FRYBERGER

LEGAL DESCRIPTION

ALL THAT CERTAIN LAND SITUATED IN THE COUNTY OF ORANGE, STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS:

PARCEL 1:

THAT PORTION OF FRACTIONAL NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 9, IN TOWNSHIP 5 SOUTH, RANGE 11 WEST, IN THE RANCHO LAS BOLSAS, IN THE CITY OF WESTMINSTER, AS SHOWN ON A MAP THERE OF RECORDED IN BOOK 51, PAGE 13, MISCELLANEOUS MAPS, RECORDS OF SAID ORANGE COUNTY.

PARCEL 2:

THAT PORTION OF THE SOUTH HALF OF THE NORTHEAST QUARTER OF SECTION 9, IN TOWNSHIP 5 SOUTH, RANGE 11 WEST, IN THE RANCHO LAS BOLSAS, IN THE CITY OF WESTMINSTER, AS SHOWN ON A MAP THEREOF RECORDED IN BOOK 51, PAGE 13, MISCELLANEOUS MAPS, RECORDS OF SAID ORANGE COUNTY.

NOTE:

THE LAND DESCRIBED IN PARCEL 2 IS INCLUDED WITHIN THE AREA SHOWN ON A MAP OF SURVEY RECORDED IN BOOK 10, PAGE 3, RECORD OF SURVEYS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID ORANGE COUNTY.

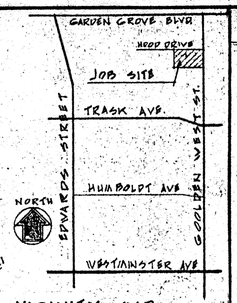
BENCH MARKS

H-45-58 STATE OF CALIF. MONUMENT AT CENTER LINE - INTERSECTION OF GARDEN GROVE BOULEVARD AND KNOTT AVENUE, 10' BELOW SURFACE, ELEV. = 42.861

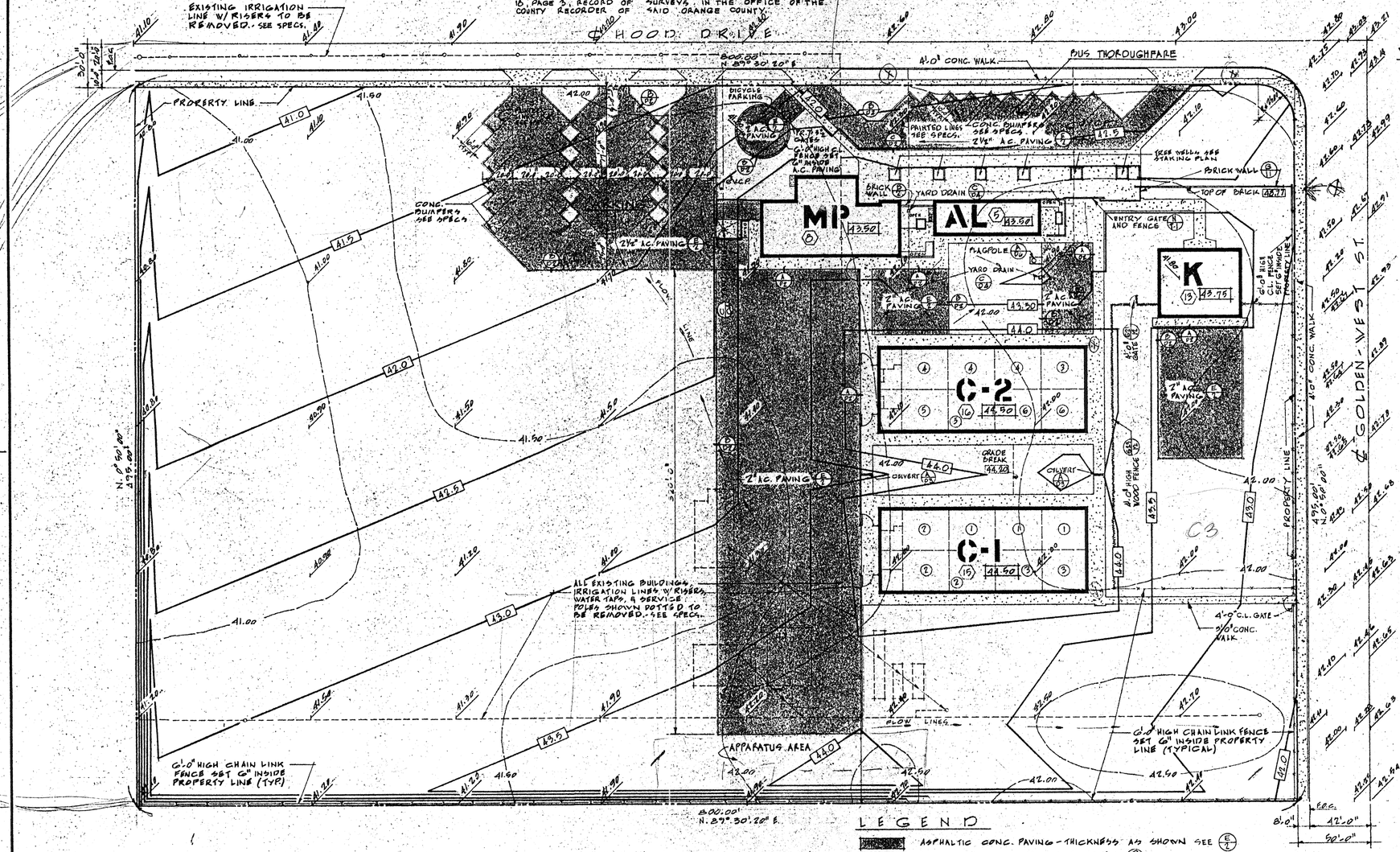
PROJECT BENCH #1, TOP OF 18" DIA., 3' HIGH STANDPIPE AT NORTHWEST CORNER OF PROPERTY, ON NEST RIM, ELEV. = 44.16

PROJECT BENCH #2, TOP OF 1" I.P. TAGGED LS 1210, 6" DEEP, AT NORTHWEST CORNER OF PROPERTY, ELEV. = 40.51

PROJECT BENCH #3, PK & T AT INTERSECTION OF NORTH PROPERTY LINE AND CENTER LINE OF GOLDENWEST, ELEV. = 43.71



VICINITY MAP
NO SCALE



NORTH

LEGEND

- ASPHALTIC CONC. PAVING - THICKNESS AS SHOWN SEE (E/2)
- CONCRETE PAVING - SEE SHEET No 2 & (D/2)
- EXISTING BUILDINGS TO BE REMOVED
- 00.00 FINISH GRADE OR CONTOURS
- 00.00 EXISTING NATURAL GRADES OR CONTOURS
- CHAIN LINK FENCE
- WOOD FENCE
- (5) FLOOR PLAN SHEET REFERENCE NUMBER.
- "AL" ADMINISTRATION - LIBRARY BLDG.
- "MP" MULTI-PURPOSE BLDG.
- "K" KINDERGARTEN BLDG.
- "C-1" & "C-2" CLASSROOM BLDGS.
- EXISTING GRADES

PLOT PLAN

SCALE 1" = 40'-0"

SEE SHEET NO. G-1 FOR STREET WORK

SCHEDULE OF DRAWINGS

ARCHITECTURAL

1. PLOT PLAN, SCHEDULE OF DRAWINGS
2. STAKING & GRADING PLANS
3. ROOF & COVERED WALK PLANS
4. RAVE & RAKE DETAILS
5. ADMINISTRATION - FLOOR PLAN & EXTERIOR ELEVATIONS
6. ADMINISTRATION - INTERIOR ELEVATIONS
7. ADMINISTRATION - DETAILS
8. MULTI-PURPOSE - FLOOR PLAN & EXTERIOR ELEVATIONS
9. MULTI-PURPOSE - DETAILS
10. MULTI-PURPOSE - INTERIOR ELEVATIONS & DETAILS
11. MULTI-PURPOSE - INTERIOR ELEVATIONS
12. MULTI-PURPOSE - DETAILS
13. KINDERGARTEN - FLOOR PLAN & EXTERIOR ELEVATIONS
14. KINDERGARTEN - INTERIOR ELEVATIONS
15. CLASSROOM "C-1" - FLOOR PLAN & EXTERIOR ELEVATIONS
16. CLASSROOM "C-2" - FLOOR PLAN & EXTERIOR ELEVATIONS
17. CLASSROOM "C-1" & "C-2" - INTERIOR ELEVATIONS
18. DOOR SCHEDULE
19. DOOR DETAILS
20. DOOR DETAILS
21. WINDOW SCHEDULE
22. WINDOW DETAILS
23. WINDOW DETAILS

T-1. TYPICAL DETAILS

STRUCTURAL

S-1. TYPICAL DETAILS
S-2. COVERED WALK ROOF FRAMING PLAN
S-3. ADMINISTRATION - MULTI-PURPOSE - FOUNDATION PLAN
S-4. ADMINISTRATION - MULTI-PURPOSE - ROOF FRAMING PLAN
S-5. ADMINISTRATION - SECTION & DETAILS
S-6. MULTI-PURPOSE - SECTION & DETAILS
S-7. MULTI-PURPOSE - SECTION & DETAILS
S-8. KINDERGARTEN - ROOF FRAMING & FOUNDATION PLANS
S-9. KINDERGARTEN - SECTION & DETAILS
S-10. CLASSROOM "C-1" & "C-2" - FOUNDATION PLAN
S-11. CLASSROOM "C-1" & "C-2" - ROOF FRAMING PLAN
S-12. CLASSROOM "C-1" & "C-2" - SECTION & DETAILS

MECHANICAL

H-1. HEATING - MULTI-PURPOSE PLAN & SECTIONS
H-2. HEATING - ADMINISTRATION & KINDERGARTEN PLANS
H-3. HEATING - CLASSROOM BLDGS. PLANS
H-4. HEATING - DETAILS

P-1. PLUMBING - PLOT PLAN & LEGEND
P-2. PLUMBING - MULTI-PURPOSE PLAN
P-3. PLUMBING - ADMINISTRATION & KINDERGARTEN PLANS
P-4. PLUMBING - CLASSROM BLDGS. PLANS
P-5. PLUMBING - DETAILS

ELECTRICAL

E-1. PLOT PLAN & DETAILS
E-2. MULTI-PURPOSE - LIGHTING & RECEPTACLE PLANS
E-3. ADMINISTRATION - LIGHTING & RECEPTACLE PLANS
E-4. CLASSROOM "C-1" - LIGHTING & RECEPTACLE PLANS
E-5. CLASSROOM "C-2" - LIGHTING & RECEPTACLE PLANS
E-6. KINDERGARTEN - LIGHTING & RECEPTACLE PLANS
E-7. SCHEDULE - GENERAL NOTES & TYPICAL DETAILS

G-1. STREET WORK
G-2. STREET WORK
Sp-1. SPRINKLER LAYOUT

5 TOTAL SHEETS

D10

DETAIL SHEETS "D-1" THRU "D-15" INCLUSIVE - BOUND IN SPECS.

APPROVED
GLENN B. VANCE
STATE FIRE MARSHALL
BY
DATE APR 8 1963

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1963
APPLICATION NO.
By
PRINCIPAL STRUCTURAL ENGINEER

WESTMINSTER SCHOOL DISTRICT

FRYBERGER ELEMENTARY SCHOOL

NTD # 98188

APPROVED: ARCHITECT / ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE — APPL. NO. / DATE / PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT	GOLDENWEST SCHOOL WESTMINSTER SCHOOL DISTRICT FOR THE GOLDENWEST AT HOOD WESTMINSTER, CALIFORNIA

HILLMAN & NOWELL
STRUCTURAL ENGINEERS
816 W. 5th STREET MA 4-8748
LOS ANGELES 17, CALIFORNIA

F. A. Grunenfelder, Co. Supt. of Schools
By

LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINT

DATE OF DRAWING
DRAWN BY
DRAWING NO. 1 OF 54

LEGAL DESCRIPTION

ALL THAT CERTAIN LAND SITUATED IN THE COUNTY OF ORANGE, STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS:

PARCEL 1: THAT PORTION OF FRACTIONAL NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 3, IN TOWNSHIP 5 SOUTH, RANGE 11 WEST, IN THE RANCHO LAS BOLSAS, IN THE CITY OF WESTMINSTER, AS SHOWN ON A MAP THERE OF RECORDED IN BOOK 51, PAGE 13, MISCELLANEOUS MAPS, RECORDS OF SAID ORANGE COUNTY.

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BENCH MARKS

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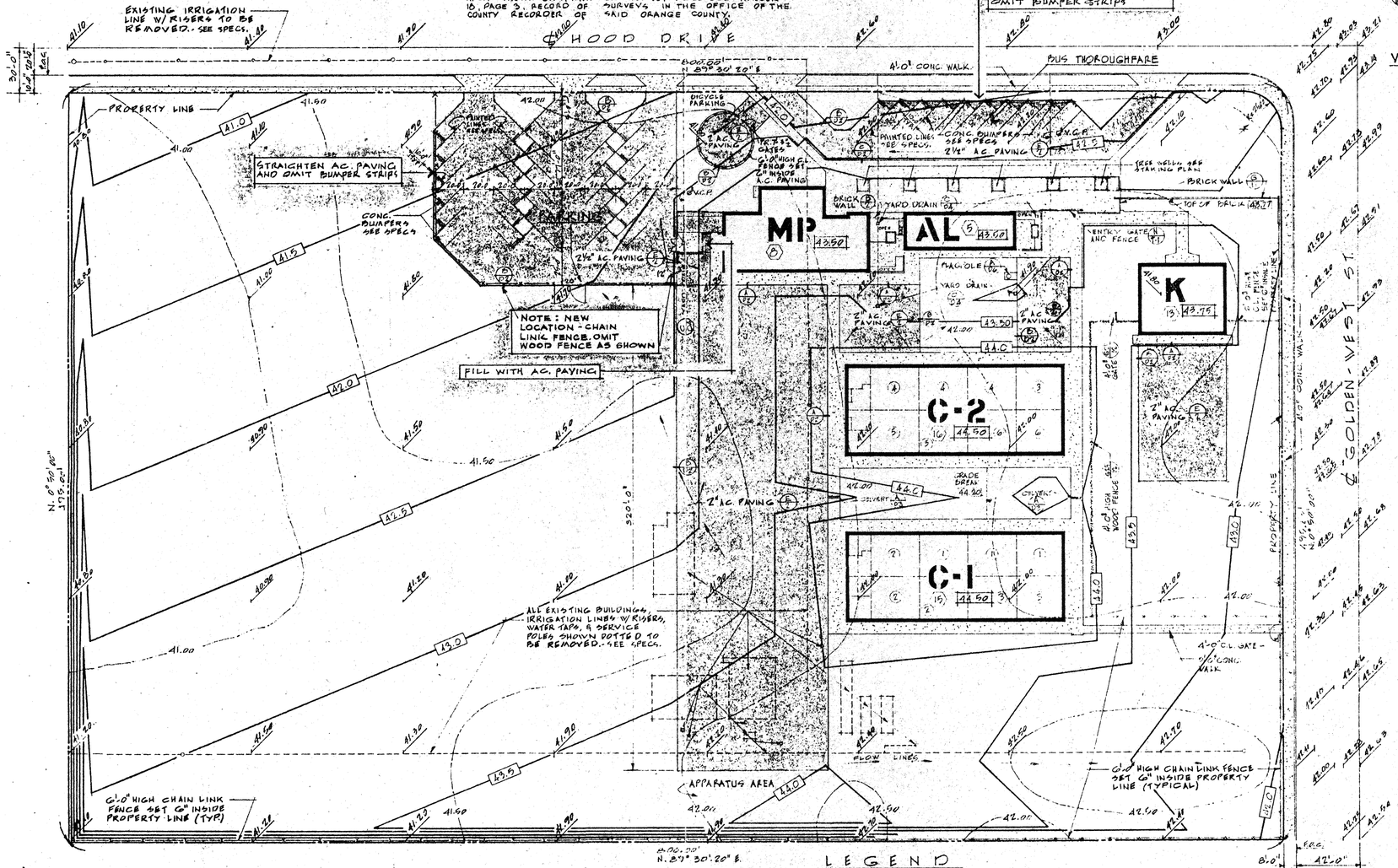

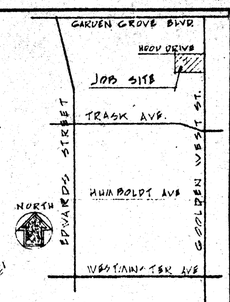

VICINITY MAP
NO SCALE

LEGEND

- ASPHALTIC CONC. PAVING - THICKNESS AS SHOWN SEE (E/2)
- CONCRETE PAVING - SEE SHEET NO 2 & (D/2)
- EXISTING BUILDINGS TO BE REMOVED
- 00.00 FINISH GRADE OR CONTOURS
- 00.00 EXISTING NATURAL GRADES OR CONTOURS
- CHAIN LINK FENCE
- WOOD FENCE
- (5) FLOOR PLAN SHEET REFERENCE NUMBER.
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- "MP" MULTI-PURPOSE BLDG.
- "K" KINDERGARTEN BLDG.
- "C-1" & "C-2" CLASSROOM BLDGS.

✓ EXISTING GRADES

NORTH

PLOT PLAN

SCALE 1" = 40'-0"

SEE SHEET NO. G-1 FOR STREET WORK

SCHEDULE OF DRAWINGS

ARCHITECTURAL

1. PLOT PLAN, SCHEDULE OF DRAWINGS
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T-1. TYPICAL DETAILS

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E-7. SCHEDULE - GENERAL NOTES & TYPICAL DETAILS

G-1. STREET WORK
Sp-1. SPRINKLER LAYOUT

5 TOTAL SHEETS

DETAIL SHEETS "D-1" THRU "D-15" INCLUSIVE - BOUND IN SPECS.

1. OMIT CHAIN-LINK FENCE AND GATES SHOWN ALONG WALK WEST OF BUILDINGS C-1 AND C-2, AND 5' OF WOOD FENCING EXTENSION AT SERVICE YARD.
2. INSTALL CHAIN-LINK FENCING AND GATES AROUND PARKING AREA AS SHOWN
3. STRAIGHTEN SAWTOOTH AT PARKING AREA AND OMIT BUMPER STRIP AS SHOWN.

APPROVED
GLENN G. VANCE
STATE FIRE MARSHALL
BY [signature]
DATE APR 8 1963

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1963
APPLICATION NO. FOR [signature]
PRINCIPAL STRUCTURAL ASSISTANT

APPROVED: [signature]
ARCHITECT
ENGINEER

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
APPL. NO.
DATE PRINCIPAL STRUCTURAL ENGINEER

APPROVED: FOR THE DISTRICT [signature]

GOLDENWEST SCHOOL
WESTMINSTER SCHOOL DISTRICT FOR THE
GOLDENWEST AT HOOD
WESTMINSTER, CALIFORNIA

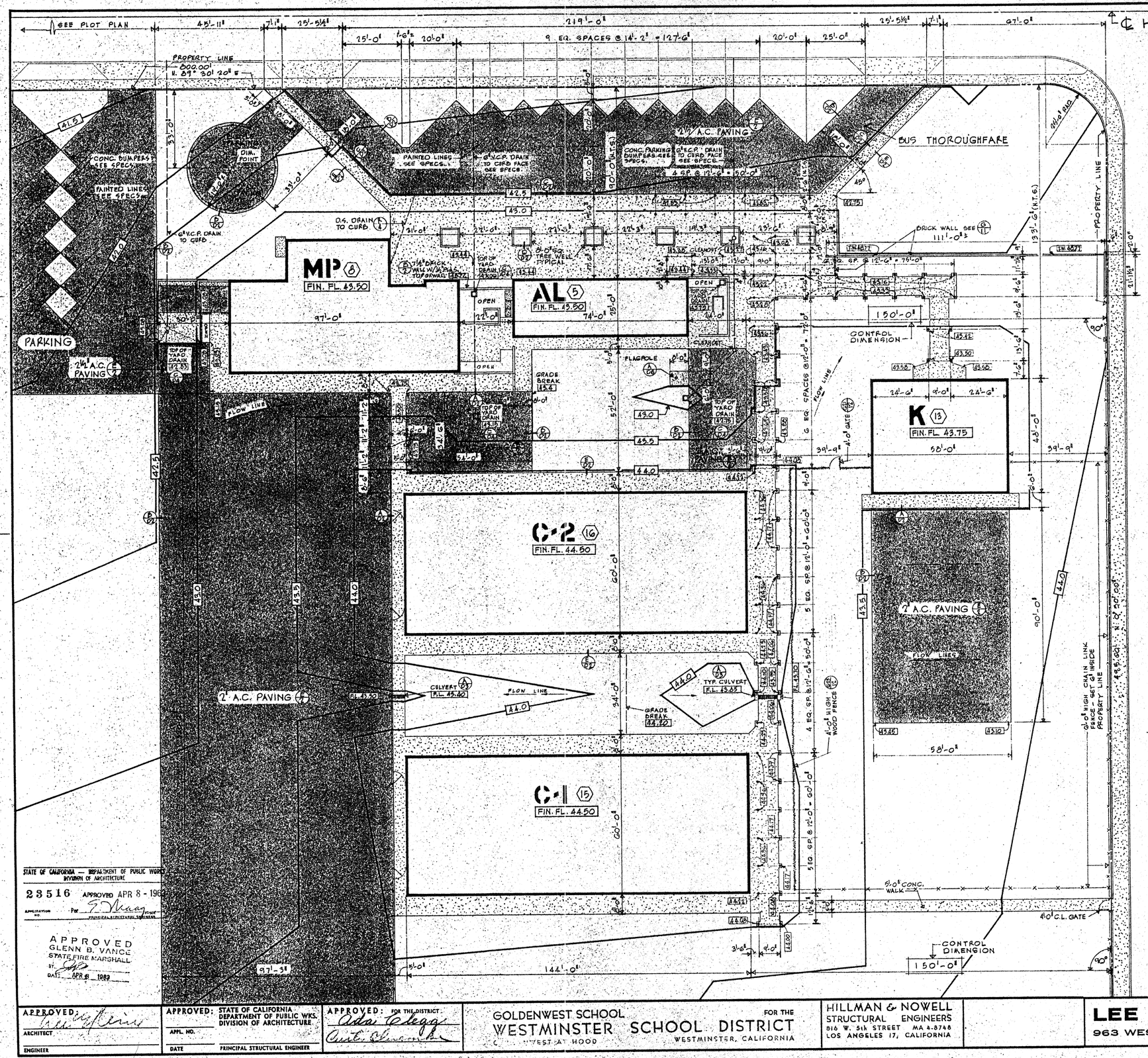
HILLMAN & NOWELL
STRUCTURAL ENGINEERS
816 W. 5th STREET MA 4-8748
LOS ANGELES 17, CALIFORNIA

F. A. Grunenfelder, Co. Supt. of Schools
BY [signature]

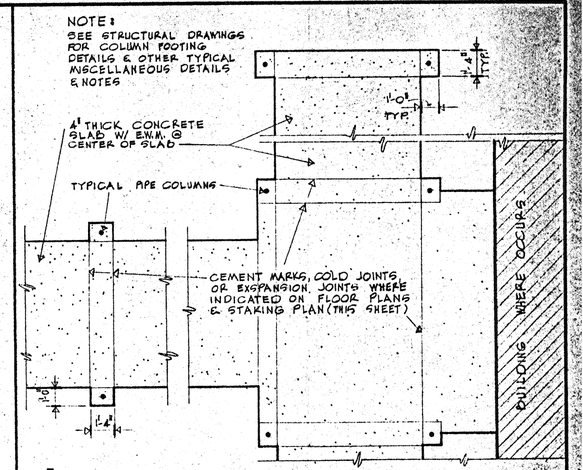
LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

BK | DATE OF DRAWING 1-25-64 | DRAWN BY | DRAWING NO. 1 OF 54

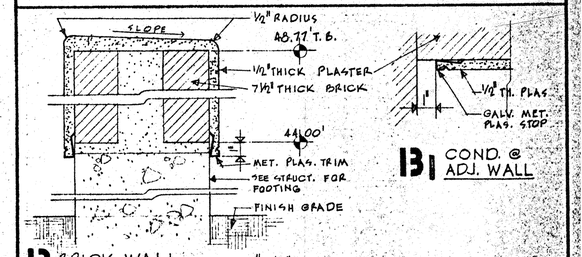
B-3



NOTE:
SEE STRUCTURAL DRAWINGS FOR COLUMN FOOTING DETAILS & OTHER TYPICAL MISCELLANEOUS DETAILS & NOTES

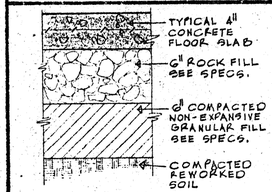


A PARTIAL PLAN COVERED WALKS
SCALE 1/4" = 1'-0"

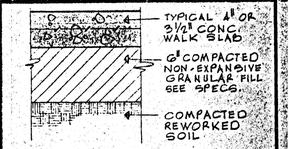


B1 COND. @ ADJ. WALL

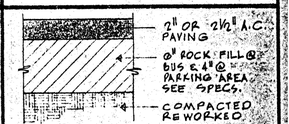
B BRICK WALL SCALE 3" = 1'-0"



C CONCRETE FLOOR SLAB
SCALE 1½" = 1'-0"



D CONCRETE WALK SLAB
SCALE 1½" = 1'-0"



E A.C. PAVING
SCALE 1½" = 1'-0"

NORTH

STAKING AND GRADING PLAN
SCALE 1" = 20'-0"

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1969
APPLICATION NO. — By — PRINCIPAL STRUCTURAL ENGINEER

APPROVED
GLENN B. VANCE
STATE FIRE MARSHALL
BY:
DATE: APR 8 1969

APPROVED: ARCHITECT / ENGINEER

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
APPL. NO.
DATE — PRINCIPAL STRUCTURAL ENGINEER

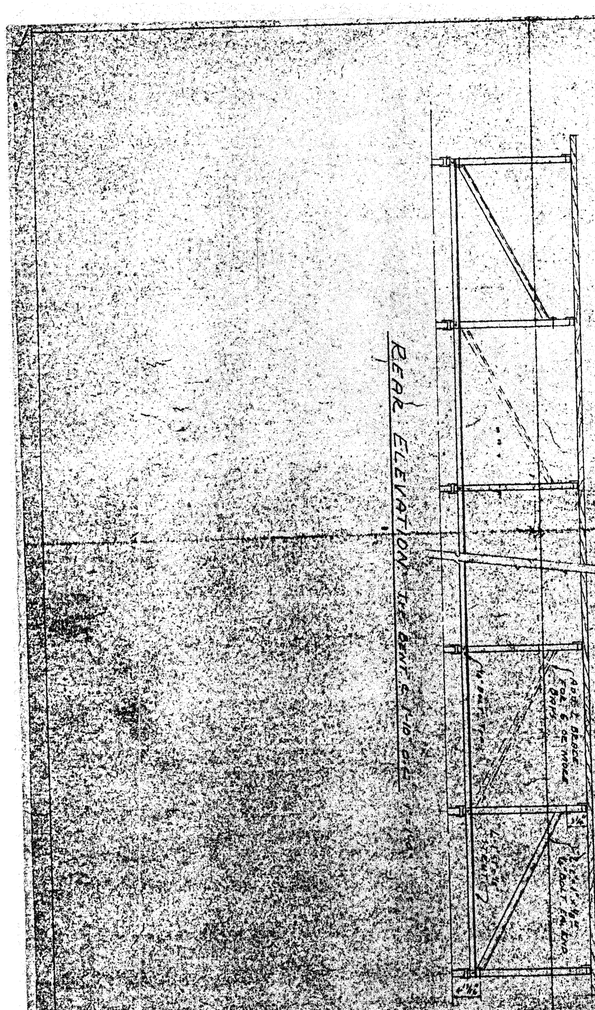
APPROVED: FOR THE DISTRICT
Asa Clegg
Asst. Superintendent

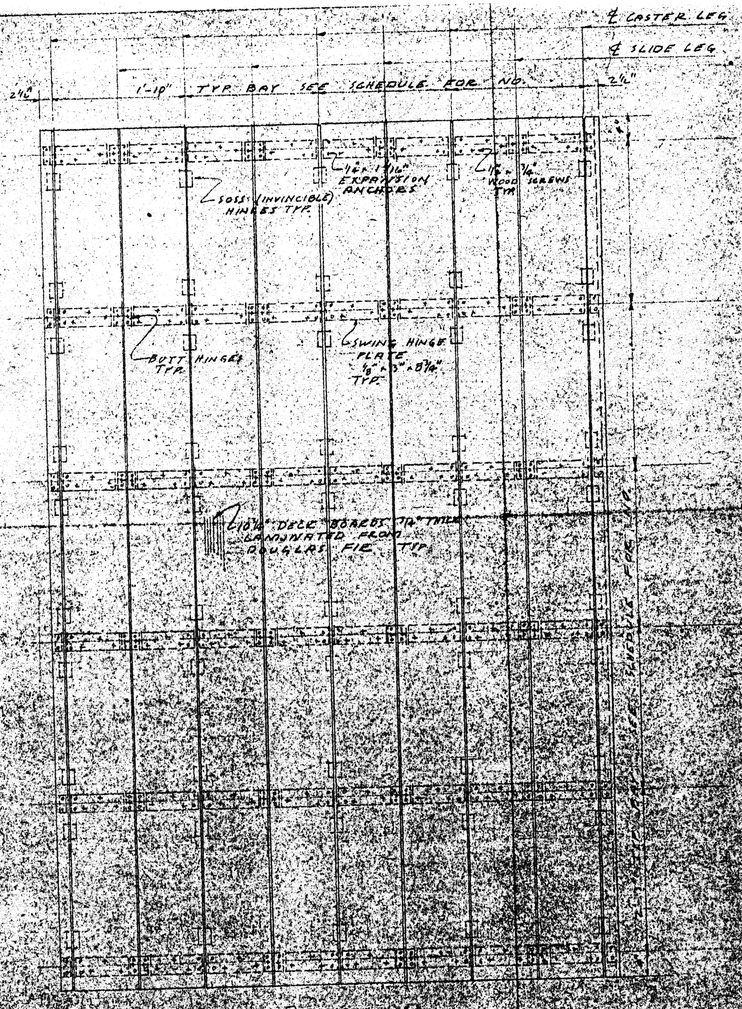
GOLDENWEST SCHOOL
WESTMINSTER SCHOOL DISTRICT FOR THE
℄ GOLDENWEST AT HOOD
WESTMINSTER, CALIFORNIA

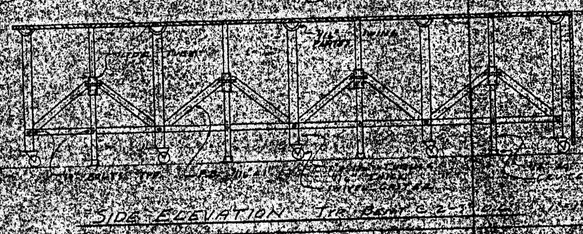
HILLMAN & NOWELL
STRUCTURAL ENGINEERS
816 W. 5th STREET MA 8-8748
LOS ANGELES 17, CALIFORNIA

LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

DATE OF DRAWING
DRAWN BY
DRAWING NO. 2 OF 54







GENERAL NOTES

1. FOLDING STAGE ALL SHOWN ON PLANS UNLESS OTHERWISE NOTED SHALL BE MANUFACTURED BY SHIFFLER EQUIPMENT SALES, INC. DEFIANCE, OHIO.
2. STAGE SHALL BE CONSTRUCTED FABRICATED AND ERECTED IN ACCORDANCE WITH THE SHIFFLER SPECIFICATIONS.
3. UNITS SHALL BE DESIGNED TO CARRY THE LOADS REQUIRED BY THE CALIFORNIA STATE DIVISION OF ARCHITECTURE BUT NOT LESS THAN 100 P.S.F. LIVE LOAD.
4. SUPPORTING STRUCTURE SHALL BE OF TUBULAR STEEL CONSTRUCTION AND SHALL BE TRIANGULATED AGAINST MOVEMENT WHERE IN USE.
5. ALL LUMBER SHALL BE DOUGLAS FIR WITH A MAXIMUM SHRINKAGE OF 19%.
6. JOB DATA
   BUILDING M.P.
   SCHOOL GOLDEN W
   OWNER WHITTIER SCHOOL DIST
   SIZE OF STAGE
   NUMBER OF UNITS
   SIZE OF UNITS
7. REFER TO [illegible] FOR PREVIOUS APPROVAL
8. STEPS PER GENERAL CONTRACT

DATE OF CALIFORNIA - DEPARTMENT OF GENERAL SERVICES
APPROVED
23426 DEC 13 1963
FOLDING STAGE

Fd 1" I.P. - LS. 2210
6" deep

Set 2" I.P. - RCE 10180
12" deep

N. 89° 30' 20" E. 550.00'

LOIRT ROAD

18" S.P. 36" HIGH

12 GW 1" DIA. RISERS

5+25

5+00

TP^M C 58 42 Y

TELEPHONE M.H.

4+00

TP^M C 58 43 Y

3+00

TP^M C 58 44 Y

525.00'

N 0° 30' 00" W.

2+00

E GOLDEN WEST

TP^M C 58 45 Y

1+00

10" DIA. RICHFIELD OIL STEEL WELL

TELEPHONE M.H.

0+00

PP^M C.58 46 Y

30' ST

20

PARK.

N 0° 30' 00" W. 525.00'

FRAME HOUSE

SERVICE POLE

FUEL PUMP

WATER TAP

F.R.M. BUILD. WITH UTILITIES

EG. "R" SHED

CHICKEN COOPS

WATER TAP

10' DEEP HOLE W/ WOOD COVER/ WATER TAP

SER. POLE

PP^M 66 C 38 E

3" PIPE

PP^M 8223 29 E

3' DIA. TANK & ELEC. FUNCTION 4'18" CONC. PAD.

GAS METER

PP^M 66 B 37 E

IRR. LINE, 10" DEEP

IRR. RISER

Fd 1" I.P. - LS. 2210 10" deep

Set 2" I.P. - RCE 10180 12" deep

Fd 1" I.P. - LS. 2210 on Surface

IRRIGATION RISER

Set C.I.P. RCE. 10180 12" deep

N. 89° 30' 20" E. 850.00'

TOPOGRAPHY MAP

SCALE: 1" = 40'
CONTOUR INTERVAL = 0.5'

BENCH MARK:: I.N. 45: 58
STATE OF CALIFORNIA MONUMENT @ ℄
INT. GARDEN GROVE BLVD & KNOTT AVE.
10" BELOW SURFACE. ELEV. 42.861

PREPARED BY:
WILLIAMSON AND SCHMID
CIVIL ENGINEERS
1523 E. 1ST STREET, SANTA ANA, CALIFORNIA
RE. 22111 R.W. Williamson RE. 10180 W-96727

APPROVED:	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE	APPROVED: FOR THE DISTRICT
ARCHITECT	APPL. NO.	
ENGINEER	DATE PRINCIPAL STRUCTURAL ENGINEER	

LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

BLK

DATE OF DRAWING 12-16-62
DRAWN BY: J.M.M.
DRAWING NO.
OF

NOTE: PROPERTY LINE IS I.C. SOUTH 0°-6' & AT 66.20 EAST OF WEST PROPERTY LINE

NOTE: PROPERTY LINE RUNS SOUTH 0°-6' AT 66.20 FT. EAST OF WEST PROPERTY LINE

VALLECITO AVE. N 89°-45'-40" W 662.80'

PRINCETON AVE.

BERKELEY AVE.

0+30

1+00

2+00

3+00

4+00

5+00

6+00

7+00

8+00

9+00

10+00

11+00

12+00

13+00

14+00

15+00

16+00

17+00

18+00

19+00

20+00

21+00

22+00

23+00

24+00

25+00

26+00

27+00

28+00

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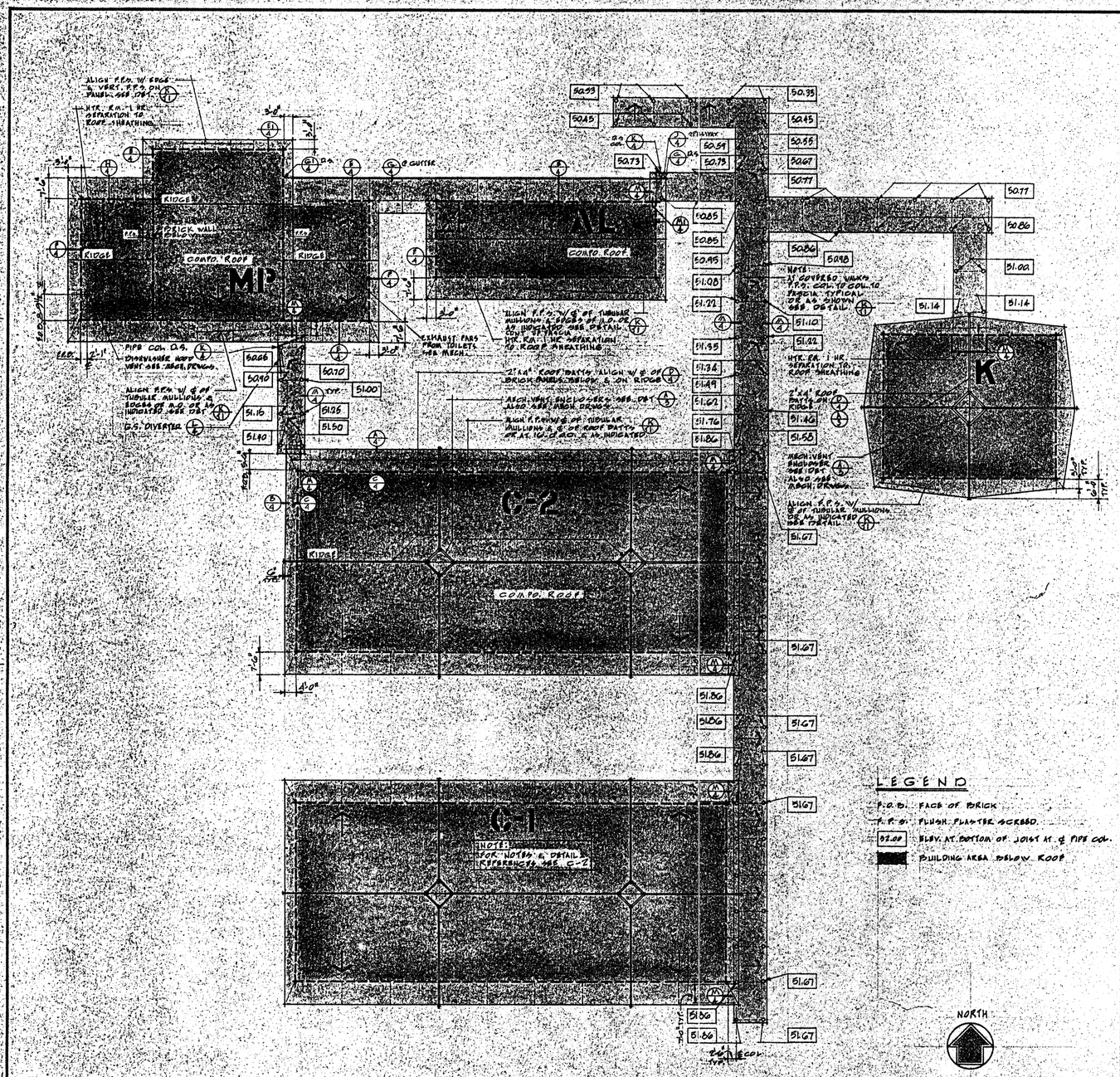
36+00

37+00

38+00

39+00

40+00



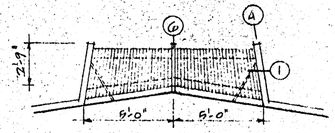
LEGEND

- F.R.P. FACE OF BRICK
- F.R.P. FLUSH PLASTER SCREED
- 52.00 ELEV. AT BOTTOM OF JOIST M & PIPE COL.
- BUILDING AREA BELOW ROOF

ROOF AND COVERED WALK PLAN

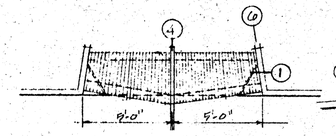
SCALE 1" = 20'-0"

TYPICAL NOTE: SPACE INTERMEDIATE 2x4 @ TOP ANGLE AND EQUAL SPACE @ BOTTOM ANGLE, CAULKING LOCATIONS TO BE PARALLEL WITH 2x4 ROOF PURLIN

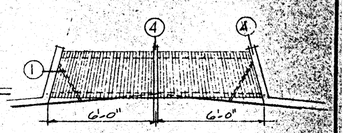


N. & S. ELEV. C-1 & C-2

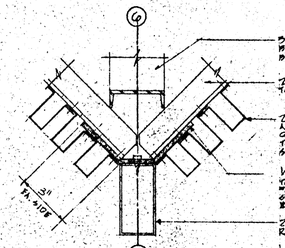
SCALE 1/4" = 1'-0"



E. & W. ELEV.

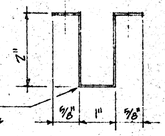


TYP. ELEV. "K" BLDG.



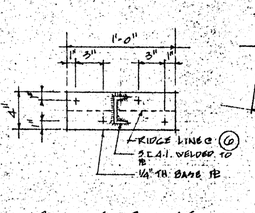
TYP. HORIZ. SECTION (1)

SCALE 3" = 1'-0"



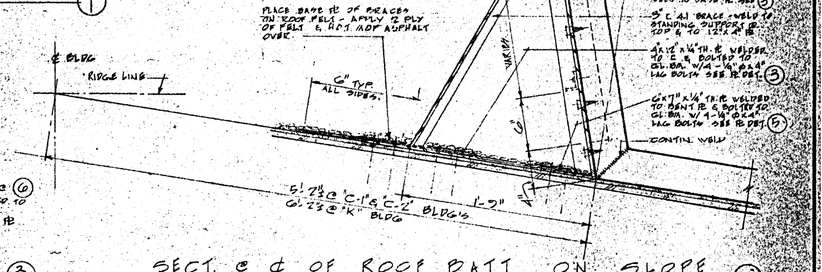
TYP. HAT SECTION (2)

HALF SCALE



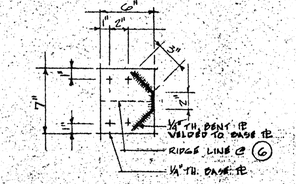
BASE PLATE (3)

SCALE 1½" = 1'-0"



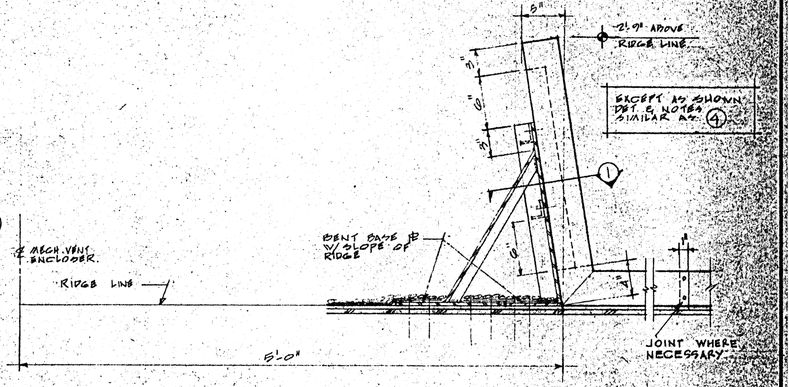
SECT. ℄ OF ROOF PURLIN ON SLOPE (4)

SCALE 1½" = 1'-0"



BASE PLATE (5)

SCALE 1½" = 1'-0"



SECT. @ ℄ OF RIDGE PURLIN (6)

SCALE 1½" = 1'-0"

A MECH. VENT ENCLOSER DETAILS

APPROVED GLENN B. VANCE STATE FIRE MARSHALL
BY _____ DATE APR 8 1963

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE
23,516 APPROVED APR 8 - 1963
APPLICATION NO. For _____ PRINCIPAL STRUCTURAL ENGINEER

APPROVED: _____ ARCHITECT _____ ENGINEER

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
APPL. NO. _____ DATE _____ PRINCIPAL STRUCTURAL ENGINEER

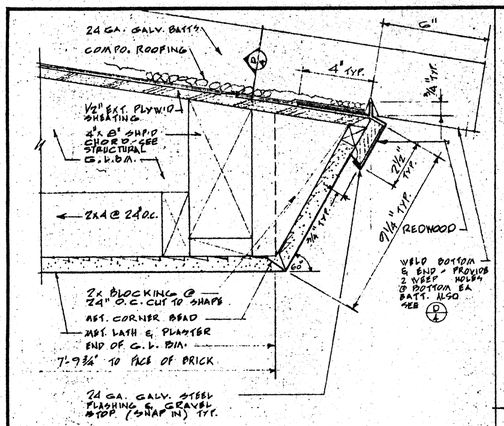
APPROVED: FOR THE DISTRICT _____

GOLDENWEST SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT
GOLDENWEST AT HOOD WESTMINSTER, CALIFORNIA

HILLMAN & NOWELL STRUCTURAL ENGINEERS
816 W. 5th STREET MA 4-8748
LOS ANGELES 17, CALIFORNIA

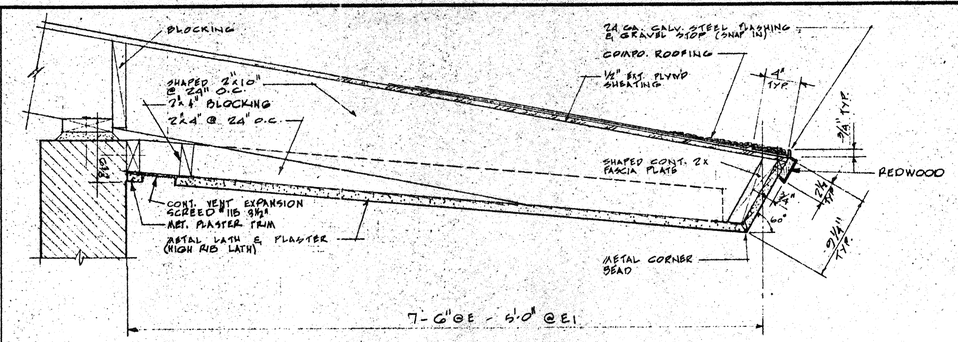
LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

DATE OF DRAWING _____ DRAWN BY _____ DRAWING NO. 3 OF _____



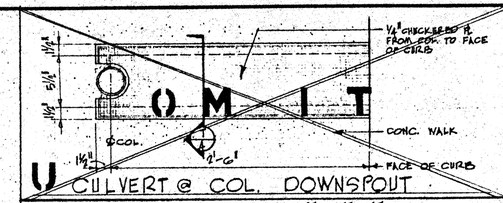
A EAVE FASCIA @ C-1 & C-2

SCALE 3/4"=1'-0"

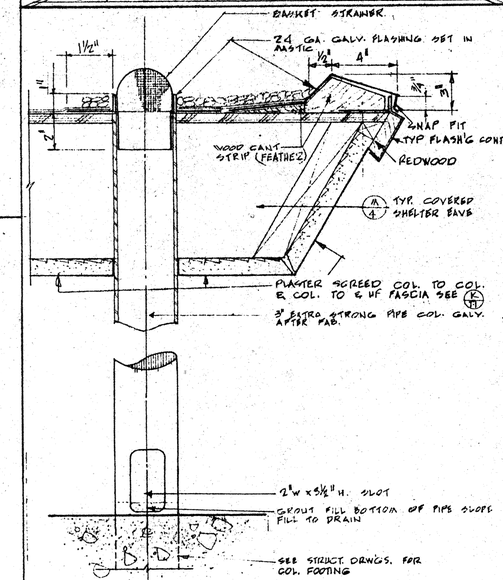


E-E1 TYPICAL EAVE @ MP & AL

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

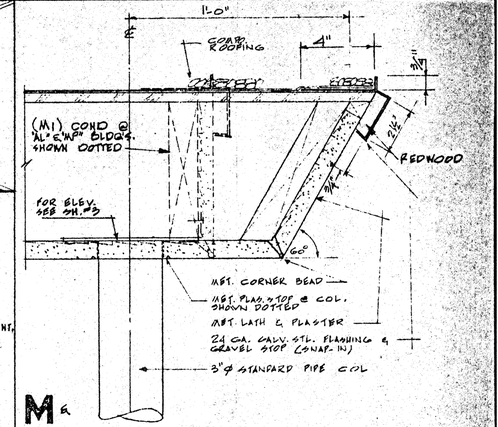


U CULVERT @ COL. DOWNSPOUT



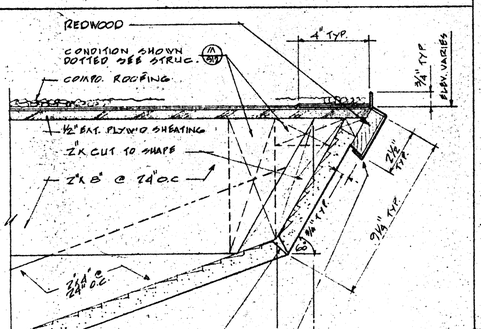
K TYP. PIPE COL. DOWNSPOUT @ COVERED PASSAGE

SCALE 3/4"=1'-0"



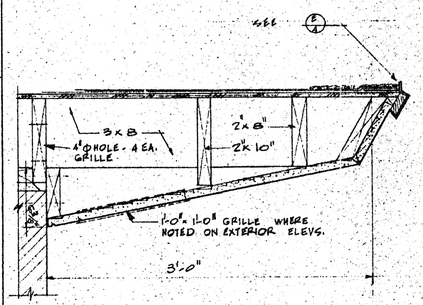
M & M1 TYP. EAVE COVERED WALK.

SCALE 3/4"=1'-0"



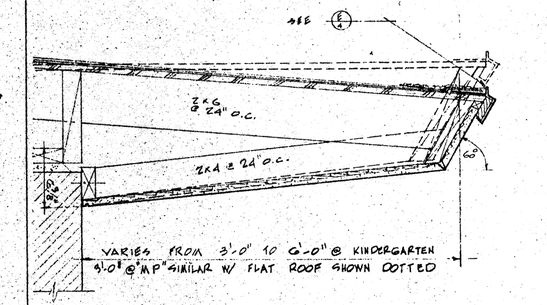
B RAKE FASCIA @ C-1 & C-2

SCALE 3/4"=1'-0"



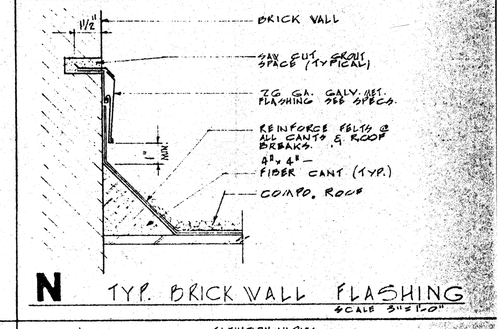
F RAKE @ MP

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



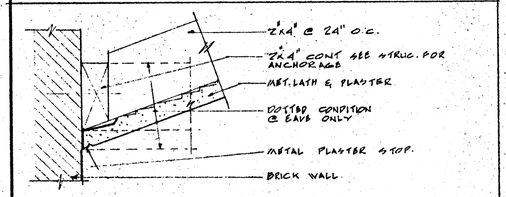
H EAVE @ K RAKE @ MP

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



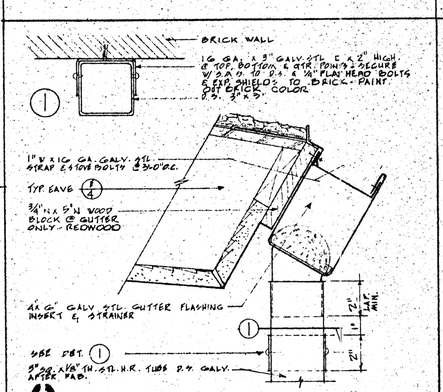
N TYP. BRICK WALL FLASHING

SCALE 3"=1'-0"



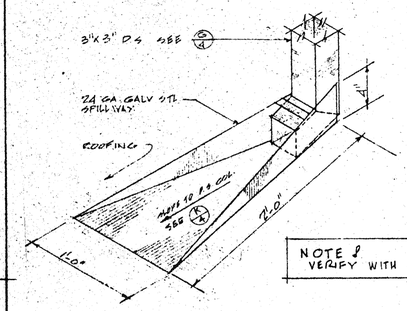
C CONNEC. TO BRICK (TYP)

RAKE OR EAVE SCALE 3"=1'-0"



G GUTTER & D.S. DETAILS

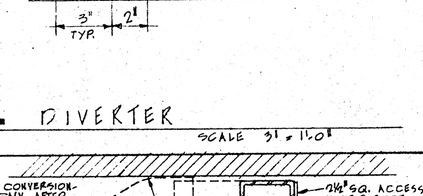
SCALE 3"=1'-0"



NOTE ! VERIFY WITH ARCHITECT

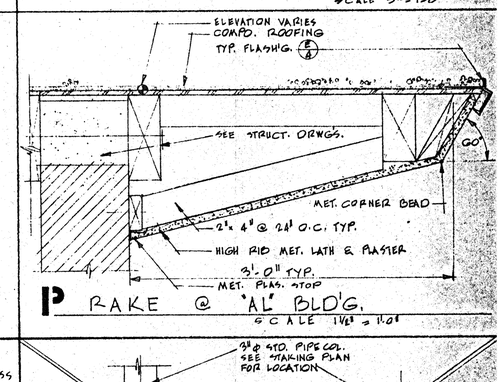
J SPILLWAY

NO SCALE



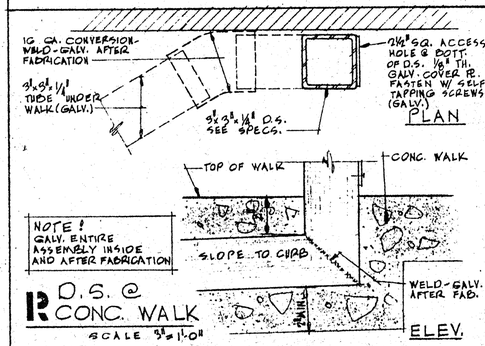
L DIVERTER

SCALE 3/4"=1'-0"



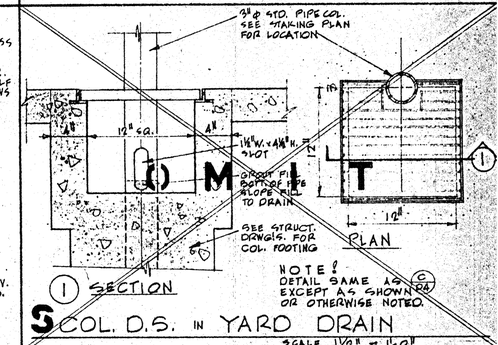
P RAKE @ "AL" BLD'G.

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



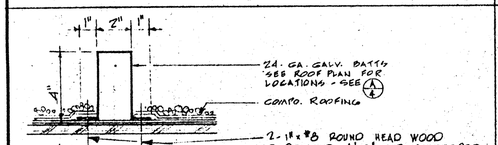
R D.S. @ CONC. WALK

SCALE 3/4"=1'-0"



S COL. D.S. IN YARD DRAIN

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



D TYPICAL ROOF BATTS

SCALE 3"=1'-0"

APPROVED
GLENN B. VANCE
STATE FIRE MARSHALL
BY
DATE APR 8 1983

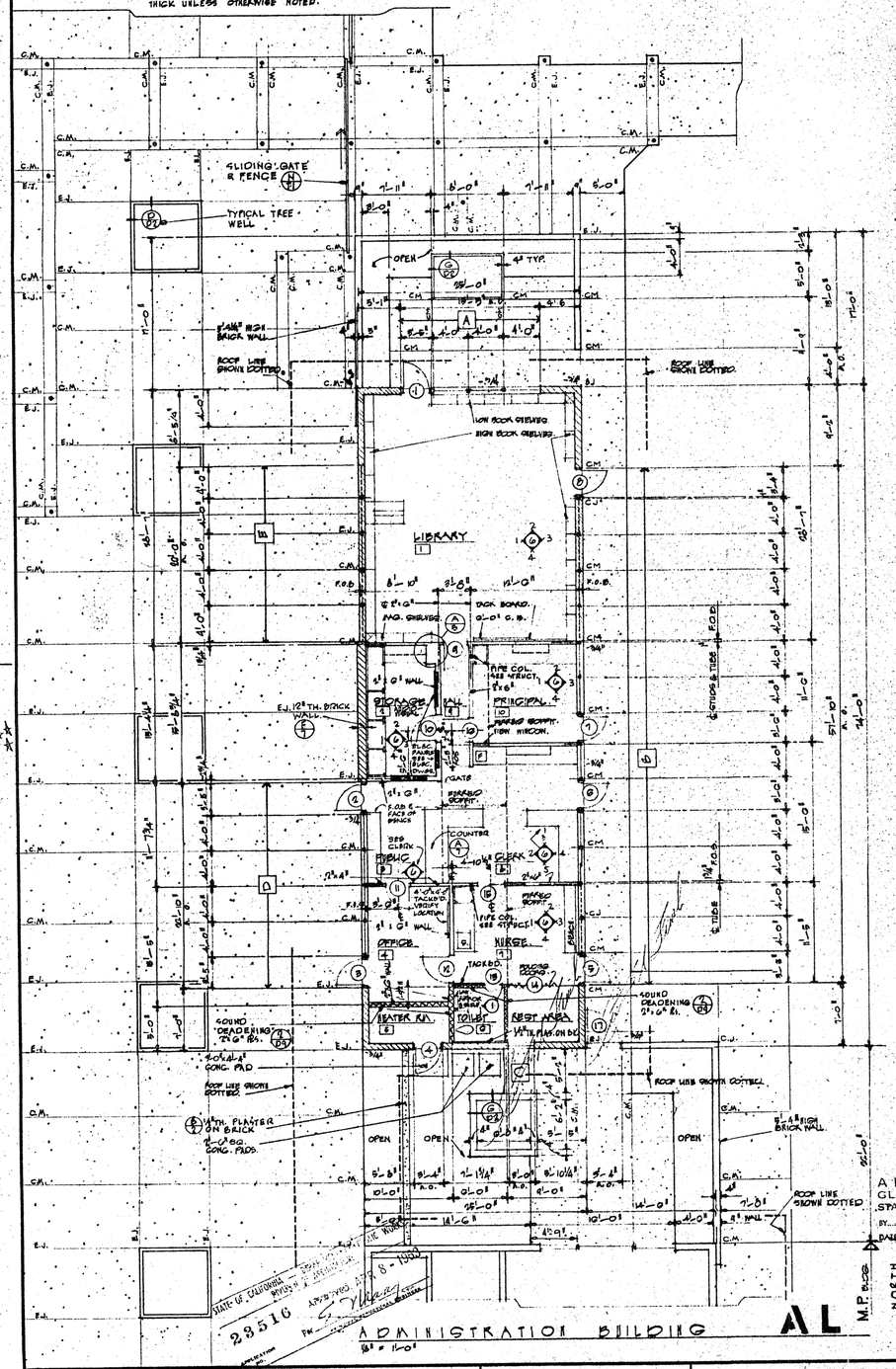
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 23516 APPROVED APR 8 - 1983
Per
PRINCIPAL STRUCTURAL ENGINEER

APPROVED: ARCHITECT / ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE — APPL. NO. — DATE — PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT	GOLDENWEST SCHOOL WESTMINSTER GOLDENWEST AT HOOD	FOR THE SCHOOL DISTRICT WESTMINSTER, CALIFORNIA	HILLMAN & NOWELL STRUCTURAL ENGINEERS 816 W. 5th STREET MA 4-8748 LOS ANGELES 17, CALIFORNIA	LEE B. KLINE, ARCHITECT, A.I.A. 963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

BLK — DATE OF DRAWING — DRAWN BY — DRAWING NO. 4 OF 4

GENERAL NOTES

- ALL BRICK PARTITIONS SHALL BE 2'-4" WOOD STUDS UNLESS SHOWN OTHERWISE.
- SERVICE YARD & PATIO WALLS SHALL BE 8" THICK.
- ALL CMU WALL EXPOSURE ARE TO ℄ UNLESS OTHERWISE NOTED. (F.O.G., F.O.B.)
- ALL BRICK WALLS (BUILDING) SHALL BE 9½" THICK UNLESS OTHERWISE NOTED.
- SEE ROOF PLAN SHEET #3 FOR INDICATION OF ONE HOUR WALLS IN HEATER ROOM.



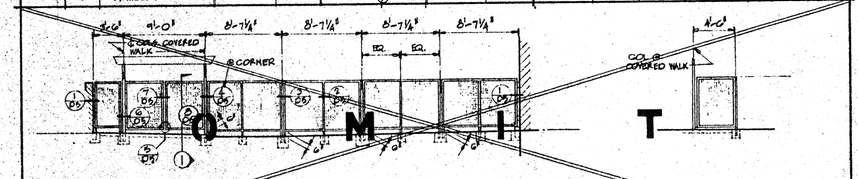
FINISH SCHEDULE

TYPICAL NOTE:
CEILING HEIGHTS ARE TO BOTTOM OF CEILING JOISTS OR RAFTERS.
*½" TH. PLAS. ON BRICK

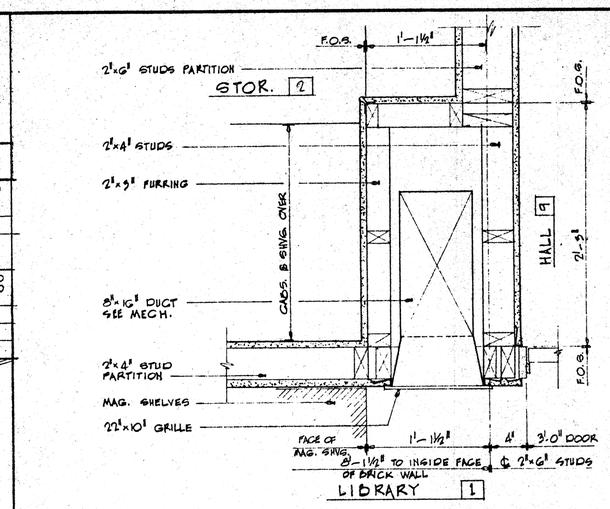
ABBREVIATIONS:

A.C.	= ASPHALTIC CONC.	G.A.T.	= GREASE-PROOF A.T.
AC.T.	= ACOUSTIC-TILE	GYP.BD.	= GYPSUM BOARD
A.T.	= ASPHALT TILE	NAT.	= NATURAL
CEM.	= CEMENT	PLAS.	= PLASTER
CLG.	= CEILING	PTD.	= PAINTED
C.T.	= CERAMIC TILE	TERR.	= TERRAZZO
F.F.	= FACTORY FINISH	W.SCT.	= WAINSCOT
F.F.E.	= FACTORY FINISH ENAMEL		

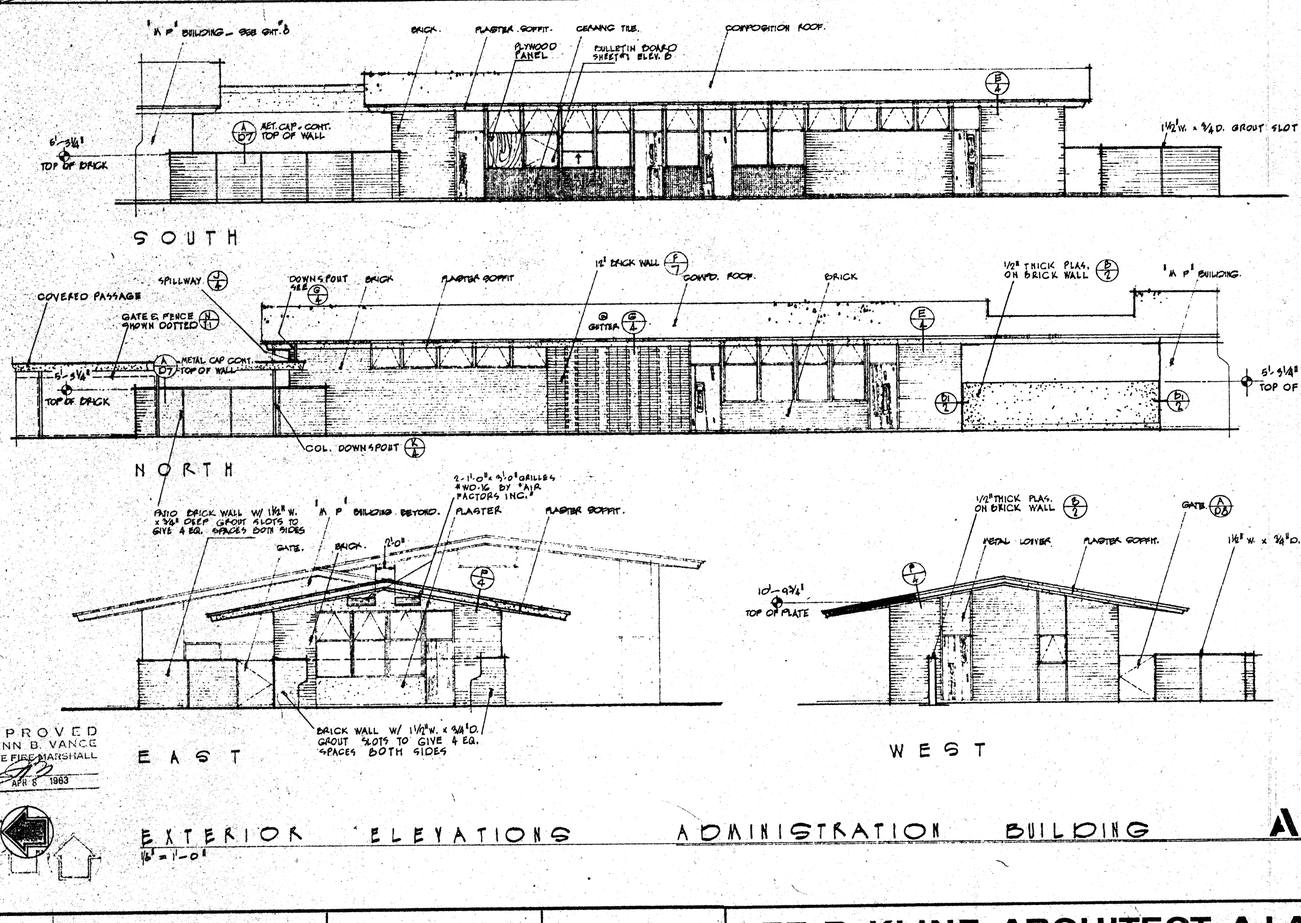
UNIT	No.	ROOM NAME	FLOOR MATERIAL	FLOOR BASE	WALLS MATERIAL	WALLS FIN.	WAINSCOT MATERIAL	WAINSCOT FIN.	CEILING MATERIAL	CEILING FIN.	CEILING HEIGHT	REMARKS
AL	1	LIBRARY.	A. T.	VINYL	EXP. BRICK PLAS.	NAT.FIN. PTD.			AC.T. ①	F.F.	10'-6⅛"	① AC.T. OVER GYP. BOARD ON STRIPPING
	6	STORAGE.	A. T.	▲	PLAS.	PTD.			PLASTER	PTD.	8'-1"	
	8	PUBLIC.	A. T.	▲	EXP. BRICK PLAS. ⑤	NAT.FIN. PTD.			AC.T. ①④	F.F.	10'-6⅛"	⑦ 1 (ONE) HOUR SEPERATION
	4	OFFICE	A. T.	▲	EXP. BRICK PLAS.	NAT. FIN. PTD.			AC.T. ④	F.F.	10'-6⅛"	⑤ AC.T. OVER GYP. BOARD ON STRIPPING ON VERT. FACE OF FURRED SOFFIT
	5	NURSE ROOM.	GEM.	▲	EXP. BRICK PLAS. ②	NAT.FIN. PTD.			PLASTER	PTD.	VARIES	
	12	TOILET.	A. T.	▲	BRICK #	PTD. PTD.			PLASTER	PTD.	8'-1"	④ AC.T. OVER GYP BOARD ON STRIPPING ON FURRED SOFFIT
	7	HEATER.	A. T.	▲	EXP. BRICK PLAS. ③	NAT.FIN. PTD.			AC.T. ①④	F.F.	10'-6⅛"	
	13	CLERK.	A. T.	▲	PLAS.	③ PTD.			AC.T. ①④	F.F.	10'-6⅛"	
	9	HALL.	A. T.	▲	PLAS.	PTD.			AC.T. ①	F.F.	7'-3⅛"	
	10	PRINCIPAL.	A. T.	VINYL	PLAS.	③ PTD.			AC.T. ①④	F.F.	10'-6⅛"	



B ENTRY GATE ELEVATION SCALE ½" = 1'-0"



A FURRING AT DUCT SCALE 1½" = 1'-0"



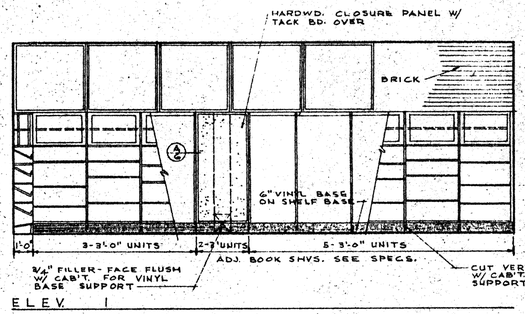
EXTERIOR ELEVATIONS ADMINISTRATION BUILDING AL
1½" = 1'-0"

APPROVED
GLENN B. VANCE
STATE FIRE MARSHALL
BY: ...
DATE: APR 8 1963

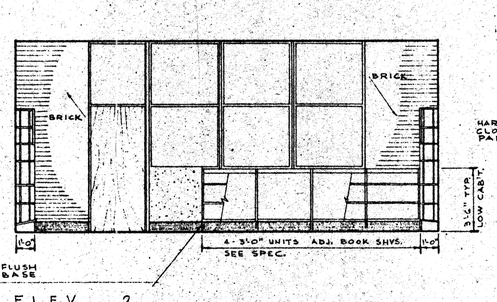
STATE OF CALIFORNIA — APPROVED UNDER APPLICATION NO. 18-13000 — 28516 — DEPARTMENT OF PUBLIC WORKS — DIVISION OF ARCHITECTURE

APPROVED: ARCHITECT / ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE — APPL. NO. / DATE / PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT	GOLDENWEST SCHOOL WESTMINSTER SCHOOL DISTRICT FOR THE GOLDENWEST AT HOOD — WESTMINSTER, CALIFORNIA	HILLMAN & NOWELL STRUCTURAL ENGINEERS 816 W. 5th STREET MA 4-8748 LOS ANGELES 17, CALIFORNIA		LEE B. KLINE, ARCHITECT, A.I.A. 963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241	DATE OF DRAWING / DRAWN BY / DRAWING NO. 5 OF 5

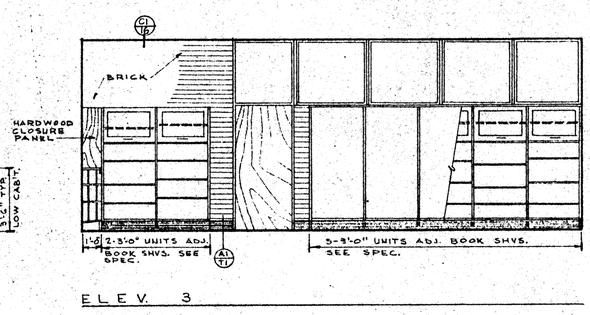
AL



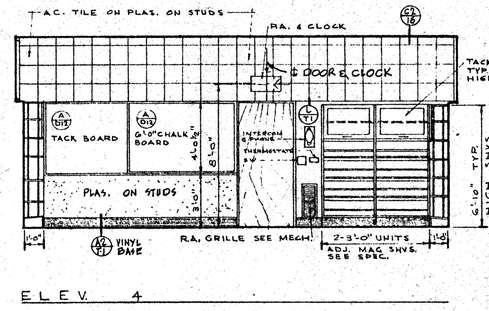
ELEV. 1



ELEV. 2

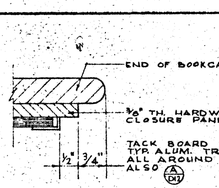


ELEV. 3



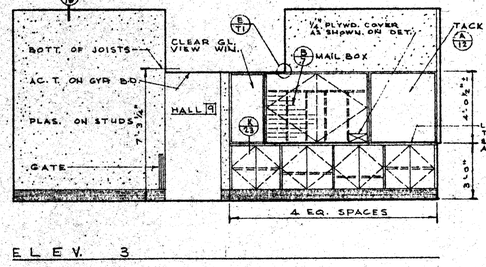
ELEV. 4

LIBRARY 1

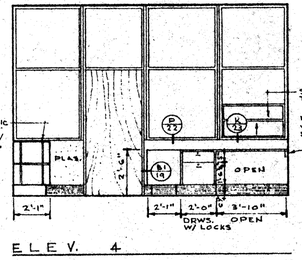


A TACKBOARD ON HARDW'D. PANEL
HALF SCALE

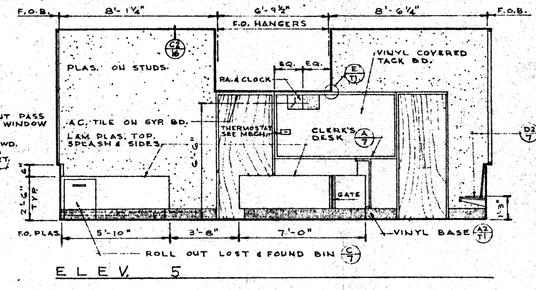
ELEV. 1 ELEV. 2



ELEV. 3

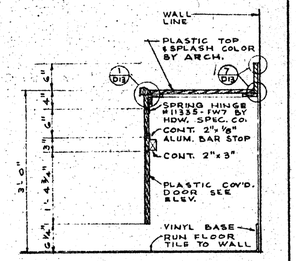


ELEV. 4

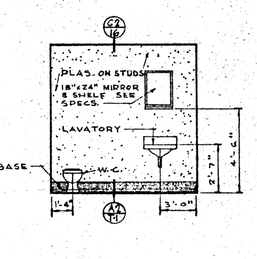


ELEV. 5

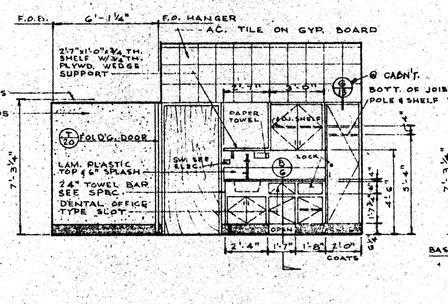
PUBLIC 3 & CLERK 8



B NURSE'S COUNTER
SCALE 3/4" = 1'-0"

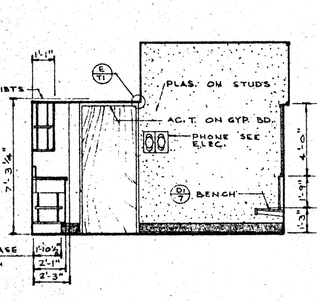


ELEV. 1



ELEV. 1

TOILET 6



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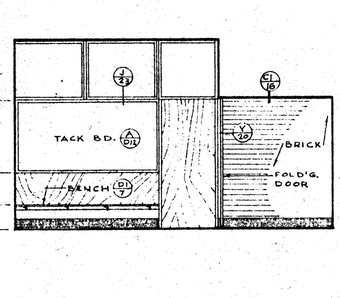

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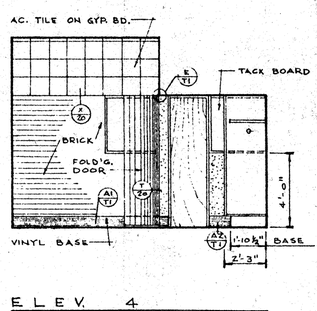

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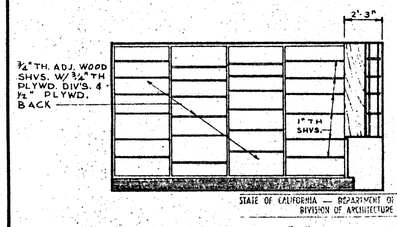
NURSE 7



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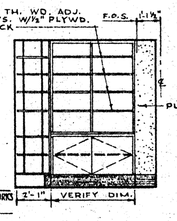

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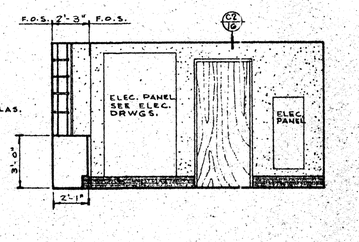

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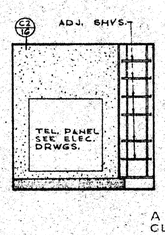
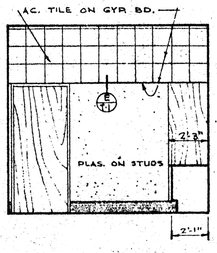


ELEV. 4

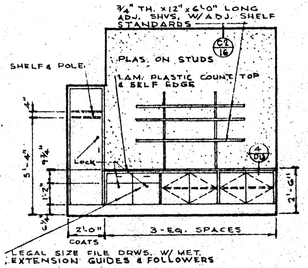
APPROVED
GLENN D. VANCE
STATE FIRE MARSHALL
BY
DATE APR 9 1963

STORAGE AUDIO - VISUAL 2

PRINCIPAL 10



ELEV. 1



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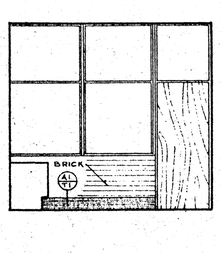

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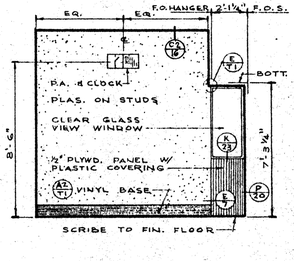


ELEV. 4

INTERIOR ELEVATIONS ADMINISTRATION BUILDING

SCALE ¼" = 1'-0"

APPROVED: ARCHITECT / ENGINEER

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE — APPL. NO. — DATE — PRINCIPAL STRUCTURAL ENGINEER

APPROVED: FOR THE DISTRICT

GOLDENWEST SCHOOL
WESTMINSTER SCHOOL DISTRICT FOR THE
GOLDENWEST AT HOOD
WESTMINSTER, CALIFORNIA

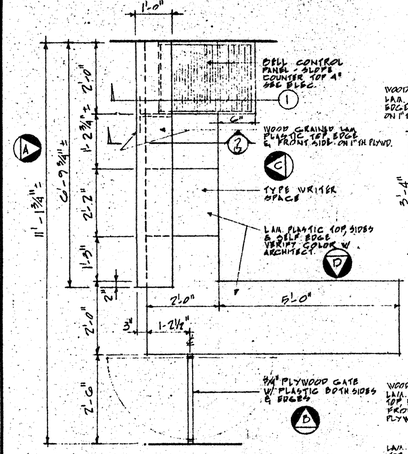
HILLMAN & NOWELL
STRUCTURAL ENGINEERS
816 W. 5th STREET MA 4-8748
LOS ANGELES 17, CALIFORNIA

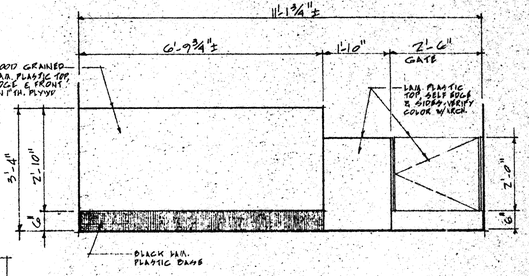
LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

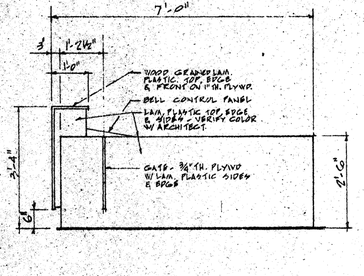
DATE OF DRAWING
DRAWN BY
DRAWING NO. 6
OF

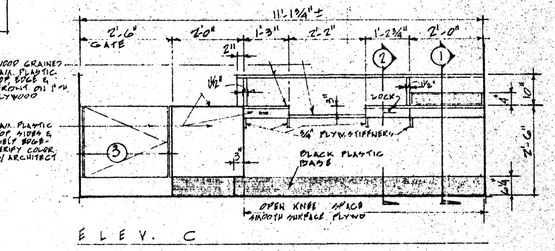
AL

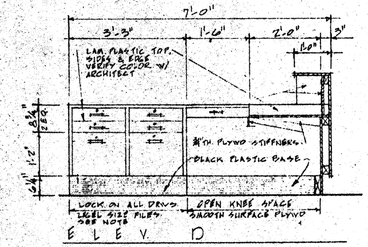
(6)





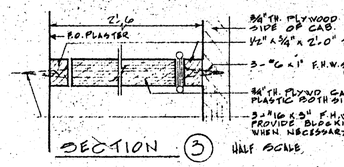


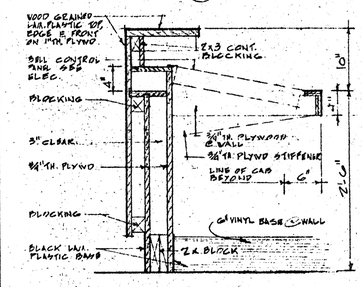


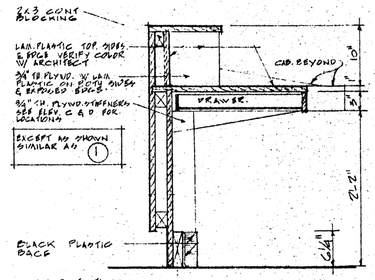


NOTE:
LEGAL SIZE FILE DRWS. SHALL HAVE METAL BATTENDERS & FOLLOWERS

SCALE OF ELEVATIONS IS 1/2"=1'-0"

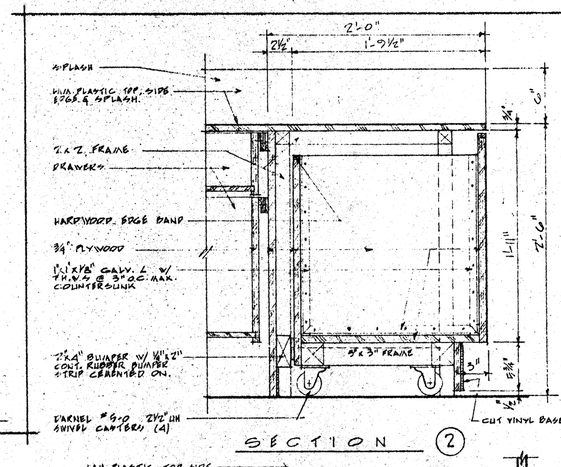


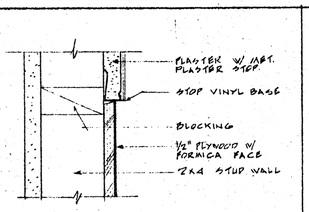




A CLERK'S DESK

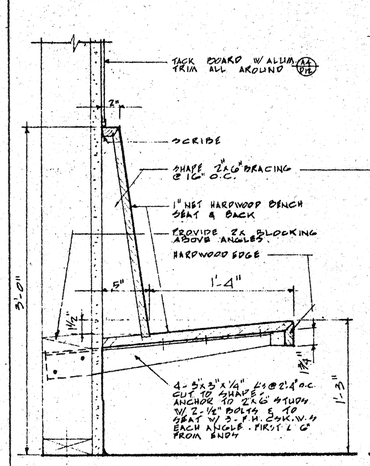
SCALE 1/2"=1'-0"





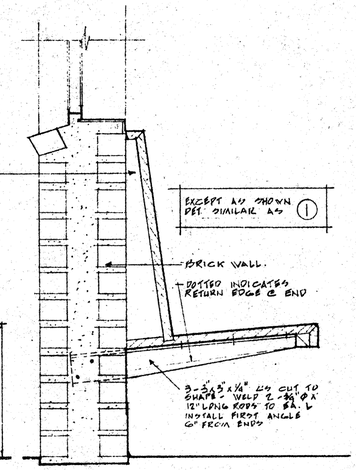
E PANEL

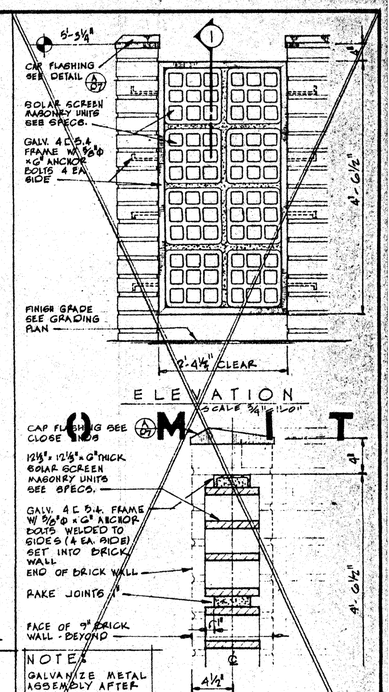
SCALE 3"=1'-0"



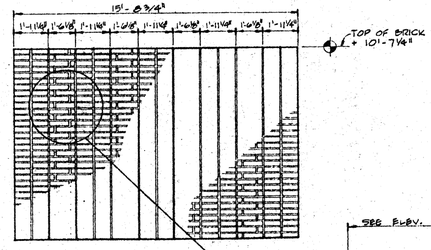
D BENCH DETAILS AT NURSE (7) (1) AT PUBLIC (3) (2)

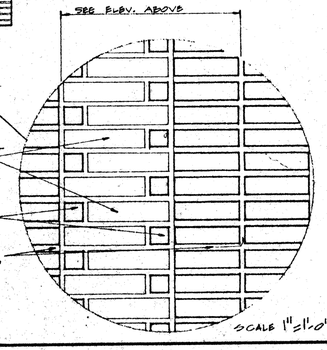
SCALE 1½"=1'-0"





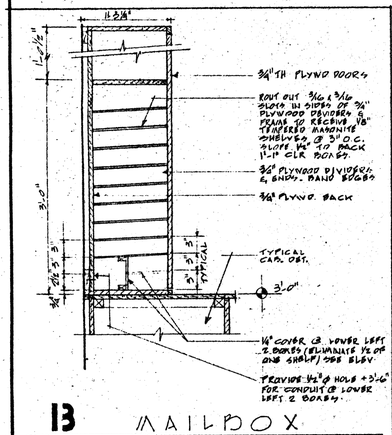
G PERFORATED BLOCK





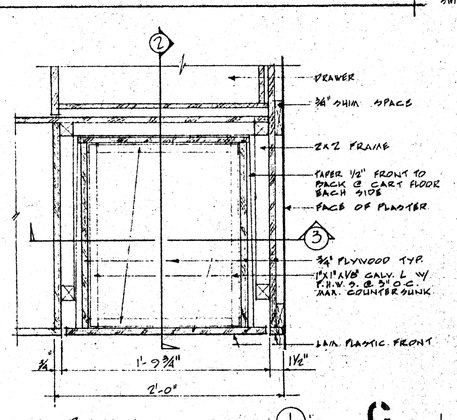
F 12" BRICK WALL

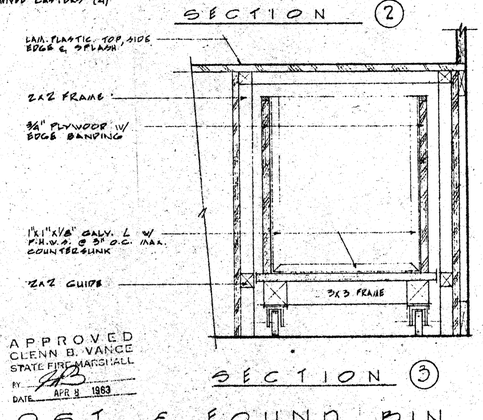
SCALE • AS NOTED



B MAILBOX

SCALE 1"=1'-0"





C LOST & FOUND BIN

SCALE 1½"=1'-0"

APPROVED
CLENN B. VANCE
STATE FIRE MARSHALL
BY
DATE APR 8 1963

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1963
APPLICATION NO. Por E. Wesley
PRINCIPAL STRUCTURAL ENGINEER

APPROVED: ARCHITECT / ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE — APPL. NO. — DATE — PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT Ada Clegg / Curtis Blevens	GOLDENWEST SCHOOL WESTMINSTER SCHOOL DISTRICT GOLDENWEST AT HOOD — FOR THE WESTMINSTER, CALIFORNIA

HILLMAN & NOWELL
STRUCTURAL ENGINEERS
816 W. 5th STREET MA 8-8748
LOS ANGELES 17, CALIFORNIA

LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

DATE OF DRAWING
DRAWN BY
DRAWING NO. 7
OF (7)

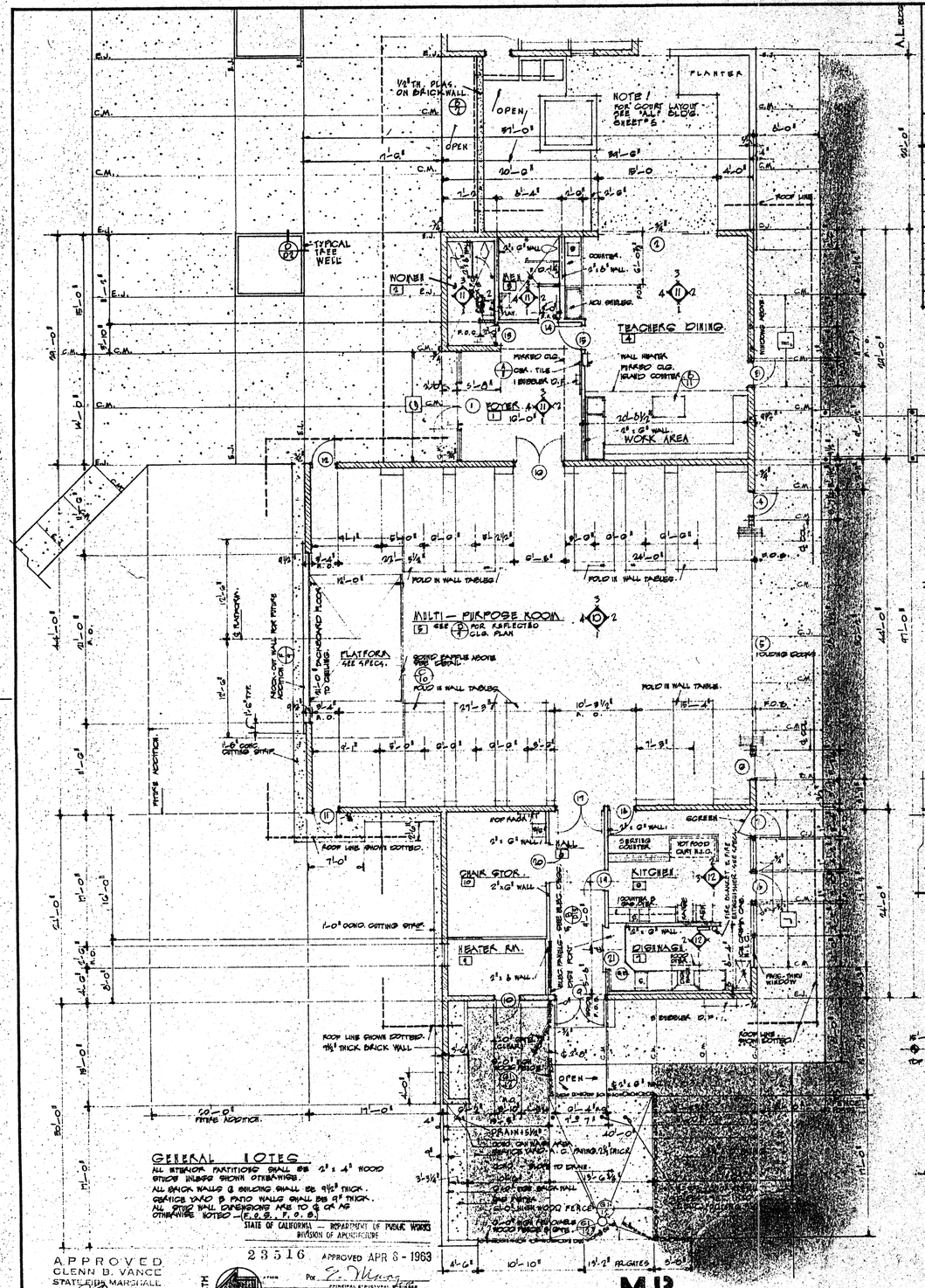
FINISH SCHEDULE

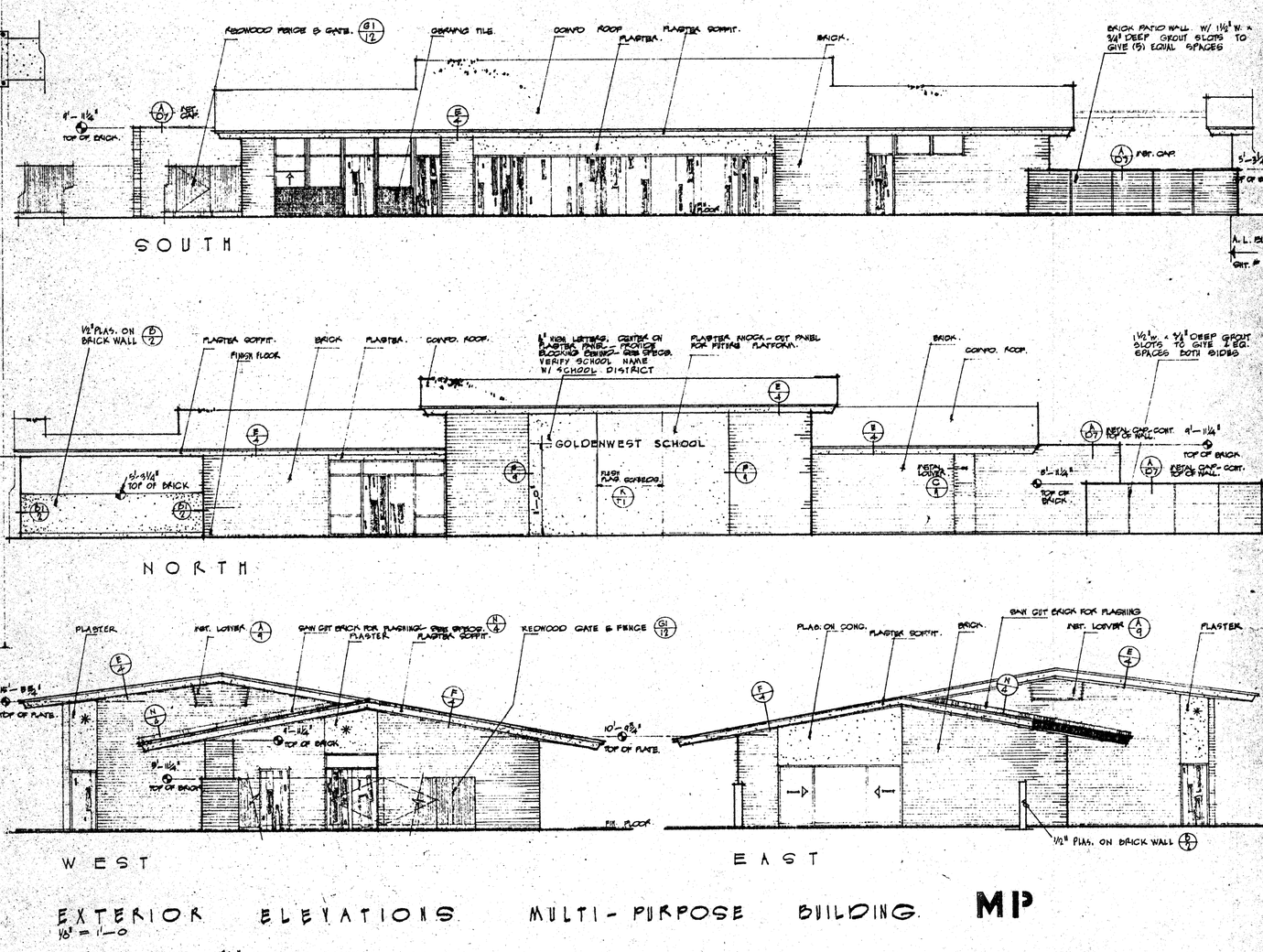
TYPICAL NOTE:
CEILING HEIGHTS ARE TO BOTTOM OF CEILING JOISTS OR RAFTERS.
4½" TH. PLAS. ON BRICK

ABBREVIATIONS:

A.C.	= ASPHALTIC CONC.		G.A.T.	= GREASE-PROOF A.T.	
AC.T.	= ACOUSTIC-TILE		GYP.BD.	= GYPSUM BOARD	
A.T.	= ASPHALT TILE		NAT.	= NATURAL	
CEM.	= CEMENT		PLAS.	= PLASTER	
CLG.	= CEILING		PTD.	= PAINTED	
C.T.	= CERAMIC TILE		TERR.	= TERRAZZO	
F.F.	= FACTORY FINISH		WSCT.	= WAINSCOT	
F.F.E.	= FACTORY FINISH ENAMEL				

UNIT	No.	ROOM NAME	FLOOR		WALLS		WAINSCOT		CEILING			REMARKS
			MATERIAL	BASE	MATERIAL	FIN.	MATERIAL	FIN.	MATERIAL	FIN.	HEIGHT	
M. P.	1	FOYER.	A. T.	VINYL	EXT. BRICK FLAG. (1)	NAT. FIN. PTD.			ACOUST. FLAT 12"x12" COLOR	COLOR	9'-10½"	① C. T. PATTERN @ D. F.
	2	WOMEN.	C. T.	C. T.	FLAG. (2)	PTD.			½" C. T. OVER ¾" GYP. BD.	F.F.	8'-1"	② ½" FLAG. ON BRICK.
	3	MEN.	C. T.	C. T.	FLAG. (2)	PTD	C. T. (4)		½" C. T. OVER ¾" GYP. BD.	F.F.	8'-1"	③ ¾" A.C.T. OVER ½" GYP. BD. ON STRIPPING @ TERR. FACE OF PARKED SOFFIT.
	4	TEACHERS DINING.	A. T.	VINYL	EXT. BRICK FLAG. (3)	NAT. FIN. PTD.			¾" A.C.T. OVER ¾" GYP. BD. (3)	F. F.	10'-0½"	④ C. T. @ METAL ONLY (5) (11)
	5	MULTI-PURPOSE RM.	A. T.	↓	EXT. BRICK FLAG.	NAT. FIN. PTD.			¾" A.C.T. OVER ¾" GYP. BD. (3)	F. F.	10'-0½"	⑤ ¾" A.C.T. OVER ½" GYP. BD. ON STRIPPING @ PARKED SOFFIT.
	6	KITCHEN.	A. T.		PLAS. &	PTD.			¾" A.C.T. OVER ¾" GYP. BD.	F.F.	10'-0½"	
	7	DISHWASH.	A. T.		PLAS. &	PTD.			¾" A.C.T. OVER ¾" GYP. BD.	F.F.	10'-0½"	⑦ ¾" GYP. BD. ON STRIPPING @ SOUND BAFFLE.
	8	HALL	A. T.		EXT. BRICK FLAG (3)	NAT. FIN. PTD.			¾" A.C.T. OVER ¾" GYP. BD.	F. F.	9'-0"	
	9	HEATER ROOM.	CEM.	↓	EXT. BRICK FLAG	NAT. FIN. PTD.			FLAG.	———	VARIES.	⑨ VINYL WALL COVERING TO +7'0½" - SEE SPECS.
	10	CHAIR STOR.	A. T.	VINYL	EXT. BRICK FLAG.	NAT. FIN. PTD.			FLAG.	PTD.	8'-0"	





EXTERIOR ELEVATIONS MULTI-PURPOSE BUILDING MP
1/8" = 1'-0"
* ½" THICK PLASTER ON 1 15/16" RECESSED BRICK

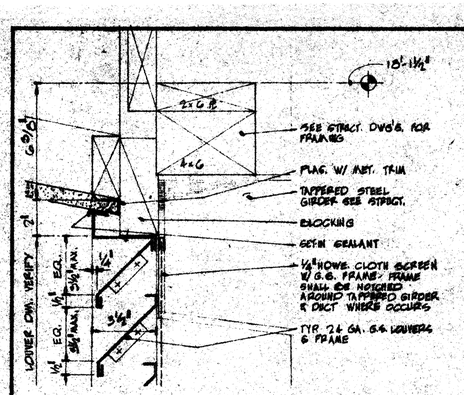
APPROVED: ARCHITECT / ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE — APPL. NO. — DATE — PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT	GOLDENWEST SCHOOL WESTMINSTER SCHOOL DISTRICT FOR THE GOLDENWEST AT HOOD WESTMINSTER, CALIFORNIA

HILLMAN & NOWELL
STRUCTURAL ENGINEERS
816 W. 5th STREET MA 4-8748
LOS ANGELES 17, CALIFORNIA

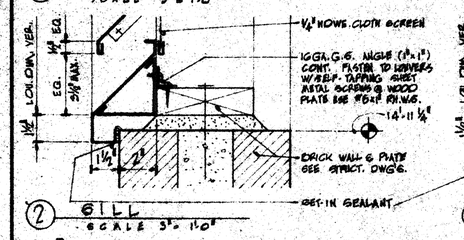
LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

DATE OF DRAWING
DRAWN BY
DRAWING NO. 8 OF 8

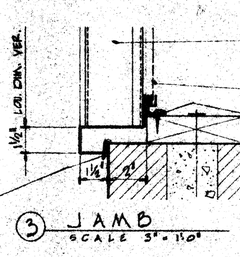
MP



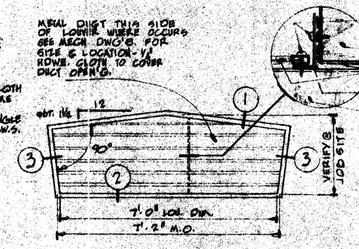
1 HEAD
SCALE 3" = 1'-0"



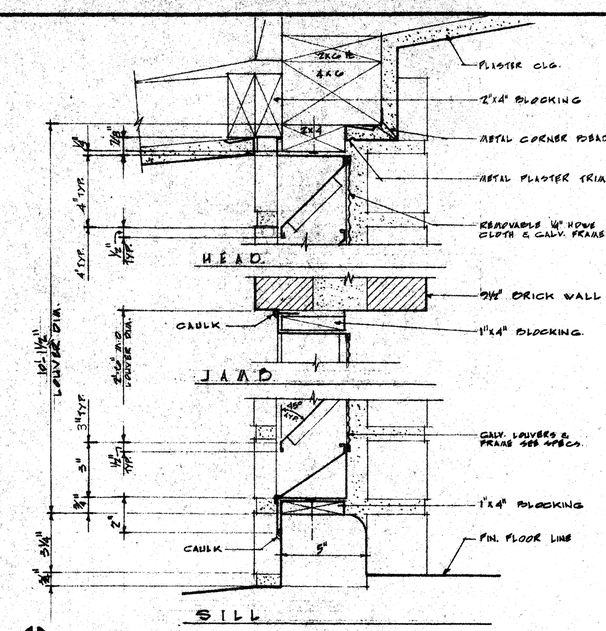
2 SILL
SCALE 3" = 1'-0"



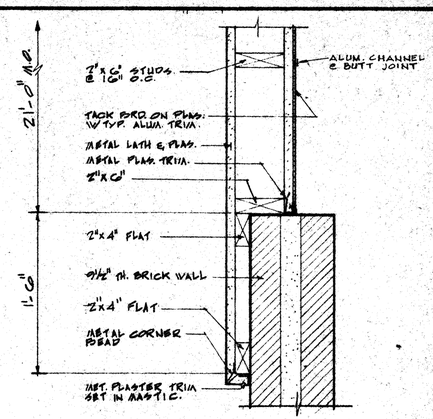
3 JAMB
SCALE 3" = 1'-0"



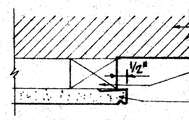
A METAL LOUVER DETAILS



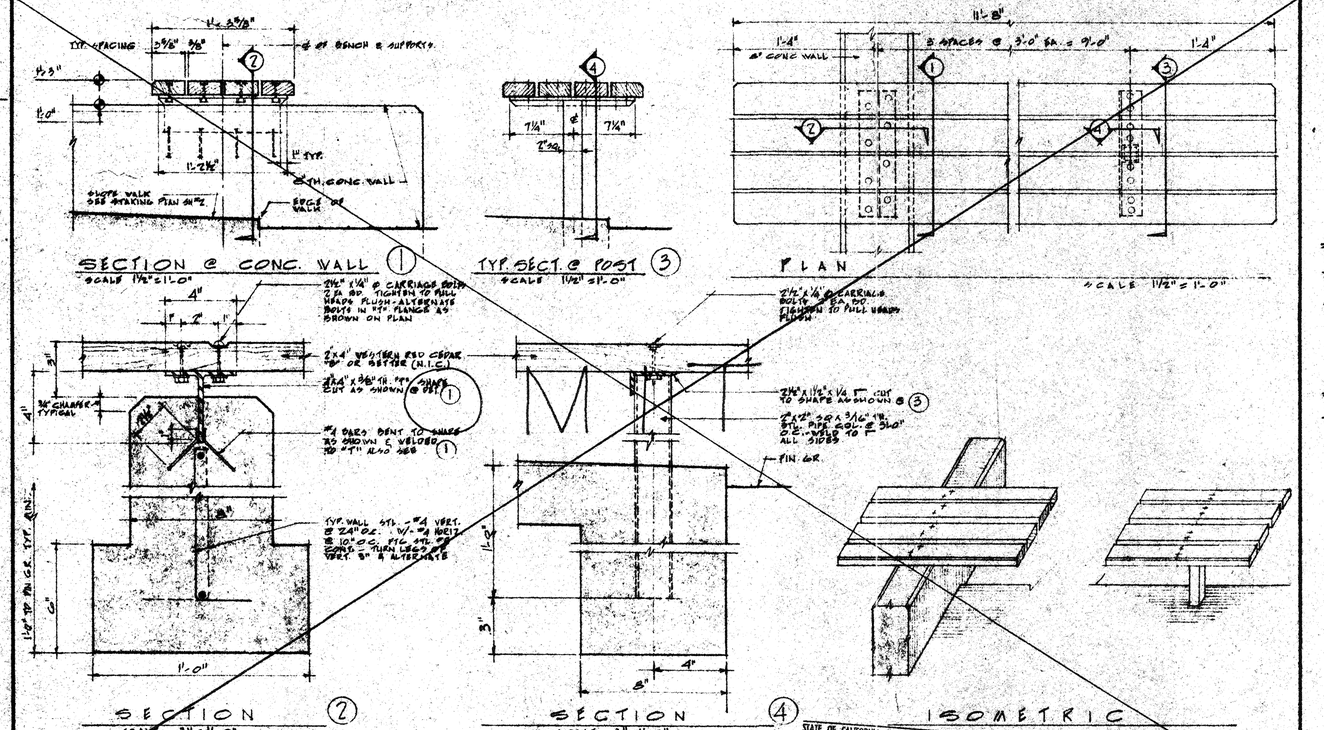
C LOUVER AT HEATER ROOM
SCALE 3" = 1'-0"



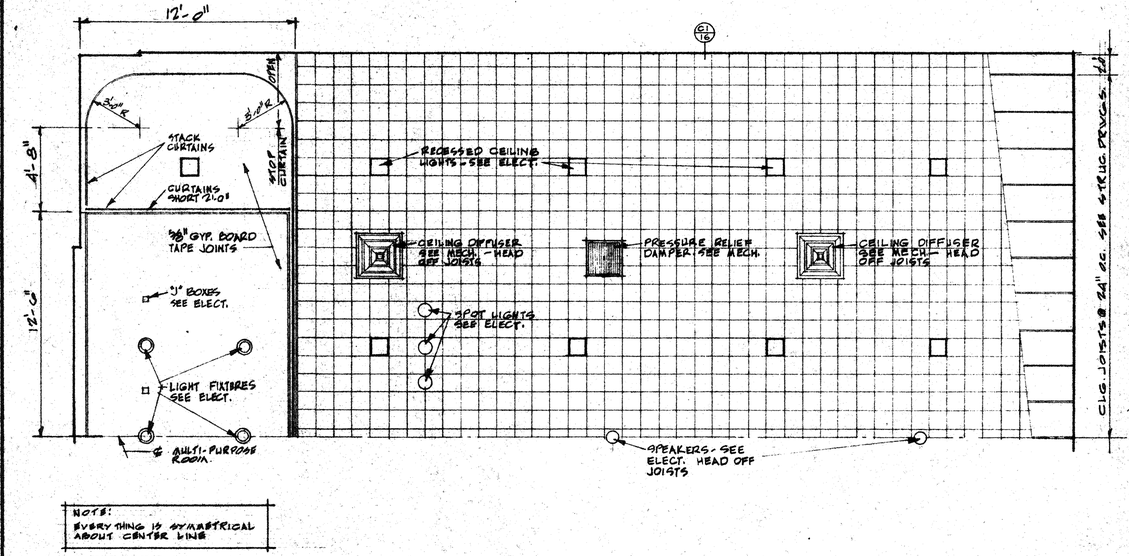
E KNOCK-OUT PANEL
SCALE 1½" = 1'-0"



F PLASTER PANEL OVER DOORS #11 & #12
SCALE 3"=1'-0"



B BENCH DETAILS



NOTE:
EVERYTHING IS SYMMETRICAL ABOUT CENTER LINE

APPROVED
CLENN B. VANCE
STATE FIRE MARSHALL
By
DATE APR 8 1968

D HALF REFLECTED CEILING PLAN MULTI-PURPOSE ROOM
SCALE 1/4" = 1'-0"

APPROVED:
ARCHITECT
ENGINEER

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
APPL. NO.
DATE
PRINCIPAL STRUCTURAL ENGINEER

APPROVED: FOR THE DISTRICT
Alda Clegg
Clerk of the Board

GOLDENWEST SCHOOL
WESTMINSTER SCHOOL DISTRICT FOR THE
GOLDENWEST AT HOOD
WESTMINSTER, CALIFORNIA

HILLMAN & NOWELL
STRUCTURAL ENGINEERS
816 W. 5th STREET MA 4-8748
LOS ANGELES 17, CALIFORNIA

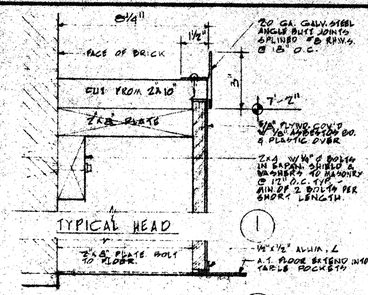
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
28516 APPROVED APR 8 1968
APPLICATION NO.
Per E. Marg
PRINCIPAL STRUCTURAL ENGINEER

LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

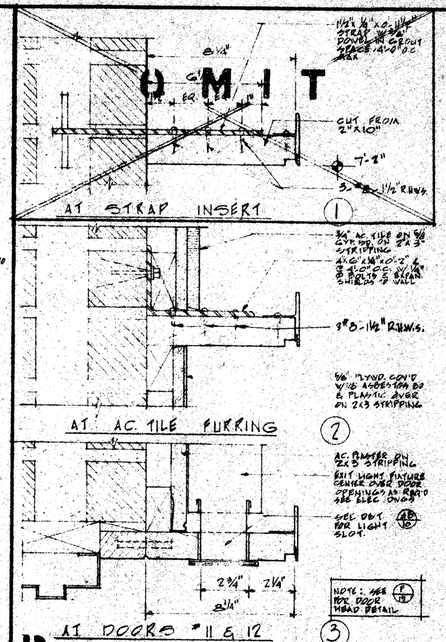
BK
MB

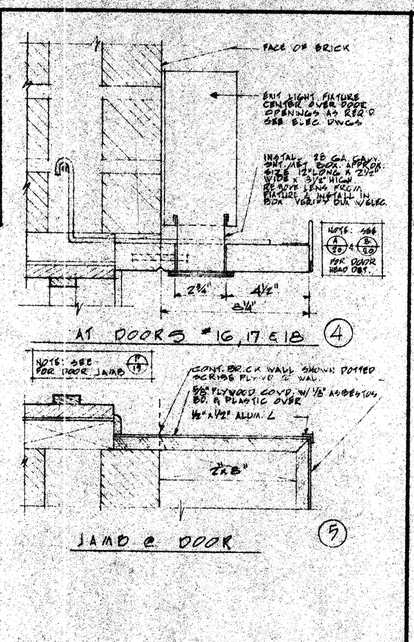
DATE OF DRAWING
DRAWN BY
DRAWING NO. 9
OF 54

9



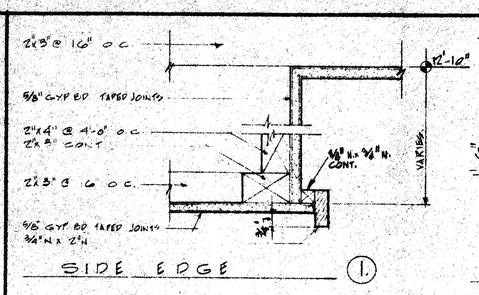
A IN-WALL TABLES

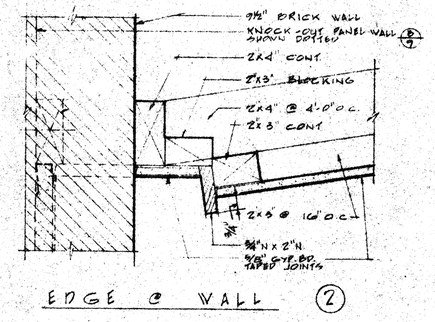


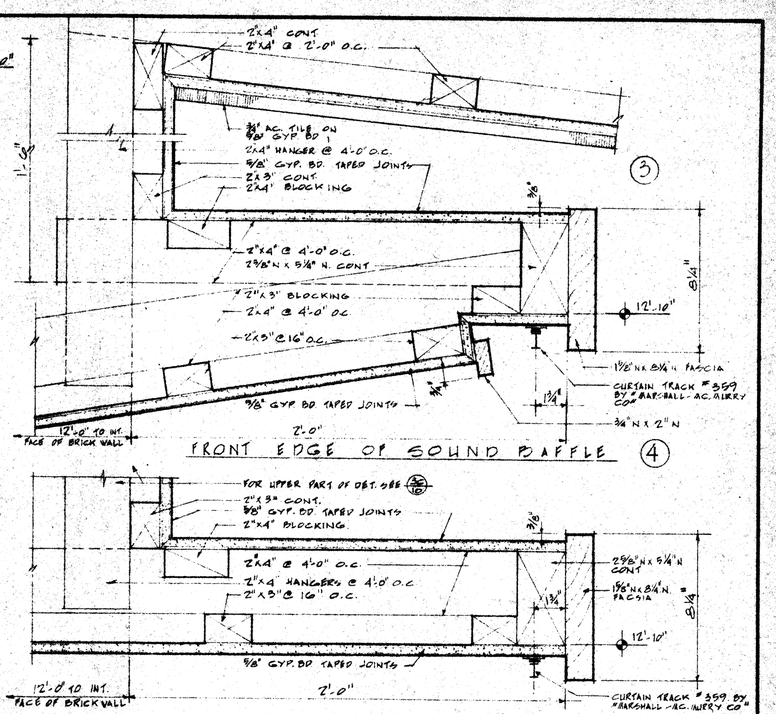


B SHELF ANCHORAGE DETAILS

SCALE 3"=1'-0"

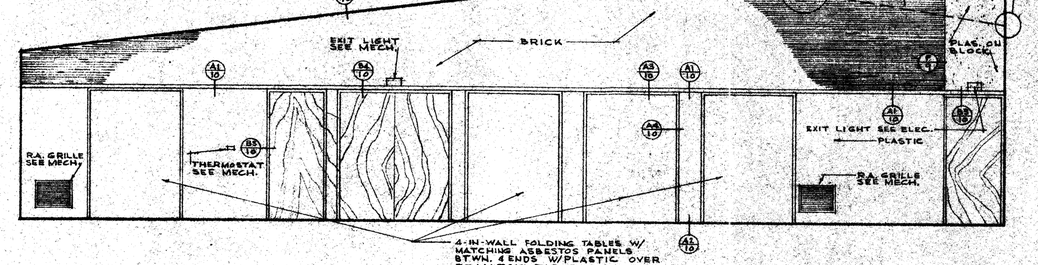




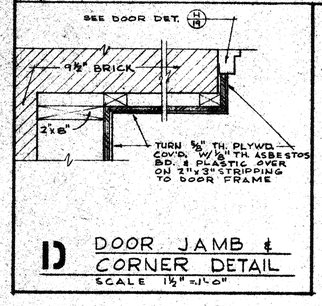


C SOUND BAFFLE DETAILS

SCALE 3"=1'-0"

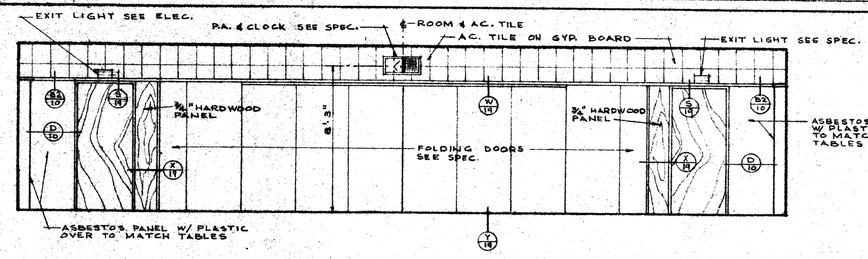


ELEV. 1



D DOOR JAMB & CORNER DETAIL

SCALE 1½"=1'-0"



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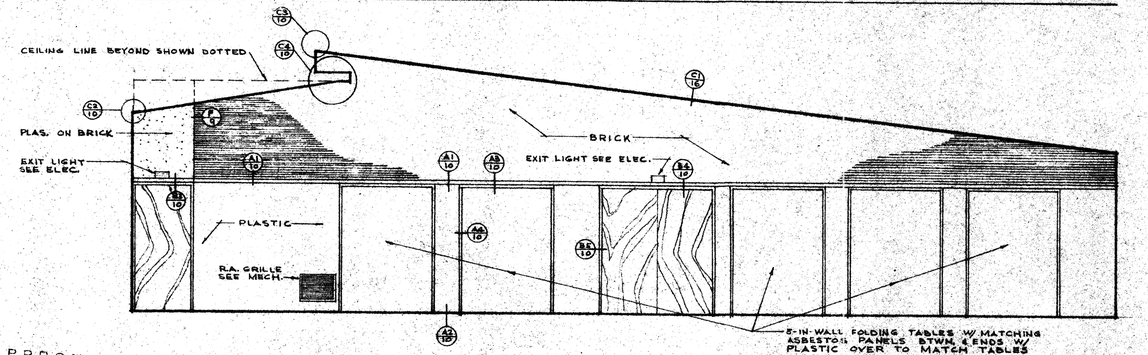

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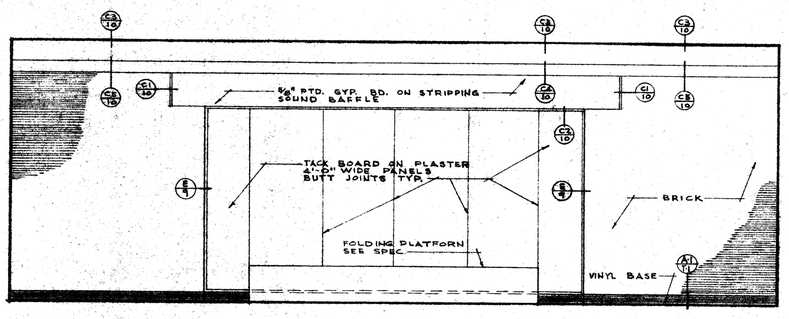


ELEV. 4

MULTI-PURPOSE

SCALE ½"=1'-0"

5

APPROVED
GLENN B. VANCE
STATE FIRE MARSHALL
BY
DATE June 3 1963

STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1963
APPLICATION NO.
By

APPROVED: ARCHITECT / ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE — APPL. NO. / DATE / PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT Ada Clegg / Curt Ebenroth

GOLDENWEST SCHOOL
WESTMINSTER SCHOOL DISTRICT FOR THE
GOLDENWEST AT HOOD
WESTMINSTER, CALIFORNIA

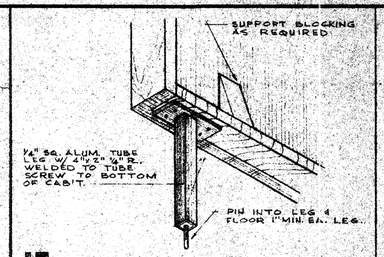
HILLMAN & NOWELL
STRUCTURAL ENGINEERS
816 W. 5th STREET MA 4-8748
LOS ANGELES 17, CALIFORNIA

LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

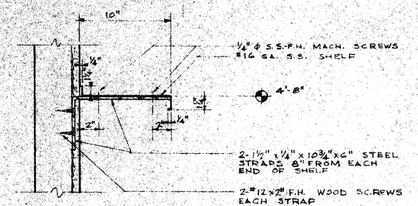
BLK

DATE OF DRAWING
DRAWN BY
DRAWING NO. 10
OF

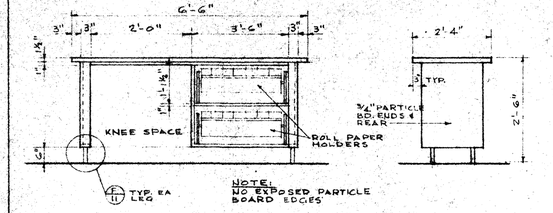
MP



F ALUM. LEG
NO SCALE

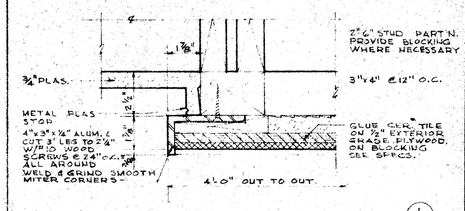


D WALL SHELF
SCALE 1½"=1'-0"

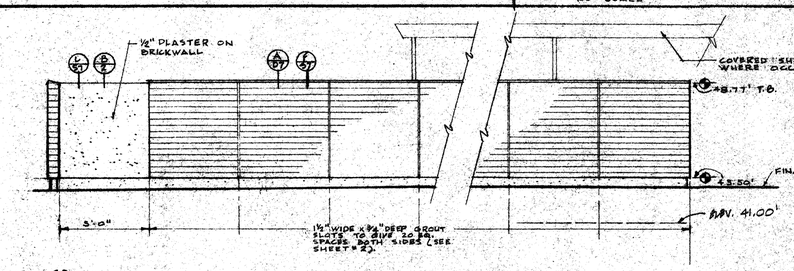


ELEVATION SIDE ELEV.

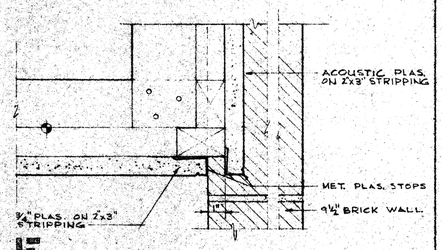
C COUNTER DETAIL
SCALE 1½"=1'-0"



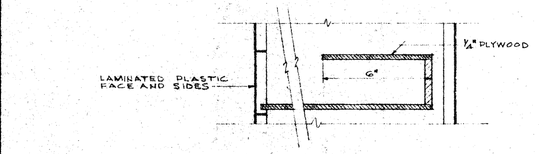
PLAN SECTION (1)



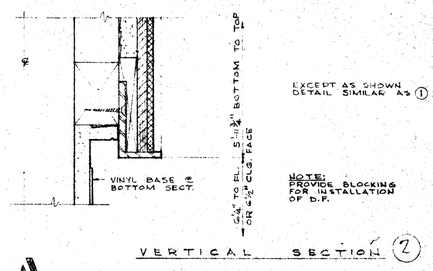
G BRICK WALL
SCALE ½"=1'-0"



E DETAIL
SCALE 3"=1'-0"

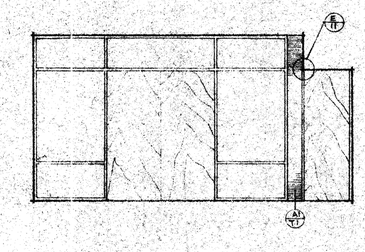


B DRAWER DETAIL
SCALE 3"=1'-0"



VERTICAL SECTION (2)

A TILE WAINSCOT AT FOYER
SCALE 3"=1'-0"



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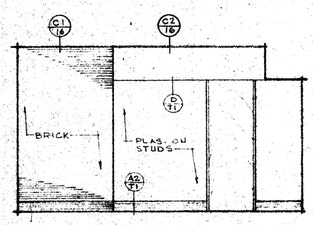

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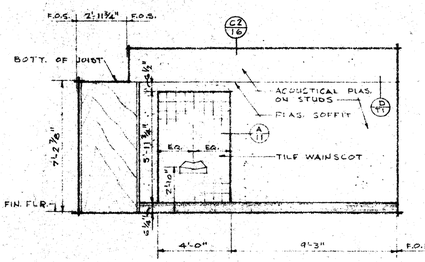
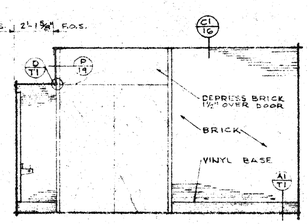
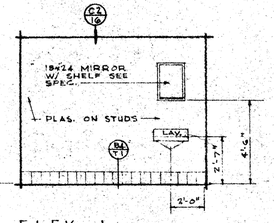


ELEV. 3



ELEV. 4

FOYER 1



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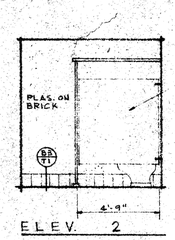
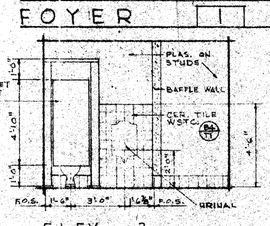
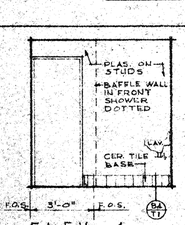


ELEV. 2

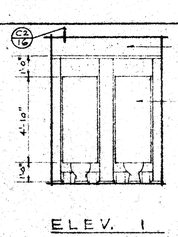


ELEV. 3

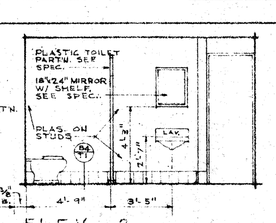


ELEV. 4

MEN 2



ELEV. 1



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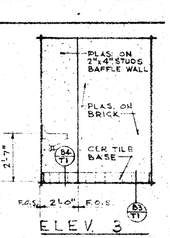
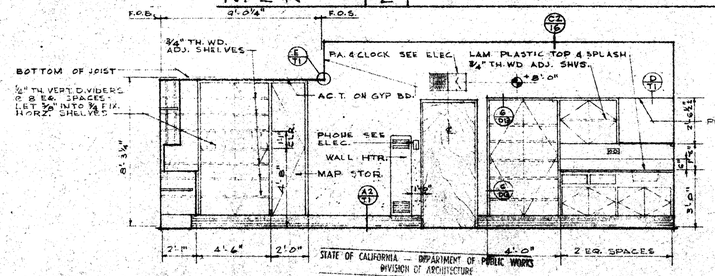


ELEV. 3

WOMEN 3



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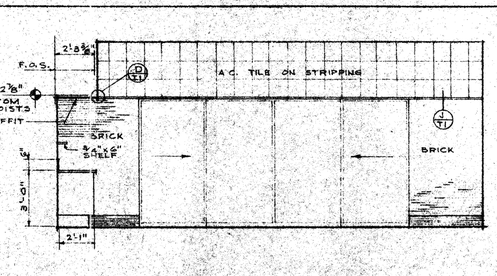

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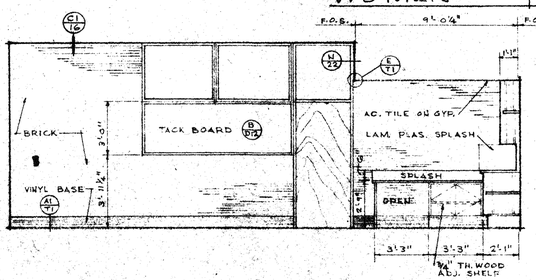

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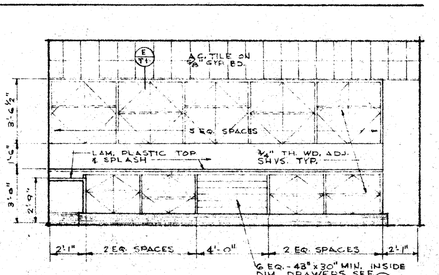


ELEV. 4

TEACHERS DINING ROOM 4

APPROVED GLENN B. VANCE STATE FIRE MARSHALL BY [signature] DATE APR 8 1963

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1963
APPLICATION NO. BY [signature] PRINCIPAL STRUCTURAL ENGINEER

APPROVED: [signature] ARCHITECT [signature] ENGINEER

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
APPL. NO. DATE PRINCIPAL STRUCTURAL ENGINEER

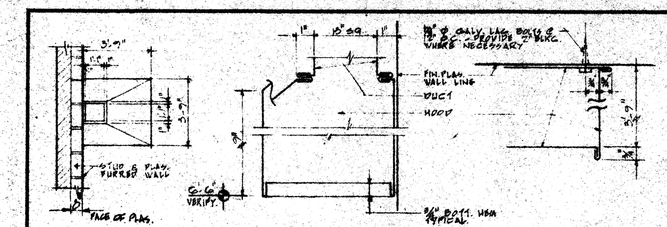
APPROVED: FOR THE DISTRICT [signature] [signature]

GOLDENWEST SCHOOL
WESTMINSTER SCHOOL DISTRICT FOR THE
GOLDENWEST AT HOOD WESTMINSTER, CALIFORNIA

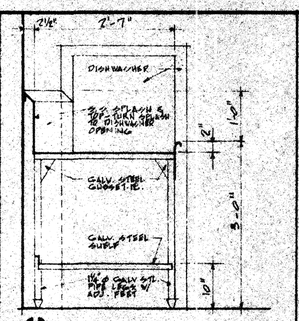
HILLMAN & NOWELL
STRUCTURAL ENGINEERS
816 W. 5th STREET MA 4-8748
LOS ANGELES 17, CALIFORNIA

LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

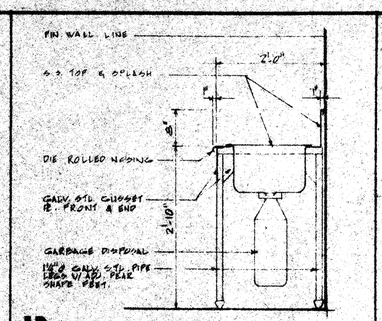
DATE OF DRAWING
DRAWN BY
DRAWING NO. 11 OF (11)



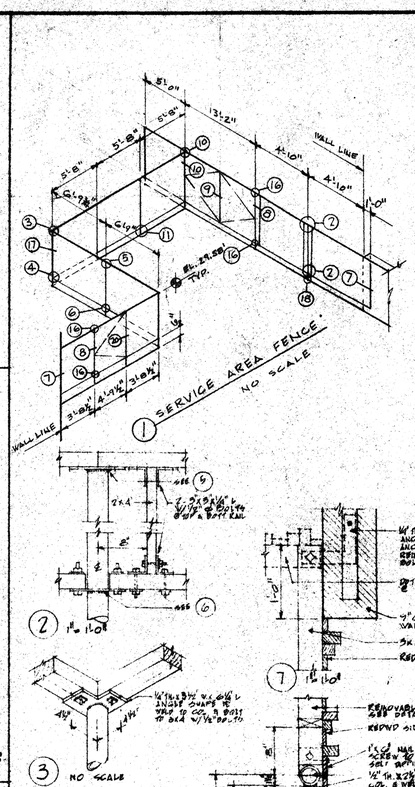
A DISHWASHER HOOD DETAILS



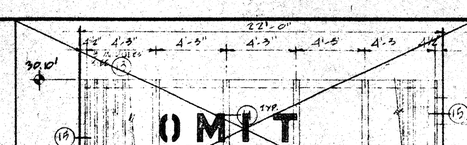
C DISHWASHING COUNTER SCALE 3/4"=1'-0"



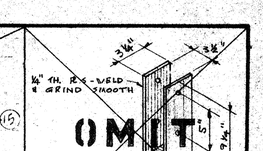
D WORK COUNTER & SINK SCALE 3/4"=1'-0"



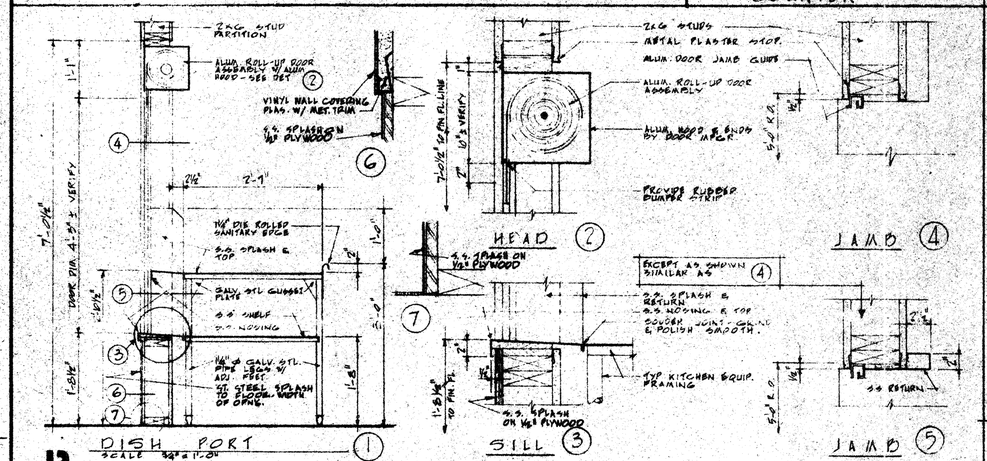
1 SERVICE AREA FENCE. NO SCALE



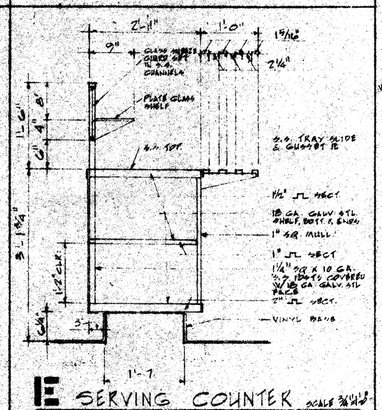
12 FENCE BETWEEN "MP" & "AL" BLDG



24 NO SCALE

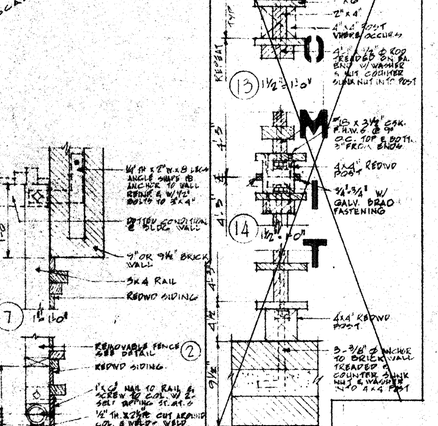


B DISH PORT & ROLL-UP DOOR DETAILS SCALE 1 1/2"=1'-0"



E SERVING COUNTER SCALE 3/4"=1'-0"

2 1"=1'-0" 3 NO SCALE 4 NO SCALE 5 NO SCALE 6 NO SCALE 7 1"=1'-0" 8 1"=1'-0" 9 1"=1'-0" 10 1"=1'-0"



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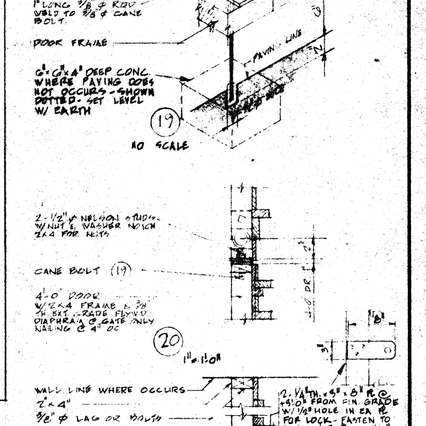
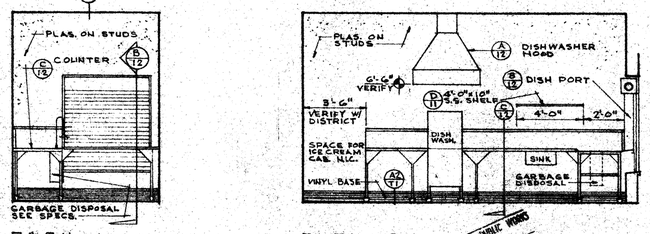
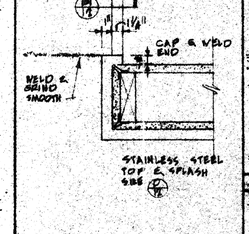


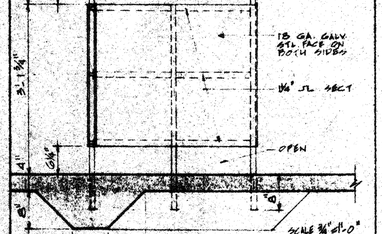
19 NO SCALE 20 1"=1'-0" 21 1"=1'-0"



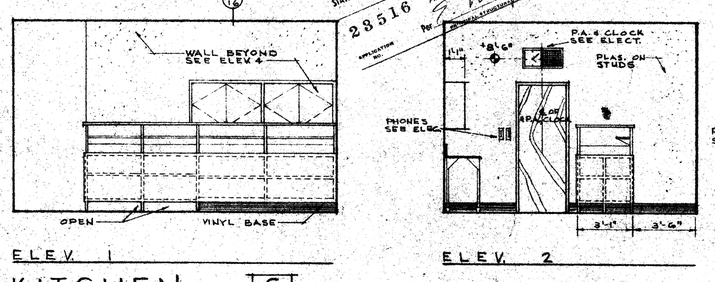
ELEV. 1
ELEV. 2
DISHWASHING 7



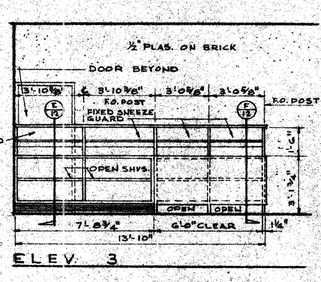
H PLAN SECTION SCALE 1 1/2"=1'-0"



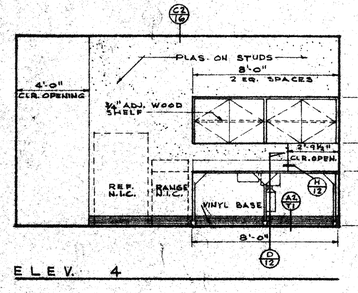
F SECT. @ PARTITION



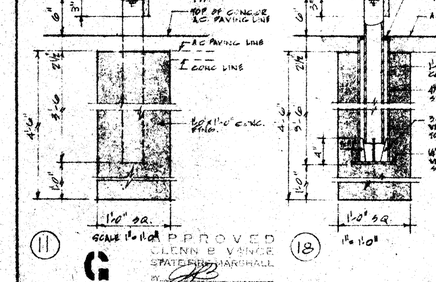
ELEV. 1
ELEV. 2
KITCHEN 6



ELEV. 3



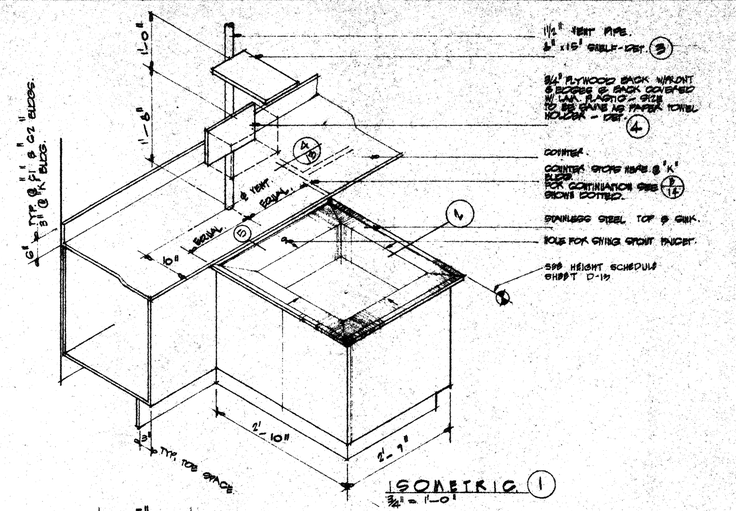
ELEV. 4



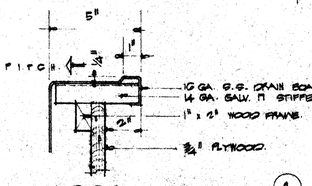
11 1"=1'-0" 18 1"=1'-0" 22 1"=1'-0" 23 1"=1'-0"

G

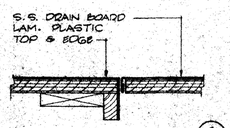
APPROVED: ARCHITECT / ENGINEER
APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE — APPL. NO. — DATE — PRINCIPAL STRUCTURAL ENGINEER
APPROVED: FOR THE DISTRICT
GOLDENWEST SCHOOL — WESTMINSTER SCHOOL DISTRICT — FOR THE — GOLDENWEST AT HOOD — WESTMINSTER, CALIFORNIA
HILLMAN & NOWELL — STRUCTURAL ENGINEERS — 616 W. 5th STREET MA 4-8748 — LOS ANGELES 17, CALIFORNIA
LEE B. KLINE, ARCHITECT, A.I.A. — 963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241
DATE OF DRAWING — DRAWN BY — DRAWING NO. 12 — OF 10



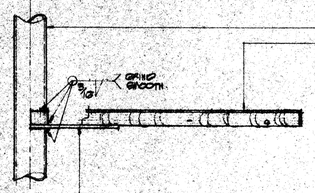
ISOMETRIC (1)
3/4" = 1'-0"



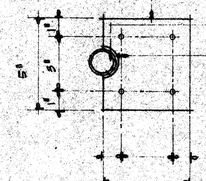
EDGE DETAIL (2)
3" = 1'-0"



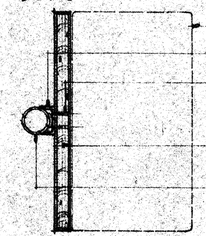
CONDITION @ SQUARE EDGE (5)



ELEVATION - SECTION.

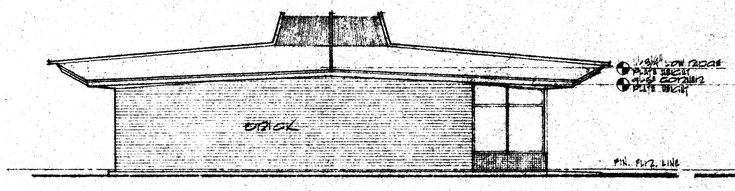


SIEGLE DETAILS. (3)
3" = 1'-0"

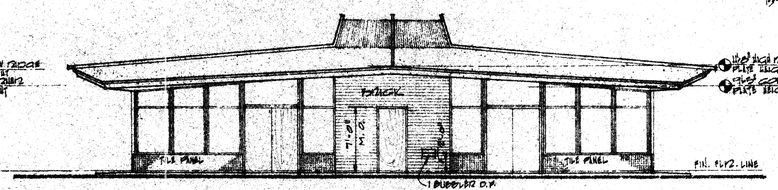


PAPER TOWEL HOLDER (4)
3" = 1'-0"

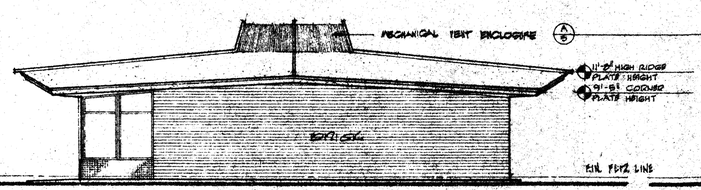
A ISLAND COUNTER DETAILS.



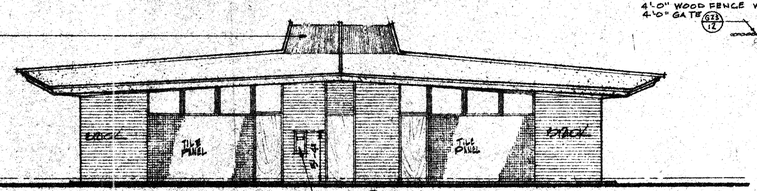
WEST



SOUTH



EAST



NORTH

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

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 23516 APPROVED APR 8 - 1963
By E. Thay
PRINCIPAL STRUCTURAL ENGINEER
APPROVED
GLENN B. VANCE
STATE FIRE MARSHALL
By
DATE APR 8 1963

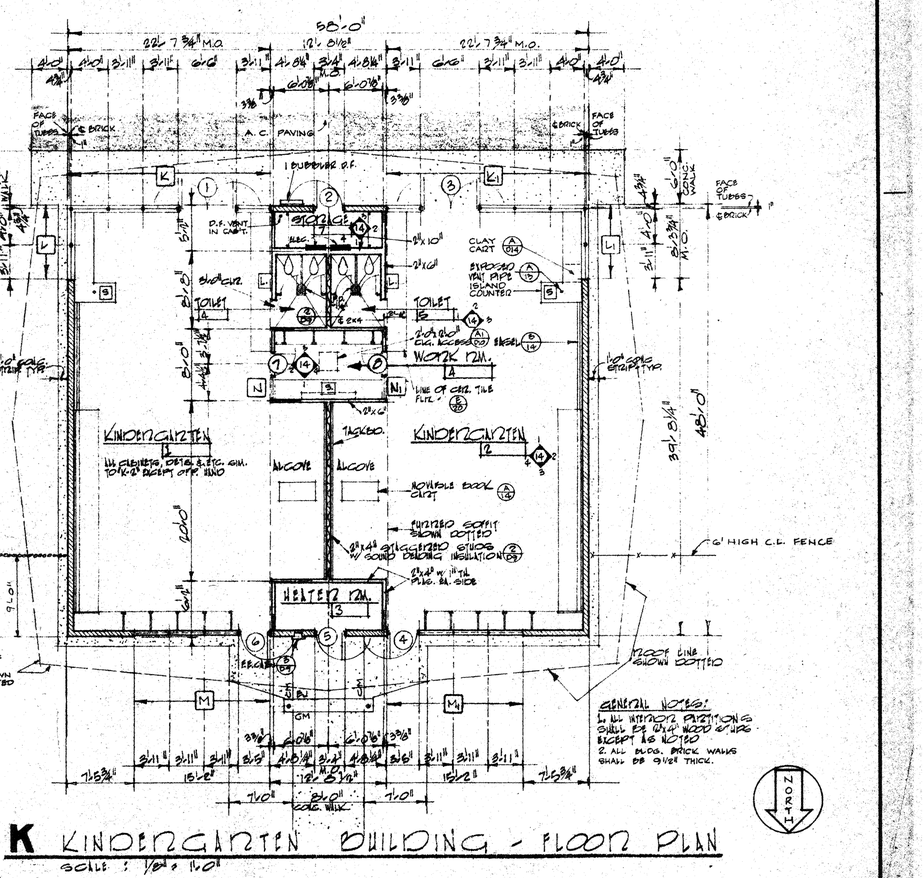
FINISH SCHEDULE

TYPICAL NOTE:
CEILING HEIGHTS ARE TO BOTTOM OF CEILING JOISTS OR RAFTERS.
*½" TH. PLAS. ON BRICK

ABBREVIATIONS:

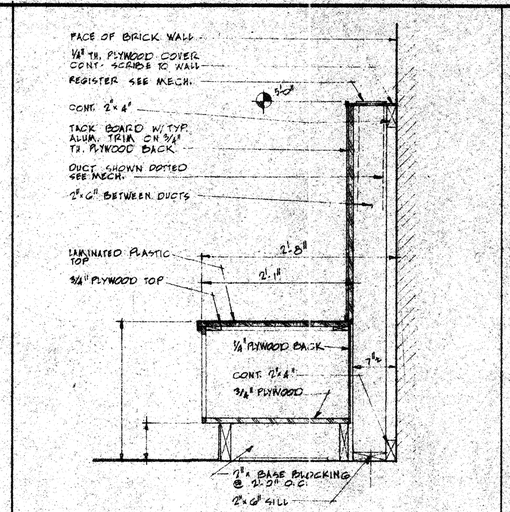
A.C.	=	ASPHALTIC CONC.	G.A.T.	=	GREASE-PROOF A.T.
AC.T.	=	ACOUSTIC-TILE	GYP.BD.	=	GYPSUM BOARD
A.T.	=	ASPHALT TILE	NAT.	=	NATURAL
CEM.	=	CEMENT	PLAS.	=	PLASTER
CLG.	=	CEILING	PTD.	=	PAINTED
C.T.	=	CERAMIC TILE	TERR.	=	TERRAZZO
F.F.	=	FACTORY FINISH	WSCT.	=	WAINSCOT
F.F.E.	=	FACTORY FINISH ENAMEL			

UNIT	No.	ROOM NAME	FLOOR MATERIAL	FLOOR BASE	WALLS MATERIAL	WALLS FIN.	WAINSCOT MATERIAL	WAINSCOT FIN.	CEILING MATERIAL	CEILING FIN.	CEILING HEIGHT	REMARKS
K	1	KINDERGARTEN	A.T. & C.T.	VINYL	BRICK PLAS.	NAT. PTD.	C.T.		NAT. & PLAS. (1)	F.F.	VAR'IES	(1) PLAS. & SOFFIT, PTD.
	2	KINDERGARTEN	A.T. & C.T.	VINYL	BRICK PLAS.	NAT. PTD.	C.T.		NAT. & PLAS. (1)	F.F.	VAR'IES	(2) 1/2" GYP. BD. & 3/8" GYP. BD.
	3	STORAGE	CEM.	VINYL	BRICK PLAS.	NAT. PTD.			PLAS.	PTD.	8'-1"	
	4	TOILET	C.T.	C.T.	PLAS.	PTD.			NAT. (2)	F.F.	7'-3½"	
	5	TOILET	C.T.	C.T.	PLAS.	PTD.			NAT. (2)	F.F.	7'-3½"	
	6	WORK ROOM	A.T.	VINYL	PLAS.	PTD.			NAT. (2)	F.F.	8'-2"	
	7	HEATER ROOM	CEM.	VINYL	BRICK (2) PLAS.	NAT. NAT.			PLAS.	———	VAR'IES	(3) 1 HR. SEPARATION



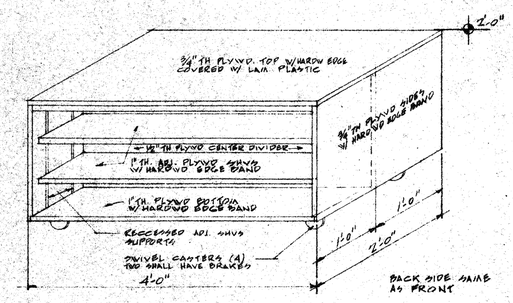
K KINDERGARTEN BUILDING - FLOOR PLAN
SCALE: 1/8" = 1'-0"

APPROVED: ARCHITECT / ENGINEER	APPROVED: STATE OF CALIFORNIA, DEPARTMENT OF PUBLIC WKS., DIVISION OF ARCHITECTURE — APPL. NO. / DATE / PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT	GOLDENWEST SCHOOL, WESTMINSTER SCHOOL DISTRICT FOR THE GOLDENWEST AT HOOD, WESTMINSTER, CALIFORNIA	HILLMAN & NOWELL, STRUCTURAL ENGINEERS, 816 W. 5th STREET MA 6-8768, LOS ANGELES 17, CALIFORNIA	LEE B. KLINE, ARCHITECT, A.I.A., 963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241	DATE OF DRAWING / DRAWN BY	DRAWING NO. 13 OF K (13)



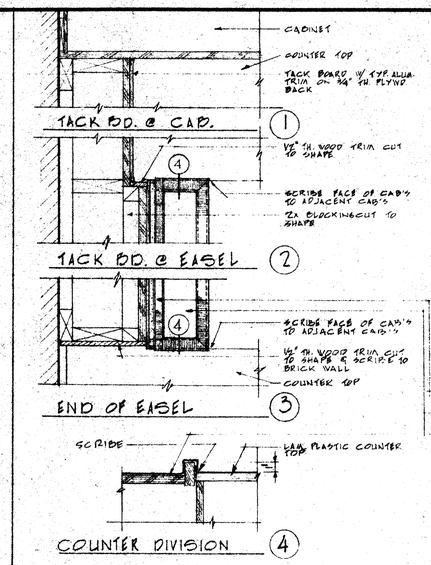
C COUNTER SECTION

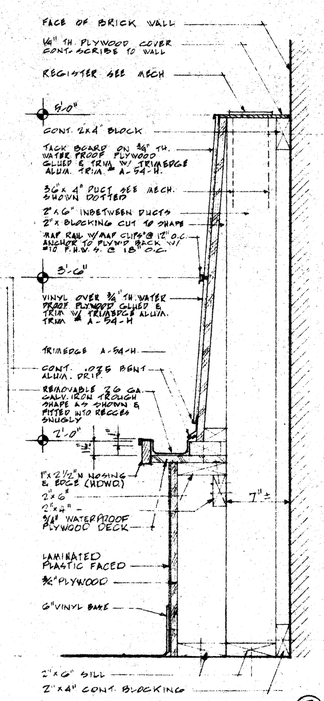
SCALE 1" = 1'-0"



A MOVABLE BOOK CART

NO SCALE

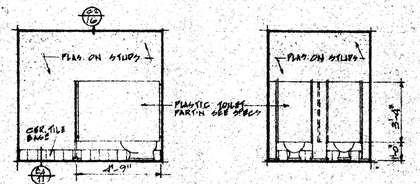




EASEL SECTION 5

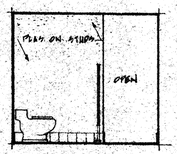
B EASEL DETAILS

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



ELEV. 1

ELEV. 2

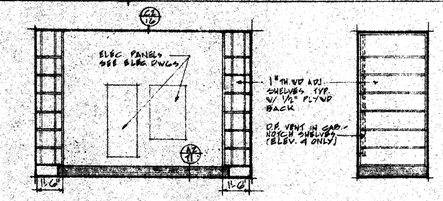


ELEV. 3

TOILET G

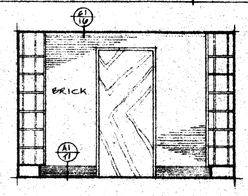
TOILET 5 SIMILAR BUT OPPOSITE HAND

SCALE 1/4" = 1'-0"



ELEV 1

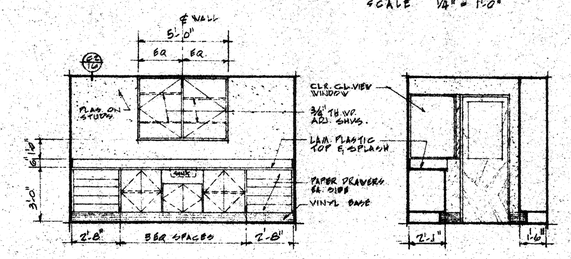
ELEV. 2 & 4



ELEV 3

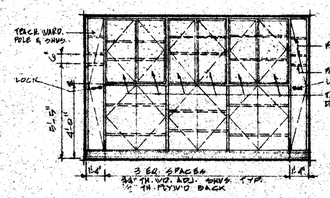
STORAGE 7

SCALE 1/4" = 1'-0"

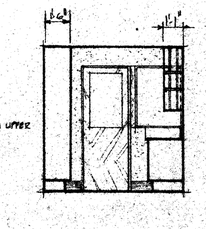


ELEV. 1

ELEV. 2



ELEV. 3



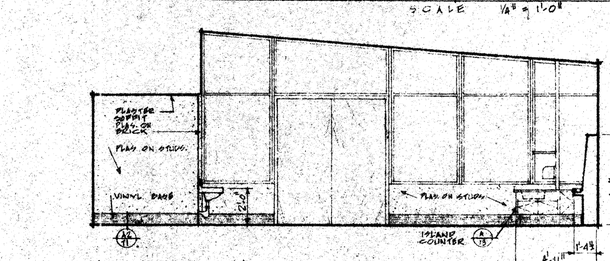
ELEV. 4

WORK ROOM 4

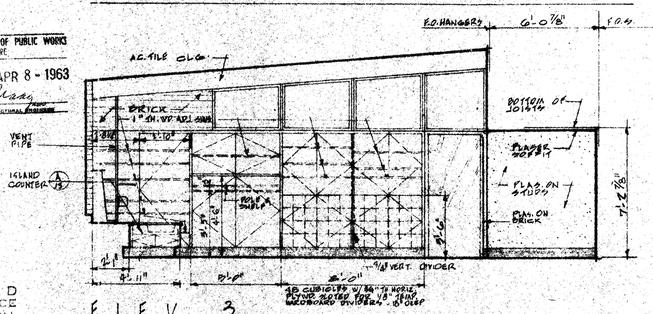
SCALE 1/4" = 1'-0"

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1963
APPLICATION NO.
By PRINCIPAL ARCHITECTURAL DRAFTSMAN

APPROVED
GLENN B. VANCE
STATE FIRE MARSHALL
BY
DATE APR 8 1963



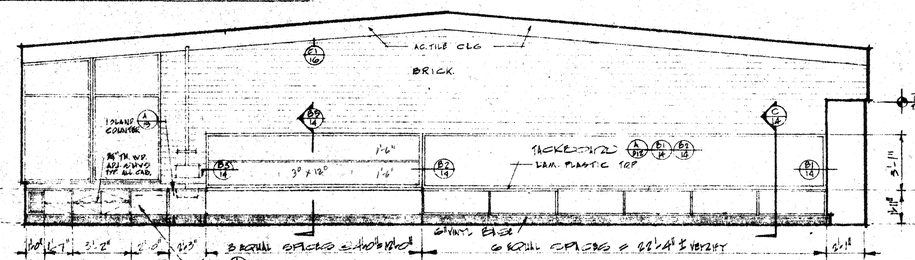
ELEV. 1



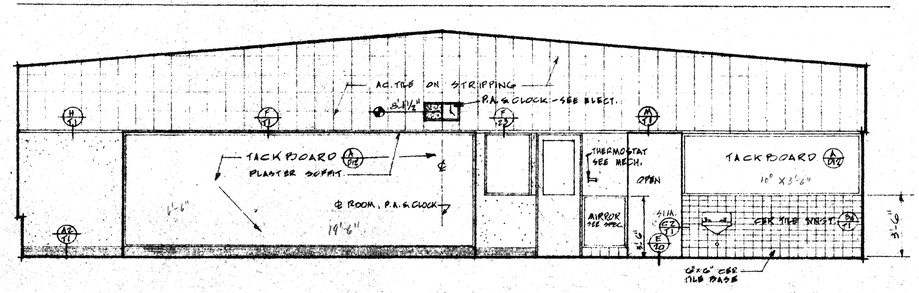
ELEV 3

TYPICAL KINDERGARTEN 1

SCALE 1/4" = 1'-0"



ELEV. 2



ELEV 4

KINDERGARTEN 2 SIMILAR BUT OPPOSITE

APPROVED: ARCHITECT / ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE — APPL. NO. — DATE — PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT	GOLDENWEST SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT GOLDENWEST AT HOOD WESTMINSTER, CALIFORNIA	HILLMAN & NOWELL STRUCTURAL ENGINEERS 816 W. 5th STREET MA 6-8748 LOS ANGELES 17, CALIFORNIA	LEE B. KLINE, ARCHITECT, A.I.A. 963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241 — DATE OF DRAWING — DRAWN BY — DRAWING NO. 14 — OF

BLK

K

(14)

FOR DIMENSIONS SEE SOUTH WALL
FOR C.M. & C.J. SEE SOUTH WALL

CLASSROOM C1-1 (16) — SEE CLASSROOM C2-5 FOR TYP. LAYOUT EXCEPT OPPOSITE HAND
CLASSROOM C1-2 (16) — SEE CLASSROOM C2-5 FOR TYP. LAYOUT
CLASSROOM C1-3 (16) — SEE CLASSROOM C2-5 FOR TYP. LAYOUT EXCEPT OPPOSITE HAND.
CLASSROOM C1-4 (16) — SEE CLASSROOM C2-5 FOR TYP. LAYOUT
CLASSROOM C1-5 (16) — SEE CLASSROOM C2-5 FOR TYP. LAYOUT
CLASSROOM C1-6 (16) — SEE CLASSROOM C2-5 FOR TYP. LAYOUT EXCEPT OPPOSITE HAND.
CLASSROOM C1-7 (16) — SEE CLASSROOM C2-5 FOR TYP. LAYOUT
CLASSROOM C1-8 (16) — SEE CLASSROOM C2-5 FOR TYP. LAYOUT EXCEPT OPPOSITE HAND.

BOYS C1-9 — FIX. & FLR. PLANS SEE SHEET #17 — FORCED AIR VENT. — MIRROR
OFFICE C1-10 — TACK BOARD — WALL HEATER
STORAGE CLOSETS C1-11 — COUNTER — BENCH — SINK — MIRROR
GIRLS C1-12 — FOR ½" FLOOR SLOPE SEE SHEET #17

12" FURRING — INSULATED PART'N W/ 2x6 @ 16" & 2x4 STAGGERED STUDS (3/A9)
TACK BOARD — CHALK BOARD — 2x6 @ STUDS BACK. WOOD SEE DET. — 2x6 @ STUDS SPACED AS SHOWN SEE DET.
3/4" A.C. MAST. — 2x6 @ STUDS SPACED AS SHOWN SEE DET. — 3/4" A.C. MAST.
SINK 2x6 @ STUDS SPACED AS SHOWN SEE DET. — MIRROR

ROOF LINE ABOVE CENTER WALL — ROOF LINE ABOVE PARAPET — 5'-0" CONC. WALL — 5'-0" CONC. WALL — 9½" BRICK WALL — 5'-0" CONC. WALL

DIMENSIONS: 4'-7" — 4'-0" — 4'-0½" — 4'-0½" — 4'-0" — 3'-4" — 4'-6" — 4'-6" — 3'-4" — 16'-1" — 3'-4" — 4'-7" — 4'-7" — 3'-4" — 16'-1" — 3'-4" — 4'-6" — 4'-6" — 3'-4" — 16'-1" — 3'-4" — 4'-7" — 14'-3½" — 5'-6" — 16'-0"
22'-11" N.O. — 9'-0" — 9'-2" — 22'-11" N.O. — 9'-0" — 22'-11" N.O. — 16'-0"
32'-0" — 32'-0" — 144'-0" — 32'-0" — 32'-0"
30'-0" — 60'-0" — 30'-0" — 17'-0" — 15'-0" — 14'-4" — 15'-0"

FLOOR PLAN

SCALE 1/8" = 1'-0"

C-1

MECH. VENT ENCLOSURE (4/A3) — METAL ROOF DECK (B/A4) — CONT'D. ROOF FLASH. MOFFIT & FASCIA — @ FASCIA (4/A4) — BRICK — FLASH. (6/A3) — TOP OF PL'T — MET. LOUVER — FIN FLOOR LINE — FIN. GRADE LINE — 10'-7¾"

NORTH
SOUTH — SIMILAR EXCEPT OPPOSITE HAND.

C-1 & C-2

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS — DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1963
APPLICATION NO. — BY E. Shaw — PRINCIPAL STRUCTURAL ENGINEER

MECH. VENT ENCLOSURE (4/A3) — PLASTER FASCIA — MET. LOUVER (A5/A9) — BRICK — C.T. PANEL — 3 BUBBLER D.F. — 5 BUBBLER D.F.

WEST — C-1

MECH. VENT ENCLOSURE (4/A3) — MET. LOUVER (A5/A9) — BRICK — 10'-3½" M.O. HT. — TOP OF PLATE — 10'-7¾" — FIN. FLR. LINE

EAST — C-1 & C-2

MECH. VENT ENCLOSURE (4/A3) — CLOCK SEE ELEC. — MET. LOUVERS — BRICK — FLAG. COPING — 5 BUBBLER D.F.

WEST — C-2

TYPICAL EXTERIOR ELEVATIONS

SCALE 1/8" = 1'-0"

C-1 & C-2

APPROVED
GLENN B. VANCE
STATE FIRE MARSHALL
BY — DATE APR 8 1963

FINISH SCHEDULE

TYPICAL NOTE:
CEILING HEIGHTS ARE TO BOTTOM OF CEILING JOISTS OR RAFTERS.
*½" TH. PLAS. ON BRICK

ABBREVIATIONS:

A.C.	=	ASPHALTIC CONC.	G.A.T.	=	GREASE-PROOF A.T.
AC.T.	=	ACOUSTIC-TILE	GYP.BD.	=	GYPSUM BOARD
A.T.	=	ASPHALT TILE	NAT.	=	NATURAL
CEM.	=	CEMENT	PLAS.	=	PLASTER
CLG.	=	CEILING	PTD.	=	PAINTED
C.T.	=	CERAMIC TILE	TERR.	=	TERRAZZO
F.F.	=	FACTORY FINISH	WSCT.	=	WAINSCOT
F.F.E.	=	FACTORY FINISH ENAMEL			

UNIT	No.	ROOM NAME	FLOOR MATERIAL	FLOOR BASE	WALLS MATERIAL	WALLS FIN.	WAINSCOT MATERIAL	WAINSCOT FIN.	CEILING MATERIAL	CEILING FIN.	CEILING HEIGHT	REMARKS
C1	1	CLASSROOM	A.C.	VINYL	EXP. BRICK PLAS. ④	NAT. PTD.			AC.T. & PLAS. ②③	F.F. PTD.	VARIES ⑩	① 78" TH. PLAS. ON BRICK *
	2	CLASSROOM										② AC.T. ON STRIPPING.
	3	CLASSROOM										③ PLAS. ON FURRED SOFFIT (FPD)
	4	CLASSROOM										④ AC.T. ON STRIPPING ON VERT. FACE OF FURRED SOFFIT.
	5	CLASSROOM										⑤ PLAS. ON CLG. OF VESTIBULES OF TOILET & STORAGE ROOMS
	6	CLASSROOM										⑥ SEE DET (5/A1) & (8/A2)
	7	CLASSROOM										
	8	CLASSROOM	T.T.	VINYL	EXP. BRICK PLAS. ④	NAT. PTD.			AC.T. & PLAS. ②③	F.F. PTD.	VARIES ⑩	
	9	BOYS	C.T.		PLAS. ①	PTD.	C.T. ⑥		PLAS. ⑤	PTD.	9'-2⅛"	
	10	OFFICE	A.C.	VINYL	EXP. BRICK & PLAS.	NAT. PTD.			AC.T.	F.F.		
	11	STORAGE CLOS.	CEM.	VINYL	EXP. BRICK & PLAS.	NAT. PTD.			PLAS.	PTD.		
	12	GIRLS	C.T.		PLAS. ①	PTD.	C.T. ⑥		PLAS. ⑤	PTD.	9'-2⅛"	

GENERAL NOTES

- ALL INTERIOR PARTITIONS SHALL BE 2x4 WOOD STUDS EXCEPT AS OTHERWISE NOTED AND INDICATED
- ALL BUILDING BRICK WALLS SHALL BE 9½" THICK
- ALL STUD WALL DIMENSIONS ARE TO ℄ OR A.O. OTHERWISE NOTED AS F.D.A. (I.E. FACE OF STUDS)

NOTE: VERIFY ALL DIMENSIONS @ JOB SITE

(7) LOU. @ EAST END UNITS C-1 & C-2 — 5'-0" LOU. DIM.
(8) LOU. @ WEST END UNIT C-1 — 6'-11⅝" LOU. DIM.
(9) LOU. @ WEST END UNIT C-2 — 5'-9" LOU. DIM.

(1) HEAD — FOR FRAMING SEE STRUCT. DWGS. — 2"x4" CRIPPLE STUDS AS REQUIRED — PLAS. W/ MET. PLAS. TRIM — SET-IN SEALANT — TYP. MET. LOUVERS — ½" HOWE CLOTH SCREEN W/ G.G. FRAME — ½" @ LOUVERS @ EAST END UNITS C-1 & C-2
(2) MULLION — TYP. MET. LOUVERS W/ ½" HOWE CLOTH SCREEN - SEE SPECS. — 8"x 6" MULLION SEE STRUCT. — R.O.B.
(3) JAMB — ½" HOWE. CLOTH SCREEN W/ G.G. FRAME — TYP. MET. LOUVERS — SET-IN SEALANT — 2"x8" W/ ⅝"ø ANCHOR BOLTS - SEE STRUCT. — BRICK WALL — 1 3/16" TYP. - 1½" @ LOUVERS @ EAST ELEV. UNITS C-1 & C-2
(4) MULLION — ¾"x 6½" HARDWD — 2"x 4" — 2"x 6" STUDS WALL — TYP. MET. LOUVERS W/ ½" HOWE. CLOTH SCREEN - SEE SPECS. — SET-IN SEALANT
(5) SILL — ½" HOWE. CLOTH SCREEN W/ G.G. FRAME - SEE SPECS. TYPICAL 24 GA. G.G. LOU. — 2"x 6" PLATE - SEE STRUCT. — 10'-3½" — BACK WALL — SET-IN SEALANT
(6) SILL — TYP. MET. LOUVERS — ½" HOWE. CLOTH SCREEN W/ G.G. FRAME — 3"x 3"x 5/16" L ST. ANGLE SEE STRUCT. FOR BOLT SIZE & LOC. — 7'-1½" — PLASTER W/ MET. PLAS. TRIM — SET-IN SEALANT

A METAL LOUVER DETAILS

SCALE 1½" = 1'-0"

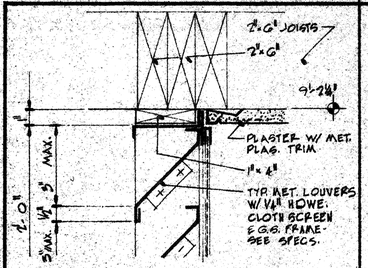
APPROVED:	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE	APPROVED: FOR THE DISTRICT
ARCHITECT	APPL. NO.	Cedar Clegg
ENGINEER	DATE — PRINCIPAL STRUCTURAL ENGINEER	Curtis Schumacher

GOLDENWEST SCHOOL
WESTMINSTER SCHOOL DISTRICT — FOR THE DISTRICT
GOLDENWEST AT HOOD — WESTMINSTER, CALIFORNIA

HILLMAN & NOWELL
STRUCTURAL ENGINEERS
816 W. 5th STREET MA 4-8748
LOS ANGELES 17, CALIFORNIA

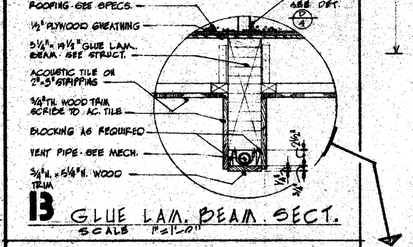
LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

DATE OF DRAWING
DRAWN BY
DRAWING NO. 15 OF
C-1
(15)



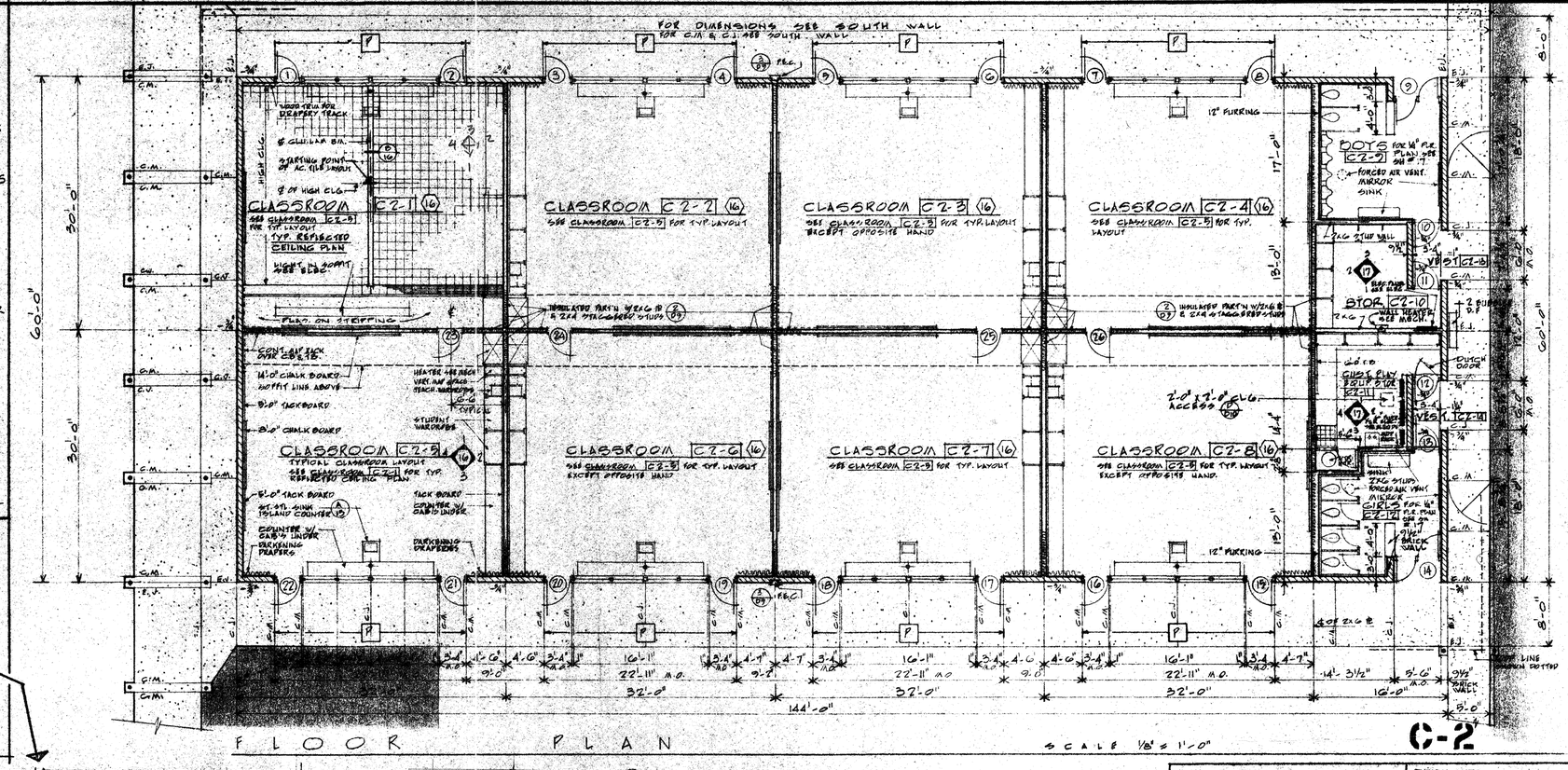
A METAL LOUVERS OVER DRS #11 & #13 "C-2"

SCALE 3"= 1'-0"



B GLUE LAM. BEAM. SECT.

SCALE 1"=1'-0"



FLOOR PLAN

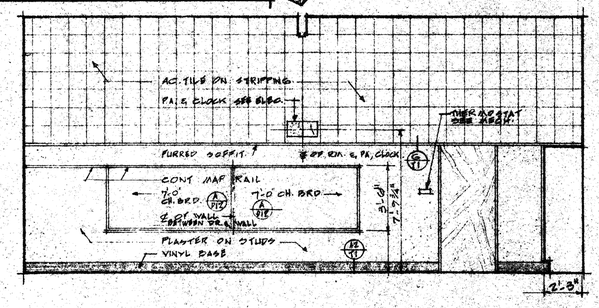
SCALE 1/8" = 1'-0"

C-2

GENERAL NOTES

- ALL INTERIOR PARTITIONS SHALL BE 2x4 WOOD STUDS EXCEPT AS OTHERWISE NOTED AND INDICATED
- ALL BUILDING BRICK WALLS SHALL BE 9½" THICK
- ALL STUD WALL DIMENSIONS ARE TO ℄ OR AS OTHERWISE NOTED AS F.O.S. (I.E. FACE OF STUDS)

NORTH



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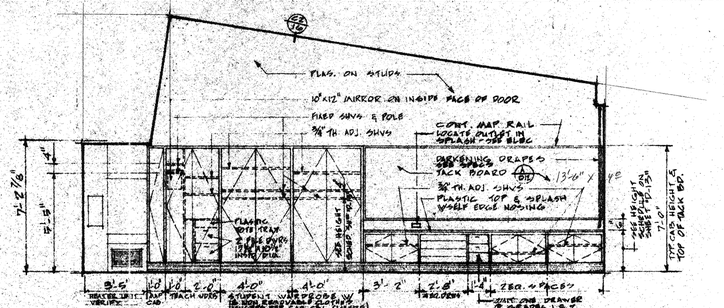
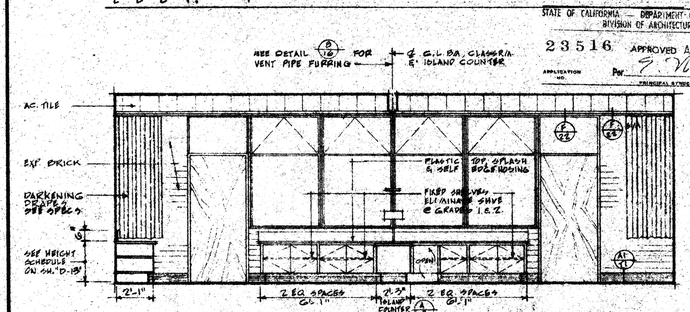


ELEV. 2 EAST

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1963
By T. Vlang
APPLICATION NO. PRINCIPAL STRUCTURAL ENGINEER



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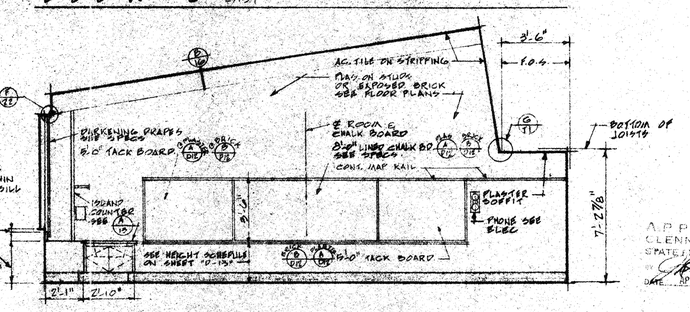


ELEV. 4 WEST

TYPICAL INTERIOR CLASSROOM ELEVATIONS

SCALE 1/4"=1'-0"

C-1 & C-2

APPROVED
CLENN B. VANCE
STATE FIRE MARSHALL
BY
DATE APR 8 1963

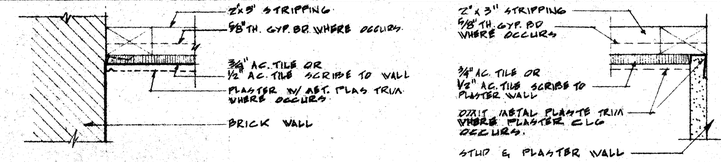
FINISH SCHEDULE

TYPICAL NOTE:
CEILING HEIGHTS ARE TO BOTTOM OF CEILING JOISTS OR RAFTERS.
*½" TH. PLAS. ON BRICK

ABBREVIATIONS:

A.C.	=	ASPHALTIC CONC.	G.A.T.	=	GREASE-PROOF A.T.
AC.T.	=	ACOUSTIC-TILE	GYP.BD.	=	GYPSUM BOARD
A.T.	=	ASPHALT TILE	NAT.	=	NATURAL
CEM.	=	CEMENT	PLAS.	=	PLASTER
CLG.	=	CEILING	PTD.	=	PAINTED
C.T.	=	CERAMIC TILE	TERR.	=	TERRAZZO
F.F.	=	FACTORY FINISH	WSCT.	=	WAINSCOT
F.F.E.	=	FACTORY FINISH ENAMEL			

UNIT	No.	ROOM NAME	FLOOR MATERIAL	FLOOR BASE	WALLS MATERIAL	WALLS FIN.	WAINSCOT MATERIAL	WAINSCOT FIN.	CEILING MATERIAL	CEILING FIN.	CEILING HEIGHT	REMARKS
C2	1	CLASSROOM	A.T.	VINYL	EXT BRICK, PLAS. ④	NAT. PTD.			ACT. & PLAS. ②③	PTD.	VARIES	① ⅞"TH. FURS. ON BRICK
	2	CLASSROOM										② ACT. ON STRIPPING
	3	CLASSROOM										③ FURS ON FURRED SOFFIT (TYP)
	4	CLASSROOM										④ ACT. ON STRIPPING ON VERT. FACE OF FURRED SOFFIT.
	5	CLASSROOM										⑤ FURS ON CLG. OF VESTIBULES OF TOILET & STORAGE ROOMS.
	6	CLASSROOM										⑥ SEE DET. 6/A6 & 5/A4
	7	CLASSROOM										
	8	CLASSROOM	A.T.	VINYL	EXT BRICK, PLAS. ④	NAT. PTD.			ACT. & PLAS. ②③	PTD.	VARIES	
	9	BOYS	C.T.	—	PLAS. ①	PTD.	C.T. ⑥		PLAS. ⑤	PTD.	9'-2¼"	
	10	STORAGE	CEM.	VINYL	EXT BRICK & PLAS.	NAT. PTD						
	11	CUST. PLAY EQUIP.	CEM.	VINYL	EXT. BRICK & PLAS.	NAT. PTD						
	12	GIRLS	C.T.	—	PLAS. ①	PTD	C.T. ⑥		PLAS. ⑤	PTD.	9'-2¼"	
	13	VESTIBULE	CEM.	—	BRICK	NAT.			PLAS.	PTD.	7'-1¼"	
	14	VESTIBULE	CEM.	—	BRICK	NAT.			PLAS.	PTD.	7'-1¼"	



AT BRICK WALL (1)

AT PLASTER WALL (2)

C CEILING TO WALL CONNECTIONS

SCALE 3"= 1'-0"

APPROVED:
ARCHITECT
ENGINEER

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
APPL. NO.
DATE PRINCIPAL STRUCTURAL ENGINEER

APPROVED: FOR THIS DISTRICT
Adda Clegg
Curtis Shumaker

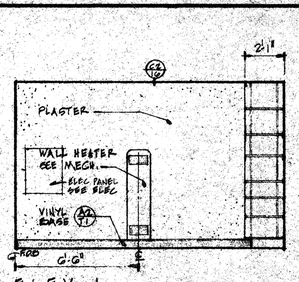
GOLDENWEST SCHOOL
WESTMINSTER SCHOOL DISTRICT FOR THE
GOLDENWEST AT HOOD
WESTMINSTER, CALIFORNIA

HILLMAN & NOWELL
STRUCTURAL ENGINEERS
816 W. 5th STREET MA 4-6748
LOS ANGELES 17, CALIFORNIA

LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

DATE OF DRAWING
DRAWN BY
DRAWING NO. 16
OF

C-2



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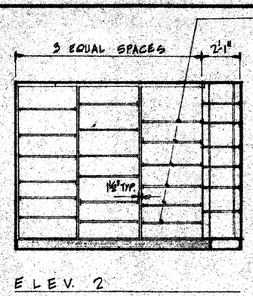

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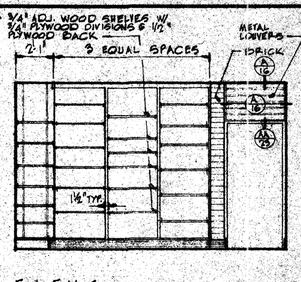
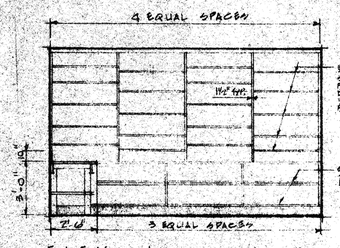


ELEV. 3

STORAGE C2-10

SCALE 1/4" = 1'-0"



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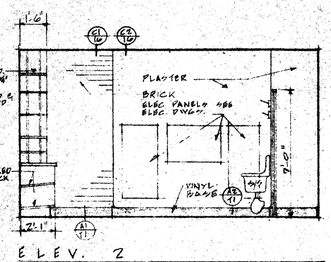

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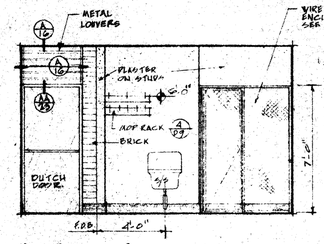

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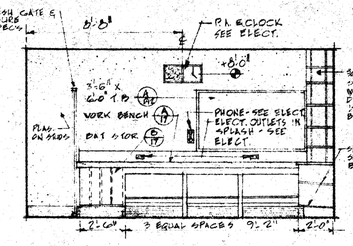
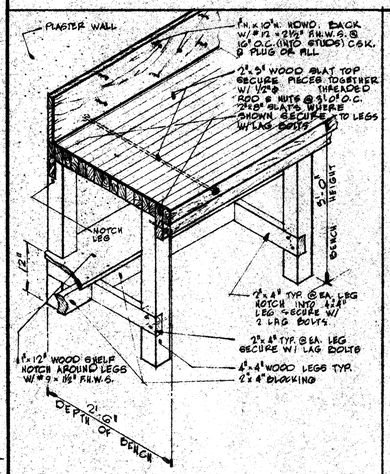


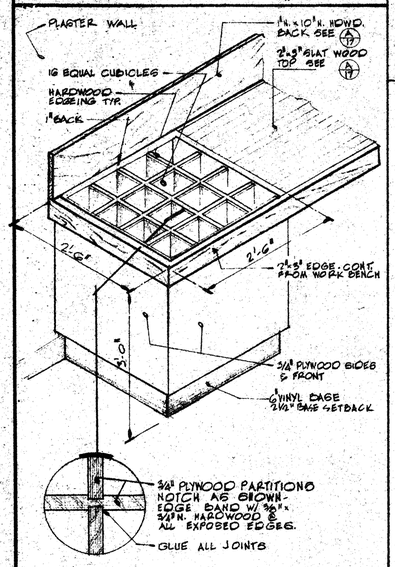
ELEV. 4

CUSTODIAN PLAY EQUIPMENT STORAGE C2-11

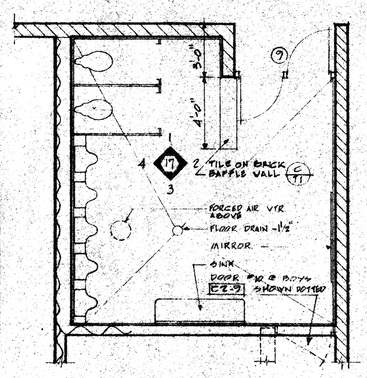


A WORK BENCH

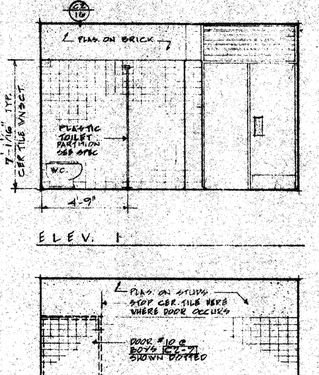
SCALE 3/4" = 1'-0"



B BASEBALL BAT STORAGE



PLAN BOYS C1-9 & C2-9



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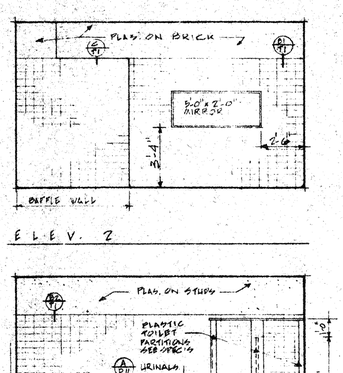
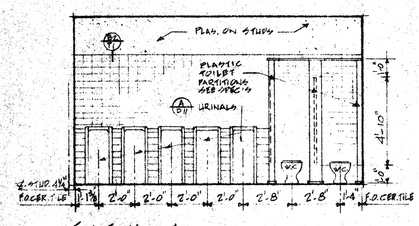


ELEV. 2

ELEV. 3



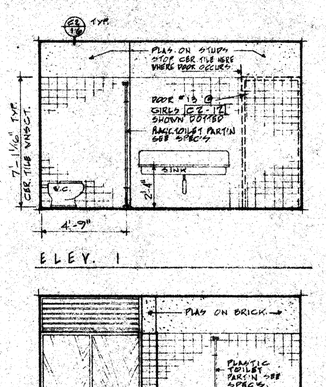
ELEV. 4

BOYS C1-9 & C2-9

PLAN GIRLS C1-12 & C2-12

APPROVED
GLENN B. VANCE
STATE FIRE MARSHALL
BY
DATE APR 8 1963

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1963
APPLICATION NO.
BY
PRINCIPAL STRUCTURAL ENGINEER



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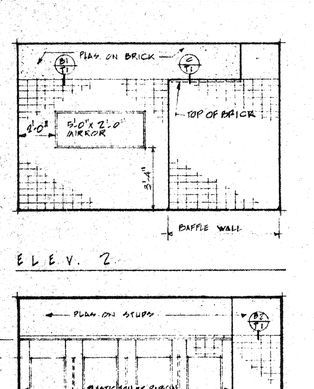
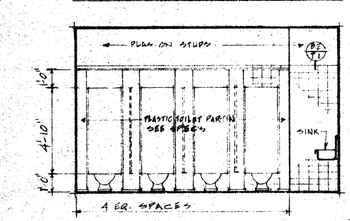


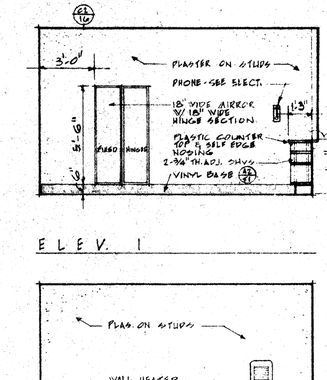
ELEV. 2

ELEV. 3



ELEV. 4

GIRLS C1-12 & C2-12



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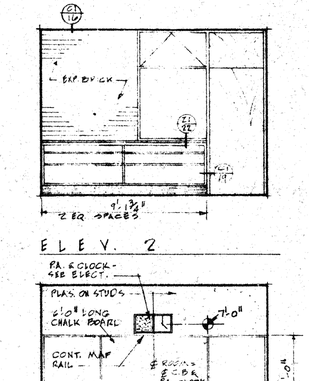

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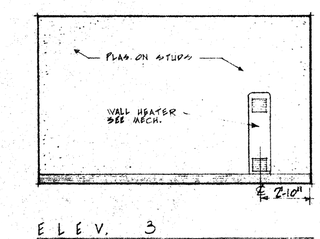
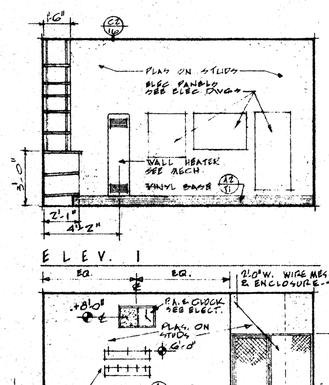


ELEV. 3

ELEV. 4

OFFICE C1-10



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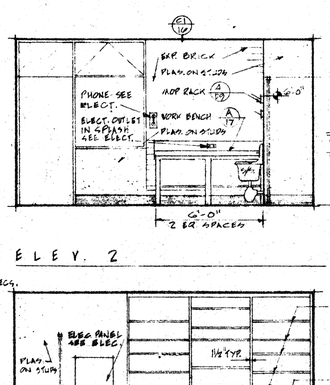


ELEV. 2

ELEV. 3

ELEV. 4

STORAGE CUSTODIAN C1-11

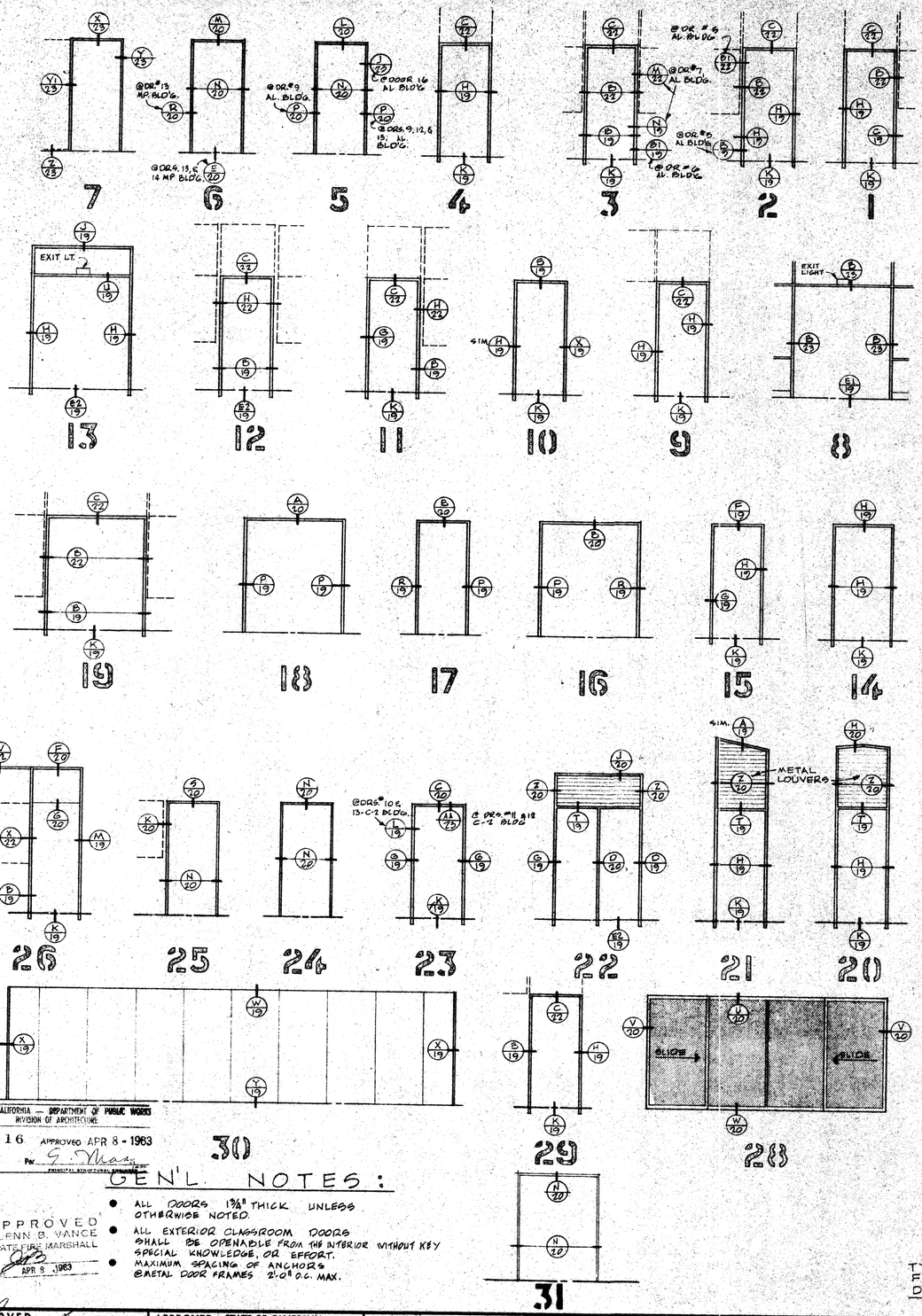
APPROVED: ARCHITECT / ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE — APPL. NO. / DATE / PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT	GOLDENWEST SCHOOL WESTMINSTER SCHOOL DISTRICT FOR THE GOLDENWEST AT HOOD WESTMINSTER, CALIFORNIA

HILLMAN & NOWELL
STRUCTURAL ENGINEERS
816 W. 5th STREET MA 6-6748
LOS ANGELES 17, CALIFORNIA

LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

BLK | DATE OF DRAWING | DRAWN BY | DRAWING NO. 17 | OF

C-1 & C-2



STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

23516 APPROVED APR 8 - 1963

APPLICATION NO. By E. Mass PRINCIPAL ASSISTANT STRUCTURAL ENGINEER

APPROVED
GLENN B. VANCE
STATE FIRE MARSHALL
By
DATE APR 8 1963

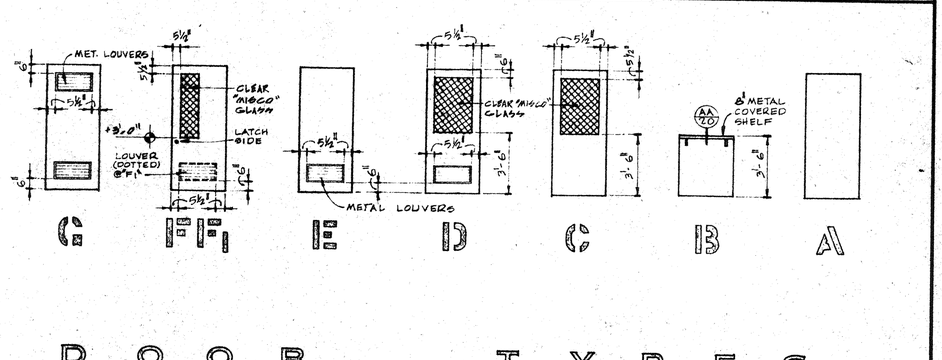
GEN'L NOTES:

- ALL DOORS 1¾" THICK UNLESS OTHERWISE NOTED.
- ALL EXTERIOR CLASSROOM DOORS SHALL BE OPENABLE FROM THE INTERIOR WITHOUT KEY SPECIAL KNOWLEDGE, OR EFFORT.
- MAXIMUM SPACING OF ANCHORS @METAL DOOR FRAMES 2'-0" O.C. MAX.

DOOR SCHEDULE

UNIT	DOOR NUMBER	DOOR TYPE	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	FRAME TYPE	FRAME SIZE WIDTH	FRAME SIZE HEIGHT	LOUVER SIZE WIDTH	LOUVER SIZE HEIGHT	REMARKS
C-1	①	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	2	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	3	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	4	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	5	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	6	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	7	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	8	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	9	A	2'-2'-6"	7'-0"	22	5'-2"	9'-0"			
	10	A	3'-0"	7'-0"	26	3'-0"	9'-1½"			FIXED 1¾" TH. DOOR PANEL ABOVE
	11	A	3'-0"	7'-0"	26	3'-0"	9'-1½"			FIXED 1¾" TH. DOOR PANEL ABOVE
	12	A	2'-2'-6"	7'-0"	22	5'-2"	9'-0"			
	13	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	14	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	15	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	16	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	17	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	18	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	19	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	20	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	21	A	3'-0"	7'-0"	24					
	22	A	3'-0"	7'-0"	24					
	23	A	3'-0"	7'-0"	24					
	24	A	3'-0"	7'-0"	24					
C-2	1	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	2	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	3	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	4	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	5	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	6	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	7	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	8	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	9	A	2'-2'-6"	7'-0"	22	5'-2"	9'-0"			
	10	A	3'-0"	6'-11½"	23	3'-0"	6'-11¼"			
	11	A	3'-0"	6'-11½"	23	3'-0"	6'-11¼"			
	12	A	3'-0"	6'-11½"	23	3'-0"	6'-11¼"			DUTCH DOOR SEE AA/20
	13	A	3'-0"	6'-11½"	23	3'-0"	6'-11¼"			
	14	A	2'-2'-6"	7'-0"	22	5'-2"	9'-0"			
	15	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	16	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	17	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	18	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	19	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	20	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	21	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	22	A	3'-0"	7'-0"	2	3'-0"	6'-11¾"			
	23	A	3'-0"	7'-0"	24					
	24	A	3'-0"	7'-0"	24					
	25	A	3'-0"	7'-0"	24					
	26	A	3'-0"	7'-0"	24					

UNIT	DOOR NUMBER	DOOR TYPE	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	FRAME TYPE	FRAME SIZE WIDTH	FRAME SIZE HEIGHT	LOUVER SIZE WIDTH	LOUVER SIZE HEIGHT	REMARKS
AL	①	A	3'-0"	7'-0"	1	3'-0"	6-11¾			
	2	A	3'-0"	7'-0"	2	▲	▲			
	3	A	3'-0"	7'-0"	2					
	4	B	3'-6"	7'-0"	21			2'-2"	6"	CLASS "E" LABEL ASSEMBLY
	5	A	3'-0"	7'-0"	2					
	6	A	3'-0"	7'-0"	3					
	7	A	3'-0"	7'-0"	3	▼	▼			
	8	A	3'-0"	7'-0"	4	3'-0"	6'-11¾"			
	9	A	3'-0"	7'-0"	5					
	10	G	3'-0"	7'-0"	5			2'-2'-2"	6"	HIGH & LOW LOUVERS.
	11	F1	2'-8"	7'-0"	24			1'-10"	1'-0"	PROVIDE FUSIBLE LOUVER
	12	F	2'-8"	7'-0"	5					
	13	A	2'-6"	7'-0"	5					UNDER-CUT DOOR 1"
	14	*			27	8'-0"	7'-1⅜"			* WOOD FOLDING - SEE SPECS.
	15	F1	2'-8"	7'-0¾"	7	2'-7"	7'-0"	1'-10"	1'-0"	WOOD SLIDING DOOR PROVIDE FUSIBLE LOUVER
	16	E	2'-8"	7'-0"	5			1'-10"	1'-0"	
	17	A	3'-0"	4'-10¼"	*					* SEE DETAIL A/20 IN SPECS.
MP	1	A	2-3'-0"	7'-0"	8					
	2				28	14'-11½"	7'-1¾" ±			ALUM. SLIDING DOOR/ INT. SCREEN
	3	A	3'-0"	7'-0"	9	3'-0"	6'-11¾"			
	4	A	3'-0"	7'-0½"	10	3'-0"	7'-0¼"			
	5	A			30	27'-10½"	7'-2"			
	6	A	3'-0"	7'-0½"	10	3'-0"	7'-0¼"			
	7*	A	3'-0"	7'-0"	11	3'-0"	6'-11¾"			* SCREEN DOOR (SWING IN)
	8	A	3'-0"	7'-0"	12	3'-0"	6'-11¾"			
	9	A	2-3'-0"	7'-0"	13	6'-0"	6'-11¾"			
	10	A	3'-6"	7'-0"	14	3'-6"	6'-11¾"			CLASS "E" LABEL ASSEMBLY
	11	A	3'-0"	7'-0½"	15	3'-0"	7'-0¼"			
	12	A	3'-0"	7'-0½"	15	3'-0"	7'-0¼"			
	13	A	2'-8"	7'-0"	6					UNDER-CUT DOOR 1"
	14	A	2'-8"	7'-0"	6					UNDER-CUT DOOR 1"
	15	A	3'-0"	7'-0"	6					
	16	A	2-3'-0"	7'-1½"	16					
	17	A	2-3'-0"	7'-1½"	16					
	18	A	3'-0"	7'-1½"	17					
	19	A	3'-0"	7'-0"	24					
	20	B	2-2'-6"	7'-0"	31			1'-8"	1'-0"	PROVIDE FUSIBLE LOUVERS LOW LOUVERS EACH DOOR
	21				*					* SEE DETAIL D/12 & SPECS.
K	1	A	2-3'-0"	7'-0"	19	6'-0"	6'-11¾"			
	2	G	3'-0"	6'-10¼"	14	3'-0"	6'-11¾"	2'-2'-2"	6"	HIGH & LOW LOUVERS
	3	A	2-3'-0"	7'-0"	19	6'-0"	6'-11¾"			
	4	A	3'-0"	7'-0"	29	3'-0"	6'-11¾"			
	5	E	3'-0"	7'-0"	20	3'-0"	VARIES	2'-2"	8"	CLASS "E" LABEL ASSEMBLY
	6	A	3'-0"	7'-0"	29	3'-0"	6'-11¾"			
	7	D	2'-8"	7'-0"	25			1'-10"	6"	
	8	D	2'-8"	7'-0"	25			1'-10"	6"	



DOOR TYPES

APPROVED
ARCHITECT
ENGINEER

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE.
APPL. NO.
DATE
PRINCIPAL STRUCTURAL ENGINEER

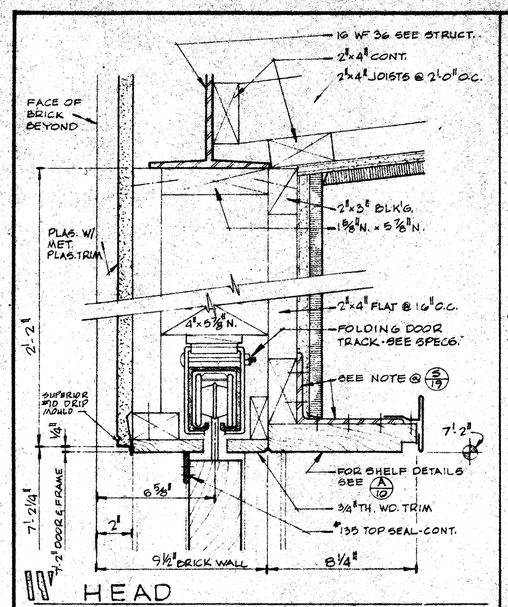
APPROVED: FOR THE DISTRICT

GOLDENWEST SCHOOL
WESTMINSTER SCHOOL DISTRICT FOR THE
GOLDENWEST AT HOOD
WESTMINSTER, CALIFORNIA

HILLMAN & NOWELL
STRUCTURAL ENGINEERS
816 W. 5th STREET MA 4-8748
LOS ANGELES 17, CALIFORNIA

LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

DATE OF DRAWING
DRAWN BY
DRAWING NO. 18
OF



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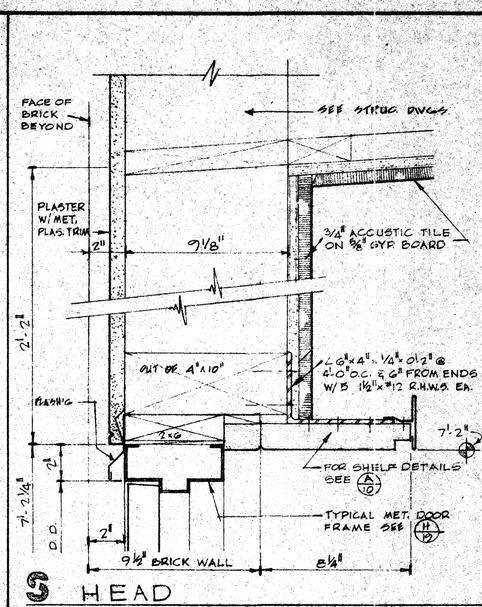

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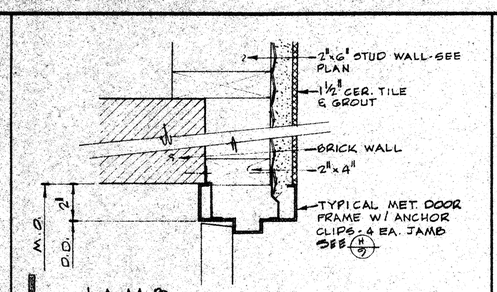

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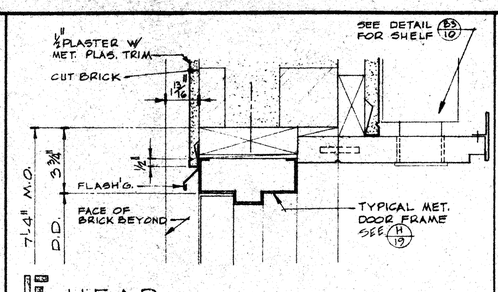

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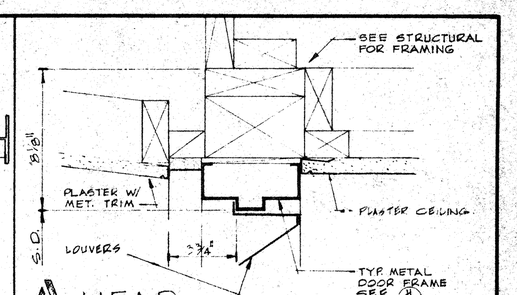

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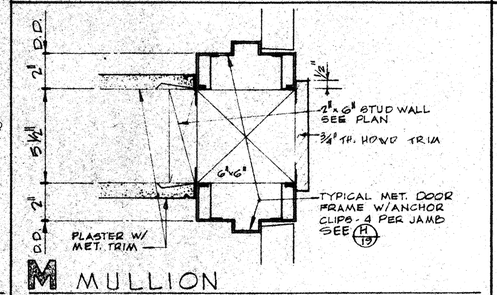

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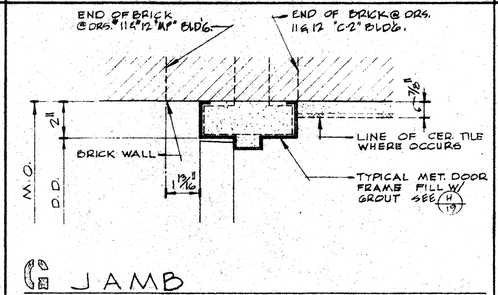

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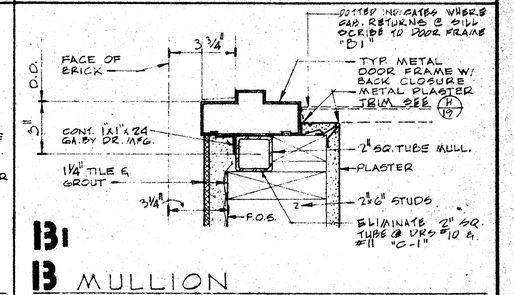
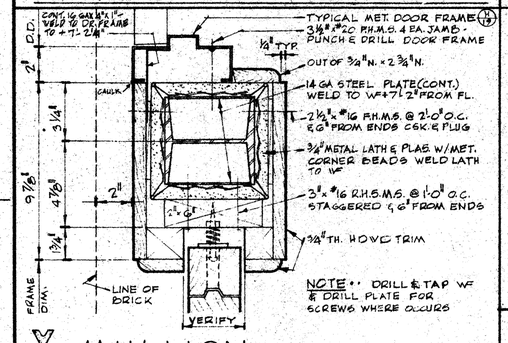


B1
B MULLION



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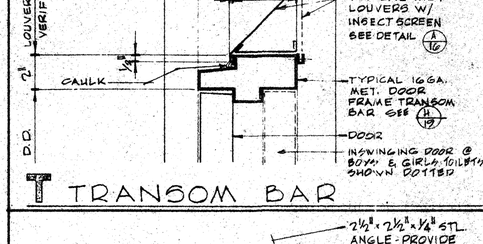

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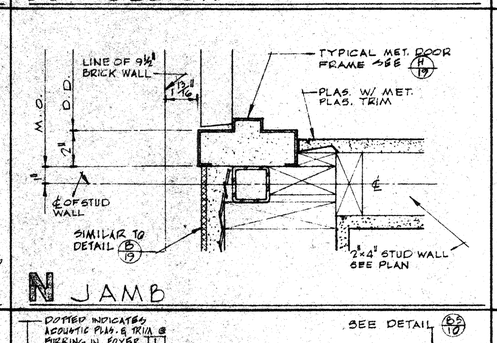

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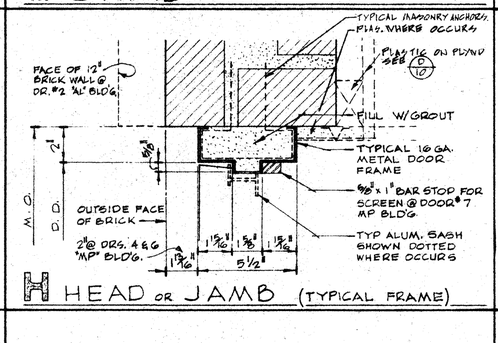
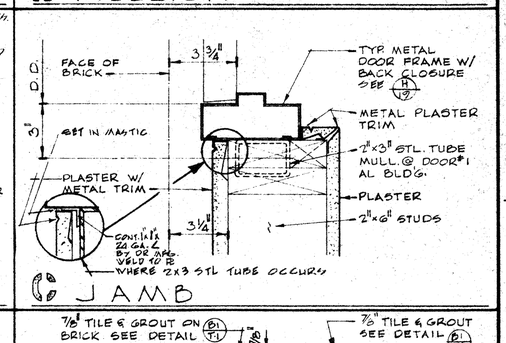
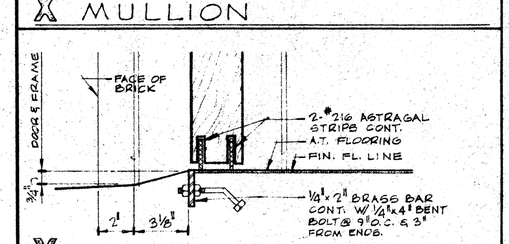


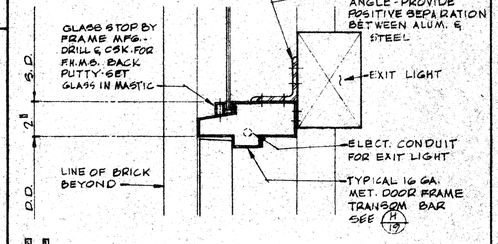
H HEAD OR JAMB (TYPICAL FRAME)



G JAMB



Y THRESHOLD



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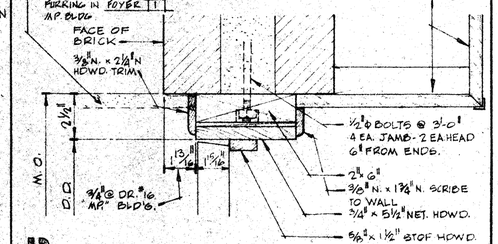
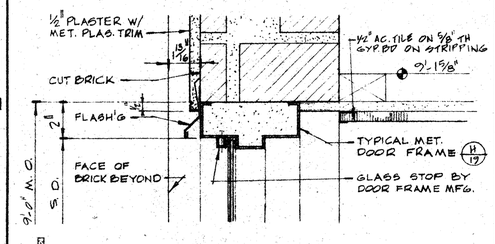


P JAMB



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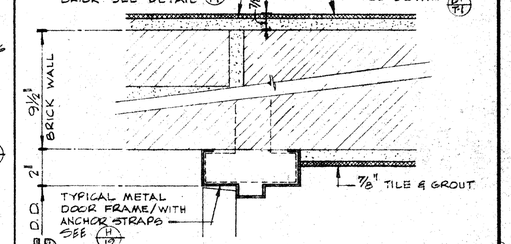

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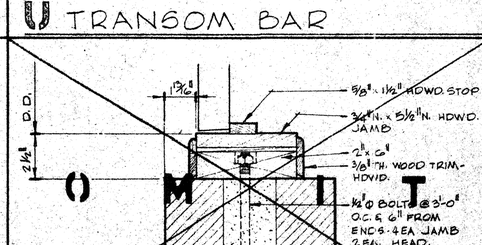
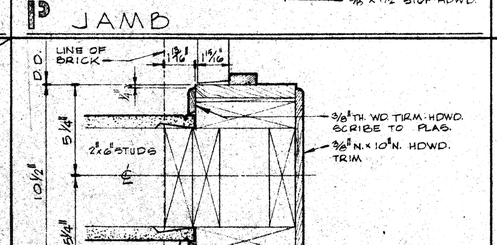


V JAMB (TYPICAL)



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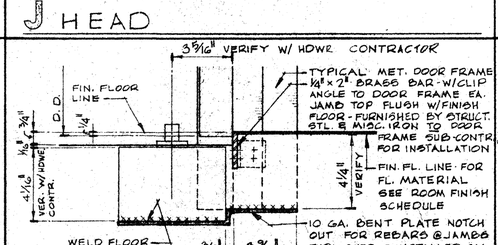

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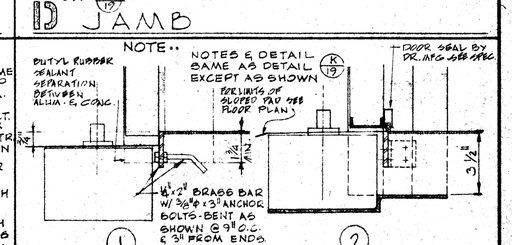
K TYPICAL THRESHOLD



THRESHOLD

THE SCALE OF ALL DETAILS ON THIS SHEET IS 3"=1'-0"

APPROVED
CLENN B. VANCE
STATE FIRE MARSHALL
BY
DATE APR 8 1963

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1963
APPLICATION NO. By PRINCIPAL STRUCTURAL ENGINEER

APPROVED: ARCHITECT
ENGINEER

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
APPL. NO.
DATE PRINCIPAL STRUCTURAL ENGINEER

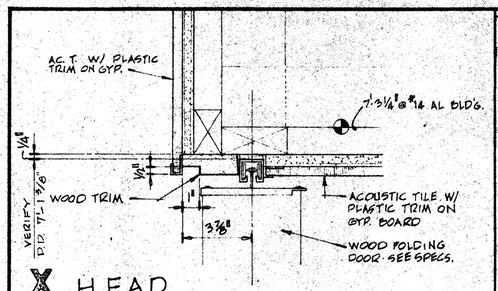
APPROVED: FOR THE DISTRICT

GOLDENWEST SCHOOL
WESTMINSTER SCHOOL DISTRICT FOR THE
GOLDENWEST AT HOOD
WESTMINSTER, CALIFORNIA

HILLMAN & NOWELL
STRUCTURAL ENGINEERS
816 W. 5th STREET MA 4-8748
LOS ANGELES 17, CALIFORNIA

LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

DATE OF DRAWING
DRAWN BY
DRAWING NO. 19
OF



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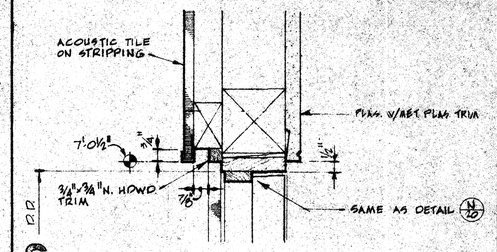

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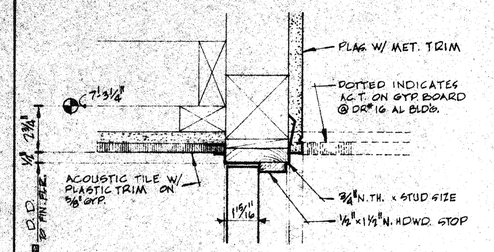

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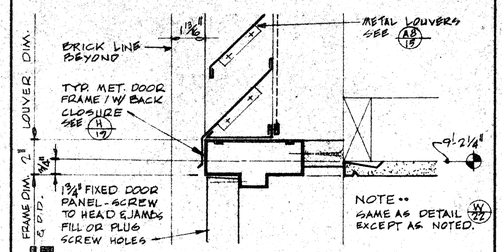

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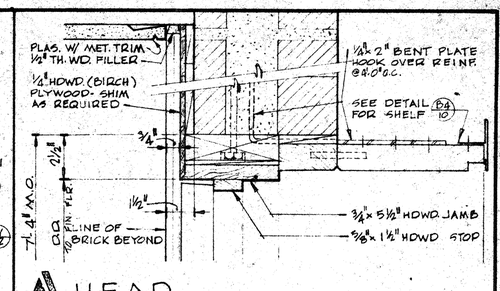

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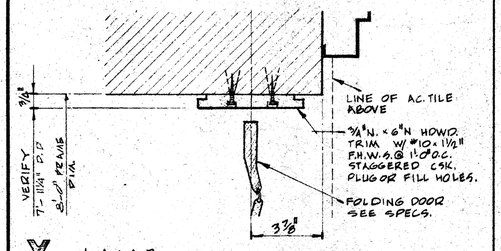

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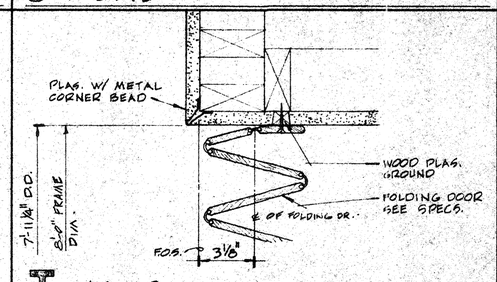

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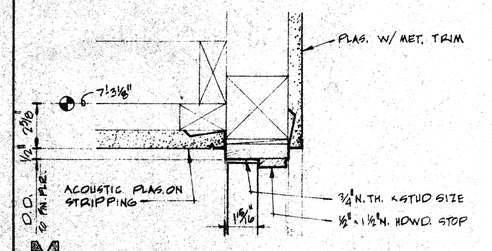

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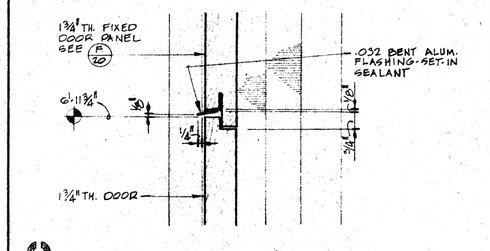

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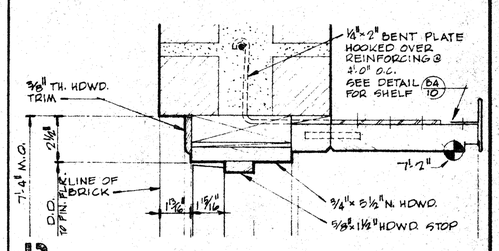
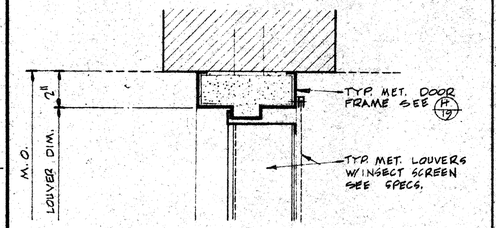


B HEAD



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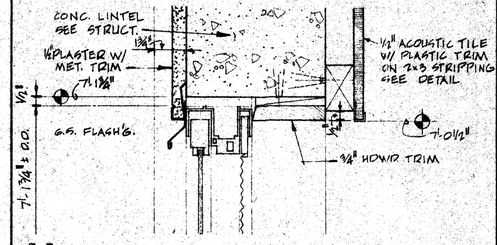

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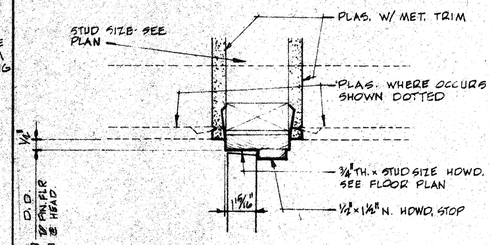

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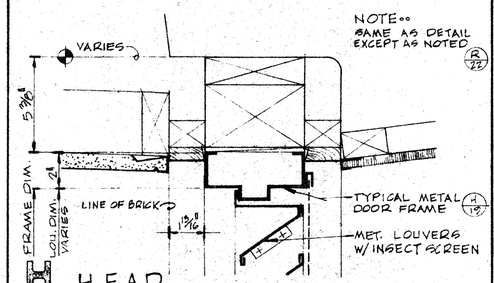

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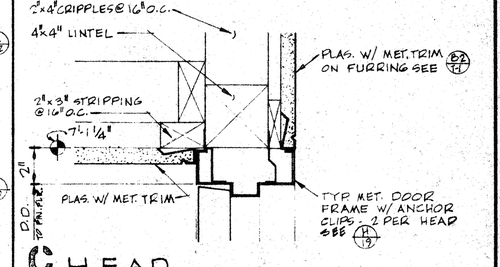

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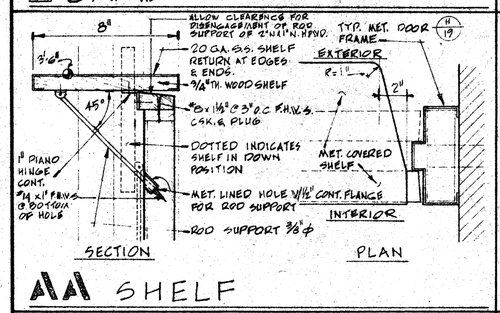

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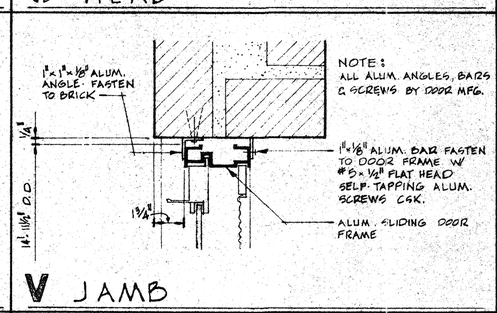

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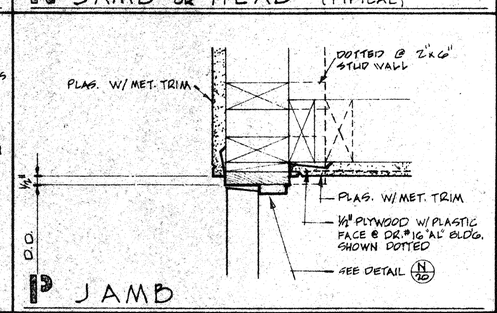

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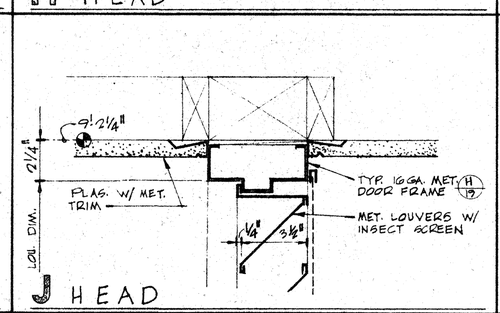

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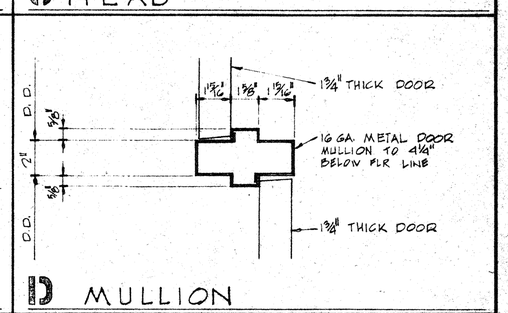

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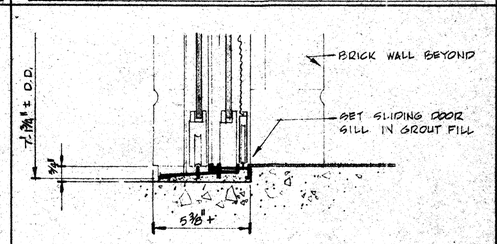
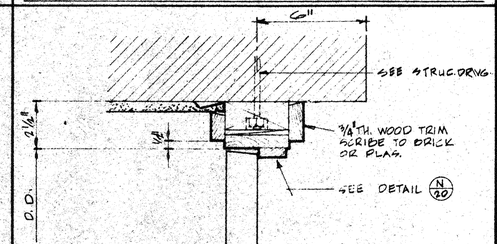


W THRESHOLD



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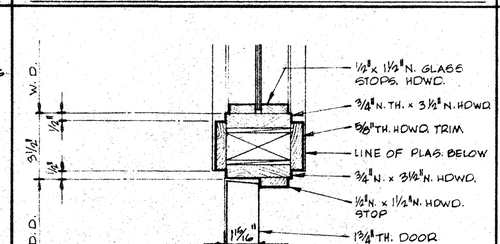

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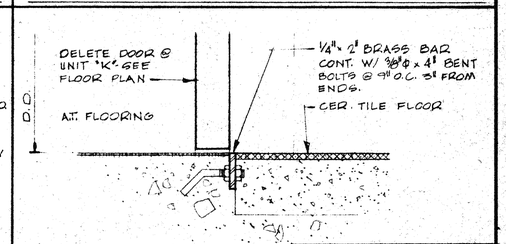


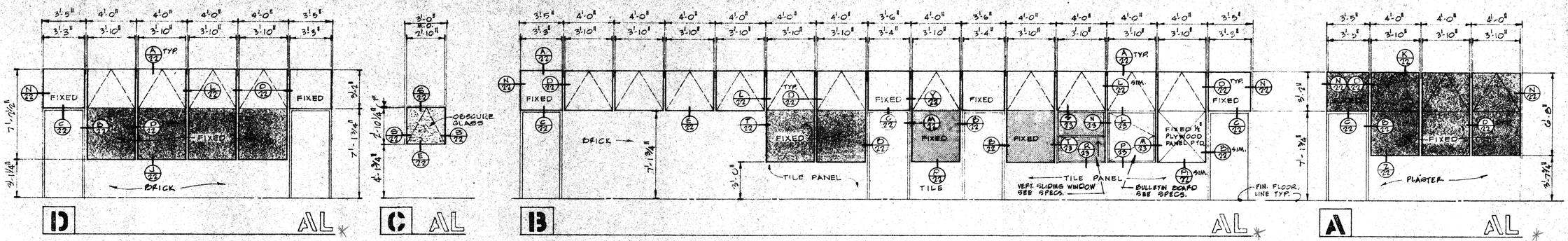
E THRESHOLD

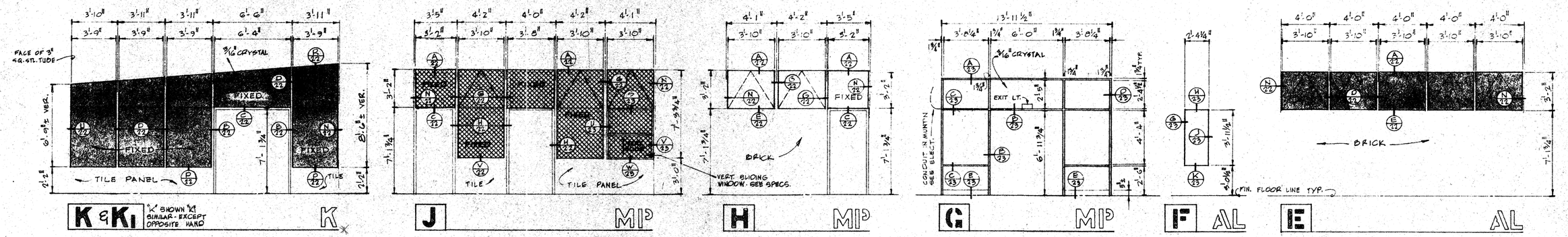
THE SCALE OF ALL DETAILS ON THIS SHEET IS 3" = 1'-0"

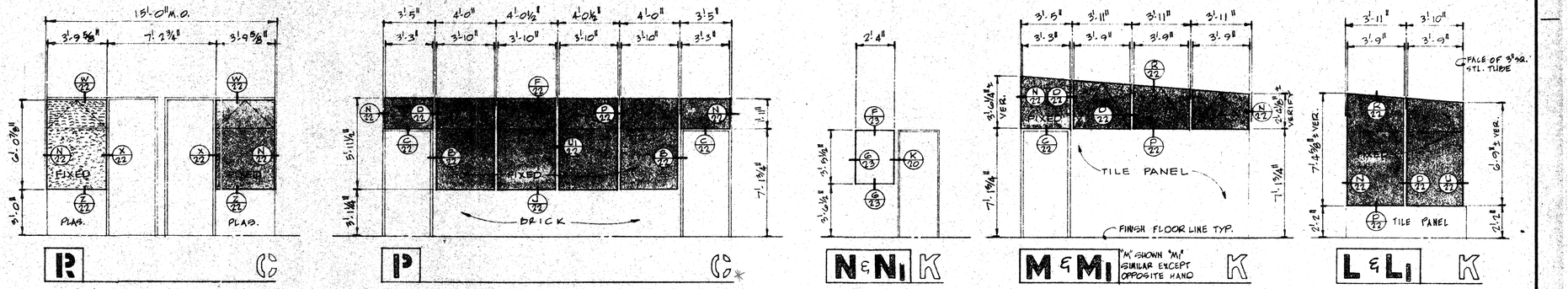
APPROVED
GLENN E. VANCE
STATE ARCHITECT
BY MARSHALL
DATE APR 8 1963

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1963
APPLICATION NO. BY DIVISION OF ARCHITECTURE

APPROVED: Lee B. Kline ARCHITECT	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE	APPROVED: FOR THE DISTRICT Ada Clegg Curtis Chrisman	GOLDENWEST SCHOOL WESTMINSTER SCHOOL DISTRICT FOR THE GOLDENWEST AT HOOD WESTMINSTER, CALIFORNIA	HILLMAN & NOWELL STRUCTURAL ENGINEERS 816 W. 5th STREET MA 4-8748 LOS ANGELES 17, CALIFORNIA	LEE B. KLINE, ARCHITECT, A.I.A. 963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241
ENGINEER	APPL. NO. DATE PRINCIPAL STRUCTURAL ENGINEER				DATE OF DRAWING DRAWN BY DRAWING NO. 20 OF

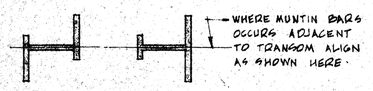






GEN'L. NOTES:

- ALL HEIGHTS ARE FROM FINISHED FLOOR LINE.
- ALL OPERABLE SASH IN THE ADMINISTRATION, MULTI-PURPOSE, & KINDERGARTEN BUILDINGS SHALL BE SCREENED



LEGEND:

- GLARE REDUCING GLASS 7/32" GRAYLITE 14. SEE SPECS.
- GLARE REDUCING GLASS 3/16" LUSTRGRAY. SEE SPECS.
- WIRE GLASS. 1/4" MISCO. POLISHED.
- OPERATING SECTION
- CLEAR GLASS. DOUBLE STRENGTH "B" QUALITY OR 3/16" CRYSTAL GLASS WHERE NOTED.
- OBSCURE GLASS. SEE SPECS.

APPROVED
GLENN E. VANCE
STATE FIRE MARSHALL
BY
DATE APR 8 1983

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1983
APPLICATION NO. Per
PRINCIPAL STRUCTURAL ENGINEER

APPROVED: ARCHITECT
ENGINEER

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
APPL. NO.
DATE PRINCIPAL STRUCTURAL ENGINEER

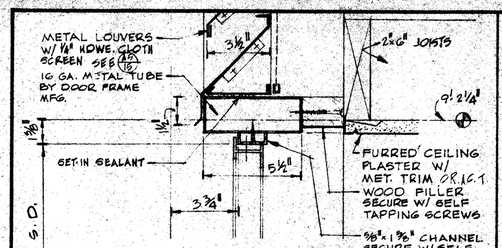
APPROVED: FOR THE DISTRICT

GOLDENWEST SCHOOL
WESTMINSTER SCHOOL DISTRICT FOR THE
GOLDENWEST AT HOOD WESTMINSTER, CALIFORNIA

HILLMAN & NOWELL
STRUCTURAL ENGINEERS
816 W. 5th STREET MA 4-8748
LOS ANGELES 17, CALIFORNIA

LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

DATE OF DRAWING
DRAWN BY
DRAWING NO. 21
OF



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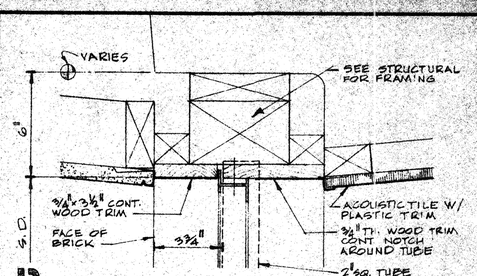

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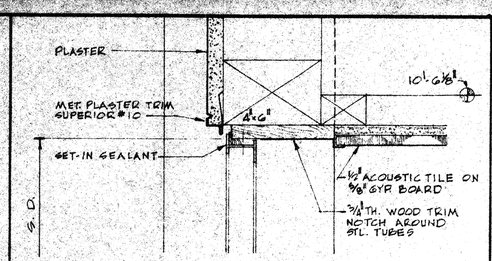

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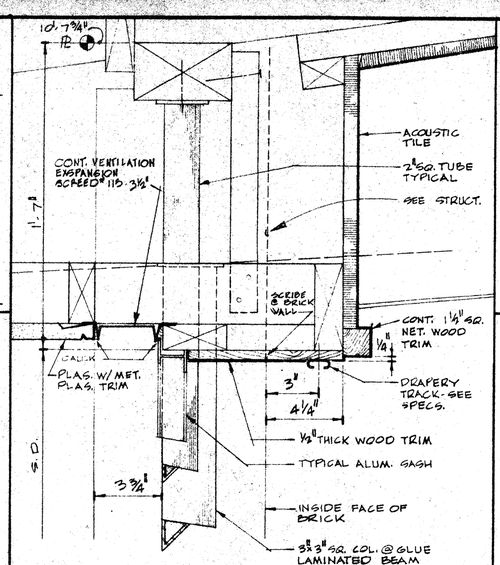
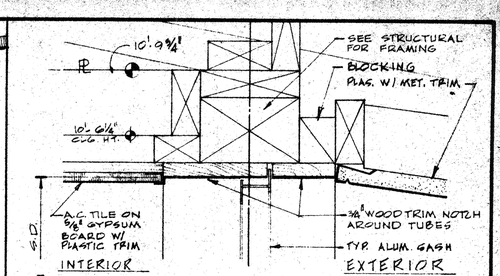


I HEAD @ CLASSROOM



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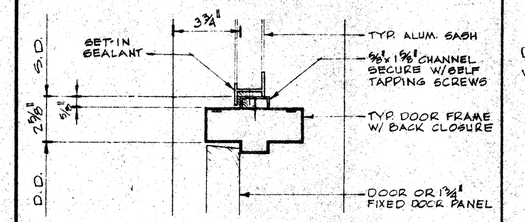

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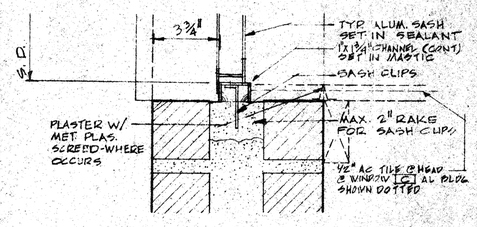

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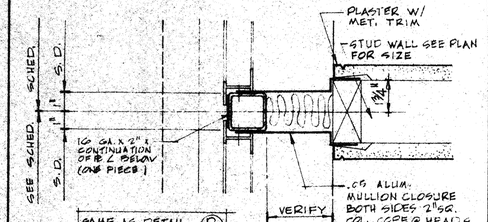

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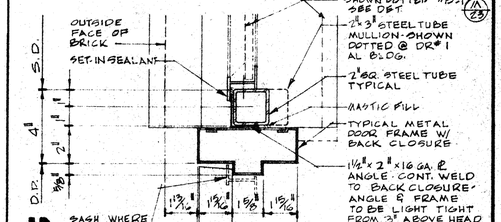


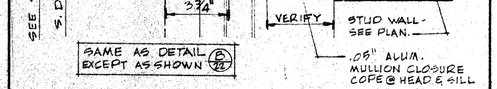
B1 DOOR/WINDOW MULLION



Y MULLION



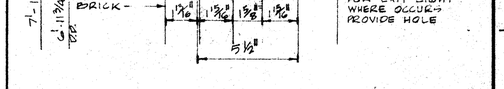
T MULLION



M DOOR/WINDOW MULLION



G MULLION



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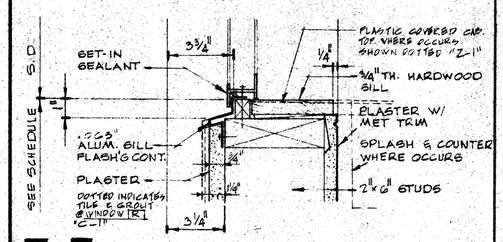

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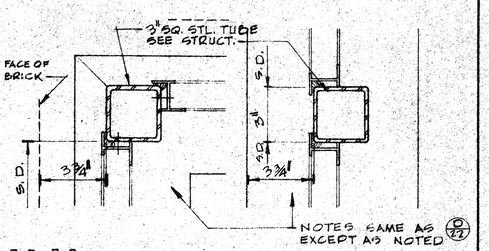

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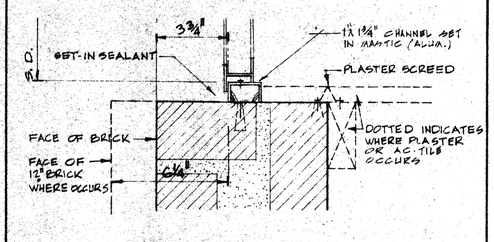

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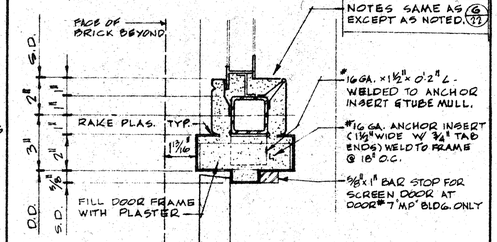
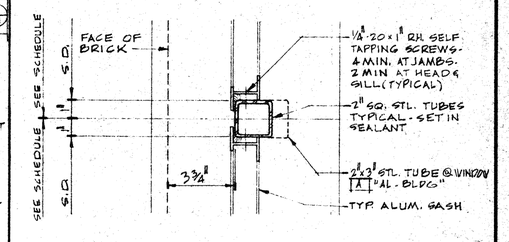


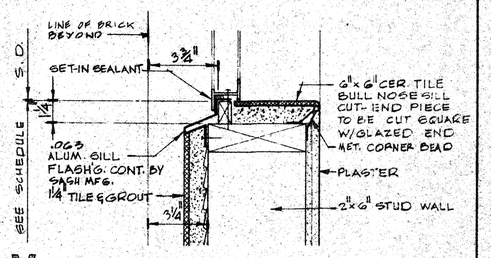
H DOOR/WINDOW MULLION



D MULLION

APPROVED
GLENN B. VANCE
STATE FIRE MARSHALL
BY
DATE APR 8 1963

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1963
APPLICATION NO. FOR



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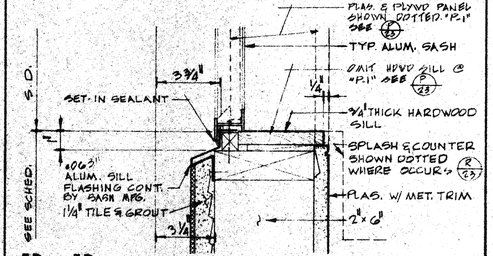

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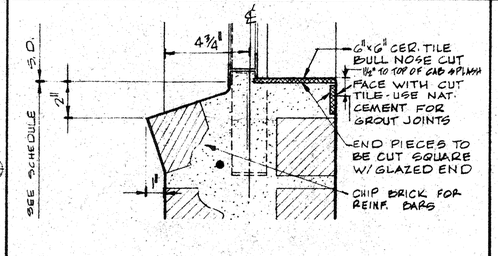
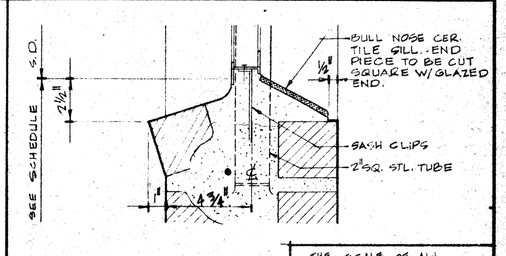


J SILL



E SILL

THE SCALE OF ALL DETAILS ON THIS SHEET IS 3" = 1'-0"

APPROVED: Lee B. Kline
ARCHITECT
ENGINEER

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
APPL. NO.
DATE
PRINCIPAL STRUCTURAL ENGINEER

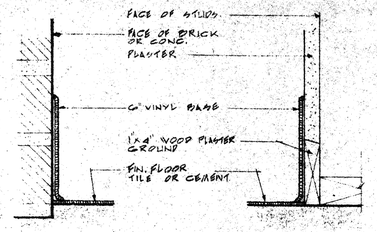
APPROVED: FOR THE DISTRICT
Arthur Gillegg
Curtis Abercrombie

GOLDENWEST SCHOOL
WESTMINSTER SCHOOL DISTRICT
FOR THE
GOLDENWEST AT HOOD
WESTMINSTER, CALIFORNIA

HILLMAN & NOWELL
STRUCTURAL ENGINEERS
816 W. 5th STREET MA 4-6748
LOS ANGELES 17, CALIFORNIA

LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

DATE OF DRAWING
DRAWN BY
DRAWING NO. 22
OF



A VINYL BASE DETAILS

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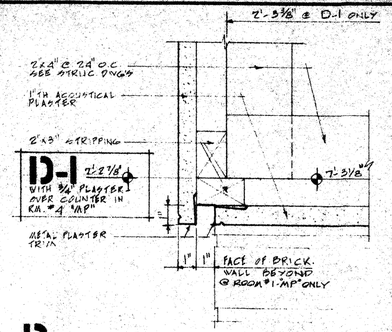
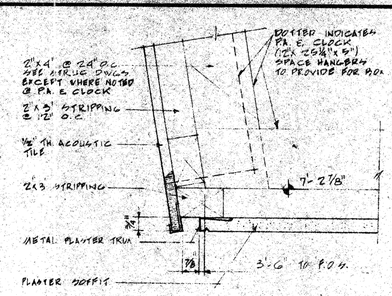


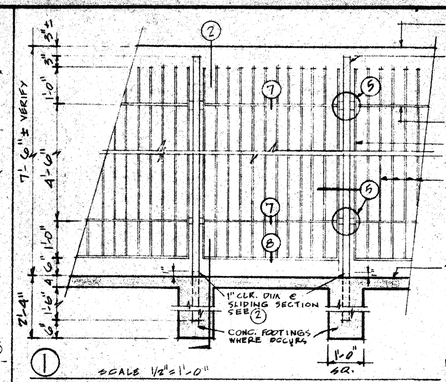
D PLASTER SOFFIT

SCALE 3"=1'-0"

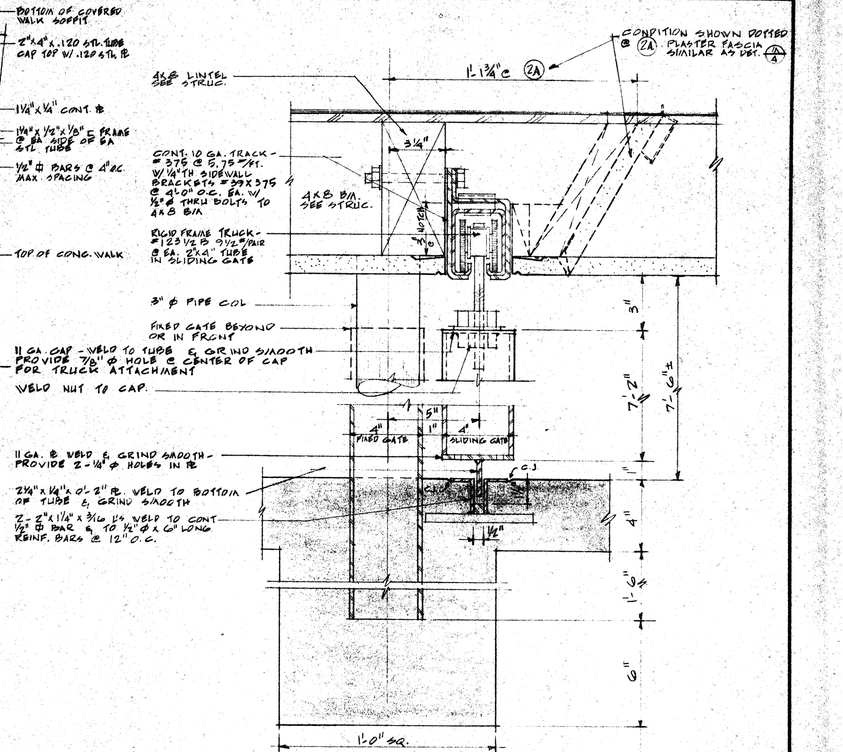


G SOFFIT AT "C" BLDG'S

SCALE 3"=1'-0"



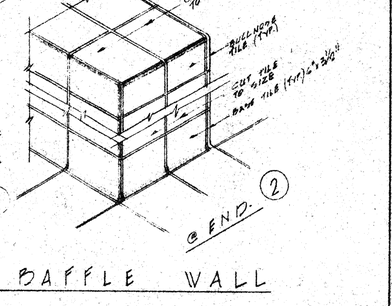
SCALE ½"=1'-0"



2A 2 SCALE 3"=1'-0"

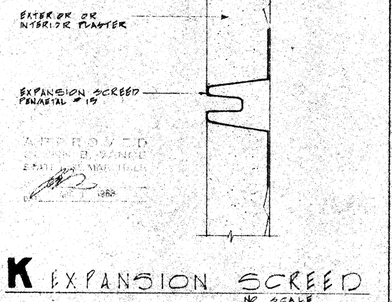
B CER. TILE DETAILS

SCALE 3"=1'-0"



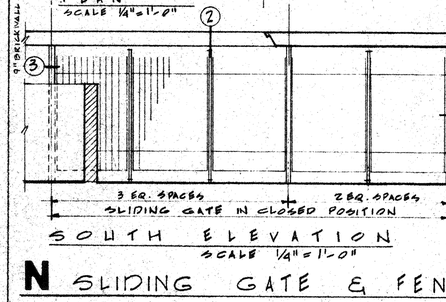
E TYP. A.C.T. SOFFIT

SCALE 3"=1'-0"



H AC. TILE FURRING

SCALE 3"=1'-0"



M SOFFIT @ "K" BLDG.

SCALE 3"=1'-0"

C ISOMETRICS OF BAFFLE WALL

F SOFFIT AT "K" BLDG.

SCALE 3"=1'-0"

J AC. TILE FURRING

SCALE 3"=1'-0"

K EXPANSION SCREED

NO SCALE

3 SCALE 3"=1'-0" | 4 SCALE 3"=1'-0" | 5 SCALE 3"=1'-0" | 6 SCALE 1½"=1'-0" | 7 SCALE 3"=1'-0"

8 SCALE 3"=1'-0"

N SLIDING GATE & FENCE @ ENTRANCE TO SCHOOL

GENERAL NOTES

- ALL WELDS TO BE GROUND SMOOTH & ALL DEFECTS TO BE FILLED
- ENTIRE ASSEMBLY TO BE HOT DIPPED GALVANIZED AFTER FABRICATION.

APPROVED: _____ ARCHITECT _____ ENGINEER

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE — APPL. NO. — DATE — PRINCIPAL STRUCTURAL ENGINEER

APPROVED: FOR THE DISTRICT — Adda Clegg — Curtis Blum Jr.

GOLDENWEST SCHOOL
WESTMINSTER SCHOOL DISTRICT FOR THE
GOLDENWEST AT WOOD — WESTMINSTER, CALIFORNIA

HILLMAN & NOWELL
STRUCTURAL ENGINEERS
816 W. 5th STREET MA 4-8748
LOS ANGELES 17, CALIFORNIA

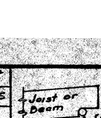
LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

BK — DATE OF DRAWING — DRAWN BY — DRAWING NO. T1 — OF

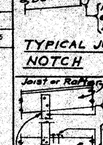
TYP BRICK WALL REINFG

THICKNESS	HORIZ. STL.	VERT. STL.	REMARKS
7½"	#4@22"oc.	#4@20"oc.	℄ wall
9"&9½"	#5@22"oc	#5@22"oc	℄ wall
12"	#4@20"oc EA FACE	#4@20"oc EA FACE	2 LAYERS

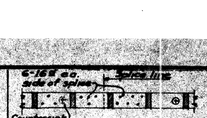
P TYPICAL JOIST NOTCH



Q TYP CEILING JOIST HANGER

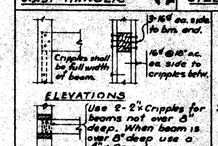


R SPECIAL CONDITION SILL SPLICE

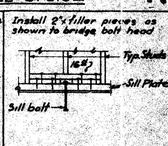


This detail required when either "a" or "b" dim. is greater than 9" See Timber Note ③

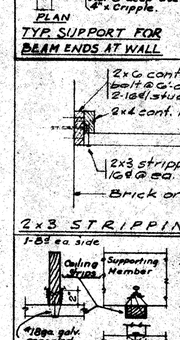
S TYP. SUPPORT FOR BEAM ENDS AT WALL



T DETAIL WHEN STUD OCCURS OVER ANY PART OF SILL BOLT



U 2x3 STRIPPING CONN. @ WALL



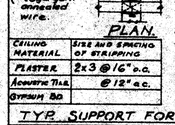
NOTE FOR PLASTERED CEILINGS
Install wire ties at 4'-0" c.c. along ea. ceiling strip as follows:- Drive one 8d nail ea. side to 1½" penetration and slanted down. Saddle tie stripping with 16 ga. galv. annealed tie wire. Take a min. of three twists around head of ea. nail. In lieu of 2-8d shown, one 16¢ pen. strahing thru the joist may be used.

See Nailing Schedule, item 10, for typ. nailing of stripping. Note that wire tie ends are not required if STRONGHOLD NAILS are used as scheduled. Predrill for nails at joints to prevent splitting.

CEILING MATERIAL	SIZE AND SPACING OF STRIPPING
PLASTER	2x3 @ 16" o.c.
ACOUSTIC TILE	@ 12" o.c.
GYPSUM BD	

V TYP. SUPPORT FOR CEILING STRIPS.

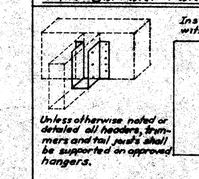
W



Install all hangers in strict accordance with Manufacturer's Specifications.

TYPICAL JOIST HANGERS.

X TYP. PLYWOOD ROOF SHTG. DETAILS



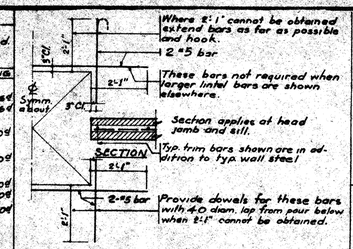
NAILING SCHEDULE

Connections listed are minimum permissible. All nails shall be common wire nails unless otherwise noted. Where possible nails driven perpendicular to the grain shall be used instead of the nails.

DETAIL	FASTENING
1-Joists or rafters to sides of studs.	
Joists or less	3-16¢
For ea. additional 4" in depth or less	1-16¢
2-Joists or rafters at all bearings	
Toe nails ea. side	2-10¢
3-Studs to bearings	
Toe nails ea. side	2-10¢
4-Blocking between joists or rafters	
To joist or rafter - Toe nails ea. side, ea. end	2-10¢
To joist or rafter bearing - Toe nails ea. side	2-10¢
5-Blocking between studs - Toe nails ea. end	2-10¢
(8-16¢ end nails may be used at either or both ends in lieu of toe nails when feasible)	
6-Sheathing at all bearings	
1" x 6"	2-8¢
1" x 8"	3-8¢
Plywood (at all edges	6¢@6"oc.
(at all interior supports	6¢@12"oc.
7-Diagonal sheathing at all ends	
1"x 6"	3-8¢
1"x 8"	4-8¢
8-Cross bridging between joists or rafters	
Toe nails ea. end	2-8¢
9-Herringbone blocking, ea. end	2-16¢
10-Ceiling strips to under side of joists, per bearing	
1"x3" - one straight and one slant	2-8¢
2"x3" " " " "	2-16¢
1¢ Nail x 3" " " " "	2-10¢
In lieu of common wire nails "Stronghold" (annularly grooved) nails may be used as follows:- (For spans 24" max.)	
1"x3"	2-8¢
1¢ Nail x 3	1-16¢
2"x3	1-16¢
At plastered ceilings refer to V	
11-Risers to studs	
1" ribbons	2-8¢
2" ribbons	2-16¢
12-Double Top Plates	
Lower plate to top of stud	2-20¢
Upper plate to lower plate - staggered	16"@16"
Upper plate to lower plate - at intersection	3-16¢
13-Multiple Studs - Stagger where possible	16"@12"
14-Built up Beams	
10" or less in depth - staggered	16"@12"
More than 10" deep - staggered (bolts)	& @ 24"
15-Double Joists under Partitions	
Where not blocked apart - staggered	16"@12"
Where blocked apart - at ea. block ea. side	2-16¢

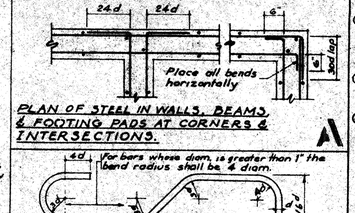
Note:- Details shall govern in all cases when their nailing requirements are more stringent than the above schedule.

TYPICAL STUD WALL CORNERS AND INTERSECTIONS. J

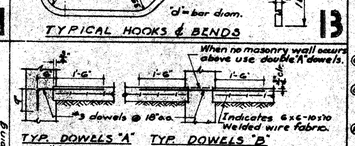


TYPICAL TRIM BARS AT BRICK OPENINGS H

TYPICAL HOOKS & BENDS B

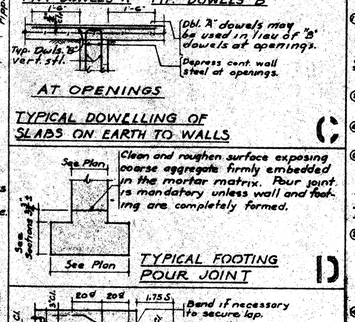


TYP. DOWELS "A" TYP. DOWELS "B"

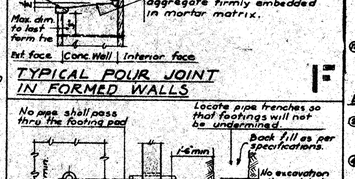


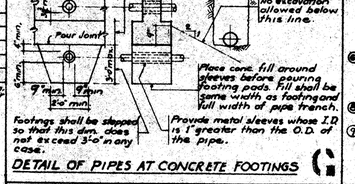
AT OPENINGS

TYPICAL DOWELLING OF SLABS ON EARTH TO WALLS C







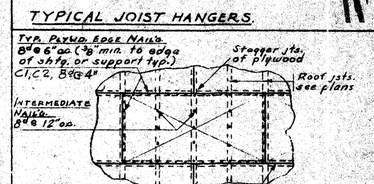


LINTEL SCHEDULE

BEARING WALLS		NON-BEARING WALLS	
OPENING WIDTH	LINTEL SIZE	OPENING WIDTH	LINTEL SIZE
3'-6" or less	2-2x6	3'-0" or less	2-2x4
3'-6" to 7'-2"	6x6	5'-0" to 6'-6"	2-2x6

Typ. Dbl.-L-Grip at top & bottom, ea. side, for full ht. studs in interior walls
Studs & Cripples @ 16"o.c.
2-16¢ for ea. 3" in Lintel depth. See lintel schedule above
Two cripple studs when lintel is larger than 6x6 otherwise one.
One full stud for interior non-bearing partitions
Two full studs for all exterior wall openings and for interior bearing partitions with lintel span over 3'-0"
Dbl-L-Grip for 3'-6" to 7'-2" opngs.

TYPICAL LINTEL END DETAIL L



GENERAL NOTES

SOIL CONDITIONS

Compacted fill. See soil report by Leroy Crandall and Associates, February 20, 1958.

① Soil supporting footings is Crandall defined as
② Soil bearing value for use in design assumed to be 1500 #/s.f. DnL
③ Footings shall extend at least 12"-0" below finish grade, or Floor level whichever is lower.

REINFORCED CONCRETE

① No brick or porous material shall be used to support footing steel off the ground
② All concrete shall have a min. ultimate compressive strength of 2000 psi at 28 days unless otherwise noted.
③ Anchor bolts and dowels shall be securely held in place before concrete is poured.
④ Splices in reinforcing steel shall lap 30 bar diam. min. for all bars, including column steel. At splices and laps bars shall be separated 2½ diam. o.c. min. but in no case shall the separation be less than 1½" clear. However column bars may be separated 1" min. and wall bars may be mitred together.
⑤ Reinforcing steel shall have min. protective conc. covering as given below.

	WALL STEEL BELOW GRADE	WALL STEEL ABOVE GRADE
On dirt side when poured against dirt	3"	In all cases 1½"
On dirt side when formed	2"	
On side away from dirt	1½"	

OTHER ITEMS	
Footing Pads	Tied Columns (to main steel) 1½"
Slabs on Terra	Spiral Columns (to main steel) ¾"
Joists (sides, tops, soffits) ¾"	Beams & Girders (sides, tops, soffits) 1½"

⑥ Slabs on earth other than walks shall be reinforced with 6"x6"-10¢x10 Welded Wire Fabric located at mid-depth of slab.
⑦ Dowel slabs to walls and other edge members as per typical details.
⑧ See Architectural and/or Mechanical Drawings for location of pipes, vents, ducts and other similar openings.
⑨ All walls shall be doweled to supporting footings, beams, pads, etc. with bars of the same size and spacing as the vertical bars in the wall.
⑩ Anchorage of dowels shall be the equivalent of a bar splice.
⑪ Wall footing pads not otherwise detailed shall be 10" thick and 1'-2" in width and reinforced as per typical details.
⑫ Unless otherwise detailed, reinf. steel in continuous beams and spandrels shall have the top steel spliced at mid-span and the bottom steel spliced over supports. At discontinuous ends the top steel shall be bent down 12 diameters or 12" minimum, whichever is greater.

STRUCTURAL STEEL

① When stress is not given, and/or details are not shown design connections for members carrying direct stress to develop the strength of the members.
② AISC standard beam connections or connections of equal strength shall be used for all beam connections not shown.
③ Base plates shall be bedded on drypack grout of 1" min. thickness.
④ All welding shall be done by the electric shielded arc process.
⑤ All bolted connections no bearing on threads will be permitted. To avoid such bearing washers or their equivalent shall be used.
⑥ The following structural steel items shall be tested:- 16 WF 36, 12 WF 36, 12 WF 27, 6 WF 25, 14 B 22, 12 B 14, TG's flanges & webs.

TIMBER

① All framing lumber shall be grade marked Douglas Fir. See Specifications.
② Sill plates shall be treated Douglas Fir unless otherwise noted. All sills for exterior, bearing & shear walls shall be set on a min. of 1" dry-pack.
③ Sill plates shall be bolted to concrete with ⅝"ø x 12" bolts at 4'-0" o.c. max. unless otherwise noted. At all corners, intersections, door openings, sill ends and wherever any cut or notch in the sill exceeds ⅓rd the sill width, place a bolt not over 6" from the notch or end of the sill piece. Should a special condition arise where the bolts are not spaced within the 9" noted above the sill may be spliced as shown in detail ⑤.
④ Joists and rafters shall be spliced at supports only unless otherwise detailed. Splices shall lap not less than 1'-0" min. and be spiked together with 3-16¢ min.
⑤ Two inch solid blocking shall be placed between all joists and rafters at all points of support and under all partitions running across joists, unless otherwise detailed.
⑥ 2x3 cross bridging shall be placed between joists or rafters where spans exceed 6'-0". Bridging members shall be set ½" clear from top and/or soffit of joists or rafters. The distance between lines of bridging and between bridging and wall shall not exceed 8'-0". Cross bridging is not required for roof and ceiling joists 8" and under in depth.
⑦ All bolts shall be fitted with standard cut washers
⑧ Holes for bolts in timber shall be bored with a bit whose diam. is 1/32" larger than the nominal bolt diam.
⑨ Double top plates on all exterior and bearing partitions (not otherwise detailed) shall lap 4'-0" min. at splices and have 8-16¢ min thru lap.

BRICK MASONRY

① See specifications for brick, morter & grout. Lap all reinf. bars 40 diam. at splices.
② All isolated bolts embedded in masonry shall be grouted solidly in place with not less than 2" of grout surrounding the bolt.
③ Vertical bolts shall be placed 4" in from the face of the masonry and shall be set inside any horizontal ties occurring at the tops of piers and columns.
④ Clusters of bolts shall be grouted as a unit with a min. of 2" of grout surrounding all bolts. Minimum spacing between bolts in clusters shall be 8 diameters.
⑤ Wood and/or steel members anchored to the face of masonry walls and supporting vertical loads, shall be backed up with concrete or grout for the full length and depth of the member. Size, spacing and placement of anchor bolts will be found on the structural details.
⑥ Rafters, joists or solid blocking when bolted to walls parallel thereto shall be bolted up with concrete or grout as noted in ④ above, or each bolt shall be grouted as an isolated bolt in ④ above.
⑦ At all corners and intersections single curtains of horizontal steel shall be treated as noted in ⑤ except lap bars 40 diam.
⑧ Locate and bolts capturing wood members (which support vertical loads) within 12" of the end of the member.
⑨ Contractor shall provide story pole for architects approval before beginning brick work.

LEGEND

New Concrete in Section.	Continuous Wood Member.	100'-0" Elevation bottom of footings.
Existing Concrete in Section.	Wood Blocking	④ DETAIL NUMBER / SHEET NUMBER
Elevation at point indicated.	Brick in Section	Indicates Footing Step
		W.W.F. = Welded Wire Fabric.
		TRG = Timb-A-Grip
		N.S. = NELSON STUD

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
23516 APPLICATION FILED — 1963
APPROVED: [signature] DIVISION OF ARCHITECTURE

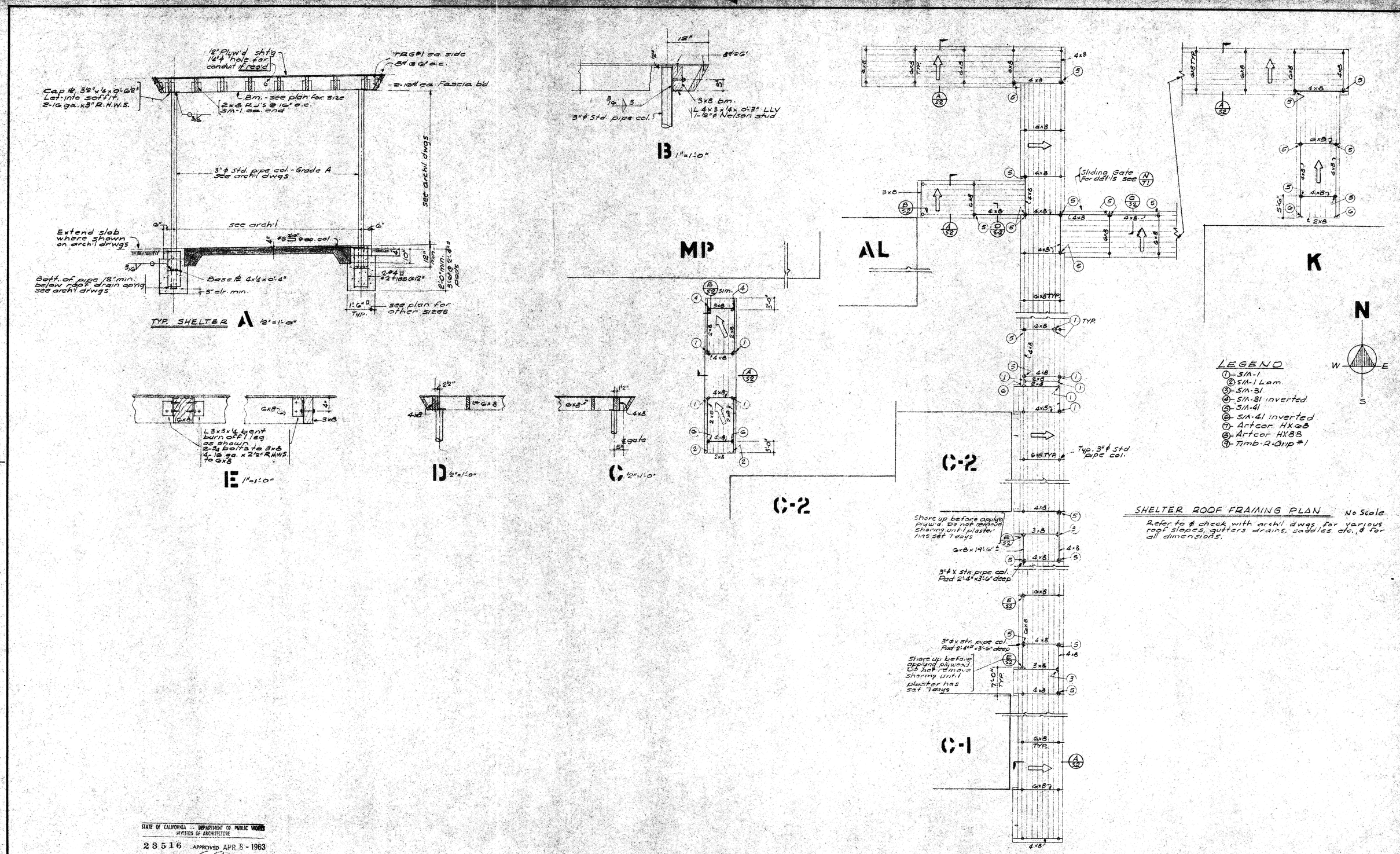
APPROVED: ARCHITECT	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE	APPROVED: FOR THE DISTRICT
ENGINEER [signature]	APPL. NO. / DATE / PRINCIPAL STRUCTURAL ENGINEER	[signature]

GOLDENWEST SCHOOL WESTMINSTER SCHOOL DISTRICT FOR THE GOLDENWEST AT HOOD WESTMINSTER, CALIFORNIA

HILLMAN & NOWELL STRUCTURAL ENGINEERS 816 WEST 5TH ST. LOS ANGELES 17

LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

DATE OF DRAWING — DRAWN BY FENTON — DRAWING NO. S-1 OF



STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1963
APPLICATION NO. Per E. Maag
PRINCIPAL STRUCTURAL ENGINEER

APPROVED:	APPROVED:	APPROVED: FOR THE DISTRICT			
Lee B. Kline ARCHITECT ENGINEER Lawrence Nowell	STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE APPL. NO. DATE PRINCIPAL STRUCTURAL ENGINEER	Ada Clegg Curtis Glenn Jr.	GOLDENWEST SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT GOLDENWEST AT HOOD WESTMINSTER, CALIFORNIA	HILLMAN & NOWELL STRUCTURAL ENGINEERS 816 WEST 5th ST. LOS ANGELES 17	LEE B. KLINE, ARCHITECT, A.I.A. 963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

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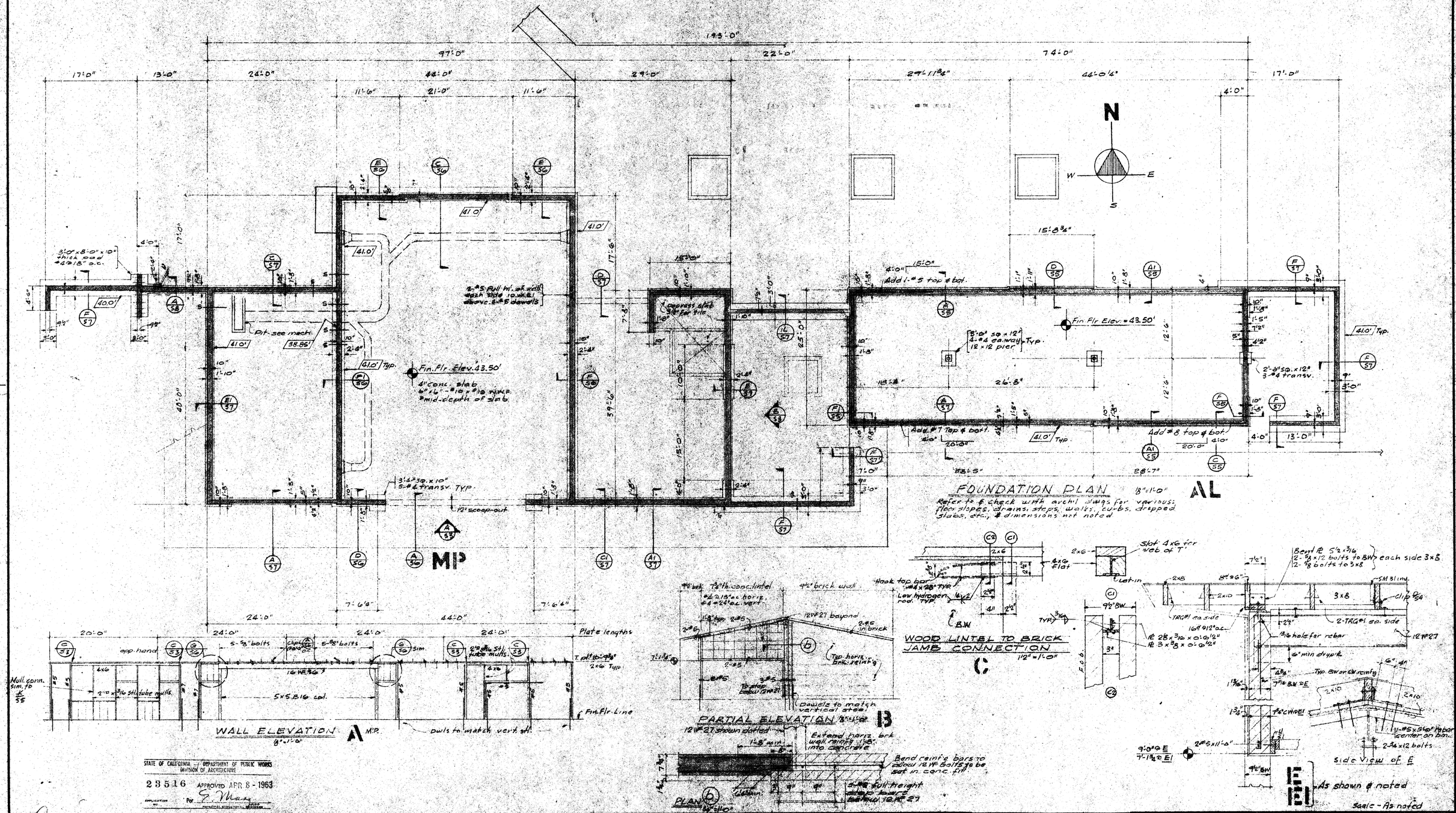


STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1963
APPLICATION NO. For E. Marg PRINCIPAL STRUCTURAL ENGINEER

APPROVED: ARCHITECT Lee B. Kline ENGINEER Lawrence Newell

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
APPL. NO. ____ DATE ____ PRINCIPAL STRUCTURAL ENGINEER

APPROVED: FOR THE DISTRICT

GOLDENWEST SCHOOL
WESTMINSTER SCHOOL DISTRICT FOR THE
GOLDENWEST AT HOOD
WESTMINSTER, CALIFORNIA

MILLMAN & NOWELL
STRUCTURAL ENGINEERS
LOS ANGELES 17

LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

DATE OF DRAWING: Feb. 1963
DRAWN BY: FENTON
DRAWING NO. S-3 OF

MP-AL

NOTE:
Shore corners before nailing plywd. roof sht'g. Do not remove shoring until plaster soffit has set 7 days.

Provide blocking between stripping & soffits all corners

198'-0"

18'-0" | 26'-0" | 44'-0" | 32'-0" | 22'-0" | 74'-0"

F.O.B. | F.O.B. 3'-0" | E.O.B. 3'-0" | F.O.B. 3'-0" | F.O.B. | F.O.B.

N W E S

Typ. chord splice 2-6 x 8'-0" long 16-10d each side

2"D x 3/16 stl. tube mullions

2-clip L's

2x6 cont. nailer

2x3 cross bridging - Typ.

2x6 ¢ 4x6 cont. pls

2-clip L's ¢ 1-3/4 x 12 bolt

2x6 ¢ Int.

2-clip L's ¢ 2-3/4 x 12 bolts

2x5 x 1/4 stl. tube

2x8 x 3/16 stl. tube TYP.

12B14 | 14B22 | 14B22

3"ø std. pipe col. Typ.

3/4" thru bolts as shown

2x6 ¢ 4x6 cont. pls.

2"D x 3/16 stl. tube mullions

2-clip L's ¢ 1-3/4 x 12 bolt

2x10 RJ @ 24" o.c. Shp'd @ eave

SM-41 JH Inv.

2x6 x 8'-0" Scab. 13-10d ea. end.

GW#25

2x6 ¢ Int.

2x8 @ 24"

GW#28

GW#25

Typ. 2x3 cross bridging

T.S.G.#2

T.S.G.#1

2x10 RJ @ 24" o.c.

2x8 blkg @ 4'-0" o.c.

12 WF 27

12 WF 30

10 WF 21

3/4" ø thru bolts @ 2'-0" o.c. Typ.

3/4" ø thru bolts as shown

2x6 blkg @ 4'-0" o.c.

2x10 shp'd cut/blkg @ 24" o.c. (16" min. long pieces)

2x6 Int.

2x6 bm.

2-clip L's ¢ 3-3/4 x 12 bolts

1-clip L ¢ 1-3/4 x 12 bolt

2"D x 3/16 stl. tube mullions

4x6 bm.

TYP.

Typ. 1/2" Plywd Str'g. see

16 WF 36 S=58.16 col.

2x10 shp'd cut/blkg @ 24" o.c. (16" min. long pieces)

2-clip L's ¢ 3-3/4 x 12 bolts

4x10 strut

4x10 sill

2x6 Blkg

2x6 Int.

2x8 pl.

Unless noted framing same as ¢ 57

Typ. corner framing

MP

AL

ROOF FRAMING PLAN

scale 1/8" = 1'-0"

Refer to & check with archl. dwgs for various roof slopes, gutters, vents, saddles, etc., & dimensions not shown.

¢ symm. about

Flanges 8" x 1/2"

web 1/4"

14" stiff. ¢

butt stg. only

Welds same as app. end welds

3'-6" | 13'-10" | 22'-0" | 10'-10" | 3'-6"

43'-8"

TG 2 | TG 1 | TG 2 | TG 1

TAPERED STEEL GIRDER #1 & #2

scale 3/8" = 1'-0"

A

4x10 strut see D

Typ. web splice T.S.G.

14" ø fitted stiffener ¢ on side, bracing see ¢ 54

TSG#1 or #2

Typ. flange splice full penetration

B

1" = 1'-0"

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS — DIVISION OF ARCHITECTURE

23516 APPROVED APR 8 - 1963

APPLICATION NO. | By E. Mary

Base ¢ 4'2 x 3/8 2-3/4 x 12 bolts

TSG#2

Typ. 3/16 x 3

Typ. 1/4

2-3/4"

2"

3/16

L 3 x 3 x 3/16 2-3/4 bolts

3x6

2x6

8 x 1/4 end ¢

TSG#1

2"2"ø std. pipe col.

2x6 ¢ M. N. at 2'-6" o.c. 2-3/4 x 6 bolts ea.

15'-0"

3'7" M.O.

C

3/4" = 1'-0"

K

3/4" = 1'-0"

4x10 strut (2x10 RJ @ ¢ T.S.G.)

Clip L

L 5 x 3 x 1/2 x 1'-3 1/2" L.L.V. 4-1/2"ø bolts to 12 J. 1-5/8"ø Nelson stud to T.S.G.

Butt 4x10's

1/4" x 3 1/2"

2x10 blkg Typ. 3x10 @ ridge

4x10 strut (2x10 RJ @ ¢ of T.S.G.)

2x6 cont. nailer

16 WF 36

9 1/2" brick wall beyond

Nelson stud to T.S.G.

L 3 x 3 x 1/4 1-5/8"ø bolt to 4x10 1-5/8"ø bolt to T.S.G. (omit L's @ 2x10 RJ @ T.S.G.)

2" | 2"

Equal | Equal

NOTE:
Strut & L's to be installed @ same time T.S.G. are erected. General contractor to provide adequate bracing until after roof is in place.

TYPICAL ERECTION BRACE AT 4x10 STRUTS

D

12" = 1'-0"

End of 4x10 strut | Face of brick

7 1/2"

Typ. clip L

2x6 cont. nailer

16 WF 36

9 1/2" brick wall beyond

4x10 STRUT TO 16 WF 36

E

12" = 1'-0"

1/4" ø hole in web for #6 x 5'-0" rebar centered on T.S.G.

2x6 cont. nailer 4-3/4"ø bolts (total)

End ¢ sect. T.S.G.#1

12 WF 36 End ¢ 6 1/2" x 1/4 weld, same as C 54

#7 x 5'-0" dowel on T.S.G.

Brick grout or conc.

2-3/4" ø x 10" anchor bolts (dbl. nuts)

Shore up bm. & T.S.G. & brick up wall around

9 1/2" brick wall

H

3/4" = 1'-0"

4x10 strut

2x10 lookout 10'-0" long S-16d each end to strut.

2x6 cont. nailer (use 22d stk.gs) for bolting - see C 56

+15'-5 3/4" Top plt

12 WF 27 set on drypak 2-3/4" x 14" anchor bolts dbl. nuts

Brk. wall

1'-0" | 2'-6"

G

3/4" = 1'-0"

1'-0" wide pack sd. Fill with conc. after bms. are erected.

9 1/2" BW below

12 WF 27

Roof outline

5"

Top BW

#5 x 5'-0" rebar thru web T.S.G.#1

2-7/8" bolts

End ¢'s, weld same as C 58

T.S.G.#1

Shore up bm. & T.S.G. & brick up wall around

2-3/4" x 12 anch. bolts (dbl. nuts)

12" min. height

12 WF 27

PLAN 1" = 1'-0"

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

OFFSET END CONN. 12 WF 27 TO TAPERED STL. GIRDER

F

Scale - As noted

APPROVED: ARCHITECT Lee B. Kline | ENGINEER Lawrence Nowell

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE — APPL. NO. — DATE — PRINCIPAL STRUCTURAL ENGINEER

APPROVED: FOR THE DISTRICT Ada Belle Legg Supt. of Schools

GOLDENWEST SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT
GOLDENWEST AT HOOD WESTMINSTER, CALIFORNIA

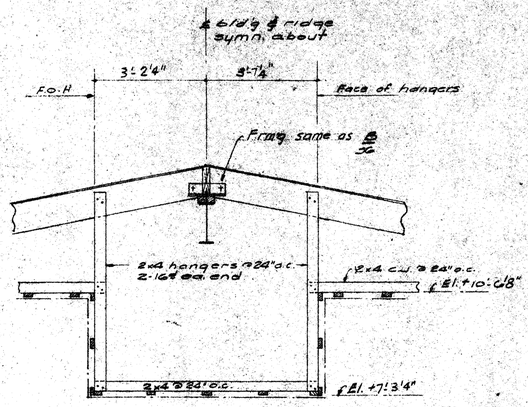
NILLMAN & NOWELL STRUCTURAL ENGINEERS

LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

DATE OF DRAWING FEB. 63 | DRAWN BY FENTON | DRAWING NO. S-4 | OF

MP-A1

28



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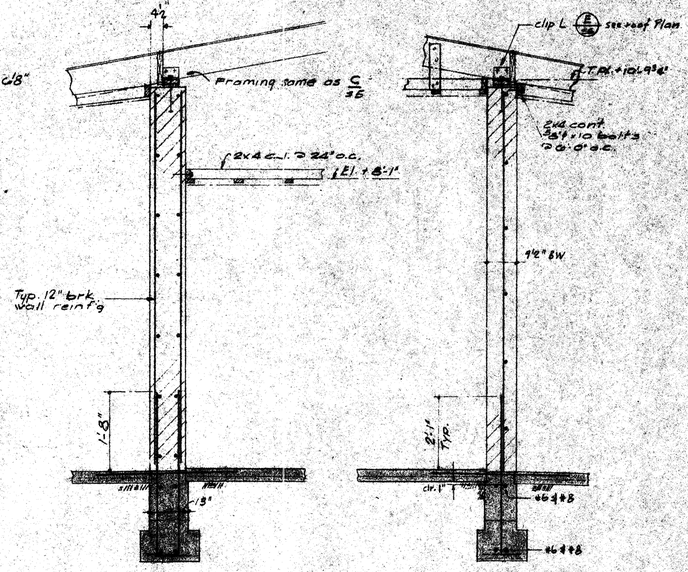

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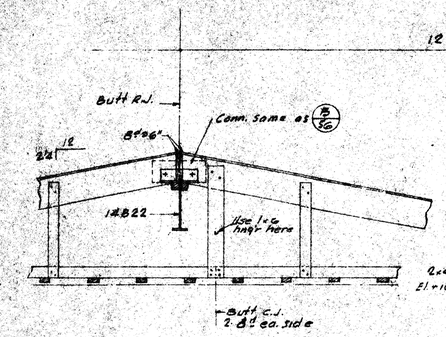

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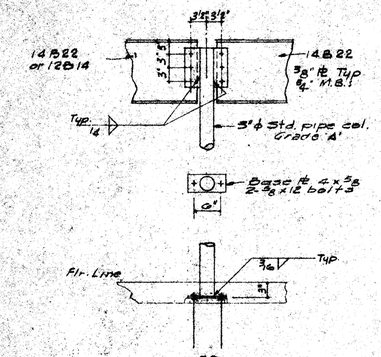
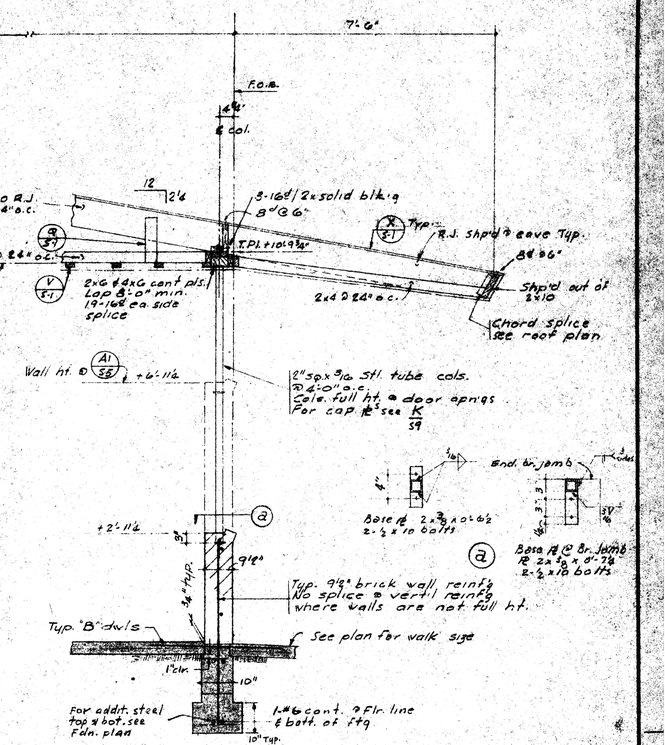


R

INTERIOR BEAM CONNECTIONS

Scale 3/4"=1'-0"

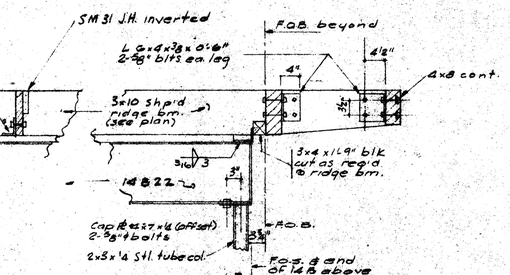


A

As shown

A1

As noted



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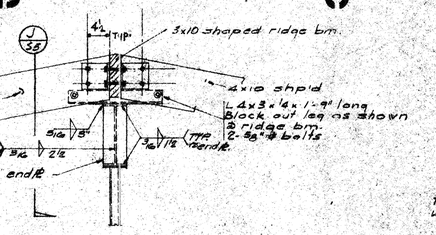

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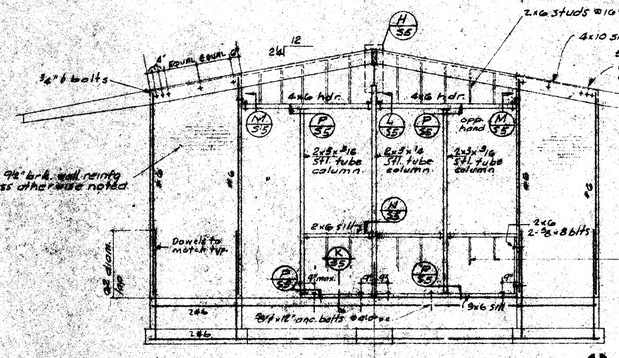
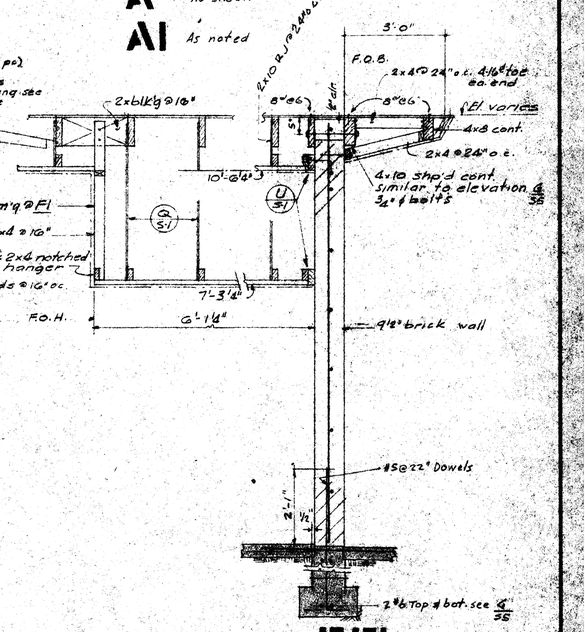


G

END WALL ELEVATION

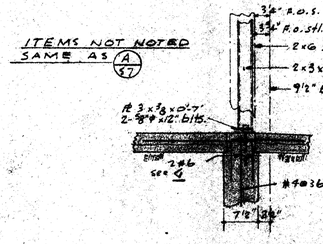
Scale 1/4"=1'-0"



FF1

As shown & noted

ITEMS NOT NOTED SAME AS A/S7



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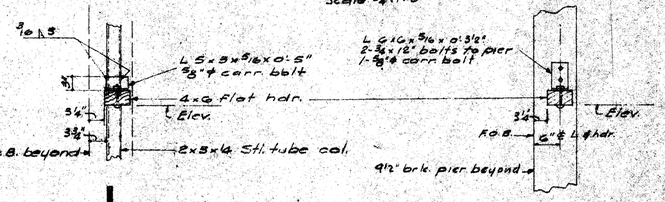
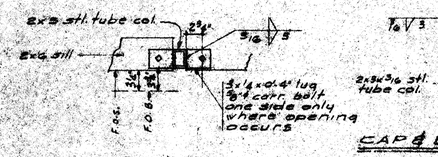


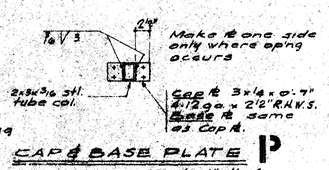
L M

3/4"=1'-0"



N

1"=1'-0"



CAP & BASE PLATE P

Scale 1"=1'-0"

Scale ¼"=1'-0" unless otherwise noted

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1963
APPLICATION NO. Per E. Kluey PRINCIPAL STRUCTURAL ENGINEER

APPROVED: ARCHITECT Lawrence Howell ENGINEER

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
APPL. NO. DATE PRINCIPAL STRUCTURAL ENGINEER

APPROVED: FOR THE DISTRICT Adair Ellery Santa Ana, California

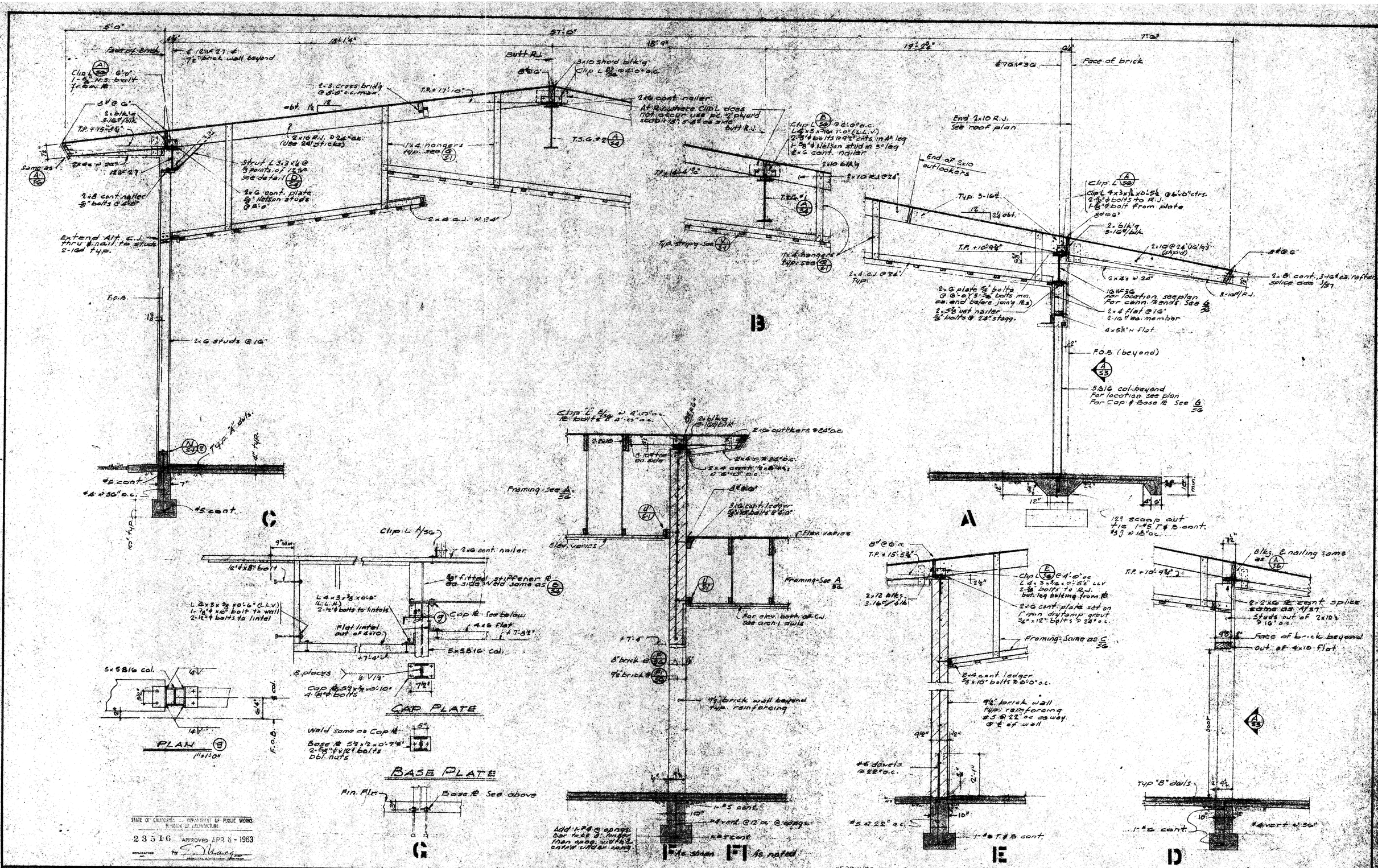
GOLDENWEST SCHOOL
WESTMINSTER SCHOOL DISTRICT
GOLDENWEST AT HOOD
FOR THE
WESTMINSTER, CALIFORNIA

HILLMAN & NOWELL
STRUCTURAL ENGINEERS
816 W. 5th STREET MA 4-5738
LOS ANGELES 17, CALIFORNIA

APPROVED
Date
Orange Co. Supt. of Schools
By Asst. Supt.

LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

DATE OF DRAWING
DRAWN BY Fenton
DRAWING NO. S5
of

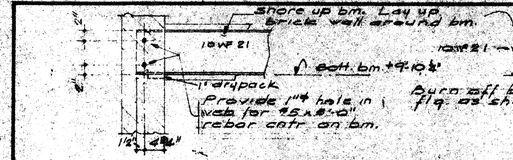


STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1963
APPLICATION NO. Per E. Marg
PRINCIPAL STRUCTURAL ENGINEER

APPROVED: Lee B. Kline ARCHITECT Lawrence Howell ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE APPL. NO. DATE PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT Ada Elegg Curtis Alexander	GOLDENWEST SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT GOLDENWEST AT HOOD WESTMINSTER, CALIFORNIA	HILLMAN & NOWELL STRUCTURAL ENGINEERS 816 W. 5th STREET MA 4-8748 LOS ANGELES 17, CALIFORNIA	APPROVED Date Orange Co. Supt. of Schools By

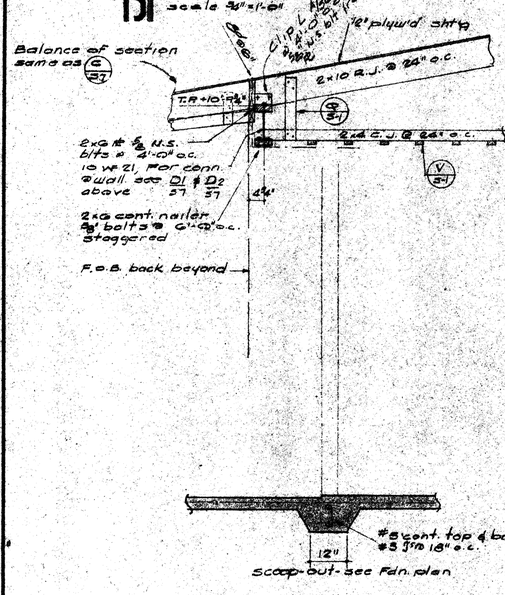
LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

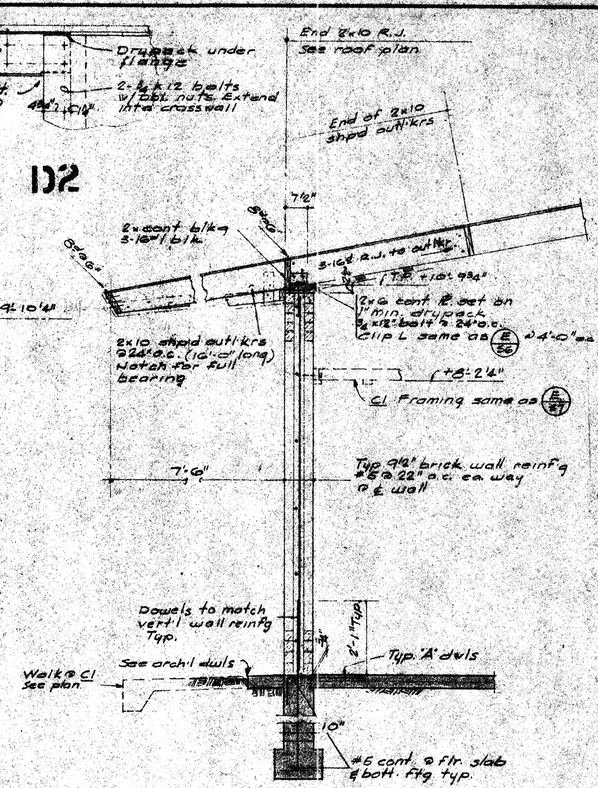
DATE OF DRAWING
DRAWN BY
DRAWING NO. S6



D1 scale 3/4"=1'-0"

D2





C

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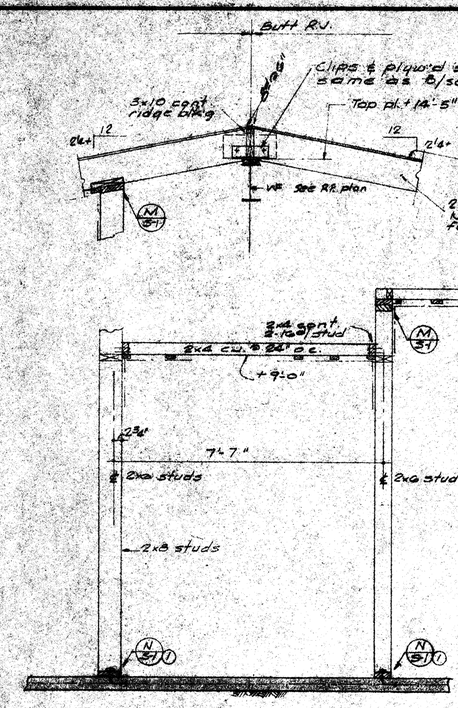

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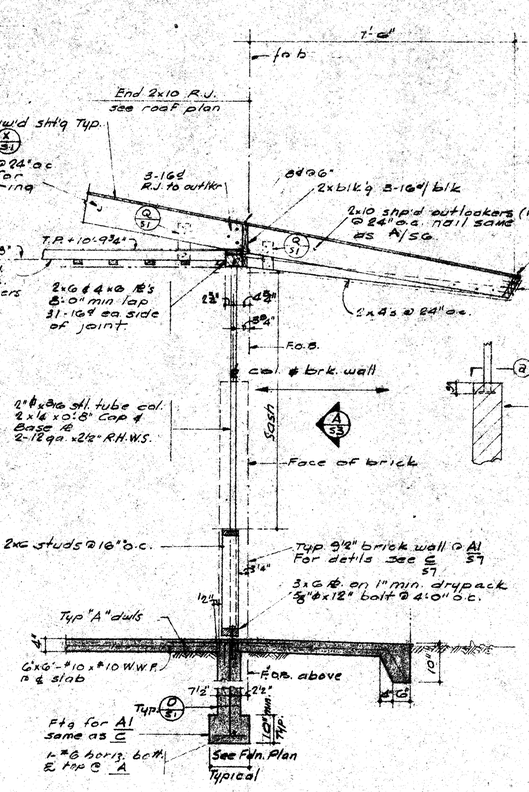
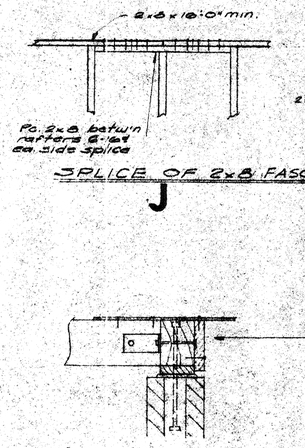


A As shown

A1 As noted

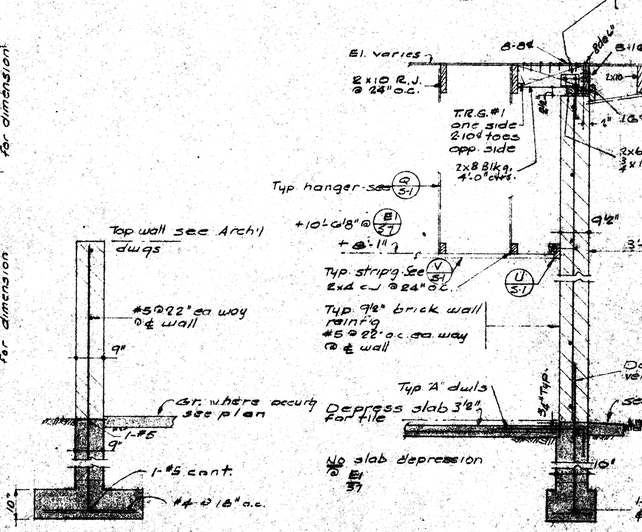


J SPLICE OF 2x8 FASCIA

H scale 1"=1'-0"



PLAN OF OVERHANG FRAMING AT CORNER G ¾"=1'-0"



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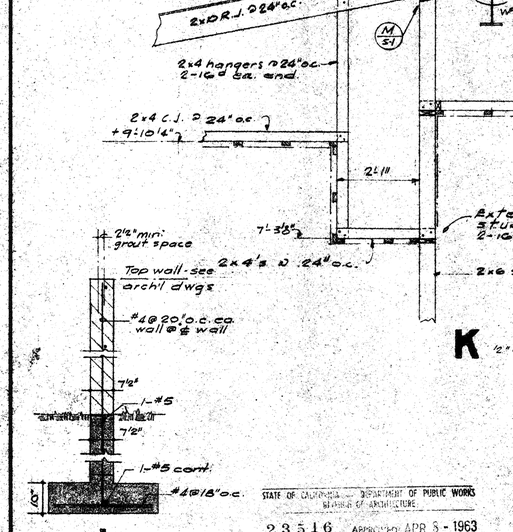
E As shown

E1 As noted



D

K ½"=1'-0"

L

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1963
APPLICATION NO. PRINCIPAL STRUCTURAL ASSISTANT

APPROVED: ARCHITECT / ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE — APPL. NO. / DATE / PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT	GOLDENWEST SCHOOL — WESTMINSTER SCHOOL DISTRICT FOR THE — GOLDENWEST AT HOOD — WESTMINSTER, CALIFORNIA

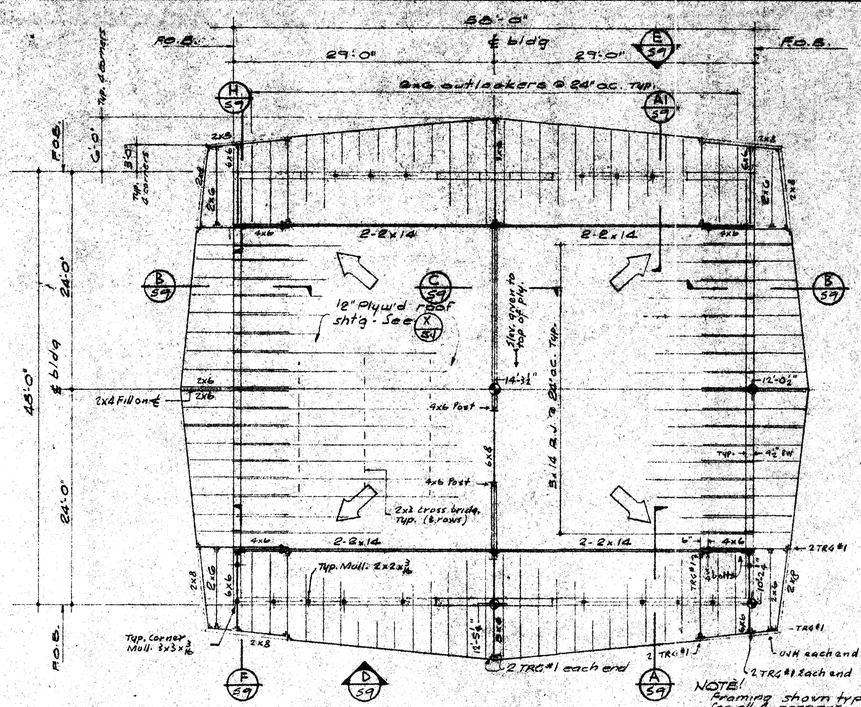
HILLMAN & NOWELL STRUCTURAL ENGINEERS
816 W. 5th STREET MA 4-8788
LOS ANGELES 17, CALIFORNIA

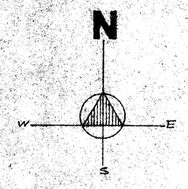
APPROVED
Date
Orange Co. Supt. of Schools
By
Asst. Supt.

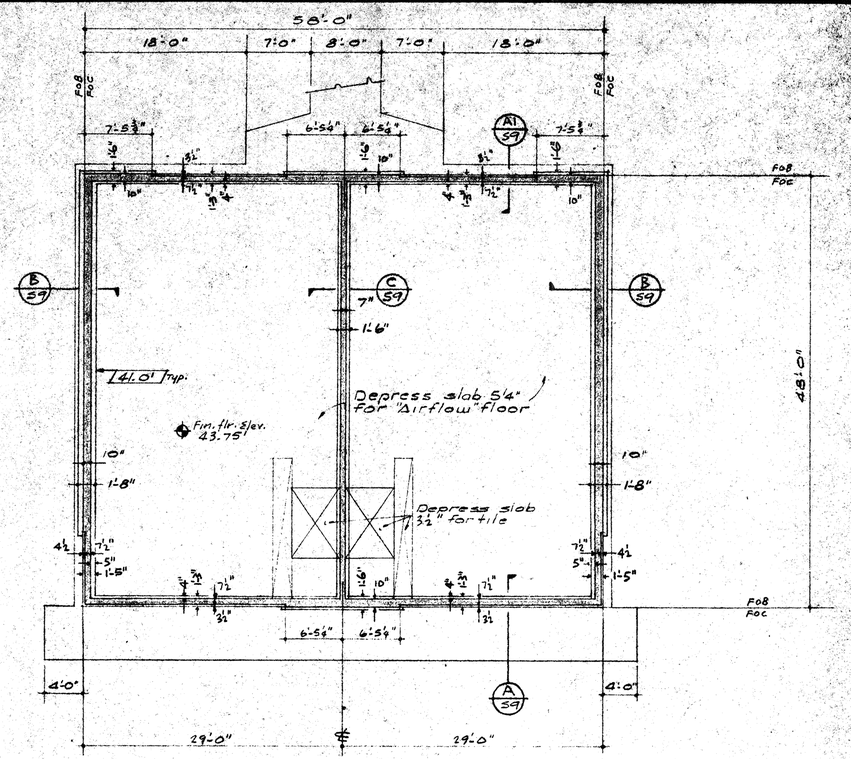
LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

DATE OF DRAWING — DRAWN BY Fenton — DRAWING NO. 57 OF

MP





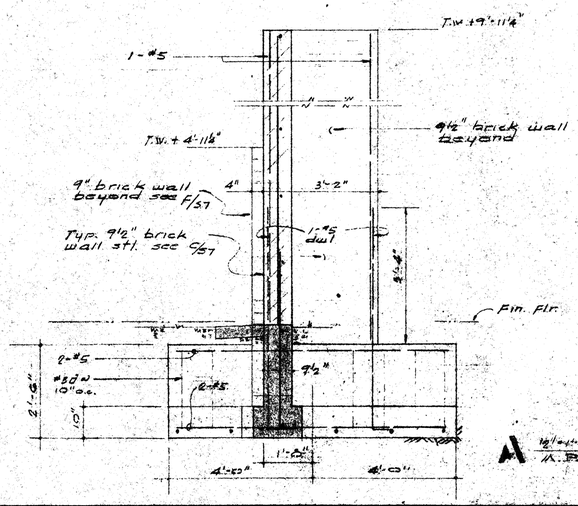


K ROOF FRAMING PLAN 1/8"=1'-0"

Refer to & check with architectural drawings for various roof slopes, gutters, vents, saddles, etc., & dimensions not given.

K FOUNDATION PLAN 1/8"=1'-0"

Refer to & check with architectural drawings for various floor slopes, steps, walks, drains, curbs, depressed slabs, etc., & dimensions not shown.



A 1/2"=1'-0" A.P.

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1963
APPLICATION NO. Per E. Maag
PRINCIPAL STRUCTURAL ENGINEER

APPROVED: Lee B. Kline ARCHITECT Lawrence Nowell ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE APPL. NO. DATE PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT Adair Clegg Bertha Wiesenthal	GOLDENWEST SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT GOLDENWEST AT HOOD WESTMINSTER, CALIFORNIA	HILLMAN & NOWELL STRUCTURAL ENGINEERS 816 W. 5th STREET MA 4-8780 LOS ANGELES 17, CALIFORNIA	APPROVED Date Orange Co. Supt. of Schools By Asst. Supt.	LEE B. KLINE, ARCHITECT, A.I.A. 963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

DATE OF DRAWING
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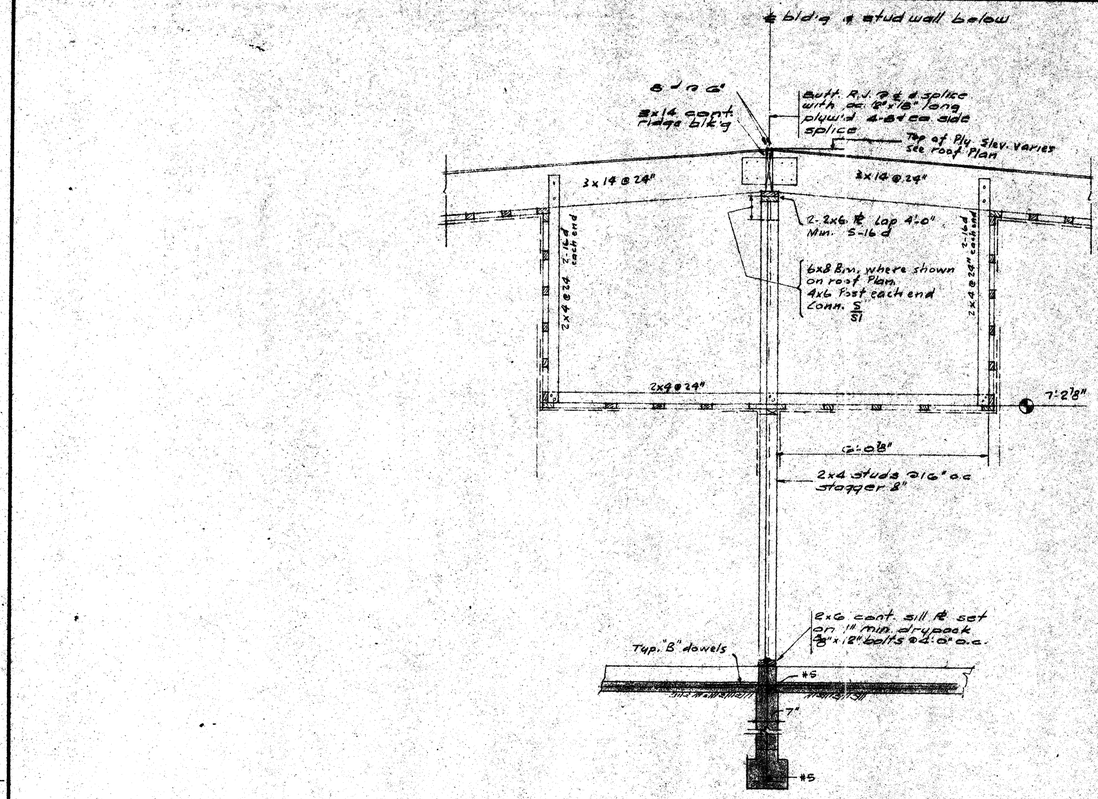
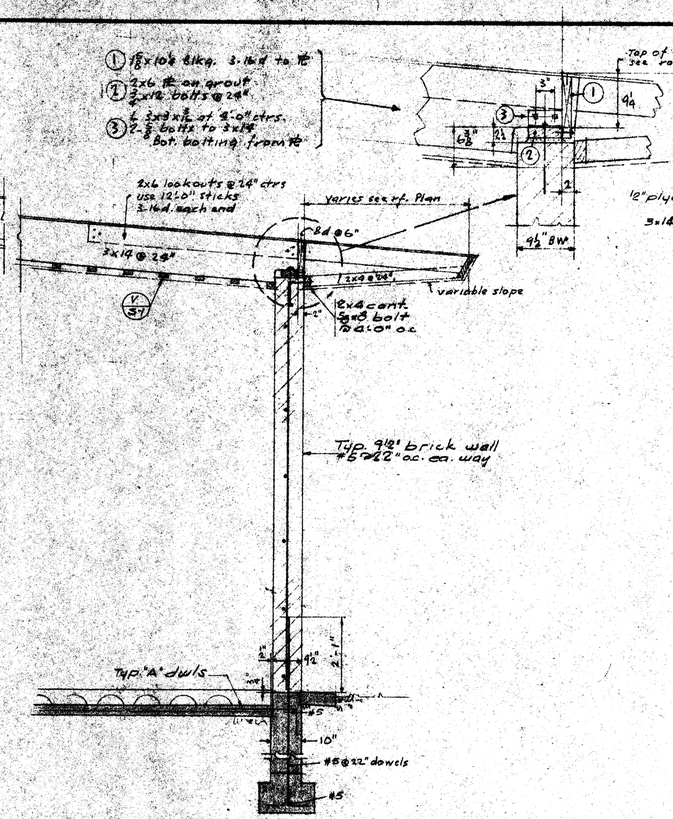
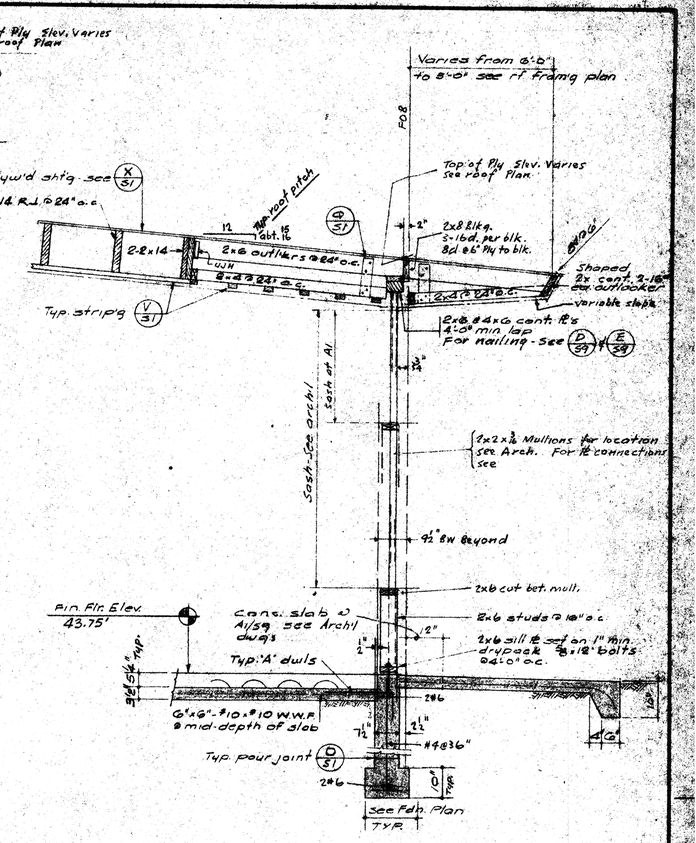
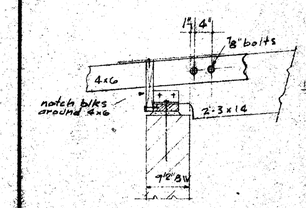
DRAWING NO. S8
OF









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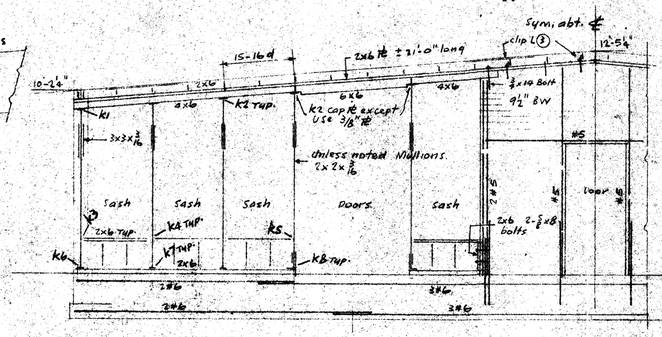
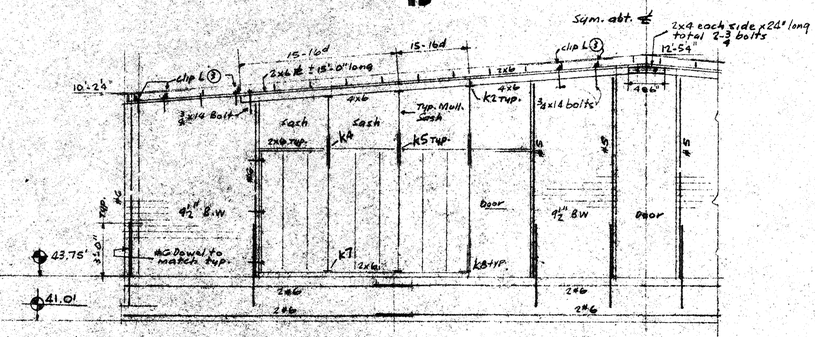
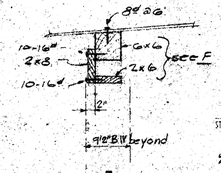


D Wall Elevation



E Wall Elevation



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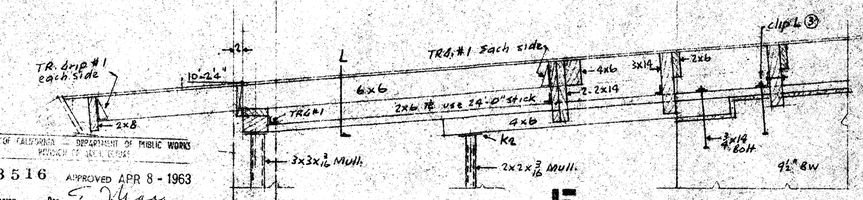
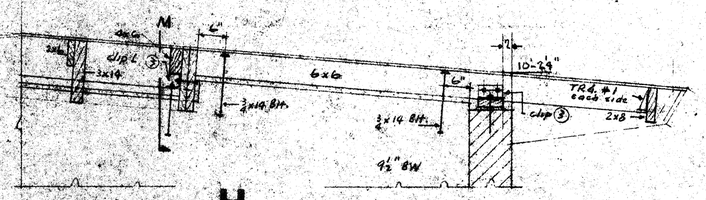
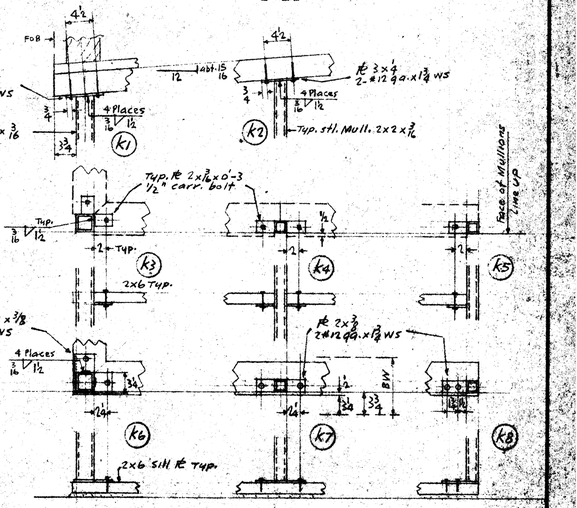


F Typ. East & West Walls



H Typ. East & West Walls



K Mullion Connection details

A As shown

A1 As noted

APPROVED: ARCHITECT / ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE — APPL. NO. — DATE — PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT	GOLDENWEST SCHOOL WESTMINSTER SCHOOL DISTRICT FOR THE GOLDENWEST AT HOOD WESTMINSTER, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS — DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1963
Application No. — Per — Principal Structural Engineer

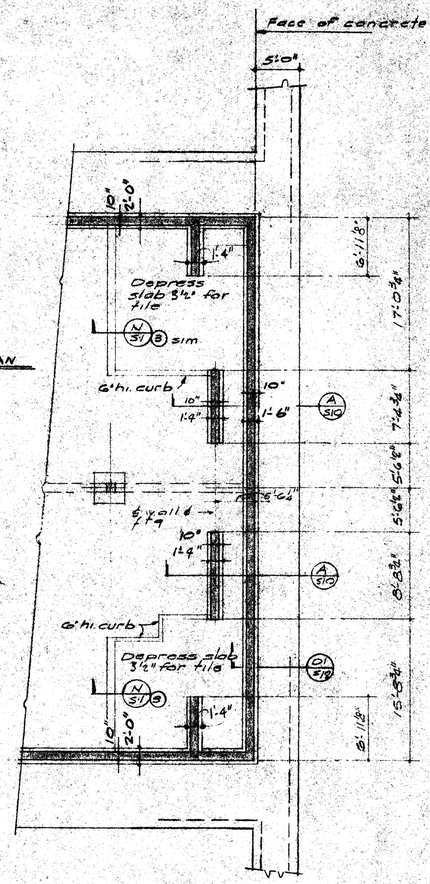
HILLMAN & NOWELL STRUCTURAL ENGINEERS
816 W. 5th STREET MA 6748
LOS ANGELES 17, CALIFORNIA

APPROVED
Date
Orange Co. Supt. of Schools
By — Asst. Supt.

LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

DATE OF DRAWING
DRAWN BY
DRAWING NO. S9

BALANCE OF FDN. PLAN
SAME AS C1



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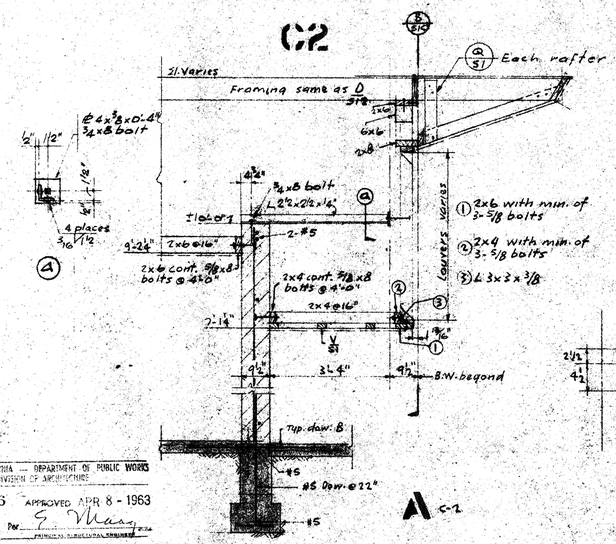

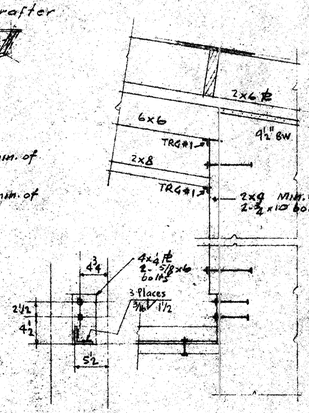

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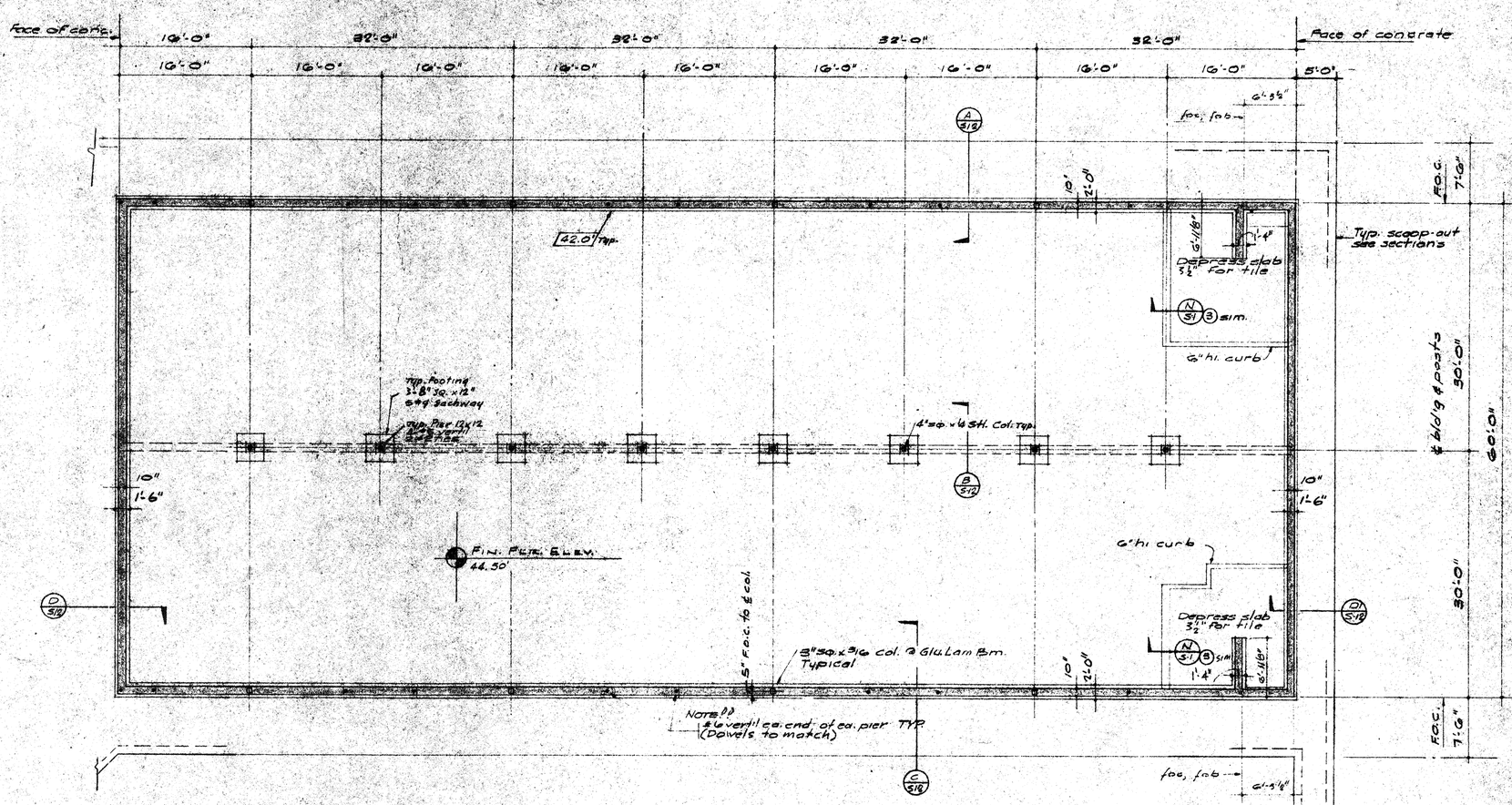
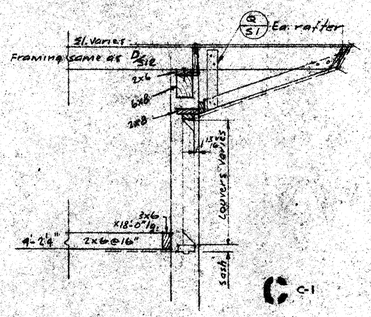
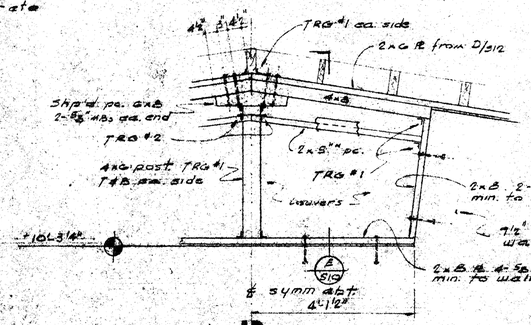


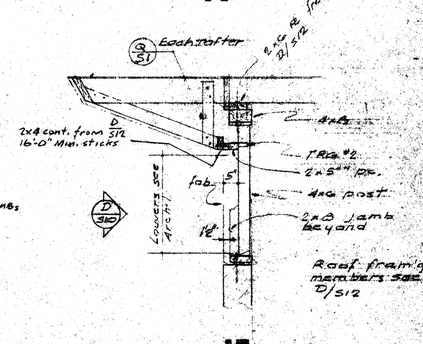
FOUNDATION PLAN

Scale 1/8"=1'-0"

Refer to & check with architectural drawings for various floor slopes, steps, walks, curbs, drains, dropped slabs, etc & dimension not shown or noted.
F.o.c. - Face of concrete



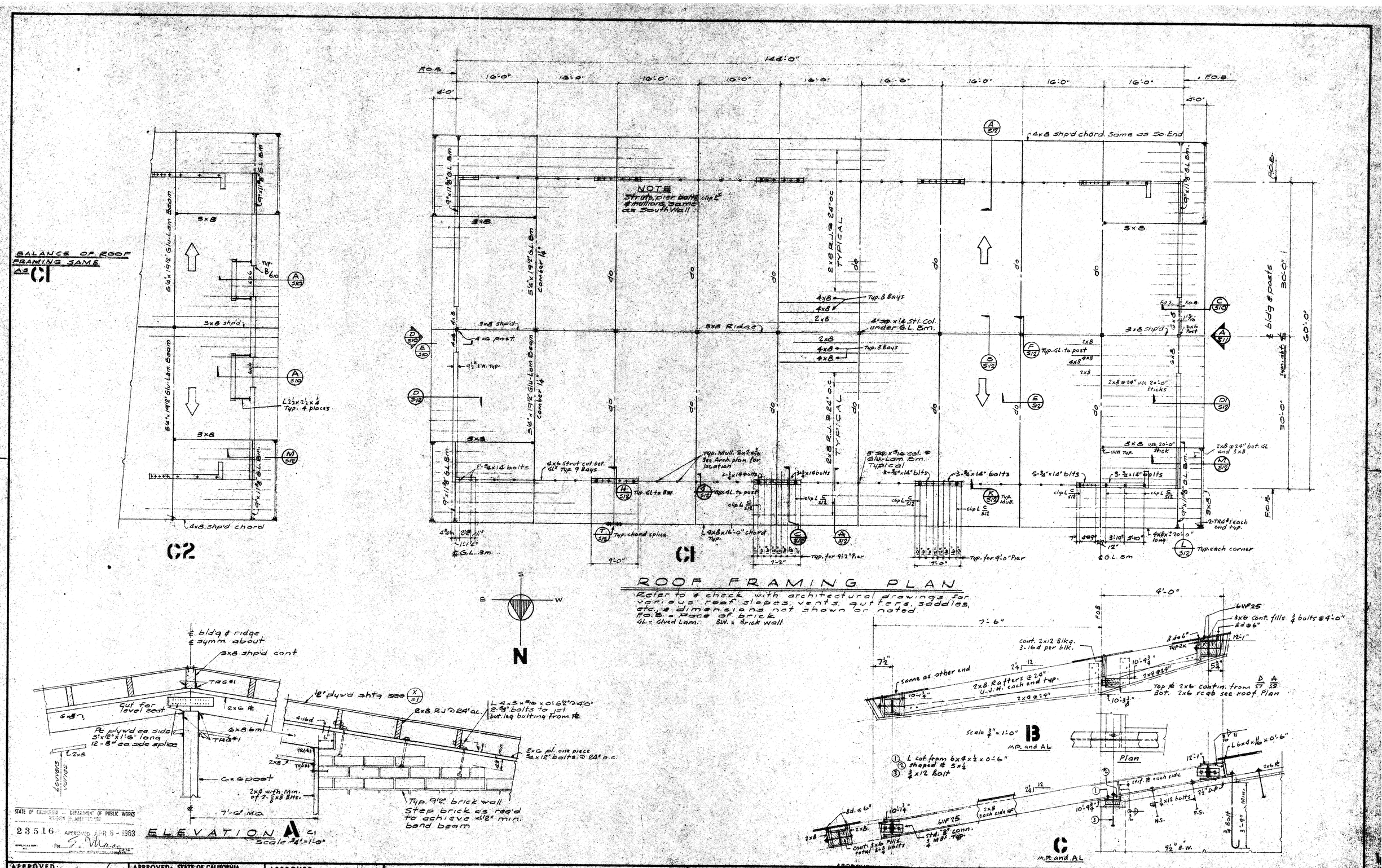




STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1963
APPLICATION NO. Per ... PRINCIPAL STRUCTURAL ENGINEER

APPROVED: ARCHITECT / ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE — APPL. NO. / DATE / PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT	GOLDENWEST SCHOOL WESTMINSTER SCHOOL DISTRICT FOR THE GOLDENWEST AT HOOD WESTMINSTER, CALIFORNIA	HILLMAN & NOWELL STRUCTURAL ENGINEERS 816 W. 5th STREET MA 4-8748 LOS ANGELES 17, CALIFORNIA	APPROVED Date ... Orange Co. Supt. of Schools ... Asst. Supt.	LEE B. KLINE, ARCHITECT, A.I.A. 963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241	DATE OF DRAWING / DRAWN BY / DRAWING NO. S10 / OF

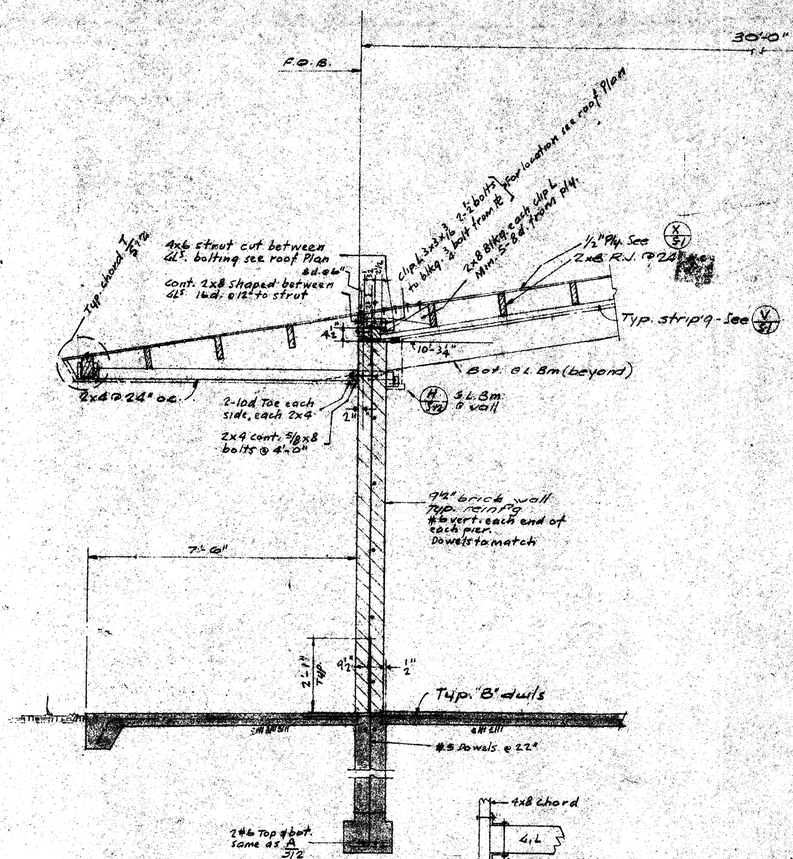
C1-C2



STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1963
APPLICATION NO. For G. Mac
FOR PRINCIPAL STRUCTURAL ENGINEER

APPROVED:	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE	APPROVED: FOR THE DISTRICT	GOLDENWEST SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT	HILLMAN & NOWELL STRUCTURAL ENGINEERS	APPROVED	LEE B. KLINE, ARCHITECT, A.I.A.	DATE OF DRAWING	DRAWING NO.
ARCHITECT	APPL. NO.	Adar Clegg	GOLDENWEST AT HOOD — WESTMINSTER, CALIFORNIA	816 W. 5th STREET MA 4-8748 LOS ANGELES 17, CALIFORNIA	Date Orange Co. Supt. of Schools	963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241	DRAWN BY Fenton	S11
ENGINEER	DATE PRINCIPAL STRUCTURAL ENGINEER				By ASST. SUPT.			OF

C1-C2



APPROVED: ARCHITECT — ENGINEER

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE — APPL. NO. — DATE — PRINCIPAL STRUCTURAL ENGINEER

APPROVED: FOR THE DISTRICT

GOLDENWEST SCHOOL
FOR THE
WESTMINSTER SCHOOL DISTRICT
GOLDENWEST AT HOOD — WESTMINSTER, CALIFORNIA

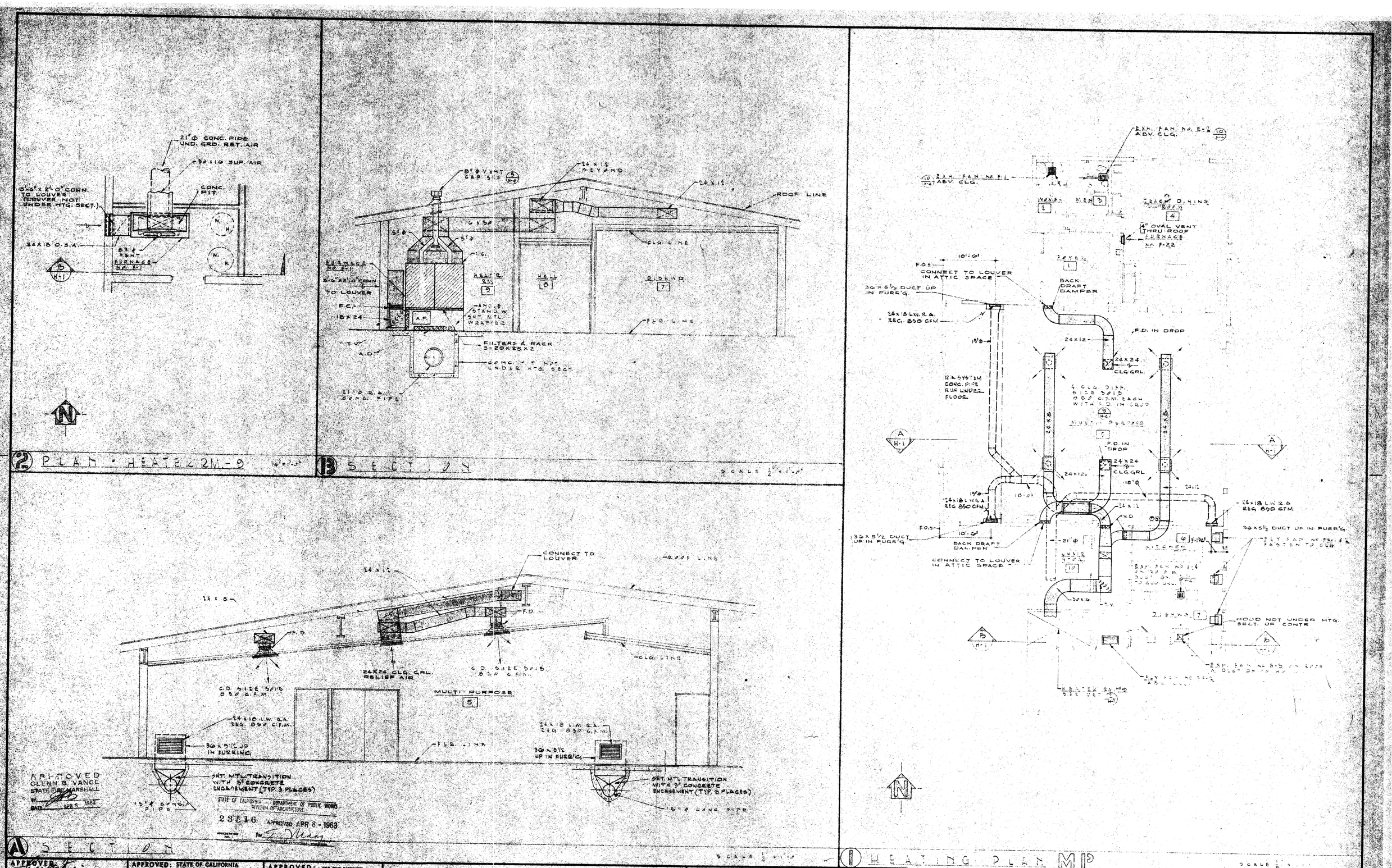
HILLMAN & NOWELL
STRUCTURAL ENGINEERS
315 W. 5th STREET MA 4-8788
LOS ANGELES 17, CALIFORNIA

APPROVED
Date
Orange Co. Supt. of Schools
Asst. Supt.

LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

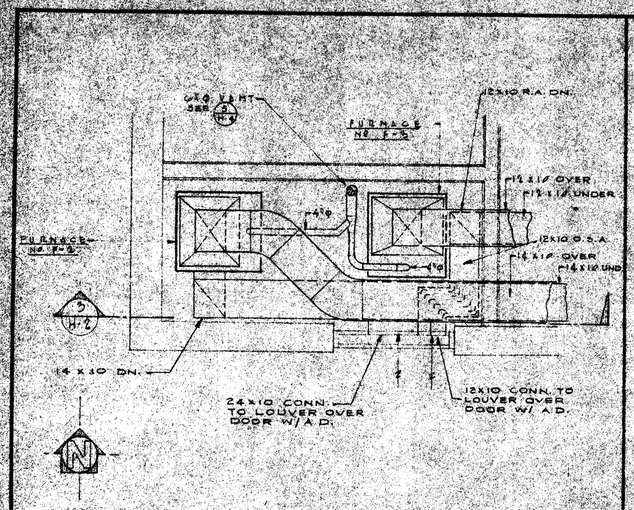
DATE OF DRAWING
DRAWN BY
CHECKED BY
DRAWING NO. S12

C1-C2

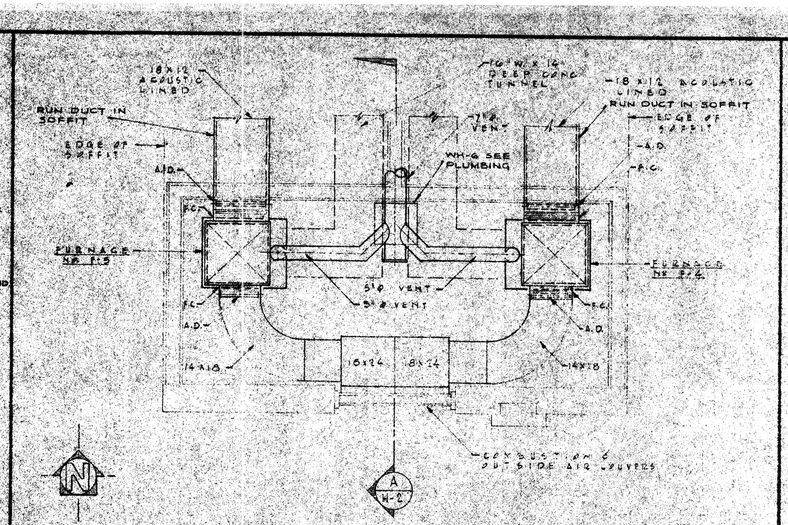


APPROVED: ARCHITECT / ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE — APPL. NO. — DATE — PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT	GOLDENWEST SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT — GOLDENWEST AT HOOD — WESTMINSTER, CALIFORNIA	P & K COMPANY — MECHANICAL ENGINEERING — 6311 NORTH FIGUEROA 254-3497 — LOS ANGELES 42, CALIFORNIA	LEE B. KLINE, ARCHITECT, A.I.A. — 963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

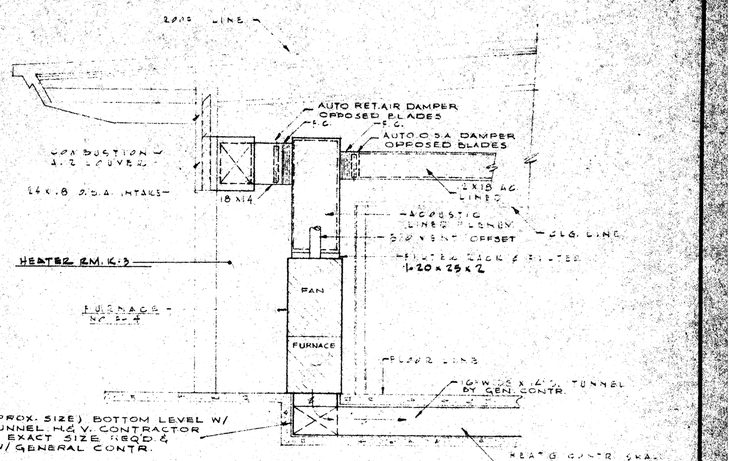
DATE OF DRAWING — DRAWN BY — DRAWING NO. H-1 OF



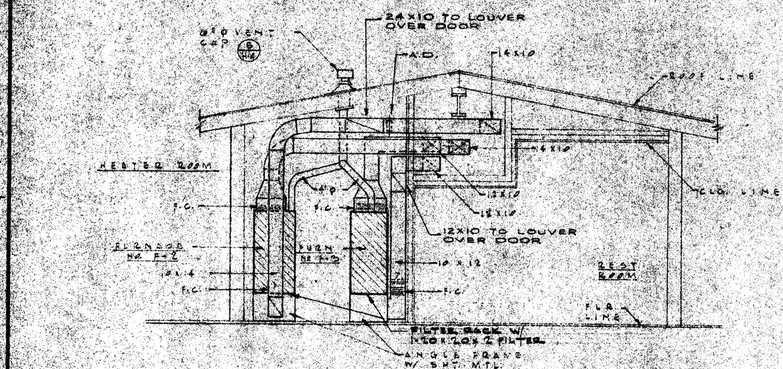
1 PLAN - HEATER RM. AL-5 SCALE 1/4"=1'-0"



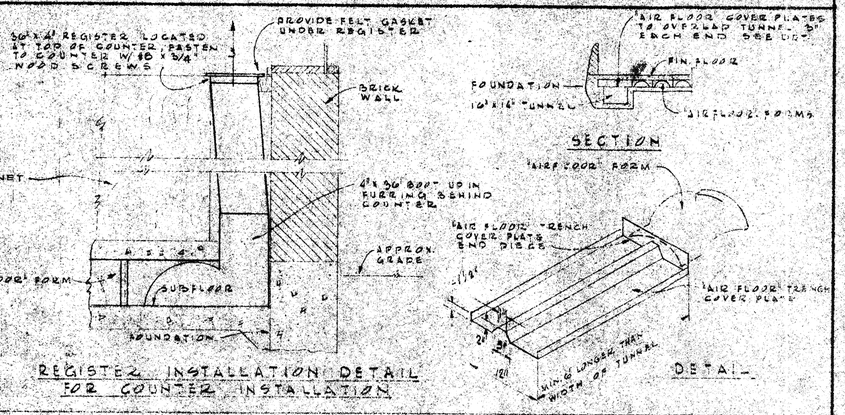
2 PLAN - HEATER RM. K-3 SCALE 1/4"=1'-0"



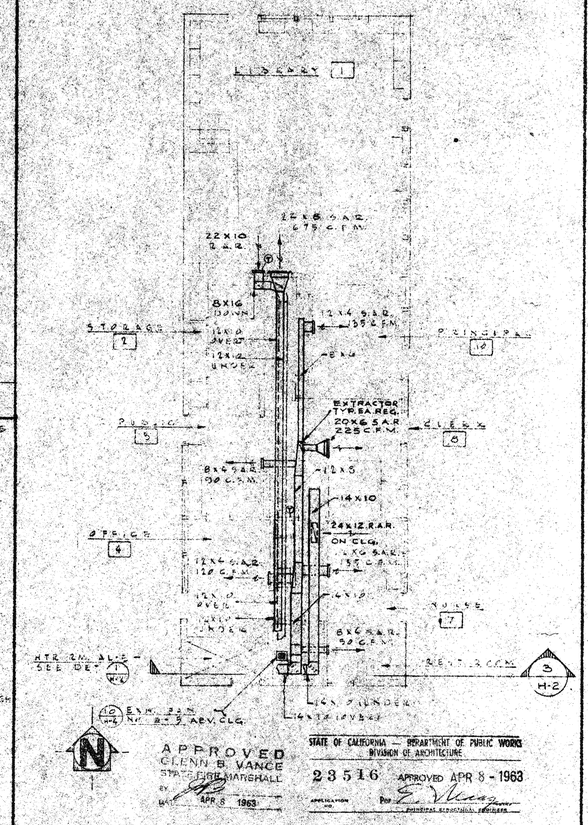
A SECTION SCALE 3/8"=1'-0"



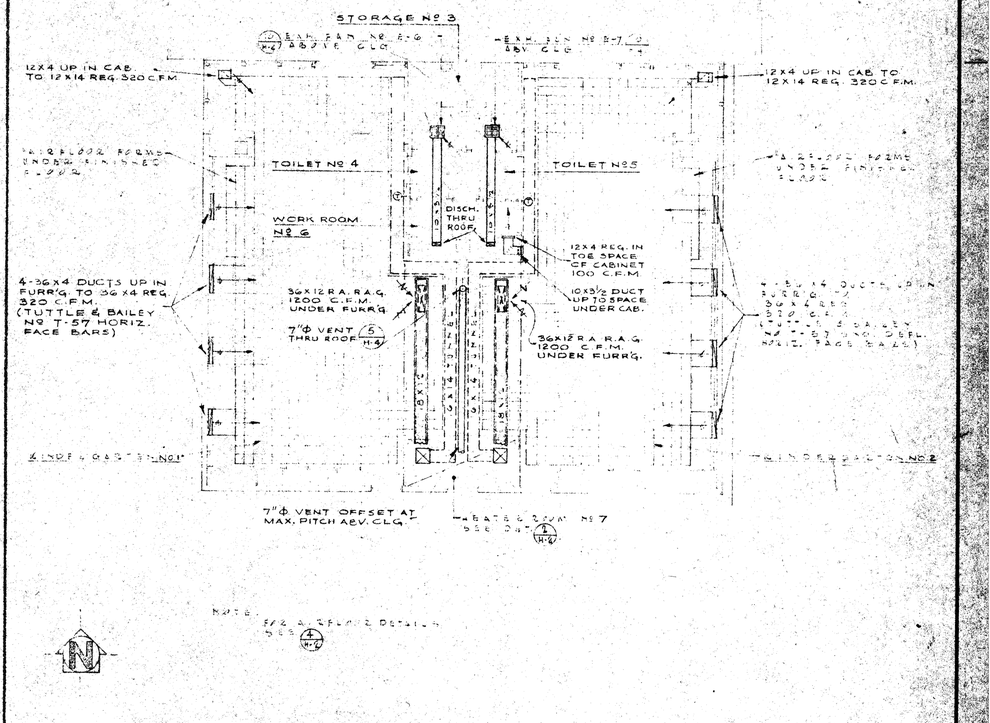
3 SECTION SCALE 1/4"=1'-0"



4 AIRFLOOR DETAILS NO SCALE



5 HEATING PLAN AL SCALE 1/4"=1'-0"



6 HEATING PLAN K SCALE 1/4"=1'-0"

APPROVED
ARCHITECT
DATE

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
APPL. NO.
DATE PRINCIPAL STRUCTURAL ENGINEER

APPROVED FOR THE DISTRICT

GOLDENWEST SCHOOL
WESTMINSTER SCHOOL DISTRICT FOR THE
GOLDENWEST AT HOOD WESTMINSTER, CALIFORNIA

P & K COMPANY
MECHANICAL ENGINEERING
6311 NORTH FIGUEROA 254-3497
LOS ANGELES 42, CALIFORNIA

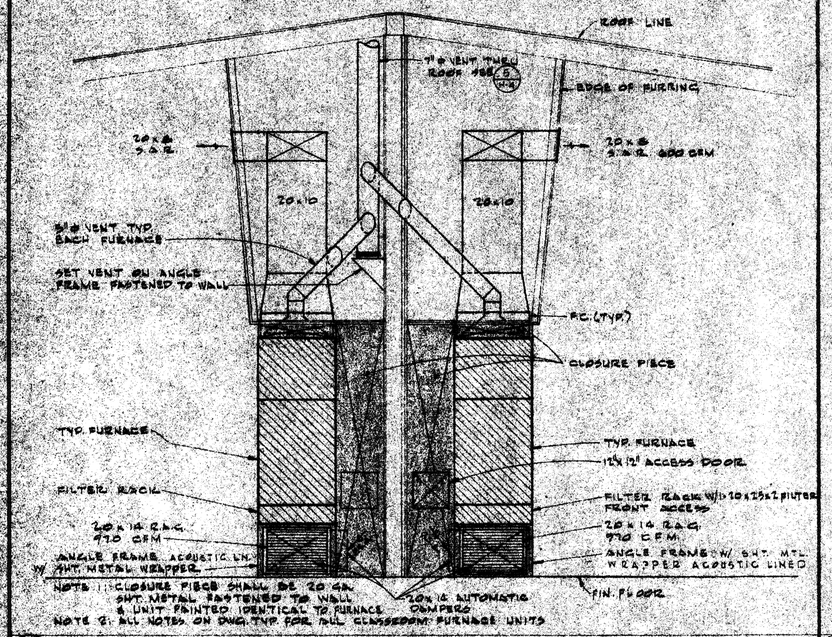
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1963
APPLICATION NO. By E. Vance
PRINCIPAL STRUCTURAL ENGINEER

APPROVED
GLENN E. VANCE
STATE FIRE MARSHALL
By
APR 8 1963

LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

DATE OF DRAWING
DRAWN BY
DRAWING NO. H-2
OF

AL K (38)



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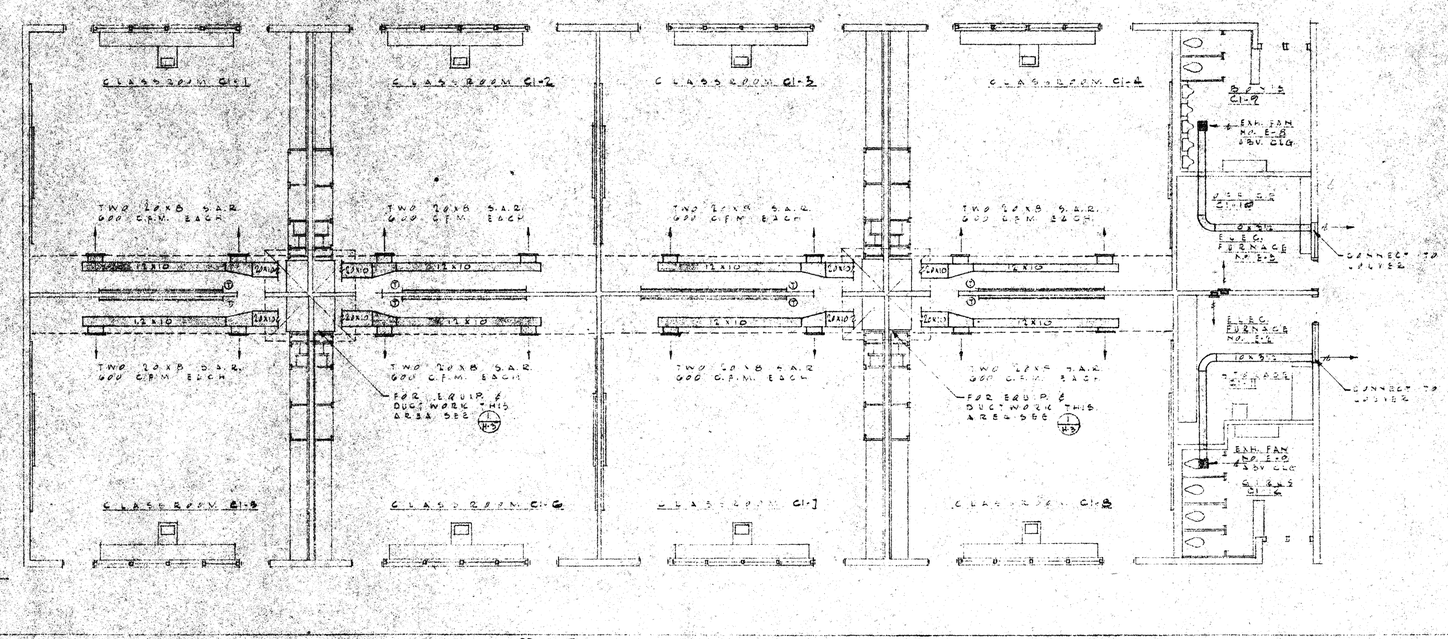
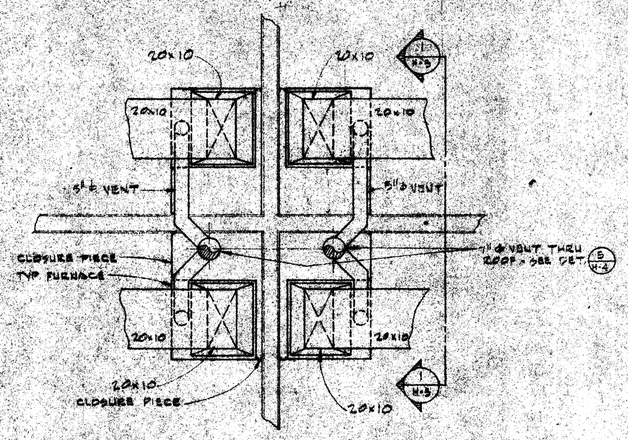
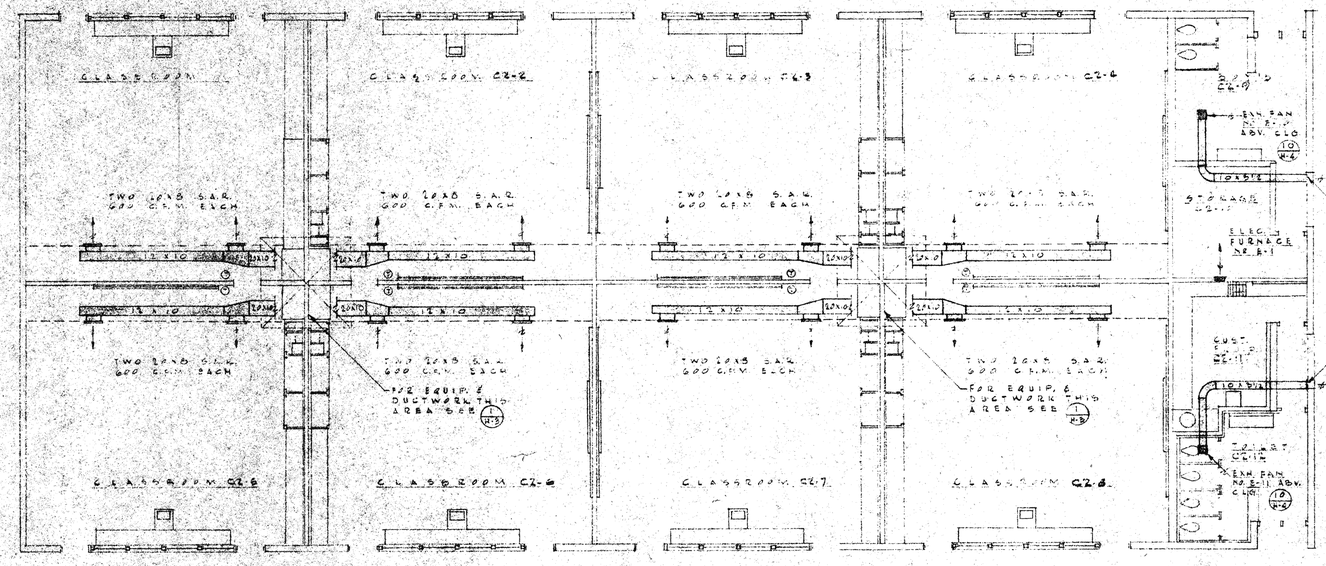


2 HEATING PLAN - UNIT C-1 SCALE 1/8"=1'-0"



APPROVED
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1963
APPLICATION NO. Per
DATE APR 8 1963

3 PARTIAL PLAN - CLASSROOM FURNACES SCALE: 1/2"=1'-0"

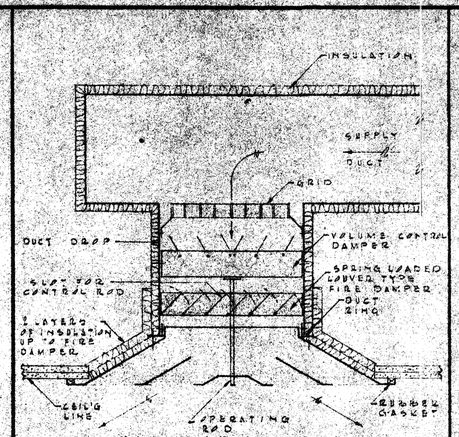


4 HEATING PLAN - UNIT C-2 SCALE 1/8"=1'-0"

APPROVED: ARCHITECT / ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE — APPL. NO. — DATE — PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT	GOLDENWEST SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT GOLDENWEST AT HOOD WESTMINSTER, CALIFORNIA	P & K COMPANY MECHANICAL ENGINEERING 6311 NORTH FIGUEROA 254-3497 LOS ANGELES 42, CALIFORNIA	LEE B. KLINE, ARCHITECT, A.I.A. 963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241 — DATE OF DRAWING — DRAWN BY — DRAWING NO. H-3 OF

C-1.2

39



CEILING DIFFUSERS
NOTE: FIRE DAMPER IS REQ'D FOR HEAT & VENT. OPENING IN CEIL'G. PROVIDE HTG. RESISTANCE

9 CEIL'G. DIFFUSER

MARK	MFG.	CAT. NO.	C.F.M.	H.P.	WATTS	Φ	V	TYPE	REMARKS	WEIGHT
E-1	PRYNE	280	160	58 WATT	58	1	60	CLG.		
E-2	PYRAL	170	160	58 WATT	58	1	60	CLG.		
E-3			200	1/15				CLG.		
E-4	PRYNE	290	215	58 WATT				CLG.		
E-5	PRYNE	290	160	58 WATT				CLG.		
E-6	PRYNE	290	160	58 WATT				CLG.		
E-7	PRYNE	290	160	58 WATT				CLG.		
E-8	PRYNE	210	400	58W.				CLG.		
E-9	PRYNE	210	400	58W.				CLG.		
E-10	PRYNE	210	400	58W.				CLG.		
E-11	PRYNE	210	400	106W.				CLG.		
FP-1265	J.L.G.	DA 265	9550	1/2				PROP.		
FP-4	J.L.G.	DIFF 6350		1/2	760	1	60	CLG.		

7 FAN SCHEDULE

MARK	MFG.	CAT. NO.	B.T.U. INPUT	B.T.U. OUTPUT	C.F.M.	H.P.	Φ	V	VENT	REMARKS
F-1	LENNOX	G21B4-136/1	136,000	217,600	5400	2	1	240	12"ø	BLDG. M.P.
F-2	LENNOX	G21-68	68,000	54,400	675	1/4	1	120	4"ø	M-99 AL
F-3	LENNOX	G21-68	68,000	54,400	775	1/4	1	120	4"ø	BLDG. AL
F-4	LENNOX	G22U-102	102,000	81,600	1650	3/4	1	240	5"ø	BLDG. K
F-5	LENNOX	G22U-102	102,000	81,600	1650	3/4	1	240	5"ø	BLDG. K
F-6 & 16	LENNOX	G26-102	102,000	81,600	1200	1/3	1	120	5"ø	BLDG. C-2
F-7 & 11	LENNOX	G26-102	102,000	81,600	1200	1/3	1	120	5"ø	BLDG. C-2
F-22	WILLIAMS	A 25 S	25,000	19,000	-	-	-	-	4"ø FLEX	BLDG.

3 FURNACE SCHEDULES

MARK	MFG.	CATALOG NUMBER	WATTS	ELECTRIC V	Φ	~	REMARKS
E-1	THERMADOR	NW 202 A	2000	240	1	60	THERMO. CONTROLLED
E-2	THERMADOR	NW 202 A	2000	240	1	60	THERMO. CONTROLLED
E-3	THERMADOR	NW 202 A	2000	240	1	60	THERMO. CONTROLLED

LOW VOLTAGE WIRING & CONDUIT FURNISHED & INSTALLED UNDER HEAT & VENT. SECTION OF SPEC'S.

LINE VOLTAGE WIRING & CONDUIT, TURN. SHED & INSTALLED UNDER ELEC. SECTION OF SPEC'S.

(M) TURN. SHED & INSTALLED UNDER HEAT & VENT. SECTION OF SPEC'S.

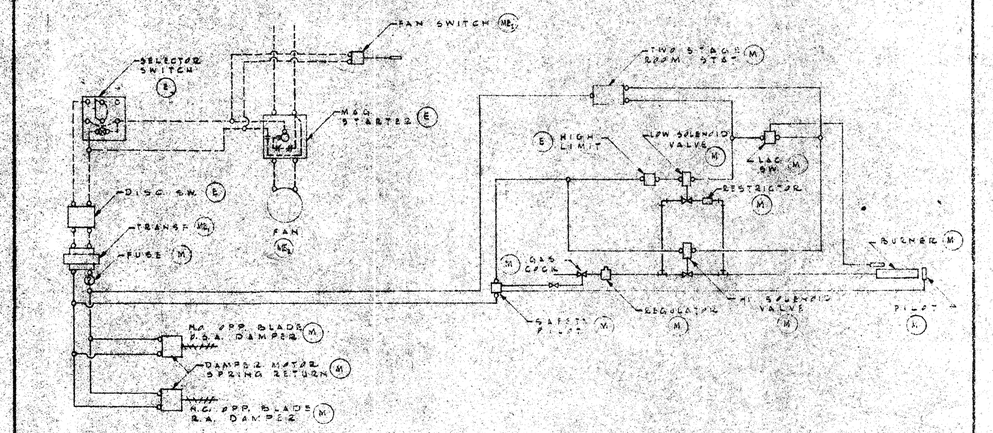
(M1) ITEM FURNISHED & LOW VOLTAGE CONN. UNDER H. & V. SECT. ITEM INSTALLED & LINE VOLTAGE CONN. UNDER ELEC. SECT.

(M2) FURNISHED & INSTALLED UNDER H. & V. SECT. ELEC CONN. UNDER ELEC. SECT.

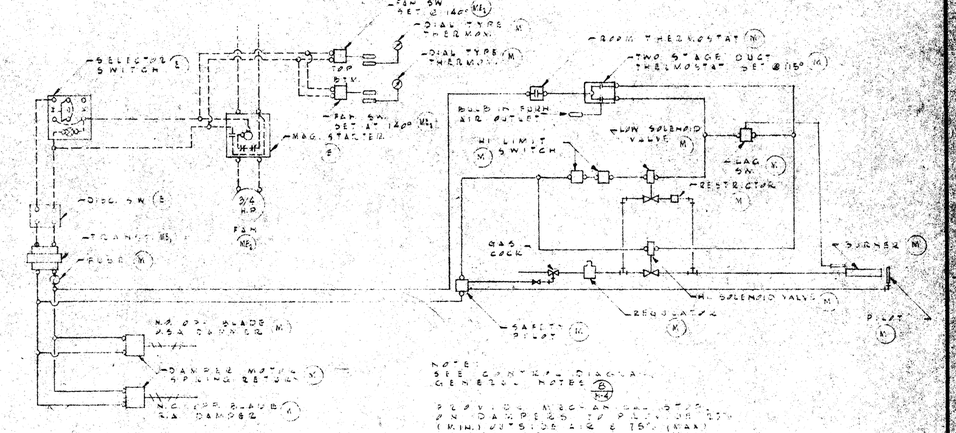
(E) ITEM FURNISHED & INSTALLED UNDER ELEC. SECT. OF SPEC'S.

ALL SOLENOID VALVES SHALL BE SILENT TYPE OR DIAPHRAGM TYPE GAS VALVE.

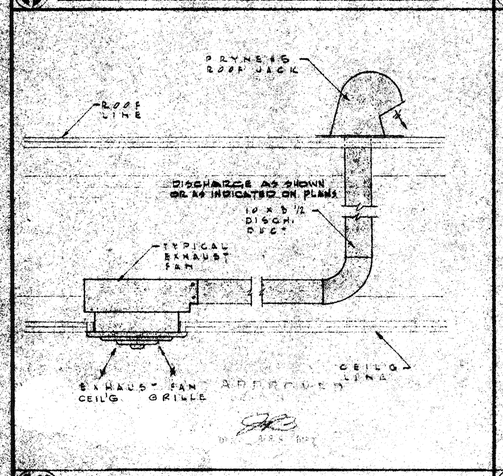
8 CONTROL DIAG. GENERAL NOTES



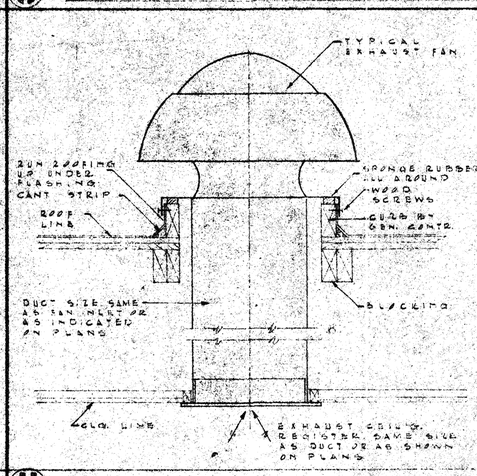
6 CONTROL DIAGRAM - UNITS "P", "A", "C" & "L"



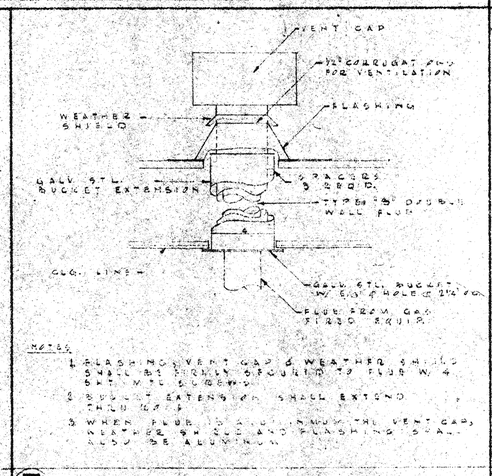
2 CONTROL DIAGRAM UNIT K



10 CEILING FAN



11 ROOF FAN



NOTES:
1. FLASHING, VENT CAP & WEATHER SHIELD SHALL BE SECURELY FASTENED TO FLUE W. 4 SHT. METAL SCREWS.
2. BUCKET EXTENSION SHALL EXTEND THRU ROOF.
3. WHEN FLUE IS TO BE REMOVED, THE VENT CAP, WEATHER SHIELD AND FLASHING SHALL ALSO BE REMOVED.

5 VENT ASSEMBLY

SYMBOL	ABBREVIATION	DESCRIPTION
	A.C.	AUTOMATIC CONTROL
	ABV.	DAMPER
	CLG.	ABOVE
	CLR.	CEILING
	COND.	CEILING DIFFUSER
	CONT.	CONDENSATE
	DET.	DETAILS
	DN.	DOWN
	DIFF.	DIFFUSER
	EXH.	EXHAUST
	F.D.	FIRE DAMPER
	FLR.	FLOOR
	F.C.	FLEXIBLE CONNECTION
	GRL.	GRILLE
	L.W.R.A.	LOW WALL RETURN AIR
	MTL.	METAL
	R.A.	RETURN AIR
	R.A.R.	RETURN AIR REGISTER
	R.A.G.	RETURN AIR GRILLE
	S.A.R.	SUPPLY AIR REGISTER
	SHT.	SHEET
	TYP.	TYPICAL
	V.D.	VOLUME DAMPER
	STAT.	THERMOSTAT
		SELECTOR SWITCH
	W.	WITH
	N.C.	NORMALLY CLOSED
	N.O.	NORMALLY OPEN
	A.P.	ACCESS PANEL

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1983
By E. Wang

4 HEATING LEGEND

1. FINAL GAS CONNECTIONS TO HEATING EQUIPMENT SHALL BE BY HEATING CONTR.
2. HEATING CONTRACTOR SHALL PROVIDE & INSTALL ALL FIRE DAMPERS WHERE SHOWN ON PLANS OR AS REQ'D BY AUTHORITIES HAVING JURISDICTION.
3. ALL SUPPLY AIR REGISTERS SHALL BE TITUS 3 SHEARING NO. 1 WITH DOUBLE DEFLECTION OPPOSED BLADE DAMPER, PRIME COAT. (EXCEPT AS SEE PLAN)
4. ALL RETURN AIR REGISTERS SHALL BE TITUS 3 SHEARING NO. 1 WITH HORIZ. FACE BLADES WITH OPPOSED BLADE DAMPER, PRIME COAT.
5. ALL RETURN AIR GRILLES SHALL BE TITUS 3 SHEARING NO. 1 WITH HORIZ. BARS, PRIME COAT.
6. ALL CEILING DIFFUSERS SHALL BE TITUS 3 SHEARING TDC WITH OPPOSED BLADE VOLUME CONTROL DAMPER & TYPE TO MATCH GRID.
7. MOUNT THERMOSTATS AT 4'-6" ABV. FIN. FLR.

1 GENERAL NOTES

APPROVED: _____ ARCHITECT _____ ENGINEER

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
APPL. NO. _____ DATE _____ PRINCIPAL STRUCTURAL ENGINEER

APPROVED: FOR THE DISTRICT Ada Clegg

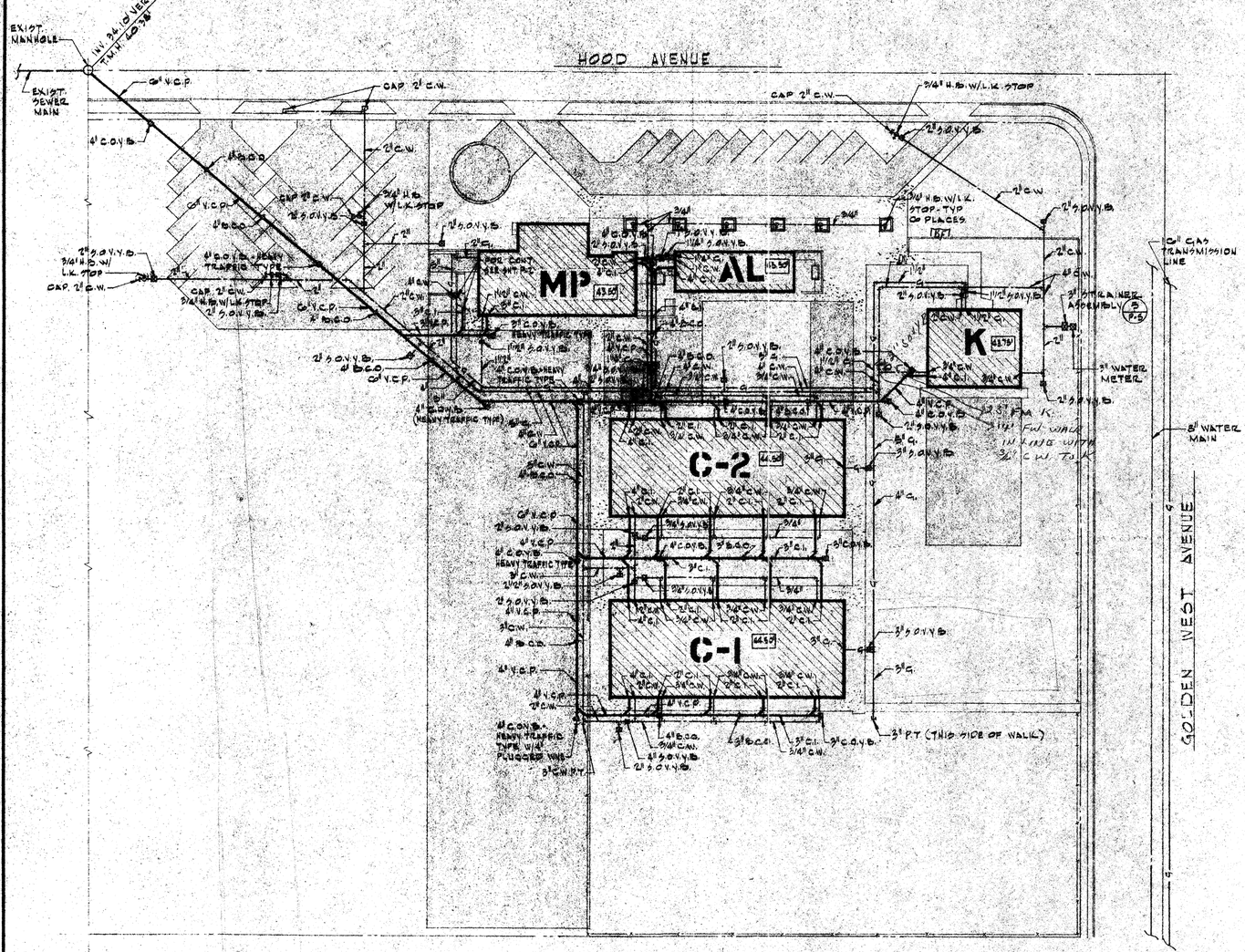
GOLDENWEST SCHOOL
WESTMINSTER SCHOOL DISTRICT FOR THE
GOLDENWEST AT HOOD
WESTMINSTER, CALIFORNIA

P & K COMPANY
MECHANICAL ENGINEERING
6311 NORTH FIGUEROA 254-3497
LOS ANGELES 42, CALIFORNIA

LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

BLK

DATE OF DRAWING
DRAWN BY
DRAWING NO. H-4
OF



SYMBOL	ABBREVIATION	DESCRIPTION
	C.I.	CAST IRON SOIL OR WASTE
	V.C.P.	VITRIFIED CLAY PIPE SOIL
	V.	VENT
	C.W.	COLD WATER
	H.W.	HOT WATER (140°)
	H.W.R	HOT WATER RETURN (140°)
	H.W.(180°)	HOT WATER (180°)
	H.W.R.(180°)	HOT WATER RETURN (180°)
	G.	GAS
	C.O.Y.B.	CLEANOUT IN YARD BOX
	B.C.O.	BURIED CLEANOUT
	F.C.O.	FLUSH CLEANOUT
	S.O.V.Y.B.	SHUTOFF VALVE IN YARD BOX
	G.V.	GATE VALVE
	C.V.	CHECK VALVE
	STR.	STRAINER
	U.	UNION
	TH.	THERMOMETER
	INV.	INVERT ELEVATION
	P.T.	PLUGGED TEE
	V.T.R.	VENT THRU ROOF
	A.P.	ACCESS PANEL
	P.O.C.	POINT OF CONNECTION
	FIN.GR.	FINISHED GRADE
	FIN. FLR	FINISHED FLOOR

SYMBOL	ABBREVIATION	DESCRIPTION
	HDR.	HEADER
	DN.	DOWN
	CONT.	CONTINUOUS
	ABV.	ABOVE
	BEL.	BELOW
	BET.	BETWEEN
	CLG.	CEILING
	FLR.	FLOOR
	F.S.H.	FIRE SPRINKLER HEAD
	PART.	PARTITION
	CAB.	CABINET
	W/	WITH
	C.F.H.	CUBIC FEET PER HOUR
	EXIST.	EXISTING
	EXP.	EXPOSED
	TYP.	TYPICAL
	CONN.	CONNECTION
	W.	WASTE
	V.B.F.	VENT BELOW FLOOR
	S.O.V.	SHUT OFF VALVE
	H.B.	HOSE BIBB
	REC.	RECESSED
	UND	UNDER
	T.M.H.	TOP OF MANHOLE
	LK.	LOOSE KEY

2 LEGEND

MARK	MANUFACTURER	MODEL NO	STORAGE CAPACITY	REHEAT @ 60° T.R.	TYPE	BTU/HR. INPUT	WATTS	V.	Φ	~	VENT	PIPING CONNECTIONS H.W.	C.W.	H.W.R	GAS	LOCATION
WH 1	GENERAL	DELUXE B-75	75	100	GAS	71,400	-	-	-	-	4"	1¼"	1¼"	¾"	¾"	UNIT MP
WH 2	GENERAL	HI-RATE B-100	100	280.1	GAS	200,000	-	-	-	-	6"	¾"	¾"	¾"	1¼"	UNIT MP
WH 3	COLUMBIA	VS-12	12	6.7	ELECT.	-	1000	120	1	60	-	¾"	¾"	-	-	UNIT AL
WH 4	COLUMBIA	VR-20	20	10	ELECT	-	1500	240	1	60	-	¾"	¾"	-	-	UNIT C-1
WH 5	COLUMBIA	VR-20	20	10	ELECT.	-	1500	240	1	60	-	¾"	¾"	-	-	UNIT C-2
WH 6	COLUMBIA	VS-12	12	6.7	ELECT.	-	1000	120	1	60	-	¾"	¾"	-	-	UNIT K

3 WATER HEATER SCHEDULE

GAS LOAD - C.F.H.	NEW	FUTURE	TOTAL
SPACE HEATING	2272	816	3088
WATER HEATING	272	—	272
DOMESTIC	63	—	63
OTHER	—	—	—
TOTAL	2607	816	3423

WATER DEMAND	NEW	FUT.	TOTAL
	402	133	535

535 FIXTURE UNITS = 155 G.P.M.
WATER PRESSURE = 7 PSI.

MARK	FIXTURE	WASTE	VENT	TRAP	C.W.	H.W.	MOUNTING	REMARKS
WC 1	WATER CLOSET	4"	2"	INT.	1"	-	13"-FLOOR	SEE 3/P.5 14/P.5 1" FLUSH VALVE
WC 2	WATER CLOSET	4"	2"	INT.	1"	-	10"-FLOOR	SEE 3/P.5 14/P.5 1" FLUSH VALVE
WC 3	WATER CLOSET	4"	2"	INT.	¾"	-	15"-FLOOR	SEE 3/P.5 14/P.5 FLUSH TANK
U 1	URINAL	2"	2"	2"	¾"	-	FLOOR	¾" FLUSH VALVE
L 1	LAVATORY	2"	1½"	1½"x1¼"	¾"	¾"	2'-7"	
L 2	LAVATORY	2"	1½"	1½"x1¼"	¾"	-	2'-0"	
WS 1	WASH SINK	2"	1½"	1½"	¾"	-	2'-4"	60"-3 SINGLE FAUCETS
SS 1	SERVICE SINK	2"	1½"	1½"	¾"	¾"		
S 1	SINK	2"	1½"	1½"	¾"	-	COUNTER	FAUCET & BUBBLER
S 2	SINK	2"	1½"	1½"	¾"	¾"	COUNTER	
DF 1	DRINKING FOUNTAIN	2"	1½"	1½"	¾"	-	28"	3 BUBBLER
DF 2	DRINKING FOUNTAIN	2"	1½"	1½"	¾"	-	28"	SINGLE BUBBLER
FD 1	FLOOR DRAIN	2"	2"	2"	-	-	FLOOR	
FS 1	FLOOR SINK	2"	2"	2"	-	-	FLOOR	
DF 3	DRINKING FOUNTAIN	2"	1½"	1½"	¾"	-	25"	SINGLE BUBBLER

4 FIXTURE SCHEDULE

1. BEFORE STARTING TRENCHING THE CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTHS OF ALL EXISTING LINES AFFECTED BY THE CONTRACT. SHOULD IT BE NECESSARY TO RE-ROUTE LINES DUE TO CONDITIONS FOUND ON THE SITE, THE CONTRACTOR SHALL OBTAIN A REVISED DRAWING FROM THE ARCHITECT BEFORE INSTALLING ANY WORK WHICH MAY BE AFFECTED.
2. ALL LINES SHOWN ARE NEW UNLESS NOTED OTHERWISE.
3. FINAL GAS & WATER CONNECTIONS TO HEATING EQUIPMENT SHALL BE BY HEATING CONTRACTOR.
4. ALL PLUMBING LINES IN BUILDINGS SHALL BE RUN CONCEALED ABOVE CEILINGS, IN PARTITIONS, ETC. UNLESS OTHERWISE NOTED ON PLANS.
5. ALL GAS COCKS IN YARD BOXES SHALL BE CONSPICUOUSLY MARKED "GAS"

5 GENERAL NOTES

APPROVED
GLENN G. VINCE
STATE FIRE MARSHALL
BY _____
DATE APR 8 1983

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1983
APPLICATION NO. Per _____

1 PLUMBING PLOT PLAN

SCALE: 1" = 40'-0"

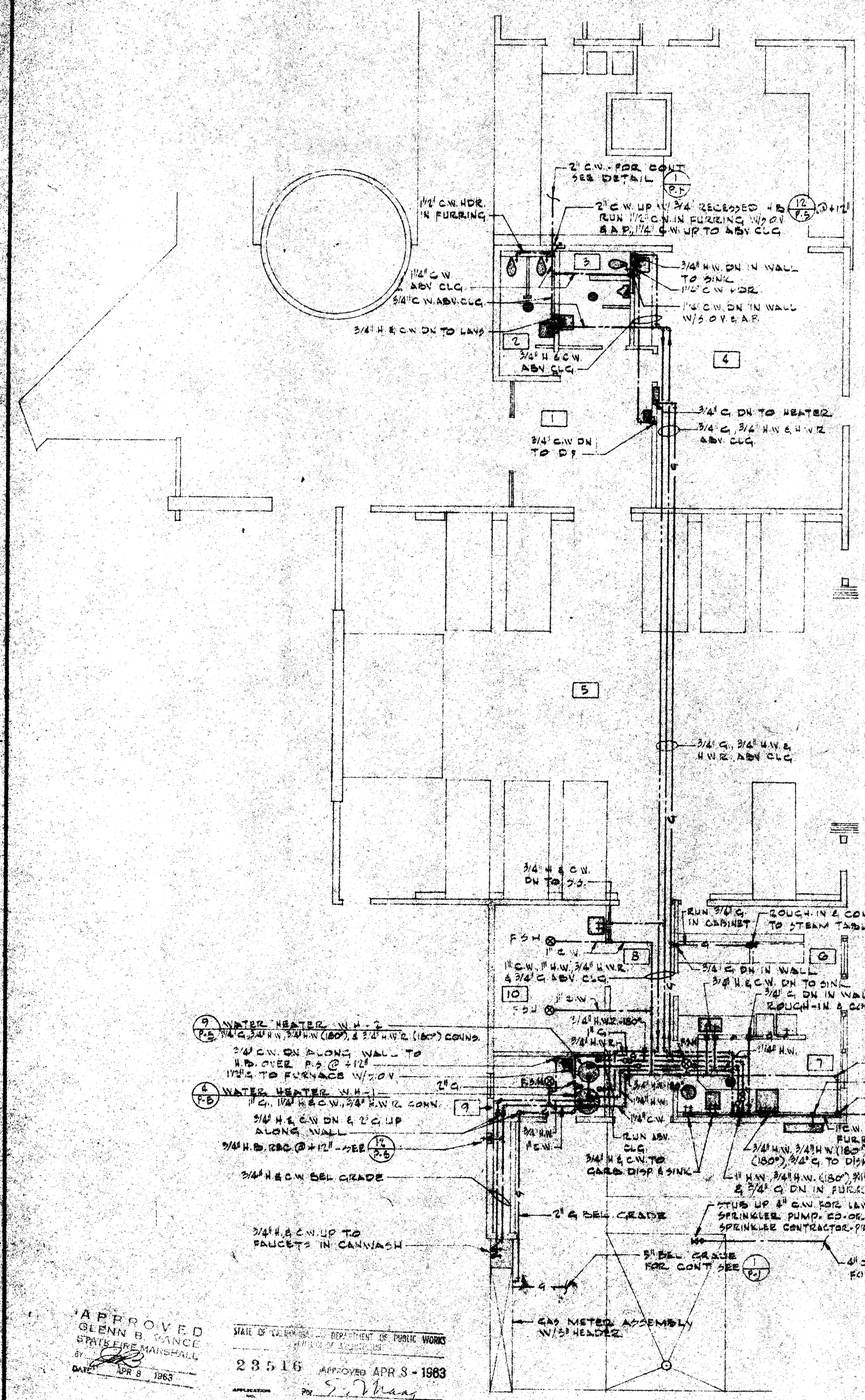
APPROVED: _____ ARCHITECT _____ ENGINEER
APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE — APPL NO. _____ DATE _____ PRINCIPAL STRUCTURAL ENGINEER
APPROVED: FOR THE DISTRICT _____

GOLDENWEST SCHOOL
WESTMINSTER SCHOOL DISTRICT FOR THE
GOLDENWEST AT HOOD
WESTMINSTER, CALIFORNIA

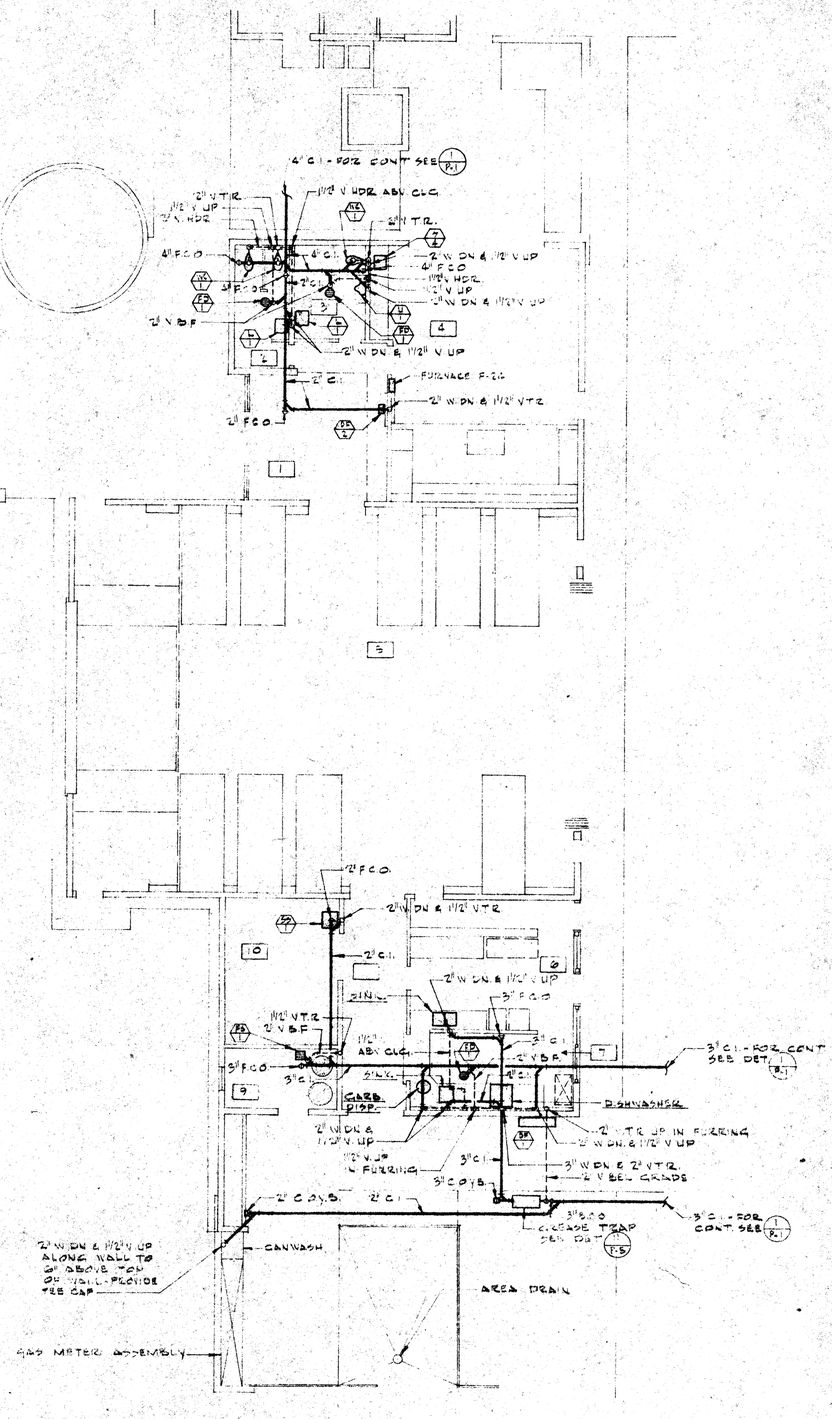
P & K COMPANY
MECHANICAL ENGINEERING
6311 NORTH FIGUEROA 254-3492
LOS ANGELES 42, CALIFORNIA

LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

BLK
DATE OF DRAWING
DRAWN BY
DRAWING NO. P-1
OF



1 PLUMBING PLAN - UNIT MP WATER & GAS PIPING SCALE: 1/8" = 1'-0"



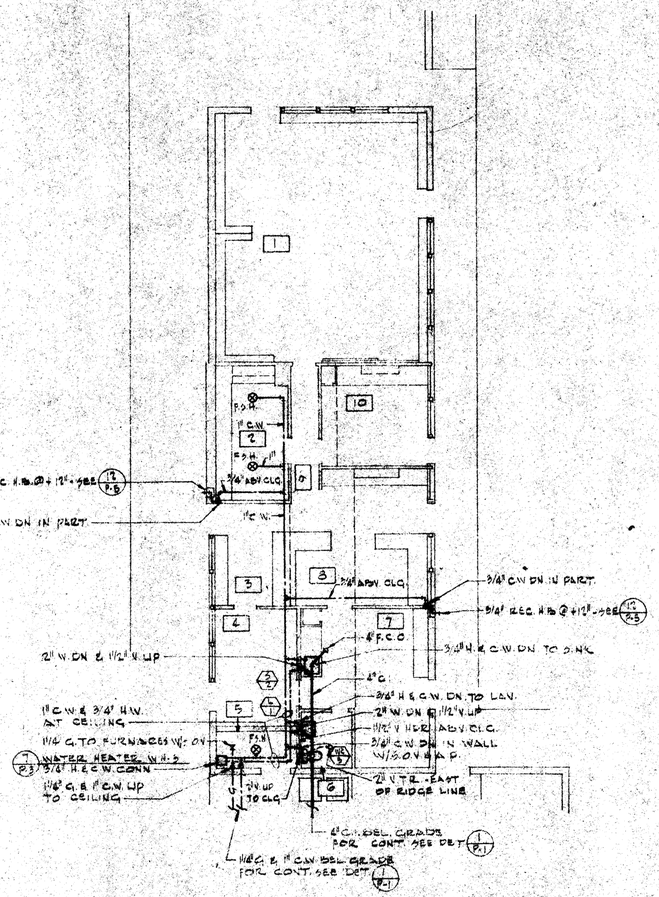
2 PLUMBING PLAN - UNIT MP SOIL, WASTE & VENT PIPING SCALE: 1/8" = 1'-0"

APPROVED GLENN B. VANCE STATE FIRE MARSHALL DATE APR 8 1963

STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1963
APPLICATION NO. BY S. Wang

APPROVED: Lee B. Kline ARCHITECT / ENGINEER John A. Porter	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE APPL. NO. DATE PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT Ada Clegg Custos Edwards	GOLDENWEST SCHOOL WESTMINSTER SCHOOL DISTRICT FOR THE GOLDENWEST AT HOOD WESTMINSTER, CALIFORNIA	P & K COMPANY MECHANICAL ENGINEERING 6211 NORTH FIGUEROA 254-3497 LOS ANGELES 42, CALIFORNIA	LEE B. KLINE, ARCHITECT, A.I.A. 963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241	DATE OF DRAWING / DRAWN BY / DRAWING NO. P-2 / OF

MP (42)

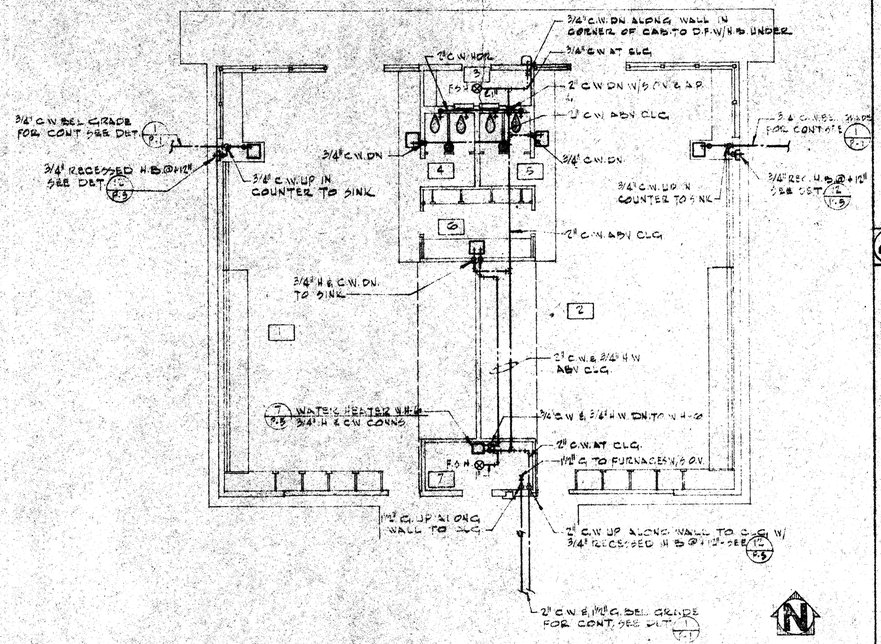


APPROVED
GLENN E. VANCE
STATE ARCHITECT
DATE APR 8 1963

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1963
APPLICATION NO. By C. Wing

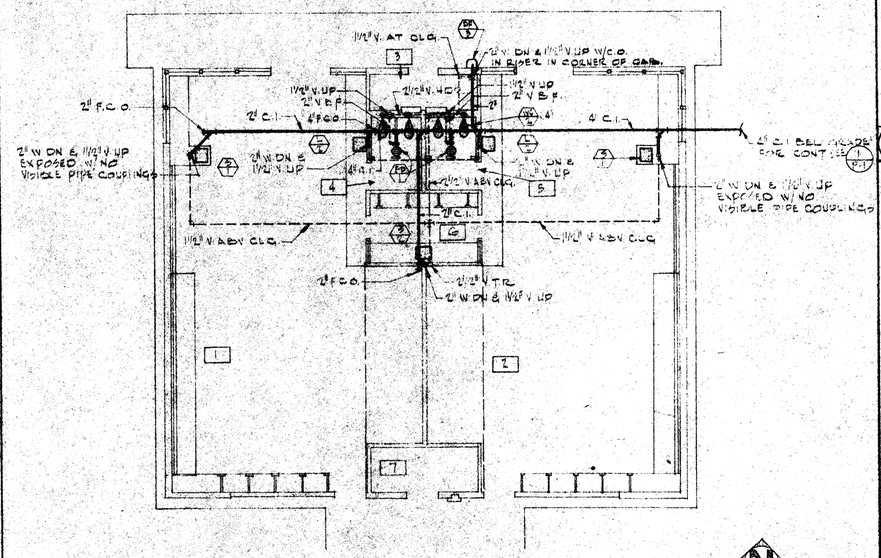
1 PLUMBING PLAN UNIT AL

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



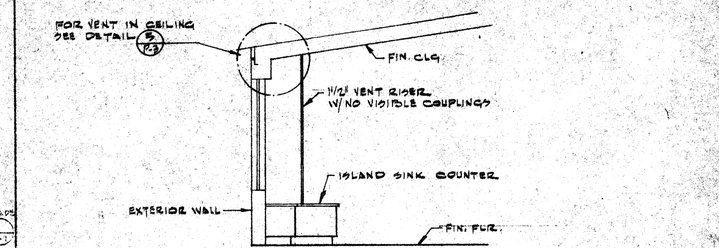
2 PLUMBING PLAN UNIT K

WATER & GAS PIPING SCALE: 1/8" = 1'-0"



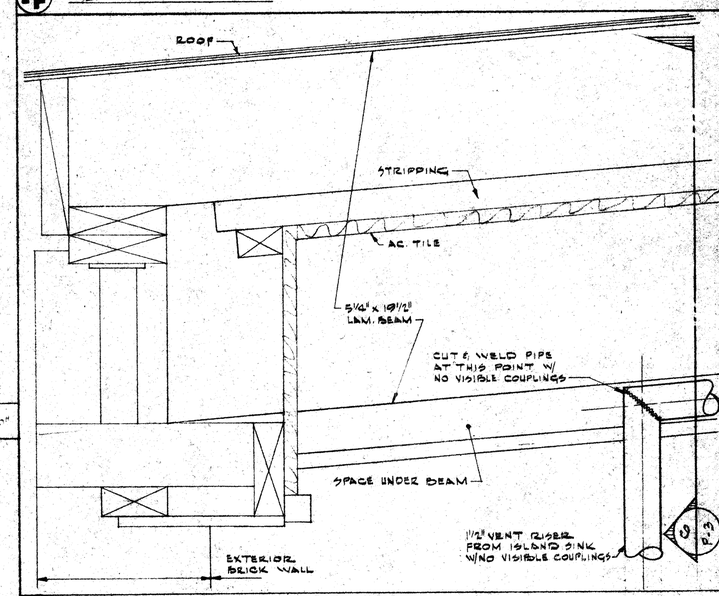
3 PLUMBING PLAN UNIT K

WASTE & VENT PIPING SCALE: 1/8" = 1'-0"



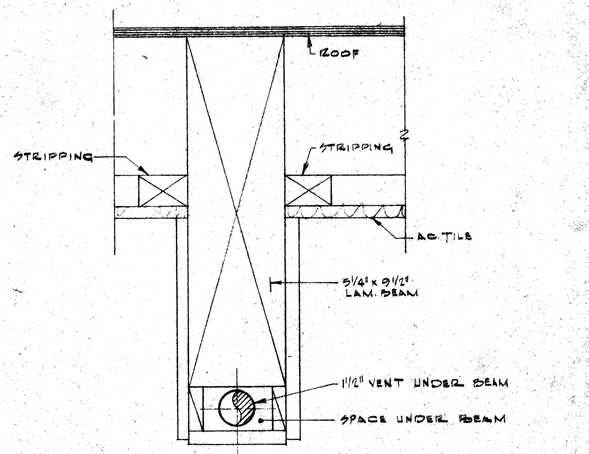
4 DETAIL

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



5 DETAIL

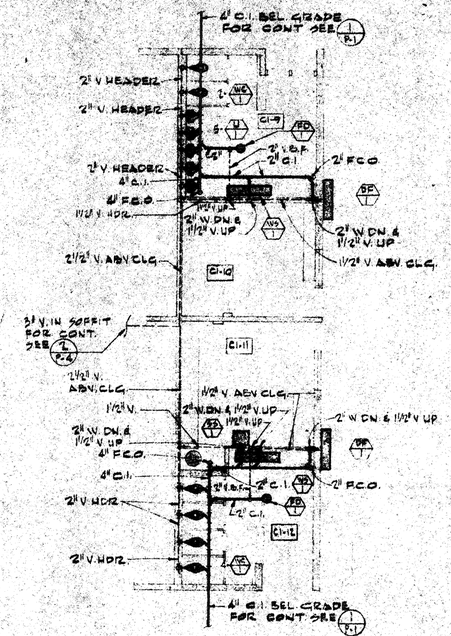
SCALE: 3" = 1'-0"



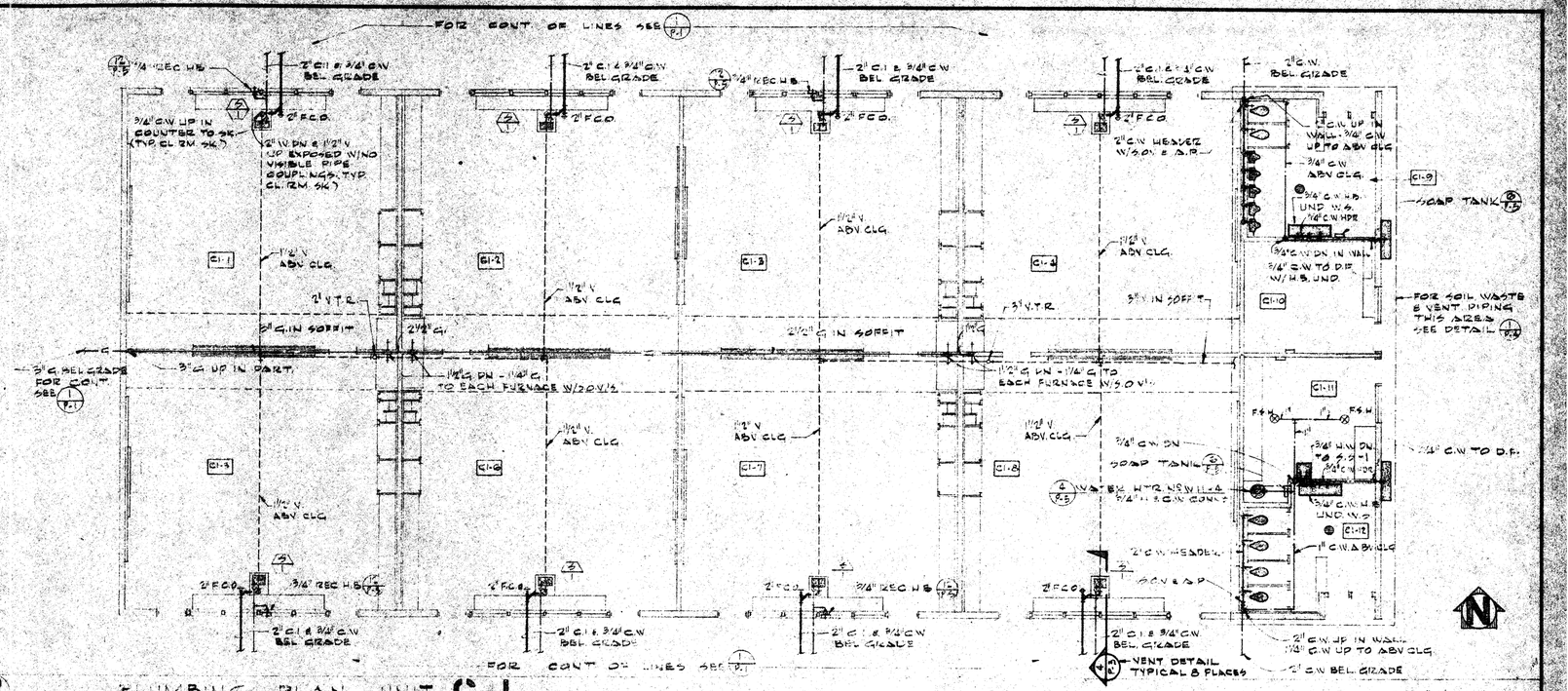
6 SECTION

SCALE: 3" = 1'-0"

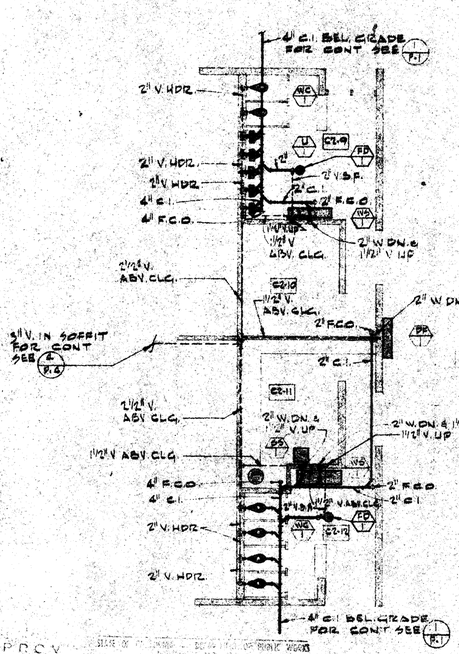
APPROVED: Lee B. Kline, ARCHITECT; [illegible], ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE; APPL. NO. ____; DATE ____; PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT Ada Clegg, Custer Bloomker	GOLDENWEST SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT GOLDENWEST AT HOOD WESTMINSTER, CALIFORNIA	P & K COMPANY MECHANICAL ENGINEERING 6311 NORTH FIGUEROA 254-3497 LOS ANGELES 42, CALIFORNIA	LEE B. KLINE, ARCHITECT, A.I.A. 963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241	DATE OF DRAWING; DRAWN BY; DRAWING NO. P-3; OF



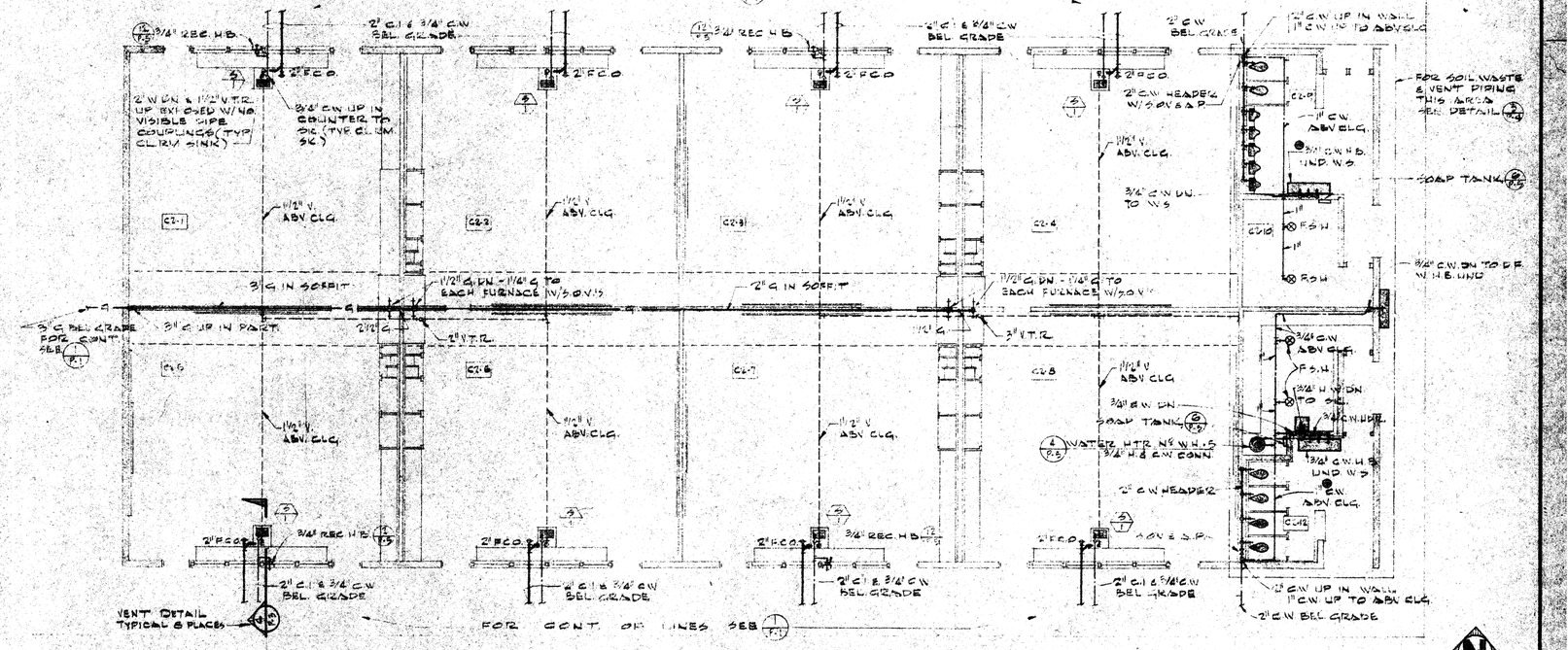
1 UNIT C-1 PART PLAN - SOIL, WASTE & VENT PIPING SCALE: 1/8"=1'-0"



2 PLUMBING PLAN UNIT C-1



3 UNIT C-2 PART PLAN - SOIL, WASTE & VENT PIPING SCALE: 1/8"=1'-0"



4 PLUMBING PLAN UNIT C-2

APPROV... STATE OF CALIFORNIA ... PUBLIC WORKS
GLENN B. ...
STATE ... 28516 ... 1963
BY ...
DATE APR. 5 1963 ...

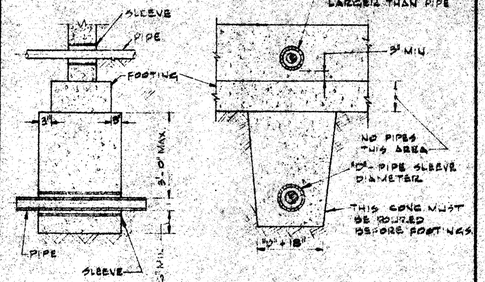
APPROVED: ARCHITECT / ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE — APPL. NO. / DATE / PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT	GOLDENWEST SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT, GOLDENWEST & WOOD, WESTMINSTER, CALIFORNIA

P & K COMPANY — MECHANICAL ENGINEERING — 631 NORTH ROSSMORE 254-3697 — LOS ANGELES 42, CALIFORNIA

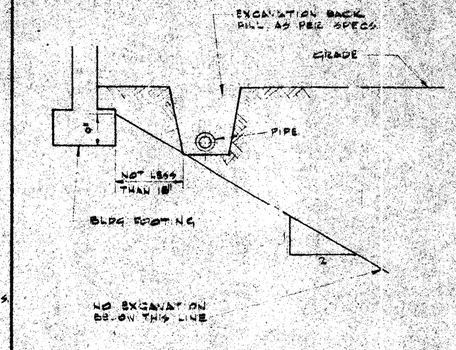
LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

DATE OF DRAWING — DRAWN BY — DRAWING NO. P-4 — OF

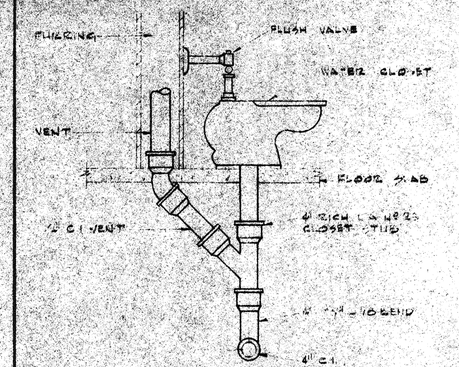
C-1 C-2



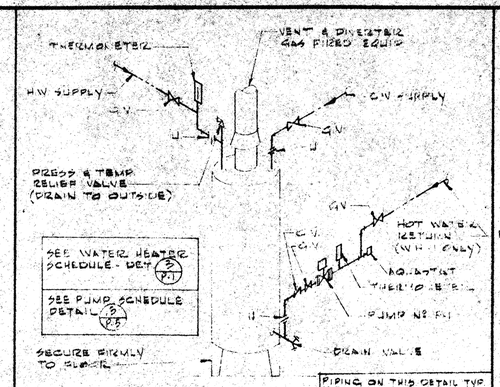
1 PIPES AT FOOTINGS



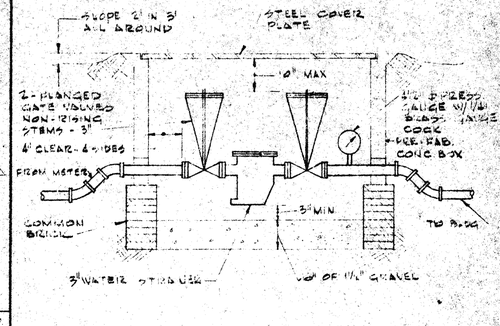
2 PIPES AT FOOTINGS



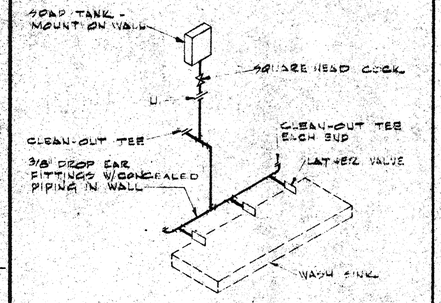
3 TYPICAL WATER CLOSET



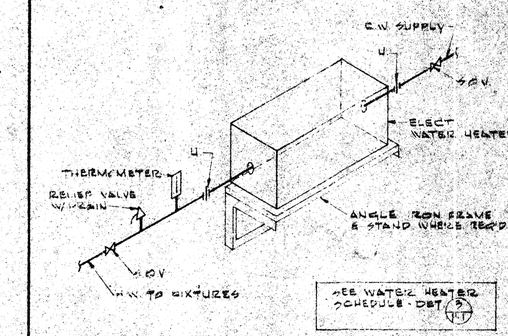
4 WATER HEATER PIPING



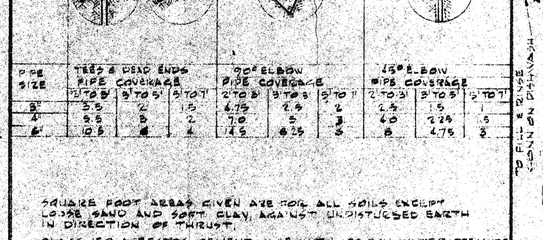
5 WATER STRAINER ASSEMBLY



6 SOAP TANK ASSEMBLY



7 ELECTRIC WATER HEATER



PIPE SIZE	TEES & DEAD ENDS PIPE COVERAGE 2" TO 3"	3" TO 5"	5" TO 7"	90° ELBOW PIPE COVERAGE 2" TO 3"	3" TO 5"	5" TO 7"	45° ELBOW PIPE COVERAGE 2" TO 3"	3" TO 5"	5" TO 7"
3"	3.5	2	1.5	4.75	2.5	2	2.5	1.5	1
4"	5.5	3	2	7.0	5	3	4.0	2.25	1.5
6"	10.5	6	4	14.5	10.25	6	8	4.75	3

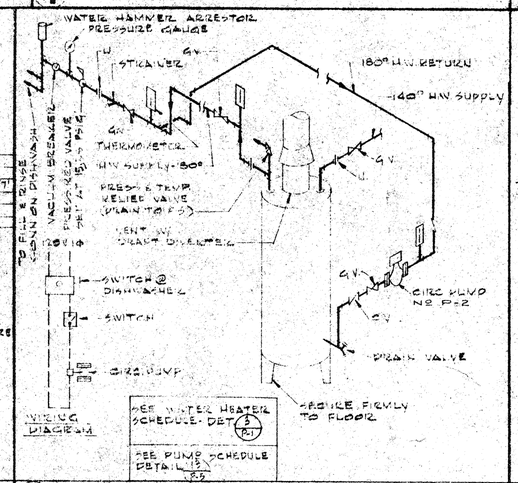
SQUARE FOOT AREAS GIVEN ARE FOR ALL SOILS EXCEPT LOOSE SAND AND SOFT CLAY, AGAINST UNDISTURBED EARTH IN DIRECTION OF THRUST.

CLASS 150 ASBESTOS CEMENT PIPE WITH 150 P.S.I. WATER PRESSURE

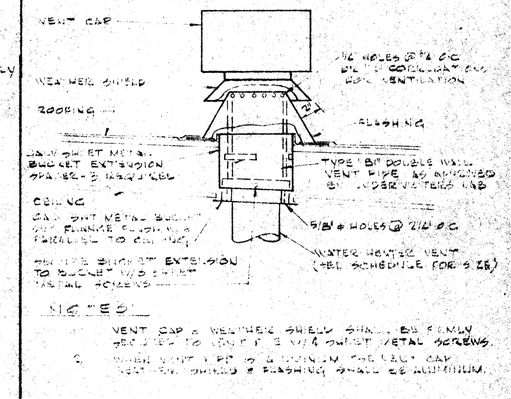
EXCEPT AS NOTED IN OTHER PARTS OF PLANS & SPECIFICATIONS INSTALLATION OF PIPE & FITTINGS SHALL BE AS OUTLINED IN MANUALS AS PUBLISHED BY THE MANUFACTURERS.

TRENCH - MINIMUM OF 24" OR 30" ABOVE TOP OF PIPE

8 THRUST BLOCK



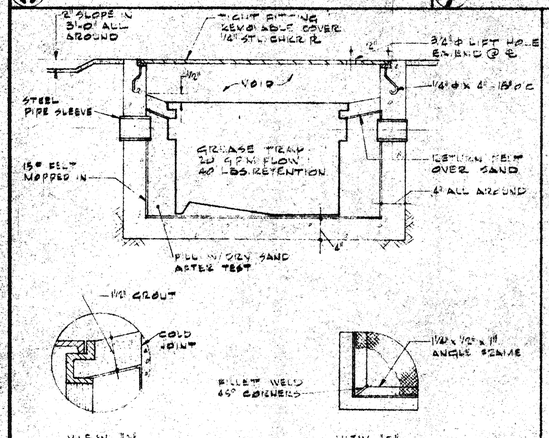
9 WATER HEATER PIPING



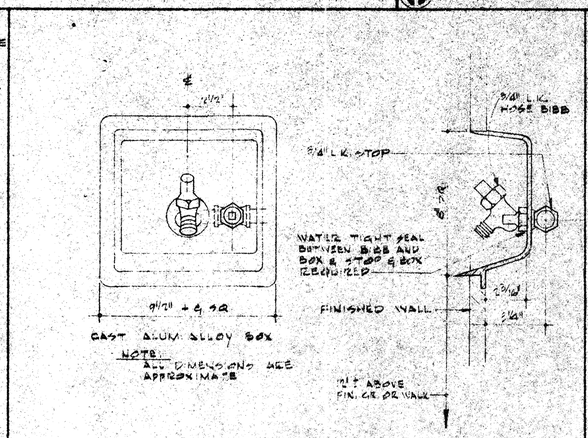
NOTES:

1. VENT CAP & WEATHER SHIELD SHALL BE FIRMLY SECURED TO VENT PIPE WITH RUST METAL SCREWS.
2. WHERE VENT PIPE IS ALUMINUM, THE VENT CAP, WEATHER SHIELD & FLASHING SHALL BE ALUMINUM.

10 VENT ASSEMBLY



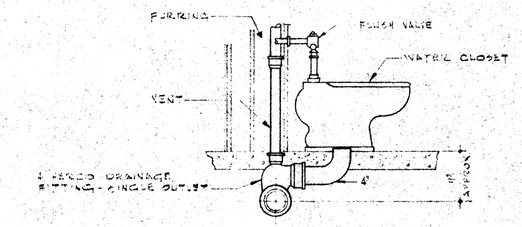
11 GREASE TRAP



12 RECESSED HOSE BIBB

MARK	MANUFACTURER	MODEL Nº	G.P.M.	HEAD	H.P.	ϕ	~	R.P.M.	LOCATION
P-1	BELL & GOSSETT	75	10	7	1/6	120	1	60	1750	UNIT MP
P-2	BELL & GOSSETT	75	10	7	1/6	120	1	60	1750	UNIT MP

13 CIRCULATING PUMP SCHEDULE



14 TYPICAL WATER CLOSET

APPROVED: _____ ARCHITECT _____ ENGINEER

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
APPL. NO. 23516 DATE APPROVED APR 8 - 1963
PRINCIPAL STRUCTURAL ENGINEER

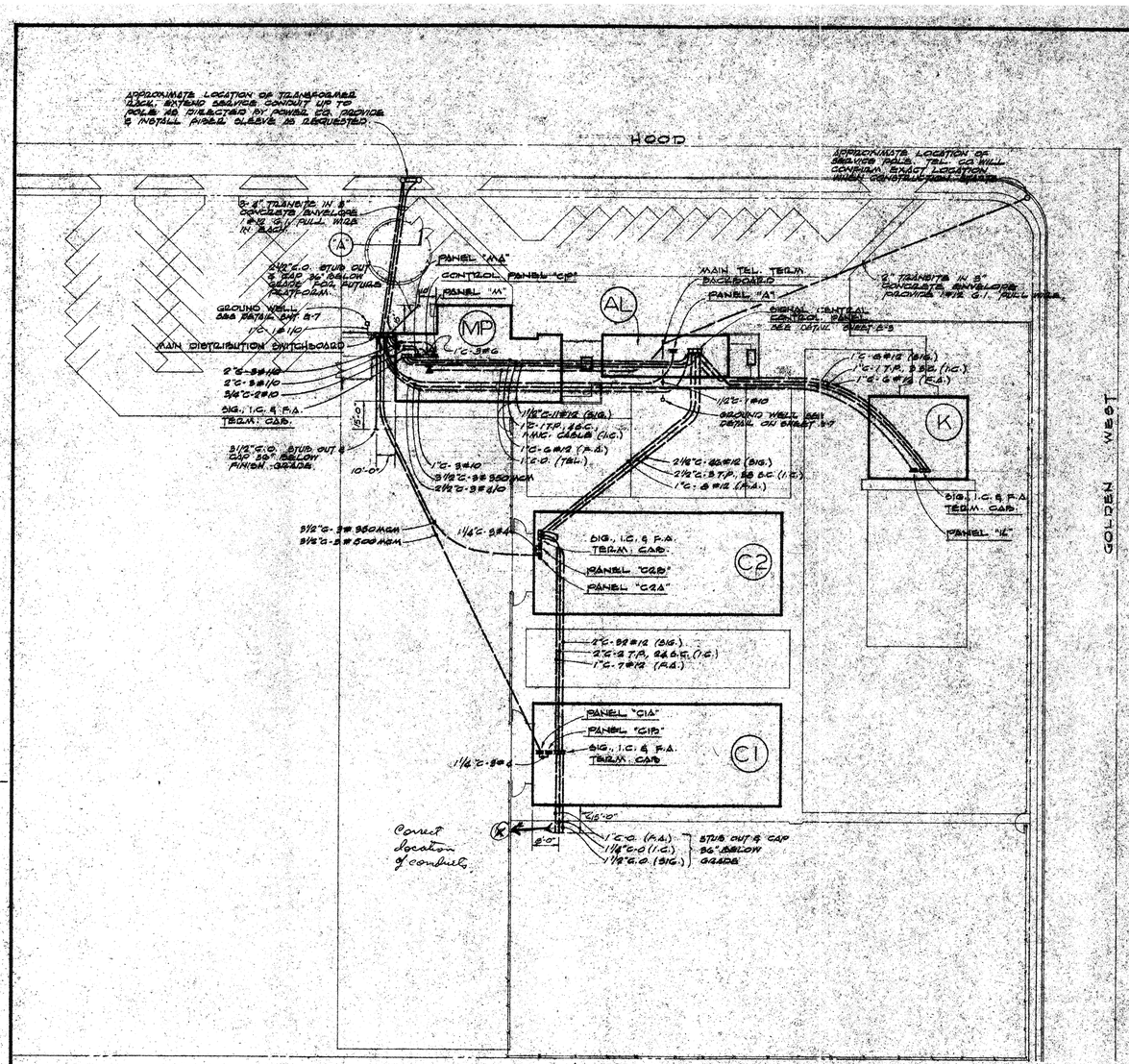
APPROVED: FOR THE DISTRICT Ada Ellegg

GOLDENWEST SCHOOL
WESTMINSTER SCHOOL DISTRICT
GOLDENWEST AT HOOD
FOR THE
WESTMINSTER, CALIFORNIA

P & K COMPANY
MECHANICAL ENGINEERING
6311 NORTH FIGUEROA 254-3497
LOS ANGELES 42, CALIFORNIA

LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

DATE OF DRAWING
DRAWN BY
DRAWING NO. P-5
OF



LOAD SCHEDULE

DESCRIPTION	ΦA	ΦB	ΦC
PANEL "C1A"	45360		
FUTURE	28000		
PUMP	6,080		
F.A. POWER SUPPLY	1200		
PANEL "C2A"		45180	
PANEL "K"		18420	
PANEL "A"		20420	
EXIT LIGHTS		1000	
PANEL "M"			20,580
PANEL "MA"			23,760
FUTURE PLATFORM			30,000
TOTAL	86020	85020	74,480

NAMEPLATE SCHEDULE

PHASE "A"

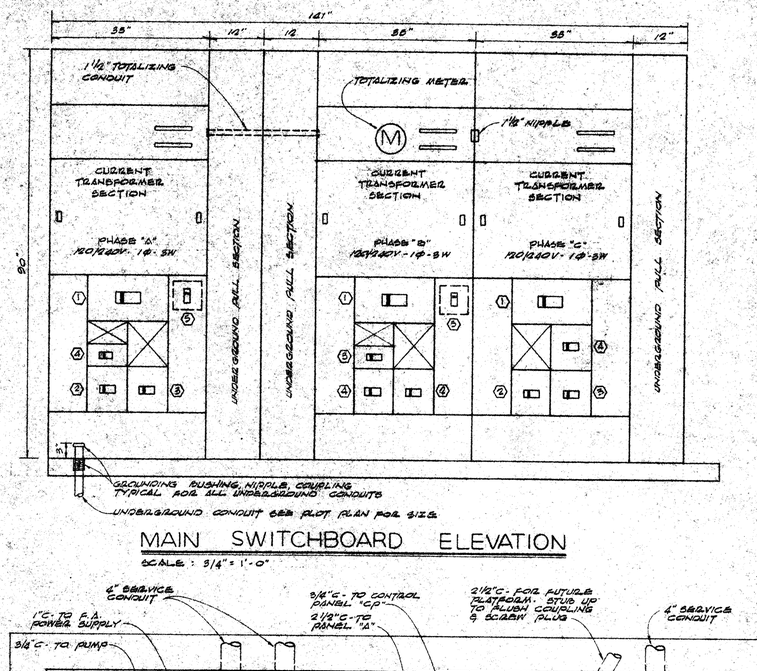
1. 400A-2P MAIN BREAKER
2. 200A-2P PANEL "C1A"
3. PROVIDE BLANK NAMEPLATE ONLY
4. 50A-2P PUMP
5. 20A-2P F.A. POWER SUPPLY

PHASE "B"

1. 400A-2P MAIN BREAKER
2. 200A-2P PANEL "C2A"
3. 100A-2P PANEL "K"
4. 125A-2P PANEL "A"
5. 20A-1P EXIT LIGHTS

PHASE "C"

1. 400A-2P MAIN BREAKER
2. 125A-2P PANEL "M"
3. 125A-2P PANEL "MA"
4. PROVIDE BLANK NAMEPLATE ONLY

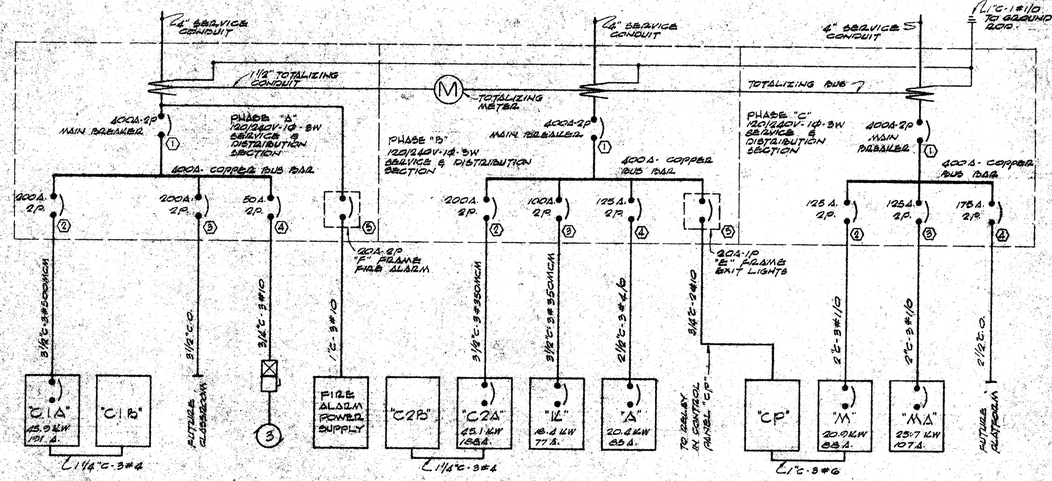


MAIN SWITCHBOARD ELEVATION

SCALE: 3/4"=1'-0"

SWITCHBOARD TEMPLATE

SCALE: 3/4"=1'-0"

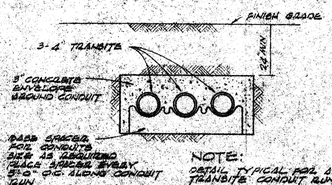


ONE LINE DISTRIBUTION DIAGRAM

120/240V.-1Φ 3WIRE

PLOT PLAN

SCALE: 1"=40'-0"



DUCT BANK DETAIL "A"

NOT TO SCALE

APPROVED: GLENN B. VANCE STATE FIRE MARSHALL BY: DATE APR 8 1963

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1963
APPLICATION No. By: STRUCTURAL ENGINEER

APPROVED: ARCHITECT Earl L Holmberg ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE APPL. NO. DATE PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT Curtis Olsen Inc

GOLDENWEST SCHOOL
WESTMINSTER SCHOOL DISTRICT
GOLDENWEST AT HOOD
FOR THE WESTMINSTER, CALIFORNIA

EARL L. HOLMBERG AND ASSOCIATES
ELECTRICAL ENGINEERS
2525 HYPERION NO. 4-2921
LOS ANGELES 27, CALIFORNIA

LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

BK
DATE OF DRAWING
DRAWN BY
DRAWING NO. E-1
OF

PANEL "M"

120/240V - 1Φ 3WIRE FLUSH

CIR. NO.	OUTLETS LTG	OUTLETS REC	LOCATION	BKR. AMPS TRIP	BUS A	BUS B
1			CONTROL PANEL "CP"	50A-2P	2700	
2	2		ANTE ROOM	20A-1P	360	
3			P.A. WIGHT #1	—		2700
4	2		ANTE-ROOM	20A-1P		360
5			SPARE			
6	2		ANTE-ROOM		360	
7			SPARE			
8	6		ANTE-ROOM			1080
9	8		FOYER		1440	
10	6		TEACHER'S DINING		1800	
11	4	2-FAN	MEN WOMEN			1080
12	2		TEACHER'S DINING			400
13	6		HALL, STOR. MTR.		1080	
14	8		EXTERIOR		1440	
15	6		KITCHEN, DISHWASHING			1600
16	8		EXTERIOR			1440
17	8		EXIT LIGHTS		1440	
18			CONTACTOR CONTROL		200	
19	5		EXT. FLOODS & FOYER			1440
20			SPARE			
21			FUTURE FLOODS			
22			SPARE			
23			FUTURE FLOODS			
24			SPARE			
TOTAL 20920VA @ 120/240V-1Φ = 88A.					10820	10100

PANEL "MA"

120/240V - 1Φ 3WIRE FLUSH

CIR. NO.	OUTLETS LTG	OUTLETS REC	LOCATION	BKR. AMPS TRIP	BUS A	BUS B
1		2	STOR., MULTI-PURPOSE	20A-1P	400	
2		2	MULTI-PURPOSE		400	
3		3	PLATFORM			600
4		1	TEACHER'S			500
5		2-FAN	KITCHEN		580	
6		3	FOYER, TEACHER'S		600	
7		1	KITCHEN			1000
8		4	TEACHER'S			500
9		1	KITCHEN		1000	
10		1/3 HP			500	
11		1				500
12		1/6 HP	DISHWASHING			220
13		3-FAN	KIT., DISH., HALL		540	
14		1	HEATER, R.M.		500	
15		1	KITCHEN			900
16		1 1/2 HP	HEATER, R.M.			260
17		1 1/2 HP	HEATER, R.M.		260	
18			SPARE			
19		J-BOX	CONTROLLER			180
20			SPARE			
21						
22						
23						
24						
25		2 1/2 HP	HEATER, R.M.	20A-2P	1180	
26		1/2 HP	FLY FAN	15A-2P	590	
27		—	2P. W/CKT #25	—		1180
28		—	2P. W/CKT #26	—		590
29		1	120V-1Φ T.V. REC	20A-1P	500	
30		1/2 HP	COMPRESSOR	15A-2P	590	
31		—	2 P. W/CKT # 29	—		500
32		—	2P. W/CKT # 30	—		590
33		1 HP	DISHWASHER	20A-2P	960	
34		1	RANGE	50A-2P	4000	
35		—	2P. W/CKT. # 33	—		960
36		—	2 P. W/CKT # 34	—		4000
TOTAL 25760VA @ 120/240V-1Φ = 107A.					12050	12770

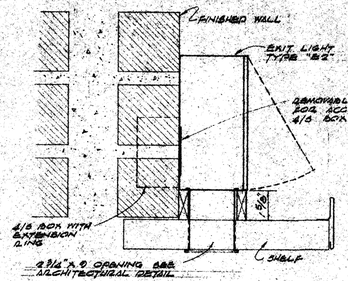
CONTROL PANEL "CP"

120/240V - 1Φ 3WIRE FLUSH

CIR. NO.	OUTLETS LTG	OUTLETS REC	LOCATION	BKR. AMPS TRIP	BUS A	BUS B
1	5		MULTI-PURPOSE	20A-1P	1500	
2	4					1200
3	4				1200	
4	5					1500
5			SPARE			
6						
7						
8			SPARE			
TOTAL 5400@120/240V-1Φ = 23A					2700	2700

APPROVED
CLENN B. VANCE
STATE FIRE MARSHALL
BY
DATE APR 8 1963

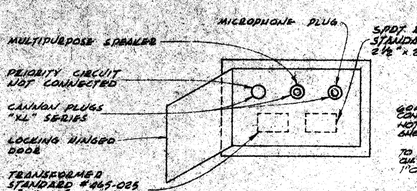
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 23516
APPROVED APR 8 - 1963
BY
DATE



SHELF

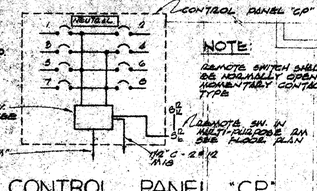
EXIT LIGHT MOUNTING DETAIL

SCALE: NONE



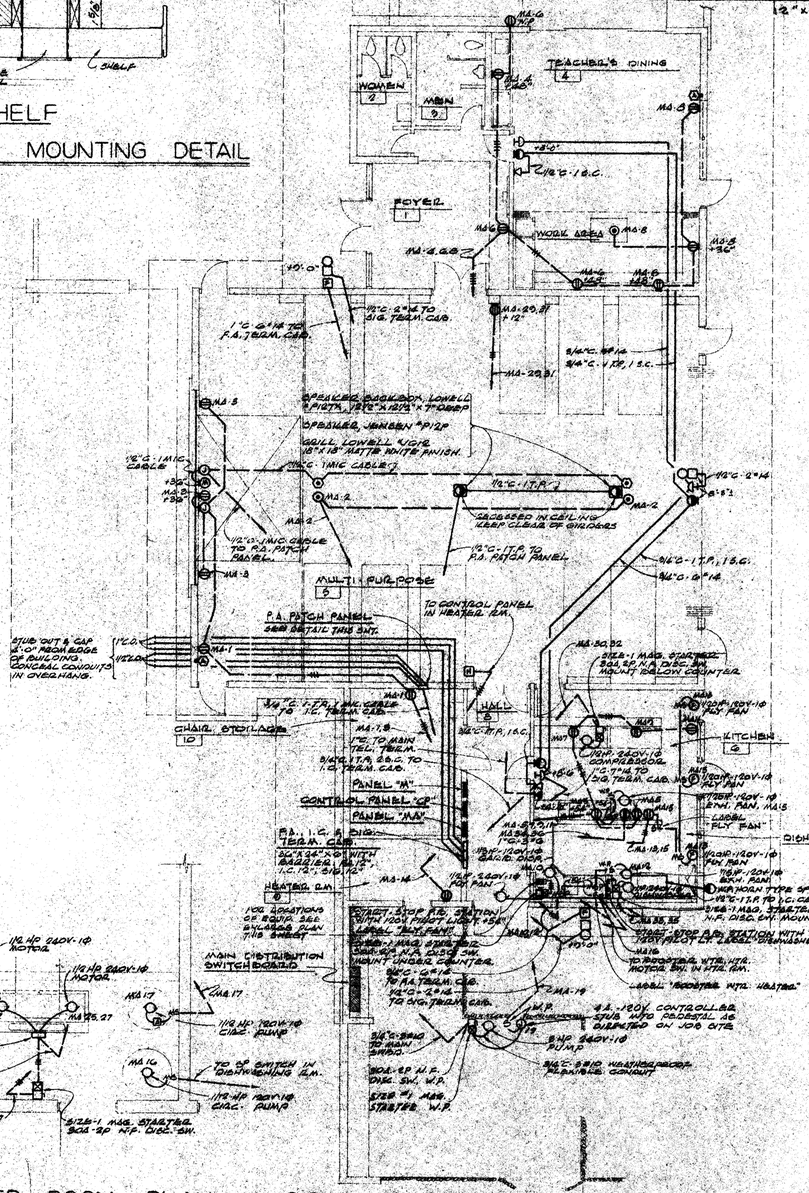
P A PATCH PANEL

12" x 8" x 4"



CONTROL PANEL "CP"

SEE NOTES THIS SHEET

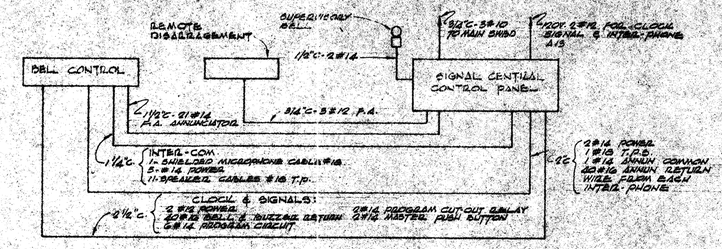

WOMEN
MEN
TEACHER'S DINING
FOYER
KITCHEN
HALL
MULTIPURPOSE
STAGE
PLATFORM
CHAIR STORAGE
DISHWASHING
HEATER R.M.
PANEL "MA"
CONTROL PANEL "CP"
PANEL "M"
P.A. I.C. & DIG. TERM. CAB.
MAIN DISTRIBUTION SWITCH BOARD
1" C. @ 1/4 TO F.A. TERM. CAB.
1/2" C. 2#12 TO DIG. TERM. CAB.
1/2" C. 1 M.C. CABLE
1/2" C. 1 I.T.P. CABLE
1/2" C. 1 M.C. CABLE TO P.A. PATCH PANEL
1/2" C. I.T.P. TO P.A. PATCH PANEL
1/2" C. I.T.P. 18 G.
3/4" C. 6#12
1/2" C. 2#14
1/2" C. I.T.P. TO I.C. TERM. CAB.
3/4" C. I.T.P. 8 G. C. TO I.C. TERM. CAB.
1" C. TO MAIN TERM. CAB.
1" C. TO DIG. TERM. CAB.
1" C. TO CONTROL PANEL IN HEATER R.M.
1" C. TO MAIN SWBD.
1" C. TO P.A. TERM. CAB.
1" C. TO MOTOR BR. IN HTR. RM.
1" C. TO MOTOR BR. IN KITCHEN
1" C. TO MOTOR BR. IN STOR. RM.
1" C. TO MOTOR BR. IN MULTI-PURPOSE RM.
1" C. TO MOTOR BR. IN HTR. RM.
1" C. TO MOTOR BR. IN KITCH.

PANEL "A"

120/240V- 1Φ 3 WIRE — FLUSH

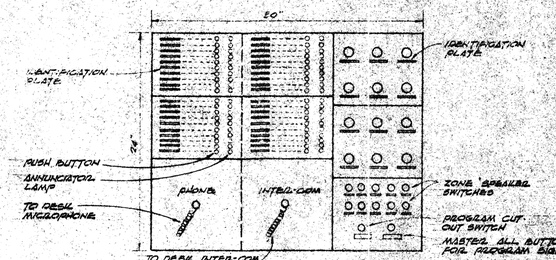
CIR. NO	OUTLETS LTG	OUTLETS REC.	LOCATION	BKR. AMPS	BUS A	BUS B
1	1		LIBRARY	20A-1P	800	
2	8		CAF., CLOCK, PUB.		1280	
3	—		LIBRARY			1150
4	8	1 FAN	NURSE, REST, TOILET, HTG.			1280
5	7		EXTERIOR		980	
6	5		PAIN, HALL, STOR.		1150	
7	7		EXTERIOR			1580
8			SPACE			
9		4	STOR., CLERK, PAIN		800	
10		1	TEL. BACKBOARD		500	
11		4	PAIN., LIBRARY			600
12		2	PUBLIC CLERK			400
13		1 BOX	SIG. CONTROL PANEL		500	
14		1	NURSE		500	
15		1	CLERK			500
16		2	NURSE, CLERK			400
17		1	HTG. RM.		500	
18	8		CORRIDOR		1440	
19		5	TOILET REST			600
20		1 BOX	WATER HEATER			1000
21		6	OFFICE, NURSE		800	
22		1/4HP	HEATER ROOM	15A-1P	700	
23			SPACE	20A-1P		
24		1/4HP	HEATER ROOM	15A-1P		700
25			SPACE	20A-1P		
26						
27						
28						
29						
30		1	HALL	20A-2P	500	
31			SPACE	20A-1P		
32		—	2P. W/CKT #30	—		500
TOTAL 20620 @ 120/240V-1Φ = 864					11210	8910

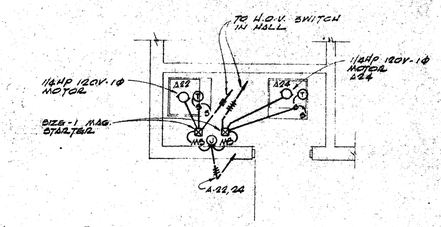
SIGNAL & FIRE ALARM SCHEMATIC DIAGRAM



BELL CONTROL BOARD

SCALE: NONE



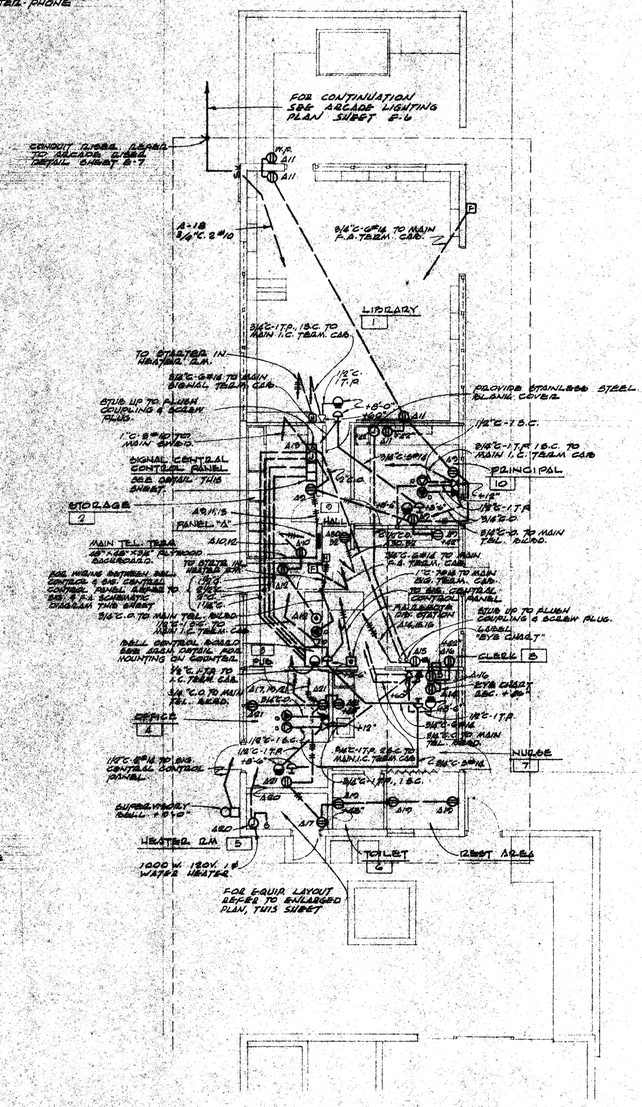


HEATER ROOM PLAN

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

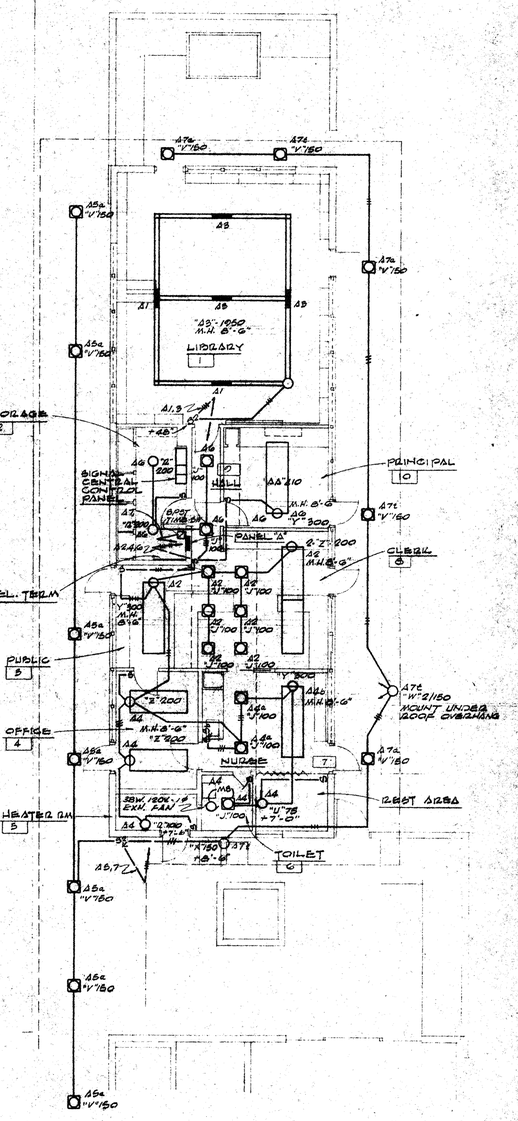
SIGNAL CENTRAL CONTROL PANEL

SCALE: 3/4" = 1'-0"



SIGNAL & RECEPTACLE PLAN - UNIT "AL"

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



LIGHTING PLAN - UNIT "AL"

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

APPROVED: GLENN B. [illegible] STATE FIRE MARSHALL
BY [signature] DATE APR 8 1963

STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS
23516 APPROVED APR 8 - 1963
APPLICATION NO. For E. J. Haas DIVISION OF ARCHITECTURE

APPROVED: [signature] ARCHITECT; Earl L. Holmberg ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE; APPL. NO.; DATE; PRINCIPAL STRUCTURAL ENGINEER	APPROVED FOR THE DISTRICT [signature] [signature]

GOLDENWEST SCHOOL
WESTMINSTER SCHOOL DISTRICT
GOLDENWEST AT HOOD
FOR THE
WESTMINSTER, CALIFORNIA

EARL L. HOLMBERG AND ASSOCIATES
ELECTRICAL ENGINEERS
2525 HYPERION AVE. 27
LOS ANGELES 27, CALIFORNIA

LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

BLK

DATE OF DRAWING
DRAWN BY
DRAWING NO. E-3
OF

UNIT AL (48)

PANEL "CIA"

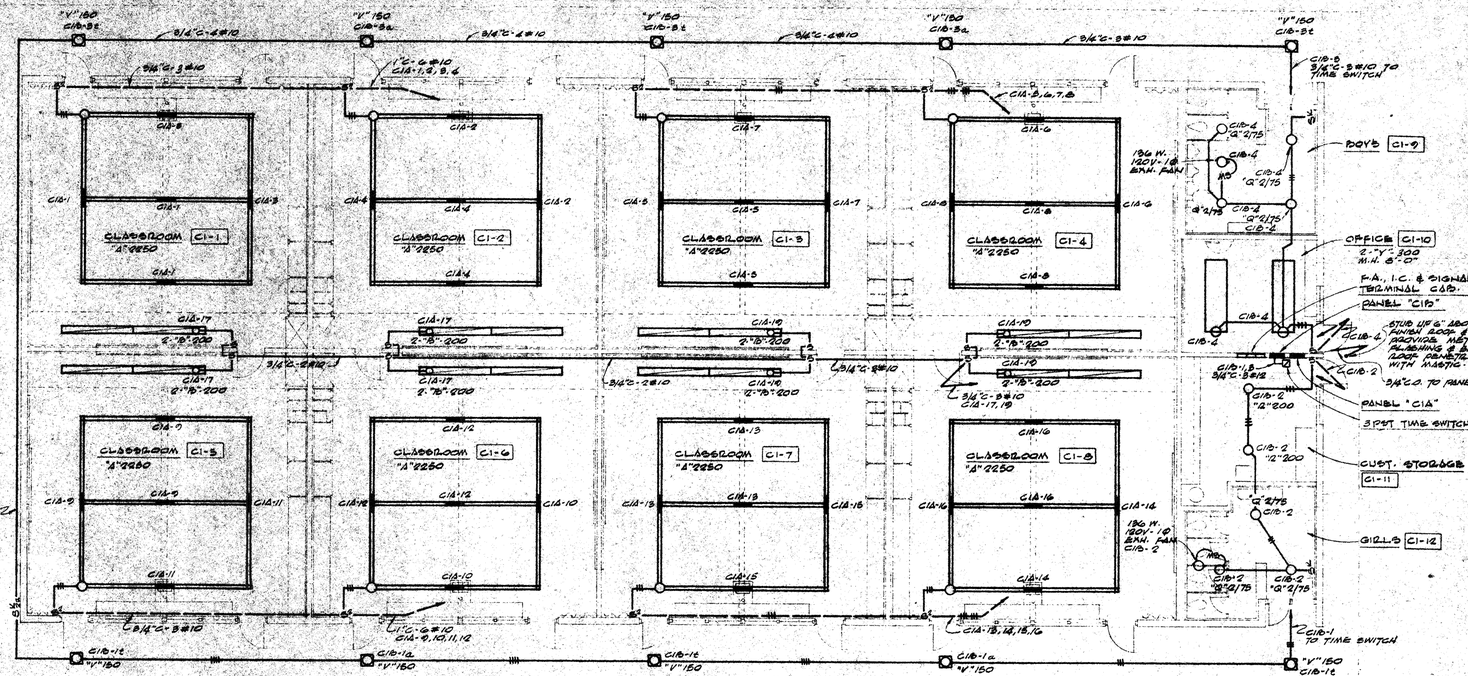
120/240 V. - 1Φ 3 WIRE — FLUSH

CIR. NO.	OUTLETS LTG	OUTLETS REC.	LOCATION	BUS A	BUS B	BUS C
1	1		CLASSROOM C1-1	20A-1P	1350	
2	1		C1-2		900	
3	-		C1-1			900
4	-		C1-2			1350
5	1		C1-3		1350	
6	1		C1-4		900	
7	-		C1-3			900
8	-		C1-4			1350
9	1		C1-5	1350		
10	1		C1-6	900		
11	-		C1-5			900
12	-		C1-6			1350
13	1		C1-7	1350		
14	1		C1-8	900		
15	-		C1-7			900
16	-		C1-8			1350
17	4		CLASS AM. CI-1,2,5,6	1600		
18		3	CLASSROOM C1-1	540		
19	4		CLASS AM. CI-3,4,7,8			1600
20		3	CLASSROOM C1-5			540
21		3	C1-2	540		
22		3	C1-3	540		
23		3	C1-6			540
24		3	C1-7			540
25		3	C1-4	540		
26		1/3 H.P.	CLASSROOM C1-1	865		
27		3	CLASSROOM C1-8			540
28		1/3 H.P.	C1-2			865
29		1/3 H.P.	C1-5	865		
30		1/3 H.P.	C1-3	865		
31		1/3 H.P.	C1-6			865
32		1/3 H.P.	C1-4			865
33		1/3 H.P.	C1-7	865		
34			SPARE			
35		1/3 H.P.	CLASSROOM C1-8			865
36			SPARE			
37			SPARE	20A-1P		
38			PANEL "C1B"	70A-2P	6260	
39			SPARE	20A-1P		
40			2P. W/CKT. #38	—		7260
41			SPARE	20A-1P		
42			SPARE	20A-1P		
TOTAL 63940 @ 120/240V-1Φ = 101 A.				22660	23280	

PANEL "C1B"

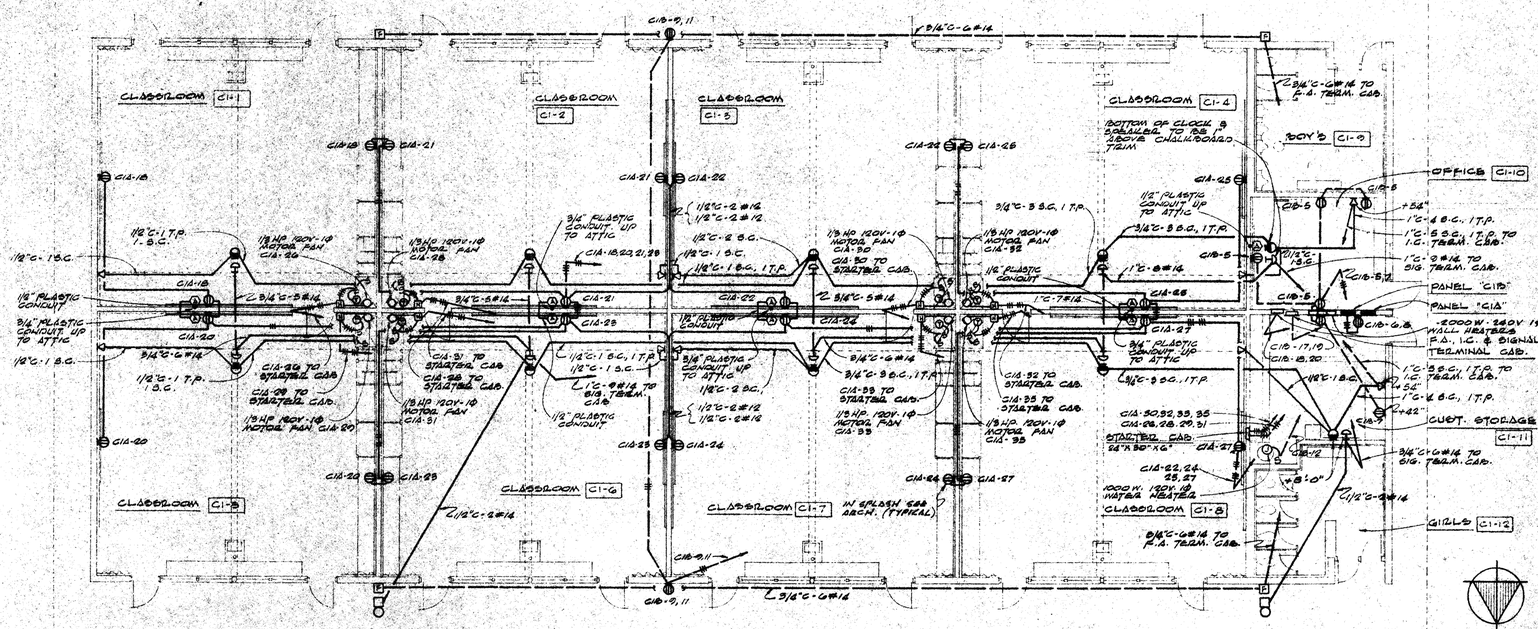
120/240V-1Φ 3 WIRE — FLUSH

CIR. NO.	OUTLETS LTG	OUTLETS REC.	LOCATION	BUS A	BUS B	BUS C
1	5		ENTRANCE	20A-1P	900	
2	8	1 FAN	G.I.A.L.S & STORAGE		1120	
3	5		ENTRANCE			900
4	6	1 FAN	BOYS & OFFICE			1300
5		4	OFFICE		720	
6		1	CUST. STORAGE	20A-2P	500	
7		2	CUST. STORAGE	20A-1P		360
8		-	2P. W/CKT #6	—		500
9		2	ENTRANCE	20A-2P	1000	
10			SPARE	20A-1P		
11		-	2P. W/CKT. #10	—		1000
12		1	WATER HEATER	20A-1P		1000
13			SPARE			
14						
15						
16						
17			WALL HEATER	20A-2P	1000	
18			WALL HEATER	20A-2P	1000	
19			2P. W/CKT. #17	—		1000
20			2P. W/CKT. #18	—		1000
TOTAL 13500W. @ 120/240V-1Φ = 56A.				6240	7040	



LIGHTING PLAN UNIT "C1"

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



SIGNAL & RECEPTACLE PLAN UNIT "C1"

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

APPROVED
GLENN B. VINCE
STATE FIRE MARSHAL
BY
DATE APR 11 1963

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
APPLICATION NO. 23516
APPROVED APR 8 - 1963
Per

APPROVED: ARCHITECT / ENGINEER — Earl L. Holmberg — EE 2246	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE — APPL. NO. — DATE — PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT — Ada Clegg —

GOLDENWEST SCHOOL
WESTMINSTER SCHOOL DISTRICT
GOLDENWEST AT HOOD
FOR THE
WESTMINSTER, CALIFORNIA

EARL L. HOLMBERG
AND ASSOCIATES
ELECTRICAL ENGINEERS
2525 HYPERION NO. 4292I
LOS ANGELES 27, CALIFORNIA

LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

DATE OF DRAWING
DRAWN BY
DRAWING NO. E-4
OF

UNIT C1

PANEL "C2A"

120/240 V - 1Φ 3 WIRE — FLUSH

CIR. NO.	OUTLETS LTG.	OUTLETS REC.	LOCATION	BILL. LTG	BUS A	BUS B
1	1		CLASSROOM C2-1	20A-1P	1950	
2	1		C2-2		900	
3	—		C2-1			900
4	—		C2-2			1950
5	1		C2-3		1950	
6	1		C2-4		900	
7	—		C2-3			900
8	—		C2-4			1950
9	1		C2-5		1950	
10	1		C2-6		900	
11	—		C2-5			900
12	—		C2-6			1950
13	1		C2-7		1950	
14	1		C2-8		900	
15	—		C2-7			900
16	—		C2-8			1950
17	4		CLASS RM. C2-1,2,5,6		1600	
18		8	CLASSROOM C2-1		540	
19	4		CLASSROOM C2-3,4,7,8			1600
20		3	CLASSROOM C2-5			540
21		3	C2-2		540	
22		3	C2-3		540	
23		3	C2-6			540
24		3	C2-7			540
25		3	C2-4		540	
26		1/3 HP	CLASSROOM C2-1		865	
27		3	CLASSROOM C2-8			540
28		1/3 HP	C2-2			865
29		1/3 HP	C2-5		865	
30		1/3 HP	C2-3		865	
31		1/3 HP	C2-6			865
32		1/3 HP	C2-4			865
33		1/3 HP	C2-7		865	
34			SPACE			
35		1/3 HP	CLASSROOM C2-8			865
36			SPACE			
37			SPACE			
38			PANEL "C2B"	70A-3P	7500	
39			SPACE	20A-1P		
40		—	2P. W/CKT # 38	—		5240
41			SPACE	20A-1P		
42			SPACE	20A-1P		

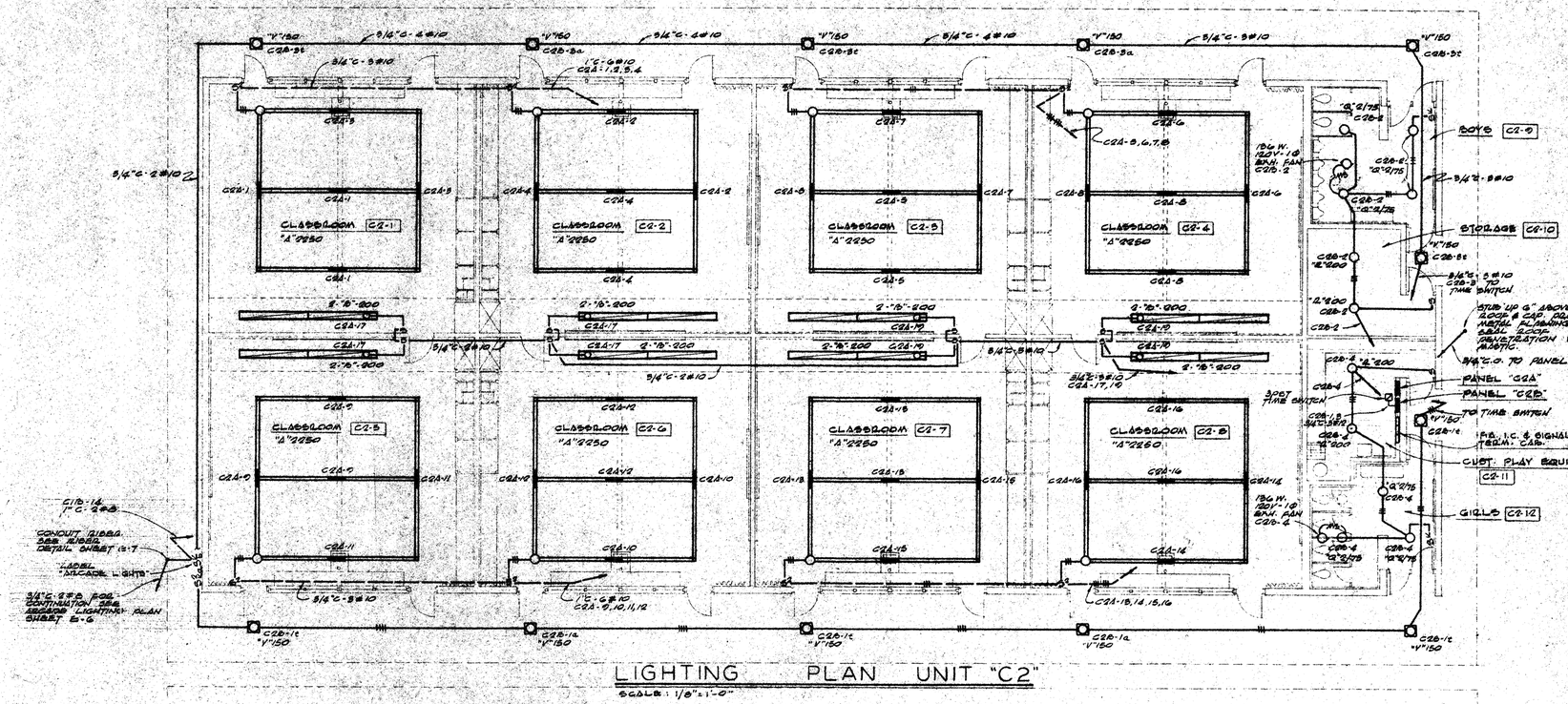
TOTAL 45 180 @ 120/240V-1Φ = 188 A. — 23720 — 21460

PANEL "C2B"

120/240 V - 1Φ 3 WIRE — FLUSH

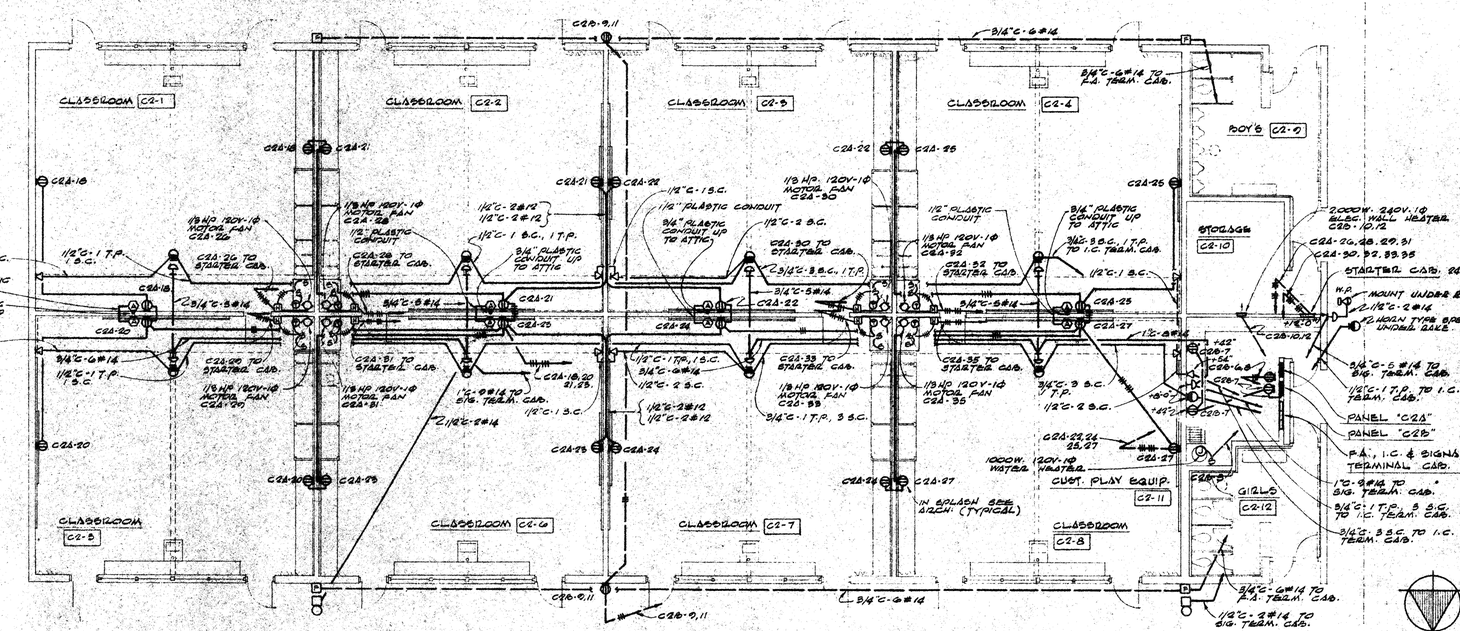
CIR. NO.	OUTLETS LTG.	OUTLETS REC.	LOCATION	BILL. LTG	BUS A	BUS B
1	6		EXTERIOR	20A-1P	1080	
2	6	1 FAN	ROOFS, STORAGE		1300	
3	6		EXTERIOR			1080
4	5	1 FAN	GIRLS, CUST. STOR.			1120
5		1	WATER HTR. STORAGE	20A-1P	1000	
6		1	CUST. PLAY EQUIP	20A-2P	500	
7		8	CUST. PLAY EQUIP.	20A-1P		540
8		—	2P. W/CKT. # 6	—		500
9		2	EXTERIOR	20A-2P	1000	
10		1	ELEC. WALL HEATER	20A-2P	1000	
11		—	2P. W/CKT. # 9	—		1000
12		—	2P. W/CKT. #10	—		1000
13			SPACE	20A-1P		
14	9		ARCADE		1620	
15			SPACE			
16			SPACE			

TOTAL 12740 @ 120/240V-1Φ = 53 A. — 7500 — 5240



LIGHTING PLAN UNIT "C2"

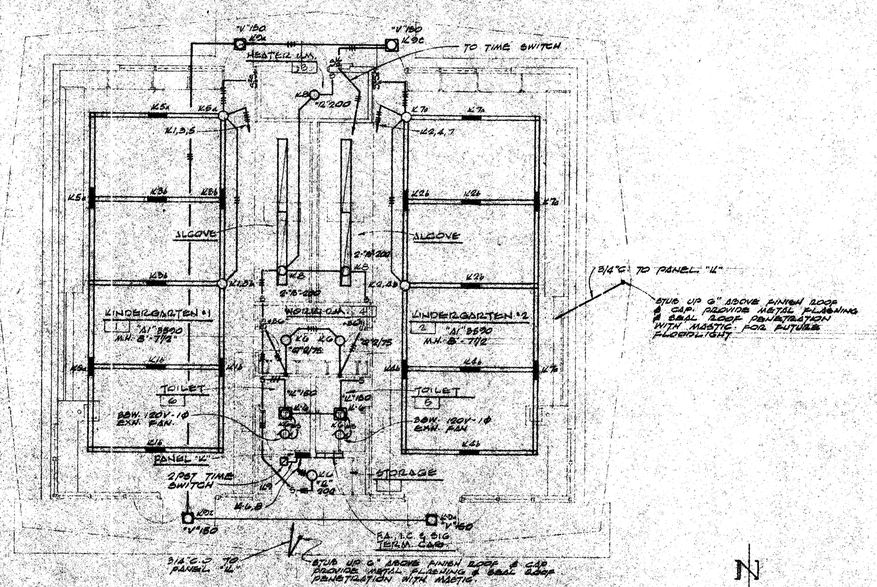
SCALE: 1/8"=1'-0"


CLASSROOM C2-1
CLASSROOM C2-2
CLASSROOM C2-3
CLASSROOM C2-4
CLASSROOM C2-5
CLASSROOM C2-6
CLASSROOM C2-7
CLASSROOM C2-8
BOYS C2-9
STORAGE C2-10
CUST. PLAY EQUIP. C2-11
GIRLS C2-12
1/2"C-1 S.C.
1/2" PLASTIC CONDUIT
3/4" PLASTIC CONDUIT UP TO ATTIC
1/2"C-1 T.P. 1 S.C.
1/2"C-2 S.C.
1/2"C-2 S.C. 1 T.P.
3/4"C-3 S.C. 1 T.P.
1/2"C-2#12 1/2"C-2#12
1/2"C-2#14 1/2"C-2#12
3/4"C-6#14
3/4"C-5#14
2-1/2"C-2#14
1/2"C-2#14 TO P.A. TERM. CAB.
1/2"C-2#14 TO SIG. TERM. CAB.
3/4"C-3 S.C. TO I.C. TERM. CAB.
3/4"C-1 T.P. 3 S.C. TO I.C. TERM. CAB.
1/2"C-1 T.P. TO I.C. TERM. CAB.
1/2"C-1 S.C. TO I.C. TERM. CAB.
1/2"C-2#14 TO SIG. TERM. CAB.
1/2"C-2#14 TO P.A

PANEL "K"

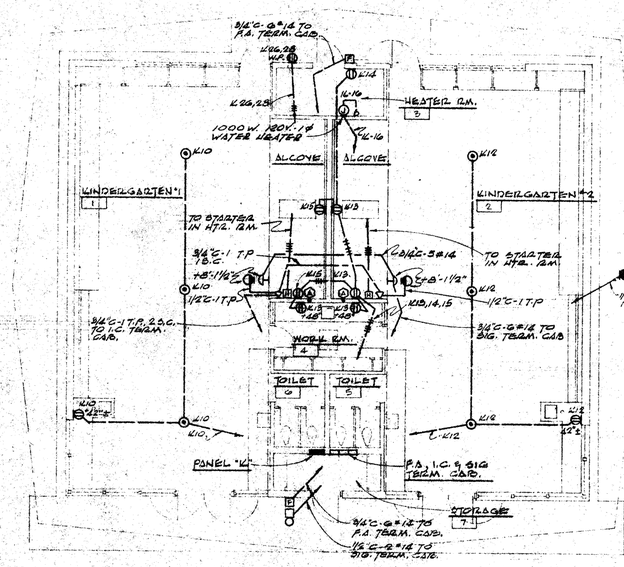
120/240V. 1Φ 3 WIRE — PLUGS

CIR. NO.	OUTLETS LTS.	OUTLETS REC.	LOCATION	LOAD QTY	LOAD	BUS A	BUS B
1	/		KINDERGARTEN #1	20A-1P		1150	
2	"		" #2			1150	
3	"		" #1				1150
4	"		" #2				1150
5	/		" #1			1260	
6	5	2-20A	STOR., TOILET, HALL			1260	
7	/		KINDERGARTEN #2				1260
8	5		ALCOVE, HTR. RM.				990
9	4		WATER HTR.			720	
10		4	KINDERGARTEN #1			800	
11			SPACE FOR FUTURE				
12		4	KINDERGARTEN #2				800
13		3	ALCOVE, HALL RM.			600	
14		/	HEATER RM.			200	
15		3	ALCOVE, HALL RM.				600
16	1-80A		WATER HEATER				1000
17			SPARE				
18							
19							
20							
21							
22		3/4 HP	HEATER ROOM	20A-2P		990	
23			SPARE	20A-1P			
24		—	2P. W/CKT. 22	—			990
25		3/4 HP	HEATER ROOM	20A-2P		990	
26		/	CLOCK-1Φ T.L. REC.	20A-2P		500	
27		—	2P. W/CKT. # 25	—			990
28		—	2P. W/CKT. # 26	—			500
TOTAL 18400 @ 120/240V-1Φ = 77 A.						9810	9090



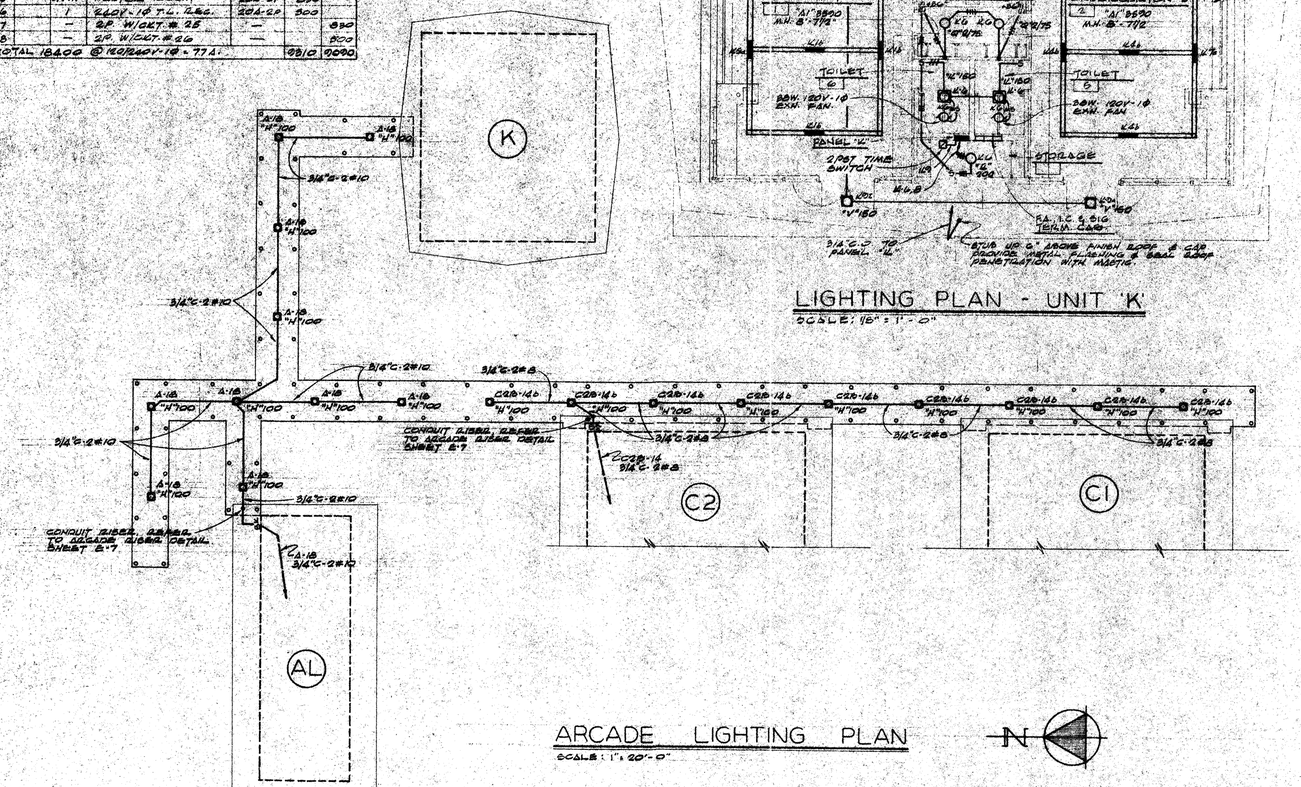
LIGHTING PLAN - UNIT 'K'

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



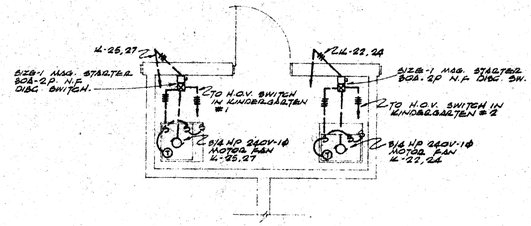
SIGNAL & RECEPTACLE PLAN - UNIT 'K'

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



ARCADE LIGHTING PLAN

SCALE: 1" = 20'-0"



HEATER ROOM PLAN

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

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1963
APPLICATION NO. BY E. Maag DATE
APPROVED
GLENN B. VANCE
STATE FIRE MARSHALL
BY
DATE APR 8 1963

APPROVED: ARCHITECT Lee B. Kline; ENGINEER Earl L. Holmberg	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE; APPL. NO. ___ DATE ___ PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT Ada Clegg, Curtis Oliver	GOLDENWEST SCHOOL WESTMINSTER SCHOOL DISTRICT FOR THE GOLDENWEST AT HOOD WESTMINSTER, CALIFORNIA	EARL L. HOLMBERG AND ASSOCIATES ELECTRICAL ENGINEERS 2525 HYPERION NO. 4-2921 LOS ANGELES 27, CALIFORNIA

LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

DATE OF DRAWING — DRAWN BY — DRAWING NO. E-6 — OF

UNIT K (51)

SYMBOLS

- RECESSED FLUORESCENT FIXTURE.
- SLIMLINE OR FLUORESCENT LIGHT FIXTURE.
- PENDANT MOUNTING CIRCLE INDICATES INDIRECT FLUORESCENT FIXTURE.
- CEILING LIGHT OUTLET: MTD. CIRCUIT NO., "E" 100 = FIXTURE TYPE & WATTS.
- WALL OR BRACKET LIGHT OUTLET.
- RECESSED LIGHT FIXTURE, ROUND TRIM.
- RECESSED LIGHT FIXTURE, SQUARE TRIM.
- FLOODLIGHT CLUSTER.
- EXIT LIGHT.
- DUPLEX CONVENIENCE RECEPTACLE. SEE SPECS. BRYANT # 5262. +12" OR AS NOTED.
- 240V. 2-WIRE GROUNDED RECEPTACLE. TWISTLOCK (BRYANT # 7310-R.
- WALL MICROPHONE OUTLET. SEE NOTE # 4 THIS SHEET.
- JUNCTION BOX.
- 240V. HEAVY DUTY RECEPTACLE, BRYANT # 9306 - PLATE # 8702.
- FLOOR OUTLET, RUSSELL & STOLL # 2608 WITH 120V. RECEPTACLE
- LOW VOLTAGE TRANSFORMER. FURNISHED BY OTHERS.
- R.S. OUTLET.
- MOTOR. WIRING & INSTALL. DISCONNECT SWITCH AT MOTOR.
- MOTOR OUTLET.
- "FLY" FAN OUTLET, FAN FURNISHED BY OTHERS.
- FLUSH FLOOR TELEPHONE OUTLET, RUSSELL & STOLL # 2503.
- FLUSH FLOOR INTER-COM OUTLET, RUSSELL & STOLL # 2503.
- FLUSH FLOOR MICROPHONE OUTLET, RUSSELL & STOLL # 2609.
- TELEVISION OUTLET. SEE TELEVISION NOTE BELOW.
- BELL.
- SECONDARY CLOCK.
- MASTER CLOCK.
- INTER-COM OUTLET + 4'-6" OR AS NOTED.
- TELEPHONE OUTLET + 12" OR AS NOTED.
- YARD HORN.
- H.O.V. SWITCH WITH PILOT LT. 2 GANG PLATE. SEE DETAIL +6'-6"
- FIRE ALARM MANUAL GLASS STATION. +6'-6"
- THERMOSTAT FURNISHED BY OTHERS.
- RELAY FURNISHED BY OTHERS.
- TIME SWITCH WITH ASTRONOMIC DIAL SEE GEN. NOTE # 8 & SPECS.
- MAGNETIC STARTER. SIZE AS NOTED.
- EX-D SWITCH. SIZE AS NOTED.
- SIGNAL, FIRE ALARM & INTER-COM TERM. CAB. SEE DETAIL.
- LIGHTING PANEL, SEE DETAIL THIS SHEET.
- MAIN SWITCHBOARD.
- S — FLUSH SINGLE POLE SWITCH BRYANT # 4901.
- S^3 — FLUSH 3-WAY SWITCH BRYANT # 4903.
- S^P — FLUSH SINGLE POLE SWITCH WITH PILOT LIGHT, BRYANT # 4901 + 427 + 760 & JEWEL DETAIL - 2 GANG PLATE
- S^{KL} — FLUSH SINGLE POLE KEY SWITCH, BRYANT # 4901-L.
- S^{DP} — FLUSH DOUBLE POLE KEY SWITCH, BRYANT # 4902-L.
- S^D — FLUSH DOUBLE POLE SWITCH - BRYANT # 4906.
- S.C. — SHIELDED CABLE, BELDEN # 8762 - 18 - 160.
- T.P. — TWISTED PAIR, BELDEN # 8464.
- MB — MANUAL MOTOR SWITCH WITH THERMAL OVERLOAD - BRYANT 1000 SERIES.
- MBP — MANUAL MOTOR SWITCH WITH THERMAL OVERLOAD & PILOT LT. BRYANT 1000 SERIES WITH SET LAMP HOLDER & 740A JEWEL.
- W.P — WEATHERPROOF.
- C.O — CONDUIT ONLY. PLACING 1" OR 1½" C.O. FULL WALL.
- STUB UP ABOVE FLOOR AS REQUIRED.
- CONDUIT UNDER.
- CONDUIT RUN CONCEALED IN WALL OR CEILING.
- CONDUIT RUN IN OR BELOW SLAB.
- FLEXIBLE METALLIC CONDUIT.
- ½"C - 2 # 12 OR AS NOTED.
- ½"C - 3 # 12 OR AS NOTED.
- ¾"C - 4 # 12 OR AS NOTED.
- 1"C - 5 # 12 OR AS NOTED.
- 1"C - 6 # 12 OR AS NOTED.
- "D" ADDED TO TELEVISION OR INTER-COM SYMBOL DENOTES DESK TYPE PHONE.
- P.A. REMOTE DISARRANGEMENT STATION + 5'-6"
- PUSHBUTTON STATION WITH 120V PILOT LIGHT, MOUNTING HEIGHT AS NOTED.

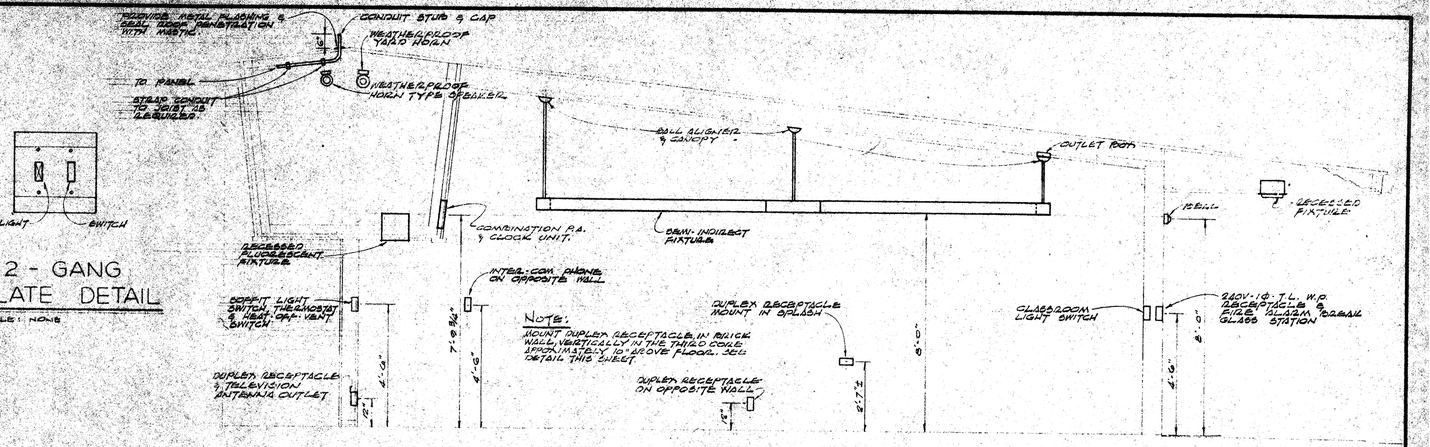
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
23516 APPROVED APR 8 - 1963
APPLICATION NO. By E. Maag
DIVISION OF ARCHITECTURAL STRUCTURAL ENGINEER

TELEVISION NOTE:

PROVIDE & INSTALL 1½" PLASTIC CONDUIT FROM TELEVISION OUTLET INTO ATTIC SPACE WITH SUPPORTS 12" ABOVE OUTLET & 24" BELOW SUPPORTS OF WIRE CONDUIT. END OF CONDUIT IN ATTIC SPACE SHALL TERMINATE ON 2"x4" WOOD BLOCKING SUPPORTED TO THE CEILING JOIST. THE OUTLET SHALL BE A 4"-56" BOX EQUIPPED WITH SINGLE PLASTER RING, RUSSELL & STOLL # 2503. TWO TELEPHONE HEADS AND EQUIPMENT OUTLETS SHALL BE MOUNTED 12" ABOVE FLOOR AND 24" FROM THE NEAREST 120V. RECEPTACLES AS INDICATED ON THE PLANS. PLATE AND PLUG SHALL BE TEL-TAC # 6-1000.

GENERAL NOTES

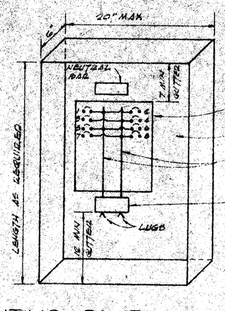
1. VERIFY EXACT LOCATION OF ALL ELECTRICAL OUTLETS PANELS AND EQUIPMENT ON JOB SITE.
2. REFER TO ELECTRICAL SPECIFICATIONS BEFORE STARTING WORK.
3. COORDINATE OUTLET SPACING WITH ACOUSTIC TILE PATTERN.
4. ALL MICROPHONE PLUGS SHALL BE CANNON TYPE XL-3-14M AND INSTALL MOUNTING BRACKETS AS REQUIRED.
5. ALL EXTERIOR OUTLETS & EQUIPMENT SHALL BE COMPLETELY WEATHER PROOF & WATER TIGHT.
6. FLOOR OUTLETS SHALL BE FLUSH, EVEN WITH THE FINISHED FLOOR.
7. ALL PENDANT FIXTURES SHALL HAVE MINIMUM THIRTY DEGREES (30°) SWIVEL IN ALL DIRECTIONS FROM THE VERTICAL POSITION.
8. MOUNT TIME CLOCKS ABOVE OR ADJACENT TO LIGHTING PANELS UNLESS OTHERWISE SHOWN ON PLANS.
9. RECESSED FIXTURES SHALL HAVE ½" MINIMUM CLEARANCE FROM COMBUSTIBLE MATERIAL.
10. ENGRAVE ALL SWITCH PLATES AS NOTED ON PLANS (SUCH AS "HEATER FAN"; "EXH. FAN"; "ELY. FAN"; "BATT. LTS.", ETC.
11. ALL TYPICAL DETAILS (CLASSROOM SECTION & ELEVATION) SHALL BE CONSIDERED TYP. AND OBSERVED.
12. ELECTRICIAN WILL DO CONDUIT & WIRING FOR AQUASTAT DISC. PUMPS AND ALERT CONDUIT & WIRING FOR CONTROL SYSTEM OF 180° WATER PUMP AS SHOWN ON MECHANICAL & ELECTRICAL DRAWING. ALL AS DIRECTED BY THE EQUIPMENT SUPPLIER.
13. NO BRANCH CIRCUIT WIRING SHALL BE SMALLER THAN #12 AWG.
14. VERIFY EXACT LOCATION OF ALL HEATING & VENTILATING EQUIPMENT TO BE CONNECTED BY THIS CONTRACTOR ON JOB SITE. RUN WIRING TO SUCH CONTROLS AND TO LOCATIONS AS DIRECTED BY THE HEATING & VENTILATING CONTRACTOR.
15. INCIDENTAL TO HEATING & VENTILATING WIRING, THE FOLLOWING DEVICES SHALL:
   - A. ALL LOW VOLTAGE EQUIPMENT, CONTROL WIRING & CONDUIT SHALL BE FURNISHED & INSTALLED BY THE HEATING & VENTILATING CONTRACTOR.
   - B. ALL LINE VOLTAGE CONDUITS, WIRING, DISCONNECT SWITCHES, MAGNETIC STARTERS, THERMAL OVERLOAD SWITCHES, MANUAL MOTOR SWITCHES WITH THERMAL OVERLOAD PROTECTION, LIMIT, HEAT-STAT SWITCH AND PILOT LIGHTS SHALL BE FURNISHED & INSTALLED BY THE ELECTRICAL CONTRACTOR.
   - C. ELECTRICAL CONTRACTOR SHALL MAKE ALL LINE VOLTAGE CONNECTIONS AND SHALL BE GUIDED BY DIAGRAMS SHOWN ON HEATING & VENTILATING DRAWINGS OR SUPPLIED BY THE HEATING & VENTILATING CONTRACTOR.
16. ALL MANUFACTURERS NAMES & CATALOG NUMBERS APPEARING IN THE ELECTRICAL SPECIFICATIONS OR ON THE DRAWINGS ARE PRESUMED TO BE FOLLOWED BY THE WORDS "OR EQUAL".
17. ALL PANELBOARDS, CABINETS, SWITCHBOARDS, LIGHTING FIXTURES AND ELECTRICAL EQUIPMENT SHALL BEAR THE "UL" LABEL AND MEET ALL THE REQUIREMENTS OF THE NEMA STANDARDS.
18. ALL OUTLET BOX SIZES SHALL CONFORM TO CODE AS TO THE AMOUNT OF WIRE CAPACITY ALLOWED AND IN NO CASE LESS THAN 4 STANDARD 4" SQUARE X 1½" DEEP BOX.
19. ALL FIXTURES IN ONE HOUR CONSTRUCTION SHALL BE FURNISHED WITH SIDE GATED HOUSING, AS APPROVED BY THE STATE FIRE MARSHALL'S OFFICE.
20. THE ELECTRICAL CONTRACTOR SHALL FURNISH & INSTALL THERMAL OVERLOAD SWITCH AT EACH FAN MOTOR UNLESS OTHERWISE NOTED.
21. ALL UNDERGROUND CONDUITS SHALL BE HUNTS WRAPPED FOR CONCRETE INSTALLATION, MINIMUM 2 LAYER WRAPPING HUNTS PACKAGE # 5.
22. CONCRETE MIX SHALL BE 6500 LBS. PER SQUARE INCH WITH 3" MAX. SLUMP. AGGREGATE SHALL BE PEA GRAVEL.
23. ALL UNDERGROUND SERVICE & DISTRIBUTION CONDUITS SHALL BE MINIMUM 24" BELOW FINISHED GRADE OR AS NOTED.



NOTE:
MOUNT DUPLEX RECEPTACLE IN BRICK WALL VERTICALLY IN THE THIRD COURSE APPROXIMATELY 12" ABOVE FLOOR. SEE DETAIL THIS SHEET

COMPOSITE CLASSROOM SECTION

SCALE: 3/8" = 1'-0"



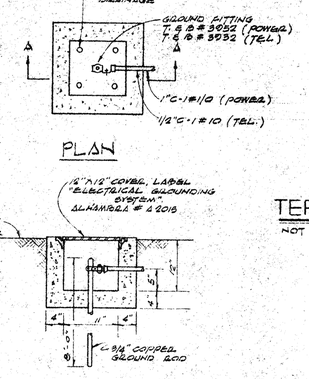
LIGHTING PANEL DETAIL

NOT TO SCALE

NOTE:
WHERE PANELBOARDS ARE LOCATED IN AREAS WITH EXPOSED WOOD TRIM, PANELBOARDS SHALL BE EQUIPPED WITH GASKETED DOOR & TRIM BUSHED. DOOR BUSHED SHALL BE MOUNTED ON PANELBOARD TRIM ONE INCH ABOVE DOOR OPENING AND SHALL EXTEND HORIZONTALLY ONE INCH BEYOND DOOR OPENING. PROVIDE GASKET BETWEEN DOOR TRIM & CABINET.

2 - GANG PLATE DETAIL

SCALE: NONE

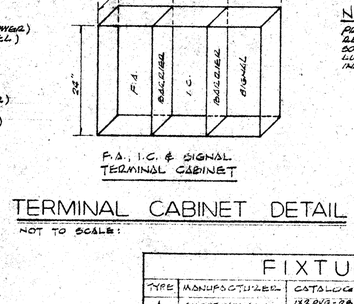


PLAN

SECTION "A-A"

GROUND WELL DETAIL

SCALE: 3/4"=1'-0"



F.A., I.C. & SIGNAL TERMINAL CABINET

TERMINAL CABINET DETAIL

NOT TO SCALE:

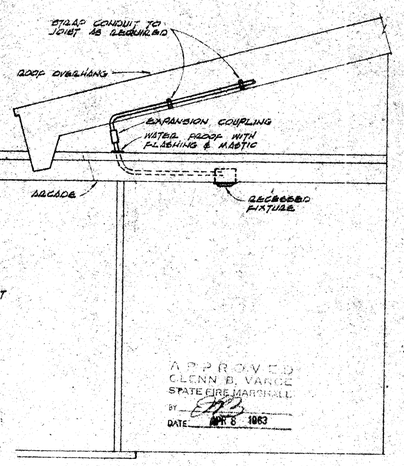
NOTE:
PROVIDE WESTON ELECTRIC # 803 TERMINAL BLOCKS AS REQUIRED FOR FIRE ALARM & SIGNAL COMPARTMENTS AND SCHOOL LUG "T" TYPE WITH INTEGRAL PAINING STUD, 20 LUGS PER BLOCK CINEMA ENGR. NO. 151-C OR EQUAL AND INDIVIDUAL LOCKING HINGED DOOR PER COMPARTMENT.

FIXTURE SCHEDULE

TYPE	MANUFACTURER	CATALOG NO.	DESCRIPTION	WATTS	LOCATION
A	SMOOT-HOLMAN	1X8 PVG-2BL-NF 15 X 10	PENDANT, 1500MA BALLAST	4250	CLASSROOM
A1	SMOOT-HOLMAN	1X8 PVG-2BL-NF 17 X 58	PENDANT, 1500MA BALLAST	3500	KINDERGARTEN
A2	SMOOT-HOLMAN	1X8 PVG-2BL-NF 18X18	PENDANT, 1500MA BALLAST	1750	TEACHERS DINING
A3	SMOOT-HOLMAN	1X8 PVG-2BL-NF 18 X 58	PENDANT, 1500MA BALLAST	1050	LIBRARY
B	SMOOT-HOLMAN	220-2R2-2F	RECESSED WITH POLARIZED PANEL DIFFUSER	200	CLASSROOM
B1	SMOOT-HOLMAN	220-2R2-F	RECESSED WITH POLARIZED PANEL DIFFUSER	100	ADMINISTRATION
C	MARCO	MA130-M3105-P	RECESSED DROP FRESNEL (1½")	300	MULTIPURPOSE
D	MARCO	MA130-M3100-P	RECESSED FLAT FRESNEL	300	MULTIPURPOSE
E	McPHILBEN	50W-CMX	WALL	2/25	MULTIPURPOSE
E1	McPHILBEN	50C-CMX	CEILING	2/25	MULTIPURPOSE
E2	McPHILBEN	50C-CMXM	SHELF	2/25	MULTIPURPOSE
E3	McPHILBEN	50C-CMXMA	TRANSOM	2/25	MULTIPURPOSE
F	MARCO	MA16-291-P	RECESSED DROP OPAL (1½")	150	MULTIPURPOSE
G	MARCO	MA16-MB6-P	RECESSED DROP FRESNEL (1½")	150	MULTIPURPOSE
H	MARCO	MA60-B1-P	RECESSED DROP OPAL (1½")	100	ARCADE
J	MARCO	MA60-MB6-P	RECESSED FLAT FRESNEL	100	ADMINISTRATION
K	MARCO	MA16-MB6-P	RECESSED FLAT FRESNEL	150	KINDERGARTEN
L	LIGHTOLIER	7762	ROUND RECESSED	150	MULTIPURPOSE
M	HYDECRAFT	H002-H	SATIN ALUMINUM, SWIVEL BULLET	150W PAR 38 FLOOD	MULTIPURPOSE
N	MARCO	MA16-601P	ROUND RECESSED DOWNLIGHT	150W PAR 38 FLOOD	MULTIPURPOSE
P	LIGHTOLIER	7892/7821	RECESSED DROP LENS (1½")	150	MULTIPURPOSE
Q	LIGHTOLIER	6701	SURFACE OPAL GLASS BOWL (8")	2/75	TOILETS
R	BRYANT	5278	KEYLESS PORCELAIN SOCKET WITH WIRE GUARD.	AS NOTED	UTILITY RMS.
S	CROUSE-HINDS	ARB-33	SURFACE, VAPOR PROOF	200	DISHWASHING
U	LITECRAFT	H937-E	WALL MOUNTED	75W, R30	ADMINISTRATION
V	MARCO	MA16-291-P	RECESSED DROP OPAL (1½")	150	CLASSROOM
W	SMALIDA	200-SCA FOR CONE 2 101-M LAMPHOLDER	ADJUSTABLE, ROD MOUNTED	150W PAR 38 FLOOD	ADMINISTRATION
X	HOLOPHANE	615	WALL MOUNTED	150	ENTERLIOR
Y	SMOOT-HOLMAN	PV-2BB	PENDANT 600 MA BALLAST	300	ADMIN. CL. RM.
Z	SMOOT-HOLMAN	PV-2CB, PVC-2CB	PENDANT 600 MA BALLAST	200	ADMINISTRATION

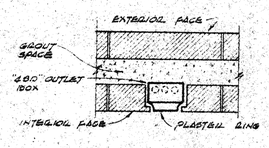
ARCADE RISER DETAIL

NOT TO SCALE:

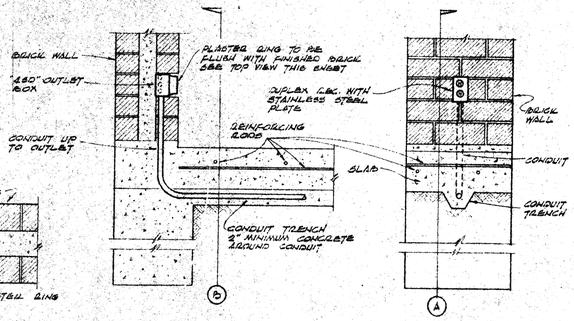


OUTLET BOX & CONDUIT DETAIL

NOT TO SCALE



TOP VIEW



SECTION "A"

SECTION "B"

APPROVED:
ARCHITECT
Earl L Holmberg
ENGINEER

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
APPL. NO.
DATE
PRINCIPAL STRUCTURAL ENGINEER

APPROVED: FOR THE DISTRICT
Adair Clapp
Everett Coleman Jr.

GOLDENWEST SCHOOL
WESTMINSTER SCHOOL DISTRICT
GOLDENWEST AT HOOD
FOR THE
WESTMINSTER, CALIFORNIA

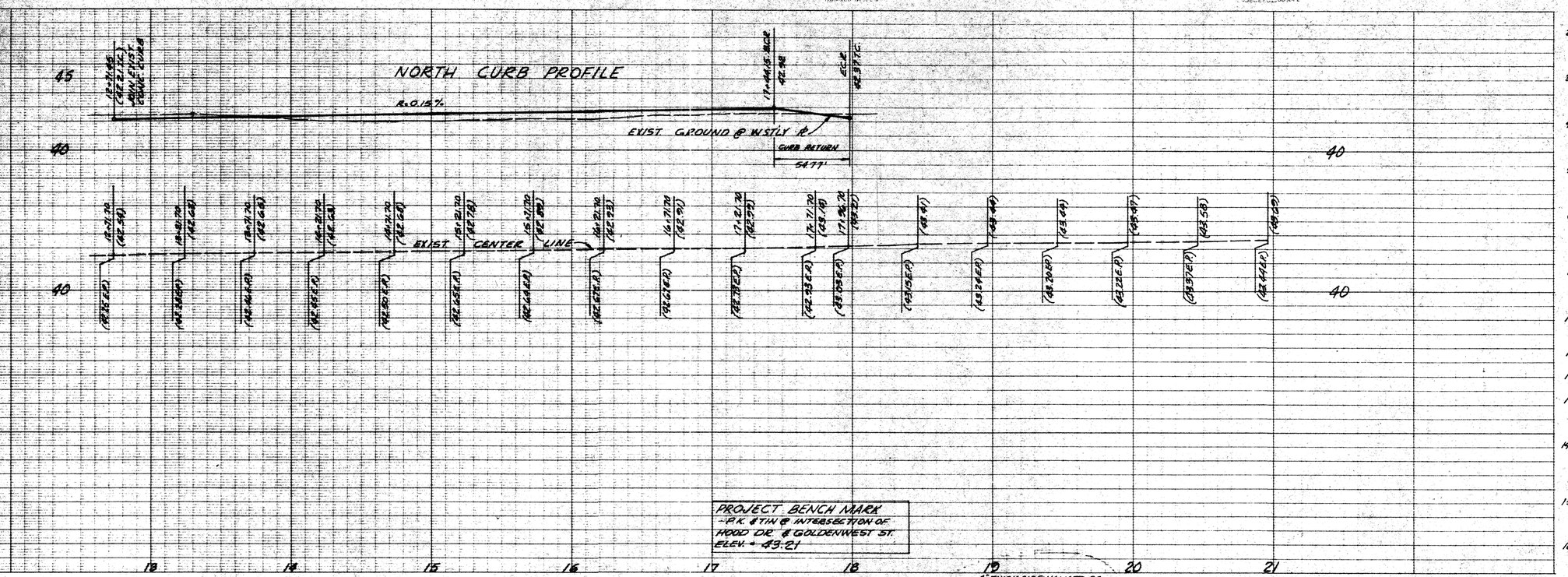
EARL L HOLMBERG
AND ASSOCIATES
ELECTRICAL ENGINEERS
2325 HYPERION NO. 4-2921
LOS ANGELES 27, CALIFORNIA

LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

BLK

DATE OF DRAWING
DRAWN BY

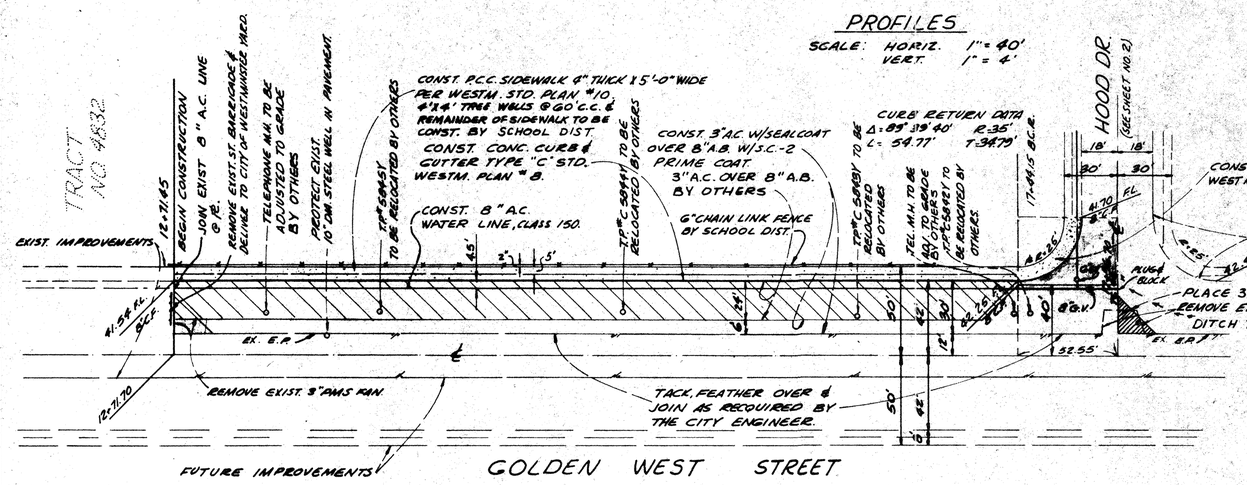
DRAWING NO. E-7
OF



PROJECT BENCH MARK
-P.K. & TIN @ INTERSECTION OF HOOD DR. & GOLDENWEST ST.
ELEV. = 43.21

PROFILES

SCALE: HORIZ. 1" = 40'
VERT. 1" = 4'

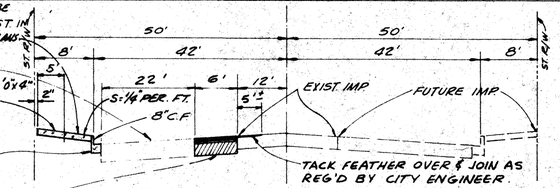


PLAN

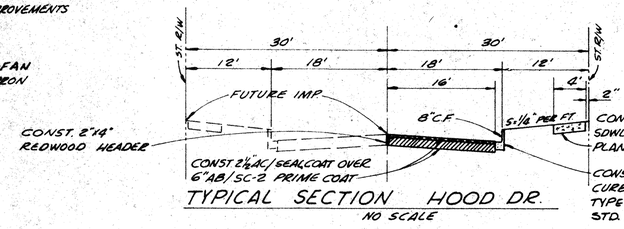
SCALE: 1" = 40'



4" THICK SIDEWALK TO BE CONST. BY SCHOOL DIST. IN ACCORDANCE WITH THESE PLANS



TYPICAL SECTION GOLDEN WEST ST.
NO SCALE



TYPICAL SECTION HOOD DR.
NO SCALE

SEWER NOTES (CONT.)

10. 4" V.C.P. SEWER HOUSE CONNECTIONS (6" V.C.P. OR LARGER WHERE MORE THAN 36 FIXTURES ARE USED) TO BE CONSTRUCTED FROM THE SEWER MAIN TO THE PROPERTY LINE FOR EACH LOT. THE DEVELOPER TO FURNISH THE SEWER CONTRACTOR WITH A "PLOT PLAN" INDICATING THE LOCATION OF THE HOUSE CONNECTION FOR EACH LOT. HOUSE CONNECTIONS TO BE INSTALLED PRIOR TO PAVING OF ST.
11. APPROVED SUBJECT TO PAYING ALL FEES AND GRANTING THE NECESSARY EASEMENTS TO THE MIDWAY CITY SANITARY DISTRICT.
12. THE REGISTERED CIVIL ENGINEER SIGNING THESE PLANS SHALL BE RESPONSIBLE FOR DETERMINING THE CORRECT LOCATION AND ELEVATIONS OF EXISTING SEWER FACILITIES SHOWN HEREON PRIOR TO CONSTRUCTION.
13. THE SEWER CONSTRUCTION SHALL START AT THE CONNECTION TO EXISTING SEWER FACILITY AND PROCEED UPGRADE.

ENGINEERS NOTICE TO CONTRACTORS:
THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS THOSE SHOWN ON THESE PLANS.
THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE "GENERAL NOTES" DATED AUGUST 1960 AVAILABLE AT THE WESTMINSTER CITY HALL. THE CITY INSPECTOR SHALL BE NOTIFIED 48 HOURS BEFORE BEGINNING WORK.
2. SEWER, WATER AND GAS LATERALS SHALL BE INSTALLED PRIOR TO PAVING OF THE STREETS AND ALL PIPE TRENCH BACKFILL SHALL MEET COMPACTION REQUIREMENTS WITHIN THE STREET RIGHT OF WAY.
3. AFTER A.C. SURFACING HAS BEEN OPEN TO TRAFFIC FOR A PERIOD OF NOT LESS THAN 4 WEEKS, A SEALCOAT CONSISTING OF AN ASPHALTIC EMULSION SHALL BE APPLIED.
4. ANY EXIST. CITY TRAVELWAYS IN WHICH EXCAVATION IS MADE IN CONJUNCTION WITH THESE IMPROVEMENTS SHALL BE RESURFACED WITHIN TWO WEEKS AFTER EXCAVATION IS MADE.
5. THE CONTRACTOR SHALL ASCERTAIN THE TRUE LOCATION OF ANY UNDERGROUND UTILITIES AND SHALL BE RESPONSIBLE FOR DAMAGE TO ANY PUBLIC OR PRIVATE UTILITIES.
6. THE CONTRACTOR SHALL NOTIFY FIRE AND POLICE DEPARTMENTS OF THE CITY OF WESTMINSTER, 48 HOURS PRIOR TO CONSTRUCTION.
7. ALL WATER METERS SHALL BE PER CITY OF WESTMINSTER STANDARDS OR WATER WORKS DISTRICT #5.
8. ALL WATER SERVICES SHALL BE COPPER.
9. ALL WATER METERS SHALL BE ONE OF THE FOLLOWING: ROCKWELL OR EQUAL.
10. IF CURBS ARE DEPRESSED AT DRIVEWAYS, THE DRIVEWAY APPROACHES ARE TO BE CONSTRUCTED PER CITY OF WESTMINSTER STANDARD PLAN #1.
11. FIRE HYDRANTS SHALL BE IOWA UST F-5100 OR APPROVED EQUAL.
12. WATER MAINS TO BE LOCATED AS PER CITY OF WESTMINSTER STANDARDS.
13. IN ACCORDANCE WITH THE EXCAVATION ORDINANCE, ANY EXISTING PAVEMENT DISTURBED BY INSTALLATION OF UNDERGROUND UTILITIES SHALL BE COVERED BY A PERMIT.
14. INSPECTION SHALL BE CALLED FOR THROUGH THE OFFICE OF THE CITY ENGINEER OF THE CITY OF WESTMINSTER, 24 HOURS PRIOR TO REQUIRING ANY INSPECTION. PHONE: TWINOAKS 3-4511 (ALL WORK IS SUBJECT TO INSPECTION.)
15. ALL SEWER FRAMES AND COVERS SHALL BE LEFT 12" BELOW FINISHED GRADE. SEWER CONTRACTOR SHALL RAISE THE MANHOLE FRAMES AND COVERS TO FINISHED GRADE UPON COMPLETION OF SURFACING.
16. AFTER ROUGH GRADING HAS BEEN COMPLETED, THE CITY ENGINEER SHALL RE-EXAMINE THE NATIVE SOIL CONDITION, AND IF NECESSARY, MAKE A CHANGE IN THE REQUIRED BASE MATERIAL.

SEWER NOTES

1. THE SEWER SYSTEM AS SHOWN ON THE PLANS SHALL BE CONSTR'D. IN ACCORDANCE WITH STANDARD DRAWINGS AND SPECIFICATIONS OF MIDWAY CITY SANITARY DISTRICT.
2. STANDARD SPECIFICATIONS ARE AVAILABLE AT THE OFFICE OF THE MIDWAY CITY SANITARY DISTRICT, 7631 13TH ST. WESTMINSTER, CALIF.
3. THE MIDWAY SANITARY DISTRICT SHALL BE NOTIFIED AT LEAST TWO DAYS PRIOR TO COMMENCING WORK. TWINOAKS 3-3553.
4. MAIN LINE SEWER INSTALLATION SHALL INCLUDE (BY SEWER CONTRACTOR) ALL NECESSARY WYES, FITTINGS AND PERTINENT MATERIALS NECESSARY. WHERE MAIN LINE SEWER IS INSTALLED ADJACENT TO UNDEVELOPED PROPERTY, WYES SHALL BE INSTALLED AS PER INSTRUCTIONS FROM SANITARY DISTRICT INSPECTOR.
5. SEWER STATIONING DOES NOT NECESSARILY COINCIDE WITH STREET IMPR. STATIONING. SEWER STATIONING INDICATED [0+00]
6. HOUSE LATERALS AT END OF MAIN LINES TO BE NORMAL TO CENTER LINE OF MAIN SEWER. MAIN LINE TO BE EXTENDED WHERE NECESSARY.
7. ALL PIPE, PIPE JOINTS, & FITTINGS TO BE WEDGELOCK OR EQUAL.
8. ALL WYES AT MAIN LINE TO BE CRADLED OR ENCASED IN CONCRETE.
9. LATERALS TO BE INSTALLED AS CLOSELY AS POSSIBLE (WITHOUT CUTTING TILE) TO LOCATIONS AS SHOWN ON IMPROVEMENT PLANS.

(CONTINUED BELOW TO LEFT.)

ESTIMATE OF QUANTITIES

1. EXCAVATION	1650 C.Y.
2. EMBANKMENT	20 C.Y.
3. TYPE "C" CURB & GUTTER	1301 L.F.
4. STD. 4" THICK CONC. SIDEWALK	5,900 S.F.
5. 2½" THICK ASPHALT CONC./SEAL COAT	13,000 S.F.
6. 6" THICK AGGREGATE BASE W/ PRIME COAT	13,000 S.F.
7. FEATHER OVER EXIST. PAVEMENT	2625 S.F.
8. V.C. PIPE SEWER	905 L.F.
9. STD. SEWER M.H.	2 EA.
10. INSTALL 8" CLASS 150 ASBESTOS-CEMENT PIPE	525 L.F.
11. INSTALL FIRE HYDRANT	2 EA.
12. INSTALL GATE VALVES	2 E.A.
13. STD. DRIVE APRON	1540 S.F.
14. 3" THICK ASPHALT CONC. W/ SEAL COAT	4780 S.F.
15. 8" THICK AGGREGATE BASE W/ PRIME COAT	4560 S.F.
16. 6" V.C.P. SEWER LATERAL & STD. WYE	1 EA.
17. 2"x 4" REDWOOD HEADER	830 L.F.
18. INSTALL 6" CLASS 150 ASBESTOS-CEMENT PIPE	813 L.F.

APPROVED: _____ ARCHITECT _____ ENGINEER

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE _____ APPL. NO. _____ DATE _____ PRINCIPAL STRUCTURAL ENGINEER

APPROVED: FOR THE DISTRICT _____ DATE

LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

DATE OF DRAWING _____ DRAWN BY _____

DRAWING NO. G 1 OF _____

BENCH MARK: 14-46-58
STATE OF CALIFORNIA MONUMENT @ INT. ℄ GARDEN GROVE BLVD. & NOTT. 10" BELOW SURFACE IN CAPPED WELL.
ELEV. 42.861
F.B. 52-10

PLANS PREPARED UNDER SUPERVISION OF: WILLIAMSON & SCHMID CIVIL ENGINEERS
BY: Richard R. Schmid DATE: _____
DESIGNED BY R.R.S. | DRAWN BY J.M.M. | CHECKED BY R.R.S.

CHECKED BY _____ DATE _____
CHECKED BY _____ DATE _____

MIDWAY CITY SANITARY DISTRICT
BY _____ PRESIDENT 4/1/69

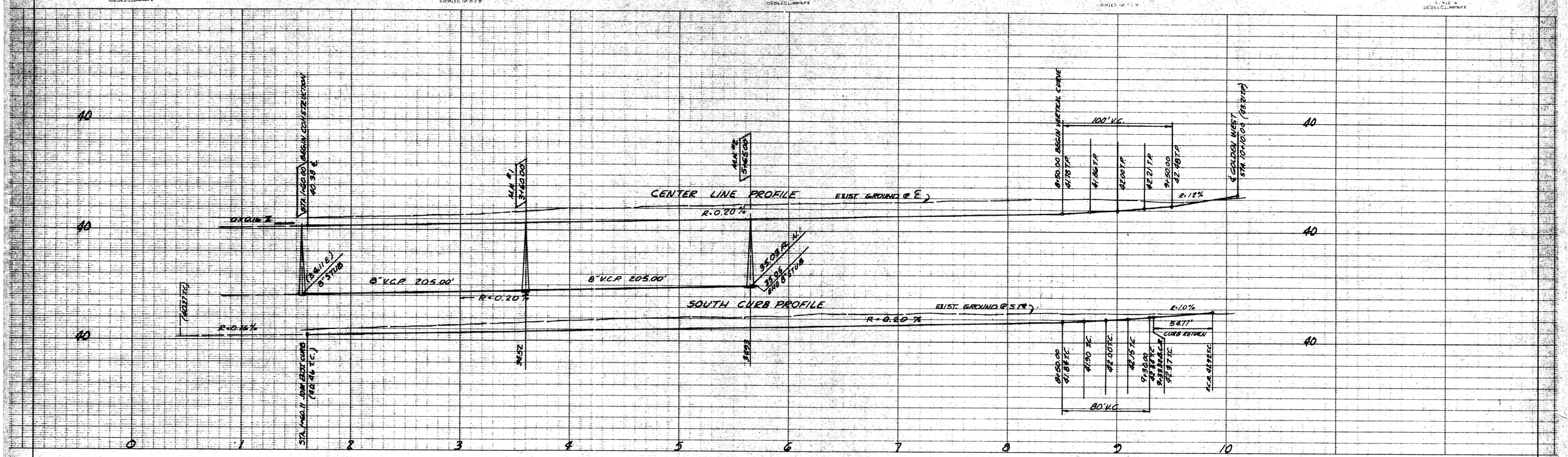
FIRE CHIEF _____ DATE _____
WATER SUPT. _____ DATE _____
RECOMMENDED BY Richard R. Schmid 4-22-63 DATE

APPROVED
DATE APPROVED 4-22-63
BY: Clare J. Pagnon
CITY ENGINEER OF WESTMINSTER RCE 8561

CITY OF WESTMINSTER
STREET IMPROVEMENTS FOR GOLDEN WEST STREET AND HOOD DRIVE

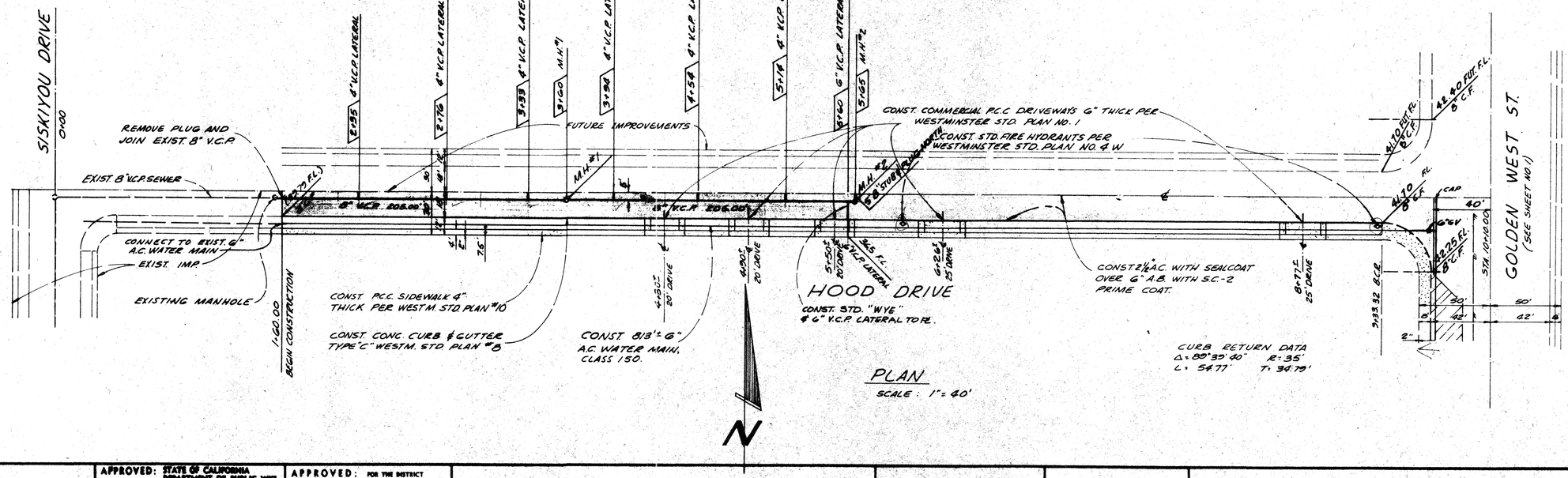
SHEET 1 OF 2 SHEETS

P-348



PROFILES

SCALE: HORIZONTAL 1"=40'
VERTICAL 1"=4'

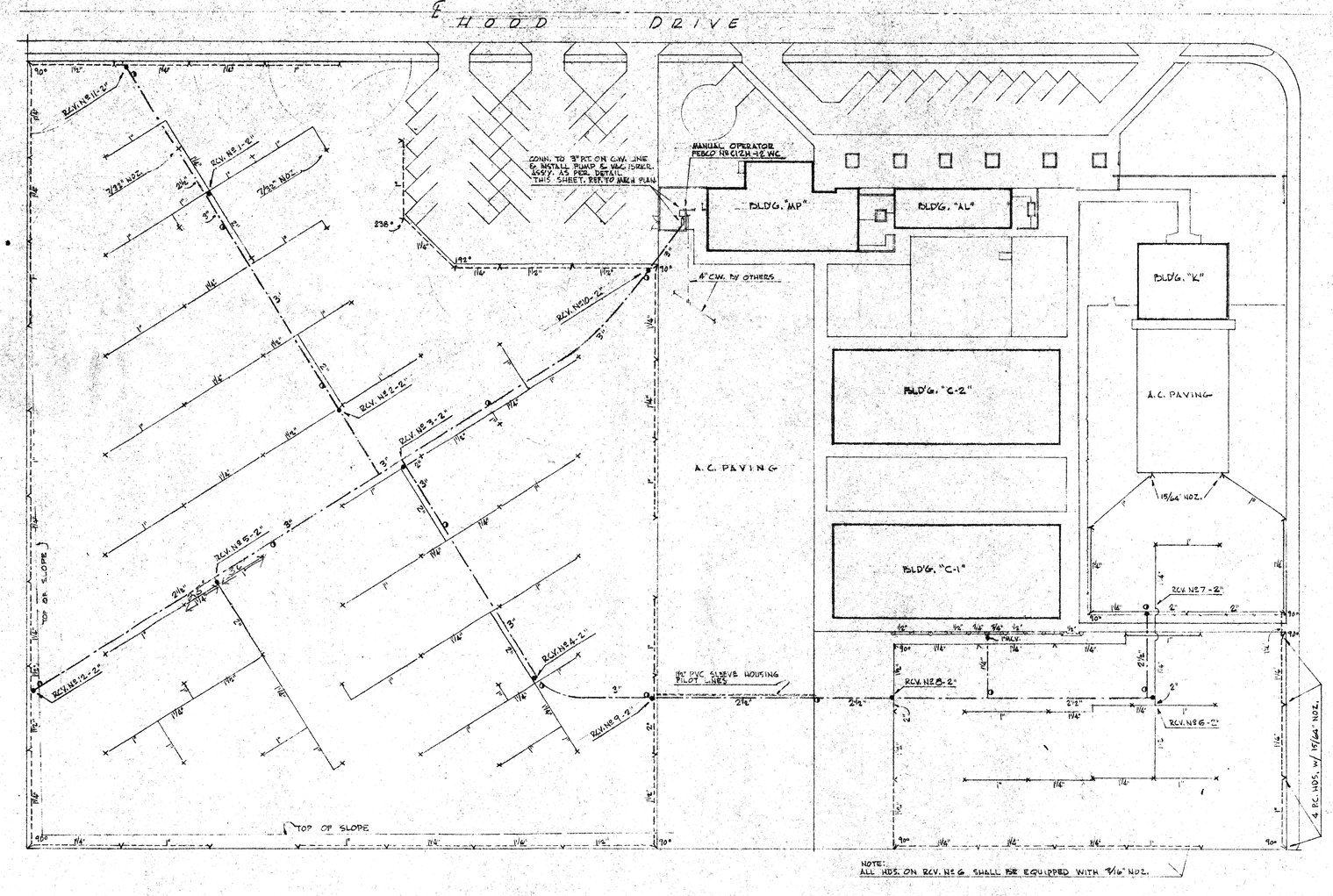


PLAN

SCALE: 1"= 40'

APPROVED:	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE	APPROVED: FOR THE DISTRICT			LEE B. KLINE, ARCHITECT, A.I.A.	BK	DATE OF DRAWING	DRAWING NO.	SHEET 2 OF 2 SHEETS
ARCHITECT	APPL. NO.				963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241		DRAWN BY	OF	
ENGINEER	DATE PRINCIPAL STRUCTURAL ENGINEER								

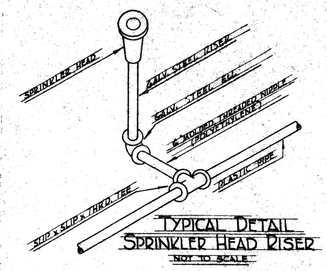
P-348



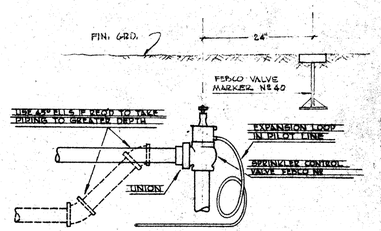
NOTE:
ALL HDS. ON RCV. NO 6 SHALL BE EQUIPPED WITH 9/16" NOZ.

SCALE: 1" = 40'-0"

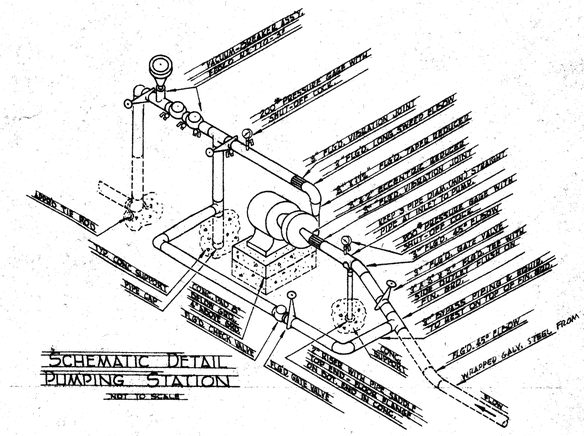
ASSUMED WATER PRESSURE AT WATER METER: 45 PSI.
H.M. SPR. DEMAND: 140 GPM.

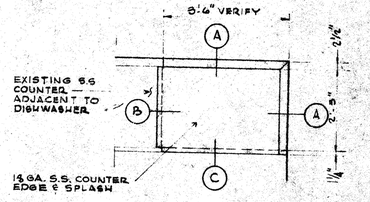


TYPICAL DETAIL
SPRINKLER HEAD RISER
NOT TO SCALE

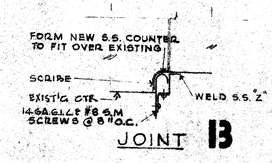


TYPICAL DETAIL
REMOTE CONTROL VALVE
NOT TO SCALE

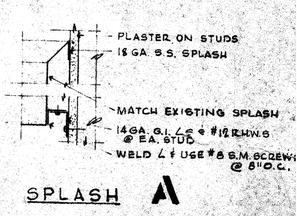

TAMPER-PROOF ASSY. FEBCO NO 870 OR 880
2" PRESSURE GAGE WITH SHUT-OFF COCK
2" FLEX. VIBRATION JOINT
2" GALV. TOOL BOX REDUCER
2" GALV. FLEX. PIPE REDUCER
2" ECCENTRIC REDUCER
2" FLEX. VIBRATION JOINT
2" PIPE STANDS STRAIGHT
2" PIPE STANDS BACK WITH DIPS AT TOP OF PIPE
2" PRESSURE GAGE WITH SHUT-OFF COCK
2" GALV. GATE VALVE
2" GALV. TEE
2" GALV. PIPE
2" GALV. ELBOW
2" GALV. PIPING & FITTINGS TO FIRST JOINT TOP OF PIPE BELOW
2" GALV. PIPING & FITTINGS TO FIRST JOINT TOP OF PIPE BELOW
FIELD 45° ELBOWS
WRAPPED GALV. STEEL FROM M.C.C.
TO MOTOR
3" GALV. GATE VALVE
3" GALV. PIPE
3" GALV. ELBOW
3" GALV. PIPE
3" GALV. ELBOW
3" GALV. PIPE
3" GALV. ELBOW



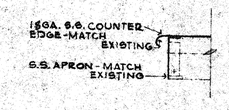
COUNTER PLAN
SCALE : 1/2" = 1'-0"



JOINT **B**



SPLASH **A**



EDGE **C**

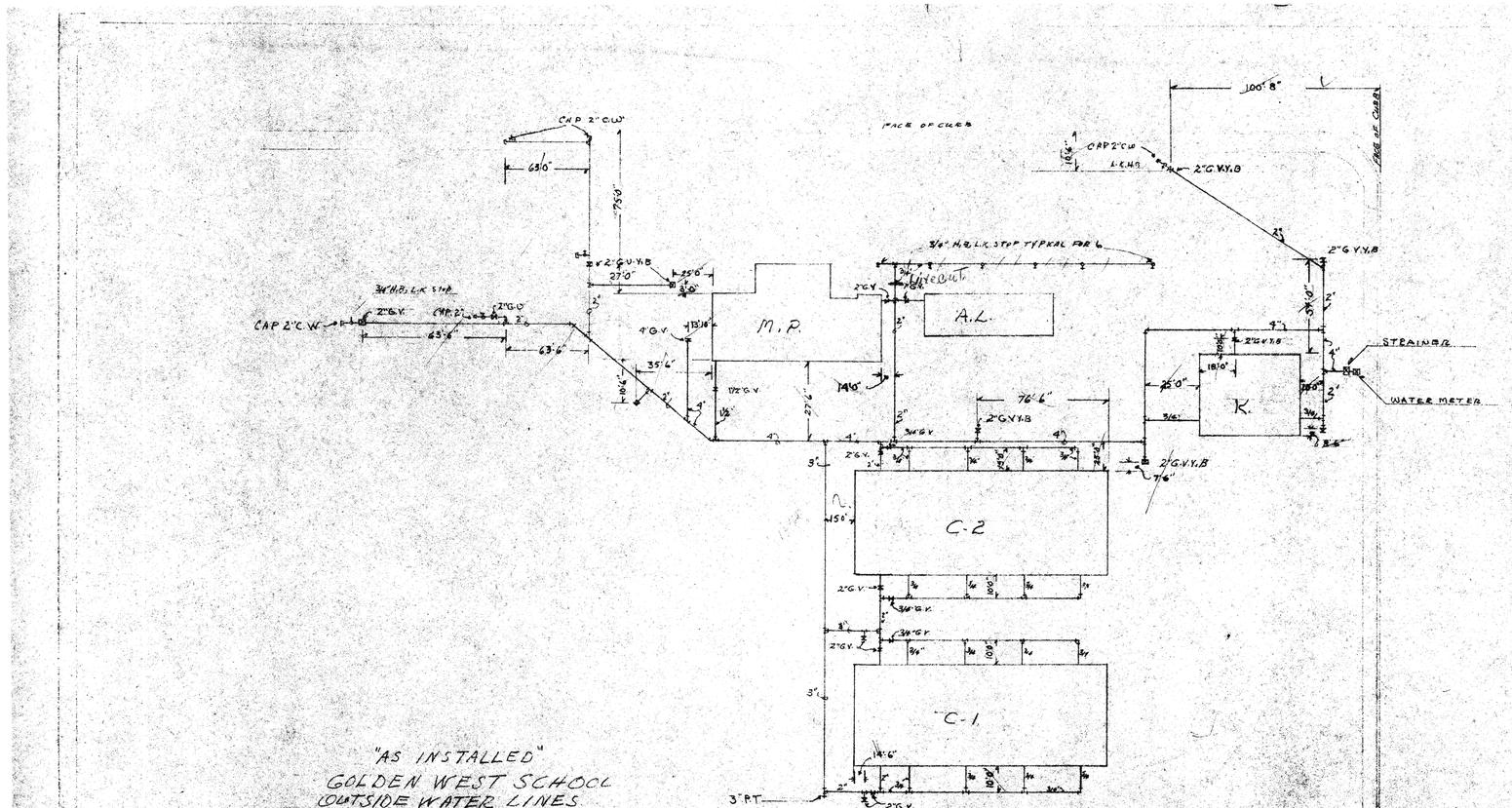
ADDITION OF STAINLESS STEEL COUNTER IN DISHWASHING ROOM IN MULTIPURPOSE BUILDING AT BOLSA CHICA, SPRINGDALE AND GOLDEN WEST SCHOOLS FOR THE WESTMINSTER SCHOOL DISTRICT WESTMINSTER, CALIFORNIA

KITCHEN COUNTER ADDITION
SCALE : 1 1/2" = 1'-0" & NOTED

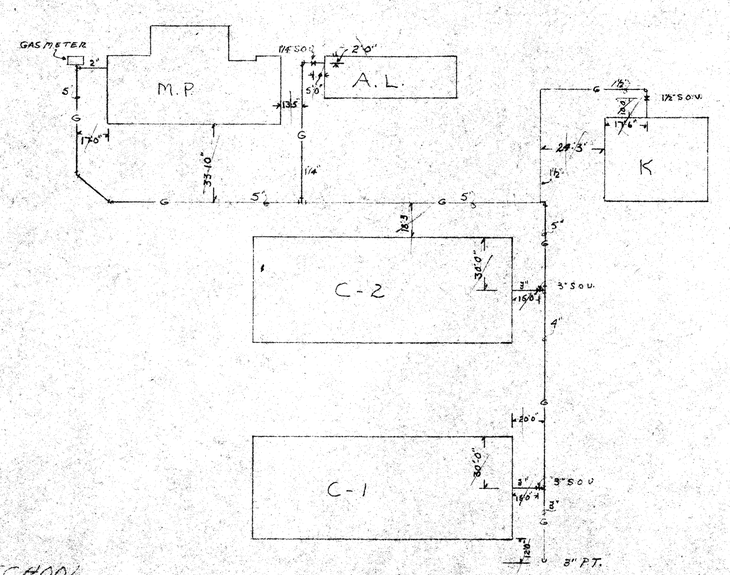
1-25-64

LEE B. KLINE ARCHITECT A.I.A.
953 WEST COLORADO BLVD. LOS ANGELES 41 CLINTON 4-2241

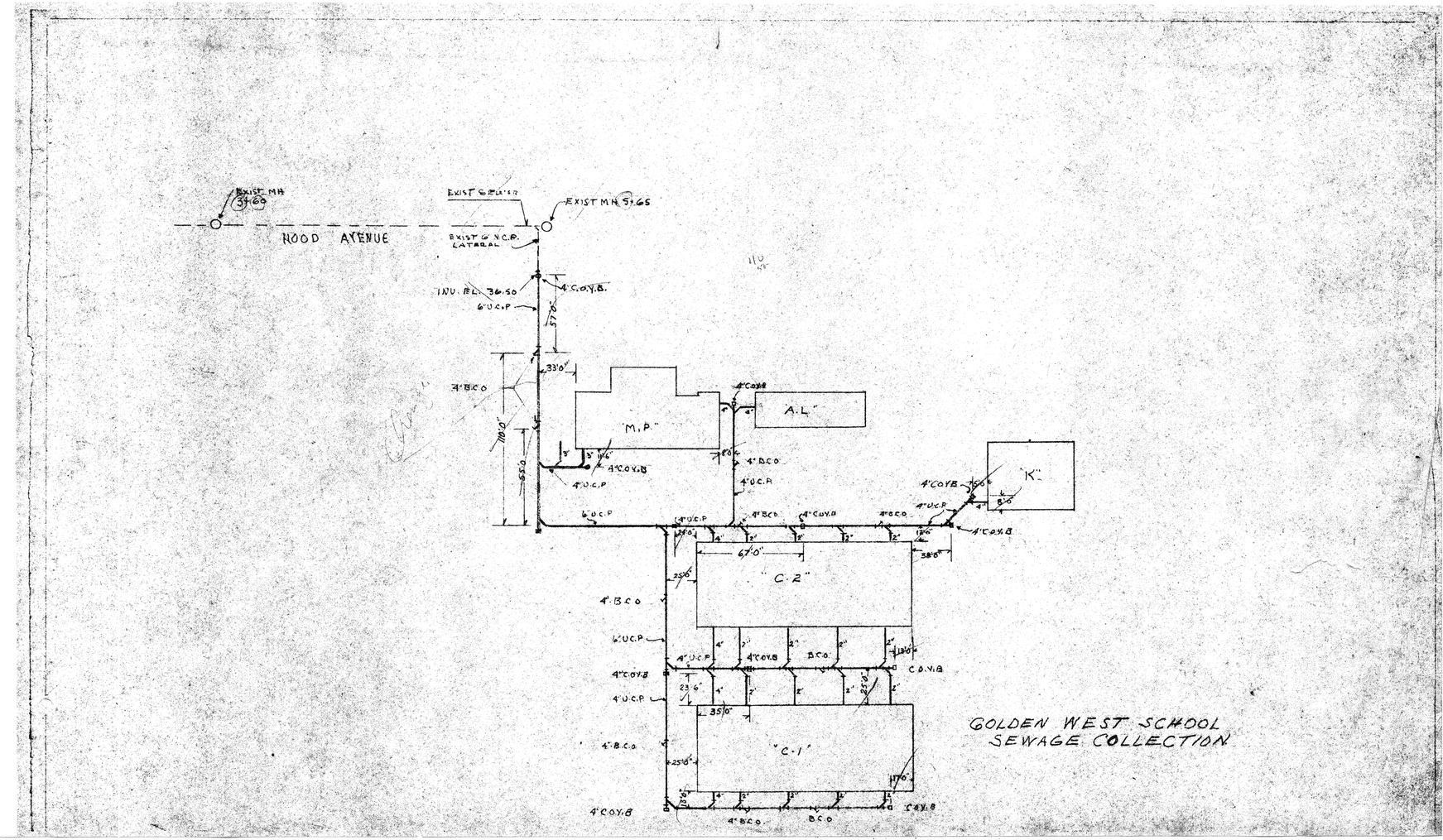
A1



"AS INSTALLED"
GOLDEN WEST SCHOOL
OUTSIDE WATER LINES



"AS INSTALLED"
GOLDEN WEST SCHOOL
OUTSIDE GAS LINES



GOLDEN WEST SCHOOL
SEWAGE COLLECTION