

**COVINA-VALLEY**  
 UNIFIED SCHOOL DISTRICT  
 SIERRA VISTA MIDDLE SCHOOL  
 INTERIM HOUSING

**KPI**  
 KPI Architects Inc.  
 Architecture, Planning, Interior Design  
 650 East Parkridge Avenue, Suite 105  
 Corona, California 92679-1092  
 951-270-2579 Fax: 951-270-2547

**1 SITE PLAN**  
 SCALE: 1" = 40'-0"  
 NORTH

FOR REFERENCE ONLY

- GENERAL NOTES:**
- ENTIRE CAMPUS MODERNIZED UNDER A# 63123
  - CONTRACTOR TO RELOCATE EXISTING IRRIGATION CATCH BASINS ETC. CONFLICTING WITH LOCATION OF NEW RELOCATABLE BUILDING AND SIDEWALK UON.
  - CONTRACTOR TO REPAIR EXISTING GRADE DISTURBED DURING CONSTRUCTION. RESTORE DRAINAGE SLOPE RESOD AREAS USING VEGETATION CONSISTENT WITH SURROUNDING AREAS.
  - ALL CONCRETE TO BE 3000 PSI + 28 DAY DESIGN MIX UNLESS OTHERWISE NOTED.
  - ALL GRATES / VENTS SHALL HAVE 1/4" x 1/4" GALV. HARDWARE CLOTH MECHANICALLY FASTENED TO INSIDE SURFACE FOR COMPLIANCE WITH VERMIT TIGHT INSTALLATION.
  - GRADE UNDER BUILDING SHALL COMPLY WITH MANUFACTURED BUILDING FOUNDATION CONSTRAINTS.
  - NEW GATES IN PATH OF TRAVEL SHALL HAVE SIGN WHICH READS "GATES TO REMAIN LOCKED OPEN DURING SCHOOL HOURS AND DURING PUBLIC ACTIVITIES" LETTERS TO BE 1" TALL CAPITALIZED TEXT. QUANTITY: 1 FIELD VERIFY LOCATIONS.

**PARKING DATA**

STANDARD STALL	61
ACCESSIBLE STALLS	3 INCLUDES 1 VAN
TOTAL STALLS	64

ADDRESS: SIERRA VISTA MIDDLE SCHOOL  
 777 EAST PUENTE AVENUE  
 COVINA, CALIFORNIA 91723

**LOCAL FIRE AUTHORITY'S APPROVAL**

A. Fire Department access, Egress and Gate Entrances Have Been Reviewed for Compliance with Section 3.05 and 3.16, Title 19.  
 B. Fire-Flow and Fire Hydrants Have Been Reviewed for Compliance with State Appendices III-BB, Part 9, Title 24.  
 C. Relocatable(s) Is/are for "short-term" or "long term" use.

Print Name and Title of Review \_\_\_\_\_  
 Fire Department Name \_\_\_\_\_  
 Address \_\_\_\_\_ Phone Number \_\_\_\_\_  
 Reviewer's Signature \_\_\_\_\_ Date \_\_\_\_\_

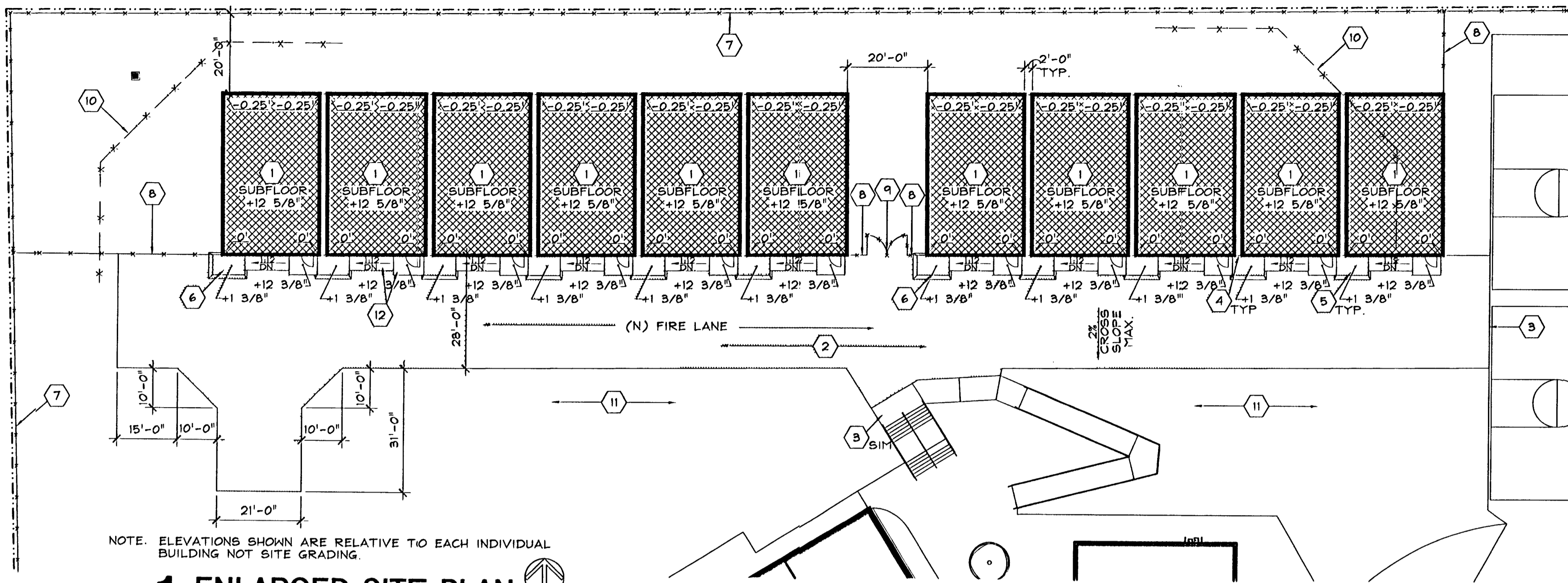
**LEGEND:**

- PATH OF TRAVEL AS INDICATED IS A BARRIER FREE ACCESS WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" AT 12 MAX SLOPE EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL. MAXIMUM CROSS SLOPE 2% TYPICAL. THE CONTRACTOR SHALL VERIFY THAT ALL BARRIERS ON THE INDICATED PATH OF TRAVEL HAVE BEEN REMOVED.
- [Cross-hatched box] NEW RELOCATABLE BUILDING
- [Dotted box] ACCESSIBLE TOILETS
- [Solid box] EXISTING BUILDING
- [Hatched box] NEW ASPHALT PAVING
- [Triangle] ACCESSIBLE ENTRANCE

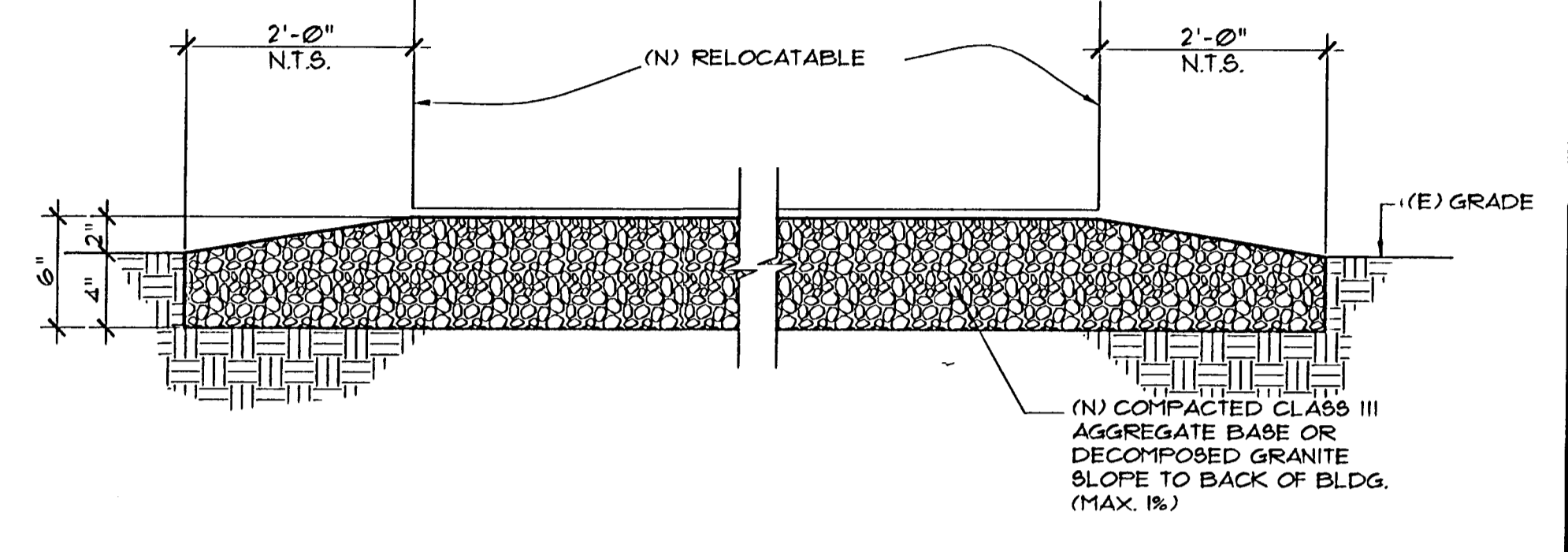
PROJECT NO.:	209800	DATE:	10-29-03
<b>SITE PLAN</b>			

IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 03-107443  
 AC, FK, FLS, SV, SS, ASD  
 DATE: DEC 17 2003  
 DSA STAMP

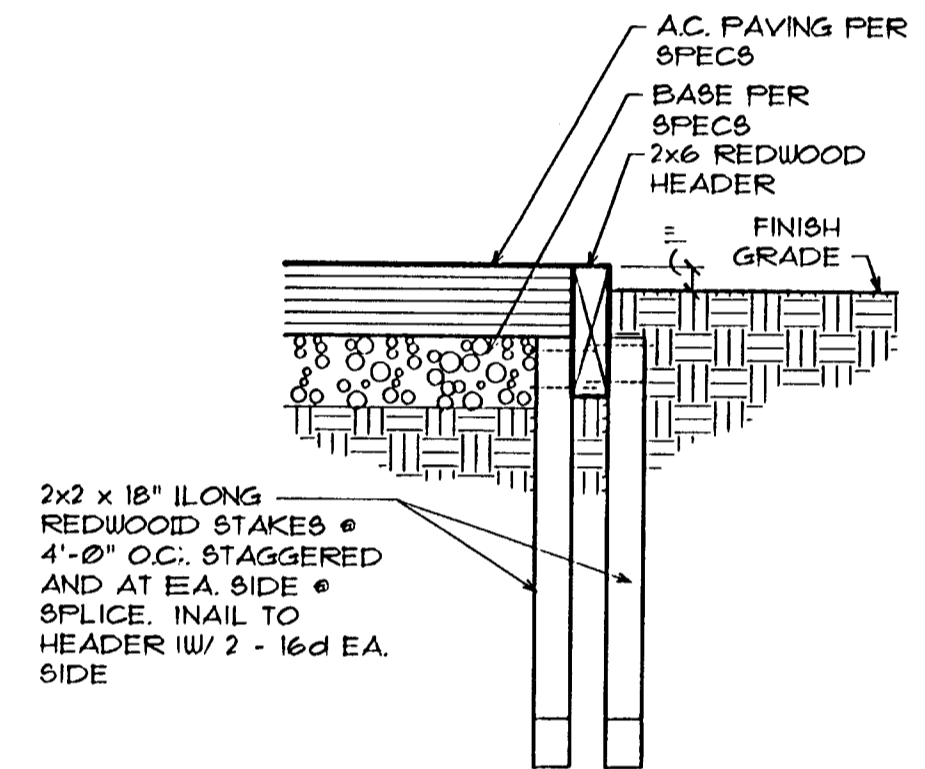
A1.1



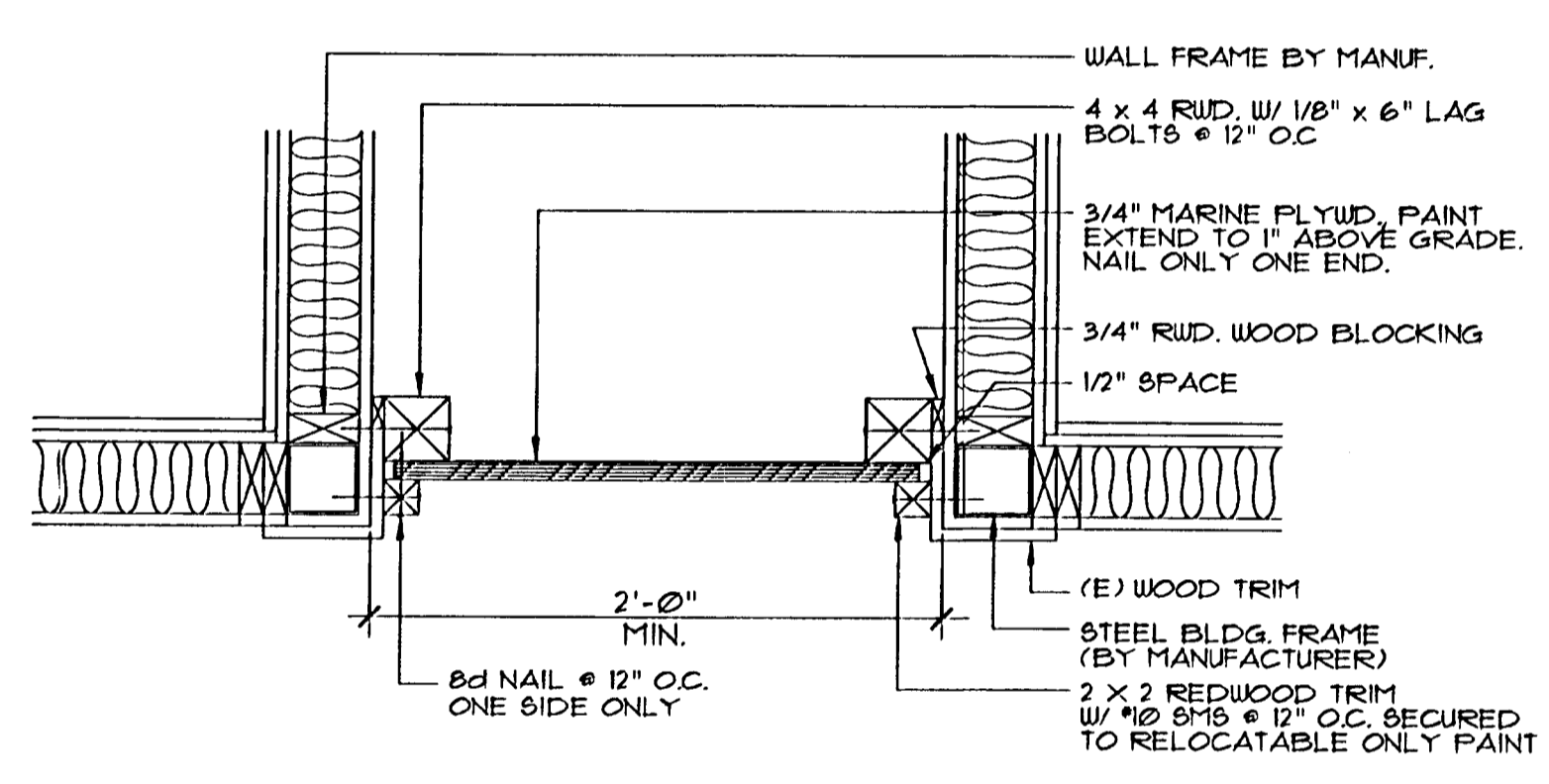
**1 ENLARGED SITE PLAN**  
SCALE: 1" = 20'-0"



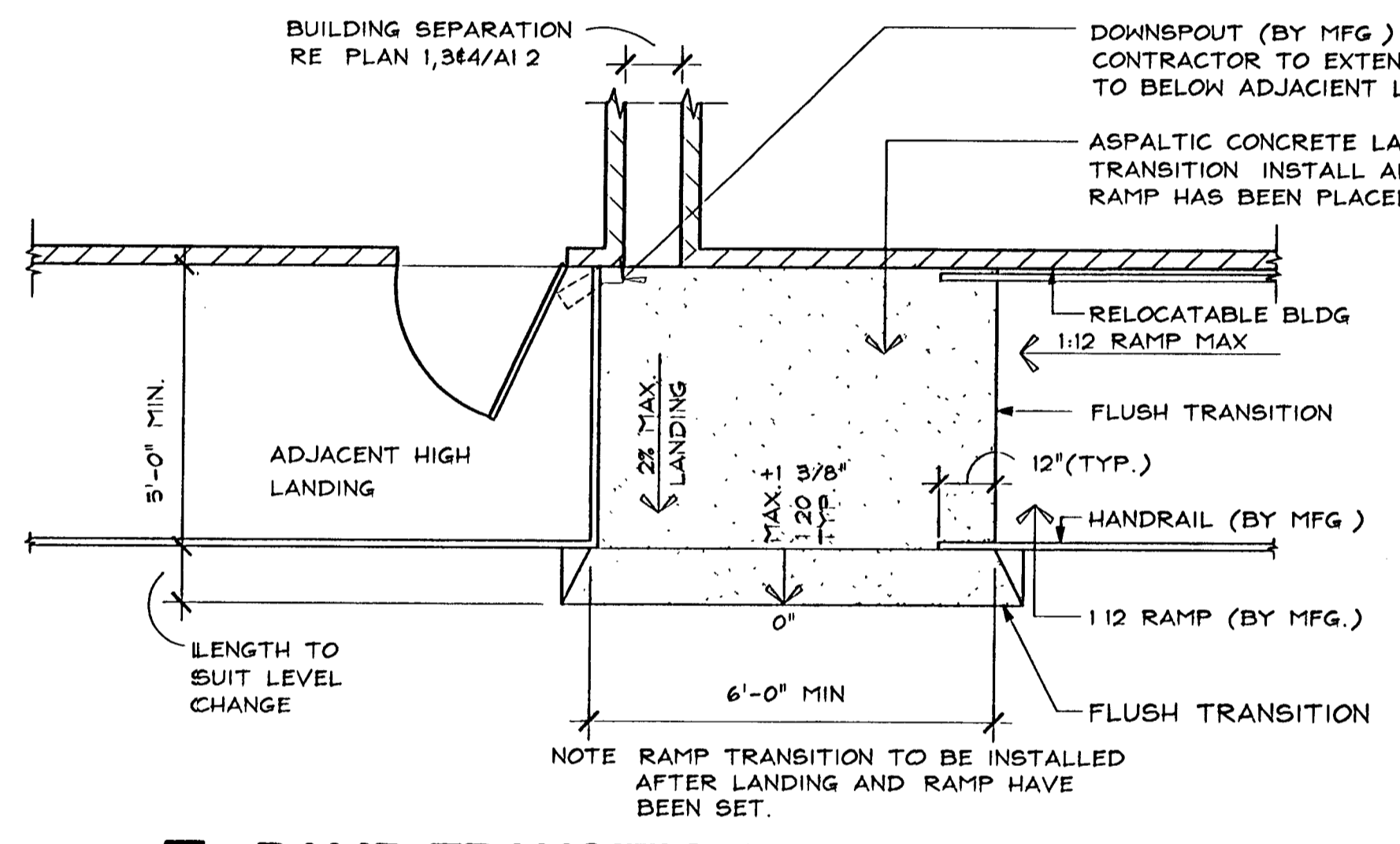
**2 BUILDING PAD**  
SCALE: 1 1/2" = 1'-0"



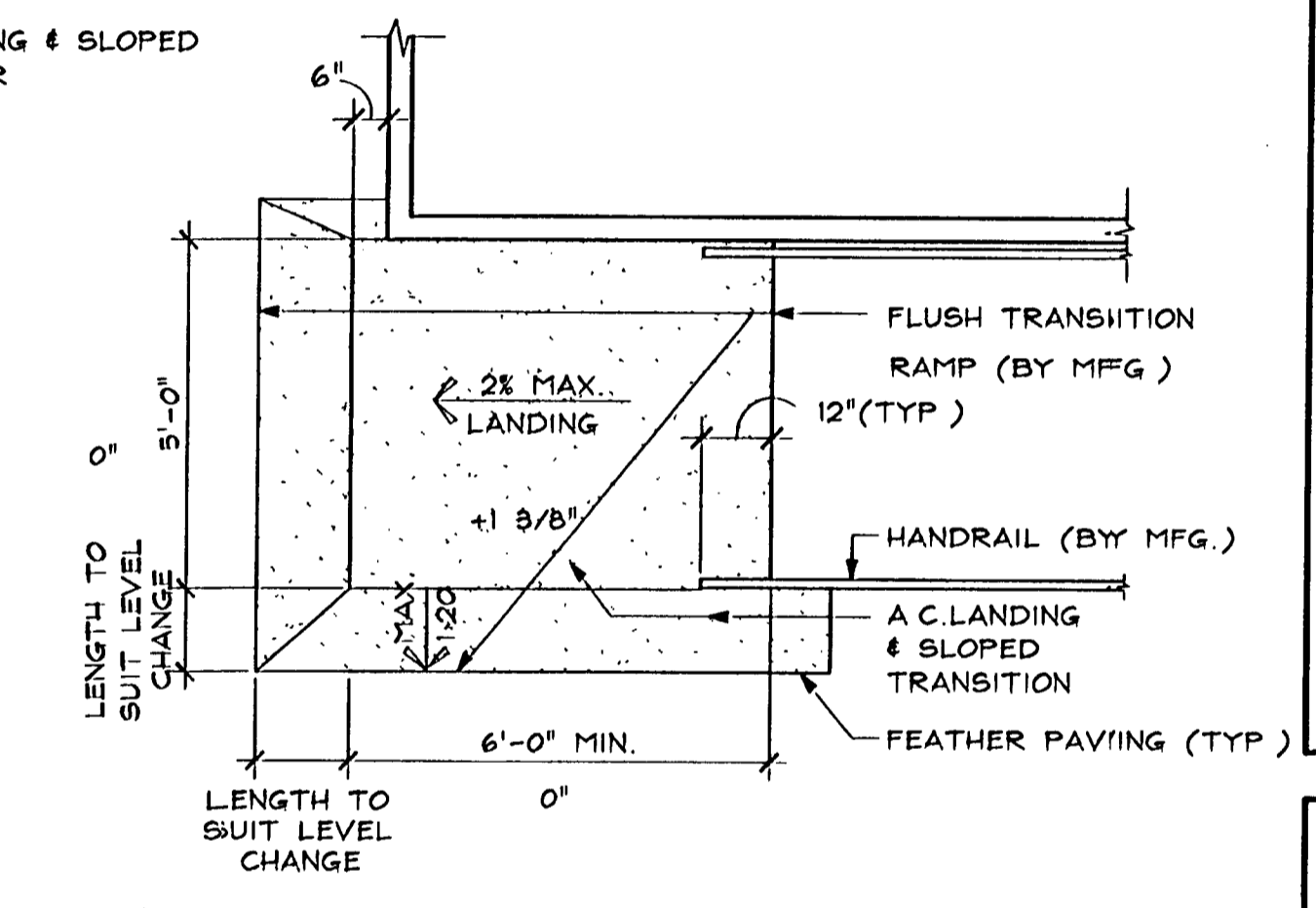
**3 ASPHALT HEADER**  
SCALE: 1 1/2" = 1'-0"



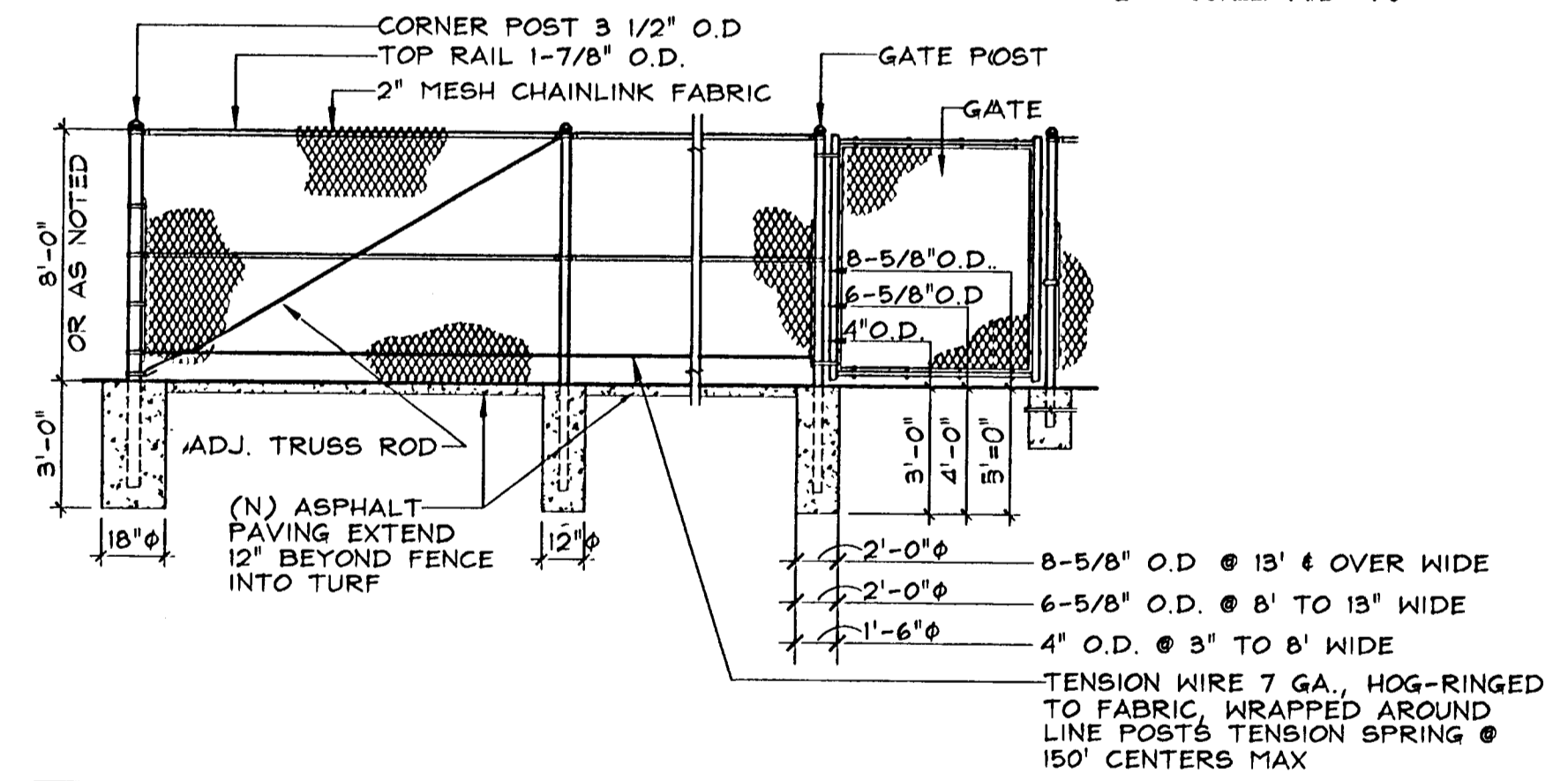
**4 CLOSURE PANEL**  
SCALE: 1 1/2" = 1'-0"



**5 RAMP TRANSITION - TYPE A**  
SCALE: 3/8" = 1'-0"



**6 RAMP TRANSITION - TYPE B**  
SCALE: 3/8" = 1'-0"

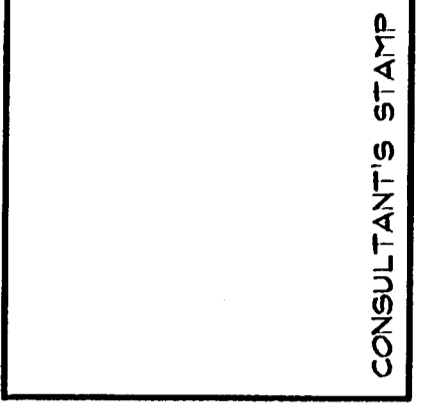
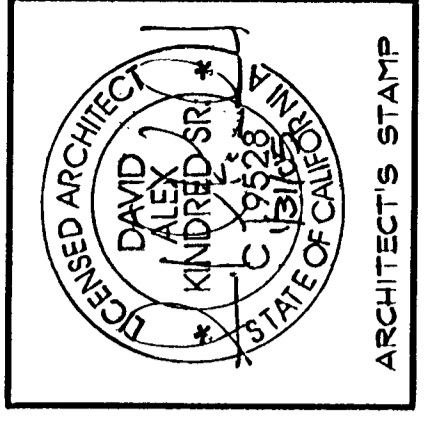


**7 CHAINLINK FENCE**  
SCALE: 1/4" = 1'-0"

- KEYNOTES:**
- 24' x 40' RELOCATABLE CLASSROOM BUILDING FURNISHED AND INSTALLED BY DISTRICT, RE: 2/A12 FOR BUILDING PADS.
  - NEW ASPHALT PAVING, RE: 3/A12.
  - EXISTING PAVING TO REMAIN. PROVIDE FLUSH TRANSITION AT NEW PAVING PATCH PAVING WHERE DISTURBED DURING CONSTRUCTION.
  - NEW CLOSURE PANEL, RE: 4/A12.
  - NEW RAMP TRANSITION, TYPE A, RE: 5/A12.
  - NEW RAMP TRANSITION, TYPE B, RE: 6/A12.
  - EXISTING CHAIN LINK FENCE TO REMAIN.
  - NEW TEMPORARY 8'-0" HIGH CHAIN LINK FENCE, RE: 7/A12 SIM.
  - NEW PAIR OF 4'-0" WIDE CHAIN LINK GATES, RE: 7/A12.
  - REMOVE AND STORE EXISTING CHAIN LINK BACKSTOP PER DISTRICT DIRECTIVES.
  - ADD SOIL AS REQUIRED. TO PROVIDE A MAXIMUM 1" DROP FROM TOP OF NEW ASPHALT, FINE GRADE AREA AS REQUIRED.
  - RAMP FURNISHED AND INSTALLED BY DISTRICT PRIOR TO INSTALLATION OF ASPHALT RAMP TRANSITIONS.

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03-107453  
ACK. FILED BY SS [Signature]  
DATE: DEC 17 2003  
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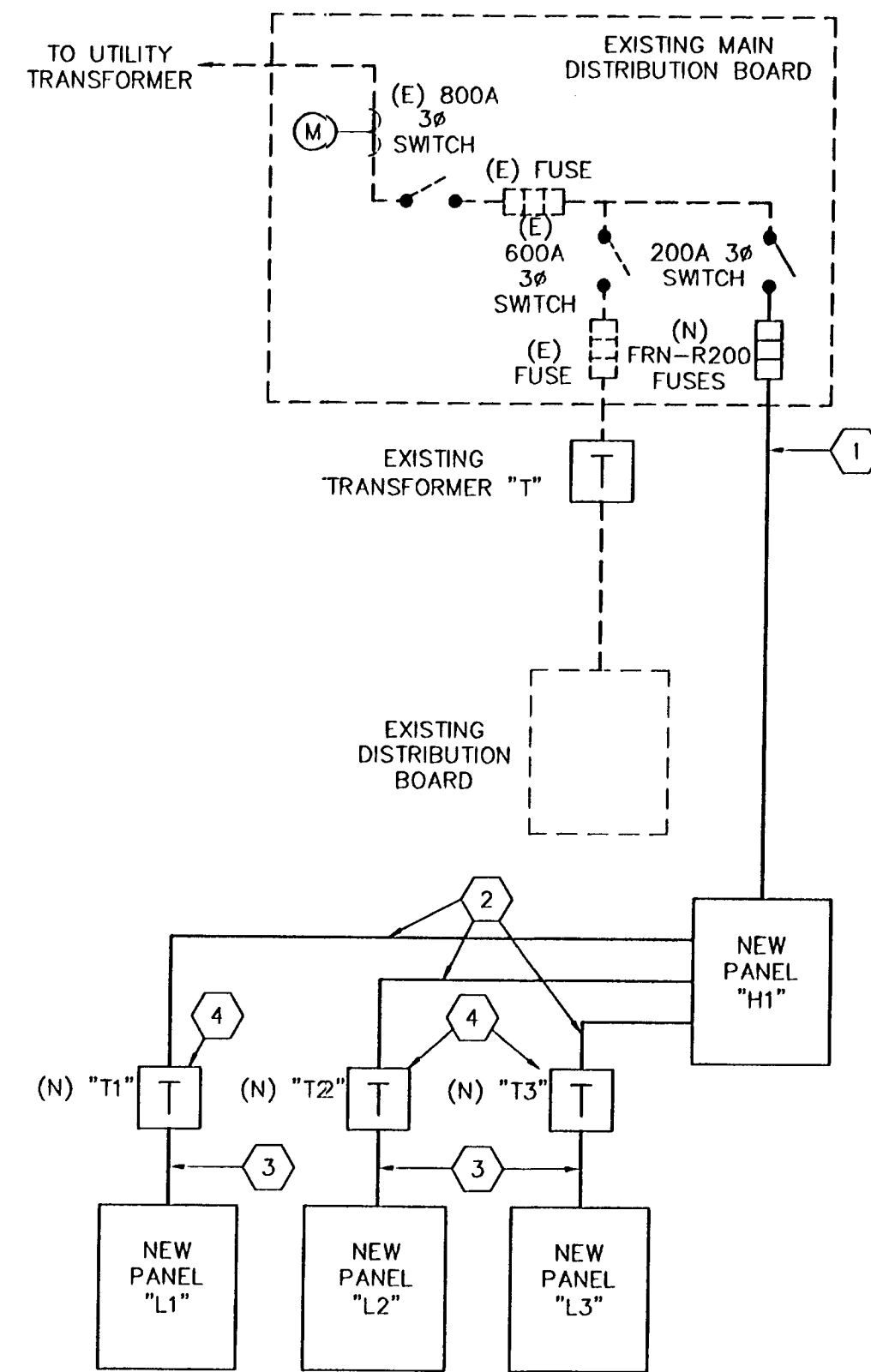
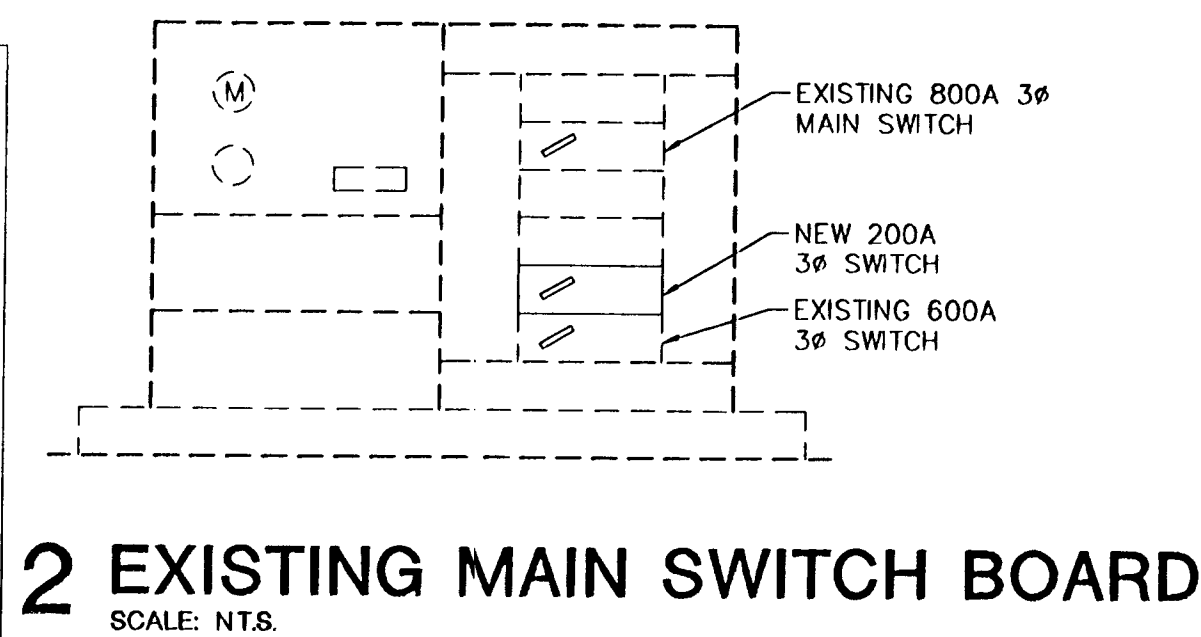
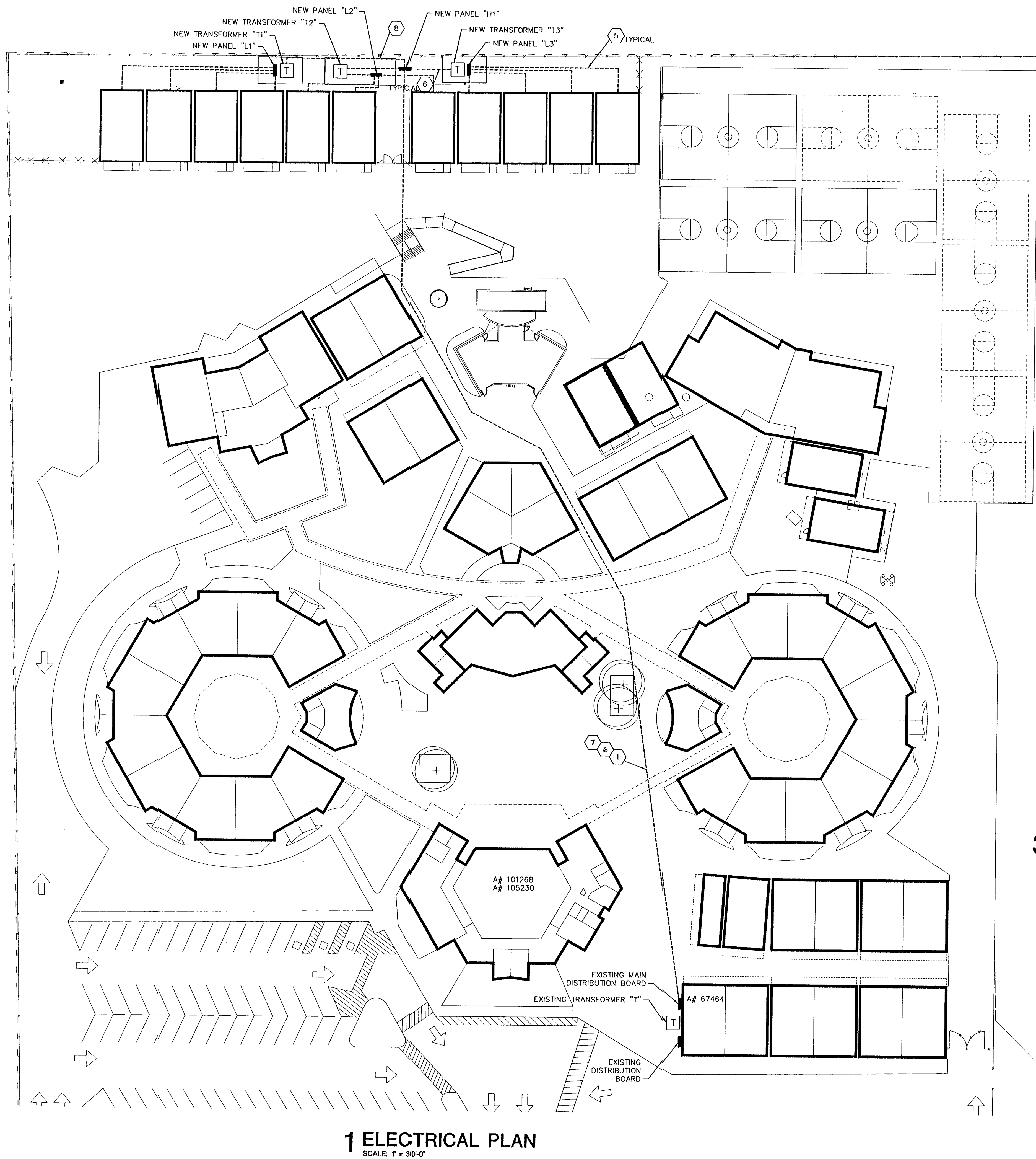
PROJECT NO.: 2098001 DATE: 10-29-03  
ENLARGED SITE PLAN & DETAILS  
**A1.2**



**CONVINA-VALLEY**  
UNIFIED SCHOOL DISTRICT  
SIERRA VISTA MIDDLE SCHOOL  
INTERIM HOUSING

KPI Architects Inc.  
Architecture, Planning, Interior Design  
650 East Paradise Avenue, Suite 105  
Covina, California 91724-1022  
909-970-6579 Fax: 909-970-0547

FOR REFERENCE ONLY



**KEYNOTES:**  
**ELECTRICAL PLANS**

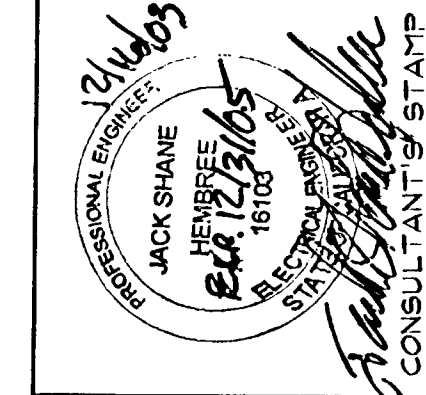
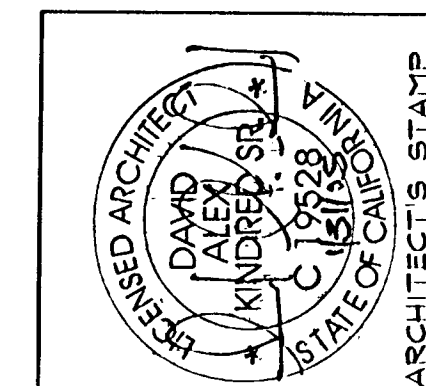
NOT ALL KEYNOTES MAY BE USED ON THESE DRAWINGS. REFER TO GENERAL NOTES FOR ADDITIONAL INSTRUCTIONS AND DIRECTIVES.

- 3" C, WITH 3 #350 KCML CU, 1 #2 CU GROUND.
- 1 1/4" C, WITH 2 #1 CU, 1 #6 CU GROUND.
- 1 1/2" C, WITH 3 #1 CU, 1 #6 CU GROUND.
- 50 KVA TRANSFORMER 480V 1 $\phi$  2W PRIMARY, 120/240V, 1  $\phi$ , 3W SECONDARY. SQUARE D<sup>®</sup> 50534 OR APPROVED EQUAL.
- PROVIDE AND INSTALL 1 1/2" C, 3 #1 CU, 1 #8 CU GROUND.
- REFER TO 1/E11 FOR TRENCHING INFORMATION.
- PROVIDE INGROUND PULL BOXES AS REQUIRED, REFER TO 2/E11.
- PROVIDE CONCRETE PAD, REFER TO 3/E11.

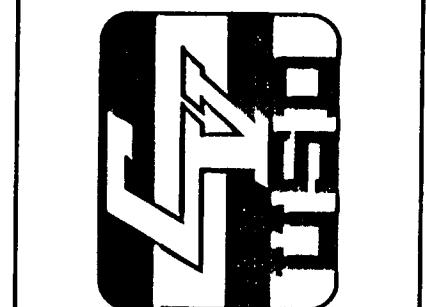
**ELECTRICAL LEGEND:**

T PAD MOUNTED TRANSFORMER  
--- CONDUIT ROUTED UNDERGROUND OR CONCEALED BELOW GRADE LEVEL  
- ELECTRICAL PANEL OR DISTRIBUTION BOARD

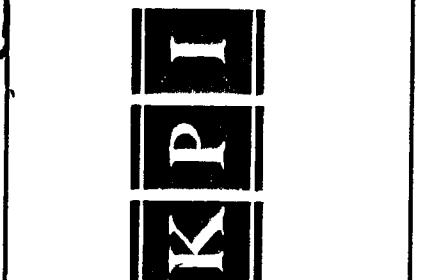
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**COMINA-VALLEY**  
UNIFIED SCHOOL DISTRICT  
SIERRA VISTA MIDDLE SCHOOL  
INTERIM HOUSING



KPI Architects Inc.  
Electrical Engineering, Site 05  
Corona, California 92620-1022  
952-270-5279 Fax: 952-270-5247



PROJECT NO.: 208800 DATE: 10-28-03

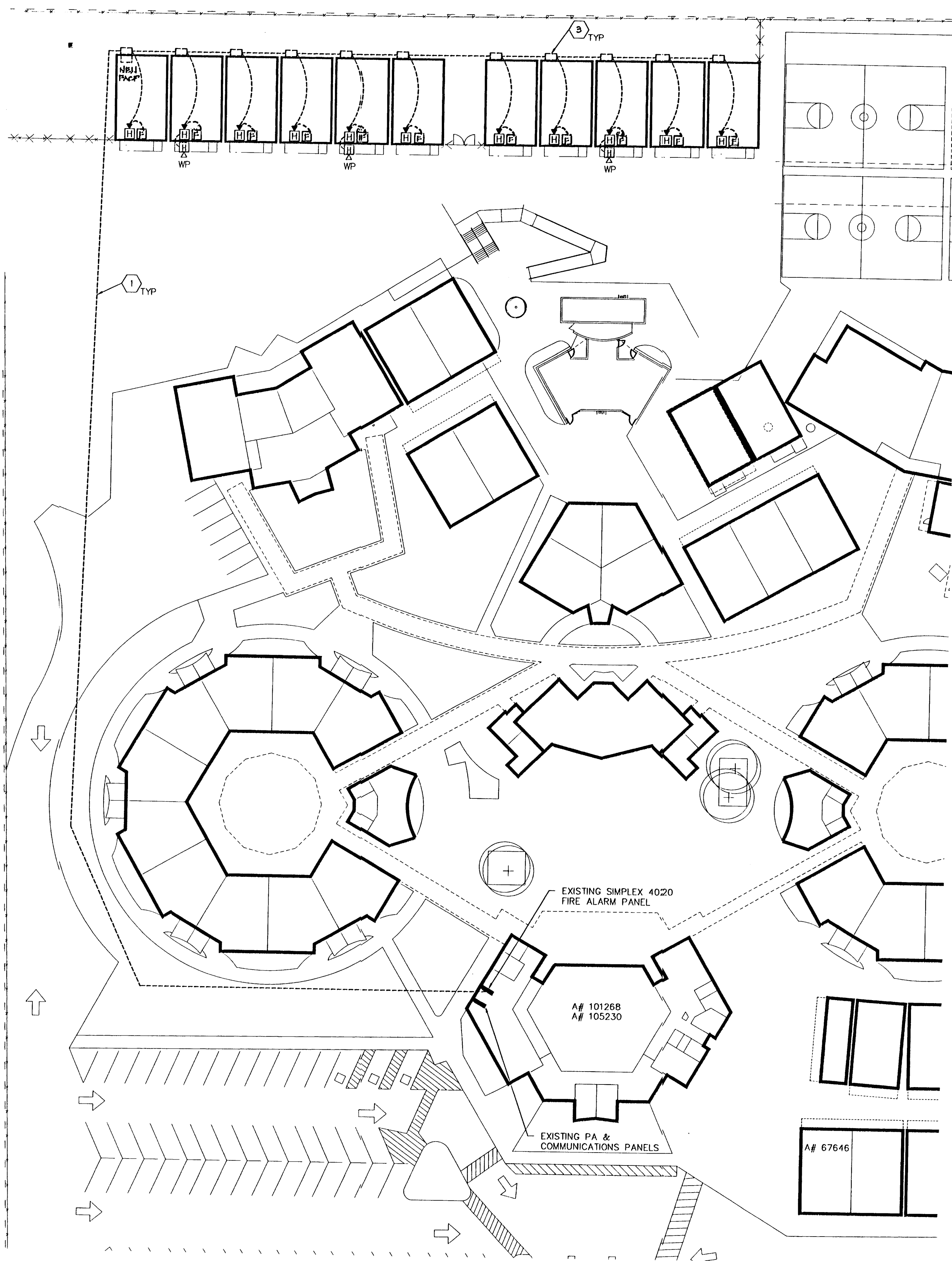
ELECTRICAL POWER PLAN

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AC.F.K. - FLS. SV. SS. ASP  
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**E10**



**1 FIRE ALARM PLAN**  
SCALE: 1" = 30'-0"

**FIRE ALARM INSTALLATION REQUIREMENTS**

- 1 THE SYSTEM SHALL CONFORM TO TITLE 19 AND TITLE 24 AS APPLICABLE TO THIS PROJECT.
- 2 UPON COMPLETION OF INSTALLATION, THE SYSTEM SHALL BE TESTED IN THE PRESENCE OF AND IN A MANNER ACCEPTABLE TO THE LOCAL ENFORCING AUTHORITY.
- 3 PENETRATIONS OF FIRE RATED WALLS SHALL BE PROTECTED IN ACCORDANCE WITH CBC, TITLE 24, PART 2.
- 4 ALL WIRE SHALL BE SOLID COPPER, #12 AWG, THWN INSULATION, UNLESS OTHERWISE NOTED.
- 5 WIRING MUST BE LISTED FOR USE AS REQUIRED BY CEC, TITLE 24, PART 3, ARTICLE 760.

**FIRE ALARM SYSTEM INTEGRATION NOTES**

- 1 ALL DEVICES ARE TO BE LOCATED PER MOUNTING HEIGHT TO MEET ADA AND CSFM REQUIREMENTS.
- 2 AUDIBLE DEVICES SHALL SOUND THE AUDIBLE EMERGENCY EVACUATION SIGNAL "THREE PULSE TEMPORAL PATTERN" - PER CFC 1006.3.3.2. VISIBLES SHALL HAVE A FLASH RATE OF 1 FLASH PER SECOND MINIMUM 3 FLASHES PER SECOND MAXIMUM.

**SCOPE OF WORK**

CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS TO CONNECT TWO SIGNALING CIRCUITS (HORNS AND STROBES) INTO EXISTING FIRE ALARM PANEL. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND COORDINATE ADDING ADDITIONAL LOADS INTO EXISTING FIRE ALARM SYSTEM.

**MODERNIZATION FIRE ALARM SYSTEM INTEGRATION NOTES:**

- 1 THE FIRE ALARM SYSTEM INDICATED ON THE DRAWINGS IS AN EXTENSION OF THE EXISTING CAMPUS FIRE ALARM SYSTEM. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID OR COMMENCEMENT OF WORK AND INCLUDE/PROVIDE ALL ITEMS OF MATERIAL AND LABOR NECESSARY TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM AS INDICATED ON THE DRAWINGS.
- 2 THE EXISTING CAMPUS FIRE ALARM SYSTEM IS AN ADDRESSABLE SIMPLEX 4020 SERIES. IT CONSISTS OF A FIRE ALARM CONTROL PANEL (FACP) AND A SERIES OF FIRE ALARM TERMINAL CABINETS (FATC) LOCATED REMOTELY FROM THE "FACP" IN THE VARIOUS CAMPUS BUILDINGS, AS WELL AS ALARM INITIATING DEVICES (SMOKE DETECTORS, HEAT DETECTORS, DUCT DETECTORS, MANUAL PULL STATIONS, ETC.), ALARM INDICATING DEVICES (HORNS, STROBES, HORN STROBE COMBINATIONS, ETC.) AND ALL REQUIRED THE EXISTING CAMPUS FIRE ALARM SYSTEM IS AN ADDRESSABLE INTERCONNECTING WIRING.
- 3 PROVIDE ALL DEVICES, ACCESSORIES, AND ASSOCIATED INTERCONNECTING WIRING NECESSARY TO PROVIDE A COMPLETE AND WORKING SYSTEM AS INDICATED ON THE DRAWINGS.
- 4 EXISTING FIRE ALARM RACEWAYS AND WIRING MAY BE REUSED AND/OR MODIFIED AND REUSED, AT THE CONTRACTOR'S OPTION, WHERE IT IS DETERMINED TO BE IN GOOD (OR BETTER) CONDITION AND IT IS ADEQUATE TO PROVIDE THE FUNCTION INDICATED ON THE DRAWINGS. OTHERWISE PROVIDE NEW RACEWAY SYSTEM(S) AND WIRING AS INDICATED. SEE NOTE 5 BELOW.
- 5 THE EXISTING FIRE ALARM SYSTEM SHALL REMAIN FULLY OPERATIONAL THROUGHOUT THE PERFORMANCE AND COMPLETION OF THE WORK. AT NO TIME SHALL THE EXISTING SYSTEM BE DISABLED WHERE EXISTING DEVICES ARE TO BE REUSED AND/OR RELOCATED AND REUSED OR WHERE EXISTING RACEWAY SYSTEMS AND/OR WIRING IS TO BE REUSED AND/OR MODIFIED AND REUSED. PROVIDE ALL NECESSARY LABOR AND MATERIALS TO MAINTAIN THE SYSTEM IN A FULLY OPERATIONAL CONDITION BOTH UPSTREAM AND DOWNSTREAM OF THE WORK BEING PERFORMED. COORDINATE WITH THE LOCAL FIRE AUTHORITY FOR ADDITIONAL REQUIREMENTS.

**APPLICABLE CODES:**

- 2001 BUILDINGS STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
- 2001 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R. (1997 UNIFORM BUILDING CODE VOLUMES 1-3) AND 2001 CALIFORNIA AMENDMENTS)
- 2001 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R. (1999 NATIONAL ELECTRICAL CODE AND 2001 CALIFORNIA AMENDMENTS)
- 2001 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R. (2000 UNIFORM MECHANICAL CODE AND 2001 CALIFORNIA AMENDMENTS)
- 2001 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 C.C.R. (1997 UNIFORM FIRE CODE AND 2001 CALIFORNIA AMENDMENTS)
- 2001 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 C.C.R.
- TITLE 19, C.C.R. PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

**FIRE ALARM GENERAL NOTES:**

- 1 THE FIRE ALARM SYSTEM SHALL BE IN ACCORDANCE WITH THE 2001 CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2, SECTION 305.9, AND THE CFC.
- 2 THE FIRE ALARM SYSTEM SHALL BE A POWER LIMITED INDEPENDENT LOCAL ALARM SYSTEM PER 1999 NFPA 72, 2001 CEC.
- 3 120 VOLT AC, 60HZ, INPUT POWER FOR FIELD CHARGING POWER SUPPLIES SHALL BE DEDICATED, LOCKING CIRCUIT BREAKER PROPERLY LABELED "FIRE ALARM" PER 1999 NFPA 72.
- 4 PENETRATIONS OF FIRE RATED ASSEMBLIES SHALL BE PROTECTED BY A U.L. APPROVED FIRE STOP SYSTEM, PER CEC ARTICLE 300, SECTION 300-21.
- 5 AUDIBILITY OF FIRE ALARM SYSTEM SHALL BE A MINIMUM OF 15 DECIBELS ABOVE AMBIENT NOISE LEVELS PER CFC ARTICLE 1006.3.3.3.
- 6 UPON THE COMPLETION OF WORK UNDER THIS CONTRACT, A SATISFACTORY TEST OF THE FIRE ALARM SYSTEM SHALL BE PERFORMED IN THE PRESENCE OF THE AUTHORITY HAVING JURISDICTION, PER 1999 NFPA 72, SECTION 2-5-1.

**STANDARDS AND GUIDES**

NFPA 72 NATIONAL FIRE ALARM CODES (CALIFORNIA AMENDED), 1999 EDITION (SEE UL STANDARD 1971 FOR "VISUAL DEVICES")  
REFERENCE CODE SECTION FOR NFPA STANDARDS - CBC (SFM) 3503.1.3

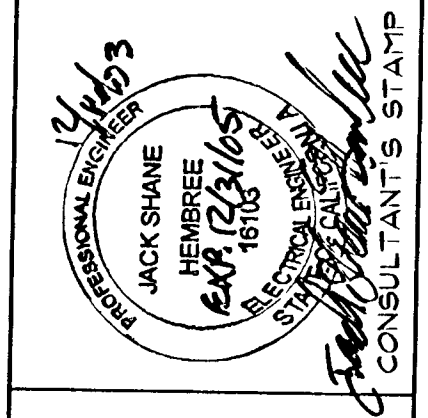
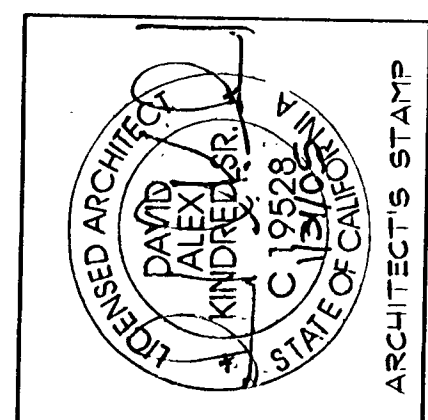
FIRE ALARM LEGEND				
SYMBOL	DESCRIPTION	MANUFACT.	MODEL NO.	CSFM LISTING
[S]15*	STROBE LIGHT	GENTEX	GES3-24WR	7125-0569:123
[H]30*	COMBINATION HORN/STROBE	GENTEX	GEC3-24WR	7135-0569:122
[H]WP	WEATHERPROOF HORN	GENTEX	GEH24R W/ GOE ENCLOSURE	7135-0569:122 7300-0569:124
[NEW FAC]	FIRE ALARM CONTROL PANEL	SIMPLEX	4001-9101	7165-0001:215

\* NUMBER INDICATES STROBE CANDELA 15, 30, 75 OR 110

**KEYNOTES:**  
**FIRE ALARM PLANS**

- 1 FURNISH AND INSTALL 1C WITH 2 #12, 2 #10 FOR FIRE ALARM AND 2'C WITH 25 PR PHONE, 20 GA. GEL AND 2' C WITH FULL ROPE. ROUTE CONDUITS FROM COMMUNICATION ROOM IN BUILDING 'A' TO JUNCTION BOXES ON OUTSIDE OF RELOCATABLE BUILDINGS.
- 2 NOT USED.
- 3 MAKE FINAL CONNECTION TO JUNCTION BOX PROVIDED WITH RELO'S. COORDINATE WITH RELO INSTALLER AND PROVIDE ALL EQUIPMENT AND LABOR REQUIRED TO MAKE SYSTEM OPERATIONAL.

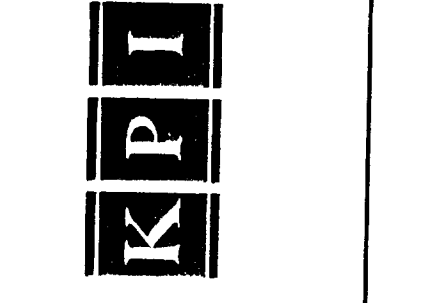
NOT ALL KEYNOTES MAY BE USED ON THESE DRAWINGS. REFER TO GENERAL NOTES FOR ADDITIONAL INSTRUCTIONS AND DIRECTIVES



**COMINAVALLEY**  
UNIFIED SCHOOL DISTRICT  
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INTERIM HOUSING



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APPL. 03-107195  
DATE: DEC 17 2003

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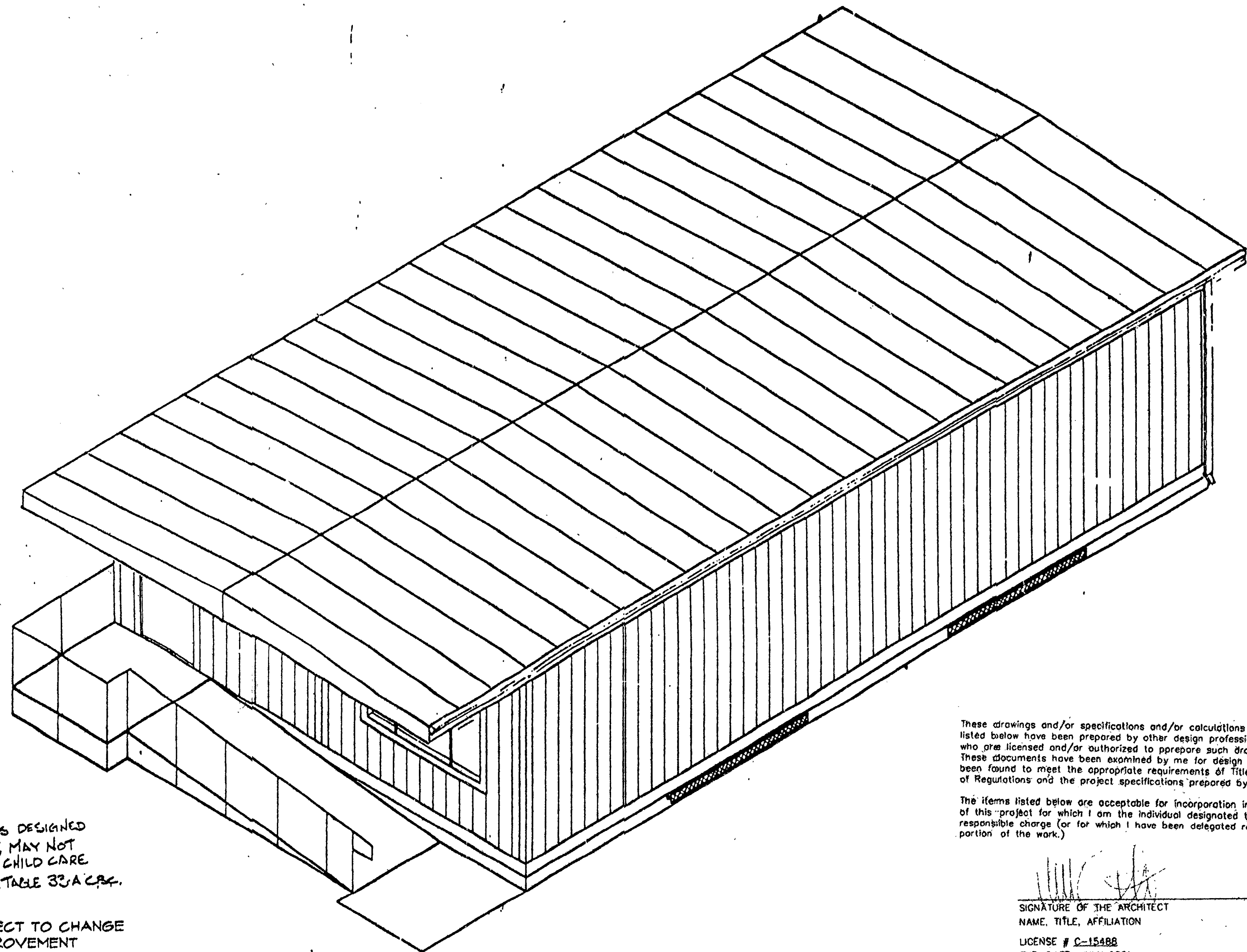
PROJECT NO.: 209800 DATE: 10-28-03

FIRE ALARM PLAN

**E20**

# OFFICE OF LOCAL ASSISTANCE

## 24' X 40' RELOCATABLE BUILDING



SYMBOLS		
TYPE	SYMBOL	DESCRIPTION
DETAIL		DETAIL ON SAME SHEET AS SYMBOL
DETAIL		DETAIL NUMBER (1) ON SHEET NUMBER (2)
DETAIL	DET 5:2	DETAIL NUMBER (5) ON SHEET NUMBER (2)
NOTE:		NOTE NO. 1, ON SAME SHEET AS SYMBOL.
NOTE:		NOTE NO. 4 ON SHEET NUMBER (5)
NOTE:	NOTE 4:3	NOTE NO. (4) ON SHEET NO. (3)
PANEL		PANEL TYPE 'A' ON SHEET (1)
SECTION		SECTION 'A' ON SHEET (2)
REF.		REVISION: CHANGE IN DWG. NO. (1), FIRST REVISION
REF.		HIGHLIGHTS CHANGED AREA

\*NOTE: THIS BUILDING AS DESIGNED WITH ONE EXIT, MAY NOT BE USED FOR CHILD CARE PURPOSES PER TABLE 33A C.C.R.

SPECIFICATIONS SUBJECT TO CHANGE DUE TO PRODUCT IMPROVEMENT

SHEET INDEX	
ARCHITECTURAL	A 0 - COVER SHEET A1.0 - FLOOR PLAN/ROOF PLAN A2.0 - EXT./INT. ELEVATION A3.0 - ARCHITECTURAL DETAILS A4.0 - REFLECTED CEILING PLAN A5.0 - WALL FRAMING A6.0 - WALL FRAMING DETAILS A7.0 - GENERAL NOTES AND SPECS A8.0 - GENERAL NOTES AND SPECS
STRUCTURAL	S1.0 - FOUNDATION PLAN/DETAILS S2.0 - FLOOR/ROOF FRAMING PLAN S3.0 - FRAMING ELEVATIONS AND DETAILS S4.0 - TYPICAL DETAILS
MECHANICAL	M1.0 - HVAC PLAN
ELECTRICAL	E1.0 - POWER/SIGNAL/LIGHTING PLAN
RAMP	R1.0 - RAMP PLAN R2.0 - RAMP DETAILS

These drawings and/or specifications and/or calculations for the items listed below have been prepared by other design professionals or consultants who are licensed and/or authorized to prepare such drawings in this state. These documents have been examined by me for design intent and have been found to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications prepared by me.

The items listed below are acceptable for incorporation into the construction of this project for which I am the individual designated to be in general responsible charge (or for which I have been delegated responsibility for this portion of the work.)

SIGNATURE OF THE ARCHITECT: *[Signature]* DATE: *[Date]*  
 NAME, TITLE, AFFILIATION: *[Name]*  
 LICENSE # C-15488  
 EXP. DATE: JULY 2001

BUILDING DATA	
24'X40'BLD'G.	
OCCUPANCY	E-2
TYPE OF CONSTRUCTION	V-N
WIND LOAD	75 MPH, EXP. "C"
FLOOR LIVE LOAD	50 P.S.F.
ROOF LIVE LOAD	20 P.S.F.
BUILDING AREA	960 SQ.FT.
STRUCTURAL DESIGN	SHEARWALL

UNIT "A" AS SHOWN  
 UNIT "B" OPPOSITE HAND  
 NOTE: ALL THESE UNITS SHALL BE UNIT "B"

\*AS ALTERNATE FOR ALL SHOT PIN ATTACHMENTS, USE 1/10 S.T.S.M.S. "A" THE SAME SPACING.\*

APPLICABLE CODES - NEW CONSTRUCTION
1991 UBC AND 1992 CALIFORNIA AMENDMENTS (92 CALIFORNIA BUILDING CODE - PART 2, TITLE 24, C.C.R.) 1990 NEC AND 1990 CALIFORNIA AMENDMENTS (91 CALIFORNIA ELECTRICAL CODE - PART 3, TITLE 24, C.C.R.) 1991 UMC AND 1992 CALIFORNIA AMENDMENTS (92 CALIFORNIA MECHANICAL CODE - PART 4, TITLE 24, C.C.R.) 1991 UPC AND 1992 CALIFORNIA AMENDMENTS (92 CALIFORNIA PLUMBING CODE - PART 5, TITLE 24, C.C.R.) 1991 UNIFORM FIRE CODE WITH STATE AMENDMENTS (CALIFORNIA FIRE CODE - PART 9, TITLE 24, C.C.R.) 1992 BUILDING STANDARDS CODE (92 STATE REFERENCED STANDARDS CODE - PART 12, TITLE 24, C.C.R.) TITLE 19, C.C.R., PUBLIC SAFETY, STATE FIRE MARSHALL REGULATIONS.

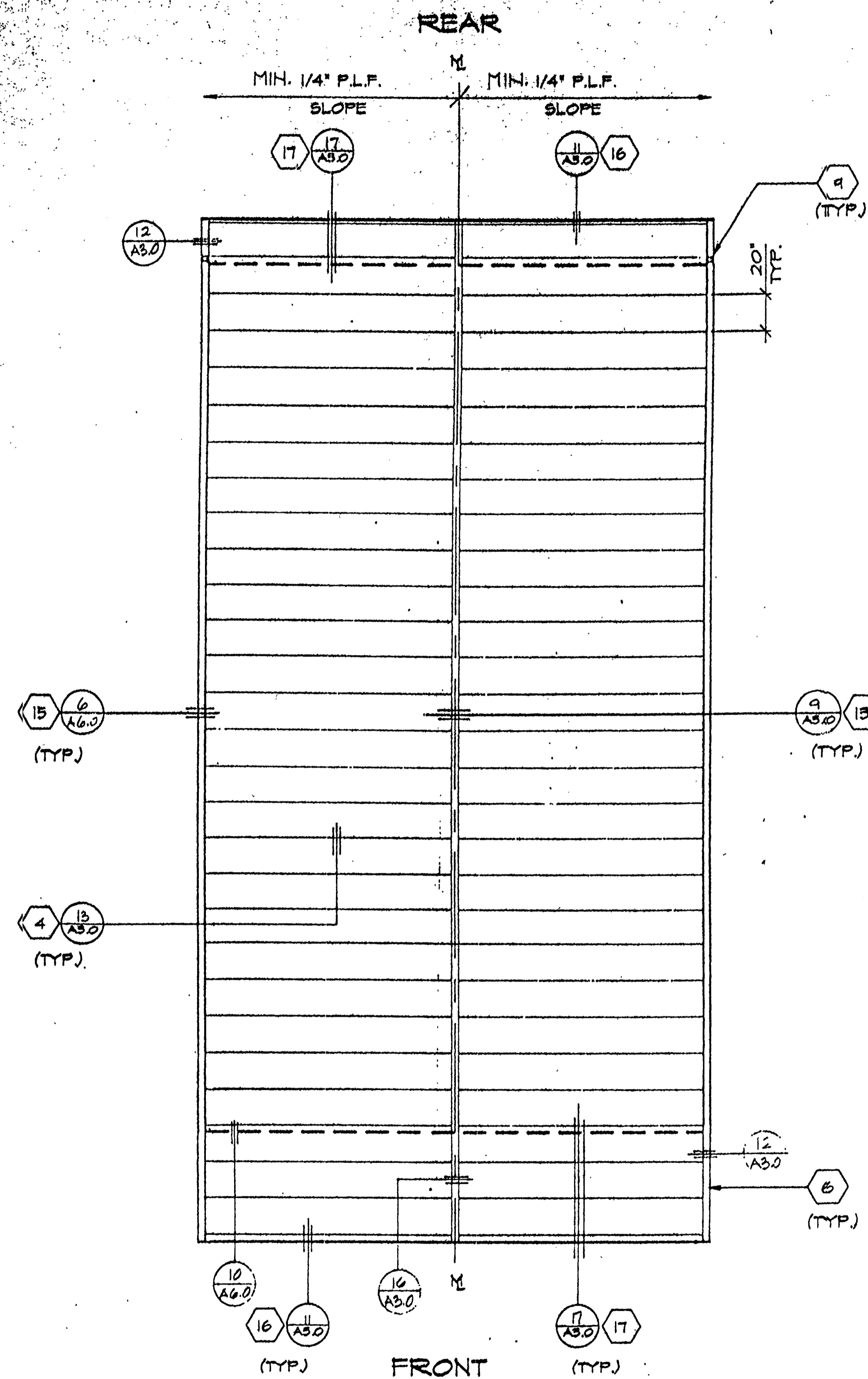
WITH THE SIGNING OF THE DRAWINGS, HE ACKNOWLEDGE THAT HE HAS REVIEWED THESE PLANS AND SPECIFICATIONS AND HAVE FOUND THEM TO BE IN GENERAL COMPLIANCE WITH THE BID DRAWINGS, SPECIFICATIONS AND ASSOCIATED ADDENDUMS. WHEN THESE PLANS AND SPECIFICATIONS HAVE BEEN APPROVED BY THE OFFICE OF THE STATE ARCHITECT, THEY SHALL PRESIDE OVER CONFLICTING AREAS IN THE BID DRAWING AND SPECIFICATIONS, AND ANY ADDENDUMS THEREBY.

IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 APPROX 107453  
 OFFICE FILE # 11-88-200  
 DATE DEC 17 2003

ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	ACCESS COMPLIANCE	STRUCTURAL SAFETY	© MODTECH INC. 1992
<b>MODTECH, INC.</b> 2830 BARRETT AVE. P.O. BOX 1240 PERRIS, CA. 92370 (714) 943-4014 Brook Haven School Interim Classroom Buildings FAX (714) 657-6630							DRAWN BY A.B. DATE CHECKED BY DATE <b>A 0</b>

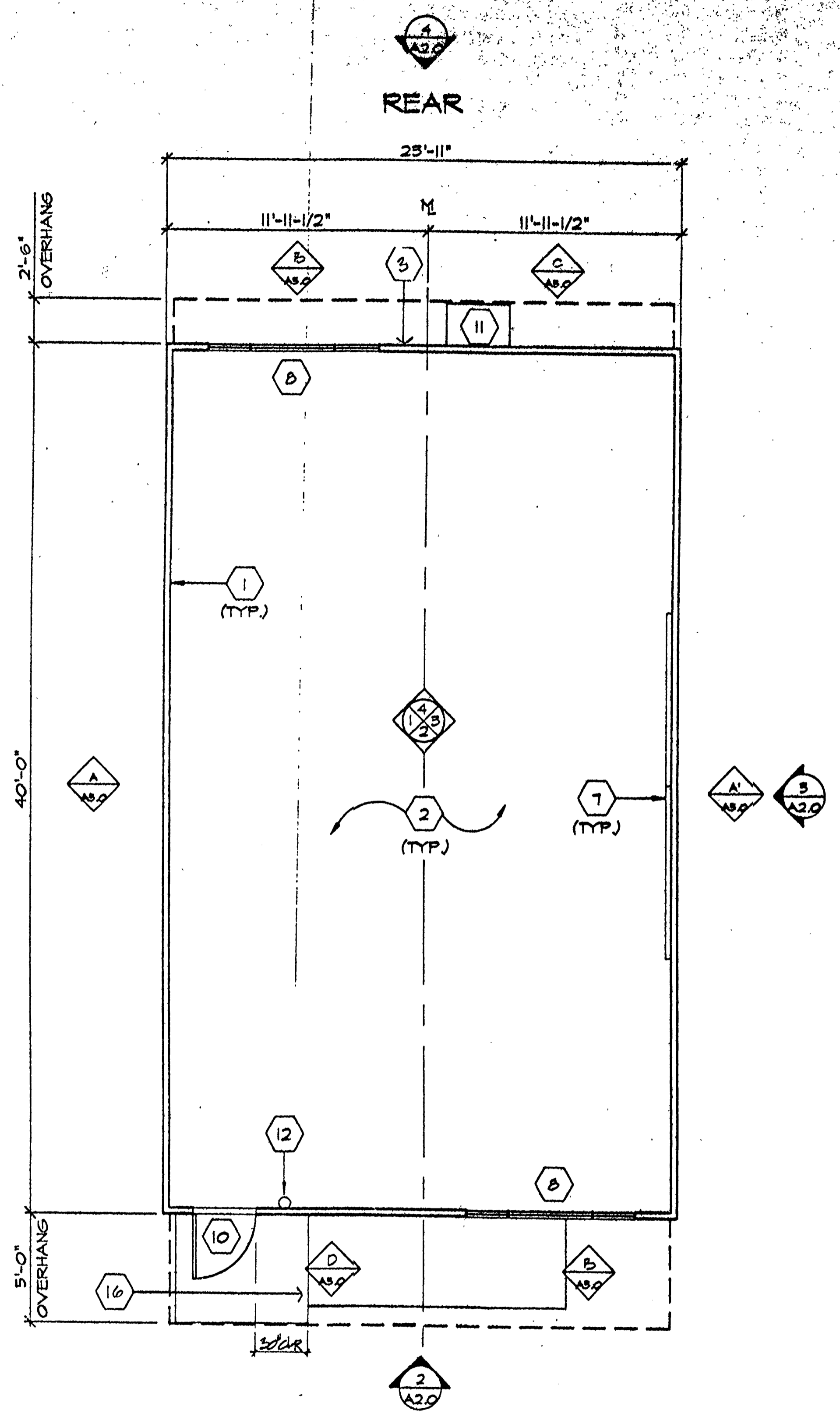
STOCKPILE 57970

Modtech 57970



ROOF PLAN

SCALE 1/4" = 1'-0"



FLOOR PLAN

SCALE 1/4" = 1'-0"

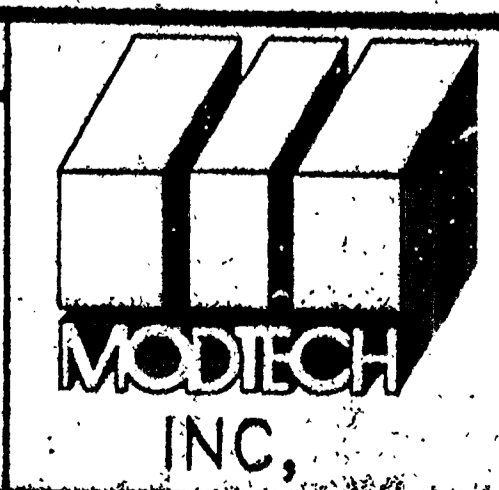
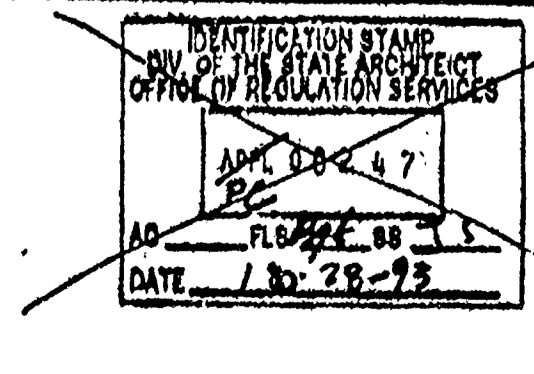
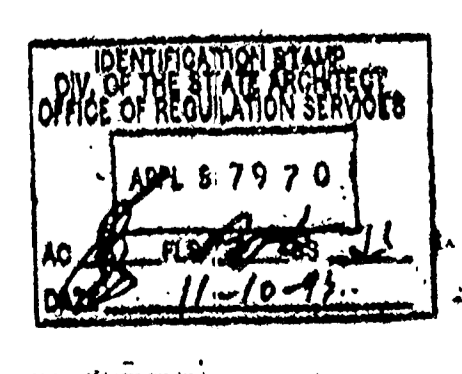
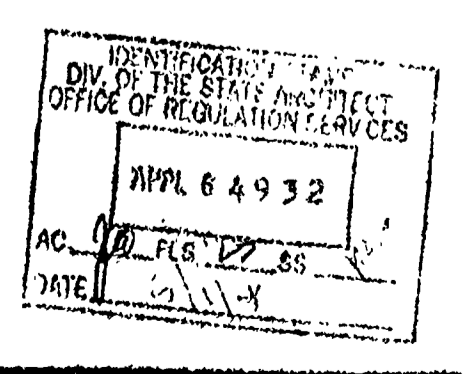
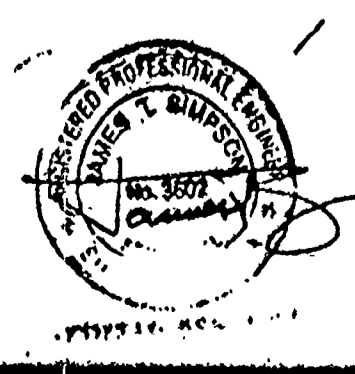
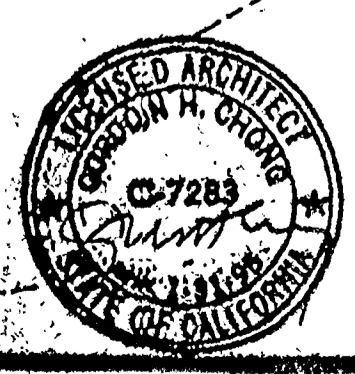
- NOTES**
- 1 TYPICAL INTERIOR FINISH: VINYL COVERED TACKBOARD OVER 1/2" GYP. BD. OR 5/8" PLYWOOD VINYL TO BE CLASS 3
  - 2 FINISH FLOORING: CARPET PER STATE OF CALIFORNIA COMPLYING WITH GROUP 1 TYPE A OR DENSITY 4600 DIRECT BLUE DOWN WITH 4" TOPSET BASE
  - 3 METAL TAB ON ALL MODULES MECHANICALLY ATTACHED TO REAR EXTERIOR OF BUILDING. SHOW O.S.A. APPLICATION NUMBER, MANUFACTURER'S NAME AND SERIAL NUMBER
  - 4 26 GA. INTERLOCKING ROOF PANELS OVER 5/4" CDX PLYWOOD, OVER 50 LB. SATURATED FELT UNDERLAYMENT
  - 5 PAINT COLORS: DARK BROWN-FASCIA AND ALL TRIM, MODTECH BEIGE-SIDING, SKIRTINGS & SOFFIT INTERIOR TRIM-SEARY OAK PRE-FINISH BRONZIE - DOOR AND FRAME
  - 6 CONT. GUTTER (ATTACHED AND SET ON TOP OF BEAM @ SIDEWALL)
  - 7 8040 CHALKBOARDS (2) OR 8040 MARKERBOARDS (SEE SPECS.)
  - 8 8040 WINDOWS - SEE SPECS
  - 9 DOWNSPOUTS (TYP. 2 @ REAR, 1 EA. SIDE)
  - 10 8088 HOLLOW METAL DOOR SEE SPECS
  - 11 HVAC UNIT - SEE SHT M-1
  - 12 FIRE EXTINGUISHER 5 LBS. DRY CHEMICAL WITH 2A-10BC U.L. RATING ON WALL MTD. BRACKET @ 48"
  - 13 ROOF CAP @ MODLINE
  - 14 RAMP AND LANDING SEE SHT. R-1
  - 15 BEAM @ SIDEWALL
  - 16 FASCIA
  - 17 OVERHANGS (2'-6" @ REAR AND 5'-0" @ FRONT)

- KEY NOTES:**
1. EXTERIOR DOOR SHALL BE OPERABLE FROM THE INTERIOR WITHOUT A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
  2. CLOSURES SHALL HAVE A MAXIMUM 8.5 LBS. PRESSURE.
  3. PROVIDE TAG INSIDE ELECTRICAL PANEL K1/O.L.A. BLDG. NO. & O.S.A. APPLICATION NO.

IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 APPROX. 10/1/58  
 ARCH. FLS. 2/1/58  
 DATE DEC 17 2003

INTERIOR REFERENCE SYMBOL  
 SEE SHEET A2.0 FOR INT. ELEV.(S)

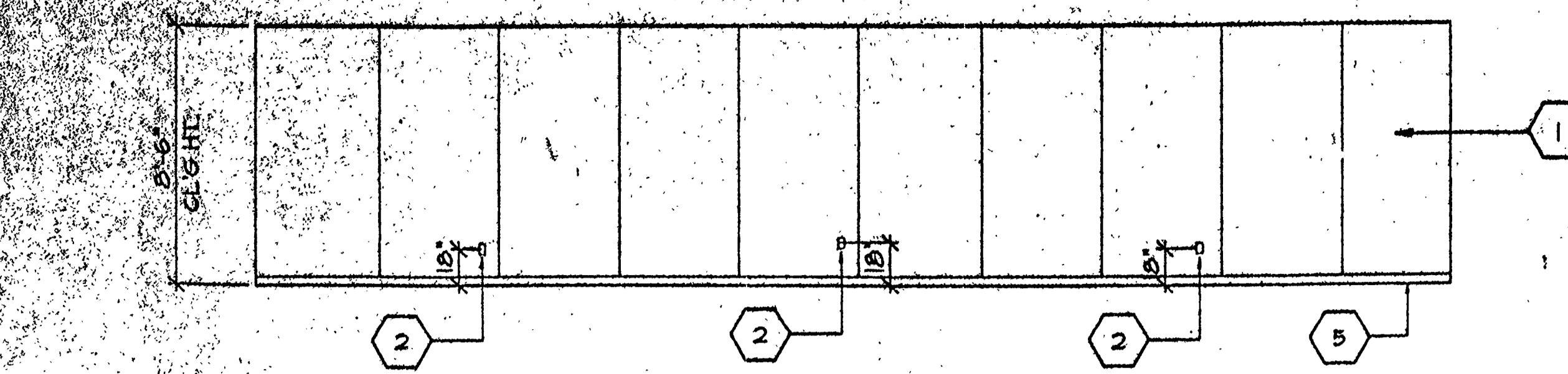
ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	ACCESS COMPLIANCE	STRUCTURAL SAFETY
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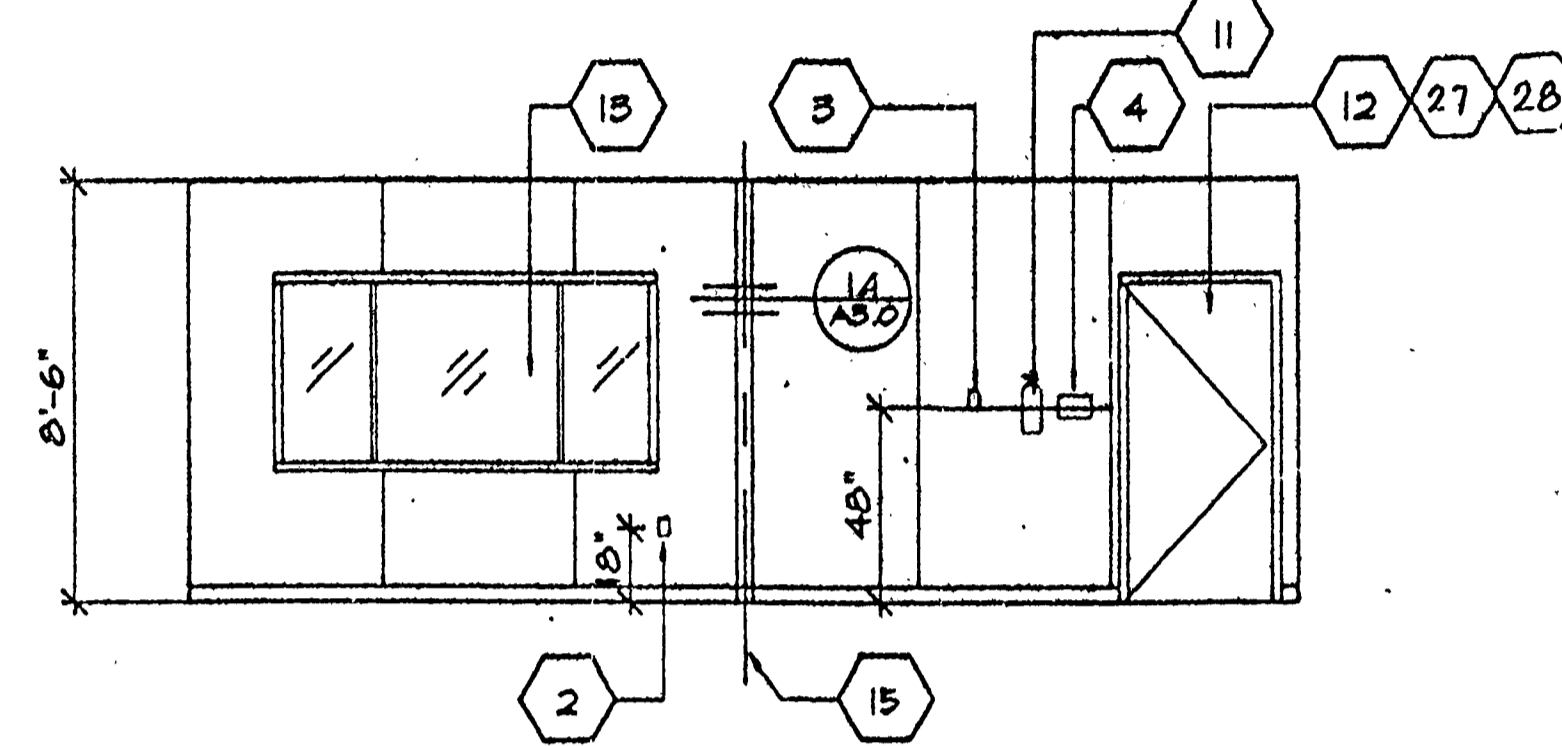
JOB # 24'X40' BLD'G.  
 O.L.A. Brook Haven School Interim Classroom Buildings  
 DRAWN BY A.B.  
 DATE  
 CHECKED BY  
 DATE

FLOOR / ROOF PLAN A.1.0

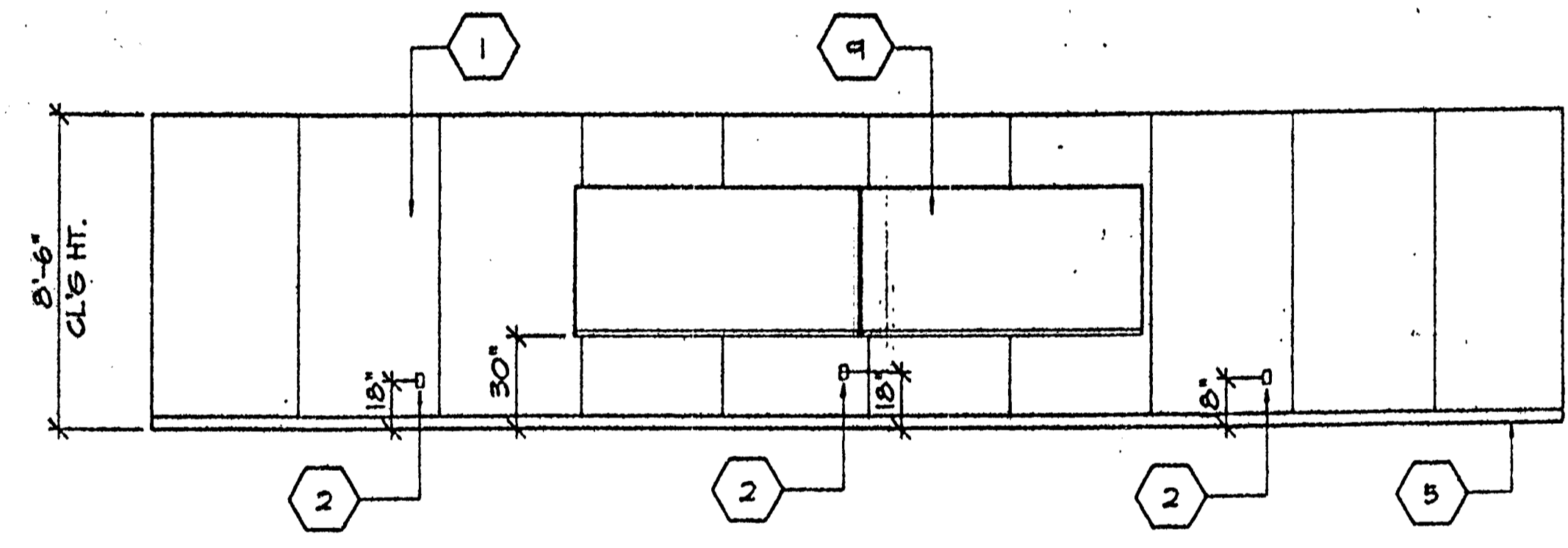
STOCKPILE 57970



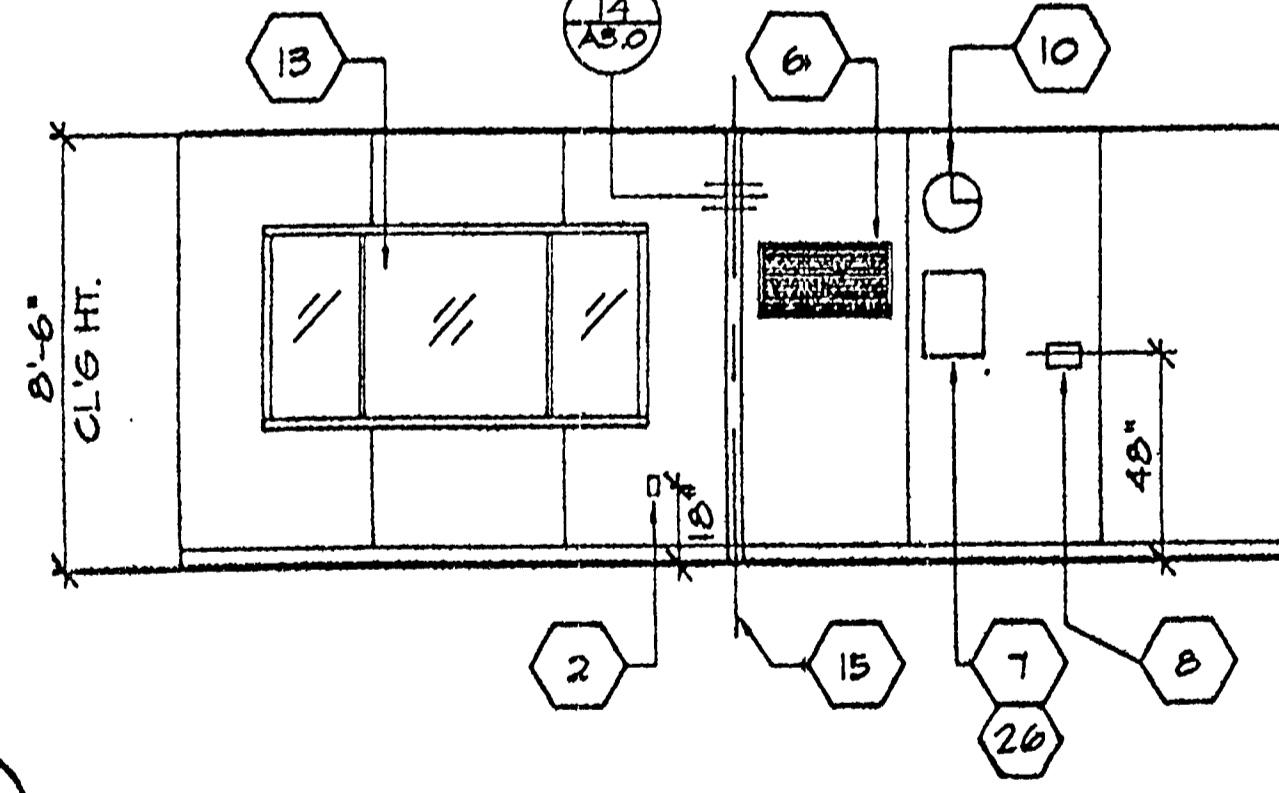
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2



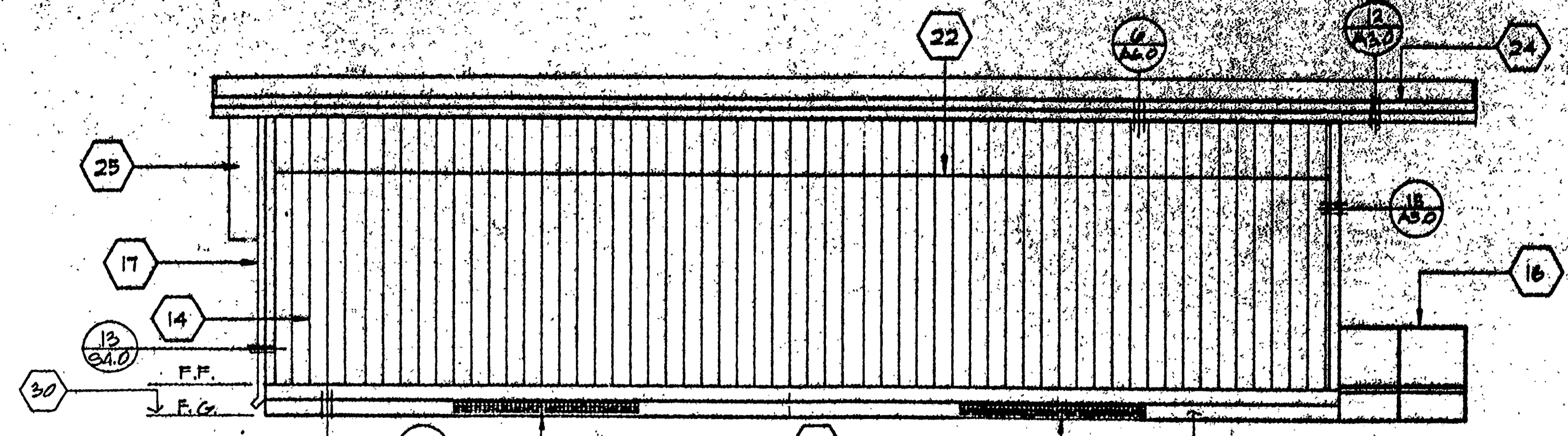
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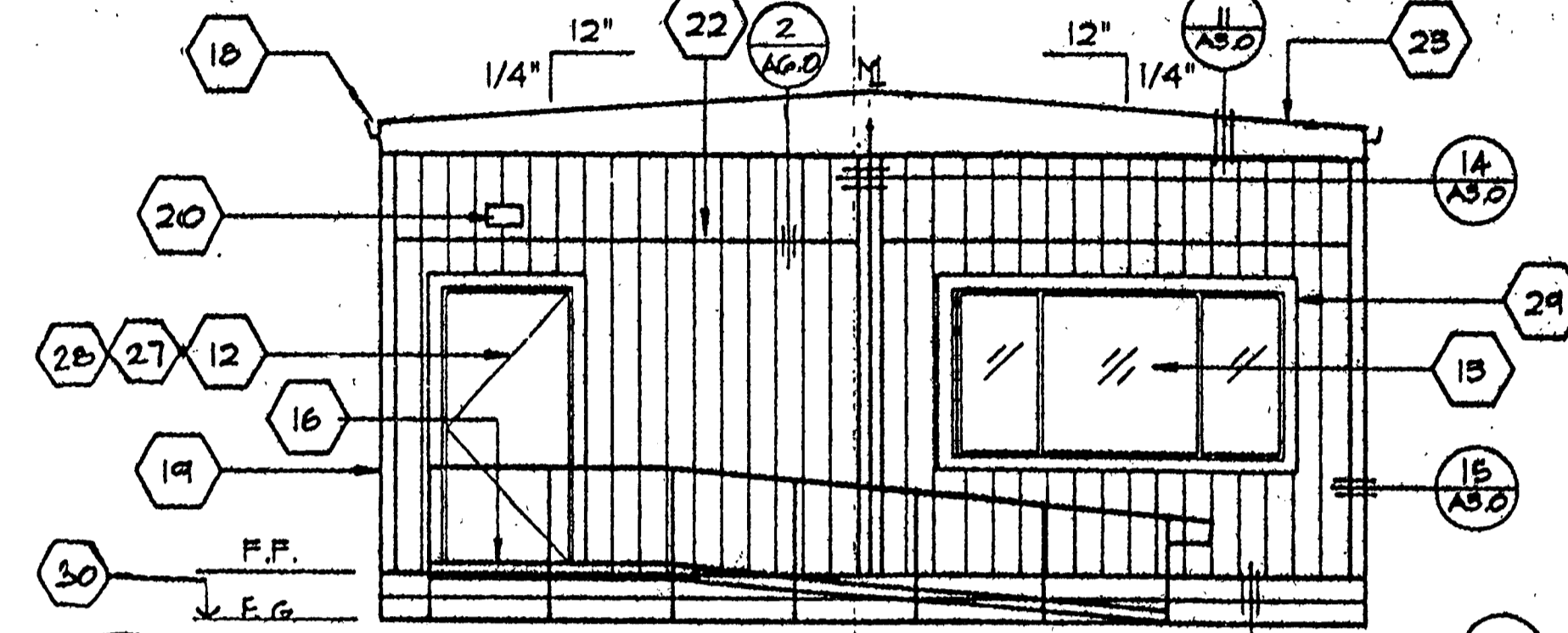
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INTERIOR ELEVATIONS

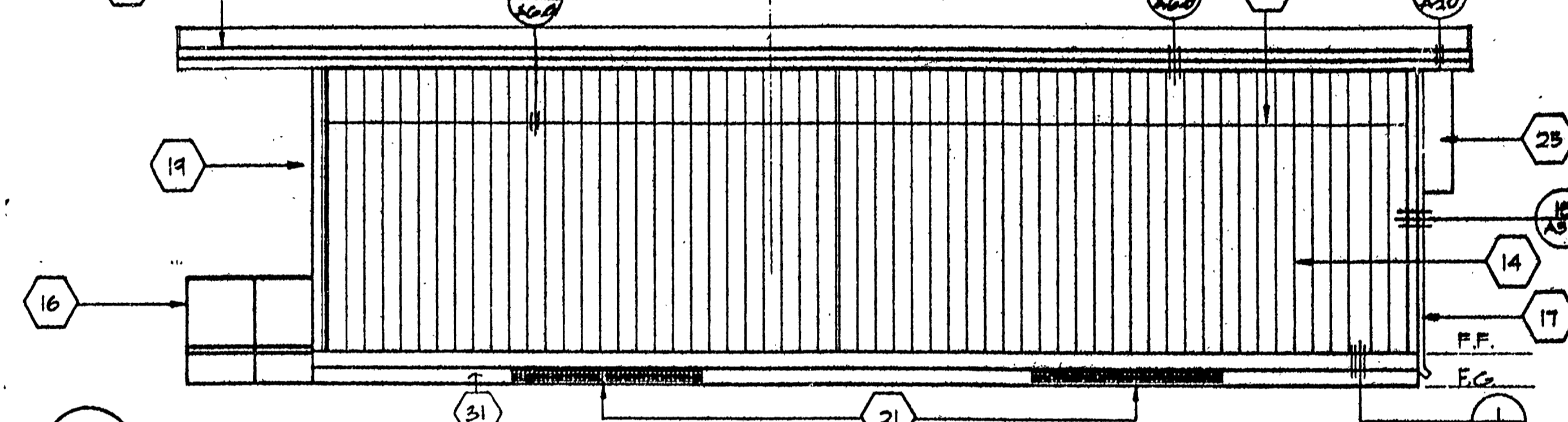
SCALE 1/4"=1'-0"



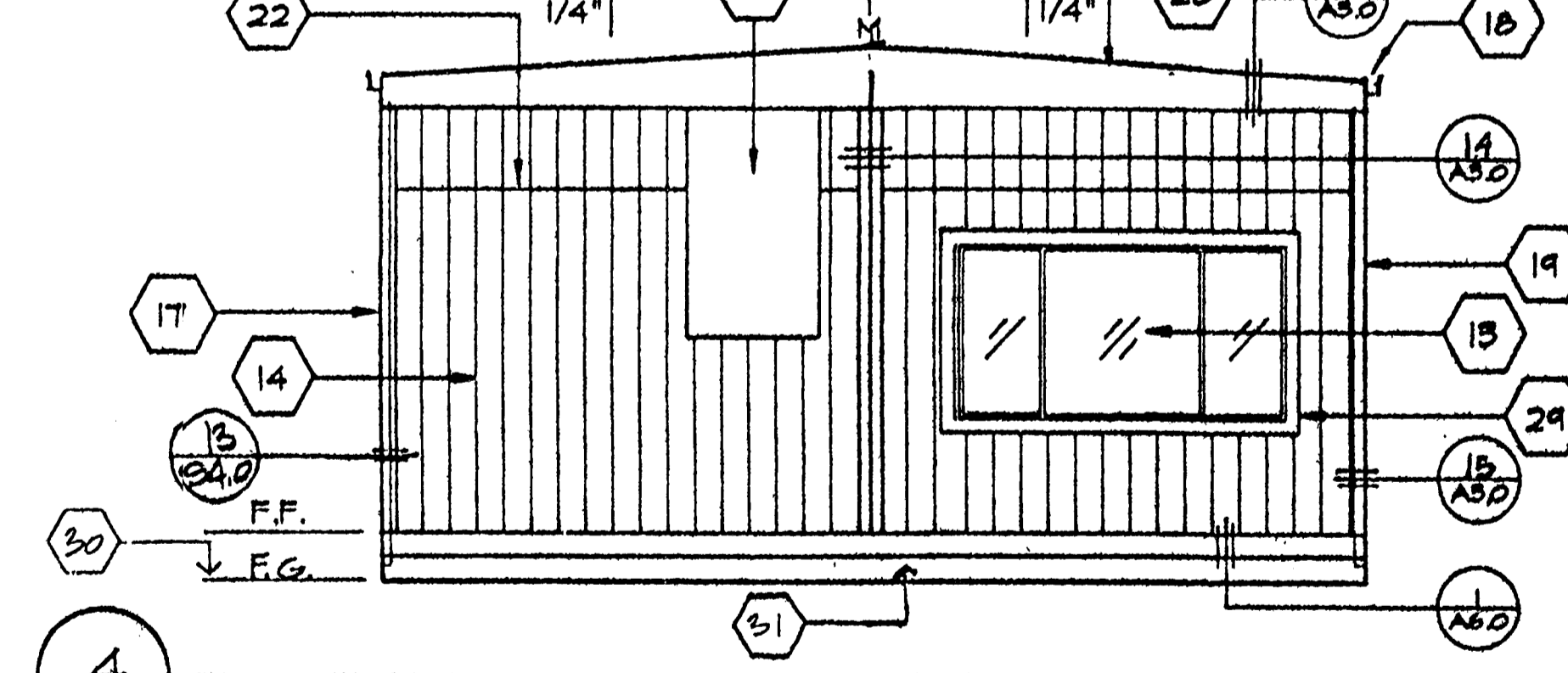
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2



3



4

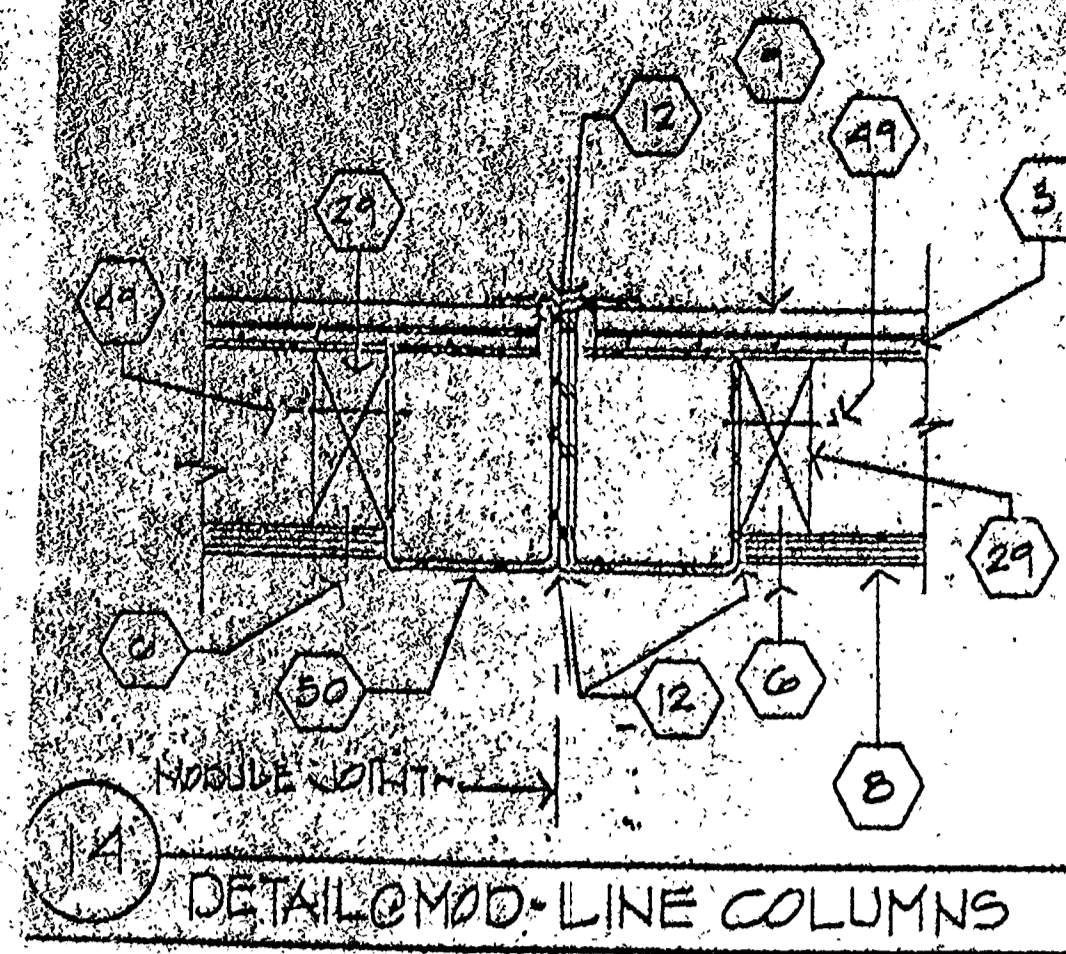
EXTERIOR ELEVATIONS

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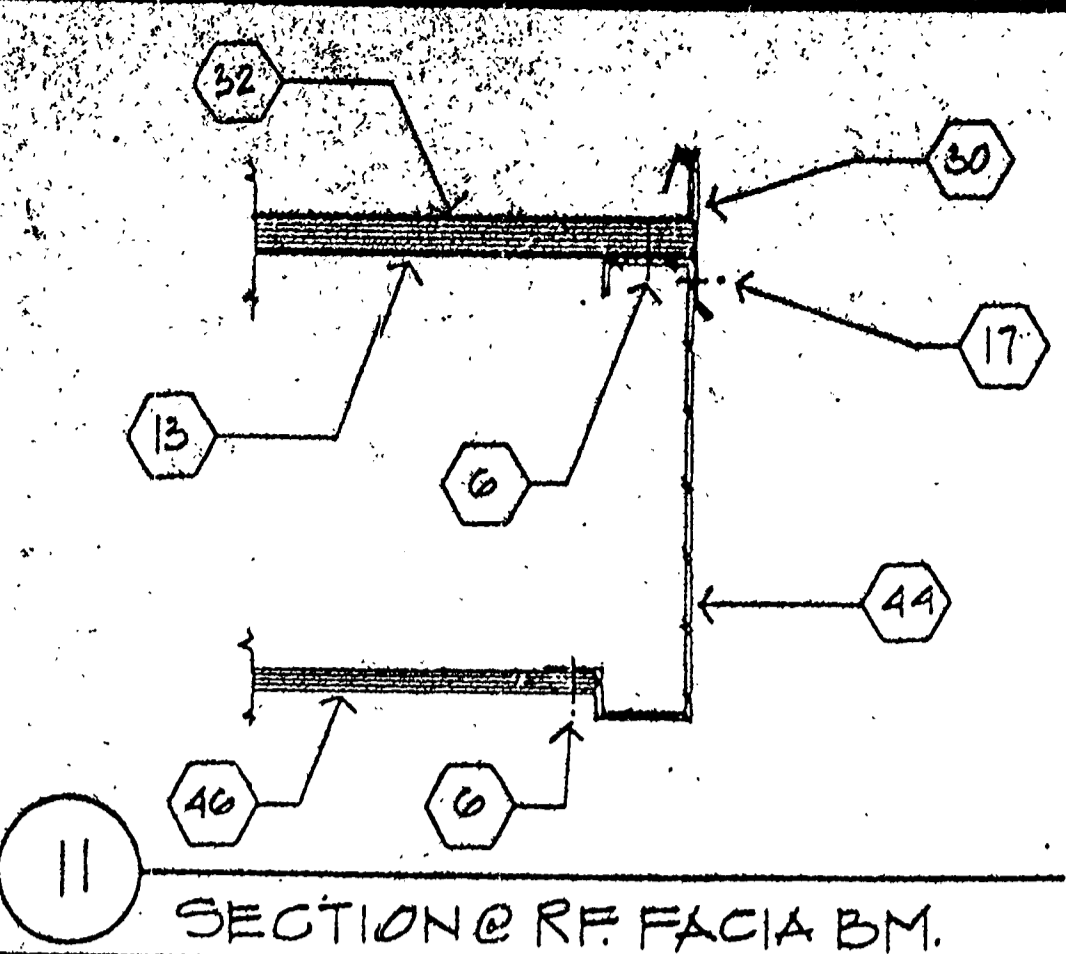
- NOTES**
- 1 TYPICAL INTERIOR FINISH (SEE SPECS SHIT)
  - 2 DUPLEX WALL RECEPTACLE 16" A.P.F. TO C (SEE SPECS)
  - 3 FIRE ALARM PULL STATION (4487)
  - 4 LIGHT SWITCH
  - 5 4" TOP SET BASE (TYPICAL) (SEE SPECS SHIT)
  - 6 RETURN AIR GRILL (RAG)
  - 7 ELECTRICAL PANEL (SEE ELECTRICAL DRAWS)
  - 8 THERMOSTAT (SEE MECH. DRAWS)
  - 9 8040 MARKERBOARD (SEE SPECS)
  - 10 12" DIA. ELECTRIC CLOCK
  - 11 FIRE EXTINGUISHER, 5LBS. DRY CHEMICAL WITH 2AG-10BC UL RATING ON WALL MTD. BRACKET AT 48"
  - 12 3068 HOLLOW METAL DOOR AND FRAME (SEE SPECS)
- 
- 13 8040 WINDOWS (2) (SEE SPECS)
  - 14 TYPICAL EXTERIOR SIDING (SEE SPECS) SHIT
  - 15 MODLINE (M) TYPICAL
  - 16 RAMP AND LANDING SEE SHIT, R-1
  - 17 DOWNSPOUT (TYP. OF 2 @ REAR EA. SIDE)
  - 18 CONT. BUTTNER (ATTACHED AND SET ON TOP OF BEAM @ SIDENALL)
  - 19 COLUMN (SEE STRUCTURAL)
  - 20 EXTERIOR FLOURESCENT BRACKET LIGHT FIXTURE (SEE SPECIFICATIONS)
  - 21 4-1/2"X84" FOUNDATION VENT (TYP.)
  - 22 PLYWOOD SPLICE @ 8'-0" (WHEN REQ'D)
  - 23 FASCIA
  - 24 OVERHANG ((2'-0" @ REAR AND 3'-0" @ FRONT)
  - 25 HVAC UNIT - SEE M-1
  - 26
  - 27
  - 28
  - 29 1X4 TRIM
  - 30 FOR ELEVATION @ FINISH GRADE SEE DISTRICT ARCHITECT'S SITE PLAN
  - 31 INSTALL SKIRTING AS REQUIRED TO MATCH SIDING
- IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APPROX. 10/2/58  
AC. FLS. 15-SS  
DATE DEC. 17 2003
- UNIT "A" AS SHOWN  
UNIT "B" OPPOSITE HAND  
\* ALL BUILDINGS SHALL BE UNIT "B" TYPE

ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	ACCESS COMPLIANCE	STRUCTURAL SAFETY	JOB #	© MODTECH INC. 1992	DRAWN BY A.B.
									DATE
									CHECKED BY
									DATE
							O. L. A. 24'X40' BLD'G Brook Haven School Interim Classroom Buildings		
							INT. / EXT. ELEVATIONS		A20

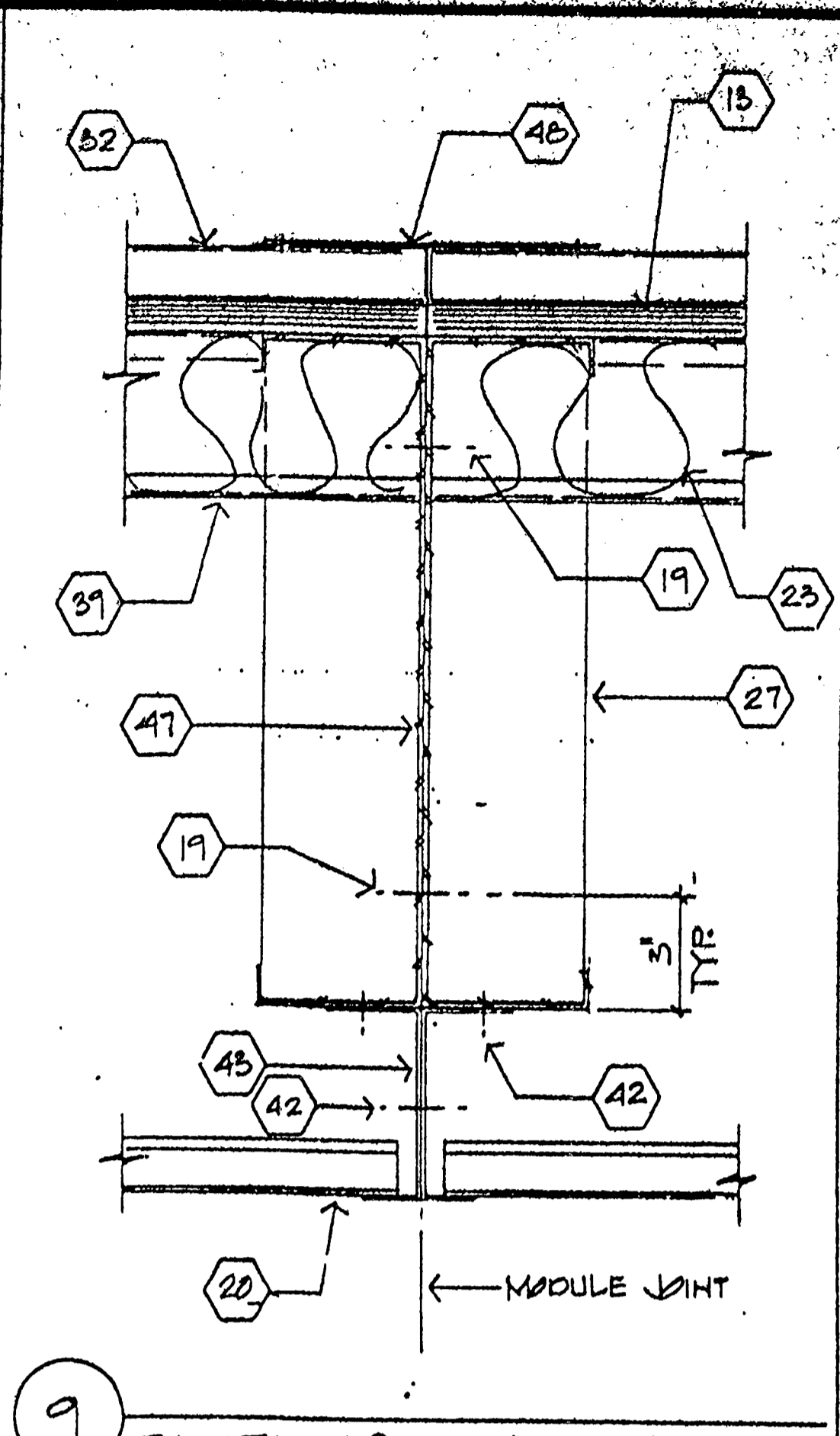
STOCKPILE 57970



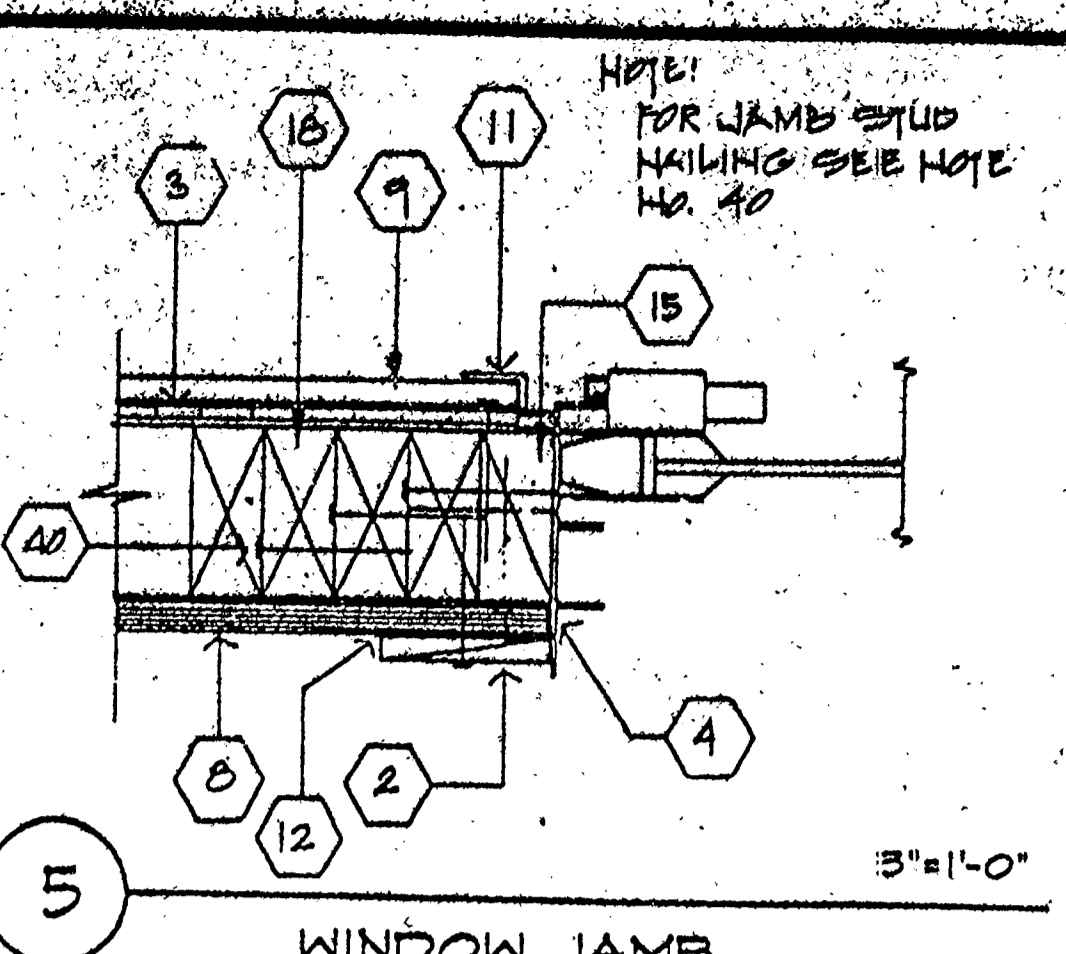
11 DETAIL @ MOD-LINE COLUMNS



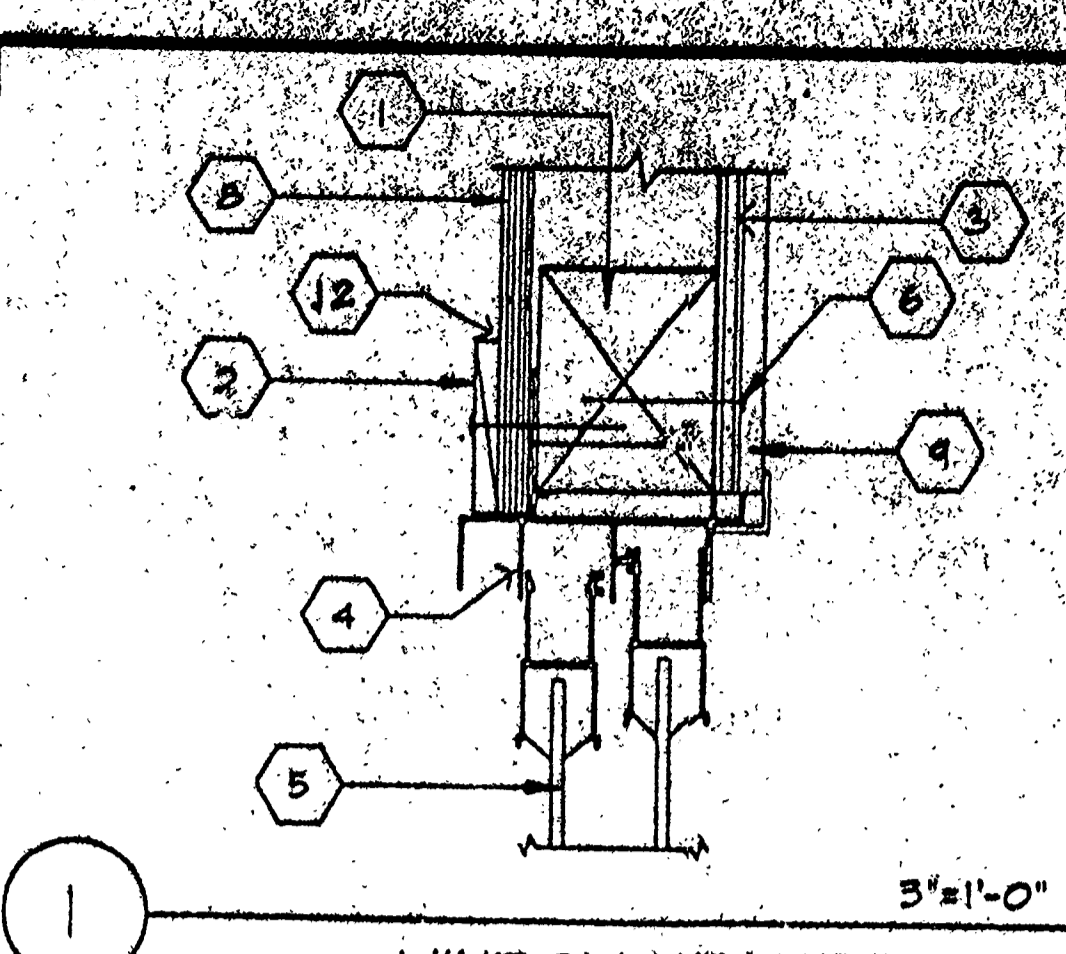
11 SECTION @ R.F. FACIA B.M.



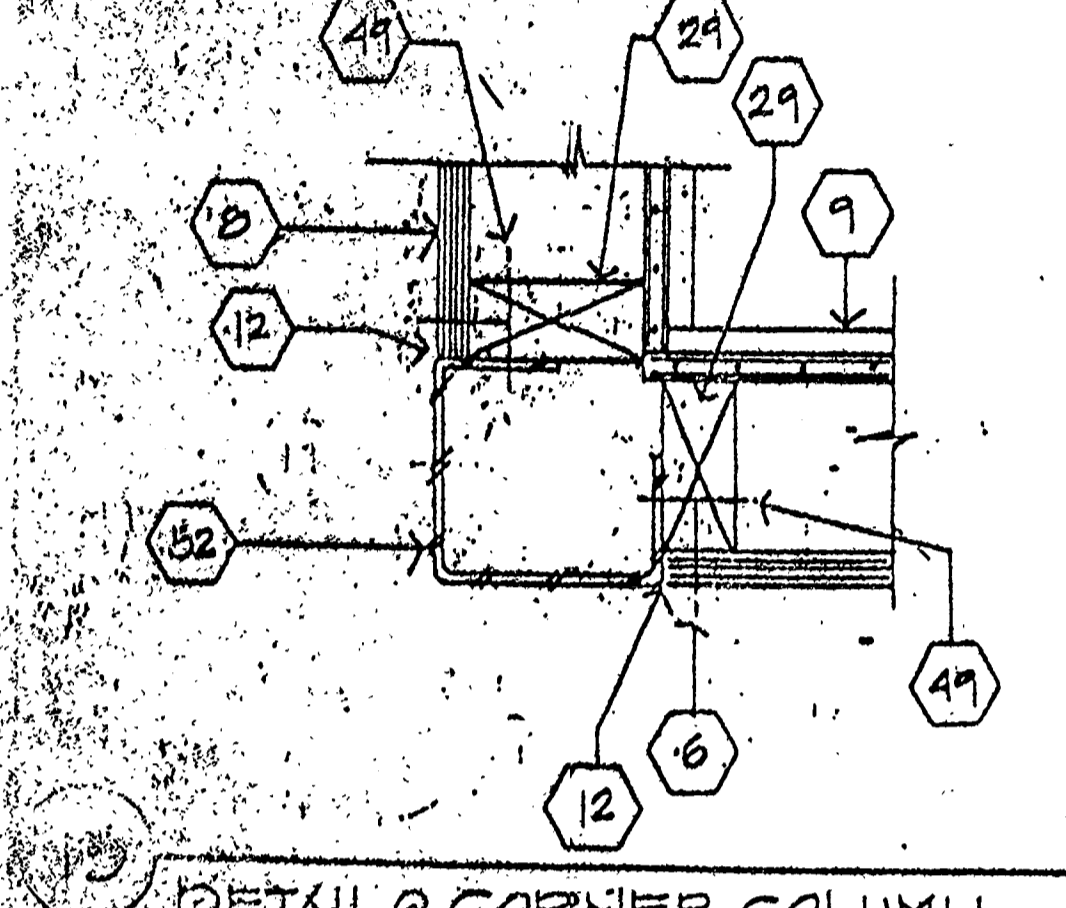
9 SECTION @ MOD-LINE R.F. B.M.



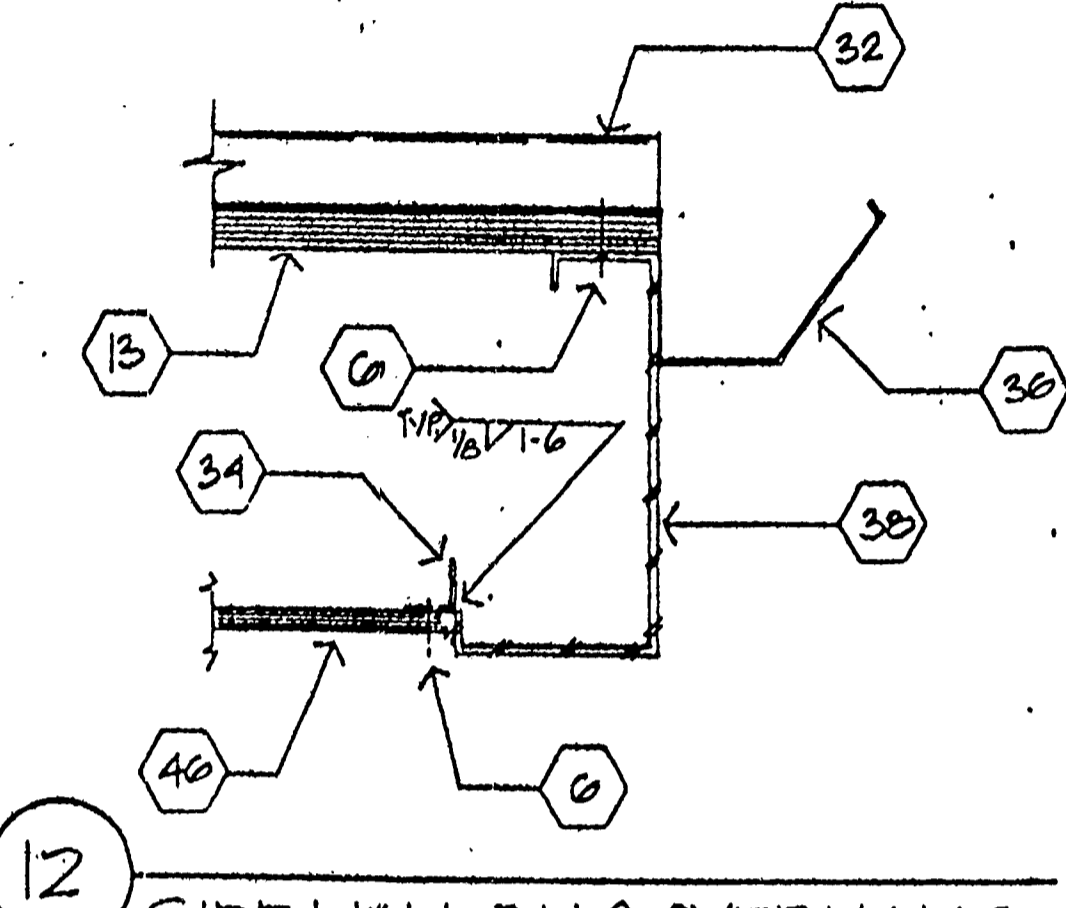
5 WINDOW JAMB



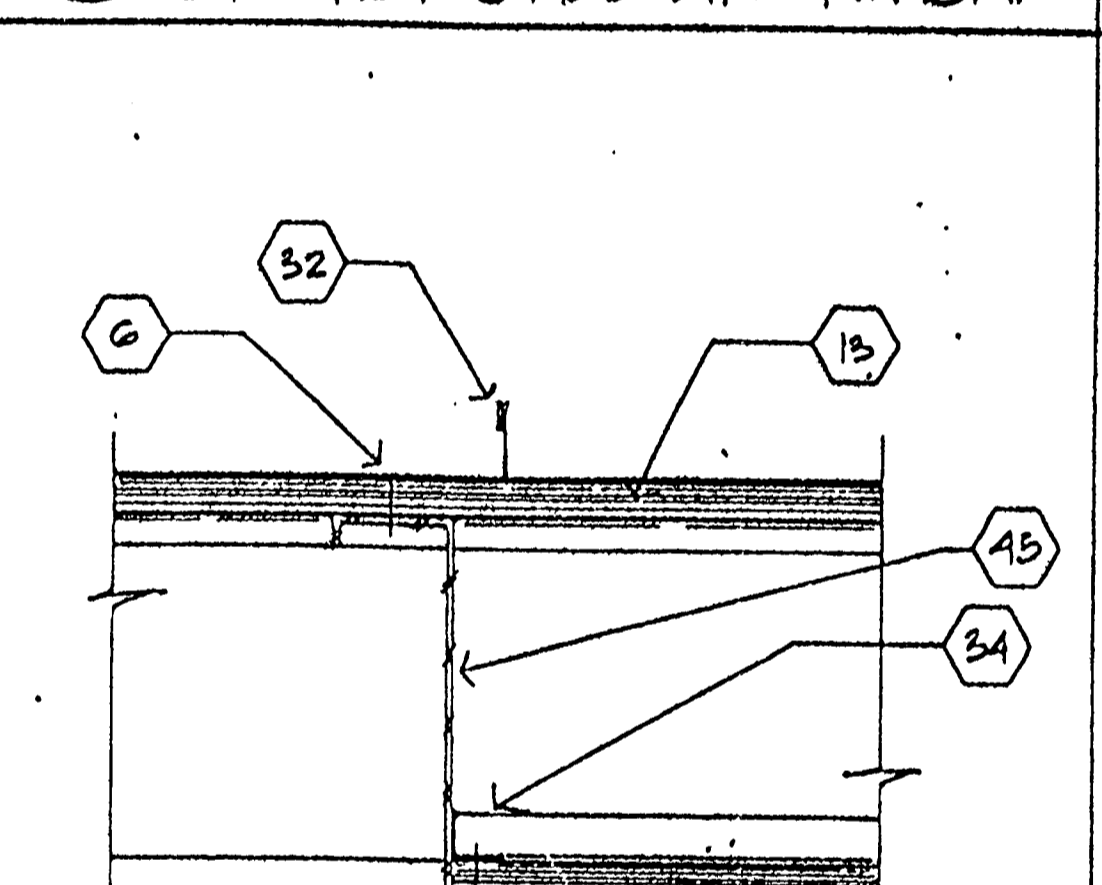
1 WINDOW HEADER



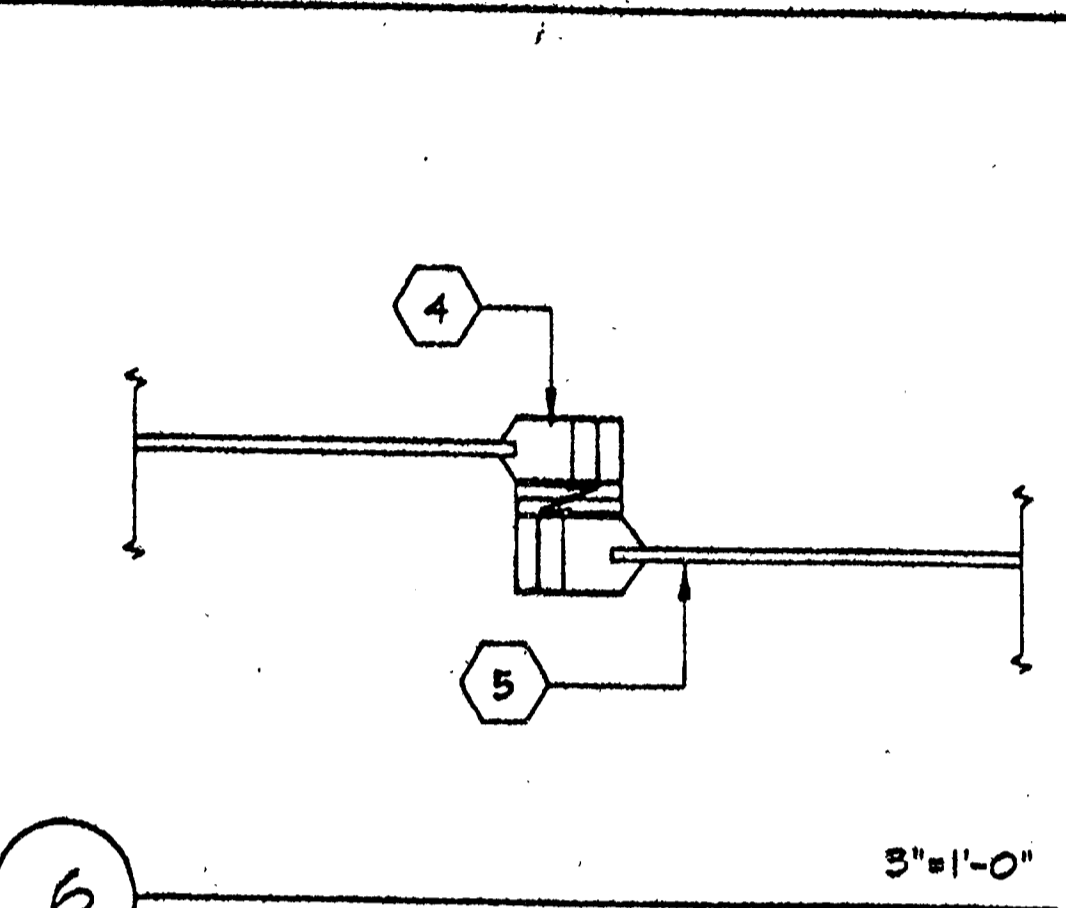
12 DETAIL @ CORNER COLUMN



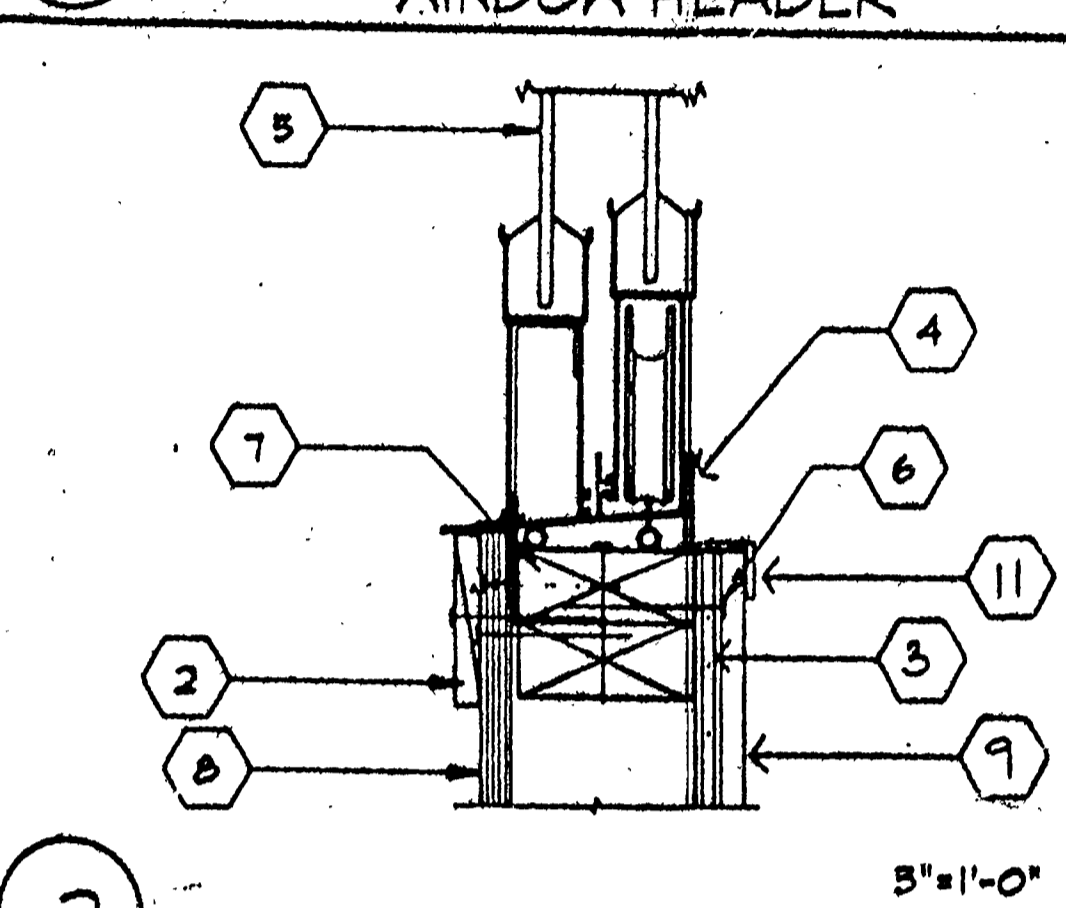
12 SIDE WALL B.M. @ OVERHANG



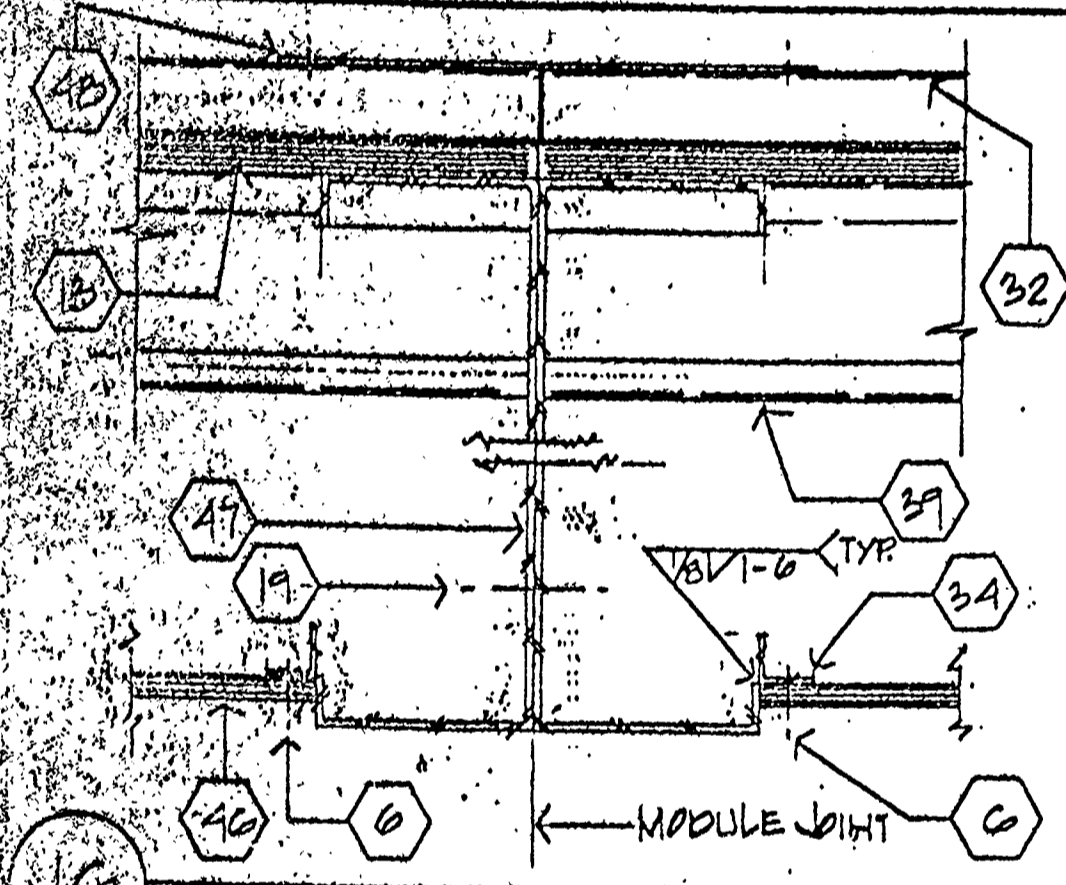
9 SECTION @ MOD-LINE R.F. B.M.



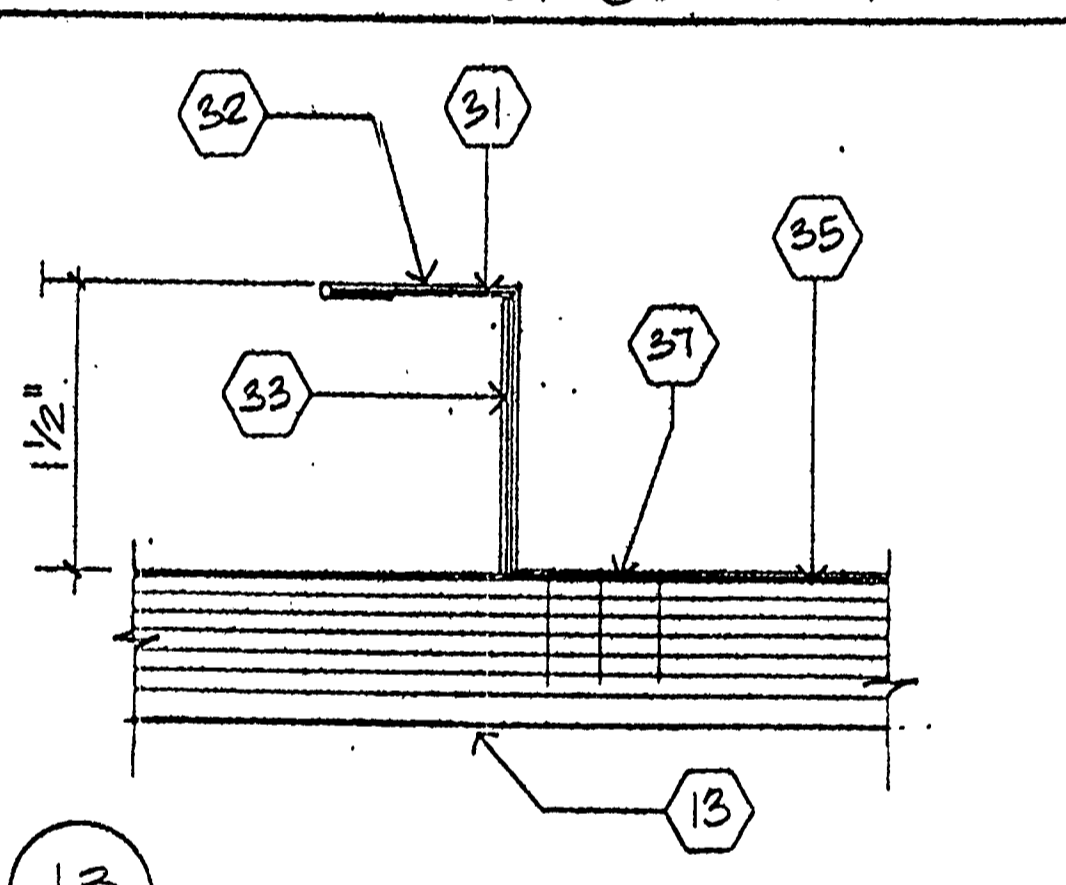
6 MULLION



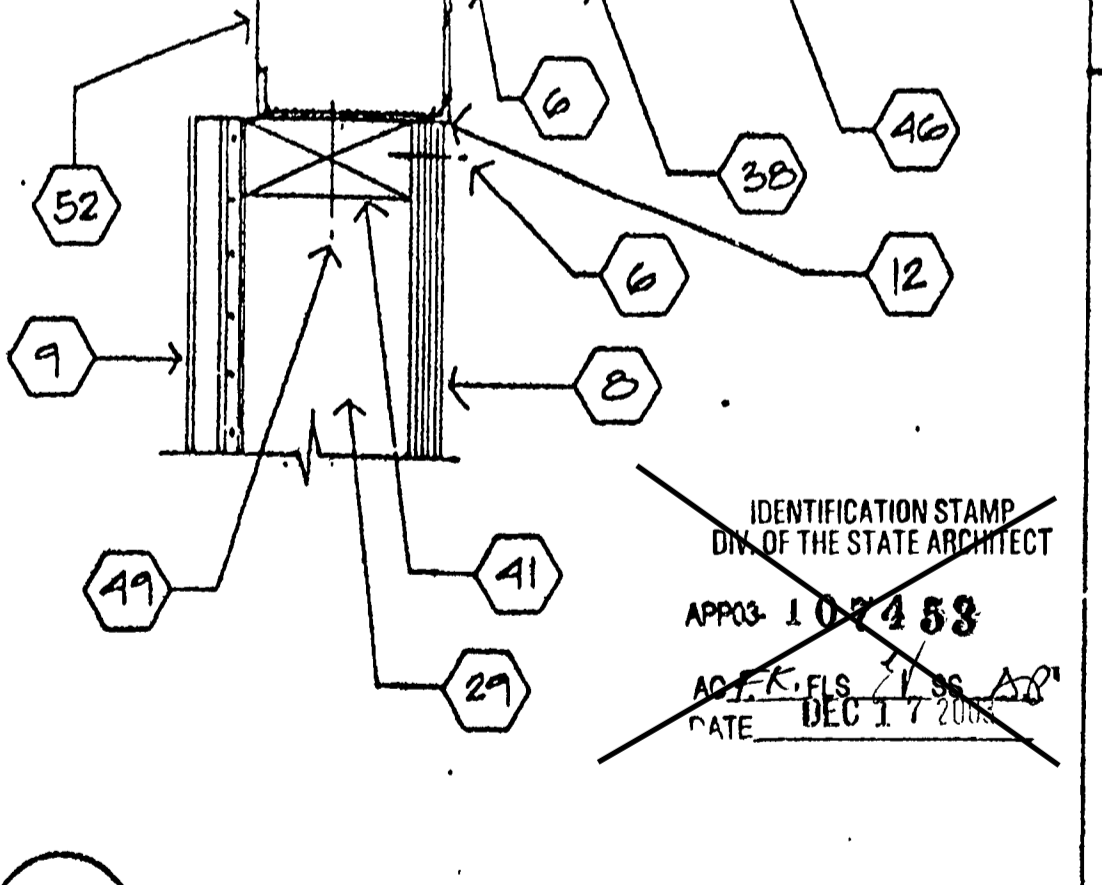
2 SILL PLATE



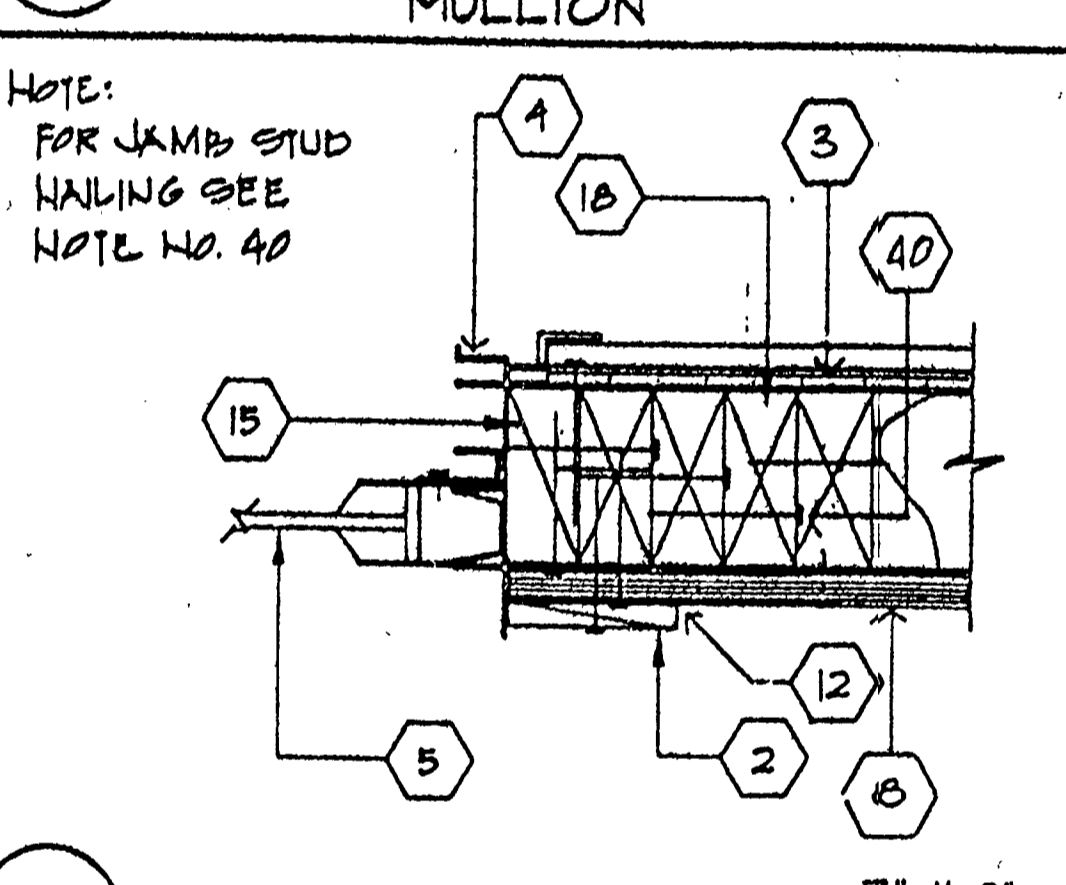
13 MOD-LINE B.M. @ OVERHANG



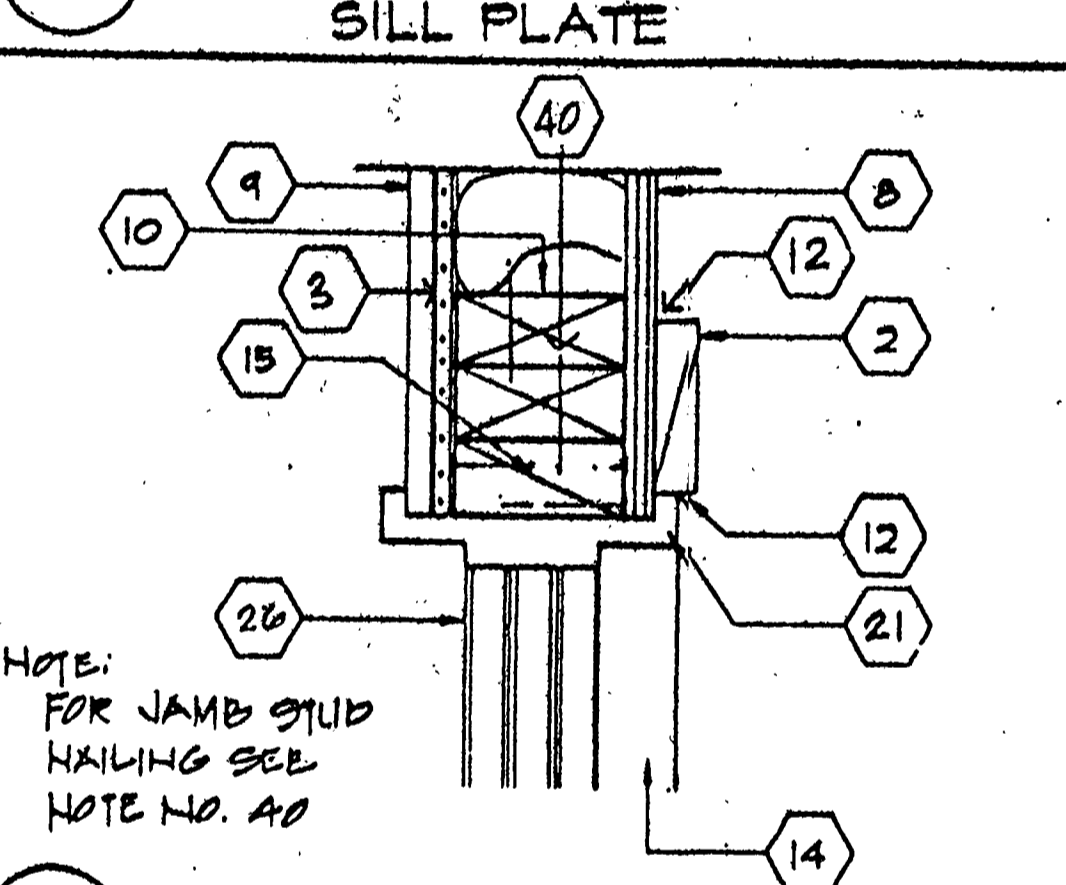
13 ROOF SEAM



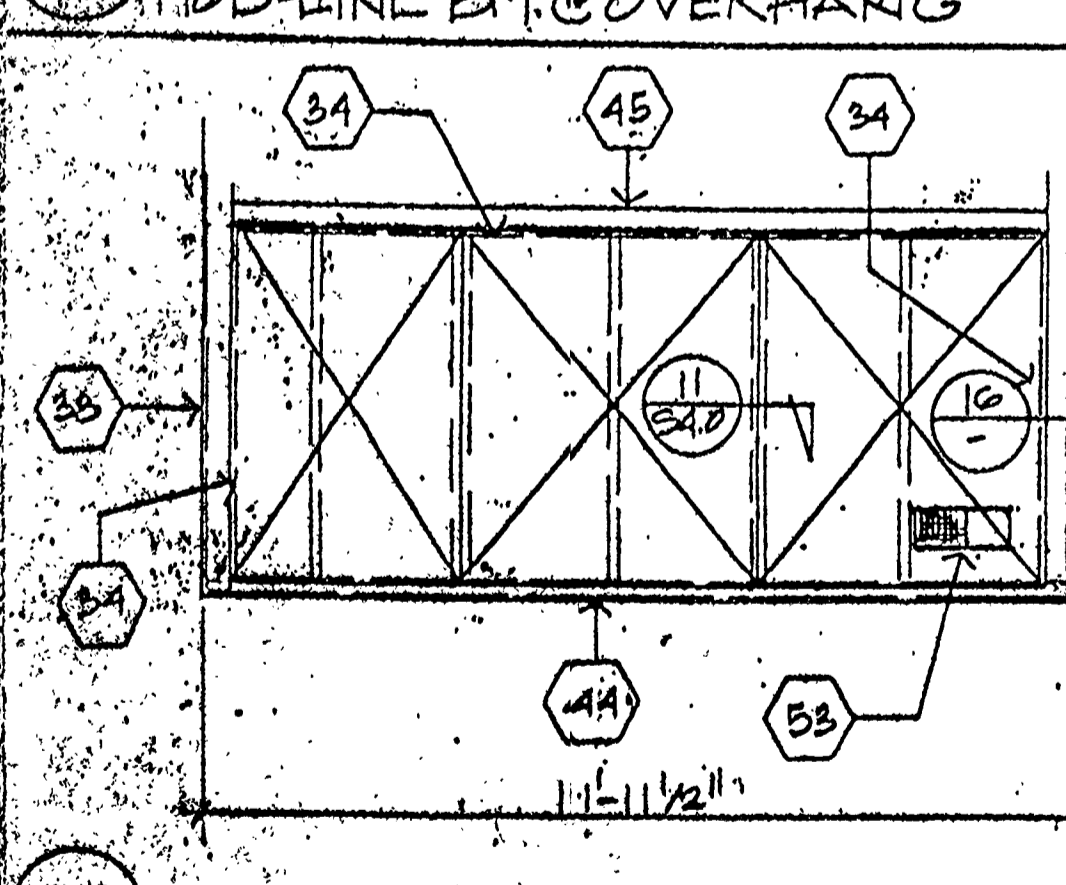
10 SECTION @ R.F. HDR. B.M.



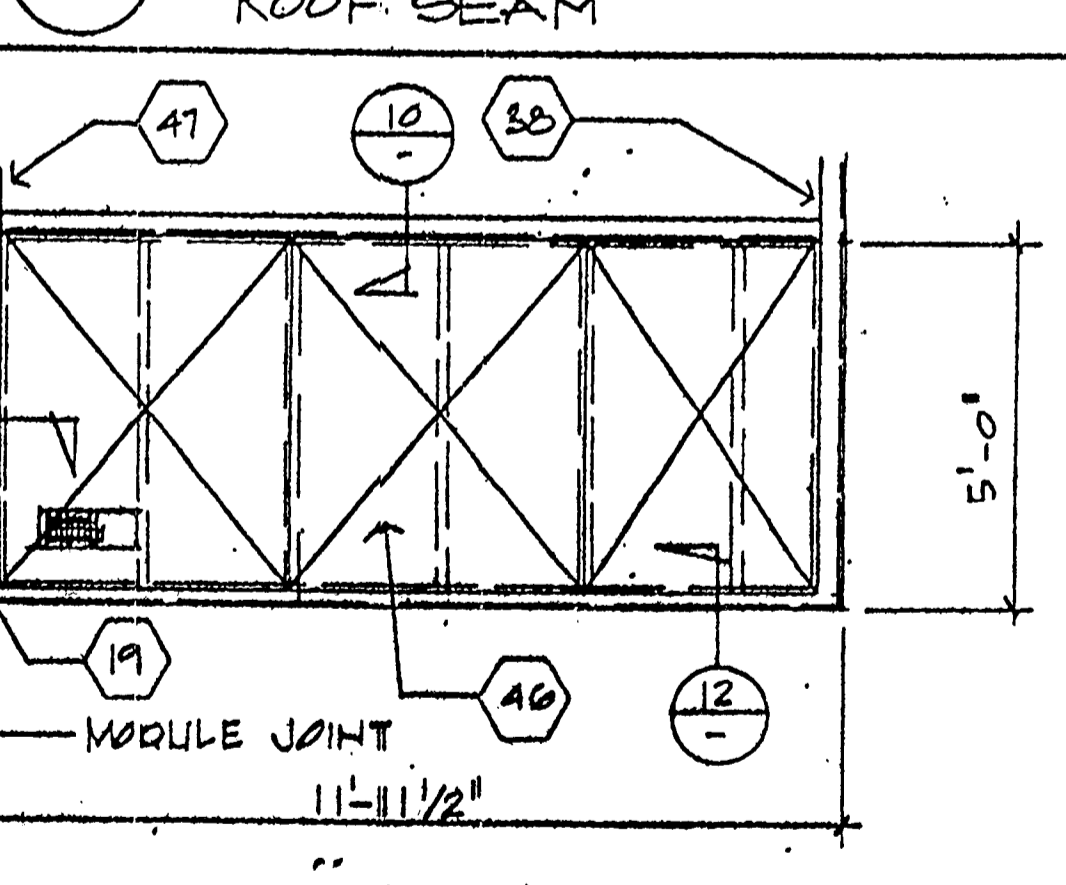
7 WINDOW JAMB



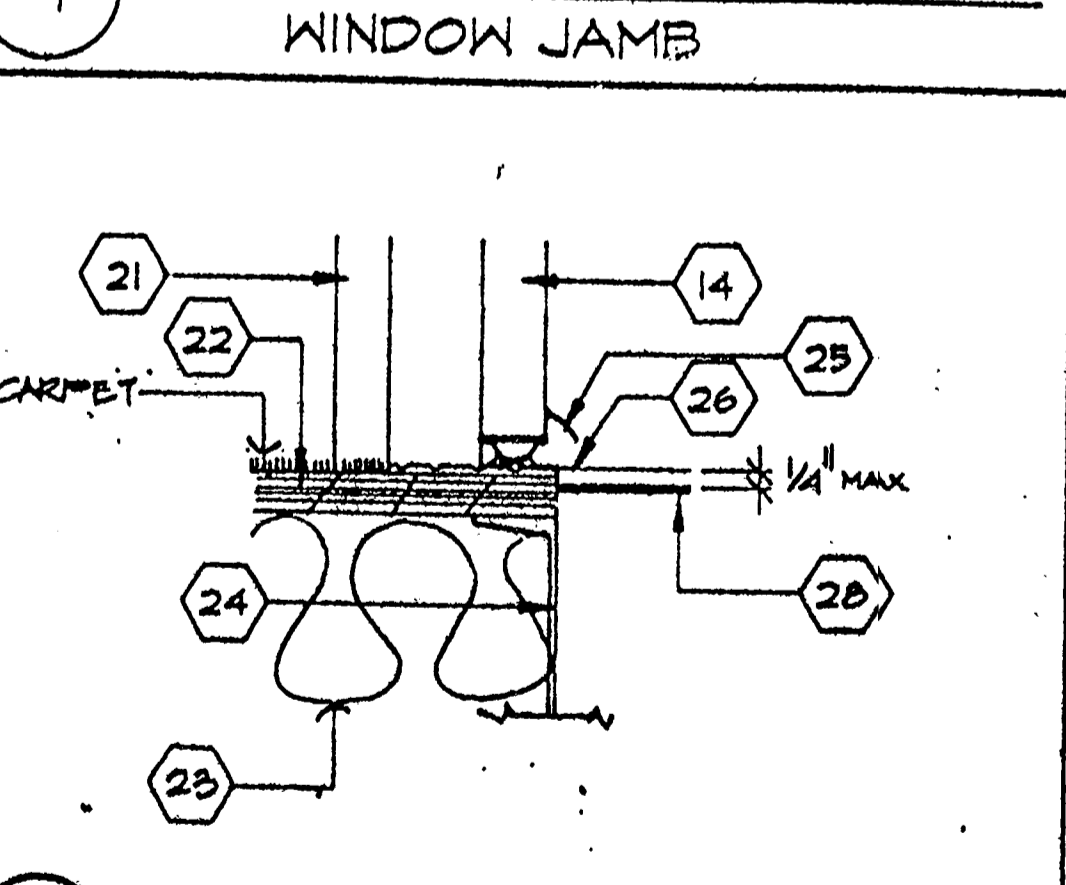
3 DOOR JAMB



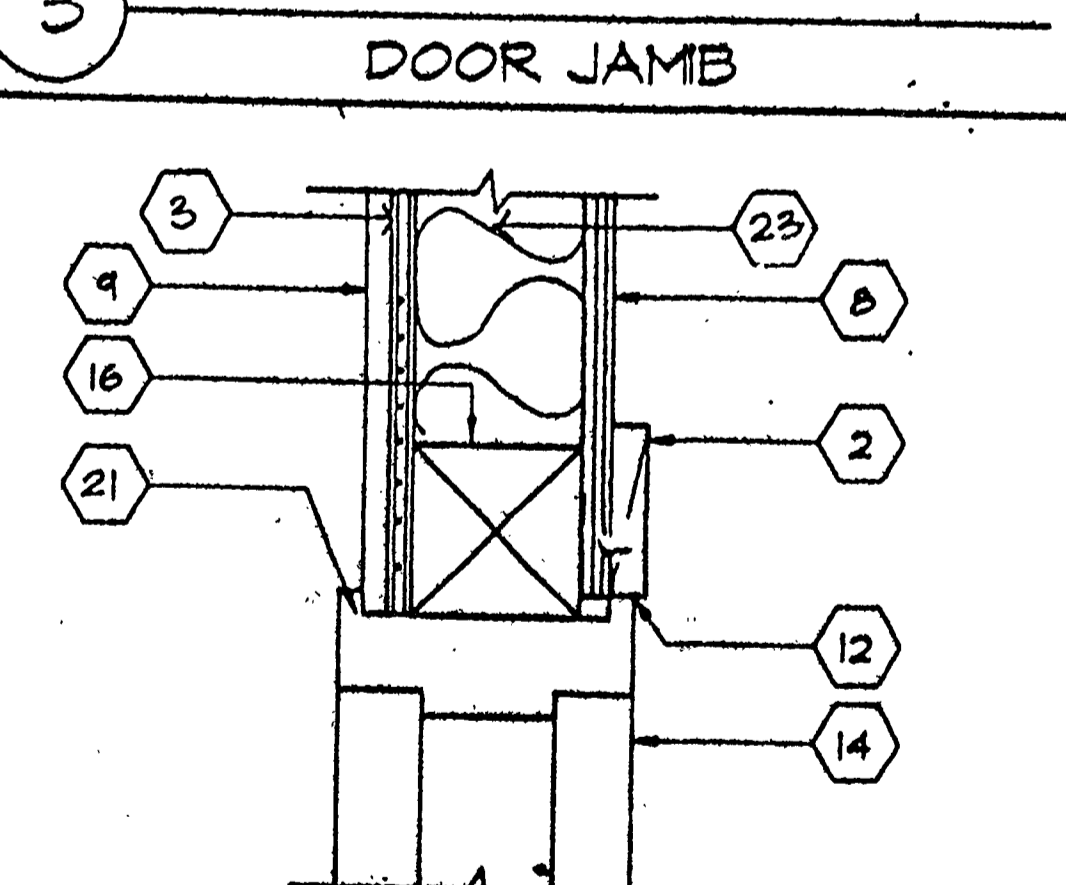
17 SOFFIT @ ROOF OVERHANG (REAR SIMILAR)



10 SECTION @ R.F. HDR. B.M.



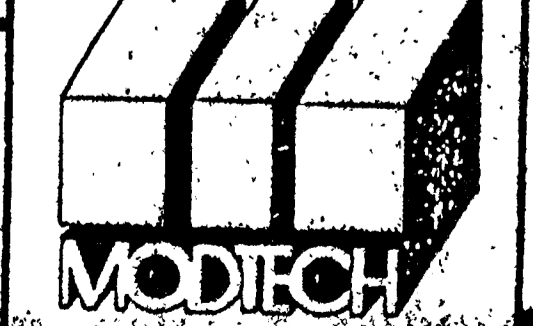
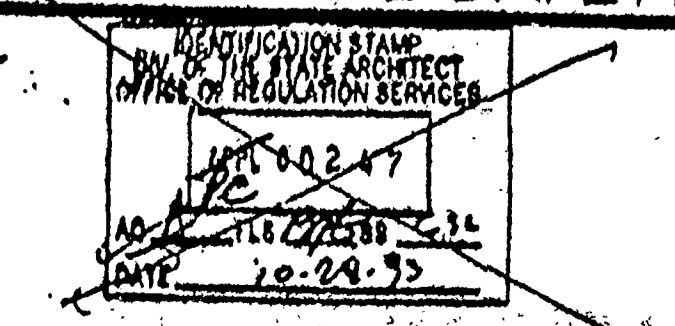
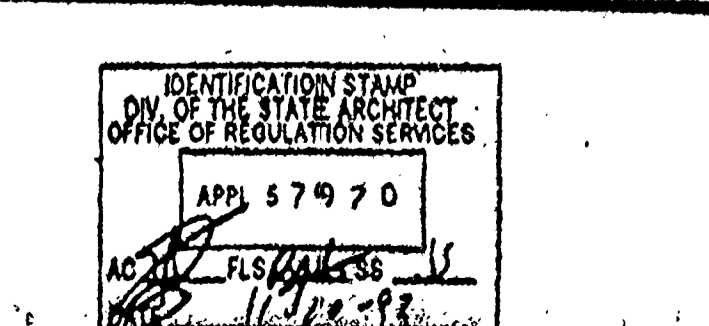
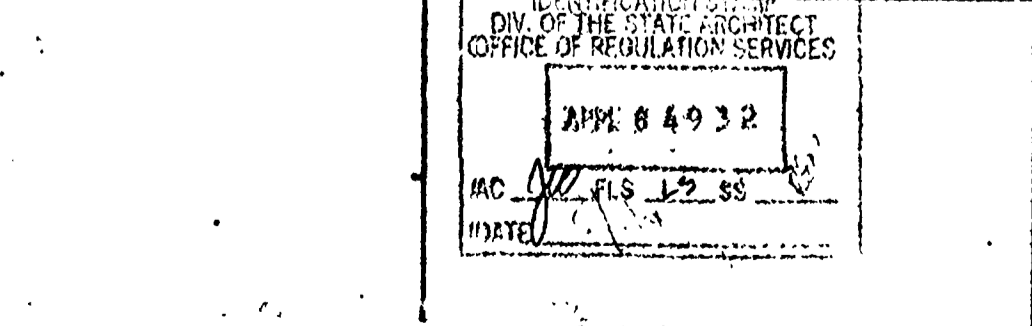
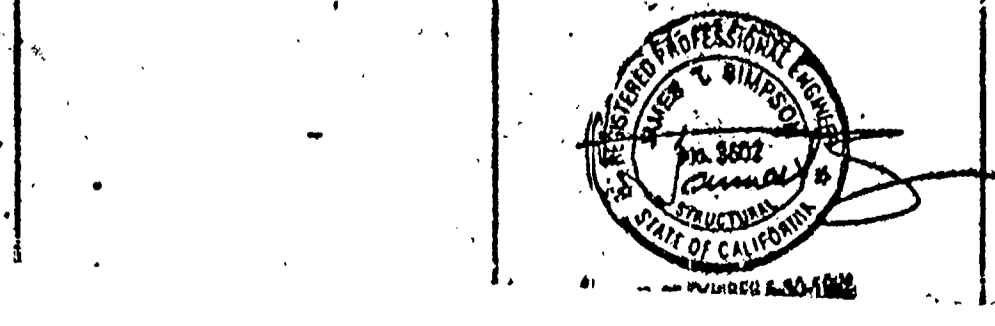
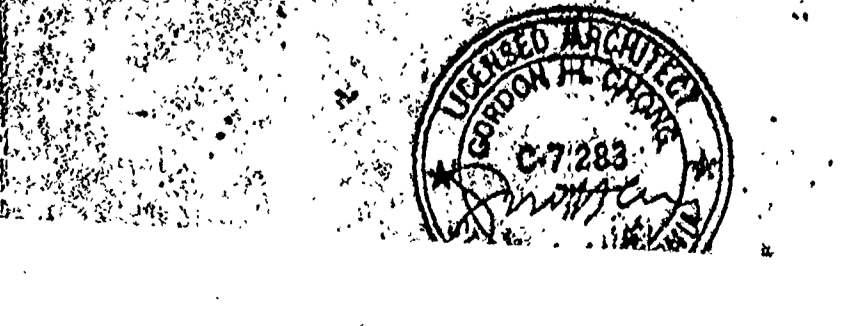
8 THRESHOLD



4 DOOR HEADER

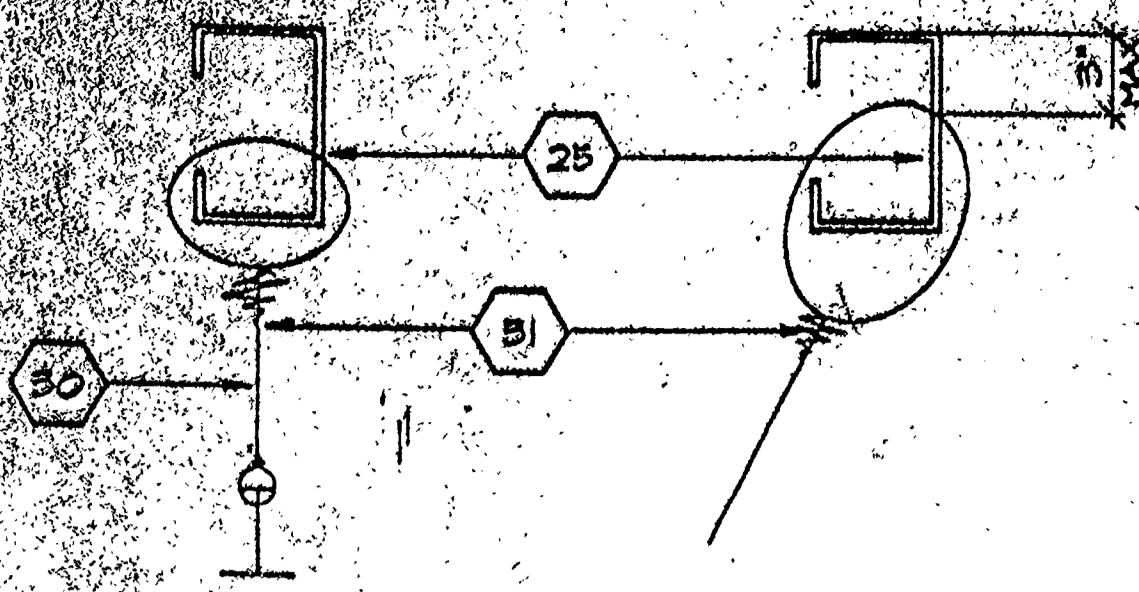
- NOTES**
- 4x6 HEADER
  - 1x4 WOOD TRIM W/SD ELECTRO GALV @ 12" O.C.
  - 1/2" GYPSUM 13/7" COULERS @ 16" O.C. STUDS @ 16" O.C.
  - ALUMINUM WINDOW FRAME INSTALL W/ 5/8" MAX. 2" AT 16" O.C.
  - WINDOW GLAZING. SEE WINDOW SCHEDULE.
  - E.N.
  - (2)-2x4 SILL PLATE W/ 16D @ 16" O.C.
  - TYP. EXTERIOR SIDING (SEE A-B FOR FINISH)
  - TYP. INTERIOR FINISH
  - KING STUDS 2-2x4 FULL HGT.
  - WOOD CORNER MOLDING
  - SEALANT SEE SPECIFICATIONS
  - PLYWOOD R.F. DECK, SEE STRUCT. 3/20
  - 1 3/4" H.M. DR. SEE SPECIFICATIONS
  - 2x4 TRIMMER
  - 4x4 HEADER
  - #10 STEMS @ MAX. 24" O.C.
  - 4 FULL HGT. 2x4 STUDS ATTACH W/ 16D @ 16" O.C. FACE NAIL 5/8" @ M.B. @ MAX. 16" O.C.
  - CEILING, MAIN TIE: 2x2x10
  - H.M. DR. FRAME SEE SPECIFICATIONS
  - PLYWOOD FLOOR SEE STRUCT. 3/20
  - INSULATION SEE SPECIFICATIONS
  - (1)X9.6 FLR. FRAME B.M. SEE STRUCT.
  - DOOR BOTTOM
  - ALUMINUM THRESHOLD
  - 1/4" STIFFENER @ MAX. 16" O.C.
  - FINISH LANDING
  - 2x4 STUD @ MAX. 16" O.C.
  - 24 GA. SM. RIM FLASHING
  - SEALANT END OF BEAM
  - 26 GA. STAND'G. BEAM @ R.F. COVERING
  - ANCHOR BOLT @ MAX. 24" O.C. @ END OF DECK W/ 3/4"
  - 1/2" x 1/2" x 20 GA. TACK TIED TO B.M.
  - 30 lb. FELT- ASPHALT COATED
  - 26 GA. G.I. GUTTER CON'T
  - 3" OD RING CHANNEL: NAIL CLIP (35) TO R.F. DECK.
  - BEAM @ SIDE WALL SEE STRUCT. 4/33.0
  - ROOF PURVIN SEE STRUCT. 5/33.0
  - 16D BOX @ 16" O.C. FACE NAIL OR 2" O.C. TPE NAILING
  - 2x4 TOP PLATE
  - #10 STEMS @ 48" O.C.
  - 20 GA. SM. CEILING CLOSURE
  - FASCIA B.M. SEE STRUCT. 4/33.0
  - HEADER B.M. SEE STRUCT. 7/33.0
  - 3/8" PLYWOOD @ ENCLOSED SOFFIT
  - BEAM @ MODLINE SEE STRUCT. 5/33.0
  - 26 GA. CLOSURE CAP @ RIDGE
  - ABRSMITH "AKKI" 1/4" DIA. DRIVE PINS SEE SH. TABS FOR BRACING. ATT. #10 STEMS
  - COLUMN @ MODLINE SEE STRUCT. 2/33.0
  - MODLINE JOINT @ CHAMFER
  - CORNER COLUMN SEE STRUCT. 1/33.0
  - 2" x 12" FRAMED VENT

ARCHITECT ELECTRICAL STRUCTURAL MECHANICAL FIRE MARSHAL ACCESS COMPLIANCE STRUCTURAL SAFETY

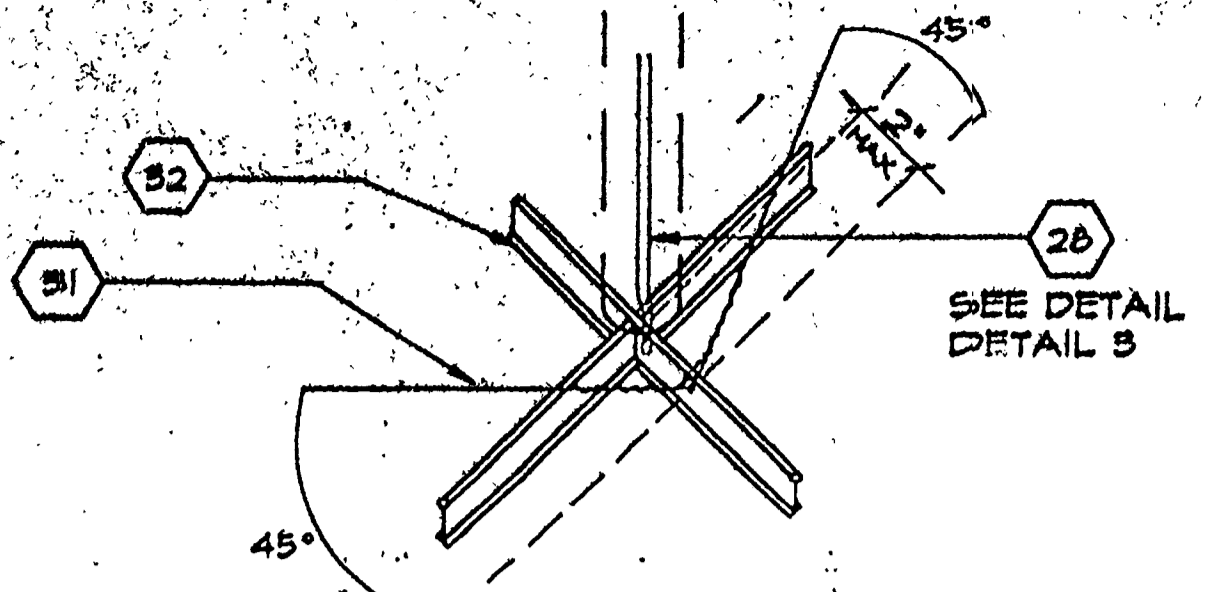


JOB #  
 © MODTECH INC. 1992  
 O. L. A.  
 24'x40' BLD'G. Brook Haven School Interim Classroom Buildings  
 DRAWN BY A.B.  
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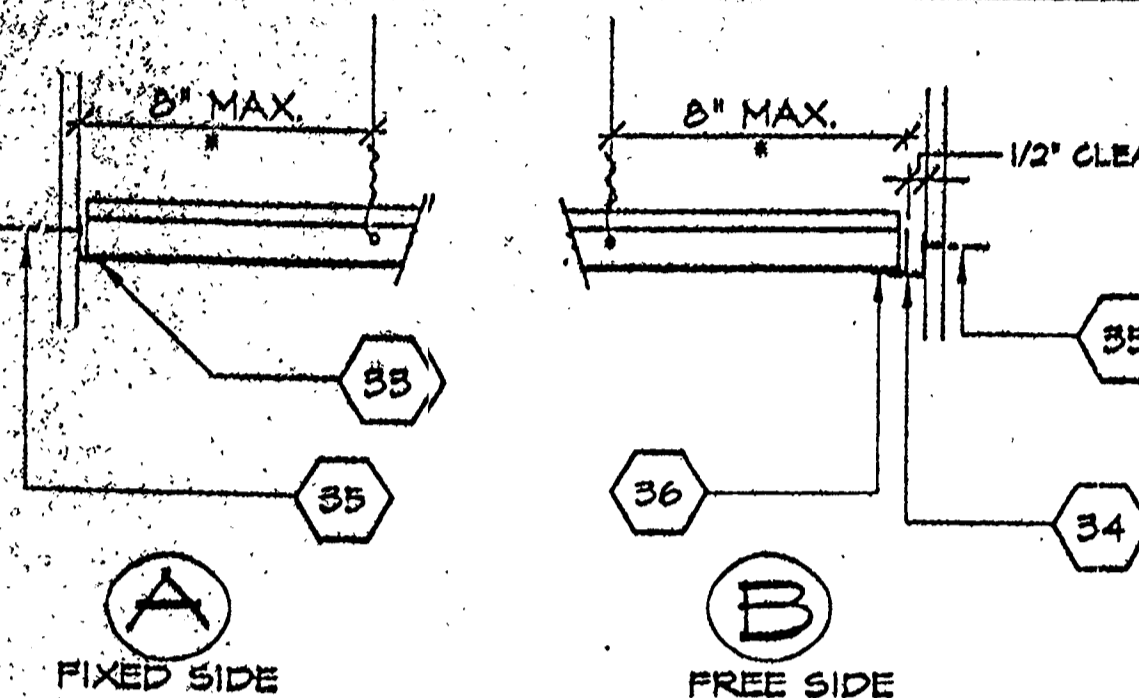




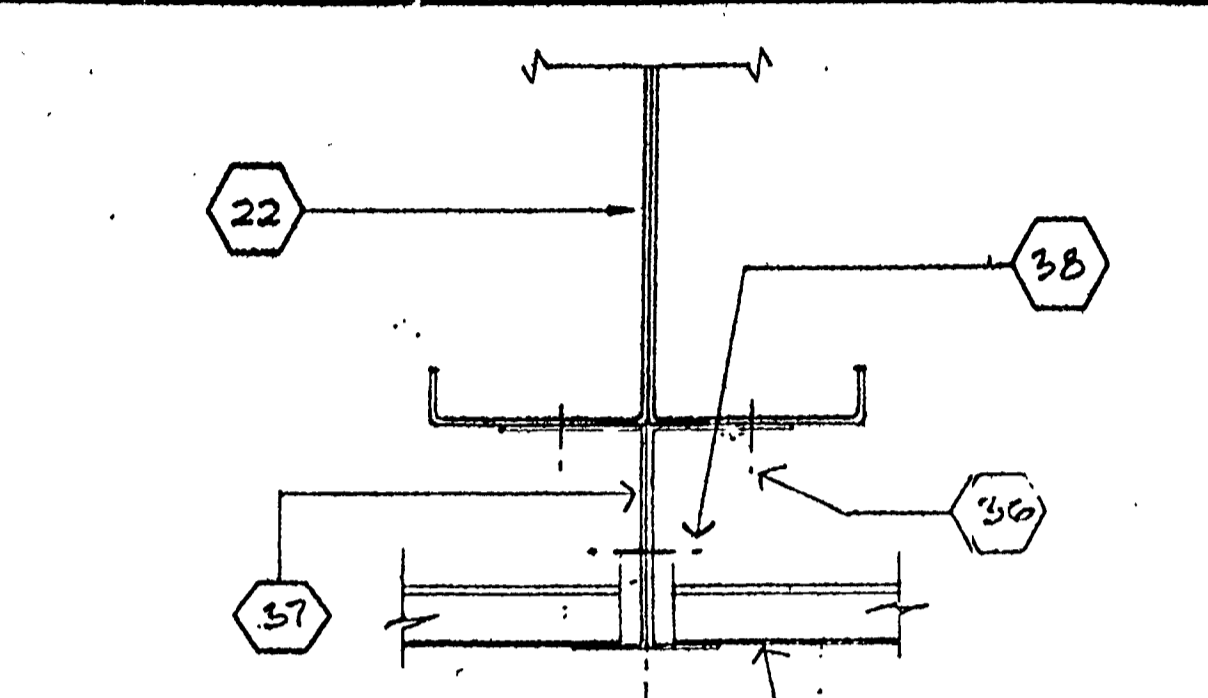
5 SPLAY @ ROOF JOIST



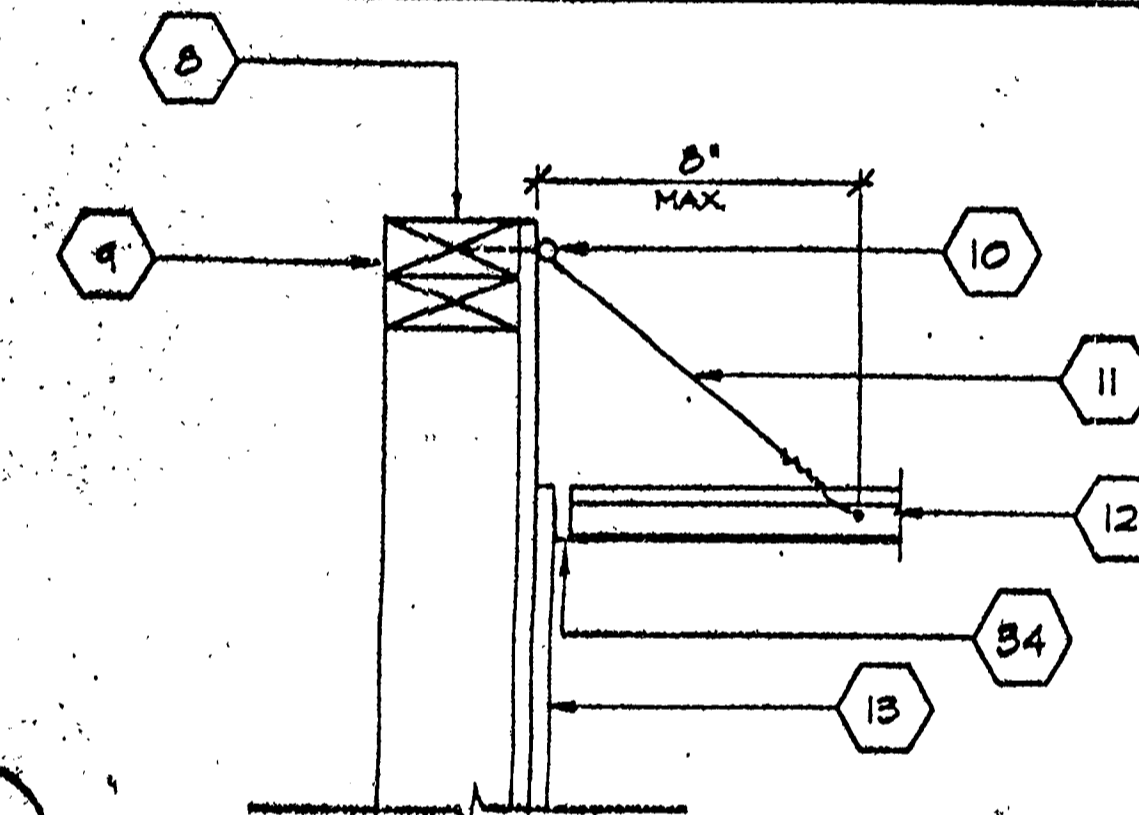
1 SEISMIC SPLAY



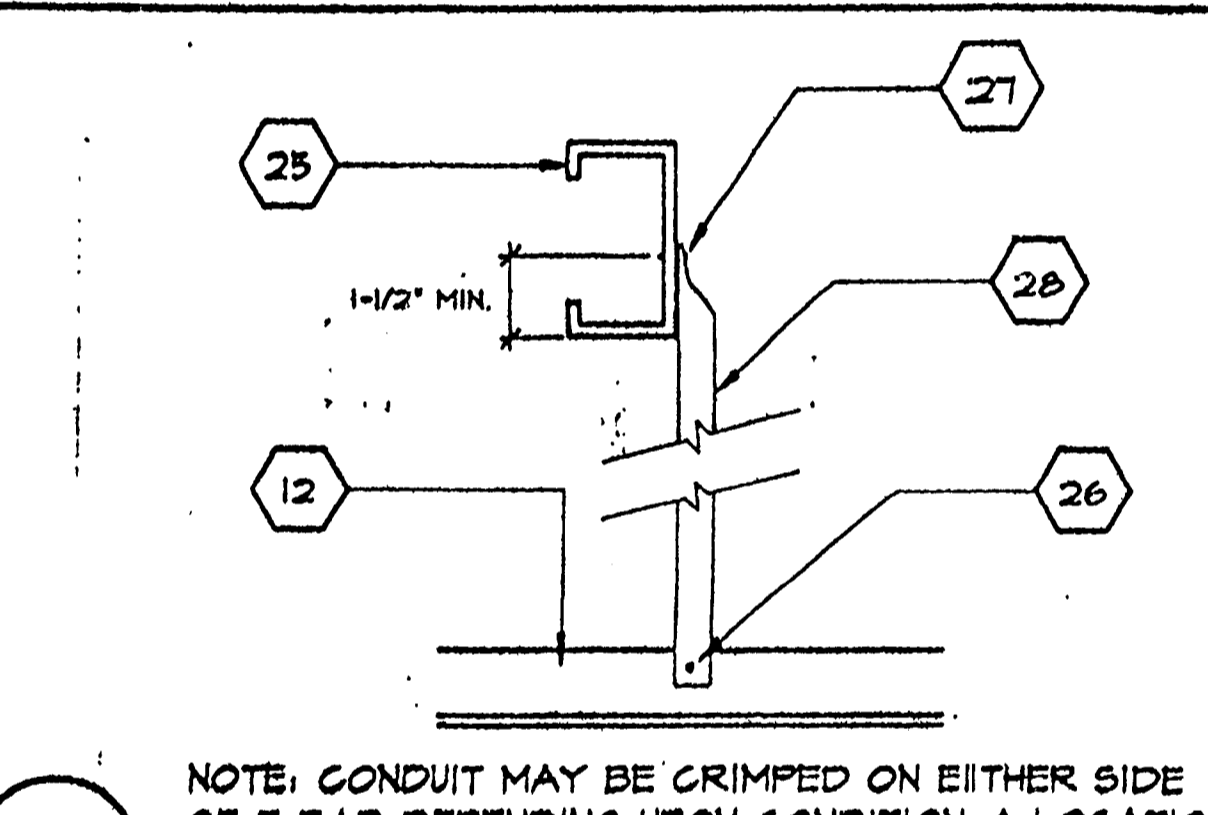
6 GRID @ WALL  
\* OR 1/4 OF THE LENGTH OF THE END RUNNER, WHICHEVER IS LESS



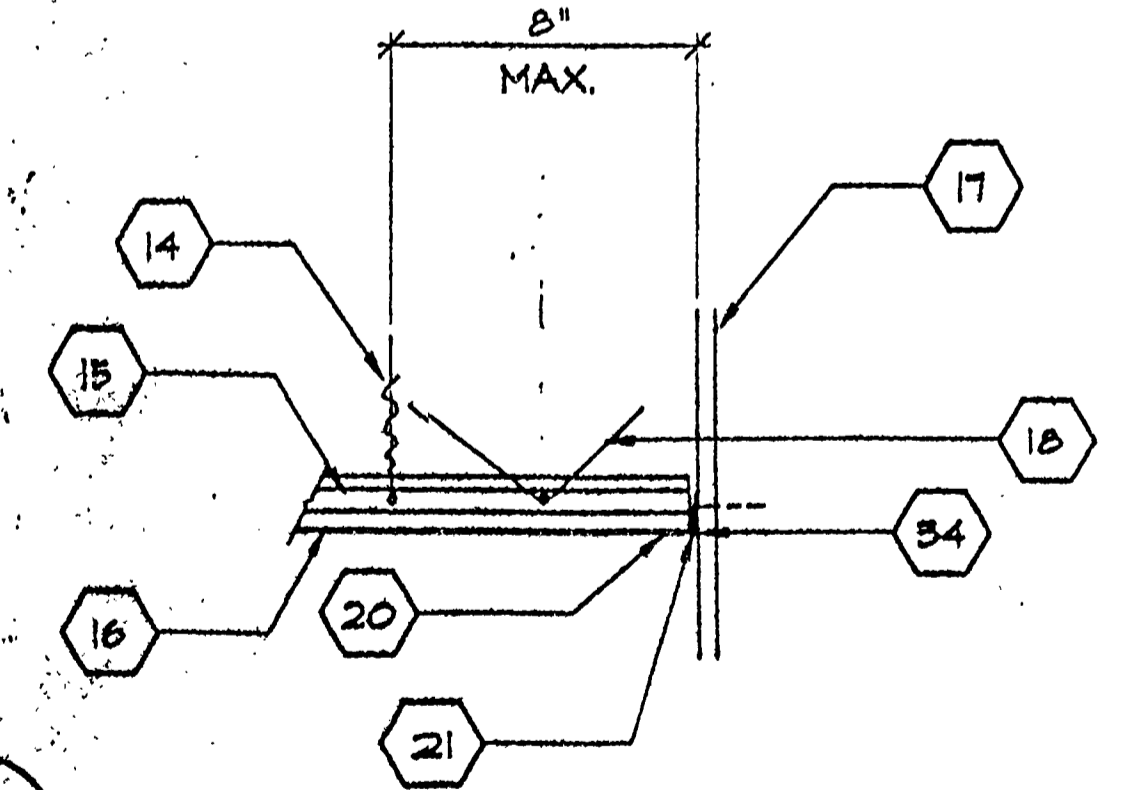
2 GRID @ MODLINE



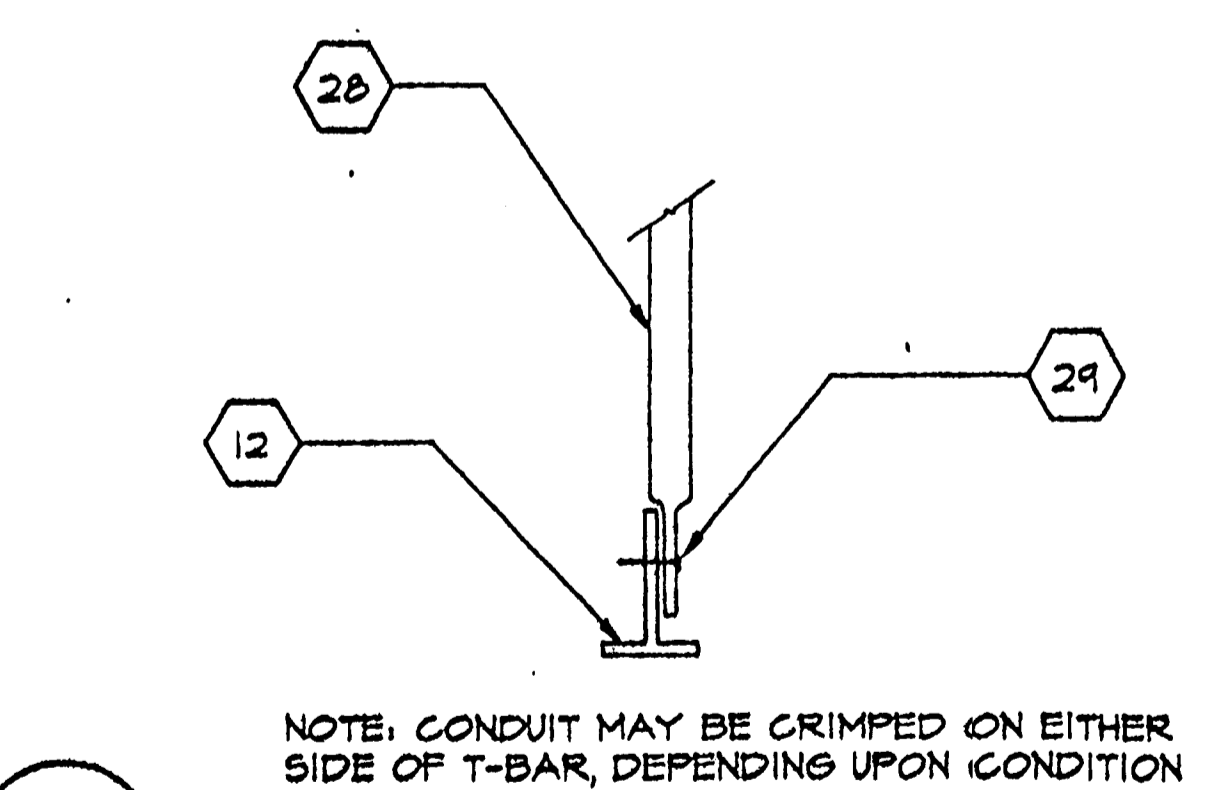
7 ALT. GRID @ WALL  
ALT. TO DETAIL NO. 6A



3 CONDUIT CONN. @ TOP  
NOTE: CONDUIT MAY BE CRIMPED ON EITHER SIDE OF T-BAR DEPENDING UPON CONDITION & LOCATION



8 ALT. GRID @ WALL  
ALT. TO DETAIL NO. 6B



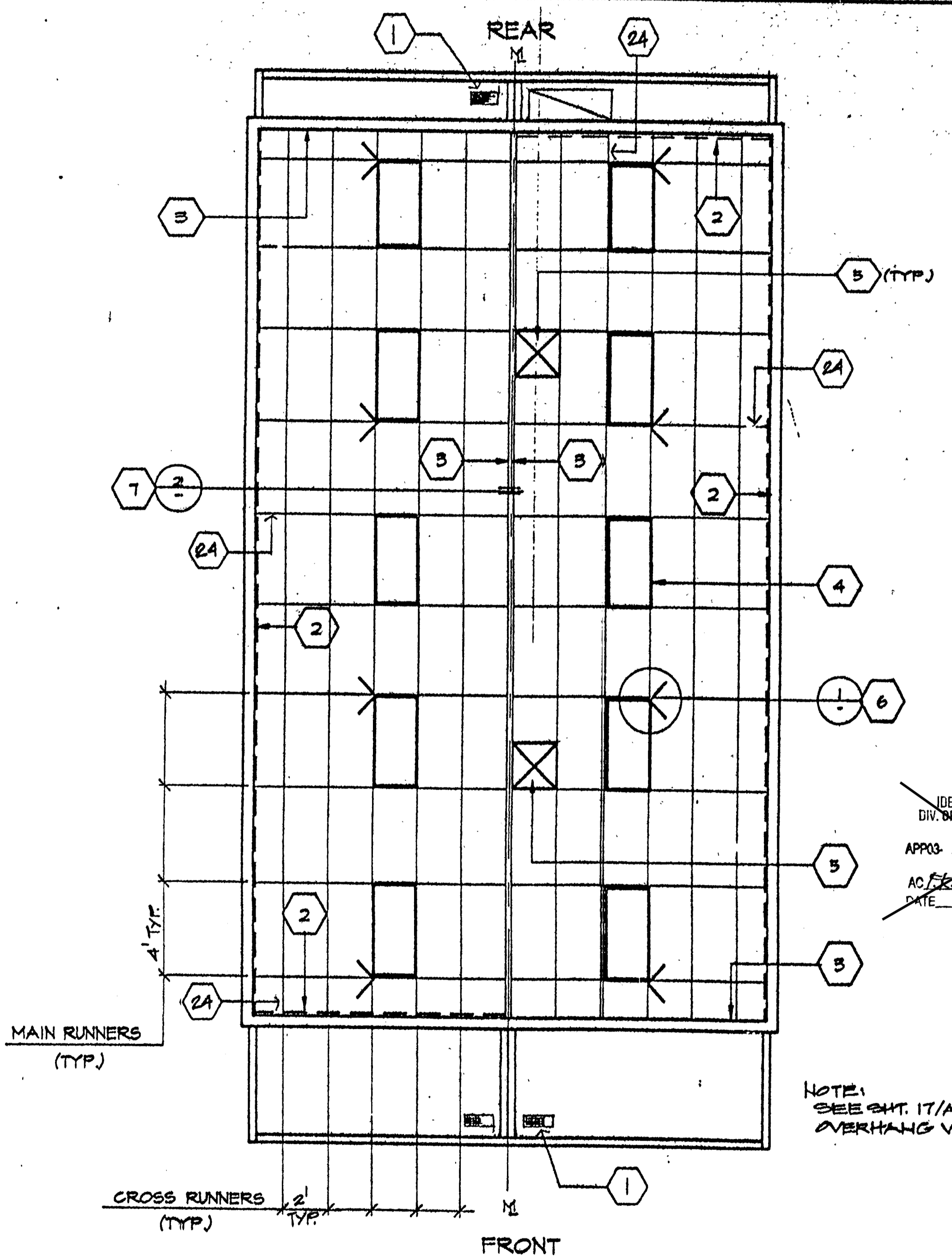
4 CONDUIT CONN. @ BTM.  
NOTE: CONDUIT MAY BE CRIMPED ON EITHER SIDE OF T-BAR, DEPENDING UPON CONDITION AND LOCATION

GENERAL NOTES

- A MAIN RUNNERS • 4" x 1" W/12GA. HANGER WIRES • END OF EACH RUNNER
- B AT THE END OF ROWS OF RUNNERS A 12GA. HANGER WIRE SHALL BE ATTACHED WITHIN 6" OF WALL OR SOFFIT
- C VERTICAL WIRES MORE THAN 1-IN-8 OUT OF PLUMB SHALL HAVE COUNTERBRACING WIRES.
- D ELECTRICIAN SHALL PROVIDE 2-12GA. SLACK WIRES TO HOUSING OF ALL LIGHT FIXTURES AT DIAGONAL CORNERS WIRES SHALL BE ATTACHED TO STRUCTURE.
- E RUNNERS MAY BE ATTACHED TO WALLS OR MOLD AT 2-ADJACENT WALLS, OTHER WALLS NO ATTACHMENT, CLEARANCE OF 1/2" BETWEEN END OF RUNNERS AND FACE OF WALL.
- F CEILING AREAS SHALL HAVE 2-WAY SPLAYS PER DETAIL 1 IN LOCATIONS INDICATED ON DRAWINGS. WIRES TAUT BUT NOT TO DISTORT GRID.
- G MAIN RUNNERS, CHICAGO #1876, 1 CROSS TEE, CHICAGO #1834, 2 CROSS TEE, CHICAGO #1834 WALL ANGLE, CHICAGO #1420, HEAVY DUTY SYSTEM
- H LIGHT FIXTURES, 2' x 4' RECESSED, ATTACHED TO GRID W/4-#8 SHEET METAL SCREWS
- I DUCTWORK SHALL BE RIGIDLY ATTACHED TO BUILDING AND SHALL NOT BE CLOSER THAN 6" TO HANGER WIRES
- J REGISTERS SHALL BE POSITIVELY ATTACHED TO GRID W/4-#10 S.M.S. PROVIDE 2-12GA. SLACK WIRES FROM REGISTERS OR S.M. DUCT TRANSITION TO STRUCTURE ABOVE. METAL STRAPS MAY BE USED AS ALT.
- K ACOUSTICAL PANELS SHALL BE 5/8" MIN. MINERAL FIBERBOARD OR VINYL-FACED FIBERGLASS LAY-IN PANELS SQUARE EDGE ASTM FLAME SPREAD INDEX CLASS (0-25), 24X48 MODULAR SIZE, LIGHT REFL., 75% NOISE REDUCTION COEFFICIENT OF 0.85 MIN.

NOTES

- 1 6" WIDE SCREENED VENTS X 16" LG. 1" VENT
- 2 DASHED LINES INDICATES FIXED SIDE SEE DETAIL 6A
- 3 NON-DASHED LINES INDICATES FREE SIDE SEE DETAIL 6B
- 4 2'x4' ELECTRICAL LIGHT FIXTURE RECESSED
- 5 SUPPLY AIR DIFFUSER
- 6 SEISMIC SPLAY WIRE SEE DETAIL 1/1/14.8
- 7 MODLINE
- 8 TOP PLATE
- 9 DOUBLE TOP PLATE (WHERE OCCURS)
- 10 3"x1/4" EYED SCREW
- 11 HANGER TO WALL WHERE NO RAFTER ABOVE
- 12 T-BAR
- 13 WALL VINYL TO ABOVE GRID
- 14 12GA. HANGER WIRE AT THE END OF EACH RUNNER
- 15 MAIN RUNNERS OR CROSS TEES
- 16 ACOUSTICAL BOARD
- 17 WALL
- 18 HORIZONTAL STRUTS SHALL RUN CONTINUOUS AT ALL PERIMETERS, NOT POP RIVETED TO THE WALL, ANGLE RING NAILS SHALL BE INSTALLED AT ALL COMPONENT INTERSECTIONS WITH THE HORIZONTAL STRUT AT UNATTACHED WALLS
- 19 NO POP RIVETS
- 20 PROVIDE SPACE AT ALL MEMBERS AT OPPOSITE WALL
- 21 BEAM @ MODLINE
- 22 SUSPENSION "TEE" TO LAY ON TOP OF FLANGE OF BM. @ MODLINE
- 23 POP RIVET @ EA. T-BAR
- 24 ROOF FURLIN
- 25 CRIMP CONDUIT AND ATTACH TO T-BAR GRID W/10 TEKSCREW
- 26 CRIMP CONDUIT TO RAFTER W/2-#10 TEK. SCREW
- 27 3/4" E.M.T. CONDUIT
- 28 #8 TEKSCREW
- 29 12GA. HANGER WIRE IN PUNCHED OR DRILLED HOLE
- 30 12GA. WIRE WITH 4 WRAPS IN 1/2" (TYP)
- 31 MAIN RUNNER
- 32 WALL ANGLE WITH POP RIVET TO EACH T-BAR
- 33 WALL ANGLE W/1/2" DIA. TO STUD
- 34 6d 16" @ FRAMING
- 35 ANGLE WITH POP RIVET TO EACH T-BAR AND CONN. TO WALL ANGLE
- 36 26GA. S.M. CEILING GRID CLOSURE
- 37 #10 STMS CAB'G.C.



REFLECTED CEILING PLAN

SCALE 1/4"=1'-0"

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APPROX. 10 24 53  
AC. 118 11 55 42  
DATE DEC 17 2003

- < SEISMIC SPLAY
- 2'x4' LIGHT FIXTURE
- ⊗ SUPPLY AIR GRILL

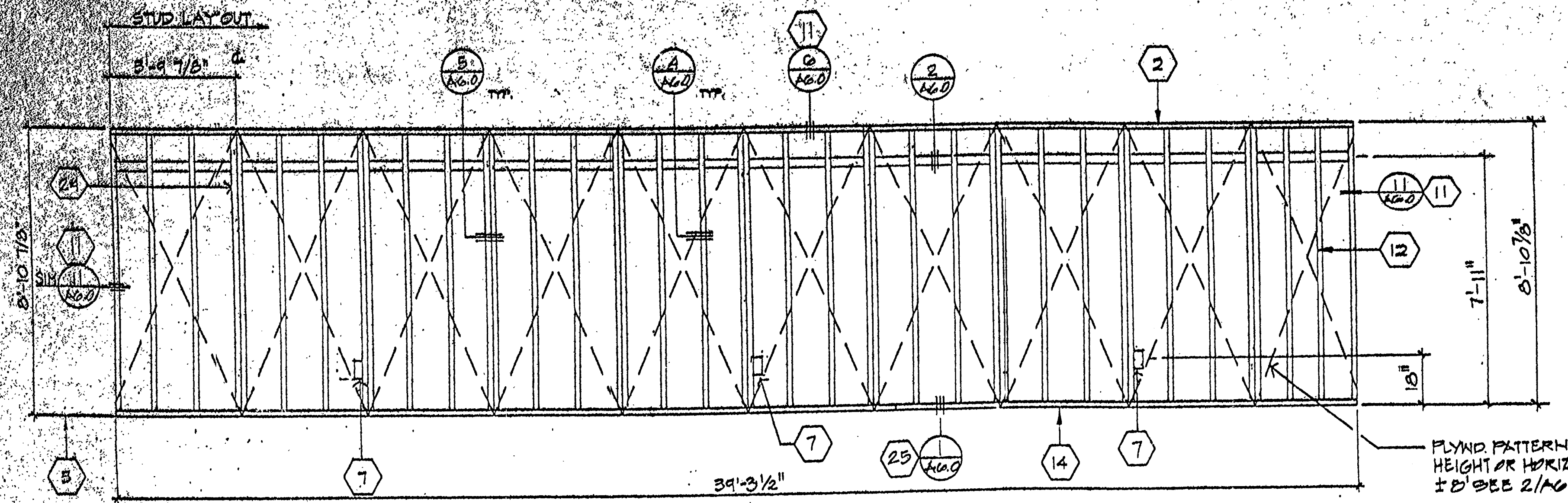
UNIT "A" AS SHOWN  
UNIT "B" OPPOSITE HAND  
ALL BUILDINGS SHALL BE UNIT "B"

ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	ACCESS COMPLIANCE	STRUCTURAL SAFETY	JOB #	© MODTECH INC. 1992	DRAWN BY A.E.
									DATE
									CHECKED BY
									DATE

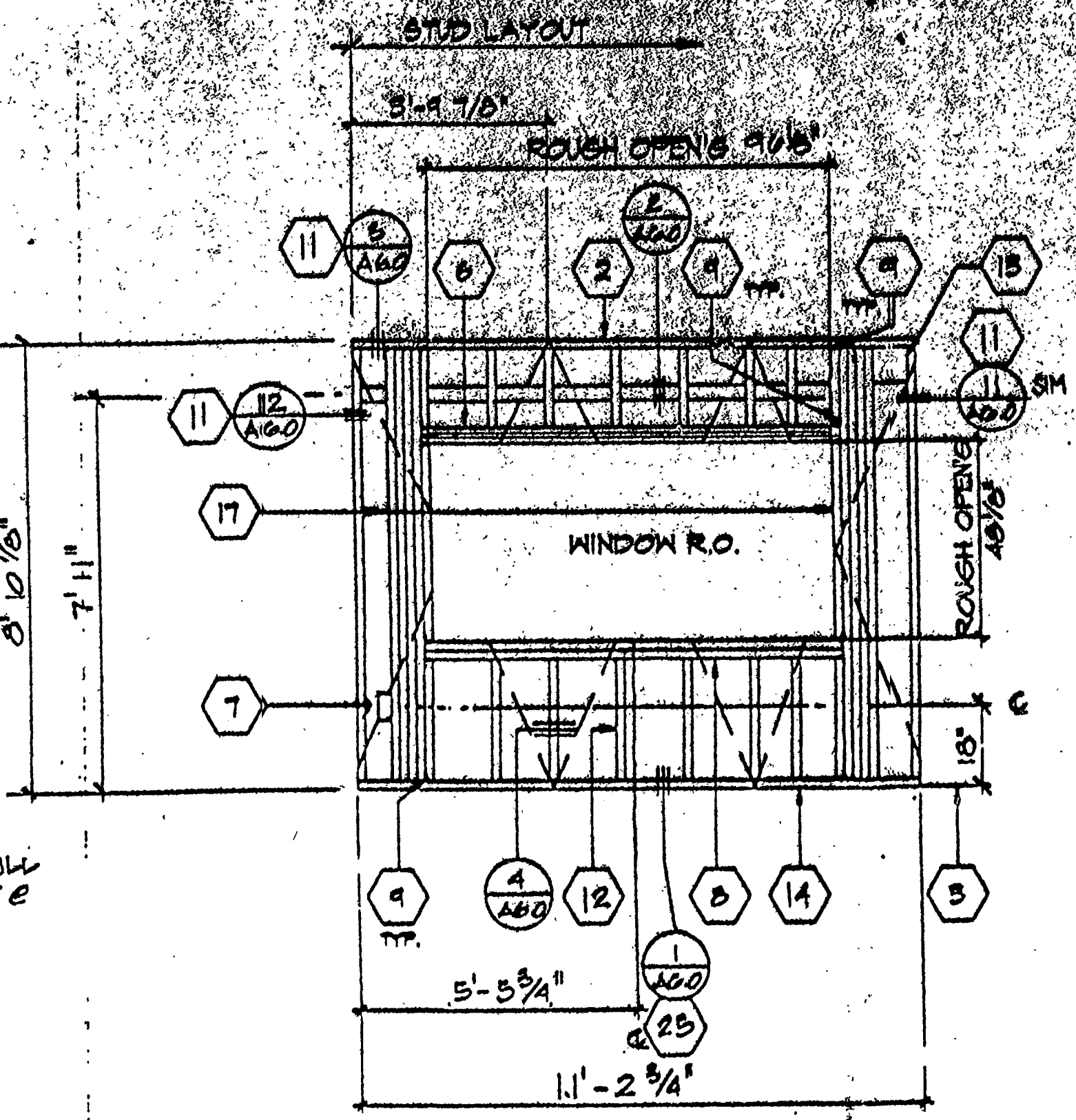
MODTECH INC.

O. L. A.  
24'x40' BLD'G. Brook Haven School  
Interim Classroom Buildings

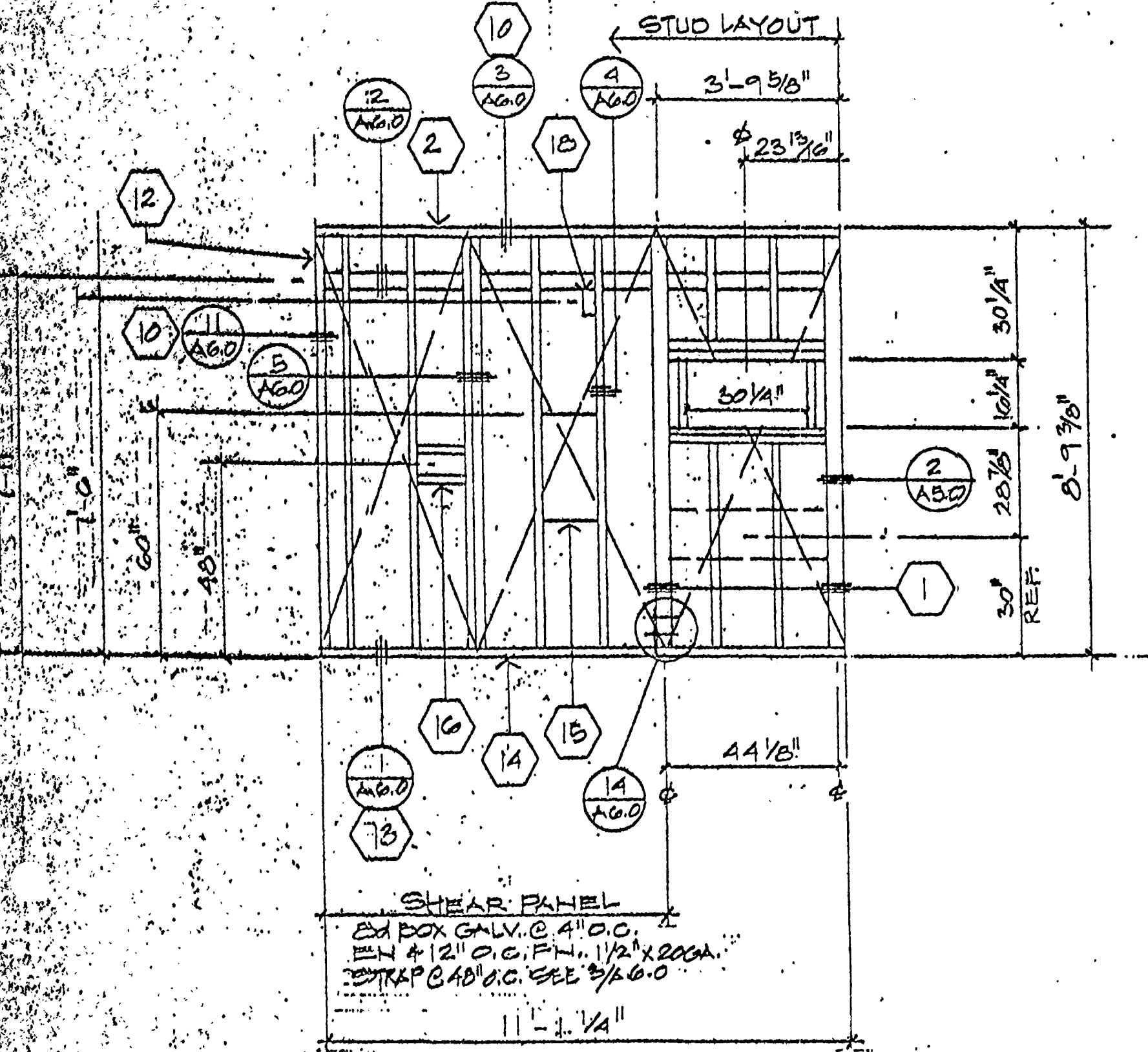
REFLECTED CEILING PLAN/DETAILS A40  
STOCKPILE 57970



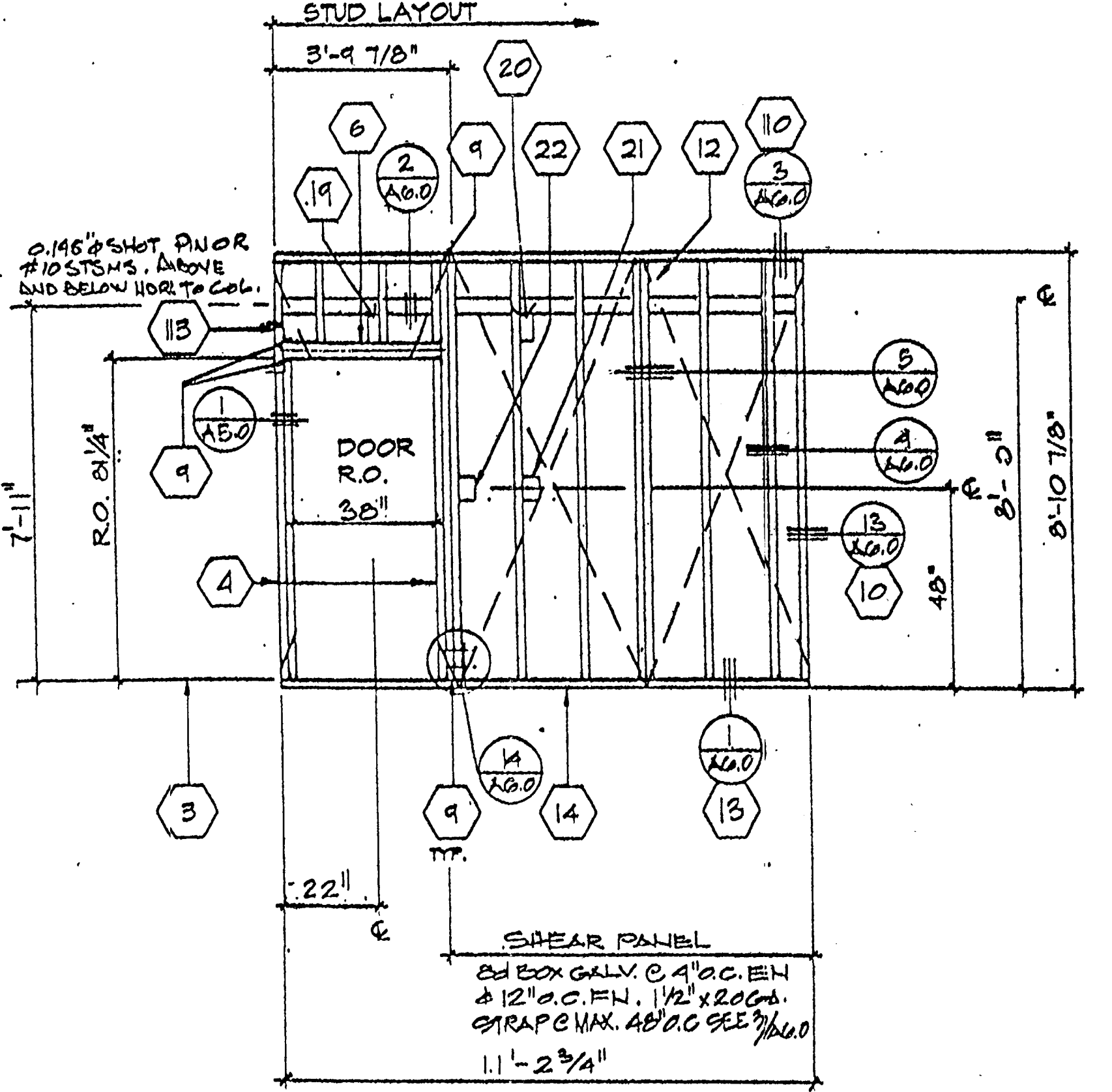
NOTE:  
1/2" x 20GA STRAP @ MAX. 48" O.C.  
SEE 4/A.G.O.



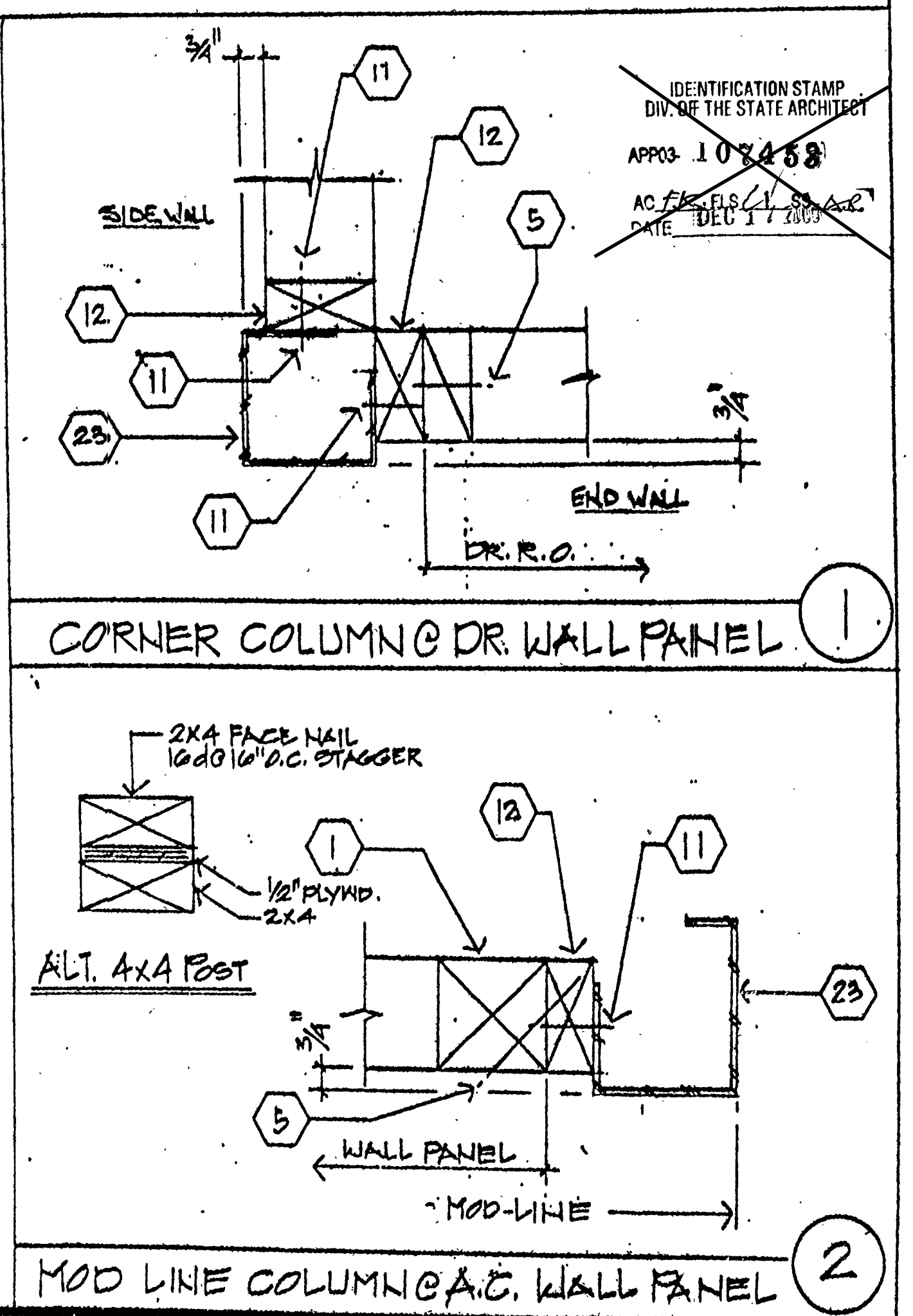
B  
B, OPPOSITE HAND



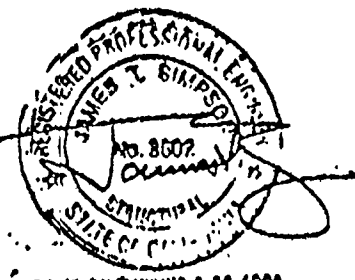
C  
C, OPPOSITE HAND



D  
D, OPPOSITE HAND

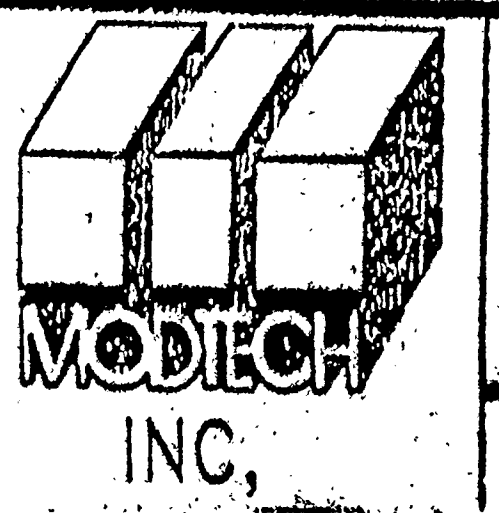
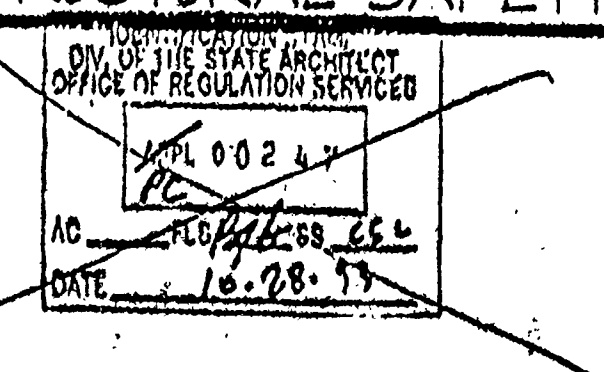
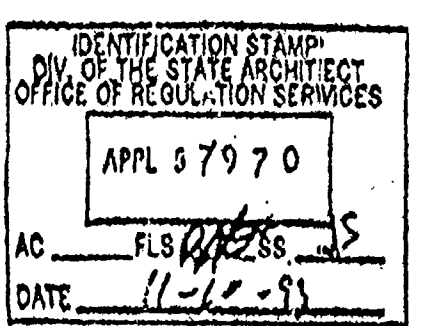
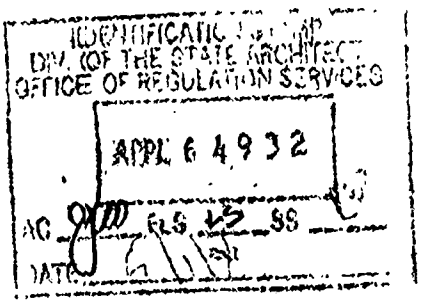
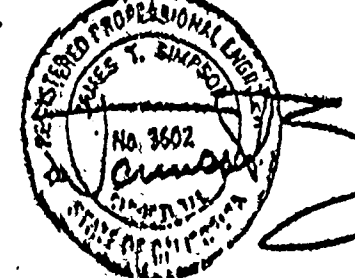
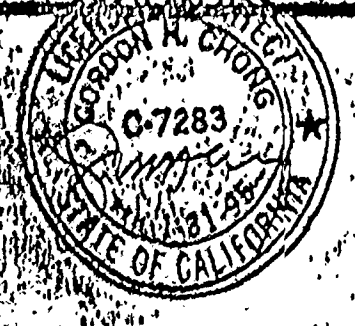


- ### NOTES
- 1 4x4 POST (SEE ALT. 2/ABO)
  - 2 2x4 TOP PLATE
  - 3 FINISH FLOOR
  - 4 2x4 FULL HGT. KING STUDS AND 2x4 TRIMMER
  - 5 10d BOX C MAX. 16" O.C. FACE NAIL OR 8" O.C. TOE NAIL
  - 6 HEADER 2-2x4 @ MAX. 4' OPENING  
3-2x4 @ MAX. 8' OPENING  
NAIL W/10d @ 16" O.C. PLATE TO PLATE
  - 7 DUPLEX OUTLET BOX
  - 8 WINDOW SILL PLATE - 2-2x4
  - 9 A 34 CLIPS @ HEADER & SILL TO FULL HGT. STUDS AND FULL HGT. STUDS TO TOP AND BOTTOM PLATES
  - 10 AEROSMITH AKN 144, 01175 DRIVE PIN @ MAX. 7" O.C. TYPE SHEAR WALL END WALL PANELS. ALT. USE #10 STMS @ SAME SPACING
  - 11 AEROSMITH AKN 144, 01175 DRIVE PIN @ MAX. 16" O.C. TYPE SHEAR WALL SIDE WALL PANELS & LOW SHEAR PANELS. ALT. #10 STMS @ SAME SPACING.
  - 12 2x4 STUD @ MAX. 16" O.C.
  - 13 #10 STMS @ MAX. 7" O.C. ALT. 0.145" SHOT PIN, TYPE SHEAR WALL END WALL PANELS.
  - 14 2x4 SILL PLATE
  - 15 FRAME FOR ELECTRICAL PANEL
  - 16 THERMOSTAT LOCATION 48 BOX
  - 17 4-FULL HT. STUDS & 1-TRIMMER
  - 18 CLOCK OUTLET + 78" A.F.P.
  - 19 "J" BOX FOR EXTERIOR LIGHT FIXTURE (TO EXTERIOR)
  - 20 FIRE HORN (TO INTERIOR)
  - 21 FIRE FULL STATION (TO INTERIOR)
  - 22 LIGHT SWITCH BOX
  - 23 S/L COLUMN SEE STRUCTURAL
  - 24 2-2x4 STUD TYP @ PLYWD. VERT. JOINT - FACE NAIL 10d BOX. SAME AS PLYWD EN
  - 25 #10 STMS @ MAX. 10" O.C. ALT. 0.145" SHOT PIN TYPE SIDE WALL SHEAR PANELS & ALL LOW SHEAR PANELS.



PRELIMINARY APPROVAL  
DIV. OF THE STATE ARCHITECT  
OFFICE OF REGULATION SERVICES  
AC - FLS - SS SPASD  
APPL NO. 57970 DATE 1/25/94  
A Change Order is Required

ARCHITECT ELECTRICAL STRUCTURAL MECHANICAL FIRE MARSHAL ACCESS COMPLIANCE STRUCTURAL SAFETY



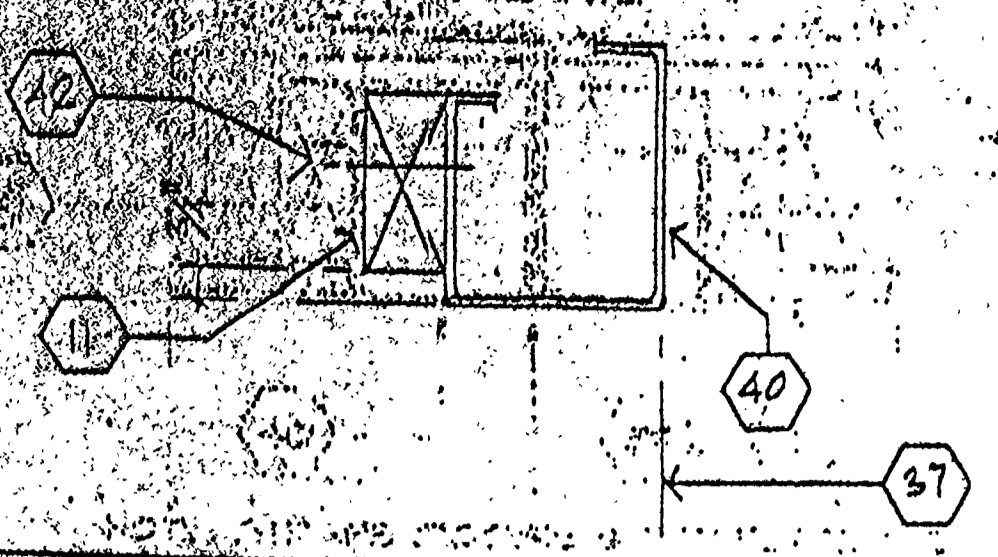
REVISOR: OPENING HELPERS  
4-9-94  
P.C.O. #5

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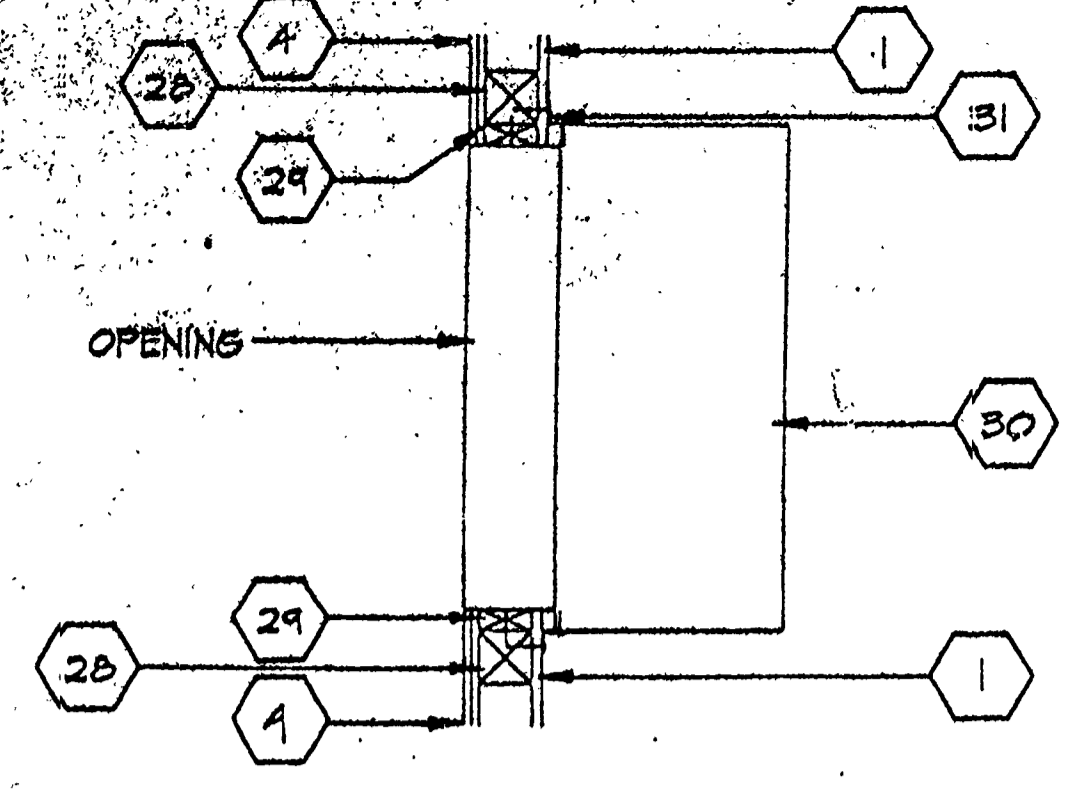
Brook Haven School  
Interim Classroom Buildings

DRAWN BY CC  
DATE  
CHECKED BY  
DATE

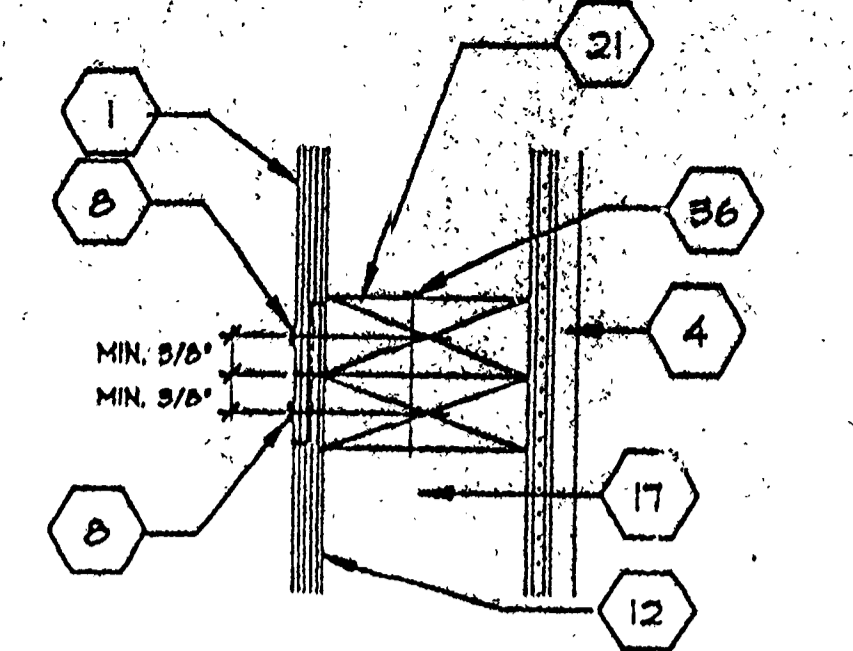
WALL FRAMING STOCKPILE 57970



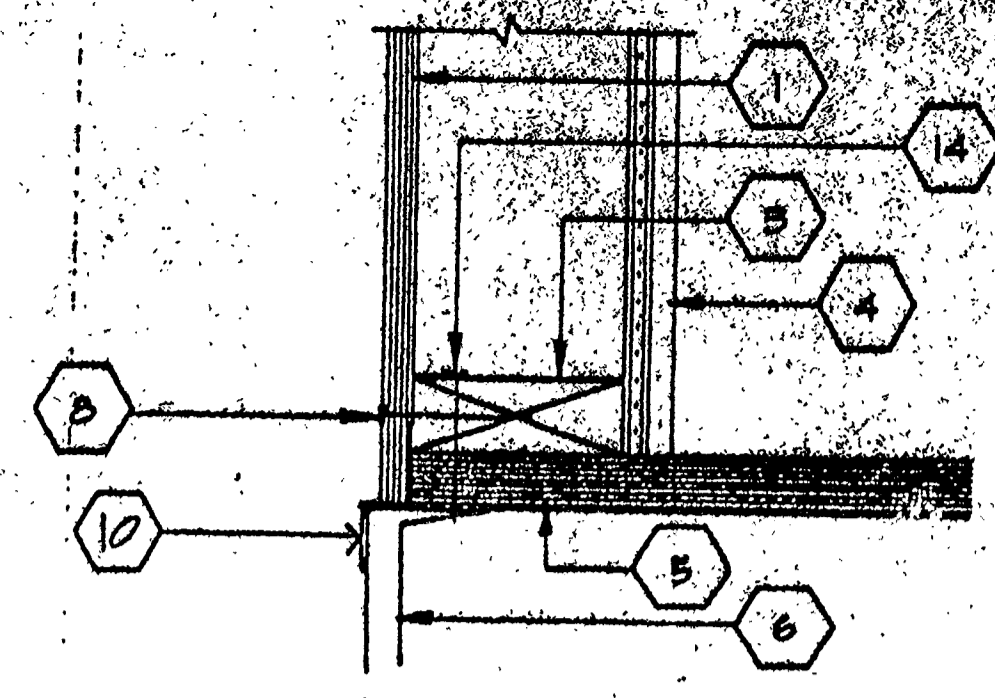
COLUMNS @ MODLINE 13



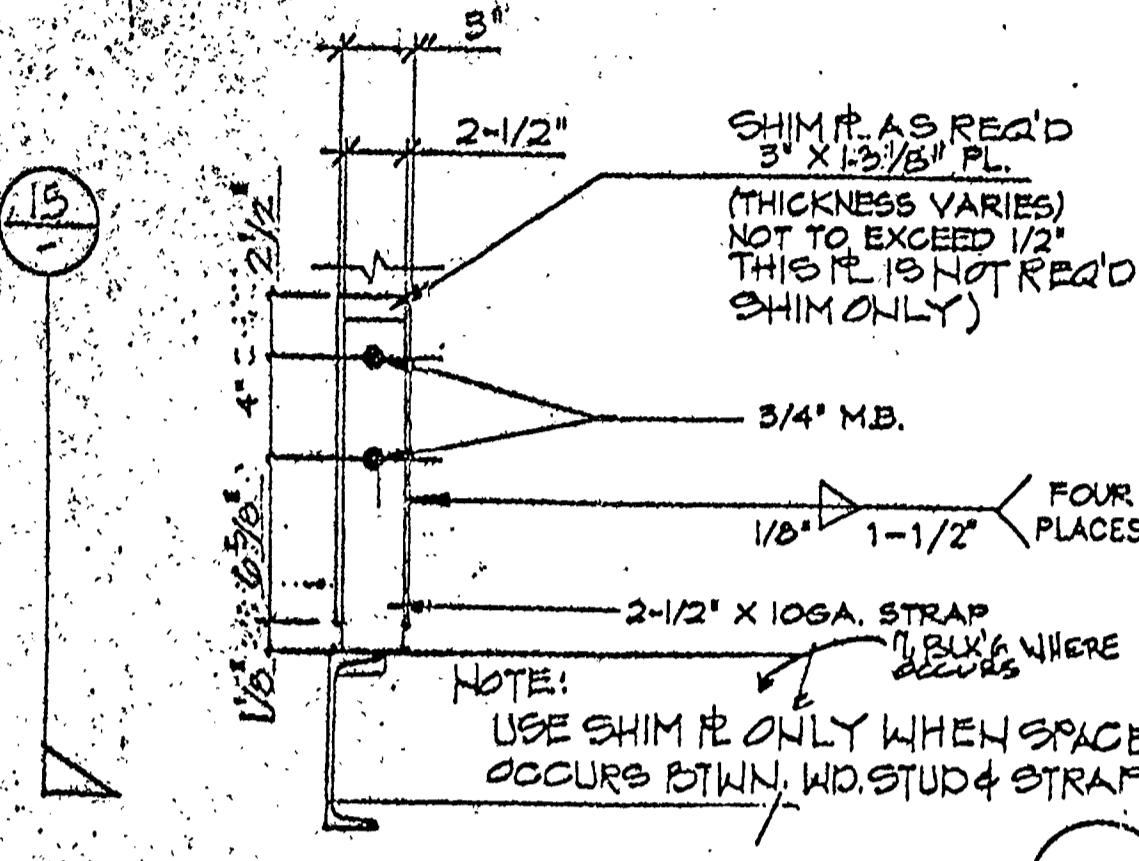
A.C. UNIT PLAN VIEW 9



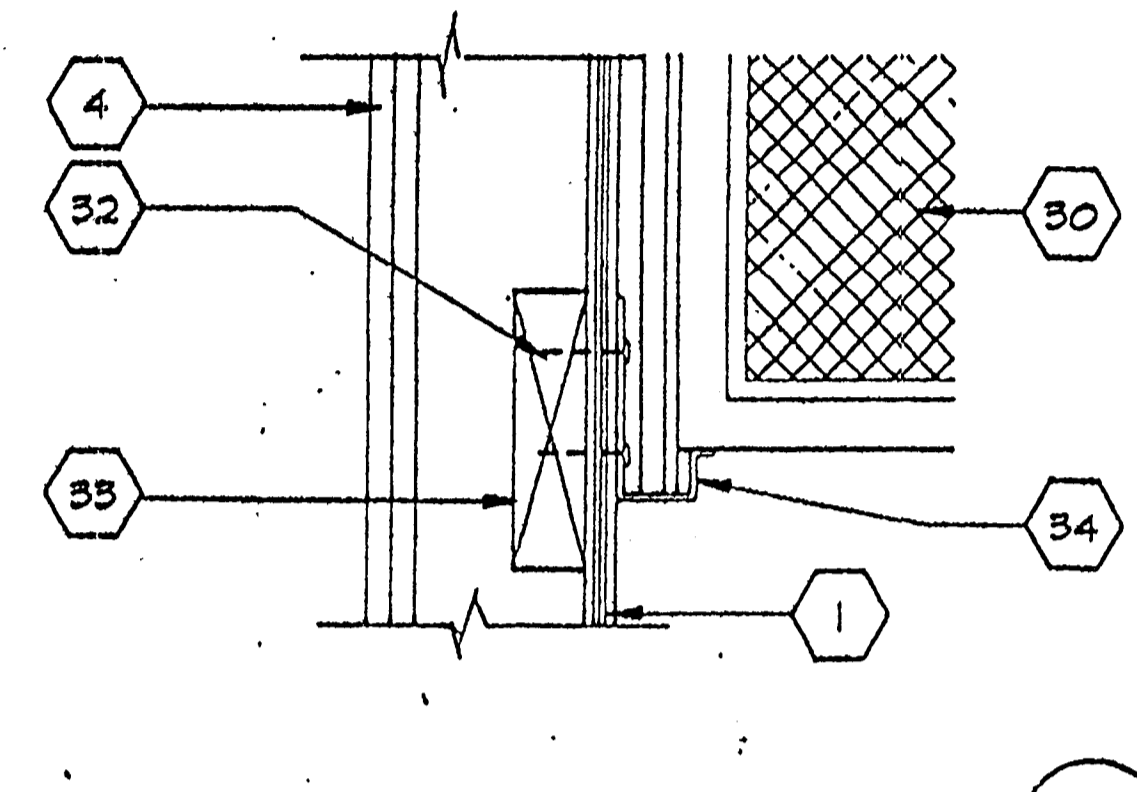
DOUBLE STUDS @ VERT. PLYWOOD EDGES 5



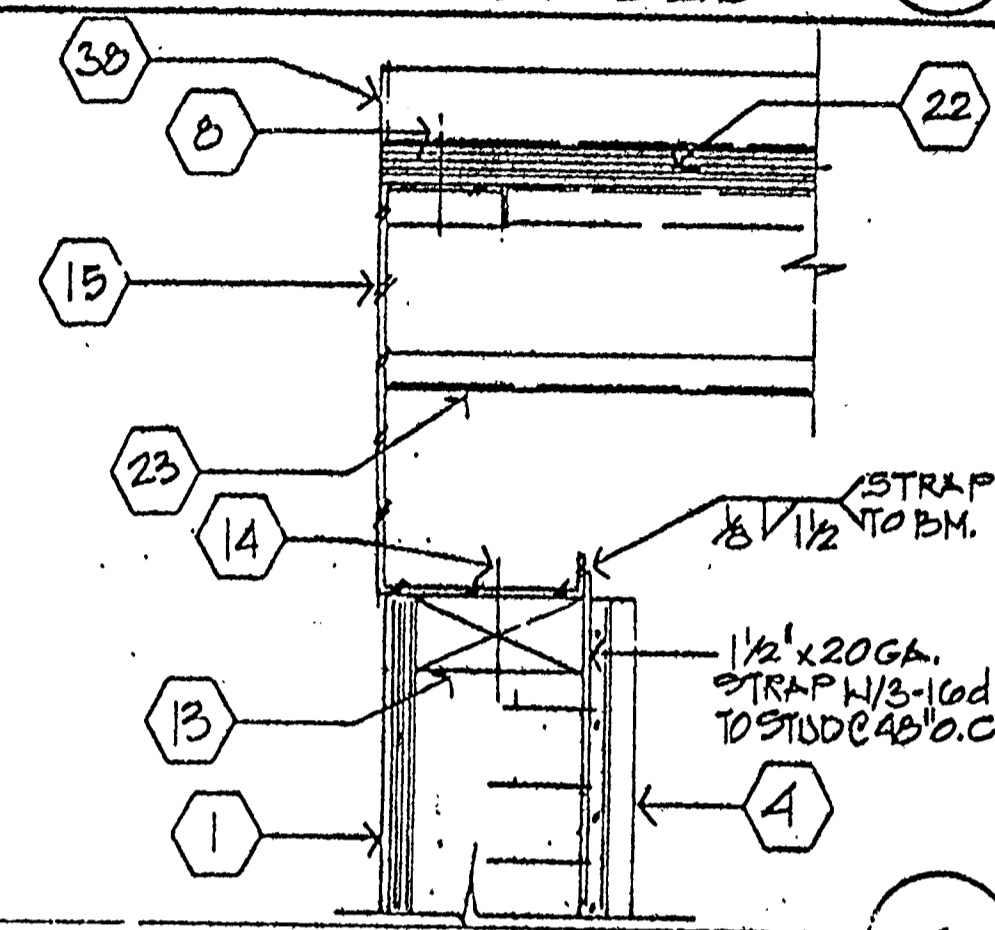
TYP. SILL @ FLOOR 1



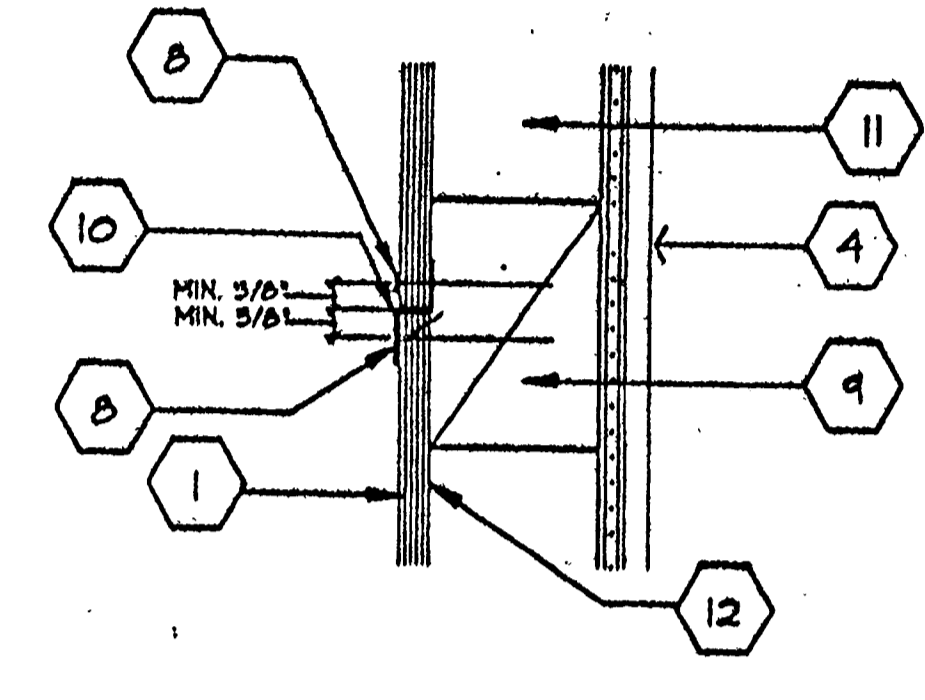
STRAP SECTION 14



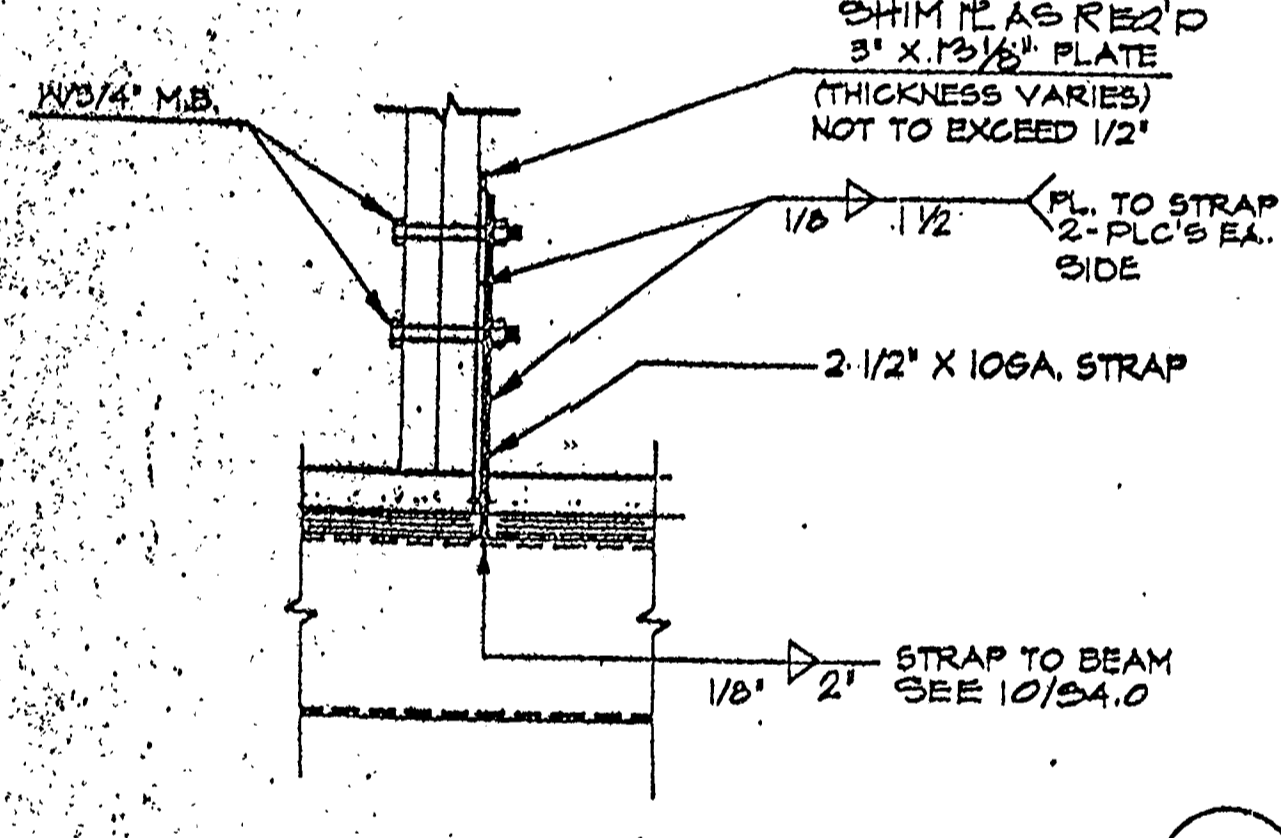
A.C. UNIT - BOTTOM 10



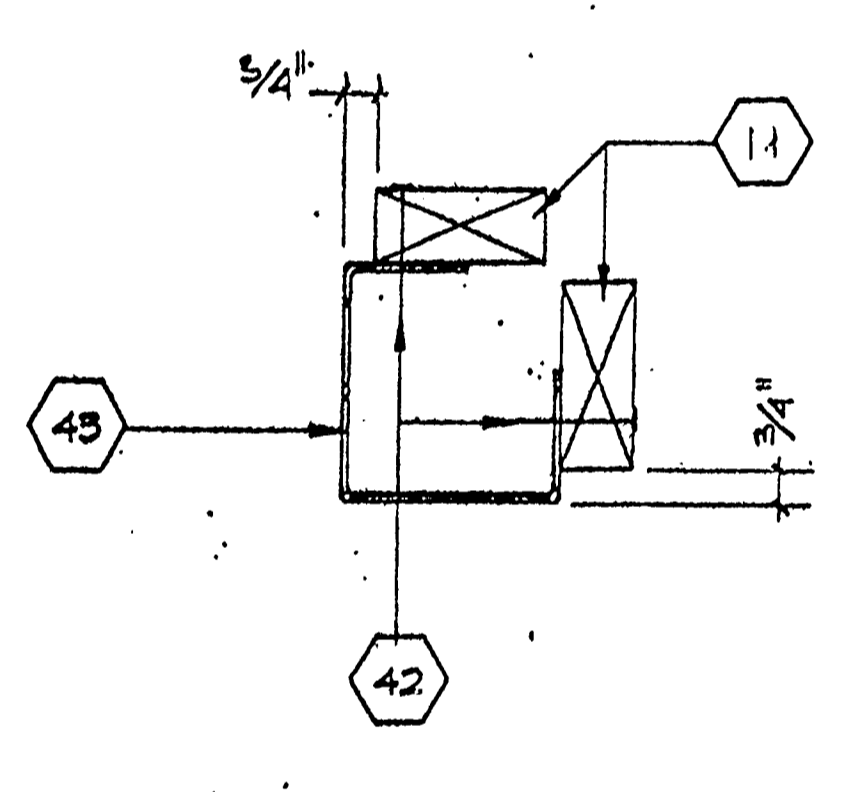
SECTION @ SIDE WALL 6



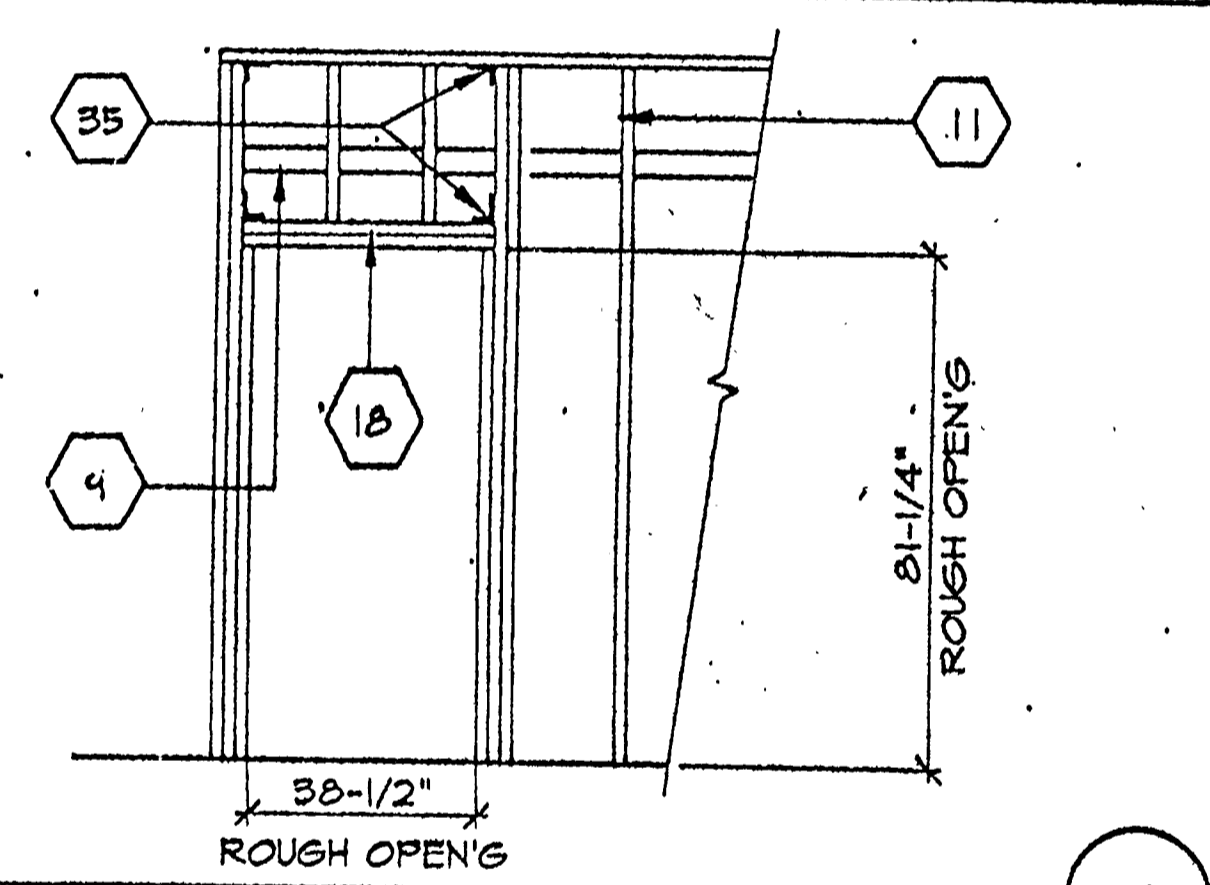
HORIZ. PLYWD. JOINT DETAIL @ PLYWOOD EDGES 2



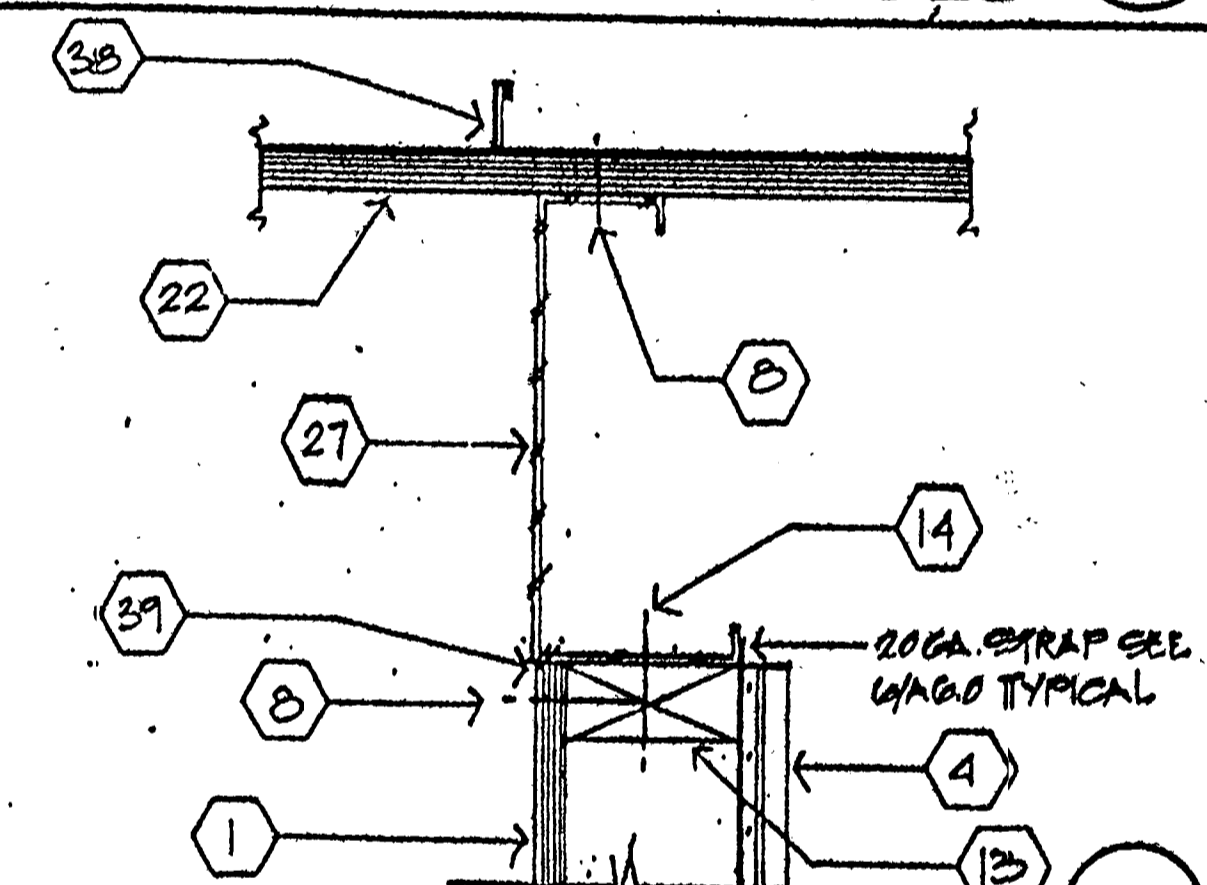
ELEVATION @ STRAP 15



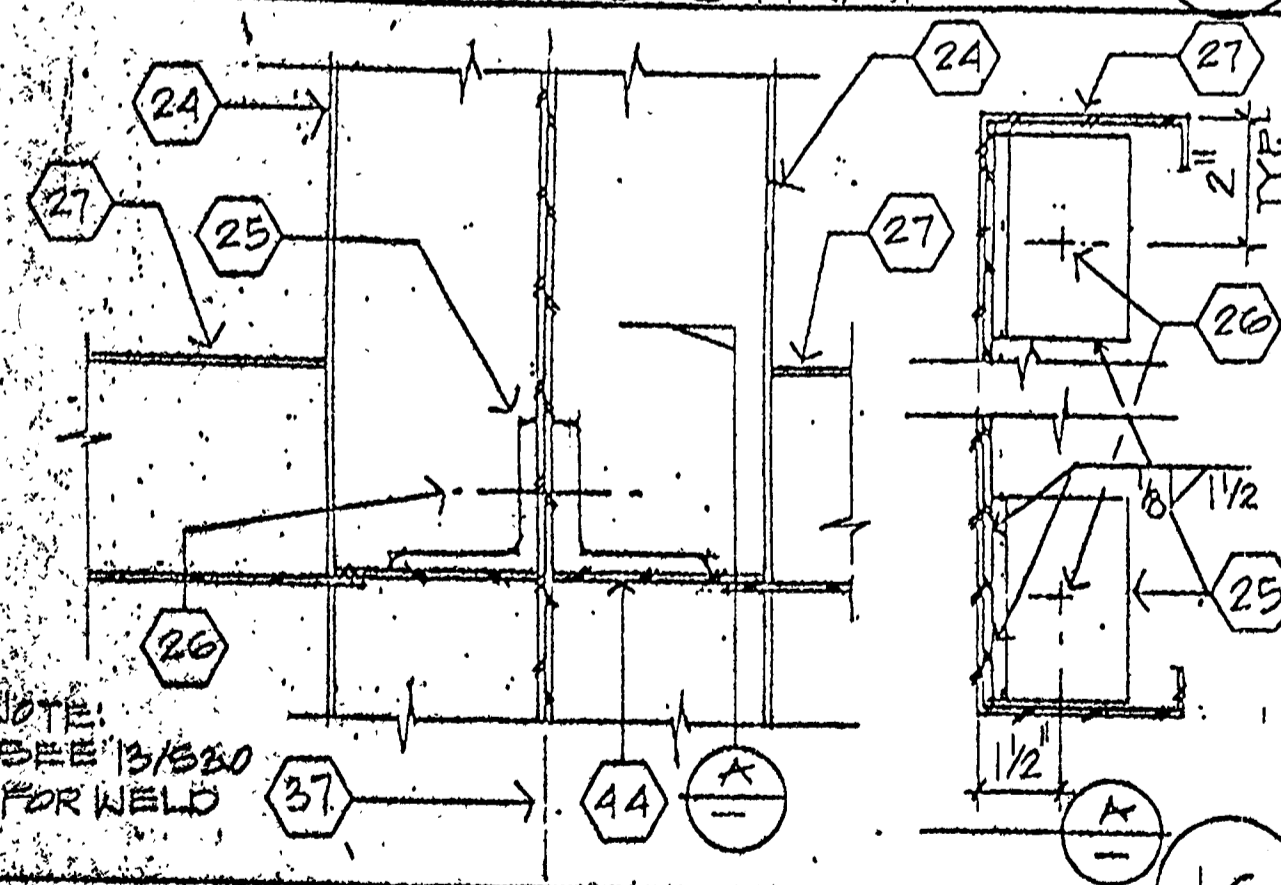
COLUMNS @ CORNER 11



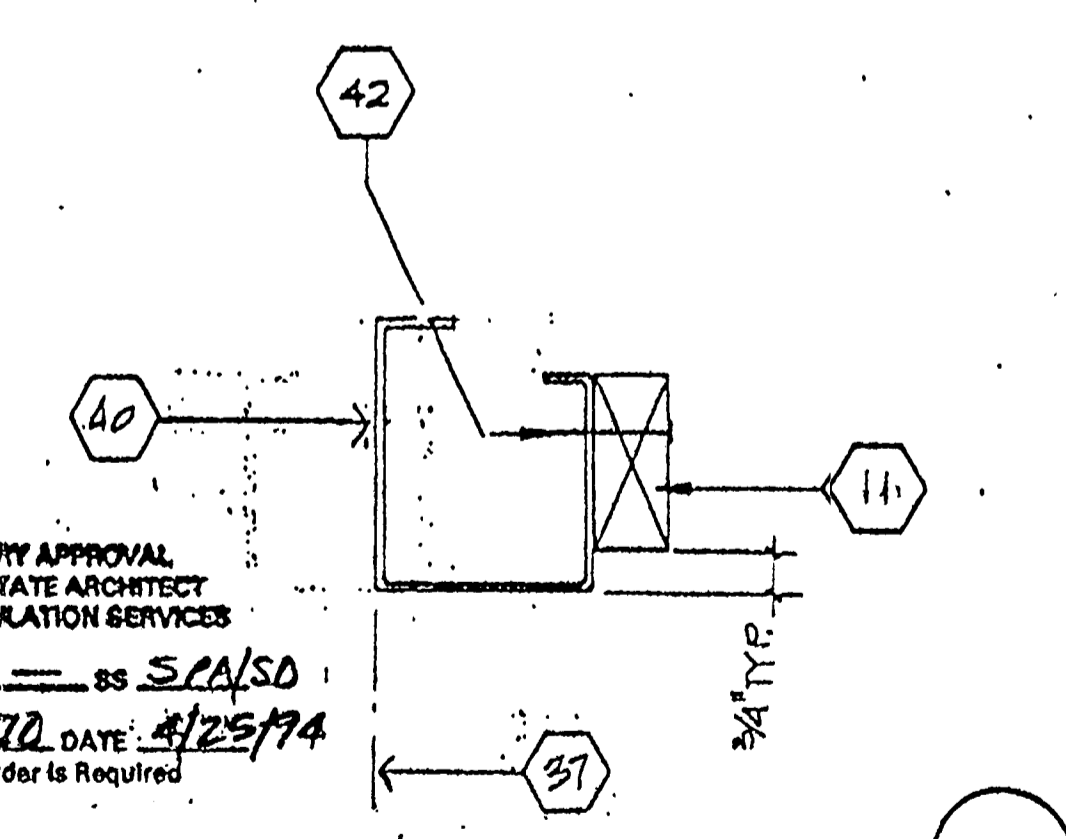
TYP. DOOR OPENING 7



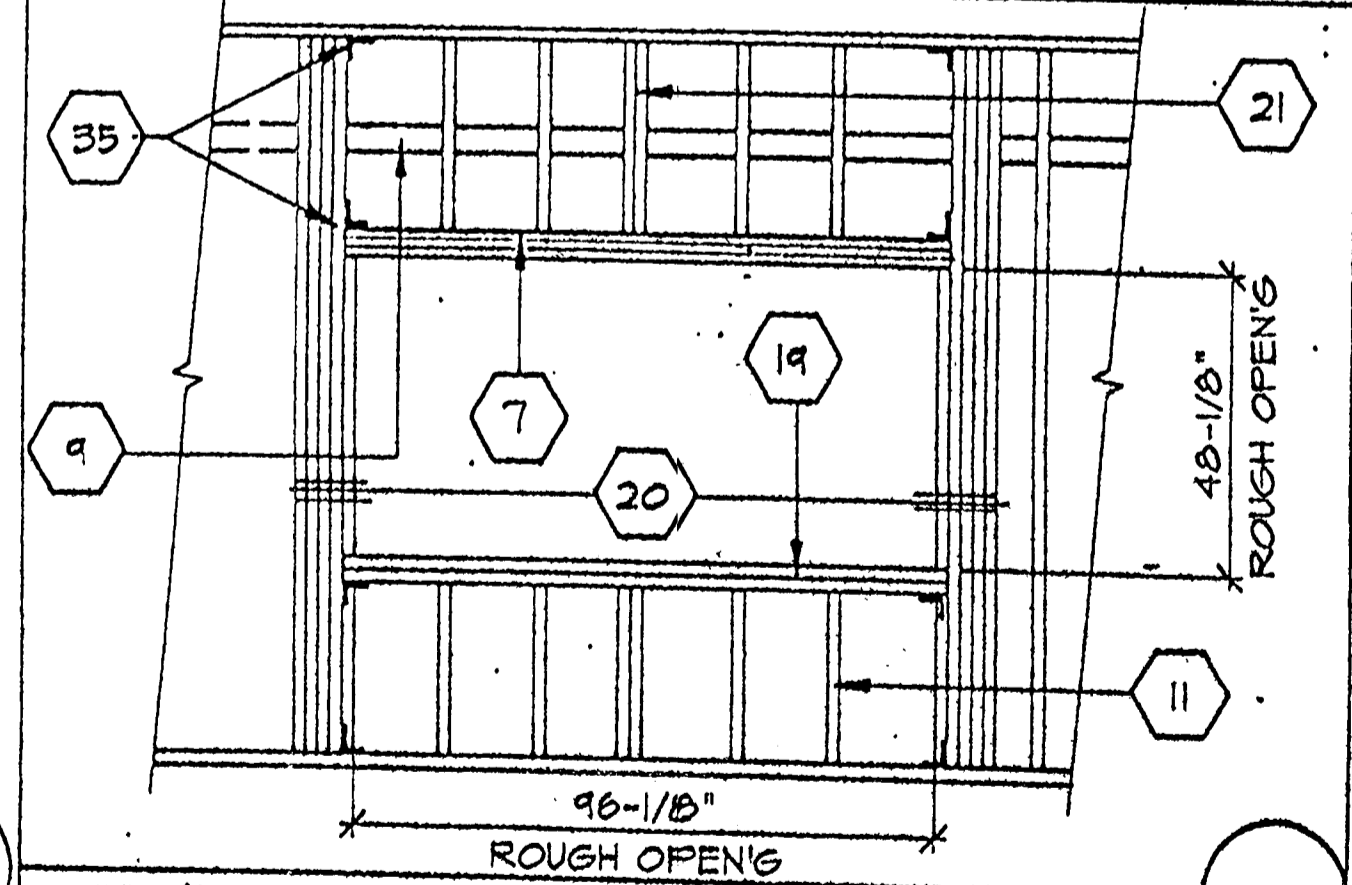
SECTION @ END WALL 3



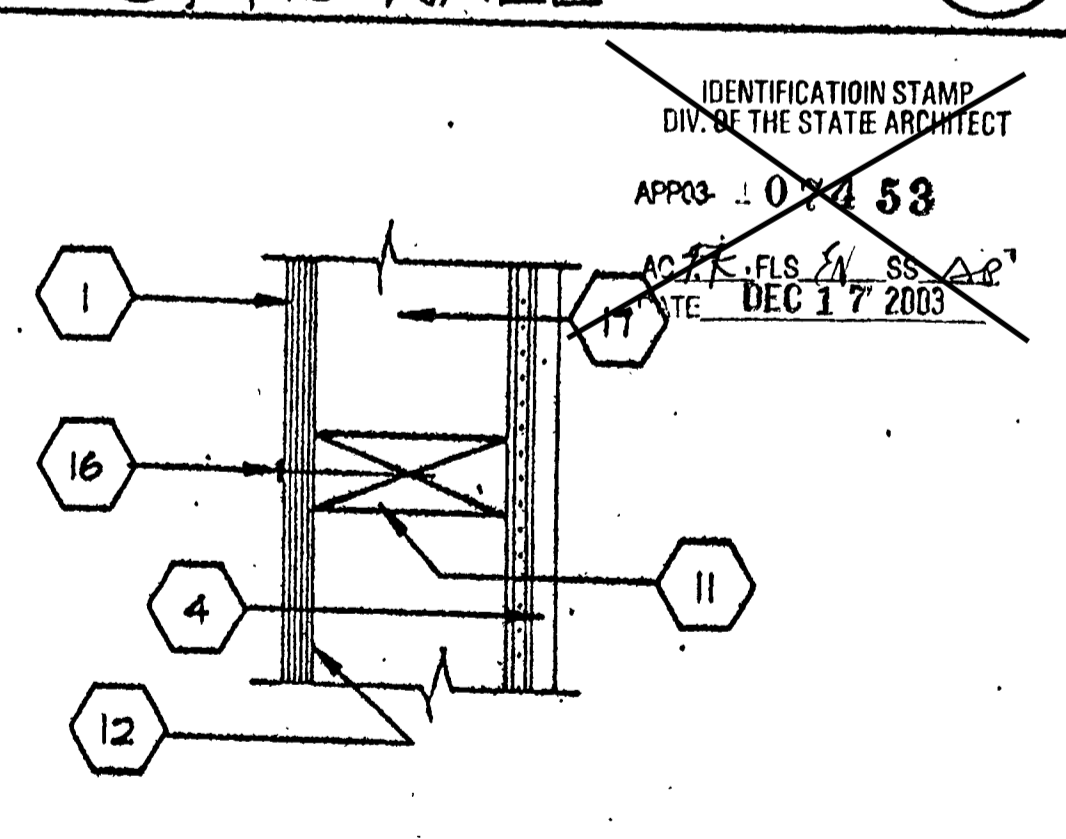
CHORD TIE @ END WALL 16



COLUMNS @ MODLINE 12



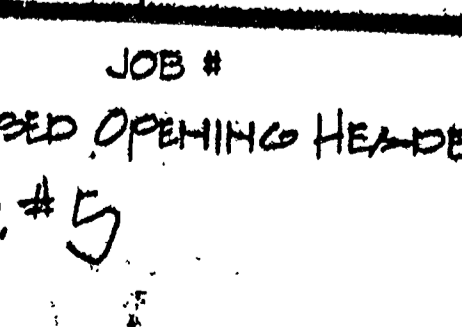
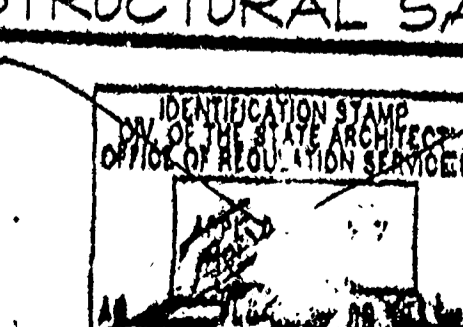
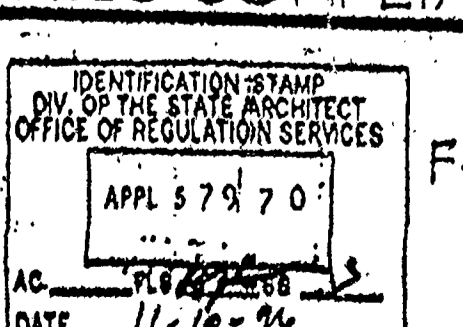
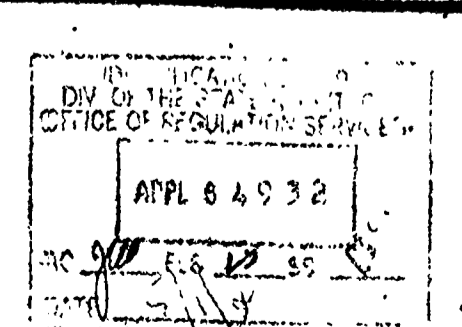
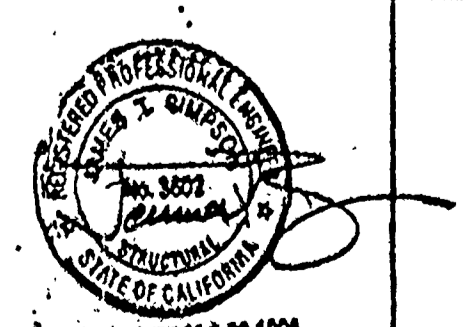
TYP. WINDOW OPENING 8



SECTION @ STUD 4

- NOTES**
- EXTERIOR PLYWOOD SIDING
  - 16d BOX NAILS @ 8" OC.
  - 2X4 BOTTOM PLATE
  - TYP. INTERIOR FINISH - SEE SPECS
  - PLYWOOD FLOOR
  - FLOOR BEAM
  - 3-2X4 16d @ 16" O.C. PARALLEL PLATE
  - EN
  - 4 X BLK'S @ PLYWD EDGE JOINT ONLY WHEN OCCURS
  - 2" FLASHING ONLY WHEN PLYWD. JOINT OCCURS
  - 2X4 @ 16" O.C.
  - WATERPROOF MEMBRANE
  - 2X4 TOP PL.
  - #10 S.M.S. FOR SPACING SEE SHIT. A.S.C. ALT. USE 0.1450 SHOT PIN.
  - ROOF BEAM @ SIDE WALL SEE STRUCT
  - 8d GALV. BOX NAIL @ MAX. 12" O.C. FH
  - 2X4 SILL PLATE
  - 4x4 HEADER ALT. USE 2-2X4
  - 2-2X4 SILL PLATE
  - 4-2X4 FULL HEIGHT STUDS W/ 1-2X4 TRIMMER TYP.
  - 2-2X4 STUDS @ VERT. PLYWOOD EDGES
  - PLYWOOD ROOF SHEATHING
  - ROOF FURLIN SEE STRUCTURAL
  - MOD LINE/ROOF DM. SEE STRUCTURAL
  - 3" x 3" x 3/8" 2 X 4" (2 CLAS AT 24" ON TIE)
  - 5/8" x 1" M.B.
  - TAPERED RF HOR. DM. SEE STRUCT.
  - 4" X 4" POST (SEE ALT. 2/A.S.C.)
  - 2X4 TRIMMER
  - AC UNIT
  - L 1-1/2" X 1-1/2" X 1/8" X 1/8" LONG ATTACHED TO A/C W/ 4-#10 SELF TAPPING STAINLESS STEEL OR GALV. S.M.S. FASTEN TO POST W/ 4-#12X2-1/2" GALV. RD.HD. WOOD SCREWS TYPICAL
  - 6-5/8" X 3" GALV. LAG SCREWS
  - 2X6 LEDGER LET- INTO STUDS W/ 3-16d TO EA. STUD
  - 11GA X24" STEEL SUPPORT BRACKET
  - A-34 CLIPS (TYP.)
  - 16d @ SAME SPACING AS PLYWD. EN.
  - MODULE JOINT
  - 20GA. MFLR ROOF DECKING SEE SPECIFICATIONS
  - SEALANT SEE SPECIFICATIONS
  - COLUMN @ MODLINE SEE STRUCT.
  - 
  - 8-3/8" DIA. 1/4" DIA. DRIVE PIN ALT. #2 SYSTEM. SEE NOTES ON SHIT. A.S.C. FOR SPACING.
  - CORNER COLUMN SEE DTLL 1/53.0
  - 5/8" STIFFENER PLATE
  - 
  - 
  - 
  - 
  - 
  -

ARCHITECT ELECTRICAL STRUCTURAL MECHANICAL FIRE MARSHAL ACCESS COMPLIANCE STRUCTURAL SAFETY



JOB #  
 © MODTECH INC. 1992  
 DRAWN BY A.B.  
 DATE  
 CHECKED BY  
 DATE  
 Brook Haven School  
 Interim Classroom Buildings  
 WALL FRAMING DETAILS AG.0  
 STOCKPILE 51970

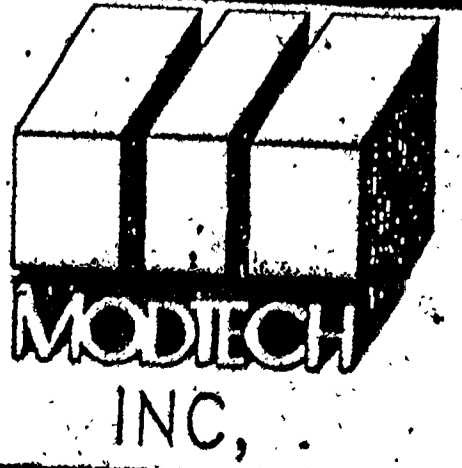
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 DIV. OF THE STATE ARCHITECT  
 APPROX. 10 24 53  
 DATE DEC 17 2003

PRELIMINARY APPROVAL  
 DIV. OF THE STATE ARCHITECT  
 OFFICE OF REGULATION SERVICES  
 AC \_\_\_\_\_ P.L.S. \_\_\_\_\_ SS SCA/SD  
 APPL NO. 57770 DATE 4/25/94  
 A Change Order is Required

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 OFFICE OF REGULATION SERVICES  
 APR 6 4 9 32  
 AC \_\_\_\_\_ P.L.S. \_\_\_\_\_ SS \_\_\_\_\_  
 DATE \_\_\_\_\_

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 APR 5 7 9 70  
 AC \_\_\_\_\_ P.L.S. \_\_\_\_\_ SS \_\_\_\_\_  
 DATE 11/10/96

IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 OFFICE OF REGULATION SERVICES  
 DATE 10-25-93





3.3.10. Suspended Acoustical Ceiling and Acoustical Panels 3.3.15.

Interior Walls - Classroom 3.3.14.

Interior walls shall be vinyl covered tackboard applied in one continuous length from floor to ceiling. The tackboard shall be industrial insulation board manufactured specifically as a substrate for vinyl covered wall panels. The board shall be asphalt free, shall have an iron-on coating and shall have a minimum density of 18 lbs per ft<sup>3</sup>. The vinyl coating shall be made of virgin vinyl calendared base color, weighing a minimum of 8 oz per square yard. The backing shall be sheathing or non-woven fabric. The vinyl coating shall be mechanically laminated, with the long edge wrapped to the tackboard. Tackboard shall be applied over 1/2" sheetrock or 3/8" plywood. The vinyl wall covering shall have a Class III flame spread rating. The panel shall be approved for classroom use by the Office of the State Fire Marshal. Reference Brand: Vinyl Covered Tackboard as manufactured by Domet Gypsum America, Inc. or Chatfield-Clark or comparable. Care shall be taken in mounting the tackboard so that the texture of all panels will have the same orientation and color match.

3.3.11. Metal Exterior Doors 3.3.12.

Hardware - Exterior Doors 3.3.12.

3.3.13. Entry Stoop and Ramp

3.3.14. Interior Walls - Classroom

3.3.15. Suspended Acoustical Ceiling and Acoustical Panels

3.3.16. Lighting

3.3.17. Electrical

3.3.18. Windows

3.3.19. Heating, Ventilating and Air Conditioning

3.3.20. Fire Alarm

3.3.21. Insulation

3.3.22. Heating, Ventilating and Air Conditioning

3.3.23. Fire Alarm

3.3.24. Fire Alarm

3.3.25. Fire Alarm

3.3.26. Energy Conservation

3.3.27. Erection at the Site

3.3.28. Clean Up

3.3.29. Utility Hook-up

3.3.30. Grounding of Building Components

3.3.31. Guarantee

3.3.32. Temporary Facilities

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3.3.31. Guarantee

3.3.32. Temporary Facilities

ARCHITECT

10777 PULVER RD. #100A

APR 8 4 52

APR 7 9 70

APR 10 28 93

MODTECH INC.

ELECTRICAL

STRUCTURAL

MECHANICAL

FIRE MARSHAL

ACCESS COMPLIANCE

STRUCTURAL SAFETY

JOB #

O. L. A.

24'X40' BLD'G.

Brook Haven School Interim Classroom Buildings

GENERAL NOTES/SPECS

STOCKPILE 57970

IDENTIFICATION STAMP

DIV. OF THE STATE ARCHITECT

OFFICE OF REGULATION SERVICES

APPROX. 10 7 93

APR 10 28 93

IDENTIFICATION STAMP

DIV. OF THE STATE ARCHITECT

OFFICE OF REGULATION SERVICES

APPROX. 10 7 93

APR 10 28 93

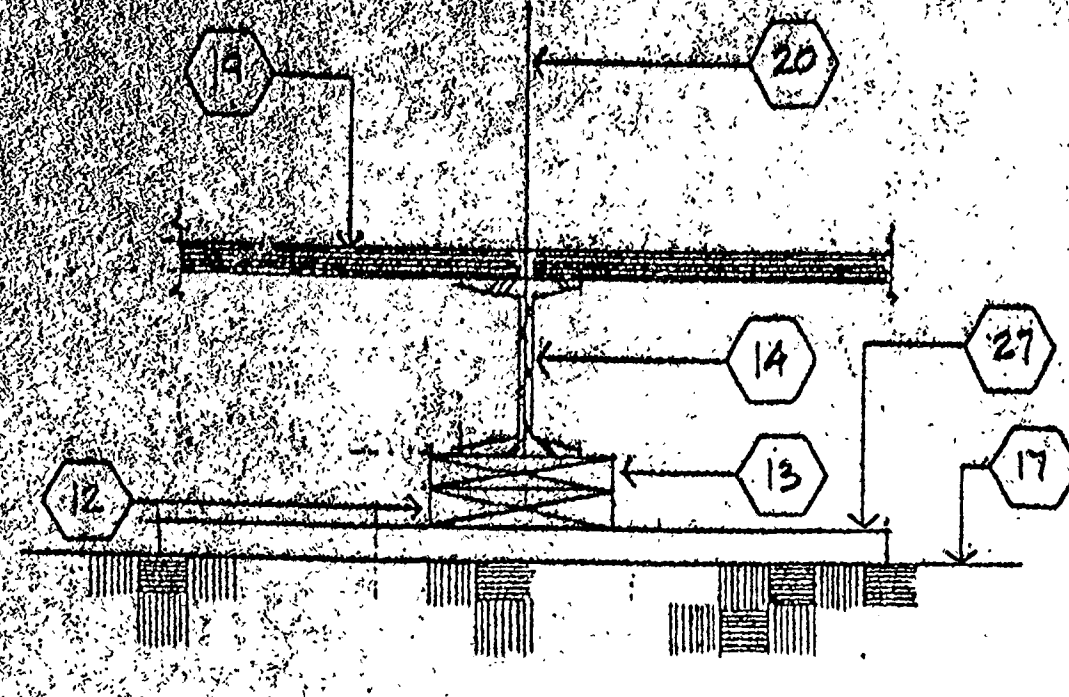
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DIV. OF THE STATE ARCHITECT

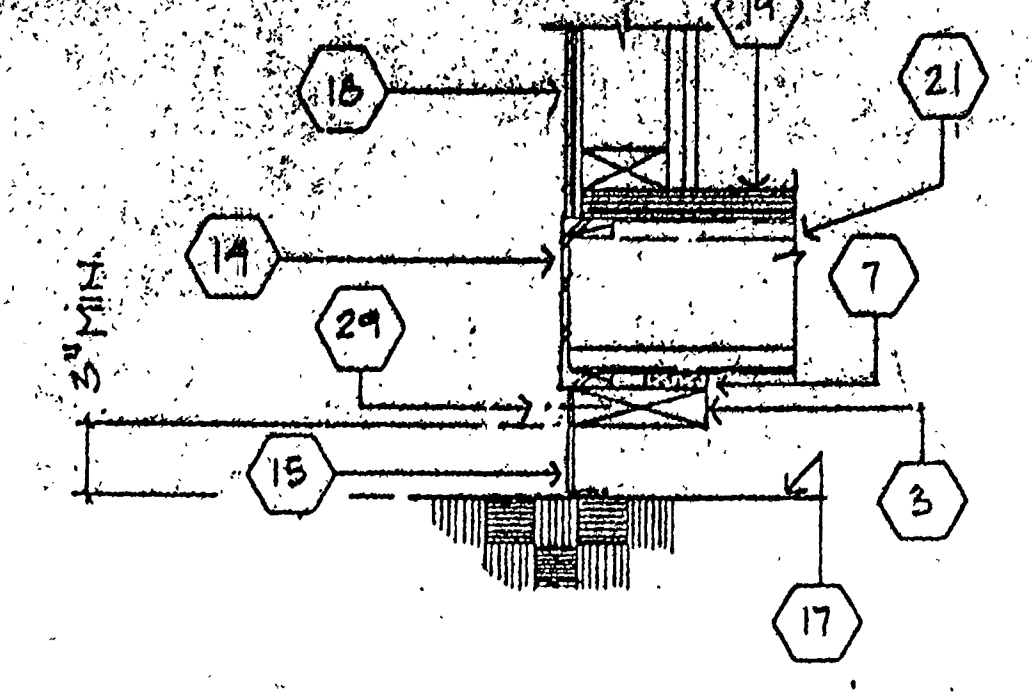
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APPROX. 10 7 93

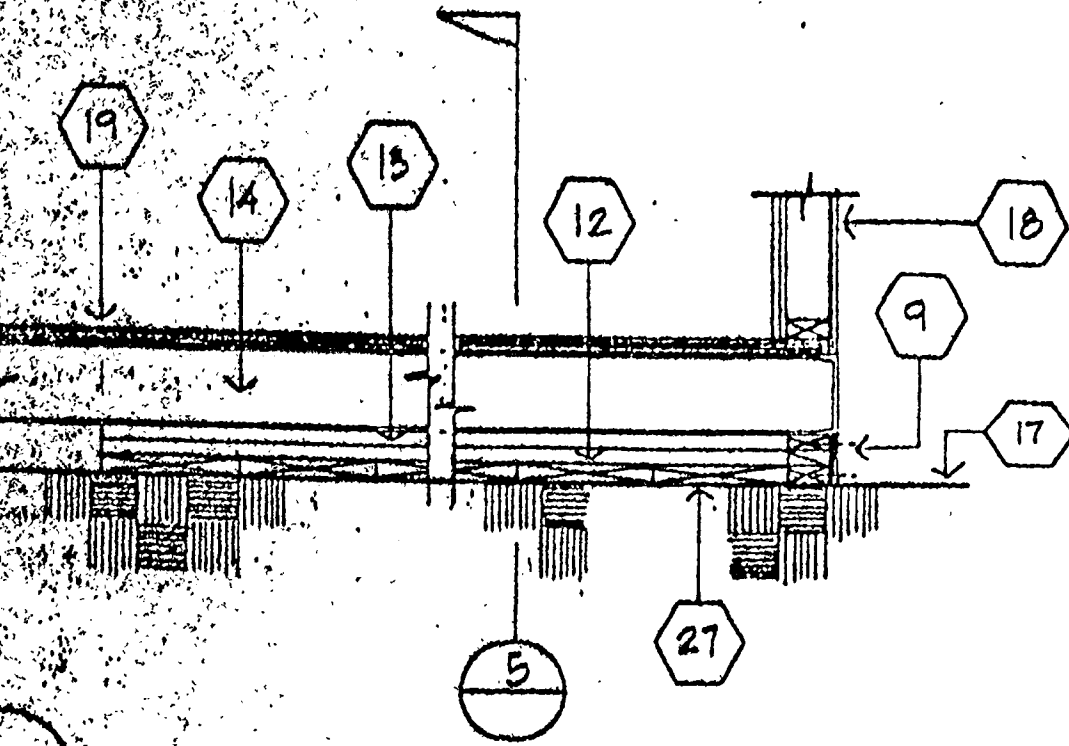
APR 10 28 93



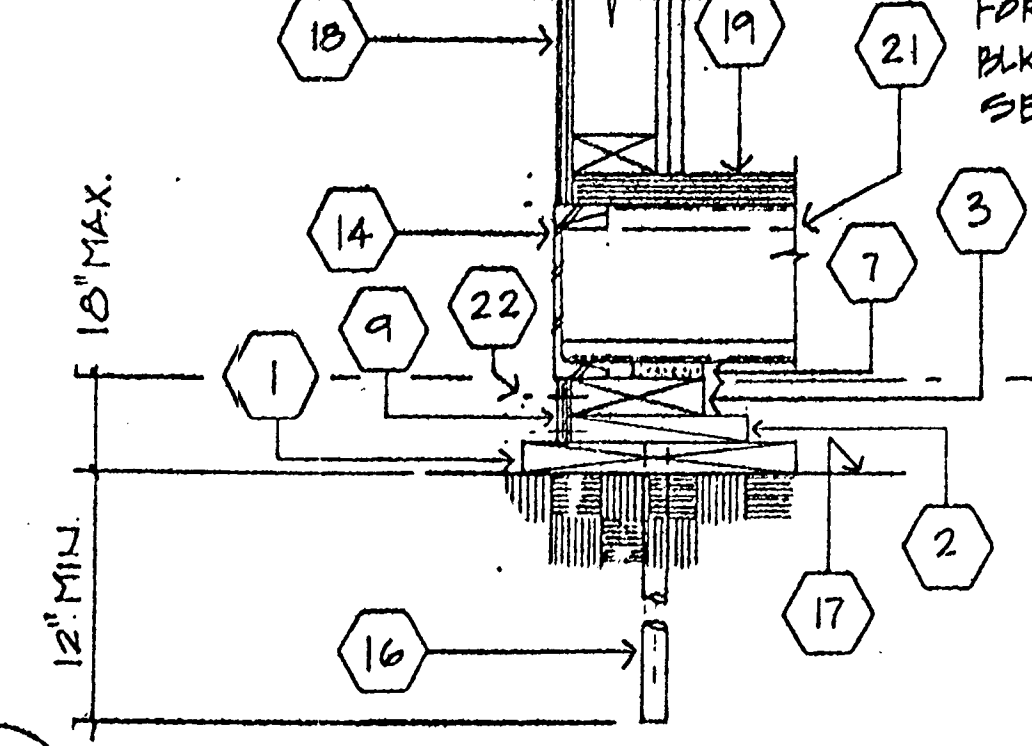
5 FOUNDATION PAD @ MOD-LINE



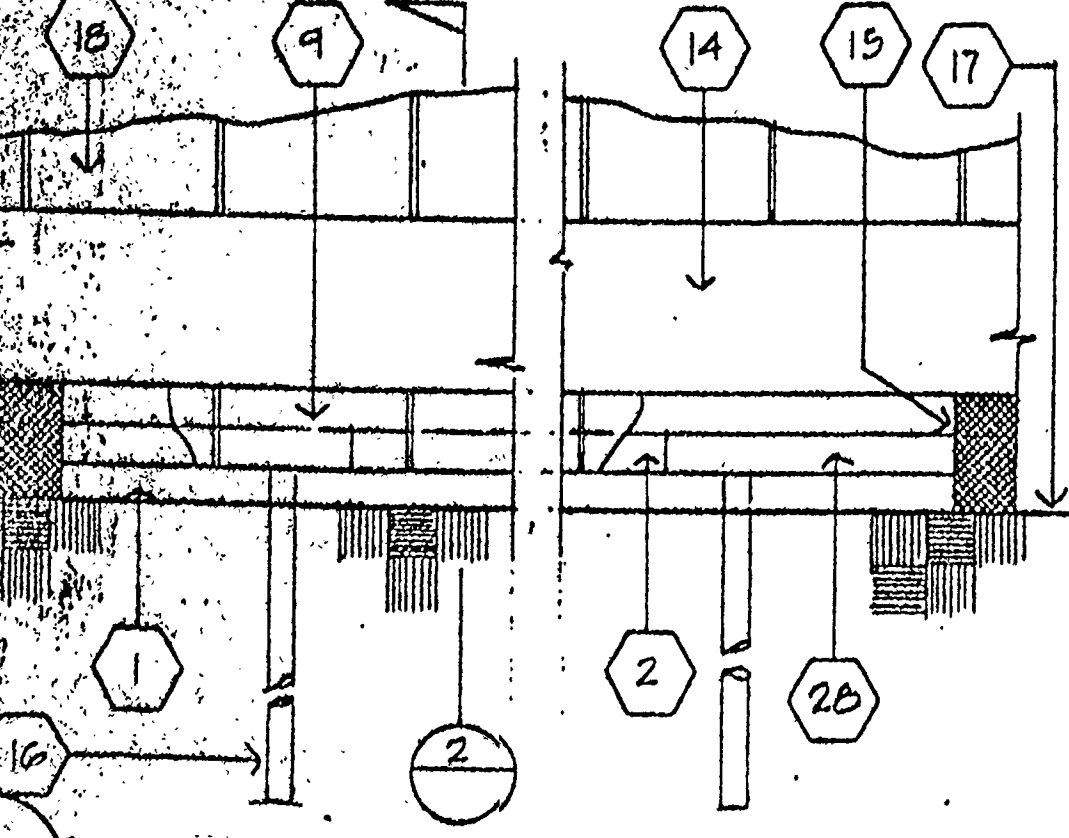
1 FOUNDATION VENT



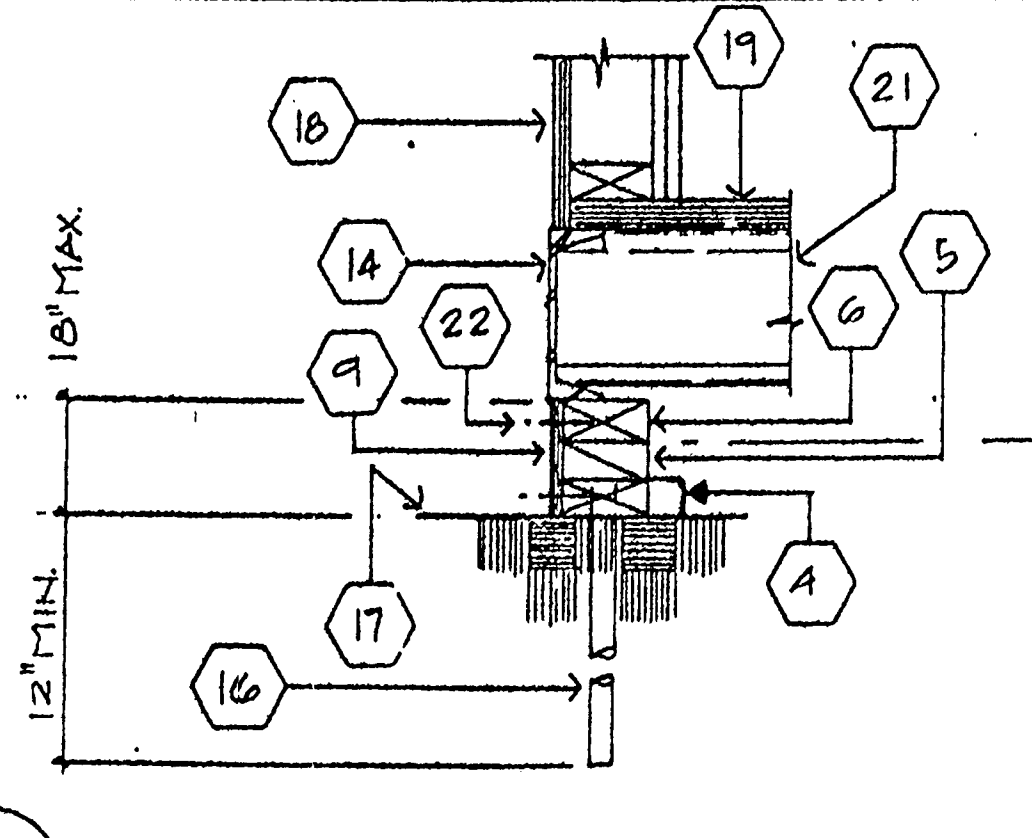
6 MOD-LINE PAD @ END WALL



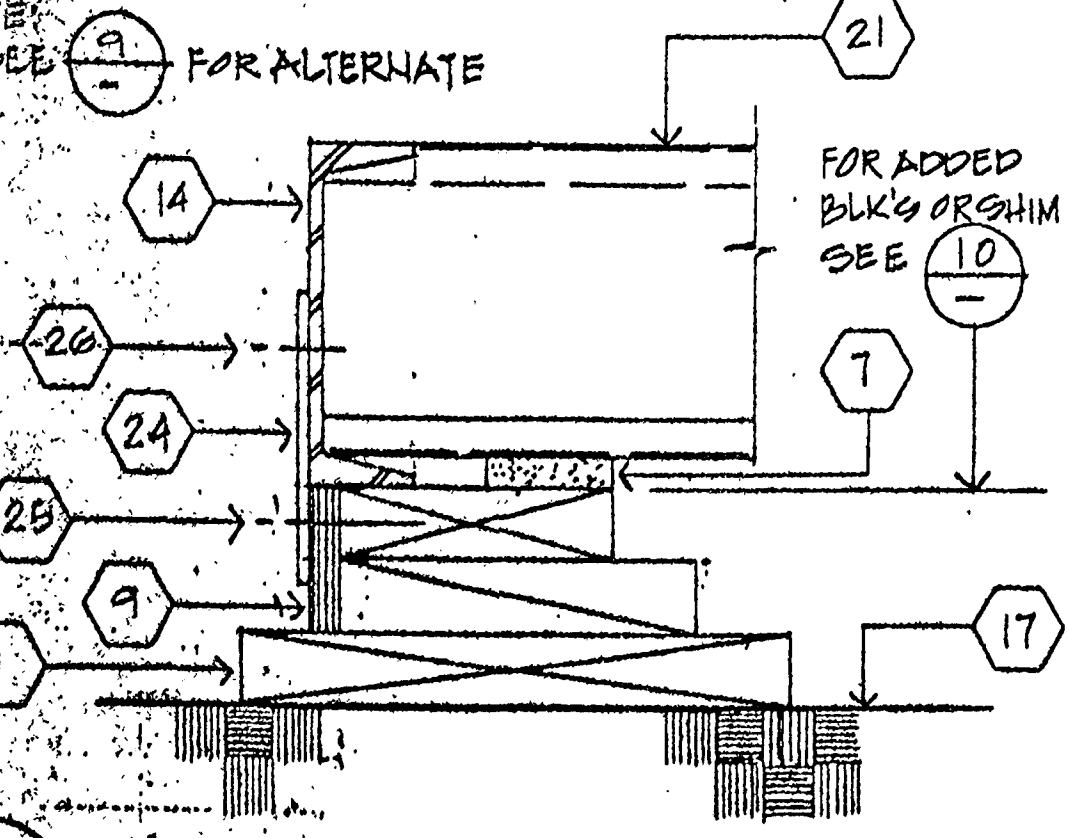
2 FOUNDATION @ SIDE WALL



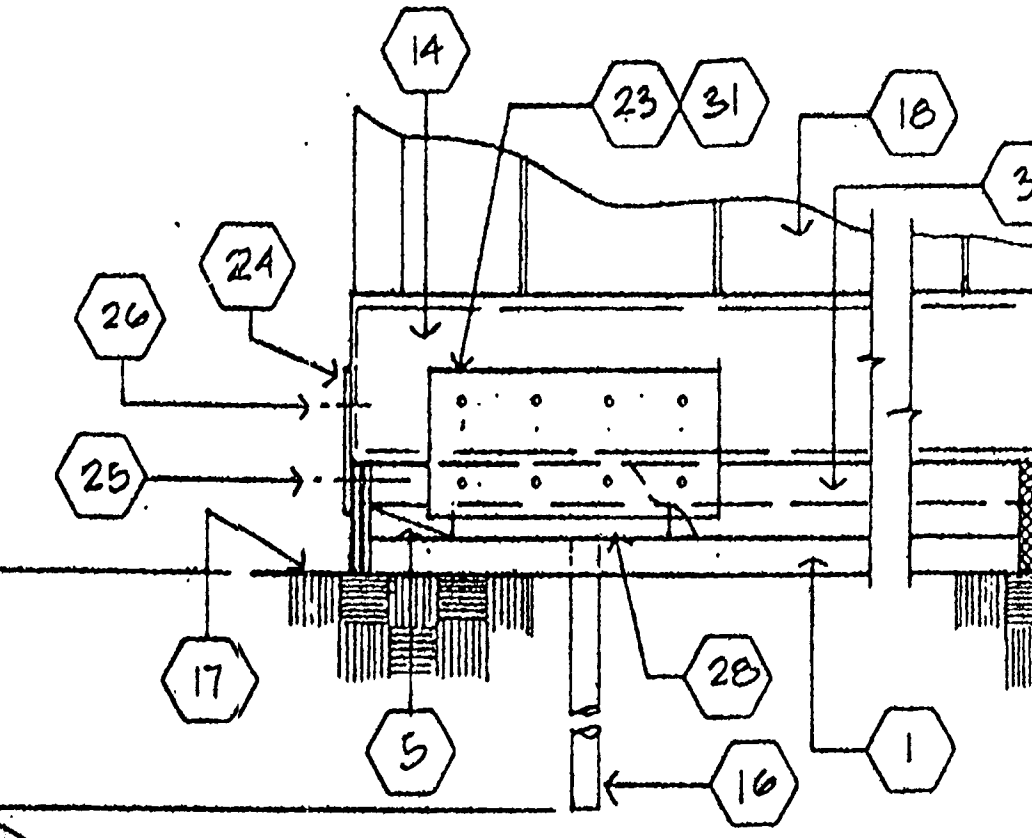
7 FOUNDATION ELEV. @ SIDE WALL



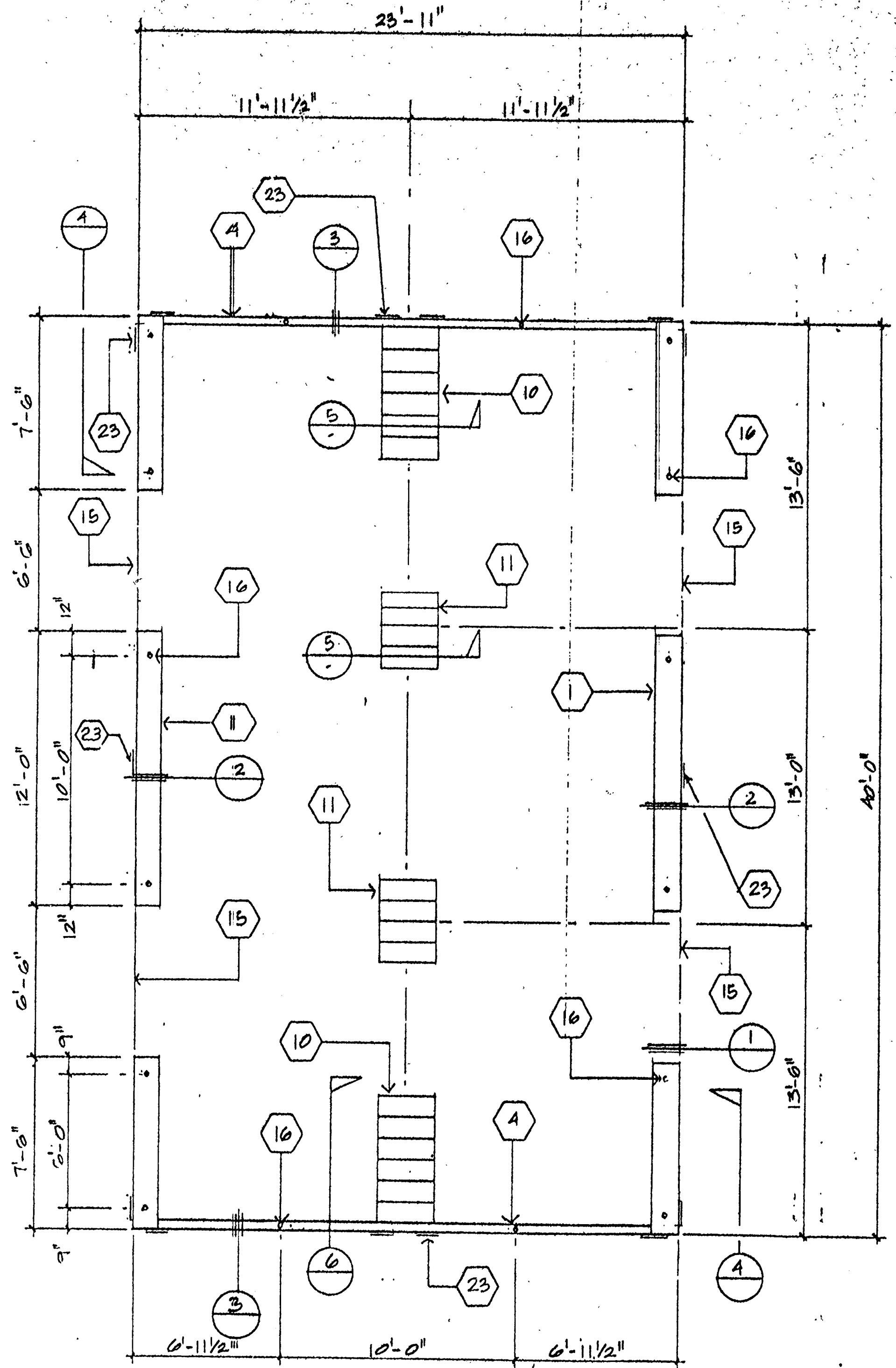
3 FOUNDATION @ END WALL



8 TYPICAL HOLD DOWN



4 DETAIL @ FOUNDATION CORNER

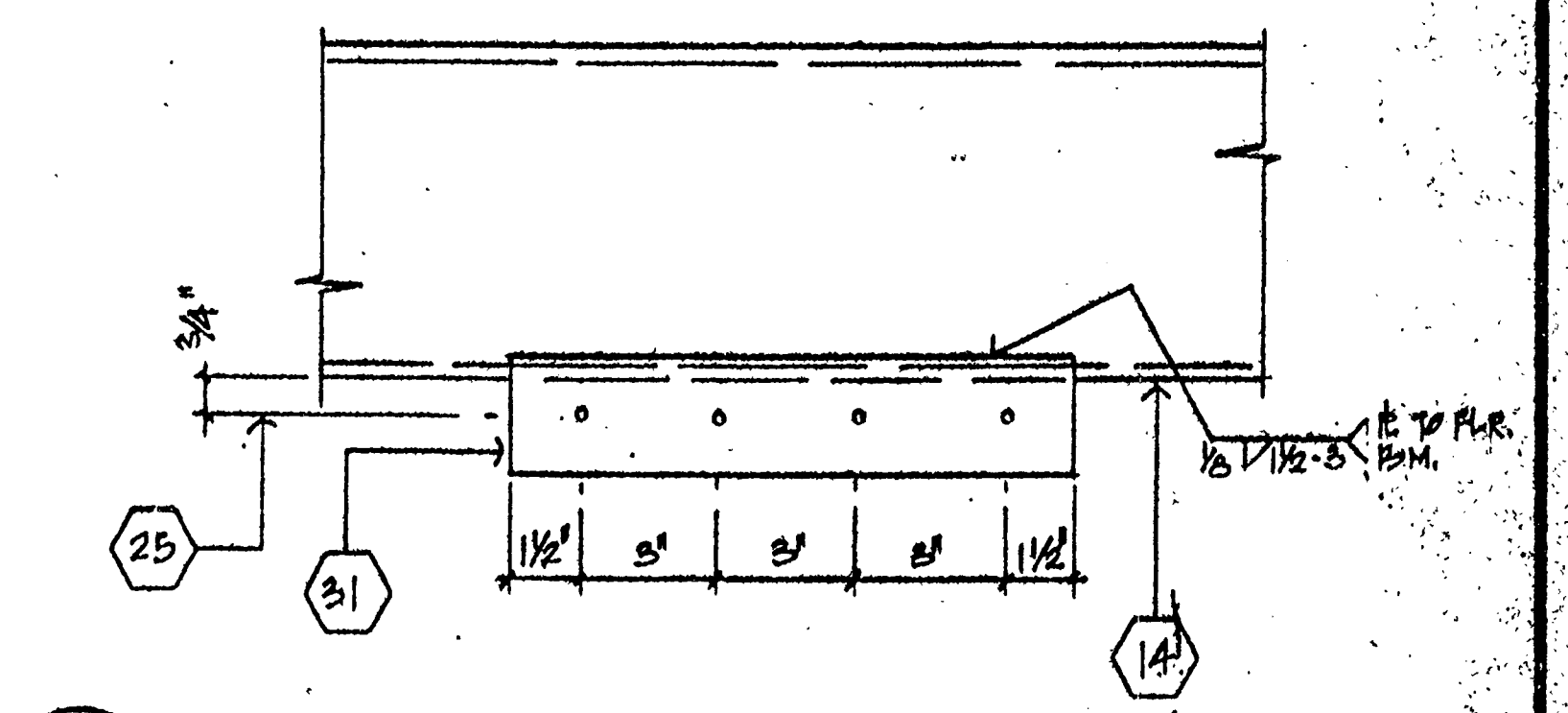


FOUNDATION PLAN

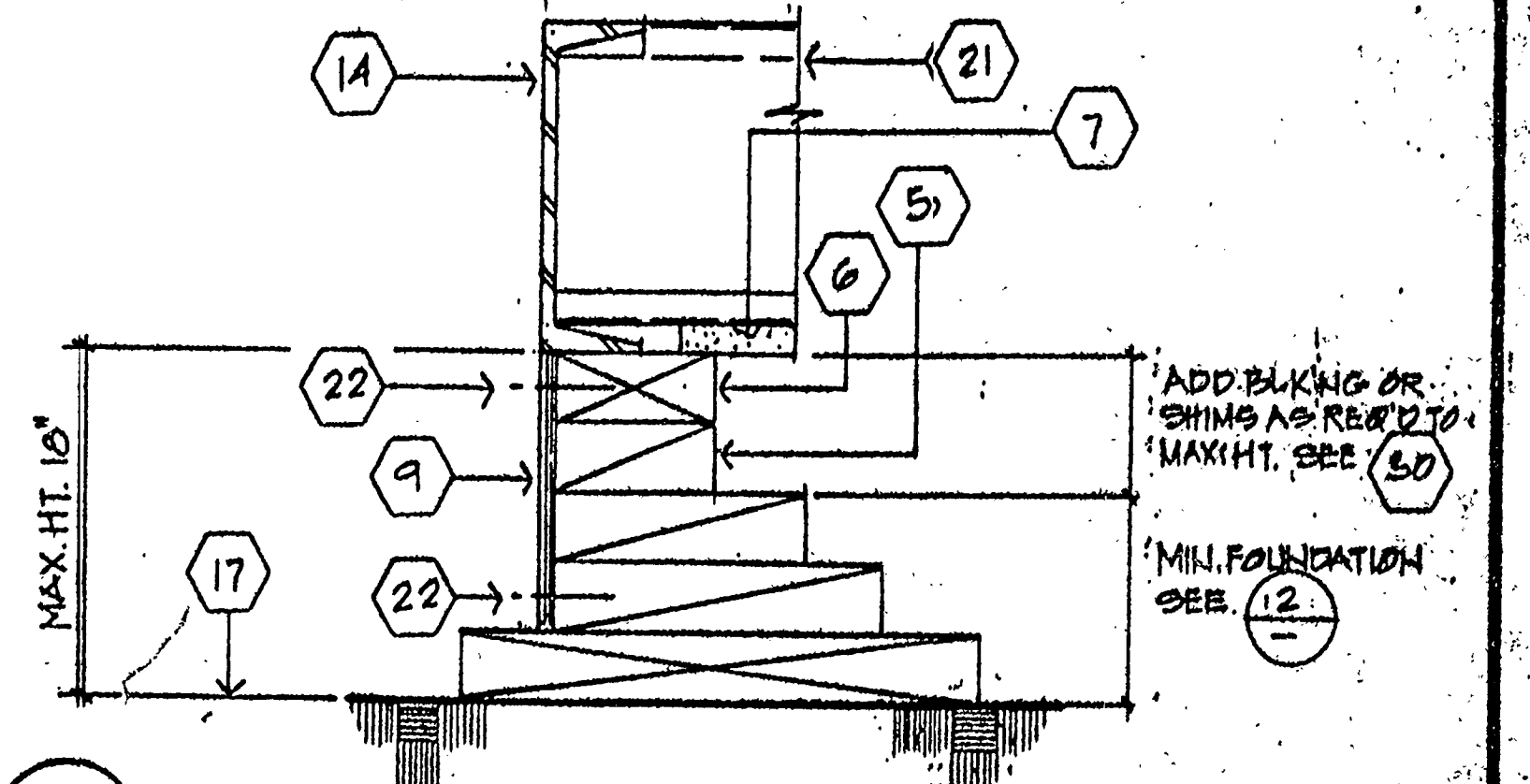
- GENERAL NOTES**
- A. FOUNDATION RESTRAINT 1" PIPE MAY BE DRIVEN @ MAX. 45° ANGLE TO VERTICAL (18" LG. PIPE REQ'D @ 45°)
  - B. AT CONCRETE USE HILTI SHOT PIN DSB2-P10 END WALL @ 22" O.C. SIDE WALL @ 22" O.C.
  - C. ALL FOUNDATION MATERIAL SHALL BE PRESSURE TREATED. LP-22 GROUND CONTACT, LP2 ABOVE GROUND
  - D. DESIGN SOIL BEARING ASSUMED 1000 PSF
  - E. UNDER-FLOOR GROUND VENTILATION PER SEC. 2516(G) 150 FT. OF VENT/150 SQ. FT. AREA 900/150 = 6.0 A SQ. FT.
  - F. FLOOR LIVE LOAD 50 PSF

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- NOTES**
- 1 2" x 12" SILL PLATE CONT. SEE FOUNDATION PLAN FOR LAYOUT
  - 2 2" x 6" CONT. BLK. W/10d @ MAX. 12" O.C. TO SILL PLATE.
  - 3 2" x 6" CONT. TOP PLATE W/10d @ MAX. 12" O.C.
  - 4 2" x 6" SILL PLATE CONT.
  - 5 2" x 6" CONT. BLK. W/10d @ MAX. 12" O.C. TO SILL PLATE.
  - 6 2" x 6" TOP PLATE CONT. W/10d @ MAX. 12" O.C.
  - 7 3/8" x 2 1/2" SHIM
  - 8 NOT USED
  - 9 MIN. 3/4" PLYWOOD SHORING W/10d @ MAX. 6" MIN. @ 22" O.C. END WALLS & 12" O.C. @ SIDE WALLS @ 12" TYP. 12" O.C. FH.
  - 10 6-2" x 12" x 2'-0" LONG SILL PADS
  - 11 4-2" x 12" x 2'-0" LONG SILL PADS
  - 12 2" x 6" CONT. PLATE W/10d TO BLK. 2" x 12" SILL PAD.
  - 13 2" x 6" BLK. FACE OR TYPICAL 10d @ MAX. 12" O.C. ADD BLKS. OR SHIMS AS REQ'D.
  - 14 FLOOR FRAME BEAM SEE STRUCT.
  - 15 VENT MIN. 3" x 6" @ TYP. 4-PLACES = 6.9 SQ. FT. EXPANDED MTL. MESH PRIME PAINTED.
  - 16 SILL RESTRAINT 1" PIPE SEE FOUNDATION PLAN FOR LOCATION
  - 17 FINISH GRADE
  - 18 EXTERIOR WALL
  - 19 PLYWOOD SUBFLOOR
  - 20 MOD-LINE
  - 21 FLOOR JOIST SEE STRUCT.
  - 22 EN. SEE NOTE #9
  - 23 6" x 12" x 10' 0" PLATE W/10d @ 12" O.C. TO BLK. & 10d @ 12" O.C. TO FOUNDATION TOP PLATE TYP. 14 FLOS.
  - 24 6" x 12" x 10' 0" PLATE
  - 25 1/4" x 3" x 5" LAG BOREW. TYP. 4-PLACES.
  - 26 #10 STE. TYP. 4-PLACES.
  - 27 2" x 12" x 2'-0" SILL PLATE SEE FOUND. PLAN FOR QUANTITY REQ'D.
  - 28 2" x 6" BLK. W/10d @ MAX. 12" O.C. MIN. 5 PER BLK.
  - 29 10d GALV. BARN NAIL @ MAX. 4" O.C.
  - 30 INSERT REQ'D 2" x 4" BLK'NG OR PLYWD. SHIM W/10d @ 12" O.C. FACE NAIL
  - 31 10' 0" PLATE 4" x 12"



9 ALTERNATE HOLD DOWN



10 ADD BLK'S/SHIM TO LEVEL FOUNDATION

ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	ACCESS COMPLIANCE	STRUCTURAL SAFETY	
<p>© MODTECH INC. 1993</p> <p>Brook Haven School Interim Classroom Building</p>							<p>DRAWN BY</p> <p>DATE</p> <p>CHECKED BY</p> <p>DATE</p>

51.0

STOCKPILE 57970

**NOTES**

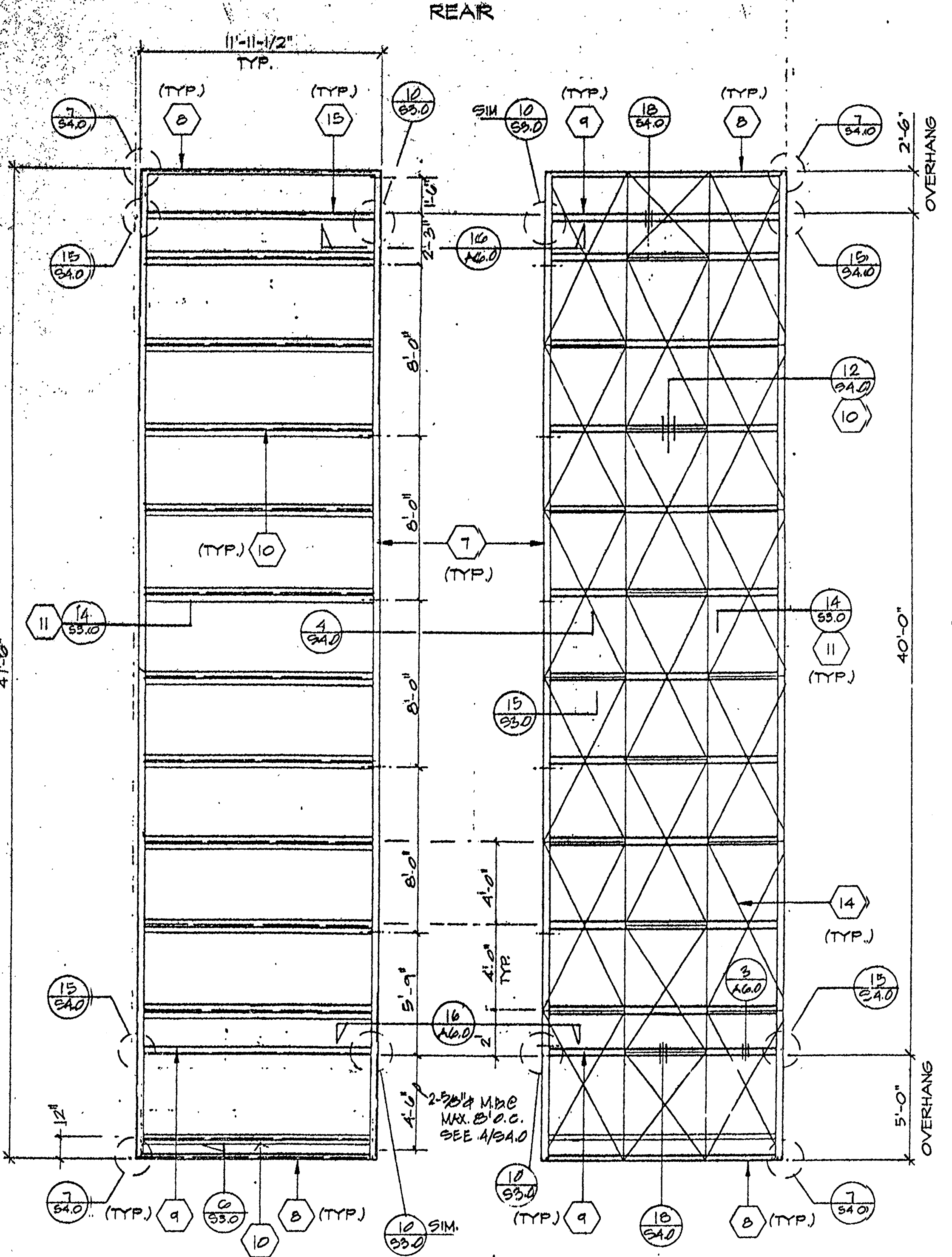
**FLOOR**

- 1 1"x4" PERIMETER FLOOR FRAME
- 2 6-5/8"x2-1/2"x12 SA. FLR. JOIST
- 3 HAND HOLE FOR 5/8" BEAM BOLT
- 4 6-5/8"x2-1/2"x12 SA. BLOCKING
- 5 BLOCKING & HOLD DOWN (4'-6" O.C.)
- 6 PLYWOOD FLOOR SHEATHING APA PS 1-83 STURD-I-FLOOR 1-1/2" THK. T&E EXPOSURE 1 OR STURD-I-WOOD ATTACH PLYWOOD TO 1"x4" W/10-1-3/4" STFFHS @ 6" O.C. EN @ 6" O.C. FN ATTACH PLYWOOD TO FLOOR JOIST W/AEROSMITH AKN 144.0175 DRIVE PINS @ 6" O.C. EN 6" O.C. FN

**ROOF**

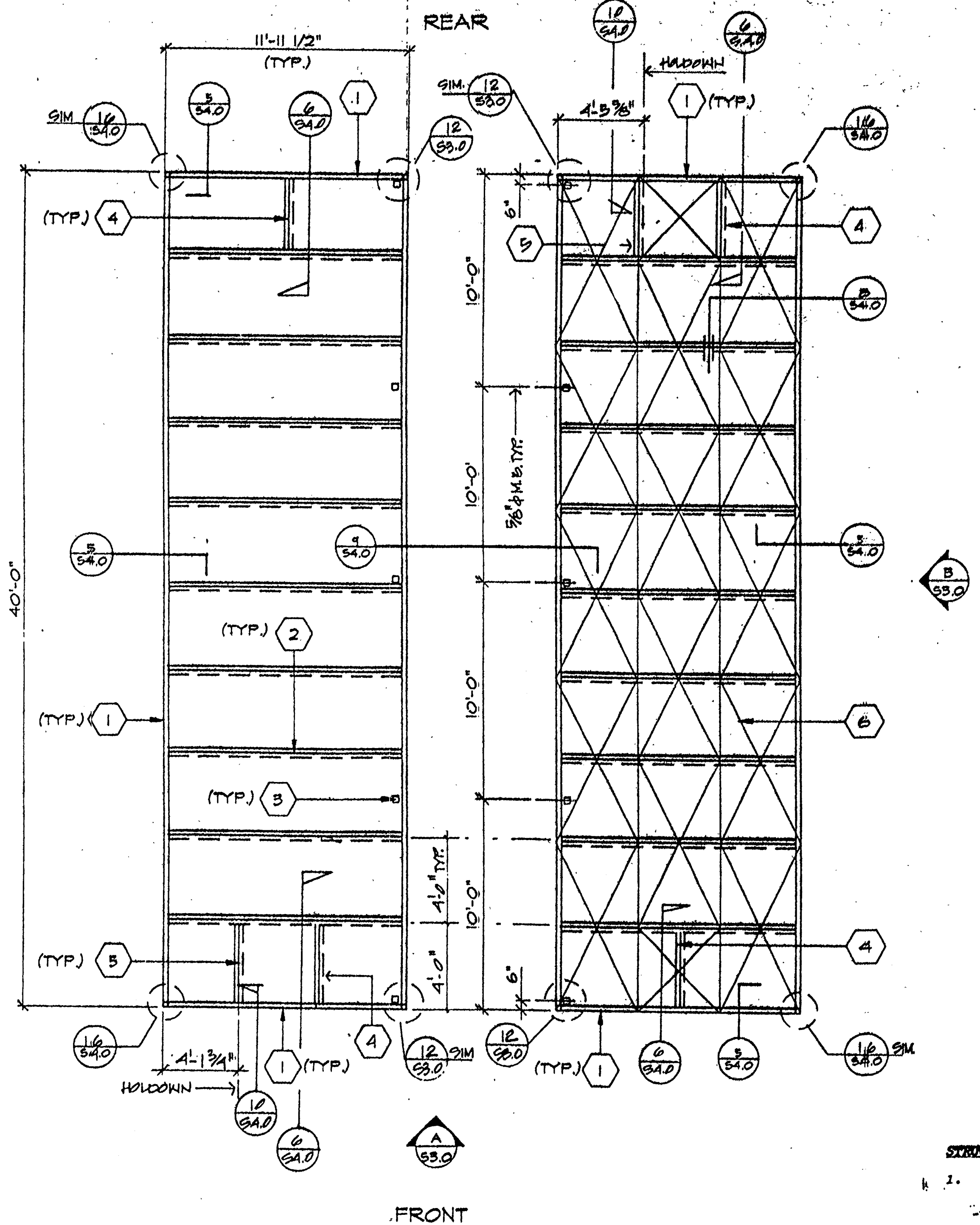
- 7 BEAM @ MIDLINE (SEE DTL: 5/53.0)
- 8 FASCIA (SEE DTL: 6/53.0)
- 9 HEADER (SEE DTL: 7/53.0 TYPE 'A')
- 10 ROOF FURLIN (SEE DTL: 5/53.0)
- 11 BEAM @ SIDE WALL (SEE DTL: 4/53.0)
- 12 NOT USED.
- 13 NOT USED.
- 14 PLYWOOD ROOF SHEATHING 3/4" CD EXP. 1 P.I.I. 48/24 PS 1-83 PLYCLIPS @ 16" O.C. LONG EDGES. #10-1-1/4" STFFHS @ 6" O.C. TO PERIMETER FRAME, AEROSMITH AKN. 144.0175 DRIVE PINS @ 6" O.C. @ SUPPORTED EDGES @ 6" O.C. FIELD TO TO FURLIN. PLYWOOD PATTERN SHOWN IS TYPICAL THRU-OUT.
- 15 HEADER (SEE DTL: 7/53.0 TYPE 'B')

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DATE DEC 17 2003



**ROOF FRAMING PLAN**

SCALE 1/4"=1'-0"



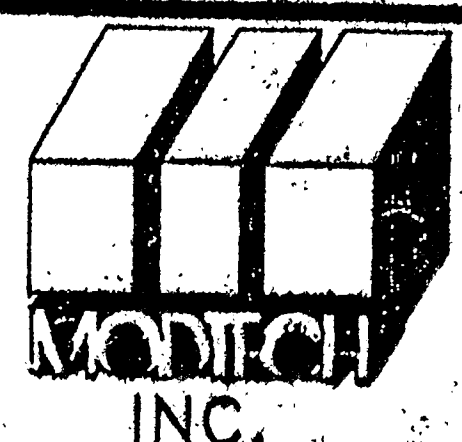
**FLOOR FRAMING PLAN**

SCALE 1/4"=1'-0"

**STRUCTURAL STEEL:**

1. Structural Steel Shapes, ASTM A-36, open hearth or electric furnace only, all regular shapes as described in AISC Construction Manual, unless noted otherwise.
2. Cold-Formed Light Gauge Steel, ASTM A-570, Grade 33; minimum yield 33,000 PSI.
3. Structural Pipe and Tubing, ASTM A-500 Grade B.
4. Bolt Materials, Bolts and nuts, American Standard Regular, as detailed in AISC Construction Manual, fabricated from structural quality steel, ASTM A-307.
5. Arc-Welding Electrodes, Class E-70 Series for welding A-36 steel to A-36 and E-70 series for welding A-570 steel to A-36 conforming requirements of structural welding code of American Welding Society latest edition.

ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	ACCESS COMPLIANCE	STRUCTURAL SAFETY

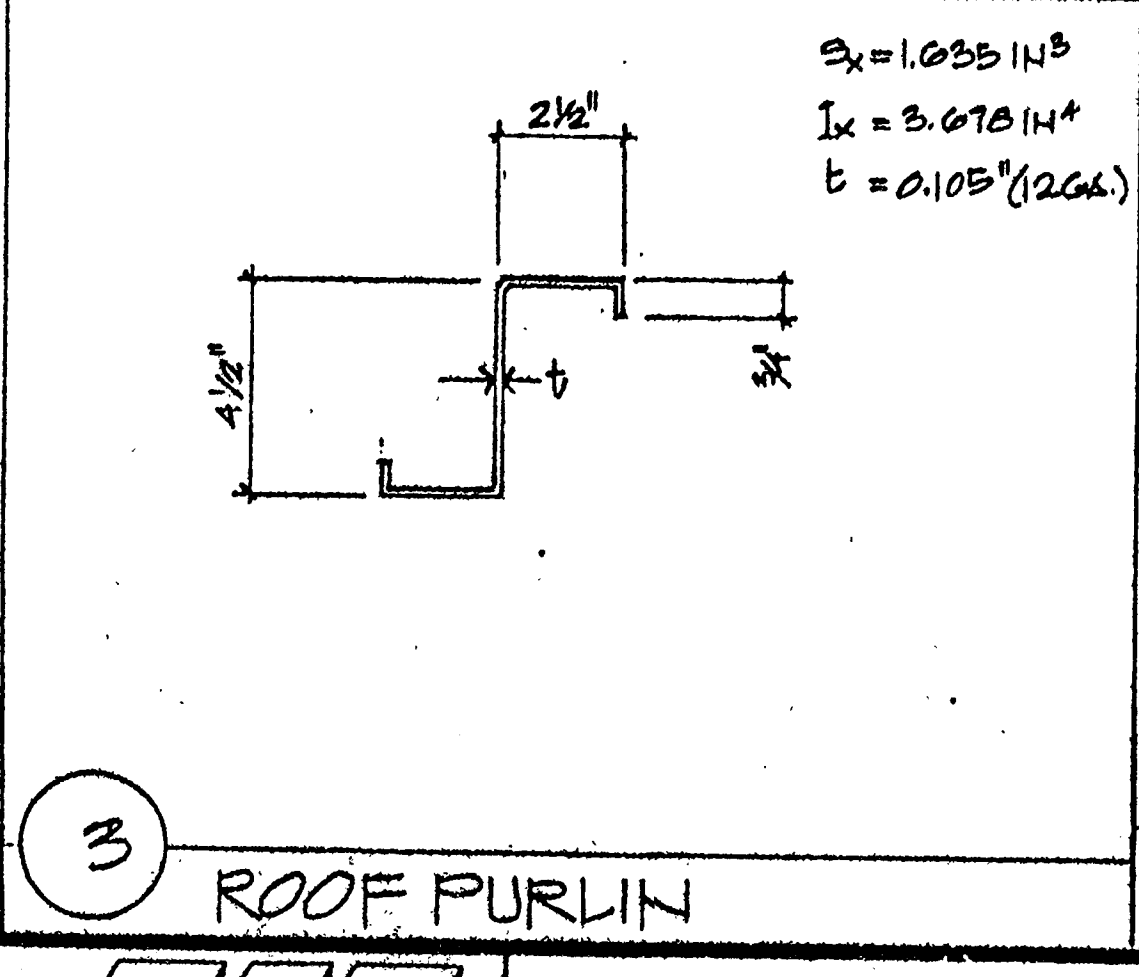
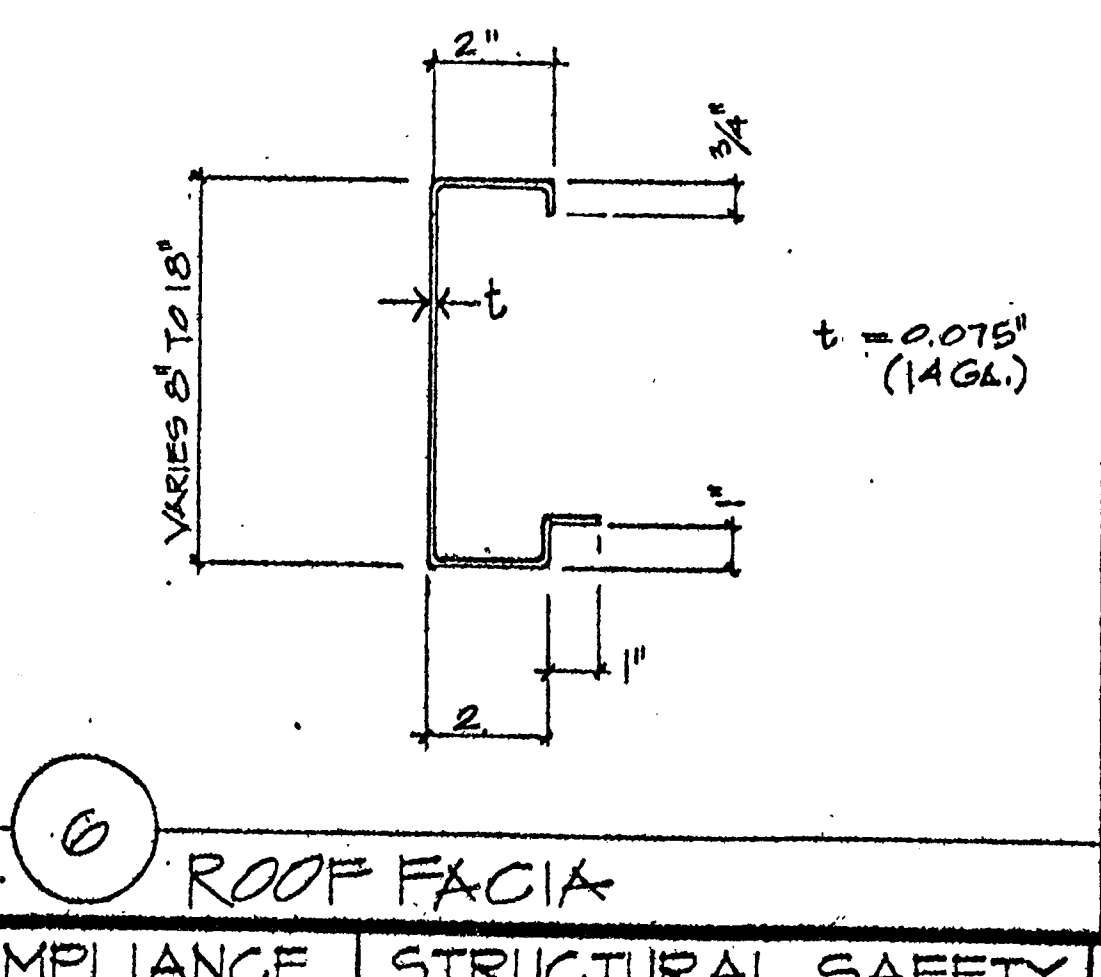
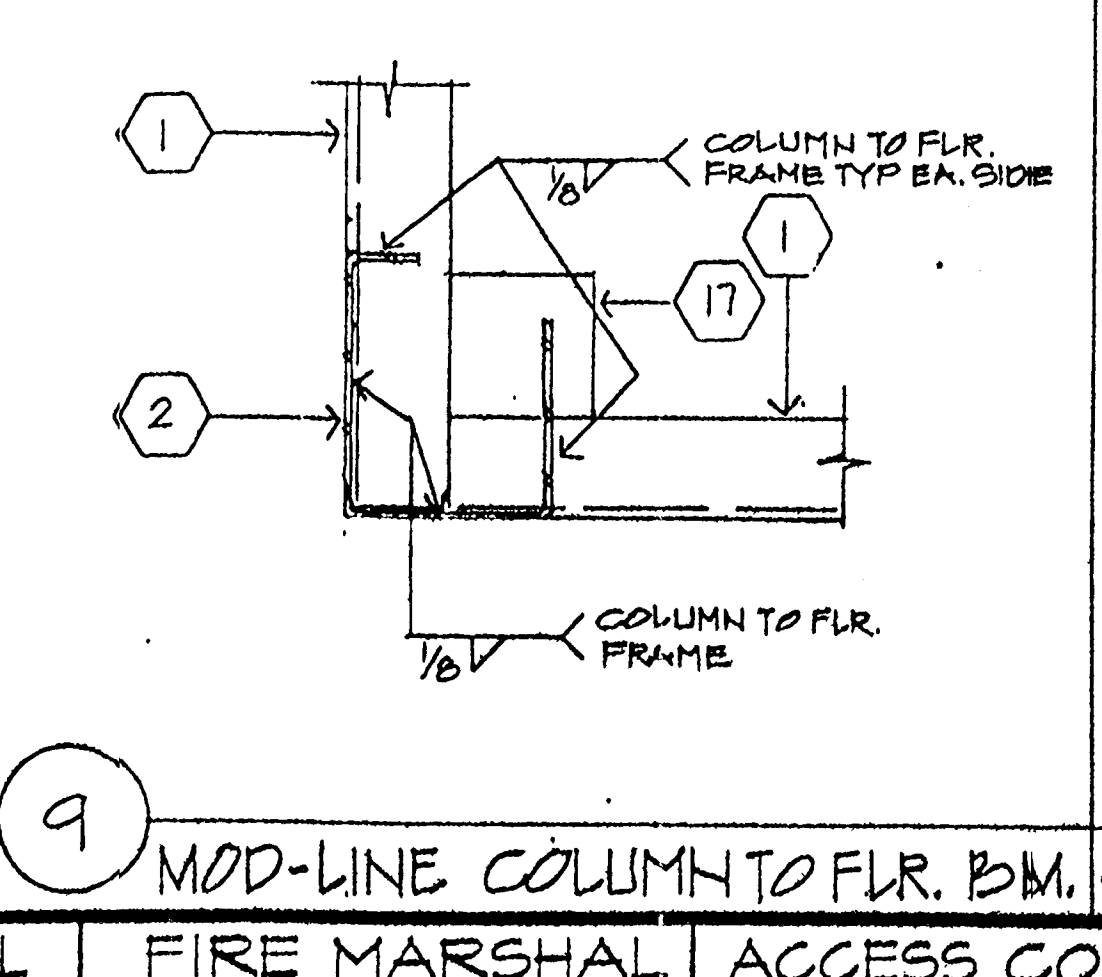
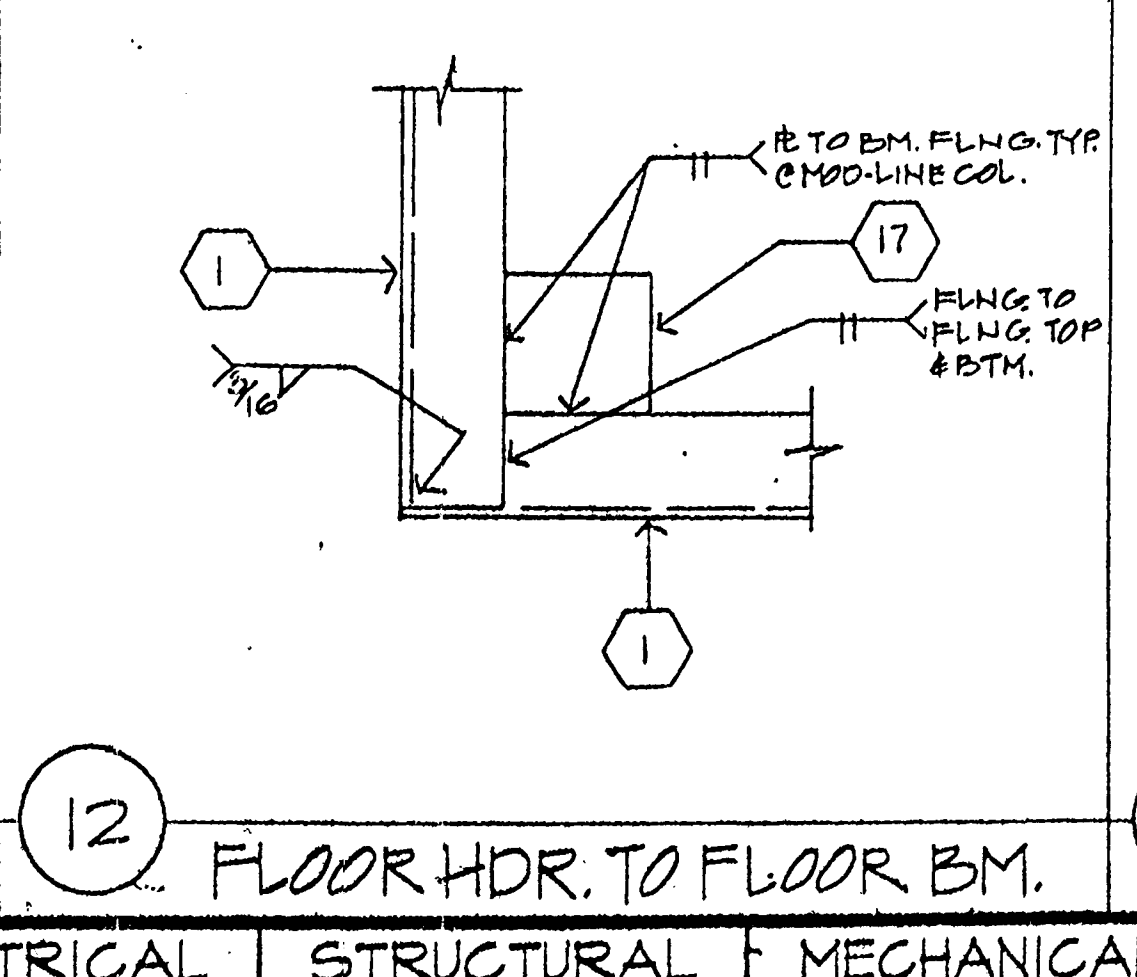
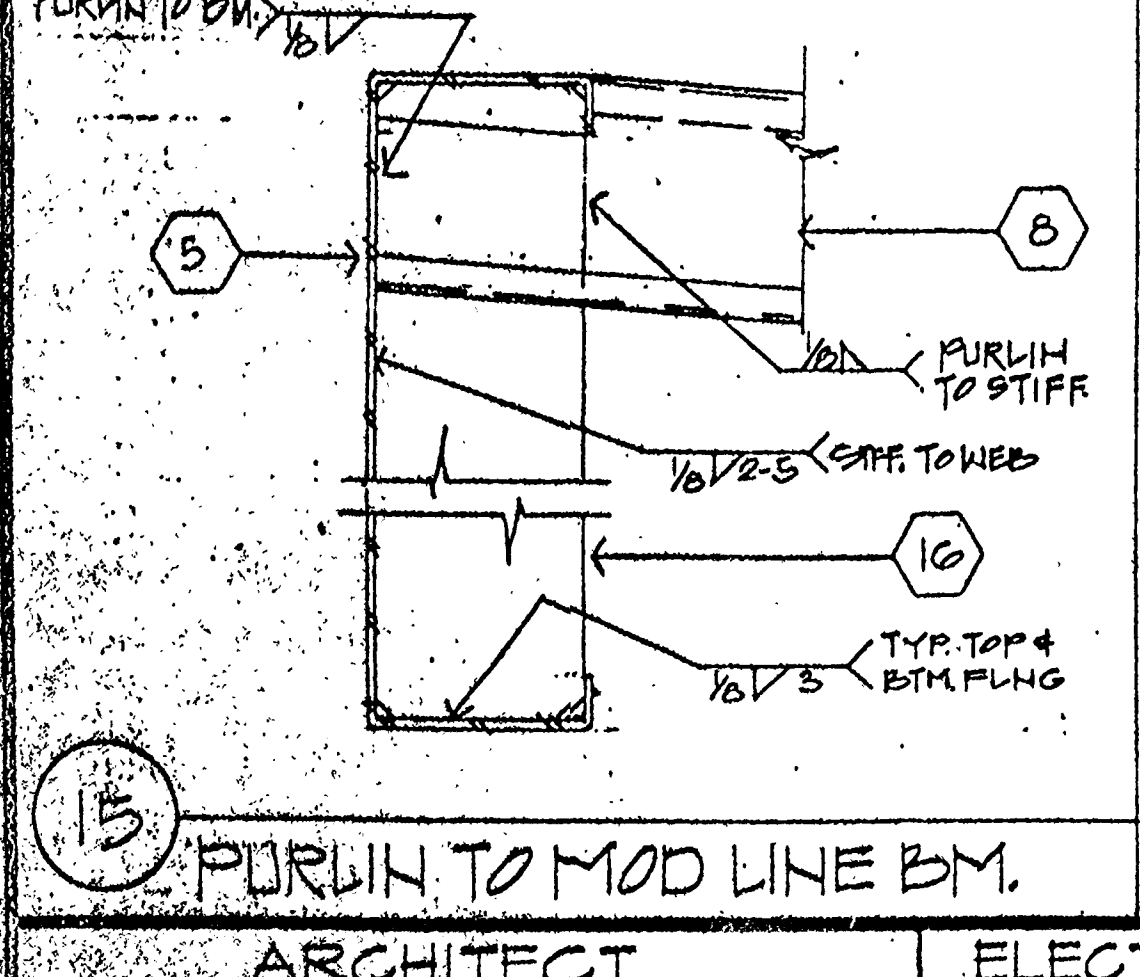
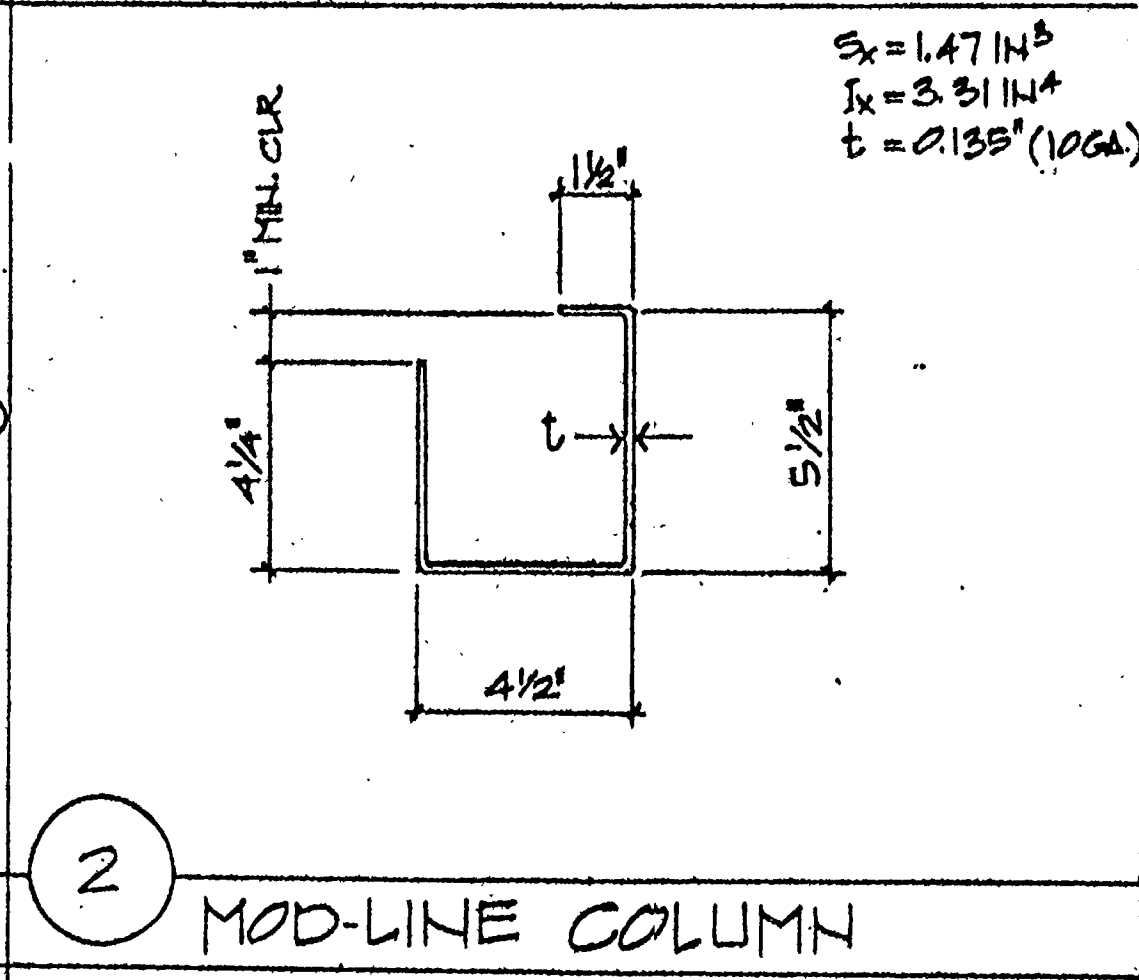
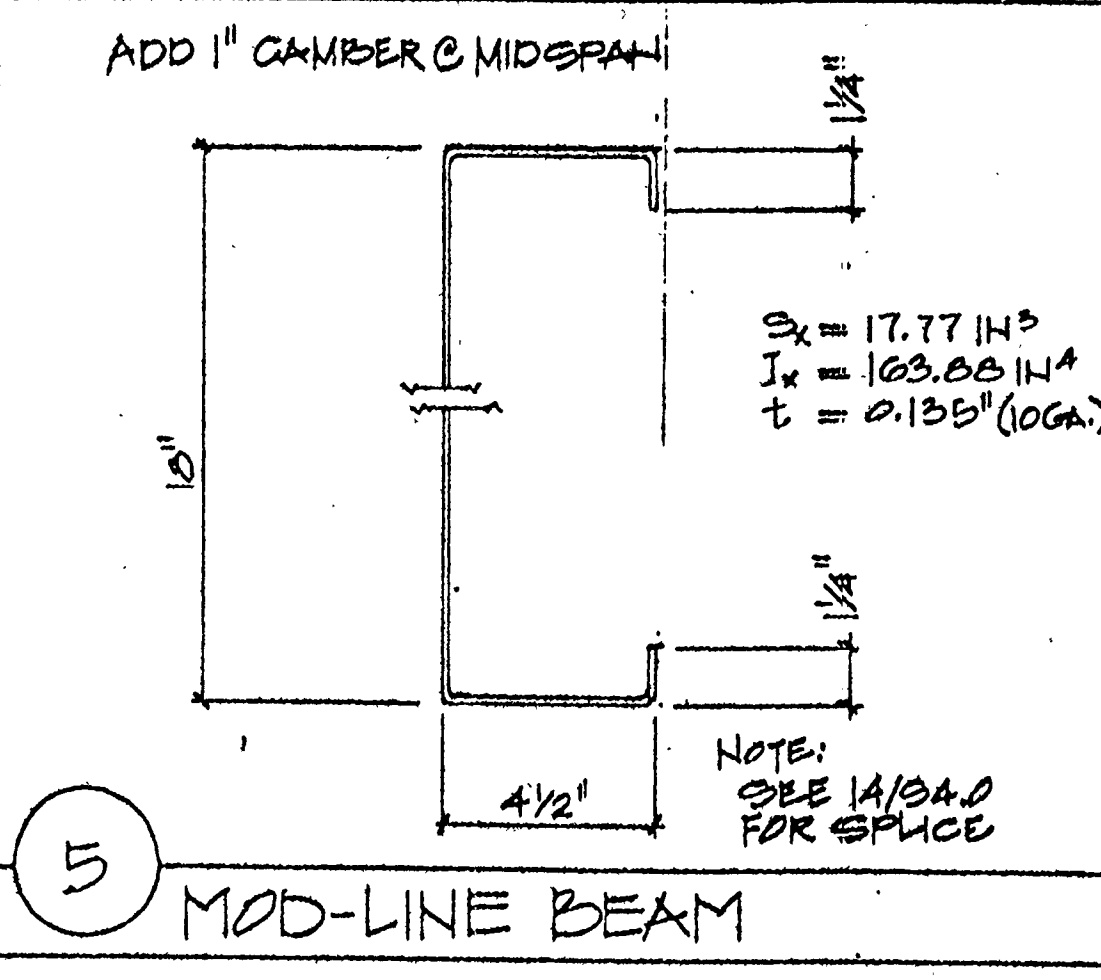
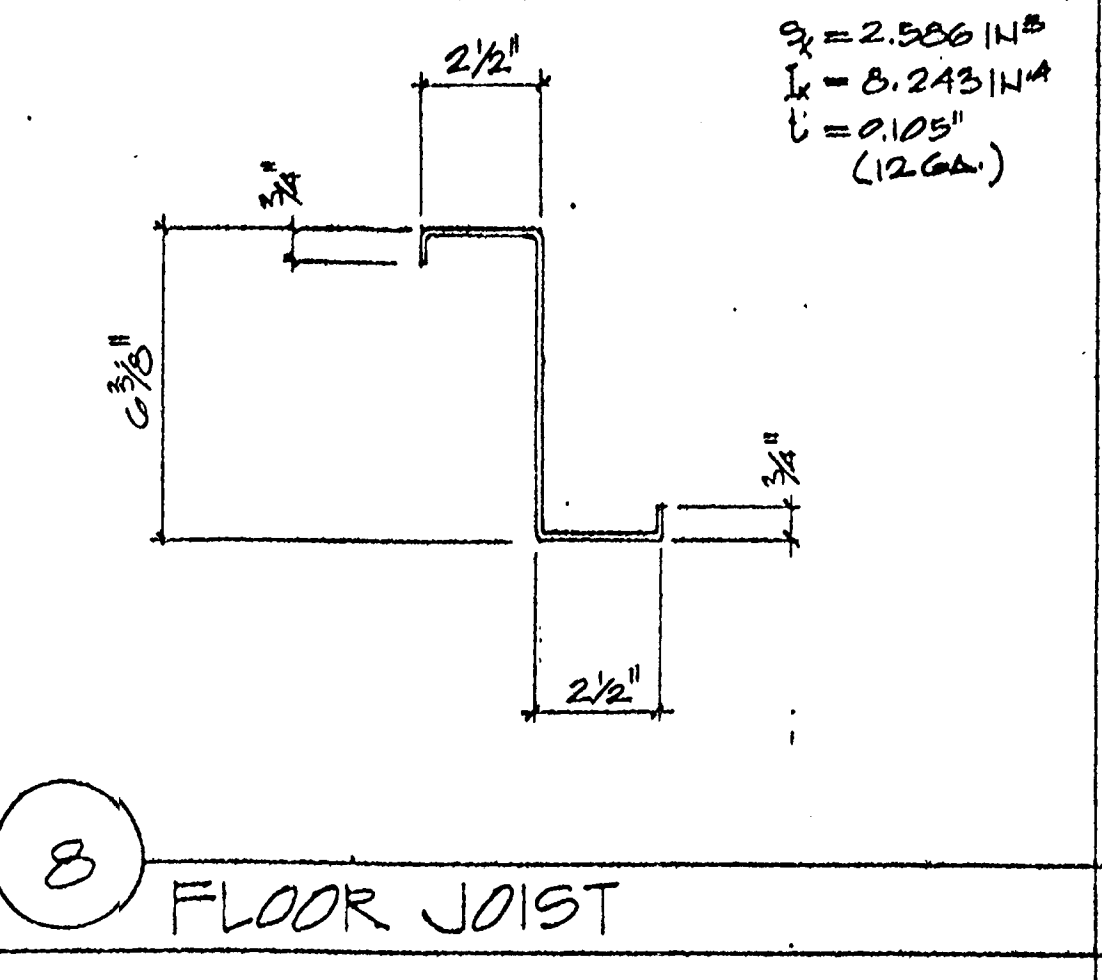
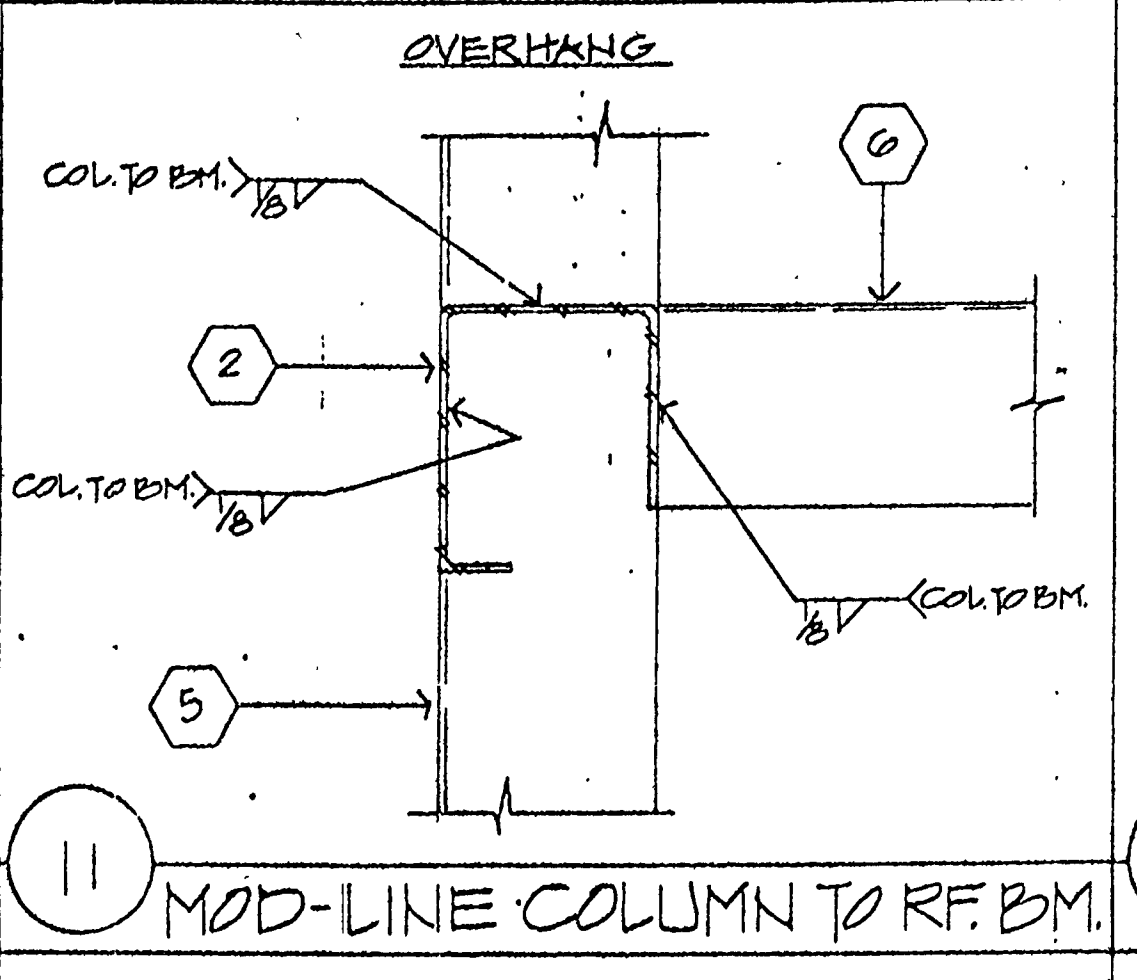
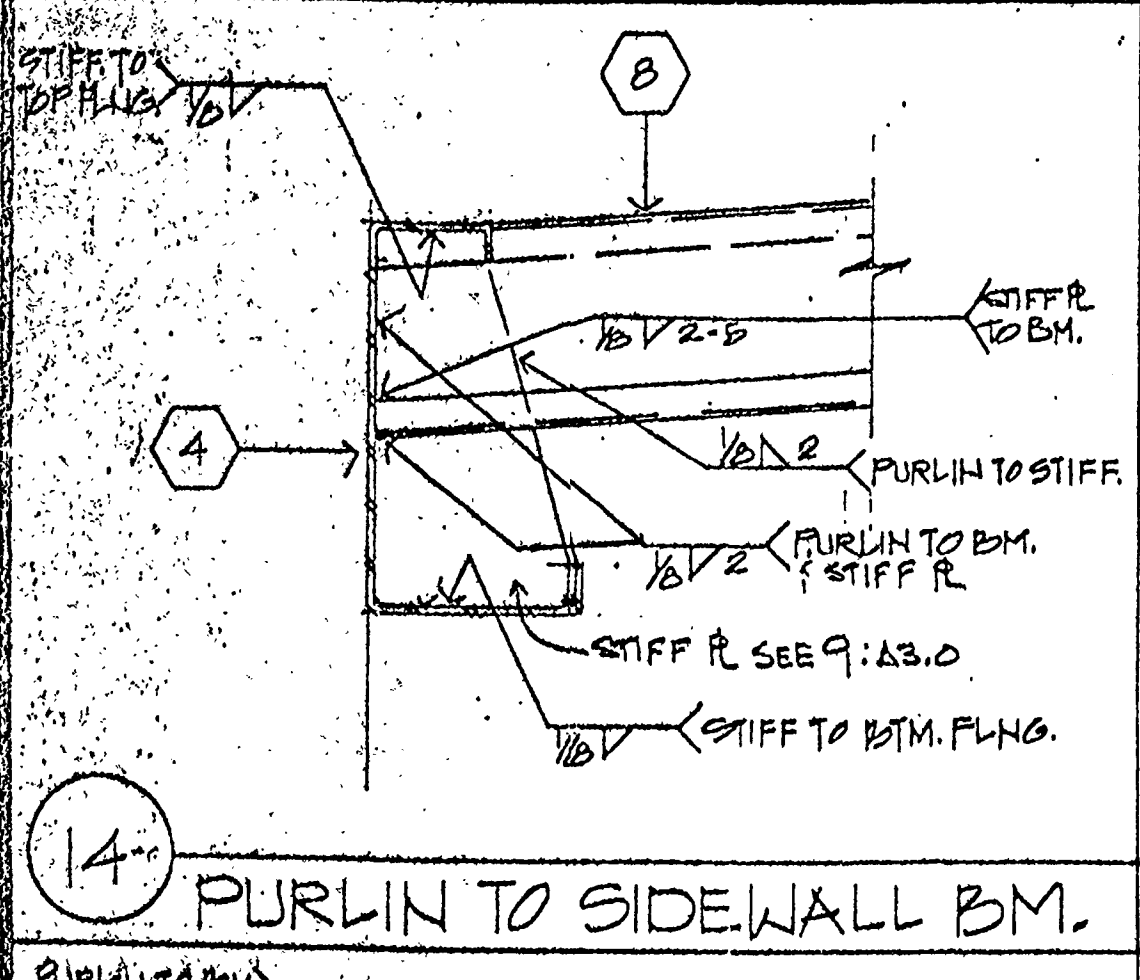
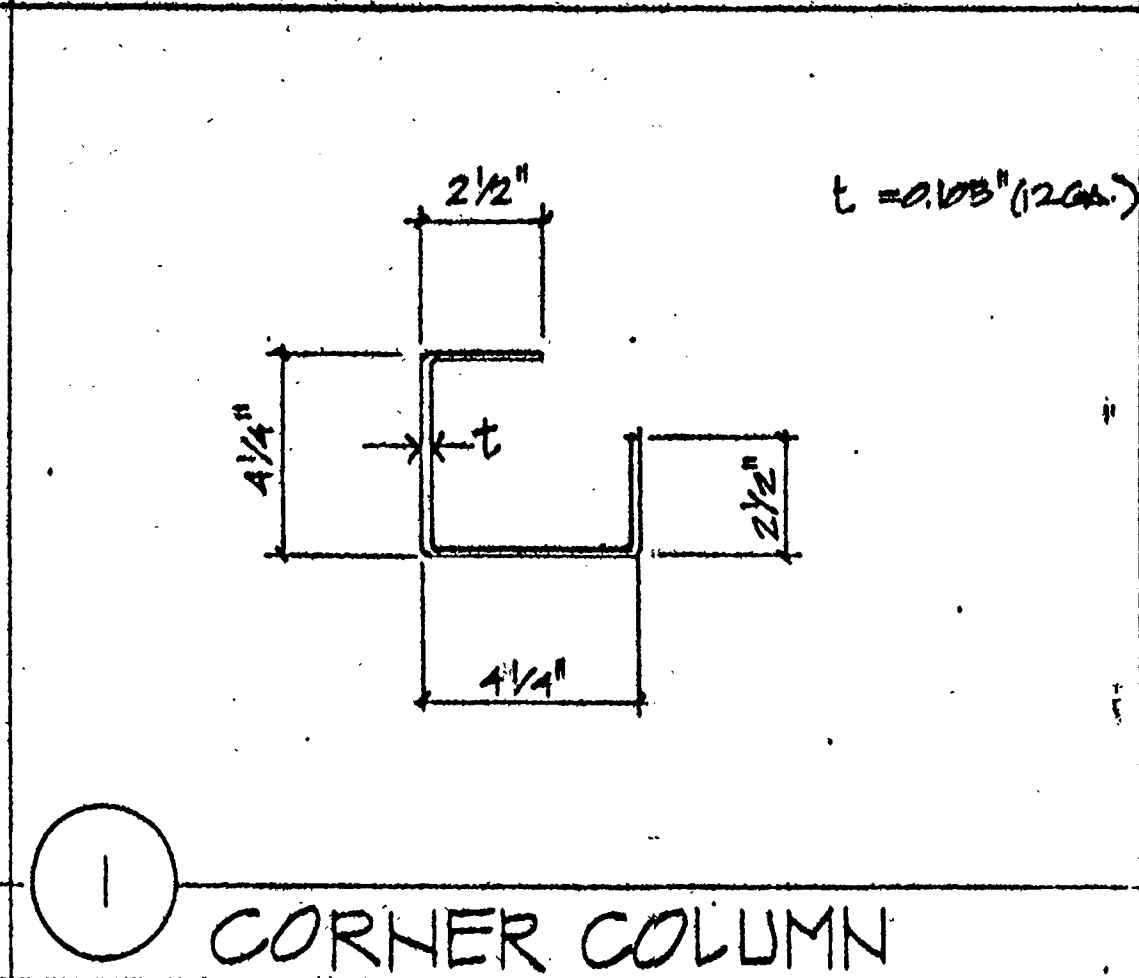
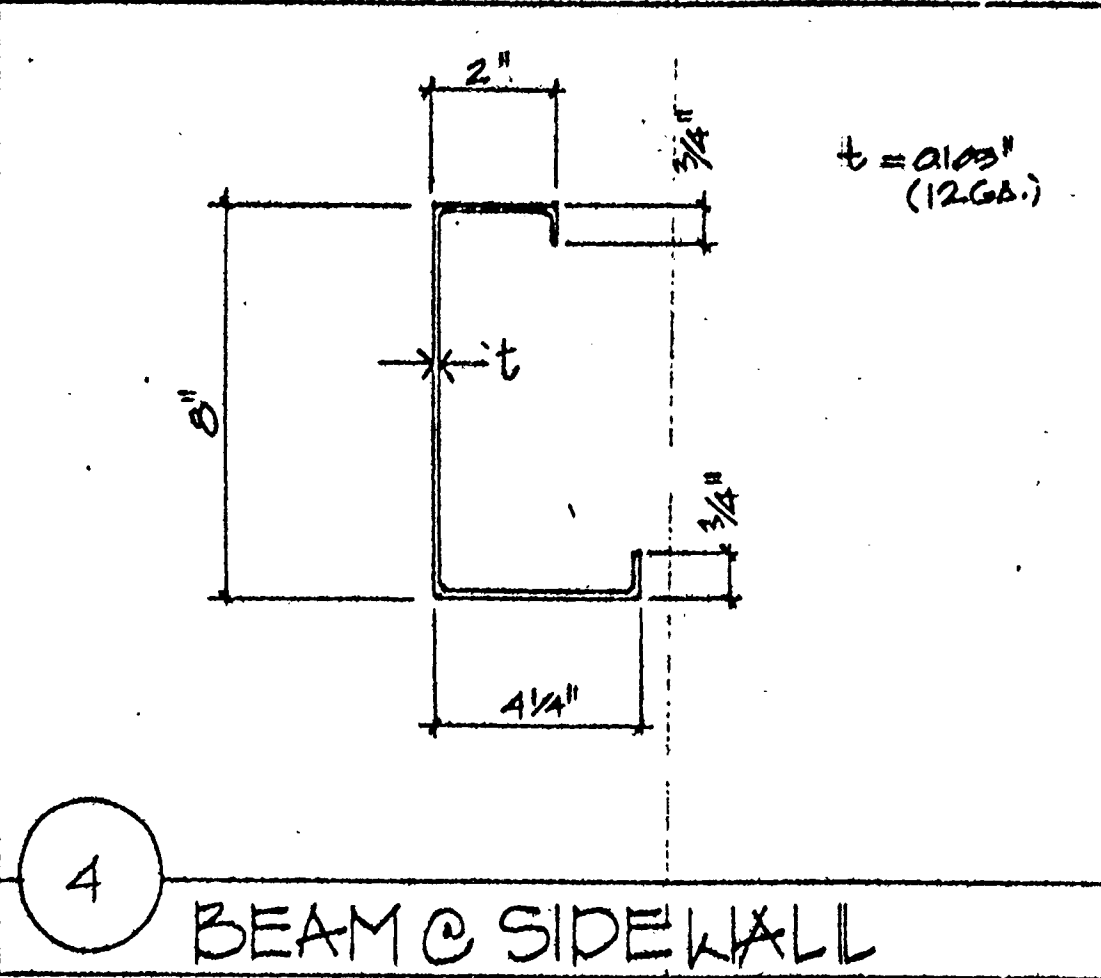
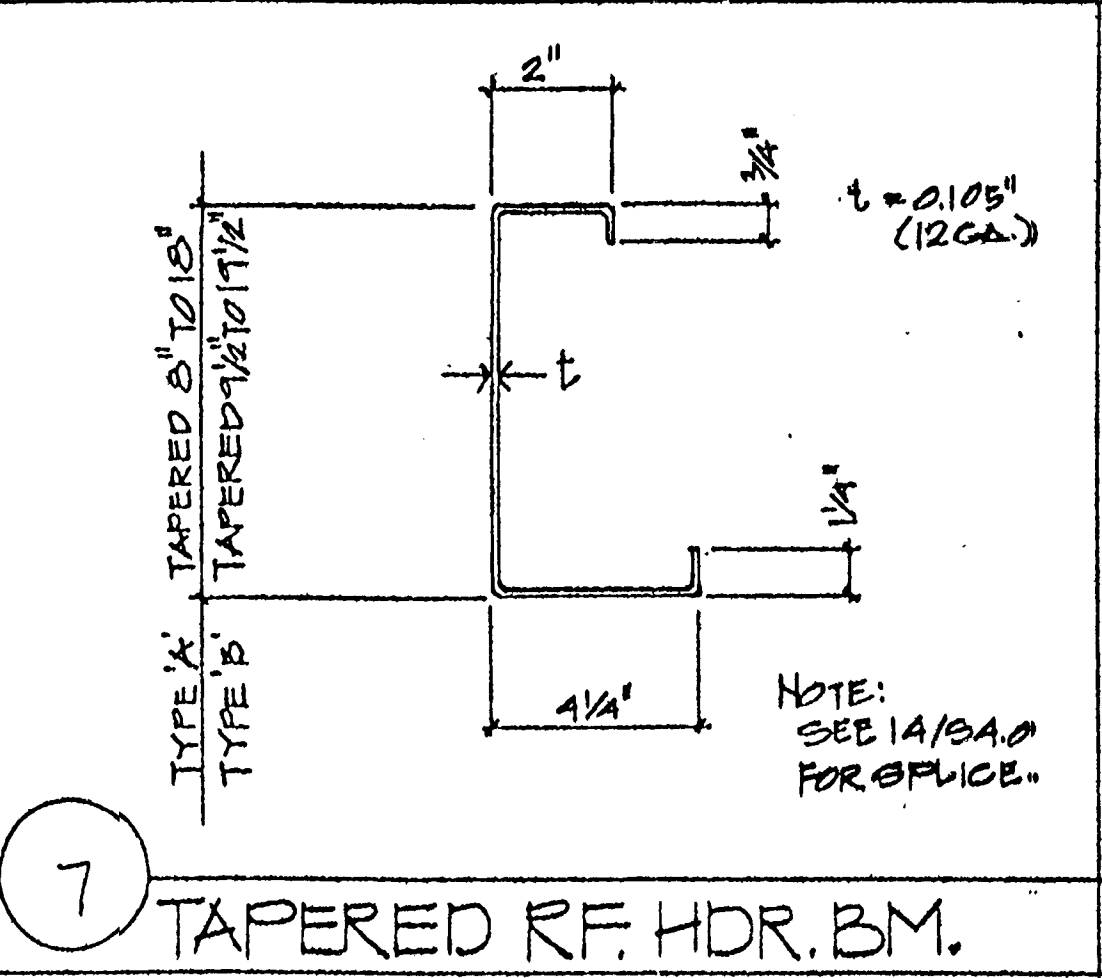
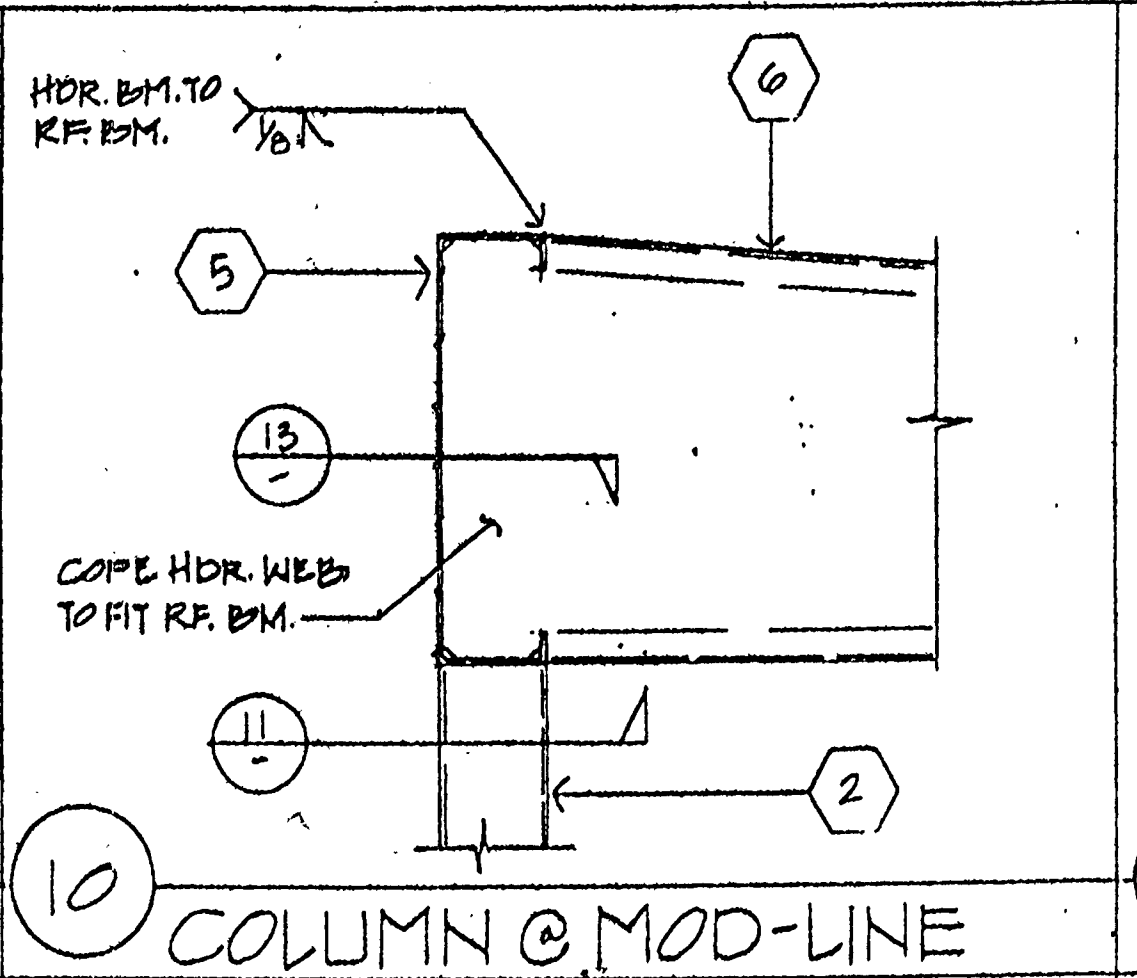
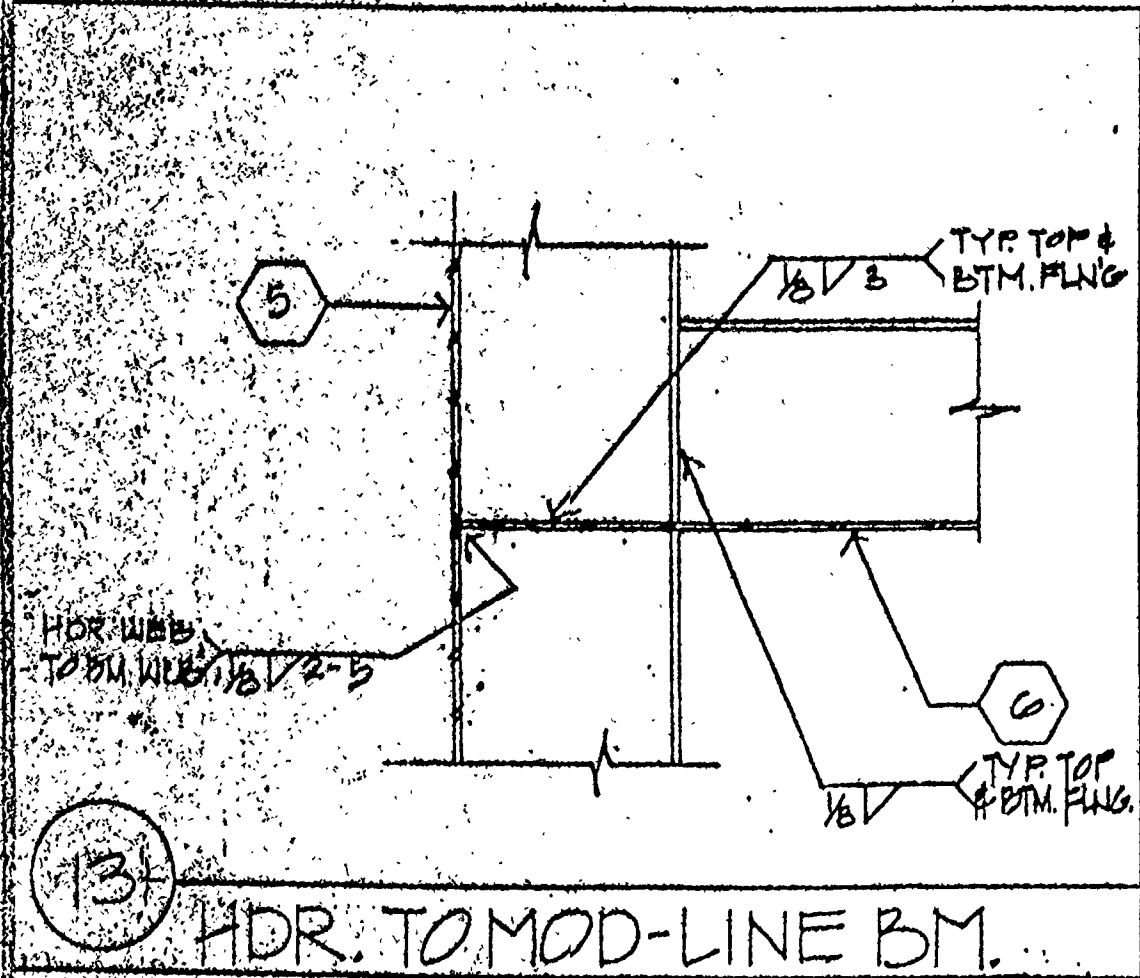
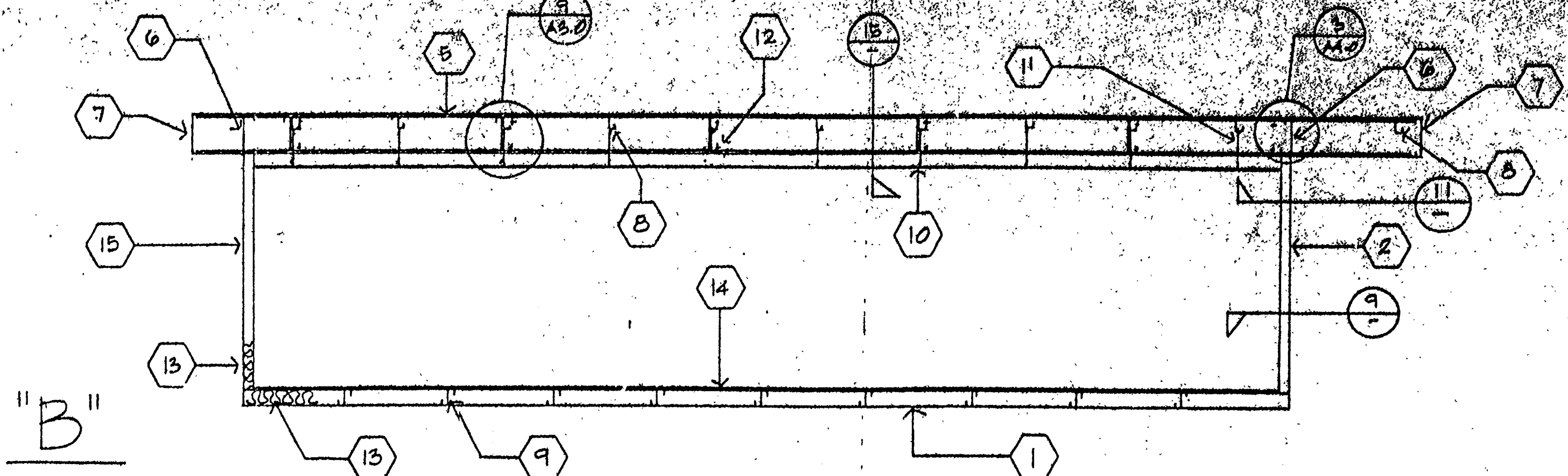
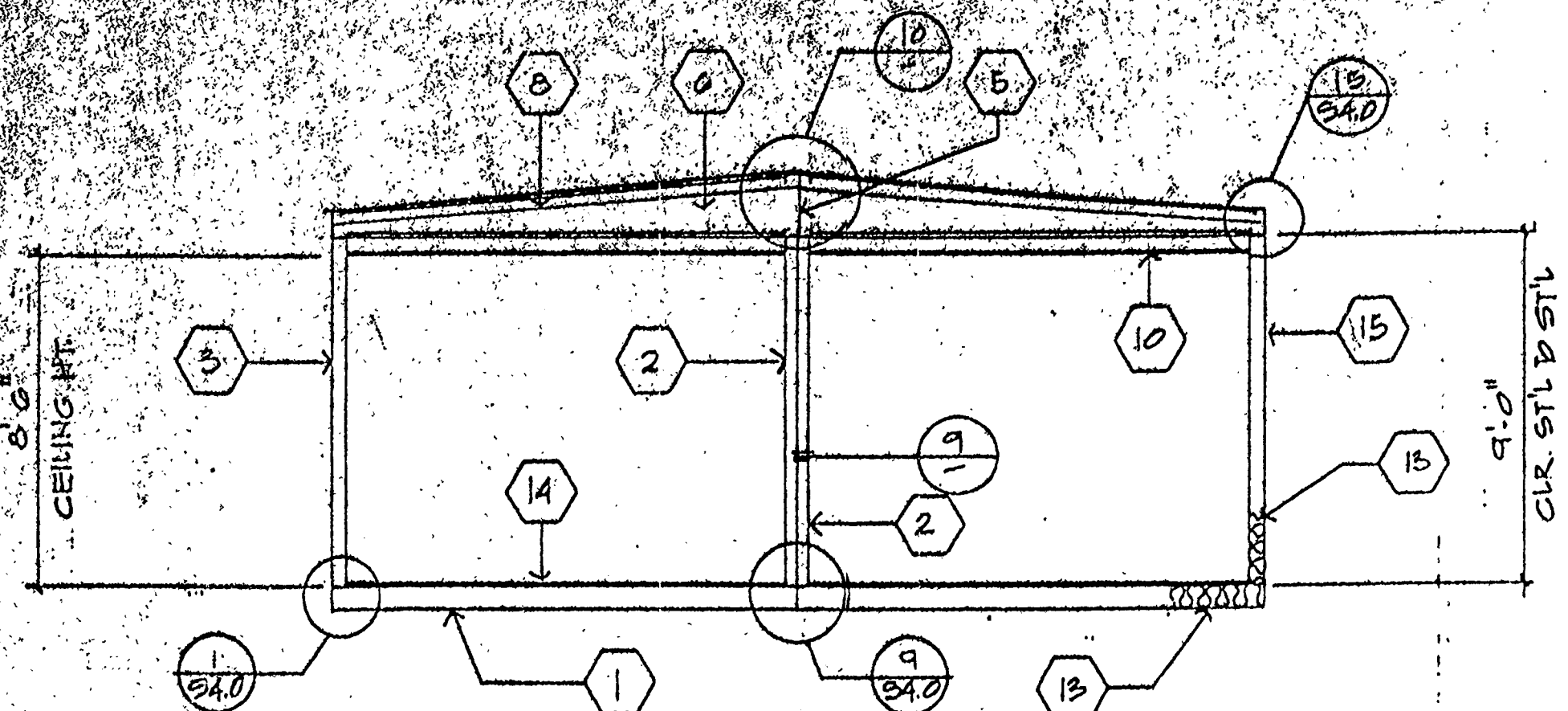


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 O. L. A.  
 24'x40' BLD'G. Brook Haven School  
 Interim Classroom Buildings  
**ROOF / FLOOR FRAMING PLAN 52.0**

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NOTES

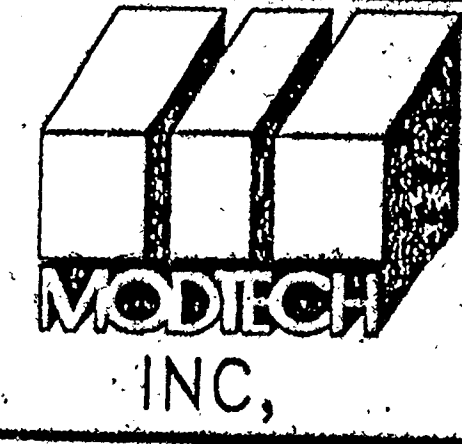
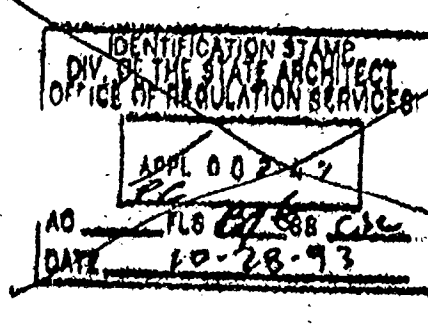
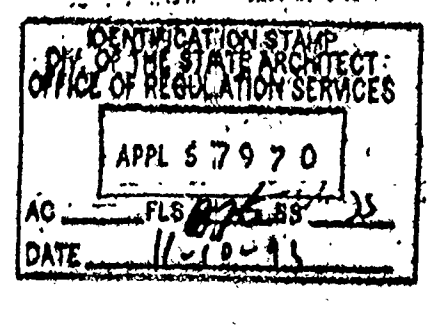
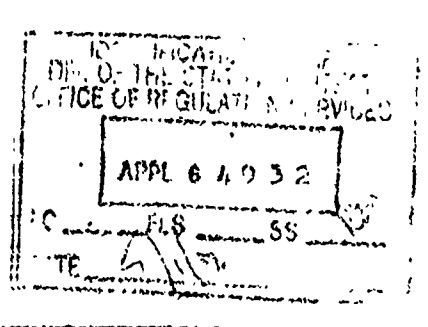
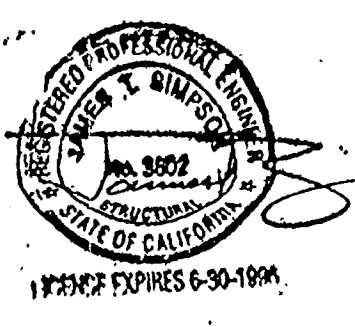
- 1 CTx9.8 PERIMETER FLOOR BEAM
- 2 COLUMN @ MOD-LINE
- 3 COLUMN @ SIDEWALL
- 4 BEAM @ SIDEWALL
- 5 BEAM @ MOD-LINE 1" CAMBER @ MIDSPAN
- 6 ROOF HDR. BEAM
- 7 ROOF FACIA
- 8 ROOF PURLIN
- 9 FLOOR JOIST
- 10 SUSPENDED CEILING GRID SEE A4.0
- 11 CEILING HANGER WIRE SEE A4.0
- 12 3/8" Ø M.B. @ 6" FROM RF. HDR. BM. & MAX. O.C. @ STIFF PL.
- 13 R-11 INSULATION
- 14 1/2" PLYWOOD FLOORING
- 15 EXTERIOR WALL SEE A5.0
- 16 5/16" STIFFENER PL.
- 17 3"x3"x1/4" PL @ MOD-LINE CORNER ONLY



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AC. FLS. 30 14P  
DATE DEC 17 2001

NOTE:  
THICKNESS TOLERANCE OF LIGHT GAGE  
STEEL SHALL NOT BE LESS THAN 95%  
OF 't' PER AISI A3.4

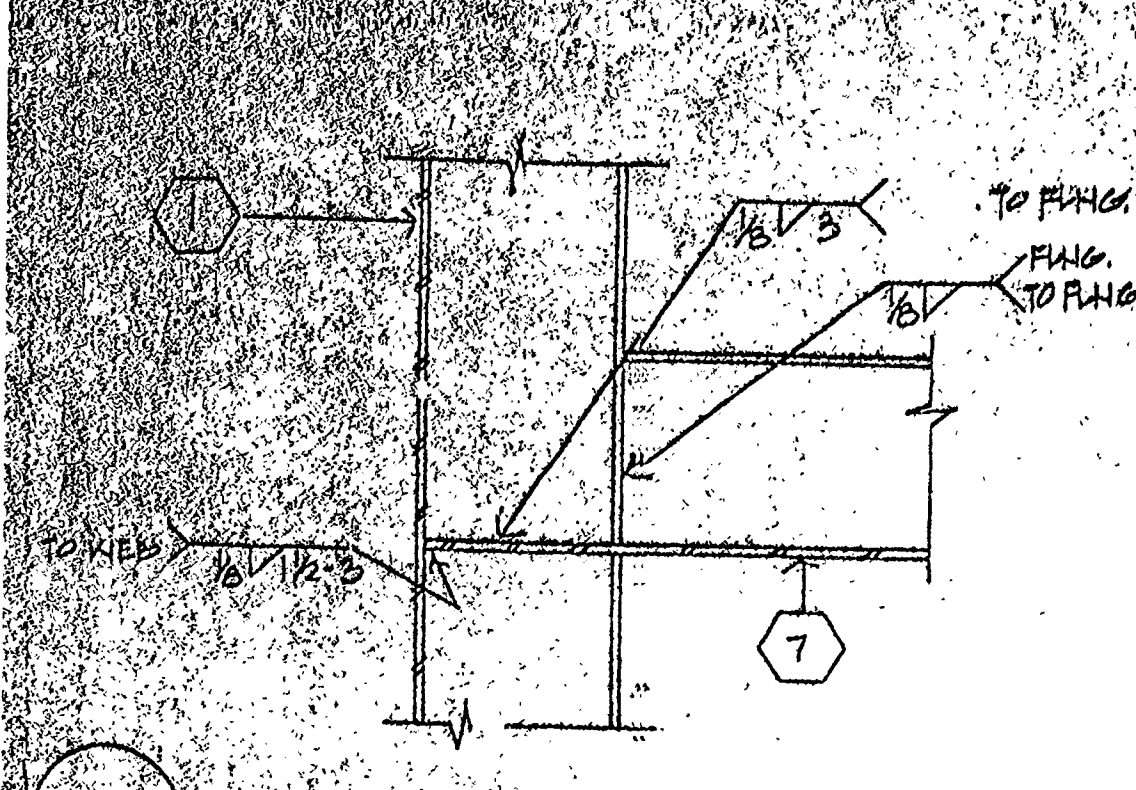
ARCHITECT    ELECTRICAL    STRUCTURAL    MECHANICAL    FIRE MARSHAL    ACCESS COMPLIANCE    STRUCTURAL SAFETY



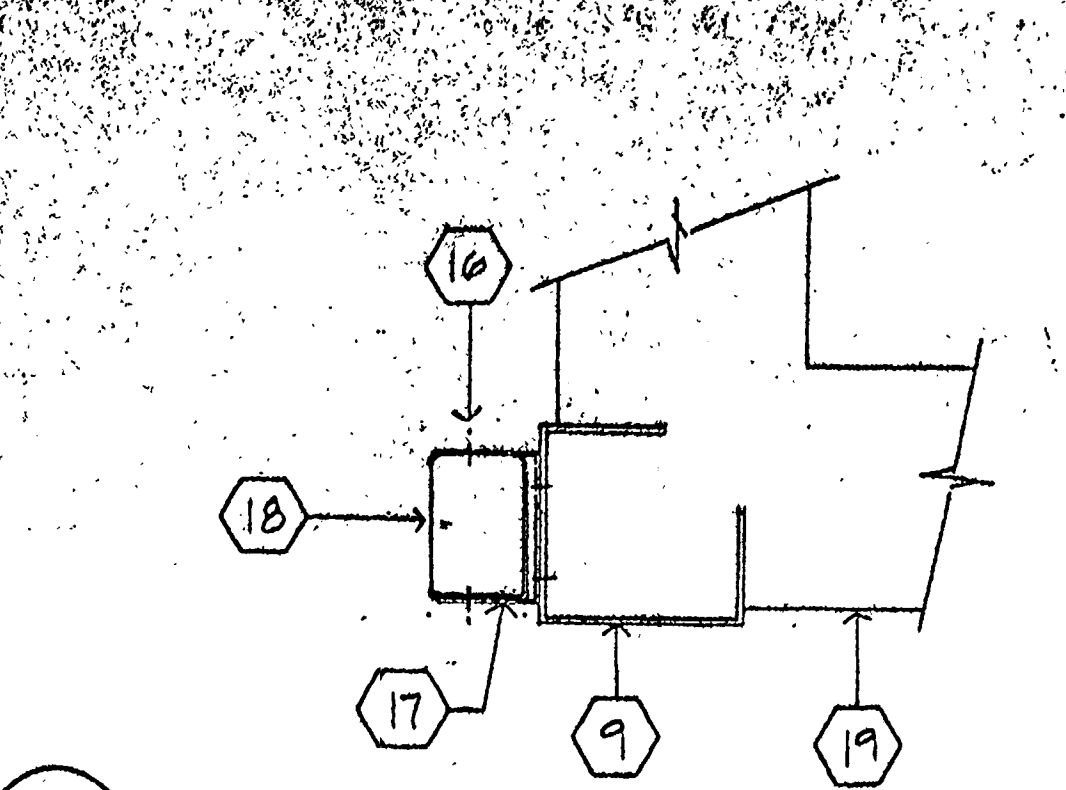
© MODTECH INC. 1993  
DRAWN BY  
CHECKED BY  
DATE  
Brook Haven School  
Interim Classroom Buildings  
530

STOCKPILE 57970

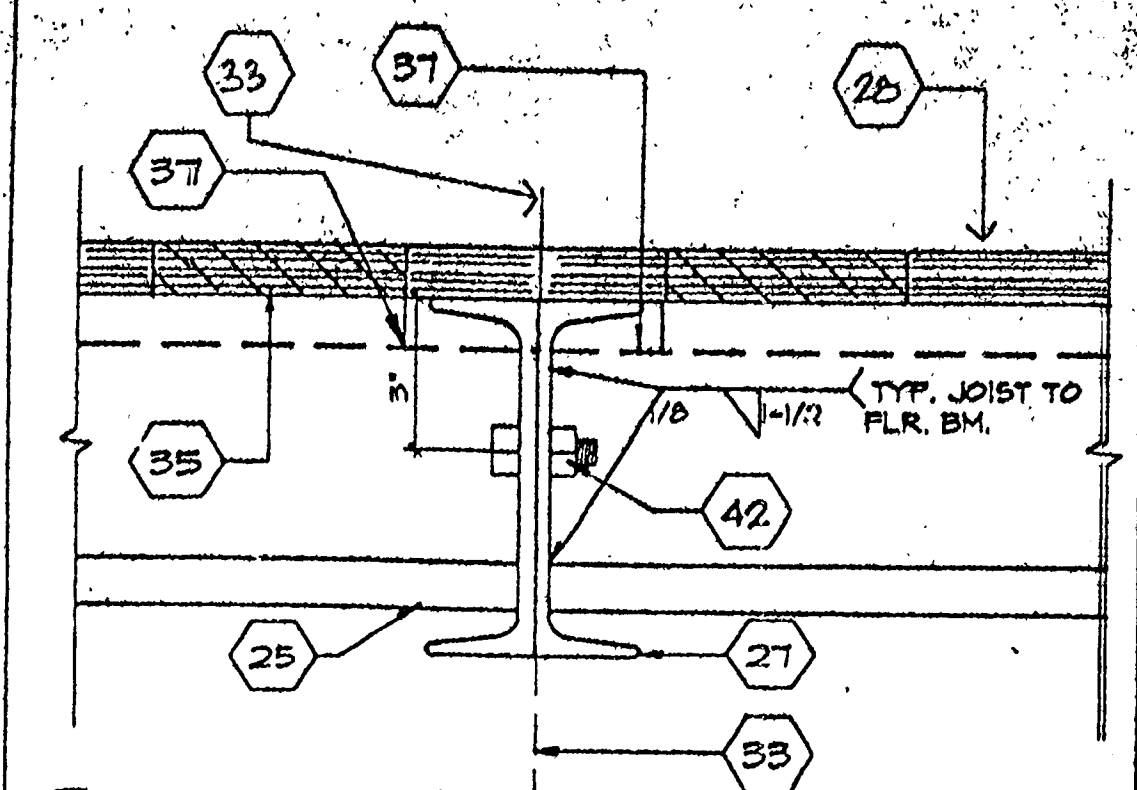




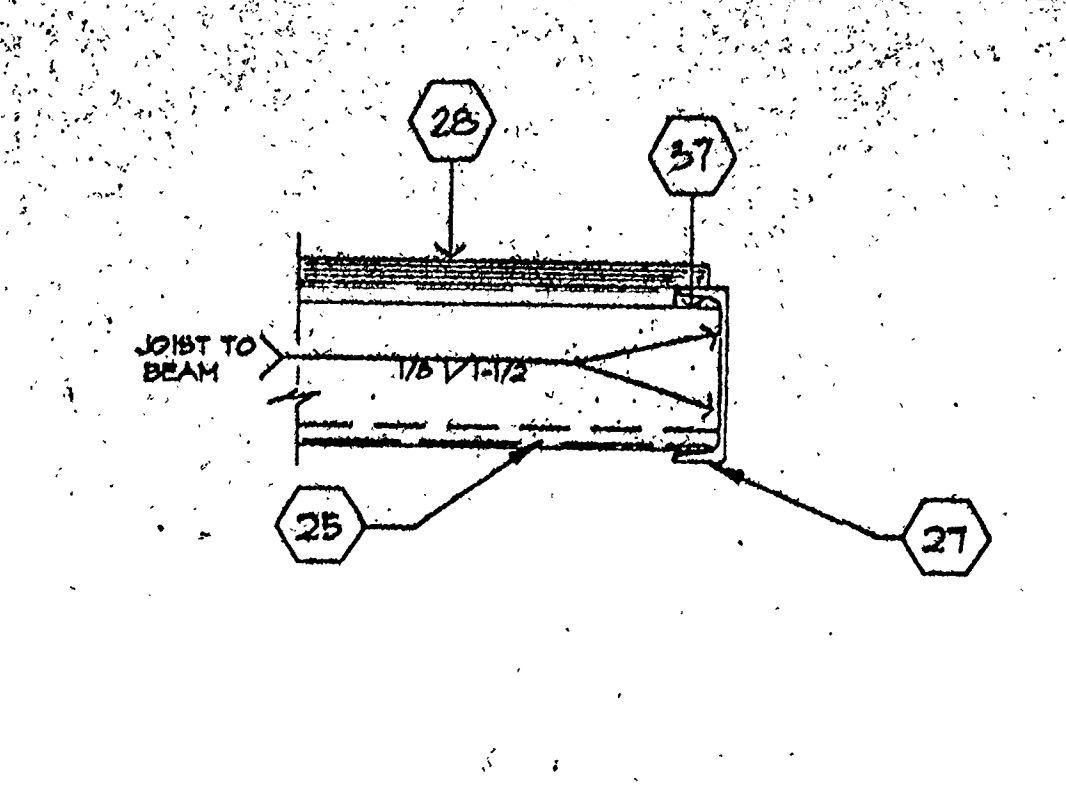
17 SECTION HDR. TO RF. BM.



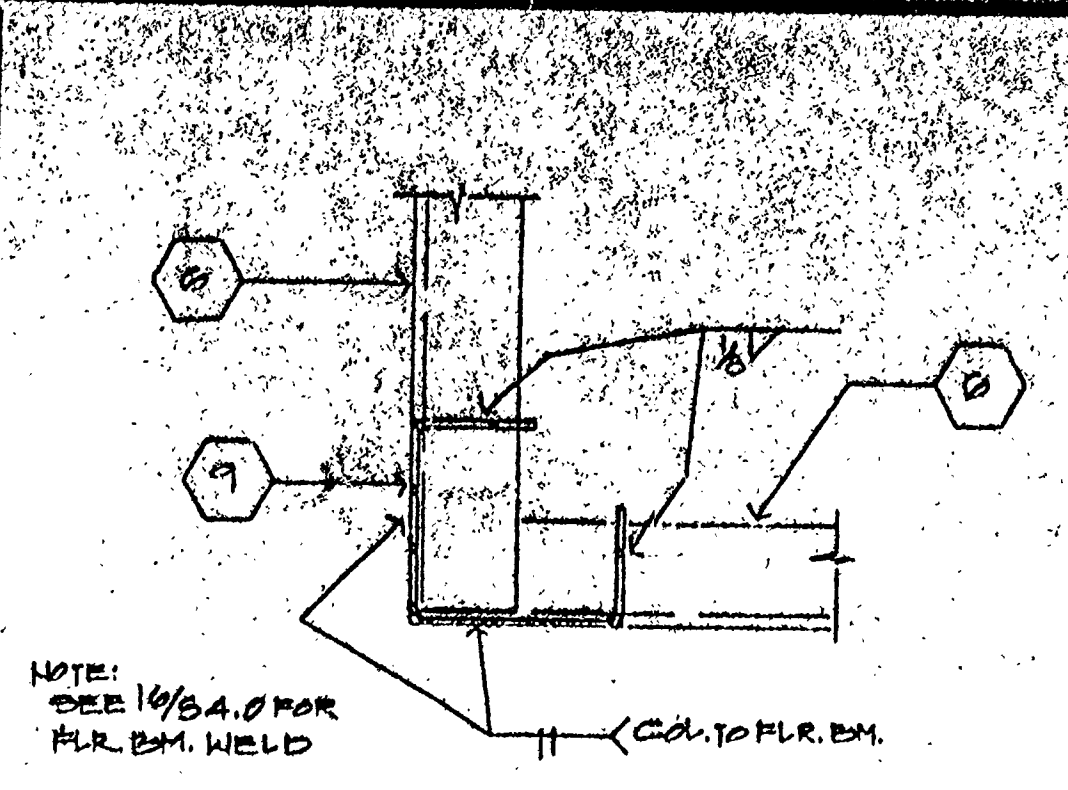
13 DOWN SPOUT



9 FLR. FRAME @ MODLINE



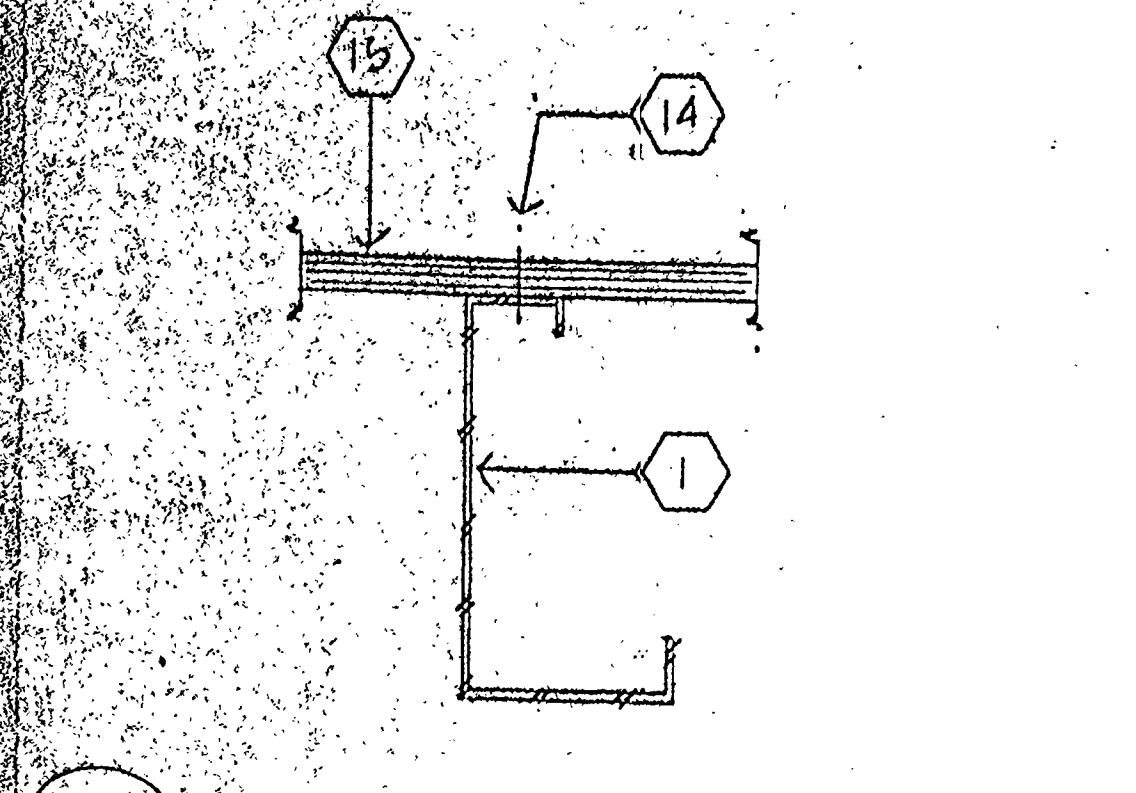
5 FLOOR FRAME



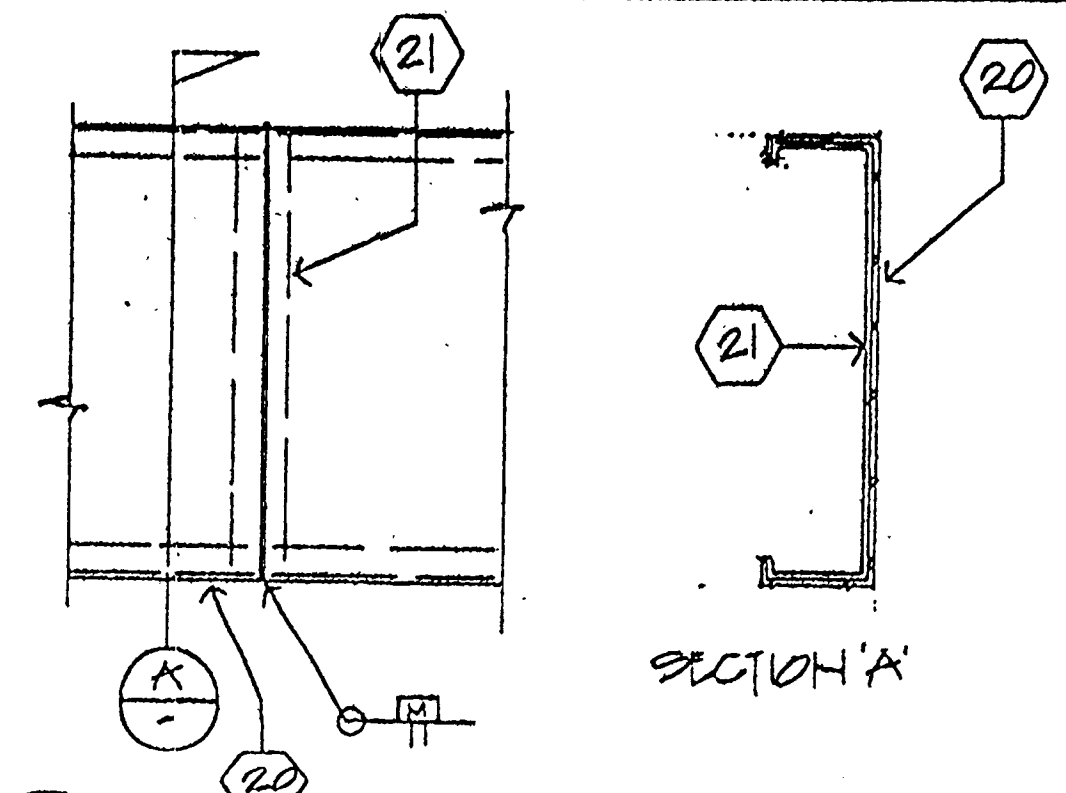
1 CORNER COLUMN TO FLR. BM.

NOTES

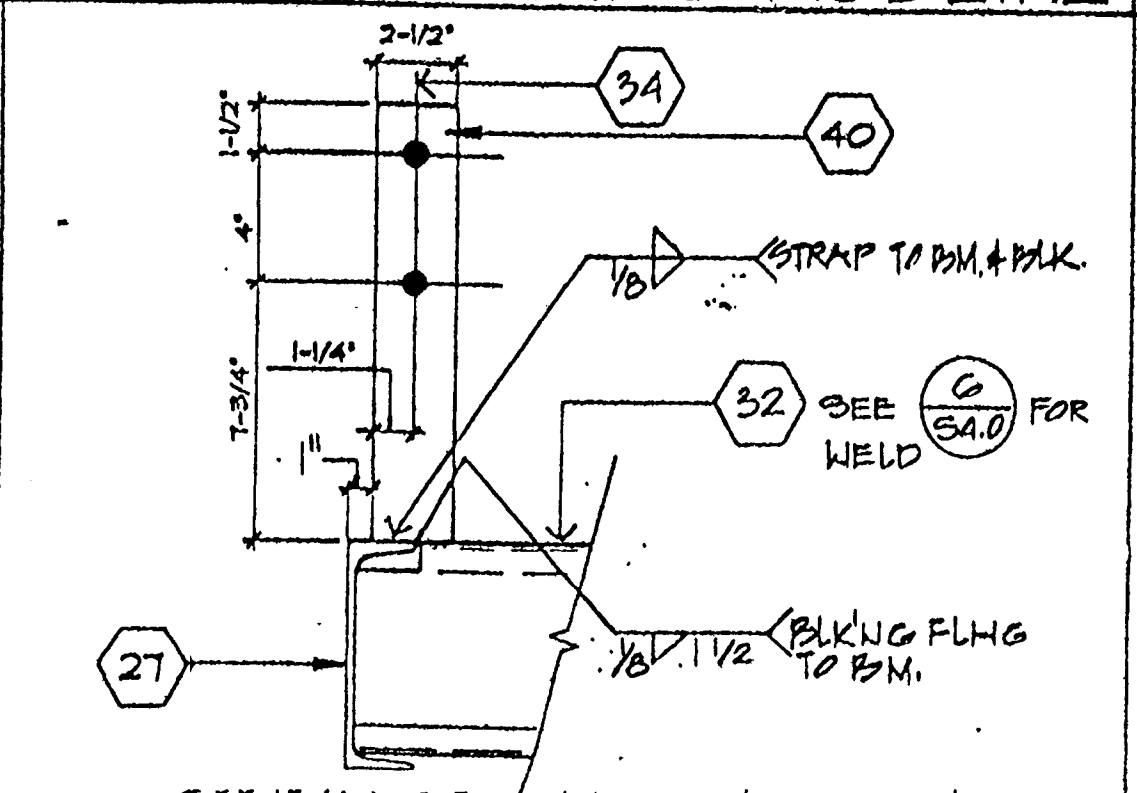
- 1 ROOF BEAM @ SIDEWALL
- 2 ROOF PURLIN
- 3 1" x 7/8" x 3/16" PL
- 4 2" x 1/2" x 1/8" PLATE @ 8" O.C.
- 5 5/8" M.B. @ MAX. 10' O.C.
- 6 2" x 9/8" PERIMETER FLOOR CH.
- 7 ROOF HDR. BM.
- 8
- 9 COLUMN @ SIDEWALL
- 10 RF. BEAM @ MODLINE
- 11 1 1/2" x 1/2" x 1/8" PL @ 8" O.C. @ SPOUT SPACING @ MAX. 24" O.C. WELD TO ROOF FRAM. @ OVERHAND
- 12 PLYWOOD SOFFIT SEE SPEC'S
- 13
- 14 EN
- 15 3/4" PLYND. RF. DECK SEE SPEC'S
- 16 1/8" TOP RIVET
- 17 20 GA. STRAP 1/2" x 1/2" TO STIFFEN TO COLUMN
- 18 5" x 2" x 24 GA. DOWN SPOUT
- 19 EXTERIOR KIMALL
- 20 MODLINE BEAM 5/8" x 3/8" SIDE WALL BEAM 4/8" x 3/8" TYP. SPICE WELD
- 21 10 GA. x 2" BACK-UP. TACK WELD IN PLACE
- 22
- 23 FASCIA BEAM
- 24
- 25 FLOOR JOIST (6-3/8" x 2-1/2" x 12 GA.) SEE SPEC'S
- 26
- 27 PERIMETER FLOOR FRAMING CHANNEL (1" x 9/8)
- 28 PLYWOOD IF FLOOR SHEATHING SEE SPEC'S NOTE #6
- 29
- 30 COPE FLANGES OF 6-3/8" x 2-1/2" x 12 GA. BLOCKING
- 31
- 32 6-3/8" x 2-1/2" x 12 GA. BLOCKING
- 33 MODLINE
- 34 1 1/8" Ø HOLE FOR 5/8" M.B.
- 35 5" SQ. ACCESS HOLE @ BOLT LOC.
- 36
- 37 COPE FLANGES AS REQ'D
- 38 COLUMN
- 39
- 40 2-1/2" x 10 GA. STEEL STRAP W/ 5/8" Ø M.B. (2)
- 41 3/8" Ø M.B. @ MAX. 8' O.C.
- 42 5/8" M.B. @ MAX. 10' O.C. SEE SPEC'S
- 43



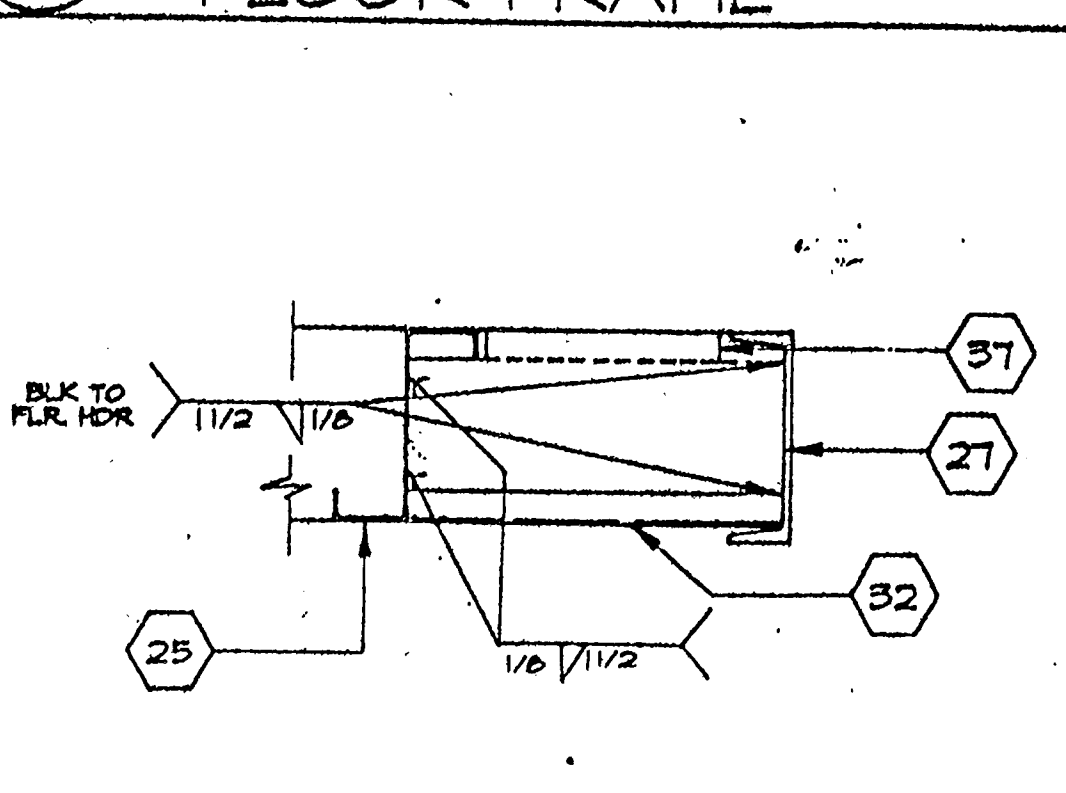
18 SECTION @ RF. HDR.



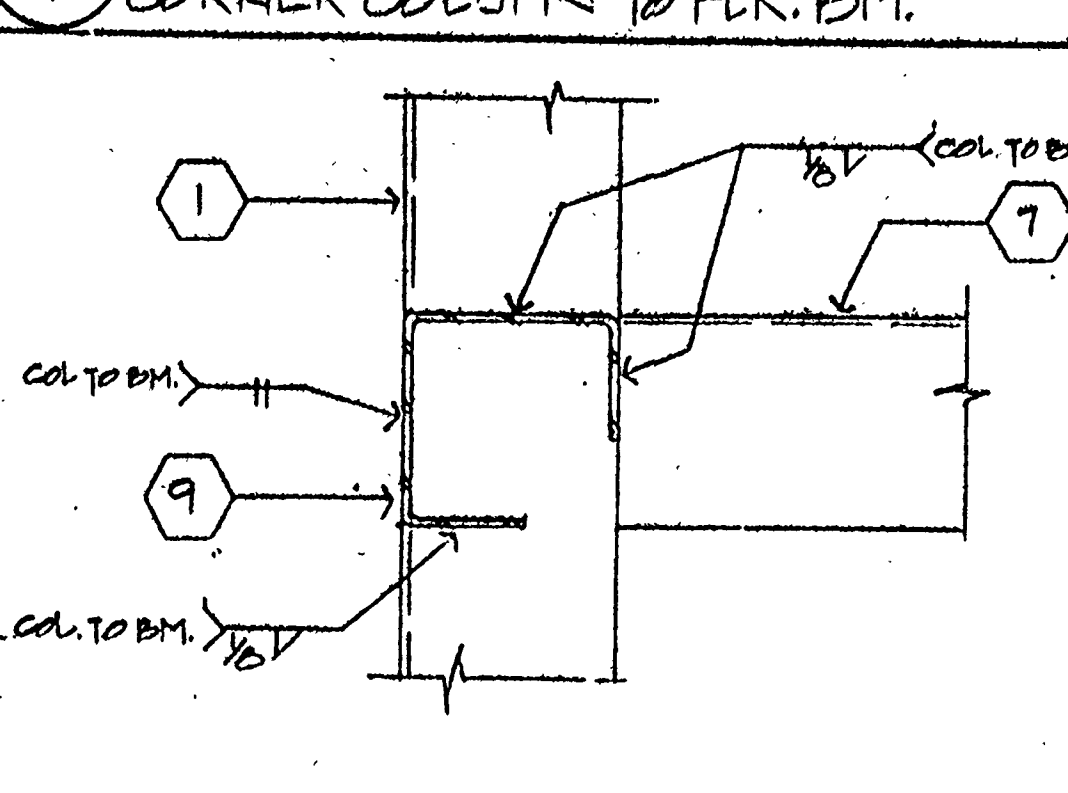
14 TYPICAL BM. SPLICE



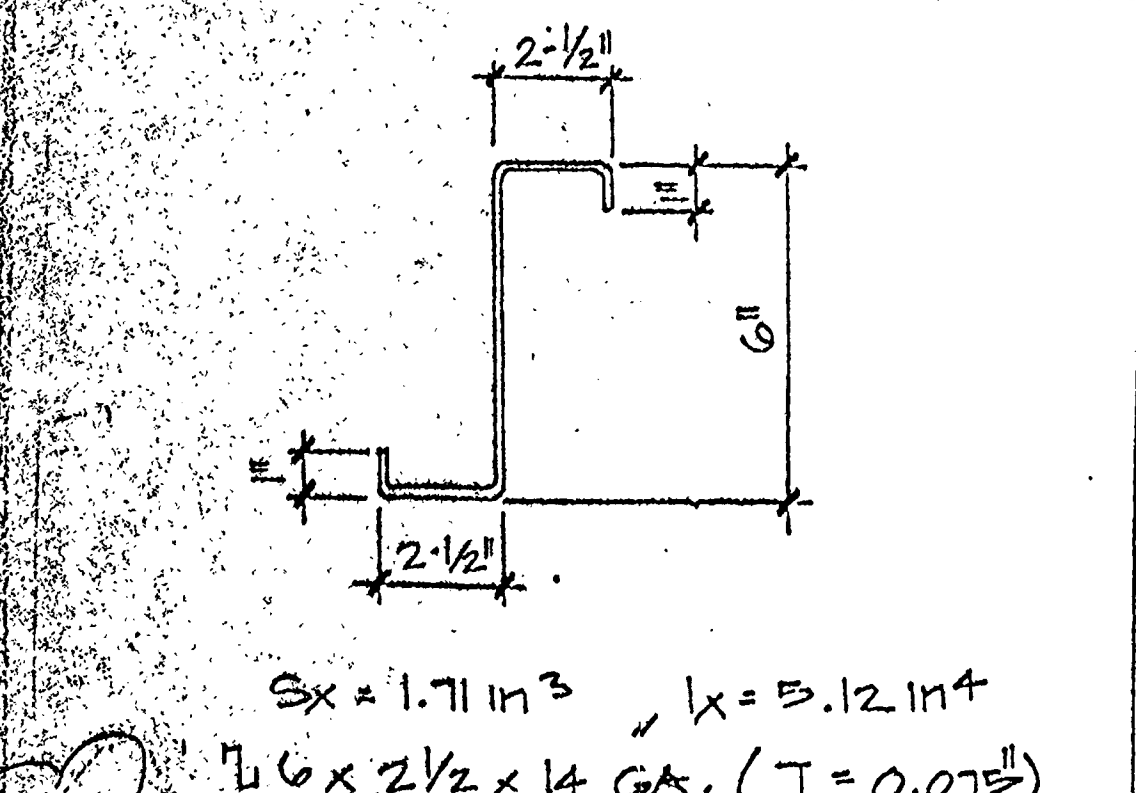
10 HOLDOWN DETAIL



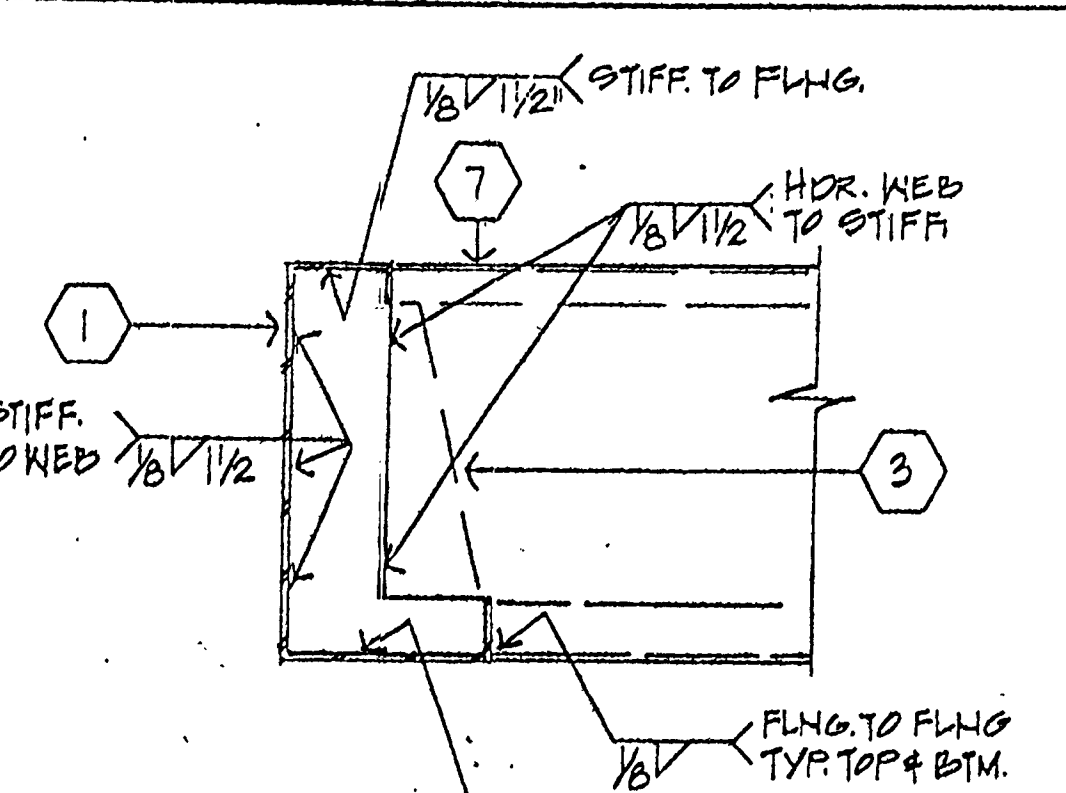
6 BLOCKING @ MIDSPAN



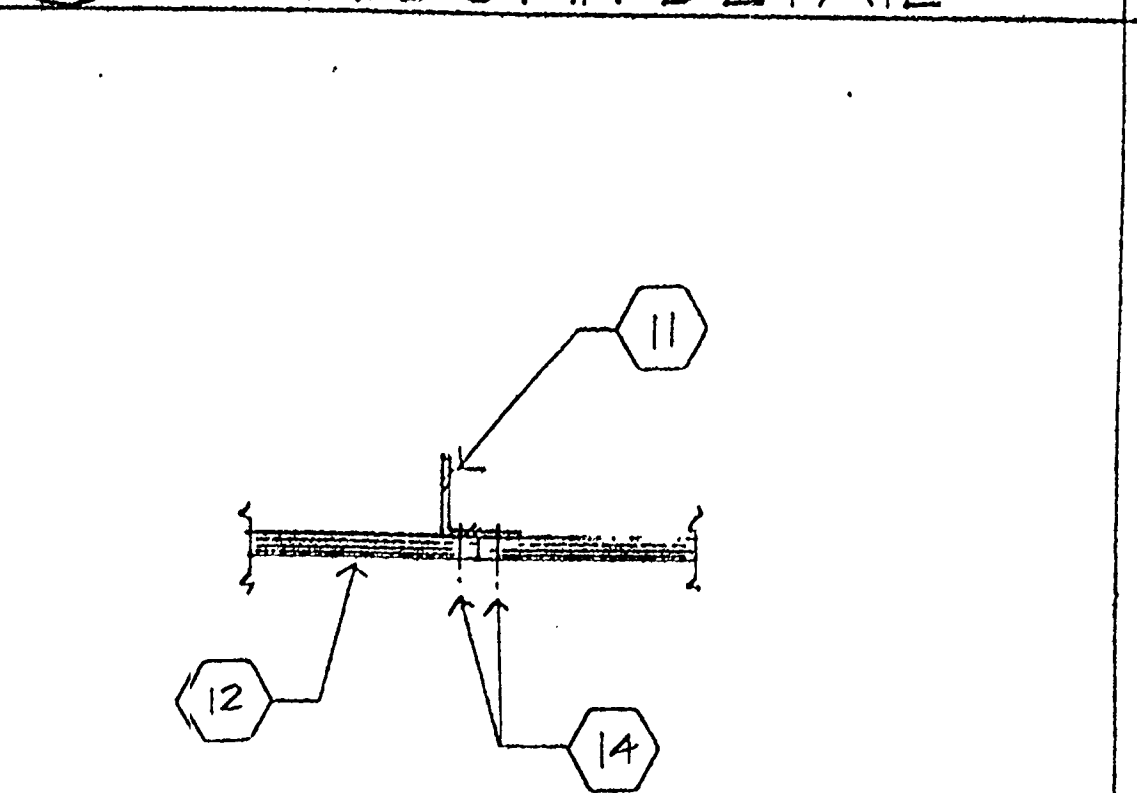
2 SECTION @ CORNER COLUMN



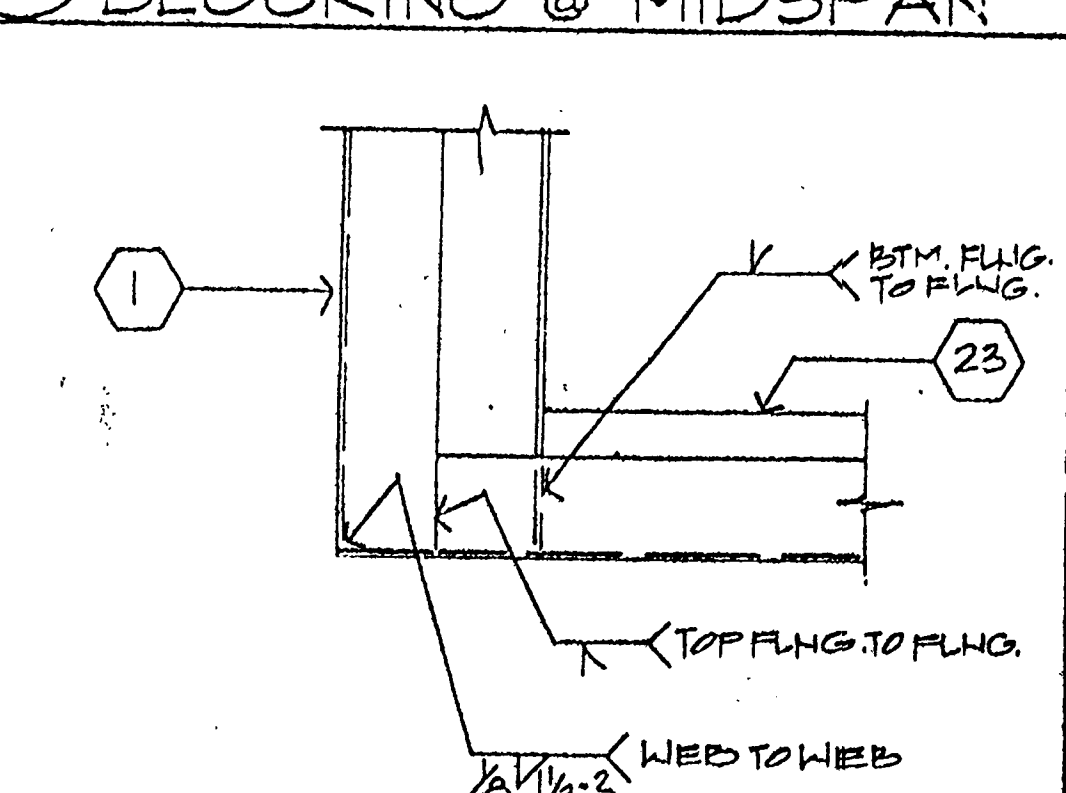
19 ALT. ROOF PURLIN



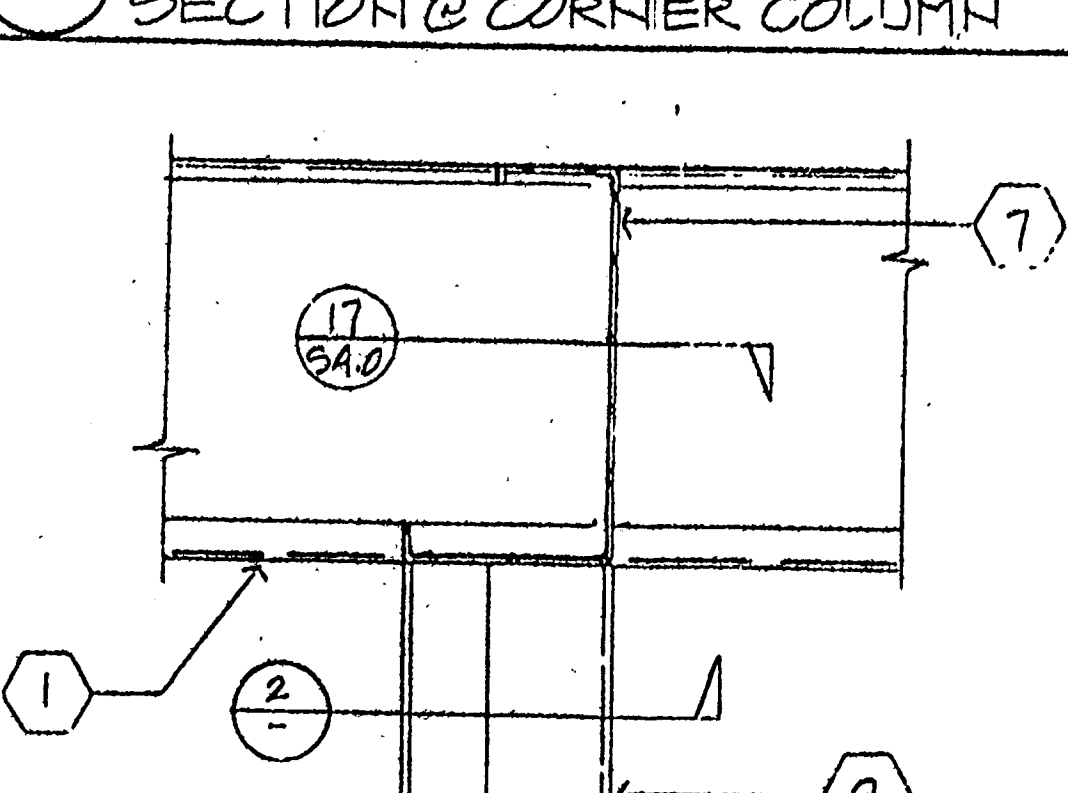
15 HDR. BM. TO SIDE WALL RF. BM.



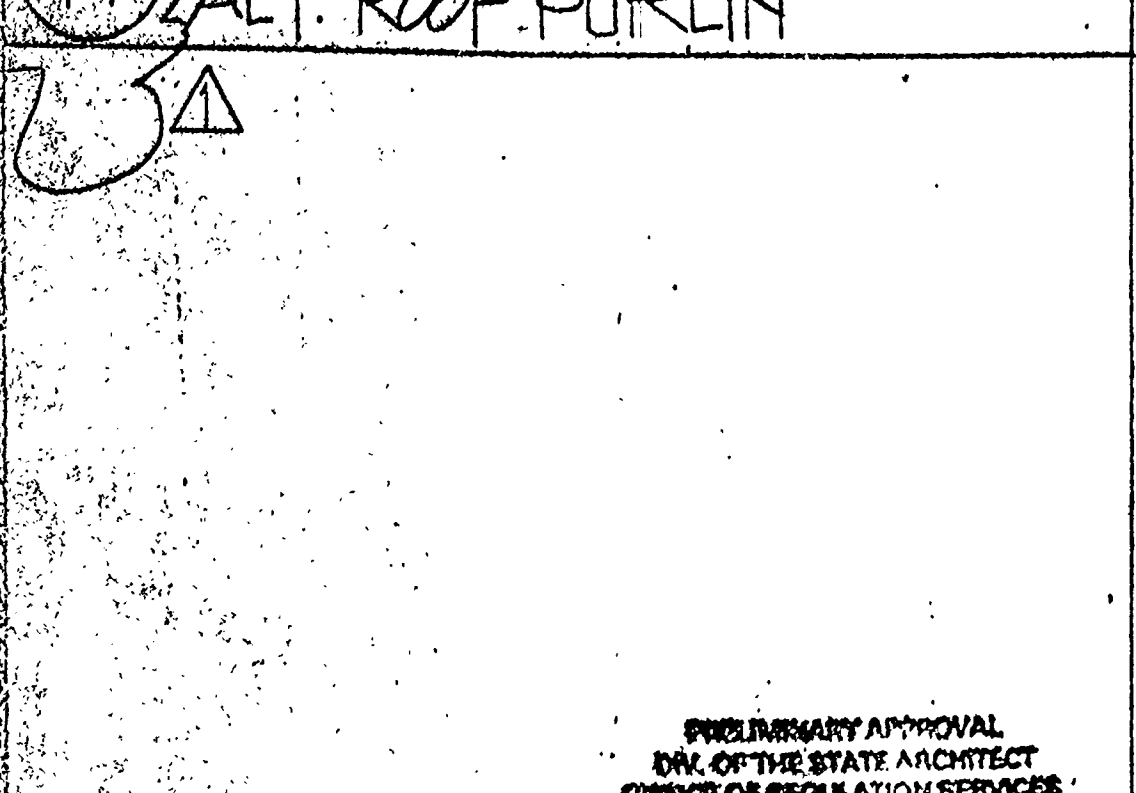
11 SOFFIT



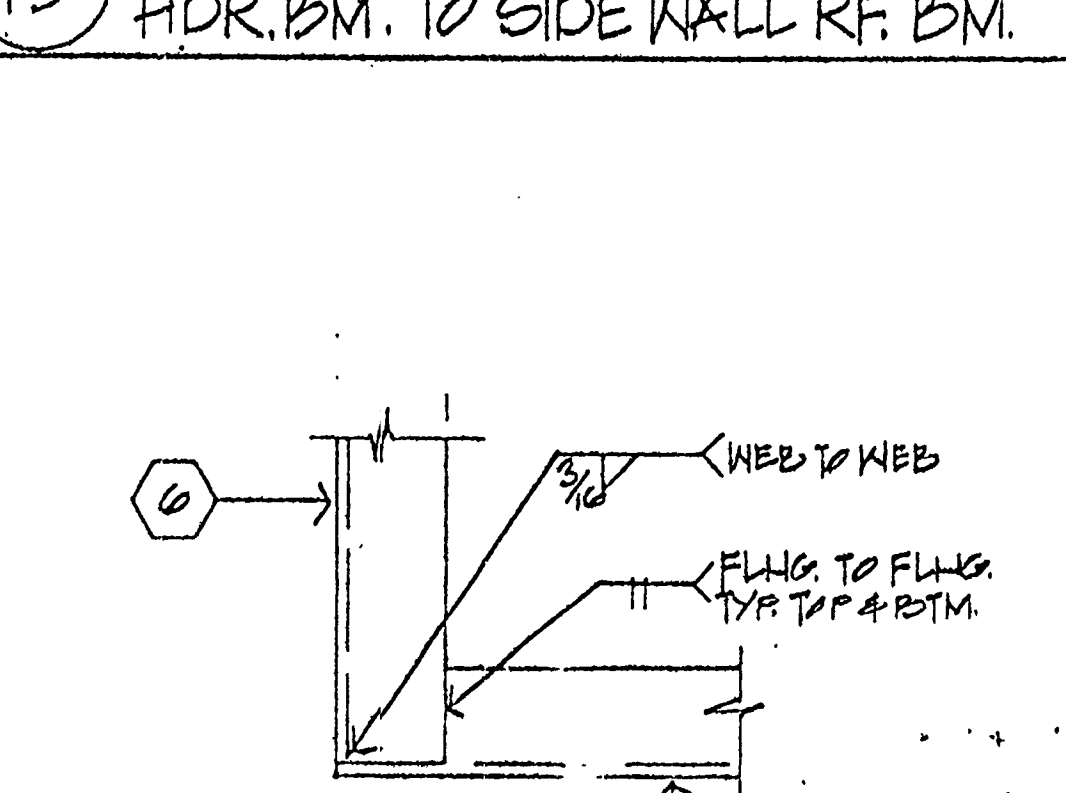
7 SIDEWALL RF. BM. TO FASCIA BM.



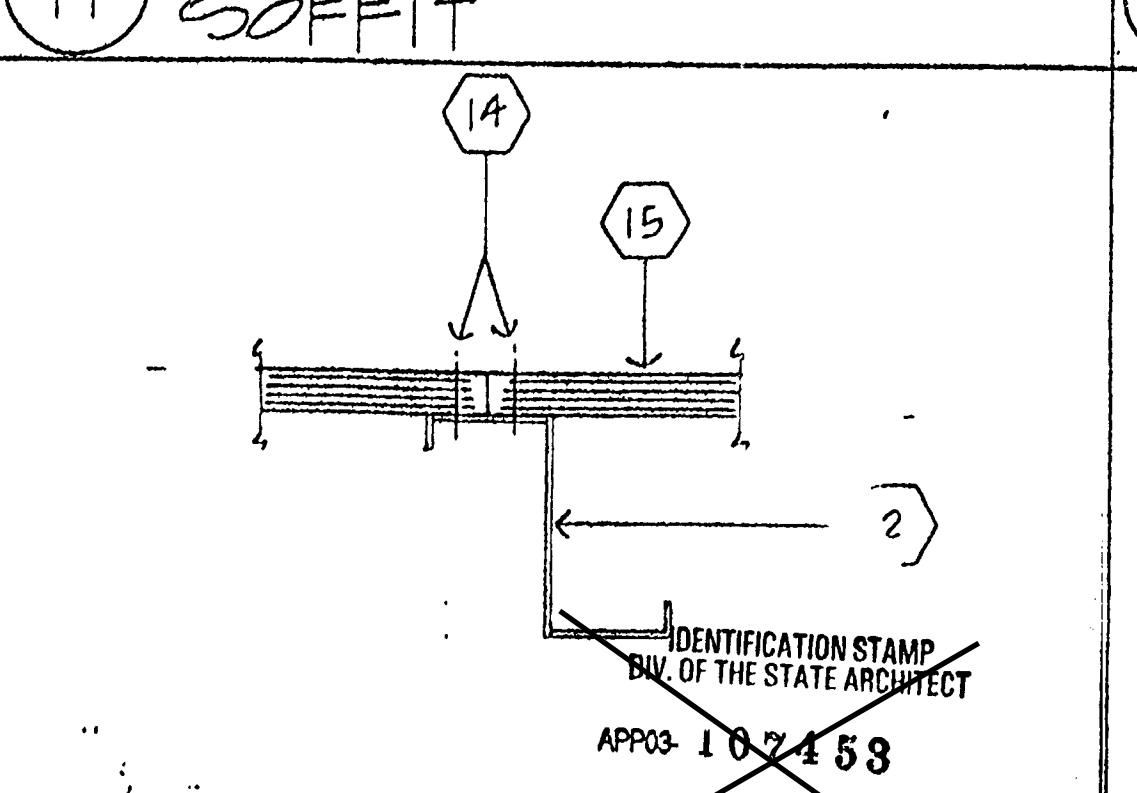
3 RF. FRAME TO CORNER COLUMN



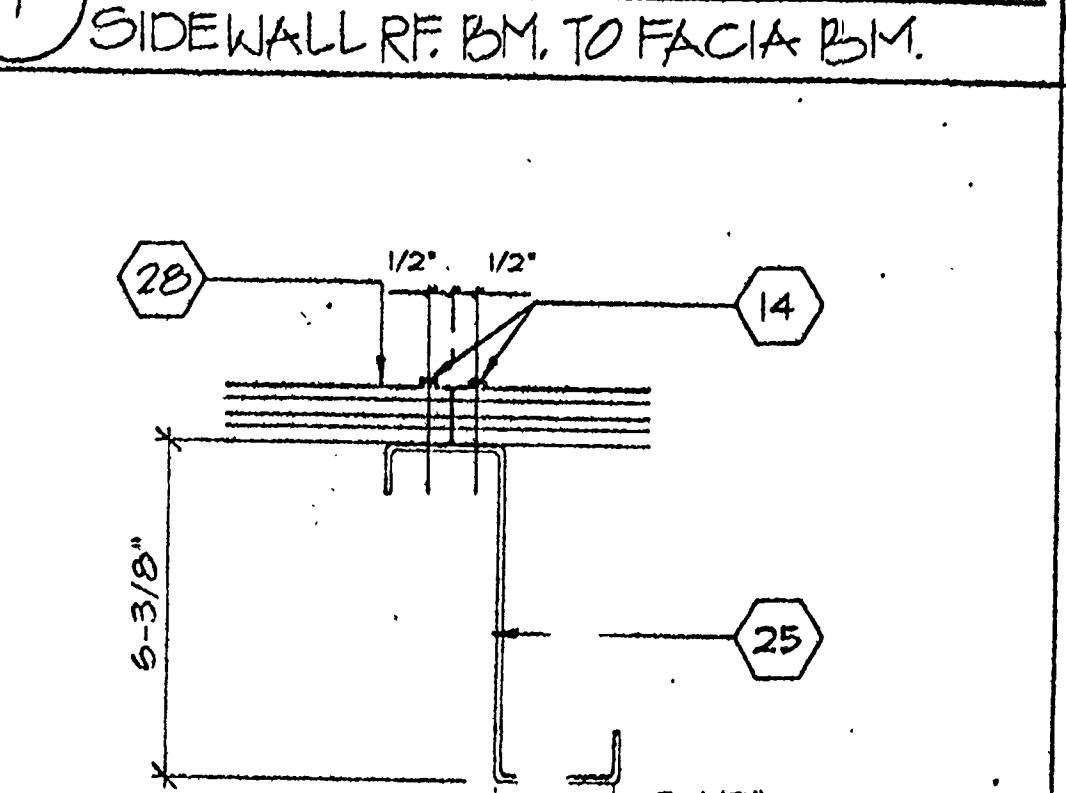
16 FLR. FRAME @ EXTR. COR.



12 ROOF PURLIN



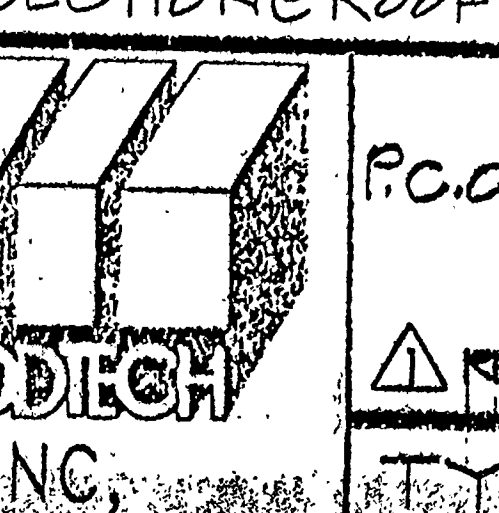
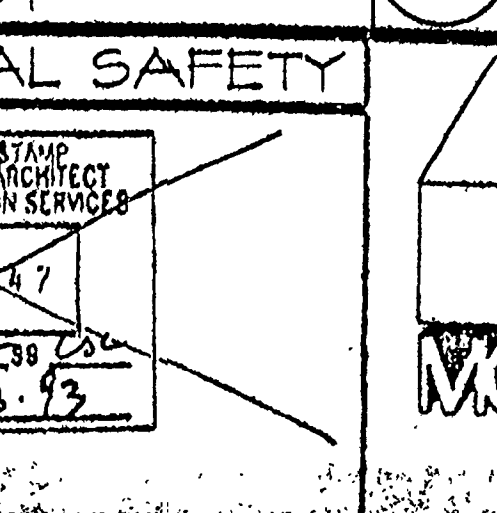
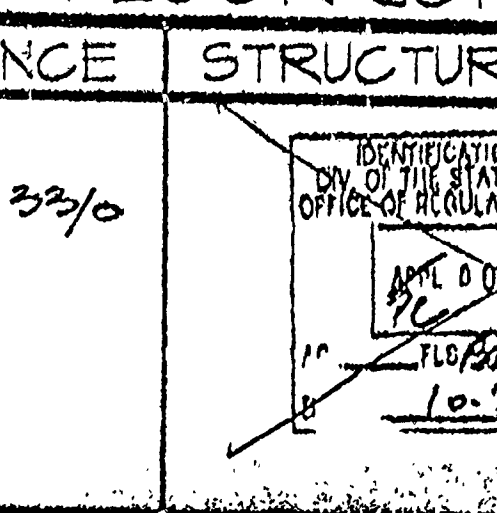
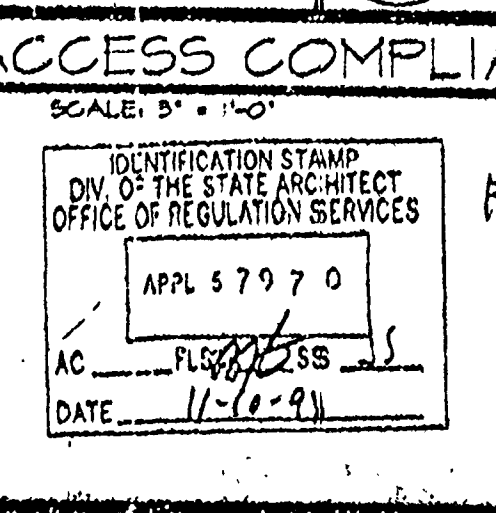
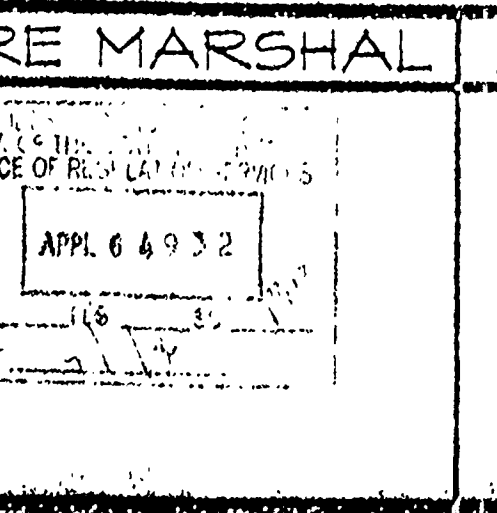
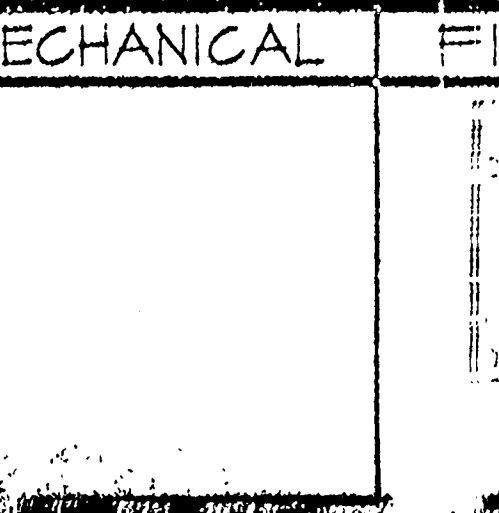
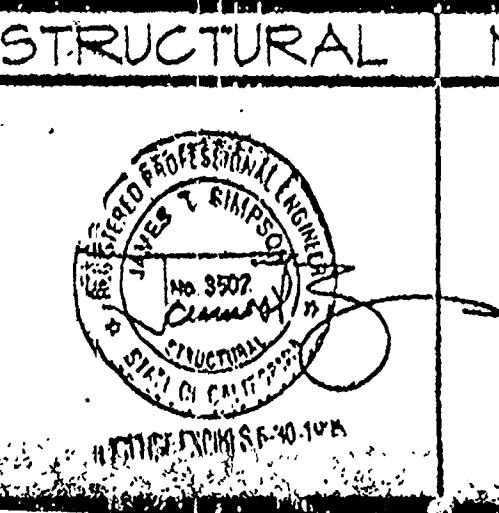
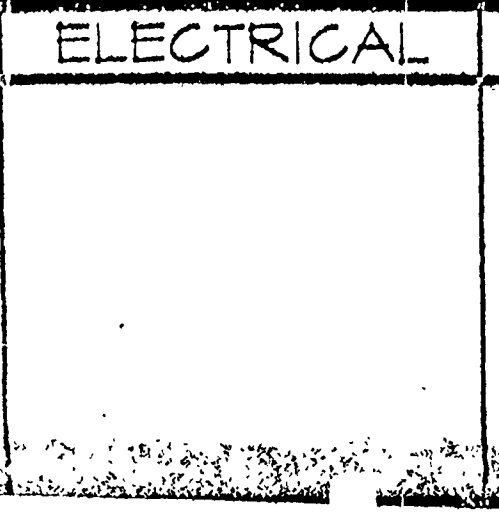
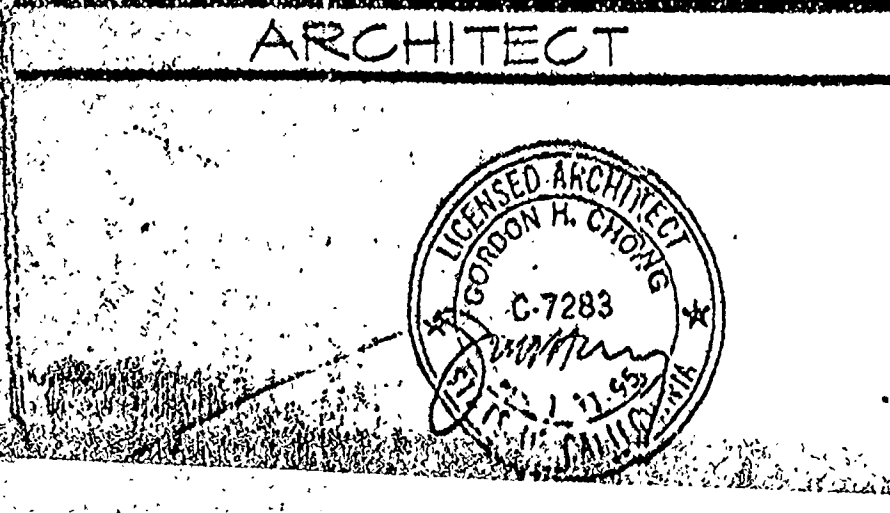
8 FLOOR JOIST



4 SECTION @ ROOF MOD-LINE

PRELIMINARY APPROVAL  
 DIV. OF THE STATE ARCHITECT  
 OFFICE OF REGULATION SERVICES  
 AC: FLS 88 SPA/SD  
 APPL. NO. 57970 DATE 4/25/94  
 A Change Order is Required

IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 OFFICE OF REGULATION SERVICES  
 APP03-107458  
 AC: FLS 88 AP  
 DATE DEC 17 2002



JOB #  
 P.C.O. #5  
 O. L. A.  
 24' x 40' BLD'G  
 Brook Haven School  
 Interim Classroom Buildings  
 1/26/94

© MODTECH INC. 1992  
 DRAWN BY A.B.  
 DATE  
 CHECKED BY  
 DATE

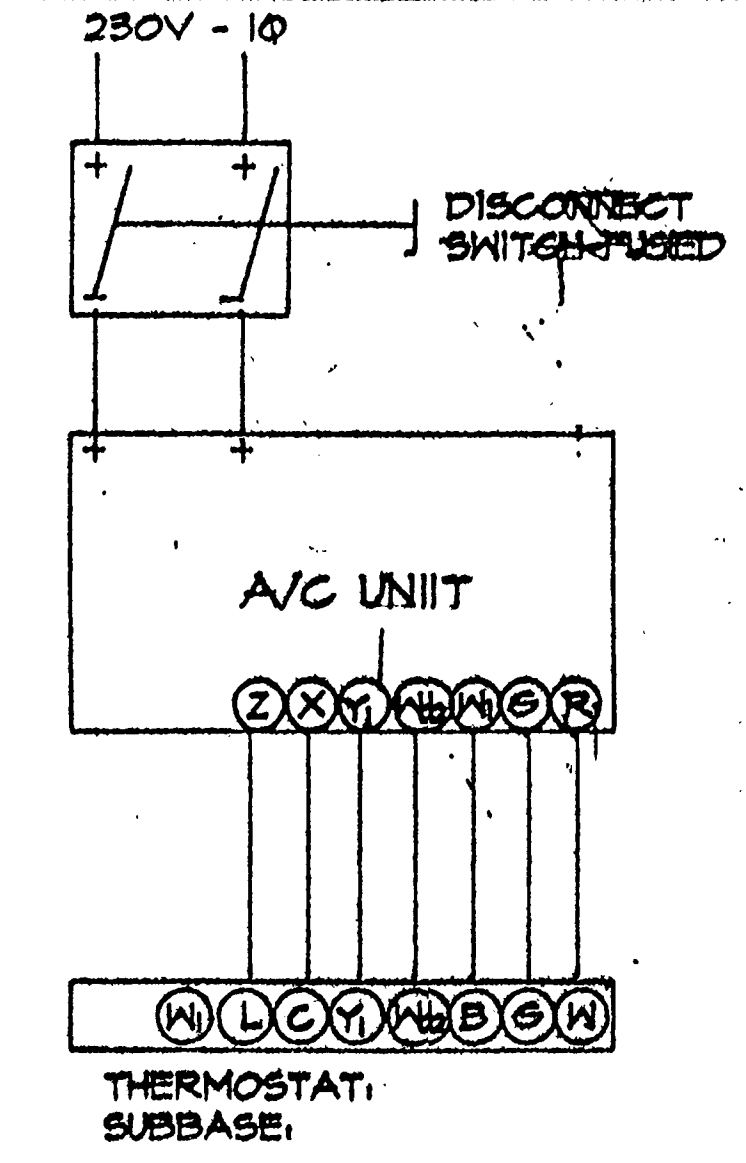
**NOTES**

- ① AC - WALL MOUNTED HEAT PUMP  
INTERMEDIATE - 042KAYX05  
208/230V - 1 PHASE  
NOMINAL 8KW ELECTRIC STRIP HEATER  
F.L.A. ON COOLING = 27.4 AMPS  
F.L.A. ON HEATING A = 27.4 AMPS  
F.L.A. ON HEATING B = 38.4 AMPS  
WT. = 500 LBS. NOMINAL
- ② CIRCUITRY PROHIBITS SIMULTANEOUS  
OPERATION OF COMPRESSOR AND  
ELECTRIC HEATER
- ② 15X15 - 4W, 700 CFM
- ③ GALV. PLENUM (5'-0" MIN)

**SYMBOLS**

- > SEISMIC SPLAY
- 2X4 LIGHT FIXTURE (SEE SPECS)
- ⊗ SUPPLY AIR GRILL (SEE SPECS)
- Ⓣ THERMOSTAT, HONEYWELL T1500 OR  
WHITE RODGERS F92 W/LOCKING CLEAR  
COVER W/ACCESS HOLE FOR PROGRAM  
OVER RIDE

**CONTROL SCHEMATIC**



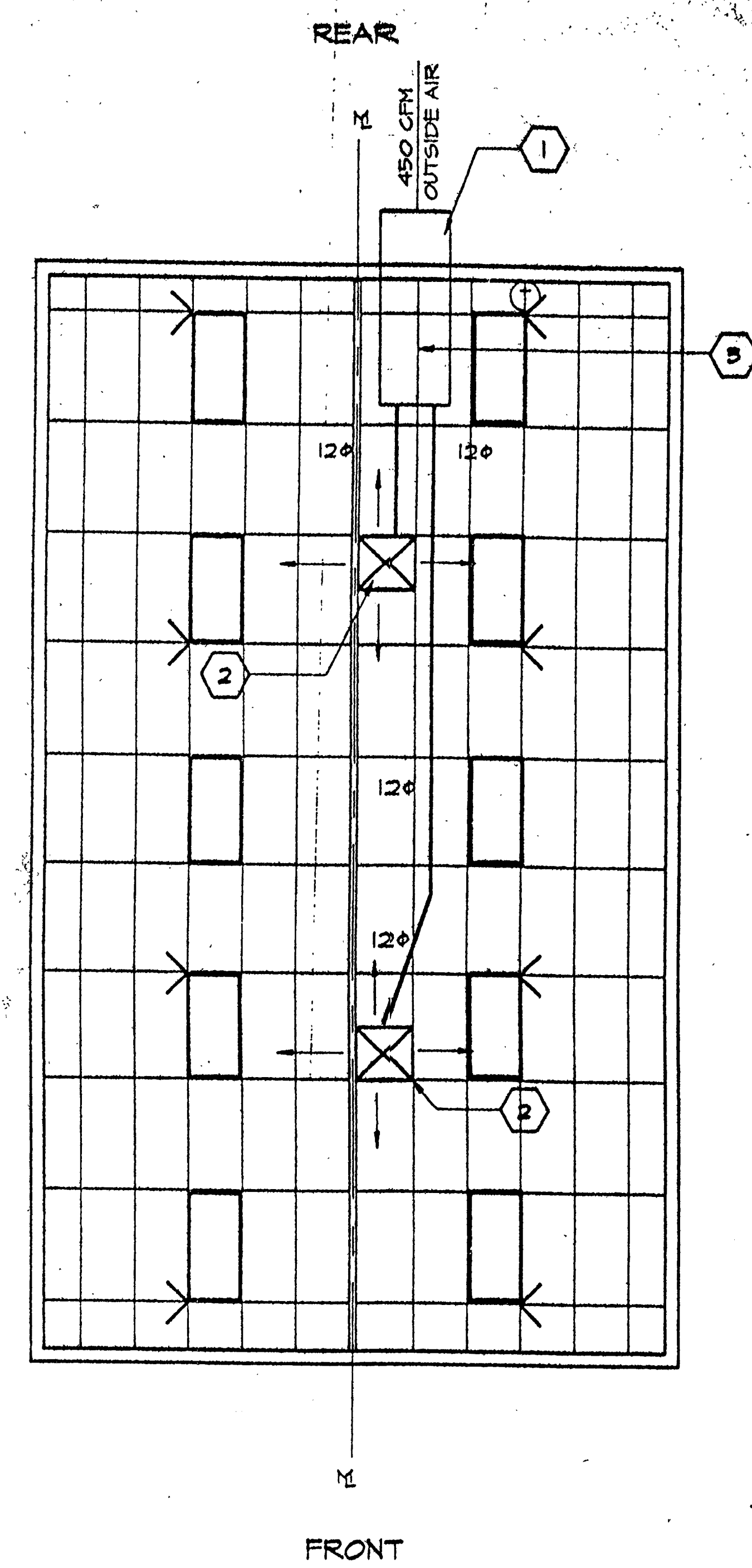
**SCHOOL EQUIPMENT ANCHORAGE**

THE FOLLOWING IS FOR THE MECHANICAL ENGINEER'S INFORMATION ONLY:  
THE SEISMIC ANCHORAGE OF MECHANICAL EQUIPMENT SHALL CONFORM TO C.C.R. TITLE 24, SECTION 2512 (2) AND TABLE 2512.1. ANCHORAGE REQUIREMENTS FOR ROOF/FLOOR MOUNTED EQUIPMENT WEIGHING LESS THAN 400 LBS. AND HANG EQUIPMENT WEIGHING LESS THAN 20 LBS. MAY BE OMITTED FROM THE PLAN.

FOR MECHANICAL DRAWINGS:  
ALL MECHANICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

EQUIPMENT ON GRADE	20% OF OPERATING WEIGHT
EQUIPMENT ON STRUCTURE	50% OF OPERATING WEIGHT

FOR FLEXIBLY MOUNTED EQUIPMENT USE 4 X THE ABOVE VALUES, AND FOR SIMULTANEOUS VERTICAL FORCE USE 1/3 X THE HORIZONTAL FORCE.  
THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR, I = 1.0 AND SEISMIC ZONE, Z = 0.4.  
WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE MECHANICAL ENGR. AND THE FIELD ENGINEER OF THE OFFICE OF THE STATE ARCHITECT.



UNIT "A" AS SHOWN  
UNIT "B" OPPOSITE HAND  
ALL BUILDINGS SHALL BE UNIT "B"

**AIR CONDITIONING PLAN**

SCALE 1/4"=1'-0"

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APPROX. 10-24-58  
AC 679.7 Q  
DATE 11-10-95

ARCHITECT C-7283 STATE OF CALIFORNIA	ELECTRICAL	STRUCTURAL C-7283 STATE OF CALIFORNIA	MECHANICAL	FIRE MARSHAL APPL. 6 & 932	ACCESS COMPLIANCE APPL. 679.7 Q DATE 11-10-95	STRUCTURAL SAFETY APPL. 679.7 Q DATE 11-10-95	MODTECH INC.	JOB # O. L. A. 24'X40' BLD'G. Brook Haven School Interim Classroom Buildings	© MODTECH INC. 1992 DRAWN BY A.B. DATE CHECKED BY DATE
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**MECHANICAL PLAN**

**STOCKPILE 57970**

**SCHOOL EQUIPMENT ANCHORAGE**

THE FOLLOWING IS FOR THE ARCHITECT'S INFORMATION ONLY.  
 THE SEISMIC ANCHORAGE OF ELECTRICAL EQUIPMENT SHALL CONFORM TO C.C.R. TITLE 24, SECTION 2912 (g) AND TABLE 29-F. ANCHORAGE DETAILS FOR ROOF/FLOOR MOUNTED EQUIPMENT WEIGHING LESS THAN 400 LBS. AND HANG EQUIPMENT WEIGHING LESS THAN 20 LBS. MAY BE OMITTED FROM THE PLANS.

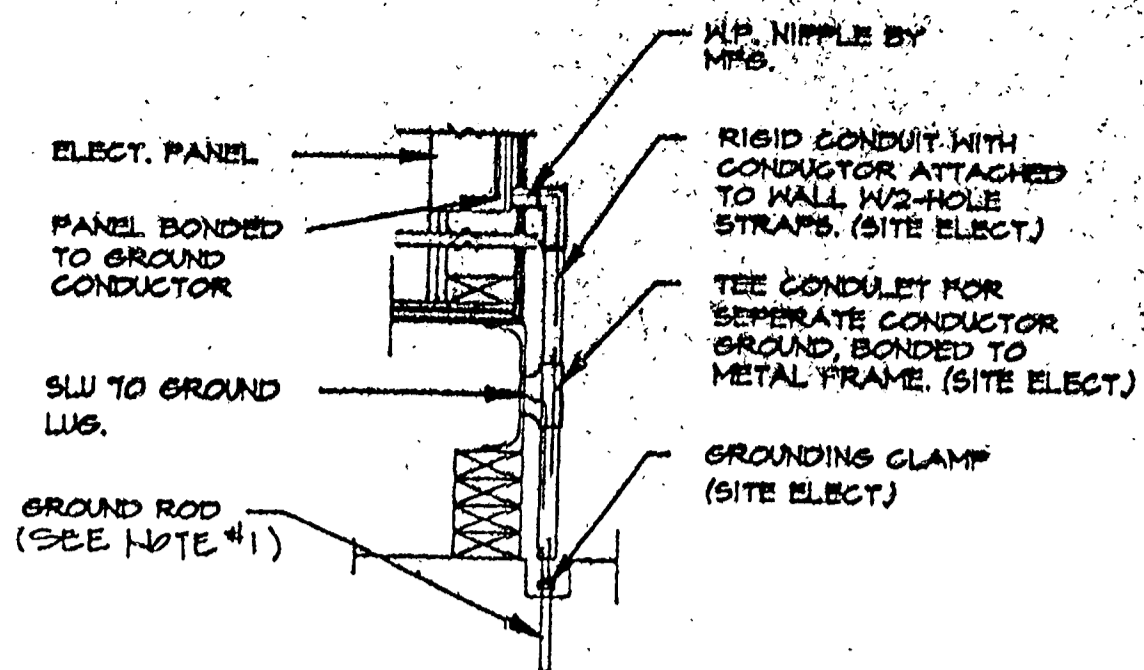
**FOR ELECTRICAL DRAWINGS:**  
 ALL ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

EQUIPMENT ON GRADE	20% OF OPERATING WEIGHT
EQUIPMENT ON STRUCTURE	30% OF OPERATING WEIGHT

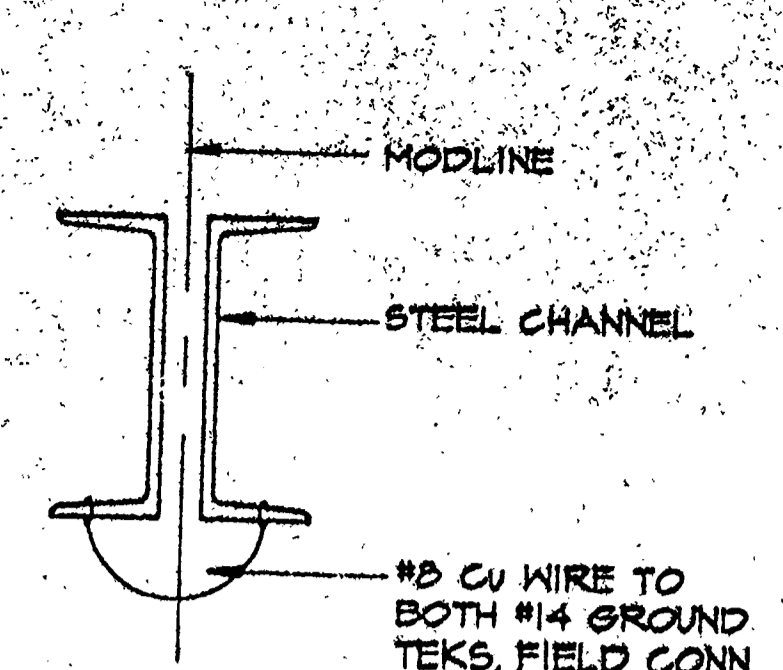
FOR FLEXIBLY MOUNTED EQUIPMENT USE 4 X THE ABOVE VALUES, AND FOR SIMULTANEOUS VERTICAL FORCE USE 1/3 X THE HORIZONTAL FORCE.

THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR, I = 1.0 AND SEISMIC ZONE, Z = 0.4.

WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT AND THE FIELD ENGINEER OF THE OFFICE OF THE STATE ARCHITECT.



1 GROUND DETAIL



2 JUMPER @ MODLINE

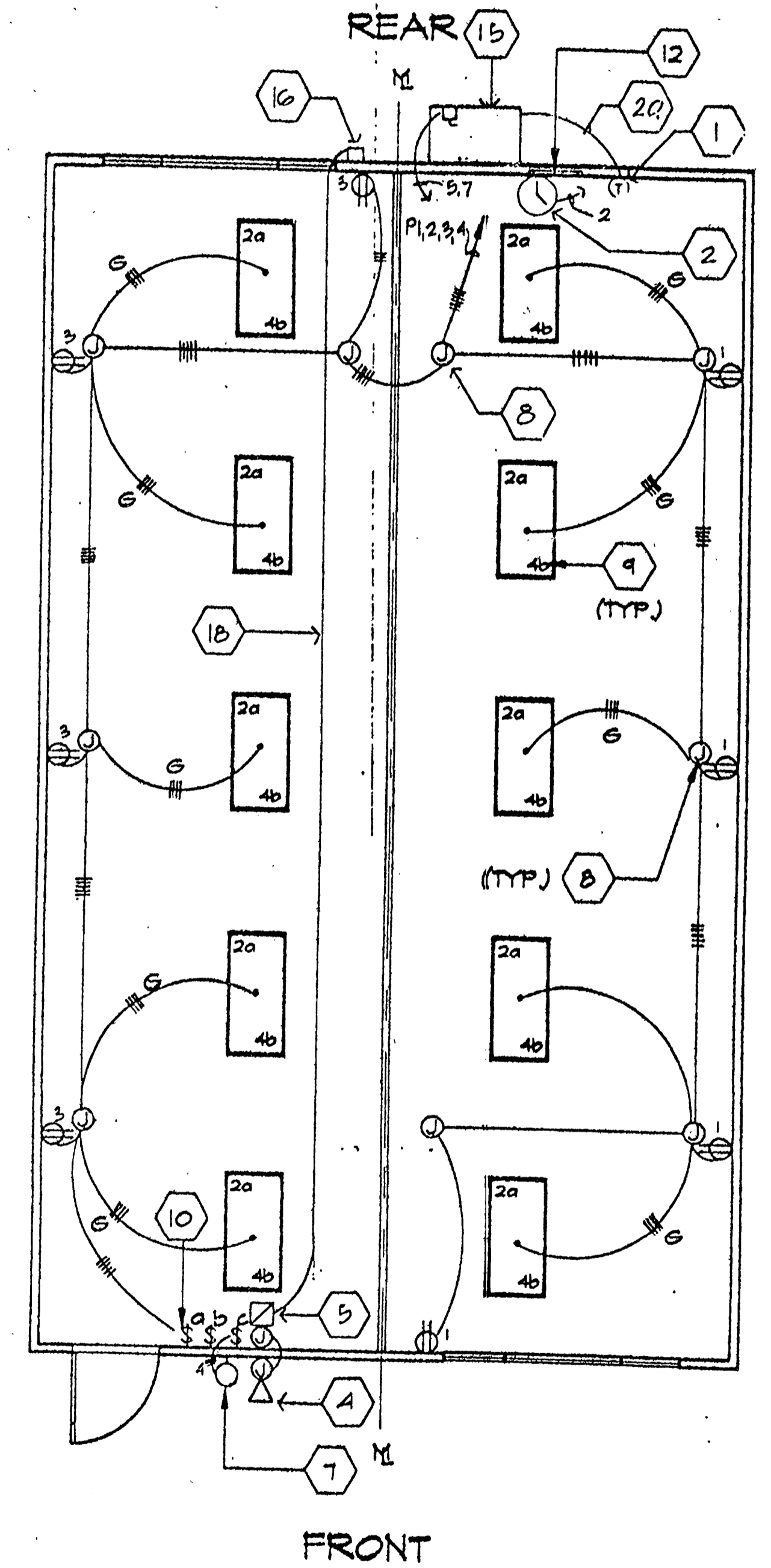
**SYMBOLS / NOTES**

- 1 T THERMOSTAT (WHITE ROBERS) (#48)
- 2 L CLOCK (1'-0")
- 3 F FUSED DISCONNECT SWITCH RAINTIGHT
- 4 J FIRE ALARM HORN (#8'x0") J-BOX & CONDUIT (ONLY)
- 5 Z FIRE ALARM PULL STATION (#48) J-BOX & CONDUIT (ONLY)
- 6 P DUPLEX WALL RECEPTACLE, 15-A 125V 5-WIRE GROUNDING TYPE (#18)
- 7 S INCANDESCENT BRACKET LIGHT FIXTURE (#46')
- 8 J JUNCTION BOX TYP. TO POWER AND LIGHTING PLANS  
a b b c ← TYP. SWITCHING
- 9 L 4-TUBE FLUORESCENT LIGHT FIXTURE RECESSED MOUNTED
- 10 S SWITCH SINGLE POLE @ 48" ("a" DENOTES CONTROLLING SWITCH)
- 11 C CONDUIT RUN CONCEALED IN WALL OR CEILING
  - 1/2" C 2 #12
  - 1/2" C 3 #12
  - 1/2" C 5 #12
- 12 E ELECTRICAL PANEL "A"
- 15 W #6 CU TO BOTH GROUND LUGS FIELD CONNECTION (RAMP TO BUILDING) PER IR 8-1
- 14 H HOME RUN ELECTRICAL PANEL "A"
- 15 H HVAC UNIT (SELF CONTAINED) W/ DISCONNECT SWITCH
- 16 W WEATHER PROOF BOX & COVER FIRE ALARM CONNECTION
- 17 R RAMP AND LANDING SEE SHT. R1
- 18 C 3/4" CONDUIT WITH FULL STRING
- 19 C 1/2" C 4-#14
- 20 G - GROUND

**NOTES**

1. EACH BUILDING SHALL BE SEPARATELY GROUNDED WITH A 3/4" ROD X 6' COPPER PLAD STEEL GROUND ROD, WHERE ROCK BOTTOM IS ENCOUNTERED, ROD SHALL BE DRIVEN AT AN ANGLE NOT TO EXCEED 45 DEGREE'S FROM THE VERTICAL OR SHALL BE BURIED IN A TRENCH THAT IS AT LEAST 30" DEEP. (BY SITE ELECTRICAL)
2. TESTING: TEST FOR RESISTANCE TO GROUND. IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ADDITIONAL GROUND RODS SEPARATED AT LEAST 6'-0" UNTIL RESISTANCE IS REDUCED TO 25 OHMS OR LESS. (BY SITE ELECTRICAL)
3. PROVIDE EQUIPMENT ANCHORAGE PER TITLE 24, TABLE 2-25J, PART B.
4. APPROVAL OF THIS PLAN DOES NOT CONSTITUTE APPROVAL OF THIS FIRE ALARM FOR ALL SITES. THE FIRE ALARM SYSTEM AND/OR COMPONENTS MAY BE REQUIRED TO BE CHANGED DUE TO SITE LOCATION, EXISTING CONDITIONS OR INCOMPATIBLE COMPONENTS.
5. GROUNDING TEST SHALL BE DONE IN THE PRESENCE OF THE PROJECT INSPECTOR
6. ELECTRICIAN SHALL PROVIDE 2-12 GA. BLACK WIRES TO HOUSING OF ALL LIGHT FIXTURES & DIAGONAL CORNERS WIRES SHALL BE ATTACHED TO STRUCTURE, SEE SHT. A.1.2
7. ALL WIRING SHALL BE 75° CENTERGRADE OR CALCULATE DERATION FOR AMBIENT TEMPERATURE

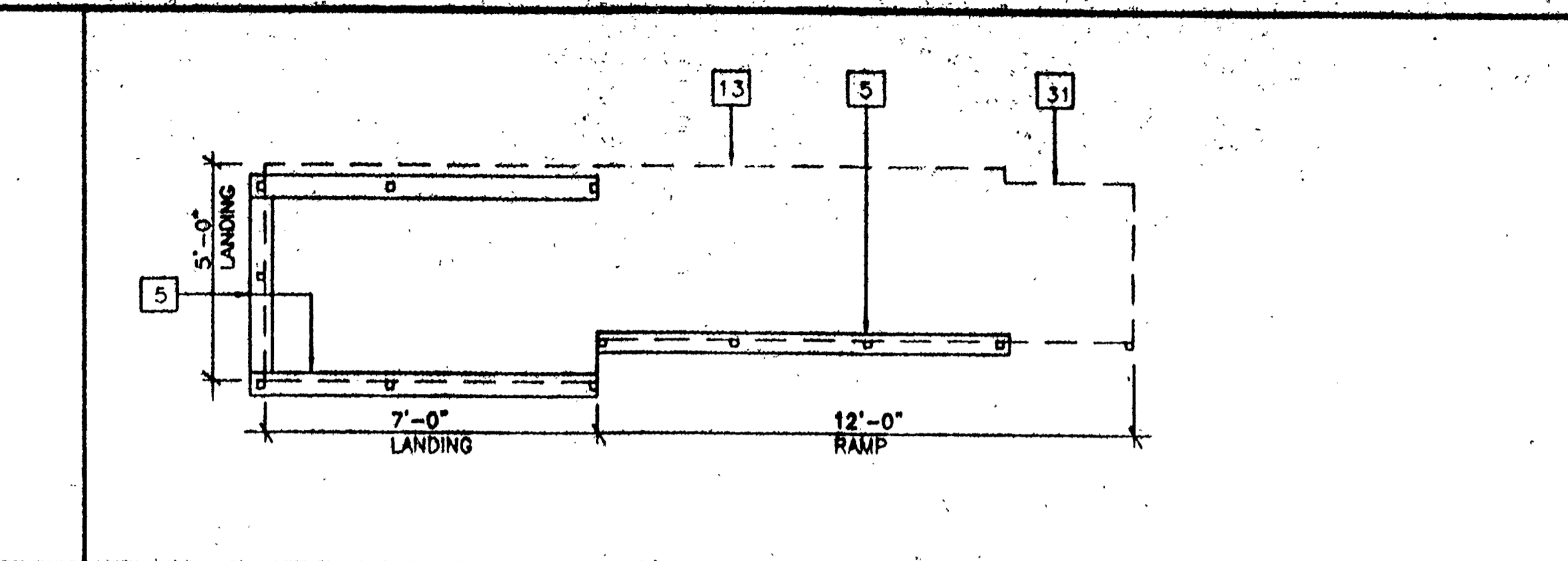
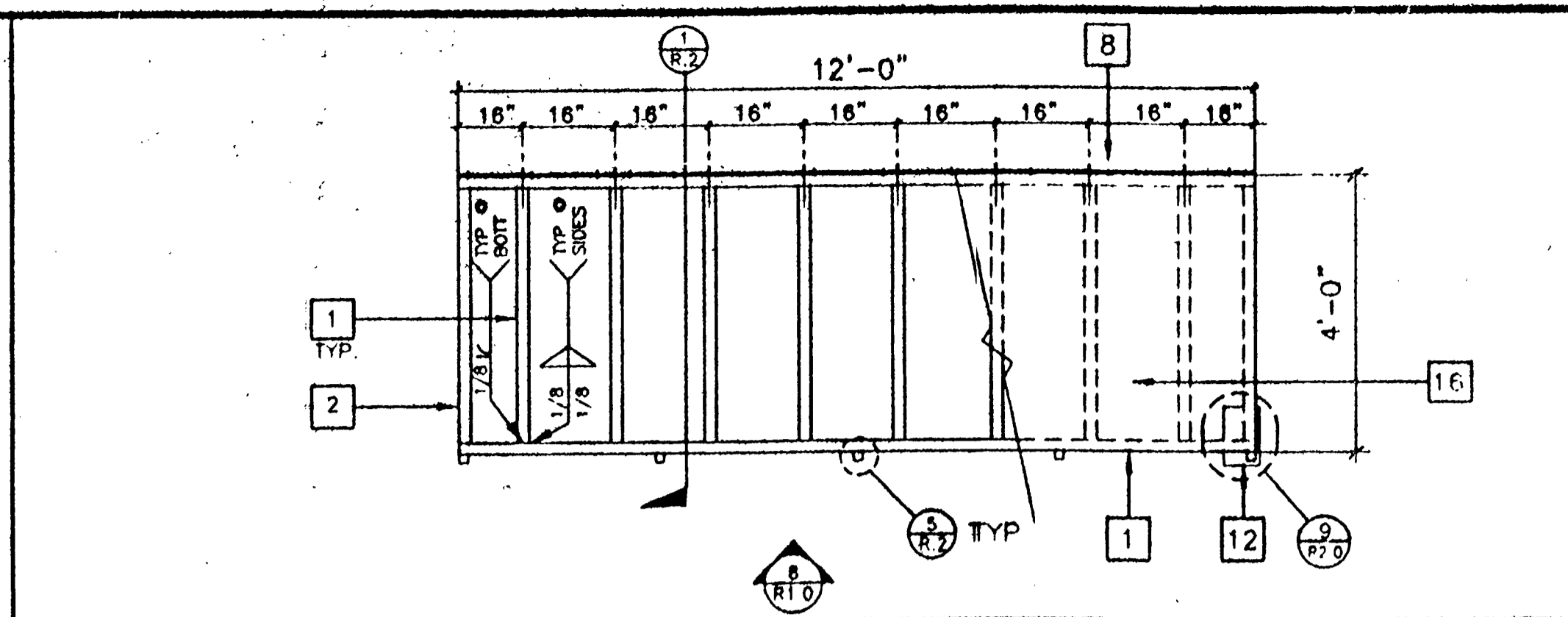
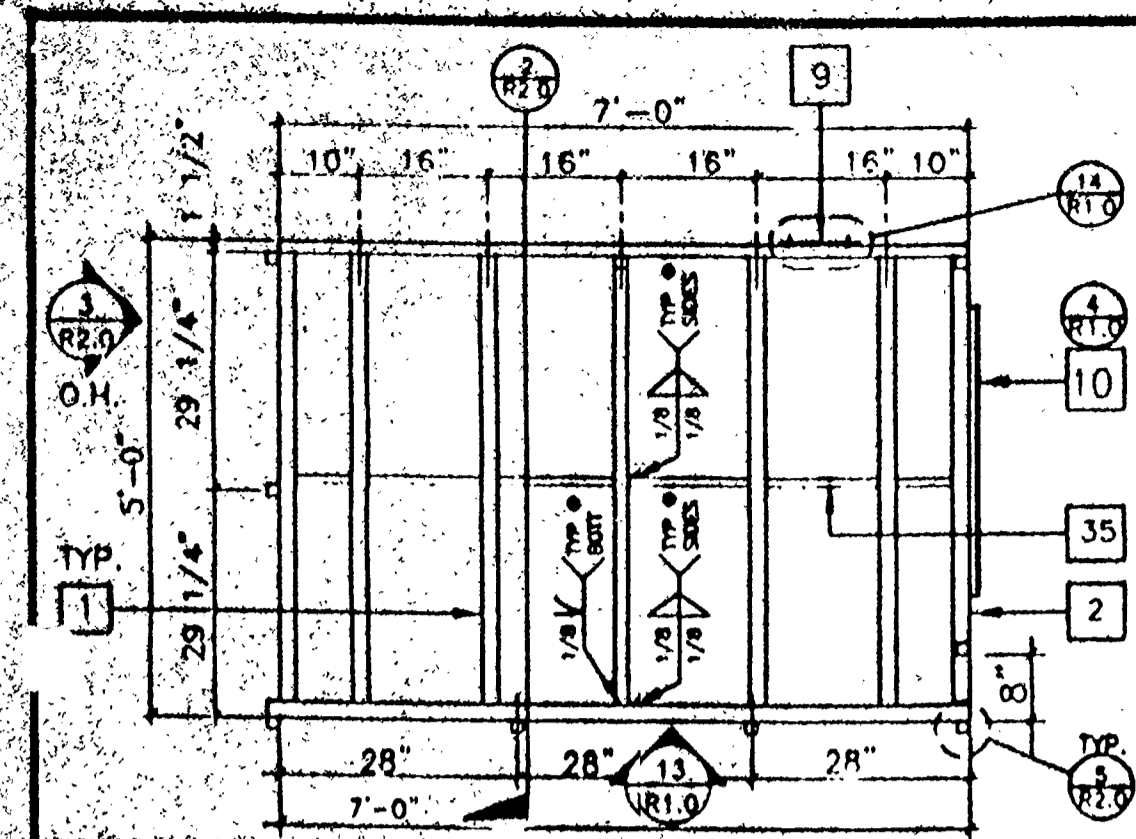
PANEL FLUSH, NEMA 1, NQO		MAIN CB 100A	
VOLTAGE 120/240 - 1Ø, 60H, 3W		BUS SIZE 100A	
CIRC. NO.	OUTLETS	WATTAGE	CIRC. BACK
	LTS REC OTHERS	Ø A Ø B Ø C	AMP POLE
1	4	720	20 1
2	10 + CLOCK	900	
3	4	720	
4		820	
5	HVAC	4356	50 2
6			
7		4356	
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TOTALS		5405 5405	11090 = 44.58 A
L.C.L. = 10270		L.C.L. X 125% OTHER TOTAL	12098 1440 14278 59.54 A



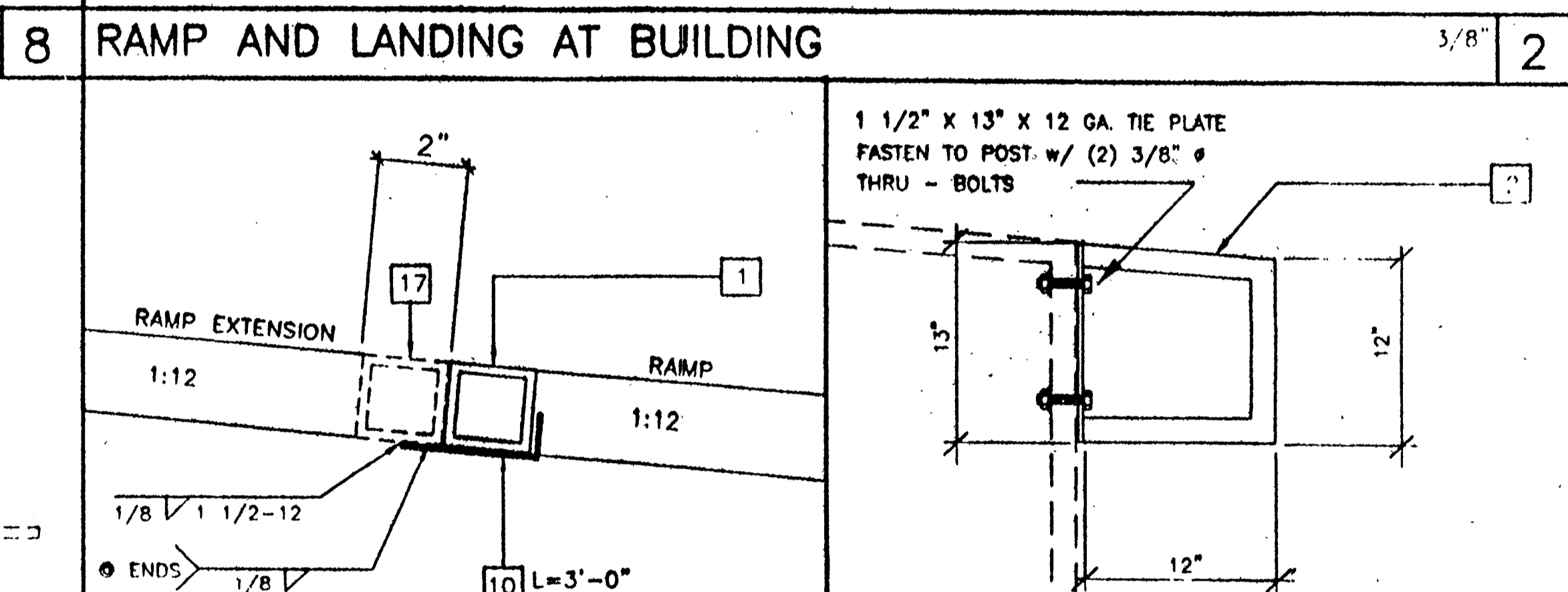
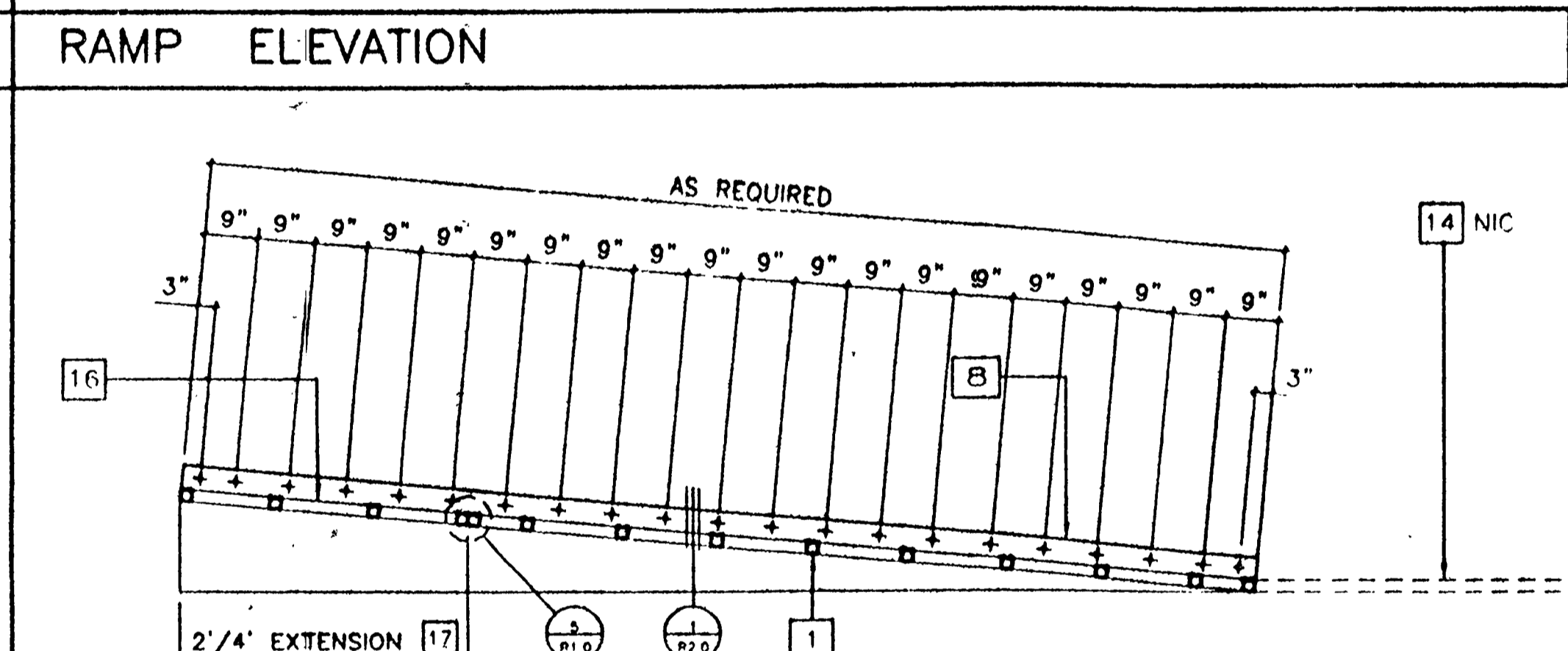
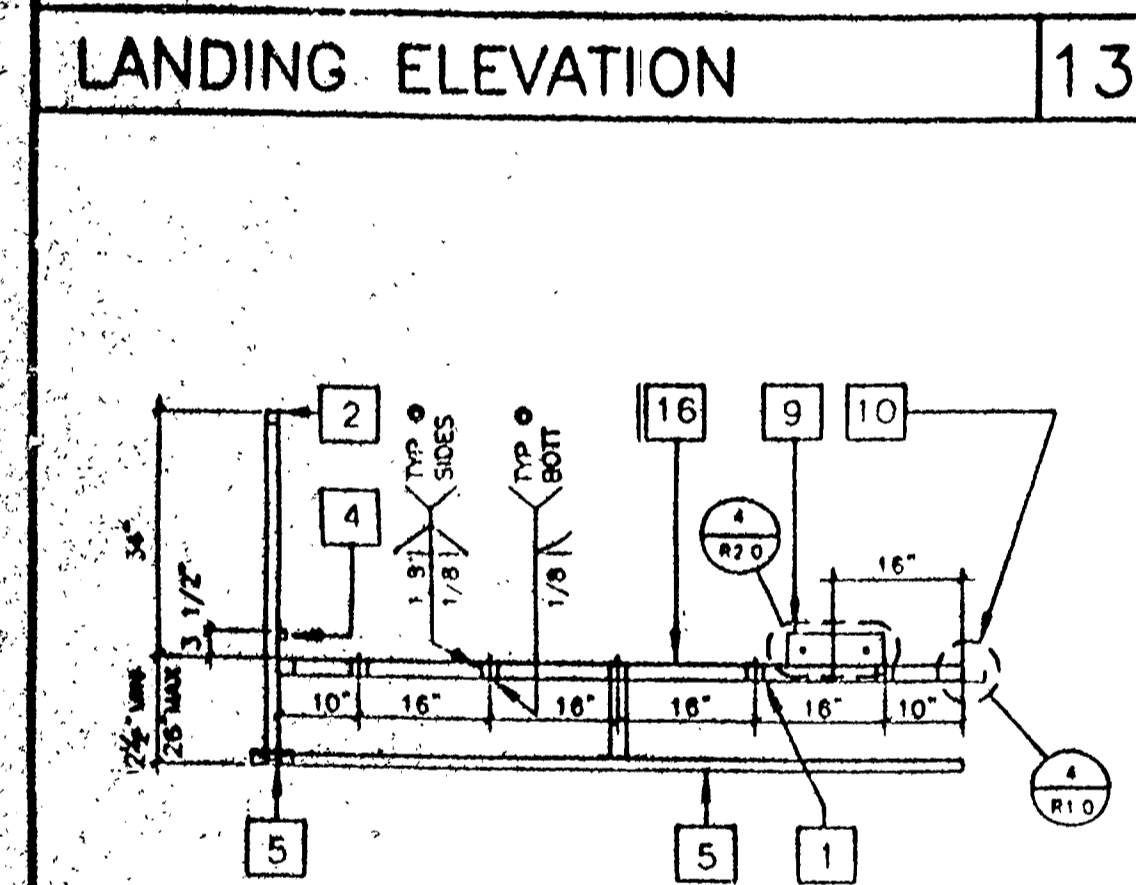
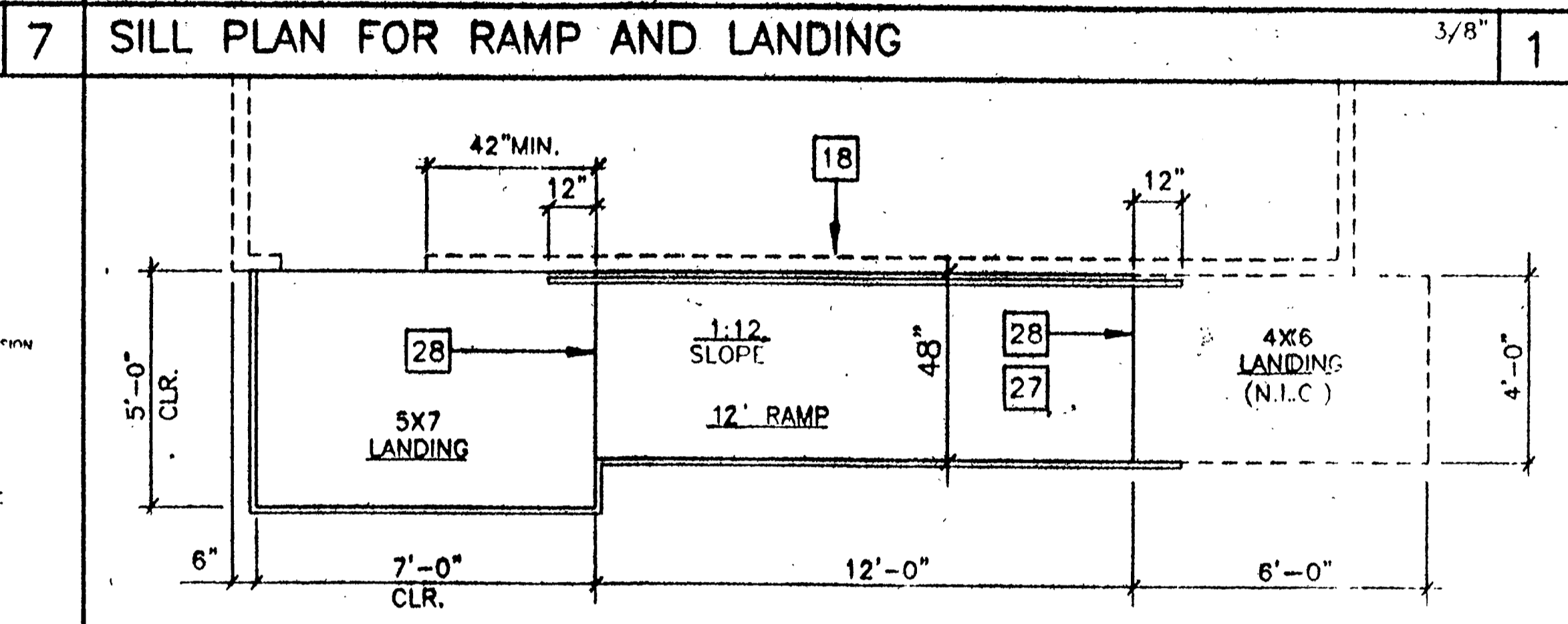
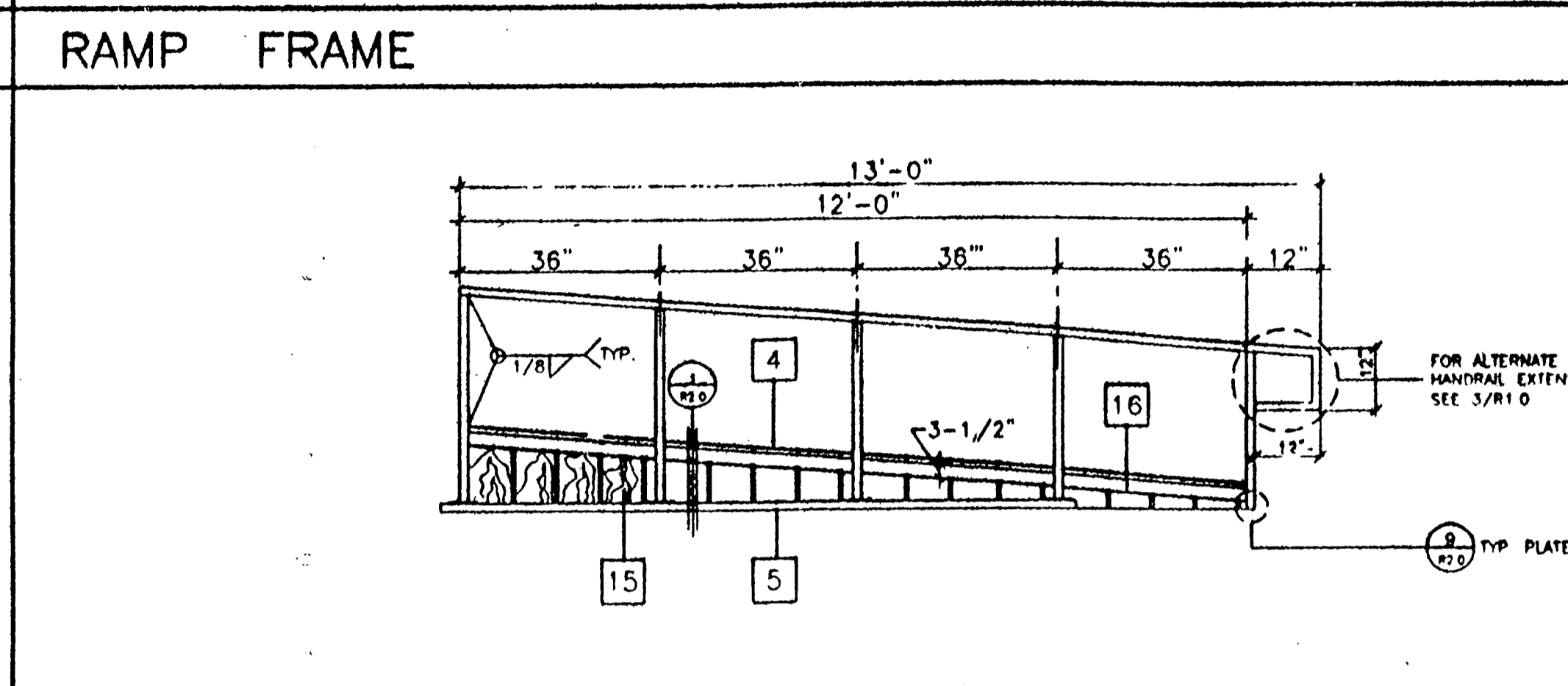
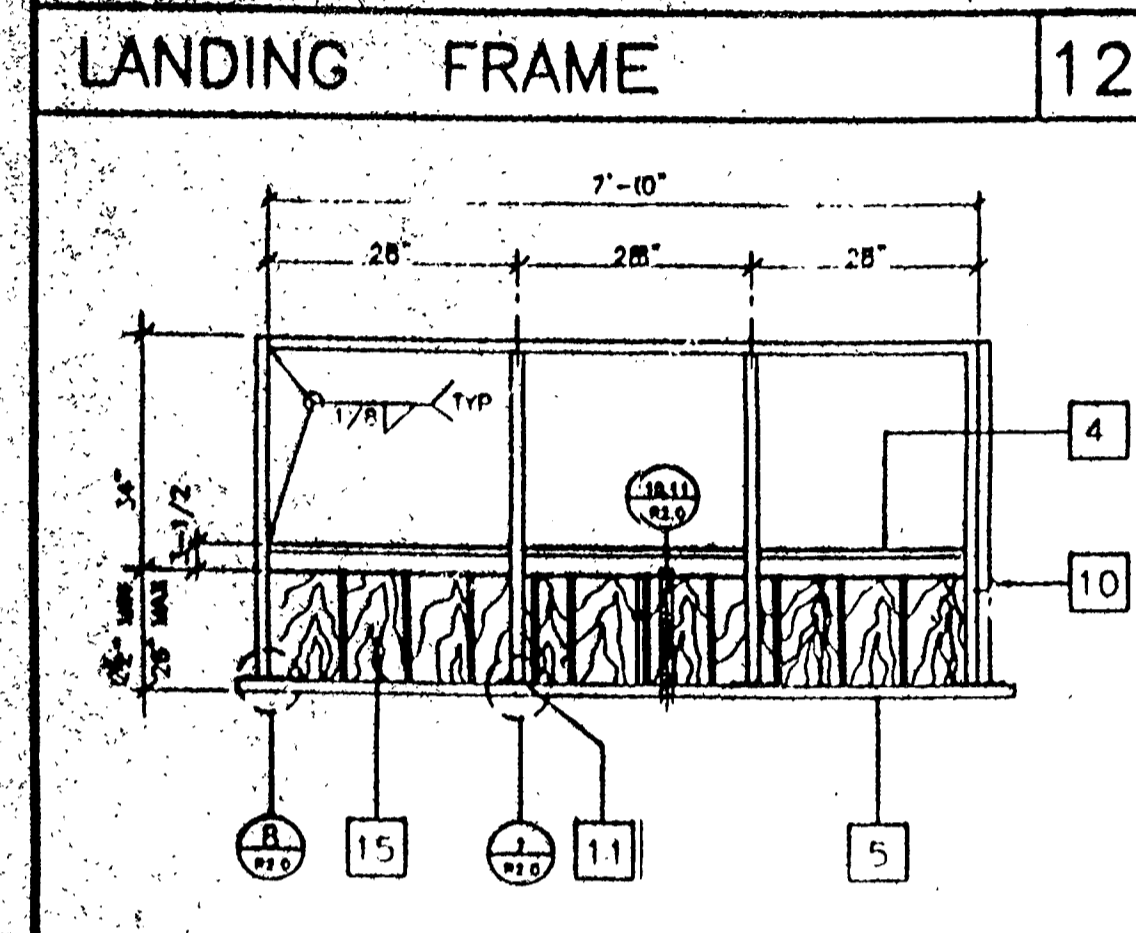
**LIGHTING/POWER/SIGNAL PLAN**

IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 APPROX 10270  
 AC FL 1/1 SS AP  
 DATE DEC 17 2003

ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	ACCESS COMPLIANCE	STRUCTURAL SAFETY	JOB #	DATE
							24'x40' BLD'S	APR 10 1992
							STOCKPILE 57970 © MODTECH INC., 1992 DRAWN BY A.B. CHECKED BY DATE	
O. L. A. Brook Haven School Interim Classroom Buildings							ELECTRICAL PLAN E10	

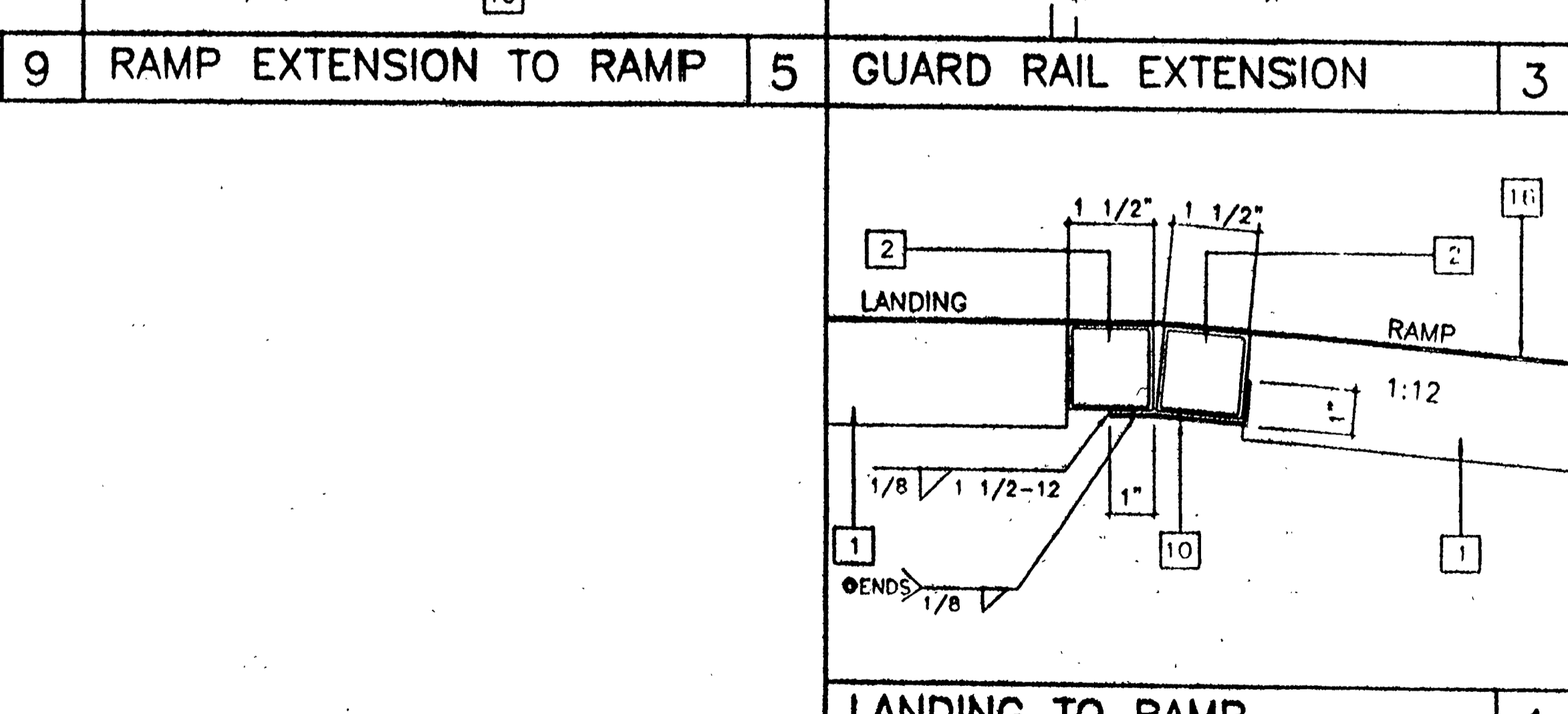
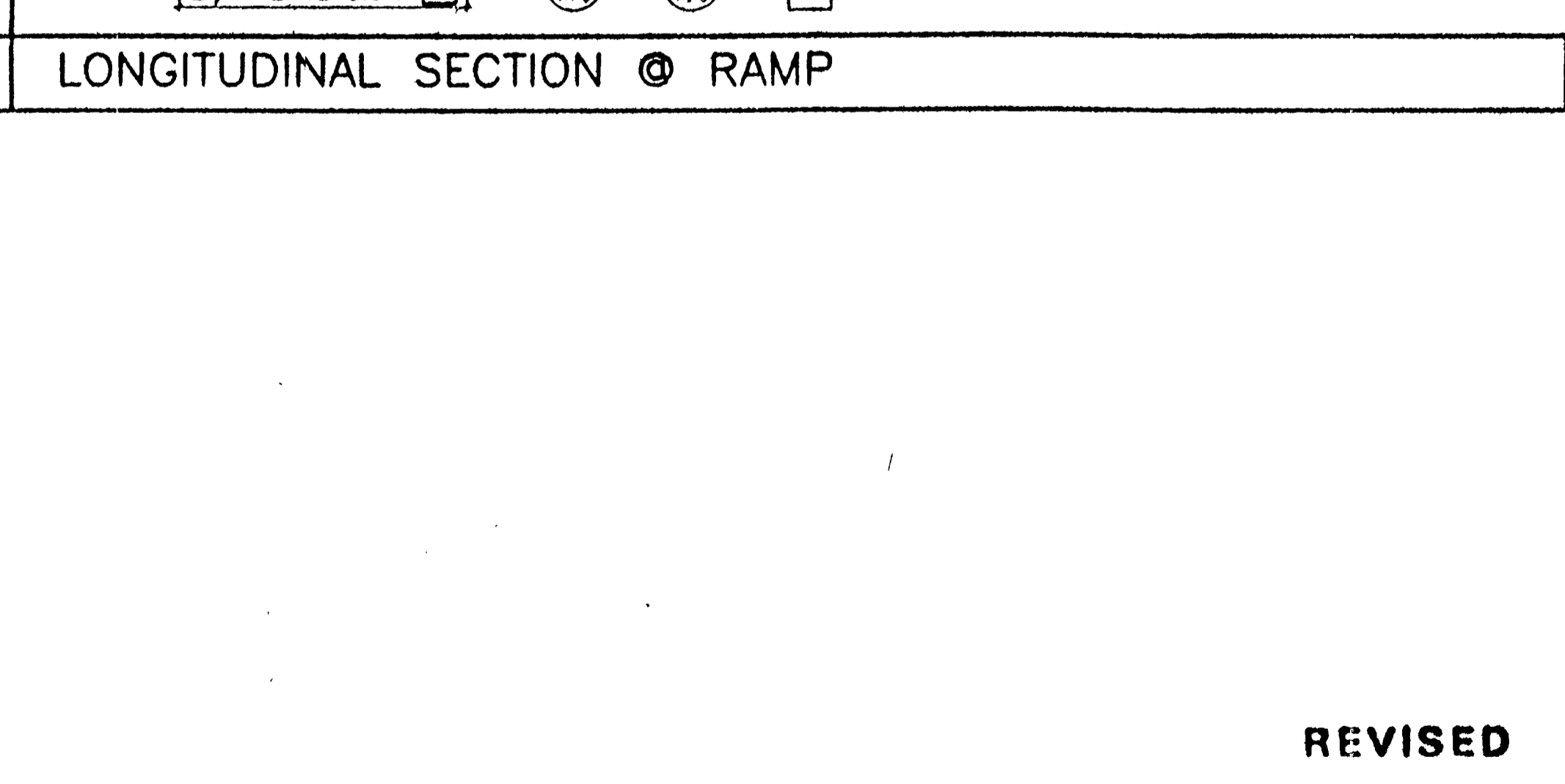
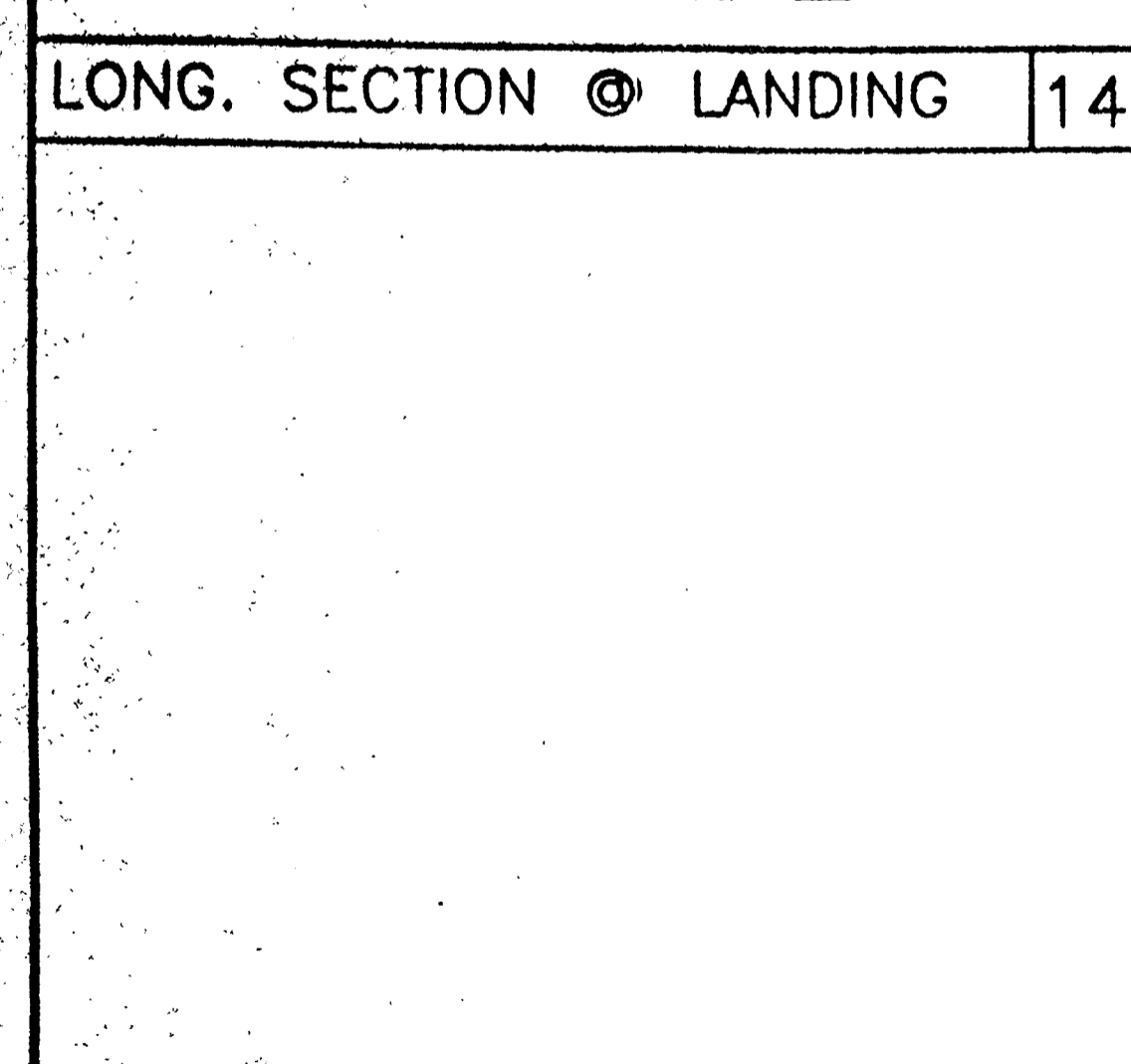


- ### KEY NOTES
- 1 1/2" x 2" x 14ga
  - 1 1/2" x 1 1/2" x 14ga (Fy = 39KSI)
  - 1" x 1" x 16ga WHEELCHAIR GRIP
  - 2 x 6 PT SILL PLATE
  - 6" x 10ga FRONT PLATE W/ 1/4" x 2" TEK SCREWS 8" OC INTO WOOD OR FOUND. BLOCKS OR #14 x 2" III SCREWS INTO STEEL @ 9" OC
  - 6" x 12" x 10ga PLATE W/ 2-1/4" x 3 LAGS TO STRUCTURAL FRAME OF BUILDING
  - 3" x 1" x 3'-0" x 10ga BENT PLATE
  - 2" x 4" x 12ga BASE PLATE W/ 2-1/4" x 1" LAGS
  - 6" x 10" x 12ga BASE PLATE @ RAMP TOE
  - LINE OF RAMP/LANDING ABOVE
  - LOWER LANDING BY DISTRICT
  - SPURTING PLYWOOD TO MATCH BUILDING SIDING FLOOR ALL EDGES ATTACH W/ 8d @ 6" OC EDGES AND 12 OC FIELD. AT EDGE CONNECTION TO T.S. USE #14 - 2" TEK SCREWS @ 6" OC
  - 12ga METAL DECK - NON-SLIP SURFACE DESIGN COEFFICIENT OF FRICTION GREATER THAN .05. MAINTAINABLE FOR 1 YR.
  - RAMP EXTENSION FRAME
  - EXISTING BUILDING
  - RAMP BY MODTECH
  - FLUSH TRANSITION
  - NOTCH BOTTOM PLATE (MUD SILL) AS REQUIRED TO CLEAR RAMP TOE MAX NOTCH 1 1/2" x 4'-0" MIN
  - 1" x 1" x 16ga



IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APPROX. 107458  
AC.FE.FLS. 88  
DATE: DEC 1 1997

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
OFFICE OF REGULATION SERVICES  
4106047  
AC.FE.FLS. 88  
DATE: DEC 4 1997



- ### NOTES
- 1 RAMP / RAMP SHALL NOT SLOPE MORE THAN 1 IN 12
  - HANDRAILS - HANDRAILS AT BOTH SIDES OF RAMP AT 31" MIN
  - SURFACE LANDING & RAMP TO HAVE NON-SLIP SURFACE AMCOR GRIP II AS MANUFACTURED BY AMERICAN CHEMICAL COMPANY (OR EQUAL)
  - GROUNDING: PROVIDE GROUNDING OF RAMP TO BLDG FRAME W/ #8 CU TO BOTH GROUND LUGS
  - ARCHITECT SITE / RAMP / LANDING PLANNING DUE TO VARYING SITE CONDITIONS THE MAXIMUM HEIGHT OF FINISH FLOOR FROM GRADE IS 26" THEREFORE IT IS POSSIBLE THAT THE ACCESS RAMP ATTACHED TO THE BUILDING COULD BE 26'-0" AT A SLOPE OF 1:12 ARCHITECT MUST TAKE INTO ACCOUNT THAT THE RAMP SUPPLIED BY MODTECH INC. IS 11'-0" AT A SLOPE OF 1:12 THEREFORE THE ARCHITECT WILL HAVE TO DESIGN AND PROVIDE SUFFICIENT DETAILS OF RAMP EXTENSIONS AND BOTTOM LANDING DEPENDING ON PARTICULAR SITE CONDITIONS. IN NO WAY IS MODTECH INC RESPONSIBLE FOR ANY RAMP EXTENSION IN THE ORIGINAL PLAN AS SHOWN ON SHEET R-1
  - ALL 1 1/4" AND 1 1/2" TUBE SIFTL TO PER ASTM A-500 GRADE A STEEL (Fy = 39 KSI)

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architect's Seal	IDENTIFICATION STAMP	MODTECH INC.	Job Number: PC 270	© MODTECH, INC. 1997	checked by: SS	date: 11/13/97	Modtech project no.:	MODTECH Index No.:

REVISIONS

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
OFFICE OF REGULATION SERVICES  
PC 270  
AC.FE.FLS. 88  
DATE: FEB 13 1997

MODTECH INC.  
2830 BARRETT AVENUE  
PERRIS, CALIF. 92572  
PH (909) 943-4014  
FAX (909) 940-0427

Job Number: PC 270

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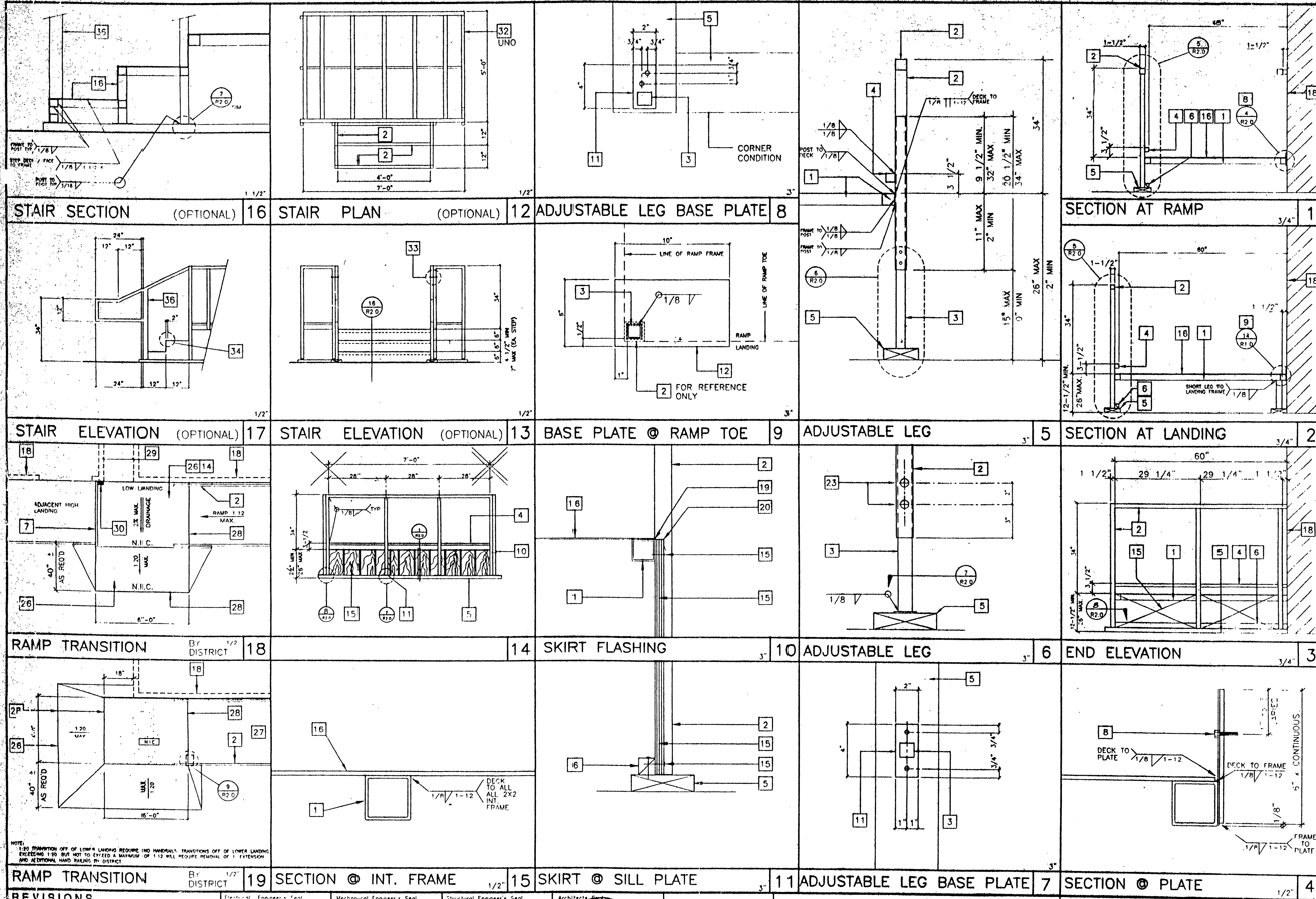
checked by: SS  
date: 11/13/97  
Modtech project no.:  
MODTECH Index No.:

Brook Haven School  
Interim Classroom Buildings

**RAMP / LANDING**

**R1.0**

STOCKPILE 57970



- KEY NOTES**
- 15 2" x 2" x 14ga
  - 15 1 1/2" x 1 1/2" x 14ga (Fy = 39 ksi)
  - 15 1 1/4" x 1 1/4" x 14ga (Fy = 39 ksi)
  - 15 1" x 1" x 16ga WHEELCHAIR GUIDE
  - 2 x 6 SILL PLATE
  - 2 x 2 NAILER W/ 16d @ 12" OC
  - 2 x RW HEADER BY DISTRICT
  - 6" x 10ga CONTINUOUS PLATE W/ #14 x 2" TEK SCREW @ 9" OC INTO WOOD OR FOUNDATION BLOCKS OR #14 x 2" TEK SCREWS INTO METAL @ 9" OC
  - 2" x 4" x 12ga BRACE PLATE W/ 2-1/4" x 1" LAGS
  - 6" x 10" x 12ga BRACE PLATE @ RAMP TOE
  - LOWER LANDING BY DISTRICT
  - SKIRTING: PLYWOOD TO MATCH BUILDING SKIN. BLOCK ALL EDGES. ATTACH W/ 8d @ 6" OC EDGES AND 12" OC FIELD. AT EDGE CONNECTION TO I.S. USE #14 x 2" TER SCREWS @ 6" OC
  - 12ga METAL DECK. NON-SLIP SURFACE DESIGN COEFFICIENT OF FRICTION GREATER THAN 0.6 MAINTAINABLE FOR 1 YR
  - EXISTING BUILDING
  - CAULKING
  - 26 ga FLASHING
  - 3/8" dia x 2" LONG MR W NUT & WASHERS
  - FRAME BY DISTRICT
  - RAMP BY MODTECH
  - FLUSH TRANSITION
  - 12" MINIMUM BUILDING SERERATION
  - PROVIDE DIVERSION FOR WATER FROM DOWNSPOUT FOR THIS CONDITION BY DISTRICT
  - FOR LANDING DETAILS AND RAMP ATTACHEMEN SEE 12/R10
  - FASTEN POSTS W/ 3/8" x 3" THRU BOLT TYPICAL
  - 2" WARNING STRIPES MAX 1" FROM FINISH STAIR NOSING USE CONTRASTING COLOR.
  - 15 2 1/2" x 1 1/2" x 16ga ASTM A500 GRADE A

**REVISIONS**

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Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal

PROFESSIONAL SEAL  
 STATE OF CALIFORNIA  
 No. 53810  
 Exp. 04/2020  
 SHERIDAN R. J. 03.03.17

REGISTERED ARCHITECT  
 STATE OF CALIFORNIA  
 No. 93771  
 R.H. 1/3/15

IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 OFFICE OF REGULATION SERVICES  
 PC 270  
 AC 10/1/15  
 DATE FEB 13 1997  
 REVISED

**MODTECH INC.**  
 2830 BARRETT AVENUE  
 PERRIS, CALIF. 92572  
 PH (909) 943-4014  
 FAX (909) 940-0427

Job Number: PC 270

(C) MODTECH, INC. 1997

Brook Haven School  
 Interim Classroom Buildings

**RAMP/STAIR DETAILS R2.0**  
 STOCKPILE 5790

IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 OFFICE OF REGULATION SERVICES  
 APP03-107468  
 AC 10/1/15  
 DATE DEC 17 2003

IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 OFFICE OF REGULATION SERVICES  
 1000417  
 AC 10/1/15  
 DATE DEC 4 1997