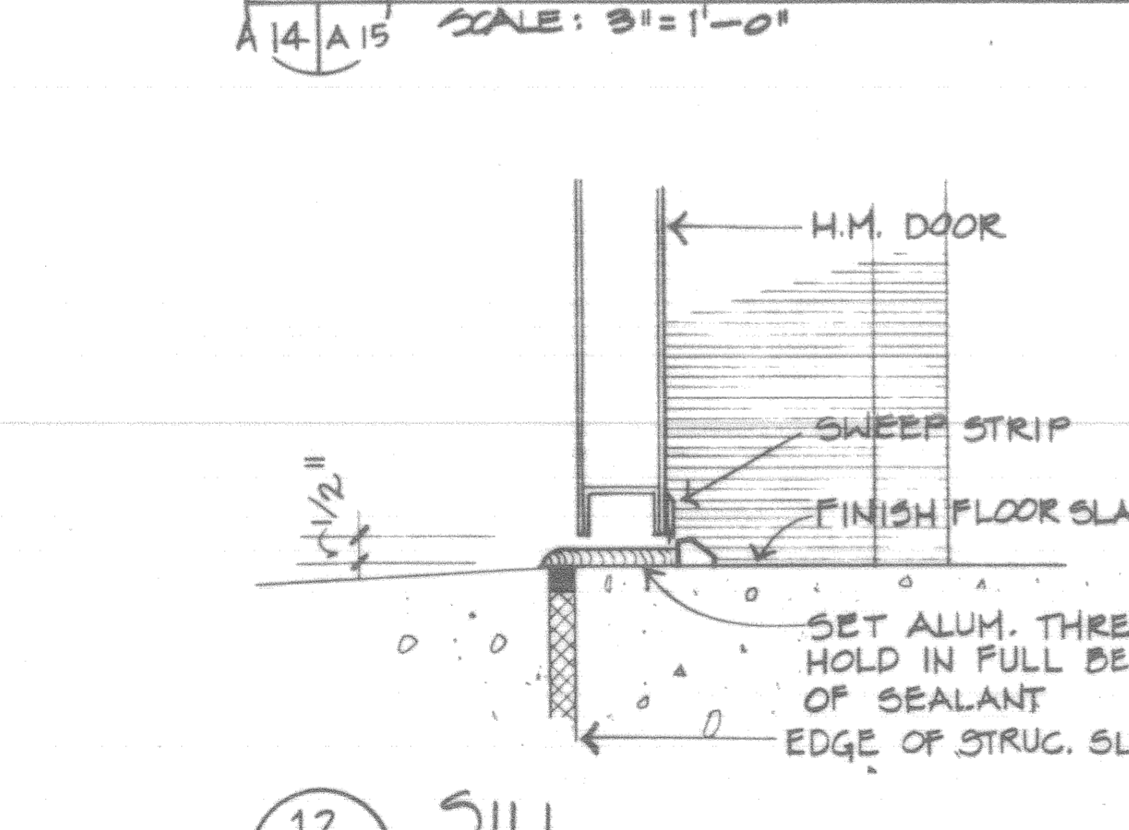
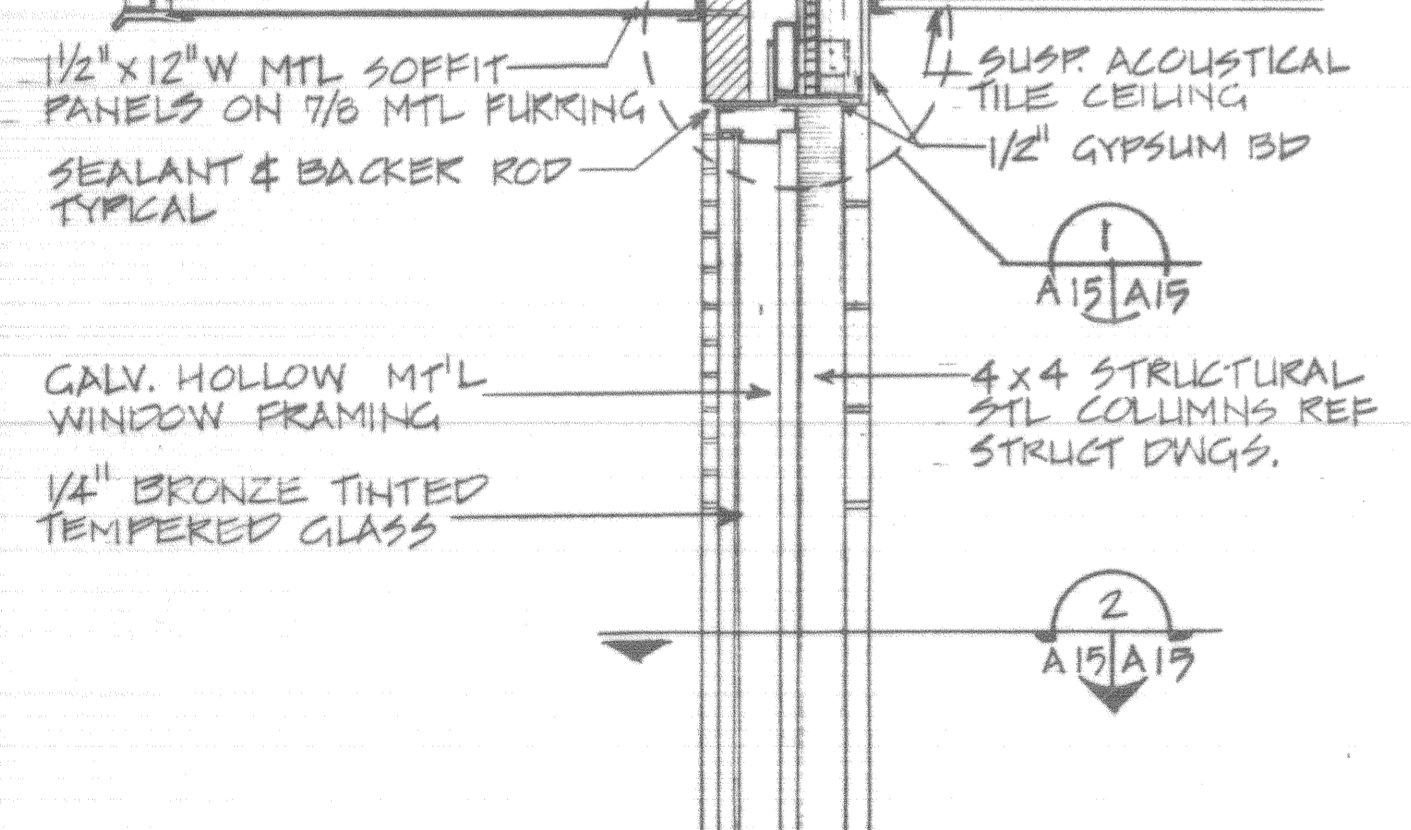
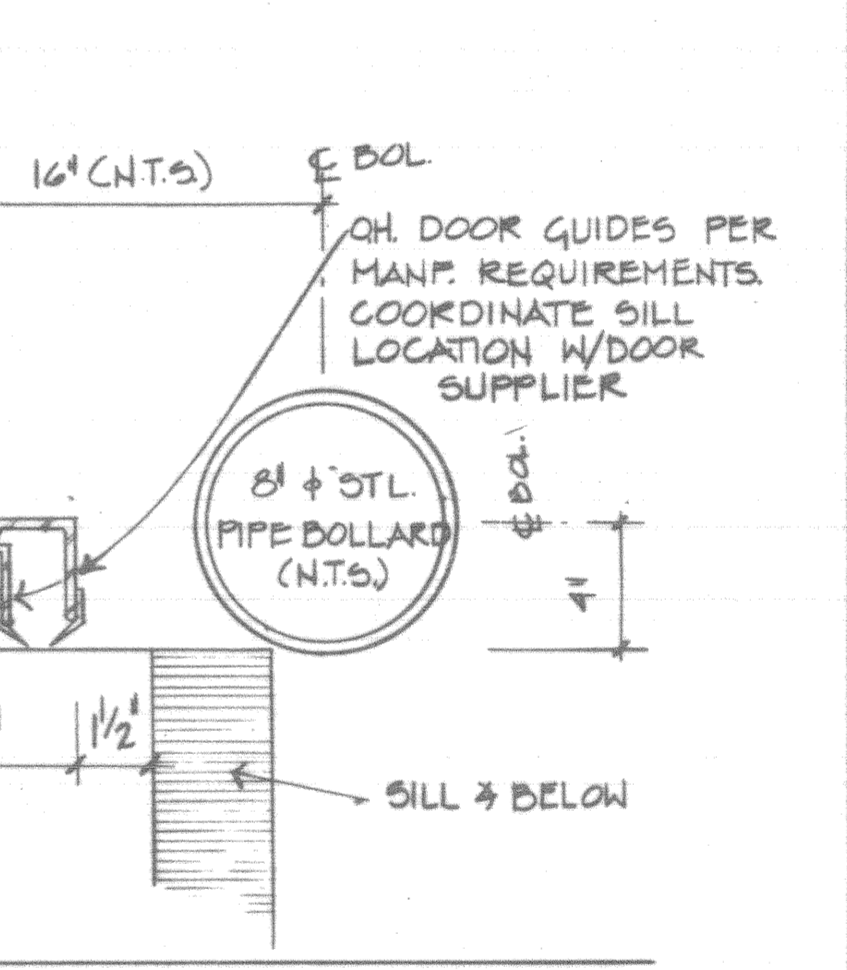
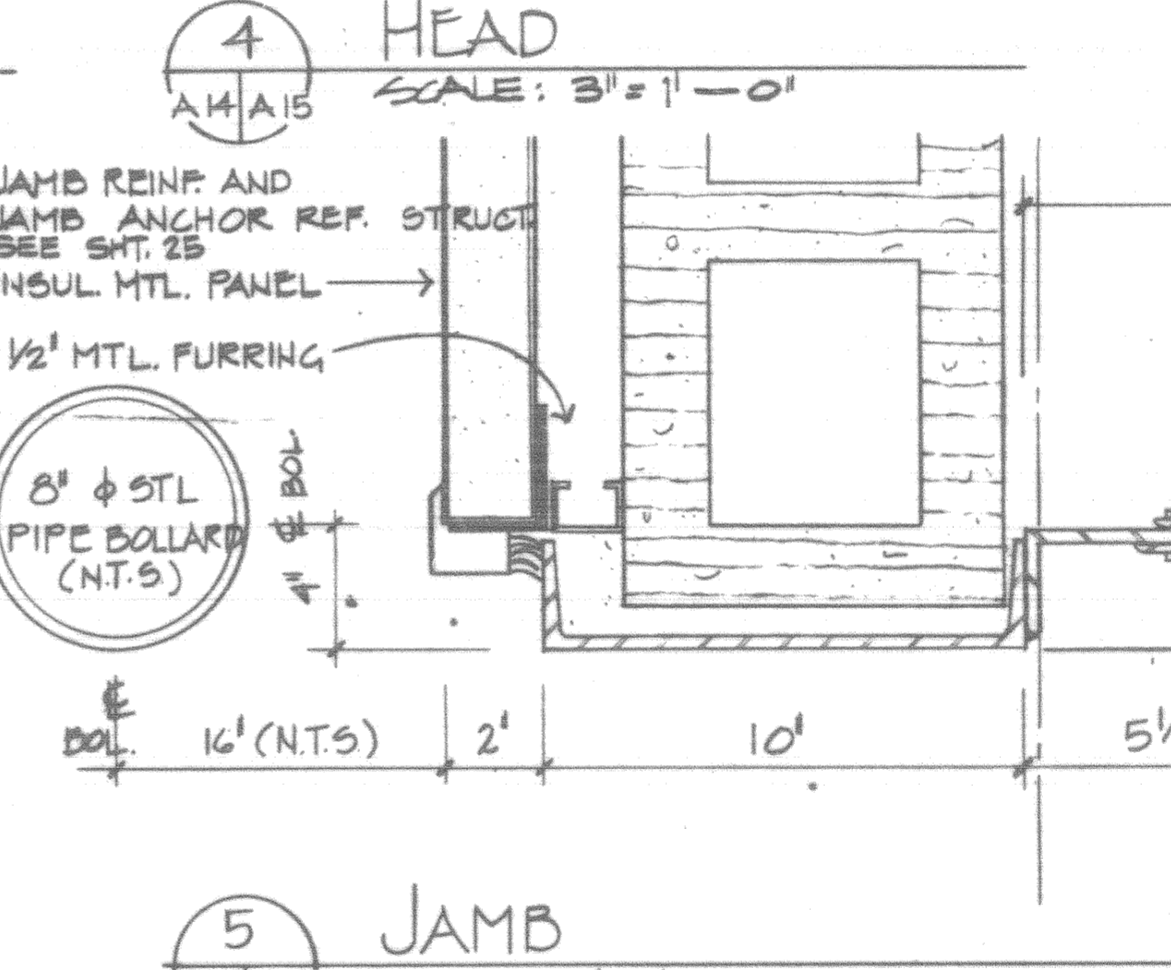
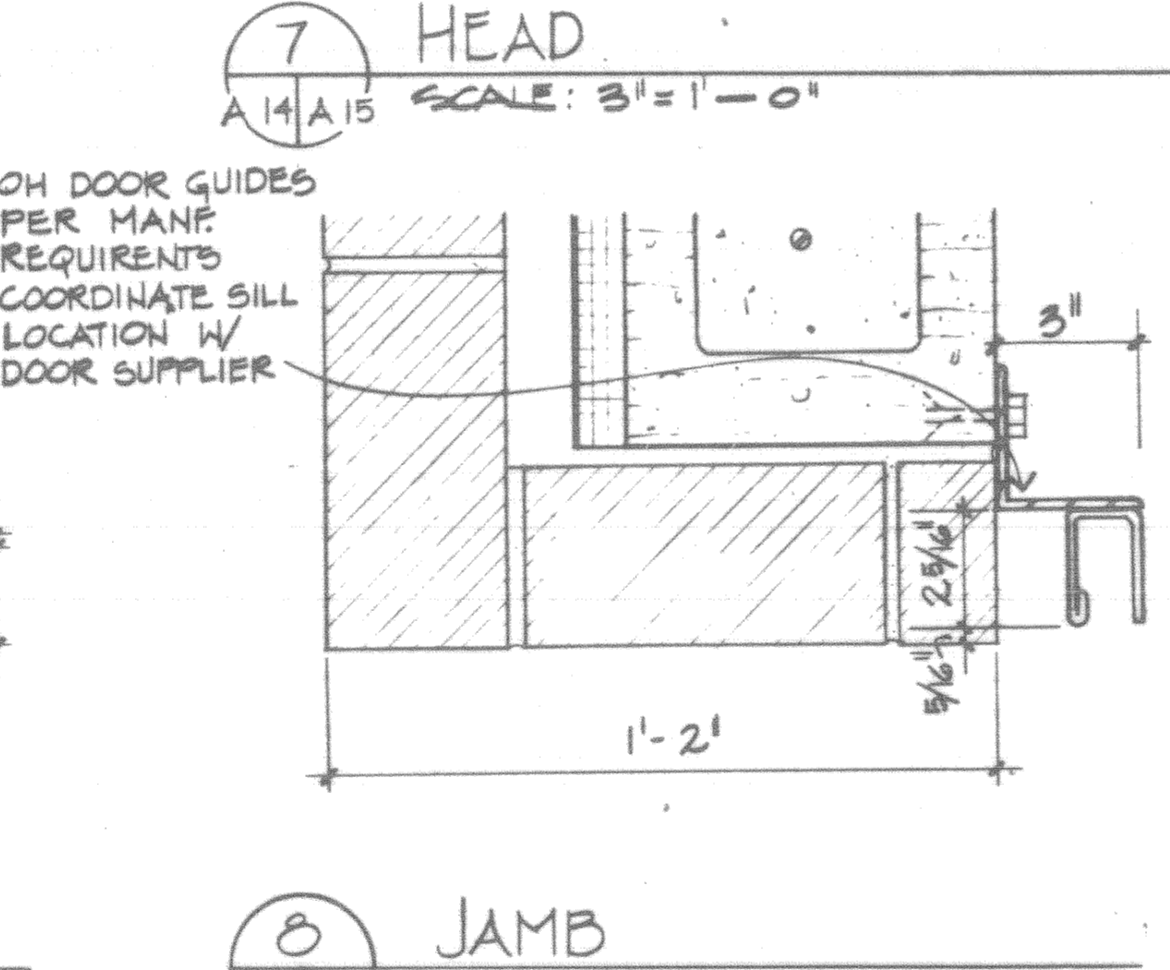
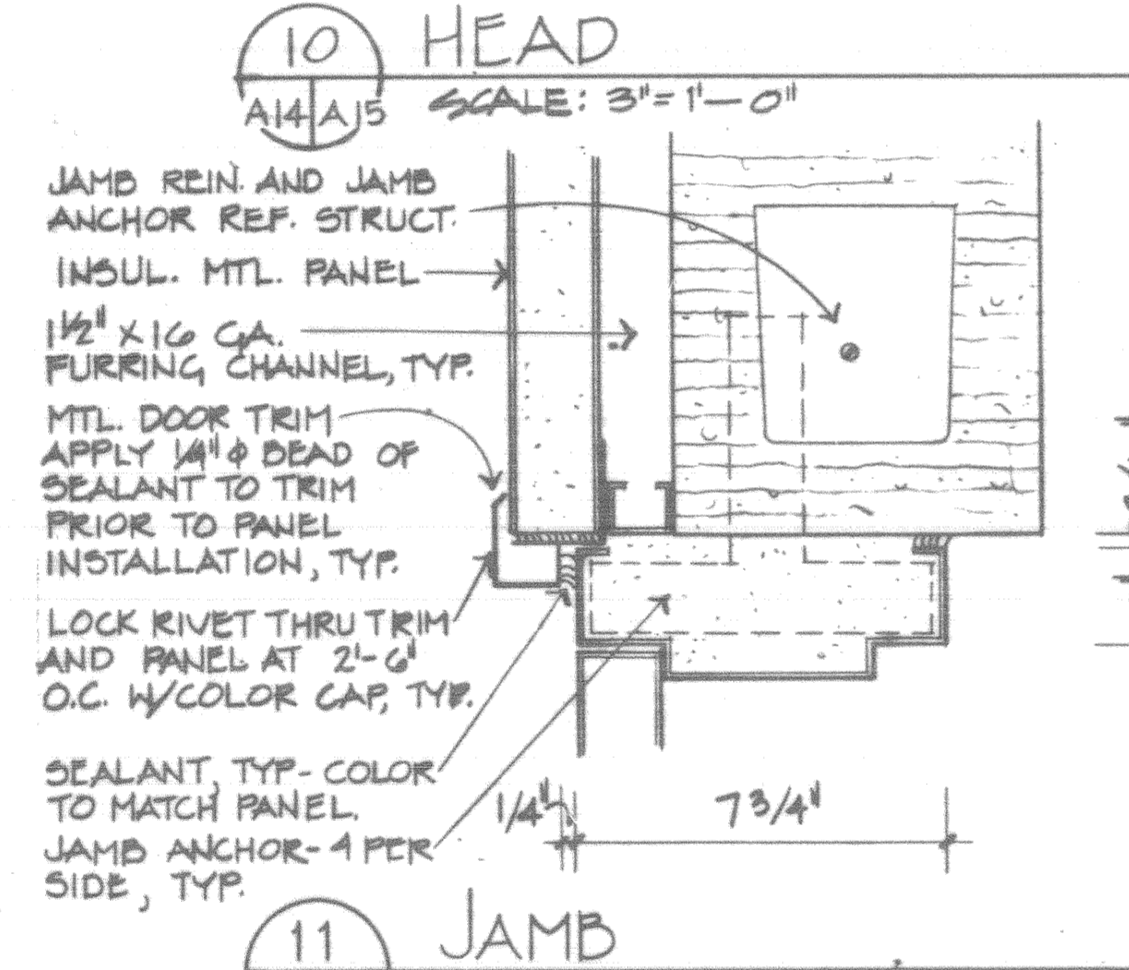
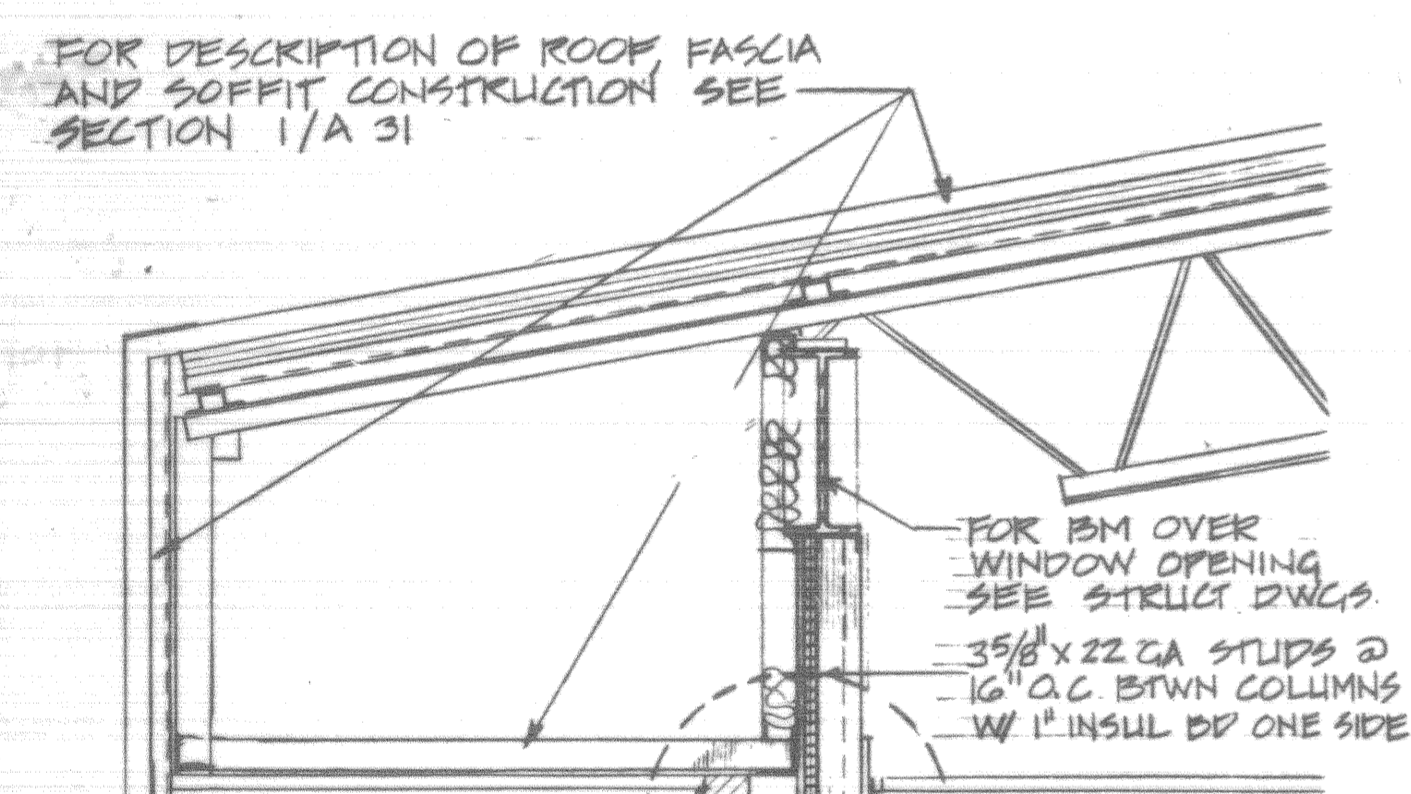
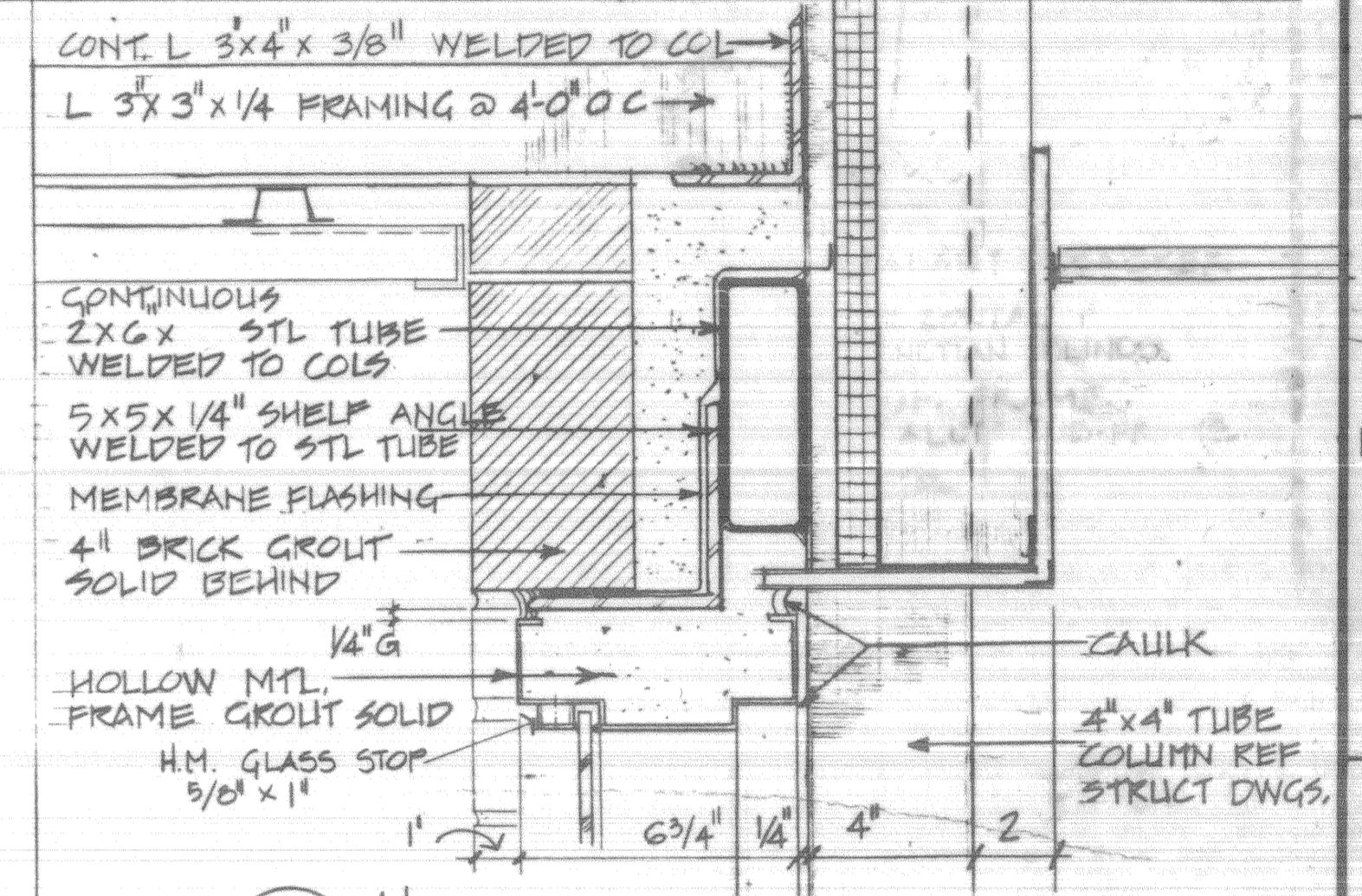
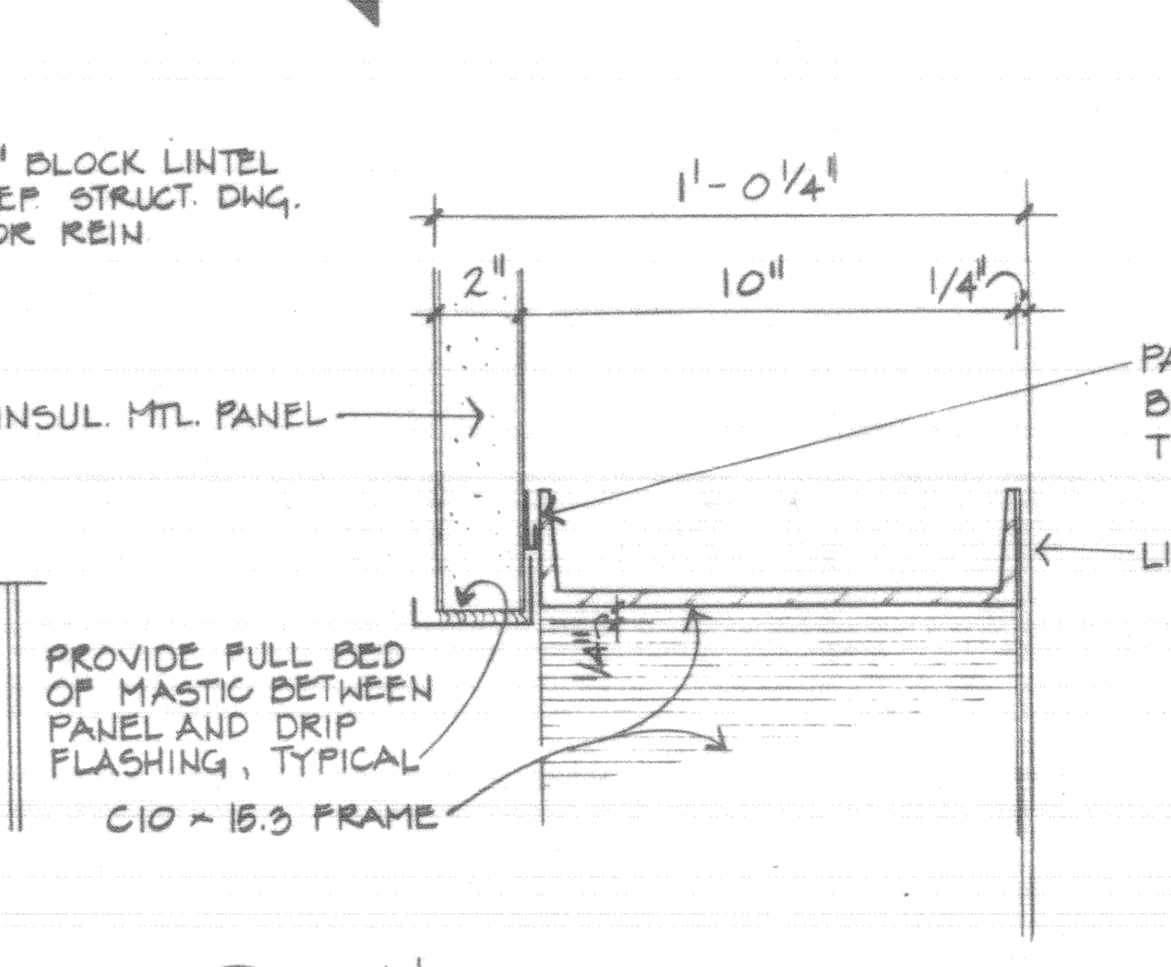
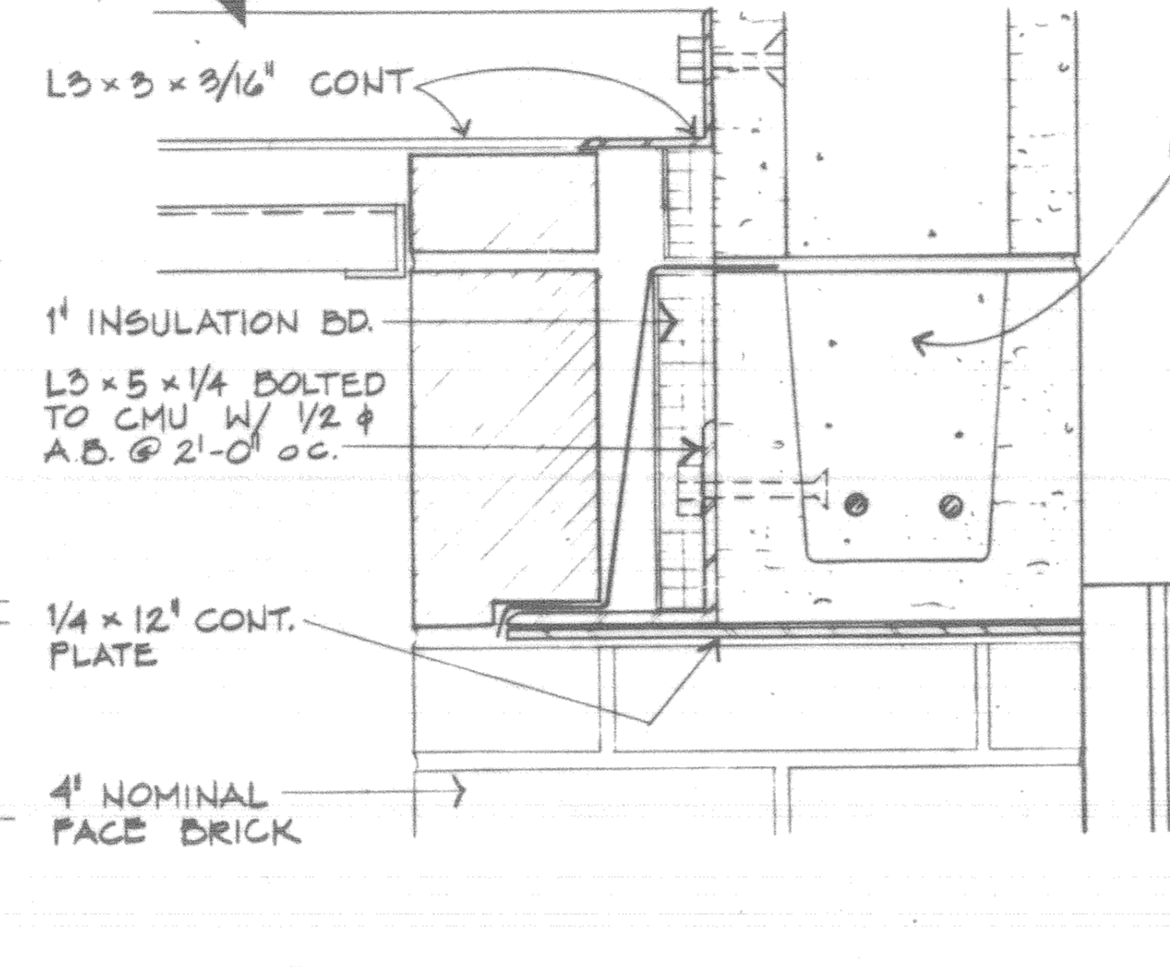
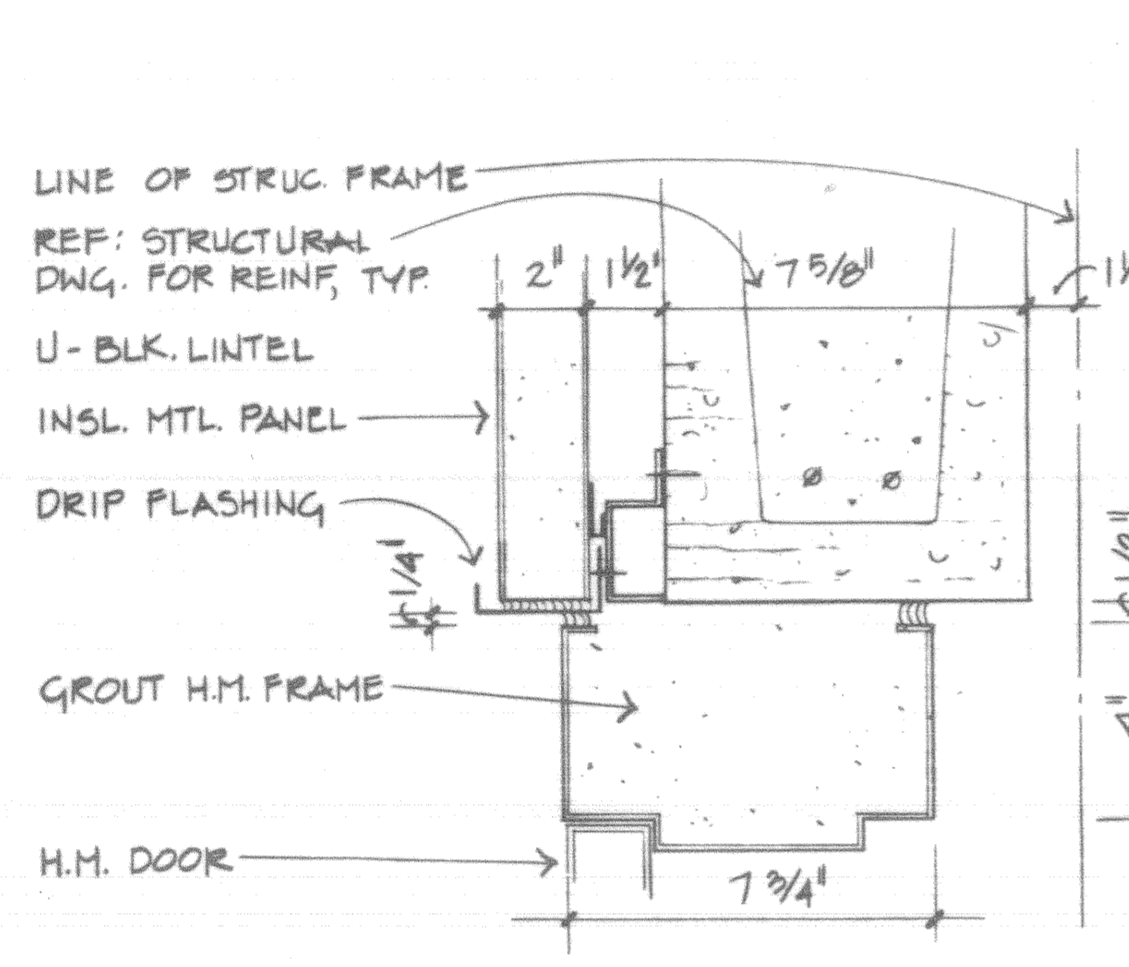
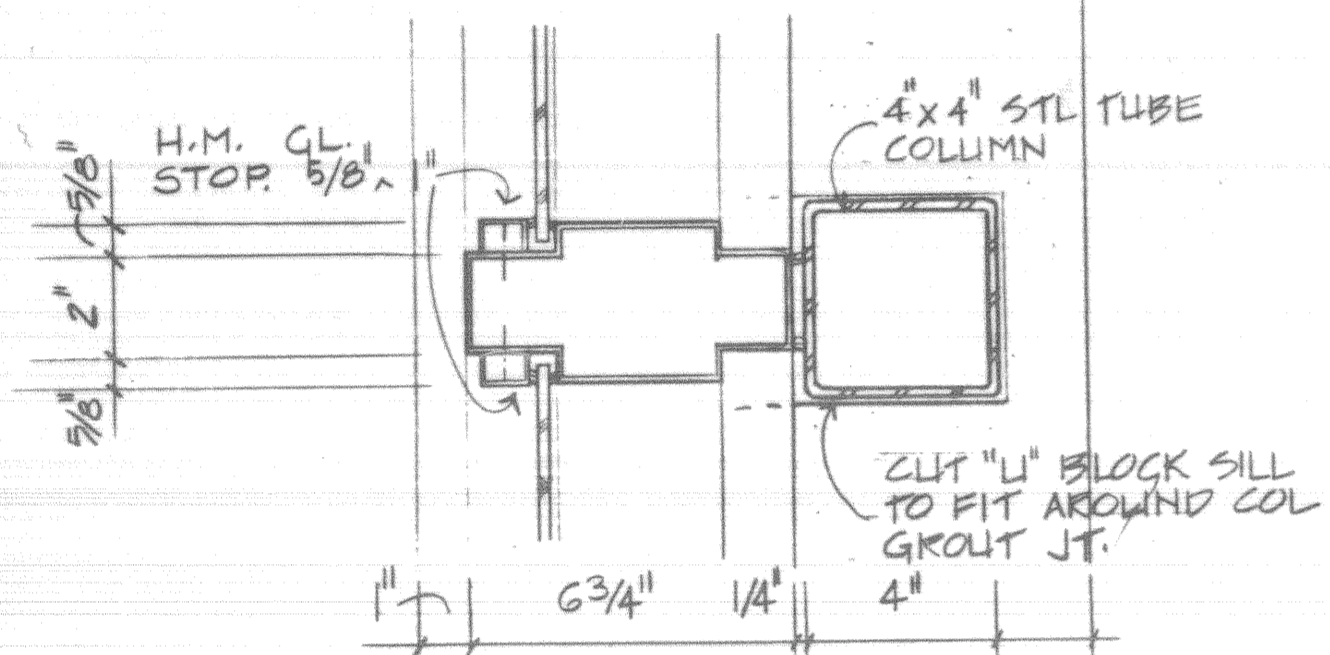
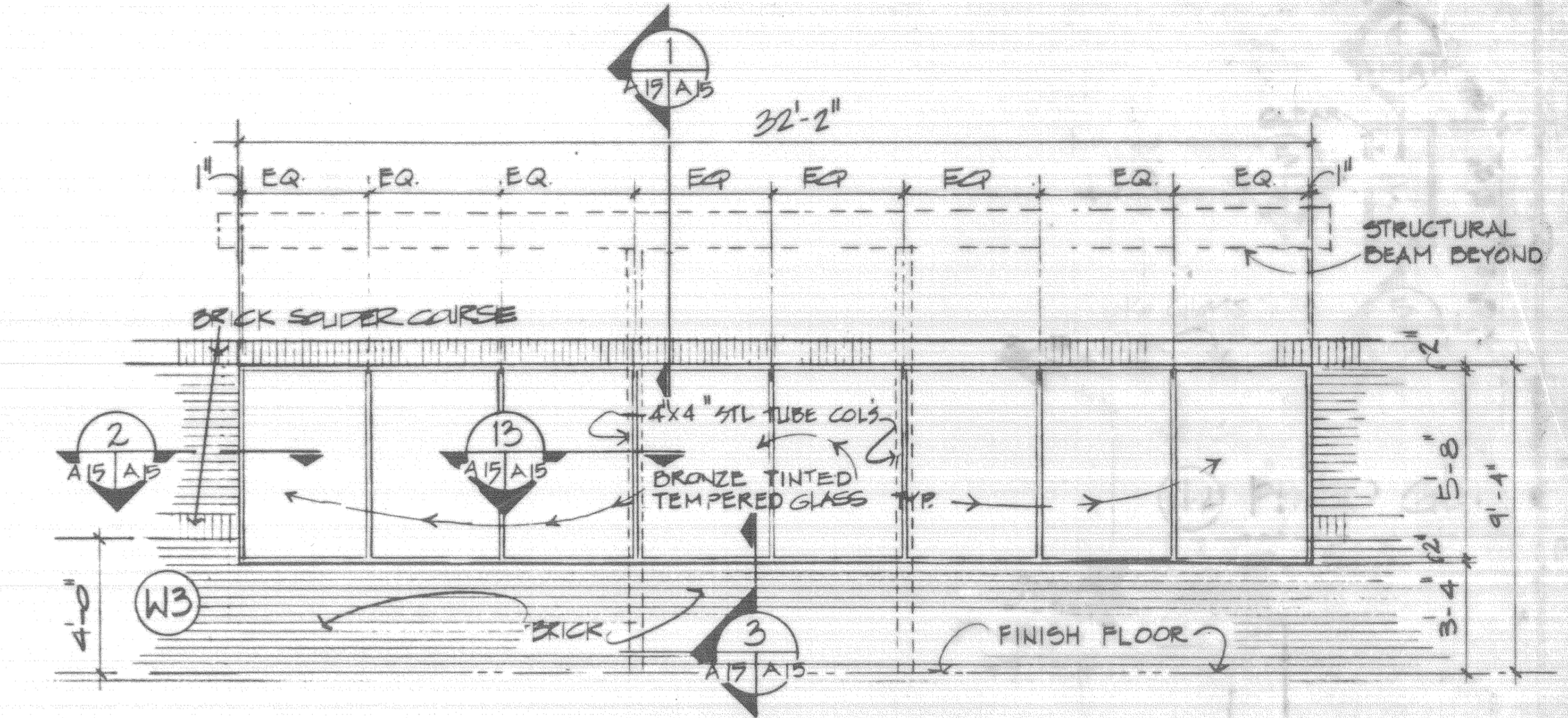
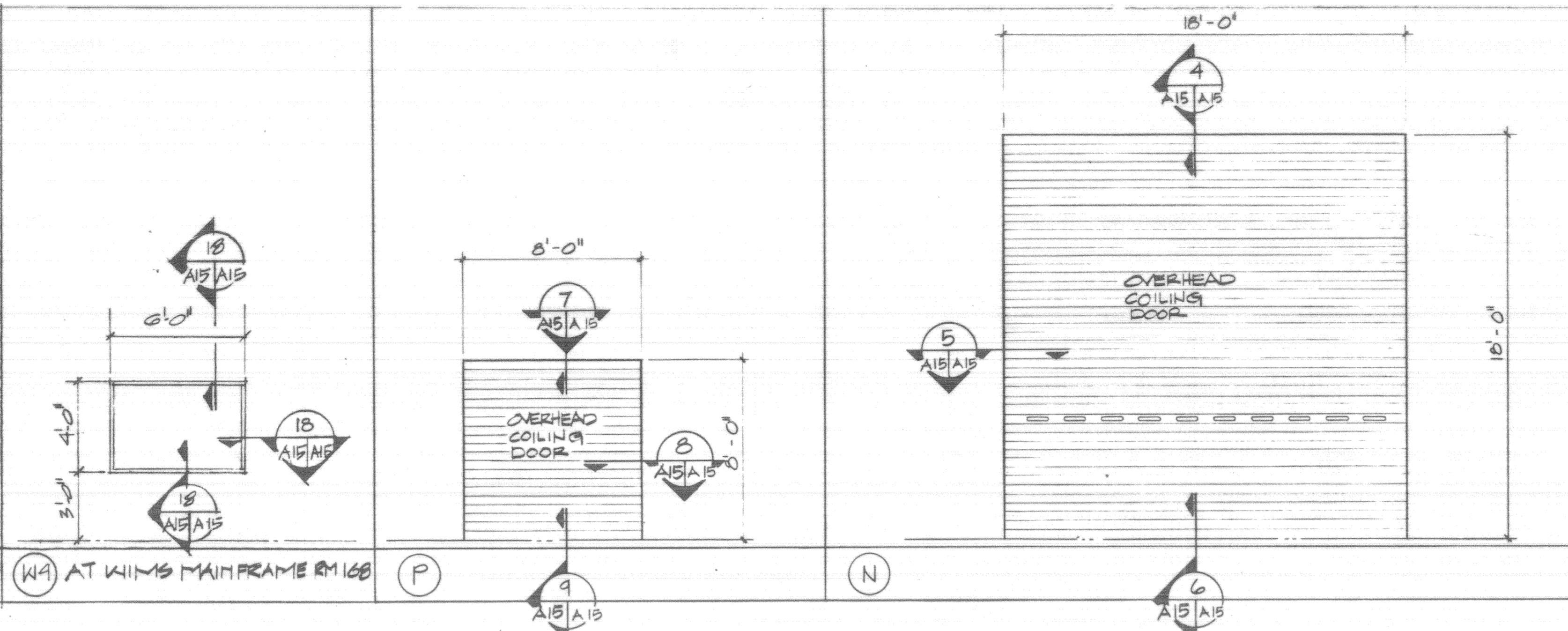
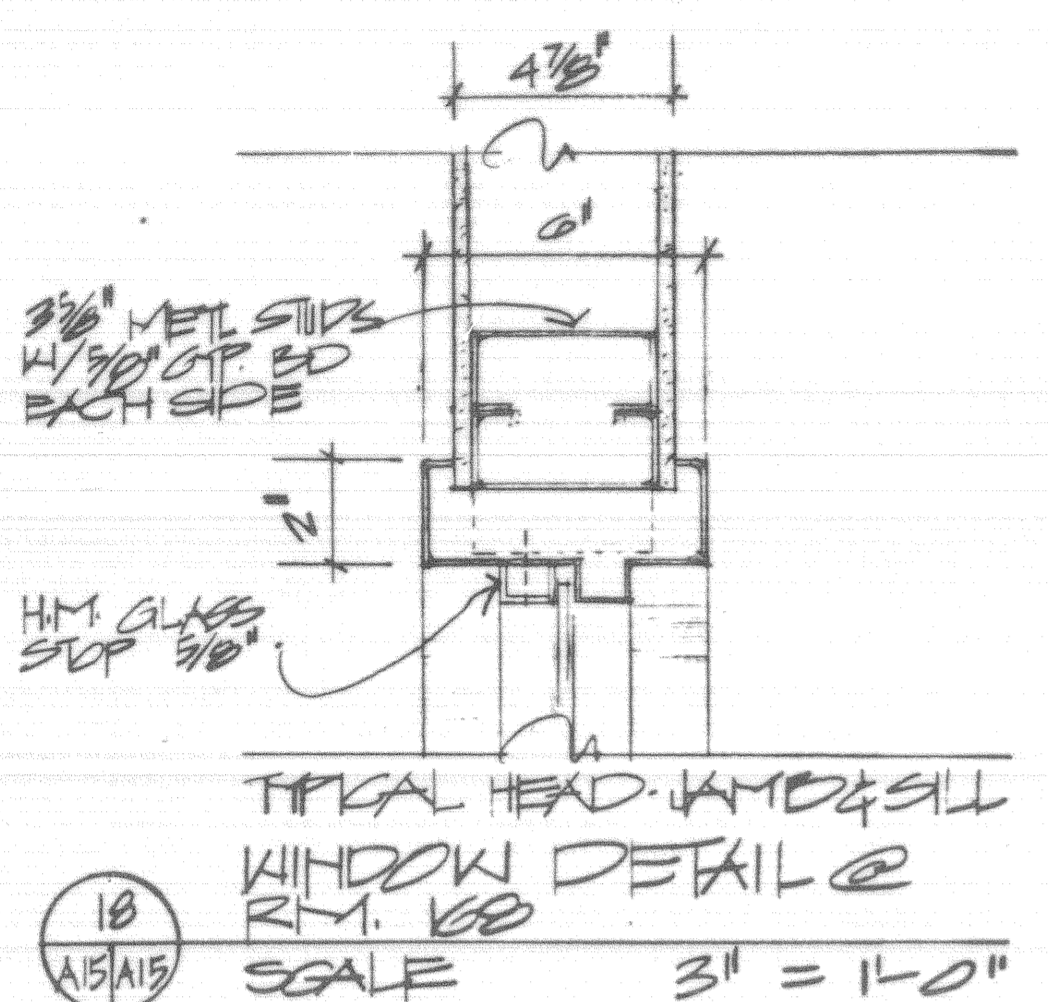
WALK, HAYDEL & ASSOC. INC. U.S. ARMY ENGINEER DISTRICT, FORT WORTH  
ENGINEERS / ARCHITECTS NEW ORLEANS MOBILE BATON ROUGE CORPS OF ENGINEERS  
FORT WORTH, TEXAS

DESIGNED BY: L.P.  
DRAWN BY: K.H.K.M.  
REVIEWED BY: G.M.  
SUBMITTED BY: [Signature]

GOODFELLOW AIR FORCE BASE  
SAN ANGELO, TEXAS

FIRE TRAINING COMPLEX  
OPENING DETAILS  
(FIRE TRAINING BUILDING)

SOL. NO. DCAE-92-B-0109 DATED: JUN. 1992  
CONTR. NO. DCAE-92-C-055 DRAWING NUMBER: A14 or 62 SHEET NO. 98



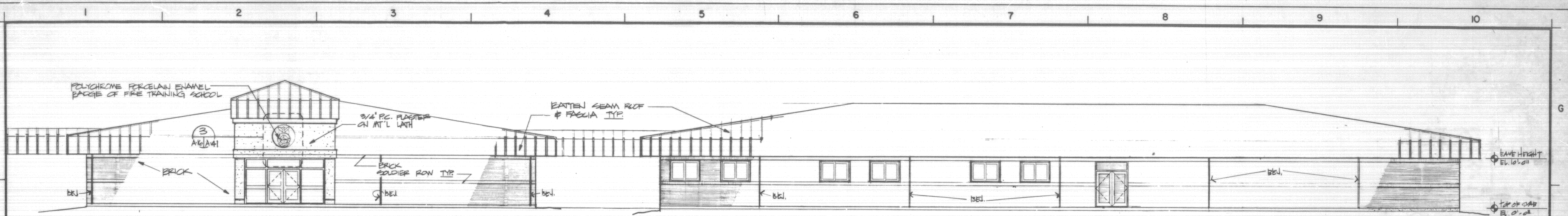
AM#0001 4 JUN 92 REVISED TO REFLECT W.I. CHANGES

WALK, HAYDEL & ASSOC. INC. U.S. ARMY ENGINEER DISTRICT, FORT WORTH  
ENGINEERS / ARCHITECTS CORPS OF ENGINEERS  
NEW ORLEANS MOBILE BATON ROUGE FORT WORTH, TEXAS

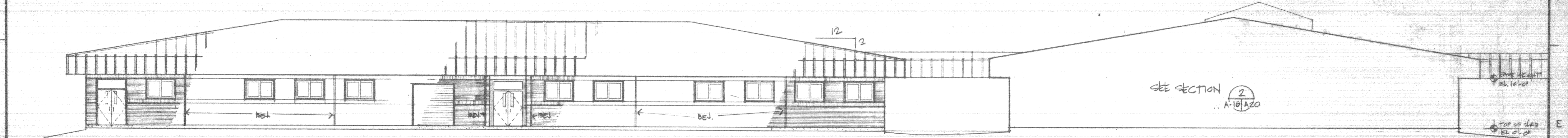
DESIGNED BY: L.B.  
DRAWN BY: T.H.D.  
REVIEWED BY: C.M.  
SUBMITTED BY: M.J.H.  
ENGINEER: L.B.

GOODFELLOW AIR FORCE BASE - SAN ANGELO, TEXAS  
**FIRE TRAINING COMPLEX OPENING DETAILS**  
(FIRE TRAINING BUILDING)

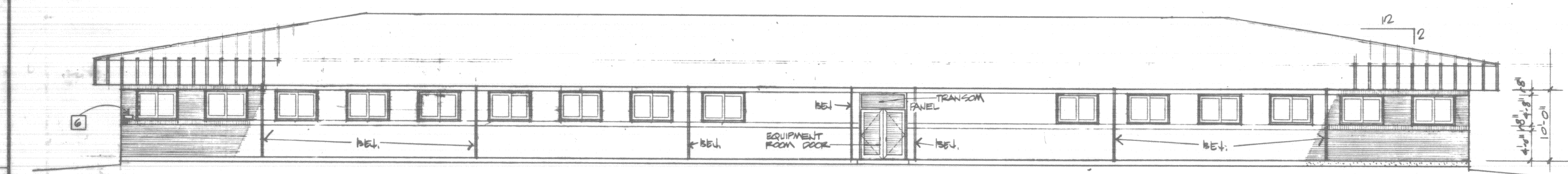
SOL. NO. PACAGS-92-B-0109 DATED: JUN. 1992  
CONTR. NO. PACAGS-92-C-0155 SHEET NO. 99  
DRAWING NUMBER: A120102



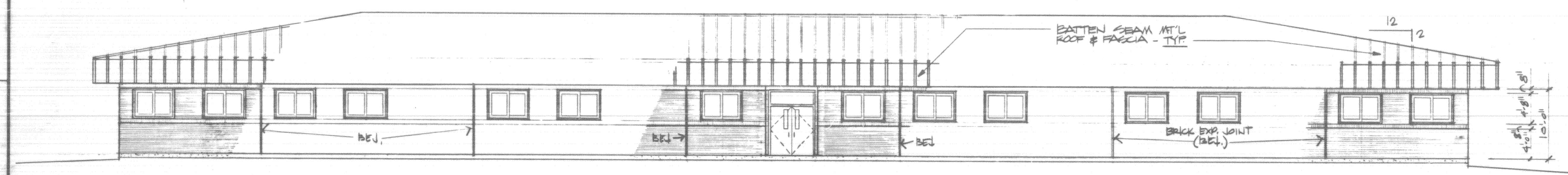
1 EAST ELEVATION - DIVISION OFFICES - RESCUE/HAZ MAT WING  
 A7/A6 SCALE: 1/8" = 1' - 0"



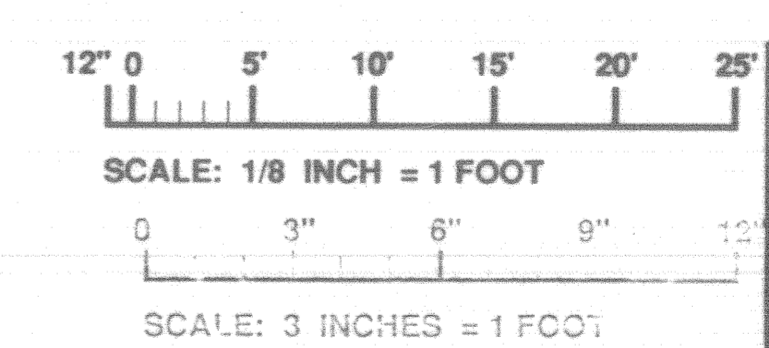
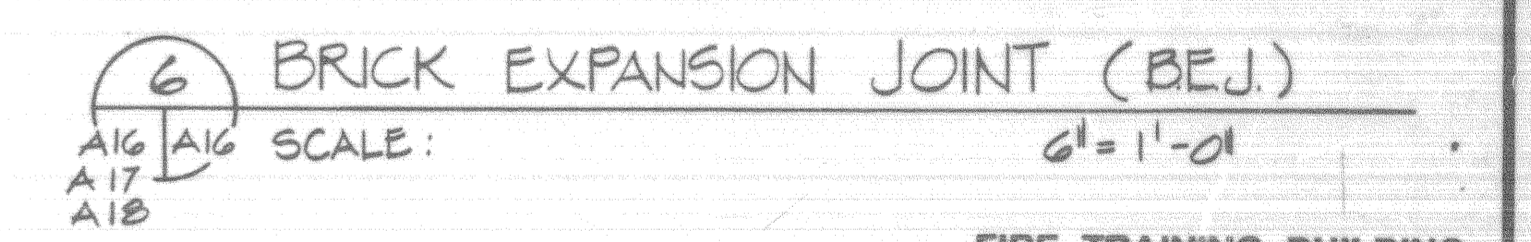
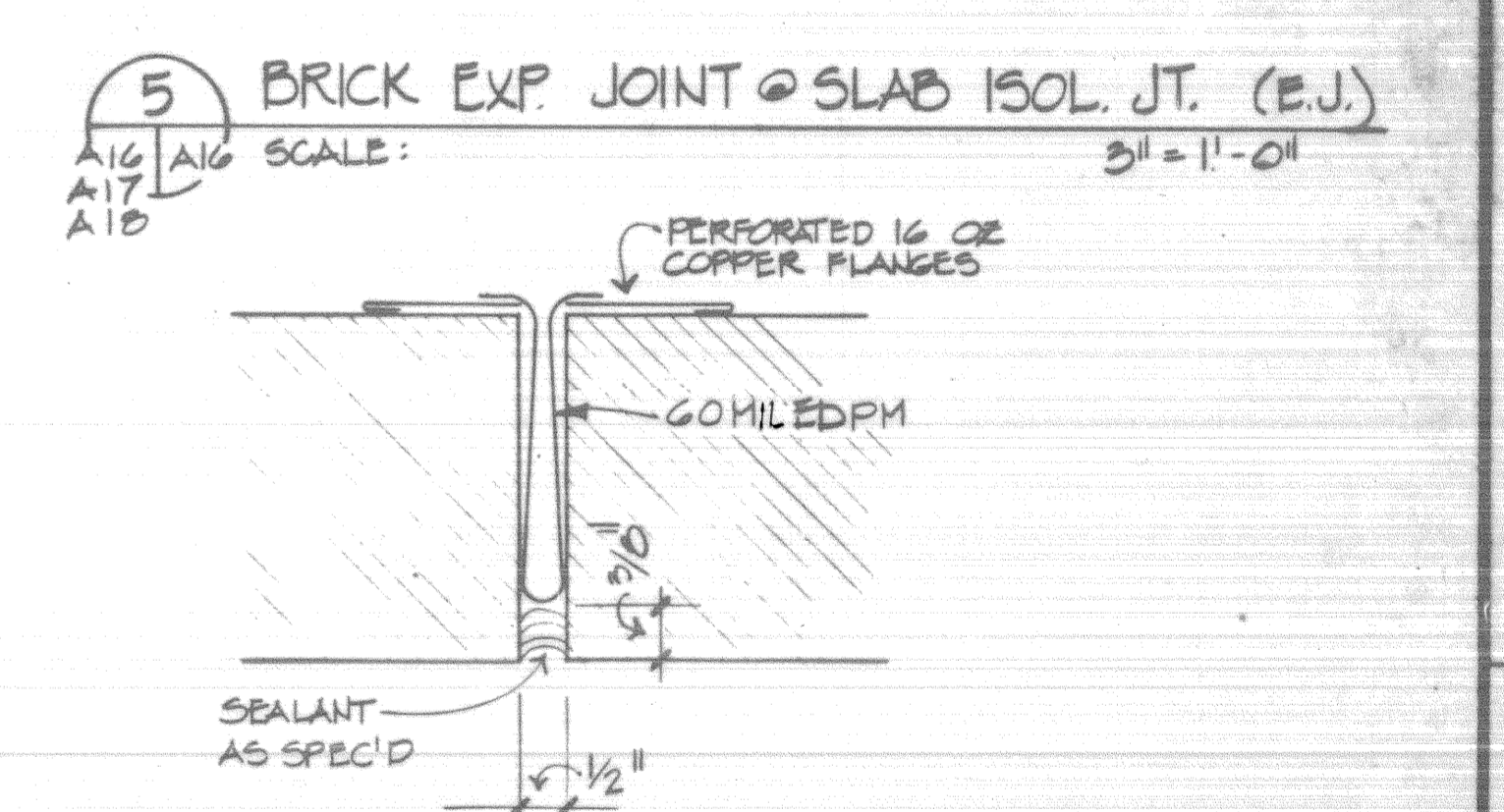
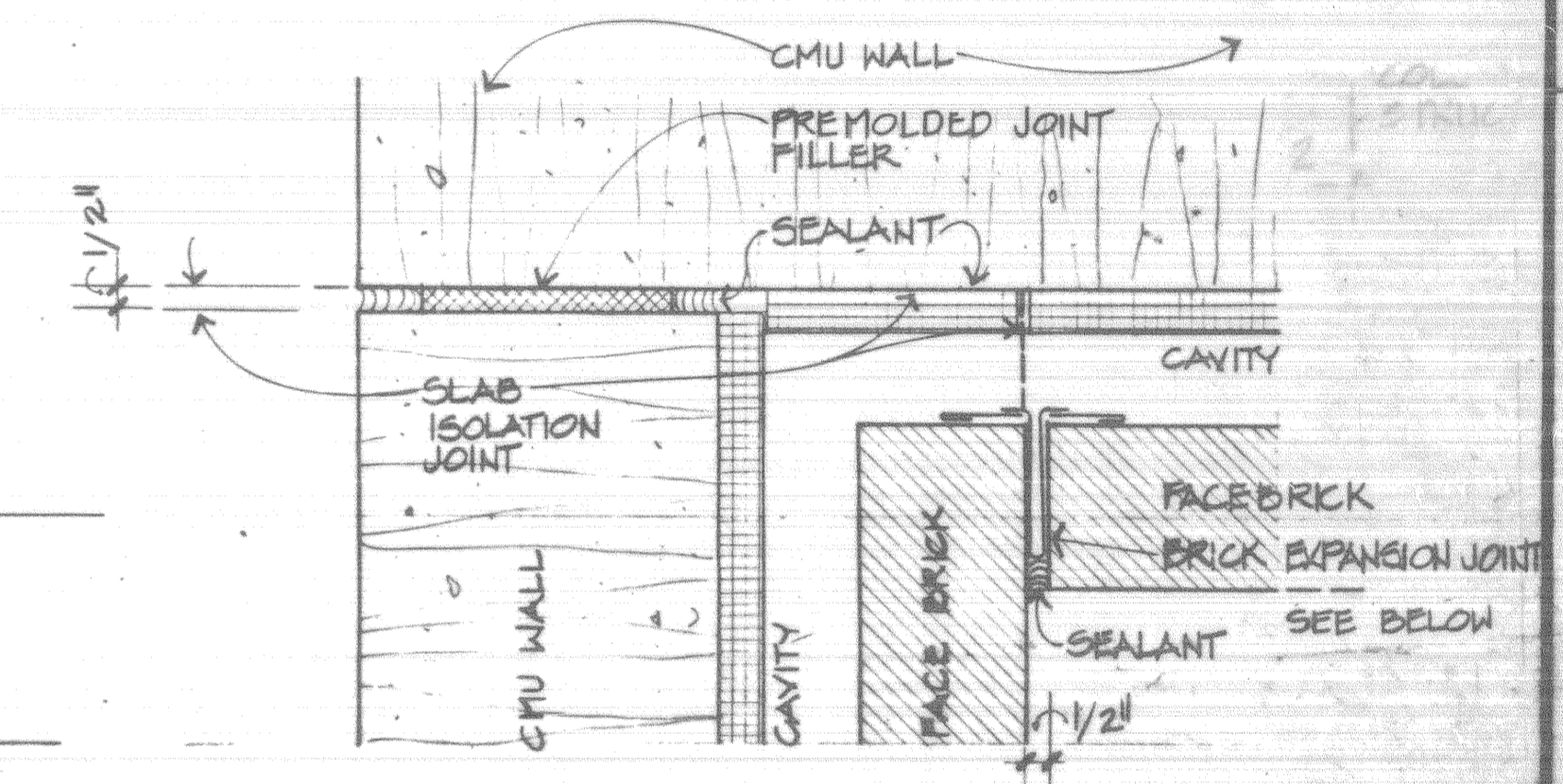
2 WEST ELEVATION - RESCUE/HAZ MAT WING  
 A8/A6 SCALE: 1/8" = 1' - 0"



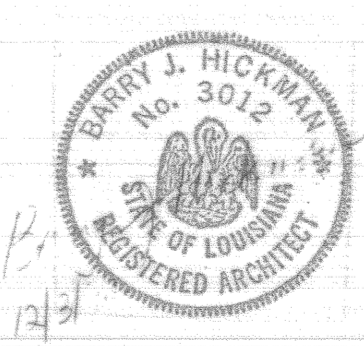
3 EAST ELEVATION - BASIC COURSES WING  
 A1/A6 SCALE: 1/8" = 1' - 0"



4 WEST ELEVATION - BASIC COURSES WING  
 A1/A6 SCALE: 1/8" = 1' - 0"

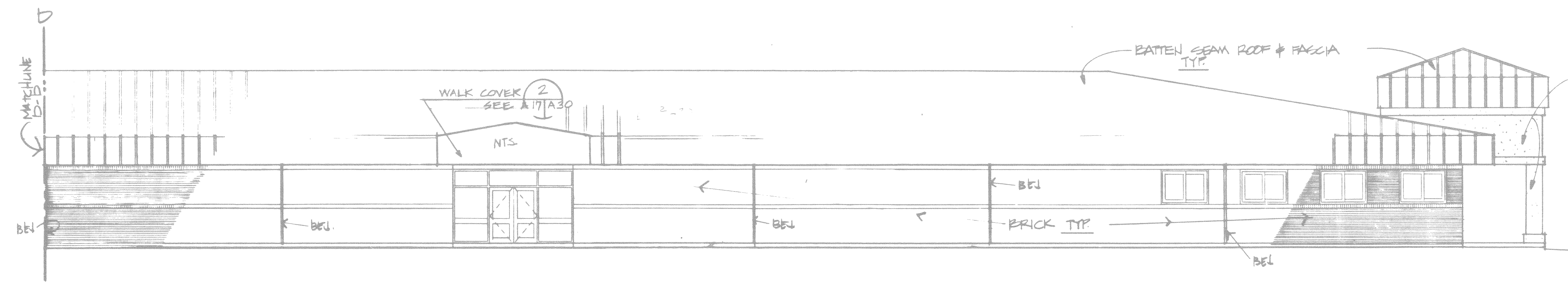


|  |  |
|--|--|
| FIRE TRAINING BUILDING   |  |
| AM#00014 JUN 92  | REVISED TO REFLECT W.I. CHANGES  |
| WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS |
| DESIGNED BY:<br>LB   | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS                                     |
| DRAWN BY:<br>KH.VS   | <b>FIRE TRAINING COMPLEX</b><br>1/8\"/>  |
| REVIEWED BY:<br>SM   | (FIRE TRAINING BUILDING)   |
| SUBMITTED BY:  | SOL. NO. DACAG3-92-B-0109 DATED: JUN. 1992   |
| ENGINEER:  | CONTR. NO. DACAG3-92-C-0155 SEQUENCE NO.   |
|  | DRAWING NUMBER SHEET NO. 100   |

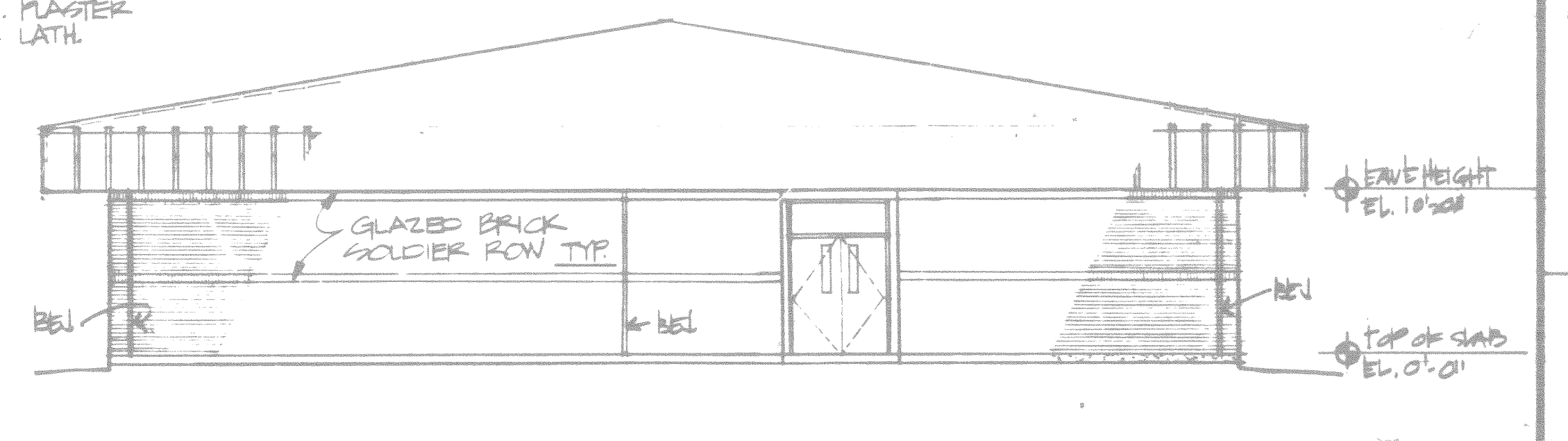


SCALE: 1/8" = 1' - 0"

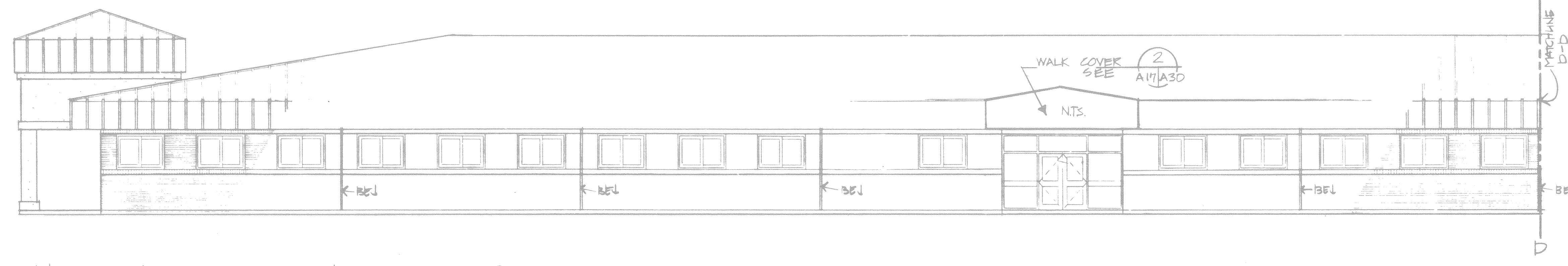




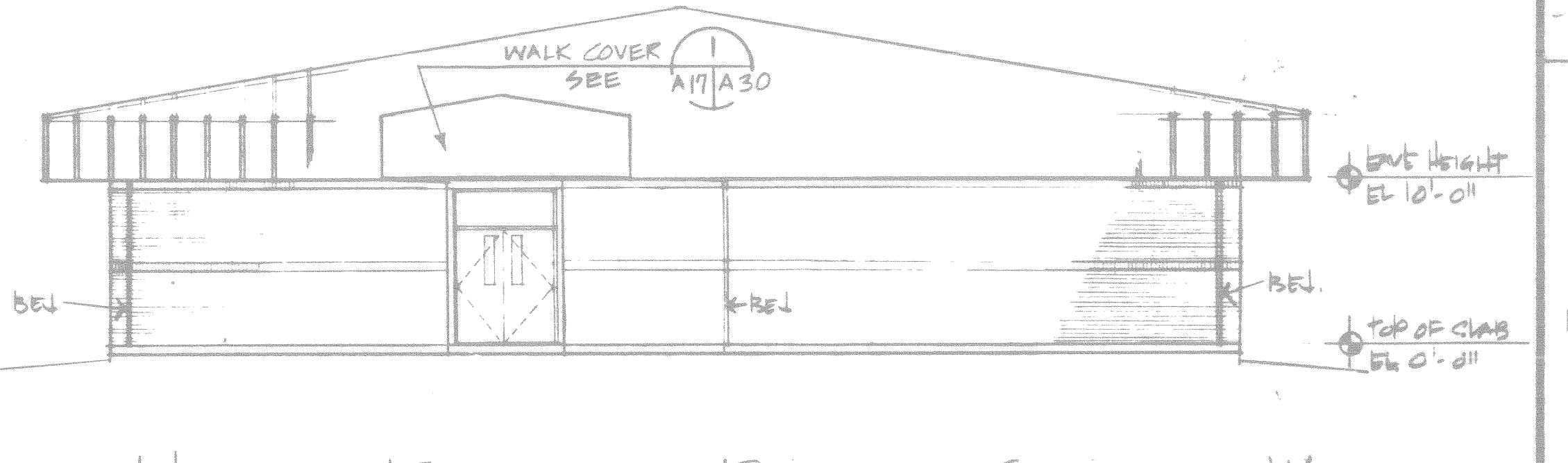
1 SOUTH ELEVATION - DIVISION OFFICES  
A17A17 SCALE: 1/8" = 1'-0"



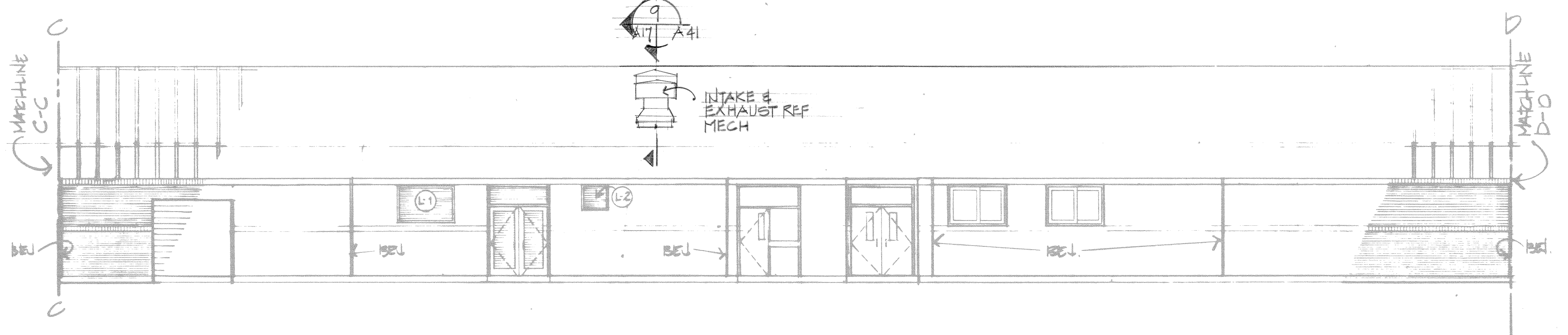
2 SOUTH ELEVATION - BASIC COURSES WING  
A9A17 SCALE: 1/8" = 1'-0"



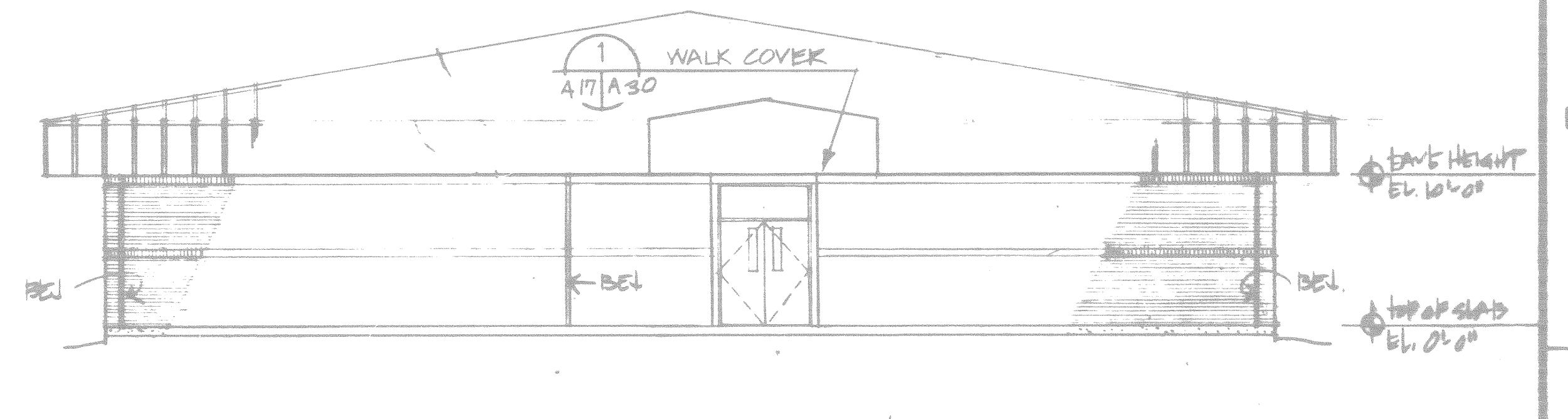
3 NORTH ELEVATION - DIVISION OFFICES  
A17A17 SCALE: 1/8" = 1'-0"



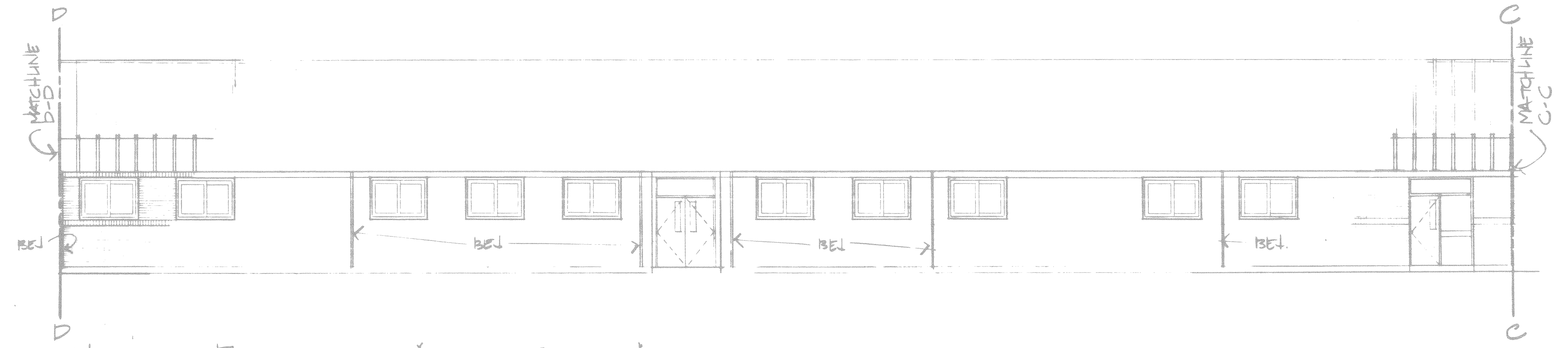
4 NORTH ELEVATION - BASIC COURSES WING  
A9A17 SCALE: 1/8" = 1'-0"



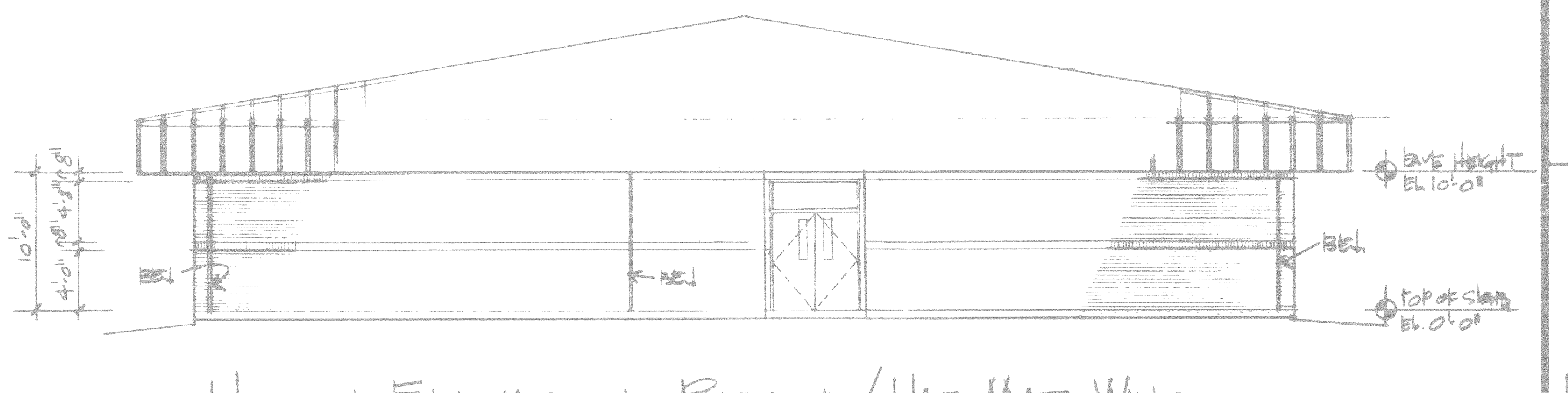
5 SOUTH ELEVATION - ADV CRS AREA  
A9A17 SCALE: 1/8" = 1'-0"



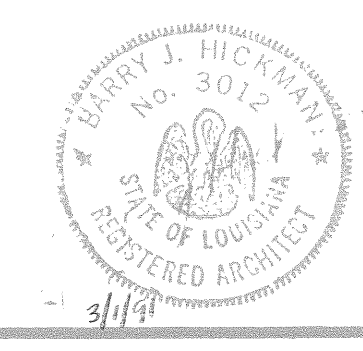
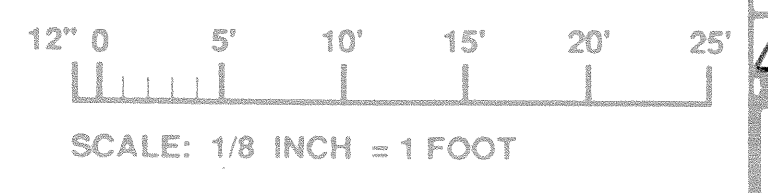
6 SOUTH ELEVATION - RESCUE/HAZ MAT WING  
A9A17 SCALE: 1/8" = 1'-0"



7 NORTH ELEVATION - ADV CRS AREA  
A9A17 SCALE: 1/8" = 1'-0"

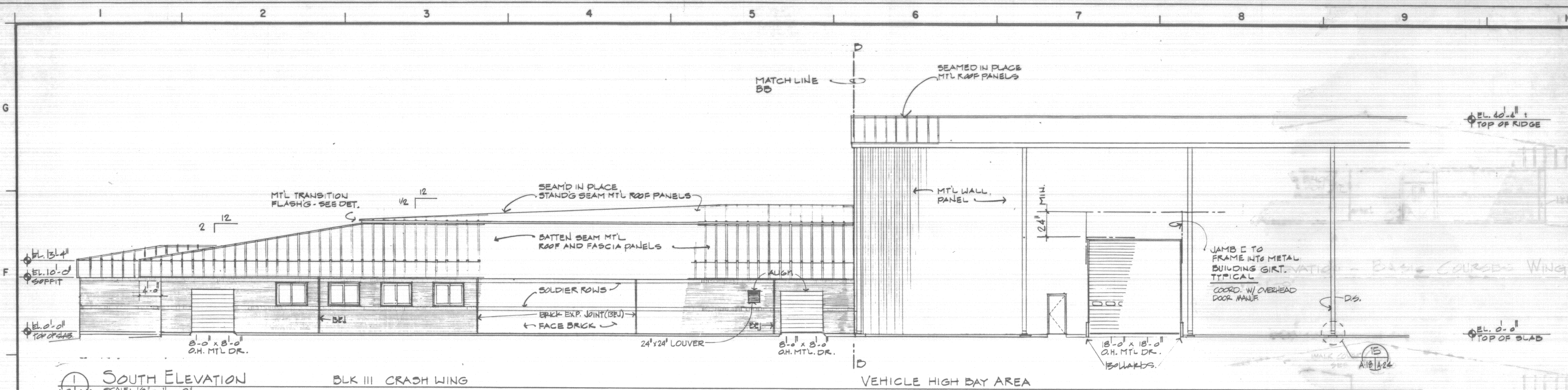


8 NORTH ELEVATION - RESCUE/HAZ MAT WING  
A9A17 SCALE: 1/8" = 1'-0"

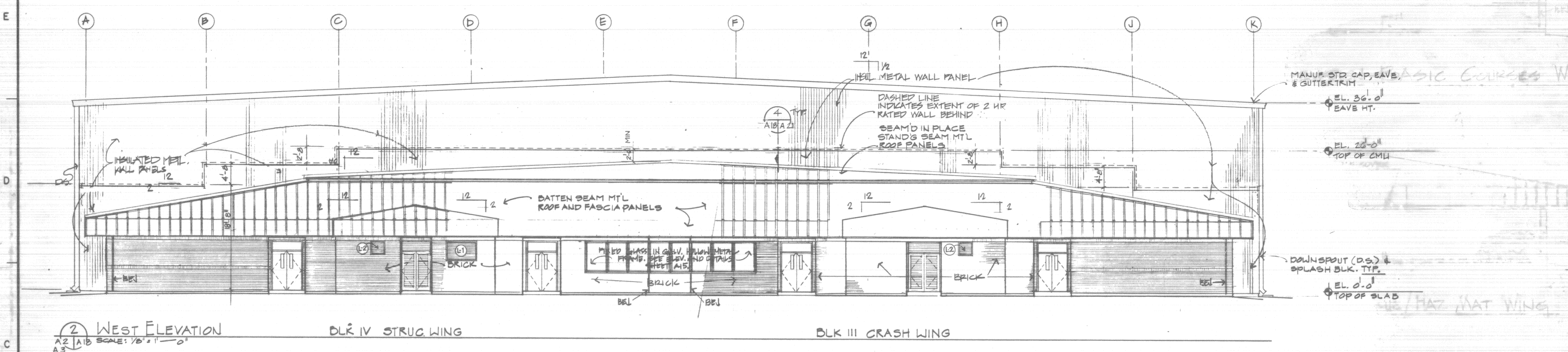


|  |  |
|--|--|
| AM#0001 4 JUN 98 REVISED TO REFLECT W.I. CHANGES                                       |  |
| WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS |
| DESIGNED BY:<br>LE   | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS                                     |
| DRAWN BY:<br>St. Yez   | <b>FIRE TRAINING COMPLEX</b><br>1/8" EXTERIOR ELEVATIONS                           |
| REVIEWED BY:<br>CM   | (FIRE TRAINING BUILDING)   |
| SUBMITTED BY:  | SOL. NO. DACAG3-92-B-0109 DATED JUN. 1992  |
| ENGINEER:  | CONTR. NO. DACAG3-92-C-0155 REQUIREMENT NO.  |
|  | DRAWING NUMBER SHEET NO. 101   |

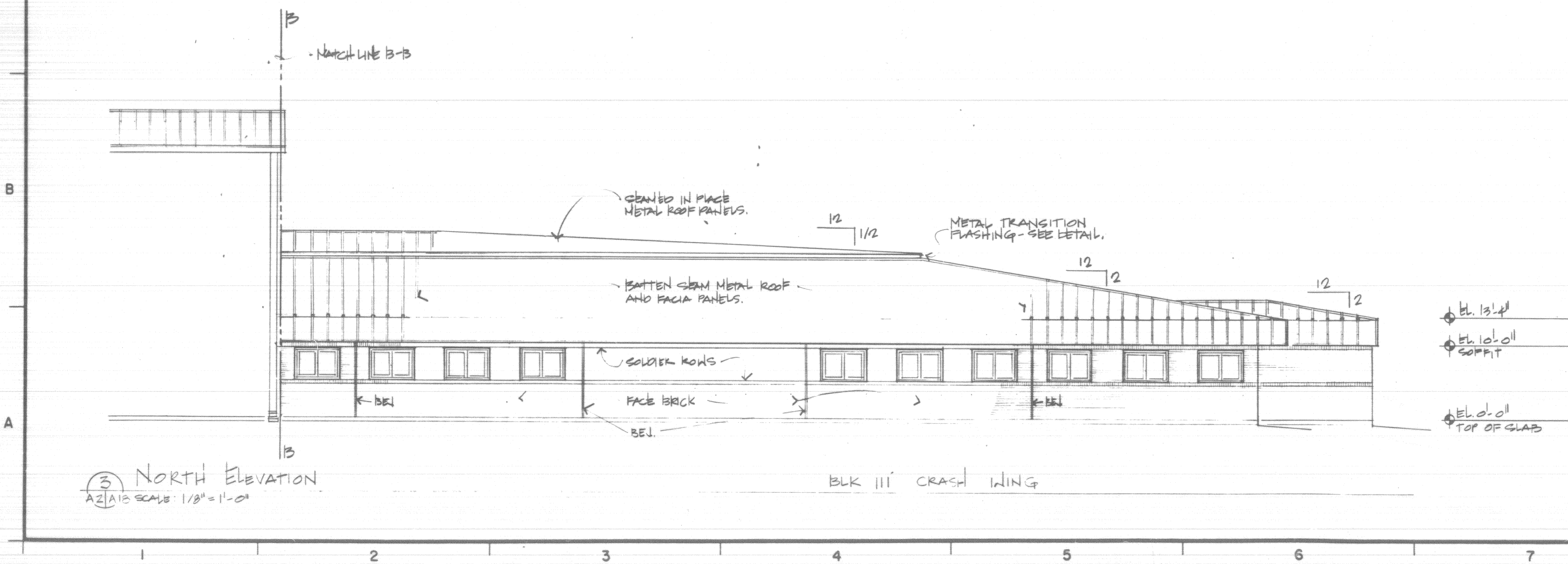
CONTR. NO. DACAG3-92-C-0155



1 SOUTH ELEVATION  
 A3/A10 SCALE: 1/8" = 1'-0"  
 BLK III CRASH WING



2 WEST ELEVATION  
 A2/A10 SCALE: 1/8" = 1'-0"  
 BLK IV STRUC WING BLK III CRASH WING

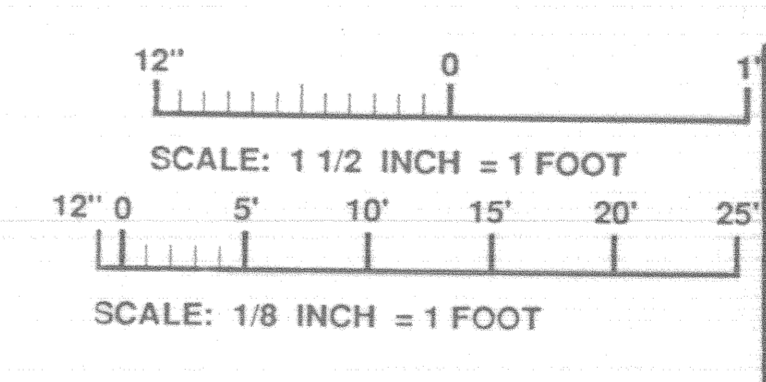
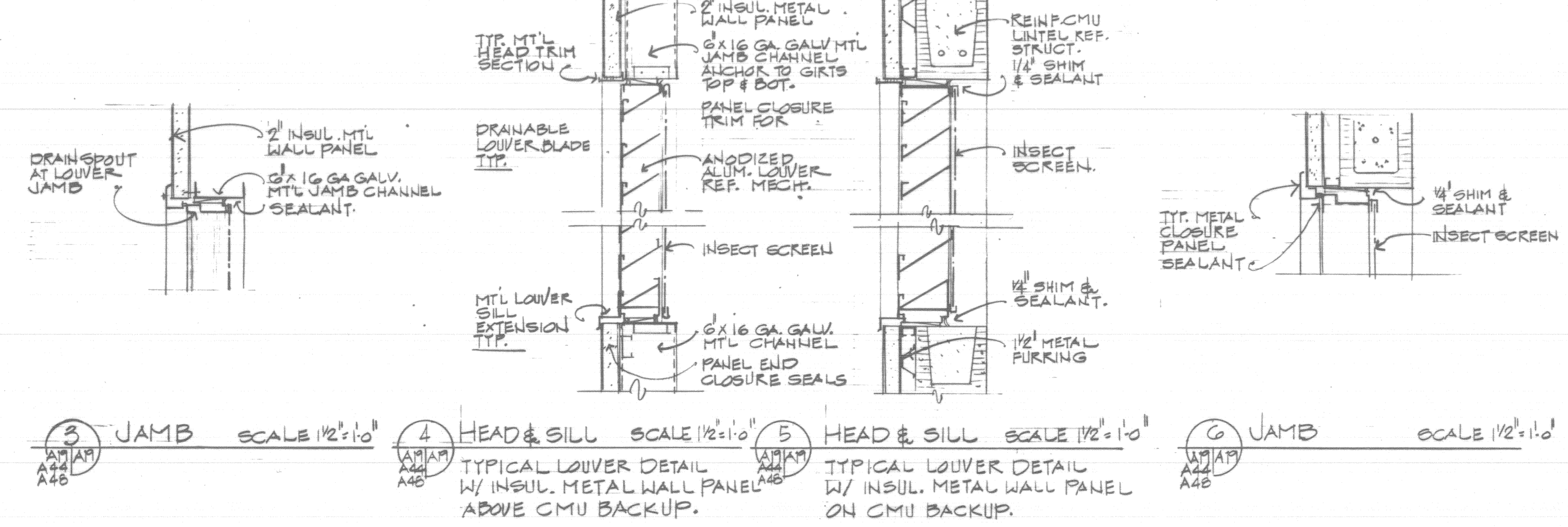
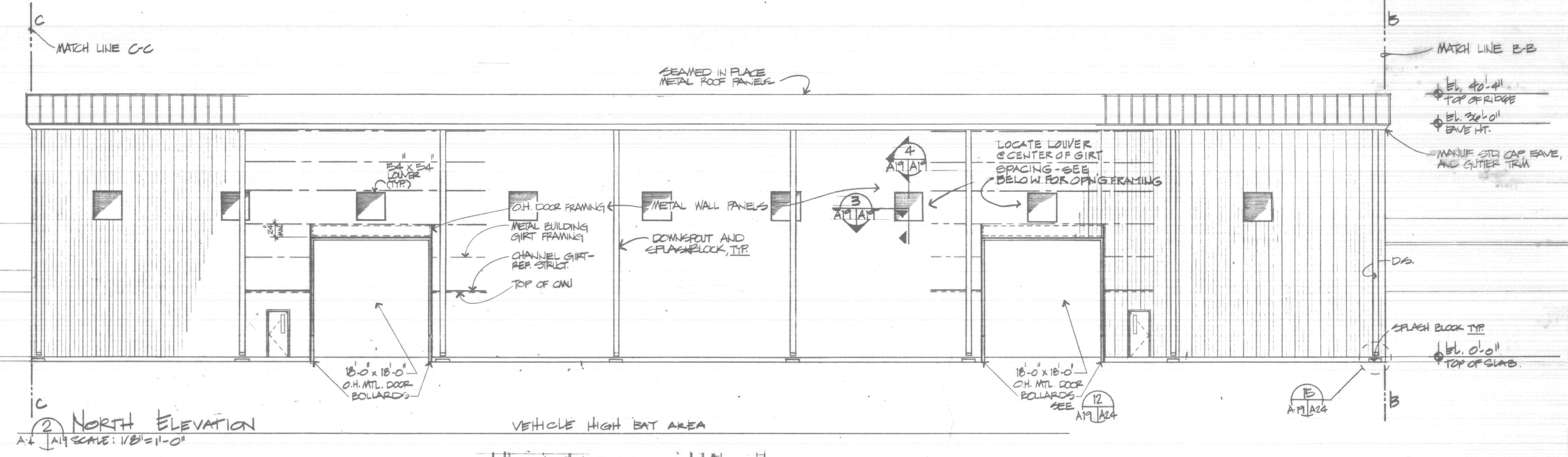
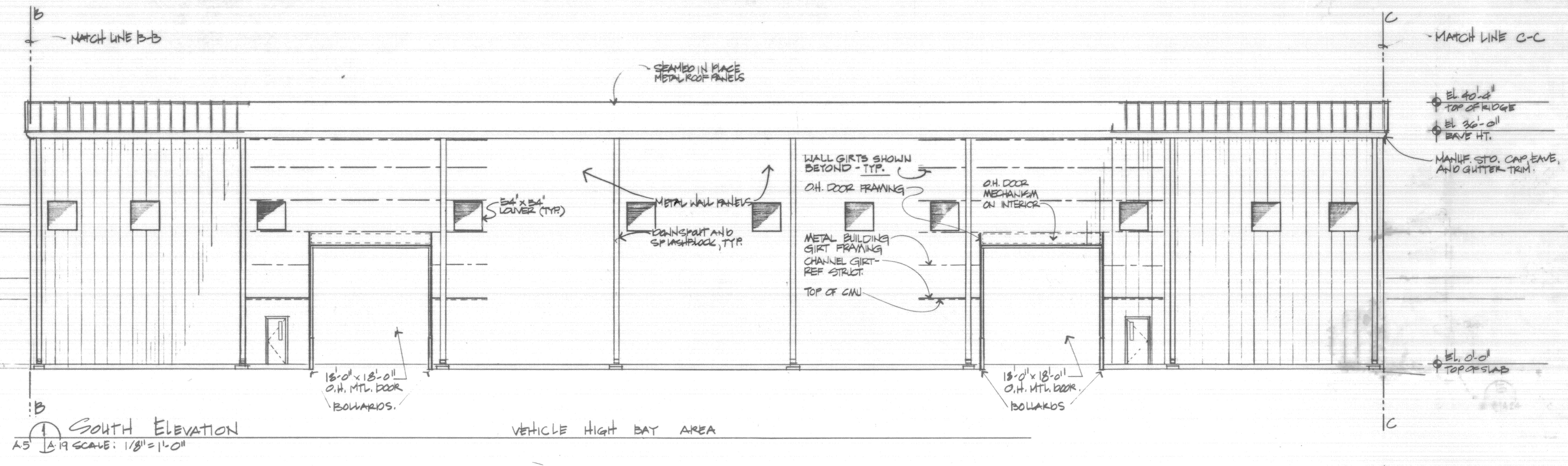


3 NORTH ELEVATION  
 A2/A10 SCALE: 1/8" = 1'-0"  
 BLK III CRASH WING

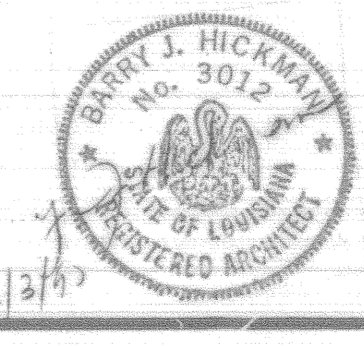
SCALE: 1/8" = 1'-0"

|  |  |
|--|--|
| AM#00014 JUN. 72 REVISED TO REFLECT W.I. CHANGES                                       |  |
| WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS   |
| DESIGNED BY: L.B.  | GODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS  |
| DRAWN BY: C.M.   | <b>FIRE TRAINING COMPLEX</b><br>1/8" EXTERIOR ELEVATIONS<br>(FIRE TRAINING BUILDING) |
| REVIEWED BY: C.M.  | SOL. NO. DAC 463-92-B-0107 DATED: JUN. 1972  |
| SUBMITTED BY: [Signature]  | CONTR. NO. DAC 463-92-C-0185   |
| ENGINEER: [Signature]  | DRAWING NUMBER: A13 OF 62  |
|  | SHEET NO. 102  |

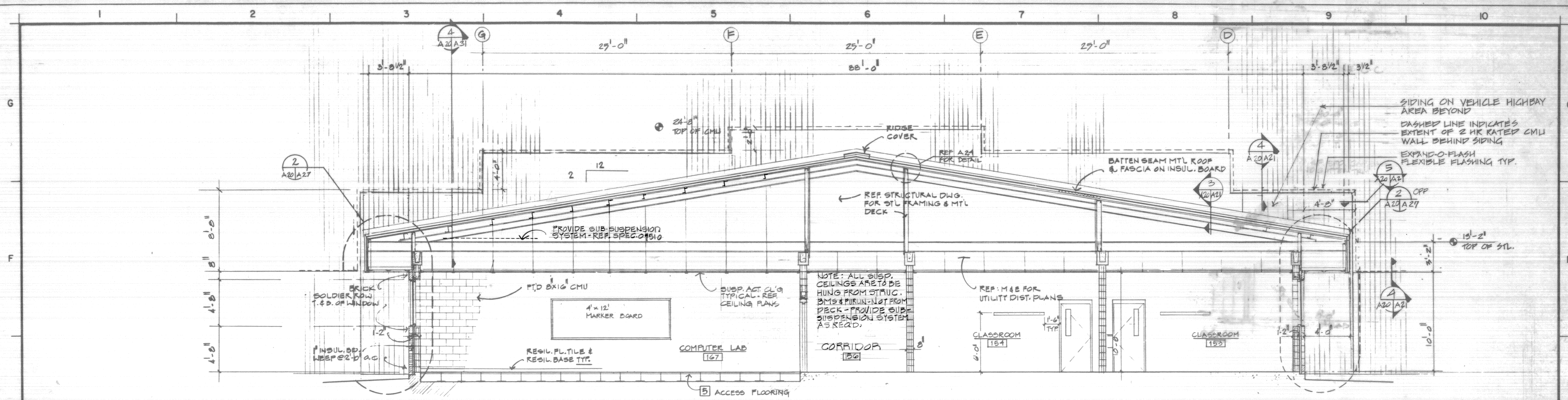
CONTR. NO. DAC 463-92-C-0185



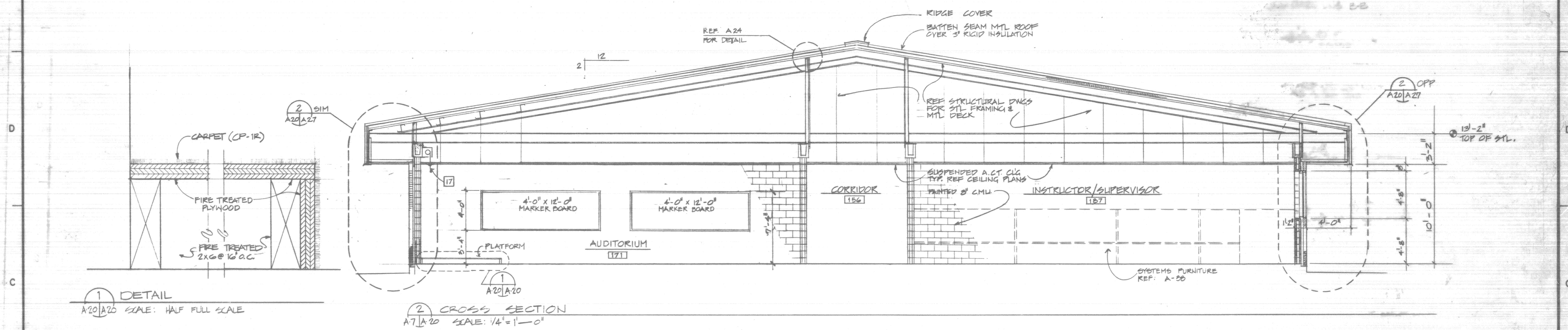
|               |         |                |  |  |
|---------------|---------|----------------|--|--|
| REVISION      |         | DATE           |  | DESCRIPTION OF REVISION  |
| 1             | AM#0001 | 4 JUN 92       |  | REVISED TO REFLECT W.I. CHANGES  |
| DESIGNED BY:  |         | DRAWN BY:      |  | DESCRIPTION OF DRAWING   |
| LB            |         | SK             |  | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS                               |
| REVIEWED BY:  |         | DATE           |  | PROJECT  |
|               |         |                |  | FIRE TRAINING COMPLEX<br>1/2" EXTERIOR ELEVATION<br>(FIRE TRAINING BUILDING) |
| SUBMITTED BY: |         | DATE           |  | PROJECT NO.  |
|               |         |                |  | SOL. NO. DACG63-92-B-0109 DATED: JUN 1992                                    |
| ENGINEER:     |         | DRAWING NUMBER |  | SEQUENCE NO.   |
|               |         | A-102          |  | 103  |



CONTR. NO. DACG63-92-C-0155

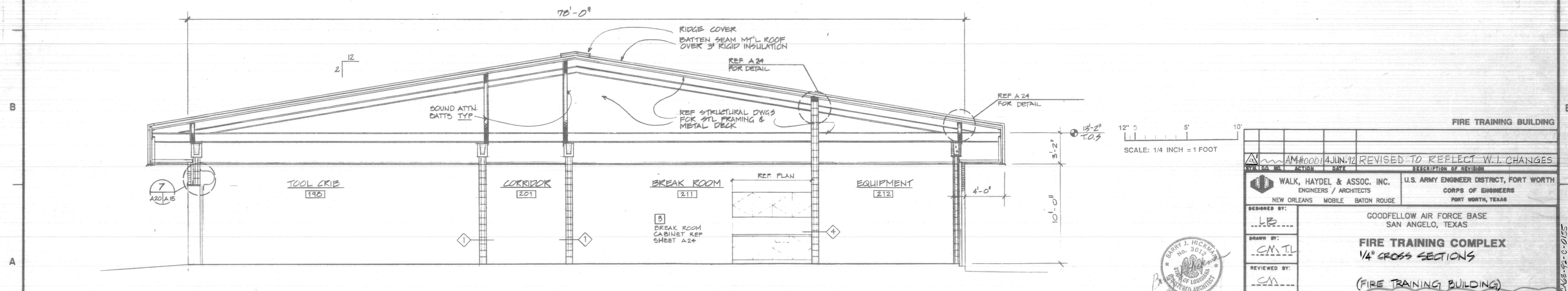


① CROSS SECTION TYPICAL FOR "FIRE TRAINING BLDG"  
 A6/A20 SCALE: 1/4" = 1'-0"



① DETAIL  
 A20/A20 SCALE: HALF FULL SCALE

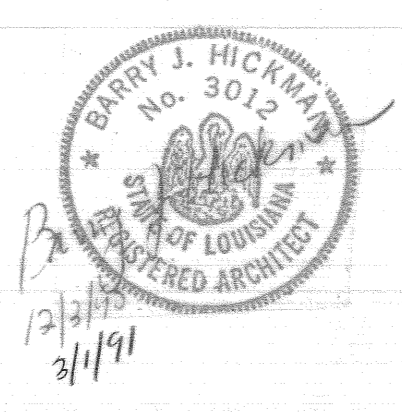
② CROSS SECTION  
 A7/A20 SCALE: 1/4" = 1'-0"



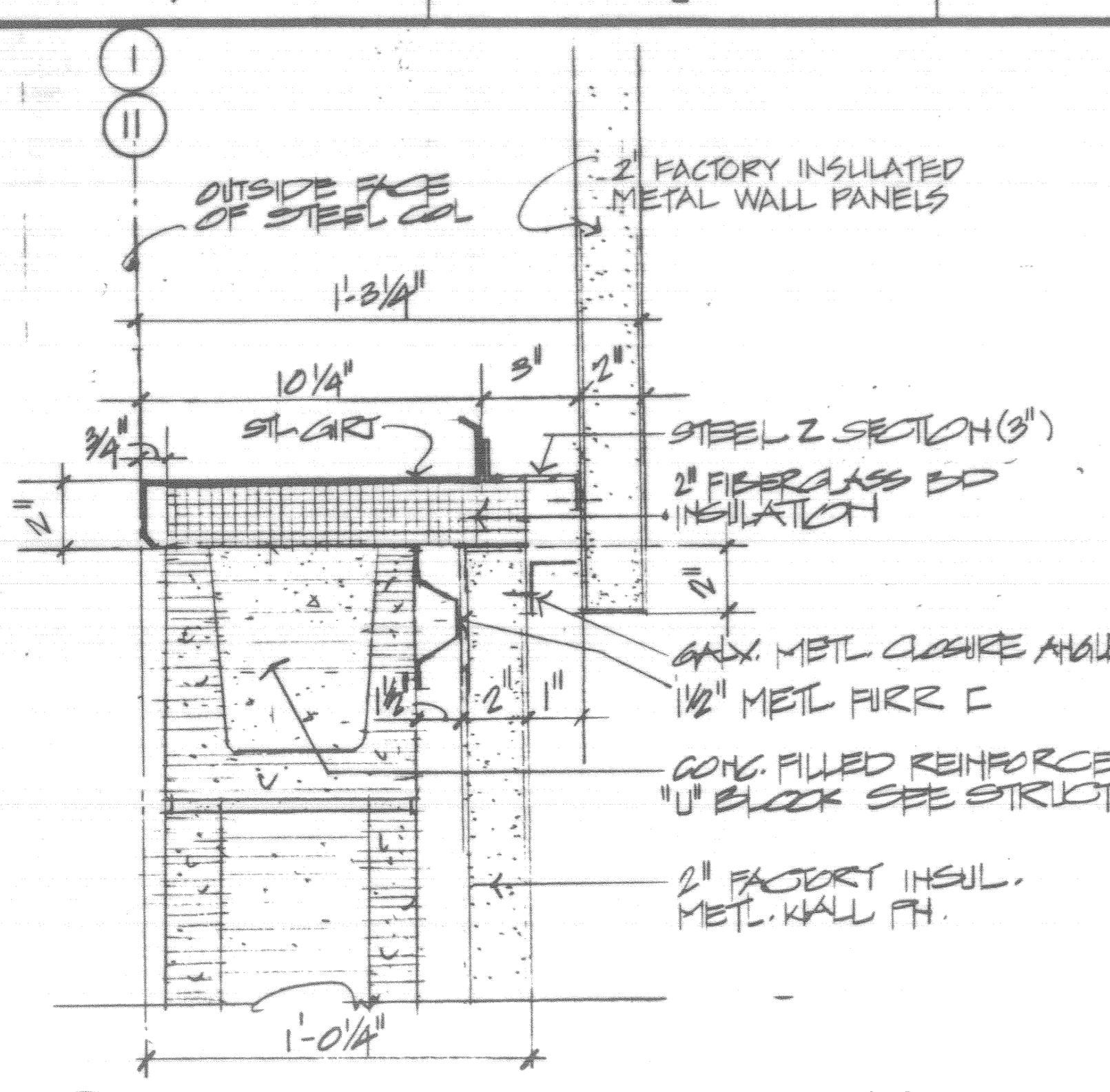
③ CROSS SECTION RESCUE & HAZ. MAT WING  
 A8/A20

| REVISION |   |
|----------|---|
| AM#0001  | JUN. 92 REVISED TO REFLECT W.I. CHANGES |
| AM#0002  | JUN. 92                                 |

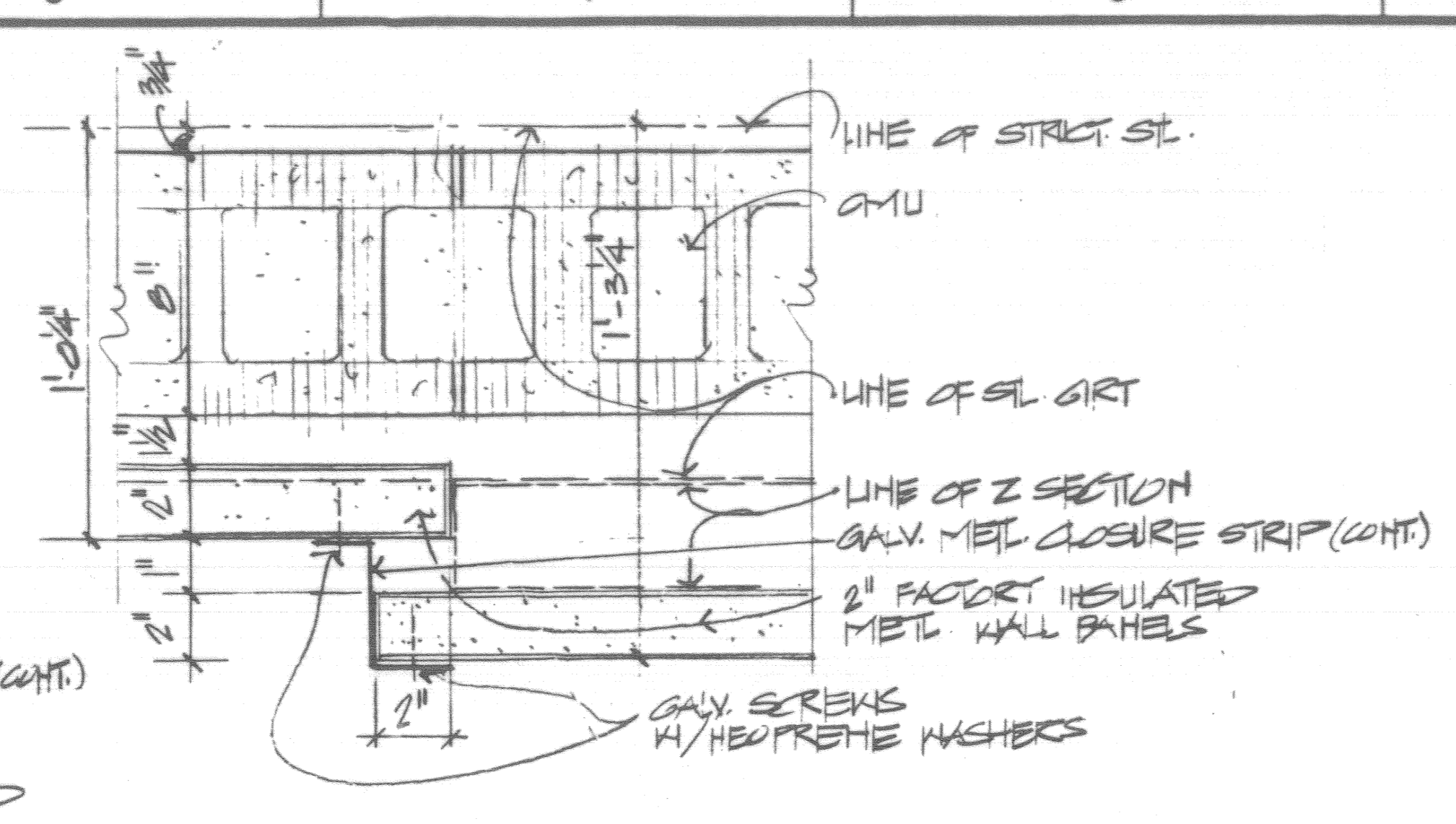
|  |  |
|--|--|
| DESIGNED BY:<br>WALK, HAYDEL & ASSOC. INC.<br>NEW ORLEANS MOBILE BATON ROUGE | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS |
| DRAWN BY:<br>C.M.T.L.  | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS                                     |
| REVIEWED BY:<br>C.M.   | <b>FIRE TRAINING COMPLEX</b><br>1/4" CROSS SECTIONS<br>(FIRE TRAINING BUILDING)    |
| SUBMITTED BY:  | SOL. NO. DACAG3-92-B-0107 DATED: JUN. 1992   |
| ENGINEER:  | CONTR. NO. DACW88-92-C-0155  |
|  | DRAWING NUMBER: A20 OF 62  |
|  | SEQUENCE NO. 104   |



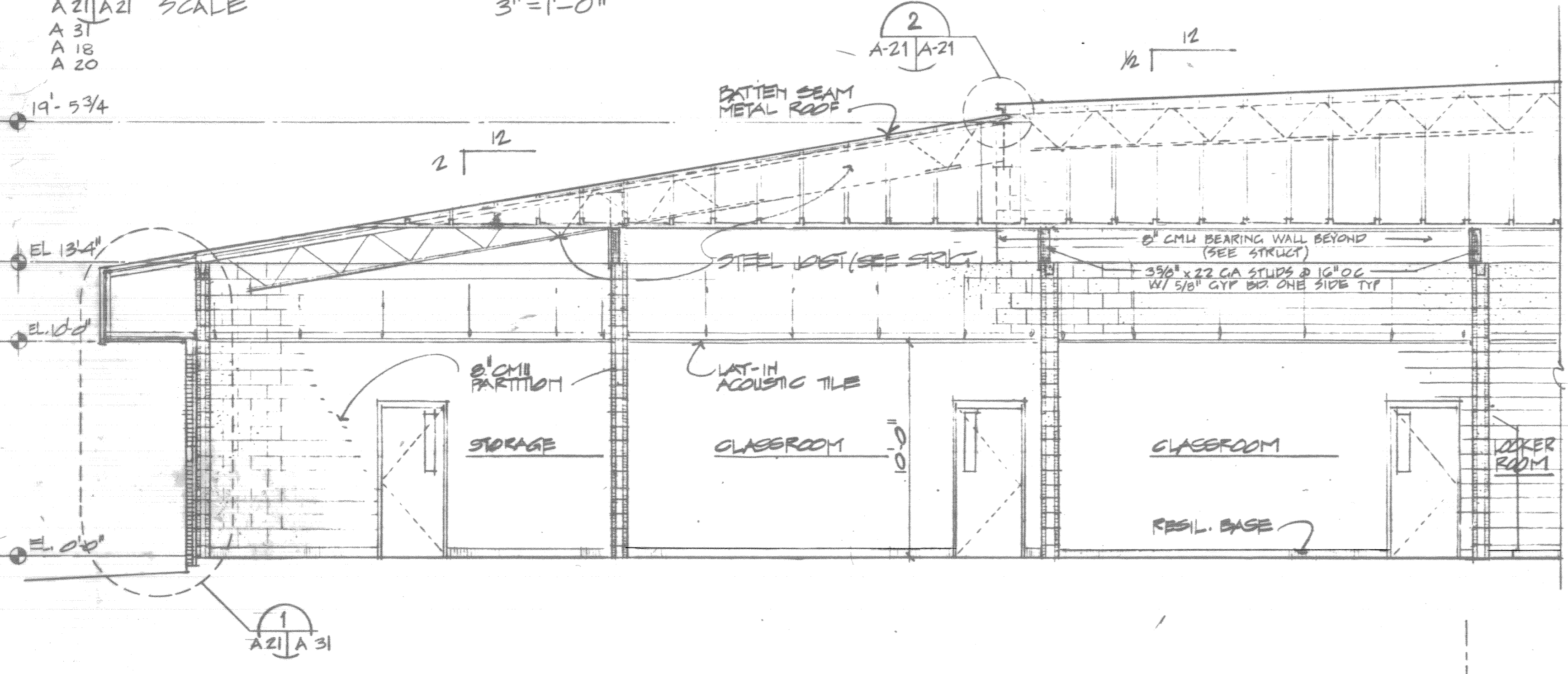
CONTRACT NO. DACW88-92-C-0155



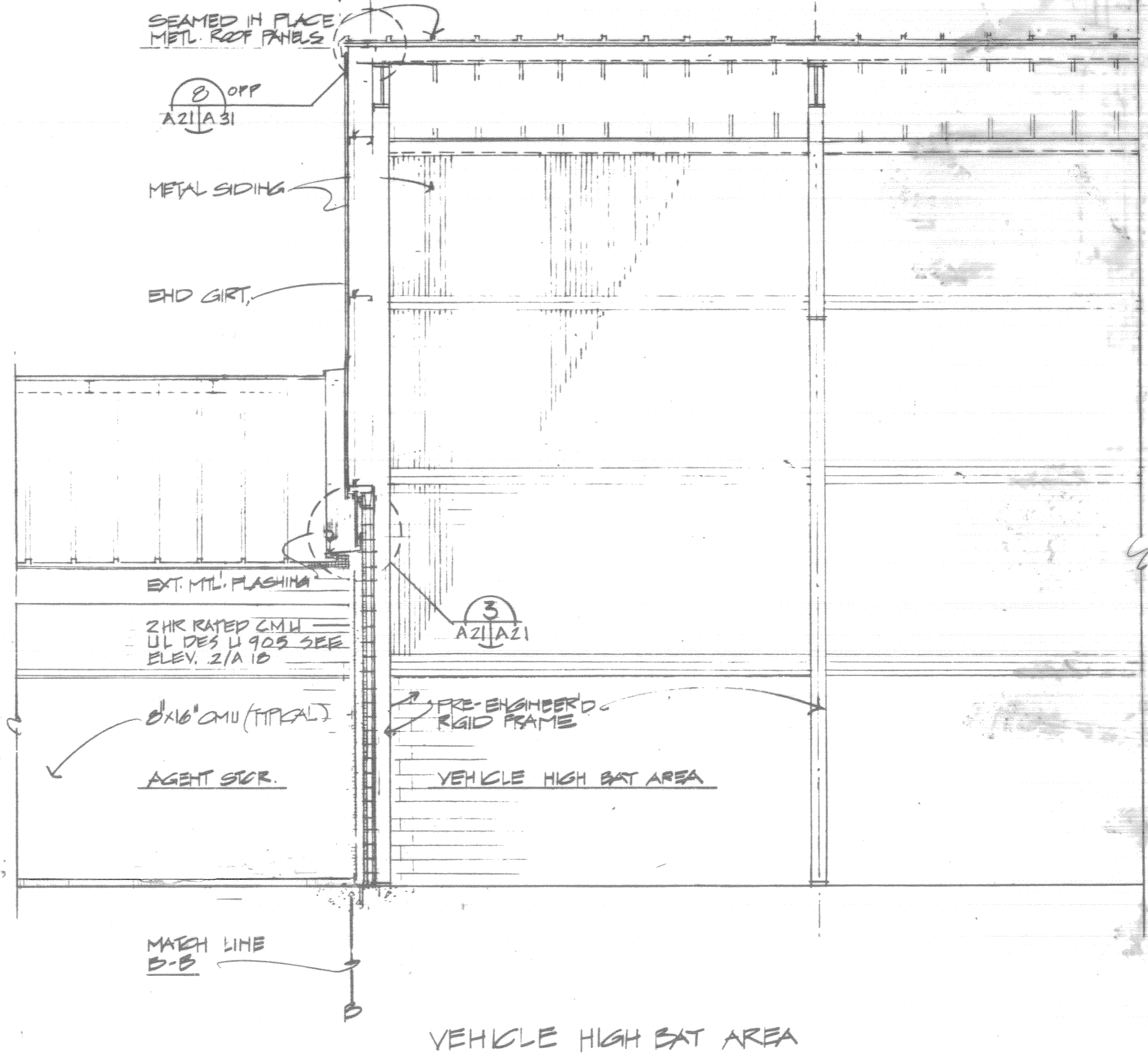
4 SECTION @ HORIZONTAL PH. JT.  
A21/A21 SCALE 3" = 1'-0"



5 SECTION @ VERTICAL PH. JT.  
A20/A21 SCALE 3" = 1'-0"



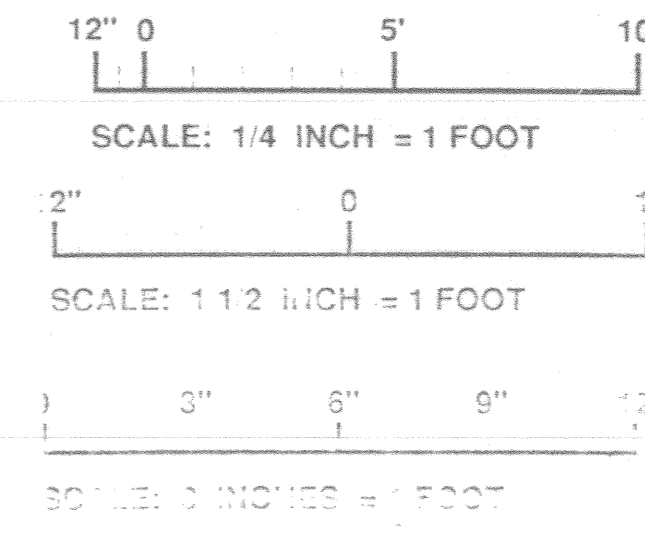
1 SECTION BLK III CRASH WING (BLK IV STRUCT. WING SIMILAR)  
A3/A21 SCALE 1/4" = 1'-0"



5 SECTION @ BASE FLASHING  
A21/A21 SCALE 3" = 1'-0"

2 ROOF TRANSITION DETAIL  
A21/A21 SCALE 1/2" = 1'-0"

3 WALL-ROOF FLASHING DETAIL  
A21/A21 SCALE 1/2" = 1'-0"



BLK III CRASH WING  
BLK IV STRUCT. WING  
VEHICLE HIGH BAY AREA

AM 100014 JUN. 92 REVISED TO REFLECT W.L. CHANGES

WALK, HAYDEL & ASSOC. INC. U.S. ARMY ENGINEER DISTRICT, FORT WORTH  
ENGINEERS / ARCHITECTS  
NEW ORLEANS MOBILE BATON ROUGE FORT WORTH, TEXAS

DESIGNED BY: L.B.  
DRAWN BY: M.B.  
REVIEWED BY: S.M.  
SUBMITTED BY: [Signature]  
ENGINEER: [Signature]

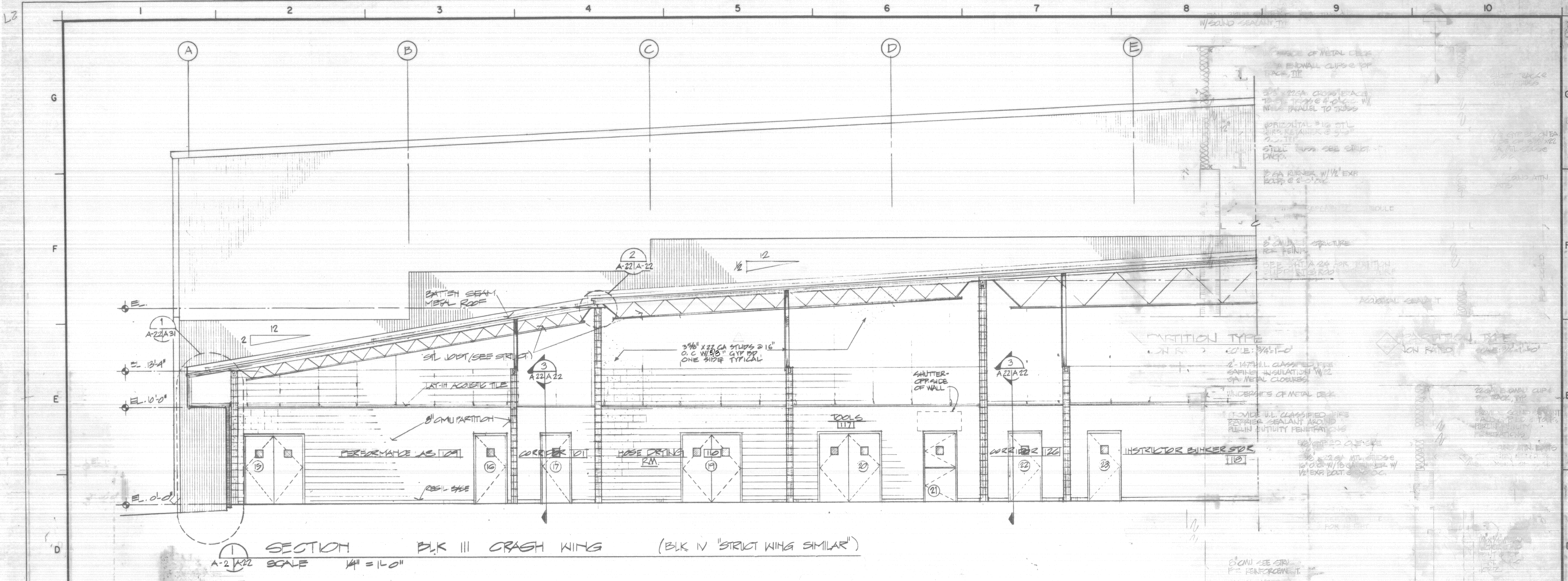
GOODFELLOW AIR FORCE BASE  
SAN ANGELO, TEXAS

FIRE TRAINING COMPLEX  
1/4\"/>

SOL. NO. DACAG3-92-B-0109 DATED: JUN. 1992  
CONTR. NO. DACAG3-92-C-0155 SEQUENCE NO.  
DRAWING NUMBER SHEET NO. 105

SIDING ON VEHICLE HIGH BAY AREA BEYOND  
DASHED LINE INDICATES EXTENT OF 2 HR RATE WALL BEHIND SIDING  
SEE PLAN FOR WALL FLASHING DETAIL

SOURCE: WALK-HAYDEL-92-C-0155



**SECTION 1** CRASH WING (BLK III) STRUC WING (BLK IV "STRUCT WING SIMILAR")  
 A-22/A-22 SCALE 1/4" = 1'-0"

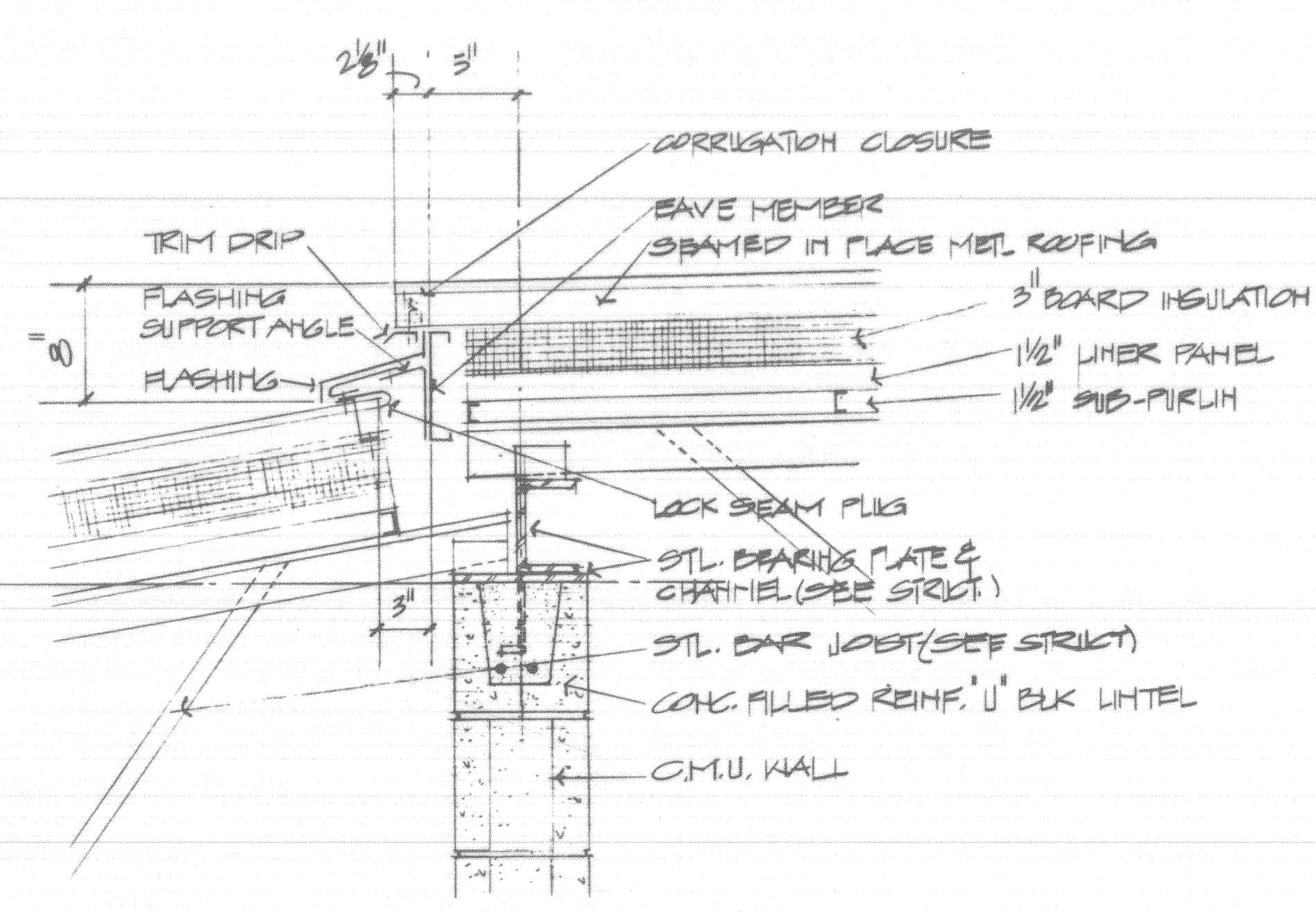
W/SOUND SEALANT  
 MAKE OF METAL CLIP  
 ENDWALL CLIPS OF  
 TRACK TYPE  
 3\"/>

**PARTITION TYPE**  
 2\"/>

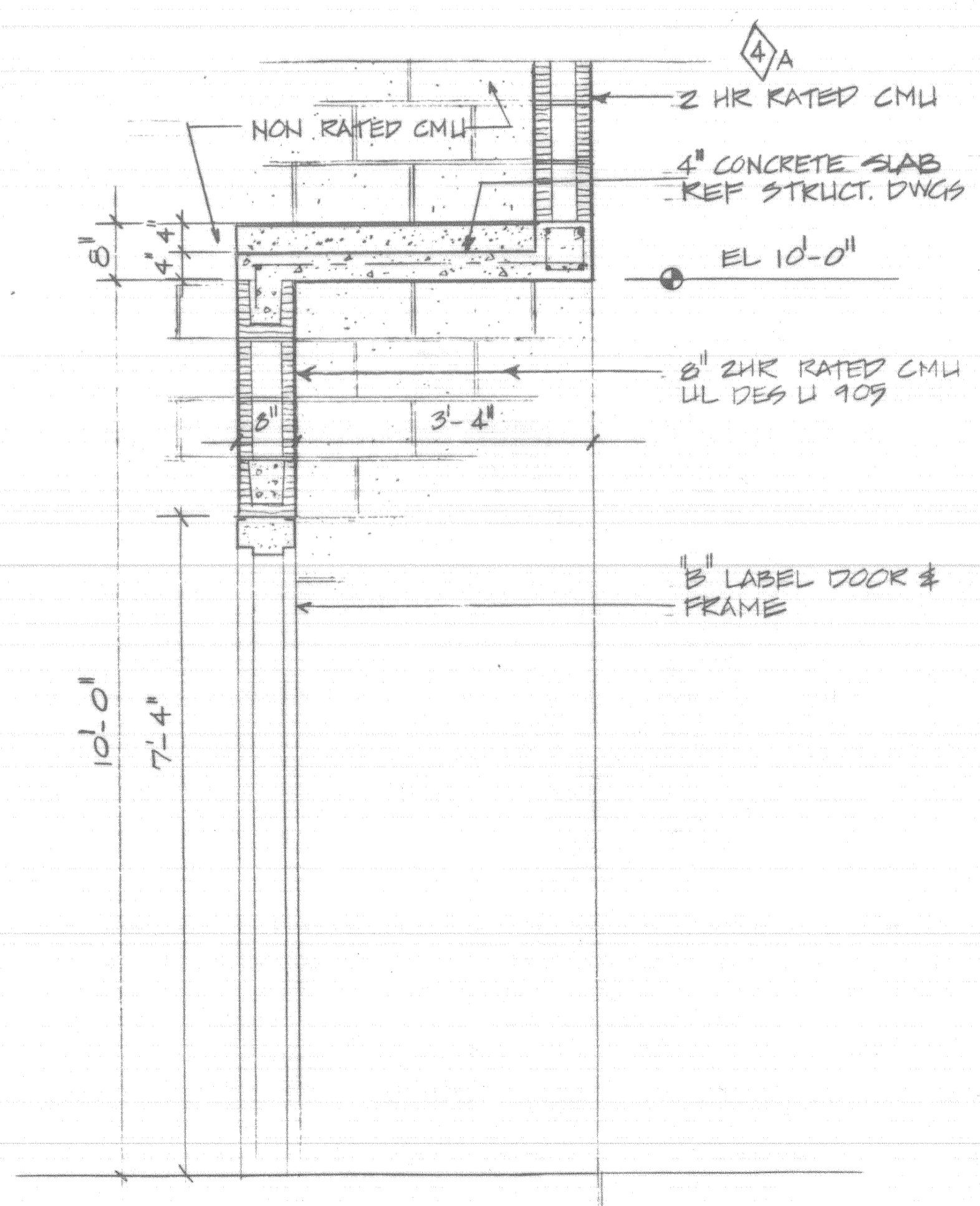
2\"/>

1\"/>

HALL HEIGHT REFER TO  
 22.01.11.02



**SECTION 2** ROOF TRANSITION DETAIL  
 A-22/A-22 SCALE 1/2" = 1'-0"



**SECTION 3** WALL SECTION & DOOR RECESS  
 A-22/A-22 SCALE 3/4" = 1'-0"

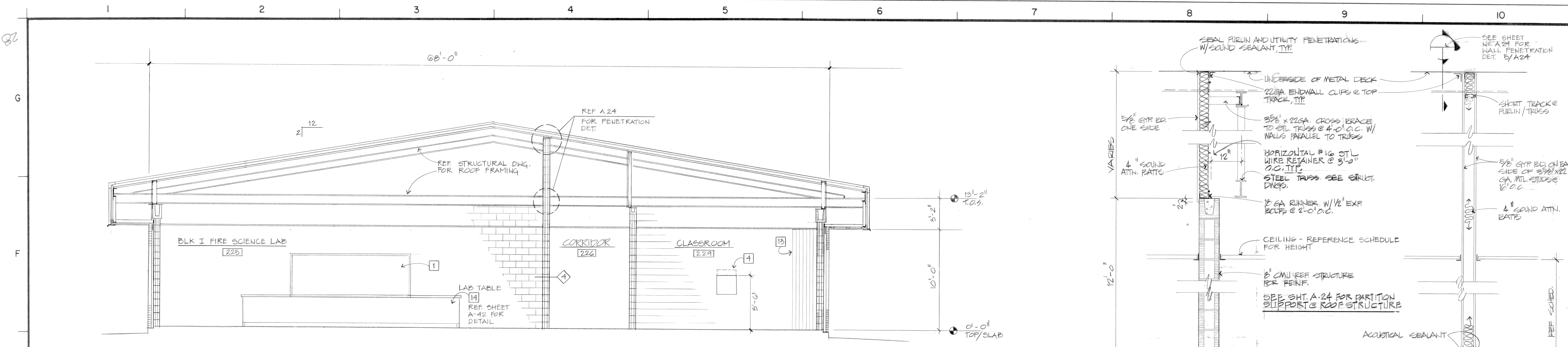
BLK III CRASH WING  
 BLK IV STRUC. WING

SCALE: 1/4 INCH = 1 FOOT  
 SCALE: 3/4 INCH = 1 FOOT  
 SCALE: 1 1/2 INCH = 1 FOOT

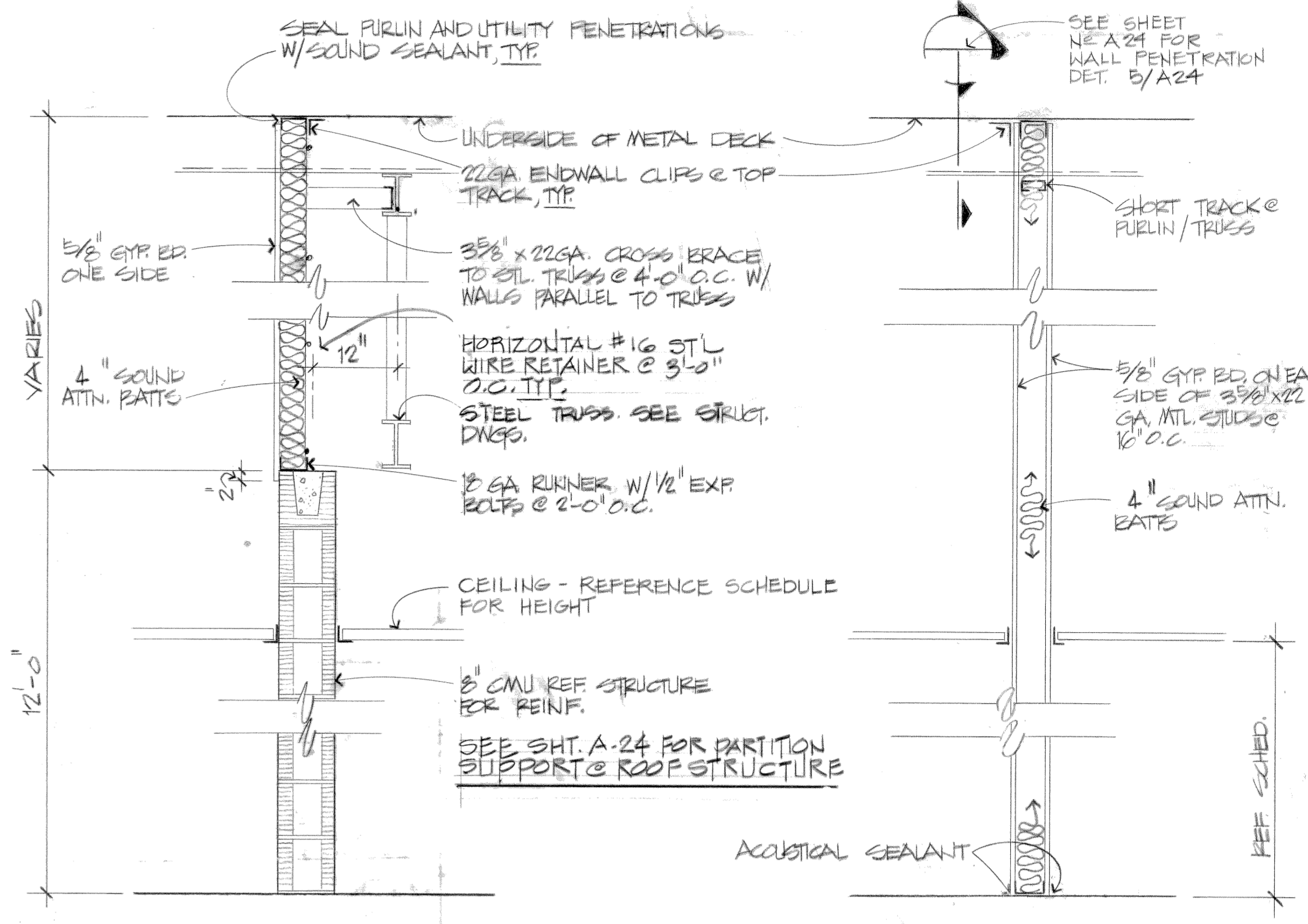
|                           |  |
|---------------------------|--|
| DESIGNED BY:<br>LB        | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS                           |
| DRAWN BY:<br>MB, JL       | FIRE TRAINING COMPLEX<br>1/4\"/>   |
| REVIEWED BY:<br>CM        | (FIRE TRAINING BUILDING)   |
| SUBMITTED BY:<br>11/13/92 | SOL. NO. DAC63-92-E-0101 DATED: JUN. 1992                                |
| ENGINEER:<br>11/13/92     | CONTR. NO. DAC63-92-C-0155 SEQUENCE NO. 106<br>DRAWING NUMBER A-22 OF 62 |

U.S. ARMY ENGINEER DISTRICT, FORT WORTH  
 CORPS OF ENGINEERS  
 PORT WORTH, TEXAS

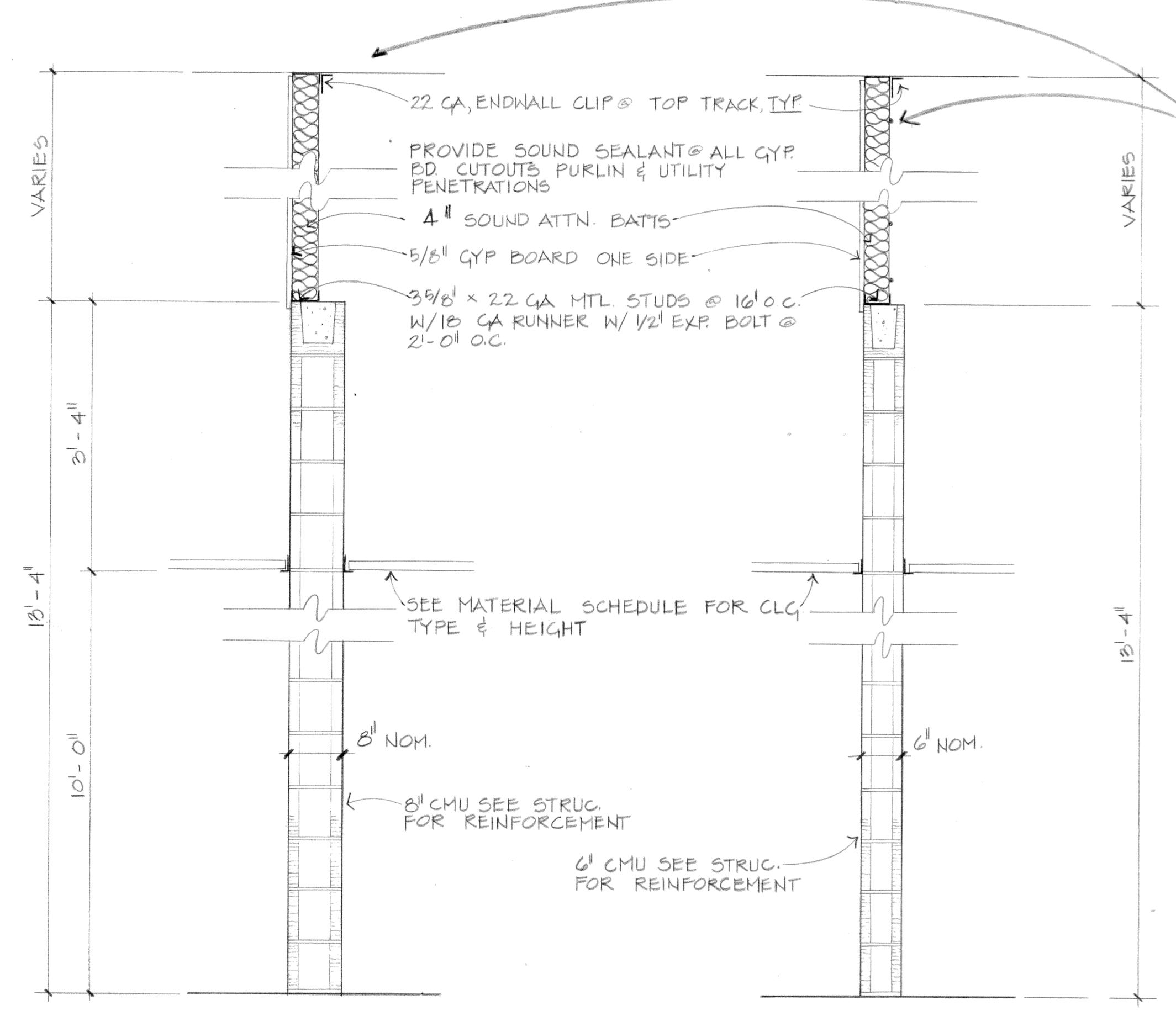
CONTR. NO. DAC63-92-C-0155



1 CROSS SECTION  
 A7/A23 SCALE 1/4" = 1'-0"

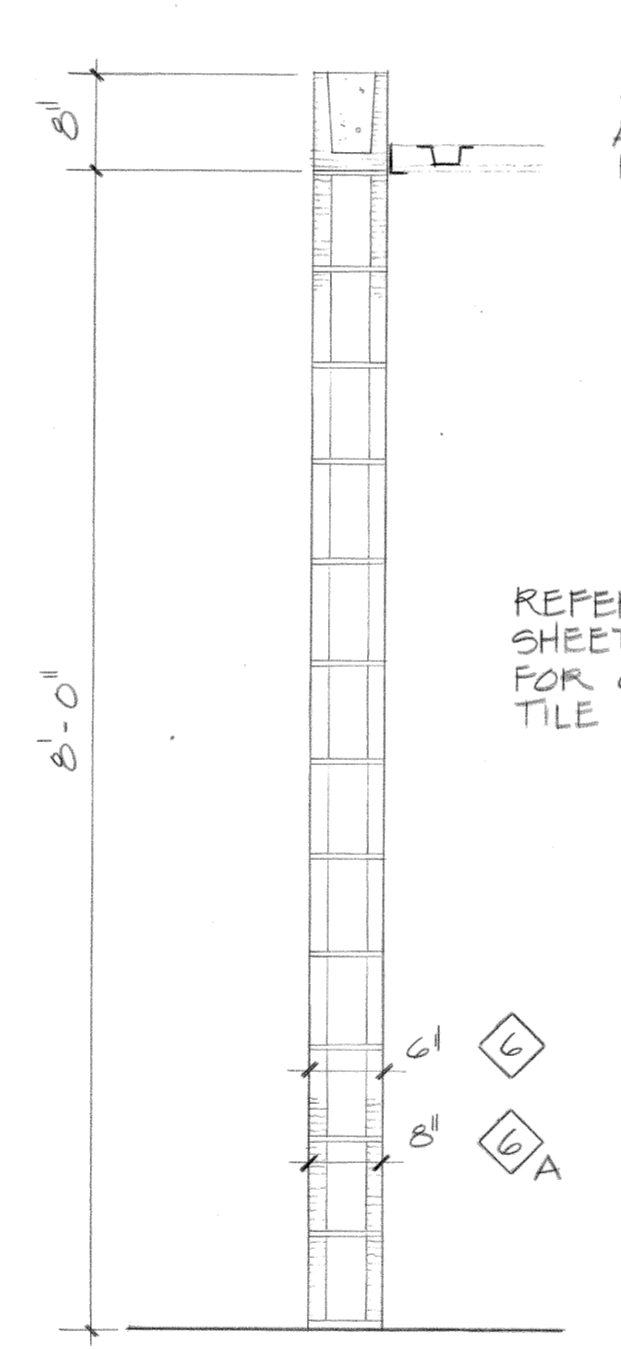


1 PARTITION TYPE NON RATED SCALE: 3/4" = 1'-0"  
 2 PARTITION TYPE NON RATED SCALE: 3/4" = 1'-0"

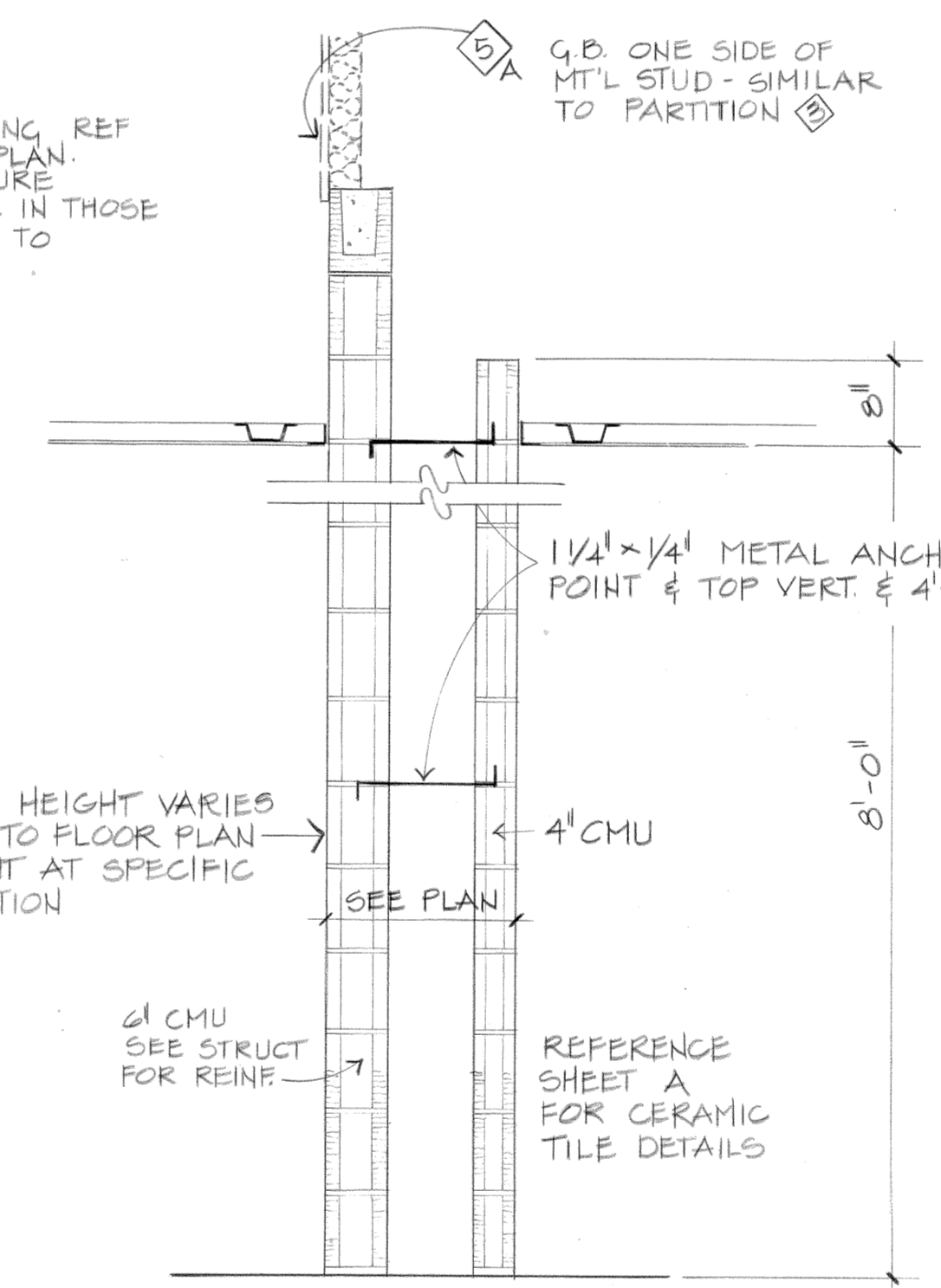


8 PARTITION TYPE NON RATED SCALE: 3/4" = 1'-0"  
 7 PARTITION TYPE NON RATED SCALE: 3/4" = 1'-0"

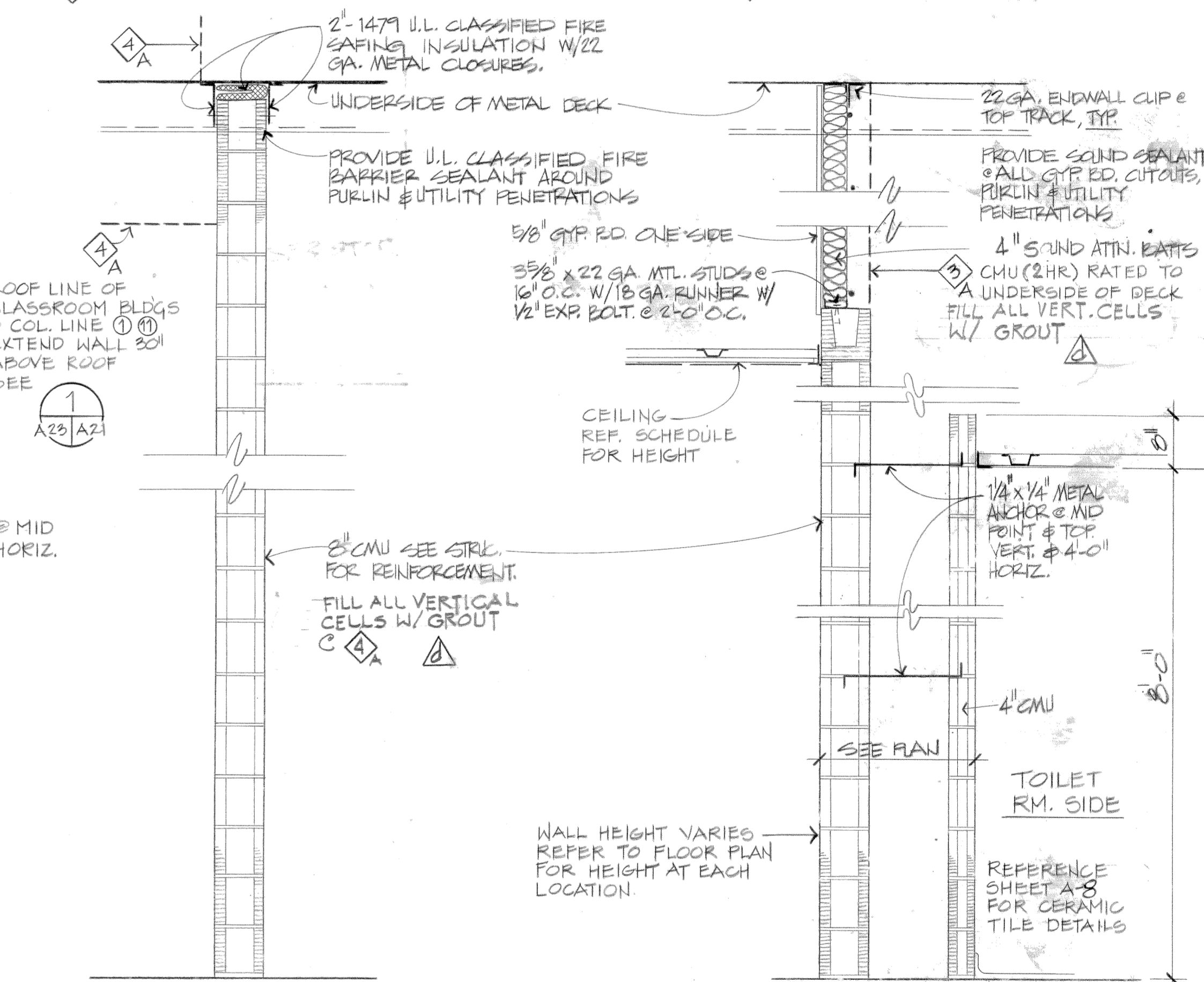
SEE PARTITION 1 FOR INSUL. RETAINER WIRES



6 PARTITION TYPE 6 CMU NON RATED SCALE: 3/4" = 1'-0"  
 6 PARTITION TYPE 6 CMU NON RATED SCALE: 3/4" = 1'-0"



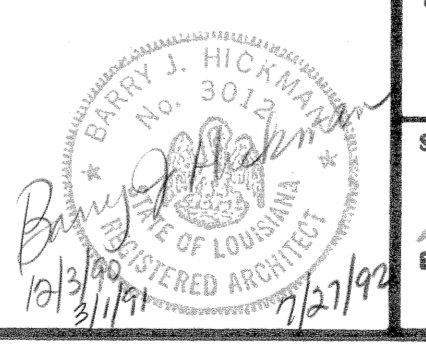
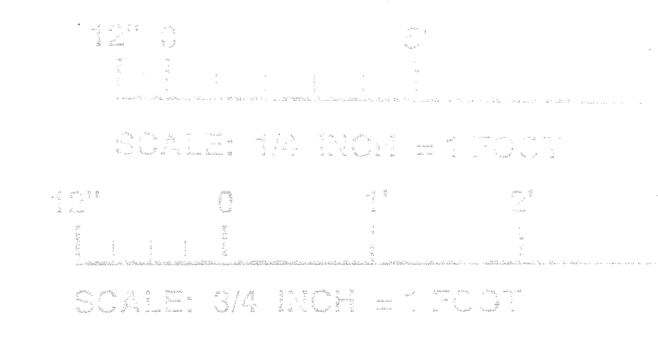
5 PARTITION TYPE NON RATED SCALE: 3/4" = 1'-0"  
 5 PARTITION TYPE NON RATED SCALE: 3/4" = 1'-0"



4 PARTITION TYPE 1 HR RATED SCALE: 3/4" = 1'-0"  
 4 PARTITION TYPE 2 HR RATED SCALE: 3/4" = 1'-0"  
 3 PARTITION TYPE NON RATED SCALE: 3/4" = 1'-0"  
 3 PARTITION TYPE 2 HR RATED SCALE: 3/4" = 1'-0"

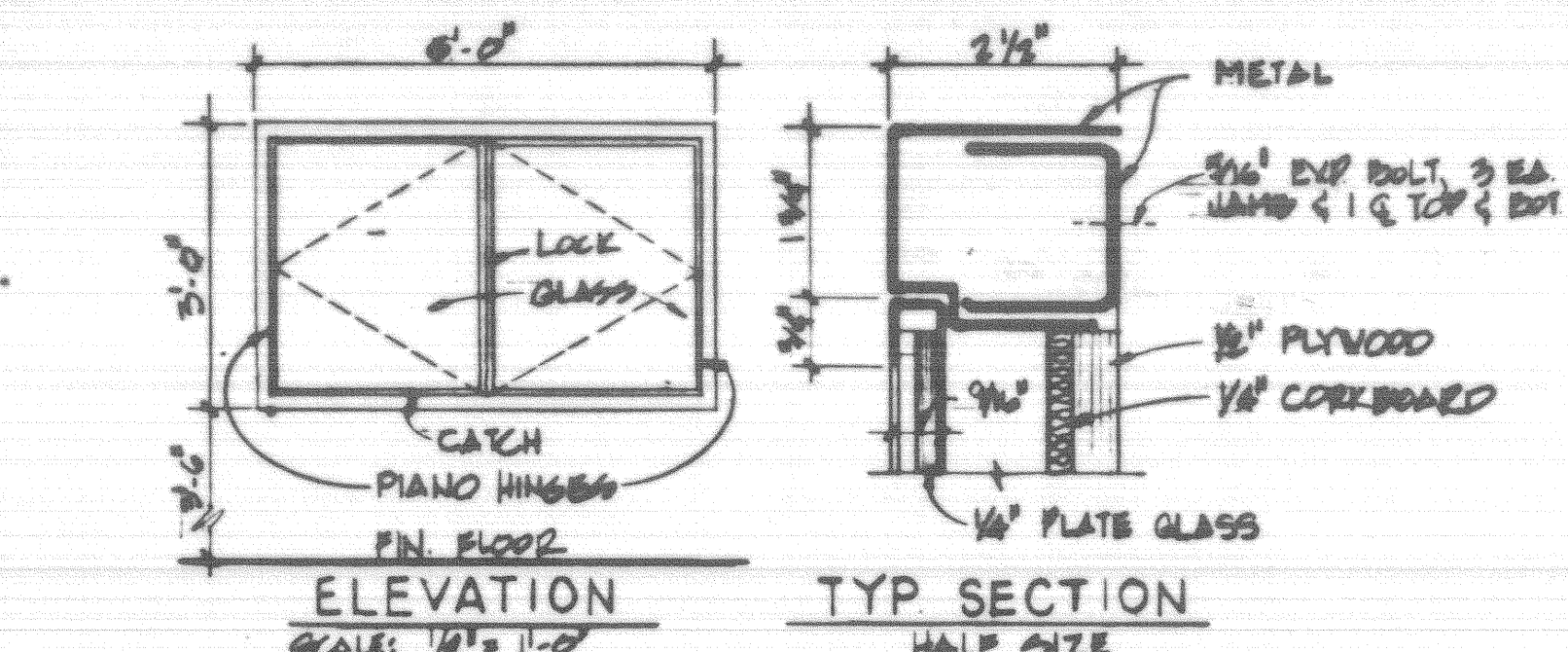
NOTES:

1. JOINTS IN GYPSUM BOARD PARTITIONS WHICH ARE ABOVE CEILING SHALL BE TAPED AND FLOATED FOR FIRE RATED PARTITIONS AND TAPED ONLY FOR NON RATED PARTITIONS.

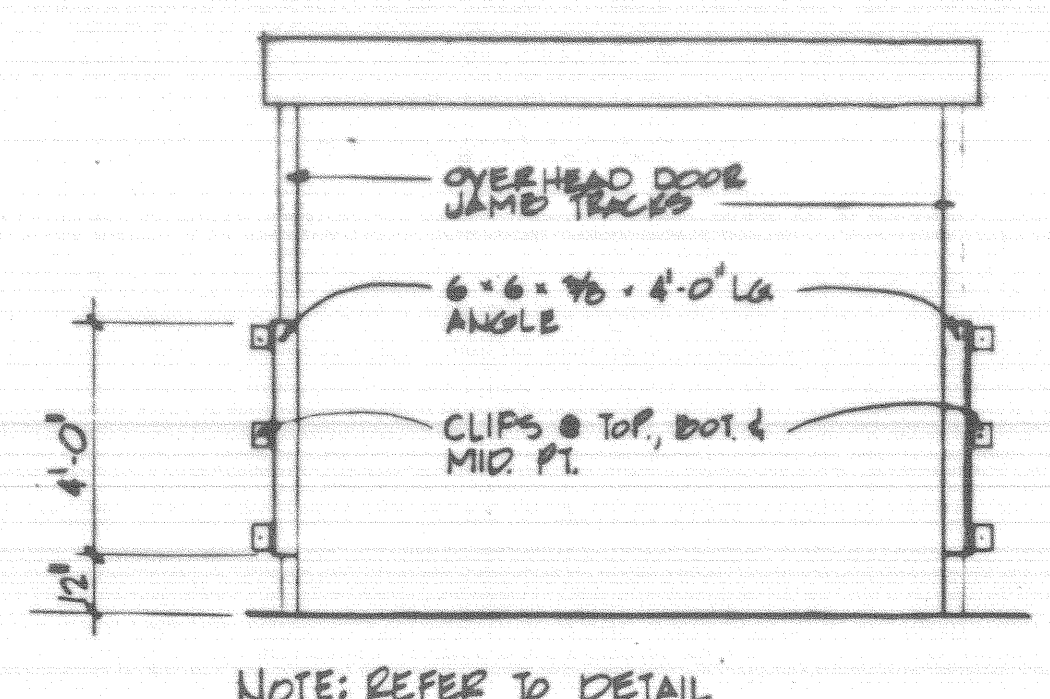


| REVISIONS |                  |                                 |    |
|-----------|------------------|---------------------------------|----|
| NO.       | DATE             | DESCRIPTION                     | BY |
| 1         | AM#0000 9AUG 92  | AGREED ON REVIEW COMMENTS       |    |
| 2         | AM#0001 4 JUN 92 | REVISED TO REFLECT W.I. CHANGES |    |

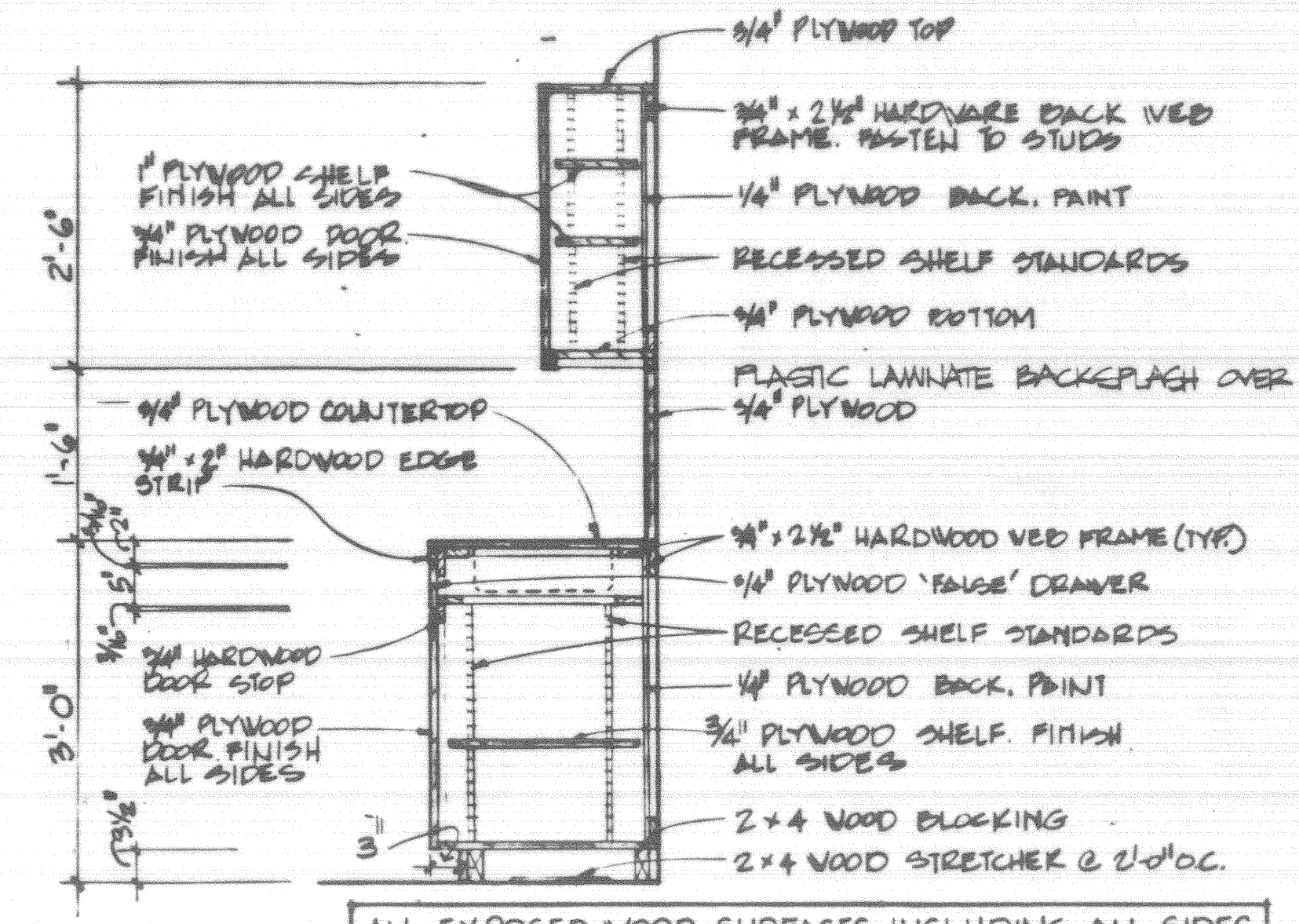
|                           |  |  |  |
|---------------------------|--|--|--|
| DESIGNED BY: L.B.         |  | U.S. ARMY ENGINEER DISTRICT, FORT WORTH CORPS OF ENGINEERS FORT WORTH, TEXAS     |  |
| DRAWN BY: Y.              |  | GOODFELLOW AIR FORCE BASE SAN ANGELO, TEXAS                                      |  |
| REVIEWED BY: C.M.         |  | FIRE TRAINING COMPLEX PARTITION TYPES AND MISC. DETAILS (FIRE TRAINING BUILDING) |  |
| SUBMITTED BY: [Signature] |  | SOL. NO. DACAG3-92-B-0107 DATED: JUN. 1992                                       |  |
| ENGINEER: [Signature]     |  | CONTR. NO. DACAG3-92-C-0155 SHEET NO. 107  |  |



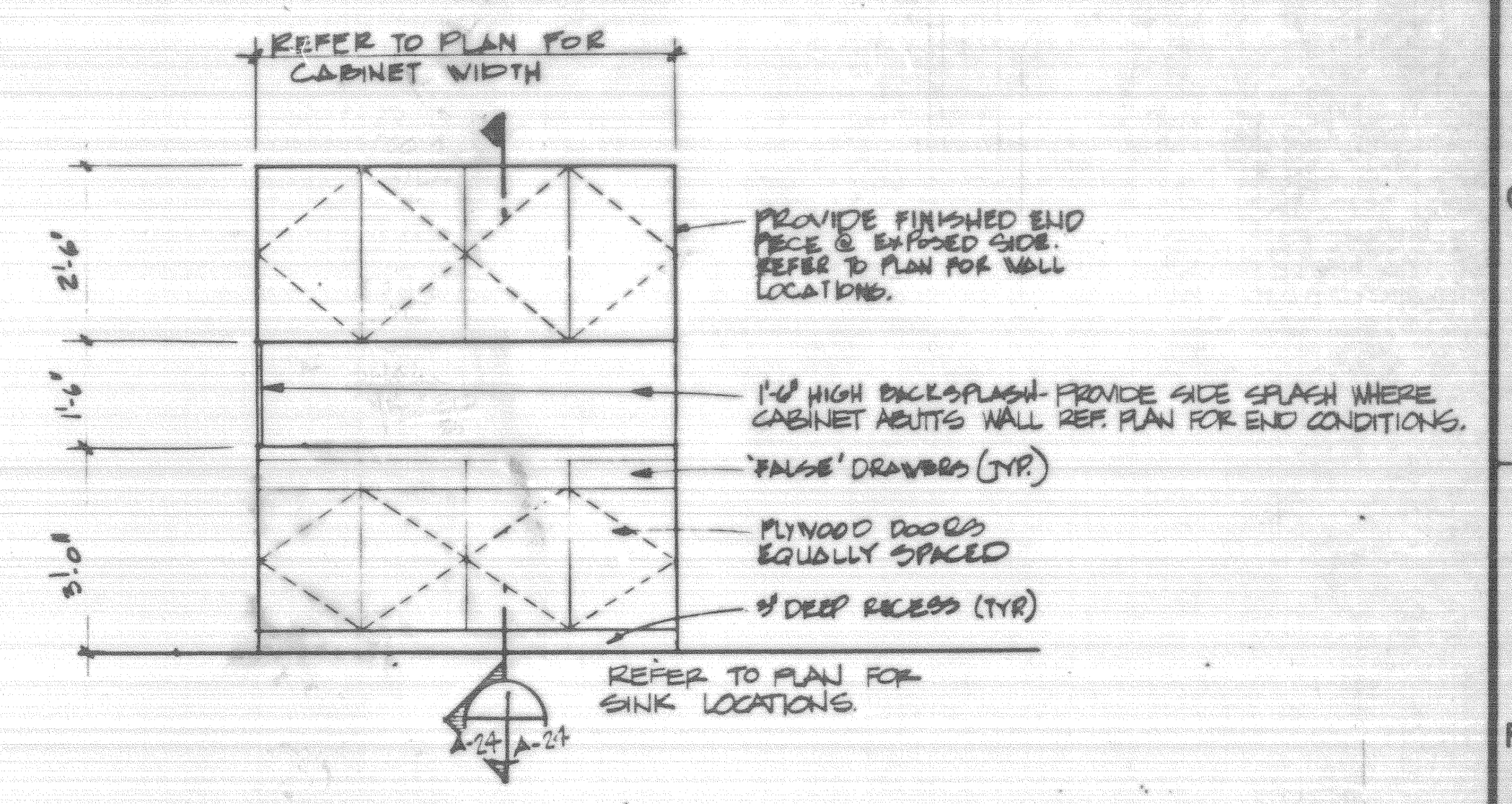
14 BULLETIN BOARD DETAILS  
SCALE: 1/8" = 1'-0"



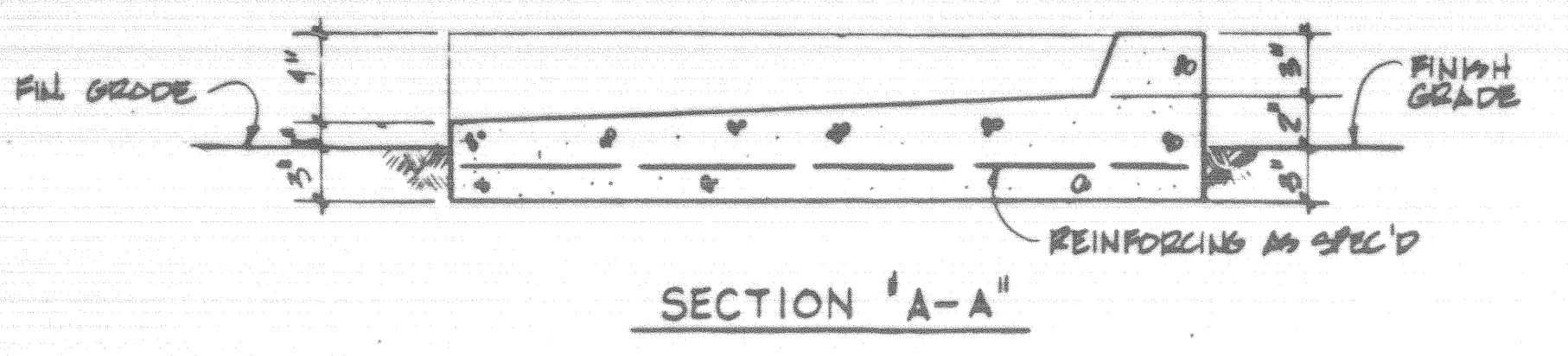
13 OVERHEAD DOOR ELEVATION  
SCALE: N.T.S.



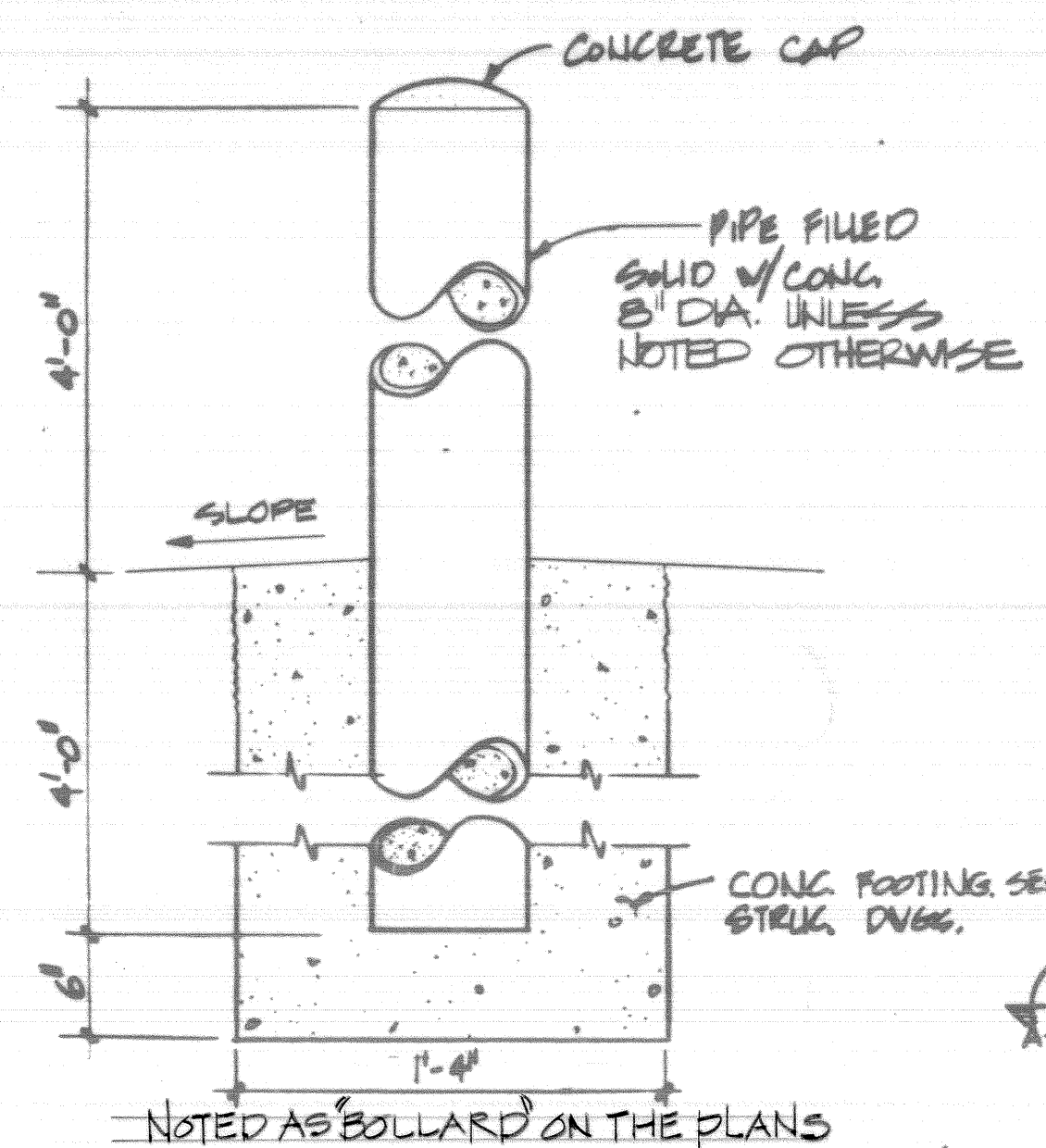
1 SECTION THRU CABINET  
SCALE: 3/4" = 1'-0"



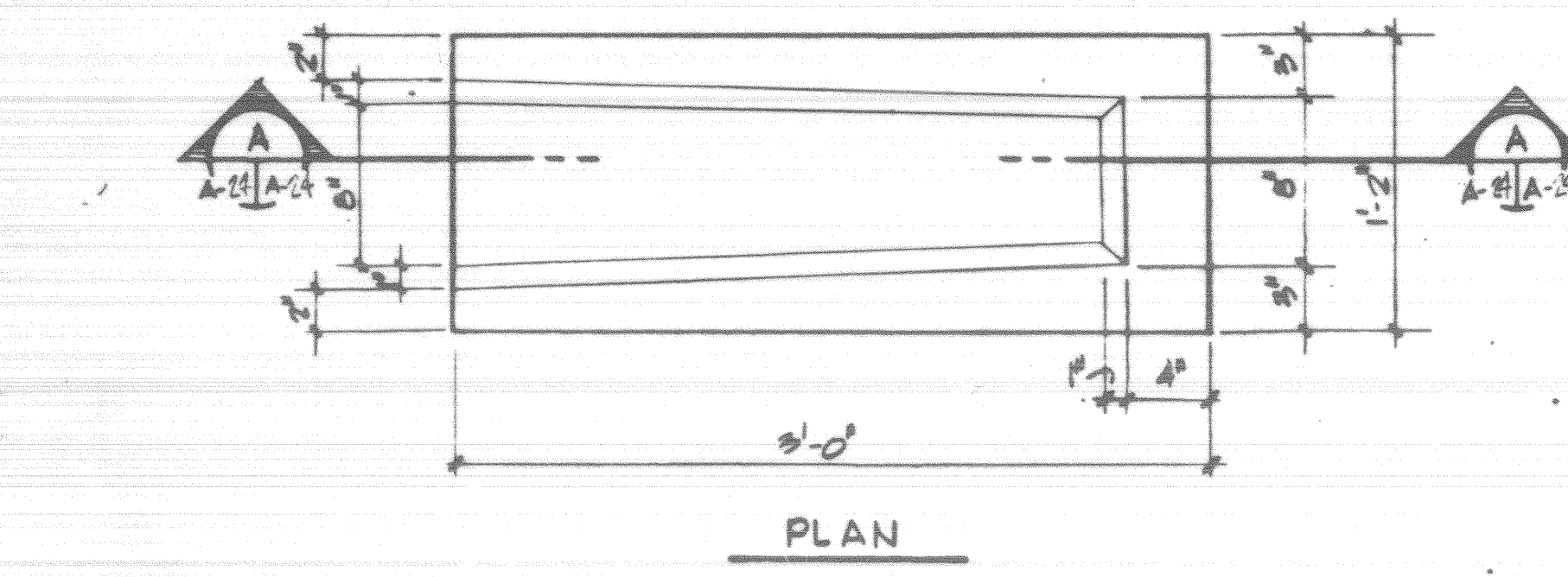
3 TYPICAL ELEVATION OF BREAKROOM CABINETS  
SCALE: 1/2" = 1'-0"



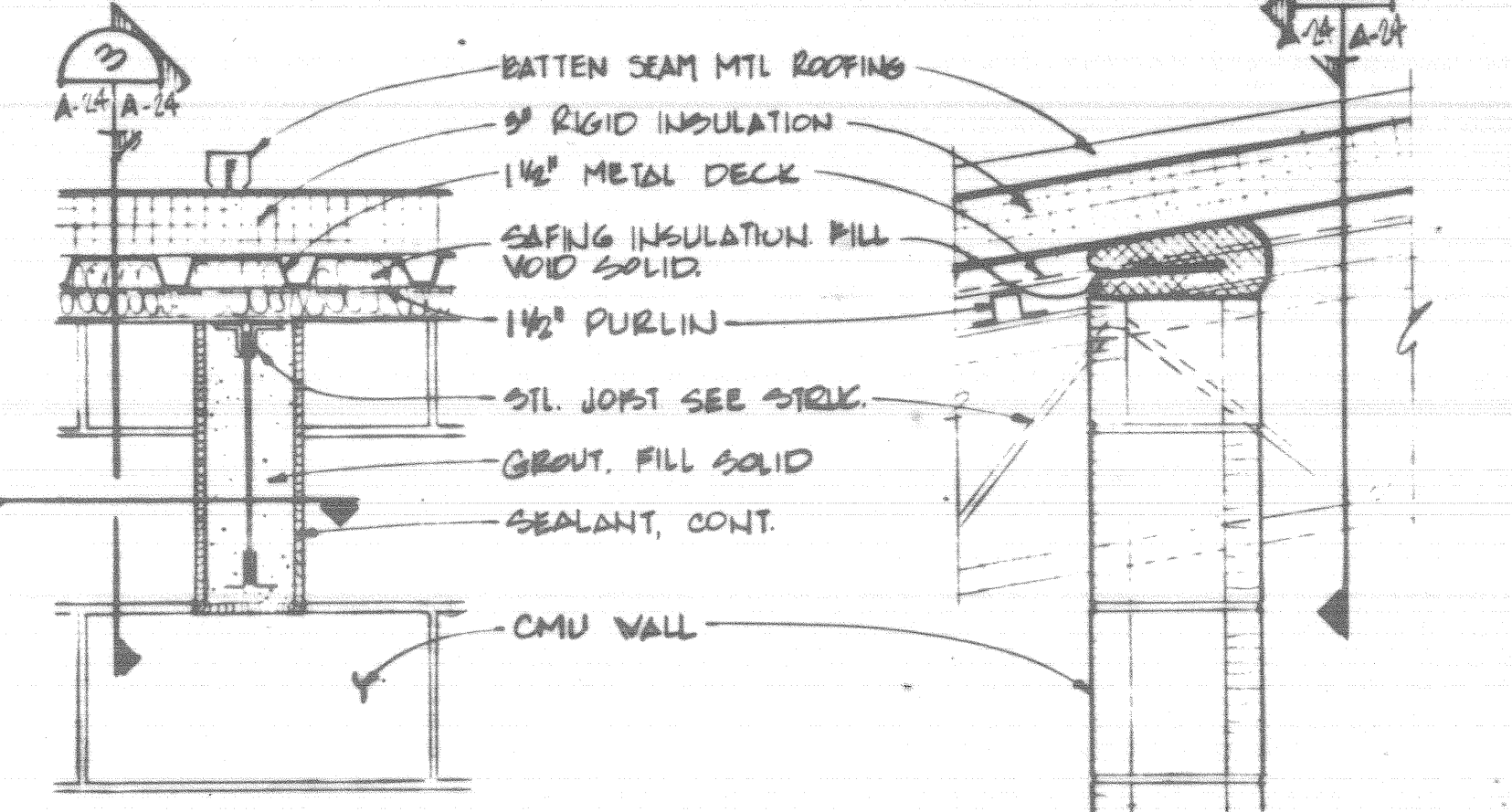
SECTION 'A-A'



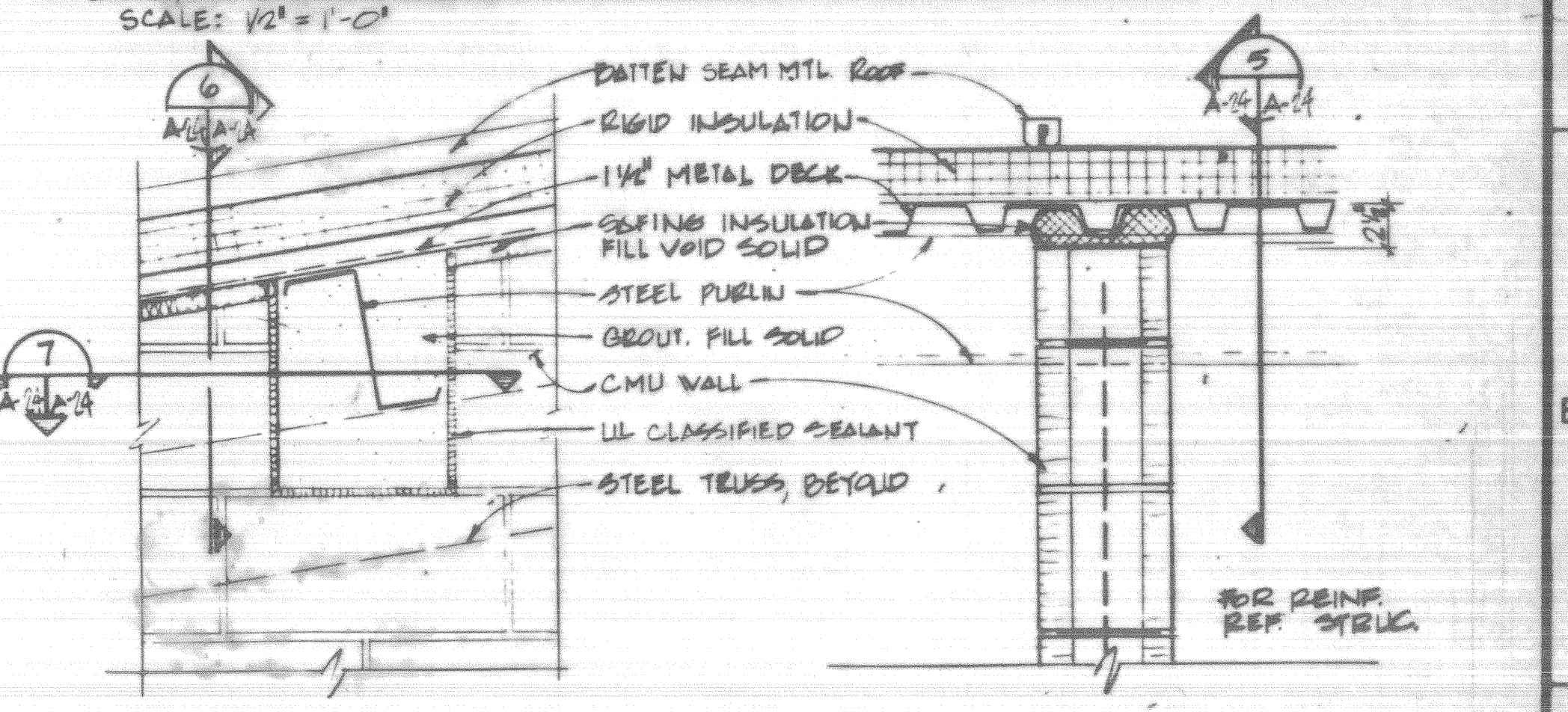
12 PIPE GUARD DETAIL  
SCALE: N.T.S.



15 SPLASH BLOCK DETAIL  
SCALE: 1/4" = 1'-0"

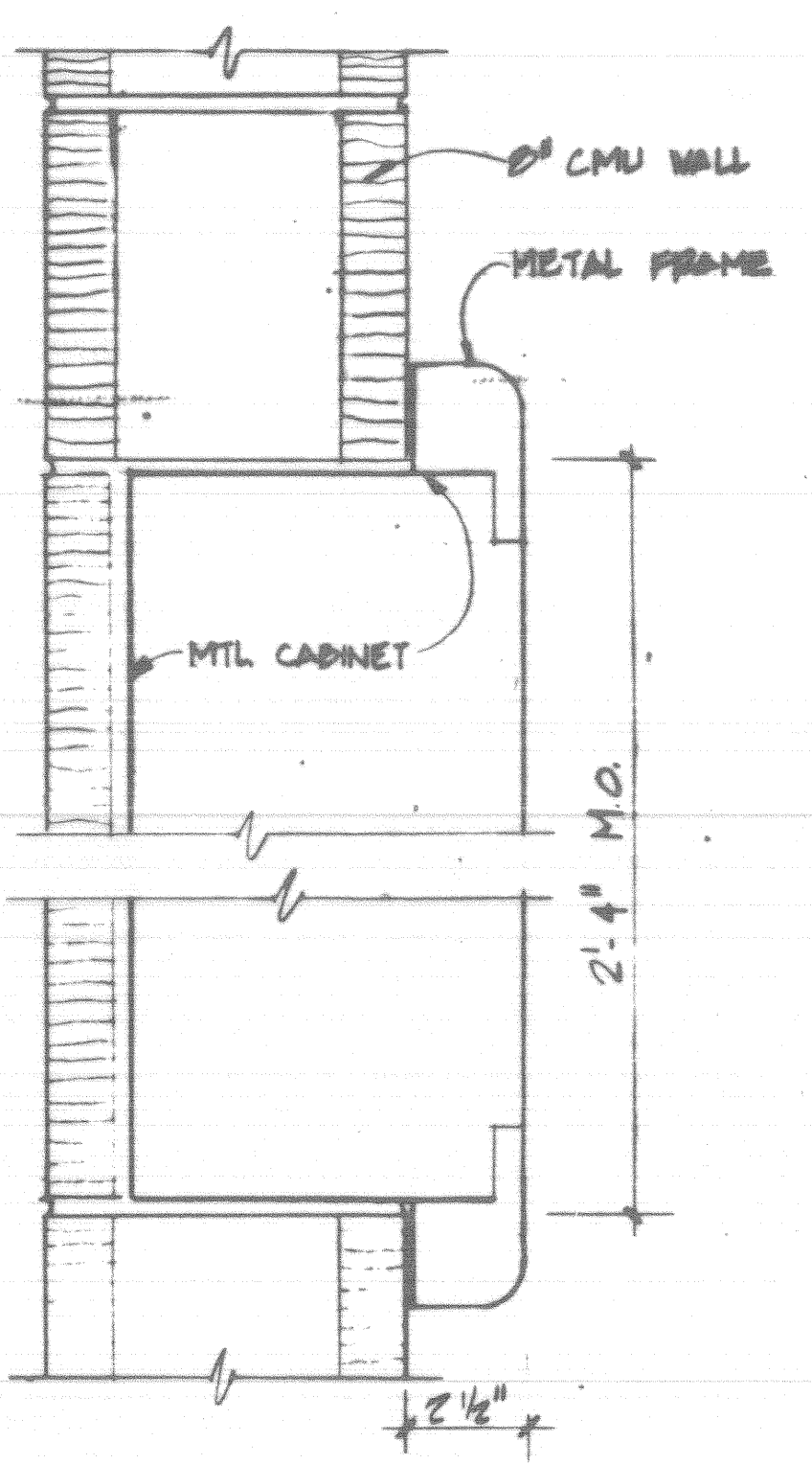


2 ELEV./SECT. SCALE: 1/2" = 1'-0"

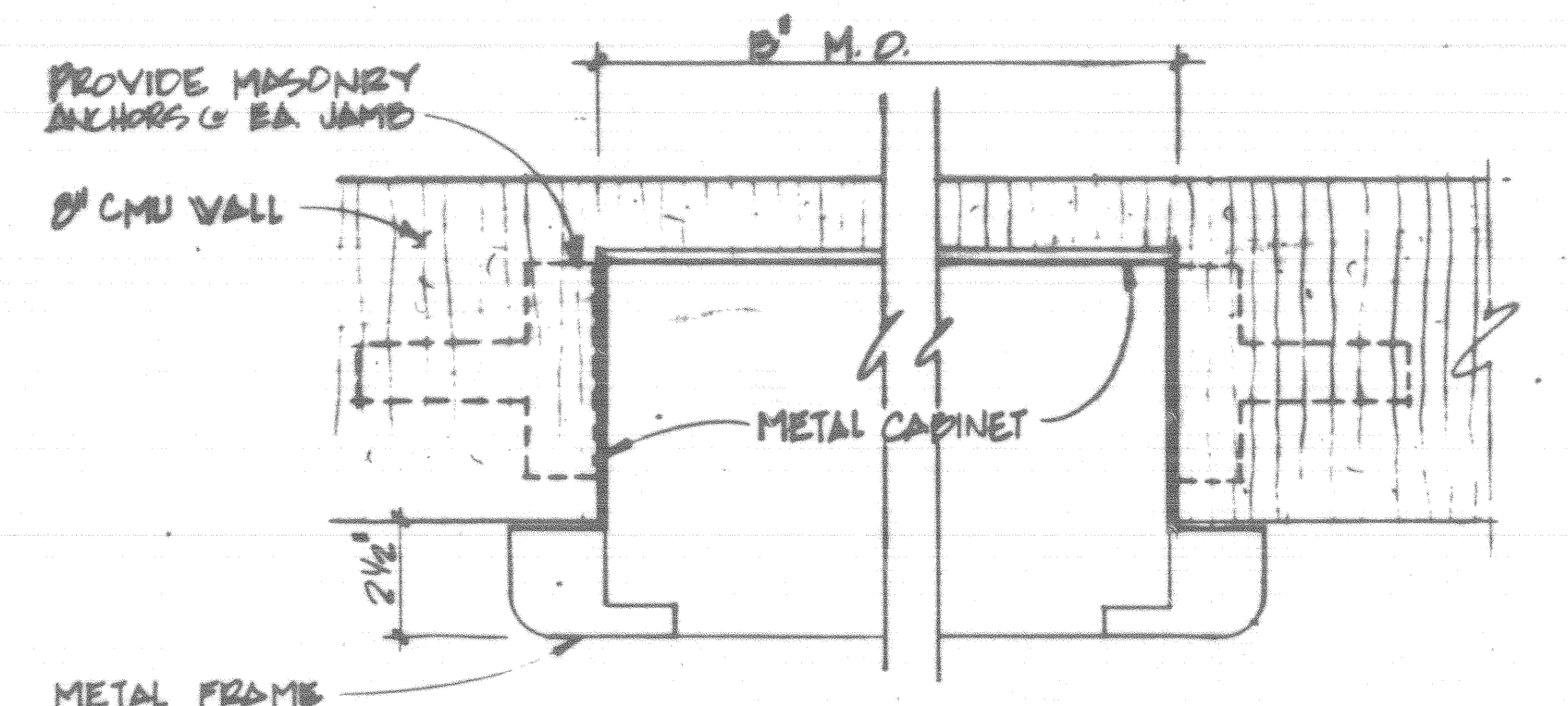


5 ELEV./SECT. SCALE: 1/2" = 1'-0"

6 SECTION SCALE: 1/2" = 1'-0"

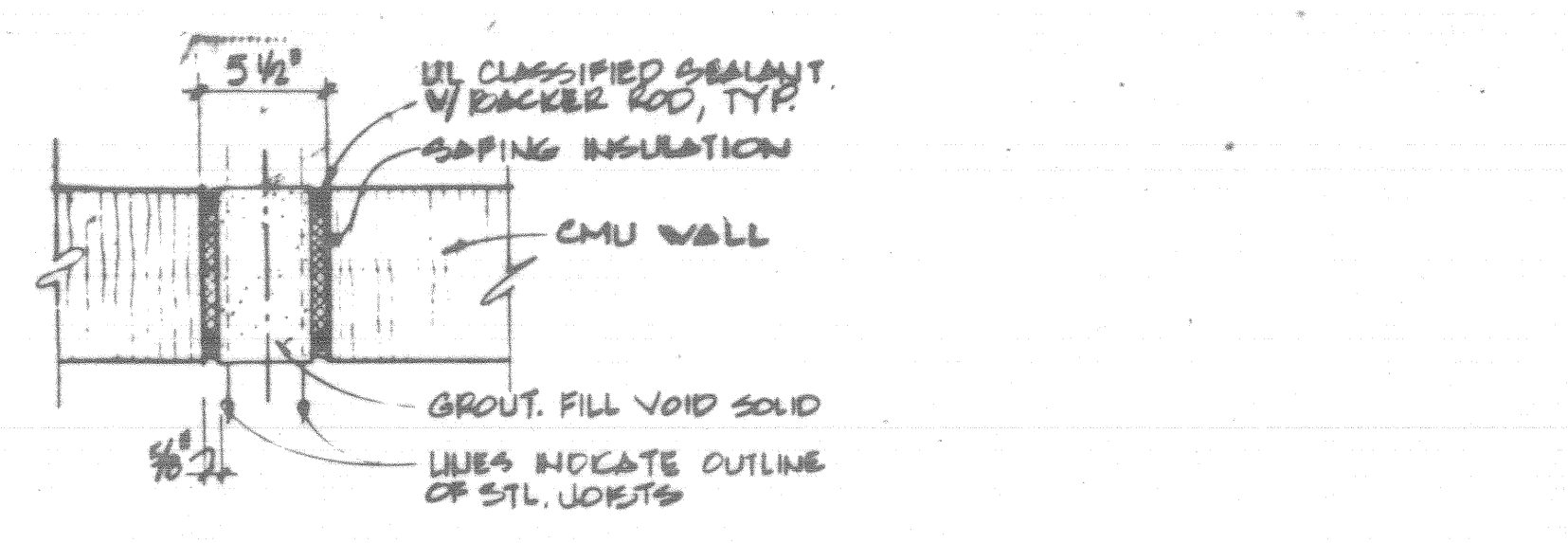


16 SECTION @ FIRE EXT. CABINET  
SCALE: 3/4" = 1'-0"

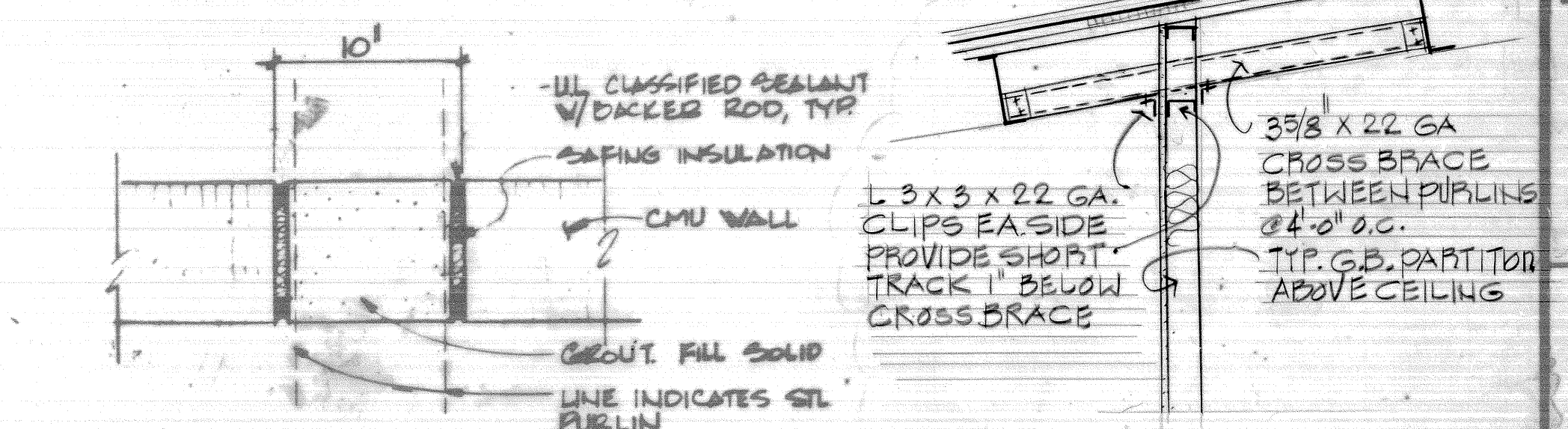


11 PLAN DETAIL @ FIRE EXT. CABINET  
SCALE: 3/8" = 1'-0"

3 SECTION TYP. CMU/ROOF SCALE: 1/2" = 1'-0"

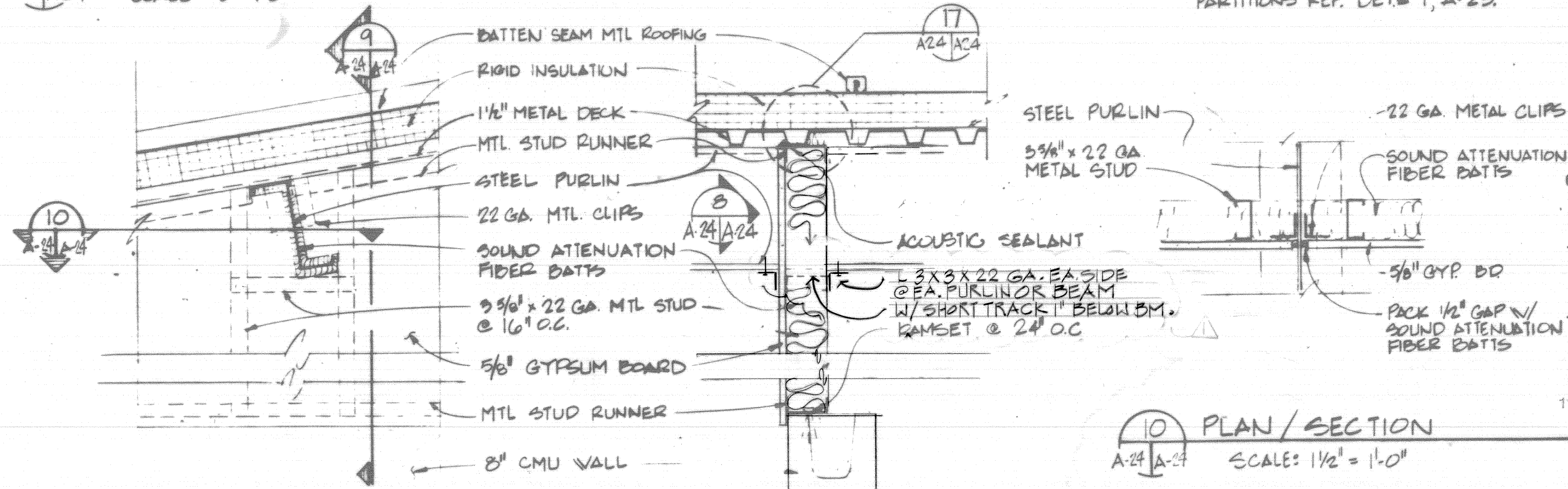


4 PLAN/SECT. SCALE: 1/2" = 1'-0"

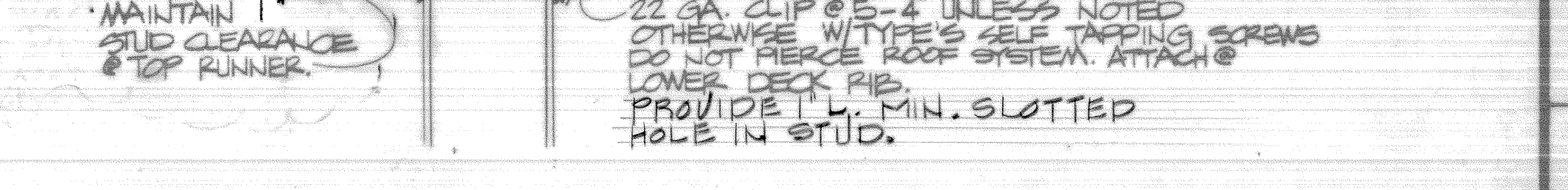


7 PLAN/SECTION SCALE: 1/2" = 1'-0"

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



9 SECTION TYP MET. STUD/ROOF  
SCALE: 1/2" = 1'-0"



17 DETAIL SCALE: 3" = 1'-0"

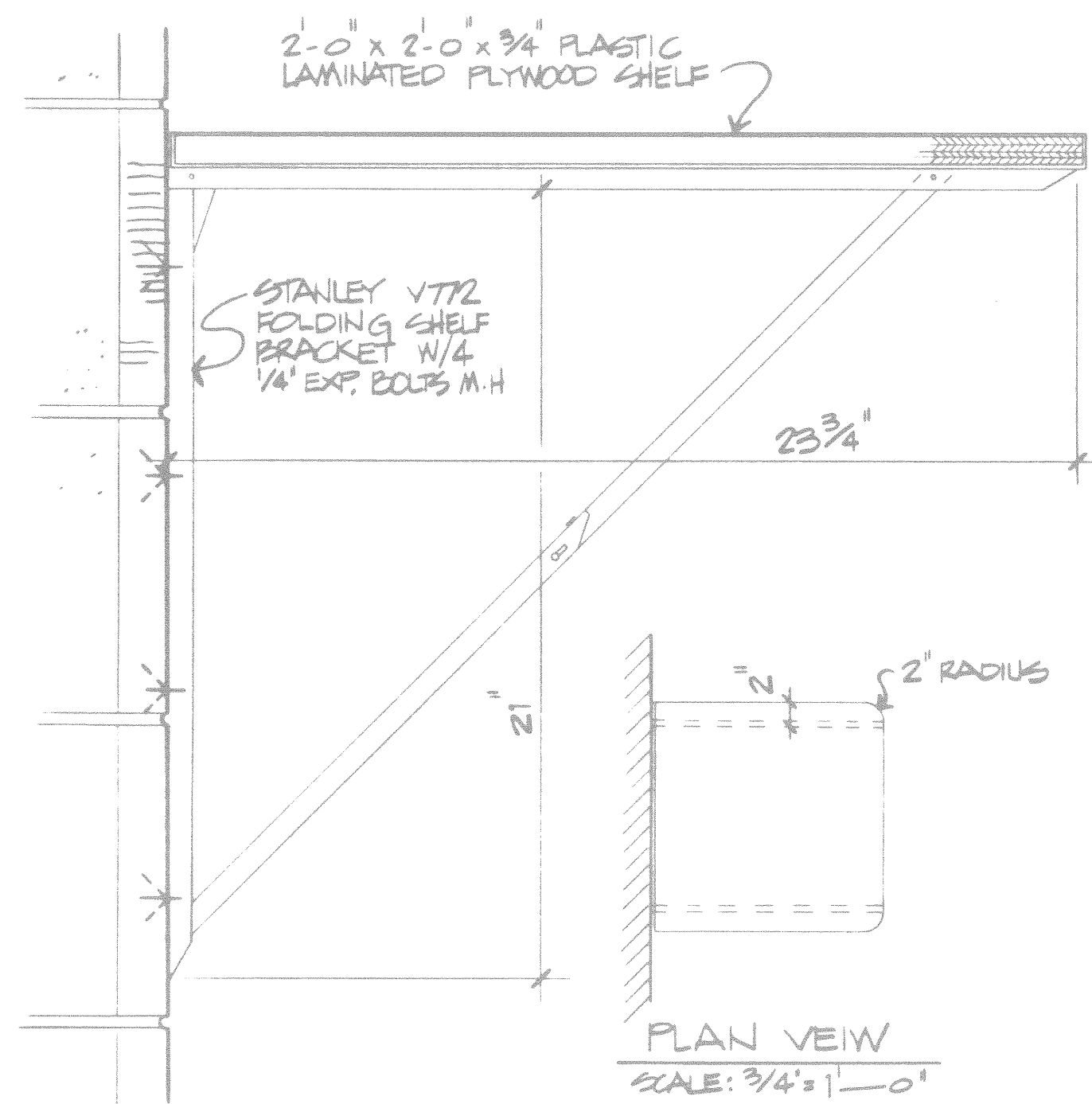
10 PLAN/SECTION SCALE: 1/2" = 1'-0"

|                            |  |                            |  |
|----------------------------|--|----------------------------|--|
| SCALE: 3 INCHES = 1 FOOT   |  | SCALE: 1 1/2 INCH = 1 FOOT |  |
| SCALE: 1 1/2 INCH = 1 FOOT |  | SCALE: 1/2 INCH = 1 FOOT   |  |
| SCALE: 1/2 INCH = 1 FOOT   |  | SCALE: 1/2 INCH = 1 FOOT   |  |

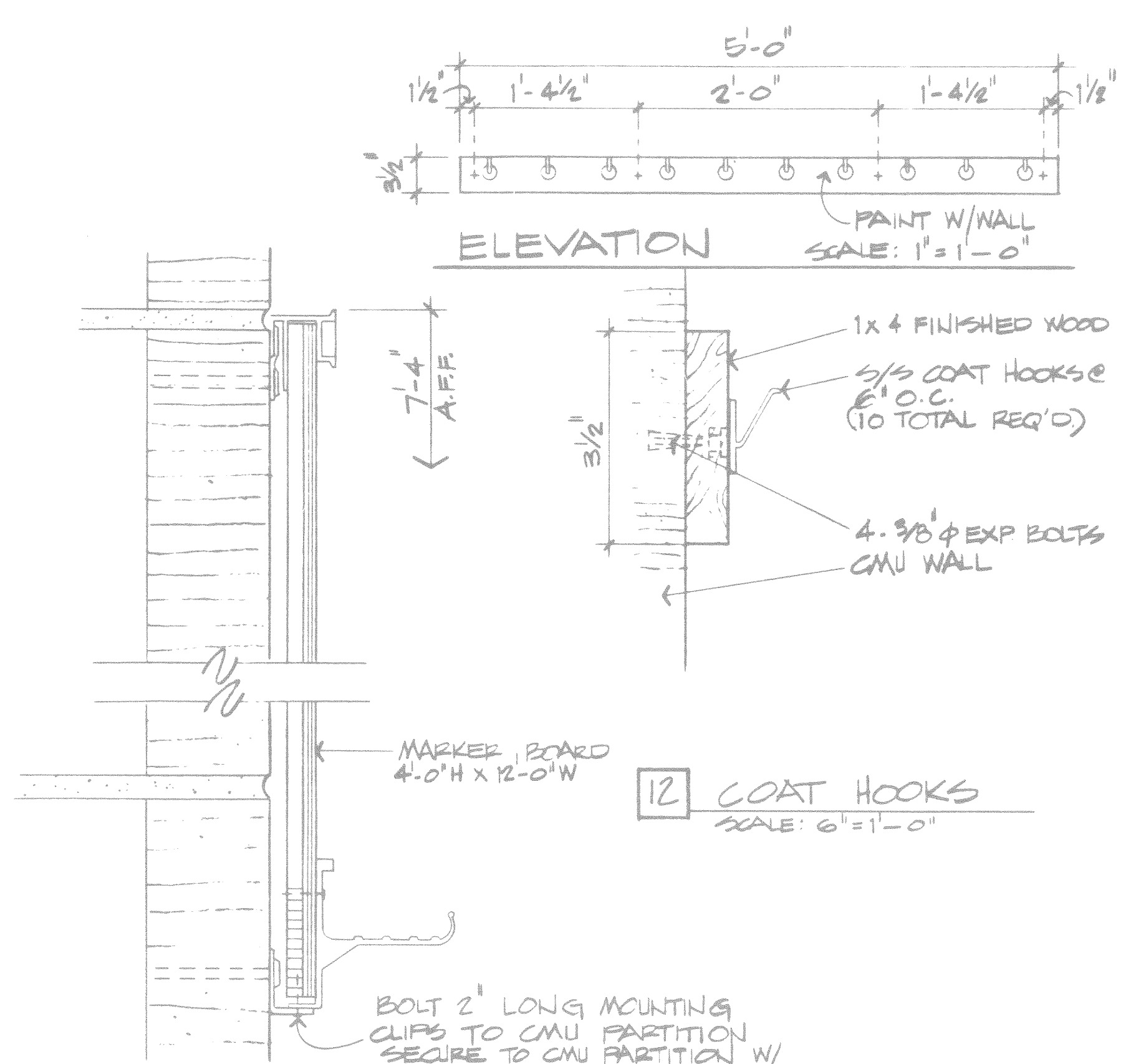
|                       |  |                           |  |
|-----------------------|--|---------------------------|--|
| DESIGNED BY: L.B.     |  | DRAWN BY: G.V.            |  |
| REVIEWED BY: C.M.     |  | SUBMITTED BY: [Signature] |  |
| ENGINEER: [Signature] |  | DATE: JUN. 1992           |  |
| SHEET NO. A24 OF 62   |  | SHEET NO. 108             |  |

NOTE: PENETRATIONS & TRUSS SIMILAR  
INT. MET. STUD PERPENDICULAR TO PURLIN

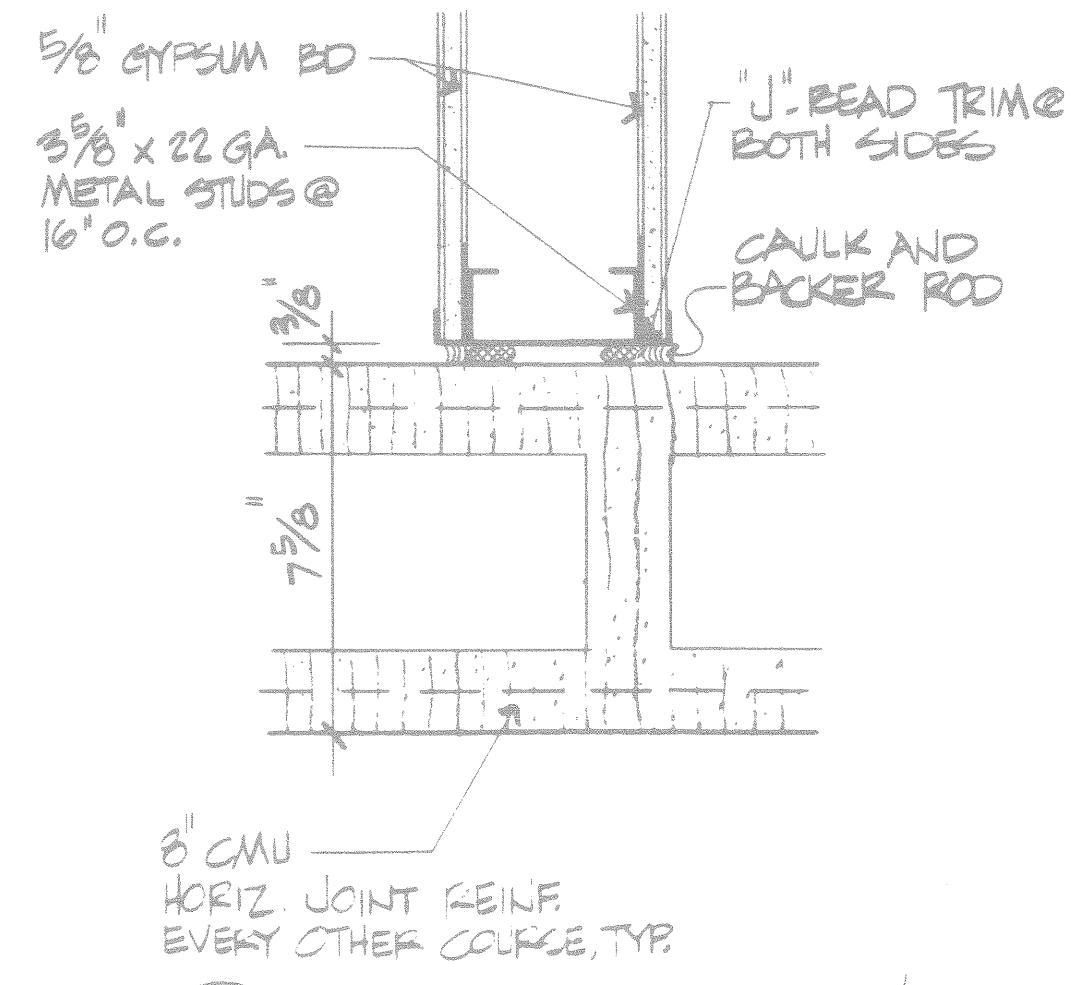




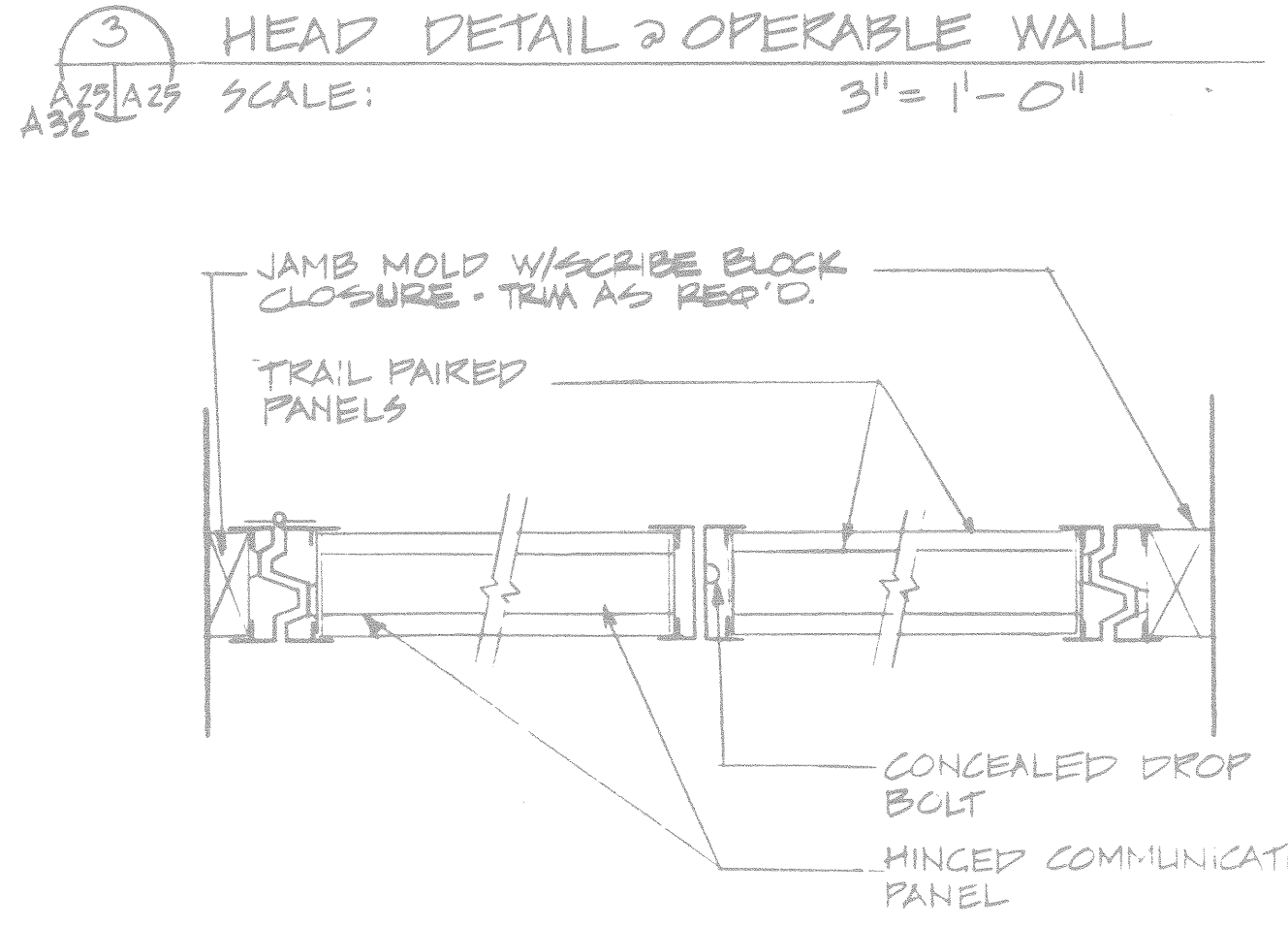
4 SECTION AT FOLDING SHELF  
SCALE: 3/4" = 1'-0"



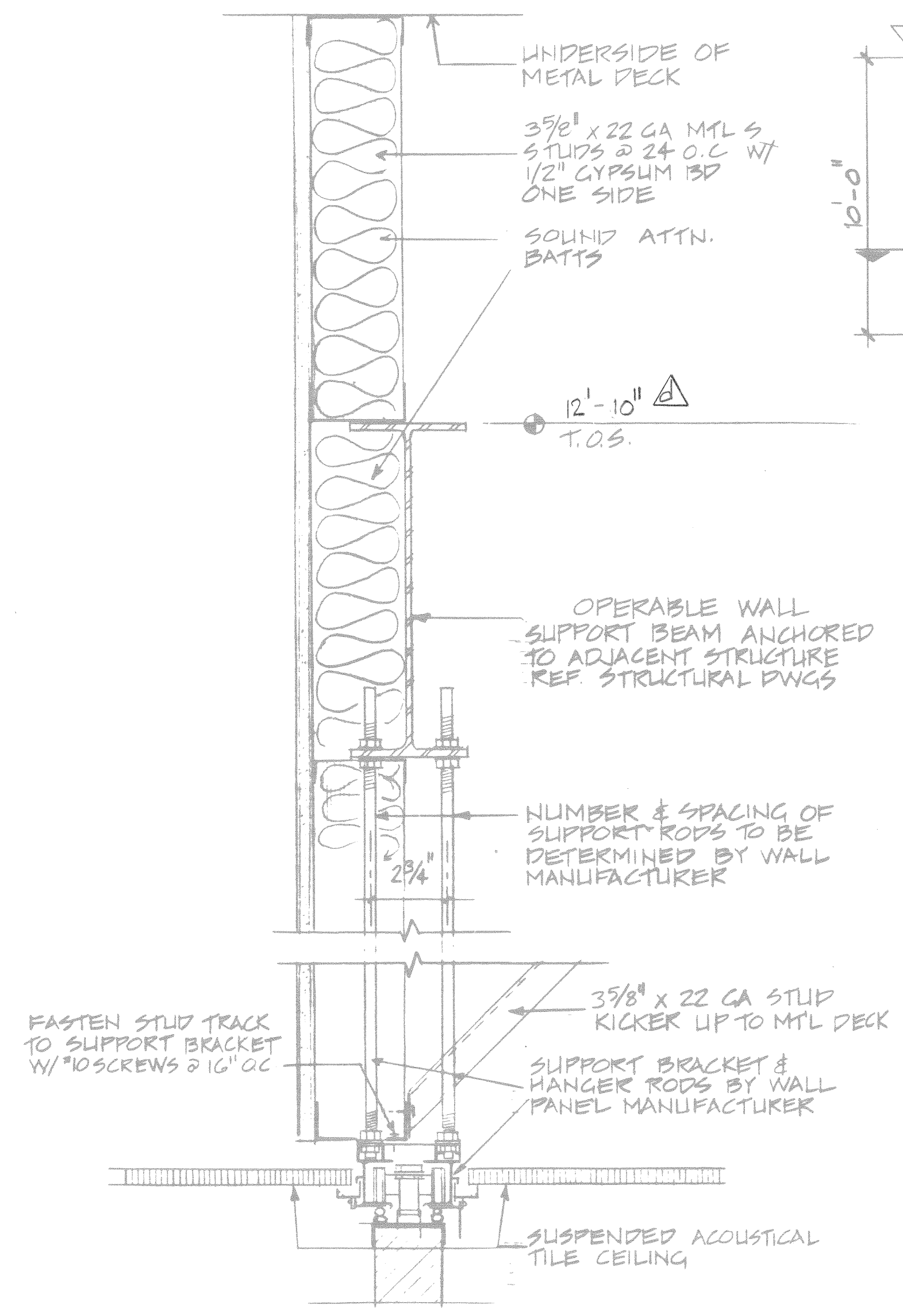
1 SECTION AT MARKER BOARD  
SCALE: 6" = 1'-0"



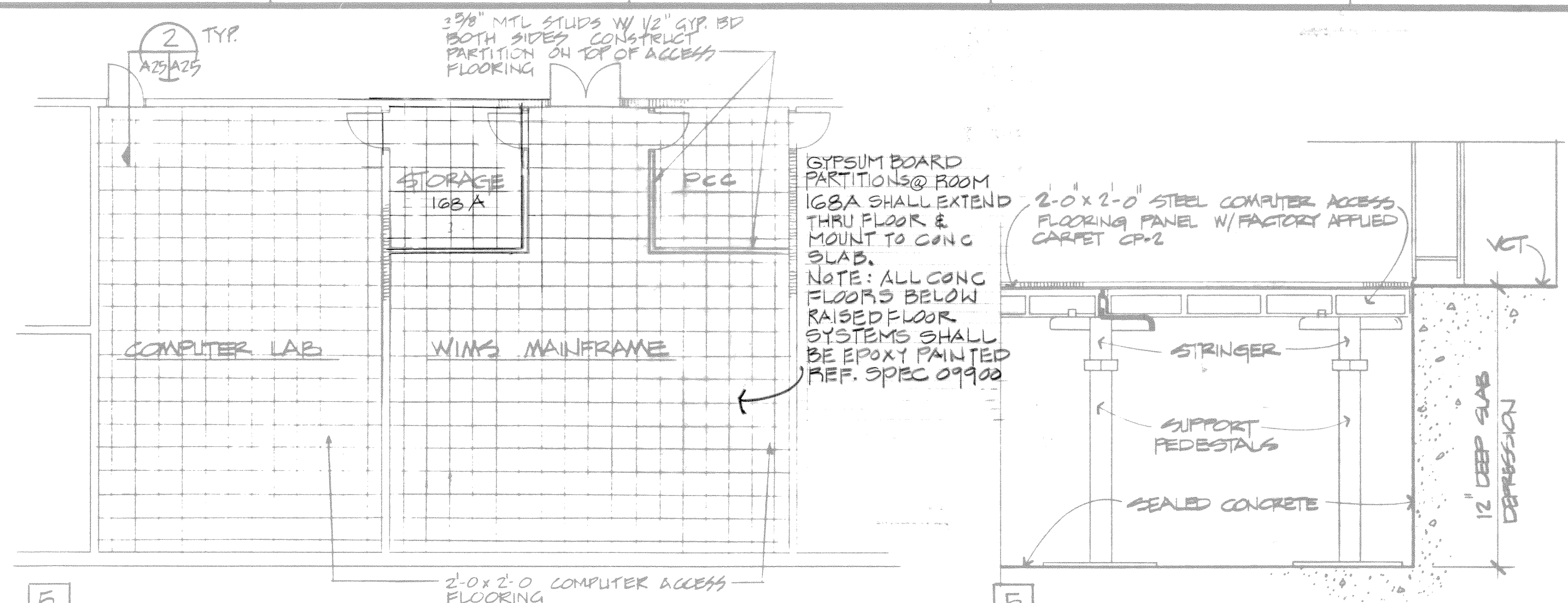
5 DETAIL TYP. MET. STUD/CMU  
SCALE: 2" = 1'-0"



4 JAMB DETAILS @ OPERABLE WALL  
SCALE: 3" = 1'-0"

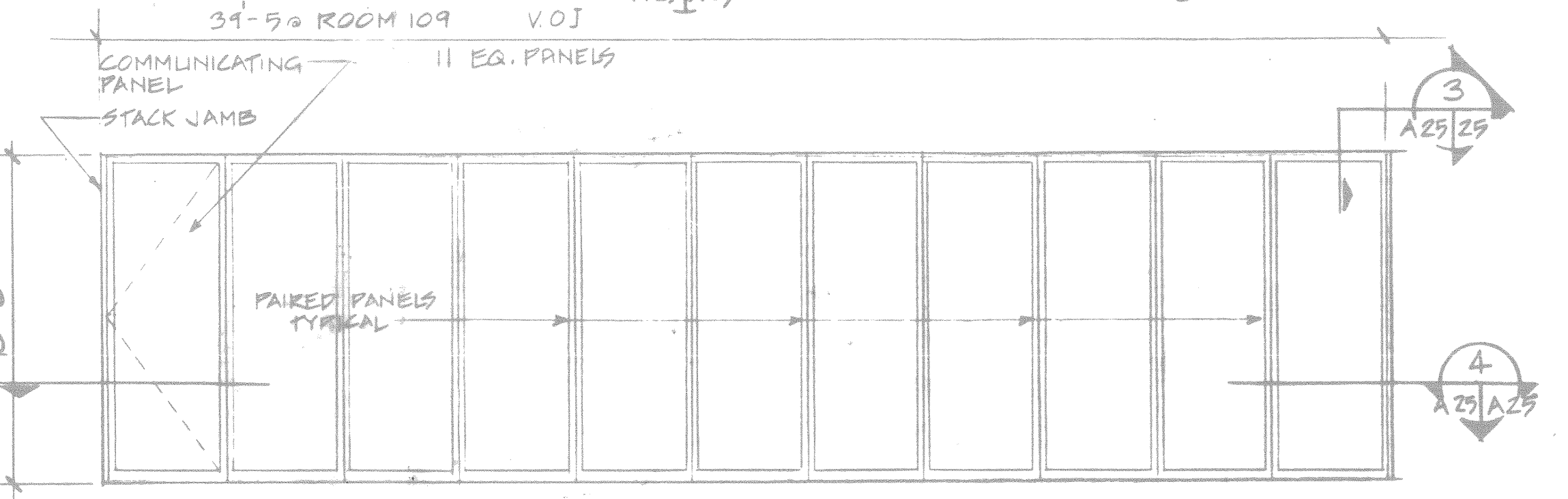


3 HEAD DETAIL @ OPERABLE WALL  
SCALE: 3" = 1'-0"

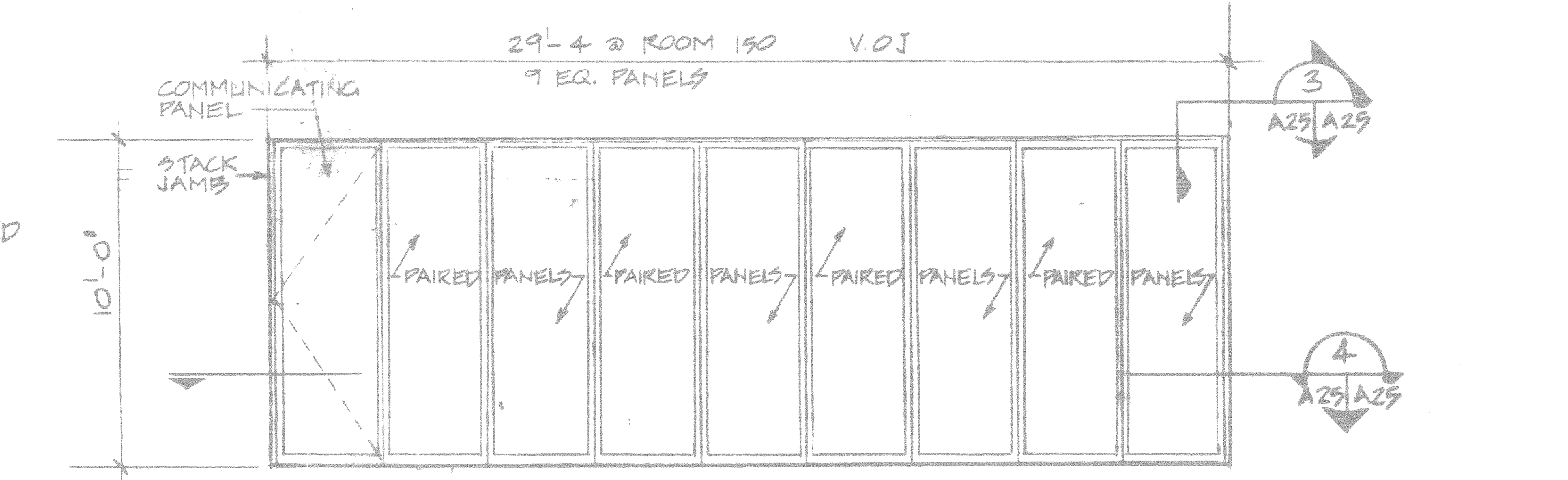


5 LAYOUT PLAN FOR ACCESS FLOORING  
SCALE: 1/8" = 1'-0"

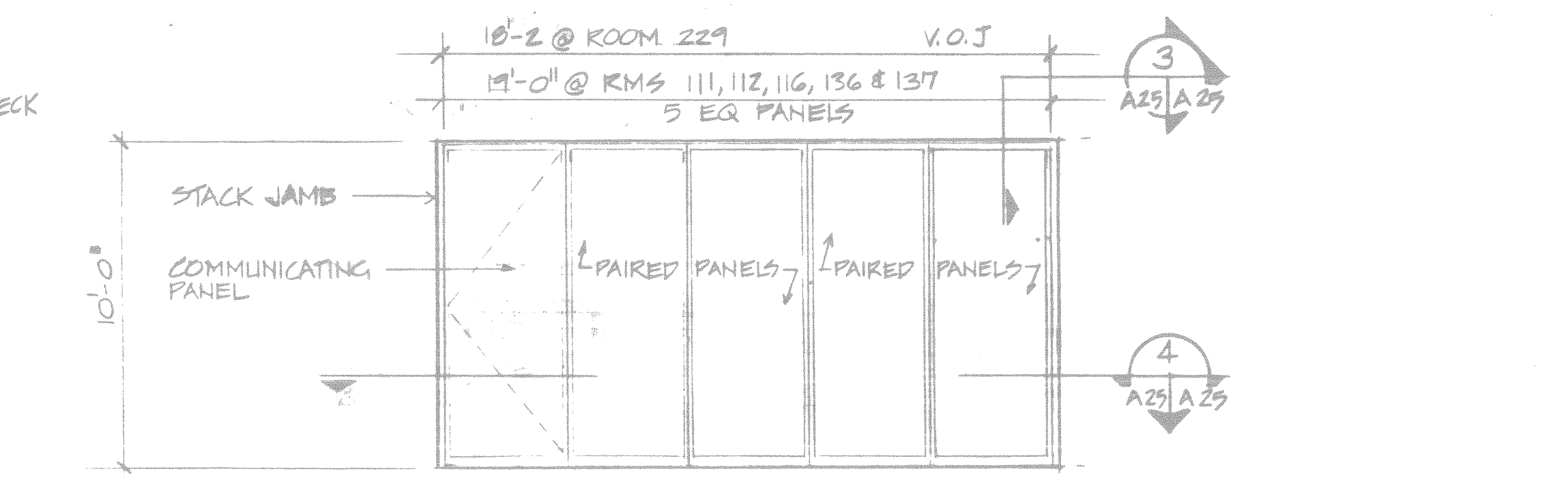
2 DETAIL AT ACCESS FLOORING  
SCALE: 3" = 1'-0"



13 INTERIOR ELEVATION - OPERABLE WALL



13 INTERIOR ELEVATION - OPERABLE WALL



13 INTERIOR ELEVATION - OPERABLE WALL  
SCALE: 1/4" = 1'-0"

FIRE TRAINING BUILDING

AM#0004 3 AUG 92 DIMENSION CHANGE  
AM#0001 4 JUN 92 REVISED TO REFLECT W.I. CHANGES

WALK, HAYDEL & ASSOC. INC. U.S. ARMY ENGINEER DISTRICT, FORT WORTH  
ENGINEERS / ARCHITECTS CORPS OF ENGINEERS  
NEW ORLEANS MOBILE BAYON ROUGE FORT WORTH, TEXAS

DESIGNED BY: LB  
DRAWN BY: J.L.  
REVIEWED BY: CM

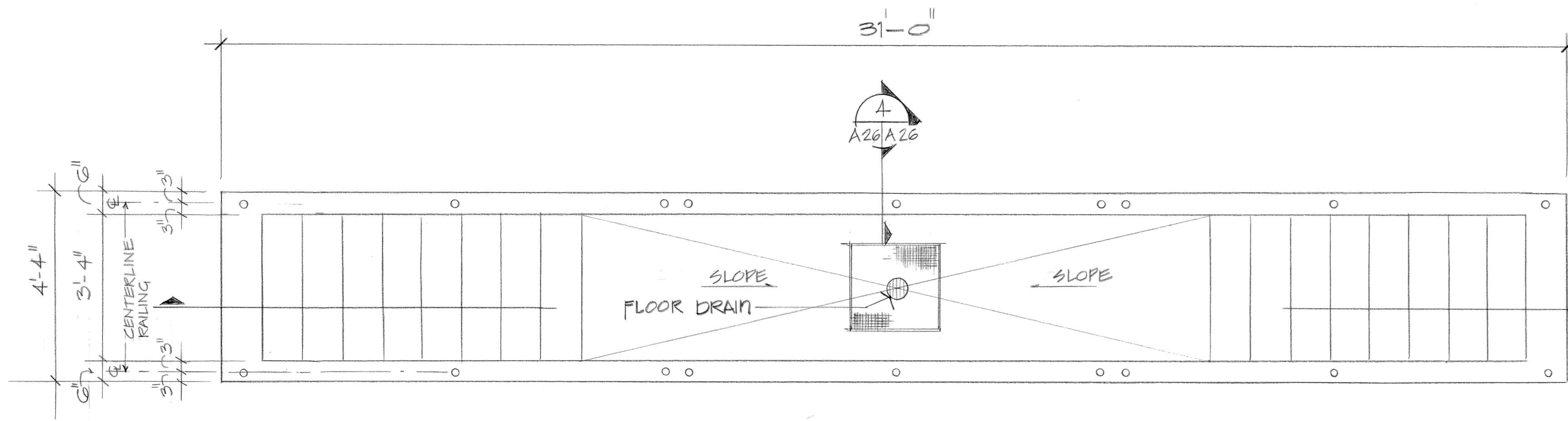
GOODFELLOW AIR FORCE BASE  
SAN ANGELO, TEXAS

**FIRE TRAINING COMPLEX  
DETAILS**

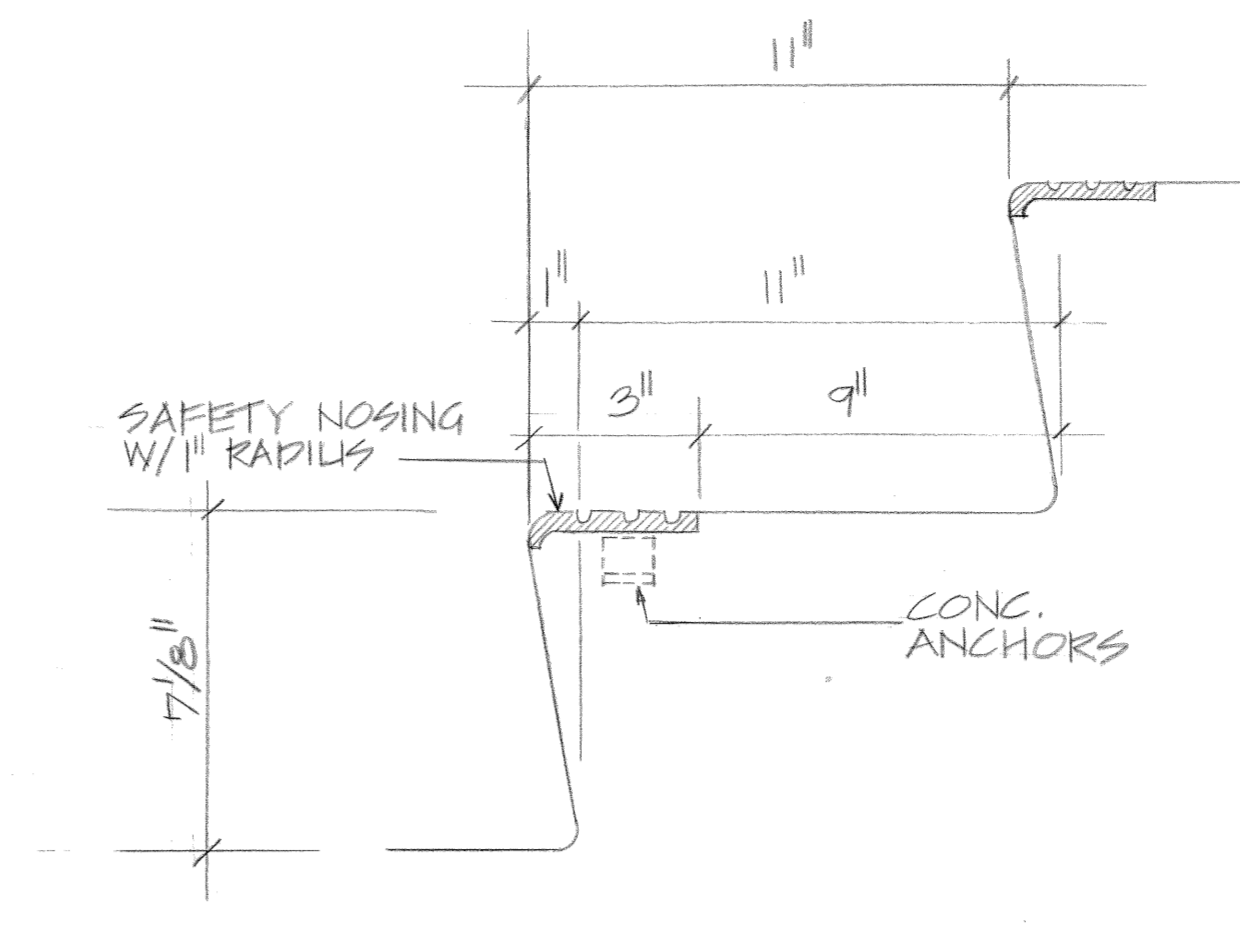
(FIRE TRAINING BUILDING)

SOL. NO. DACAG3-92-B-0109 DATED: JUN. 1992  
CONTR. NO. DACAG3-92-C-0155  
DRAWING NUMBER: 12619  
SHEET NO. 02  
SEQUENCE NO. 109

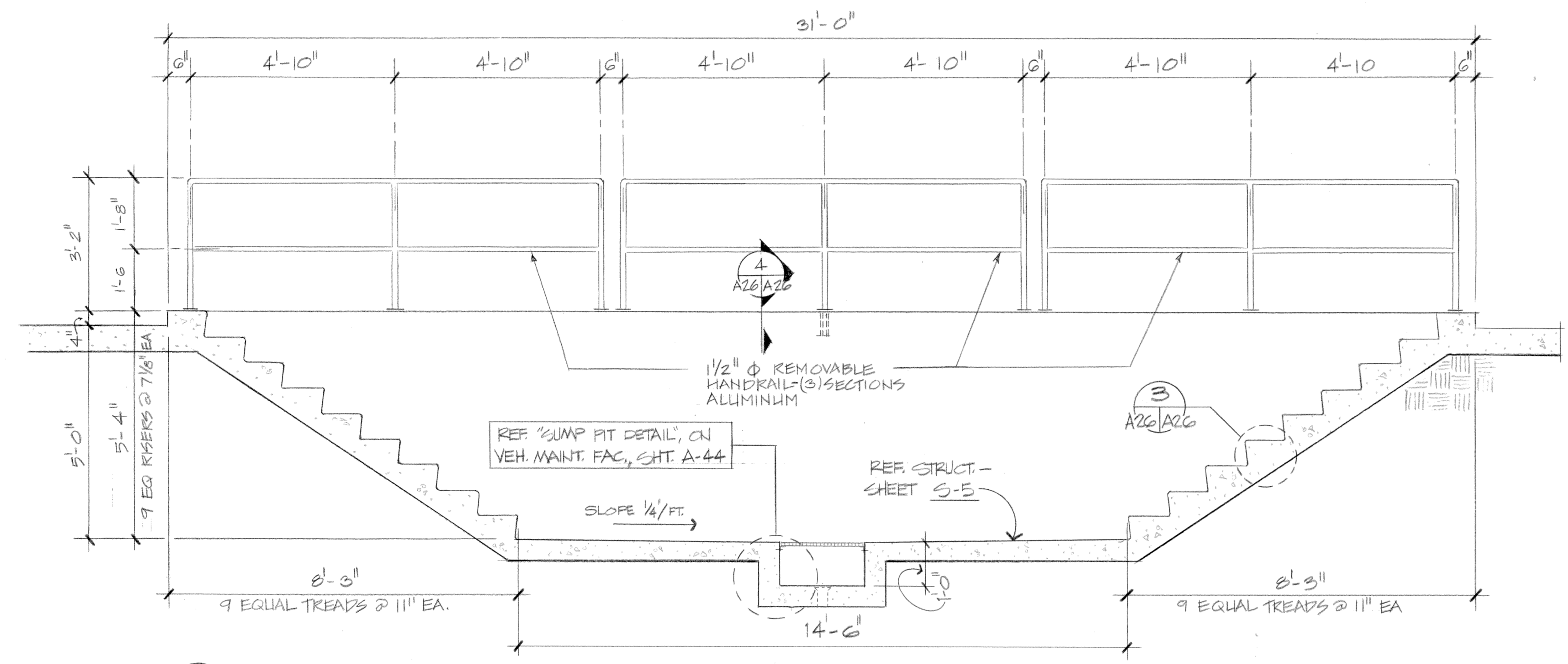
DATE: 6/11/92



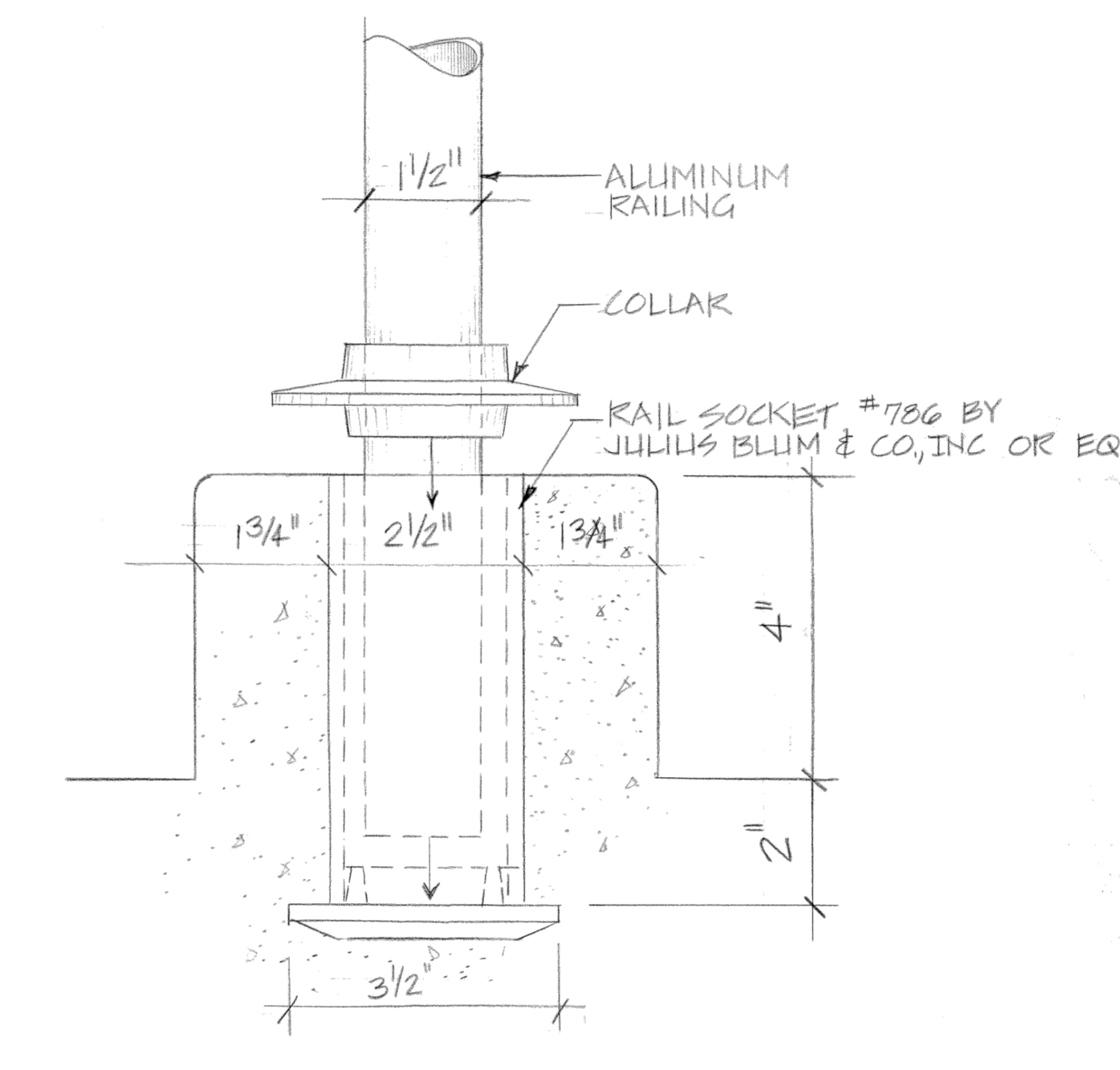
1 PLAN OF VEHICLE INSPECTION PIT  
A-A/A26 SCALE 1/2" = 1'-0"



3 DETAIL-CONCRETE TREAD  
A26/A26 SCALE 3" = 1'-0"

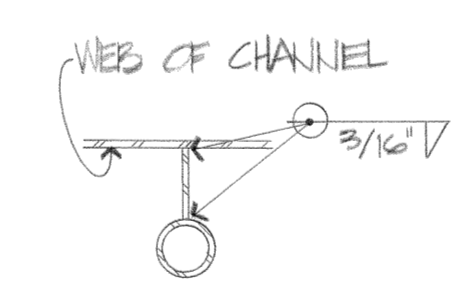


2 SECTION THRU VEHICLE INSPECTION PIT  
A26/A26 SCALE 1/2" = 1'-0"

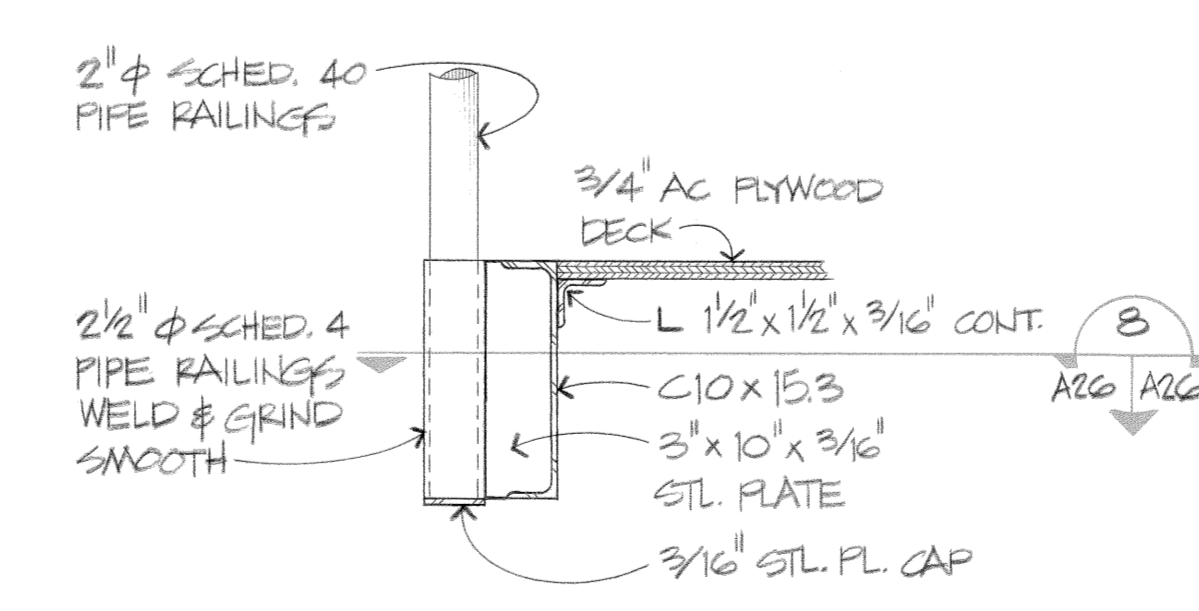


4 DETAIL-REMOVABLE RAIL SOCKET  
A26/A26 SCALE 1/2" FULL

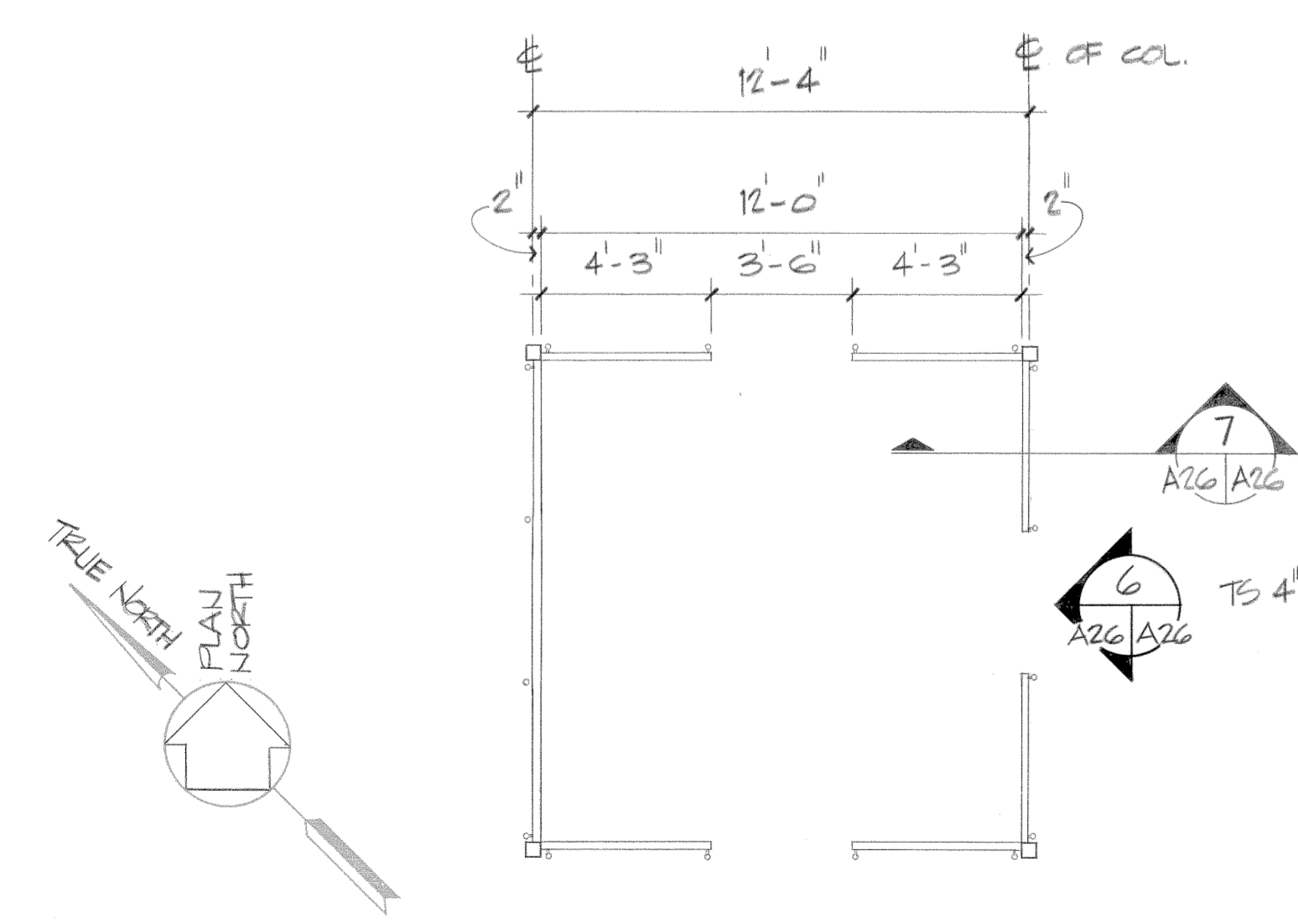
**NOTE:**  
THIS DRAWING IS TO ESTABLISH BASIC DESIGN PARAMETERS: CONFIGURATION OF RAILS, PLATFORM SIZE, LOCATION AND HEIGHT ABOVE FINISH FLOOR. STRUCTURAL STEEL SHOWN IS TO ESTABLISH PROFILE SHAPES. IT IS THE METAL BUILDING MANUFACTURER'S RESPONSIBILITY TO DESIGN ACTUAL MEMBER SIZES AND THEIR CONNECTIONS TO THE METAL BUILDING FRAME. REF SECTION 13120 OF THE SPECIFICATIONS FOR SPECIFIC DESIGN LOAD REQUIREMENTS.



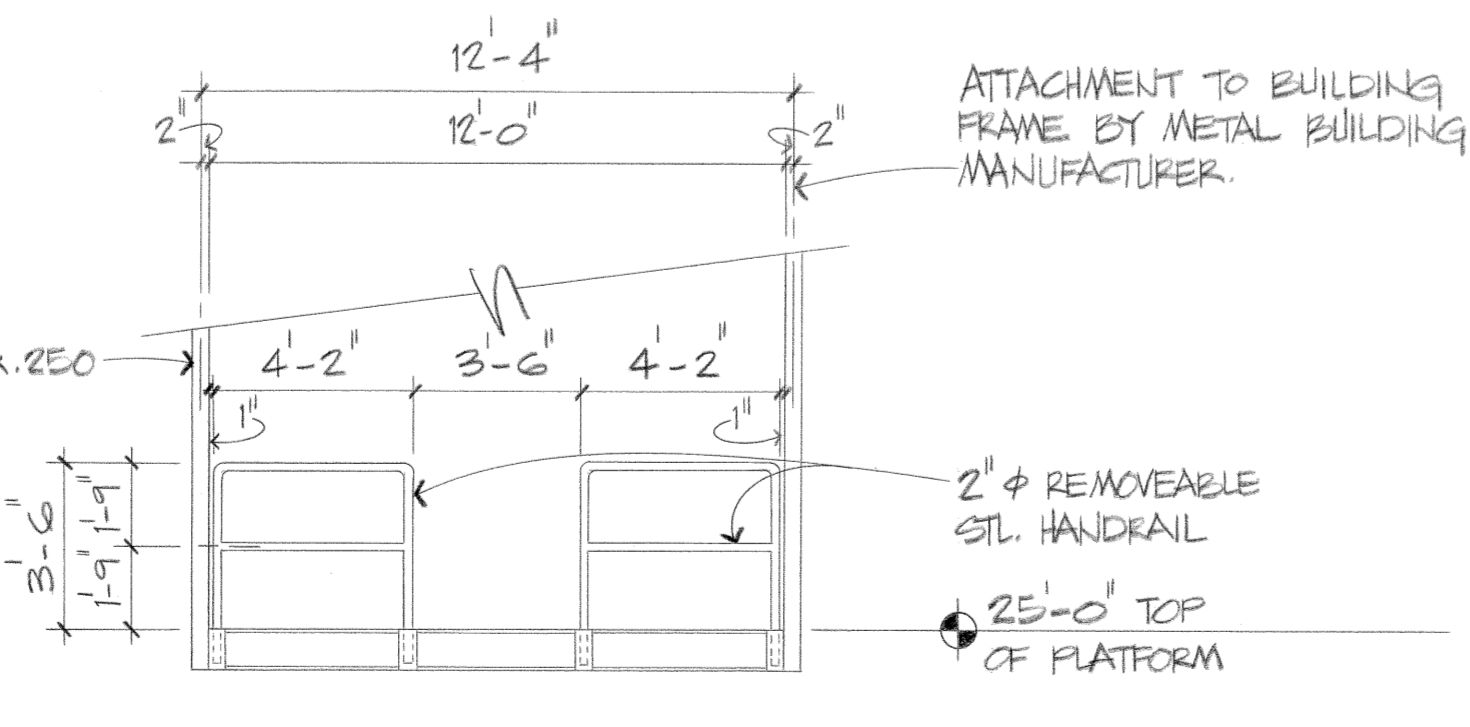
5 PLAN OF HANDRAIL SUPPORT  
A26/A26 SCALE: 1/2" = 1'-0"



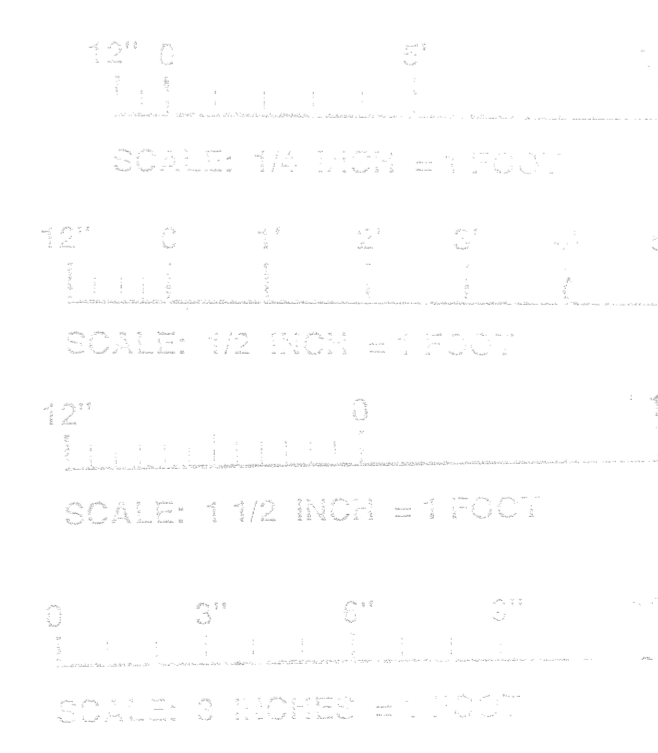
7 DETAIL OF HANDRAIL SUPPORT  
A26/A26 SCALE: 1/2" = 1'-0"



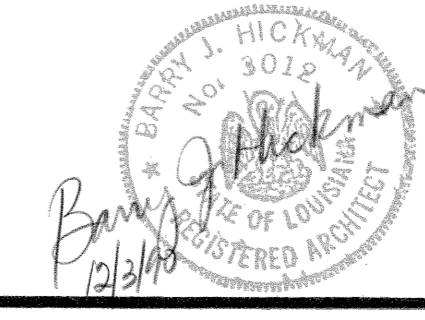
5 PLAN OF TRAINING PLATFORM  
A26/A26 SCALE: 1/4" = 1'-0"



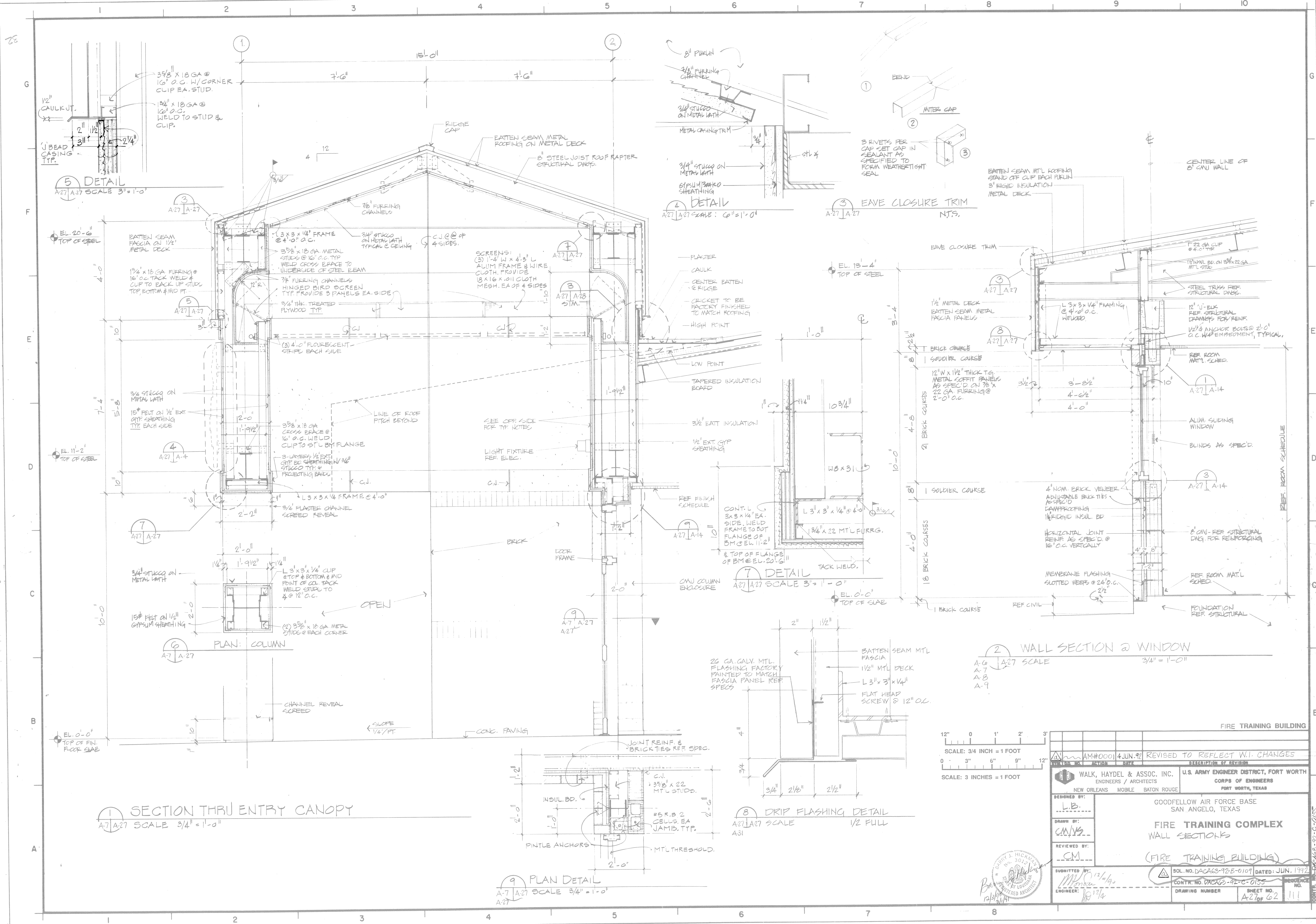
6 PLATFORM ELEVATION  
A26/A26 SCALE: 1/4" = 1'-0"



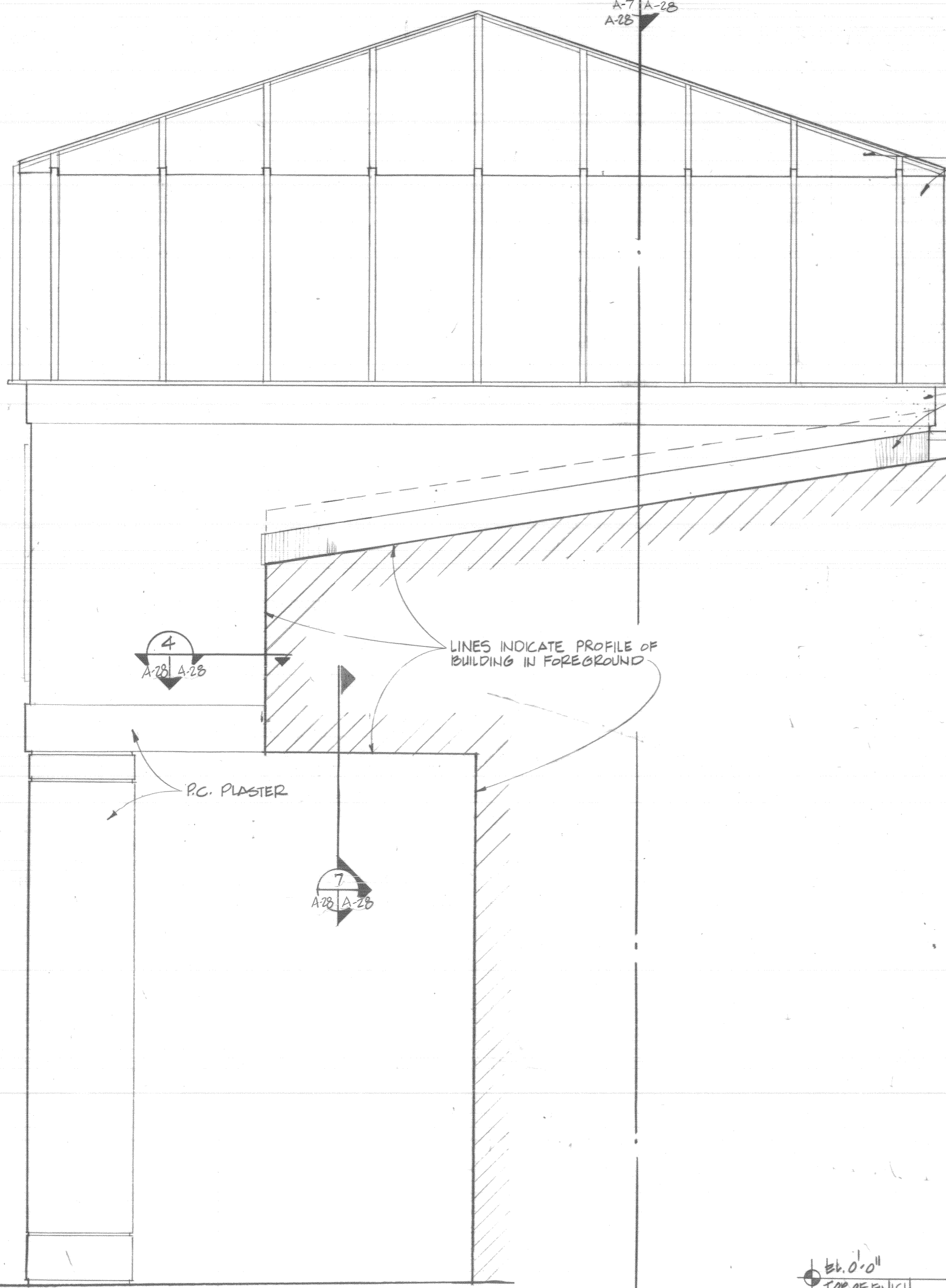
|  |  |
|--|--|
| FIRE TRAINING BUILDING                         |  |
| AM#0001  | 4 JUN 92 REVISED TO REFLECT W.I. CHANGES   |
| DESIGNED BY: WALK, HAYDEL & ASSOC. INC.        | U.S. ARMY ENGINEER DISTRICT, FORT WORTH    |
| DRAWN BY: L.B.                                 | CORPS OF ENGINEERS                         |
| REVIEWED BY: CM                                | FORT WORTH, TEXAS                          |
| GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS |  |
| FIRE TRAINING COMPLEX<br>DETAILS               |  |
| (FIRE TRAINING BUILDING)                       |  |
| SUBMITTED BY: [Signature]                      | SOL. NO. DACA 63-92-E-0107 DATED: JUN 1972 |
| ENGINEER: [Signature]                          | CONTR. NO. DACA 63-92-C-0155 SEQUENCE NO.  |
| DRAWING NUMBER                                 | SHEET NO. 110                              |



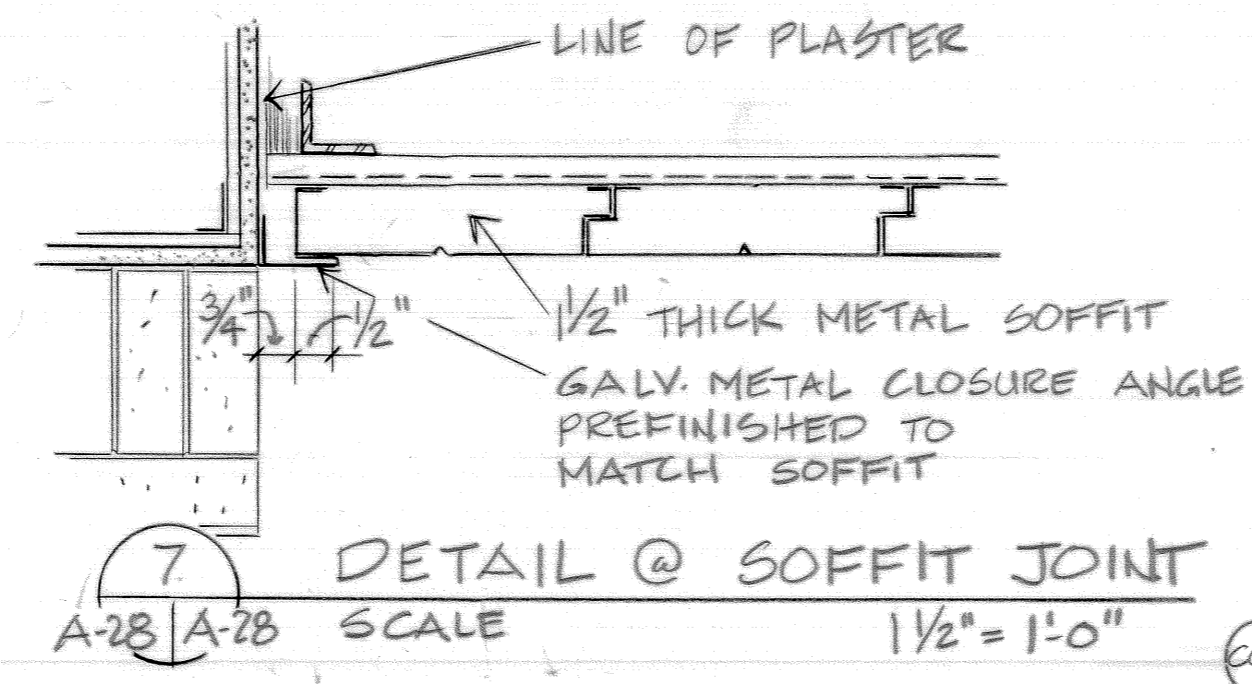
CONTR. NO. DACA 63-92-C-0155



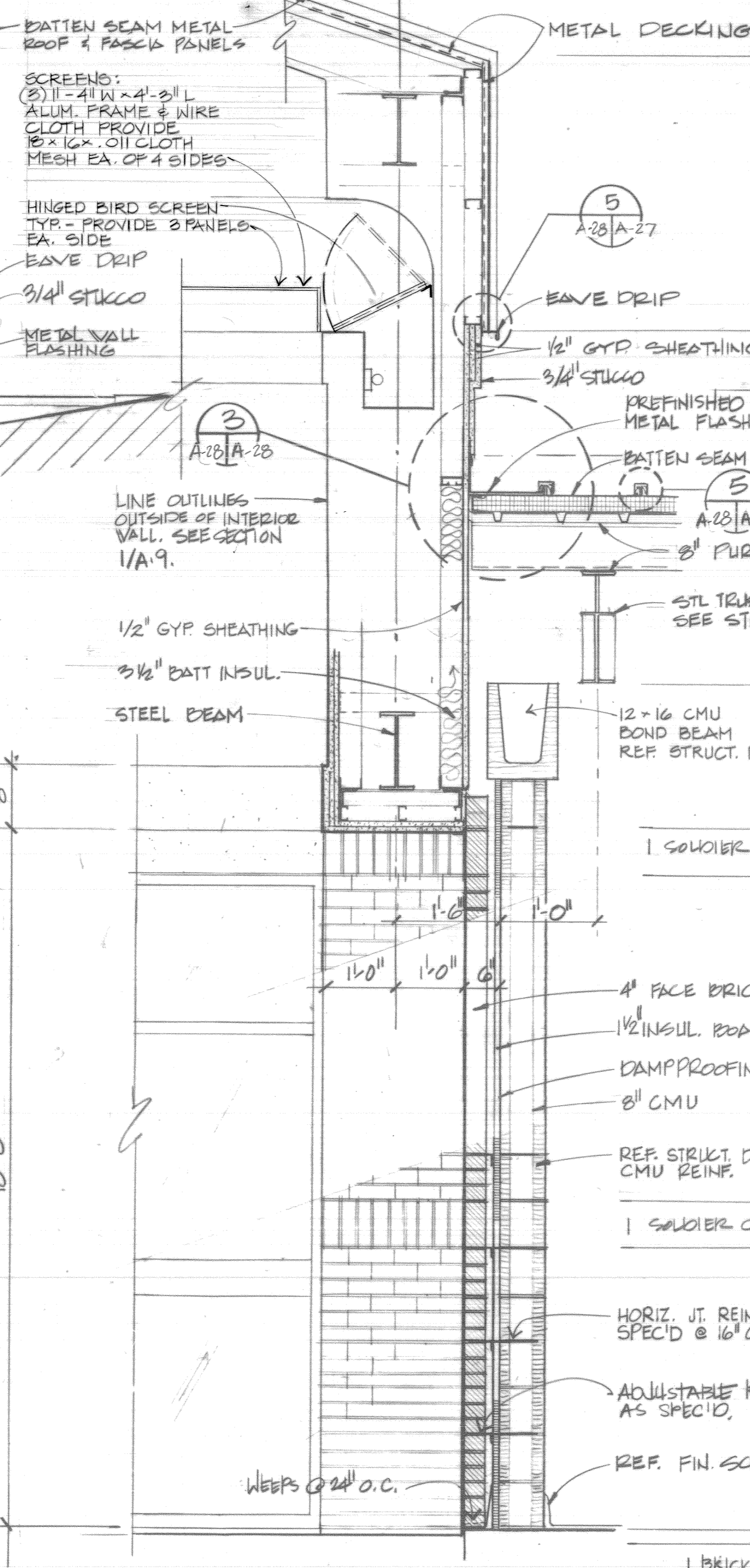
| FIRE TRAINING BUILDING   |  |
|--|--|
| SCALE: 3/4" INCH = 1 FOOT                                      | SCALE: 3 INCHES = 1 FOOT   |
| AM#0001 4 JUN 92 REVISED TO REFLECT W.I. CHANGES               |  |
| DESCRIPTION OF REVISION  |  |
| DESIGNED BY: WALK, HAYDEL & ASSOC. INC. ENGINEERS / ARCHITECTS | U.S. ARMY ENGINEER DISTRICT, FORT WORTH CORPS OF ENGINEERS FORT WORTH, TEXAS |
| DRAWN BY: CM/VS  | GOODFELLOW AIR FORCE BASE SAN ANGELO, TEXAS                                  |
| REVIEWED BY: CM  | <b>FIRE TRAINING COMPLEX WALL SECTIONS</b>                                   |
| SUBMITTED BY: [Signature]                                      | (FIRE TRAINING BUILDING)   |
| ENGINEER: [Signature]  | SOL. NO. DACAG3-92-B-0109 DATED: JUN. 1992                                   |
|  | CONTR. NO. DACAG3-92-C-0155  |
|  | DRAWING NUMBER: A-27 Top 62  |
|  | SHEET NO. 111  |



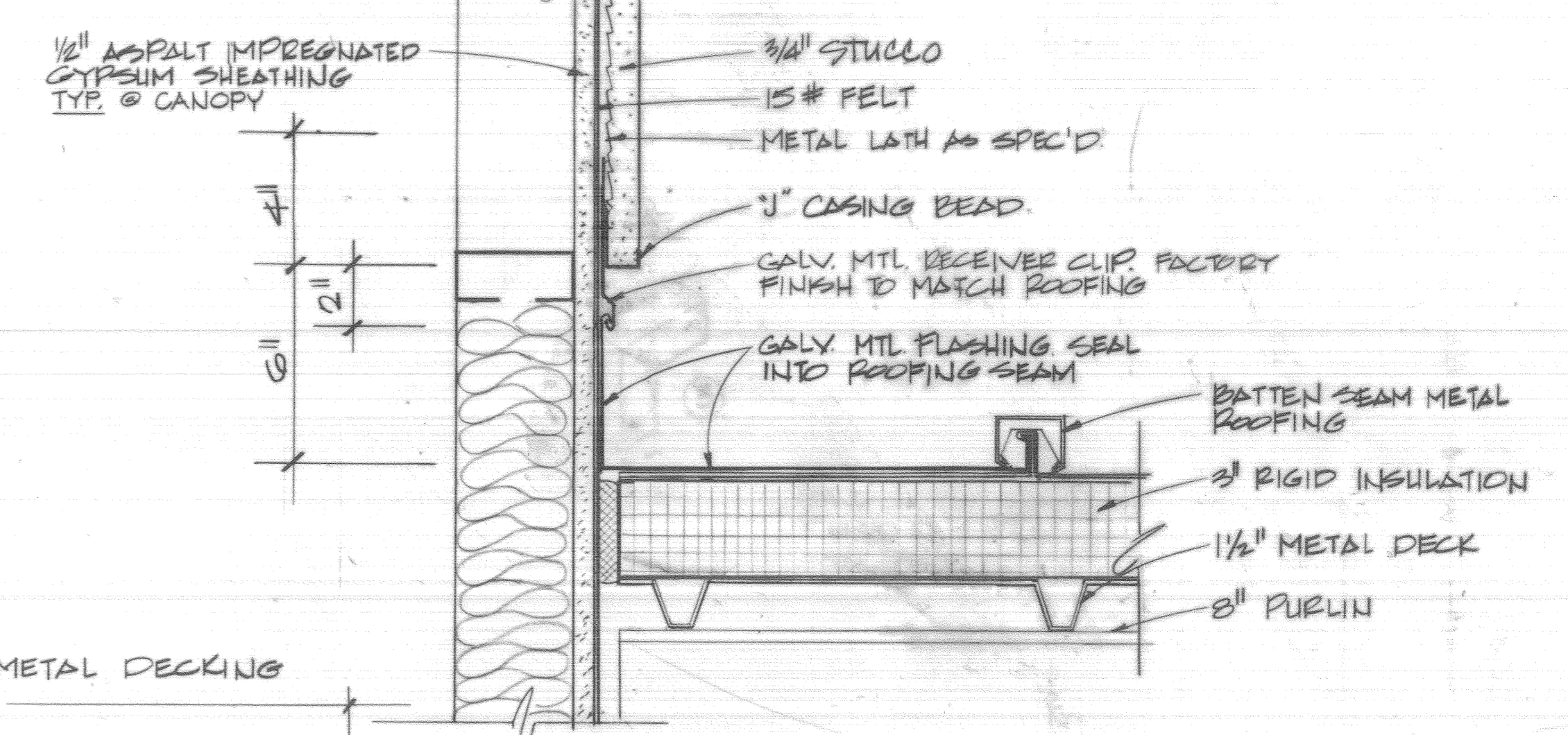
1 ELEVATION OF ENTRY CANOPY  
A-7/A-28 SCALE: 3/4" = 1'-0"



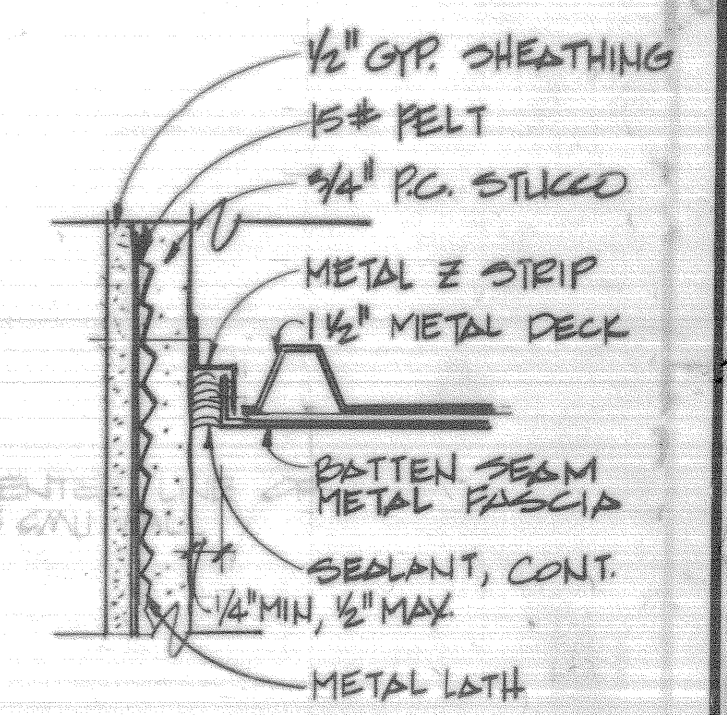
7 DETAIL @ SOFFIT JOINT  
A-28/A-28 SCALE: 1 1/2" = 1'-0"



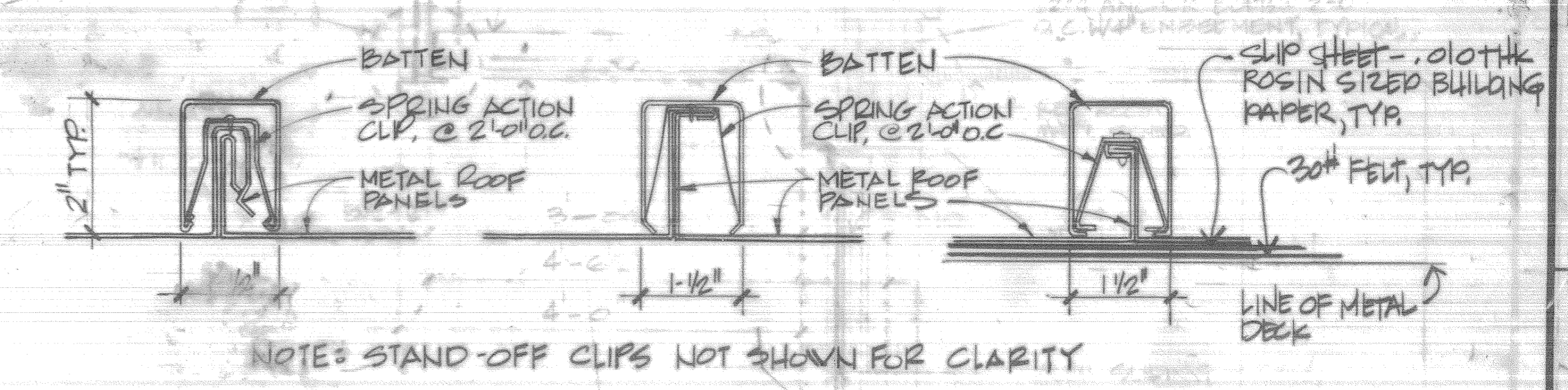
2 WALL SECTION @ CANOPY/MAIN BLDG  
A-7/A-28 SCALE: 3/4" = 1'-0"



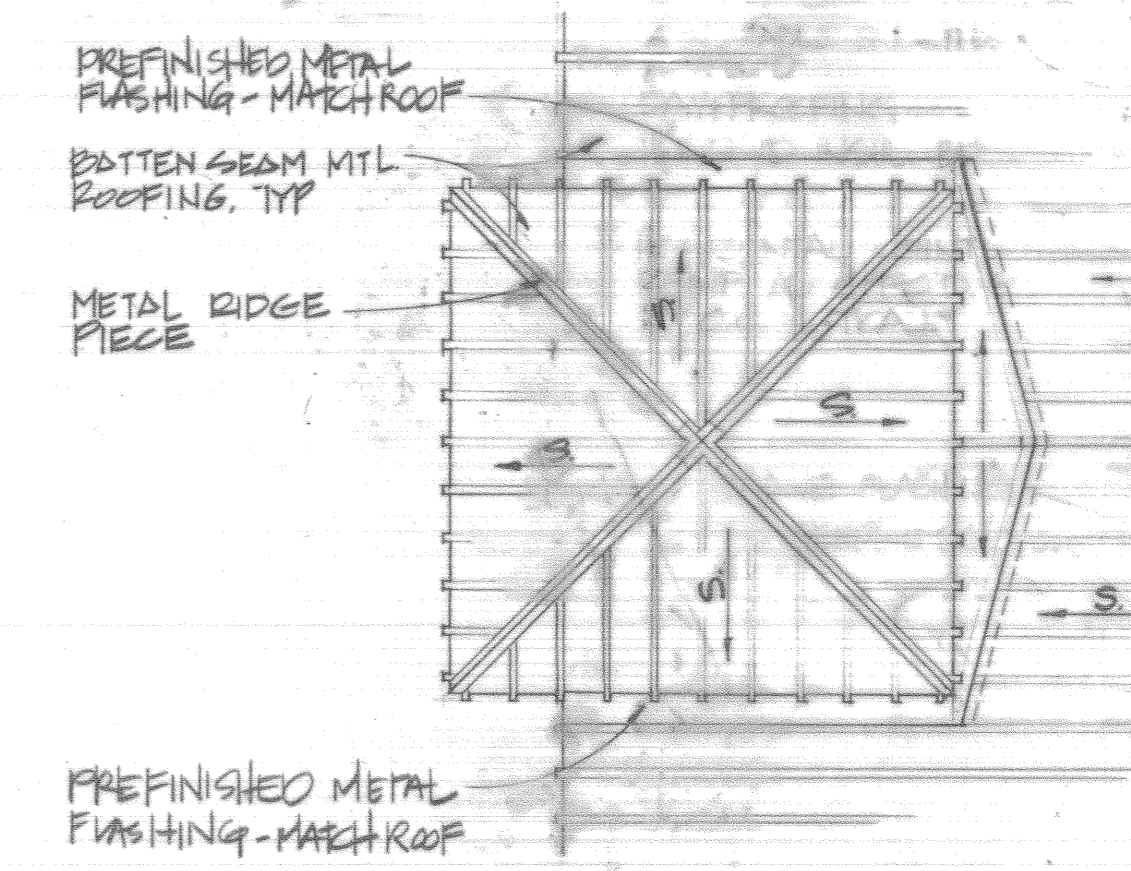
3 DETAIL @ ENTRY CANOPY FLASHING  
A-28/A-28 SCALE: 3" = 1'-0"



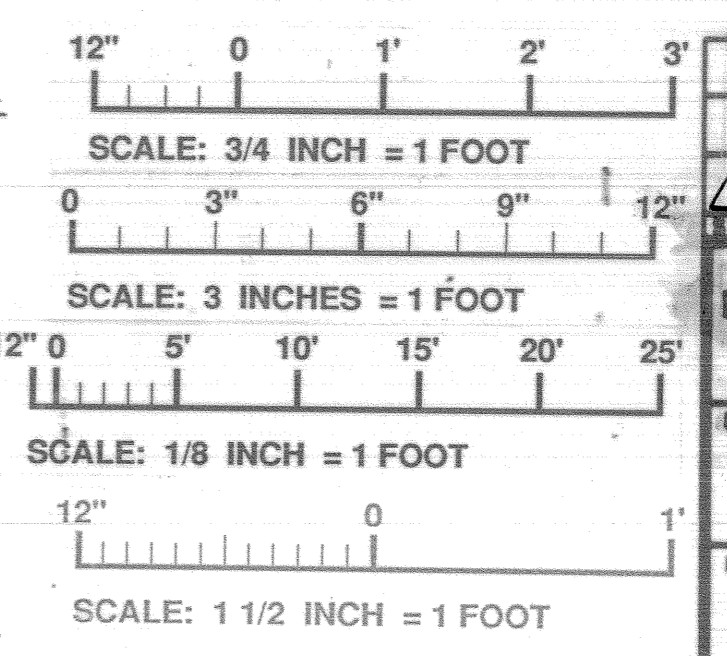
4 FASCIA/STUCCO INTERSECTION  
A-28/A-28 SCALE: 3" = 1'-0"



5 METAL ROOFING BATTEN ALTERNATIVES  
A-28/A-28 SCALE: 3" = 1'-0"



6 PARTIAL ROOF PLAN @ ENTRY CANOPY  
A-28/A-28 SCALE: 1/8" = 1'-0"



|  |  |
|--|--|
| FIRE TRAINING BUILDING   |  |
| AM#0001  | 4 JUN 92 REVISED TO REFLECT W.I. CHANGES   |
| DESIGNED BY:<br>WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS |
| DESIGNED BY:<br>G.V.   | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS                                     |
| DRAWN BY:<br>G.V.  | <b>FIRE TRAINING COMPLEX</b><br>WALL SECTIONS                                      |
| REVIEWED BY:<br>C.M.   | (FIRE TRAINING BUILDING)   |
| SUBMITTED BY:<br>M. J. HICKMAN<br>12/2/92  | SOL. NO. DACAG3-92-B-0109 DATED JUN. 1992  |
| ENGINEER:<br>M. J. HICKMAN<br>12/2/92  | CONTR. NO. DACAG3-92-C-0155  |
|  | DRAWING NUMBER<br>A-28/62  |
|  | SEQUENCE NO.<br>112  |

1 2 3 4 5 6 7 8 9 10

G

F

E

D

C

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A

G

F

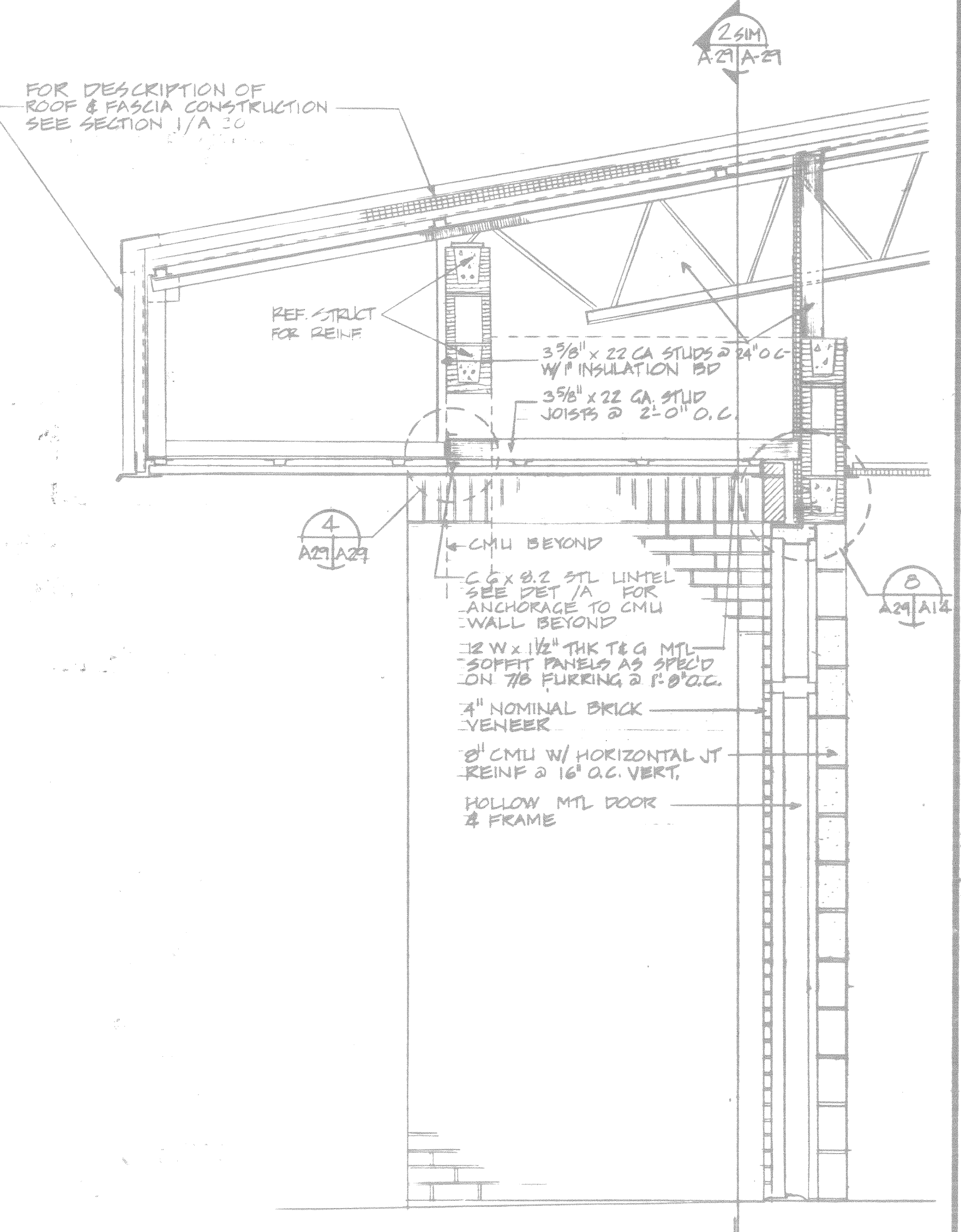
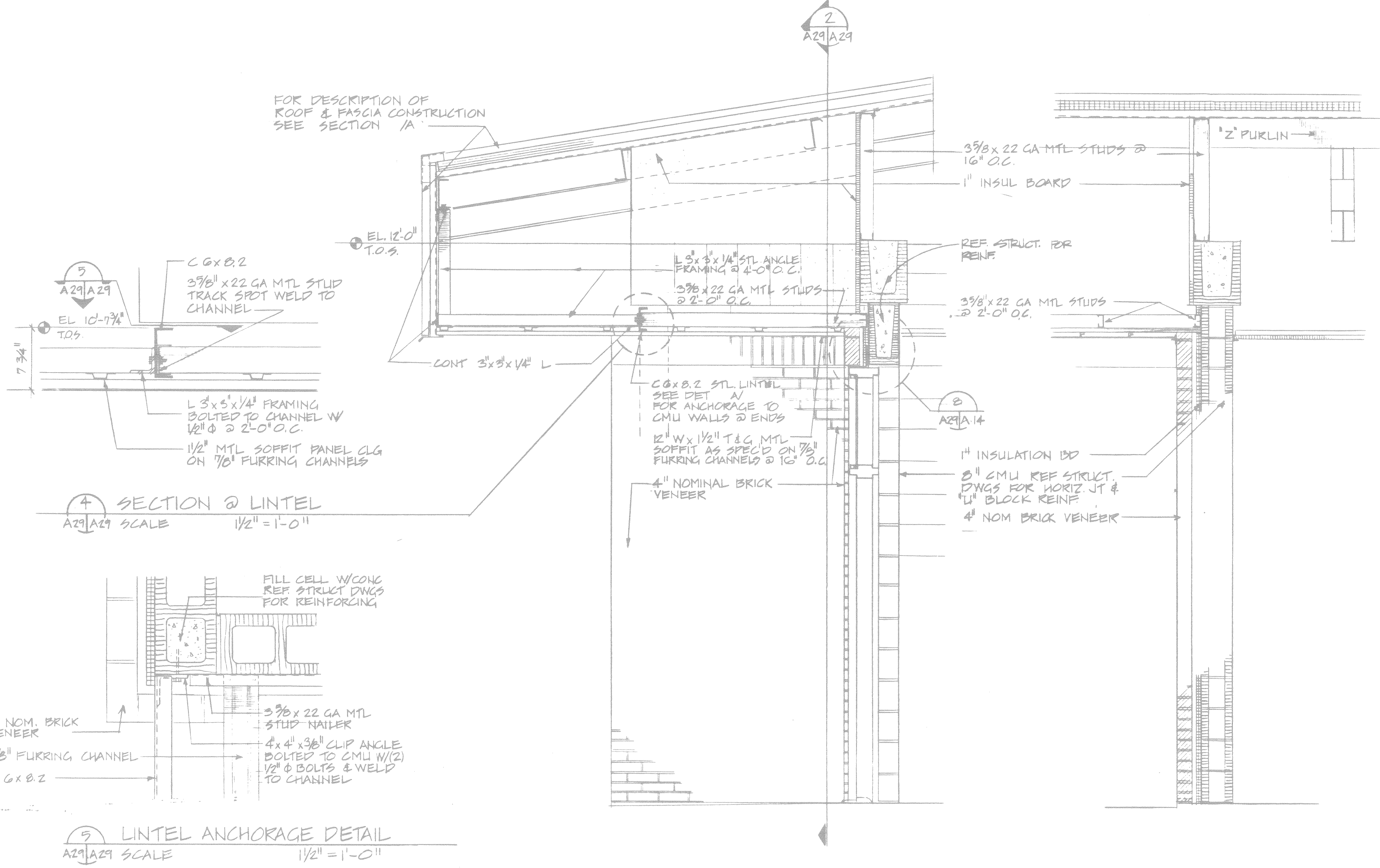
E

D

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A

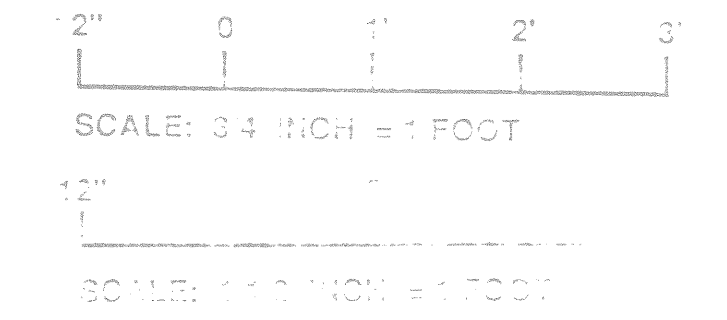


SECTION @ LINTEL  
A29/A29 SCALE 1/2" = 1'-0"

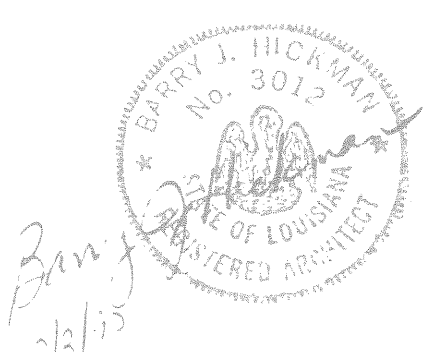
SECTION @ ENTRANCE  
A8/A29 SCALE 3/4" = 1'-0"

WALL SECTION  
A29/A29 SCALE 3/4" = 1'-0"

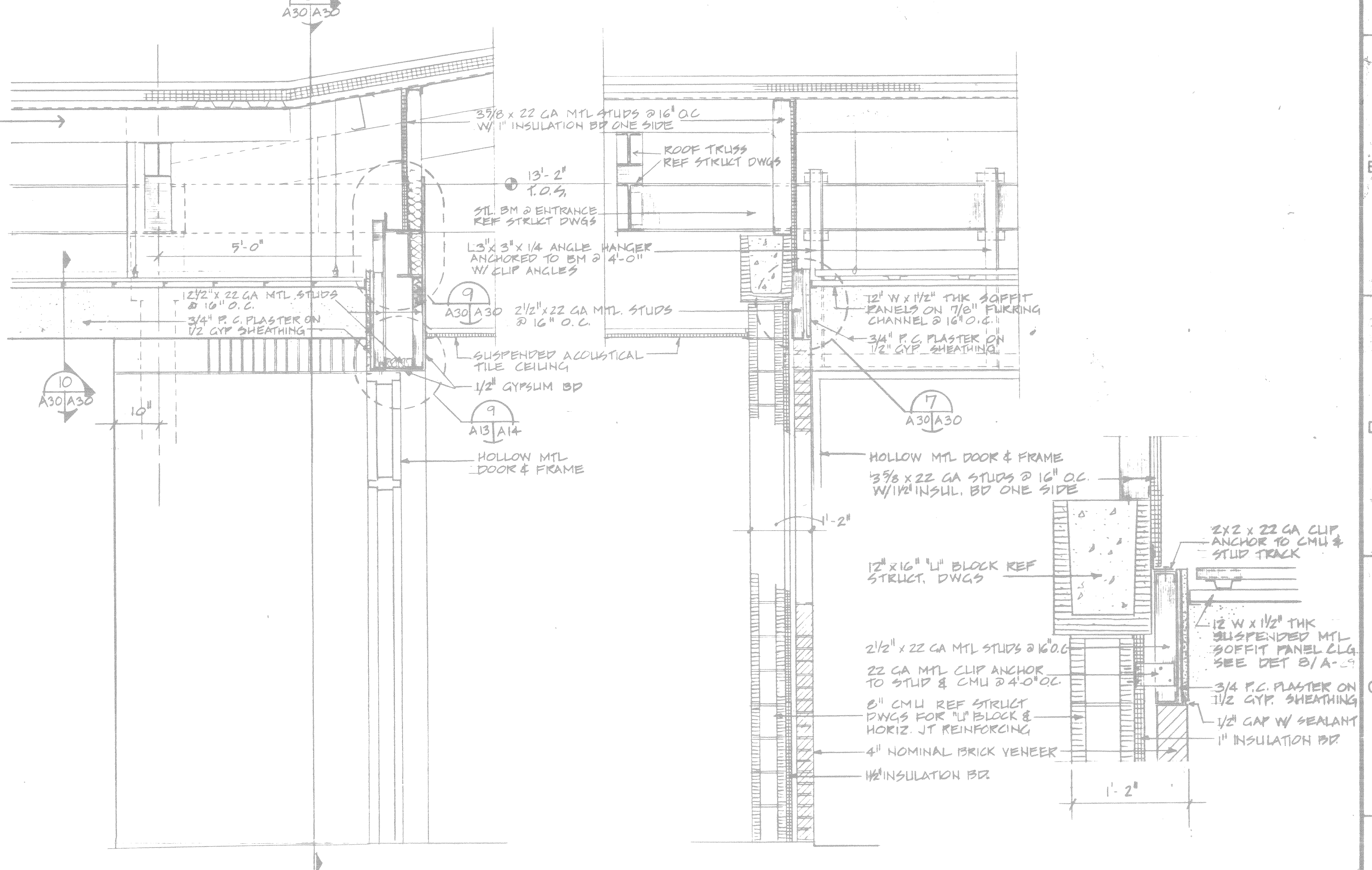
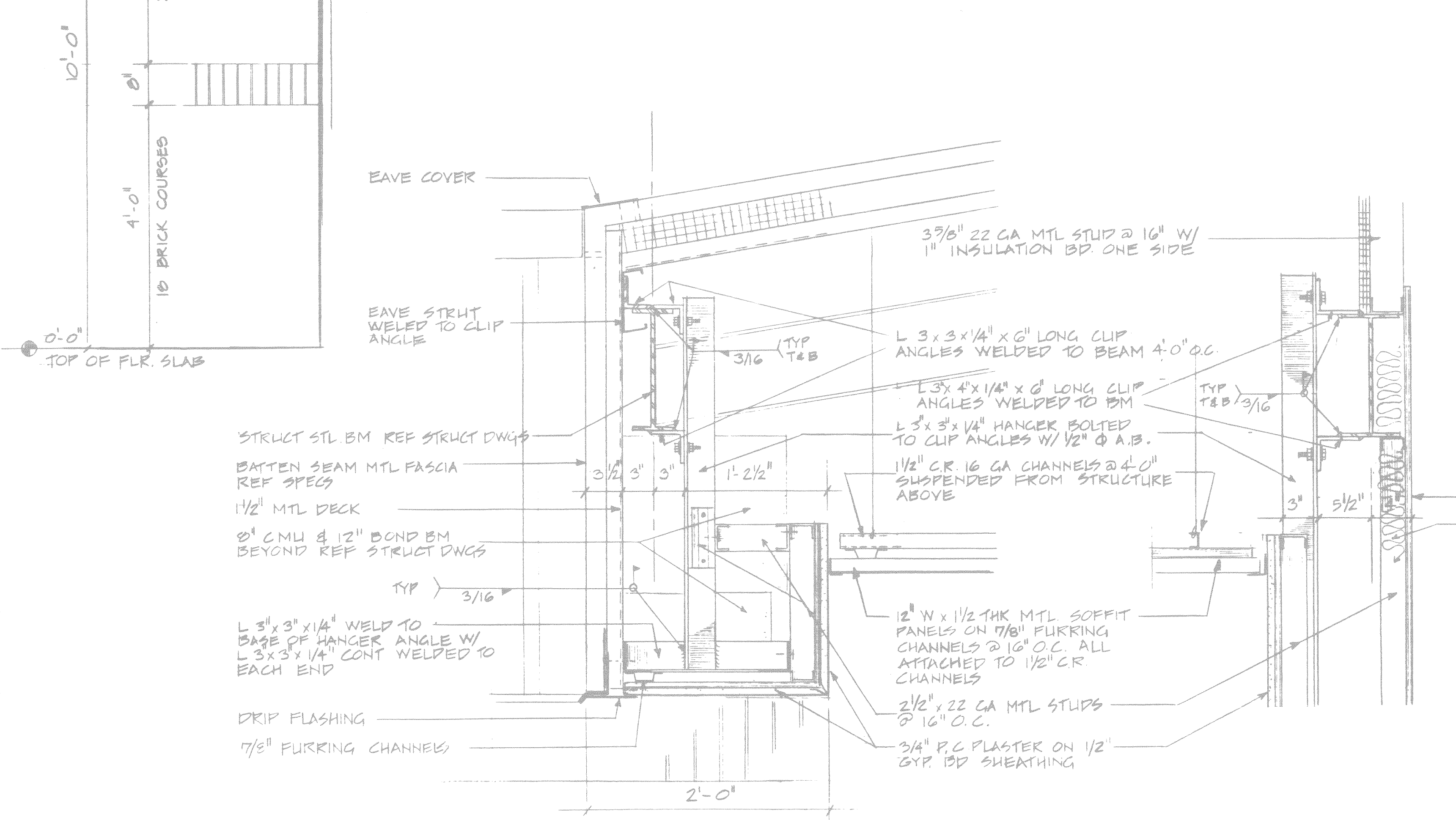
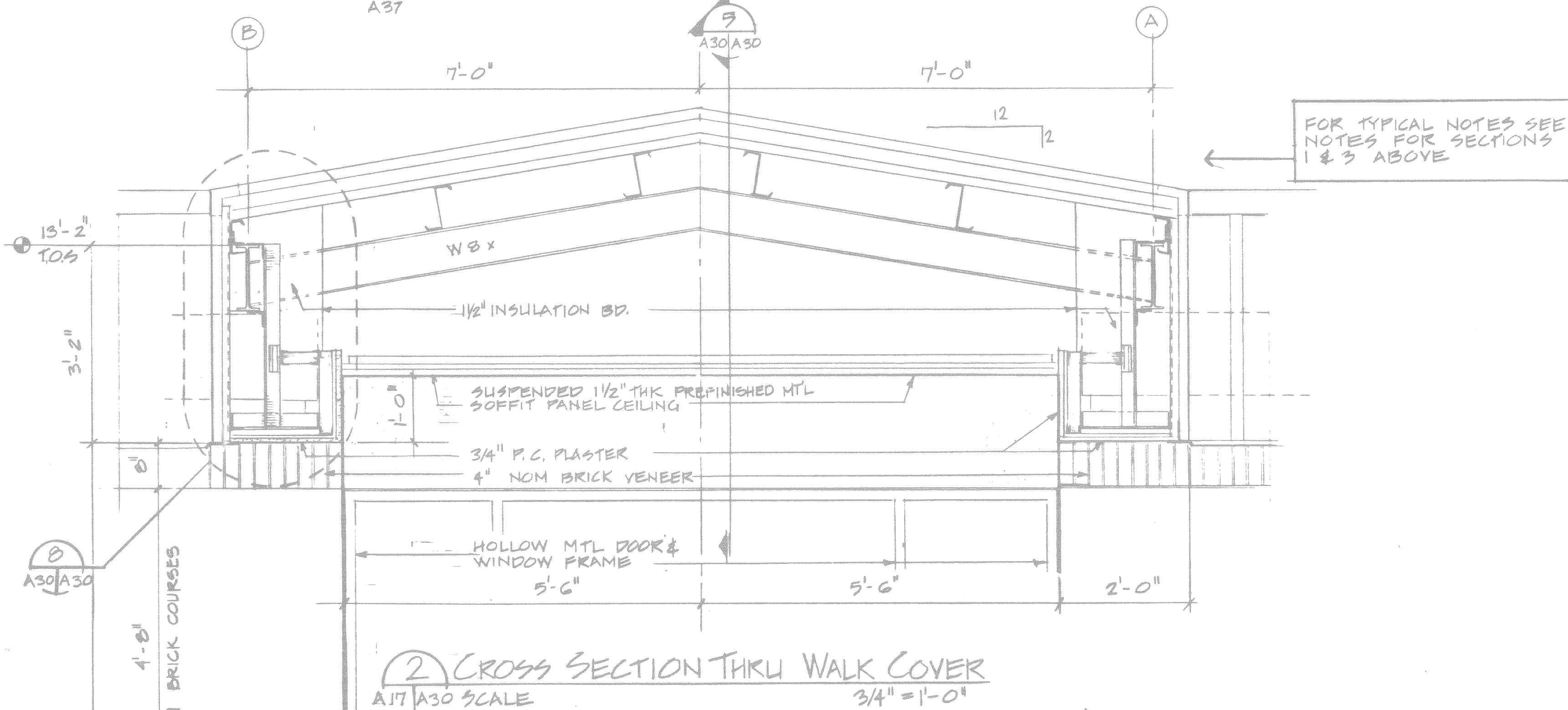
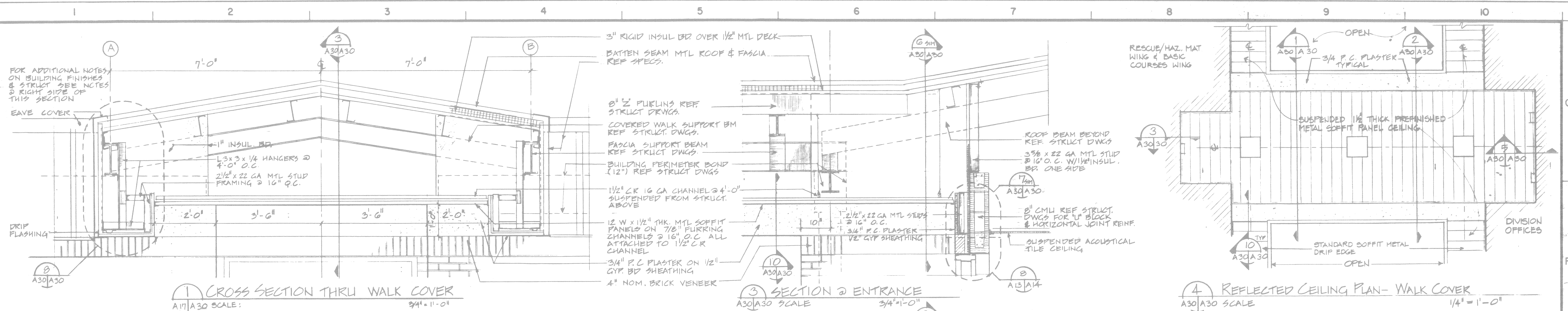
WALL SECTION  
A2/A29 SCALE 3/4" = 1'-0"



|  |  |
|--|--|
| FIRE TRAINING BUILDING   |  |
| AM#0001  | 4 JUN 92 REVISED TO REFLECT W.I. CHANGES   |
| WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS |
| DESIGNED BY:<br>L.B.   | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS                                     |
| DRAWN BY:<br>J.L.  | <b>FIRE TRAINING COMPLEX</b><br>WALL SECTIONS                                      |
| REVIEWED BY:<br>C.M.   | (FIRE TRAINING BUILDING)   |
| SUBMITTED BY:<br>J.F.  | SOL. NO. DACAG3-92-B-0109 DATED: JUN. 1992   |
| ENGINEER:<br>J.F.  | CONTR. NO. DACAG3-92-C-0155 SEQUENCE NO. 113<br>DRAWING NUMBER SHEET NO. A-2 of 62 |



CONTR. NO. DACAG3-92-C-0155



12' 0" 5' 10'

SCALE: 1/4" INCH = 1 FOOT

SCALE: 3/4" INCH = 1 FOOT

SCALE: 1 1/2" INCH = 1 FOOT

SEE DET B/A-1 FOR ADDITIONAL NOTES

3/4" P.C. PLASTER

12" W x 1/2" THK SOFFIT PANELS ON 7/8" FLURRING CHANNELS @ 16" O.C.

SEALANT W/ BACKER ROD

PLASTER EDGE BEAD

1'-8 1/2"

10 A30/A30 SCALE: 1 1/2" = 1'-0"

FIRE TRAINING BUILDING

AM#0001 JUN. 92 REVISED TO REFLECT W.I. CHANGES

WALK, HAYDEL & ASSOC. INC. U.S. ARMY ENGINEER DISTRICT, FORT WORTH  
ENGINEERS / ARCHITECTS CORPS OF ENGINEERS  
NEW ORLEANS MOBILE BATON ROUGE FORT WORTH, TEXAS

DESIGNED BY: L.B.

DRAWN BY: IL

REVIEWED BY: CM

SUBMITTED BY: [Signature]

GOODFELLOW AIR FORCE BASE  
SAN ANGELO, TEXAS

FIRE TRAINING COMPLEX  
WALL SECTIONS  
(FIRE TRAINING BUILDING)

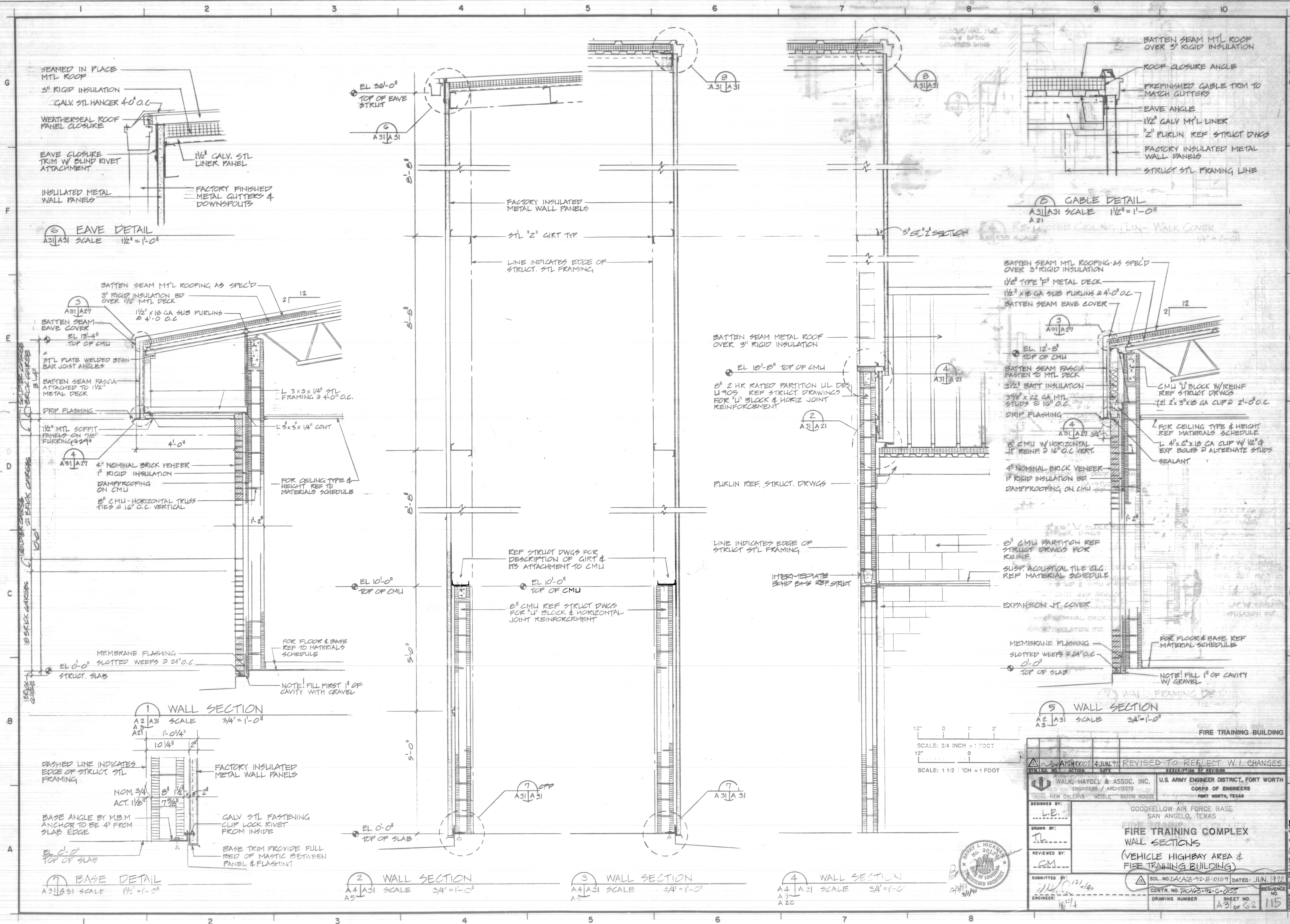
SOL. NO. DACAG3-92-E-0109 DATED: JUN. 1992

CONTR. NO. VACA23-92-C-0155 REQUIREMENT NO.

DRAWING NUMBER SHEET NO. 114

12/14

006



|   |   |
|---|---|
| <p>AMH001 4 JUN 92 REVISED TO REFLECT W.I. CHANGES</p> <p>WALK, HAYDEL &amp; ASSOC. INC. U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br/>         ENGINEERS / ARCHITECTS NEW ORLEANS, MOBILE, BATON ROUGE, CORP OF ENGINEERS<br/>         PORT WORTH, TEXAS</p> |   |
| <p>DESIGNED BY: L.E.</p> <p>DRAWN BY: J.L.</p> <p>REVIEWED BY: CM</p> <p>SUBMITTED BY: J.L. 12/16</p> <p>ENGINEER: J.L. 12/14</p>   | <p>GOODFELLOW AIR FORCE BASE<br/>         SAN ANGELO, TEXAS</p> <p><b>FIRE TRAINING COMPLEX<br/>         WALL SECTIONS<br/>         (VEHICLE HIGHWAY AREA &amp;<br/>         FIRE TRAINING BUILDING)</b></p> <p>SOL. NO. DAC/28-92-B-0109 DATED: JUN. 1992<br/>         CONTR. NO. DAC/28-92-C-0155<br/>         DRAWING NUMBER A31 OF 62 SHEET NO. 115</p> |

12" 0 1' 2'  
 SCALE: 3/4" INCH = 1 FOOT  
 12" 0  
 SCALE: 1 1/2" INCH = 1 FOOT



CONTRACT NO. DAC/28-92-C-0155

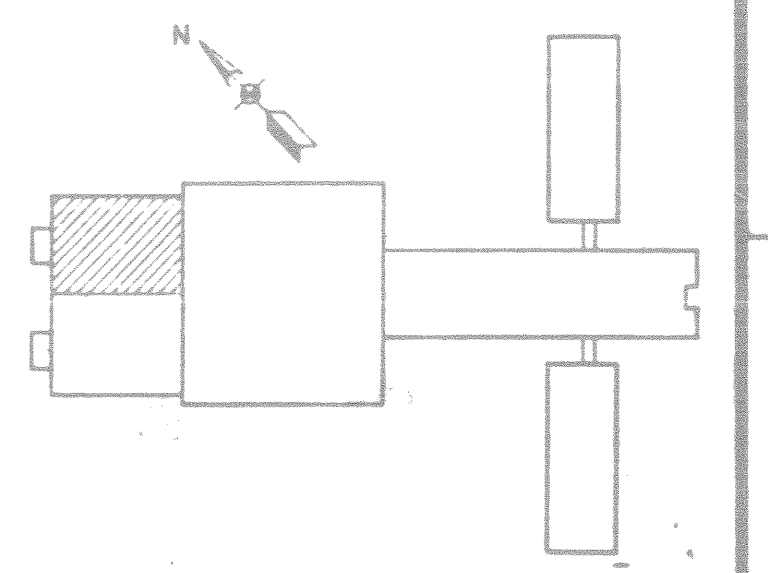
LS



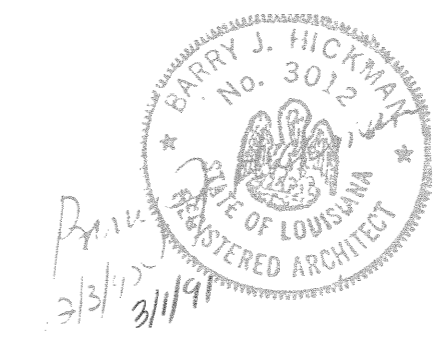
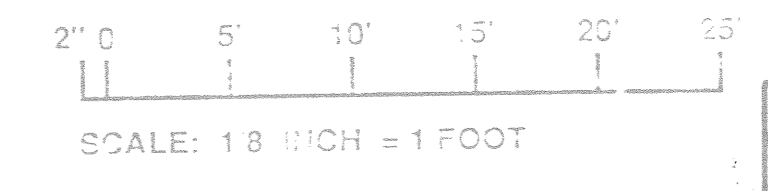
**REFLECTED CEILING PLAN**  
 SCALE: 1/8" = 1'-0"

**LEGEND FOR REFLECTED CEILING PLAN**

- - 2' x 4' FLUORESCENT FIXTURE
- - 1' x 4' FLUORESCENT FIXTURE
- ⊗ - RECESSED DOWN LIGHT
- ⊙ - EXIT LIGHT
- ⊠ - SUPPLY AIR
- ⊡ - RETURN AIR/EXHAUST
- - RECESSED EXTERIOR LIGHT
- ⊞ - ACCESS PANEL



FIRE TRAINING BUILDING  
 BLK IV - STRUC WING



|                           |  |
|---------------------------|--|
| DESIGNED BY:<br>LB        | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>PORT WORTH, TEXAS |
| DRAWN BY:<br>VS           | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS                                     |
| REVIEWED BY:<br>CM        | <b>FIRE TRAINING COMPLEX<br/>REFLECTED CEILING PLAN</b>                            |
| SUBMITTED BY:<br>11/11/92 | (FIRE TRAINING BUILDING - BLK IV - STRUC WING)                                     |
| ENGINEER:<br>16-14        | SOL. NO. DACAGS-92-B-0109 DATED: JUN. 1992<br>CONTR. NO. WACGS-92-C-0155           |
|                           | DRAWING NUMBER: A 32 OF 62<br>SHEET NO. 116  |

CONTR. NO. WACGS-92-C-0155



A MATCH LINE - 'A-A'

GYPSUM BOARD TO BE MOISTURE RESISTIVE, TYP

EXP. STRUCT.

MOISTURE RESISTIVE GYP BR

24" X 24" ACCESS PANELS

EXP. STRUCT.

METAL SOFFIT, TYP

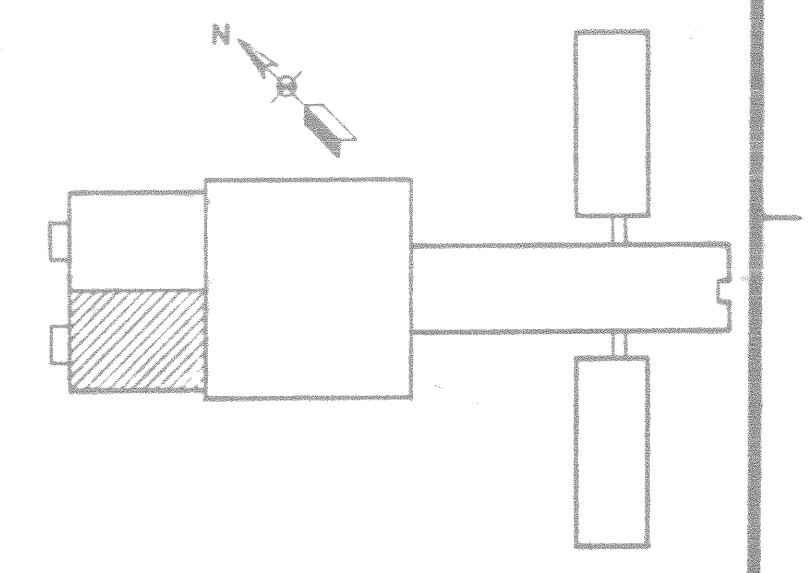
### REFLECTED CEILING PLAN

SCALE: 1/8" = 1' - 0"

#### LEGEND FOR REFLECTED CEILING PLANS

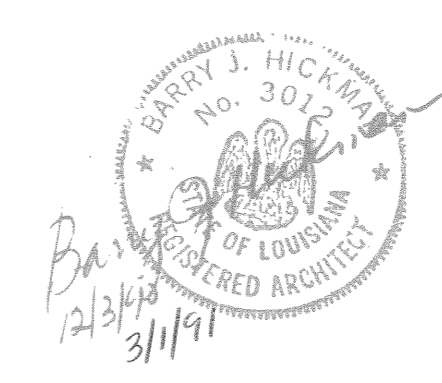
- 2x4' FLUORESCENT FIXTURE
- 1'x4' FLUORESCENT FIXTURE
- RECESSED DOWN LIGHT
- EXIT LIGHT
- SUPPLY AIR
- RETURN AIR/EXHAUST
- RECESSED EXTERIOR LIGHT
- ACCESS PANEL

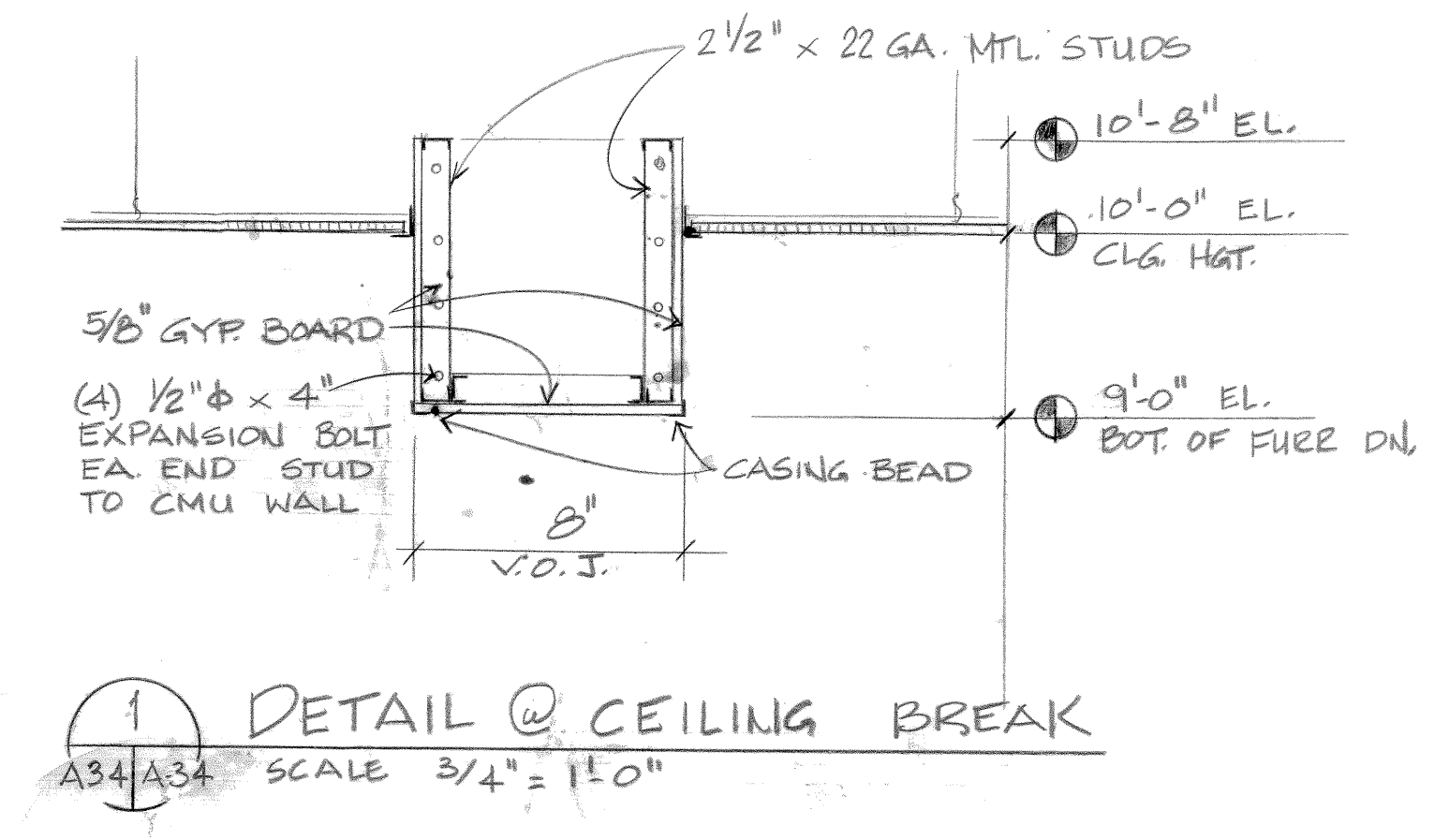
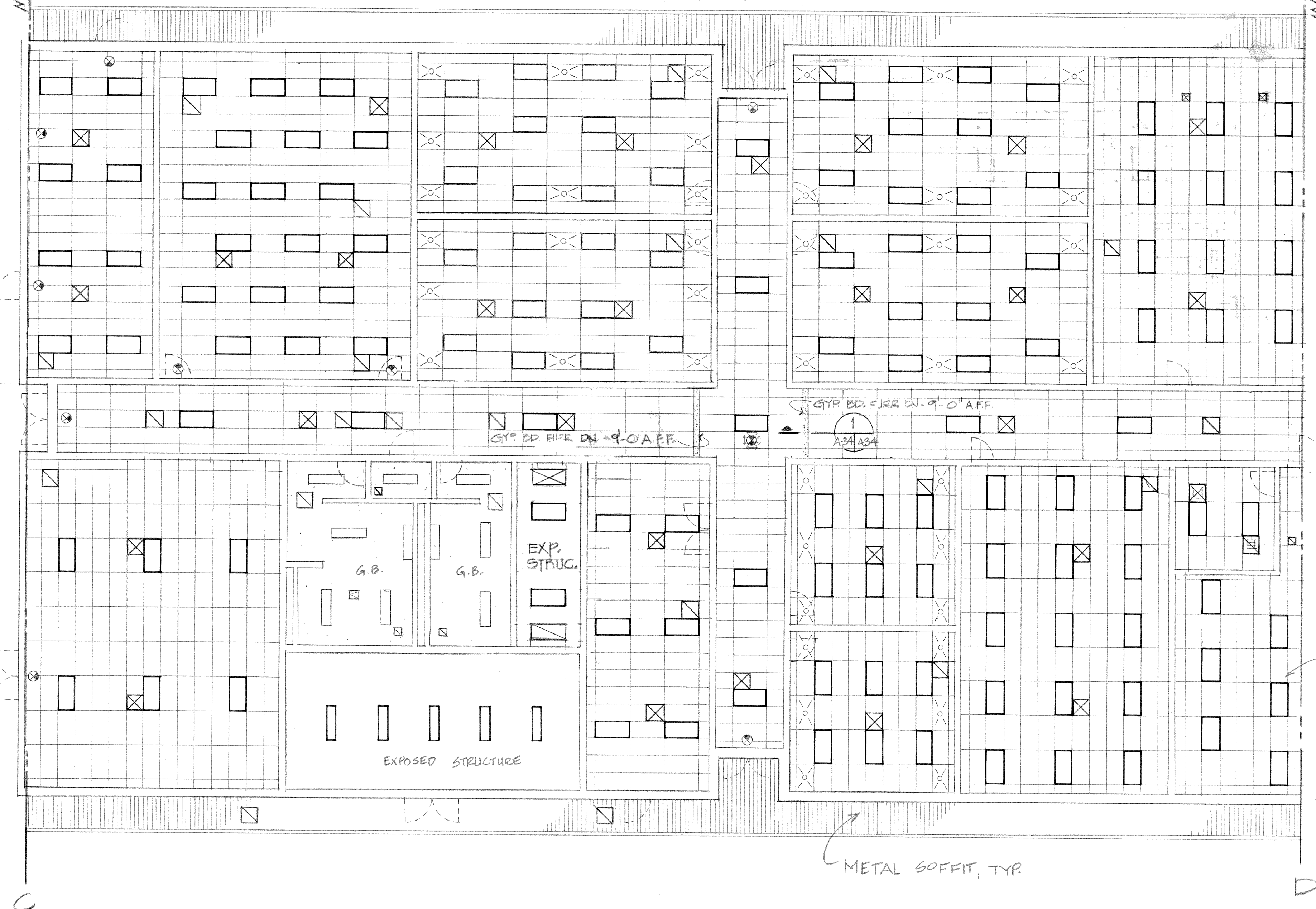
12' 0" 5' 10' 15' 20' 25'  
SCALE: 1/8" INCH = 1 FOOT



FIRE TRAINING BUILDING  
BLK III - CRASH WING

|   |  |  |                     |
|---|--|--|---------------------|
| AM#00014 JUN 92 REVISED TO REFLECT W.I. CHANGES<br>WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE |  | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS |                     |
| DESIGNED BY:<br>L.B.  | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS                           |  |                     |
| DRAWN BY:<br>V.S.   | <b>FIRE TRAINING COMPLEX</b><br>REFLECTED CEILING PLAN                   |  |                     |
| REVIEWED BY:<br>C.M.  | (FIRE TRAINING BUILDING - BLK III - CRASH WING)                          |  |                     |
| SUBMITTED BY:<br>K.S.   | SOL. NO. DACAG3-92-B-0109 DATED: JUN 1992<br>DORTC. NO. DACAG3-92-C-0155 |  |                     |
| ENGINEER:<br>K.S.   | DRAWING NUMBER   | SHEET NO.<br>A33 of 62   | SEQUENCE NO.<br>117 |





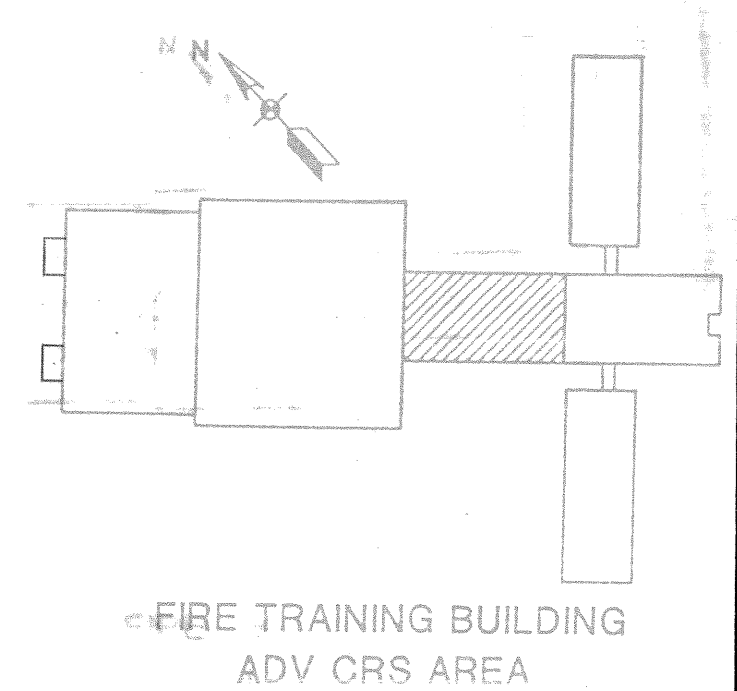
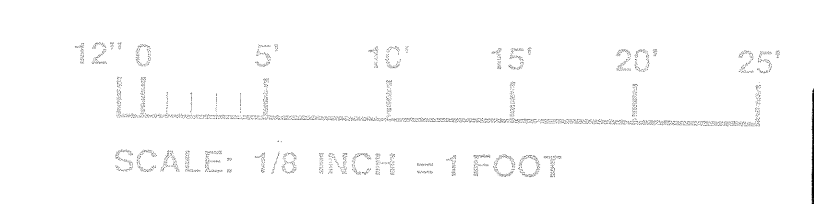
1 DETAIL @ CEILING BREAK  
 A34/A34 SCALE 3/4" = 1'-0"

REFLECTED CEILING PLAN

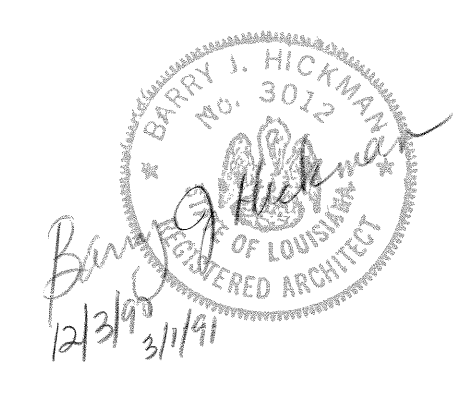
SCALE: 1/8" = 1'-0"

LEGEND FOR REFLECTED CEILING PLANS

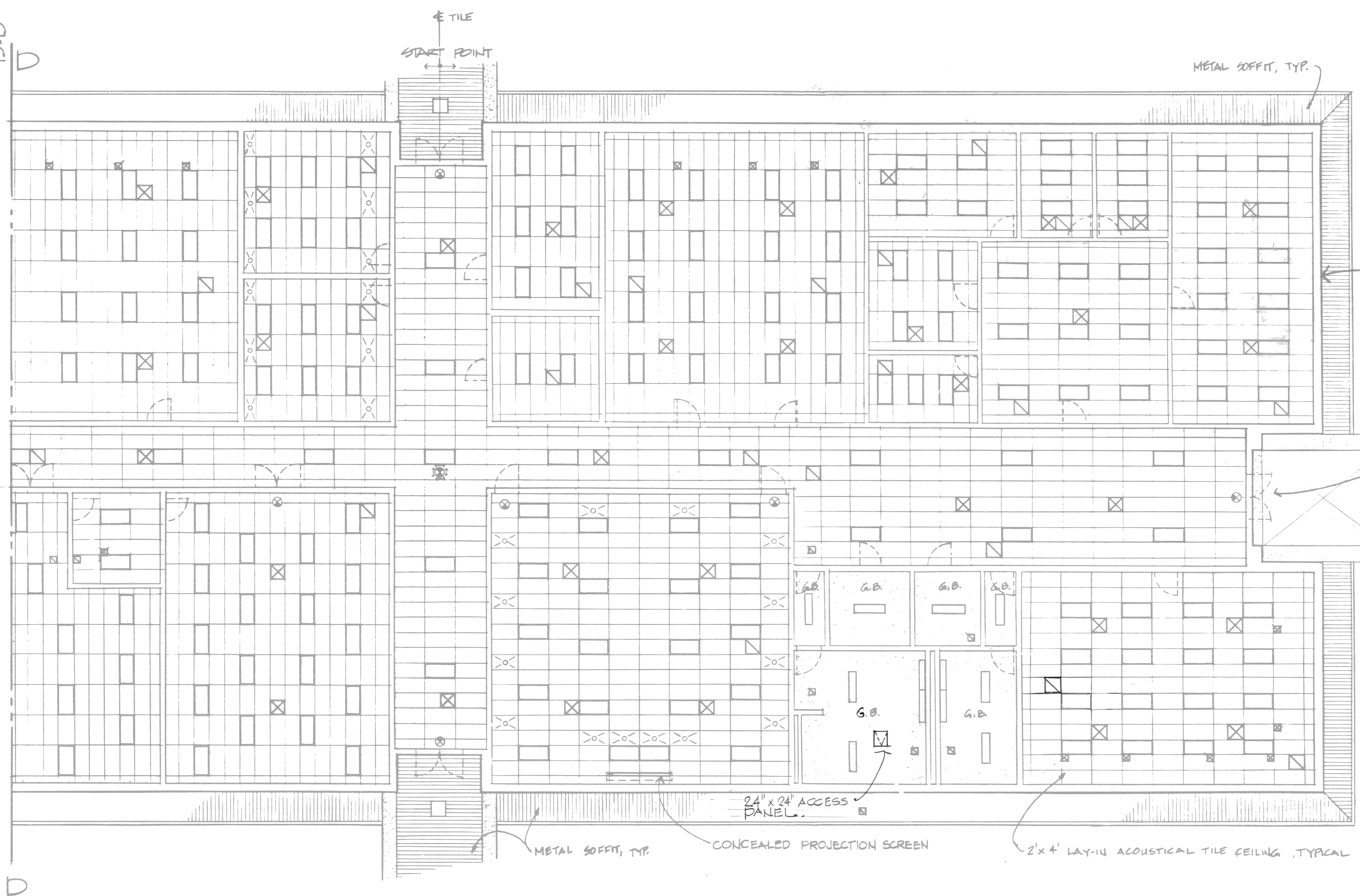
- - 2'x4' FLUORESCENT FIXTURE
- - 1'x4' FLUORESCENT FIXTURE
- ⊗ - RECESSED DOWN LIGHT
- ⊙ - EXIT LIGHT
- ⊠ - SUPPLY AIR
- ⊡ - RETURN AIR/EXHAUST
- ⊞ - ACCESS PANEL



|  |   |                 |  |
|--|---|-----------------|--|
| REV. NO.   | ACTION  | DATE            | DESCRIPTION OF REVISION  |
| AM#0001  | REVISED TO REFLECT W.I. CHANGES                 | 4 JUN 92        |  |
| WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE |   |                 | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS |
| DESIGNED BY:   | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS  |                 |  |
| DRAWN BY:  | FIRE TRAINING COMPLEX<br>REFLECTED CEILING PLAN |                 |  |
| REVIEWED BY:   | (FIRE TRAINING BUILDING - ADV CRS AREA)         |                 |  |
| SUBMITTED BY:  | SOL. NO. DAC A63-92B-0107                       | DATED: JUN 1992 | SEQUENCE NO.   |
| ENGINEER:  | CONTR. NO. DAC G3-92C-0155                      | DRAWING NUMBER  | SHEET NO. 118  |



MATCH LINE  
P-D



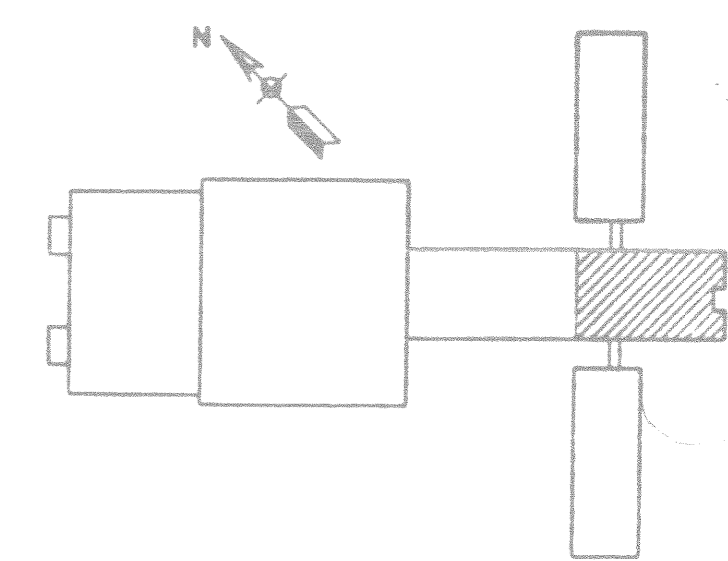
SEE ELEC. DWG FOR  
EXIT BRACKET LT. FIXTURES  
TYP.  
STUCCO

### REFLECTED CEILING PLAN

SCALE: 1/8" = 1'-0"

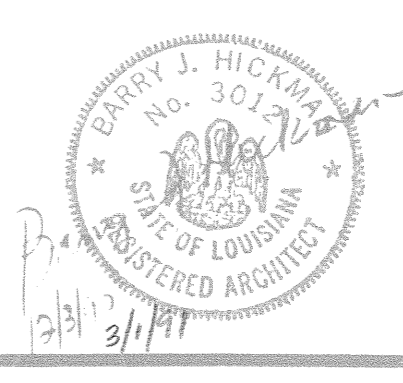
#### LEGEND FOR REFLECTED CEILING PLAN

- - 2'x4' FLUORESCENT FIXTURE
- - 1'x4' FLUORESCENT FIXTURE
- ⊗ - RECESSED DOWN LIGHT
- ⊙ - EXIT LIGHT
- ⊗ - SUPPLY AIR
- ⊘ - RETURN AIR/EXHAUST
- - RECESSED EXTERIOR LIGHTING
- ⊠ - ACCESS PANEL



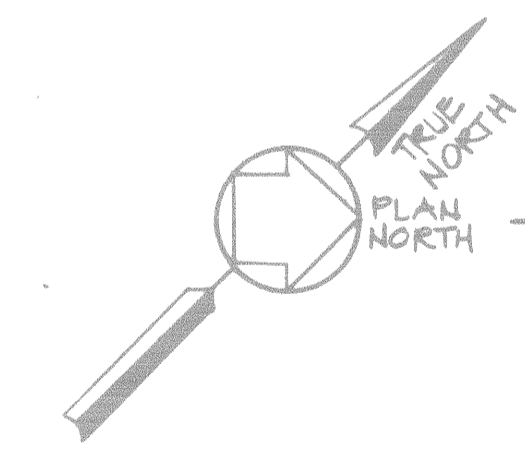
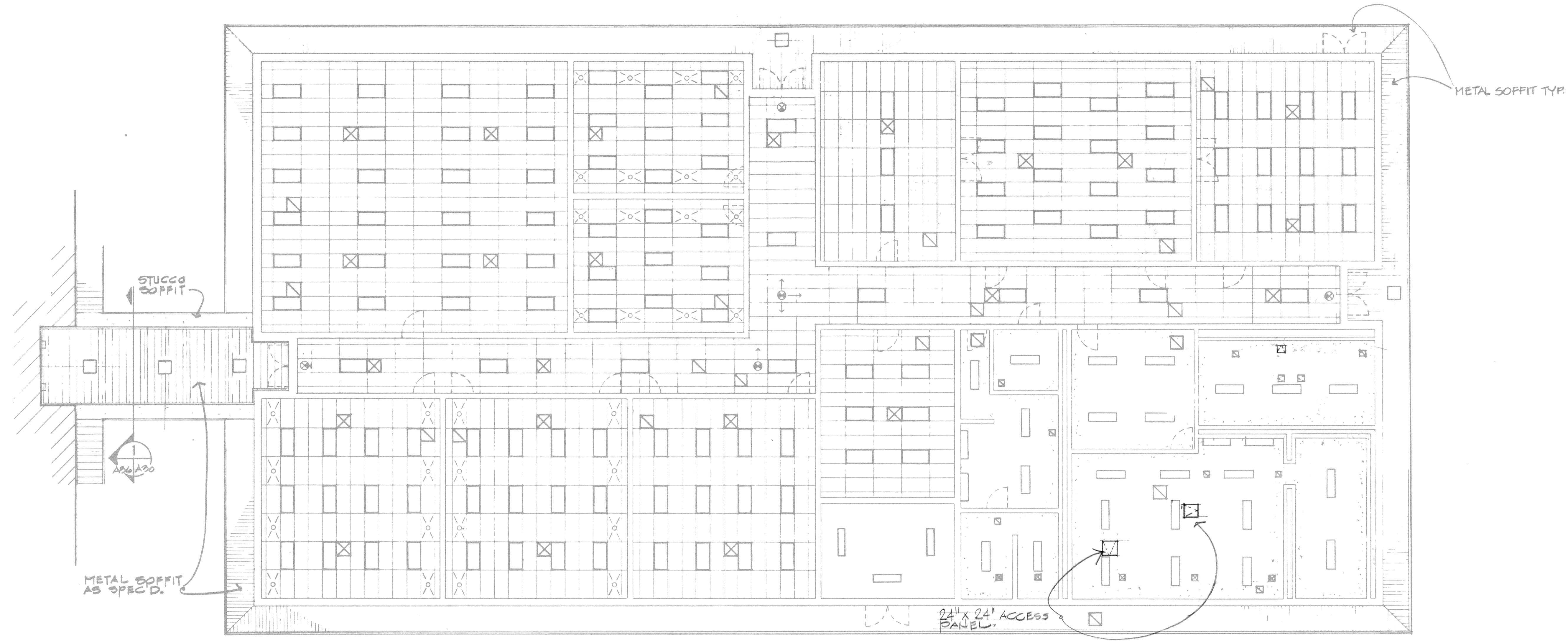
FIRE TRAINING BUILDING  
DIVISION OFFICES

SCALE: 1/8" = 1'-0"



|  |  |
|--|--|
| AM#00014 JUN 92 REVISED TO REFLECT W.I. CHANGES  |  |
| WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS |
| DESIGNED BY:<br>LB   | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS                                     |
| DRAWN BY:<br>YS  | <b>FIRE TRAINING COMPLEX<br/>REFLECTED CEILING PLAN</b>                            |
| REVIEWED BY:<br>CM   | (FIRE TRAINING BUILDING - DIVISION OFFICES)  |
| SUBMITTED BY:<br>K 1/4   | SOL. NO. DAC48-92-B-0109 DATED: JUN. 1992  |
| ENGINEER:  | CONTR. NO. DAC48-92-C-0155 SEQUENCE NO. 119  |
|  | DRAWING NUMBER A35 SHEET NO. 62  |

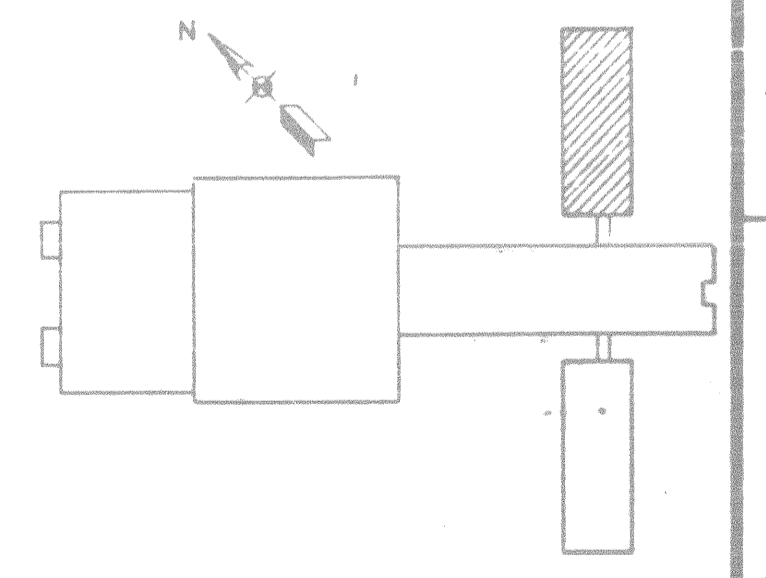
M



**REFLECTED CEILING PLAN**  
 SCALE: 1/8" = 1'-0"

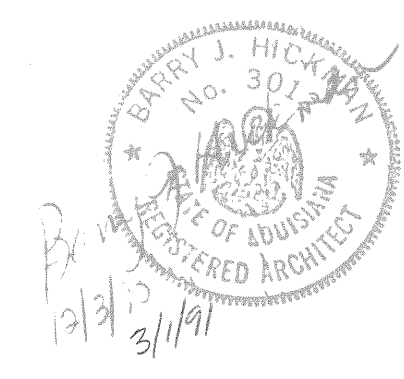
- LEGEND FOR REFLECTED CEILING PLANS**
- - 2'x4' FLUORESCENT FIXTURE
  - - 1'x4' FLUORESCENT FIXTURE
  - ⊗ - RECESSED DOWN LIGHT
  - ⊕ - EXIT LIGHT
  - ⊗ - SUPPLY AIR
  - ⊗ - RETURN AIR/EXHAUST
  - - RECESSED EXTERIOR LIGHTING
  - ⊗ - ACCESS PANEL

SCALE: 1/8" INCH = 1 FOOT

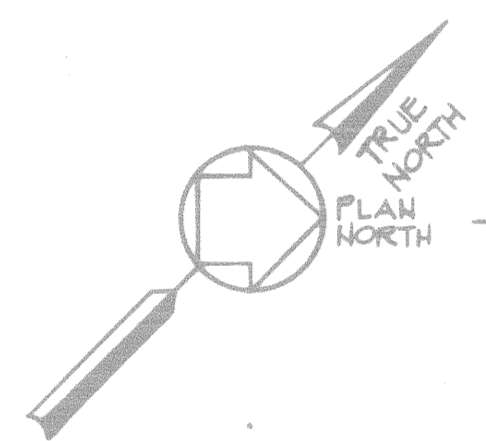


FIRE TRAINING BUILDING  
 RESCUE / HAZ MAT WING

|  |  |
|--|--|
| AM#0001 4 JUN 92 REVISED TO REFLECT W.I. CHANGES                                       |  |
| WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS |
| DESIGNED BY:<br>LB   | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS                                     |
| DRAWN BY:<br>YS  | <b>FIRE TRAINING COMPLEX<br/>REFLECTED CEILING PLAN</b>                            |
| REVIEWED BY:<br>CM   | (FIRE TRAINING BUILDING - RESCUE / HAZ. MAT. WING)                                 |
| SUBMITTED BY:<br>[Signature]   | SOL. NO. DACAG3-92-E-0199 DATED: JUN. 1992   |
| ENGINEER:<br>[Signature]   | CONTR. NO. DACAG3-92-C-0155 SHEET NO. 120<br>DRAWING NUMBER A30 OF G2              |



SOUTH: AM#0001-92-C-0155

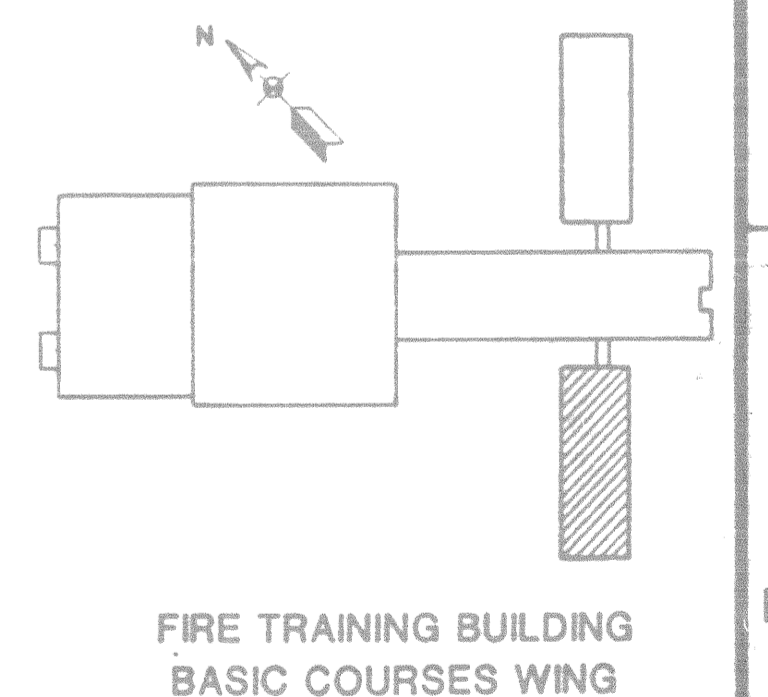


### REFLECTED CEILING PLAN

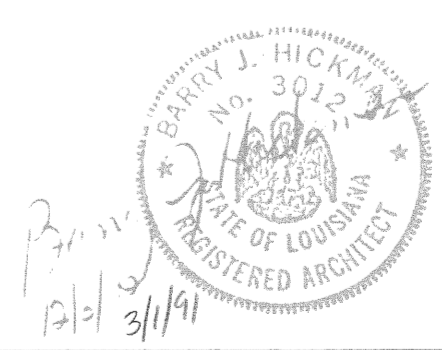
SCALE: 1/8" = 1' - 0"

#### LEGEND FOR REFLECTED CEILING PLANS

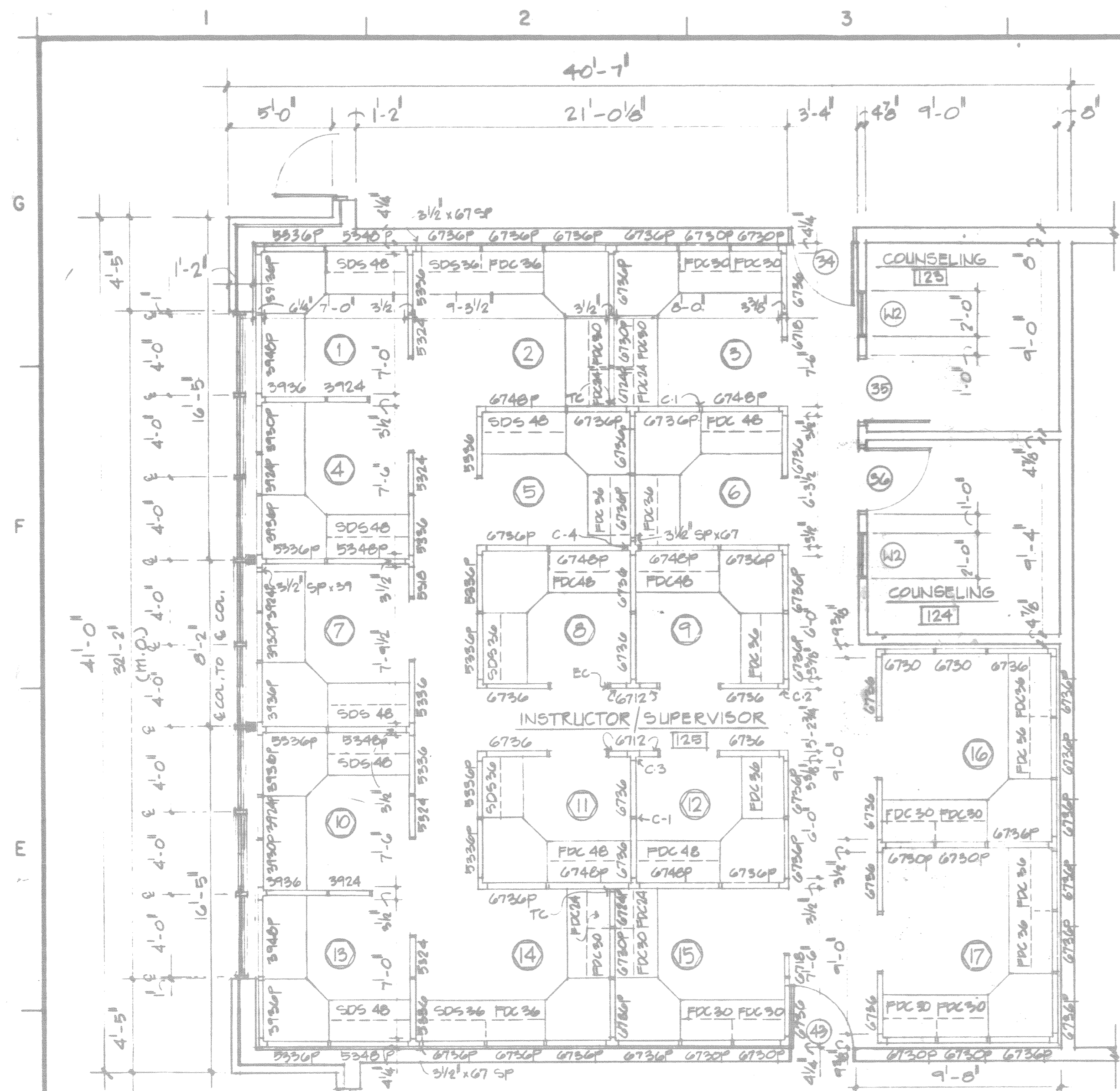
- - 2'x4' FLOURESCENT FIXTURE
- - 1'x4' FLOURESCENT FIXTURE
- ⊗ - RECESSED DOWN LIGHT
- ⊙ - EXIT LIGHT
- ⊗ - SUPPLY AIR
- ⊗ - RETURN AIR/EXHAUST
- - RECESSED EXTERIOR LIGHTING
- ⊗ - ACCESS PANEL UNLESS NOTED OTHERWISE SIZE SHALL BE AS SPEC'D IN SEC. 5520 TYPICAL.



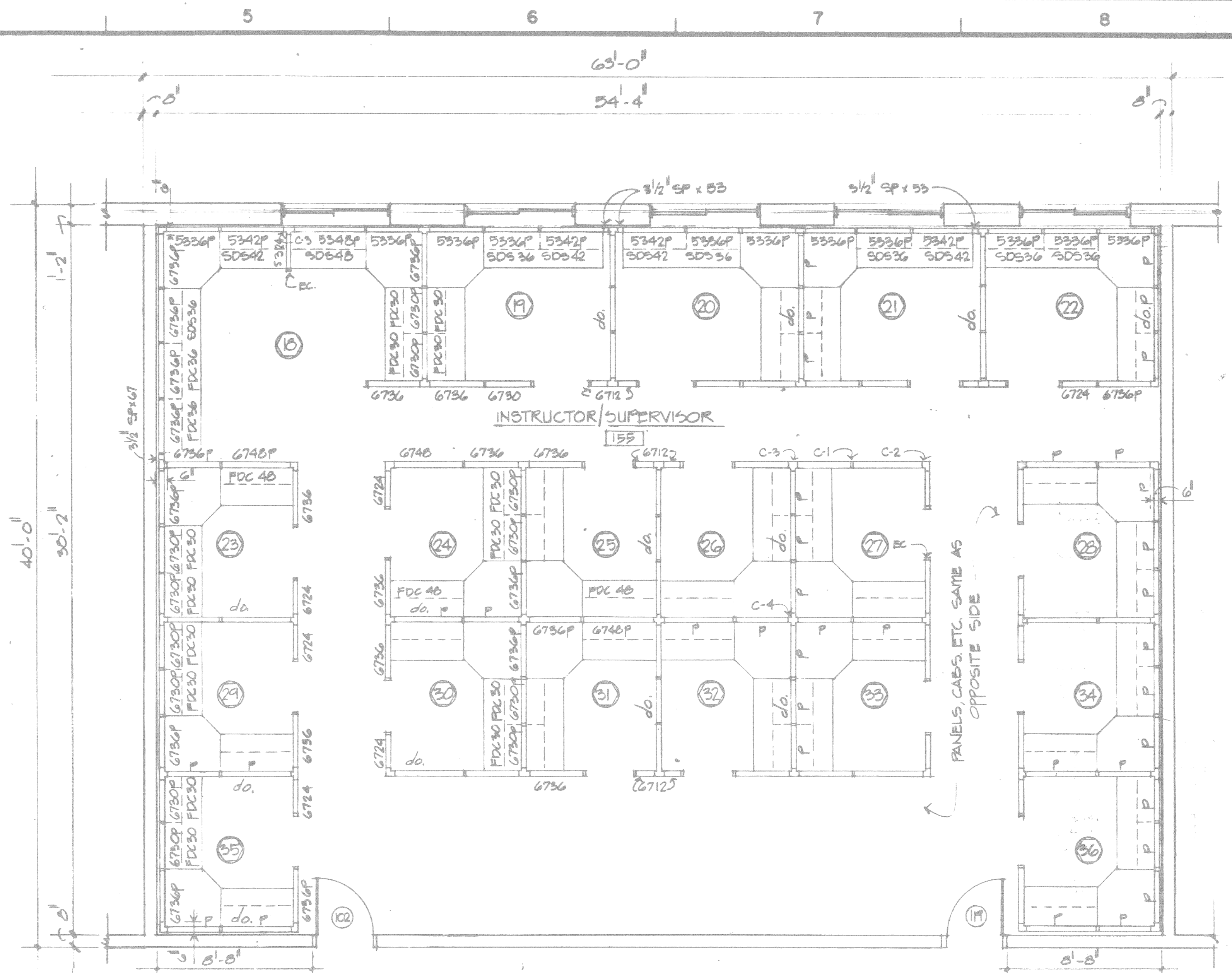
|  |  |
|--|--|
| AM#0001 4 JUN 92 REVISED TO REFLECT W.I. CHANGES                                       |  |
| WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS |
| DESIGNED BY:<br>LB   | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS                                     |
| <b>FIRE TRAINING COMPLEX<br/>         REFLECTED CEILING PLAN</b>                       |  |
| REVIEWED BY:<br>CM   | (FIRE TRAINING BUILDING-BASIC COURSES WING)  |
| SUBMITTED BY:<br>[Signature]   | SOL. NO. DALA63-92-B-0109 DATED JUN. 1992  |
| ENGINEER:<br>[Signature]   | CONTR. NO. DAC63-92-C-0155<br>DRAWING NUMBER: A37 OF 82<br>SHEET NO. 121           |



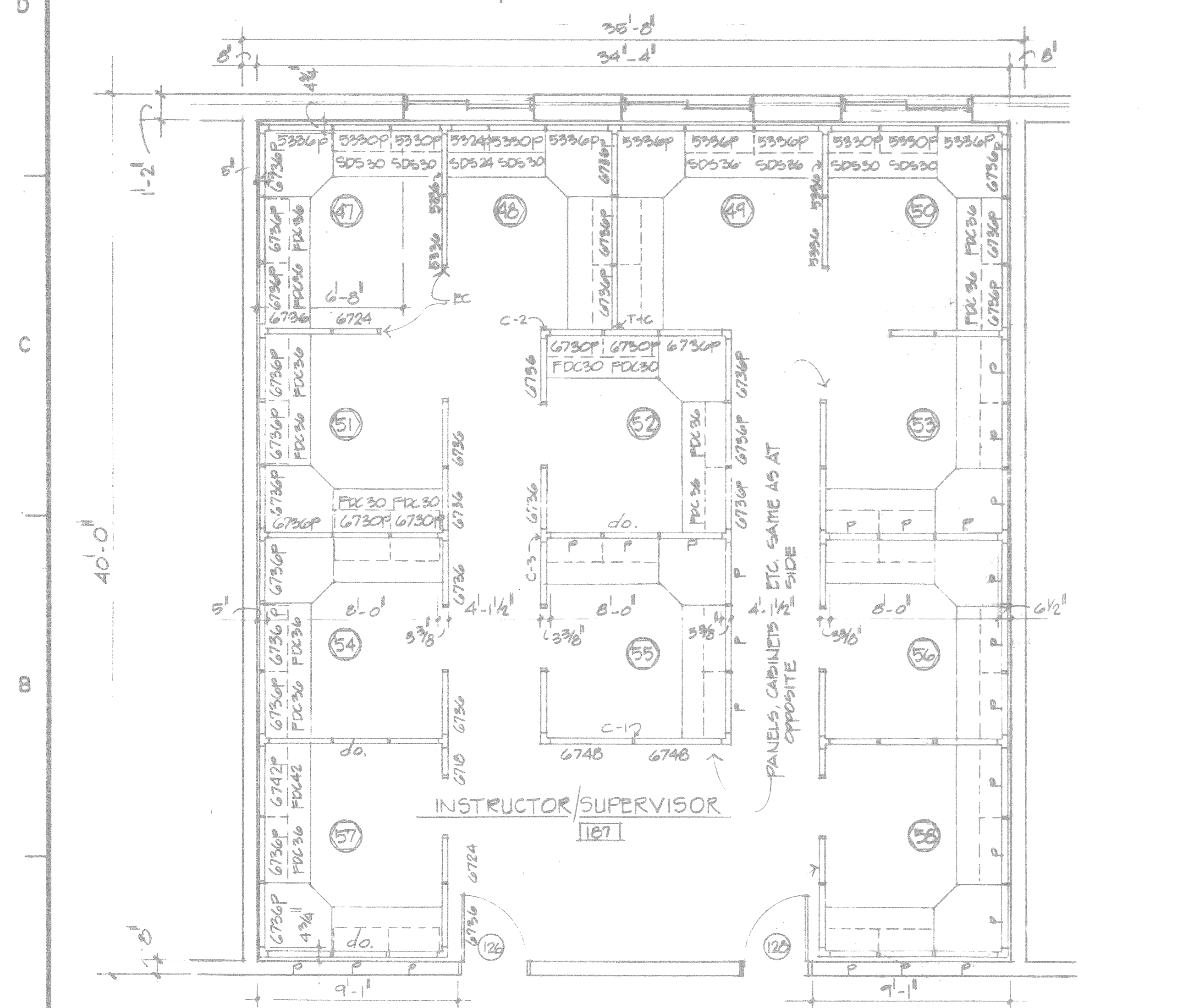
CONTR. NO. DAC63-92-C-0155



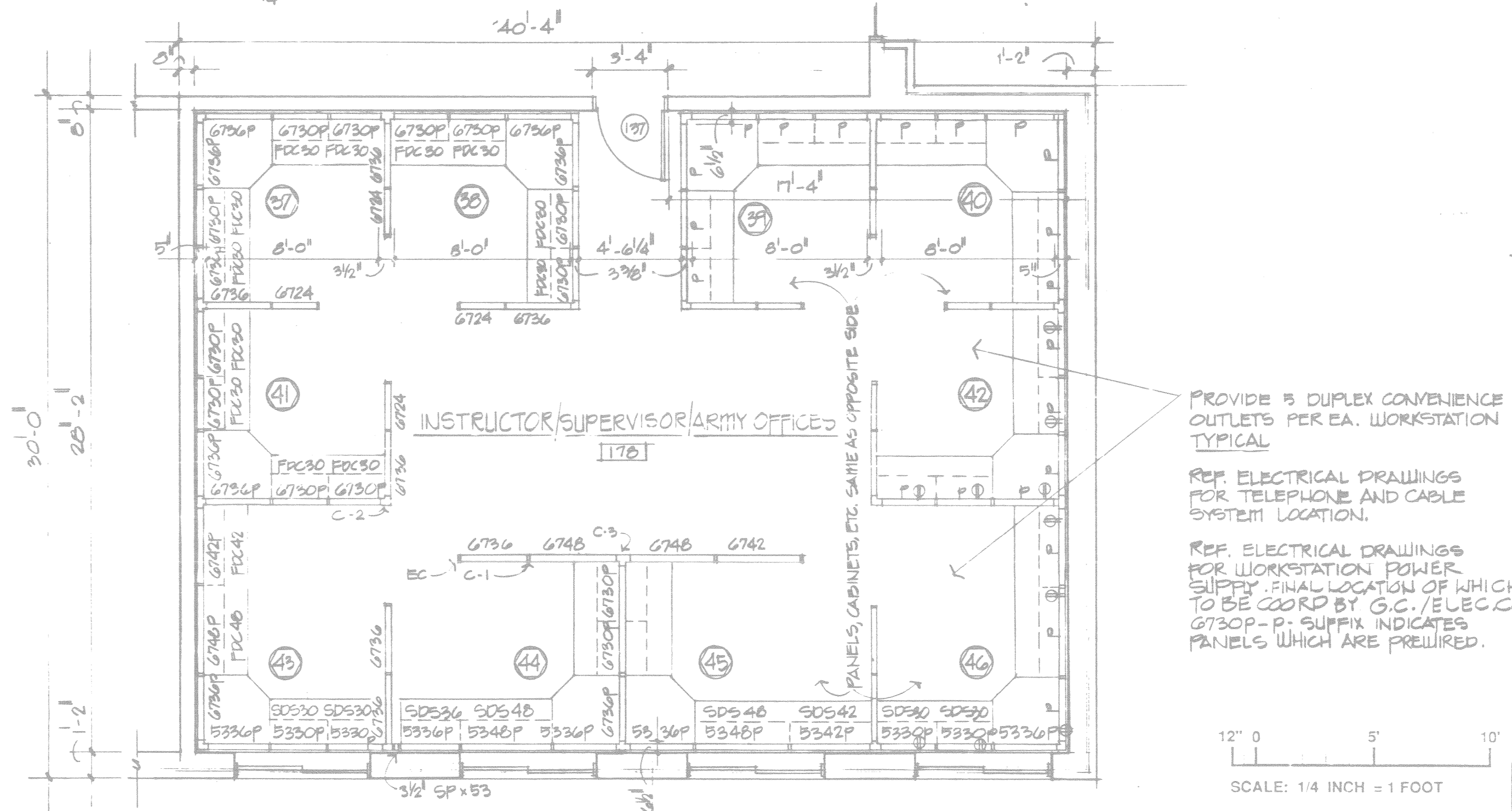
41 ENLARGED FLOOR PLAN @ ROOM 125  
PREWIRED WORKSTATIONS NO 1 THRU NO 17  
SCALE: 1/4" = 1'-0"



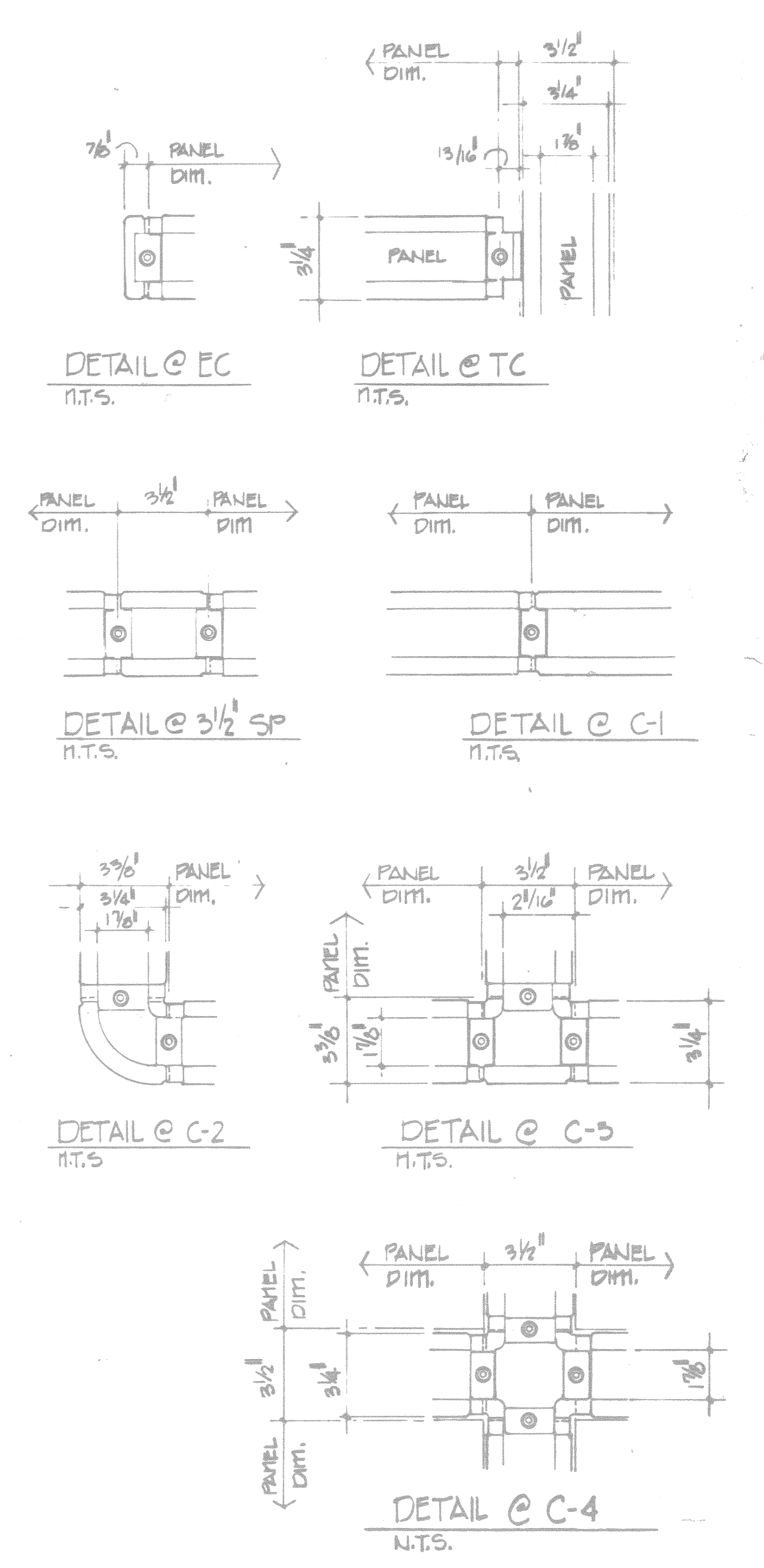
ENLARGED FLOOR PLAN @ ROOM 155  
PREWIRED WORKSTATIONS NO 18 THRU NO 36  
SCALE: 1/4" = 1'-0"



ENLARGED FLOOR PLAN @ ROOM 187  
PREWIRED WORKSTATIONS NO 47 THRU NO 55  
SCALE: 1/4" = 1'-0"



ENLARGED FLOOR PLAN @ ROOM 178  
PREWIRED WORKSTATIONS NO 37 THRU NO 46  
SCALE: 1/4" = 1'-0"



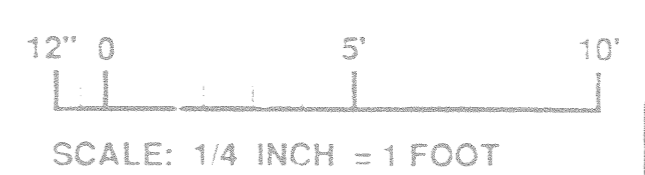
DETAIL OF CONNECTION JOINTS

PROVIDE 5 DUPLEX CONVENIENCE OUTLETS PER EA. WORKSTATION TYPICAL.

REF. ELECTRICAL DRAWINGS FOR TELEPHONE AND CABLE SYSTEM LOCATION.

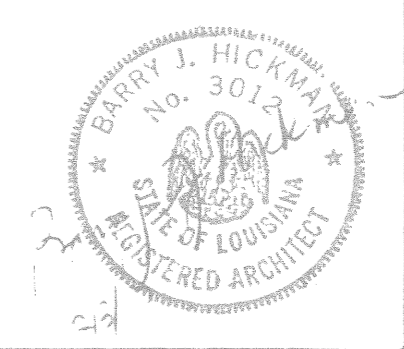
REF. ELECTRICAL DRAWINGS FOR WORKSTATION POWER SUPPLY, FINAL LOCATION OF WHICH TO BE COORD BY G.C./ELEC. CONTR./S SUPPLIER OF WORKSTATION.

G730P-P SUPFIX INDICATES PANELS WHICH ARE PREWIRED.

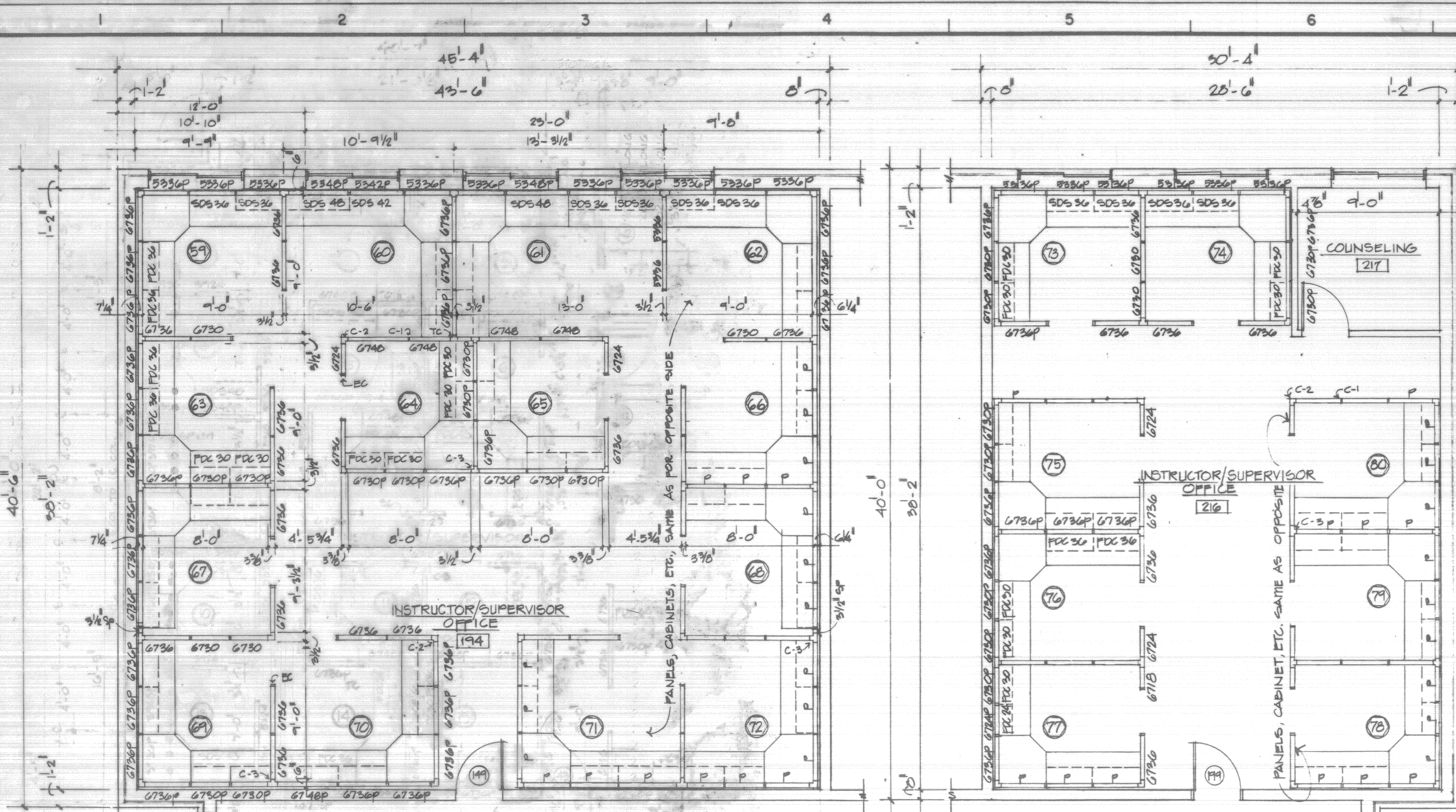


| REVISION |          | DATE                            | DESCRIPTION OF REVISION |
|----------|----------|---------------------------------|-------------------------|
| AM#0001  | 4 JUN 92 | REVISED TO REFLECT W.I. CHANGES |                         |

|  |   |  |         |
|--|---|--|---------|
| WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS, MOBILE, BATON ROUGE |   | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS |         |
| DESIGNED BY:<br>L.S.   | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS  |  |         |
| DRAWN BY:<br>A.S.  | FIRE TRAINING COMPLEX<br>1/4 FLOOR PLAN - PRE WIRED<br>WORK STATION<br>(FIRE TRAINING BUILDING) |  |         |
| REVIEWED BY:<br>C.M.   | SOL. NO. DACAG-92-B-0109 DATED: JUN 1992  |  |         |
| CONTR. NO. DACAG-92-C-0155   | SEQUENCE NO.  |  | NO. 122 |
| DRAWING NUMBER   | SHEET NO.   |  | 122     |



CONTR. NO. DACAG-92-C-0155



ENLARGED FLOOR PLAN @ ROOM 194  
 PREWIRED WORKSTATIONS NO 59 THRU 72  
 SCALE: 1/4" = 1'-0"

ENLARGED FLOOR PLAN @ ROOM 216  
 PREWIRED WORKSTATIONS NO 73 THRU NO 80  
 SCALE: 1/4" = 1'-0"

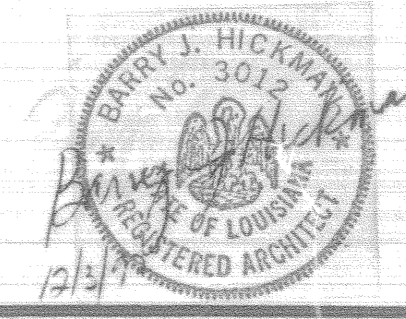


SCALE: 1/4 INCH = 1 FOOT

| REVISIONS |         | DATE     | DESCRIPTION OF REVISION         |
|-----------|---------|----------|---------------------------------|
| 1         | AM#0001 | 4 JUN 82 | REVISED TO REFLECT W.I. CHANGES |

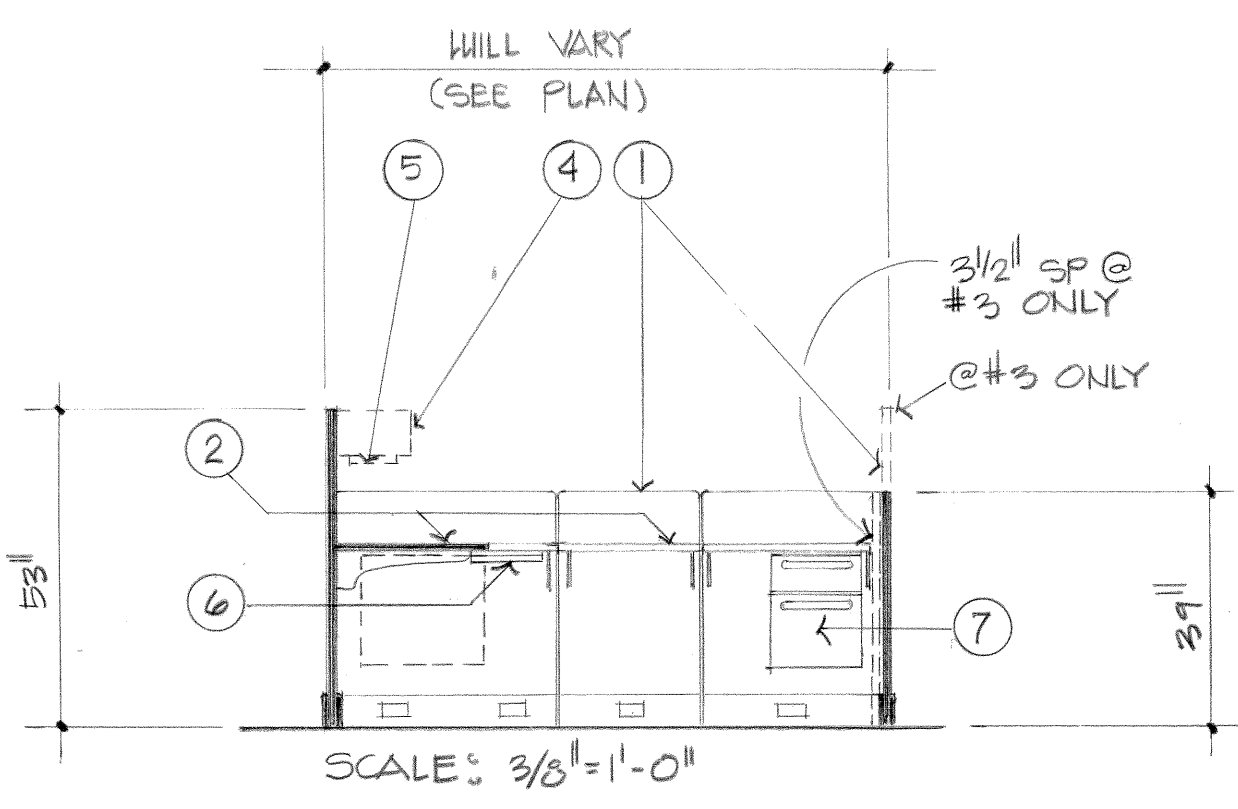
|                              |   |
|------------------------------|---|
| DESIGNED BY:<br>L.B.         | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS  |
| DRAWN BY:<br>A.S.            | <b>FIRE TRAINING COMPLEX</b><br>1/4" FLOOR PLAN - PRE WIRED<br>WORK STATION<br>(FIRE TRAINING BUILDING) |
| REVIEWED BY:<br>C.M.         |   |
| SUBMITTED BY:<br>[Signature] | SOL. NO. DACAG3-92-B-0107 DATED: JUN. 1992  |
| ENGINEER:<br>[Signature]     | CONTR. NO. DACAG3-92-C-0155<br>DRAWING NUMBER: A-21 OF 62<br>SEQUENCE NO. 123                           |



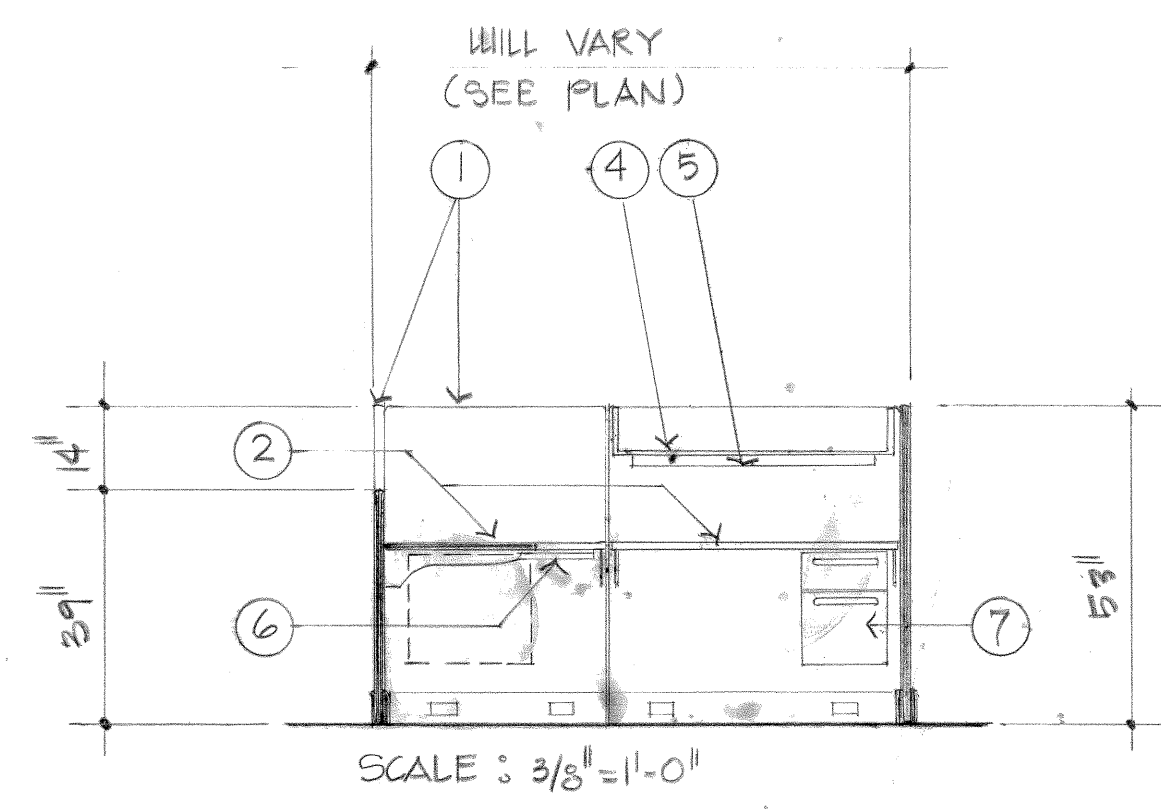
CONTR. NO. DACAG3-92-C-0155

SCHEDULE OF PREWIRED WORKSTATION / SYSTEMS FURNITURE COMPONENTS

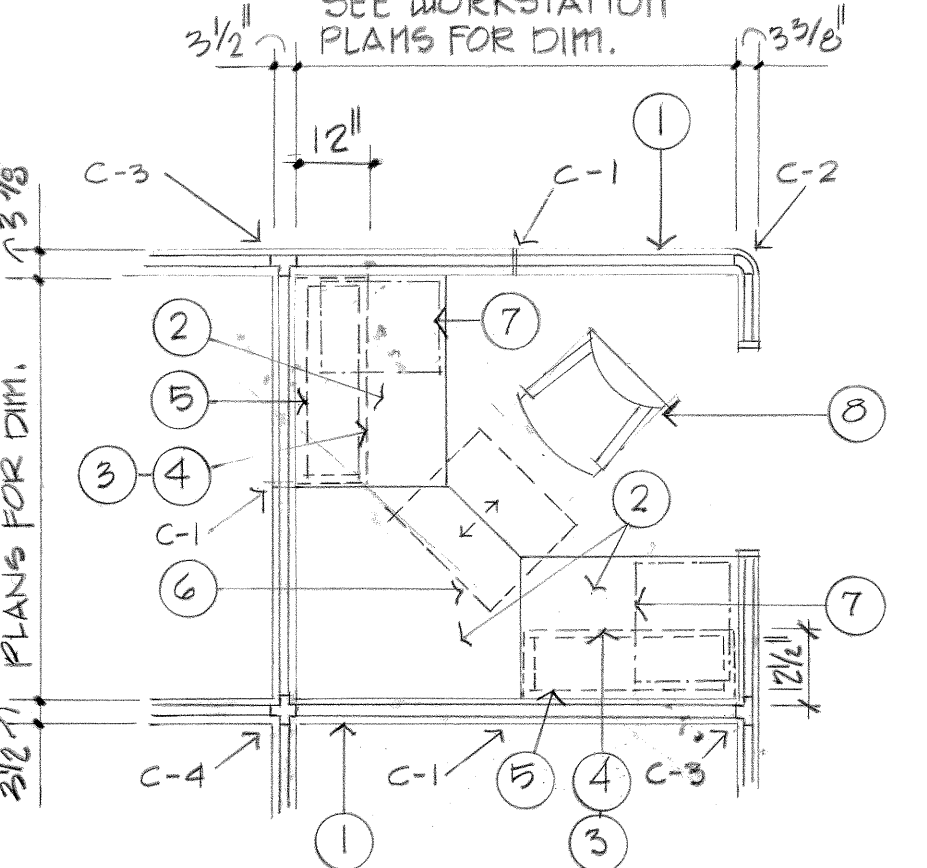
| ROOM NUMBER | COMPONENT NUMBER | 1 WALL PANELS |   |                    | 2 WORK SURFACES |                |               | 3 FLIPPER DOOR CABINETS |               |               | 4 STORAGE / DISPLAY SHELVES |               |               | 5 TASK LIGHTING |               |               | 6 ADJUSTABLE KEYBOARD TRAY PROVIDE ONE UNDER EACH CORNER WORKSURFACE |               |               | 7 DRAWER PEDESTAL UNIT 6/12 PROVIDE (2) PER WORKSTATION |               | 8 SEATING (NOT SHOWN ON DRAWINGS) PROVIDE (1) ERGONOMIC WORK CHAIR PER WORKSTATION |  | WORKSTATION ELEV. NOS. | REMARKS |
|-------------|------------------|---------------|---|--------------------|-----------------|----------------|---------------|-------------------------|---------------|---------------|-----------------------------|---------------|---------------|-----------------|---------------|---------------|--|---------------|---------------|---|---------------|--|--|------------------------|---------|
|             |                  | LOCATION      | SEE EACH WORKSTATION PLAN, FOR SIZE, QUANTITY AND CONFIGURATION OF PANELS REQUIRED. | REQ'D PNL. HEIGHTS | QUANTITY        | REQ'D EA. SIZE | NO. REQ'D EA. | NO. REQ'D EA.           | NO. REQ'D EA. | NO. REQ'D EA. | NO. REQ'D EA.               | NO. REQ'D EA. | NO. REQ'D EA. | NO. REQ'D EA.   | NO. REQ'D EA. | NO. REQ'D EA. | NO. REQ'D EA.  | NO. REQ'D EA. | NO. REQ'D EA. | NO. REQ'D EA.   | NO. REQ'D EA. | NO. REQ'D EA.  |  |                        |         |
| 125         | 1                | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 2             | 4   |               |  |  |                        |         |
|             | 2                | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 6             | 8   |               | 1 3/2" SP. x 67"   |  |                        |         |
|             | 3                | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 8             | 9   |               |  |  |                        |         |
|             | 4                | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 13            | 5   |               |  |  |                        |         |
|             | 5                | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 16            | 12  |               |  |  |                        |         |
|             | 6                | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 12            | 13  |               |  |  |                        |         |
|             | 7                | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 3             | 5   |               | 1 1/2" SP x 39"  |  |                        |         |
|             | 8                | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 14            | 16  |               |  |  |                        |         |
|             | 9                | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 12            | 13  |               |  |  |                        |         |
|             | 10               | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 2             | 4   |               |  |  |                        |         |
|             | 11               | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 15            | 17  |               |  |  |                        |         |
|             | 12               | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 12            | 13  |               |  |  |                        |         |
|             | 13               | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 1             | 5   |               |  |  |                        |         |
|             | 14               | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 7             | 9   |               | 1 3/2" SP. x 67"   |  |                        |         |
|             | 15               | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 8             | 9   |               |  |  |                        |         |
|             | 16               | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 2             | 2   |               |  |  |                        |         |
|             | 17               | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 2             | 2   |               |  |  |                        |         |
| 155         | 18               | •             |   |                    | 2               |                |               |                         |               |               |                             |               |               |                 |               |               |  | 10            | 19            | 20  | 26            | 1 3/2" SP x 67" PROVIDE (2) CHAIRS   |  |                        |         |
|             | 19               | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 11            | 21  |               | 1 3/2" SP x 53"  |  |                        |         |
|             | 20               | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 10            | 22  |               |  |  |                        |         |
|             | 21               | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 11            | 21  |               | 1 3/2" SP x 53"  |  |                        |         |
|             | 22               | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 10            | 22  |               |  |  |                        |         |
|             | 23               | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 9             | 12  |               |  |  |                        |         |
|             | 24               | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 9             | 12  |               |  |  |                        |         |
|             | 25               | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 8             | 13  |               |  |  |                        |         |
|             | 26               | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 9             | 12  |               |  |  |                        |         |
|             | 27               | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 8             | 13  |               |  |  |                        |         |
| 175         | 37               | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 8             | 9   |               |  |  |                        |         |
|             | 38               | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 4             | 4   |               |  |  |                        |         |
|             | 39               | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 4             | 4   |               |  |  |                        |         |
|             | 40               | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 4             | 4   |               |  |  |                        |         |
|             | 41               | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 4             | 4   |               |  |  |                        |         |
|             | 42               | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 4             | 4   |               |  |  |                        |         |
|             | 43               | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 10            | 22  |               |  |  |                        |         |
|             | 44               | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 11            | 21  |               | 1 3/2" SP x 53"  |  |                        |         |
|             | 45               | •             |   |                    | 1               |                |               |                         |               |               |                             |               |               |                 |               |               |  |               | 10            | 22  |               |  |  |                        |         |



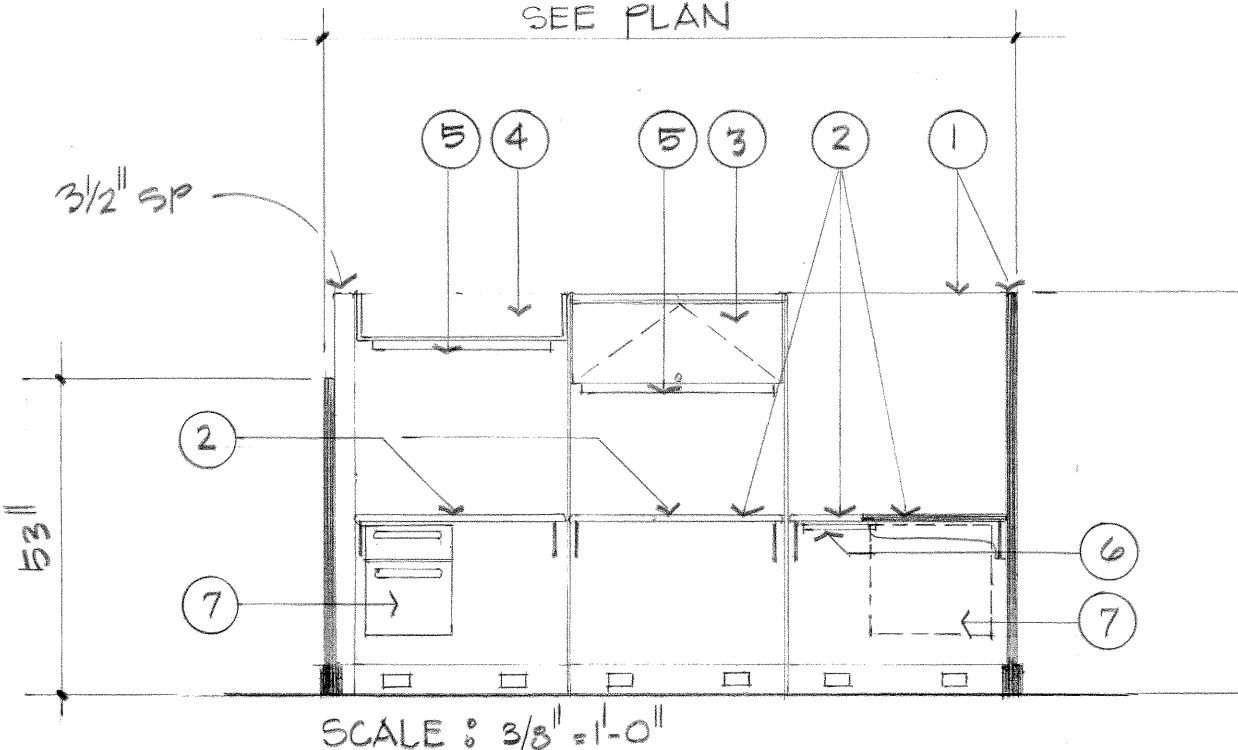
WORKSTATION ELEVATION NUMBERS  
#1, AS DRAWN  
#2, OPPOS. HAND  
#3, AS NOTED



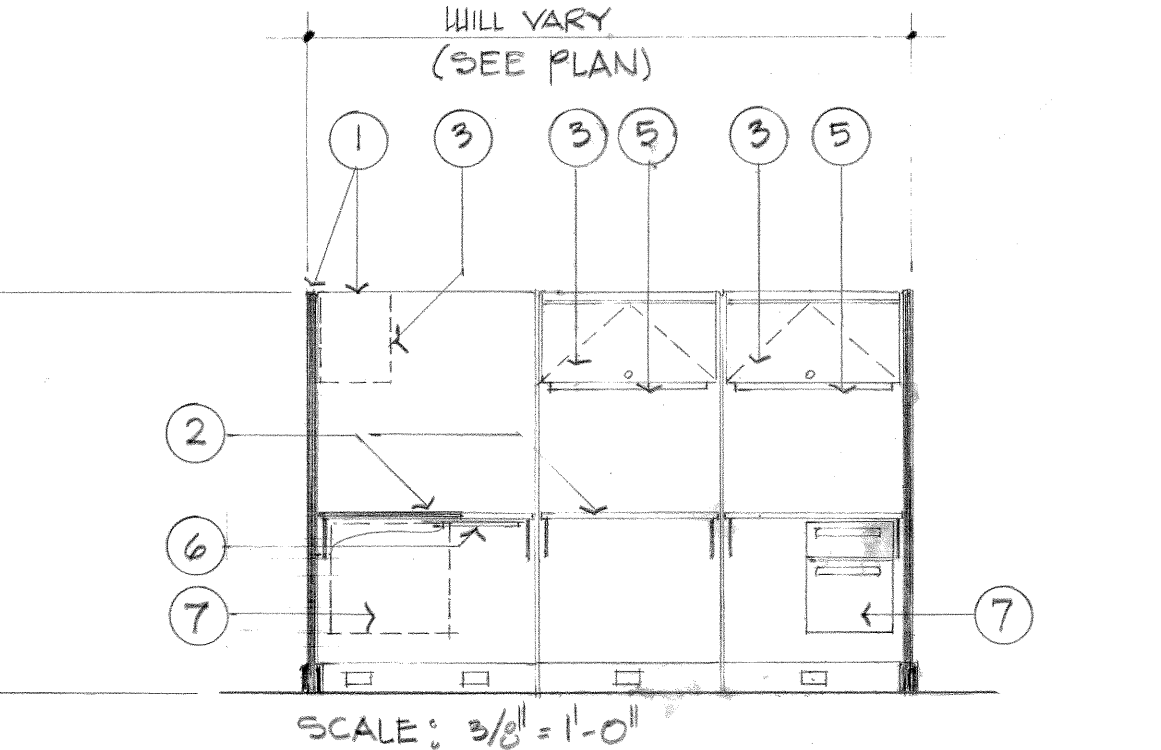
WORKSTATION ELEVATION NUMBERS  
#4, AS DRAWN  
#5, OPPOS. HAND



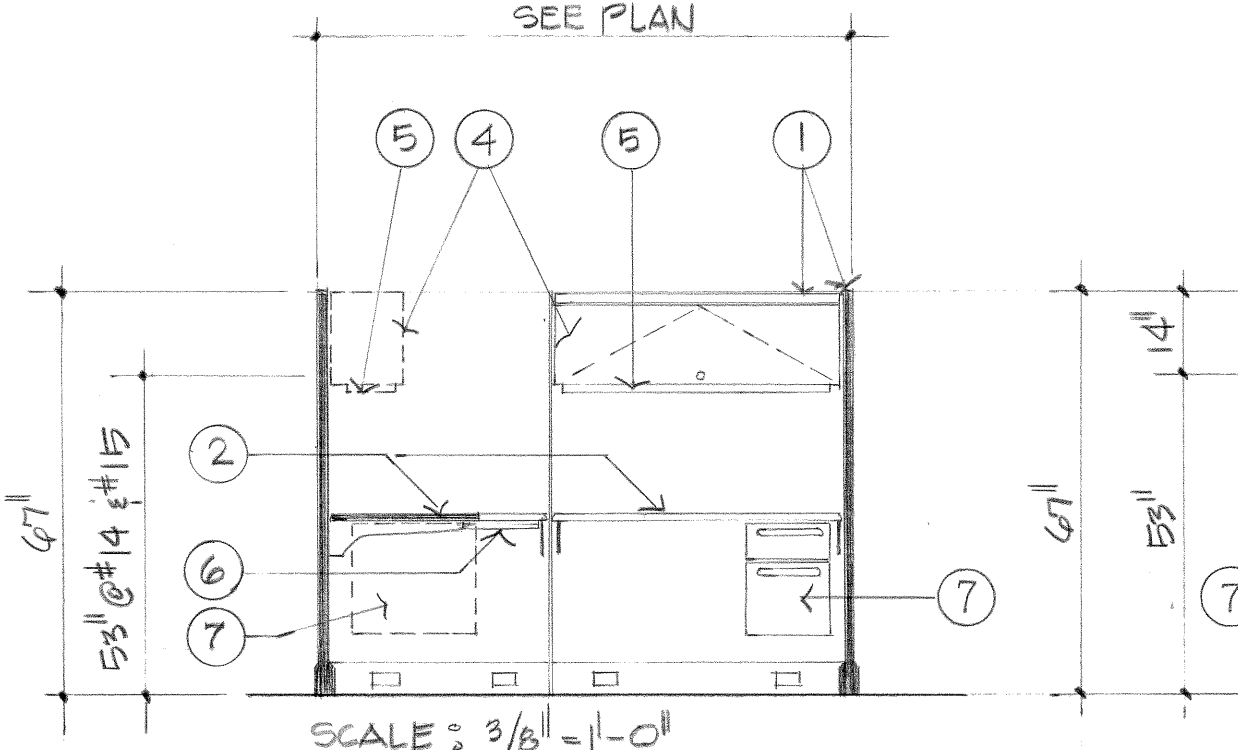
SCHEMATIC PLAN - TYPICAL WORKSTATION  
SEE INDIVIDUAL PLANS AND ELEVATIONS FOR SPECIFIC REQUIREMENTS.  
SCALE: 3/8" = 1'-0"  
SEE ELEC. DRAWINGS FOR LOCATION OF TELEPHONE & COMPUTER CABLE OUTLETS WITHIN THE WORKSTATION.



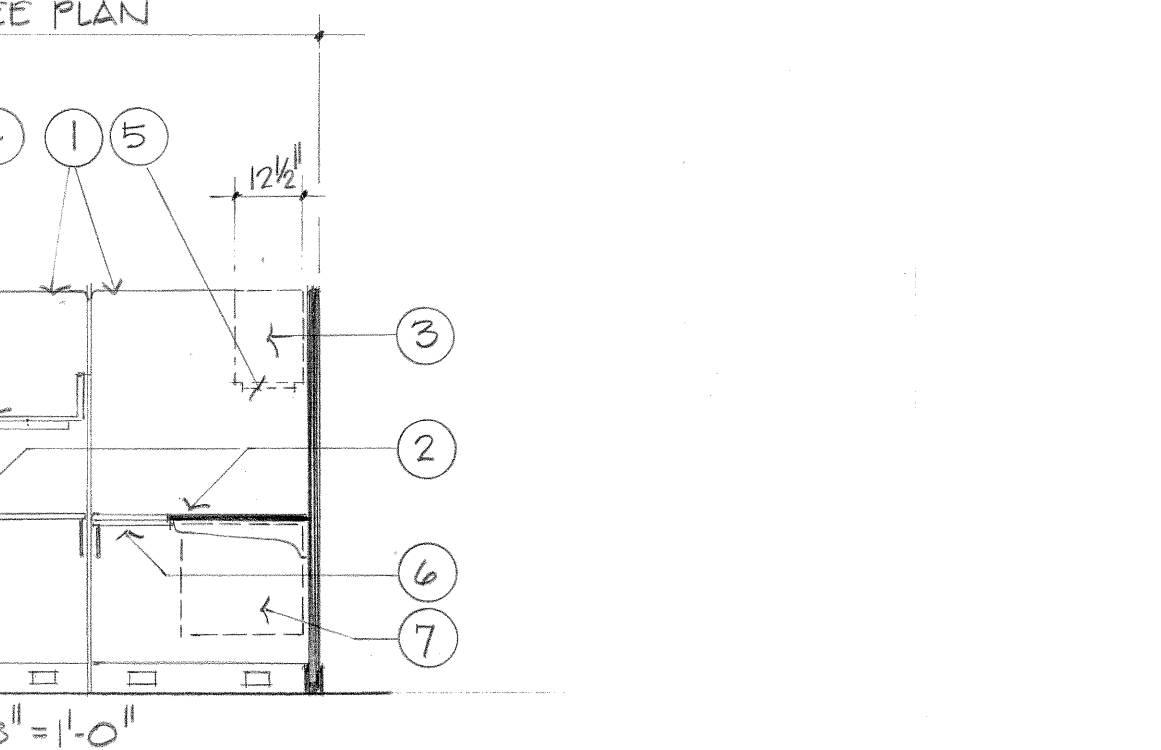
WORKSTATION ELEVATION NUMBERS  
#6, AS DRAWN  
#7, OPPOS. HAND



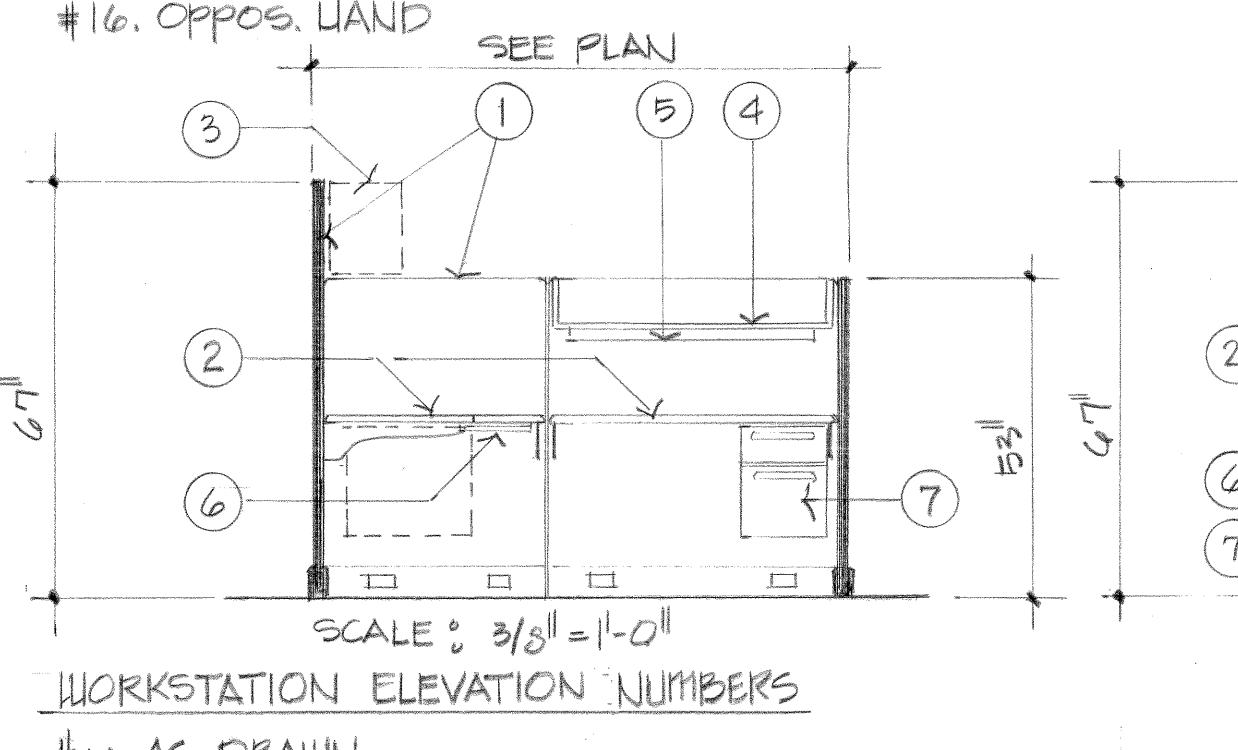
WORKSTATION ELEVATION NUMBERS  
#8, AS DRAWN  
#9, OPPOS. HAND  
#10, AS DRAWN  
#11, OPPOS. HAND #10



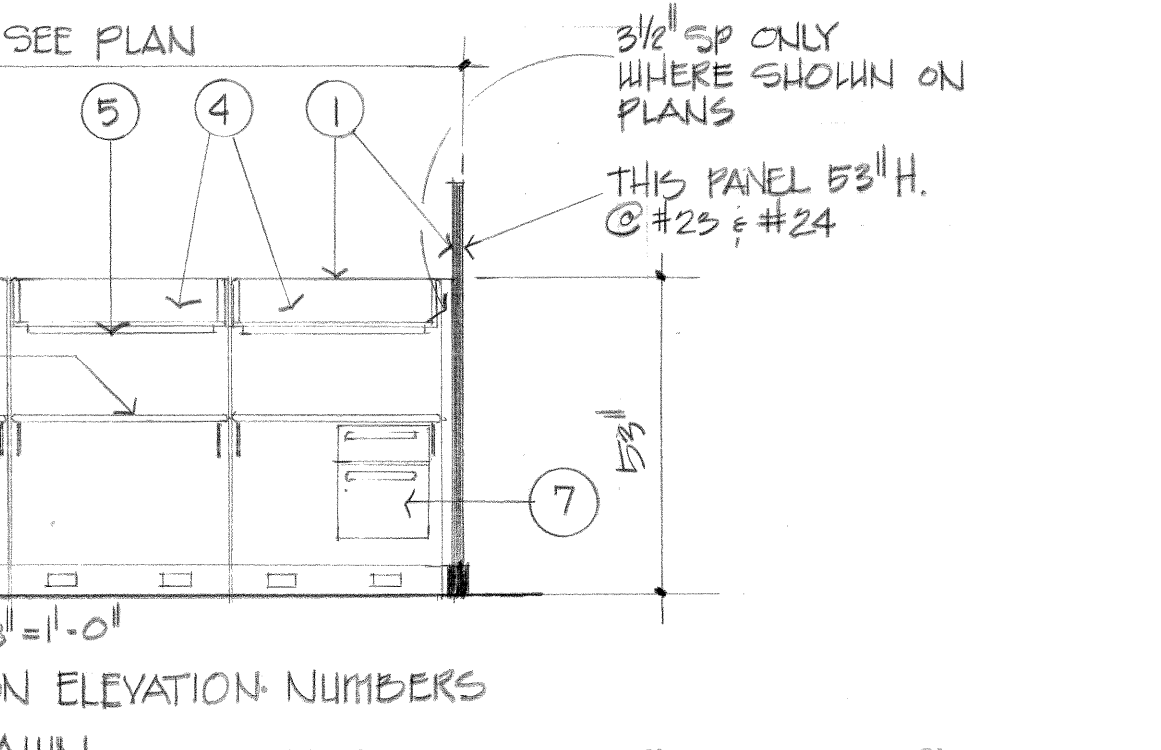
WORKSTATION ELEVATION NUMBERS  
#12, AS DRAWN  
#13, OPPOS. HAND  
#14, AS NOTED  
#16, OPPOS. HAND



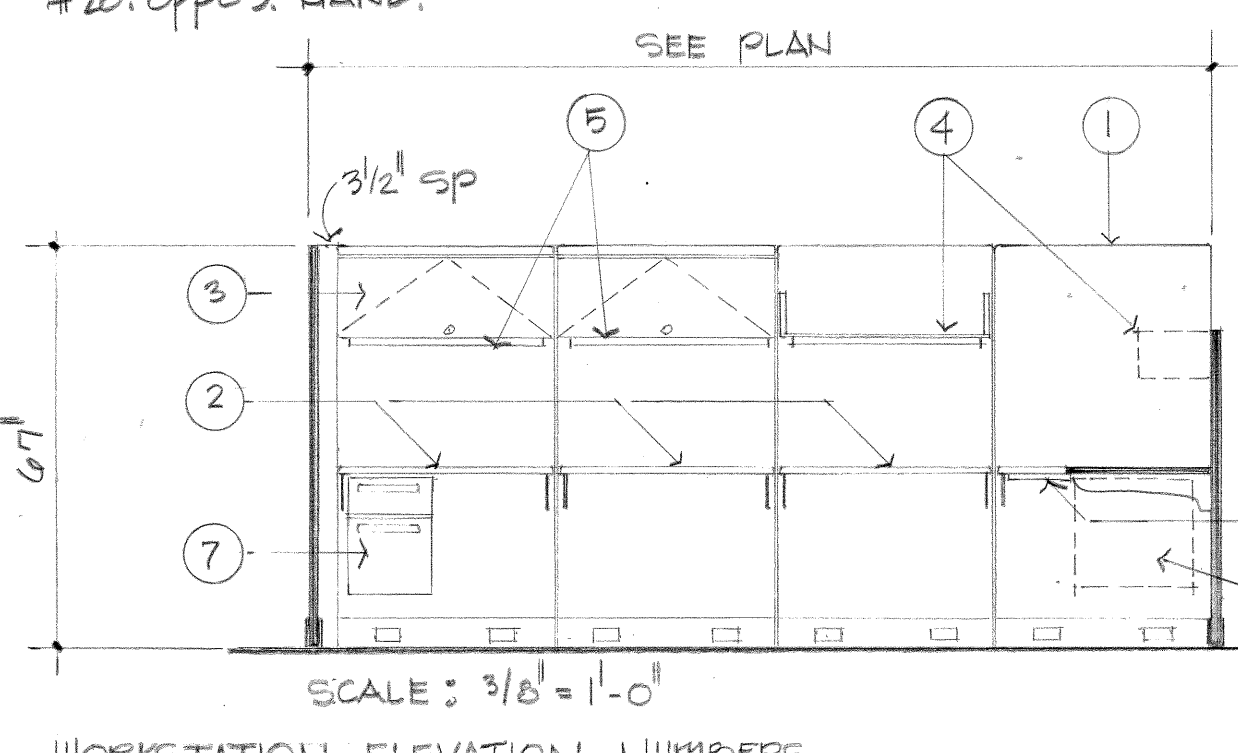
WORKSTATION ELEVATION NUMBERS  
#16, AS DRAWN



WORKSTATION ELEVATION NUMBERS  
#21, AS DRAWN  
#22, OPPOS. HAND  
#23, AS NOTED  
#24, OPPOS. HAND 23  
#25, SIMILAR TO 23, BUT W/ 3 SP5 UNITS.



WORKSTATION ELEVATION NUMBERS



WORKSTATION ELEVATION NUMBERS  
#26, AS DRAWN

FIRE TRAINING BUILDING

AM#0001 JUN 92 REVISED TO REFLECT W.I. CHANGES

WALK, HAYDEL & ASSOC. INC.  
ENGINEERS / ARCHITECTS  
NEW ORLEANS, MOBILE, BATON ROUGE

U.S. ARMY ENGINEER DISTRICT, FORT WORTH  
CORPS OF ENGINEERS  
FORT WORTH, TEXAS

DESIGNED BY: L.F.  
DRAWN BY: W.N. AS.  
REVIEWED BY: C.M.

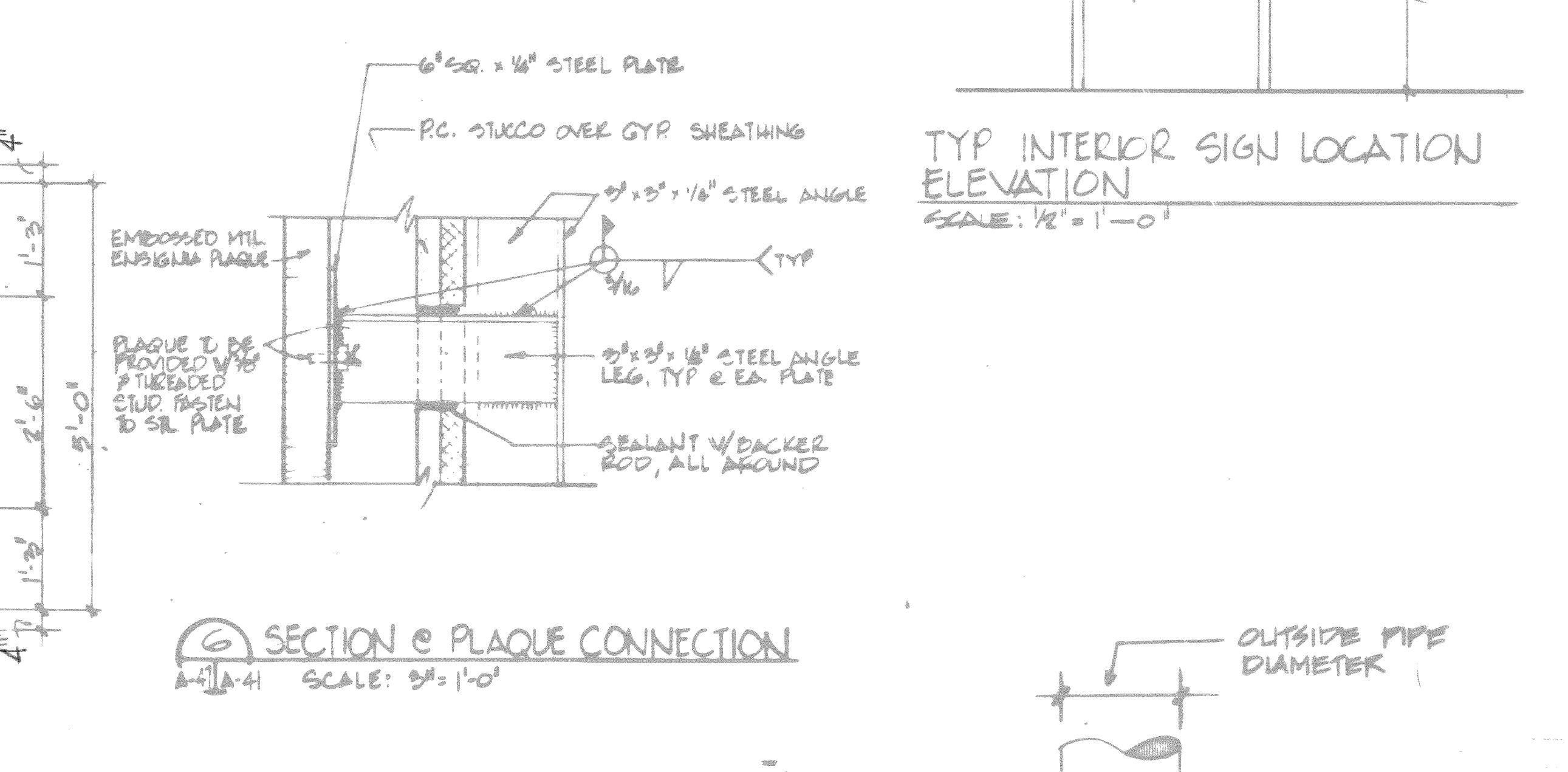
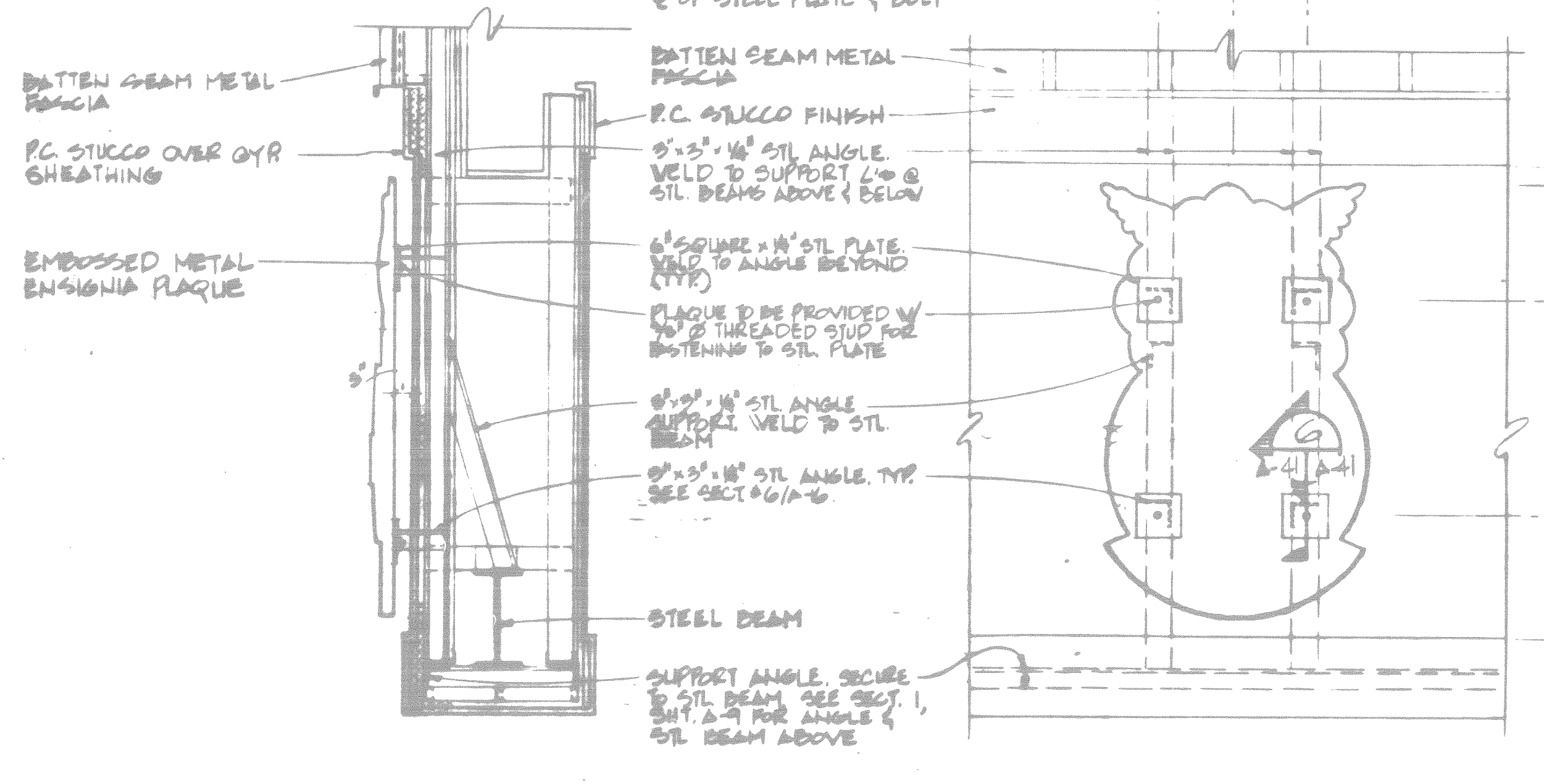
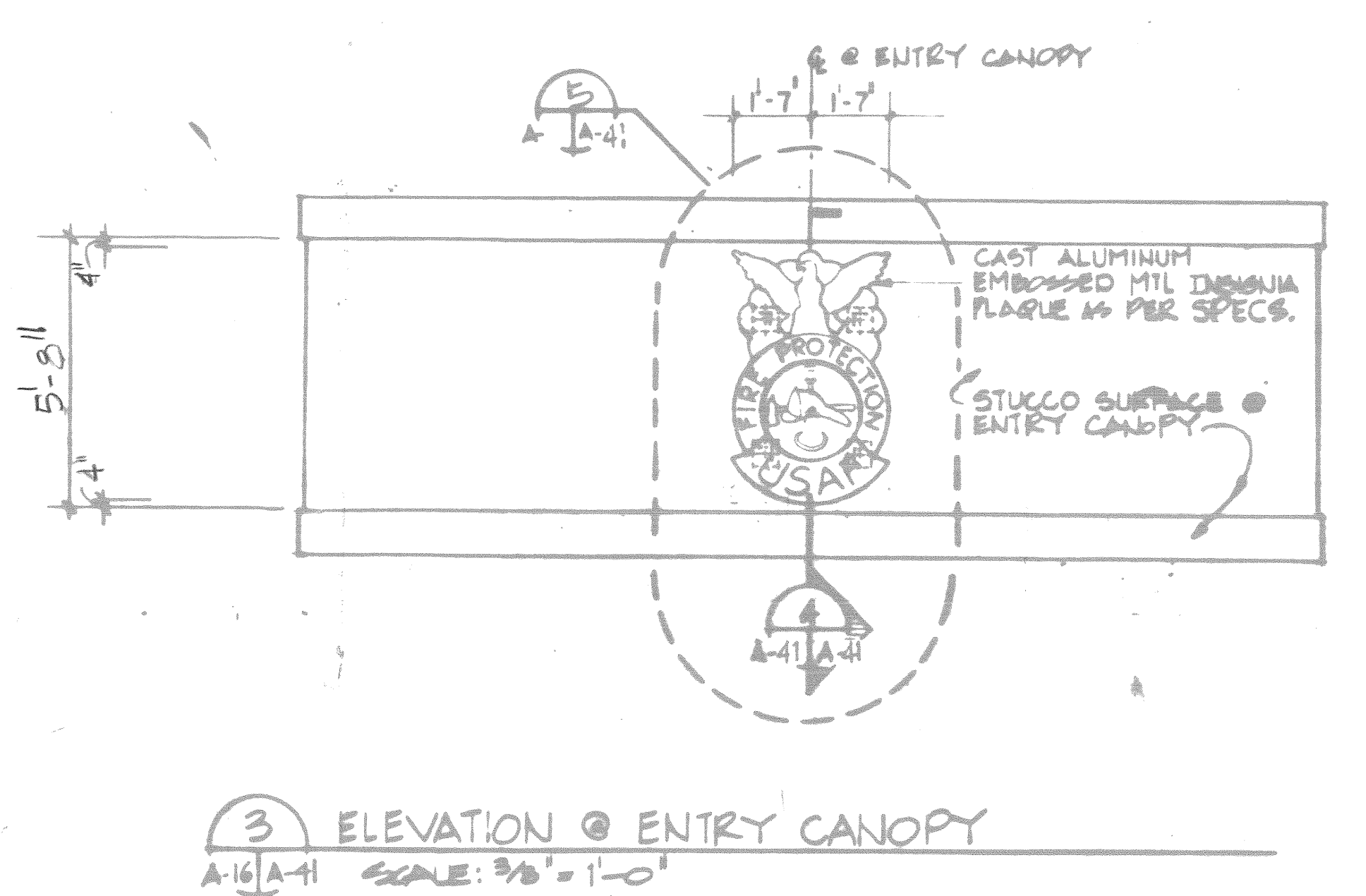
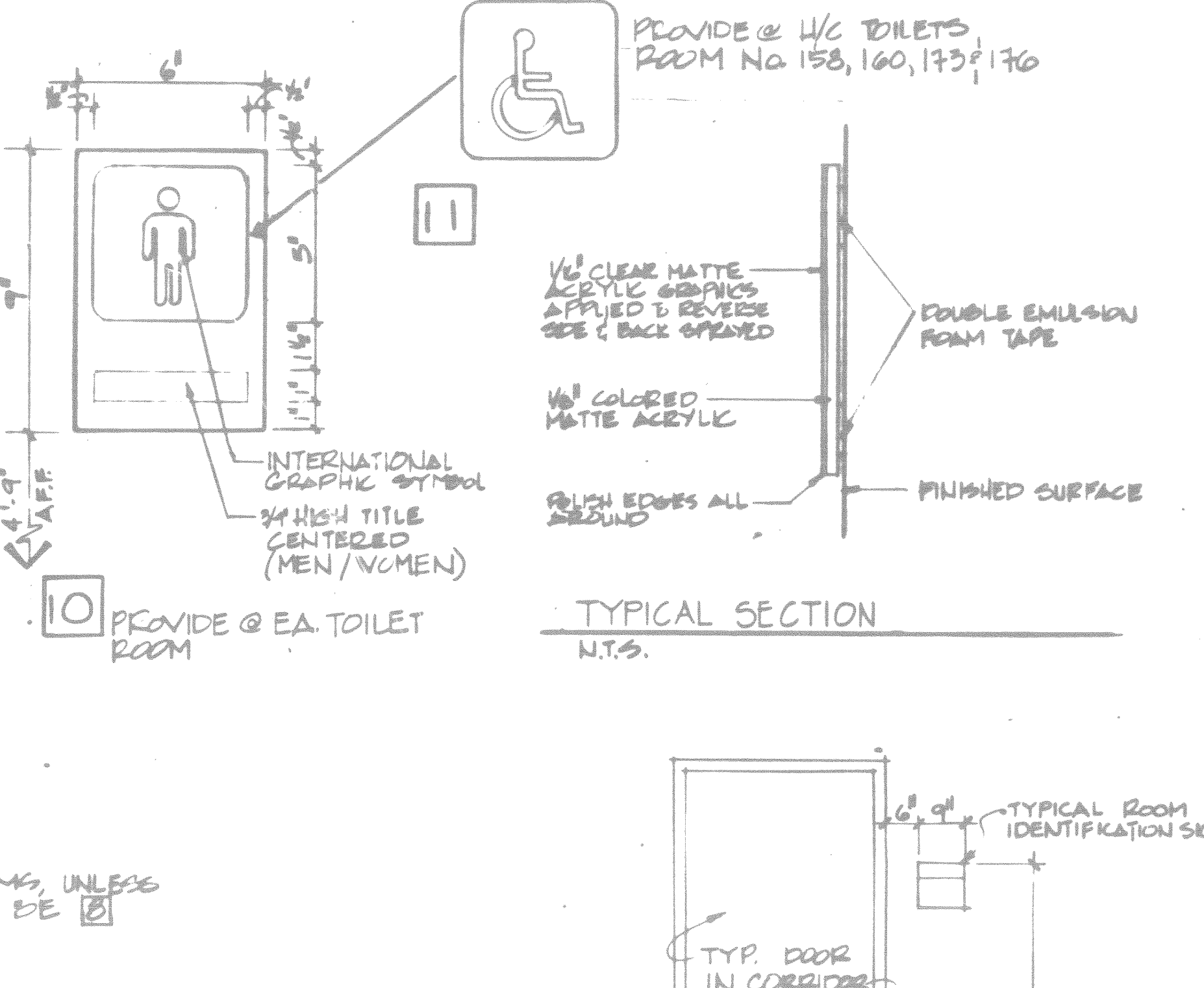
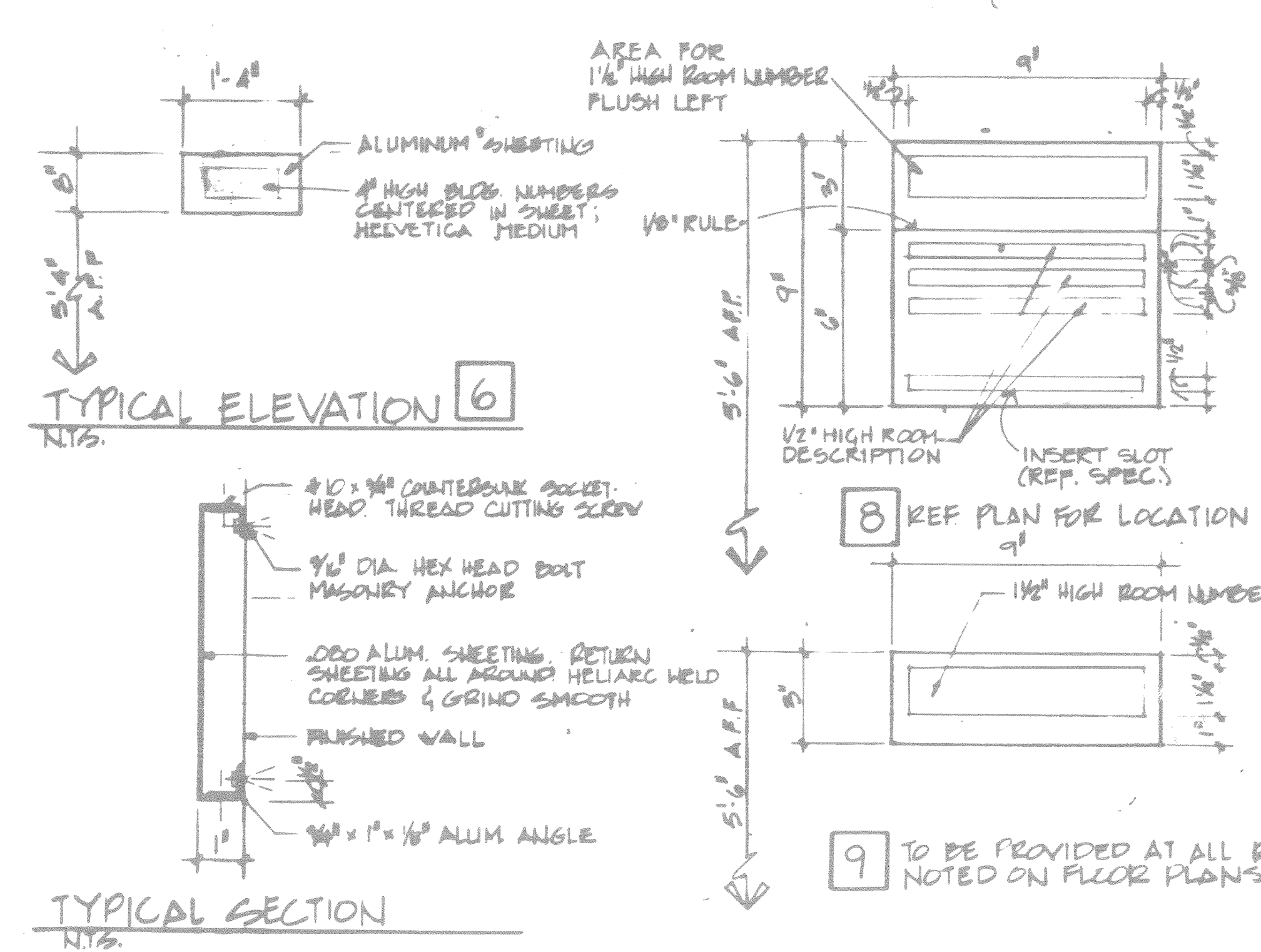
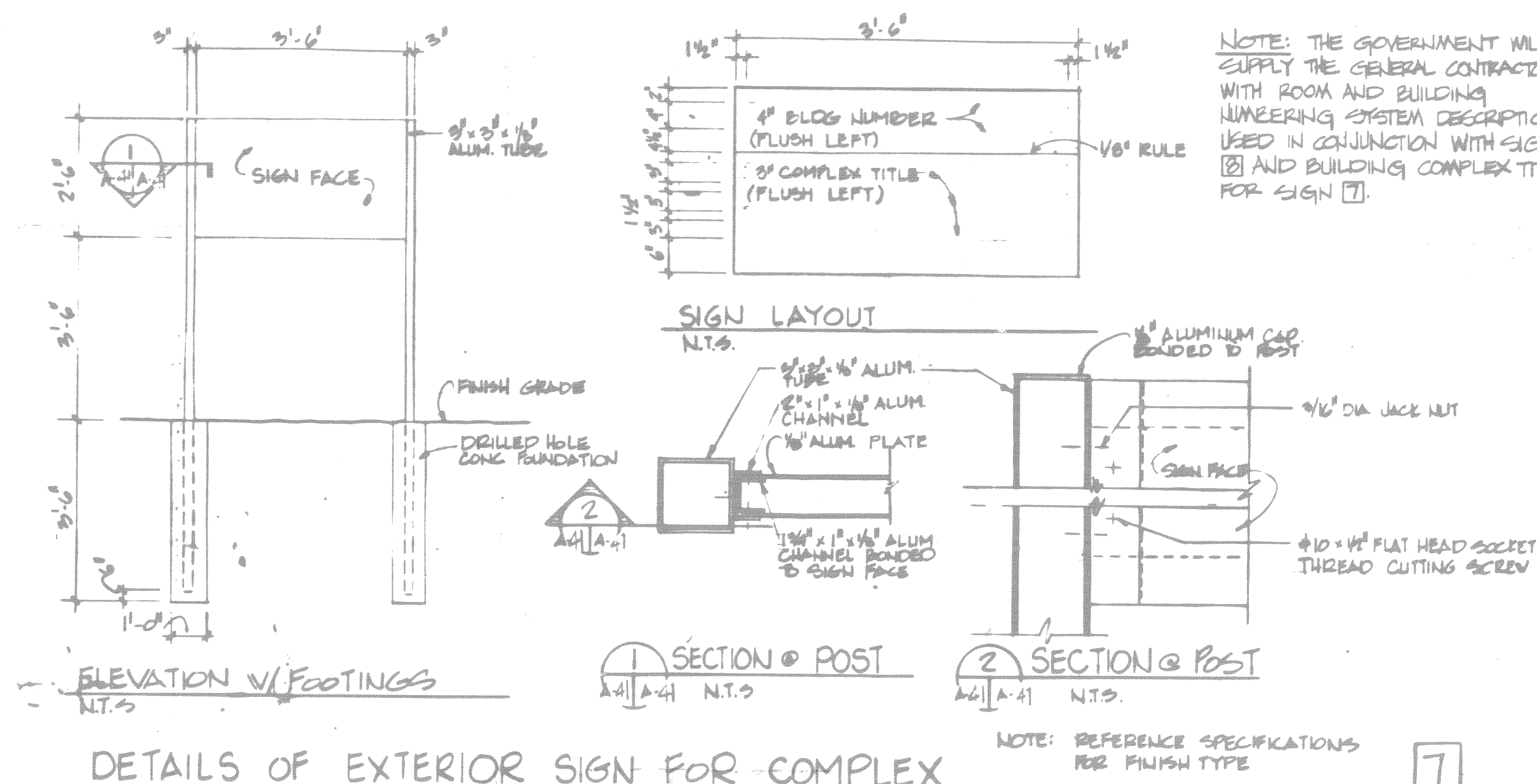
GOODFELLOW AIR FORCE BASE  
SAN ANGELO, TEXAS

**FIRE TRAINING COMPLEX**  
1/4" ELEVATIONS - PREWIRED WORKSTATIONS

SUBMITTED BY: M. ... 12/14/90  
ENGINEER: M. ... 12/14/90

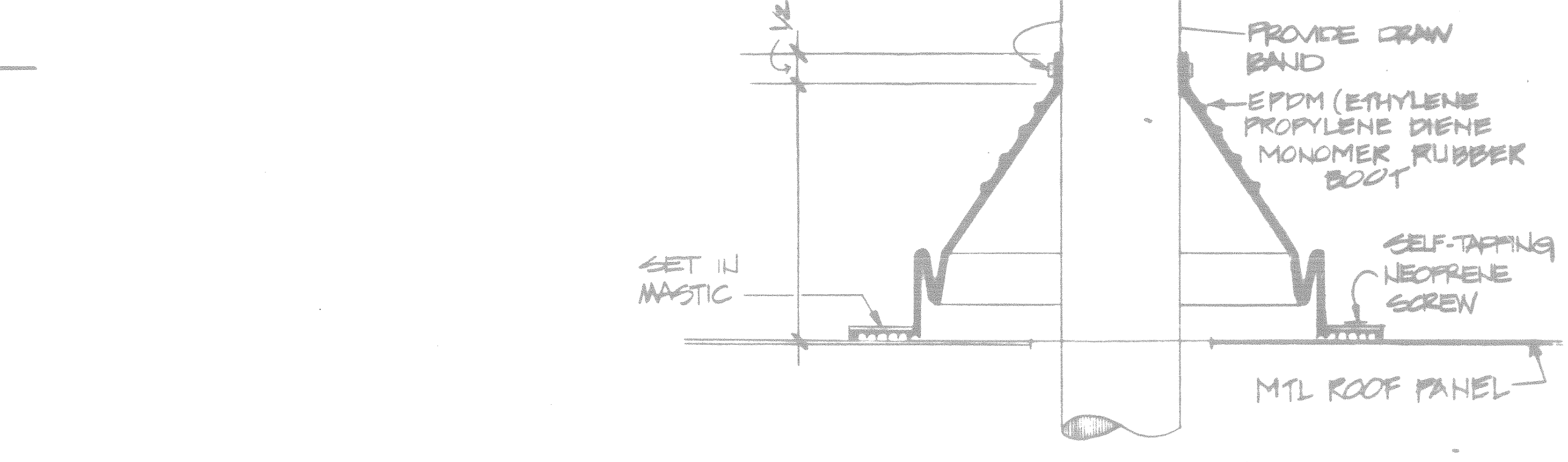
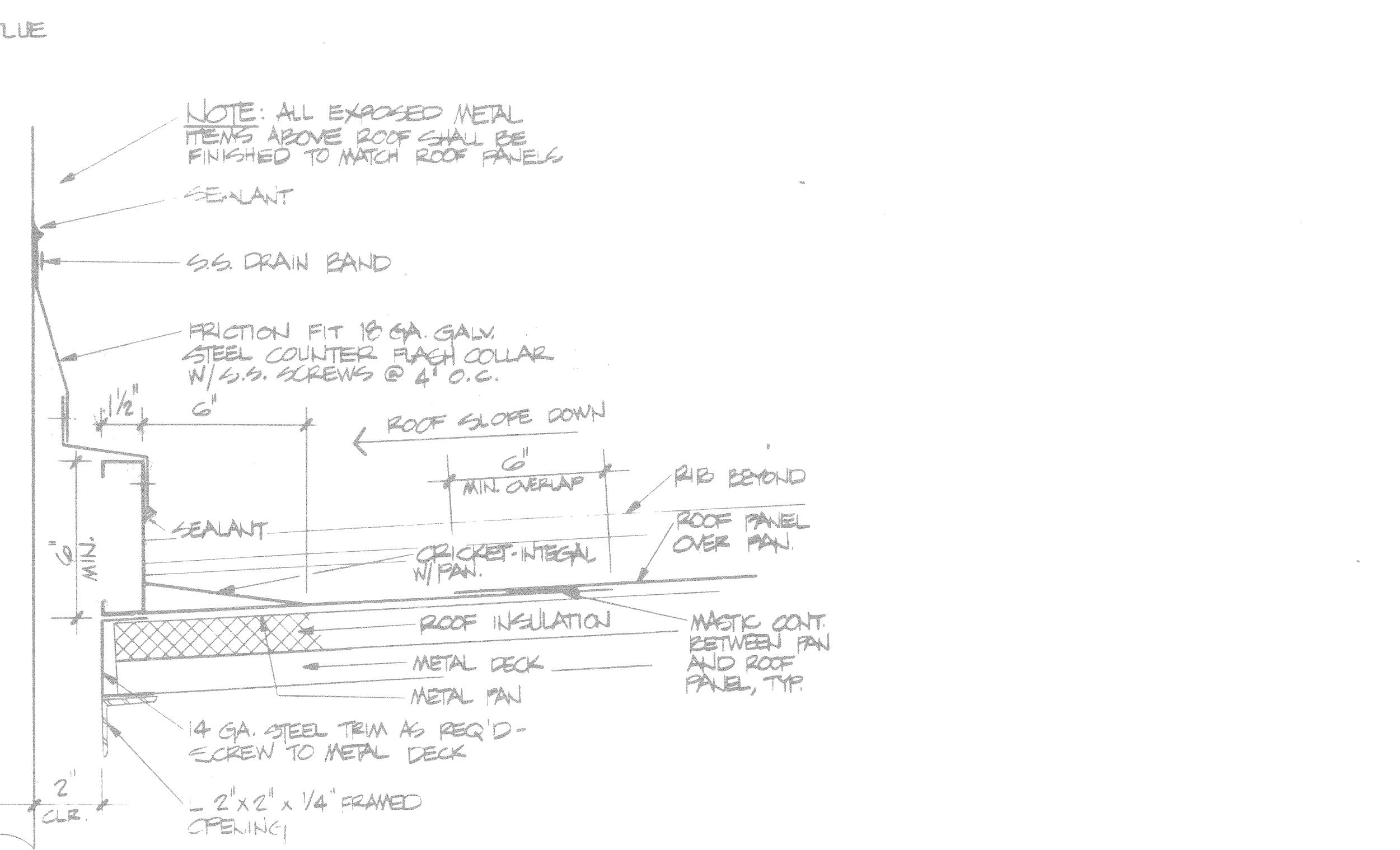
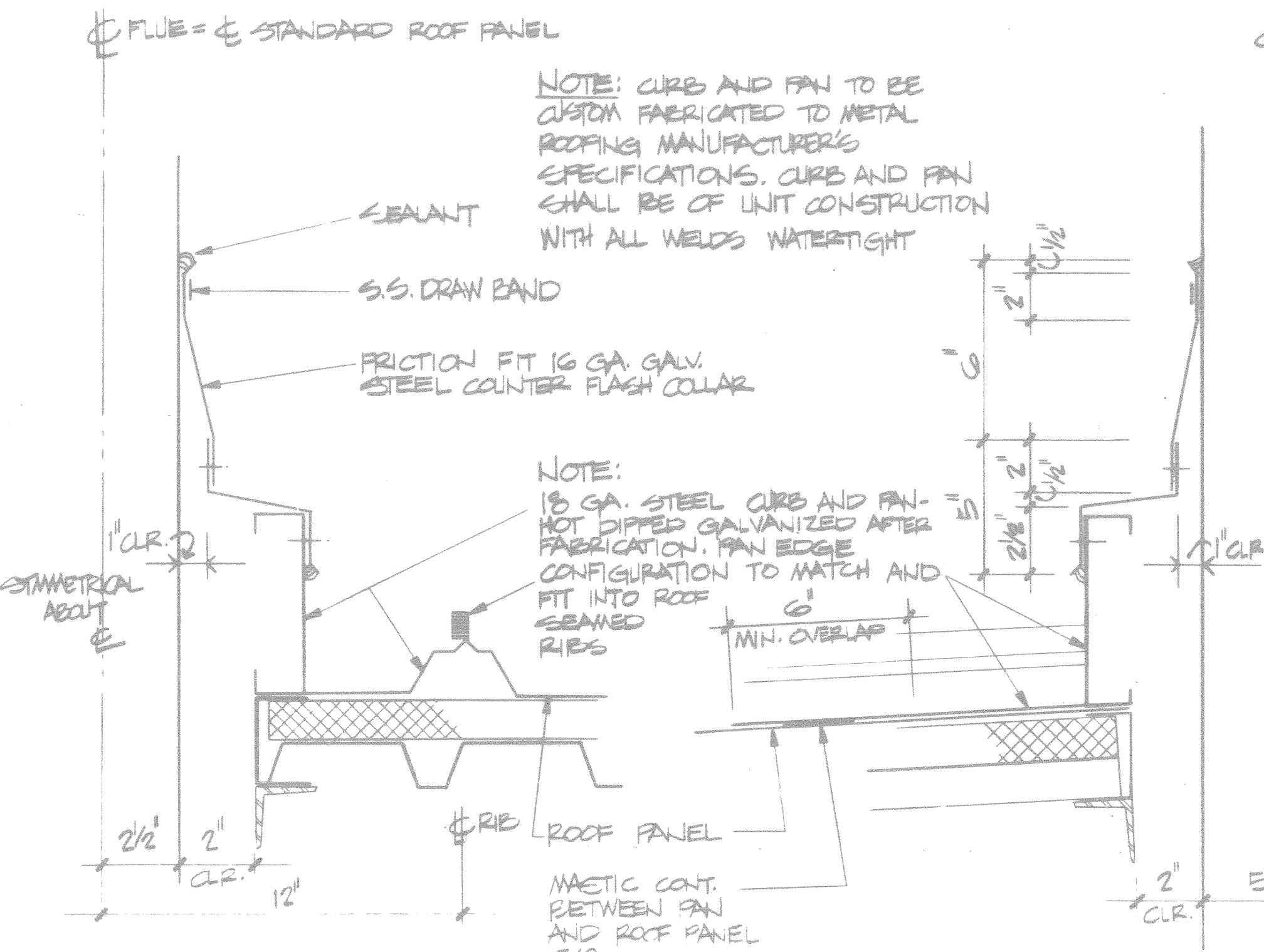
SOL. NO. DCA63-92B-0107 DATED: JUN. 1992  
CONTR. NO. DCA63-92-C-0155  
DRAWING NUMBER: A.40 OF 62  
SEQUENCE NO.: 124





**DETAILS OF PLAQUE @ ENTRY CANOPY**

NOTE: PLAQUE WILL BE AN EXACT COPY OF THE STANDARD FIRE PROTECTION BADGE. THIS BADGE WILL BE SUPPLIED BY THE GOVERNMENT FOR THE CASTING PATTERNS.



**FIRE TRAINING BUILDING**

SCALE: 3/4" INCH = 1 FOOT

SCALE: 1/2" INCH = 1 FOOT

SCALE: 3/8" INCH = 1 FOOT

AM#0001 JUN 92 REVISED TO REFLECT W.I. CHANGES

DESIGNED BY: WALK, HAYDEL & ASSOC. INC. U.S. ARMY ENGINEER DISTRICT, FORT WORTH

ENGINEERS / ARCHITECTS CORPS OF ENGINEERS

NEW ORLEANS MOBILE BATON ROUGE FORT WORTH, TEXAS

GOODFELLOW AIR FORCE BASE SAN ANGELO, TEXAS

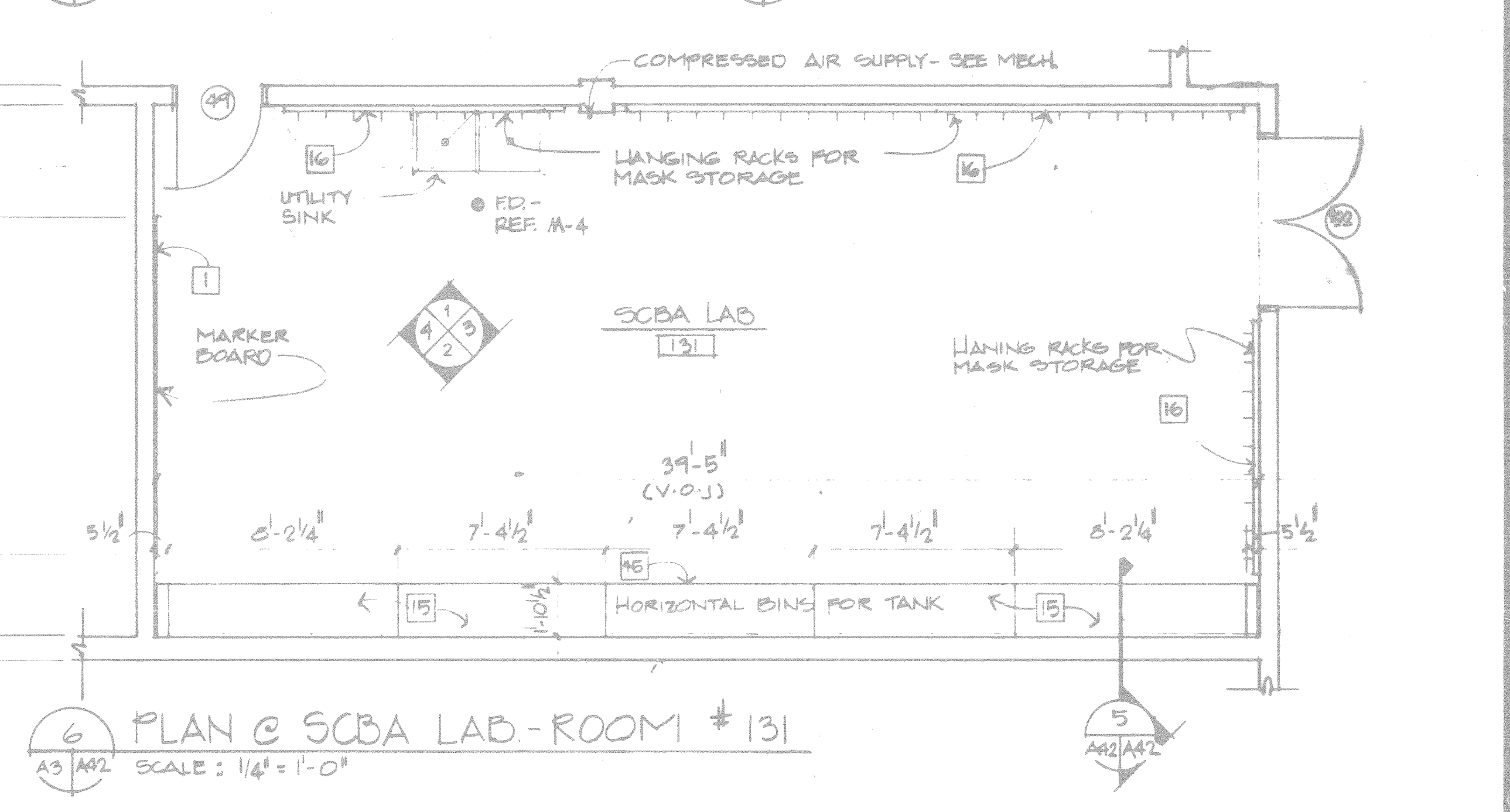
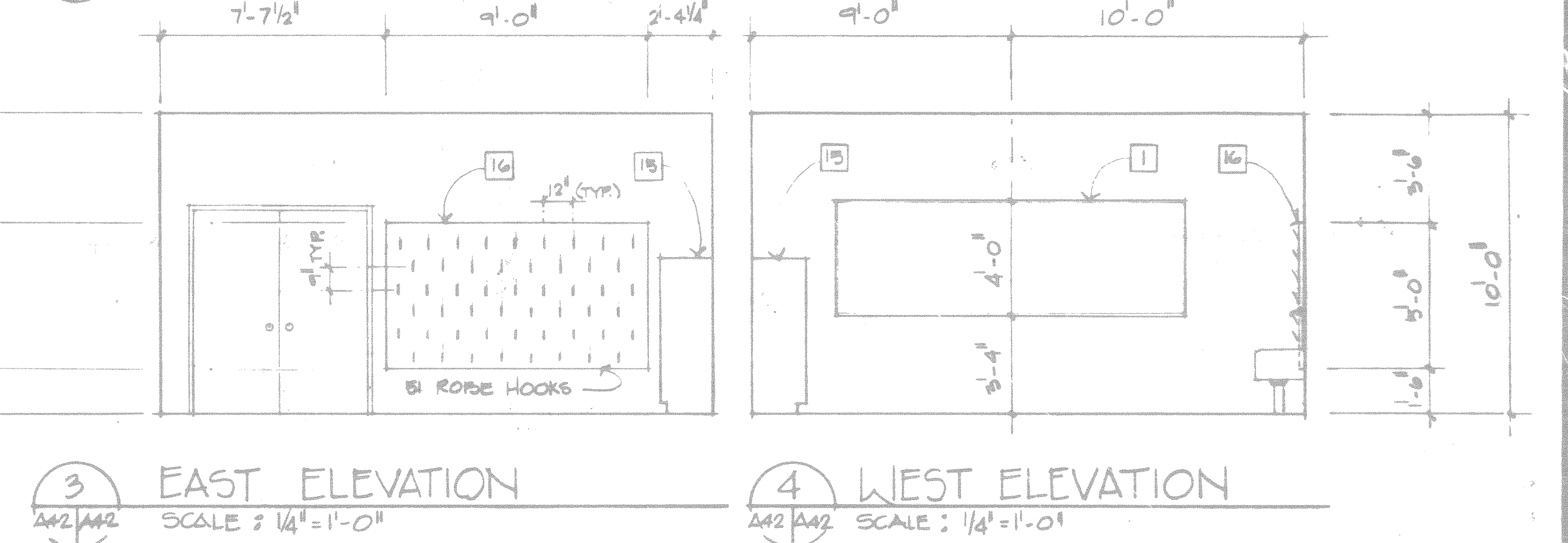
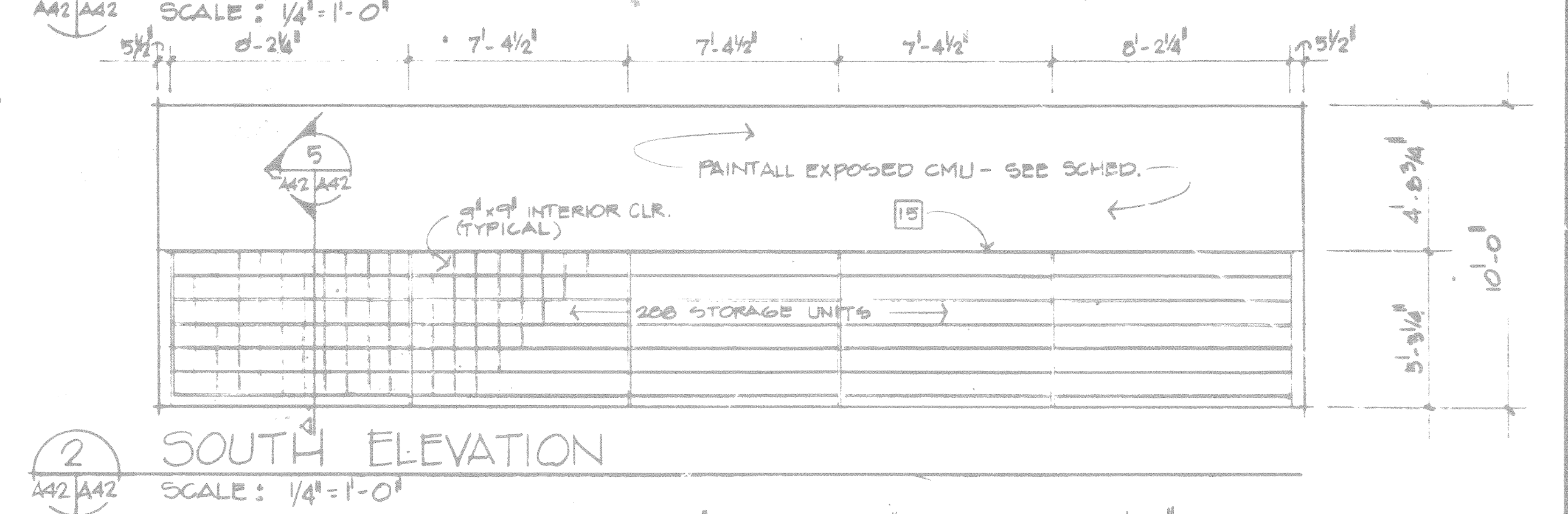
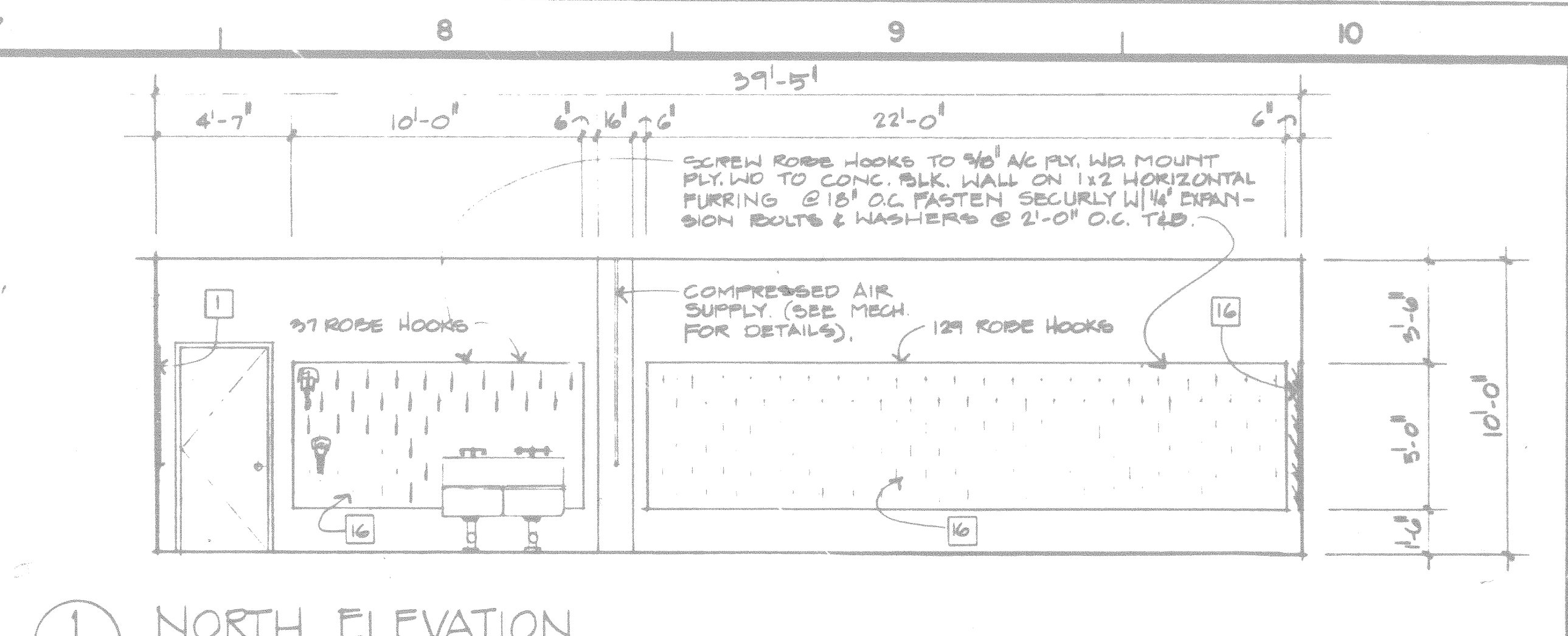
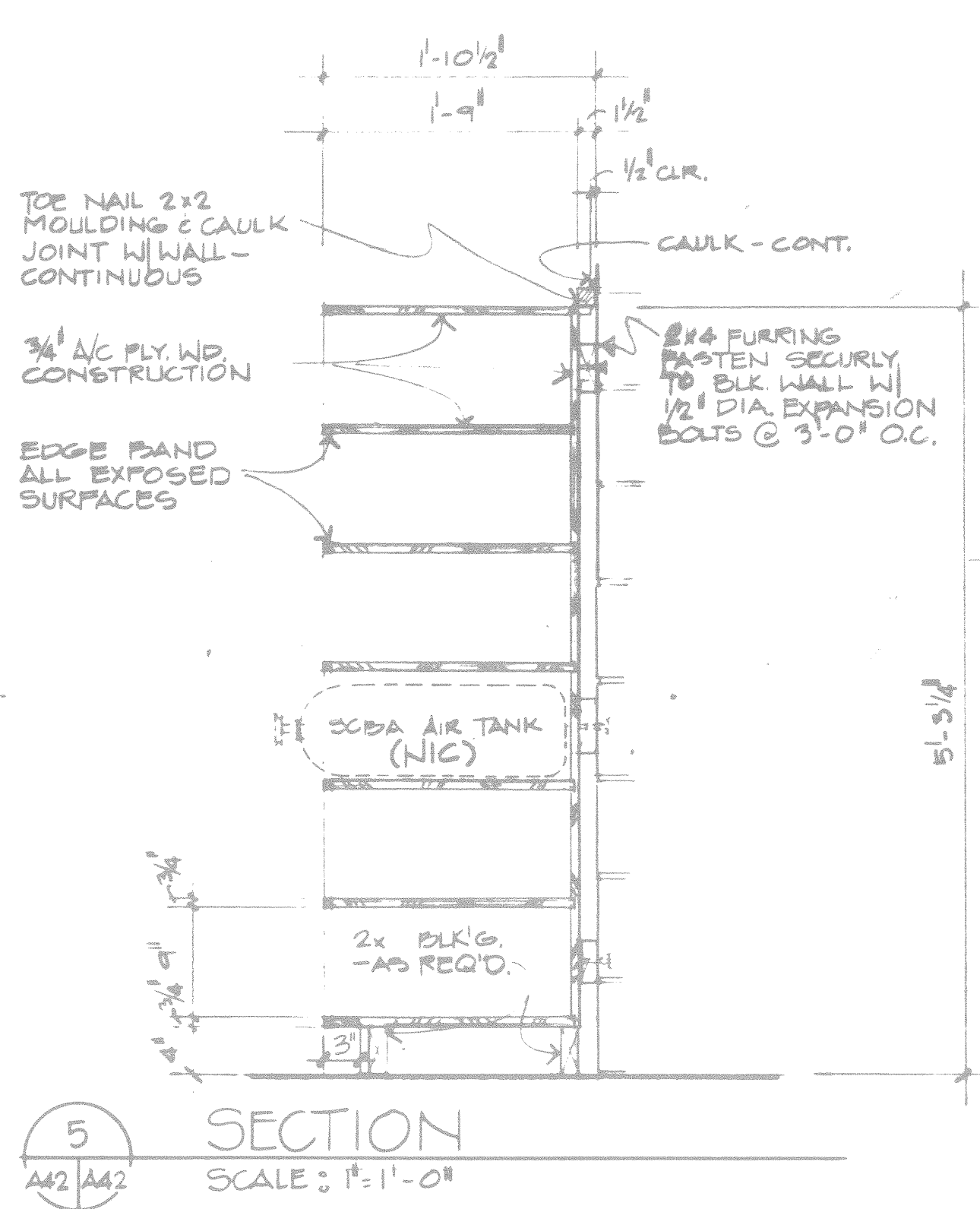
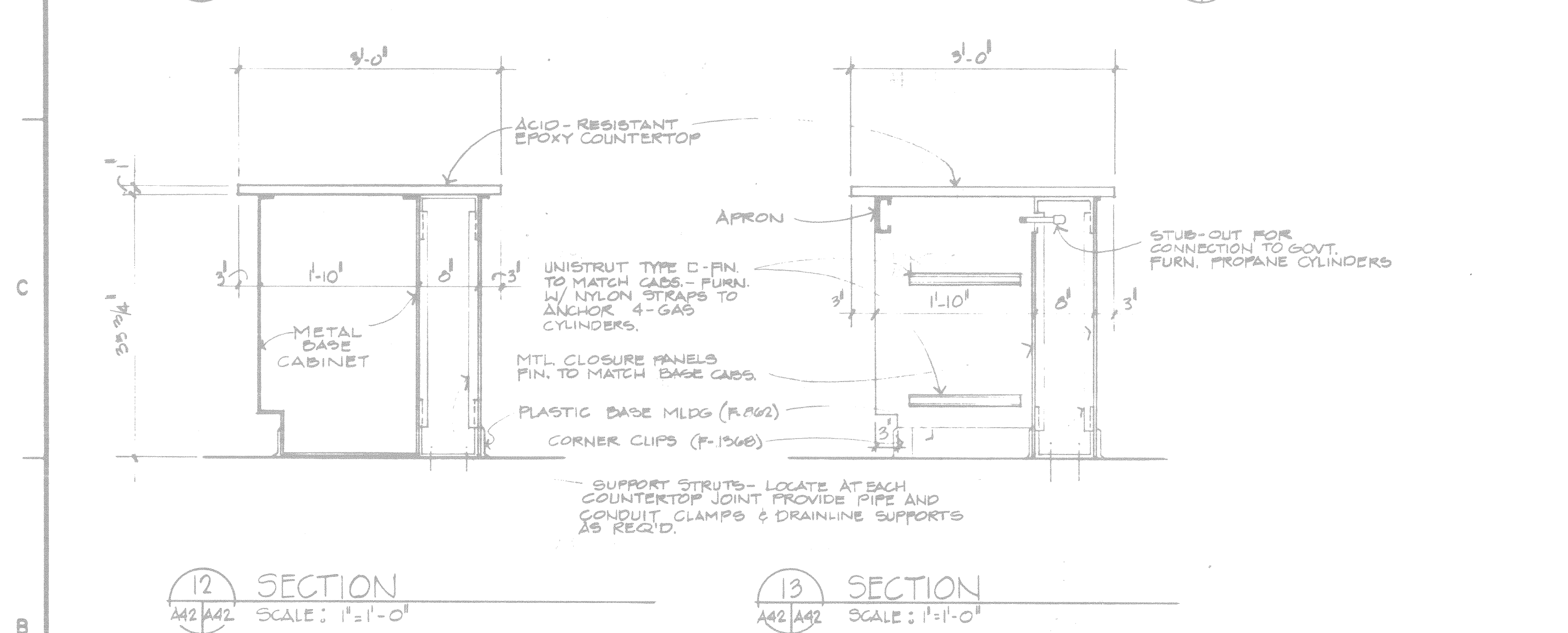
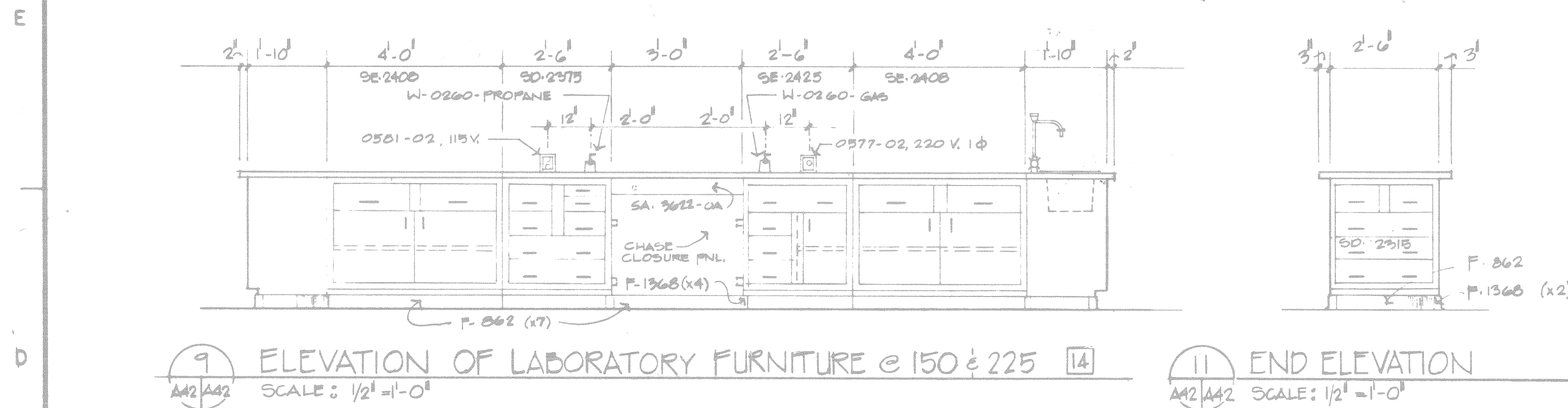
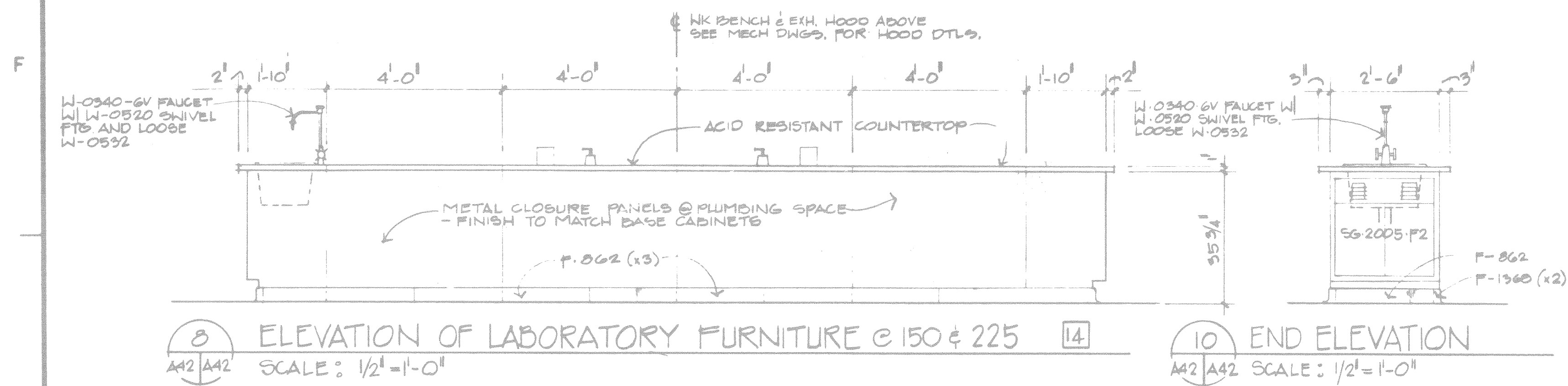
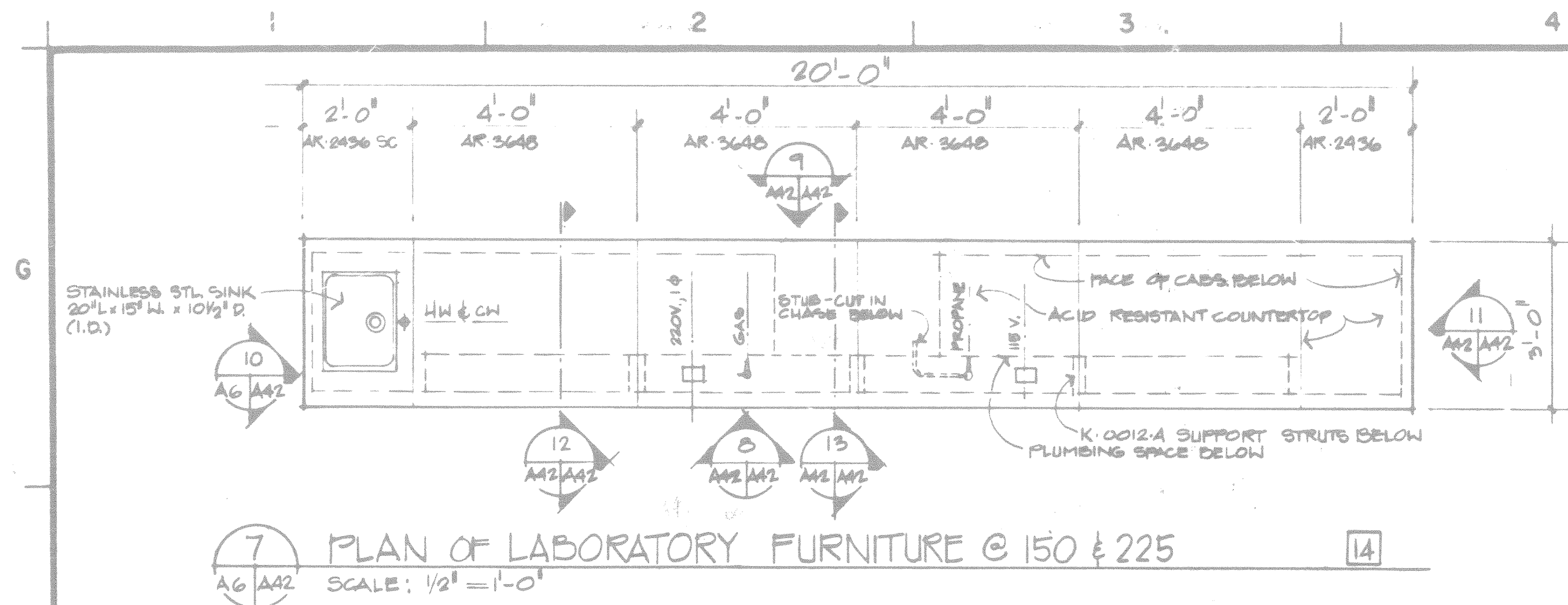
**FIRE TRAINING COMPLEX SIGNAGE & MISC. DETAILS**

(FIRE TRAINING BUILDING)

SOL. NO. DACAG8-92-8-0109 DATED: JUN. 1992

CONTR. NO. DACAG8-92-8-0155

DRAWING NUMBER SHEET NO. 44 OF 62 125



12" 0 5' 10'

SCALE: 1/4 INCH = 1 FOOT

12" 0 1' 2' 3' 4' 5'

SCALE: 1/2 INCH = 1 FOOT

12" 0 1' 2'

SCALE: 1 INCH = 1 FOOT

FIRE TRAINING BUILDING

AM#0001 4 JUN 92 REVISED TO REFLECT W.I. CHANGES

WALK, HAYDEL & ASSOC. INC. U.S. ARMY ENGINEER DISTRICT, FORT WORTH  
ENGINEERS / ARCHITECTS CORPS OF ENGINEERS  
NEW ORLEANS MOBILE BATCH ROUGE FORT WORTH, TEXAS

DESIGNED BY: L.K.

DRAWN BY: A.S.

REVIEWED BY: C.M.

SUBMITTED BY: [Signature]

ENGINEER: [Signature]

GOODFELLOW AIR FORCE BASE  
SAN ANGELO, TEXAS

FIRE TRAINING COMPLEX  
MISC. DETAILS

(FIRE TRAINING BUILDING)

SOL. NO. DACAGS-92-B-0109 DATED: JUN. 1992

CONTR. NO. DACAGS-92-C-0155

DRAWING NUMBER SHEET NO. A-42 OF 62

126

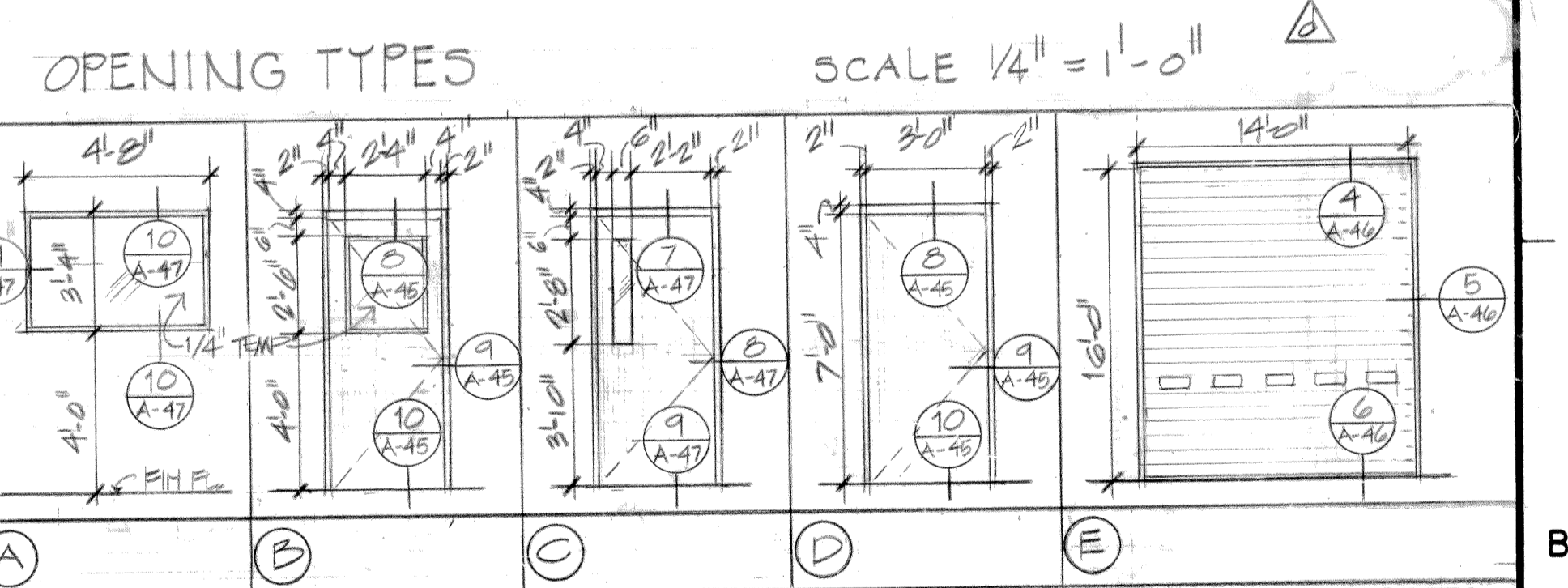
CONTR. NO. DACAGS-92-C-0155

### ROOM MATERIAL SCHEDULE

| ROOM NO. | FLOOR | FINISH   | WALLS |       |      |      |         |            | CEILING |     | REMARKS |        |  |
|----------|-------|----------|-------|-------|------|------|---------|------------|---------|-----|---------|--------|--|
|          |       |          | NORTH | SOUTH | EAST | WEST | CEILING | CEILING II |         |     |         |        |  |
| 101      | 9/2   | N/A      | MP    | FF    | MP   | FF   | MP      | FF         | MP      | FF  | N/A     | VARIES |  |
| 102      | 9/2   | NOT USED |       |       |      |      |         |            |         |     |         |        |  |
| 103      | 9/2   | N/A      | CHI   | P1    | CHI  | P1   | CHI     | P1         | CHI     | N/A | EXP     | VARIES | SEE SEC. DWG. FOR LIMITS OF PAINTING                 |
| 104      | 9/2   | N/A      | CHI   | N/A   | CHI  | N/A  | CHI     | N/A        | CHI     | N/A | EXP     | 10-02  | BALCONY TO RECEIVE VC-1 FLOORING (CERAMIC TILE ONLY) |
| 105      | 9/2   | CHI      | P1    | CHI   | P1   | CHI  | P1      | CHI        | P1      | CHI | N/A     | VARIES |  |
| 106      | 9/2   | CHI      | P1    | CHI   | P1   | CHI  | P1      | CHI        | P1      | CHI | N/A     | VARIES |  |
| 107      | 9/2   | N/A      | CHI   | N/A   | CHI  | N/A  | CHI     | N/A        | CHI     | N/A | EXP     | VARIES |  |
| 108      | 9/2   | CHI      | P7    | CHI   | P7   | CHI  | P7      | CHI        | P7      | CHI | N/A     | VARIES |  |
| 109      | 9/2   | CHI      | CT-3  | CHI   | CT-3 | CHI  | CT-3    | CHI        | CT-3    | CHI | N/A     | VARIES |  |
| 110      | 9/2   | CHI      | P7    | CHI   | P7   | CHI  | P7      | CHI        | P7      | CHI | N/A     | VARIES |  |
| 111      | 9/2   | N/A      | N/A   | N/A   | N/A  | N/A  | N/A     | N/A        | N/A     | N/A | EXP     | VARIES |  |

### OPENING SCHEDULE

| NO. | SIZE            | THICKNESS | TYPE | MATERIAL | HEAD  | JAMB  | SILL  | TRANSOM | RATING | HARDWARE SET | REMARKS                           |
|-----|-----------------|-----------|------|----------|-------|-------|-------|---------|--------|--------------|-----------------------------------|
| 1   | 3'-0" x 7'-0"   | 1 3/4"    | D    | HM       | 7/47  | 8/47  | 9/47  | N/A     | N/A    | N/A          |                                   |
| 2   | NOT USED        |           |      |          |       |       |       |         |        |              |                                   |
| 3   | 3'-0" x 7'-0"   | 1 3/4"    | D    | HM       | 8/45  | 9/45  | 10/45 | N/A     | N/A    | N/A          | 1/2 HR.                           |
| 4   | 3'-0" x 7'-0"   | 1 3/4"    | C    | HM       | 7/47  | 8/47  | 9/47  | N/A     | N/A    | N/A          |                                   |
| 5   | 3'-0" x 7'-0"   | 1 3/4"    | B    | HM       | 8/45  | 9/45  | 10/45 | N/A     | N/A    | N/A          |                                   |
| 6   | 3'-0" x 7'-0"   | 1 3/4"    | D    | HM       | 8/48  | 9/48  | 11/48 | N/A     | N/A    | N/A          |                                   |
| 7   | 3'-0" x 7'-0"   | 1 3/4"    | D    | HM       | 8/45  | 9/45  | 10/45 | N/A     | N/A    | N/A          |                                   |
| 8   | 3'-0" x 7'-0"   | 1 3/4"    | D    | HM       | 8/45  | 9/45  | 10/45 | N/A     | N/A    | N/A          | UNDER CUT DOOR 2" SEE DET. 12/A45 |
| 9   | 2'-4" x 4'-0"   | 1 3/4"    | A    | HM       | 10/47 | 11/47 | 11/47 | N/A     | N/A    | N/A          | HM WINDOW                         |
| 10  | 3'-0" x 7'-0"   | 1 3/4"    | C    | HM       | 7/47  | 8/45  | 9/45  | N/A     | N/A    | N/A          |                                   |
| 11  | NOT USED        |           |      |          |       |       |       |         |        |              |                                   |
| 12  | NOT USED        |           |      |          |       |       |       |         |        |              |                                   |
| 13  | 14'-0" x 16'-0" | BY MFG    | E    | STL      | 4/46  | 5/46  | 6/46  | N/A     | N/A    | N/A          | METL. COILING STL. DOOR           |
| 14  | 14'-0" x 16'-0" | BY MFG    | E    | STL      | 4/46  | 5/46  | 6/46  | N/A     | N/A    | N/A          | METL. COILING STL. DOOR           |
| 15  | 14'-0" x 16'-0" | BY MFG    | E    | STL      | 4/46  | 5/46  | 6/46  | N/A     | N/A    | N/A          | METL. COILING STL. DOOR           |
| 16  | 14'-0" x 16'-0" | BY MFG    | E    | STL      | 4/46  | 5/46  | 6/46  | N/A     | N/A    | N/A          | METL. COILING STL. DOOR           |
| 17  | NOT USED        |           |      |          |       |       |       |         |        |              |                                   |
| 18  | NOT USED        |           |      |          |       |       |       |         |        |              |                                   |
| 19  | 14'-0" x 16'-0" | BY MFG    | E    | STL      | 4/46  | 5/46  | 6/46  | N/A     | N/A    | N/A          | METL. COILING STL. DOOR           |
| 20  | 14'-0" x 16'-0" | BY MFG    | E    | STL      | 4/46  | 5/46  | 6/46  | N/A     | N/A    | N/A          | METL. COILING STL. DOOR           |
| 21  | 14'-0" x 16'-0" | BY MFG    | E    | STL      | 4/46  | 5/46  | 6/46  | N/A     | N/A    | N/A          | METL. COILING STL. DOOR           |
| 22  | 14'-0" x 16'-0" | BY MFG    | E    | STL      | 4/46  | 5/46  | 6/46  | N/A     | N/A    | N/A          | METL. COILING STL. DOOR           |



### REVISIONS

| NO. | DATE             | DESCRIPTION OF REVISION              |
|-----|------------------|--------------------------------------|
| 1   | AM*0004 10/24/92 | DELETE FUEL BATS. REVISE DIMENSIONS. |
| 2   | AM*0001 4/JUN.92 | REVISED TO REFLECT V.I. CHANGES.     |

SCALE: 1/4" INCH = 1 FOOT

WALK, HAYDEL & ASSOC. INC.  
ENGINEERS / ARCHITECTS  
NEW ORLEANS MOBILE BATON ROUGE

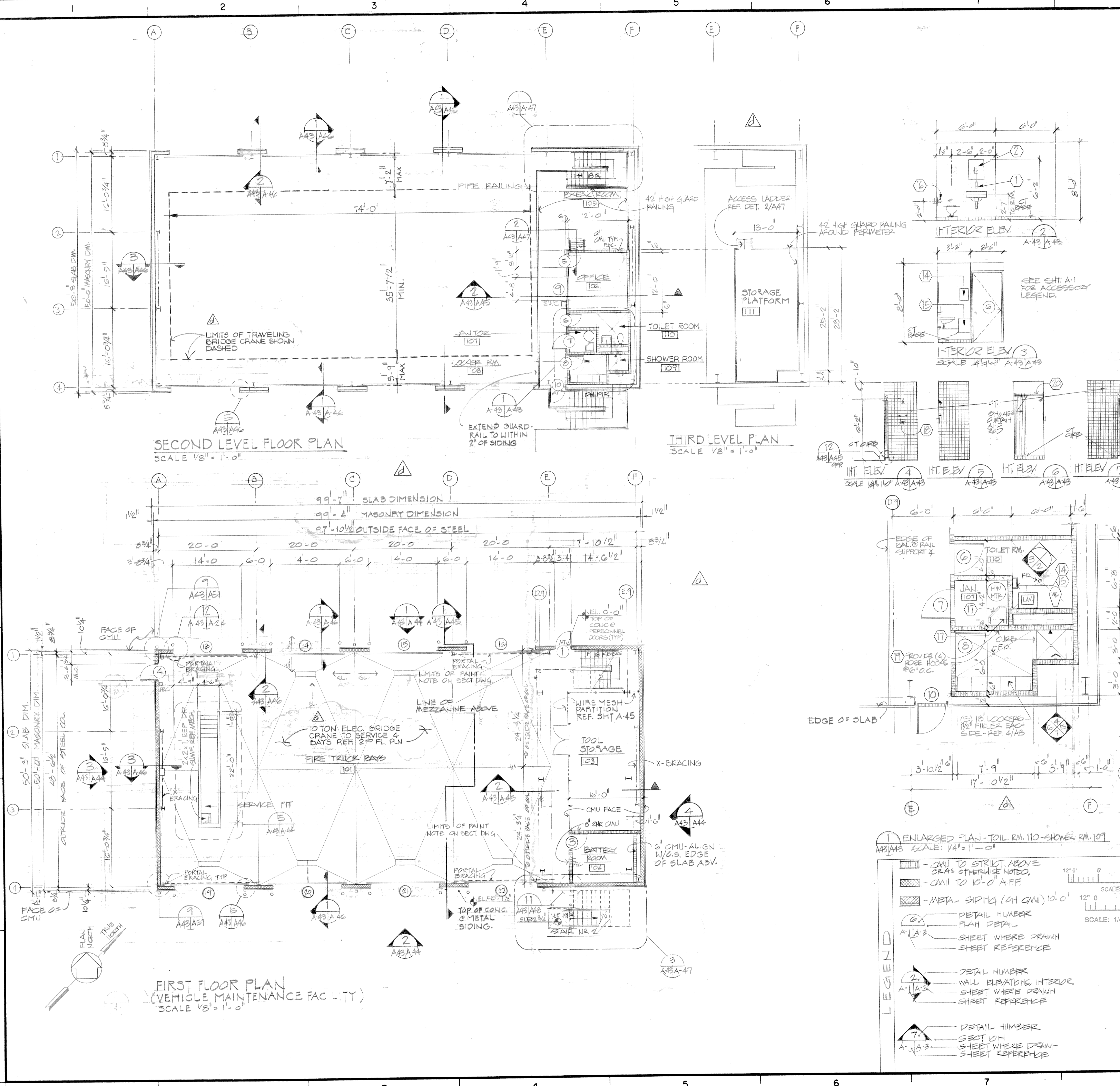
U.S. ARMY ENGINEER DISTRICT, FORT WORTH  
CORPS OF ENGINEERS  
FORT WORTH, TEXAS

DESIGNED BY: LB  
DRAWN BY: AS/VS  
REVIEWED BY: CM  
SUBMITTED BY: [Signature] 12/4/92

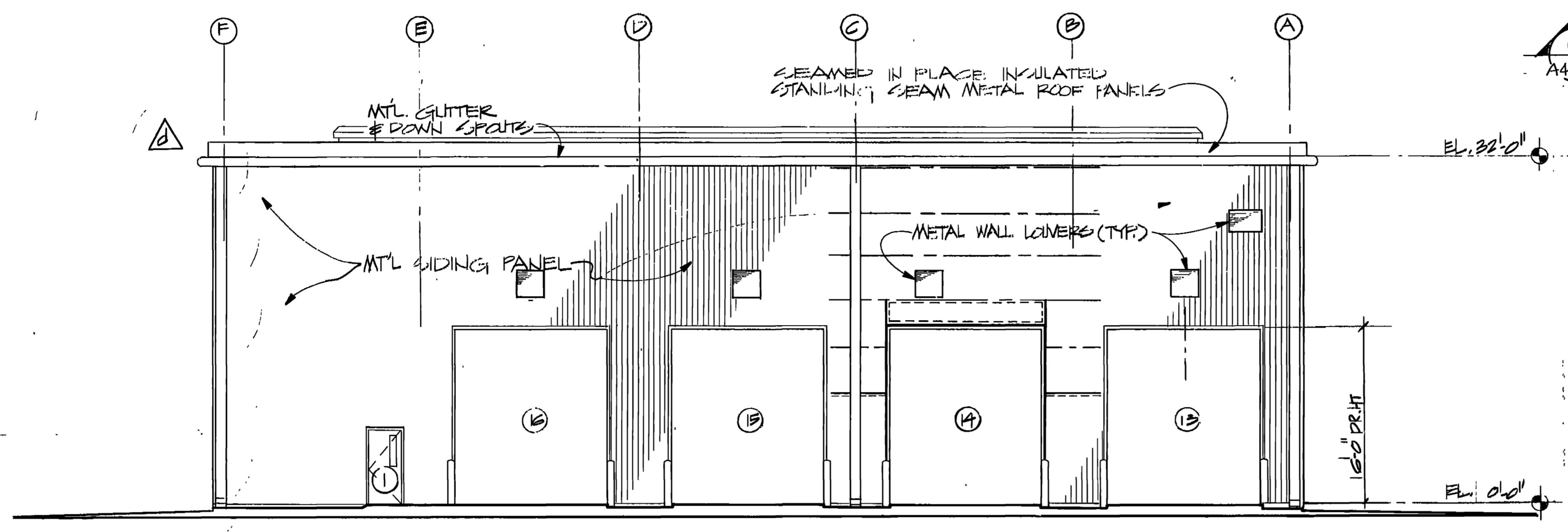
GOODFELLOW AIR FORCE BASE  
SAN ANGELO, TEXAS

**FIRE TRAINING COMPLEX**  
1/8 FLOOR, SCHEDULES AND MISC. DETAILS  
(VEHICLE MAINTENANCE FACILITY)

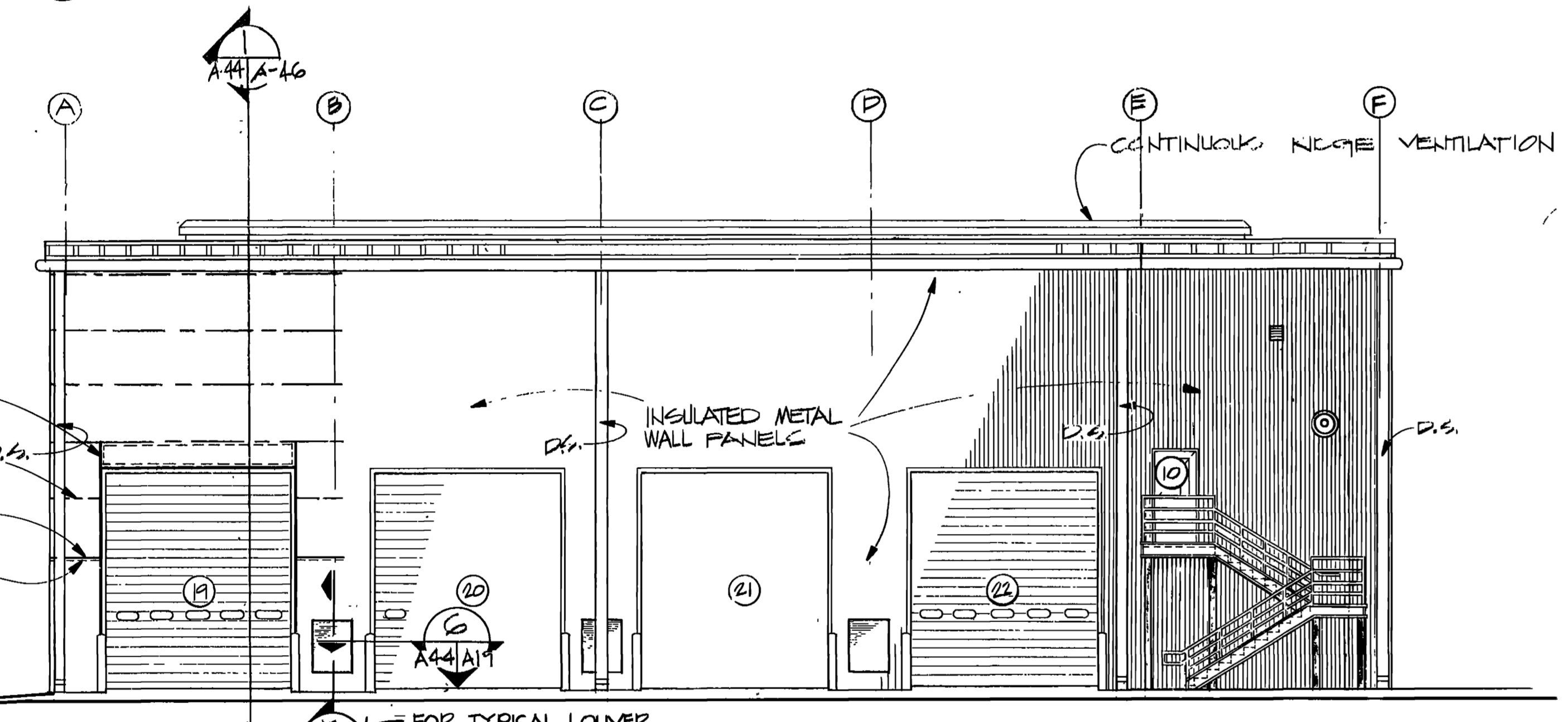
SOL. NO. DACAG5-92B-0109 DATED: JUN, 1992  
CONTR. NO. DACAG5-92-C-0155  
DRAWING NUMBER: A45 OF 222  
SEQUENCE NO. 127



CONTR. NO. DACAG5-92-C-0155

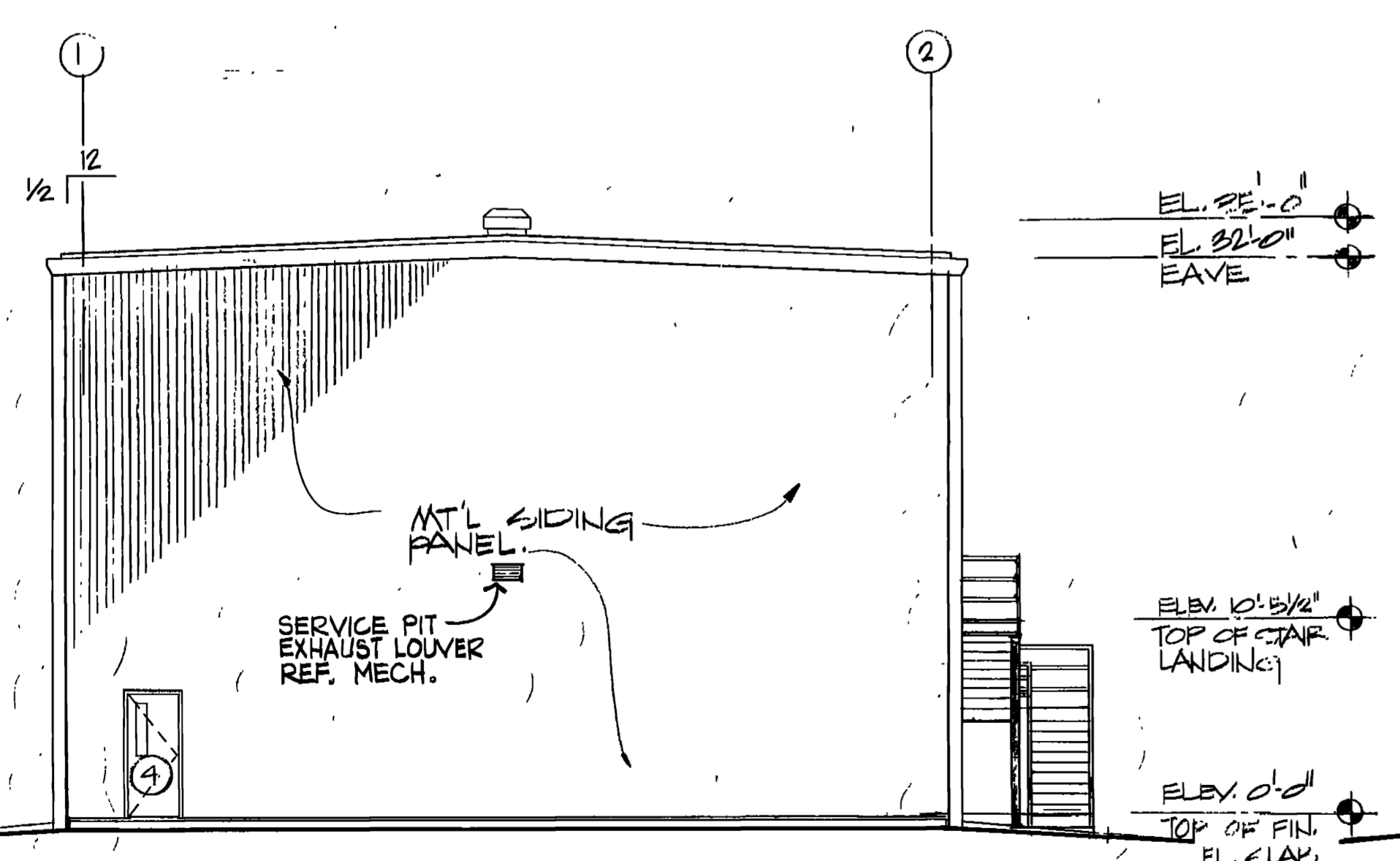


1 NORTH ELEVATION  
A44/A44 SCALE: 1/8" = 1'-0"

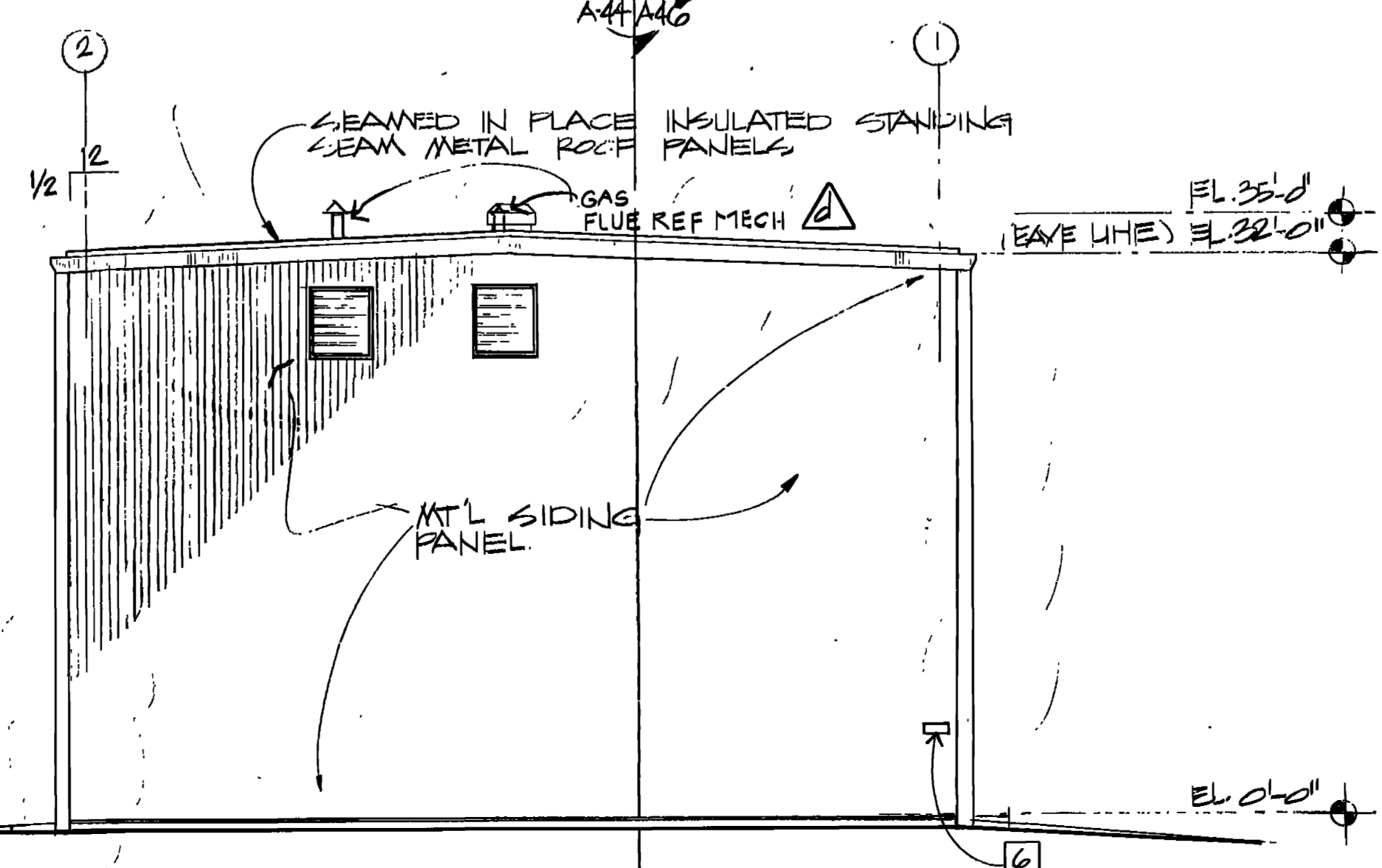


2 SOUTH ELEVATION  
A44/A44 SCALE: 1/8" = 1'-0"

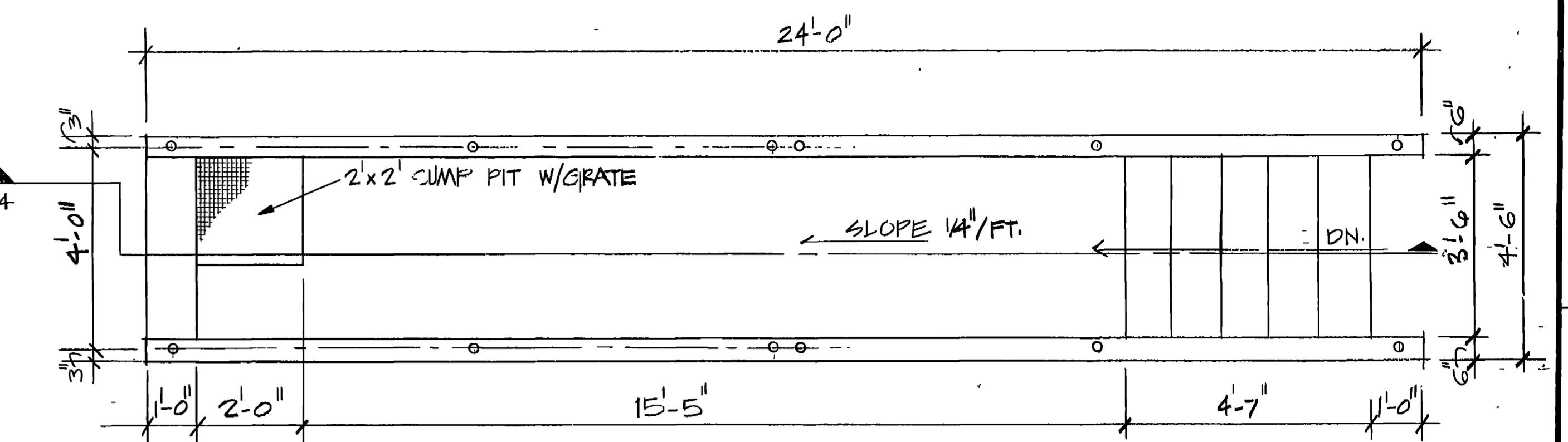
NOTE:  
FOR LOUVER DETAILS REFERENCE  
DETAILS 3, 4, 5, 6 ON SHEET A-11



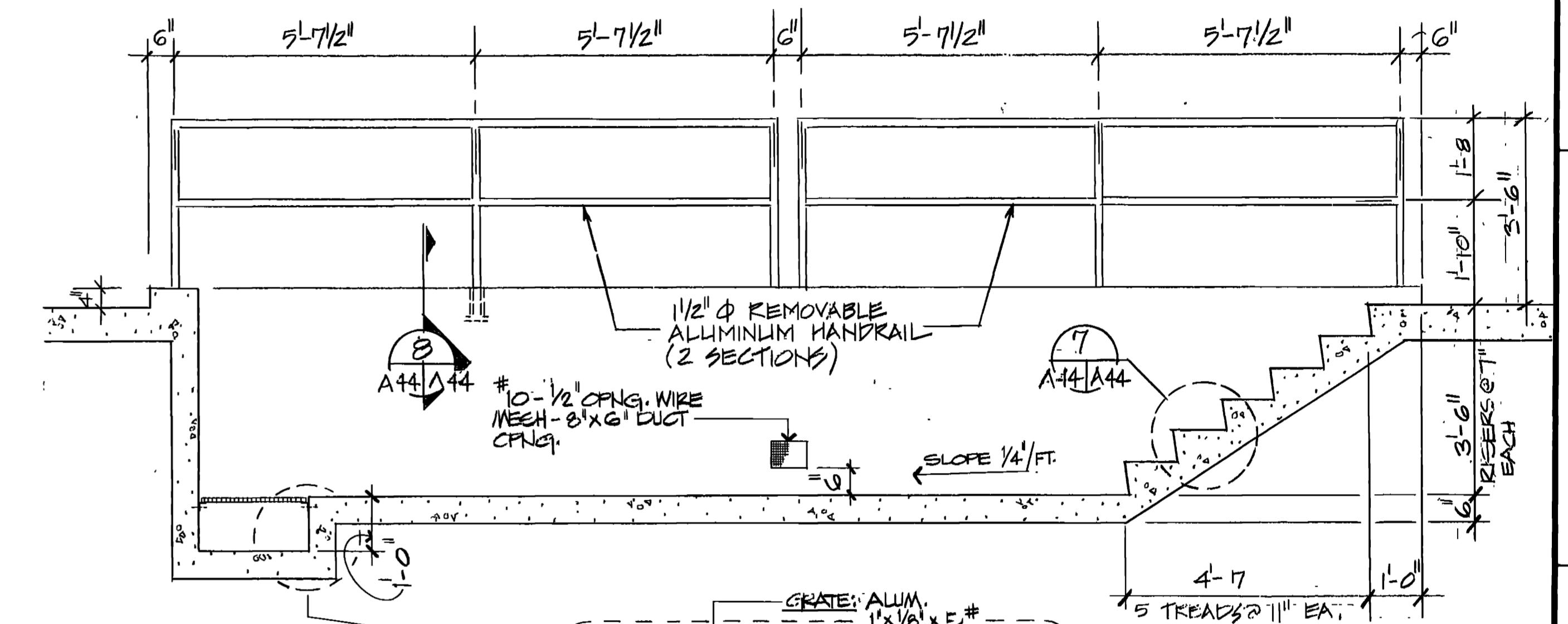
3 WEST ELEVATION  
A44/A44 SCALE: 1/8" = 1'-0"



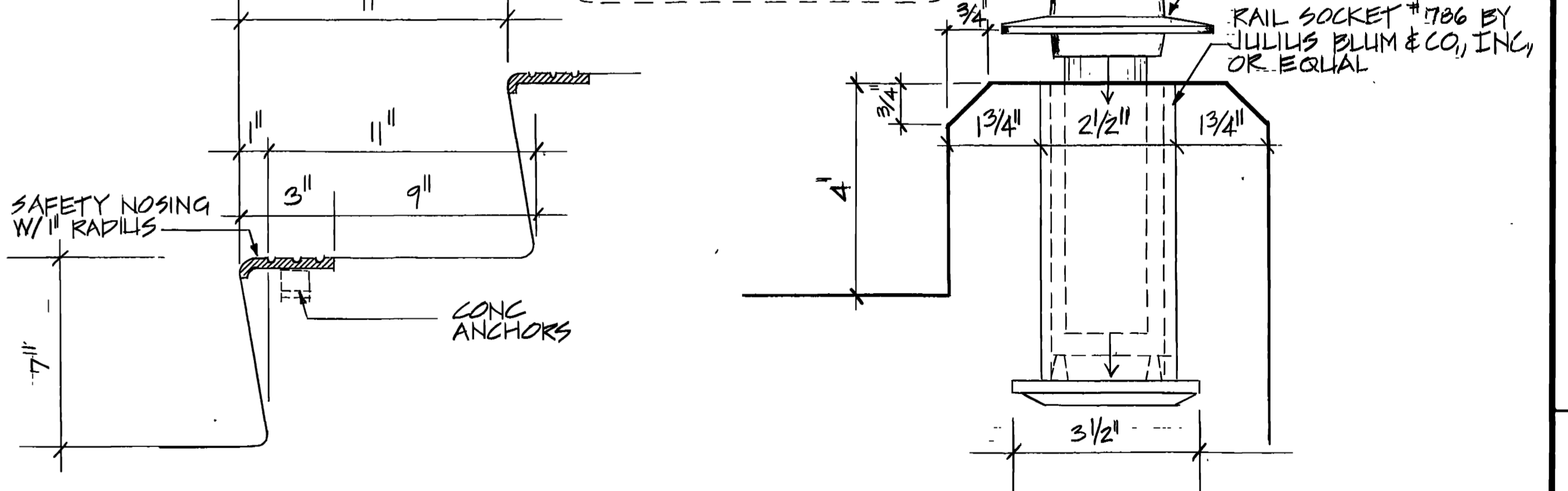
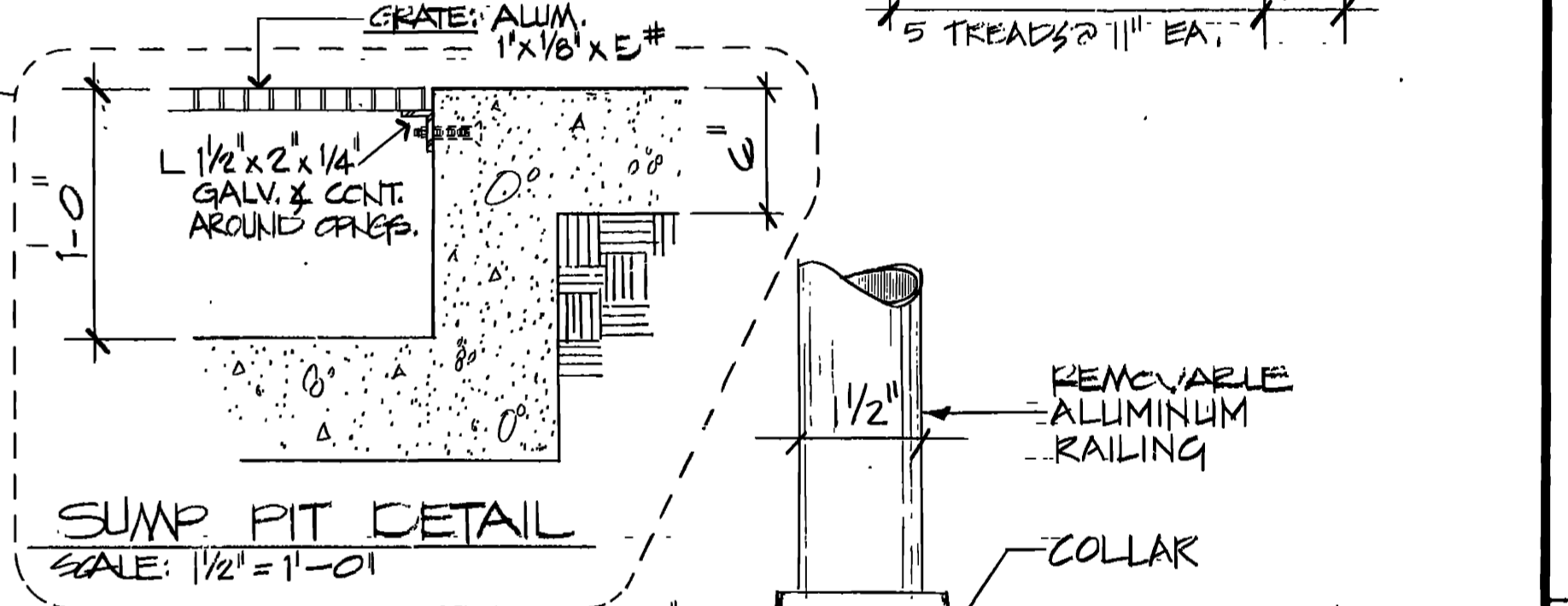
4 EAST ELEVATION  
A44/A44 SCALE: 1/8" = 1'-0"



5 PLAN OF VEHICLE MAINTENANCE PIT  
A44/A44 SCALE 1/2" = 1'-0"

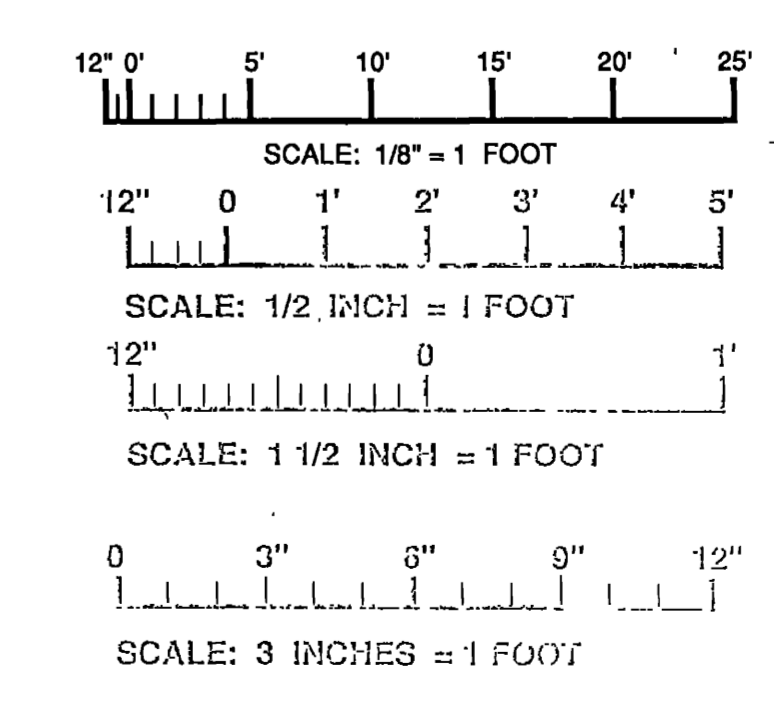


6 SECTION THRU PIT  
A44/A44 SCALE 1/2" = 1'-0"

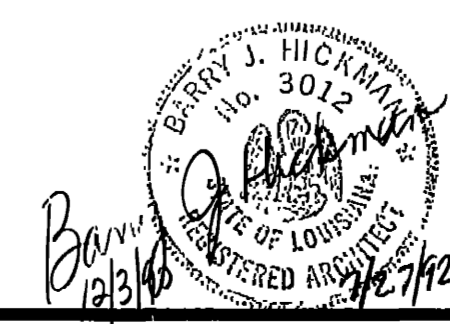


7 DETAIL CONCRETE TREAD  
A44/A44 SCALE 3" = 1'-0"

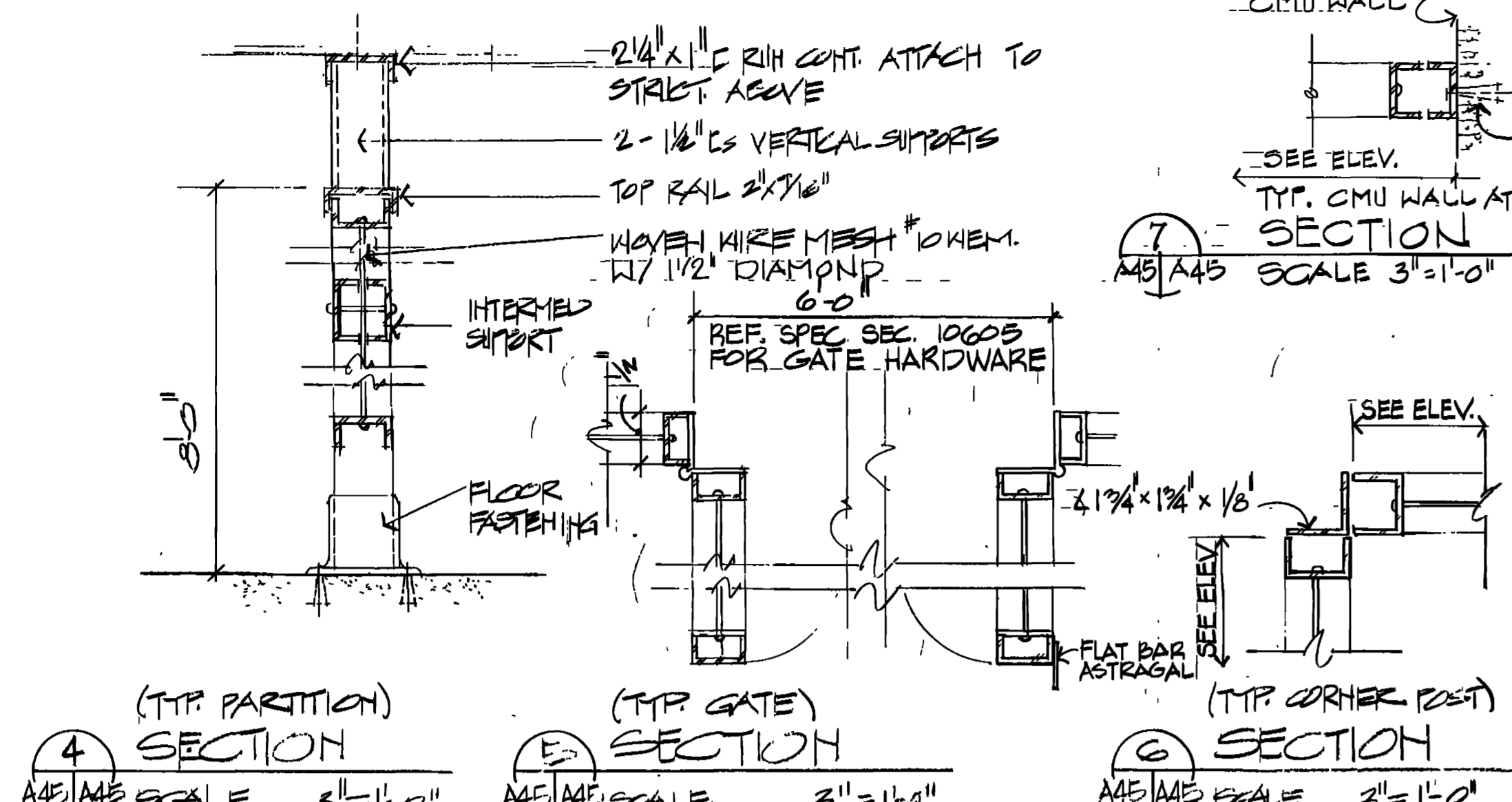
8 DETAIL OF REMOVABLE RAIL SOCKET  
A44/A44 SCALE 1/2" = 1'-0"



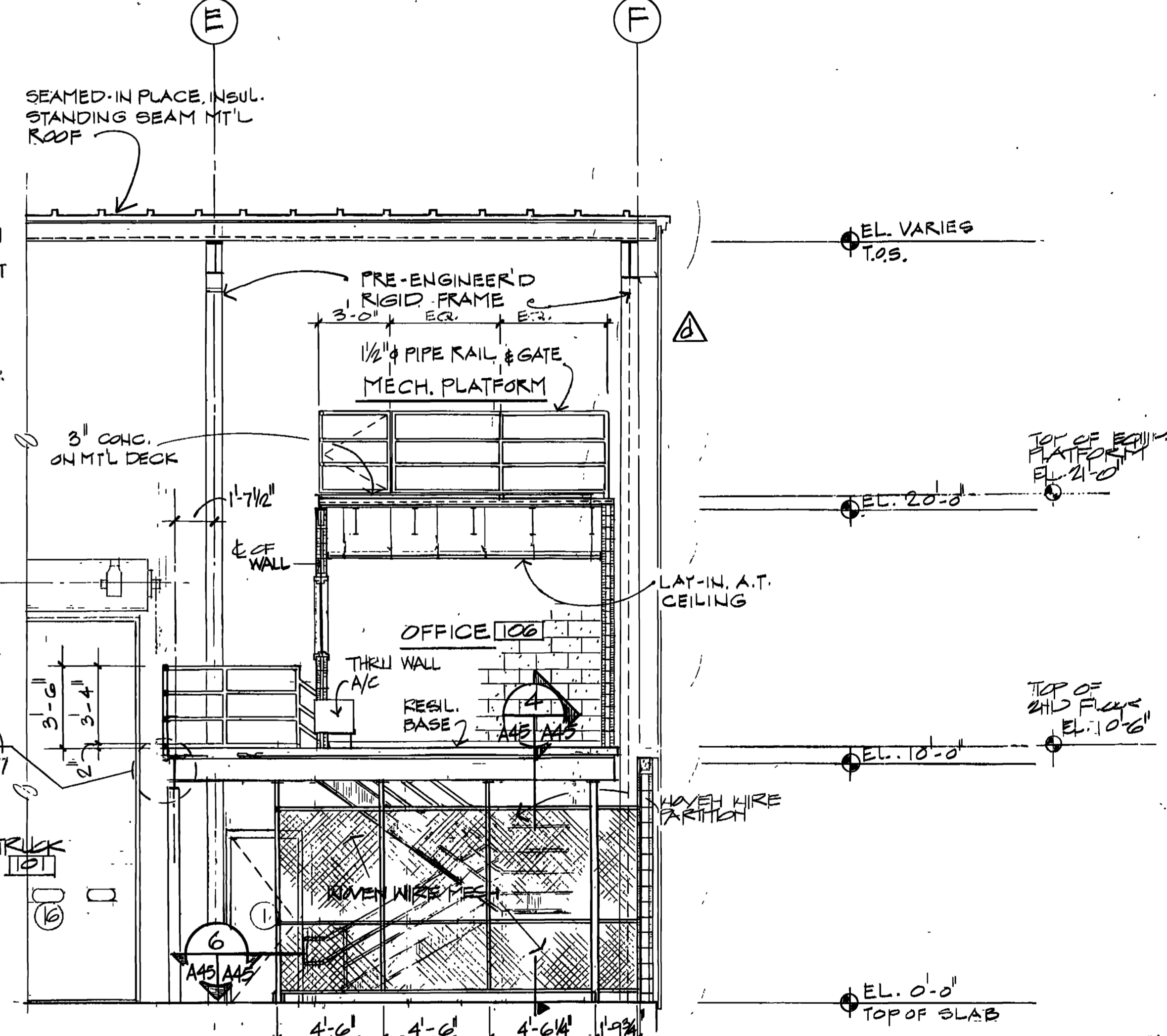
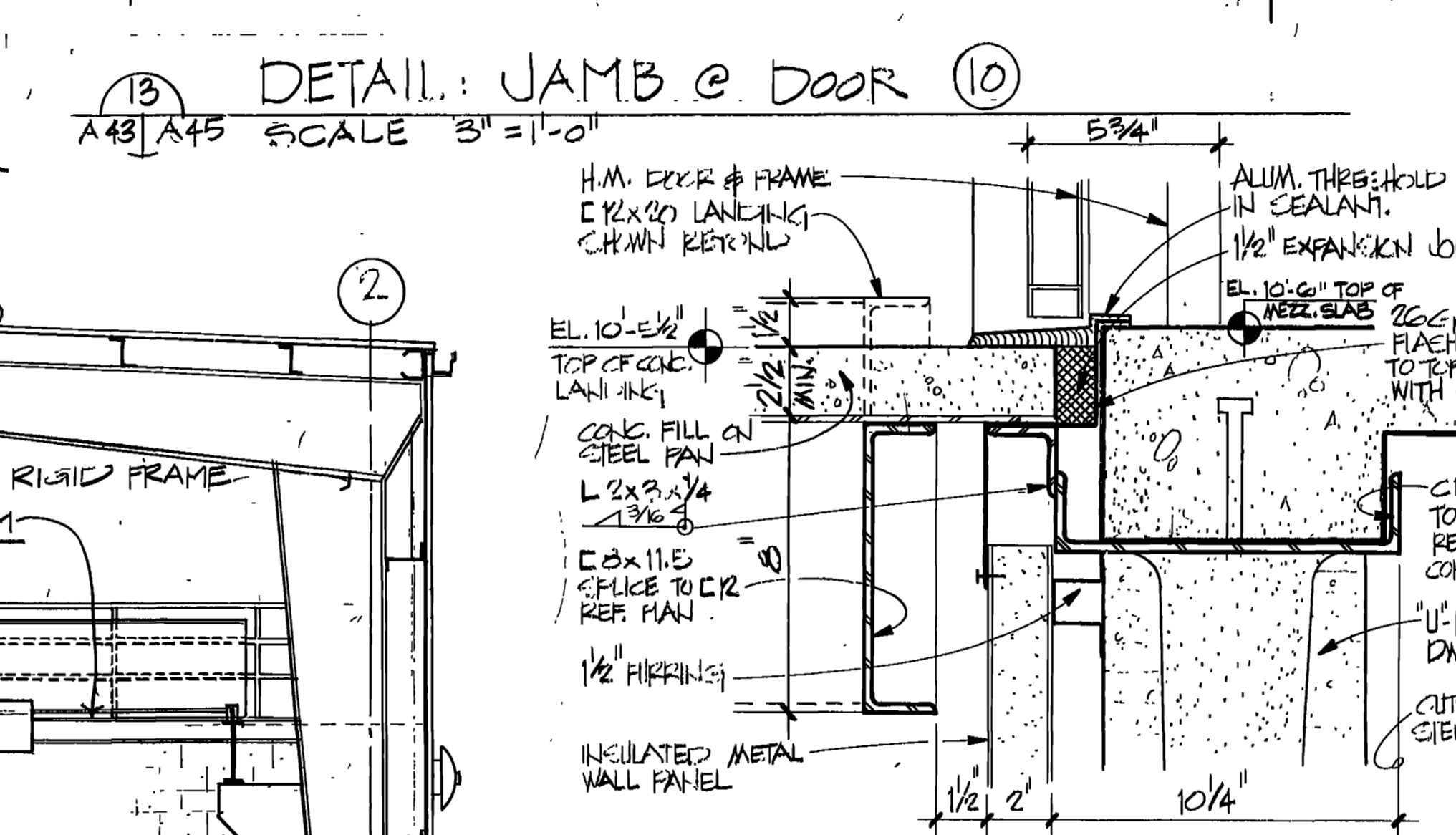
| VEHICLE MAINTENANCE FACILITY |           |   |  |
|------------------------------|-----------|---|--|
| NO.                          | DATE      | DESCRIPTION OF REVISION                   |  |
| AM2004                       | 3/16/92   | DELETE FUEL BAYS AND CMU FIRE WALL.       |  |
| AM*001                       | 4 JUN. 92 | REVISED TO REFLECT W.I. CHANGES.          |  |
| DESIGNED BY:                 |           | WALK, HAYDEL & ASSOC. INC.                |  |
| DRAWN BY:                    |           | ENGINEERS / ARCHITECTS                    |  |
| REVIEWED BY:                 |           | NEW ORLEANS MOBILE BATON ROUGE            |  |
| SUBMITTED BY:                |           | GOODFELLOW AIR FORCE BASE                 |  |
| DATE:                        |           | SAN ANGELO, TEXAS                         |  |
| DRAWN BY:                    |           | <b>FIRE TRAINING COMPLEX</b>              |  |
| REVIEWED BY:                 |           | EXTERICK ELEVATIONS                       |  |
| SUBMITTED BY:                |           | (VEHICLE MAINTENANCE FACILITY)            |  |
| DATE:                        |           | SOL. NO. DACA63-92-B-010 DATED: JUN. 1992 |  |
| ENGINEER:                    |           | CONTR. NO. DACA63-92-C-0155               |  |
| DRAWING NUMBER:              |           | SHEET NO. A44 top 62                      |  |
| SEQUENCE NO.:                |           | 128                                       |  |



CONTR. NO. DACA63-92-C-0155

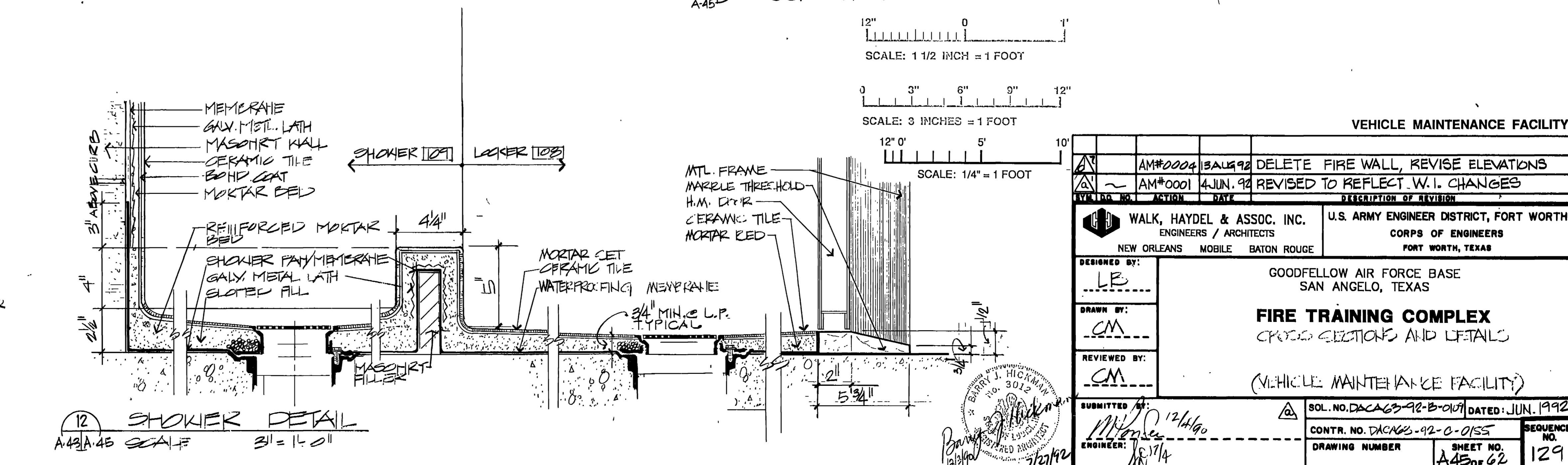
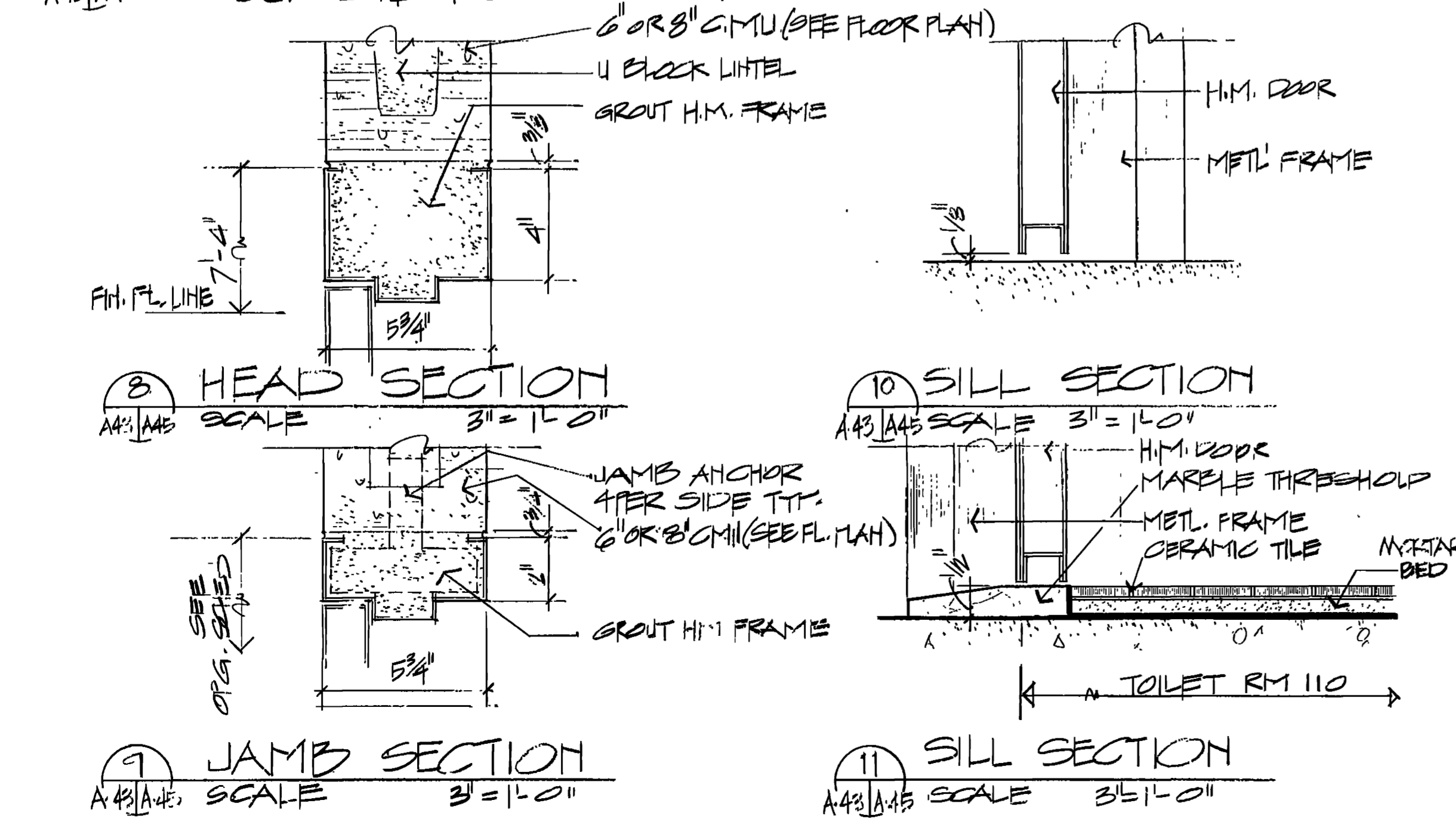


TYPICAL WOVEN WIRE MESH DETAILS  
REF SPEC. SECTION 10605

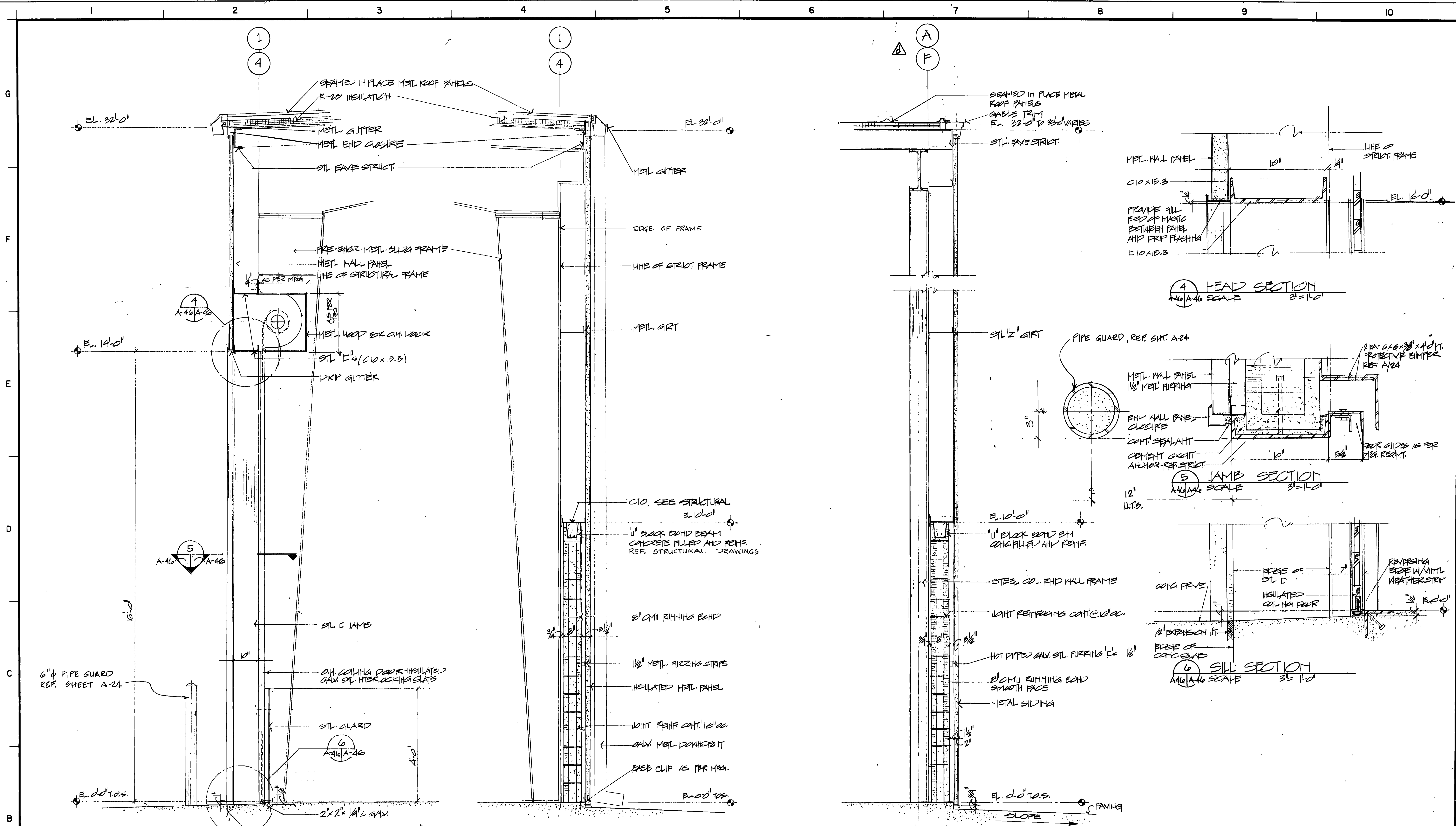


CROSS SECTION VEHICLE MAINTENANCE FACILITY  
SCALE 1/4" = 1'-0"

CROSS SECTION VEHICLE MAINTENANCE FACILITY  
SCALE 1/4" = 1'-0"



| VEHICLE MAINTENANCE FACILITY |  |  |                  |
|------------------------------|--|--|------------------|
| AM*0004                      | 18 JUN 92  | DELETE FIRE WALL, REVISE ELEVATIONS  |                  |
| AM*0001                      | 4 JUN 92   | REVISED TO REFLECT W.I. CHANGES  |                  |
| DESIGNED BY                  | WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS |                  |
| DESIGNED BY                  | LB   | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS                                     |                  |
| DRAWN BY                     | CM   | <b>FIRE TRAINING COMPLEX</b><br>CROSS SECTIONS AND DETAILS                         |                  |
| REVIEWED BY                  | CM   | (VEHICLE MAINTENANCE FACILITY)   |                  |
| SUBMITTED BY                 | MJ   | SOL. NO. DAC6092-B-0171 DATED: JUN. 1992   |                  |
| ENGINEER                     | JR   | CONTR. NO. DAC6092-C-0155  | SEQUENCE NO. 129 |
|                              |  | DRAWING NUMBER   | SHEET NO. A45062 |



1 WALL SECTION - SIDEWALL AT O.H. DOOR  
 A-43/A-46 SCALE 3/4" = 1'-0"

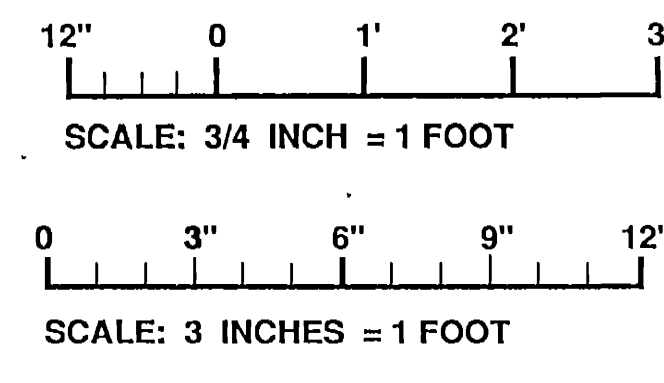
2 WALL SECTION - SIDEWALL  
 A-43/A-46 SCALE 3/4" = 1'-0"

3 WALL SECTION - ENDWALL  
 A-43/A-46 SCALE 3/4" = 1'-0"

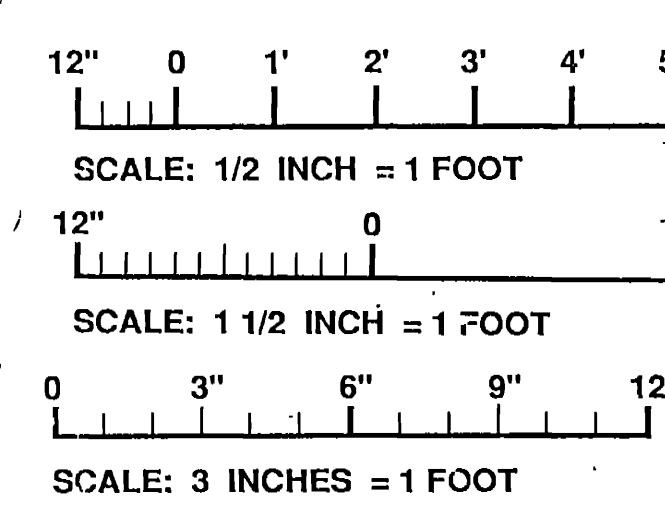
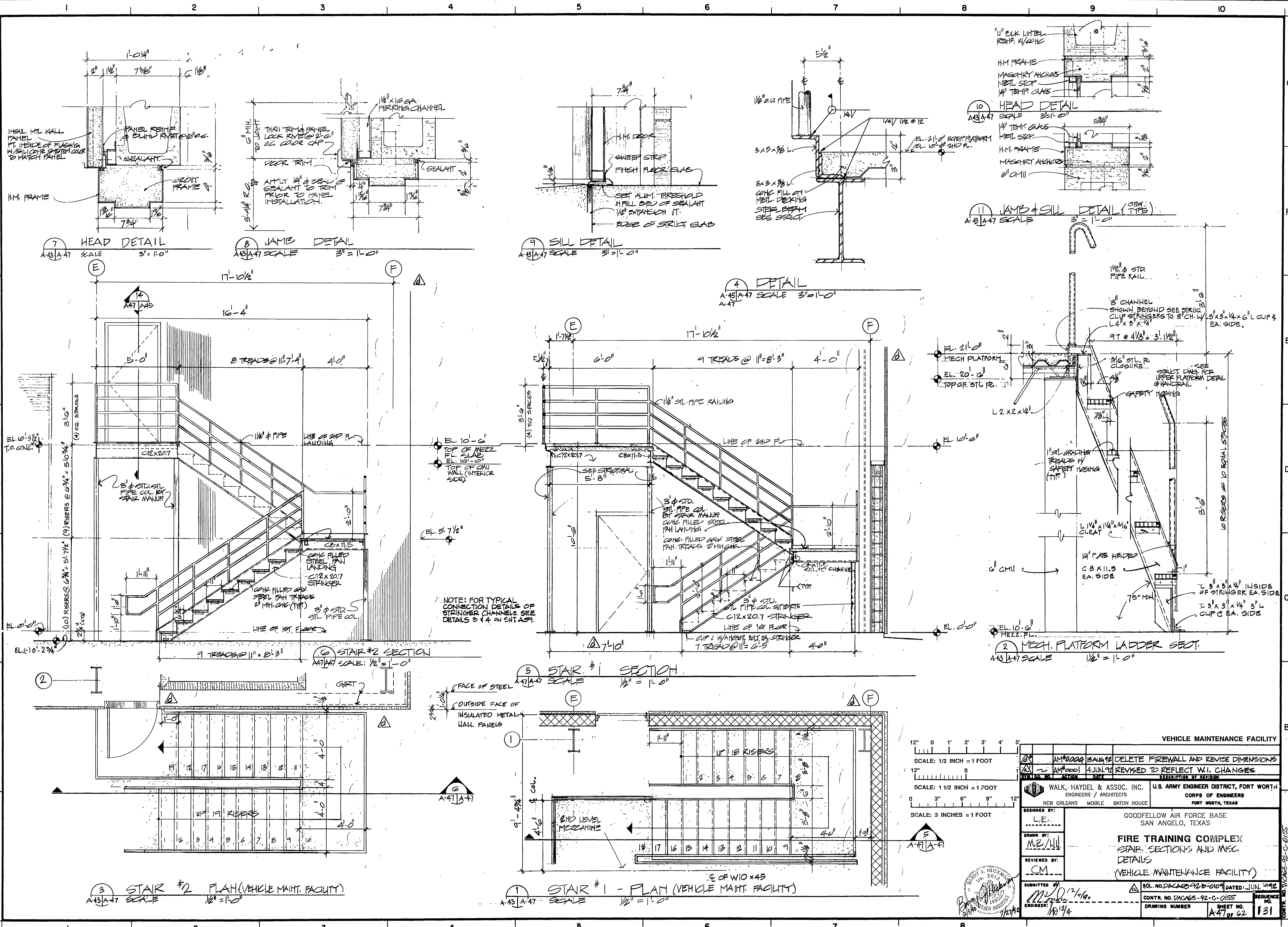
4 HEAD SECTION  
 A-40/A-46 SCALE 3/4" = 1'-0"

5 JAMB SECTION  
 A-40/A-46 SCALE 3/4" = 1'-0"

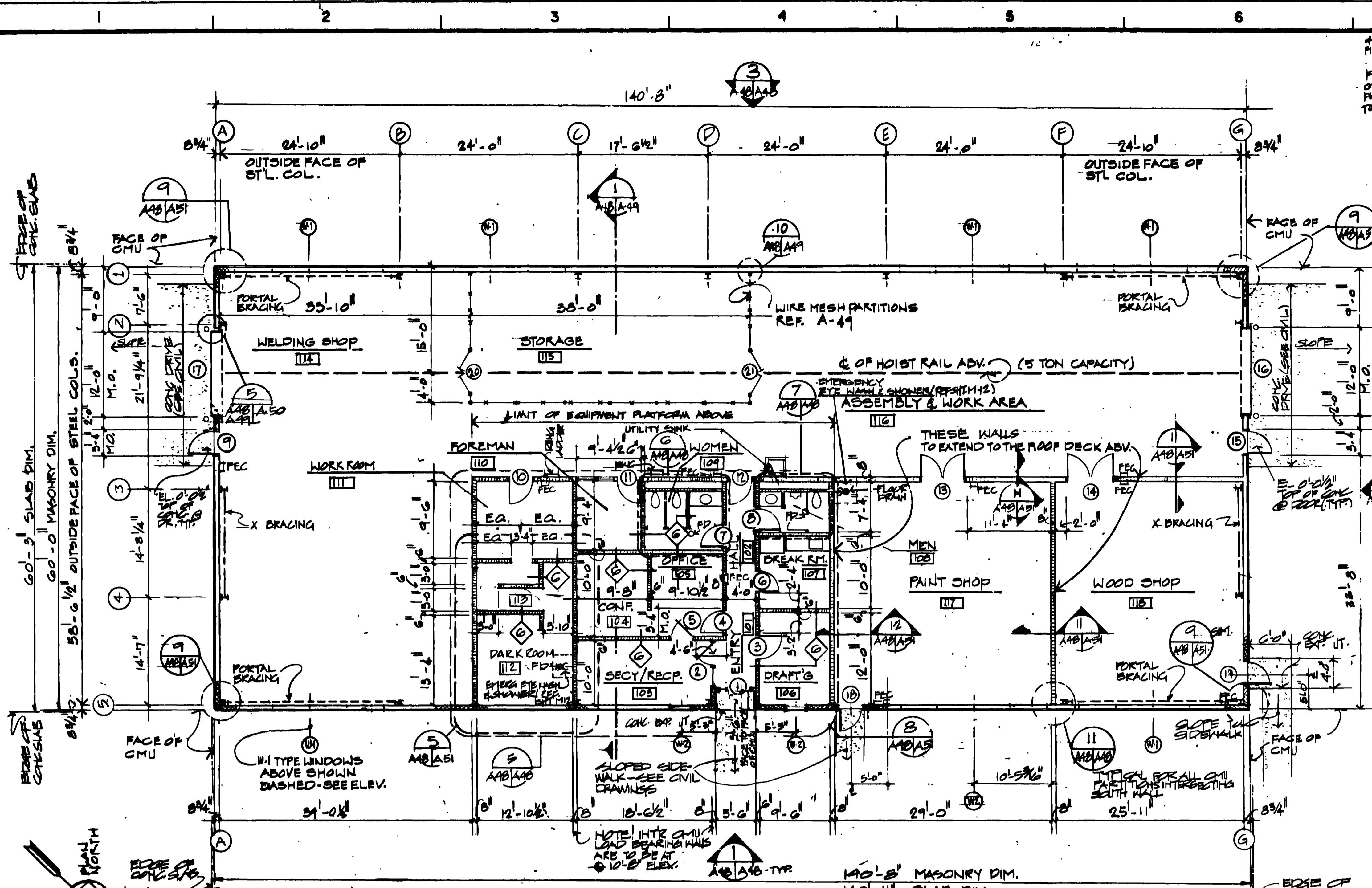
6 SILL SECTION  
 A-40/A-46 SCALE 3/4" = 1'-0"



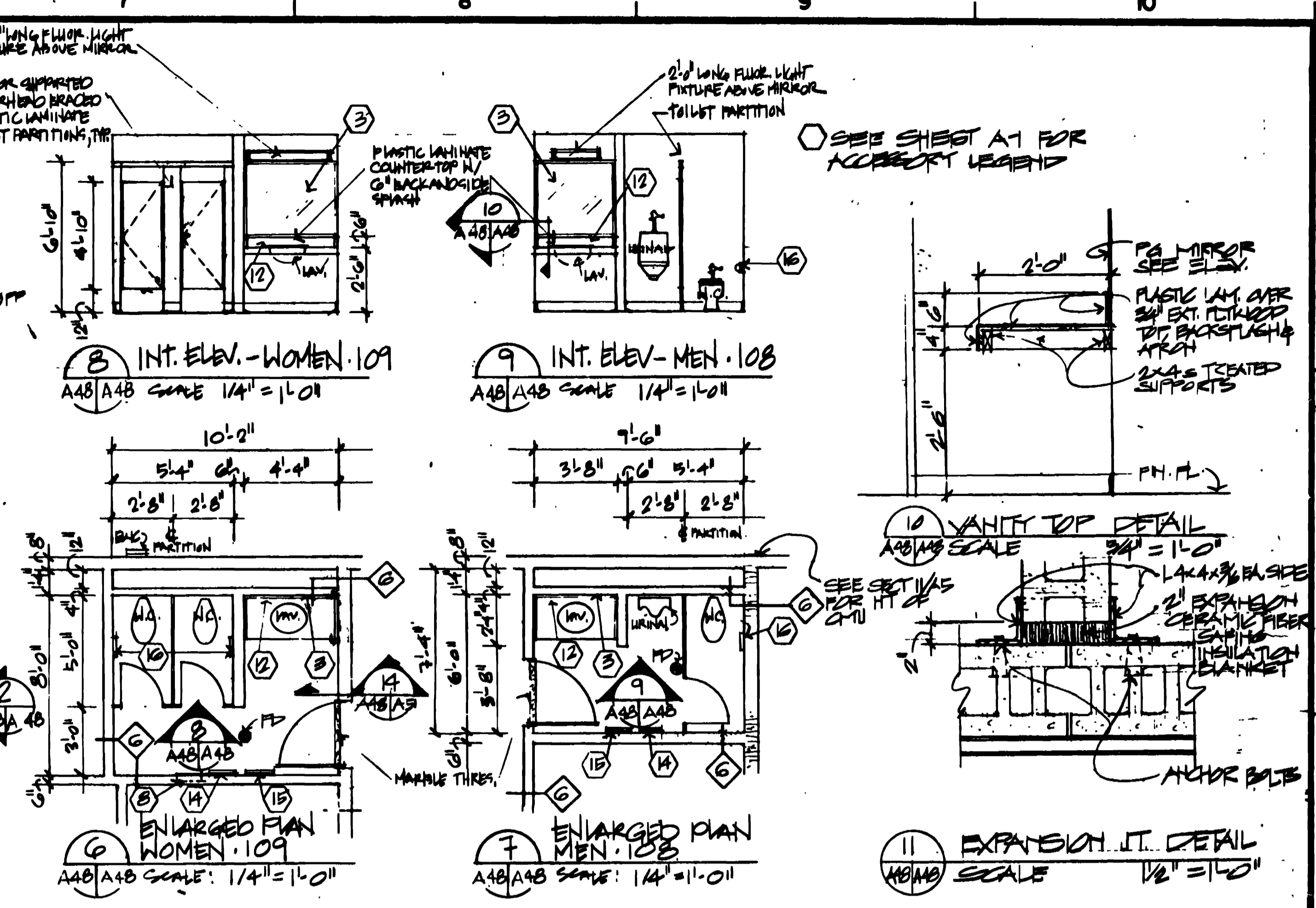
|   |   |  |  |
|---|---|--|--|
| VEHICLE MAINTENANCE FACILITY  |   |  |  |
| AM 0001 04/92 REVISION ENDWALL SECTION  |   |  |  |
| AM 0001 4/JUN/92 REVISED TO REFLECT W.L. CHANGES  |   |  |  |
| WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE                              |   | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS |  |
| DESIGNED BY:<br>L.P.  | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS  |  |  |
| DRAWN BY:<br>M.B.   | FIRE TRAINING COMPLEX<br>WALL SECTIONS  |  |  |
| REVIEWED BY:<br>C.M.  | (VEHICLE MAINTENANCE FACILITY)  |  |  |
| SUBMITTED BY:<br><br>GARY J. HICKENBOTTOM<br>PROFESSIONAL ENGINEER<br>STATE OF TEXAS<br>NO. 3013<br>EXPIRES 7/21/92 | SOL. NO. PAC65-92-B-0109 DATED: JUN. 1992<br>CONTR. NO. DAC65-92-C-0155<br>DRAWING NUMBER: A46062 SHEET NO. 130 |  |  |



| VEHICLE MAINTENANCE FACILITY |  |   |               |
|------------------------------|--|---|---------------|
| AM*0004                      | 18 AUG 98  | DELETE FIREWALL AND REVISE DIMENSIONS   |               |
| AM*0001                      | 4 JUN 97   | REVISED TO REFLECT W.I. CHANGES   |               |
| DESIGNED BY:                 | WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS                    |               |
| DESIGNED BY:                 | L.P.   | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS  |               |
| DRAWN BY:                    | M.B./H.U.  | <b>FIRE TRAINING COMPLEX</b><br>STAIR SECTION'S AND MEC.<br>DETAILS<br>(VEHICLE MAINTENANCE FACILITY) |               |
| REVIEWED BY:                 | CM   |   |               |
| SUBMITTED BY:                | M.P. 12/1/90   | SOL. NO. DACAGS-92-B-0109   | DATED: JUN 92 |
| ENGINEER:                    | 1/3/94   | CONTR. NO. DACAGS-92-C-0155   | SEQUENCE NO.  |
|                              |  | DRAWING NUMBER  | SHEET NO. 131 |

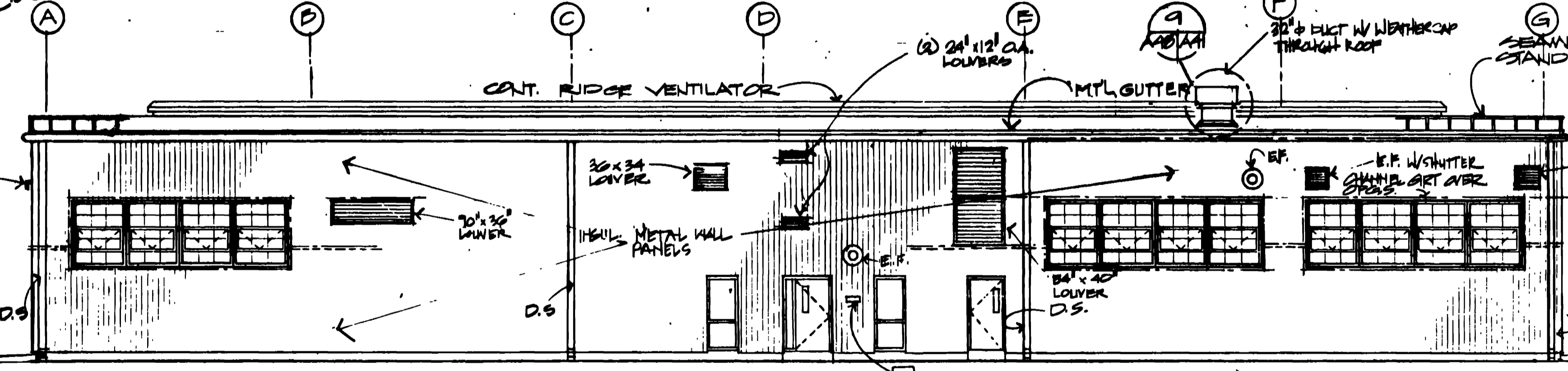


**4 FLOOR PLAN**  
 A48/A49 SCALE 1/8" = 1'-0"

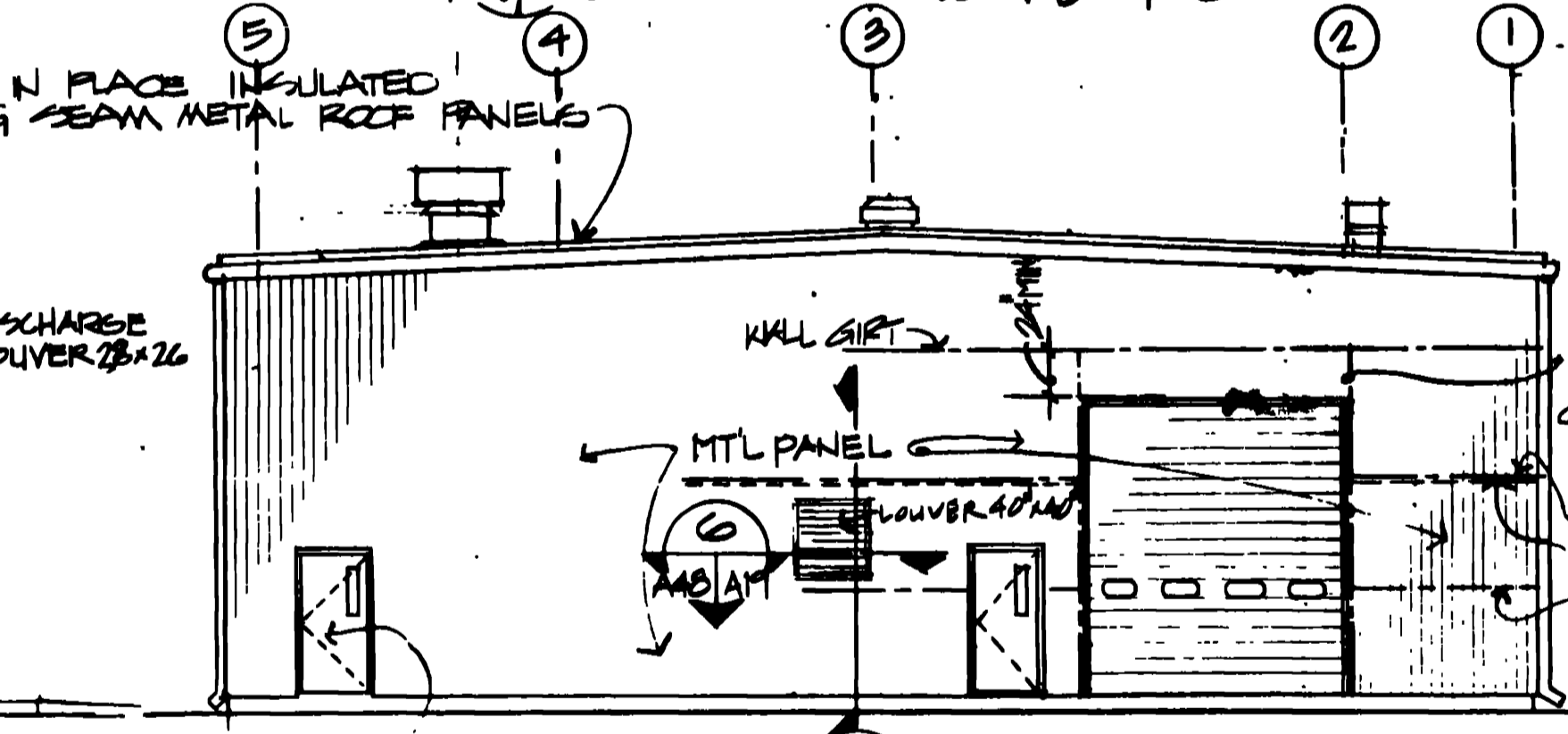


- LEGEND**
- - C.M.U. SEE WALL SECTIONS & PARTITION TYPES
  - - METAL SIDING ON C.M.U. @ 10'-0" OFF
  - ⑥ A48/A49 - DETAIL NUMBER, PLAN DETAIL, SHEET WHERE DRAWN, SHEET REFERENCE
  - ② A48/A49 - DETAIL NUMBER, WALL ELEVATIONS, INTERIOR, SHEET WHERE DRAWN, SHEET REFERENCE
  - ④ A48/A49 - DETAIL NUMBER, SECTION, SHEET WHERE DRAWN, SHEET REFERENCE

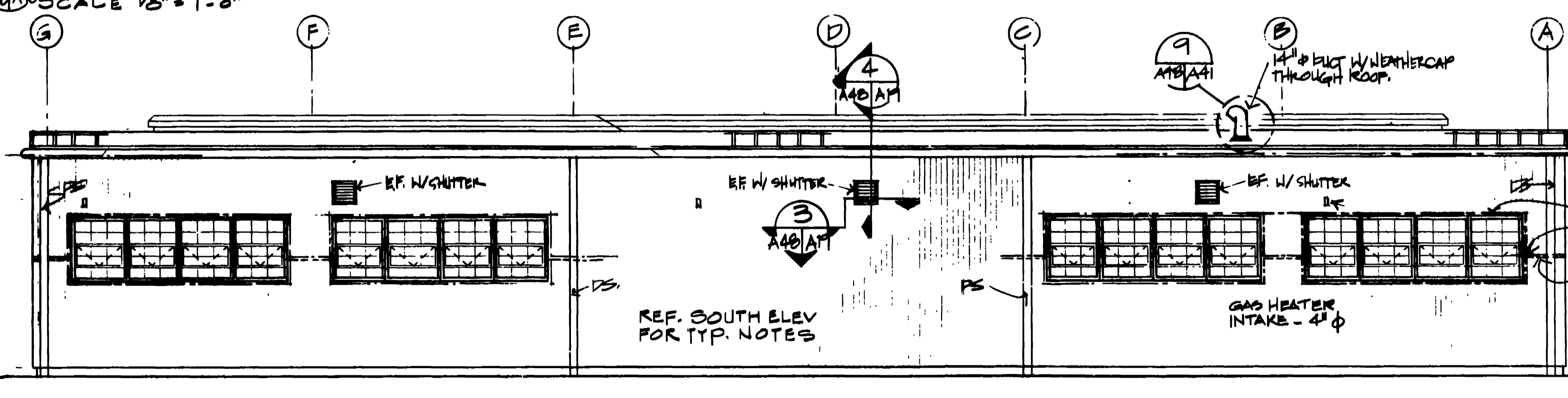
**5 REFLECTED CEILING PLAN**  
 A48/A49 SCALE: 1/8" = 1'-0"



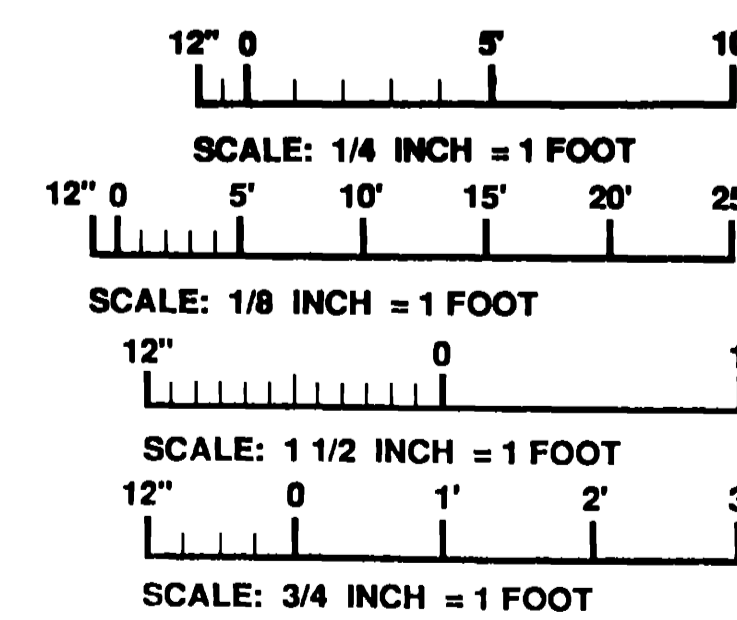
**3 SOUTH ELEVATION**  
 A48/A49 SCALE 1/8" = 1'-0"



**2 EAST ELEVATION**  
 A48/A49 SCALE 1/8" = 1'-0"



**3 NORTH ELEVATION**  
 A48/A49 SCALE: 1/8" = 1'-0"

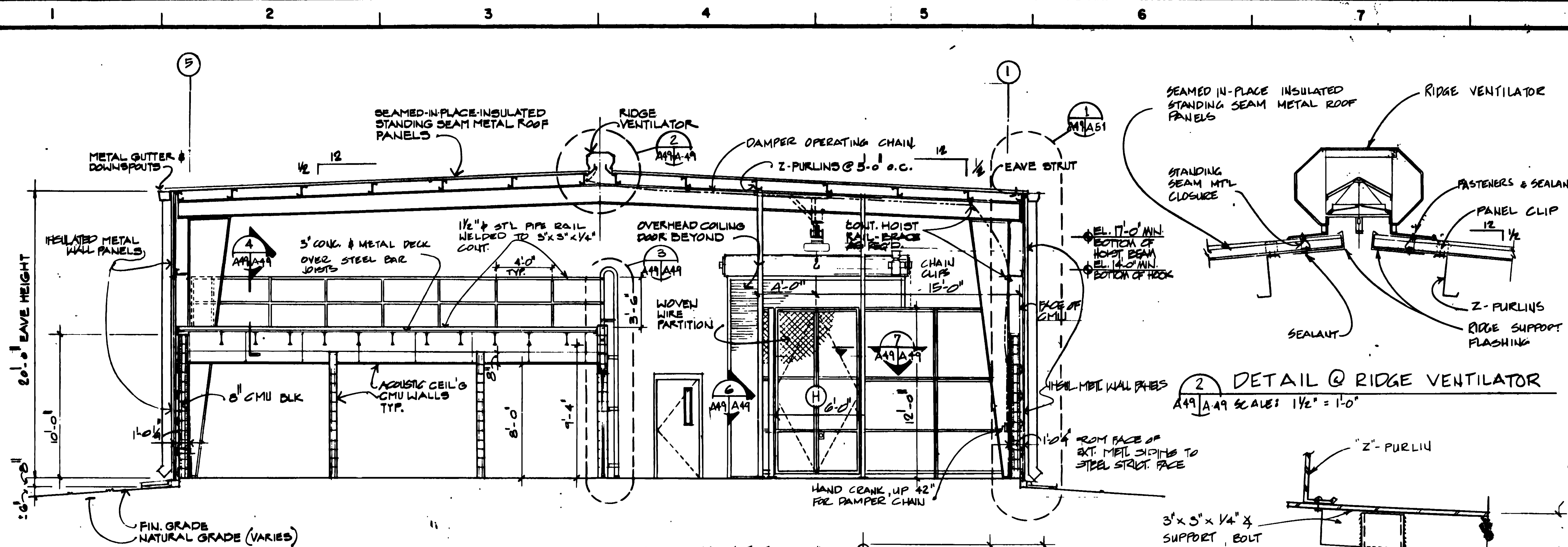


**TRAINER SERVICES FACILITY**

AM#0001 JUN 79 REVISED TO REFLECT W.I. CHANGES

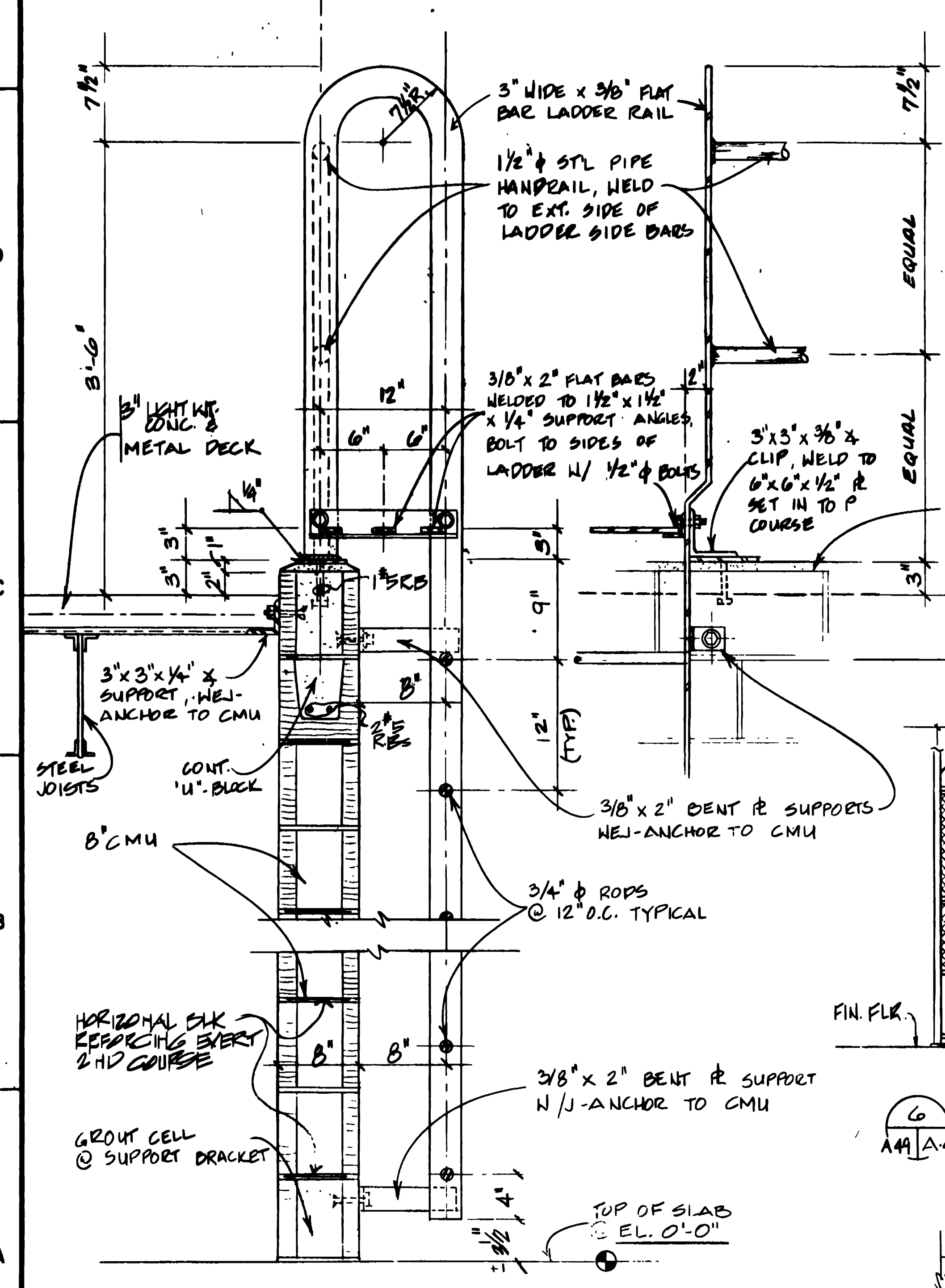
|   |   |
|---|---|
| <b>WALK, HAYDEL &amp; ASSOC. INC.</b><br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS  |
| DRAWN BY: L.E.<br>CHECKED BY: G.M./J.W.<br>REVIEWED BY: CM  | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS<br><b>FIRE TRAINING COMPLEX</b><br>1/2" FLOOR PLAN, EXTERIOR ELEVATIONS<br>BID OPTION NO. 1<br>TRAINER SERVICES FACILITY |
| SUBMITTED BY: [Signature]<br>DATE: JUN 79   | SOL. NO. DACAG3-92-B-0109 DATED: JUN. 1997<br>DRAWING NUMBER: A-48 OF 62<br>SHEET NO.: 132  |



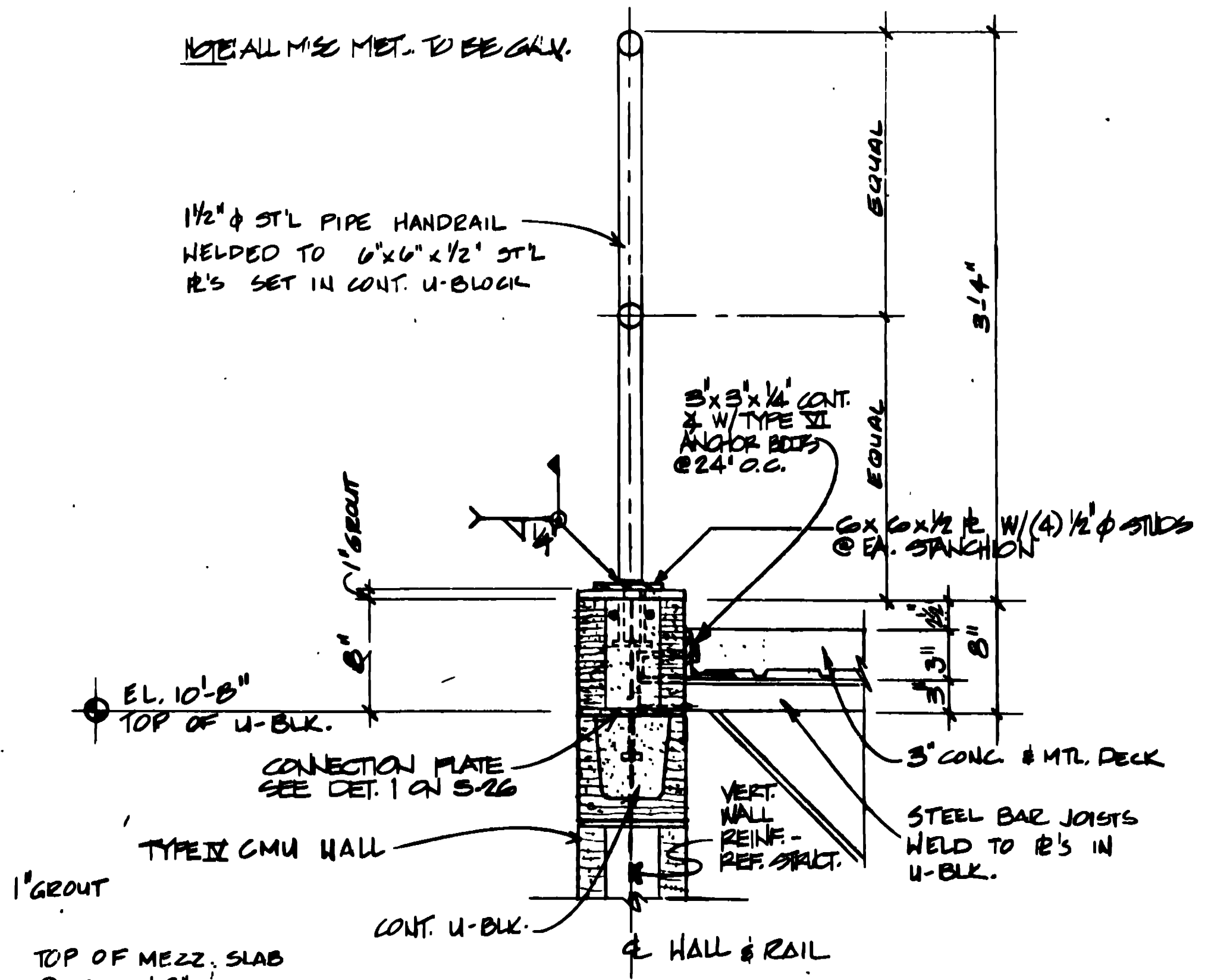


2 DETAIL @ RIDGE VENTILATOR  
A49/A49 SCALE: 1 1/2" = 1'-0"

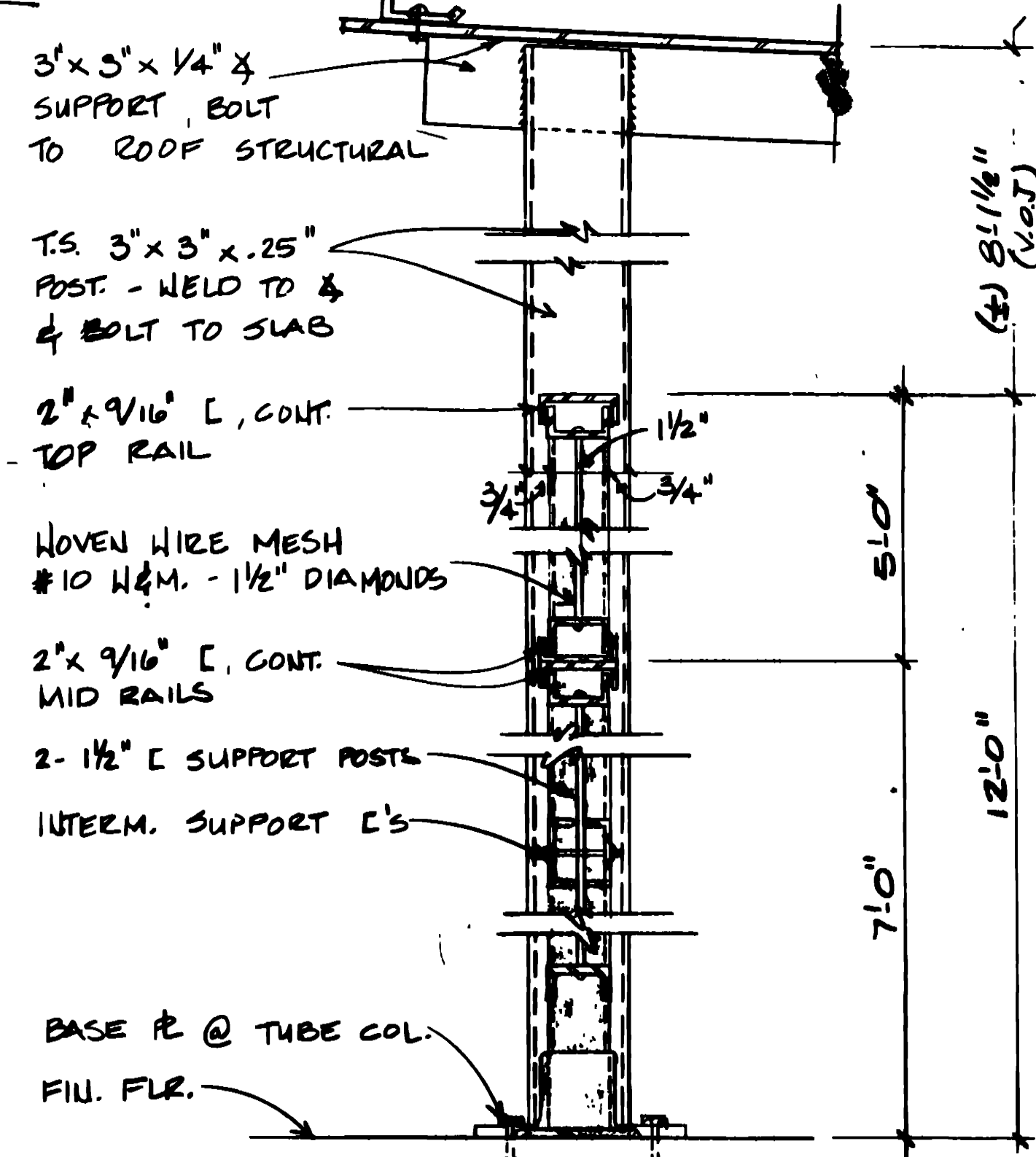
1 CROSS SECTION  
A49/A49 SCALE 1/4" = 1'-0"



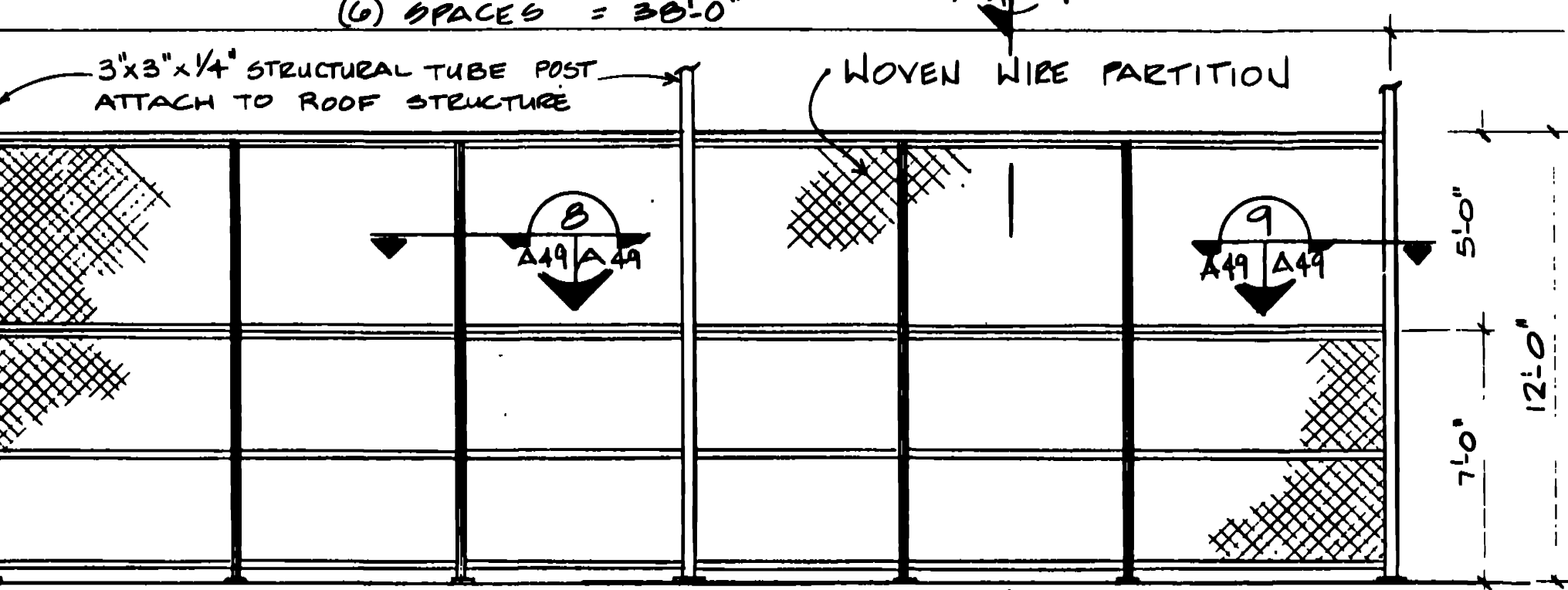
5 RING LADDER DETAIL  
A49/A49 SCALE: 1 1/2" = 1'-0"



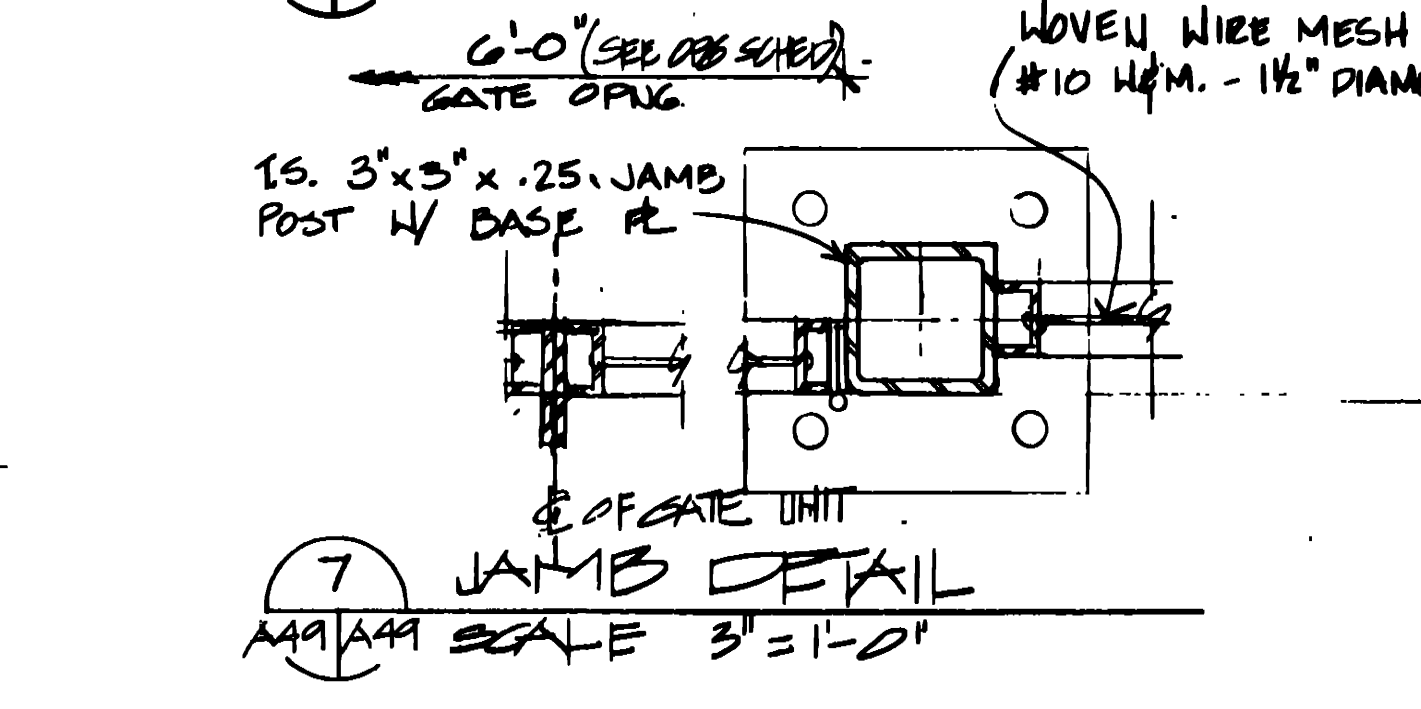
4 HANDRAIL DETAIL  
A49/A49 SCALE: 1 1/2" = 1'-0"



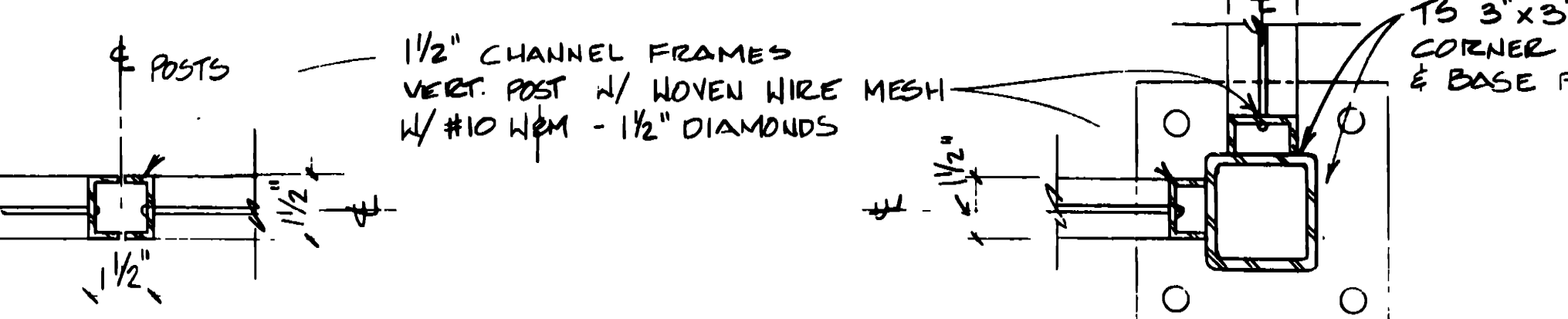
5 WOVEN WIRE DETAIL  
A49/A49 SCALE: 3" = 1'-0"



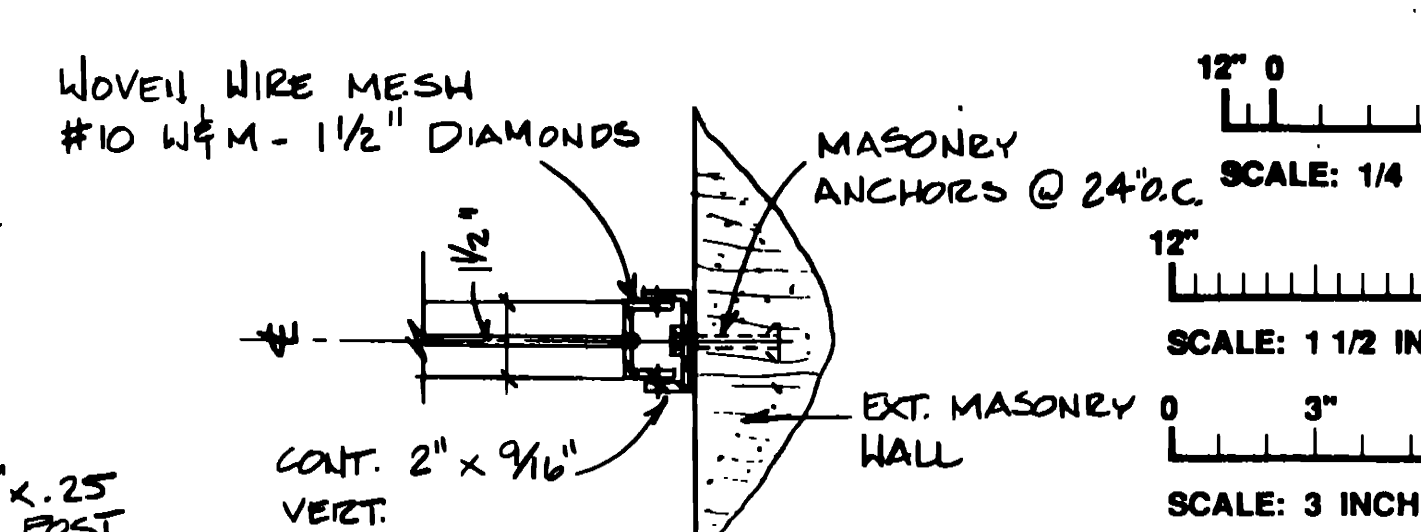
6 INTERIOR ELEVATION - WOVEN WIRE PARTITION  
A49/A49 SCALE: 1/4" = 1'-0"



7 JAMB DETAIL  
A49/A49 SCALE: 3" = 1'-0"



9 CORNER POST DETAIL  
A49/A49 SCALE: 3" = 1'-0"



10 DETAIL @ WALL  
A49/A49 SCALE: 3" = 1'-0"

ROOM MATERIAL SCHEDULE

| ROOM NO. | FLOOR | BASE | WALLS |       |      |      | CEILING | CEILING HT. | REMARKS  |
|----------|-------|------|-------|-------|------|------|---------|-------------|--|
|          |       |      | NORTH | SOUTH | EAST | WEST |         |             |  |
| 101      | VC-1  | RB-1 | CMU   | P-1   | CMU  | P-1  | ACT     | 8'-0"       |  |
| 102      | VC-1  | RB-1 | CMU   | P-1   | CMU  | P-1  | ACT     | 8'-0"       |  |
| 103      | VC-1  | RB-1 | CMU   | P-1   | CMU  | P-1  | ACT     | 8'-0"       |  |
| 104      | VC-1  | RB-1 | CMU   | P-1   | CMU  | P-1  | ACT     | 8'-0"       |  |
| 105      | VC-1  | RB-1 | CMU   | P-1   | CMU  | P-1  | ACT     | 8'-0"       |  |
| 106      | VC-1  | RB-1 | CMU   | P-1   | CMU  | P-1  | ACT     | 8'-0"       |  |
| 107      | VC-1  | RB-2 | CMU   | P-5   | CMU  | P-5  | ACT     | 8'-0"       |  |
| 108      | CT-1  | CT-1 | CMU   | P-6   | CMU  | P-6  | ACT     | 8'-0"       | PARTITIONS PL-1 CENTER TOP PL-2                        |
| 109      | CT-2  | CT-2 | CMU   | P-7   | CMU  | P-7  | ACT     | 8'-0"       | PARTITIONS PL-1 CENTER TOP PL-2                        |
| 110      | VC-1  | RB-1 | CMU   | P-1   | CMU  | P-1  | ACT     | 8'-0"       |  |
| 111      | VC-1  | RB-1 | CMU   | P-1   | CMU  | P-1  | ACT     | 8'-0"       |  |
| 112      | VC-1  | NA   | CMU   | P-8   | CMU  | P-8  | ACT     | 8'-0"       | PAINT ALL SURFACES WALLS & CEILING FLAT BLACK          |
| 113      | VC-1  | NA   | CMU   | P-8   | CMU  | P-8  | ACT     | 8'-0"       | PAINT ALL SURFACES WALLS & CEILING FLAT BLACK          |
| 114      | SC    | NA   | MP    | FF    | MP   | FF   | EXP.    | VARIES      | NOTE: P. NO. REFERS TO AREAS ABOVE CMU.                |
| 115      | SC    | NA   | MP    | FF    | MP   | FF   | EXP.    | VARIES      | 10'-0" CMU HALL IN HIGH BAY AREAS TO REMAIN UNPAINTED. |
| 116      | SC    | NA   | MP    | FF    | MP   | FF   | EXP.    | VARIES      |  |
| 117      | SC    | NA   | MP    | FF    | MP   | FF   | EXP.    | VARIES      |  |
| 118      | SC    | NA   | MP    | FF    | MP   | FF   | EXP.    | VARIES      |  |
| 119      | SC    | NA   | MP    | FF    | MP   | FF   | EXP.    | VARIES      |  |

OPENING SCHEDULE

| NO. | SIZE            | THICKNESS | TYPE | MATERIAL | HEAD                 | JAMB | SILL | TRANSOM | LABEL | HANDMADE SET | REMARKS                         |
|-----|-----------------|-----------|------|----------|----------------------|------|------|---------|-------|--------------|---------------------------------|
|     |                 |           |      |          |                      |      |      |         |       |              |                                 |
| 1   | 3'-0" x 7'-0"   | 1 1/2"    | A    | H.M.     | 25/160/22/160/24/160 | NA   | NA   | NA      | NA    | 7            | SIDELITE 15/160                 |
| 2   | 3'-0" x 7'-0"   | 1 1/2"    | D    | H.M.     | 25/160/22/160/24/160 | NA   | NA   | NA      | NA    | 7            | SIDELITE 15/160                 |
| 3   | 3'-0" x 7'-0"   | 1 1/2"    | E    | H.M.     | 25/160/22/160/24/160 | NA   | NA   | NA      | NA    | 7            |                                 |
| 4   | 3'-0" x 7'-0"   | 1 1/2"    | E    | H.M.     | 25/160/22/160/24/160 | NA   | NA   | NA      | NA    | 7            |                                 |
| 5   | 2'-0" x 7'-0"   | 1 1/2"    | E    | H.M.     | 25/160/22/160/24/160 | NA   | NA   | NA      | NA    | 7            |                                 |
| 6   | 3'-0" x 7'-0"   | 1 1/2"    | E    | H.M.     | 25/160/22/160/24/160 | NA   | NA   | NA      | NA    | 7            |                                 |
| 7   | 2'-0" x 7'-0"   | 1 1/2"    | D    | H.M.     | 25/160/22/160/24/160 | NA   | NA   | NA      | NA    | 6            |                                 |
| 8   | 2'-0" x 7'-0"   | 1 1/2"    | D    | H.M.     | 25/160/22/160/24/160 | NA   | NA   | NA      | NA    | 6            |                                 |
| 9   | 3'-0" x 7'-0"   | 1 1/2"    | E    | H.M.     | 25/160/22/160/24/160 | NA   | NA   | NA      | NA    | 2            |                                 |
| 10  | 3'-0" x 7'-0"   | 1 1/2"    | D    | H.M.     | 25/160/22/160/24/160 | NA   | NA   | NA      | NA    | 2            | W/LIGHT SEALS                   |
| 11  | 3'-0" x 7'-0"   | 1 1/2"    | C    | H.M.     | 25/160/22/160/24/160 | NA   | NA   | NA      | NA    | 7            | SIDELITE 15/160                 |
| 12  | 3'-0" x 7'-0"   | 1 1/2"    | E    | H.M.     | 25/160/22/160/24/160 | NA   | NA   | NA      | NA    | 7            |                                 |
| 13  | 2'-0" x 7'-0"   | 1 1/2"    | G    | H.M.     | 25/160/22/160/24/160 | NA   | NA   | NA      | NA    | 15           | 1 1/2" HR                       |
| 14  | 2'-0" x 7'-0"   | 1 1/2"    | G    | H.M.     | 25/160/22/160/24/160 | NA   | NA   | NA      | NA    | 15           | 1 1/2" HR                       |
| 15  | 3'-0" x 7'-0"   | 1 1/2"    | E    | H.M.     | 25/160/22/160/24/160 | NA   | NA   | NA      | NA    | 2            |                                 |
| 16  | 12'-0" x 14'-0" |           | P    | STL      | 12/160/17/160/12/160 | NA   | NA   | NA      | NA    | -            | REF SPEC FOR HW                 |
| 17  | 10'-0" x 14'-0" |           | F    | STL      | 12/160/17/160/12/160 | NA   | NA   | NA      | NA    | -            | REF SPEC FOR HW                 |
| 18  | 3'-0" x 7'-0"   | 1 1/2"    | E    | H.M.     | 25/160/22/160/24/160 | NA   | NA   | NA      | NA    | 2            |                                 |
| 19  | 3'-0" x 7'-0"   | 1 1/2"    | E    | H.M.     | 25/160/22/160/24/160 | NA   | NA   | NA      | NA    | 2            |                                 |
| 20  | 2'-0" x 12'-0"  |           | H    | STL      | 7/160                | NA   | NA   | NA      | NA    |              | WIRE MESH GATES SEE DET. 10/160 |
| 21  | "               |           | H    | STL      | 7/160                | NA   | NA   | NA      | NA    |              |                                 |

TRAINER SERVICES FACILITY

AM#0001 JUN 92 REVISED TO REFLECT W.I. CHANGES

WALK, HAYDEN & ASSOC. INC. U.S. ARMY ENGINEER DISTRICT, FORT WORTH  
ENGINEERS / ARCHITECTS CORPS OF ENGINEERS  
NEW ORLEANS MOBILE BATON ROUGE FORT WORTH, TEXAS

DESIGNED BY: LE  
DRAWN BY: CMJ/WLL  
REVIEWED BY: CMJ  
SUBMITTED BY: 11/22/92

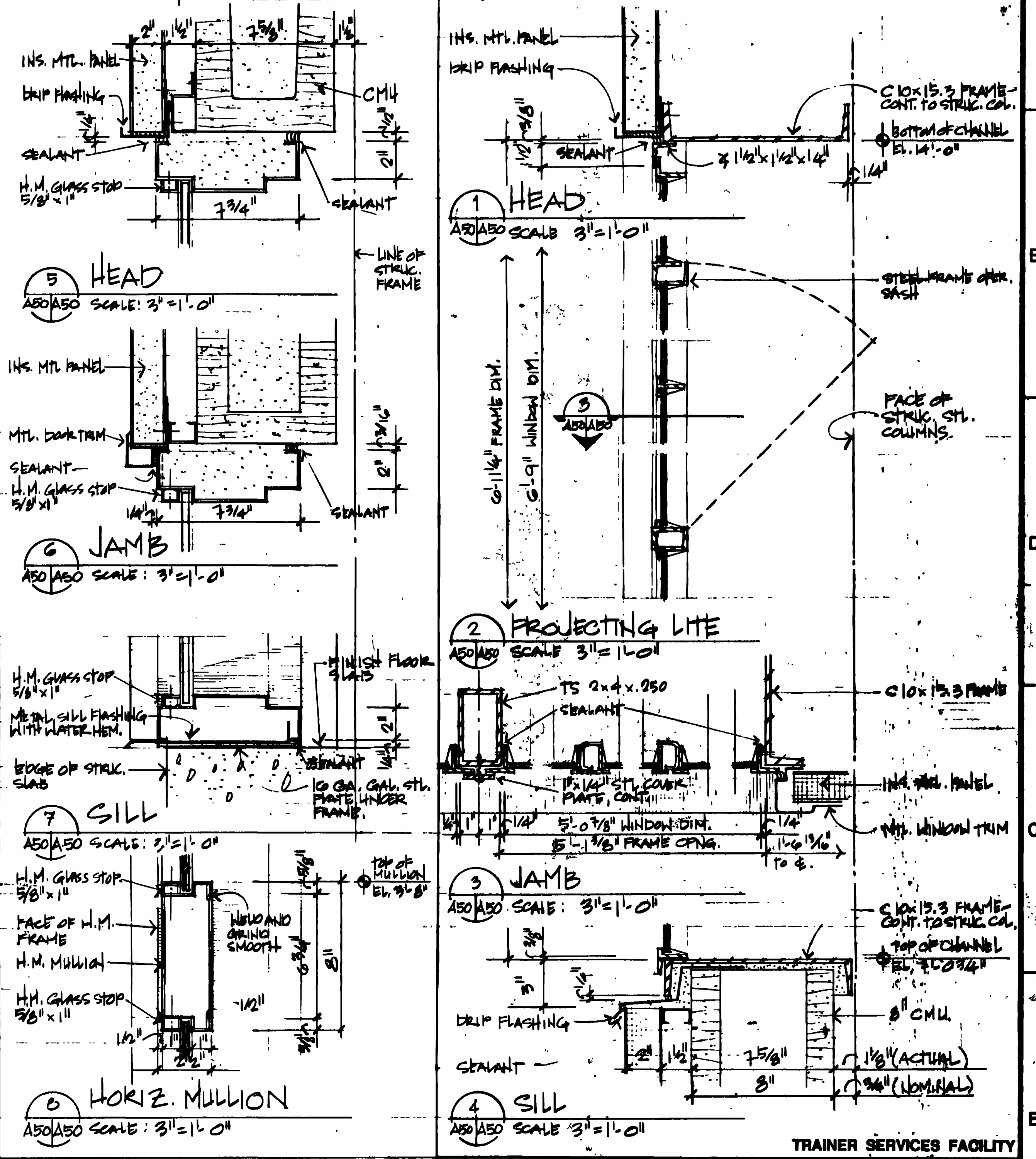
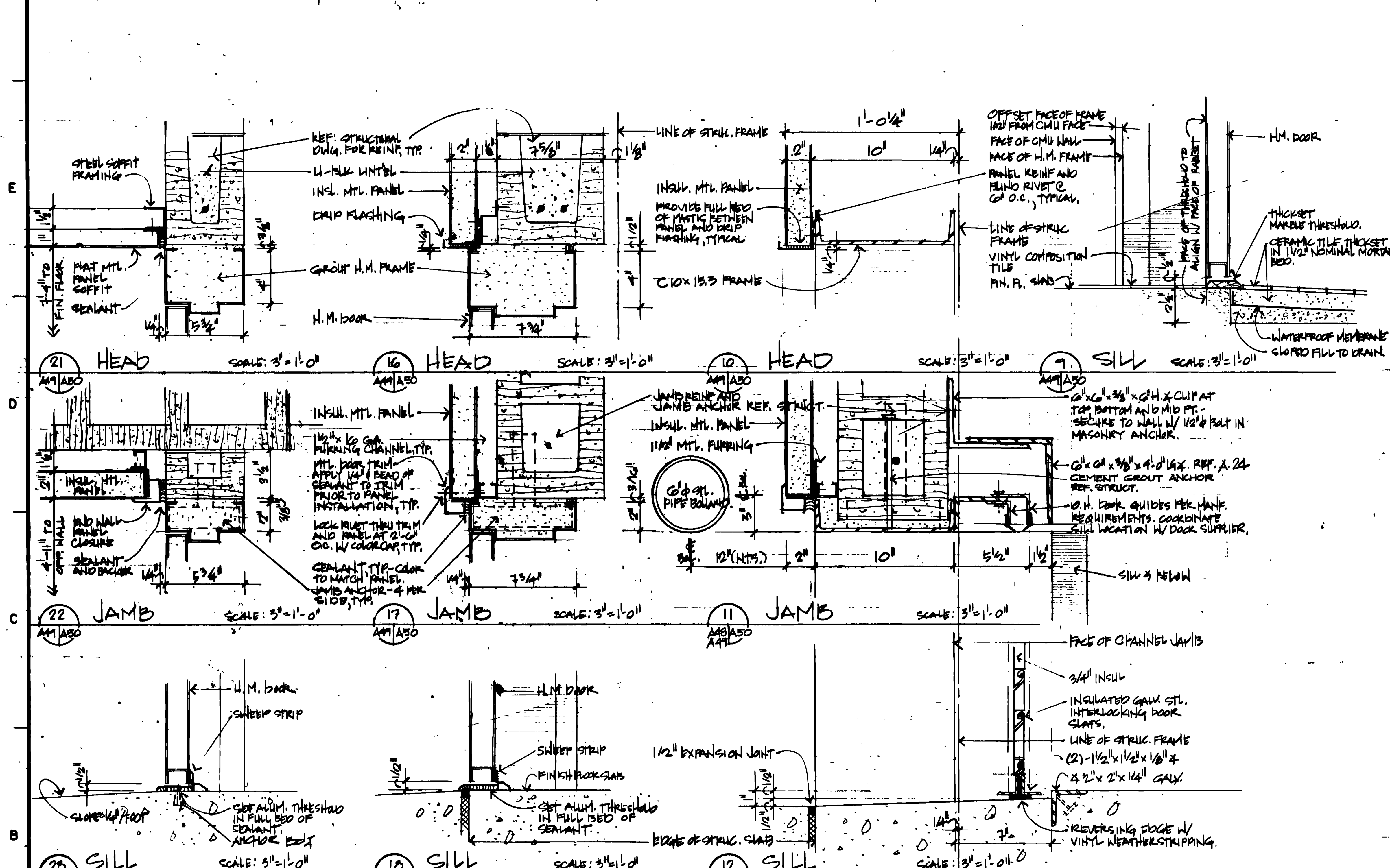
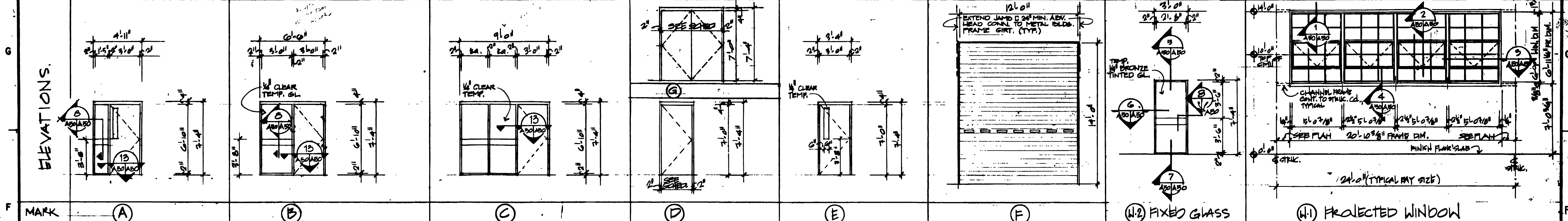
GOODFELLOW AIR FORCE BASE  
SAN ANGELO, TEXAS

**FIRE TRAINING COMPLEX**  
CROSS SECTION, SCHEDULES,  
AND MISC. DETAILS  
(TRAINER SERVICES FACILITY)

SOL. NO. DACAGS-92-B-0109 DATED: JUN. 1992  
CONTR. NO. DACAGS-92-C-0155  
DRAWING NUMBER: A49/62  
SHEET NO.: 133

DOOR AND FRAME TYPES

WINDOW TYPES



24 HEAD SCALE: 3"=1'-0"

25 HEAD SCALE: 3"=1'-0"

19 JAMB SCALE: 3"=1'-0"

20 JAMB SCALE: 3"=1'-0"

14 JAMB SCALE: 3"=1'-0"

15 JAMB (HEAD SIMILAR) SCALE: 3"=1'-0"

SCALE: 1/4 INCH = 1 FOOT

SCALE: 3 INCHES = 1 FOOT

AM#0001 JUN. 92 REVISED TO REFLECT W.I. CHANGES

WALK, HAYDEN & ASSOC. INC. U.S. ARMY ENGINEER DISTRICT, FORT WORTH

ENGINEERS / ARCHITECTS CORPS OF ENGINEERS

NEW ORLEANS MOBILE BATON ROUGE FORT WORTH, TEXAS

GOODFELLOW AIR FORCE BASE SAN ANGELO, TEXAS

FIRE TRAINING COMPLEX OPENING TYPES AND DETAILS BID OPTION NO. 1 (TRAINER SERVICES FACILITY)

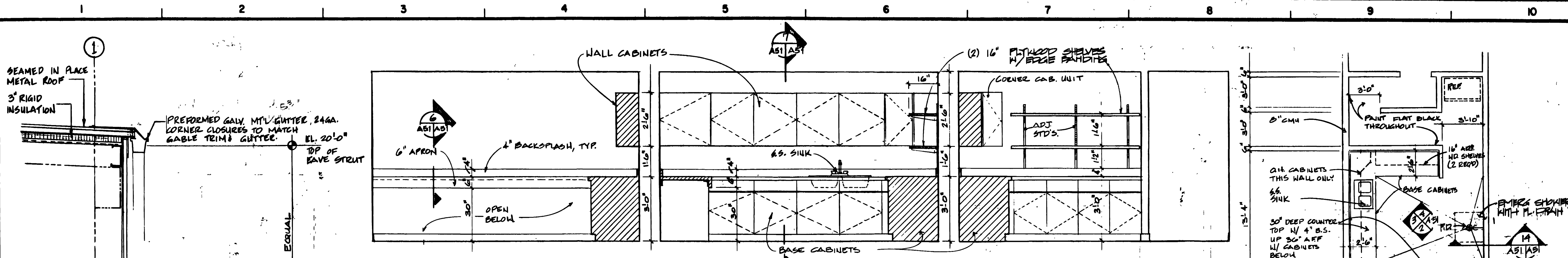
DATE: 12/16/92

BY: [Signature]

FOR: [Signature]

NO. DCAAGS-92-B-0109 DATED: JUN. 1992

DRAWING NUMBER SHEET NO. 134

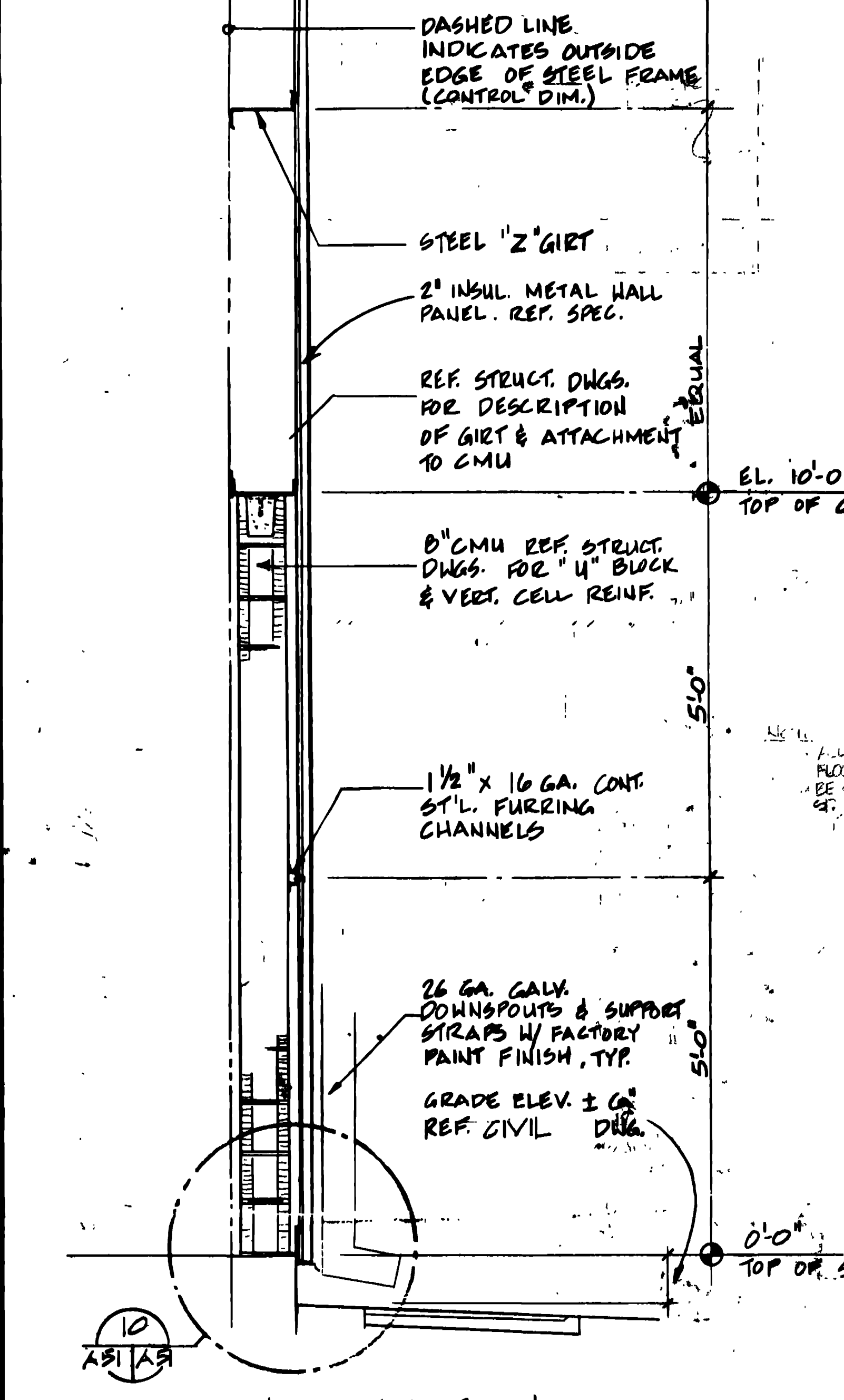


2 INTERIOR ELEV. - DARKROOM 112  
AS1/AS1 SCALE: 1/2" = 1'-0"

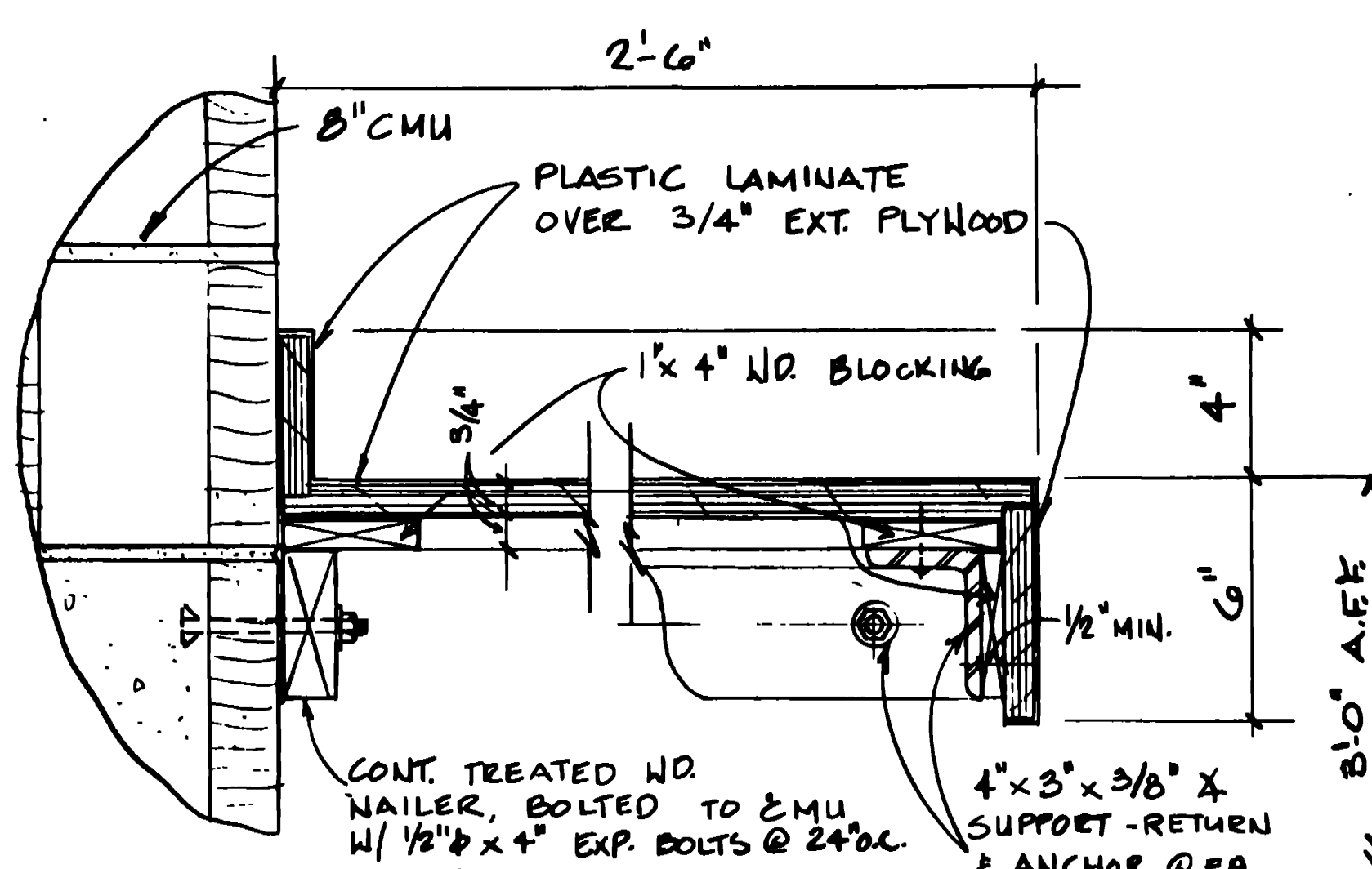
3 INTERIOR ELEV. - DARKROOM 112  
AS1/AS1 SCALE: 1/2" = 1'-0"

4 INTERIOR ELEVATION - DARKROOM 112  
AS1/AS1 SCALE: 1/2" = 1'-0"

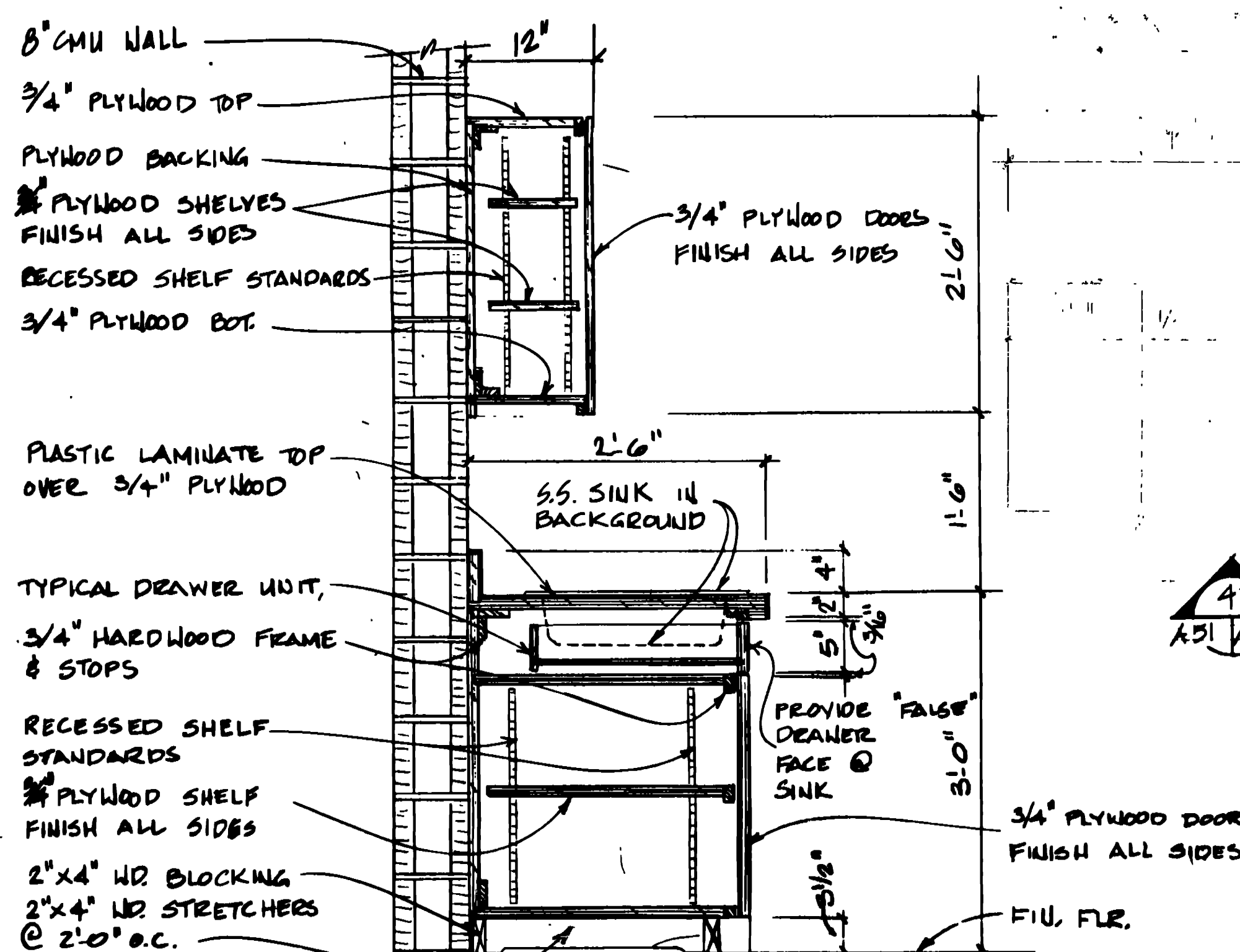
5 ENLARGED PLAN - DARKROOM 112  
AS1/AS1 SCALE: 1/4" = 1'-0"



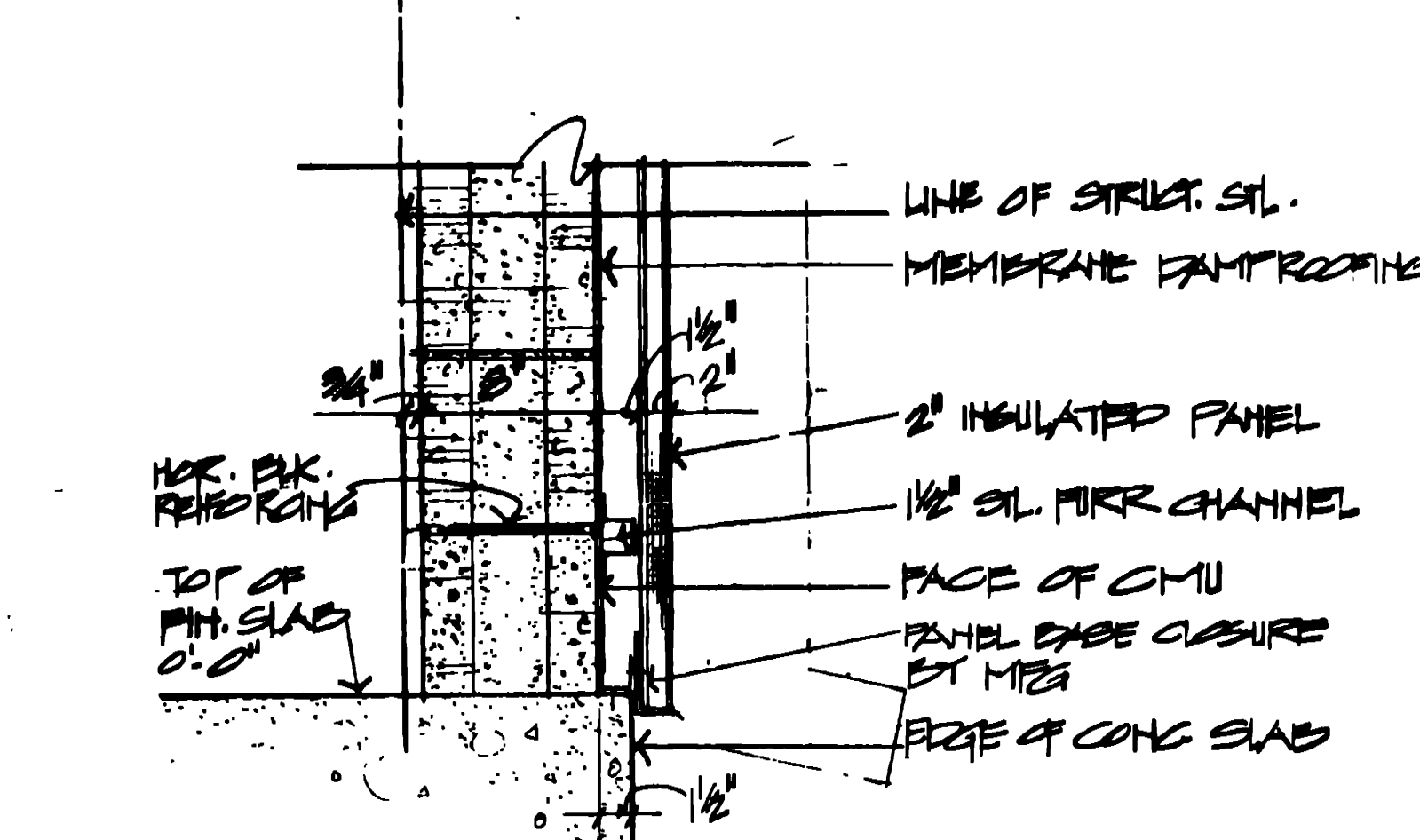
1 WALL SECTION  
AS1/AS1 SCALE: 3/4" = 1'-0"



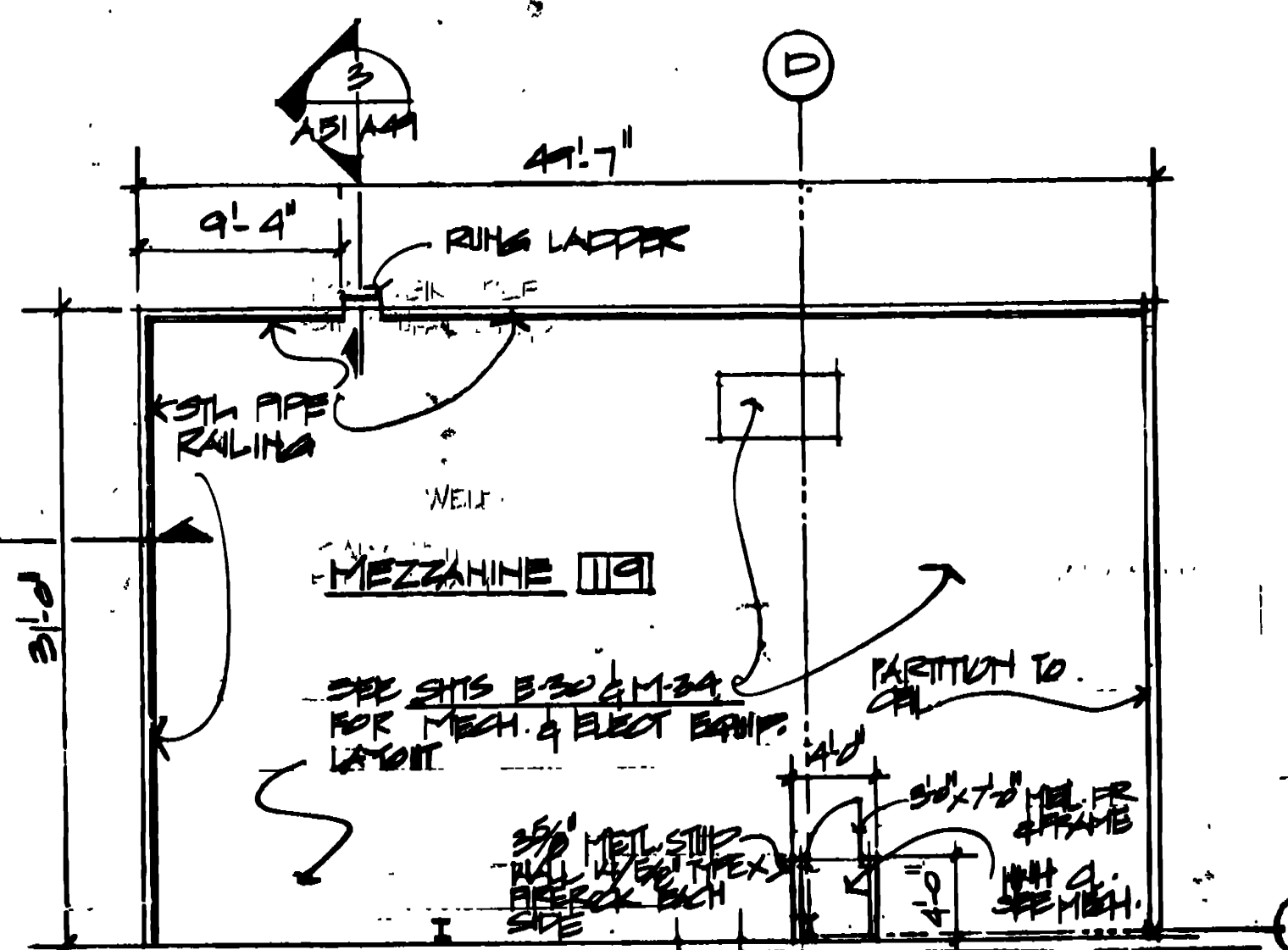
6 COUNTERTOP SECTION  
AS1/AS1 SCALE: 3" = 1'-0"



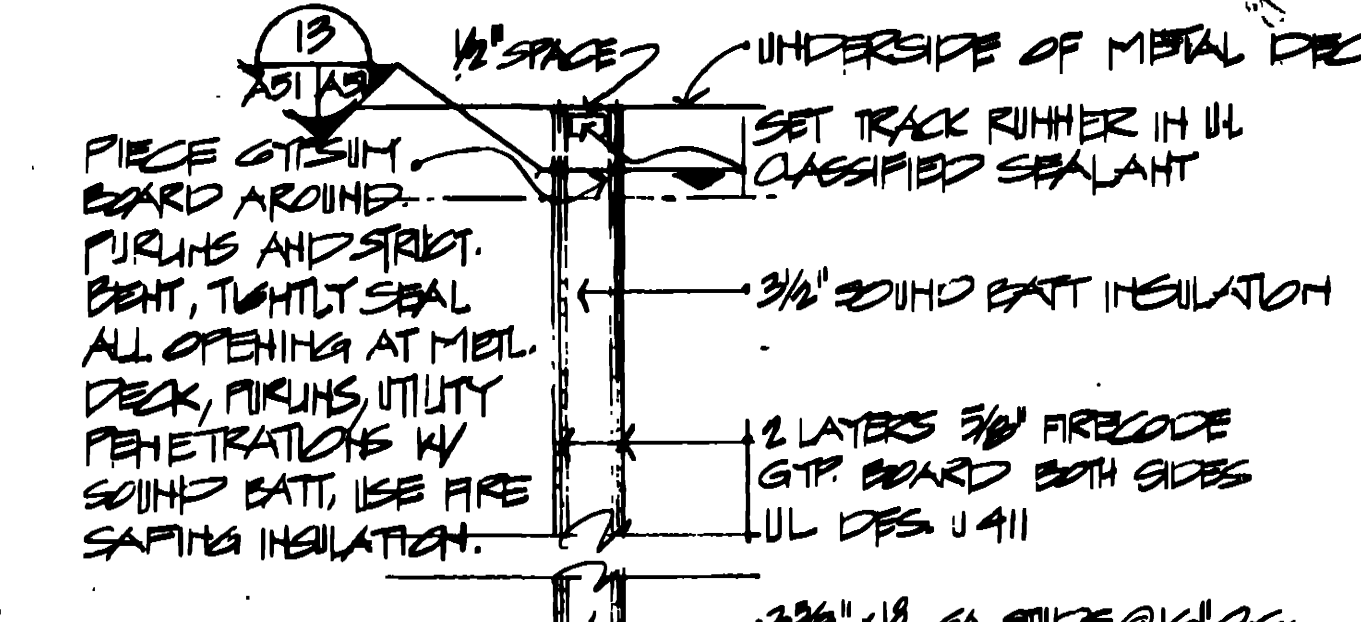
7 SECTION THRU CABINETS  
AS1/AS1 SCALE: 1" = 1'-0"



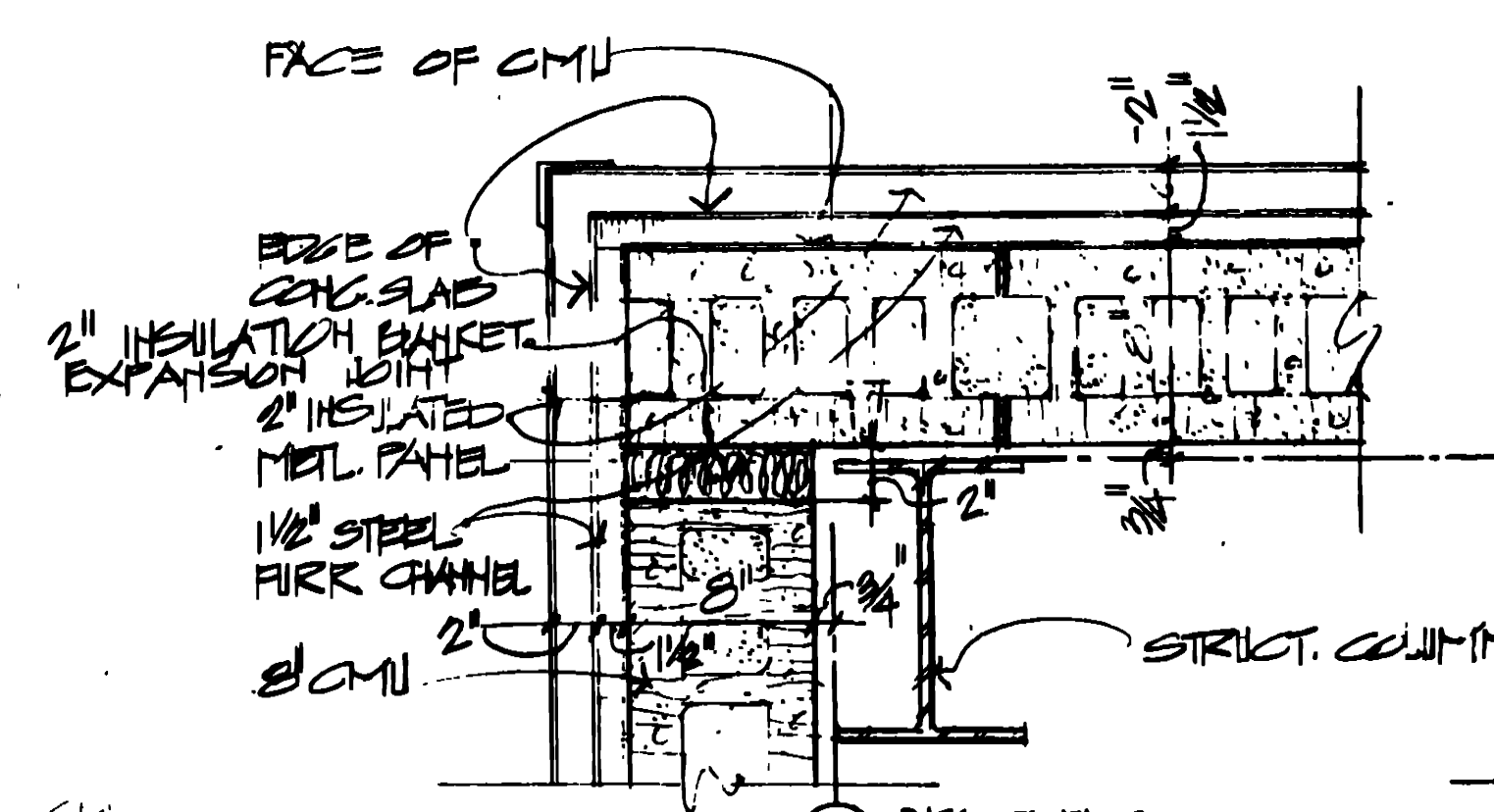
8 SECTION  
AS1/AS1 SCALE: 1/2" = 1'-0"



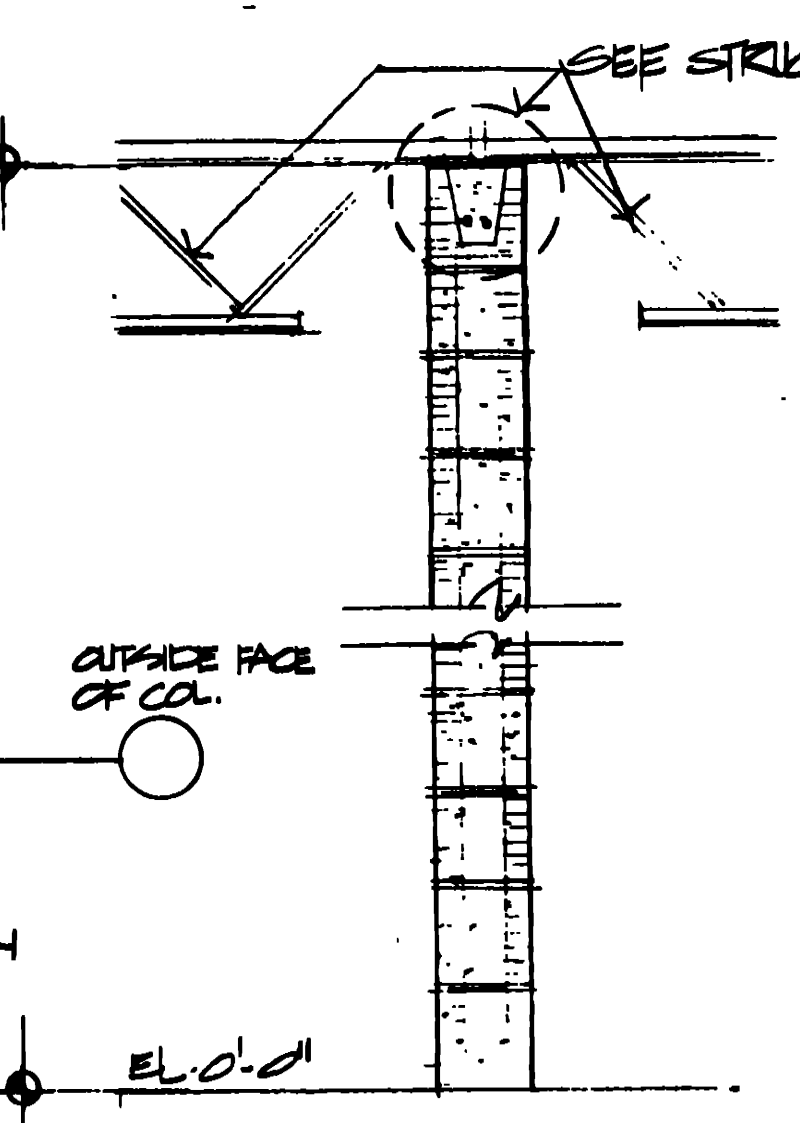
9 MEZZANINE FLOOR  
AS1/AS1 SCALE: 1/2" = 1'-0"



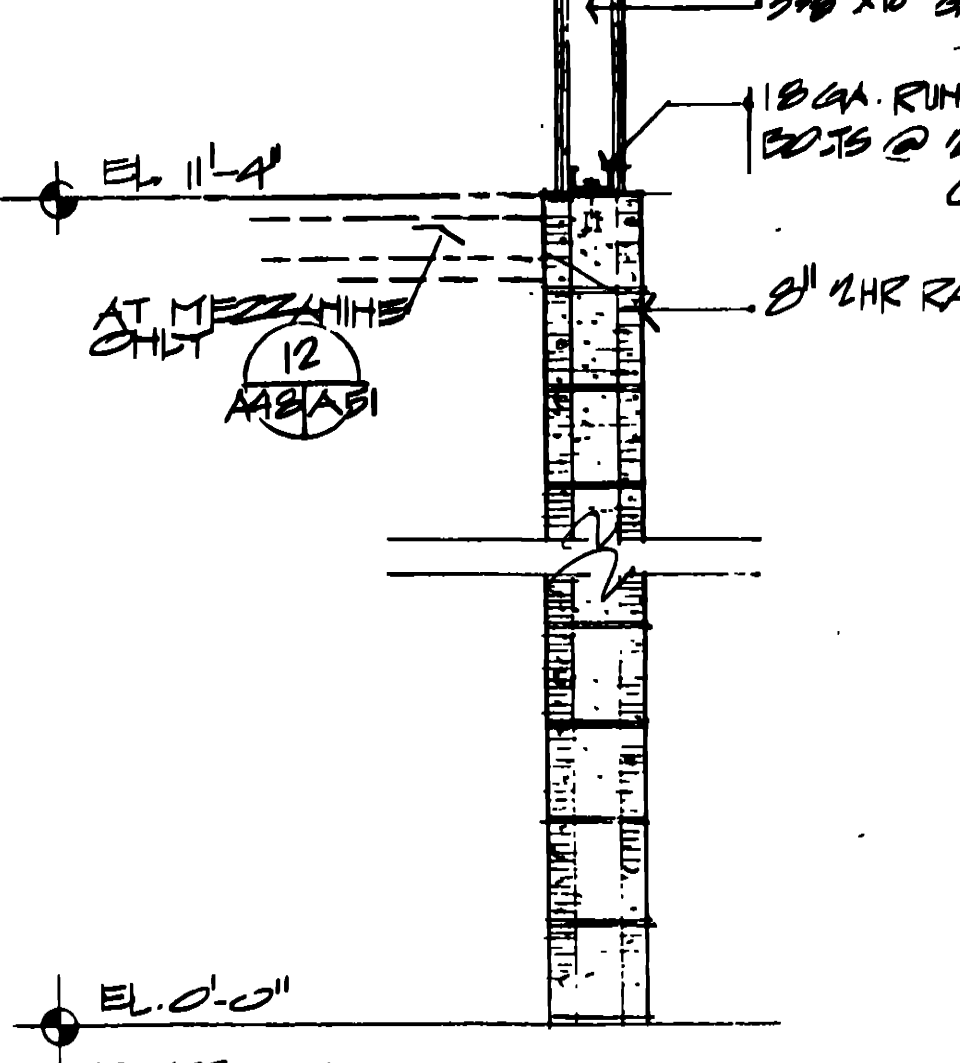
10 SECTION @ FIRE WALL  
AS1/AS1 SCALE: 1/2" = 1'-0"



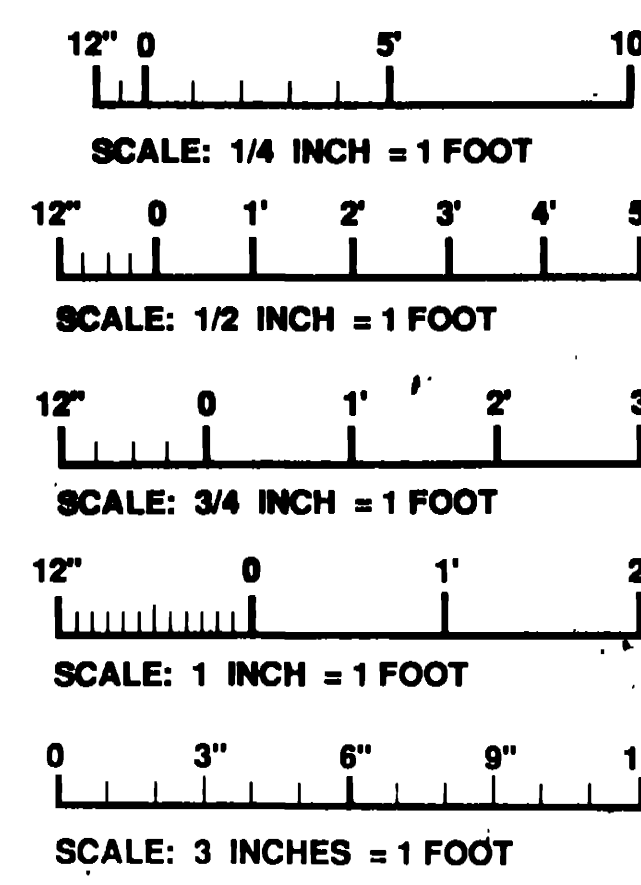
11 DETAIL  
AS1/AS1 SCALE: 1/2" = 1'-0"



12 CMU LOAD BEARING WALL  
AS1/AS1 SCALE: 3/4" = 1'-0"



13 2 HR. WALL TYPES  
AS1/AS1 SCALE: 3/4" = 1'-0"



14 DETAIL @ FIRE WALL  
AS1/AS1 SCALE: 1/2" = 1'-0"

TRAINER SERVICES FACILITY

AMH0001 JUN 94 REVISED TO REFLECT W.I. CHANGES

WALK, HAYDEL & ASSOC. INC. U.S. ARMY ENGINEER DISTRICT, FORT WORTH  
ENGINEERS / ARCHITECTS  
NEW ORLEANS MOBILE BATON ROUGE FORT WORTH, TEXAS

DESIGNED BY: CM

DRAWN BY: CM

REVIEWED BY: CM

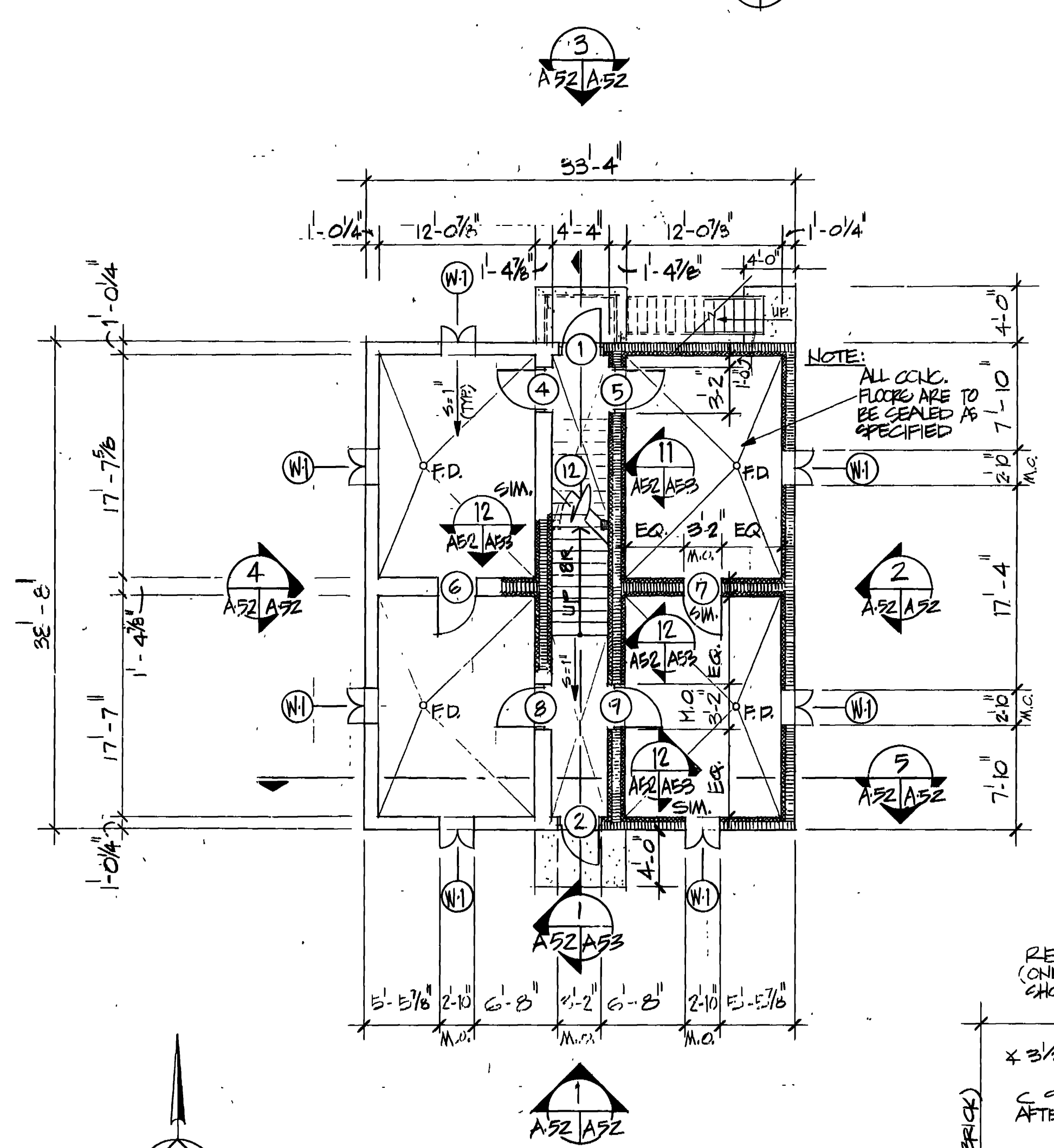
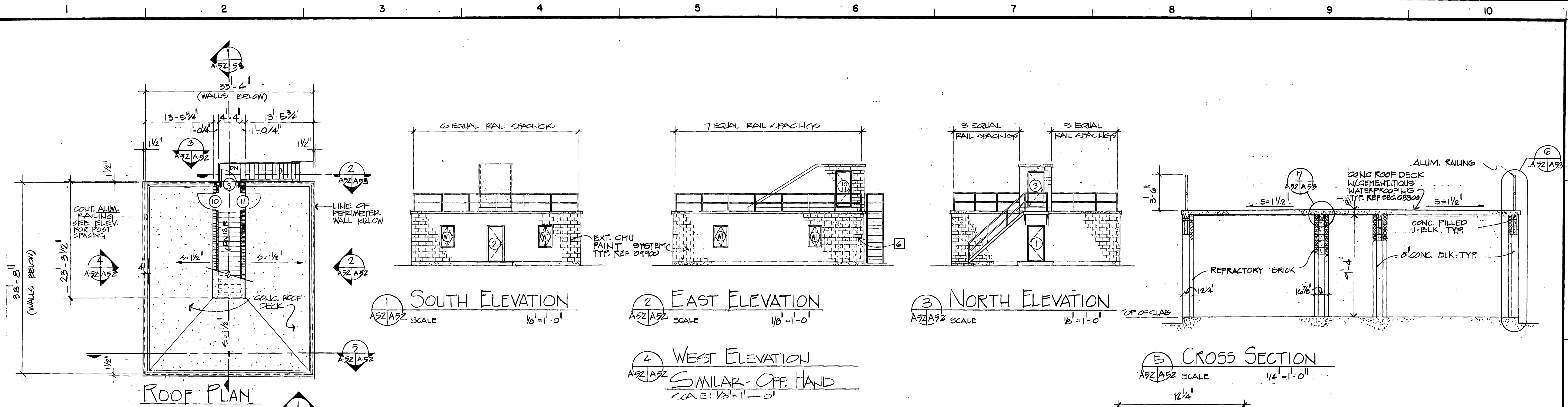
GOODFELLOW AIR FORCE BASE  
SAN ANGELO, TEXAS

FIRE TRAINING COMPLEX  
WALL SECTIONS, DARKROOM,  
AND MEZZANINE FLOOR  
(TRAINER SERVICES FACILITY)

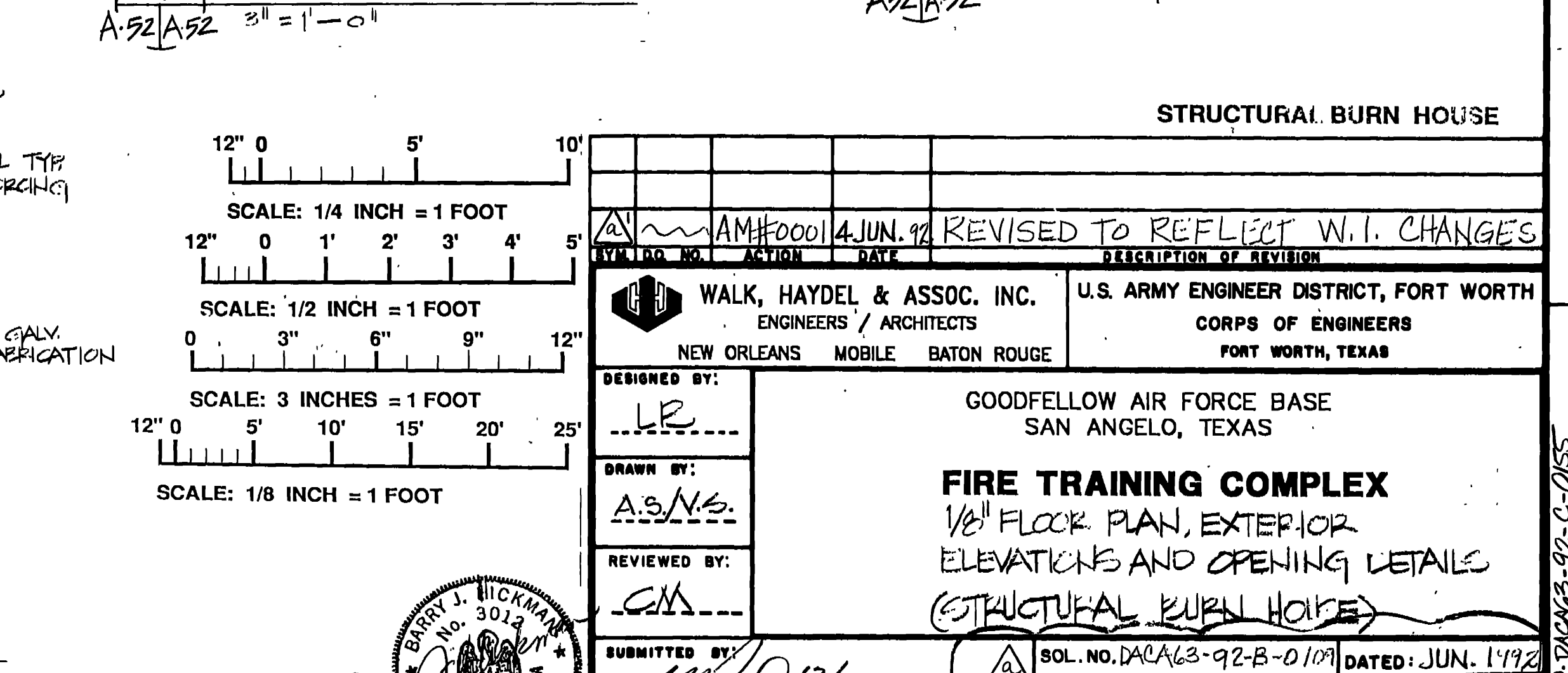
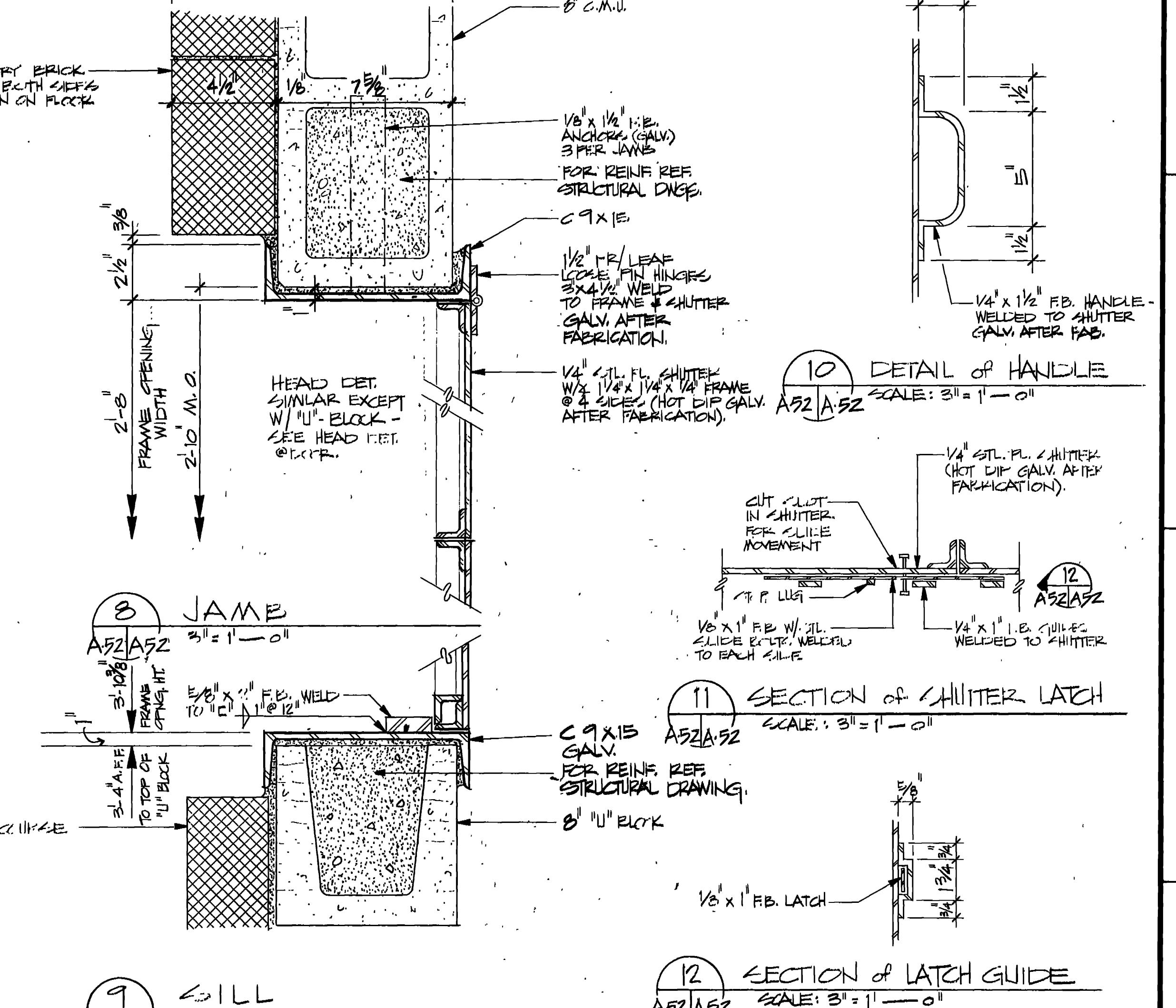
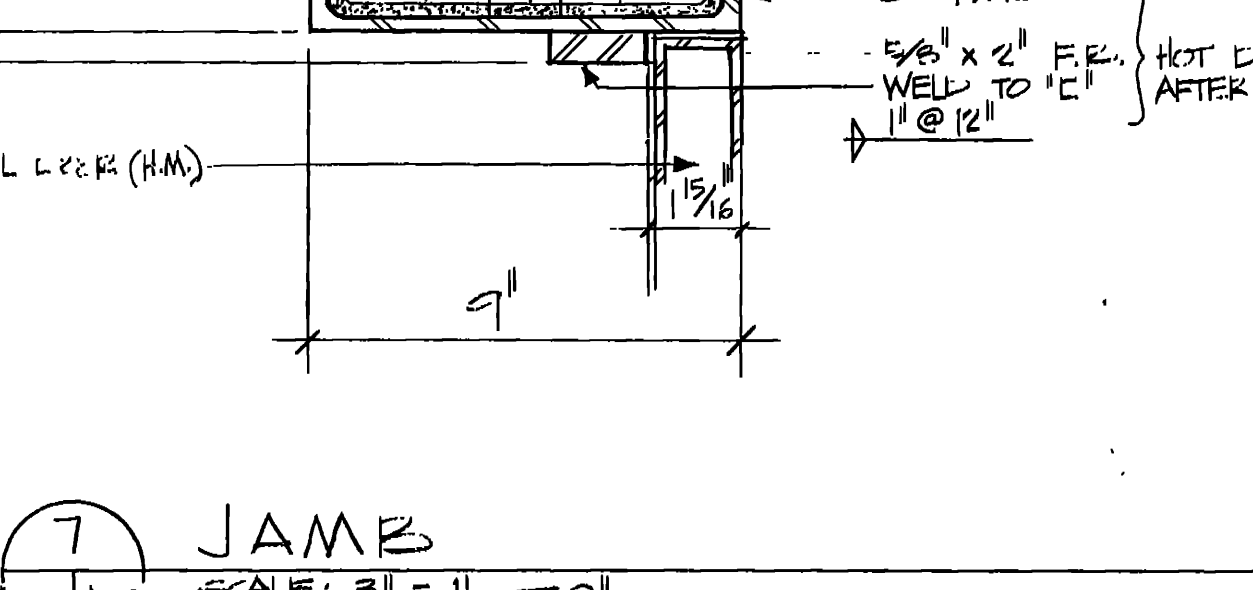
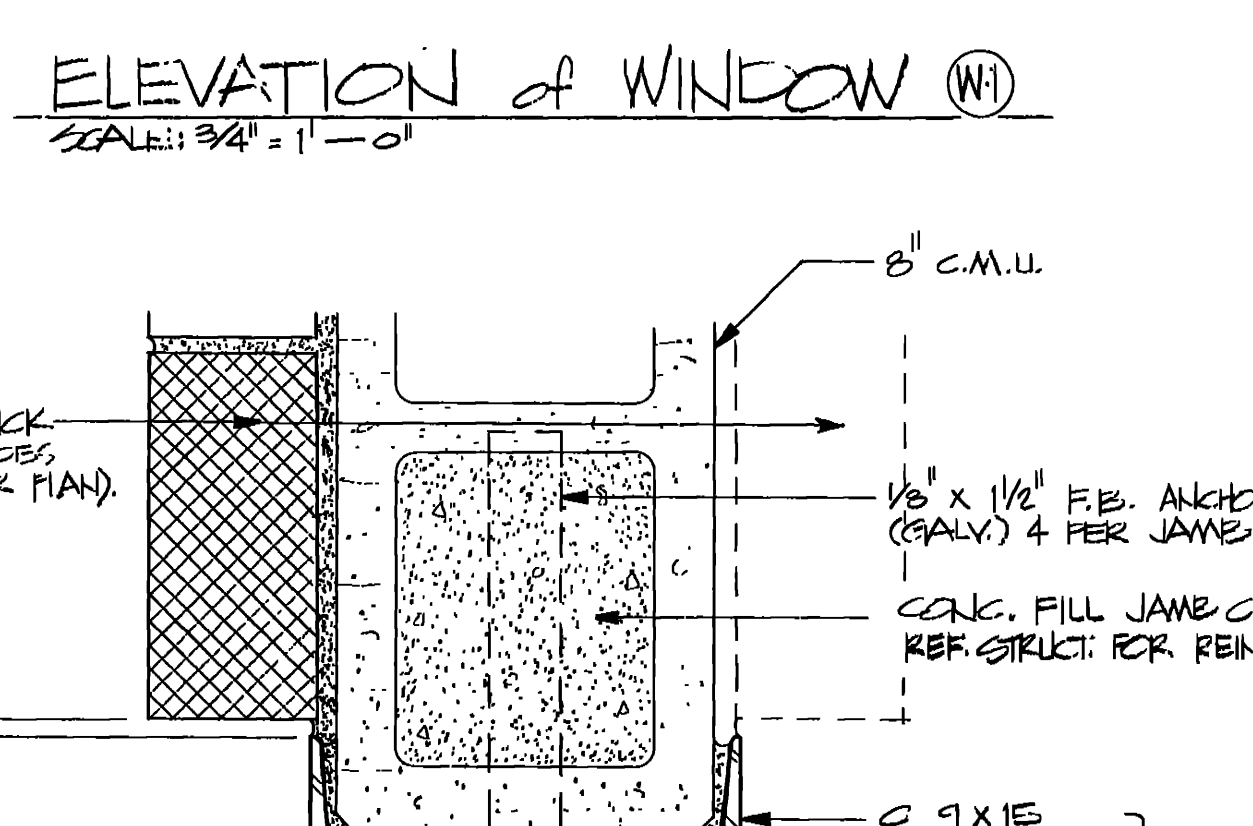
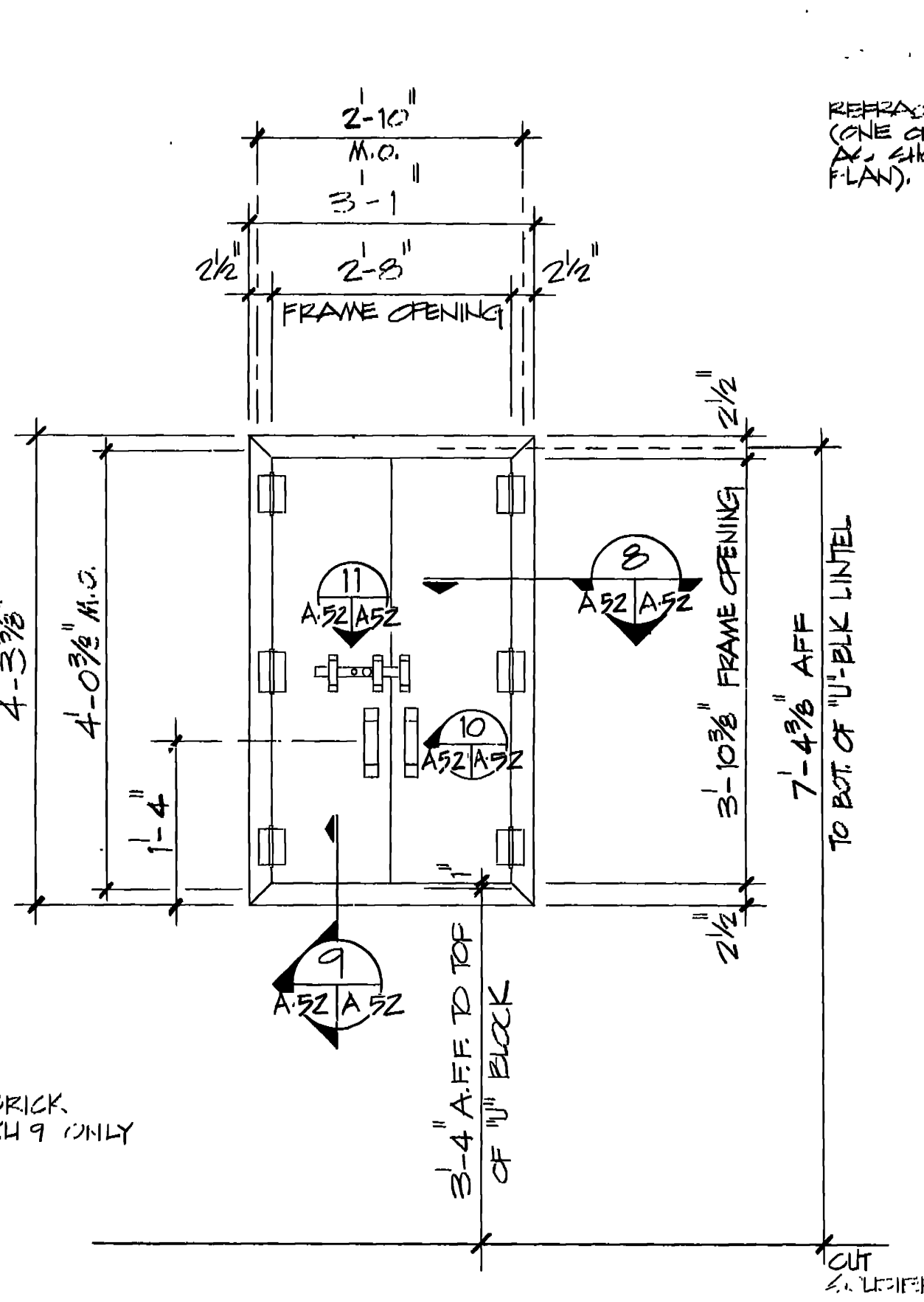
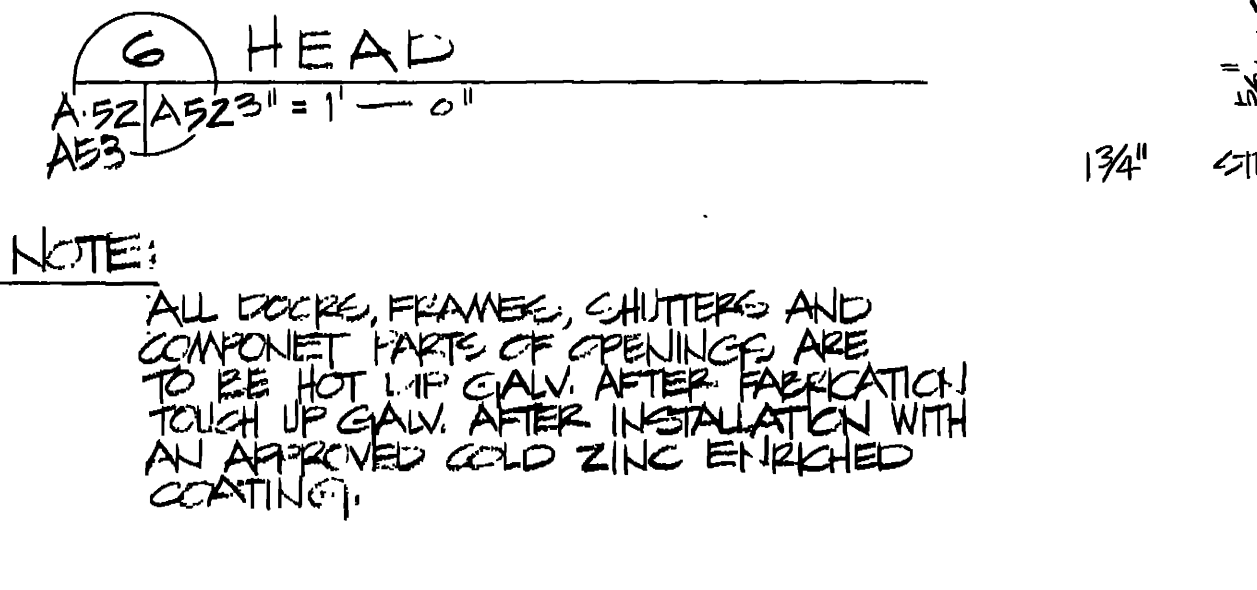
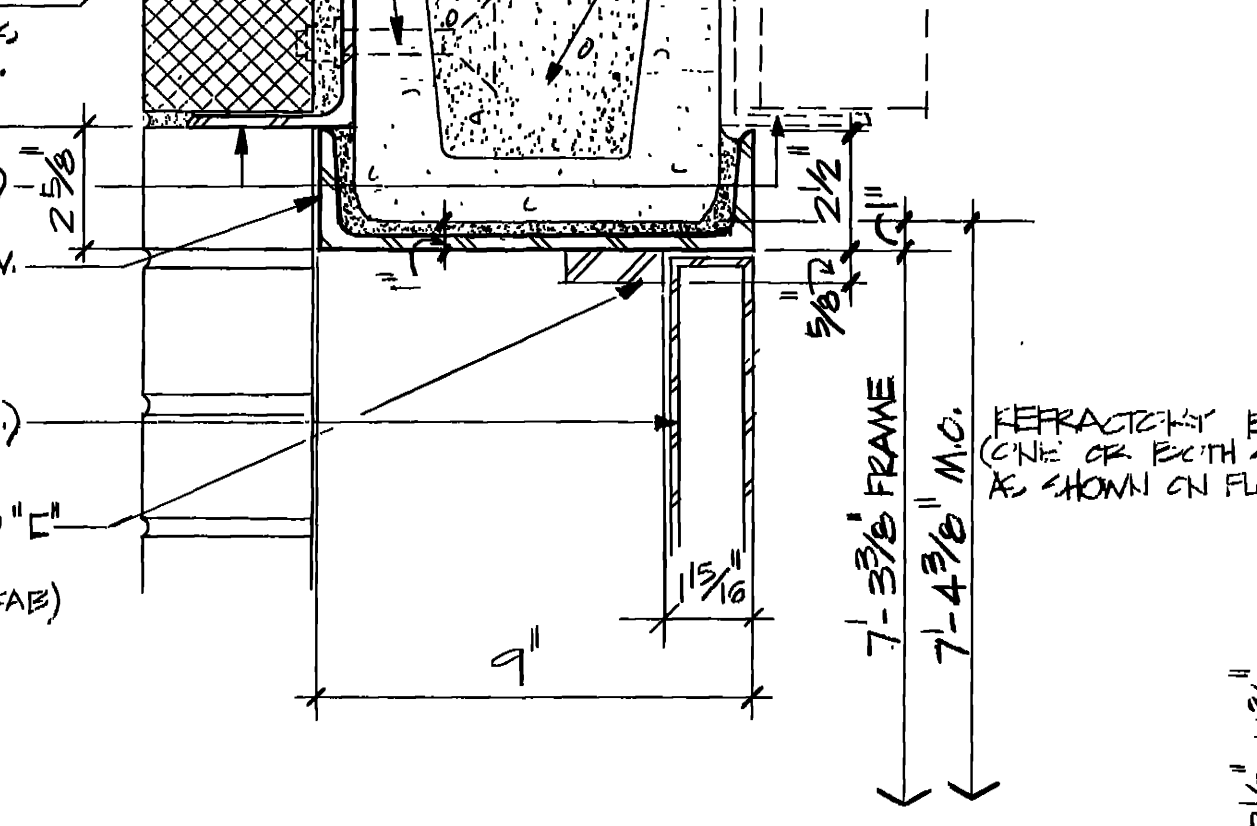
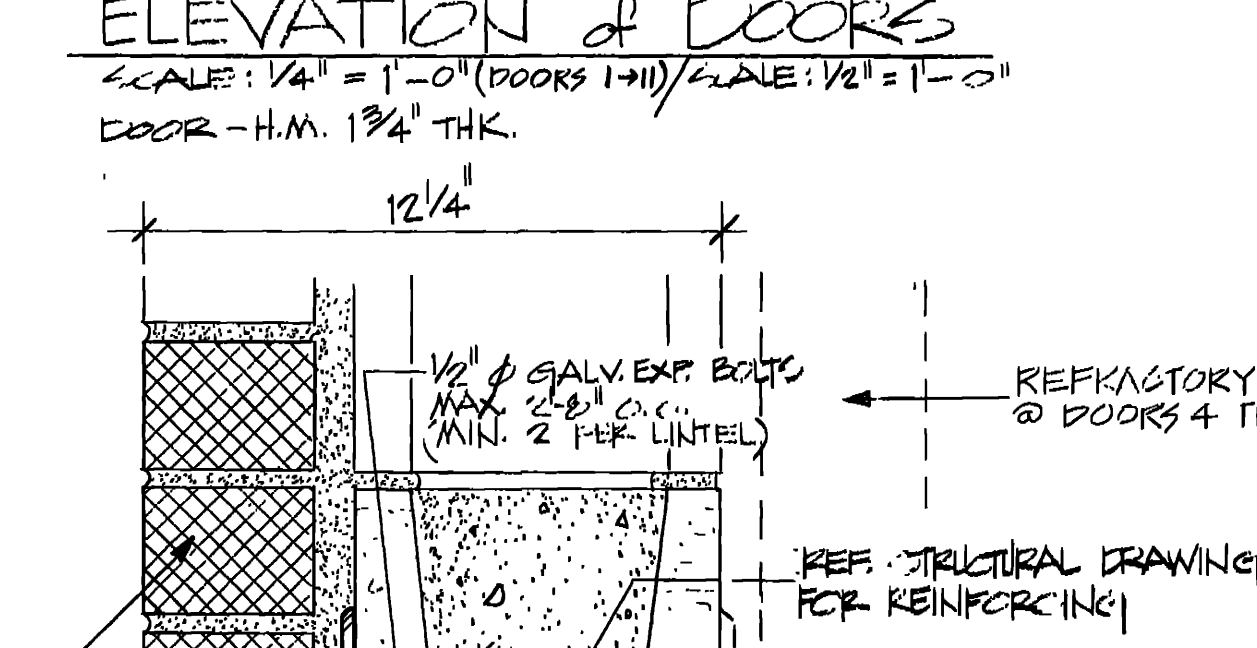
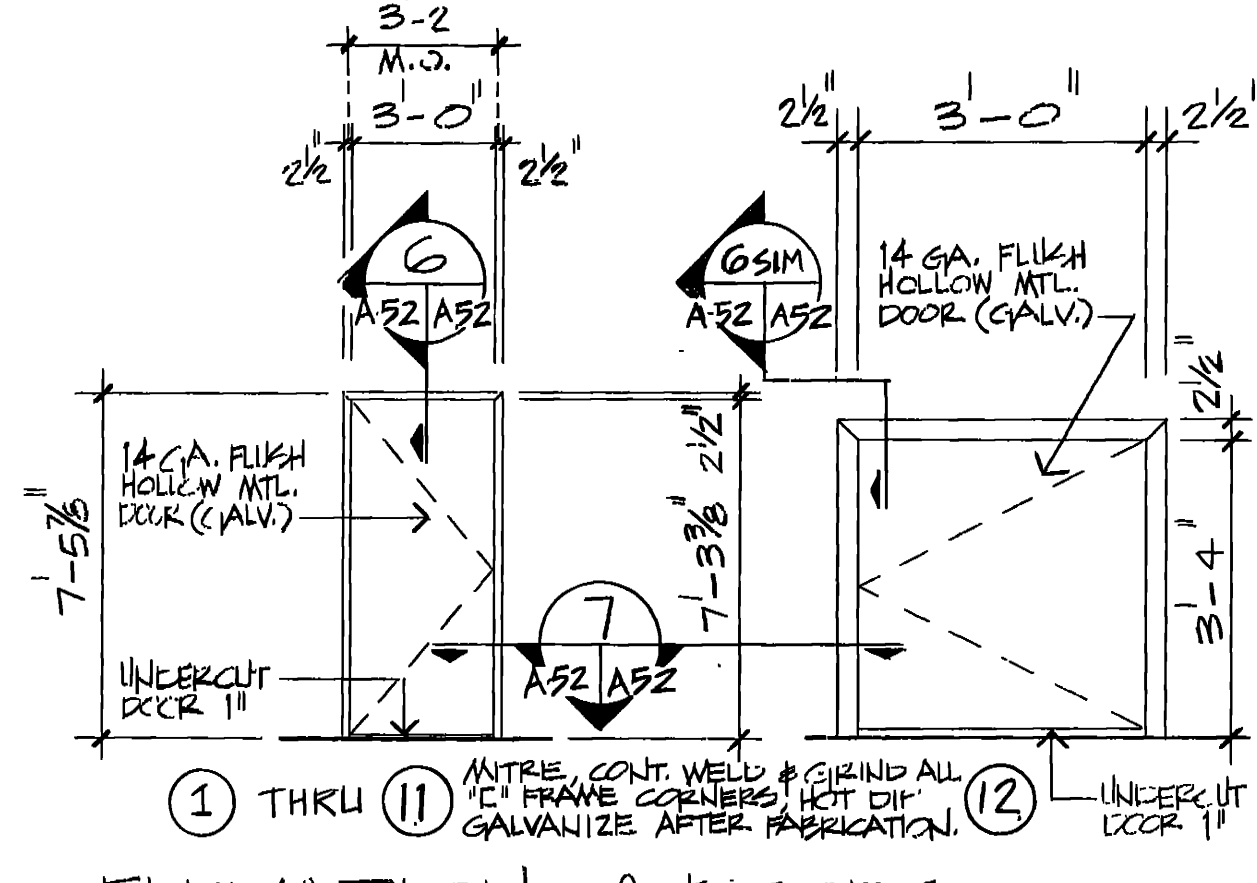
DATE: JUN 1992

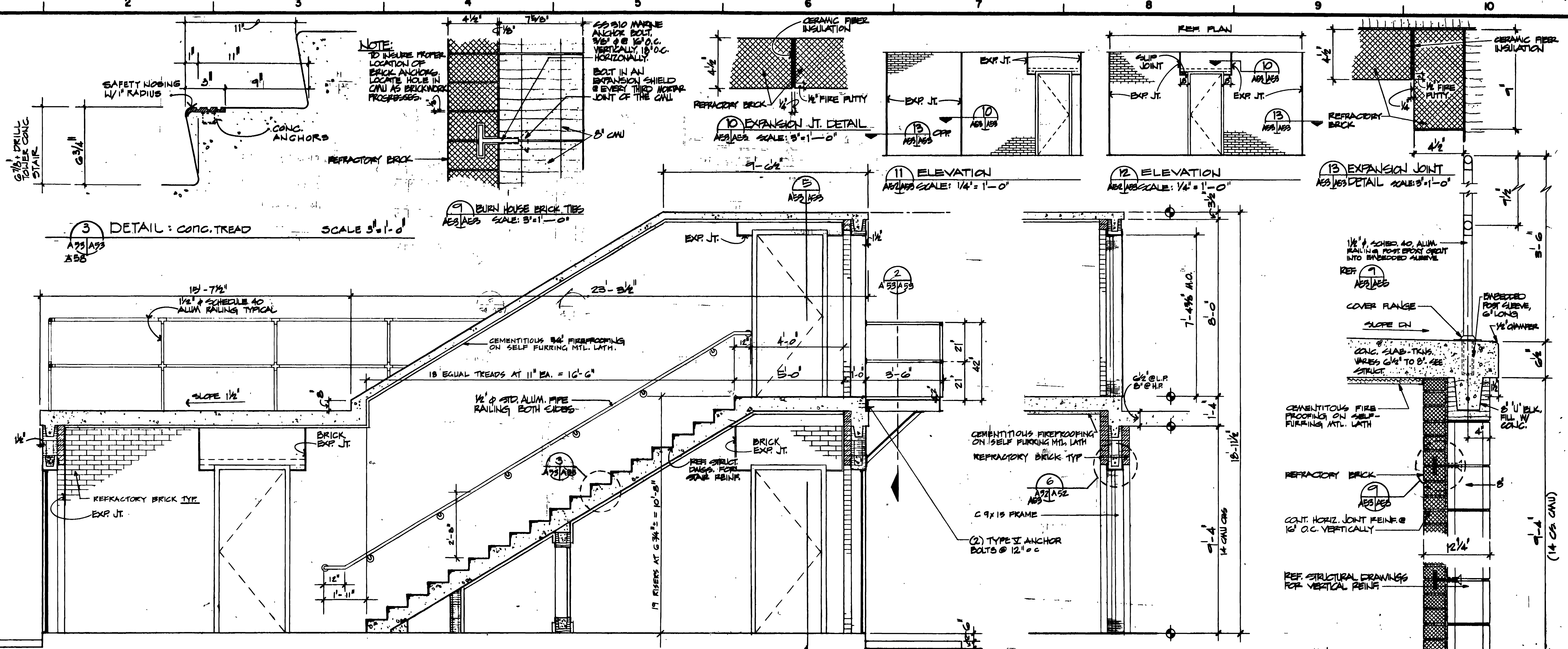
DRAWING NUMBER: A-B-62

135



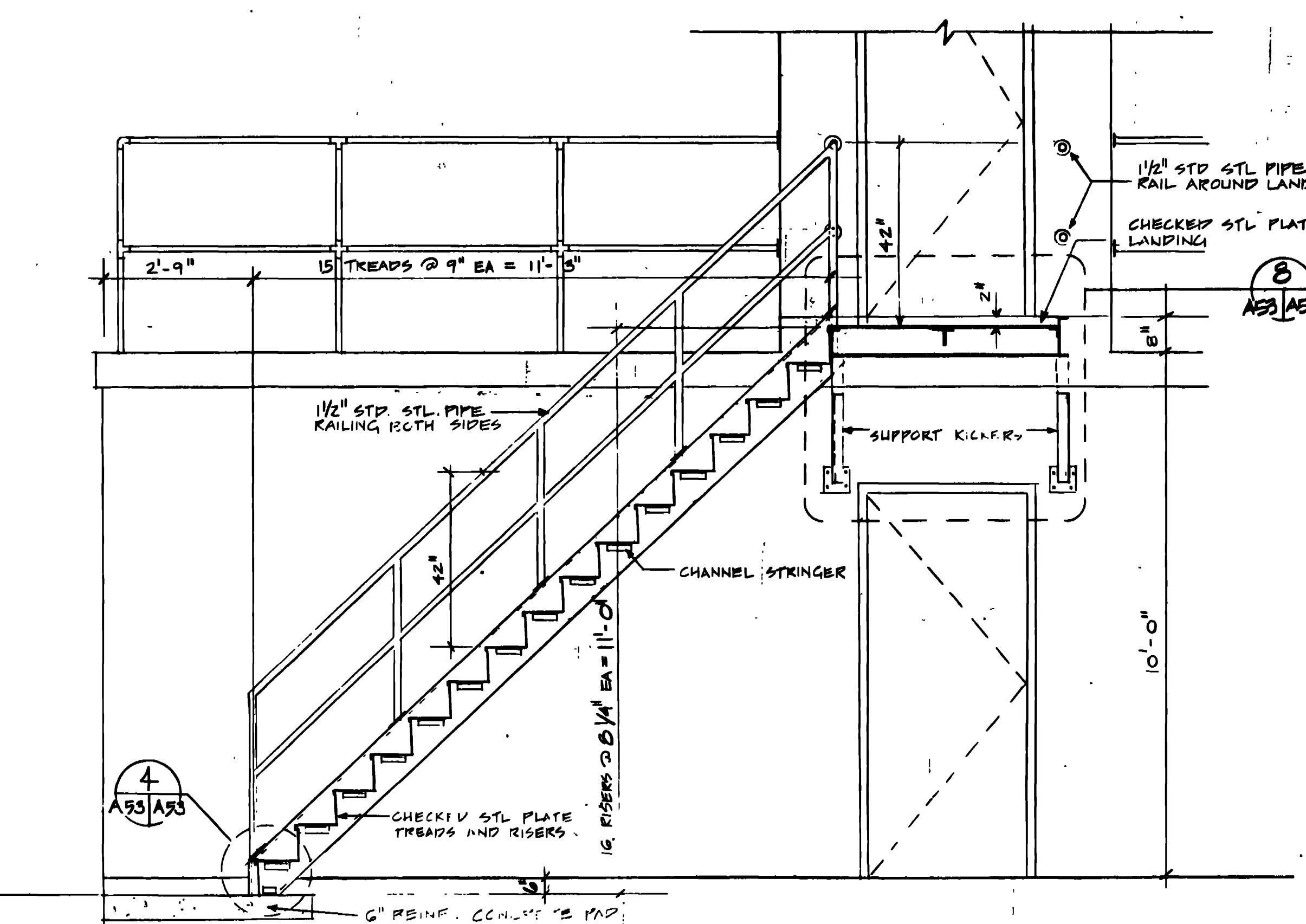
**HARDWARE NOTES:** ALL EXTERIOR DOORS ARE TO RECEIVE HW SET NO. 25 ALL INTERIOR DOORS RECEIVE HW SET NO. 26 DOOR (12) IS TO RECEIVE HW SET NO. 27



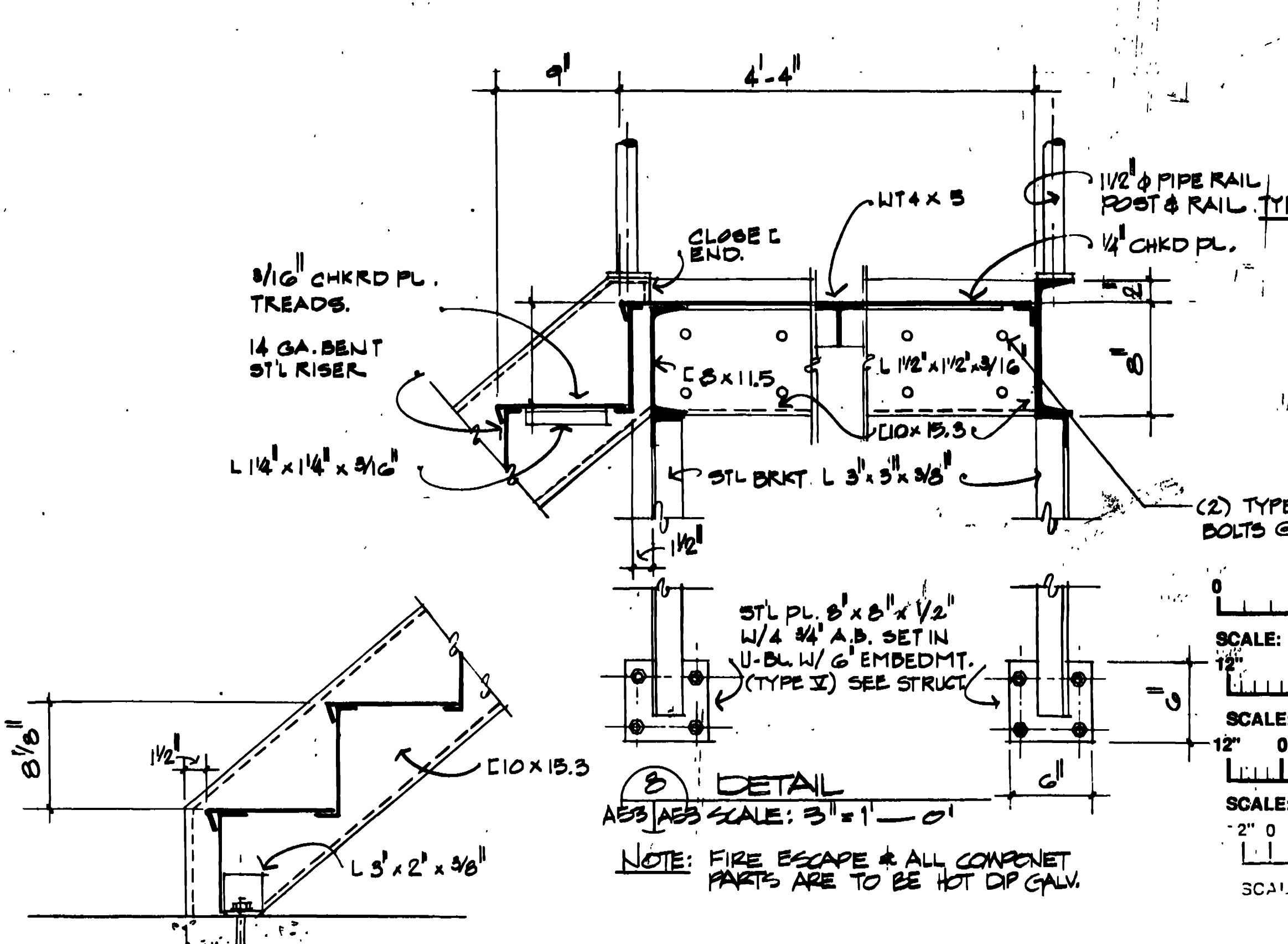


SECTION AT INTERIOR STAIR  
A-22/A-23 SCALE: 1/2" = 1'-0"

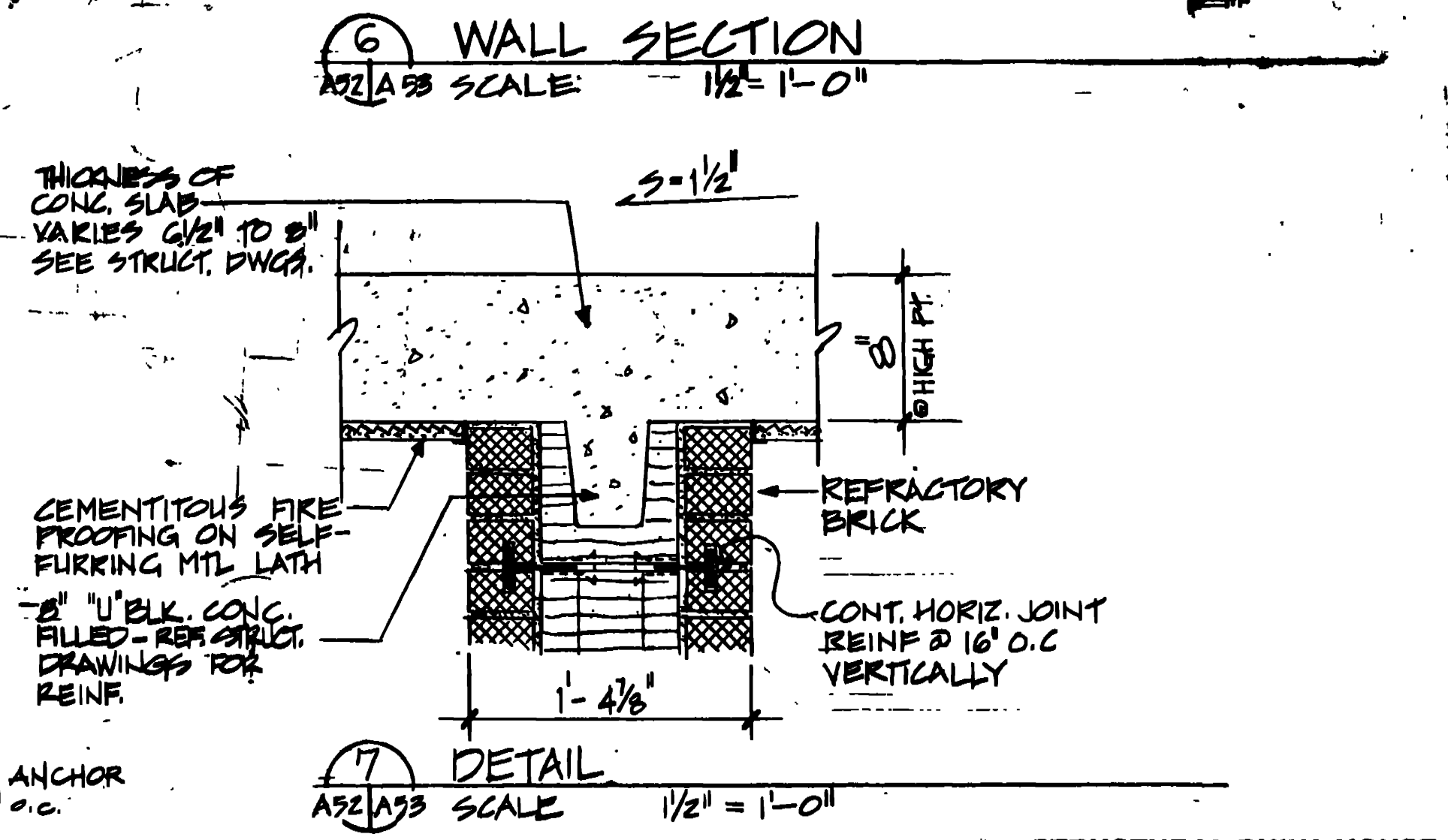
CROSS SECTION OF INTERIOR STAIR  
A-24/A-25 SCALE: 1/2" = 1'-0"



SECTION ON A FIRE ESCAPE  
A-21/A-22 SCALE: 1/2" = 1'-0"



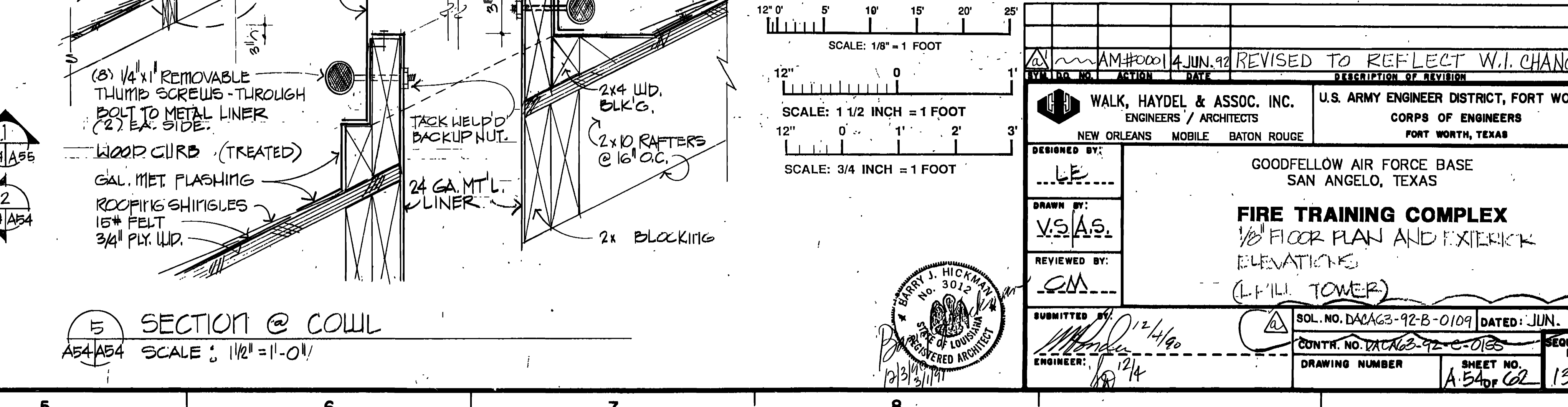
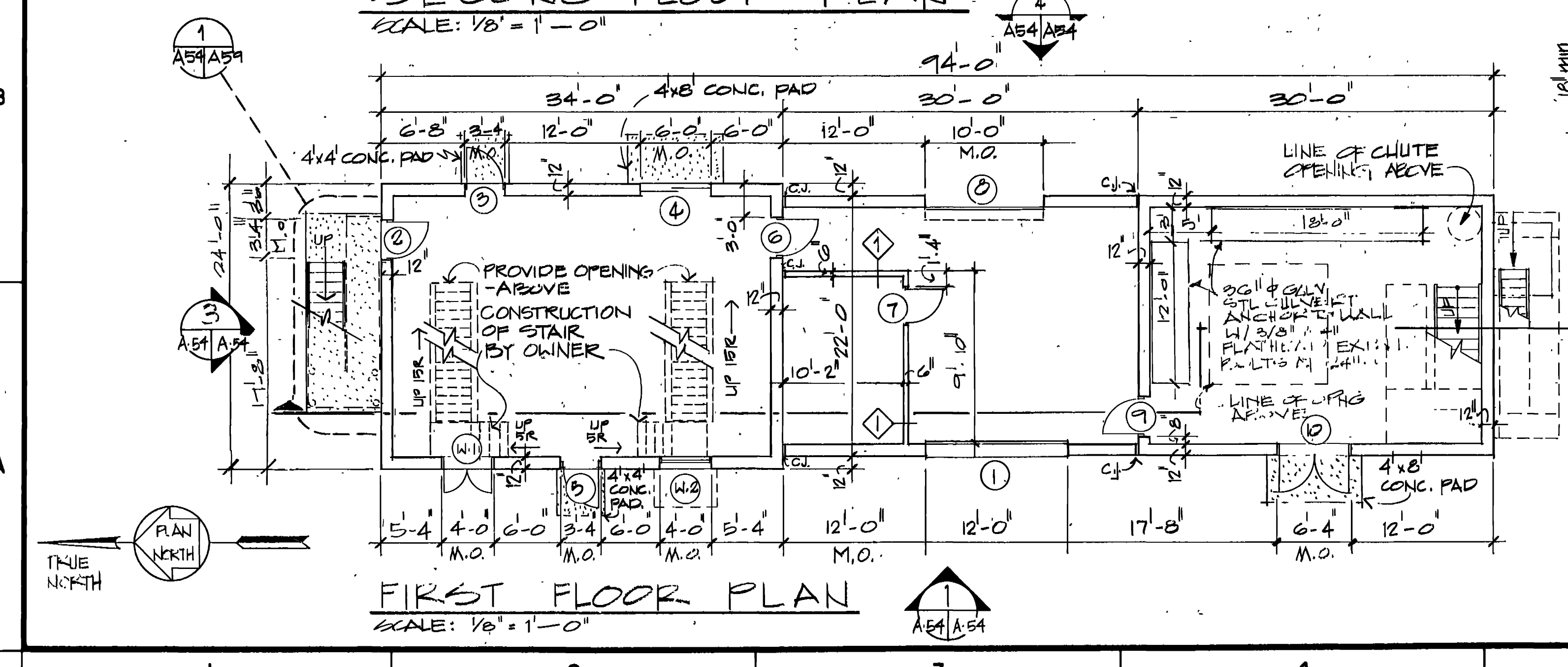
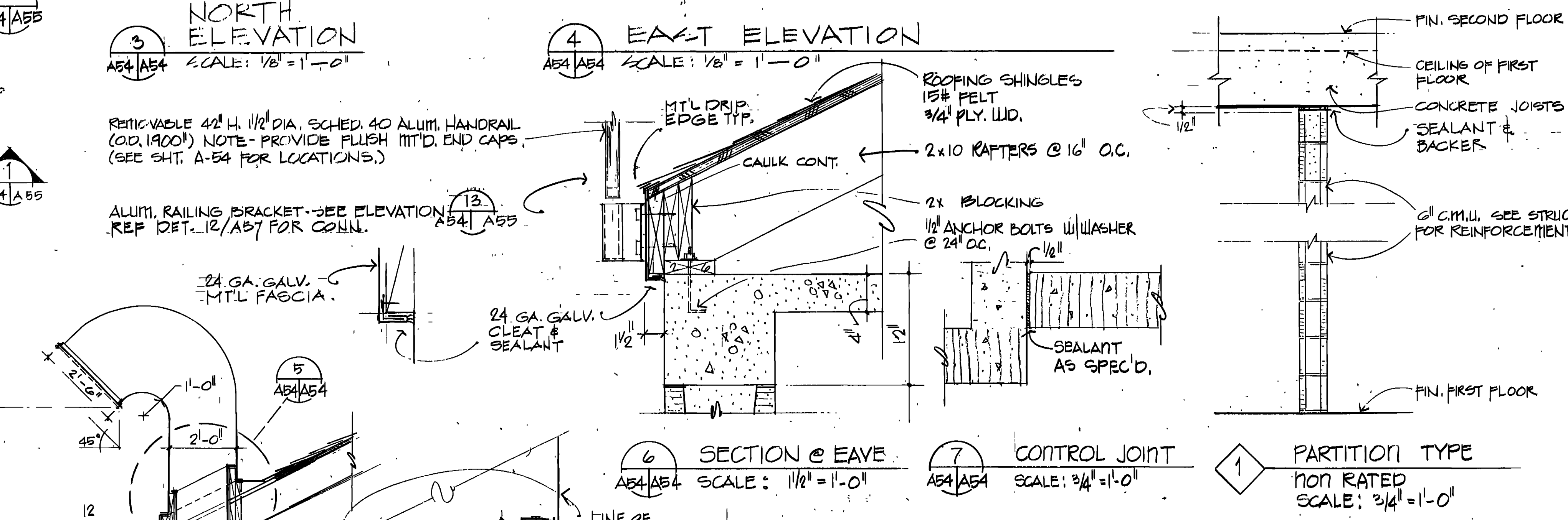
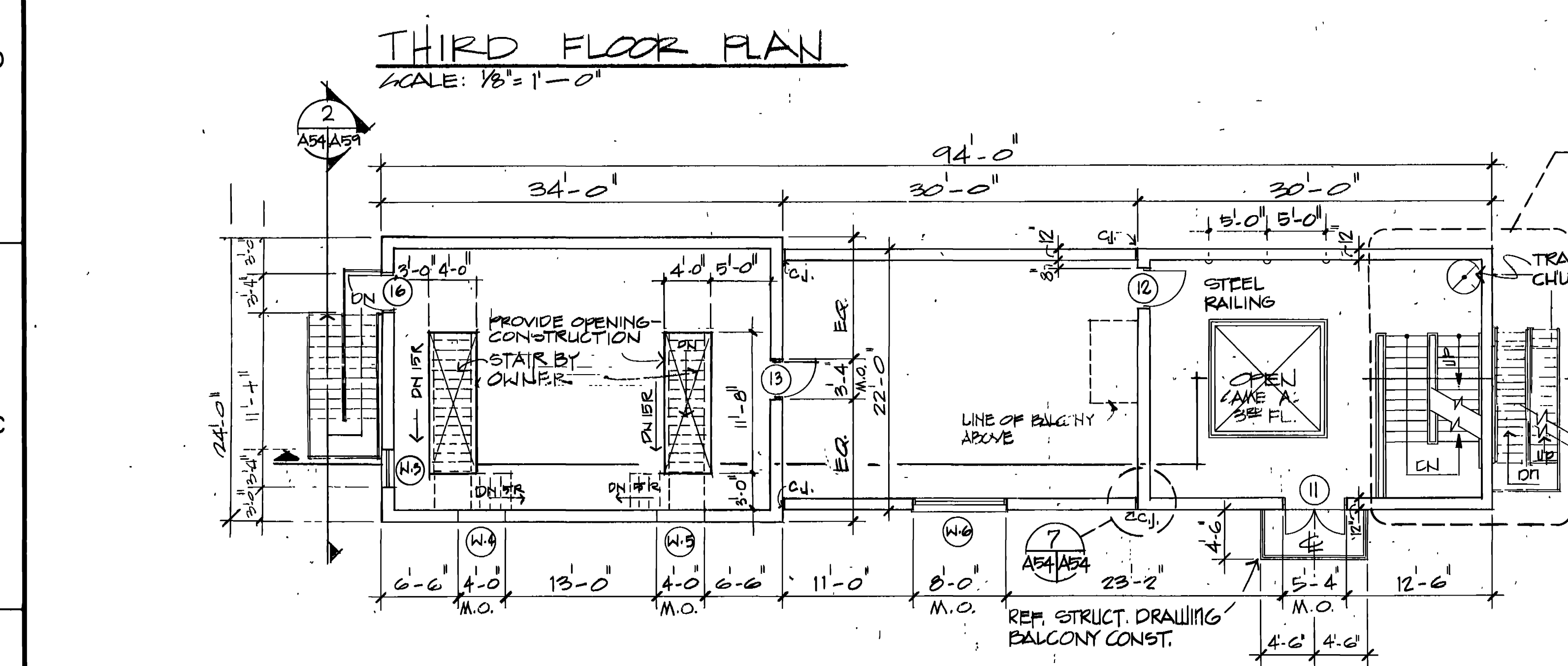
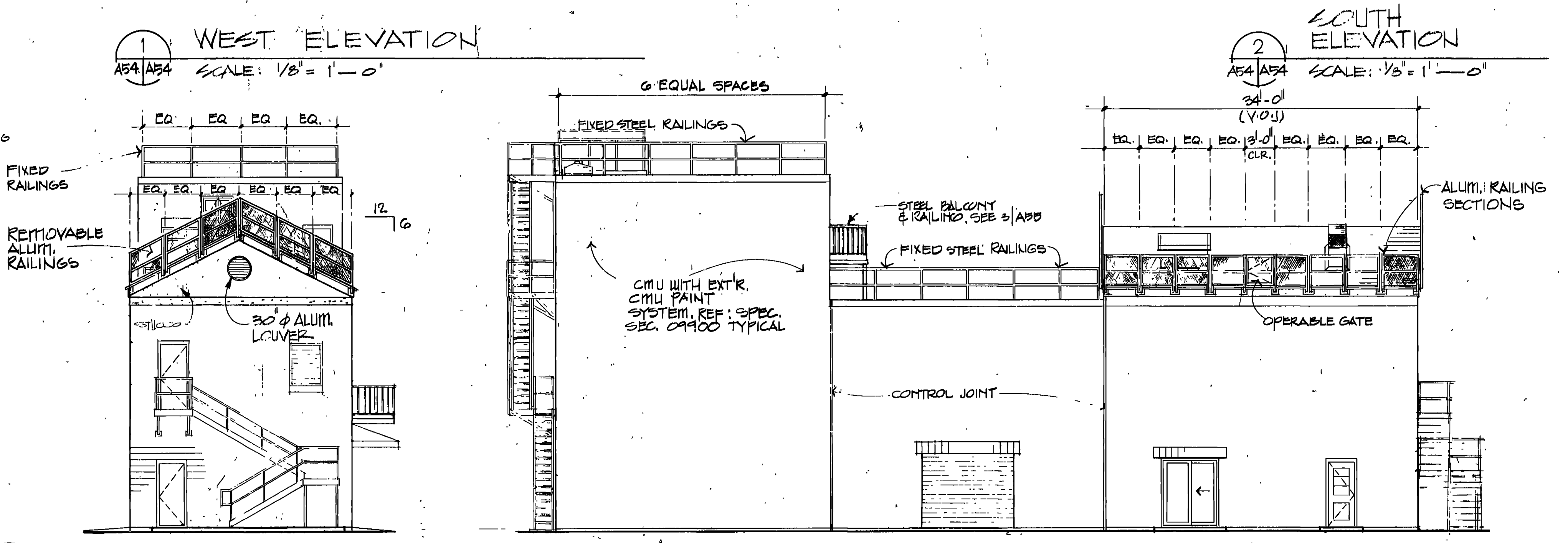
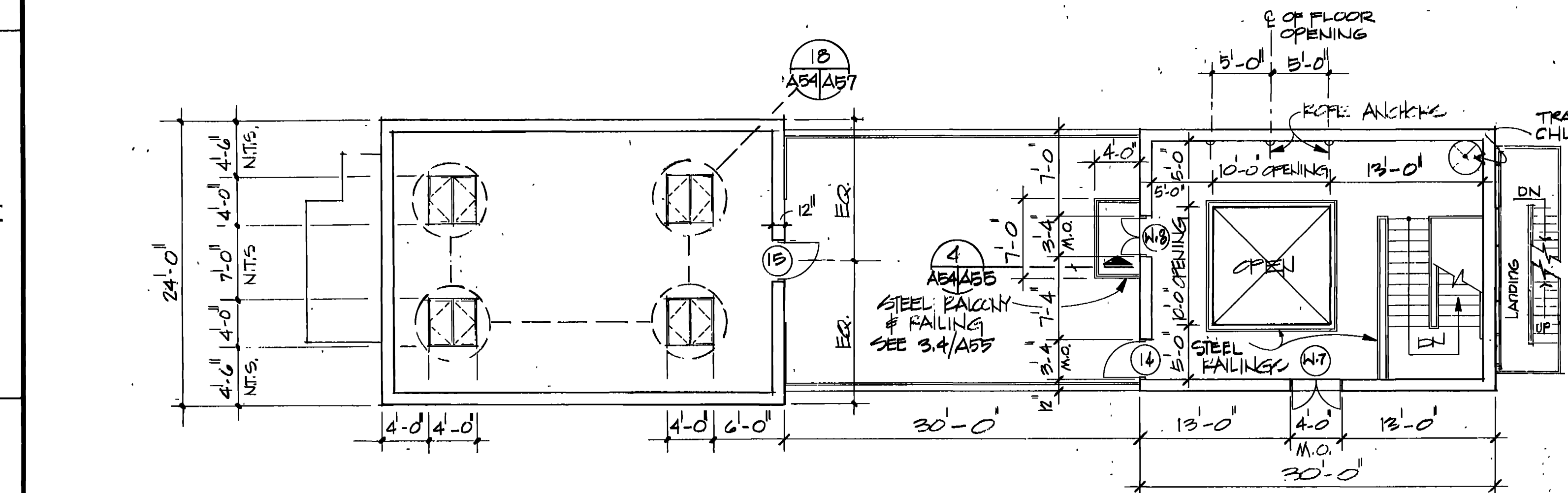
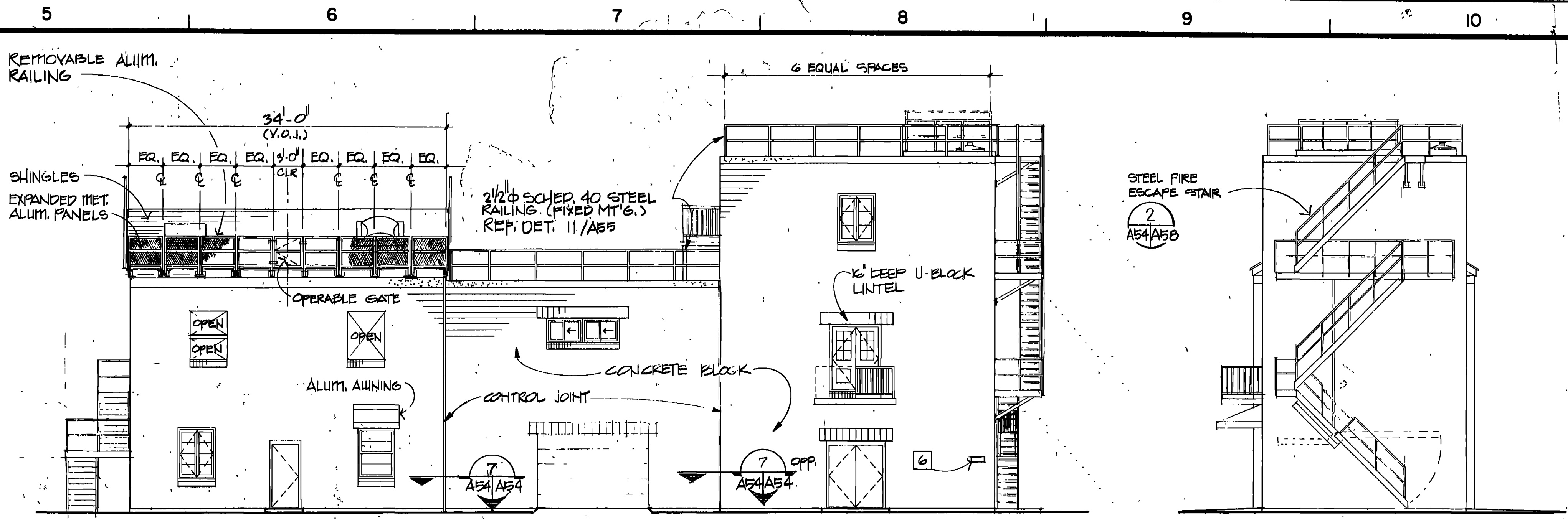
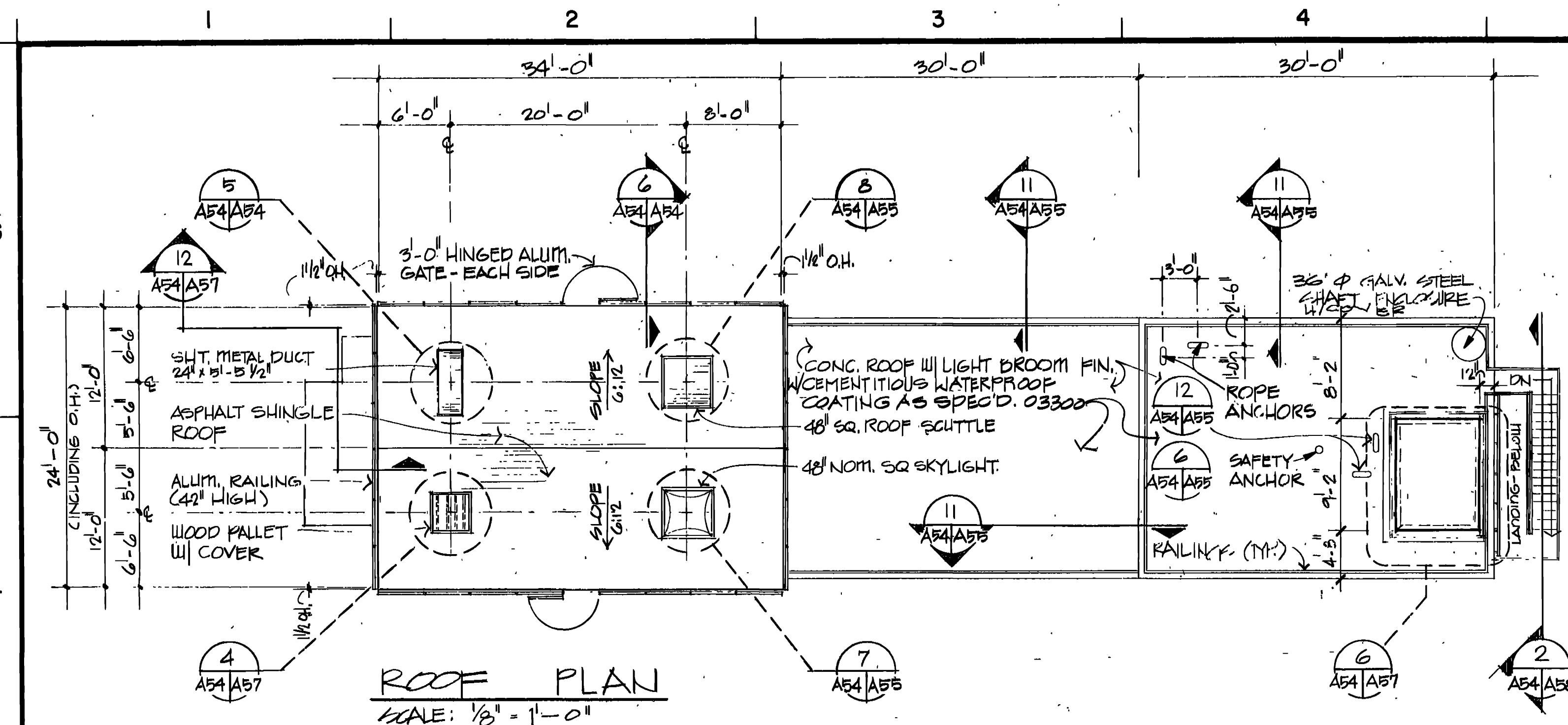
STRINGER ANCHORAGE @ PAD  
A-23/A-24 SCALE: 3/8" = 1'-0"



WALL SECTION  
A-26/A-27 SCALE: 1/2" = 1'-0"

DETAIL  
A-28/A-29 SCALE: 1/2" = 1'-0"

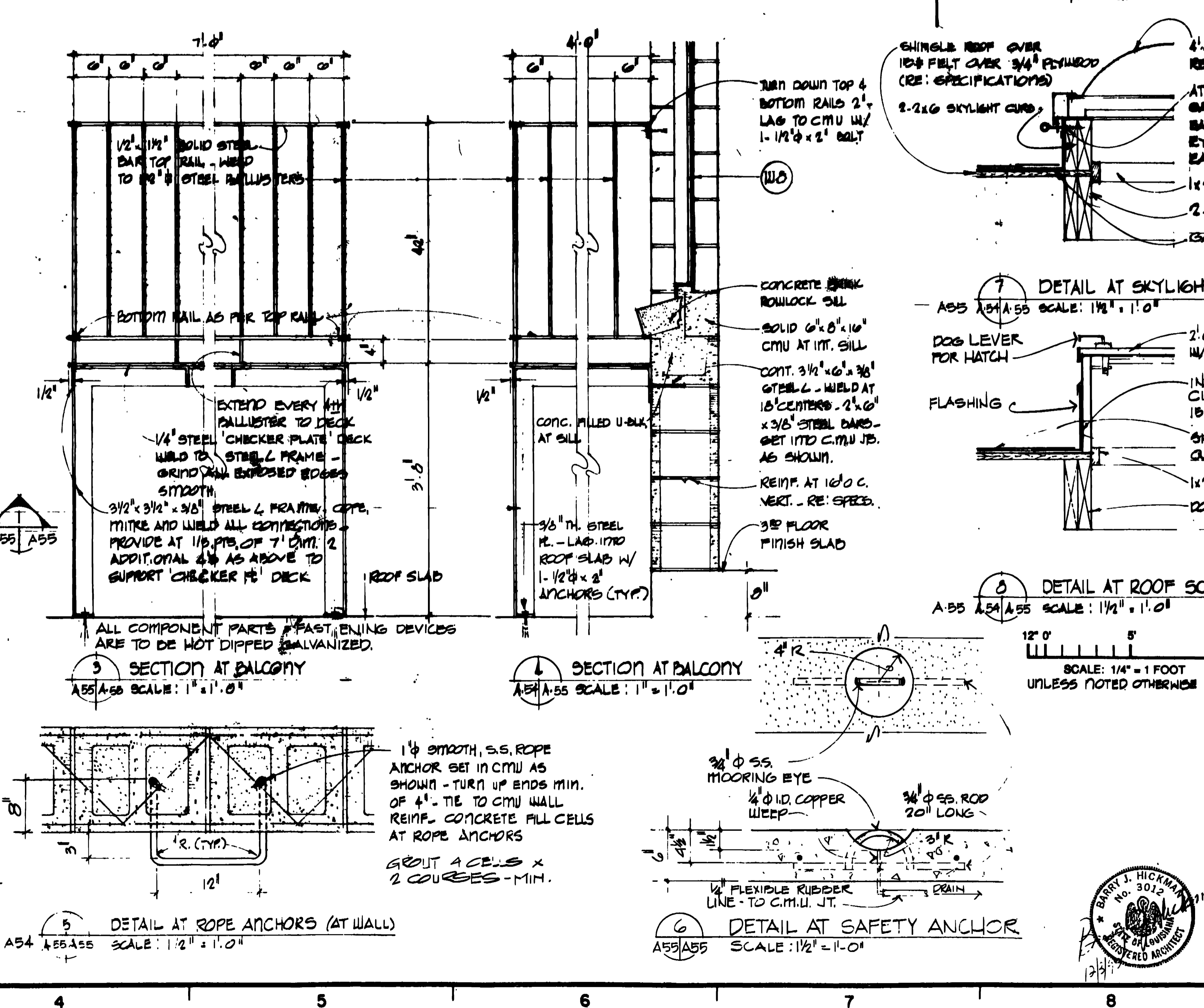
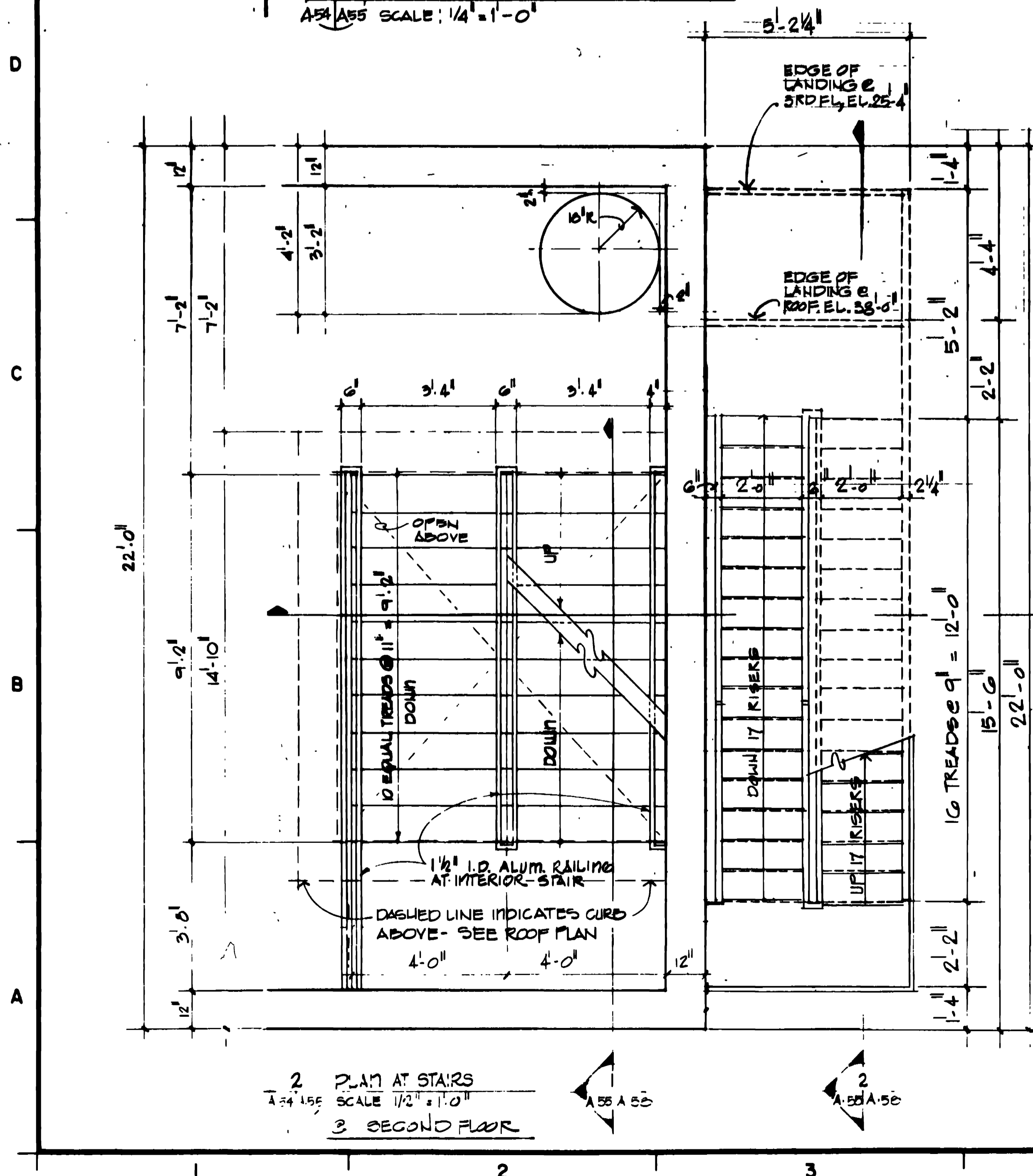
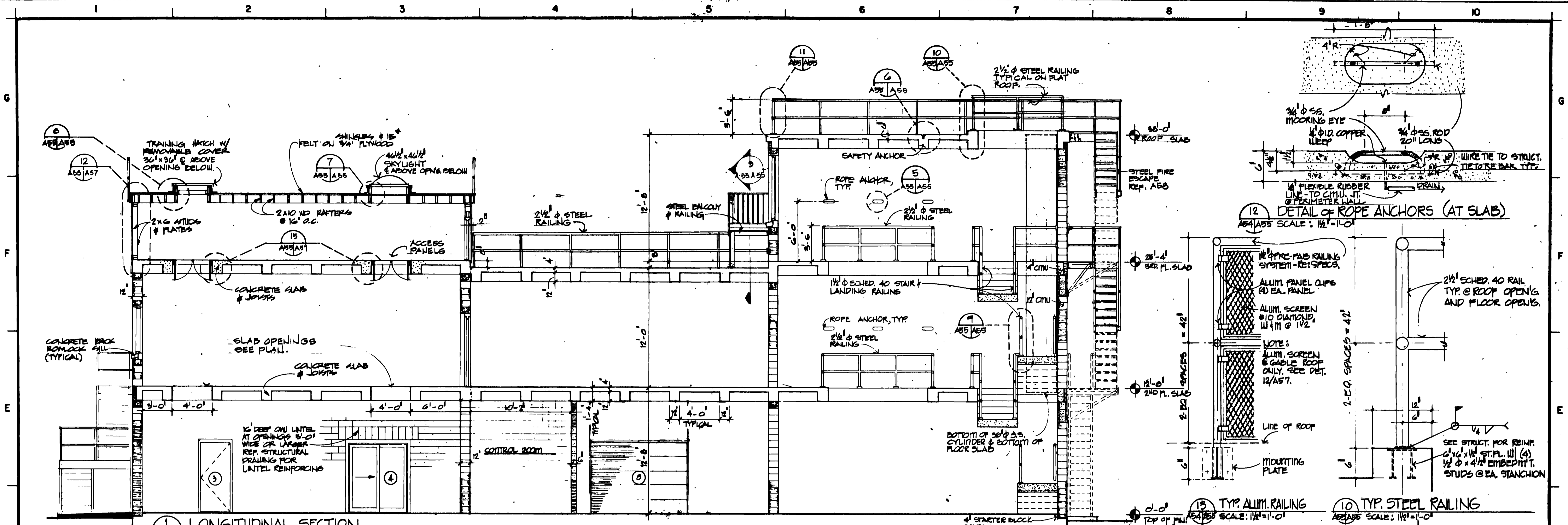
|  |   |
|--|---|
| AM#0001 4 JUN 92 REVISED TO REFLECT W.I. CHANGES                                       |   |
| WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS            |
| DESIGNED BY:<br>L.B.   | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS  |
| DRAWN BY:<br>YAT/KCM   | <b>FIRE TRAINING COMPLEX</b><br>WALL SECTIONS AND STAIR<br>DETAILS<br>(STRUCTURAL BURN HOUSE) |
| REVIEWED BY:<br>CM   |   |
| APPROVED BY:<br>[Signature]  |   |
| SHEET NO. 137  | DRAWING NUMBER A-23 OF 82   |



| REVISIONS |         | DATE     | DESCRIPTION OF REVISION         |
|-----------|---------|----------|---------------------------------|
| 1         | AM#0001 | 4 JUN 92 | REVISED TO REFLECT W.I. CHANGES |

|                        |                            |   |
|------------------------|----------------------------|---|
| DESIGNED BY:           | WALK, HAYDEL & ASSOC. INC. | U.S. ARMY ENGINEER DISTRICT, FORT WORTH                 |
| ENGINEERS / ARCHITECTS | NEW ORLEANS                | MOBILE  |
| MOBILE                 | BATON ROUGE                | CORPS OF ENGINEERS                                      |
|                        |                            | FORT WORTH, TEXAS                                       |
| DRAWN BY:              | V.S.A.S.                   | GOODFELLOW AIR FORCE BASE                               |
| REVIEWED BY:           | CM                         | SAN ANGELO, TEXAS                                       |
| SUBMITTED BY:          | 12/1/90                    | <b>FIRE TRAINING COMPLEX</b>                            |
| ENGINEER:              | 13/3/1991                  | 1/2 FLOOR PLAN AND EXTERIOR ELEVATIONS (L.F.I.L. TOWER) |
|                        |                            | SOL. NO. DAWG3-92B-0109 DATED: JUN. 1992                |
|                        |                            | CONTR. NO. DAWG3-92-C-0123                              |
|                        |                            | DRAWING NUMBER  |
|                        |                            | SHEET NO. 138   |

CONT. NO. DAWG3-92-C-0123



AM#0001 JUN 92 REVISED TO REFLECT W.I. CHANGES

WALK, HAYDEL & ASSOC. INC. U.S. ARMY ENGINEER DISTRICT, FORT WORTH  
 ENGINEERS / ARCHITECTS CORPS OF ENGINEERS  
 NEW ORLEANS MOBILE BATON ROUGE FORT WORTH, TEXAS

DESIGNED BY: CM  
 DRAWN BY: KLAS  
 REVIEWED BY: CM  
 SUBMITTED BY: [Signature]  
 ENGINEER: [Signature]

GOODFELLOW AIR FORCE BASE  
 SAN ANGELO, TEXAS

**FIRE TRAINING COMPLEX**  
 CROSS SECTION AND MISC. DETAILS  
 (DRILL TOWER)

SOL. NO. DACAG8-92-B-0181 DATED: JUN. 1992  
 CONFR. NO. DACAG8-92-B-0181  
 DRAWING NUMBER: A55 62 SHEET NO. 139

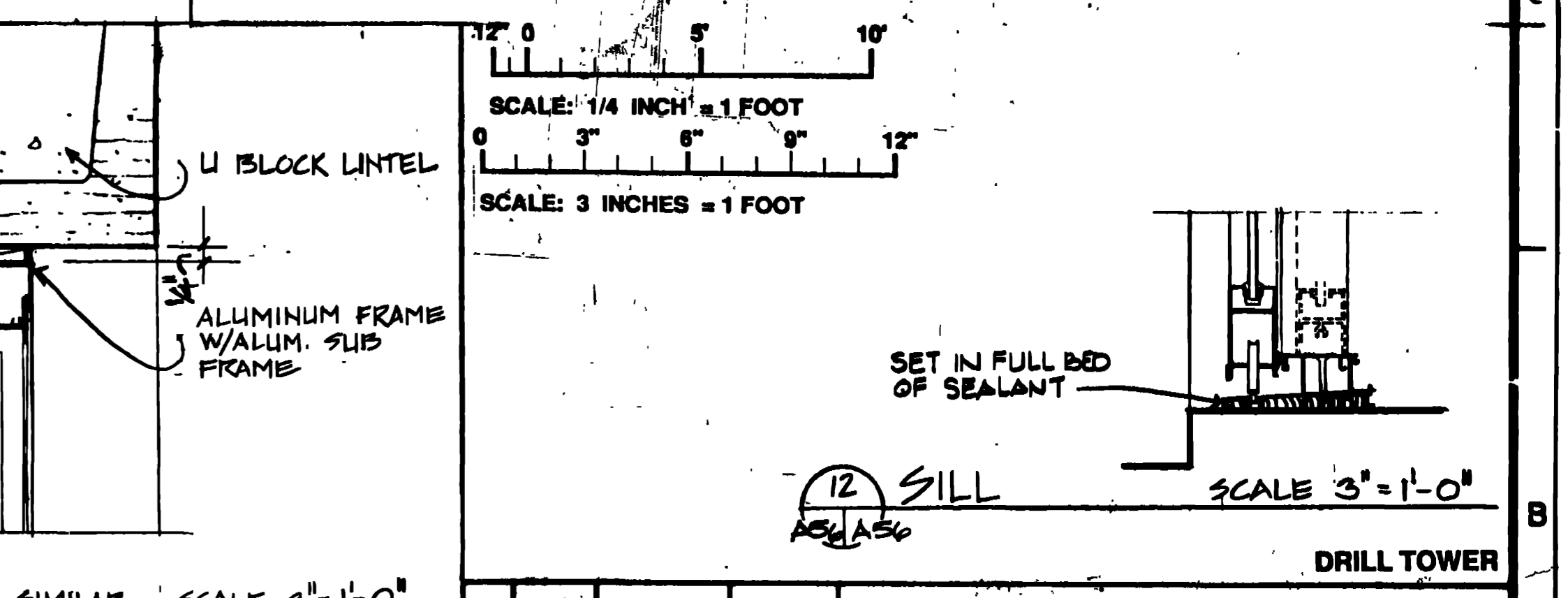
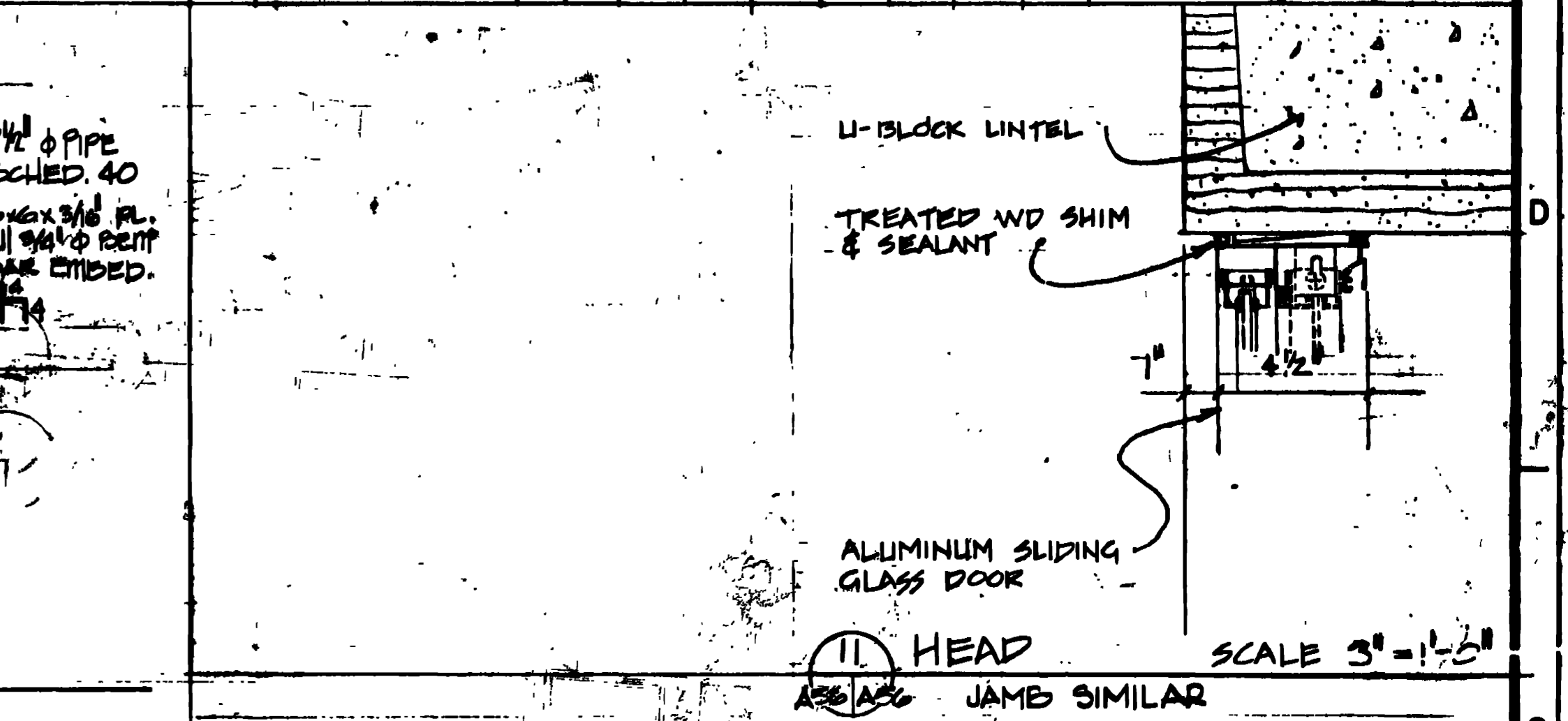
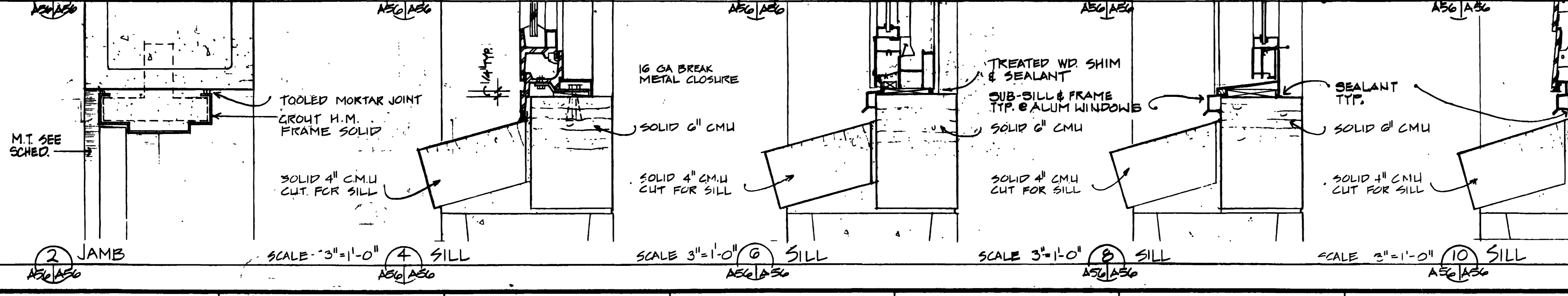
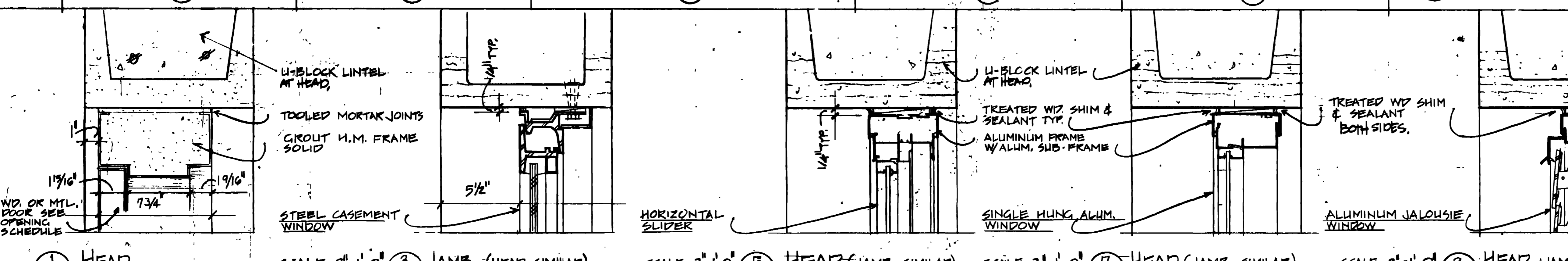
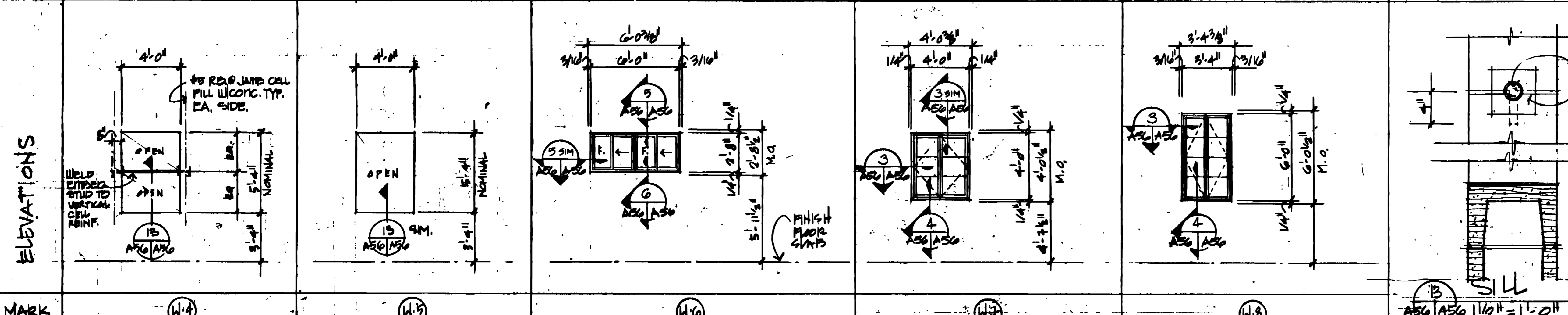
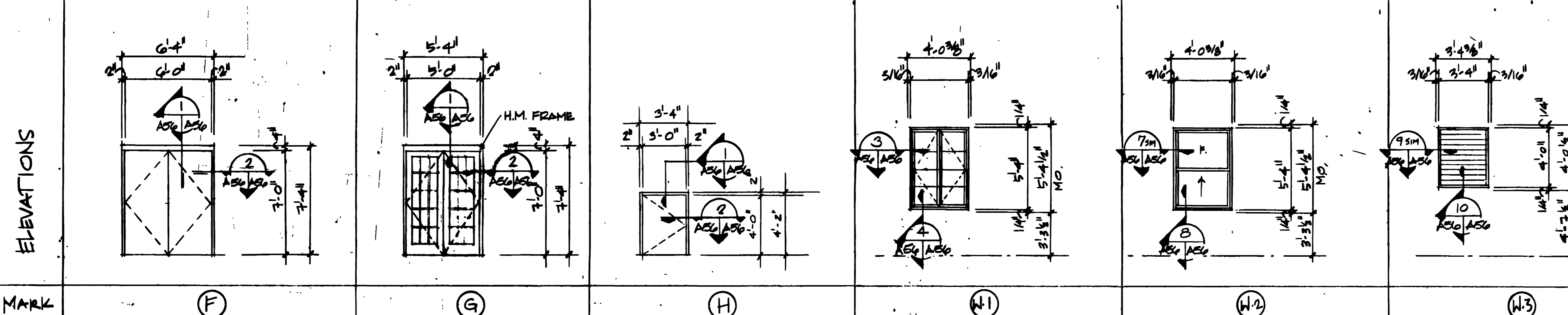
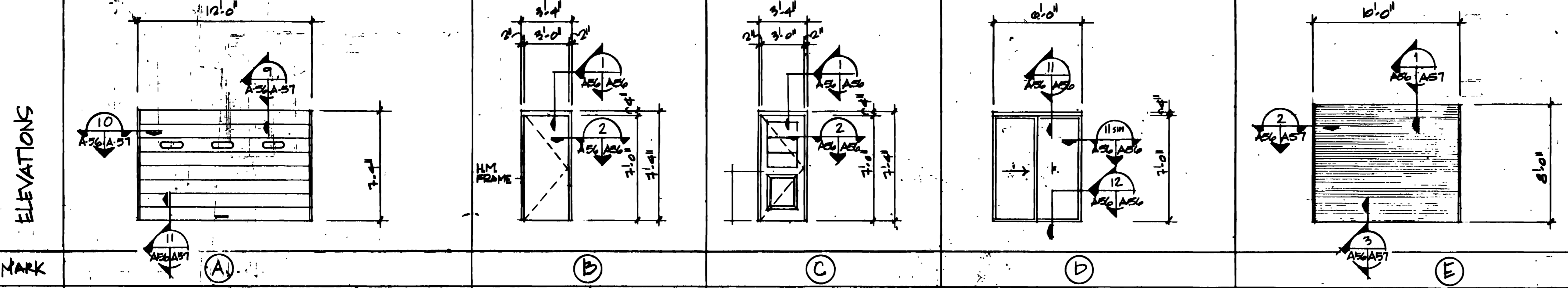
SCALE: 1/4" = 1 FOOT UNLESS NOTED OTHERWISE

DRILL TOWER

OPENING TYPES

OPENING SCHEDULE

| No. | SIZE              | THICKNESS | TYPE  | FINISH      | GLASS      | OPERATION | MARKING | FINISH                                     | REMARKS |
|-----|-------------------|-----------|-------|-------------|------------|-----------|---------|--|---------|
| 1   | 12'-0" x 7'-4"    | NA        | A     | STL         | 1/2" GLASS | NA        | NA      | SECTIONAL STEEL (REF: 08350)               |         |
| 2   | 3'-0" x 7'-0"     | 1 1/2"    | B     | H.M.        | 1/2" GLASS | NA        | NA      |  |         |
| 3   | 3'-0" x 7'-0"     | 1 1/2"    | C     | W.R.        | 1/2" GLASS | NA        | NA      |  |         |
| 4   | 3'-0" x 7'-0"     | 1 1/2"    | D     | ALUM.       | 1/2" GLASS | NA        | NA      |  |         |
| 5   | 3'-0" x 7'-0"     | 1 1/2"    | B     | H.M.        | 1/2" GLASS | NA        | NA      |  |         |
| 6   | 3'-0" x 7'-0"     | 1 1/2"    | B     | H.M.        | 1/2" GLASS | NA        | NA      |  |         |
| 7   | 3'-0" x 7'-0"     | 1 1/2"    | B     | H.M.        | 1/2" GLASS | NA        | NA      |  |         |
| 8   | 10'-0" x 3'-0"    | 1 1/2"    | E     | STL         | 1/2" GLASS | NA        | NA      | OVERHEAD CEILING (REF: 08350)              |         |
| 9   | 3'-0" x 7'-0"     | 1 1/2"    | B     | H.M.        | 1/2" GLASS | NA        | NA      |  |         |
| 10  | (2) 3'-0" x 7'-0" | 1 1/2"    | F     | H.M.        | 1/2" GLASS | NA        | NA      |  |         |
| 11  | 3'-0" x 7'-0"     | 1 1/2"    | G     | W.D.        | 1/2" GLASS | NA        | NA      |  |         |
| 12  | 3'-0" x 7'-0"     | 1 1/2"    | B     | H.M.        | 1/2" GLASS | NA        | NA      |  |         |
| 13  | 3'-0" x 7'-0"     | 1 1/2"    | B     | H.M.        | 1/2" GLASS | NA        | NA      |  |         |
| 14  | 3'-0" x 7'-0"     | 1 1/2"    | B     | H.M.        | 1/2" GLASS | NA        | NA      |  |         |
| 15  | 3'-0" x 7'-0"     | 1 1/2"    | B     | H.M.        | 1/2" GLASS | NA        | NA      |  |         |
| 16  | 3'-0" x 7'-0"     | 1 1/2"    | B     | H.M.        | 1/2" GLASS | NA        | NA      |  |         |
| W-1 | 4'-0" x 5'-4"     | NA        | STL   | 3/8" x 3/8" | ALUM.      | NA        | NA      |  |         |
| W-2 | 4'-0" x 5'-4"     | NA        | ALUM. | 3/8" x 3/8" | ALUM.      | NA        | NA      |  |         |
| W-3 | 3'-0" x 5'-4"     | NA        | NA    | NA          | NA         | NA        | NA      | NO WINDOW - FINISHED VARNISH OPENING ONLY. |         |
| W-4 | 4'-0" x 5'-4"     | NA        | NA    | NA          | NA         | NA        | NA      | NO WINDOW - FINISHED VARNISH OPENING ONLY. |         |
| W-5 | 4'-0" x 5'-4"     | NA        | NA    | NA          | NA         | NA        | NA      |  |         |
| W-6 | 6'-0" x 2'-8"     | NA        | ALUM. | 3/8" x 3/8" | ALUM.      | NA        | NA      |  |         |
| W-7 | 4'-0" x 4'-0"     | NA        | STL   | 3/8" x 3/8" | ALUM.      | NA        | NA      |  |         |
| W-8 | 3'-4" x 6'-0"     | NA        | STL   | 3/8" x 3/8" | ALUM.      | NA        | NA      |  |         |



SCALE: 1/4" = 1 FOOT  
SCALE: 3 INCHES = 1 FOOT

DRILL TOWER

WALK, HAYDEL & ASSOC. INC.  
ENGINEERS / ARCHITECTS  
NEW ORLEANS MOBILE BATON ROUGE

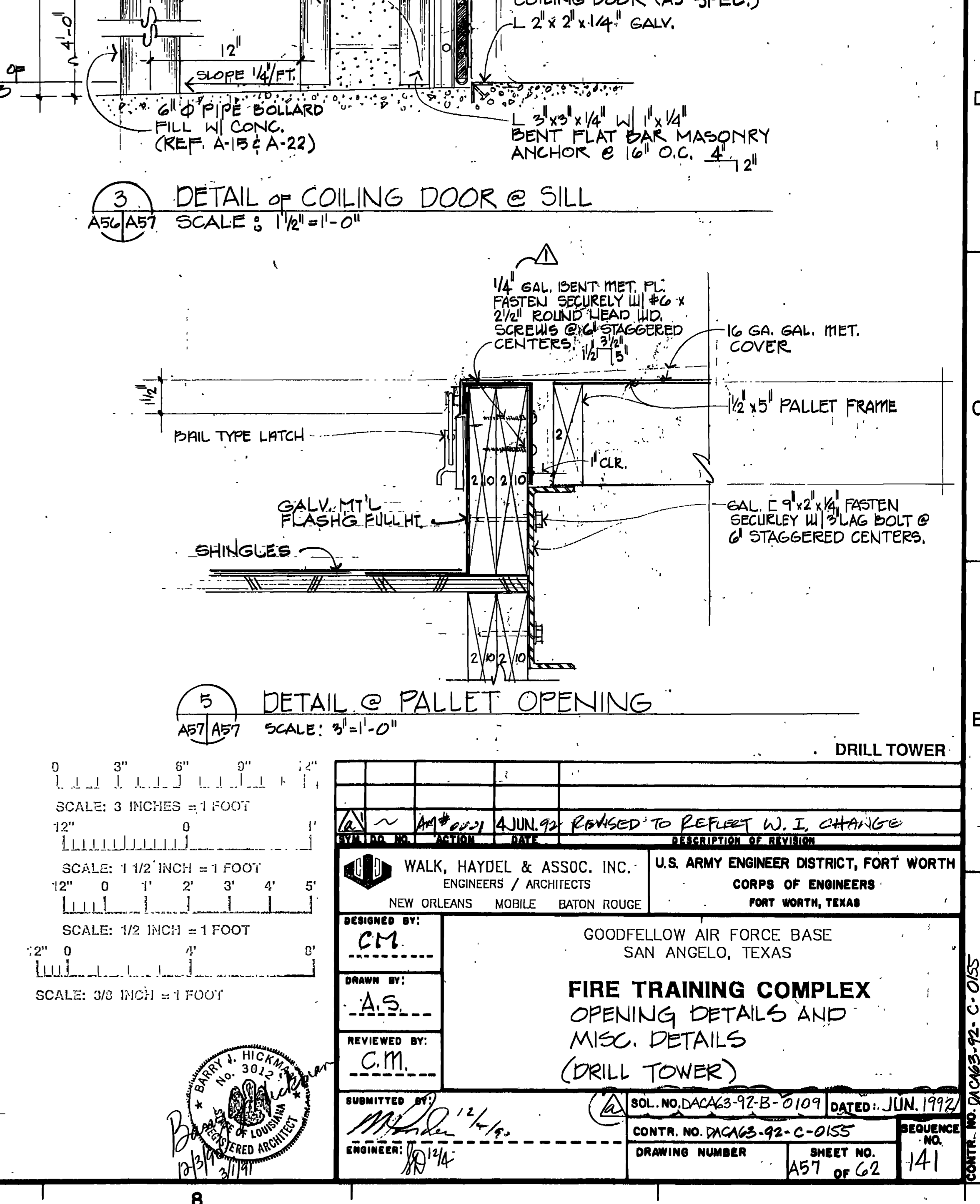
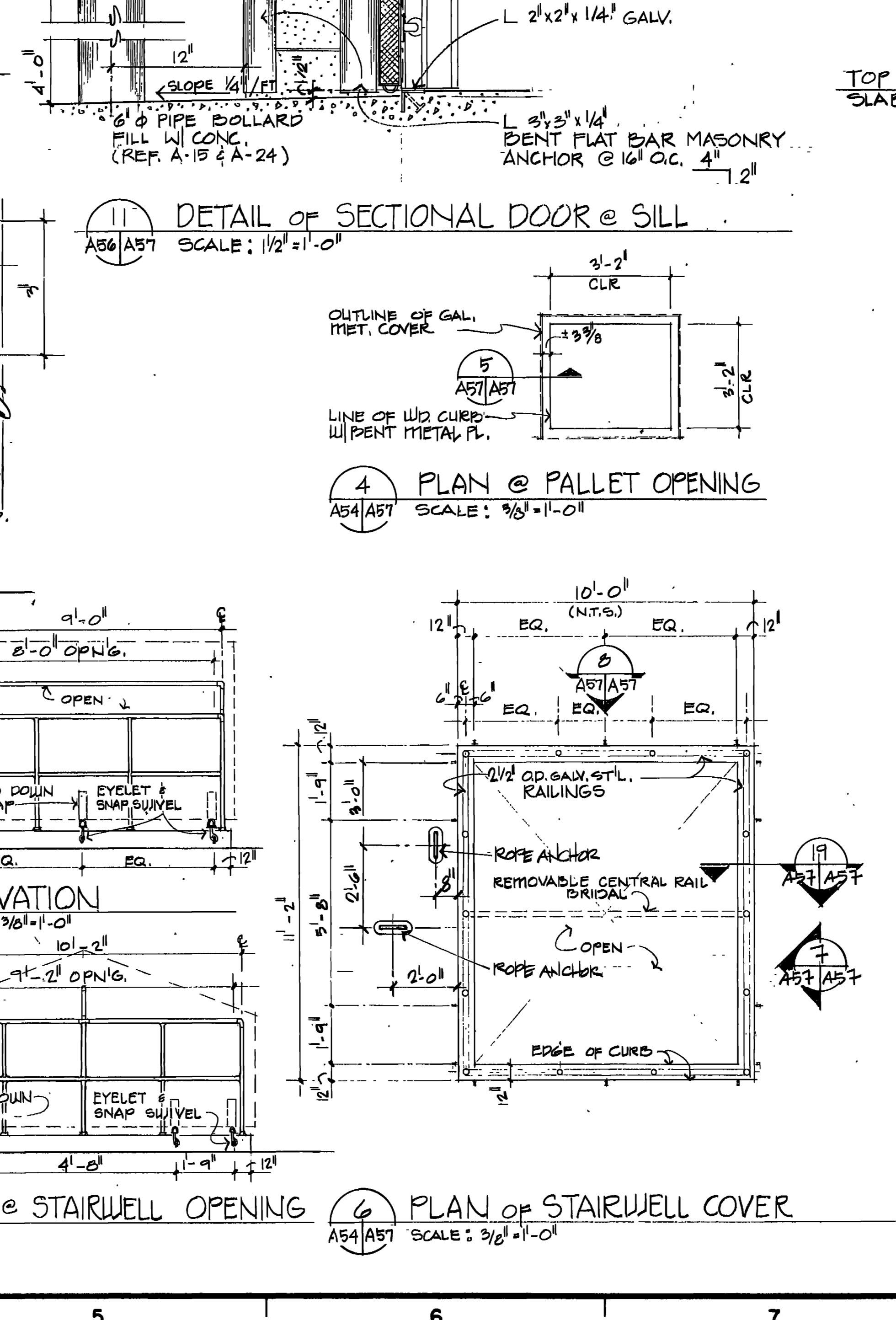
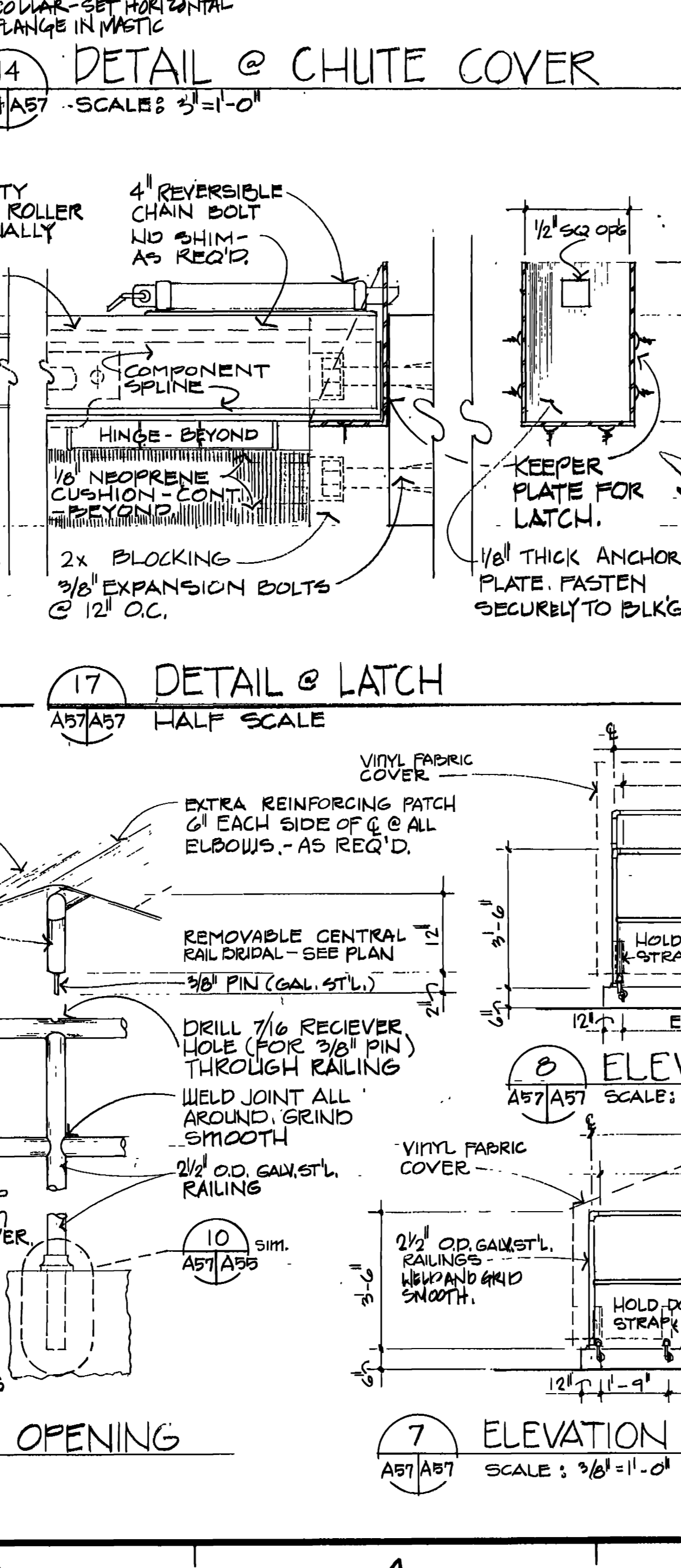
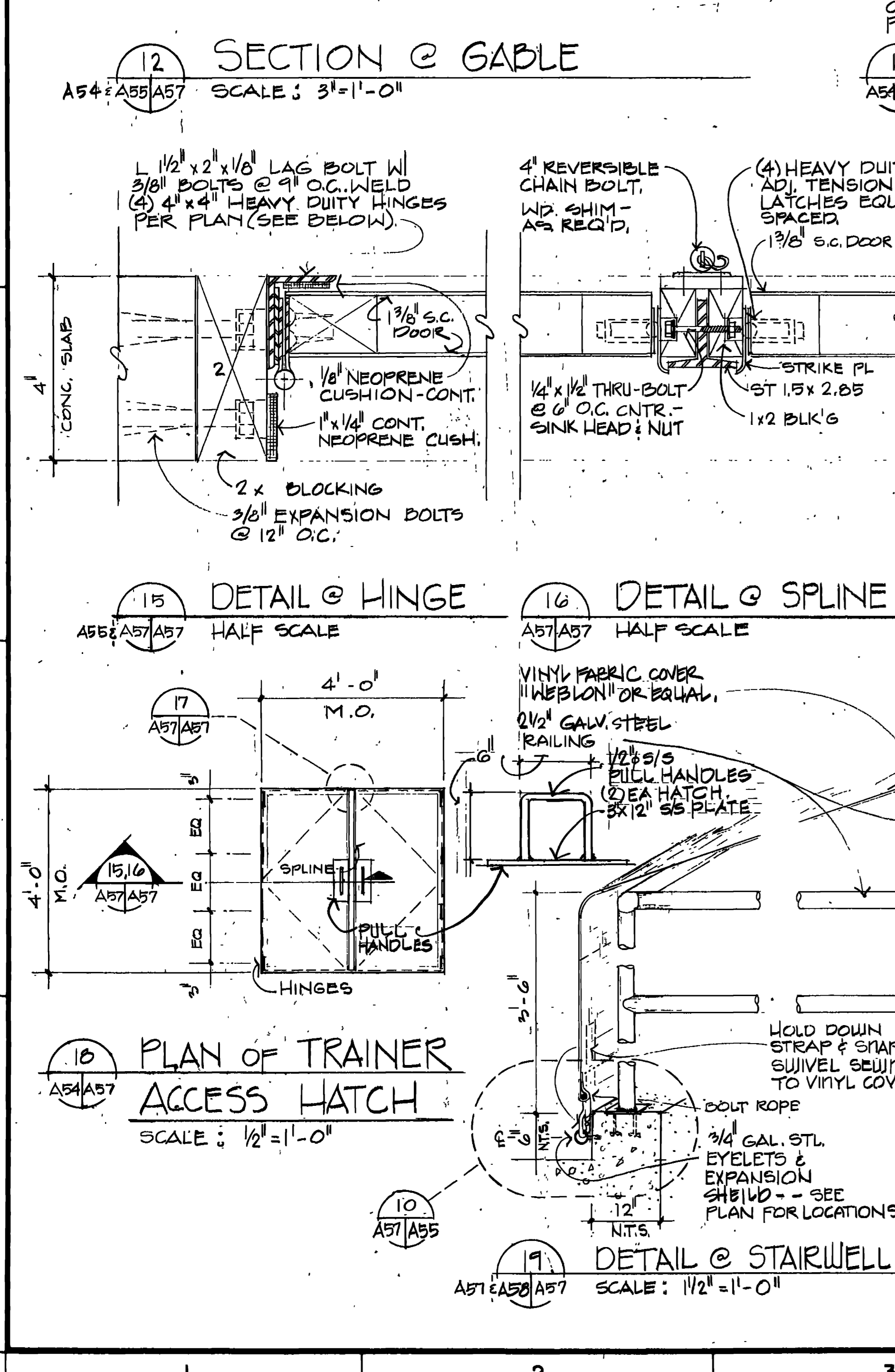
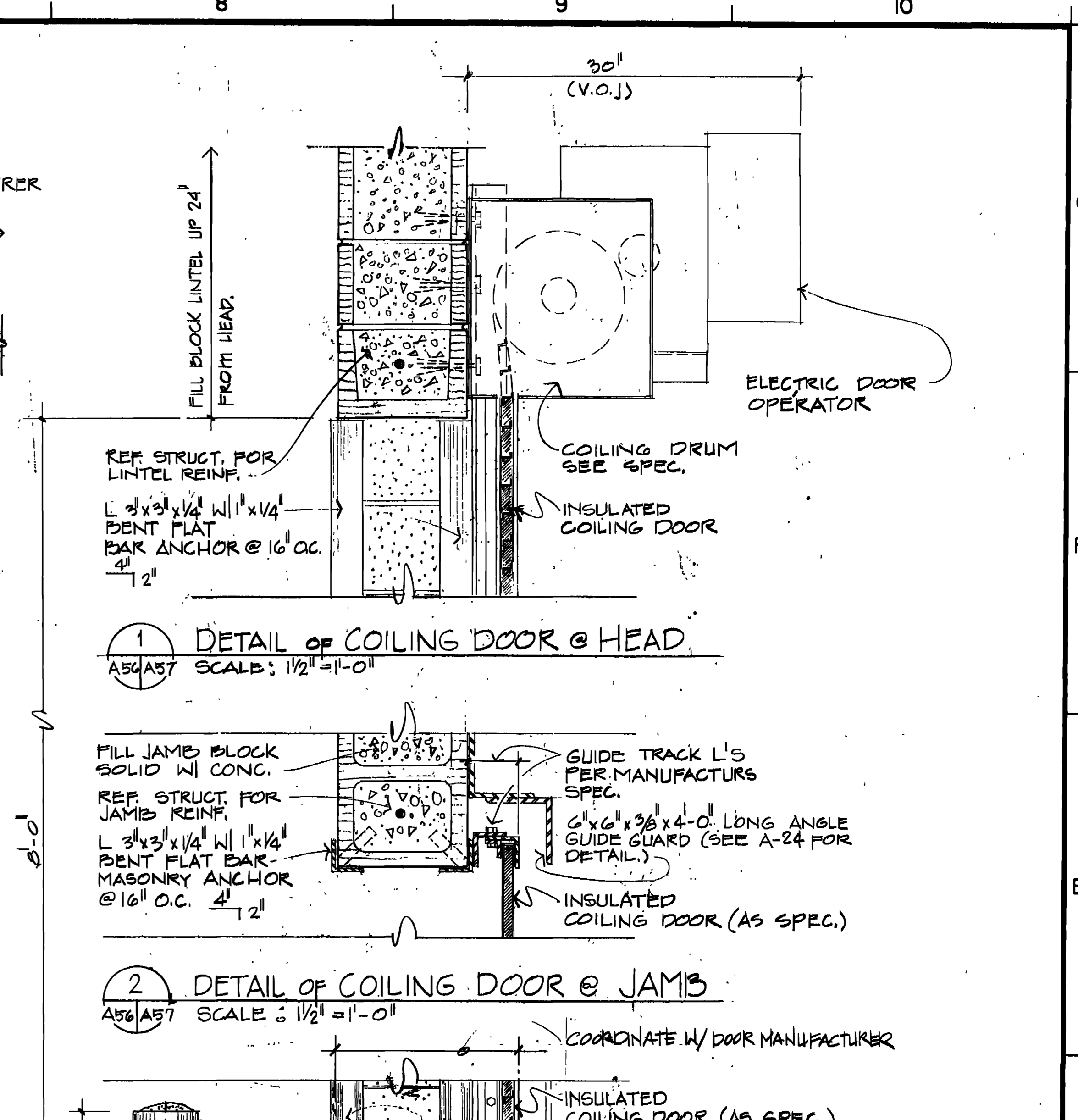
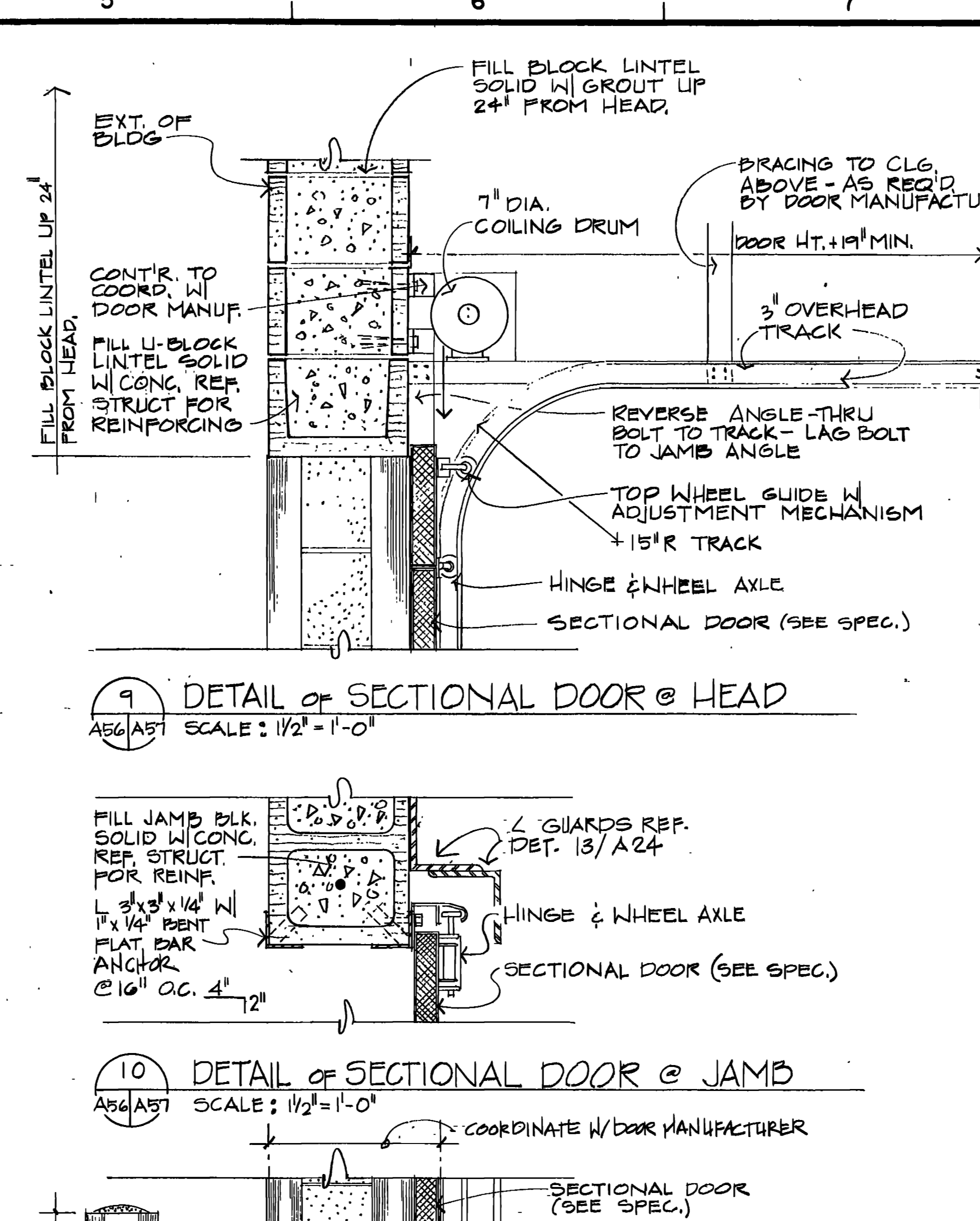
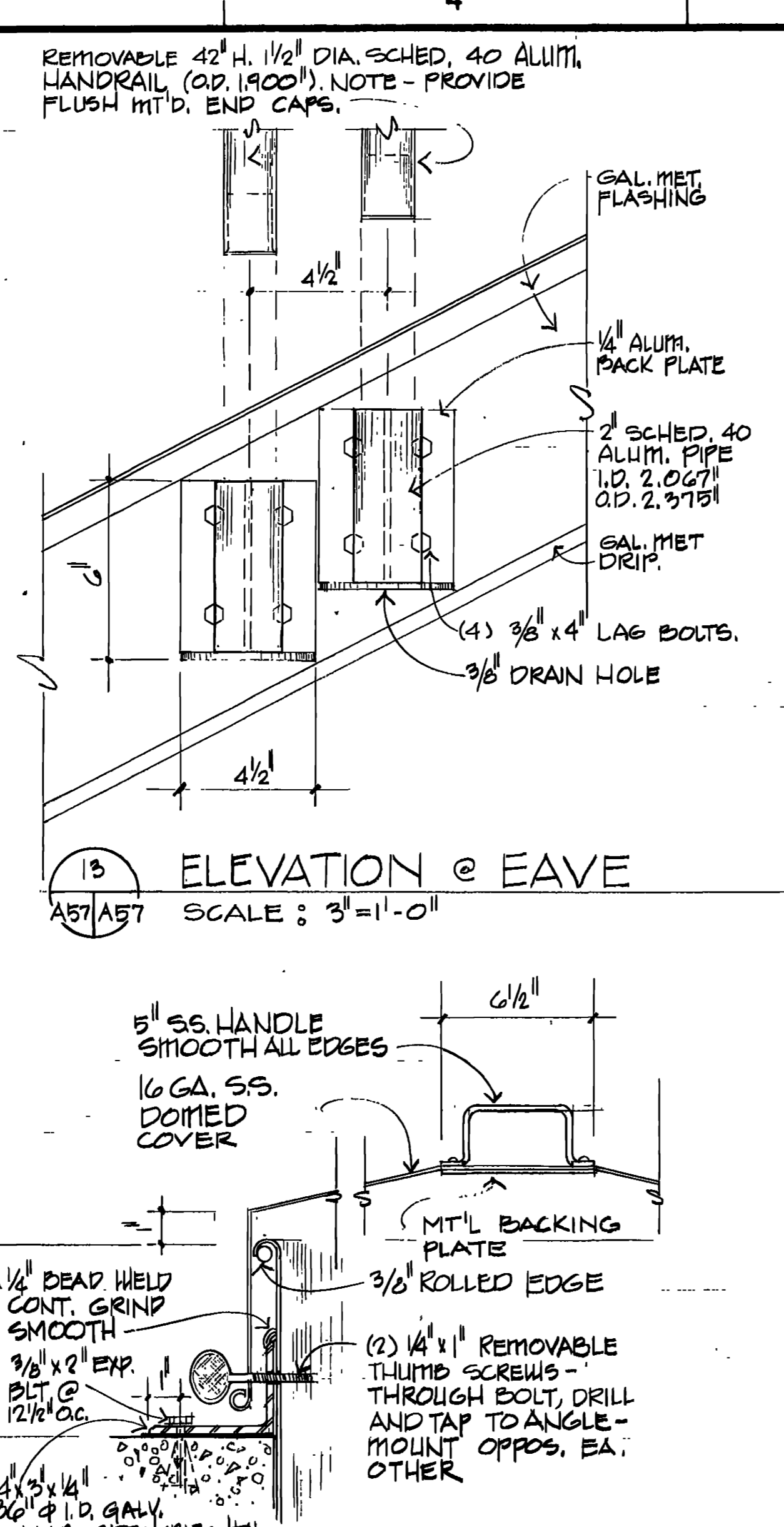
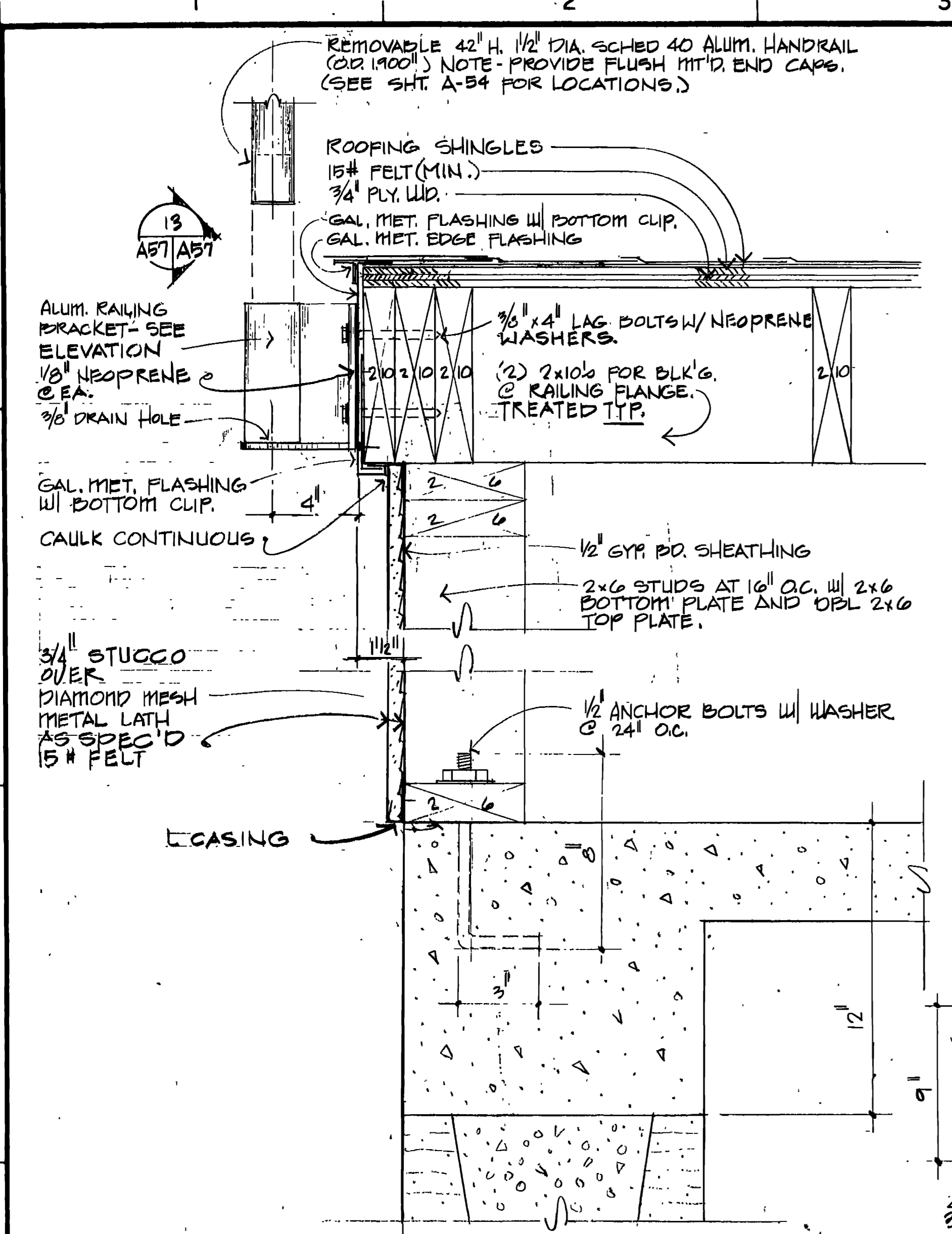
U.S. ARMY ENGINEER DISTRICT, FORT WORTH  
SAN ANGELO, TEXAS  
CORPS OF ENGINEERS  
FORT WORTH, TEXAS

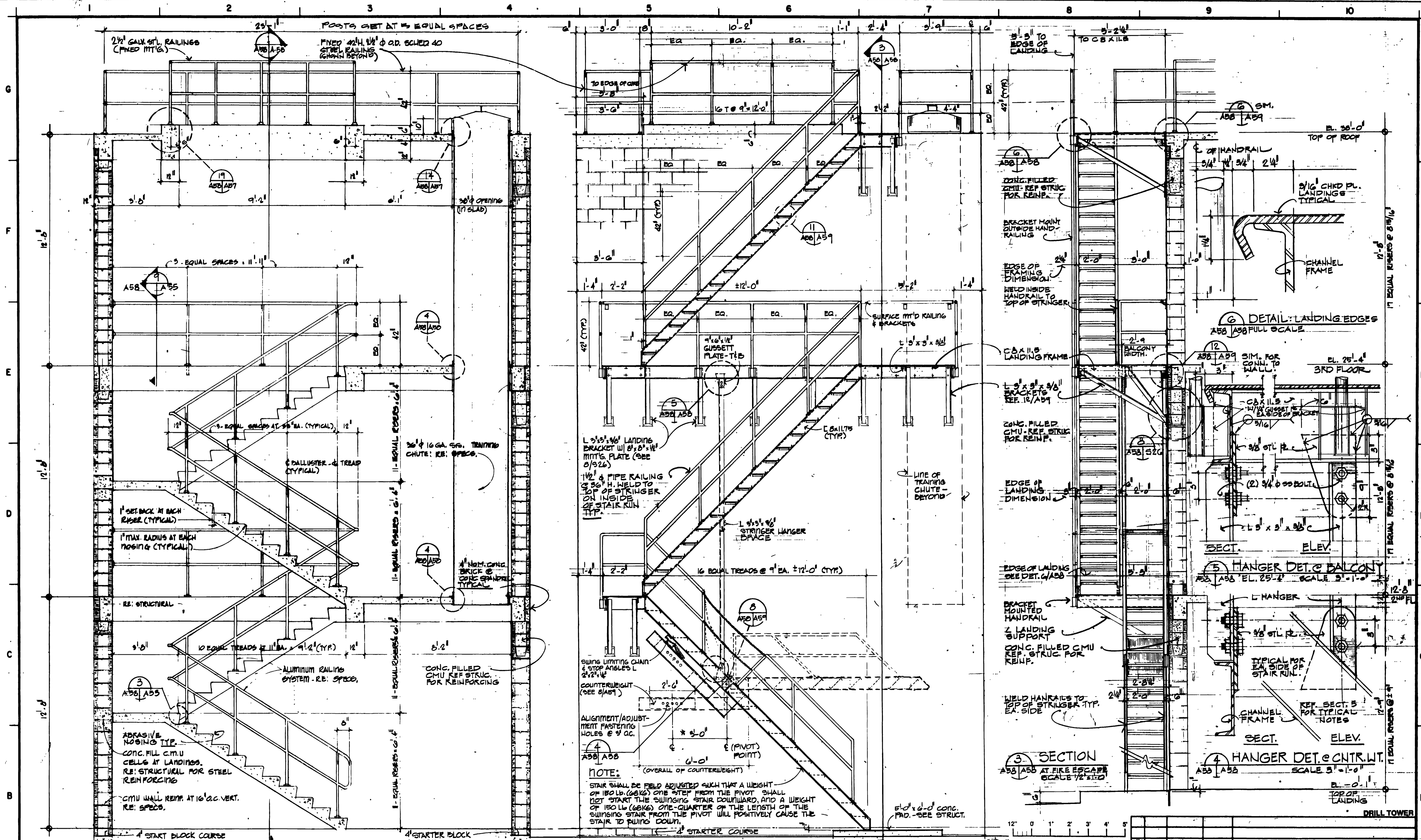
GOODFELLOW AIR FORCE BASE  
SAN ANGELO, TEXAS

**FIRE TRAINING COMPLEX  
OPENING SCHEDULE AND  
OPENING DETAILS  
(DRILL TOWER)**

DATE: JUN. 1992  
CONTR. NO. DWG-92-C-015  
DRAWING NUMBER  
SHEET NO. 140

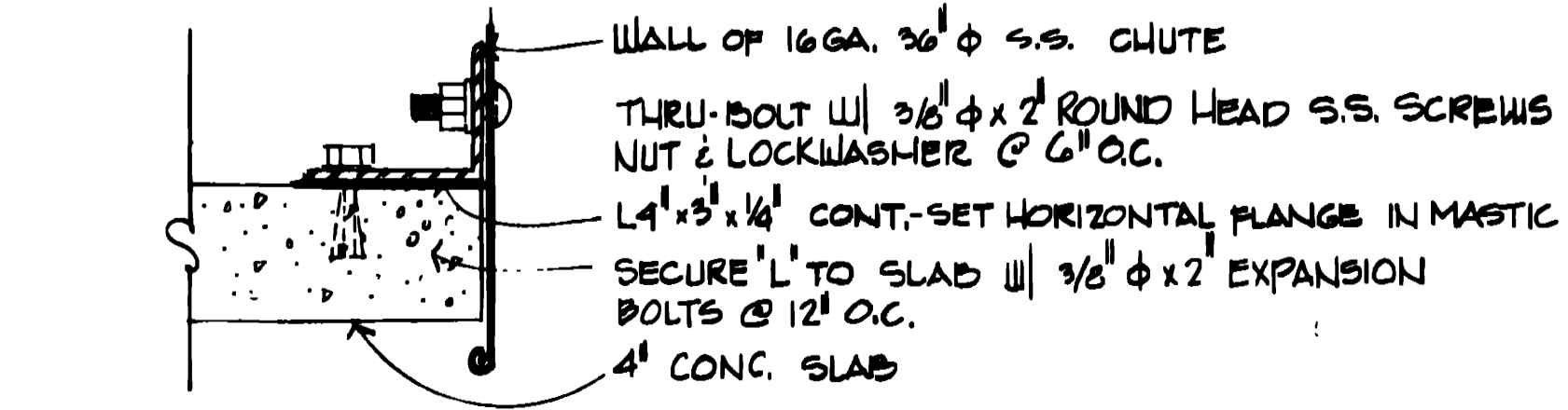






1 SECTION AT INTERIOR STAIR  
SCALE: 1/2" = 1'-0"

2 SECTION AT FIRE ESCAPE  
SCALE: 1/2" = 1'-0"

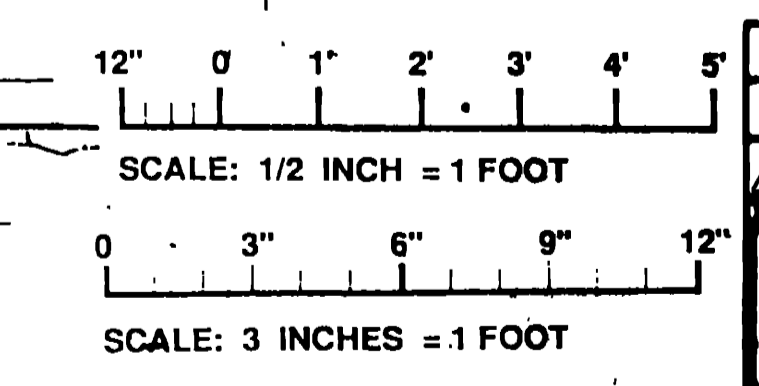


4 DETAIL AT CHUTE BASE  
SCALE: 3" = 1'-0"

NOTE:  
STAIR SHALL BE FIELD ADJUSTED SUCH THAT A WEIGHT OF 150 LB. (68KG) ONE STEP FROM THE PIVOT SHALL NOT START THE SWINGING STAIR DOWNWARD, AND A WEIGHT OF 150 LB. (68KG) ONE-QUARTER OF THE LENGTH OF THE SWINGING STAIR FROM THE PIVOT WILL POSITIVELY CAUSE THE STAIR TO SWING DOWN.

3 SECTION  
SCALE: 1/2" = 1'-0"

4 HANGER DET. @ CNTR. WT.  
SCALE: 3" = 1'-0"



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NEW ORLEANS MOBILE BATON ROUGE

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CORPS OF ENGINEERS  
FORT WORTH, TEXAS

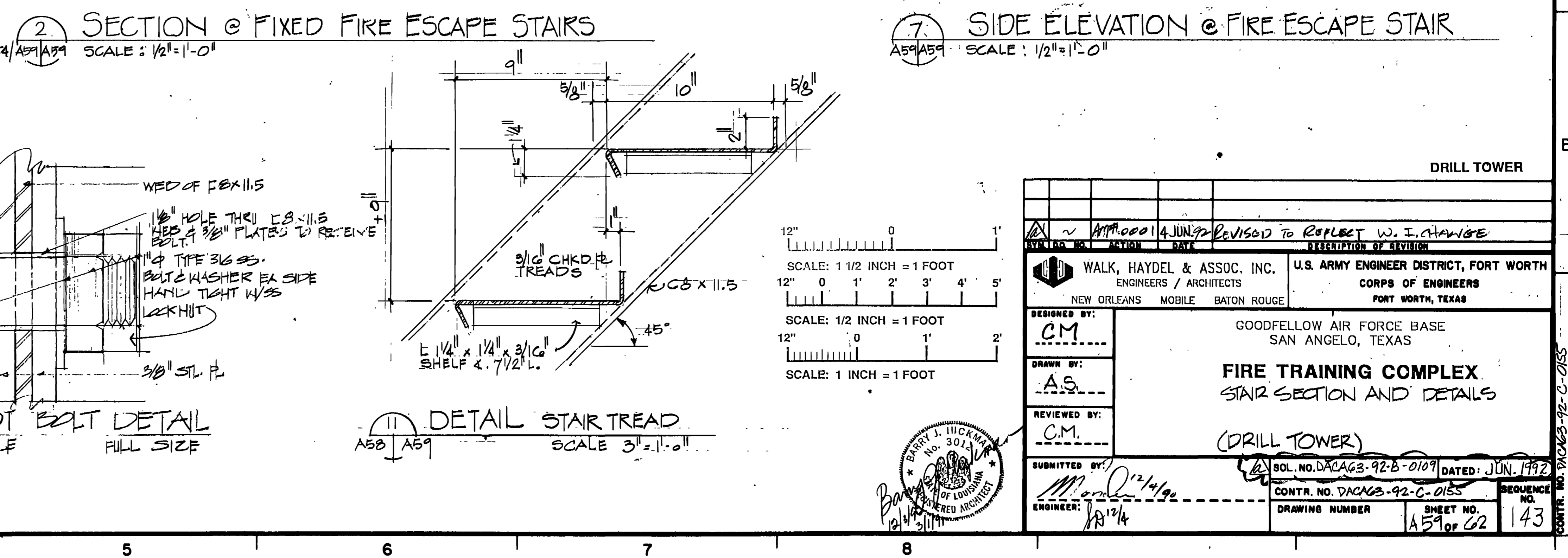
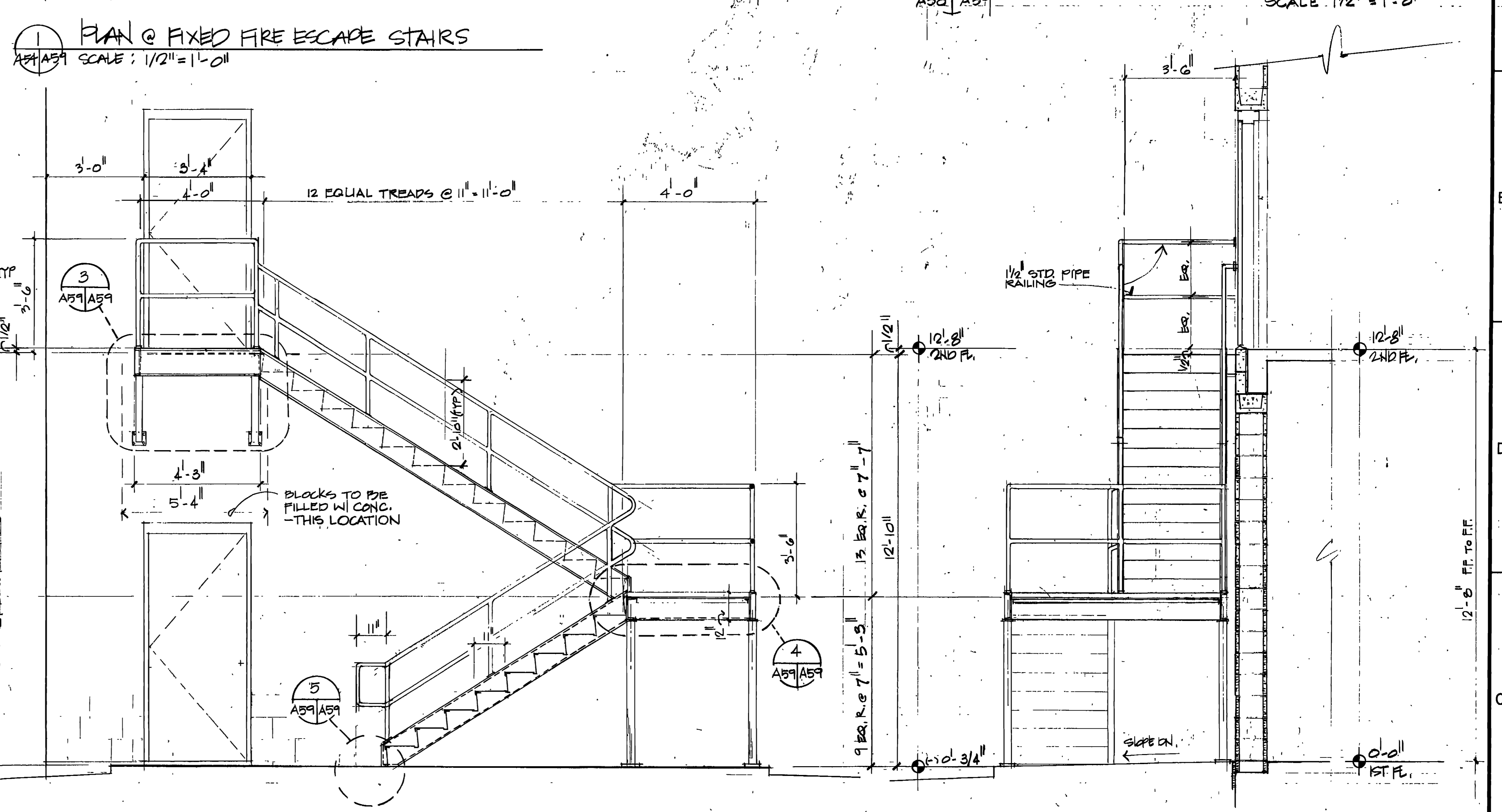
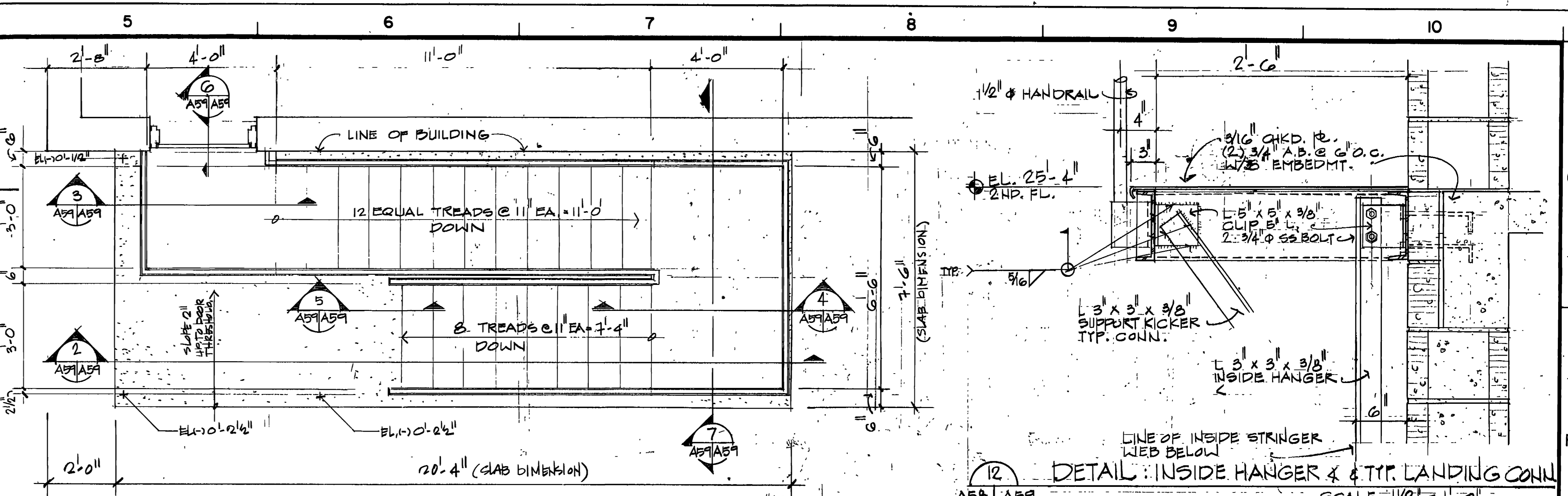
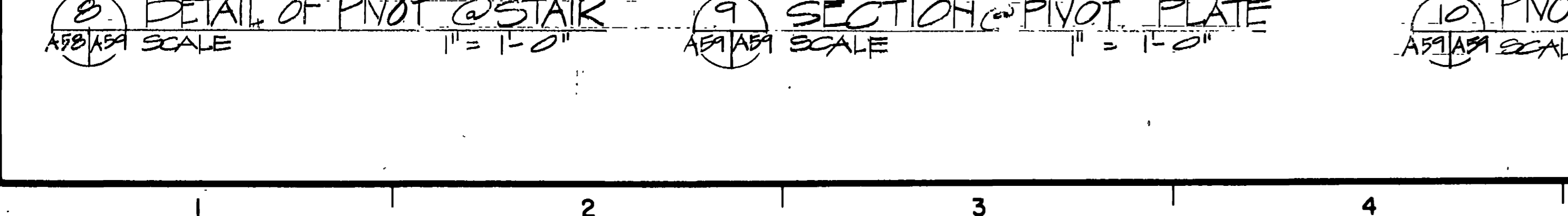
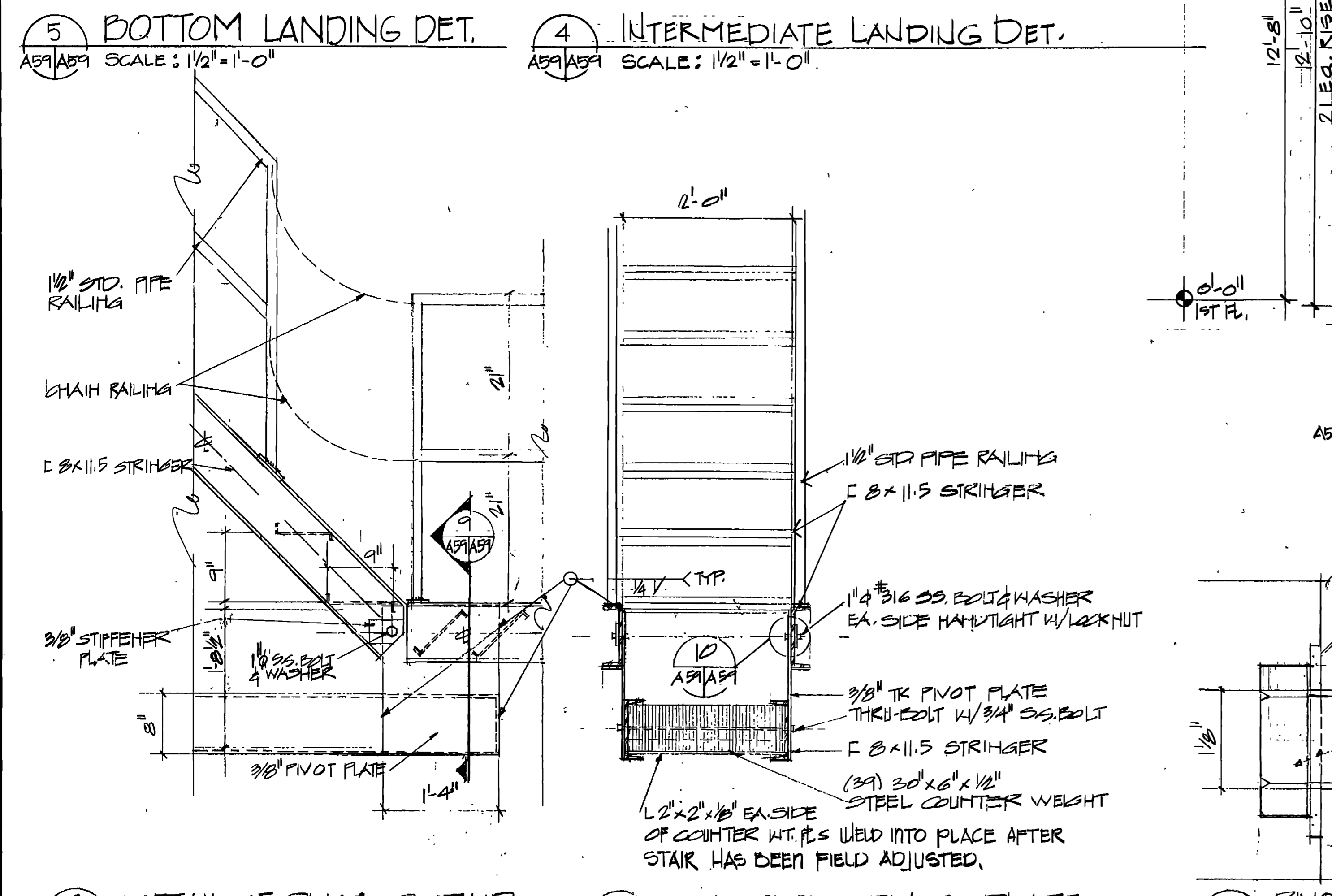
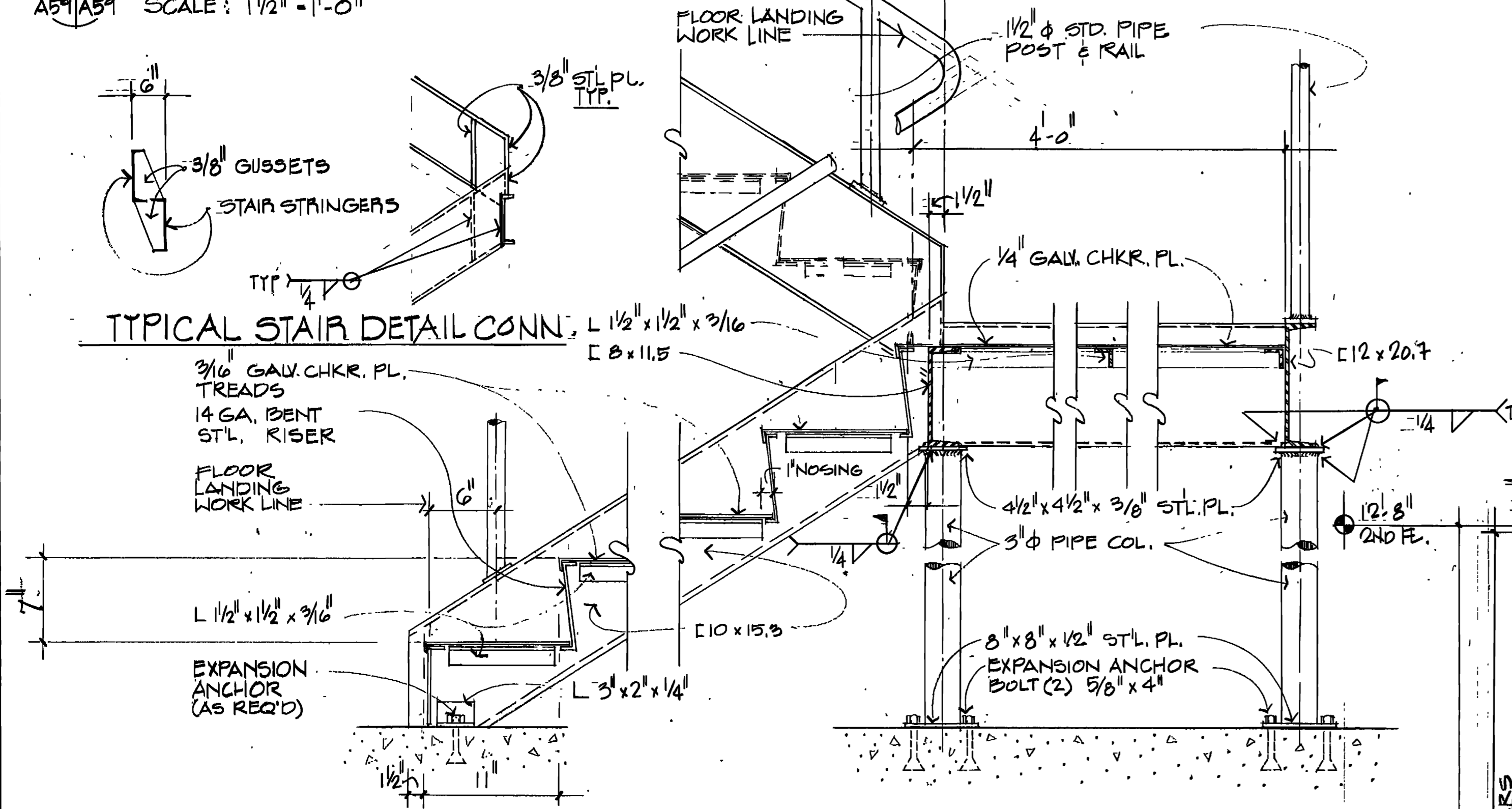
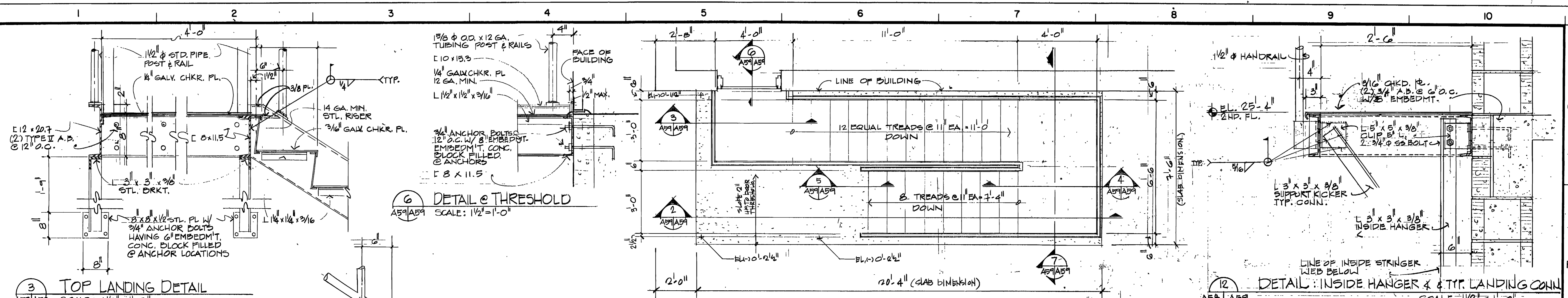
GOODFELLOW AIR FORCE BASE  
SAN ANGELO, TEXAS

**FIRE TRAINING COMPLEX**  
STAIR SECTIONS AND DETAILS  
(DRILL TOWER)

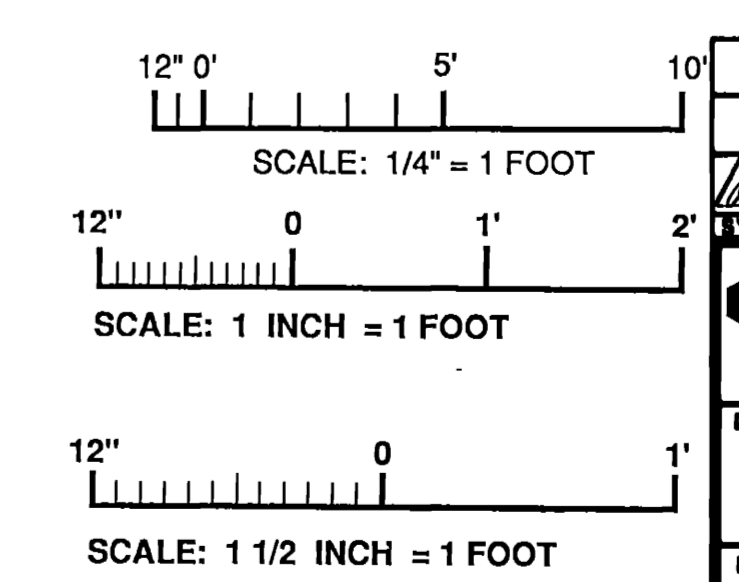
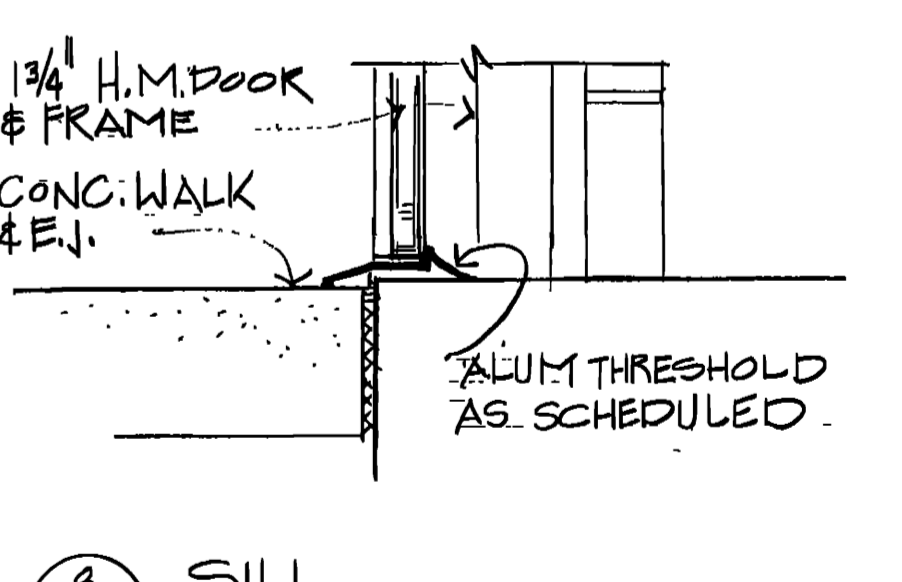
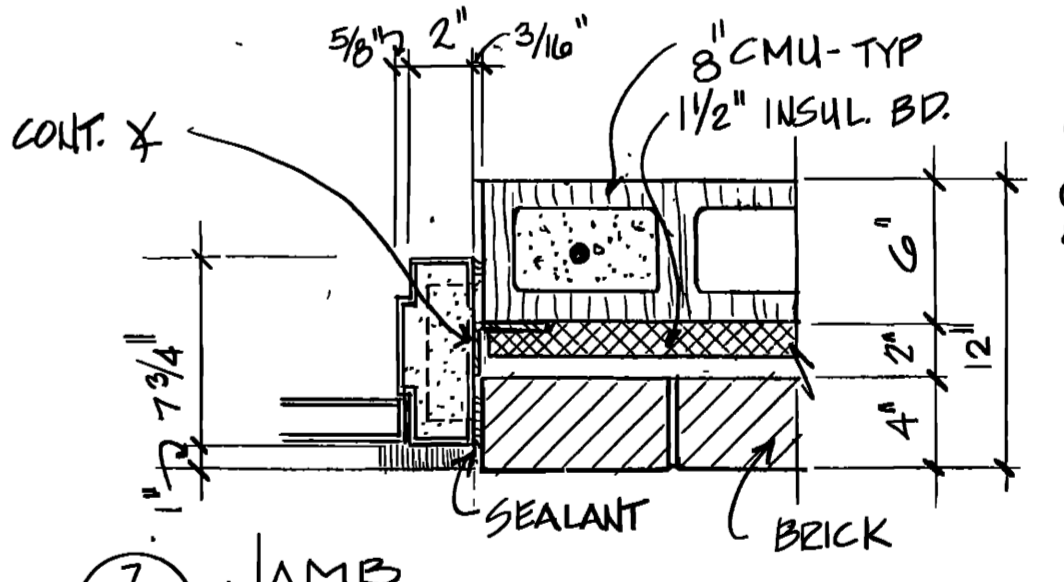
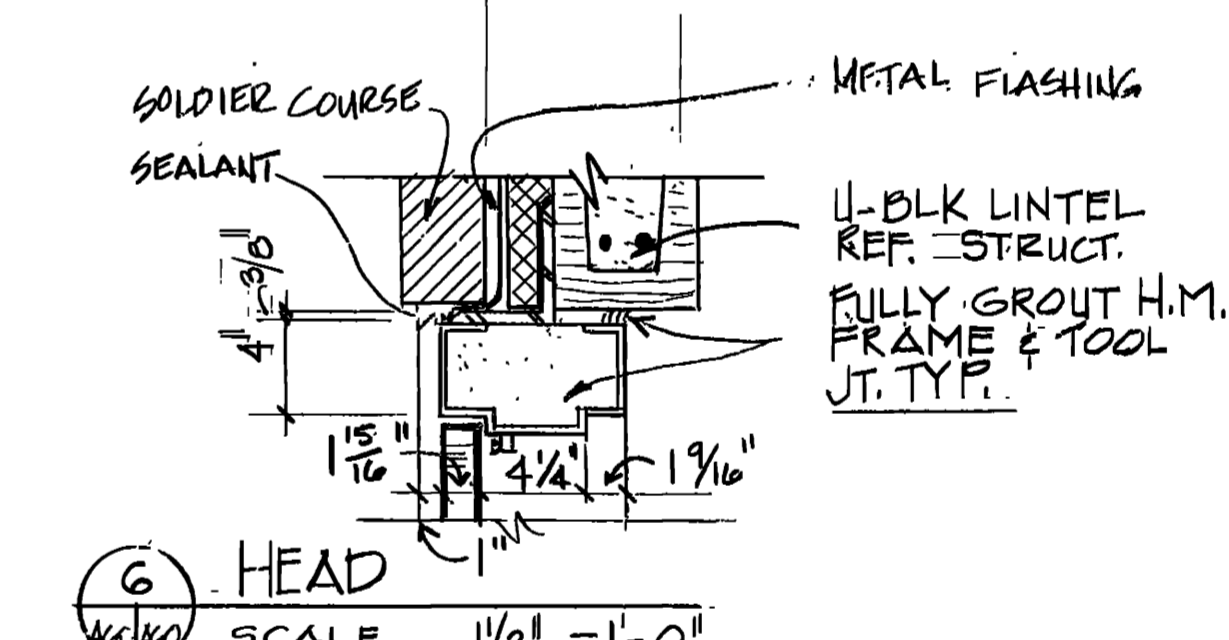
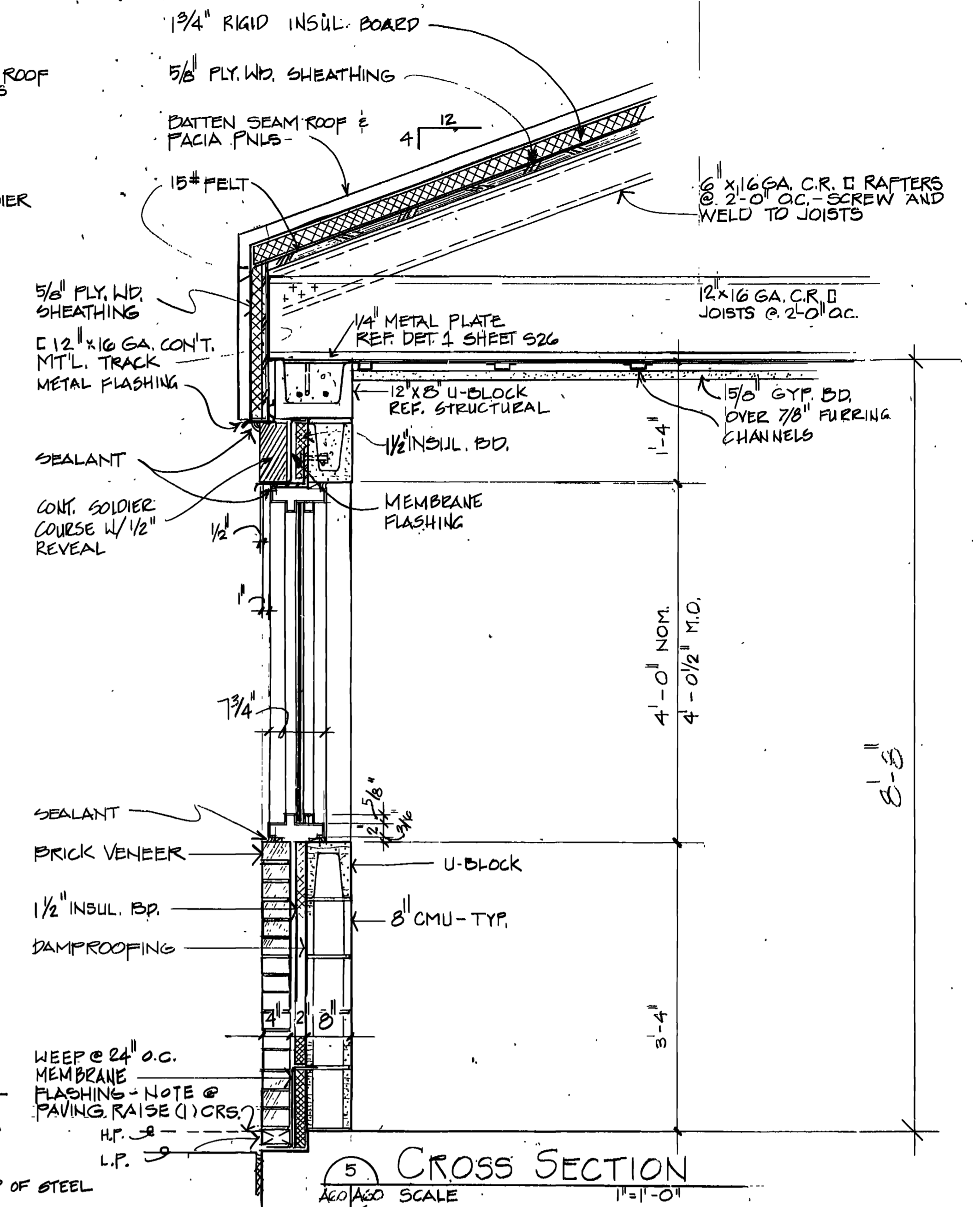
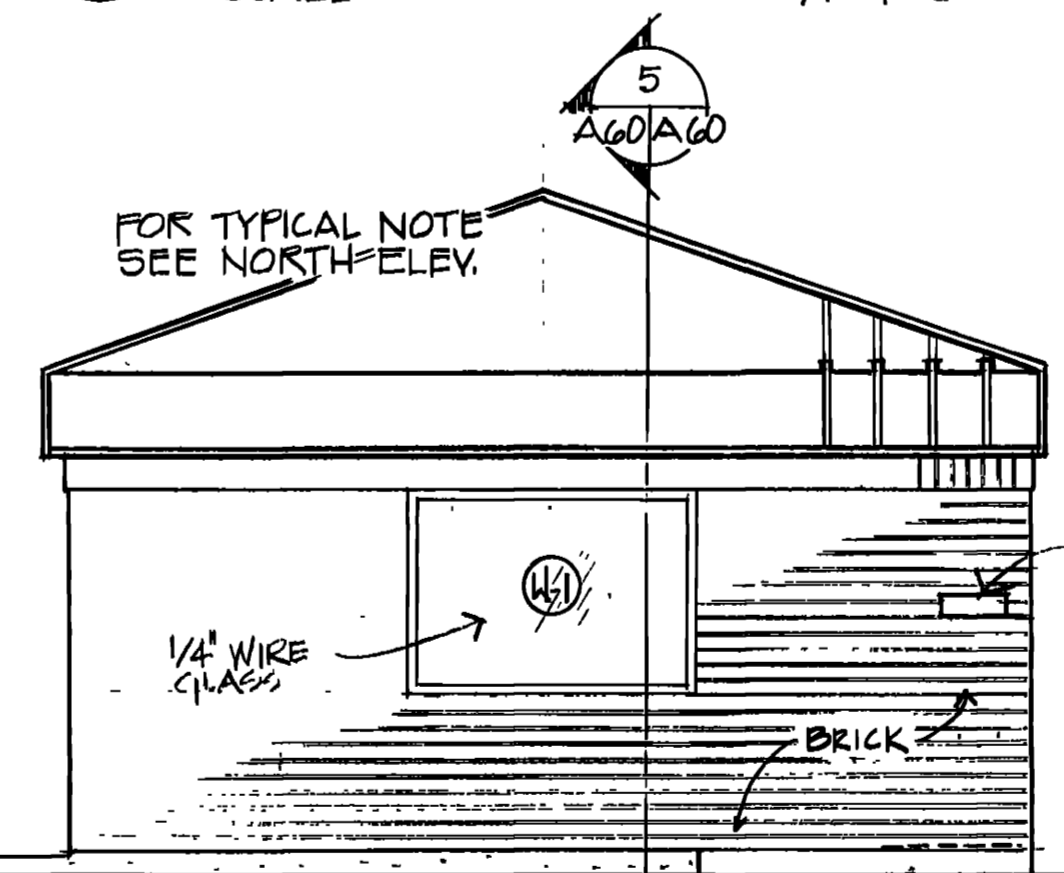
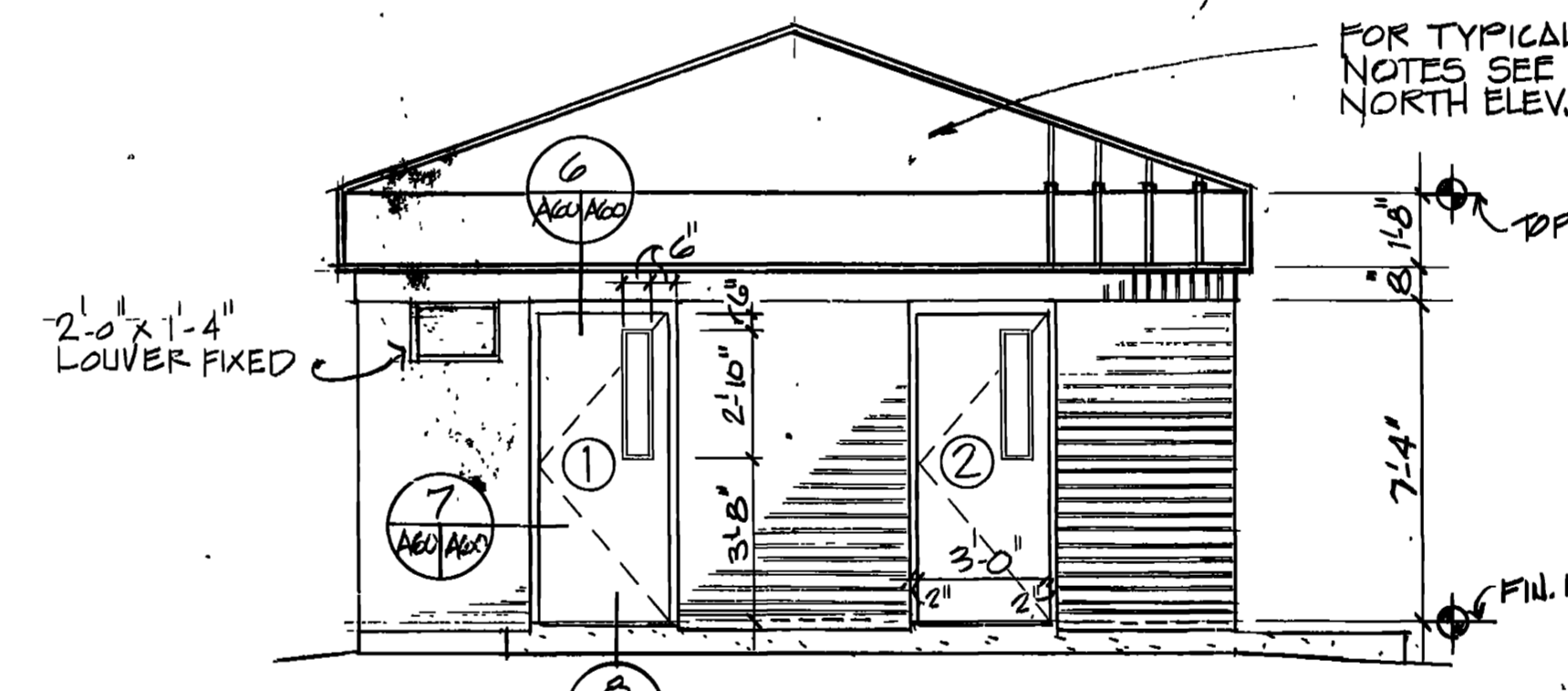
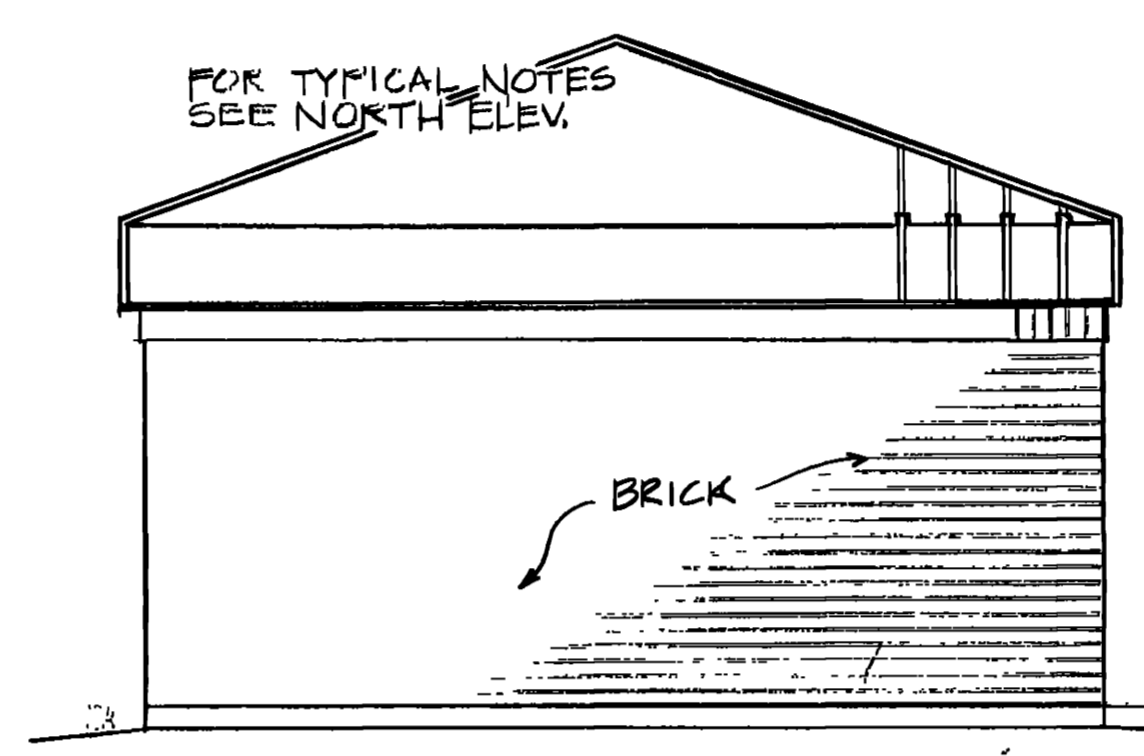
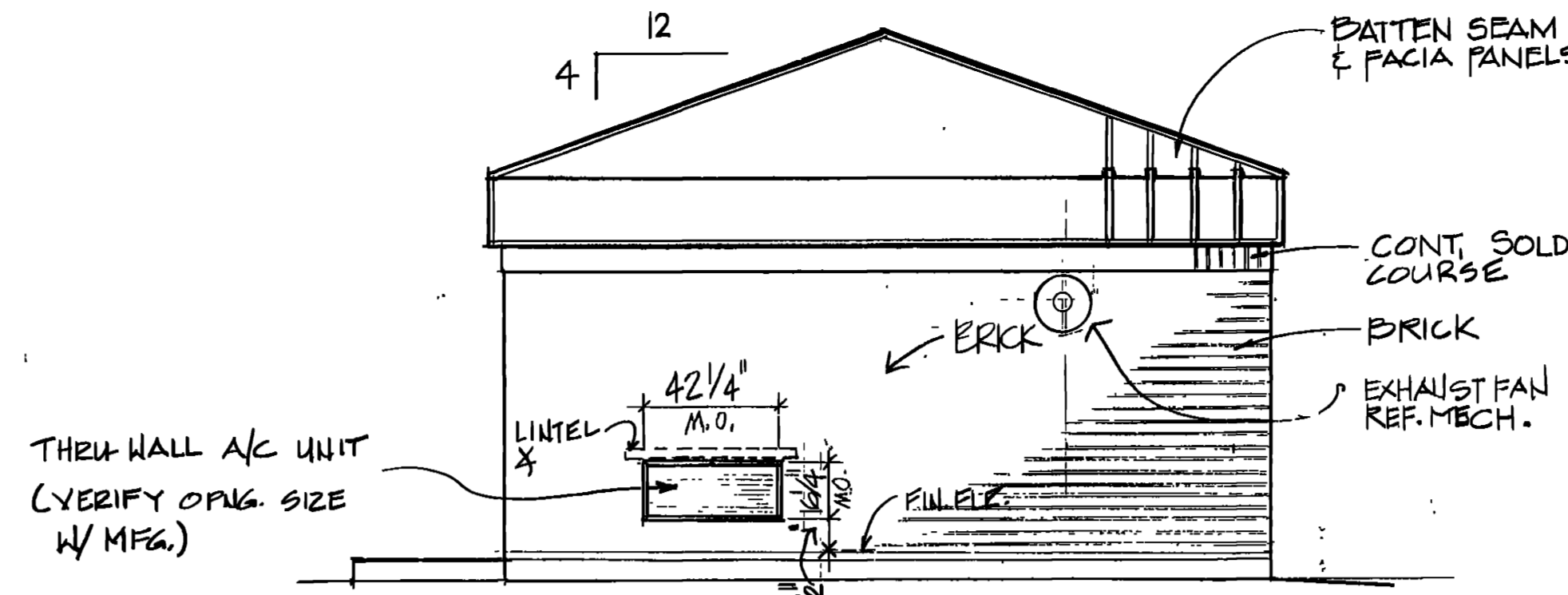
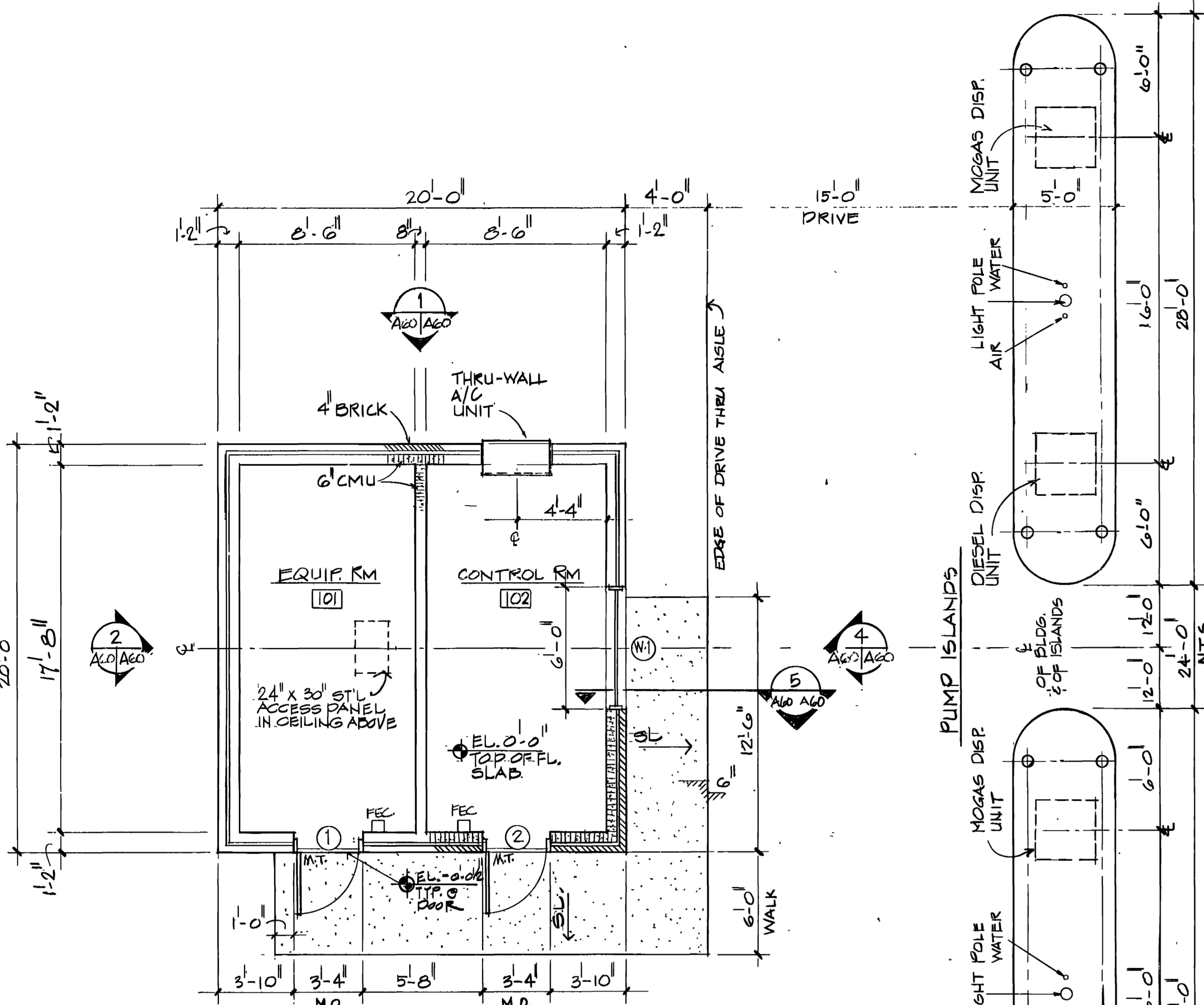
REVISIONS:  
1. AMENDED JUN 1992 REVISED TO REFLECT W.I. CHANGE

DESIGNED BY: C.M.  
DRAWN BY: PRAS  
REVIEWED BY: C.M.  
SUBMITTED BY: M. [Signature] 12/14/90  
ENGINEER: [Signature] 12/14

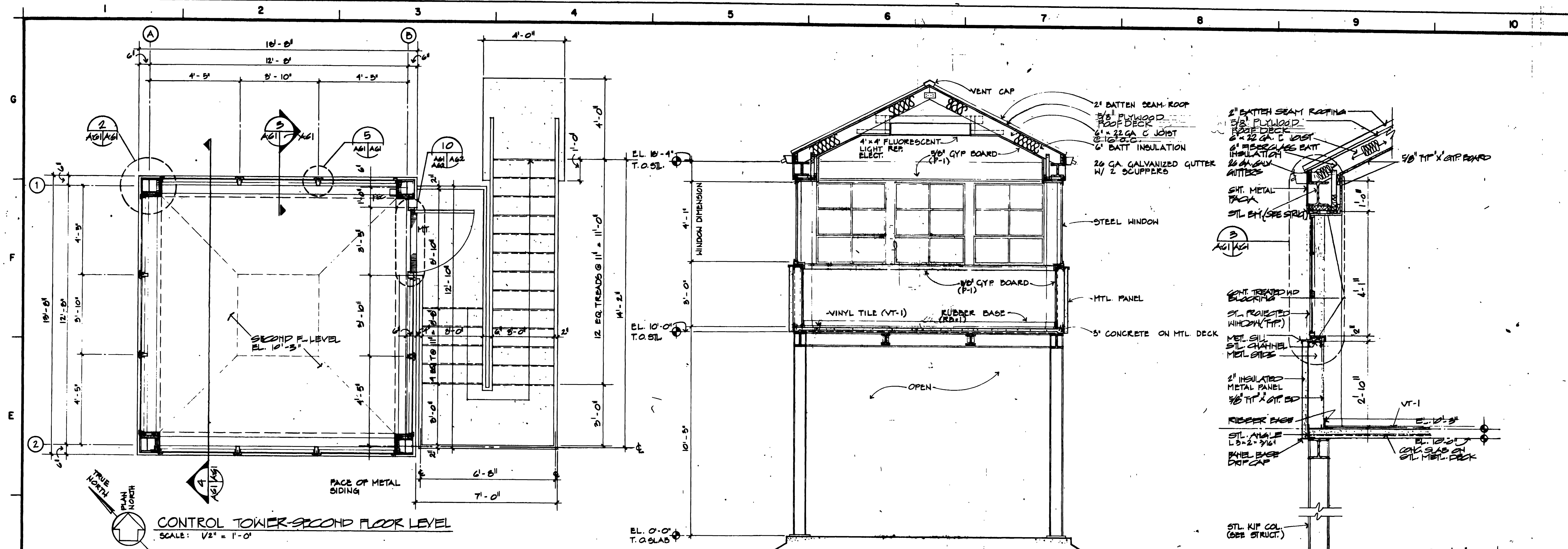
NO. D.A.C.A. 92-B-0107 DATED: JUN. 1992  
CONTRACT NO. D.A.C.A. 92-C-0155  
DRAWING NUMBER: A58-02  
SHEET NO.: 142



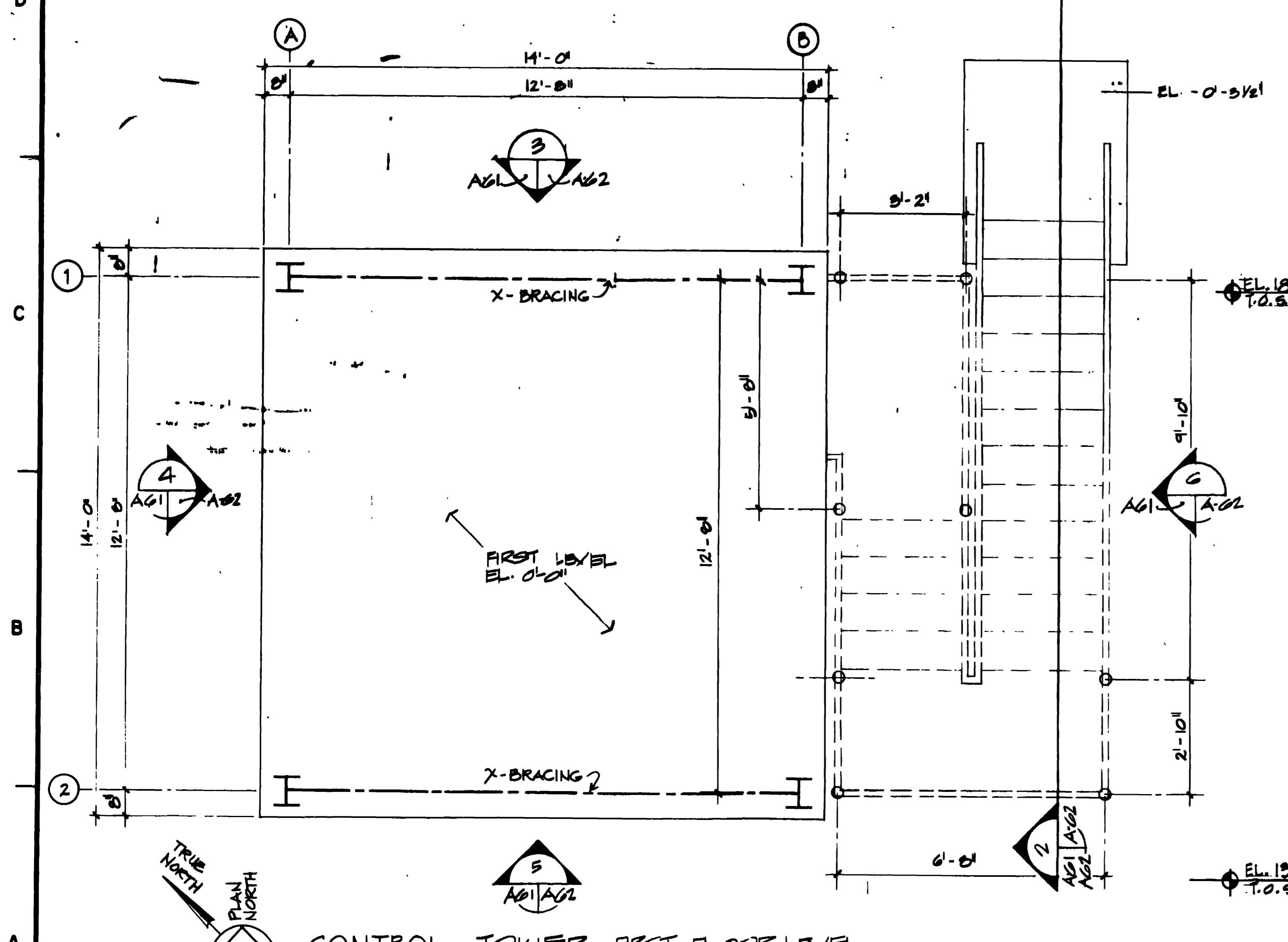
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|---|--|
| APPROVED FOR REVISION TO REFLECT W.I. CHANGE<br>WALK, HAYDEL & ASSOC. INC. U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>ENGINEERS / ARCHITECTS CORPS OF ENGINEERS<br>NEW ORLEANS MOBILE BATON ROUGE FORT WORTH, TEXAS |  |
| DESIGNED BY: C.M.<br>DRAWN BY: A.S.<br>REVIEWED BY: C.M.  | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS<br><b>FIRE TRAINING COMPLEX</b><br>STAIR SECTION AND DETAILS<br>(DRILL TOWER) |
| SUBMITTED BY: [Signature]<br>ENGINEER: [Signature]  | SOL. NO. DACAGS-92-B-0109 DATED: JUN. 1992<br>CONTR. NO. DACAGS-92-C-0155<br>DRAWING NUMBER: A59 OF 62 SHEET NO. 143         |



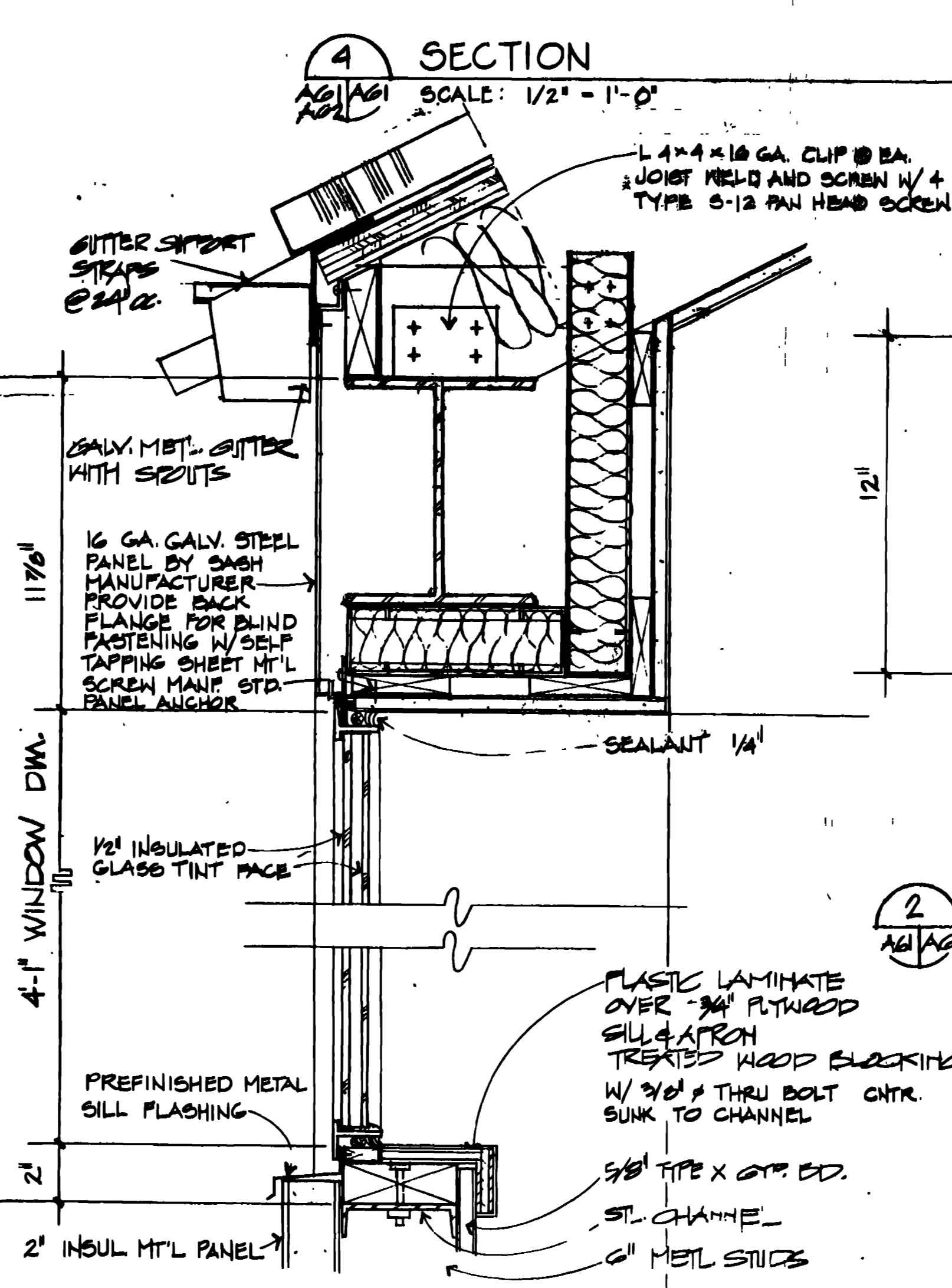
| FUEL DISPENSING STATION  |  |
|--|--|
| REVISION NO. ACTION DATE<br>1 REVISED TO REFLECT R.I. CHANGE                           | DESCRIPTION OF REVISION  |
| WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS   |
| DESIGNED BY: L.D.<br>DRAWN BY: A.S./W.N.<br>REVIEWED BY: C.M.                          | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS<br><b>FIRE TRAINING COMPLEX</b><br>1/4 FLOOR PLAN, EXTERIOR ELEVATIONS,<br>WALL SECTION AND MISC. DETAIL<br>(FUEL DISPENSING STATION) |
| SUBMITTED BY: [Signature]<br>ENGINEER: [Signature]                                     | SOL. NO. DACAGB-92-B-0107 DATED: JUN. 1992<br>CONTR. NO. DACAGB-92-C-0155<br>DRAWING NUMBER: A.GD or G2<br>SHEET NO.: 144  |



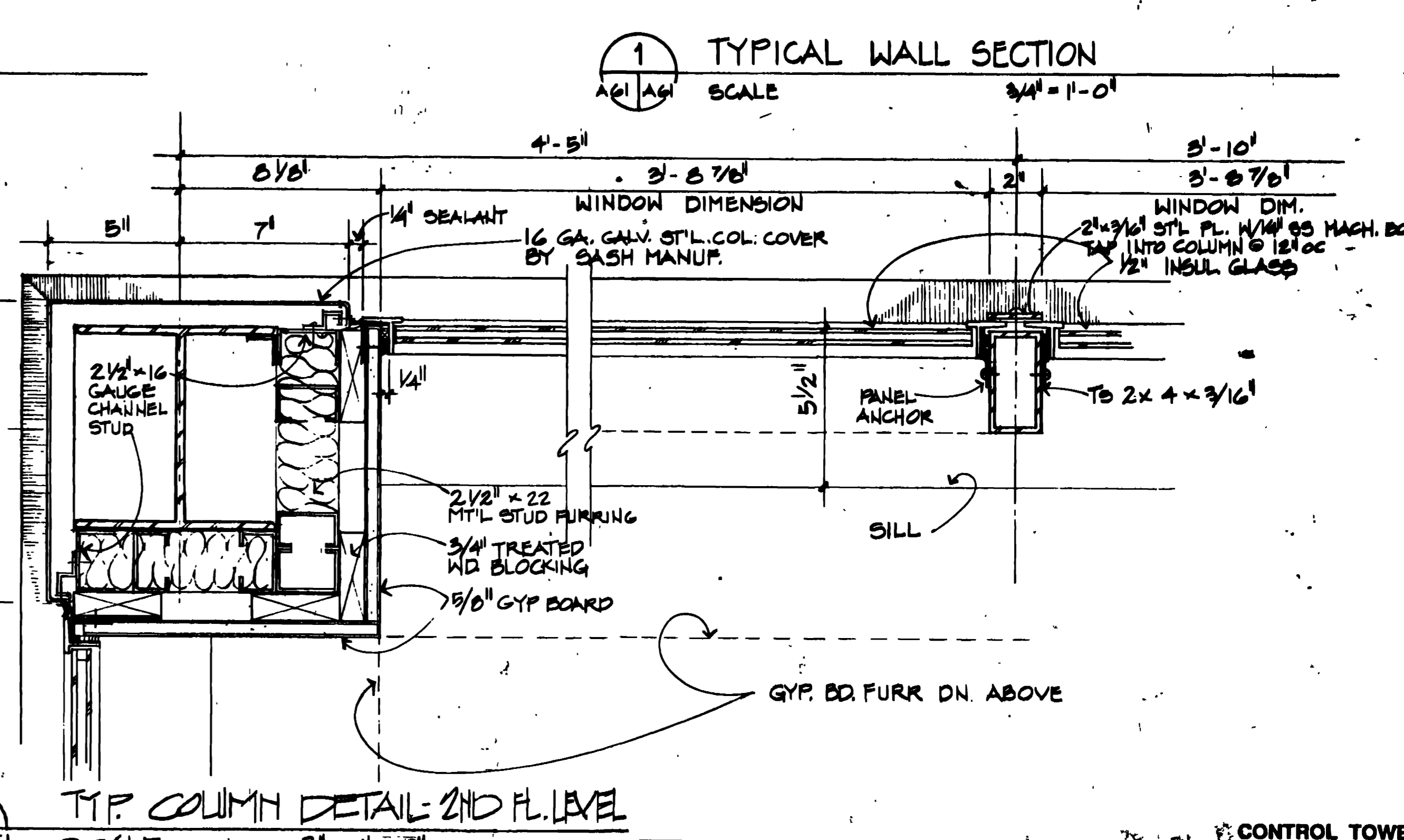
**CONTROL TOWER-SECOND FLOOR LEVEL**  
SCALE: 1/2" = 1'-0"



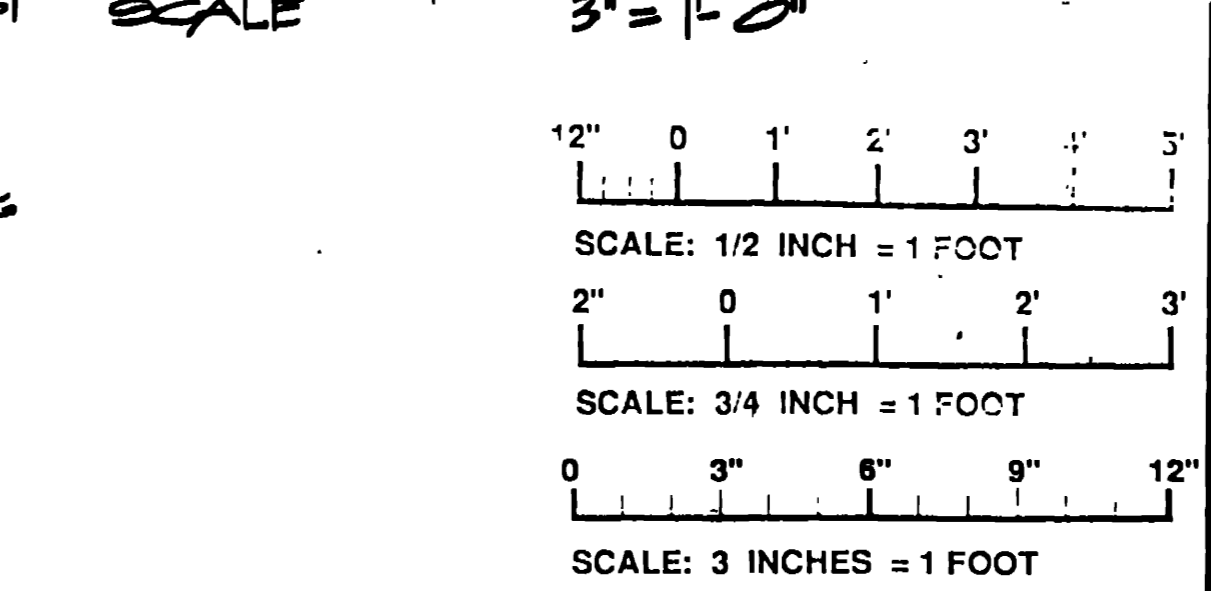
**CONTROL TOWER-FIRST FLOOR LEVEL**  
SCALE: 1/2" = 1'-0"



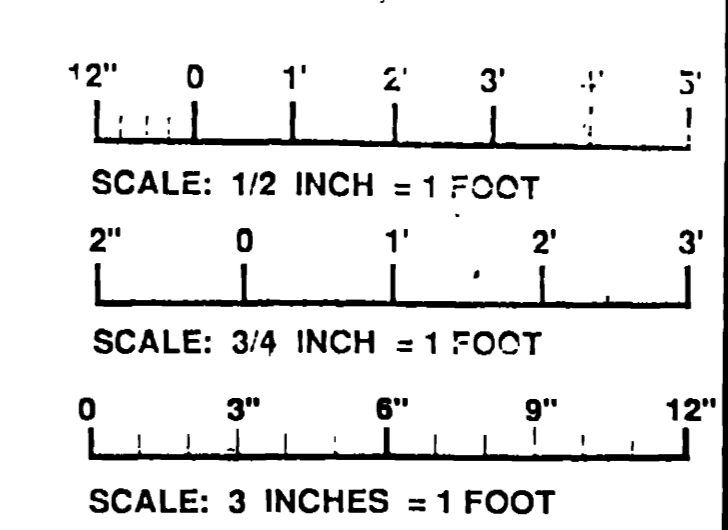
**SECTION 4**  
SCALE: 1/2" = 1'-0"



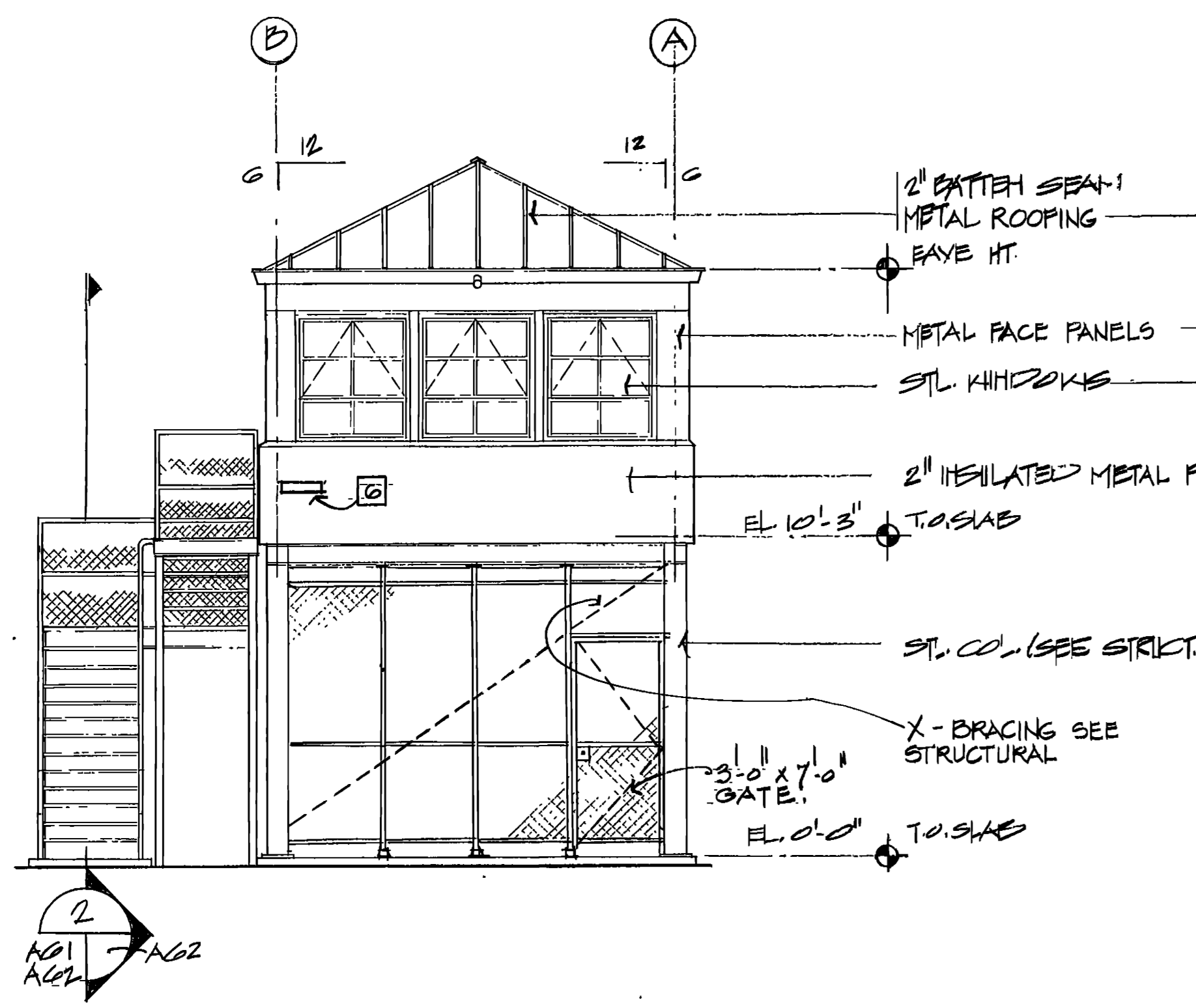
**1 TYPICAL WALL SECTION**  
SCALE: 3/4" = 1'-0"



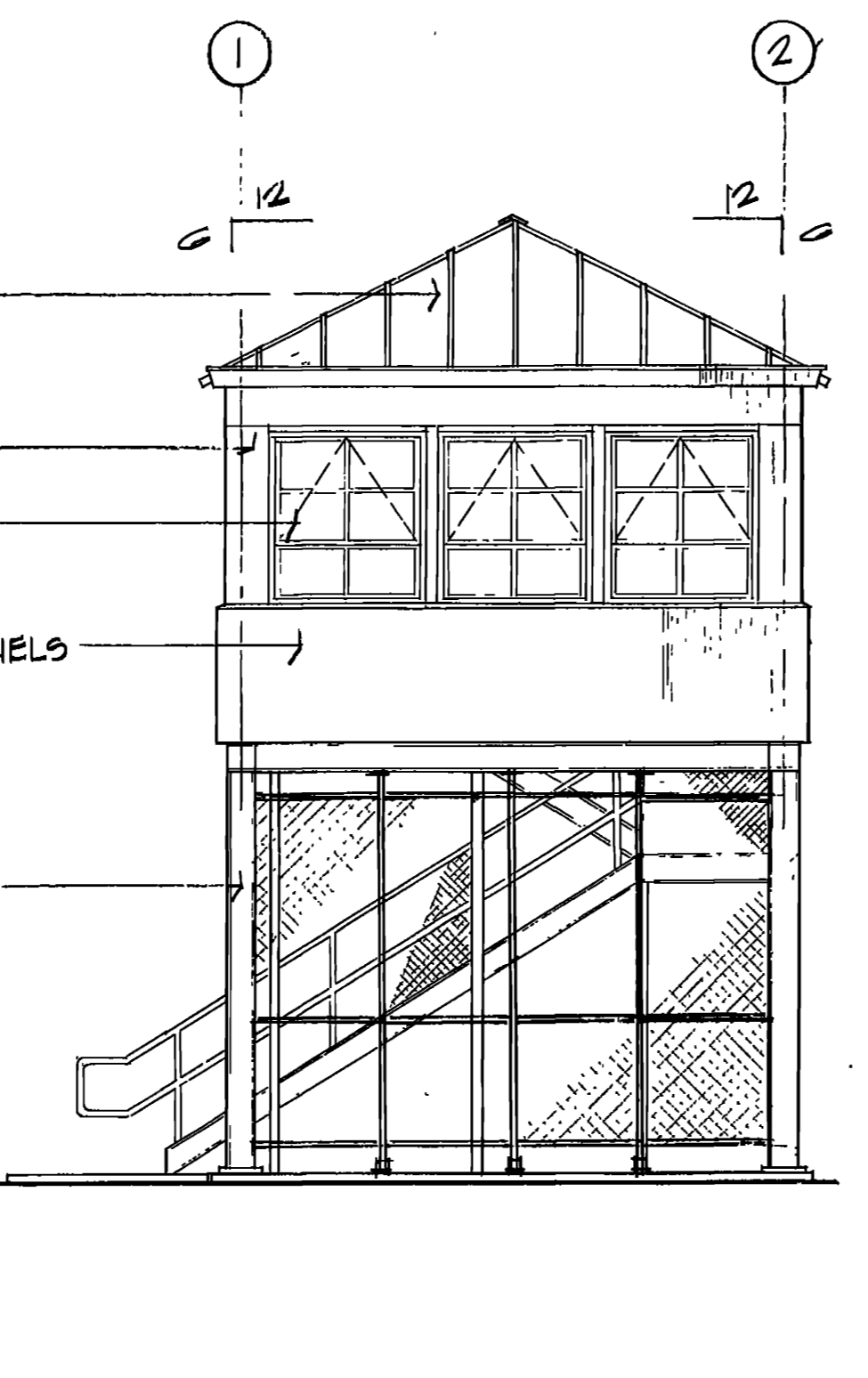
**2 TYP. COLUMN DETAIL-2ND FL. LEVEL**  
SCALE: 3\"/>



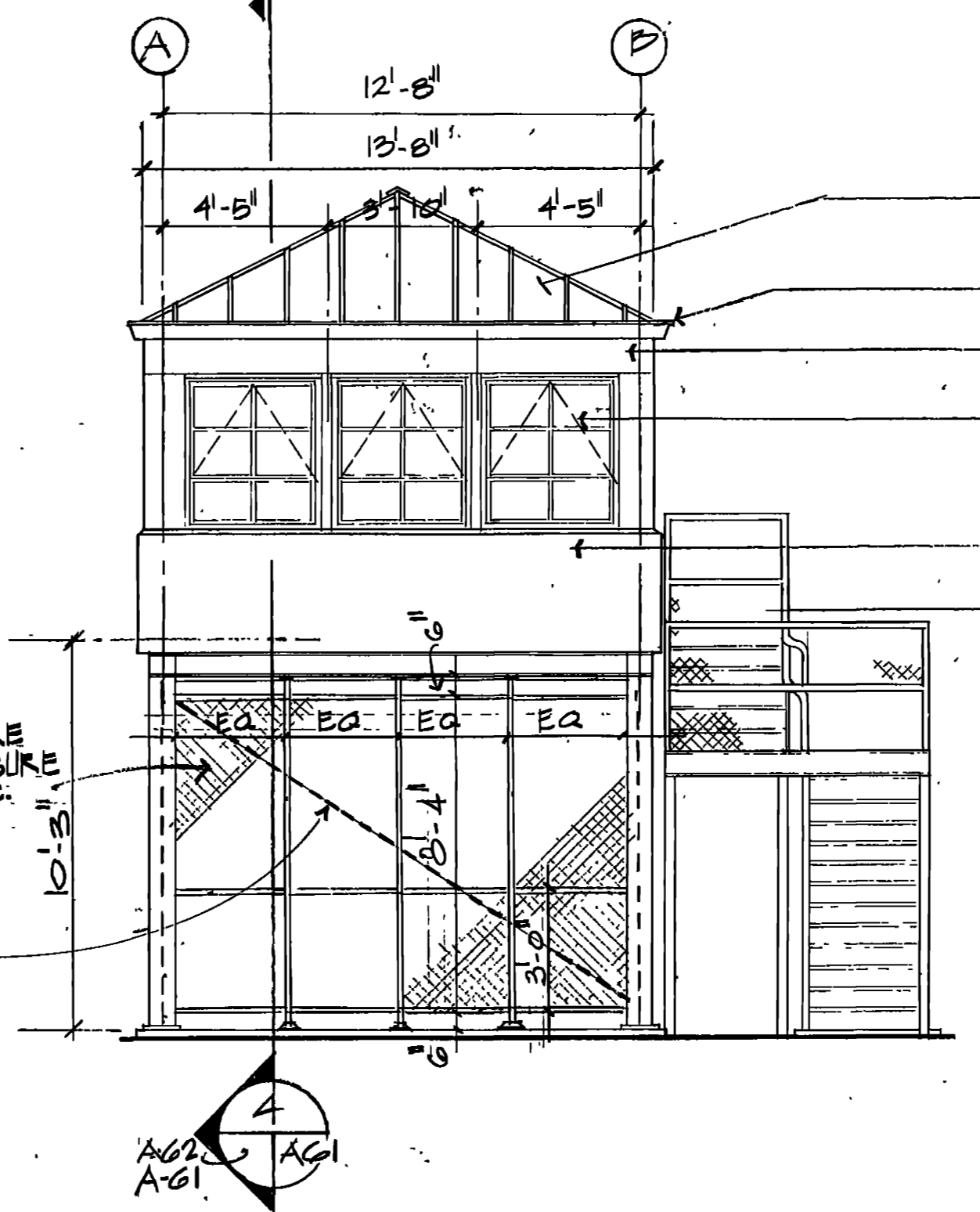
|  |  |  |  |
|--|--|--|--|
| WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE |  | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS                                   |  |
| DESIGNED BY:<br><b>C.M.</b>  |  | GOODFELLOW AIR FORCE BASE,<br>SAN ANGELO, TEXAS  |  |
| DRAWN BY:<br><b>J.D.M.B.</b>   |  | <b>FIRE TRAINING COMPLEX</b><br>1/2" FLOOR PLAN, CROSS SECTION,<br>WALL SECTION AND MISC. DETAILS<br>(CONTROL TOWER) |  |
| REVIEWED BY:<br><b>C.M.</b>  |  | SOL. NO. DACAG3-92-B-0093 DATED JUN. 1992<br>CONTR. NO. DWGS-92-C-0155   |  |
| SUBMITTED BY:<br><b>[Signature]</b>  |  | DRAWING NUMBER<br><b>AG1 or 62 145</b>   |  |



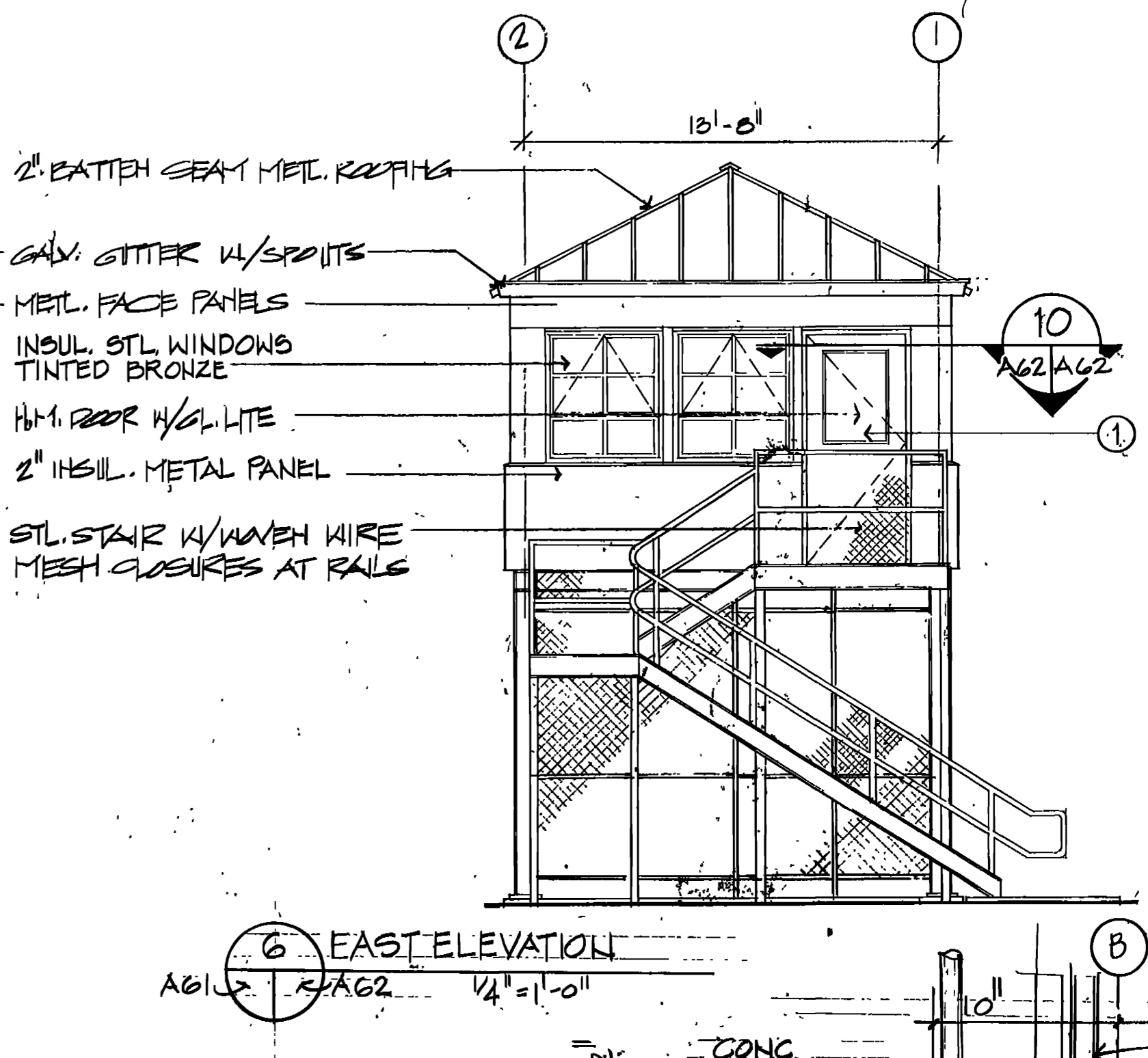
3 NORTH ELEVATION  
 A61/A62 SCALE: 1/4" = 1'-0"



4 WEST ELEVATION  
 A61/A62 SCALE: 1/4" = 1'-0"

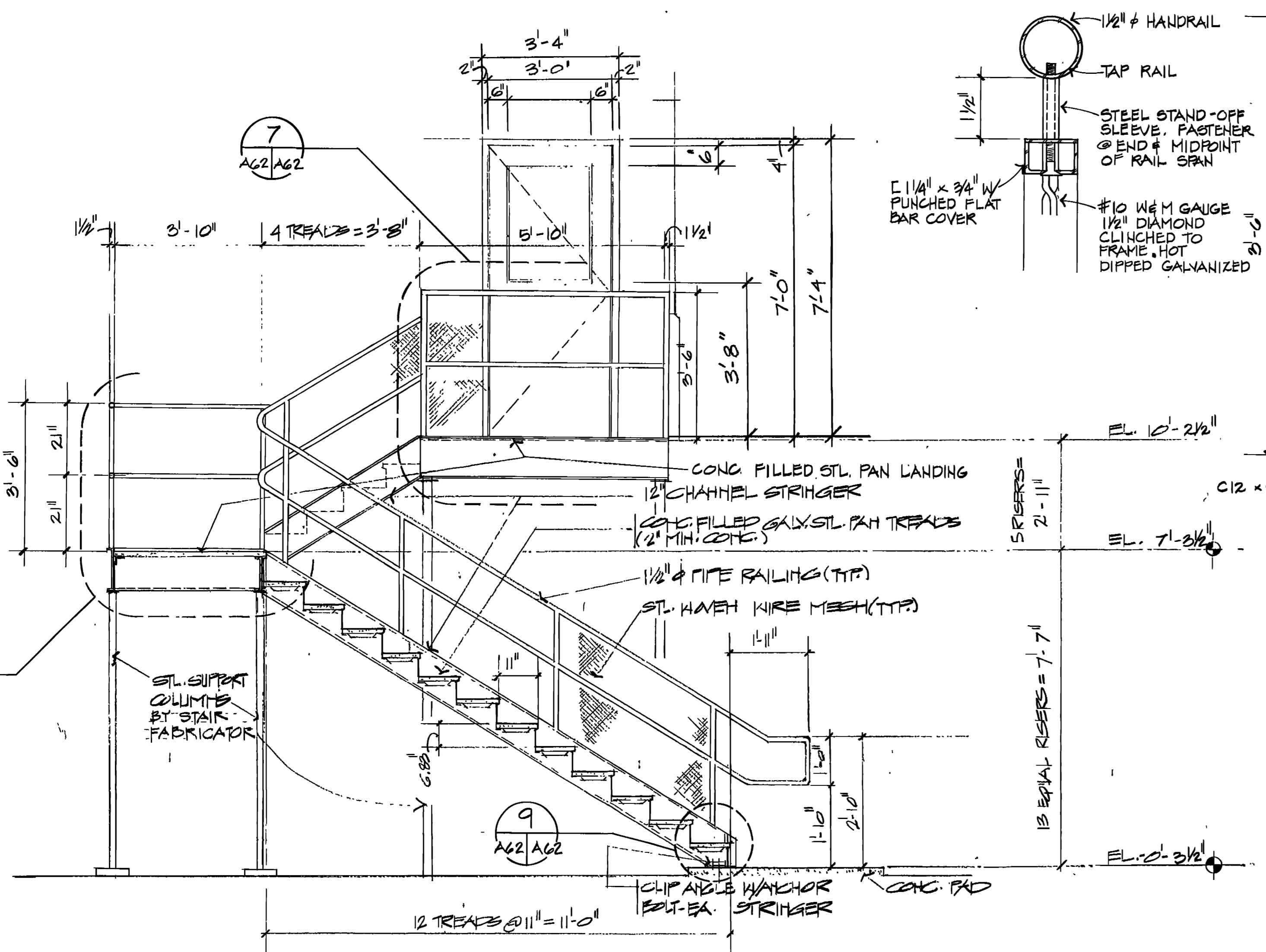


5 SOUTH ELEVATION  
 A61/A62 SCALE: 1/4" = 1'-0"

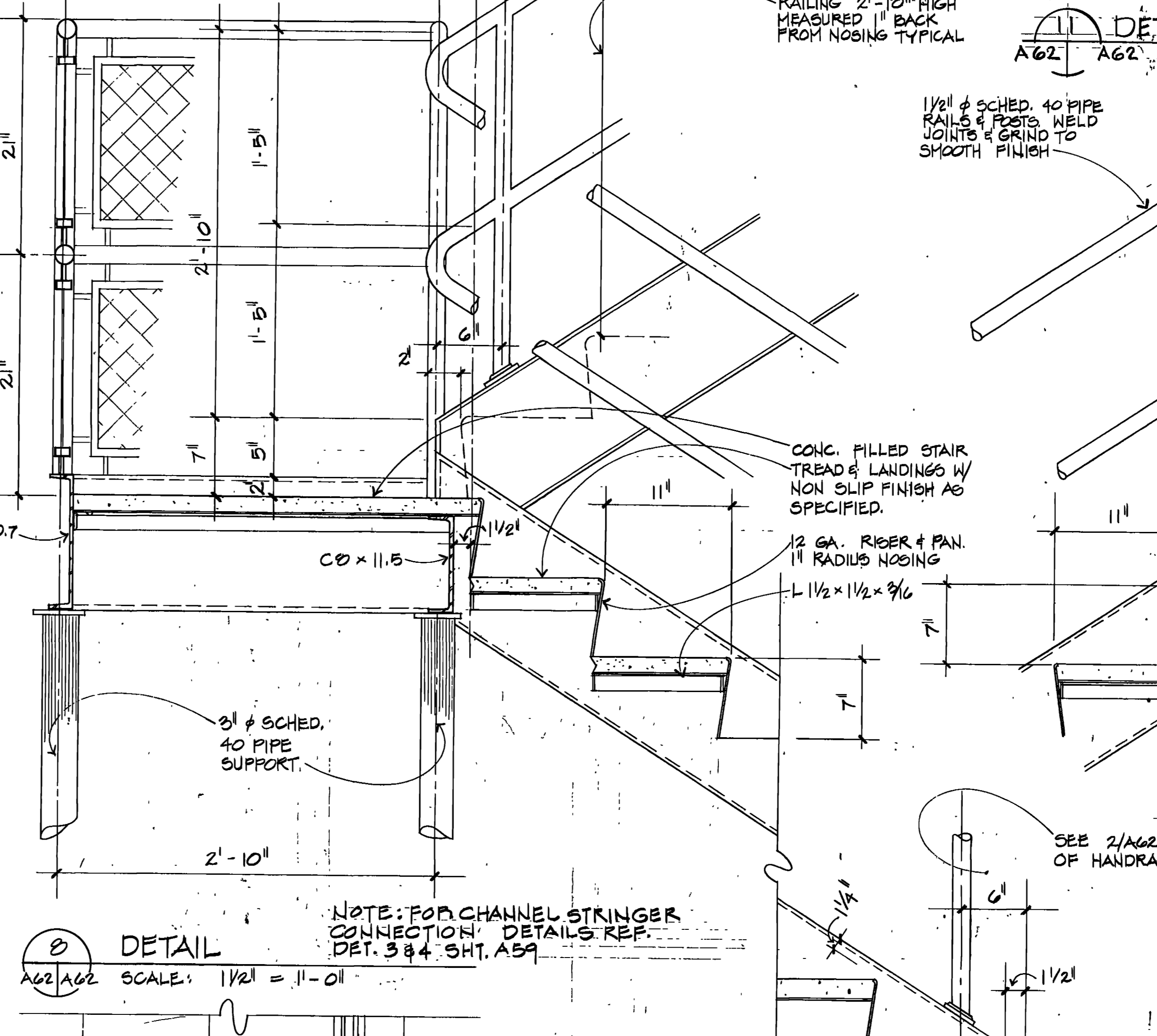


6 EAST ELEVATION  
 A61/A62 SCALE: 1/4" = 1'-0"

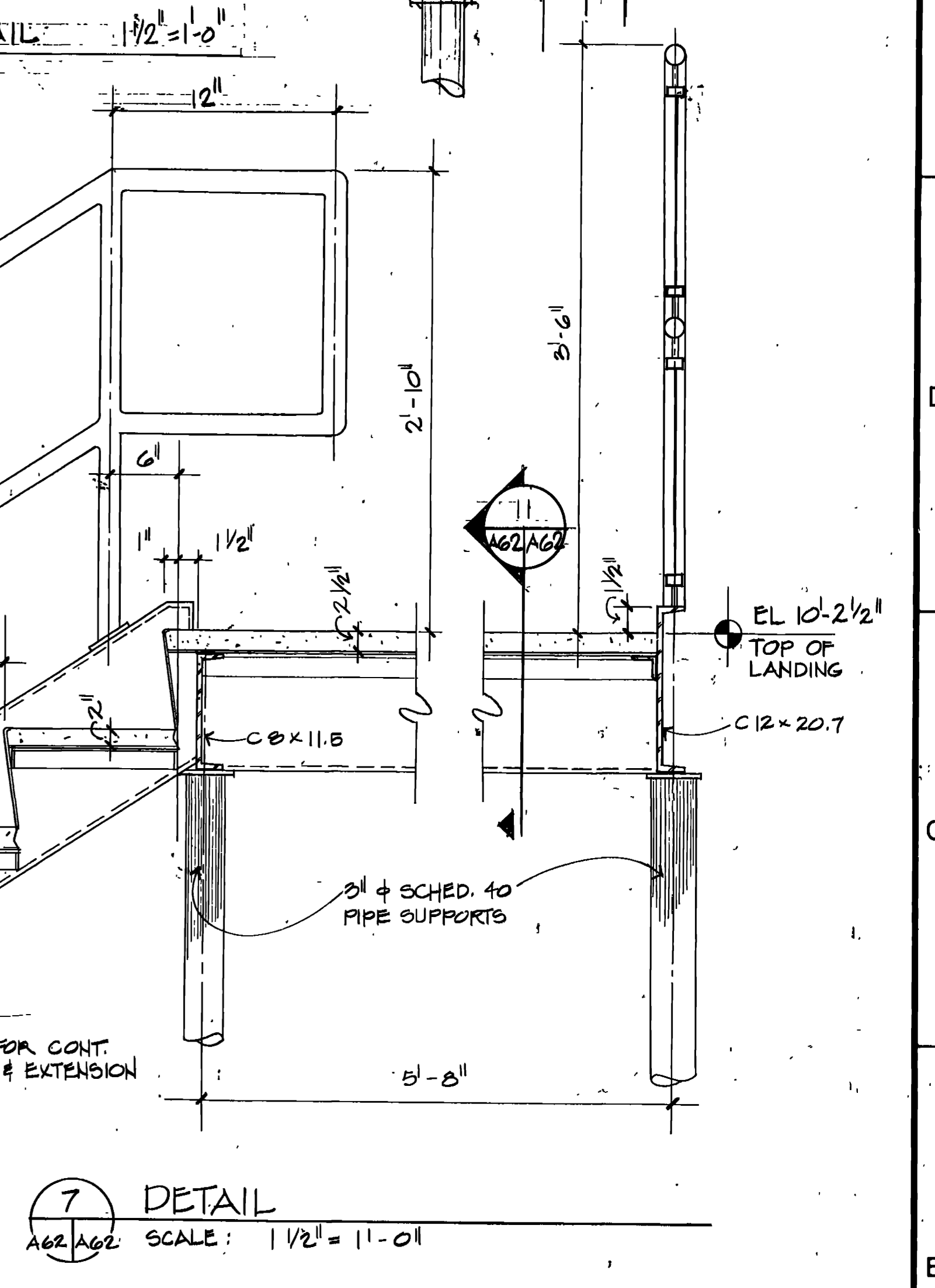
FRAME: 14 GA. GALV. H.M.  
 DOOR: 16 GA. GALV. H.M.  
 GLASS: 1/4" THICK  
 TINT  
 H.W. SET NO: 21



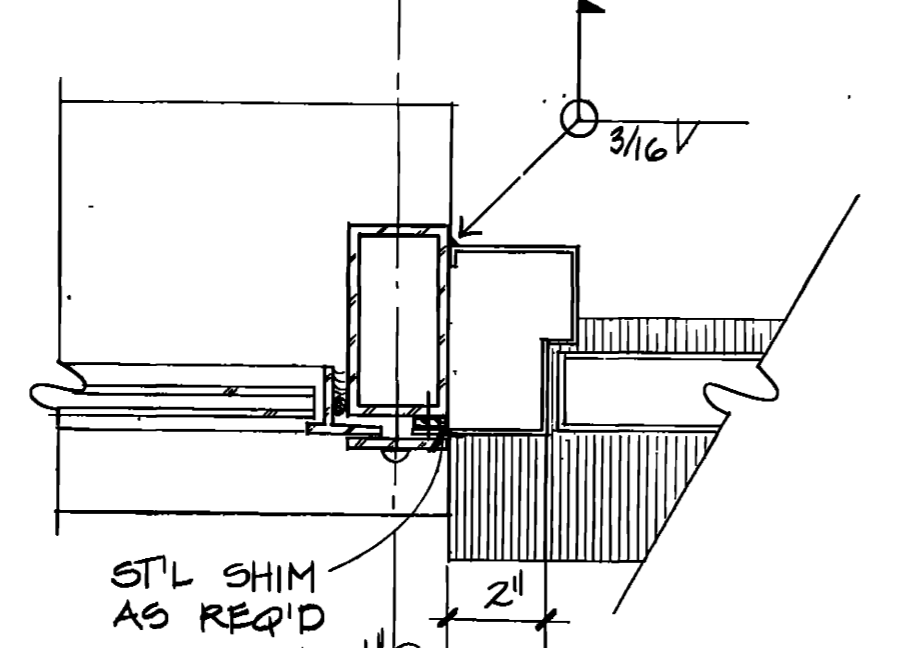
2 STAIR SECTION  
 A61/A62 SCALE: 1/2" = 1'-0"



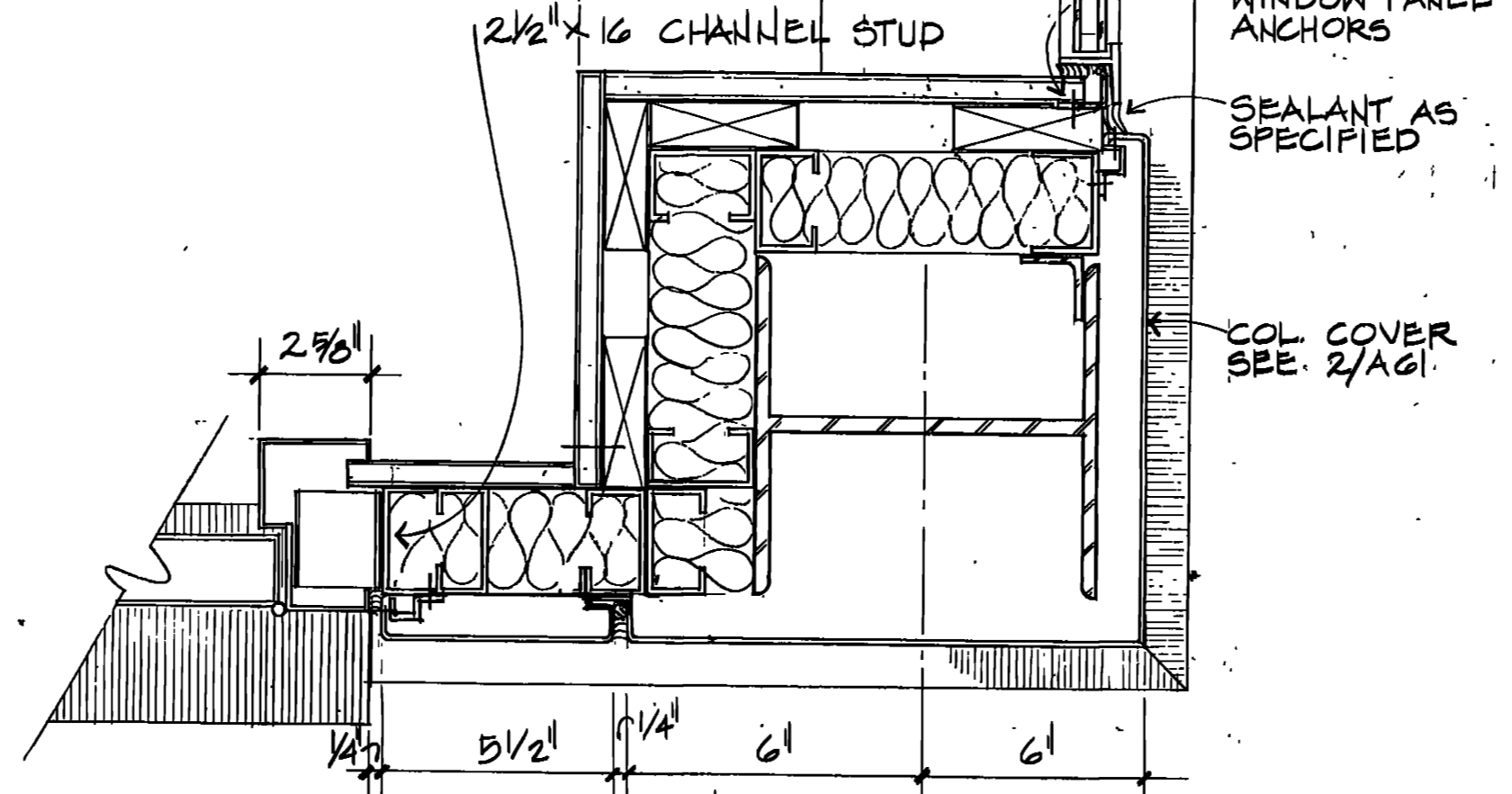
8 DETAIL  
 A62/A62 SCALE: 1/2" = 1'-0"



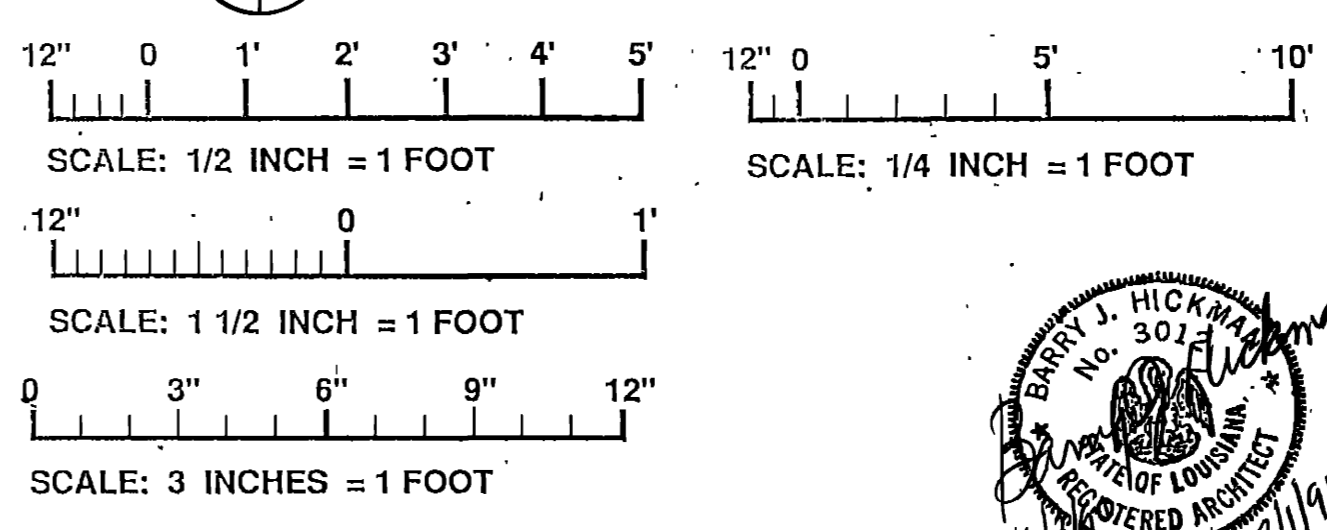
7 DETAIL  
 A62/A62 SCALE: 1/2" = 1'-0"



10 PLAN DETAIL  
 A61/A62 SCALE: 3" = 1'-0"



9 DETAIL  
 A62/A62 SCALE: 1/2" = 1'-0"



|   |  |  |  |
|---|--|--|--|
| CONTROL TOWER<br>~ AMF001 JUN 92 REVISED TO REFLECT W.I. CHANGE<br>WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE |  | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS                   |  |
| DESIGNED BY:<br>C.M.  |  | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS   |  |
| DRAWN BY:<br>J.D.M.   |  | <b>FIRE TRAINING COMPLEX</b><br>EXTERIOR ELEVATIONS, STAIR<br>AND OPENING DETAILS<br>(CONTROL TOWER) |  |
| REVIEWED BY:<br>C.M.  |  | SOL. NO. SACAS-92-B-010<br>DATED: JUN 1992   |  |
| SUBMITTED BY:<br>M.D.   |  | CONTR. NO. SACAS-92-C-05E<br>SHEET NO. 146   |  |

**DESIGN LOADS**

**A. METAL BUILDINGS**

THE MINIMUM LIVE LOADS, BASIC WIND SPEED AND GROUND SNOW LOADS IN TM 5-809-1 ARE THE BASIS FOR DESIGN OF ALL BUILDINGS INCLUDING PRE-ENGINEERED BUILDINGS. HOWEVER, FOR PRE-ENGINEERED BUILDINGS, THE PROCEDURES FOR DEVELOPING DESIGN LOADS FROM THIS DATA WILL FOLLOW METAL BUILDING SYSTEMS MANUAL BY THE METAL BUILDING MANUFACTURERS ASSOCIATION (MBMA).

**1) LIVE LOADS**

**A. ROOF LIVE LOADS**

ROOF LIVE LOADS VARIES FROM 20 PSF TO 12 PSF DEPENDING ON THE TRIBUTARY AREA FOR THE STRUCTURAL MEMBER.

**B. FLOOR LIVE LOADS**

FLOORS ARE DESIGNED TO SUPPORT THE UNIFORMLY DISTRIBUTED LIVE LOADS, OR THE CONCENTRATED LOADS DUE TO SPECIFIC EQUIPMENT, WHICHEVER GOVERNS.

**UNIFORM FLOOR LIVE LOADS:**

- VEHICLE HIGH BAY BUILDING = 250 PSF (OR CONCENTRATED LOADS BELOW)
- VEHICLE MAINTENANCE BUILDING TRUCK BAYS = 250 PSF (OR CONCENTRATED LOADS BELOW)
- OFFICES (2nd FLOOR) = 50 PSF
- MECHANICAL SPACE ON 3rd FLOOR = 125 PSF (LIGHT STORAGE OR ACTUAL CONCENTRATED LOADS)
- TRAINER SERVICES BUILDING SHOP AREA = 250 PSF
- OFFICES = 50 PSF
- 2nd FLOOR MEZZANINE = 125 PSF (LIGHT STORAGE OR ACTUAL CONCENTRATED LOADS)

**CONCENTRATED LOADS:**

- VEHICLE HIGH BAY AND VEHICLE MAINTENANCE BUILDING = AASHTO HS20 DESIGN TRUCK, OR CATEGORY III TRAFFIC (25 KIP AXLE LOADING, 5/DAY), BASED ON THE FUEL AND FIRE TRUCKS ANTICIPATED.

**2) WIND LOADS**

BASIC WIND SPEED = 75 MPH  
EXPOSURE C  
CATEGORY I  
MODIFIERS PER MBMA

**3) SNOW LOADS**

ROOF SNOW LOAD = 3.5 PSF

**4) SEISMIC LOADS**

SEISMIC ZONE 0: NO SEISMIC ANALYSIS REQUIRED.

**5) AUXILIARY LOADS**

JOISTS ARE SUPPORTED BY THE BUILDING FRAME IN TWO BUILDINGS:  
VEHICLE MAINTENANCE FACILITY - 10 TON, ELECTRIC, BRIDGE CRANE  
TRAINER SERVICES FACILITY - 5 TON, ELECTRIC MONORAIL

THE CRANE LOADS WILL BE INCREASED BY THE IMPACT FORCE FACTORS RECOMMENDED BY MBMA.

**6) LOAD COMBINATIONS - PER MBMA**

**B. CMU BUILDINGS**

**1) LIVE LOADS**

**A. ROOF LIVE LOADS**

UNLESS DESIGNATED OTHERWISE, LIVE LOAD VARIES FROM 20 PSF TO 12 PSF DEPENDING ON THE AMOUNT OF TRIBUTARY AREA. ADDITIONALLY, FOR THE DESIGN OF SECONDARY MEMBERS, A CONCENTRATED LIVE LOAD OF 250 LBS. IS INCLUDED. BUILDINGS WITH SPECIFIC ROOF LIVE LOADS ARE:

- STRUCTURAL BURN HOUSE = 100 PSF
- DRILL TOWER = 100 PSF

**B. FLOOR LIVE LOADS**

FLOORS ARE DESIGNED TO SUPPORT THE UNIFORMLY DISTRIBUTED LIVE LOADS, OR THE CONCENTRATED LOADS, WHICHEVER GOVERN.

**UNIFORM FLOOR LIVE LOADS:**

- CLASSROOM WINGS INCLUDING BASIC COURSES, RESCUE/HAZARDOUS MATERIALS, ADVANCED COMPRESS/DIVISION OFFICES AND CRASH/STRUCTURAL:  
CLASSROOMS = 40 PSF  
OFFICES = 40 PSF  
CORRIDORS = 100 PSF  
LABORATORIES AND CLASSROOMS WITH EQUIPMENT = 100 PSF  
MECHANICAL AND COMPUTER ROOMS = 150 PSF
- STRUCTURAL BURN BUILDING  
ACCESSIBLE ROOF = 100 PSF  
GROUND FLOOR = 100 PSF
- DRILL TOWER  
GROUND FLOOR = 250 PSF  
ADDITIONAL FLOORS AND CONCRETE ROOF = 100 PSF  
TIMBER ROOF = 50 PSF
- FUEL DISPENSING STATION BUILDING  
GROUND FLOOR = 100 PSF
- FIRE BURN AREA CONTROL BUILDING  
GROUND FLOOR = 100 PSF  
2nd. FLOOR = 150 PSF (SIMILAR TO COMPUTER ROOM)

**2) WIND LOADS**

BASIC WIND SPEED = 75 MPH  
EXPOSURE C  
CATEGORY I  
MODIFIERS PER TM 5-809-1

**3) SNOW LOADS**

ROOF SNOW LOAD = 4 PSF

**4) SEISMIC LOADS**

SEISMIC ZONE 0. NO SEISMIC ANALYSIS REQUIRED.

**5) LOAD COMBINATIONS - PER TM 5-809-1**

**FOUNDATION NOTES**

- ALL BUILDING FOUNDATIONS ARE TO BE CONCRETE RIBBED MATS. OTHER MISCELLANEOUS EQUIPMENT ITEMS ARE TO UTILIZE TURNED DOWN EDGE SLABS.
- SUBGRADE PREPARATION FOR ALL RIBBED MATS AND TURNED DOWN EDGE SLABS WILL CONSIST OF REMOVING A MINIMUM OF 24 INCHES OF THE EXISTING SUBGRADE MATERIALS UNDER THE PROJECTION OF THE NEW BUILDING (EXTENDING TO 5 FEET BEYOND), AND REPLACING IT WITH NON EXPANSIVE FILL. IN AREAS REQUIRING EXTRA FILL, ANY ADDITIONAL MATERIALS REQUIRED TO RAISE THE FLOOR SLAB TO THE REQUIRED GRADE SHALL ALSO BE NONEXPANSIVE FILL. IN AREAS OF CUT, EXISTING SOIL SHALL BE REMOVED AND REPLACED TO A MINIMUM OF 24 INCHES BELOW THE 6 INCH CAPILLARY WATER BARRIER. NONEXPANSIVE FILL MATERIALS SHOULD CONSIST OF SATISFACTORY MATERIALS HAVING A PLASTICITY INDEX EQUAL TO OR GREATER THAN 4, BUT LESS THAN OR EQUAL TO 12. COMPACT TO 92% MAXIMUM DENSITY ACCORDING TO ASTM D1757, METHOD D.
- DESIGN FOUNDATION ALLOWABLE BEARING PRESSURE = 2000 PSF.
- PLACE A 6 INCH CAPILLARY WATER BARRIER AND A VAPOR BARRIER UNDER ALL SLABS, EXCEPT AS OTHERWISE NOTED.
- CONSTRUCTION JOINTS SHALL BE PLACED AS SHOWN ON THE PLANS, THROUGH SLABS AND BEAMS (SEE DETAIL, SHEET S23).
- LOCATE PIPES, ELECTRICAL CONDUITS, AND OTHER PENETRATIONS BEFORE CONSTRUCTION OF RIBBED MATS.
- REINFORCEMENT SHALL BE PLACED 1 1/2" FROM TOP OF SLAB WHERE NOT INDICATED OTHERWISE.
- EXCAVATIONS FOR UNDERGROUND STRUCTURES (CONCRETE VAULTS, PUMP STATION, TANK, DRAFTING PIT AND RESCUE POOL) SHALL BE OVERSIZED. SLOPES SHOULD BE NO STEEPER THAN 1 ON 1 AS INDICATED. BACKFILL WITH NONEXPANSIVE FILL TO AT LEAST 88% OF MINIMUM DENSITY ACCORDING TO ASTM D1757, METHOD D.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE CONSTRUCTION BEGINS.
- EQUIPMENT FOUNDATIONS AND CONCRETE VAULTS SHALL BE ADJUSTED DIMENSIONALLY TO MATCH THE ACTUAL EQUIPMENT PURCHASED.

**SUPERSTRUCTURE NOTES**

- ALL STRUCTURAL SHAPES AND PLATES NOT SPECIFIED OTHERWISE SHALL BE ASTM A36. STRUCTURAL TUBING SHALL BE ASTM A 500, GR. B, AND PIPE SHALL BE ASTM A53, TYPE E.
- ALL WELDING SHALL BE DONE IN ACCORDANCE WITH AWS D1.1.
- ATTACH HEAVY LOADS TO BAR JOISTS AT PANEL POINTS. THE BOTTOM CHORD SHALL NOT SUPPORT OVER 50 LBS. VERTICAL LOAD BETWEEN PANEL POINTS WITHOUT ADEQUATE REINFORCING OF BOTTOM CHORD. NO VERTICAL LOAD SHALL BE IMPOSED ON THE BRIDGING.
- RIGID FRAME METAL BUILDINGS ARE TO BE STRUCTURALLY DESIGNED BY THE CONTRACTOR TO CONFORM TO THE DIMENSIONS AND ARRANGEMENT SHOWN ON THE DRAWINGS.
- ALL FIELD CONNECTIONS SHALL BE MADE WITH A325 HIGH STRENGTH BOLTS, 3/4" DIAMETER, UNLESS NOTED OTHERWISE.
- UNLESS NOTED OTHERWISE, BEAM CONNECTIONS SHALL BE DESIGNED BY THE CONTRACTOR AS STANDARD FRAMED OR SEATED CONNECTIONS AS SHOWN IN PART 4 OF THE AISC MANUAL OF STEEL CONSTRUCTION. EACH END SHALL BE CAPABLE OF SUPPORTING THE END REACTION CORRESPONDING TO THE UNIFORM LOAD CAPACITY COMPUTED FOR THE GIVEN SHAPE AND SPAN OF THE BEAM IN ACCORDANCE WITH UNIFORM LOAD CONSTANTS IN PART 2 OF THE AISC MANUAL. LENGTH OF FRAMED CONNECTIONS SHALL BE NO LESS THAN ONE-HALF THE "T" DIMENSION OF A SECTION AND SHALL NOT CONTAIN LESS THAN 2 BOLTS. END CONNECTIONS FOR MISCELLANEOUS CROSS BRACING SHALL DEVELOP 100% OF THE STRENGTH OF THE MEMBER IN TENSION AND HAVE A MINIMUM OF TWO BOLTS. ALL HIGH STRENGTH BOLTED CONNECTIONS SHALL BE BEARING TYPE WITH THREADS INCLUDED IN THE SHEAR PLANE, UNLESS NOTED OTHERWISE.
- THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND SELECTION OF APPROPRIATE STEEL BAR JOISTS AND BRIDGING IN ACCORDANCE WITH STEEL JOIST INSTITUTE STANDARD SPECIFICATIONS. JOISTS ARE INDICATED ON THE DRAWINGS BY A PARTIAL DESIGNATION INDICATING THE JOIST TYPE AND DEPTH. JOISTS DESIGN LOADS ARE AS FOLLOWS:

**ROOF LOADS:**

D = DEAD LOAD (TOTAL COMBINED) = 16 PSF DOWN VERTICAL  
L = LIVE LOAD..... = 20 PSF DOWN VERTICAL  
W = WIND LOAD..... = 18.5 PSF UP PERPENDICULAR TO JOIST  
MAXIMUM AXIAL (ALSO DUE TO WIND) = 2300 LBS. (1 END INTO ROOF DIAPHRAGM)

**MEZZANINE LOADS:**

D = DEAD LOAD..... = 45 PSF DOWN VERTICAL  
L = LIVE LOAD..... = 125 PSF DOWN VERTICAL

ADDITIONAL LOADS, IMPOSED BY CONTRACTOR-SUPPLIED EQUIPMENT, SHALL BE DETERMINED AND INCLUDED BY THE CONTRACTOR IN THE JOIST DESIGN LOADS.

- STEEL ROOF DECK SHALL CONFORM TO THE STEEL DECK INSTITUTE DESIGN MANUAL FOR COMPOSITE DECKS, FORM DECKS, AND ROOF DECKS. USE SDI TYPE NR (NARROW RIB) MADE OF ASTM A446 MATERIAL WITH A MINIMUM YIELD POINT OF 33 KSI. ROOF DECK UNITS SHALL BE FABRICATED OF 0.028 INCH MINIMUM DESIGN THICKNESS STEEL WITH MINIMUM SECTION MODULUS AND MOMENT OF INERTIA OF 0.0948 IN<sup>3</sup> PER FOOT AND 0.102 IN<sup>4</sup> PER FOOT RESPECTIVELY. ALL STEEL TO BE USED FOR ROOF DECK TO BE ZINC-COATED IN CONFORMANCE WITH ASTM A525, COATING DESIGNATION G90.
- STEEL ROOF DECK UNITS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS BUT WITH A MINIMUM OF 5/8 INCH NOMINAL PUDDLE WELDS AS SHOWN ON SHEET S3 (3 END AND SUPPORT WELDS ON 24" OR 36" PANELS). DECK ENDS SHALL BE LAPPED 2 INCHES AND SHALL BE LOCATED AT SUPPORTING MEMBERS. WELDING SHALL BE IN ACCORDANCE WITH AWS D1.3. DECKING SHALL BE CONTINUOUS OVER AT LEAST 3 SUPPORTS. SCREWS, OTHER FASTENERS AND OTHER WELD PATTERNS AND PANEL WIDTHS MAY BE USED PROVIDED CALCULATIONS, LOAD TESTS OR OTHER DATA ARE SUBMITTED FOR APPROVAL OF THE CONTRACTING OFFICER DEMONSTRATING THAT THE ALTERNATE DESIGN WILL DEVELOP A SHEAR STRENGTH OF AT LEAST 190 PLF. DESIGN SHOULD INCLUDE ADEQUATE SAFETY FACTOR.
- FOR METAL BUILDINGS, COLUMN LINES ARE SHOWN TO THE CENTERLINE OF INTERIOR COLUMNS AND TO THE OUTSIDE EDGE OF STEEL FOR COLUMNS ON THE OUTSIDE EDGE OF THE BUILDING.

- STEEL PURLINS SHALL HAVE A MINIMUM YIELD POINT OF 50 KSI. PURLINS SHALL BE 8 INCH MEMBERS WITH STIFFENED FLANGES CONFORMING TO AISI SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS OF "C" OR "Z" SHAPE AND CONFORMING TO THESE SECTION PROPERTIES:

NOMINAL HEIGHT = 8 IN.  
NOMINAL FLANGE WIDTH = 3 IN.  
MINIMUM SECTION MODULUS = 2.3 IN<sup>3</sup>  
MINIMUM MOMENT OF INERTIA = 9.9 IN<sup>4</sup>  
MINIMUM THICKNESS = 0.075 IN.

- TRUSS BRIDGING SHALL HAVE A MINIMUM YIELD POINT OF 50 KSI AND SHALL BE 10 INCH MEMBERS WITH STIFFENED FLANGES CONFORMING TO AISI SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS OF "C" OR "Z" SHAPE AND CONFORMING TO THESE SECTION PROPERTIES:

NOMINAL HEIGHT = 10 IN.  
NOMINAL FLANGE WIDTH = 3.5 IN.  
MINIMUM THICKNESS = 0.075 IN.

- SUBPURLINS SHALL HAVE A MINIMUM YIELD POINT OF 50 KSI AND SHALL BE COLD-FORMED "HAT SECTION" MEMBERS CONFORMING TO AISI SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS OF "C" OR "Z" SHAPE AND CONFORMING TO THESE SECTION PROPERTIES:

NOMINAL HEIGHT = 1.5 IN.  
MINIMUM SECTION MODULUS = 0.10 IN<sup>3</sup>  
MINIMUM THICKNESS = 0.06 IN.  
MINIMUM MOMENT OF INERTIA = 0.05 IN<sup>4</sup>

- STUD, JOIST, AND RAFTER MEMBERS AND ACCESSORIES SHALL BE FORMED FROM CORROSION-RESISTANT STEEL, CORRESPONDING TO THE REQUIREMENTS OF ASTM A446 EXCEPT THAT THE STEEL SHALL HAVE A MINIMUM YIELD POINT OF 50 KSI (GRADE D) FOR 12, 14, AND 16 GAUGES AND 33 KSI (GRADE A) FOR 18 AND 20 GAUGES. SHAPES SHALL CONFORM TO THE AISI SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS. WEB STIFFENERS SHALL BE PROVIDED AT REACTION POINTS AND POINTS OF CONCENTRATED LOADS. FASTENING SHALL BE CORROSION-RESISTANT, SELF-DRILLING TYPE WITH PAN HEAD SCREWS OR BY WELDING.

- ATTACH SUBPURLINS WITH ONE 3/4" LONG FILLET WELD-ON EACH SIDE MINIMUM OR USE AN ALTERNATE APPROVED METHOD UTILIZING SCREWS OR OTHER FASTENERS CAPABLE OF RESISTING 760 LBS. OF SHEAR.

- PRE-ENGINEERED METAL BUILDINGS SHALL BE CONSTRUCTED TO THE DIMENSIONS SHOWN ON THE DRAWINGS. COLUMN REFERENCE LINES MUST BE MAINTAINED AS SHOWN. THE ACTUAL SIZE OF COLUMNS AND OTHER FRAMING MEMBERS SHALL BE COORDINATED WITH THE AVAILABLE SPACE PROVIDED AROUND DOORS AND OTHER ARCHITECTURAL FEATURES.

- A COMPLETE DESIGN ANALYSIS SHOWING ALL CALCULATIONS SHALL BE DONE FOR ALL PRE-ENGINEERED METAL BUILDINGS. BRACING AND STABILITY SHALL BE AS SHOWN ON THE ARCHITECTURAL DRAWINGS AND IN SPECIFICATION SECTION 13120.

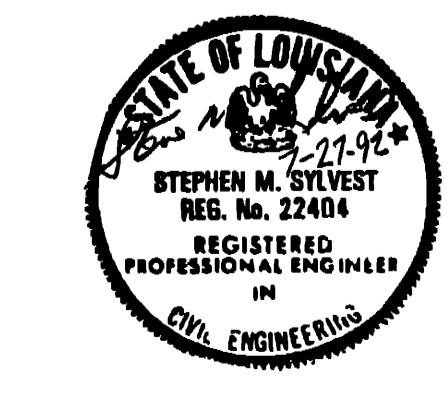
- LOADINGS FOR PRE-ENGINEERED METAL BUILDINGS SHALL INCLUDE MECHANICAL AND ELECTRICAL EQUIPMENT INCLUDING CRANES, HEATERS, SPRINKLERS, EXHAUST SYSTEMS, AND ALL OTHER SUCH DEVICES. ADDITIONAL BEAMS, GIRTS OR PURLINS SHALL BE PLACED IN CONVENIENT LOCATIONS FOR ATTACHMENT OF MECHANICAL EQUIPMENT.

**CONCRETE NOTES**

- MINIMUM CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS = 3000 PSI. USE NORMAL WEIGHT CONCRETE, EXCEPT FOR SLABS ABOVE GROUND USE LIGHTWEIGHT CONCRETE.
- FOR ALL CONCRETE USED IN RIBBED MATS OR TURNED DOWN EDGE SLABS, THE MINIMUM 28 DAY FLEXURAL STRENGTH SHALL BE 650 PSI.
- ALL ANCHOR BOLTS SHALL BE ASTM A307 OR FABRICATED FROM ASTM A36 BAR STOCK UNLESS OTHERWISE NOTED.
- REINFORCING STEEL SHALL BE ASTM A615, GRADE 60.
- WHERE NOT INDICATED OTHERWISE, DESIGN REINFORCING SPLICES AS A CLASS "B" TENSION LAP SPLICE PER ACI 318-89. WHERE NOT INDICATED OTHERWISE, EMBED DOWELS THE COMPUTED DEVELOPMENT LENGTH IN ACCORDANCE WITH ACI 318-89 INCLUDING APPROPRIATE MODIFICATION FACTORS.
- SUPERPLASTICIZERS MAY BE USED TO INCREASE SLUMP AND WORKABILITY. IN NO CASE MAY ADDITIONAL WATER BE ADDED BEYOND THE DESIGN WATER-CEMENT RATIO.
- GROUT SHALL BE CEMENTITIOUS NONSHRINK GROUT CONFORMING TO CRD-C 621.

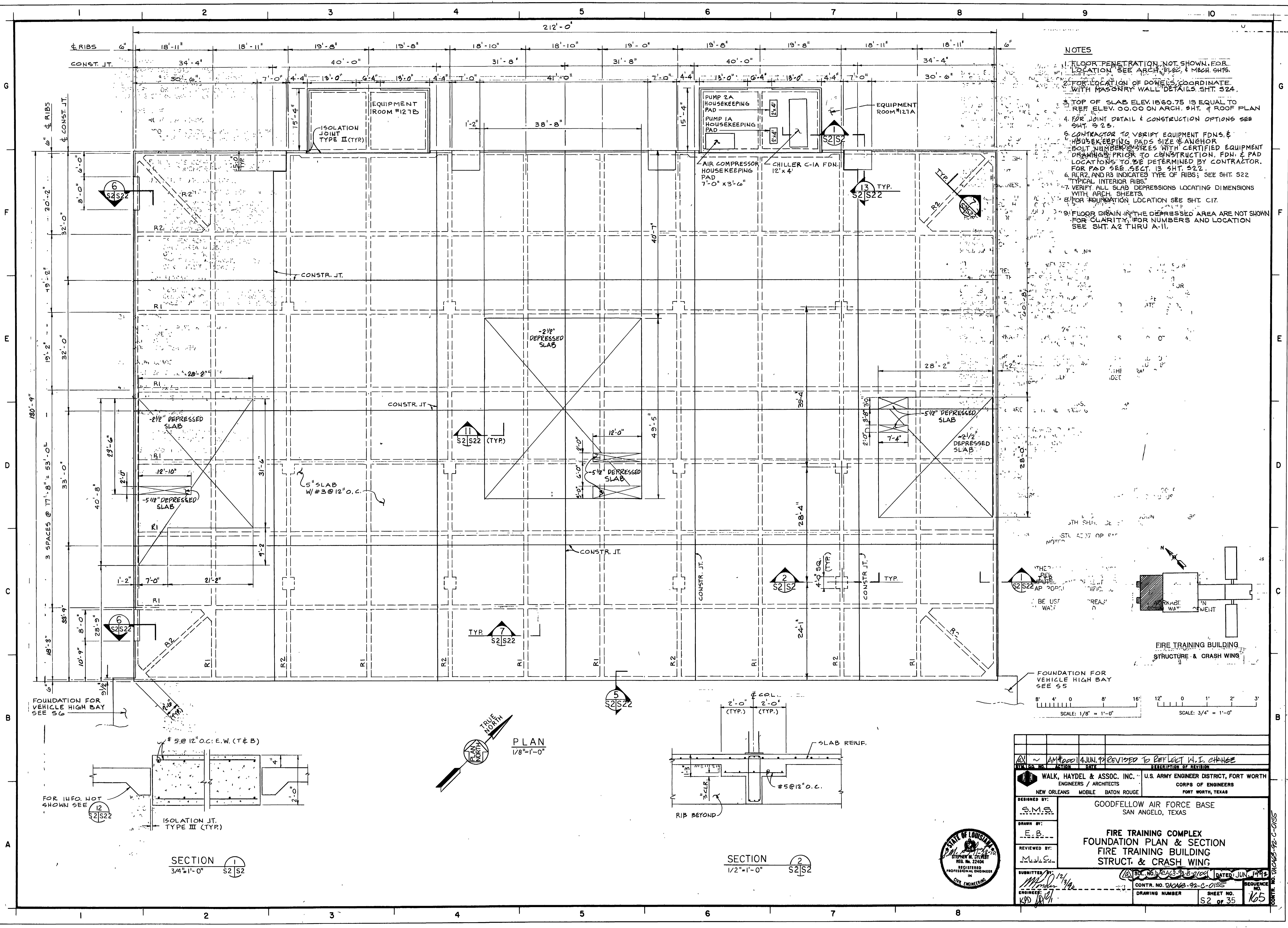
**MASONRY NOTES**

- ALL CONCRETE MASONRY UNITS (CMU) SHALL BE NOMINAL 8"x16" LENGTH, ASTM C90, GRADE N-1, LIGHTWEIGHT.
- MORTAR SHALL BE ASTM C270, TYPE S.
- GROUT SHALL BE ASTM C476 AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 2000 PSI.
- FOR ADDITIONAL MASONRY NOTES SEE SHEET S24.

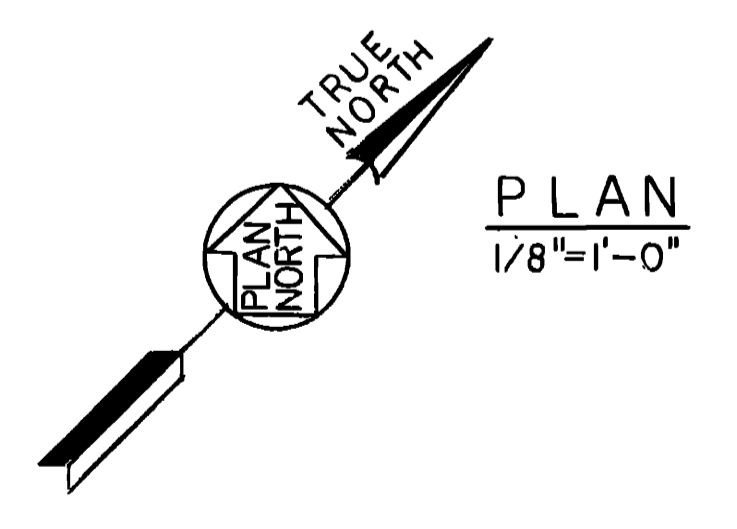
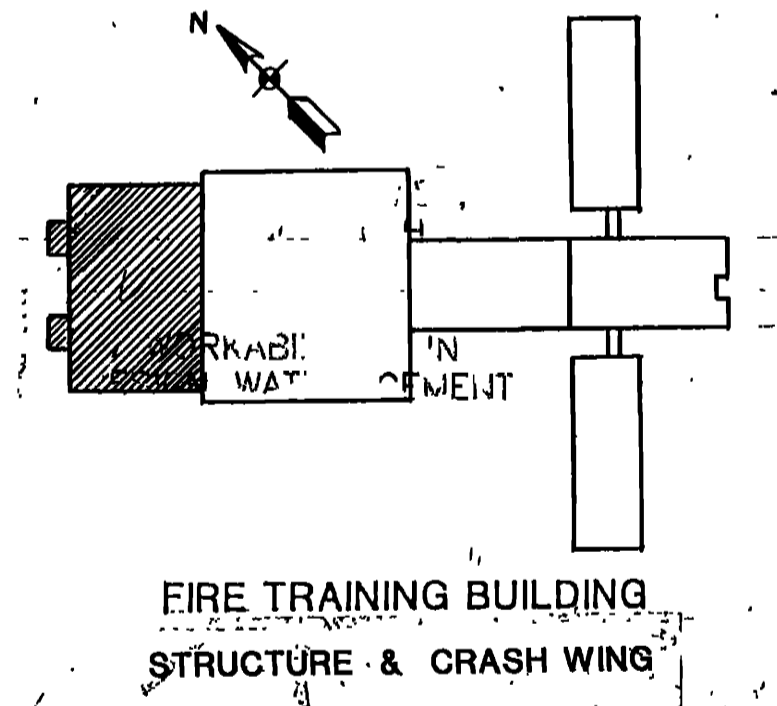


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|--|--|--|-------------------------|
| AM 5000-3-92 REVISED METAL BUILDINGS NOTE 5  |  |  |                         |
| AM 5000-4 JUN 92 REVISED TO REFLECT W. I. CHANGE                                       |  |  |                         |
| SYMBOL NO.   | ACTION   | DATE   | DESCRIPTION OF REVISION |
| WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE |  | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS |                         |
| DESIGNED BY:   | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS |  |                         |
| S.M.S.   |  |  |                         |
| DRAWN BY:  | FIRE TRAINING COMPLEX                          |  |                         |
| K.C.K.   |  |  |                         |
| REVIEWED BY:   | NOTES  |  |                         |
| M.J.C.   |  |  |                         |
| SUBMITTED BY:  | SOL. N6DACA63-12B-0109 DATED JUN. 1992         |  |                         |
| CONTR. NO. D6DACA63-92-C-0155  | DRAWING NUMBER                                 |  | SHEET NO. 164           |
|  |  |  | 1 OF 33                 |

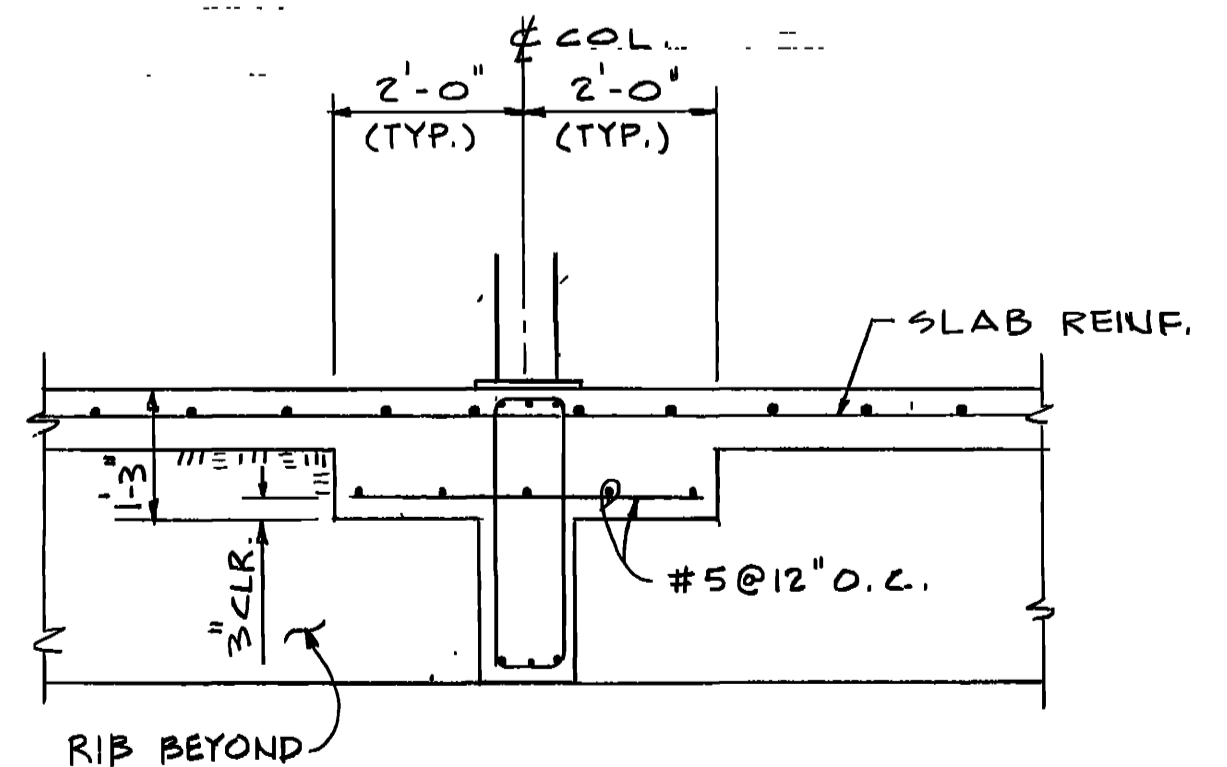
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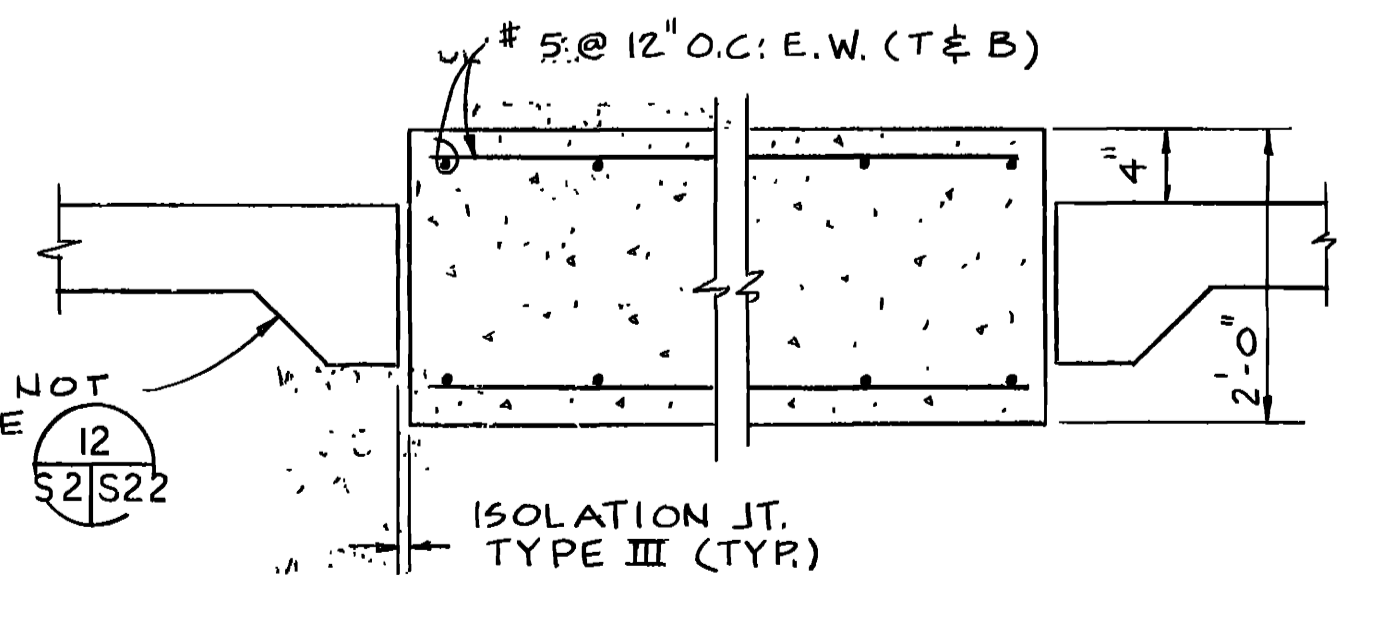
- NOTES**
- FLOOR PENETRATION NOT SHOWN FOR LOCATION SEE ARCH. SHTS. & M&E SHTS.
  - FOR LOCATION OF POWERS, COORDINATE WITH MASONRY WALL DETAILS SHT. S24.
  - TOP OF SLAB ELEV. IS 60.75 IS EQUAL TO REF. ELEV. 00.00 ON ARCH. SHT. OF ROOF PLAN.
  - FOR JOINT DETAIL & CONSTRUCTION OPTIONS SEE SHT. S25.
  - CONTRACTOR TO VERIFY EQUIPMENT FDN. & HOUSEKEEPING PADS SIZE & ANCHOR BOLT NUMBER & SIZES WITH CERTIFIED EQUIPMENT DRAWINGS PRIOR TO CONSTRUCTION. FDN. & PAD LOCATIONS TO BE DETERMINED BY CONTRACTOR. FOR PAD SEE SECT. 13 SHT. S22.
  - R1, R2, AND R3 INDICATES TYPE OF RIBS; SEE SHT. S22 "TYPICAL INTERIOR RIBS".
  - VERIFY ALL SLAB DEPRESSIONS LOCATING DIMENSIONS WITH ARCH. SHEETS.
  - FOR FOUNDATION LOCATION SEE SHT. C17.
  - FLOOR DRAIN IN THE DEPRESSED AREA ARE NOT SHOWN FOR CLARITY. FOR NUMBERS AND LOCATION SEE SHT. A2 THRU A.11.



**PLAN**  
1/8" = 1'-0"



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



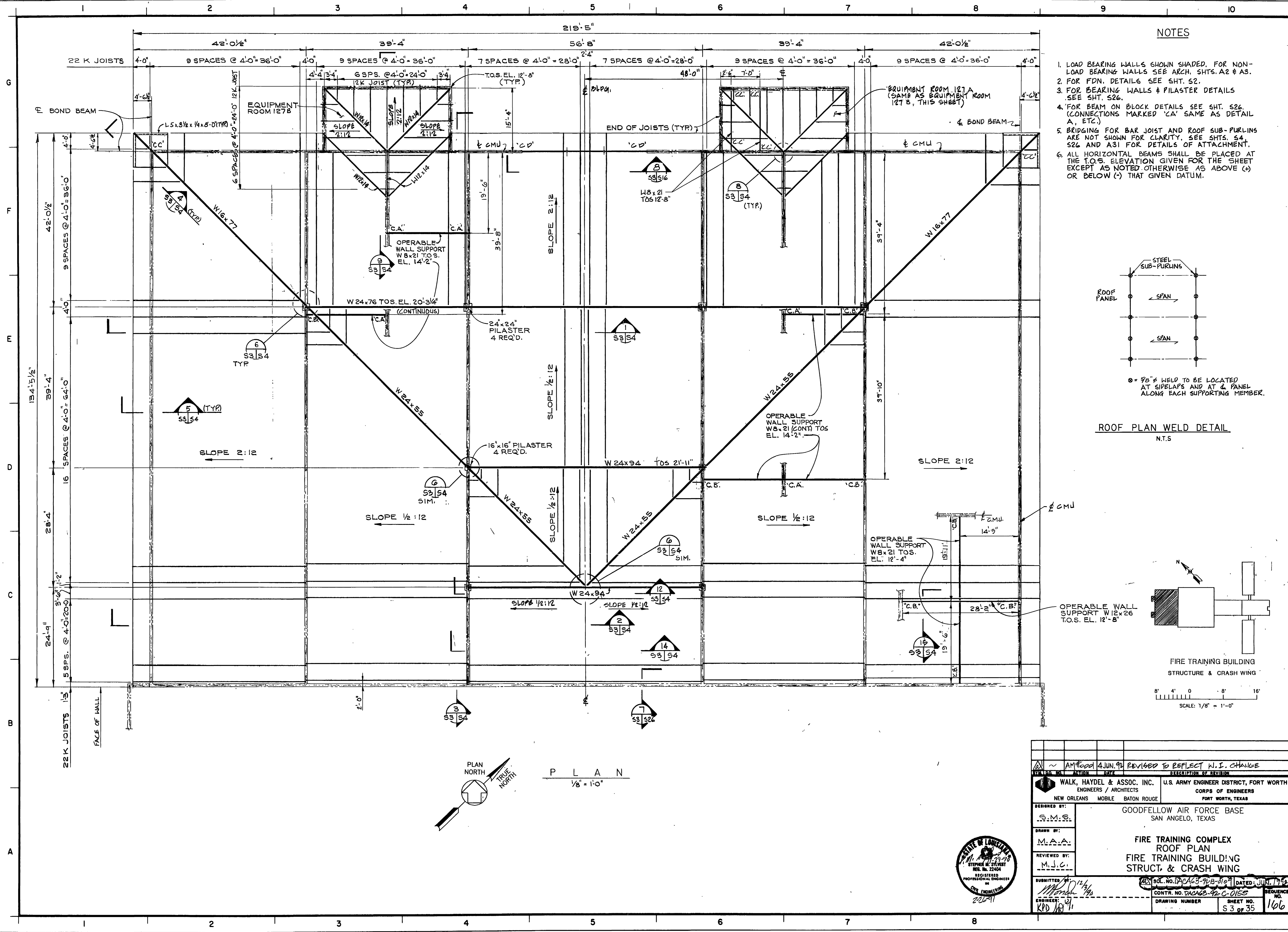
**SECTION 1**  
3/4" = 1'-0"

|   |  |  |
|---|--|--|
| DESIGNED BY:<br>S.M.S.<br>DRAWN BY:<br>E.B.<br>REVIEWED BY:<br>M.J.C.                                       | WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS |
| GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS  |  |  |
| <b>FIRE TRAINING COMPLEX</b><br>FOUNDATION PLAN & SECTION<br>FIRE TRAINING BUILDING<br>STRUCT. & CRASH WING |  |  |
| SUBMITTED BY:<br>M.J.C.   | DATE: JUN. 9, 1992<br>REVISION: TO REFLECT W.I. CHANGE                                 | DRAWING NUMBER: S2 OF 35<br>SHEET NO.: 165   |



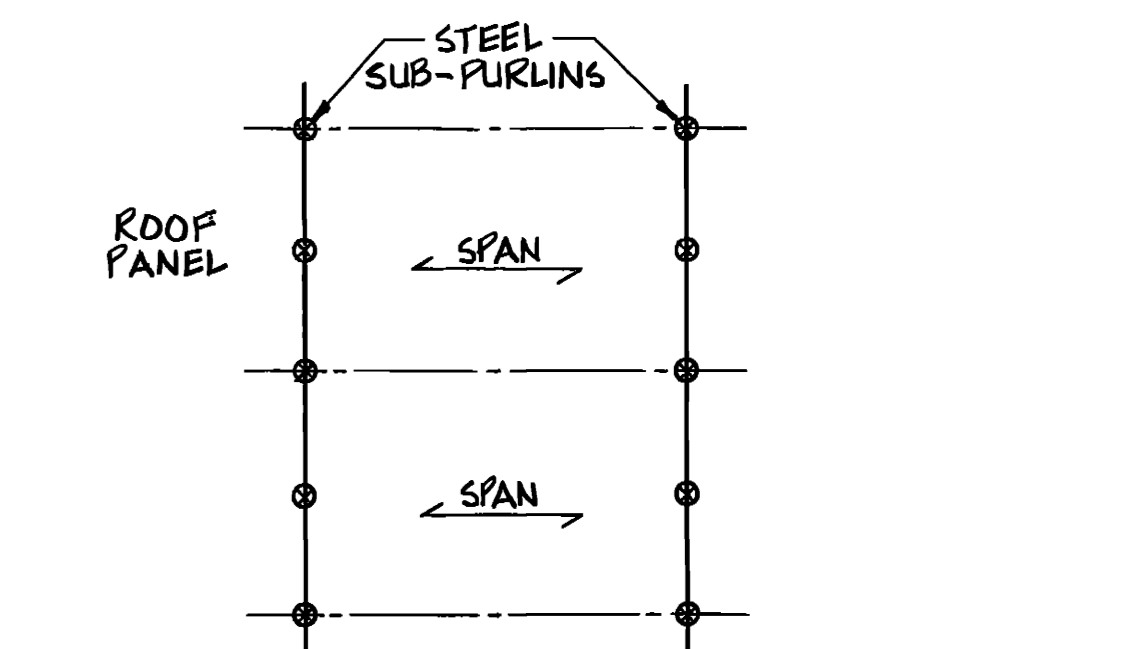


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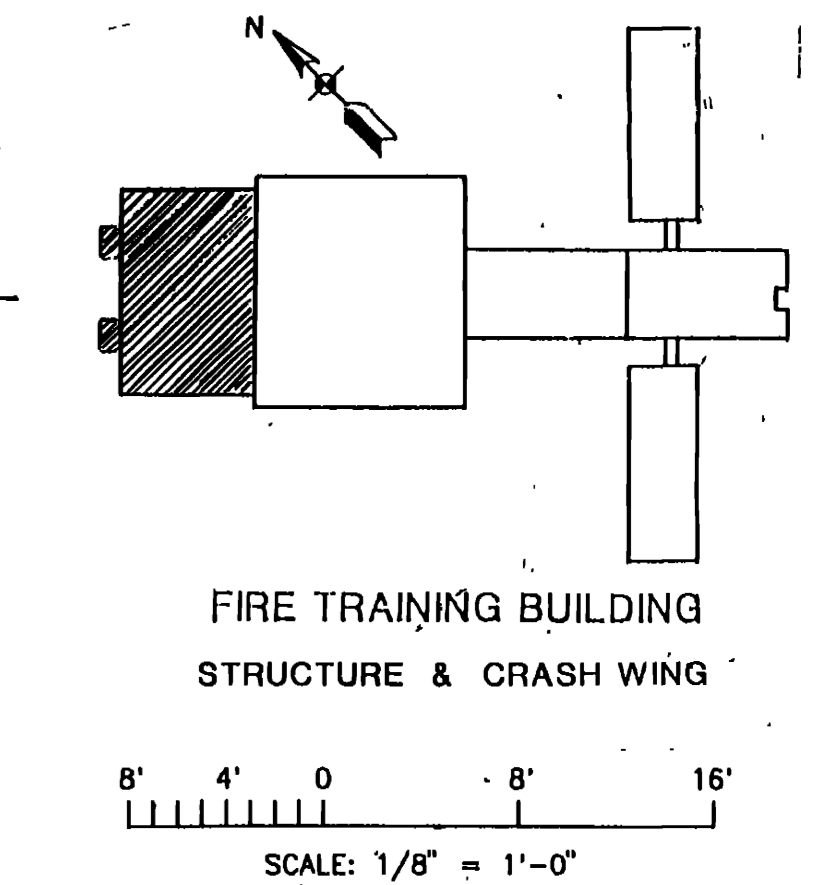


NOTES

- LOAD BEARING WALLS SHOWN SHADED. FOR NON-LOAD BEARING WALLS SEE ARCH. SHTS. A2 & A3.
- FOR FDN. DETAILS SEE SHT. S2.
- FOR BEARING WALLS & PILASTER DETAILS SEE SHT. S26.
- FOR BEAM ON BLOCK DETAILS SEE SHT. S26. (CONNECTIONS MARKED 'CA' SAME AS DETAIL A, ETC.)
- BRIDGING FOR BAR JOIST AND ROOF SUB-PURLINS ARE NOT SHOWN FOR CLARITY. SEE SHTS. S4, S26 AND A31 FOR DETAILS OF ATTACHMENT.
- ALL HORIZONTAL BEAMS SHALL BE PLACED AT THE T.O.S. ELEVATION GIVEN FOR THE SHEET EXCEPT AS NOTED OTHERWISE AS ABOVE (+) OR BELOW (-) THAT GIVEN DATUM.



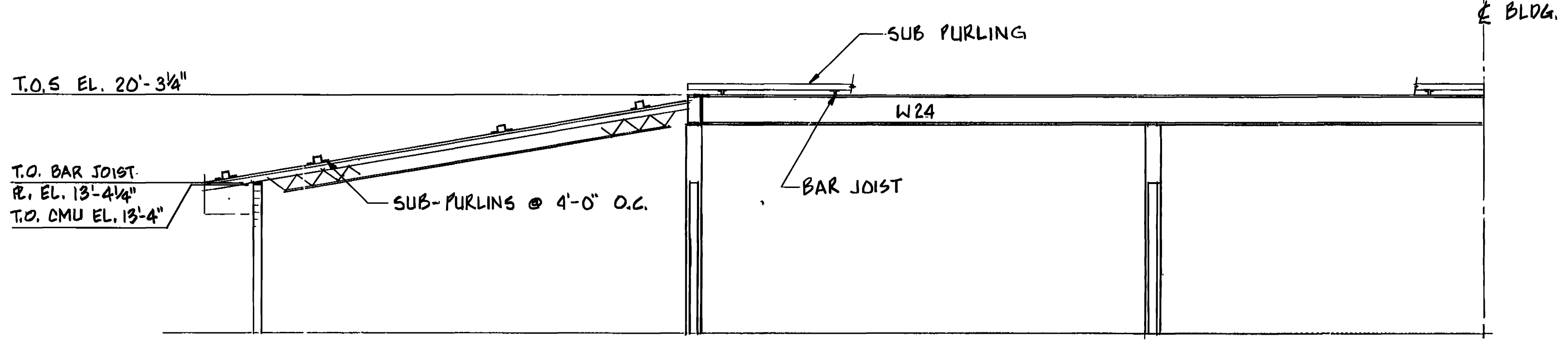
ROOF PLAN WELD DETAIL N.T.S



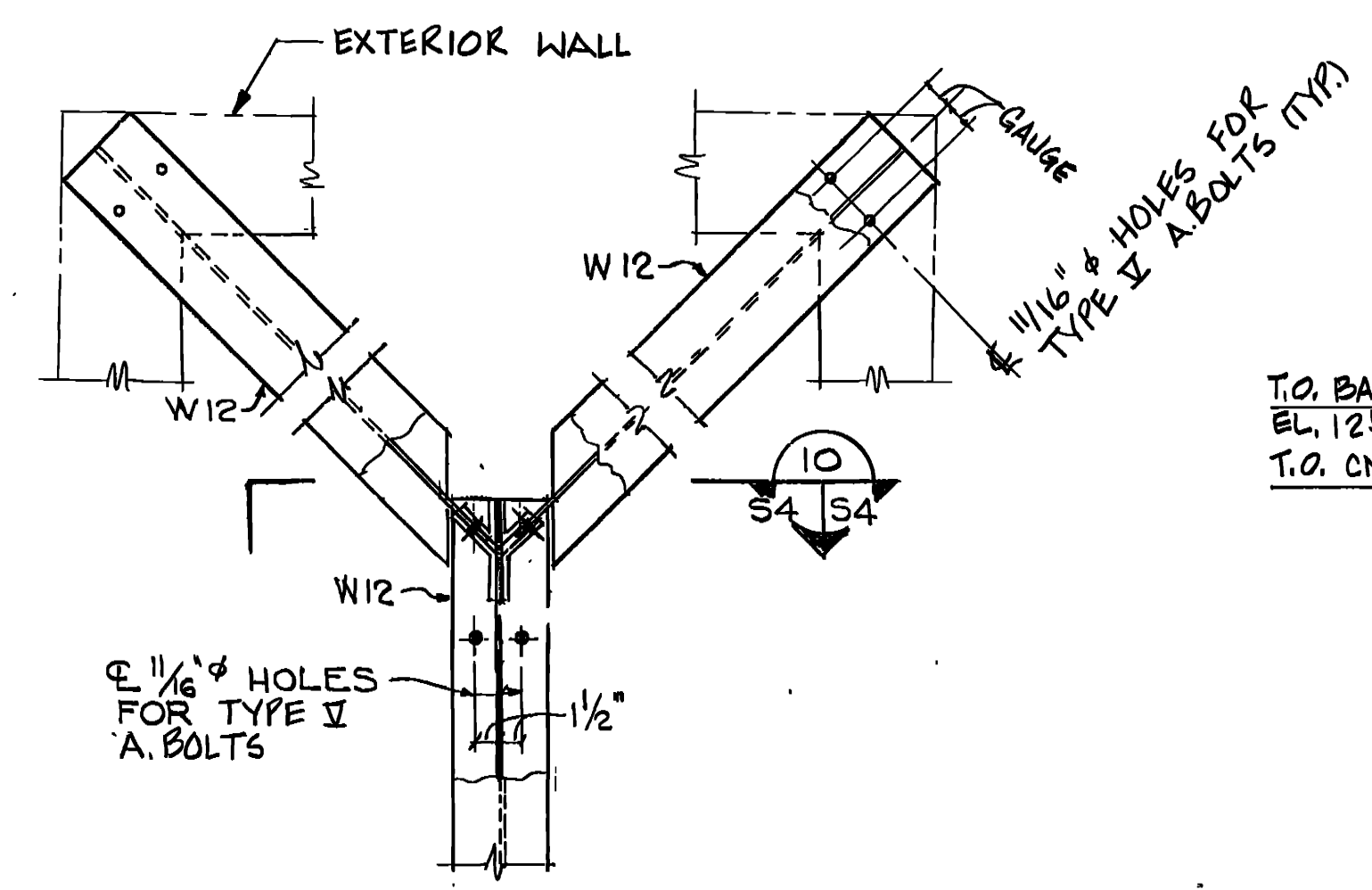
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|----------------|---|--|--------------------------------|
| DATE           | 4 JUN 99  | REVISION                                       | REVISED TO REFLECT W.I. CHANGE |
| DESIGNED BY:   | WALK, HAYDEL & ASSOC. INC.  | U.S. ARMY ENGINEER DISTRICT, FORT WORTH        | CORPS OF ENGINEERS             |
| DRAWN BY:      | S.M.S.  | NEW ORLEANS                                    | MOBILE                         |
| REVIEWED BY:   | M.A.A.  | PORT WORTH, TEXAS                              |                                |
| ENGINEER:      | M.J.C.  | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS |                                |
| PROJECT:       | FIRE TRAINING COMPLEX<br>FIRE TRAINING BUILDING<br>STRUCT. & CRASH WING |  |                                |
| CONTRACT NO.   | DAAC63-92-B-108   | DATE   | JUN 1992                       |
| ENGINEER:      | KPD   | CONTRACT NO.                                   | DAAC63-92-C-0155               |
| DRAWING NUMBER | S3 OF 35  | SHEET NO.                                      | 106                            |



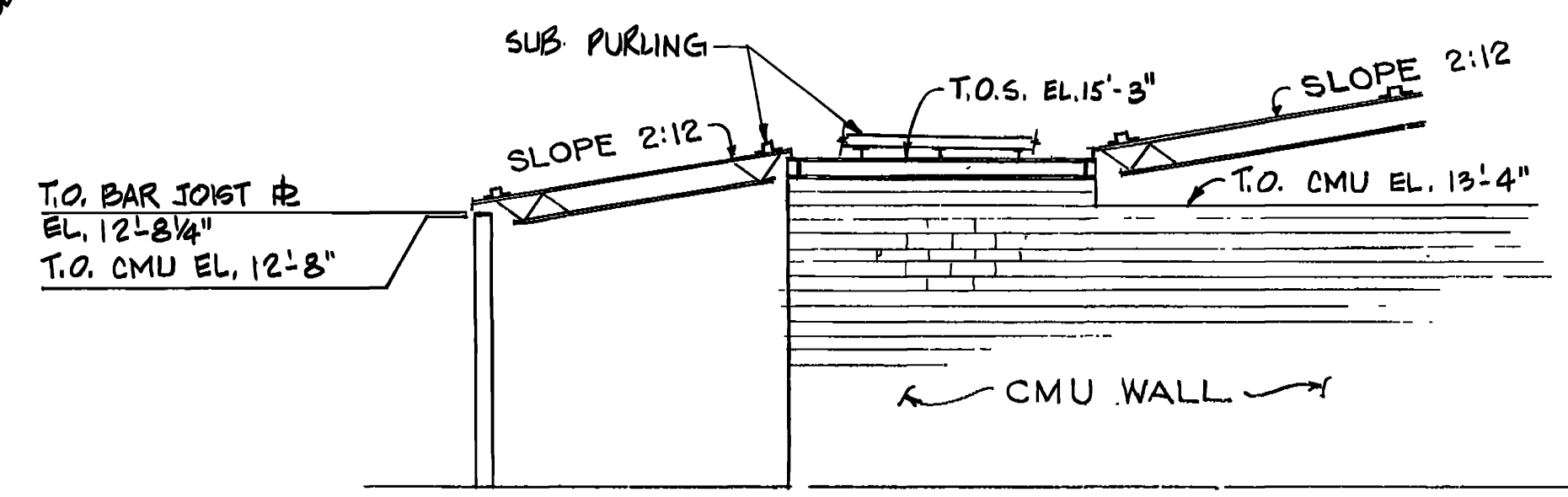
NOTES:  
 1. SEE SHT. S26 FOR DETAILS ON ATTACHING BAR JOIST.  
 2. SEE SHT. S3 FOR ADDITIONAL NOTES.



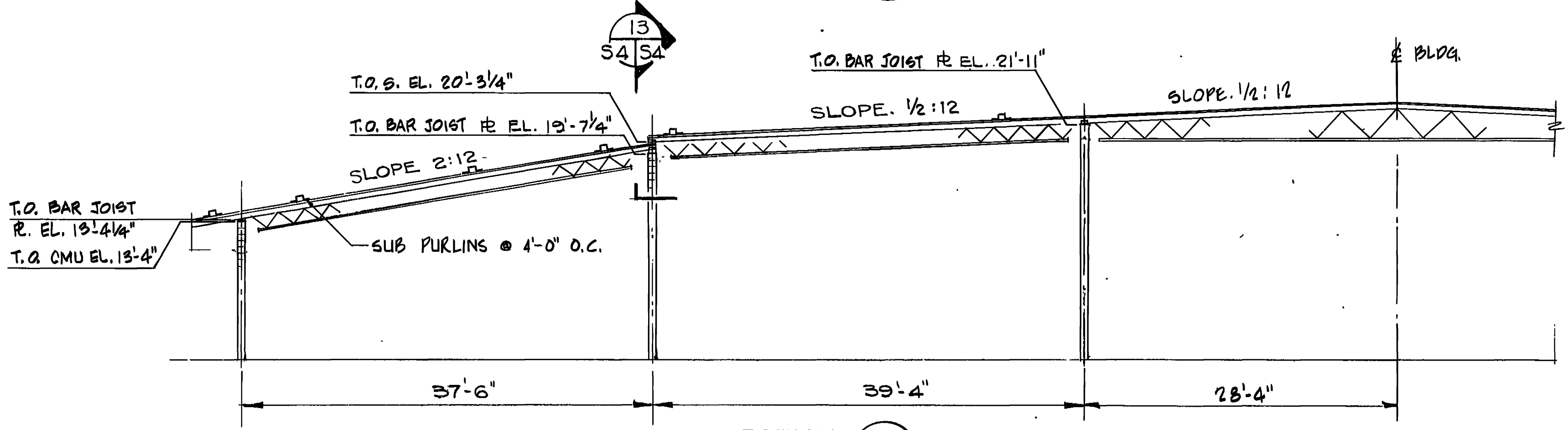
SECTION 1  
 1/8" = 1'-0" S3 | S4



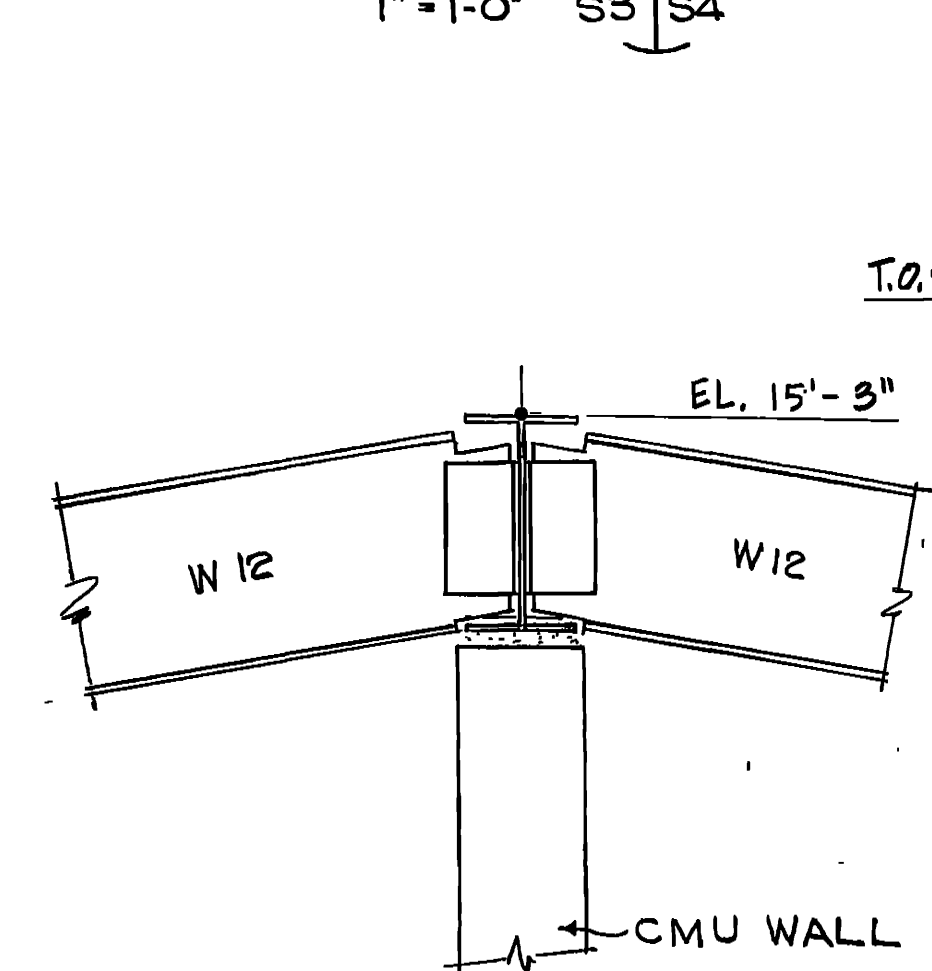
DETAIL 8  
 1" = 1'-0" S3 | S4



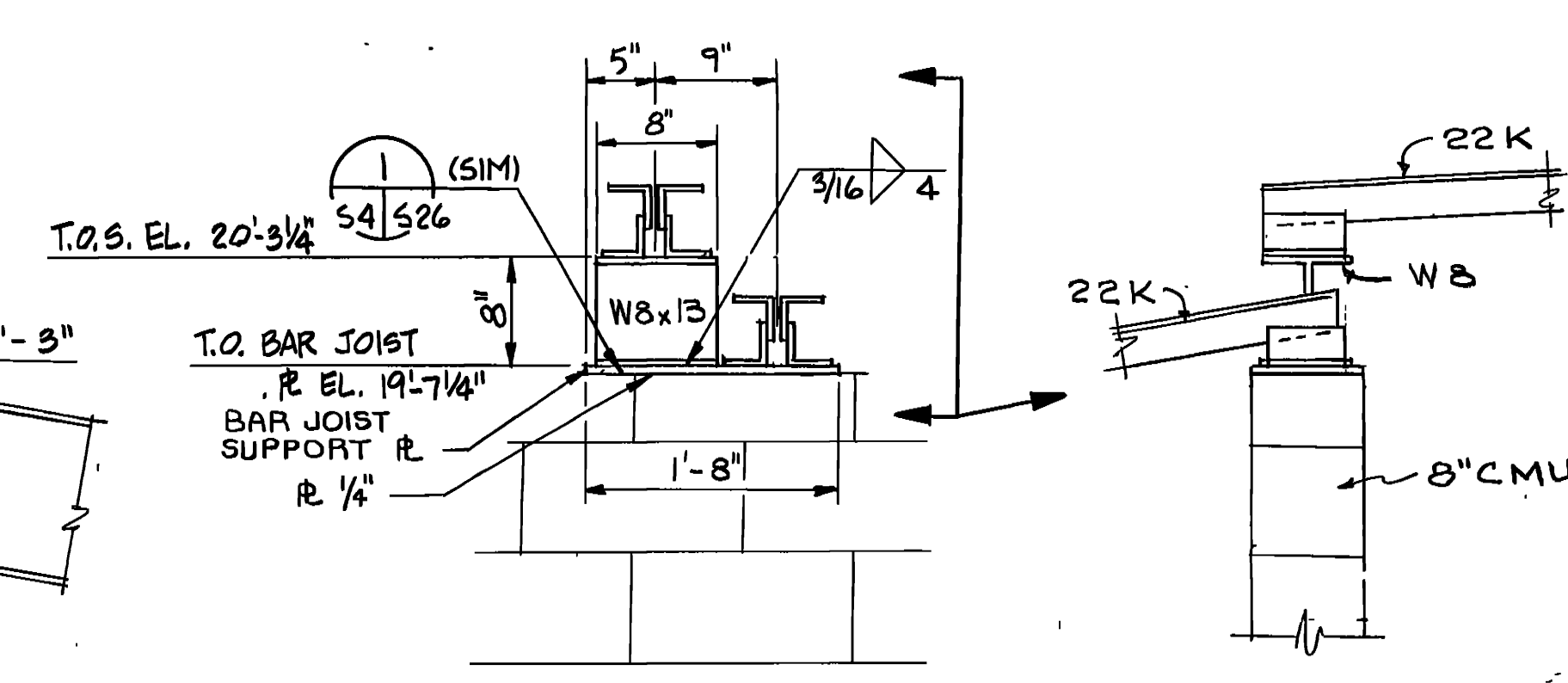
SECTION 9  
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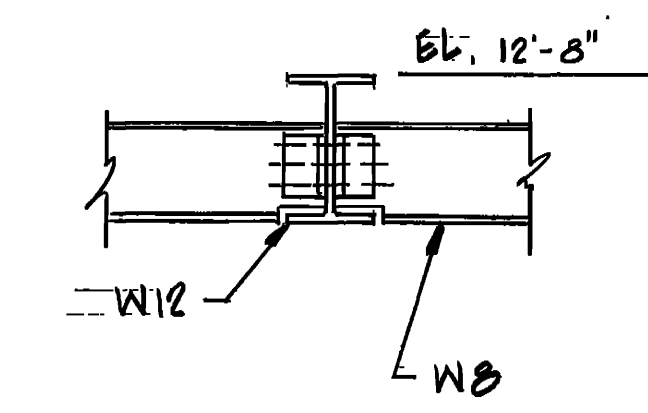
SECTION 2  
 1/8" = 1'-0" S3 | S4



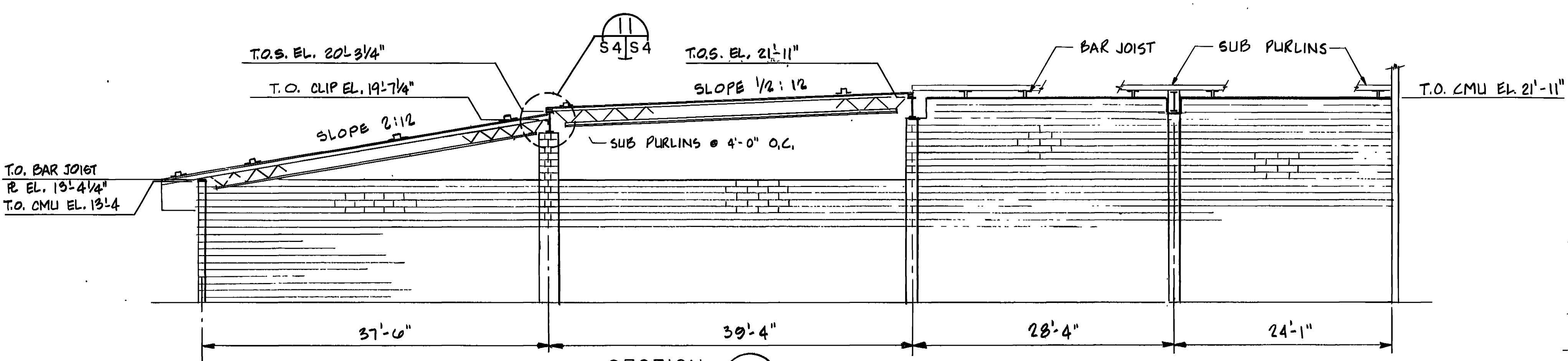
SECTION 10  
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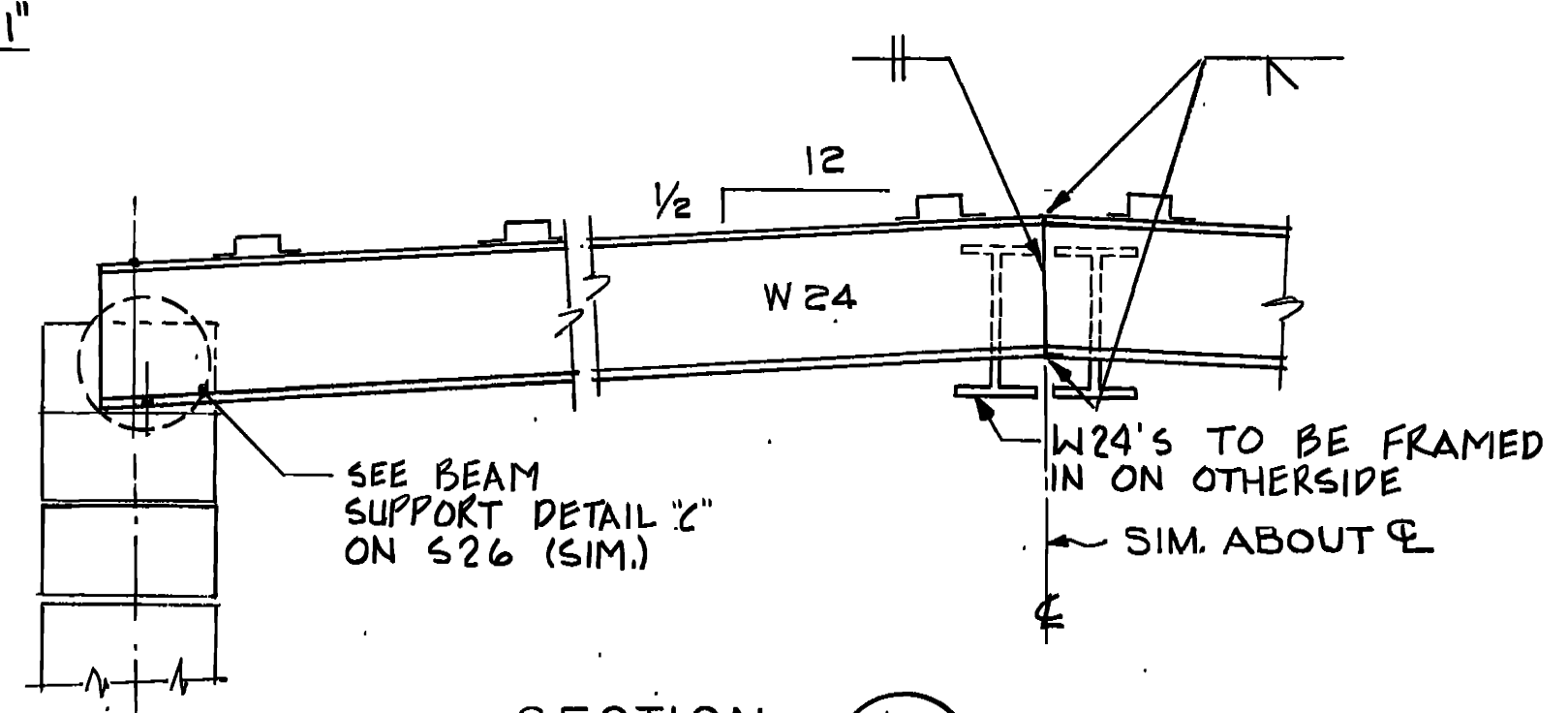
SECTION 13  
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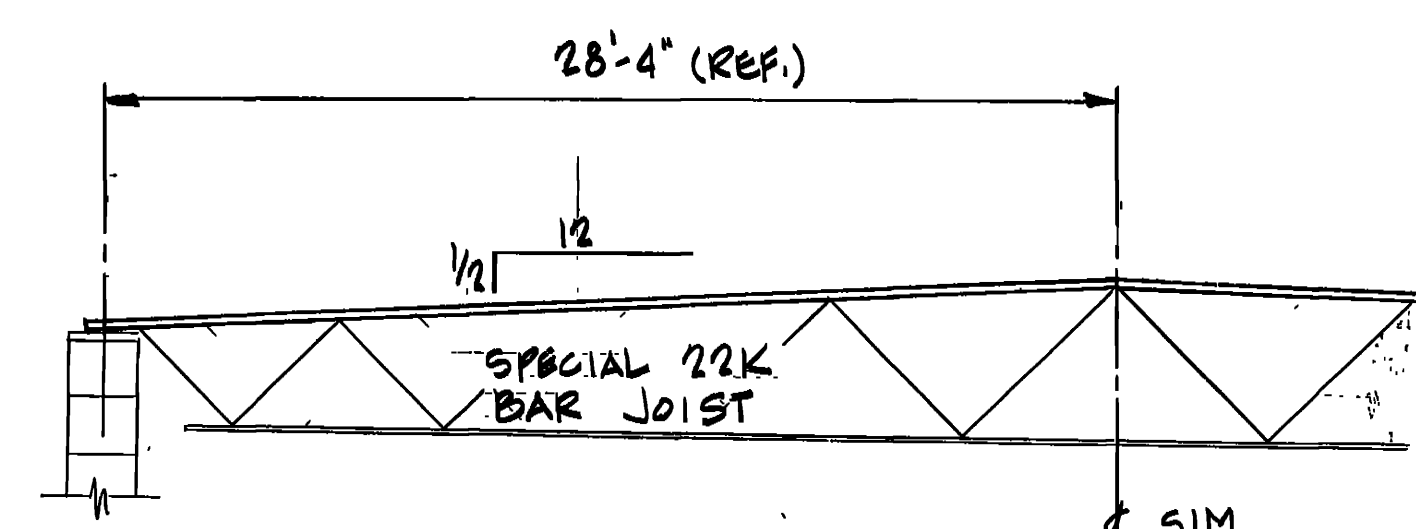
SECTION 15  
 3/4" = 1'-0" S3 | S4



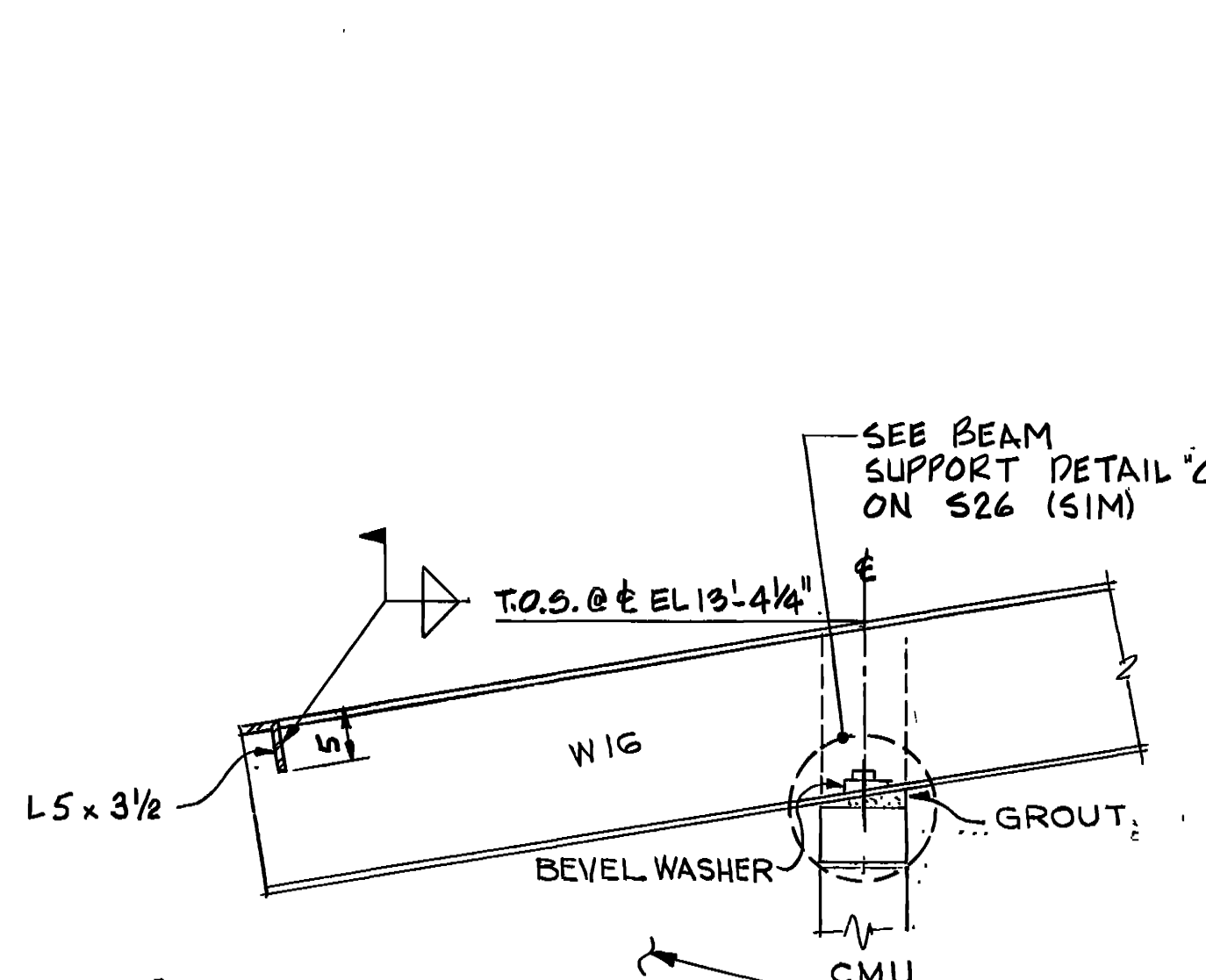
SECTION 3  
 1/8" = 1'-0" S3 | S4



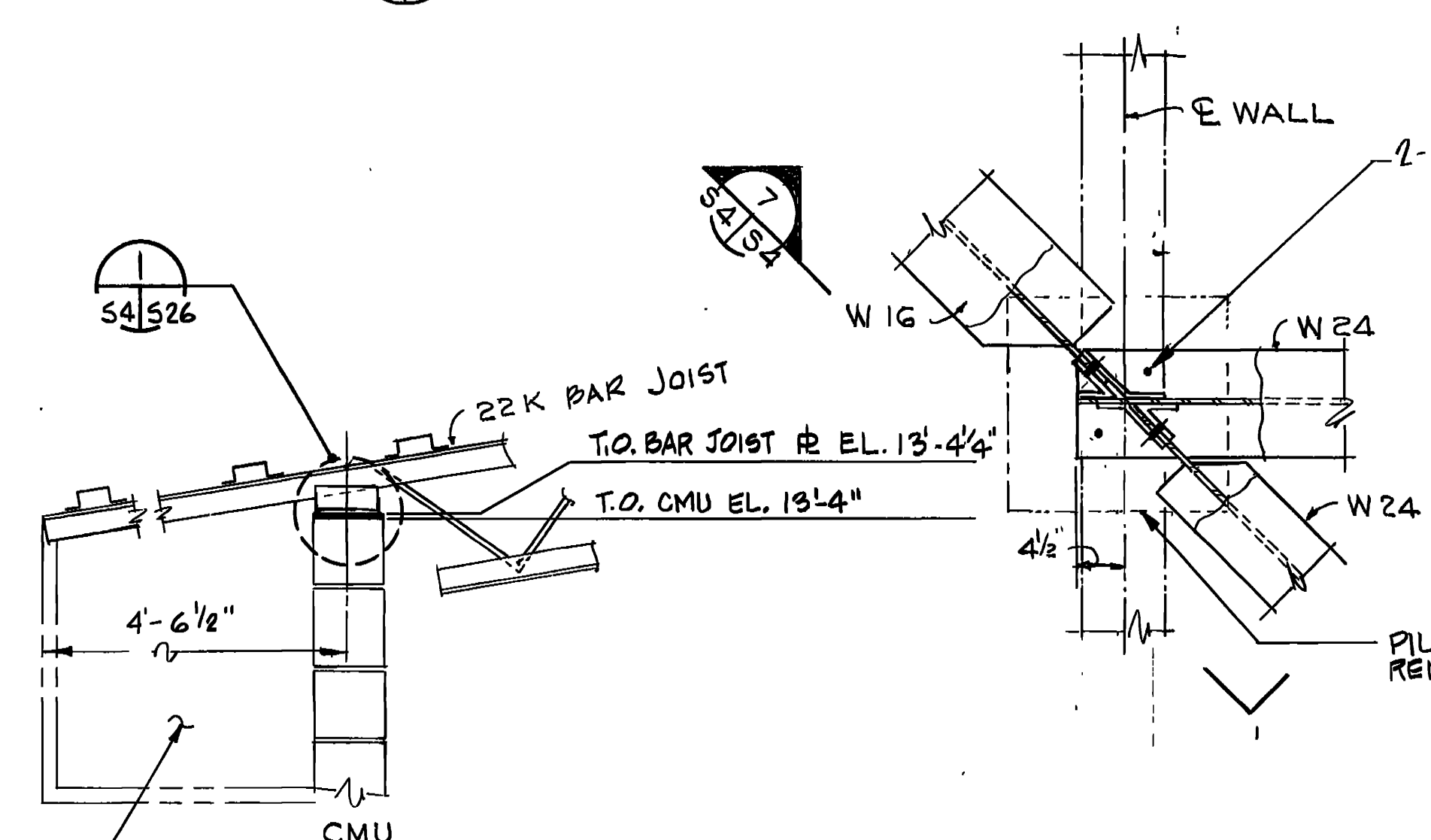
SECTION 12  
 N.T.S. S3 | S4



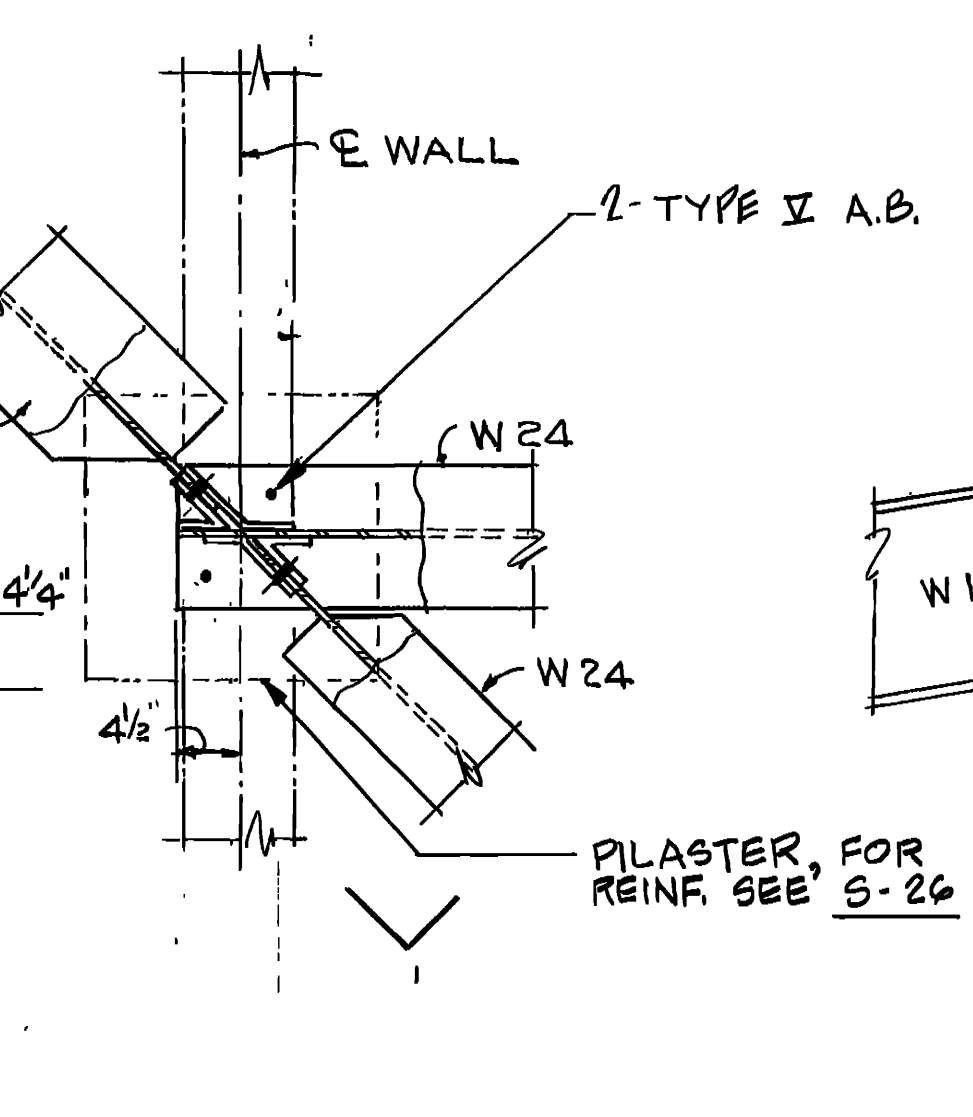
SECTION 14  
 N.T.S. S3 | S4



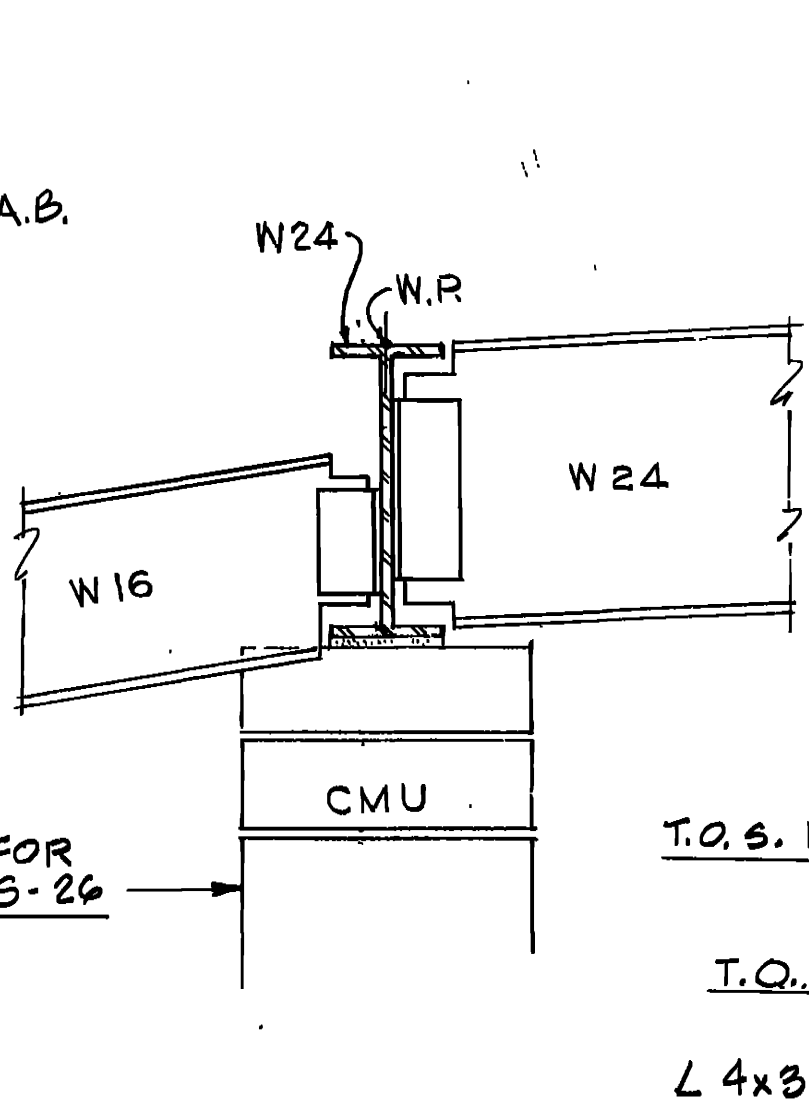
SECTION 4  
 3/4" = 1'-0" S3 | S4



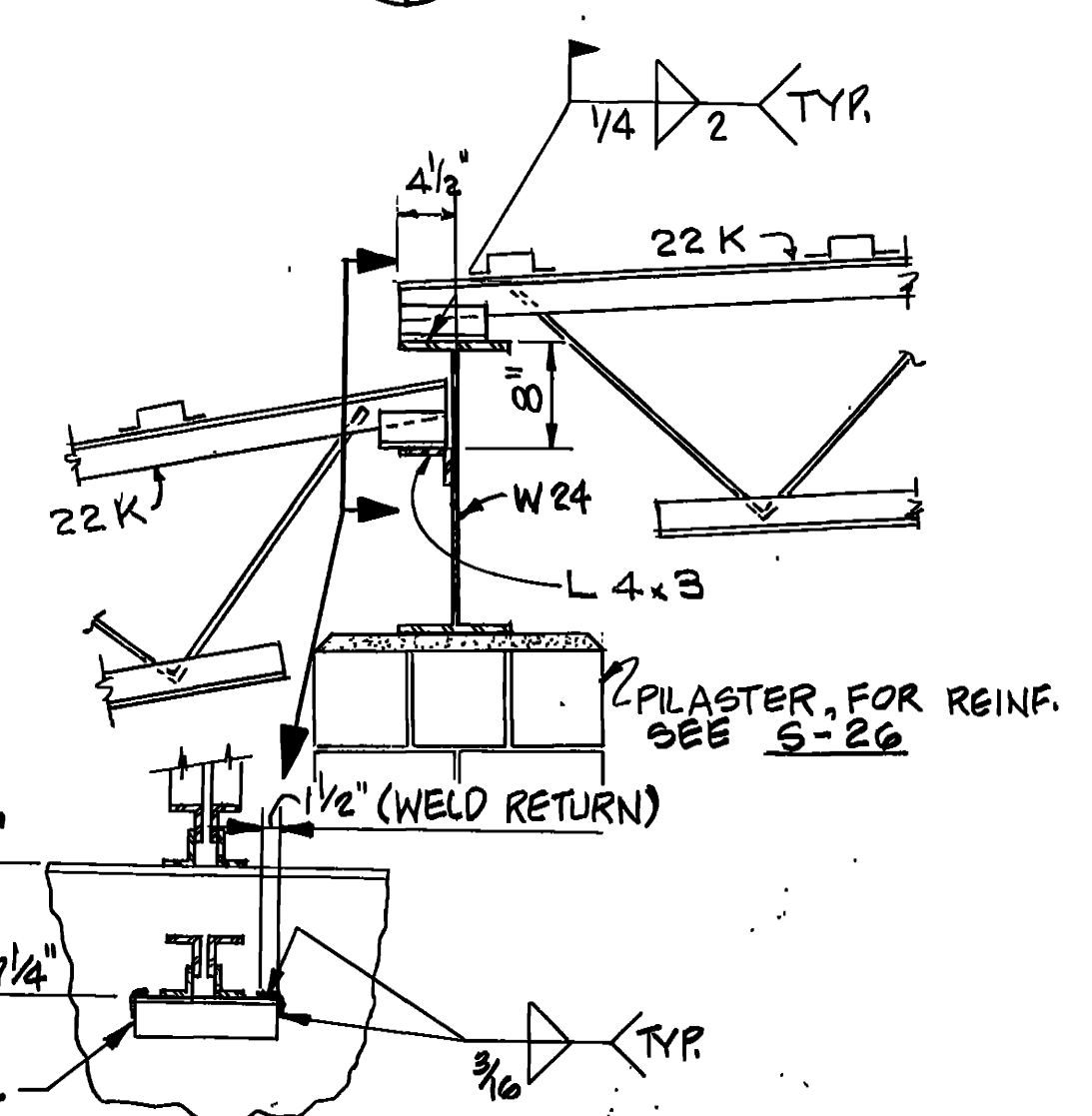
SECTION 5  
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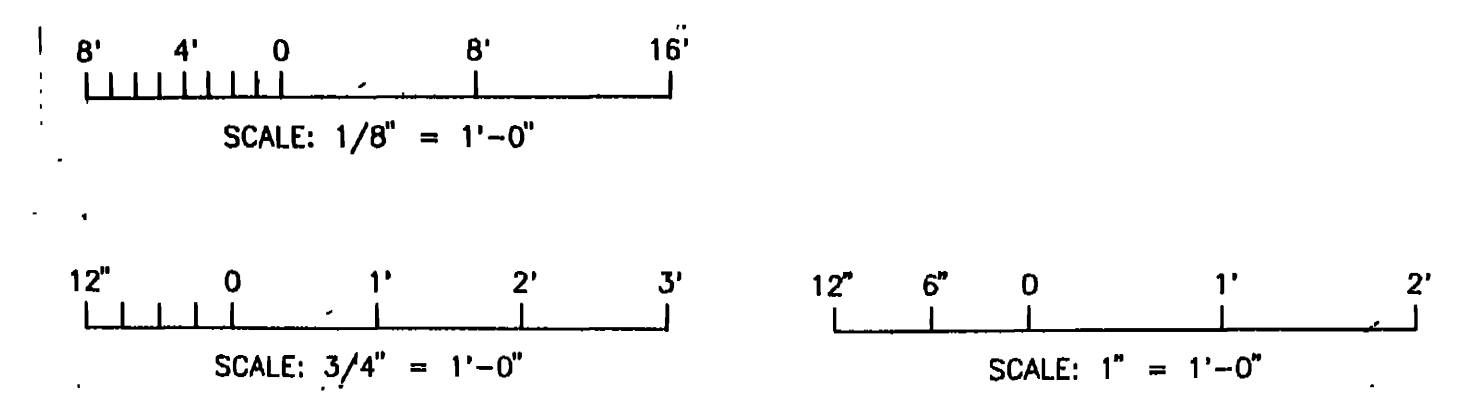
DETAIL 6  
 3/4" = 1'-0" S3 | S4



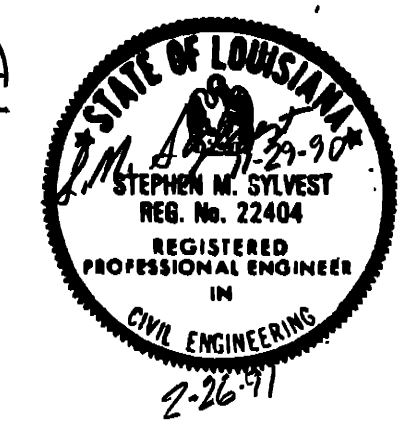
SECTION 7  
 3/4" = 1'-0" S4 | S4



DETAIL 11  
 3/4" = 1'-0" S4 | S4



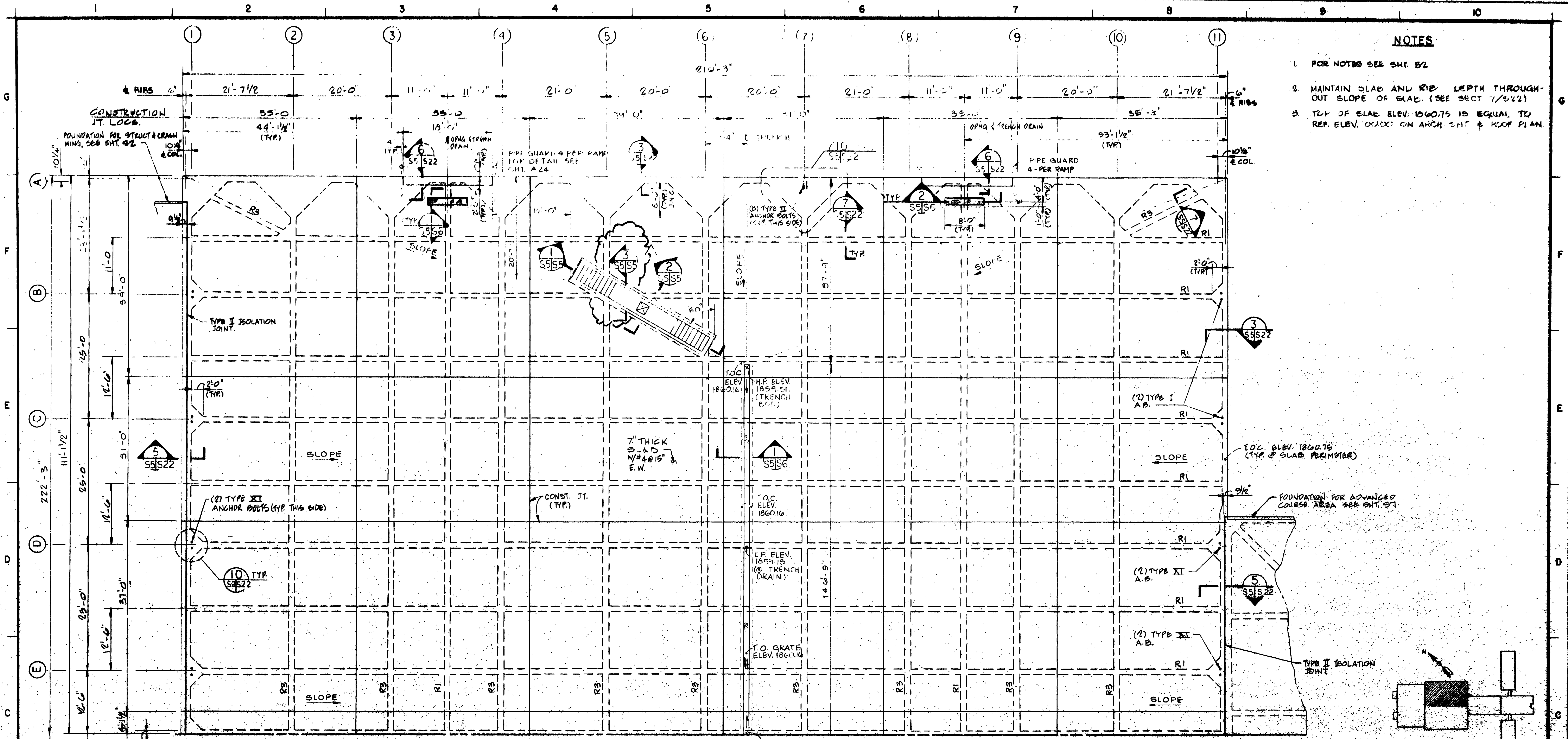
|  |                                |   |
|--|--------------------------------|---|
| DESIGNED BY:   | WALK, HAYDEL & ASSOC. INC.     | U.S. ARMY ENGINEER DISTRICT, FORT WORTH |
| DRAWN BY:  | ENGINEERS / ARCHITECTS         | CORPS OF ENGINEERS                      |
| REVIEWED BY:   | NEW ORLEANS MOBILE BATON ROUGE | FORT WORTH, TEXAS                       |
| DATE:  | AM# 2001 JUN 92                | REVISED TO REFLECT W.I. CHANGES         |
| GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS   |                                |   |
| FIRE TRAINING COMPLEX<br>ROOF SECTIONS & DETAILS<br>FIRE TRAINING BUILDING<br>STRUCT. & CRASH WING |                                |   |
| CONTR. NO.   | DACKB-92-C-0155                | SEQUENCE NO. 167                        |
| DRAWING NUMBER   | S 4                            | OF 35                                   |



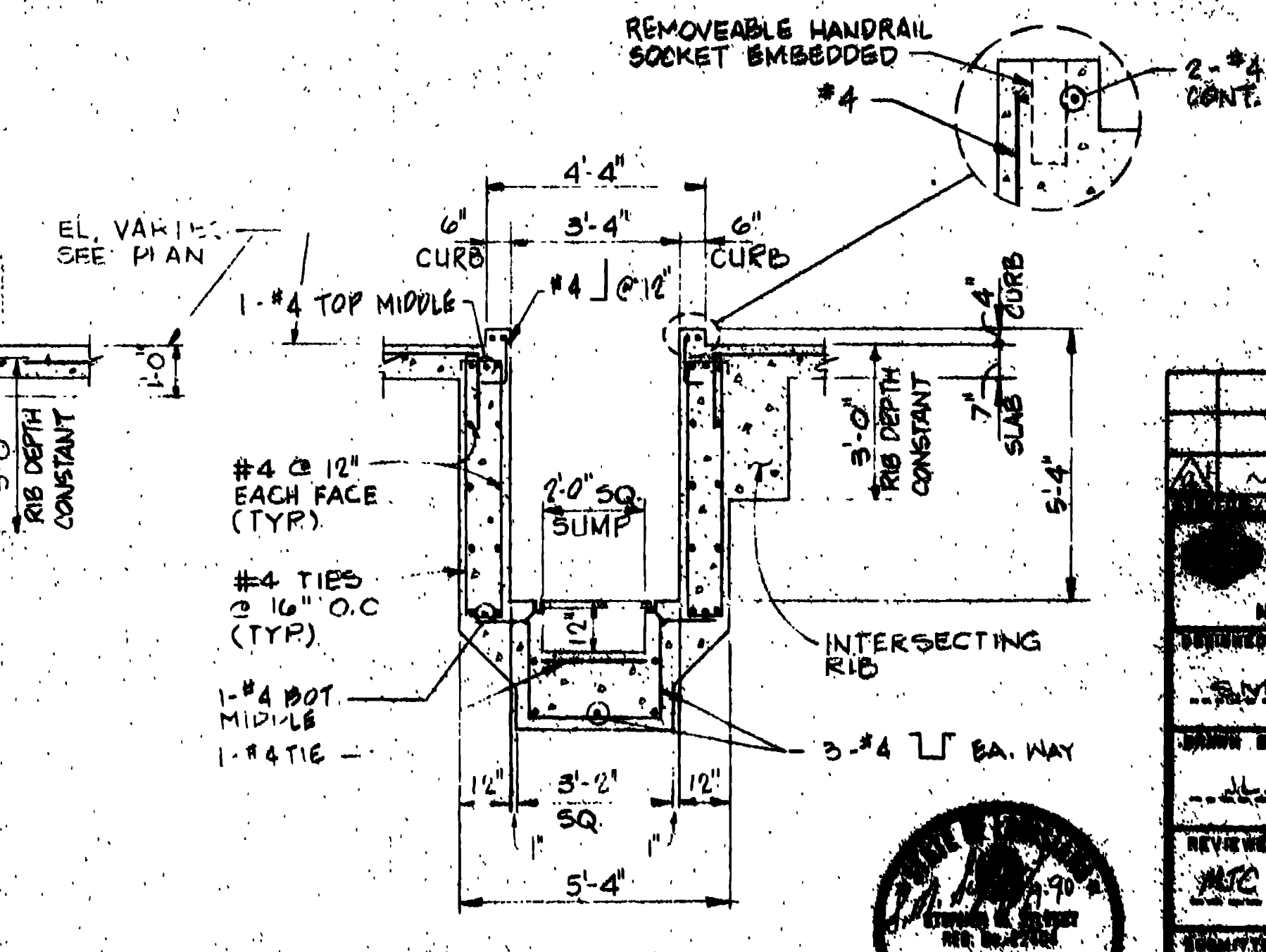
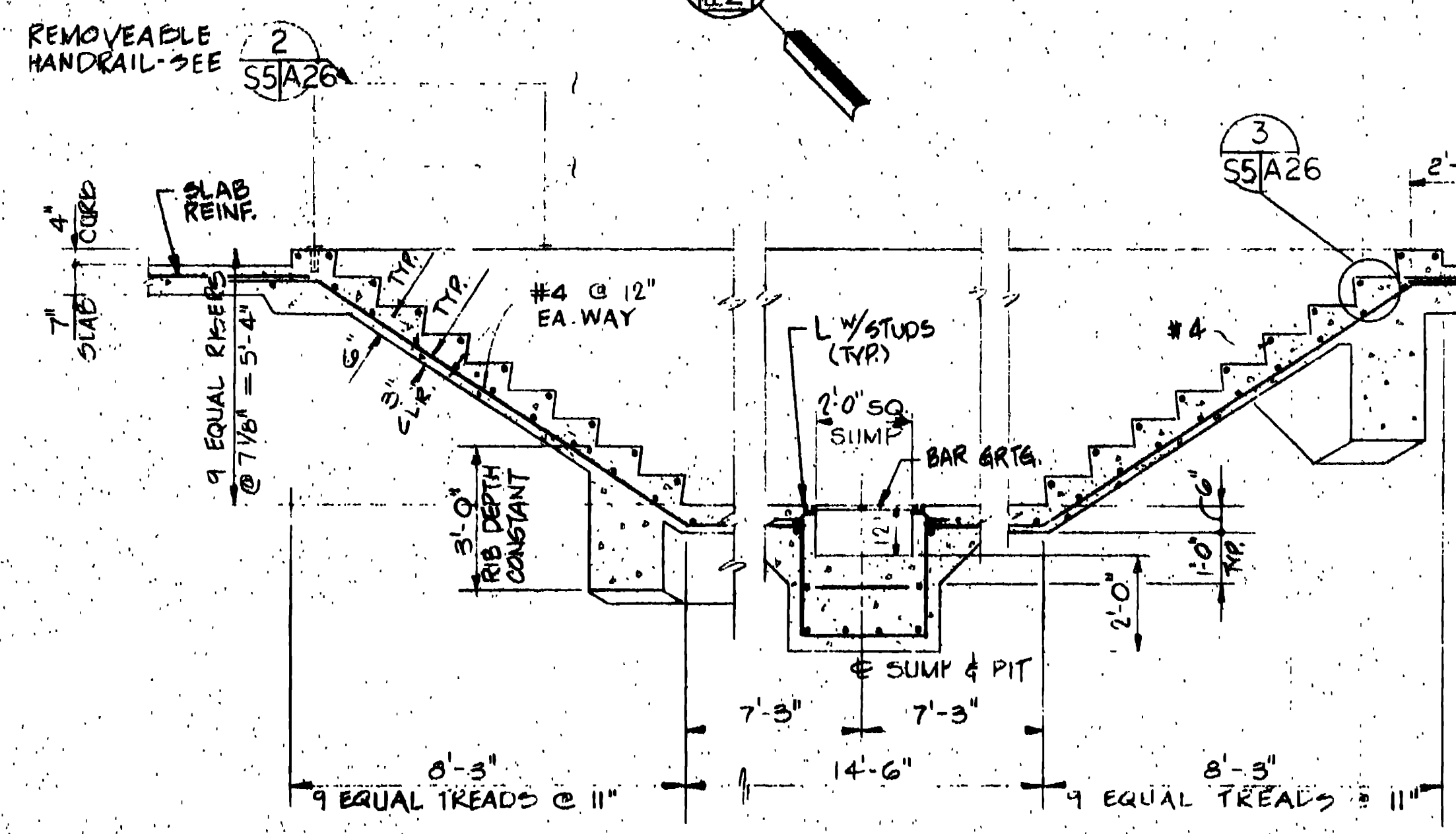
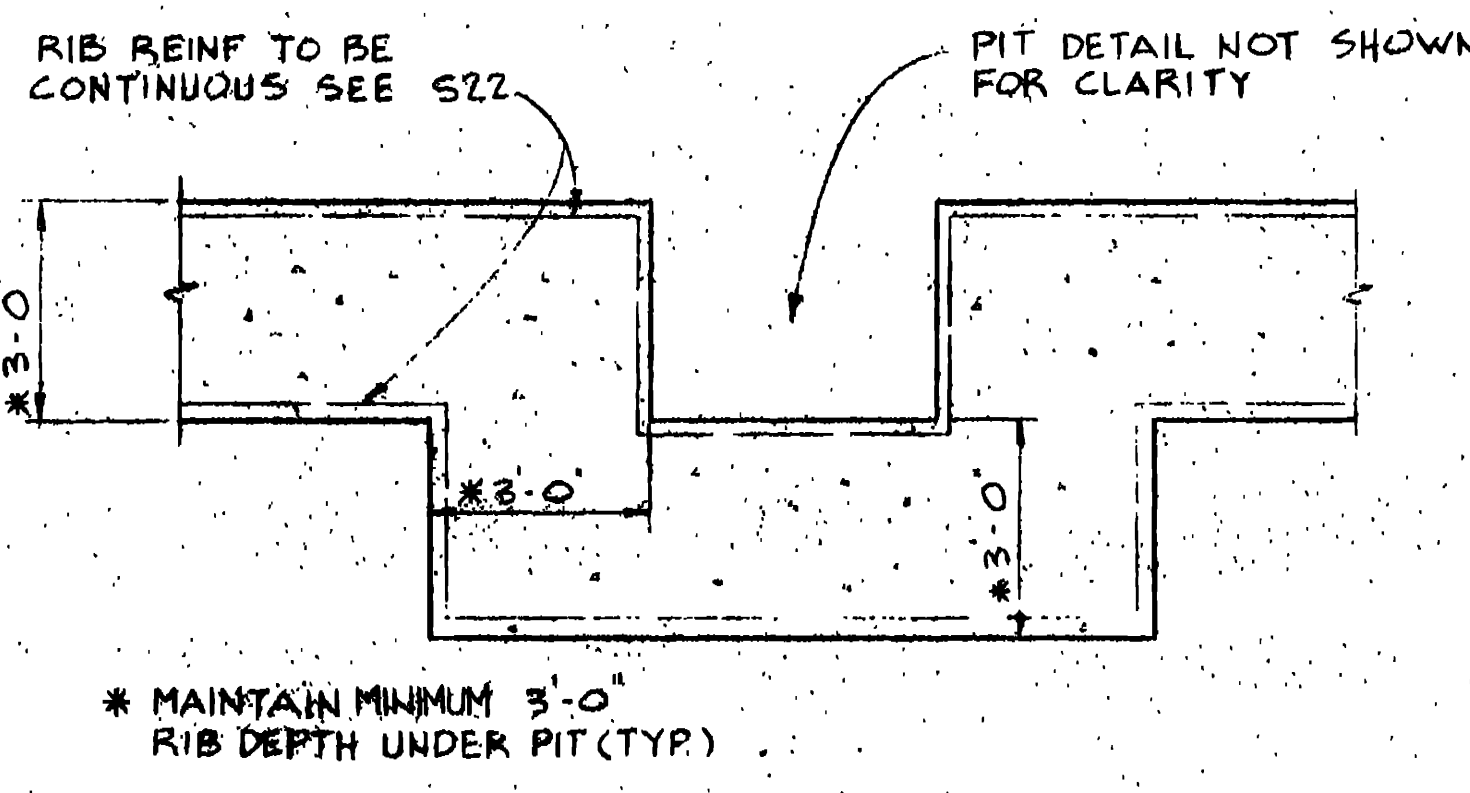
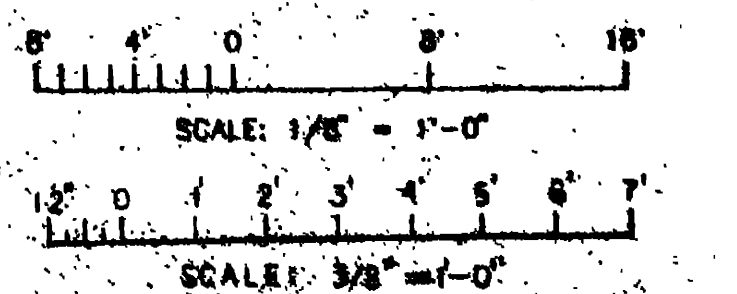
CONTR. NO. DACKB-92-C-0155

**NOTES**

- FOR NOTES SEE SHT. 52
- MAINTAIN SLAB AND RIB DEPTH THROUGHOUT SLOPE OF SLAB. (SEE SECT 1/5/22)
- TOP OF SLAB ELEV. 1860.75 IS EQUAL TO REF. ELEV. QUICK ON ARCH. SHT & HOOP PLAN.



MATCH LINE SEE SHT. 56  
 PLAN  
 1/8" = 1'-0"



|  |  |  |  |
|--|--|--|--|
| AMERICAN REVIEW TO BE SET IN CHANGE<br>WALK, HAYDEL & ASSOC., INC.<br>ENGINEERS & ARCHITECTS<br>NEW ORLEANS, MOBILE, BOSTON, HOUSTON               |  | U.S. ARMY CORPUS DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS |  |
| PROJECT NO. 111111<br>SHEET NO. 111111   |  | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS                                   |  |
| <b>FIRE TRAINING COMPLEX</b><br><b>FOUNDATION PLAN, SECTIONS &amp; DETAILS</b><br><b>SHEET 1</b><br><b>FIRE TRAINING BUILDING VEHICLE HIGH BAY</b> |  |  |  |
| DATE: 11/14/66<br>DRAWN BY: [Signature]  |  | CHECKED BY: [Signature]<br>SCALE: 3/8" = 1'-0"                                   |  |

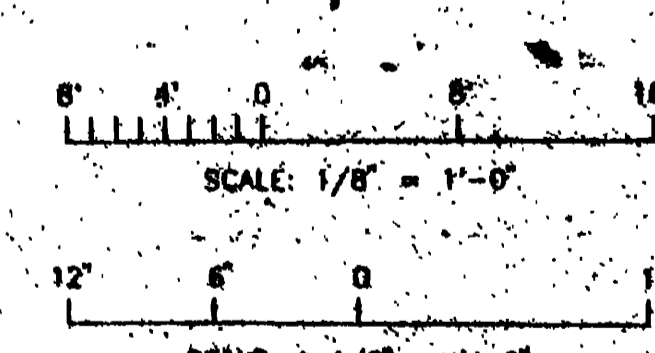
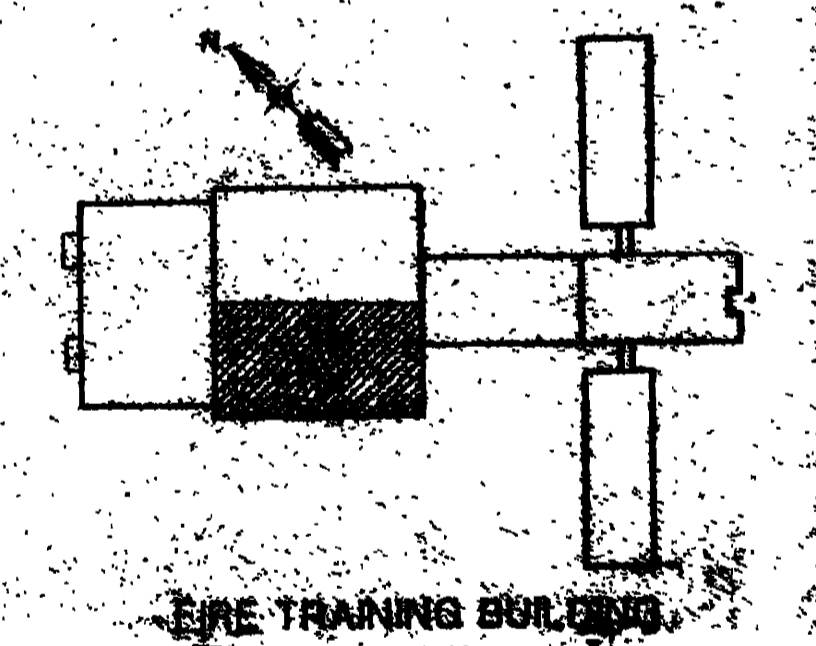
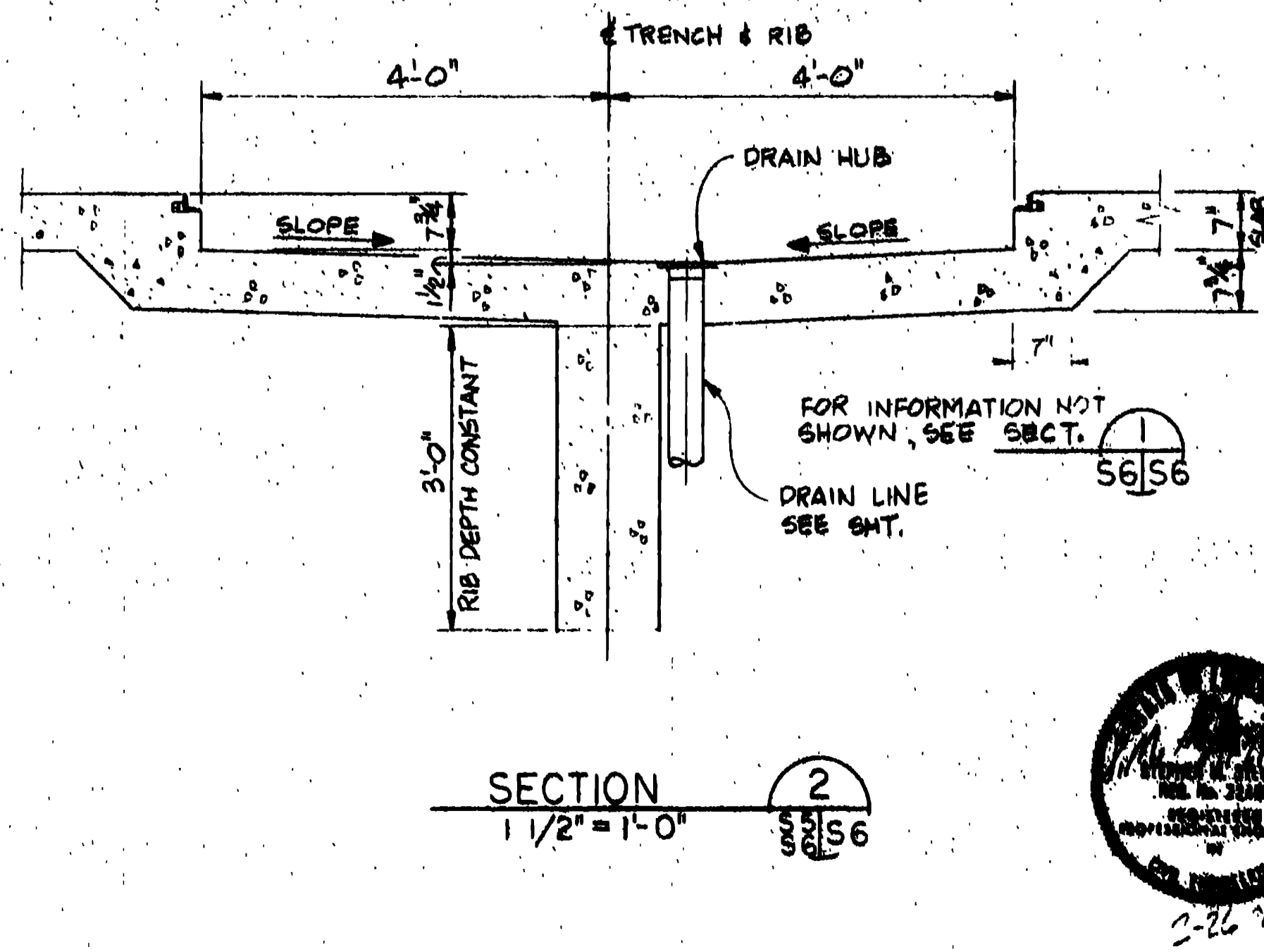
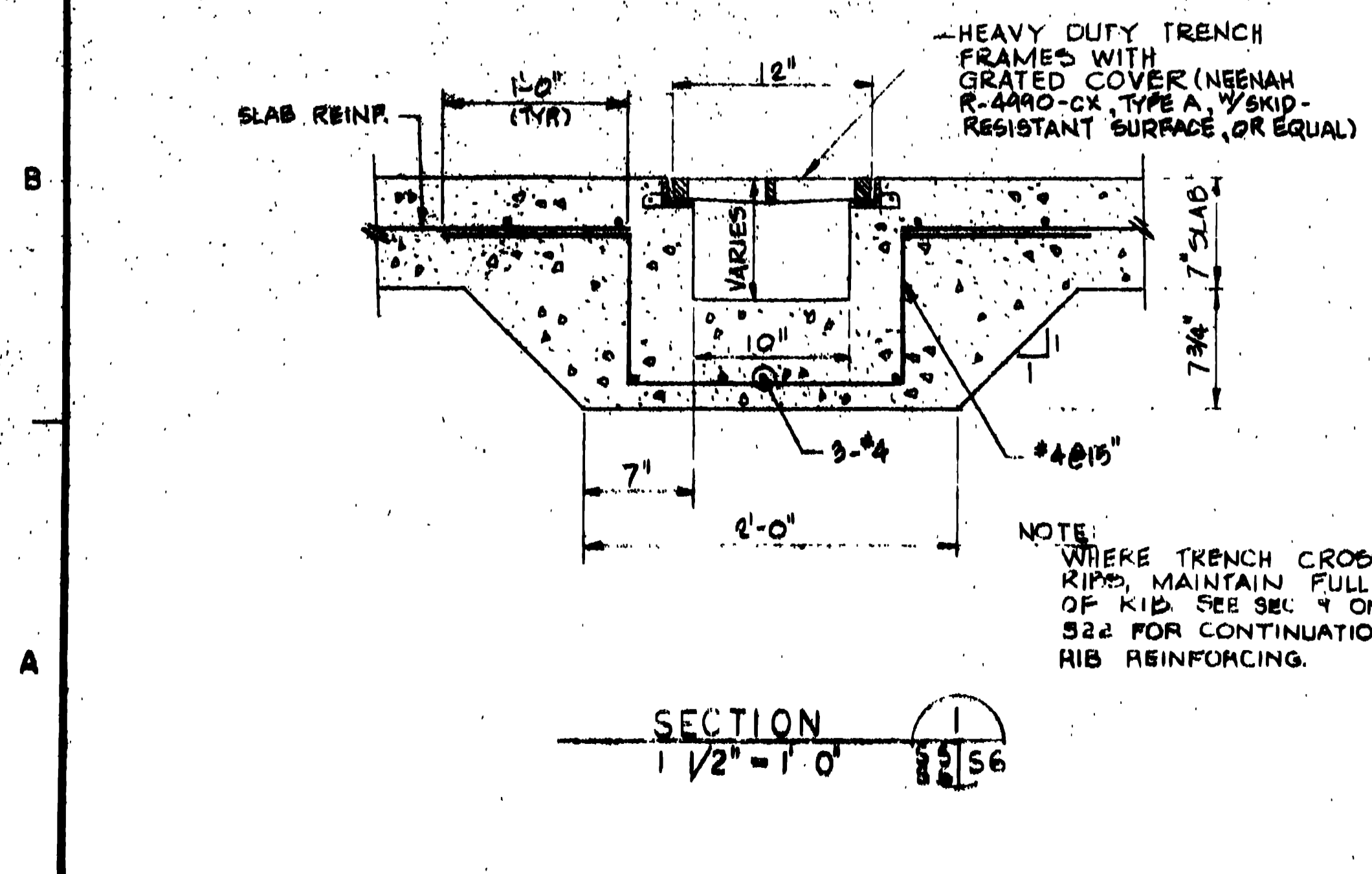
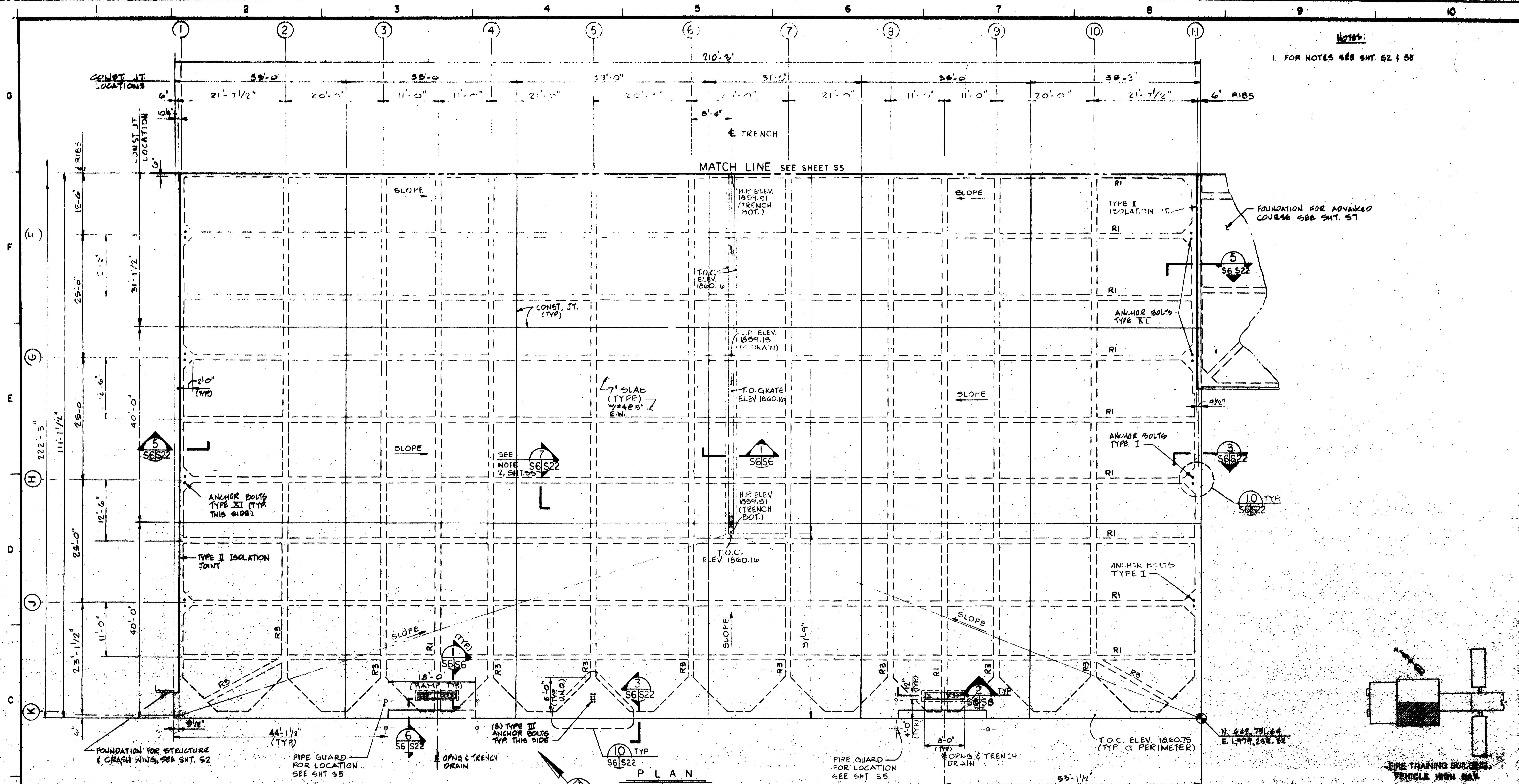
SECTION 3  
 N.T.S.  
 S5155

SECTION 1  
 3/8" = 1'-0"  
 S17  
 S5155

SECTION 2  
 3/8" = 1'-0"  
 S17  
 S5155

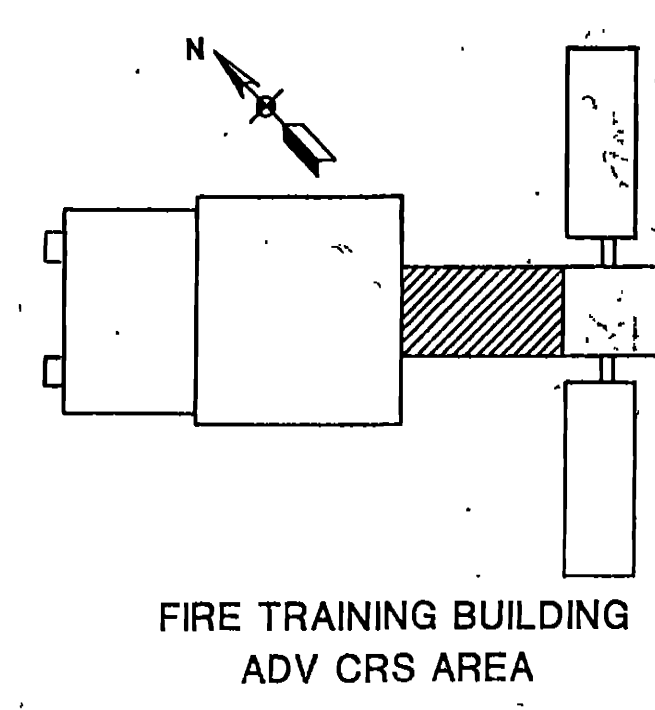
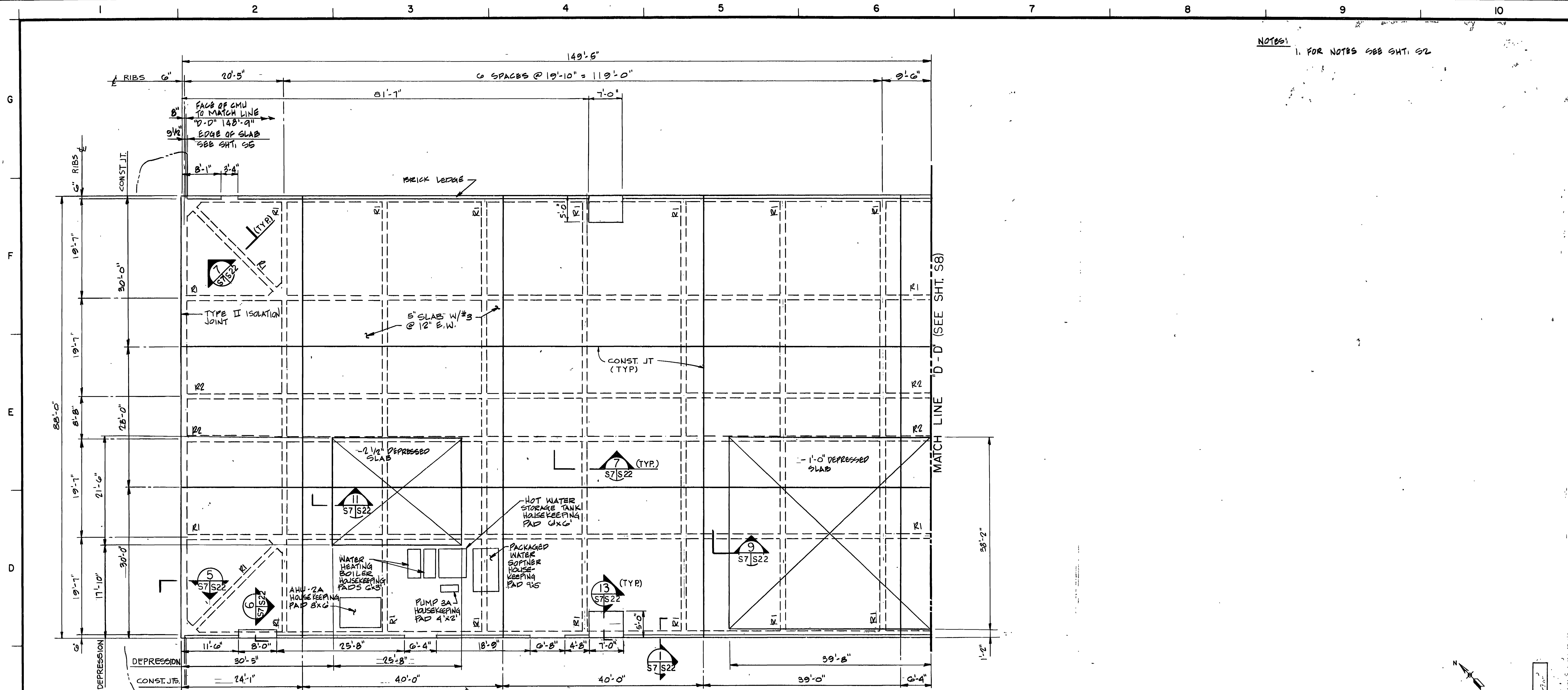
Notes:

1. FOR NOTES SEE SHT. S2 & S5



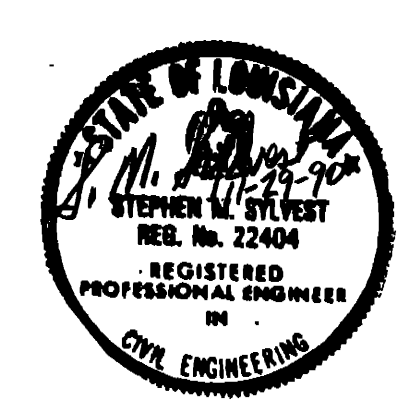
|   |  |   |  |
|---|--|---|--|
| WILLIAM H. HARRIS & ASSOCIATES, INC.<br>ENGINEERS & ARCHITECTS<br>10000 W. LOOP WEST, SUITE 100<br>HOUSTON, TEXAS 77042 |  | U.S. ARMY ENGINEER CENTER, FORT WORTH<br>ENGINEERING DIVISION<br>5100 CAMP BISHOP, SUITE 200<br>FORT WORTH, TEXAS 76116 |  |
| DRAWN BY:<br>J.M.S.   | GODDOLLOU AIR FORCE BASE<br>SAN ANGELO, TEXAS  |   |  |
| CHECKED BY:<br>J.M.S.   | <b>FIRE TRAINING COMPLEX</b><br><b>FOUNDATION PLAN, SECTIONS &amp; DETAILS</b><br><b>SHEET 2</b><br><b>FIRE TRAINING BUILDING VEHICLE HIGH BAY</b> |   |  |
| DATE: 11/16/71<br>116   | 2-26-71<br>169   |   |  |

NOTES:  
1. FOR NOTES SEE SHT. S2



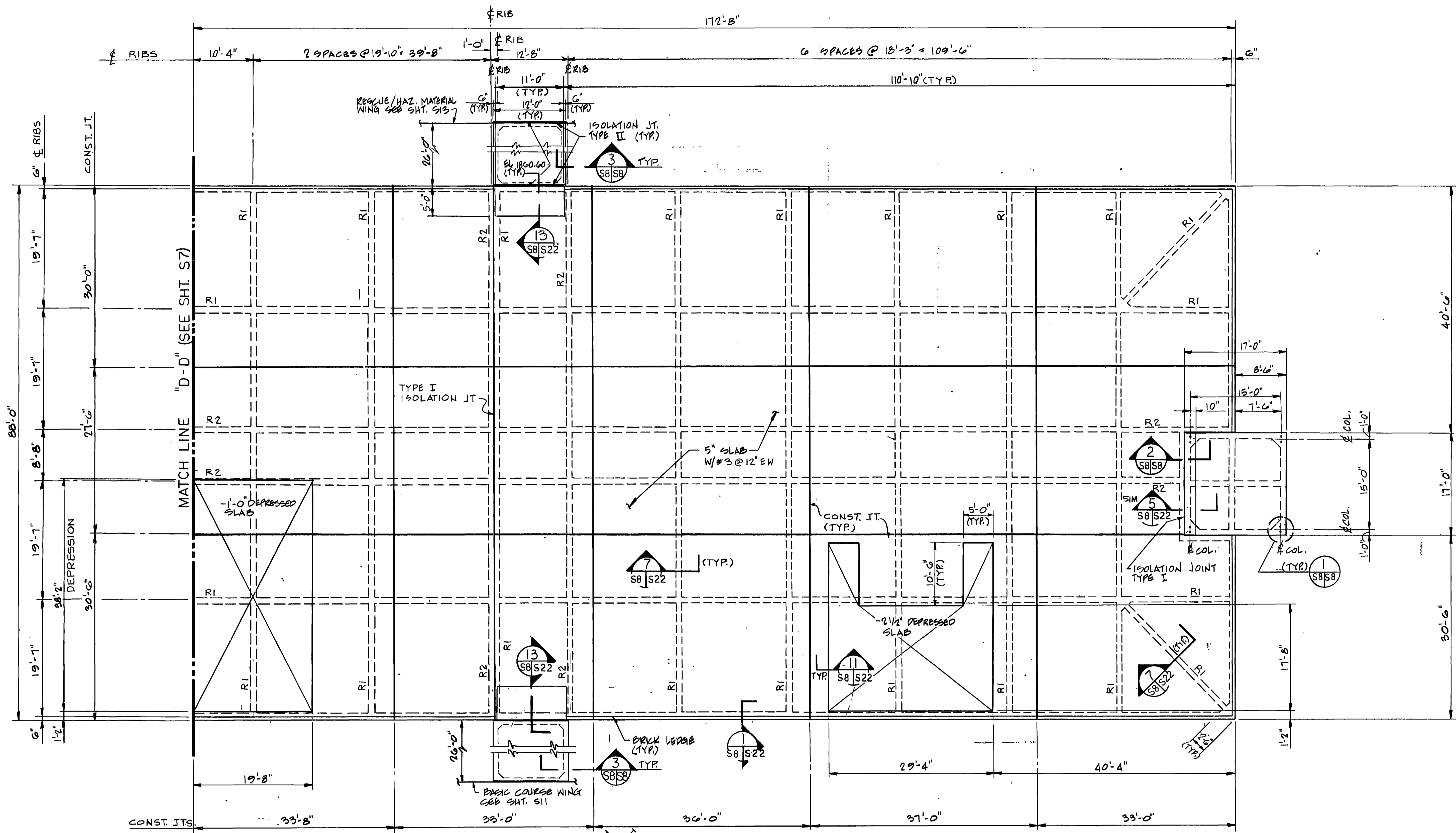
SCALE: 1/8" = 1'-0"

|                              |  |
|------------------------------|--|
| DESIGNED BY:<br>S.M.S.       | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS   |
| DRAWN BY:<br>E.P.            | FIRE TRAINING COMPLEX<br>FOUNDATION PLAN<br>FIRE TRAINING BUILDING<br>ADVANCED COURSE AREA |
| REVIEWED BY:<br>M.W.C.       |  |
| ENGINEER:<br>K.P.D. 12/14/92 | CONTR. NO. DCA23-92B-0109  |
| DATE: JUN 19 92              | SEQUENCE NO. 170   |
| SHEET NO. 57 OF 35           | DRAWING NUMBER   |

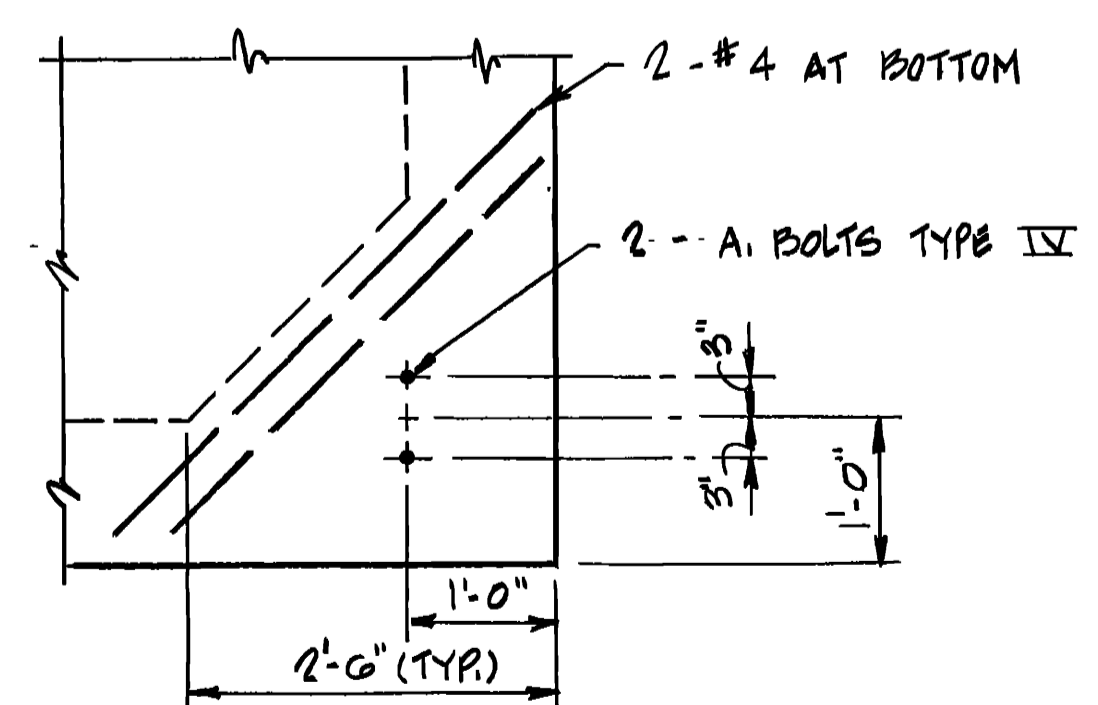
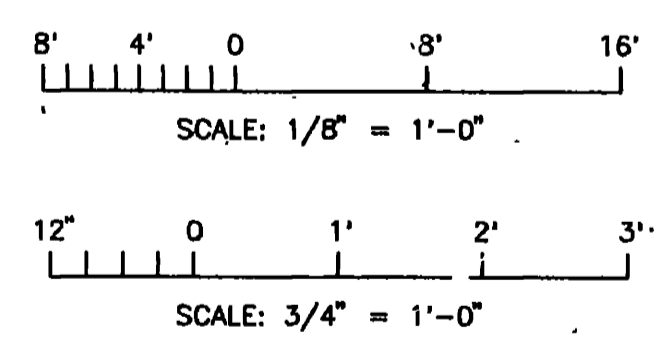
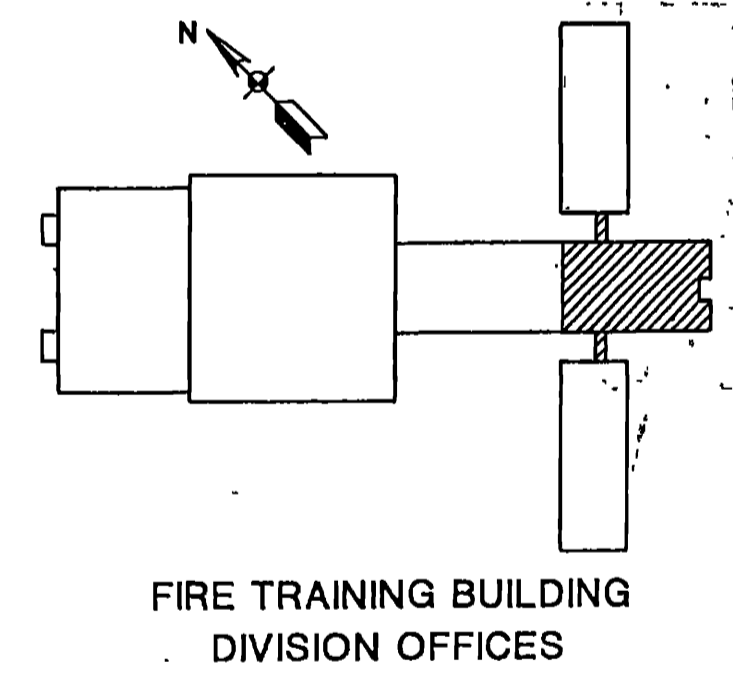


CONTR. NO. DCA23-92B-0109

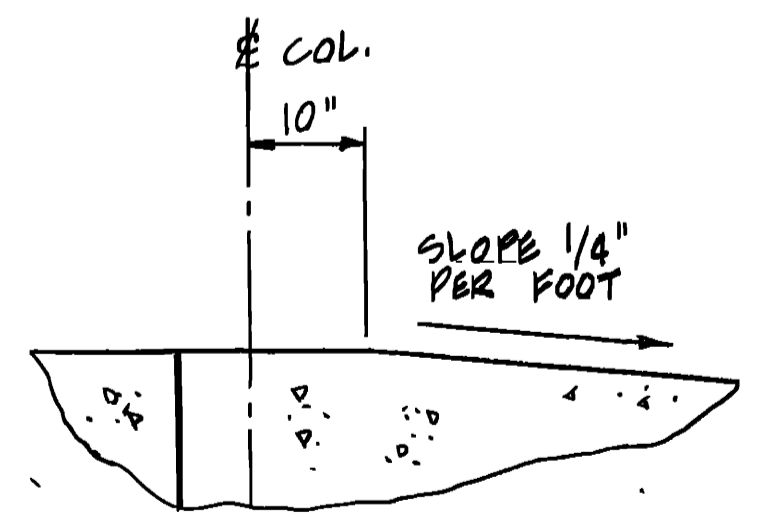
NOTES: 1. FOR NOTES SEE SH. 52



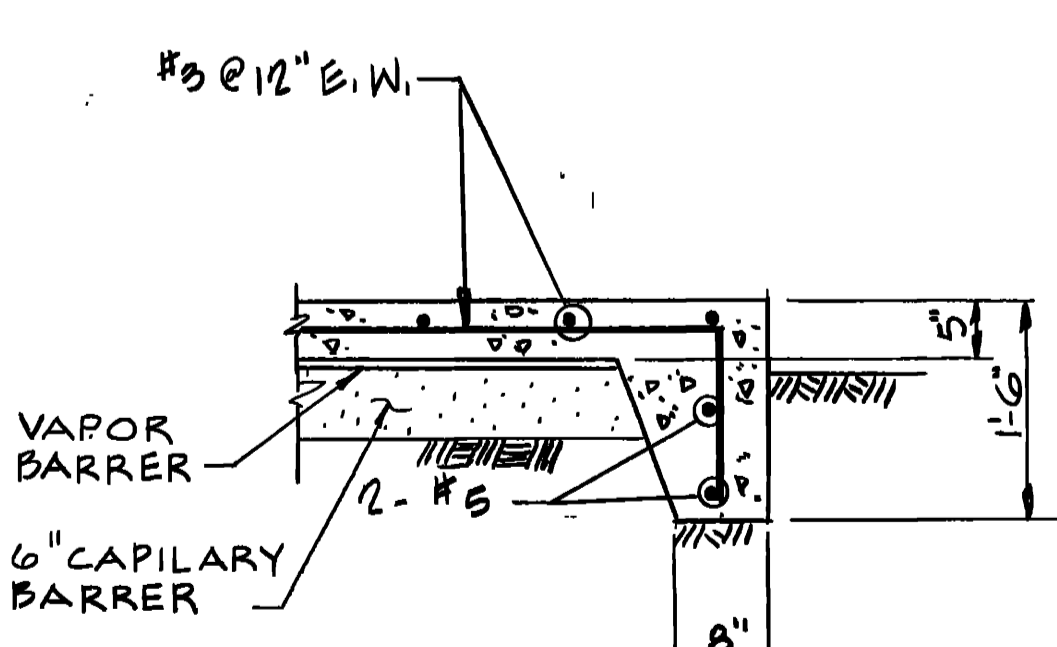
PLAN  
1/8" = 1'-0"



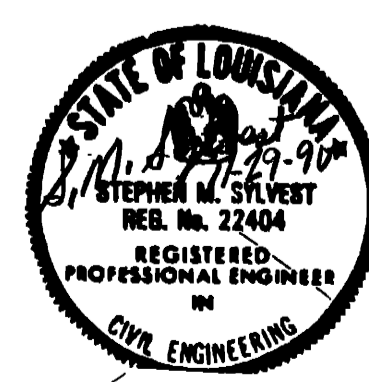
DETAIL  
3/4" = 1'-0"



SECTION 2  
N.T.S.

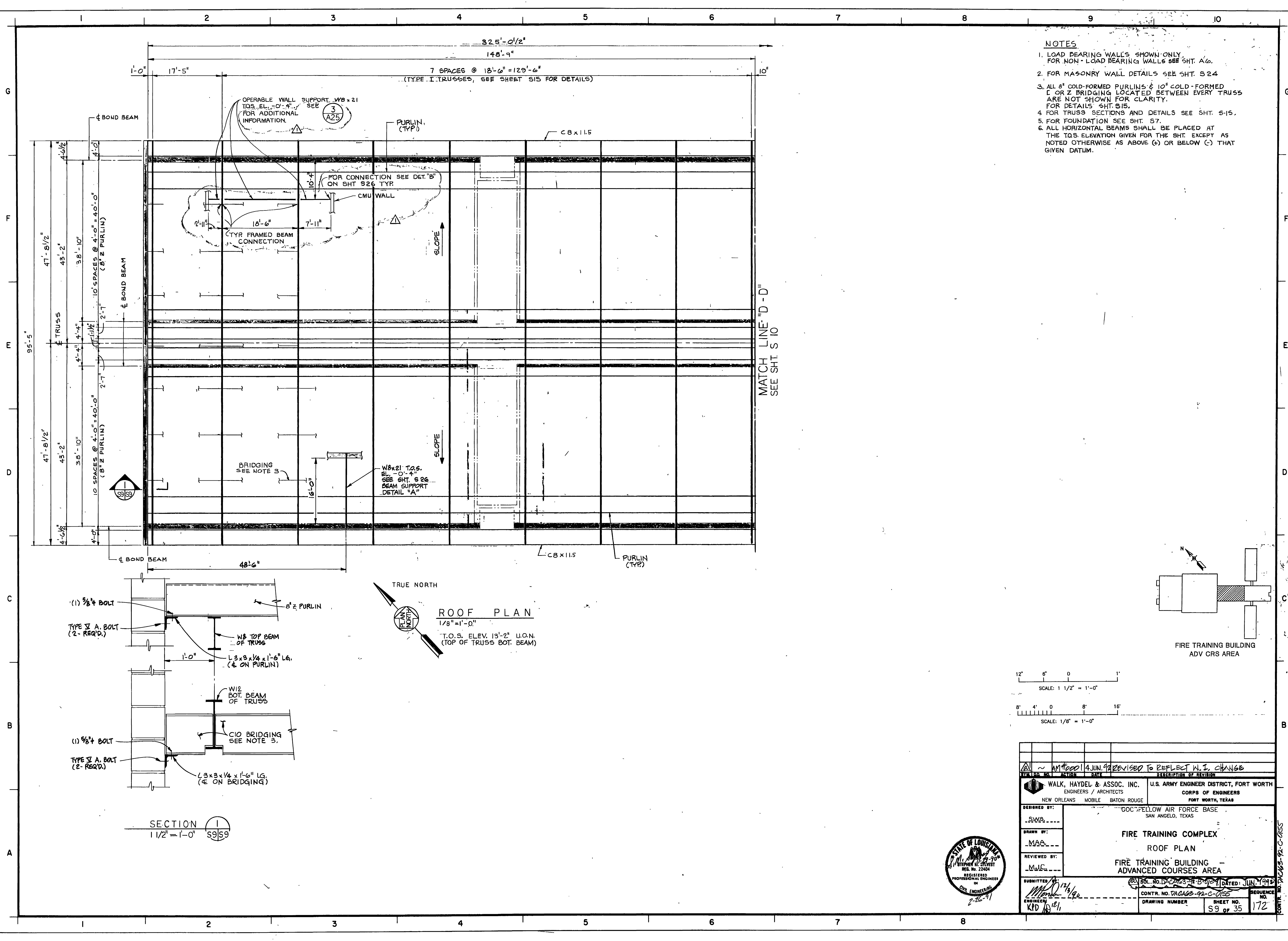


SECTION 3  
3/4" = 1'-0"



|                            |  |
|----------------------------|--|
| DESIGNED BY:<br>S.M.S.     | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS   |
| DRAWN BY:<br>E.P.          | FIRE TRAINING COMPLEX<br>FOUNDATION PLAN<br>FIRE TRAINING BUILDING<br>DIVISION OFFICES |
| REVIEWED BY:<br>M.J.C.     |  |
| ENGINEER:<br>K.P.D.        |  |
| CONTR. NO. DAC43-92-C-0155 | DATE: JUN 1992   |
| SHEET NO. 58 OF 35         | SEQUENCE NO. 171   |

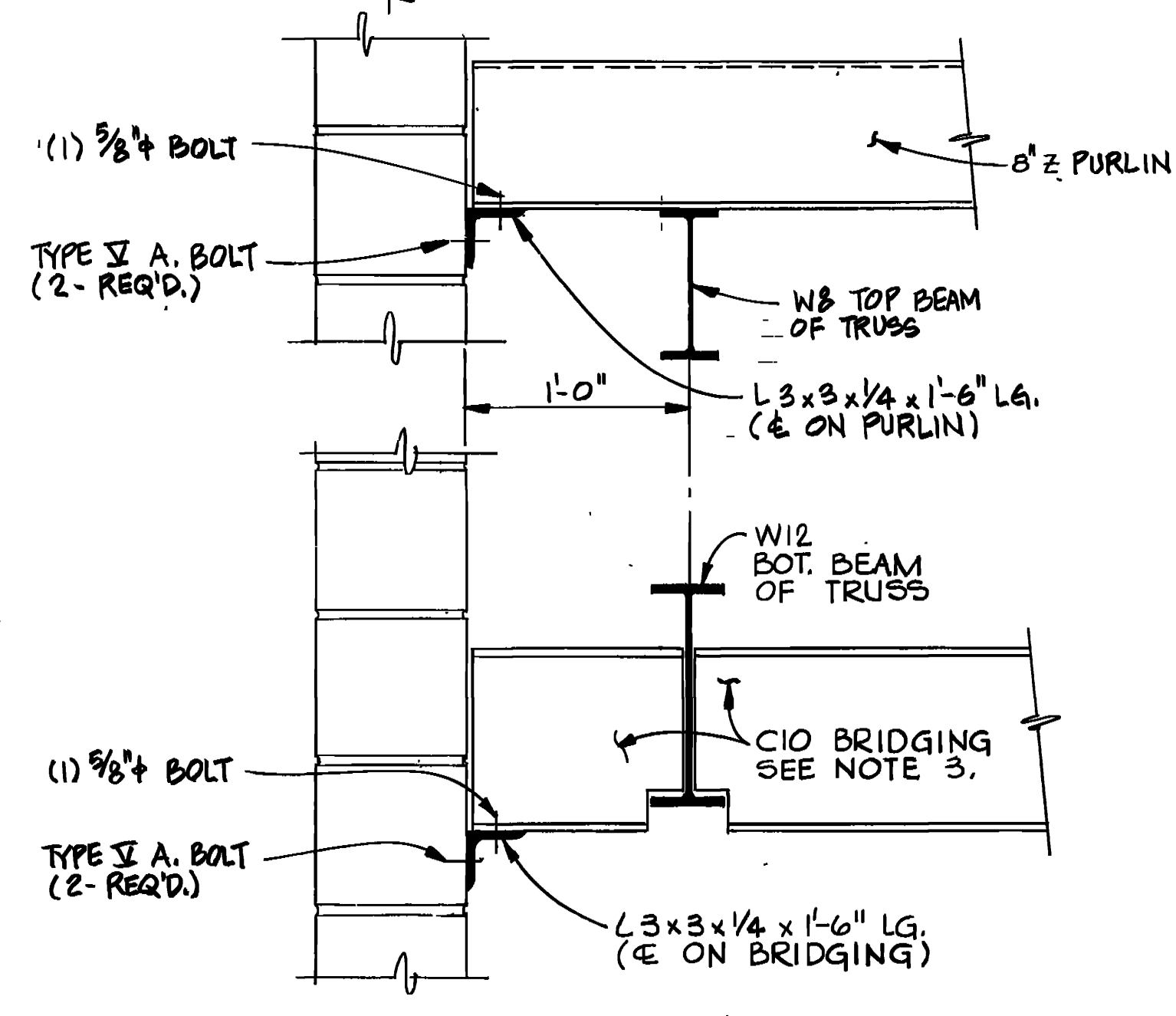
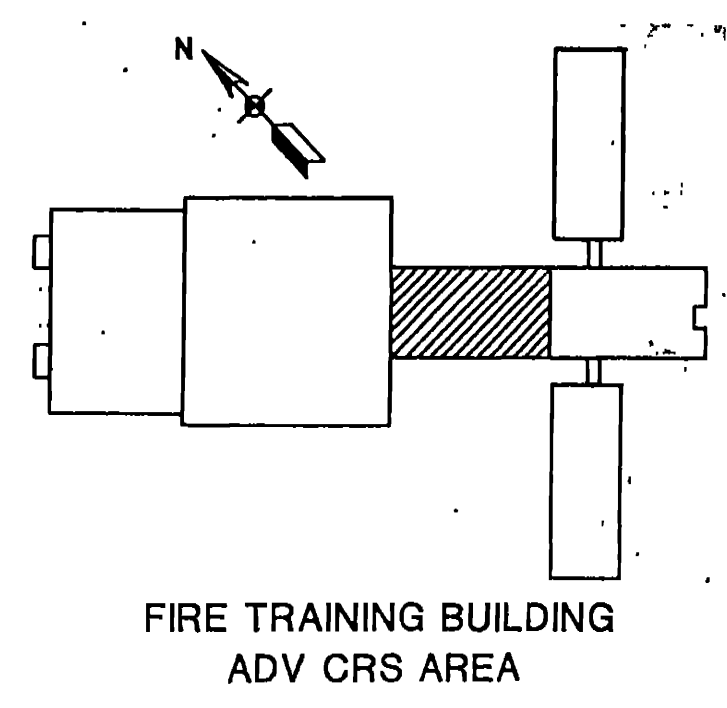
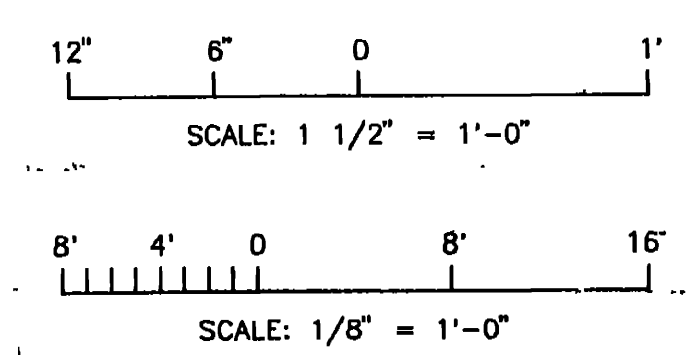
CONTR. NO. DAC43-92-C-0155



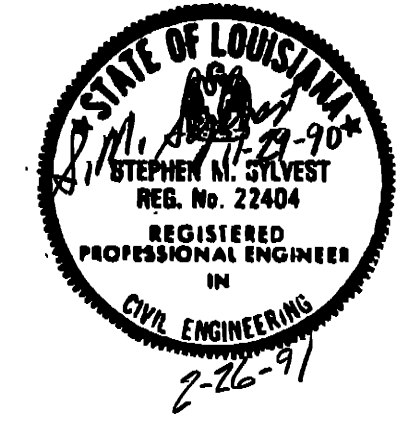
- NOTES**
- LOAD BEARING WALLS SHOWN ONLY. FOR NON-LOAD BEARING WALLS SEE SHT. A6.
  - FOR MASONRY WALL DETAILS SEE SHT. S24.
  - ALL 8" COLD-FORMED PURLINS & 10" COLD-FORMED I OR Z BRIDGING LOCATED BETWEEN EVERY TRUSS ARE NOT SHOWN FOR CLARITY. FOR DETAILS SEE SHT. S15.
  - FOR TRUSS SECTIONS AND DETAILS SEE SHT. S15.
  - FOR FOUNDATION SEE SHT. S7.
  - ALL HORIZONTAL BEAMS SHALL BE PLACED AT THE T.O.S. ELEVATION GIVEN FOR THE SHT. EXCEPT AS NOTED OTHERWISE AS ABOVE (G) OR BELOW (C) THAT GIVEN DATUM.

**TRUE NORTH**

**ROOF PLAN**  
 1/8" = 1'-0"  
 T.O.S. ELEV. 13'-2" U.O.N.  
 (TOP OF TRUSS BOT. BEAM)



**SECTION 1**  
 1 1/2" = 1'-0" S9S9

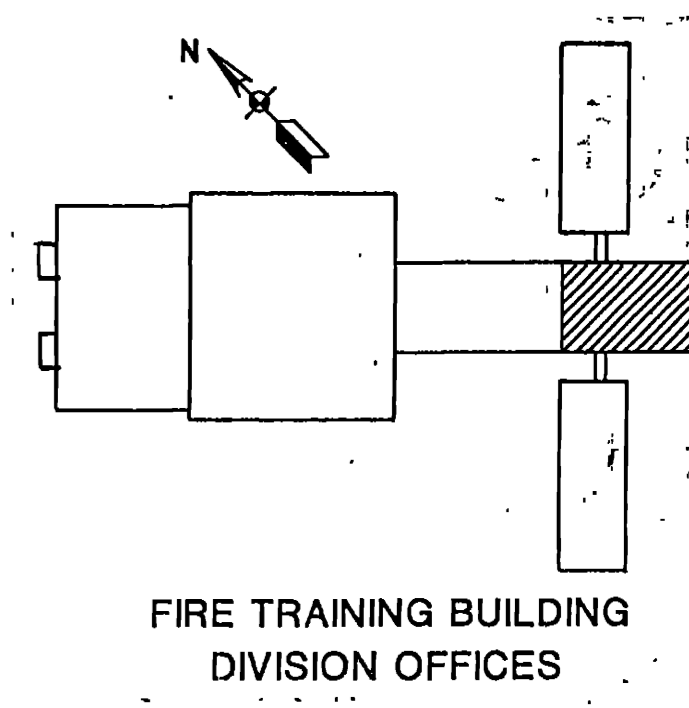
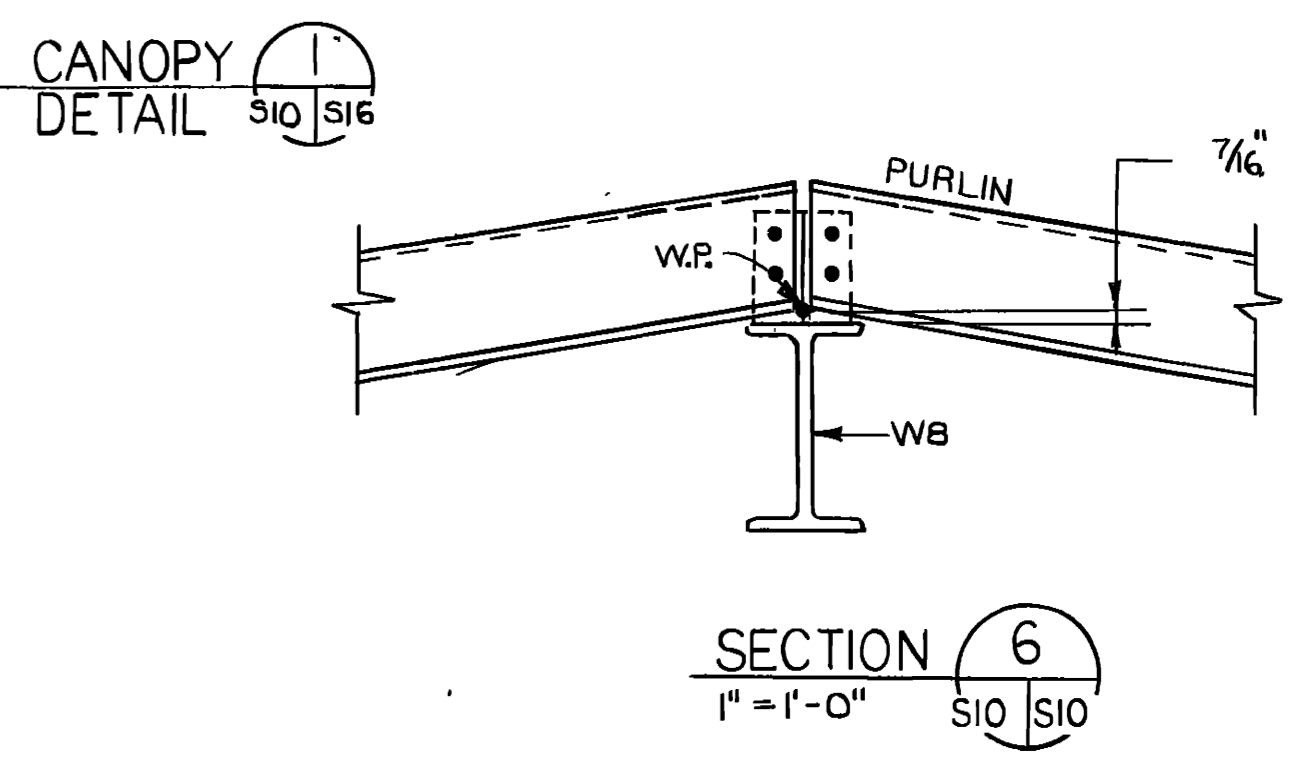
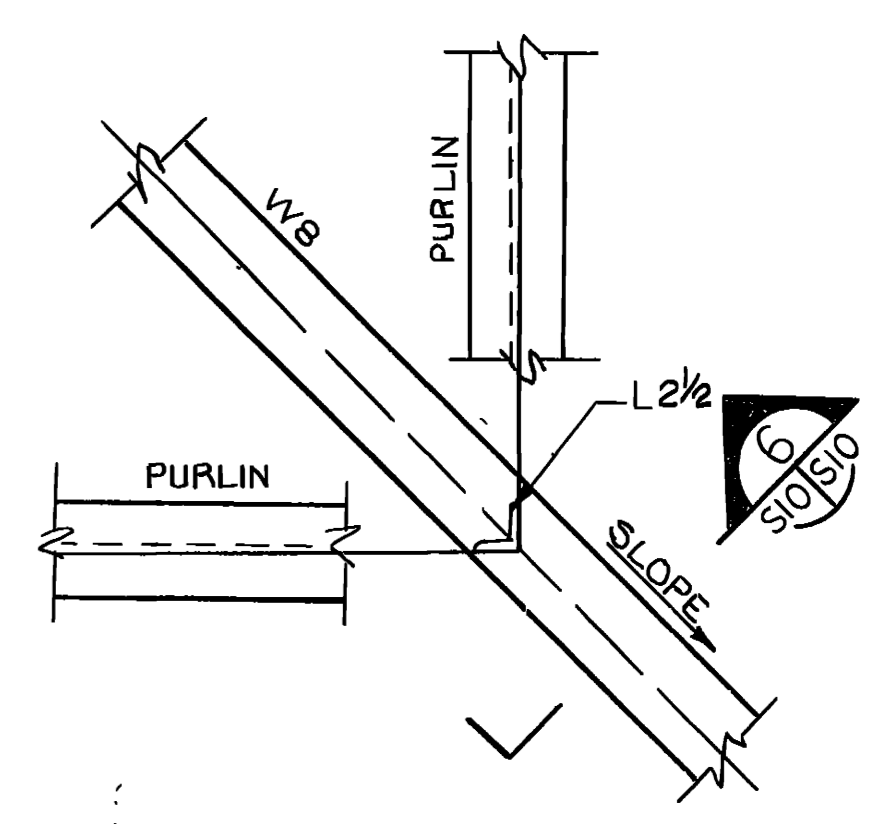
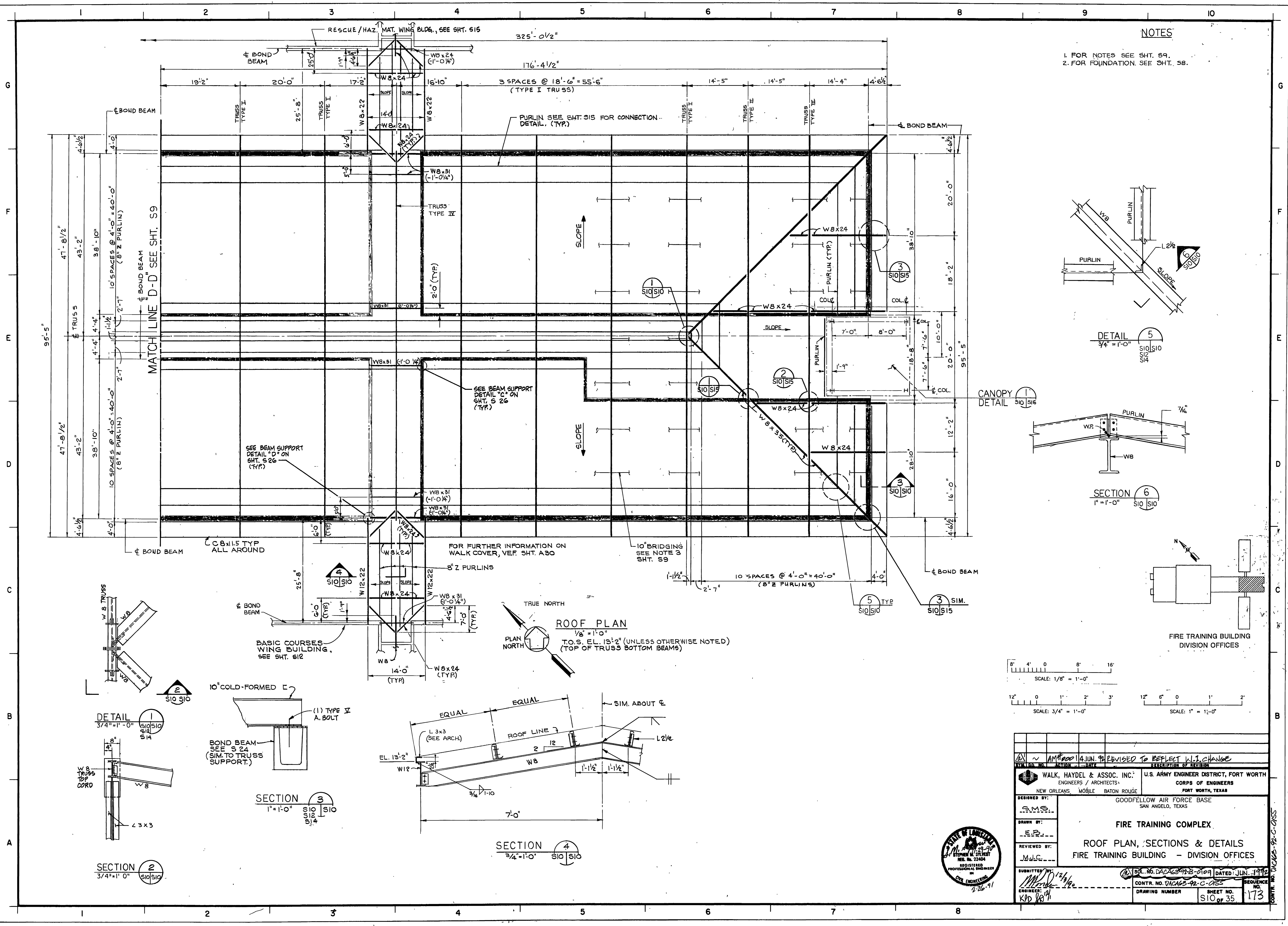


|  |   |
|--|---|
| DESIGNED BY:<br>SWS<br>DRAWN BY:<br>MAA<br>REVIEWED BY:<br>MJC | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS<br>"GOC" FELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS<br><b>FIRE TRAINING COMPLEX</b><br><b>ROOF PLAN</b><br>FIRE TRAINING BUILDING -<br>ADVANCED COURSES AREA |
| SUBMITTED BY:<br>KID<br>DATE:<br>2-26-91                       | CONR. NO. DACAGB-92-C-0155<br>SHEET NO. 35<br>SEQUENCE NO. 172  |

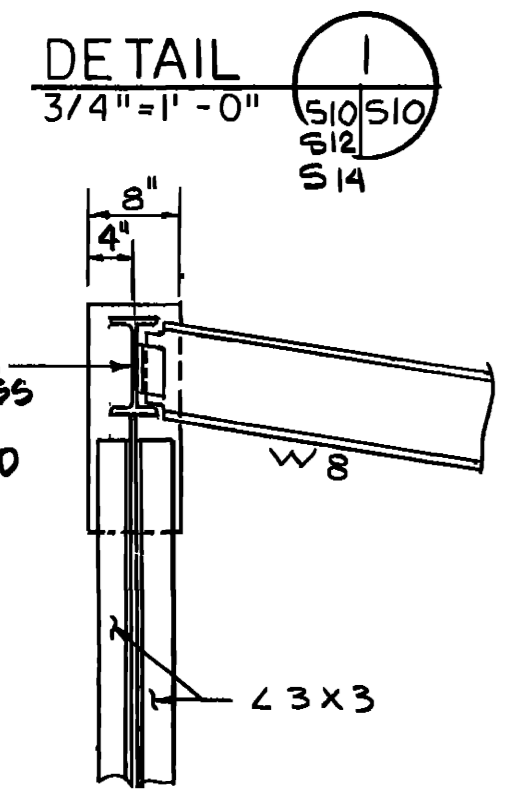
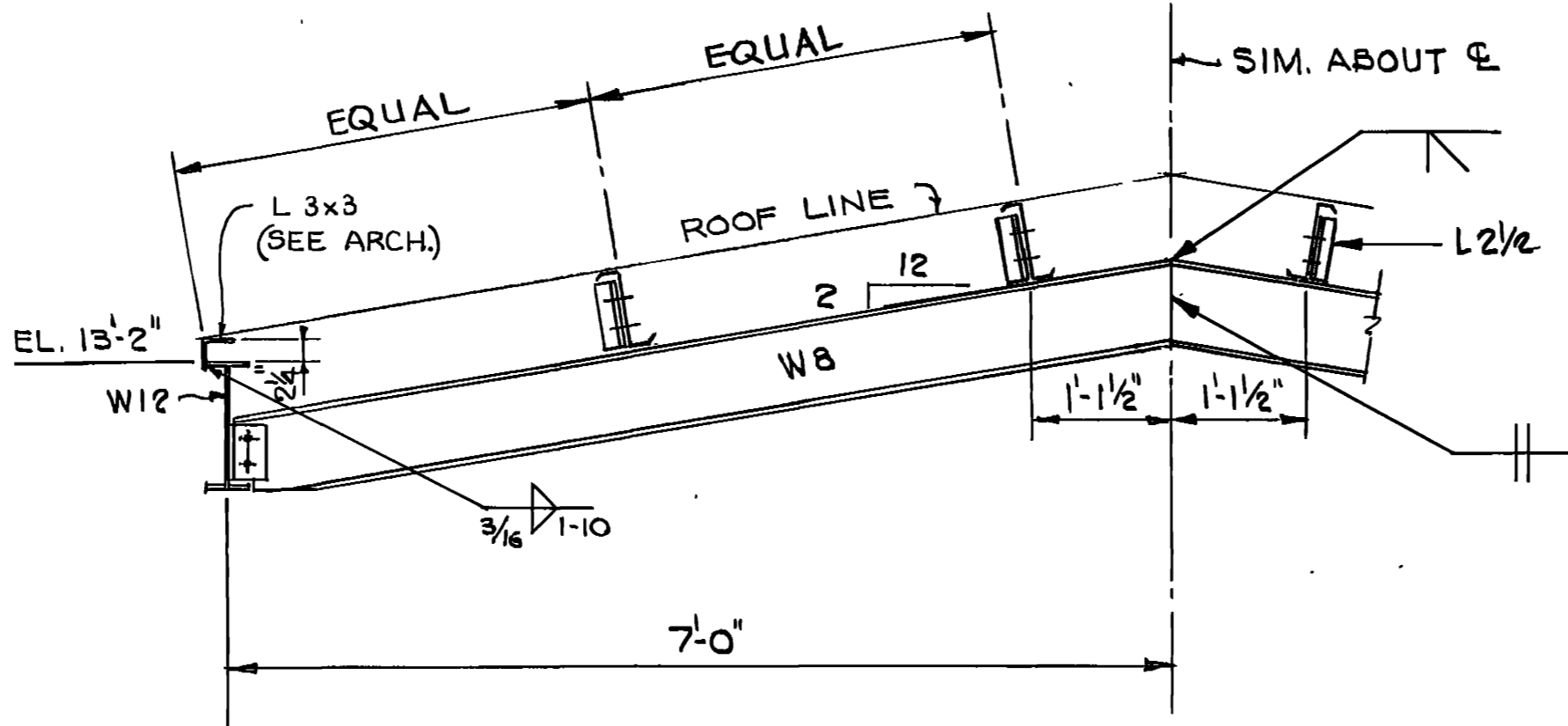
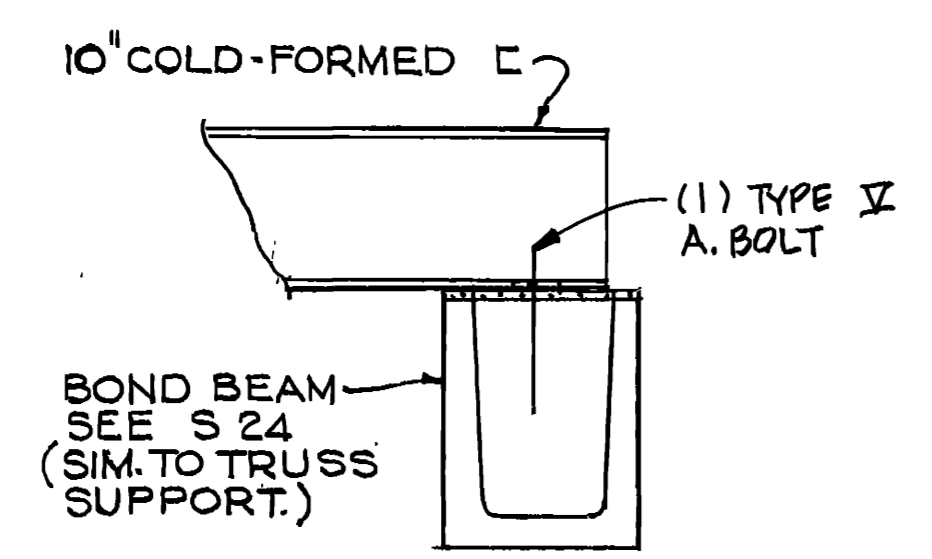
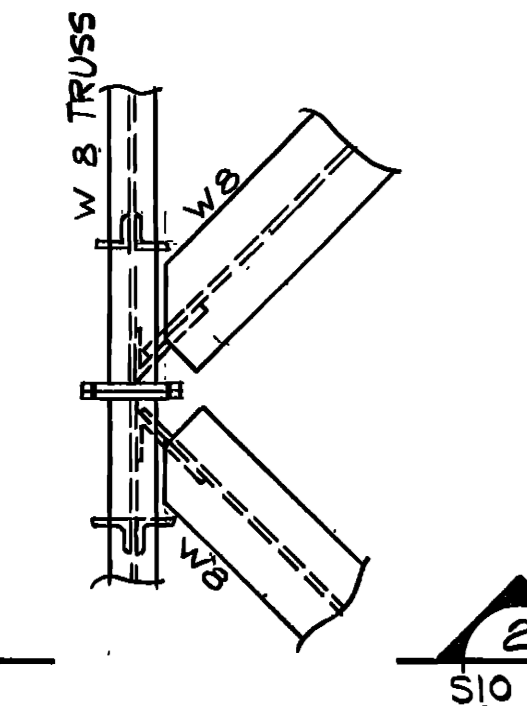
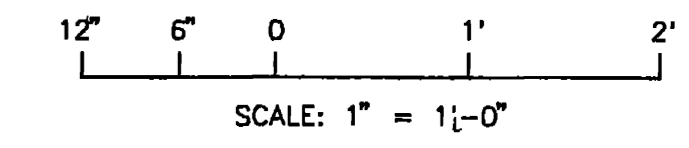
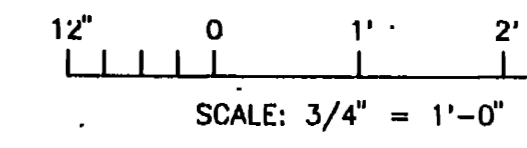
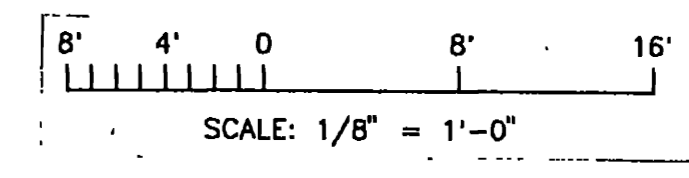
CONT. IN DRAWING 92-C-0155

**NOTES**

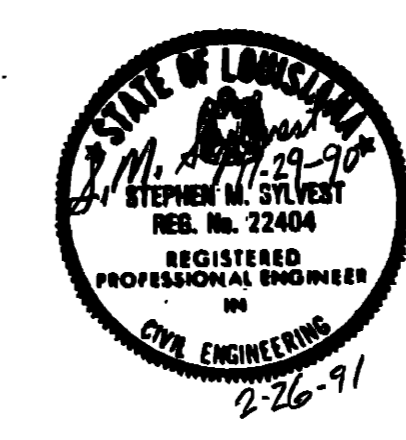
- 1. FOR NOTES SEE SHT. 59.
- 2. FOR FOUNDATION SEE SHT. 58.



**ROOF PLAN**  
 $1/8" = 1'-0"$   
 T.O.S. EL. 13'-2" (UNLESS OTHERWISE NOTED)  
 (TOP OF TRUSS BOTTOM BEAMS)



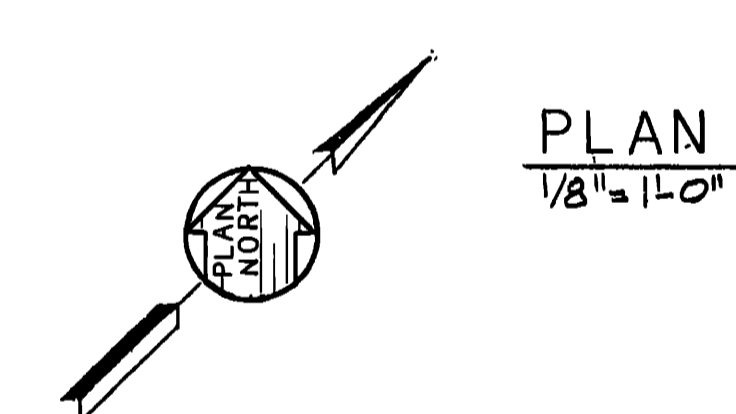
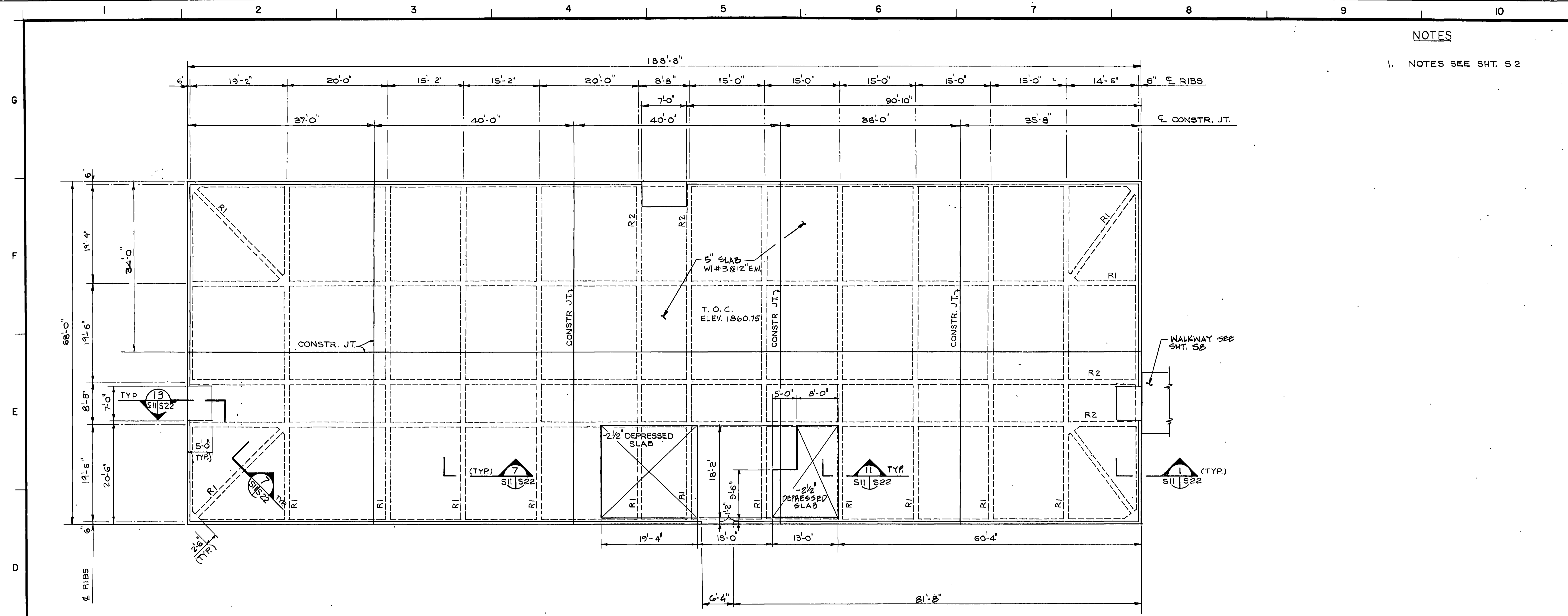
|  |  |  |                           |
|--|--|--|---------------------------|
| AM 100 JUN 99 REVISED TO REFLECT W.I. CHANGE<br>WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS, MOBILE, BATON ROUGE |  | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS |                           |
| DESIGNED BY:   | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS                             |  |                           |
| DRAWN BY:  | FIRE TRAINING COMPLEX  |  |                           |
| REVIEWED BY:   | ROOF PLAN, SECTIONS & DETAILS<br>FIRE TRAINING BUILDING - DIVISION OFFICES |  |                           |
| SUBMITTED BY:  | SO. NO. DACAB-92-0109 DATED JUN. 1992<br>CONTR. NO. DACAB-92-C-0155        | SEQUENCE NO.<br>DRAWING NUMBER   | SHEET NO.<br>173<br>OF 35 |



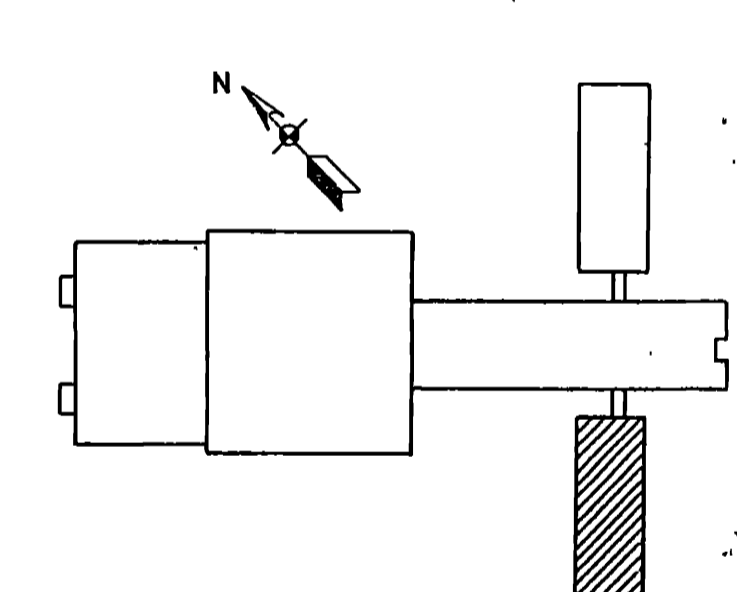
CONTR. NO. DACAB-92-C-0155



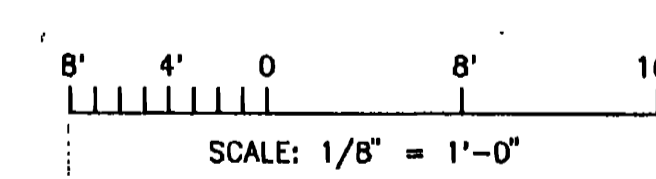
NOTES  
 1. NOTES SEE SHT. S 2



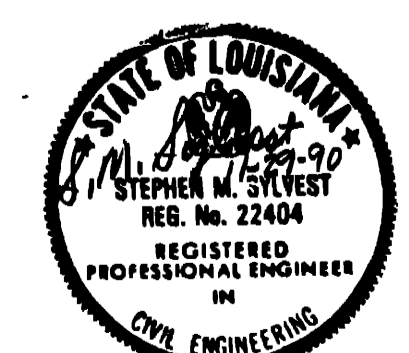
PLAN  
 1/8" = 1'-0"



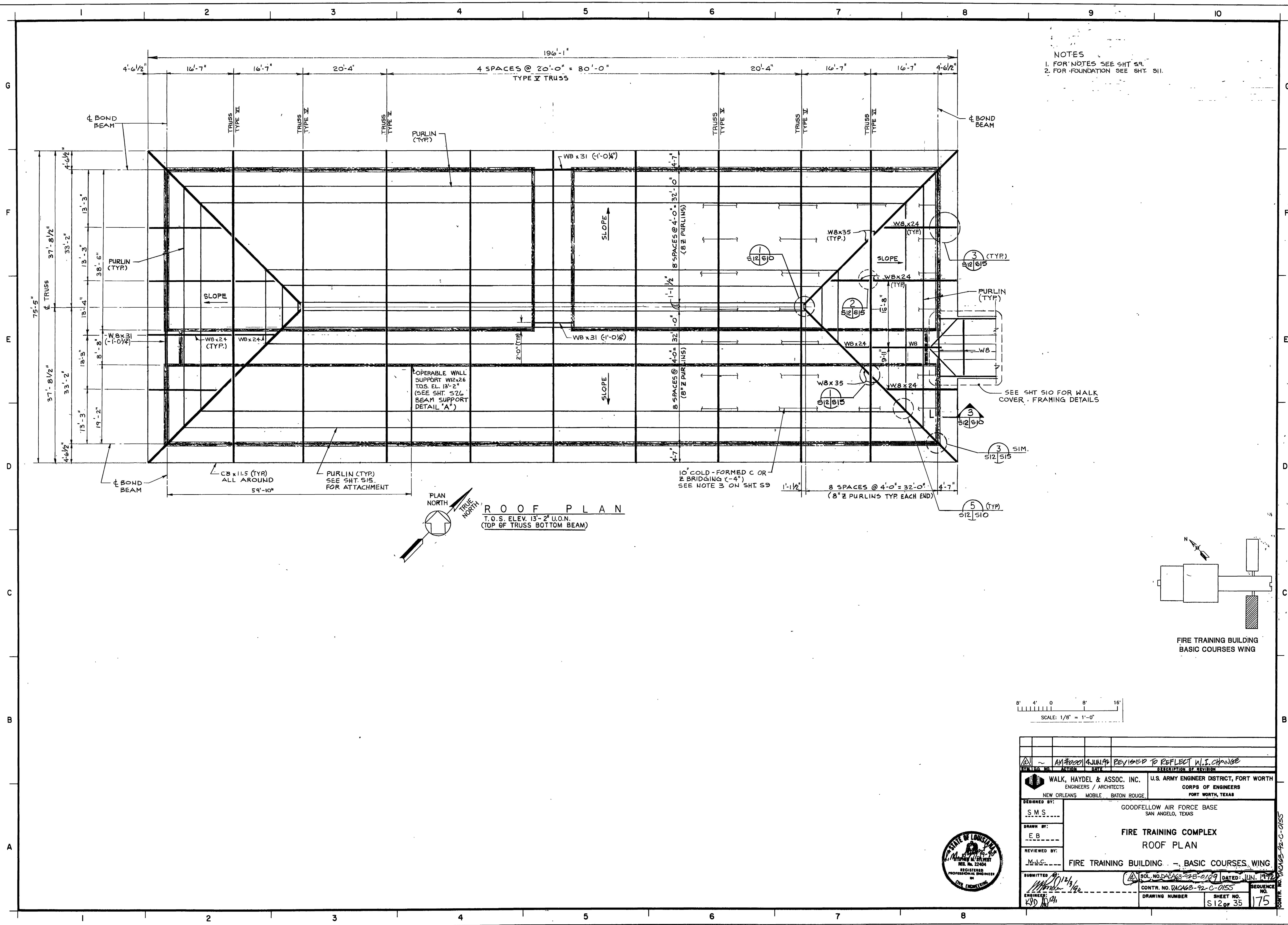
FIRE TRAINING BUILDING  
 BASIC COURSES WING



|  |  |                                |
|--|--|--------------------------------|
| NO.  | DATE   | DESCRIPTION OF REVISION        |
| 1  | 4 JUN 92   | REVISED TO REFLECT K.I. CHANGE |
| WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE |  |                                |
| U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS     |  |                                |
| DESIGNED BY:   | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS   |                                |
| DRAWN BY:  | FIRE TRAINING COMPLEX<br>FOUNDATION PLAN<br>FIRE TRAINING BUILDING<br>BASIC COURSES WING |                                |
| REVIEWED BY:   |  |                                |
| SUBMITTED BY:  | DATE: JUN. 1992  |                                |
| ENGINEER   | CONTR. NO. DACW63-92-C-0155  | SEQUENCE NO. 174               |
| DRAWING NUMBER   | SHEET NO. 174  |                                |

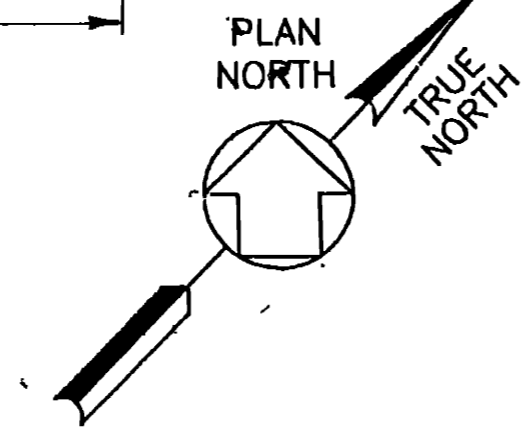


CONTR. NO. DACW63-92-C-0155

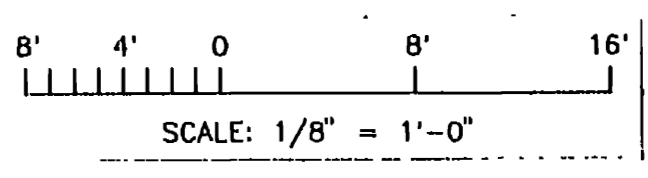
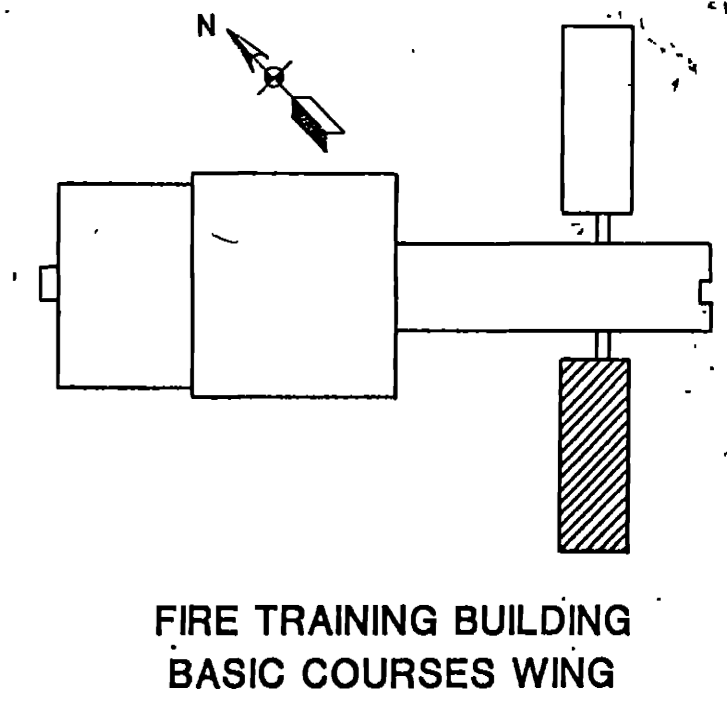


NOTES  
 1. FOR NOTES SEE SHT 59.  
 2. FOR FOUNDATION SEE SHT. 511.

**ROOF PLAN**  
 T.O.S. ELEV. 13'-2" U.O.N.  
 (TOP OF TRUSS BOTTOM BEAM)



SEE SHT 510 FOR WALK COVER FRAMING DETAILS



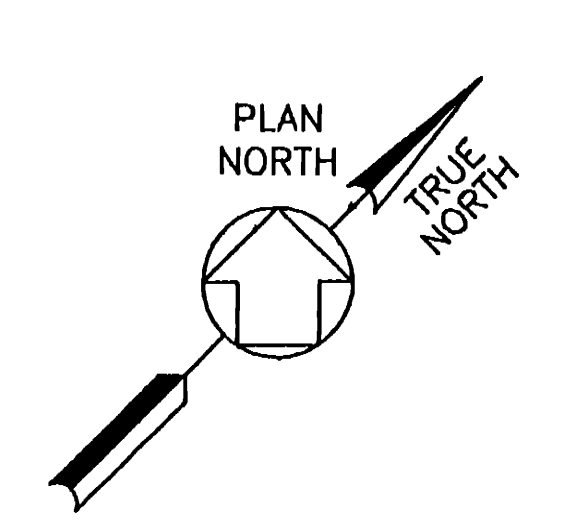
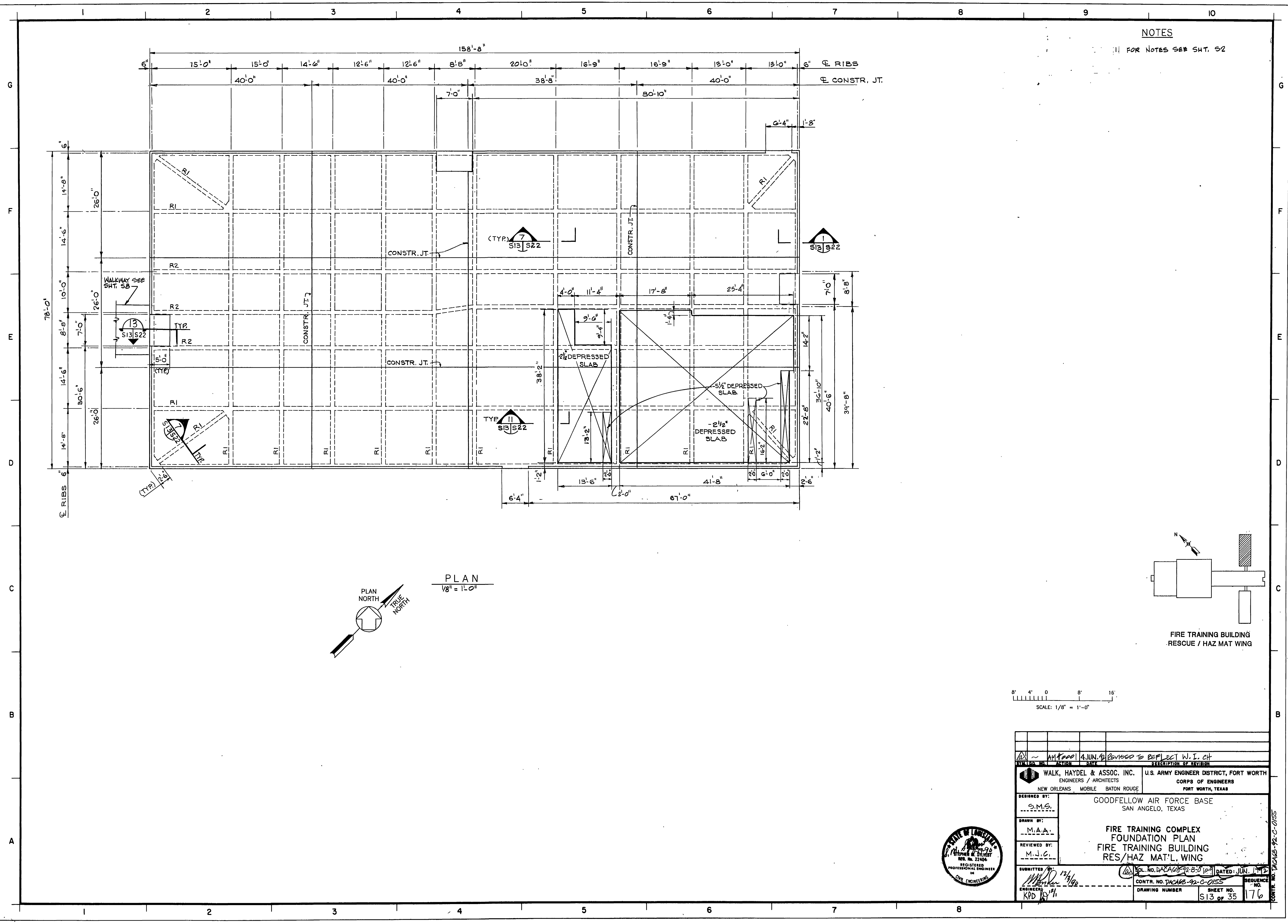
|              |          |  |
|--------------|----------|--|
| DESIGNED BY: | S.M.S.   | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS |
| DRAWN BY:    | E.B.     | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS                                     |
| REVIEWED BY: | M.J.C.   | <b>FIRE TRAINING COMPLEX<br/>ROOF PLAN</b>   |
| SUBMITTED:   | JUN 1972 | <b>FIRE TRAINING BUILDING - BASIC COURSES WING</b>                                 |
| ENGINEER:    | K.D.D.   | CONTR. NO. DACW38-92-C-0155<br>SHEET NO. 175<br>SEQUENCE NO. 35                    |



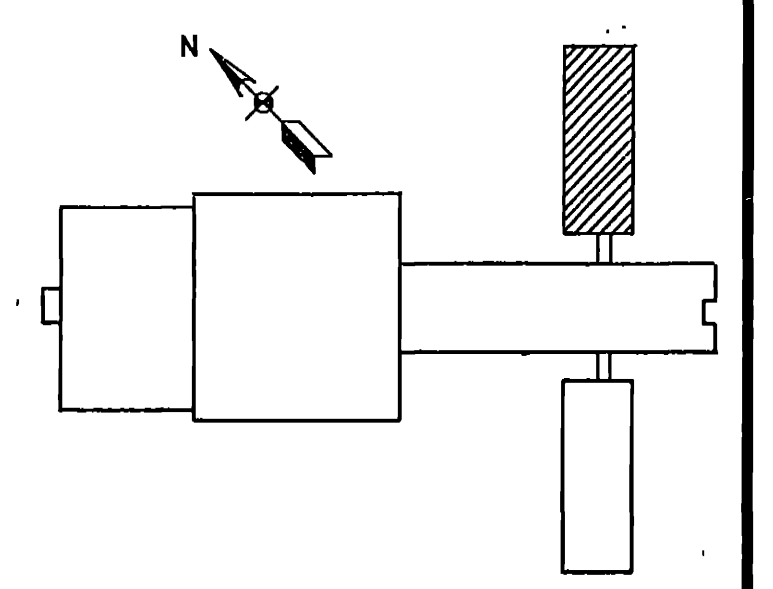
CONT. NO. DACW38-92-C-0155

NOTES

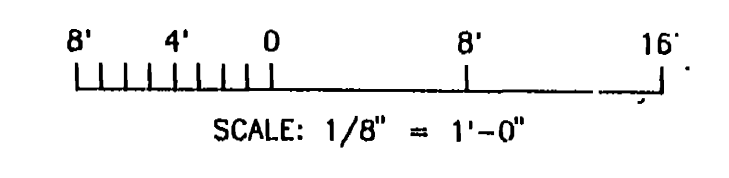
FOR NOTES SEE SHT. 92



PLAN  
1/8" = 1'-0"

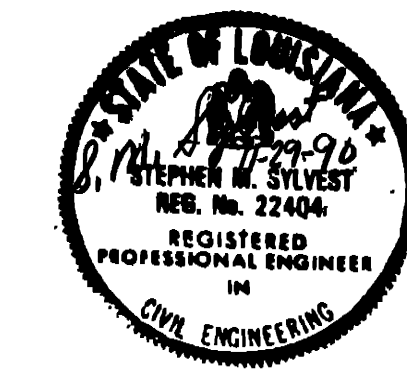


FIRE TRAINING BUILDING  
RESCUE / HAZ MAT WING

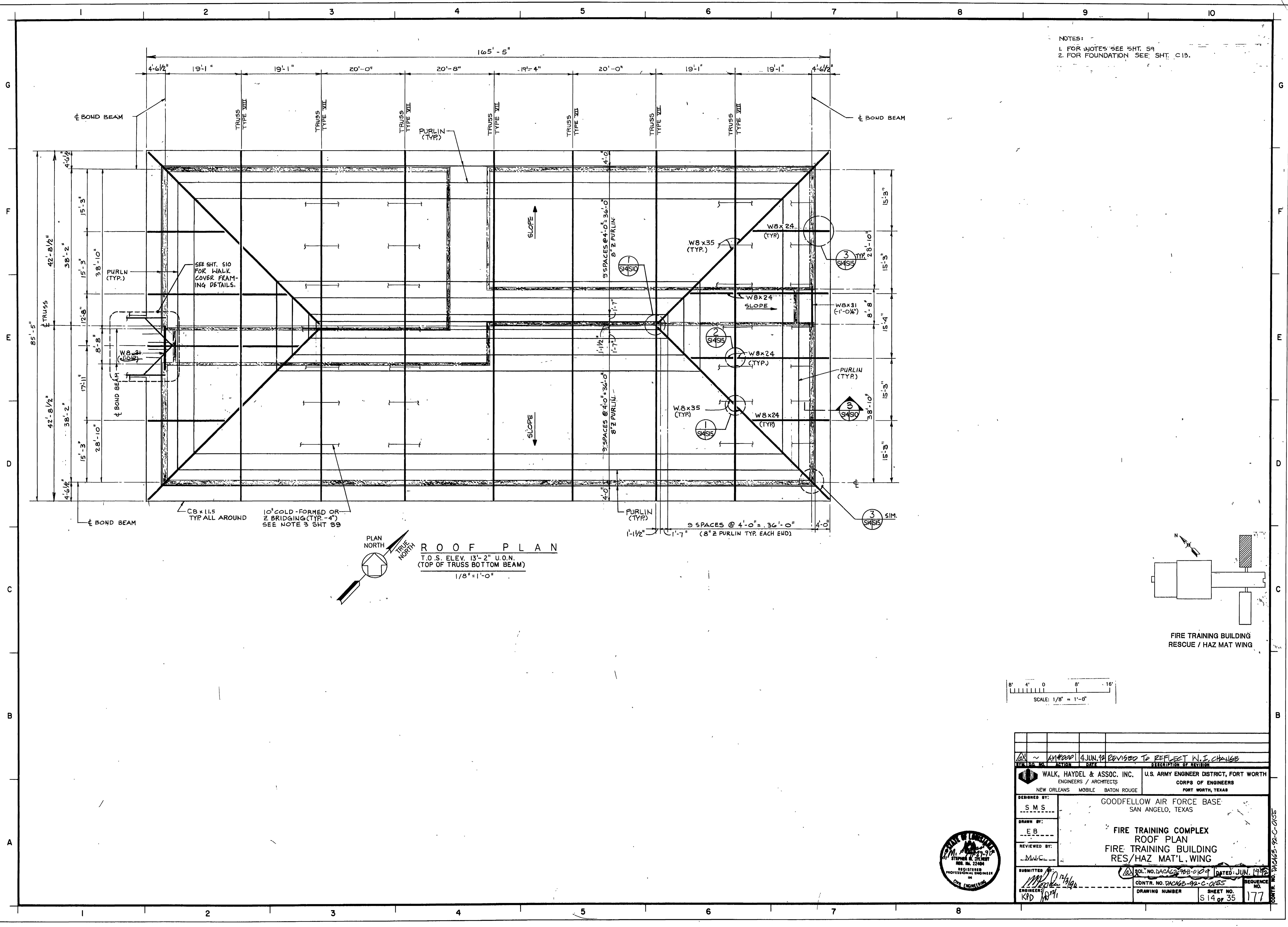


SCALE: 1/8" = 1'-0"

|  |  |  |
|--|--|--|
| DESIGNED BY:<br>S.M.S.<br>DRAWN BY:<br>M.A.A.<br>REVIEWED BY:<br>M.J.C.                  | WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS |
| GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS   |  |  |
| FIRE TRAINING COMPLEX<br>FOUNDATION PLAN<br>FIRE TRAINING BUILDING<br>RES/HAZ MAT'L WING |  |  |
| SUBMITTED BY:<br>KPD 12/1/92   | CONTR. NO. DACAB-92-C-0155   | DATED: JUN. 1992<br>SEQUENCE NO. 176   |



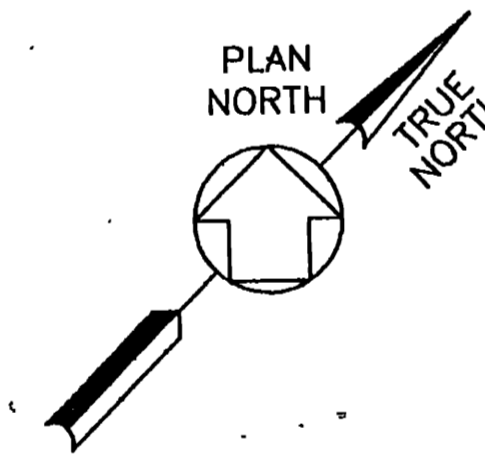
CONTR. NO. DACAB-92-C-0155



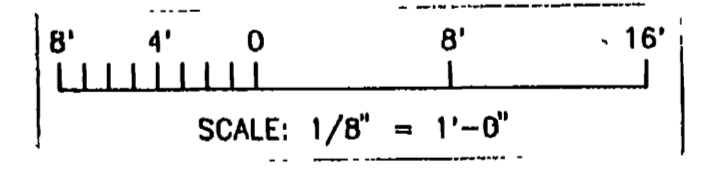
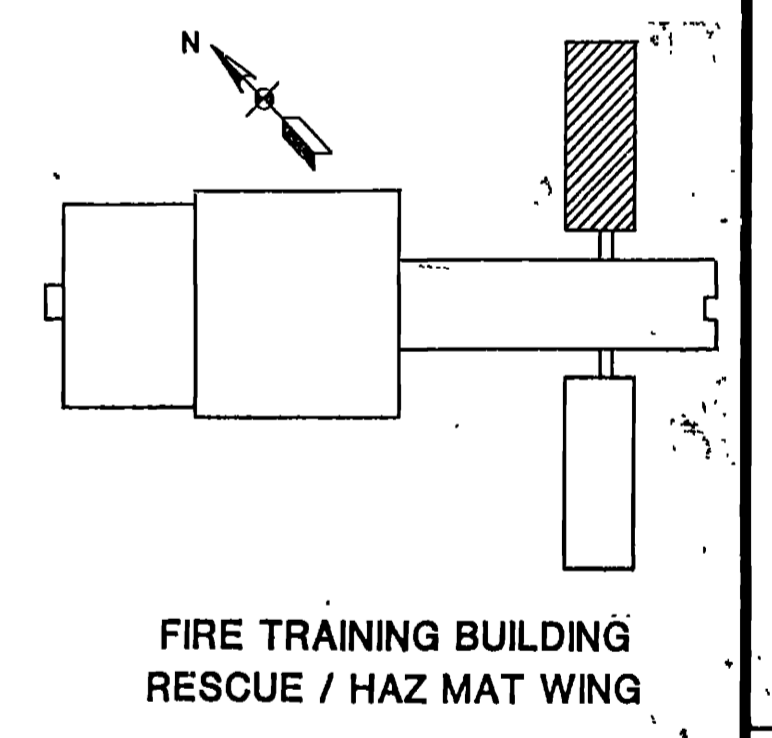
NOTES:  
 1. FOR NOTES SEE SHT. S9  
 2. FOR FOUNDATION SEE SHT. C13.

SEE SHT. S10 FOR WALK COVER FRAMING DETAILS.

CBx11.5 TYP. ALL AROUND  
 10' COLD-FORMED OR Z BRIDGING (TYP. - 4")  
 SEE NOTE 3 SHT. S9



**ROOF PLAN**  
 T.O.S. ELEV. 13'-2" U.O.N.  
 (TOP OF TRUSS BOTTOM BEAM)  
 1/8" = 1'-0"



|   |                    |   |
|---|--------------------|---|
| DESIGNED BY:  | S.M.S.             | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS                                      |
| DRAWN BY:   | E.B.               | FIRE TRAINING COMPLEX<br>ROOF PLAN<br>FIRE TRAINING BUILDING<br>RES/HAZ MAT'L. WING |
| REVIEWED BY:  | M.W.C.             |   |
| SUBMITTED BY:   | M.W.C.             |   |
| REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING |                    |   |
| CONTR. NO. DACW68-92-C-0185                           | DATE: JUN. 1992    | SEQUENCE NO. 177  |
| DRAWING NUMBER  | SHEET NO. 14 OF 35 |   |



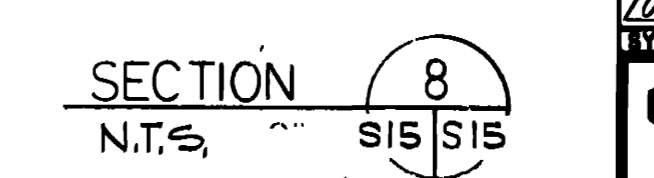
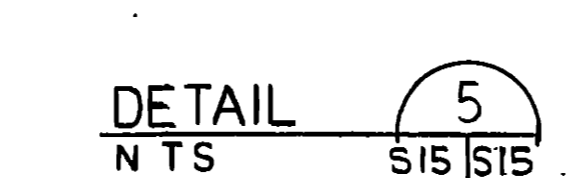
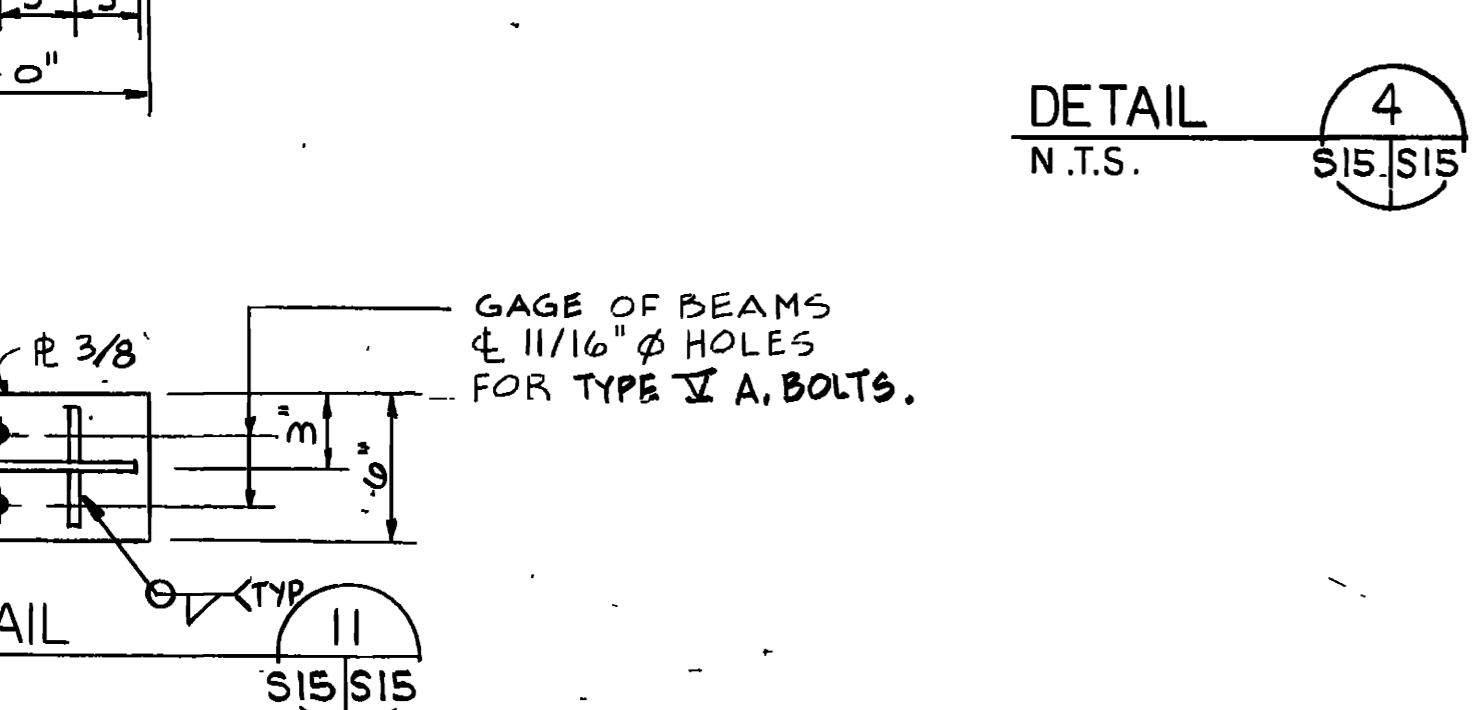
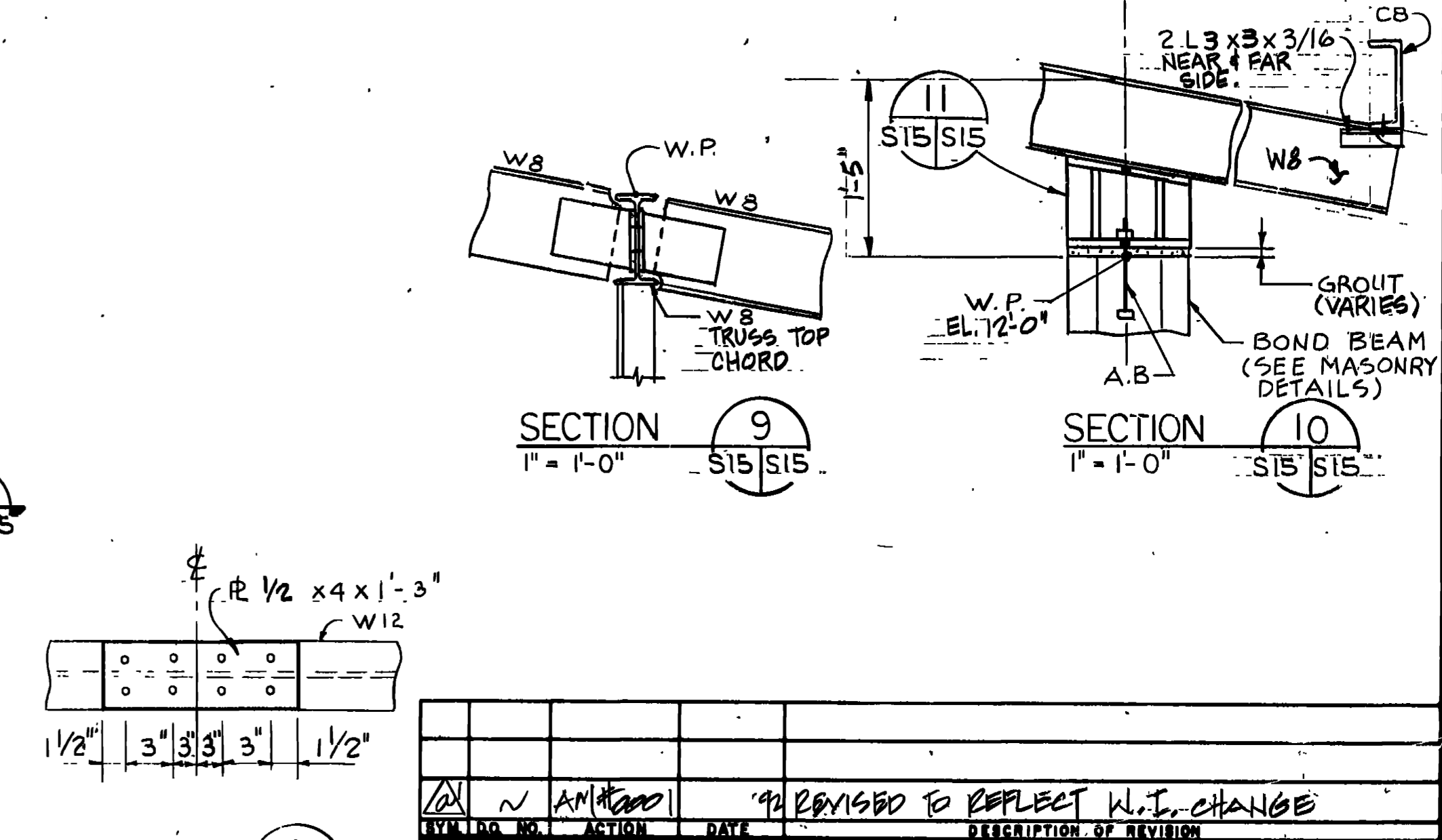
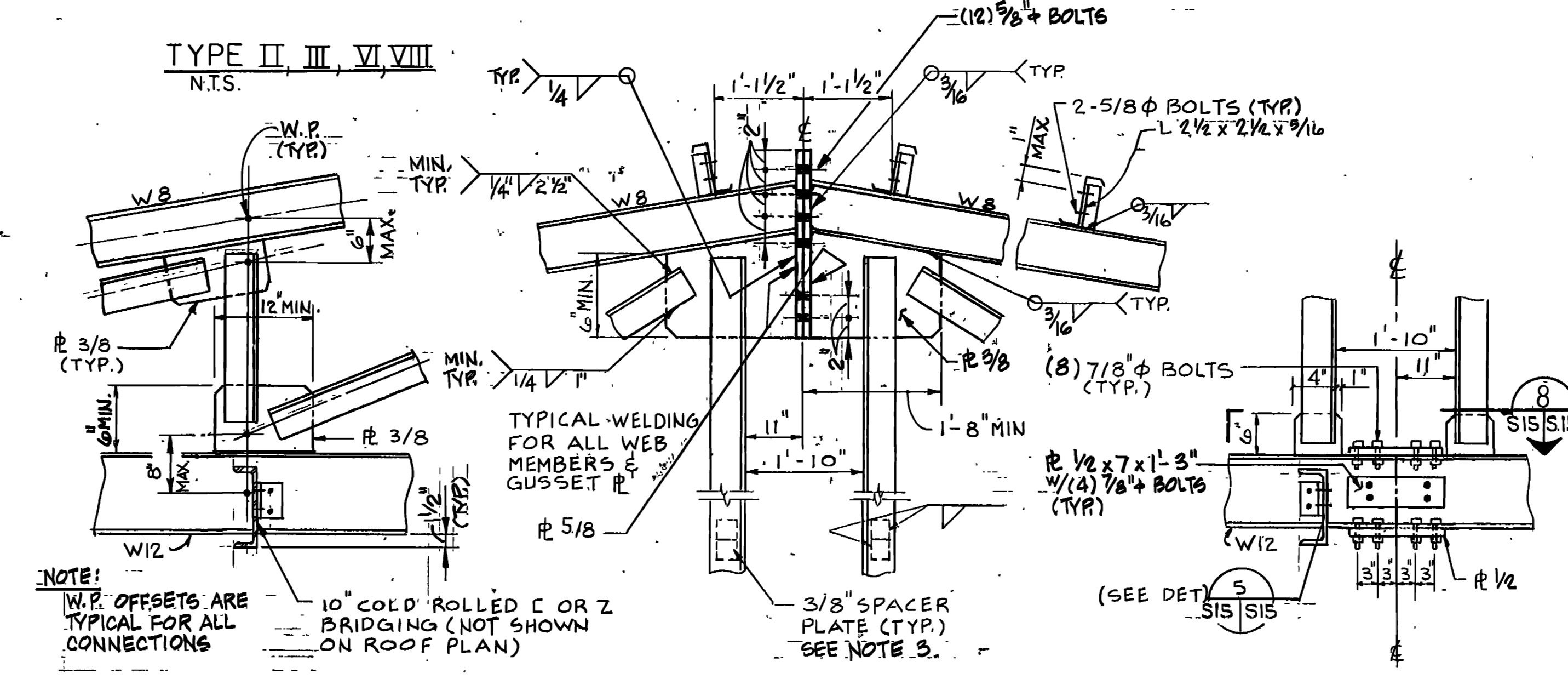
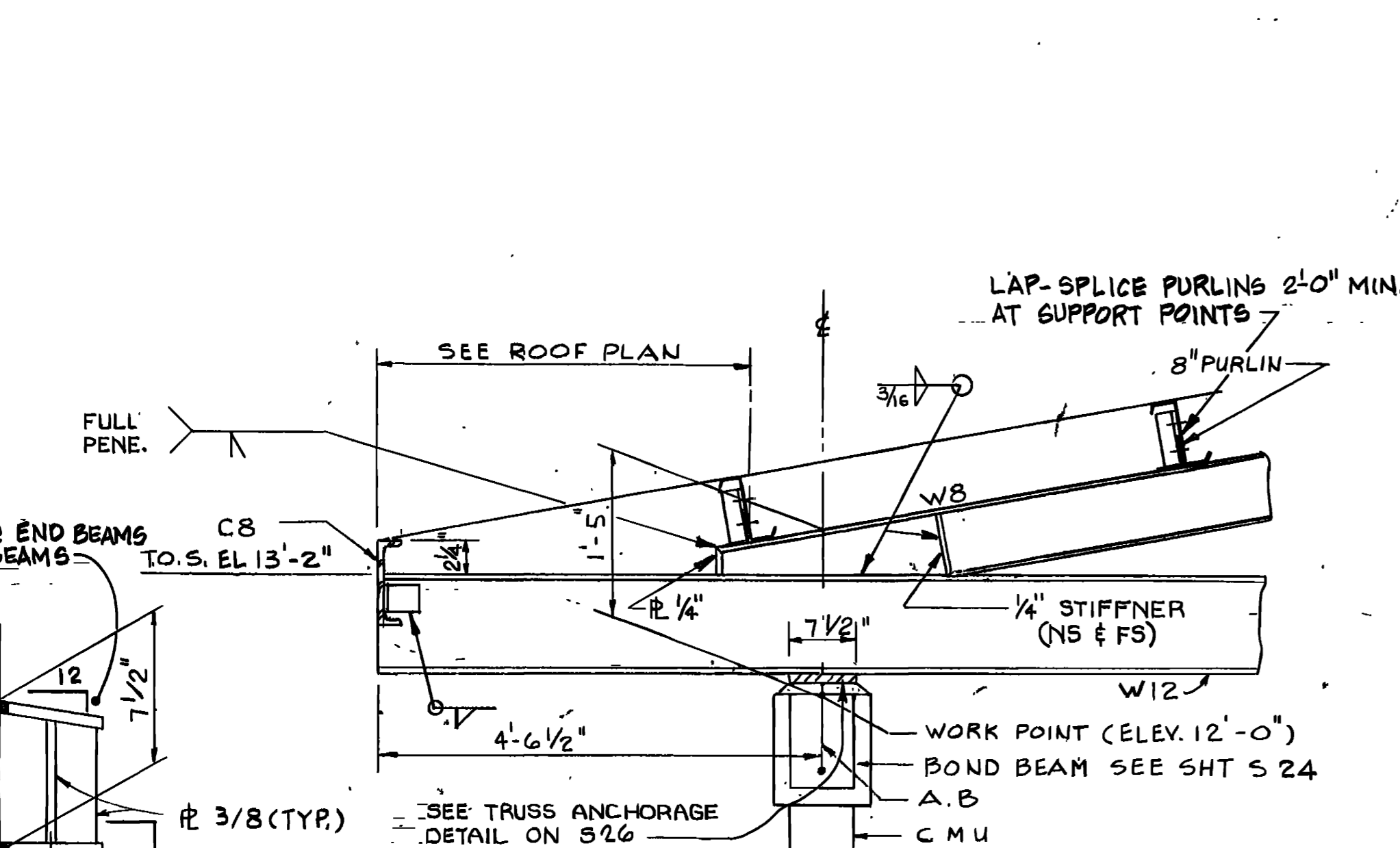
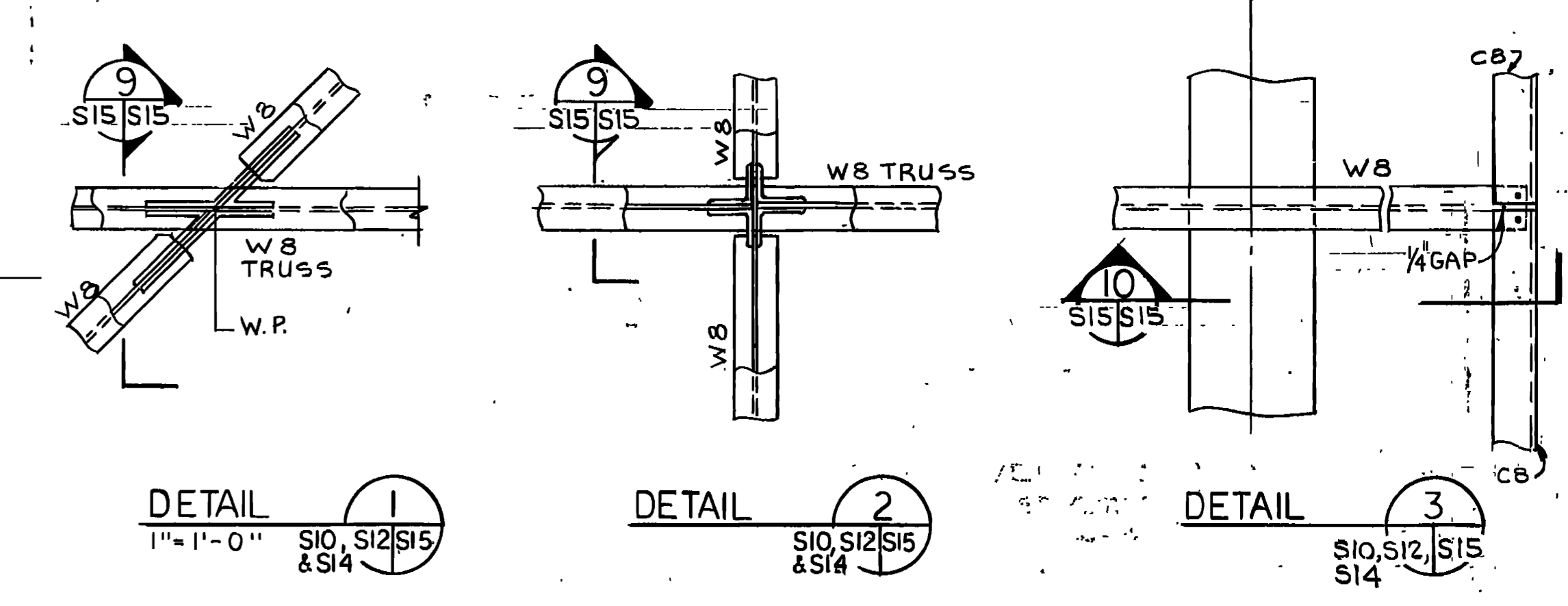
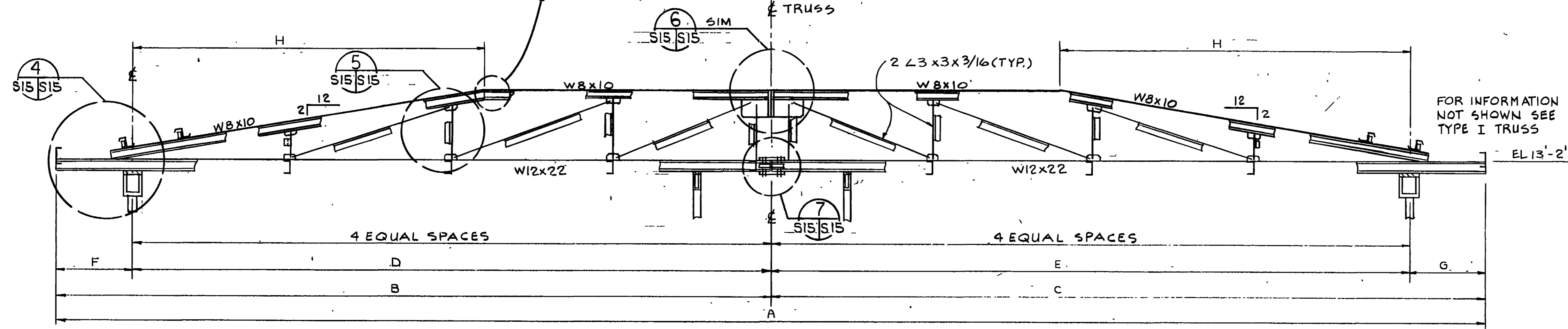
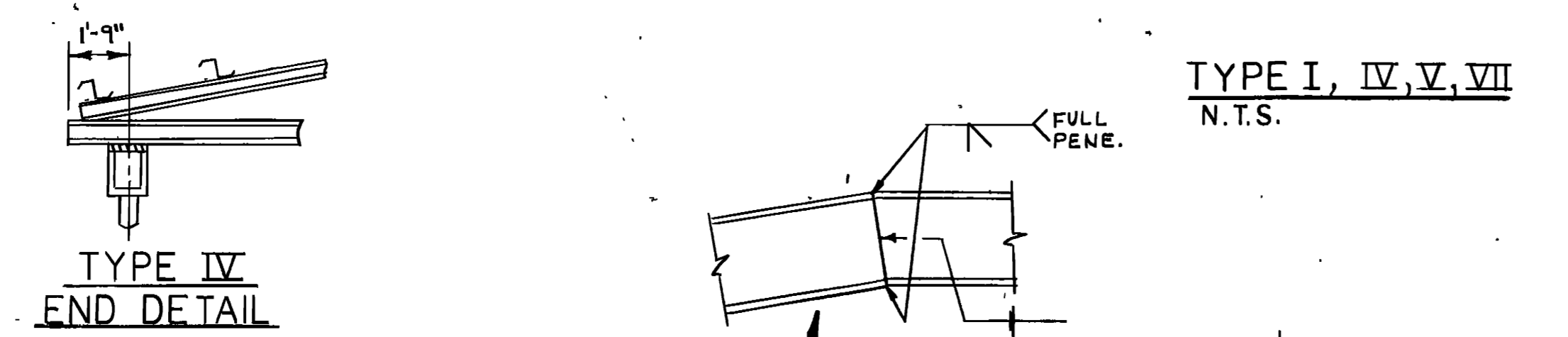
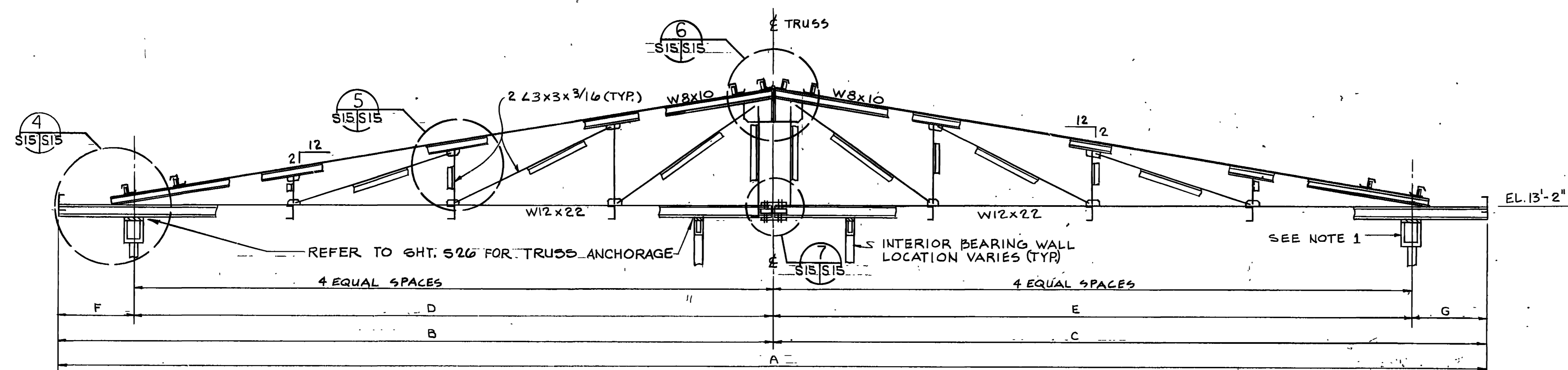
CONTR. NO. DACW68-92-C-0185

**NOTES**

1. BEARING WALLS (TYP.) FOR LOCATION SEE PLAN SHT. S24 & ARCH. SHTS. A6, A7, A8 & A9.  
NON-LOAD BEARING WALLS NOT SHOWN.
2. NOT ALL PURLINS ARE SHOWN FOR CLARITY. SEE PLANS FOR NUMBER AND SPACING.
3. ALL 2 L3x3x3/16 WEB MEMBERS SHALL HAVE A MINIMUM OF 2 SPACER PLATES EQUALLY SPACED.

**TRUSS SCHEDULE**

| TYPE | A       | B          | C          | D      | E      | F         | G         | H      |
|------|---------|------------|------------|--------|--------|-----------|-----------|--------|
| I    | 95'-5"  | 47'-8 1/2" | 47'-8 1/2" | 43'-2" | 43'-2" | 4'-6 1/2" | 4'-6 1/2" | —      |
| II   | 95'-5"  | 47'-8 1/2" | 47'-8 1/2" | 43'-2" | 43'-2" | 4'-6 1/2" | 4'-6 1/2" | 28'-9" |
| III  | 95'-5"  | 47'-8 1/2" | 47'-8 1/2" | 43'-2" | 43'-2" | 4'-6 1/2" | 4'-6 1/2" | 14'-4" |
| IV   | 89'-10" | 44'-11"    | 44'-11"    | 43'-2" | 43'-2" | 1'-9"     | 1'-9"     | —      |
| V    | 75'-5"  | 37'-8 1/2" | 37'-8 1/2" | 33'-2" | 33'-2" | 4'-6 1/2" | 4'-6 1/2" | —      |
| VI   | 75'-5"  | 37'-8 1/2" | 37'-8 1/2" | 33'-2" | 33'-2" | 4'-6 1/2" | 4'-6 1/2" | 16'-7" |
| VII  | 85'-5"  | 42'-8 1/2" | 42'-8 1/2" | 38'-2" | 38'-2" | 4'-6 1/2" | 4'-6 1/2" | —      |
| VIII | 85'-5"  | 42'-8 1/2" | 42'-8 1/2" | 38'-2" | 38'-2" | 4'-6 1/2" | 4'-6 1/2" | 19'-1" |



SCALE: 1" = 14'-0"



WALK, HAYDEL & ASSOC. INC. U.S. ARMY ENGINEER DISTRICT, FORT WORTH  
 ENGINEERS / ARCHITECTS  
 NEW ORLEANS MOBILE BATON ROUGE FORT WORTH, TEXAS

DESIGNED BY: S.M.S. GOODFELLOW AIR FORCE BASE SAN ANGELO, TEXAS

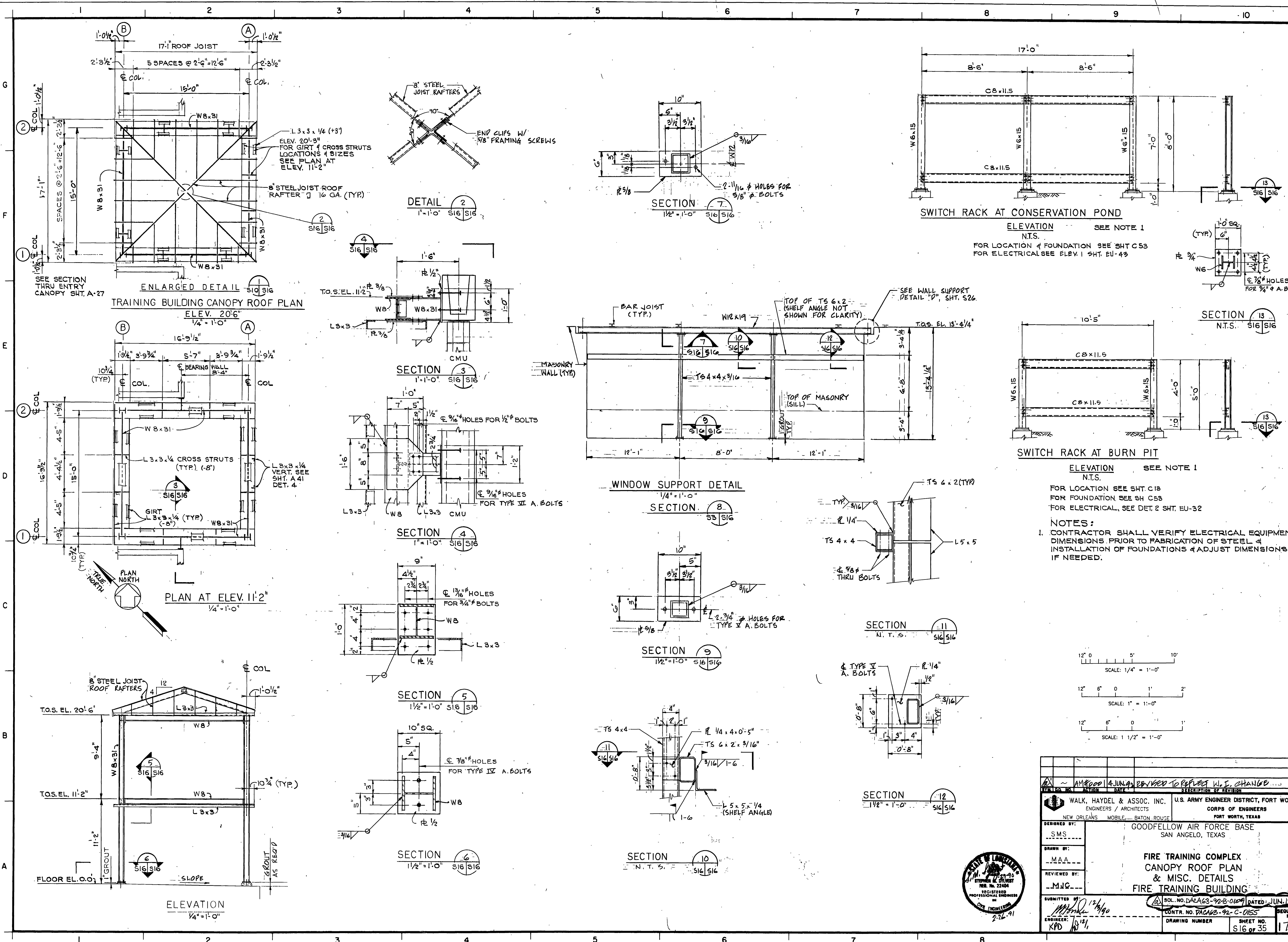
DRAWN BY: E.B.

REVIEWED BY: M.J.C.

PROJECT: FIRE TRAINING COMPLEX ROOF TRUSS SECTIONS & DETAILS FIRE TRAINING BUILDING

DATE: JUN. 1992

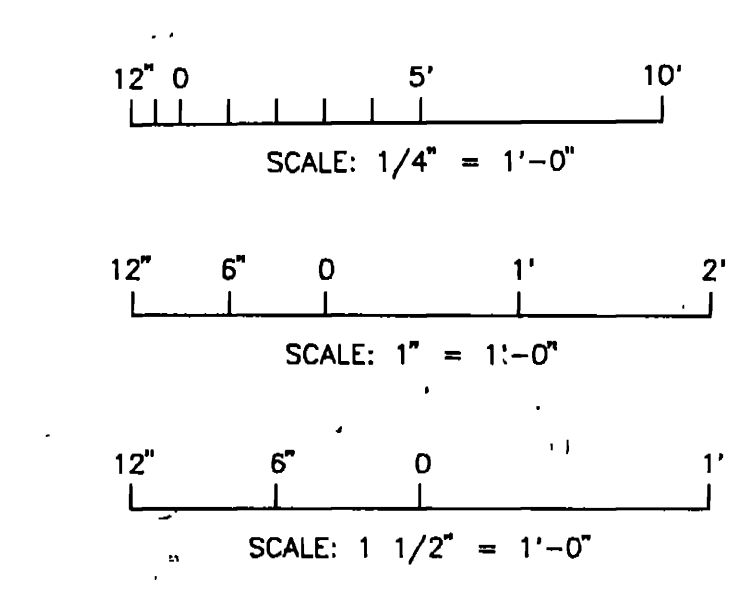
CONTR. NO. DACW68-92-C-0155 SHEET NO. S15 OF 35



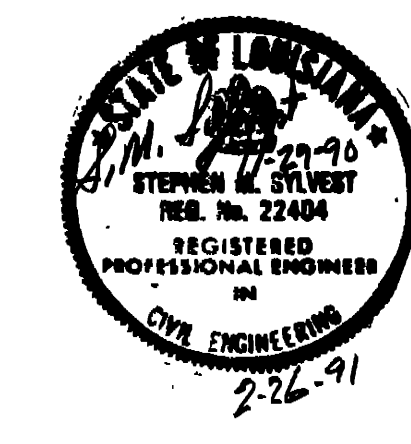
SWITCH RACK AT CONSERVATION POND  
ELEVATION N.T.S.  
FOR LOCATION & FOUNDATION SEE SHT C53  
FOR ELECTRICAL SEE ELEV. 1 SHT. EU-43

SWITCH RACK AT BURN PIT  
ELEVATION N.T.S.  
FOR LOCATION SEE SHT. C13  
FOR FOUNDATION SEE SHT. C53  
FOR ELECTRICAL, SEE DET. 2 SHT. EU-32

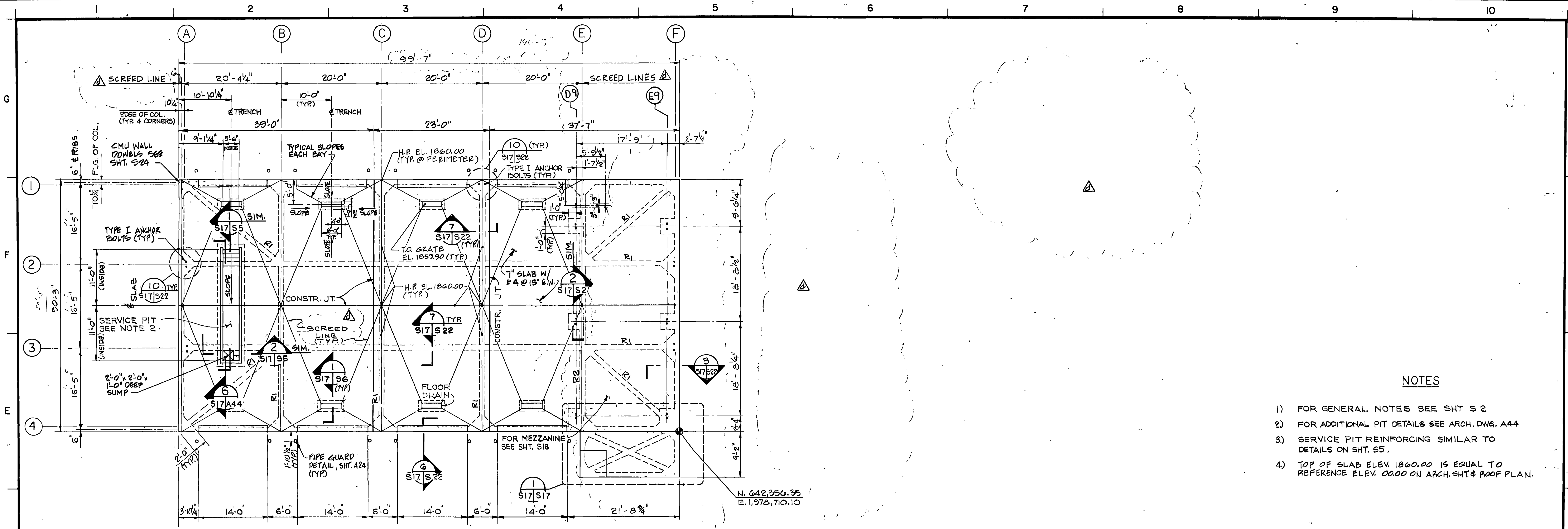
NOTES:  
1. CONTRACTOR SHALL VERIFY ELECTRICAL EQUIPMENT DIMENSIONS PRIOR TO FABRICATION OF STEEL & INSTALLATION OF FOUNDATIONS & ADJUST DIMENSIONS IF NEEDED.



|  |   |
|--|---|
| AM 1000 JUN 1992 REVISED TO REFLECT W.S. CHANGE<br>WALK, HAYDEL & ASSOC. INC. U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>ENGINEERS / ARCHITECTS CORPS OF ENGINEERS<br>NEW ORLEANS MOBILE - BATON ROUGE FORT WORTH, TEXAS |   |
| DESIGNED BY: SMS<br>DRAWN BY: MAA<br>REVIEWED BY: MJC  | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS<br><b>FIRE TRAINING COMPLEX<br/>         CANOPY ROOF PLAN<br/>         &amp; MISC. DETAILS<br/>         FIRE TRAINING BUILDING</b> |
| SUBMITTED BY: [Signature]<br>ENGINEER: KPD   | SOL. NO. DACAG3-92B-0107 DATED JUN. 1992<br>CONTR. NO. DACAG3-92-C-0155<br>DRAWING NUMBER: S16 OF 35<br>SHEET NO. 179   |

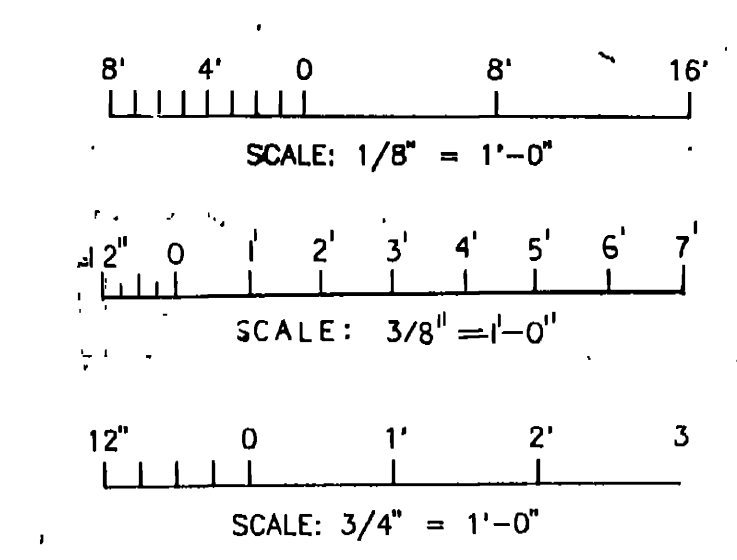
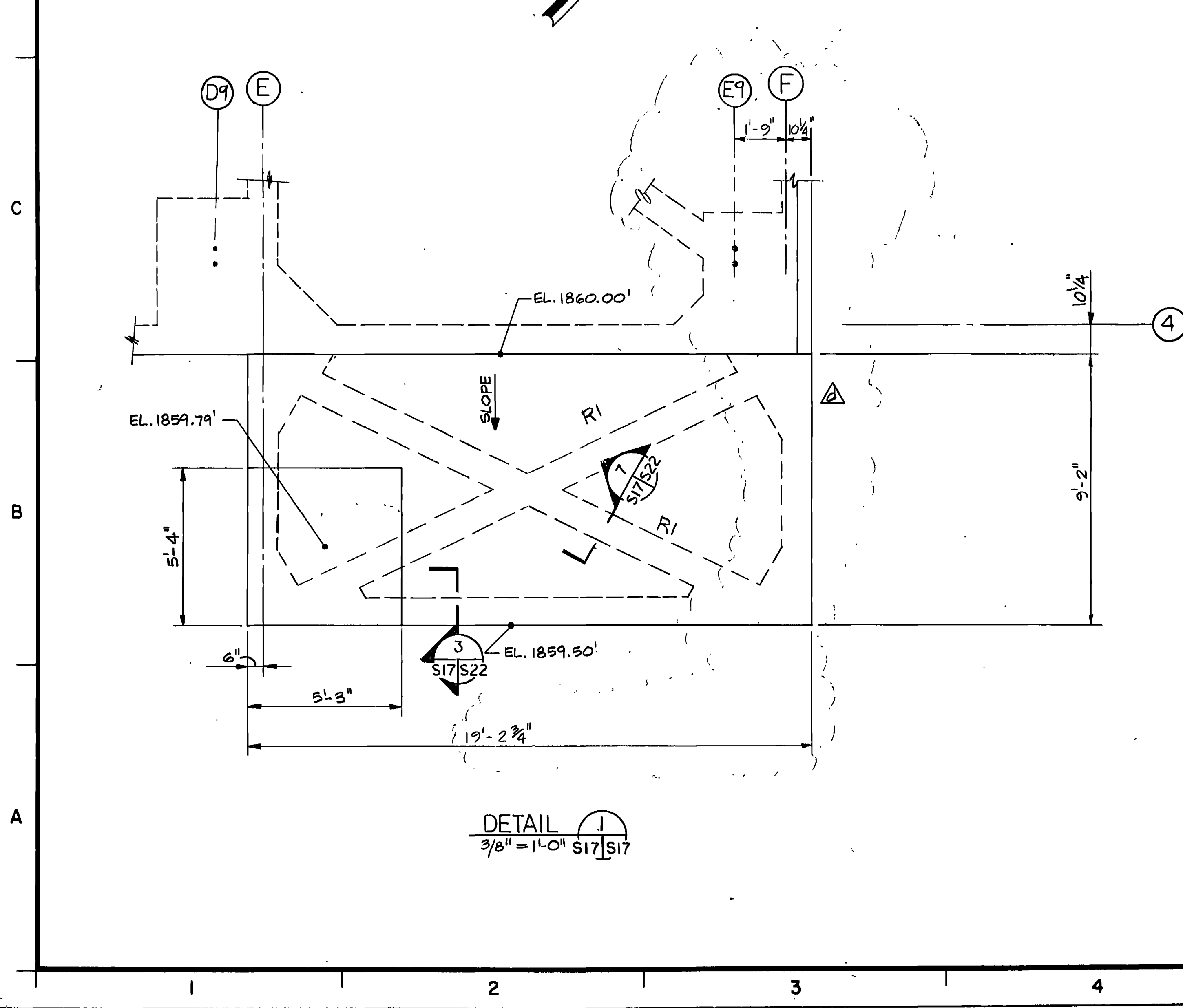


2021

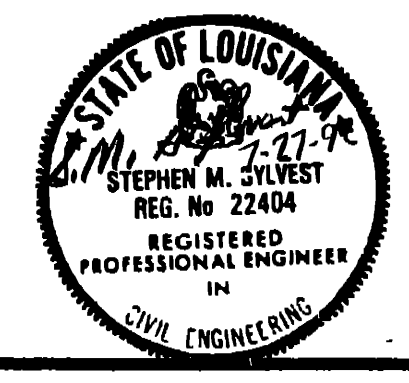


- NOTES**
- 1) FOR GENERAL NOTES SEE SHT S 2
  - 2) FOR ADDITIONAL PIT DETAILS SEE ARCH. DWS. A44
  - 3) SERVICE PIT REINFORCING SIMILAR TO DETAILS ON SHT. S5.
  - 4) TOP OF SLAB ELEV. 1860.00 IS EQUAL TO REFERENCE ELEV. 0000 ON ARCH. SHT. & ROOF PLAN.

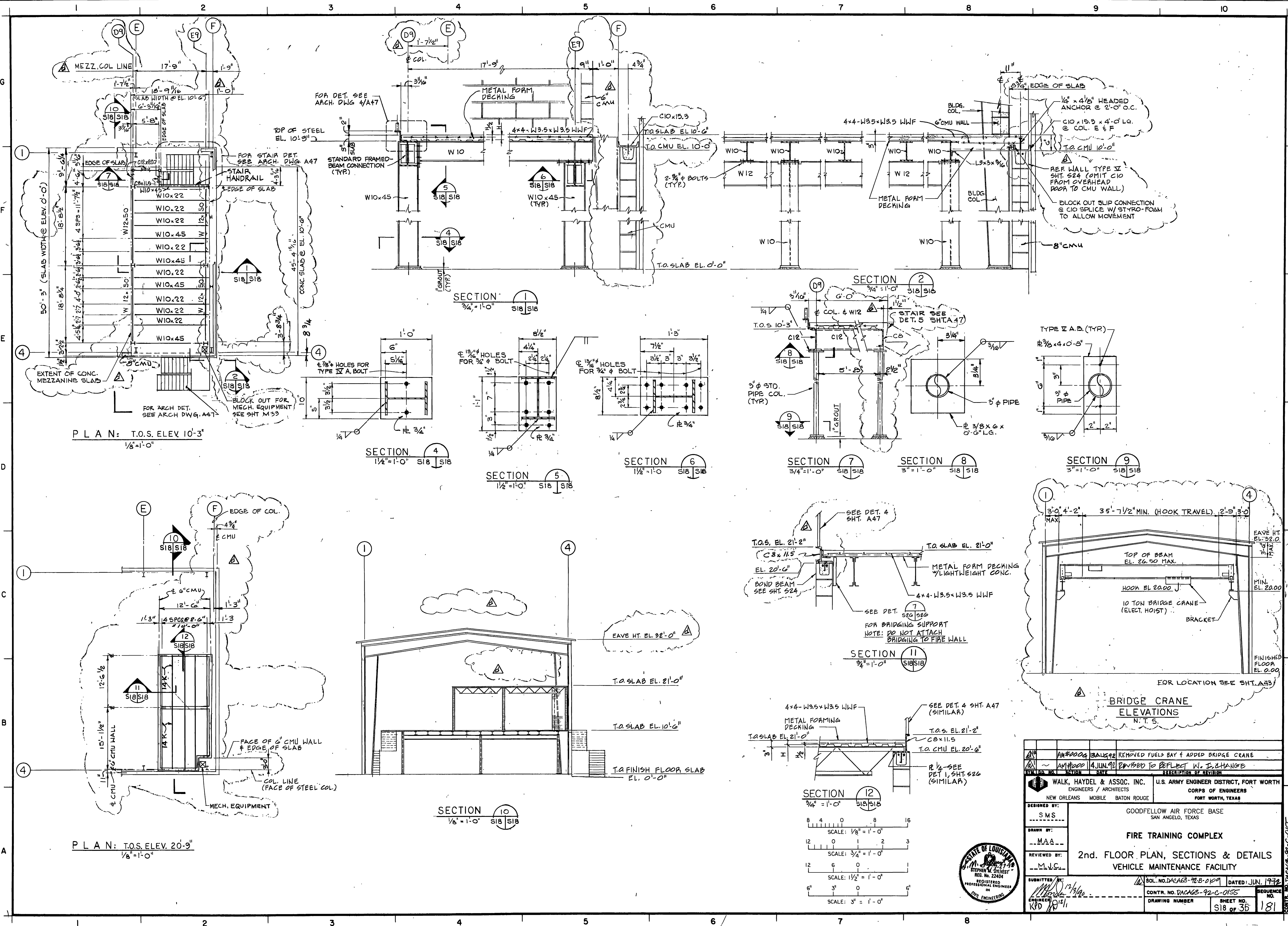
PLAN  
1/8" = 1'-0"  
FOR LOCATION SEE SHT. C14



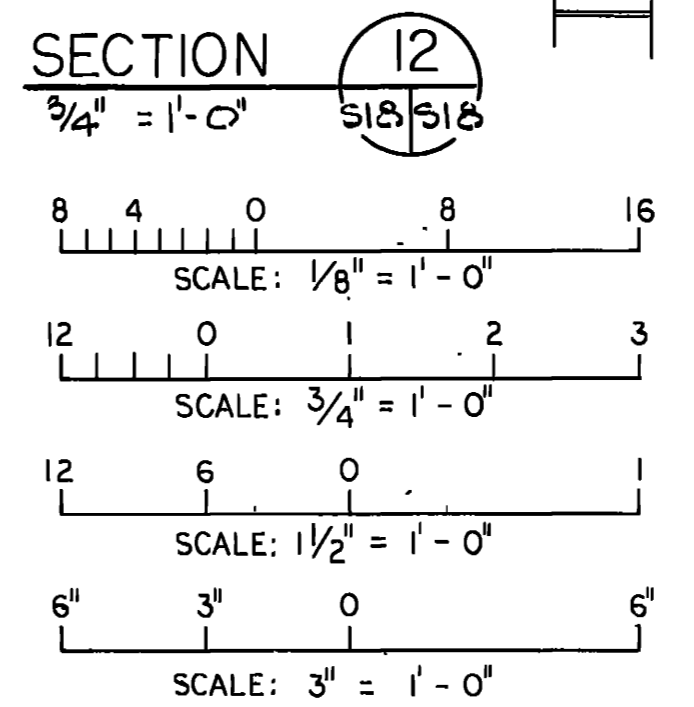
|  |          |  |
|--|----------|--|
| AN#0009  | 3 AUG 92 | REMOVED FUELS BAY  |
| AM#0000  | 4 JUN 92 | REVISED TO REFLECT W.I. CHANGE   |
| DATE   | DATE     | DESCRIPTION OF REVISION  |
| WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE |          | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS |
| DESIGNED BY:   | S.M.S.   | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS                                     |
| DRAWN BY:  | M.A.A.   | FIRE TRAINING COMPLEX  |
| REVIEWED BY:   | M.J.O.   | FOUNDATION PLAN, SECTIONS & DETAILS<br>VEHICLE MAINTENANCE FACILITY                |
| SUBMITTED BY:  | M.J.O.   | SOL. NO. DACAG6-92-B-0107 DATED: JUN. 1992   |
| ENGINEER   | K.D.     | CONTR. NO. DACAG6-92-C-0155  |
|  |          | SEQUENCE NO. 180   |
|  |          | DRAWING NUMBER S17 OF 35   |



CONTR. NO. DACAG6-92-C-0155



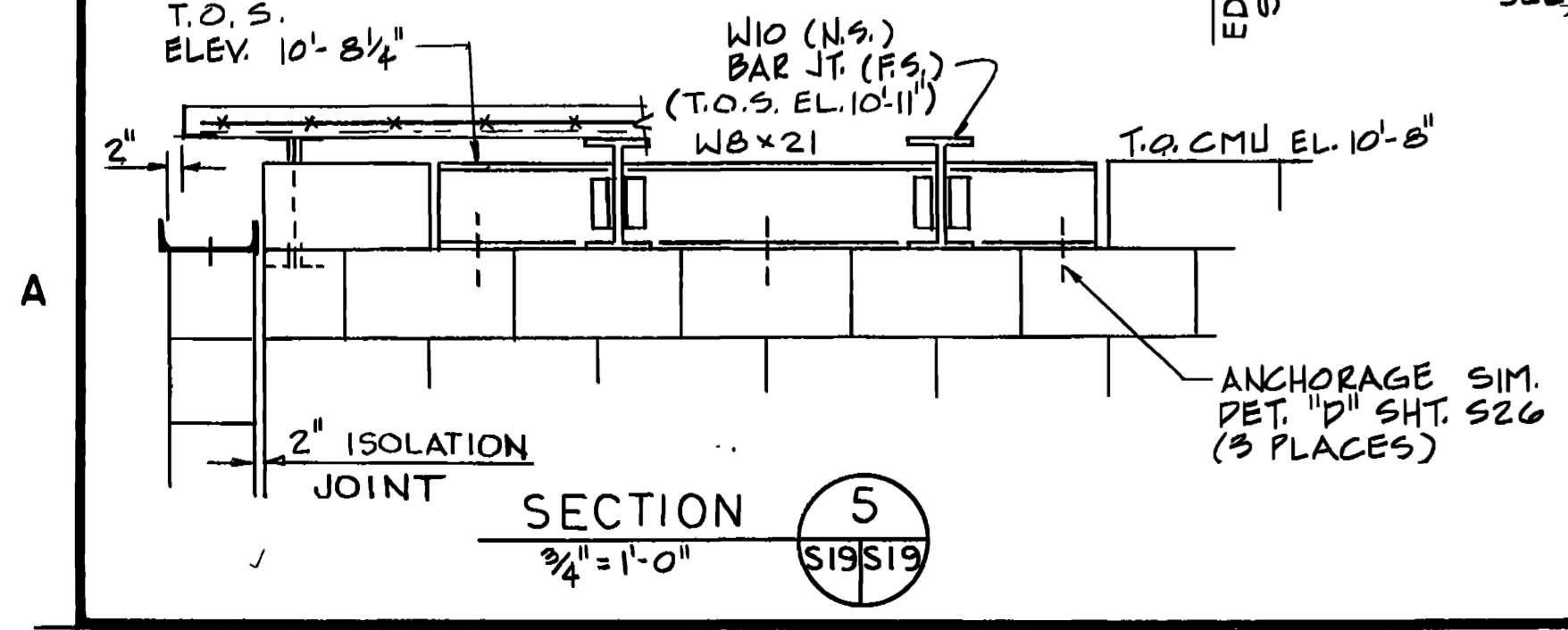
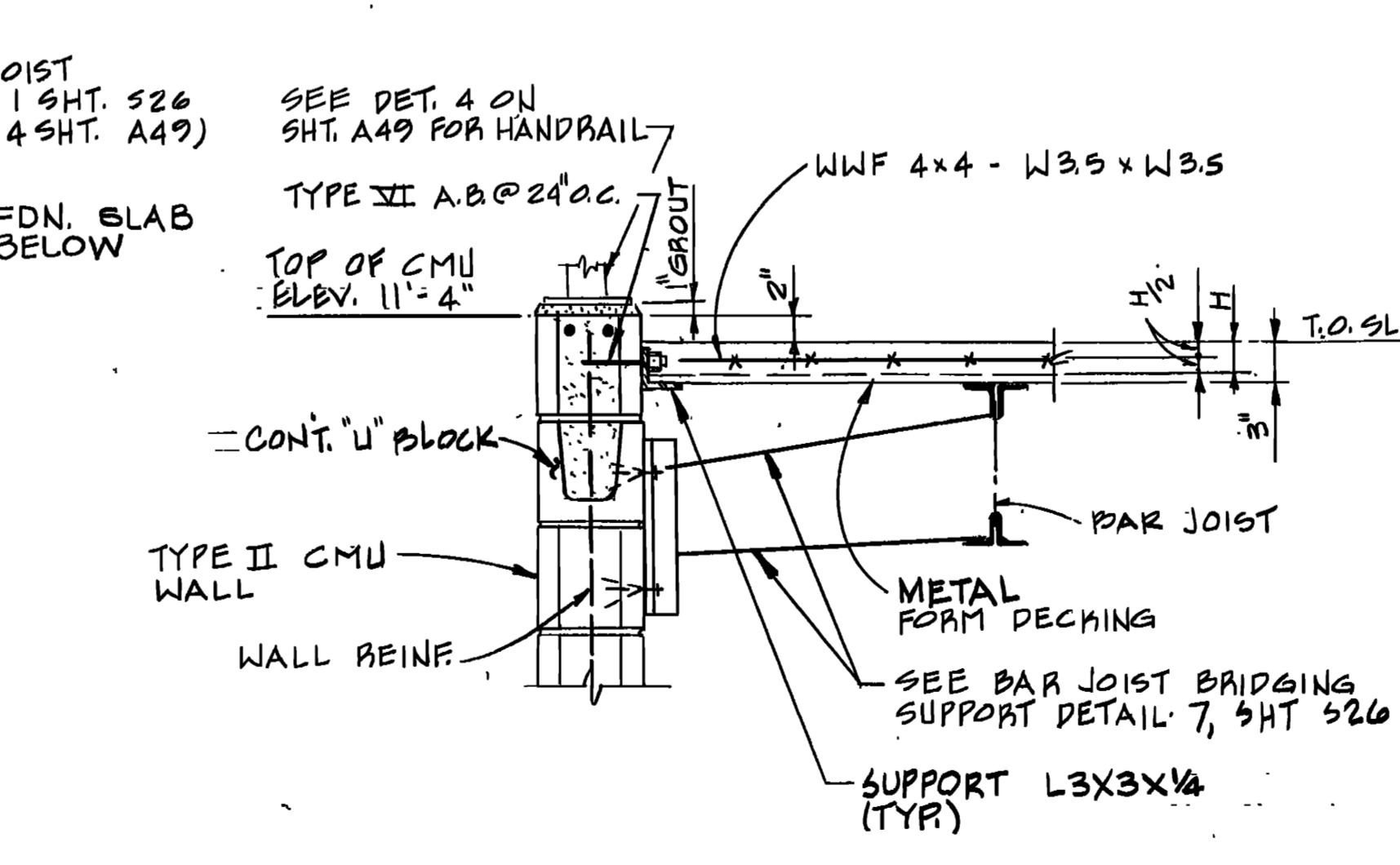
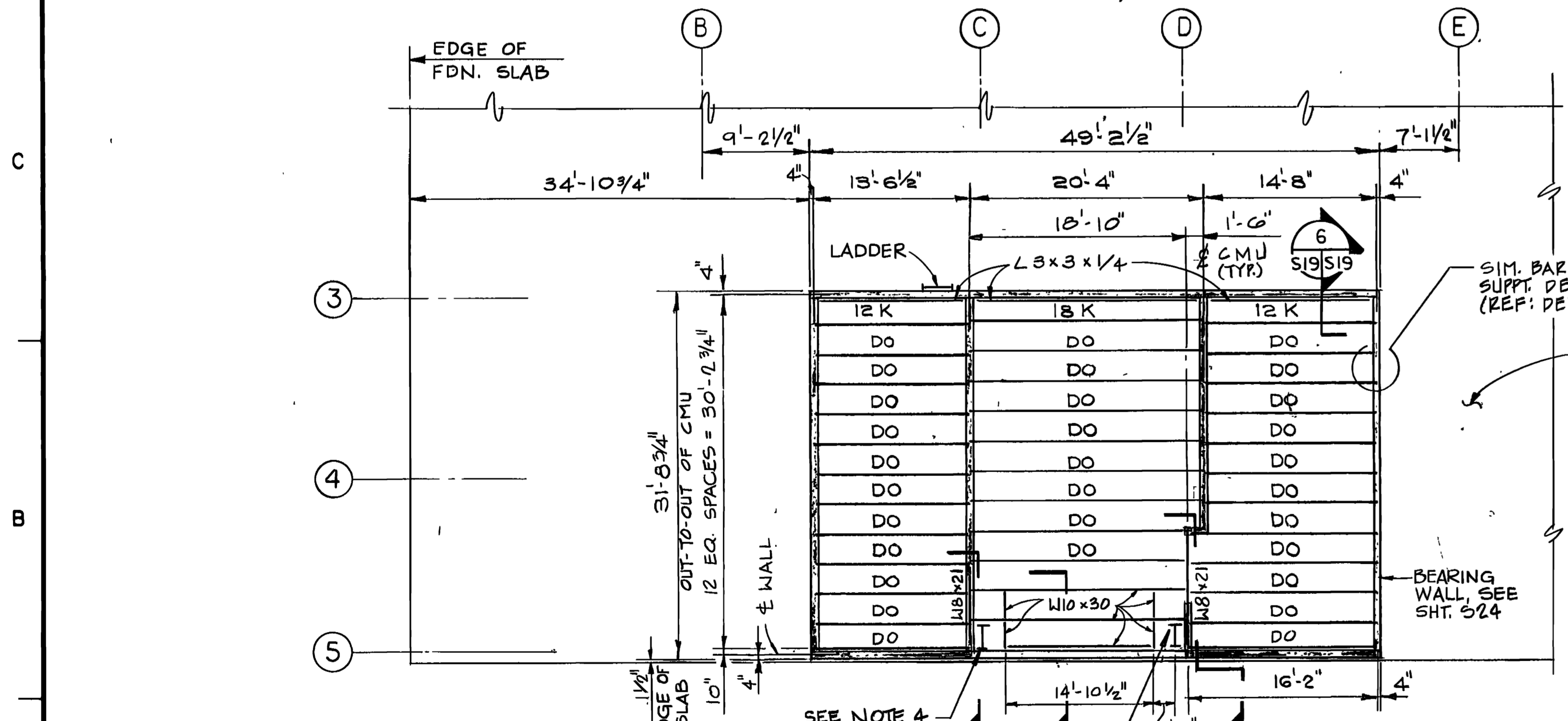
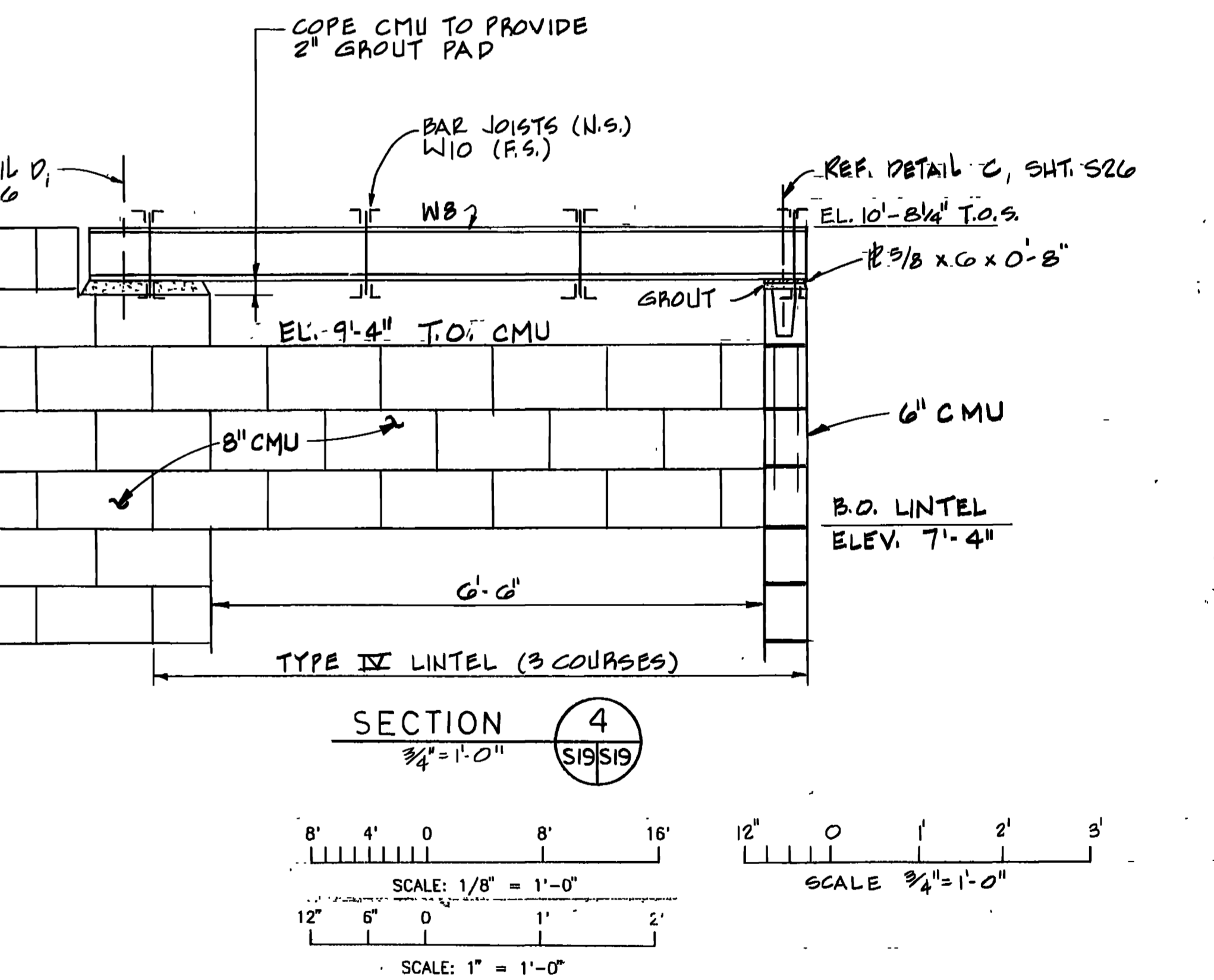
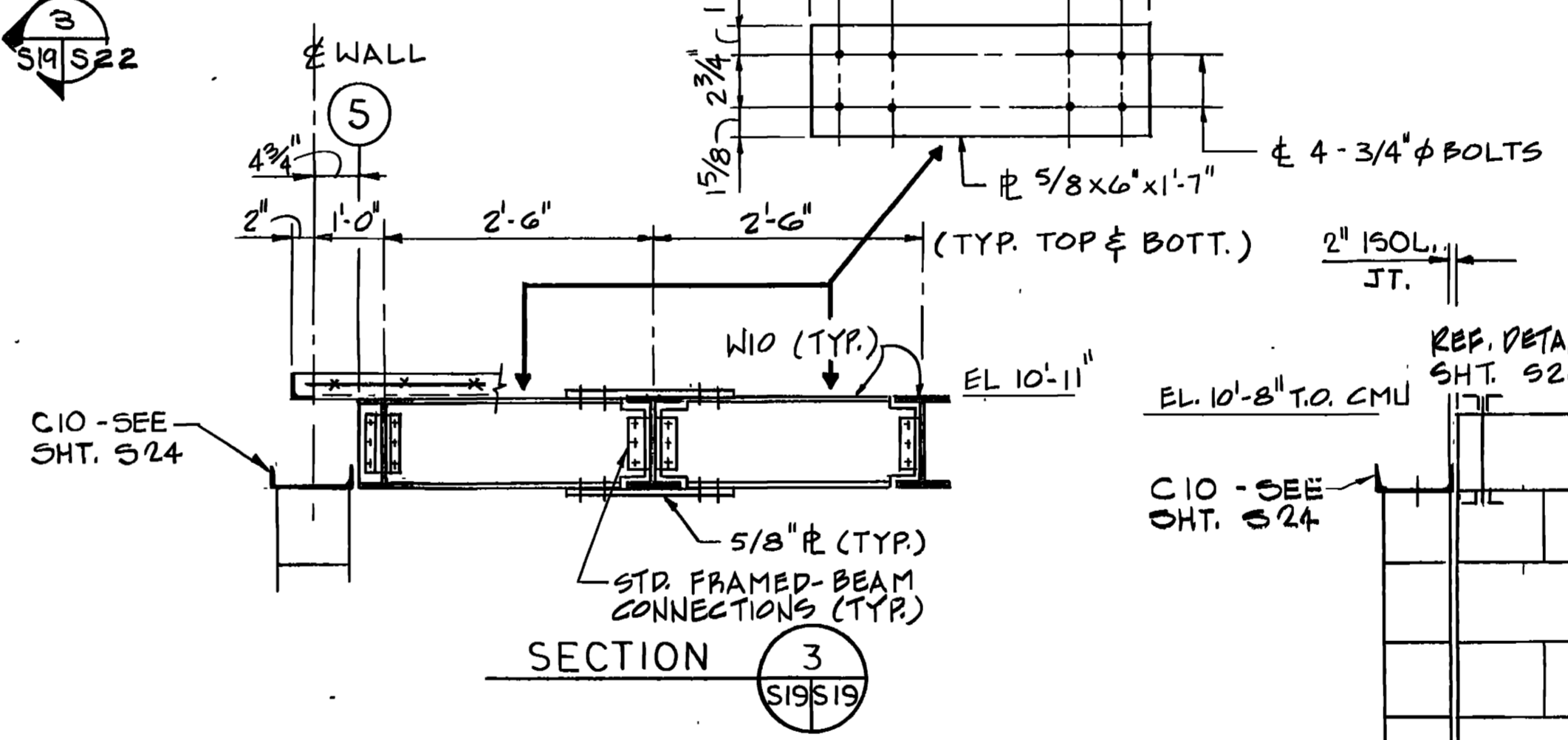
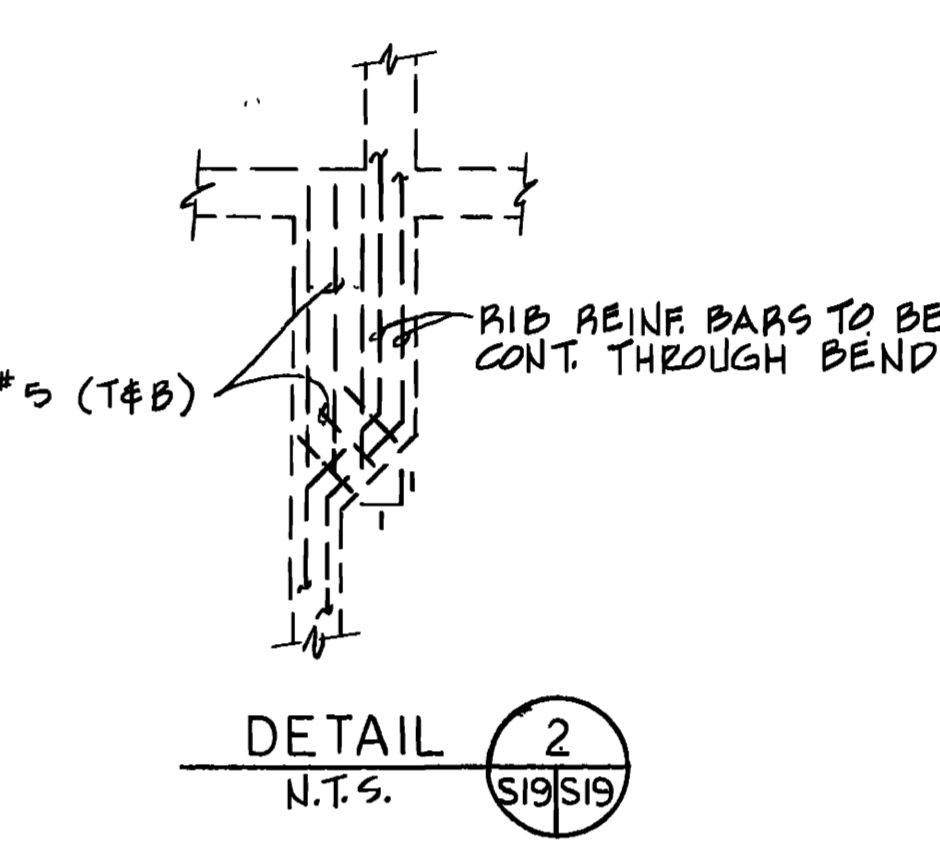
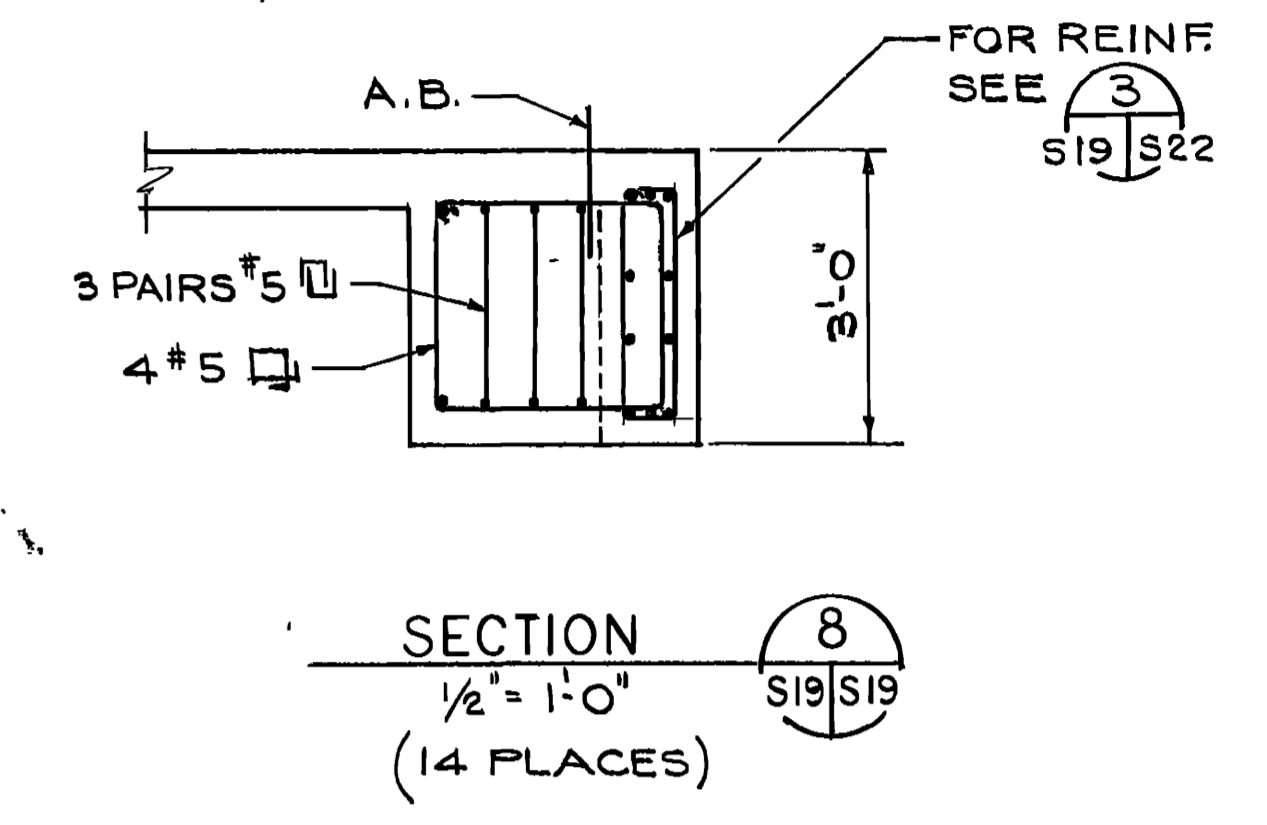
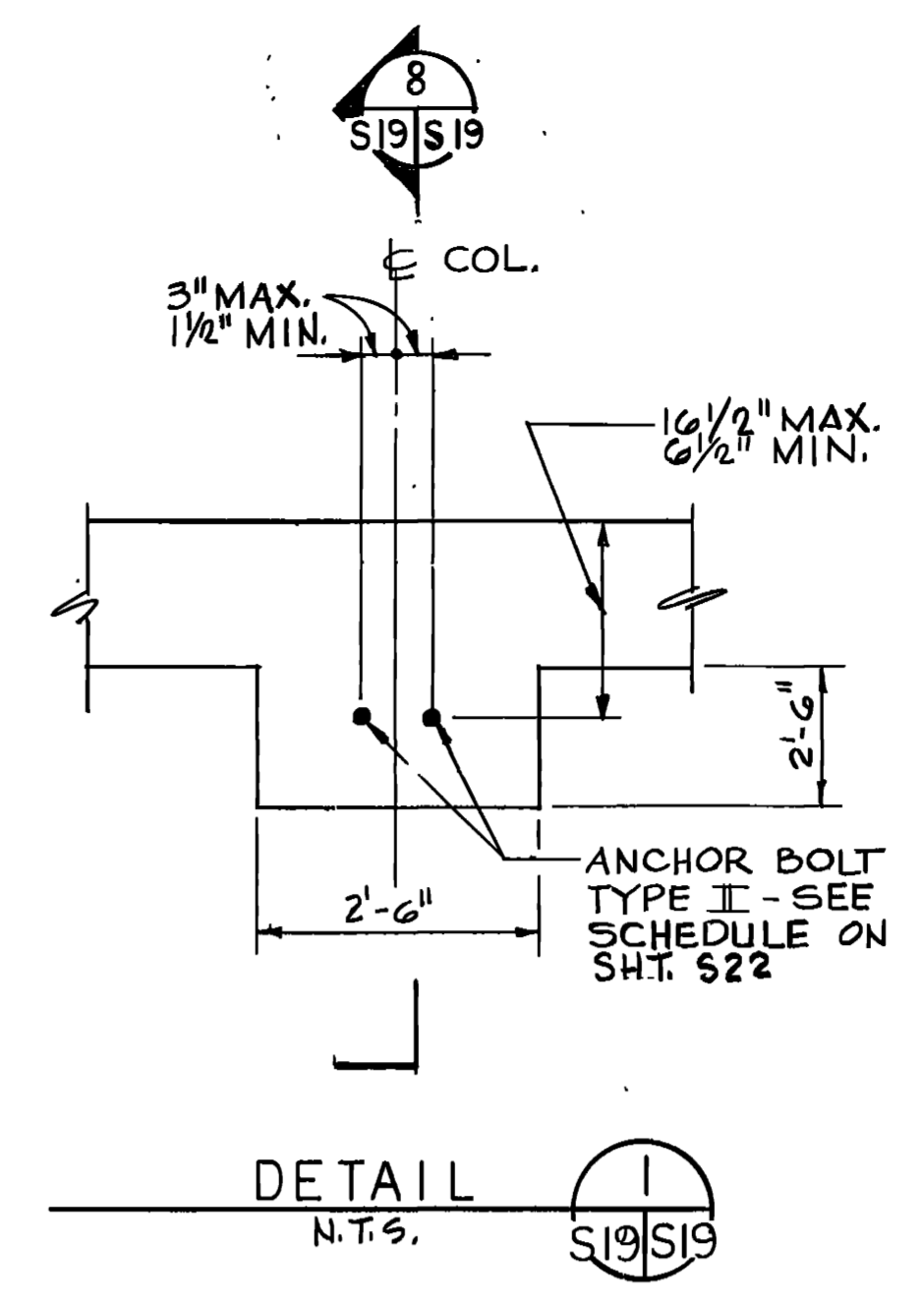
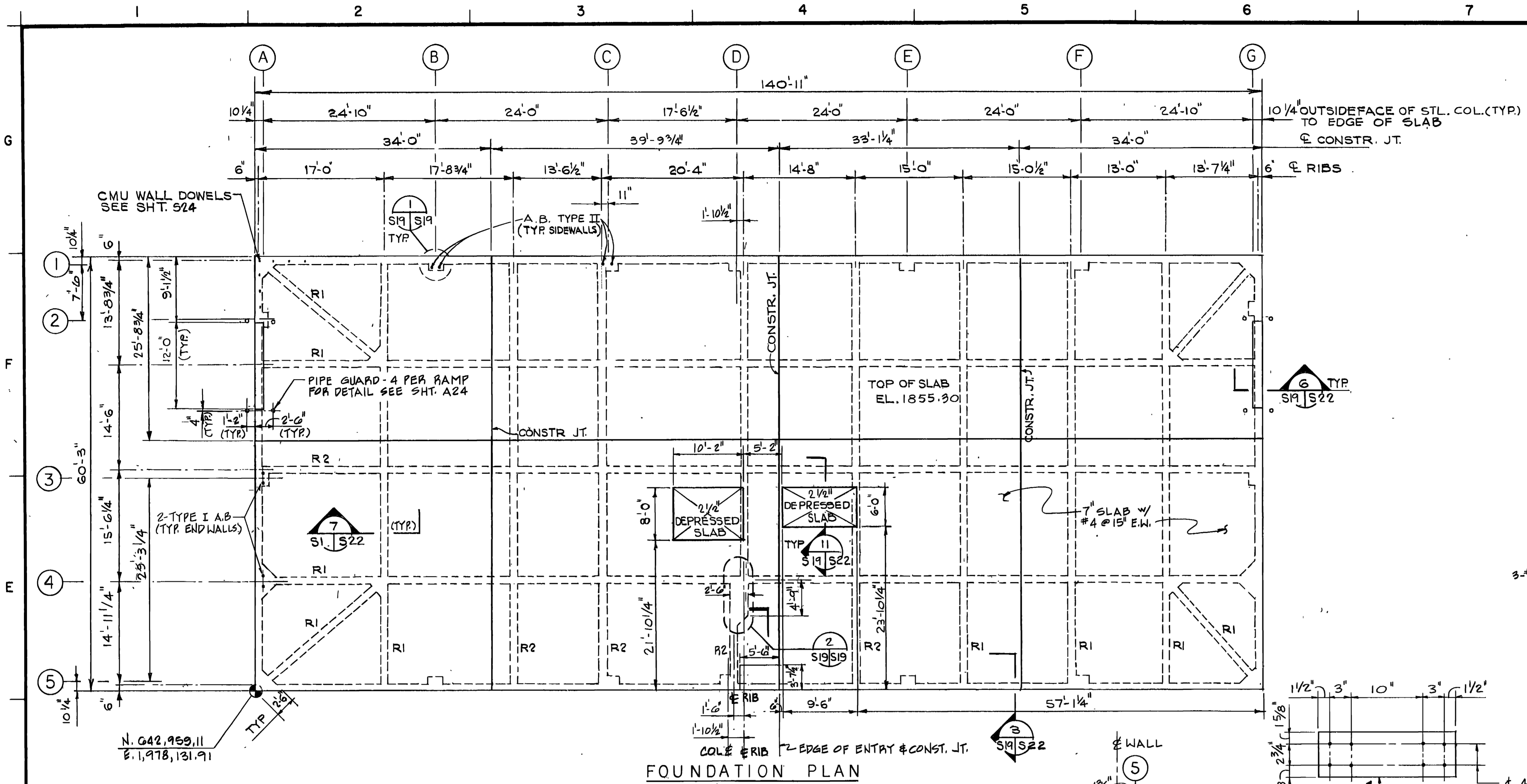
|                |  |              |  |
|----------------|--|--------------|--|
| NO.            | AM#0004  | 3 AUG 92     | REMOVED FUELS BAY & ADDED BRIDGE CRANE |
| NO.            | AM#0004  | 4 JUN 90     | REVISED TO REFLECT W. I. CHANGE        |
| NO.            | AM#0004  | 1 JUN 89     | REVISION                               |
| DESIGNED BY:   | WALK, HAYDEL & ASSOC. INC. U.S. ARMY ENGINEER DISTRICT, FORT WORTH |              |  |
| DESIGNED BY:   | S.M.S. GOODFELLOW AIR FORCE BASE SAN ANGELO, TEXAS                 |              |  |
| DESIGNED BY:   | M.A.A. FIRE TRAINING COMPLEX                                       |              |  |
| DESIGNED BY:   | M.V.C. 2nd. FLOOR PLAN, SECTIONS & DETAILS                         |              |  |
| DESIGNED BY:   | M.V.C. VEHICLE MAINTENANCE FACILITY                                |              |  |
| CONTR. NO.     | DACAGS-92-C-0155   | DATED:       | JUN. 1992                              |
| CONTR. NO.     | DACAGS-92-C-0155   | SEQUENCE NO. | 181                                    |
| DRAWING NUMBER | S18  | SHEET NO.    | 35                                     |





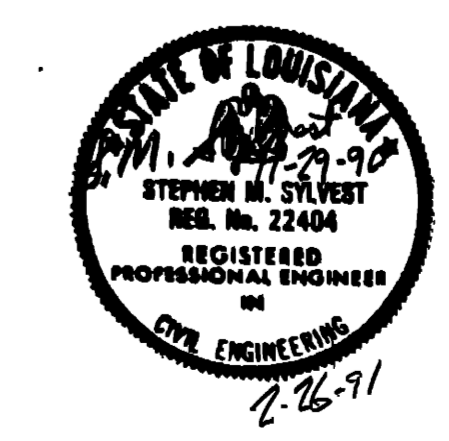
**NOTES**

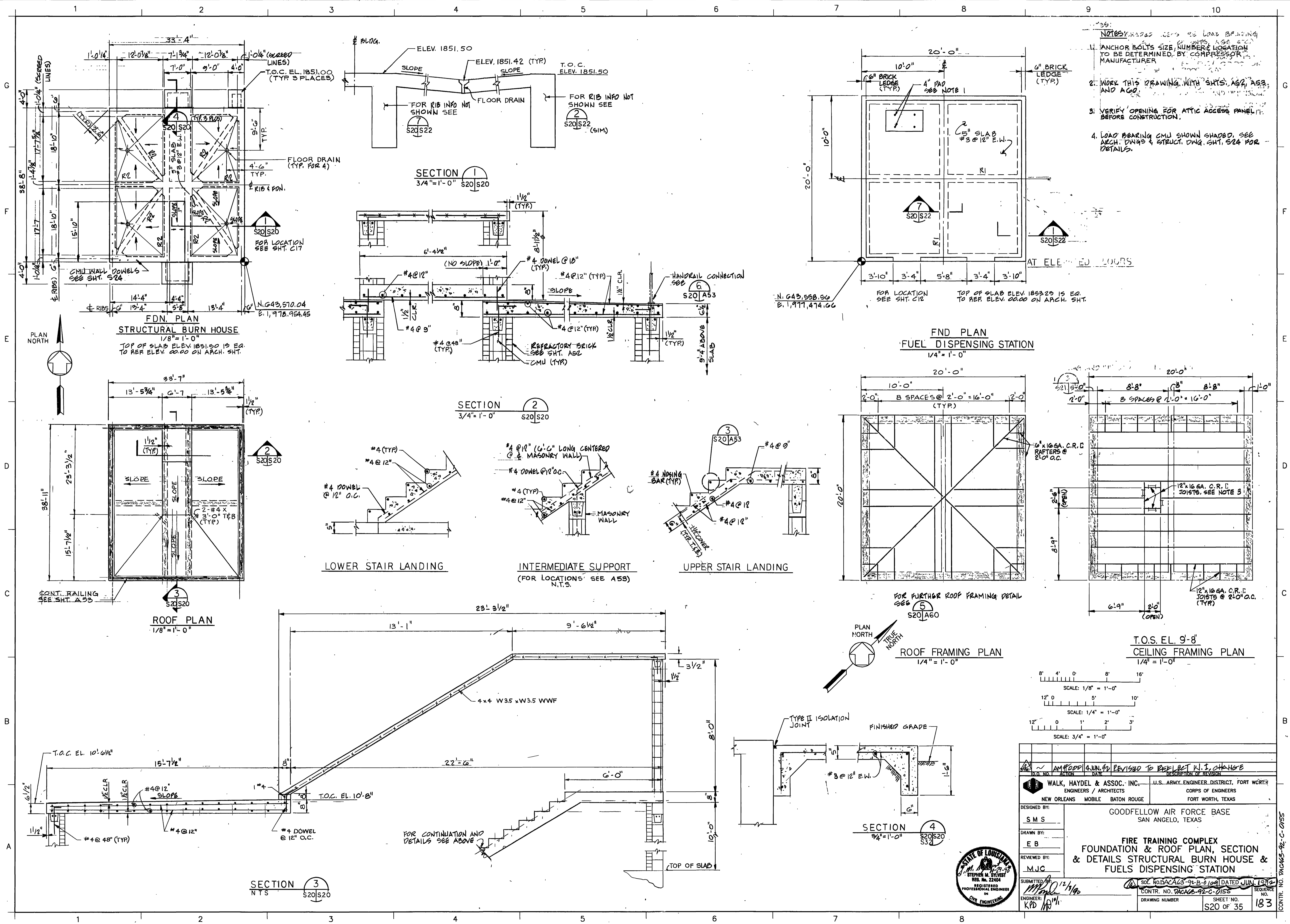
- 1) FOR GENERAL NOTES SEE SHT. S2
- 2) FOR LOCATION SEE SHT. C16
- 3) TOP OF SLAB ELEV. 1855.30 IS EQUAL TO REF. ELEV. 00.00 ON ARCH. SHT. & ROOF PLAN.
- 4) BLOCK OUT MEZZANINE SLAB AROUND BUILDING COLUMNS 2" CLEAR TYPICAL.



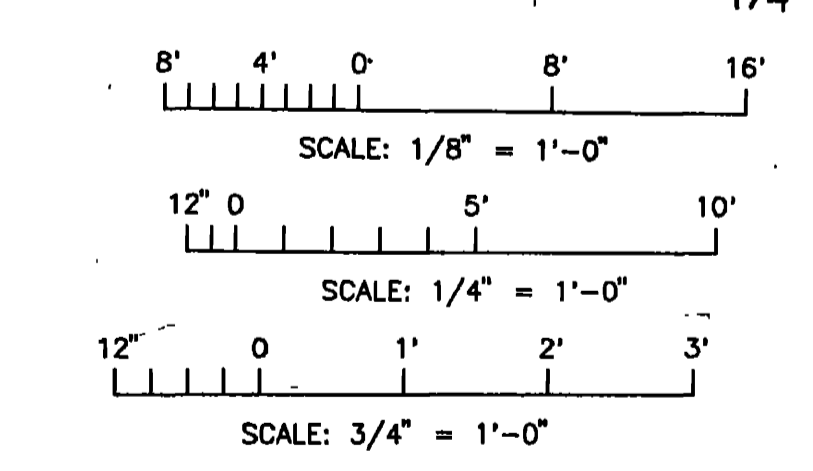
NOTE BRIDGING & METAL FORM DECKING NOT SHOWN FOR CLARITY.

|                             |   |  |
|-----------------------------|---|--|
| DESIGNED BY:<br>S.M.S.      | WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS/ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE  | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS |
| DRAWN BY:<br>M.A.A.         | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS  |  |
| REVIEWED BY:<br>E.L./J.E.K. | <b>FIRE TRAINING COMPLEX<br/>BID OPTION NO. 1<br/>FOUNDATION &amp; MEZZANINE PLAN, SECTIONS<br/>&amp; DETAILS TRAINER SERVICES FACILITY</b> |  |
| DATE:<br>4/11/92            | CONTR. NO. DAAC63-92-C-0155   | SEQUENCE NO.<br>S19 OF 35  |
| ENGINEER:<br>K.P.D.         | DRAWING NUMBER<br>S19   | SHEET NO.<br>182   |

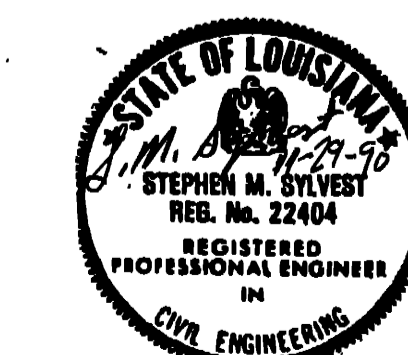




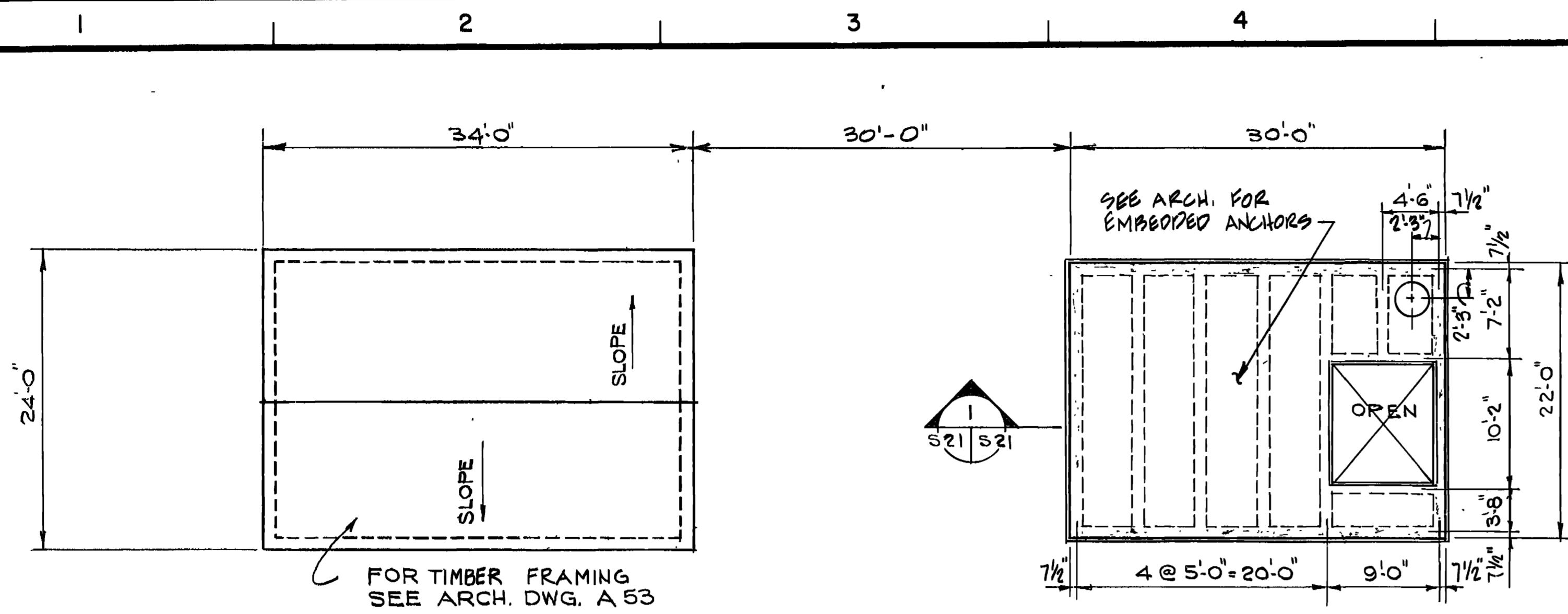
- NOTES:
- ANCHOR BOLTS SIZE, NUMBER, LOCATION TO BE DETERMINED BY COMPRESSOR MANUFACTURER.
  - WORK THIS DRAWING WITH SHTS. A53, A54, AND A55.
  - VERIFY OPENING FOR ATTIC ACCESS PANEL BEFORE CONSTRUCTION.
  - LOAD BEARING CMU SHOWN SHAPED. SEE ARCH. DWGS & STRUCT. DWG. SH. 524 FOR DETAILS.



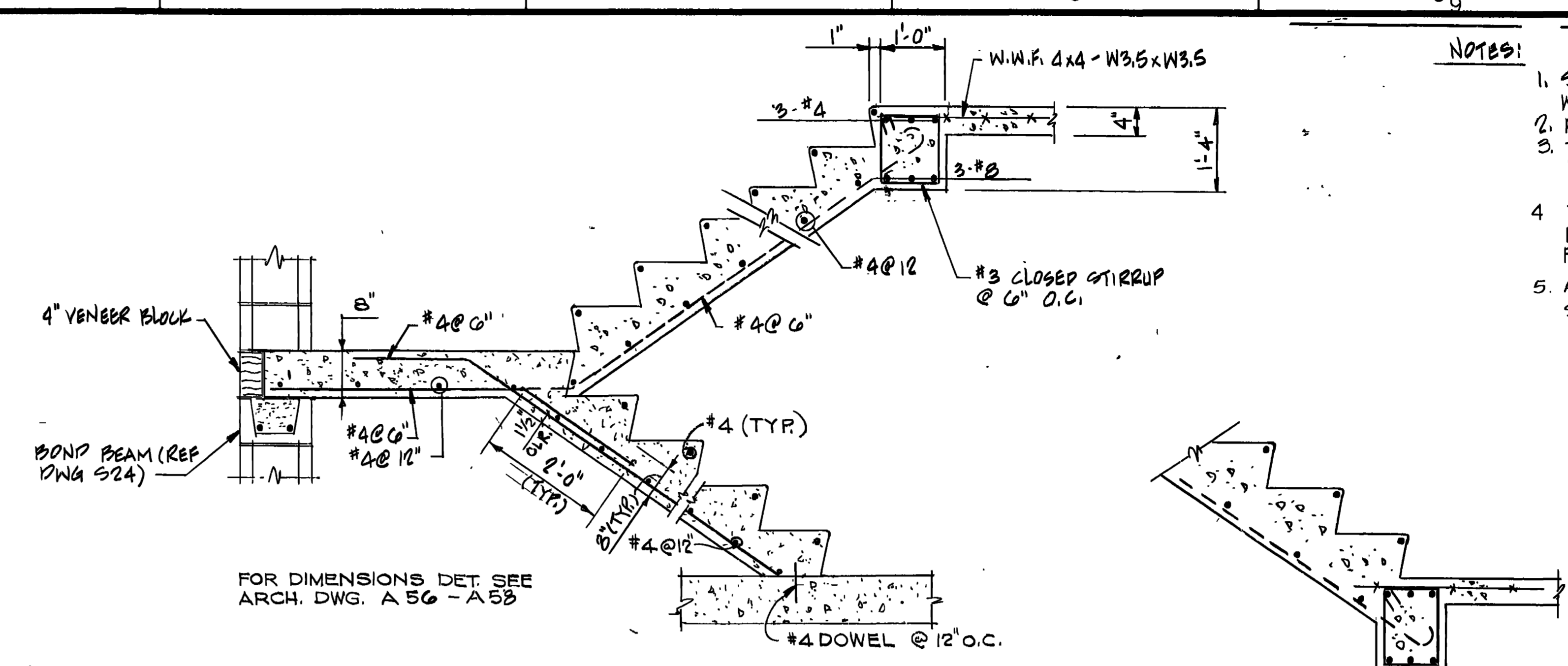
|  |                        |
|--|------------------------|
| AM 1000 JUN 90 REVISED TO REFLECT K.I. CHANGE<br>WALK, HAYDEL & ASSOC., INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE<br>U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS |                        |
| DESIGNED BY:   | SMS                    |
| DRAWN BY:  | EB                     |
| REVIEWED BY:   | MJC                    |
| SUBMITTED:   | 12/1/90                |
| ENGINEER:  | KPD                    |
| GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS<br>FIRE TRAINING COMPLEX<br>FOUNDATION & ROOF PLAN, SECTION<br>& FUELS DISPENSING STATION   |                        |
| SO. NO. 262-92-B-0124 DATED JUN 1992<br>CONTR. NO. DACW-92-C-0155<br>DRAWING NUMBER  | SHEET NO.<br>S20 OF 35 |
| 183  |                        |



CONTR. NO. DACW-92-C-0155

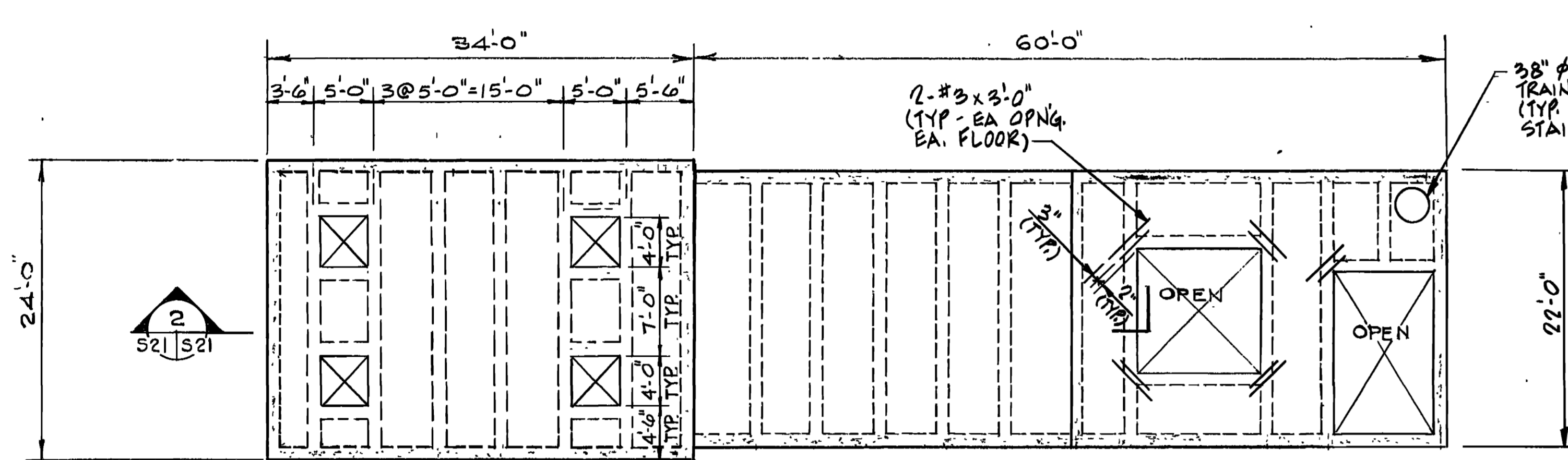


ROOF PLAN

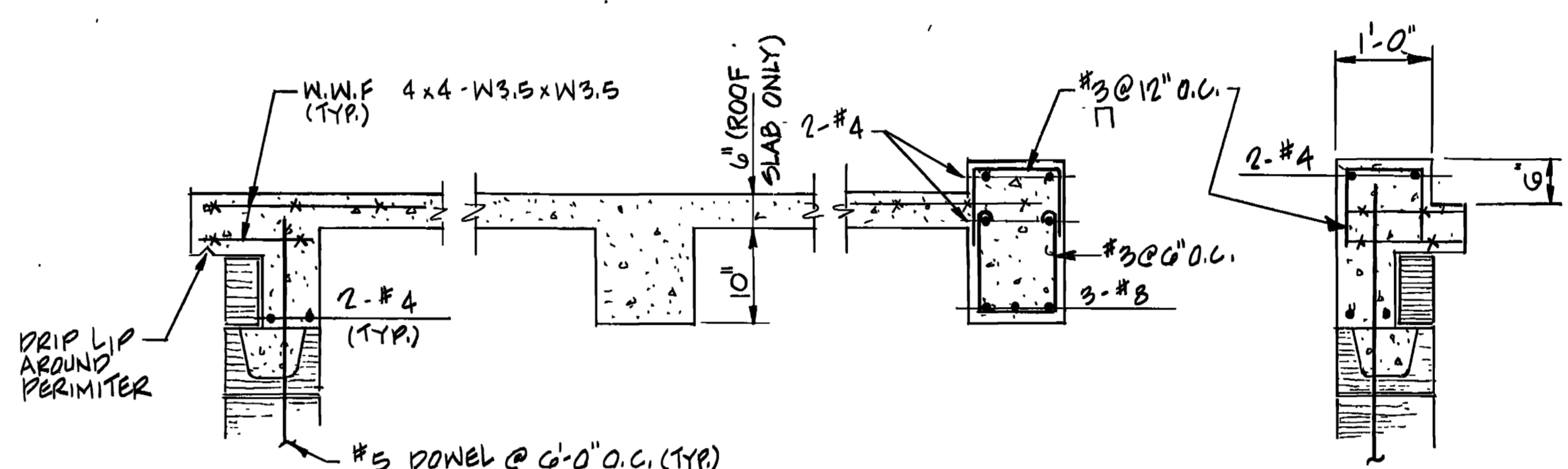


STAIRS REINFORCING DET.

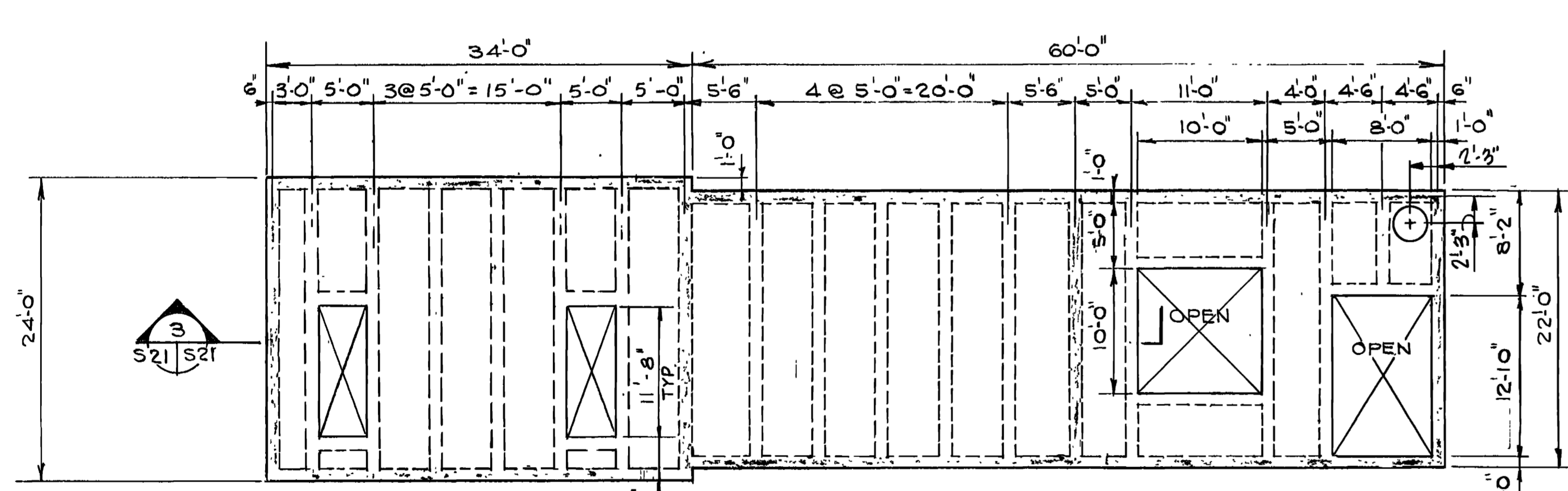
LANDING AT ELEVATED FLOORS



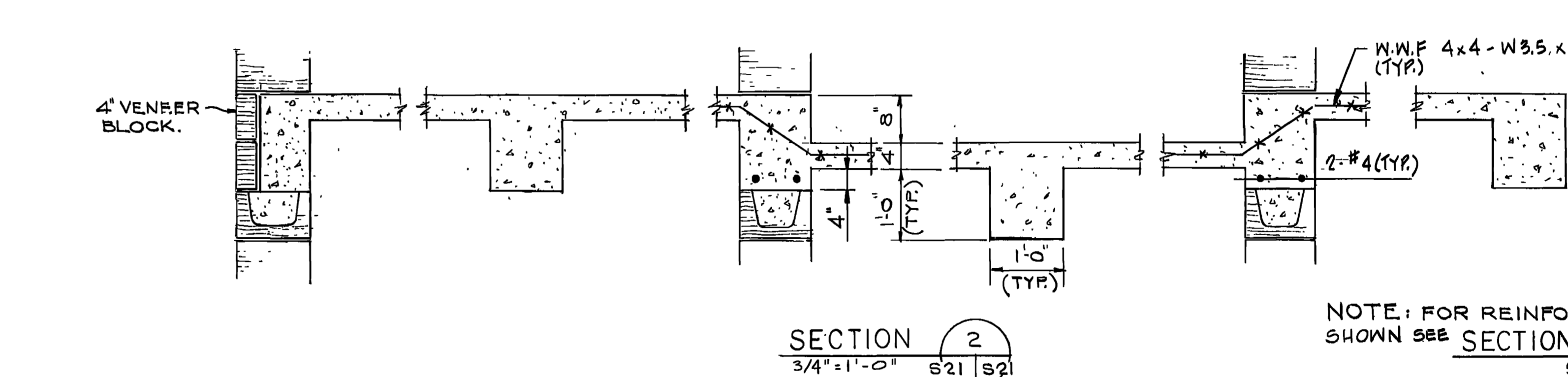
THIRD FLOOR PLAN



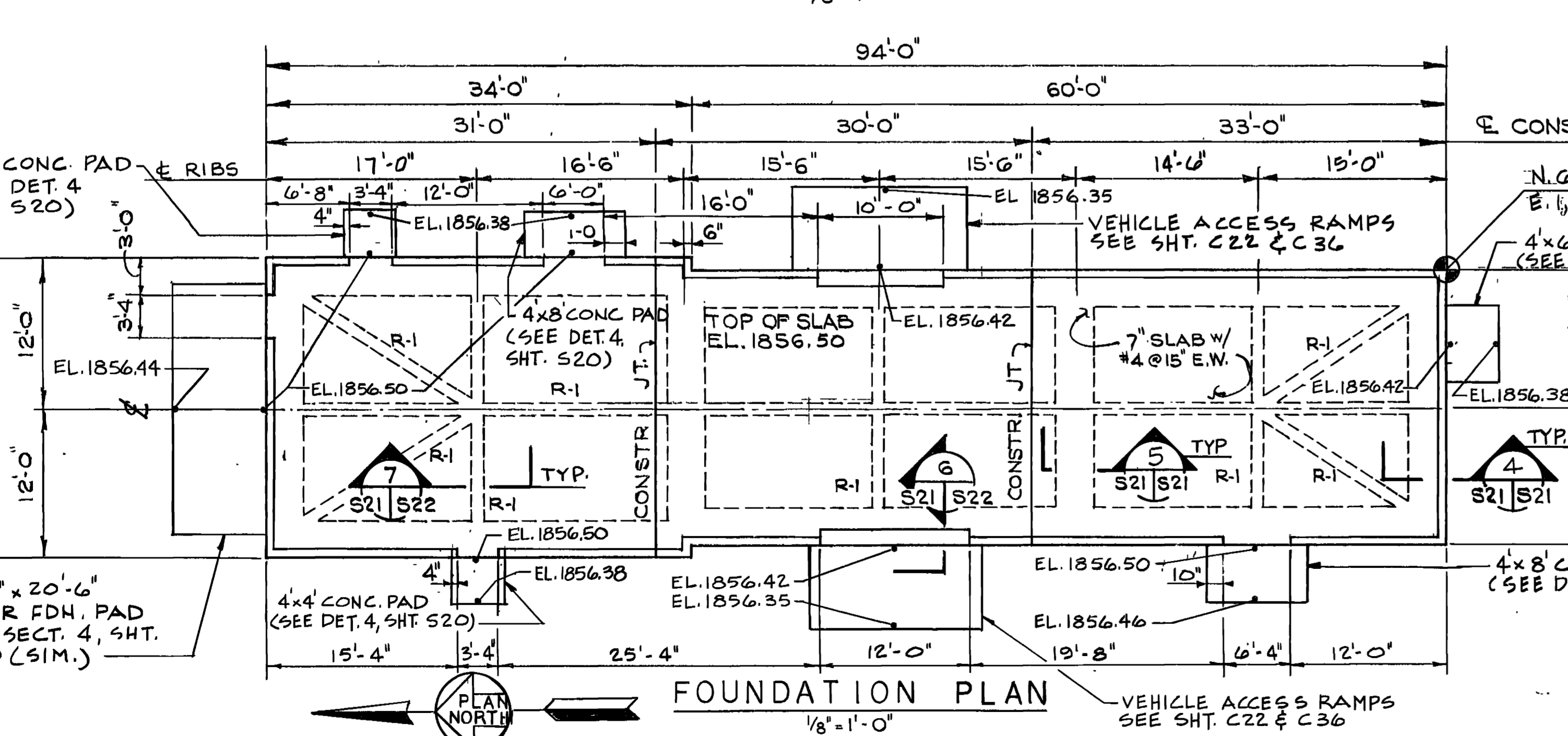
SECTION 1



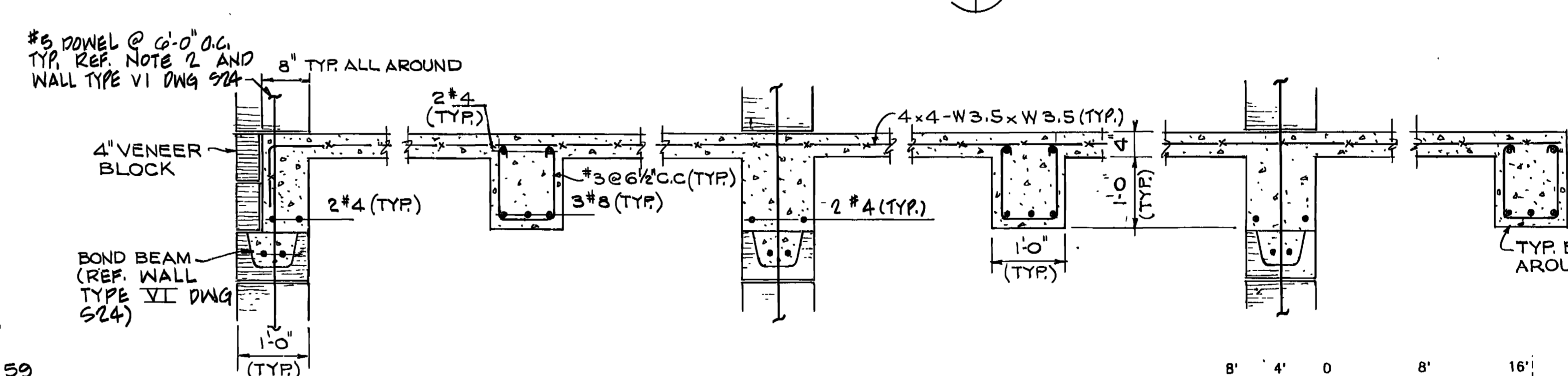
SECOND FLOOR PLAN



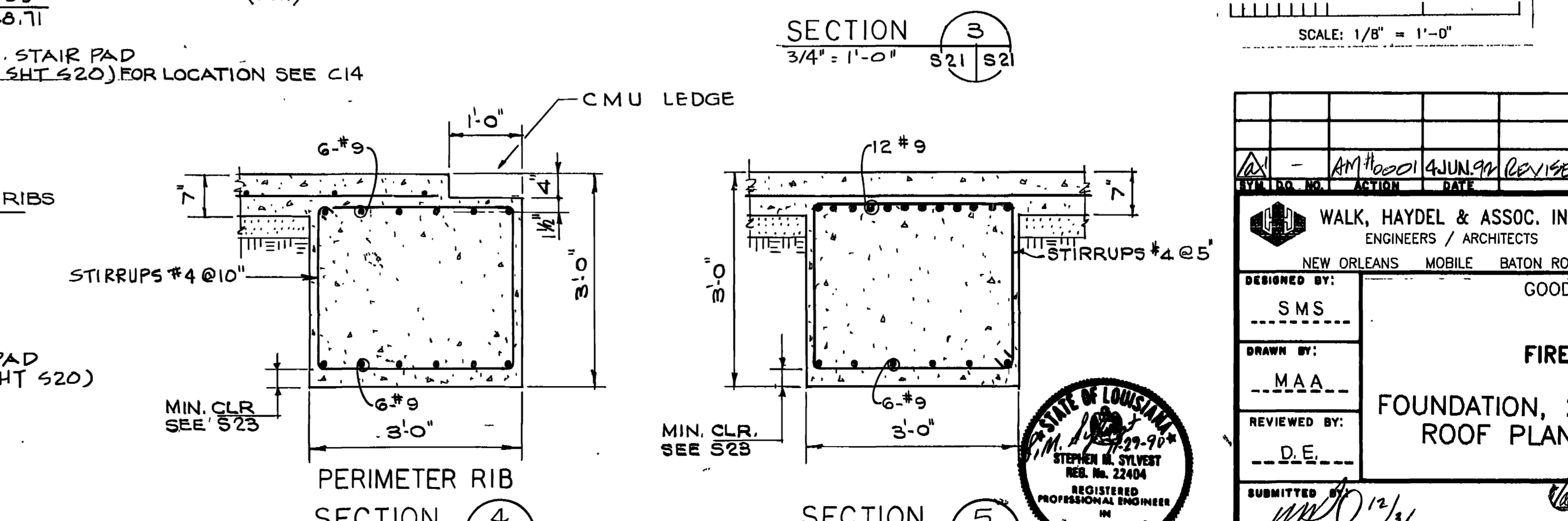
SECTION 2



FOUNDATION PLAN



SECTION 3

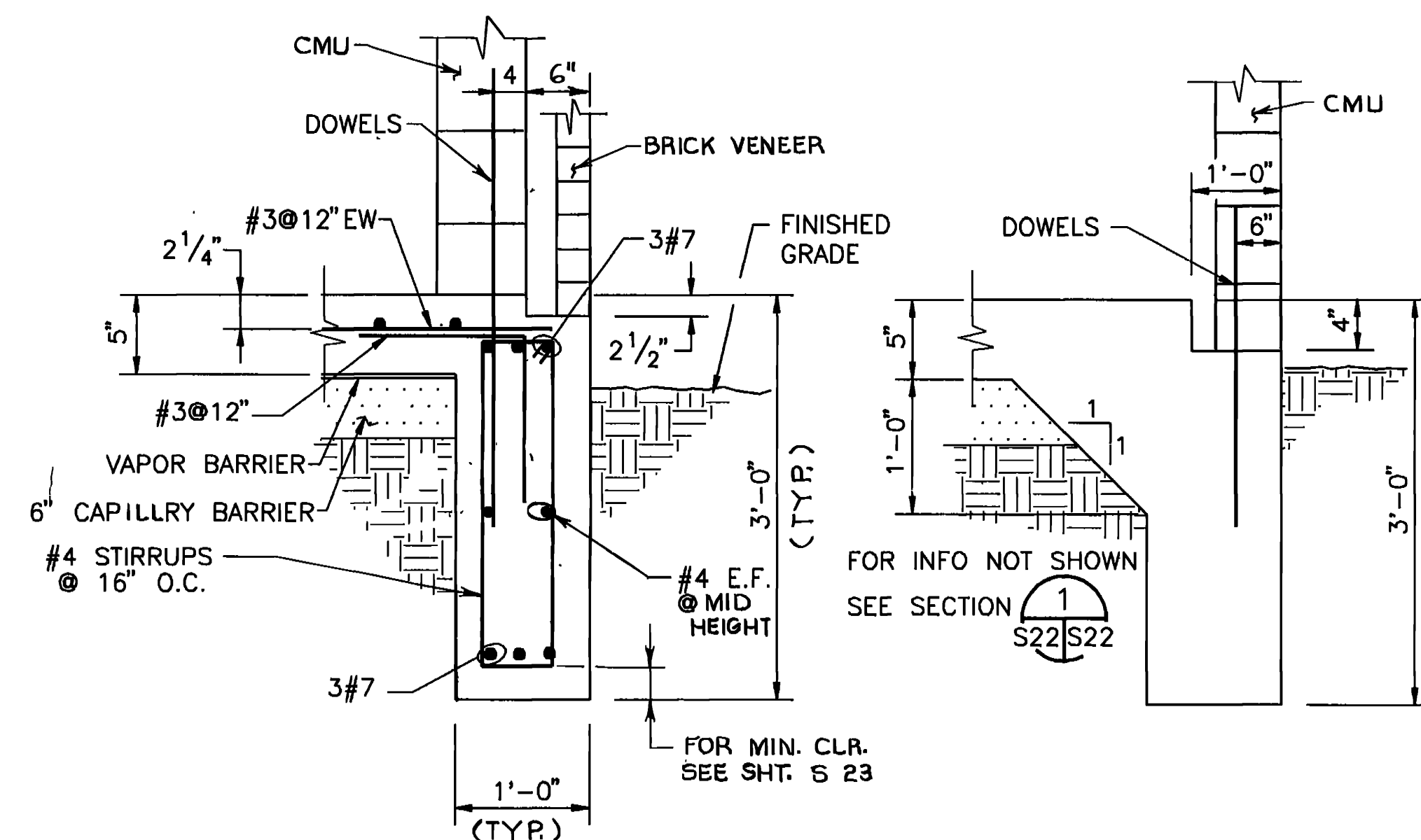


SECTION 4

SECTION 5

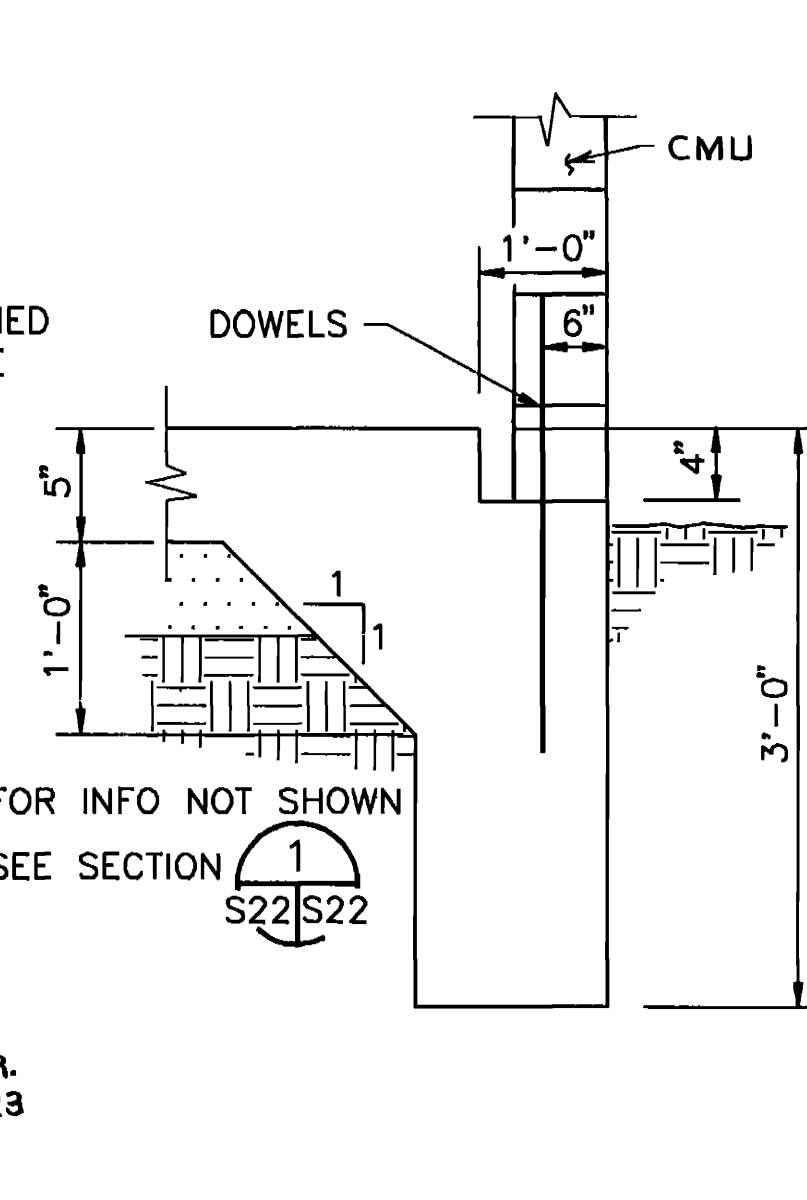
- NOTES:
1. SHADED AREAS ARE LOAD BEARING WALLS (SEE ARCH. SHTS. A 54, ETC.)
  2. FOR WALL REINF. SEE SHT. S 24
  3. TOP OF SLAB ELEV. 1856.50 IS EQUAL TO REF. ELEV. 00.00 ON ARCH. SHT. & ROOF PLAN.
  4. TYPICAL LANDING FOR STAIRS OR BUILDING OPENINGS. SEE ARCH. DWGS. FOR EXACT LOCATION AND DIMENSIONS.
  5. ALL CONCRETE SLABS ABOVE GRADE SHALL BE LIGHT WEIGHT CONCRETE.

|  |                            |  |   |
|--|----------------------------|--|---|
| WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE |                            | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS |   |
| GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS   |                            |  |   |
| <b>FIRE TRAINING COMPLEX</b>   |                            |  |   |
| <b>FOUNDATION, 2nd. FLOOR, 3rd. FLOOR &amp; ROOF PLANS, SECTIONS &amp; DETAILS</b>     |                            |  |   |
| <b>DRILL TOWER</b>   |                            |  |   |
| DESIGNED BY:<br>S.M.S.<br>DRAWN BY:<br>M.A.A.<br>REVIEWED BY:<br>D.E.                  | SUBMITTED:<br>K.D. 12/1/82 | SOL. NO. DACAB-92-C-0155<br>CONTR. NO. DACAB-92-C-0155                             | DATED: JUN. 1972<br>SEQUENCE NO. 184<br>SHEET NO. S21 OF 35 |



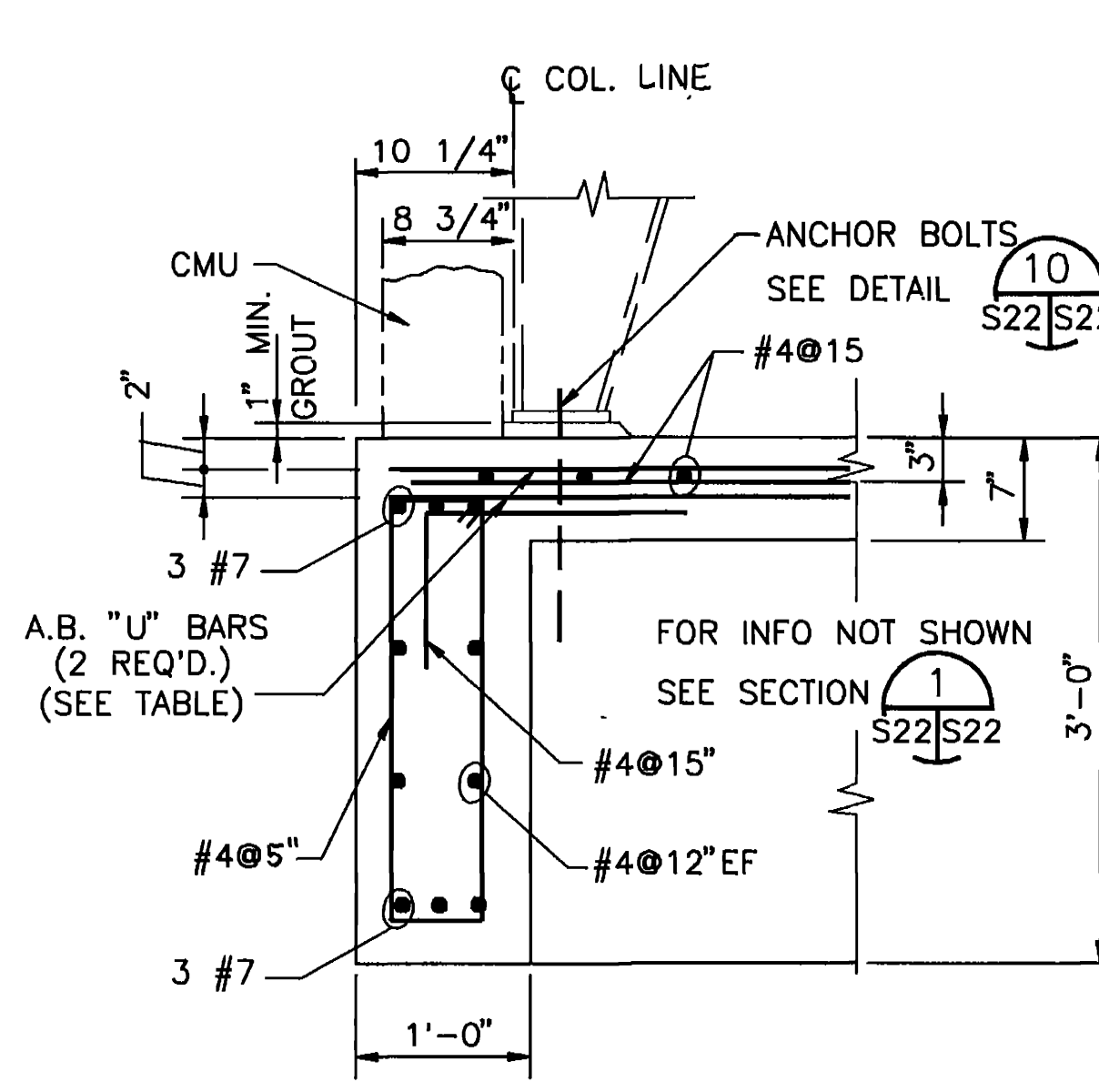
FOR BRICK BUILDING

SECTION 1  
S2 S22  
S6  
S7  
S8  
S20  
S22  
S35



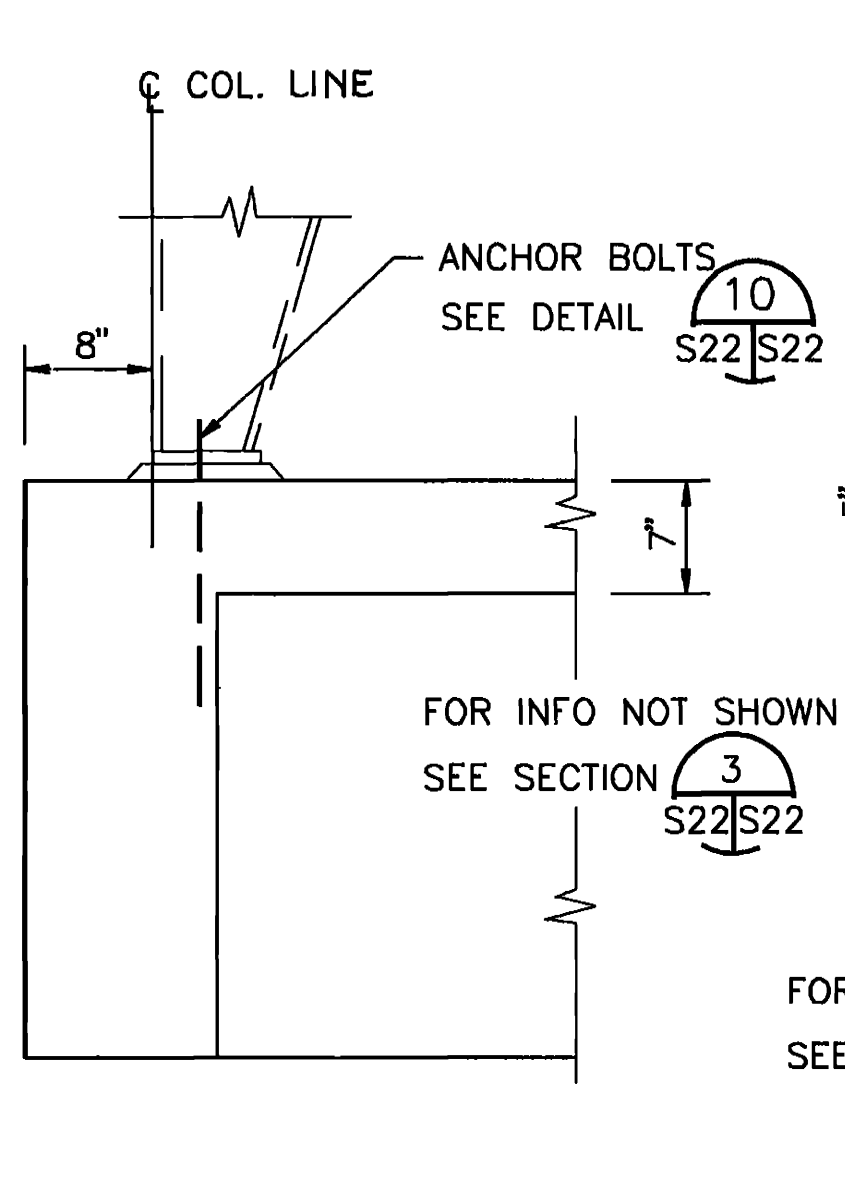
C.M.U. BUILDING

SECTION 2  
(SIM) S11 S22  
S20



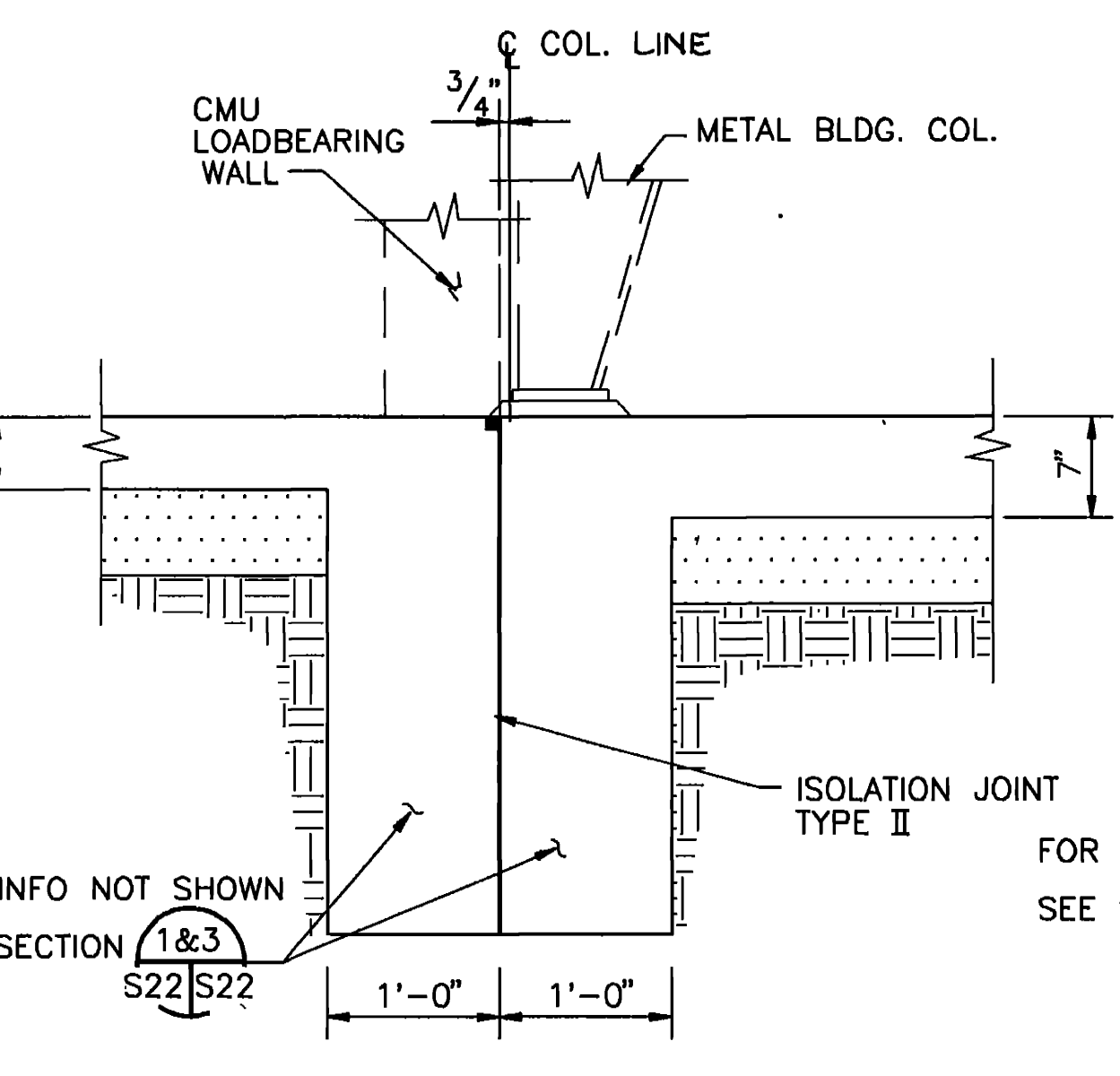
FOR METAL BUILDING w/CMU AND/OR METAL SIDING

SECTION 3  
S5 S22  
S6



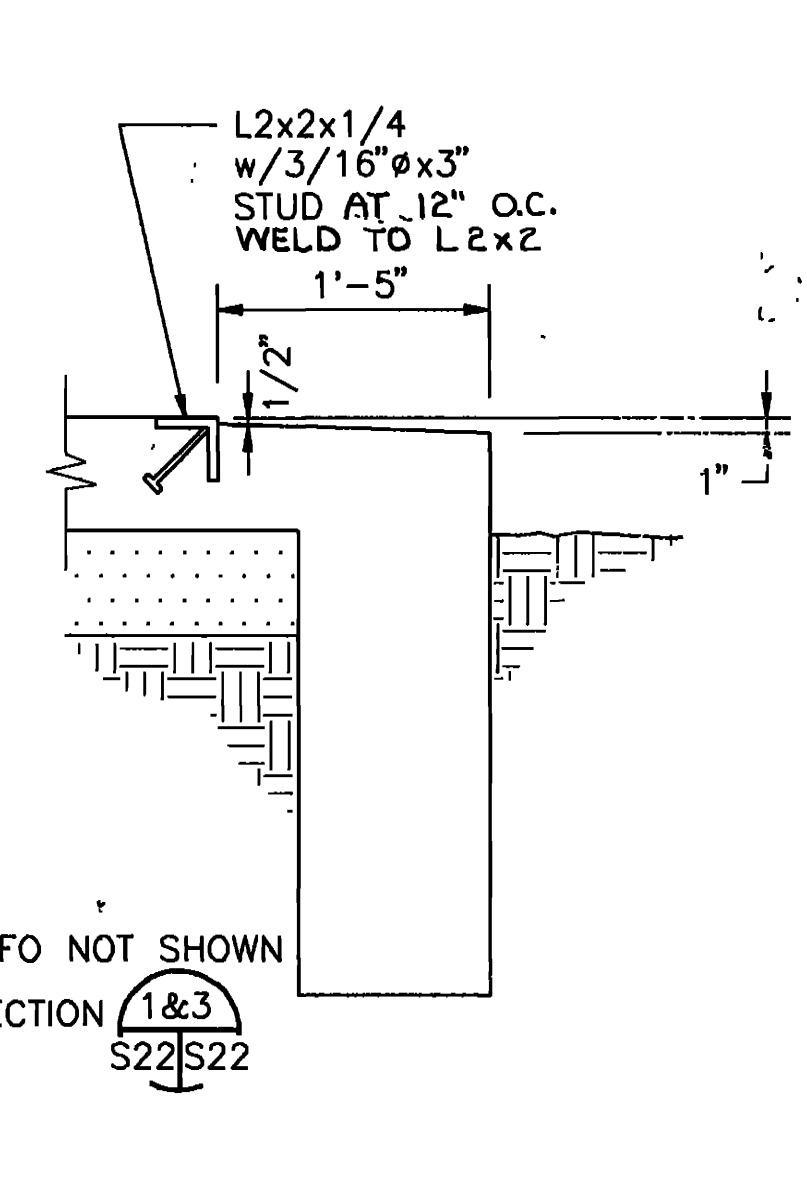
FOR METAL BUILDING w/o CMU SIDING

SECTION 4  
S32 S22

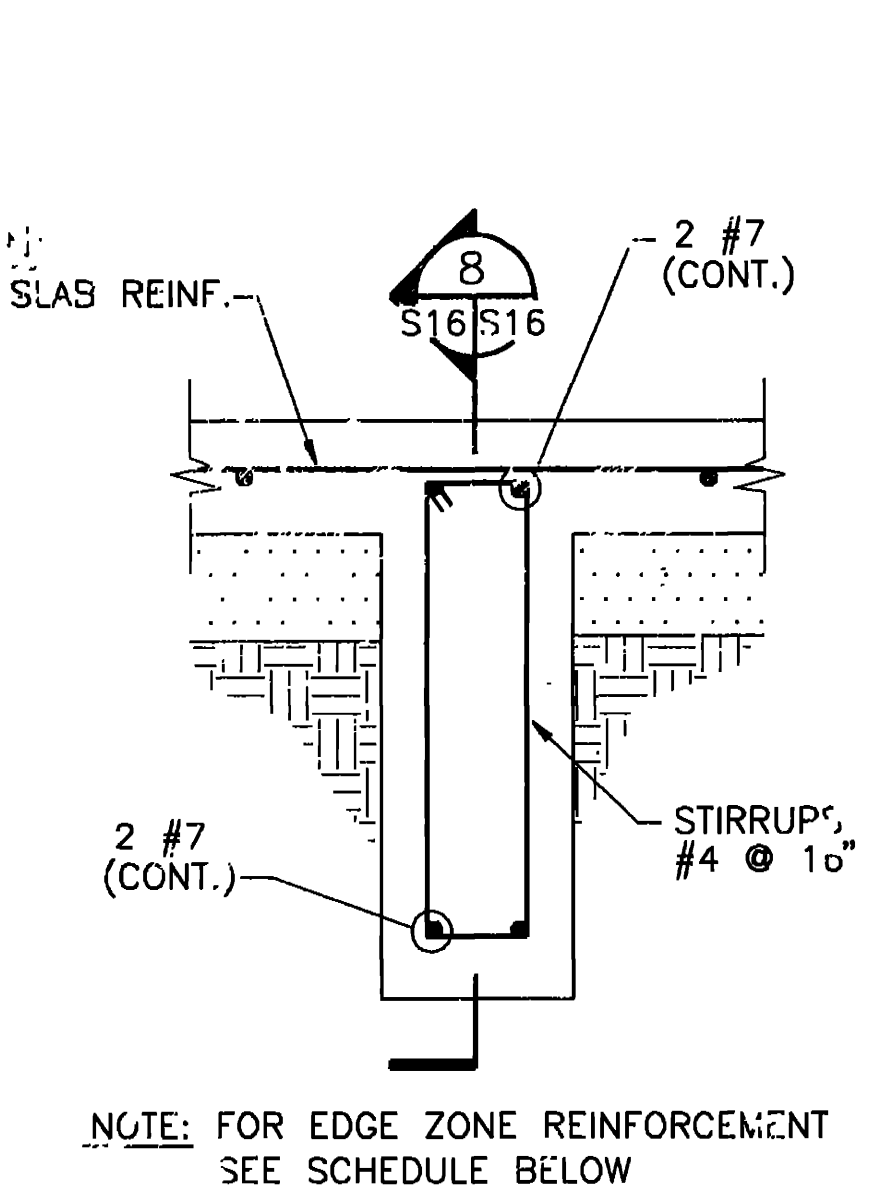


@ ROLL UP DOOR

SECTION 5  
S2 S22  
S8



SECTION 6  
S2 S22  
S5  
S6  
S7

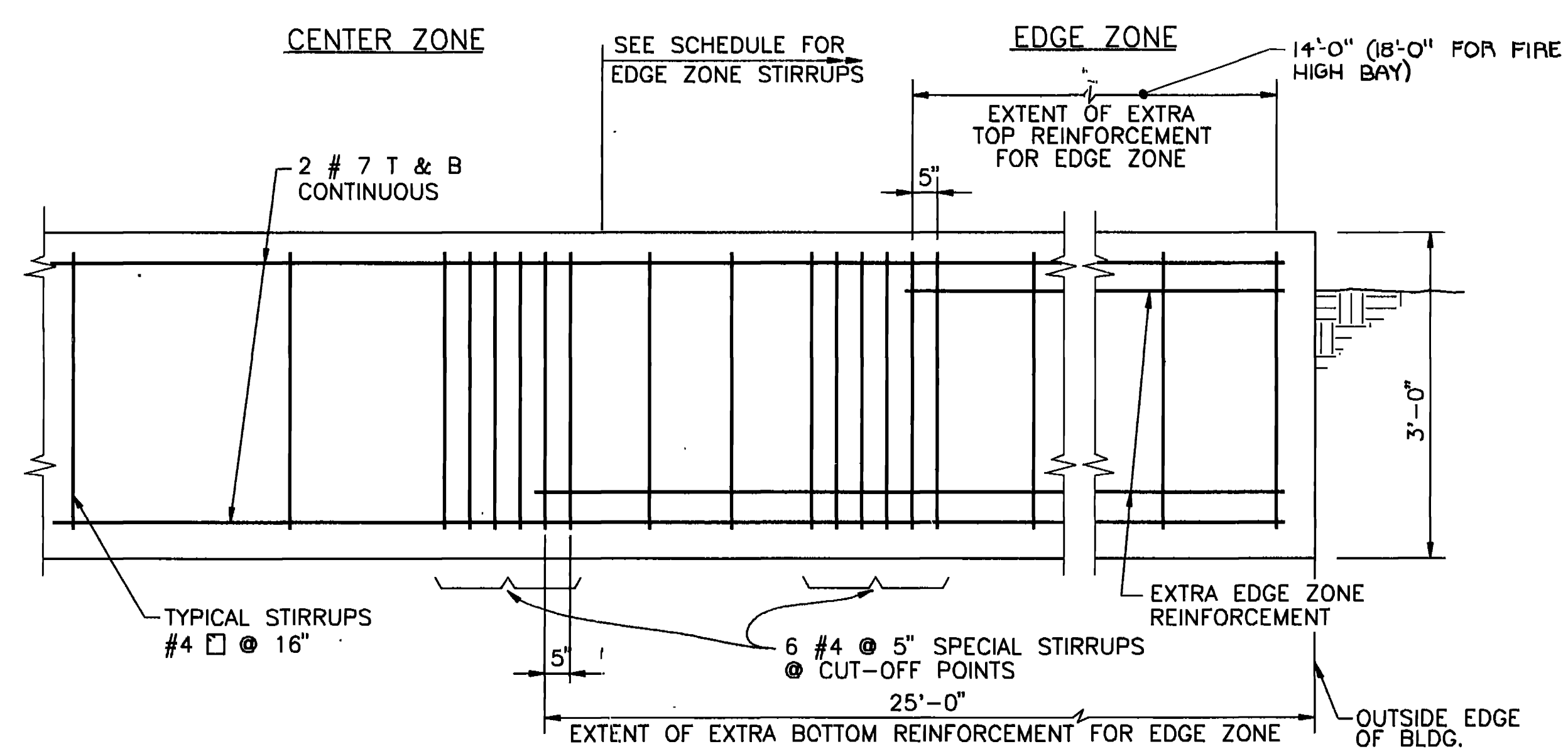


NOTE: FOR EDGE ZONE REINFORCEMENT SEE SCHEDULE BELOW

SECTION 7  
S2 S22  
S5  
S6  
S7  
S8, S20

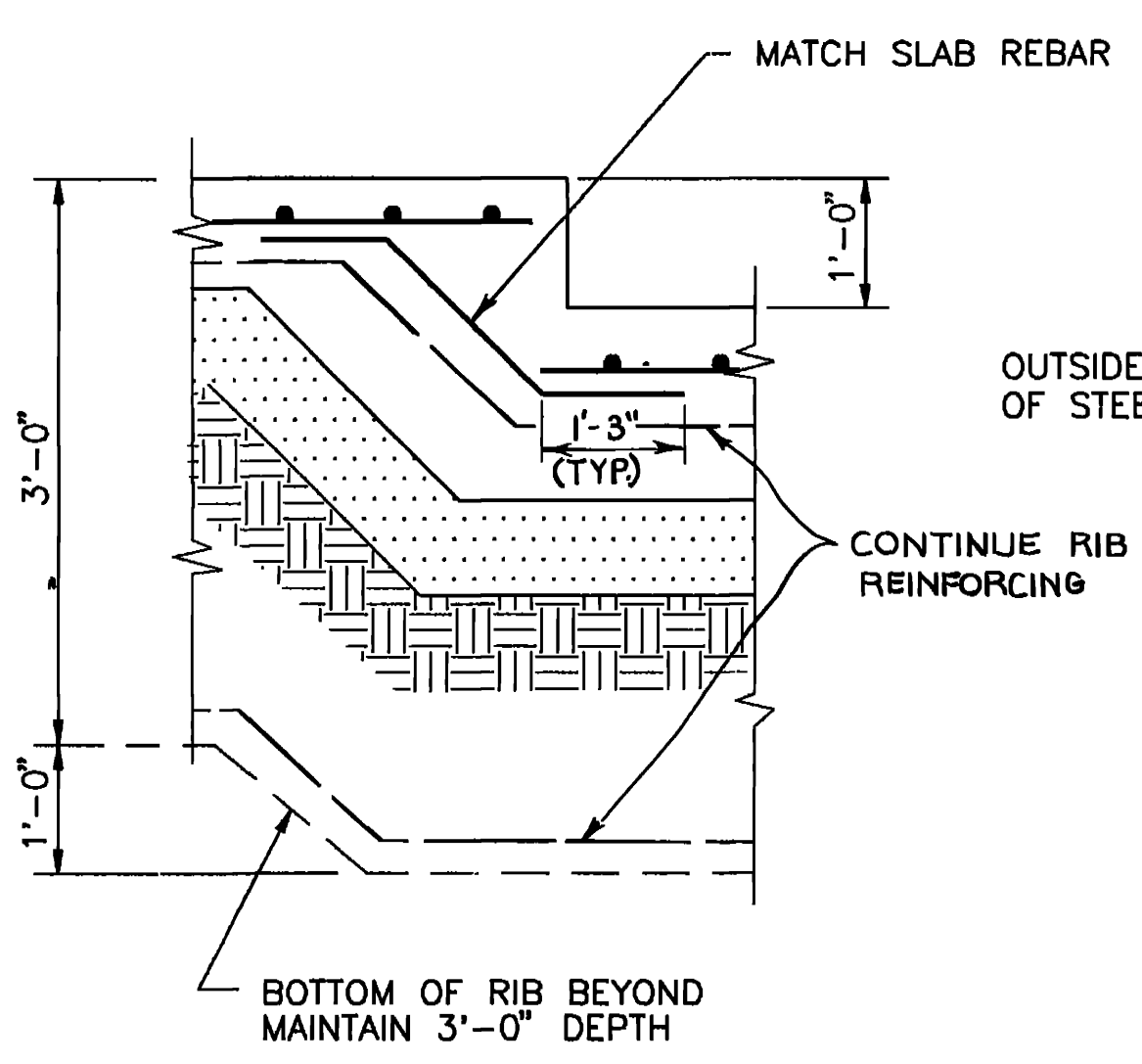
TYPICAL PERIMETER RIBS

TYPICAL INTERIOR RIBS R1, R2 & R3

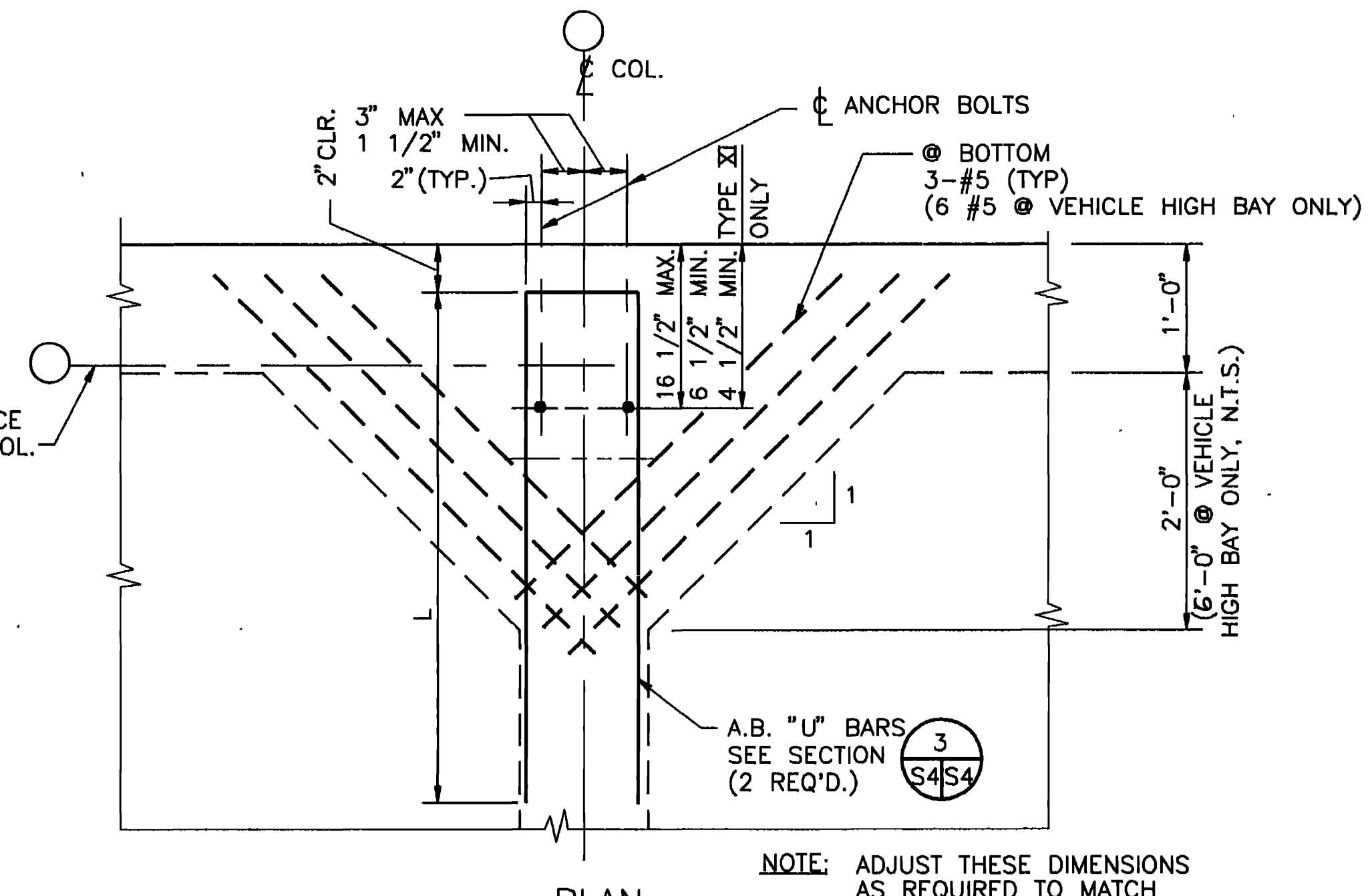


SIDE VIEW OF TYPICAL INTERIOR RIB SHOWING CUT OFF POINT OF EXTRA EDGE ZONE REINFORCEMENT

SECTION 8  
N.T.S. S22 S22



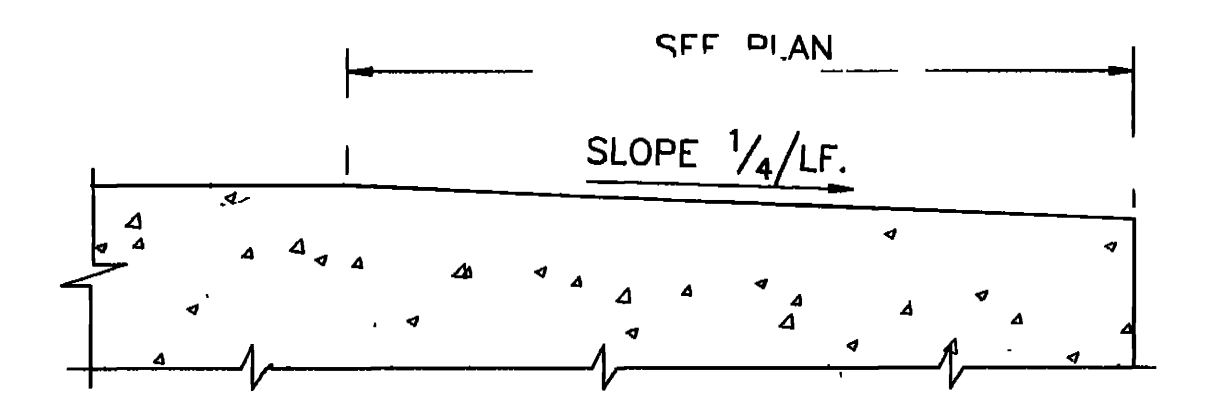
SECTION 9  
S7 S22



DETAIL 10  
S5 S22  
S6  
S9

|           | EDGE ZONE REINFORCEMENT SCHEDULE |           |                       |           |              |           |
|-----------|----------------------------------|-----------|-----------------------|-----------|--------------|-----------|
|           | R1                               |           | R2                    |           | R3           |           |
|           | REINF.                           | PLACEMENT | REINF.                | PLACEMENT | REINF.       | PLACEMENT |
| TOP BARS  | 4 #7                             |           | 4 #7                  |           | 2 #7         |           |
| BOTT BARS | 4 #9<br>2 #7                     |           | 3 #10<br>4 #9<br>2 #7 |           | 4 #9<br>2 #7 |           |
| STIRRUP   | #4@12                            |           | #4@5                  |           | #4@4         |           |

NOTE: ○ = EXTRA EDGE ZONE REINFORCEMENT  
● = CONT. REINFORCEMENT

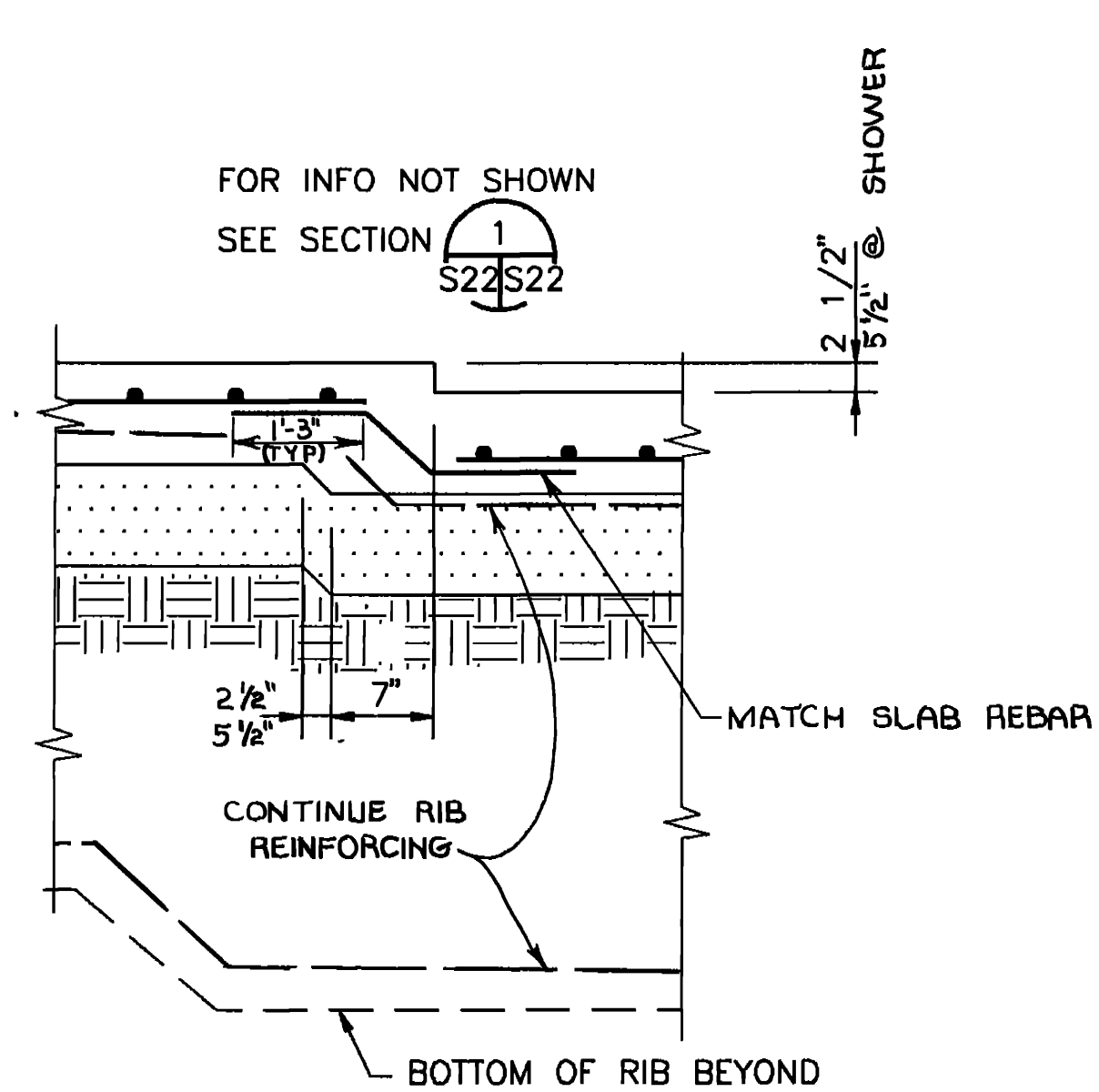


SECTION 13  
S2, S7, S8, S22  
S13, S19

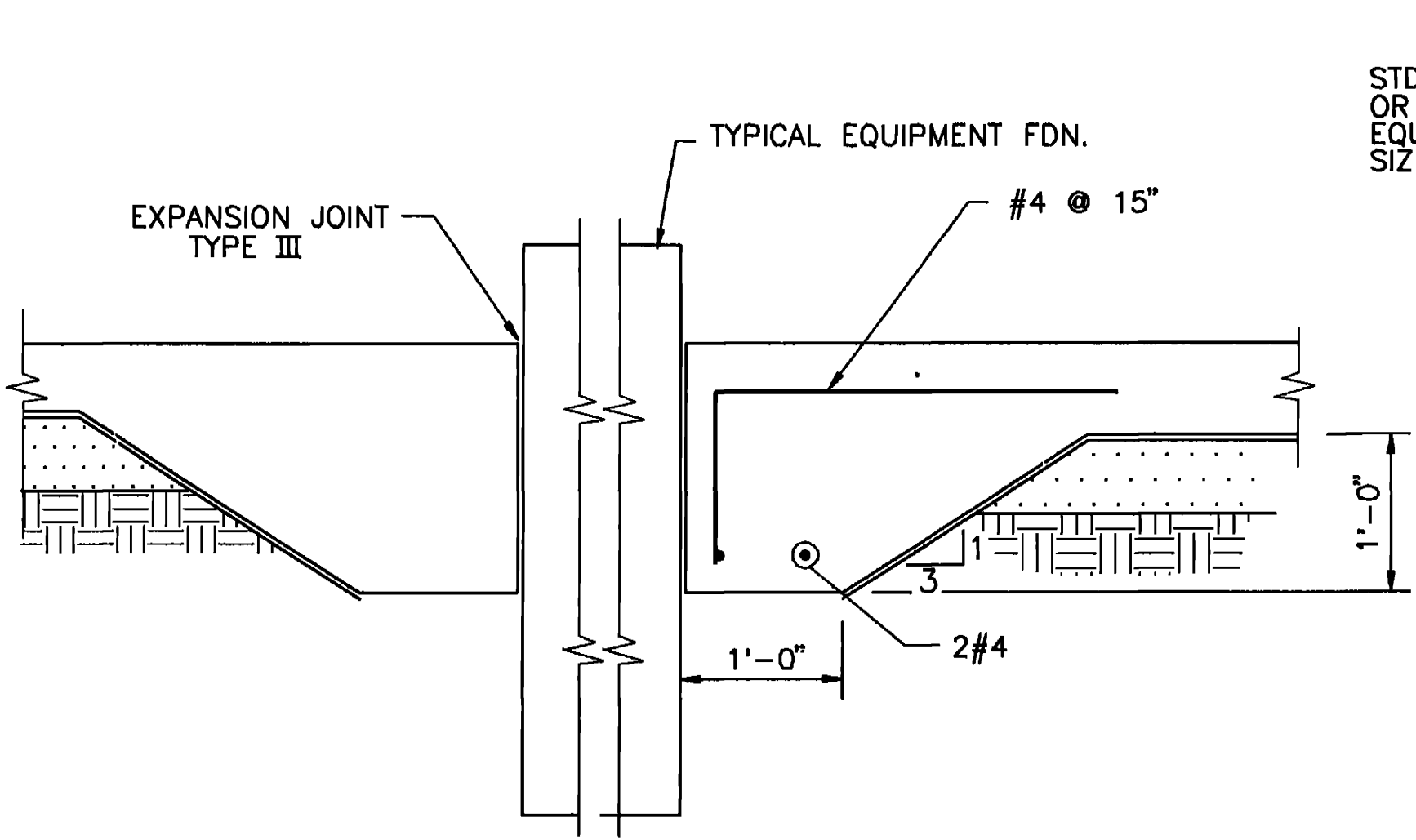
NOTES

- INTERIOR AND EXTERIOR RIBS ARE SHOWN AS FORMED ON BOTH SIDES. OPTIONALLY, THE RIBS MAY BE SHAPED AS SHOWN ON SHT. S23.
- FOR JOINT DETAIL & CONSTRUCTION OPTIONS SEE SHT. S23.
- SEE MASONRY DETAILS FOR DOWEL LENGTHS & EMBEDMENT ON SHEET S24.

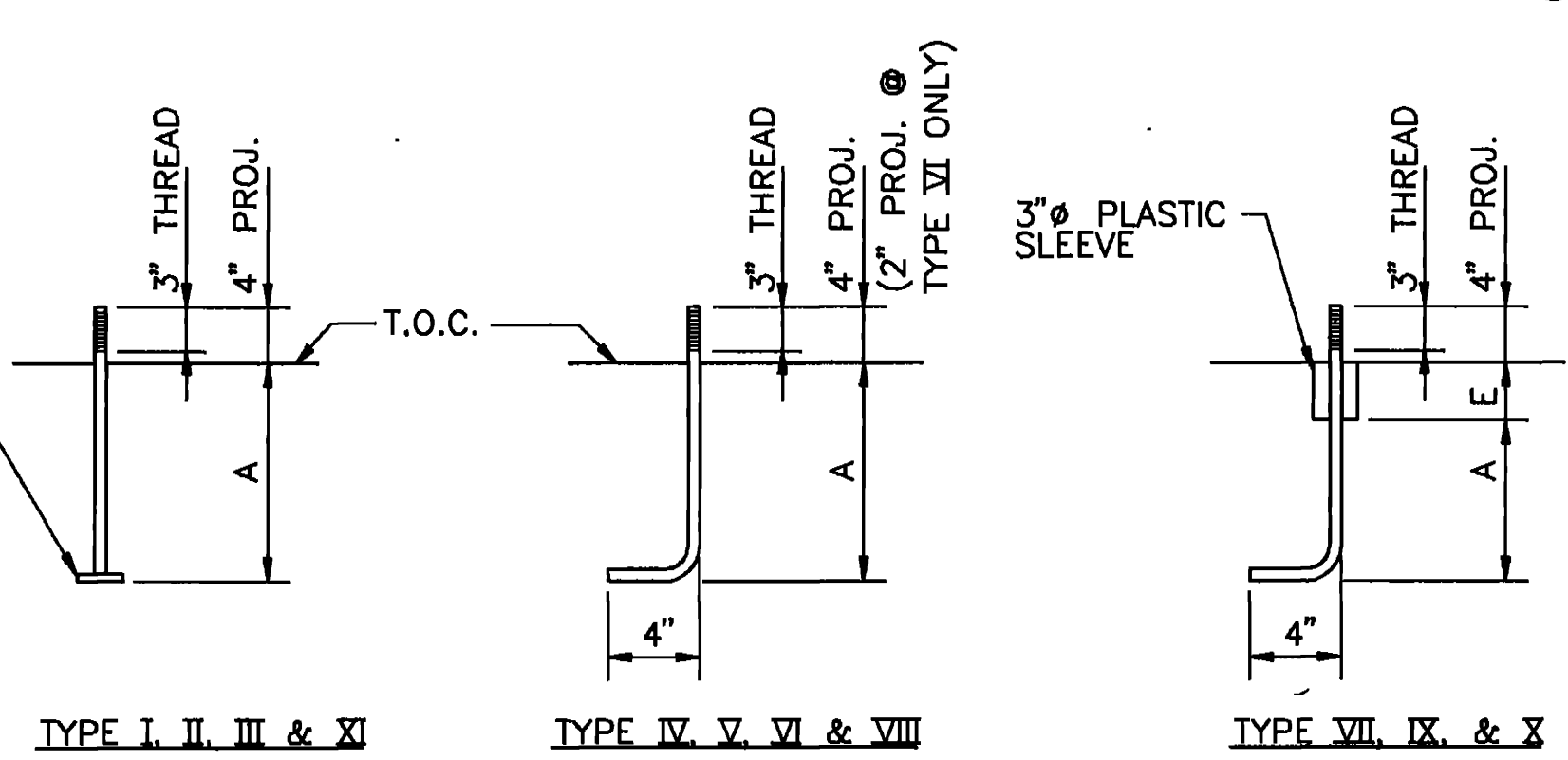
NO CUT-OFF PERMITTED WHERE RIB LENGTH IS LESS THAN 60" FROM OUT TO OUT OF BUILDING. EXTRA BOTTOM STEEL IS ONLY REQUIRED WITHIN 25' OF AN EXPOSED EDGE OF BUILDING. NOT REQUIRED WHERE ABUTTING ANOTHER BLDG.



SECTION 11  
S2 S22  
S7  
S8

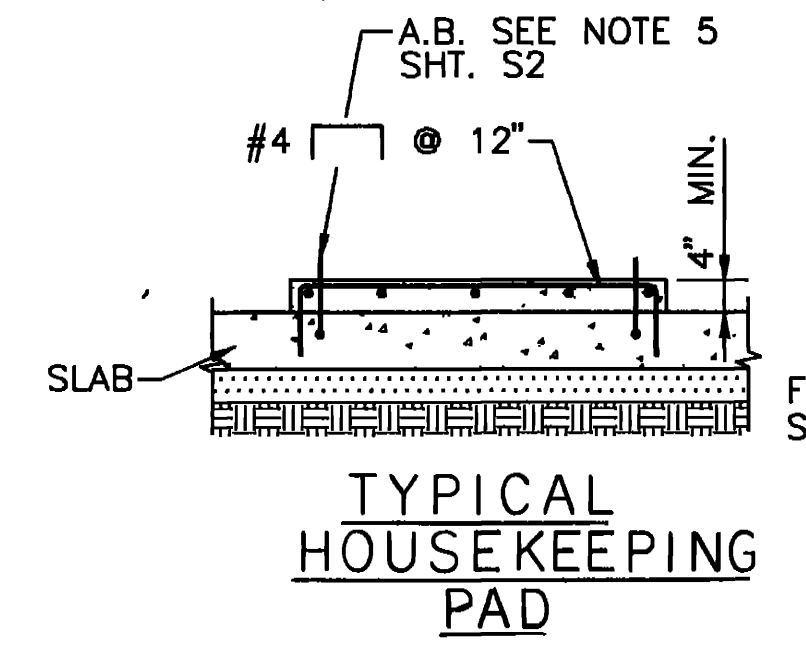


EQUIPMENT FOUNDATION  
SECTION 12  
S2 S22  
S35



ANCHOR BOLT SCHEDULE

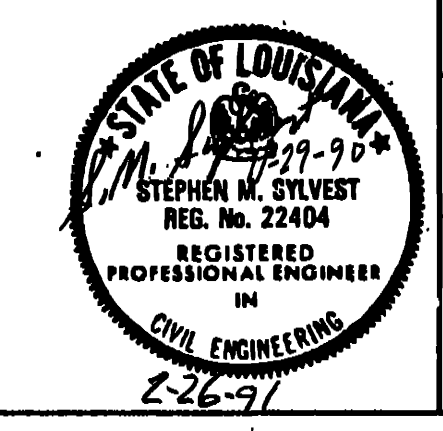
| TYPE | BOLT SIZE | "A" SIZE | "U" BARS | SLEEVE SIZE | "E" SIZE |
|------|-----------|----------|----------|-------------|----------|
| I    | 1/8       | 12"      | #4       | 24"         | -        |
| II   | 1/8       | 16"      | #5       | 36"         | -        |
| III  | 1/8       | 14"      | #10      | 72"         | -        |
| IV   | 3/4       | 12"      | -        | -           | -        |
| V    | 5/8       | 6"       | -        | -           | -        |
| VI   | 1/2       | 6"       | -        | -           | -        |
| VII  | 1/2       | 6"       | -        | -           | 4"       |
| VIII | 5/8       | 4"       | -        | -           | -        |
| IX   | 5/8       | 12"      | -        | -           | 4"       |
| X    | 3/4       | 12"      | -        | -           | 4"       |
| XI   | 7/8       | 12"      | #4       | 24"         | -        |

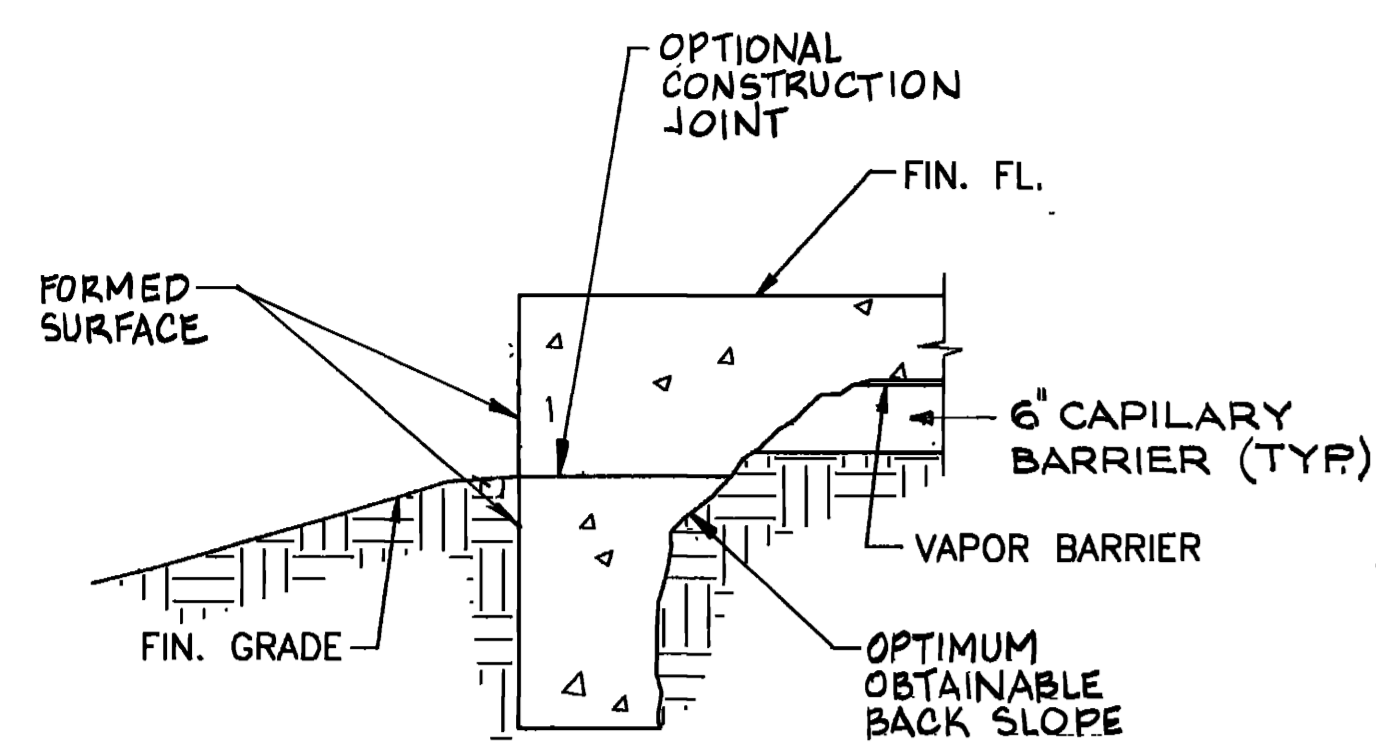


TYPICAL HOUSEKEEPING PAD

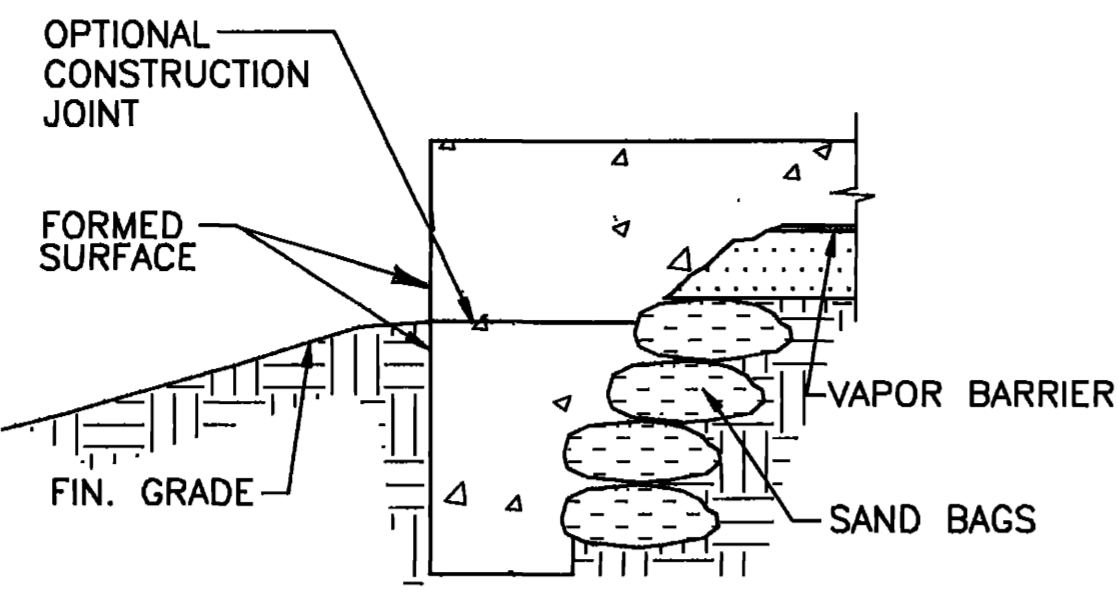
SCALE: 1 INCH = 1 FOOT

|                                |   |  |
|--------------------------------|---|--|
| APPROVED                       | 4 JUN 92                                      | REVISED TO REFLECT W.I. CHANGE           |
| SYM. D.O. NO.                  | ACTION  | DATE                                     |
| WALK, HAYDEL & ASSOC. INC.     |   | U.S. ARMY ENGINEER DISTRICT, FORT WORTH. |
| ENGINEERS / ARCHITECTS         |   | CORPS OF ENGINEERS                       |
| NEW ORLEANS MOBILE BATON ROUGE |   | FORT WORTH, TEXAS                        |
| DESIGNED BY:                   | GOODFELLOW AIRFORCE BASE<br>SAN ANGELO, TEXAS |  |
| S.M.S.                         | DRAWN BY:                                     |  |
| E.M.                           | REVIEWED BY:                                  |  |
| M.J.C.                         | M.J.C.  |  |
| SUBMITTED BY:                  |   | DATE: 1/3/92                             |
| ENGINEER: KPD                  |   | SEQUENCE NO. 185                         |
| CONTR. NO. WACAB-92-C-0155     |   | DRAWING NUMBER                           |
| SHEET NO. S22 OF 35            |   |  |

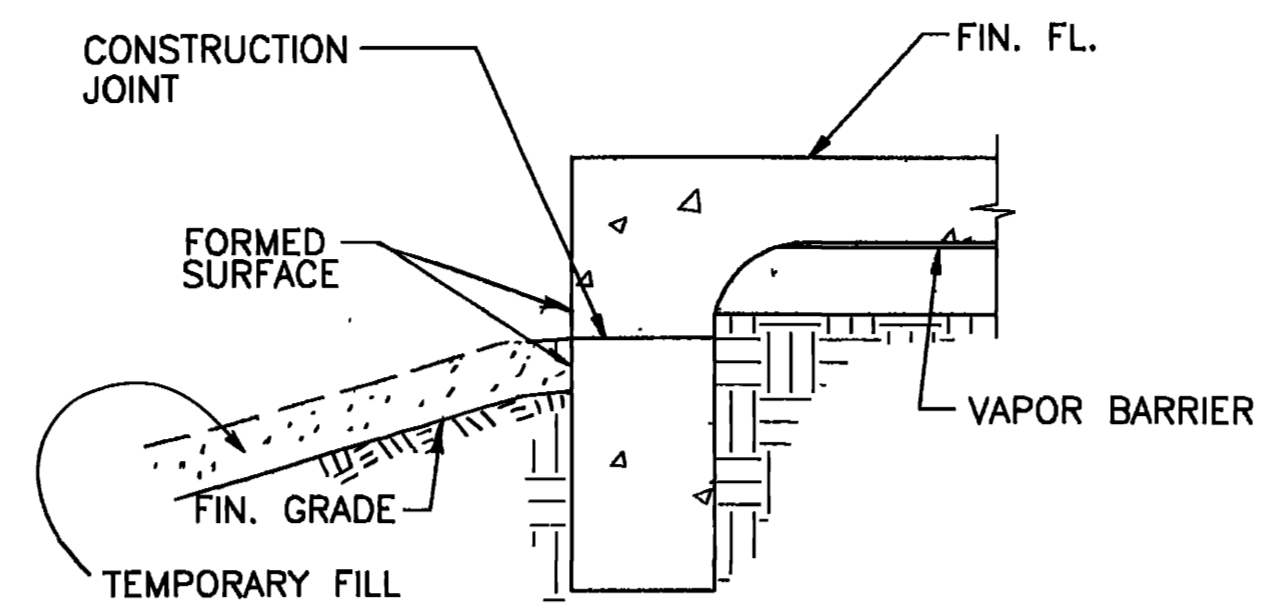




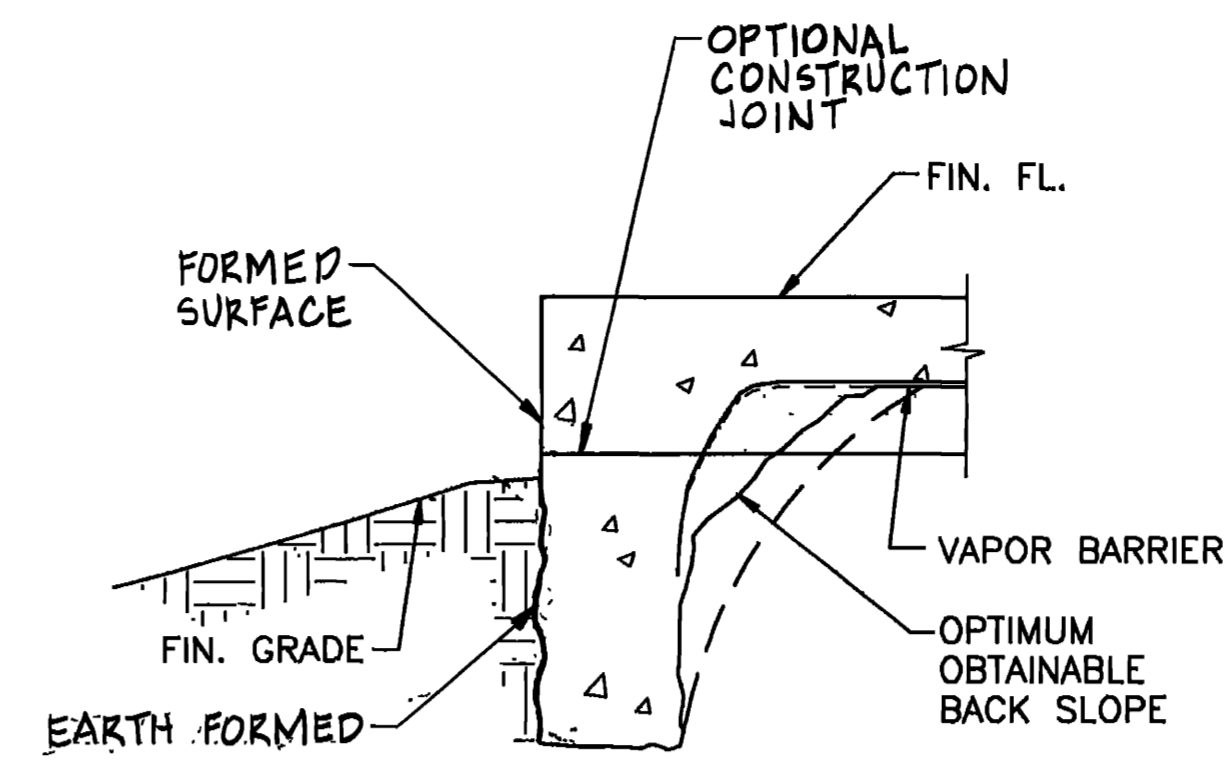
OPTION NO.1



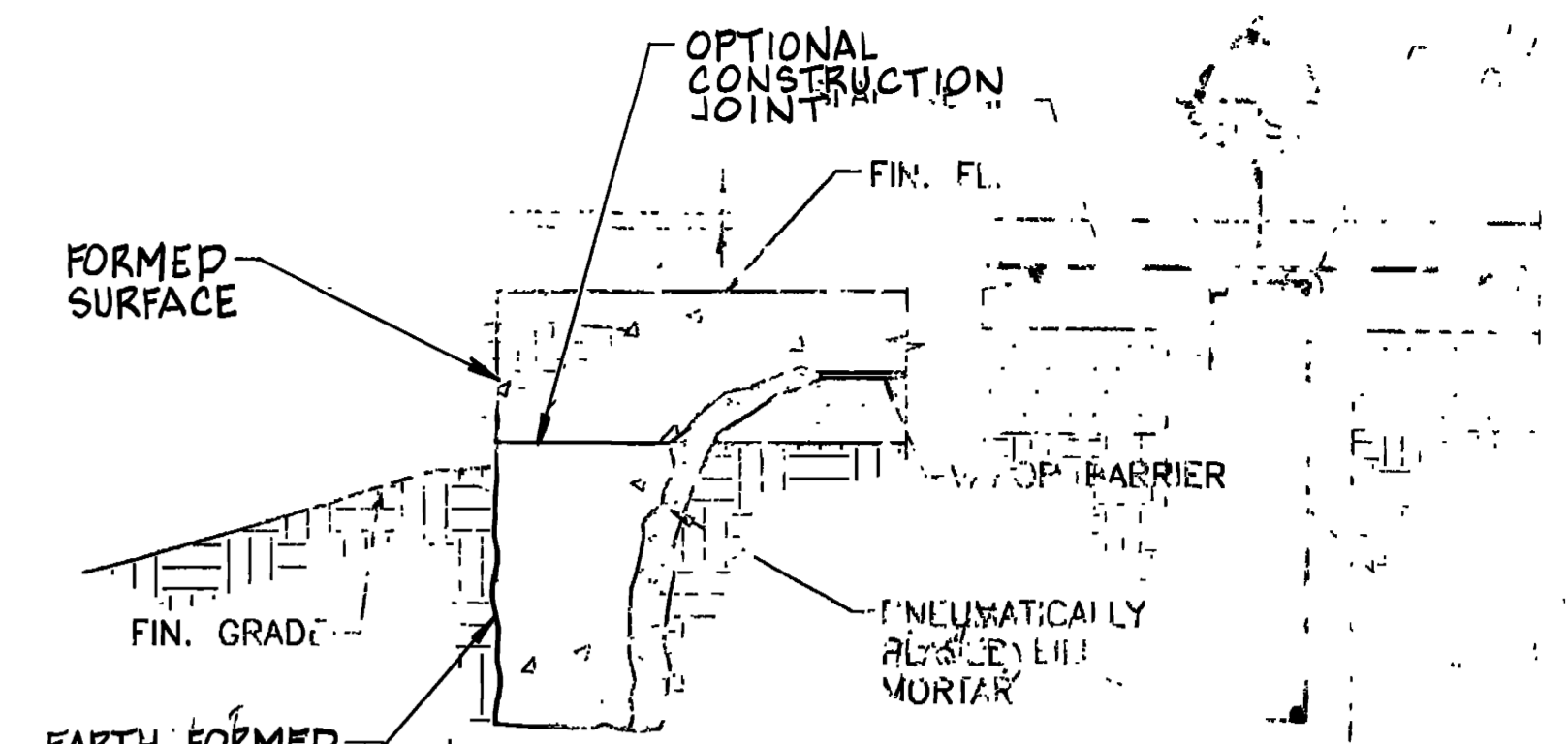
OPTION NO.2



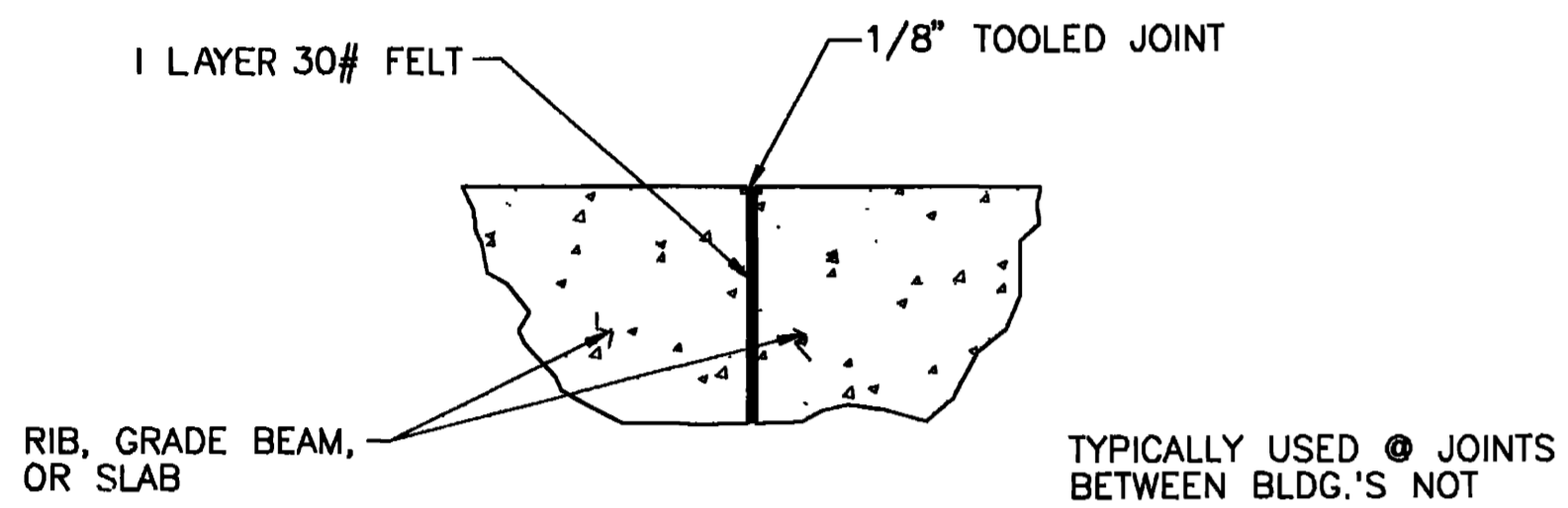
OPTION NO.3



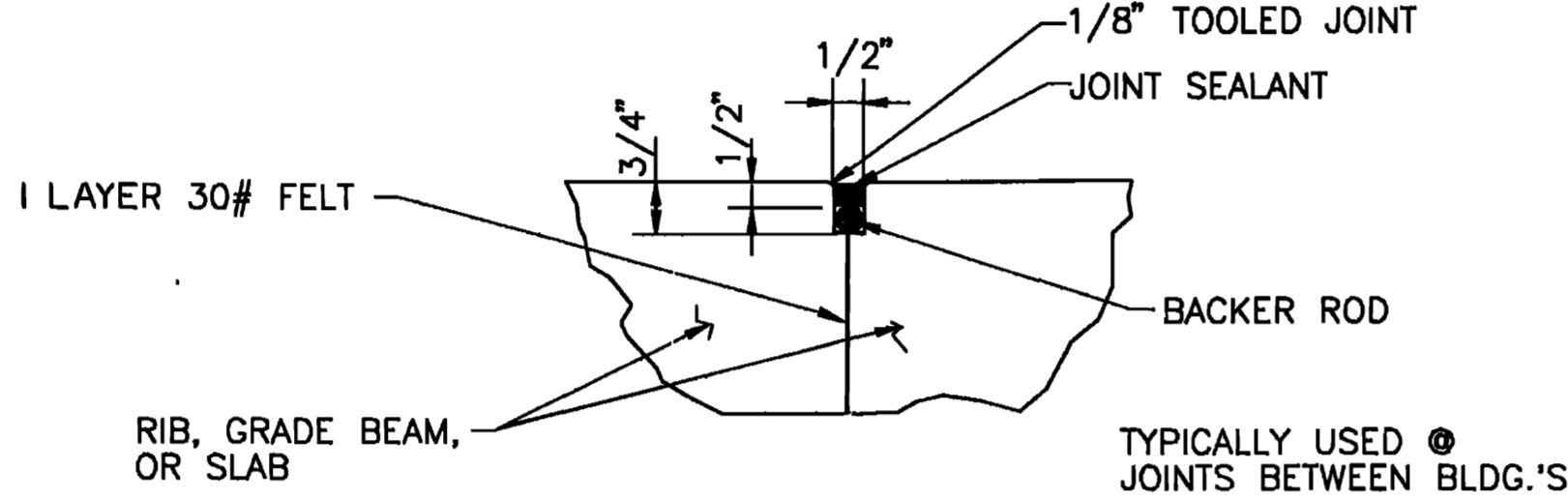
OPTION NO.4



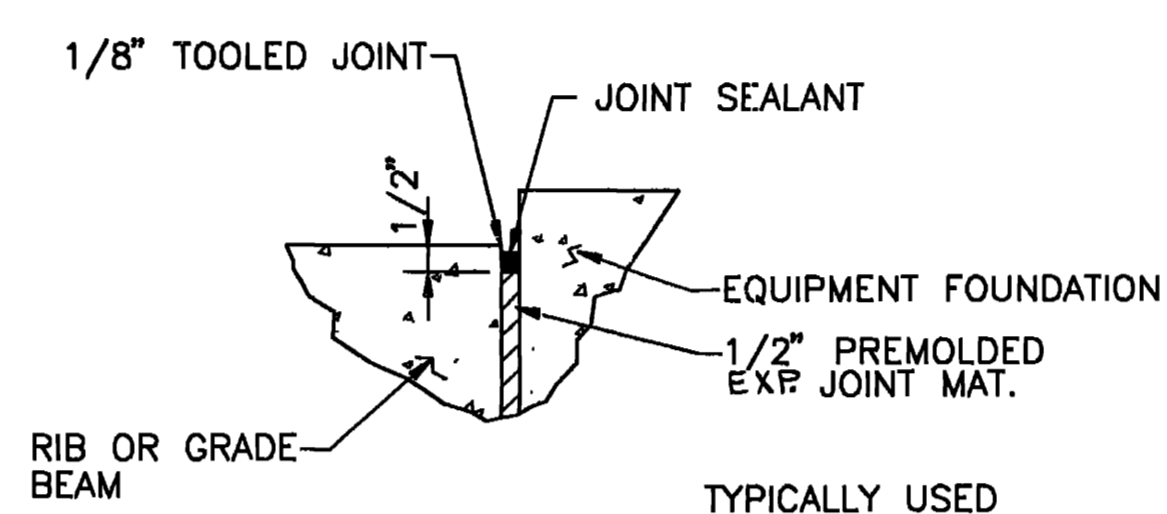
OPTION NO.5



TYPE I

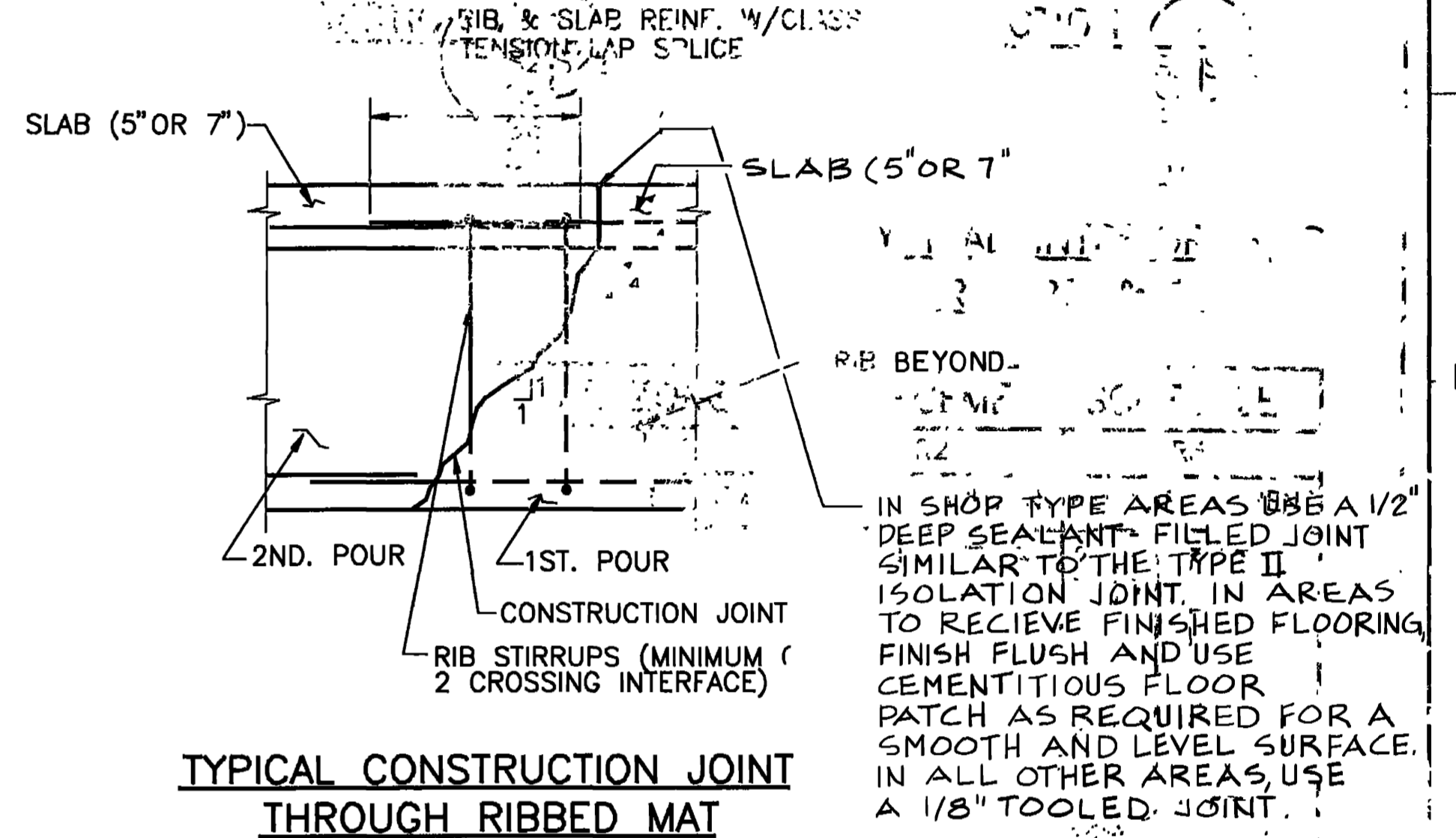


TYPE II



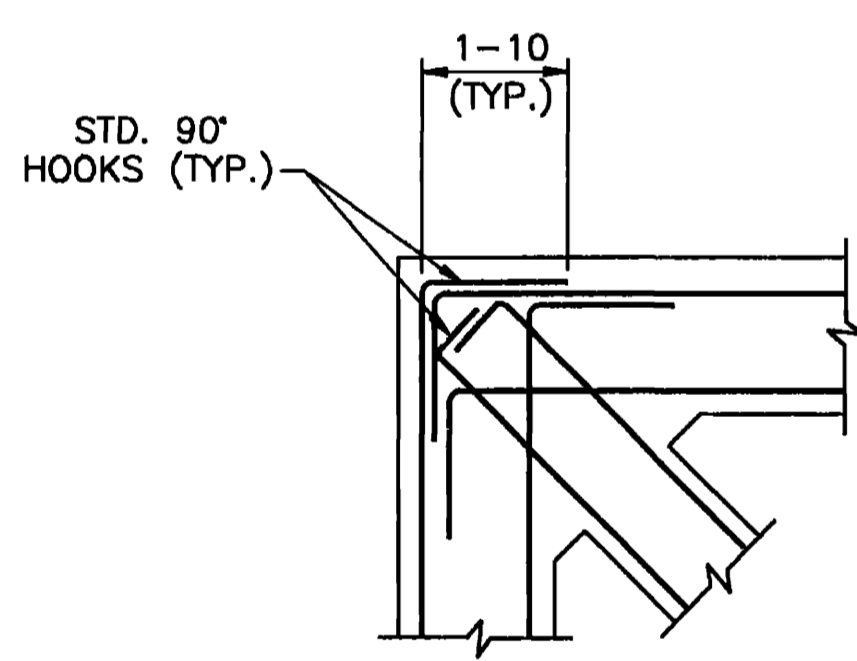
TYPE III

ISOLATION JOINTS

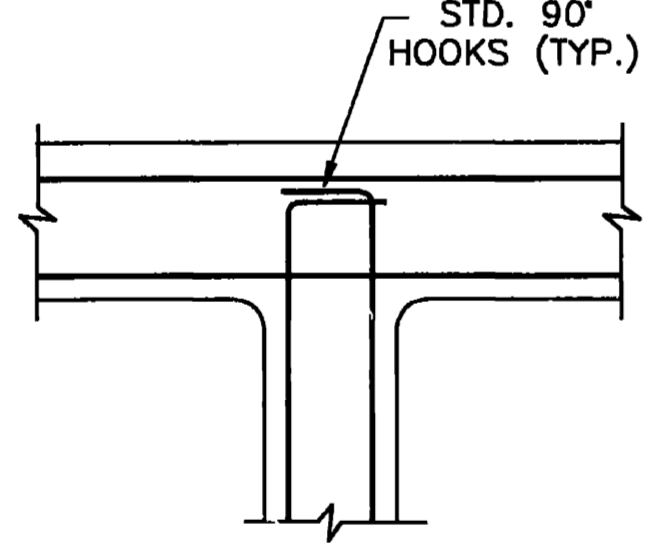


TYPICAL CONSTRUCTION JOINT THROUGH RIBBED MAT

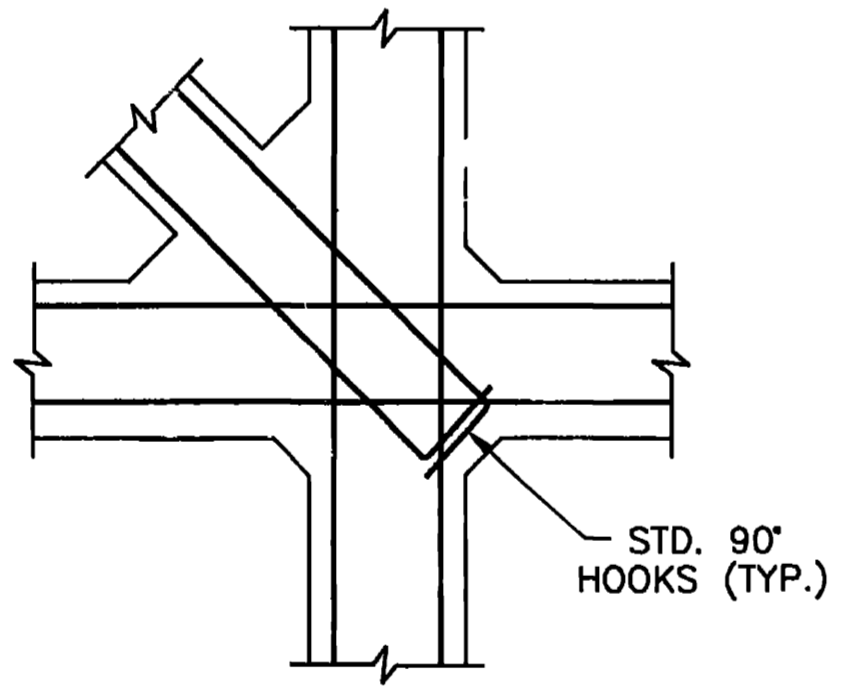
- NOTES:
1. FOR REINFORCING INFORMATION REFER TO THE TYPICAL REINFORCEMENT DETAIL.
  2. (FOR OPTION NO.3) BACKFILL EACH SIDE OF BEAM SIMULTANEOUSLY TO SUPPORT FORMS, LEAVE EXTERIOR FORM AND BACKFILL IN PLACE UNTIL SLAB IS PLACED. REMOVE ALL FORMS FROM INTERIOR TO THE BLDG.



CORNER

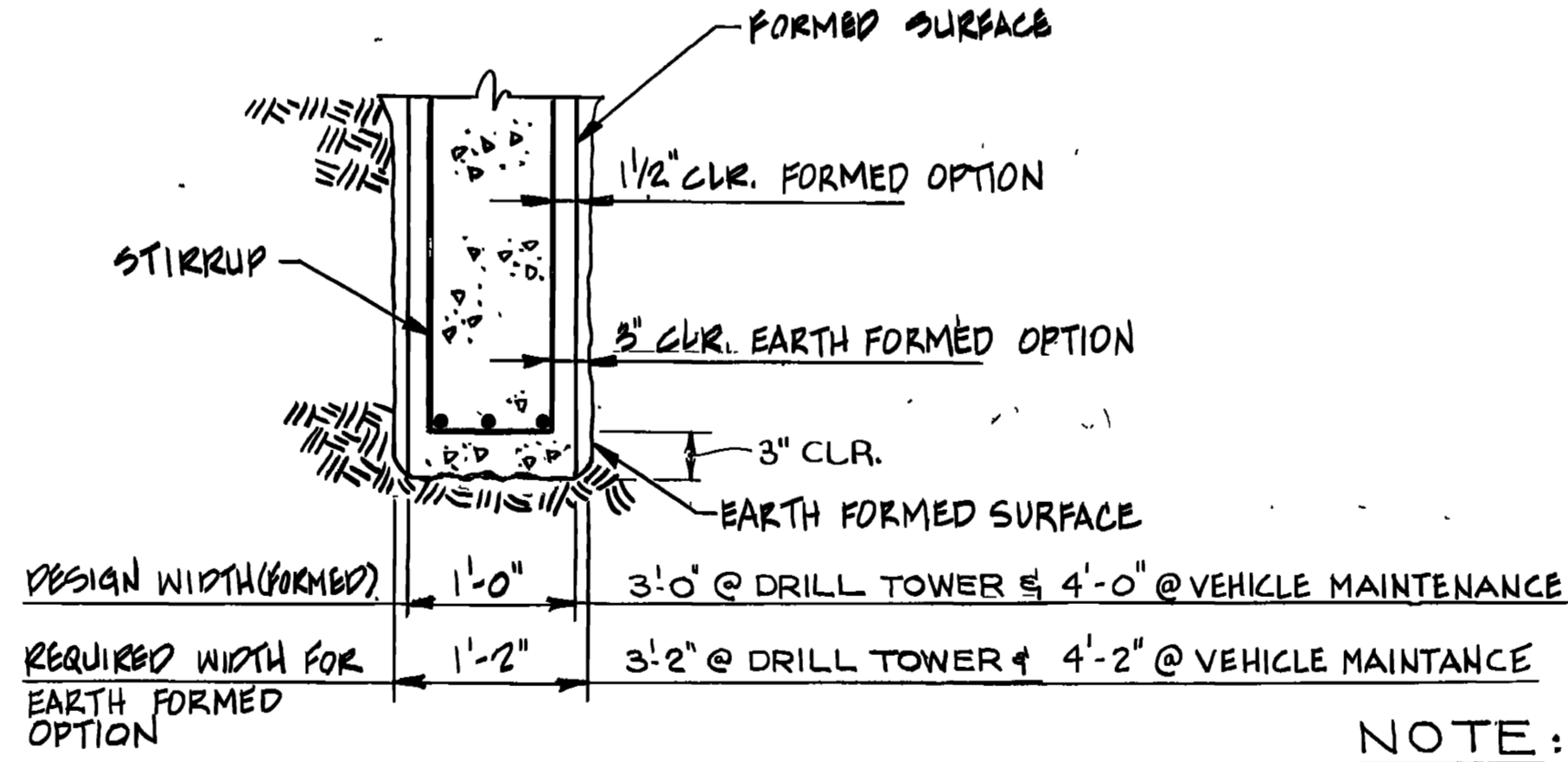


INTERSECTION



INTERIOR INTERSECTION

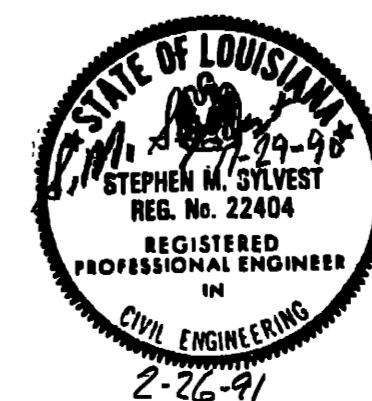
RIBBED MAT FOUNDATIONS DETAIL  
N.T.S.



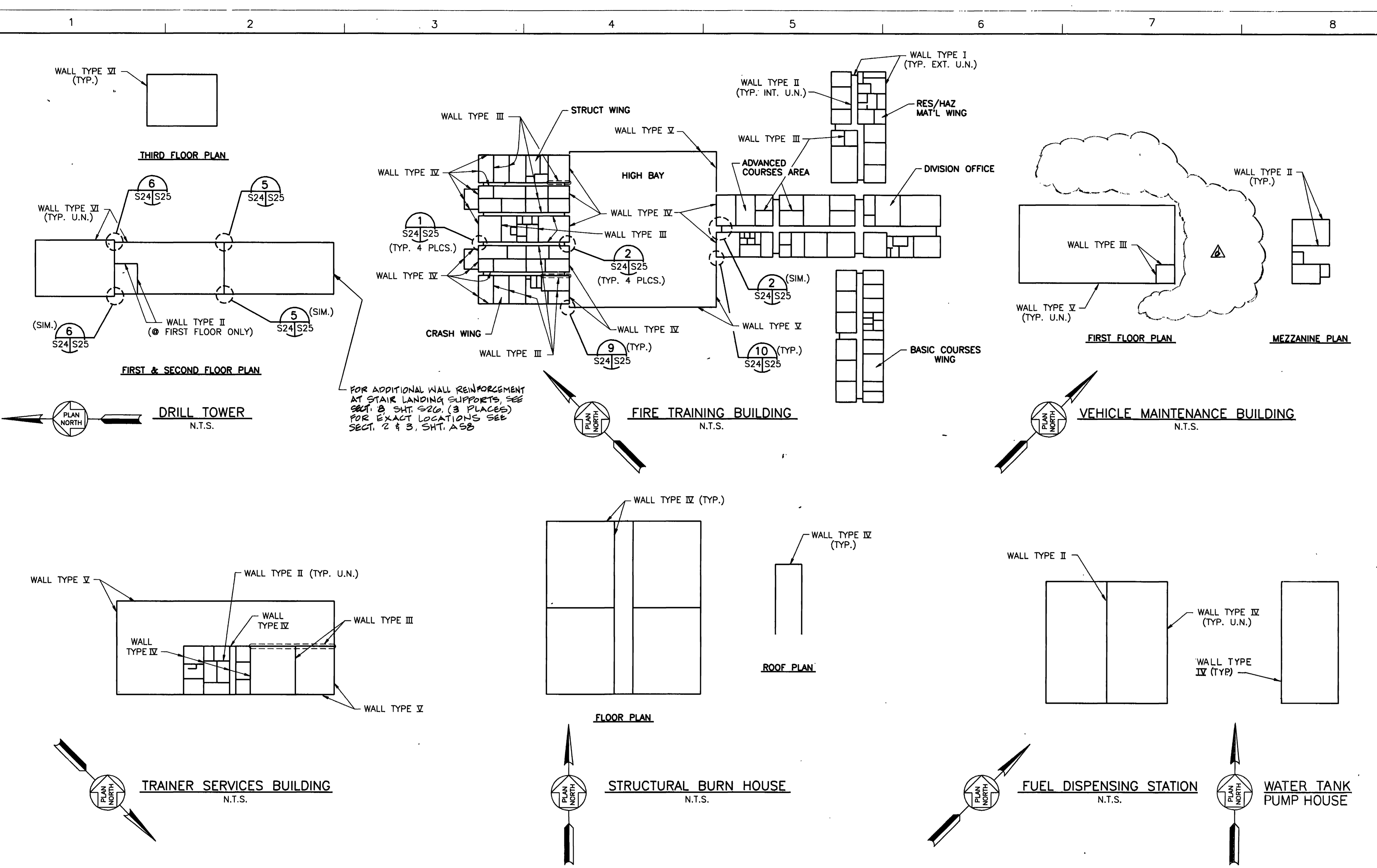
REINFORCING CLEARANCE DIMENSIONS  
N.T.S.

NOTE:  
MAINTAIN THE MINIMUM DESIGN WIDTH AND THE MINIMUM CONCRETE COVER DIMENSIONS SPECIFIED IN ACI 318

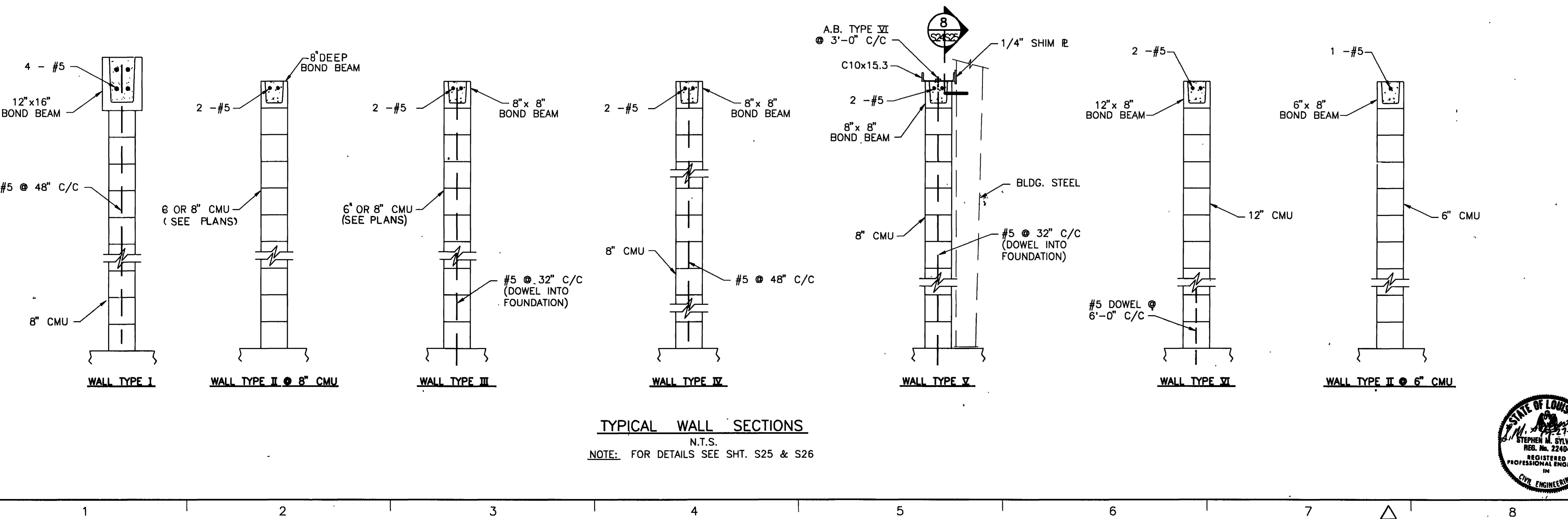
|  |   |  |
|--|---|--|
| REV. NO.   | DATE  | DESCRIPTION OF REVISION  |
| AM#000   | 4 JUN. 92                                     | REVISED TO REFLECT W.I. CHANGE   |
| WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE |   | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS |
| DESIGNED BY:<br>S.M.S.   | GOODFELLOW AIRFORCE BASE<br>SAN ANGELO, TEXAS |  |
| DRAWN BY:<br>D.L.  | FIRE TRAINING COMPLEX                         |  |
| REVIEWED BY:<br>M.J.C.   | FOUNDATION JOINTS<br>AND DETAILS              |  |
| SUBMITTED BY:<br>KPD   | SOL. NO. DAC 93-91-B-011 DATED JUN. 1992      |  |
| ENGINEER:<br>KPD   | CONTR. NO. DAC 92-C-0155                      | SEQUENCE NO. 186   |
|  | DRAWING NUMBER                                | SHEET NO. 523 OF 35  |



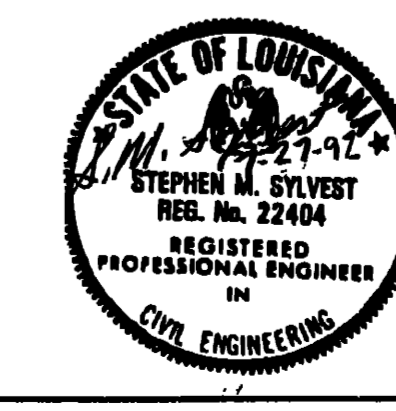
CONTR. NO. DAC 92-C-0155



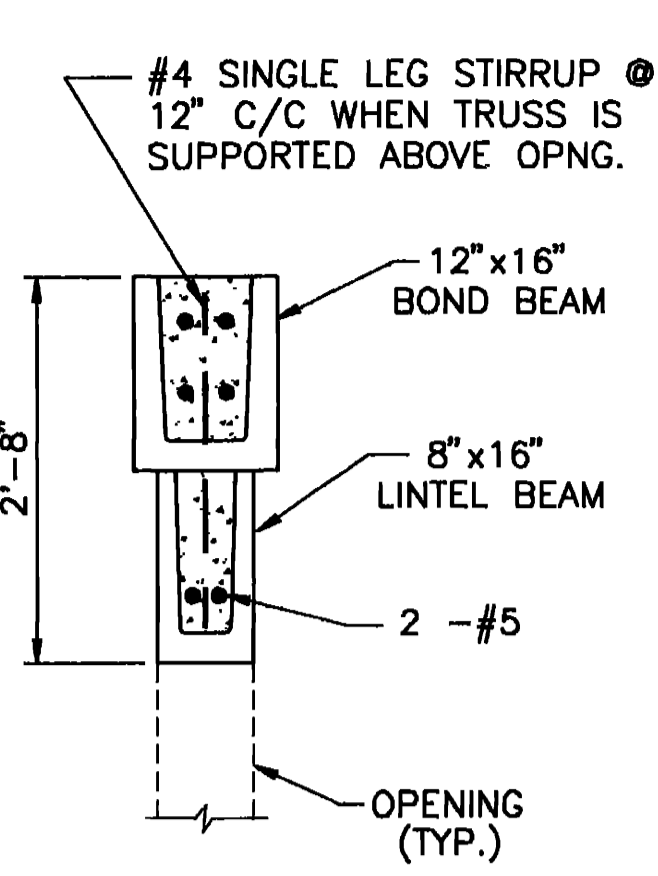
- NOTES:**
- JOINT REINFORCING SHALL BE INSTALLED IN ALL CMU WALLS AT ALTERNATING HORIZONTAL JOINTS (16" C/C).
  - FOUNDATION DOWELS, WHERE REQUIRED, SHALL EXTEND A MIN. OF 30 DIA. INTO THE FOUNDATION CONCRETE AND 40 DIA. INTO THE MASONRY WALL. (LAPS OR SPLICES OF REINFORCING STEEL IN MASONRY SHALL BE 2'-0" OR 40 DIA. WHICHEVER IS GREATER).
  - VERTICAL WALL REINFORCING SHALL EXTEND FROM THE TOP OF CONC. SLAB TO WITHIN 12" OF THE FLOOR OR ROOF BOND BEAM. PNEUMATICALLY APPLIED MORTAR BEDDING SHALL BE USED AT ALL JOINTS.
  - REINFORCING IN BOND BEAMS BELOW OPENINGS IN LINTELS SHALL EXTEND NOT LESS THAN 40 DIA. OR 24", WHICHEVER IS LARGER, BEYOND THE CORNER OF OPENINGS.
  - FOR TYPICAL WALL REINFORCING, PLACE FIRST VERTICAL BAR AT A DISTANCE EQUAL TO ONE-HALF THE TYPICAL BAR SPACING FROM THE ADDED VERTICAL BARS AT JAMBS, CORNERS OR ENDS OF WALLS.
  - BOND BEAM REINFORCING STEEL FOR INTERIOR AND EXTERIOR WALLS SHALL BE CONTINUOUS THROUGHOUT:
    - AT CONTROL JOINTS HORIZONTAL JOINT REINFORCING SHALL BE CUT BUT ALL BOND BEAM REINFORCING SHALL BE CONTINUOUS.
    - AT ISOLATION JOINTS BOTH HORIZONTAL JOINT REINFORCING AND BOND BEAM REINFORCING SHALL BE CUT.
  - FACE SHELL MORTAR BEDDING SHALL BE USED WITH WEBS MORTARED AT REINFORCED CELLS ONLY. ALL JOINTS SHALL BE 3/8" TOOLED (U.N.).
  - FULL MORTAR BEDDING SHALL BE USED AT U-SHAPED BOND BEAM BLOCKS WHEN BLOCK BELOW IS GROUTED SOLID.
  - THE DISTANCE BETWEEN CONTROL JOINTS SHALL NOT EXCEED 30 FEET.
  - FOR ANCHOR BOLT SCHEDULE SEE SHT. S22.
  - REINFORCING FOR TYPICAL DETAILS SHOWN ON SHT. S25 OR S26 SHALL BE PROVIDED IN ADDITION TO THE TYPICAL WALL REINFORCING SHOWN ON SHT. S24.
  - FOR BRICK VENEER AND ASSOCIATED DETAILS SEE ARCH. DRAWINGS.
  - MASONRY WALL SHALL ATTACH TO ALL TRUSS BRIDGING WITH WHICH THEY INTERSECT.



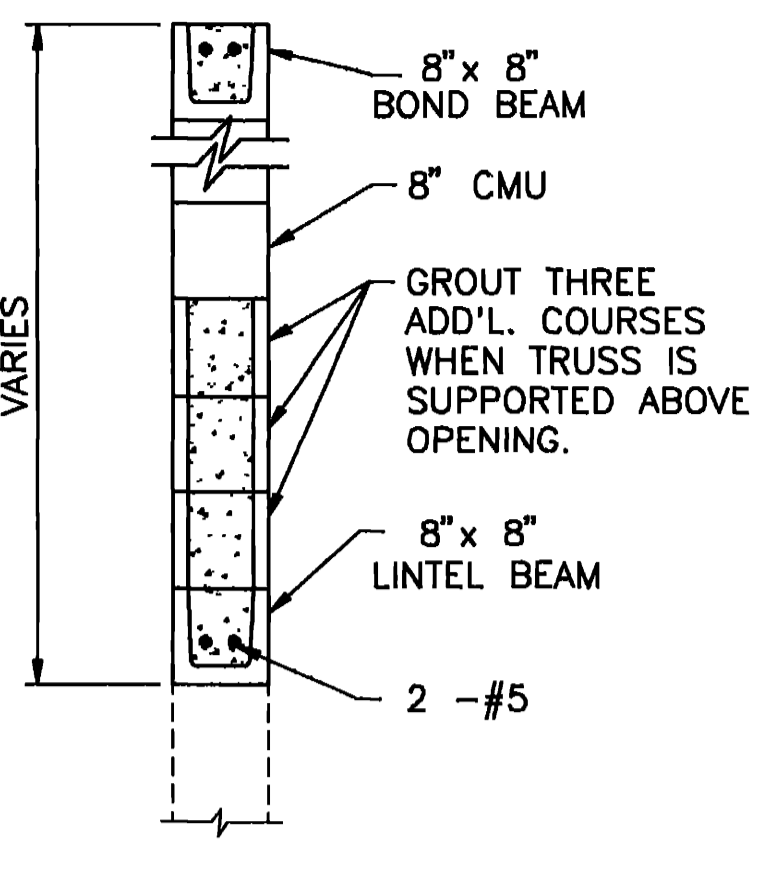
| AM#0009       | 3 AUG 92  | REMOVED FUELS BAY FROM VEHICLE MAINTENANCE BLDG. |      |                         |
|---------------|-----------|--|------|-------------------------|
| AM#0009       | 14 JUN 91 | REVISED TO REFLECT W.I. CHANGE                   |      |                         |
| SYM.          | D.O. NO.  | ACTION   | DATE | DESCRIPTION OF REVISION |
| DESIGNED BY:  |           | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS   |      |                         |
| DRAWN BY:     |           | FIRE TRAINING COMPLEX                            |      |                         |
| REVIEWED BY:  |           | MASONRY WALL PLANS & SECTIONS                    |      |                         |
| SUBMITTED BY: |           | SOL. NO. DACAG3-92-B-0109 DATED JUN. 1992        |      |                         |
| ENGINEER:     |           | CONTR. NO. DACAG3-92-C-0155                      |      |                         |
|               |           | DRAWING NUMBER                                   |      |                         |
|               |           | SHEET NO. 187                                    |      |                         |
|               |           | S24 OF 35  |      |                         |



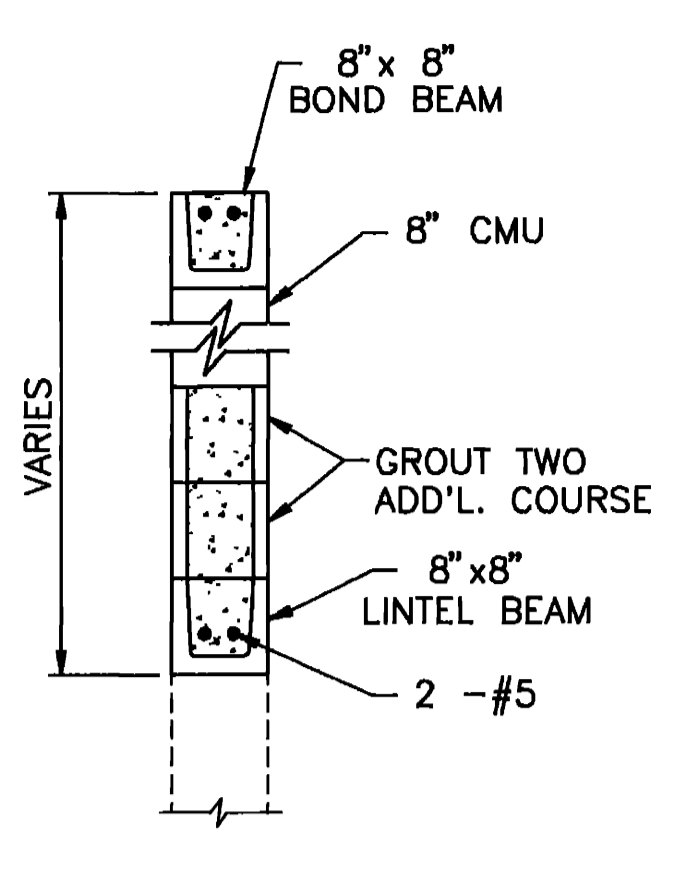
CONTR. NO. DACAG3-92-C-0155



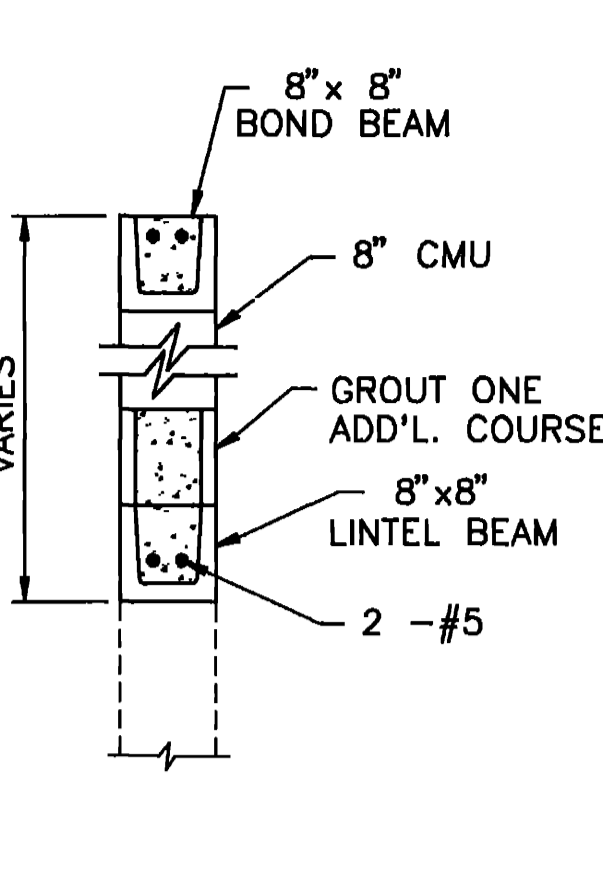
WALL TYPE I



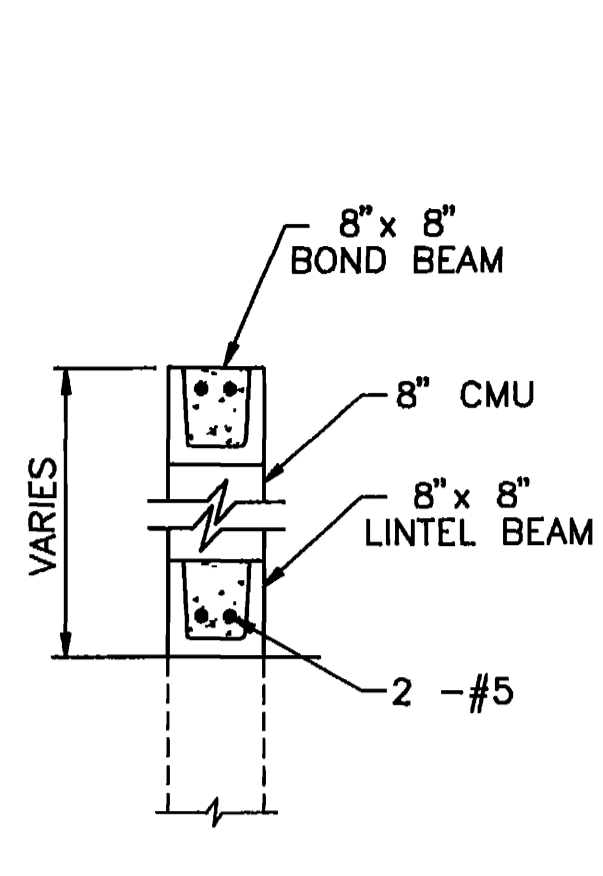
WALL TYPE II @ 8" CMU  
(FIRE TRAINING BUILDING ONLY)



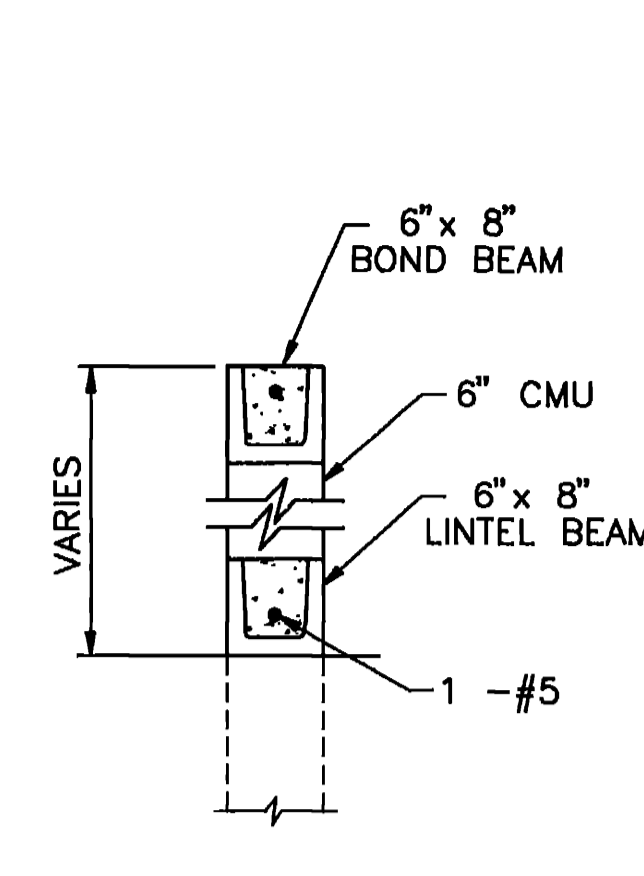
WALL TYPE III  
(STRUCT. WING, CRASH WING & TRAINER SERVICES BUILDING ONLY)



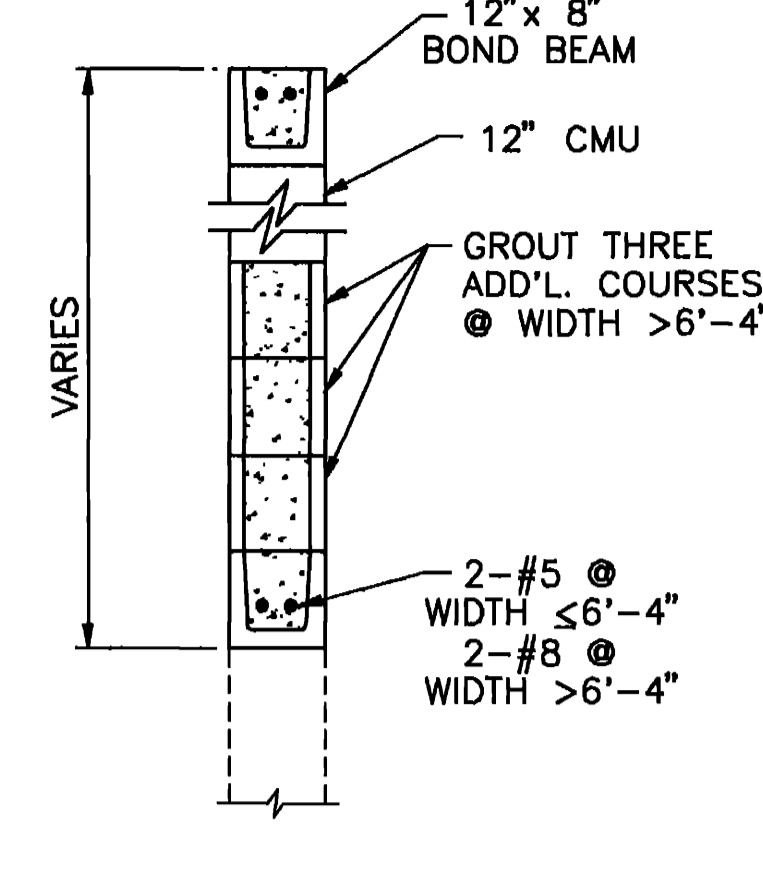
WALL TYPE IV & V



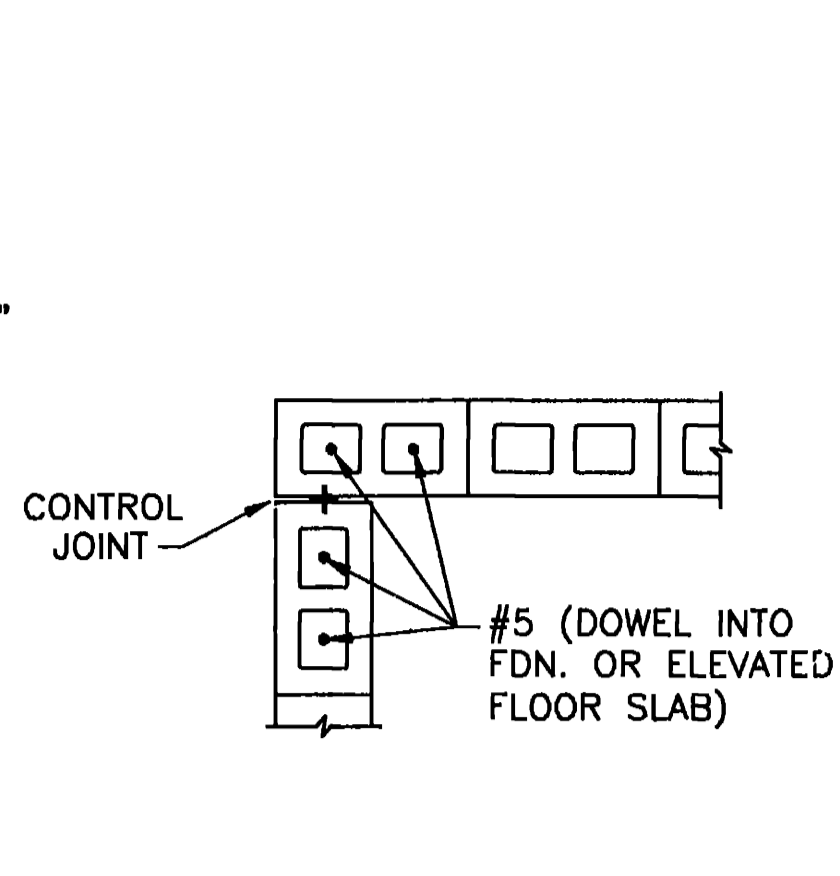
WALL TYPE VI @ 8" CMU & V



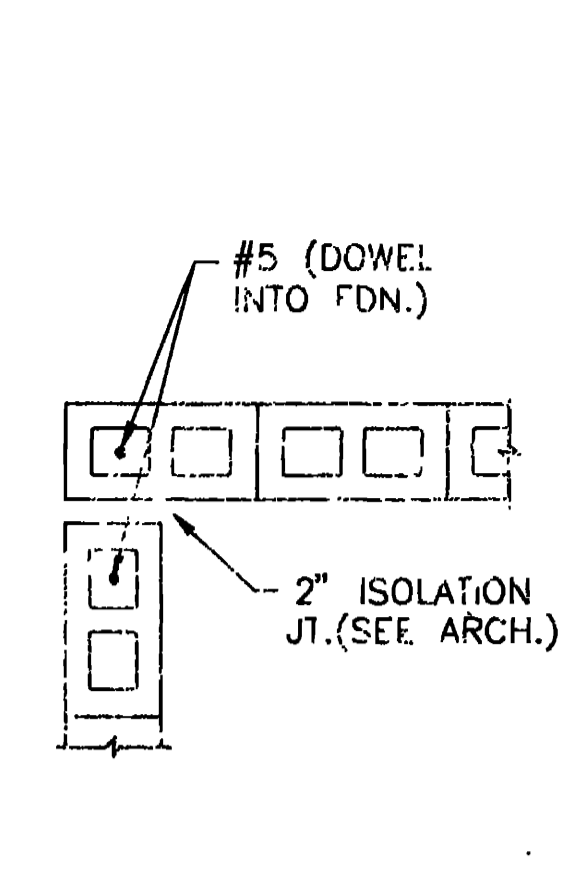
WALL TYPE VII @ 6" CMU



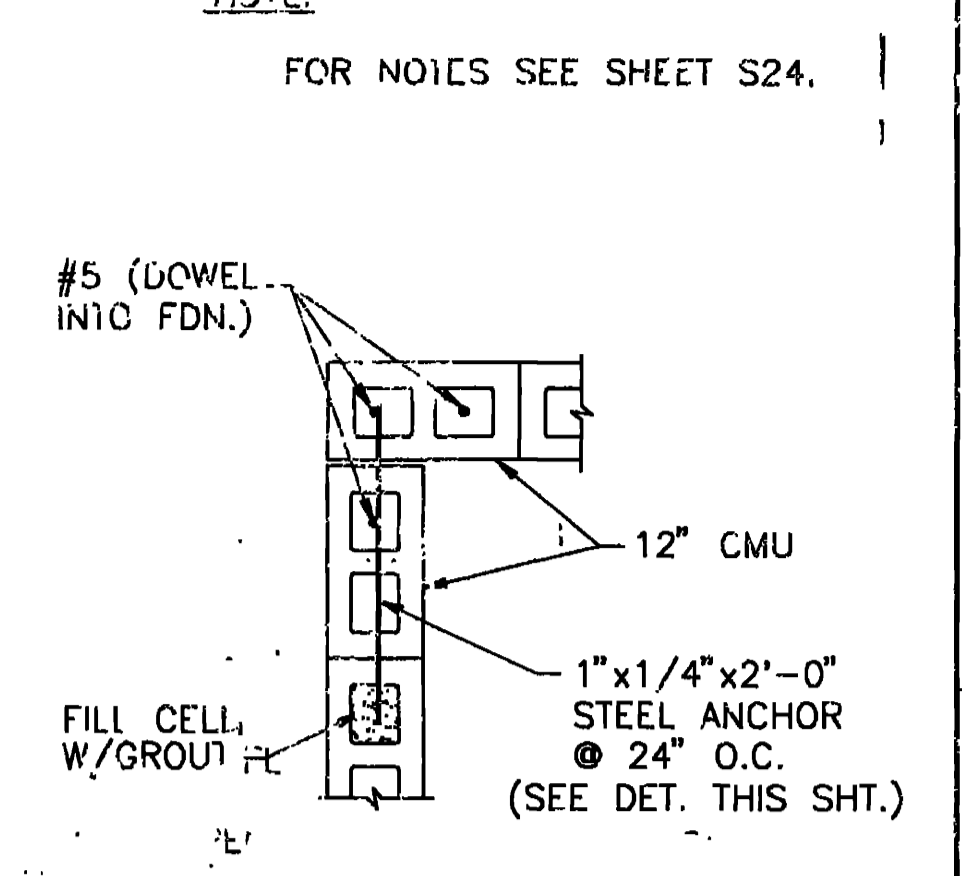
WALL TYPE VIII



WALL TYPE IX, X, XI & XII



WALL TYPE XIII

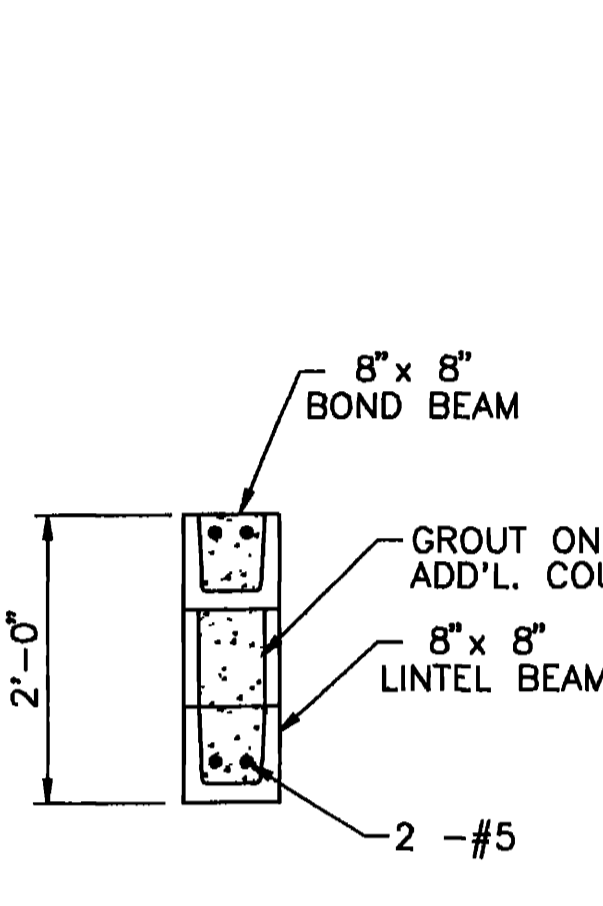


WALL TYPE XIV

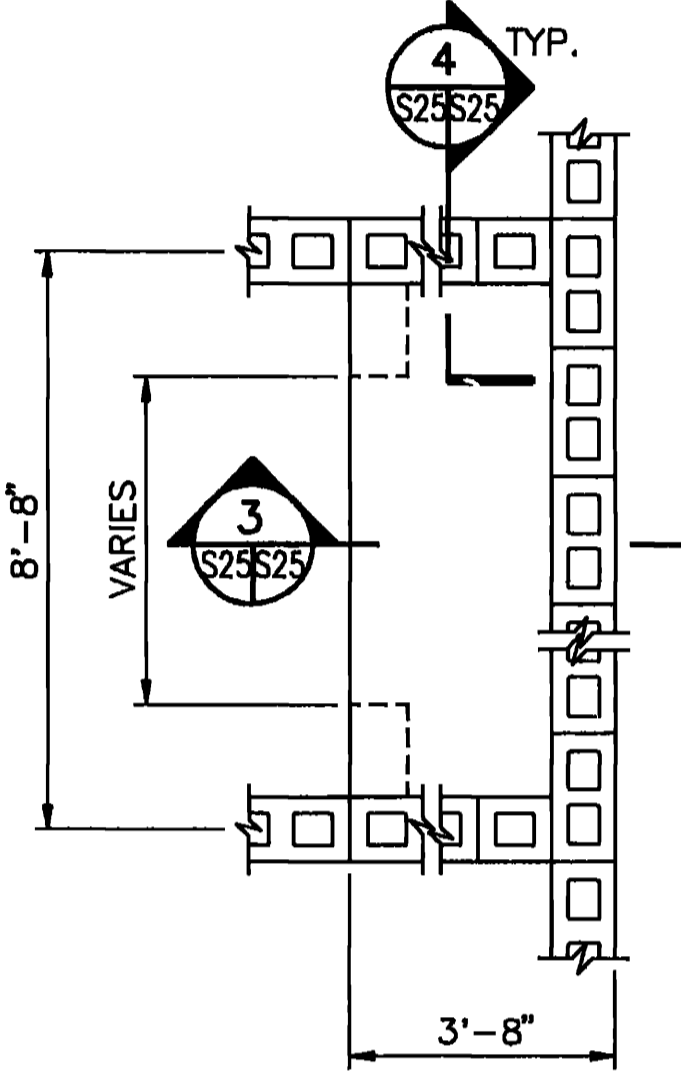
NOTE:  
FOR NOTES SEE SHEET S24.

TYPICAL LINTEL BEAMS  
N.T.S.

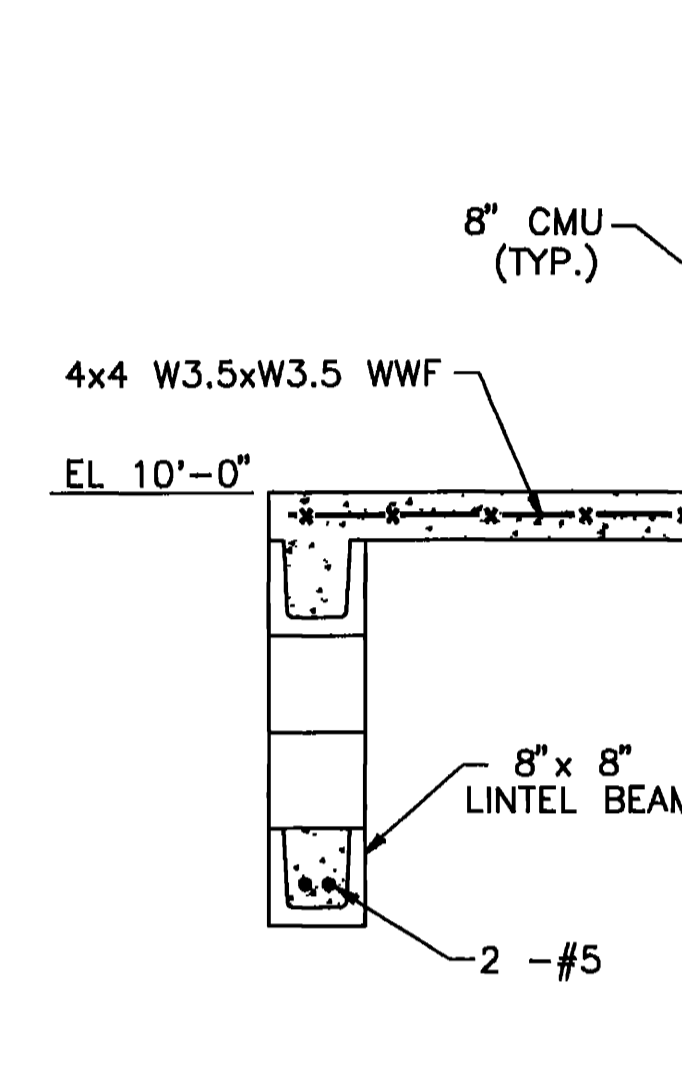
TYP. WALL CORNER OR END OF WALL  
N.T.S.



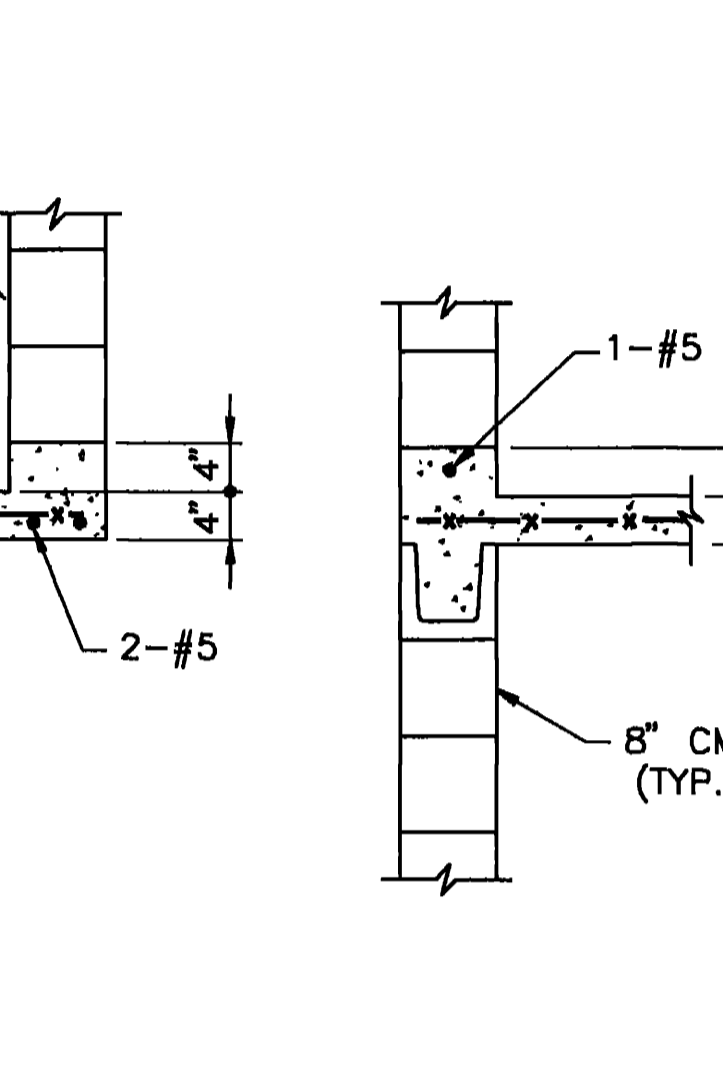
DETAIL 1  
N.T.S.



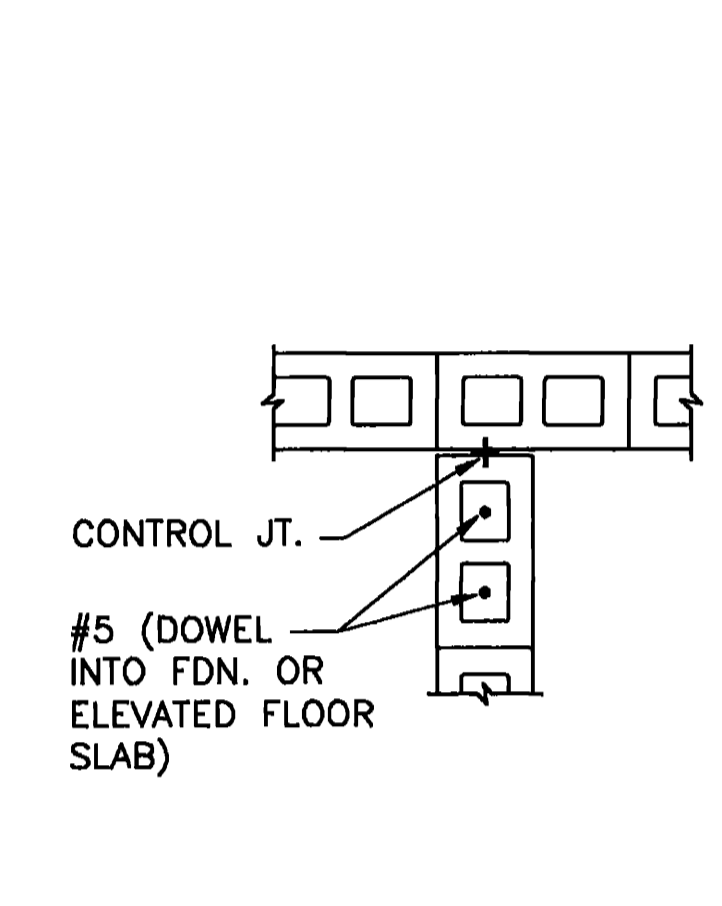
DETAIL 2  
N.T.S.  
(OPP. HAND @ ADVANCE COURSES AREA)



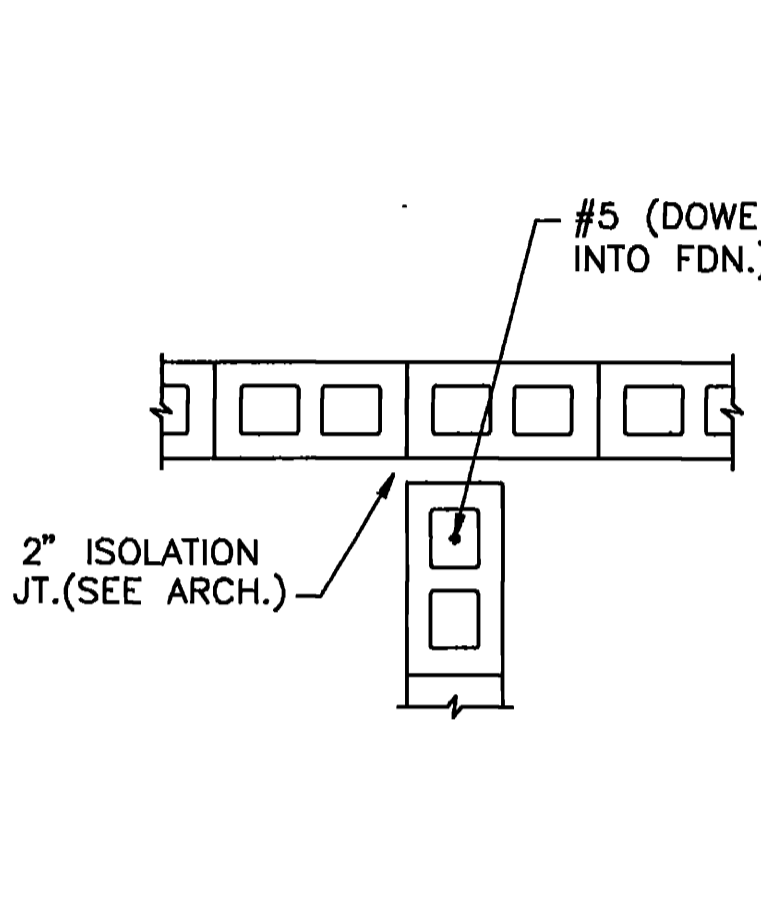
DETAIL 3  
N.T.S.



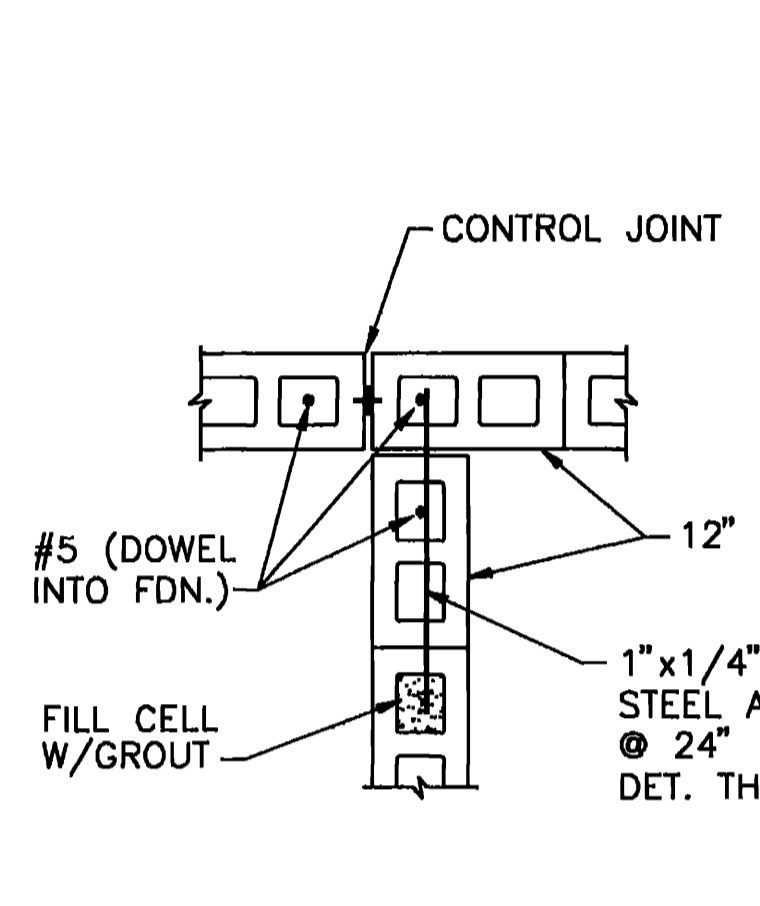
DETAIL 4  
N.T.S.



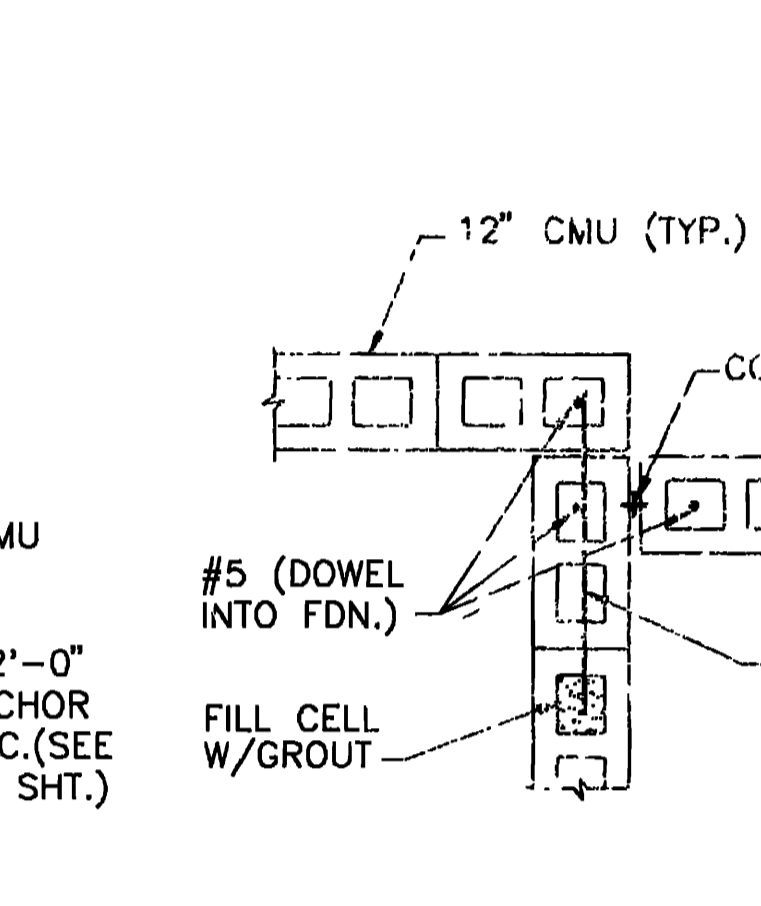
WALL TYPE I, II, III & IV



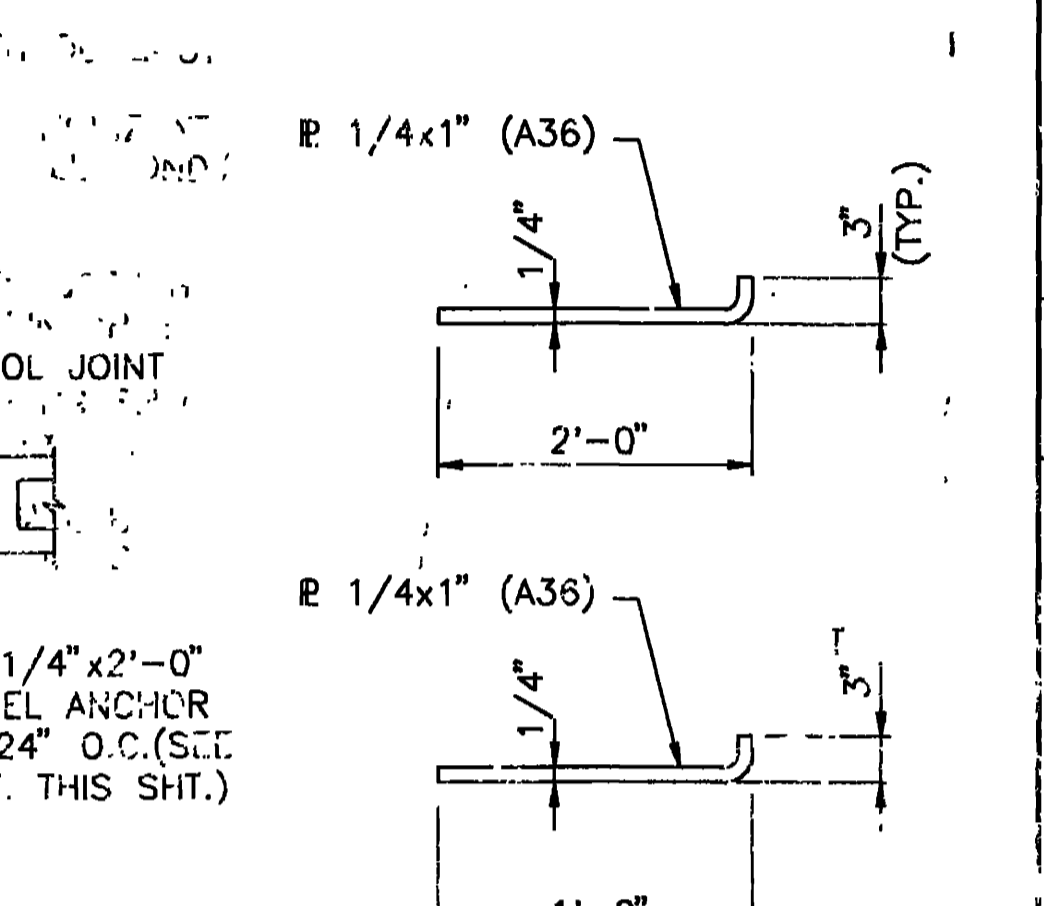
WALL TYPE V



SECTION 5  
N.T.S.



SECTION 6  
N.T.S.



STEEL ANCHOR DETAIL

DETAIL 1  
N.T.S.

DETAIL 2  
N.T.S.  
(OPP. HAND @ ADVANCE COURSES AREA)

DETAIL 3  
N.T.S.

DETAIL 4  
N.T.S.

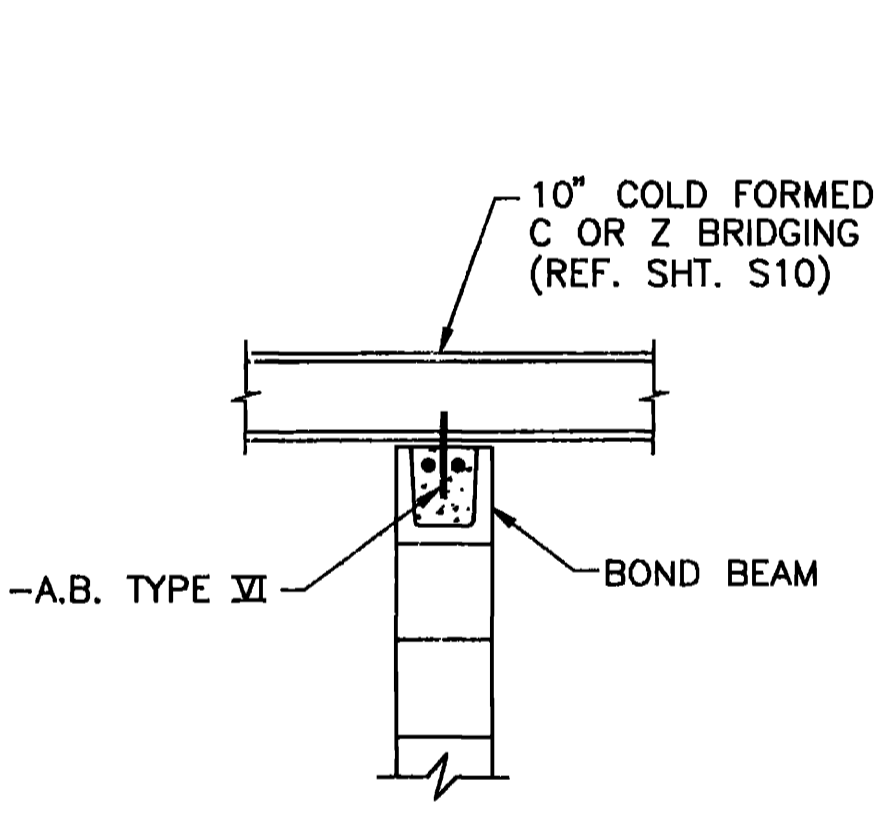
WALL TYPE I, II, III & IV

WALL TYPE V

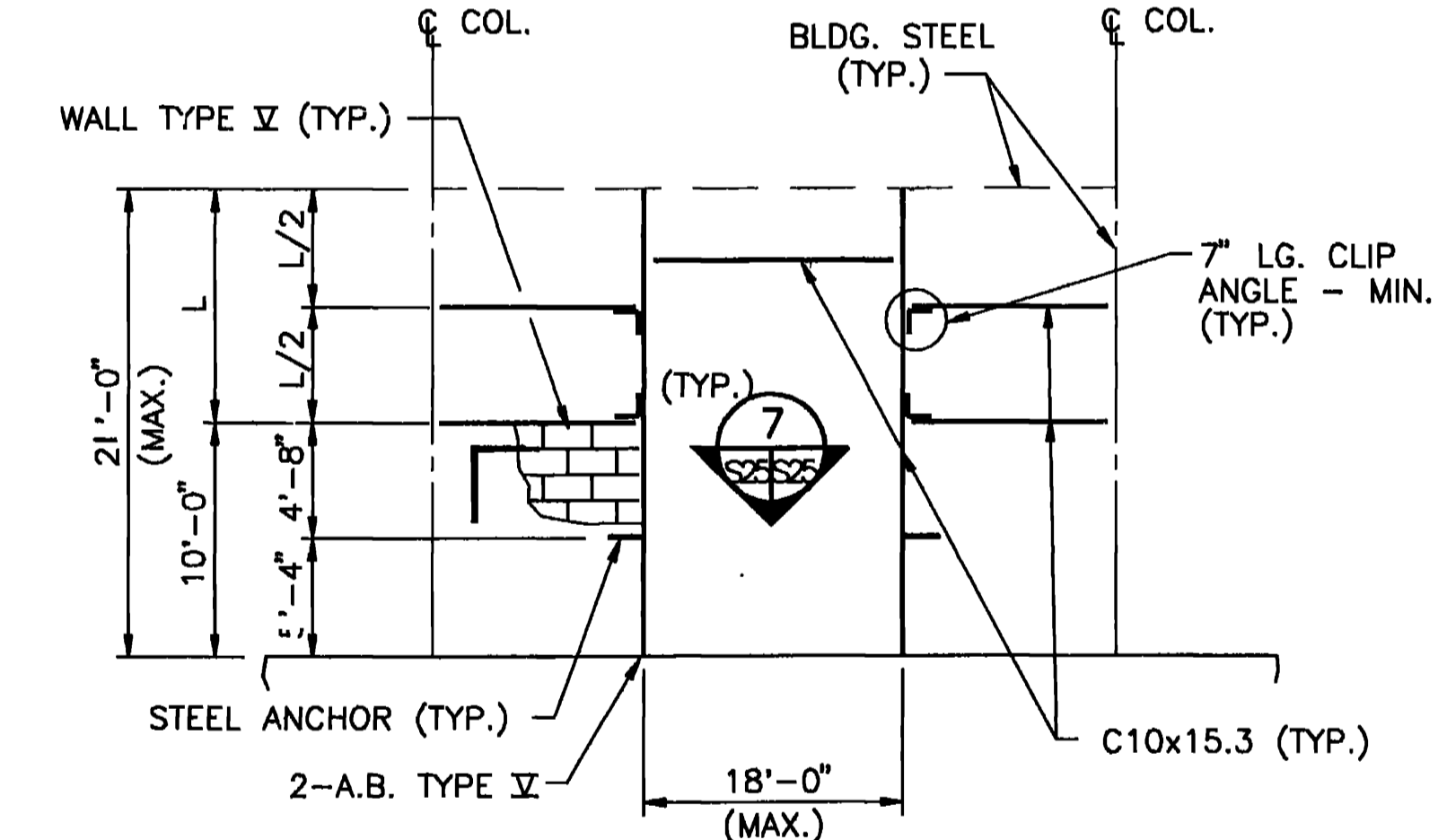
SECTION 5  
N.T.S.

SECTION 6  
N.T.S.

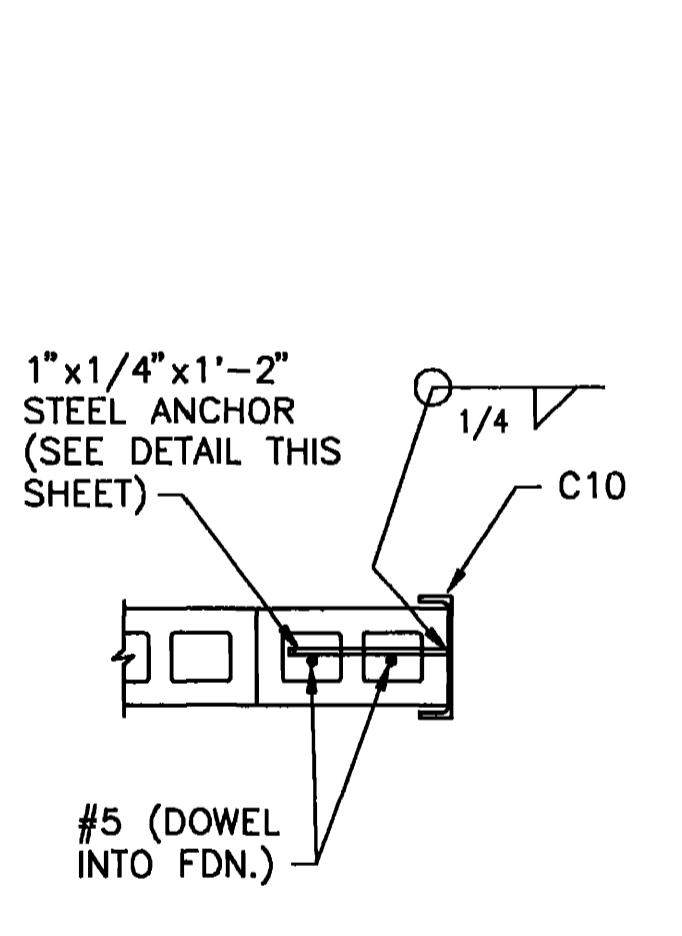
TYPICAL WALL INTERSECTIONS  
N.T.S.



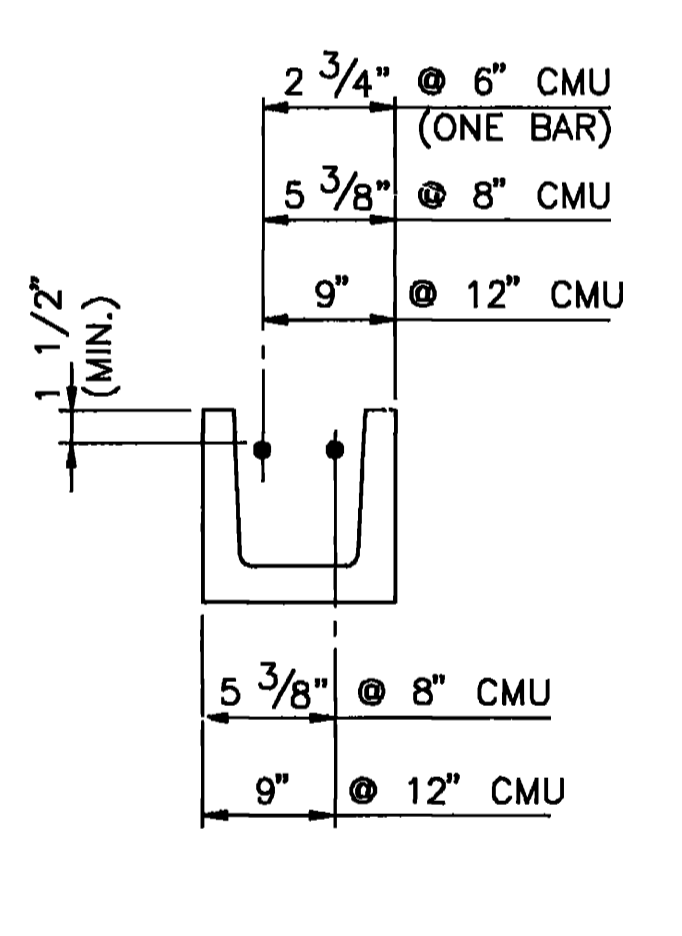
BRIDGING ATTACHMENT DETAIL  
N.T.S.



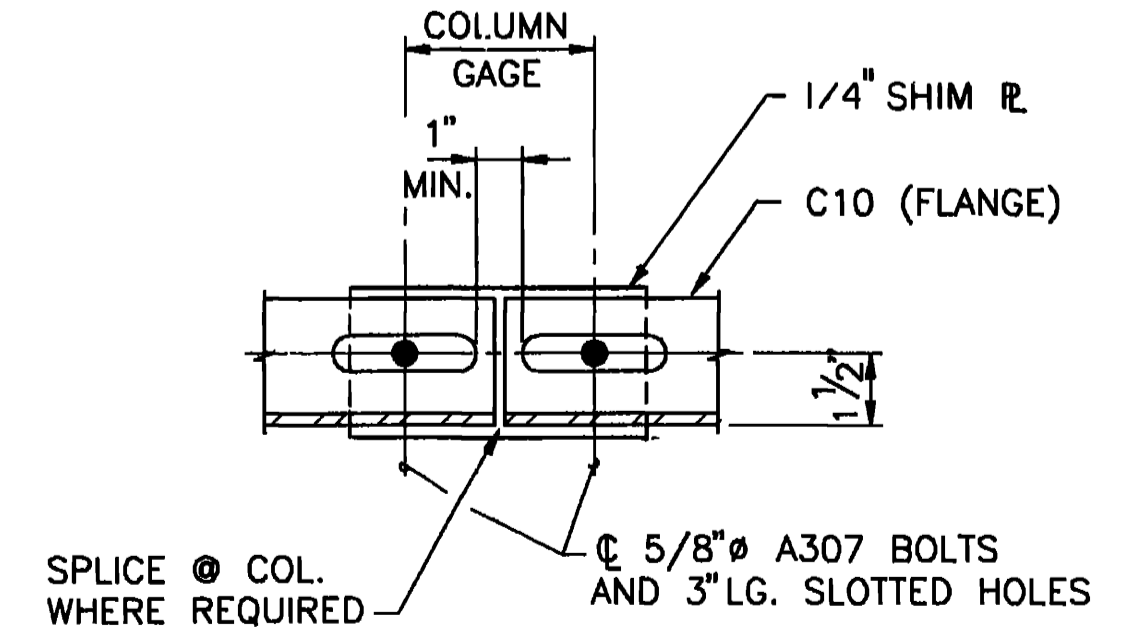
OVERHEAD DOOR FRAMING @ WALL TYPE V  
N.T.S.



SECTION 7  
N.T.S.

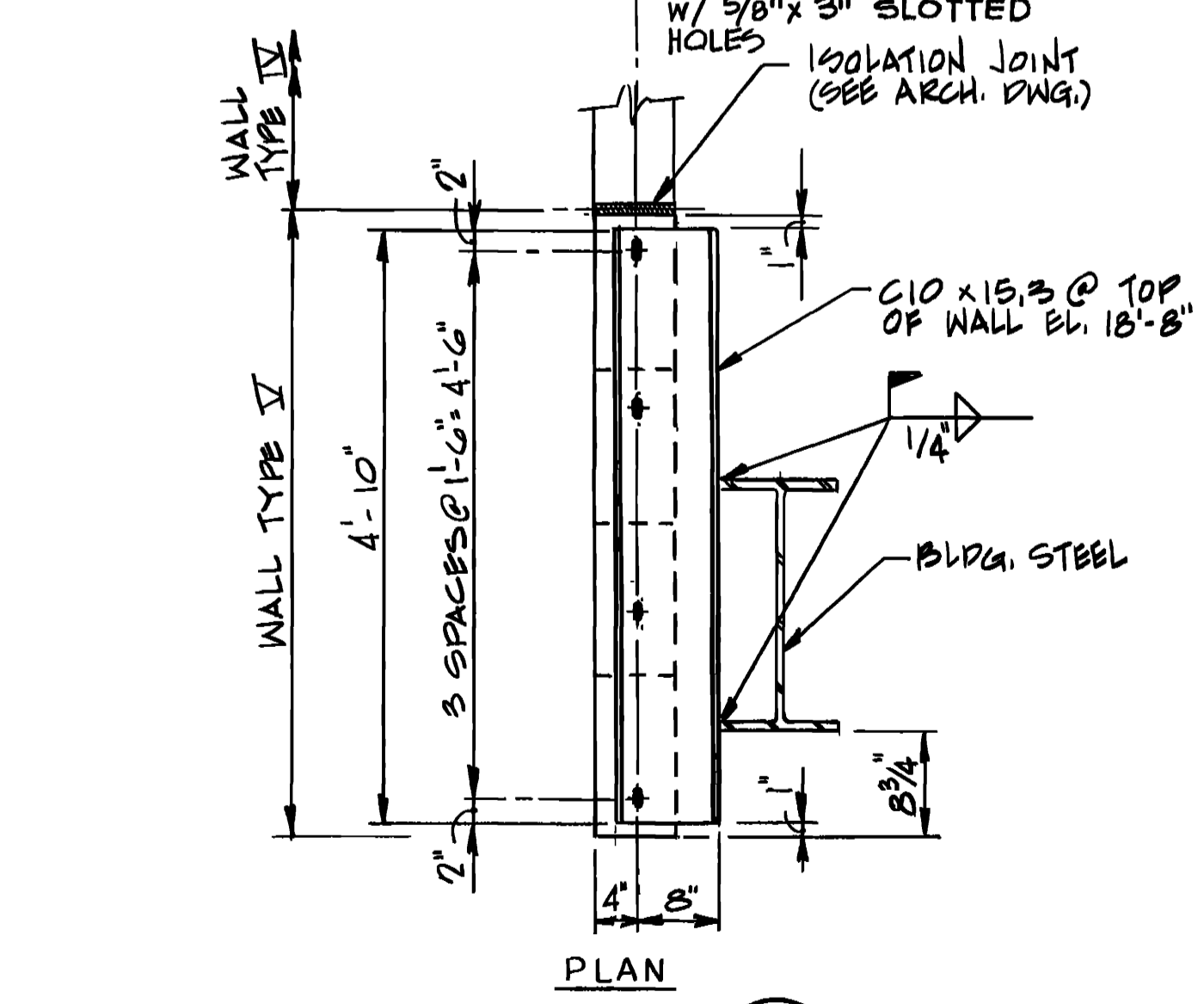


PLACEMENT OF REINFORCEMENT (±) 1/4"  
N.T.S.



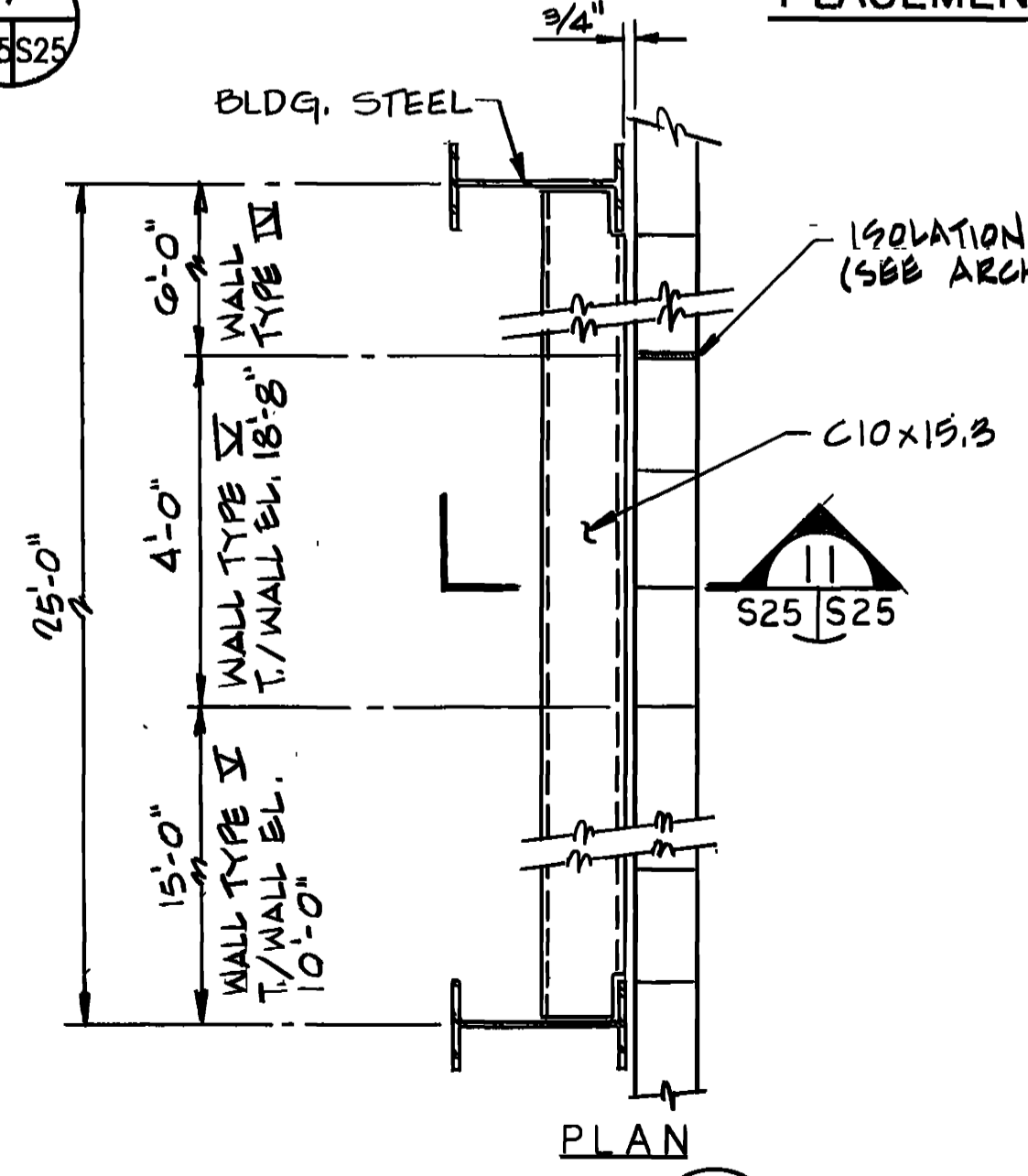
SECTION 8  
N.T.S.

(INSTALL NUTS "SNUG" TIGHT WITH 5/16" WASHERS AND DBL NUTS)

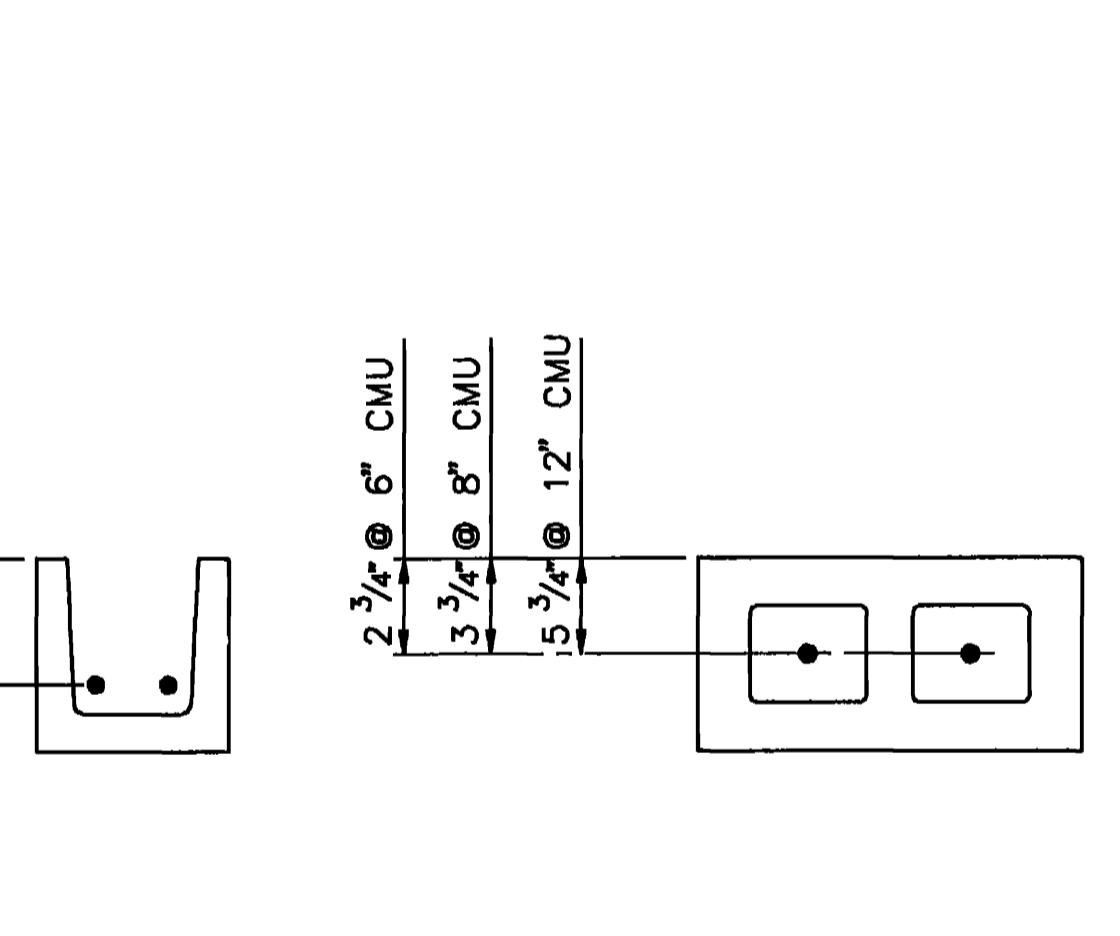


DETAIL 9  
N.T.S.

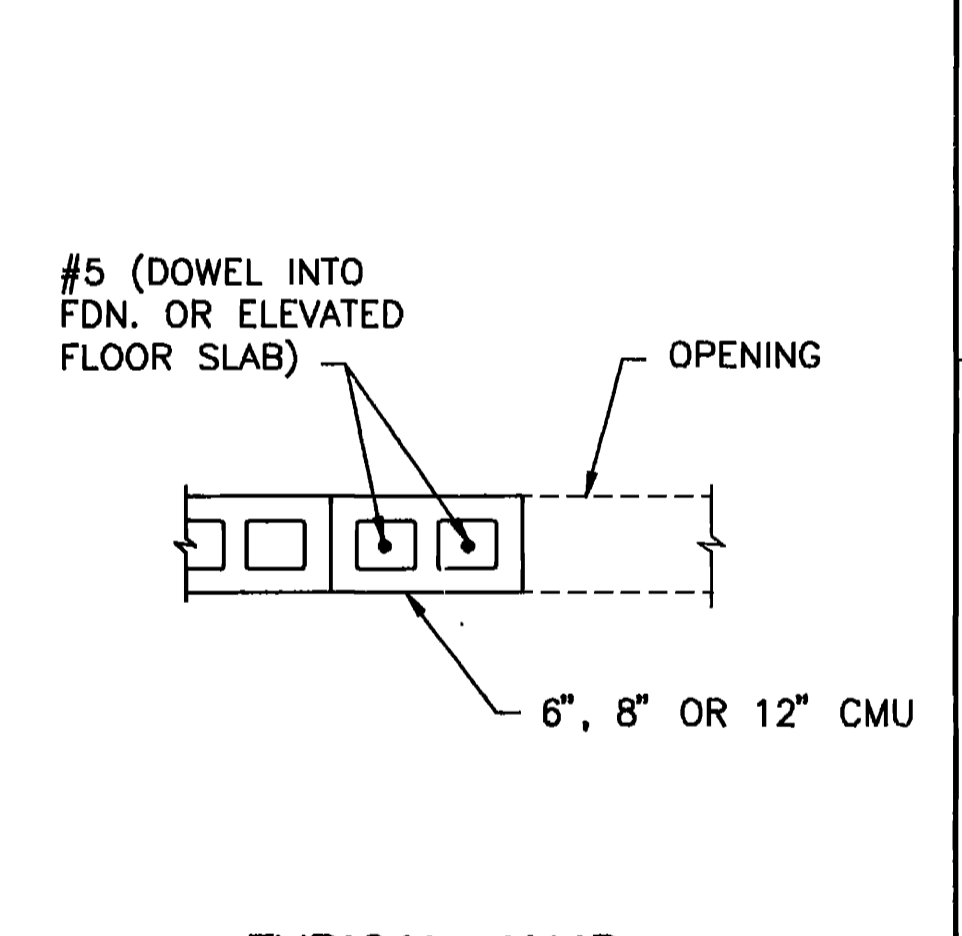
(INSTALL NUTS "SNUG" TIGHT WITH 5/16" WASHERS AND DBL NUTS)



DETAIL 10  
N.T.S.

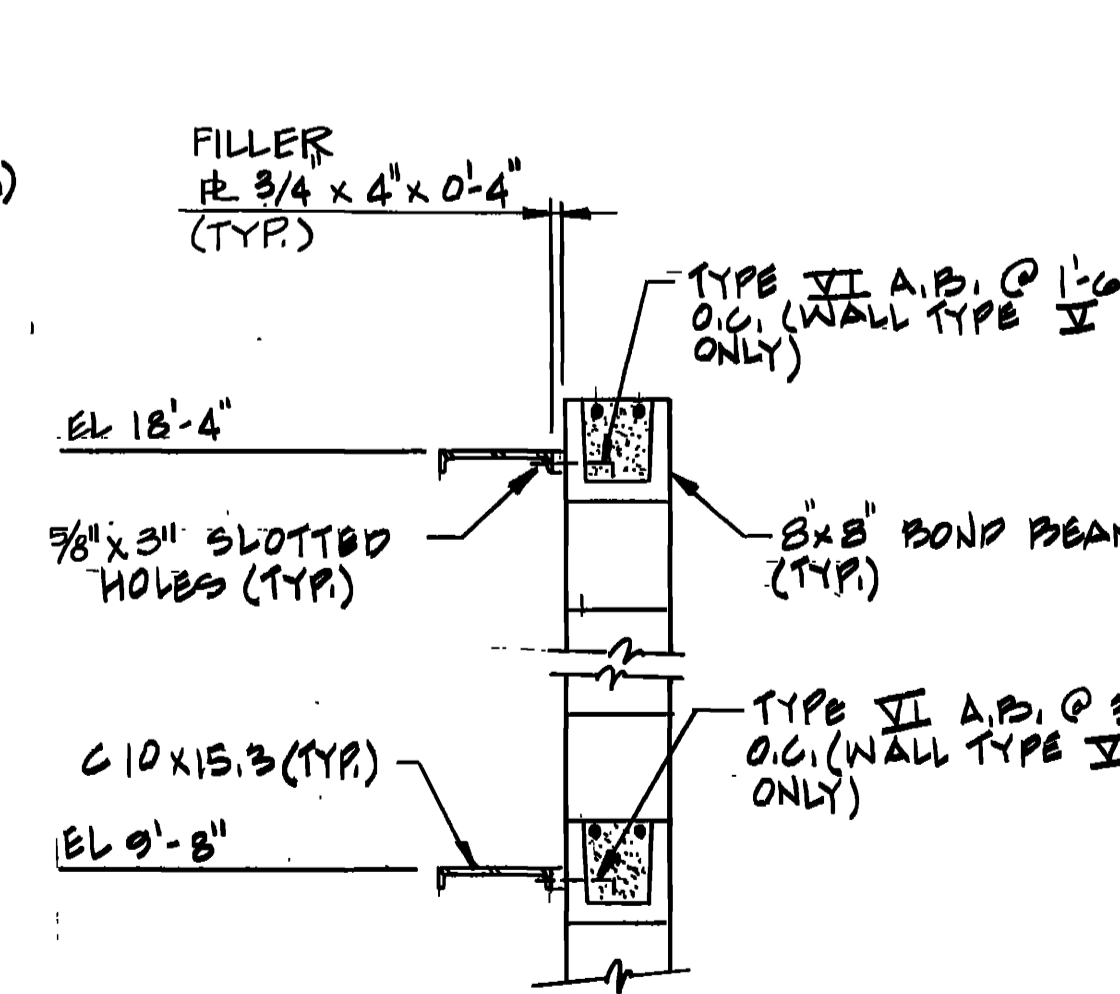


TYP. BOND BEAM  
BELOW OPENINGS  
N.T.S.



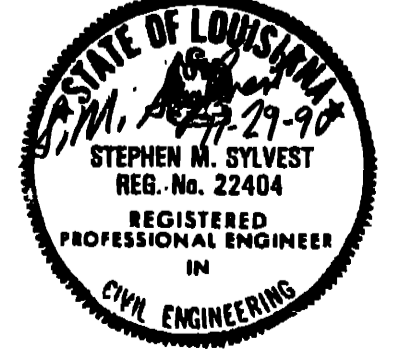
TYPICAL JAMB  
N.T.S.

SECTION 11  
N.T.S.

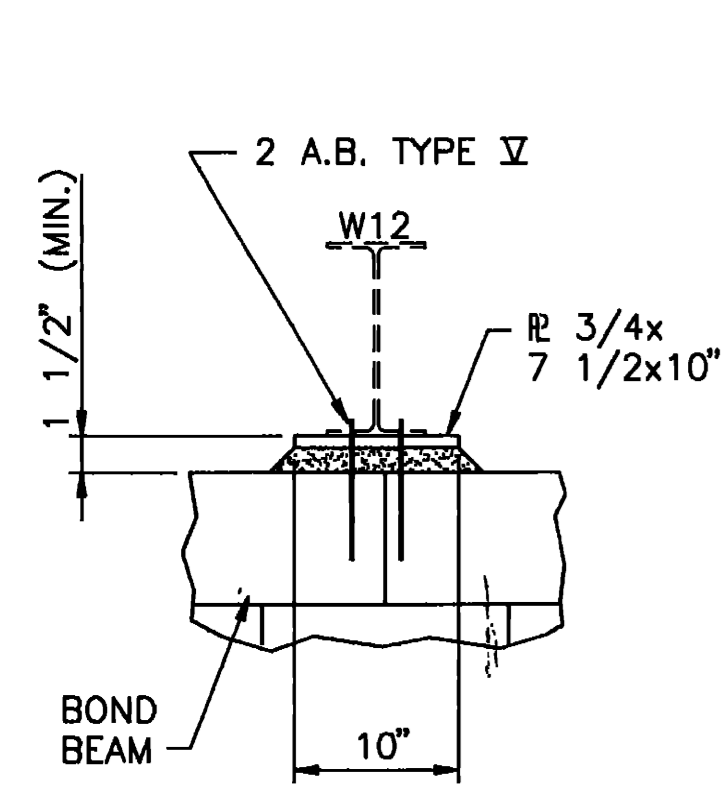


SECTION 11  
N.T.S.  
(INSTALL NUTS "SNUG" TIGHT WITH PROVIDED WASHERS & DBL NUTS)

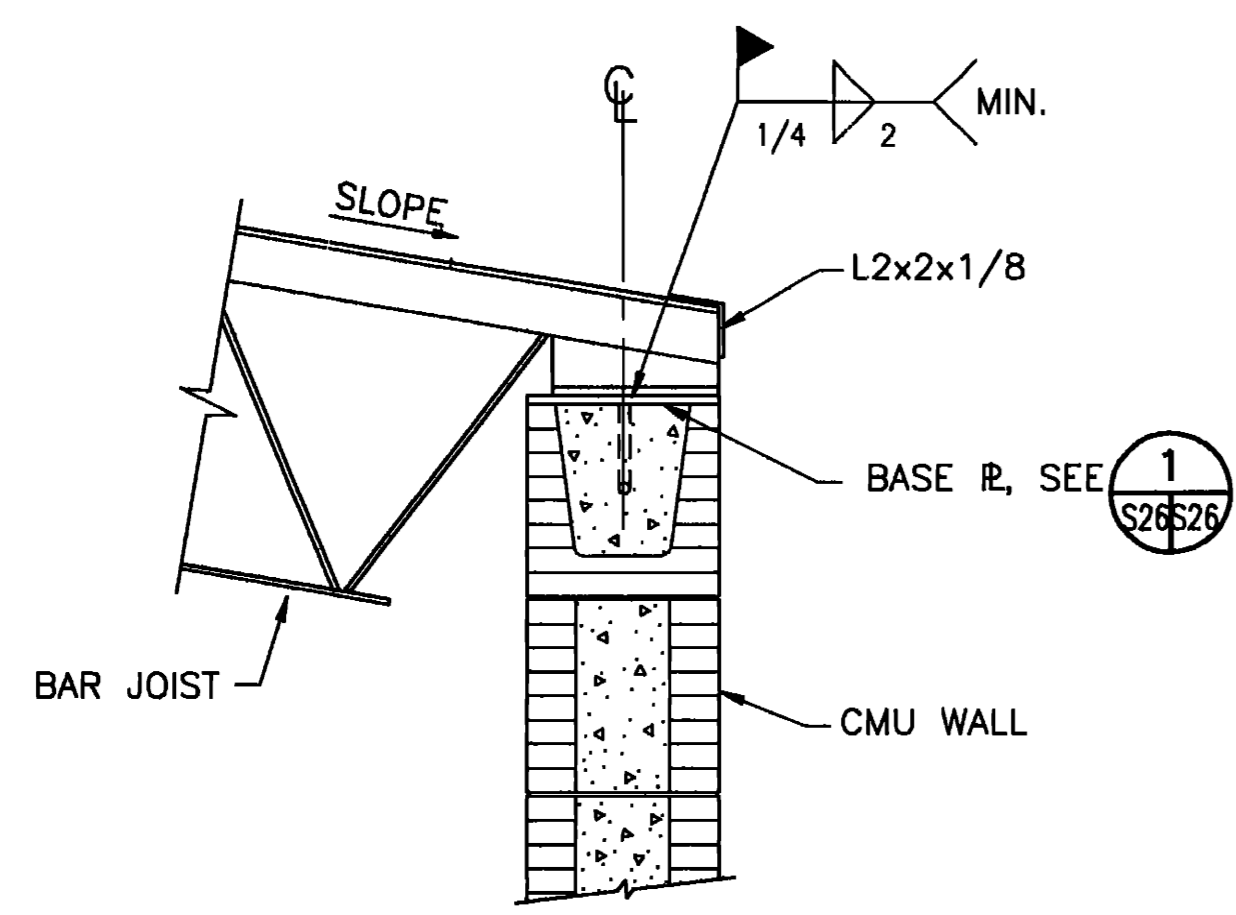
|  |                                |   |                         |
|--|--------------------------------|---|-------------------------|
| SYMBOL NO.                                 | ACTION                         | DATE                                    | DESCRIPTION OF REVISION |
| AMPC001                                    | REVISED TO REFLECT W.I. CHANGE | 4 JUN 92                                |                         |
| DESIGNED BY: S.M.S.                        |                                | U.S. ARMY ENGINEER DISTRICT, FORT WORTH |                         |
| DRAWN BY: M.N.                             |                                | CORPS OF ENGINEERS                      |                         |
| REVIEWED BY: E.L.                          |                                | FORT WORTH, TEXAS                       |                         |
| SUBMITTED BY: M.P.D.                       |                                | GOODFELLOW AIR FORCE BASE               |                         |
| ENGINEER: K.P.D.                           |                                | SAN ANGELO, TEXAS                       |                         |
| <b>FIRE TRAINING COMPLEX</b>               |                                |   |                         |
| <b>MASONRY WALL SECTIONS &amp; DETAILS</b> |                                |   |                         |
| <b>SHEET NO. 1</b>                         |                                |   |                         |
| CONTR. NO. DWG-92-C-0155                   | SOL. NO. DAC-92-B-009          | DATED JUN 1992                          | SEQUENCE NO. 188        |
| DRAWING NUMBER                             | SHEET NO. S25 OF 35            |   |                         |



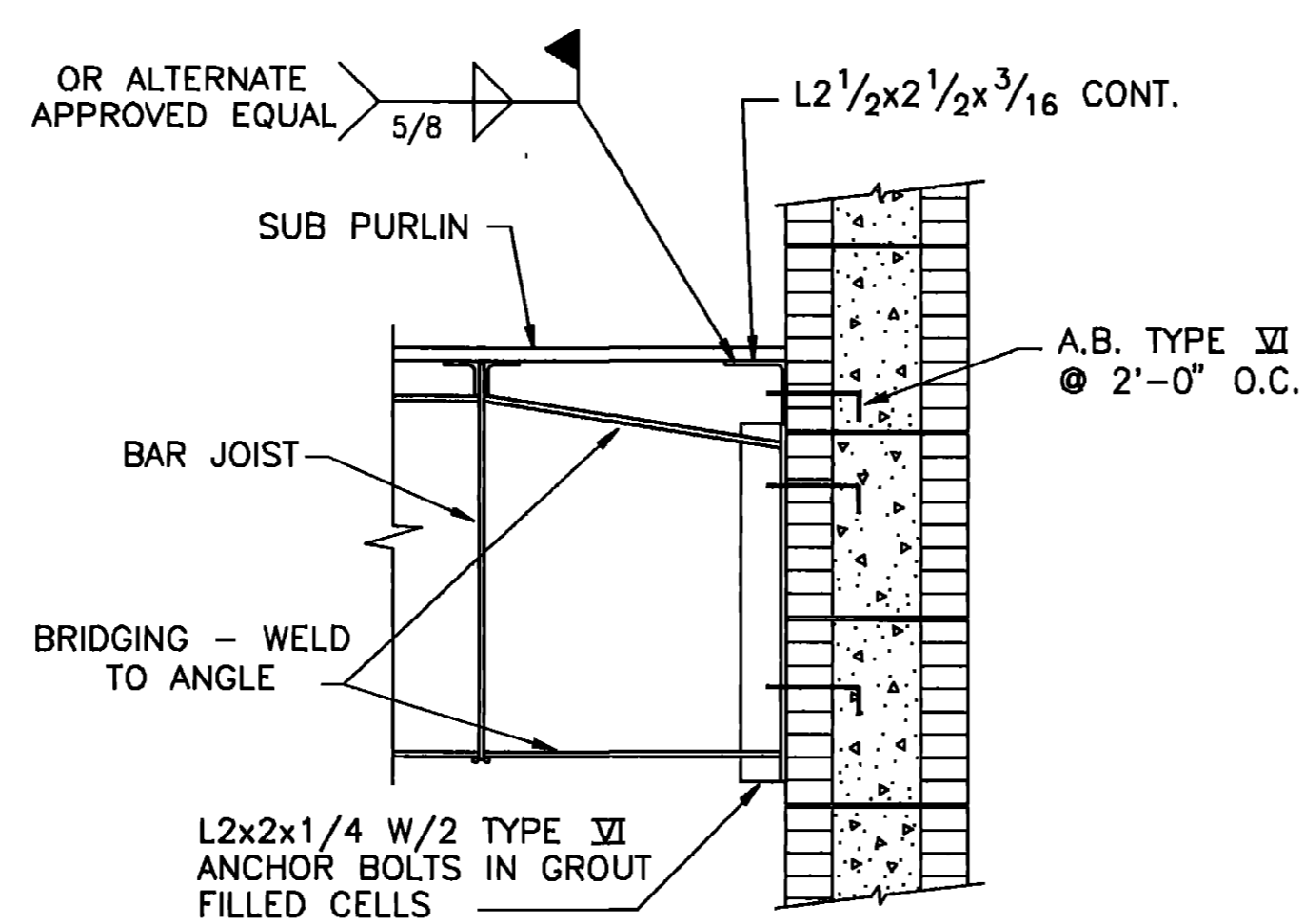
CONTR. NO. DWG-92-C-0155



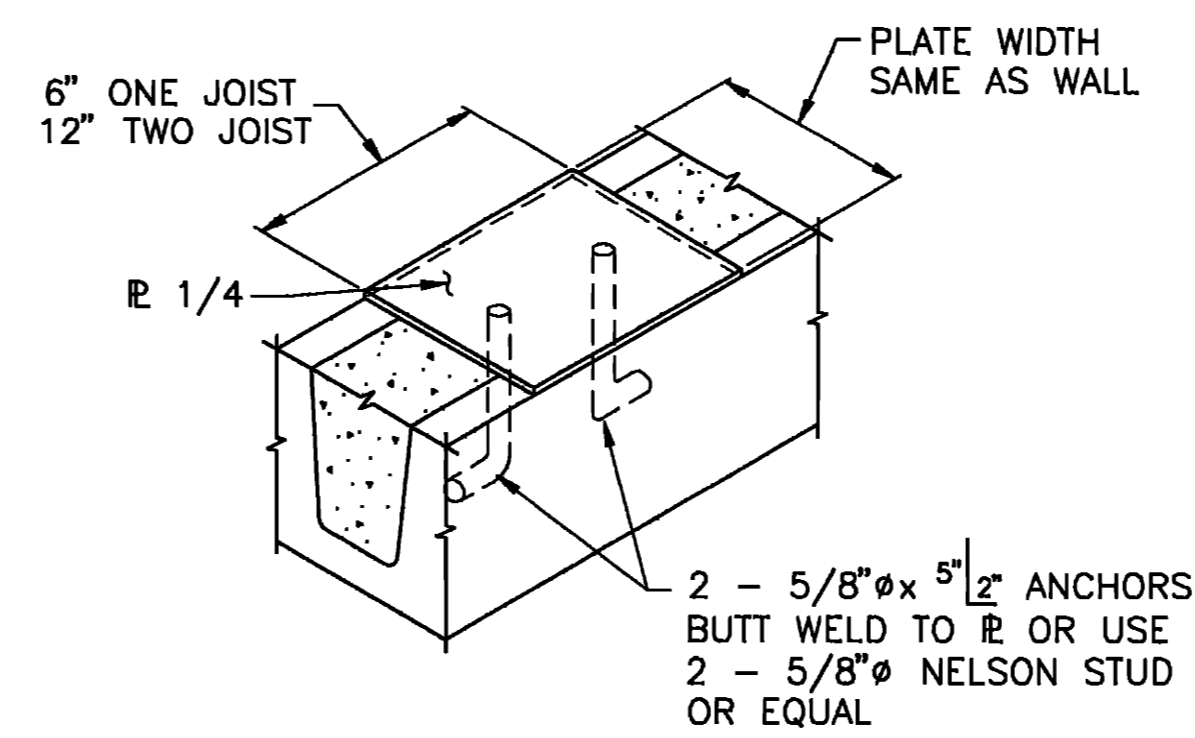
**TRUSS ANCHORAGE**  
N.T.S.



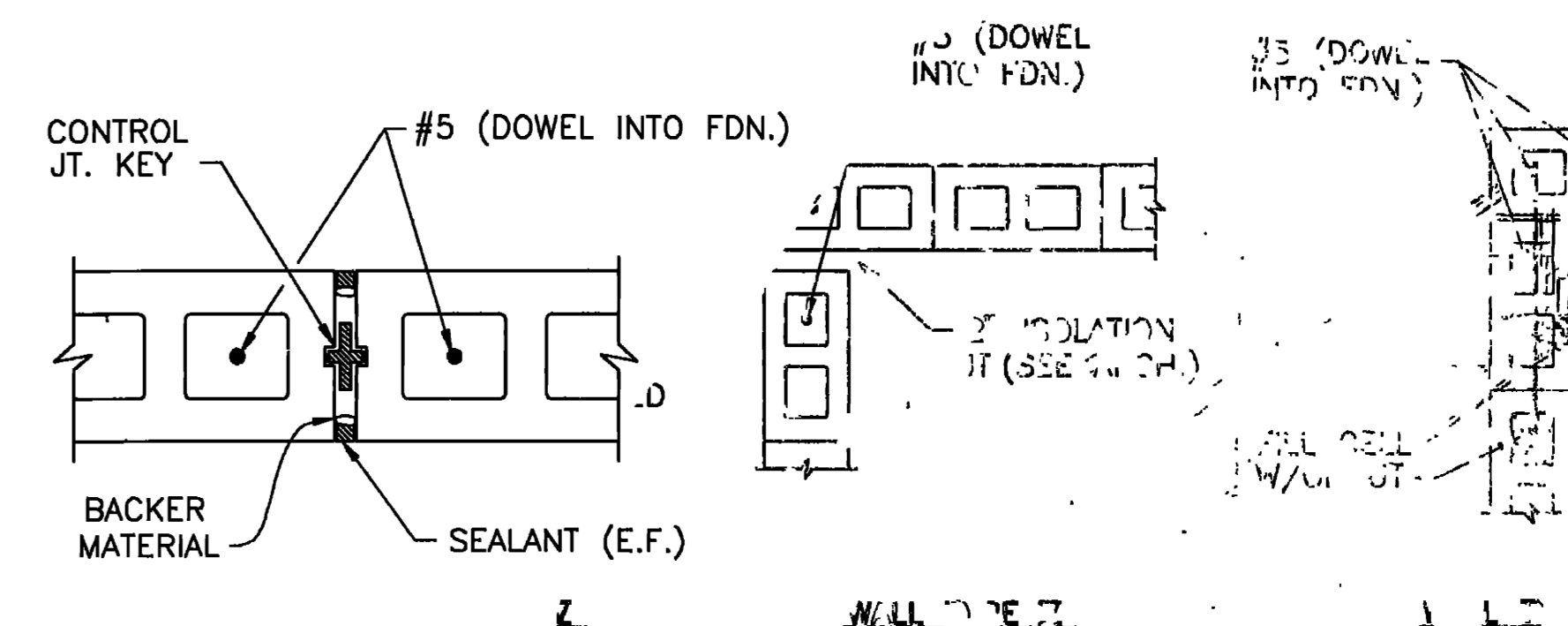
**BAR JOIST SUPPORT**  
N.T.S.



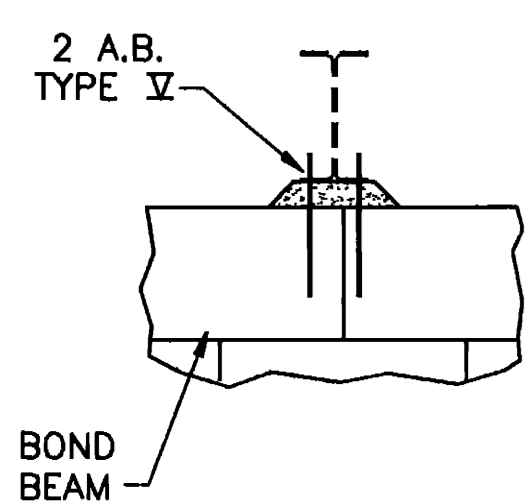
**DETAIL 7**  
N.T.S.



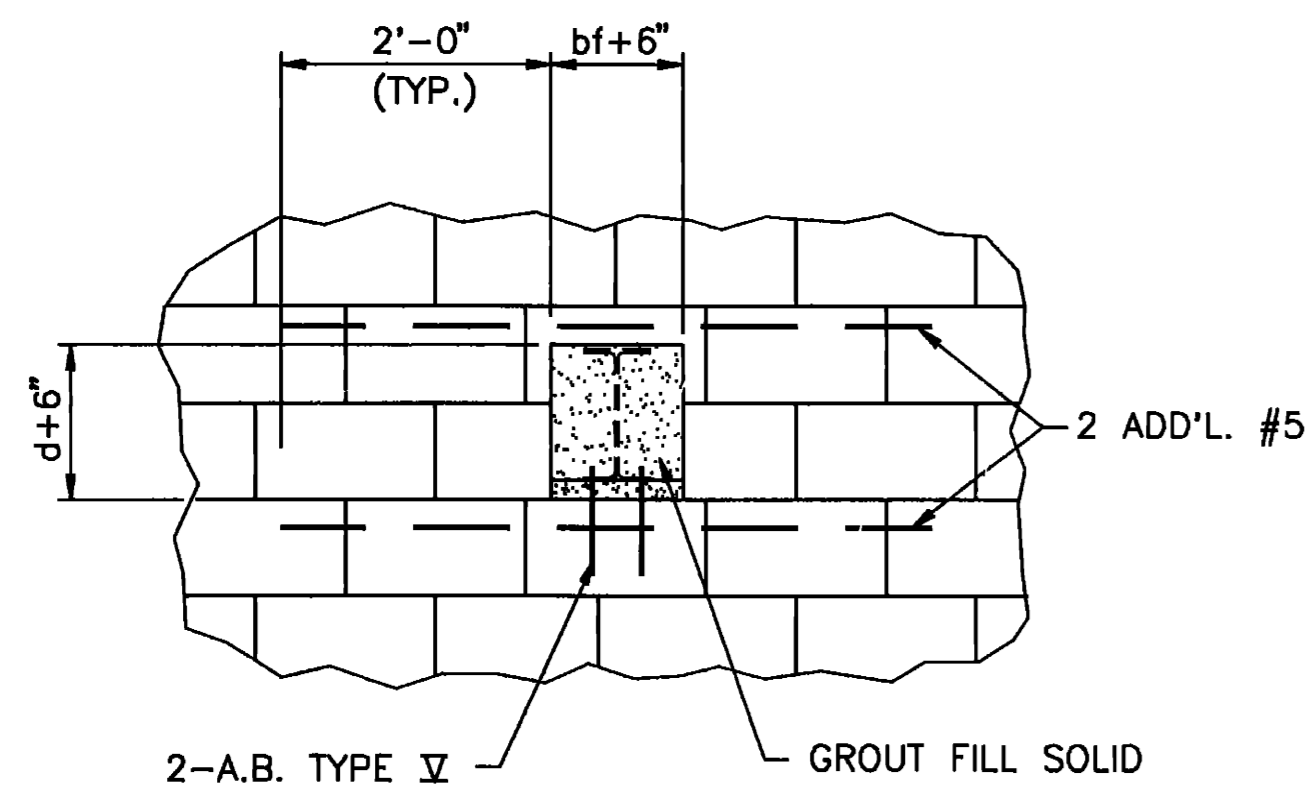
**DETAIL 1**  
N.T.S.



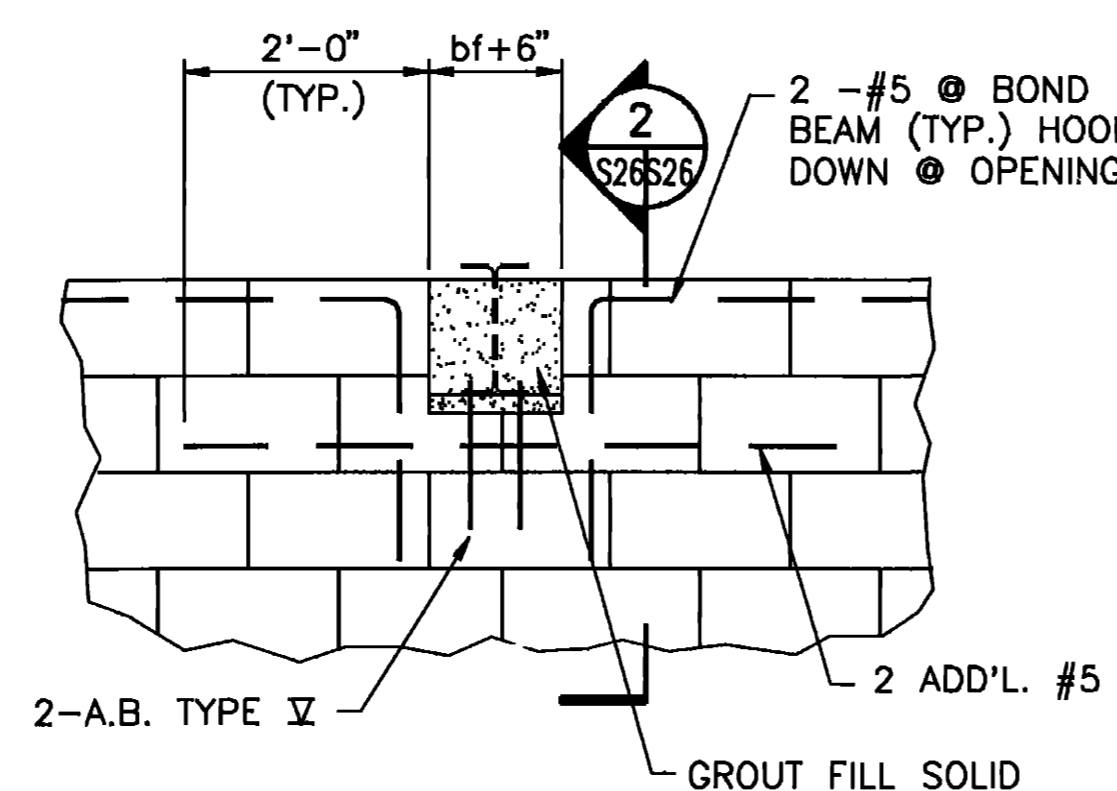
**TYPICAL CONTROL JOINT WALL CORNER AT END OF WALL**  
N.T.S.



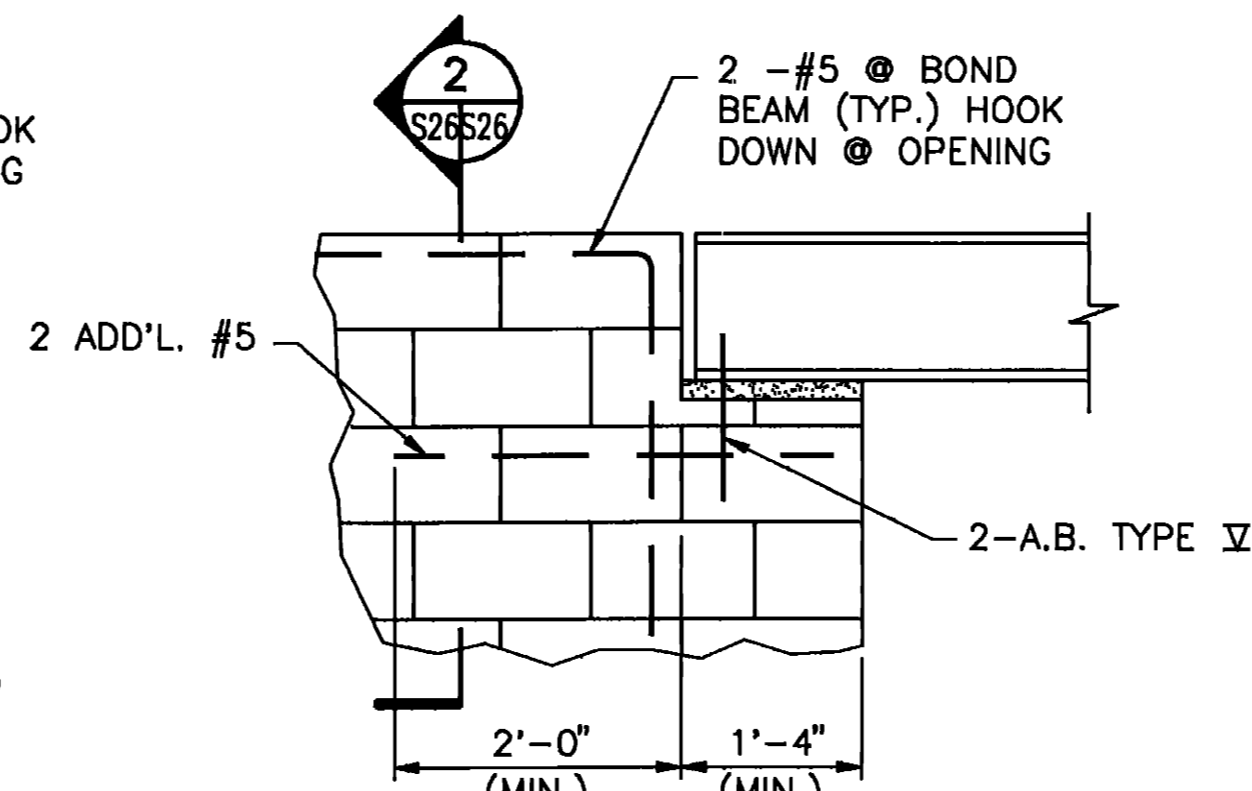
**DETAIL "A"**



**DETAIL "B"**

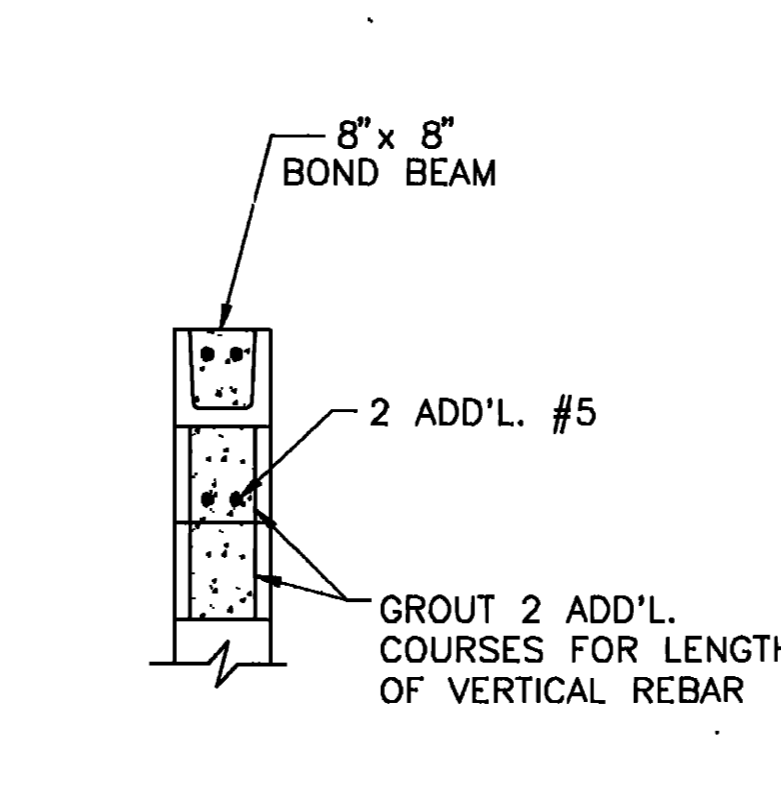


**DETAIL "C"**

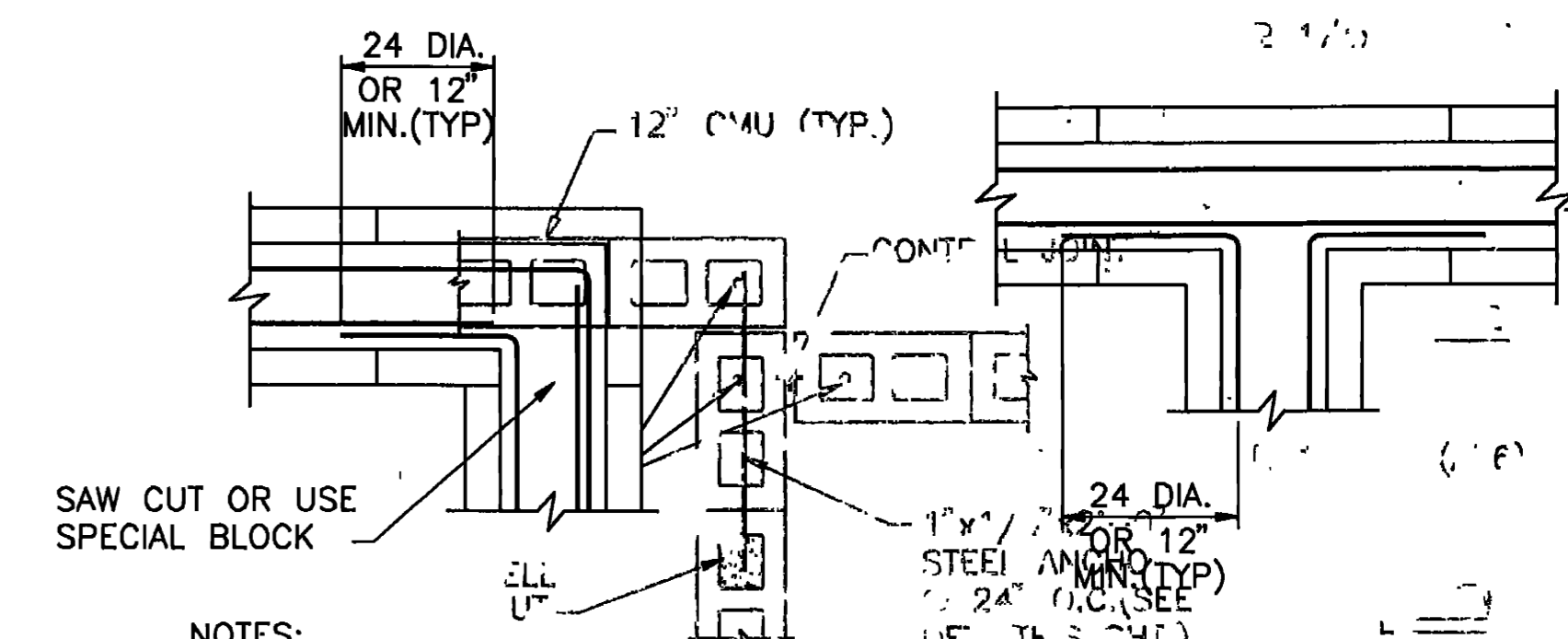


**DETAIL "D"**

**BEAM SUPPORT DETAILS**  
N.T.S.

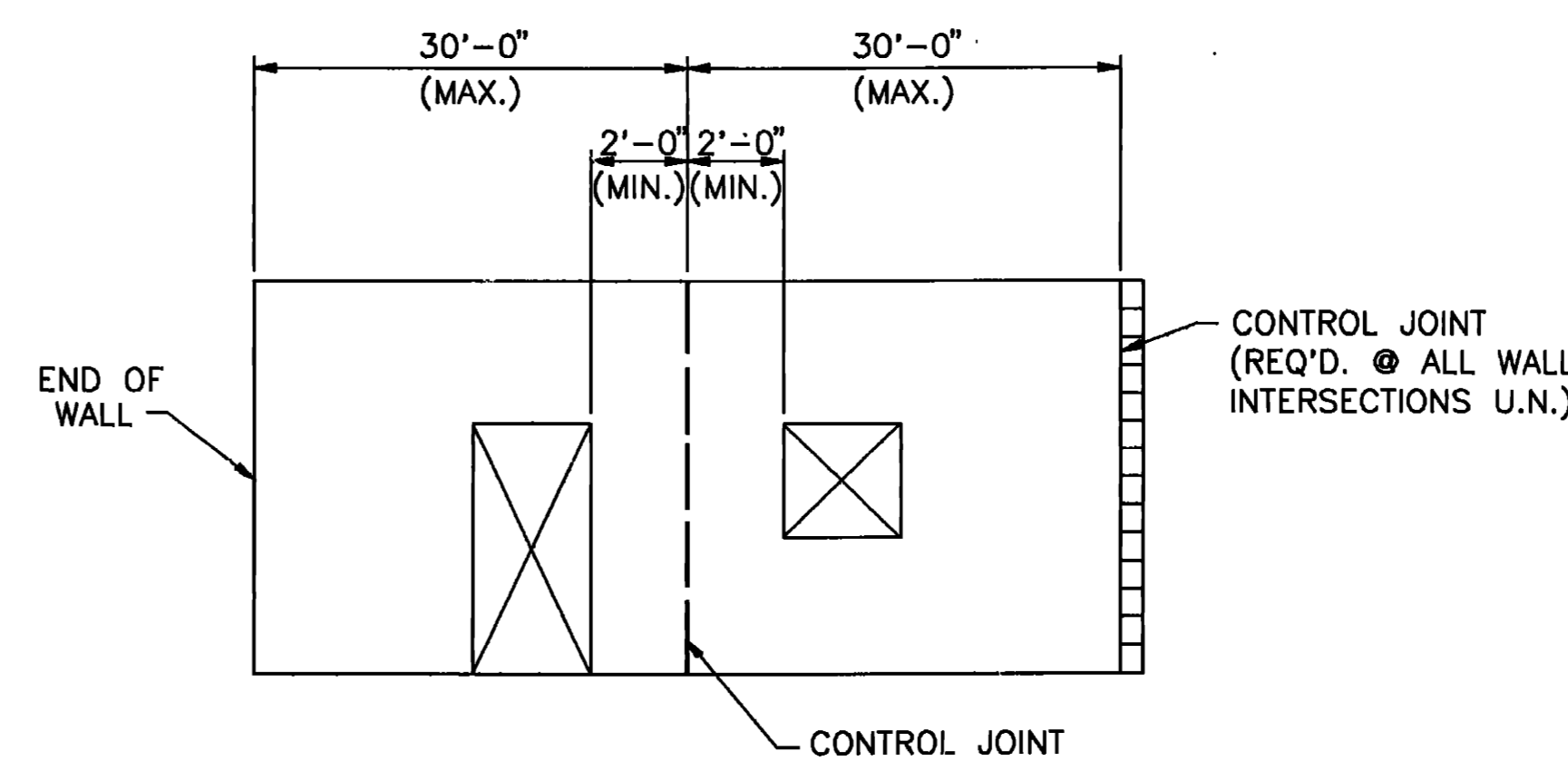


**SECTION 2**  
N.T.S.



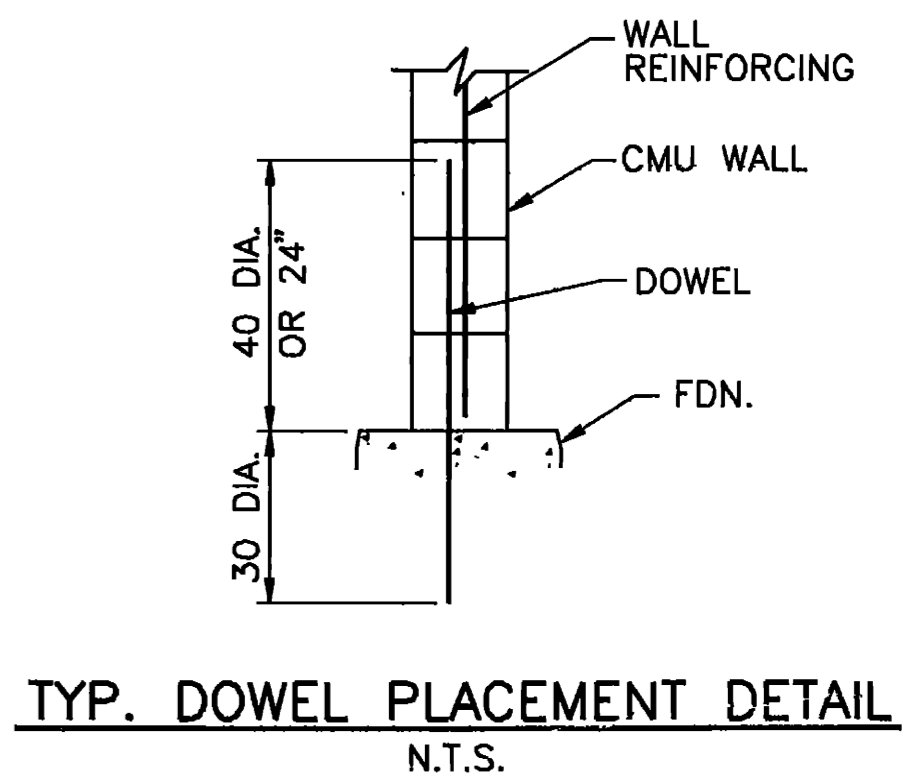
- NOTES:**
1. IF BOND BEAMS ARE NOT LOCATED AT THE SAME LOCATION, PROVIDE AN ADDITIONAL BOND BEAM IN THE HIGHER WALL AT THE SAME ELEVATION AS THE LOWER WALL BOND BEAM.
  2. BOND BEAMS FOR CMU SIMILAR WITH ONE BAR.

**BOND BEAM CORNER** and **BOND BEAM INTERSECTION**  
N.T.S.

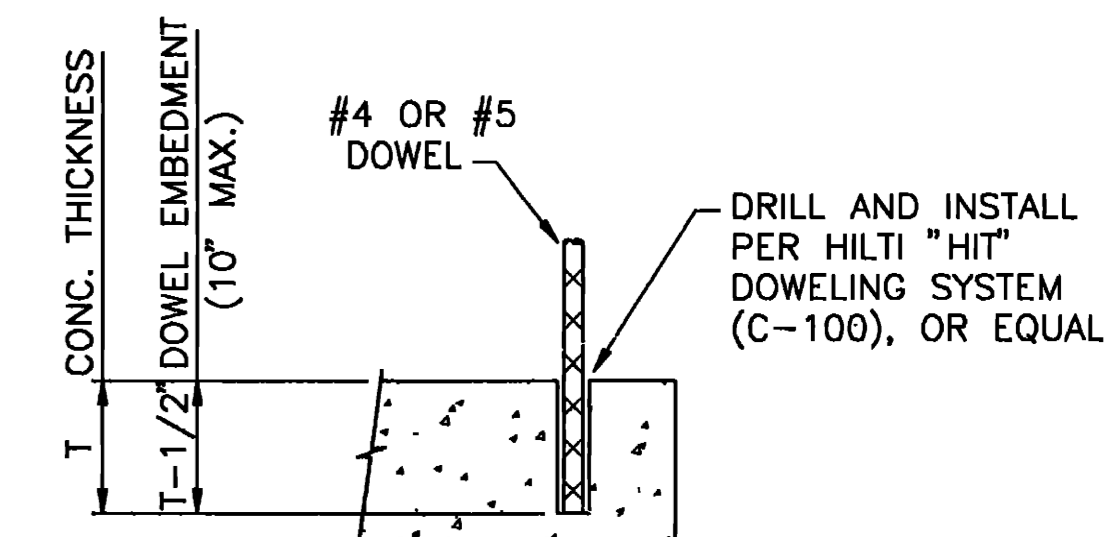


**CONTROL JOINT SPACING @ WALL TYPES I, II, III, IV & V**

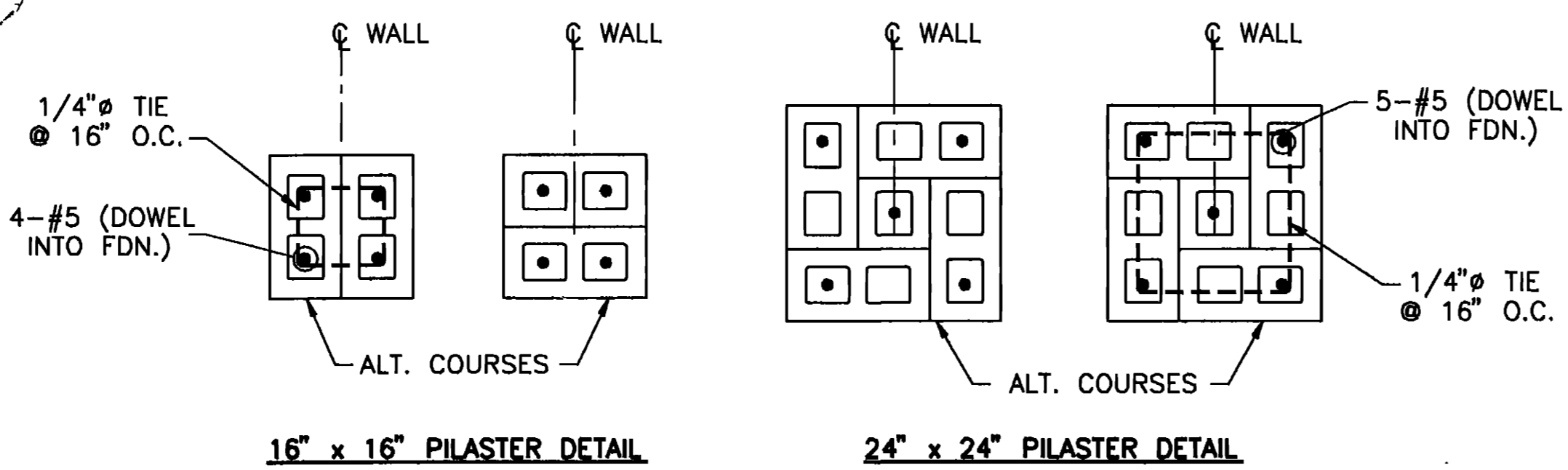
- NOTES:**
1. WALLS  $\leq$  30 FT. REQUIRE NO INTERMEDIATE CONTROL JOINT.
  2. WALL TYPE V SHALL HAVE AN ISOLATION JOINT AT ALL WALL INTERSECTIONS.
  3. SEE ARCH. DWG. FOR DRILL TOWER CONTROL JOINT LOCATIONS.
  4. NO INTERMEDIATE CONTROL JOINTS ARE REQUIRED AT THE STRUCTURAL BURN HOUSE



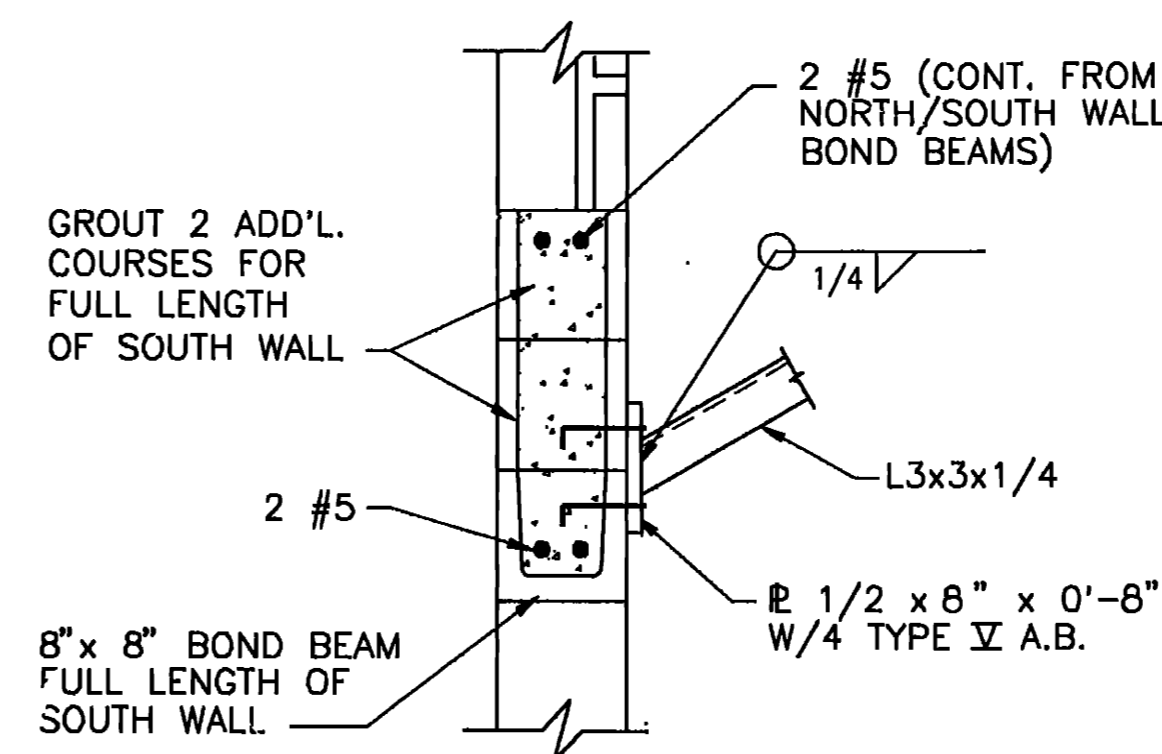
**TYP. DOWEL PLACEMENT DETAIL**  
N.T.S.



**ALT. DOWEL PLACEMENT DETAIL**  
N.T.S.



**PILASTER DETAILS**  
N.T.S.  
REF. SHT. S3



**SECTION 8**  
N.T.S.

**NOTE:** REFER TO SPECIFICATION 04200, PART 2 TO DETERMINE THE MINIMUM EQUIVALENT THICKNESS REQUIRED. THE MINIMUM THICKNESS OF GROUT BETWEEN THE REINFORCEMENT AND MASONRY SHALL BE 1/4" FOR FINE GROUT OR 1/2" FOR COARSE GROUT.

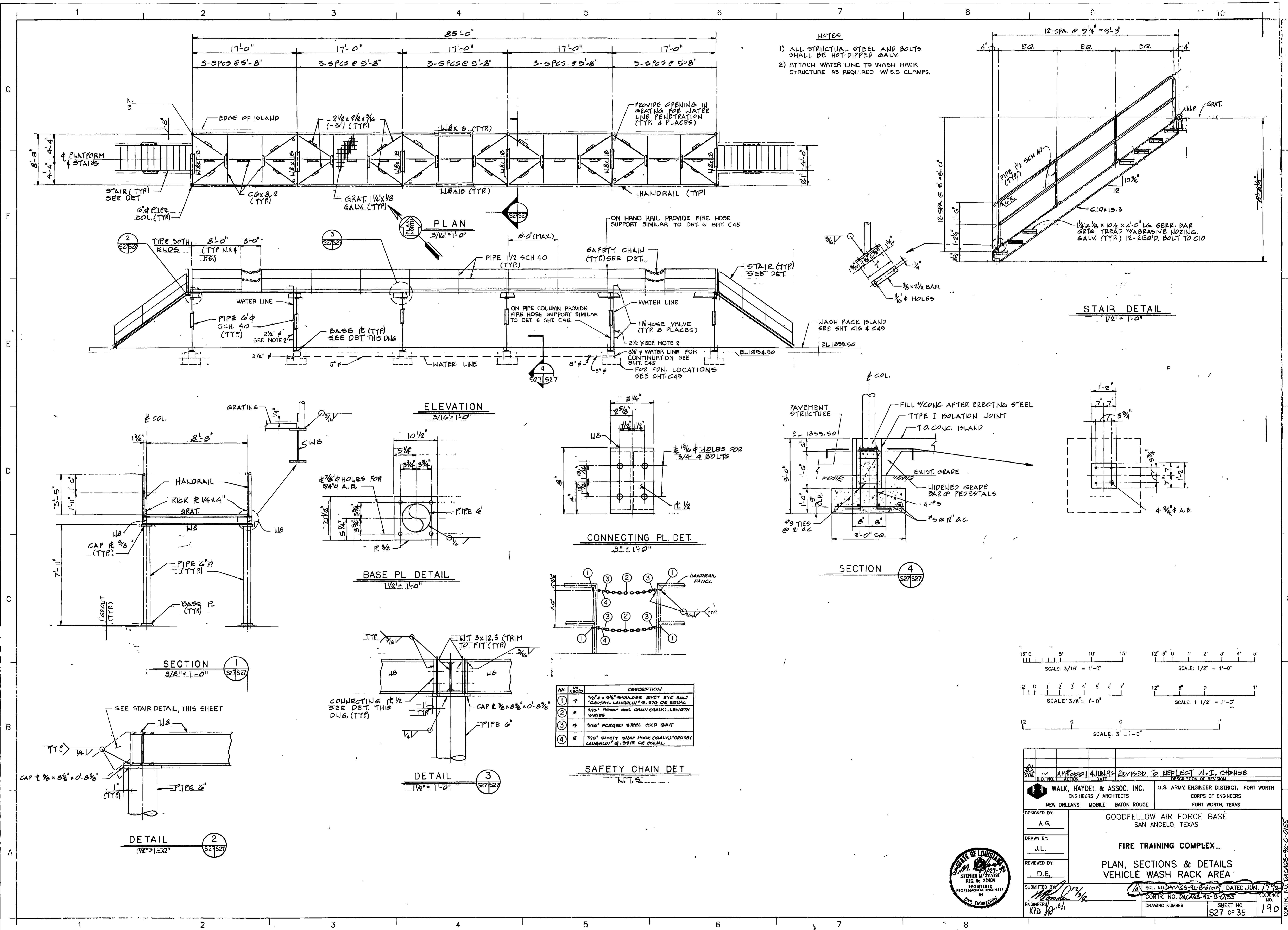
|                                |   |   |      |
|--------------------------------|---|---|------|
| AM#2004-334672                 |   | REMOVED FIRE WALL DETAILS               |      |
| AM#0001-4JUN.92                |   | REVISED TO REFLECT K.I. CHANGE          |      |
| SYM.                           | D.O. NO.                                  | ACTION                                  | DATE |
| WALK, HAYDEL & ASSOC. INC.     |   | U.S. ARMY ENGINEER DISTRICT, FORT WORTH |      |
| ENGINEERS / ARCHITECTS         |   | CORPS OF ENGINEERS                      |      |
| NEW ORLEANS MOBILE BATON ROUGE |   | FORT WORTH, TEXAS                       |      |
| DESIGNED BY:                   | GOODFELLOW AIR FORCE BASE                 |   |      |
| S.M.S.                         | SAN ANGELO, TEXAS                         |   |      |
| DRAWN BY:                      | FIRE TRAINING COMPLEX                     |   |      |
| M.N.                           | MASONRY WALL SECTIONS & DETAILS           |   |      |
| REVIEWED BY:                   | SHEET NO. 2                               |   |      |
| E.L.                           | SOL. NO. DACAG3-92-B-0191 DATED JUN. 1992 |   |      |
| SUBMITTED BY: MWD 12/1/92      |   | CONTR. NO. DACAG3-92-C-0155             |      |
| ENGINEER: KPD 10/91            |   | DRAWING NUMBER                          |      |
|                                |   | SHEET NO. 189                           |      |
|                                |   | S26 OF 35                               |      |



CONTR. NO. DACAG3-92-C-0155

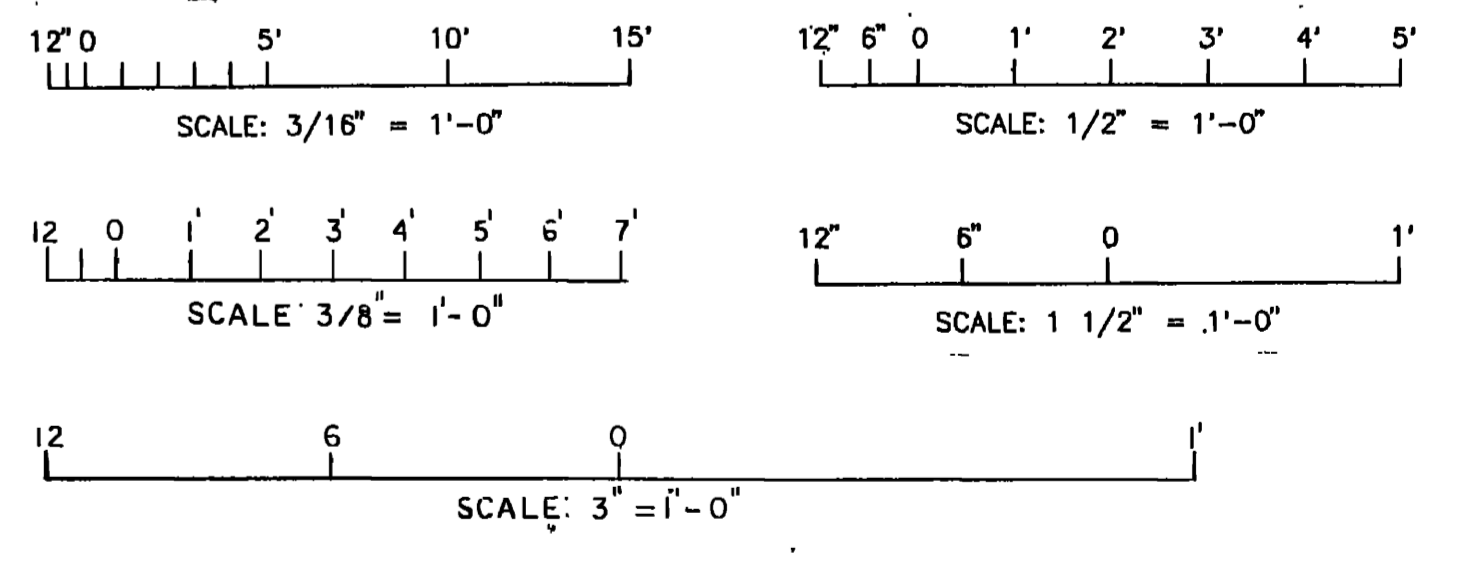


82



**NOTES**  
 1) ALL STRUCTURAL STEEL AND BOLTS SHALL BE HOT-DIPPED GALV.  
 2) ATTACH WATER LINE TO WASH RACK STRUCTURE AS REQUIRED W/S.S. CLAMPS.

| NO. | QTY | DESCRIPTION   |
|-----|-----|---|
| 1   | 4   | 3/8" x 3/4" SHOULDER BOLT EYE BOLT CROSSBY LAUGHLIN'S G. 5/16" O.E. EQUAL |
| 2   | 2   | 3/4" PROOF COIL CHAIN (GALV.) LENGTH VARIES                               |
| 3   | 4   | 3/16" FORGED STEEL COLD SHUT  |
| 4   | 2   | 7/16" SAFETY SNAP HOOK (GALV.) CROSSBY LAUGHLIN'S G. 5/16" O.E. EQUAL     |



AM 2001 JUN 92 REVISED TO REFLECT W.T. CHANGE

**WALK, HAYDEL & ASSOC. INC.**  
 ENGINEERS / ARCHITECTS  
 NEW ORLEANS MOBILE BATON ROUGE

**U.S. ARMY ENGINEER DISTRICT, FORT WORTH**  
 CORPS OF ENGINEERS  
 FORT WORTH, TEXAS

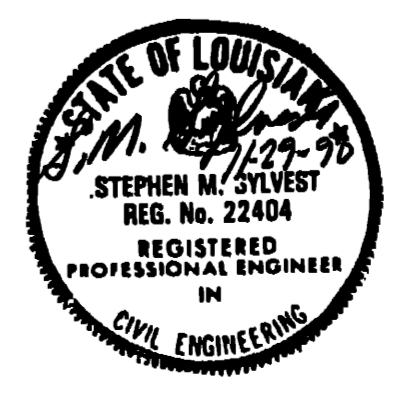
DESIGNED BY: A.G.  
 DRAWN BY: J.L.  
 REVIEWED BY: D.E.

GOODFELLOW AIR FORCE BASE  
 SAN ANGELO, TEXAS

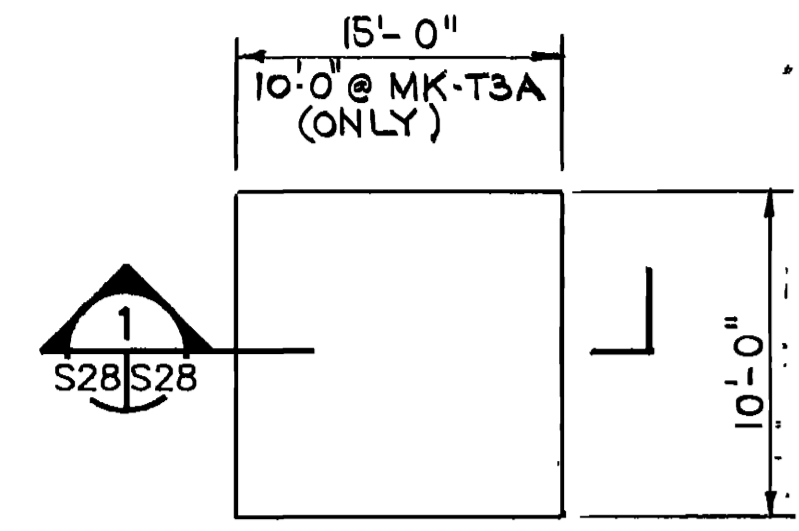
**FIRE TRAINING COMPLEX**  
**PLAN, SECTIONS & DETAILS**  
**VEHICLE WASH RACK AREA**

SUBMITTED BY: [Signature]  
 ENGINEER: KYD

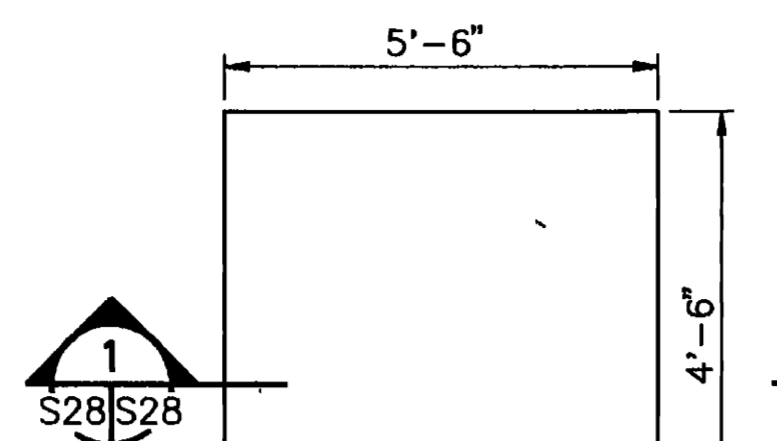
SOL. NO. DACS-12-8100 DATED JUN. 17 1992  
 CONTR. NO. DACG-92-C-0155  
 DRAWING NUMBER: S27 OF 35  
 SHEET NO. 190



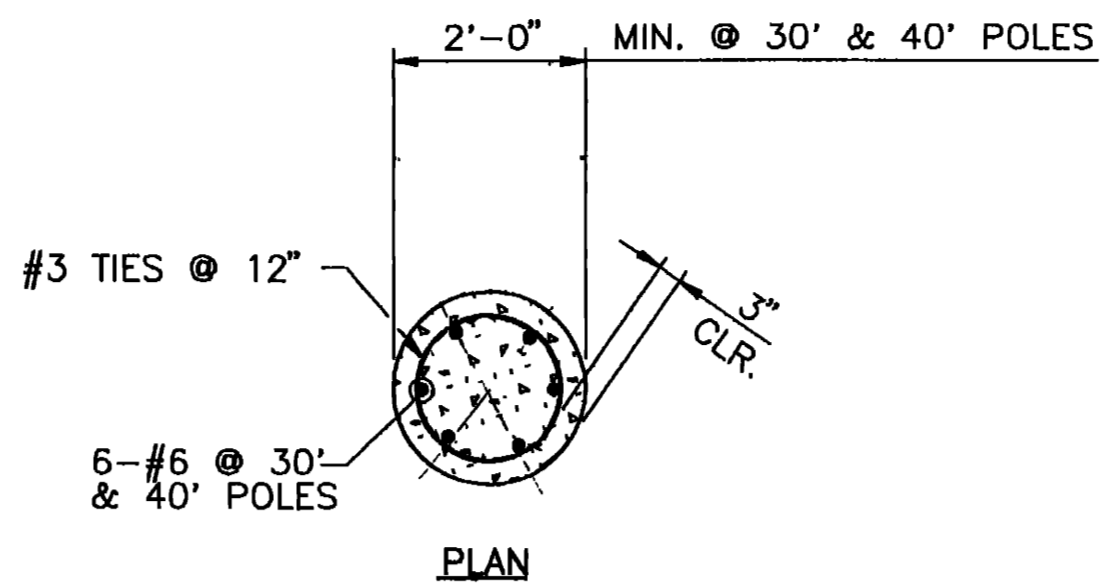
CONTR. NO. DACS-92-C-0155



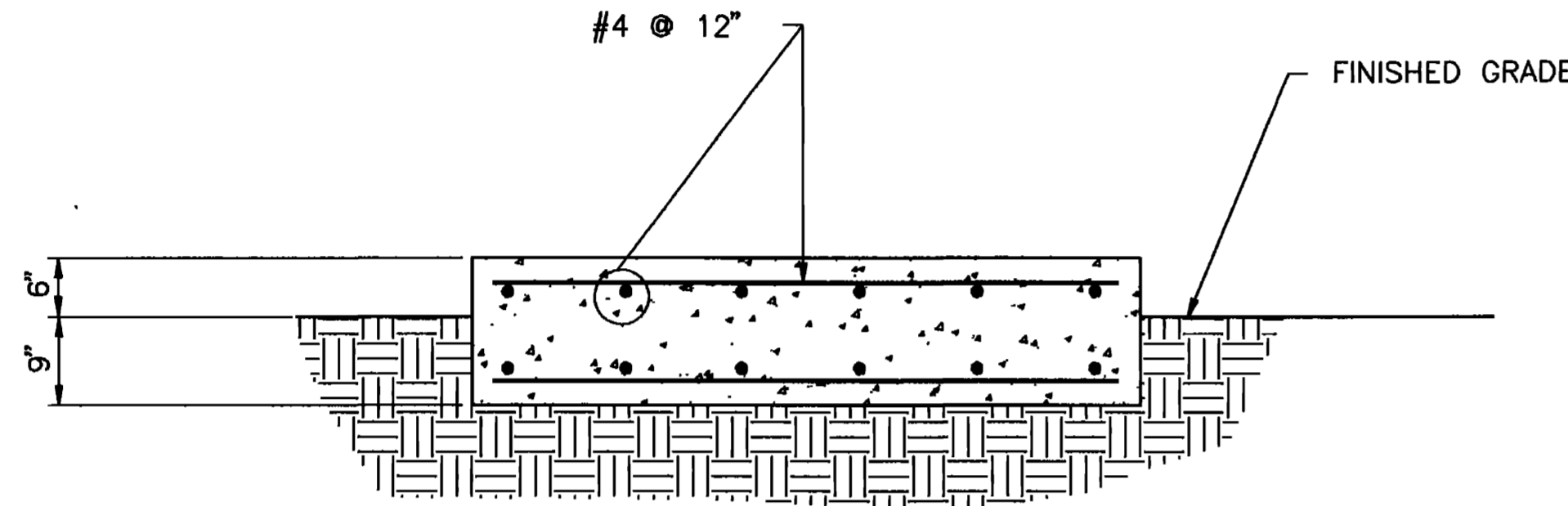
**TRANSFORMER FOUNDATION PLAN**  
 (4-REQ'D. MK-T1A, T2A, T3A, & T4A)  
 FOR ORIENTATION SEE EU 33



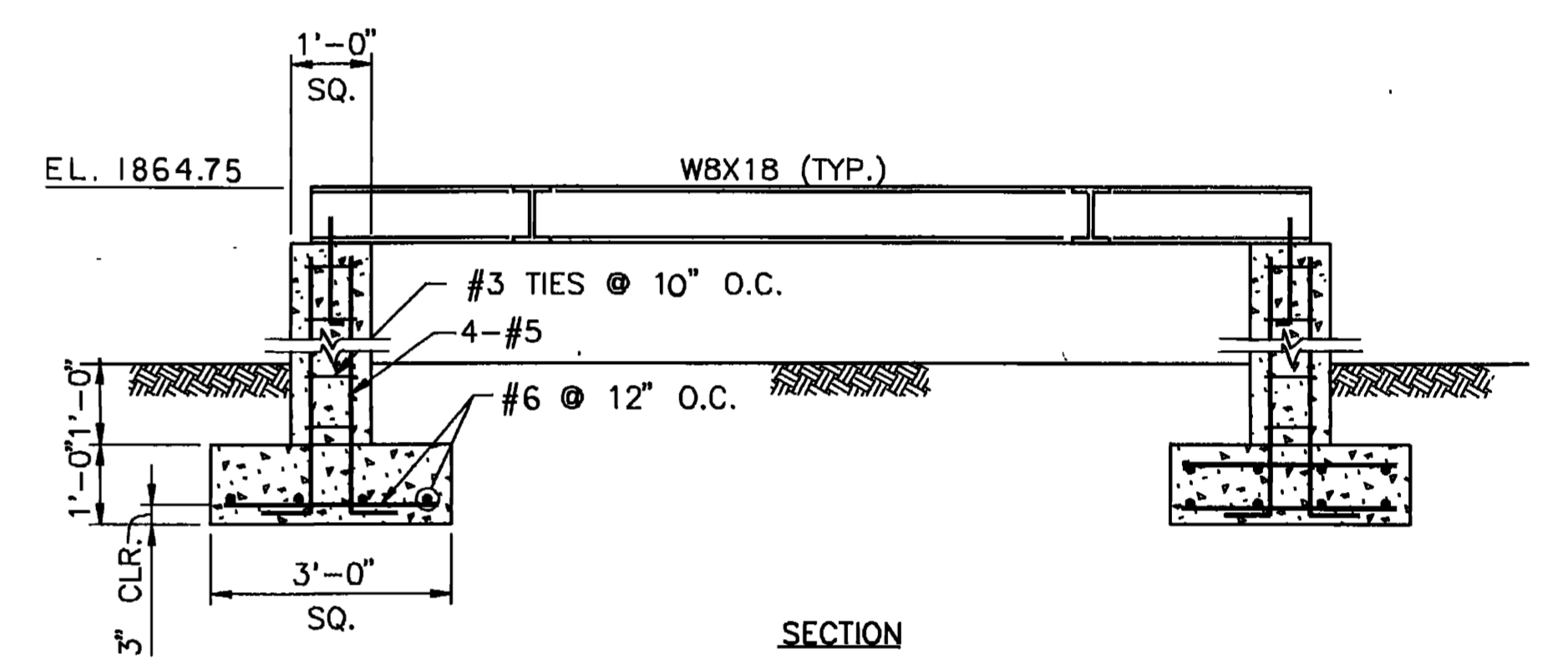
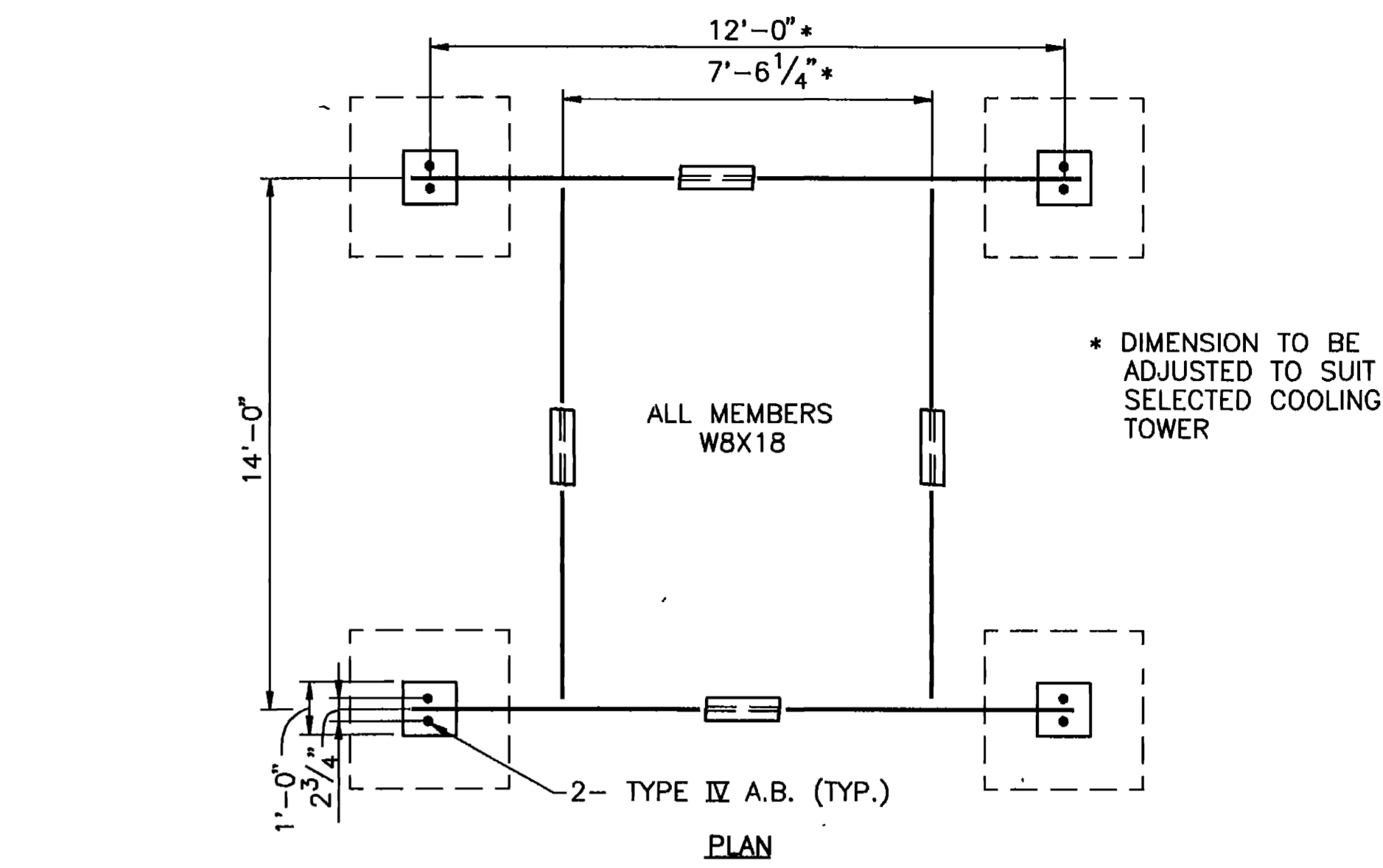
**SWITCH MOUNTING PAD**  
 (2-REQ'D. MK-S1 & S2)  
 REF. DWG. EU 32  
 (3-REQ'D. REF. DWG. EU 34)  
 (1-REQ'D. REF. DWG. EU 35)



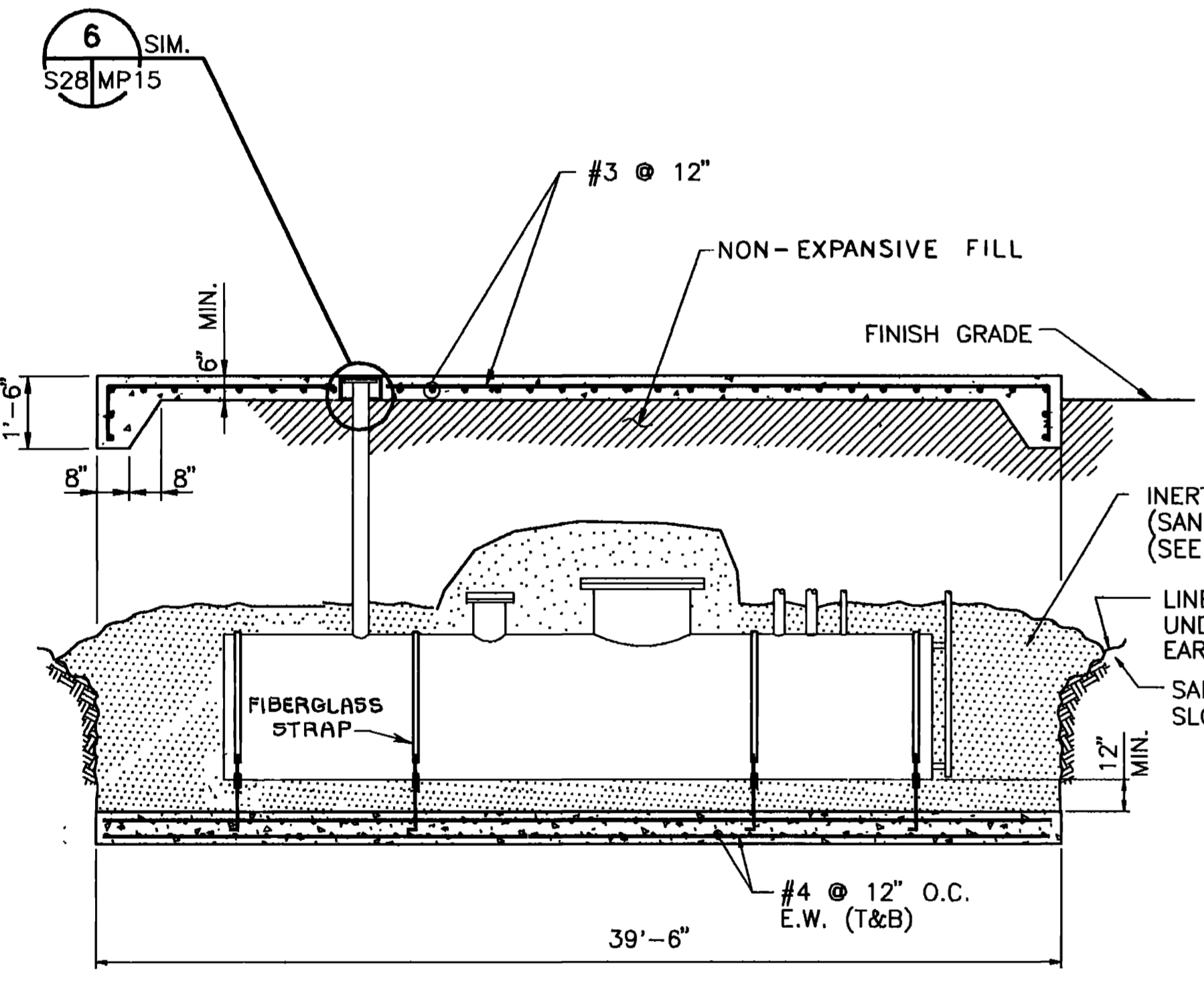
**LIGHT POLE FOUNDATION DETAIL**  
 REF. DWG. EU 37



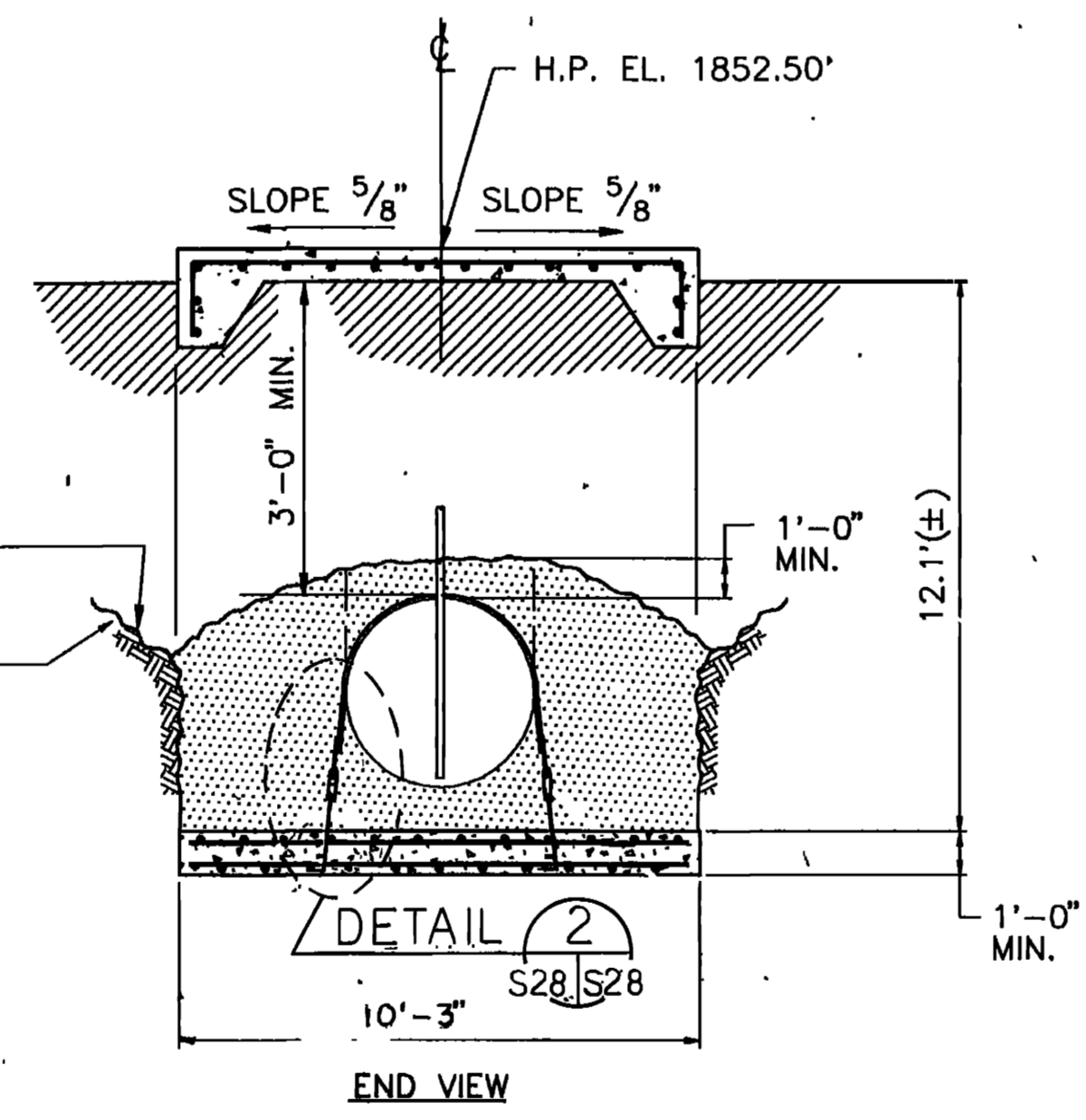
**SECTION 1**  
 S28/S28



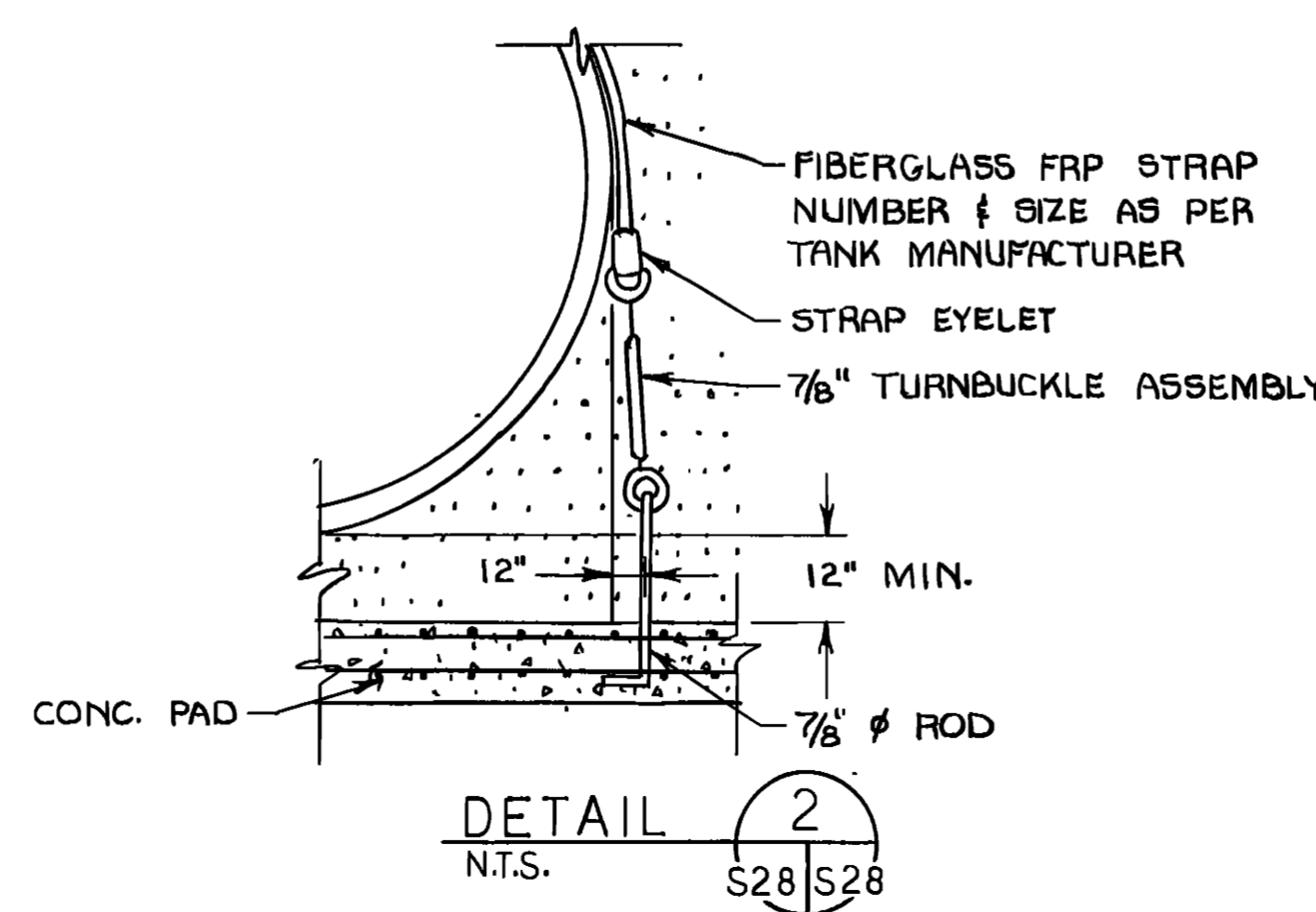
**COOLING TOWER FRAMING DETAIL**  
 REF. DWG. M16



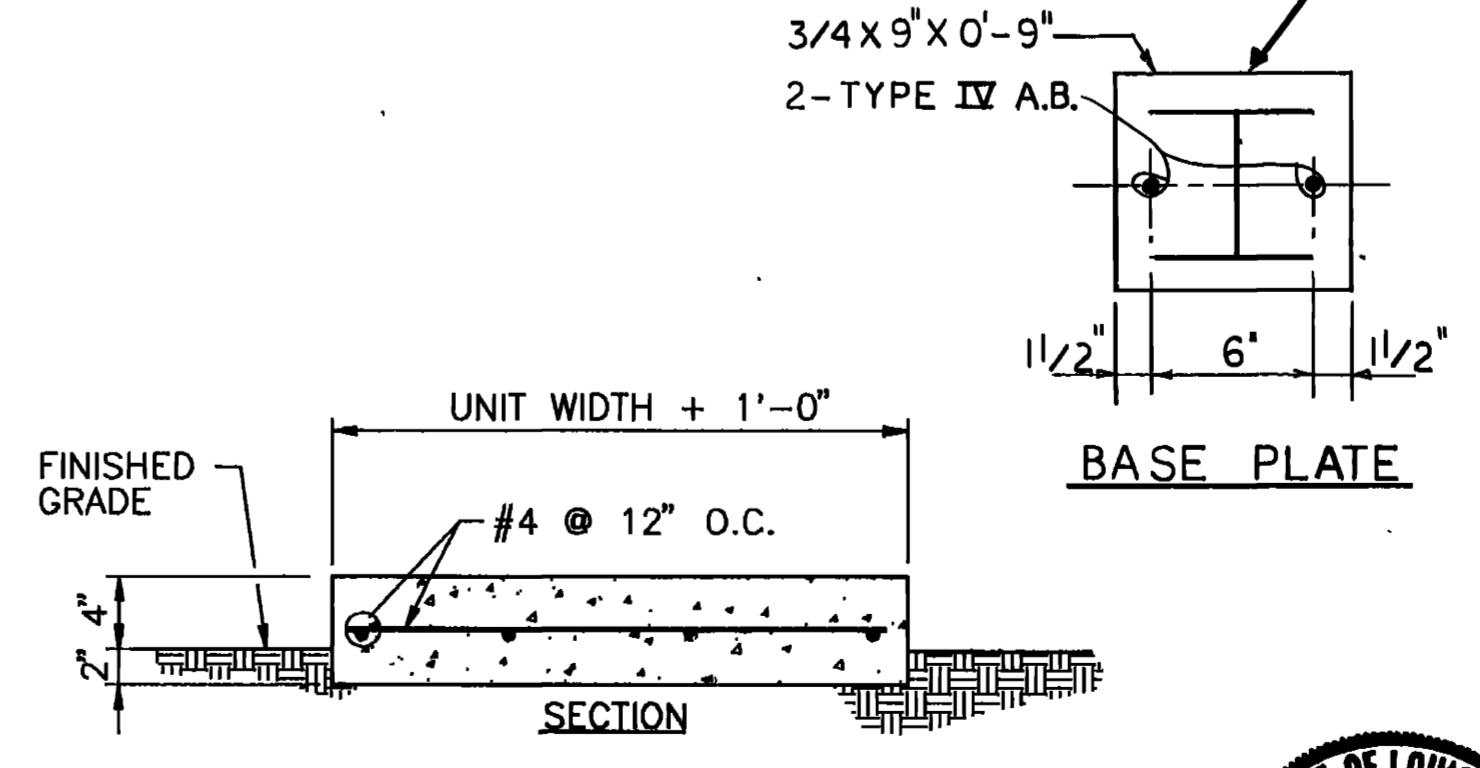
**UNDERGROUND TANK FOUNDATION**



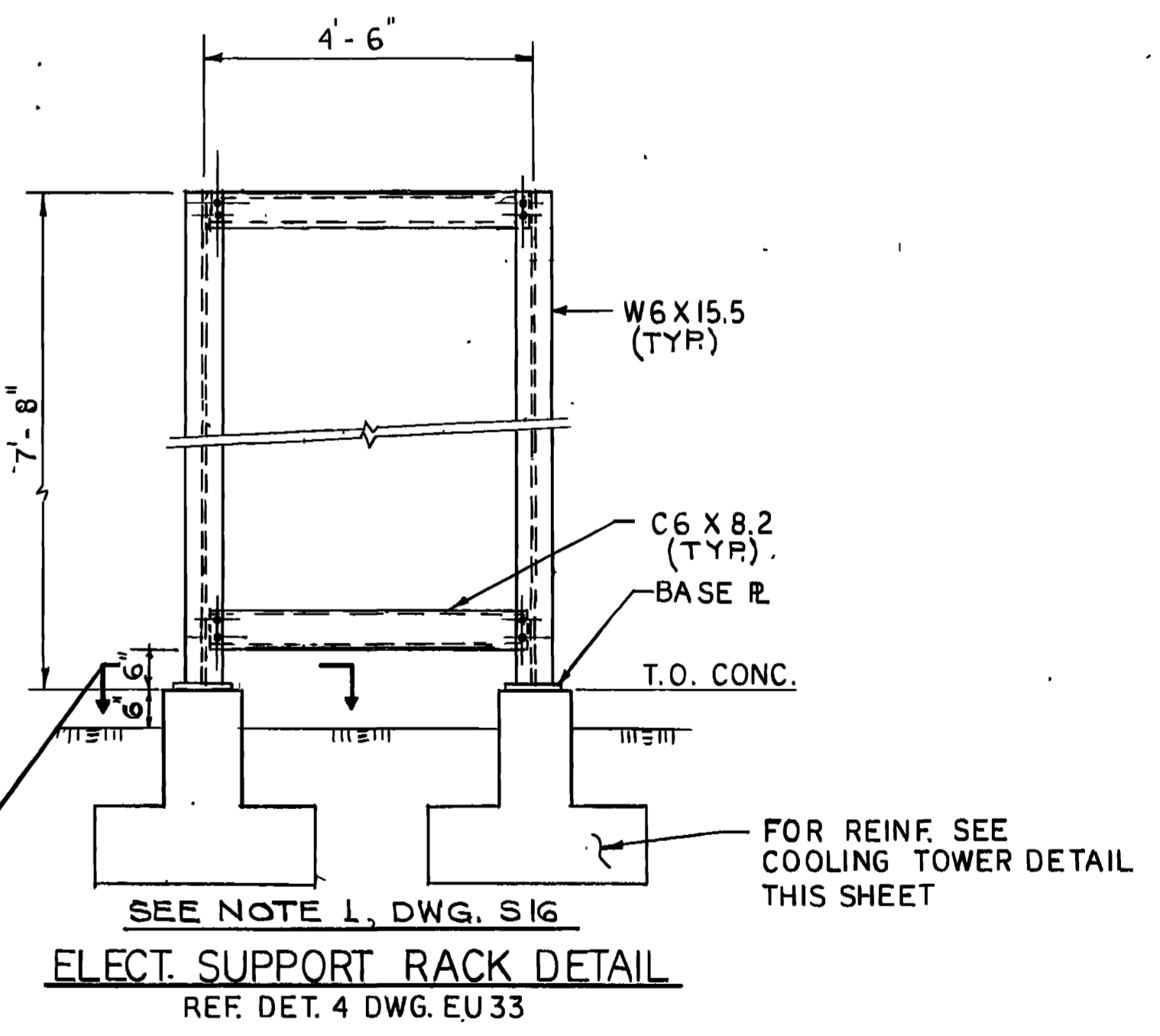
**DETAIL 2**  
 S28/S28



**DETAIL 2**  
 N.T.S. S28/S28



**TYP. A.C. CONDENSING UNITS SLAB**



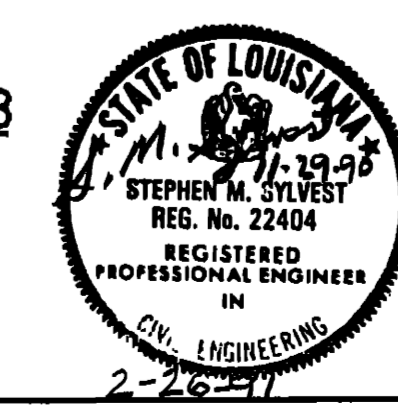
**ELECT. SUPPORT RACK DETAIL**  
 REF. DET. 4 DWG. EU 33

- NOTES:**
1. INERT FILL SHALL BE NATURALLY ROUND AGGREGATE, CLEAN, & FREE FLOWING, w/PARTICLE SIZE NOT LESS THAN 1/8" OR MORE THAN 3/4" DIA.
  2. BITUMINOUS PROTECT ALL EXPOSED STEEL.
  3. FOR LOCATION SEE SHEET C12.
  4. FOR TANK DETAILS SEE SHEETS MP14, MP15, MP18, & MP19.

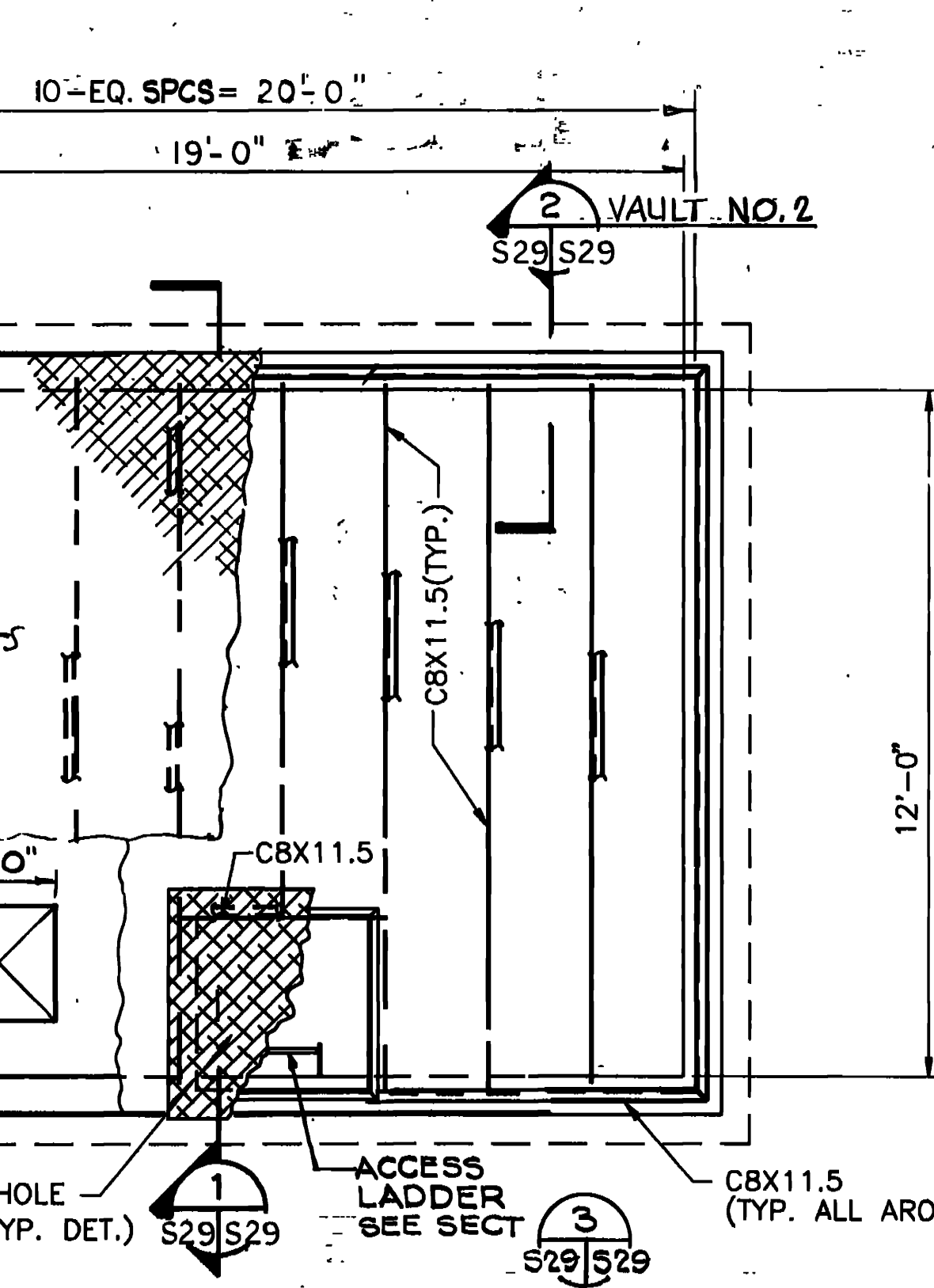
| SYMBOL | D.O. NO. | ACTION                         | DATE      | DESCRIPTION OF REVISION |
|--------|----------|--------------------------------|-----------|-------------------------|
| ~      | AM       | REVISED TO REFLECT N.I. CHANGE | 14 JUN 92 |                         |

|                         |   |
|-------------------------|---|
| DESIGNED BY:<br>E.A.W.  | <b>WALK, HAYDEL &amp; ASSOC. INC.</b><br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE<br>U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS<br><b>GOODFELLOW AIR FORCE BASE</b><br>SAN ANGELO, TEXAS<br><b>FIRE TRAINING COMPLEX</b><br><b>MISCELLANEOUS SITE DETAILS</b> |
| DRAWN BY:<br>E.M.       |   |
| REVIEWED BY:<br>M.J.C.  |   |
| SUBMITTED BY:<br>M.J.C. |   |

|                             |                  |
|-----------------------------|------------------|
| SOL. NO. D-0000-92-0155     | DATED JUN. 1992  |
| CONTR. NO. D-0000-92-C-0155 | SEQUENCE NO. 191 |
| DRAWING NUMBER              | SHEET NO. 191    |

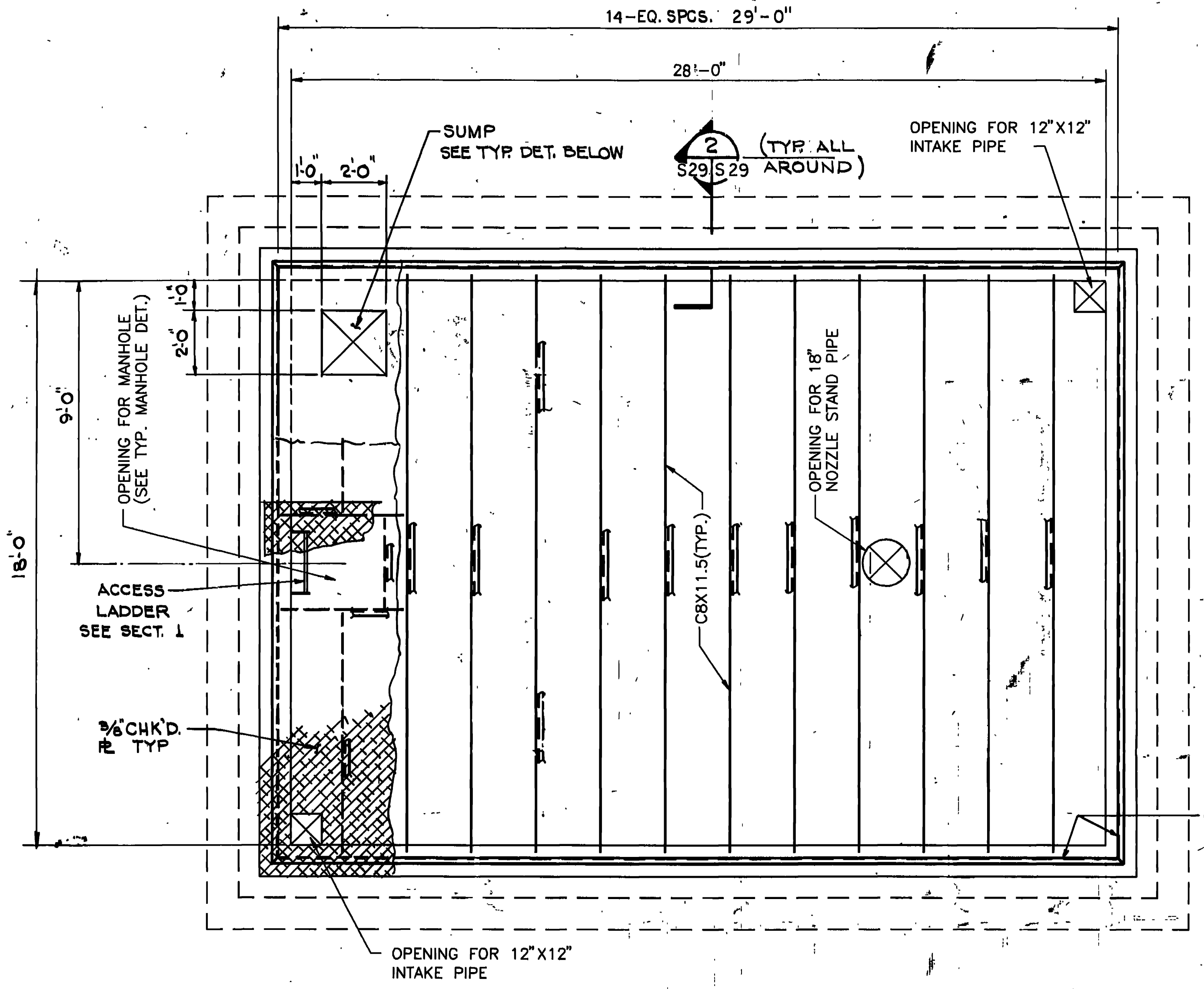


CONTR. NO. D-0000-92-C-0155

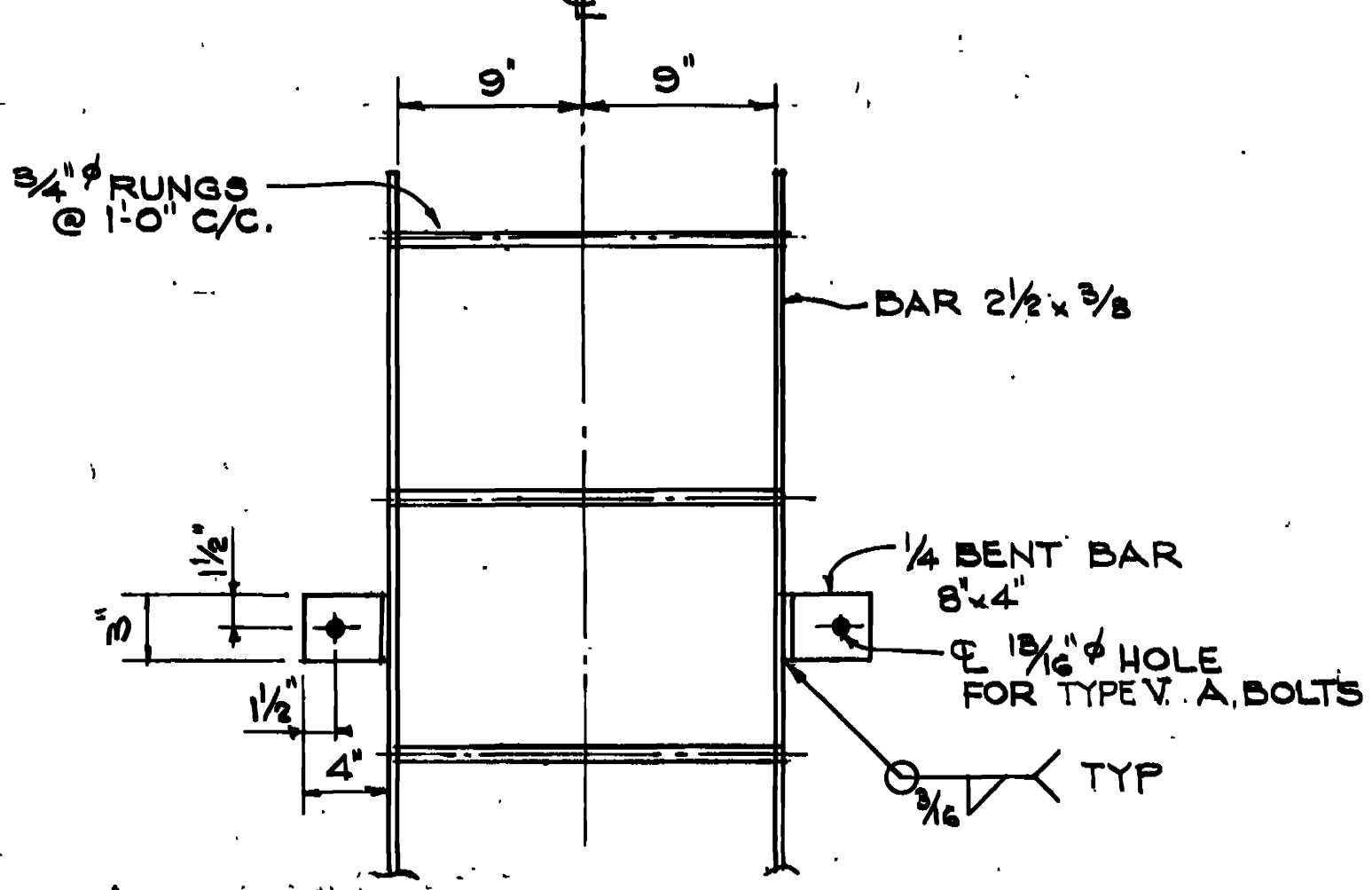


**VAULT No. 1 & 2-PLAN**  
3/8" = 1'-0"

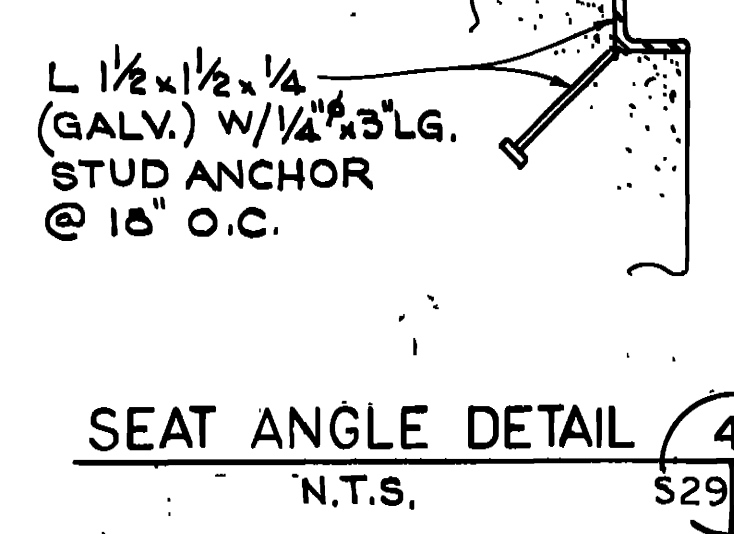
NOTE: BID OPTION NO. 1 INCLUDES A VAULT NO. 1.



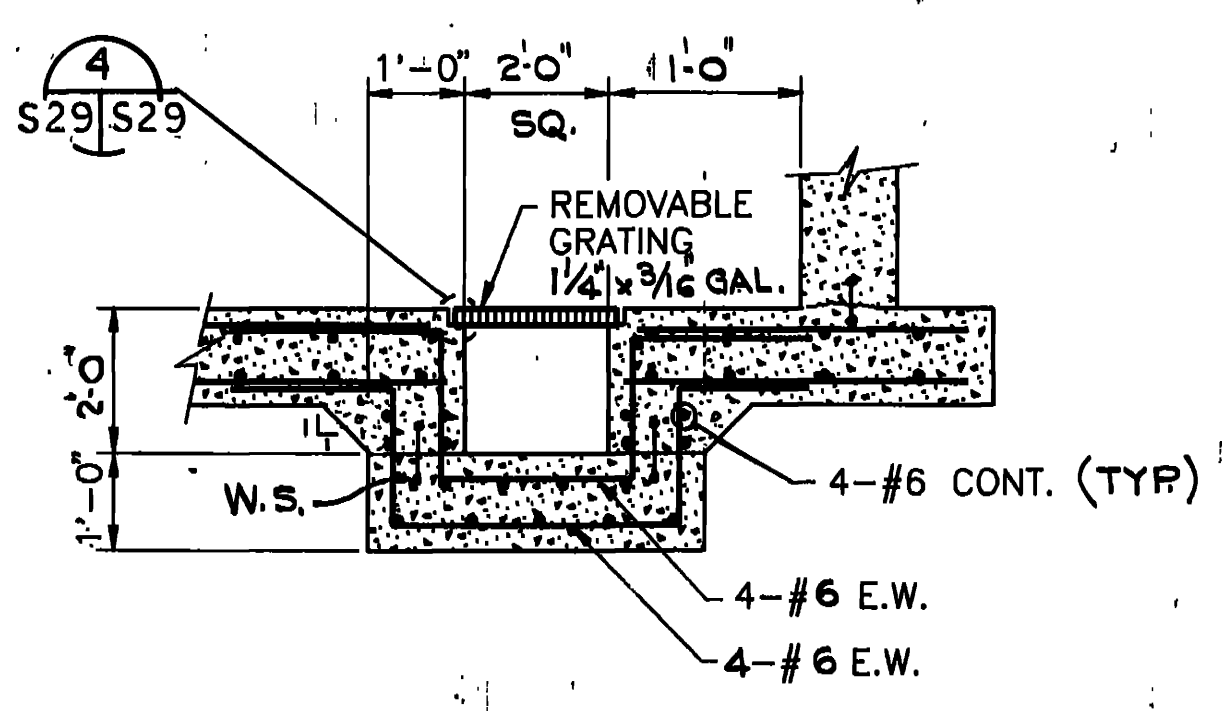
**VAULT No. 3-PLAN**  
3/8" = 1'-0"



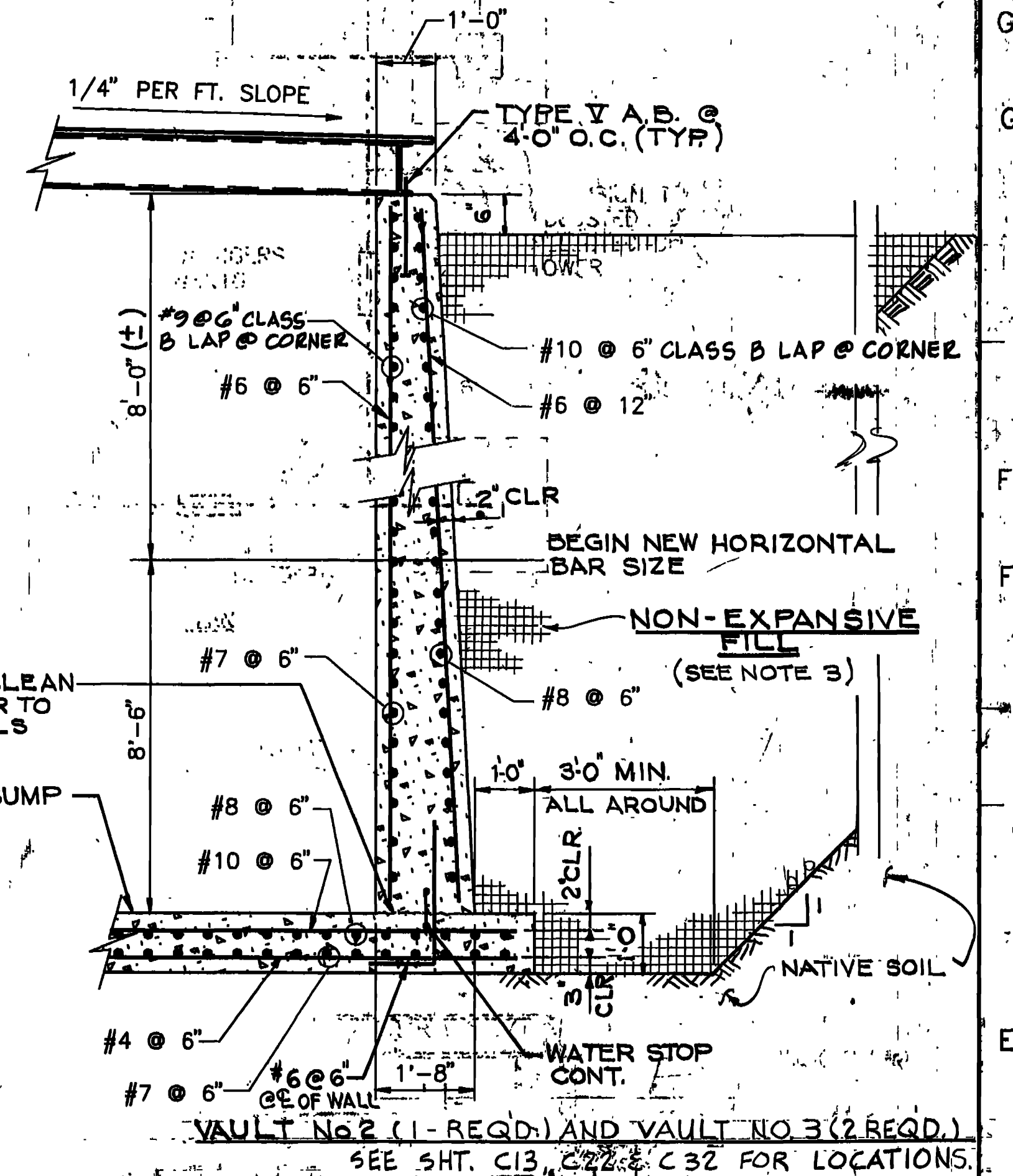
**SECTION 3**  
1/2" = 1'-0"



**SEAT ANGLE DETAIL**  
N.T.S.



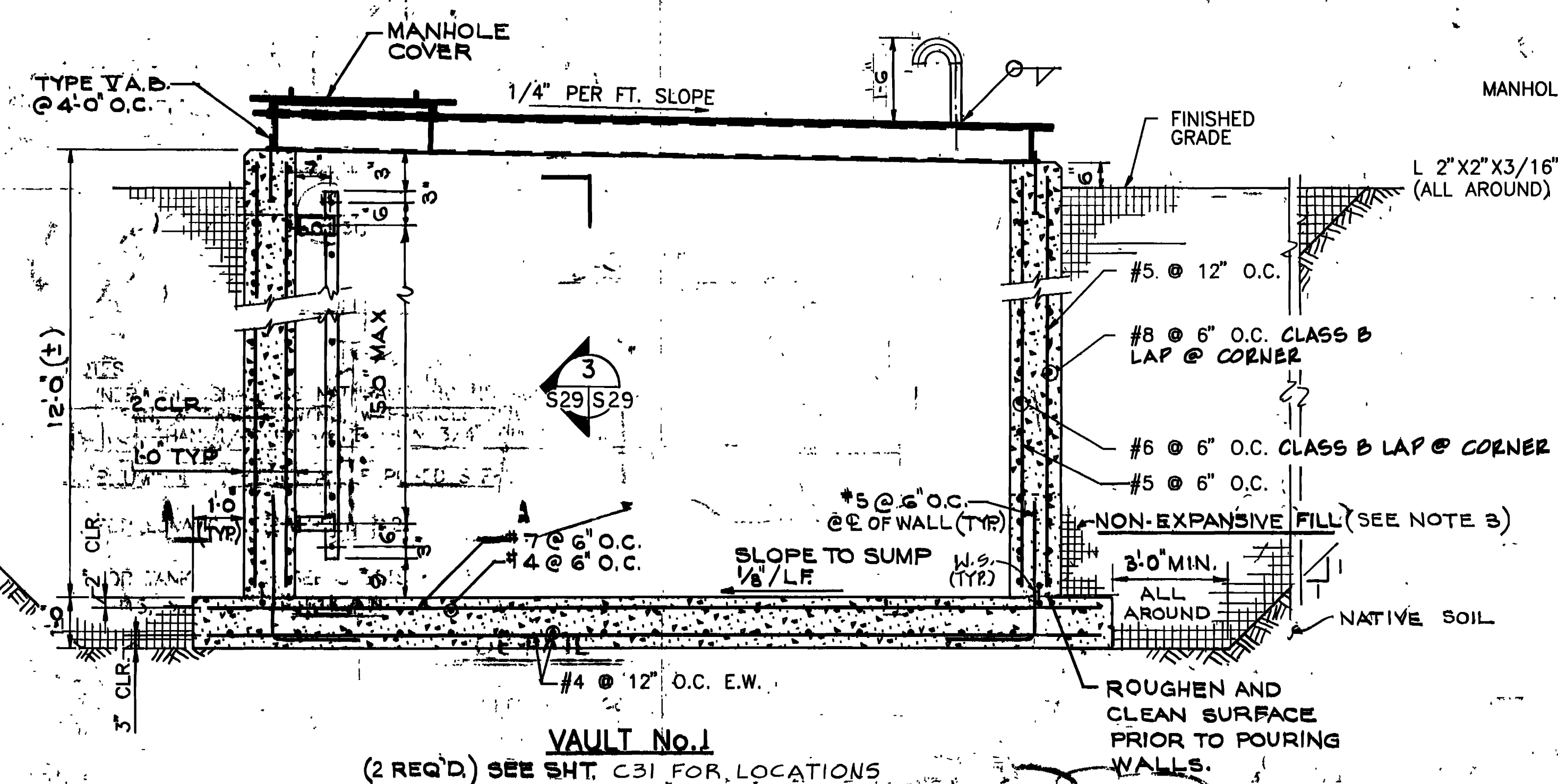
**TYP. VAULT SUMP DETAIL**  
N.T.S.



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

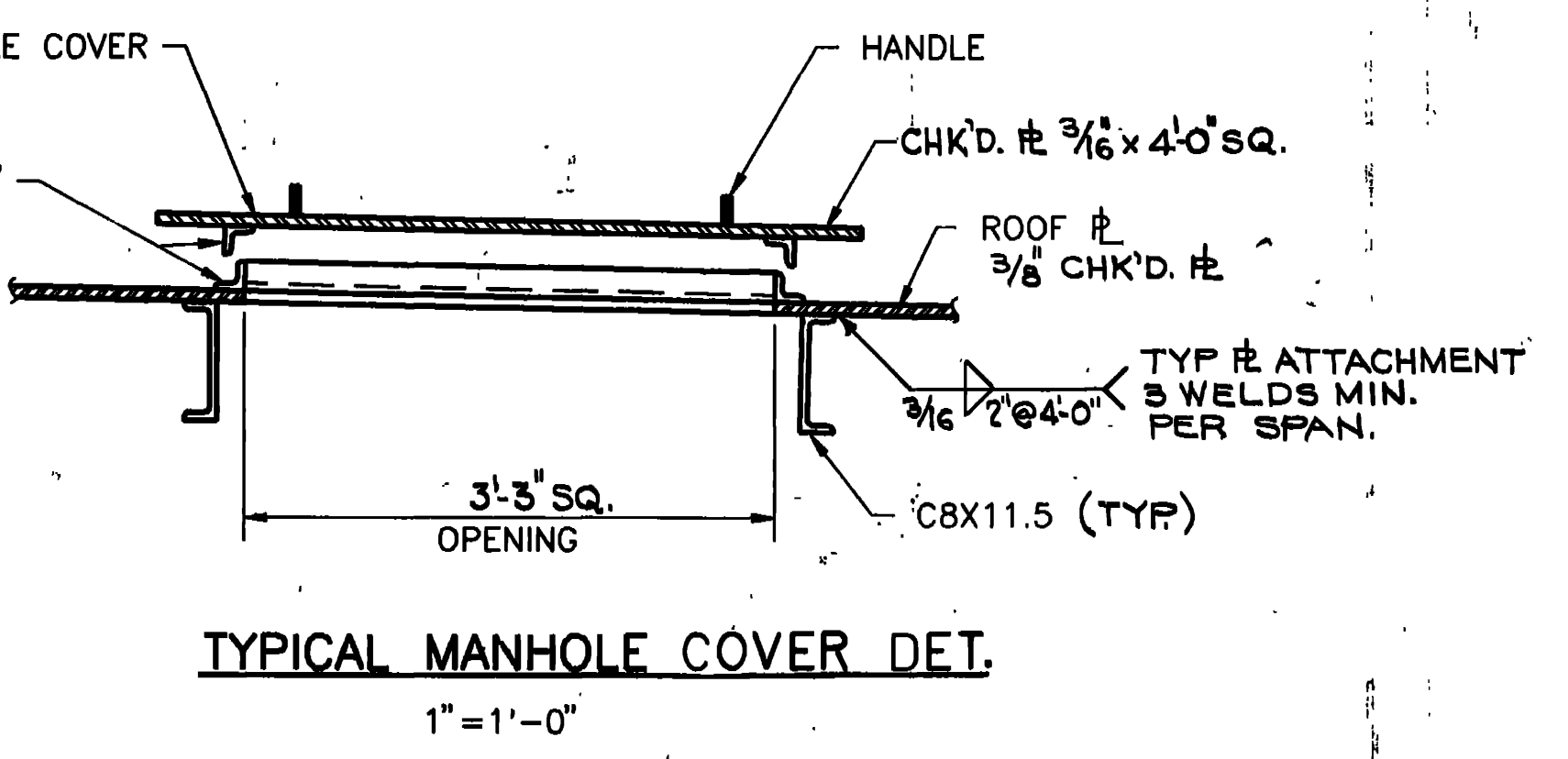
**NOTES**

1. VAULT DIMENSIONS MUST BE VERIFIED PRIOR TO FABRICATION TO ENSURE COMPATIBILITY WITH FINAL EQUIPMENT CONFIGURATION.
2. ALL STRUCTURAL STEEL TO BE GALVANIZED.
3. EXCAVATION SHALL BE TO MINIMUM DIMENSIONS SHOWN AND BACK FILLED WITH NON EXPANSIVE FILL.
4. DIMENSIONS SHOWN ARE ASSUMED MAXIMUM DIMENSIONS REQUIRED FOR EACH VAULT TYPE (N<sup>o</sup>). IF FINAL EQUIPMENT SELECTION DICTATES USING LARGER DIMENSIONS, VAULTS SHALL BE REDESIGNED BY THE CONTRACTOR AND APPROVED BEFORE CONSTRUCTION BEGINS.
5. CONCRETE DIMENSIONS AND REINFORCING IN DIRECTIONS OPPOSITE TO SHOWN SECTIONS REMAINS THE SAME AS SHOWN.

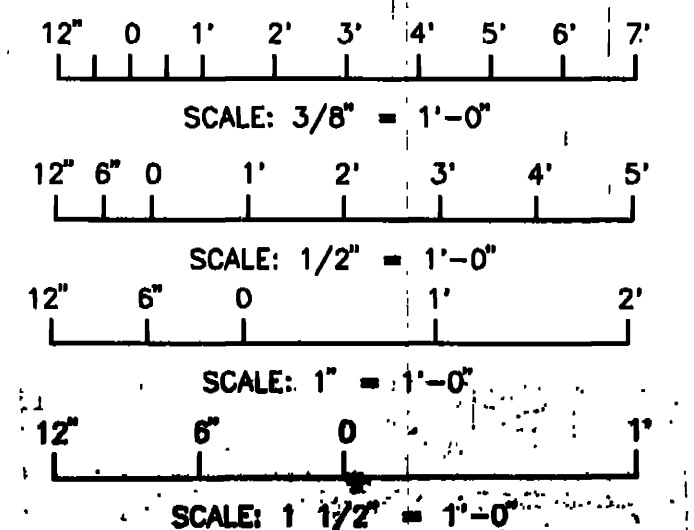


**VAULT No. 1**  
(2 REQ'D) SEE SHT. C31 FOR LOCATIONS  
**SECTION 1**  
1/2" = 1'-0"

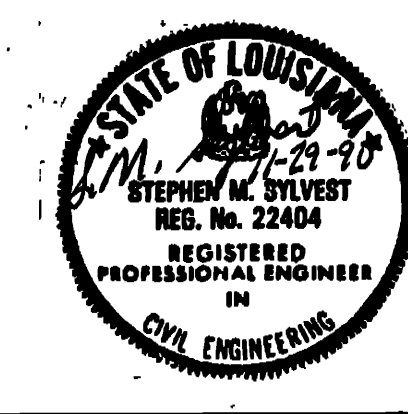
NOTE: BID OPTION NO. 1 IS REQUIRED FOR VAULT NO. 1.

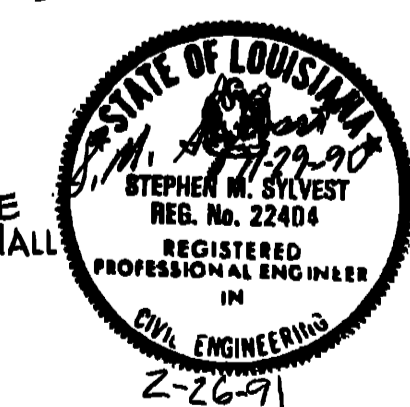
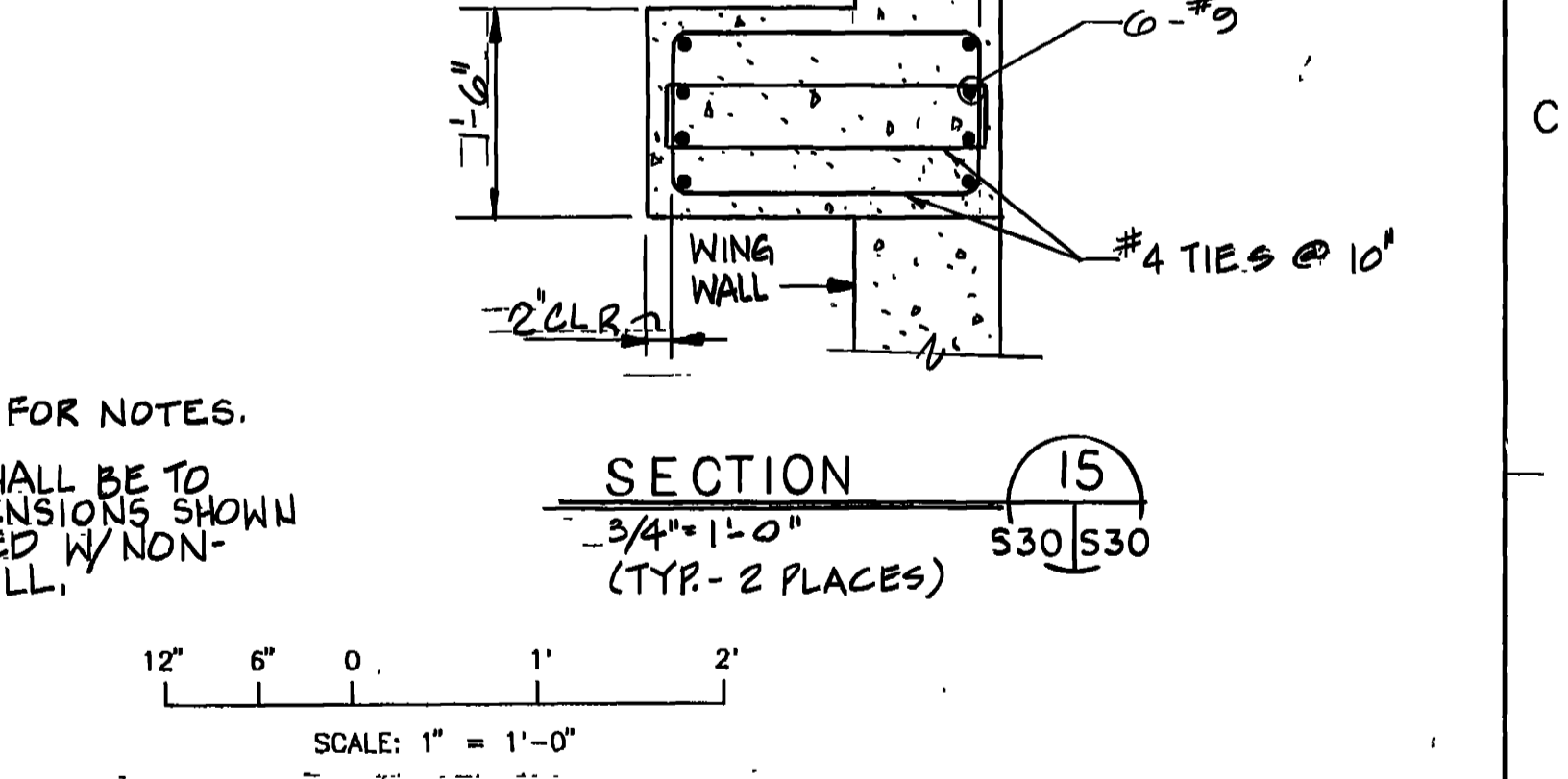
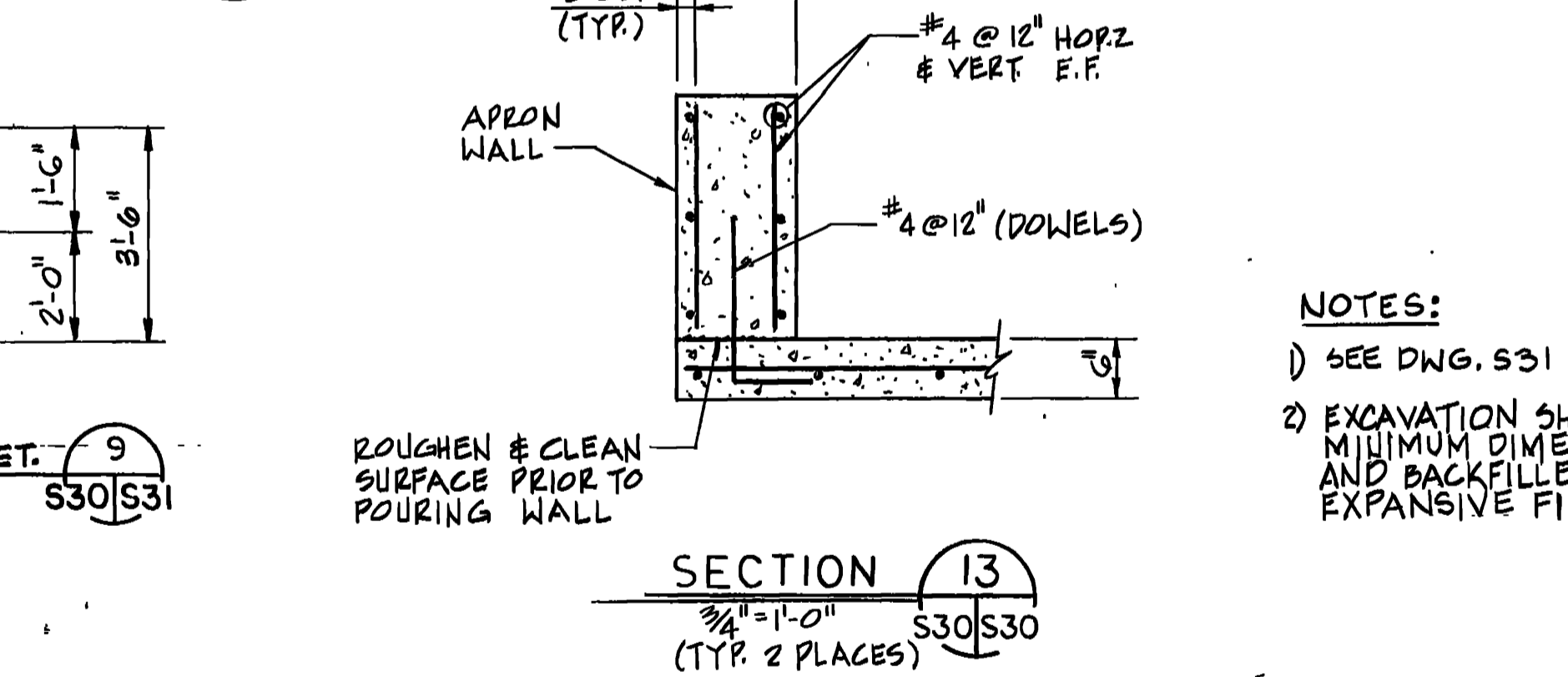
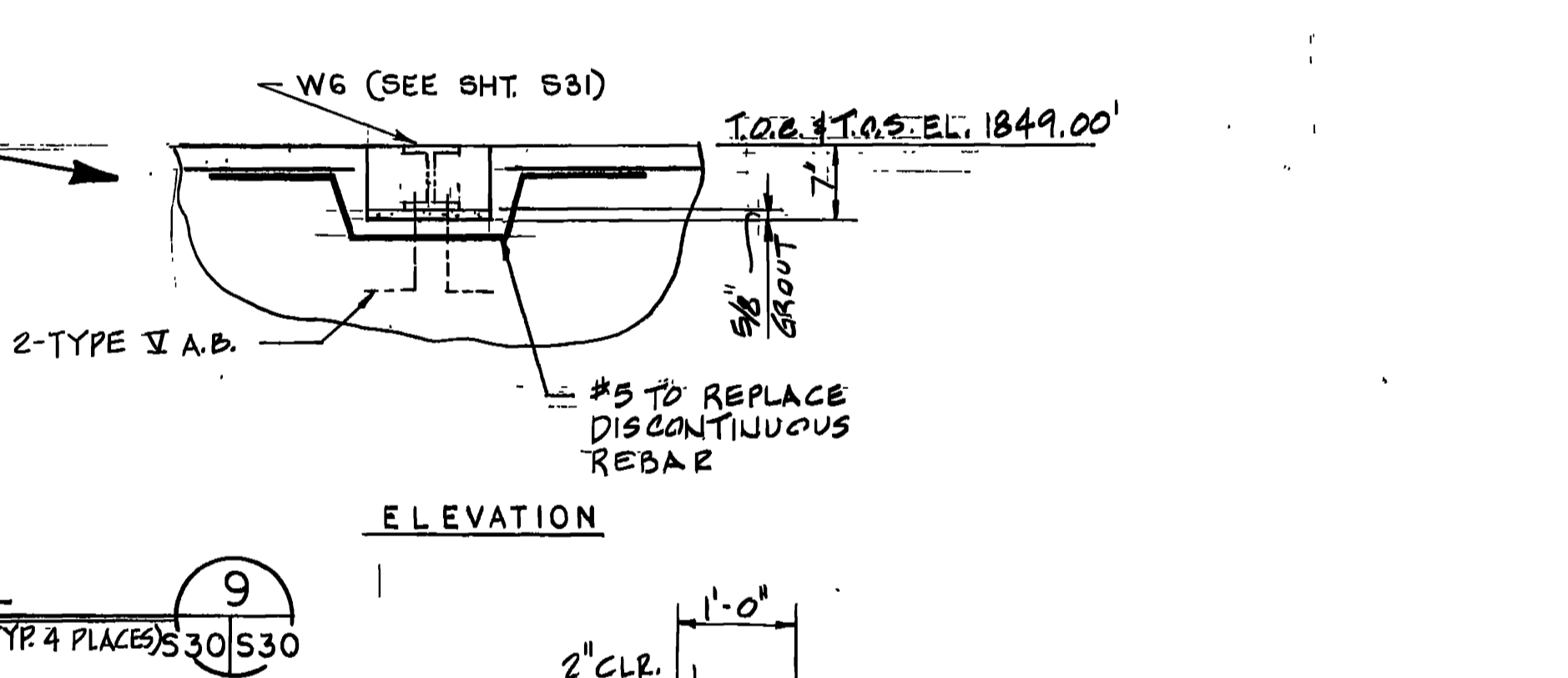
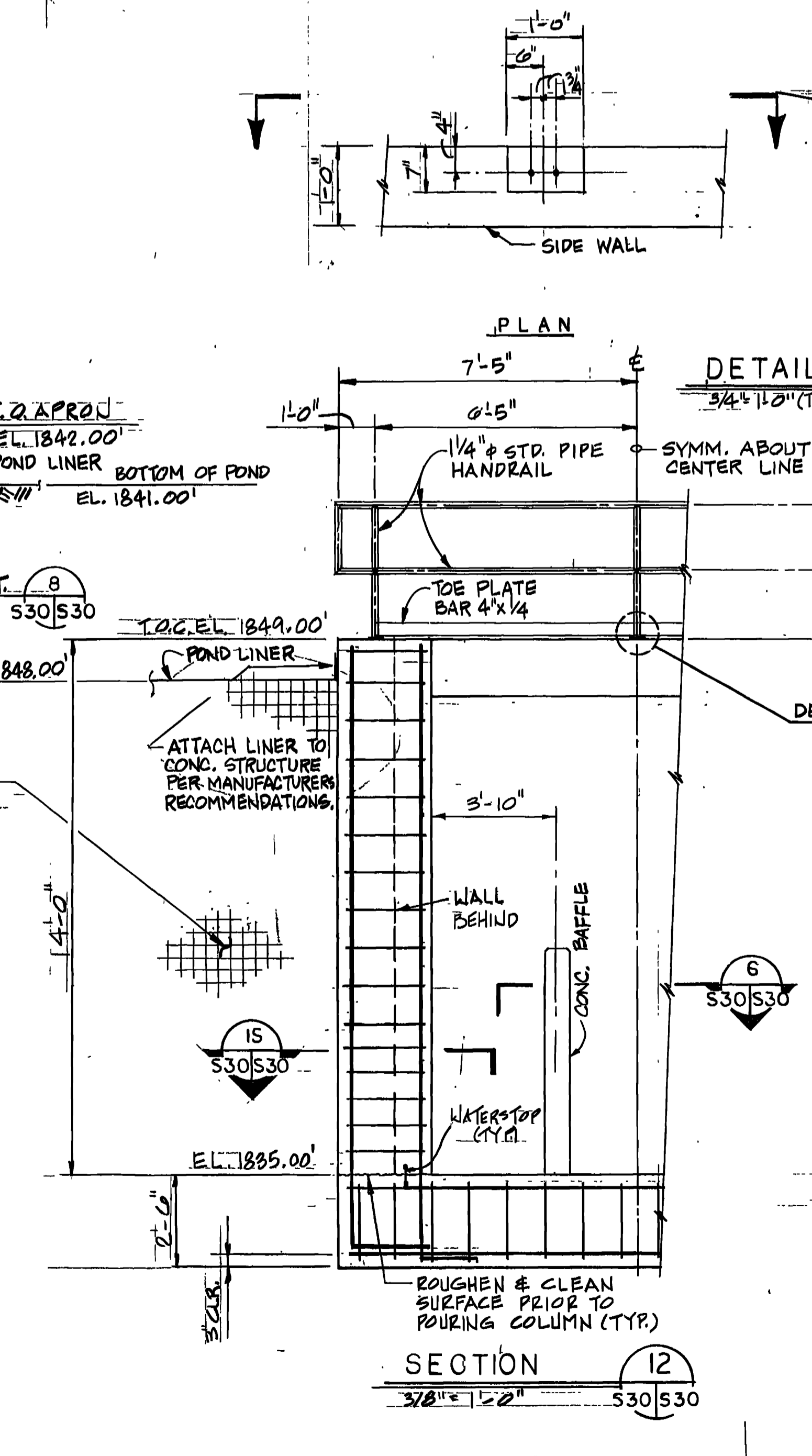
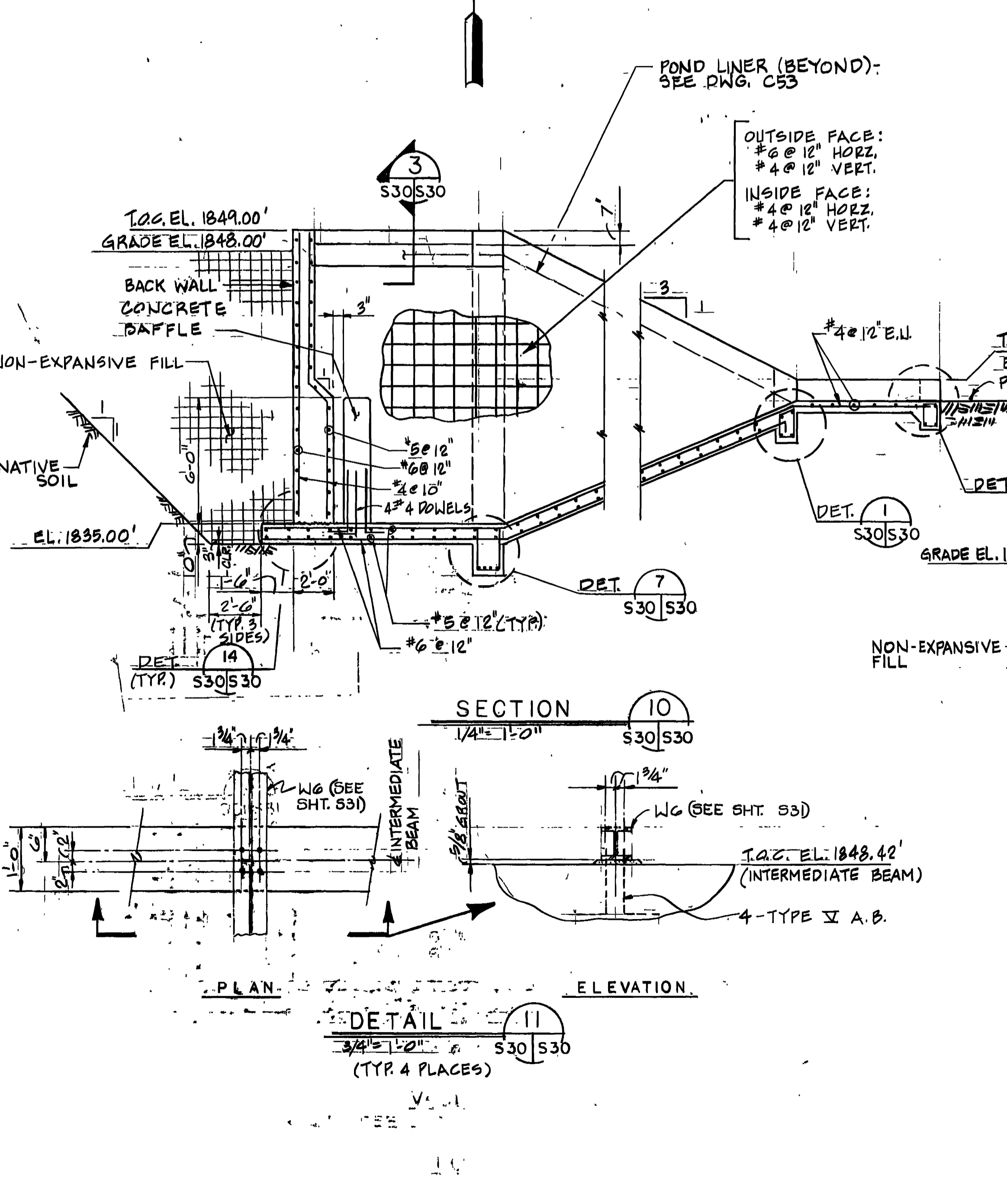
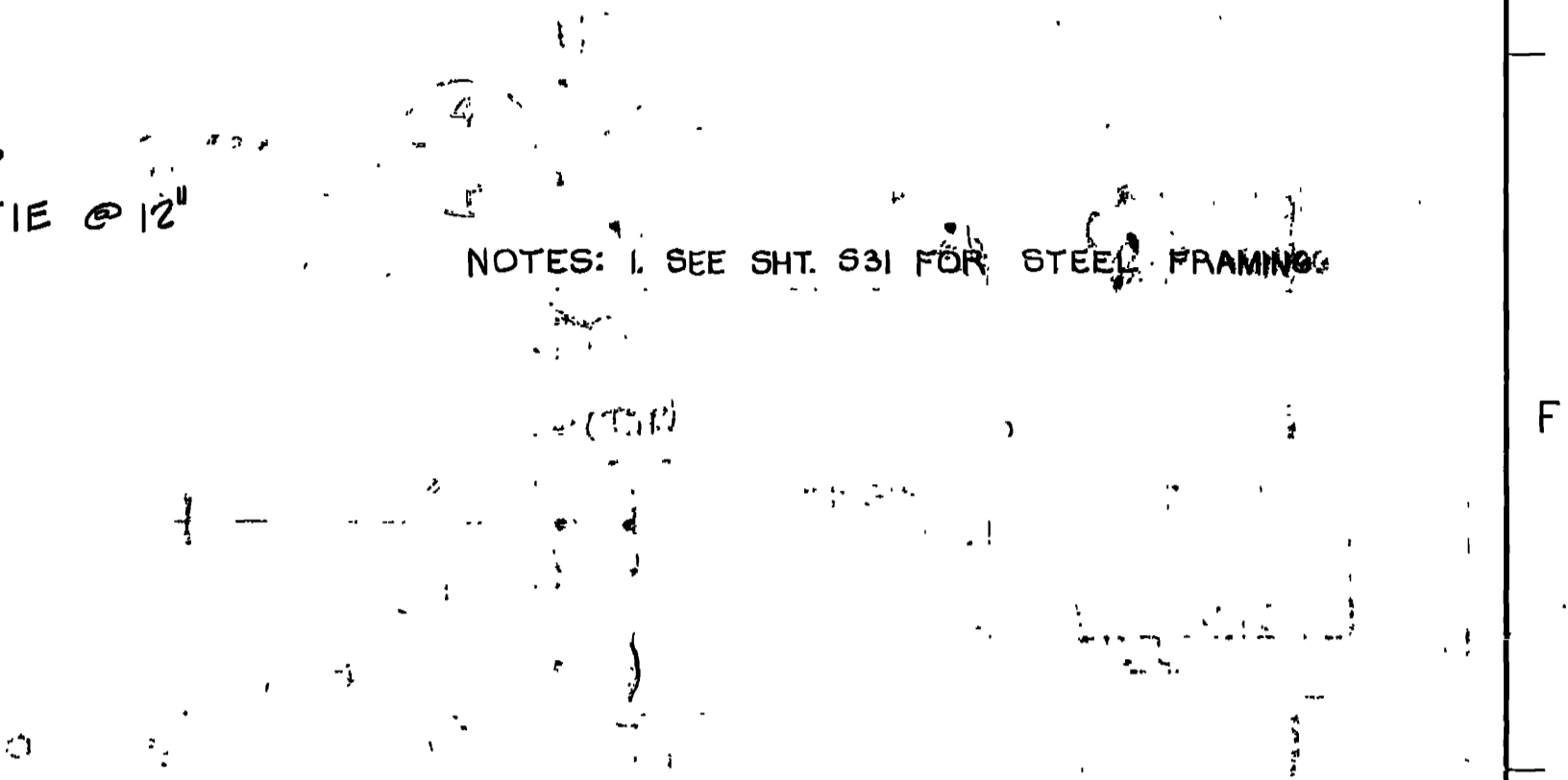
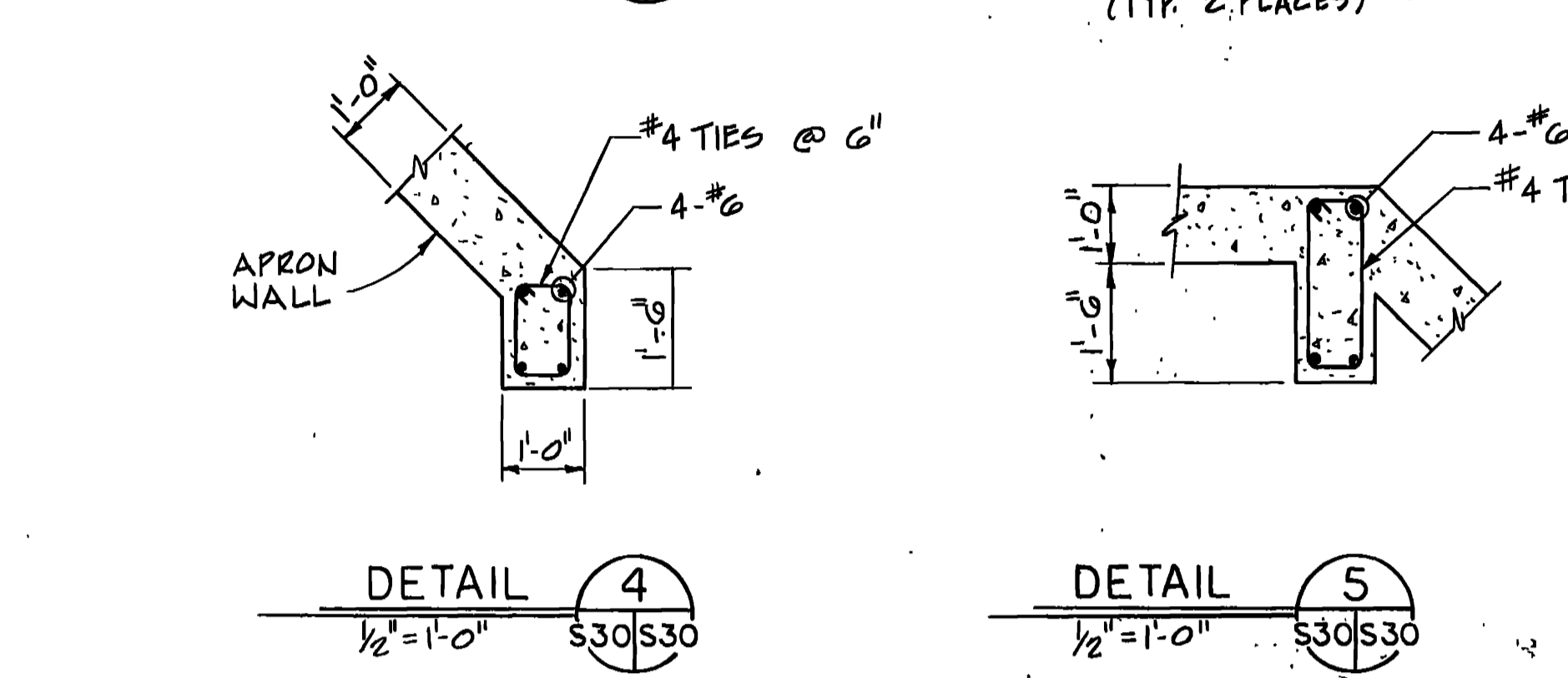
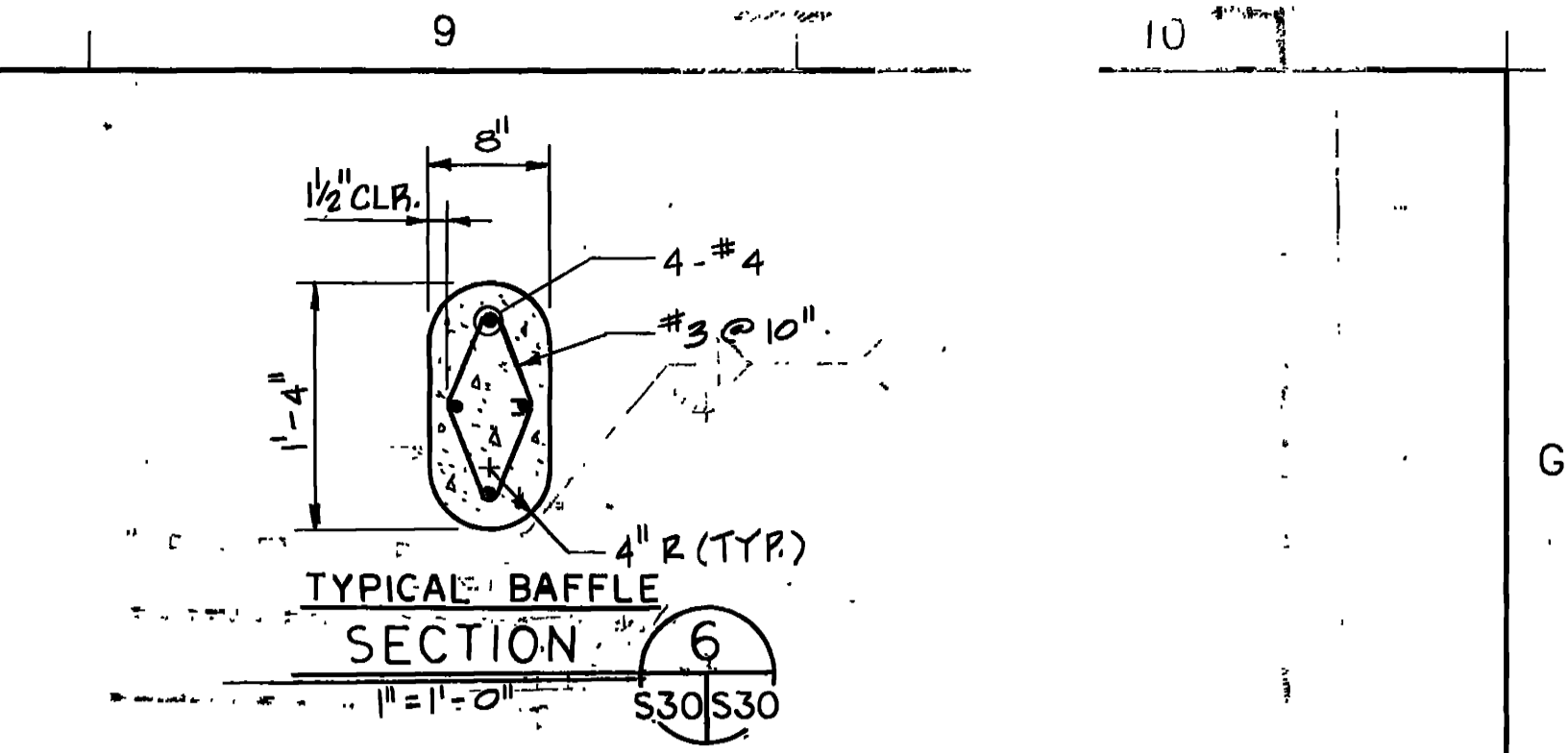
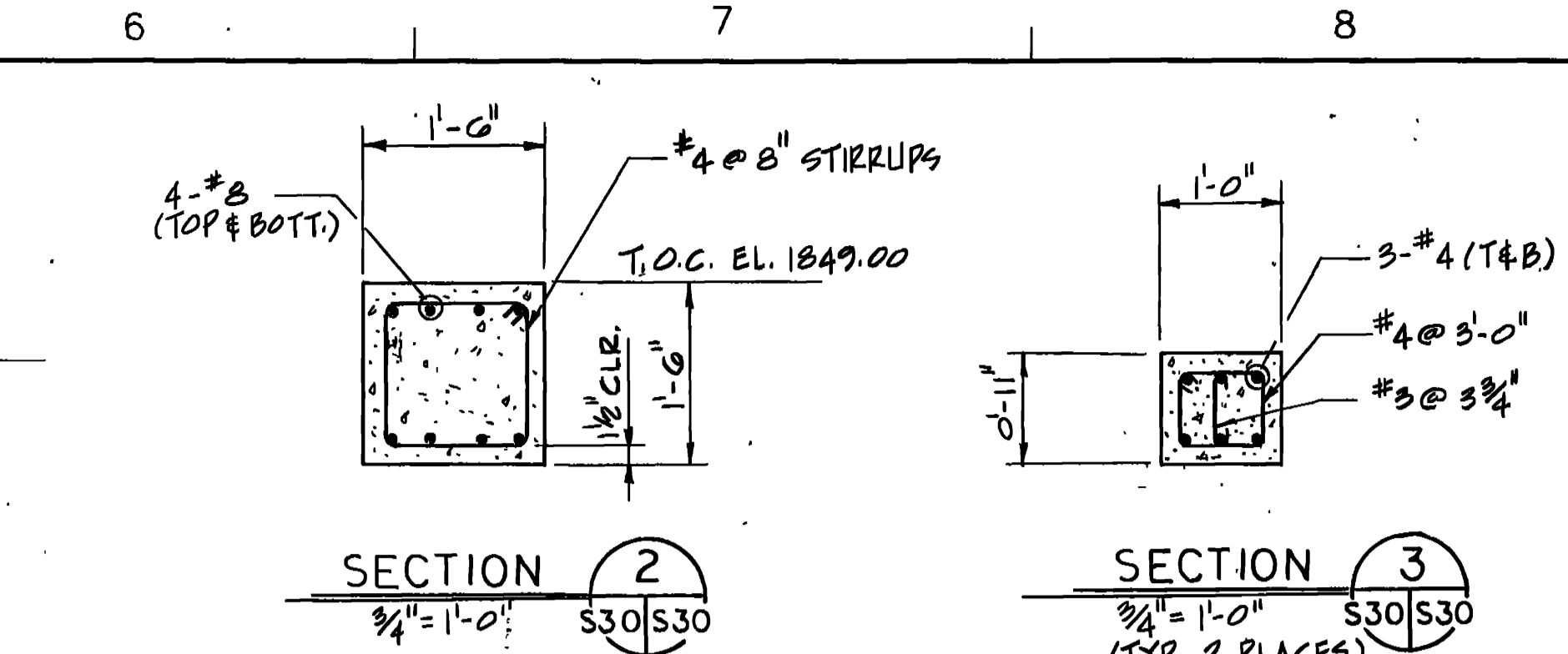
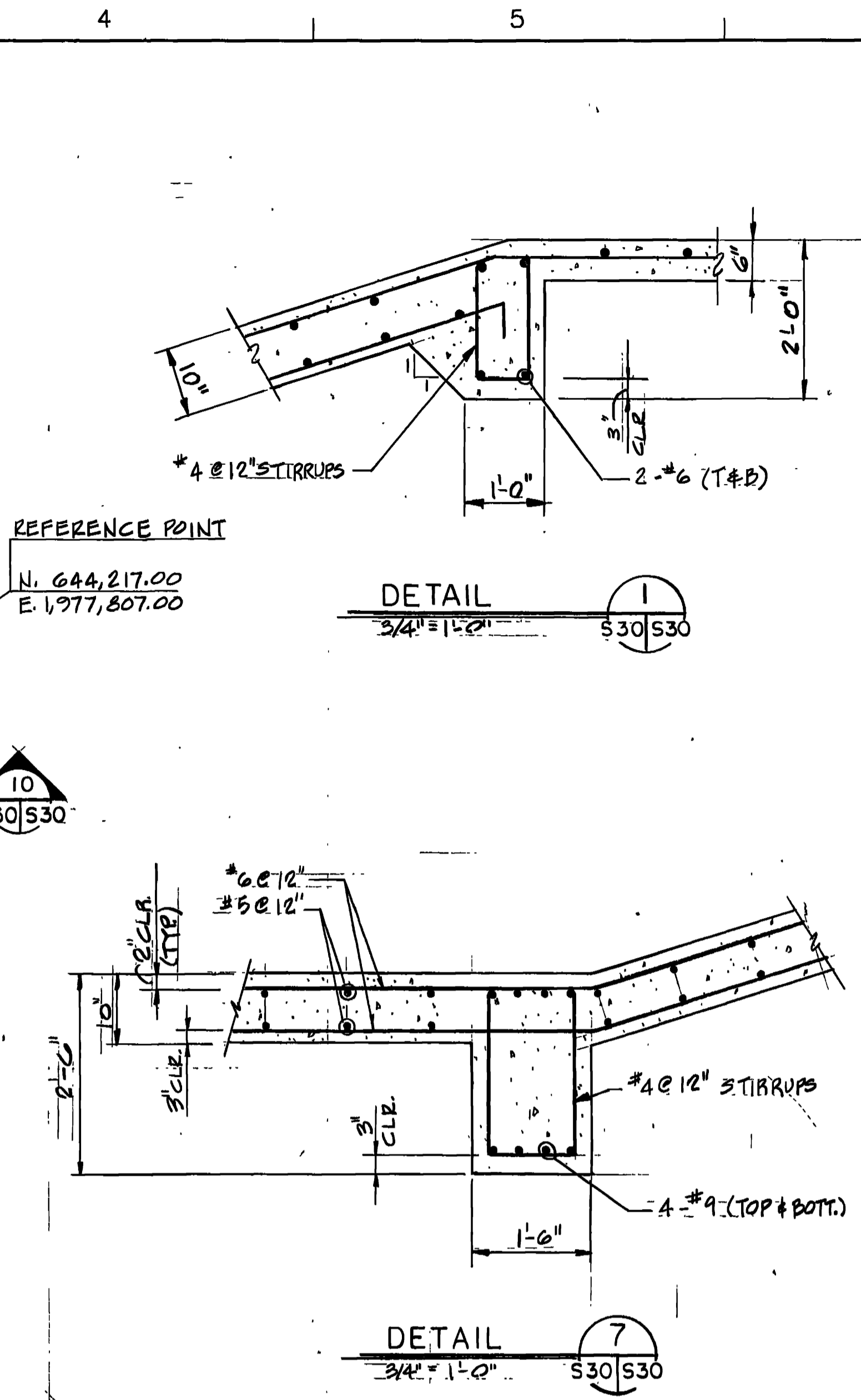
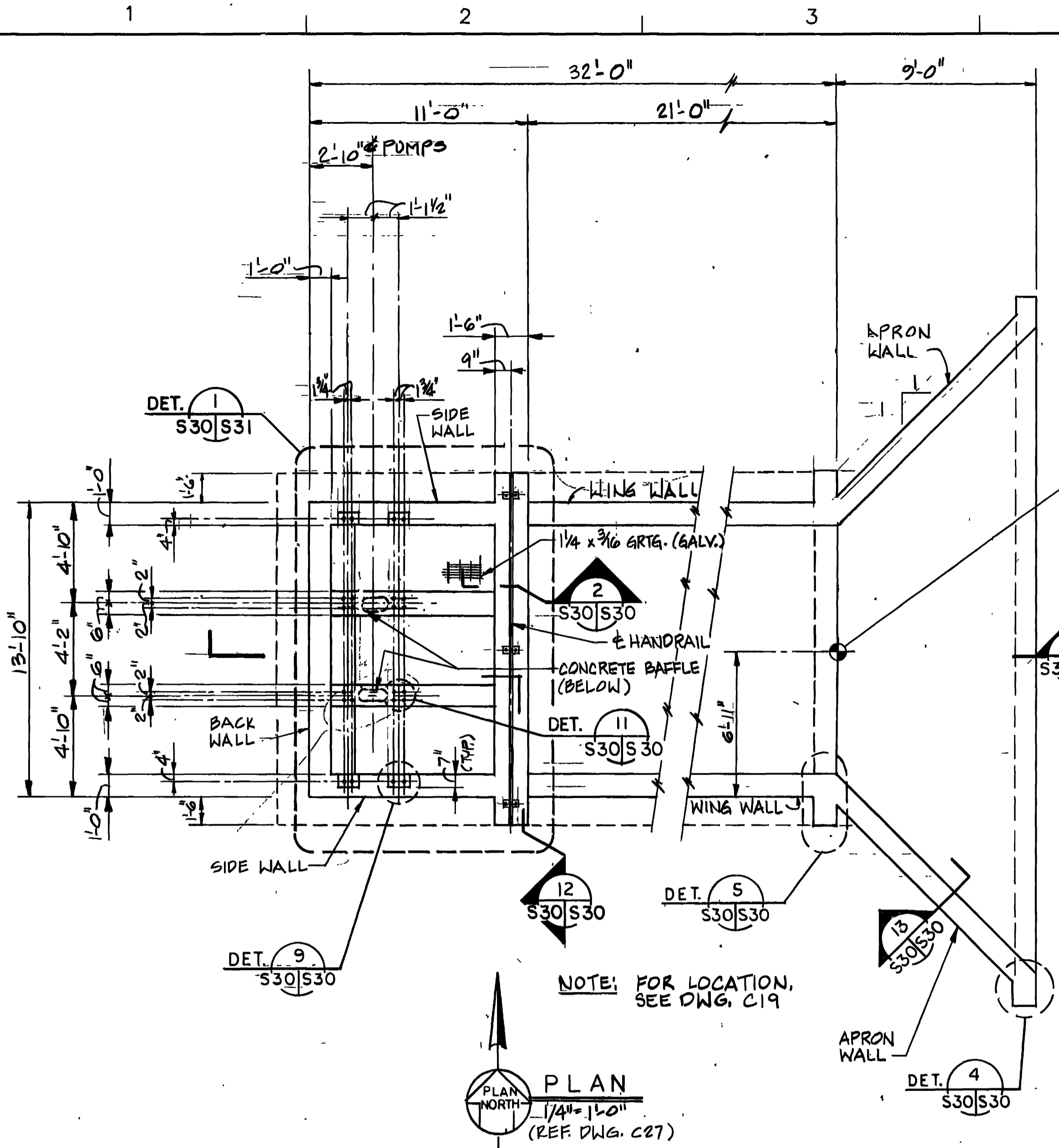


**TYPICAL MANHOLE COVER DET.**  
1" = 1'-0"

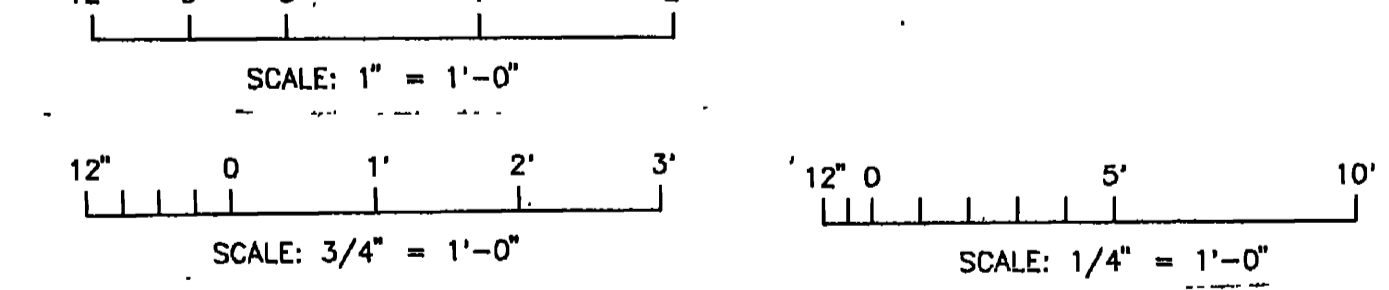


|               |                            |        |   |         |                                 |
|---------------|----------------------------|--------|---|---------|---------------------------------|
| SYN. D.O. NO. | A44000                     | ACTION | 4 JUN 92                                | REVISOR | REVISED TO REFLECT W. I. CHANGE |
| DESIGNED BY:  | WALK, HAYDEL & ASSOC. INC. |        | U.S. ARMY ENGINEER DISTRICT, FORT WORTH |         |                                 |
| DRAWN BY:     | S.M.S.                     |        | SAN ANGELO, TEXAS                       |         |                                 |
| REVIEWED BY:  | E.M.                       |        | CORPS OF ENGINEERS                      |         |                                 |
|               | C.H.                       |        | FORT WORTH, TEXAS                       |         |                                 |
| DESIGNED BY:  | S.M.S.                     |        | GOODFELLOW AIR FORCE BASE               |         |                                 |
| DRAWN BY:     | E.M.                       |        | SAN ANGELO, TEXAS                       |         |                                 |
| REVIEWED BY:  | C.H.                       |        | FIRE TRAINING COMPLEX                   |         |                                 |
|               |                            |        | OIL/WATER SEPARATOR VAULTS              |         |                                 |
|               |                            |        | PLAN, SECTIONS AND DETAILS              |         |                                 |
| SUBMITTED BY: | M. D. [Signature]          |        | DATE: JUN 1992                          |         |                                 |
| ENGINEER:     | K.P.D. [Signature]         |        | CONTR. NO. DACAG3-92-C-0155             |         |                                 |
|               |                            |        | DRAWING NUMBER: 529 OF 35               |         |                                 |
|               |                            |        | SHEET NO. 192                           |         |                                 |



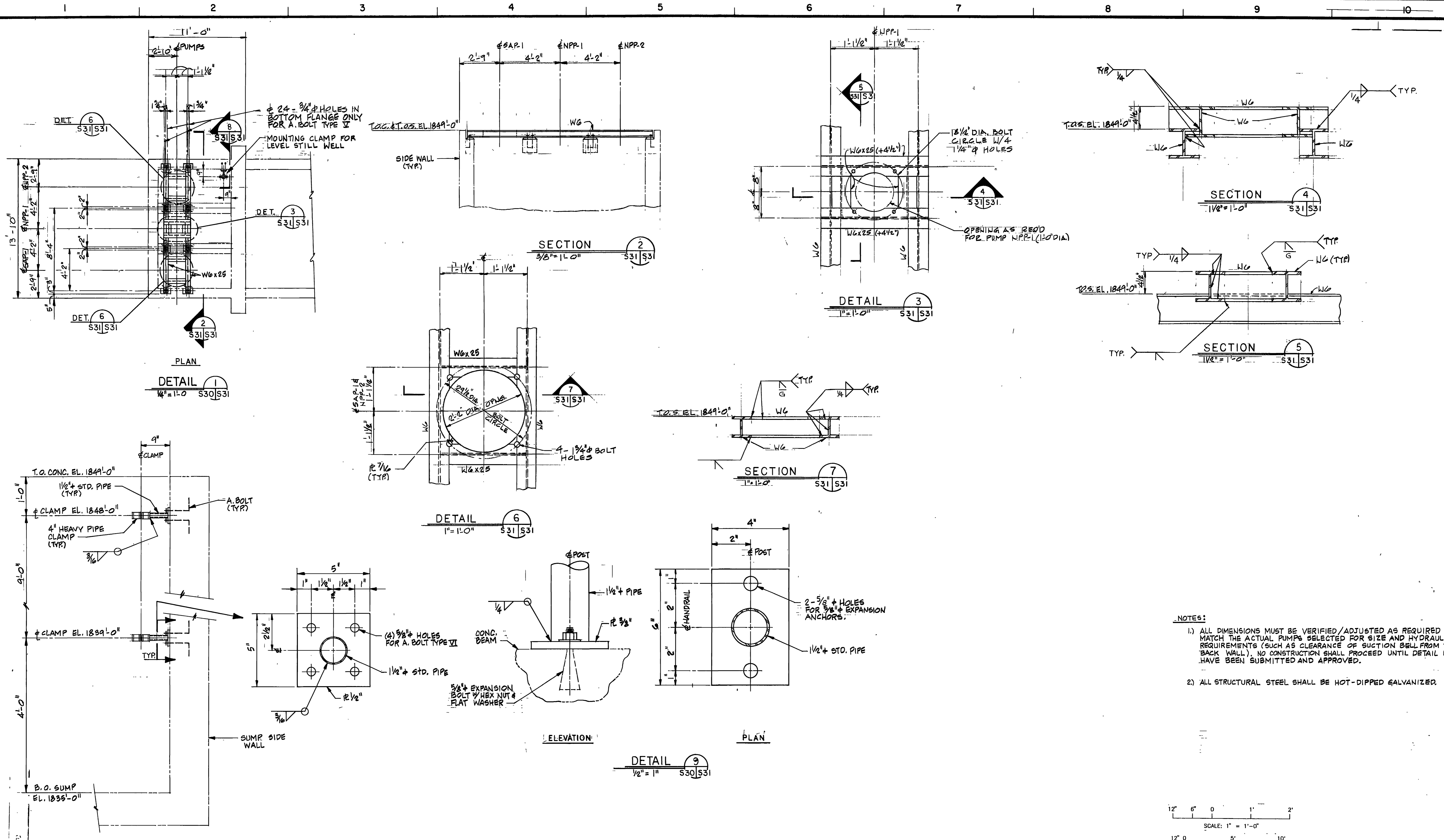


**NOTES:**  
1) SEE DWG. S31 FOR NOTES.  
2) EXCAVATION SHALL BE TO MINIMUM DIMENSIONS SHOWN AND BACKFILLED BY NON-EXPANSIVE FILL.

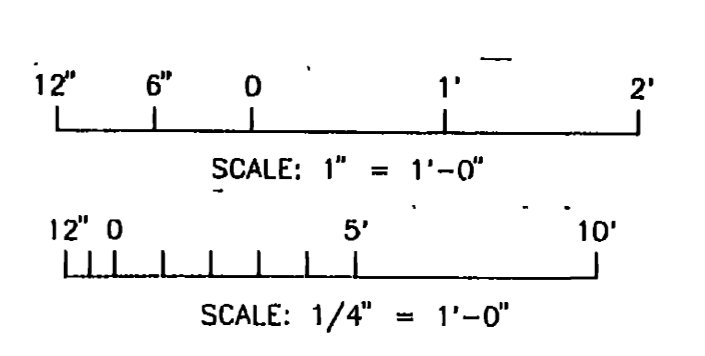


|   |  |
|---|--|
| AM #2001AJUN92 REVISED TO REFLECT N.I. CHANGE<br>SCHEDULE NO. DATE DESCRIPTION OF REVISION  |  |
| WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE  | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS                                 |
| DESIGNED BY: S.M.S.<br>DRAWN BY: J.L./M.D.<br>REVIEWED BY:  | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS   |
| <b>FIRE TRAINING COMPLEX<br/>         FOUNDATION &amp; SUMP PLANS,<br/>         SECTIONS AND DETAILS<br/>         WATER CONSERVATION POND</b> |  |
| SUBMITTED BY: [Signature]<br>ENGINEER: [Signature]  | SOL. NO. DAC63-92-B-209 DATED JUN 1992<br>CONTR. NO. DAC63-92-C-0155<br>DRAWING NUMBER: S30 OF 35<br>SHEET NO. 195 |

CONTR. NO. DAC63-92-C-0155



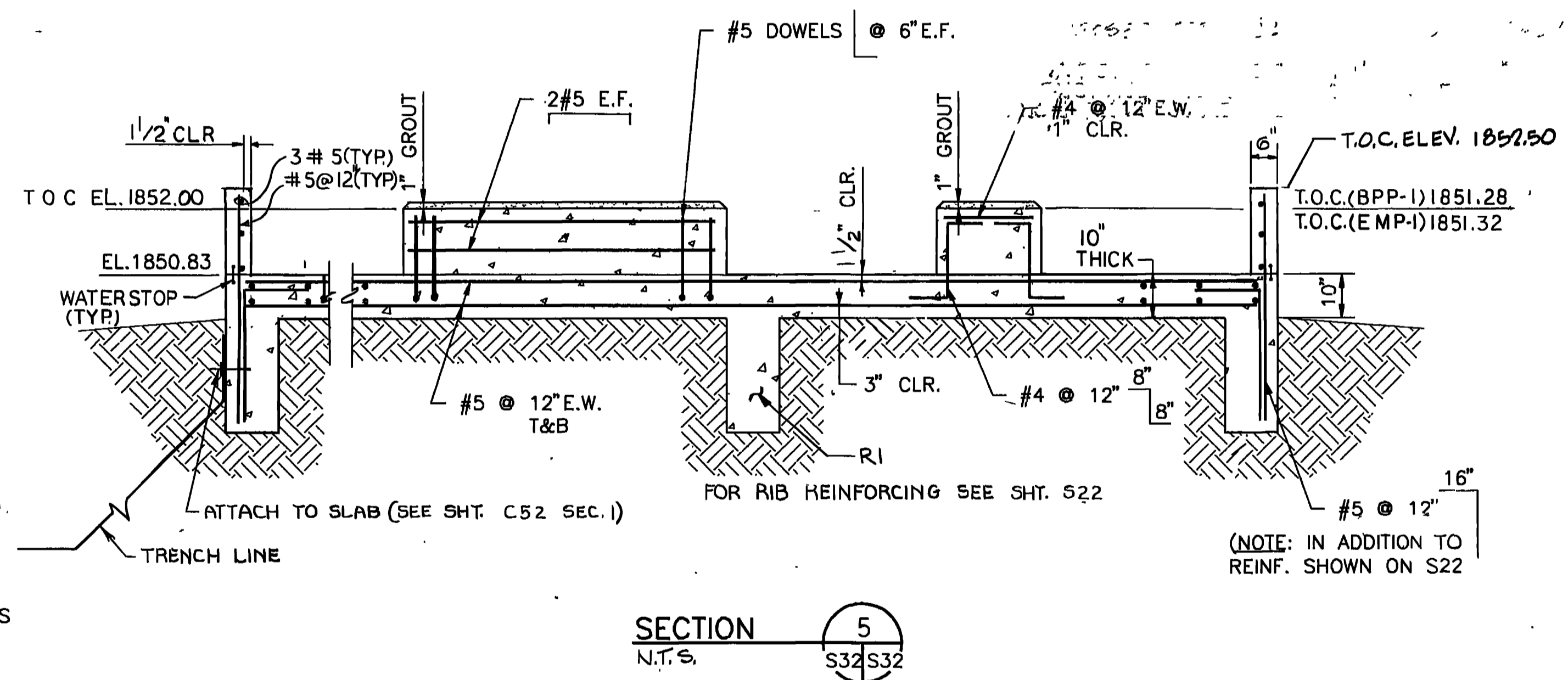
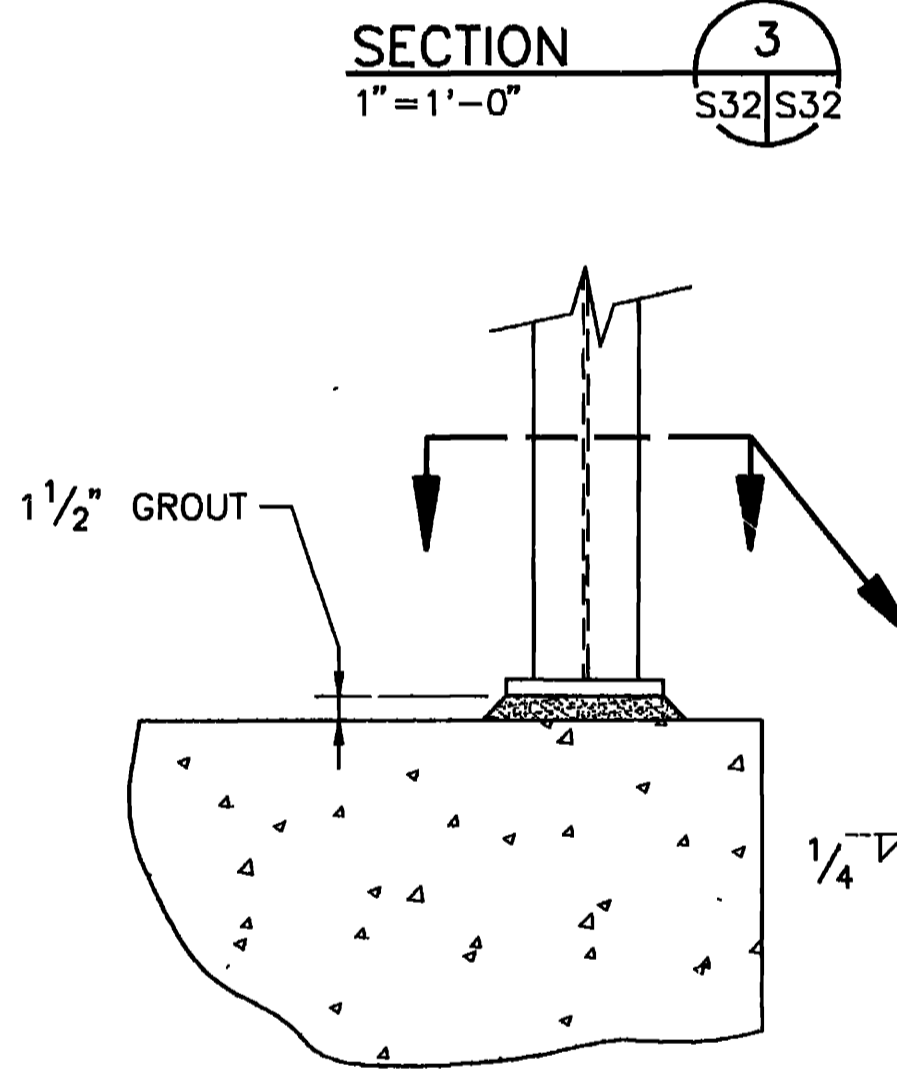
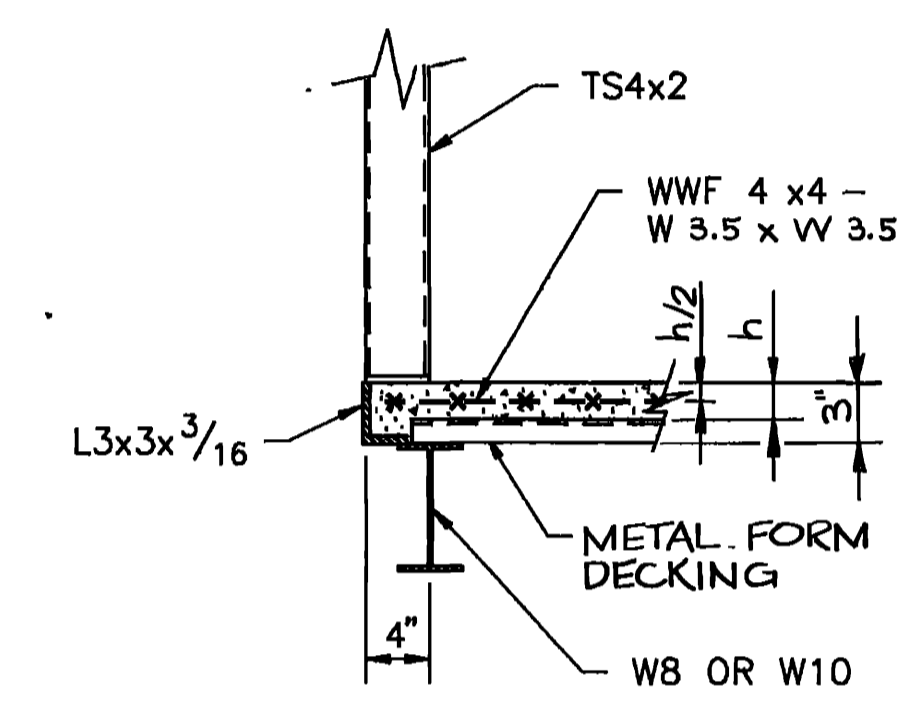
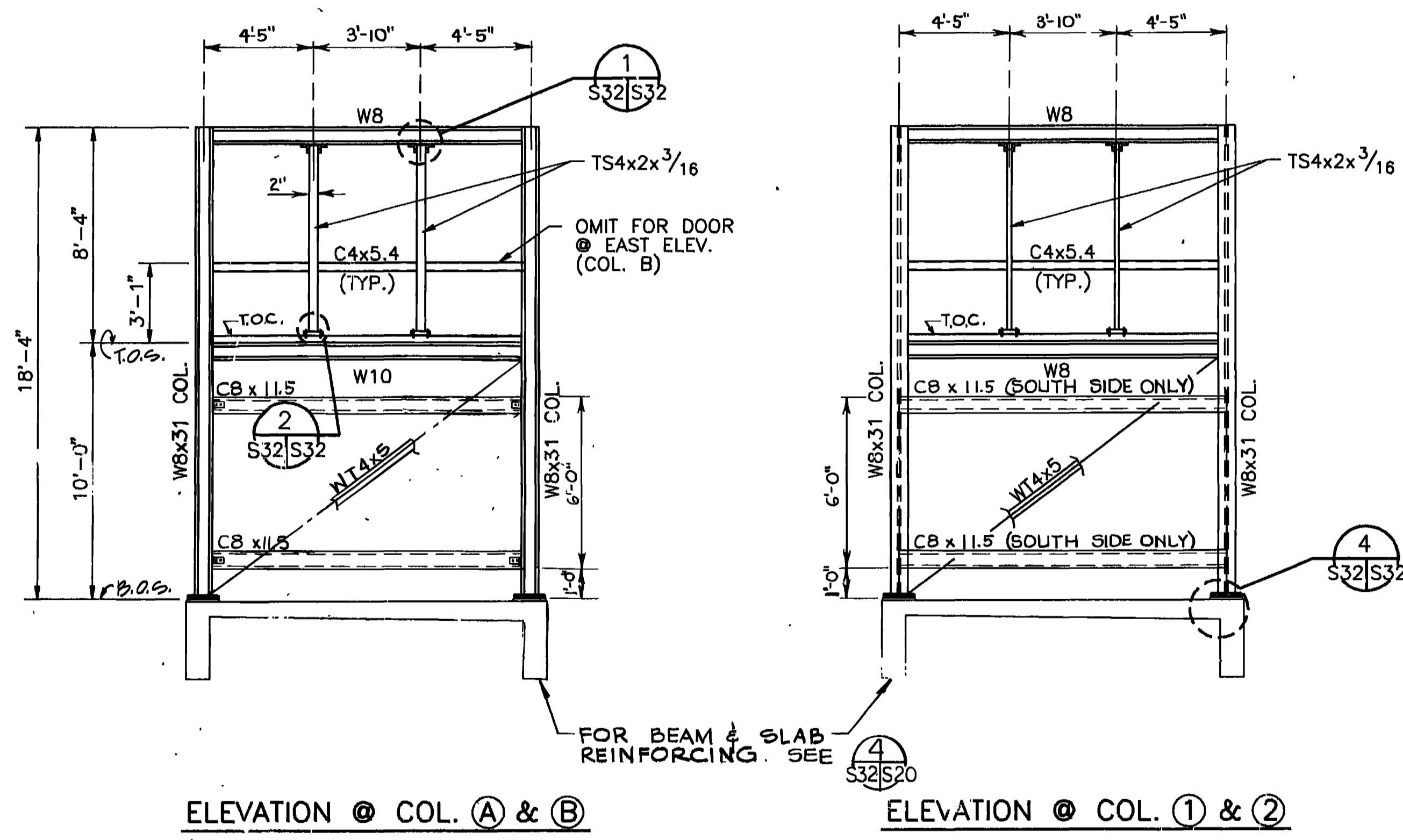
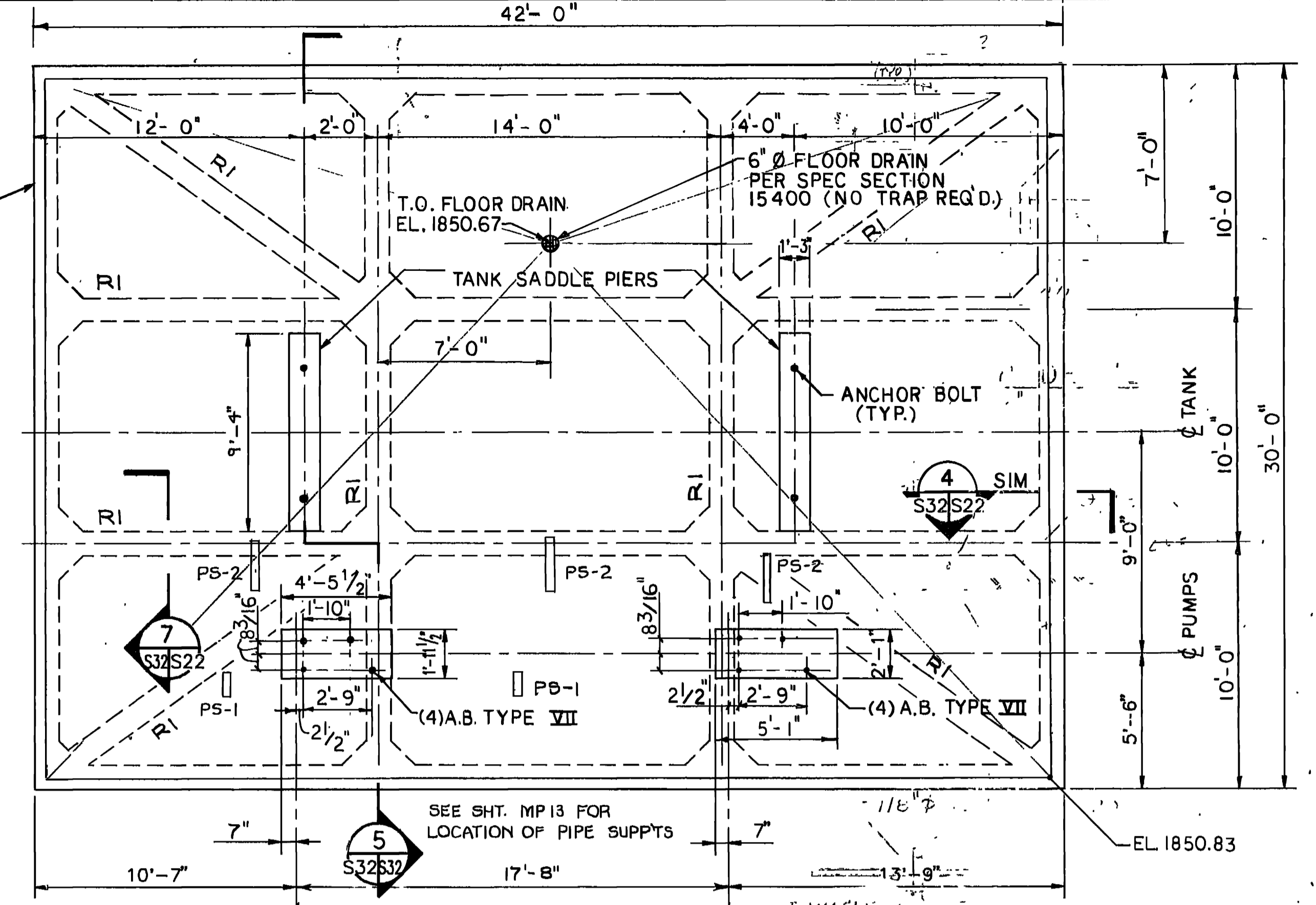
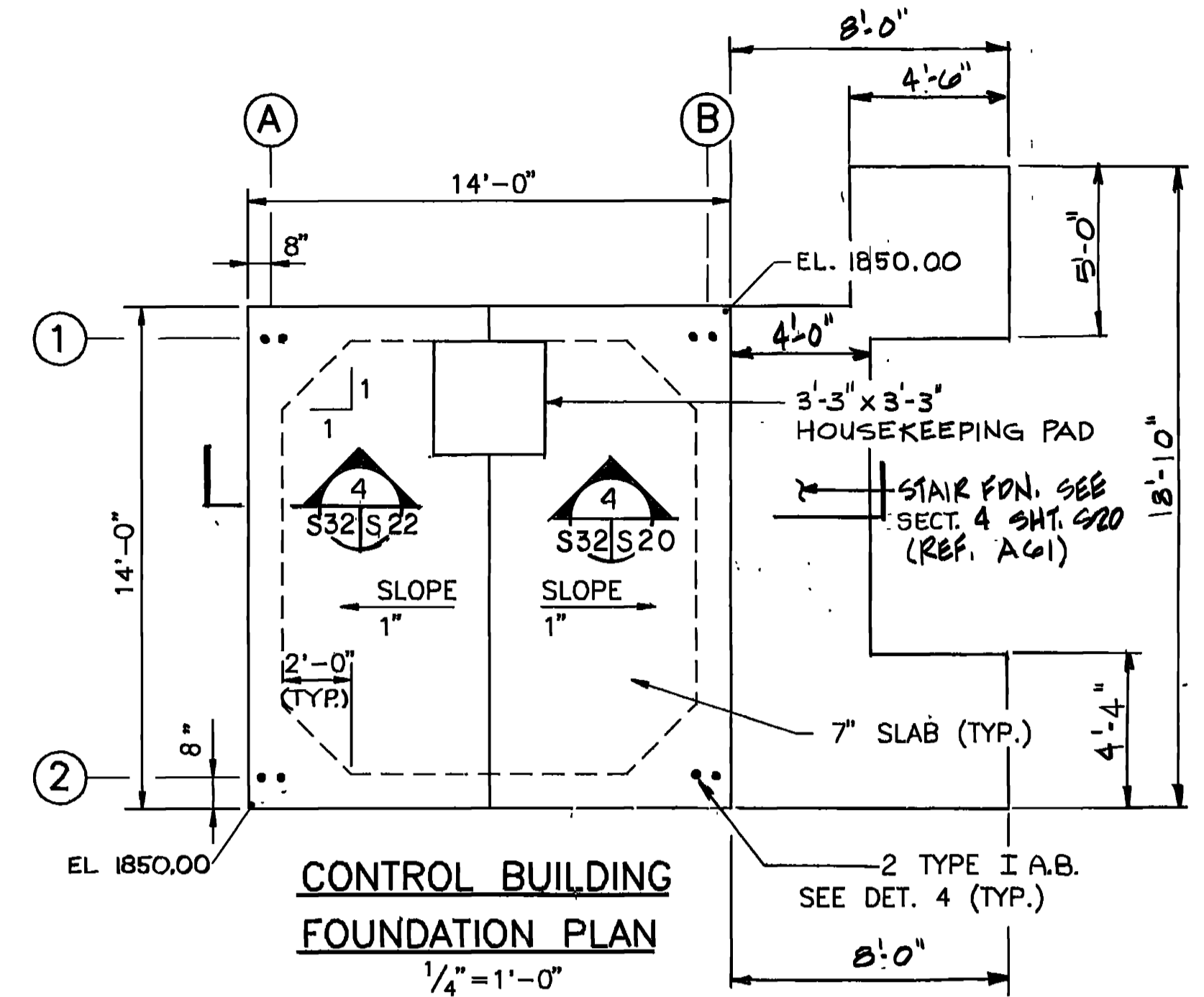
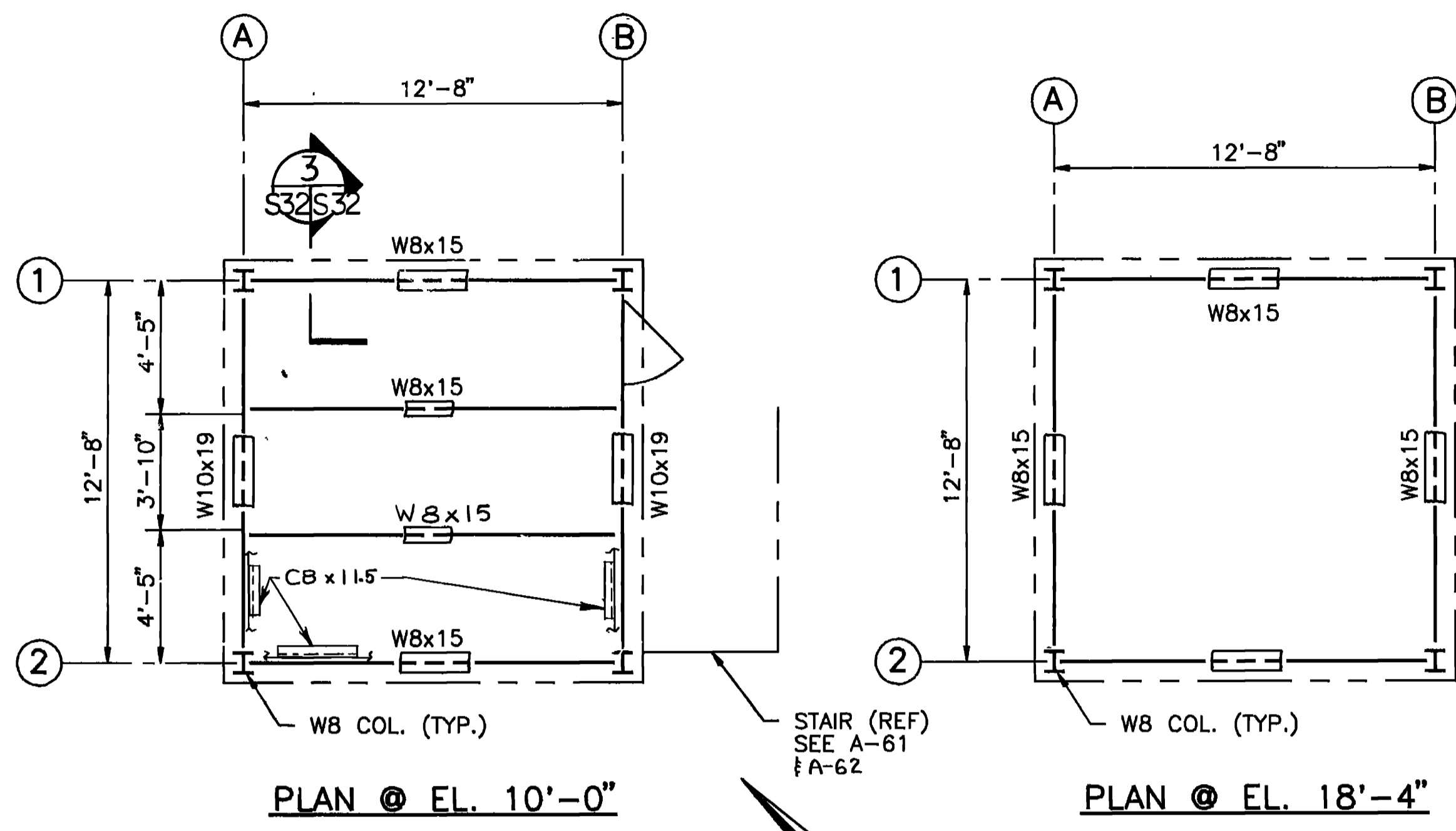
- NOTES:**
- 1) ALL DIMENSIONS MUST BE VERIFIED/ADJUSTED AS REQUIRED TO MATCH THE ACTUAL PUMPS SELECTED FOR SIZE AND HYDRAULIC REQUIREMENTS (SUCH AS CLEARANCE OF SUCTION BELL FROM THE BACK WALL). NO CONSTRUCTION SHALL PROCEED UNTIL DETAIL DWGS. HAVE BEEN SUBMITTED AND APPROVED.
  - 2) ALL STRUCTURAL STEEL SHALL BE HOT-DIPPED GALVANIZED.



|                        |  |
|------------------------|--|
| DESIGNED BY:<br>S M S  | U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS       |
| DRAWN BY:<br>J L / nio | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS   |
| REVIEWED BY:           | FIRE TRAINING COMPLEX<br>PLATFORM PLAN,<br>SECTIONS & DETAILS<br>WATER CONSERVATION POND |
| DATE: JUN 1992         | CONTR. NO. DACW63-92-C-0155  |
| DRAWING NUMBER         | SHEET NO. 194  |

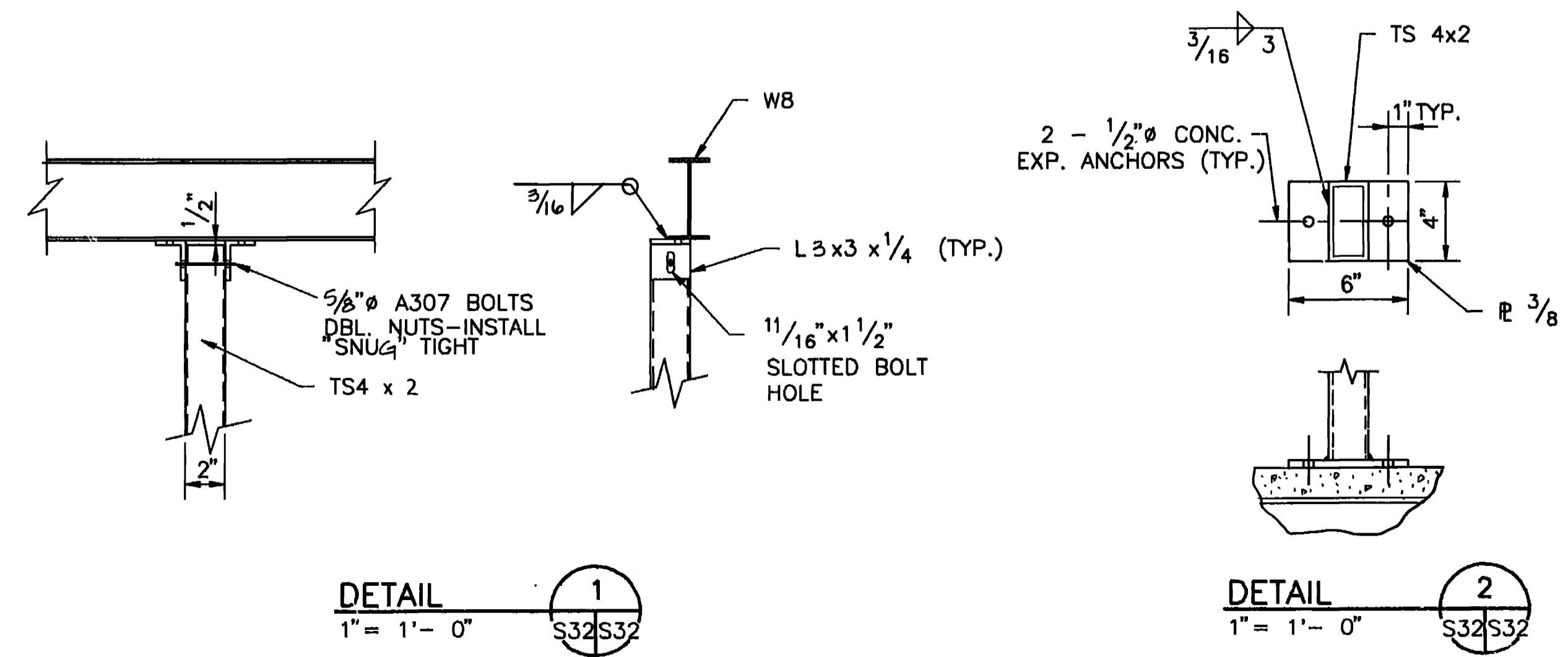


DRAWING NO. 194-0155

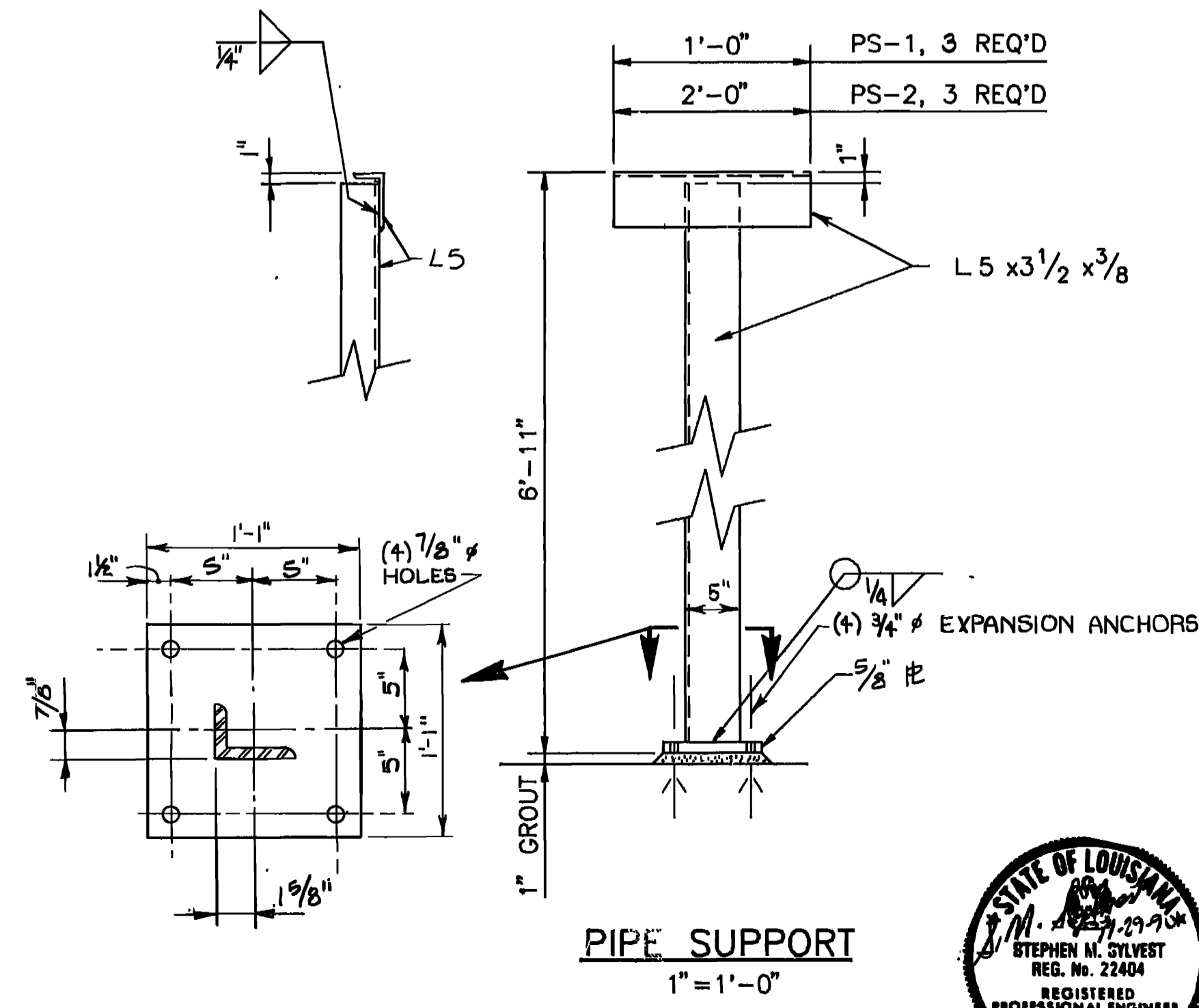


**CONTROL TOWER**  
1/4" = 1'-0"

NOTE: SEE ARCH. DWGS. A-61 & A-62 FOR MISC. ROOF AND WALL FRAMING



**DETAIL 4**  
1" = 1'-0"



NOTE: CONTRACTOR VERIFY TANK AND PUMP ANCHOR BOLTS & FOUNDATIONS WITH CERTIFIED VENDOR DATA.

|            |                                |          |                         |
|------------|--------------------------------|----------|-------------------------|
| SYMBOL NO. | ACTION                         | DATE     | DESCRIPTION OF REVISION |
| 1          | REVISED TO REFLECT W.I. CHANGE | 4 JUN 90 |                         |

DESIGNED BY: S.M.S.  
 DRAWN BY: E.M.  
 REVIEWED BY: M.J.C.

WALK, HAYDEL & ASSOC. INC.  
 ENGINEERS / ARCHITECTS  
 NEW ORLEANS MOBILE BATON ROUGE

U.S. ARMY ENGINEER DISTRICT, FORT WORTH  
 CORPS OF ENGINEERS  
 FORT WORTH, TEXAS

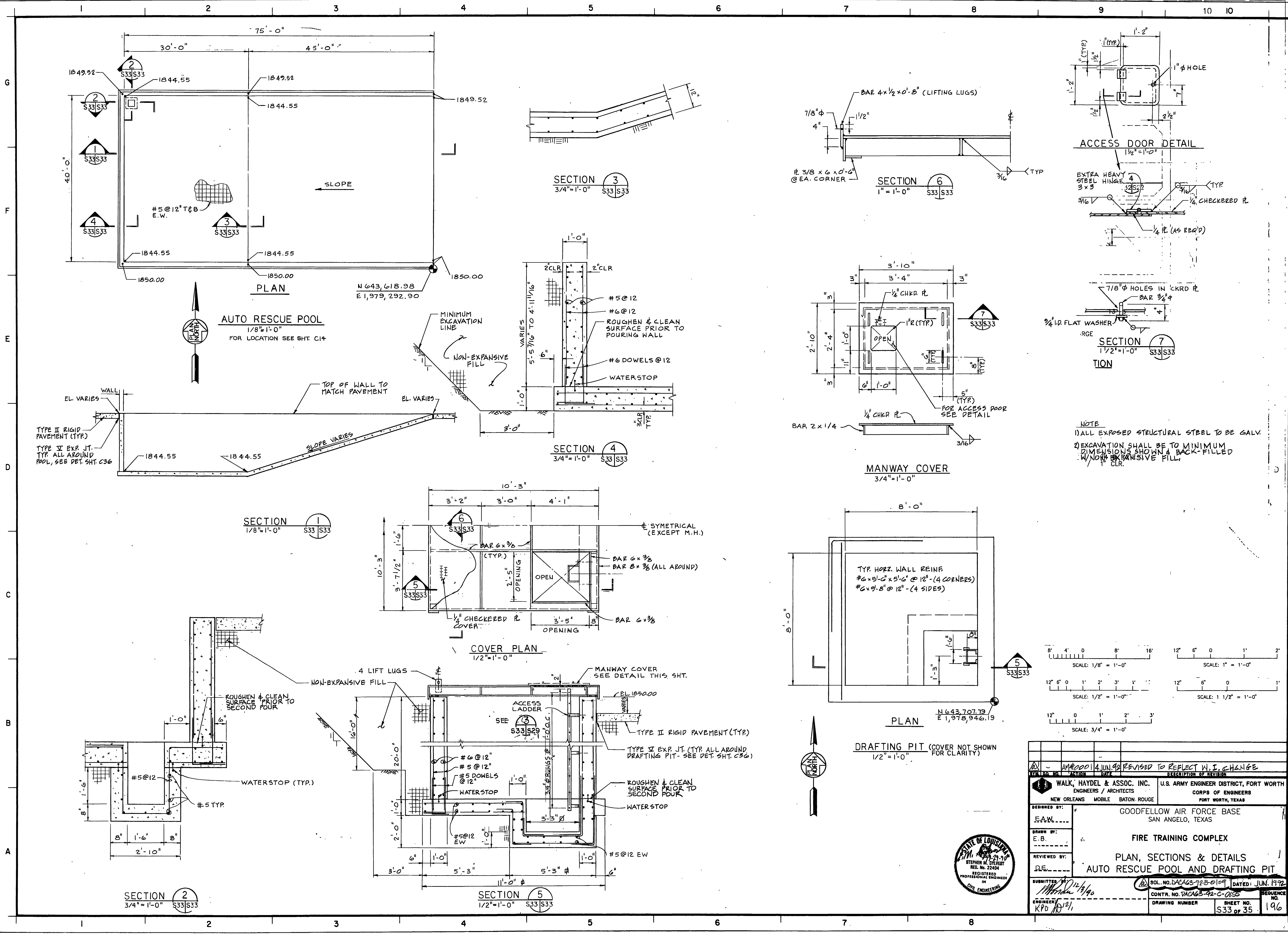
GOODFELLOW AIR FORCE BASE  
 SAN ANGELO, TEXAS

**FIRE TRAINING COMPLEX**  
**FIRE BURN AREA CONTROL TOWER**  
**STORAGE TANK & PUMP PAD**

SUBMITTED BY: [Signature] 12/1/90  
 ENGINEER: KPD 10/1/91

STATE OF LOUISIANA  
 REGISTERED PROFESSIONAL ENGINEER  
 NO. 22484  
 CIVIL ENGINEERING  
 2-26-91

SOL. NO. DACAG-92-B-0107 DATED JUN. 1992  
 CONTR. NO. DACAG-92-C-0185  
 DRAWING NUMBER: [Blank] SHEET NO. S32 OF 35 NO. 195



**AUTO RESCUE POOL**  
 1/8" = 1'-0"  
 FOR LOCATION SEE SHT. C14

**SECTION 1**  
 1/8" = 1'-0" S33/S33

**SECTION 3**  
 3/4" = 1'-0" S33/S33

**SECTION 4**  
 3/4" = 1'-0" S33/S33

**SECTION 6**  
 1" = 1'-0" S33/S33

**SECTION 7**  
 1/2" = 1'-0" S33/S33

**SECTION 5**  
 1/2" = 1'-0" S33/S33

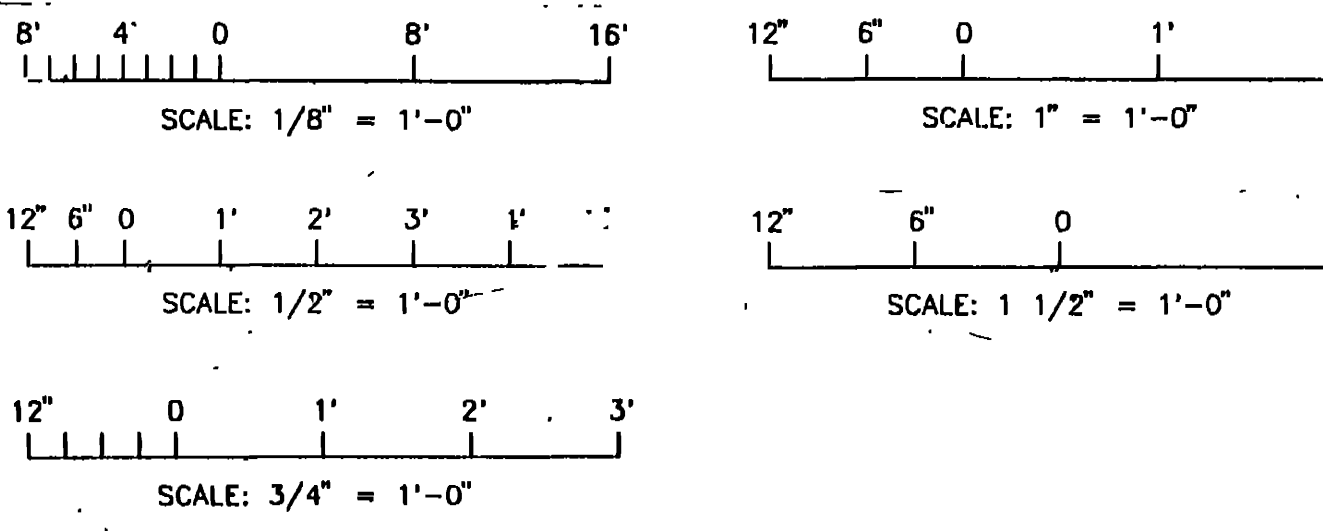
**MANWAY COVER**  
 3/4" = 1'-0"

**COVER PLAN**  
 1/2" = 1'-0"

**PLAN**  
 N 643,707.79  
 E 1,978,946.19

**DRAFTING PIT** (COVER NOT SHOWN)  
 1/2" = 1'-0"  
 FOR CLARITY

- NOTE**
- 1) ALL EXPOSED STRUCTURAL STEEL TO BE GALV.
  - 2) EXCAVATION SHALL BE TO MINIMUM DIMENSIONS SHOWN & BACK-FILLED WITH NON-EXPANSIVE FILL.

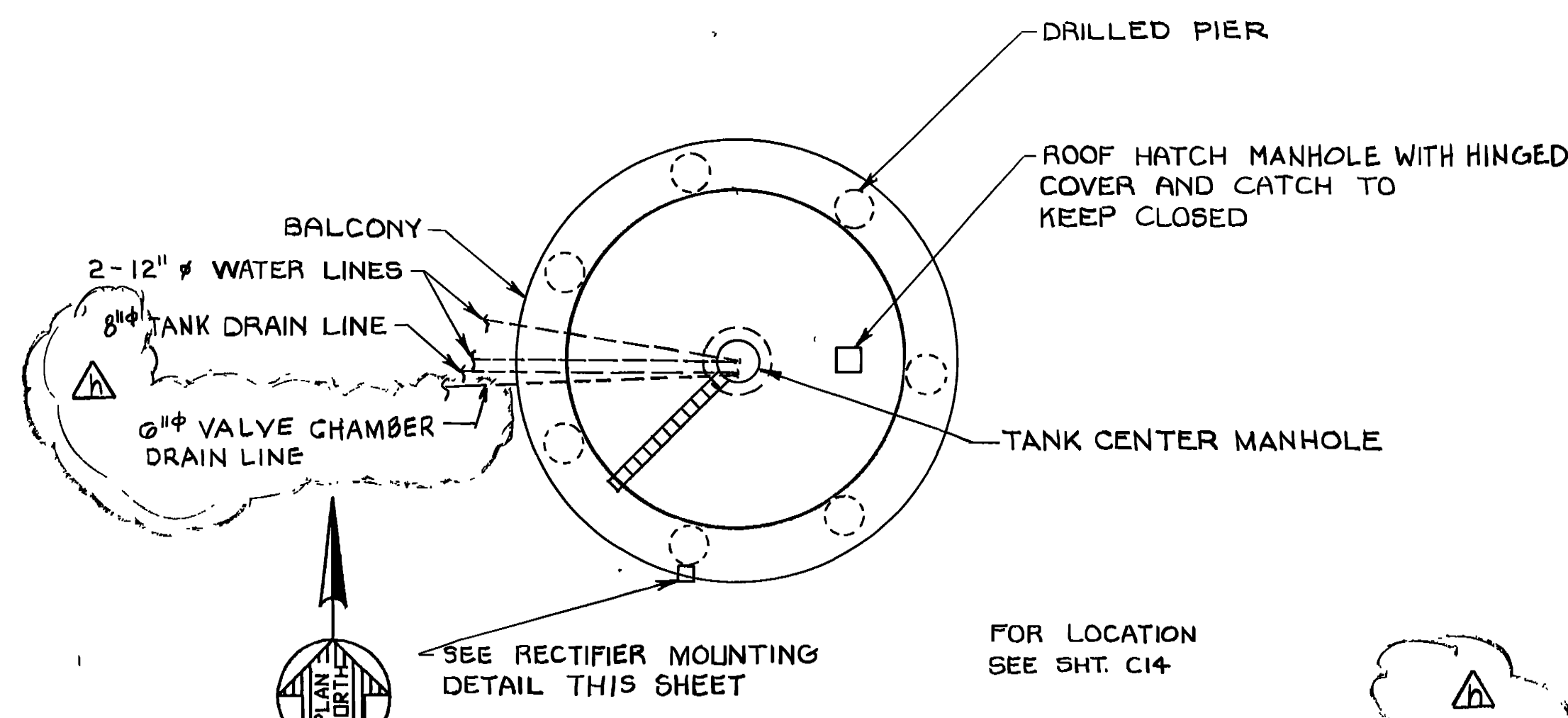


|  |   |
|--|---|
| AM 1000 14 JUN 90 REVISED TO REFLECT W.I. CHANGE<br>WALK, HAYDEL & ASSOC. INC. U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE FORT WORTH, TEXAS |   |
| DESIGNED BY: E.A.W.<br>DRAWN BY: E.B.<br>REVIEWED BY: RE.<br>SUBMITTED: 12/14/90<br>ENGINEER: KPD  | GOODFELLOW AIR FORCE BASE<br>SAN ANGELO, TEXAS<br><b>FIRE TRAINING COMPLEX</b><br>PLAN, SECTIONS & DETAILS<br>AUTO RESCUE POOL AND DRAFTING PIT |
| SOL. NO. DACAG3-92-B-0109<br>CONTR. NO. DACAG3-92-C-0155<br>DRAWING NUMBER: S33 OF 35  | DATED: JUN. 1992<br>SHEET NO. 196   |

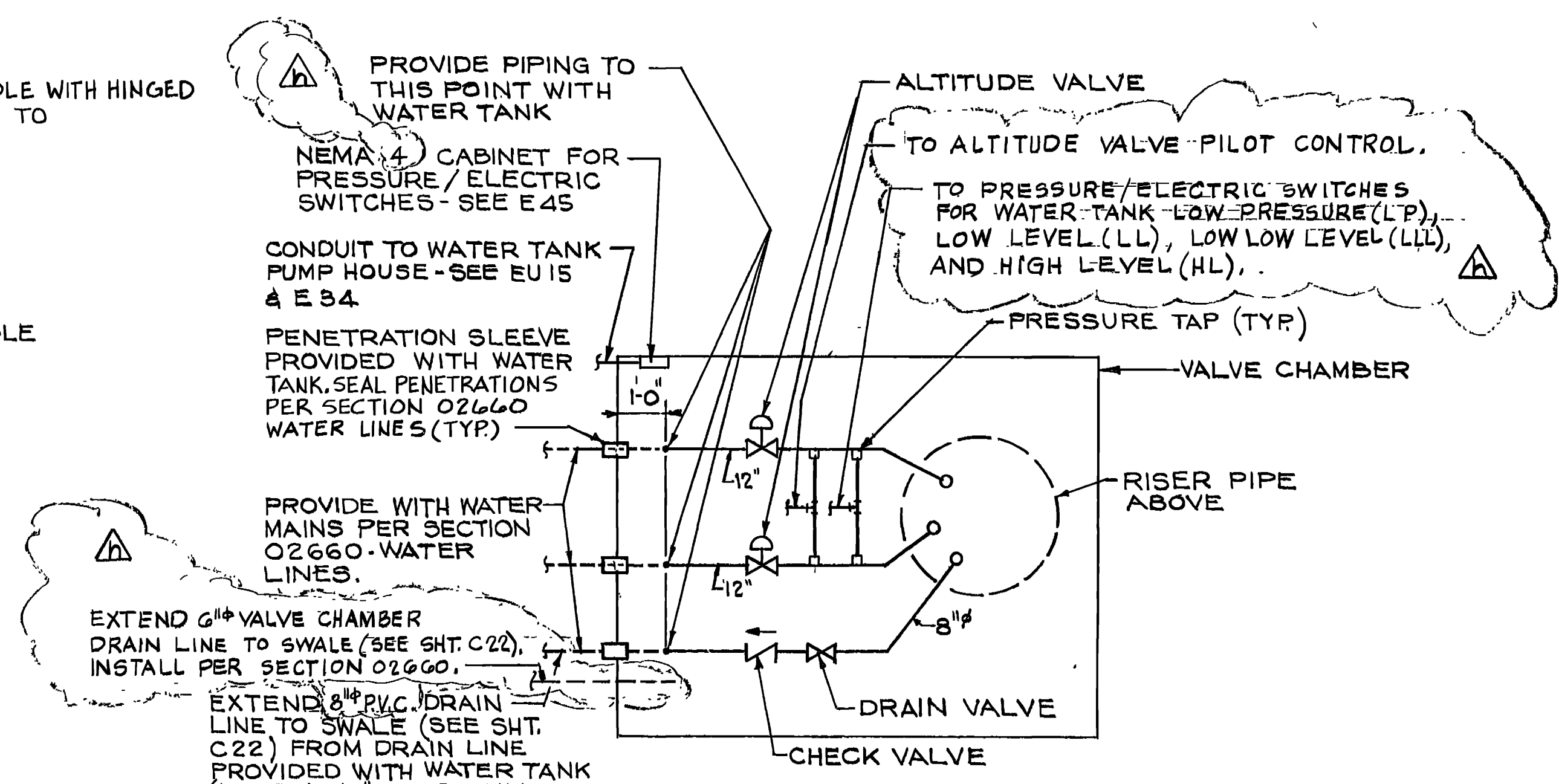


**NOTES**

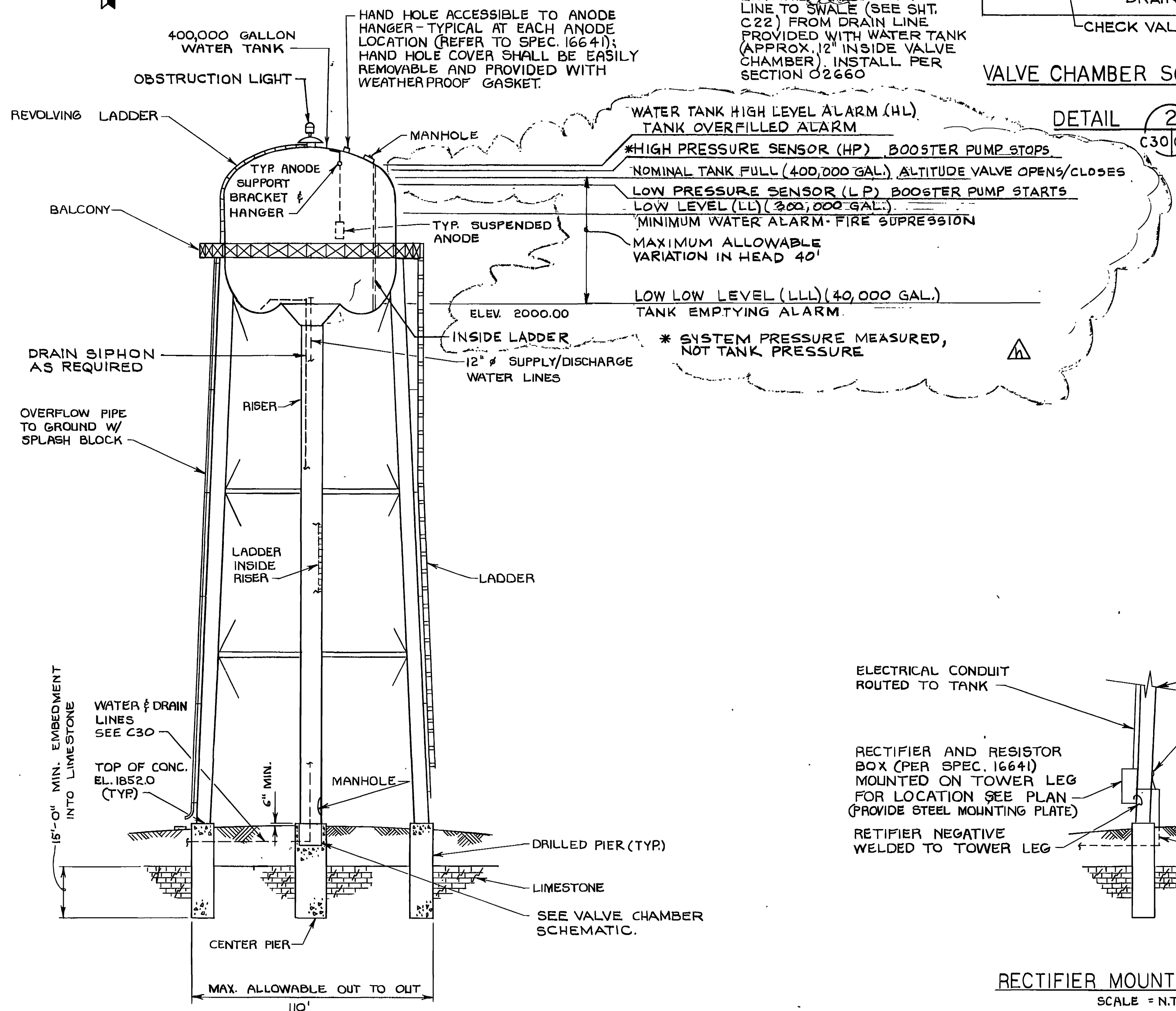
1. DRAWING IS FOR CONCEPT ONLY. DETAILED DESIGN OF TANK AND ASSOCIATE FOUNDATION'S SHALL BE DONE BY CONTRACTOR.
2. FOR WATER TANK PUMP HOUSE ALARM TABLE SEE SHT. E 45.
3. FOR WATER TANK BOOSTER PUMP SCHEMATIC DIAGRAM SEE SHT. E 33.



**PLAN**

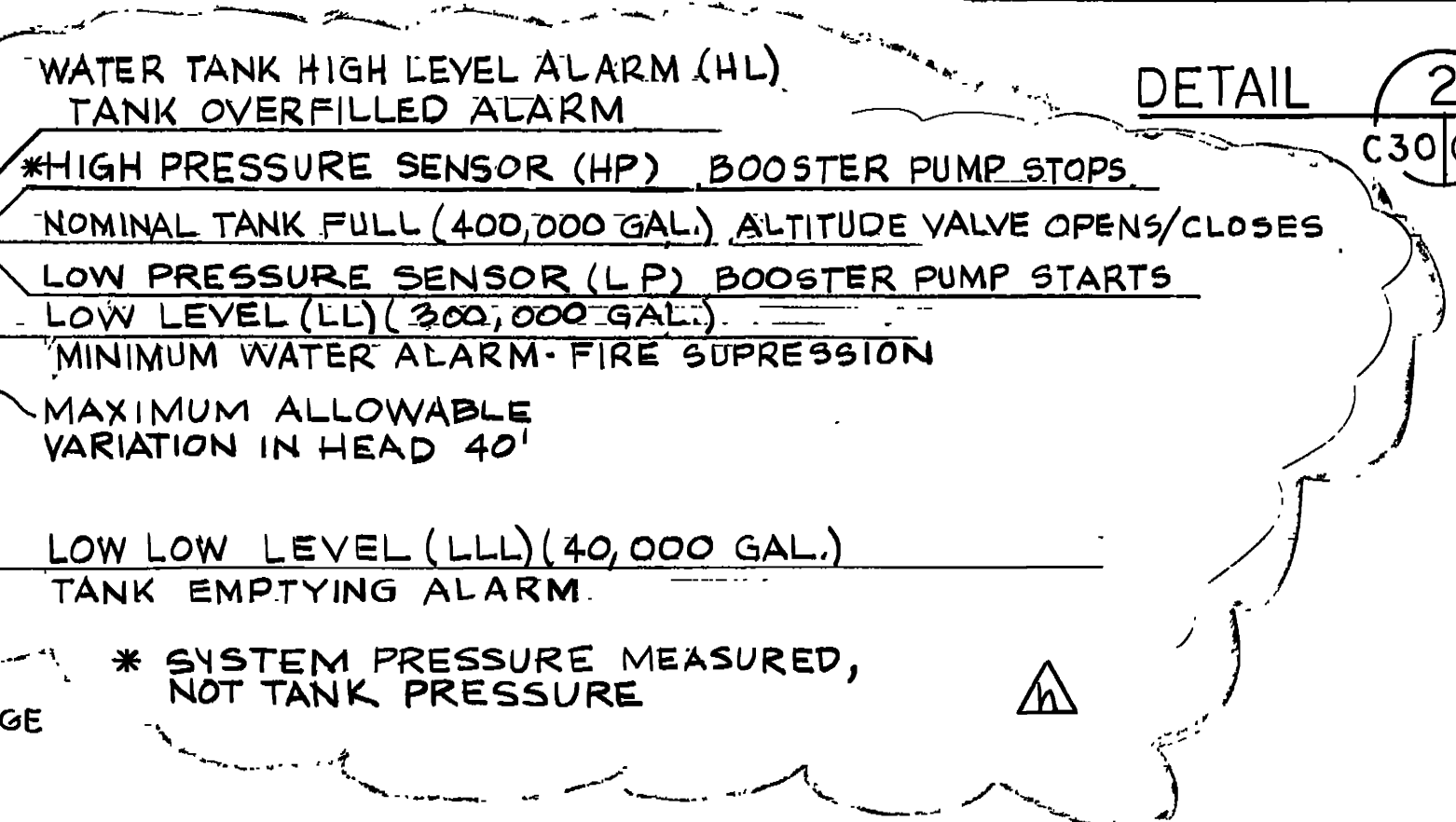


**VALVE CHAMBER SCHEMATIC**

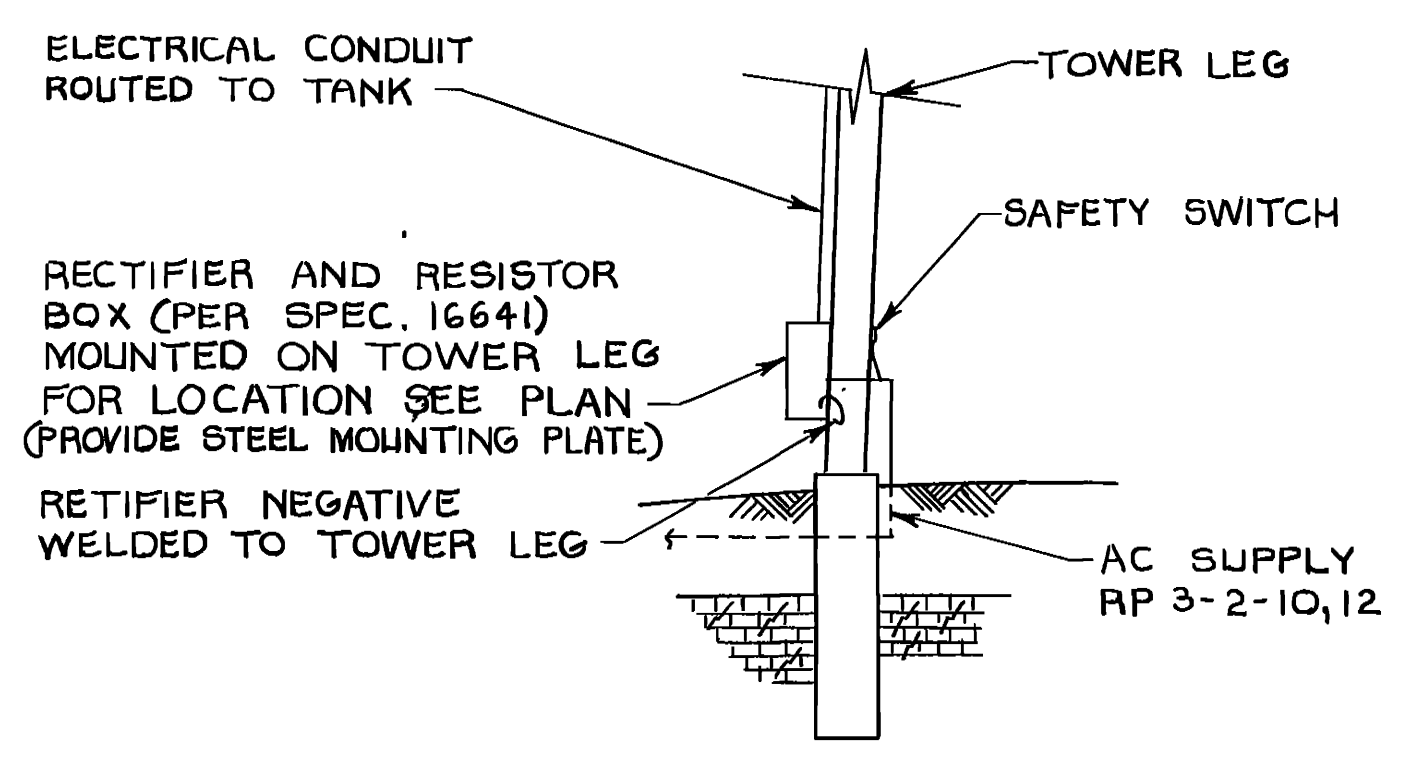


**ELEVATION**

**WATER TANK**  
SCALE = N.T.S.

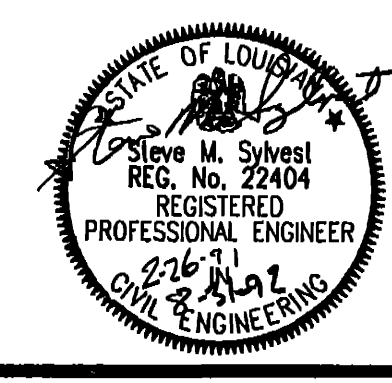


**DETAIL 2**  
C30/C34



**RECTIFIER MOUNTING DETAIL**  
SCALE = N.T.S.

|                                |   |                     |                                 |
|--------------------------------|---|---------------------|---------------------------------|
| REVISED                        | AM #00082                               | SEP 92              | REVISED WATER TANK WATER LEVELS |
| REVISED                        | AM #0001                                | JUN 92              | REVISED TO REFLECT N.I. CHANGE  |
| DESIGNED BY:                   | WALK, HAYDEL & ASSOC. INC.              |                     |                                 |
| ENGINEERS / ARCHITECTS         | U.S. ARMY ENGINEER DISTRICT, FORT WORTH |                     |                                 |
| NEW ORLEANS MOBILE BATON ROUGE | CORPS OF ENGINEERS                      |                     |                                 |
| DESIGNED BY:                   | GOODFELLOW AIRFORCE BASE                |                     |                                 |
| ENGINEERS / ARCHITECTS         | SAN ANGELO, TEXAS                       |                     |                                 |
| DESIGNED BY:                   | FIRE TRAINING COMPLEX                   |                     |                                 |
| ENGINEERS / ARCHITECTS         | PLAN & ELEVATION                        |                     |                                 |
| DESIGNED BY:                   | WATER TANK                              |                     |                                 |
| ENGINEERS / ARCHITECTS         | SOL. NO. DACAG3-92-B-0100               | DATED: JUN 1992     | SEQUENCE NO. 197                |
| CONTR. NO. DACAG3-92-C-0155    | DRAWING NUMBER                          | SHEET NO. S34 OF 35 |                                 |

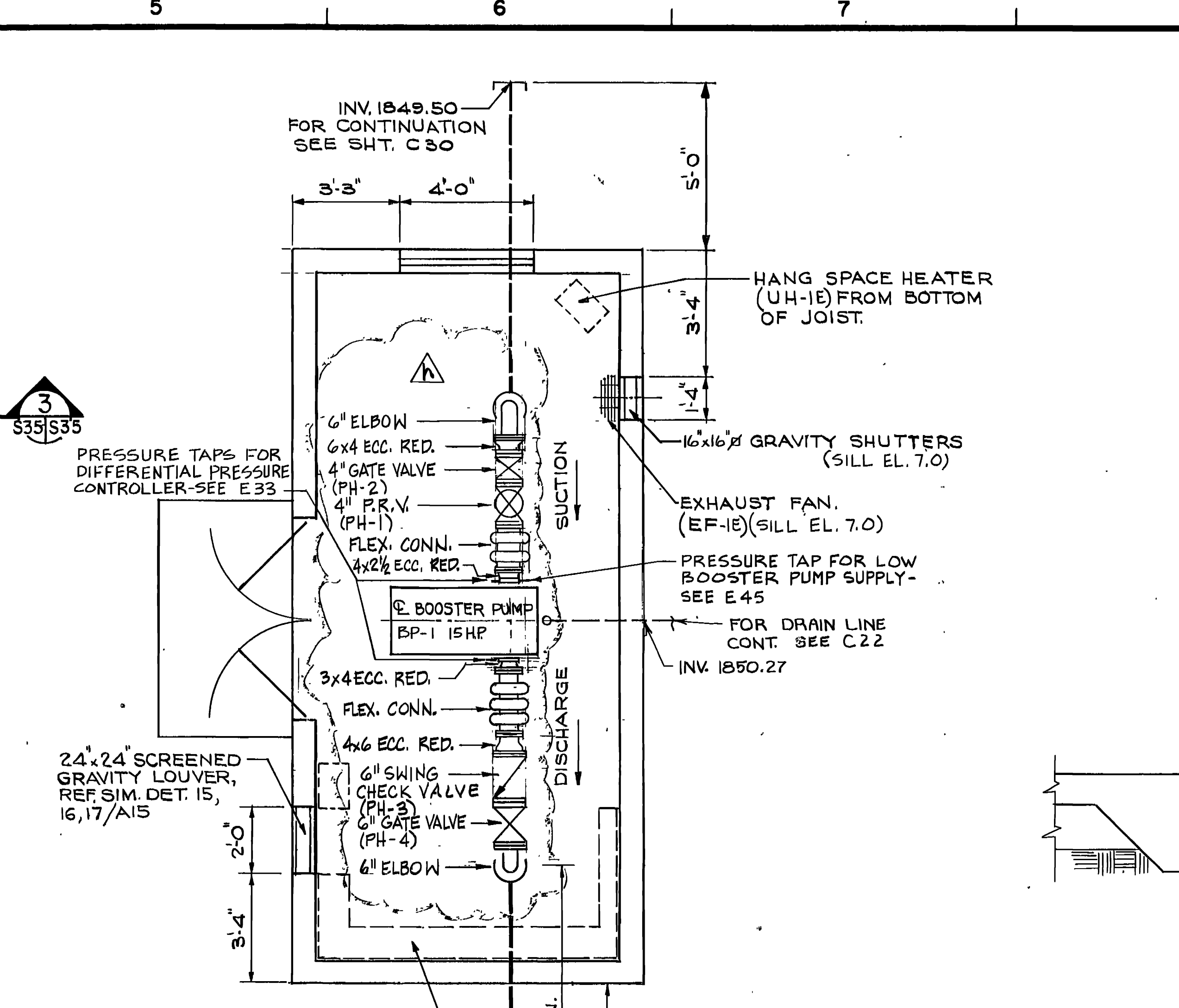
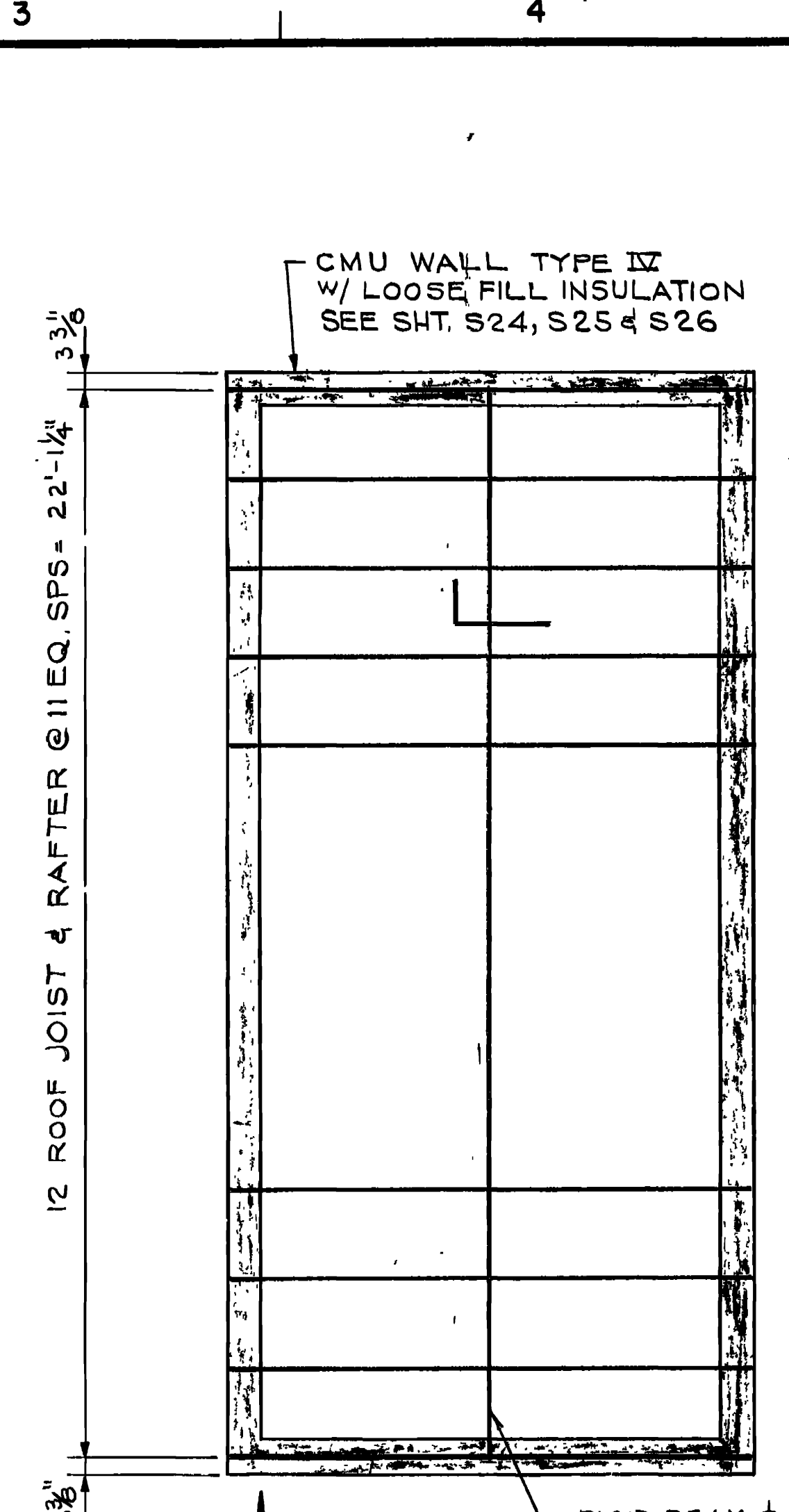
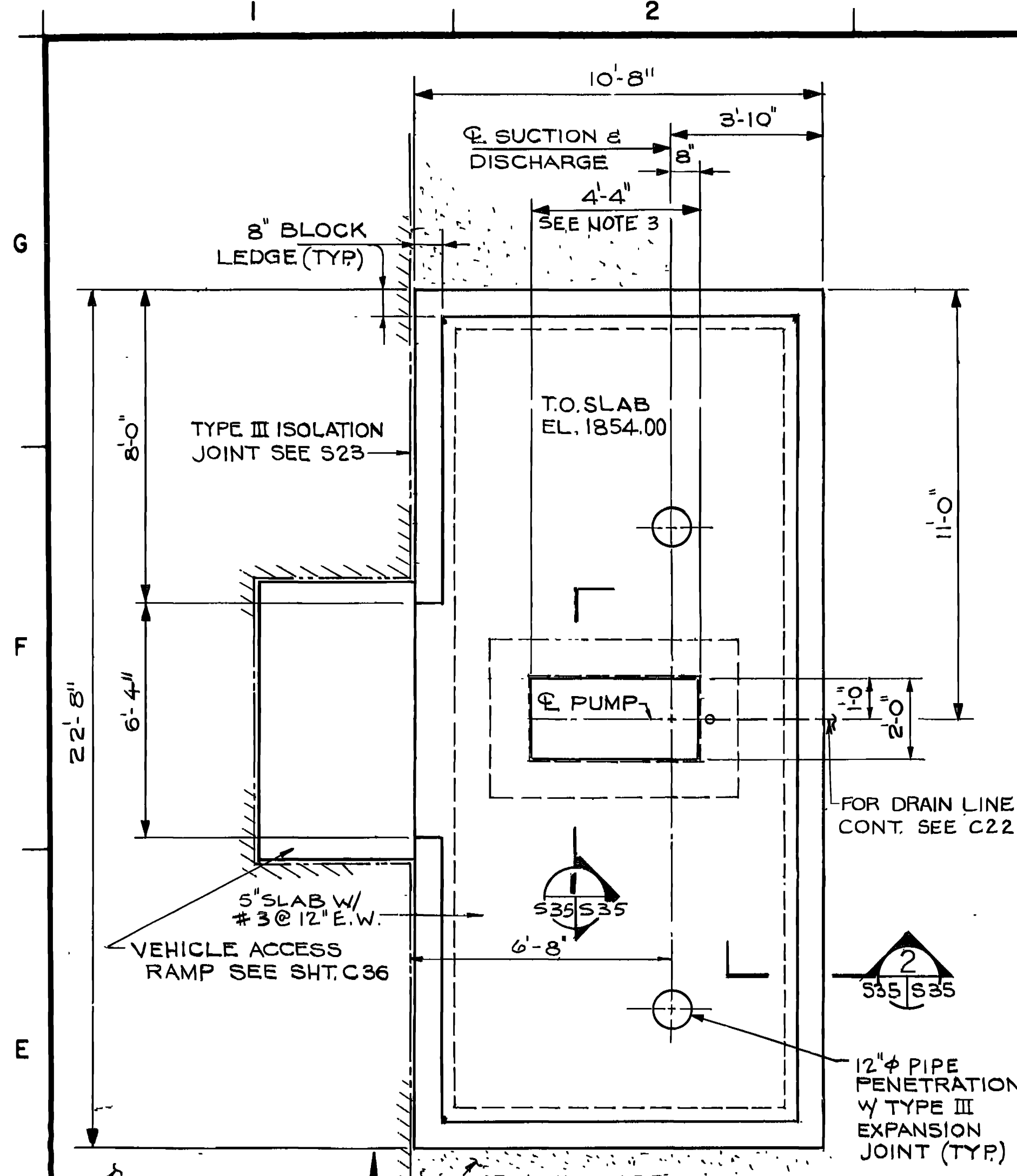


CONTR. NO. DACAG3-92-C-0155

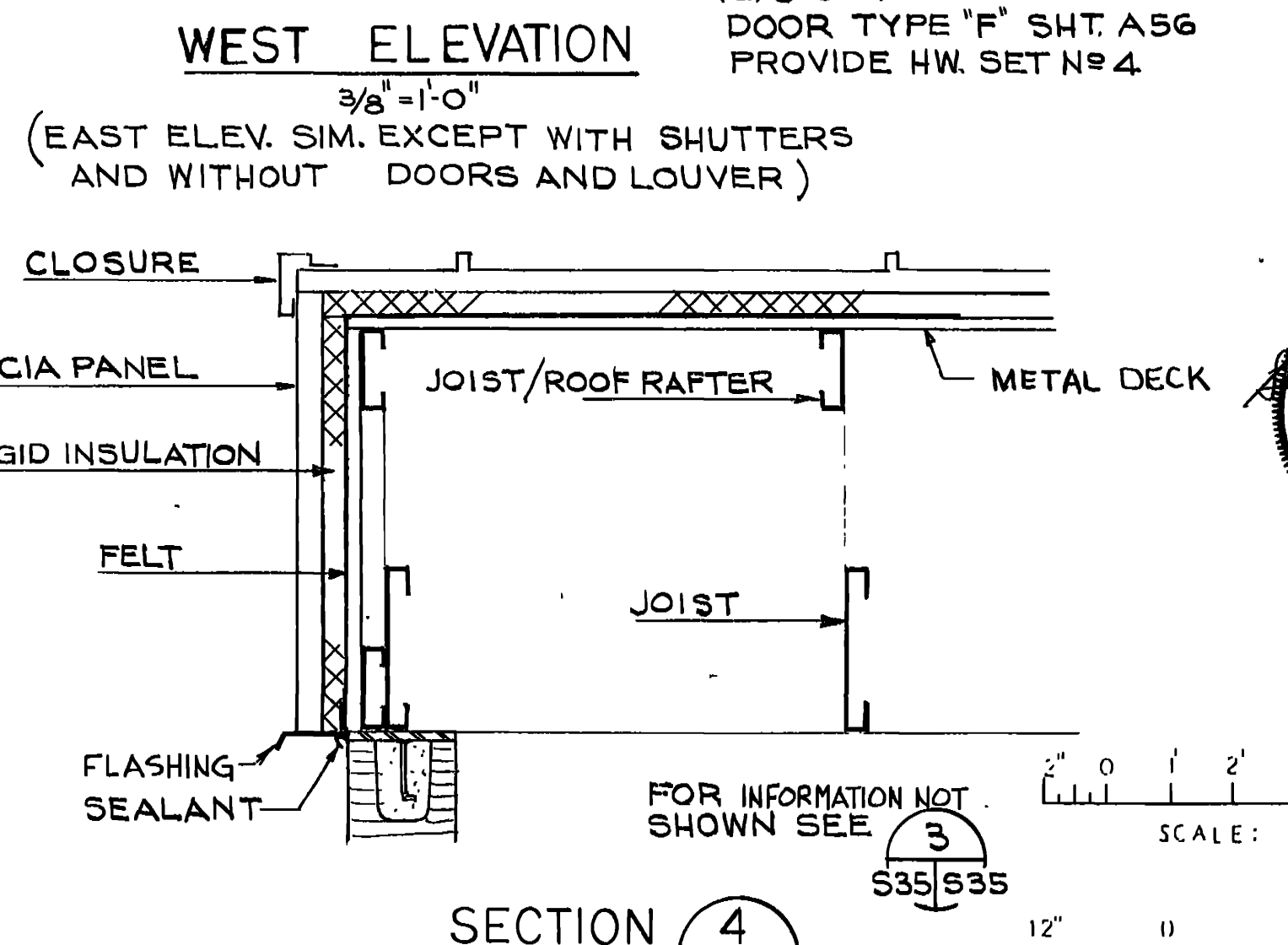
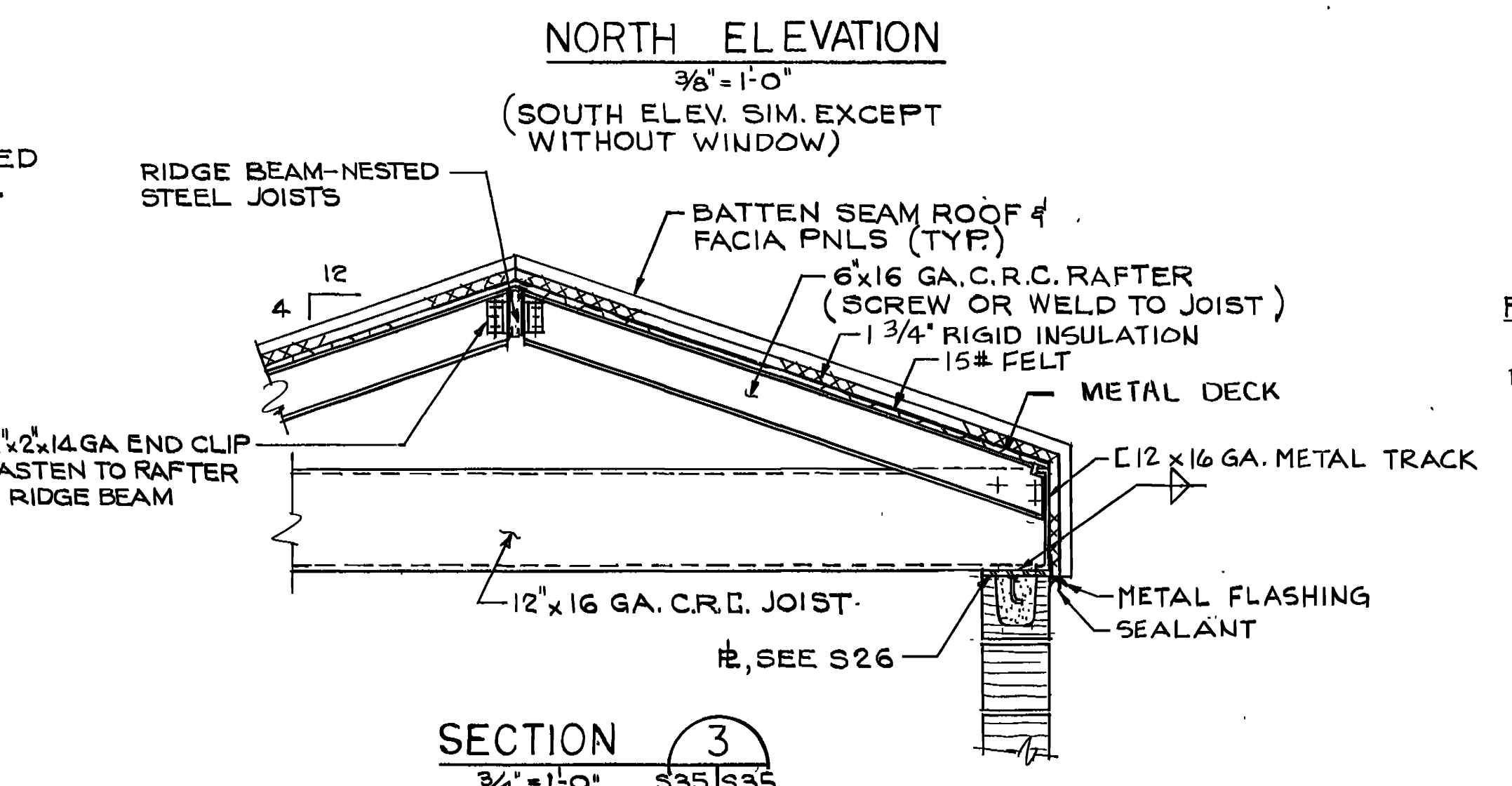
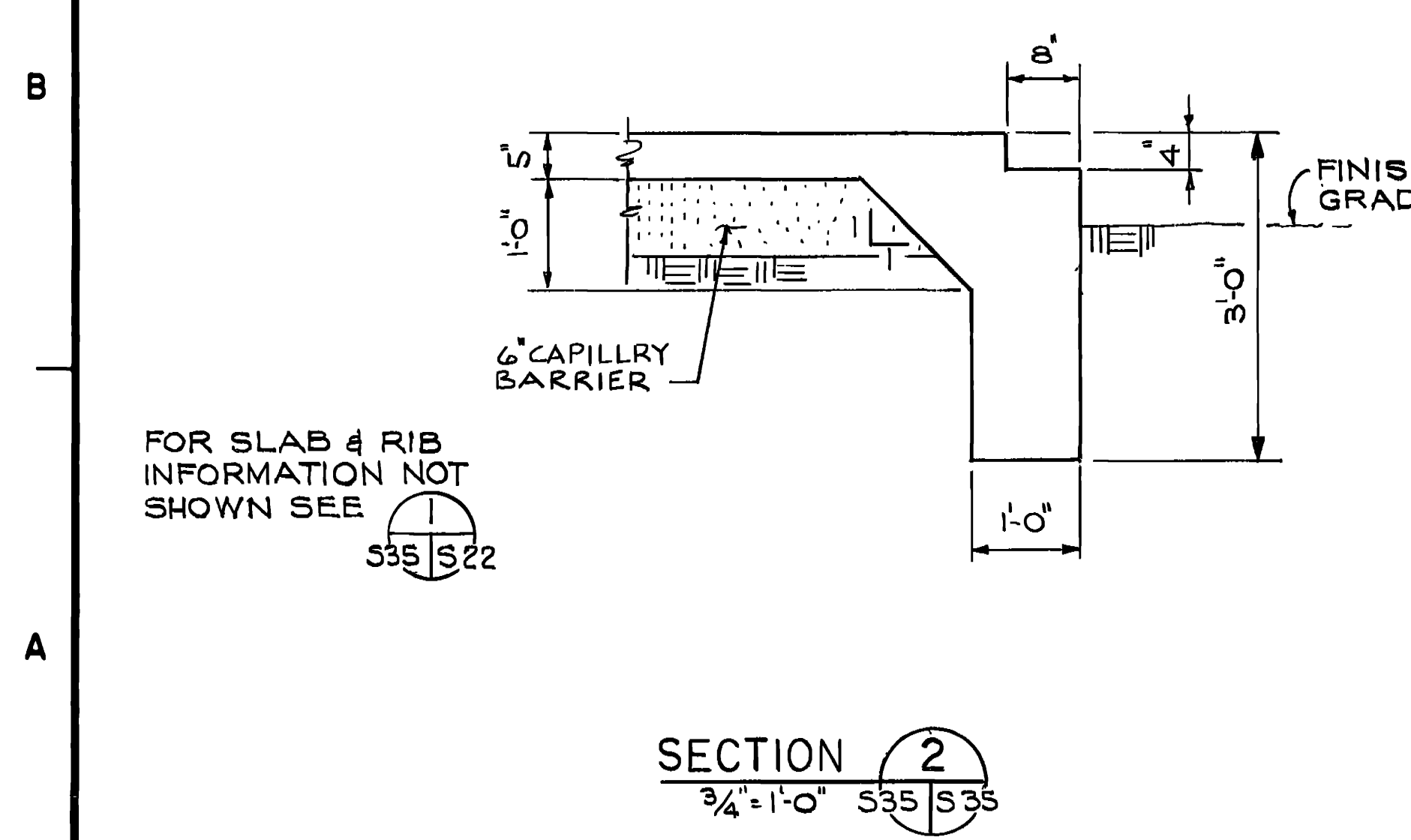
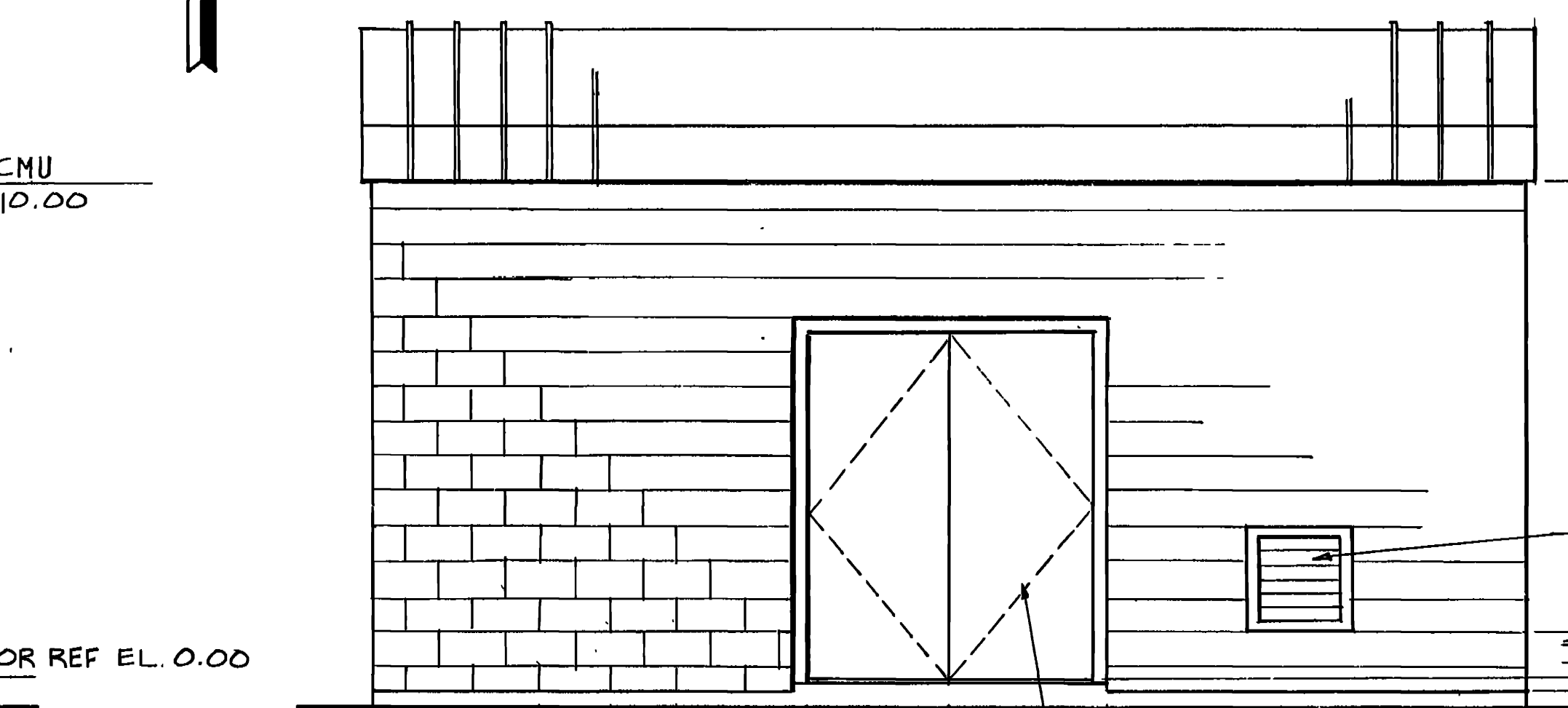
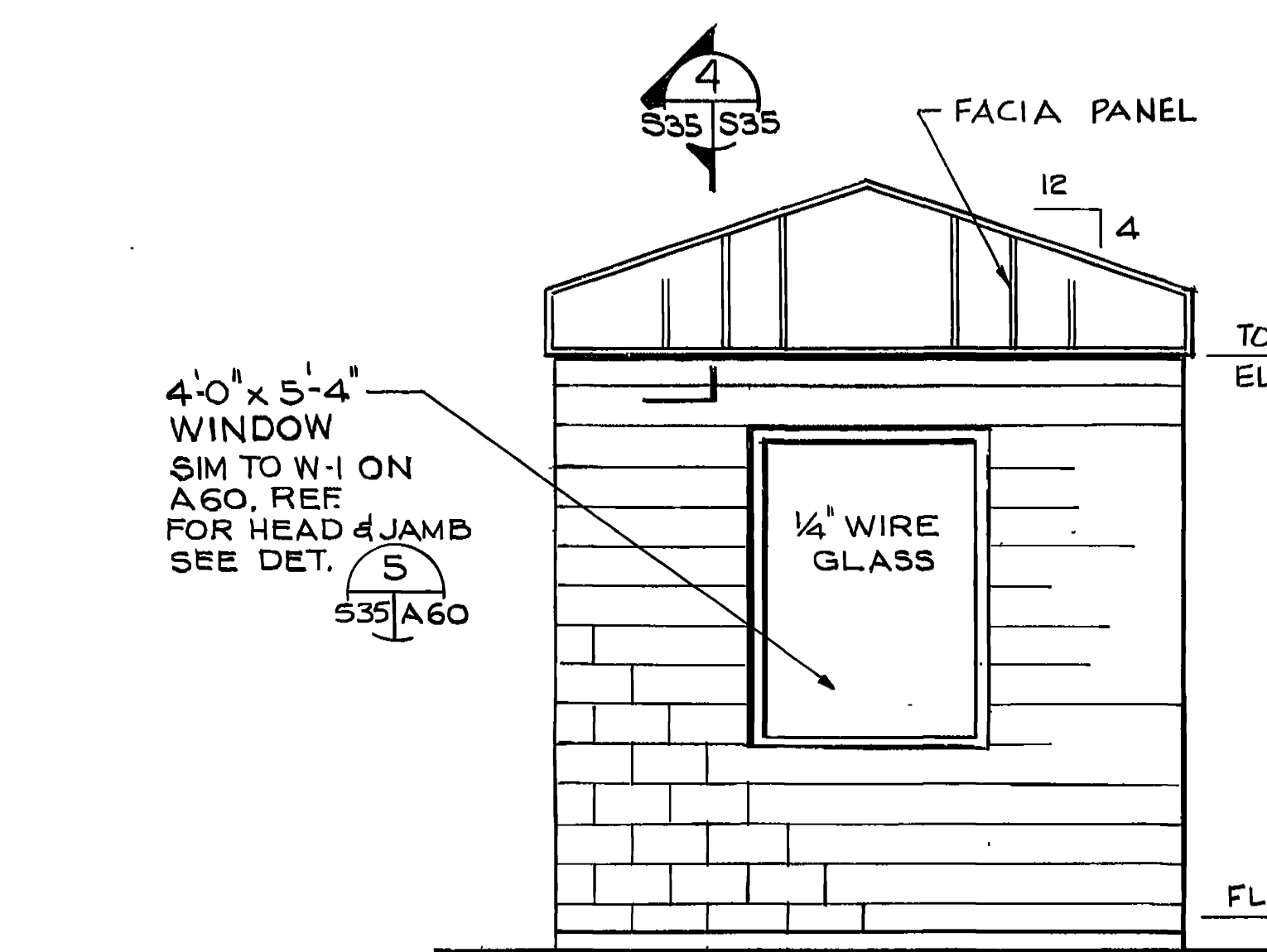
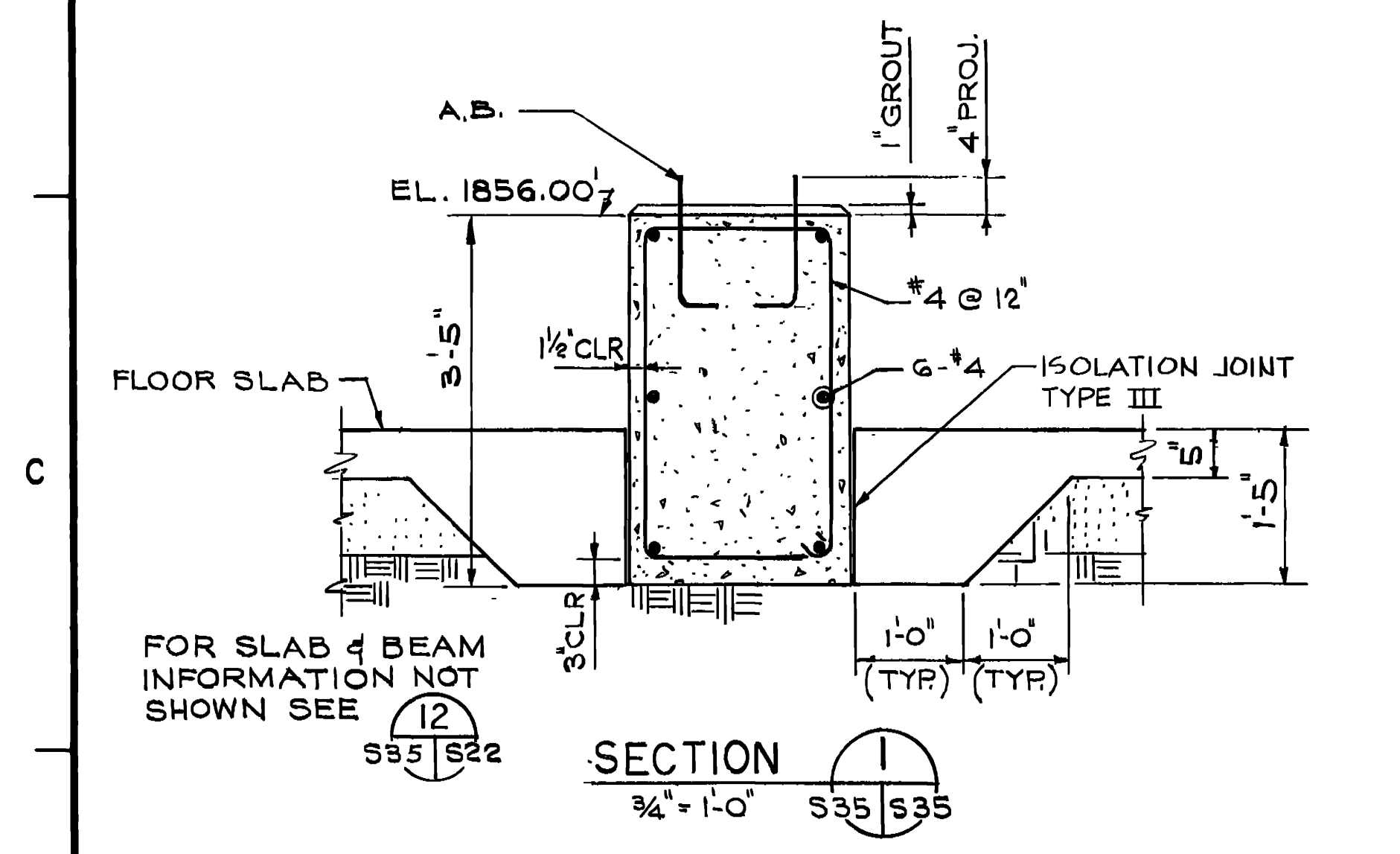
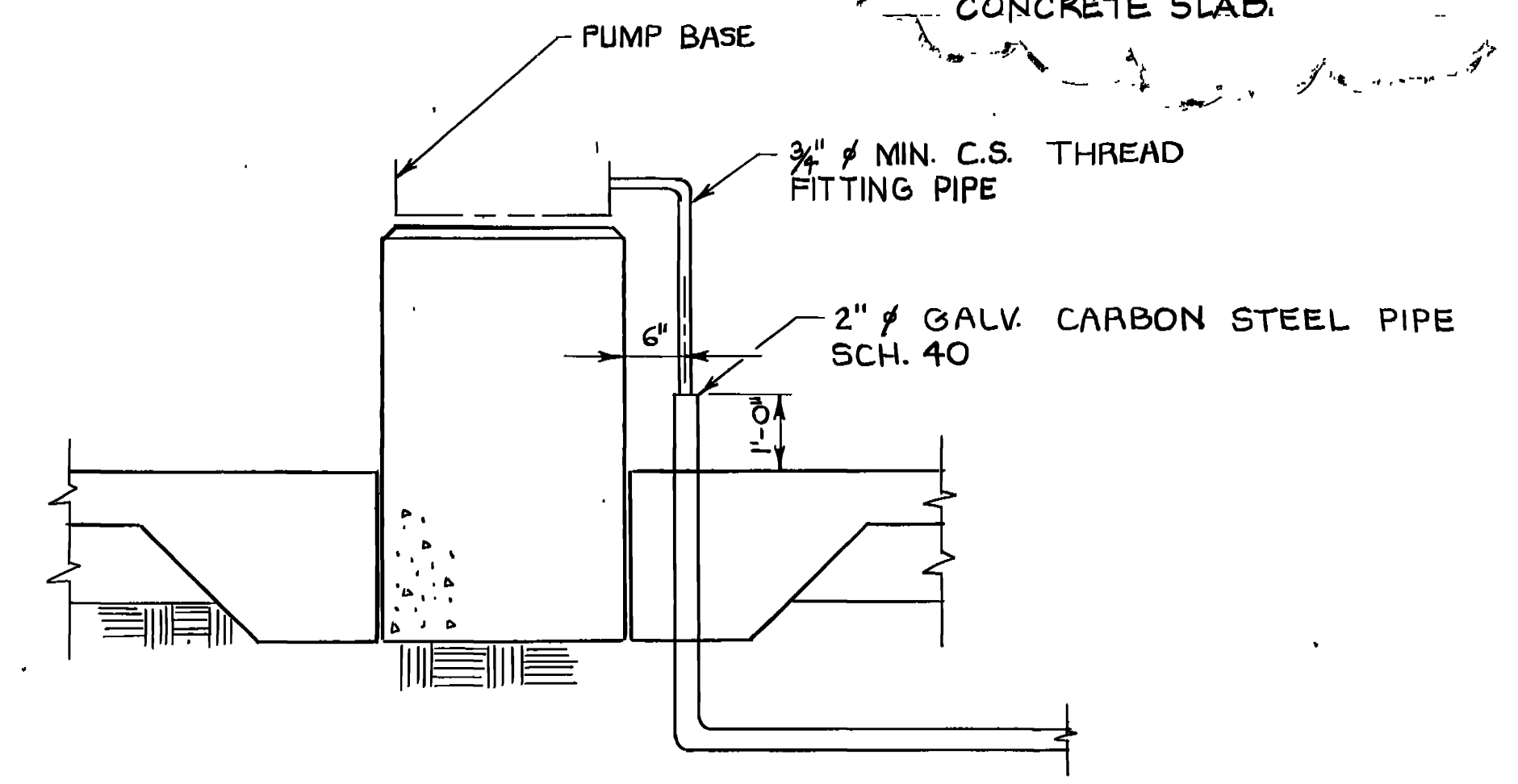


**NOTES**

- FOR ADDITIONAL NOTES SEE SHT. S2
- FOR FLOOR PENETRATIONS & LOCATIONS OF OTHER ELECTRICAL EQUIPMENT NOT SHOWN, SEE ELECTRICAL DWGS.
- CONTRACTOR TO VERIFY PUMP FND. SIZE & ANCHOR BOLTS NUMBER, SIZE & LOCATION WITH PUMP MANUFACTURER DWG. PRIOR TO CONSTRUCTION.
- ALL PIPE AND FITTINGS WITHIN PUMP HOUSE SHALL BE STANDARD CAST IRON FLANGED FITTINGS CONFORMING TO ANSI/AWWA C110/A21.10 WITH FLANGES RATED FOR NOT LESS THAN 150 POUND WORKING PRESSURE. TRANSITION TO PVC PIPE SHALL BE AT A FLANGED JOINT 4" ABOVE FINISHED CONCRETE SLAB.



**SECTION 5**  
SCALE = N.T.S. S35/S35



|  |  |
|--|--|
| AM#0002 SEP 92   | REVISED PIPING & ADDED NOTE 4  |
| AM#0001 JUN 90   | REVISED TO REFLECT W.I. CHANGE   |
| WALK, HAYDEL & ASSOC. INC.<br>ENGINEERS / ARCHITECTS<br>NEW ORLEANS MOBILE BATON ROUGE |  |
| U.S. ARMY ENGINEER DISTRICT, FORT WORTH<br>CORPS OF ENGINEERS<br>FORT WORTH, TEXAS     |  |
| DESIGNED BY:<br>S.M.S.   | GOODFELLOW AIRFORCE BASE<br>SAN ANGELO, TEXAS                                  |
| DRAWN BY:<br>M.A.A.  | FIRE TRAINING COMPLEX<br>PLANS, ELEVATIONS & SECTIONS<br>WATER TANK PUMP HOUSE |
| REVIEWED BY:<br>C.H.   |  |
| SUBMITTED BY:<br>KPD   | SOL. NO. DACAG3-92-B-0109 DATED: JUN. 1992                                     |
| ENGINEER   | CONTR. NO. DACAG-92-C-0155 SEQUENCE NO. 198                                    |
|  | DRAWING NUMBER SHEET NO. S35 OF 35   |