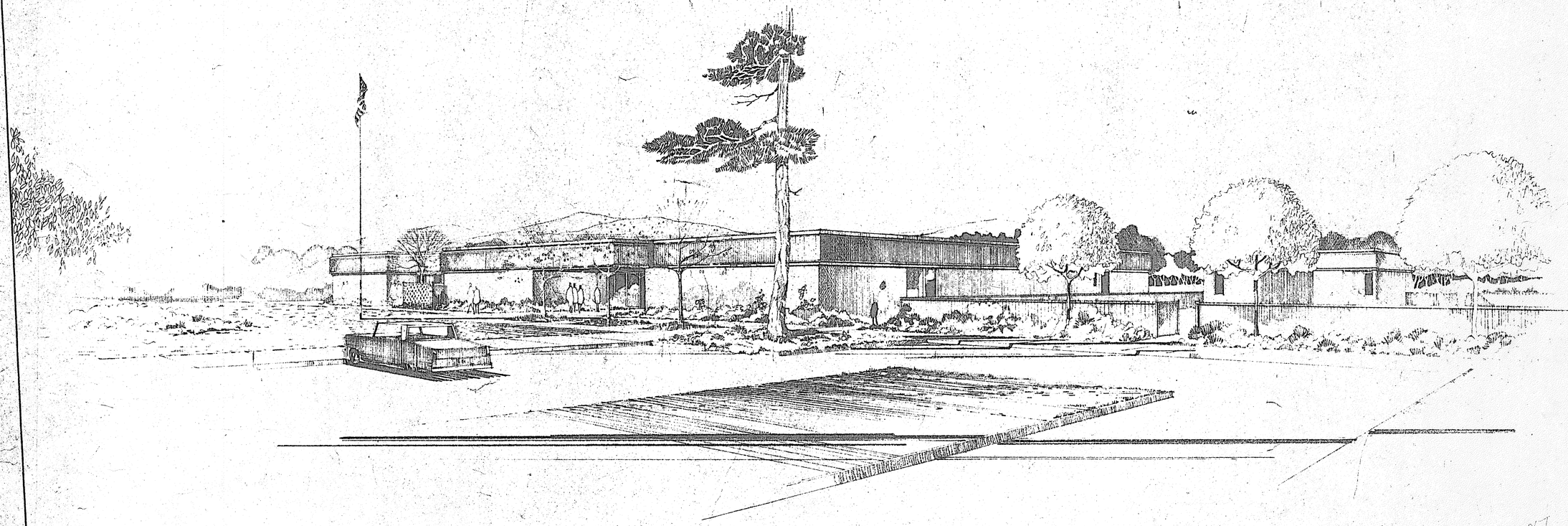


ADULT EDUCATION FACILITY

GROSSMONT UNION HIGH SCHOOL DISTRICT

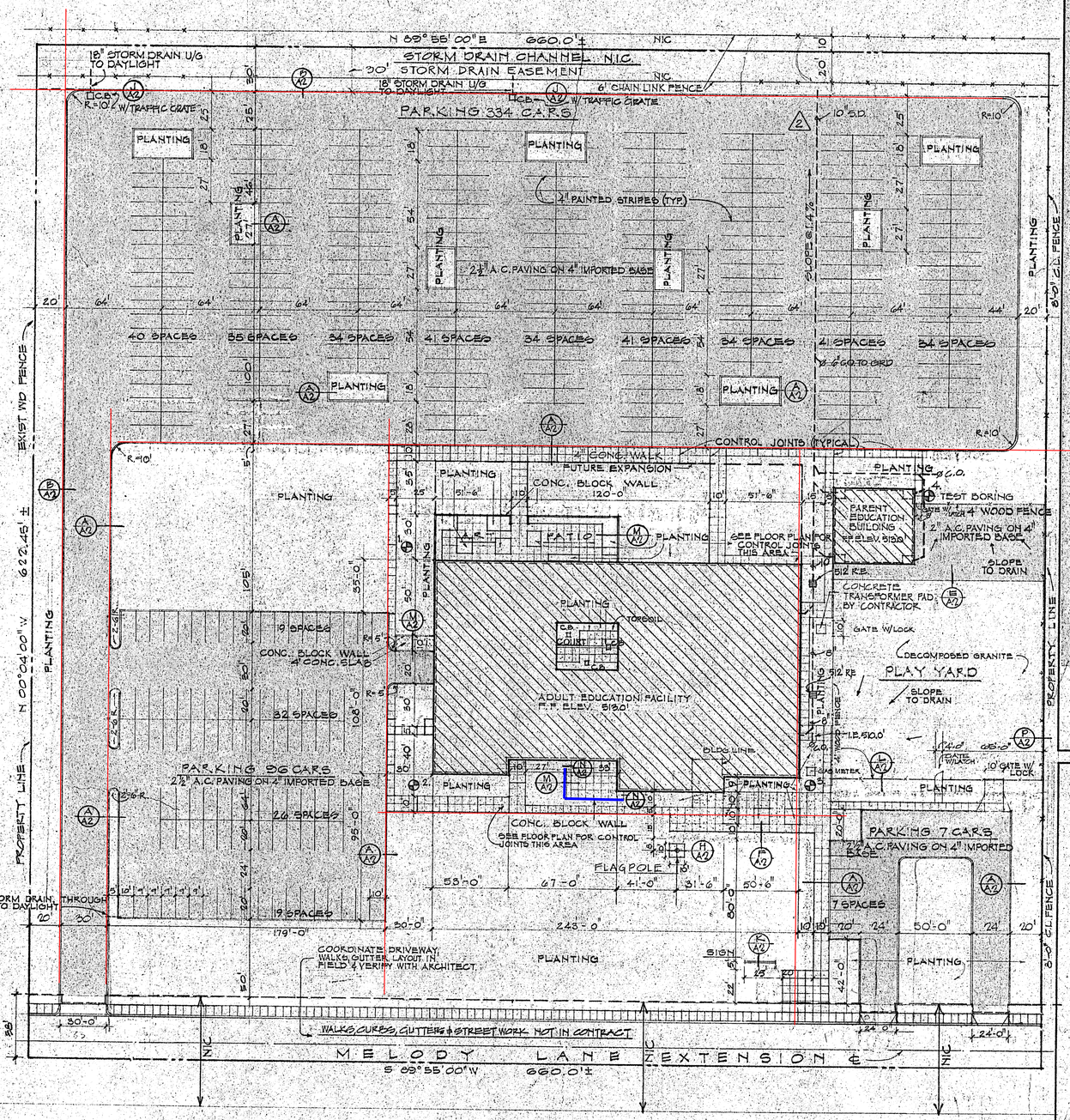
STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES
OFFICE OF ARCHITECTURE AND CONSTRUCTION
APPLICATION NO. 36131 · APPROVED JUL 23 1973
FOR [signature] DIVISION OF ARCHITECTURE

INSTALLATION OF SUSPENDED CEILING SHALL BE ENGINEERED AND CALCULATIONS SHALL BE APPROVED BY ARCHITECT OR STRUCTURAL ENGINEER. REPORT, FINAL CHECK @ OFFICE OF ARCHITECTURE & CONSTRUCTION.

ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIFORNIA
TITLE SHEET

DATE DEC. 1972
DRAWN BY
JOB 6818
SHEET 1 OF 46

ARTHUR D. DECKER, ARCHITECT
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS



LEGAL DESCRIPTION

SOUTH HALF OF LOTS 2,3 BLOCK 23
"B" TRACT RANCHO EL CAJON, MAP 355

SITE PLAN

SCALE 1" = 40'

NOTES: TOP SOIL REQUIRED AT ALL PLANTING AREAS. SEE GRADING PLAN FOR STOCKPILE AREAS.

STORM DRAIN PIPING TO BE CEMENT-ASBESTOS FROM A POINT 5'-0" OUTSIDE BLDG. INTERCEPT DOWNSPOUTS AT POINT INDICATED ON PLUMBING DRAWING.

LAYOUT EAST-WEST AXIS OF BLDG. PARALLEL TO SOUTH PROPERTY LINE.

2 REVISION 10 JULY 73 ELEC. STORM DRAIN SYSTEM

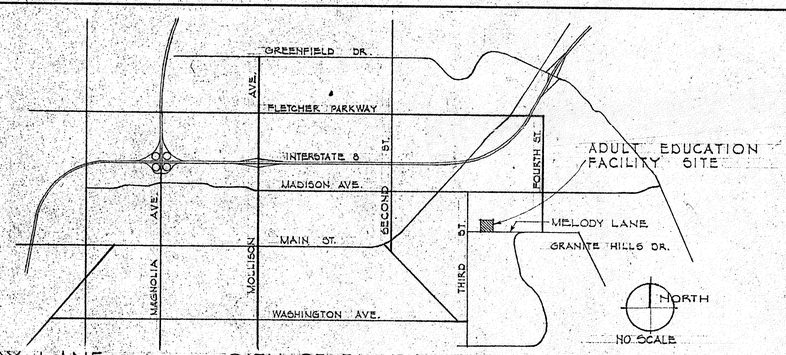
GENERAL NOTES

1. ALL DIMENSIONS ARE TO FACE OF STUD, CENTER LINE OF PARTITIONS, COLUMNS OR MULLIONS UNLESS OTHERWISE NOTED.
2. PROVIDE BACKING AT ALL WALLS AND CEILINGS AS REQUIRED FOR ATTACHMENT OF EQUIPMENT, FIXTURES AND ACCESSORIES.
3. ALL CONCRETE SLABS AND WALKS ON GRADE SHALL BE 4" PORTLAND CEMENT CONCRETE UNLESS OTHERWISE NOTED. PROVIDE CONSTRUCTION JOINTS AS NOTED, WHERE NOT NOTED PROVIDE EXPANSION JOINTS AT 20'0" O.C. MAX.
4. FIELD PAINT ALL MECHANICAL EQUIPMENT, VENTS, FANS, DUCTS AND PIPING ON ROOF.
5. WHERE TOP SOIL OR PLANTING IS CALLED FOR ON DRAWINGS PROVIDE A MINIMUM OF 6" TOPSOIL.
6. COMPLETELY REMOVE ALL GRASS, BRUSH AND DEBRIS FROM SITE BEFORE CUT, FILL, AND RECOMPACTION OPERATION.
7. PROVIDE STRAIGHT GRADES BETWEEN ALL ALTERED FINISH GRADES AND CONTOURS INDICATED ON DRAWINGS. EASE TRANSITIONS.
8. ALL WALL FRAMING SHALL BE METAL STUDS UNLESS OTHERWISE NOTED.
9. CONTRACTOR TO VERIFY ALL DIMENSION PRIOR TO CONSTRUCTION.
10. TYPE OF CONSTRUCTION TYPE IV N.

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A2	SITE DETAILS
A3	BUILDING PLAN
A4	BUILDING PLAN CONTINUED & DETAILS
A5	TOILET PLANS & DETAILS
A6	FINISH, PANEL & DOOR SCHEDULES
A7	DOOR, WINDOW & WALL DETAILS
A8	EXTERIOR ELEVATIONS
A9	EXTERIOR ELEVATIONS & INTERIOR ELEVATIONS
A10	INTERIOR ELEVATIONS
A11	INTERIOR ELEVATIONS
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A20	SECTIONS & DETAILS
A21	ROOF PLAN & DETAILS
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M2	AIR CONDITIONING PLAN
M3	AIR CONDITIONING PLAN
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E4	ELECTRICAL POWER FLOOR PLAN
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E8	PANEL SCHEDULES
E9	PANEL SCHEDULES
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S2	SECTIONS & DETAILS
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S6 REINFOR. A/C OPENINGS IN RAFTERS.
S7 MISCELLANEOUS DET.
S8 MISCELLANEOUS DET.



1550 MELODY LANE – CITY OF EL CAJON, CALIFORNIA

VICINITY MAP

DEPARTMENT OF EDUCATION
SAN DIEGO COUNTY
APR 25 1973
M. TED DIXON
Superintendent of Schools

STATE OF CALIFORNIA – DEPARTMENT OF GENERAL SERVICES
OFFICE OF ARCHITECTURE AND CONSTRUCTION
36131 APPROVED JUL 23 1973

APPROVED BY DISTRICT BOARD OF TRUSTEES
GROSSMONT UNION HIGH SCHOOL DISTRICT
By

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
JUL 30 1973
By

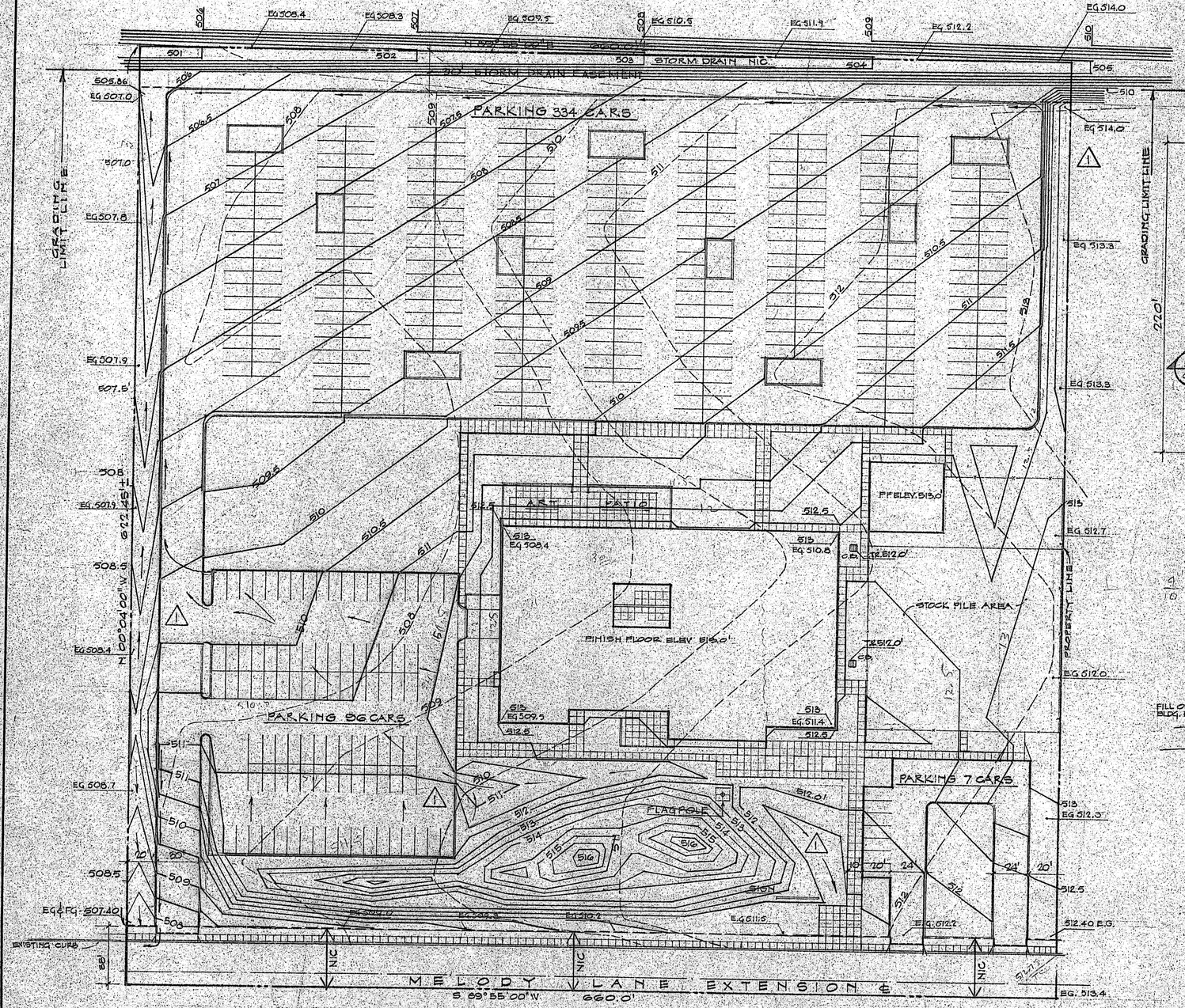
ARTHUR D. DECKER, ARCHITECT
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

Arthur D. Decker
ARCHITECT 0-1168

ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIFORNIA

SITE PLAN

DATE Dec. 1972
DRAWN BY
JOB 69-6
SHEET A1
OF



LEGEND

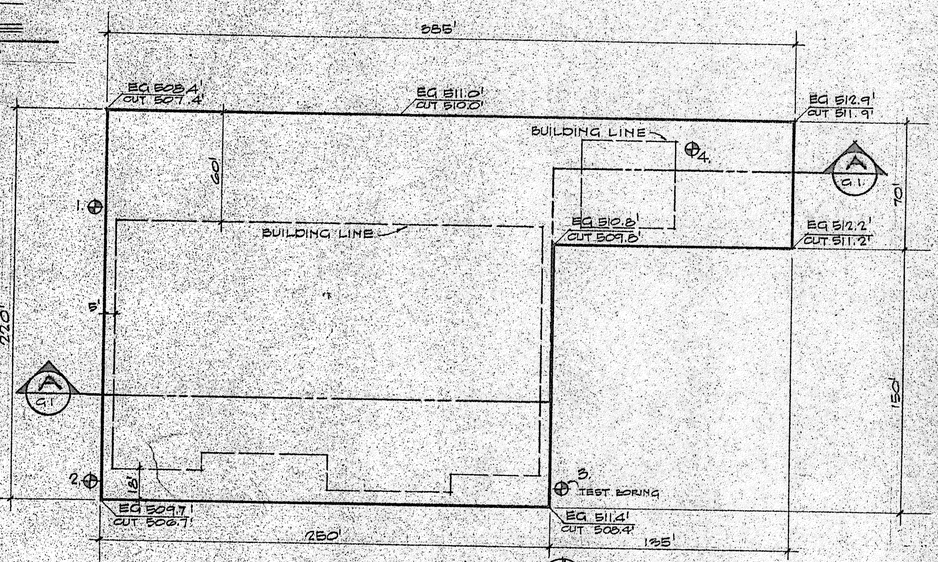
PROPERTY LINE
EXISTING CONTOURS
NEW CONTOURS
FINISH ELEVATION
E.G. - EXISTING GRADE
F.G. - FINISH GRADE

GRADING PLAN

SCALE 1" = 40'

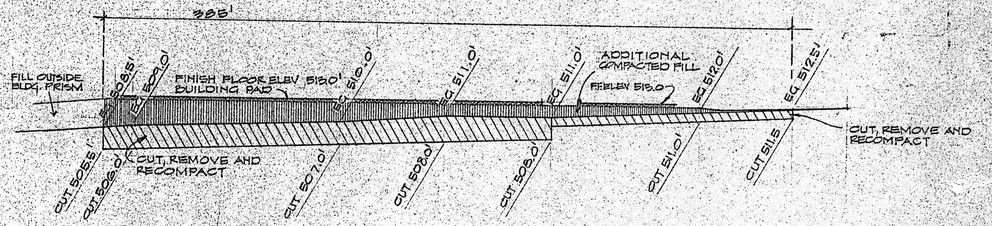
NOTE: REMOVE BERM & FILL DITCH ALONG NORTH, SOUTH, & WEST PROPERTY LINES.

NORTH



BUILDING PRISM DETAIL

SCALE 1" = 40'



BUILDING PRISM PROFILE

SCALE: 1" = 40' HORIZONTAL
1" = 10' VERTICAL

REVISION 1	FEB. 19, 1973	CONTOURS REVISED

APPROVED
DEPARTMENT OF EDUCATION
SAN DIEGO COUNTY
APR 26 1973
M. TED DIXON
Superintendent of Schools

APPROVED JUL 23 1973

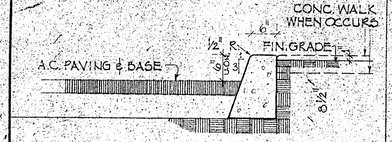
APPROVED BY
DISTRICT BOARD OF TRUSTEES
GROSSMONT UNION HIGH SCHOOL DISTRICT
By

ARTHUR D. DECKER, ARCHITECT
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

ARCHITECT C-11165

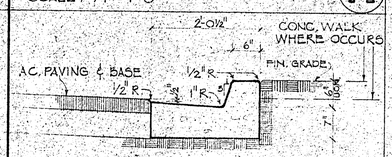
ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIFORNIA
GRADING PLAN

DATE DEC. 1972
DRAWN BY
JOB 69-6
SHEET G1 OF



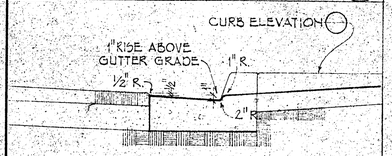
CONC. CURB

SCALE: 3/4" = 1'-0" (A)



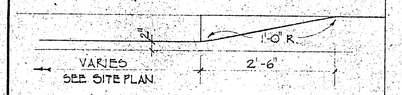
CONC. CURB/GUTTER

3/4" = 1'-0" (B)



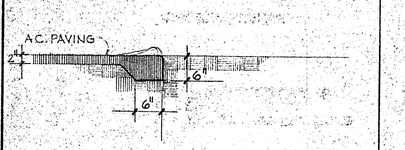
DRIVEWAY

3/4" = 1'-0" (C)



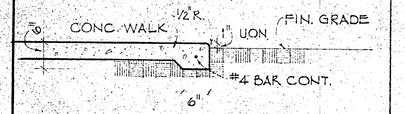
DRIVEWAY (ELEVATION) TYPICAL

3/4" = 1'-0" (D)



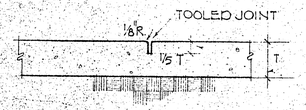
THICKENED EDGE

3/4" = 1'-0" (E)



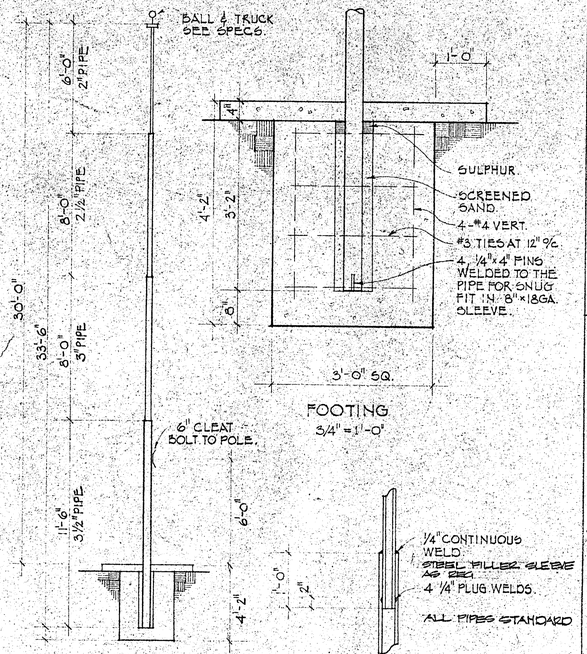
CONC. WALK

3/4" = 1'-0" (F)



CONTROL JOINT

1½" = 1'-0" (G)



ELEVATION

1/4" = 1'-0"

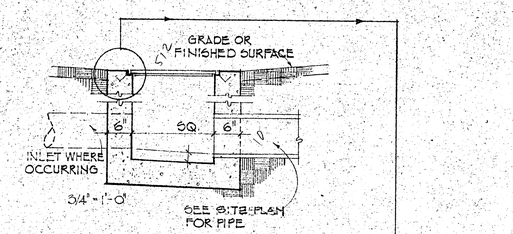
FOOTING

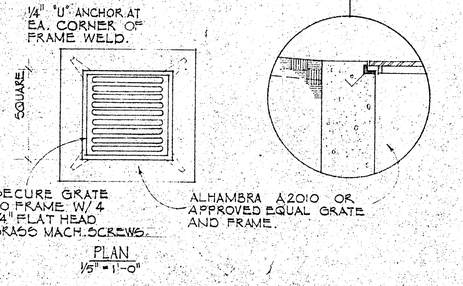
3/4" = 1'-0"

TYPICAL SPLICE

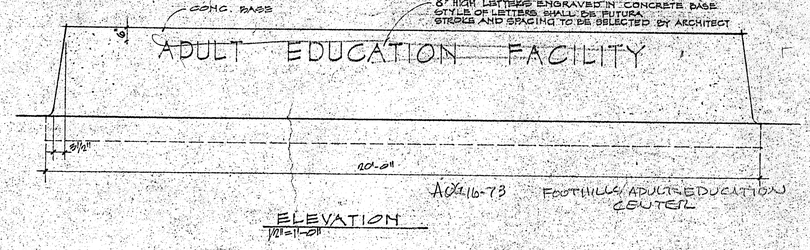
3/4" = 1'-0"

FLAGPOLE (H)





CATCH BASIN (J)

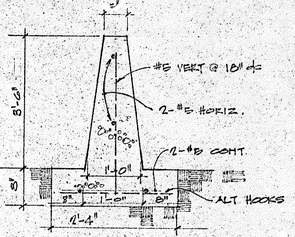


ELEVATION

1/2" = 1'-0"

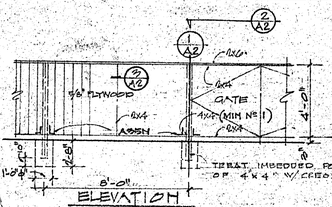
SIGN WALL (A)

SCALE AS SHOWN



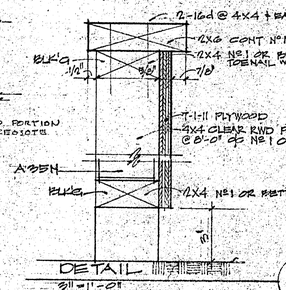
SECTION

3/4" = 1'-0" (K)



ELEVATION

1/4" = 1'-0"

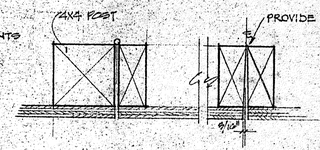


DETAIL

3/4" = 1'-0" (1)

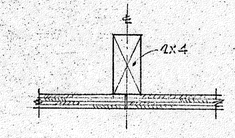
FENCE DETAIL (A)

SCALE AS SHOWN



GATE DETAIL

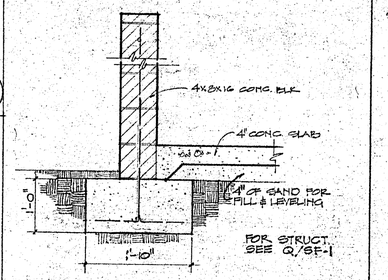
3/4" = 1'-0" (2)



CENTER SUPPORT

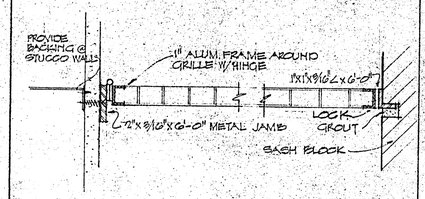
3/4" = 1'-0" (3)

(L)



DETAIL

3/4" = 1'-0" (M)



METAL GATE DETAIL

3/4" = 1'-0" (N)

(2) REVISION JULY 10, 1973 FENCE DETAIL & SIGN WALL

APPROVED
DEPARTMENT OF EDUCATION
SAN DIEGO COUNTY
APR 25 1973
Plans final plans approved in accordance with Educ. Code Section 39006
M. Ted Dixon
Superintendent of Schools

STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES
OFFICE OF ARCHITECTURE AND CONSTRUCTION
APPLICATION NO. 36131
APPROVED JUL 23 1973
Per D. W. Tuttle
PRINCIPAL STRUCTURAL ENGINEER

APPROVED BY DISTRICT BOARD OF TRUSTEES
GROSSMONT UNION HIGH SCHOOL DISTRICT
By
Authorized Agent of the Governing Board

ARTHUR D. DECKER, ARCHITECT
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

Arthur D. Decker
ARCHITECT C-1168

ADULT EDUCATION FACILITY

GROSSMONT UNION HIGH SCHOOL DISTRICT

1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIFORN.

SITE DETAILS

240'-9½"

PLANTER | PATIO | PLANTER | PATIO | PLANTING | PLANTING | SIDEWALK

ART CLASSROOM #1 (201) | ART CLASSROOM #2 (200) | ELEC. RM. | S/SINK CUSTODIAN R.M. #4 | SPEECH CLASSROOM (109) | CLASSROOM #1 (108) | SECRETARIAL CLASSROOM #1 (100)

ROOF LINE | EXIT SIGN HALL #3 | HALL #4 | HALL #6 | HALL #5 | ROOF LINE

UPHOLSTERY (202)

SEE SHEET A5 FOR THIS AREA

STUDENT LOUNGE | OPEN COURT | PLANTING | SEE SITE PLAN FOR DRAINAGE | LOBBY | SECRETARIAL CLASSROOM #2 (101)

WOMEN'S TOILET #3 | ROOF ACCESS | CUSTODIAN R.M. #3 | MEN'S TOILET #2 | VESTIB. (WOMEN) | CUSTO. ROOM | WOMEN'S LOUNGE | WOMEN'S TOILET #1 | KEYPUNCH ROOM

CLOTHING ROOM #2 (301) | HOME ECONOMICS R.M. (107) | SCIENCE ROOM (106) | DEMONSTRATION TABLE | CLASSROOM #3 (105) | CLASSROOM #2 (104) | VESTIB. (MEN) | ENTRY | SECRETARIAL CLASSROOM #3 (102)

MATCH LINE | MATCH LINE

50'-0" | 70'-0" | 70'-0" | 50'-0"

LEGEND FOR PREFINISHED MODULAR CASEWORK

STAND. SIZES: 211, 512

OTHER SIZES: (WIDTH) 54, M 116, 52 (HEIGHT), 20 (DEPTH)

MOVABLE OR ISLAND: 48, M 716, 42, 26 — FX-L-LPT REQUIREMENTS

SPECIAL DESIGN: 56, X**, 52, 27 — CD-L-LPT SPECIAL

SERIES NO	TYPE	DIMENSIONS W	H	D
100 – 199	BASE CABINETS	48	36	24
200 – 299	DRAWER BASE CABINETS	48	36	24
300 – 399	WALL HUNG CABINETS	48	30	12
400 – 499	TALL STORAGE CABINETS	48	84	24
500 – 599	TALL WARDROBE CABINETS	48	84	24
600 – 699	LIBRARY CABINETS	—	—	—
700 – 799	MOVABLE CABINETS	—	—	—

NOTES ARE ADDED WHEN REQUIRED FOR AMPLIFICATION

NORTH PART OF MAIN BUILDING

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

(A) NORTH PART OF MAIN BLDG. (B) PARENT ED. BLDG. (B) SOUTH PART OF MAIN BLDG.

KEY PLAN 1" = 160'-0"

NORTH

(A) NOTE 1½ HR DOORS AUTOMATIC CLOSING BY SMOKE DETECTORS
NOTE: APPROVAL IN WRITING BY ARCHITECT FOR REVISION OF DIMENSIONS OF METAL STRUCTURE.
( ): INDICATES ROOM NAMES & NUMBERS.
2 REVISION – JULY 10, 1973 – ADDITIONAL EXITS, 2 HR WALL, REMOVAL OF LOBBY/LOUNGE DOORS, FIRE DOORS 7 & 11, 1 HR WALL, ¾ HR LABELED DRS.

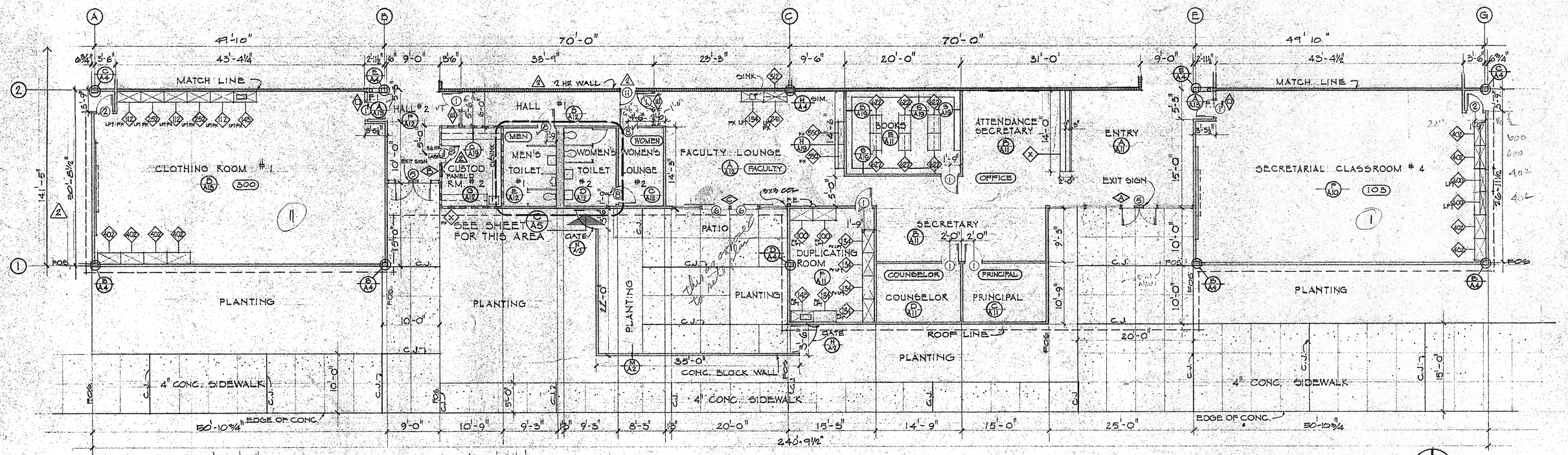
APPROVED DEPARTMENT OF EDUCATION — APPROVED JUL 23 1973 — APPROVED BY DISTRICT BOARD OF TRUSTEES GROSSMONT UNION HIGH SCHOOL DISTRICT — APPROVED STATE FIRE MARSHAL STATE OF CALIFORNIA JUL 23 1973

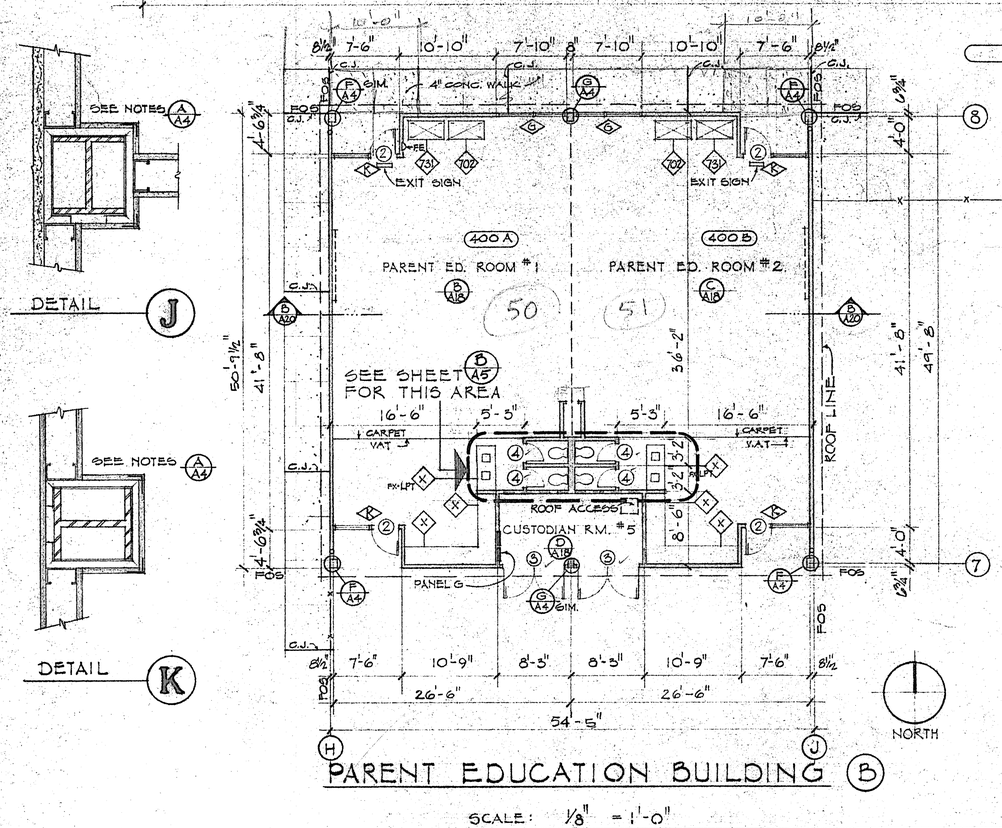
TOTAL AREA 240.75ft 141.92 = 34,064.87 + 100 = 34,166 sq ft

ARTHUR D. DECKER, ARCHITECT
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS
ARCHITECT C-1168

ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIFORNIA
BUILDING PLAN

DATE DEC. 1972 | DRAWN BY | JOB 69-6 | SHEET A3 OF

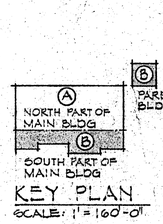




PARENT EDUCATION BUILDING (B)

SCALE: ⅛" = 1'-0"

INDICATES ROOM NAMES & NUMBERS



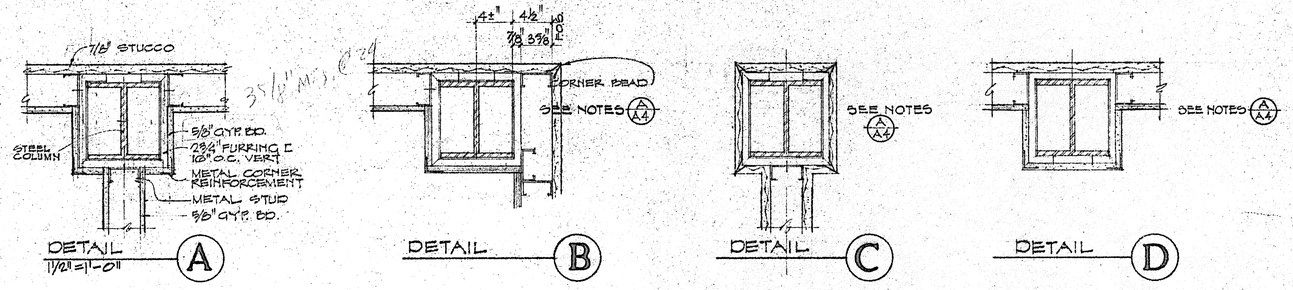
KEY PLAN

SCALE: 1" = 160'-0"

SOUTH PART OF MAIN BUILDING (B)

SCALE: ⅛" = 1'-0"

NORTH



⚠2 REVISION JULY 10, 1973 ADDITIONAL EXITS, 2 HR. WALL, REMOVAL OF (H'), RELOCATED DOOR @ FACULTY LOUNGE, 1-HR. WALL CUSTOD. RM. #2, DIMENSIONS, ¾ HR. LABEL DRS.

APPROVED DEPARTMENT OF EDUCATION SAN DIEGO COUNTY

APPROVED BY DISTRICT BOARD OF TRUSTEES

APPROVED STATE FIRE MARSHAL STATE OF CALIFORNIA

ARTHUR D. DECKER, ARCHITECT

EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

ARCHITECT C-1168

ADULT EDUCATION FACILITY

GROSSMONT UNION HIGH SCHOOL DISTRICT

1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIFORNIA

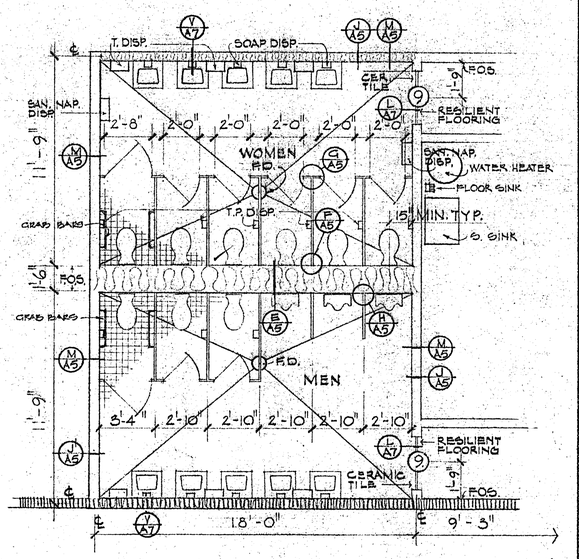
BUILDING PLAN CONTINUED, & DETAILS

DATE DEC. 1972

DRAWN BY

JOB 69-6

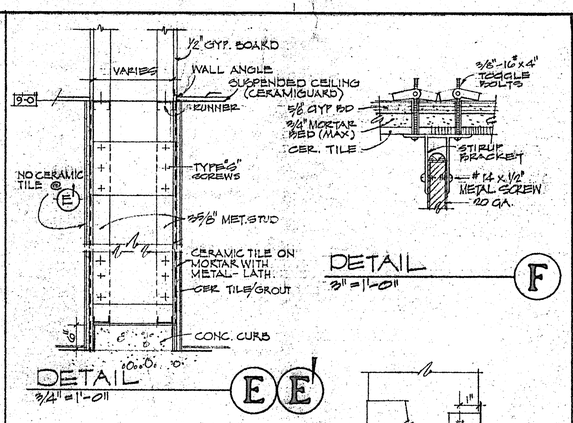
SHEET A4 OF



WEST TOILETS

1/4" = 1'-0"

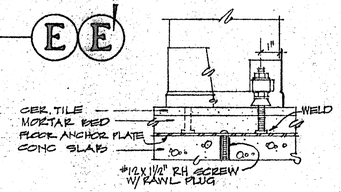
(A)



DETAIL

3/4" = 1'-0"

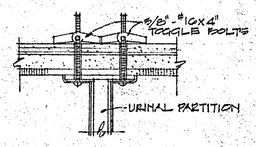
(E) (E')



DETAIL

3/4" = 1'-0"

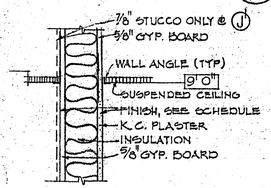
(G)



DETAIL

3/4" = 1'-0"

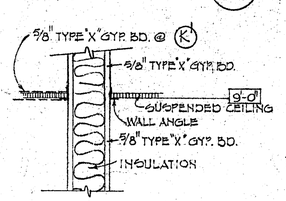
(H)



DETAIL

1 1/2" = 1'-0"

(J) (J')



DETAIL

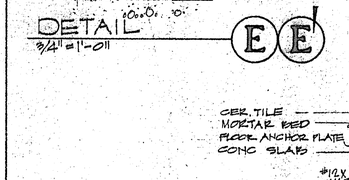
1 1/2" = 1'-0"

(K) (K')

DETAIL

1 1/2" = 1'-0"

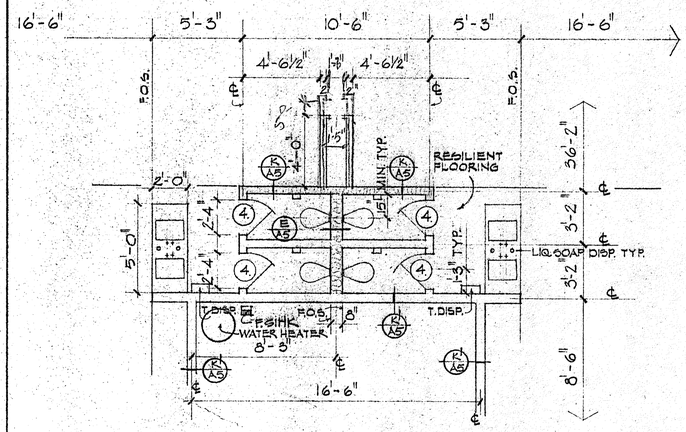
(L) (L')



TYPICAL SILL AT TOILET

1/2" = 1'-0"

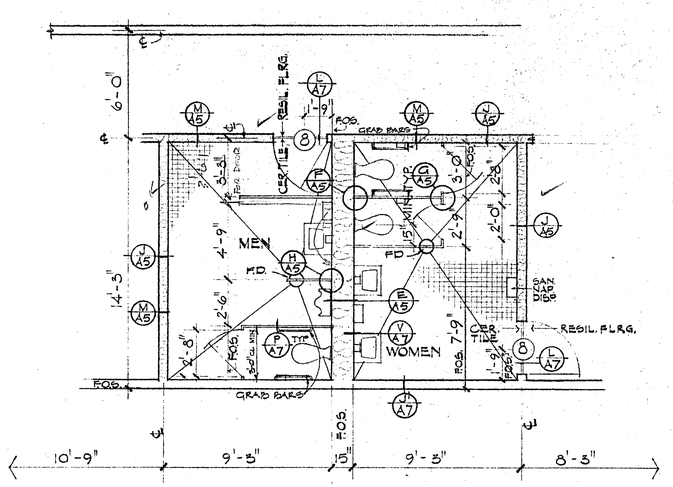
(M)



PARENT ED. TOILETS

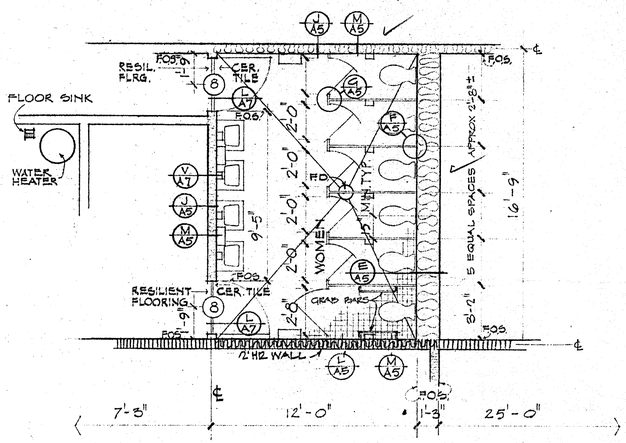
1/4" = 1'-0"

(B)



SOUTH TOILETS

(C)



EAST TOILET

1/4" = 1'-0"

(D)

TOILET PLANS

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

2 REVISION - JULY 10, 1973 - 2 HR. WALL @ 'L'

APPROVED
DEPARTMENT OF EDUCATION
STATE OF CALIFORNIA
By _____

APPROVED
DIVISION OF THE STATE ARCHITECT
30181 APPROVED JUL 2 9 1973
By _____

APPROVED BY
DISTRICT BOARD OF TRUSTEES
GROSSMONT UNION HIGH SCHOOL DISTRICT
By _____
Authorized Agent of the Governing Board

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
JUL 20 1973
By _____

ARTHUR D. DECKER, ARCHITECT

EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

Arthur D. Decker
ARCHITECT C-1168

ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIFORNIA

TOILET PLANS & DETAILS

DATE DEC. 1972
DRAWN BY
JOB 69-6

SHEET A5 OF

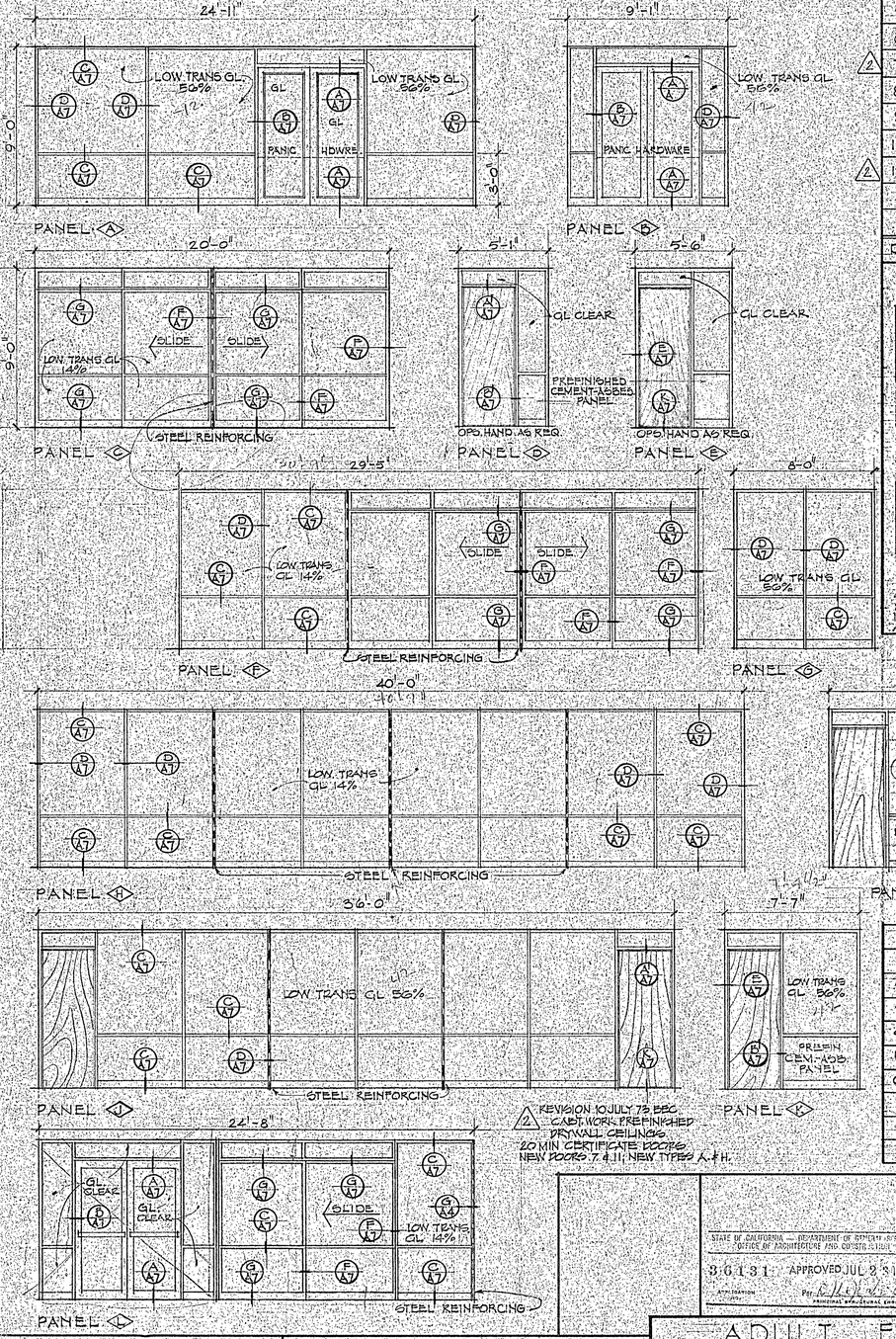
INTERIOR FINISH SCHEDULE

ROOM	FLOOR		BASE		WALLS		CEILING		DOORS	CASES		REMARKS
SEC. CLASSROOM #1	CA	1	R	1	VW	1	A	1	4			
SEC. CLASSROOM #2	CA	1	R	1	VW	1	A	1	4			
KEYPUNCH ROOM	CA	1	R	1	VW	1	A	1	4			
CUSTODIAN RM #1	VT	6	R	6	*D	2	A	1	4	6		*DRYWALL IS SAME AS GYPBOARD
VESTIBULE #1	CA	1	R	1	VW	1	A	1	4	-		
WOMEN'S LOUNGE #1	CA	1	R	1	VW	1	A	1	4	-		
VESTIBULE #2	CA	1	R	1	VW	1	CCT	1	4	-		
WOMEN'S TOILET #1	CT	7	CT	7	K/CT	3/7	A	1	4	-		
SEC. CLASSROOM #5	CA	1	R	1	VW	1	A	1	4			
SEC. CLASSROOM #4	CA	1	R	1	VW	1	A	1	4			
ENTRY	CA	1	R	1	VW	1	A	1	-	-		
ATTENDANCE SEC.	CA	1	R	1	VW	1	A	1	-	-		
PRINCIPAL	CA	1	R	1	VW	1	A	1	4	-		
COUNSELING	CA	1	R	1	VW	1	A	1	4	-		
BOOKS	VT	6	R	6	D	2	A	1	4	4	2	*STAIN & VARNISH SHELVES ONLY
DUPLICATING	VT	6	R	6	VW	1	A	1	4			
FACULTY LOUNGE	CA	1	R	1	VW	1	A	1	-	-		
HALL #1	CA	1	R	1	VW	1	A	1	4	-		
WOMEN'S LOUNGE #2	CA	1	R	1	VW	1	A	1	4	-		
WOMEN'S TOILET #2	CT	7	CT	7	K/CT	3/7	CCT	1	4	-		
MEN'S TOILET #1	CT	7	CT	7	K/CT	3/7	CCT	1	4	-		
HALL #2	VT	6	R	6	VW	1	A	1	-	-		
CUSTODIAN RM #2	VT	6	R	6	D	2	A	1	4	3		
FOYER TYPE 1	*	6	R	6	VW	1	A	1	4	-		*MATCH HALL ADJOINING
CLOTHING ROOM #1	VT	6	R	6	VW	1	A	1	4			
CLOTHING ROOM #2	VT	6	R	6	VW	1	A	1	4			
WOMEN'S TOILET #3	CT/VT	1	CT	1	K/CT	3/1	CCT	1	4	-		
MEN'S TOILET #2	CT/VT	1	CT	1	K/CT	3/1	CCT	1	4	-		
CUSTODIAN RM #3	VT	6	R	6	D	2	A	1	4	5		
UPHOLSTERY	CO	5	-	-	VW	1	A	1	4	3/5		*SHELF ONLY 2
ART CLASSROOM #1	VT	6	R	6	VW	1	A	1	4			
ART CLASSROOM #2	VT	6	R	6	VW	1	A	1	4			
HALL #3	VT	6	R	6	VW	1	A	1	-	-		
ELECTRICAL ROOM	CO	5	-	-	D	2	D 2	1	5	-		
CUSTODIAN RM. #4	VT	6	R	6	D	2	A	1	4	5		
SPEECH CLASSROOM	CA	1	R	1	VW	1	A	1	4			
CLASSROOM #1	CA	1	R	1	VW	1	A	1	4			
HALL #4	CA	1	R	1	VW	1	A	1	-	-		
FOYER TYPE 2	*	1	R	1	VW	1	A	1	4	-		*MATCH HALL ADJOINING
CLASSROOM #2	CA	1	R	1	VW	1	A	1	4			
CLASSROOM #3	CA	1	R	1	VW	1	A	1	4			
SCIENCE ROOM	CA	1	R	1	VW	1	A	1	4			*DOOR (11) - 1½ HR. LABEL 2
HOME ECONOMICS	VT	6	R	6	VW	1	CCT	1	4	0		
LOBBY	CA	1	R	1	VW	1	A	1	-			
HALL #5	VT	1	R	1	VW	1	A	1	-	-		
HALL #6	VT	1	R	1	VW	1	A	1	-	-		
STUDENT LOUNGE	VT	6	R	6	VW	1	A	1	4	-		
PARENT ED. RM #1	CA/VT	1/6	R	6	VW	1	A	1	4			FOR FLOORING SEE SHEET A5-A4 ↓
PARENT ED. RM. #2	CA/VT	1/6	R	6	VW	1	A	1	4			
CUSTODIAN RM #5	CO	6	-	-	D	2	D 2	1	5	-		

LEGEND

V.W. VINYL-COVERED WALLBOARD	G.W. GLASSWELD	R RUBBER
C.T. CERAMIC TILE	V.T. VINYL ASBESTOS TILE	P. PANELING
K KEENE'S CEMENT PLASTER	C.O. CONCRETE	M. METAL
D. DRYWALL (GYPBOARD)	C.A. CARPET	C.B. CONCRETE BLOCK
GL GLASS	A SUSPENDED ACOUSTIC TILE	H.W. HARDWOOD
	A-2 2X4 LAY-IN ACOUSTIC TILE	CCT CERAMIC CEILING TILE
	A-3 2X2 LAY-IN CERAMAGUARD TILE	

PANEL SCHEDULE



DOOR SCHEDULE

HC - HOLLOW CORE
SC - SOLID CORE

	NO.	SIZE	TYPE	CORE	FACE MATER.		LOUVER	DETAIL	REMARKS
2	1/1'	3'-0" x 8'-0" x 1¾"	F	SC	WD				①=20 MIN. CERTIFICATE
2	2/2'	3'-0" x 8'-0" x 1¾"	B	SC	WD				②=20 MIN. CERTIFICATE
	3	7'-0" x 8'-0" x 1¾"	C	SC	WD				
	4	2'-4" x 6'-8" x 1¾"	G	SC	WD				UNDERCUT ½" FOR VENT
	5	6'-0" x 8'-0" PR.	D	ALUM. FRAME	GL				
	6	10'-0" x 8'-0"	E	ALUM. FRAME	GL				
2	7	6'-0" x 8'-0" x 1¾ PR.	A	ST.FR.	MET.				1½ HR. LABEL
	8	3'-0" x 8'-0" x 1¾"	J	SC.	WD		8" x 24"		
	9	3'-0" x 8'-0" x 1¾"	J	SC.	WD		12" x 24"		
	10	3'-0" x 8'-0" x 1¾"	K	SC.	WD		6" x 24"		
2	11	3'-0" x 8'-0" x 1¾"	H	ST.FR.	MET.				1½ HR. LABEL

DOOR TYPES



FINISH LEGEND

1	NO ADDITIONAL FINISH REQUIRED
2	FLAT WALL PAINT
3	SEMI GLOSS PAINT
4	STAIN & VARNISH
5	SEALER
6	WAX

2 REVISION 10 JULY 73 BEC
CAST WORK, PREFINISHED DRYWALL CEILINGS
20 MIN CERTIFICATE DOORS
NEW DOORS 7 & 11, NEW TYPES A + H.

STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES — OFFICE OF ARCHITECTURE AND CONSTRUCTION
3-61-31 APPROVED JUL 23 1973
By [illegible]

DEPARTMENT OF EDUCATION
SACRAMENTO COUNTY
APPROVED
By [illegible]
Ex-Officio Secretary

APPROVED BY DISTRICT BOARD OF TRUSTEES
GROSSMONT UNION HIGH SCHOOL DISTRICT
By [illegible]
Authorized Agent of the Governing Board

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
JUL 20 1973
By [illegible]

ARTHUR D. DECKER, ARCHITECT
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

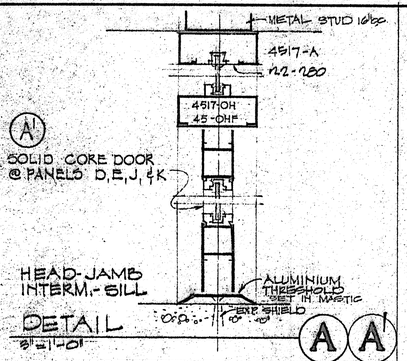
Arthur D. Decker
ARCHITECT C-7168

ADULT EDUCATION FACILITY

GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIFORNIA

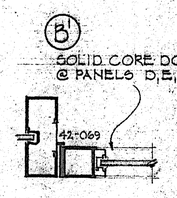
FINISH, PANEL & DOOR SCHEDULES

DATE DEC. 1972
DRAWN BY
JOB 69-6
SHEET A6 OF



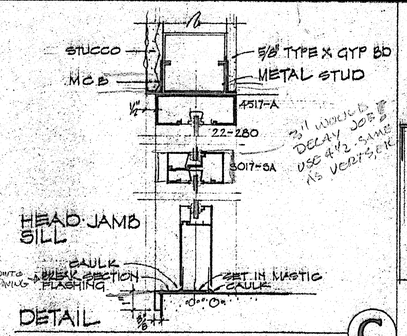
DETAIL
3" = 1'-0"

A A'



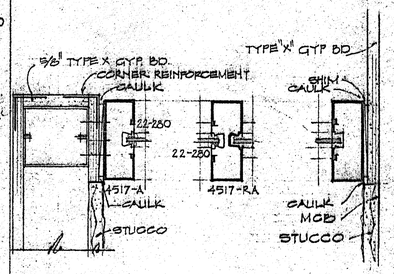
DETAIL

B B'



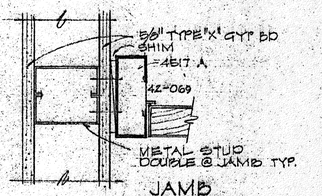
DETAIL

C



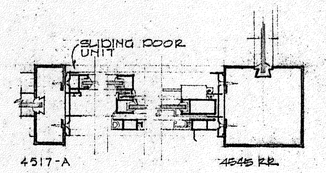
DETAIL

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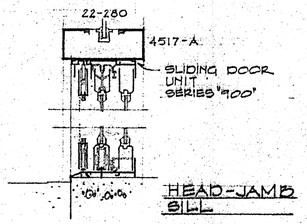
DETAIL

E



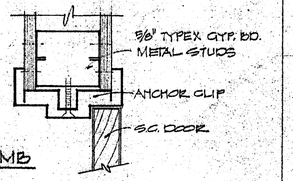
DETAIL

F



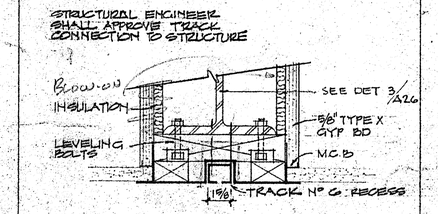
DETAIL

G



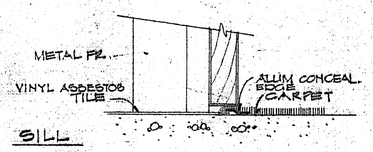
DETAIL

H



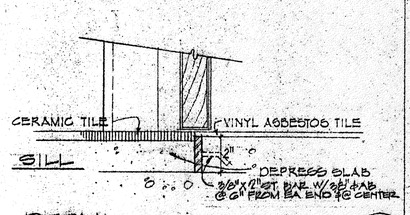
DETAIL

J



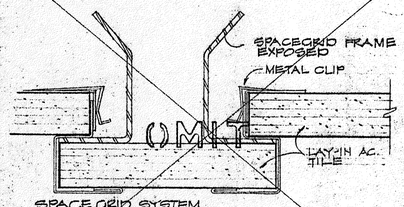
DETAIL

K



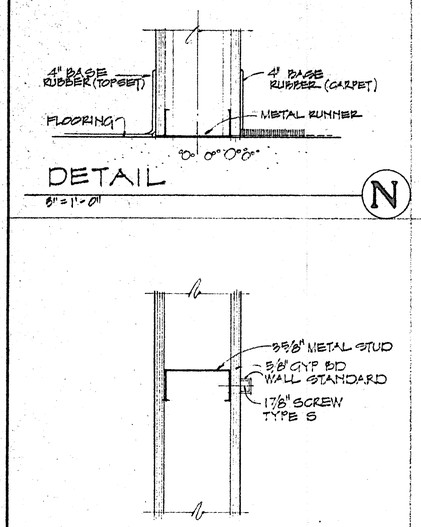
DETAIL

L



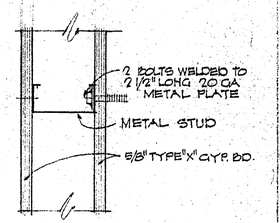
DETAIL
FULL SIZE

M



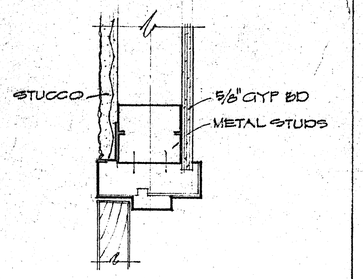
DETAIL
3" = 1'-0"

N



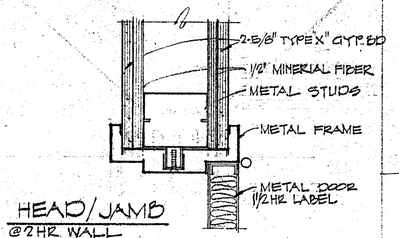
DETAIL (TYPICAL)
3" = 1'-0"

P



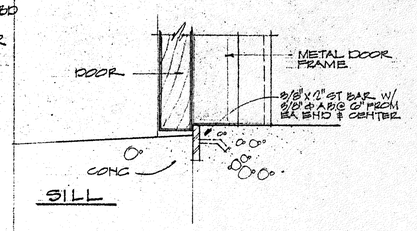
DETAIL
3" = 1'-0"

Q



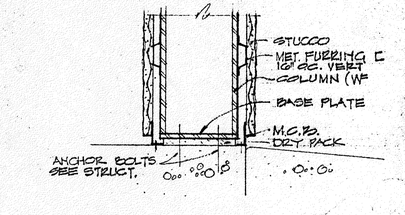
DETAIL
3" = 1'-0"

R



DETAIL
3" = 1'-0"

S

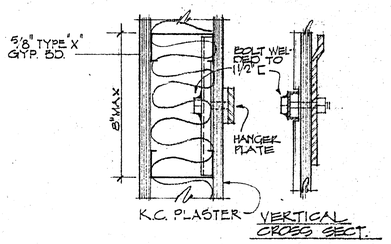


DETAIL
1½" = 1'-0"

T

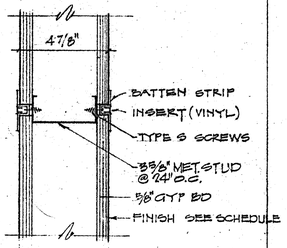
DETAIL
3" = 1'-0"

U



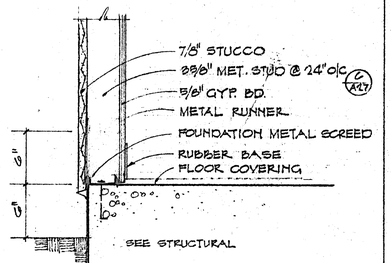
DETAIL
3" = 1'-0"

V



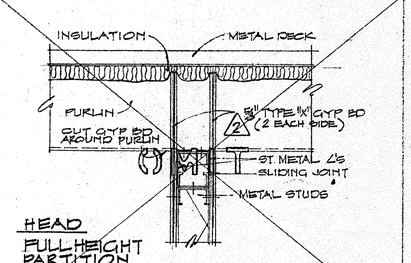
DETAIL
3" = 1'-0"

W



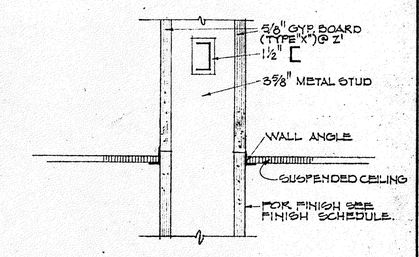
DETAIL
1½" = 1'-0"

X



DETAIL
1½" = 1'-0"

Y



DETAIL
3" = 1'-0"

Z Z'

APPROVED
DEPARTMENT OF EDUCATION
SAN DIEGO COUNTY
APR 2 5 1973
M. TED DIXON
Superintendent of Schools

APPROVED
36151 APPROVED JUN 2 8 1973

APPROVED BY DISTRICT BOARD OF TRUSTEES
GROSSMONT UNION HIGH SCHOOL DISTRICT
By
Authorized Agent of the Governing Board

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
By

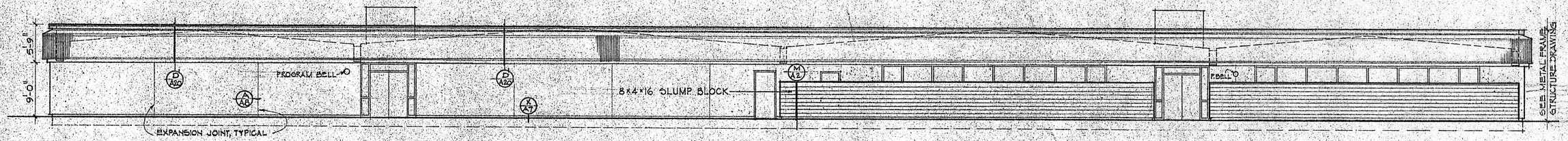
2 REVISION 10 JULY 73 | SLIDING JOINT 2 HR. WALL (OMIT), DETAIL "M" (OMIT), ADD DETAIL "R"

ARTHUR D. DECKER, ARCHITECT
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

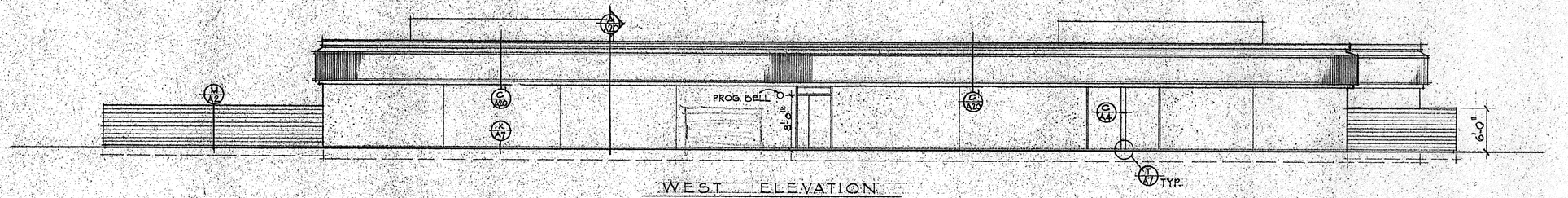
ARCHITECT C-1168

ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIFORNIA
DOOR, WINDOW & WALL DETAILS

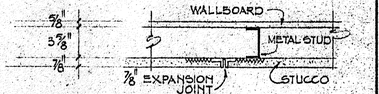
DATE DEC. 1972
DRAWN BY
JOB 69-6
SHEET A7
OF



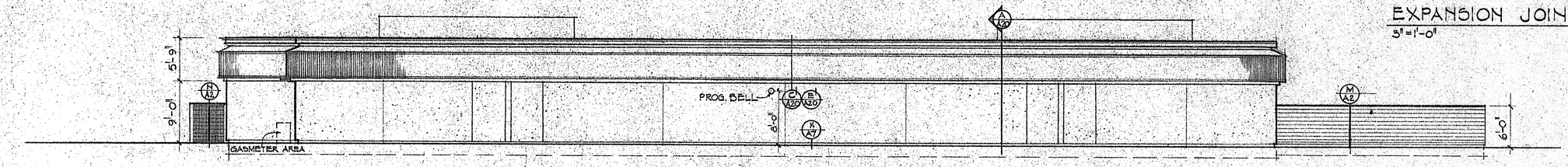
NORTH ELEVATION



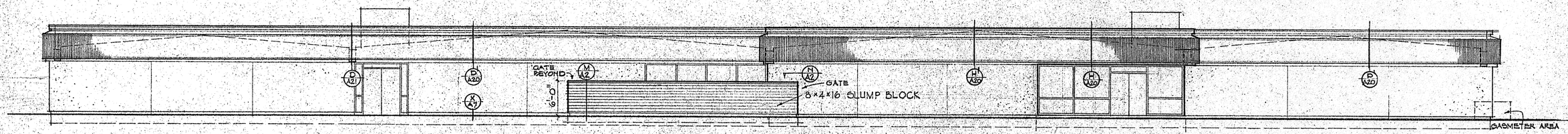
WEST ELEVATION



EXPANSION JOINT DETAIL (TYP.) (A)
3"=1'-0"



EAST ELEVATION



SOUTH ELEVATION

EXTERIOR ELEVATIONS - MAIN BUILDING
SCALE: 1/8" = 1'-0"

APPROVED
DEPARTMENT OF EDUCATION
SAN DIEGO COUNTY
APR 2 5 1973
M. TED DIXON
Superintendent of Schools

APPROVED JUL 2 3 1973

APPROVED BY
DISTRICT BOARD OF TRUSTEES
GROSSMONT UNION HIGH SCHOOL DISTRICT
By

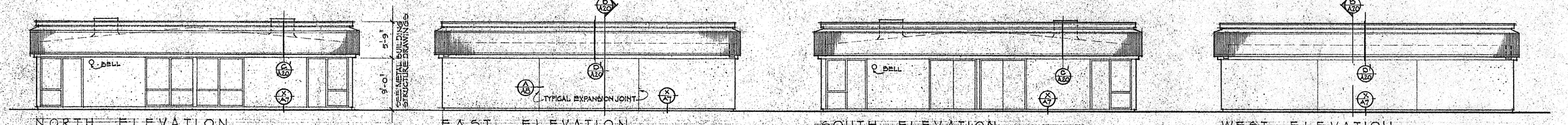
APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
JUL 20 1973
By

ARTHUR D. DECKER, ARCHITECT
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

ARCHITECT C-1168

ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIFORNIA
EXTERIOR ELEVATIONS

DATE DEC. 1972
DRAWN BY:
JOB 696
SHEET A8
OF



NORTH ELEVATION

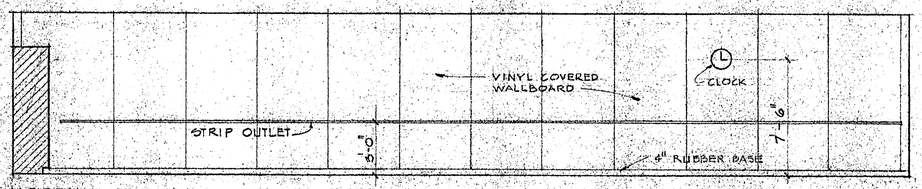
EAST ELEVATION

SOUTH ELEVATION

WEST ELEVATION

PARENT EDUCATION BUILDING

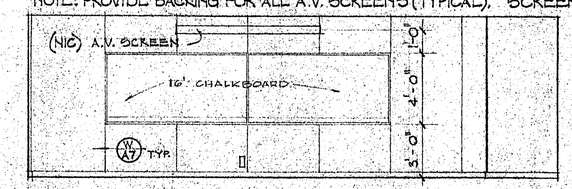
SCALE : 1/8" = 1'-0"



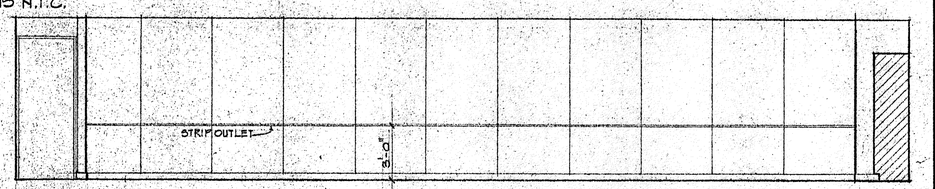
NORTH

SECRETARIAL CLASSROOM #1

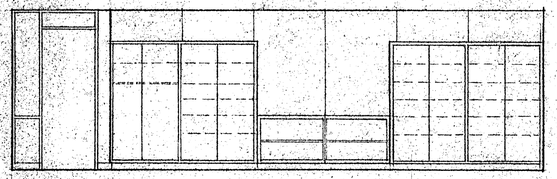
NOTE: PROVIDE BACKING FOR ALL A.V. SCREENS (TYPICAL). SCREENS N.I.C.



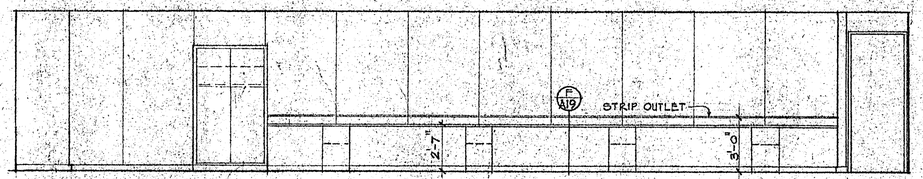
EAST



SOUTH

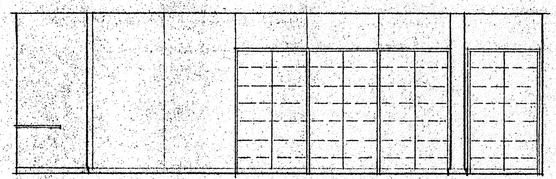


WEST



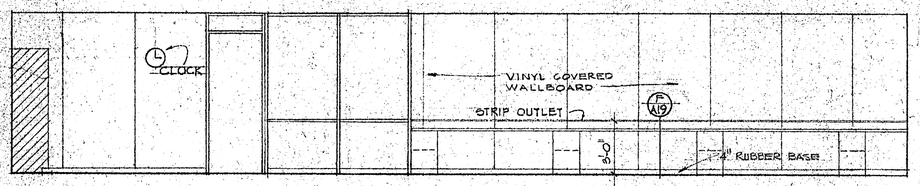
NORTH

SECRETARIAL CLASSROOM #2

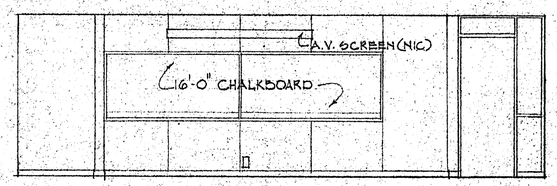


EAST

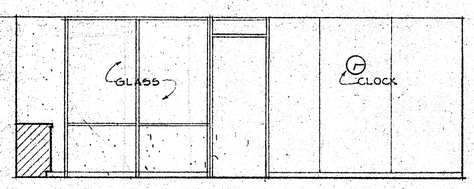
(A)



SOUTH

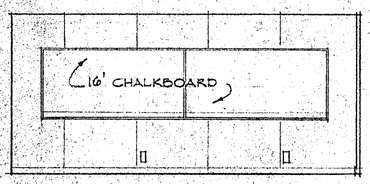


WEST

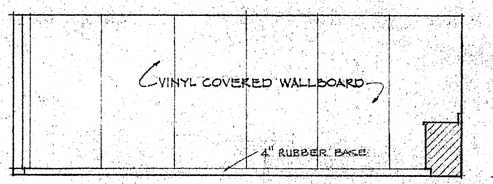


NORTH

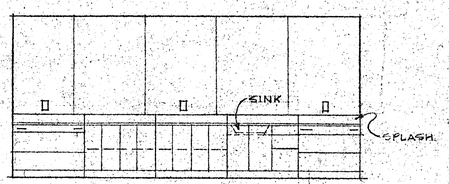
KEYPUNCH ROOM



EAST



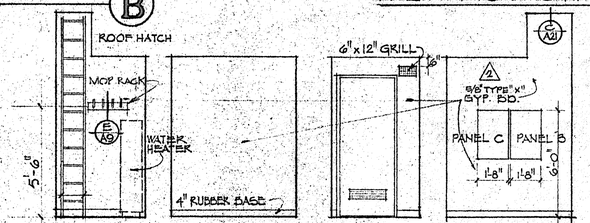
SOUTH



WEST

(C)

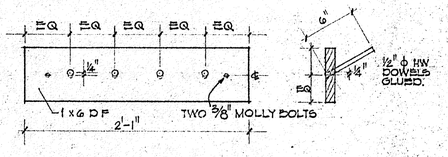
(B)



NORTH EAST SOUTH WEST

CUSTODIAN ROOM #1

(D)



MOP RACK DETAIL

1½" = 1'-0"

(E)

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

2 REVISION JULY 10, 1973 THE PROTECTION CUST#1(D)

APPROVED
DEPARTMENT OF EDUCATION
SAN DIEGO COUNTY
APR 2 1973
Mary Ellen Sibbet, Assistant Secretary to the Board of Education
By Direction
Superintendent of Schools

APPROVED
36151 APPROVED
For the Board

APPROVED BY
DISTRICT BOARD OF TRUSTEES
GROSSMONT UNION HIGH SCHOOL DISTRICT
By
Authorized Agent of the Governing Board

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
DEC 1 1972
By

ARTHUR D. DECKER, ARCHITECT

EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

ARCHITECT C-1166

ADULT EDUCATION FACILITY

GROSSMONT UNION HIGH SCHOOL DISTRICT

1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIFORNIA

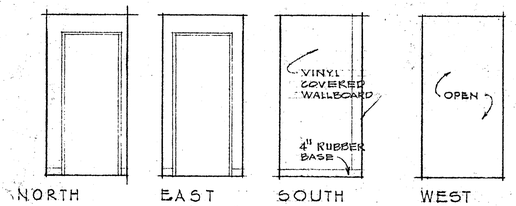
EXTERIOR ELEVATIONS & INTERIOR ELEVATIONS

DATE DEC. 1972

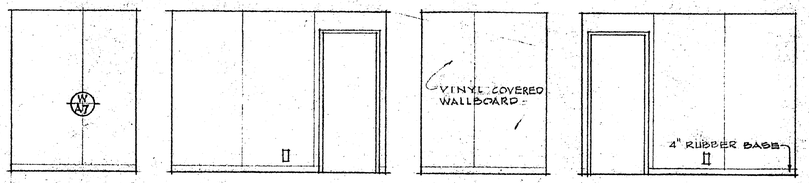
DRAWN BY

JOB 696

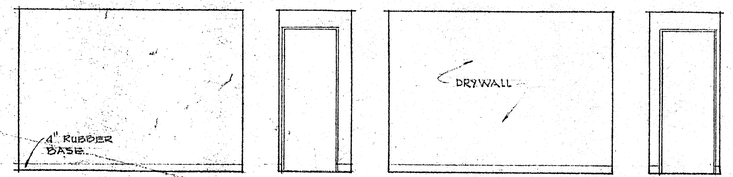
SHEET A9 OF



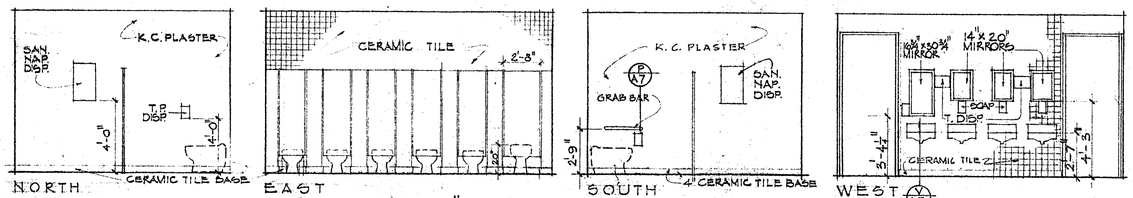
VESTIBULE #1 — A



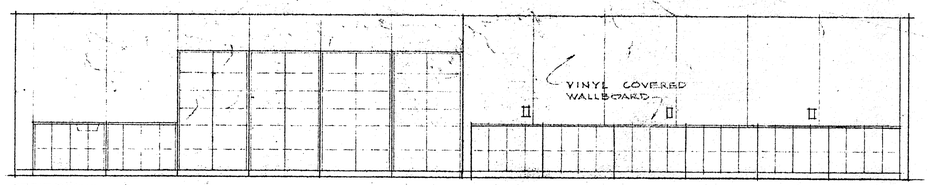
WOMEN'S LOUNGE #1 — B



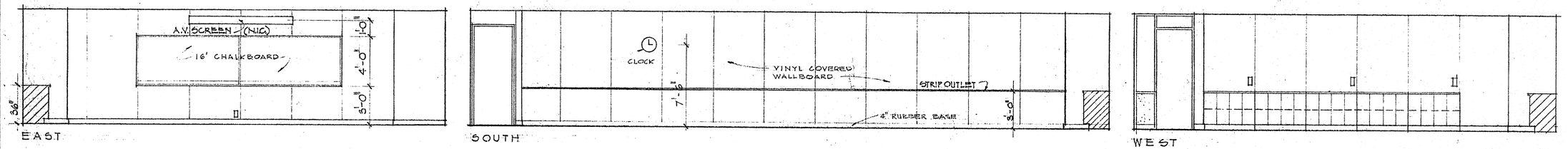
VESTIBULE #2 — C



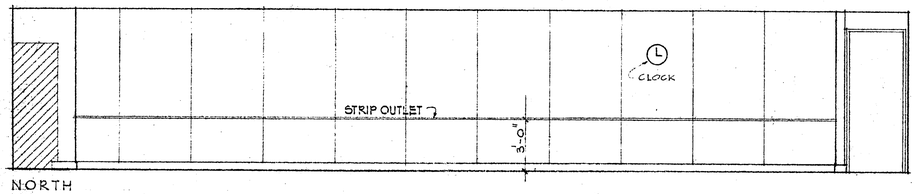
WOMEN'S TOILET #1 — D

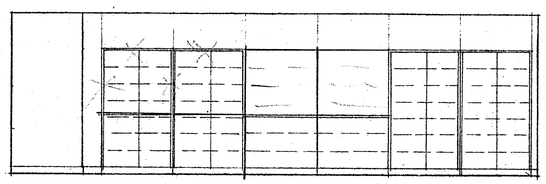


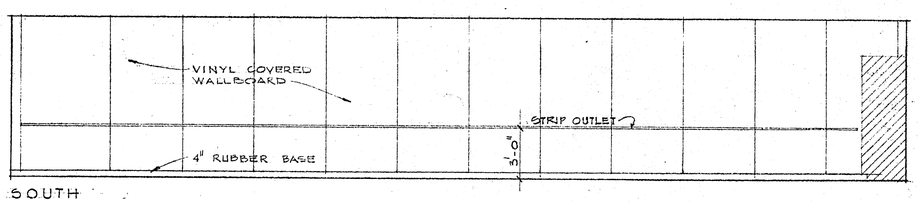
SECRETARIAL CLASSROOM #3



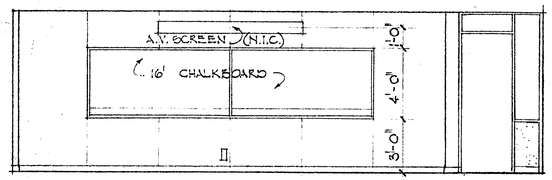
E







SECRETARIAL CLASSROOM #4



F

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

APPROVED
DEPARTMENT OF EDUCATION
SACRAMENTO, CALIFORNIA

36131 APPROVED JUL 22 19

APPROVED BY
DISTRICT BOARD OF TRUSTEES

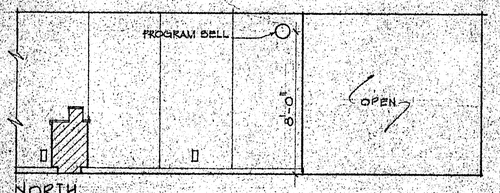
APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA

ARTHUR D. DECKER, ARCHITECT
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

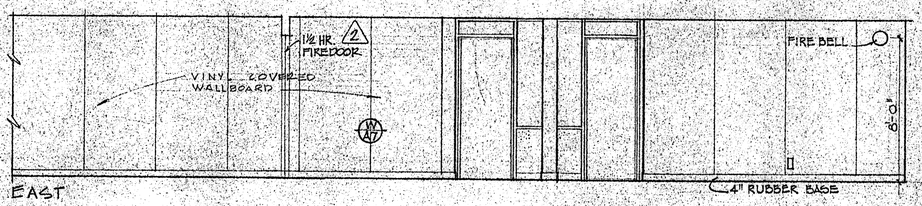
ARCHITECT C-1168

ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIFORNIA
INTERIOR ELEVATIONS

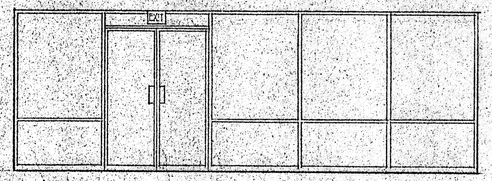
DATE DEC. 1972
DRAWN BY
JOB 69-6
SHEET A10
OF



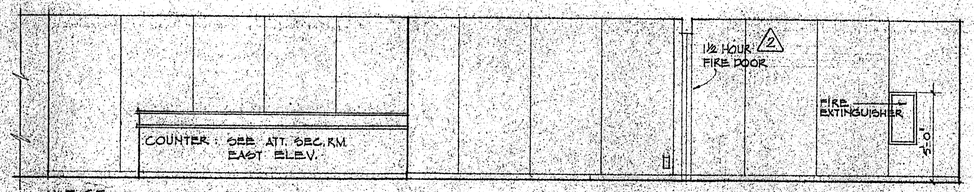
NORTH
ENTRY



EAST

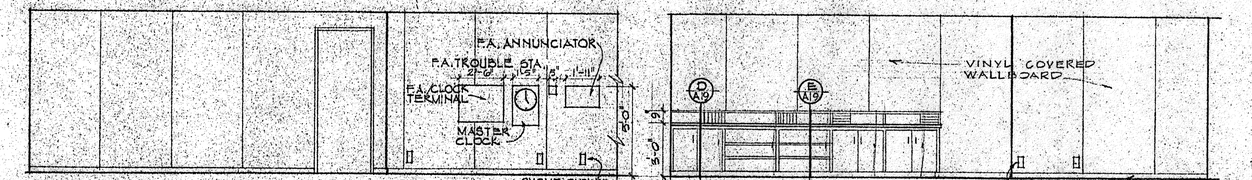


SOUTH



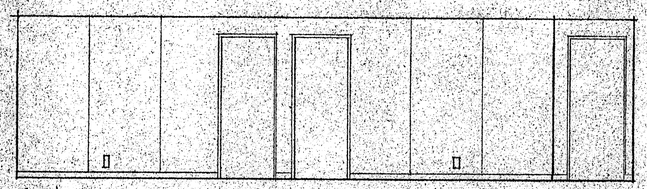
WEST

A

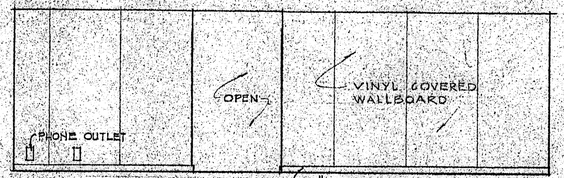


NORTH
ATTENDANCE SEC.

EAST

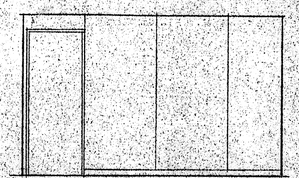


SOUTH

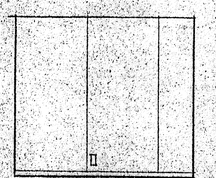


WEST

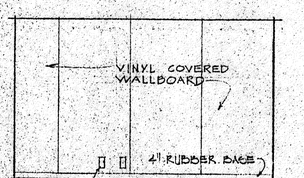
B



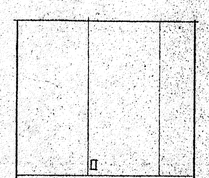
NORTH



EAST



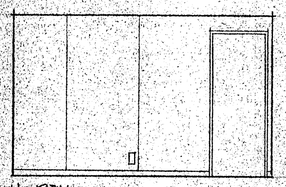
SOUTH



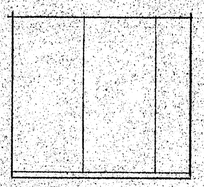
WEST

PRINCIPAL

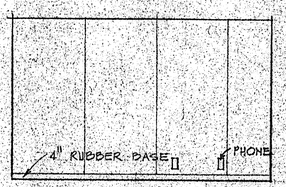
C



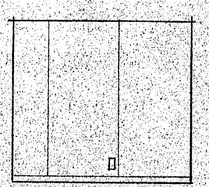
NORTH



EAST



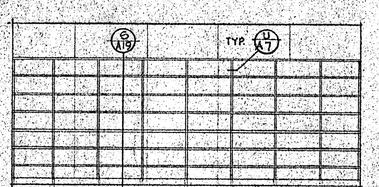
SOUTH



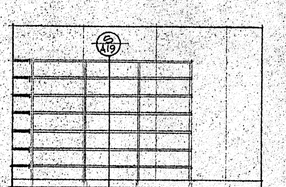
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COUNSELING

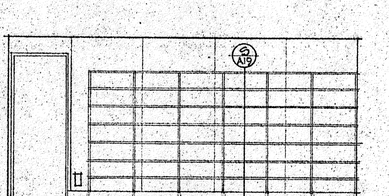
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NORTH

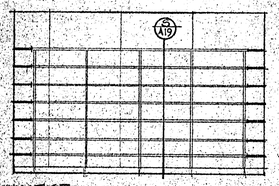


EAST



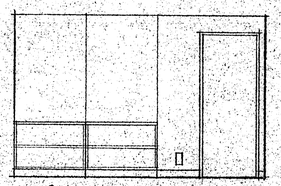
SOUTH

BOOKS

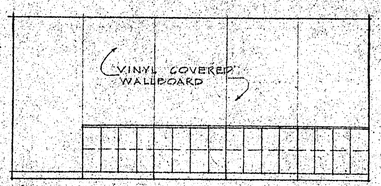


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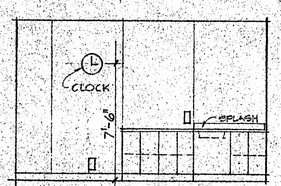
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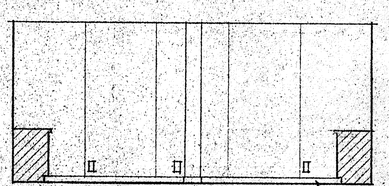
NORTH



EAST



SOUTH



WEST

DUPLICATING

F

2 REVISION 10 JULY 73 BEC
1½ HOUR FIRE DOOR

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

APPROVED
DEPARTMENT OF EDUCATION
SAN DIEGO COUNTY
By ... Date ...

APPROVED BY DISTRICT BOARD OF TRUSTEES
GROSSMONT UNION HIGH SCHOOL DISTRICT
By ... Authorized Agent of the Governing Board

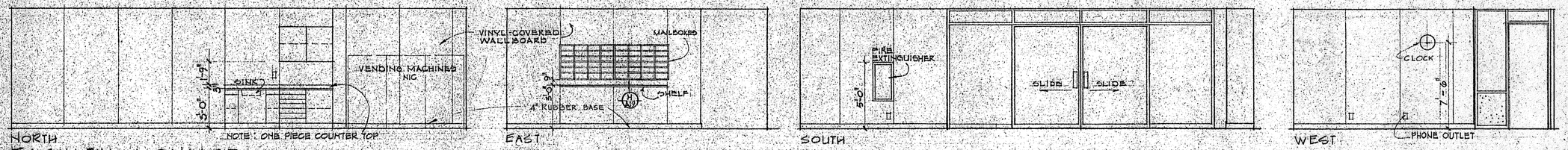
APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
By ... Date JUN 1973

ARTHUR D. DECKER, ARCHITECT
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

ARCHITECT C-1168

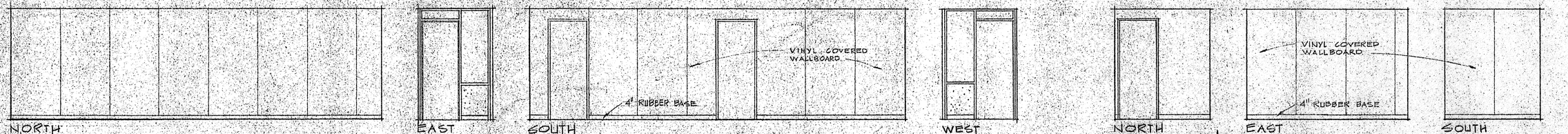
ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIFORNIA
INTERIOR ELEVATIONS

DATE DEC. 1972
DRAWN BY
JOB 69-6
SHEET A11
OF



FACULTY LOUNGE

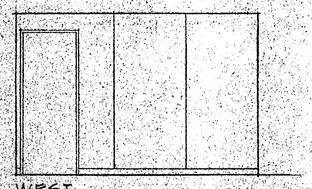
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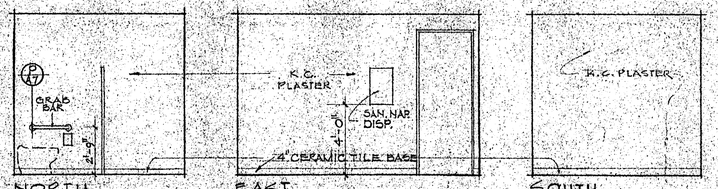
HALL #1

B

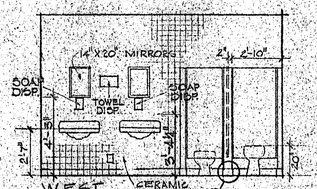
WOMEN'S LOUNGE #2



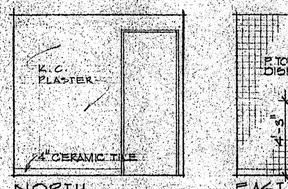
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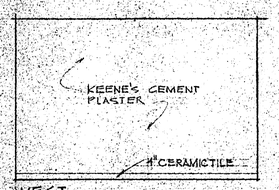
WOMEN'S TOILET #2



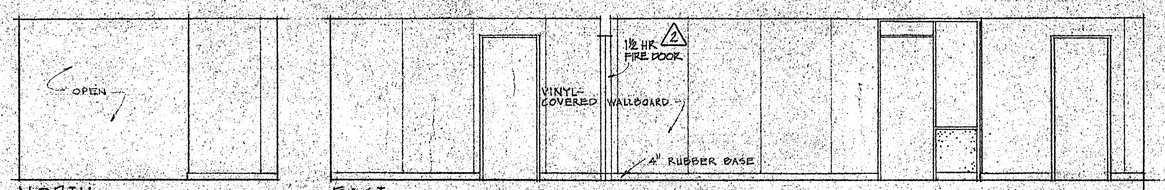
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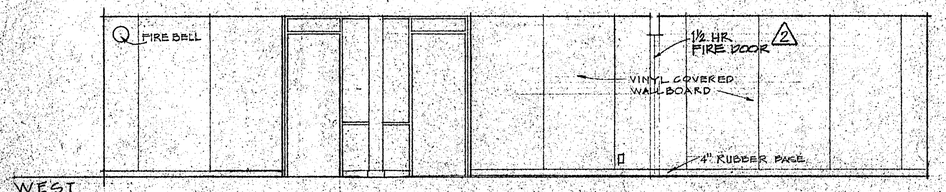
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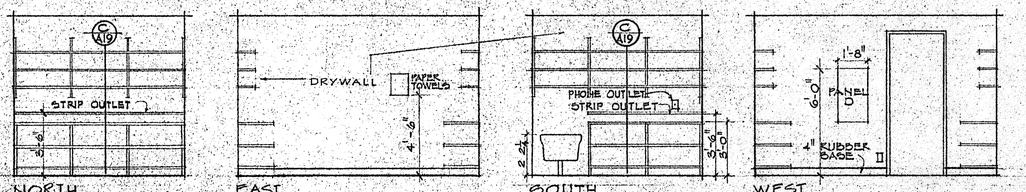
E



HALL #2



F



CUSTODIAN ROOM #2

G

2 REVISION 10 JULY 73 BEC
1½ HR. FIRE DOOR

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

APPROVED
DEPARTMENT OF EDUCATION
SAN DIEGO COUNTY
A-2-10

36181 APPROVED JUL 2 1973

APPROVED BY
DISTRICT BOARD OF TRUSTEES
GROSSMONT UNION HIGH SCHOOL DISTRICT
By [signature]
Authorized Agent of the Governing Board

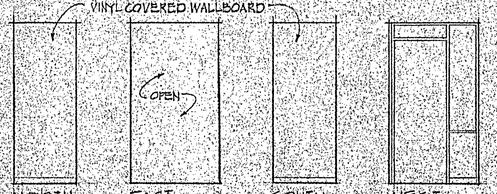
APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA

ARTHUR D. DECKER, ARCHITECT
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

[signature]
ARCHITECT C-1168

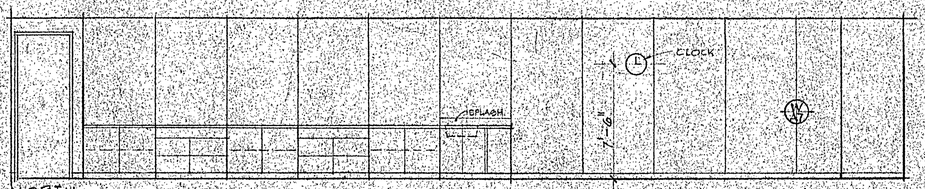
ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIFORNIA
INTERIOR ELEVATIONS

DATE DEC. 1972
DRAWN BY
JOB 69-6
SHEET A12
OF

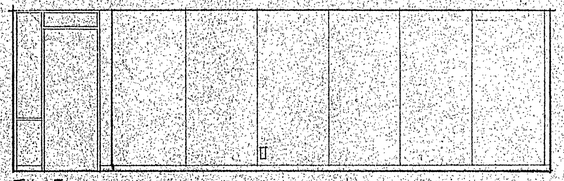


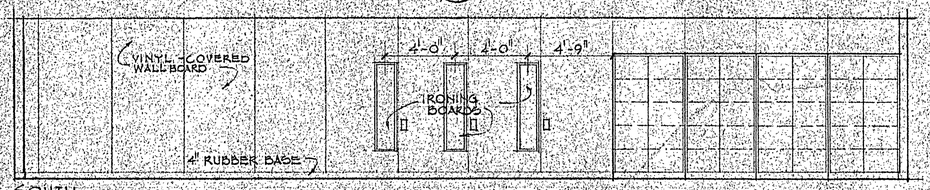
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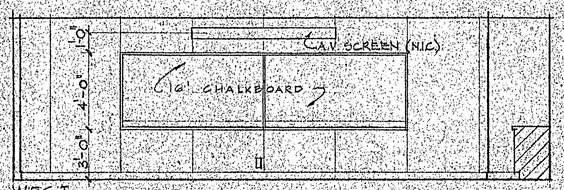
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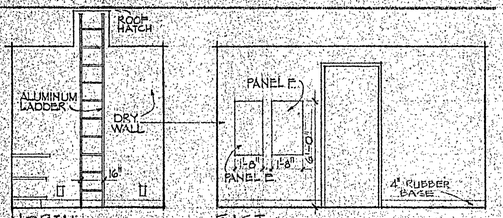
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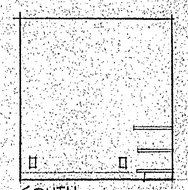




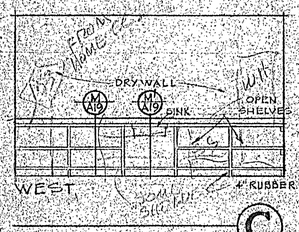


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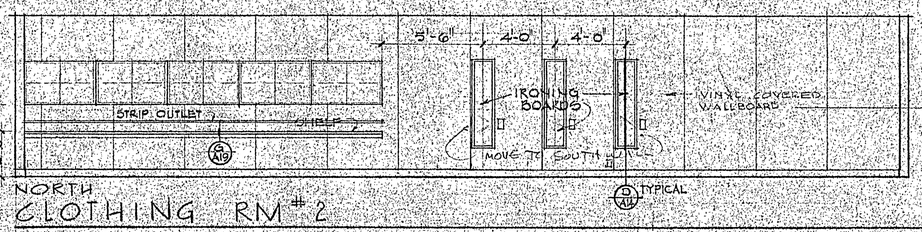




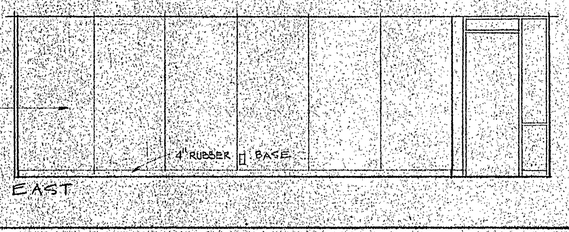
CUSTODIAN ROOM #3

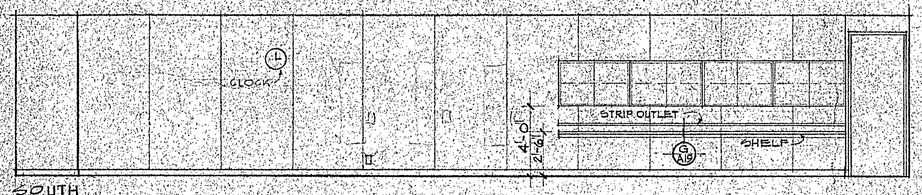


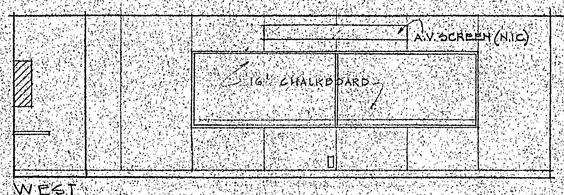
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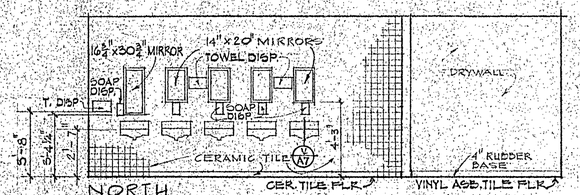
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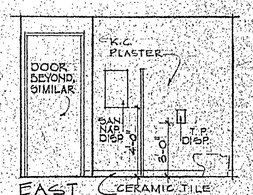


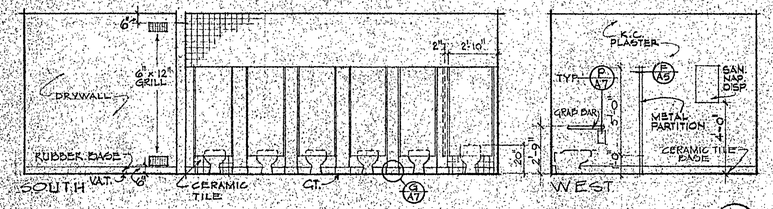


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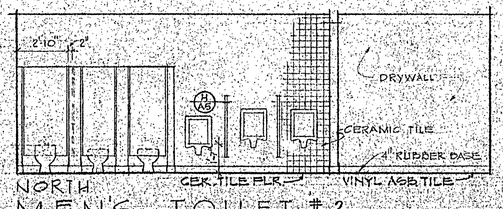


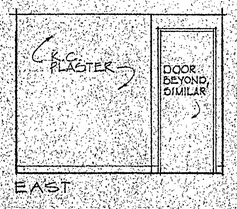
WOMEN'S TOILET #3

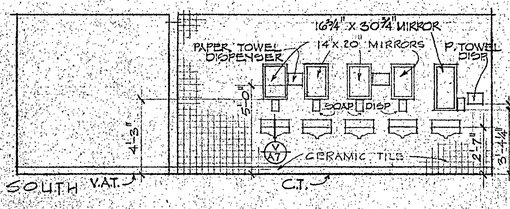


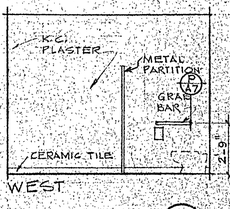


E









F

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

APPROVED BY DISTRICT BOARD OF TRUSTEES

ARTHUR D. DECKER, ARCHITECT

EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

ARCHITECT C-1165

ADULT EDUCATION FACILITY

GROSSMONT UNION HIGH SCHOOL DISTRICT

1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIFORNIA

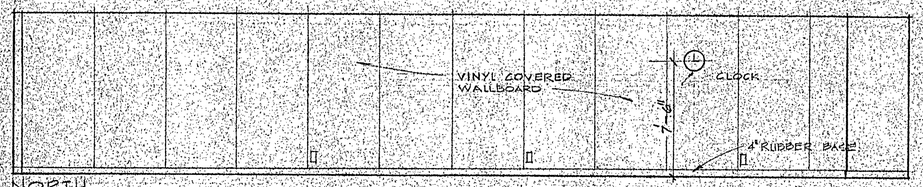
INTERIOR ELEVATIONS

DATE DEC. 1972

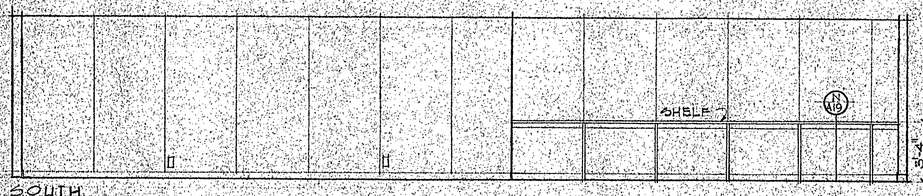
DRAWN BY

JOB 69-6

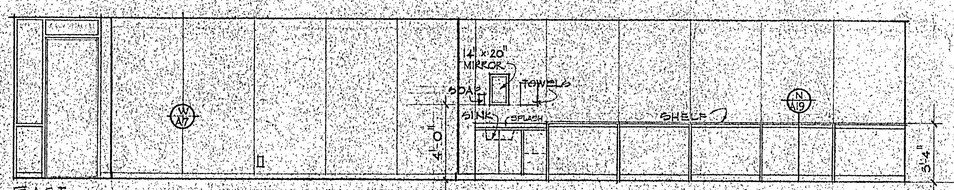
SHEET A13 OF



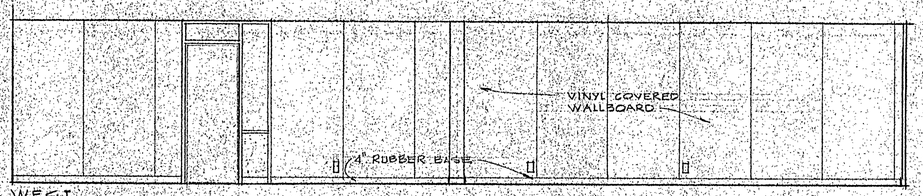
NORTH



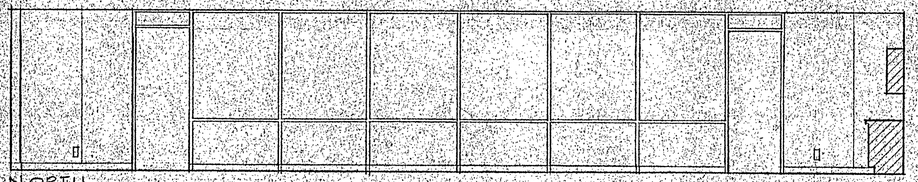
SOUTH



EAST

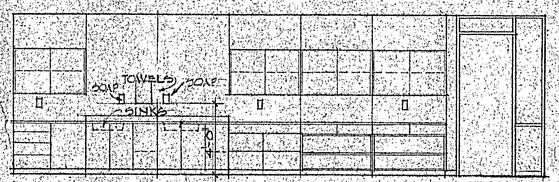


WEST



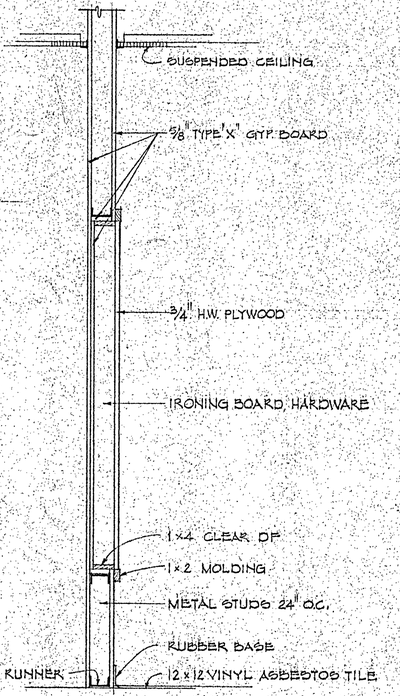
NORTH

ART CLASSROOM #1



EAST

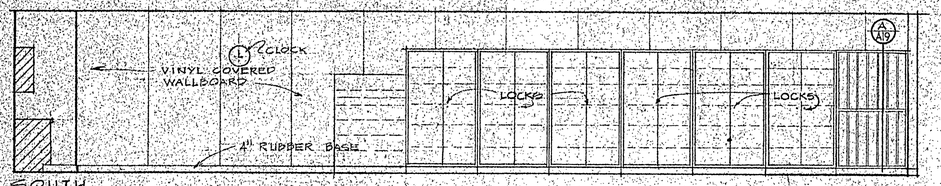
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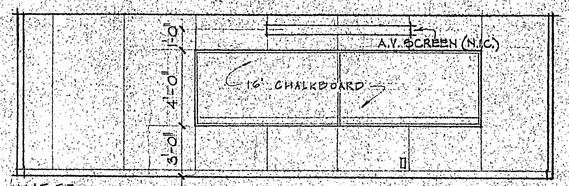
IRONING BOARD DETAIL

1" = 1'-0"

D

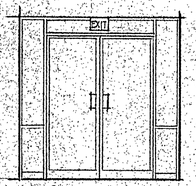


SOUTH



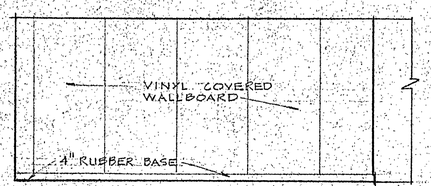
WEST

B

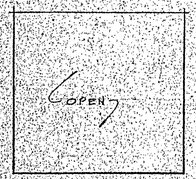


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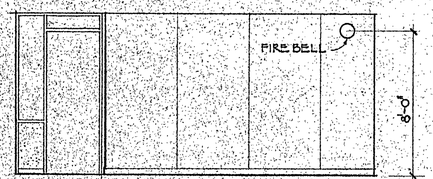
HALL #3



EAST



SOUTH



WEST

C

SCALE: ¼" = 1'-0"

APPROVED
DEPARTMENT OF EDUCATION
SAN DIEGO COUNTY
APR 20 1973
These final plans approved for reinforced masonry per Ed. Code Section 15460
W. TED DIXON

36131 APPROVED [illegible]

APPROVED BY DISTRICT BOARD OF TRUSTEES
GROSSMONT UNION HIGH SCHOOL DISTRICT
By [illegible]
Authorized Agent of the Governing Board

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
By [illegible]
Date

ARTHUR D. DECKER, ARCHITECT

EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

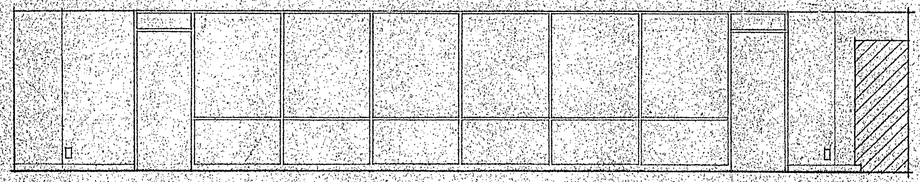
ARCHITECT C-1168

ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIFORNIA

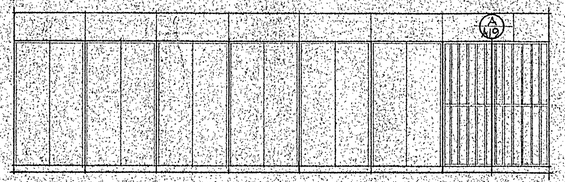
INTERIOR ELEVATIONS

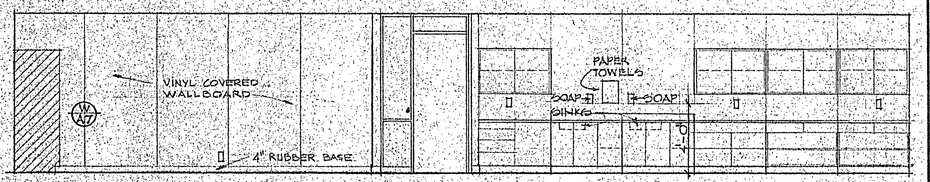
DATE: DEC. 1972
DRAWN BY
JOB: 69-6

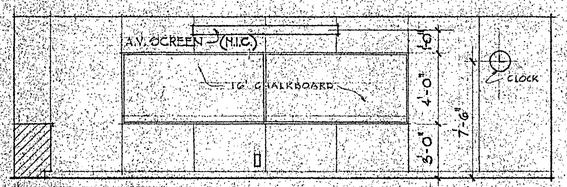
SHEET: A14
OF



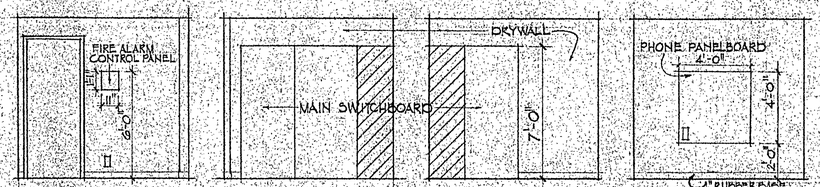
ART CLASSROOM #2





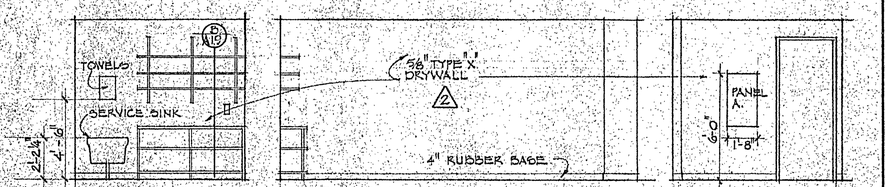


A

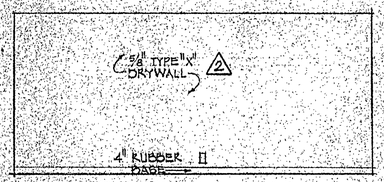


ELECTRICAL ROOM

B



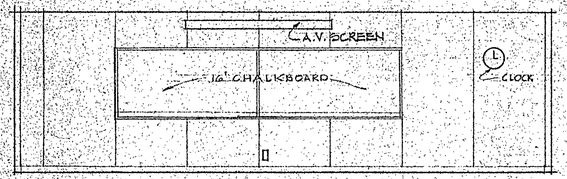
CUSTODIAN ROOM #4



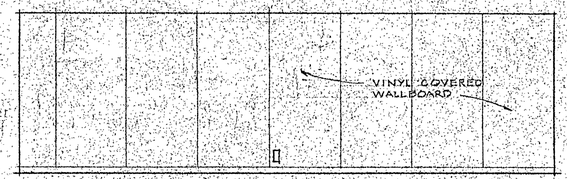
C

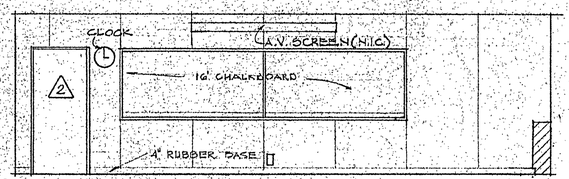


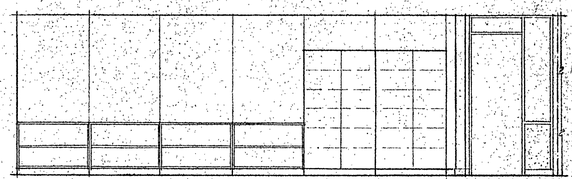
SPEECH CLASSROOM



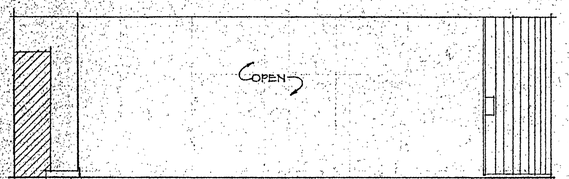
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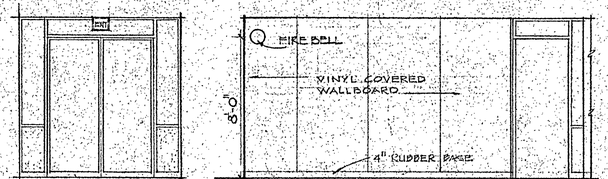


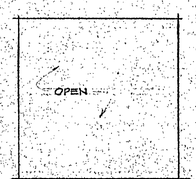


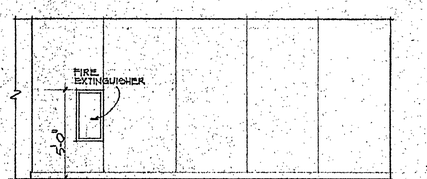
CLASSROOM #1



E







HALL #4

F

2 REVISION : 10 JULY 73 ; ADDITIONAL EXITS, 5/8" TYPE "X" DRYWALL

APPROVED
DEPARTMENT OF EDUCATION
SAN DIEGO COUNTY
APR 2 1973
Those final plans, consisting of ... conform with the ... Code Section 15051.
Ed Dixon
Superintendent of Schools

APPROVED JUL 22 1973
Application No. 36181
Division of the State Architect

APPROVED BY DISTRICT BOARD OF TRUSTEES
GROSSMONT UNION HIGH SCHOOL DISTRICT
By ... Assistant Secretary of the Governing Board

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
JUL 19 1973
By ...

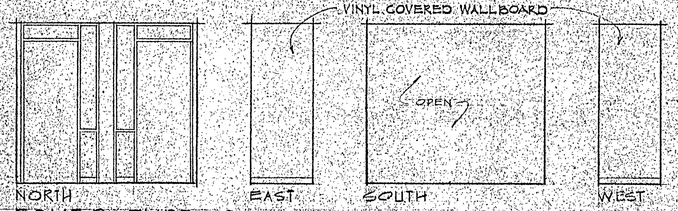
SCALE : 1/4" = 1'-0"

ARTHUR D. DECKER, ARCHITECT
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

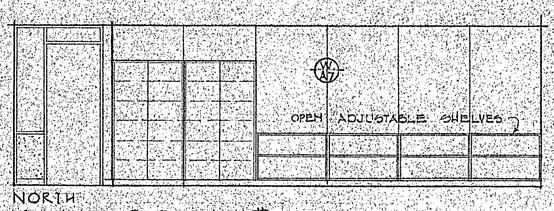
ARCHITECT C-11168

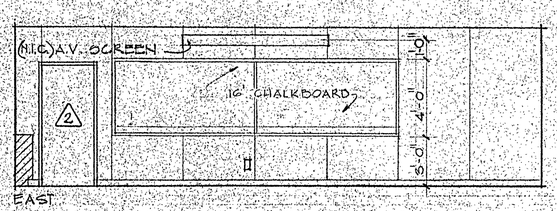
ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIFORNIA
INTERIOR ELEVATIONS

DATE DEC. 1972
DRAWN BY
JOB 69:6
SHEET A15
OF

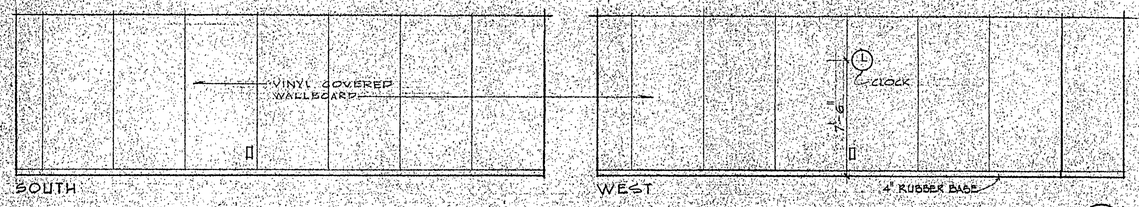


FOYER TYPE 2 — A

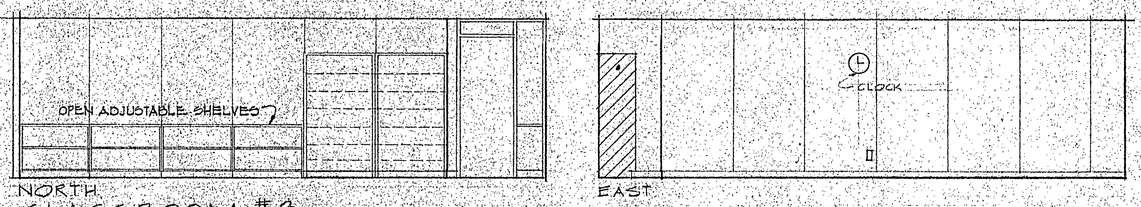




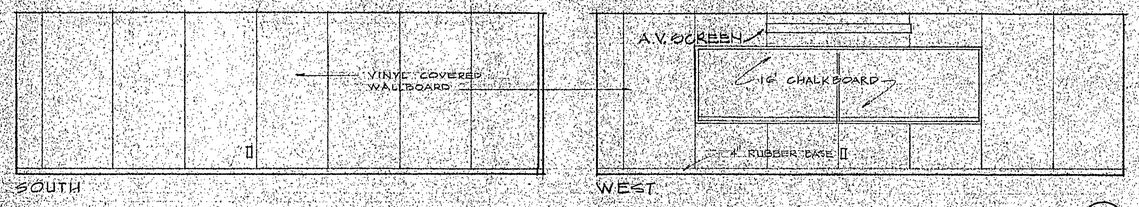
CLASSROOM # 2



B



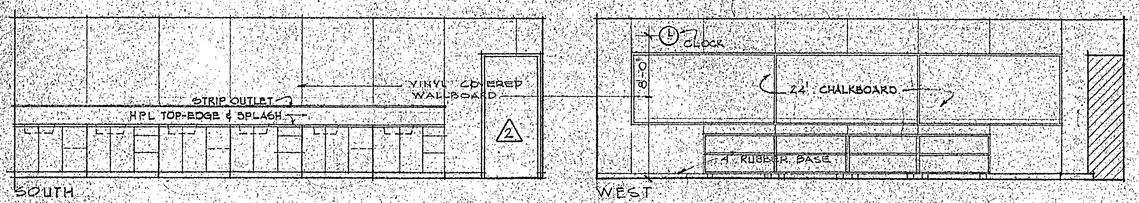
CLASSROOM # 3



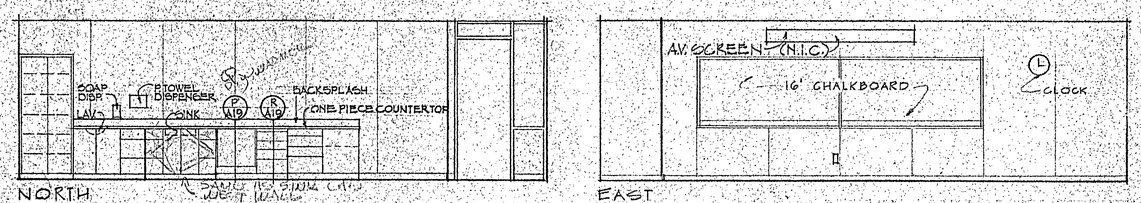
C



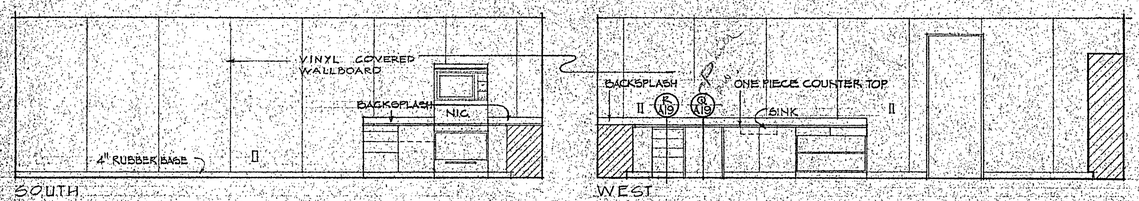
SCIENCE



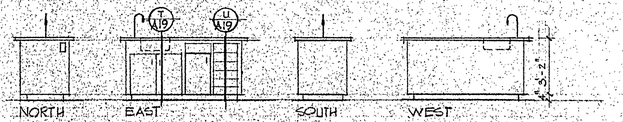
D



HOME ECONOMICS



E



DEMONSTRATION TABLE - (SCIENCE) — F

1/4" = 1'-0"

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

2 REVISION, 10 JULY 73; ADDITIONAL EXITS

APPROVED
DEPARTMENT OF EDUCATION
SAN DIEGO COUNTY
APR 6 1973
A. TED DITCH
Superintendent of Schools

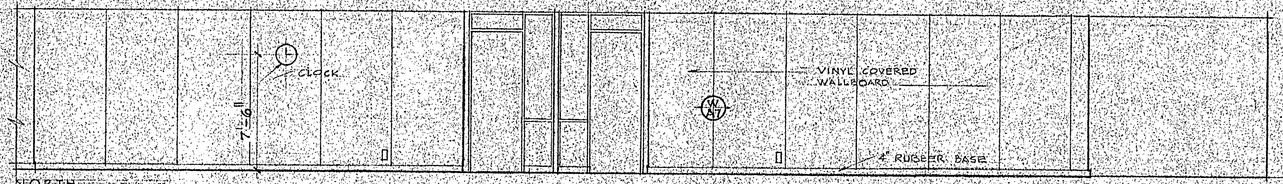
APPROVED BY
DISTRICT BOARD OF TRUSTEES
GROSSMONT UNION HIGH SCHOOL DISTRICT

ARCHITECT
STATE OF CALIFORNIA
C-1168

ARTHUR D. DECKER, ARCHITECT
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

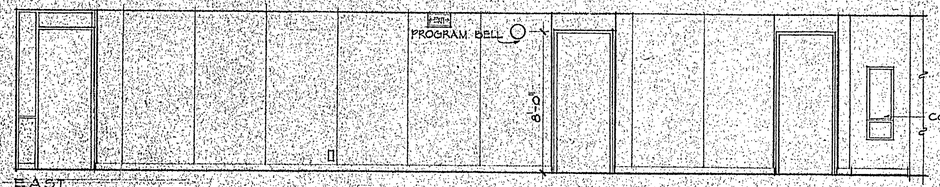
ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIFORNIA
INTERIOR ELEVATIONS

DATE DEC. 1972
DRAWN BY
JOB 69-6
SHEET A16
OF

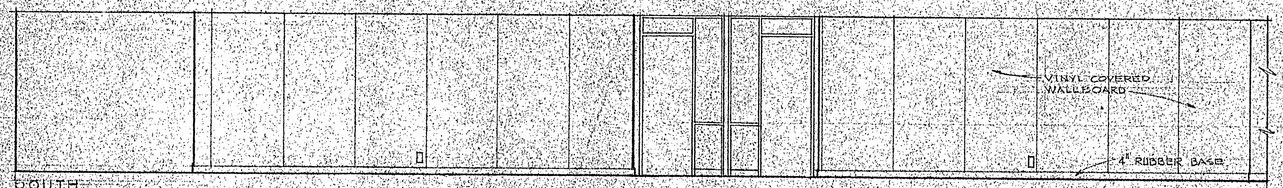


NORTH

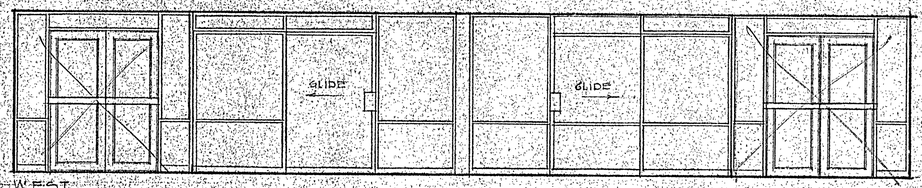
LOBBY



EAST

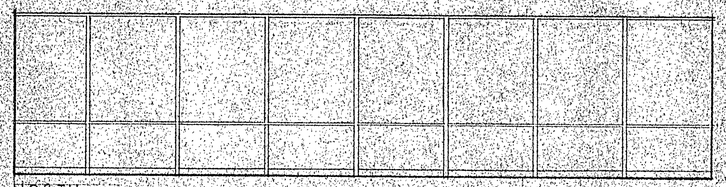


SOUTH

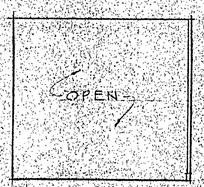


WEST

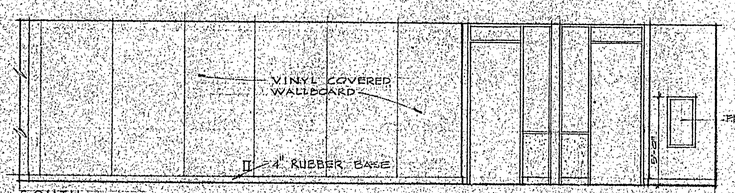
A



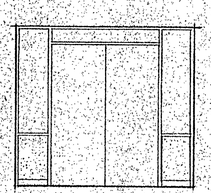
NORTH



WEST



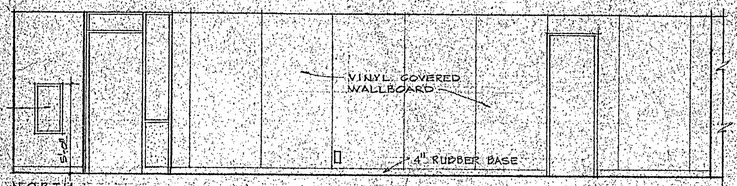
SOUTH



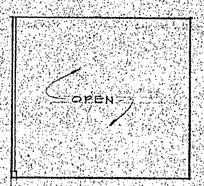
EAST

HALL #5

B



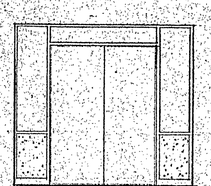
NORTH



WEST



SOUTH



EAST

HALL #6

C

SCALE 1/4" = 1'-0"

APPROVED
DEPARTMENT OF EDUCATION
SAN DIEGO COUNTY
APR 25 1973

APPROVED JUL 2 1973

APPROVED BY
DISTRICT BOARD OF TRUSTEES
GROSSMONT UNION HIGH SCHOOL DISTRICT
By
Authorized Agent of the Governing Board

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
JUL 1973

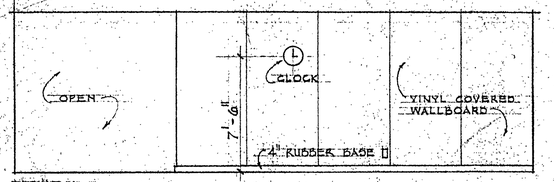
ARTHUR D. DECKER, ARCHITECT
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

ARCHITECT C-1168

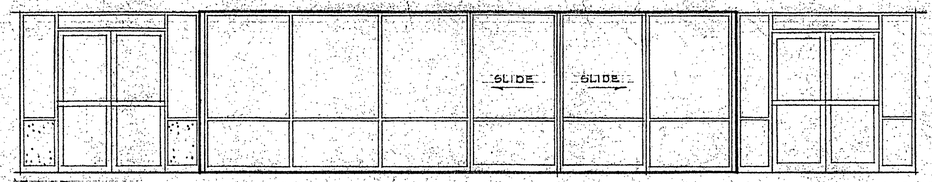
ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIFORNIA

INTERIOR ELEVATIONS

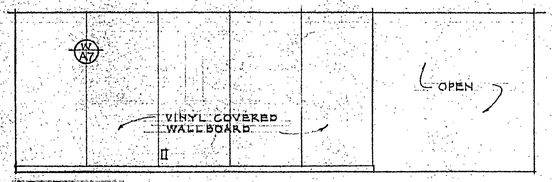
DATE DEC. 1972
DRAWN BY
JOB 69-6
SHEET A17
OF



NORTH

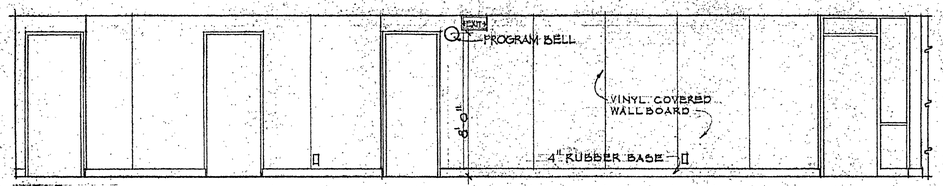


EAST

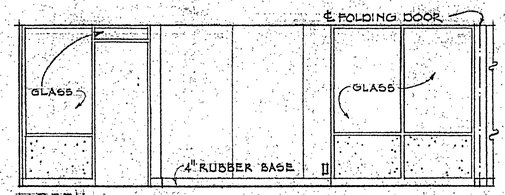


SOUTH

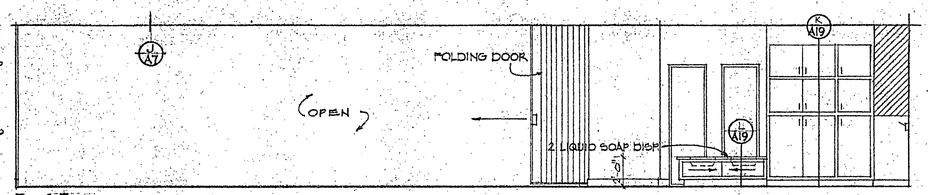
STUDENT LOUNGE



WEST



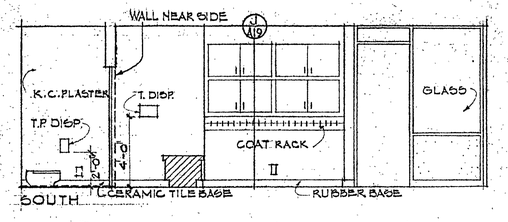
NORTH



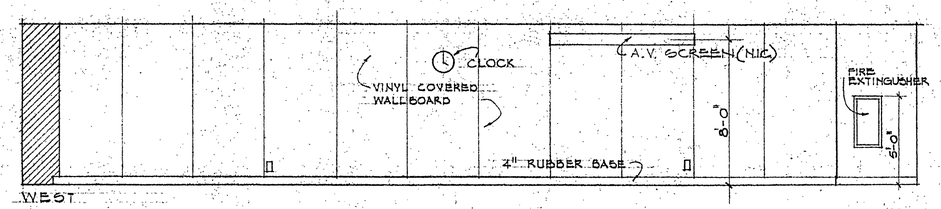
EAST

PARENT EDUCATION ROOM #1

(A)

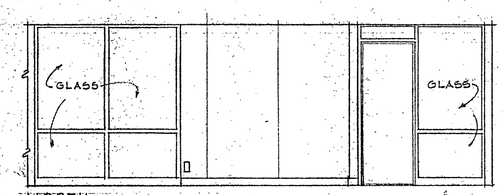


SOUTH



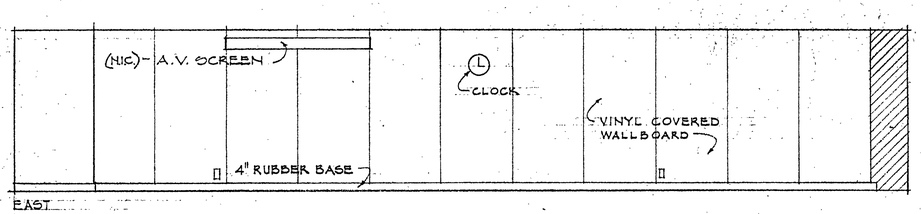
WEST

(B)

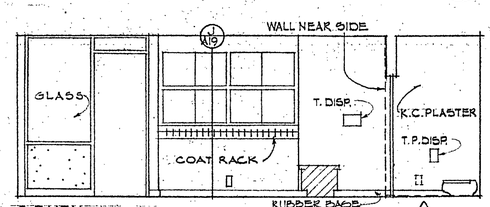


NORTH

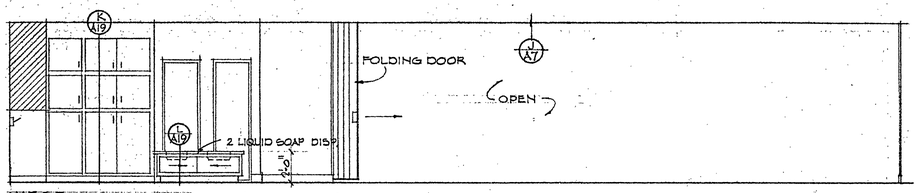
PARENT EDUCATION ROOM #2



EAST

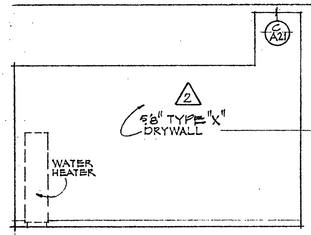


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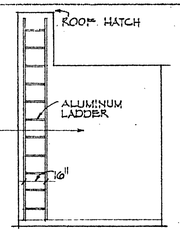


WEST

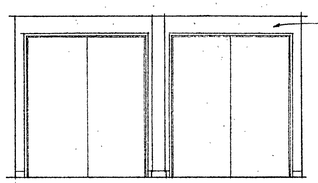
(C)



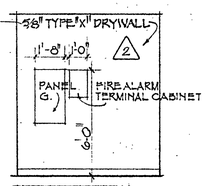
NORTH



EAST



SOUTH



WEST

CUSTODIAN ROOM #5

(D)

2 REVISION 10 JULY 73 BEC: 5/8" TYPE "X" DRYWALL, DELETE CERAMIC TILE BASE.

APPROVED
DEPARTMENT OF EDUCATION
SAN DIEGO COUNTY
APPROVED
ALFRED DIXON

STATE OF CALIFORNIA — DEPARTMENT OF INDUSTRIAL RELATIONS
OFFICE OF THE STATE FIRE MARSHAL
36131 APPROVED JUL 23 1973
APPLICATION NO. FOR STATE FIRE MARSHAL

APPROVED BY
DISTRICT BOARD OF TRUSTEES
GROSSMONT UNION HIGH SCHOOL DISTRICT
By _____
Authorized Agent of the Governing Board

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
JUL 23 1973
By _____

ARTHUR D. DECKER, ARCHITECT

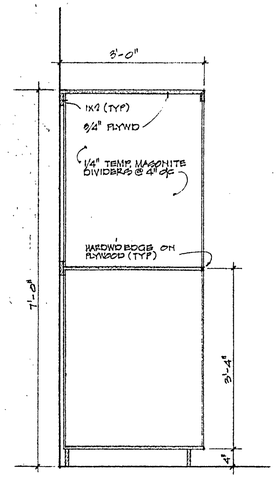
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

ARCHITECT C-1168

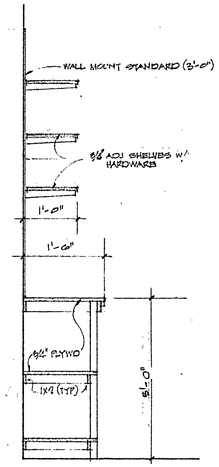
ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIFORNIA

INTERIOR ELEVATIONS

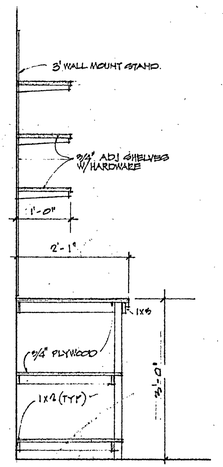
DATE DEC. 1972
DRAWN BY
JOB 69-6
SHEET A18
OF



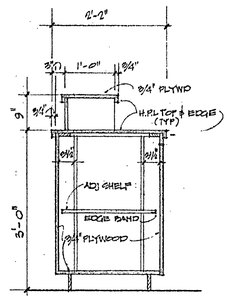
A



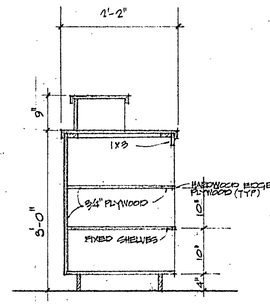
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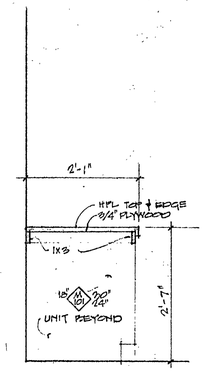
C



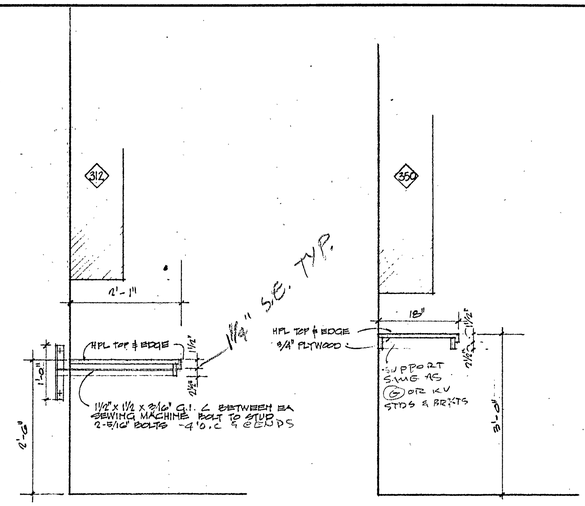
D



E



F



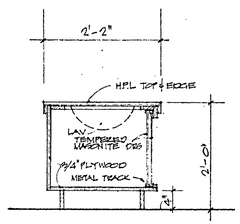
G

H

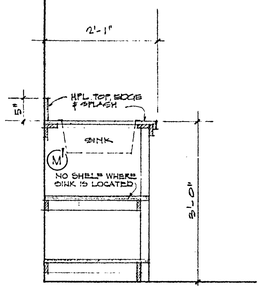
3/4" = 1'-0"

J

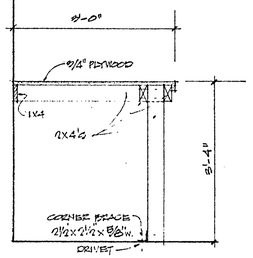
K



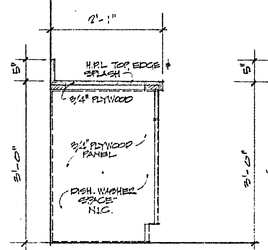
L



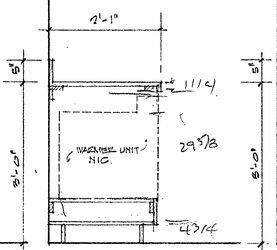
M M'



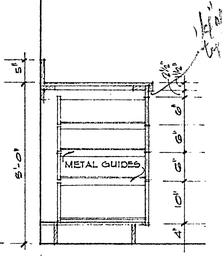
N



P



Q



R

S

T

U

3/4" = 1'-0"

NOTE: SECURE CABINETS TO WALL WITH TYPE 'S' SCREWS FOR METAL STUDS.

APPROVED BY DISTRICT BOARD OF TRUSTEES.

APPROVED STATE FIRE MARSHAL STATE OF CALIFORNIA JUL 30 1973 BY

36121 APPROVED JUL 23 1973

ARTHUR D. DECKER, ARCHITECT

EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

Arthur D. Decker
ARCHITECT C-1168

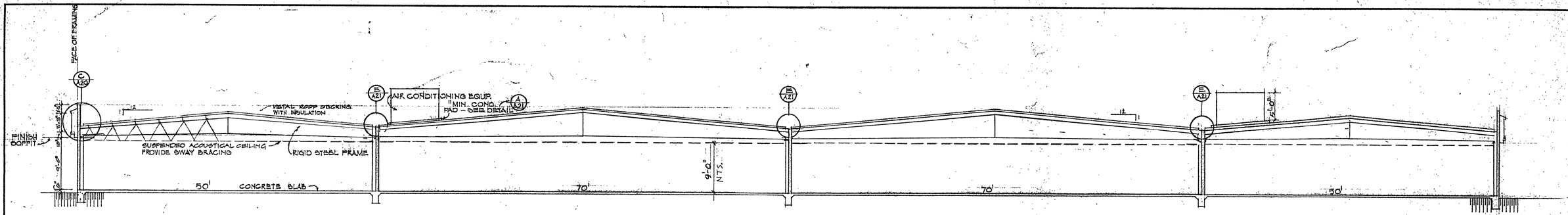
ADULT EDUCATION FACILITY

GROSSMONT UNION HIGH SCHOOL DISTRICT

1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIFORNIA

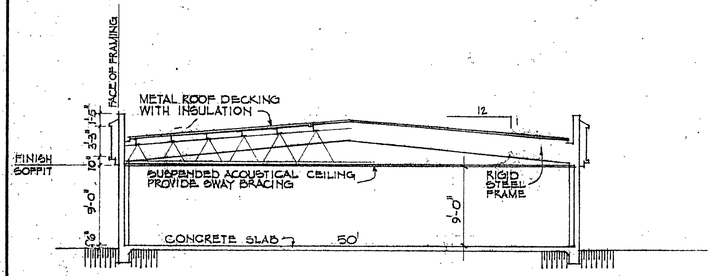
CABINET SECTIONS

DATE DEC 1972
DRAWN BY
JOB 69.61
SHEET A19 OF



SECTIONS

1/8" = 1'-0"



SECTIONS

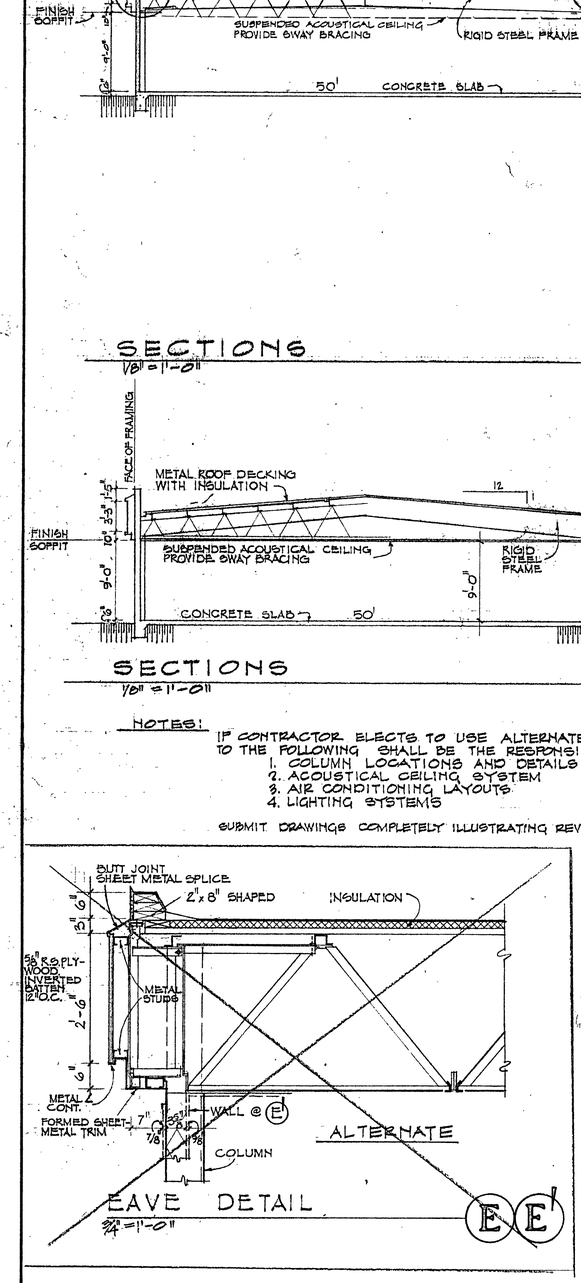
1/8" = 1'-0"

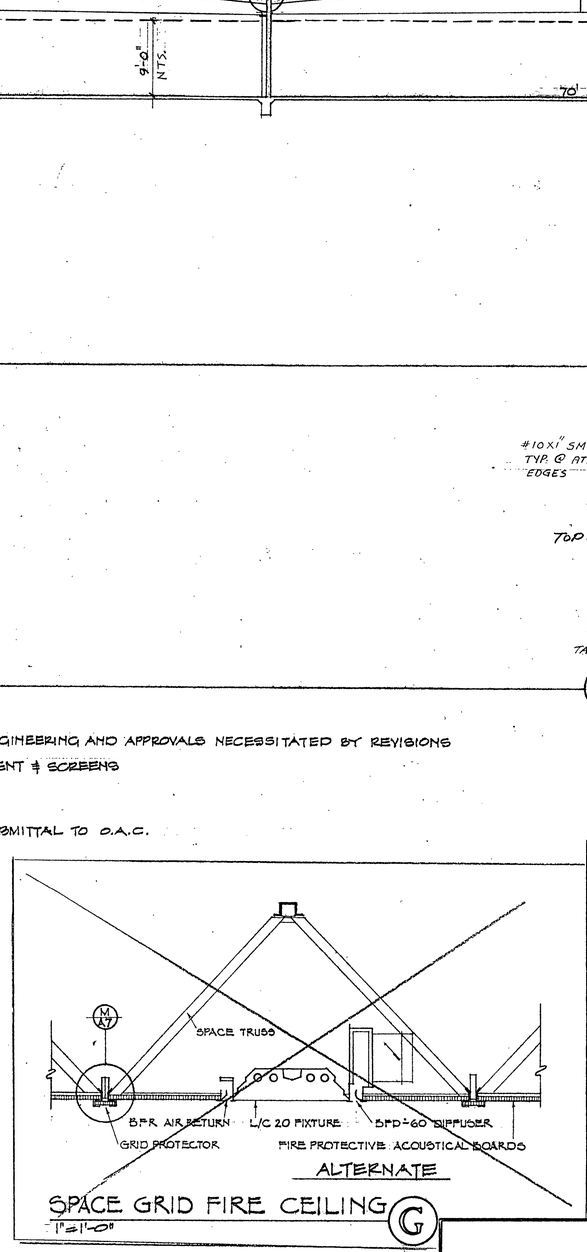
NOTES:

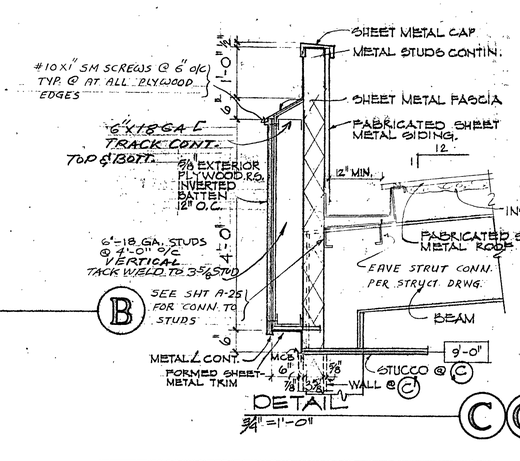
IF CONTRACTOR ELECTS TO USE ALTERNATE STRUCTURE SYSTEM SHOWN ABOVE, ALL ENGINEERING AND APPROVALS NECESSITATED BY REVISIONS TO THE FOLLOWING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR:

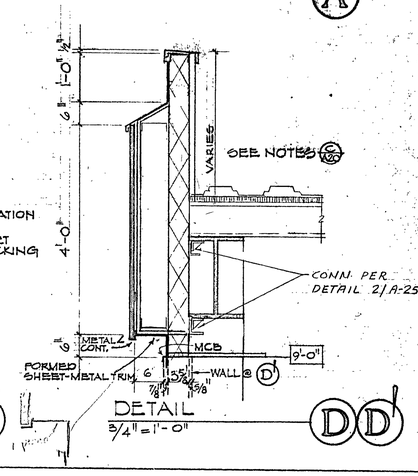
1. COLUMN LOCATIONS AND DETAILS
2. ACOUSTICAL CEILING SYSTEM
3. AIR CONDITIONING LAYOUTS
4. LIGHTING SYSTEMS
5. LOCATION OF MECHANICAL EQUIPMENT & SCREENS
6. ROOF DRAINAGE
7. FOUNDATIONS

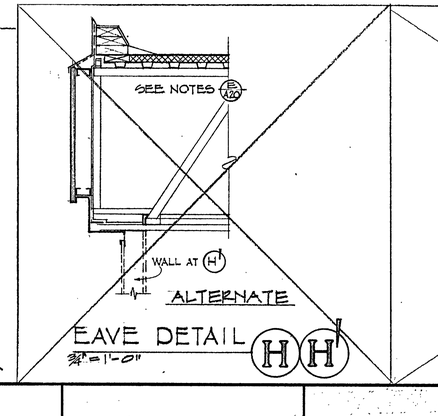
SUBMIT DRAWINGS COMPLETELY ILLUSTRATING REVISIONS FOR ARCHITECT'S APPROVAL PRIOR TO SUBMITTAL TO D.A.C.

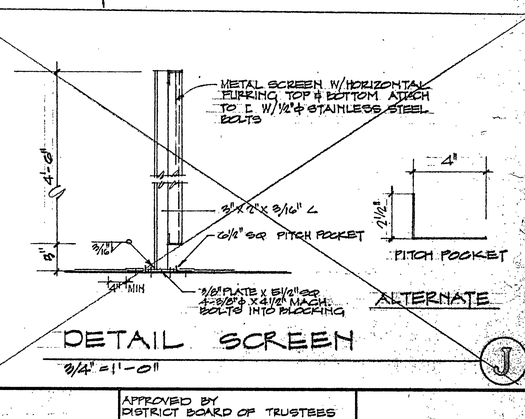












APPROVED BY DISTRICT BOARD OF TRUSTEES
GROSSMONT UNION HIGH SCHOOL DISTRICT
By _____
Authorized Agent of the Governing Board

APPROVED
STATE OF CALIFORNIA
By _____

ARTHUR D. DECKER, ARCHITECT
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

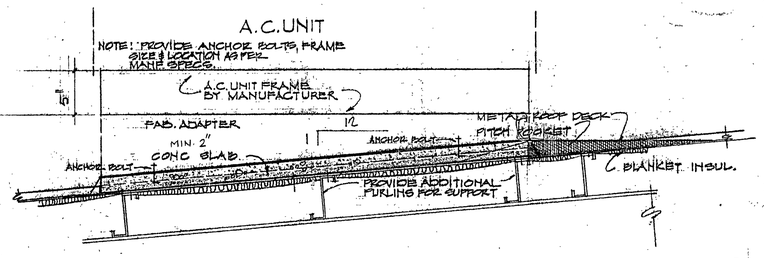
Arthur D. Decker
ARCHITECT C-11168

ADULT EDUCATION FACILITY

GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIFORNIA

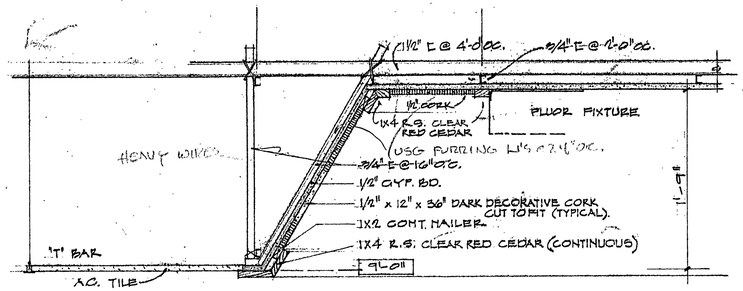
SECTIONS & DETAILS

DATE DEC. 1972
DRAWN BY
JOB 69-6
SHEET A20
OF

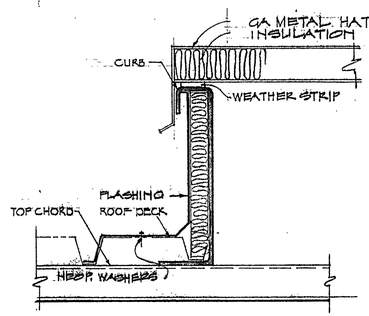


DETAIL
1½" = 1'-0"
A

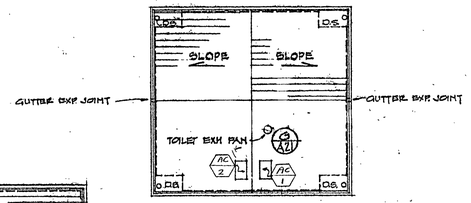
NOTE:
SEE SHT. A-26 FOR SLAB ANCHORAGE TO ROOF FRAMING MEMBERS

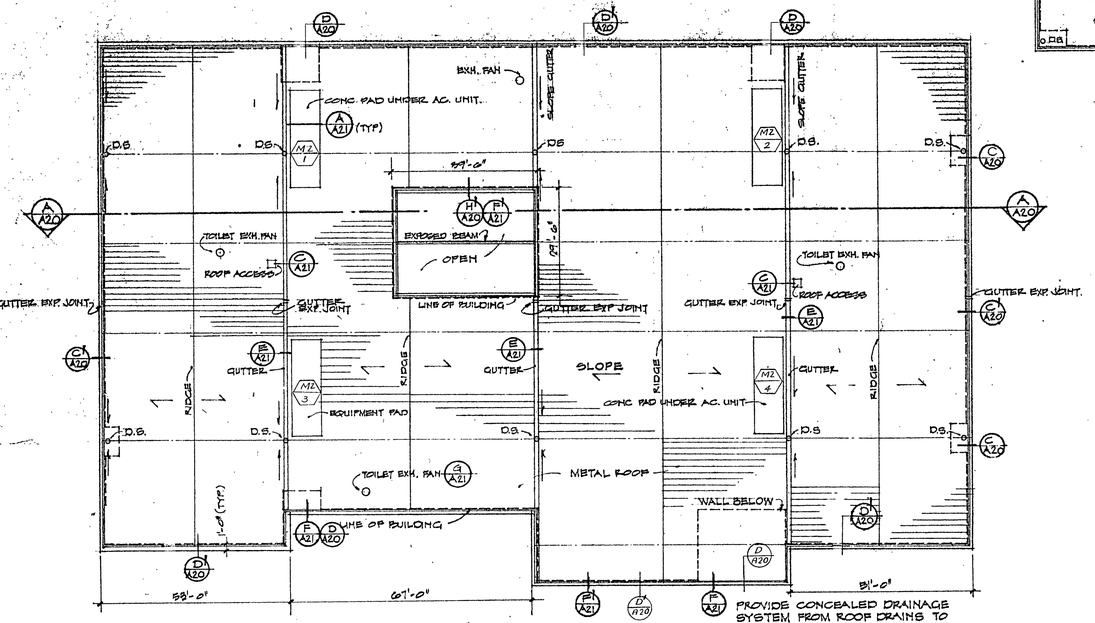


DETAIL
1½" = 1'-0"
B



DETAIL
3" = 1'-0"
C





ROOF PLAN
1" = 20'

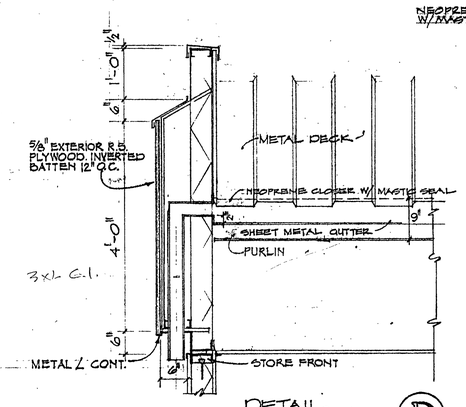
1. PROVIDE CONCEALED DRAINAGE SYSTEM FROM ROOF DRAINS TO STORM DRAIN SYSTEM. SEE PLUMBING DRAWINGS. PROVIDE DRAINAGE FOR EACH BAY.

TYPICAL ROOF COVERING PRE-PAINTED METAL DECKING WITH CONTIN. WEATHERPROOF MATCHING RIDGE CAP. ALL SIDES & END LAPS TO BE SEALED

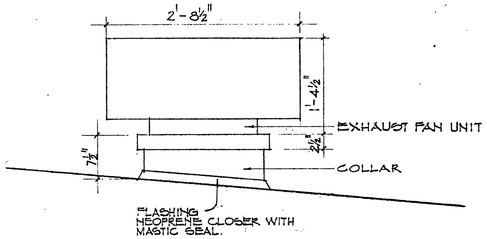
2.

5. FIELD PAINT ALL MECH. EQUIPMENT, DUCTS, ETC. ON ROOF.

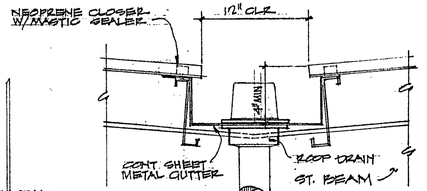
A/C UNIT SCHEDULE		
UNIT	WEIGHT	SIZE
MZ-1	7699#	316" X 93"
MZ-2 THRU MZ-4	5960#	265" X 86"
AC-1 & AC-2	980#	74" X 45"



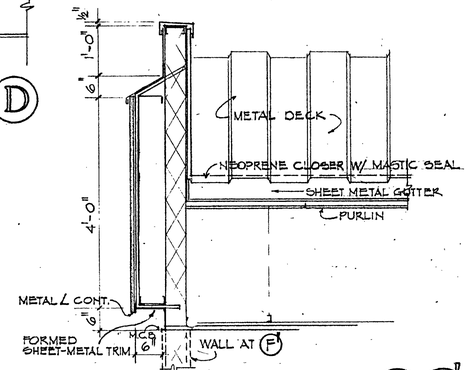
DETAIL
3/4" = 1'-0"
D



DETAIL
SCALE: 1"=1'-0"
G



DETAIL
1½" = 1'-0"
E



DETAIL
3/4" = 1'-0"
F F'

APPROVED BY DISTRICT BOARD OF TRUSTEES
GROSSMONT UNION HIGH SCHOOL DISTRICT
By _____
Authorized Agent of the Governing Board

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
JUL 1 1974
By _____

ARTHUR D. DECKER, ARCHITECT
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

Arthur D. Decker
ARCHITECT C-1168

ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIFORNIA
ROOF PLAN & DETAILS

DATE 4-30-73
DRAWN BY
JOB 69-6
SHEET A21
OF

TYPICAL SUSPENDED CLG. 2'x4' ACOUSTICAL LAY-IN BOARD. WIRE-SWAY BRACING ABOVE CLG AS REQUIRED BY G.A.C. -MAX 64 SQFT. PER BRACE. TYPICAL ALL SUSPENDED ACOUST. CLG.

STUCCO SOFFIT

DRYWALL CLG.

CEILING TRACK

RECESSED LIGHT FIXTURES SEE MECH.

1'x4' LIGHT FIXTURES SEE ELECT.

NOTE: ALL CLG'S SUSPENDED ACOUSTICAL CLG TYPE A-2 UNLESS NOTED OTHERWISE SWAY BRACES AS PER REQ. BY G.A.C.

OPEN

EXP. ST. BEAM

DRYWALL/CORK

ROOF ACCESS

EXHAUST FAN

ACOUST. CLG TYPE A-3 — NOTE SEE SHT A6 LEGEND.

LIGHT TRACK

ACOUST CLG TYPE A-3

EXHAUST FAN

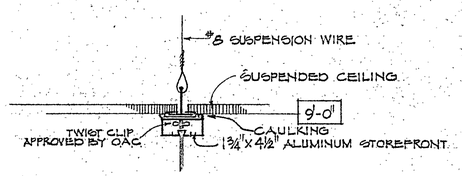
RECESSED LIGHT FIXTURE SEE ELECT.

MATCH LINE

2 HR. WALL

RECESSED LIGHT FIXTURE (TYP.)

2'x4' AC. TILE TYPE A-2 SEE LEGEND SHT A6

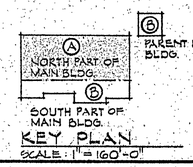


DETAIL
1½" = 1'-0"

NORTH PORTION OF MAIN BUILDING

1/8" = 1'-0"

FOR LEGEND SEE SHEET 25



KEY PLAN
SCALE: 1" = 160'-0"

2 REVISION 10 JULY 73 DEC.: 1 HR. WALL, 2 HR. WALL

INSTALLATION OF INTEGRATED CEILING SHALL NOT BE STARTED UNTIL DETAIL PLANS, SPECIFICATIONS AND ENGINEERING CALCULATIONS HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER AND APPROVED BY OFFICE OF ARCHITECTURE AND CONSTRUCTION.

APPROVED
DEPARTMENT OF EDUCATION
SAN DIEGO COUNTY
BY ... DATE ...

STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES
OFFICE OF ARCHITECTURE AND CONSTRUCTION
APPLICATION NO. 36131 APPROVED JUL 23 1973
BY ... ASSISTANT STATE ARCHITECT

APPROVED BY DISTRICT BOARD OF TRUSTEES
GROSSMONT UNION HIGH SCHOOL DISTRICT
BY ... Authorized Agent of the Governing Board

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
JUL 20 1973
BY ...

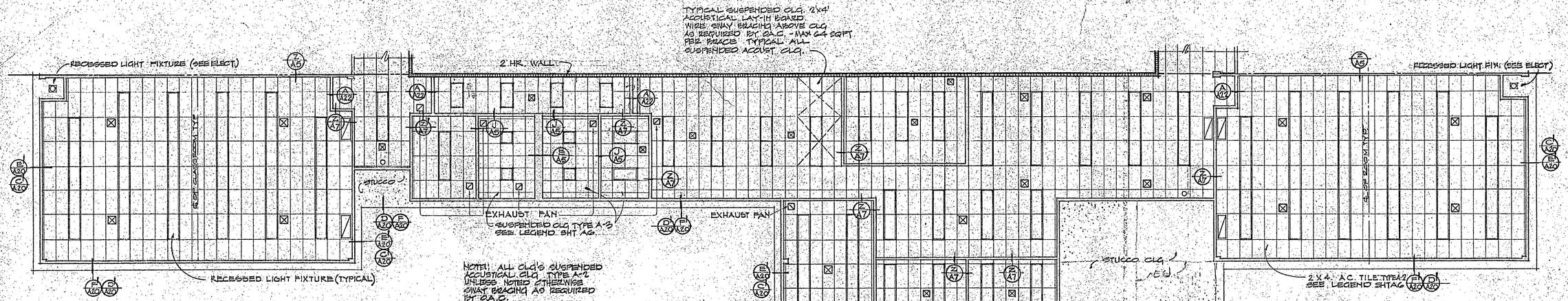
ARTHUR D. DECKER, ARCHITECT
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

ARCHITECT C-1168

ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIFORNIA

REFLECTED CEILING PLAN

DATE DEC. 1972
DRAWN BY
JOB 69-6
SHEET A22 OF



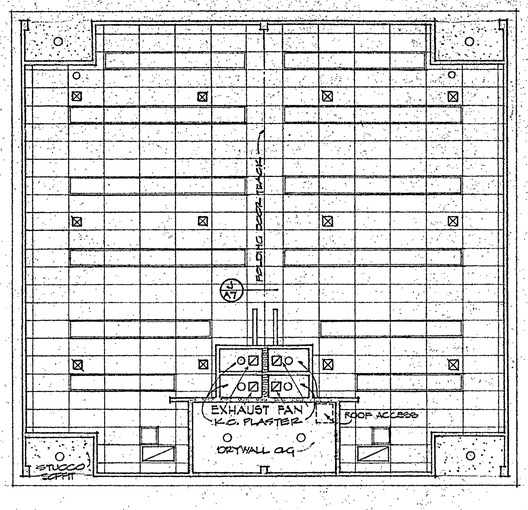
LEGEND

- RECESSED FLUORESCENT LIGHT FIXTURE
- SUPPLY DIFFUSER. SEE MECH.
- RETURN AIR OR EXHAUST GRILLE SEE MECH
- WALL PENETRATING CEILING & EXTENDING TO ROOF STRUCTURE ABOVE. 1 HR. WALL TO ROOF — 2
- WALL EXTENDING TO CEILING BUT NOT ABOVE CEILING
- 2 HR. WALL PENETRATING CEILING & EXTENDING TO ROOF STRUCTURE. — 2

NORTH

SOUTH PORTION OF MAIN BUILDING (B.)

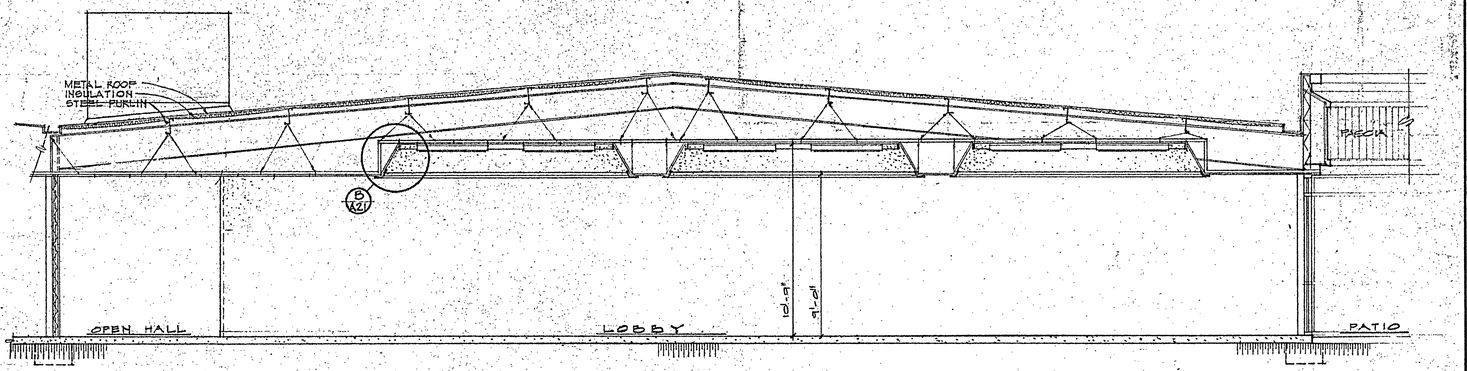
1/8"=1'-0"



NORTH

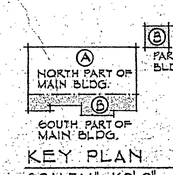
PARENT EDUCATION BUILDING (B.)

1/8"=1'-0"



SECTION @ LOBBY

1/4"=1'-0"



KEY PLAN

SCALE: 1"=160'-0"

(2) REVISION 10 JULY 73 DEC: 1 HR. WALL & 2 HR. WALL

(A.)

APPROVED DEPARTMENT OF EDUCATION SAN DIEGO COUNTY AUG 8 1973

STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES OFFICE OF ARCHITECTURE AND CONSTRUCTION 36131 APPROVED JUL 23 1973

APPROVED BY DISTRICT BOARD OF TRUSTEES GROSSMONT UNION HIGH SCHOOL DISTRICT By Authorized Agent of the Governing Board

APPROVED STATE FIRE MARSHAL STATE OF CALIFORNIA JUN 20 1973 BY

ARTHUR D. DECKER, ARCHITECT

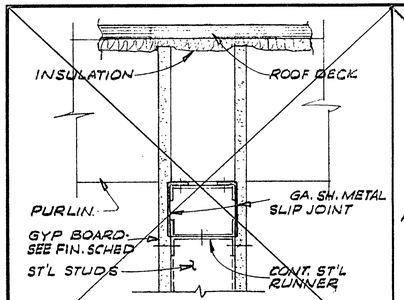
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

ARCHITECT C-11168

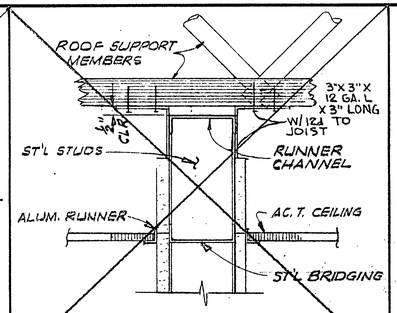
ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIFORNIA

REFLECTED CEILING PLAN CONTINUED & SECTION

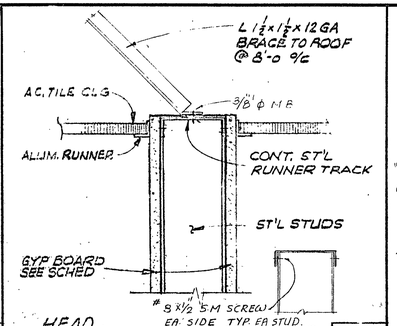
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DRAWN BY
JOB 69-6
SHEET A23 OF



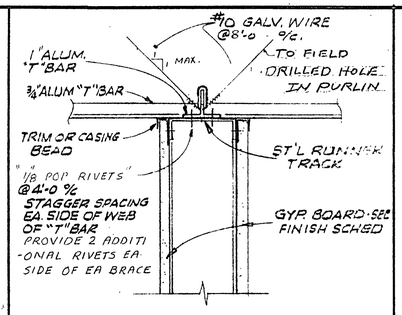
HEAD
FULL HEIGHT PART'N 1



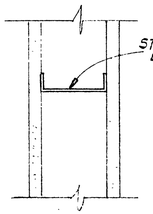
HEAD
THRU CEILING PENETRATION 2



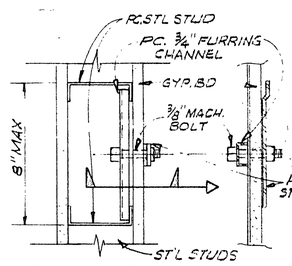
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CEILING HIGH PART'N 3



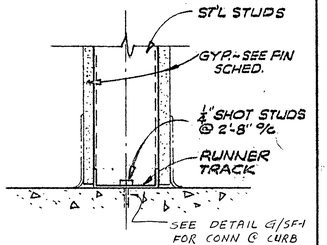
VERT. WALL OR C'L'G ANCHOR 4



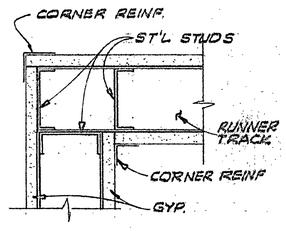
PLAN SECT
STUD OR BRIDGING CONN. 5



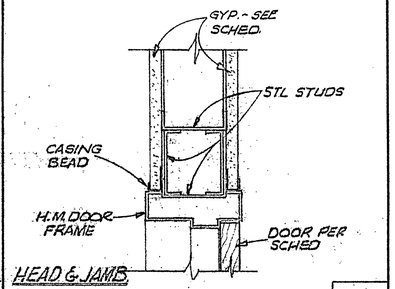
PLAN SECT
WALL FIXTURE HANGER 6



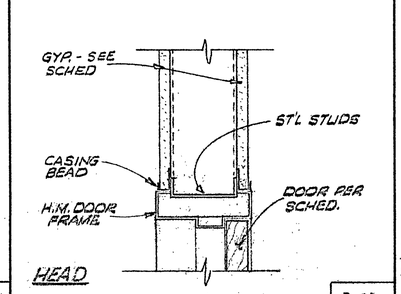
FLOOR ANCHOR 7



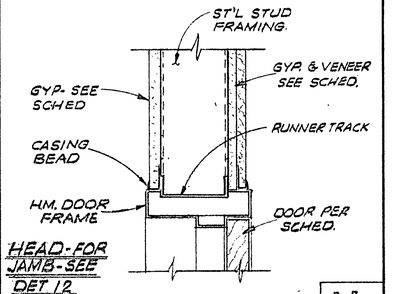
PLAN
CORNER DETAIL 8



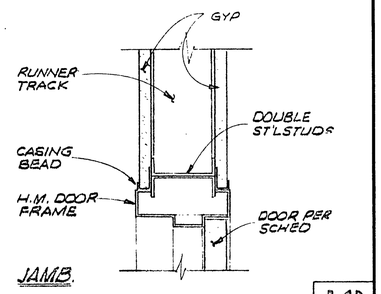
HEAD & JAMB
DOOR DET. (OP'GS WIDER THAN 4'-0) 9



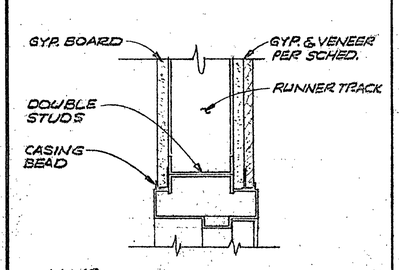
HEAD
DOOR DET. (OP'GS LESS THAN 4'-0 WIDE) 10



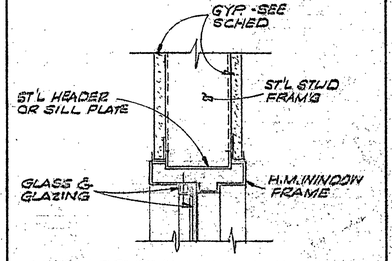
HEAD - FOR JAMB - SEE DET 12
DOOR DET. (OP'GS LESS THAN 4'-0 WIDE) 11



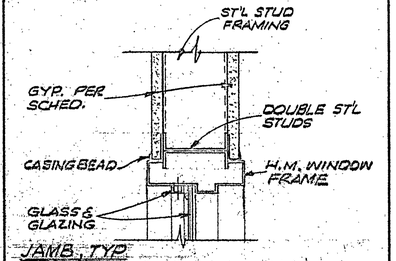
JAMB.
DOOR DET. 12



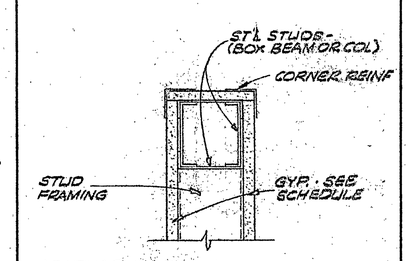
JAMB
DOOR DET 13



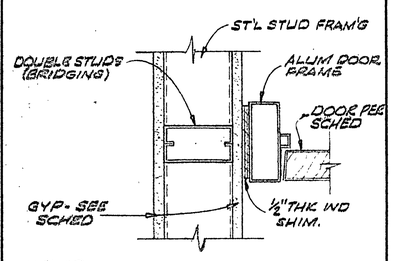
HEAD OR SILL
WINDOW DET. (OP'GS LESS THAN 4'-0 WIDE) 14



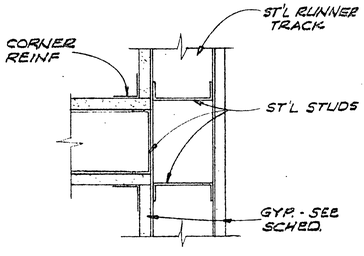
JAMB, TYP.
HEAD, FOR OP'GS WIDER THAN 4'-0
WINDOW DETAIL 15



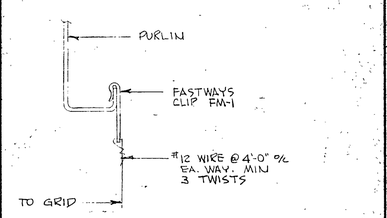
HEAD OR JAMB
WALL OPENING 16



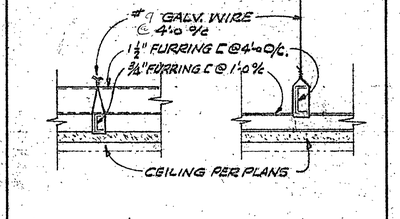
JAMB
PART'N W/ DOOR 17



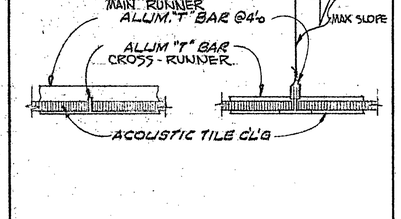
PLAN
PARTITION INTERSECTION 18



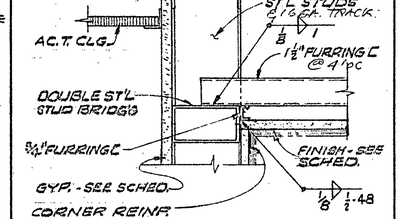
TYPICAL GRID SUPPORT 19



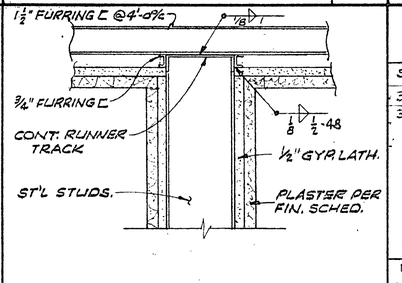
SECT "R" SECT "L"
SUSP. C'L'G - GYP. OR PLASTER 20



SECT "R" SECT "L"
SUSP. C'L'G - AC. TILE ON "T" BAR GRID 21



PART'N HEAD DET - 2 - C'L'G HEIGHTS 22



PART'N HEAD - LATH & PLASTER 23

INTERIOR NON-BRG STUDS
PERMISSABLE STUD HEIGHT - IN FEET
(FOR 5# WIND LOAD)

STUD SIZE	SPACING	MAX. HEIGHT
3⅝ X 0.022	16"	14.00
3⅝ X 0.022	24"	12.20

MINIMUM STUD PROPERTIES

SIZE	MIN Ix	MIN Sx
3⅝ X 0.022	0.281 IN⁴	0.142 IN³

(ANGELES METAL STUDS OR EQUAL)
ALL STUDS GALVANIZED

NOTE:
1. DETAILS SHOWN ON THIS SHEET ARE TYPICAL FRAMING CONDITIONS AND ARE TO BE USED EXCEPT WHERE SPECIFICALLY REFERRED ELSE WHERE ON THE DRAWING
2. INTERIOR WALL COVERING SHALL BE ½" GYPSUM BOARD FINISHED AS PER SCHEDULE UNLESS OTHER-WISE NOTED
3. SEE SHEET A-25 FOR EXTERIOR WALL STUD SIZE & SPACING

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
JUL 0 1973
BY

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INTERIOR WALL DETAILS

REVISIONS	BY

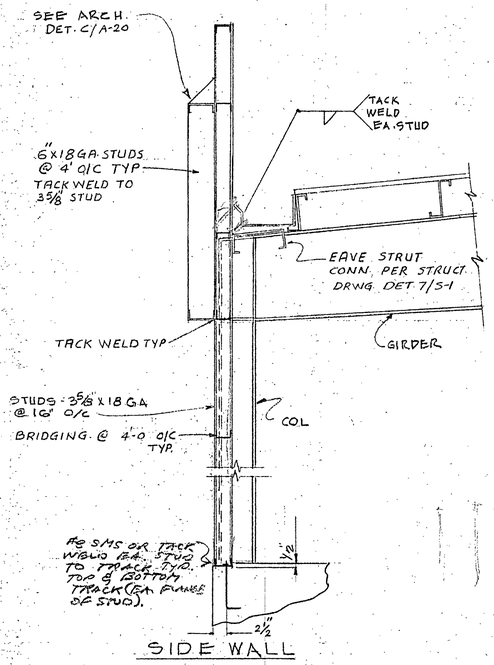
STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES
OFFICE OF ARCHITECTURE AND CONSTRUCTION
36131 APPROVED JUL 23 1973
DSA FORM 103 (REV. 8/72)

ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIF.

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SHEET A24
OF SHEETS

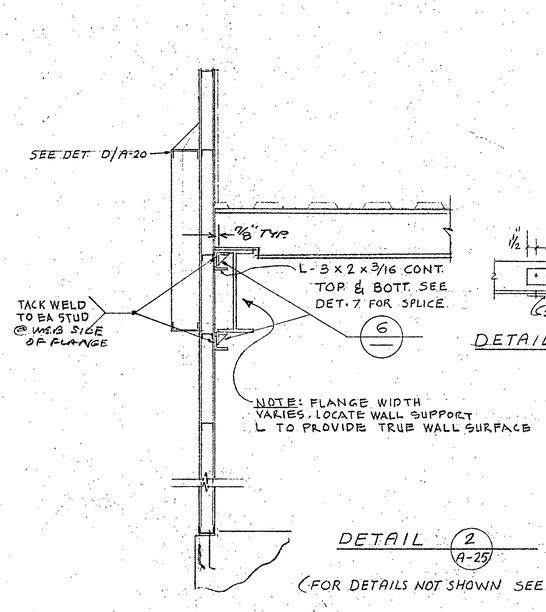
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SIDE WALL

STUD WALL TO ROOF CONNECTION

DETAIL 1 / A-25

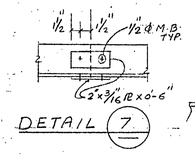


END WALL

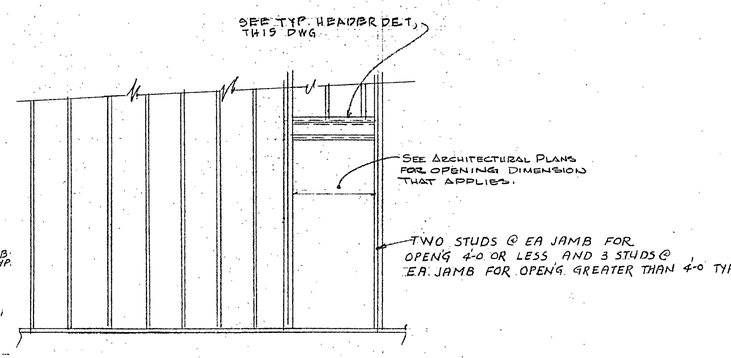
STUD WALL TO ROOF CONNECTION

DETAIL 2 / A-25

(FOR DETAILS NOT SHOWN SEE DETAIL-1)

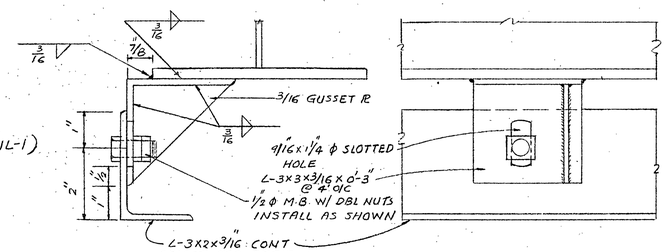


DETAIL 7

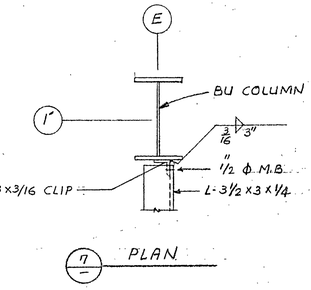


TYPICAL WALL OPENINGS

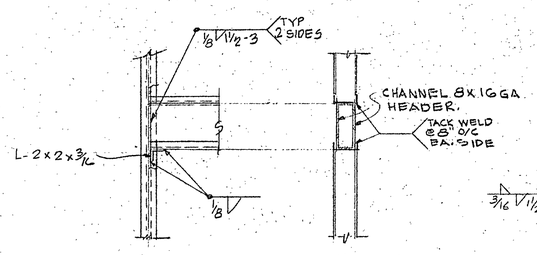
NON BEARING WALL



DETAIL 6

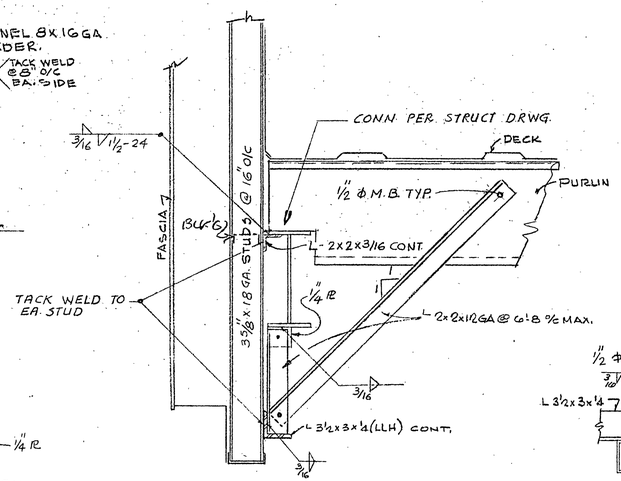


7 / — PLAN

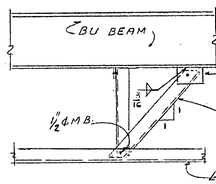


TYPICAL HEADER DETAIL

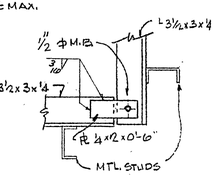
DETAIL 3 / A-25



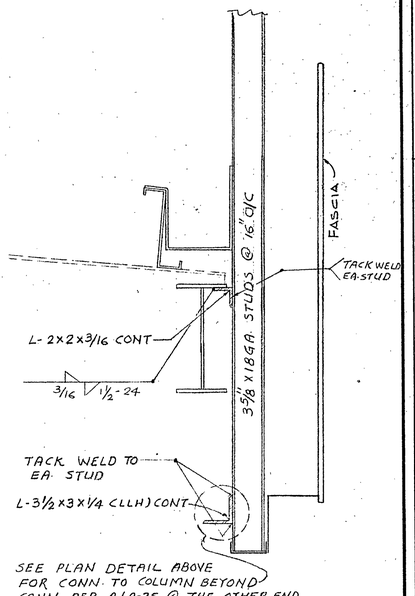
SECTION 4 / A-25



DETAIL 8 / A-25 TYP. 2 PLACES



DETAIL A / A-25



SECTION 5 / A-25

STUD & HEADER PROPERTIES (6/—)

EXTERIOR STUDS & HEADERS ARE STRUCTURAL LOAD BEARING PERFORATED SECTIONS AS SHOWN BELOW. (ANGELES METAL SYSTEMS OR EQUAL)

DESIGN BASED ON Fy = 25 KSI FOR EXTERIOR STUDS & WALL BRACING ANGLES

NOTE: SEE NOTES ON SHT S-4 FOR OTHER LIGHT GAGE STRUCTURAL ELEMENTS (MATERIAL TESTS NOT REQUIRED)

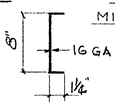
STUDS & TRACKS (CT'S B)



MINIMUM PROPERTIES

Ix = 0.528
Sx = 0.291
A = 0.275 (GROSS)

HEADERS



MINIMUM PROPERTIES

Ix = 4.630
Sx = 1.158
A = 0.616 (GROSS)

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
1973
BY _____

REGISTERED PROFESSIONAL ENGINEER — EDWARD LINDSKOG — No. 276

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AMERICAN CONCRETE INSTITUTE
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Austin D. Decker c 1968

EXTERIOR WALL DETAILS

REVISIONS	BY

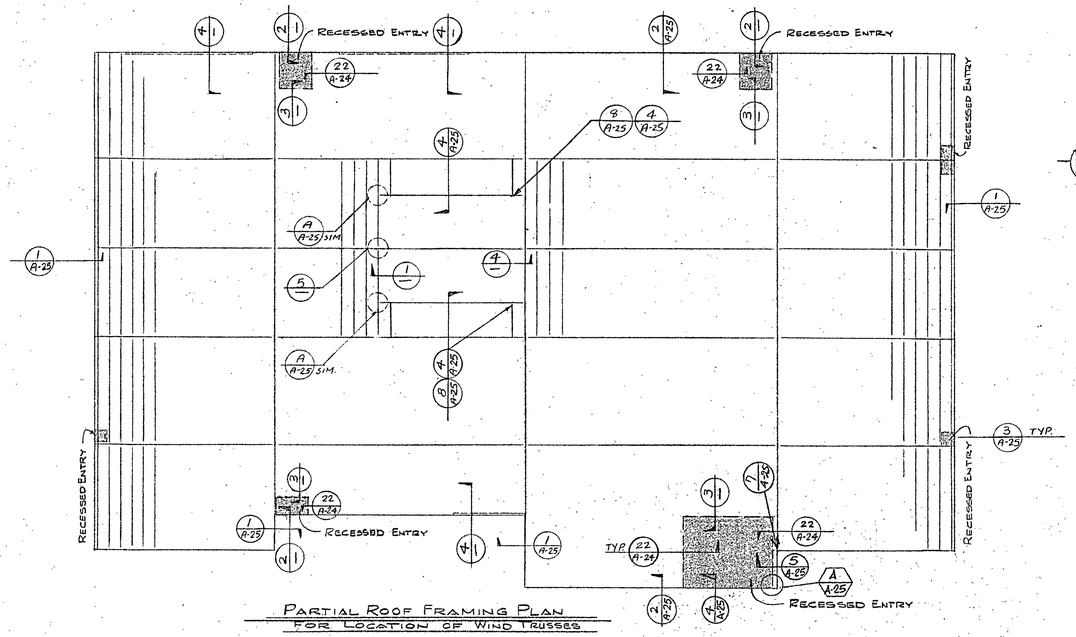
DEPARTMENT OF GENERAL SERVICES — DIVISION OF ARCHITECTURE — OFFICE OF ARCHITECTURE AND CONSTRUCTION
APPLICATION NO. 36131
APPROVED JUL 23 1973
By [signature] ASSISTANT ARCHITECTURAL ADMINISTRATOR

ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIF.

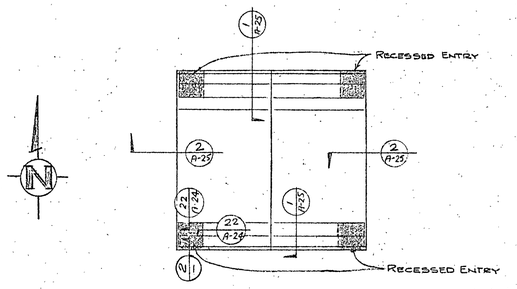
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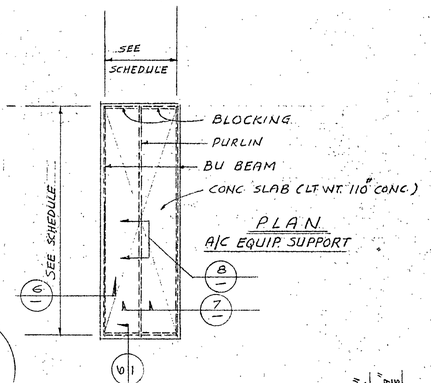
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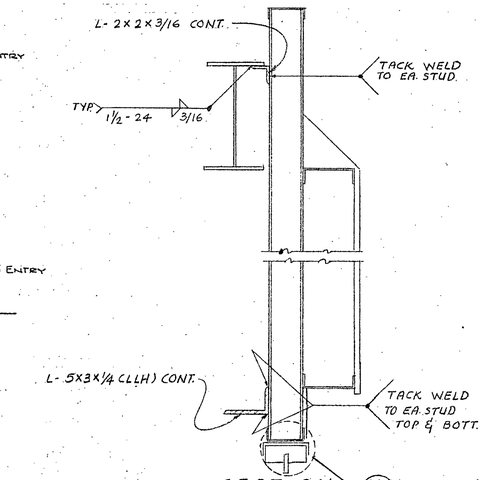
PARTIAL ROOF FRAMING PLAN
FOR LOCATION OF WIND TRUSSES



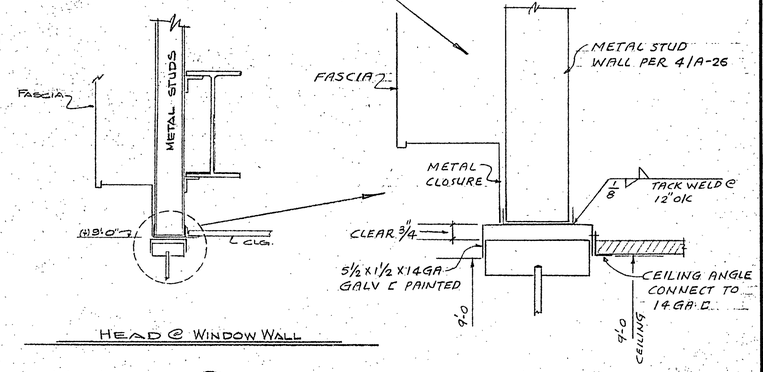
PARTIAL ROOF FRAMING PLAN
FOR LOCATION OF WIND TRUSSES



PLAN
A/C EQUIP SUPPORT

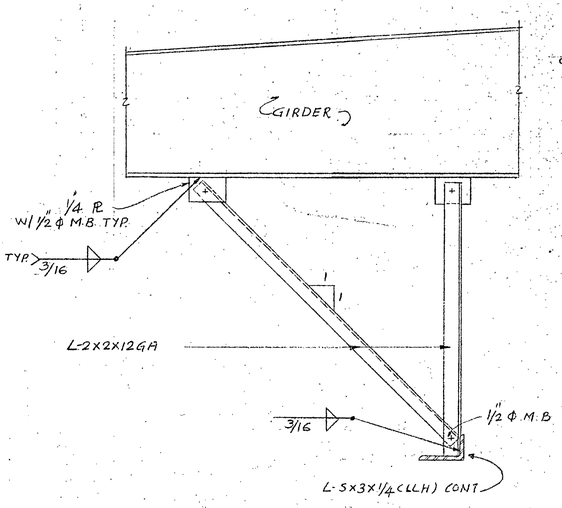


SECTION

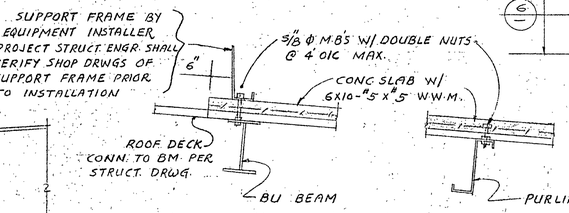


HEAD @ WINDOW WALL

DETAIL 4

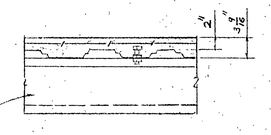


DETAIL 5
(ONE LOCATION ONLY)



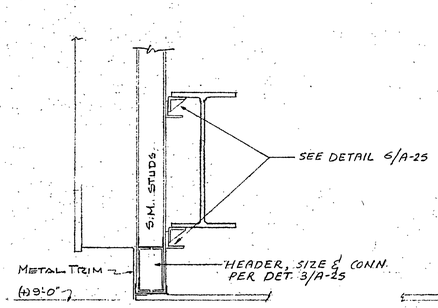
SECTION 6

SECTION 7

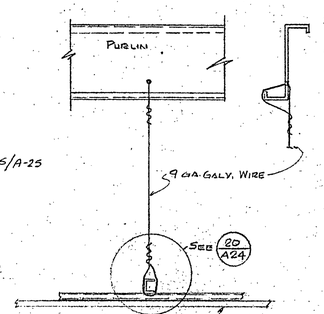


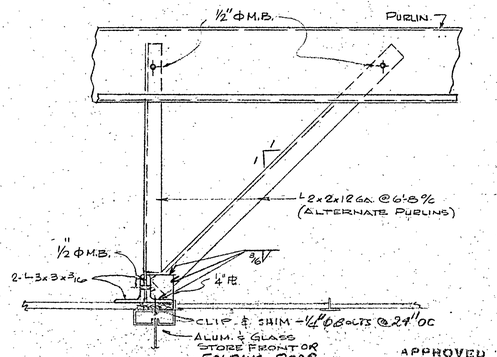
SECTION 8

NOTE:
SEE ROOF PLAN ON SHT A-21 FOR WT. SIZE & LOCATION OF A/C UNITS



SECTION 2





SECTION 3

TYPICAL RECESSED ENTRY SECTIONS

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STATE FIRE MARSHAL
STATE OF CALIFORNIA
JUL 1973
BY

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CONSULTING STRUCTURAL ENGINEER
14613 E. WHITTIER BLVD.
WHITTIER, CALIF. 90605
693-0156
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AMERICAN CONCRETE INSTITUTE
AMERICAN SOCIETY OF CIVIL ENGINEERS

REGISTERED PROFESSIONAL ENGINEER
EDWARD LINDSKOG
No. 7?
STRUCTURAL
CIVIL

REVISIONS | BY

DEPARTMENT OF GENERAL SERVICES
OFFICE OF ARCHITECTURE AND CONSTRUCTION
APPROVED JUL 23 1973
6181
APPLICATION NO.
PLANS APPROVAL ENGINEER

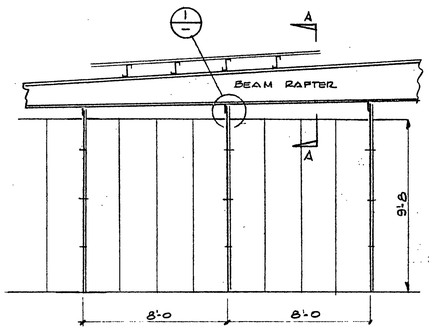
ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON SAN DIEGO CO. CALIF.

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WHITTIER, CALIFORNIA 90603 • P.O. Box 473 • Telephone (213) 693-0333
PRENTICE, WISCONSIN 54556 • P.O. Box 1 • Telephone (715) 428-2970

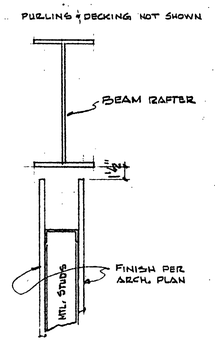
DATE 4-30-73
SCALE
DRAWN
JOB
SHEET A-26
OF SHEETS

RECESSED ENTRY
WINDOW WALL HEAD
DETAILS

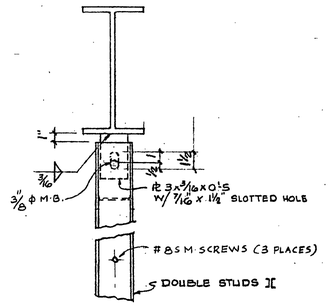
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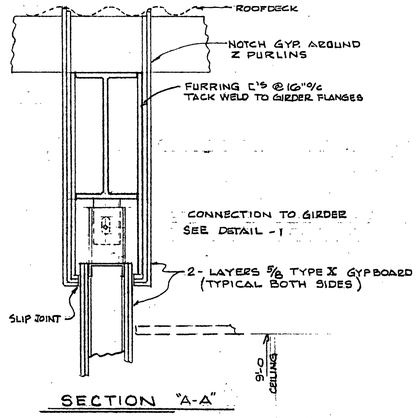
ELEVATION



SECTION "A-A"



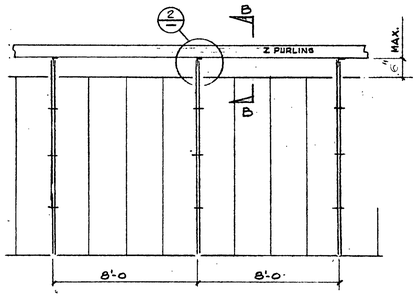
DETAIL 1/—



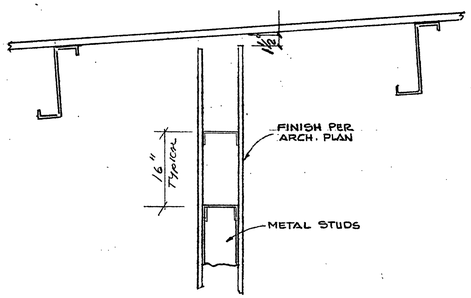
SECTION "A-A"

TYPICAL @ FIRE WALL PARTITION

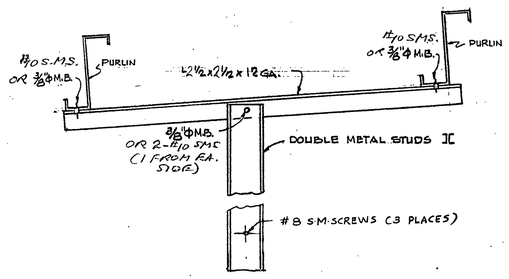
PARTITION UNDER BEAM RAFTER



ELEVATION

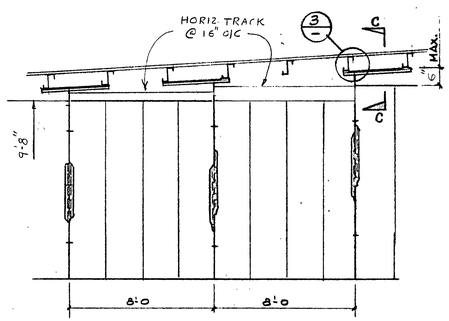


SECTION "B-B"

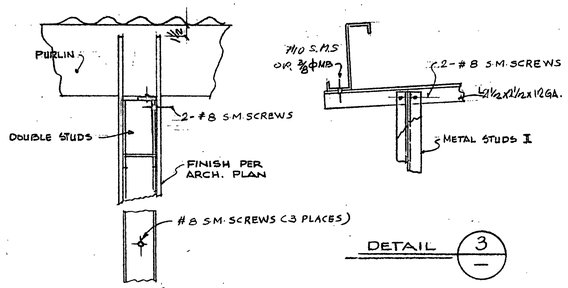


DETAIL 2/—

PARTITION PARALLEL AND UNDER PURLINS



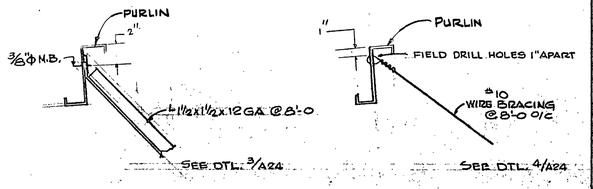
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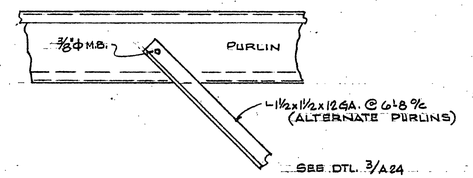
SECTION 'C-C"

DETAIL 3/—

PARTITION PERPENDICULAR AND UNDER PURLINS



FOR PARTITIONS PARALLEL TO PURLINS



FOR PARTITIONS PERPENDICULAR TO PURLINS

ROOF CONNECTIONS FOR PARTITIONS THAT TERMINATE AT CEILING

REVISIONS	BY

STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES
OFFICE OF ARCHITECTURE AND CONSTRUCTION
36131 APPLICATION NO.
APPROVED JUL 23 1973
By [signature] Principal Architectural Supervisor

ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
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DATE 4-30-73
SCALE
DRAWN
JOB
SHEET A-27
OF SHEETS

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
JUL 1973
By [signature]

DEPARTMENT OF [illegible]
ARCHITECTURE AND [illegible]
APPROVED
[illegible]

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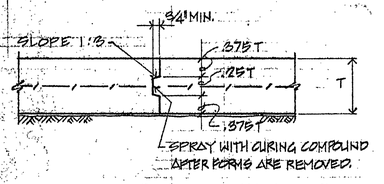
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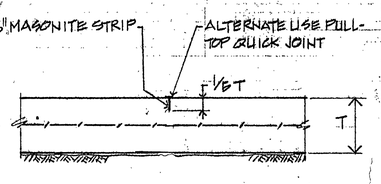
PARTITION TO ROOF CONNECTION DETAILS

PRINTED ON DIETERICH-POST CLEARPRINT 1000H

NOTES:
1. ADJACENT POURS MUST BE MADE AT LEAST 8 HOURS APART.
2. A PREFORMED .24 GA. GALV. STL. JOINT ELEMENT MAY BE USED

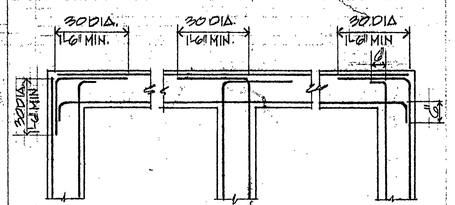


CONSTRUCTION JOINT (A / SF-1)



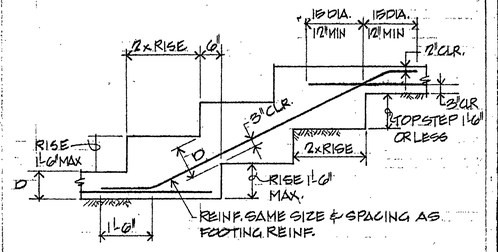
TYPICAL CRACK CONTROL JOINT (B / SF-1)

NOTE: WHERE SINGLE LAYER OF REINF OCCURS, BEND REINF. AS SHOWN FOR OUTSIDE BARS.



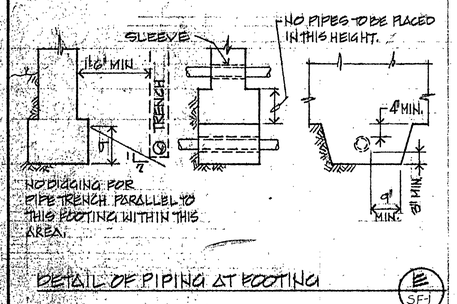
TYP. REINF. AT INTERSECTIONS OF FOOTING & BEAMS (C / SF-1)

NOTE~
SLOPE TO BE 1 VERT TO 2 HORIZ. EXCEPT WHERE SHOWN OTHERWISE.

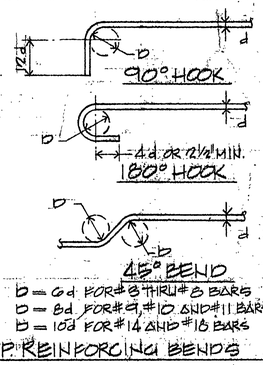


TYP. STEP IN CONTINUOUS FOOTING (D / SF-1)

NOTE: WHERE PIPES ARE TO BE MORE THAN 2'-0" BELOW BOTTOM OF FOOTING, STEP FOOTING PER DETAIL 12/SF-1

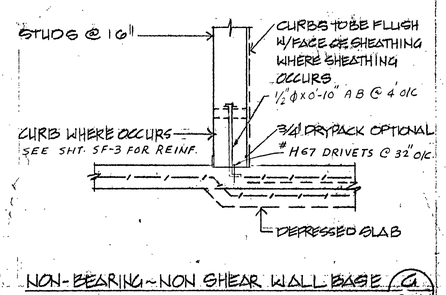


DETAIL OF PIPING AT FOOTING (E / SF-1)

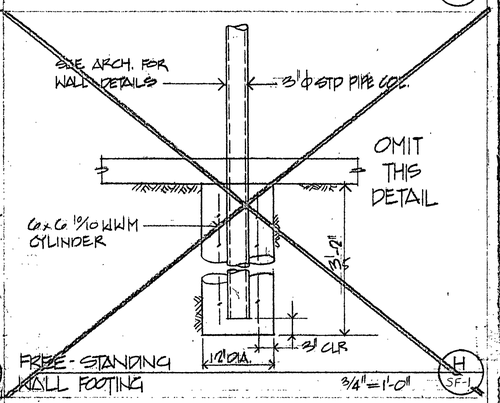


TYP. REINFORCING BENDS (F / SF-1)

SEE PLANS FOR LOCATION OF CURBS & DEPRESSED SLABS

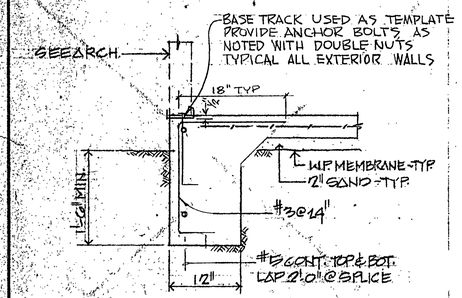


NON-BEARING~NON SHEAR WALL BASE (G / SF-1)

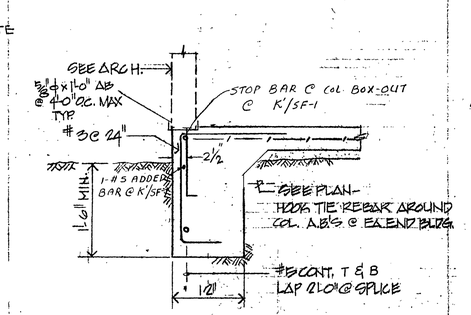


FREE-STANDING WALL FOOTING (H / SF-1)

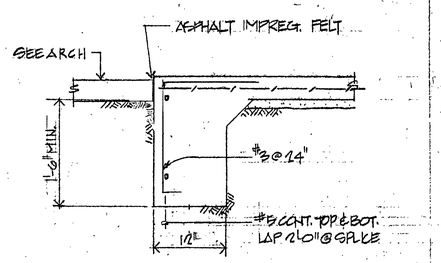
3/4" = 1'-0"



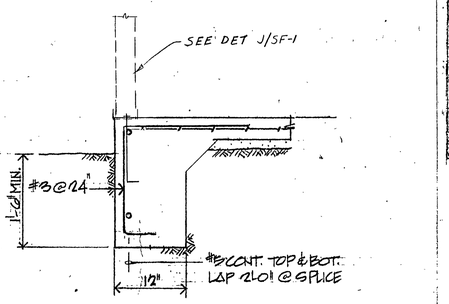
(J / SF-1) 1" = 1'-0"



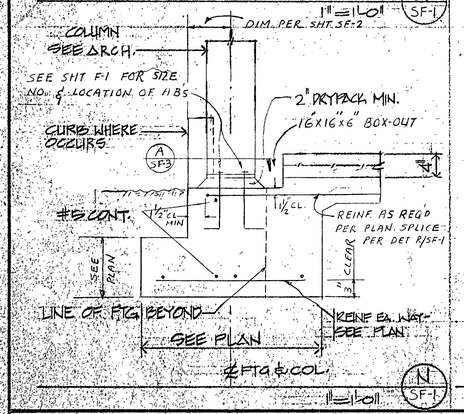
(K / SF-1) (K' / SF-1) 1" = 1'-0"



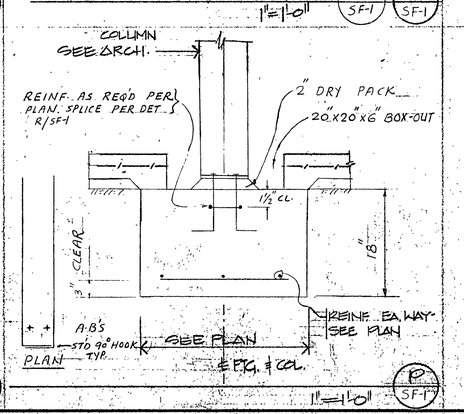
(L / SF-1) 1" = 1'-0"



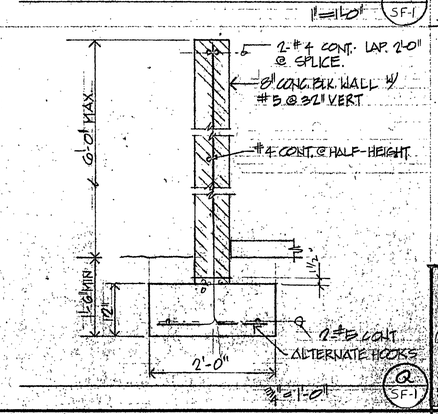
(M / SF-1) 1" = 1'-0"



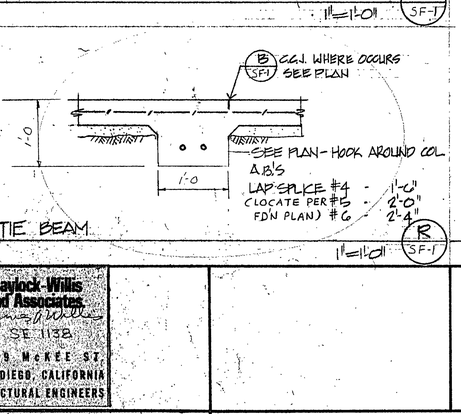
(N / SF-1) 1" = 1'-0"



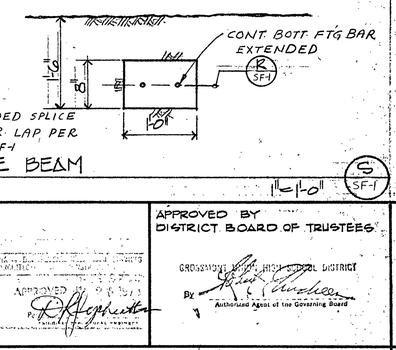
(P / SF-1) 1" = 1'-0"



(Q / SF-1) 3/4" = 1'-0"



TIE BEAM (R / SF-1) 1" = 1'-0"



TIE BEAM (S / SF-1) 1" = 1'-0"

GENERAL NOTES:

GENERAL

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE STARTING WORK AND THE ARCHITECT NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES FOUND.
2. NOTES AND DETAILS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER THESE GENERAL NOTES AND THE TYPICAL DETAILS ON THIS SHEET IN CASE OF CONFLICT.
3. CHARACTER OF FOUNDATION SOIL: COMPACTED FILL. SEE BENTON ENGINEERING SOILS INVESTIGATION, PROJECT NO. 72-11-14 AP DATED NOVEMBER 30, 1972.
4. MAXIMUM SOIL PRESSURE: 2500 P.S.F.
5. FOOTINGS SHALL EXTEND 1'-6" MINIMUM BELOW FINISH GRADE.
6. WHERE NO CONSTRUCTION DETAILS ARE SHOWN OR NOTED FOR ANY PART OF THE WORK, THE DETAILS SHALL BE THE SAME AS FOR OTHER SIMILAR WORK.

REINFORCED CONCRETE

1. CONCRETE SHALL HAVE A MINIMUM ULTIMATE COMPRESSIVE STRENGTH IN 28 DAYS OF 2,500 P.S.I. FOR FOUNDATIONS, 3,000 P.S.I. FOR SLABS ON GRADE & 2,000 P.S.I. FOR SIDEWALKS & CURBS.
2. NO PIPES OR DUCTS SHALL BE PLACED IN CONCRETE COLUMNS, WALLS OR SLABS UNLESS SPECIFICALLY DETAILED.
3. UNLESS SHOWN OTHERWISE IN DETAILS FURNISH #2 SPACER TIES AT APPROXIMATELY 2'-6" O.C. IN ALL BEAMS AND FOOTINGS TO KEEP REINFORCING IN PLACE.
4. REINFORCING FOR SLABS ON EARTH OTHER THAN WALKS: 6 x 6 - #10/10 W.W.M.
5. PROVIDE 3/4" CHAMFER ON ALL EXPOSED CORNERS.
6. TYPICAL SPLICE IN CONTINUOUS REINFORCING: LAP BARS 30 DIAMETERS OR 1'-6" MINIMUM.
7. MINIMUM COVER FOR REINFORCING STEEL: FOOTINGS - 3"; WALLS - 1", EXCEPT AGAINST EARTH - 2"; SLABS - 3/4"; BEAMS - 1 1/2"; COLUMNS - 1 1/2".
8. WELDING RODS FOR REINFORCING BARS TO BE PER AWS SPEC. E6016 OR E7016 (LOW HYDROGEN ELECTRODES).
9. REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 40.

STRUCTURAL STEEL

1. STRUCTURAL STEEL SHALL COMPLY WITH ASTM SPECIFICATION A-36 UNLESS NOTED OTHERWISE.
2. MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE LATEST EDITION OF THE AISC SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS AND TITLE 23 OF THE CALIFORNIA ADMINISTRATIVE CODE.
3. ALL WELDING SHALL BE DONE BY THE SHIELDED ARC PROCESS.
4. CONNECTED MEMBERS SHALL BEAR ONLY UPON THE UNTHREADED PORTION OF BOLTS.
5. USE 3/4" MIN. DRYPACK UNDER ALL BASE PLATES.
6. BOLTS SHALL CONFORM TO ASTM A307.

STRUCTURAL SYSTEM

1. THE STRUCTURAL SYSTEM SHALL BE A RELOCATABLE SYSTEM, AND SHALL CONFORM TO THE REQUIREMENTS OF TITLE 21, CALIFORNIA ADMINISTRATIVE CODE, AND THESE PLANS AND THE SPECIFICATIONS RELATED HERETO.
2. THE GENERAL CONTRACTOR SHALL SUBMIT PLANS, DETAILS OF CONSTRUCTION, SPECIFICATIONS, AND STRUCTURAL CALCULATIONS FOR APPROVAL BY THE OFFICE OF ARCHITECTURE AND CONSTRUCTION. THE ARCHITECT AND THE STRUCTURAL ENGINEER. DRAWINGS AND CALCULATIONS SHALL BE STAMPED BY A CALIFORNIA REGISTERED CIVIL ENGINEER THAT HAS THE AUTHORITY TO USE THE TITLE "STRUCTURAL ENGINEER".

NOTE: LOCATE ANCHOR BOLTS ADJACENT TO & WITHIN 9" OF DOOR JAMBS, CORNERS, & BOTTOM ℄ TRACK SPLICES, AND SPACED NOT MORE THAN 4' O/C.
SEE SHT. F-1 FOR ALL COL ANCHOR BOLTS SIZE & LOCATION

AMS
ADVANCED MODULAR SYSTEMS
WHITTIER, CALIFORNIA 90603 • P.O. Box 473 • Telephone (213) 693-5553
FREMONT, CALIFORNIA 94538 • 3165 Thomas Road • Telephone (415) 657-2070

Blaylock-Wills and Associates
SE 1138
1909 McKEE ST.
SAN DIEGO, CALIFORNIA
STRUCTURAL ENGINEERS

APPROVED BY DISTRICT BOARD OF TRUSTEES
GROSSMONT UNION HIGH SCHOOL DISTRICT
By _____
Authorized Agent of the Governing Board

ARTHUR D. DECKER, ARCHITECT
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

Arthur D. Decker
ARCHITECT C-1168

ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON SAN DIEGO COUNTY, CALIFORNIA

GENERAL NOTES AND TYPICAL DETAILS

DATE 4-30-73
DRAWN BY
JOB 69-6
SHEET SF-
OF

240'-9½"

50'-4¾" | 70'-0" | 70'-0" | 50'-4¾"

6¾" | 10' | 10' | 18'

ADD 1-#5x20'-0 BAR @ TOP

2-#5 CONT.

SIM

ADD 1-#5x5'-0 BAR @ TOP BELOW BOX-OUT @ 36"

FTG. 2'-8" SQ. t=10" 8-#4 E.W.

FTG. 4'-4" SQ. t=10" 4-#6 E.W.

FTG. 3'-6" SQ. t=10" 3-#5 E.W.

ADD 1-#5x5'-0 BAR @ TOP BELOW BOX-OUT @ 36"

FTG. 4'-4" SQ. t=10" 4-#6 E.W.

FTG. 2'-8" SQ. t=10" 3-#4 E.W.

ADD 1-#5x20'-0 BAR @ TOP

FTG. 3'-0" SQ. t=10" 3-#4 E.W.

FTG. 4'-8" SQ. t=18" 7-#5 E.W.

FTG. 4'-4" SQ. t=18" 4-#6 E.W.

FTG. 4'-8" SQ. t=18" 7-#5 E.W.

FTG. 8'-0" SQ. t=10" 3-#4 E.W.

FTG. 2'-10" SQ. t=10" 3-#4 E.W.

FTG. 4'-0" SQ. t=18" 3-#6 E.W.

FTG. 3'-2" SQ. t=18" 3-#5 E.W.

FTG. 4'-0" SQ. t=18" 3-#6 E.W.

FTG. 2'-10" SQ. t=10" 3-#4 E.W.

FTG. 2'-10" SQ. t=10" 3-#4 E.W.

FTG. 4'-6" SQ. t=18" 4-#6 E.W.

FTG. 4'-4" SQ. t=18" 4-#6 E.W.

FTG. 4'-6" SQ. t=18" 4-#6 E.W.

FTG. 2'-10" SQ. t=10" 3-#5 E.W.

FTG. 3'-0" SQ. t=10" 3-#4 E.W.

FTG. 4'-6" SQ. t=18" 4-#6 E.W.

FTG. 4'-4" SQ. t=18" 4-#6 E.W.

FTG. 4'-6" SQ. t=18" 4-#6 E.W.

FTG. 2'-10" SQ. t=10" 3-#5 E.W.

2-#5 CONT NO SPLICE

DEPRESS SLAB 12"

NOTCH BASE TRACK @ COL. TYP.

STAGGER 2'-6" TYP.

15'-0 TYP. NO SPLICE

6¾" TO OUTSIDE FACE OF STUD TYP.

MATCH LINE

C.C.J. TYP.

C.C.J. TYP

C.C.J. TYP

C.C.J. TYP

C.C.J. TYP

TYP. END & EDGE SPLICE FOR 6X6-#10/10 W.W.M.

4" CONC. SLAB W/ 6x6-#10/10 W.W.M. ON 2" SAND OVER W.P. MEMBRANE OVER COMPACTED FILL ~ TYP.

2" 6" 2"

80'-0"

141'-5"

A | B | C | E | G

6 | 5 | 4 | 3 | 2 | 1

FOUNDATION PLAN ~ NORTH PART OF MAIN BUILDING (A)

SCALE: ⅛" = 1'-0"

NOTE:

1. SEE SHT F-1 FOR ANCHOR BOLTS SETTING. COL. & FTG LOCATION. ALL FTG TO BE CENTERED ON COL.

KEY PLAN — SCALE: 1" = 160'-0"

(A) NORTH PART OF MAIN BLDG.

(B) SOUTH PART OF MAIN BLDG.

(B) PARENT E.D. BLDG.

NORTH

Blaylock-Wills and Associates
SE 1138
1909 McKEE ST.
SAN DIEGO, CALIFORNIA
STRUCTURAL ENGINEERS

APPROVED BY DIVISION OF ARCHITECTURE STATE OF CALIFORNIA
36131 APPROVED JUL 2 1973

APPROVED BY DISTRICT BOARD OF TRUSTEES
GROSSMONT UNION HIGH SCHOOL DISTRICT
By
Authorized Agent of the Governing Board

ARTHUR D. DECKER, ARCHITECT

EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

ARCHITECT C-11168

ADULT EDUCATION FACILITY

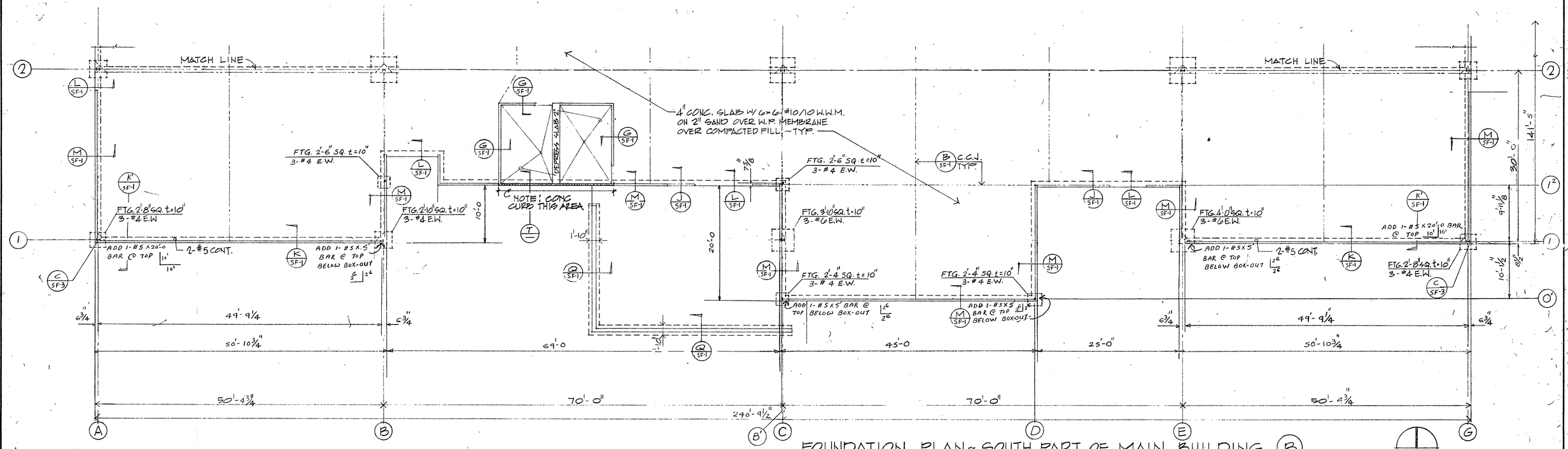
GROSSMONT UNION HIGH SCHOOL DISTRICT

1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIFORNIA

FOUNDATION PLAN

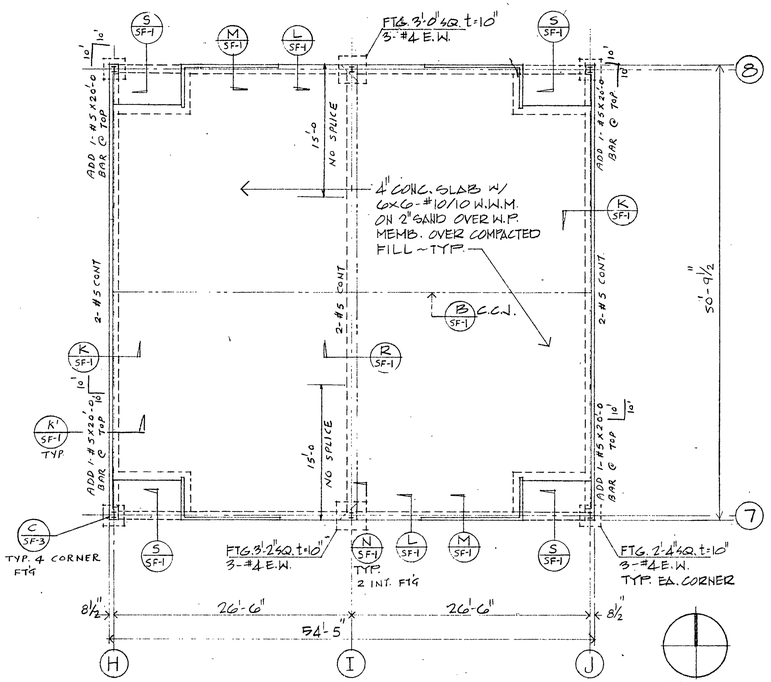
DATE 4-30-73 | DRAWN BY | JOB 69.6 | SHEET SF-2 | OF

AMSI — ADVANCED MODULAR SYSTEMS, INC. — WHITTIER, CALIFORNIA (213) 693-3593 • P.O. Box 4775 • Telephone (213) 693-3593 — FREMONT, CALIFORNIA (415) 657-9370 • 2150 Whipple Drive • Telephone (415) 657-9370



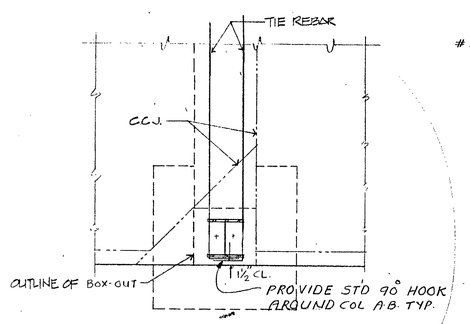
FOUNDATION PLAN ~ SOUTH PART OF MAIN BUILDING (B)

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

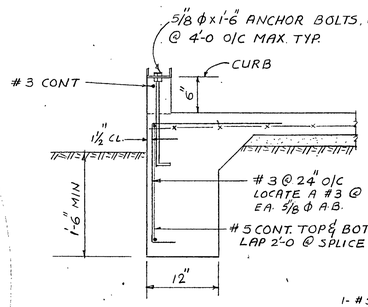


FOUNDATION PLAN ~ PARENT EDUCATION BLDG. (B)

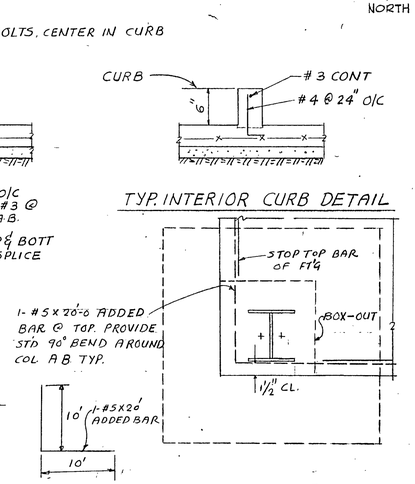
SCALE: 1/8" = 1'-0"



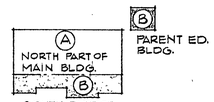
PLAN SECTION (A) SF-3



SECTION (T)



DETAIL (C) SF-3



KEY PLAN

SCALE: 1" = 160'-0"

AMS ADVANCED MODULAR SYSTEMS
PRATTVILLE, CALIFORNIA 95837 • P.O. Box 4775 • Telephone (213) 933-5553
PRATTVILLE, ALABAMA 36067 • 1550 Melody Lane • Telephone (916) 933-5370

Blaylock-Willis and Associates
SE 1138
1909 McKEE ST.
SAN DIEGO, CALIFORNIA
STRUCTURAL ENGINEERS

APPROVED BY DISTRICT BOARD OF TRUSTEES

ARTHUR D. DECKER, ARCHITECT
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS
ARCHITECT C-11168

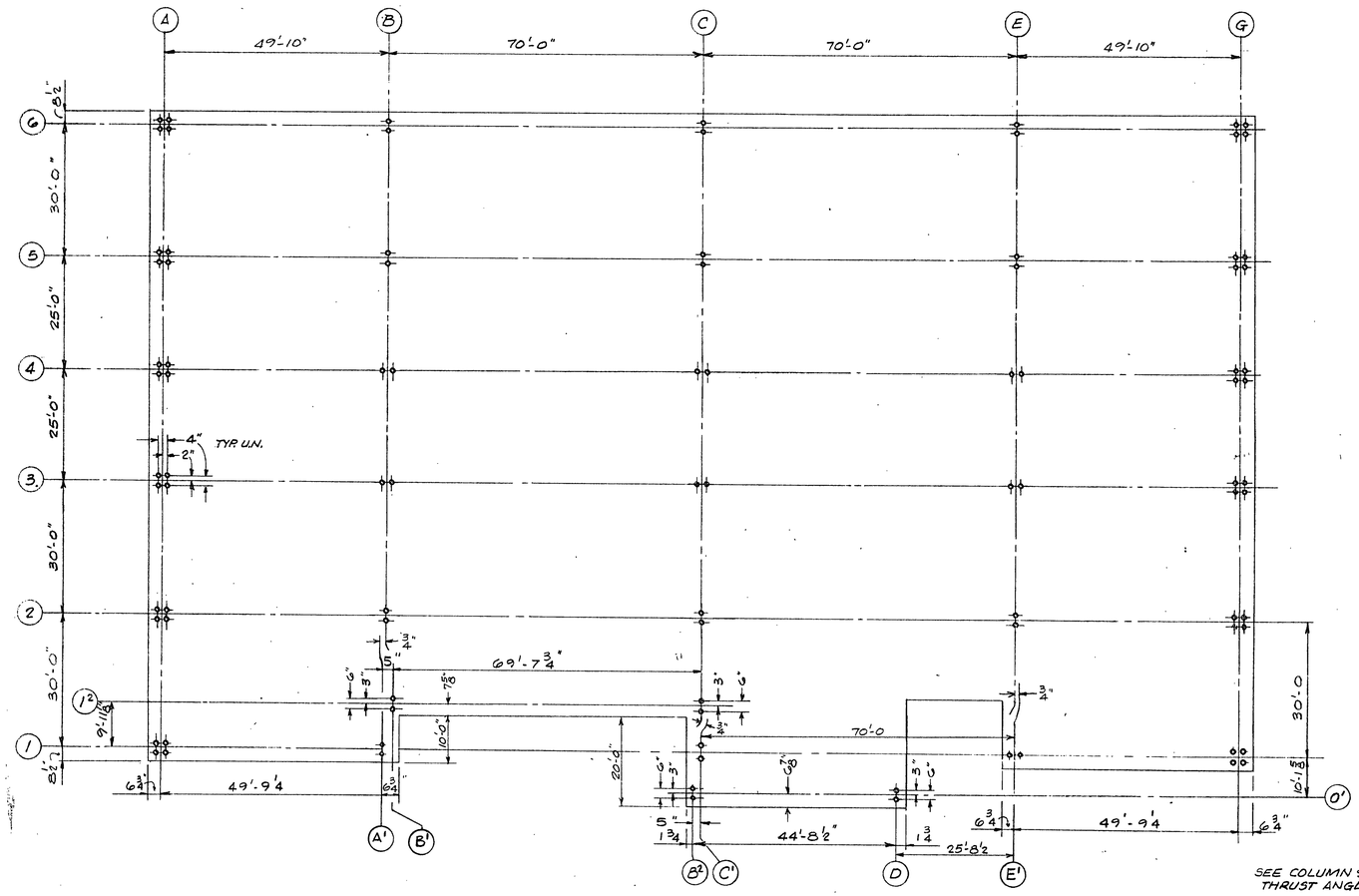
ADULT EDUCATION FACILITY

GROSSMONT UNION HIGH SCHOOL DISTRICT

1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIFORNIA

FOUNDATION PLAN, CONTINUED

DATE 4-30-73
DRAWN BY H.W.
JOB 69.6
SHEET SF-3 OF

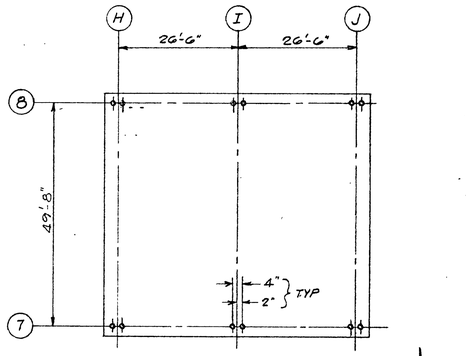


ANCHOR BOLT PLAN
MAIN BUILDING

SEE COLUMN SCHEDULE FOR THRUST ANGLE LOCATION

SEE FOUNDATION PLAN FOR TIE BAR SIZE & LOCATION

REVIEWED, APPROVED & FULL RESPONSIBILITY ASSUMED
BLAYLOCK-WILLIS & ASSOC
STRUCTURAL ENGINEERS
James A. Willis GE 1138



ANCHOR BOLT PLAN
PARENT EDUCATION BLDG

NOTE: ALL ANCHOR BOLTS SHALL BE ¾"ϕ x 1'-0" LG, PROJECT 4½" ABOVE BOTTOM OF POCKET & HAVE LEVELING NUTS.

STATE OFFICE OF ARCH. & CONST.	STATE FIRE MARSHAL	ARCHITECT	ENGINEER
STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES OFFICE OF ARCHITECTURE AND CONSTRUCTION 36131 APPROVED JUL 23 1973		C 1168	SE 917

MBMA METAL BUILDING MANUFACTURERS ASSOCIATION Copyright 1980

DATE	NO.	REVISIONS	BY	CK'D.
	1			
	2			
	3			
	4			
	5			
	6			

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BOLTS	UNLESS NOTED
HOLES	
PAINT	

DATE: MAR. 26, 1973
DRAWN: W. GRAY
CHECKED: W. GRAY
APPROVED:

PASCOE STEEL CORPORATION
COLUMBUS, GEORGIA POMONA, CALIFORNIA

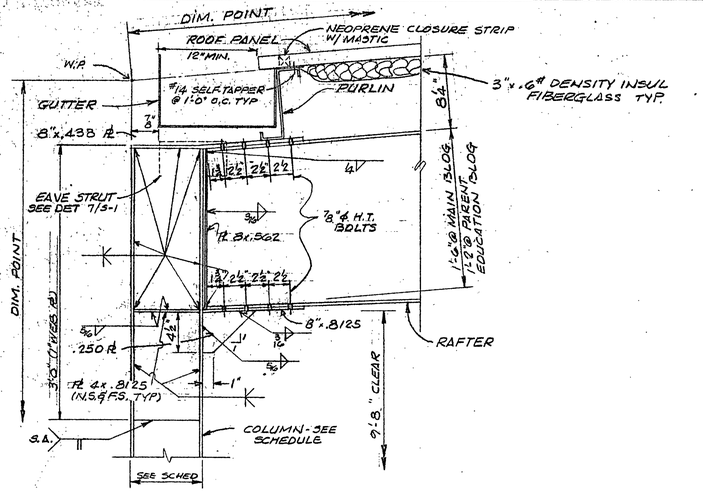
ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DIST
1550 MELODY LANE
EL CAJON, CALIFORNIA

ANCHOR BOLT SETTING PLANS

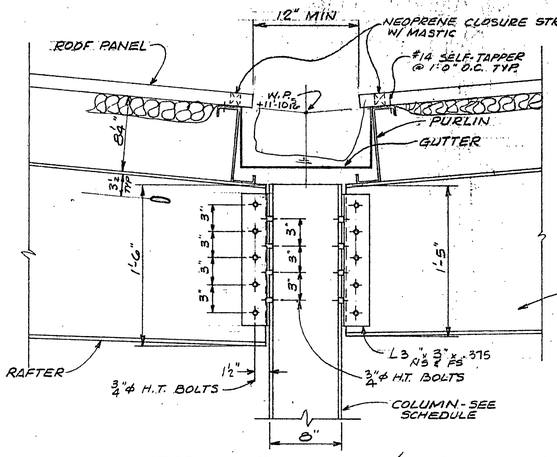
THIS JOB CONSISTS OF THE FOLLOWING DWGS:
F-1
S-1

DWG NO. 18-1

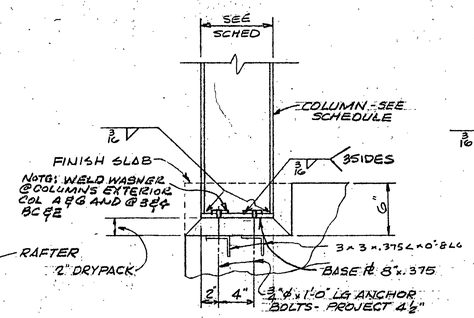
JOB NO. PM-413



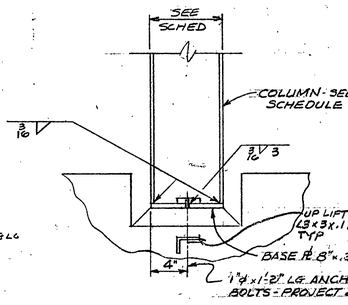
EAVE DETAIL (1/S-1)
SCALE: 1½"=1'-0"



INTERMEDIATE COLUMN/RAFTER CONN. (2/S-1)
SCALE: 1½"=1'-0"



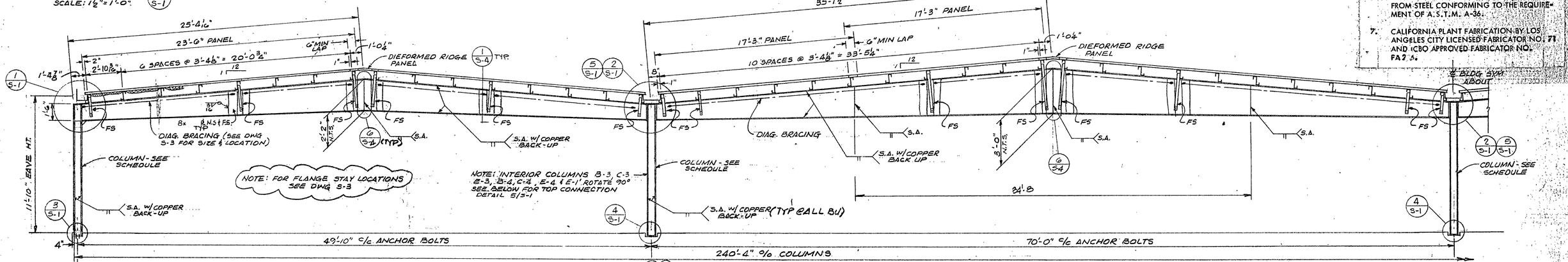
COLUMN BASE DETAIL (3/S-1)
SCALE: 1½"=1'-0"



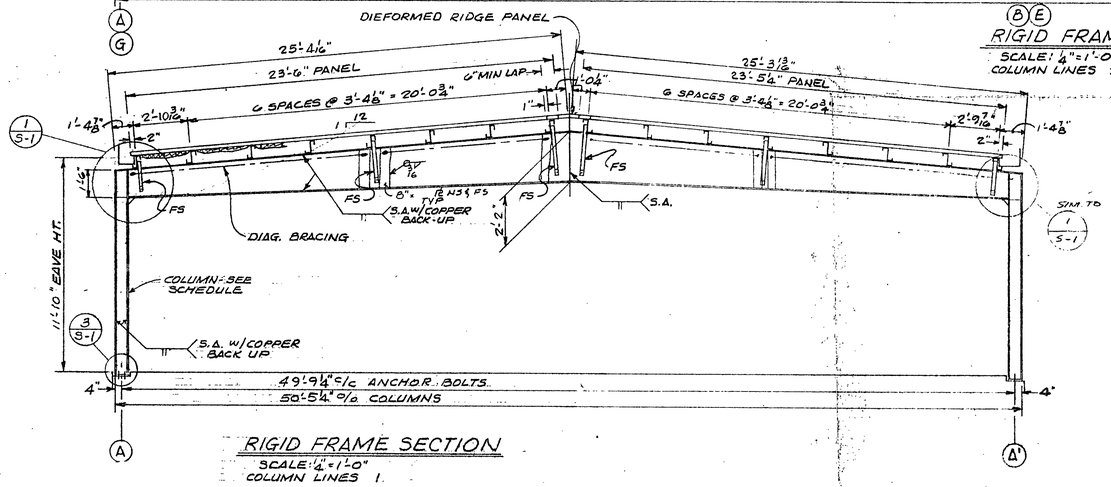
COLUMN BASE DETAIL (4/S-1)
SCALE: 1½"=1'-0"

GENERAL NOTES: RIGID FRAMES

1. ALL STRUCTURAL STEEL SHALL CONFORM TO THE CHEMISTRY REQUIREMENTS OF THE AMERICAN SOCIETY FOR TESTING AND MATERIALS SPECIFICATION A-36 WITH A MINIMUM GUARANTEED YIELD STRESS OF 36,000 POUNDS PER SQUARE INCH.
2. ALL AUTOMATIC WELDING SHALL BE DONE BY THE SHIELDED ARC PROCESS. WELDING SHALL BE DONE BY QUALIFIED WELDERS USING THE PROPER ELECTRODES FOR THE TYPE OF WELD BEING PERFORMED. USE E-70 ELECTRODES ONLY.
3. HIGH TENSILE BOLTS WITH HEAVY SEMI-FINISHED HEXAGON HEADS, HEAVY SEMI-FINISHED HEXAGON NUTS AND WASHERS SHALL CONFORM TO THE REQUIREMENTS OF A.S.T.M. A-325-X.
4. BOLTS SHALL BE INSTALLED WITH A HARDENED WASHER UNDER THE NUT OR BOLT HEAD, WHICHEVER IS THE ELEMENT TURNED IN TIGHTENING.
5. HIGH TENSILE BOLTS SHALL BE TIGHTENED ONE FULL TURN BEYOND FINGER TIGHT, OR IF IMPACT WRENCHES ARE USED, ONE HALF TURN BEYOND "SNUG". TORQUE WILL BE APPROXIMATELY 100 FT. POUNDS PER BOLT FOR 1/2" DIAMETER BOLTS, 355 FT. POUNDS FOR 3/4" BOLTS, 570 FT. POUNDS FOR 7/8" BOLTS, AND 850 FT. POUNDS FOR 1" BOLTS.
6. ALL DIAGONAL RODS SHALL BE FABRICATED FROM STEEL CONFORMING TO THE REQUIREMENT OF A.S.T.M. A-36.
7. CALIFORNIA PLANT FABRICATION BY LOS ANGELES CITY LICENSED FABRICATOR NO. 71 AND ICBO APPROVED FABRICATOR NO. FA2.5.

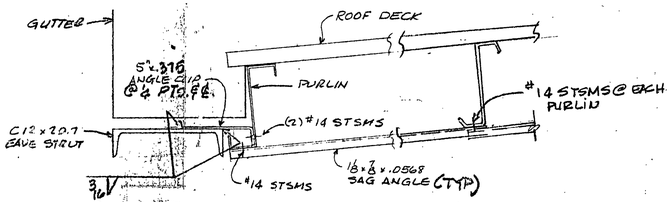


RIGID FRAME SECTION
SCALE: ¼"=1'-0"
COLUMN LINES 2, 3, 4, 5 & 6

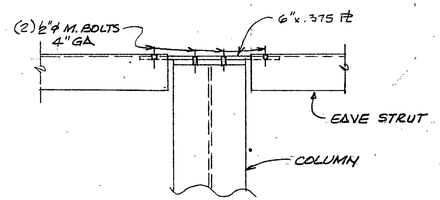


RIGID FRAME SECTION
SCALE: ¼"=1'-0"
COLUMN LINES 1

NOTE: FLANGE SPLICES SHALL BE WELDED PER THE A.I.S.C. MANUAL, SECTION 4, PAGE 181 WELDED JOINTS (FULL PENETRATION)



EAVE STRUT TO PURLIN CONN (6/S-1)
@ 4 PTS



DETAIL (7/S-1)
SCALE: 1½"=1'-0"

NOTE: FOR A/C DUCT OPENINGS SEE DWG S-6

REVIEWED, APPROVED AND FULL RESPONSIBILITY ASSUMED
BLAYLOCK-WILLIS & ASSOC.
STRUCTURAL ENGINEERS
James A. Willis SE 1138

STATE OFFICE OF ARCH & CONSTR.	STATE FIRE MARSHAL	ARCHITECT	ENGINEER
STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES OFFICE OF ARCHITECTURE AND CONSTRUCTION 36131 APPLICATION NO. APPROVED JUL 23 1973 PRINCIPAL ARCHITECTURAL ENGINEER		Arthur D. Becker C 1168	Richard C. Patterson SE 957

MBMA METAL BUILDING MANUFACTURERS ASSOCIATION Copyright 1965

DATE	NO.	REVISIONS	BY	CK'D.
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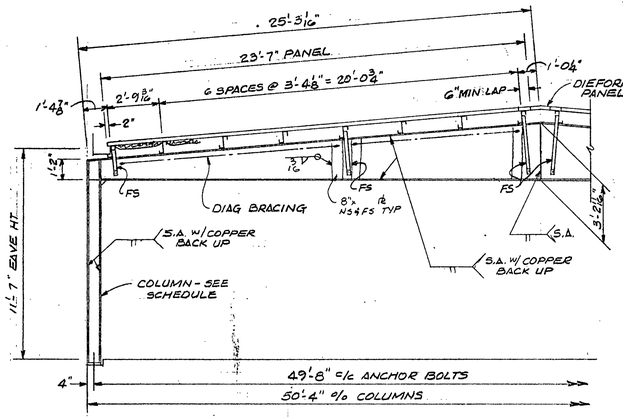
MAR 26 1973
DR. W. GRAY
CHECKED
APPROVED

PASCOE STEEL CORPORATION
COLUMBUS, GEORGIA POMONA, CALIFORNIA

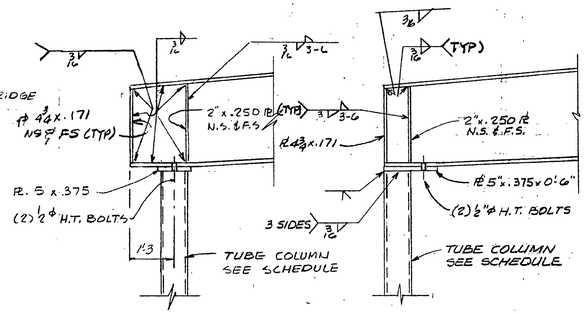
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GROSSMONT UNION HIGH SCHOOL DIST.
1550 MELODY LANE
EL CAJON, CALIFORNIA
RIGID FRAME SECTIONS & GEN. NOTES

THIS JOB CONSISTS OF THE FOLLOWING DWGS.
F-1
S-1

DWG NO. S-1
JOB NO. PM-413

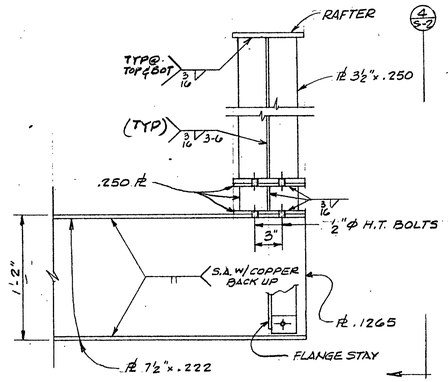


RIGID FRAME SECTION
SCALE: 1/4" = 1'-0"
COLUMN LINES H, I, J

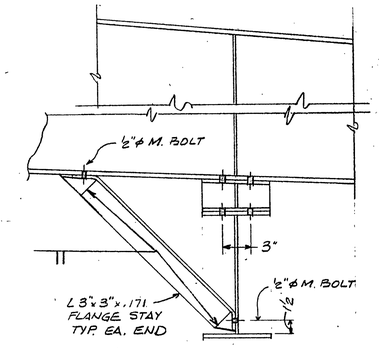


EAVE DETAIL @ B-1² (1, S-2)

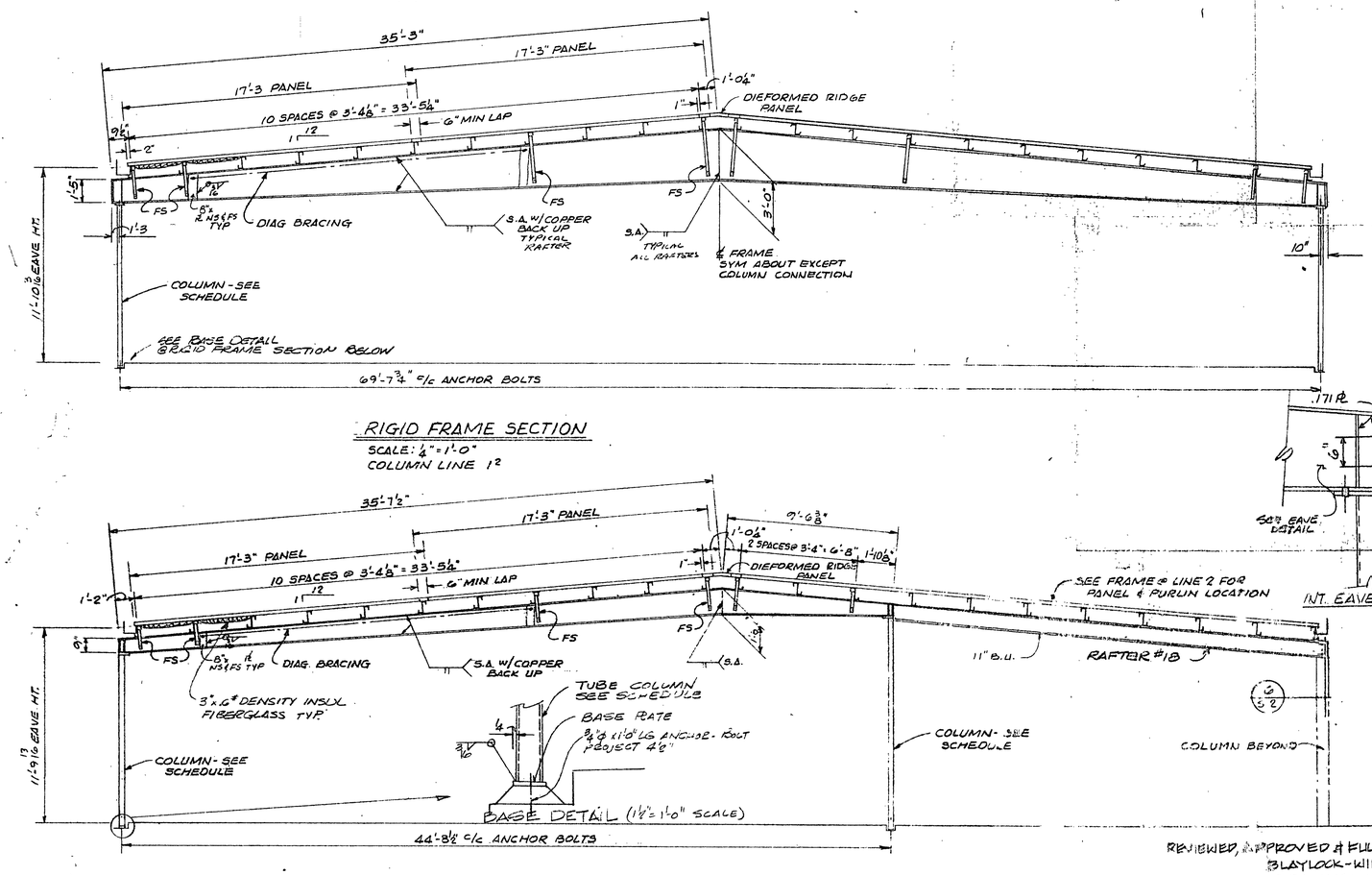
EAVE DETAIL (2, S-2)
SCALE: 1 1/2" = 1'-0"



SECTION (3, S-2)
SCALE: 1 1/2" = 1'-0"



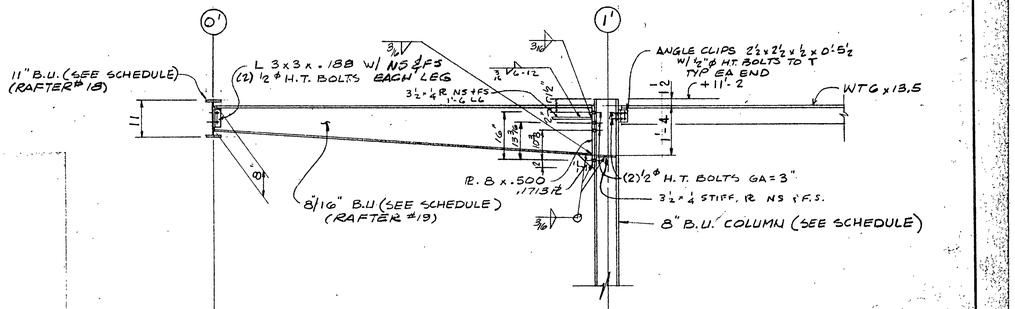
SECTION (4, S-2)
SCALE: 1 1/2" = 1'-0"

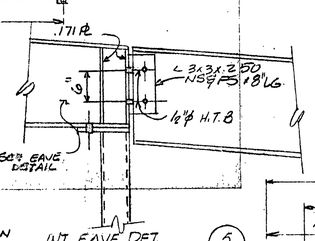


RIGID FRAME SECTION
SCALE: 1/4" = 1'-0"
COLUMN LINE 1²

BASE DETAIL (1 1/2" = 1'-0" SCALE)

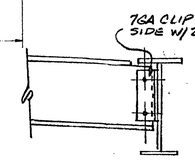
RIGID FRAME SECTION
SCALE: 1/4" = 1'-0"
COLUMN LINE 0'
RAFTER # 14 & #18

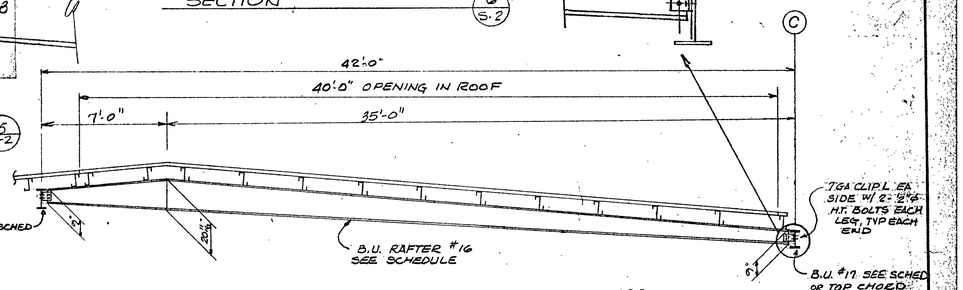




INT. EAVE DET. (5, S-2)

SECTION (6, S-2)





SECTION (7, S-2)

REVIEWED, APPROVED & FULL RESPONSIBILITY ASSUMED
BLAYLOCK-WILLIS & ASSOC.
STRUCTURAL ENGINEERS
James A. Willis SE 1138

STATE OFFICE OF ARCH & CONST.	STATE FIRE MARSHAL	ARCHITECT	ENGINEER
STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES, OFFICE OF ARCHITECTURE AND CONSTRUCTION. 36131 APPROVED JUL 23 1973 APPLICATION NO. Per [illegible] PRINCIPAL ARCHITECTURAL ENGINEER		C 11681	S 6957

DATE	NO.	REVISIONS	BY	CK'D.
	1			
	2			
	3			
	4			
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HOLES
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DATE: MAY 16, 1973
DRAWN: W. C. [illegible]
CHEC. ED:
APPROVED:

PASCOE STEEL CORPORATION
COLUMBUS, GEORGIA — POMONA, CALIFORNIA

ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DIST.
1550 MELODY LANE
EL CAJON, CALIFORNIA

RIGID FRAME SECTIONS AND DETAILS

THIS JOB CONSISTS OF THE FOLLOWING DWGS:
F-1
S-1

DWG NO. S-2
JOB NO. PM-413

METAL BUILDING MANUFACTURERS ASSOCIATION Copyright 1966

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

NOTE: ALL WEB FLANGE WELDS TO BE SQUARE BUTT SUBMERGED ARC WELD

NOTE: ALL DIAGONAL ROD ROOF BRACING SHALL BE 1/2"Ø UNLESS NOTED OTHERWISE.

REVIEWED, APPROVED & FULL RESPONSIBILITY ASSUMED
BLAYLOCK-WILLIS & ASSOC.
STRUCTURAL ENGINEERS
James A. Willis SE1138

OFFICE OF ARCH & CONSTR.
STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES
OFFICE OF ARCHITECTURE AND CONSTRUCTION
36131 APPROVED JUL 22
APPLICATION NO. By C.K. Ogden
STATE FIRE MARSHAL
ARCHITECT
Arthur D. Becker C 11682
ENGINEER
Robert Fitch SE 957

DATE	NO.	REVISIONS	BY	CK'D.
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	2			
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BOLTS / HOLES / PAINT — UNLESS NOTED

DATE: MAR 26, 1973
DRAWN: W. GRAY
CHECKED:
APPROVED:

PASCOE STEEL CORPORATION
COLUMBUS, GEORGIA — POMONA, CALIFORNIA

ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DIST.
1550 MELODY LANE
EL CAJON, CALIFORNIA

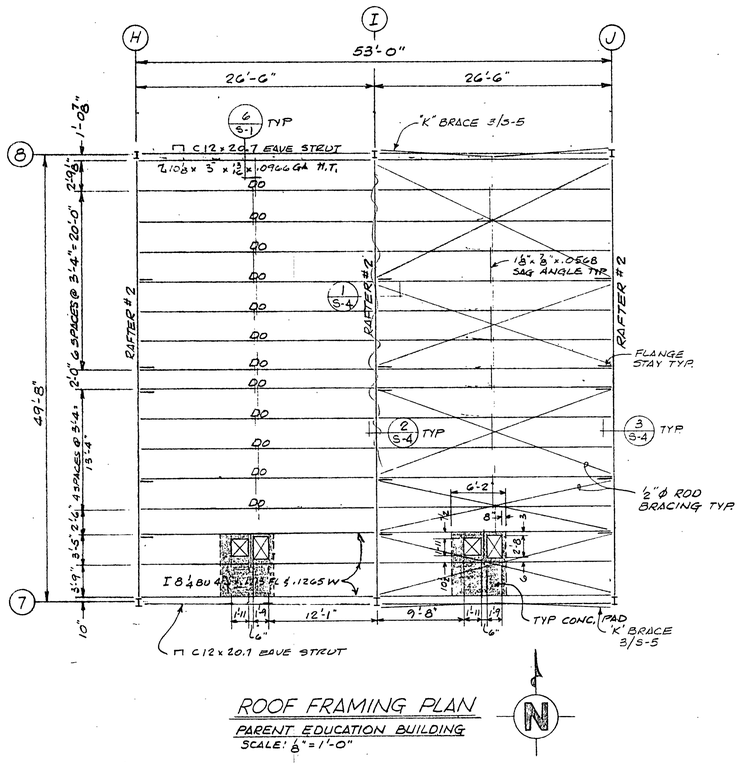
ROOF FRAMING PLAN (MAIN BUILDING)

THIS JOB CONSISTS OF THE FOLLOWING DWGS: F-1, S-1

DWG. NO. S-3

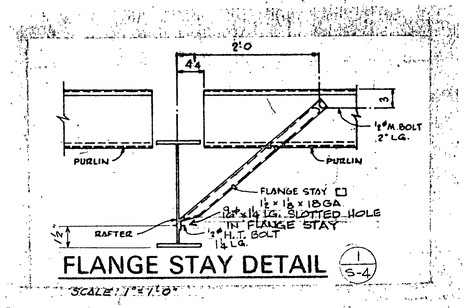
JOB NO. PM-413

MBMA METAL BUILDING MANUFACTURERS ASSOCIATION Copyright 1968



ROOF FRAMING PLAN

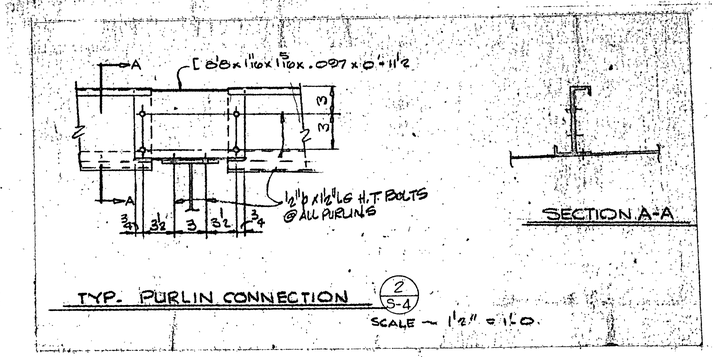
PARENT EDUCATION BUILDING
SCALE: 1/8"=1'-0"



FLANGE STAY DETAIL

1 S-4

SCALE: 1"=1'-0"



TYP. PURLIN CONNECTION

2 S-4

SCALE — 1 1/2" = 1'-0"

RAFTER SCHEDULE

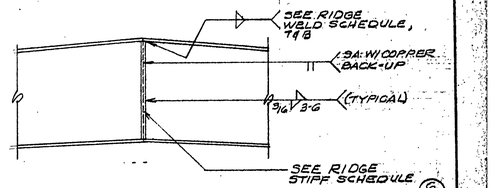
RAFTER Nº	RAFTER DEPTH	TOP & BTM FLANGES	WEB PLATES LT END	WEB PLATES RT END	CLIPS LT END	CLIPS RT END
1	18/26/18	8"x.375	.1864	—	—	.1864
2	18/26/18	8"x.4375	.1864	—	—	.1864
3	17/36/17	8"x.6875	.2162	.1864	.1864	.2162
4	17/36/17	8"x.750	.1718	.1864	.1864	.1718
5	17/36/17	8"x.5625	.1864	.1864	.1864	.1864
6	17/36/17	12"x.5625	.1718	.1718	.1718	.1718
7	17/36/17	8"x..625	.1718	.1864	.1864	.1718
8	17/36/17	8"x..625	.1718	.1864	.1864	.1718
9	17/36/17	8"x.750	.1564	.1718	.1718	.1564
10	17/36/17	8"x.5625	.1564	.1718	.1718	.1564
11	17/36/17	8"x.375	.1864	.1265	.1265	.1864
12	17/36/17	8"x.4375	.1564	.1265	.1265	.1864
13	17/36/17	8"x.4375	.1564	.1564	.1564	.1564
14	9/18 3/3	4 3/8"x.1713	.1265	—	—	.1265
15	17/36/17	6 1/4"x.202	.1564	.1864	.1564	.1564
16	9/16	4 3/8"x.1713	.1265	—	—	.1265
17	12	6 1/4"x.202	.1265	—	—	.1265
18	11	4 3/8"x.1713	.1265	—	—	.1265
19	8/16	8"x.500	.1265	—	—	.1265

RIDGE WELD SCHEDULE

WELD	RAFTER
5/16 FW	1, 2, 11, 12, 13, 14, 15, & 16
1/4 FW	3, 4, 5, 6, 7, 8, 9, & 10

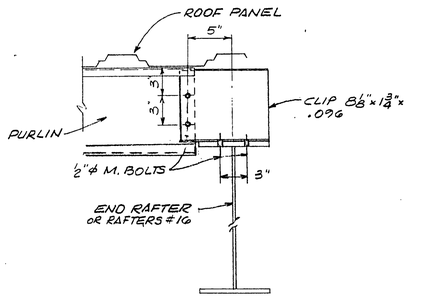
RIDGE STIFF SCHEDULE

PLATE	RAFTER
3 1/2 x .250	1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 13
5 1/2 x .250	6
2 1/4 x .250	14 & 16
3 x .250	15



RIDGE SPLICE DETAIL

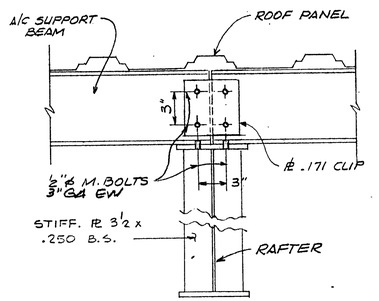
6 S-4



PURLIN CONNECTION AT ENDWALL AND AT OPENING IN ROOF

3 S-4

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



A/C BEAM CONNECTION

4 S-4

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

COLUMN SCHEDULE

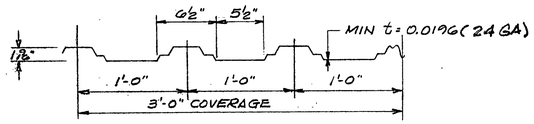
COLUMN	TYPE	FLANGES	WEB	BASE PLATE	ANCHOR BOLTS	THRUST ANGLE
A-2, A-3, A-4 & A-5 G-2, G-3, G-4 & G-5	10"BU	12"x.875	.250	12"x 3/4"x 1'-0"	4-2 1/4"ø	L 3"x 3"x 1/4" x 0'-8 LG
B-2, B-5, B-6, C-2 C-3, C-5, E-2, E-5 E-6, A'-1, C-1	8"BU	6 3/4"x.217	.2162	8"x 3/8"x 0'-8"	2-1 1/4"ø	—
B'-1 2, C-1 2 B'-0', 0'-0'	TUBE	3"x 3"x 5/16" TUBE		3 1/2"x 7/16"x 0'-8"	2-3/4"ø	—
B-3, B-4, C-3 C-4, E-3, E-4	12 BU	8"x.9375	.250	8"x 3/8"x 1'-0"	2-1 1/4"ø	L 3"x 3"x 1/4" 0'-8" LG
E-1'	8"BU	8"x.9375	.2152	8"x 3/8"x 0'-8"	2-1 1/4"ø	—
H-7, H-8, I-7 I-8, J-7, J-8	8"BU	8"x.9375	.2152	8"x 3/8"x 0'-8"	2-1 1/4"ø	L 3"x 3"x 1/4" 0'-8" LG
A-1 & A-6 G-1 & G-6	10"BU	8"x1.00	.2152	8"x 3/8"x 0'-10"	4-3/4"ø	L 3"x 3"x 1/4" 0'-8" LG

TYPICAL PURLIN

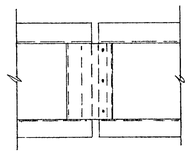
SPAN	"t"	A	B	C
19'-10 1/2"	0.078	8 1/4	2 3/8	3/4
25'-0"	0.0966	10 1/8	3	13/16
26'-6"	0.0966	10 1/8	3	13/16
30'-0"	0.0966	11 5/8	3	1 3/16
30'-0" A/C	0.087			

PURLIN CHART

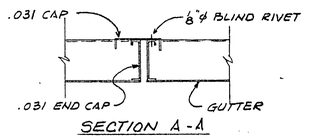
VALLEY GUTTER



ROOF PANEL SECTION

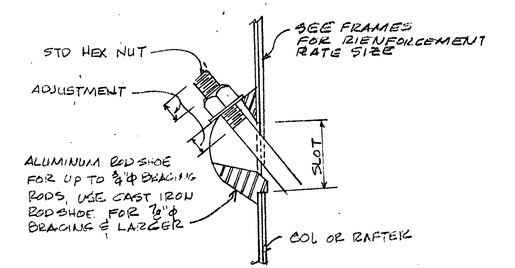


PLAN VIEW

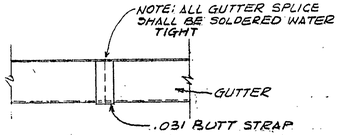


SECTION A-A

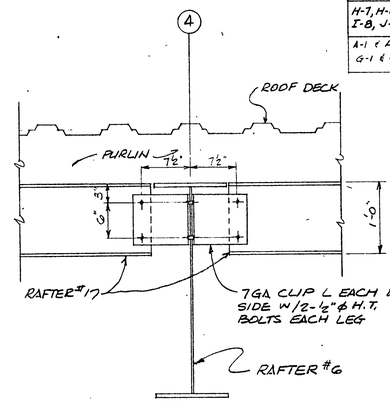
GUTTER EXPANSION JOINT



ROD SHOE DETAIL



GUTTER SPLICE



SECTION

5 S-4

SCALE: 1"=1'-0"

GENERAL NOTES:

1. ROOFING SHALL BE 24 GA ANTIQUE WHITE PASCOE PANELS.
2. PASCOE PANELS SHALL BE ATTACHED TO THE FRAMING MEMBERS WITH #14 x 1 1/4 LG ST SMS AT 1'0" ON CENTER.
3. A BEAD OF PERMANENTLY PLIABLE MASTIC SHALL BE APPLIED TO THE SIDE LAPS OF ALL PANELS. A DOUBLE BEAD SHALL BE APPLIED TO ALL END LAPS.
4. COLD FORMED STEEL SHALL BE FABRICATED FROM STEEL CONFORMING TO THE CHEMISTRY REQUIREMENTS OF THE A.S.T.M. SPECIFICATION A-375 WITH A MINIMUM GUARANTEED YIELD STRESS OF 33,000 POUNDS PER SQUARE INCH.
5. A STANDARD ROD SHOE WITH FLAT WASHER SHALL BE INSTALLED AT EACH END OF DIAGONAL BRACING.
6. ALL DIAGONAL RODS SHALL BE FABRICATED FROM STEEL CONFORMING TO REQUIREMENTS OF A.S.T.M. A-36.
7. HIGH STRENGTH BOLTS PER ASTM A325-X

REVIEWED, APPROVED & FULL RESPONSIBILITY ASSUMED
BLAYLOCK - WILLIS & ASSOC
STRUCTURAL ENGINEERS
James G. Willis SE 1138

STATE OFFICE OF ARCT & CONSTR	STATE FIRE MARSHAL	ARCHITECT	ENGINEER
STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES OFFICE OF ARCHITECTURE AND CONSTRUCTION 36131 APPROVED JUL 23 1973 APPLICATION NO. PRINCIPAL STRUCTURAL ENGINEER		C 11687	SE 987

MBMA METAL BUILDING MANUFACTURERS ASSOCIATION Organized 1960

DATE	NO.	REVISIONS	BY	CK'D
	1			
	2			
	3			
	4			
	5			
	6			

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BOLTS UNLESS NOTED
HOLES
PAINT

DATE MAR 26, 1973
DRAWN N. GRAY
CHECKED
APPROVED

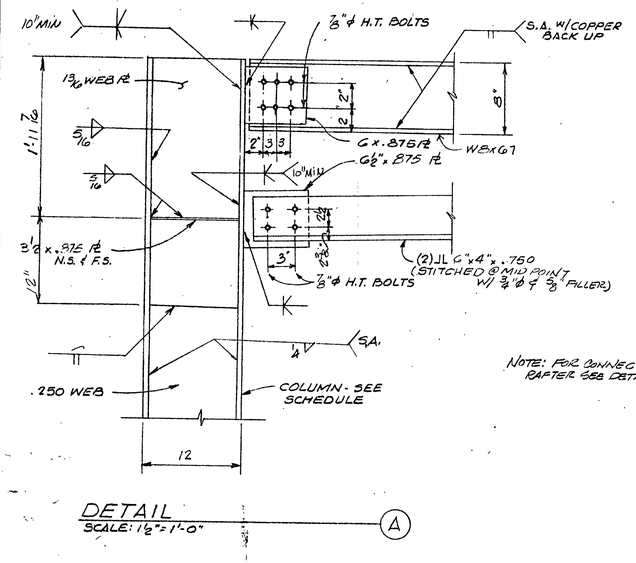
PASCOE STEEL CORPORATION
COLUMBUS, GEORGIA POMONA, CALIFORNIA

ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DIST.
1550 MELODY LANE
EL CAJON, CALIFORNIA

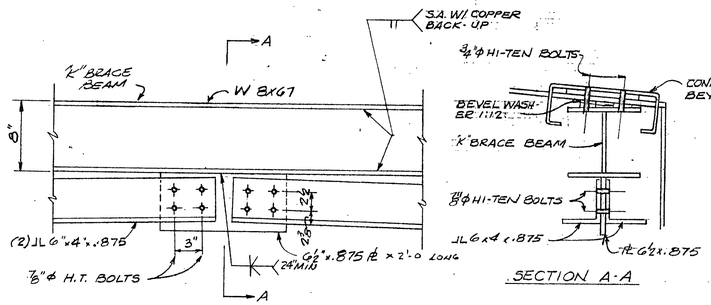
ROOF FRAMING PLAN (PARENT ED. BLDG.)

THIS JOB CONSISTS OF THE FOLLOWING DWGS:
F-1
S-1

DWG NO. S-6
JOB NO. PM-413

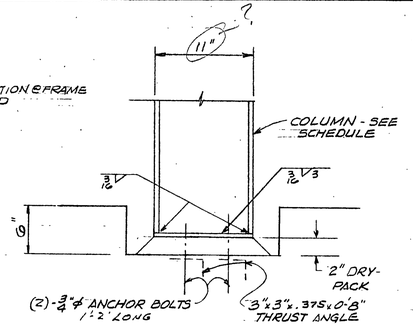


DETAIL (A)
SCALE: 1½"=1'-0"

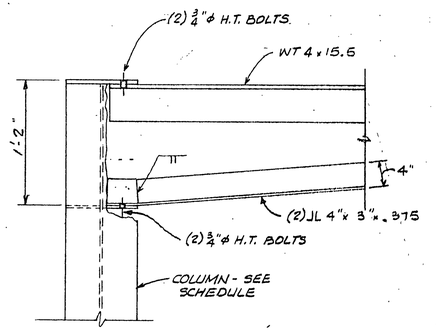


DETAIL (B)
SCALE: 1½"=1'-0"

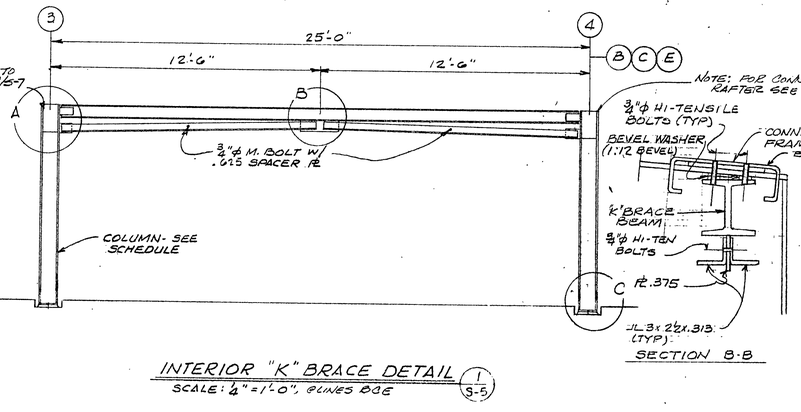
SECTION A-A



DETAIL (C)
SCALE: 1½"=1'-0"

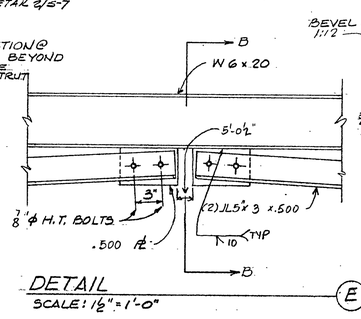


DETAIL (F)
SCALE: 1½"=1'-0"

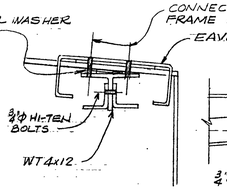


INTERIOR "K" BRACE DETAIL (1 S-5)
SCALE: ¼"=1'-0", BLINES BOE

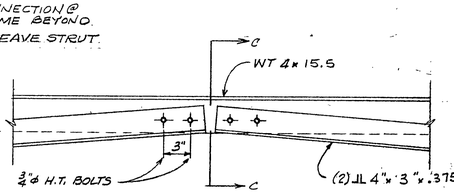
SECTION B-B



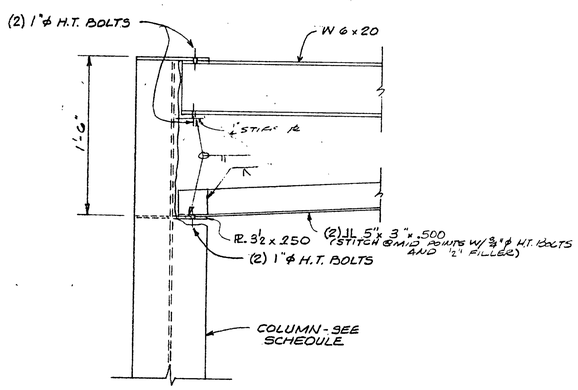
DETAIL (E)
SCALE: 1½"=1'-0"



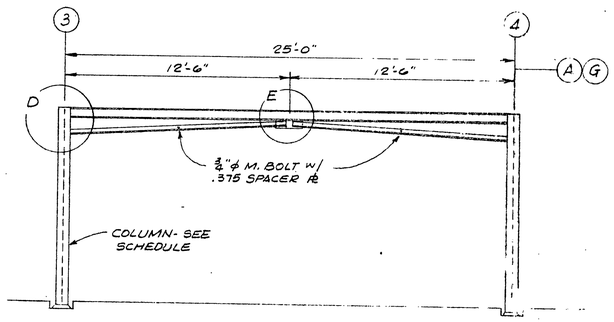
SECTION C-C



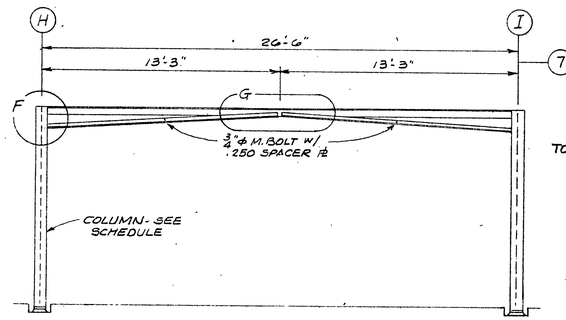
DETAIL (G)
SCALE: 1½"=1'-0"



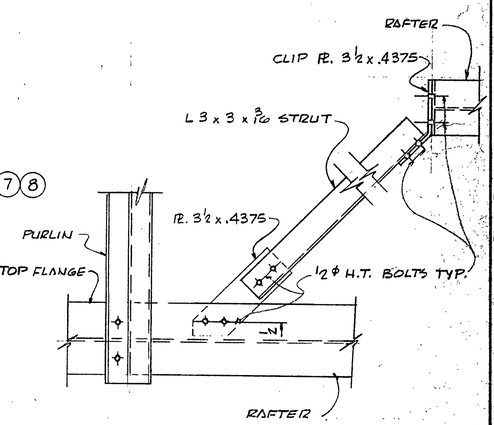
DETAIL (D)
SCALE: 1½"=1'-0"



EXTERIOR "K" BRACE DETAIL (2 S-5)
SCALE: ¼"=1'-0"



EXTERIOR "K" BRACE DETAIL (3 S-5)
SCALE: ¼"=1'-0"



ANGLE STRUT DETAIL (4 S-5)

REVIEWED APPROVED & FULL RESPONSIBILITY ASSUMED
PLATLOCK-WILLIS & ASSOC.
STRUCTURAL ENGINEERS
GE 1130

STATE OFFICE OF ARCH & CONSTR	ARCHITECT	STATE FIRE MARSHAL	ENGINEER
STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES OFFICE OF ARCHITECTURE AND CONSTRUCTION 36131 APPROVED JUL 2 3 1973 APPLICATION NO.	C 11608		50 957

MBMA METAL BUILDING MANUFACTURERS ASSOCIATION Copyright 1980

DATE	NO.	REVISIONS	BY	CK'D.
	1			
	2			
	3			
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DATE: APR 26, 1973
DRAWN: M. GRAY
CHECKED:
APPROVED:

PASCOE STEEL CORPORATION
COLUMBUS, GEORGIA POMONA, CALIFORNIA

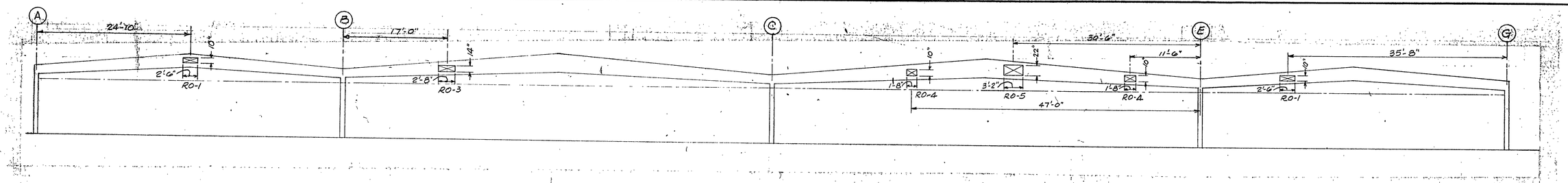
ADULT EDUCATION FACILITY
GRASSMONT UNION HIGH SCHOOL DIST.
1550 MELODY LANE
EL CAJON, CALIFORNIA

"K" BRACING DETAILS

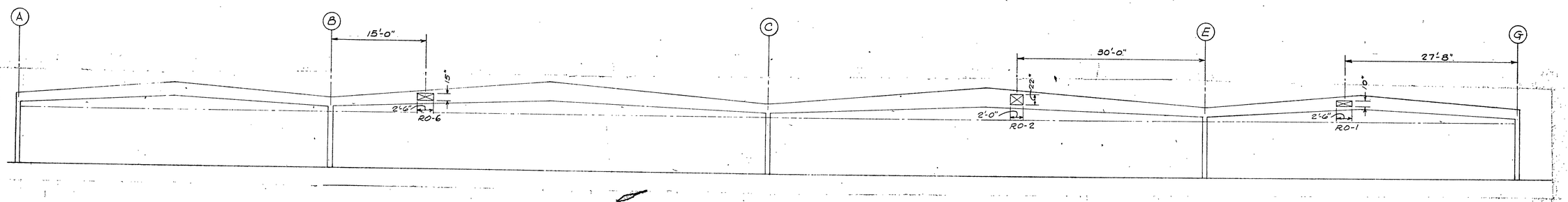
THIS JOB CONSISTS OF THE FOLLOWING DWGS.: F-1, S-1

DWG NO. S-5

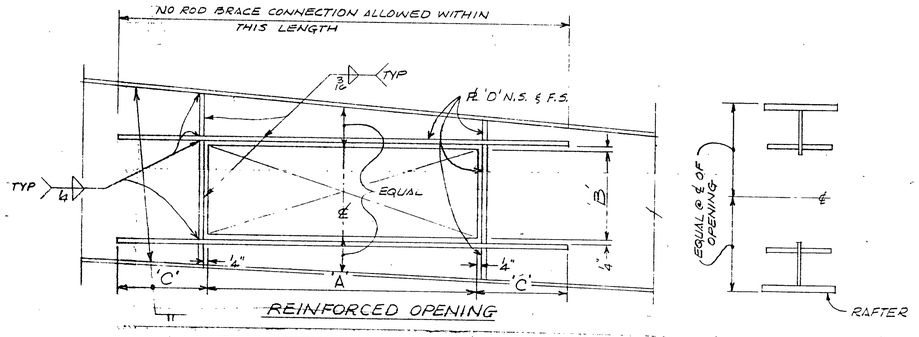
JOB NO. PM-413



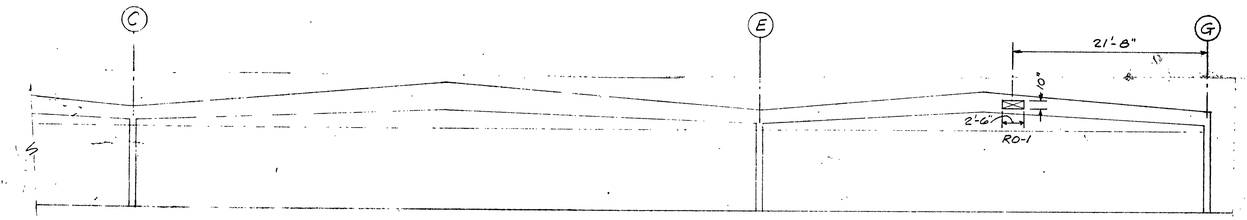
COLUMN LINE 5



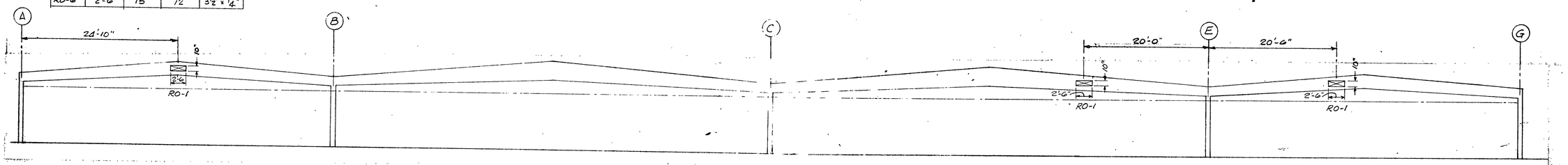
COLUMN LINE 4



	A	B	C	D
RO-1	2'-6"	10"	12"	3½"x¼"
RO-2	2'-0"	22"	2'-0"	3½"x¼"
RO-3	2'-8"	14"	2'-0"	3½"x½"
RO-4	1'-8"	10"	14	3½"x¼"
RO-5	3'-2"	22"	2'-0	3½"x½"
RO-6	2'-6"	15"	12	3½"x¼"



COLUMN LINE 3



COLUMN LINE 2

REVIEWED APPROVED & FULL RESPONSIBILITY ASSUMED
M. A. LOCK-WILLIS & ASSOC.
STRUCTURAL ENGINEERS
James A. Willis GE1138
James A. Willis

STATE OFFICE OF ARCH & CONSTR	ARCHITECT	STATE FIRE MARSHAL	ENGINEER
STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES 36131 APPROVED JUL 22 19.. EXPIRATION DATE	Arthur D Darken Arthur D Darken C 11168		

MBMA METAL BUILDING MANUFACTURERS ASSOCIATION Copyright 1960

DATE	NO.	REVISIONS	BY	CK'D
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	3			
	4			
	5			
	6			

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DATE 7-73
DRAWN GRAY
CHECKED
APPROVED

PASCOE STEEL CORPORATION
COLUMBUS, GEORGIA POMONA, CALIFORNIA

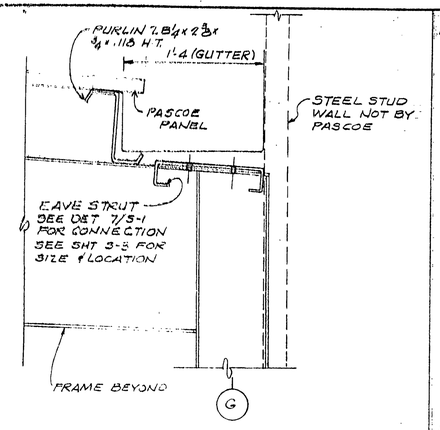
ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DIST.
1550 MELODY LANE
EL CAJON, CALIFORNIA

REINFORCED A/C OPENINGS IN RAFTERS

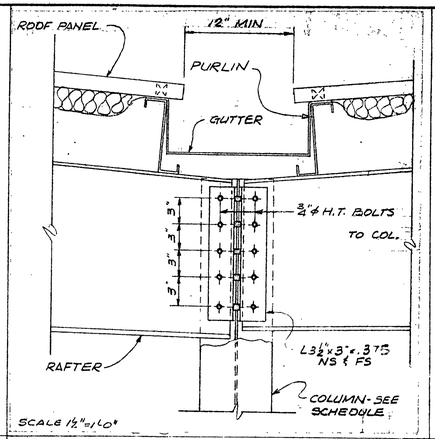
THIS JOB CONSISTS OF THE FOLLOWING DWGS: F-1, S-1

DWG NO. S-6

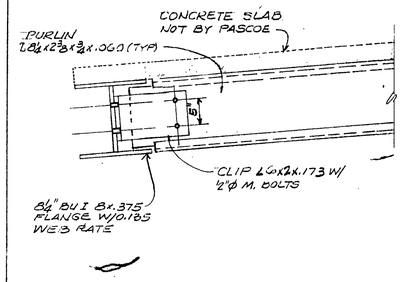
JOB NO. PM-413



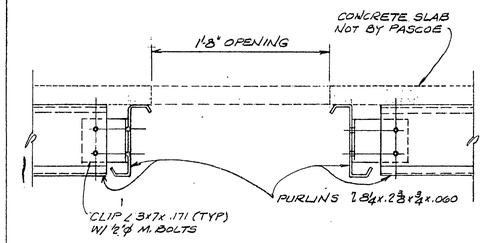
GUTTER DETAIL @ LINE Q | 1



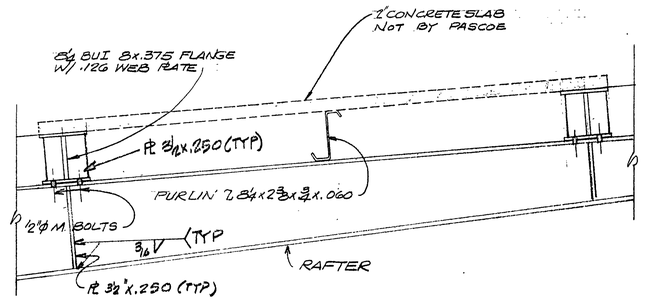
INTERMEDIATE COLUMN/RAFTER CONN | 2



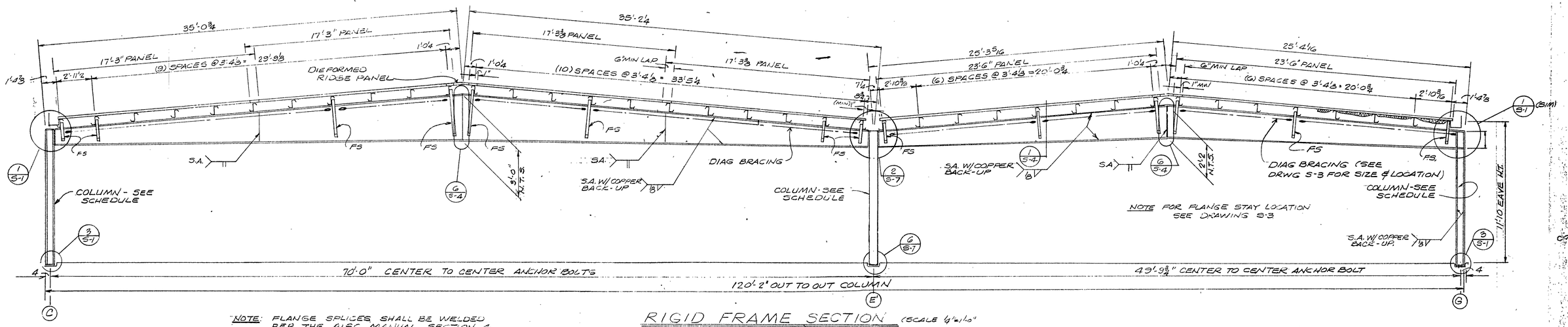
A.C. SUPPORT FRAME | 3



A.C. SUPPORT FRAME DETAIL | 4



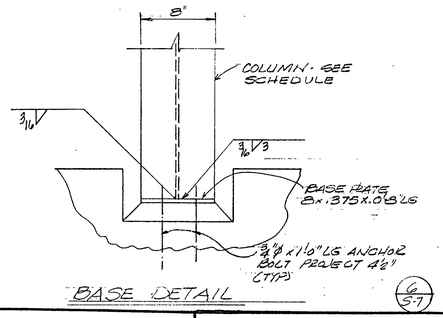
A.C. SUPPORT FRAME TO RAFTER DETAIL | 5



NOTE: FLANGE SPLICES SHALL BE WELDED PER THE AISC MANUAL SECTION 4 PAGE 181 WELDED JOINTS (FULL PENETRATION)

RIGID FRAME SECTION (SCALE ¼"=1'0")

(@ COLUMN LINE 1)



BASE DETAIL

PREVIOUS APPROVALS AND FULL RESPONSIBILITY ASSUMED.
Ya Wang
SE # 11376

STATE OFFICE OF ARCH & CONSTR.	ARCHITECT	STATE FIRE MARSHAL	ENGINEER
36131 APPROVED JUL 23 1973	Austin C Dehlinger C 11163		

MBMA METAL BUILDING MANUFACTURERS ASSOCIATION Copyright 1968

DATE	NO.	REVISIONS	BY	CK'D
	1			
	2			
	3			
	4			
	5			
	6			

*THIS DRAWING IS NOT TO SCALE UNLESS OTHERWISE NOTED. DIMENSIONS GOVERN. DO NOT SCALE.

BOLTS / WELDED / PAINT — UNLESS NOTED

DATE: JULY 16, 1973
DRAWN: W. GRAY
CHECKED:
APPROVED:

PASCOE STEEL CORPORATION
COLUMBUS, GEORGIA POMONA, CALIFORNIA

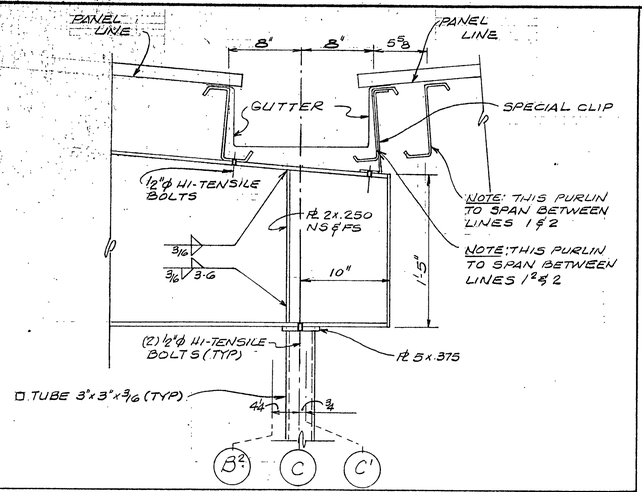
ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE
EL CAJON, CALIFORNIA

MISCELLANEOUS DETAILS

THIS JOB CONSISTS OF THE FOLLOWING DWGS: F-1, S-1

DWG NO. S-7

JOB NO. PM-413



SECTION THRU GUTTER @LINE 1 - B², C, & C'

1

REVIEWED, APPROVED AND FULL RESPONSIBILITY ASSUMED
BLAYLOCK-WILLIS & ASSOC.
STRUCTURAL ENGINEERS
James A. Willis SE 1138

STATE OFFICE OF ARCH & CONSTR.	STATE FIRE MARSHAL	ARCHITECT	ENGINEER
36131 APPROVED JUL 23 1973		Arthur D. Dreher C 1168	Edward C. Jaffe SE 957

MBMA METAL BUILDING MANUFACTURERS ASSOCIATION Copyright 1982

DATE	NO.	REVISIONS	BY	CK'D.
	1			
	2			
	3			
	4			
	5			
	6			

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BOLTS / HOLES / PAINT — UNLESS NOTED

DATE
DRAWN
CHECKED
APPROVED

PASCOE STEEL CORPORATION
COLUMBUS, GEORGIA POMONA, CALIFORNIA

ADULT EDUCATION FACILITY

MISC DETAILS.

THIS JOB CONSISTS OF THE FOLLOWING DWGS:
F-1
S-1

DWG NO. S-8

JOB NO. PM-413

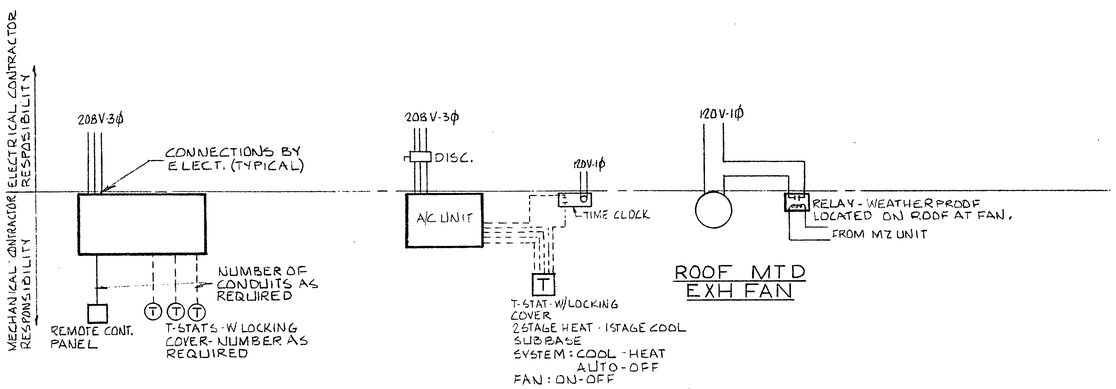
EQUIPMENT SCHEDULE

ITEM	SYMBOL	DESCRIPTION		ELECT. CHARACTER. ALLOWABLE HP	FLA	LRA	VOLT	PHASE	CAPACITIES COOLING BTU	TON	HEATING BTU INPUT	OUTPUT	CFM	MAX. EXT. S.P.	TEMPERATURES COOLING EDB	EWB	LDB	LWB	HEATING EDB	LDB	AMB	*AIR FILTERS QUANT	SIZE	BLDG. SERVED	REMARKS
1	MZ-1	PACKAGED AIR COOLED MULTI-ZONE UNIT	COMP.	—	141	720	208	3	343,000	28.5	500,000	400,000	12000	1	80	64	55.2	54.7	67	98	102	12	20"x20"x2"	MAIN	1. IF BLOW THROUGH TYPE UNIT IS USED TOTAL REQUIRED COOLING CAPACITY MAY BE REDUCED BY 5% AND SENSIBLE CAPACITY BY 5%. AIR QUANTITIES REMAIN AS LISTED. 2. LISTED EXTERNAL S.P. DOES NOT INCLUDE FILTERS. 3. SEE SPEC. FOR SPECIAL INSULATION AND VIBRATION ISOLATION REQUIREMENTS. 4. TEMPERATURES LISTED ARE ENTERING AND LEAVING THE UNIT. 5. PROVIDE PART WINDING START. 6. ALL UNITS OVER 400,000 BTU. MUST PROVIDE SMOKE DETECTORS TO TURN OFF FAN. M1009 TITLE 24
			COND.	—	14.1	66																			
			SUP. FAN	10	31	194																			
			RET. FAN	5	17	102							12000	1/2											
2	MZ-2		COMP.	—	94	480			259,000	21.6	375,000	320,000	9900	1			55.8	54.6		97					
			COND.	—	15	88																			
			SUP. FAN	7 1/2	25	155																			
			RET. FAN	3	11	70							9900	1/2											
3	MZ-3		COMP.	—	94	480			262,000	21.8			9800	1			55.5	54.5		97					
			COND.	—	15	88																			
			SUP. FAN	7 1/2	25	155																			
			RET. FAN	3	11	70							9800	1/2											
4	MZ-4	PACKAGED AIR COOLED MULTI-ZONE UNIT	COMP.	—	94	480			287,000	24.6	375,000	320,000	11000	1			54.9	54.6		94		12		MAIN	
			COND	—	15	88																			
			SUP. FAN	7 1/2	25	155																			
			RET FAN	3	11	70							11000	1/2											
5	AC-1 AND AC-2	PACKAGED AIR CONDITIONING UNIT	COMP.	—	24	110			50,000	4.2	110,000	82500	2000	.65	80	64	58.6	54.8	67	105	102	2	20"x20"x2"	ADULT ED.	1. LISTED EXTERNAL S.P. INCLUDES FILTERS. 2. CONTROL THROUGH TIME CLOCK LOCATED IN CUSTODIAN RM # 5
			COND.	1/3	—	—																			
			SUP. FAN	3/4	—	—	208	3																	
6	EF-1	EXHAUST FAN (ROOF MOUNTED)		1/4	—	—	120	1	—	—	—	—	1600	1/2	—	—	—	—	—	—	—	—	—	MAIN	SWITCH WITH RELAY FROM SUPPLY FAN IN MZ-1
7	EF-2			1/6	—	—			—	—	—	—	750	1/2	—	—	—	—	—	—	—	—	—	MAIN	SWITCH WITH RELAY FROM SUPPLY FAN IN MZ-2
8	EF-3			1/6	—	—			—	—	—	—	650	1/2	—	—	—	—	—	—	—	—	—	MAIN	SWITCH WITH RELAY FROM SUPPLY FAN IN MZ-1
9	EF-4			1/6	—	—			—	—	—	—	200	1/2	—	—	—	—	—	—	—	—	—	ADULT ED.	SWITCH WITH LIGHTS
10	EF-5	EXHAUST FAN (ROOF MOUNTED)		1/6	—	—	120	1	—	—	—	—	800	1/2	—	—	—	—	—	—	—	—	—	MAIN	SWITCH WITH RELAY FROM SUPPLY FAN IN MZ-3
11	EF-6	EXHAUST FAN (ROOF MOUNTED)		1/6	—	—	120	1	—	—	—	—	600	1/2	—	—	—	—	—	—	—	—	—	MAIN	SWITCH WITH RELAY FROM SUPPLY FAN IN MZ-3

*1. MAXIMUM FILTER VELOCITY 375 FPM.
2. LIMIT FILTERS TO ONLY TWO SIZES FOR COMPLETE JOB.

LEGEND

⊠	SUPPLY DUCT SECTION
⊡	RETURN OR EXHAUST DUCT SECTION
⟿	DIRECTION OF AIR FLOW
SA.	SUPPLY AIR
RA.	RETURN AIR
EA.	EXHAUST AIR
ER	EXHAUST REGISTER
REG.	REGISTER
C.D.	CEILING DIFFUSER
GR	GRILLE
CFM.	CUBIC FEET PER MINUTE



MZ-UNIT

PACKAGED A/C UNIT

CONTROL DIAGRAM

— LINE VOLTAGE
--- LOW VOLTAGE

APPROVED BY DISTRICT BOARD OF TRUSTEES

APPROVED STATE FIRE MARSHAL STATE OF CALIFORNIA

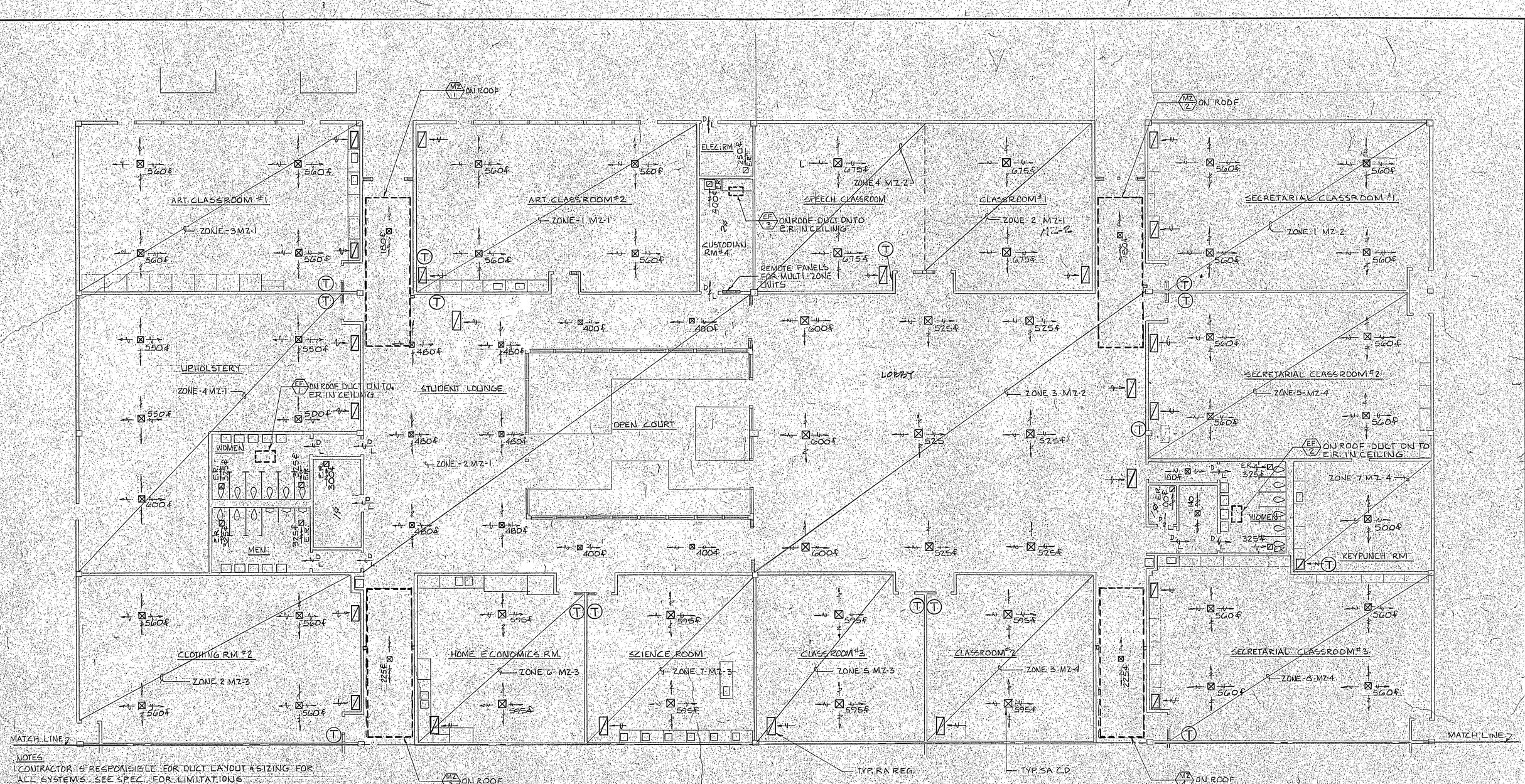
36181 APPROVED JUL 2 5

ARTHUR D. DECKER, ARCHITECT
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

ARCHITECT C-11163

ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
EL CAJON SAN DIEGO COUNTY CALIFORNIA
SCHEDULE, CONTROL DIAGRAM & LEGEND

DATE
DRAWN BY D.E.D
JOB 69.6
SHEET M-1
OF



NOTES

1. CONTRACTOR IS RESPONSIBLE FOR DUCT LAYOUT & SIZING FOR ALL SYSTEMS. SEE SPEC. FOR LIMITATIONS
2. ALL RETURN SYSTEMS MUST BE FULLY DUCTED
3. SUBMIT DRAWINGS OF ALL SYSTEMS FOR APPROVAL. ROUTE DUCT WORK TO AVOID PLUMBING LINES.
4. RETURN AIR REGISTERS TO BE SIZED FOR 100% RETURN INITIALLY & BALANCED FOR 90% RETURN
5. FIRE DAMPERS REQUIRED AT ALL PENETRATIONS OF FIRE SEPERATIONS - SEE ARCHITECTURAL DRAWINGS FOR LOCATION OF FIRE SEPARATION.

AIR CONDITIONING PLAN NORTH PORTION OF MAIN BUILDING

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

REGISTERED PROFESSIONAL ENGINEER — MECHANICAL — STATE OF CALIFORNIA

APPROVED
DEPARTMENT OF EDUCATION
SAN DIEGO COUNTY
APR 25 1973
A. TED DIXON
Superintendent of Schools

STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES — OFFICE OF ARCHITECTURE AND CONSTRUCTION
APPLICATION NO. 36191
APPROVED JUL 23 1973

APPROVED BY DISTRICT BOARD OF TRUSTEES
GROSSMONT UNION HIGH SCHOOL DISTRICT
BY: Assistant Secretary of the Governing Board

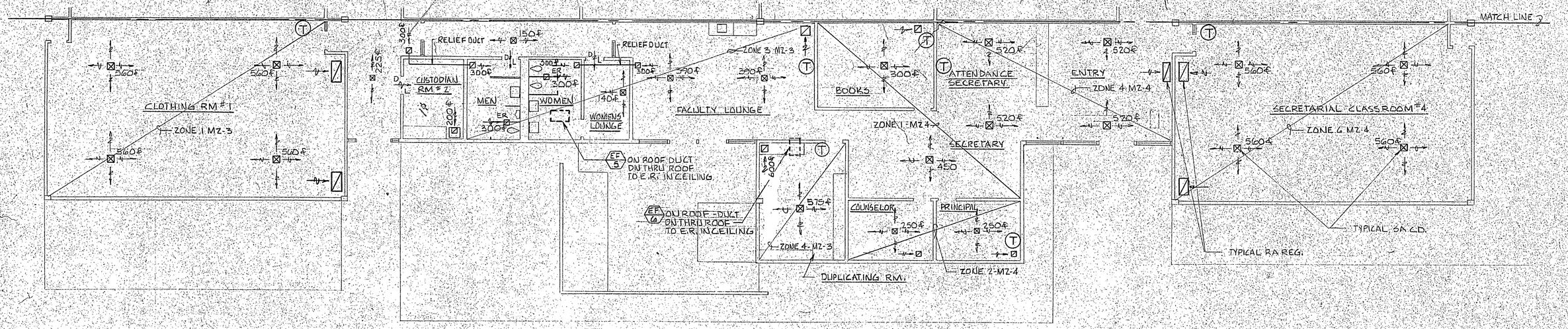
APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
JUL 20 1973
BY:

ARTHUR D. DECKER, ARCHITECT
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

ARCHITECT C-1168

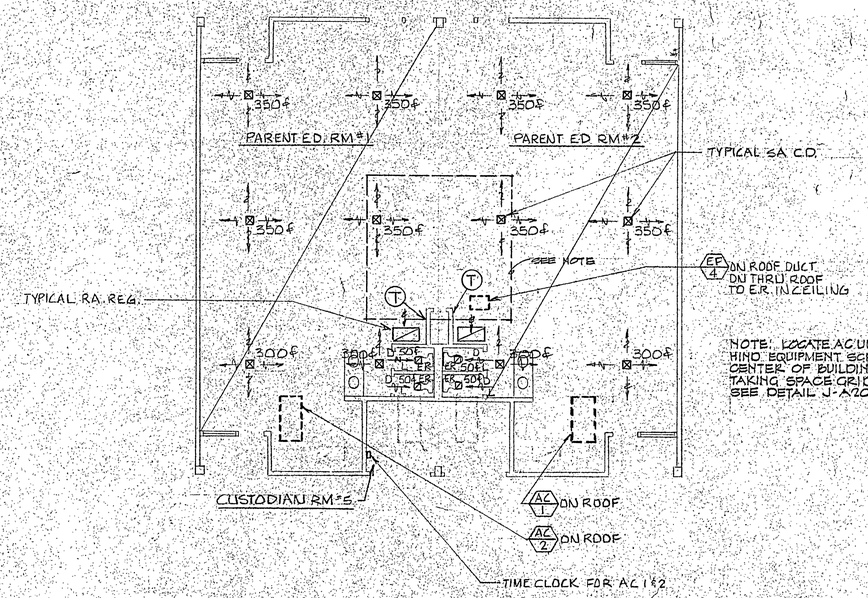
ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
EL CAJON — SAN DIEGO COUNTY — CALIFORNIA
AIR CONDITIONING PLAN

DATE
DRAWN BY D.E.D.
JOB 69.6
SHEET M-2
OF



AIR CONDITIONING PLAN SOUTH PORTION OF MAIN BUILDING

SCALE: 1/8" = 1'0"



AIR CONDITIONING PLAN-PARENT EDUCATION BUILDING

SCALE: 1/8" = 1'0"

REGISTERED PROFESSIONAL ENGINEER — MECHANICAL — No. 16380 — STATE OF CALIFORNIA

APPROVED
DEPARTMENT OF EDUCATION
SAN DIEGO COUNTY
APR 25 1973

STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES
OFFICE OF ARCHITECTURE AND CONSTRUCTION
36131 APPROVED JUL 23 1973

APPROVED BY DISTRICT BOARD OF TRUSTEES
GROSSMONT UNION HIGH SCHOOL DISTRICT
By ____ Authorized Agent of the Governing Board

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
By JUL 6 1973

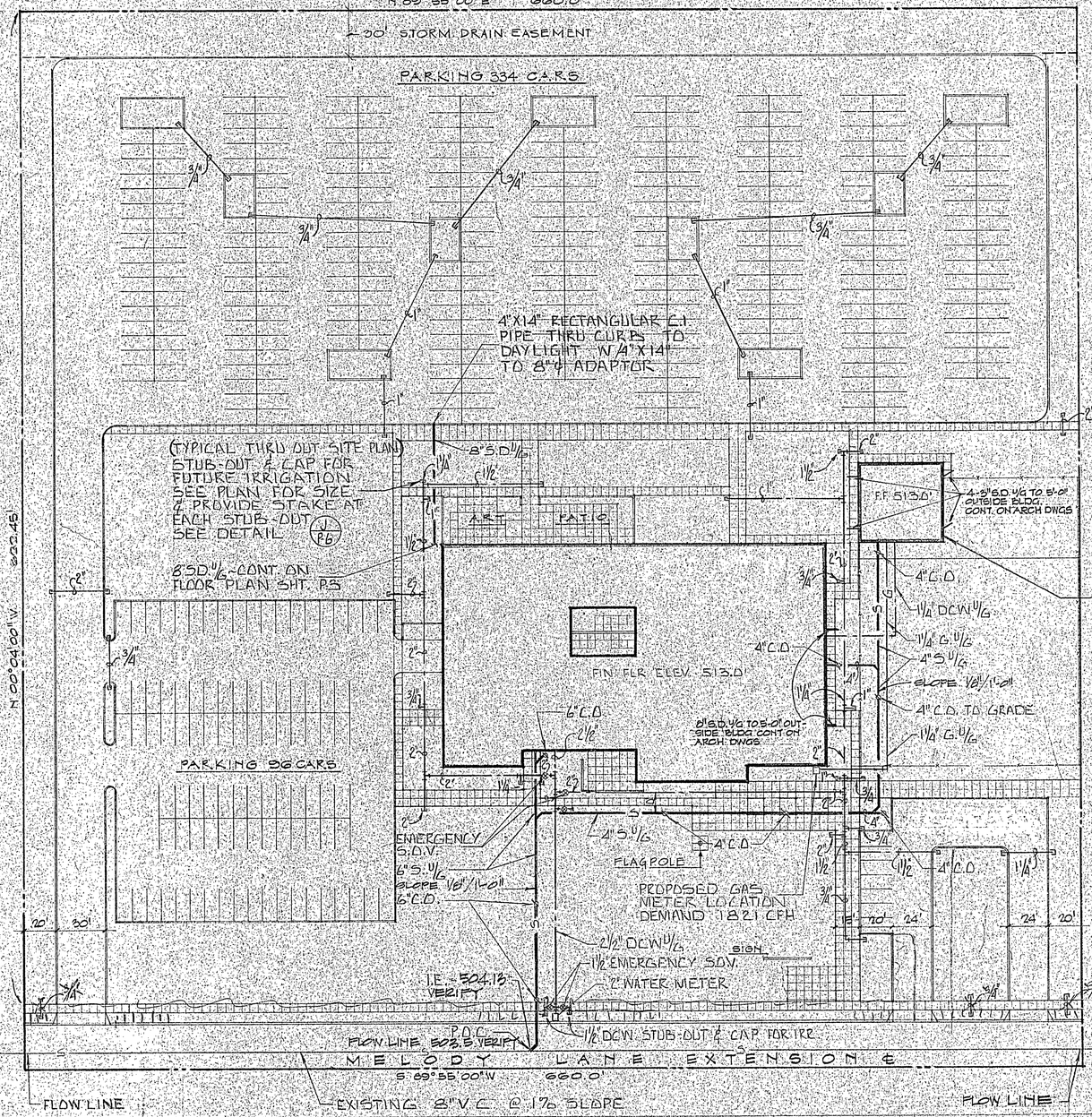
ARTHUR D. DECKER, ARCHITECT
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

ARCHITECT C-1166

ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
EL CAJON SAN DIEGO COUNTY CALIFORNIA

AIR CONDITIONING PLAN

DATE
DRAWN BY D.E.D.
JOB 69.6
SHEET M-3 OF



PLUMBING SITE PLAN

SCALE 1" = 40'

NORTH

REGISTERED PROFESSIONAL ENGINEER — ARTHUR D. DECKER — MECHANICAL — STATE OF CALIFORNIA

APPROVED
DEPARTMENT OF EDUCATION
SAN DIEGO COUNTY
APR 25 1973
Where final plans approved in accordance with Educ. Code Section 12403
ALTED DIXON
Superintendent of Schools

STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES
OFFICE OF ARCHITECTURE AND CONSTRUCTION
36131 APPROVED JUL 23 1973
Application No.
Principal Structural Engineer

APPROVED BY DISTRICT BOARD OF TRUSTEES
GROSSMONT UNION HIGH SCHOOL DISTRICT
By
Assistant Secretary of the Governing Board

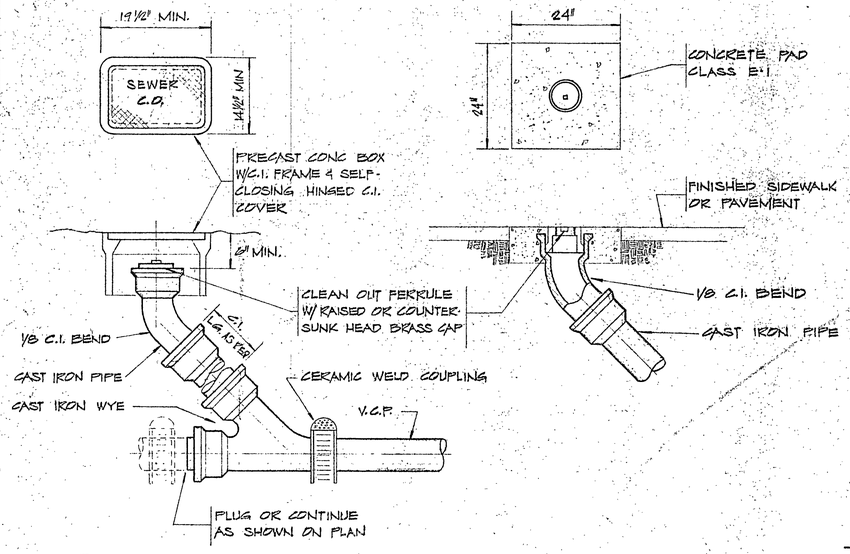
APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
JUL 20 1973
BY

ARTHUR D. DECKER, ARCHITECT
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

ARCHITECT C-1168

ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE, EL CAJON, SAN DIEGO COUNTY, CALIFORNIA
PLUMBING - SITE PLAN

DATE: DEC. 1972
DRAWN BY:
JOB 69-6
SHEET P-1
OF



A / P2 TY PICAL CLEAN OUT DETAIL

DOMESTIC WATER CALCULATIONS

TYPE OF FIXTURE	BUILDING SUPPLY			BRANCH TO H.W. HEATER		
	NO FIX.	F.U. EA	TOTAL F.U.	NO. FIX	F.U.	TOTAL F.U.
WATER CLOSET F.V.	18	10	180			
WATER CLOSET F.T.	4	5	20			
URINAL	4	5	20			
LAVATORY	22	2	44	22	¾ X 44	33
HOSE BIBB	6	5	30			
SINK	17	2	34	17	¾ X34	25½
SERVICE SINK	3	4	12	3	¾ X 12	9
DRINKING FOUNTAIN	4	1	4			
KITCHEN SINK	2	4	8	2	¾ X 8	6
DISHWASHER	1	4	4	1	4	4
TOTAL FIXTURE U.			356			77½
DEMAND G.P.M.			120			38

PLUMBING LEGEND

———	S&W	SOIL OR WASTE	◎	RD	ROOF DRAIN
- - - -	V	VENT	▣	FSK	FLOOR SINK
—DS—	DS	DOWN SPOUT	▩	CB	CATCH BASIN
—SD—	SD	STORM DRAIN		I/A	IN ATTIC OR ABOVE CLG.
—G—	G	LOW PRESS. GAS		B/F	BELOW FLOOR
—HPG—	HPG	HIGH PRESS GAS		U/G	UNDERGROUND
—SPK—	SPK	FIRE SPRINKLER		WC	WATER CLOSET
—·—	DCW	DOMESTIC COLD WATER		UR	URINAL
—··—	DHW	DOMESTIC HOT WATER		LAV	LAVATORY
—···—	DHWR	DOMESTIC HOT WATER RETURN		SSK	SERVICE SINK
—C—	HB	HOSE BIBB		DF	DRINKING FOUNTAIN
—⊘	FCO	FLOOR CLEAN OUT		CLG	CEILING
—⊣	WCO	WALL CLEAN OUT		DN	DOWN
—○		PIPE RISING		POC	POINT ON CONNECTION
—⊖		PIPE DOWN		SOV	SHUT OFF VALVE
—⋈—	GV	GATE VALVE		SHR	SHOWER
⋈	GLV	GLOBE VALVE		SK	SINK
—↗—	CV	CHECK VALVE		UOS	UNDER OTHER SECTION
—⊙—		GAS COCK		NIC	NOT IN CONTRACT
⊙	FD	FLOOR DRAIN		FG	FINISH GRADE

GENERAL NOTES

1. VERIFY EXACT LOCATION OF ROOF PENETRATIONS FOR GAS PIPING TO A/C AND MULTI-ZONE UNITS ON ROOF. VERIFY MAKE OF A/C AND MULTI-ZONE UNITS AND WHERE LOCATED.
2. FOR OVERFLOW ROOF DRAINS, DOWN SPOUT & PIPING DETAILS SEE ARCHITECT DRAWINGS.
3. ALL GAS PIPING RUN UNDERGROUND BELOW SIDEWALKS AND FLOORS SHALL BE SLEEVED.
4. CONDENSATE DRAINS FROM MECH. EQUIPMENT TO BE TRAPPED, VENTED AND RUN TO NEAREST FLOOR SINK.

FIXTURE & EQUIPMENT SCHEDULE

FIX. NO.	DESCRIPTION	WASTE	VENT	DCW	DHW	REMARKS
F-1	WATER CLOSET F.T.	4"	2"	½"		
F-2	WATER CLOSET F.V.	4"	2"	1¼"		
F-3	WATER CLOSET F.V.	4"	2"	1¼"		18" HANDICAP
F-4	URINAL	2"	1½"	1¼"		
F-5	LAVATORY	2"	1½"	½"	½"	
F-6	LAVATORY	2"	1½"	½"	½"	ROUND
F-7	SERVICE SINK	3"	2"	¾"	¾"	
F-8	SINK (COFFEE BAR)	2"	1½"	½"	½"	
F-9	SINK (ART)	2"	1½"	½"	½"	ART - W/SEDIMENT TRAP
F-10	SINK (KITCHEN)	2"	1½"	¾"	¾"	
F-11	SINK (LAB)	2"	1½"	½"	½"	ACID WASTE & ACID RESISTANT
F-12	DRINKING FOUNTAIN	2"	1½"	½"		ELECTRIC
F-13	FLOOR DRAIN	2"	1½"			
F-14	FLOOR SINK	2"	1½"			
F-15	WATER HEATER			1"	1"	50 GAL 42,000 BTU
F-16	WATER HEATER			¾	¾"	30 GAL 42,000 BTU
F-17	HOSE BIBB			¾"		CHROME PLATED W/VACUUM BREAKER
F-18	HOSE BIBB			¾"		ROUGH BRONZE W/VACUUM BREAKER
F-19	SHOCK ABSORBER					W/ACCESS PANEL
F-20	ROOF DRAIN					
F-21	CIRCULATING PUMP					
F-22	DISHWASHER					ROUGH IN & CONN.
F-23	WATER HEATER			¾"	¾"	20 GAL - 28,000 BTU
F-24	SINK (SECRETARY)	2"	1½"	½"	½"	UPHOLSTERY SHOP
F-25	DRINKING FOUNTAIN			½"		COUNTER IN PARENTED
F-26	GAS OUTLET					SINGLE & DOUBLE COUNTER

70 P.S.I. IN STREET.
15 P.S.I AT MOST DISTANT FIXTURE FROM WATER METER.
10 FT TO HIGHEST FIXTURE ABOVE WATER METER.
525 FT. TO MOST DISTANT FIXTURE FROM WATER METER.
9.0 P.S.I. LOSS THRU WATER METER. (2" METER)

70 - 9.0 - [15 + (10 X .43)] = 41.70
100 X 41.70 ÷ 515 = 8.09 DROP PER 100 FT

PIPE SIZING CHART 8 PSI DROP/100FT

PIPE SIZE	GPM	VELOCITY FT./SEC	FIXTURE UNITS F. TANK	FIXTURE UNITS F. VALVE
½"	4	4	5	0
¾"	9	5	13	2
1"	17	6	24	4
1¼"	34	7	65	19
1½"	50	8	127	47
2"	96	10	360	225
2½"	155	11	666	592
3"	270	13	1500	1500

APPROVED
DEPARTMENT OF EDUCATION
SAN DIEGO COUNTY
APR 30 1973
Mark Thomas
Deputy Chief [illegible] Services
In accordance with Section [illegible] Code
[illegible]
Superintendent of Schools

[illegible] APPROVED JUL 23 1973
By [illegible]

APPROVED BY
DISTRICT BOARD OF TRUSTEES
[illegible]
Authorized Agent of the Governing Board

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
DATE [illegible]
By [illegible]

ARTHUR D. DECKER, ARCHITECT
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

Arthur D. Decker
ARCHITECT C-1168

ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIFORNIA
PLUMBING - SCHEDULES & DETAIL

DATE DEC. 1972
DRAWN BY
JOB 69-6
SHEET P2 OF

PLUMBING ~ FLOOR PLAN

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

ART CLASSROOM #1
ART CLASSROOM #2
SPEECH CLASSROOM
SECRETARIAL CLASSROOM #1
SECRETARIAL CLASSROOM #2
SECRETARIAL CLASSROOM #3
UPHOLSTERY
WOMEN
MEN
OPEN COURT
LOBBY
SCIENCE ROOM
HOME ECONOMICS RM.
CLASSROOM #3
CLOTHING ROOM #2
JAN
KEY PUNCH ROOM

8"S.D.U/G - CONT ON SITE PLAN SHT. P-1
4" C.O. TO GRADE.
4" S.U/G
2" W. DN. & 1½" V.T.R.
¾" DCW & ¾" DHW DN TO SK'S
2" W. DN. & 1½" V. UP
F-9 SK - WITH SEDIMENT BUCKET
¾" DCW 1/A
3" W.U/G
¾" DHW 1/A
1¼" DHW 1/A
4" D.S. UP TO 4" R.D. F-2A SEE DETAIL H P-6
4" D.S. DN. TO U/G
1" CONDENSATE DRAIN 1/A RUN TO F.SK. IN JAN. CLOSET
5" F.C.D.
C.O. 1/A
8"SD U/G
3" D.S. DN TO U/G
6" C.O.
5'-0"
SD
5" S.D.U/G
6" S.D.U/G
3" D.S. UP TO 3" R.D. SEE DETAIL H P-6 F-2A
MULTI-ZONE UNIT ON ROOF (400,000 BTU)
4" W.U/G
1¼" DHW 1/A
1¼" DHW 1/A
¾" G 1/A
2" G. UP THRU ROOF W/G. COCK
2" G 1/A
1" DCW 1/A
2" DCW 1/A
½" DCW 1/A
2" W.U/G
4" S.U/G
¾" DCW & 1½" V. UP
¾" DCW 1/A
3" W.U/G
¾" DCW & ¾" DHW DN TO SK'S
F-9 SK - WITH SEDIMENT BUCKET
1" DCW DN TO U/G
1¼" DHW 1/A
2" W. DN. & 1½" V. UP
2" W.U/G
2" F.C.D.
1" DCW 1/A
C.B. - SEE ARCH. DWGS
1" DCW U/G
4" S.D.U/G
F-18 ¾" H.B. IN PIT W.S.O.V. SEE DETAIL E P-6
C.B. - SEE ARCH. DWGS
4" SD U/G
6" S.D.U/G
6" C.O.
½" DCW & 1½" DHW DN TO LAV.
2" W. DN. & 1½" V. UP
2" W U/G
¾" DHW DN. TO SK.
2" F.C.D.
¾" DCW DN TO SK
2" W. DN & 1½" V. UP
2" W. DN & 1½" V.T.R.
F-10 KIT. SK W/ GARB. DISP.
F-6 LAV.
¾" DHW 1/A
¾" DCW DN TO SK
F-10 KIT. SK W/ GARBAGE DISPOSER
¾" DHW 1/A
2" W. DN & 1½" V. UP
2" W. DN & 1½" V.T.R.
¾" DHW DN TO SK, & DISHWASHER W/ SEPERATE S.D.V. TO DISHWASHER
¾" DHW 1/A
F-2A DISHWASHER ROUGH IN & CONN. ONLY
4" S.U/G ~ CONT. ON FLOOR PLAN SHT. P-4
3" W. DN. & 2" V.T.R.
¾" DCW & ¾" DHW DN TO S.SK.
F-7 S. SK
3" F.C.D.
¾" DCW 1/A
¾" DHW 1/A
8" S.D.U/G
4" D.S. UP TO 4" R.D. F-2A
4" D.S. DN. TO U/G
SEE DETAIL H P-6
MULTI-ZONE UNIT ON ROOF (400,000 BTU)
4" D.S. UP TO 4" R.D. F-2A SEE DETAIL H P-6
2" G. UP THRU ROOF W/GAS COCK
3" D.S. DN TO U/G
3" D.S. UP TO 3" R.D. F-2A SEE DETAIL H P-6
2" G. 1/A
1¼" DCW DN TO U/G
1¼" DCW U/G ~ CONT ON SITE PLAN SHT. P-1
1" CONDENSATE DRAIN 1/A
1½" CONDENSATE DRAIN 1/A - RUN TO FLOOR SINK IN JAN CLOSET
C.O. 1/A
1" CONDENSATE DRAIN 1/A
1¼" DCW 1/A
4" S.U/G ~ CONT ON SITE PLAN SHT. P-1
3" G. 1/A
2½" G. 1/A
2" G. UP THRU ROOF - W/GAS COCK
CLASSROOM #2
MULTI-ZONE UNIT ON ROOF (400,000 BTU)
2" G. 1/A
2" DCW 1/A
3" G. 1/A
FOR PLUMBING THIS AREA SEE ENLARGED TOILET PLAN SHT. B P-5
4" D.S. UP TO R.D. F-2A SEE DETAIL H P-6
3" D.S. UP TO R.D. F-2A SEE DETAIL H P-6
4" D.S. DN. TO U/G
5" S.D. U/G ~ CONT ON FLOOR PLAN SHT. P-4
2" DCW 1/A - CONT. ON FLOOP PLAN SHEET P-4
3" D.S. DN. TO U/G
4" S.D.U/G ~ CONT ON FLOOR PLAN SHT. P-4
3" G 1/A ~ CONT. ON FLOOR PLAN SHT. P-4
MATCH LINE
3" D.S. UP TO R.D. - SEE DETAIL H P-6 F-2A
FOR PLUMBING THIS AREA SEE ENLARGED TOILET PLAN SHT A P-5
2" G. UP THRU ROOF W/GAS COCK
1" CONDENSATE DRAIN 1/A RUN TO F.SK. IN JAN. CLOSET
1¼" DHW 1/A ~ CONT ON FLOOR PLAN SHT. P-4
4" D.S. DN TO U/G
5" S.D.U/G ~ CONT. ON FLOOR PLAN SHT. P-4
4" D.S. UP TO R.D SEE DETAIL H P-6 F-2A
MULTI-ZONE UNIT ON ROOF (400 000 BTU)
6" S.D.U/G ~ CONT ON FLOOR PLAN SHT. P-4
3" D.S. DN. TO U/G
4" S.D.U/G ~ CONT ON FLOOR PLAN SHT. P-4
2" DCW 1/A ~ CONT ON FLOOR PLAN SHT. P-4
F-11 INSTRUCTORS DESK - W/ISLAND SK. SEE DETAIL B P-6
F-2A DOUBLE GAS OUTLET - STUB-UP THRU COUNTER
½" G.U/G (SLEEVED)
3" ACID W. U/G
½" DCW & ½" DHW U/G
F-2A SINGLE GAS OUTLET STUB-UP THRU COUNTER (TYPICAL 6 PLACES)
4" D.S. UP TO R.D. F-2A SEE DETAIL H P-6
4" D.S. DN. TO U/G
6" S.D. U/G ~ CONT ON FLOOR PLAN SHT. P-4
½" GAS DN - W EMERGENCY S.D.V. UNDER COUNTER
F-11 LAB. SINK (TYPICAL 6 PLACES)
¾" DHW 1" DCW & ½" GAS HEADER UNDER COUNTER
FOR CONTINUATION OF PIPING SEE FLOOR PLAN SHT. P-4

APPROVED
DEPARTMENT OF EDUCATION
SAN DIEGO COUNTY
APR 26 1973
Mark Thomas
Assistant Superintendent
A. TED DIXON
Superintendent of Schools

STATE OF CALIFORNIA - DEPARTMENT OF GENERAL SERVICES
DIVISION OF ARCHITECTURE
3 6 1 3 1 APPROVED MAY 2 3 1973
APPLICATION NO.
DSA

APPROVED BY DISTRICT BOARD OF TRUSTEES
GROSSMONT UNION HIGH SCHOOL DISTRICT
By
Authorized Agent of the Governing Board

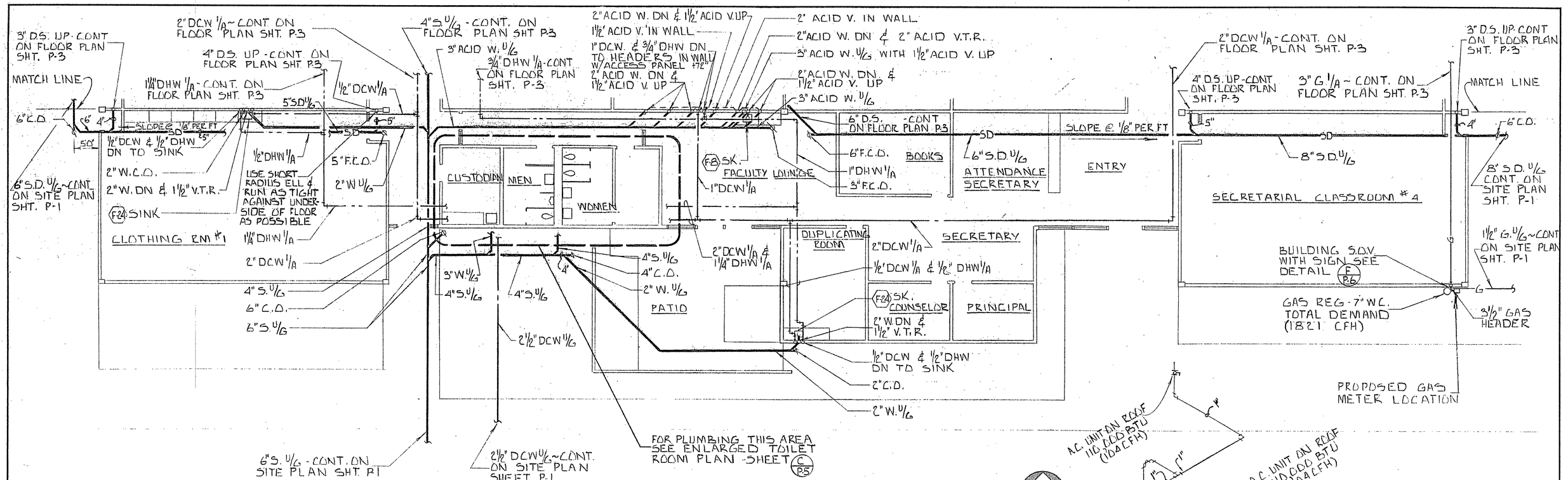
APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
MAY 30 1973
BY

ARTHUR D. DECKER, ARCHITECT
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

Arthur D. Decker
ARCHITECT C-1168

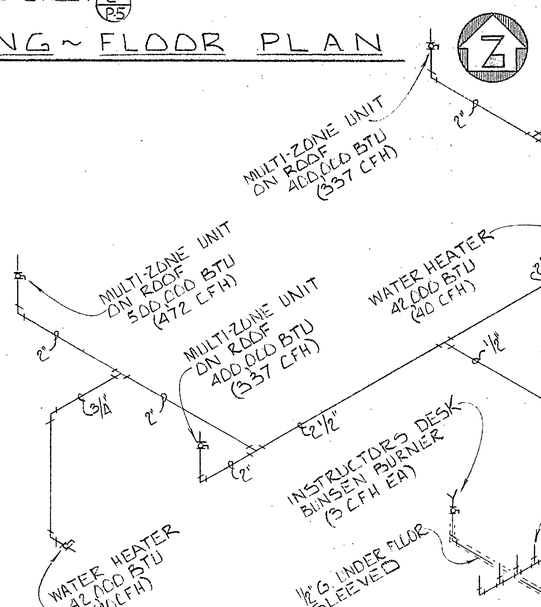
ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIFORNIA
PLUMBING ~ FLOOR PLAN

DATE DEC 1972
DRAWN BY
JOB 69-6
SHEET P-3
OF



PLUMBING ~ FLOOR PLAN

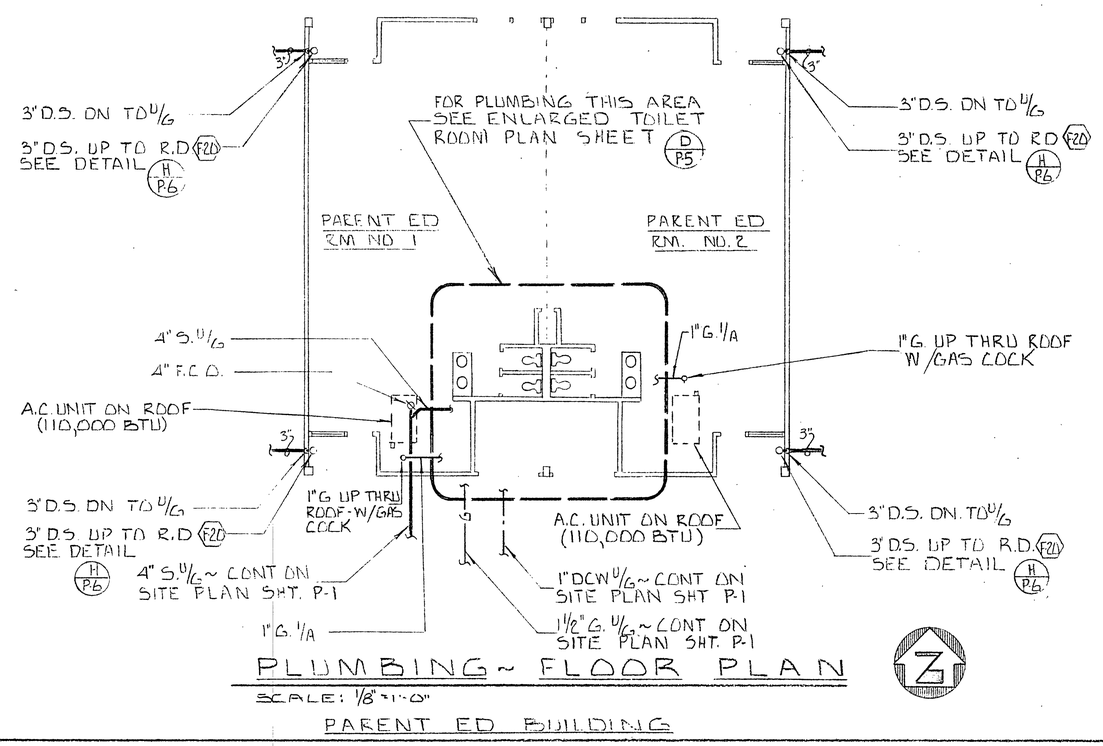
SCALE: 1/8"=1'-0"



LOW PRESSURE GAS SIZED IN ACCORDANCE WITH U.P.C. 1970 EDITION TABLE 12-2. BASED ON LONGEST RUN OF NOT OVER NOT OVER 300 FT & NOT OVER 200 FT.

A P-4 GAS ANALYSIS

NO SCALE



PLUMBING ~ FLOOR PLAN

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

PARENT ED BUILDING

APPROVED DEPARTMENT OF EDUCATION SAN DIEGO COUNTY

APPROVED BY DISTRICT BOARD OF TRUSTEES

APPROVED STATE FIRE MARSHAL STATE OF CALIFORNIA

ARTHUR D. DECKER, ARCHITECT

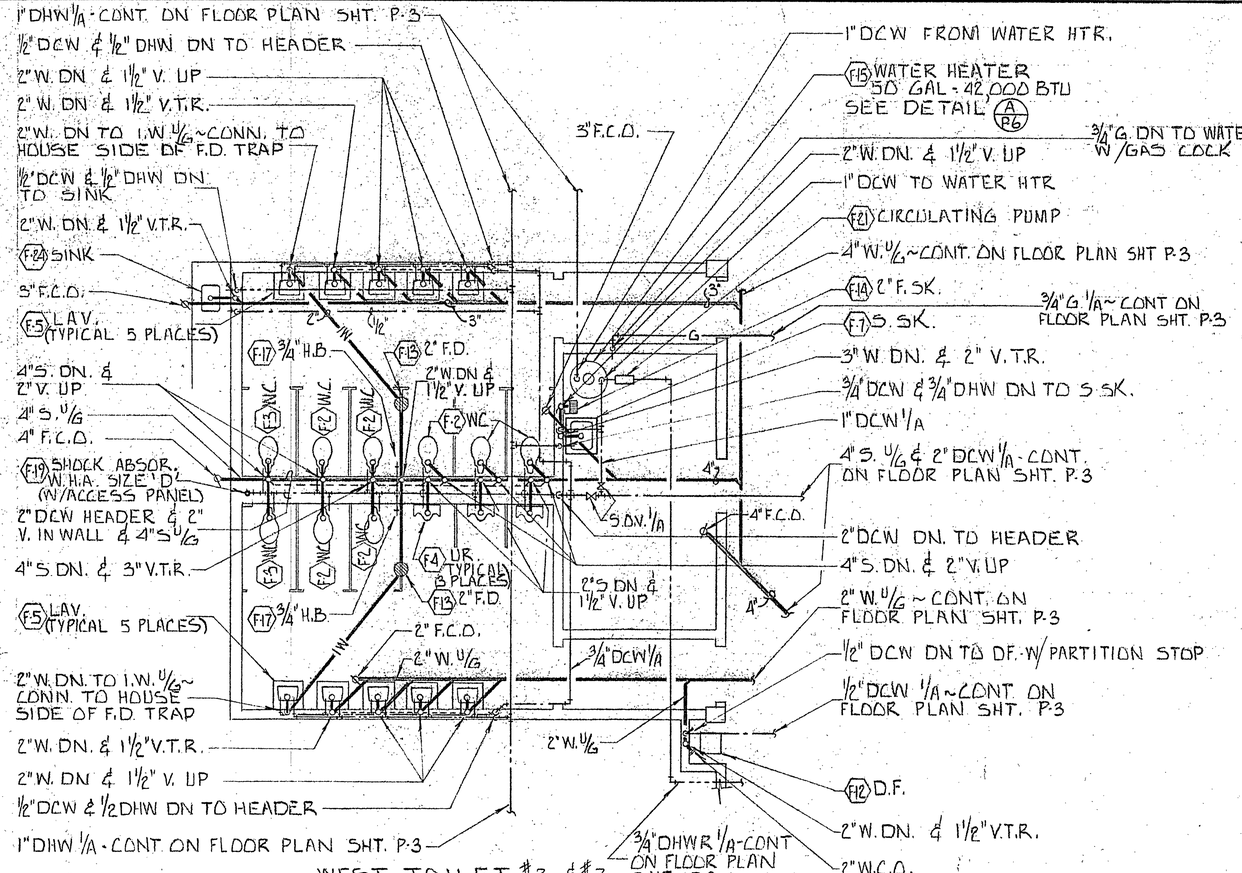
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ARCHITECT C-11168

ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON SAN DIEGO COUNTY · CALIFORNIA

PLUMBING ~ FLOOR PLAN (CONTINUED) & GAS ANALYSIS

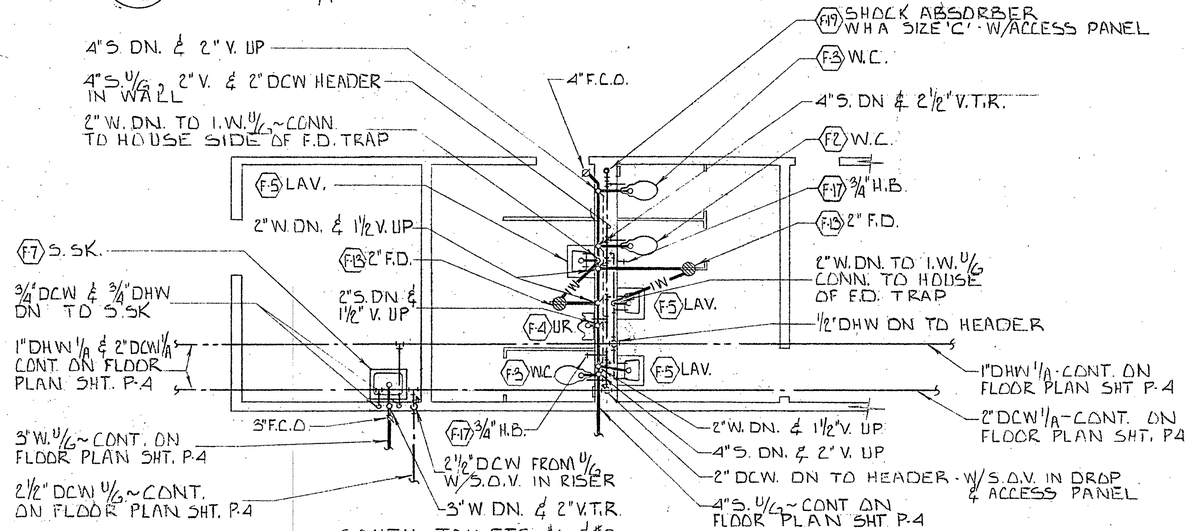
DATE DEC. 1972
DRAWN BY
JOB 69-6
SHEET P-3 OF



WEST TOILET #2 & #3

A P-5 ENLARGED TOILET ROOM PLAN

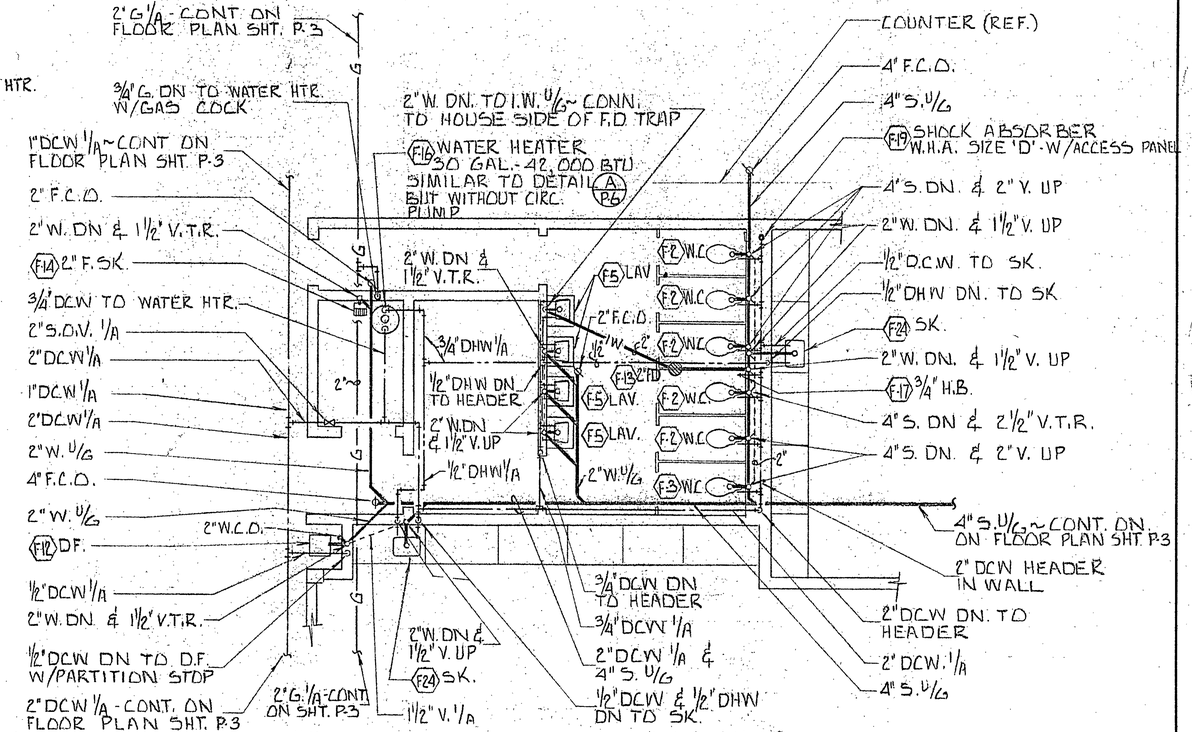
SCALE: 1/4" = 1'-0"



SOUTH TOILETS #1 & #2

C P-5 ENLARGED TOILET ROOM PLAN

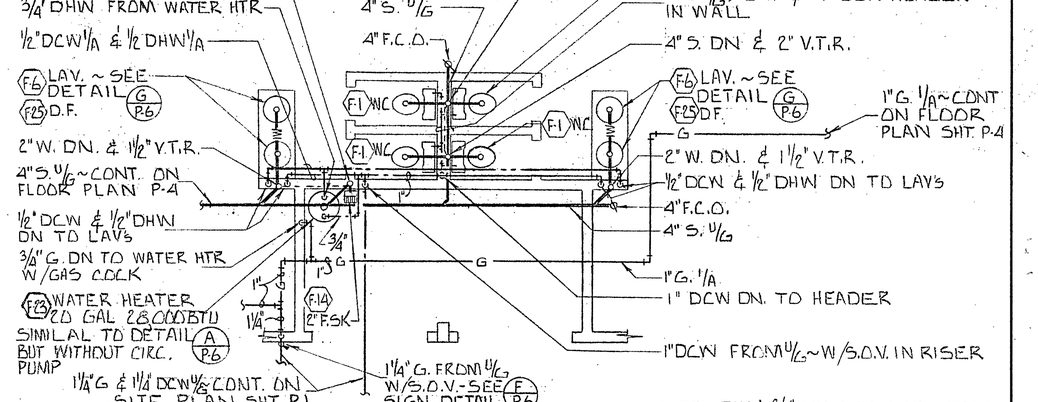
SCALE: 1/4" = 1'-0"



EAST TOILET - WOMEN'S TOILET ROOM #1

B P-5 ENLARGED TOILET ROOM PLAN

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



PARENT ED. BLD'G

D P-5 ENLARGED TOILET ROOM PLAN

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

NOTE: RUN 3/4" CONDENSATE DRAIN FROM EA. A/C UNIT TO F.SK. IN JAN. RM

APPROVED DEPARTMENT OF EDUCATION DATE: 12-23-72

APPROVED BY DISTRICT BOARD OF TRUSTEES GROSSMONT UNION HIGH SCHOOL DISTRICT

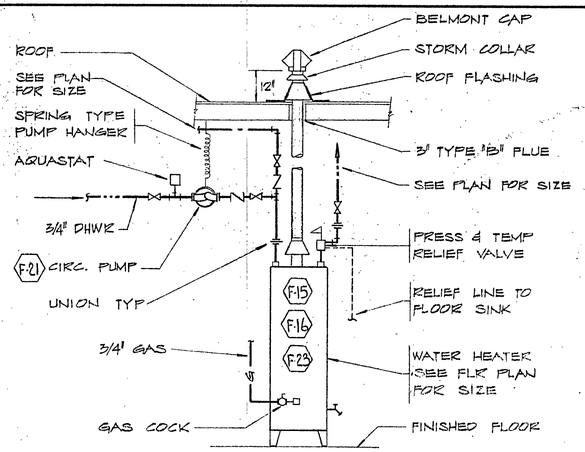
APPROVED STATE FIRE MARSHAL STATE OF CALIFORNIA

ARTHUR D. DECKER, ARCHITECT
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

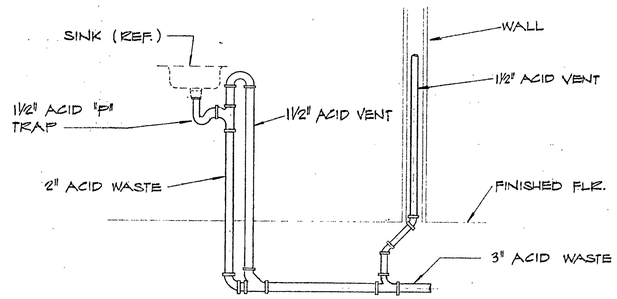
ARCHITECT C-11688

ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIFORNIA
PLUMBING ~ ENLARGED TOILET ROOM PLANS

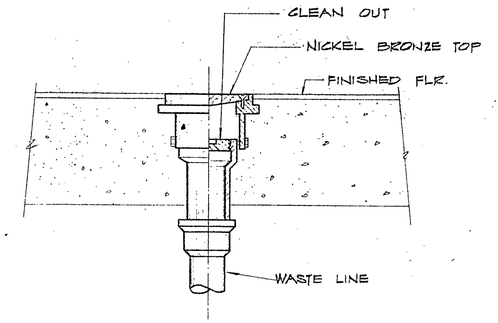
DATE DEC 1972
DRAWN BY K
JOB 69-6
SHEET P-5 OF



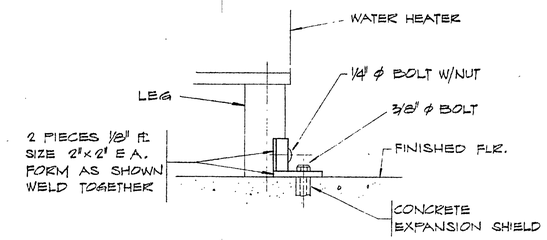
A / P-6 WATER HEATER DETAIL
NO SCALE



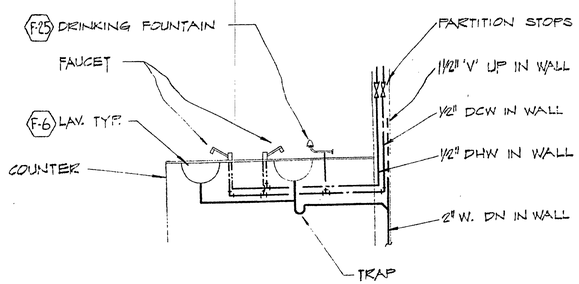
B / P-6 ISLAND SINK DETAIL
NO SCALE



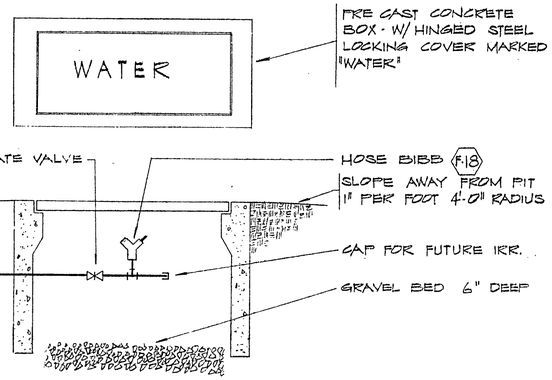
C / P-6 FINISHED FLOOR AREAS
CLEANOUT DETAIL
NO SCALE



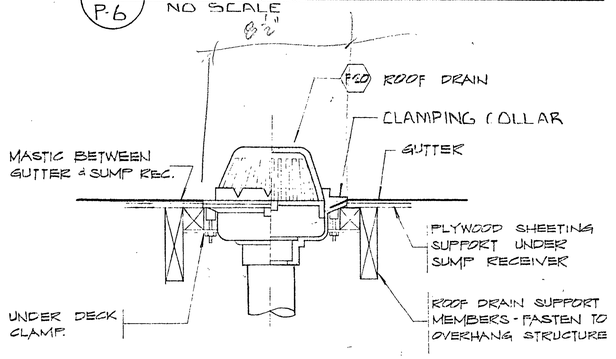
D / P-6 SECURING DETAIL
NO SCALE



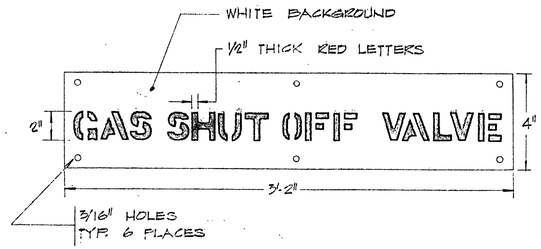
G / P-6 LAVATORY DETAIL – PARENT ED. BLDG
NO SCALE



E / P-6 HOSE BIBB & PIT DETAIL
NO SCALE

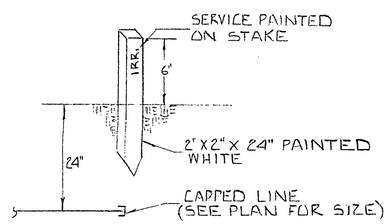


H / P-6 ROOF DRAIN DETAIL
NO SCALE



NOTE: SIGN SHALL BE PORCELAIN ENAMELED OVER 12 GUAGE STEEL. ALL SURFACES AND EDGES OF STEEL TO BE ENAMELED

F / P-6 DETAIL GAS SHUT OFF VALVE SIGN
NO SCALE



J / P-6 SERVICE STUB-OUT LOCATION DETAIL
NO SCALE

APPROVED
DEPARTMENT OF EDUCATION
SAN DIEGO COUNTY

APPROVED
DATE
BY

APPROVED BY
DISTRICT BOARD OF TRUSTEES
DATE
BY

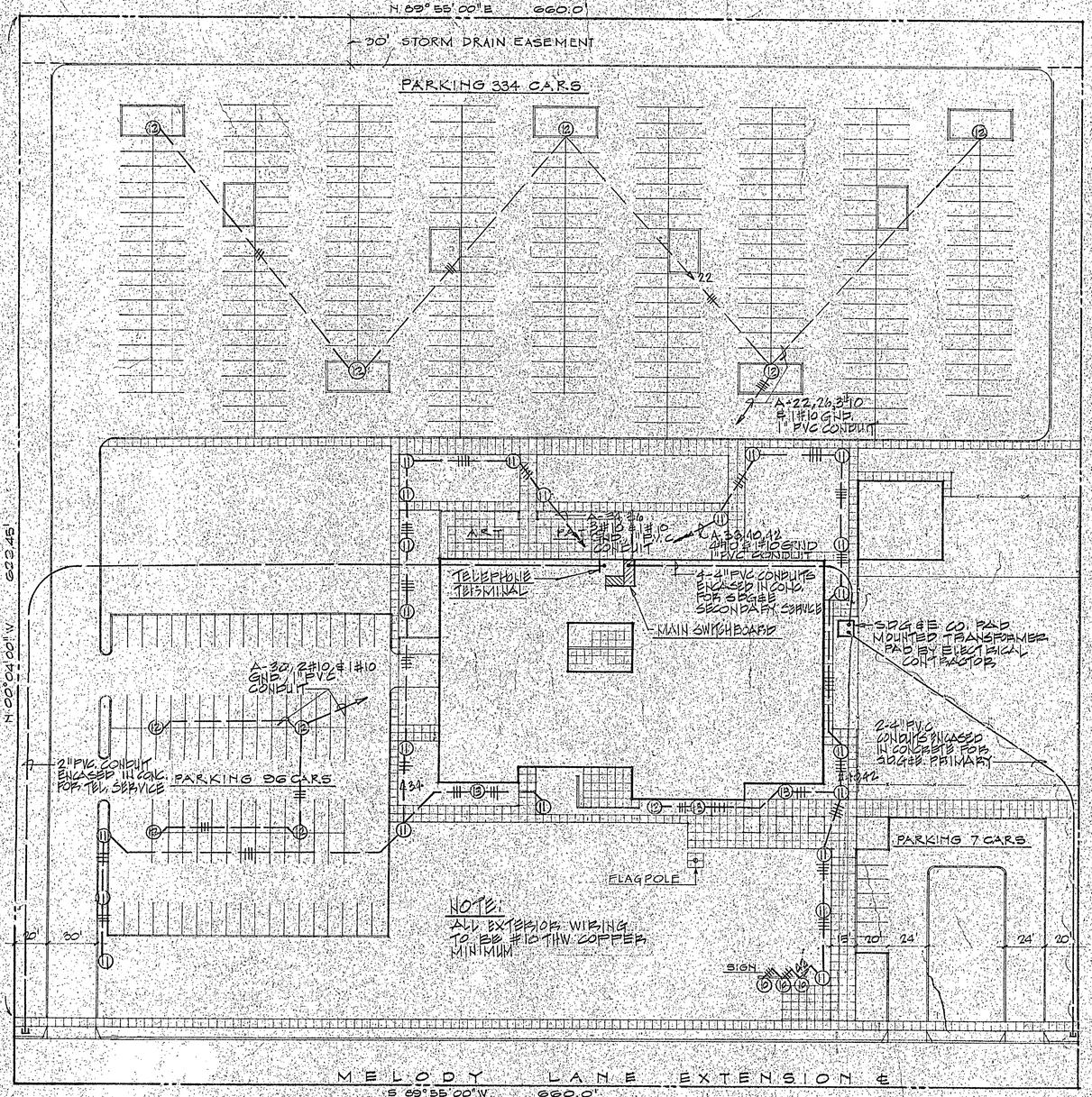
APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
BY

ARTHUR D. DECKER, ARCHITECT
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

ARCHITECT C-1168

ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON SAN DIEGO COUNTY CALIFORNIA
PLUMBING ~ DETAILS

DATE DEC 1972
DRAWN BY
JOB 69-6
SHEET P-6
OF



ELECTRICAL SITE PLAN

SCALE 1" = 40'

NORTH

ELECTRICAL SYMBOL LIST

- (1) INCANDESCENT LIGHT FIXTURE & FIXTURE NUMBER
- (44) FLUORESCENT LIGHT FIXTURE & FIXTURE NUMBER.
- (J) JUNCTION BOX
- EXIT LIGHT OUTLET
- CLOCK OUTLET/CLOCK & PROGRAM BUZZER MTD @ +7'-6" U.O.N
- DUPLEX CONVENIENCE OUTLET MTD @ +12" U.O.N.
- S SINGLE POLE SWITCH MTD @ +48" U.O.N
- DUPLEX CONVENIENCE OUTLET MOUNTED +12" ABOVE TOP OF COUNTER OR SINK. U.O.N.
- FLOOR OUTLET
- SM MOMENTARY CONTACT SWITCH MTD. @ +48" U.O.N.
- SES EMERGENCY STOP SWITCH MTD @ +60" U.O.N.
- ST THERMAL OVERLOAD SWITCH MTD @ +60" U.O.N.
- LIGHTING & POWER PANEL
- BRANCH CIRCUIT CONCEALED IN WALL OR CEILING CROSS MARK INDICATES NUMBER OF WIRES, WIRES ARE #12 A.W.G U.O.N.)
- BRANCH CIRCUIT CONCEALED IN FLOOR OR UNDERGROUND
- BRANCH CIRCUIT EXPOSED
- HOME RUN TO PANEL ARROWS INDICATE NUMBER OF CIRCUITS
- MOTOR OUTLET
- FUSED DISCONNECT SWITCH (BLANK INDICATES NON-FUSED)
- DUAL CIRCUIT PLUG MOLD W/GND OUTLETS @ 18" O.C EQUAL TO WIREMOLD 2000 SERIES. MOUNTING HEIGHT AS INDICATED ON DRAWINGS
- TELEPHONE OUTLET MTD @ +12" U.O.N.
- FH FIRE ALARM BREAKER GLASS STATION W/HORN OVER
- H FIRE ALARM HORN MTD. @ +7'-6" U.O.N.
- PO PROGRAM BELL MTD @ +7'-6" U.O.N.
- PH PROGRAM HORN MTD @ +7'-6" U.O.N.
- —T— TELEPHONE CONDUIT SYSTEM
- —C— CLOCK & PROGRAM WIRING SYSTEM
- —F— FIRE ALARM WIRING SYSTEM
- W.P. ADJACENT TO SYMBOL INDICATES WEATHERPROOF
- C.O. CONDUIT ONLY
- U.O.N UNLESS OTHERWISE NOTED.

REGISTERED PROFESSIONAL ENGINEER — Harry Allen Alexander — No. 7800 — ELECTRICAL — STATE OF CALIFORNIA

DEPARTMENT OF EDUCATION — SAN DIEGO COUNTY — APPROVED JUL 23 1973

STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES — OFFICE OF ARCHITECTURE AND CONSTRUCTION — 3-61-31 — APPROVED JUL 23 1973

APPROVED BY DISTRICT BOARD OF TRUSTEES — GROSSMONT UNION HIGH SCHOOL DISTRICT

APPROVED STATE FIRE MARSHAL STATE OF CALIFORNIA JUL 20 1973 BY

ARTHUR D. DECKER, ARCHITECT

EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

ARCHITECT C-1168

ADULT EDUCATION FACILITY

GROSSMONT UNION HIGH SCHOOL DISTRICT

1550 MELODY LANE EL CAJON, SAN DIEGO COUNTY, CALIFORNIA

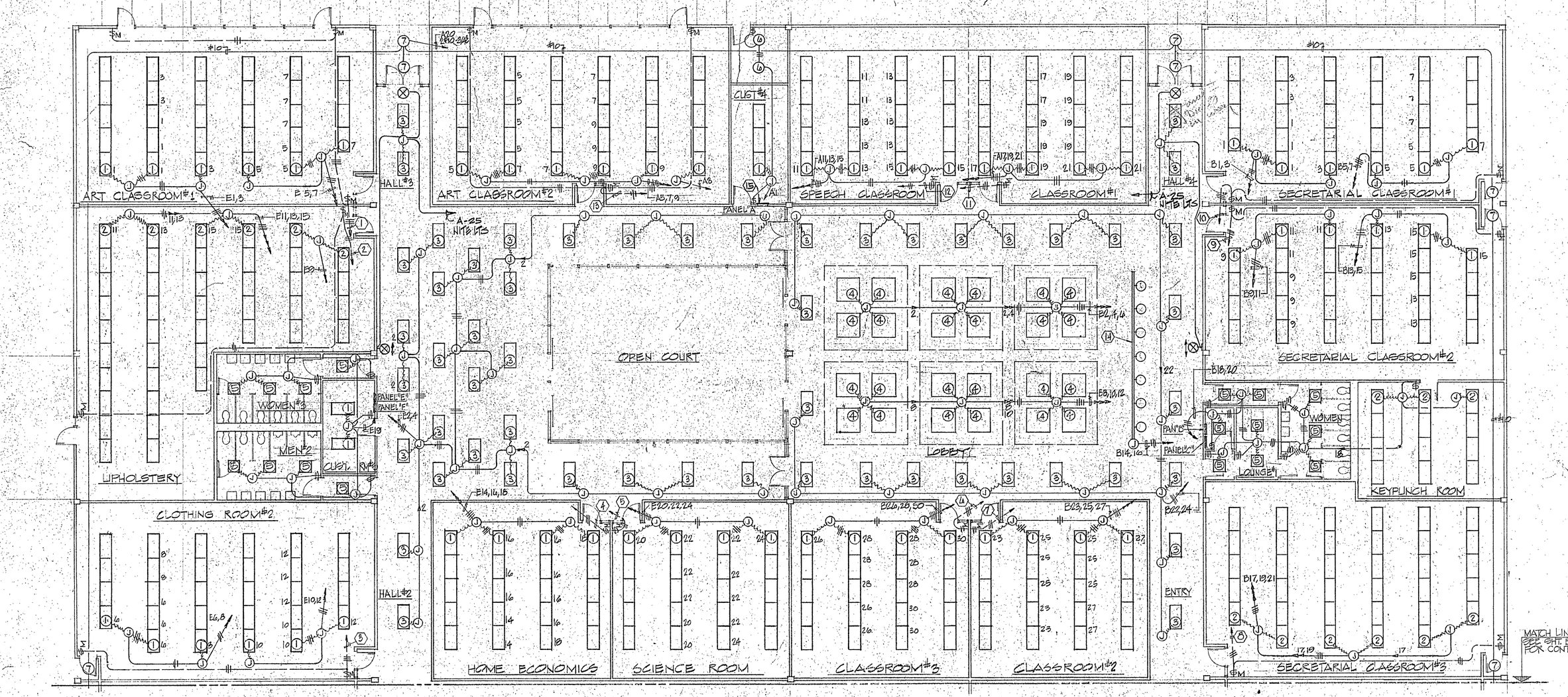
ELECTRICAL SITE PLAN & SYMBOLS

DATE 8-7-72

DRAWN BY G.S.

JOB 69-6

SHEET E-1 OF



PARTIAL ELECTRICAL LIGHTING FLOOR PLAN

SCALE: 1/8" — 1'-0"

NORTH

NOTES

(1) TO RELAY IN PANEL "E" FOR CONTROL OF CIRCUITS 1 THRU 7
(2) 9 THRU 15
(5) 6 THRU 12
(4) 14 THRU 18
(5) 20 THRU 24
(6) 26 THRU 30
(7) 23 THRU 27
(8) 17 THRU 21
(9) 9 THRU 15
(10) 1 THRU 7
(11) 17 THRU 21

"B"

"A"

(12) TO RELAY IN PANEL 'A' FOR CONTROL OF CIRCUITS 11 THRU 15
(13) 5 THRU 9

(14) TWO CIRCUIT LIGHT-TRACK EQUAL TO PRESCOLITE "PHASE-THREE" SERIES WITH "T" BAR HANGING KIT. TRACK TO BE COMPLETE WITH THE FOLLOWING FIXTURES: TWO PRESCOLITE # 93416 W/ 1-200W. T-3 QUARTZ LAMP EACH
TWO PRESCOLITE # 93411 W/ 1-150W. PAR38 LAMP EACH
TWO PRESCOLITE # 93418 W/ 1-150W. PAR38 LAMP EACH, HOUSING TO HAVE BRUSHED ALUMINUM FINISH
ONE PRESCOLITE #93410 W/ 1-75W. R30 LAMP

(15) PROVIDE RELAY IN PANEL 'A' FOR CONTROL OF CIRCS 22 THRU 27 PROVIDE ASTRO DIAL TIME SWITCH FOR CONTROL OF RELAY. PROVIDE ASTRO DIAL TIME SWITCH FOR CONTROL OF CIRCUITS 36 & 38. PROVIDE ASTRO DIAL TIME SWITCH FOR CONTROL OF CIRCUITS 40 & 42.

MITCHELL AND ASSOCIATES CONSULTING ENGINEERS
SAN DIEGO, CALIFORNIA, SUITE 16, AVENUE, 92105, 286-7491

REGISTERED PROFESSIONAL ENGINEER — No. 7340 — ELECTRICAL — STATE OF CALIFORNIA

APPROVED
DEPARTMENT OF EDUCATION
SAN DIEGO COUNTY
APR 25 1973

STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES — OFFICE OF ARCHITECTURE AND CONSTRUCTION
96151 APPROVED JUL 2 3 1973

APPROVED BY DISTRICT BOARD OF TRUSTEES
GROSSMONT UNION HIGH SCHOOL DISTRICT
By ... Authorized Agent of the Governing Board

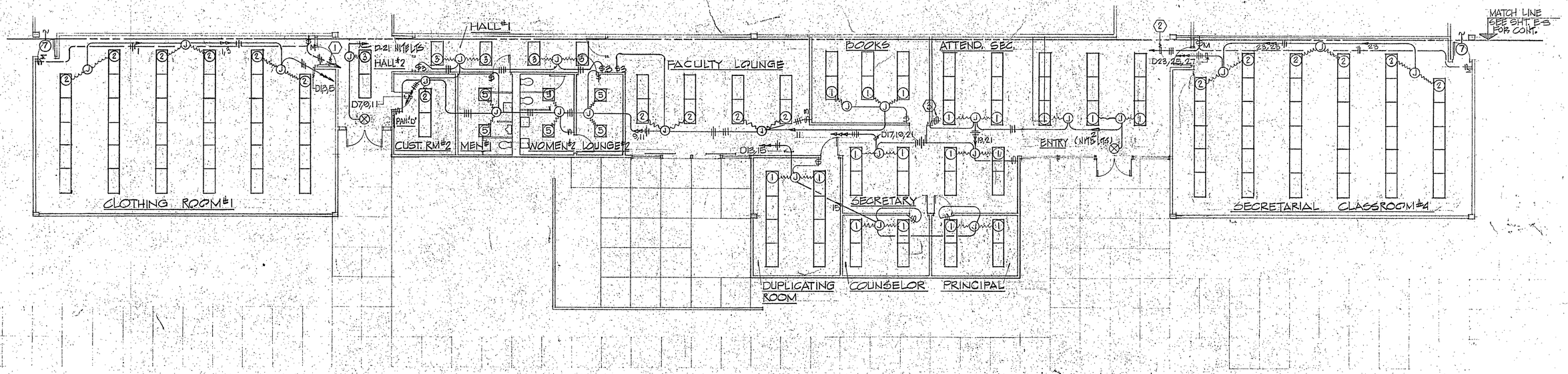
APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
JUL 20 1973
BY

ARTHUR D. DECKER, ARCHITECT
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

ARCHITECT C-1168

ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON, SAN DIEGO COUNTY, CALIFORNIA
ELECTRICAL LIGHTING FLOOR PLAN

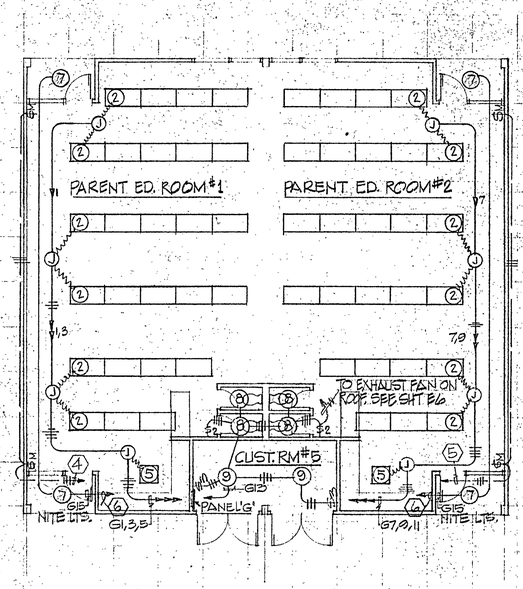
DATE DEC 72
DRAWN BY FORD
JOB 69-6
SHEET E-2
OF



PARTIAL ELECTRICAL LIGHTING FLOOR PLAN

SCALE: 1/8" — 1'-0"

NORTH



ELECTRICAL LIGHTING FLOOR PLAN

PARENT EDUCATION BLDG.

SCALE: 1/8" — 1'-0"

NORTH

NOTES

1. TO RELAY IN PNL."D" FOR CONTROL OF CIRC. 1,3,5 23,25,27
2. ↓
3. SWITCH CONTROLS CIRCUIT 19 ONLY.
4. TO RELAY IN PNL."G" FOR CONTROL OF CIRC. 1,3,5 7,9,11
5. ↓
6. TO ASTRO DIAL TIME SWITCH IN PNL."G" FOR CONTROL OF CIRCUITS.

LIGHTING FIXTURE SCHEDULE

№	DESCRIPTION	MOUNTING	WATTAGE	LAMPS	MANUFACTURER	CATALOG №.
1	2'x4' FLUORESCENT FIXTURE WITH HINGE AND LATCH DOOR AND K.O. SILVERTINT LENS.	RECESSED TROFFER T-BAR CLG.	200	4-F40T12 WARM WHITE	COLUMBIA	51126-56-244 SILVERTINT(LIGHT)
2	IDENTICAL TO ↓ EXCEPT FOR LAMPS	↓	150	3-F40T12 WARM WHITE	↓	51126-56-243 SILVERTINT(LIGHT)
3	↓	↓	100	2-F40T12 WARM WHITE	↓	51126-56-242 SILVERTINT(LIGHT)
4	4'x4' FLUOR. FIXTURE W/ PAR-ABOLIC LOUVER & E.T. BALLAST PROVIDING 1" CLEAR TRIM	SURFACE	400	8-F40T12 WARM WHITE		DP. 14621 STATIC
5	SIMILAR TO TYPE 1 EXCEPT 2'x2' FIXTURE TO HAVE HINGE AND LATCH DOOR AND K.O. SILVERTINT LENS	RECESSED TROFFER T-BAR CLG.	100	2-F40U WARM WHITE	↓	51126-56-2224 SILVERTINT(LIGHT)
6	PORCELAIN KEYLESS SOCKET	SURFACE	100	100W. A-19	ARROW-HART	111
7	GEMI-RECESSED 6½" SQ. MERCURY VAPOR FIXTURE WITH INTERIOR BAFFLE. 120V. BALLAST.	GEMI-RECESS ADJUST FOR 2" REVEAL	125	100W. M.V. MOGUL BASE	MARCO	MGR11B-T3-MO5
8	INCANDESCENT FIXTURE 11" SQ. W/ DROP OPAL LENS AND DARK GREY STEPPED REGRESS TRIM	RECESSED	100	100W. A19	PRESCOLITE	1015RM-3
9	INDESTRUCTABLE INCANDESCENT FIXTURE W/ OPAL POLYCARBONATE DIFFUSER.	SURFACE	100	100W. A19	MARCO	N1
10	MERCURY VAPOR UPLIGHT W/ SHIELD. CAST BRONZE CONSTRUCTION. 120V. BALLAST.	GROUND MOUNTED FLUSH	200	175W. R40 M.V.	BRONZELITE	G-3175-MV-F-B WW-1
11	MERCURY VAPOR WALKWAY LT. 7½"(190.5) x 17½ LUMINAIRE W/ 120V. INTEGRAL BALLAST. 12FT. M. POST.	12FT. POST.	200	↓	MARCO	X4528GJH 120V.
12	MERCURY VAPOR PARKING LOT LT. SIMILAR TO TYPE 11-4 LUMINAIRES PER POST. 208V. BALLASTS.	24FT. POST	800	↓	↓	X4828GJH 208V.
18	SAME AS 10 EXCEPT FOR LAMP	GROUND MOUNTED FLUSH	200	175W. R40 M.V. WIDE ANGLE	BRONZELITE	G-3175-MV-F-B WW-1
⊗	EMERGENCY BATTERY POWERED EXIT LIGHT. JELLIED ELECTROLYTE BATTERY. STENCIL FACE.	CEILING SURFACE		3-6W. T-5	MARCO	XEC-SG-ANZ

MITCHELL WEBB AND ASSOCIATES
CONSULTING ENGINEERS
1851 FIFTH AVENUE SAN DIEGO, CALIFORNIA 92101 SUITE 101 (714) 233-7404

REGISTERED PROFESSIONAL ENGINEER — Reg. No. 7249 — ELECTRICAL — STATE OF CALIFORNIA

APPROVED
DEPARTMENT OF EDUCATION
SAN DIEGO COUNTY
APR 25 1973
These final plans approved in accordance with Educ. Code Section 15463
M. TED DINOH
Superintendent of Schools

STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES — DIVISION OF ARCHITECTURE AND CONSTRUCTION
SS 131
APPROVED JUL 23 1973
[illegible]

APPROVED BY DISTRICT BOARD OF TRUSTEES
GROSSMONT UNION HIGH SCHOOL DISTRICT
By [illegible]
Authorized Agent of the Governing Board

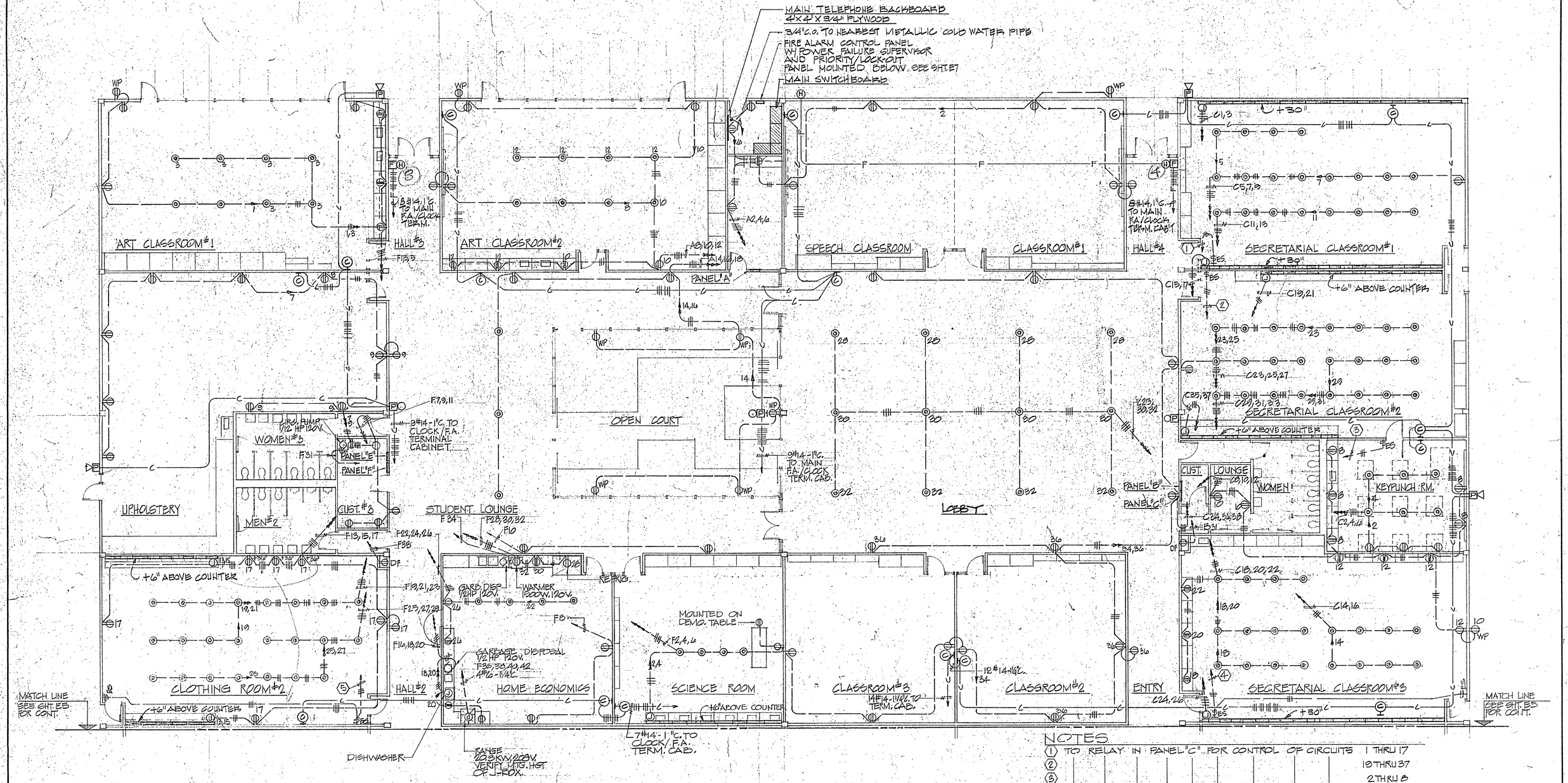
APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
JUL 20 1973
By [illegible]

ARTHUR D. DECKER, ARCHITECT
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

ARCHITECT 6-11-68

ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE ELCAJON / SAN DIEGO COUNTY, CALIFORNIA.
PARTIAL ELECTRICAL LIGHTING FLOOR PLANS

DATE DEC. 72
DRAWN BY RORO
JOB 69-6
SHEET E-3
OF



PARTIAL ELECTRICAL POWER FLOOR PLAN

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

NORTH

NOTES

1. TO RELAY IN PANEL "C" FOR CONTROL OF CIRCUITS 1 THRU 17
2. 19 THRU 37
3. 2 THRU 8
4. 12 THRU 24
5. TO RELAY IN PANEL "F" FOR CONTROL OF CIRCUITS 13 THRU 29

MITCHELL AND ASSOCIATES CONSULTING ENGINEERS

REGISTERED PROFESSIONAL ENGINEER — ELECTRICAL — STATE OF CALIFORNIA

APPROVED DEPARTMENT OF EDUCATION SAN DIEGO COUNTY APR 23 1973

STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES — DIVISION OF ARCHITECTURE AND CONSTRUCTION — APPROVED JUL 23 1973

APPROVED BY DISTRICT BOARD OF TRUSTEES — GROSSMONT UNION HIGH SCHOOL DISTRICT

APPROVED STATE FIRE MARSHAL STATE OF CALIFORNIA JUL 20 1973

ARTHUR D. DECKER, ARCHITECT

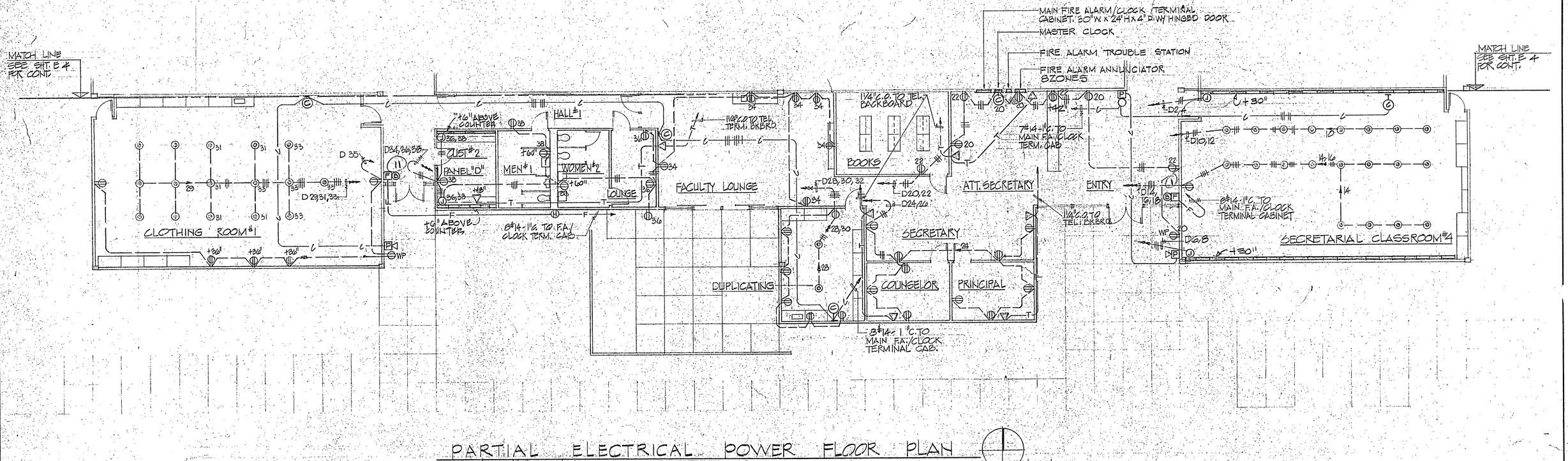
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ARCHITECT C-1165

ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON, SAN DIEGO COUNTY, CALIFORNIA.

ELECTRICAL POWER FLOOR PLAN

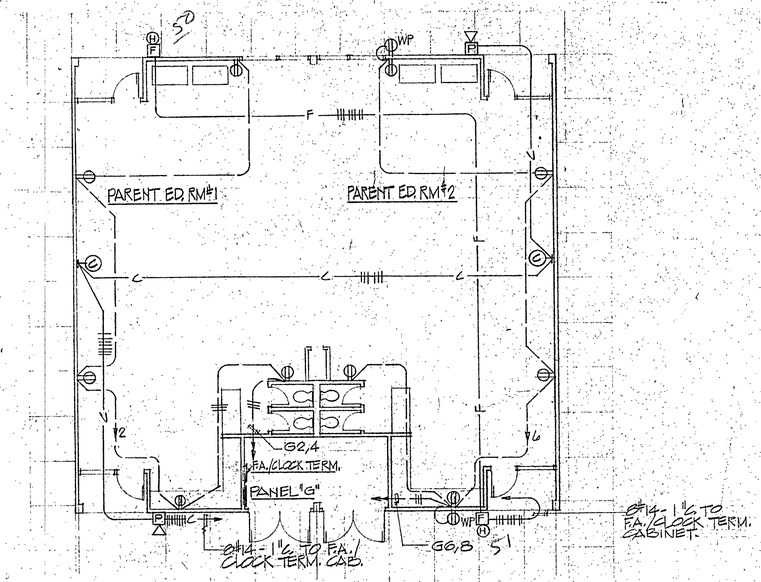
DATE FEB. 72 | SHEET E5 | DRAWN BY FORD | JOB 69-6



PARTIAL ELECTRICAL POWER FLOOR PLAN

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

NORTH



ELECTRICAL POWER FLOOR PLAN
PARENT EDUCATION BLDG.

SCALE: 1/8"-1'0"

NORTH

MITCHELL AND WEBB ASSOCIATES
CONSULTING ENGINEERS

REGISTERED PROFESSIONAL ENGINEER — No. 7340 — ELECTRICAL — STATE OF CALIFORNIA

GROSSMONT UNION HIGH SCHOOL DISTRICT — BOARD OF TRUSTEES — APPROVED

STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES — DIVISION OF ARCHITECTURE AND CONSTRUCTION — APPROVED JUL 3 1973

APPROVED BY DISTRICT BOARD OF TRUSTEES

GROSSMONT UNION HIGH SCHOOL DISTRICT — By — Secretary to the Governing Board

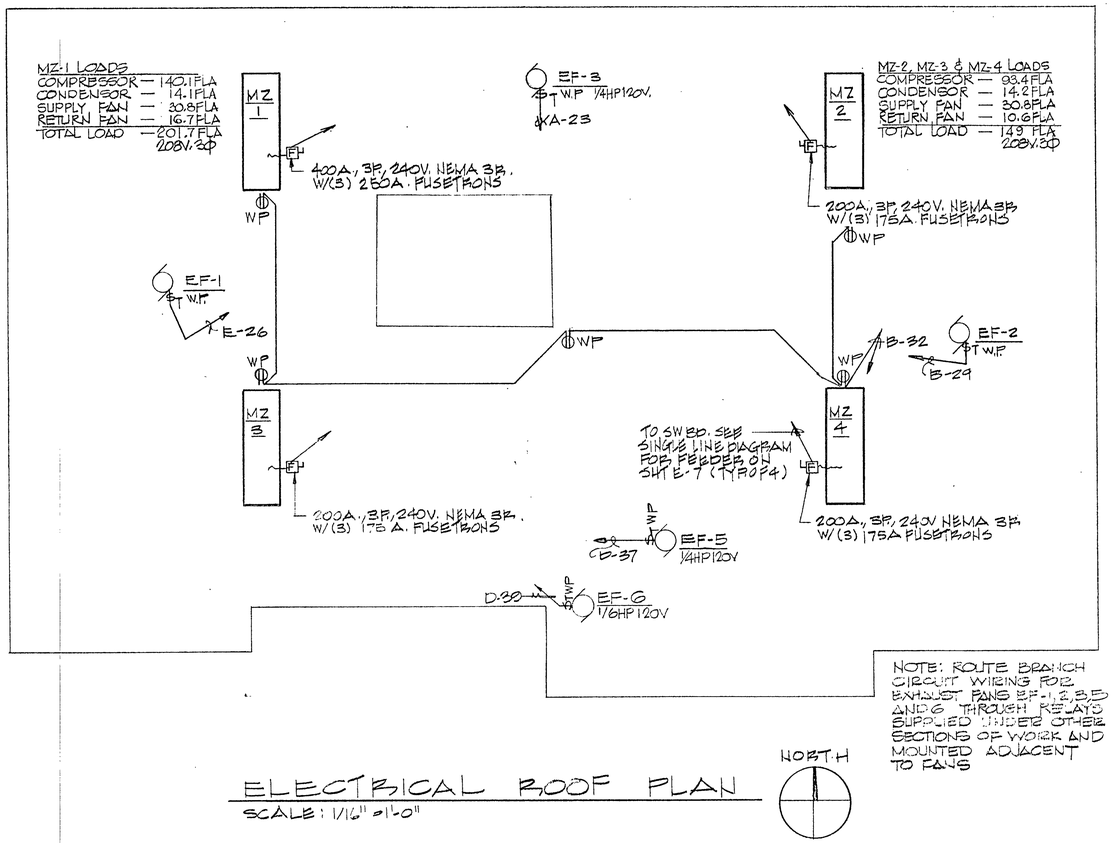
APPROVED — STATE FIRE MARSHAL — STATE OF CALIFORNIA — JUL 3 1973 — BY

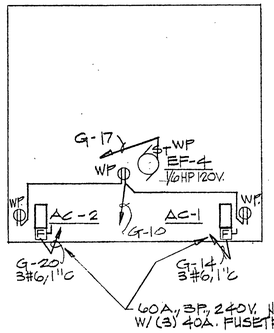
ARTHUR D. DECKER, ARCHITECT — EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

ARCHITECT — C-1168

ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE, EL CAJON, SAN DIEGO COUNTY, CALIFORNIA
PARTIAL ELECTRICAL POWER PLANS

DATE: DEC 72
DRAWN BY: FORD
JOB: 69-6
SHEET: E-5 of





NOTE: ROUTE BRANCH CIRCUIT WIRING FOR EXHAUST FAN EF-4 THROUGH TWO POLE SWITCHES CONTROLLING LTS. IN TOILETS

AC-1 & AC-2 LOADS
COMPRESSOR — 24 FLA
CONDENSOR — 1 FLA
SUPPLY FAN — 2.8 FLA
TOTAL LOAD — 27.8 FLA
208V. 3Φ

ELECTRICAL ROOF PLAN

SCALE: 1/16" = 1'-0"

NORTH

MITCHELL AND ASSOCIATES
CONSULTING ENGINEERS

APPROVED BY DISTRICT BOARD OF TRUSTEES

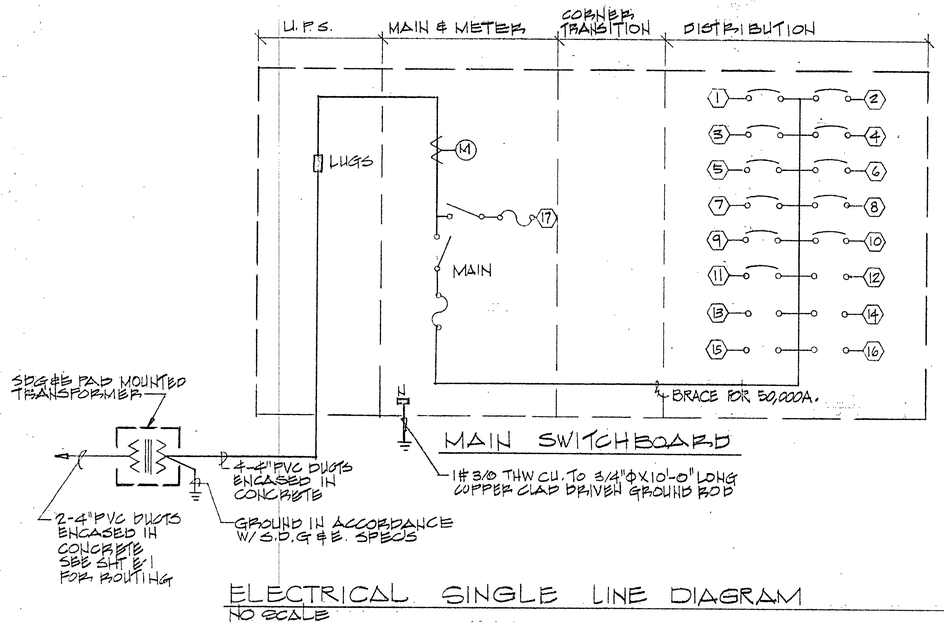
APPROVED STATE FIRE MARSHAL STATE OF CALIFORNIA

ARTHUR D. DECKER, ARCHITECT
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

ARCHITECT C-1168

ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON, SAN DIEGO COUNTY, CALIFORNIA
ELECTRICAL ROOF PLANS

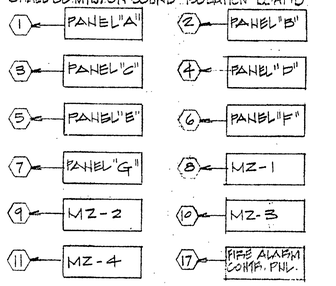
DATE DEC. 72
DRAWN BY GS
JOB 69-6
SHEET E-6 OF



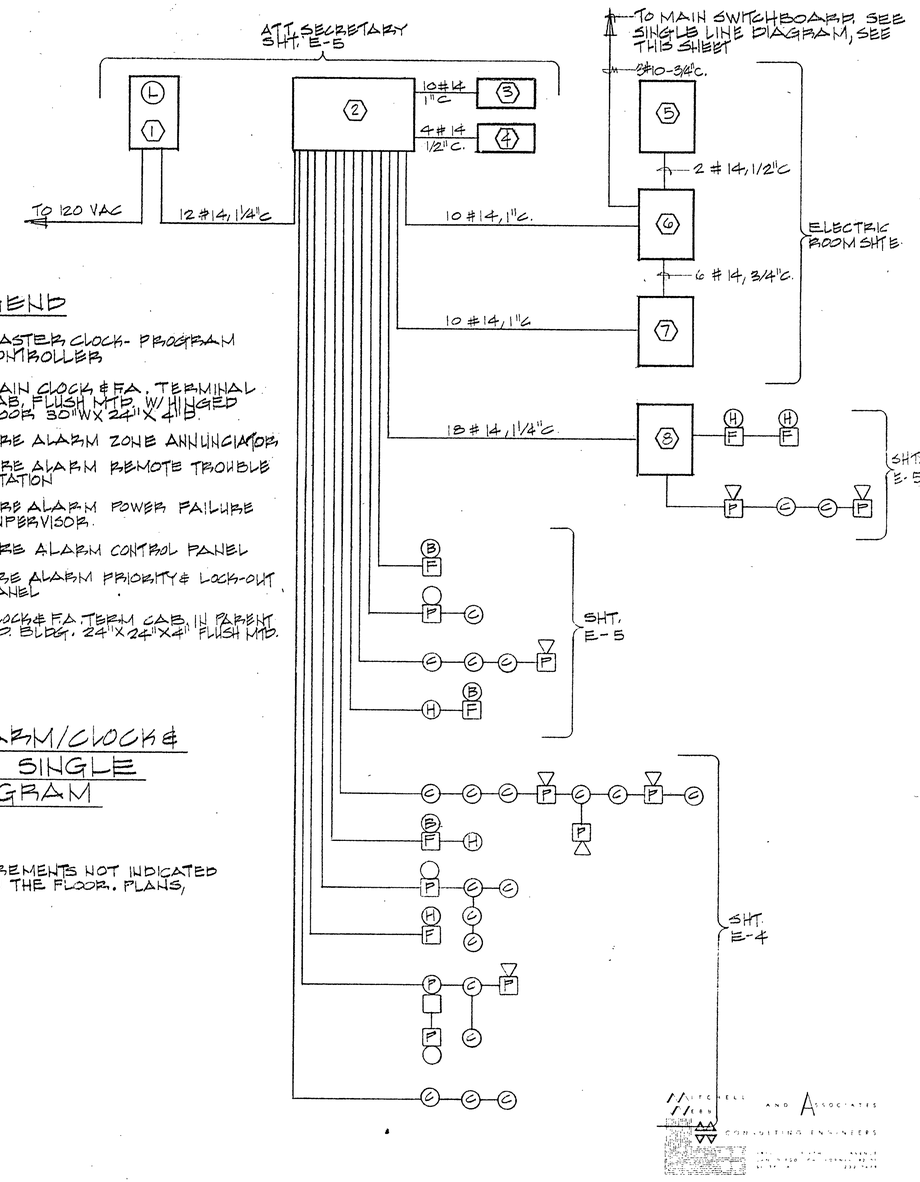
ELECTRICAL SINGLE LINE DIAGRAM

NO SCALE

NOTE:
SEE NOTES SHTS E-2 & E-3 FOR RELAYS & TIME SWS, REQUIRED IN PANELS A, B, D, E, & G. ALL RELAYS SHALL BE RATED 25A. PER POLE & SHALL BE EQUAL TO ASCO 1255-166 SERIES W/ NUMBER OF POLES AS REQUIRED BY NOTE. TIME SWS SHALL BE ASTRO DIAL SINGLE OR DOUBLE CIRCUIT AS REQUIRED 2 DAY TYPE, PARAGON, TORK OR EQUAL. ALL RELAYS & TIME SWS. SHALL BE MTD IN A SBF COMP ON E.P. PANEL. RELAYS SHALL BE MTD. ON SOUND ISOLATION BOARD



MAIN SWITCHBOARD SCHEDULE				
POSITION	FRAME SIZE	TRIP	FEEDER	LOAD
MAIN	1600A. 3P SWITCH	1600A LIMITRON FUSED	1600A., COPPER BUS FULL NEUTRAL	551.3 KW
1	225A, 3P	125A.	4#1, 2"C	35.7 KW
2		175A.	4# 2/0, 2½"C.	48.1 KW
3		150A.	4# 1/0, 2"C.	40.6 KW
4		175A.	4# 2/0, 2½"C	51.8 KW
5		125A.	4#1, 2"C.	35.8 KW
6		225A	4#4/0, 3"C	61.2 KW
7		150A.	4#1/0, 2"C	38.1 KW.
8	400A, 3P	300A.	3-250 MCM, 2½"C.	78.0 KW
9	225A, 3P	225A	3#3/0, 2"C	54.0 KW
10				54.0 KW
11				54.0 KW
12	225A	SPACE		
13	225A			
14	225A.			
15	225A.			
16	225A			
17	30A, 2P SWITCH	25A LIMITRON FUSES	3#10, 3/4"C.	1 KW.



LEGEND

1. MASTER CLOCK- PROGRAM CONTROLLER
2. MAIN CLOCK & FA. TERMINAL CAB. FLUSH MTD. W/ HINGED DOOR 30"WX 24"X 4"D
3. FIRE ALARM ZONE ANNUNCIATOR.
4. FIRE ALARM REMOTE TROUBLE STATION
5. FIRE ALARM POWER FAILURE SUPERVISOR.
6. FIRE ALARM CONTROL PANEL
7. FIRE ALARM PRIORITY & LOCK-OUT PANEL
8. CLOCK & FA. TERM. CAB. IN PARENT ED. BLDG. 24"X 24"X 4" FLUSH MTD.

FIRE ALARM/CLOCK & PROGRAM SINGLE LINE DIAGRAM

NO SCALE

NOTE:
WIRING REQUIREMENTS NOT INDICATED ARE SHOWN ON THE FLOOR PLANS, SHTS. E-4 & E-5

MITCHELL AND ASSOCIATES CONSULTING ENGINEERS

APPROVED BY DISTRICT BOARD OF TRUSTEES

APPROVED STATE FIRE MARSHAL STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER H. Patrick Hayward No. 7319 ELECTRICAL STATE OF CALIFORNIA

ARCHITECT C-1163

ADULT EDUCATION FACILITY
GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON, SAN DIEGO COUNTY, CALIFORNIA.
SINGLE LINE DIAGRAM & SCHEDULE

DATE DEC 72
DRAWN BY A.S.
JOB 69-6
SHEET E-7 OF

ARTHUR D. DECKER, ARCHITECT
EL CAJON, CALIFORNIA • MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

PANEL "A"

VOLTS 120/208V, 3Φ, 4W — MAIN 100A. M.L.O. — LOCATION CUST #1 — FEED BOTTOM — MTG FLUSH

LOCATION	WATTAGE ΦA	WATTAGE ΦB	WATTAGE ΦC	LTG	REC	MIS	CIR	BKR	A B C	BKR	CIR	MIS	REC	LTG	WATTAGE ΦA	WATTAGE ΦB	WATTAGE ΦC	LOCATION
E.ENT, CUST'D#F	830			5			1	1/20		1/20	2		4		720			CLASSROOM #1
ART CLASSROOM#2		1000		5			3				4		4			720		SPEECH, CUST #4
			1800	9			5				6	3	2				1000	ELECT. RM
	1200			6			7				8		5		1160			ART CLASS #2
		1600		8			9				10		2			1040		
SPEECH CLASSROOM			1400	7			11				12		4				1660	
	1400			7			13				14		3		540			COURTYARD
		1200		6			15				16		2			360		
CLASSROOM #1			1400	7			17				18		5				1020	STUDENT LOUNGE
	1400			7			19			2/	20			10	1250			SOFFIT LIGHTS
		1200		6			21			2/	22		3			1200		PARKING LIGHTS
REF-3			1000			1	23			2/	24						1420	
NIGHT LIGHTS	600			8			25			2/	26		2		360			
STAIR		1000					27			2/	28					800		
			1000				29			1/	30		4				1600	
SPACE							31			1/	32				1660			
							33			1/	34		7			1400		VESTIBULE LIGHTS
							35				36		2				1420	
							37				38		2		1420			
							39				40		2			420		
							41				42		3				1020	EXH. FD
WATTS/PHASE	5800	6000	6600												3120	4120	4960	WATTS/PHASE

TOTAL = 30,840 — WATTS = 118 — AMPS @ 120/208 V, 3Φ, 4 W. (HIGH PHASE)

PANEL "B"

VOLTS 120/208V, 3Φ, 4W — MAIN 225A M.L.O. — LOCATION CUST #1 — FEED BOTTOM — MTG FLUSH

LOCATION	WATTAGE ΦA	WATTAGE ΦB	WATTAGE ΦC	LTG	REC	MIS	CIR	BKR	A B C	BKR	CIR	MIS	REC	LTG	WATTAGE ΦA	WATTAGE ΦB	WATTAGE ΦC	LOCATION
SEC. CLASSROOM #1	1400			7			1	1/20		1/20	2		4		1600			LOBBY
		1400		7			3				4		4			1600		
			1400	7			5				6		4				1600	
	1400			7			7				8		4		1600			
SEC. CLASSROOM #2		1400		7			9				10		4			1600		
			1400	7			11				12		4				1600	
	1400			7			13				14	1			1500			LIGHT TRACK
		1400		7			15				16	1				1500		" "
SEC. CLASSROOM #3			1650	11			17				18		12				1200	ABV PLAC.
	1800			2			19				20		4		420			TRAV. JOINT, CLOTH
		1650		11			21				22		11			1100		HALLS
CLASSROOM #2			1400	7			23				24		12				200	"
	1400			7			25				26		7		1400			CLASSROOM #3
		220		6			27				28		3			400		
STAIR			1000				29				30		6				1200	
SPACE	1000						31				32	3			1000			ROOF OUTLETS
		1000					33				34					1000		SPACE
			1000				35				36						1000	
SPACE							37				38							SPACE
							39				40							
							41				42							
WATTS/PHASE	5400	8250	7350												7000	8150	6400	WATTS/PHASE

TOTAL = 45,000 — WATTS = 137 — AMPS @ 120/208V, 3Φ, 4W (HIGH PHASE)

PANEL "C"

VOLTS 120/208V, 3Φ, 4W — MAIN 225A. M.L.O. — LOCATION CUST. #1 — FEED BOTTOM — MTG FLUSH

LOCATION	WATTAGE ΦA	WATTAGE ΦB	WATTAGE ΦC	LTG	REC	MIS	CIR	BKR	A B C	BKR	CIR	MIS	REC	LTG	WATTAGE ΦA	WATTAGE ΦB	WATTAGE ΦC	LOCATION
SEC. CLASSROOM #1	1000					1	1	1/20			2		3		1200			KEYPUNCH
		1000				1	3				4		3			1200		
			1000		4		5				6		3				1200	
	1160				5		7				8		5		900			
		1000			4		9				10		4			720		SEC. CLASSROOM #3
			1000		4		11				12		3				540	LOUNGE EXTERIORS
	1000				4		13				14		4		1000			SEC. CLASSROOM #3
		1000				1	15				16		4			1000		
			1000			1	17				18		4				1000	
SEC. CLASSROOM #2	1000					1	19				20		4		1000			
		1000				1	21				22		4			1000		
			1000				23				24						1000	
	1000						25				26		4		1000			LOBBY
		1800					27				28		4			1000		
			1200				29				30		4				800	
	1000				4		31				32		4		1060			
		1000			4		33				34		4			720		CLASSROOM #2 & #3
			1000			1	35				36		5				900	CLASSRM. #2 & LIBRARY
						1	37				38		1		720			LOBBY
SPARE		1000					39				40					1000		SPARE
"			1000				41				42						1000	"
WATTS/PHASE	7160	7800	7000												4360	4440	6460	WATTS/PHASE

TOTAL = 21,460 — WATTS = 117 — AMPS @ 120/208V, 3Φ, 4W (HIGH PHASE)

PANEL "D"

VOLTS 120/208V, 3Φ, 4W — MAIN 225A. M.L.O. — LOCATION CUST. #2 — FEED BOTTOM — MTG FLUSH

LOCATION	WATTAGE ΦA	WATTAGE ΦB	WATTAGE ΦC	LTG	REC	MIS	CIR	BKR	A B C	BKR	CIR	MIS	REC	LTG	WATTAGE ΦA	WATTAGE ΦB	WATTAGE ΦC	LOCATION
CLOTHING RM #1	1650			11			1	1/20		1/20	2	1			1000			SEC. CLASSROOM #4
		1800		2			3				4	1				800		
			1650	11			5				6	1					1200	
TOIL. HALL, CUST	1800			2			7				8	1			1000			
FACULTY LOUNGE		1200		8			9				10		4			1000		
BOOKS			1200	6			11				12		4				1000	
DUPLICATING RM	1600			8			13				14		4		1200			
COUNSELOR, PRINC.		1600		8			15				16		4			1200		
SECRETARY			1200	8			17				18		5				1130	
ATT. SECRETARY	1200			6			19				20	1	4		1000			ATT. SEC. ENTRY
ENTRY		1800		9			21				22		4			720		BOOK ATT. SEC. ENTRY
SEC. CLASSROOM #4			1650	11			23				24		5				900	SECRETARY, PRINC.
	1800			12			25				26		5		900			SECRETARY, COUN.
		1650		11			27				28	1				1200		DUPLICATING
CLOTHING RM #1			1250	5			29				30	1					1000	
	1250			5			31				32		6		1080			
		1250		4			33				34		6			1080		FAC. LOUNGE
			1000				35				36		4				800	TOILETS, CUSTOD. #2
EF-5	1000						37				38	1			1000			CUSTOD #2
Elev.		1000					39				40	1				1000		SPARE
SPARE			1000				41				42	1					1000	"
WATTS/PHASE	9800	10,850	9350												6930	6300	7530	WATTS/PHASE

TOTAL = 51,310 — WATTS = 150 — AMPS @ 120/208V, 3Φ, 4W (HIGH PHASE)

MITCHELL AND ASSOCIATES CONSULTING ENGINEERS — EL CAJON, CALIFORNIA

APPROVED BY DISTRICT BOARD OF TRUSTEES

APPROVED STATE FIRE MARSHAL STATE OF CALIFORNIA JUL 11 1973

ARTHUR D. DECKER, ARCHITECT — EL CAJON, CALIFORNIA • MEMBER OF THE A.I.A.

ARCHITECT C-11163

ADULT EDUCATION FACILITY

GROSSMONT UNION HIGH SCHOOL DISTRICT
1550 MELODY LANE EL CAJON, SAN DIEGO COUNTY, CALIFORNIA.

PANEL SCHEDULES

DATE DEC. 72 — DRAWN BY GS — JOB 69-6 — SHEET E5-3 OF

VOLTS [illegible] PANEL E FEED [illegible]
MAIN [illegible] LOCATION [illegible] MTG [illegible]

LOCATION	WATTAGE ΦA	ΦB	ΦC	LTG	REC	MIS	CIR	BKR	A B C	BKR	CIR	MIS	REC	LTG	WATTAGE ΦA	ΦB	ΦC	LOCATION
[illegible]	[illegible]			[illegible]			1	[illegible]		[illegible]	2			[illegible]	[illegible]			[illegible]
		[illegible]		[illegible]			3				4			[illegible]		[illegible]		
			[illegible]	[illegible]			5				6			[illegible]			[illegible]	
	[illegible]			[illegible]			7				8			[illegible]	[illegible]			
[illegible]		[illegible]		[illegible]			9				10			[illegible]		[illegible]		
			[illegible]	[illegible]			11				12			[illegible]			[illegible]	
	[illegible]			[illegible]			13				14			[illegible]	[illegible]			
		[illegible]		[illegible]			15				16			[illegible]		[illegible]		
[illegible]			[illegible]	[illegible]			17				18			[illegible]			[illegible]	
[illegible]	[illegible]						19				20			[illegible]	[illegible]			
		[illegible]					21				22			[illegible]		[illegible]		
			[illegible]				23				24			[illegible]			[illegible]	
[illegible]							25				26							
							27				28							
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							37				38							
							39				40							
							41				42							
WATTS/PHASE	[illegible]	[illegible]	[illegible]												[illegible]	[illegible]	[illegible]	WATTS/PHASE

TOTAL [illegible] WATTS [illegible] AMPS @ [illegible]

VOLTS [illegible] PANEL [illegible] FEED [illegible]
MAIN [illegible] LOCATION [illegible] MTG [illegible]

LOCATION	WATTAGE ΦA	ΦB	ΦC	LTG	REC	MIS	CIR	BKR	A B C	BKR	CIR	MIS	REC	LTG	WATTAGE ΦA	ΦB	ΦC	LOCATION
[illegible]	[illegible]			[illegible]			1	[illegible]		[illegible]	2			[illegible]	[illegible]			[illegible]
		[illegible]		[illegible]			3				4			[illegible]		[illegible]		
			[illegible]	[illegible]			5				6			[illegible]			[illegible]	
	[illegible]			[illegible]			7				8			[illegible]	[illegible]			
		[illegible]		[illegible]			9				10			[illegible]		[illegible]		
			[illegible]	[illegible]			11				12			[illegible]			[illegible]	
[illegible]				[illegible]			13				14			[illegible]	[illegible]			
		[illegible]		[illegible]			15				16			[illegible]		[illegible]		
			[illegible]	[illegible]			17				18			[illegible]			[illegible]	
[illegible]	[illegible]						19				20			[illegible]	[illegible]			
		[illegible]					21				22			[illegible]		[illegible]		
			[illegible]				23				24			[illegible]			[illegible]	
[illegible]							25				26							
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							41				42							
WATTS/PHASE	[illegible]	[illegible]	[illegible]												[illegible]	[illegible]	[illegible]	WATTS/PHASE

TOTAL [illegible] WATTS [illegible] AMPS @ [illegible]

ARTHUR D. DECKER, ARCHITECT

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ADULT EDUCATION
[illegible]
PANEL SCHEDULES

DATE [illegible]
DRAWN BY [illegible]
JOB [illegible]
SHEET [illegible]