

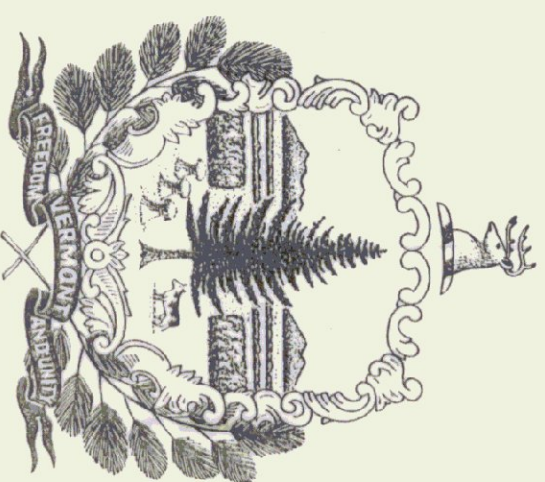
State of Vermont  
Agency of Transportation

# HUNTINGTON HANGAR

Edward F. Knapp State Airport  
Berlin, Vermont

Agency of Transportation  
133 State Street  
Montpelier, Vermont

Glenn Gershaneck, Secretary

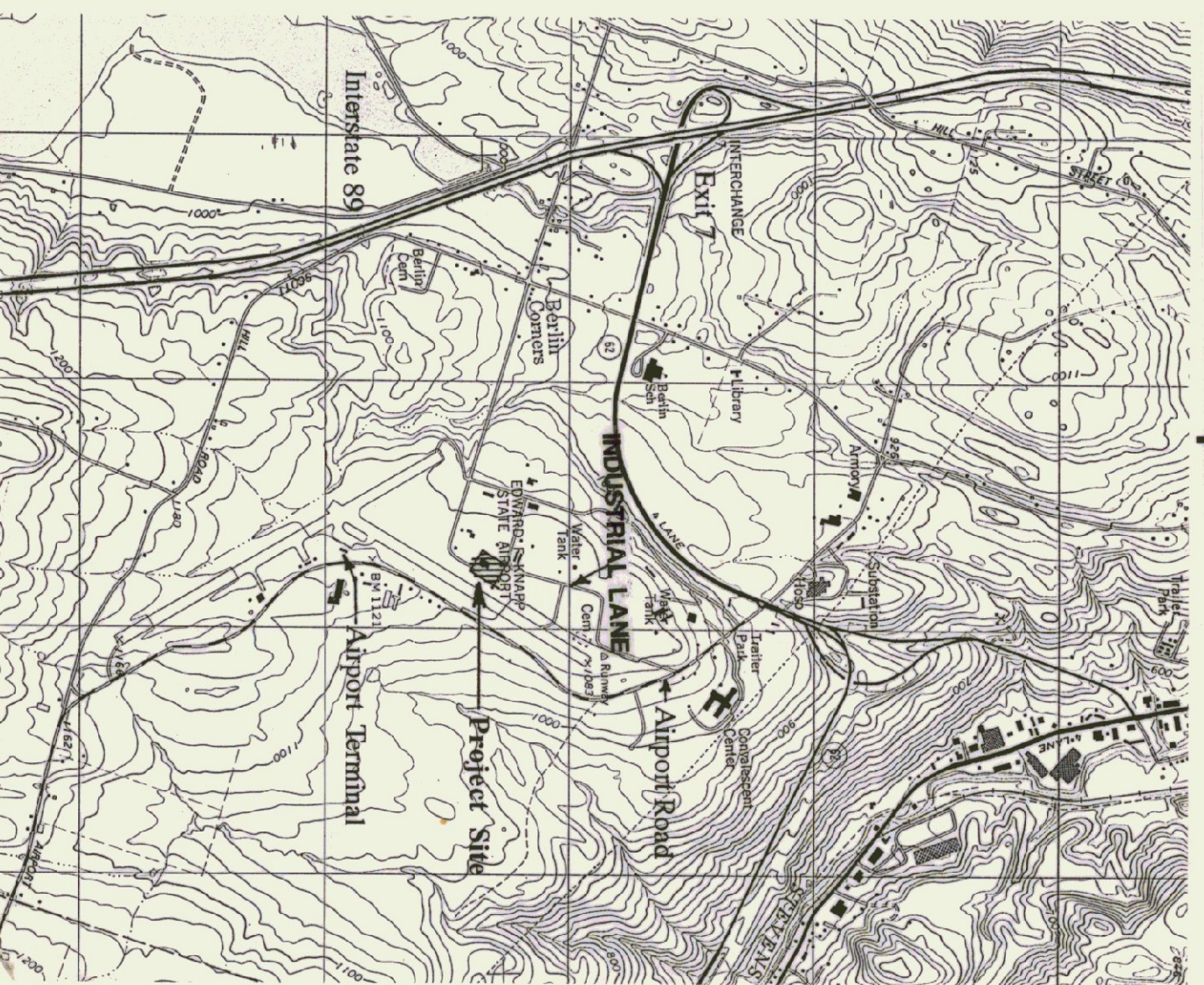


**Howard Dean, MD.**  
Governor

Agency of Administration  
Department of State Buildings  
2 Governor Aiken Avenue  
Montpelier, Vermont

John J. Zampieri, Commissioner

## Location Map



## Drawing Index

<b>Civil Engineering Drawings</b>
C1 Civil Site Plan
C2 Access Road Plan and Profiles
C3 Sections and Details
C4 Buried Oil Tank
<b>Structural Drawings</b>
S1 Foundation Plan
S2 Roof Framing Plan
S3 Framing Elevations
S4 Details and Notes
S5 Details and Concrete Notes
<b>Architectural Drawings</b>
A1 Site Plan
A2 Floor Plan and Schedules
A3 Elevations
A4 Sections
A5 Door and Window Details
A6 Details
<b>Mechanical Drawings</b>
M1 Mechanical Plan and Details
<b>Electrical Drawings</b>
E1 Electrical Plan and Schedules
E2 Electrical Details and Schedules
E3 Electrical Site Plan

**Architect:**  
**Gossens Bachman, Inc.**  
18 Langdon Street  
Montpelier, Vermont  
(802) 229-1664

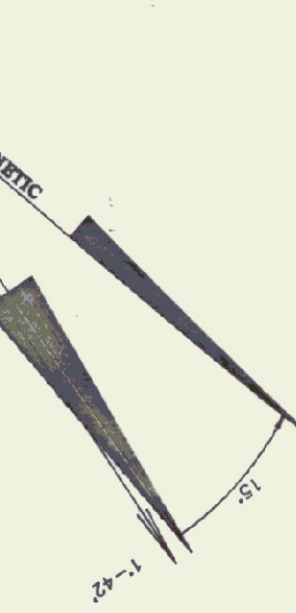
**Civil/ Structural Engineer:**  
**Provan & Lorber, Inc.**  
7 Main Street  
Montpelier, Vermont  
(802) 229-1442

**Mechanical/ Electrical Engineer:**  
**Pearson & Associates**  
P.O. Box 610  
Stowe, Vermont  
(802) 253-9607

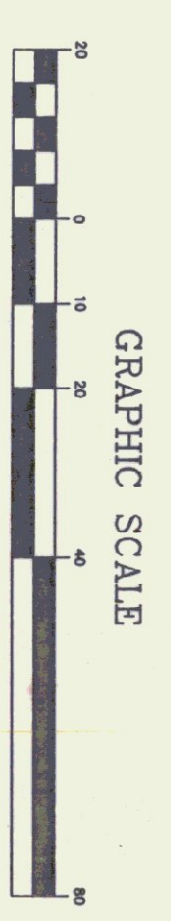
N/F  
NICOM INC.

CONTRACTOR'S STAGING AREA

INDUSTRIAL LANE

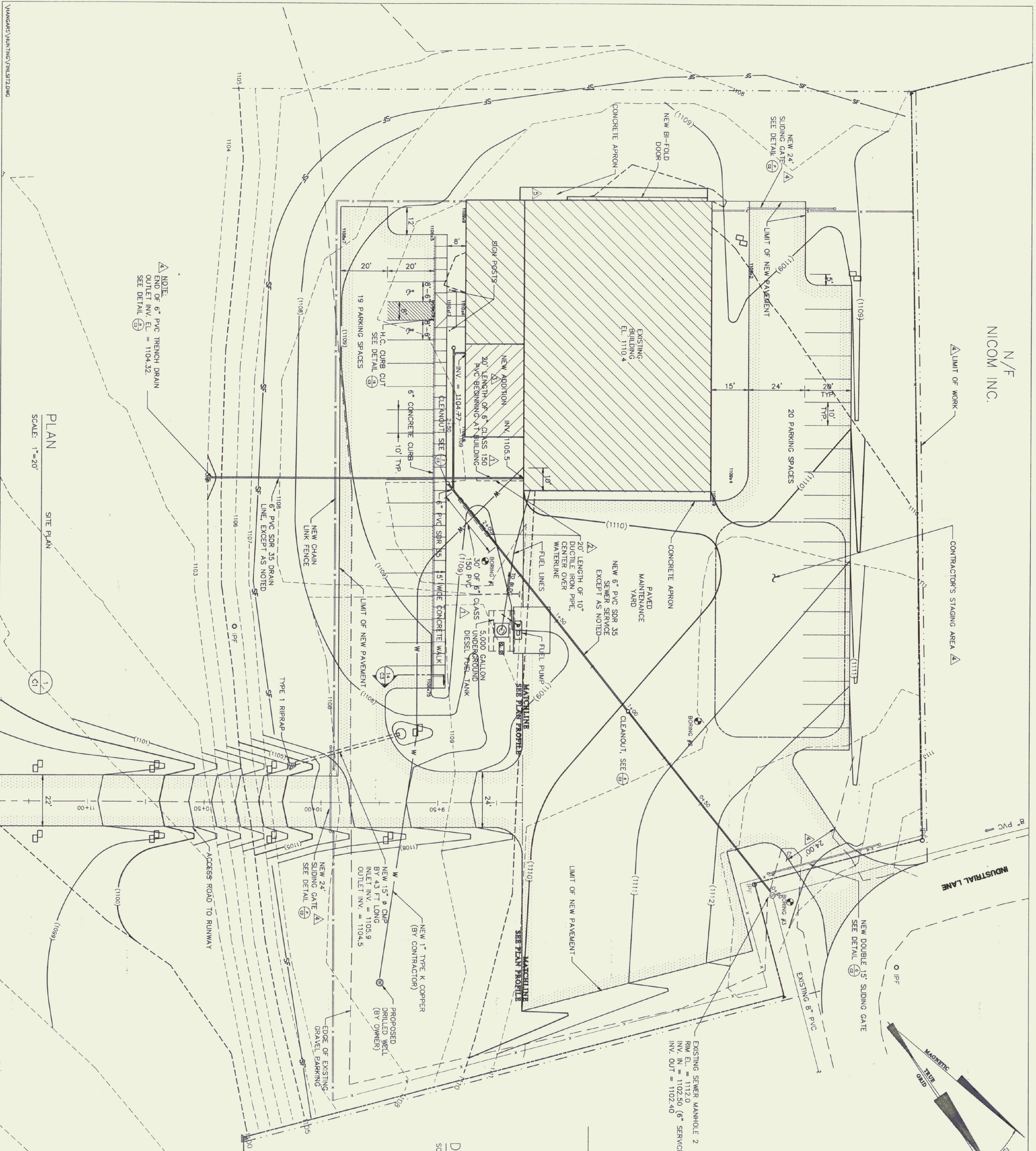
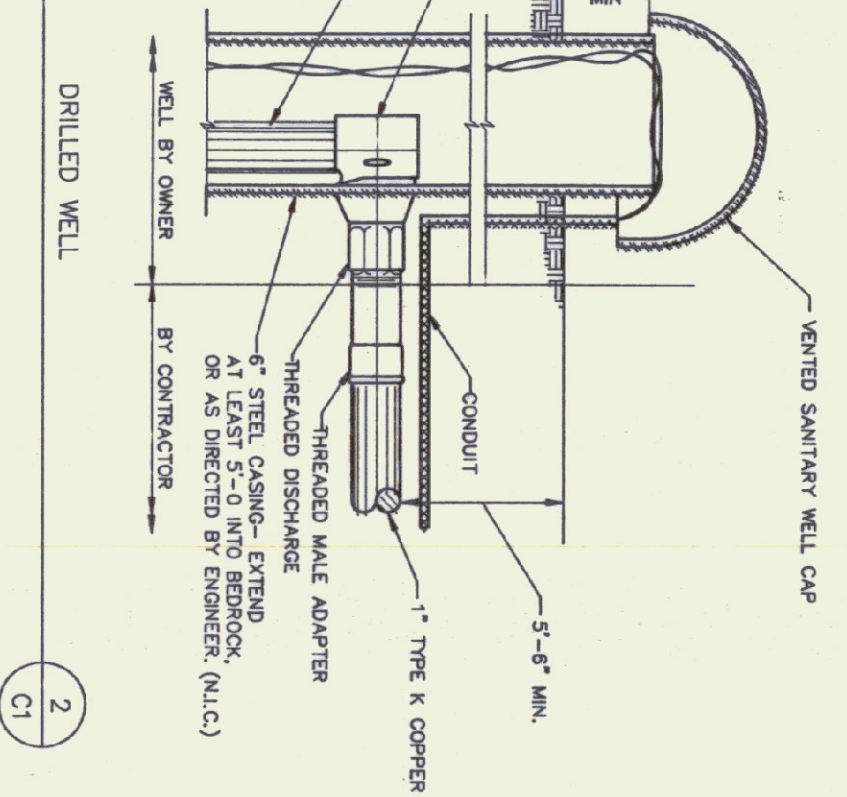


- LEGEND:
- EXISTING GROUND CONTOUR LINE
  - (1100) FINISHED GRADE CONTOUR LINE
  - W PROPOSED WATER SERVICE LINE
  - X EXISTING SECURITY FENCE
  - X NEW CHAIN LINK FENCE
  - EXIST. GRAVEL ROAD/PARKING
  - PROPOSED SILT FENCE SEE DETAIL 11/03
  - SF HAY BALE CHECK DAM SEE DETAIL 9/03
  - I.P.F. IRON PIN FOUND
  - CALCULATED POINT
  - ⊙ EXISTING SEWER MANHOLE
  - ⊙ EXISTING DROP INLET
  - ⊙ FINISH GRADE SPOT ELEVATION
  - △ POINT OF ELEVATION
  - FINISH ELEVATION
  - PROJECT LIMIT



EXISTING SEWER MANHOLE 2  
RIM EL. = 1112.0  
INV. IN. = 1102.50 (6" SERVICE)  
INV. OUT. = 1102.40

DETAIL  
SCALE: NONE



NOTE:  
END OF 6" PVC TRENCH DRAIN  
OUTLET INV. EL. = 1104.32  
SEE DETAIL 11/03

PLAN  
SITE PLAN  
SCALE: 1"=20'



**Gossens Bachman**  
Architecture and Interior Design

**CEI**  
Chenette  
Engineering, Inc.

7 Main Street  
Montpelier, Vermont 05602  
(802) 223-1425

Project Title:  
**Agency of  
Transportation:  
Huntington  
Hangar**  
Berlin, Vermont  
AIR-04-3078

Revisions:

- 19 FEB 1993  
SEWER LINE MATERIALS CHANGE
- 26 FEB 1993  
DUCTILE IRON SLEEVE SIZE
- 7 JUNE 1995  
MORE PARKING/ADDITION
- 19 OCT 1995  
SLIDING GATE, DRIVE WIDTH
- 20 NOV 1995  
CONC. APRON

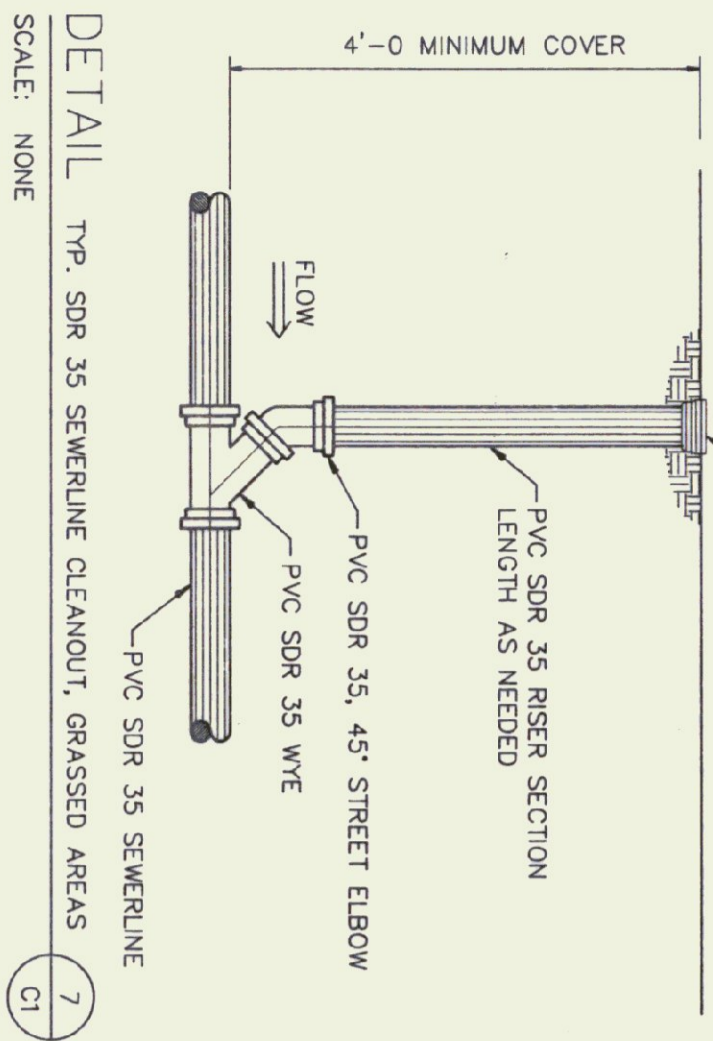
Job Number:  
Drawn By: CEI  
Checked By: CEI  
Scale: as noted  
Date: Nov. 11, 1992  
Sheet Title:  
**Civil Site  
Plan**

Sheet Number:  
**C1**

© Gossens Bachman, Inc.

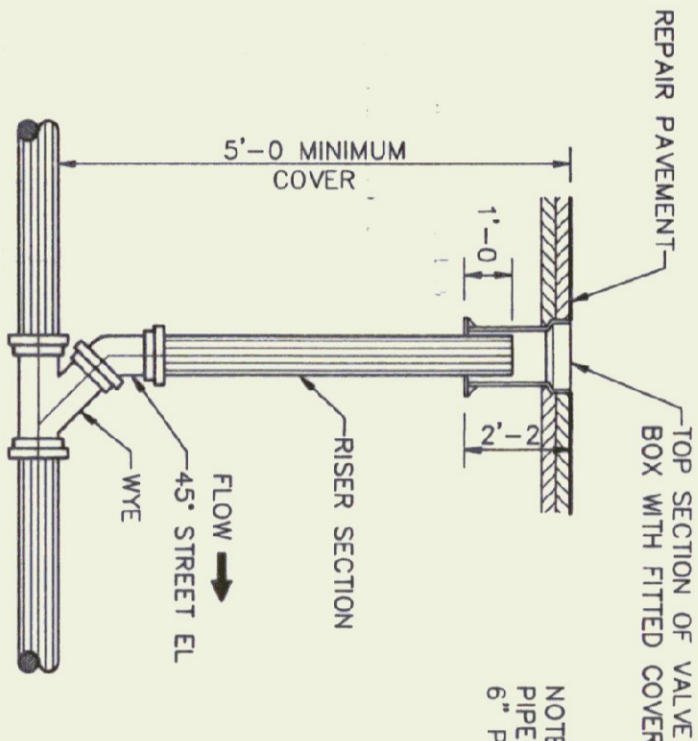


CLEANOUT SHOWN IS FOR IN LINE INSTALLATION. OTHER CLEANOUT SIMILAR EXCEPT USE 2 STREET ELBOWS INTO THE END OF WYE LAYING ON ITS SIDE.



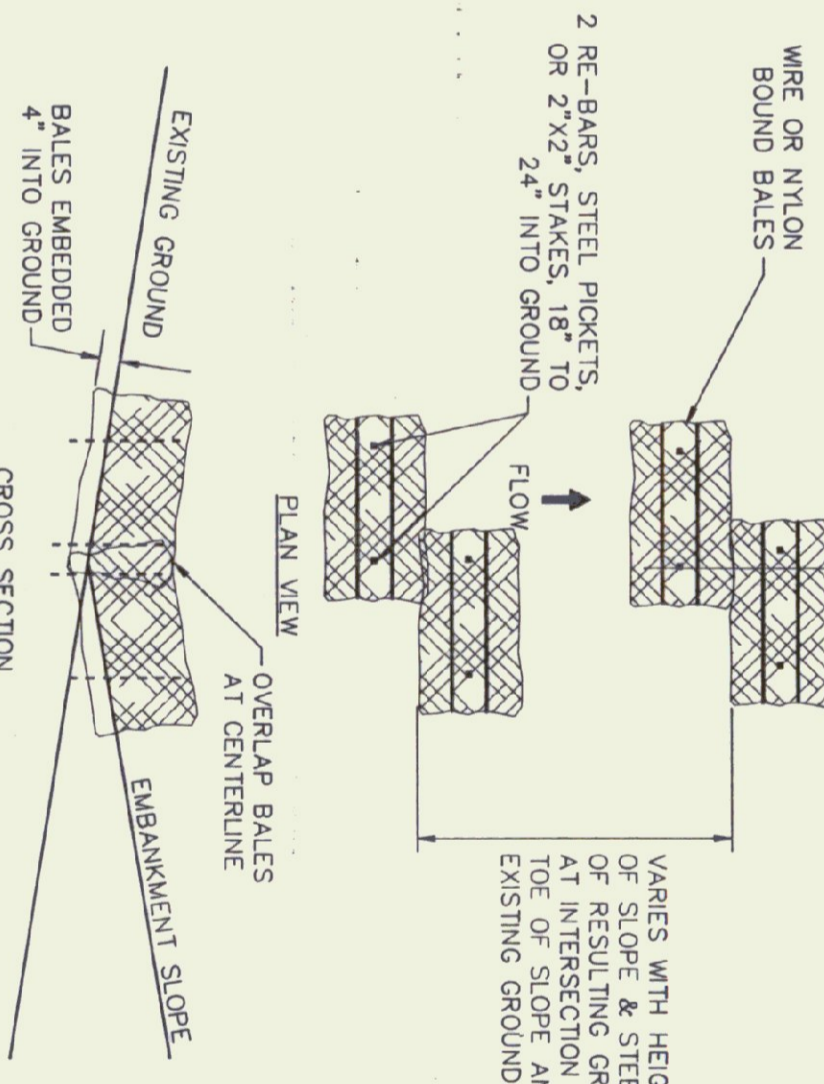
DETAIL 7  
SCALE: NONE

TOP SECTION OF VALVE BOXES FOR CLEANOUTS SHALL BE CAST IRON WITH A TOP FLANGE AND HAVE A MINIMUM INSIDE DIAMETER OF 5 1/4 INCHES. COVERS SHALL BE CAST IRON DROP-TYPE, NON TILTING AND RECESSED TO PREVENT FLOW BREAKAGE.



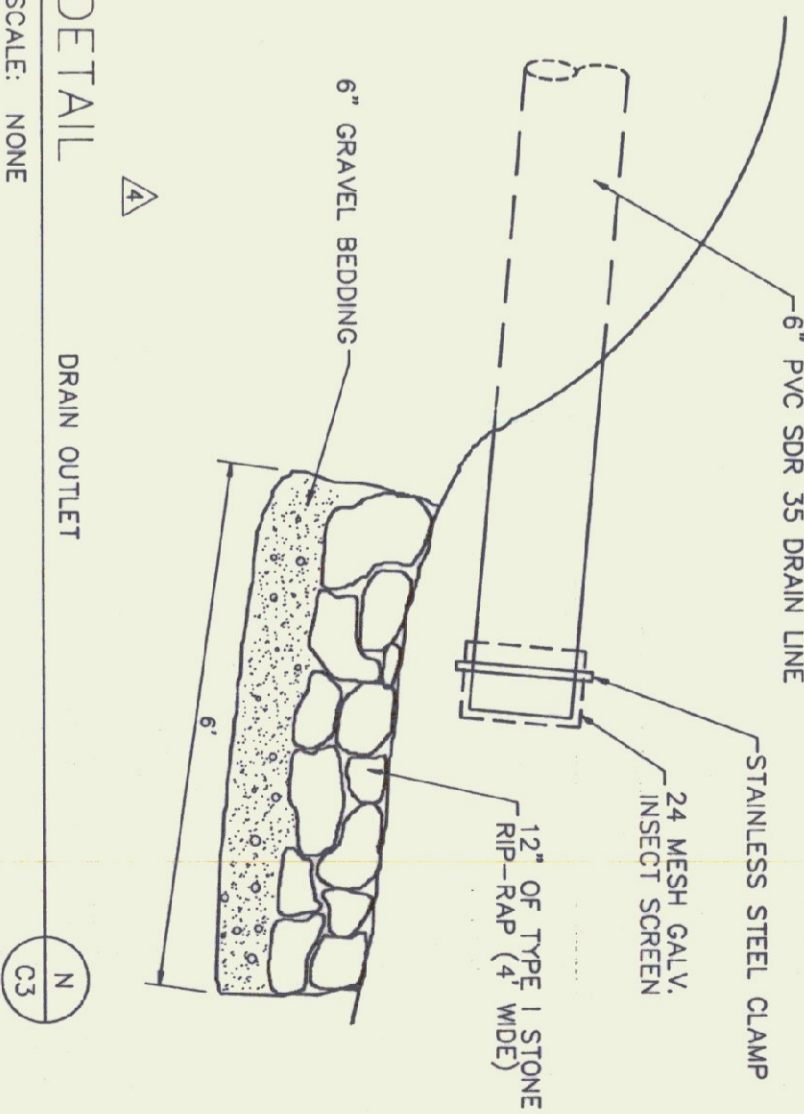
DETAIL 8  
SCALE: NONE

CENTRELINE OF SVALE



DETAIL 9  
SCALE: NONE

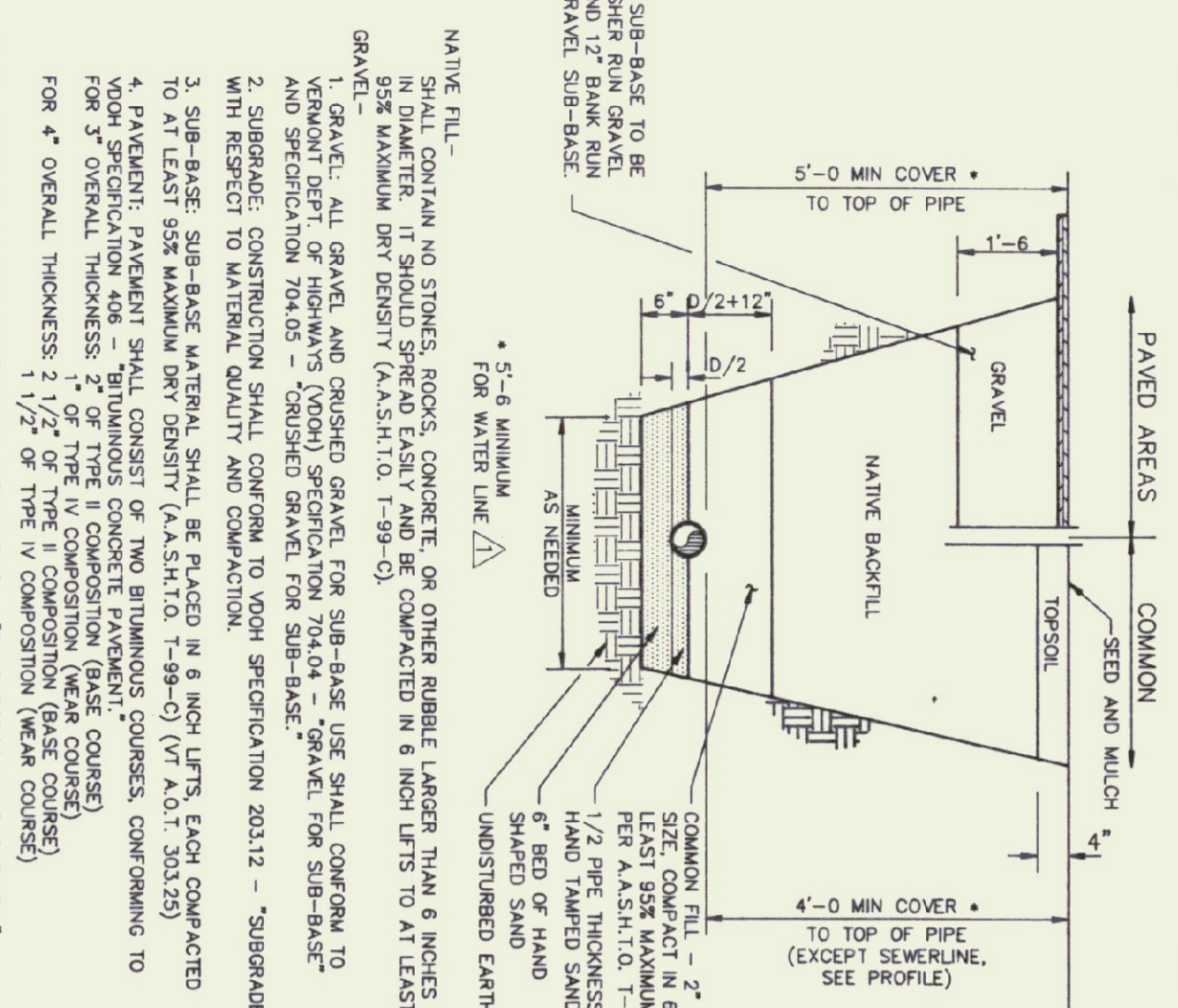
6\"/>



DETAIL 10  
SCALE: NONE

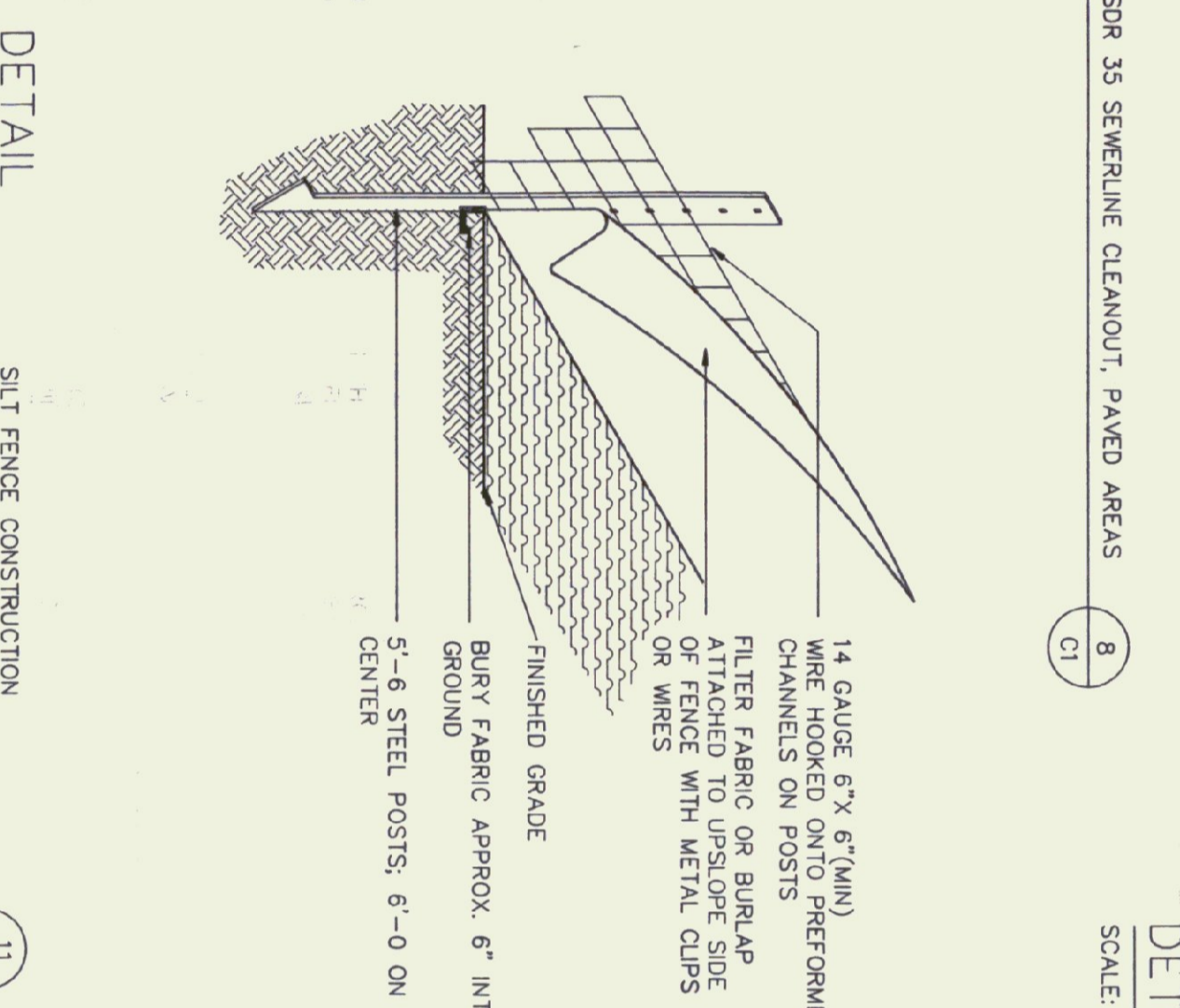
SECTION 10  
SCALE: NONE

TYPICAL TRENCH



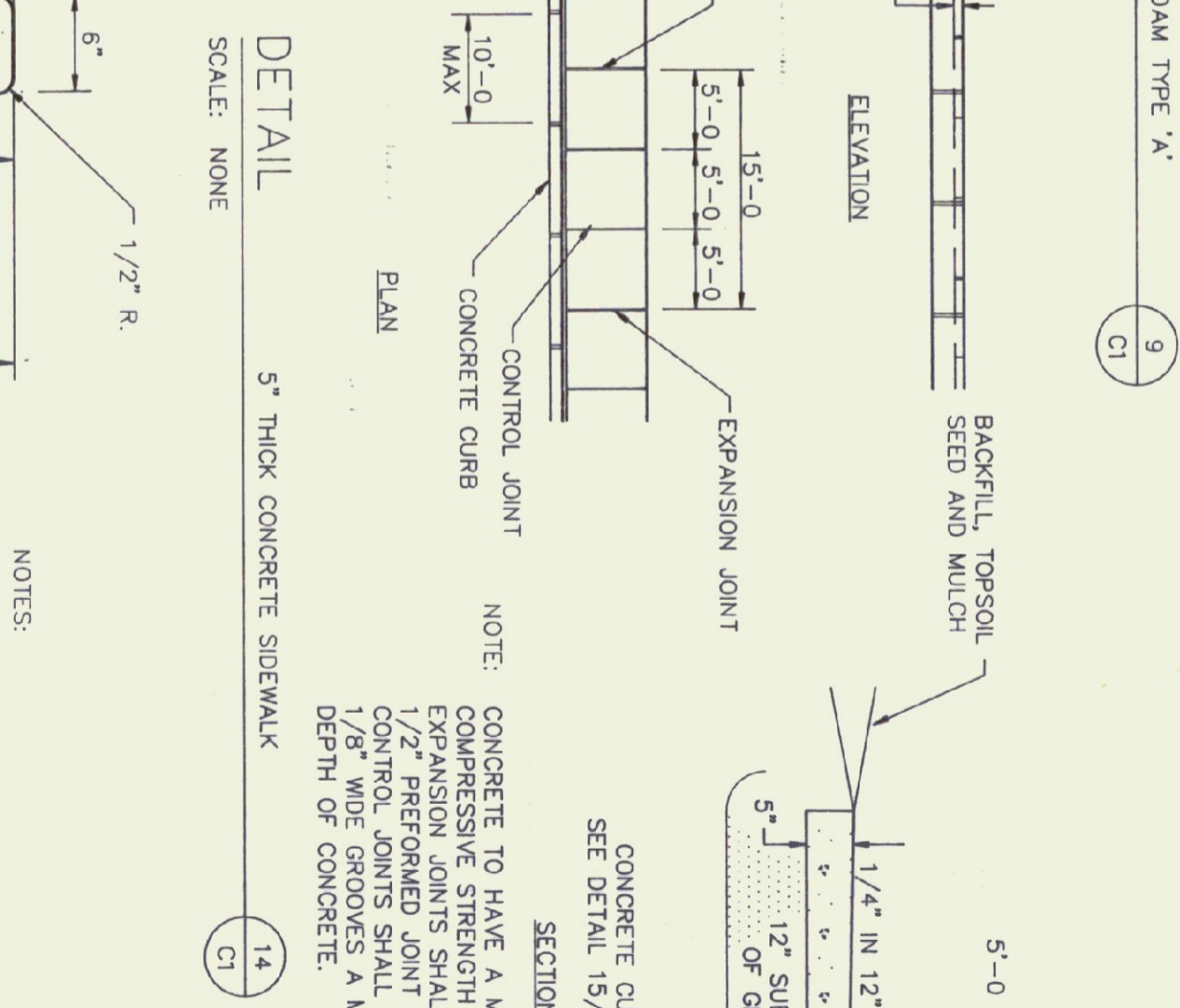
DETAIL 11  
SCALE: NONE

SILT FENCE CONSTRUCTION



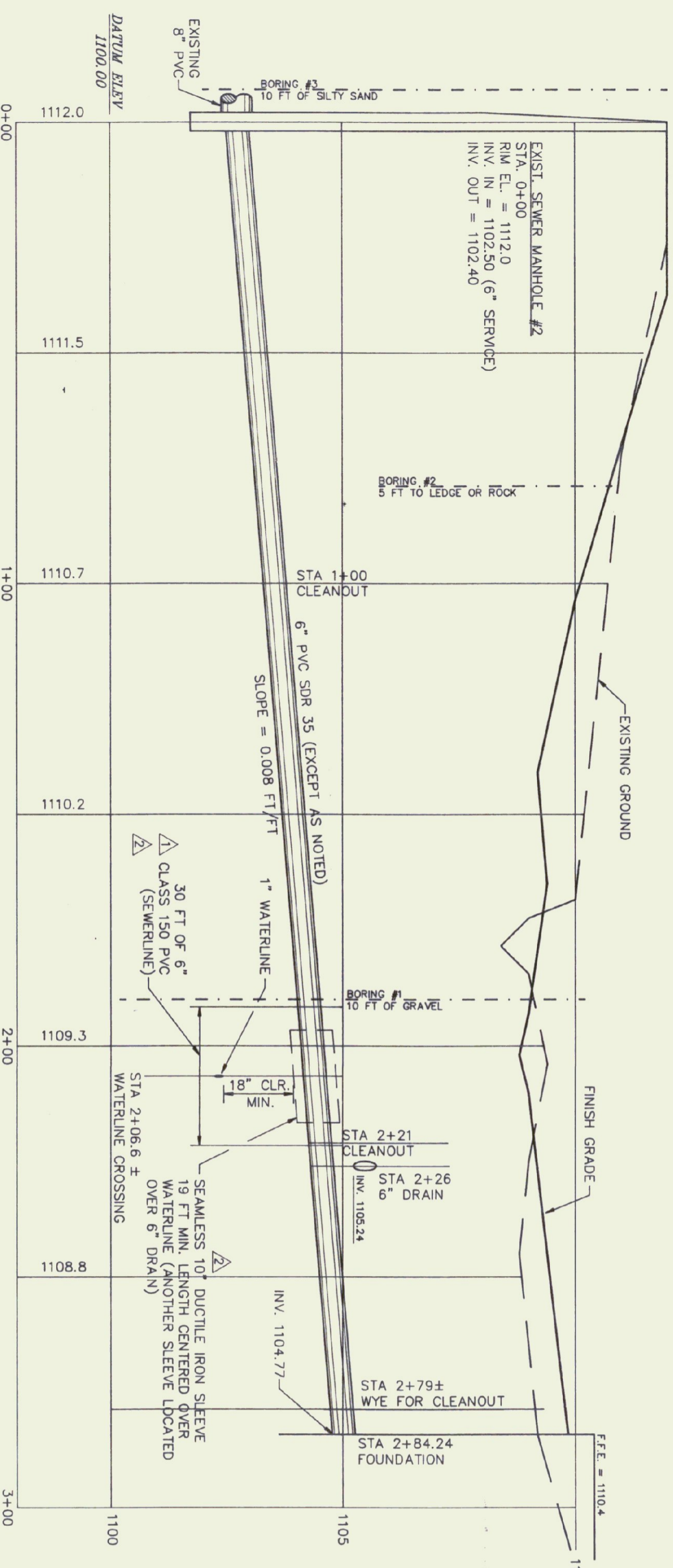
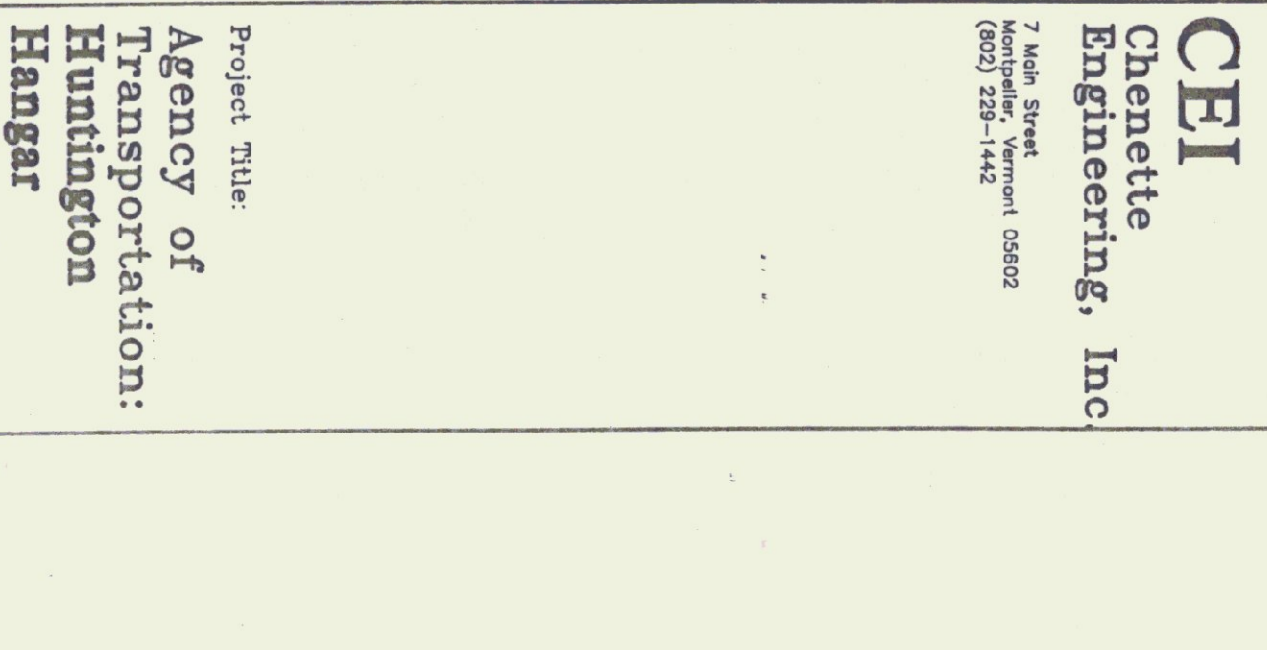
DETAIL 14  
SCALE: NONE

5\"/>



DETAIL 15  
SCALE: NONE

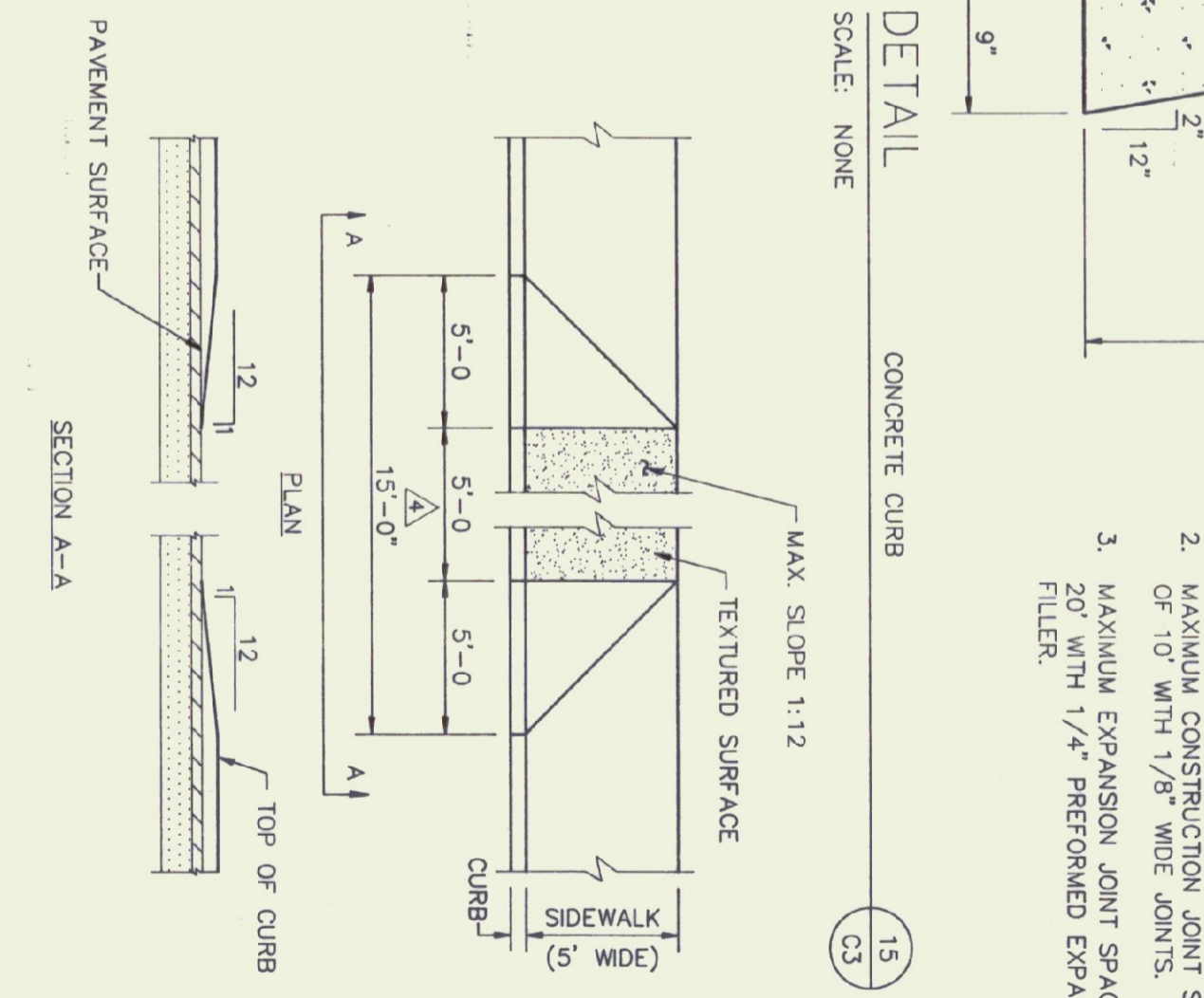
CONCRETE CURB



PROFILE 12  
SCALE: 1\"/>

DETAIL 16  
SCALE: NONE

H.C. CURB CUT



**Gossens Bachman, Inc.**  
Architecture and Interior Design

Gossens Bachman, Inc.  
100 Main Street  
Montpelier, Vermont 05602  
(802) 229-1644

**CEI**  
Chenette  
Engineering, Inc

7 Main Street  
Montpelier, Vermont 05602  
(802) 229-1442

Project Title:  
**Agency of Transportation:  
Huntington  
Hangar**  
Berlin, Vermont  
AIP-04-9076

Revisions:

- 19 FEB 1993  
SEWER LINE MATERIALS CHANGE
- 26 FEB 1993  
WATER LINE CLEARANCE
- 3 JULY 1995  
PVC SIZES
- 19 OCT 1995  
SDI SIZES, DETAILS AND CURB CUT REV.

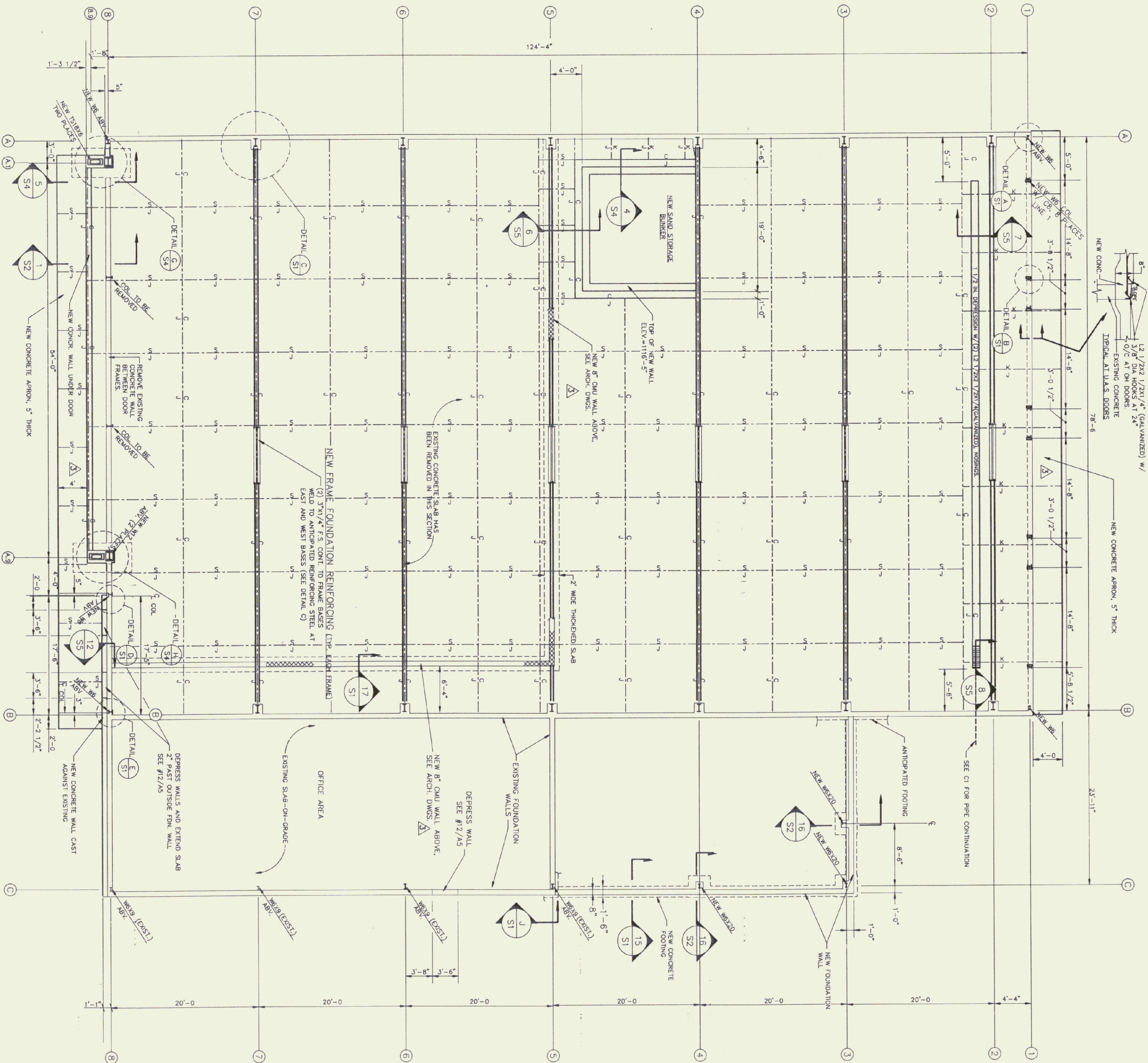
Job Number:  
Drawn By: CEI  
Checked By: CEI  
Scale: as noted  
Date Nov. 11, 1992  
Sheet Title:

**Sections  
Details**

Sheet Number:  
**C3**

@Gossens Bachman, Inc.

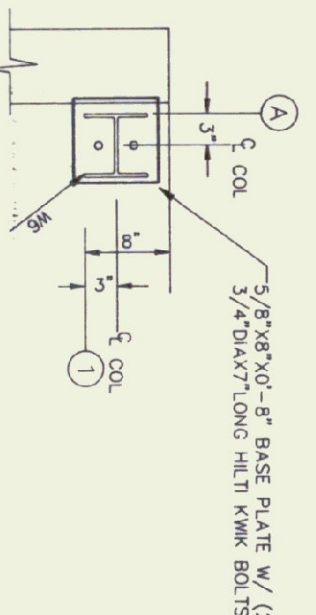




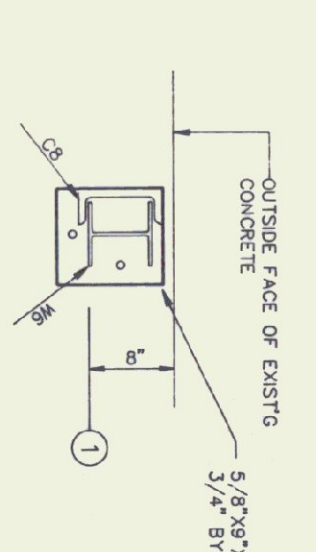
**FOUNDATION PLAN**

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

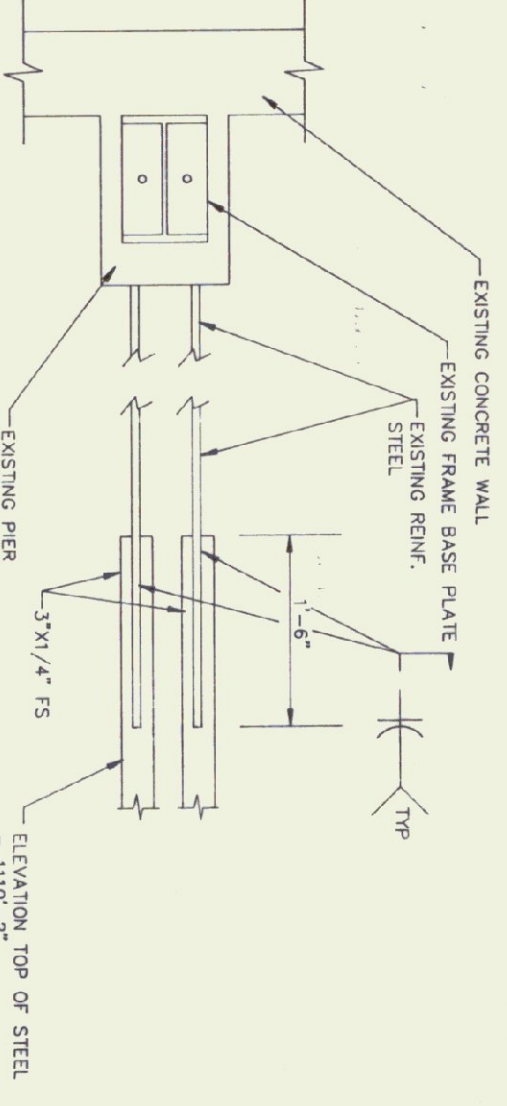
1. NEW SLAB-ON-GRADE TO BE 5" THICK REINFORCED WITH #4'S AT 16" O.C. TOP. ELEV. TOP OF SLAB = 1110'-5"
2. --- INDICATES A CONSTRUCTION JOINT. SEE DETAIL THIS SHEET.
3. --- INDICATES A SAWED CONTROL JOINT. SEE DETAIL THIS SHEET.
4. --- INDICATES A KEVED CONTROL JOINT. SEE DETAIL THIS SHEET.



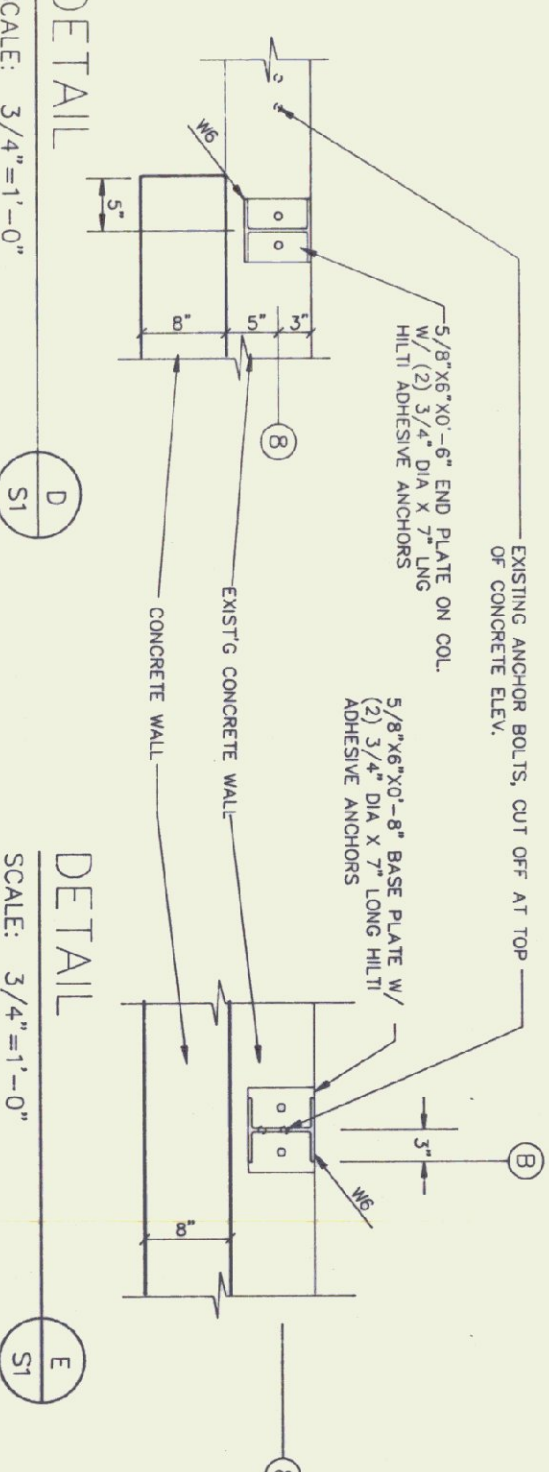
**DETAIL A**  
SCALE: 3/4"=1'-0"  
1. DETAIL SHOWN AT B-1



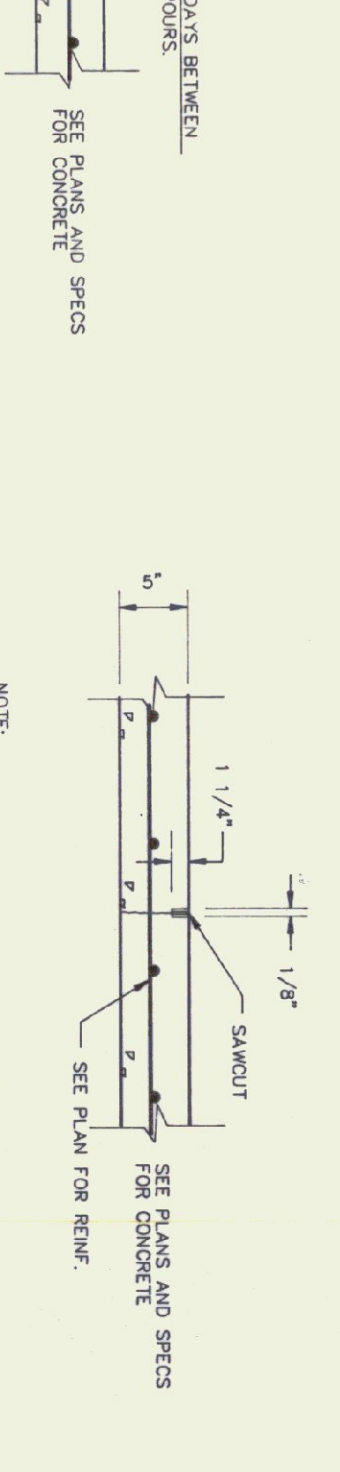
**DETAIL B**  
SCALE: 3/4"=1'-0"  
TYPICAL ON LINE 1



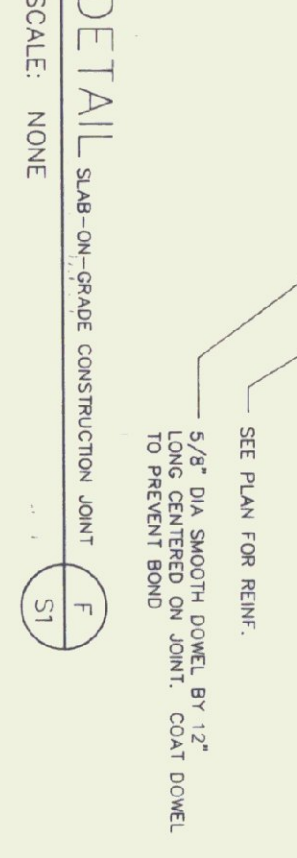
**DETAIL C**  
SCALE: 3/4"=1'-0"



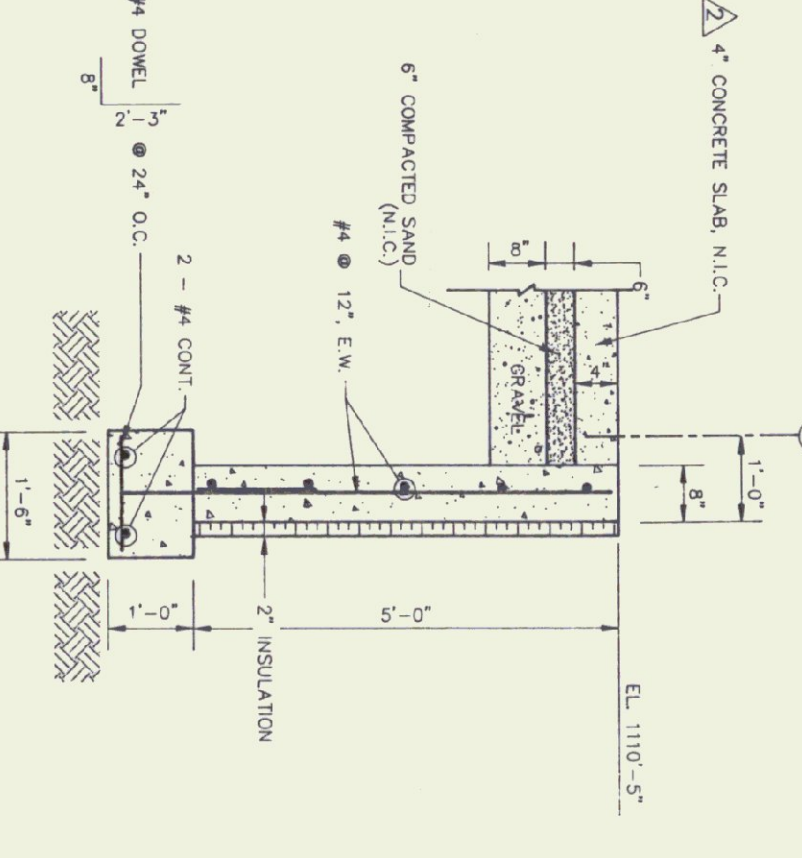
**DETAIL D**  
SCALE: 3/4"=1'-0"



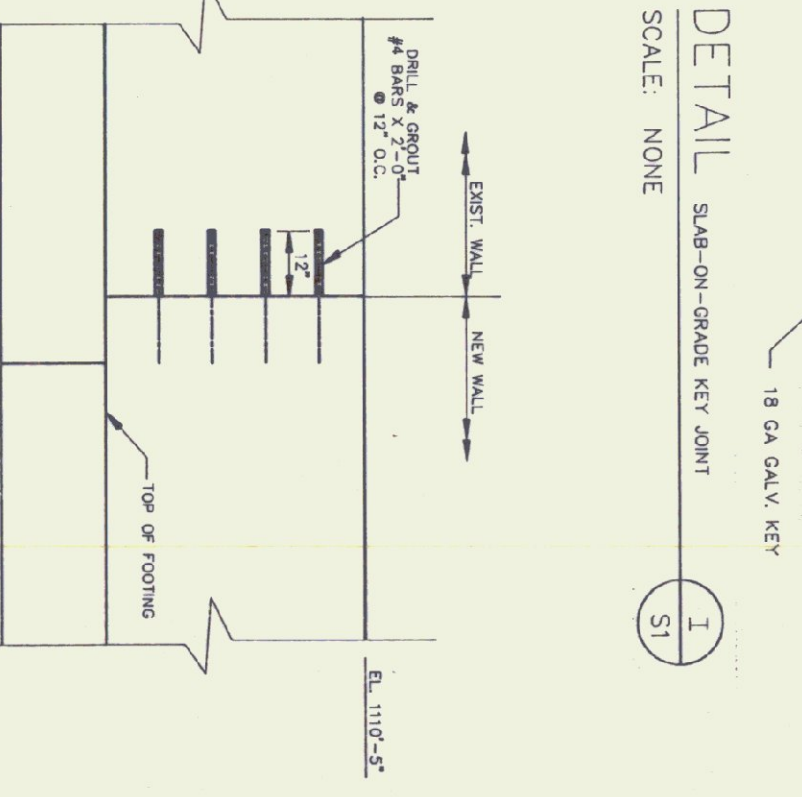
**DETAIL E**  
SCALE: 3/4"=1'-0"



**DETAIL F**  
SCALE: NONE



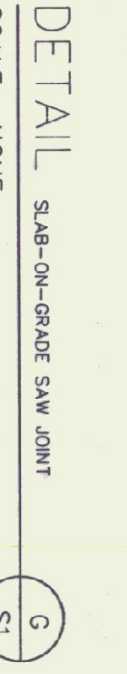
**SECTION**  
SCALE: NONE



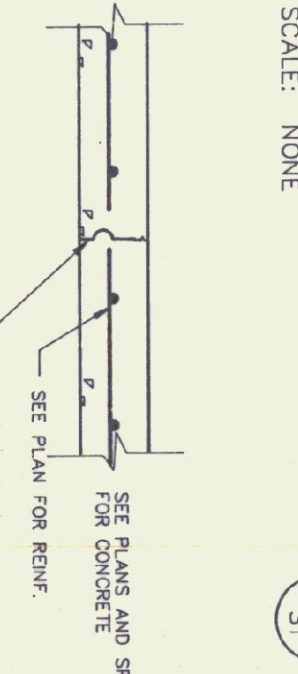
**ELEVATION**  
SCALE: NONE

- NOTES**
1. FOR DETAILS A, THERE IS ANY COMPONENT NOT LABELED BY CONTRACTOR.
  2. ELEVATION OF BOTTOM OF BASE PLATE = 1110'-6"
  3. PROVIDE STEEL SHIMS FOR ALL BASE PLATES & LEVEL ASSEMBLY. FASTENERS SHALL BE 1/2" DIA. STEEL W/ 1/4" GROUT UNDER BASE PLATES WITH A NON-SHRINK GROUT.

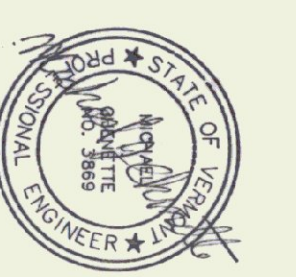
**NOTE:**  
JOINTS ARE TO BE SAWED AS SOON AS THE CONCRETE IS SHOWN ENOUGH NOT TO BE TORN OR DAMAGED BUT PRIOR TO REMOVAL OF FORMS.



**DETAIL G**  
SCALE: NONE



**DETAIL I**  
SCALE: NONE



**Gossens Bachman**  
Architecture and Interior Design  
Gossens Bachman, Inc.  
50 Main Street  
Montpelier, Vermont 05602  
(802) 228-1664

**CEI**  
Chenette  
Engineering, Inc.  
7 Main Street  
Montpelier, Vermont 05602  
(802) 228-1642

**Project Title:**  
Agency of Transportation:  
Huntington  
Hangar  
Berlin, Vermont  
AIR-04-9076

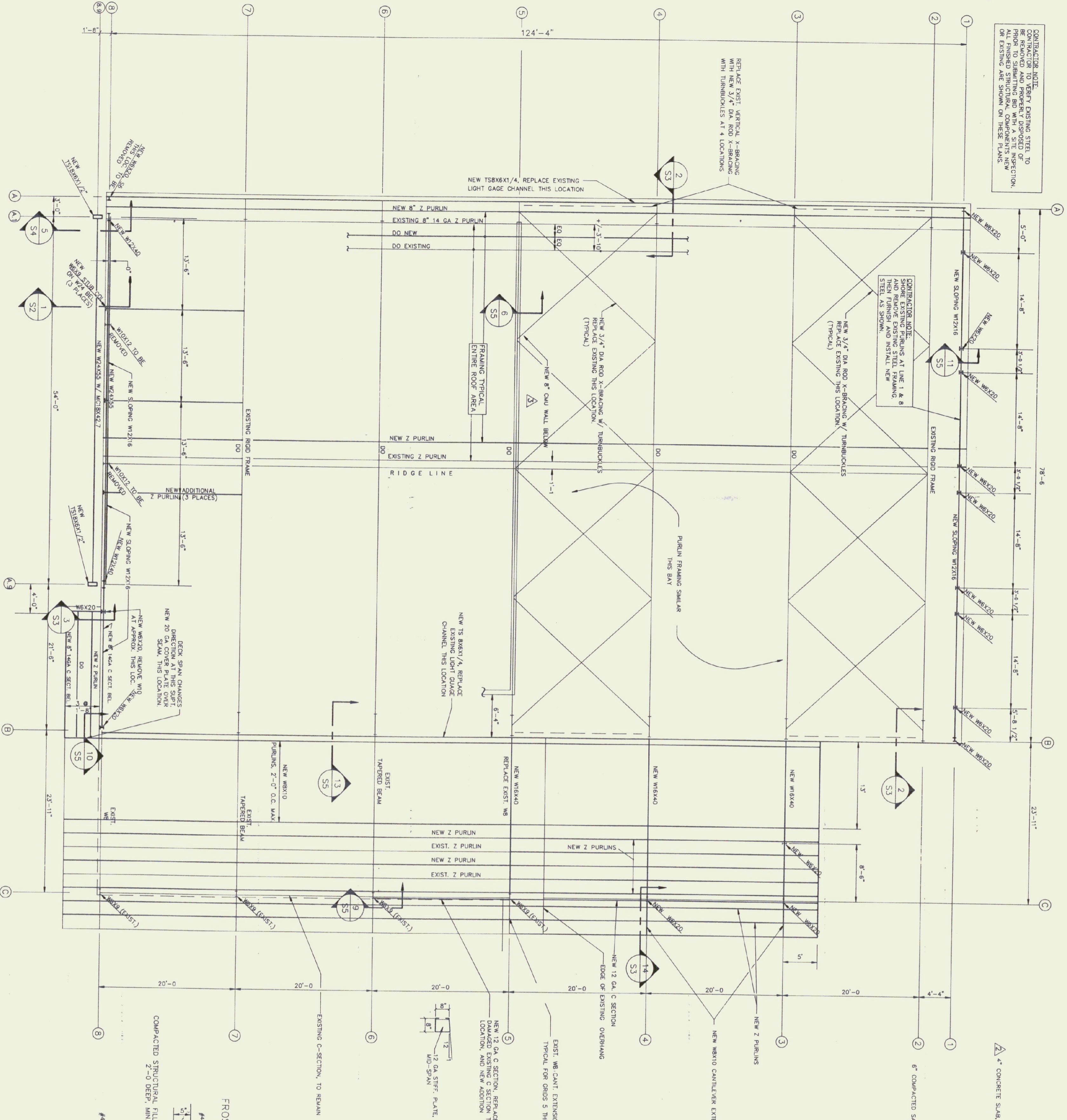
**Revisions:**  
7/7/95 OFFICE AREA ADDITION  
18 OCT 1995 CONC. SLAB, MISC. NOTES  
20 NOV 1996 CONC. APRON

**Job Number:**  
Drawn By: CEI  
Checked By: CEI  
Scale: as noted  
Date: Nov. 11, 1992  
Sheet Title:  
**Foundation Plan**

**Sheet Number:**  
SI  
©Gossens Bachman, Inc.

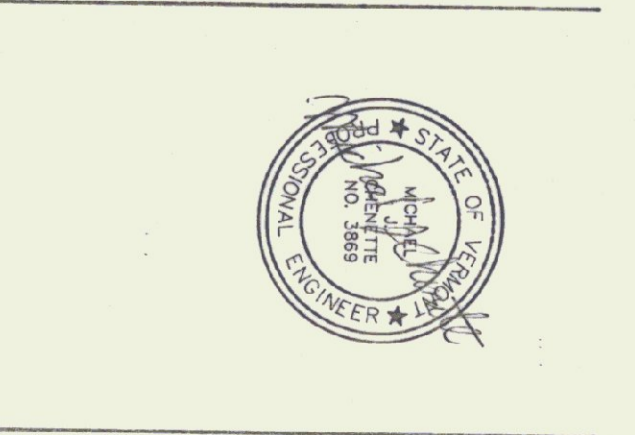
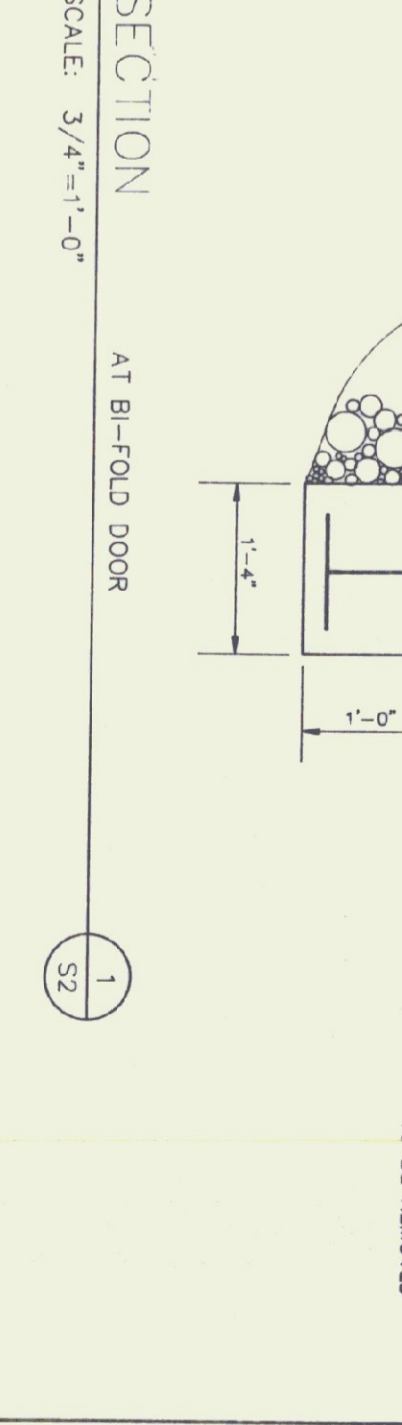
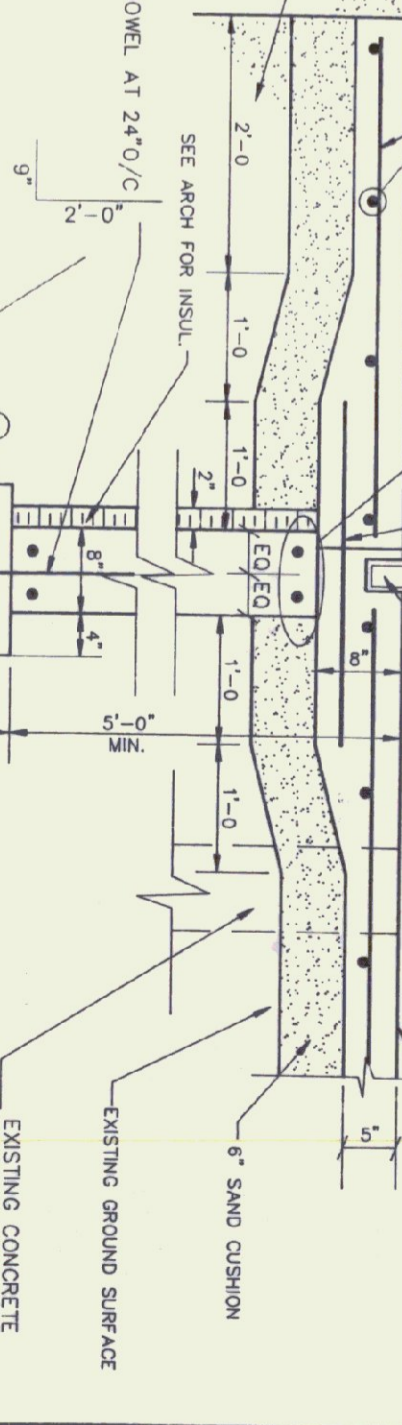
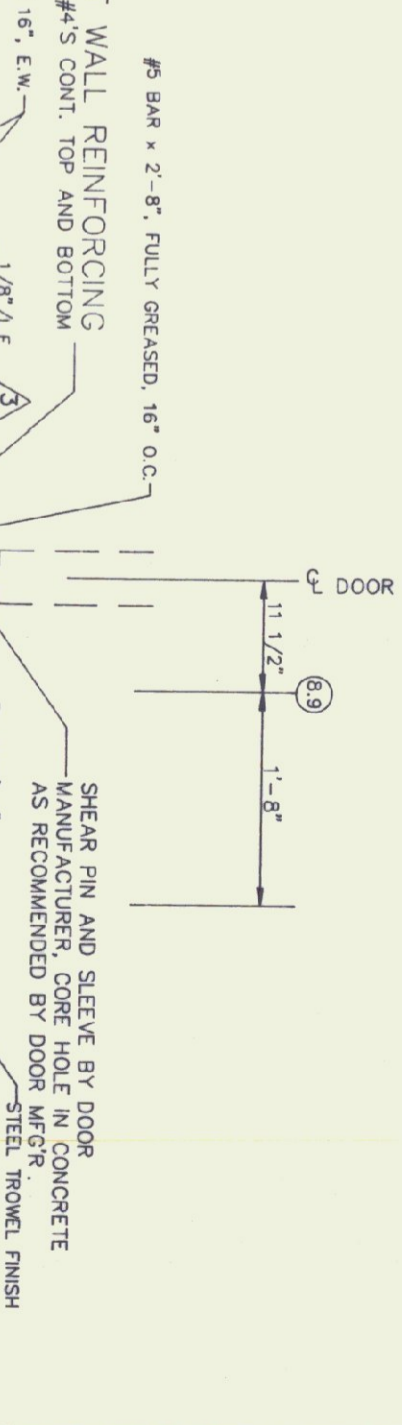
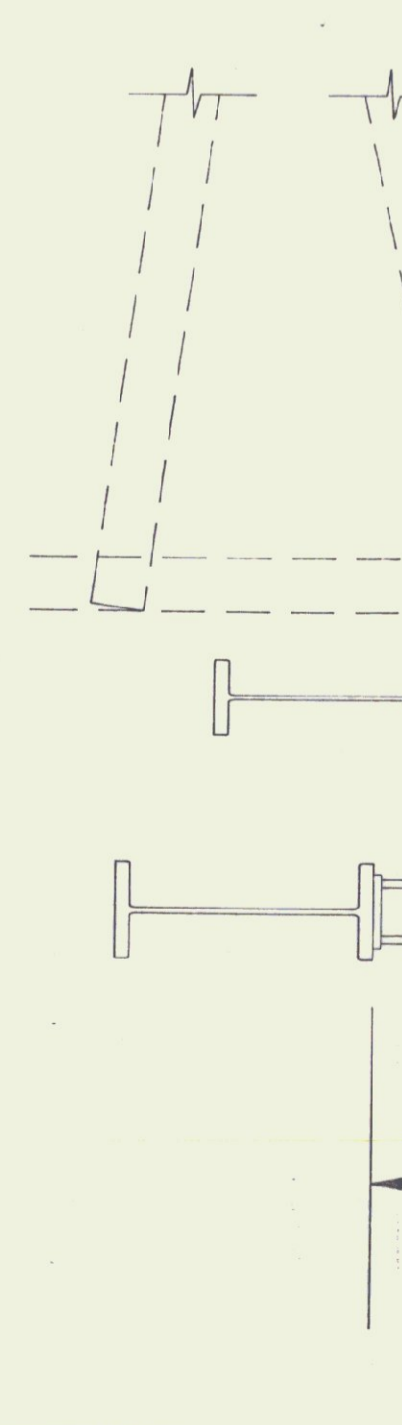
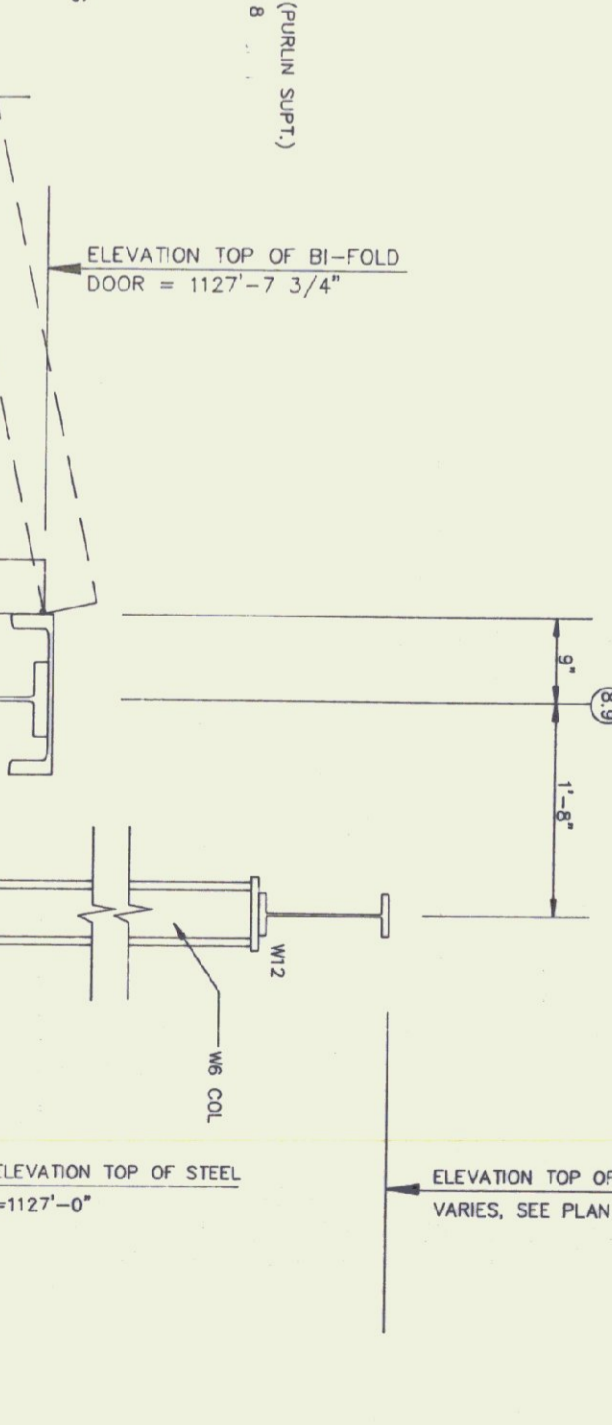
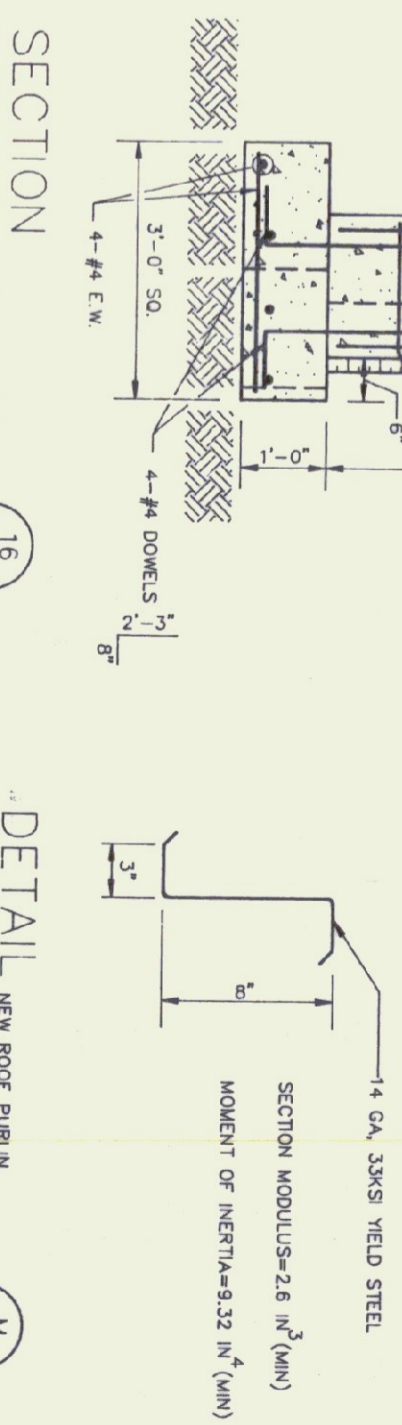
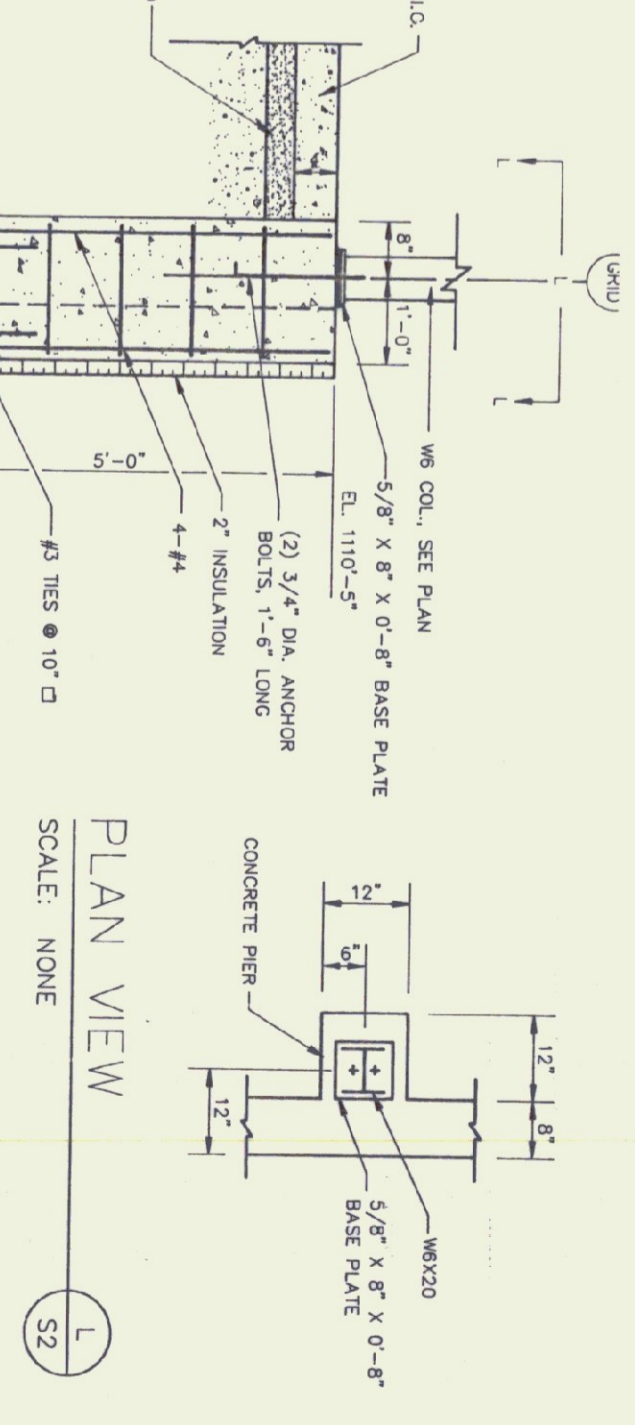


CONTRACTOR NOTE:  
TO VERIFY EXISTING STEEL TO BE REMOVED PRIOR TO SUBMITTING BID WITH A SITE INSPECTION OR EXISTING AND SHOWN ON THESE PLANS.



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

1. NEW ROOF DECK TO BE 1 1/2" 22 GA TYPE B ROOF DECK AS MFGD BY UNITED STEEL DECK, INC.
2. ELEVATION TOP OF STEEL VARIES. SEE APPROPRIATE SECTIONS



**Gossens Bachman**  
Architecture and Interior Design

General Bachman, Inc.  
18 Langdon Street  
Montpelier, Vermont 05602  
(802) 259-1804

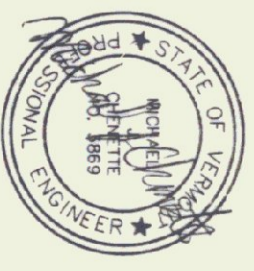
**CEI**  
Chénette  
Engineering, Inc.  
7 Main Street  
Montpelier Vermont 05602  
(802) 229-1442

Project Title:  
**Agency of Transportation: Huntington Hangar**  
Berlin, Vermont  
AIR-04-0076

Revisions:  
7/7/95 ORICE AREA ADDITION  
18 OCT 1995  
20 NOV 1998  
CONC. SLAB, MISC. NOTES  
20 NOV 1998  
EDIT SECTION 1/52, QU WALL

Job Number:  
Drawn By: CEI  
Checked By: CEI  
Scale: as noted  
Date: Nov. 11, 1992  
Sheet Title:  
**Roof Framing Plan**

Sheet Number:  
**S2**  
© Gossens Bachman, Inc.



**Gossens Bachman**  
Architecture and Interior Design

Gossens Bachman, Inc.  
13 Langdon Street  
Montpelier, Vermont 05602  
(802) 223-1442

**CEI**  
Chenette  
Engineering, Inc.

7 High Street  
Montpelier, Vermont 05602  
(802) 223-1442

Project Title:

Agency of  
Transportation:  
**Huntington  
Hangar**  
Berlin, Vermont

Alt-04-3076

Revisions:

- ▲ 7/7/95 OFFICE AREA ADDITION
- ▲ 18 OCT 1995
- ▲ X BRACING ROD

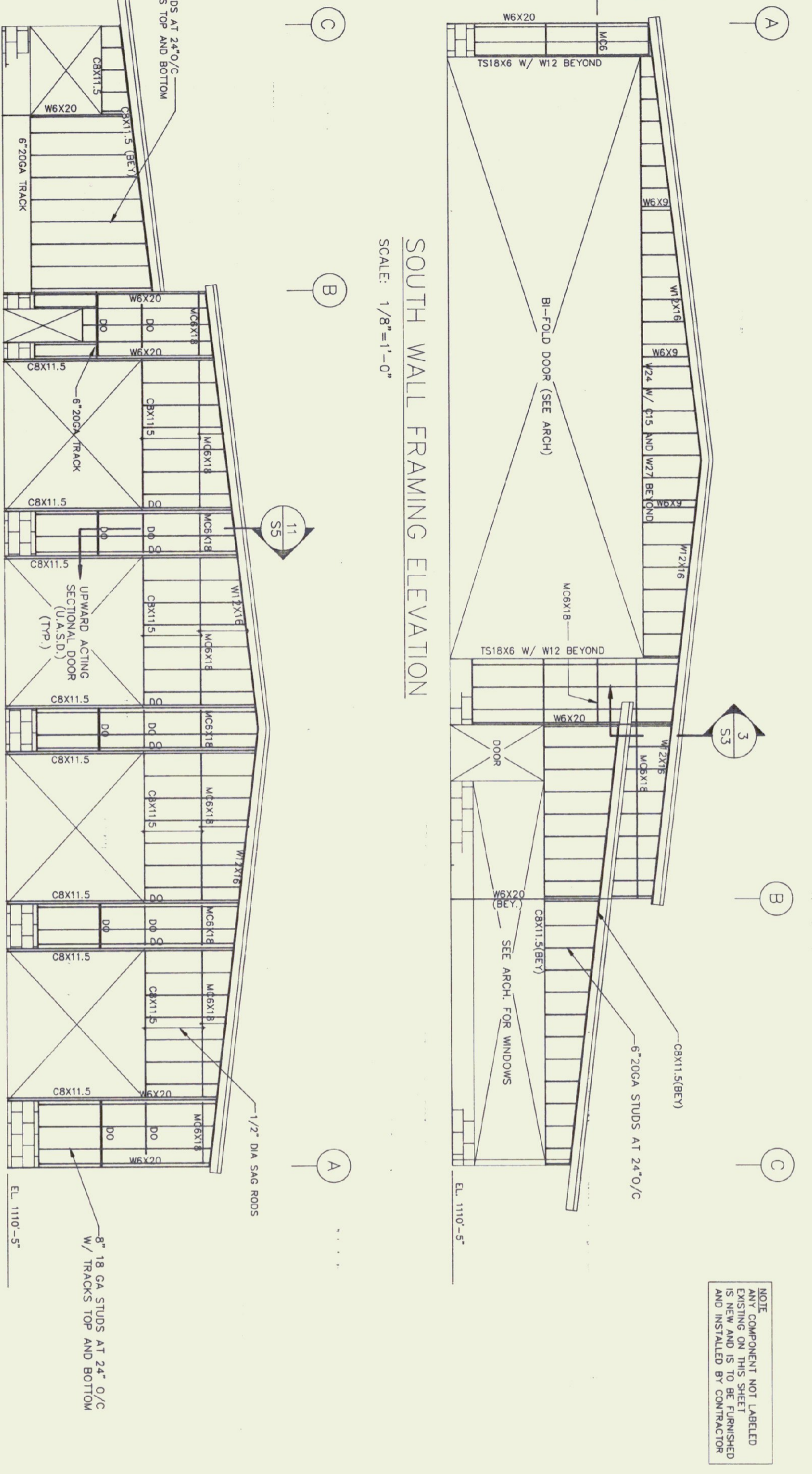
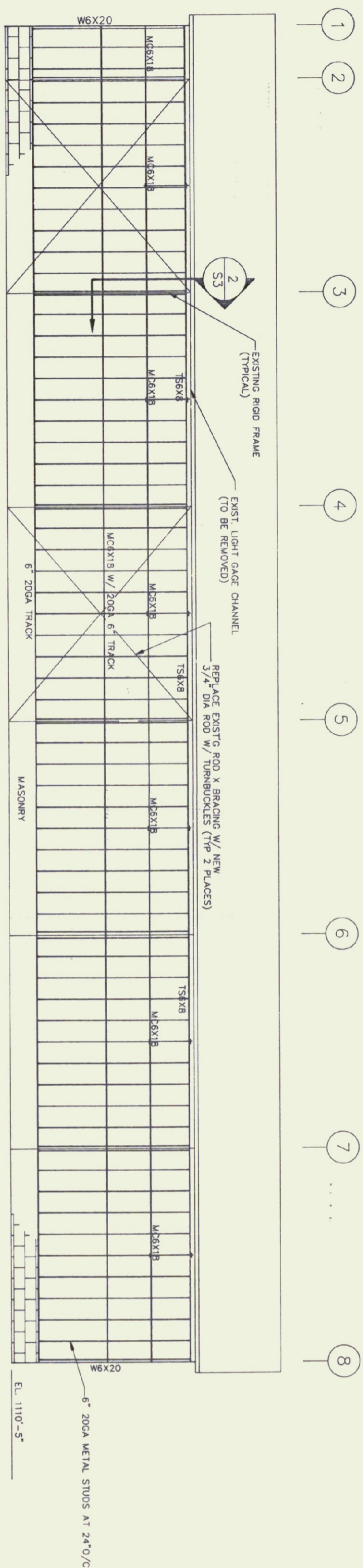
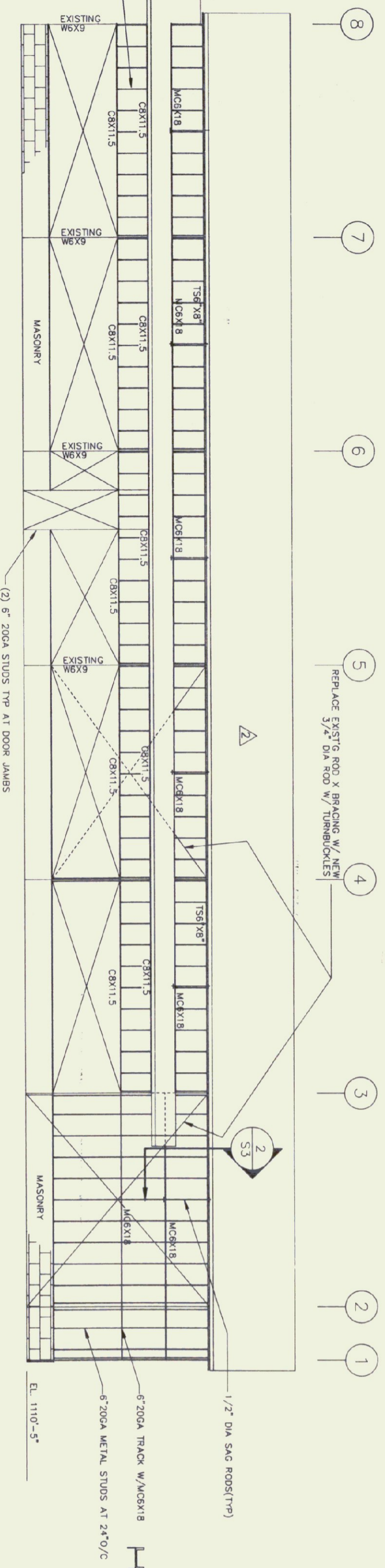
Job Number:  
Drawn By: CEI  
Checked By: CEI  
Scale: as noted  
Date: Nov. 11, 1992  
Sheet Title:

**Framing  
Elevations**

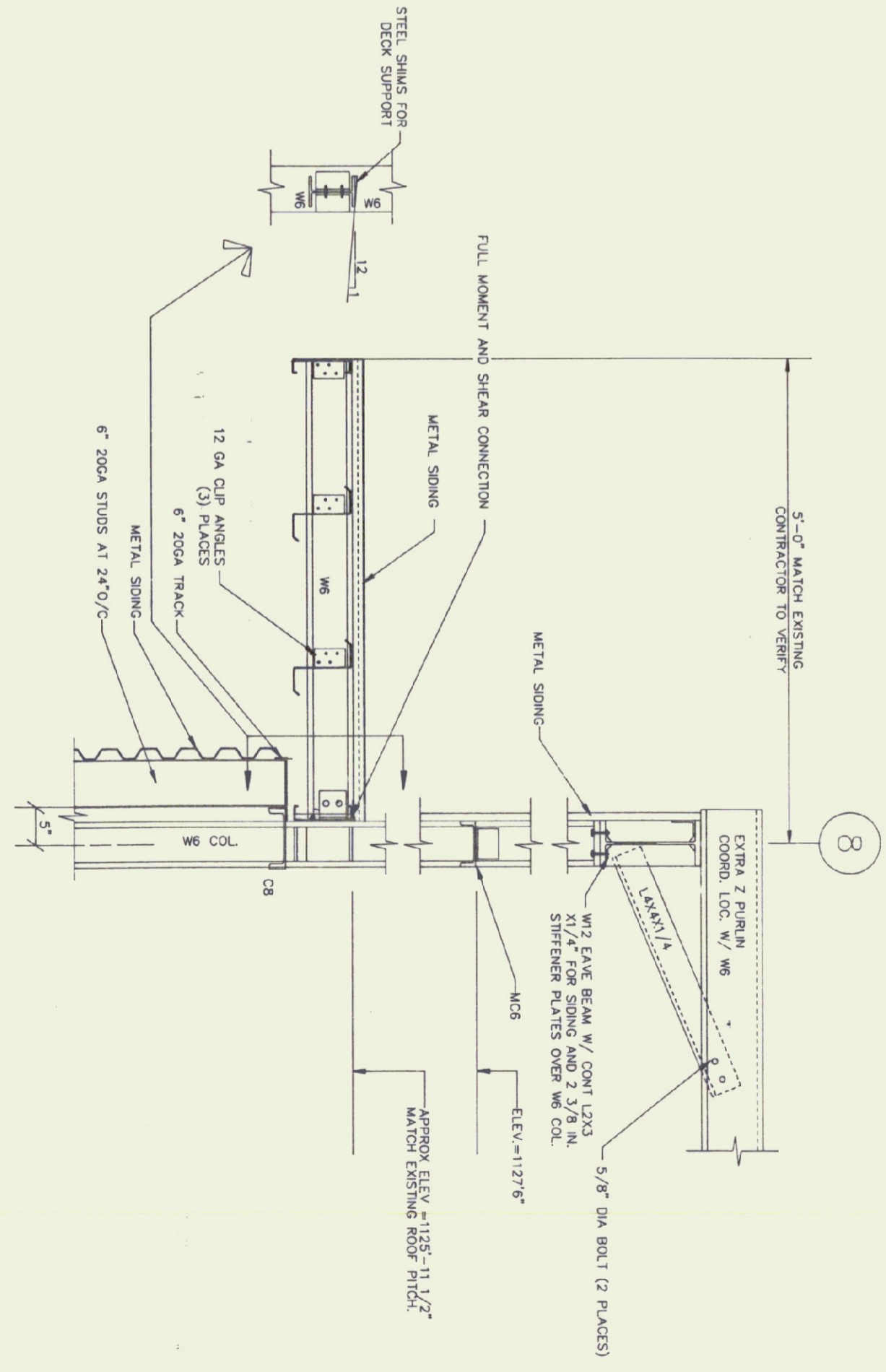
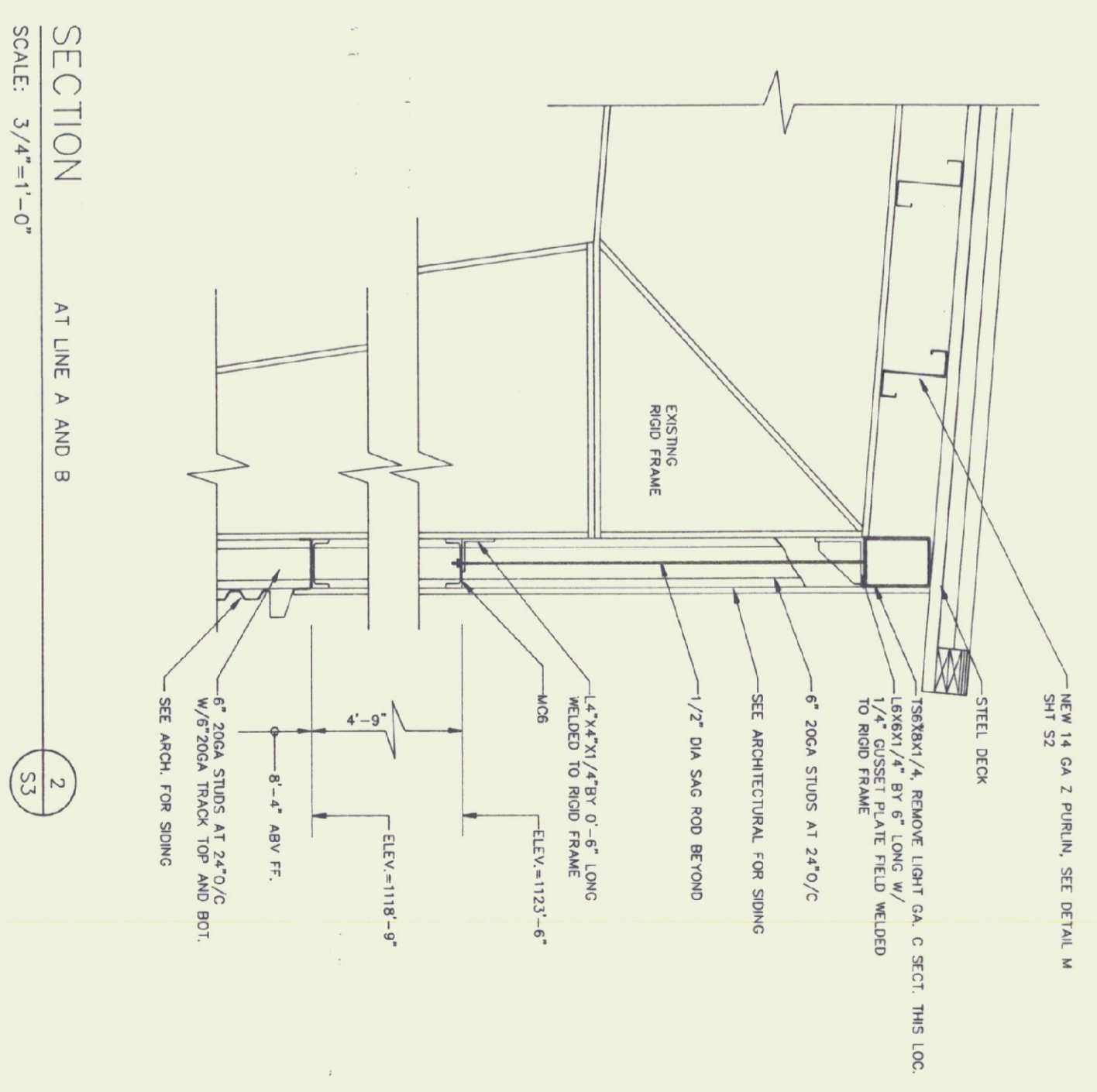
Sheet Number:

**SS3**

© Gossens Bachman, Inc.



NOTE: COMPONENTS NOT LABELED EXISTING ON THIS SHEET IS NEW AND IS TO BE FINISHED AND INSTALLED BY CONTRACTOR.



NOTE: 1. ANY COMPONENT ON THIS SHEET NOT LABELED EXISTING IS NEW AND IS TO BE FINISHED & INSTALLED BY CONTRACTOR.





**Gossens Bachman**  
Architecture and Interior Design

Gossens Bachman, Inc.  
18 Langdon Street  
Montpelier, Vermont 05602  
(802) 225-1884

**CEI**  
Chenette  
Engineering, Inc.

7 Main Street  
Montpelier, Vermont 05602  
(802) 225-1442

Project Title:  
**Agency of  
Transportation:  
Huntington  
Hangar**  
Berlin, Vermont  
A/R-04-3076

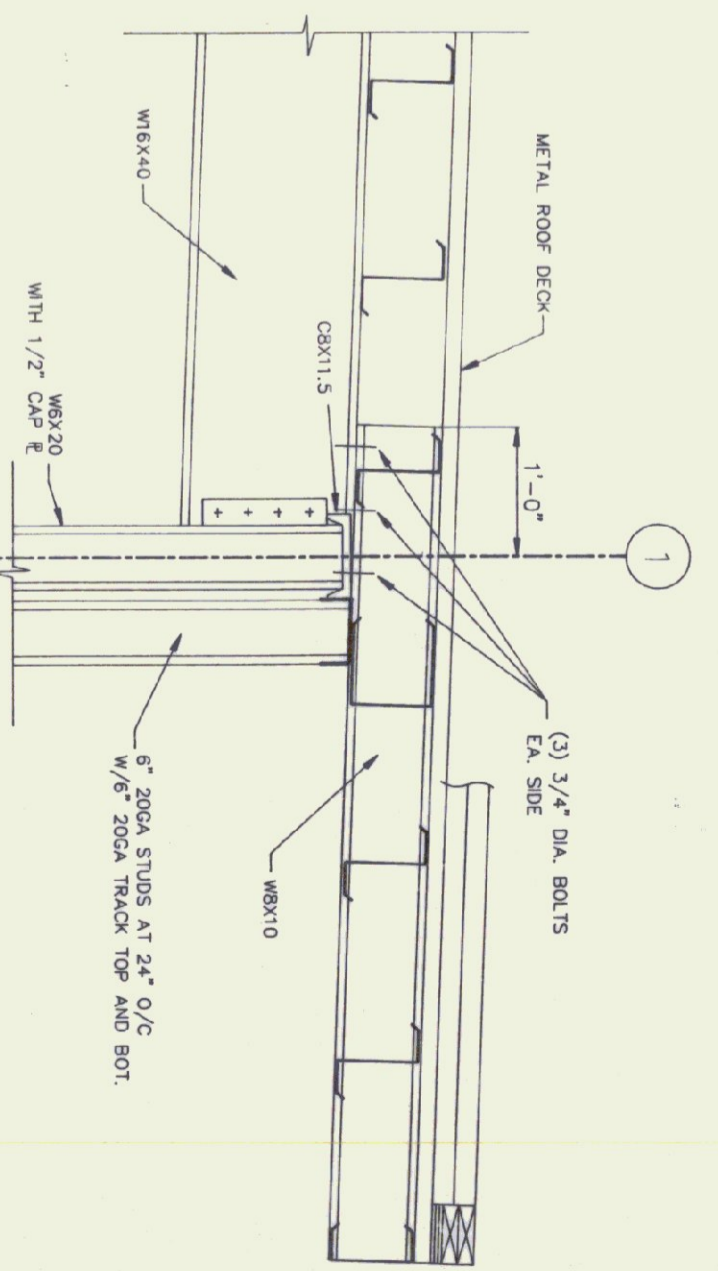
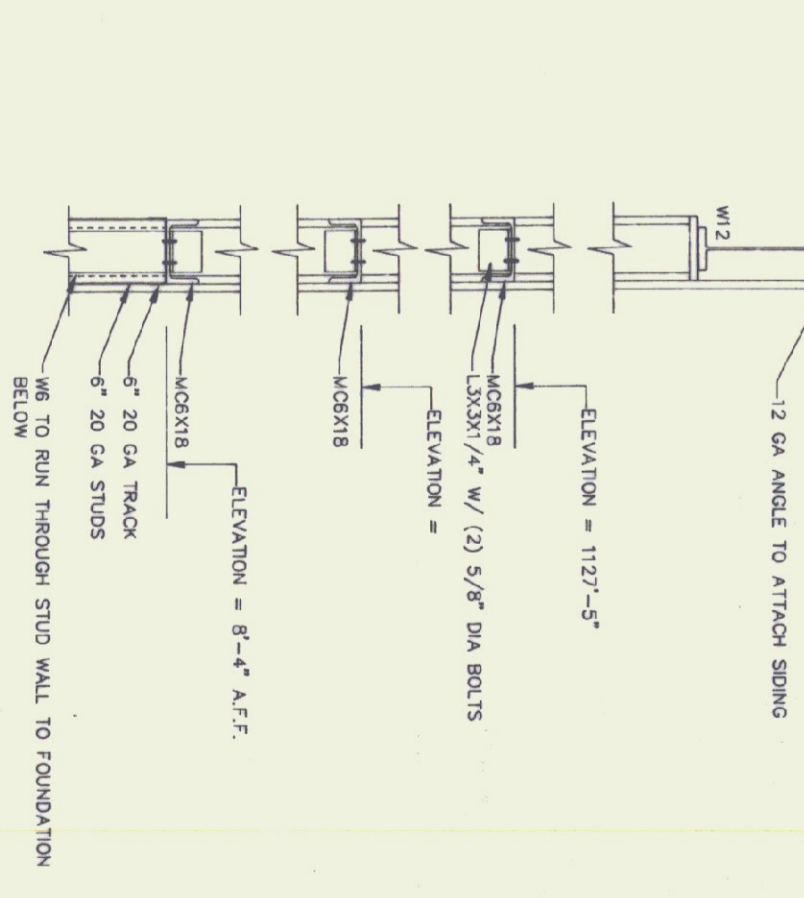
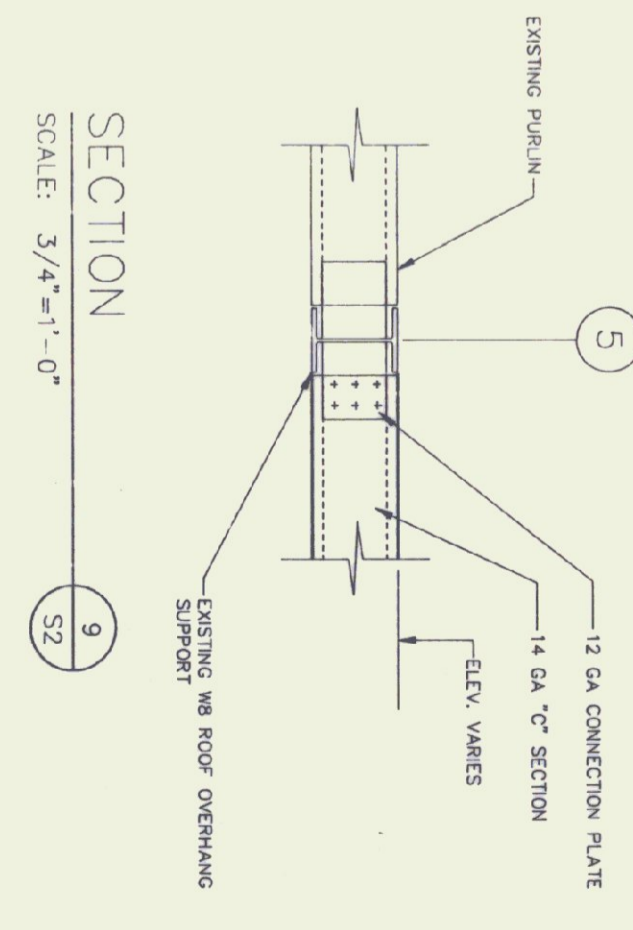
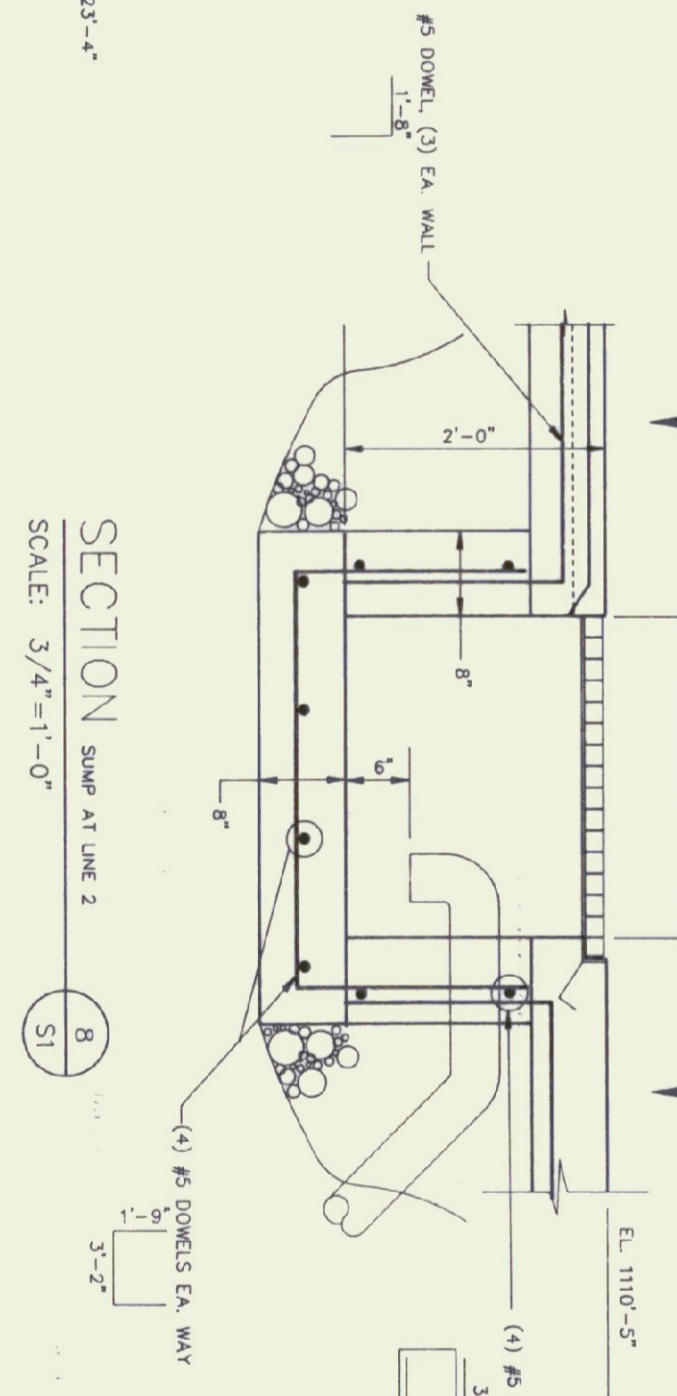
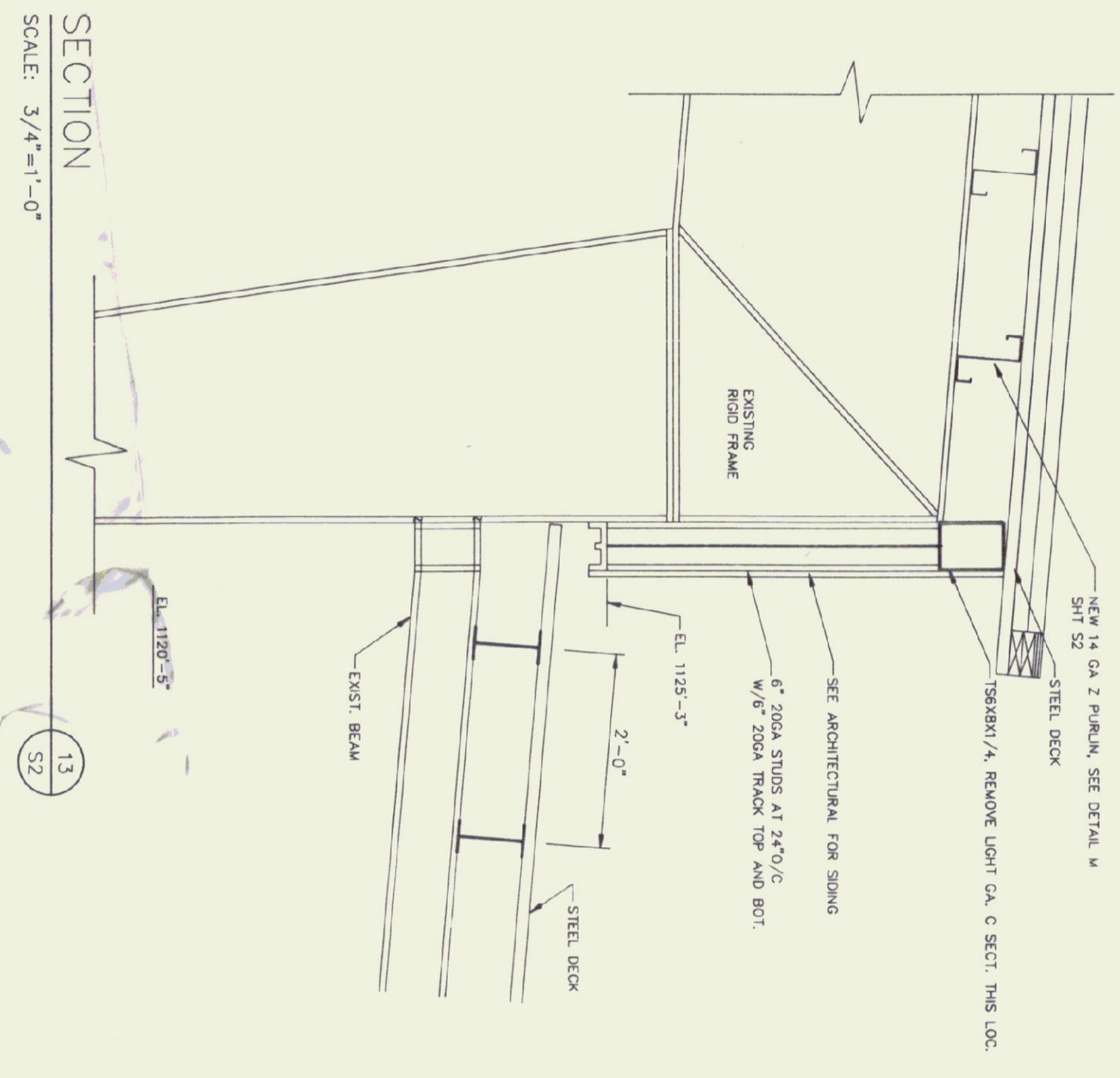
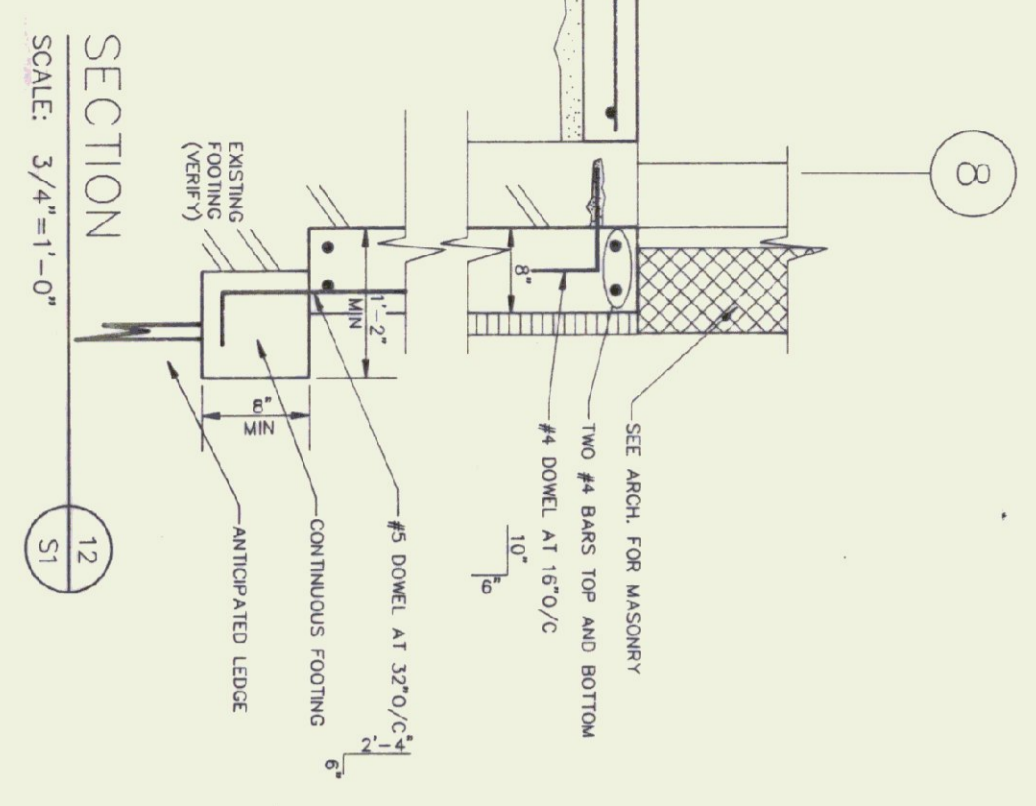
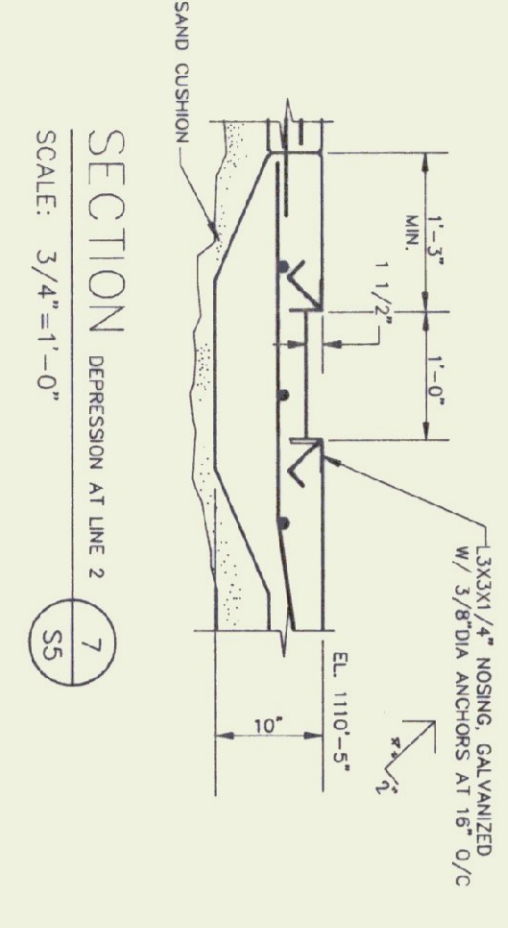
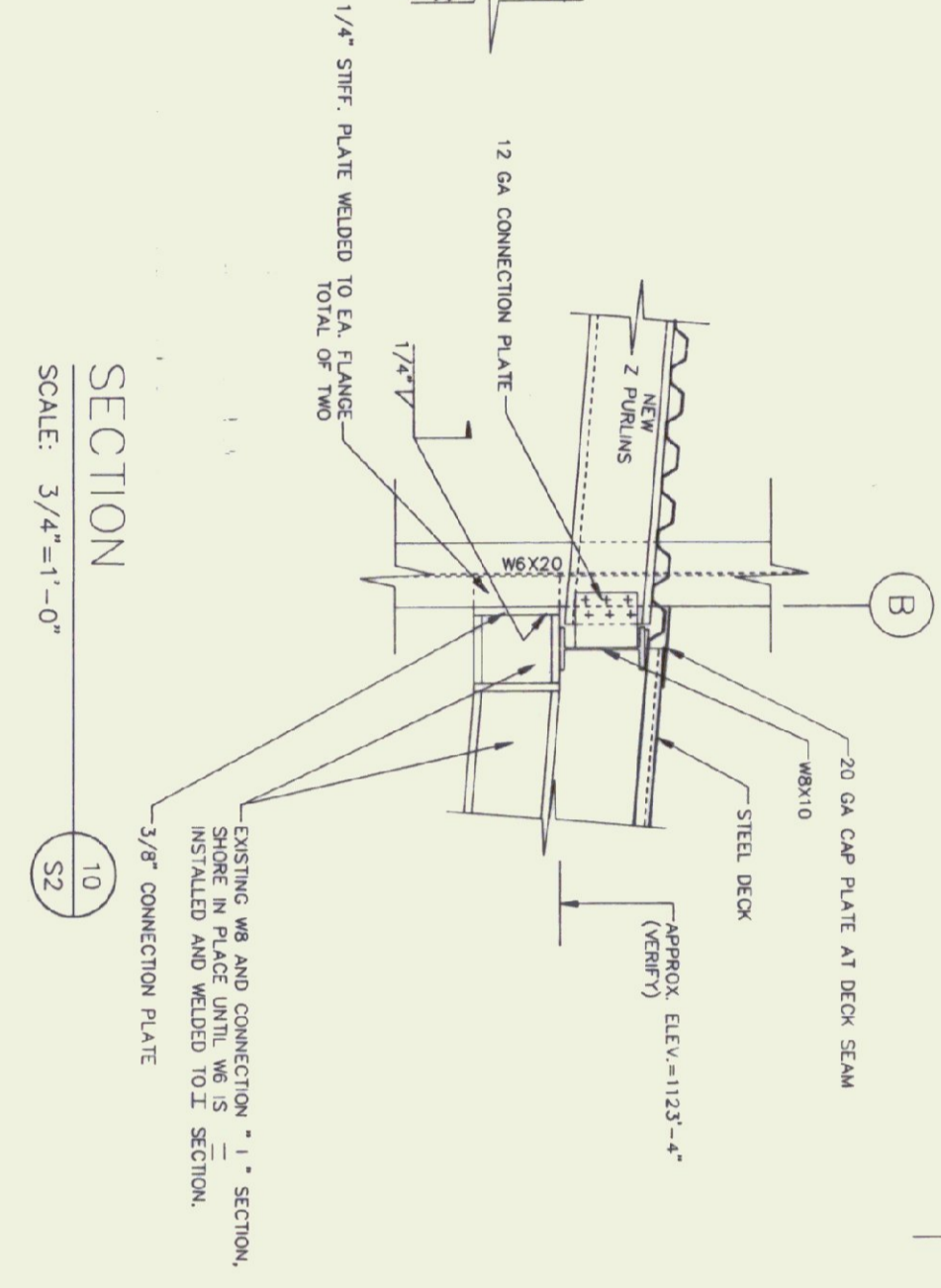
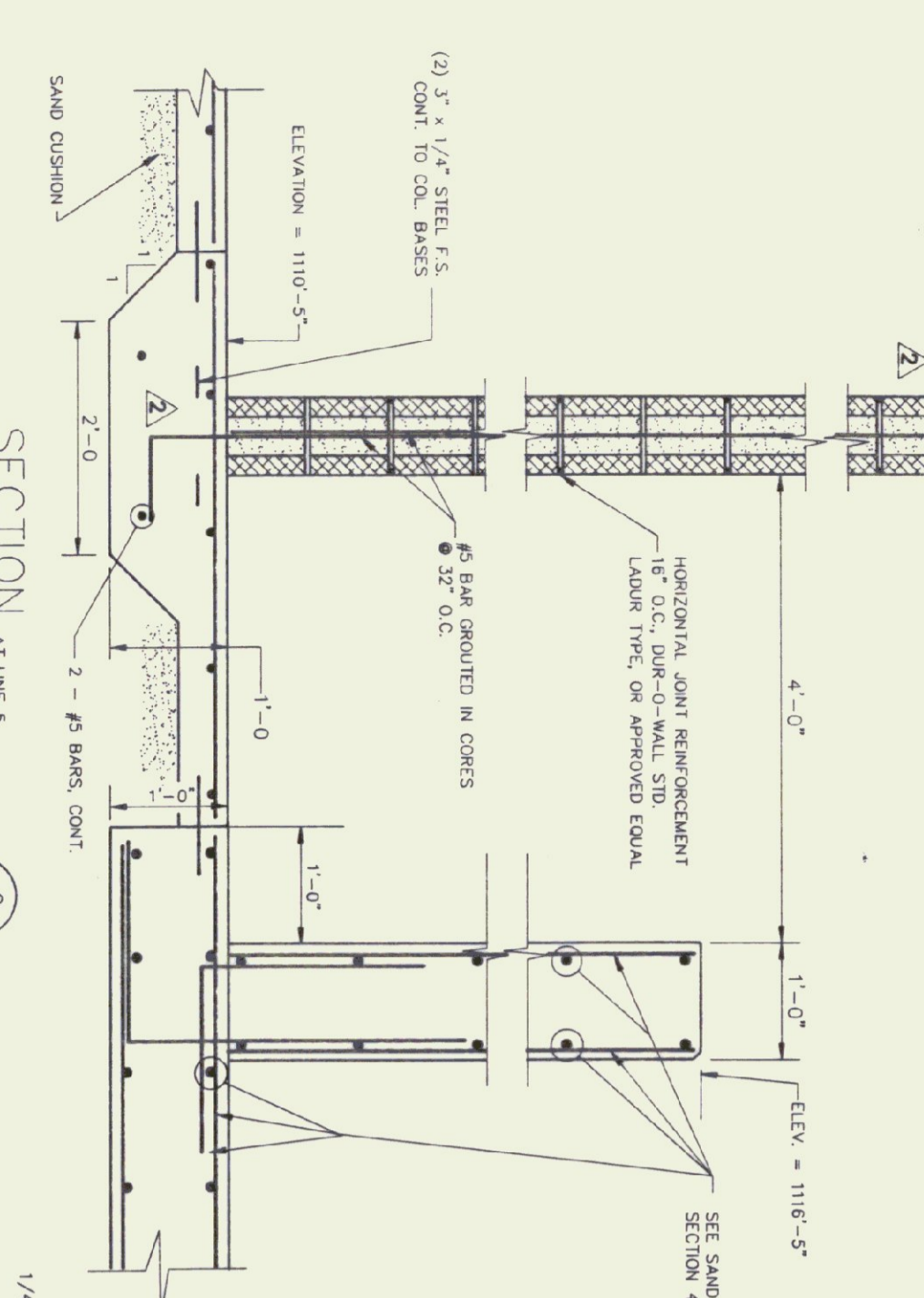
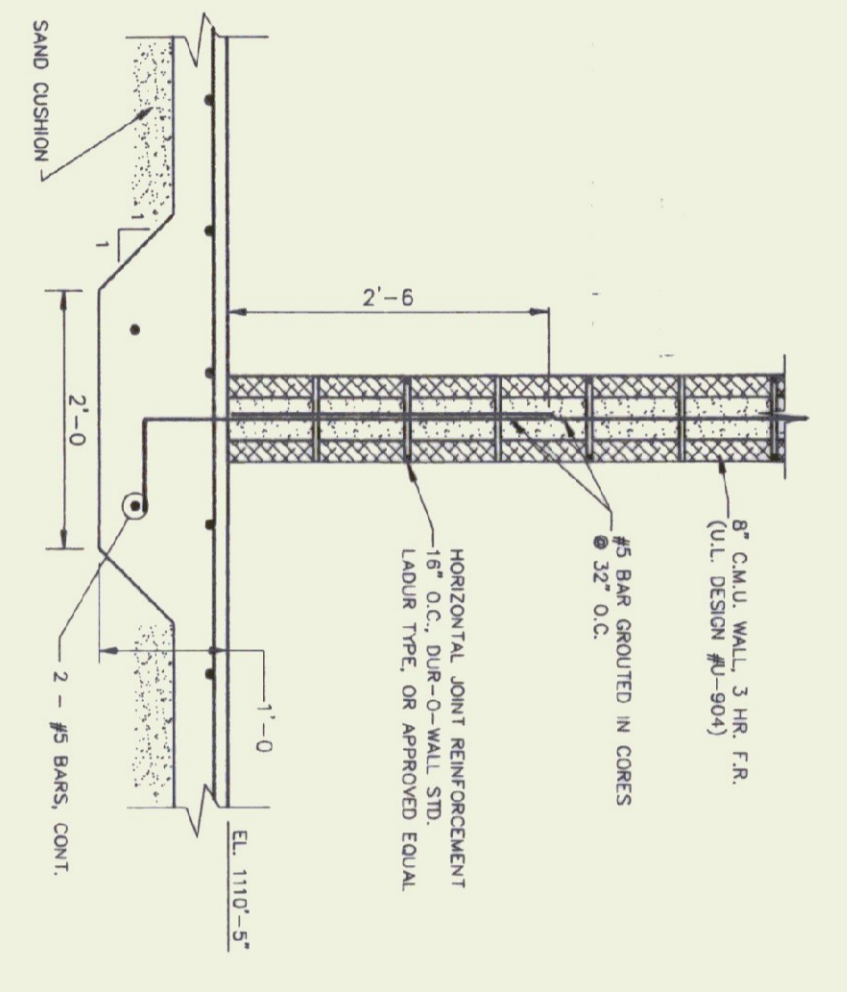
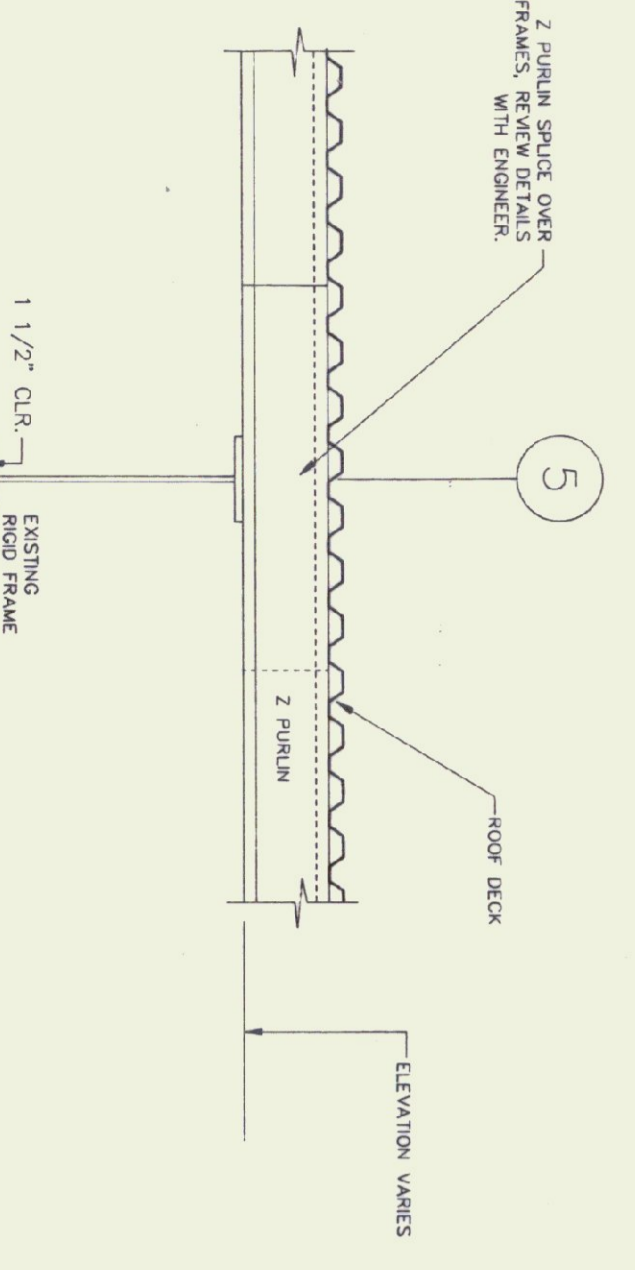
Revisions:

- 7/7/95 OFFICE AREA ADDITION
- 11/20/95 8" DIA WALL PAD

Job Number:  
Drawn By: CEI  
Checked By: CEI  
Scale: as noted  
Date: Nov. 11, 1982  
Sheet Title:  
**Concrete  
Details  
Notes**

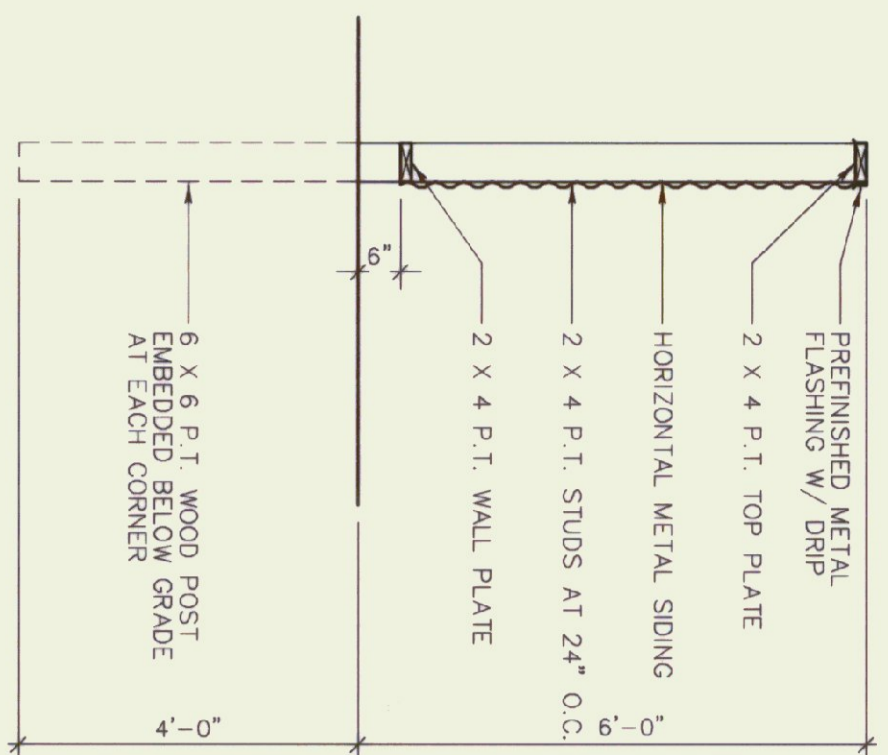
Sheet Number:  
**SS**

@ Gossens Bachman, Inc.

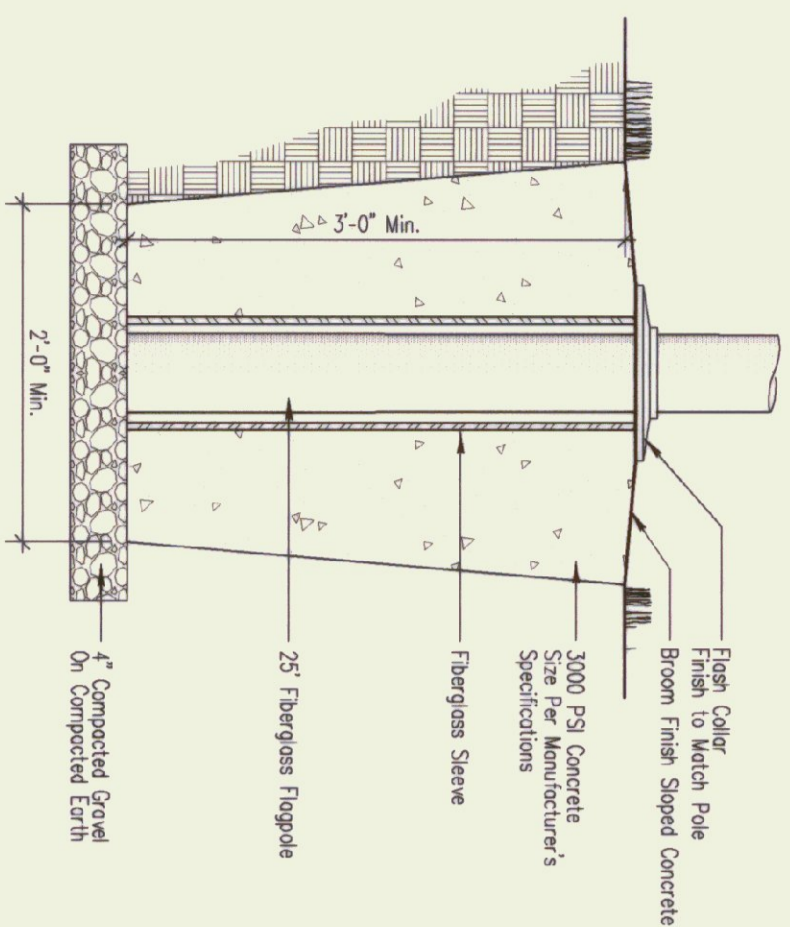


- CONCRETE NOTES**
- CONCRETE SHALL BE DESIGNER, READY-MIXED HUNTINGTON, RACON, CEMEX, ETC. ACCORDING TO RECOMMENDATIONS AND SPECIFICATIONS FOUND IN LOCAL CODES AND IN THE LATEST RECOMMENDATIONS OF THE AMERICAN CONCRETE INSTITUTE (ACI).
  - REINFORCING STEEL TO MEET ALL THE REQUIREMENTS OF ASTM A63, GRADE 60, WELDED WIRE FABRIC TO MEET REQUIREMENTS OF ASTM A185.
  - REINFORCING STEEL SHALL BE SECURELY TIED AND HELD IN PROPER PLACE BEFORE AND AFTER POURING CONCRETE. TIES SHALL BE SUFFICIENT TO PREVENT WALKING, OR TYPICAL CONCRETE SHALL COVER THE REINFORCING STEEL PER FOLLOWING TABLE DIMENSIONS.
  - CONCRETE FORMED AGAINST SOIL..... 3 INCHES
  - CONCRETE FORMED AGAINST FORM..... 1 1/2 INCHES
  - #5 BARS AND LARGER..... 3 INCHES
  - CONCRETE FORMED AGAINST FORM..... 1 1/2 INCHES
  - SLABS, WALLS, AND JOISTS..... 1 1/2 INCHES
  - WHERE CONTINUOUS BARS ARE REQUIRED, BARS SHALL BE CONTINUOUSLY LABELED AND CORNERS, ALL SPICES ARE TO BE SPICED AS NOTED ABOVE.
  - FOOTINGS ARE TO BE PLACED ON UNSETTLED SOIL OR COMPACTED SUBGRADE. THE ELEVATIONS SHOWN ON THE PLANS, THESE ELEVATIONS MAY BE REVISIONS BY THE ENGINEER DUE TO ACTUAL SOIL CONDITIONS FOUND DURING EXCAVATIONS. THE WATER TABLE DEPTH IS SHOWN ON THE PLANS. ALL FOOTINGS SHALL BE SPECIFICALLY NOTED. ASSUMED ALLOWABLE SOIL BEARING PRESSURE SHALL BE AS NOTED.
  - THE CONTRACTOR SHALL INSTALL OR OTHER TRADES INVOLVED IN THE PROJECT, AMBLE TIME TO INSTALL JOISTS, WALLS, SPOUTS, AND OTHER ITEMS TO BE INSTALLED BEFORE SETTING FORMS.
  - APPLY A CURING COMPOUND TO CONCRETE EQUIVALENT TO HARRIS SUPER KURESEAL 200.

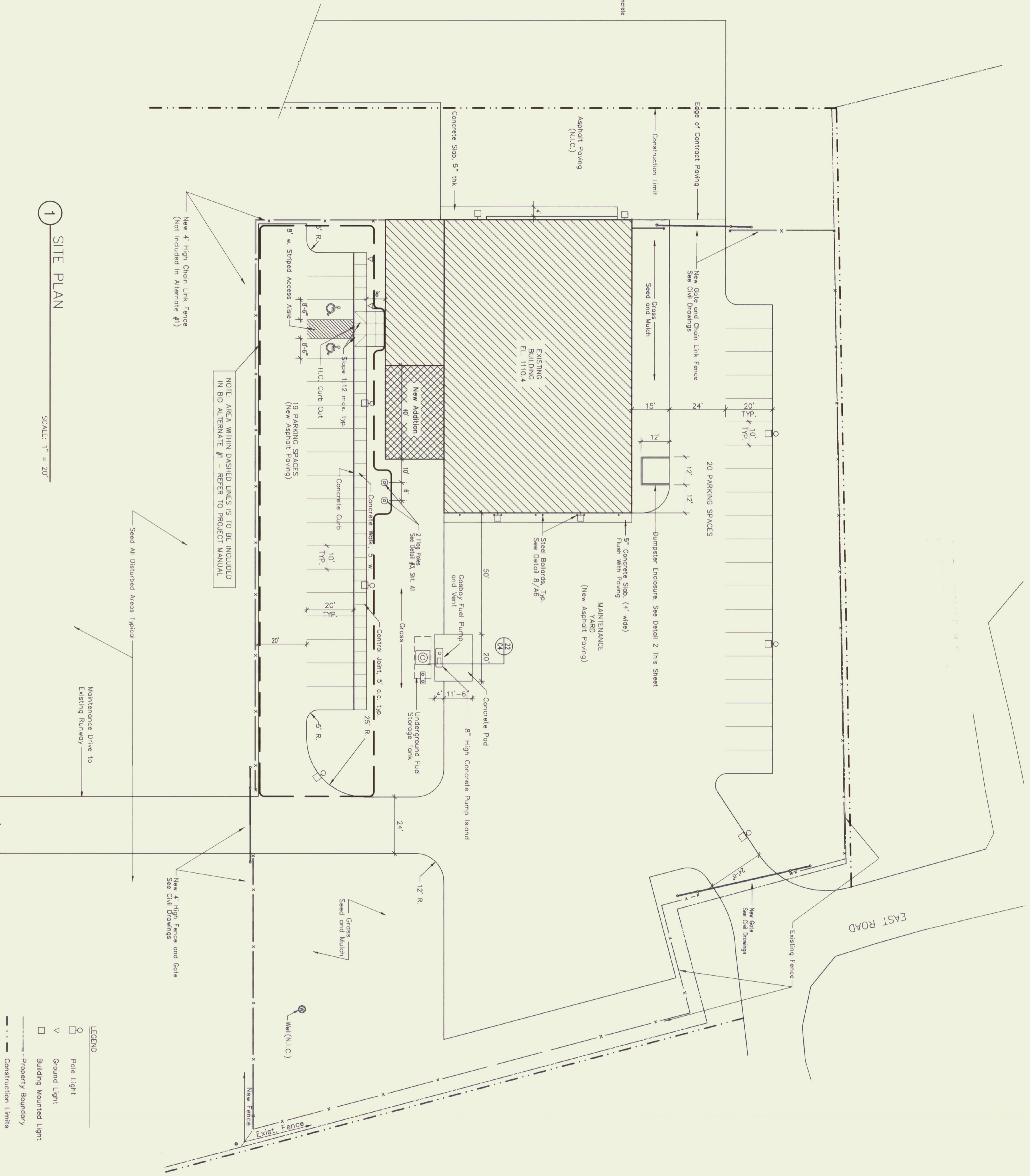
1. ANY COMPONENT NOT LABELED EXISTING IS NEW AND IS TO BE FINISHED AND INSTALLED BY CONTRACTOR.



**2 DUMPSTER SECTION**  
SCALE: 1/2" = 1'



**3 FLAG POLE**  
SCALE: 1" = 1'



**1 SITE PLAN**  
SCALE: 1" = 20'

- LEGEND**
- Pole Light
  - ▽ Ground Light
  - Building Mounted Light
  - Property Boundary
  - - - - - Construction Limits
  - New Fence
  - - - - - Existing Fence

NORTH

**Gossens Bachman, Inc.**  
Architecture and Interior Design  
Gossens Bachman, Inc.  
10 Montpelier, Vermont 05602  
(802) 229-1044

Project Title:  
**Agency of Transportation: HUNTINGTON HANGAR**  
Berlin, Vermont  
A/R-04-3078

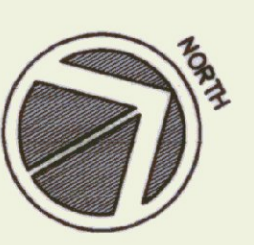
Revisions:  
 ▽ 7/7/95 MOVE PARKING AND WALKS, ADD NEW ADDITION  
 ▽ 11/2/95 FLAG POLE DETAIL, H.C. PARKING, M.S.C. NOTES

Job Number: 9112  
 Drawn By: GC/TMB  
 Checked By: GC  
 Scale: 1" = 20'-0"  
 Date: July, 1992

Sheet Title:  
**SITE PLAN**

Sheet Number:  
**A1**

© Gossens Bachman, Inc.



**Gossens Bachman, Inc.**  
 Architecture and Interior Design  
 60 Main Street  
 Montpelier, Vermont 05602  
 (802) 229-1000

**WINDOW SCHEDULE**

NO.	TYPE	MANUFACTURER	UNIT NO.	FRAME SIZE (W x H)	FINISH	DETAILS	REMARKS
A	WOOD CASSEMENT GREEN	MARVIN	CON2864	2'-4" X 5'-3 1/8"	C/AD/PAINT	2, 3, 4, 6, 13, 7/AS	
B	WOOD CASSEMENT PICTURE	MARVIN	CON27264	6'-0" X 5'-3 1/8"	C/AD/PAINT	2, 3, 5, 6, 8/AS	1" INSULATING GLASS
C	WOOD CASSEMENT PICTURE	MARVIN	CUSTOM	3'-5" X 5'-3 1/8"	C/AD/PAINT	2, 6 & 9/AS	TEMPERED INSULATING GLASS
D	WOOD CASSEMENT PICTURE	MARVIN	CUSTOM	6'-8" X 5'-3 1/8"	C/AD/PAINT	2, 3 & 6/AS	1" INSULATING GLASS
E	WOOD CASSEMENT PICTURE	MARVIN	CUSTOM	6'-6" X 5'-3 1/8"	C/AD/PAINT	2, 3, 4 & 6/AS	1" INSULATING GLASS
F	WOOD CASSEMENT PICTURE	MARVIN	CUSTOM	7'-1" X 5'-3 1/8"	C/AD/PAINT	2, 3, 6 & 8/AS	1" INSULATING GLASS

- NOTES:
- EXTERIOR WOOD AND GLASS DOORS TO BE MARVIN GLAD TERACE DOORS. UNIT FACTORY SET. AND REPLACE WITH 6" ALUMINUM LOW PROFILE SDOLE THRESHOLD/APRONIC DOOR AND FRAME ACCORDINGLY.
  - CONSTRUCTION TO BE IN DOOR ROOM STUDIES. REMOVE FACTORY DOOR BOTTOM METAL STRIP/EXTENSION (SEE DETAIL SHEET 10).
  - PROVIDE MARVIN GLAD TERACE DOOR SDOLE UNIT 2080 WITH TEMPERED INSULATING GLASS.
  - PROVIDE PLASTIC LAMINATE SIGNAGE IDENTIFYING TOILET ROOMS AS INDICATED ACCESSIBLE. COMPLY WITH ADA REQUIREMENTS. MOUNT ADJACENT TO LATCH SIDE OF TOILET ROOM DOORS.

**DOOR SCHEDULE**

NO.	TYPE	SIZE (W x H x T)	FINISH	DETAILS	HW. SET	REMARKS
1	OVERHEAD SECTIONAL	14'-0" X 12'-0" X 1 5/8"	FACTORY	4 & 5/AS	---	HARDWARE BY MFR.
2	OVERHEAD SECTIONAL	14'-0" X 12'-0" X 1 5/8"	FACTORY	4 & 5/AS	---	HARDWARE BY MFR.
3	OVERHEAD SECTIONAL	14'-0" X 12'-0" X 1 5/8"	FACTORY	4 & 5/AS	---	HARDWARE BY MFR.
4	OVERHEAD SECTIONAL	14'-0" X 12'-0" X 1 5/8"	FACTORY	4 & 5/AS	---	HARDWARE BY MFR.
5	FLUSH ALUM. INSUL.	3'-0" X 7'-0" X 1 3/4"	FACTORY	4, 13 & 16/AS	---	FACTORY PRINED. 45 MINUTE FIRE RATED
6	FLUSH STEEL INSUL.	3'-0" X 7'-0" X 1 3/4"	FACTORY	18/AS	---	FACTORY PRINED INSIDE. SEE ALSO 5/AS(S.M.)
7	GLAD WOOD AND GLASS	3'-0" X 8'-0" X 1 3/4"	PAINT	9 THRU 12/AS	---	FACTORY PRINED INSIDE. SEE NOTE 2
8	GLAD WOOD AND GLASS	3'-0" X 8'-0" X 1 3/4"	PAINT	9 THRU 12/AS	---	FACTORY PRINED INSIDE. SEE NOTE 2
9	GLAD WOOD AND GLASS	3'-0" X 8'-0" X 1 3/4"	PAINT	9 THRU 12/AS	---	HARDWARE BY MFR. APPLY METAL SIDING OUTSIDE
10	OVERHEAD BITFOLD	VERIFY	FACTORY	2 & 3/AS	---	FACTORY PRINED. 3 HR. F. R. SEE NOTE 4 BELOW
11	FLUSH STEEL	3'-0" X 7'-0" X 1 3/8"	PAINT	---	---	FACTORY PRINED. SEE NOTE 4 BELOW
12	FLUSH STEEL	3'-0" X 7'-0" X 1 3/8"	PAINT	---	---	FACTORY PRINED. SEE NOTE 4 BELOW

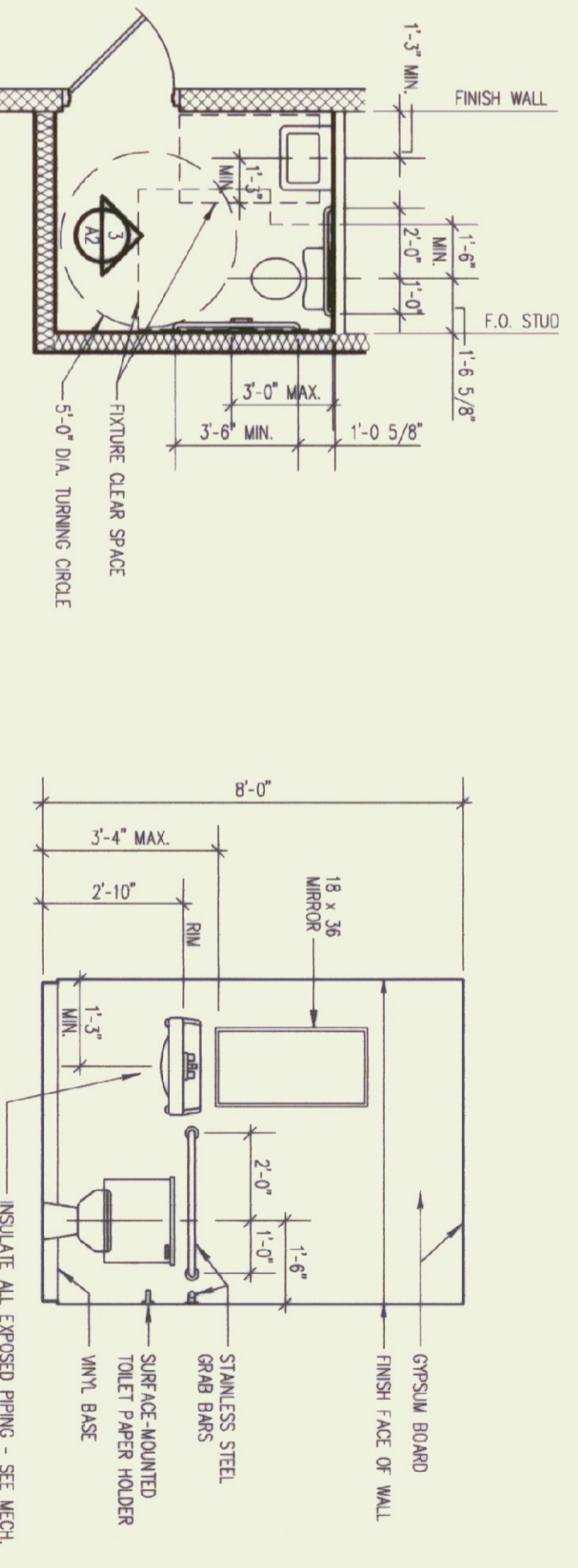
**ROOM FINISH SCHEDULE**

NO.	ROOM	FLOOR	BASE	WALLS	CEILING	REMARKS
101	MAINTENANCE GARAGE	SEALED CONC.	NONE	PAINT	NONE	PROVIDE "J" BEAD AT TOP & BOTTOM OF GYP. BD. WALLS
102	STORAGE HANGAR	SEALED CONC.	NONE	PAINT	NONE	PROVIDE "J" BEAD AT TOP & BOTTOM OF GYP. BD. WALLS
103	TOILET ROOM	SEALED CONC.	VINYL	PAINT	PAINT	SEE NOTE BELOW
104	TOILET ROOM	SEALED CONC.	GYP. BD.	PAINT	PAINT	SEE NOTE BELOW
105	FUTURE OFFICES	SEALED CONC.	NONE	NONE	NONE	

NOTE: PROVIDE 3 5/8" METAL JOISTS AT 24" O.C. AT BATHROOMS TO SUPPORT GYP. BD. CEILING AT 8'-0" A.F.F.

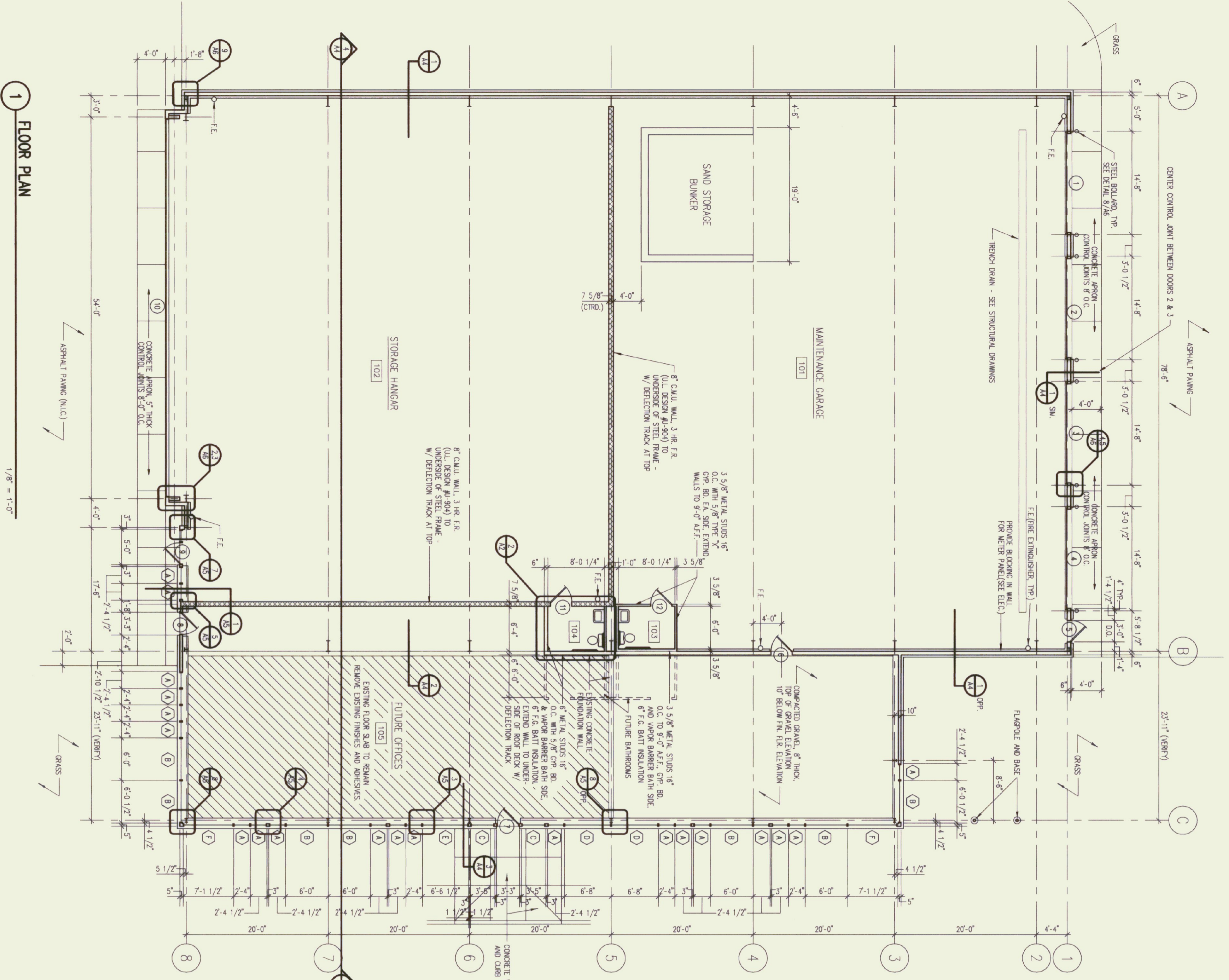
**GENERAL NOTES**

- ALL DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD UNLESS INDICATED OTHERWISE.
- DO NOT SCALE DIMENSIONS FROM DRAWINGS. IN THE CASE OF MISSING OR CONFLICTING DIMENSIONS, CONTACT THE ARCHITECT.
- PROVIDE BLOCKING IN WALLS TO ACCEPT GRAB BARS, HANDRAILS, CLOSET RODS, ETC.
- EXTERIOR CONCRETE SURFACES TO RECEIVE A BROOM FINISH. EXTERIOR CONCRETE CONTROL JOINTS TO BE 3/4" D. TOOLED JOINTS. AT 6'-0" O.C. MAXIMUM, OR AS SHOWN.
- EXTERIOR CONCRETE APRONS ARE TO BE INSTALLED ON COMPACTED STRUCTURAL FILL TO A DEPTH OF FIVE FEET BELOW GRADE. DOWEL APRON INTO FOUNDATION WALL WITH #4 REBAR AT 16" O.C.
- ALL EXISTING STRUCTURAL STEEL TO BE SANDED, PRIMED AND PAINTED PER SPECIFICATIONS.



**DEMOLITION NOTES**

- ALL MATERIALS TO BE DEMOLISHED ARE TO BE REMOVED FROM SITE AND LEGALLY DISPOSED OF.



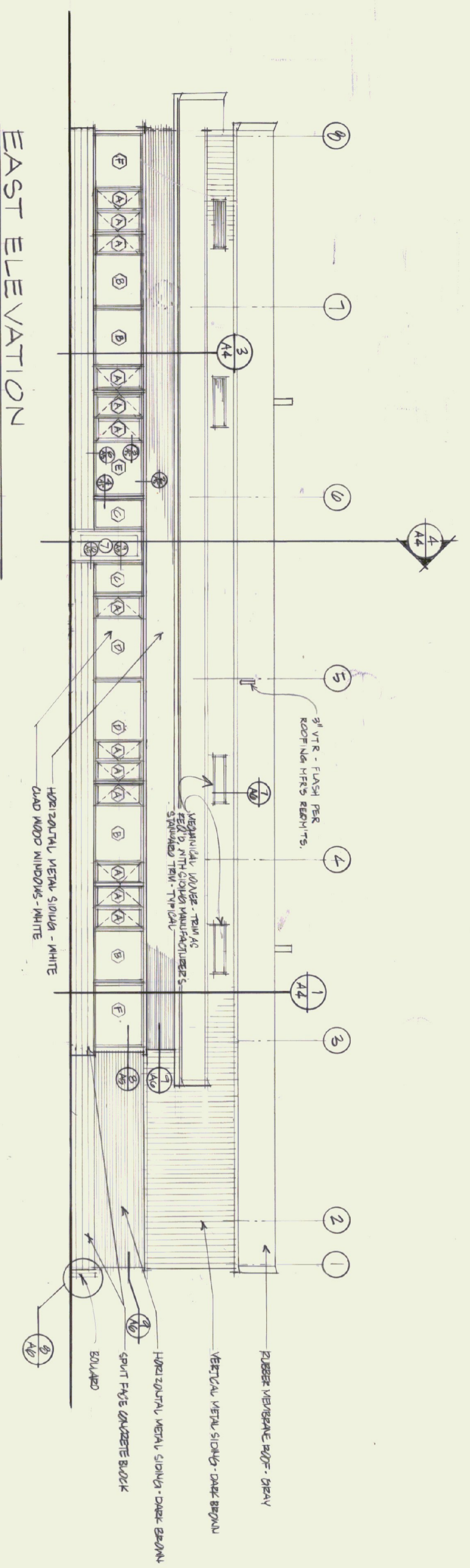
Project Title:  
**Agency of Transportation HUNTINGTON HANGAR**  
 Berlin, Vermont  
 A/R-04-3076

Revisions:  
 7/7/95 ADD NEW ADDITION AND RELATED CHANGES  
 11/7/95 MISC. REVISIONS

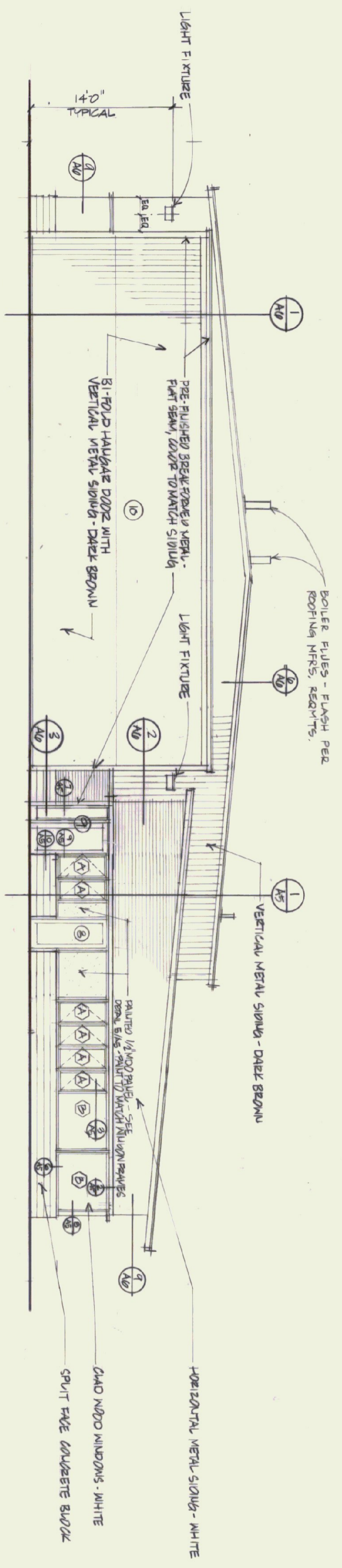
Job Number: 9605  
 Drawn By: TUB  
 Checked By: GG  
 Scale: As Shown  
 Date: Nov. 11, 1992  
 Sheet Title:  
**Floor Plan and Schedules**

Sheet Number:  
**A2**

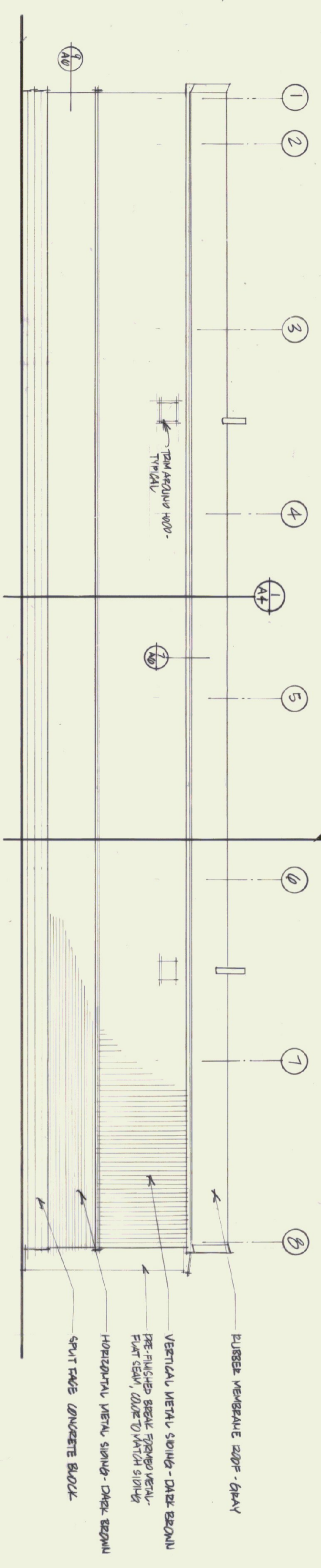
© Gossens Bachman, Inc.



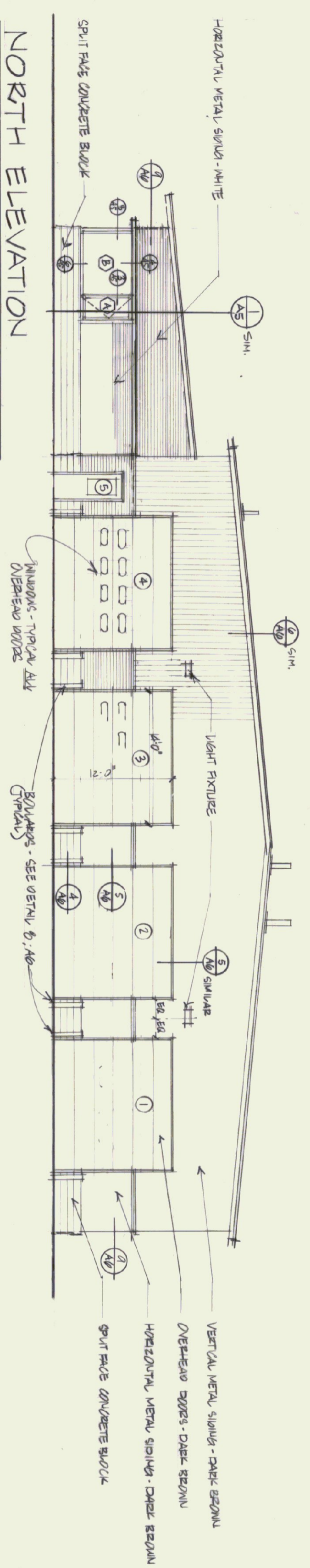
EAST ELEVATION



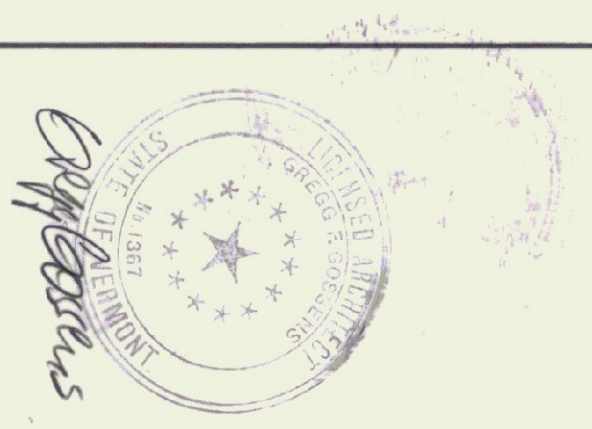
SOUTH ELEVATION



WEST ELEVATION



NORTH ELEVATION



Gossens Bachman  
Architecture and Interior Design

Gossens Bachman, Inc.  
Main Office  
Montpelier, Vermont 05602  
(802) 255-1544

Project Title:

Agency of  
Transportation:  
HUNTINGTON  
HANGAR  
Berlin, Vermont  
AIR-04-3076

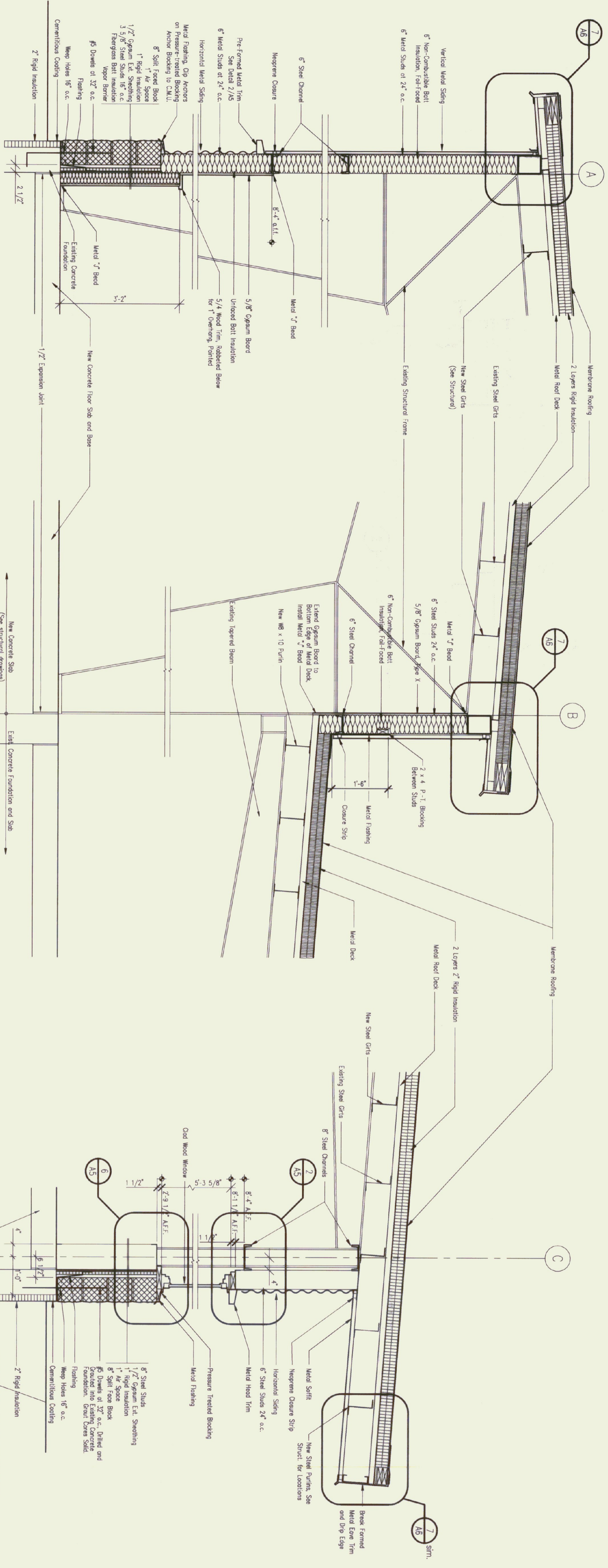
Revisions:  
REWORKS OFFICE EXPANSION -  
MAY 15, 1992  
7/7/95 ADD OFFICE  
EXPANSION

Job Number: 9112  
Drawn By: *[Signature]*  
Checked By: *[Signature]*  
Scale: 1/8" = 1'-0"  
Date: 10/7/1992

Sheet Title:  
ELEVATIONS

Sheet Number:  
A3

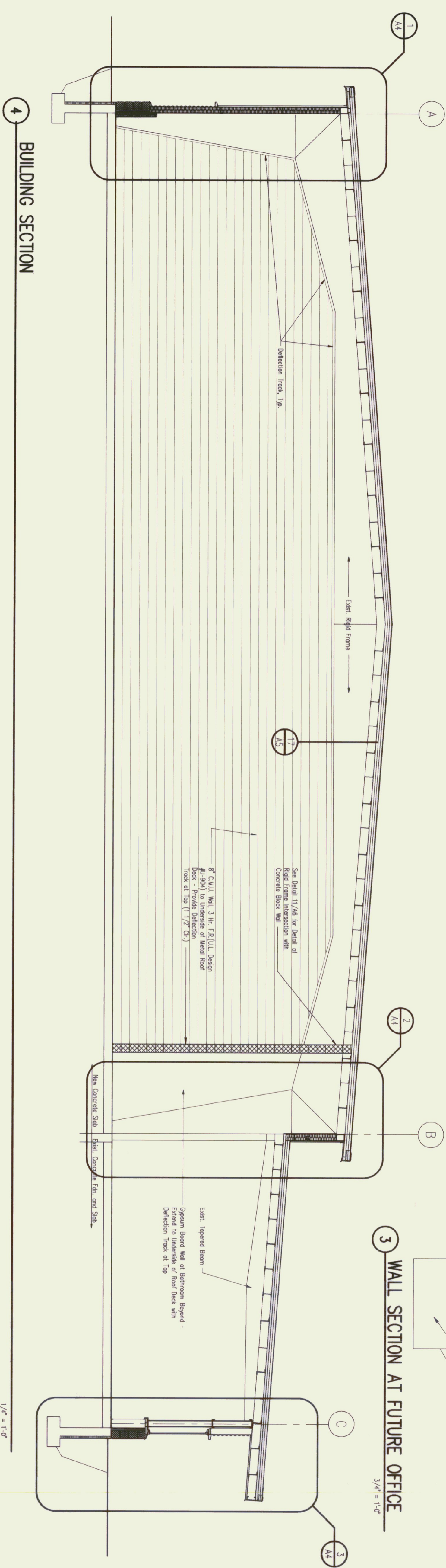
© Gossens Bachman, Inc.



1 WALL SECTION of HANGAR/MAINTENANCE  
3/4" = 1'-0"

2 WALL SECTION BETWEEN HANGAR AND FUTURE OFFICE  
3/4" = 1'-0"

3 WALL SECTION AT FUTURE OFFICE  
3/4" = 1'-0"



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



**Gossens Bachman Inc.**  
Architecture and Interior Design  
Gossens Bachman Inc.  
Montpelier, Vermont 05602  
(802) 229-1884

Project Title:  
**Agency of Transportation HUNTINGTON HANGAR**  
Berlin, Vermont  
AIR-04-3076

Revisions:  
▲ 7/7/85 ADD NEW ADDITION AND RELATED CHANGES  
▲ 11/2/95 REVISED DIMENSIONS WALL

Job Number: 8605  
Drawn By: GC/TMB  
Checked By: GC  
Scale: As Shown  
Date: Nov. 11, 1982  
Sheet Title: SECTIONS

Sheet Number: A4  
© Gossens Bachman, Inc.





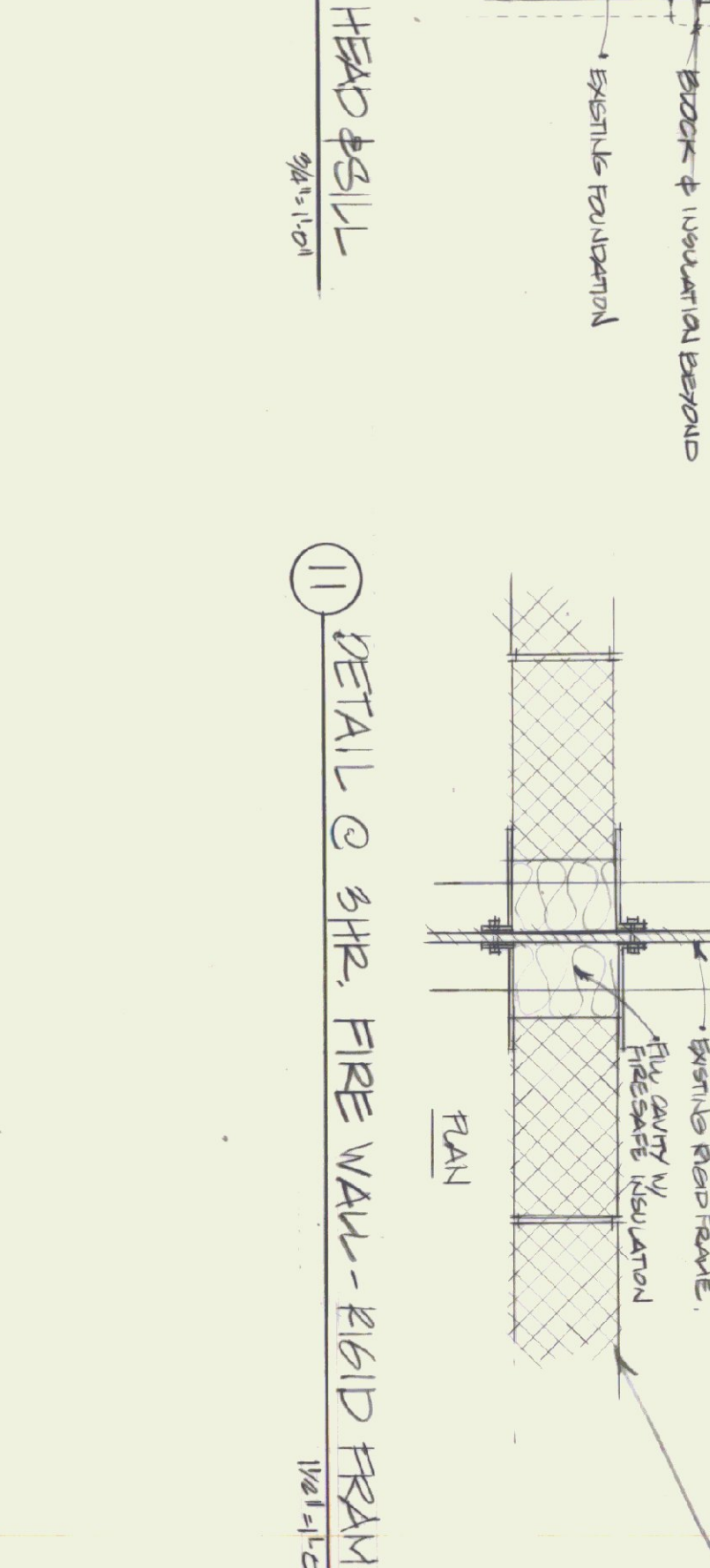
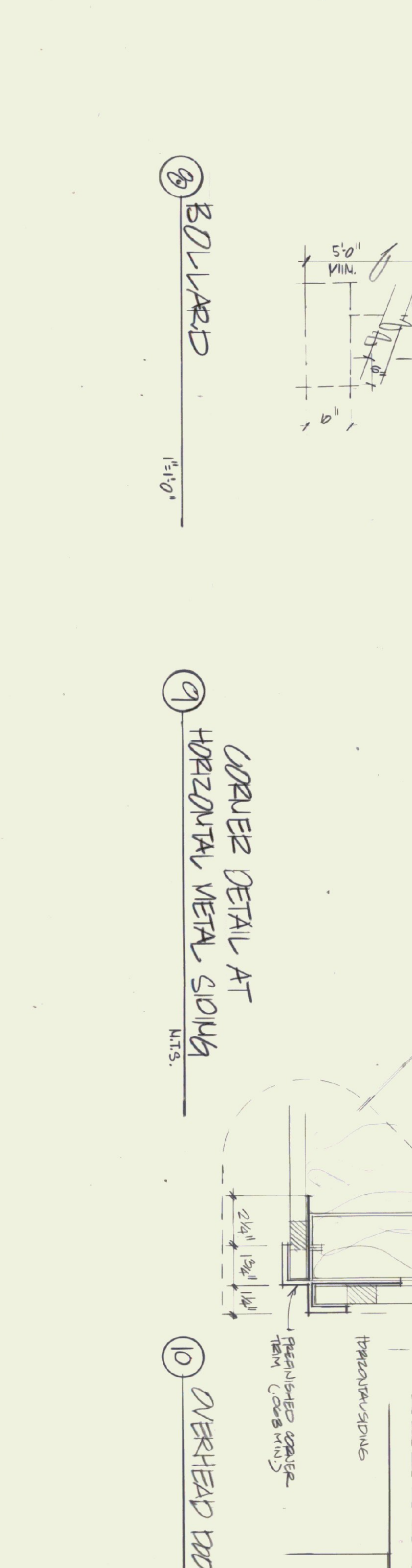
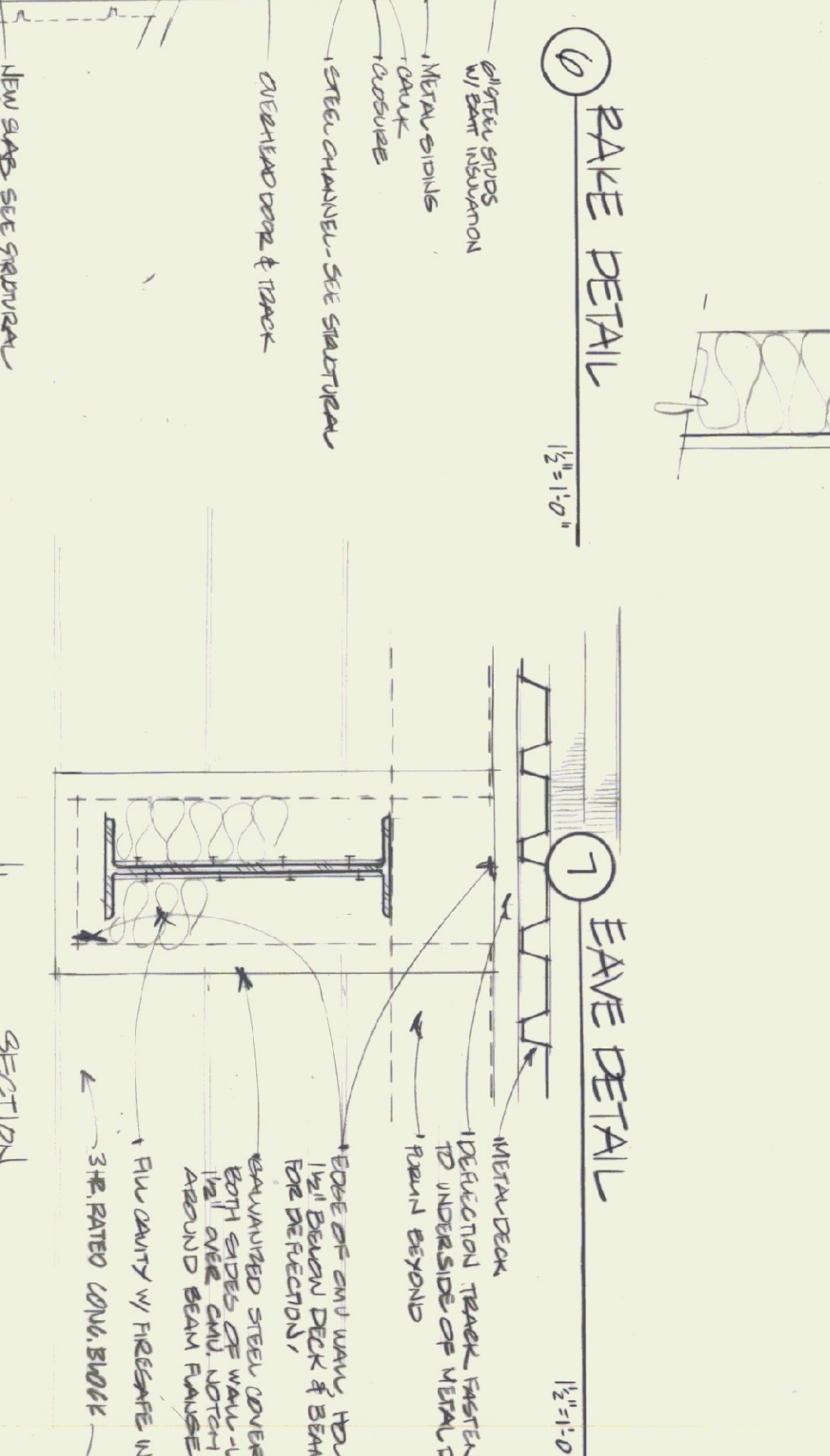
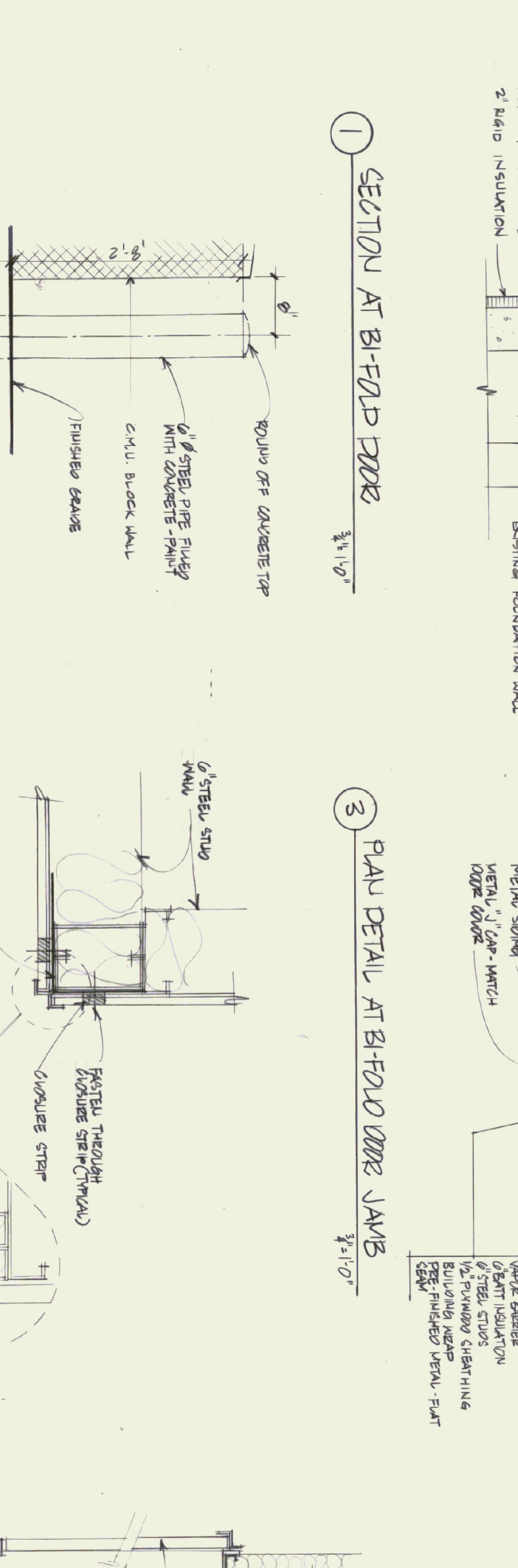
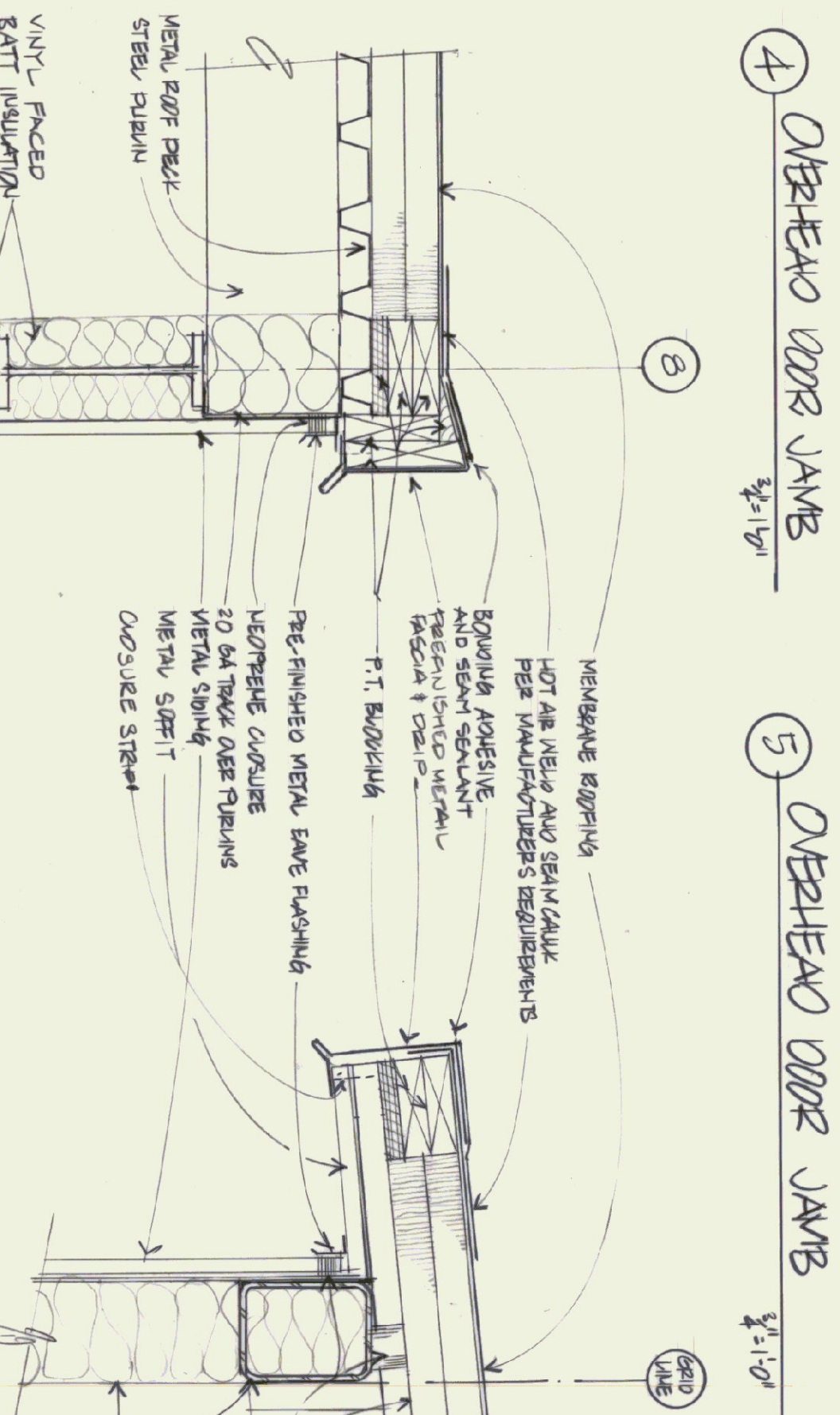
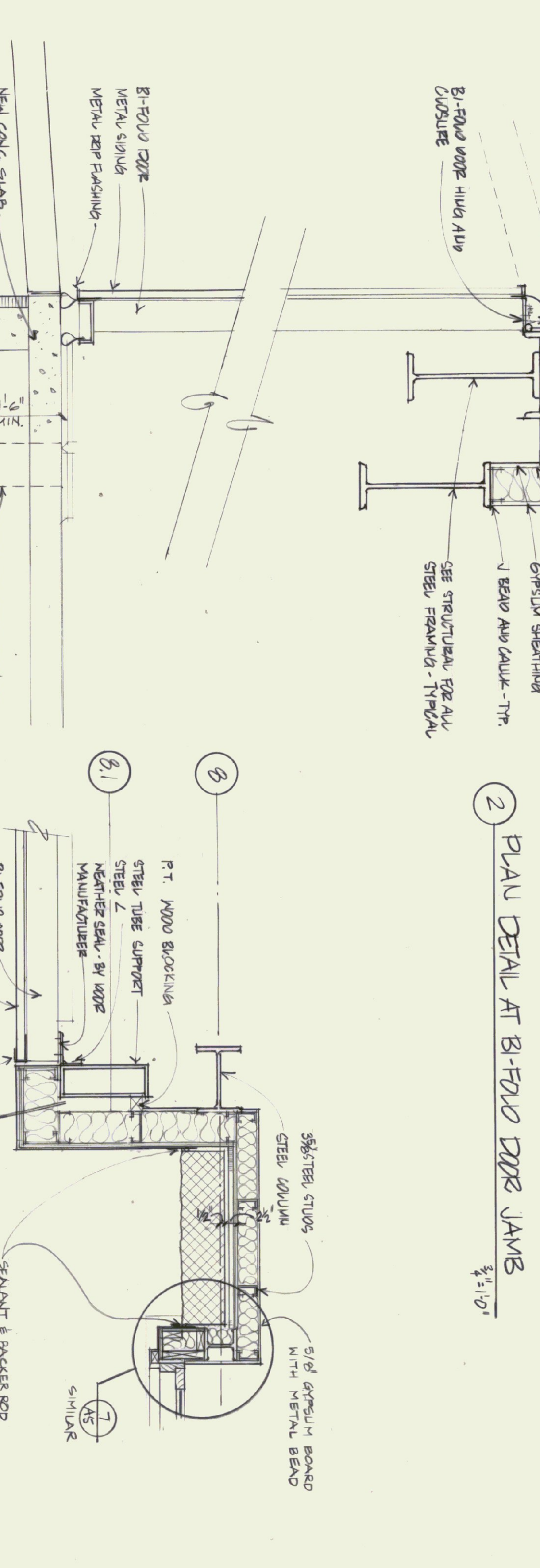
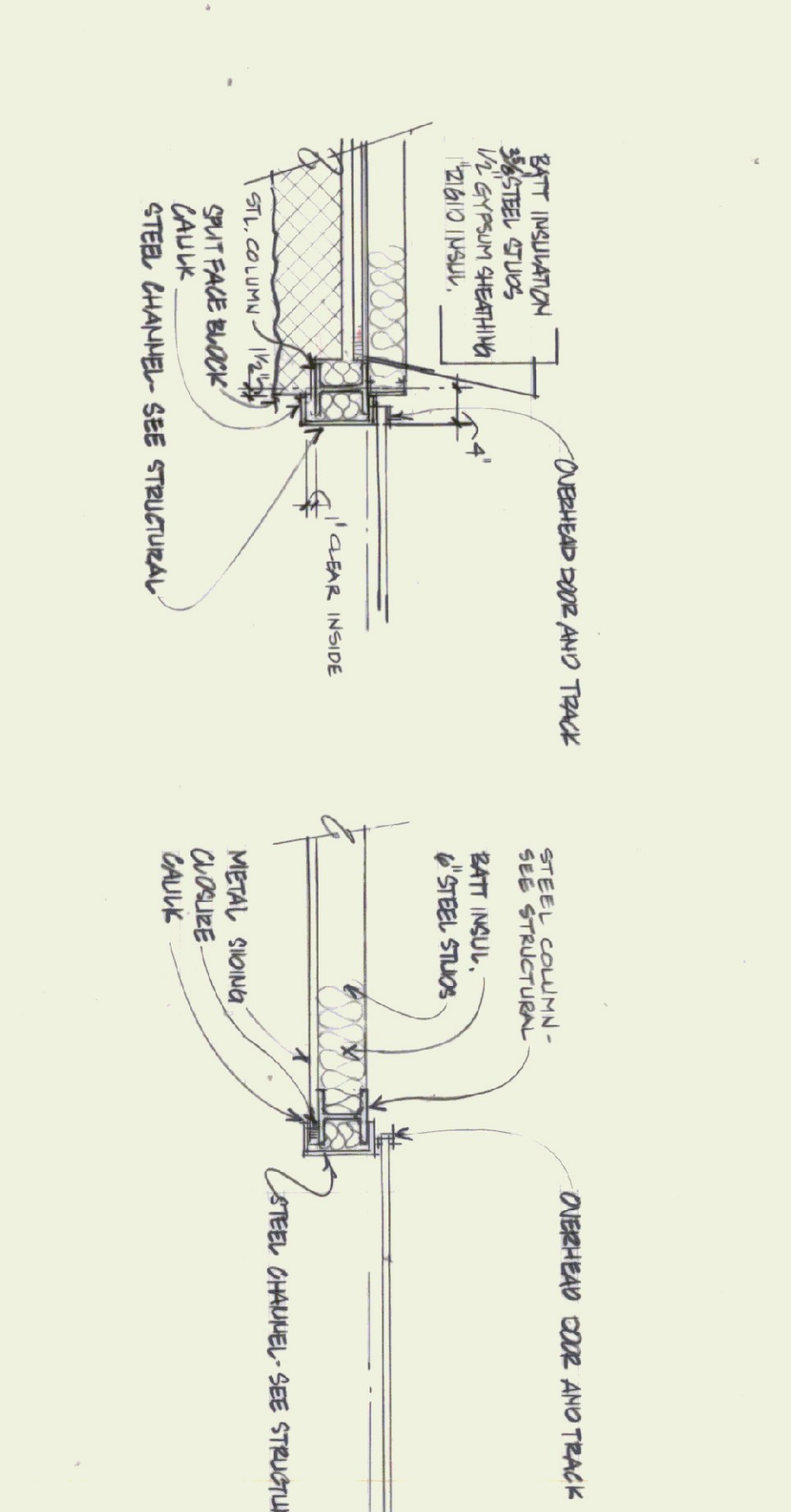
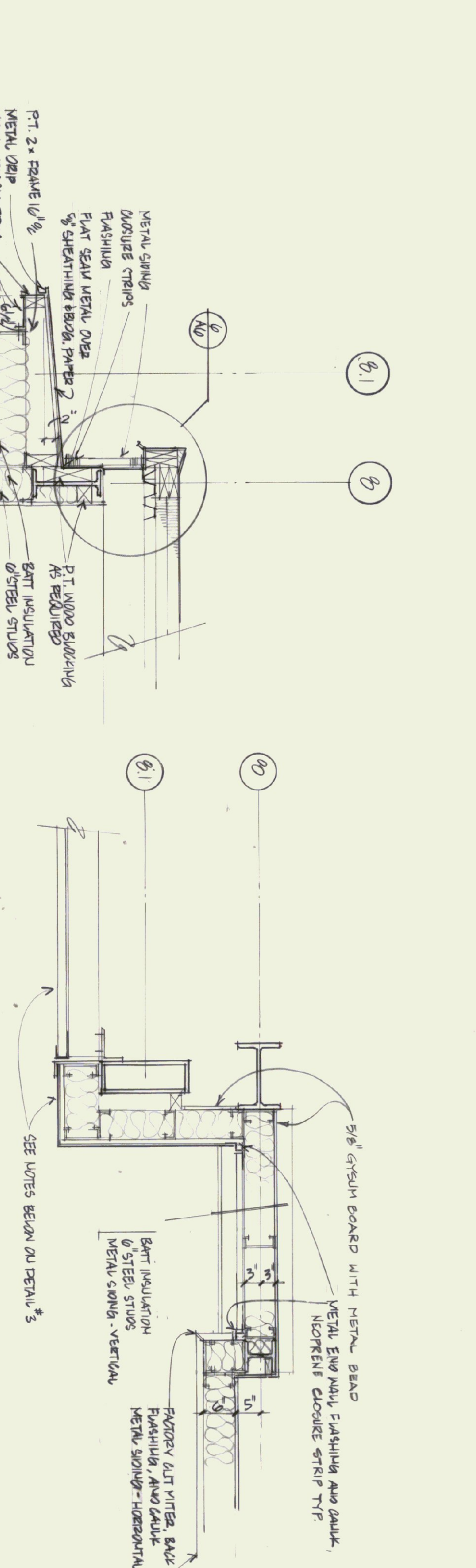
Gossens Bachman, Inc.  
 Architecture and Interior Design  
 100 North Main Street  
 Montpelier, Vermont 05602  
 (802) 252-1664

Project Title:  
 Agency of Transportation:  
**HUNTINGTON HANGAR**  
 Berlin, Vermont  
 AIR - 04 - 3076

Revisions:  
 1/7/19 REVISED DETAIL TO ADD TIE PERIOD.  
 1/2/20 H.S. US 4 CLOSURE STRIP DETAILS REVISION DETAIL 11.

Job Number: 9112  
 Drawn By: GG  
 Checked By: GG  
 Scale: as noted  
 Date: NOV. 11, 1992  
 Sheet Title:  
**Details**

Sheet Number:  
**A6**  
 © Gossens Bachman, Inc.

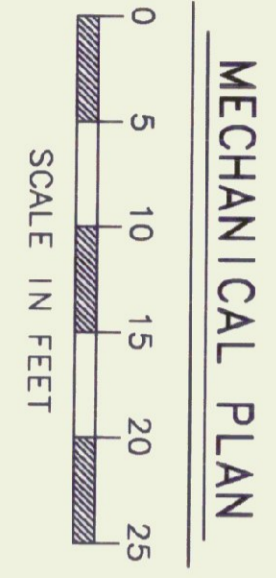
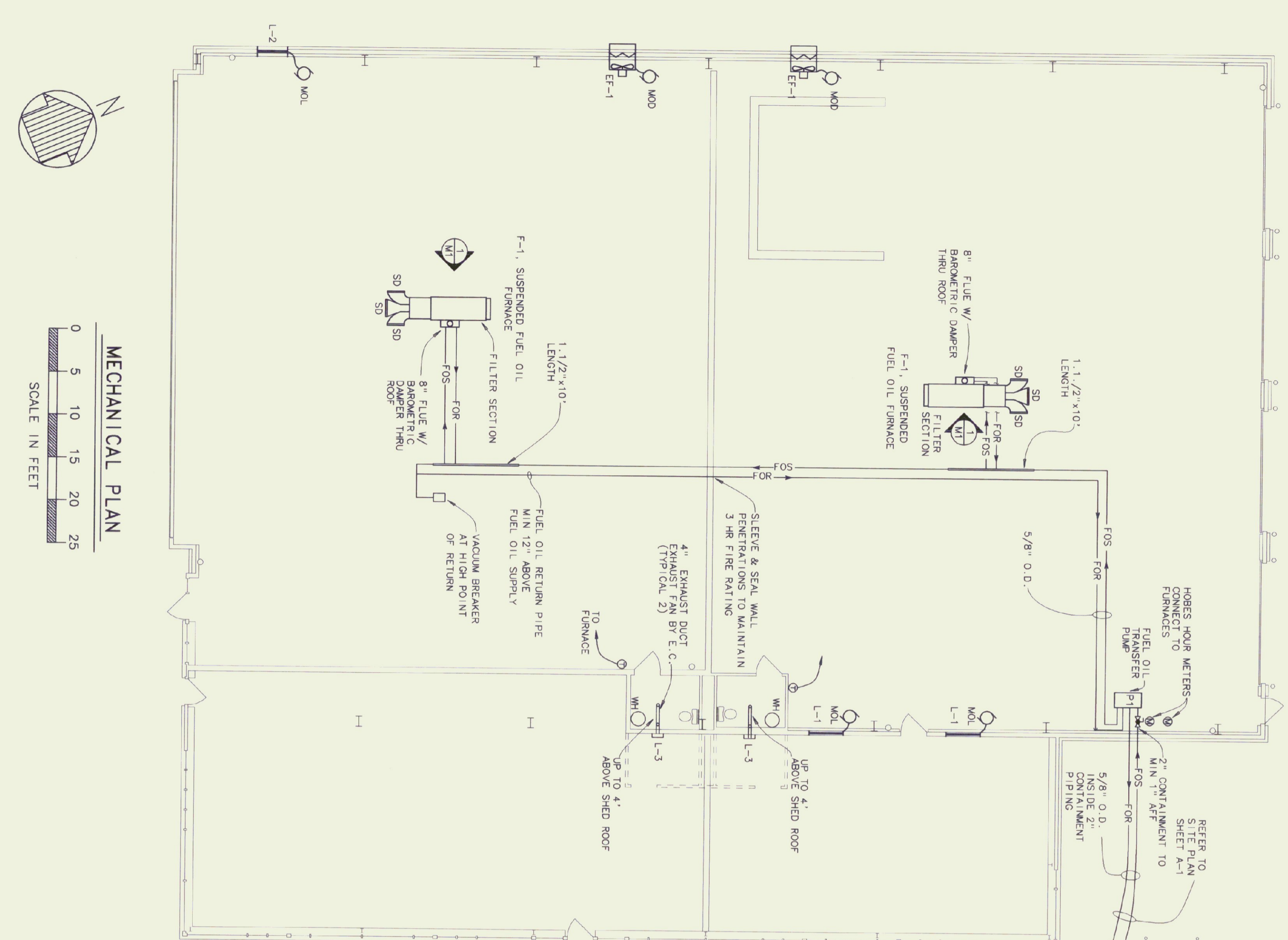


8) BOLIVARD  
 1" = 1/0"

9) CORNER DETAIL AT HORIZONTAL METAL STUDS  
 N.T.S.

10) OVERHEAD DOOR HEAD PILL  
 3/4" = 1/0"

11) DETAIL @ SHR. FIRE WALL - RIGID FRAME  
 1/4" = 1/0"

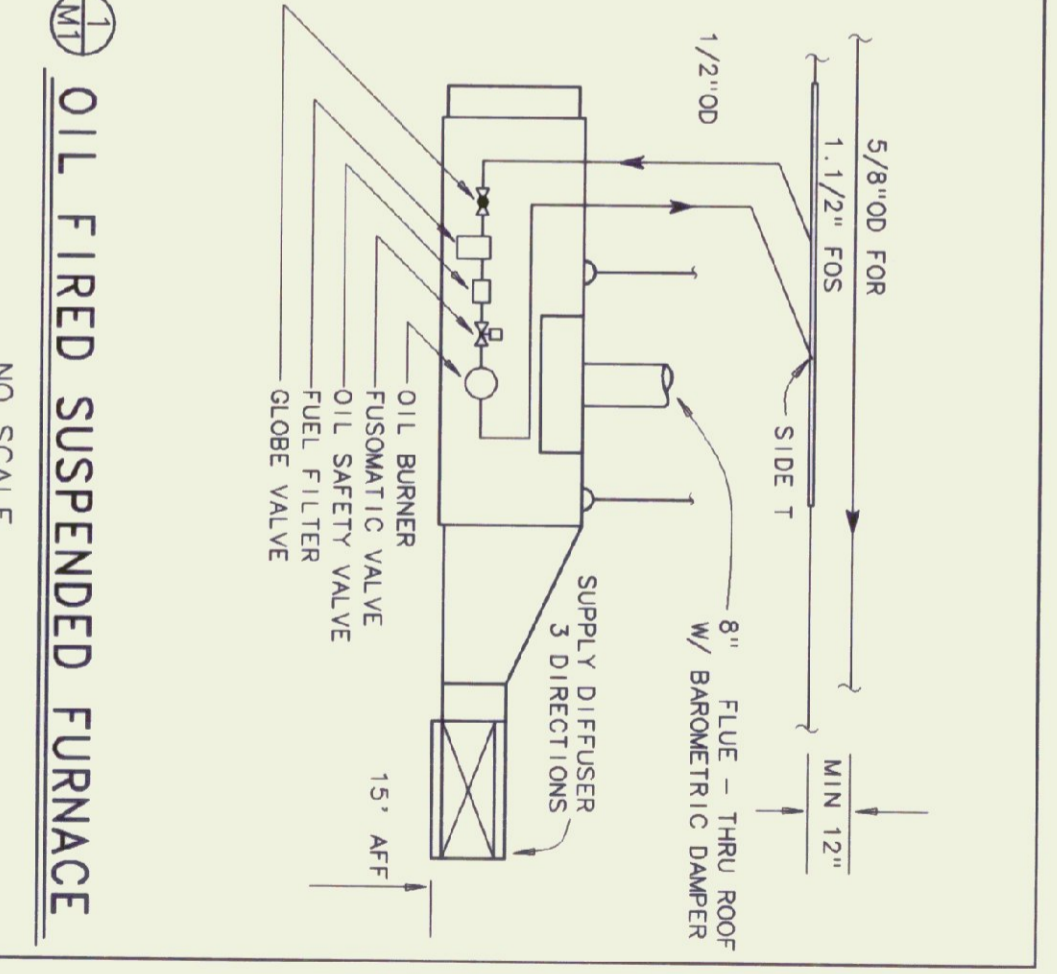
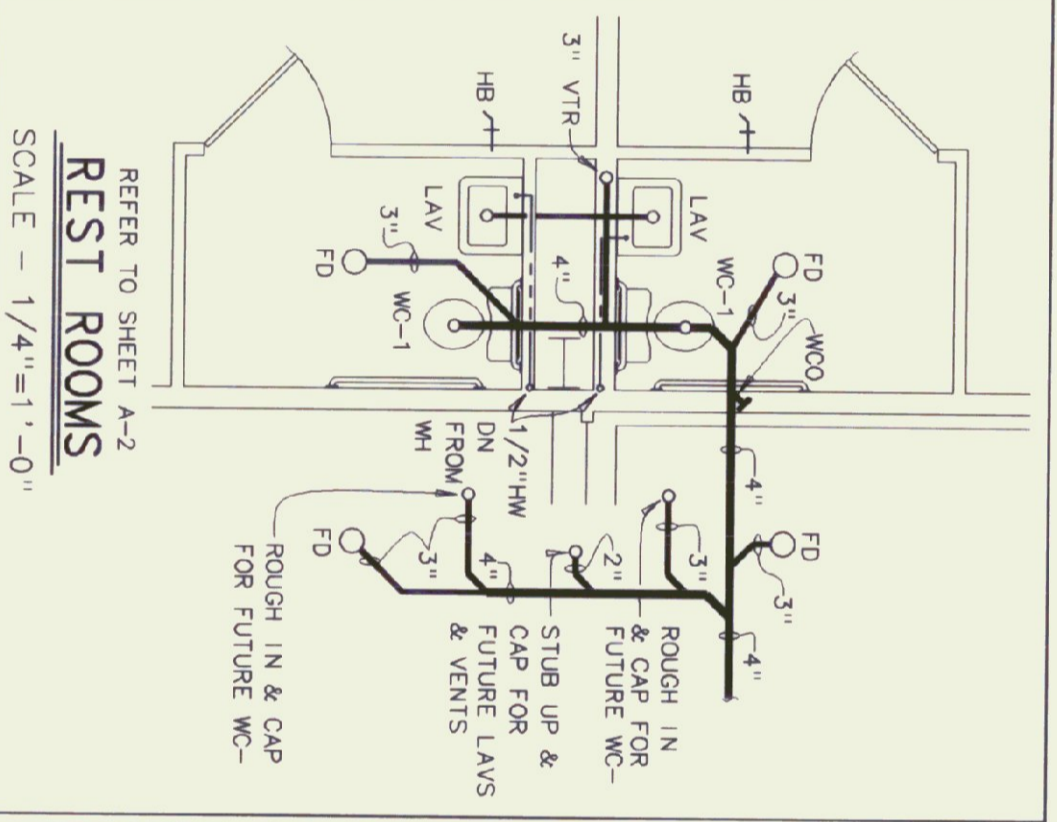
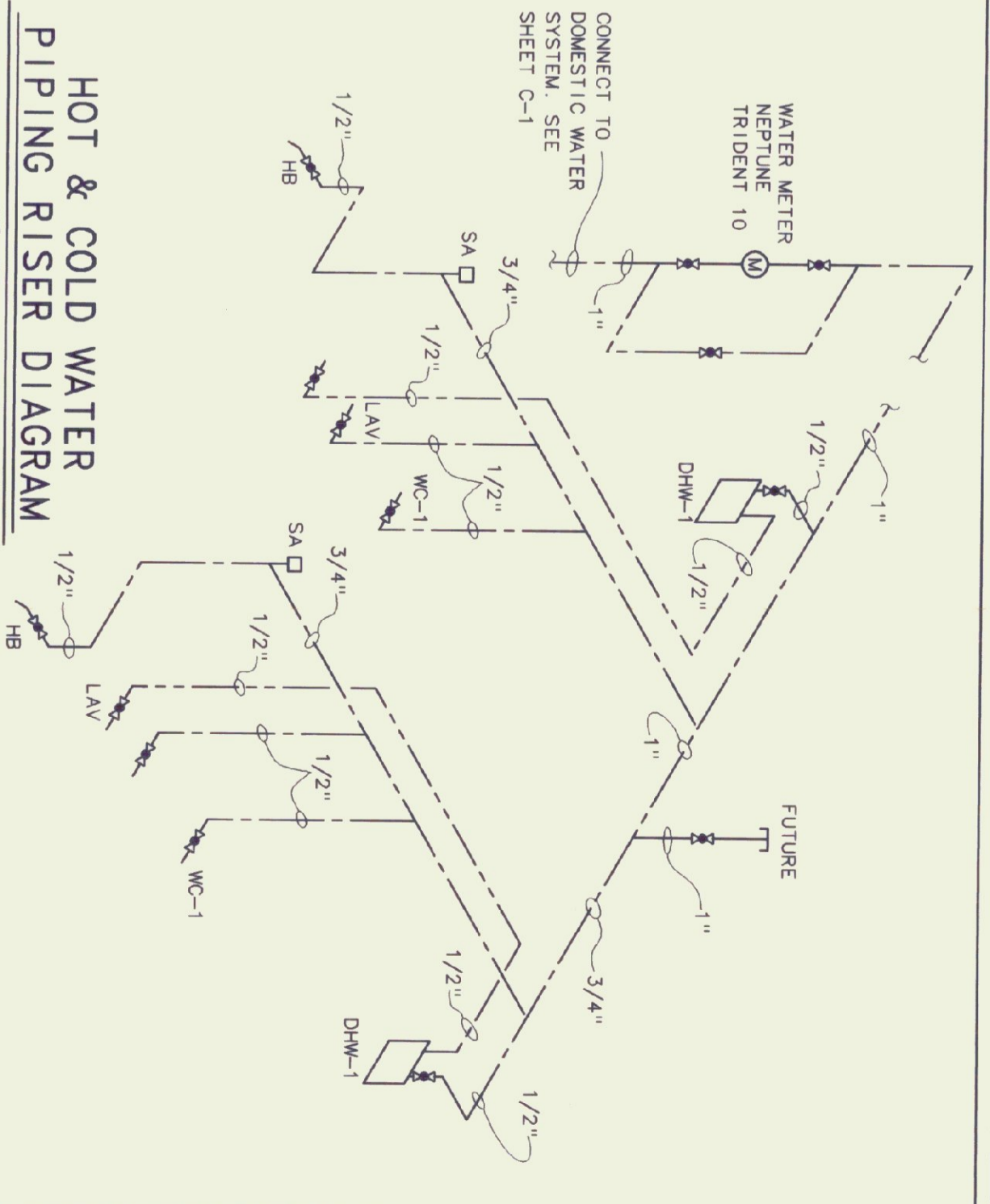


**MECHANICAL EQUIPMENT SCHEDULE**

KEY	DESCRIPTION
EF-1	EXHAUST FAN, GREENHECK SPEEDO, 1/3HP, 120VAC, 535RPM, 5875CFM, .125" WALL MOUNT COLLAR, MOTOR SIDE GUARD.
F-1	FURNACE, OIL FIRED SUSPENDED, 280MBH INPUT, 224MBH OUTPUT, 2830CFM AIR BANNER, .33 STATIC, 3/4HP@120VAC, RETURN AIR FILTER SECTION, JACKSON & CHURCH MODEL DL-280-523
L1	COMBINATION LIQUID/MOTOR OPERATED DAMPER, 60" WIDE x 12" HIGH, VENT PRODUCTS MODEL 220, EXHAUST ALUMINUM WITH BIRD SCREEN, ADJUST-O-VENT HARDWARE KIT #9027 AND DAMPER COLUMN 120VAC DAMPER ACTUATOR CAT# M418, INSTALL 18" AFF.
L2	SAME AS L-1 EXCEPT 30" WIDE x 30" HIGH.
L3	HOODED WALL CAP, BUILT-IN DAMPER, GREENHECK MODEL 642, 4" DIAMETER ROUND DUCT
P1	FUEL OIL TRANSFER PUMP, 25 GAL./HR. @ 100 PSI, 120VOLT, 1 PHASE, W/GAUGE SET, CHECK VALVE, RELIEF VALVE, BY PASS, BACKPRESSURE REGULATOR, DUPLEX STRAINER, LEVER GATE VALVE W/VISIBILE LINK, MOTOR STARTER AND HOSES HOUR METER, PREFERRED UTILITIES MANUFACTURER COPP. OR EQUAL, DOUBLE FOOT POPPET VALVE IN TANK, PREFERRED UTILITIES TYPE 22 OR EQUAL, PROVIDE VACUUM GAUGE W/SHUT-OFF AT PUMP INLET.
SD	SUPPLY DIFFUSER, DOUBLE DEFLECTION, SIZE 24"W x 12"H, Hvy DTY ALUMINUM 4.3/8" DEEP WITH OPPOSED BLADE DAMPER, METALALIRE H4154.

**PLUMBING FIXTURE SCHEDULE**

ITEM	MANUFACTURER & MODEL	TRIM & ACCESSORIES	CONNECTION SIZES			REMARKS
			WASTE	VENT	CW	
WH	ARISTON POINT OF USE DOMESTIC WATER HEATER 2.5 GAL., 120 VOLT 1350 WATTS, MODEL P-10S	3/4" PRESSURE RELIEF VALVE			1/2"	PROVIDE PAN UNDER WATER HEATER. INSTALL ABOVE CIELING.
FD	FLOOR DRAIN MADE #M-1102-STD-5	VACUUM BREAKER BACKFLOW PREVENTER	2"	2"		
HB	WOODFORD 24P				1/2"	
LAV	AMERICAN STANDARD COMPACT LAVATORY CAT# 0124 024, 4" CENTERS	AM. STD. #2385.002 W/GRID DRAIN SUPPLIES WITH STOP 1.1/4" TRAP - OFFSET	1-1/4"	1-1/2"	1/2"	WHITE TRUBRO LAV-GUARD INSULATION KIT #102MH/105W
SA	SHOCK ABSORBER	MADE W-5	4"	2"	3/4"	
WC-1	AMERICAN STANDARD NEW CADET 18" RIM, ELONGATED ASSI STD. CAT# 2168.128	SEAT - OLSONITE #95 OPEN FRONT - LESS COVER			3/8"	

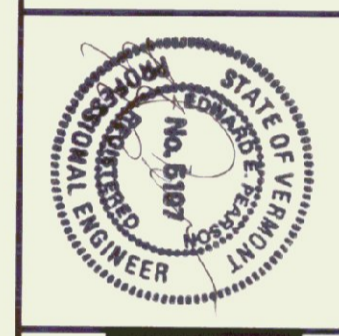


STATE OF VERMONT  
 DEPARTMENT OF STATE BUILDINGS  
 AGENCY OF ADMINISTRATION  
 VERMONT

MONTPELLIER

Agency of Transportation  
 HUNTINGTON HANGER  
 Berlin, Vermont

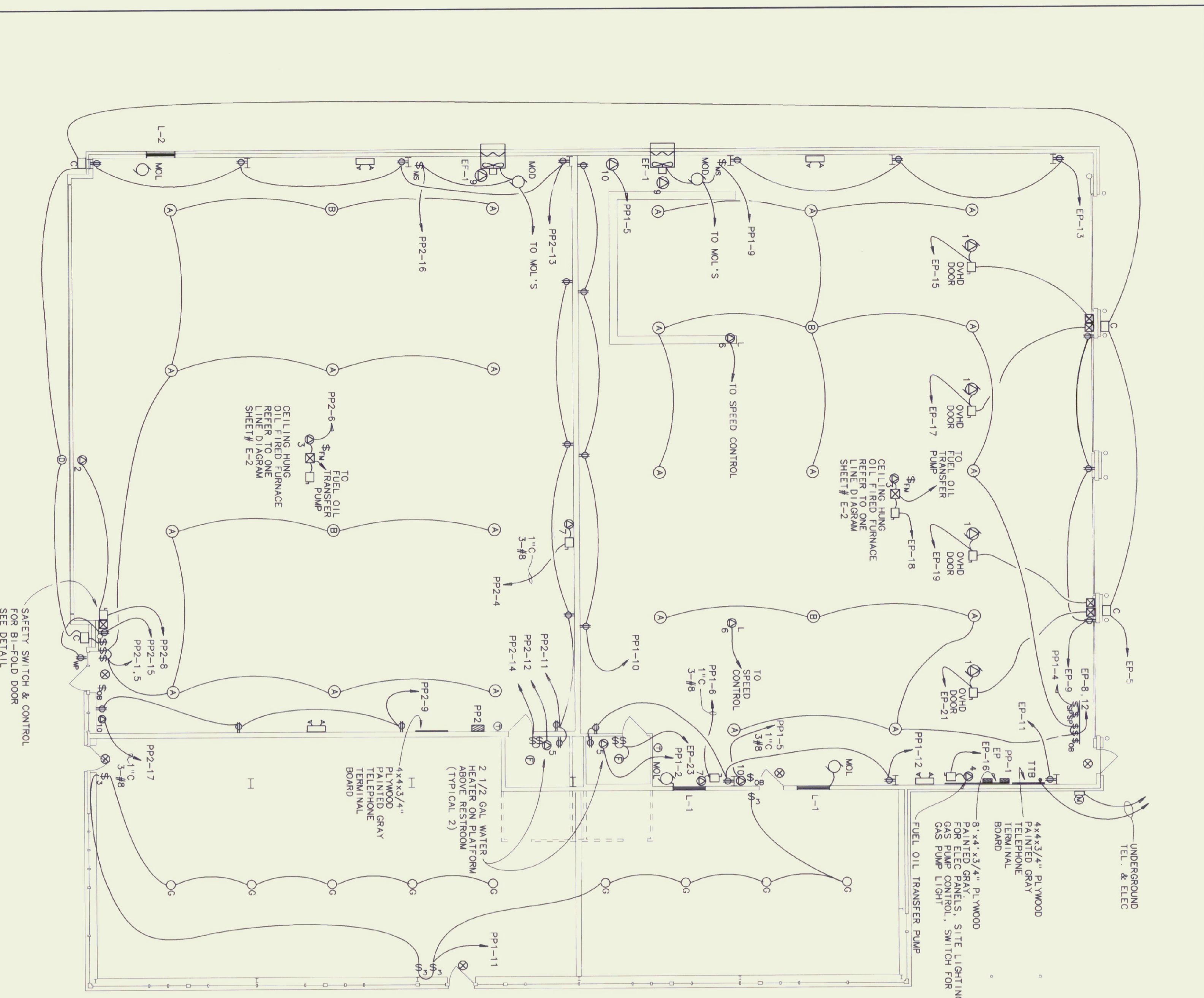
**MECHANICAL PLANS AND DETAILS**



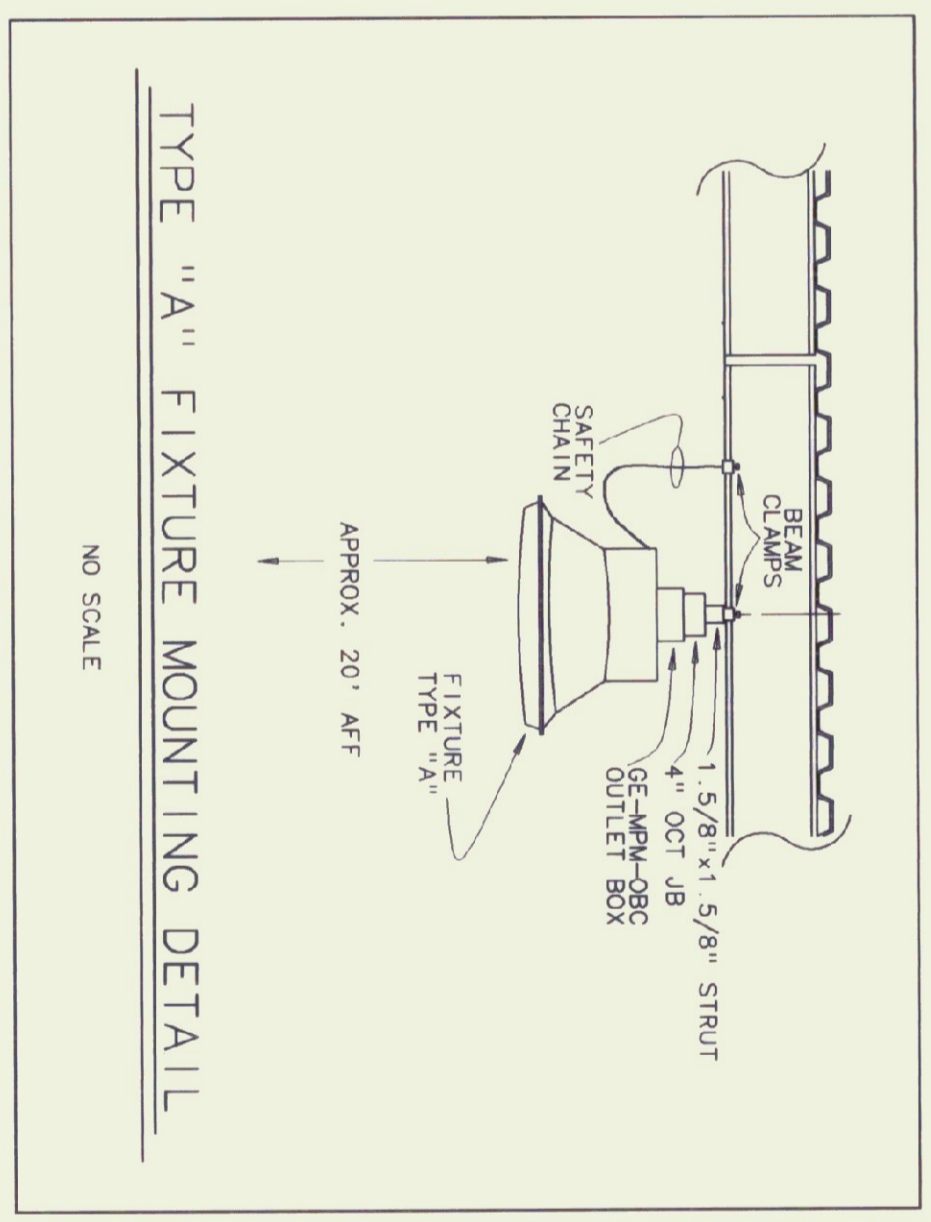
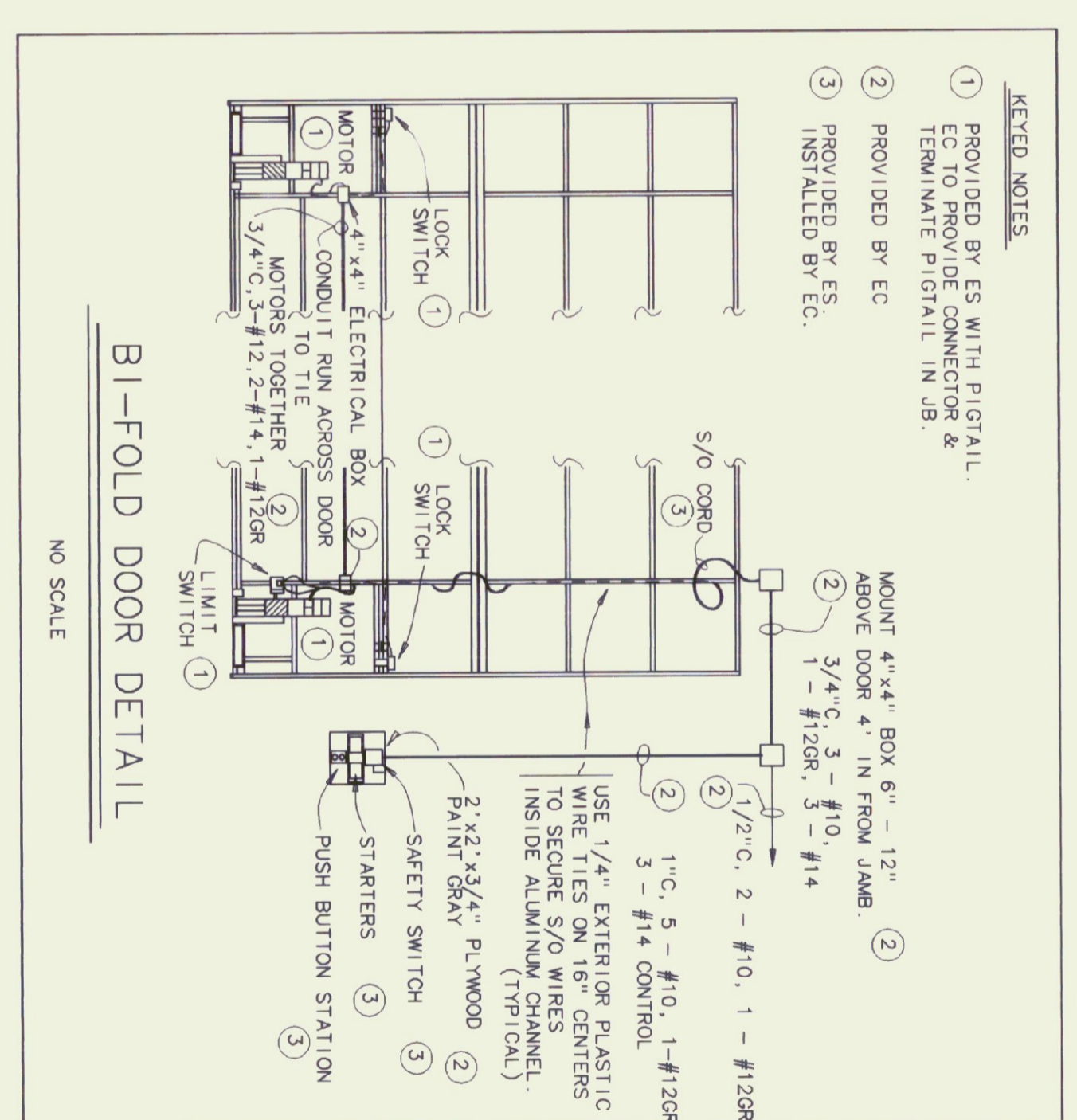
**Pearson & Associates**  
 MECHANICAL & ELECTRICAL ENGINEERS  
 P.O. BOX 610 STOWE, VERMONT 05672  
 TEL. (802) 253-9607 FAX. (802) 253-9290

**Gossens Bachman**  
 Architecture and Interior Design  
 Gossens Bachman, Inc.  
 18 Langdon Street  
 Montpelier, VT 05602  
 (802) 228-1864

DATE:	11/11/92	SCALE:	AS SHOWN	REVISIONS:	11/14/95	CAD FILE:	P-HH-M1	DWG NO.:	M-1
DRAWN BY:	B.W.M.	APPROVED BY:	E.E.P.	SHEET:					



**ELECTRICAL PLAN**  
SCALE IN FEET  
0 5 10 15 20 25



KEY	DESCRIPTION	SUPPLIED BY	INSTALLED BY	COND. EXP. PROVIDED	VOLTS	AMPS	TYPE	STARTER PROVIDED BY	INSTALLED BY	ELECTRICAL DISCONNECT TYPE	PROVIDED BY	REMARKS
01	OVERHEAD DOOR	GC	GC	-	120	10	MAG	ES	EC	20A-1P	EC	CONTROL WIRING BY EC
02	BI-FOLD DOOR	GC	GC	-	240	10	MAG	MC	EC	30A-2P	EC	CONTROL WIRING BY EC
03	OIL FURNACE	MC	MC	-	120	5	CONTR.	MC	EC	20A-1P	EC	CONTROL BY MC
04	FUEL OIL TRANSFER PUMP	MC	EC	120	10	MAG	MC	EC	EC	20A-1P	EC	1/2" C.-2#14 TO RILANCE
05	WATER HEATER	PC	EC	120	12.5	-	-	EC	EC	20A-1P	EC	VARIABLE SPEED CONTROL
06	CEILING FAN	EC	EC	120	0.6	-	SPEED CONTROL	EC	EC	15A-1P	EC	CONTROL BY MC
07	AIR COMPRESSOR	ES	ES	240	28	-	MAG	ES	EC	30A-2P	EC	CONTROL BY TH. NEC 514
08	FUEL PUMP	ES	ES	120	14	-	CONTR. W/ PILOT LIGHT	EC	EC	30A-2P	EC	CONTROL BY TH. NEC 514
09	EXHAUST FAN	MC	MC	240	10	MAG	-	EC	EC	30A-2P	EC	CONTROL BY TH. NEC 514
10	WELDER OUTLET - 50 AMP	EC	EC	6-50R	50	-	-	EC	EC	14-50P	EC	CONTROL BY TH. NEC 514
11	TRANSFER SWITCH W/RECEPT.	EC	EC	14-50R	60	-	-	EC	EC	14-50P	EC	CONTROL BY TH. NEC 514

**SPECIAL PURPOSE OUTLET SCHEDULE**

**LEGEND**

**LUMINAIRES**

- FLUORESCENT LIGHT
- FLUORESCENT LIGHT
- CEILING LIGHT
- WALL LIGHT
- EXIT LIGHT - WALL
- EMERGENCY LIGHT - DOUBLE HEAD

**WALL SWITCHES**

- SWITCH + 50" AFF
- THREE WAY SWITCH
- FIREMATIC SWITCH - AT CEILING
- MANUAL MOTOR STARTER
- OIL BURNER SAFETY SWITCH
- SWITCH W/ PILOT LIGHT
- SWITCH - SPEED CONTROL

**WALL RECEPTACLES**

- DUPLX OUTLET +42" AFF
- SPLIT WIRED DUPLX OUTLET
- SINGLE SPECIAL PURPOSE OUTLET

**MISCELLANEOUS EQUIPMENT**

- MOTOR STARTER
- SAFETY SWITCH
- PUSH BUTTON STATION
- ELECTRIC PANEL BOARD
- MOTOR
- TIME SWITCH
- BRANCH CIRCUIT
- ELECTRIC METER

**ABBREVIATIONS**

- AFF ABOVE FINISHED FLOOR
- EC ELECTRICAL CONTRACTOR
- ES EQUIPMENT SUPPLIER
- GC GENERAL CONTRACTOR
- MC MECHANICAL CONTRACTOR
- PC PLUMBING CONTRACTOR
- OMP GREEN MOUNTAIN POWER
- GR GROUND
- GRC GALVANIZED RIGID CONDUIT
- JUNCTION BOX
- MOD MOTOR OPERATED DAMPER
- MOL MOTOR OPERATED LOUVER
- TTB TELEPHONE TERMINAL BOARD



**Pearson & Associates**  
MECHANICAL & ELECTRICAL ENGINEERS  
P.O. BOX 610 STONE, VERMONT 05612  
TEL. (802) 253-9607 FAX. (802) 253-9290

**Gossens Bachman**  
Architecture and Interior Design  
Gossens Bachman, Inc.  
18 Langdon Street  
Montpelier, VT 05602  
(802) 229-1664

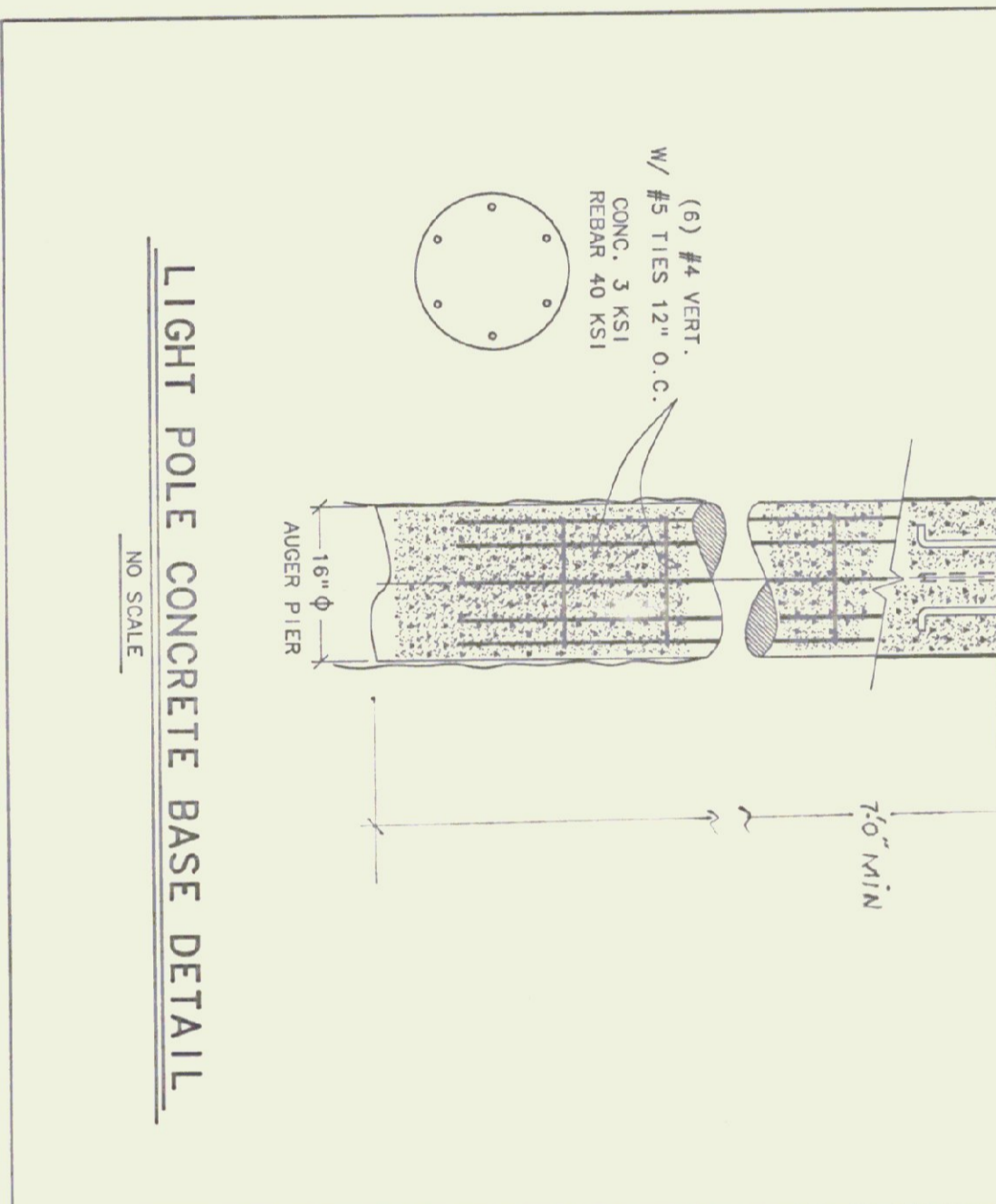
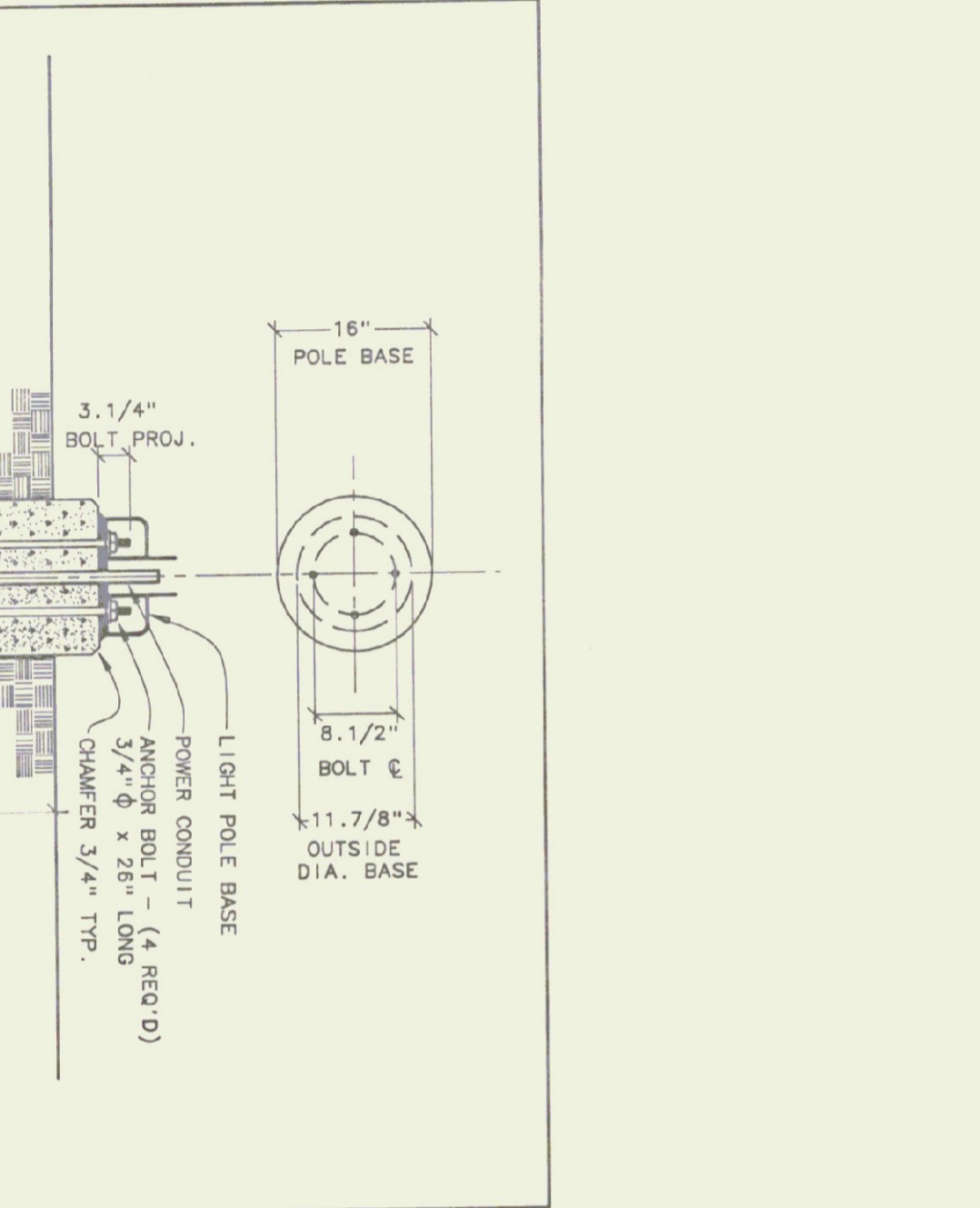
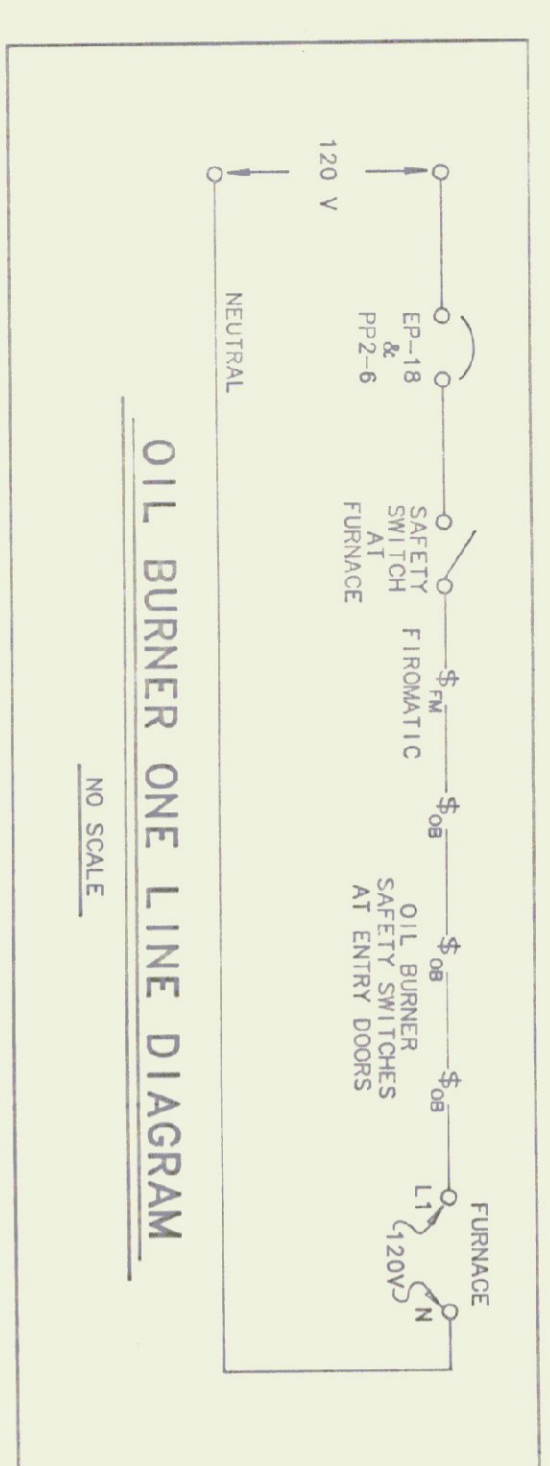
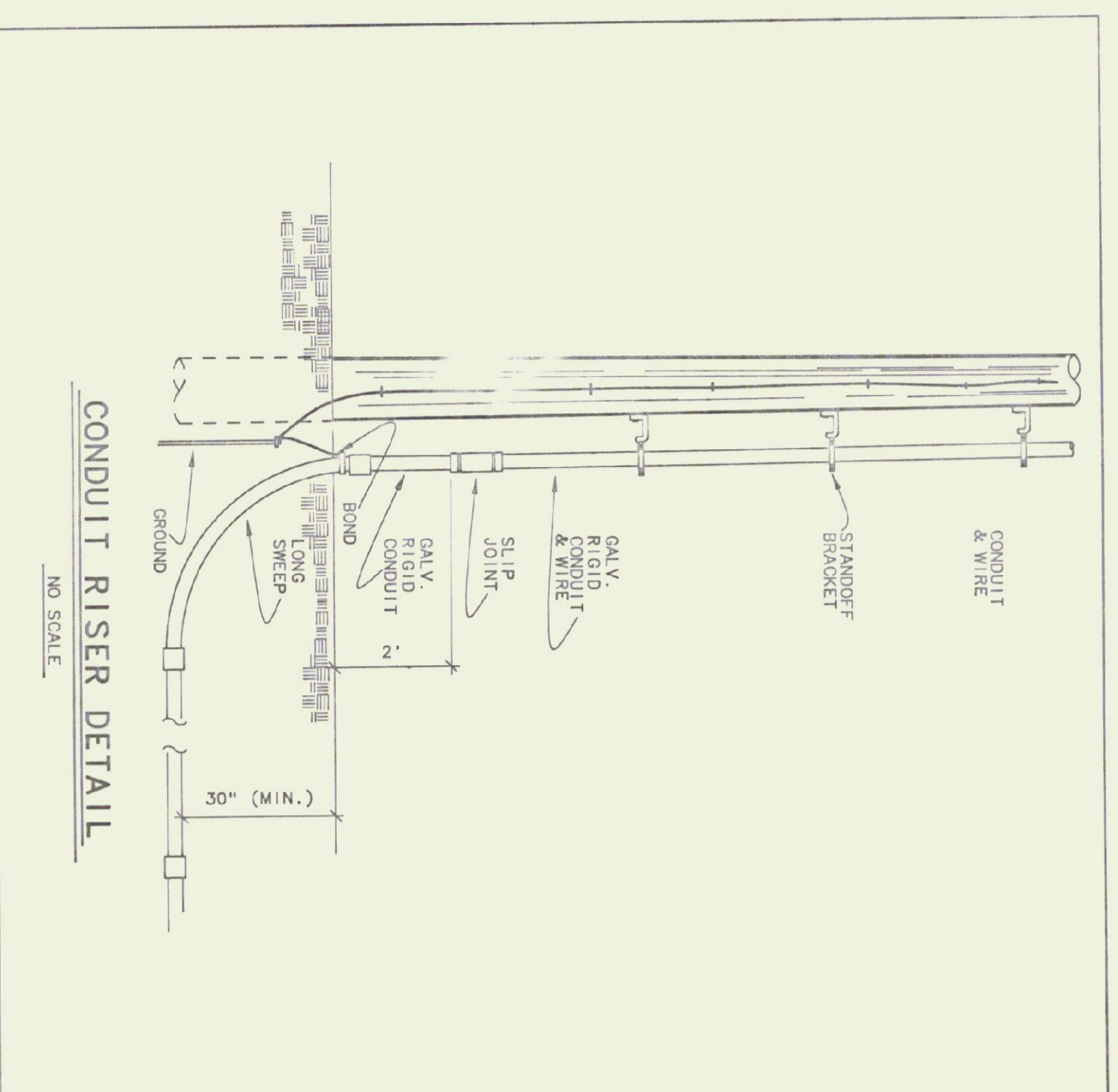
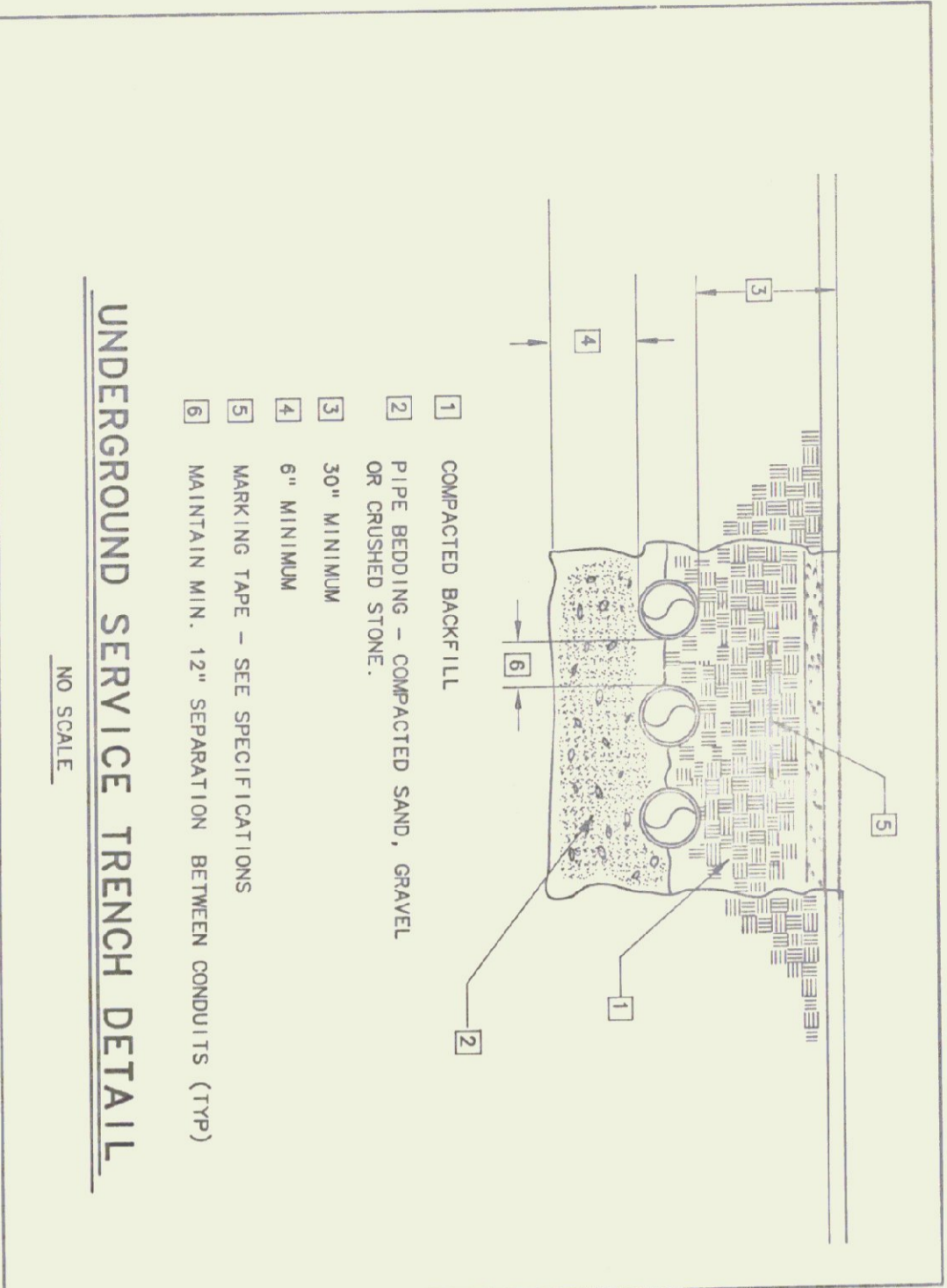
STATE OF VERMONT  
DEPARTMENT OF STATE BUILDINGS  
AGENCY OF ADMINISTRATION

Agency of Transportation  
**HUNTINGTON HANGER**  
Berlin, Vermont

**ELECTRICAL PLANS AND DETAILS**

DATE: 11/11/92 SCALE: AS SHOWN REVISIONS: 11/14/95 CAD FILE: P-HH-E1  
DRAWN BY: B.W.M. APPROVED BY: E.E.P. SHEET: 6/23/97 AS BUILT SHEET OF 1

VERMONT



PANEL DESIGNATOR

PANEL: EP  
MOUNTING: SURFACE  
MANS: 125AMP M.C.O. 120/240, 1 PHASE, 3 WIRE  
CONNECTED LOAD: 14 KW

CKT NO.	KW LOAD	DESCRIPTION	BREAKER		DESCRIPTION	KW LOAD	CKT NO.
			P AMP	P AMP			
1	1.3	GAS PUMP	1	25	GAS PUMP LIGHT	2	2
3		(NEUTRAL DISCONNECT)	-	-	(NEUTRAL) DISCONNECT	-	4
5	1.2	EXTERIOR BLDG. LIGHTS	1	20	EXTERIOR BLDG. LIGHTS	1	6
7		(FUTURE) SECURITY SYSTEM	1	20	SECURITY SYSTEM	1	8
9	1.0	OUTLETS	1	GFI	OUTLETS	1	10
11	1.0	OUTLETS	1	GFI	OUTLETS	1	12
13	1.0	OUTLETS	1	GFI	OUTLETS	1	14
15	.5	OVERHEAD DOOR	1	20	FUEL OIL TRANSFER PUMP	.5	16
17	.5	OVERHEAD DOOR	1	20	FURNACE	.5	18
19	.5	OVERHEAD DOOR	1	20	ENTRANCE GATE	.5	20
21	.5	OVERHEAD DOOR	1	20	WATER PUMP	1.0	22
23	.2	FANLIGHT	1	20	SPACE	-	24
25		SPACE	1	20	SPACE	-	26
27		SPACE	1	20	SPACE	-	28
29		SPACE	1	20	SPACE	-	30

PANEL DESIGNATOR

PANEL: PP1  
MOUNTING: SURFACE  
MANS: 200 AMP MAIN CIRCUIT BREAKER, 120/240 1PHASE, 3 WIRE  
CONNECTED LOAD: 34 KW

CKT NO.	KW LOAD	DESCRIPTION	BREAKER		DESCRIPTION	KW LOAD	CKT NO.
			P AMP	P AMP			
1	1.4	PANEL EP	2	60	WATER HEATER	1.4	2
3		-	-	-	CEILING FANS	2	4
5	8.0	WELDING OUTLET	2	50	AIR COMPRESSOR	3.0	6
7		-	-	-	EXHAUST FAN	1.0	8
9	.5	EXHAUST FAN	1	15	OUTLETS	1.0	10
11	.5	LIGHTING	1	20	OUTLETS	1.0	12
13	2.5	SITE LIGHTING	2	20	SPACE	-	14
15		SPACE	1	20	SPACE	-	16
17		SPACE	1	20	SPACE	-	18
19		SPACE	1	20	SPACE	-	20
21		SPACE	1	20	SPACE	-	22
23		SPACE	1	20	SPACE	-	24
25		SPACE	1	20	SPACE	-	26
27		SPACE	1	20	SPACE	-	28
29		SPACE	1	20	SPACE	-	30
31		SPACE	1	20	SPACE	-	32
33		SPACE	1	20	SPACE	-	34
35		SPACE	1	20	SPACE	-	36
37		SPACE	1	20	SPACE	-	38
39		SPACE	1	20	SPACE	-	40
41		SPACE	1	20	SPACE	-	42

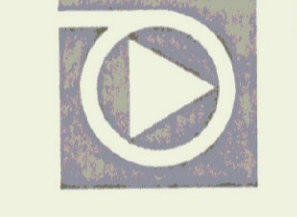
ELECTRICAL FIXTURE SCHEDULE

KEY	MANUFACTURE & MODEL	MOUNTING	LAMPS	VOLT	REMARKS
A	GE CROSS-STRIP SAFETY CHAIN	SEE DETAIL	28W. HPS	240	SAFETY CHAIN
B	SAME AS EXCEPT WITH AUTO SWITCHED		750 W/HPS		150W QUARTZ LAMP
C	KM W/SEK/60WPS-120CBP	WALL, SET ARCH	150W. HPS	120	PHOTOCELL CONTROL ELEVATION
D	HUGHES PHILIPS - ORBDAK1 RED SINGLE	4\"/>			

PANEL DESIGNATOR

PANEL: PP2  
MOUNTING: SURFACE  
MANS: 200 AMP MAIN CIRCUIT BREAKER, 120/240 1PHASE, 3 WIRE  
CONNECTED LOAD: 14.5 KW

CKT NO.	KW LOAD	DESCRIPTION	BREAKER		DESCRIPTION	KW LOAD	CKT NO.
			P AMP	P AMP			
1	1.7	LIGHTS	2	20	EXITT EMERG.	.1	2
3		-	-	-	AIR COMPRESSOR	5	4
5	1.7	LIGHTS	2	20	BI-FOLD DOOR	.75	6
7		OUTLETS	1	GFI	BI-FOLD DOOR	.75	8
9	1.0	OUTLETS	1	GFI	WATER HEATER	1.3	10
11	1.0	OUTLETS	1	GFI	FANLIGHT	.5	12
13	1.0	OUTLETS	1	GFI	EXHAUST FAN	.5	14
15	1.0	OUTLETS	1	GFI	EXHAUST FAN	.5	16
17	2.5	WELDING OUTLET	2	50	FURNACE	.4	18
19		SPACE	1	20	SPACE	-	20
21		SPACE	1	20	SPACE	-	22
23		SPACE	1	20	SPACE	-	24
25		SPACE	1	20	SPACE	-	26
27		SPACE	1	20	SPACE	-	28
29		SPACE	1	20	SPACE	-	30
31		SPACE	1	20	SPACE	-	32
33		SPACE	1	20	SPACE	-	34
35		SPACE	1	20	SPACE	-	36
37		SPACE	1	20	SPACE	-	38
39		SPACE	1	20	SPACE	-	40
41		SPACE	1	20	SPACE	-	42



**Pearson & Associates**  
MECHANICAL & ELECTRICAL ENGINEERS  
P.O. BOX 610 STOWE, VERMONT 05672  
TEL. (802) 253-9607 FAX. (802) 253-9290

**Gossens Bachman**  
Architects and Interior Design  
Gossens Bachman, Inc.  
10 Jackson Street  
Montpelier, VT 05602  
(802) 228-1664

STATE OF VERMONT  
DEPARTMENT OF STATE BUILDINGS  
AGENCY OF ADMINISTRATION

Agency of Transportation  
HUNTINGTON HANGER  
Berlin, Vermont

**ELECTRICAL DETAILS & SCHEDULES**

DATE: 11-11-92  
DRAWN BY: AS SHOWN  
B.W.M.

REVISIONS: 11-11-95  
CAD FILE: PS-HH-E2  
SHEET: OF

DWG NO. E-2

