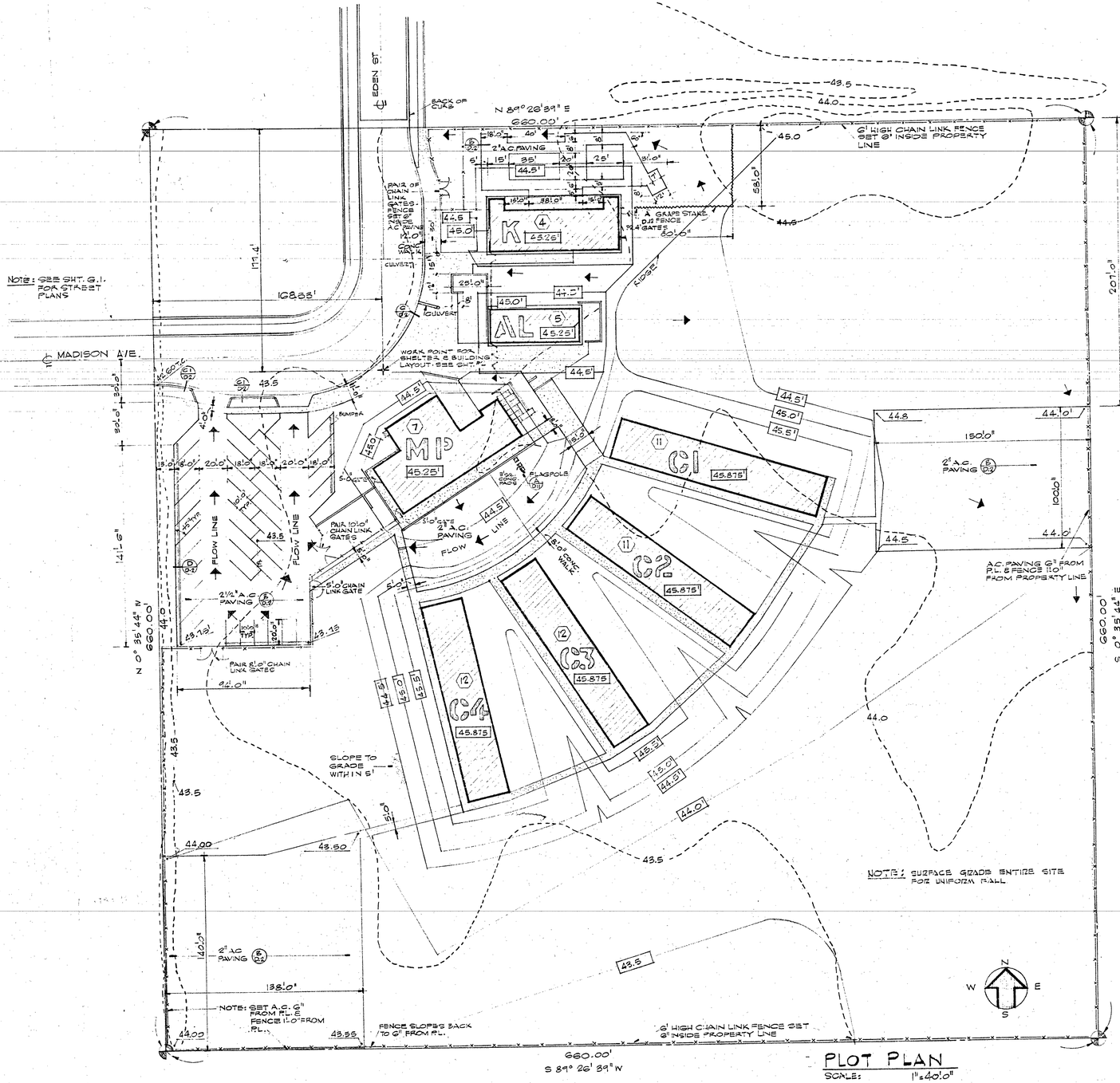
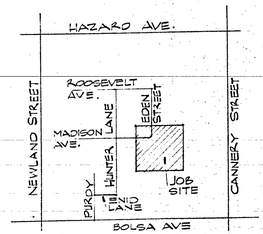
LEGAL DESCRIPTION

THE NORTH 660 FEET OF THE WEST 660 FEET OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 12, IN TOWNSHIP 5 SOUTH, RANGE 11 WEST, IN THE RANCHO LAS BOLSAS, CITY OF WESTMINSTER, AS SHOWN ON A MAP THERE OF RECORDED IN BOOK 51, PAGE 7 ET SEQ, MISCELLANEOUS MAPS, RECORDS OF SAID ORANGE COUNTY



PLOT PLAN
SCALE: 1"=40'0"



VICINITY MAP
NO SCALE

NORTH

ASPHALT CONC. PAVING — THICKNESS AS SHOWN

CEMENT PAVING - SEE SHT. #2

FLOOR PLAN SHEET REFERENCE NO.

00.00 FINISH GRADES OR CONTOURS

--.00.00-- EXISTING NATURAL GRADES OR CONTOURS

CHAIN LINK FENCE

GRAPE STAKE FENCE

LEGEND:

NOTE: "K" = KINDERGARTEN
"AL" = ADMINISTRATION - LIBRARY
"MP" = MULTI-PURPOSE
"C-1" THRU "C-4" = CLASSROOM BLDG.

SCHEDULE OF DRAWINGS

SHT. No.	DESCRIPTION
	ARCHITECURAL
A.1	PLOT PLAN & SCHEDULE OF DRAWINGS
A.2	STAKING PLAN
A.3	ROOF & COVERED WALK PLANS
A.4	KINDERGARTEN FLOOR PLAN
A.5	ADMINISTRATION - LIBRARY FLOOR PLAN
A.6	KINDERGARTEN & ADMINISTRATION DETAILS
A.7	MULTI-PURPOSE FLOOR PLAN
A.8	MULTI-PURPOSE EXTERIOR ELEVS.
A.9	MULTI-PURPOSE INTERIOR ELEVS.
A.10	MULTI-PURPOSE DETAILS
A.11	CLASS ROOM FLOOR PLANS (C-1, C-2)
A.12	CLASS ROOM FLOOR PLANS (C-3, C-4)
A.13	CLASSROOM EXTERIOR ELEVS.
A.14	CLASSROOM INTERIOR ELEVS. & DETAILS
A.15	DOOR SCHEDULE
A.16	DOOR DETAILS
A.17	WINDOW SCHEDULE
A.18	WINDOW DETAILS
A.19	EAVE & RAKE DETAILS
T. 1	TYPICAL DETAILS
	STRUCTURAL
S.1	TYPICAL DETAILS
S.2	SHELTER - FOUNDATION PLAN
S.3	SHELTER - ROOF FRAMING
S.4	SHELTER - DETAILS
S.5	KINDERGARTEN - FOUNDATION & ROOF PLAN
S.6	ADMINISTRATION - FOUNDATION & ROOF PLAN
S.7	ADMINISTRATION - SECTIONS & DETAILS
S.8	MULTI-PURPOSE - FOUNDATION PLAN
S.9	MULTI-PURPOSE - ROOF FRAMING PLAN
S.10	MULTI-PURPOSE - SECTIONS & DETAILS
S.11	MULTI-PURPOSE - SECTIONS & DETAILS
S.12	MULTI-PURPOSE - SECTIONS & DETAILS
S.13	CLASSROOMS - FOUNDATION PLAN
S.14	CLASSROOMS - ROOF FRAMING PLAN
S.15	SECTIONS & DETAILS - KINDERGARTEN & CL'RMS.
	MECHANICAL
H.1	HEATING - PLOT PLAN, KINDERGARTEN PLAN
H.2	HEATING - MULTI-PURPOSE & ADMIN. PLANS
H.3	HEATING - CLASSROOM PLANS
H.4	HEATING - DETAILS
H.5	HEATING - DETAILS
P.1	PLUMBING - PLOT PLAN
P.2	PLUMBING - MULTI-PURPOSE & ADMIN. PLANS
P.3	PLUMBING - KINDERGARTEN PLAN
P.4	PLUMBING - CLASSROOM PLANS
P.5	PLUMBING - DETAILS
	ELECTRICAL
E.1	PLOT PLAN & DETAILS
E.2	ADMINISTRATION - LIGHTING & RECEPTACLE PLAN
E.3	MULTI-PURPOSE - LIGHTING & RECEPTACLE PLANS
E.4	CLASSROOM - C-1 & C-2 LGTG. & RECEPT. PLANS
E.5	CLASSROOM - C-3 & C-4 LGTG. & RECEPT. PLANS
E.6	KINDERGARTEN - LIGHTING & RECEPTACLE PLANS
E.7	SCHEDULES, GENERAL NOTES & DETAILS
G.1	STREET WORK
SP.1	SPRINKLER LAYOUT
54	TOTAL SHEETS
DETAIL SHEETS D.1 THRU D.14 INCLUSIVE BOUND IN SPECS.	

APPROVED: Lee B. Kline
ARCHITECT
ENGINEER

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

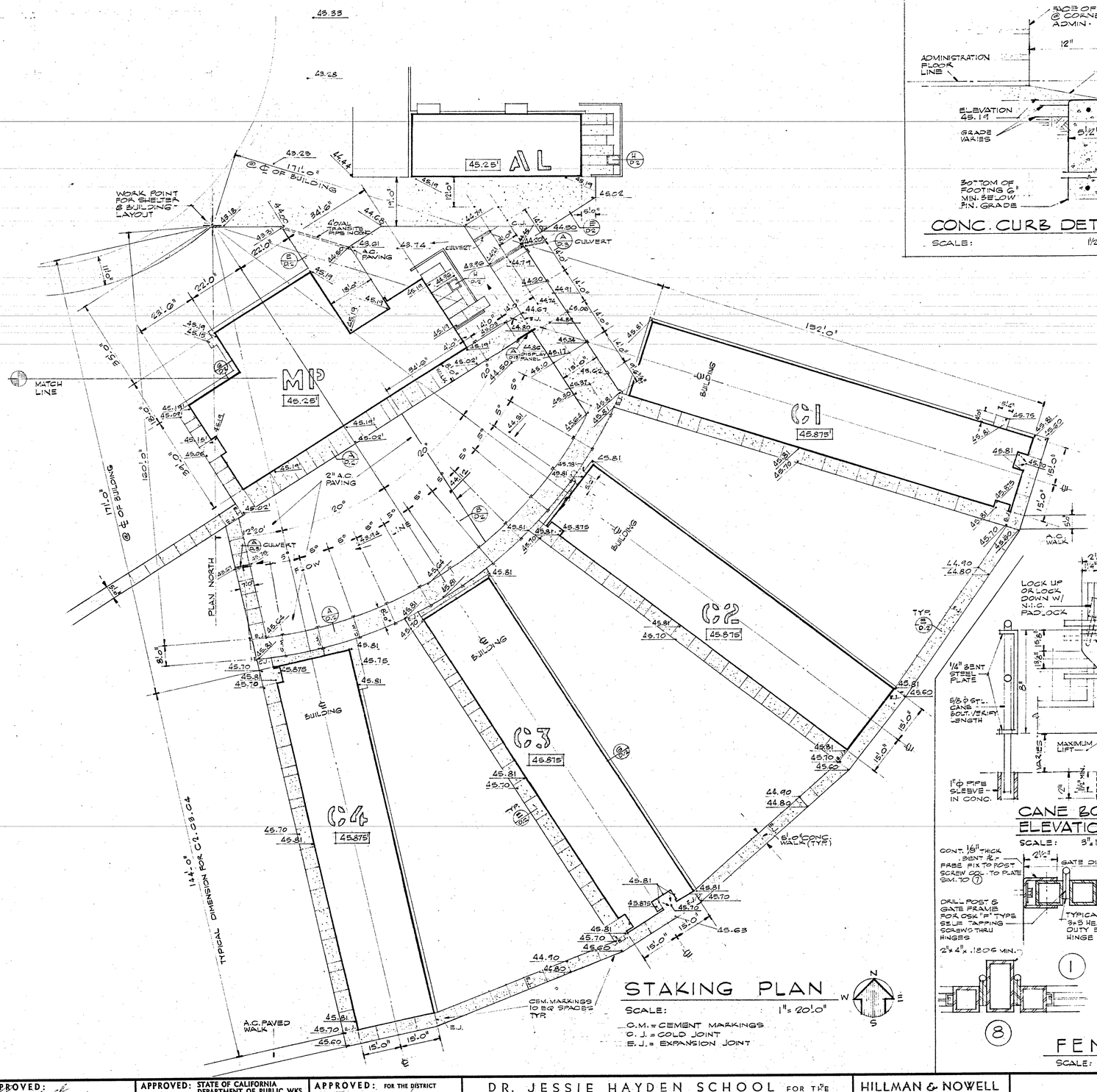
APPROVED: FOR THE DISTRICT

DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT
MADISON AT EDEN — 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

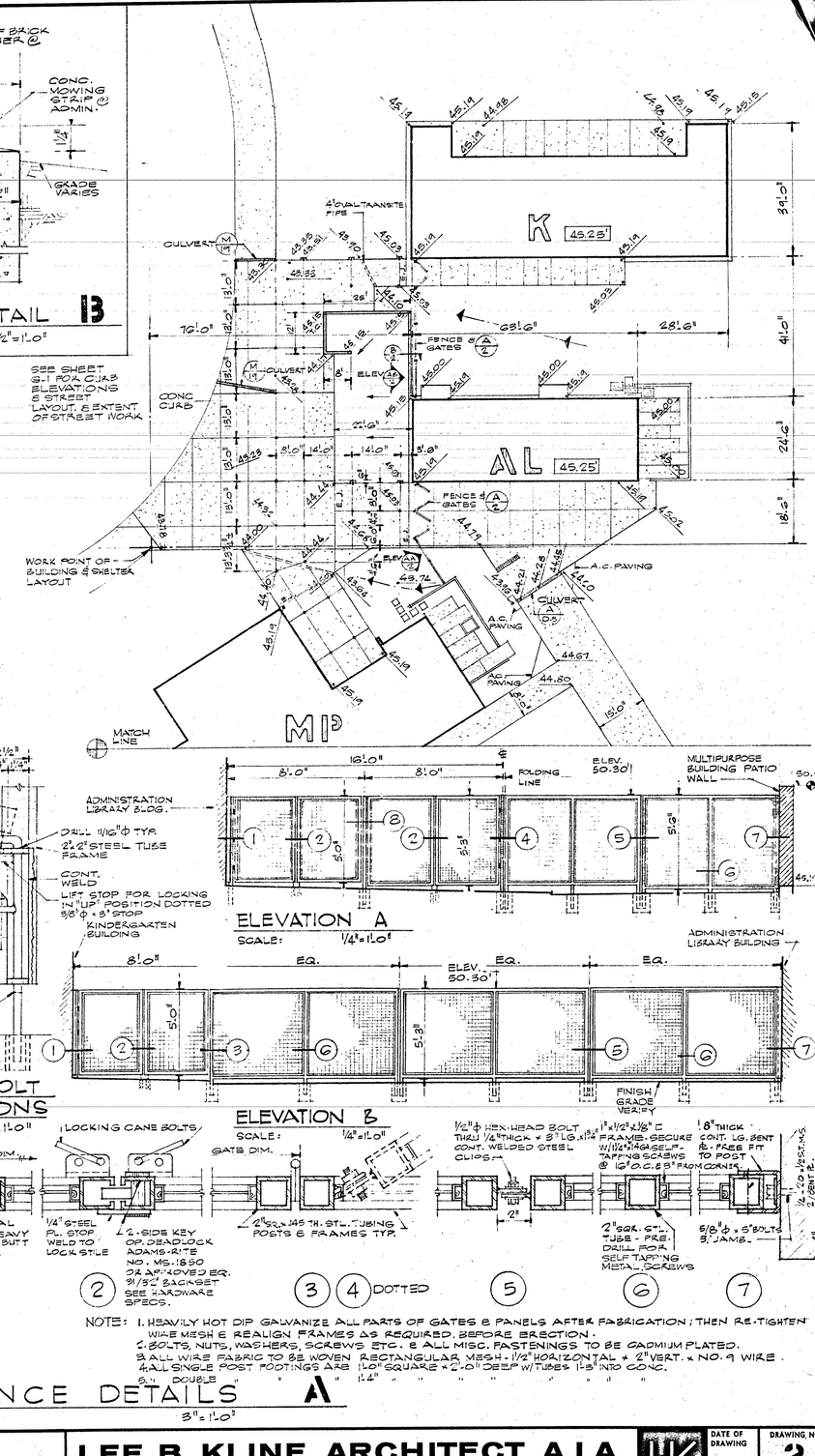
DATE OF DRAWING
DRAWN BY K. J.
DRAWING NO. 1
OF 54



CONC. CURB DETAIL B

SCALE: 1½" = 1'-0"

SEE SHEET G-1 FOR CURB ELEVATIONS & STREET LAYOUT & EXTENT OF STREET WORK



CANE BOLT ELEVATIONS

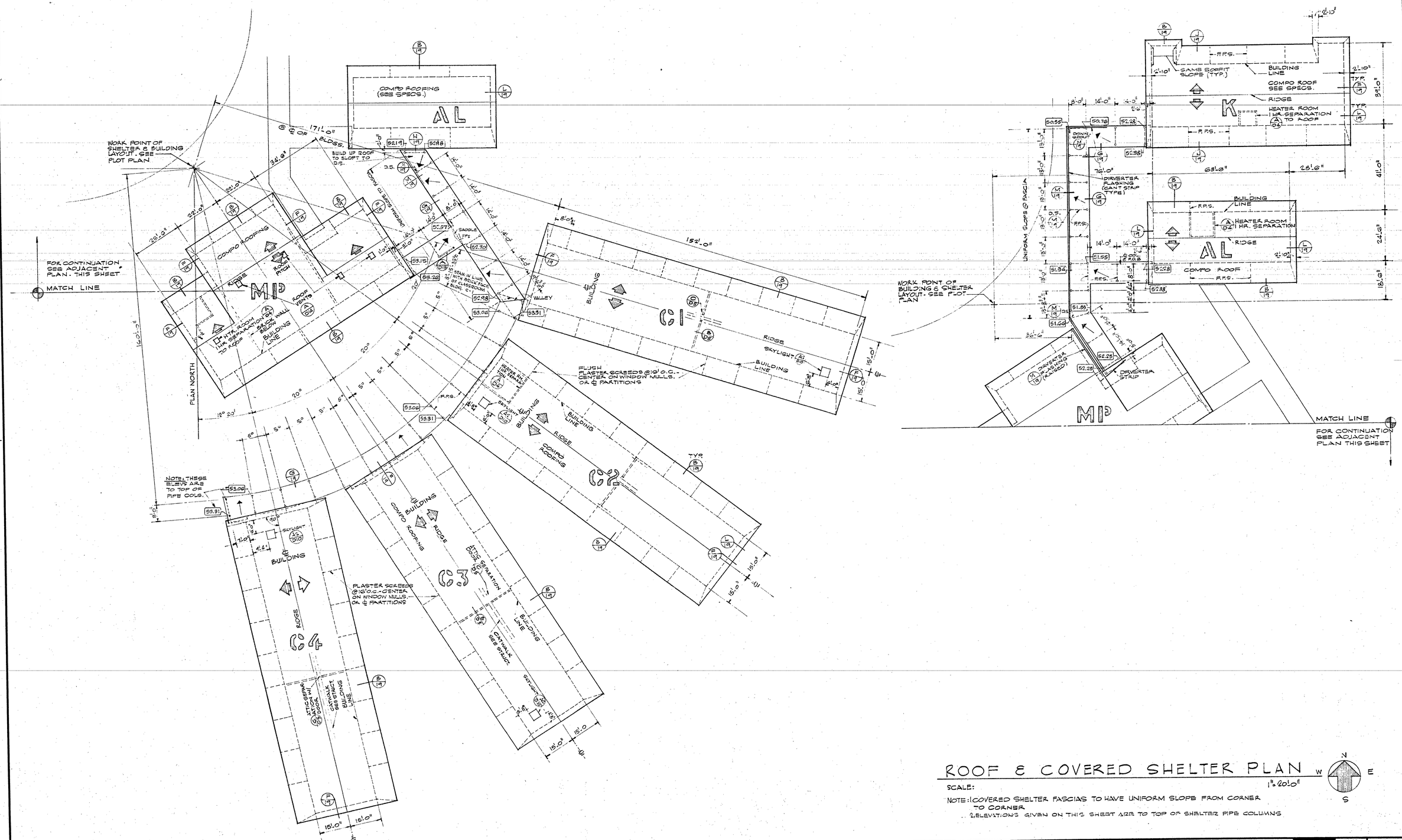
SCALE: 3" = 1'-0"

NOTE:
1. HEAVILY HOT DIP GALVANIZE ALL PARTS OF GATES & PANELS AFTER FABRICATION; THEN RE-TIGHTEN WIRE MESH & REALIGN FRAMES AS REQUIRED, BEFORE ERECTION.
2. BOLTS, NUTS, WASHERS, SCREWS ETC. & ALL MISC. FASTENINGS TO BE CADMIUM PLATED.
3. ALL WIRE FABRIC TO BE WOVEN RECTANGULAR MESH - 1½" HORIZONTAL x 2" VERT. x NO. 9 WIRE.
4. ALL SINGLE POST FOOTINGS ARE 1'-0" SQUARE x 2'-0" DEEP W/ TUBES 1'-8" INTO CONC.
5. " DOUBLE " 1'-4" " " " " " " " "

FENCE DETAILS A

SCALE: 3" = 1'-0"

APPROVED: ARCHITECT / ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE — APPL. NO. 2043 — DATE — PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT	DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT — MADISON AT EDEN — WESTMINSTER, CALIFORNIA	HILLMAN & NOWELL STRUCTURAL ENGINEERS — 816 W. 5th STREET MA 4-8746 — 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 R.J. — DRAWING NO. 2 OF 54



ROOF & COVERED SHELTER PLAN

SCALE: 1" = 20'-0"

NOTE: 1. COVERED SHELTER FASCIAS TO HAVE UNIFORM SLOPE FROM CORNER TO CORNER
2. ELEVATIONS GIVEN ON THIS SHEET ARE TO TOP OF SHELTER PIPE COLUMNS

APPROVED:	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE	APPROVED: FOR THE DISTRICT	DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT	HILLMAN & NOWELL STRUCTURAL ENGINEERS	LEE B. KLINE, ARCHITECT, A.I.A.	DATE OF DRAWING	DRAWING NO.
ARCHITECT	APPL. NO.		ADISON AT EDEN WESTMINSTER, CALIFORNIA	816 W. 5th STREET MA 4-8748 LOS ANGELES 17, CALIFORNIA	963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241	DRAWN BY	3 OF 54
ENGINEER	DATE PRINCIPAL STRUCTURAL ENGINEER						

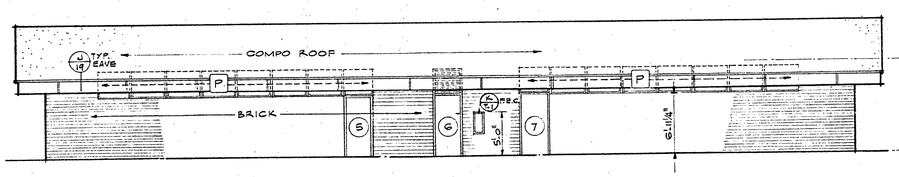
FINISH SCHEDULE

TYPICAL NOTE:
CEILING HEIGHTS ARE TO BOTTOM OF CEILING JOISTS OR RAFTERS.
▬ TH. PLAS. ON BRICK
#8&8"
④ SHT" FOR ROOM ELEV
+ FOR BASES SEE G/T-1

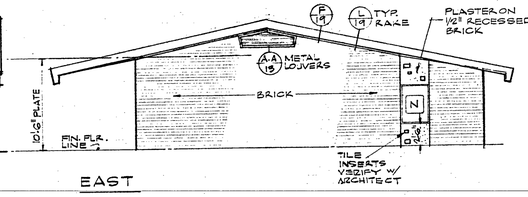
ABBREVIATIONS:

A.C.	=	ASPHALTIC CONC.	G.A.T.	=	GREASE-PROOF A.T.
ACT.	=	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	C.M.	=	CEMENT MARK
E.J.	=	EXPANSION JOINT			

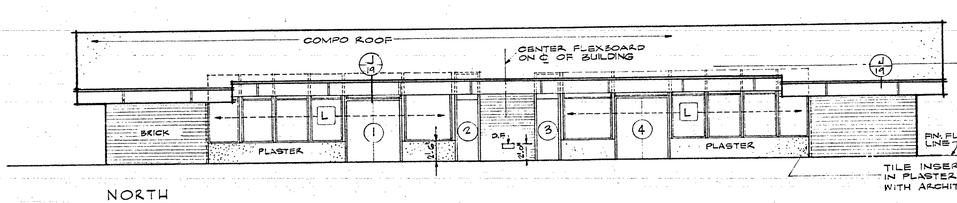
UNIT	No.	ROOM NAME	FLOOR MATERIAL	FLOOR + BASE	WALLS MATERIAL	WALLS FIN.	WAINSCOT MATERIAL	WAINSCOT FIN.	CEILING MATERIAL	CEILING FIN.	CEILING HEIGHT	REMARKS
KINDERGARTEN	1	KINDERGARTEN	A.T. C.T.	VINYL	BRICK PLAS.	NAT. PTD.	TILE @ LAV.		AC. T.	F.F.	10'-6"	AC.T. OR PLAS. SOFFIT SEE INT. ELEVS.
	2	KINDERGARTEN	A.T. C.T.	VINYL	BRICK PLAS.	NAT. PTD.	TILE @ LAV.		AC. T.	F.F.	10'-6"	AC.T. OR PLAS. SOFFIT SEE INT. ELEVS.
	3	TOILET	C.T.	C.T.	BRICK PLAS.	PTD.	—	—	AC. T.	F.F.	7'-3"	AC.T. ON 3/8" GYP. BRD. CLG.
	4	TOILET	C.T	C.T.	BRICK PLAS.	PTD.	—	—	AC. T.	F.F.	7'-3"	AC.T. ON 3/8" GYP. BD. CLG.
	5	WORK ROOM	A.T.	VINYL	PLAS.	PTD.	—	—	1/2" ACT. ON 5/8" GYP. BD.	F.F.	8'-2"	
	6	HEATER ROOM	CONC.	VINYL	BRICK PLAS.	—	—	—	PLAS.	—	VARIES	1HR. SEPARATION
	7	STORAGE	CONC.	VINYL	BRICK PLAS.	PTD.	—	—	PLAS.	PTD.	7'-1 1/2"	
	8	STORAGE	CONC.	VINYL	BRICK PLAS.	PTD.	—	—	PLAS.	PTD.	7'-1 1/2"	



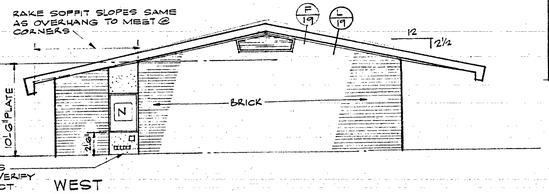
SOUTH



EAST



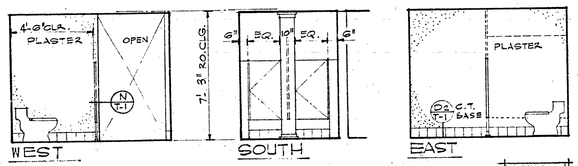
NORTH



WEST

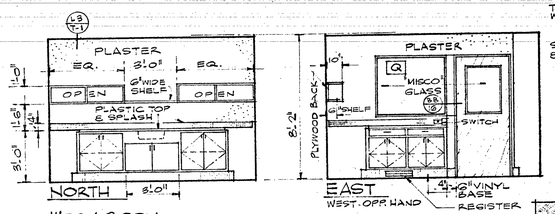
EXTERIOR ELEVATIONS

SCALE 1/8" = 1'-0"



WEST SOUTH EAST

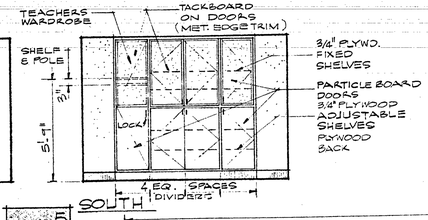
TOILET ROOM 4. SIMILAR OPP. HAND 3



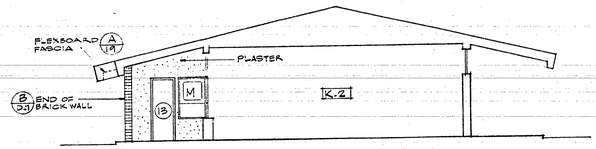
NORTH

EAST WEST OPP. HAND

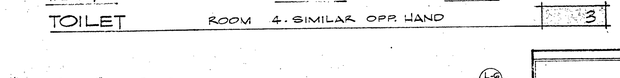
WORK ROOM 5



SOUTH



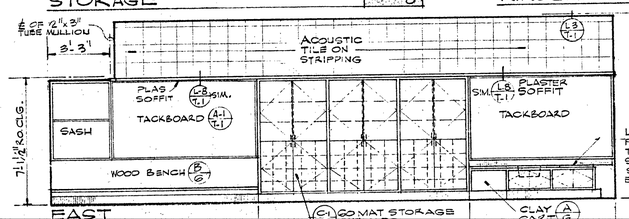
WEST - ELEVATION - SECTION



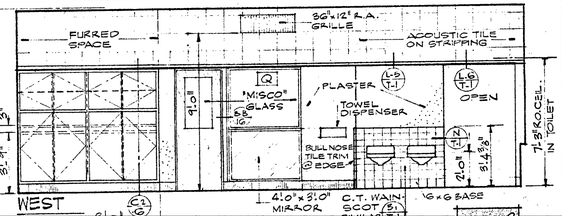
NORTH STORAGE

EAST 8

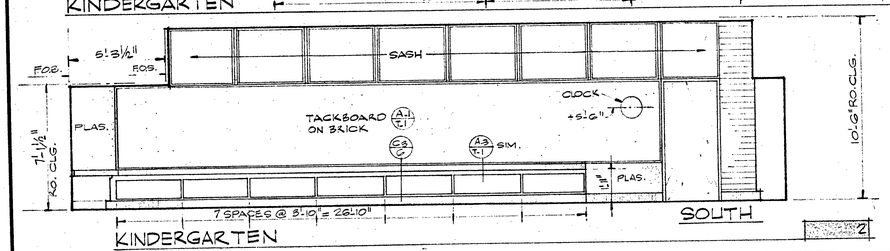
NORTH KINDERGARTEN 2



EAST KINDERGARTEN

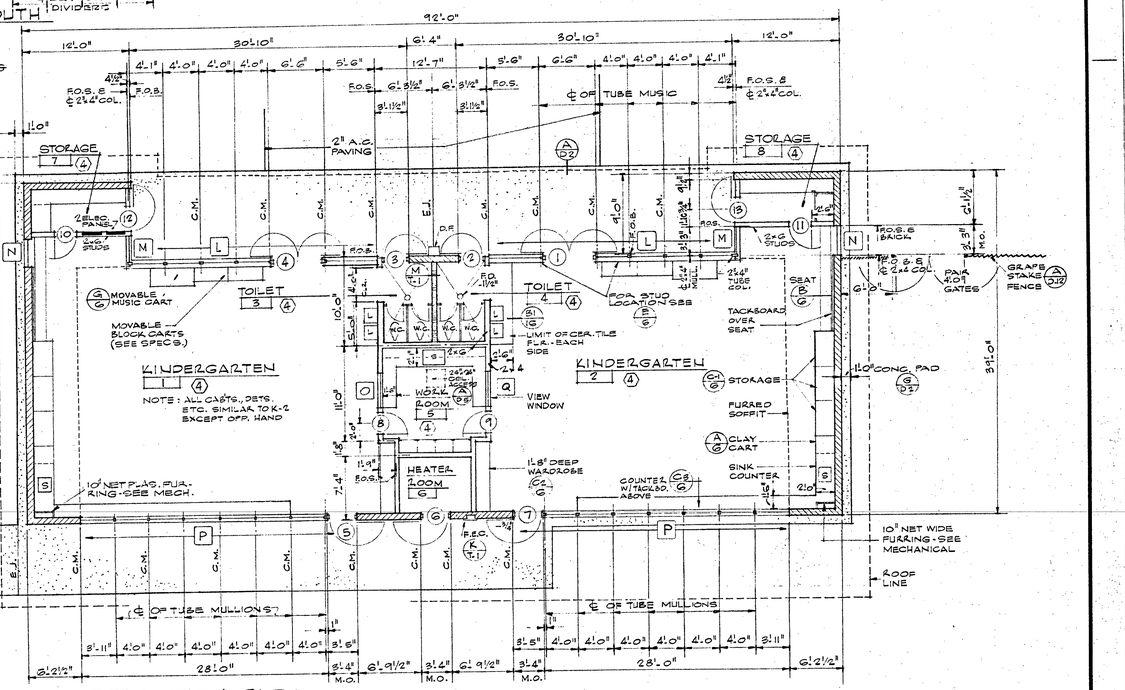


WEST 2



SOUTH KINDERGARTEN 2

NOTE: INTERIOR ELEV. SCALE: 1/4" = 1'-0"



K KINDERGARTEN BLDG. FLOOR PLAN

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

NOTE: ALL INTERIOR PARTITIONS SHALL BE 2x4 WOOD STUDS UNLESS NOTED OTHERWISE

APPROVED: ARCHITECT	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE	APPROVED: FOR THE DISTRICT	DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT
ENGINEER	APPL. NO. DATE JUL 27 1960 — PRINCIPAL STRUCTURAL ENGINEER		MADISON AT EDEN — WESTMINSTER, CALIFORNIA

HILLMAN & NOWELL STRUCTURAL ENGINEERS
816 W. 5th STREET MA 4-8746
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 J.J.
DRAWING NO. 4 OF (54)

4

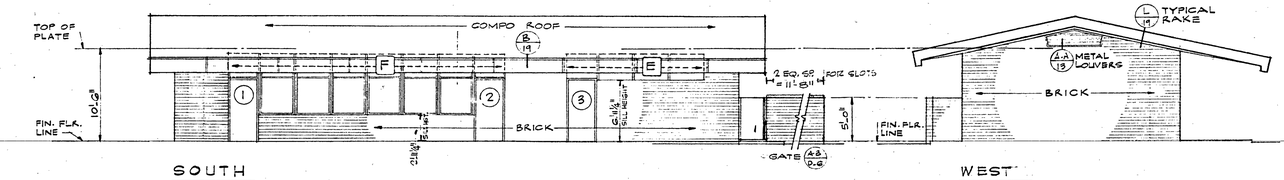
FINISH SCHEDULE

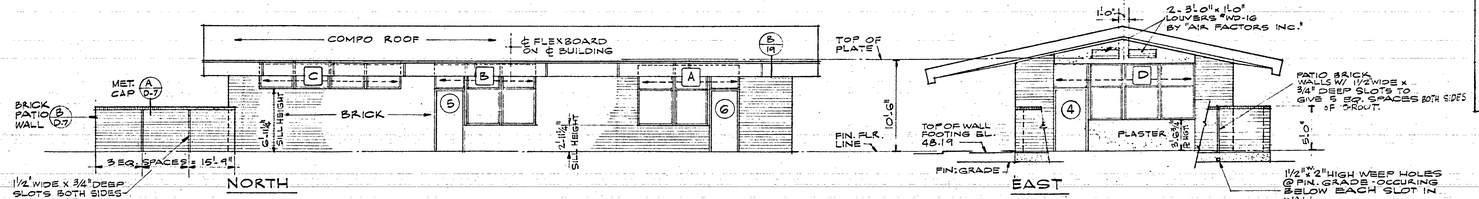
TYPICAL NOTE:
CEILING HEIGHTS ARE TO BOTTOM OF CEILING JOISTS OR RAFTERS.
*½" TH. PLAS. ON BRICK
‡ FOR BASES SEE (G/T-1)
(S) SHT NO. FOR ROOM ELEV.

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	CM.	=	CEMENT MARKING
E.J.	=	EXPANSION JOINTS			

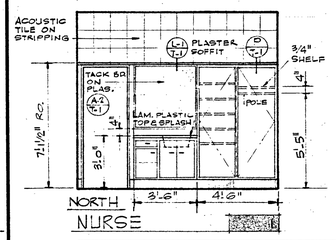
UNIT	No.	ROOM NAME	FLOOR MATERIAL	FLOOR ‡ BASE	WALLS MATERIAL	WALLS FIN.	WAINSCOT MATERIAL	WAINSCOT FIN.	CEILING MATERIAL	CEILING FIN.	CEILING HEIGHT	REMARKS
ADMINISTRATION BLDG.	1	NURSE	A.T.	VINYL	PLASTER BRICK	PTD.			AC.T.(1)	F.F.	10'-2⅜"	(1) ACT. WALL SURFACE PLAS. SOFFIT PTD.
	2	CLERK	A.T.	VINYL	PLASTER BRICK	PTD.			AC. T(1)	F.F.	10'-2⅜"	(1) ACT. WALL SURFACE PLAS. SOFFIT PTD.
	3	PUBLIC	A.T.	VINYL	PLASTER BRICK	PTD. NAT. FIN.			AC. T	F.F.	10'-2⅜"	ACT. WALL SURFACE
	4	LIBRARY	A. T.	VINYL	PLASTER BRICK	PTD. NAT. FIN.			AC. T.	F.F.	10'-2⅜"	ACT. WALL SURFACE
	5	PRINCIPAL	A. T.	VINYL	PLASTER BRICK	PTD. NAT. FIN.			AC.T. (1)	F.F.	10'-2⅜"	(1) PLAS. SOFFIT PTD.
	6	STORAGE	A.T.	VINYL	PLASTER	PTD.			PLASTER	PTD.	7'-7"	
	7	REST ROOM	A.T.	VINYL	PLASTER BRICK	PTD. NAT. FIN.			AC. T.	F.F.	10'-2⅜"	
	8	OTIC	A.T.	VINYL	PLASTER BRICK *	PTD.			AC.T.	F.F.	8'-1"	*½" PLAS. ON BRICK WALL
	9	TOILET	A.T.	VINYL	PLASTER BRICK *	PTD.			AC T.	F.F.	8'-1"	* ½" PLAS. ON BRICK WALL
	10	HEATER	WOOD	——	5/8" GYP. BD.*	PTD.			——	——	VARIES	* GYP. BD BOTH SIDES TO ROOF

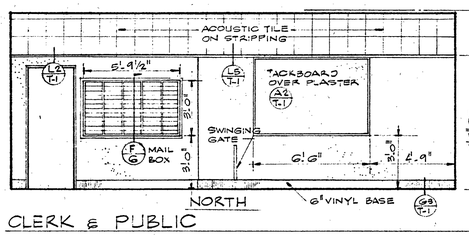


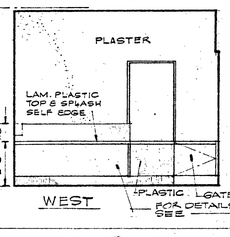


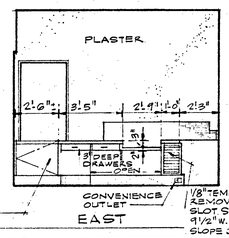
EXTERIOR ELEVATIONS

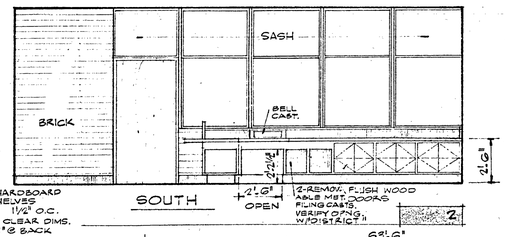
SCALE: 1/8" = 1'-0"

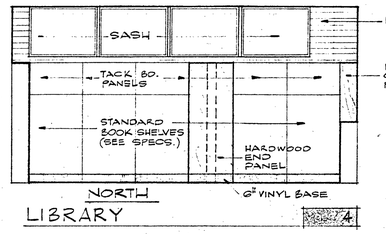


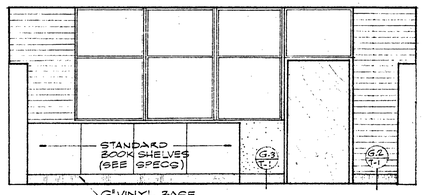


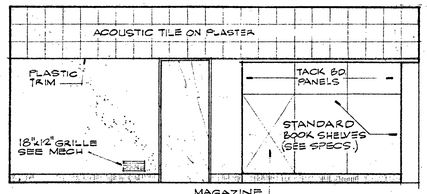


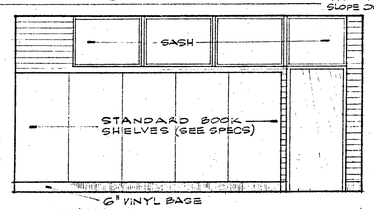


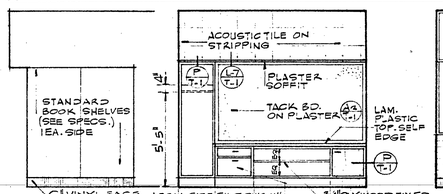


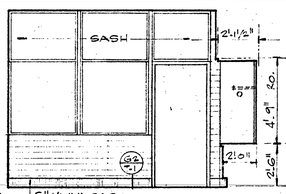


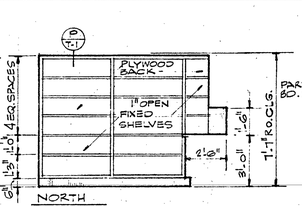


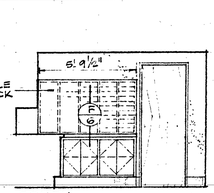


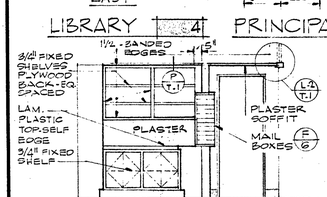


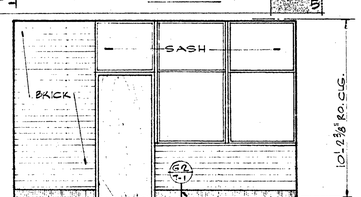


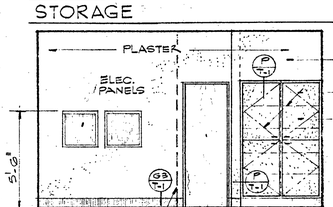


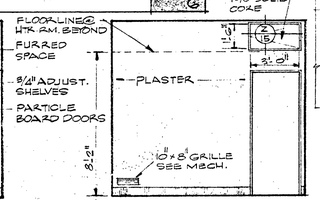


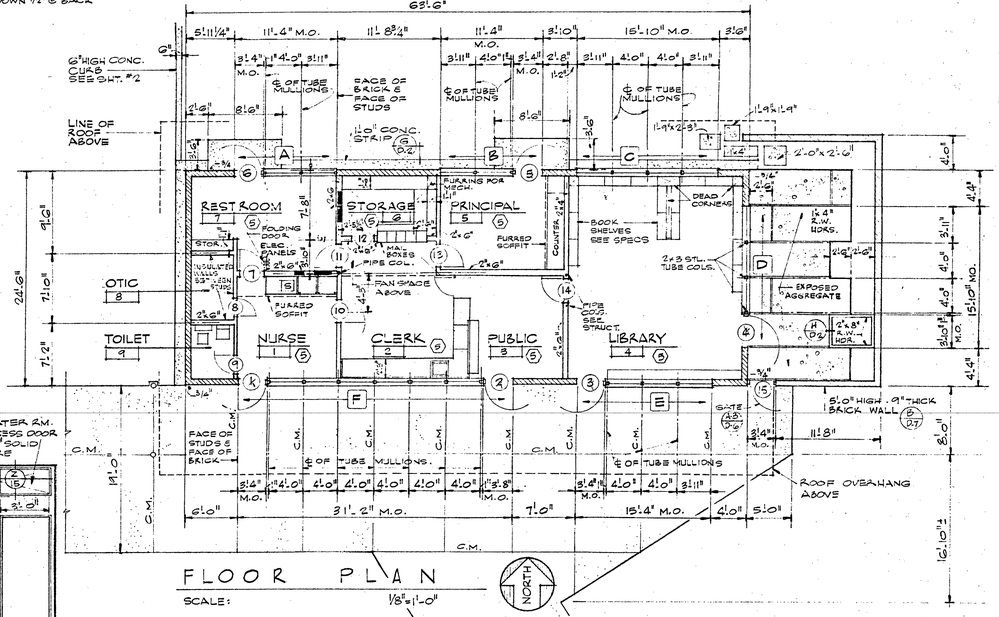








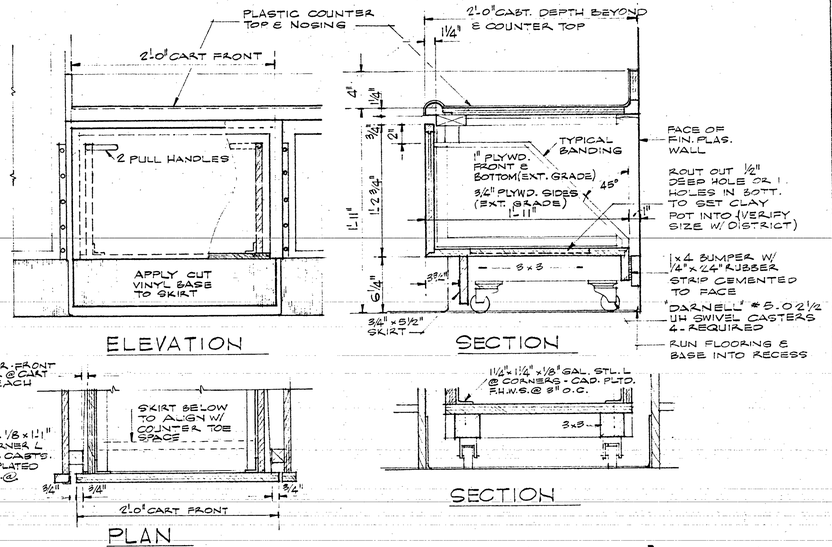




A-L ADMINISTRATION - LIBRARY BUILDING

NOTE! INTERIOR ELEV. - SCALE: ¼" = 1'-0"

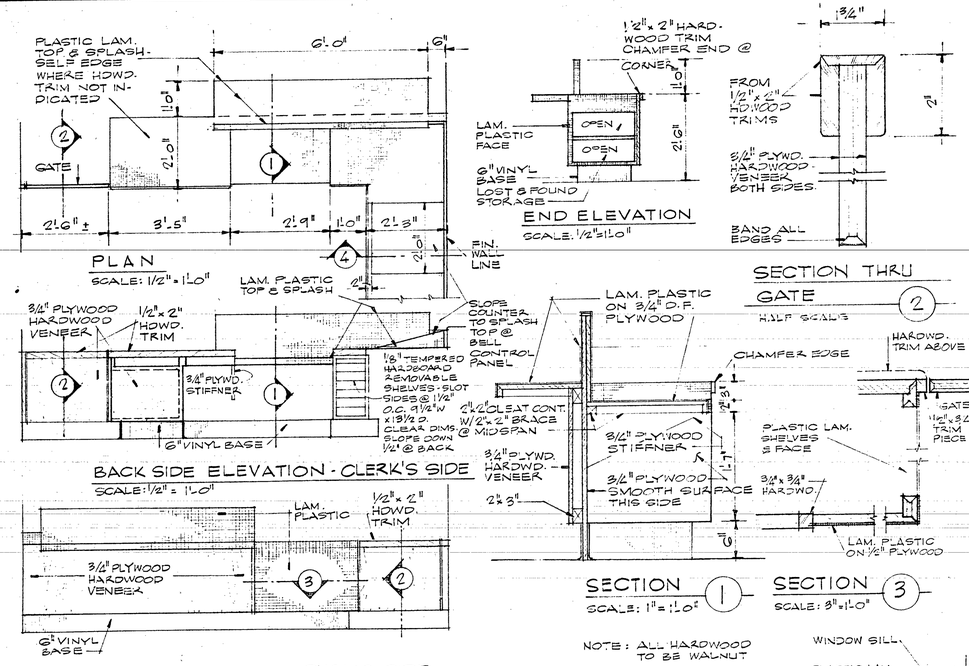
APPROVED:	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE	APPROVED: FOR THE DISTRICT	DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT	HILLMAN & NOWELL STRUCTURAL ENGINEERS	LEE B. KLINE, ARCHITECT, A.I.A.
ARCHITECT	APPL. NO.		MADISON AT EDEN	816 W. 5th STREET MA 4-6748	963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241
ENGINEER	DATE PRINCIPAL STRUCTURAL ENGINEER		WESTMINSTER, CALIFORNIA	LOS ANGELES 17, CALIFORNIA	DATE OF DRAWING · DRAWN BY · DRAWING NO. 5 OF 54



KINDERGARTEN CLAY CART

SCALE: 1½" = 1'-0"

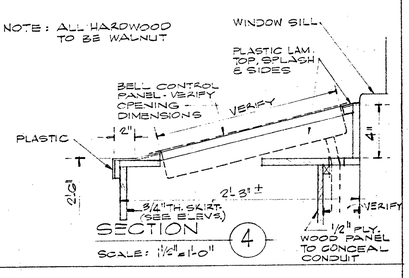
A

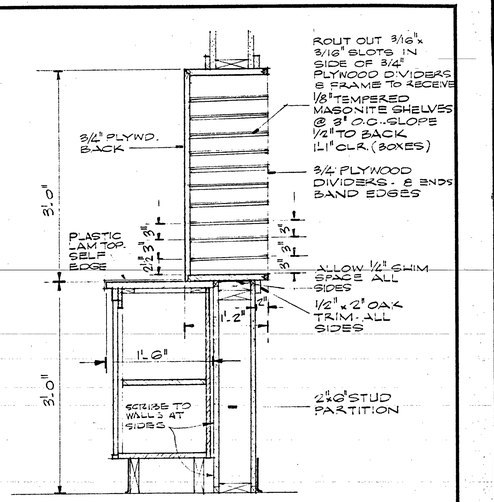


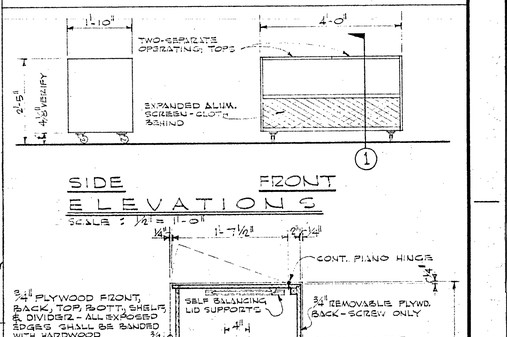
CLERK'S DESK

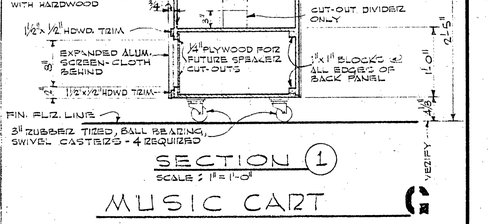
D

NOTE: ALL HARDWOOD TO BE WALNUT







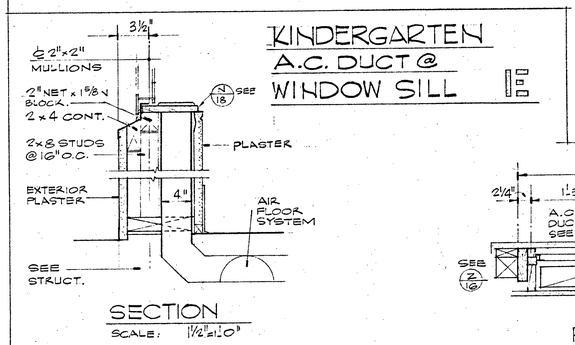


C

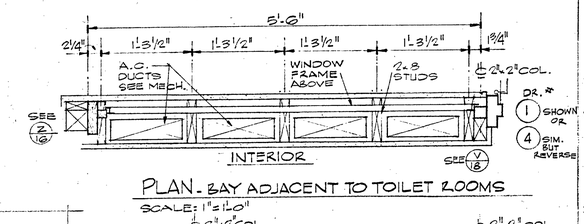
WOOD SEAT DETAIL

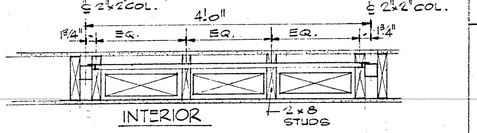
SCALE: 1½" = 1'-0"

B



KINDERGARTEN A.C. DUCT @ WINDOW SILL





CABINET DETAILS

SCALE: ½" = 1'-0"

C

APPROVED: ARCHITECT / ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE — APPL. NO. 234 — DATE — PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT	DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT — MADISON AT EDEN — WESTMINSTER, CALIFORNIA	LEE B. KLINE, ARCHITECT, A.I.A. — 963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241	DATE OF DRAWING 12.J.61	DRAWING NO. G

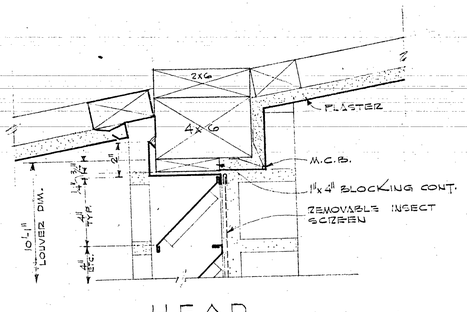
FINISH SCHEDULE

TYPICAL NOTE:
CEILING HEIGHTS ARE TO BOTTOM OF CEILING JOISTS OR RAFTERS.
*½" TH. PLAS. ON BRICK
+ FOR BASES SEE (4) (T)
(4) = SHT. NO. FOR ROOM ELEV.

ABBREVIATIONS:

A.C.	=	ASPHALTIC CONC.	C.A.T.	=	GREASE-PROOF A.T.
ACT.	=	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	C.M.	=	CEMENT MARK
E.J.	=	EXPANSION JOINT			

UNIT	No.	ROOM NAME	FLOOR MATERIAL	FLOOR + BASE	WALLS MATERIAL	WALLS FIN.	WAINSCOT MATERIAL	WAINSCOT FIN.	CEILING MATERIAL	CEILING FIN.	CEILING HEIGHT	REMARKS
MP	1	TEACHERS DINING	C.A.T.	VINYL	BRICK PLAS.	WAT. FIN. ① PTD.			ACT. ON 5/8" GYP. BD.	F.F.	10'-4½"	① PT. WEST WALL
	2	WORK ROOM	A.T.	VINYL	BRICK PLAS.	WAT. FIN. PTD.			ACT. ON 5/8" GYP. BD.	F.F.	10'-4½"	
	3	MEN	C.T.	C.T.	BRICK* PLAS.	PTD.	CT ⑤ URINALS ⑥		ACT. ON 5/8" GYP. BD.	F.F.	8'-1"	⑤ SEE (6) (T)
	4	WOMEN	C.T.	C.T.	BRICK* PLAS.	PTD.			ACT. ON 5/8" GYP. BD.	F.F.	8'-1"	
	5	FOYER	C.A.T. ①	VINYL	BRICK PLAS. ③	NAT. FIN. PTD.			ACOUST. PLAS.	COLOR	10'-2⅜"	③ 4" TILE PATTERN AT DINING, FOUNT. ④ ACOUST. PLAS. PTD. PLAS. SOFFIT
	6	MULTI-PURPOSE RM.	C.A.T.	VINYL	BRICK, AC. PLAS. PLAS.	WAT. FIN. COLOR PTD.			½" ACT. ON 5/8" GYP. BD.	F.F.	SLOPES	
	7	CHAIR STORAGE	CEM.	VINYL	BRICK PLAS.	WAT. FIN. PTD.			PLAS.	PTD.	8'-6"	
	8	HEATER ROOM	CEM.	VINYL	BRICK PLAS.	NAT. FIN.			PLAS.	——	SLOPES	① ½" PLAS. ON BRICK - SOUTH WALL
	9	CUSTODIAN	A.T.	VINYL	PLAS.	WAT. FIN. PTD.			PLAS.	PTD.	8'-6"	
	10	EXIT HALL	C.A.T.	VINYL	BRICK, AC. PLAS.	WAT. FIN. PTD.			½" ACT. ON 5/8" GYP. BD.	F.F.	8'-5⅝"	
	11	KITCHEN	C.A.T.	VINYL	BRICK PLAS.	PTD.			½" ACT. ON 5/8" GYP. BD.	F.F.E.	10'-4½"	
	12	DISHWASHING	C.A.T.	VINYL	BRICK ①③ PLAS.	PTD.			½" ACT. ON 5/8" GYP. BD.	F.F.E.	10'-4½"	① ½" TH. PLAS. NORTH WALL ③ WAT. FIN. SOUTH WALL



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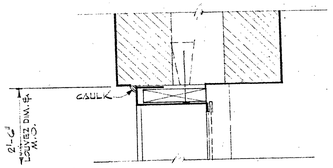
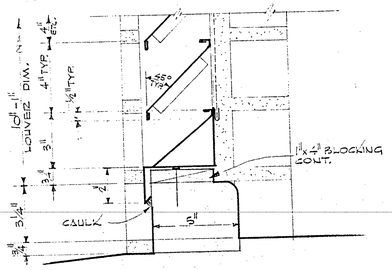


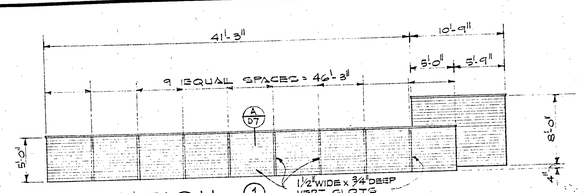
JAMB



SILL

METAL LOUVER A

SCALE : 3" = 1'-0"



ELEVATION (1)

SCALE : ⅛" = 1'-0"

SERVICE YARD

MULTI-PURPOSE BUILDING MP

SCALE : ⅛" = 1'-0"

GENERAL NOTES :

1. FOR PAVING SEE SHT. # 2
2. ALL INTERIOR PARTITIONS SHALL BE 2"x4" WOOD STUDS EXCEPT AS OTHERWISE NOTED OR INDICATED
3. ALL BUILDING BRICK WALLS SHALL BE 7½" TH.
4. SERVICE YARD & PATIO WALLS SHALL BE 9" TH.
5. ALL STUD WALL DIMENSIONS ARE TO ℄ OR AS OTHERWISE NOTED AS F.O.S. (F.S. FACE OF STUDS)

APPROVED: [illegible] ARCHITECT

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
APPL. NO. [illegible]

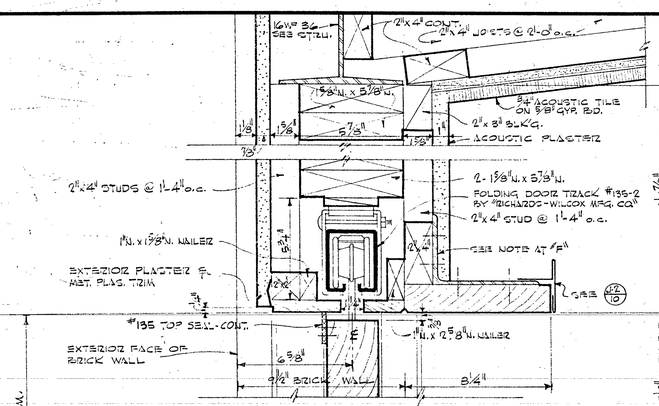
APPROVED: FOR THE DISTRICT [illegible]

DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT
MADISON AT EDEN WESTMINSTER, CALIFORNIA

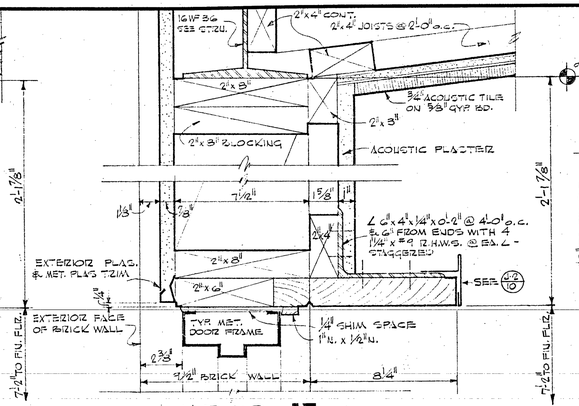
HILLMAN & NOWELL STRUCTURAL ENGINEERS
816 W. 5th STREET MA 4-8748
LOS ANGELES 17, CALIFORNIA

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

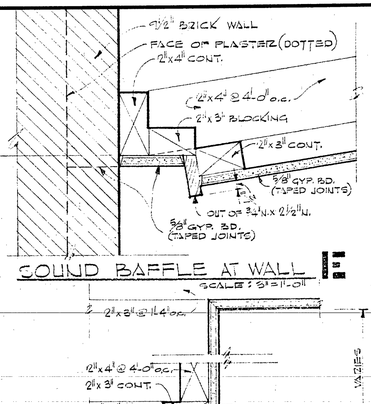
DATE OF DRAWING
DRAWN BY
DRAWING NO. 7 OF (5T)



HEAD
SCALE: 3"=1'-0" **J**

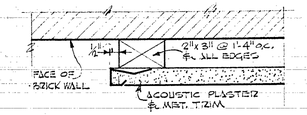


HEAD
SCALE: 3"=1'-0" **F**

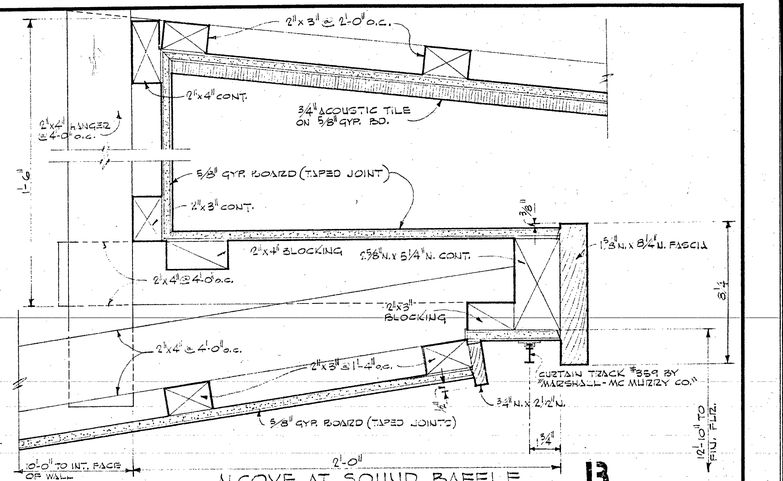


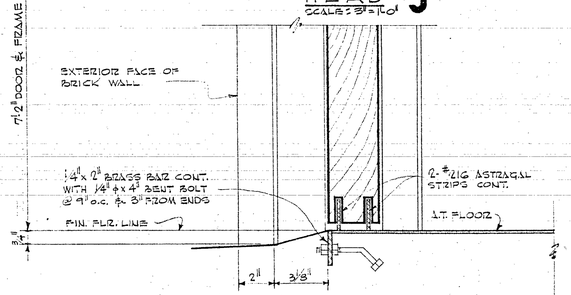
SOUND BAFFLE AT WALL
SCALE: 3"=1'-0" **E**

SIDE OF SOUND BAFFLE
SCALE: 3"=1'-0" **D**

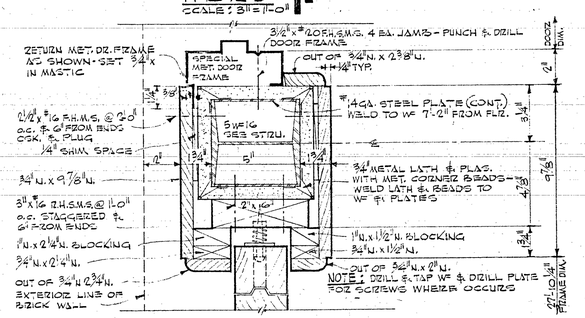


ACOUSTIC PLASTER AT BRICK WALL
SCALE: 3"=1'-0" **C**

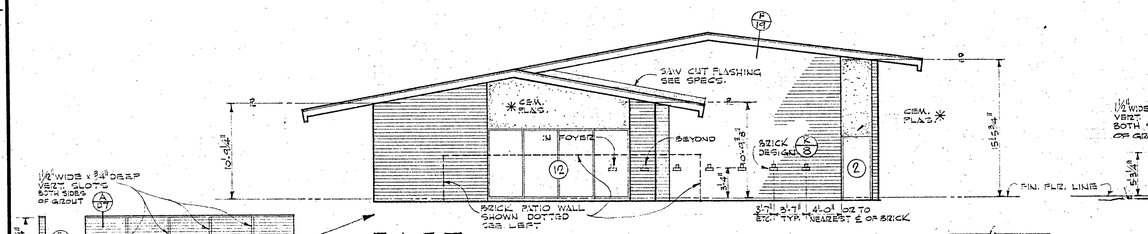


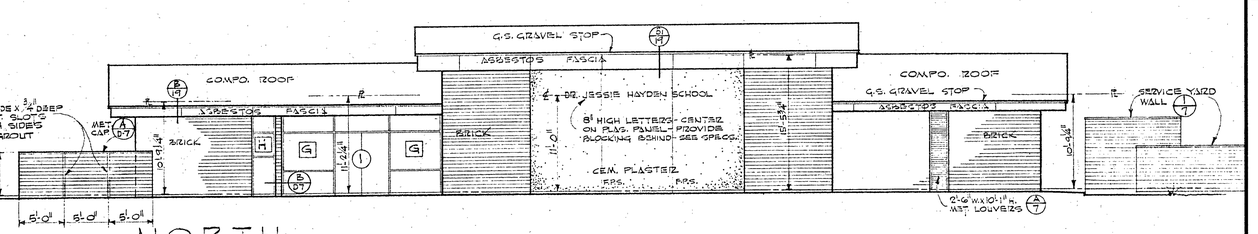


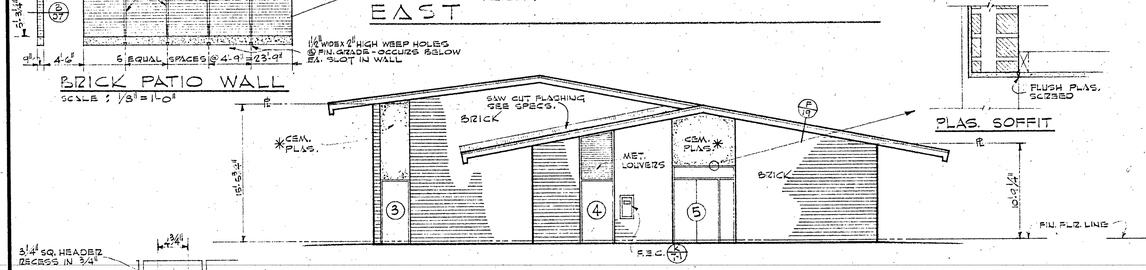
SILL
SCALE: 3"=1'-0" **H**

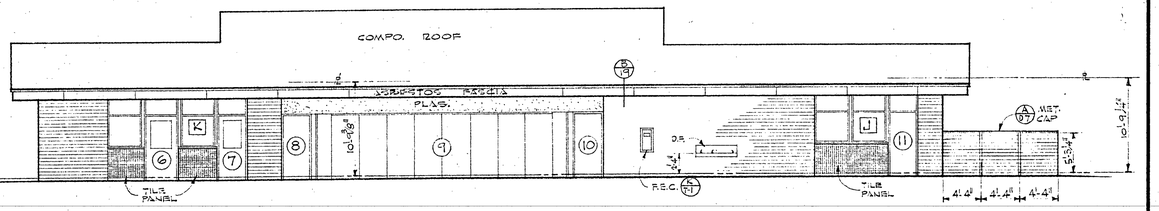


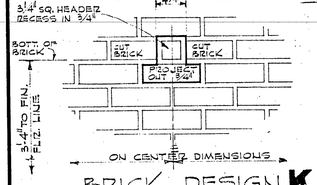
JAMB
SCALE: 3"=1'-0" **G**









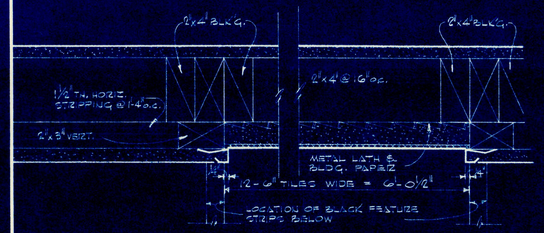


EXTERIOR ELEVATIONS
MULTI - PURPOSE BUILDING

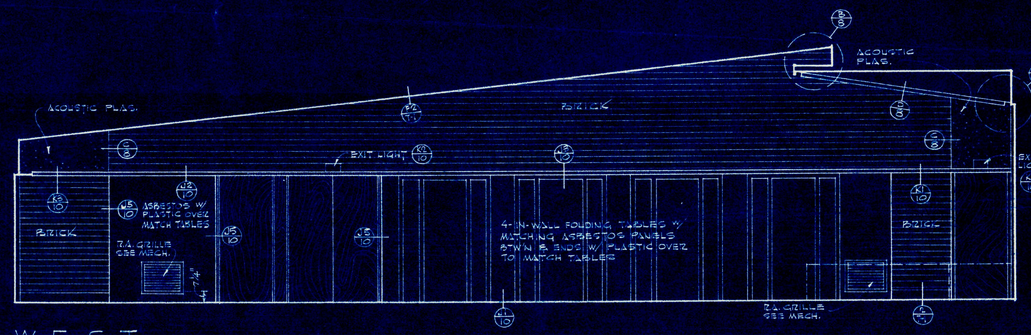
SCALE: 1/8" = 1'-0"

*NOTE: 1/2" THICK CEMENT PLAS. ON 1 1/2" OR 1 3/4" RECESSED BRICK - SEE 5/10 & 6/16

APPROVED: ARCHITECT / ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE — APPL. NO. — DATE — PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT	DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT — MADISON AT EDEN — WESTMINSTER, CALIFORNIA	HILLMAN & NOWELL STRUCTURAL ENGINEERS 816 W. 5th STREET MA 6-4750 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 LK — DRAWING NO. {} OF (84)



PLAN SECTION



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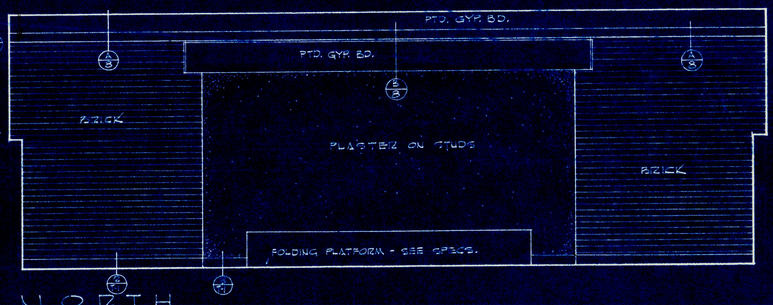

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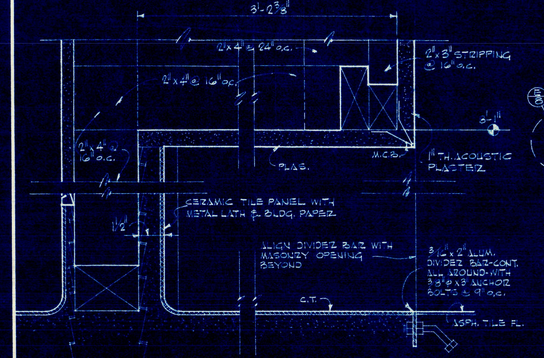
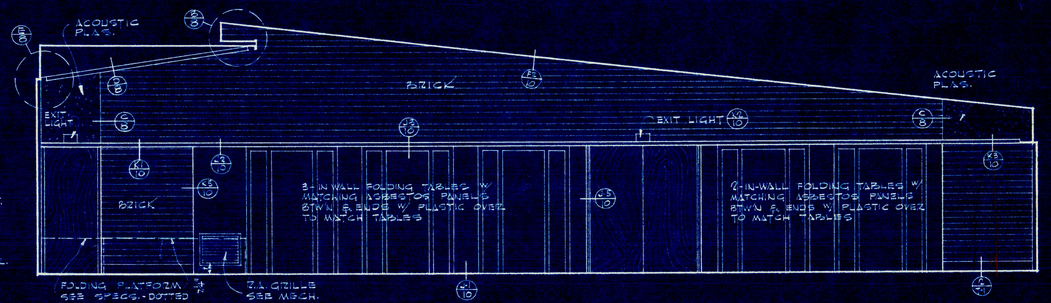


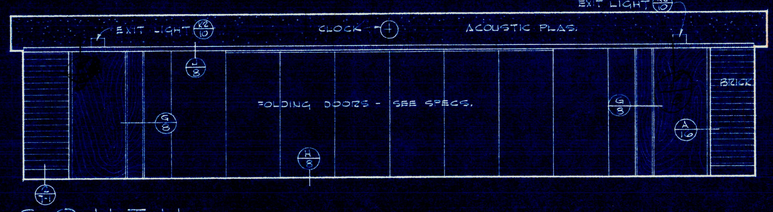
VERTICAL SECTION

TILE WAINSCOT AT FOYER A1

SCALE : 3"=1'-0"



EAST

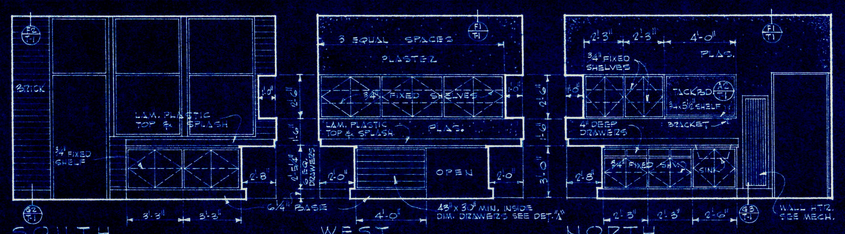


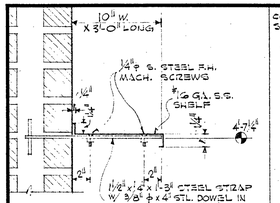
SOUTH

MULTI - PURPOSE ROOM

SCALE : ¼" = 1'-0"

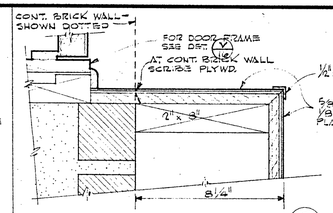
6


BRICK
L.V. PLASTIC TOP & SPLASH
¾" FIXED SHELF
3 EQUAL SPACES
PLASTER
¾" FIXED SHELVES
L.V. PLASTIC TOP & SPLASH
PLAS.
OPEN
¾" PLYWD. BACK
¾" FIXED SHELVES
PLAS.
TACKBD.
¾" SHELF
BRICK
4" DEEP DRAWERS
¾" FIXED SHELVES
OPEN
¾" PLYWD. BACK
¾" FIXED SHELF
¾" PLYWD. BACK
¾" FIXED SHELF
¾" PLYWD. BACK
¾" FIXED SHELF

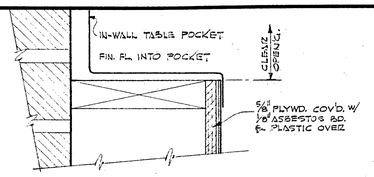


WALL SHELF M

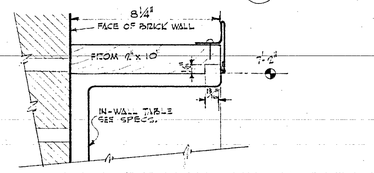
SCALE : 1 1/2" = 1'-0"



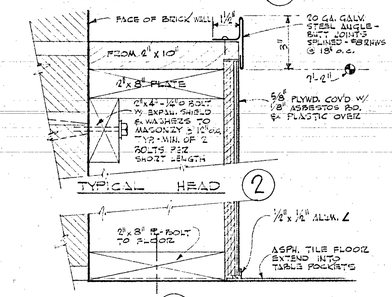
JAMB AT DOOR (5)



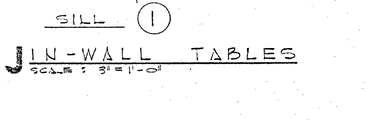
JAMB AT TABLE (4)



HEAD AT TABLE (3)



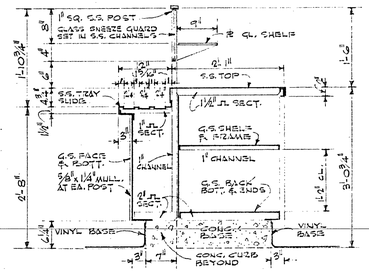
TYPICAL HEAD (2)



SILL (1)

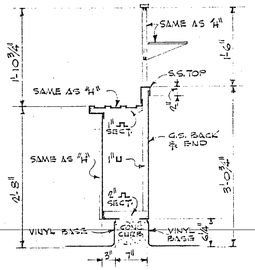
J IN-WALL TABLES

SCALE : 3" = 1'-0"



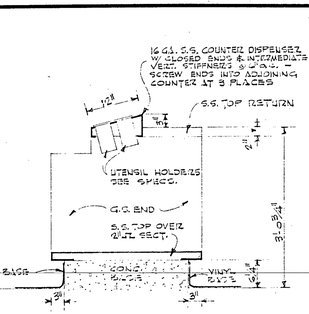
H SERVING COUNTER

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



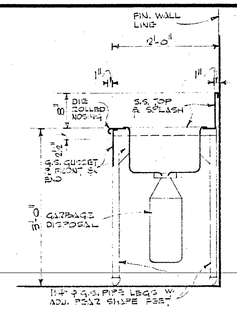
D COUNTER AT SERVING CART

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



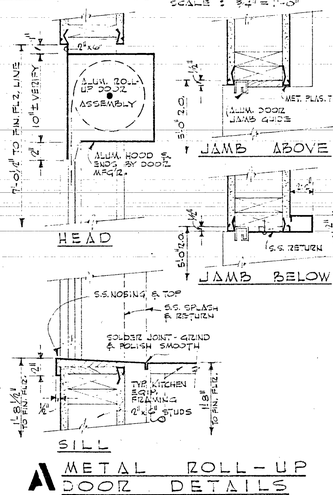
C COUNTER AT TRAY & UTENSIL STORAGE

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



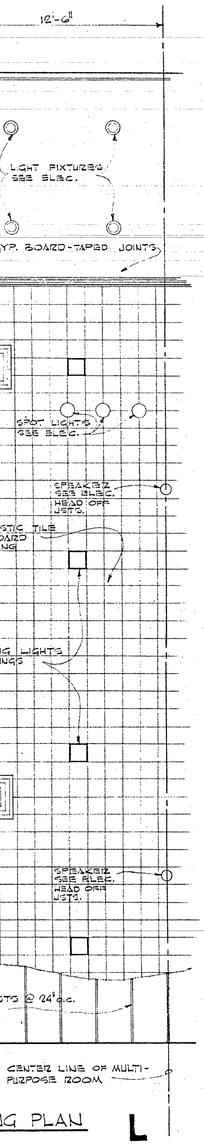
B WORK COUNTERZ AT SINK

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



A METAL ROLL-UP DOOR DETAILS

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

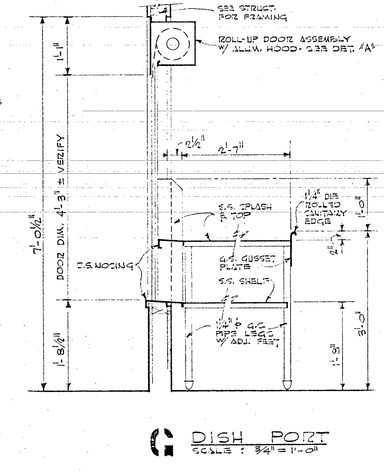


HALF REFLECTED CEILING PLAN

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

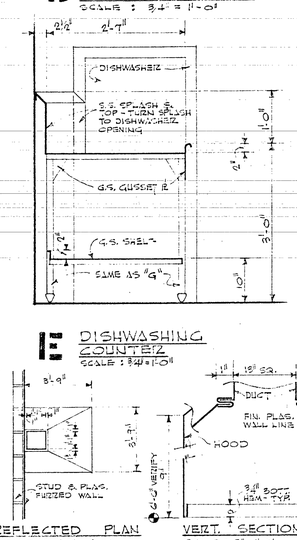
NOTE : EVERYTHING IS SYMMETRICAL ABOUT CENTER LINE

L



G DISH PORT

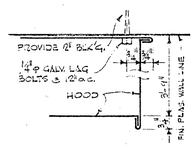
SCALE : 3/4" = 1'-0"

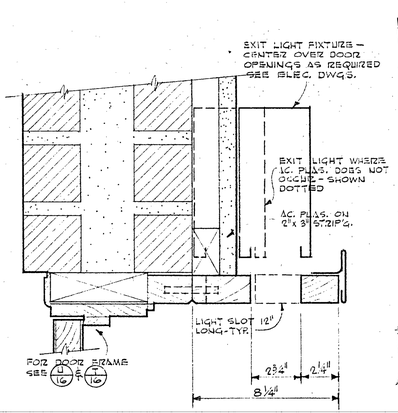


E DISHWASHING COUNTERZ

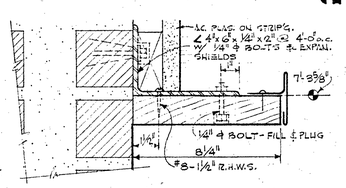
SCALE : 3/4" = 1'-0"

F DISHWASHERZ HOOD DETAILS

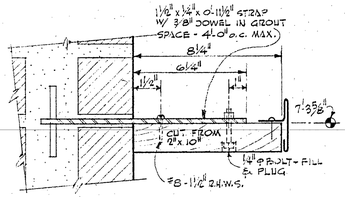




AT EXIT DOWN LIGHT (2)



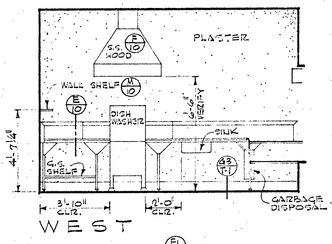
AT ACOUSTIC PLAS. (3)



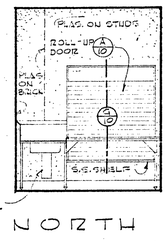
AT TYPICAL CONDITION (1)

K SHELF ANCHORAGE DETAILS

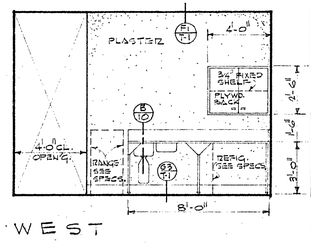
SCALE : 3" = 1'-0"



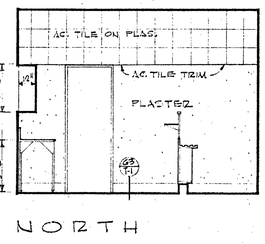
WEST



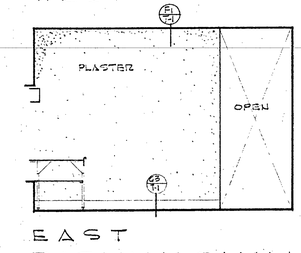
NORTH



WEST



NORTH



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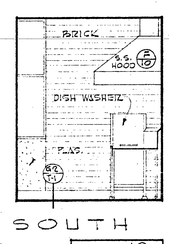
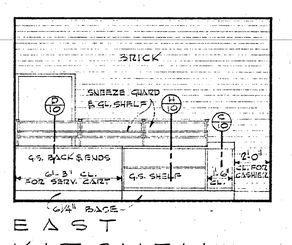


SOUTH

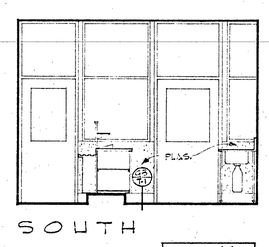
DISHWASHING

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

12



EAST



SOUTH

KITCHEN

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

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	DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT — MADISON AT EDEN — WESTMINSTER, CALIFORNIA	HILLMAN & NOWELL STRUCTURAL ENGINEERS 816 W. 5th STREET LOS ANGELES 17, CALIFORNIA	LEE B. KLINE, ARCHITECT, A.I.A. 963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241	DATE OF DRAWING	DRAWING NO. 10 (54)

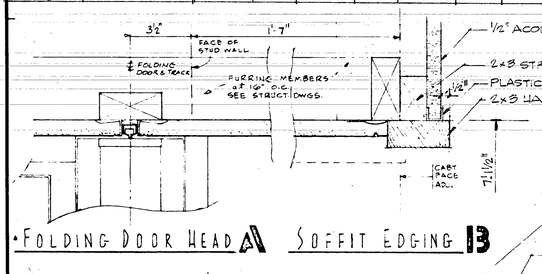
FINISH SCHEDULE

TYPICAL NOTE:
CEILING HEIGHTS ARE TO BOTTOM OF CEILING JOISTS OR RAFTERS.
5/8" TH. PLAS. ON BRICK UNLESS OTHERWISE NOTED
DEMOUNTABLE PARTITION PAINTED
INTERIOR ELEVS. SHEET NUM.

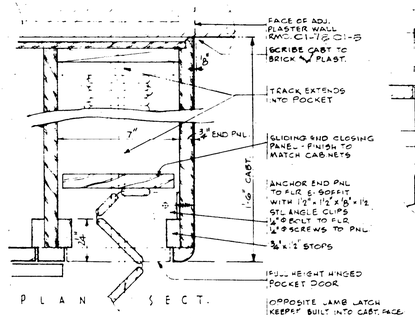
ABBREVIATIONS:

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	E.J.		EXPANSION JOINT
C.M.		CEMENT MARKING			

UNIT	No.	ROOM NAME	FLOOR MATERIAL	FLOOR BASE	WALLS MATERIAL	WALLS FIN	WAINSCOT MATERIAL	WAINSCOT FIN	CEILING MATERIAL	CEILING FIN	CEILING HEIGHT	REMARKS
C-2	1	CLASSROOM	A.T.	VINYL	HARDBD. PLAS. BRICK	PTD. NAT.	—	—	AC. T.	F. F.	10'-6"	
	2	CLASSROOM	A.T.	VINYL	HARDBD. PLAS. BRICK	PTD. NAT.	—	—	AC. T.	F. F.	10'-6"	
	3	CLASSROOM	A.T.	VINYL	HARDBD. PLAS. BRICK	PTD. NAT.	—	—	AC. T.	F. F.	10'-6"	
	4	CLASSROOM	A.T.	VINYL	HARDBD. PLAS. BRICK	PTD. NAT.	—	—	AC. T.	F. F.	10'-6"	
	5	GIRL'S TOILET	C.T.	C.T.	PLAS. *	PTD.	C.T.	—	PLAS.	PTD.	10'-6"	*5/8" PLAS. PTD. OVER BRICK
	6	HEATER ROOM	CEM.	VINYL	PLAS. BRICK	PTD. NAT.	—	—	PLAS.	PTD.	10'-6"	WHERE C.T. WAINSCOT OCCURS
C-1	1	BOYS TOILET	C.T.	C.T.	PLAS *	PTD.	C.T.	—	PLAS.	PTD.	10'-6"	*7/8" PLAS. ON BRICK
	2	STORAGE	CEM.	VINYL	PLAS-BRICK	PTD-NAT.	—	—	AC. T.	F. F.	10'-6"	WHERE TILE WNSCT. OCCURS
	3	CLASSROOM	A. T.	VINYL	HARD BD. PLAS-BRICK	PTD-NAT	—	—	AC. T.	F. F.	10'-6"	
	4	CLASSROOM	A. T.	VINYL	HARDBD. P.-AS-BRICK	PTD. PTD-NAT.	—	—	AC. T.	F. F.	10'-6"	
	5	CLASSROOM	A. T.	VINYL	HARDBD. PLAS-BRICK	PTD. PTD-NAT.	—	—	AC. T.	F. F.	10'-6"	ALCOVE PTD. PLAS.
	6	TOILET	C.T.	C.T.	PLASTER	PTD.	—	—	AC. T.	F. F.	7'-1½"	
	7	VISUALLY HANDICAPPED	A.T.	VINYL	PLAS-BRICK (1)	PTD-NAT.	—	—	AC.T.	F.F.	10'-6"	(1) AC.T. END WALLS-SEE INTERIORS
	8	WATERHEATER RM.	CEM	VINYL	PLAS-BRICK	PTD.-NAT.	—	—	PLAS.	PTD.	10'-6"	
	9	HALL	A.T.	VINYL	PLAS.	PTD.	—	—	ACT. T.	F.F.	7'-1½"	



FOLDING DOOR HEAD A SOFFIT EDGING B

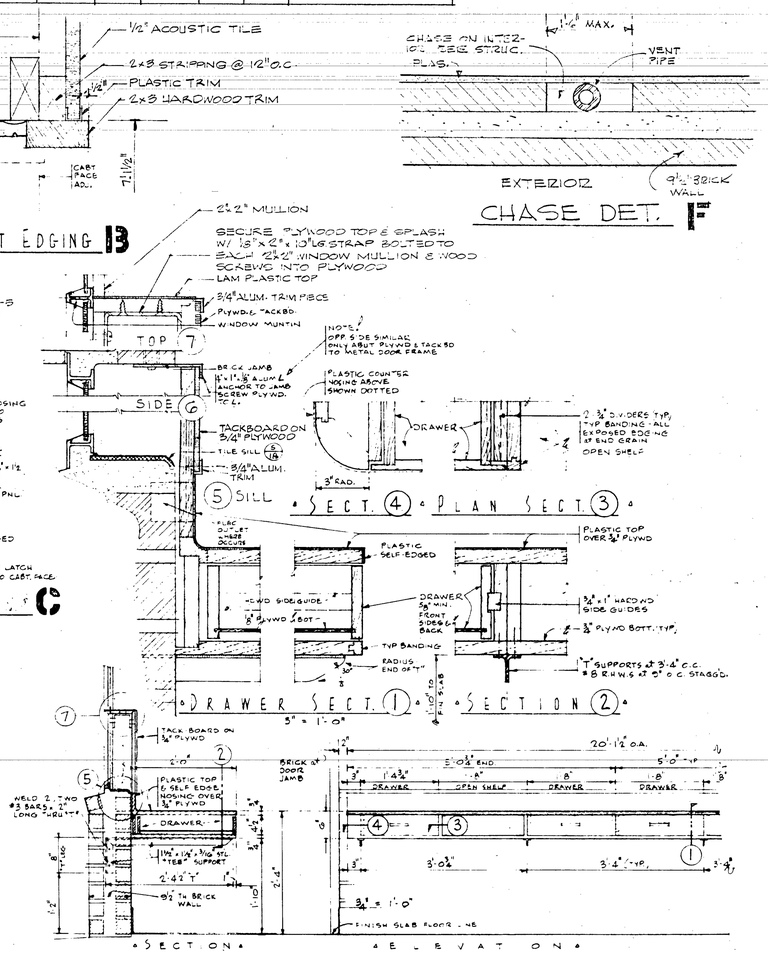


FOLDING DOOR POCKET DR. # C-F-16 C

SCALE : 3" = 1'-0"

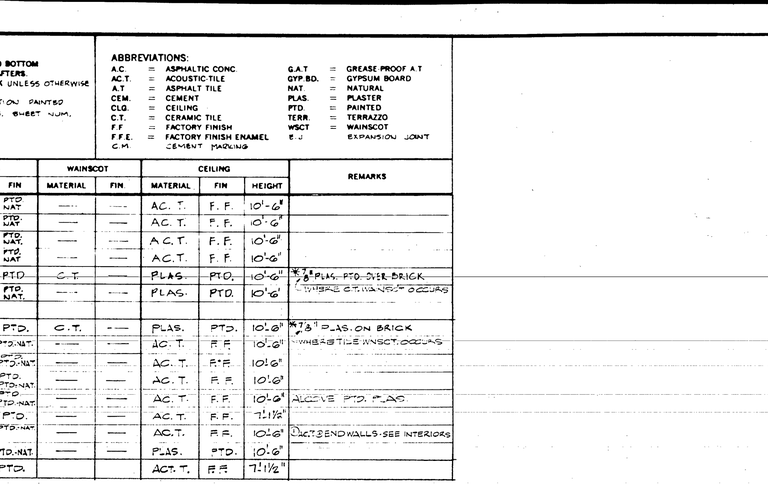
R.A. DUCT FURRING RM. #C1-7 D

SCALE : 1½" = 1'-0" RM #C1-5 SIM. REV.

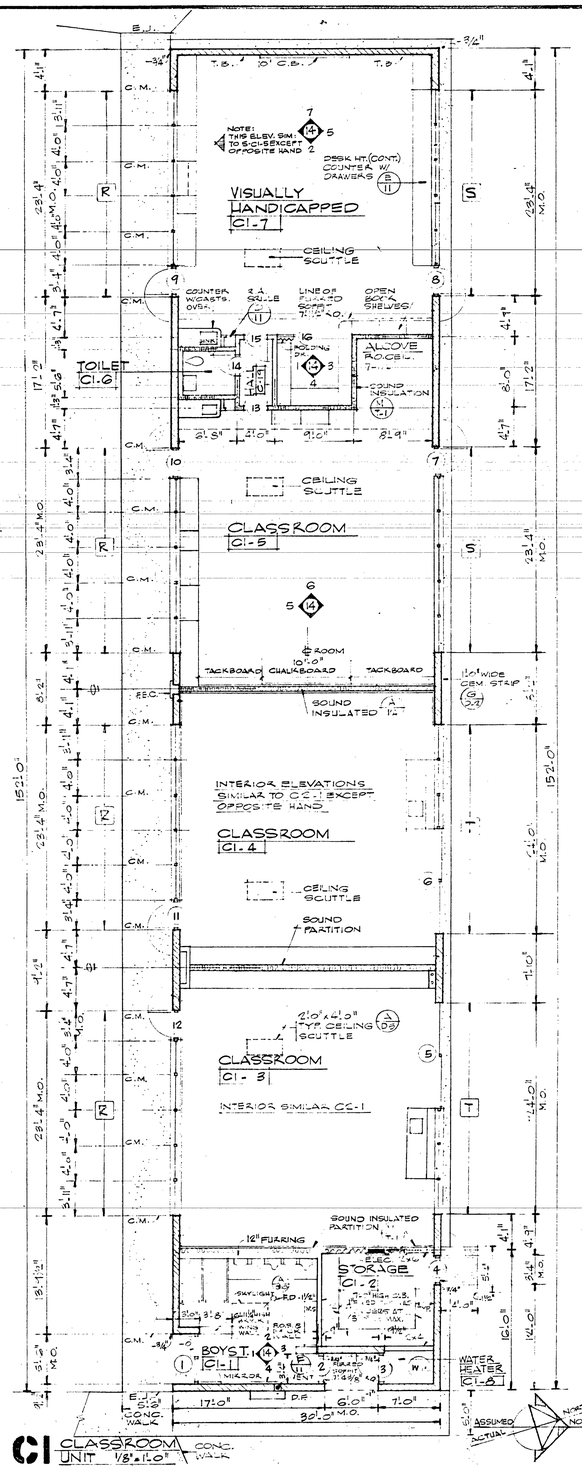


WALL MOUNTED COUNTER & DRWR'S. E

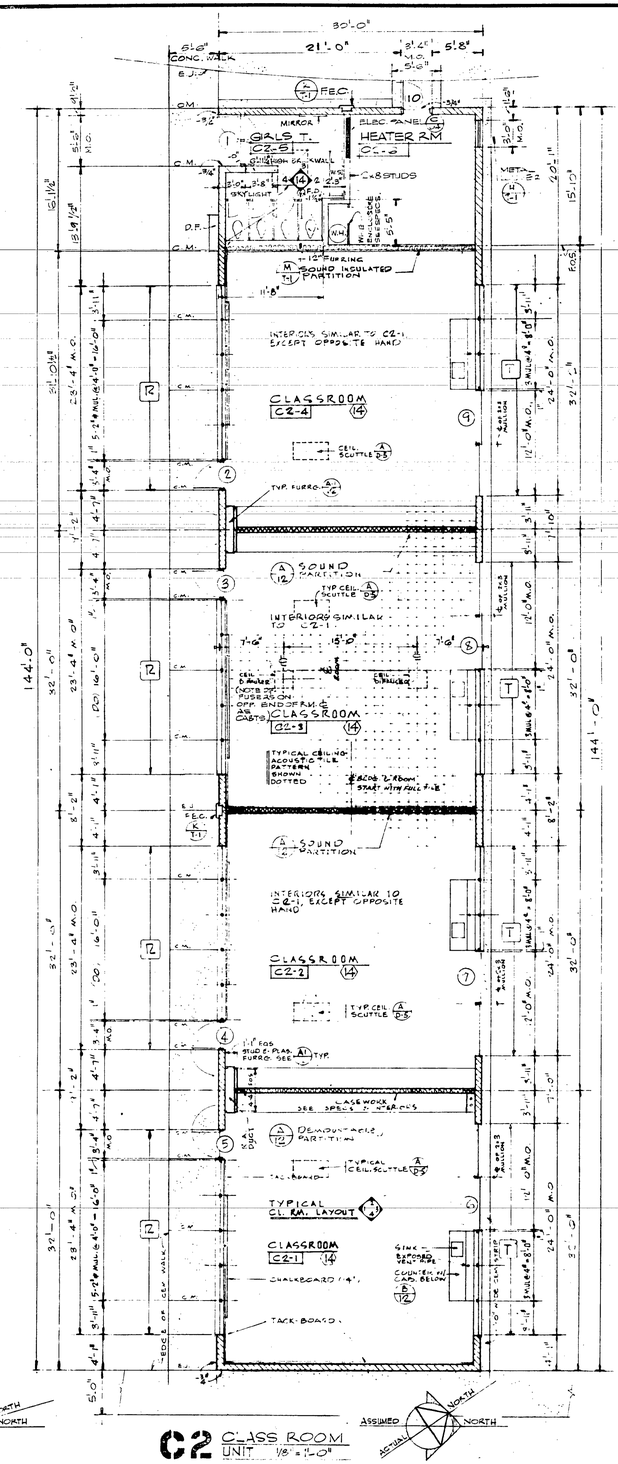
SCALE : AS NOTED



CHASE DET. F



C1 CLASSROOM UNIT 1/8" = 1'-0"



C2 CLASS ROOM UNIT 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	DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT — MADISON AT EDEN — WESTMINSTER, CALIFORNIA	HILLMAN & NOWELL STRUCTURAL ENGINEERS 816 W. 5th STREET MA 4-6748 LOS ANGELES 17, CALIFORNIA	FRANK PERL PROJECT COORDINATOR	LEE B. KLINE, ARCHITECT, A.I.A. 963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241	DATE OF DRAWING — DRAWN BY R.J. — DRAWING NO. 11 OF 54

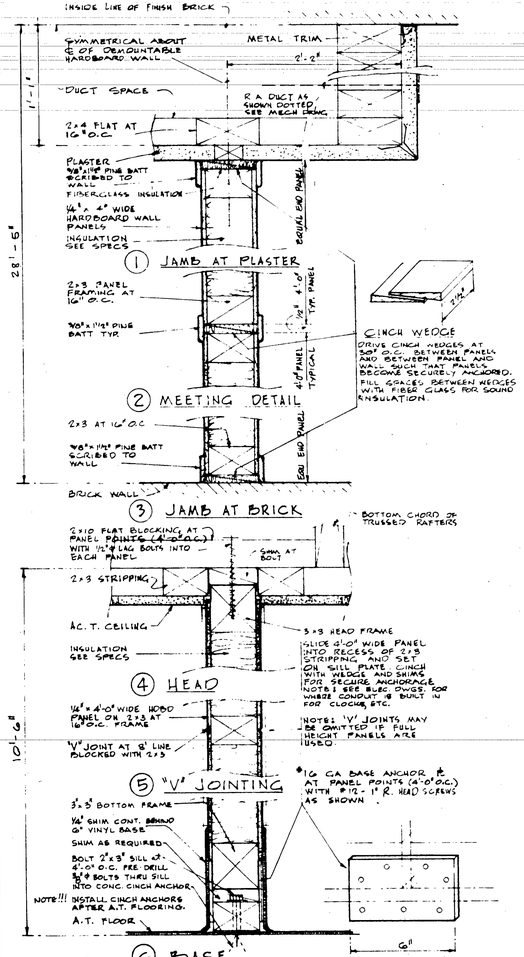
FINISH SCHEDULE

TYPICAL NOTE:
- CEILING HEIGHTS ARE TO BOTTOM OF CEILING JOISTS OR RAFTERS.
- *½" TH. PLAS. ON BRICK.
- DEMOUNTABLE PARTITION PAINTED
- ◯ INT. ELEVS. SHT. NO.

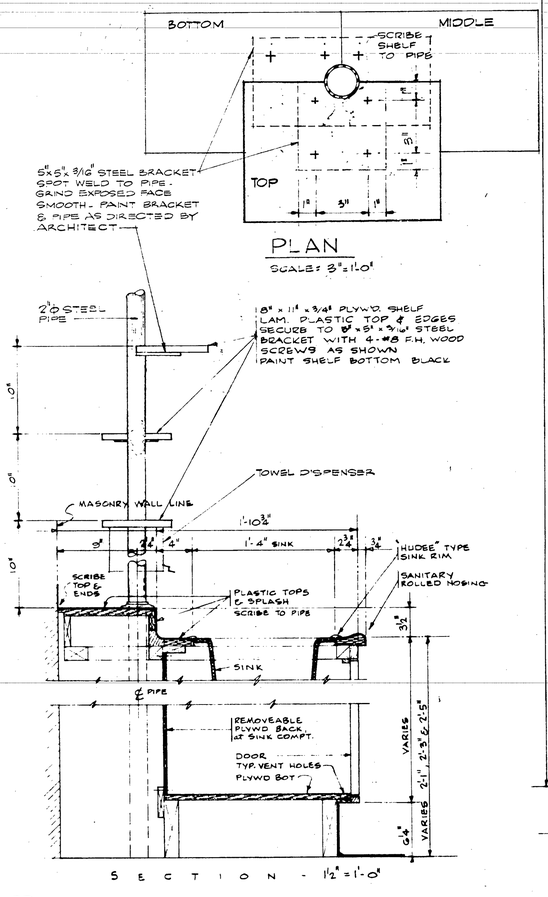
ABBREVIATIONS:

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	C.M.	=	CEMENT MARKING
C.J.	=	COLD JOINT	E.J.	=	EXPANSION JOINT

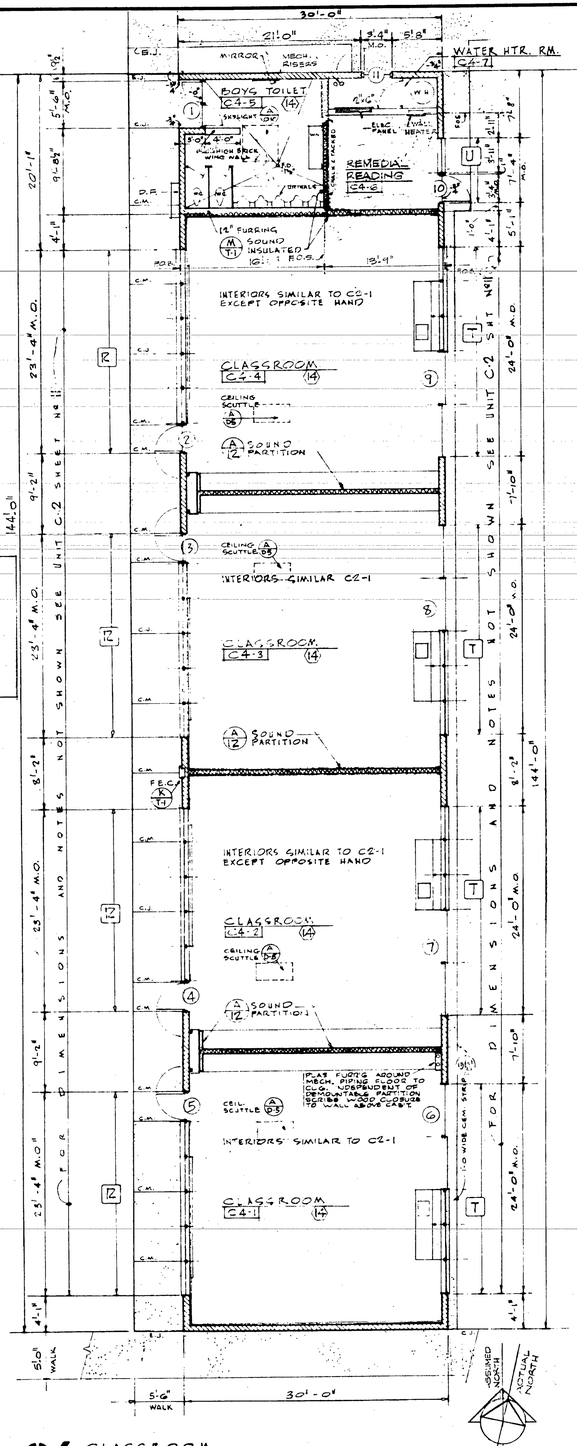
UNIT	No.	ROOM NAME	FLOOR MATERIAL	FLOOR BASE	WALLS MATERIAL	WALLS FIN	WAINSCOT MATERIAL	WAINSCOT FIN.	CEILING MATERIAL	CEILING FIN.	CEILING °HEIGHT	REMARKS
C3	1	GIRLS TOILET	C.T.	C.T.	*PLAS.	PTD.	C.T.	—	PLAS.	PTD.	10'-6"	*7/8" PTD. PLAS OVER BRICK. WHEREVER WAINSCOT OCCURS
	2	CUSTODIAN	CEM.	VINYL	PLAS. BRICK	PTD. NAT.	—	—	PLAS.	PTD.	10'-6"	
	3	CLASSROOM	A.T.	VINYL	HDBD. PLAS. BRICK	PTD. NAT.	—	—	AC. T.	F. F.	10'-6"	
	4	CLASSROOM	A.T.	VINYL	HDBD. PLAS. BRICK	PTD. NAT.	—	—	AC. T	F. F.	10'-6"	
	5	CLASSROOM	A.T.	VINYL	HDBD. PLAS. BRICK	PTD. NAT.	—	—	AC. T.	F. F.	10'-6"	
	6	CLASSROOM	A.T.	VINYL	HDBD. PLAS. BRICK	PTD. NAT.	—	—	AC. T.	F. F.	10'-6"	
C4	1	CLASSROOM	A.T.	VINYL	HDBD. PLAS. BRICK	PTD. NAT.	—	—	AC. T.	F. F.	10'-6"	
	2	CLASSROOM	A.T.	VINYL	HDBD. PLAS. BRICK	PTD. NAT.	—	—	AC. T.	F. F.	10'-6"	
	3	CLASSROOM	A.T.	VINYL	HDBD. PLAS. BRICK	PTD. NAT.	—	—	AC. T.	F. F.	10'-6"	
	4	CLASSROOM	A.T	VINYL	HDBD. PLAS. BRICK	PTD. NAT.	—	—	AC. T.	F. F.	10'-6"	
	5	BOYS TOILET	C.T.	C.T.	*PLAS.	PTD.	C.T.	—	PLAS.	PTD.	10'-6"	*⅛" OF PLAS. PTD. OVER BRICK. WHEREVER C.T. WAINSCOT OCCURS
	6	REMEDIAL READING	A.T.	VINYL	*PLAS. BRICK	PTD.	—	—	AC. T.	F. F.	10'-6"	*⅛" OF PLAS. PTD. OVER BRICK.
	7	WATER HTR. RM.	CEM.	VINYL	PLAS. BRICK	—	—	—	PLAS.	—	10'-6"	



A SOUND PARTITION SCALE 3"=1'-0"



B TYPICAL CLASSR'M. SINK



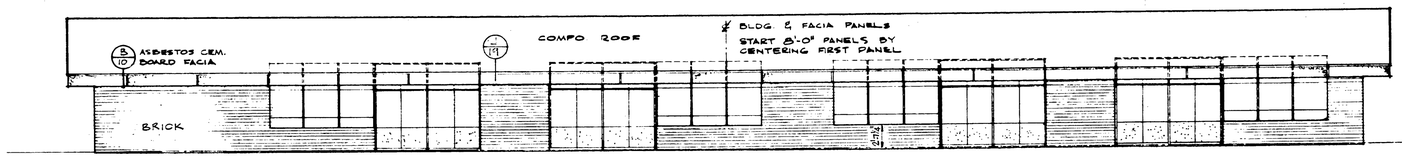
C4 CLASSROOM UNIT 1/4" = 1'-0"

C3 CLASS ROOM UNIT 1/4" = 1'-0"

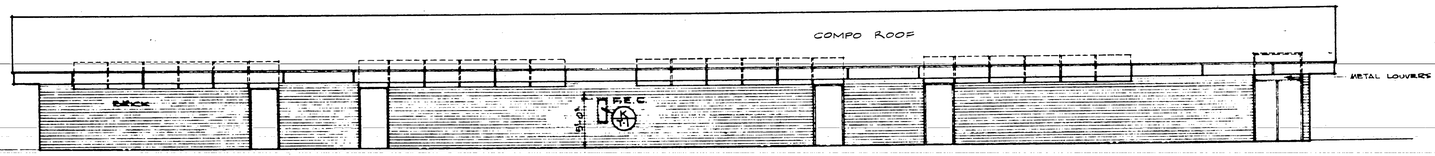
APPROVED: ARCHITECT / ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE — APPL. NO. — DATE — PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT — DATE	DR. JESSE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT — MADISON AT 16TH — WESTMINSTER, CALIFORNIA	HILLMAN & NOWELL STRUCTURAL ENGINEERS 816 W. 5th STREET MA 4-6746 LOS ANGELES 17, CALIFORNIA	FRANK PERL PROJECT COORDINATORS

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

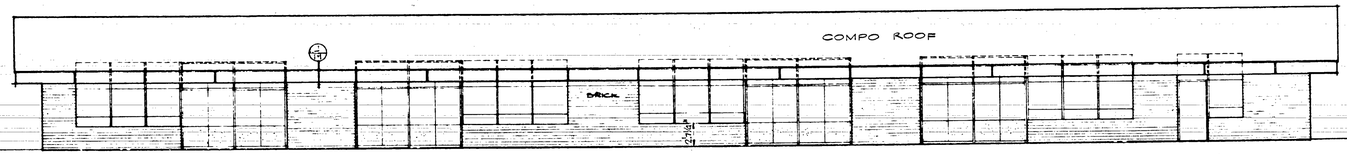
DATE OF DRAWING — DRAWN BY — DRAWING NO. 12 OF 26



C3 EAST



C3 WEST



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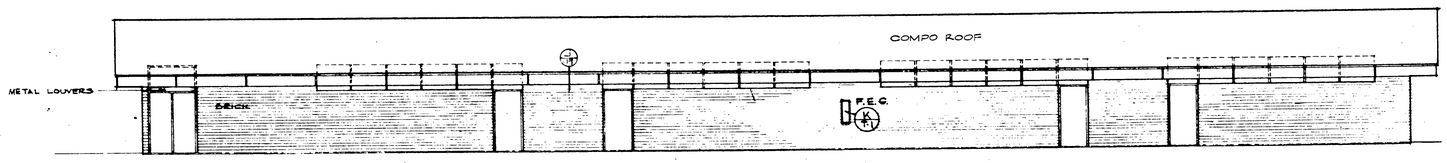
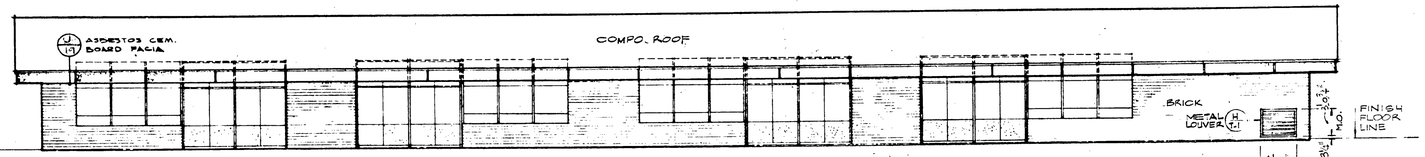


C2 SOUTH C4 WEST



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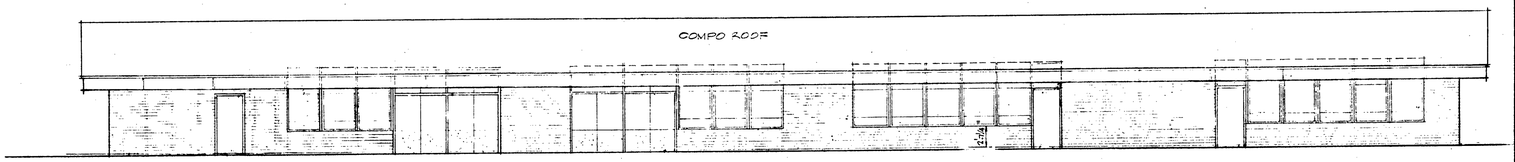
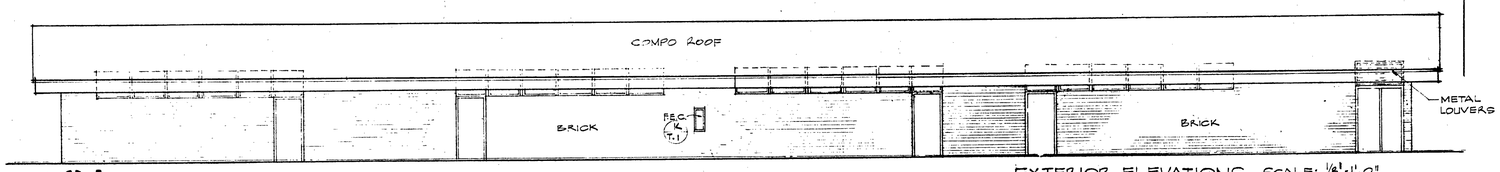
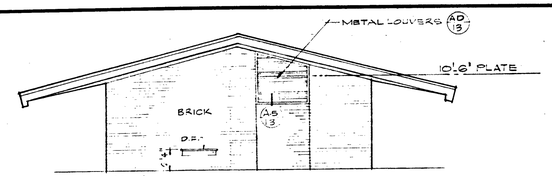


C1 NORTH

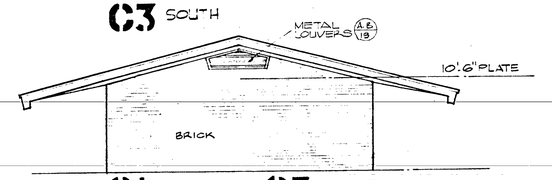


C1 SOUTH

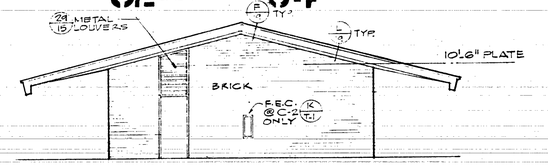
EXTERIOR ELEVATIONS SCALE: 1/8"=1'-0"



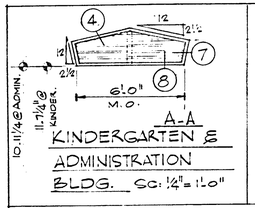
C1 EAST
C3 SOUTH



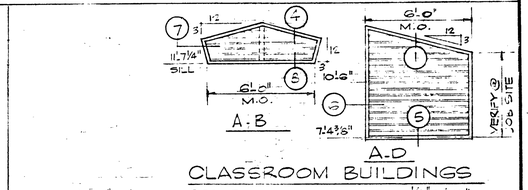
C1 WEST C3 NORTH
C2 EAST C4 SOUTH



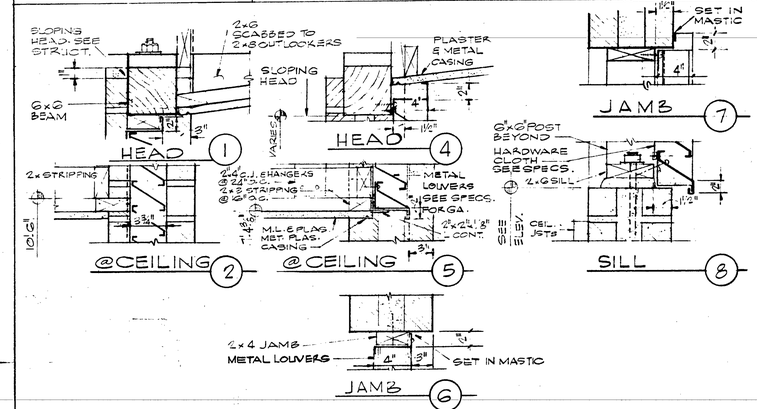
C2 WEST
C4 NORTH



KINDERGARTEN & ADMINISTRATION BLDG. SC: 1/4"=1'-0"



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

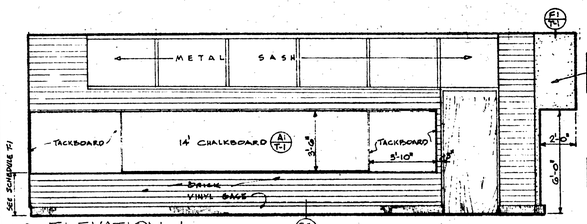


METAL LOUVER DETAILS A
SCALE: 1 1/2"=1'-0"

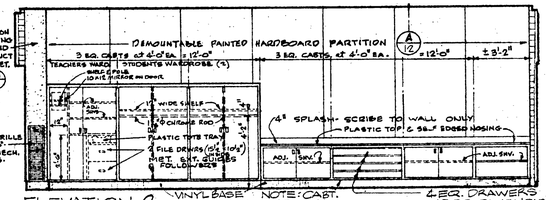
NOTE: ALL LOUVERS WILL BE 24 GA.
VERIFY SIZES & OPN'GS. AT JOB SITE

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.	DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT MADISON AT EDEN WESTMINSTER, CALIFORNIA	HILLMAN & NOWELL STRUCTURAL ENGINEERS 816 W. 5th STREET MA 4-8748 LOS ANGELES 17, CALIFORNIA	FRANK PERL PROJECT COORDINATORS	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 52



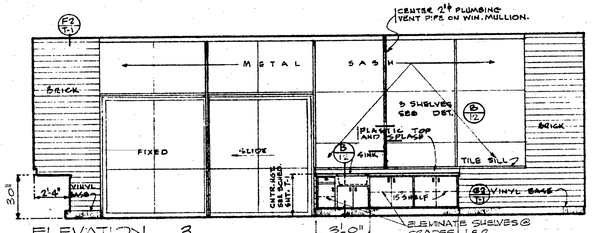
ELEVATION 1



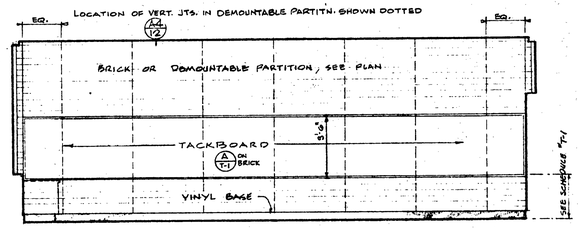
ELEVATION 2

NOTE: CAST & SPLASH SEPARATE FROM WALL ANCHOR TO FLOOR ONLY

4 DRAWERS INSIDE DIMENSION MIN. 48" x 25"

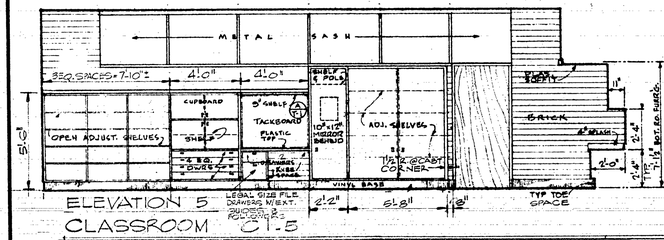


ELEVATION 3

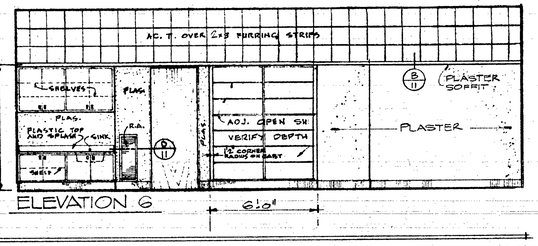


ELEVATION 4

TYPICAL INTERIOR CLASSROOM ELEVATIONS

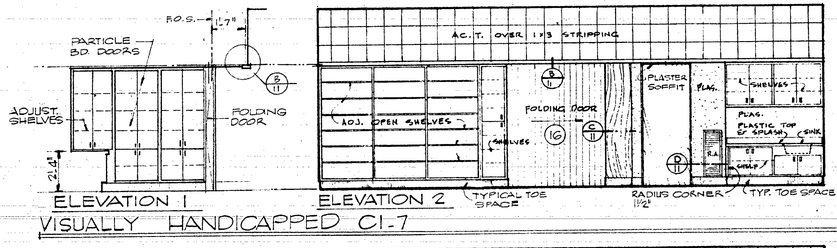


ELEVATION 5



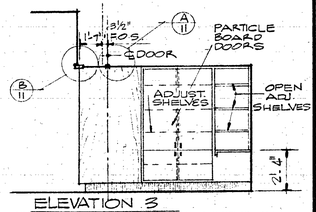
ELEVATION 6

CLASSROOM C1-5



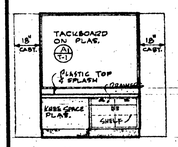
ELEVATION 1

ELEVATION 2

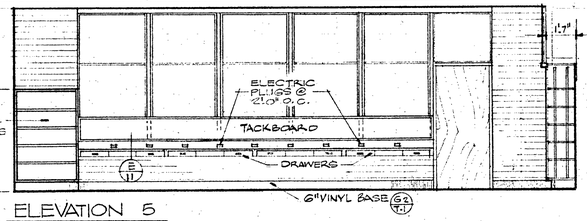


ELEVATION 3

VISUALLY HANDICAPPED C1-7

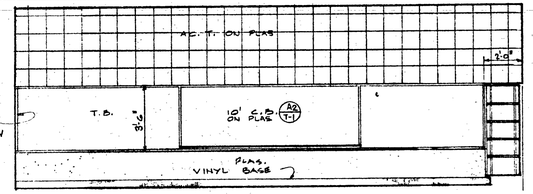


ELEVATION 4



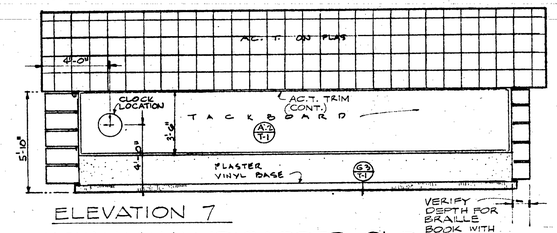
ELEVATION 5

VISUALLY HANDICAPPED C1-7



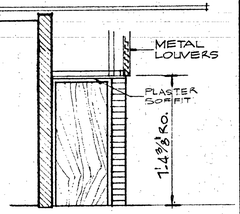
ELEVATION 6

CLASSROOM C1-5



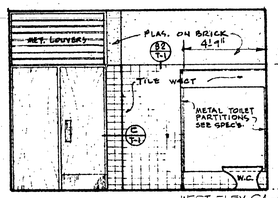
ELEVATION 7

VISUALLY HANDICAPPED C1-7



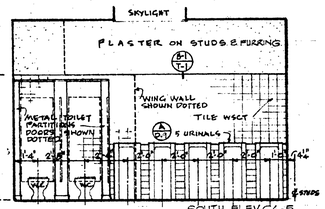
SECTION

FURRED SOFFIT @ CLASSROOMS



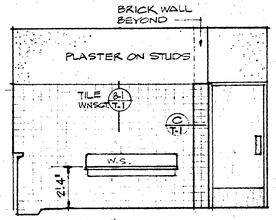
ELEVATION 1

WEST ELEV C4-5 SIM. EXCEPT OPP HAND

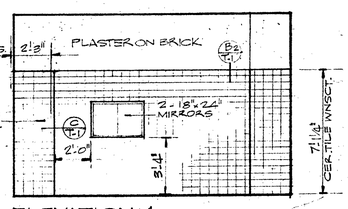


ELEVATION 2

SOUTH ELEV C4-5 SIM. EXCEPT OPP HAND.

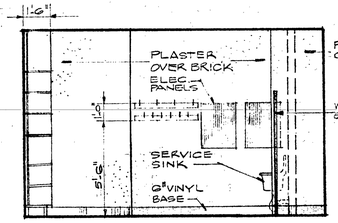


ELEVATION 3



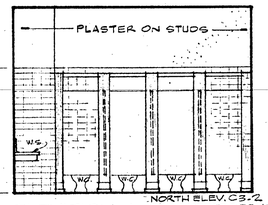
ELEVATION 4

BOYS TOILET C1-1



ELEVATION 4

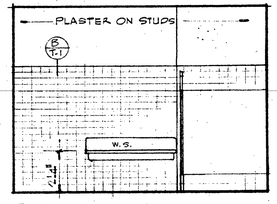
CUSTODIAN EQUIP. STORAGE C3-1



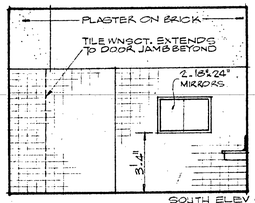
ELEVATION 1

NORTH ELEV C3-2 SIM. EXCEPT OPP HAND

GIRLS TOILET C2-5

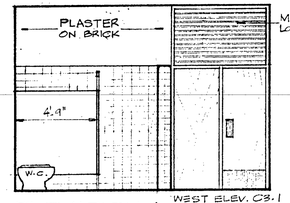


ELEVATION 2



ELEVATION 3

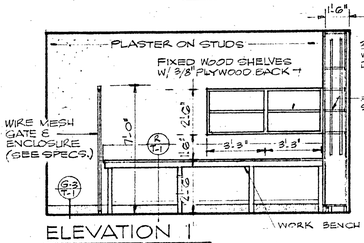
SOUTH ELEV. C3-1 SIM. EXCEPT OPPOSITE HAND



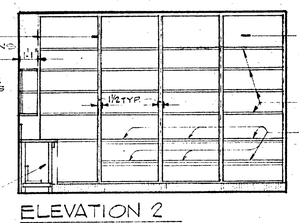
ELEVATION 4

WEST ELEV. C3-1 SIM. EXCEPT OPPOSITE HAND.

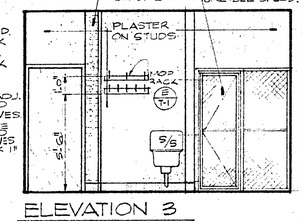
CUSTODIAN EQUIPMENT STORAGE C3-2



ELEVATION 1

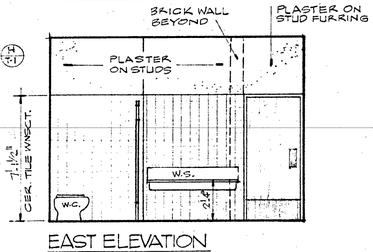


ELEVATION 2



ELEVATION 3

BOYS TOILET C1-1



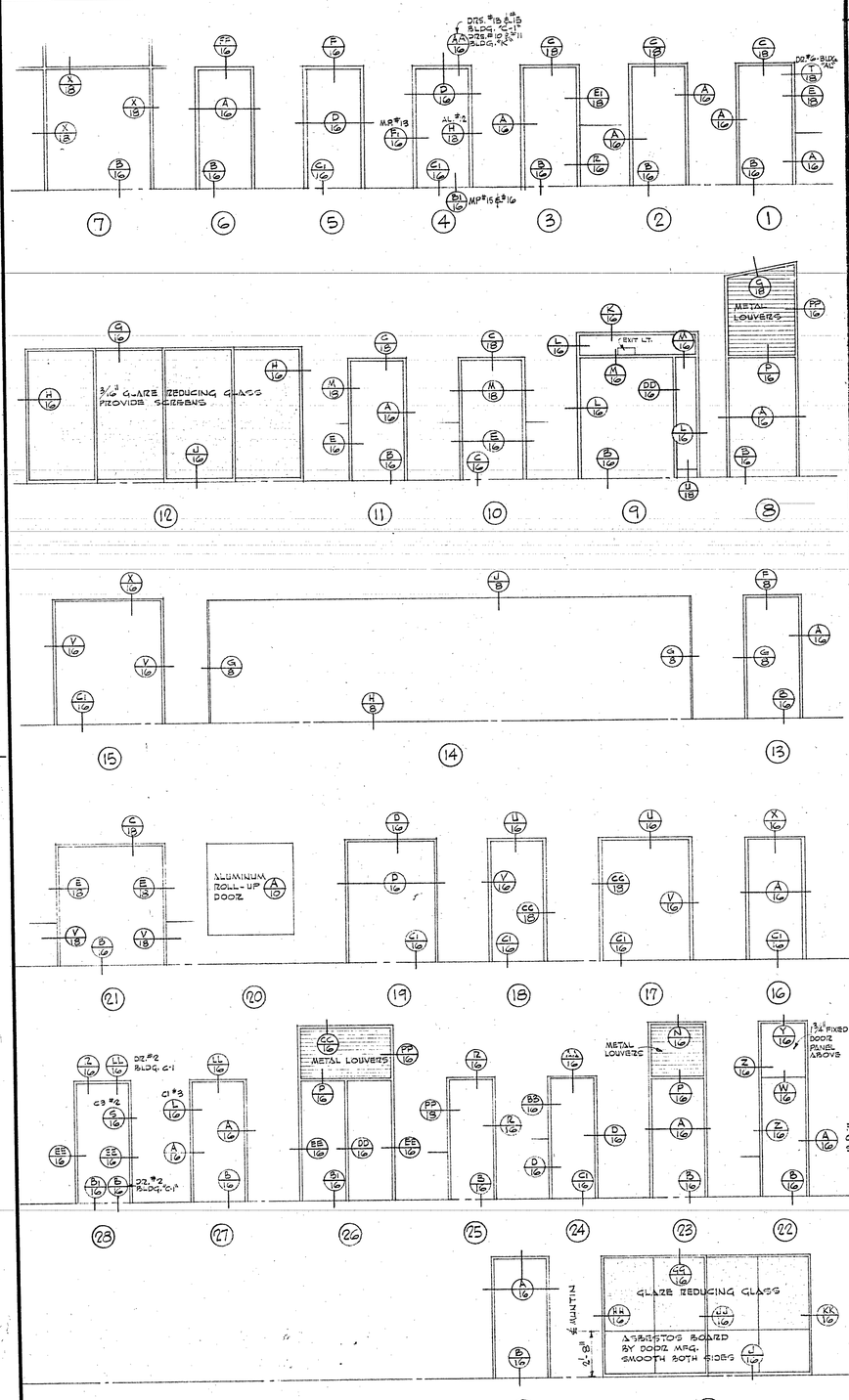
EAST ELEVATION

GIRLS TOILET C3-1

INTERIOR ELEVATIONS

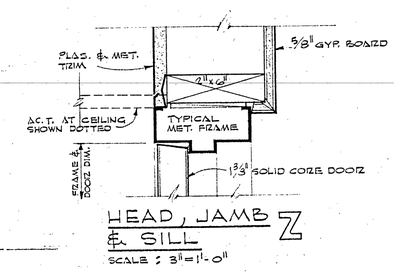
SCALE: 1/4" = 1'-0"

APPROVED: ARCHITECT / ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE — APPL. NO. — DATE — PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT	DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT — MADISON AT EDEN — 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. 14 OF 14



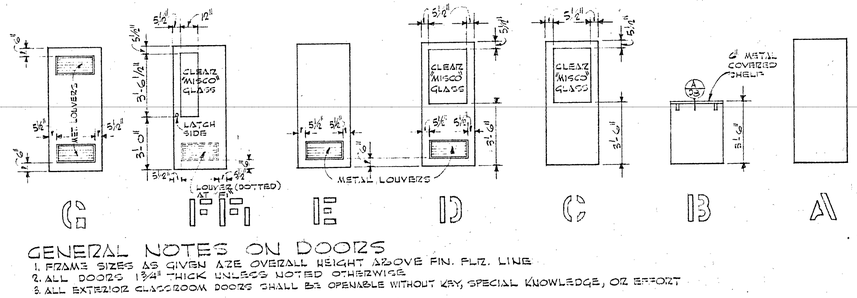
UNIT	DOOR NUMBER	DOOR TYPE	DOOR SIZE	FRAME TYPE	FRAME SIZE	LOUVER SIZE	REMARKS
C1	1	A	PAIR 2'-6" x 6'-11"	26	5'-2" x 9'-8 7/8"	60 1/2" x 30 3/4" OVER DOOR	
	2	A	3'-0" x 6'-11 3/4"	28	3'-0" x 6'-11"		
	3	G	3'-0" x 6'-11 3/4"	27	3'-0" x 6'-11"	2 - 25" x 6"	
	4	G	3'-0" x 6'-11 3/4"	31	3'-0" x 6'-11"	2 - 25" x 12"	
	5		SEE FRAME SIZE	30	11'-11 1/2" x 7'-0 3/8"		ARCADIA - - - - - SEE SPECS.
	6		SEE FRAME SIZE	30	11'-11 1/2" x 7'-0 3/8"		ARCADIA - - - - - SEE SPECS.
	7	A	3'-0" x 7'-0"	1	3'-0" x 6'-11 3/4"		
	8	A		1			
	9	A		2			
	10	A		2			
	11	A		2			
	12	A	3'-0" x 7'-0"	2	3'-0" x 6'-11 3/4"		
	13	C	2'-8" x 7'-0"	4			UNDER-CUT DOOR 1"
	14	A	2'-8" x 7'-0"	4			UNDER-CUT DOOR 1"
	15	C	2'-8" x 7'-0"	4			UNDER-CUT DOOR 1"
	16		WOOD FOLDING DOOR - SEE SPECS. & DET. (5/11)				
C2	1	A	PAIR 2'-6" x 6'-11"	26	5'-2" x 9'-8 7/8"	60 1/4" x 30 3/4" OVER DOOR	
	2	A	3'-0" x 7'-0"	2	3'-0" x 6'-11 3/4"		
	3	A		2			
	4	A		2			
	5	A	3'-0" x 7'-0"	2	3'-0" x 6'-11 3/4"		
	6		SEE FRAME SIZE	30	11'-11 1/2" x 7'-0 3/8"		ARCADIA - - - - - SEE SPECS.
	7			30			
	8			30			
	9		SEE FRAME SIZE	30	11'-11 1/2" x 7'-0 3/8"		ARCADIA - - - - - SEE SPECS.
	10	A	3'-0" x 6'-11 1/4"	29	3'-0" x 6'-11"		CLASS "B" LABLE ASSEMBLY
C3	1	A	PAIR 2'-6" x 6'-11"	26	5'-2" x 9'-8 7/8"	60 1/2" x 30 3/4" OVER DOOR	
	2	A	3'-0" x 6'-11"	28	3'-0" x 6'-11"		
	3	B-G	3'-0" x 6'-11 3/4"	27	3'-0" x 6'-11"	2 - 25" x 12"	DUTCH DOOR - SEE (6/8) 3'-0" x 3'-6"
	4		SEE FRAME SIZE	30	11'-11 1/2" x 7'-0 3/8"		ARCADIA - - - - - SEE SPECS.
	5			30			
	6			30			
	7		SEE FRAME SIZE	30	11'-11 1/2" x 7'-0 3/8"		ARCADIA - - - - - SEE SPECS.
	8	A	3'-0" x 7'-0"	2	3'-0" x 6'-11 3/4"		
	9	A		2			
	10	A		2			
	11	A	3'-0" x 7'-0"	2	3'-0" x 6'-11 3/4"		
C4	1	A	PAIR 2'-6" x 6'-11"	26	5'-2" x 9'-8 7/8"	60 1/2" x 30 3/4" OVER DOOR	
	2	A	3'-0" x 7'-0"	2	3'-0" x 6'-11 3/4"		
	3	A		2			
	4	A		2			
	5	A	3'-0" x 7'-0"	2	3'-0" x 6'-11 3/4"		
	6		SEE FRAME SIZE	30	11'-11 1/2" x 7'-0 3/8"		ARCADIA - - - - - SEE SPECS.
	7			30			
	8			30			
	9		SEE FRAME SIZE	30	11'-11 1/2" x 7'-0 3/8"		ARCADIA - - - - - SEE SPECS.
	10	A	3'-0" x 7'-0"	1	3'-0" x 6'-11 3/4"		
	11	E	3'-0" x 6'-11 1/4"	29	3'-0" x 6'-11"	65" x 6"	

UNIT	DOOR NUMBER	DOOR TYPE	DOOR SIZE	FRAME TYPE	FRAME SIZE	LOUVER SIZE	REMARKS
A1	1	A	3'-0" x 7'-0"	1	3'-0" x 6'-11 3/4"		
	2	A	3'-4" x 7'-0"	1	3'-4" x 6'-11 3/4"		
	3	A	3'-0" x 7'-0"	2	3'-0" x 6'-11 3/4"		
	4	A	3'-0" x 7'-0"	3	3'-0" x 6'-11 3/4"		
	5	A	3'-0" x 7'-0"	1	3'-0" x 6'-11 3/4"		
	6	A	3'-0" x 7'-0"	1	3'-0" x 6'-11 3/4"	21" x 14"	
	7	F1	2'-8" x 7'-0"	5			1" NET HEAD PIECE
	8	A	2'-4" x 7'-0"	4			UNDER CUT DOOR 1" - WEATHER STRIP DOOR (EXCEPT THRESHOLD)
	9	E	2'-6" x 7'-0"	4		19" x 12"	
	10	E	2'-8" x 7'-0"	4		21" x 12"	
	11	F1	2'-6" x 7'-0"	4		19" x 12"	
	12	E	2'-10" x 7'-0"	4		23" x 18"	
	13	F	2'-6" x 7'-0"	4			
	14	A	2'-8" x 7'-0"	4			
			FOR ACCESS DOOR (1'-6" x 3'-0") SEE DET. (5/18)				1 3/8" SOLID CORE DOOR
			& INT. ELEVS. SHT. #5				1/2" LABEL - METAL FRAME
	15	A	3'-0" x 4'-7"		SEE (A/20) IN SPECS.		SEE (A/20) IN SPECS.
M1	1	A	PAIR 3'-0" x 7'-0"	7			PANIC HARDWARE
	2	A	3'-0" x 7'-0 1/2"	6	3'-0" x 7'-0 1/4"		PANIC HARDWARE
	3	A	3'-0" x 7'-0 1/2"	6	3'-0" x 7'-0 1/4"		PANIC HARDWARE
	4	A	3'-0" x 7'-0"	8	VARIES AT HEAD - VERIFY		
	5	A	PAIR 2'-8" x 7'-0"	9	5'-4" x 8'-1 3/8"		PANIC HARDWARE
	6	C	3'-0" x 7'-0"	10	3'-0" x 6'-11 3/4"		
	7*	C	3'-0" x 7'-0"	11	3'-0" x 6'-11 3/4"		* SCREEN DOOR (SWING IN)
	8	A	3'-0" x 7'-0"	13	3'-0" x 6'-11 3/4"		PANIC HARDWARE
	9	A		14	47'-10 3/4" x 7'-0"		
	10	A	3'-0" x 7'-0"	13	3'-0" x 6'-11 3/4"		PANIC HARDWARE
	11	A	3'-0" x 7'-0"	11	3'-0" x 6'-11 3/4"		
	12		SEE FRAME SIZE	12	15'-11 1/2" x 7'-7 3/4"		ARCADIA - SCREEN - SEE SPECS.
	13	A	3'-0" x 7'-0"	4			
	14	A	3'-0" x 7'-1 1/2"	16			
	15	E	2'-6" x 7'-0"	4		19" x 12"	
	16	E	2'-6" x 7'-0"	4		19" x 12"	
	17	A	PAIR 3'-0" x 7'-1 1/2"	15			NO LOCK - PUSH & PULL
	18	A	3'-0" x 7'-1 1/2"	18			
	19	A	PAIR 2'-6" x 7'-1 1/2"	17			NO LOCK - PUSH & PULL
	20	E	PAIR 2'-6" x 7'-0"	19		19" x 12" EA.	
	21	E	2'-6" x 7'-0"	4		19" x 12"	
	22		5'-0" x 4'-3 1/2"	20			SEE DET. (5/13)
	23	A	2'-6" x 7'-0"	4			
	24	A	4'-2" x 4'-10"				SEE (A/20) IN SPECS.
	25	A	3'-11" x 4'-10"				SEE (A/20) IN SPECS.
K	1	A	PAIR 3'-0" x 7'-0"	21	6'-0" x 6'-11 3/4"		
	2	A	2'-6" x 7'-0"	22	2'-6" x 9'-8 7/8"		
	3	A	2'-6" x 7'-0"	22	2'-6" x 9'-8 7/8"		
	4	A	PAIR 3'-0" x 7'-0"	21	6'-0" x 6'-11 3/4"		
	5	A	3'-0" x 7'-0"	1	3'-0" x 6'-11 3/4"		
	6	C	3'-0" x 7'-0"	23	3'-0" x 9'-10 1/2"	2-25" x 6" WITH FUSIBLE LINK	CLASS "B" LABLE ASSEMBLY
	7	A	3'-0" x 7'-0"	1	3'-0" x 6'-11 3/4"		
	8	D	2'-6" x 7'-0"	24		19" x 12"	
	9	D	2'-6" x 7'-0"	24			
	10	A	2'-6" x 6'-10 1/2"	4			
	11	A	2'-6" x 6'-10 1/2"	4			
	12	E	2'-6" x 7'-0"	25	2'-6" x 9'-8 7/8"	19" x 10"	
	13	E	2'-6" x 7'-0"	25	2'-6" x 9'-8 7/8"	19" x 10"	



HEAD, JAMB & SILL Z

SCALE : 3" = 1'-0"



GENERAL NOTES ON DOORS

1. FRAME SIZES AS GIVEN ARE OVERALL HEIGHT ABOVE FIN. FLR. LINE.
2. ALL DOORS 1 3/4" THICK UNLESS NOTED OTHERWISE.
3. ALL EXTERIOR CLASSROOM DOORS SHALL BE OPENABLE WITHOUT KEY, SPECIAL KNOWLEDGE, OR EFFORT.

END OF BRICK WALL AS REQUIRED ABOVE WING WALL WITH PLAS. & MET. PLAS. TRIM TO MET. FRAME
7'6" TO TOILET ROOMS
TYPICAL MET. DOOR FRAME
CERAMIC TILE WING WALL OR WAINSCOT AS REQUIRED SEE PLAN & SCHEDULE

ACOUSTIC PLAS. & METAL PLAS TRIM
½" TH. WD. FILLER CONT.
¼" HDWD. PLYWD. CLG. PANELS ABOVE DOOR SHIM AS REQUIRED
8¼"
ALSO SEE (K/10)
LINE OF BRICK BEYOND
7'-4" M.O.
7'-1⅝" DOOR DIM.
SEE ALSO (T)
FILLER PIECE @ DOOR - ⅜" ϕ DOWELS
ELIMINATE SHELF & USE 3⅜" N. x 2" N. HDWD. T.I.M. (DOTTED) AT DR. #14 MP. 5 BLDG.

LOUVER DIM.
EQ. SPACES
24 GA. METAL LOUVER & FRAME
INSECT SCREEN REMOVABLE TUBULAR FRAME
16 GA. METAL DOOR FRAME
DOOR DIM. 2'

EXTERIOR PLASTER & METAL TRIM
MAS. HT. 8'-0"
HARDWOOD 2¼" x 6"
DRIP BY DOOR MFG. CONT. MASTIC APPLICATION BY INSTALLER
5/8" SHIM SPACE
¾"
1¾"
3½"
7'-9¾" FRAME DIM.

OUTSIDE FACE OF BRICK
NOTE: WINDOW SECTION SHOWN DOTTED AT WINDOW TYPES (J) & (K)
TYPICAL MASONRY ANCHORS
PLAS. WHERE OCCURS
16 GA. METAL DOOR FRAME - TYPICAL
JAMB TYPE RUBBER BUMPERS
DIMENSION "X" TYPICAL 1½" AL - (4) - 2⅜" M.P. (8)(10) - 2⅜"
"X" "X" 1⅝ 5½ 1⅝
⅝" x 1" BAR STOP FOR SCREEN DOOR AT DOOR #MP. #7 ONLY
DOOR DIM. 2'-0"
5'-0" FRAME DIM.

JAMB

1½" TH. PLAS. & MET. TRIM
8¼"
ALSO SEE (K/10)
1½"
TYPICAL MET. DOOR FRAME
FILLER PIECE @ DOOR - 3/8" ϕ DOWELS
FLASHING
7'-4" M.O.
7'-1⅝" DOOR DIM.
FRAME DIM.

X HEAD

WOOD TRIM CONT. FROM WINDOW HEAD - RABBET BACK TO COVER DOOR FRAME
6¾"
GLU-LAM BEAM
TYPICAL MET. DOOR FRAME
EXTERIOR FACE OF BRICK WALL
1½"
FIXED TRANSOM PANEL

Y HEAD

P TRANSOM BAR

EXTERIOR PLASTER & METAL TRIM
2 X 6 STUDS
INTERIOR PLASTER & METAL TRIM
2" x 3" TUBE MULLION @ DOOR # AL-4 ONLY
1¼"
TYPICAL MET. DOOR FRAME
CONT. DRIP @ HEAD
FACE OF BRICK BEYOND - DOTTED
2" @ DR. # 4 "AL"
3½"

HEAD

2" x 3" TUBE MULLION
.050 ALUM. FLASHING BEND OVER TOP OF JAMB. "Z" SECTION @ 5 S.S. SCREWS TO WINDOW @ 18" O.C.
WINDOW DIM.
⅛" ALUM. "Z" SECTION - COPE @ 2" x 5" MULLION - # 8 S.S. SELF-TAPPING SCREWS @ 18" O.C. TO WINDOW SECTION
MASTIC
¾" x 1½" x ⅛" x 2" LONG ALUM. ∠ @ MULLION - 2 - # 8 S.S. SCREWS INTO MULLION - # 10 S.T. SCREW THRU 12" INTO DOOR FRAME
SHIM FOR HEIGHT ADJUSTMENT
PLUG ENDS W/ .050 ALUM.
¾" x ¾" ALUM. ∠ - S.S. SCREWS BY DOOR MFG.
F.O.B. BEYOND
7'-1⅝" TO FIN. FLR.
FRAME DIM.

H JAMB

ASBESTOS BD. OR GLASS WHERE OCCURS SEE FRAME ELEVS
FLOOR COVERING
FRAME DIM.
CONT MASTIC APPLICATION BY DOOR INSTALLER

B THRESHOLD

B1 THRESHOLD

1½" x ⅜" MET. BAR ROUND LEADING EDGE TO ⅛" R., EXP. BOLTS TO FLR.
DOTTED INDICATES CONT. FLOOR COVERING (NO MET. BAR)
A.T. FLOOR
NOTE: DOOR MANUF. TO FURNISH V.C.W. PLATE TYPE AUTOMATIC THRESHOLD CLOSER & RABBET DOOR & FURNISH MASTIC FOR INSTALLING
SEE DET. (B1)

GG TRANSOM

CONT. ⅛" ALUM. "Z" SECTION - # 8 S.S. SCREWS @ 18" O.C. - SHEAR. INNER LEG @ BRICK SILL BELOW - SET IN MASTIC
2" x 3" TUBE MULLION EXTENDS TO FLR. - SEE STR'L.
REINFORCE LOCK @ SLIDING DOORS
CONTINUOUS ¾" x ¾" x ⅛" ALUM. ∠ @ 8 S.S. SCREWS @ 18" O.C. TO MULLION
NOTE: ALL ASSEMBLY SCREWS TO BE CADMIUM PLATED
12'-0" M.O.
FRAME DIM.

Z MULLION

FACE OF 2" x 8" STUDS BELOW
1½" x 4" N. CAULK
FACE OF STUDS
2" x 6"
LINE OF SILL, BELOW MET. TRIM
3'-5⅜"
2'-1" DOOR DIM.
LINE OF ACOUSTIC TILE @ 2'-4" ABOVE - SEE (C1)
INSIDE FACE OF 2" x 8" STUDS BELOW
4" x 4"
2" x 4"
¾" N. x 3⅝" N.
½" N. x 4¾" N. SET IN MASTIC
SPECIAL MET. DOOR FRAME
INT. PLAS. & MET. TRIM

S JAMB

1" TILE & GROUT
CARRY MET. LATH TO DOOR FRAME
TYPICAL METAL DOOR FRAME

J SILL

2" x 3" @ 1'-4" O.C.
8'-5⅜"
EXTERIOR PLASTER & MET. PLAS. TRIM
TYPICAL MET. DOOR FRAME
¾" ACOUSTIC TILE ON ⅝" GYPBOARD
GLASS STOP BY FRAME MFR. - DRILL & CSK FOR O.H.M.S. BACK PUTTY SET GLASS IN MASTIC OR GLAZING IN FELT
8'-1⅝" FRAME DIM.

C1 THRESHOLD

C THRESHOLD

2" x 8" @ DR # 23 "MP" BLDG.
INTERIOR PLASTER & METAL TRIM
FACE OF STUD OR BRICK WALL WHERE OCCURS
PLAS. WITH MET. TRIM & CORNER BEAD ON 2" x 4" STUDS WHERE OCCUR - SEE FLR. PLANS
7'-1½"
¾" N. x 3⅝" N. (1" U. x 3⅝" U. @ HEAD - TYP.)
½" N. x 1½" N.
DOTTED INDICATES GLASS & ½" N. x 1½" N. GLASS STOP @ KINDERGTN.
DOOR DIM.
WINDOW DIM.

HH JAMB

NOTCH THRESHOLD @ JOB SITE
2" x 3" TUBE MULLION
ANGLE ABOVE - SEE (GG)
12'-0" M.O.
FRAME DIM.

K HEAD

1" AT DR. #5 BLDG. MP PLAS. & MET PLAS. TRIM
5½" @ C1"-3"
TYPICAL MET. DOOR FRAME
INTERIOR PLASTER
BRICK @ 2'-1" & C.-3" SHOWN DOTTED

D HEAD OR JAMB (TYPICAL FRAME)

⅝" x 1" BAR STOP FOR SCREEN DOOR AT DOOR #MP. #7 ONLY
TYPICAL MET. DOOR FRAME
EXT. FACE OF BRICK
2" # MET. MULLION
INT. PLASTER & MET TRIM
BOLT 2 x TO COL.

JJ MULLION

⅛" ALUM. "Z" SECTION CONT. VERT. CAULKING BEHIND BY INSTALLER
FRAME DIM.

T HEAD OR JAMB (TYPICAL FRAME)

8¼"
¾"
SEE ALSO (K/10) (J/10)
HDWD.
FILLER PIECE @ DOOR WITH ⅜" ϕ DOWELS
SEE ALSO (T)
7'-4" M.O.
2¼"
7'-1⅝" DOOR DIM.

L JAMB

GLASS STOP
EXIT LT. @ DR. # 5 "MP"
16 GA. METAL DOOR FRAME
2½" x 2½" x ¼" x 0'-10⅝" STL. ∠ - PROVIDE POSITIVE SEPARATION BETWEEN ALUM. & STL.
¾" x ¾" x ⅛" x 0'-10⅝" AL. ∠ - SEPARATION
GLASS & STOP SIM. TO DET. (K) & MP. # 5
FRAME DIM.

U HEAD

¾"
SEE ALSO (T)
SEE ALSO (J/10)

M TRANSOM BAR

SUPERIOR NO. 10 PLAS. SCREED
4" x 6" BEAM
⅛" HARDBOARD
TYPICAL MET. DOOR FRAME
¼" SHIM SPACE ±
INSECT SCREEN REMOVABLE TUBULAR FRAME
24 GA. METAL LOUVER & FRAME SECURE W/ SHEET METAL SCREWS
DOOR FRAME DIM.
LOUVER DIM.
8 EQ. SPACES

KK JAMB

F.O.S. & F.O.B. BEYOND
SEE STR'L. DWG. FOR LINTEL
STRIPPING AS REQUIRED
PLAS. & MET. TRIM
TYP. MET. DOOR FRAME

B B MULLION

10'-6" BOT. CLG. JTS.
7'1⅛"
2" x 4" CLG. JSTS. @ 16" O.C.
INTERIOR PLASTER & METAL TRIM
TYPICAL MET. DOOR FRAME
EXTERIOR PLASTER & METAL TRIM
SEE ALSO (N)

LL

CUT BRICK
1/2" PLAS. & METAL TRIM
1½"
8" BRICK HEAD
TYPICAL MET. DOOR FRAME
EXT. FACE
1½"
TYP. MET. DR. FRAME
SEE ALSO (N)
10'-0" MASONRY OPG.
FRAME DIM.

A A HEAD

½" N. x 1½" N. GLASS STOPS
¾" N. x 3⅝" N.
LINE OF PLAS. BELOW
5/8" TH. WOOD TRIM
2 x 4
SEE ALSO (D)

CC HEAD

DOOR DIM.
1'-9⅛"
1'-5⅜"
1'-1⅝"
2"
16 GA. METAL DOOR FRAME - SEE TYPICAL (A)
5½"
AT DR. # 6 "MP" SHOWN DOTTED

MM HEAD

24 GA. MET. LOUVER FRAME SECURE W/ SHEET MET. SCREWS

PP DD MULLION

V JAMB

TRANSOM PANEL TO MATCH SLAB DOOR FIXED TO FRAME
NOTE: SUSPENDED C.L.G. @ DOORS # K-2 & K-3 ONLY
MET. PLAS. TRIM
METAL DOOR FRAME
DOOR DIM.

W PANEL JOINT

N HEAD

F1 JAMB

F HEAD

2" x 6"
2½" x 4½" @ 16" o.c.
7'-1⅛"
INTERIOR PLASTER & METAL TRIM
1" N. x 3⅝" N.
1½" U. x 1½" U.
DOOR DIM.
2" x 4"
5/8" N. x 3" N. WOOD TRIM
SEE ALSO (D)

APPROVED: ARCHITECT — ENGINEER

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

APPROVED: FOR THE DISTRICT

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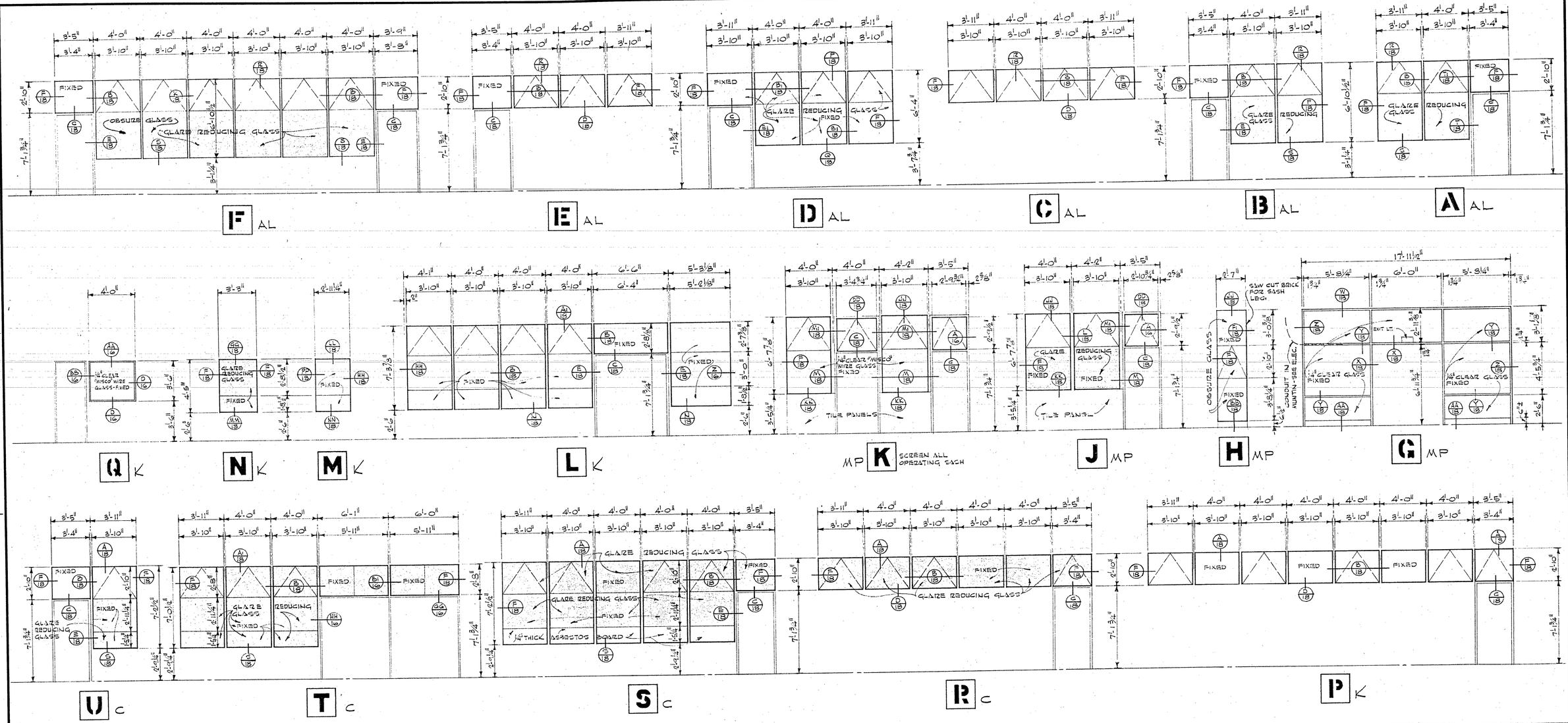
LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

DATE OF DRAWING 1-14-60
DRAWN BY LK
DRAWING NO. 16
OF (54)

(16)



GENERAL NOTES ON WINDOWS :

1. ALL GLASS IS CLEAR UNLESS OTHERWISE NOTED
2. ALL HEIGHT DIMENSIONS ARE FROM FINISHED FLOOR LINE
3. ALL OPERABLE SASH IN ADMINISTRATION & MULTI-PURPOSE BLDG'S. SHALL BE SCREENED

NOTE : WHERE MUNTIN BARS OCCUR ADJACENT TO TRANSOM - ALIGN AS HERE SHOWN

APPROVED: _____ ARCHITECT _____ ENGINEER

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
APPL. NO. 30[illegible]
DATE _____ PRINCIPAL STRUCTURAL ENGINEER

APPROVED: FOR THE DISTRICT
_____

DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT
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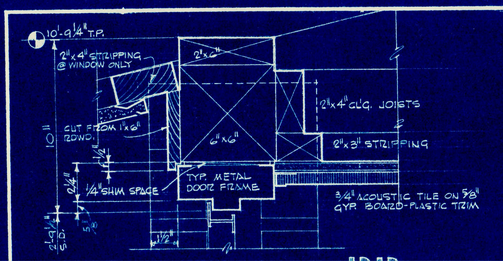
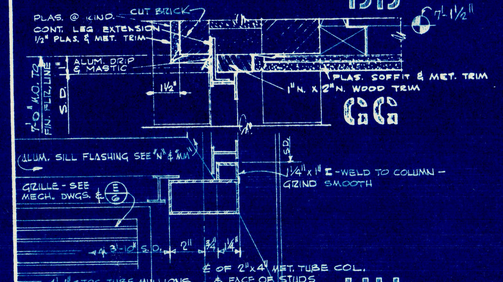
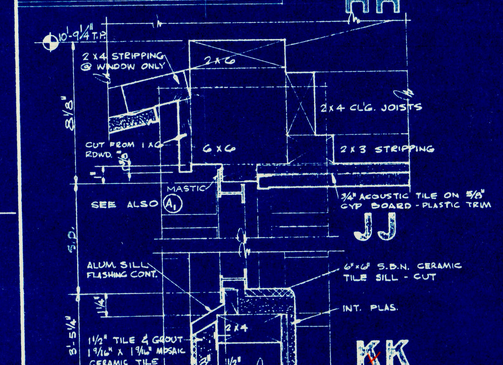
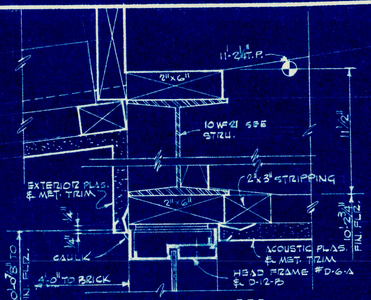
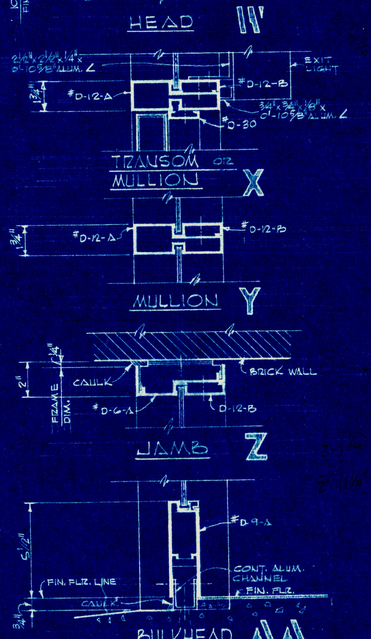
DATE OF DRAWING
DRAWN BY LK
DRAWING NO. 17 OF 54

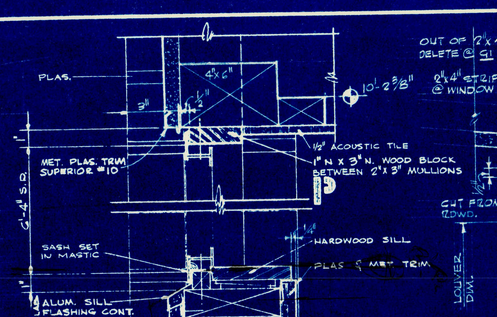


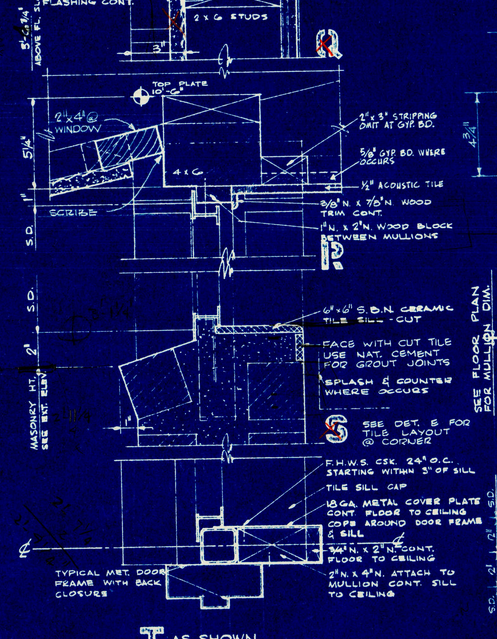


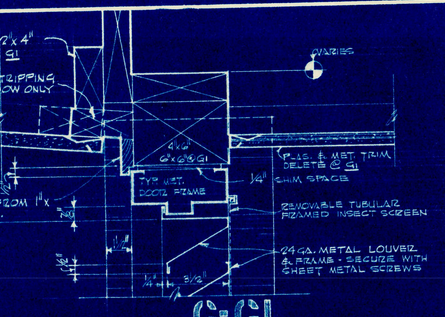


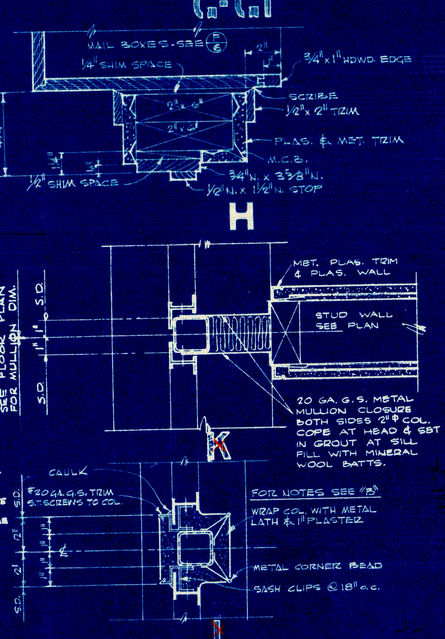


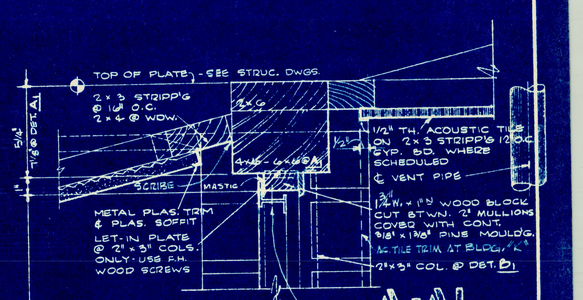


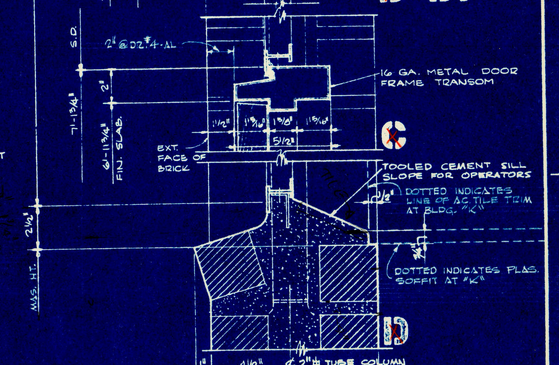












ALL DETAILS SCALE 3"=1'-0" UNLESS OTHERWISE NOTED

APPROVED: ARCHITECT / ENGINEER

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

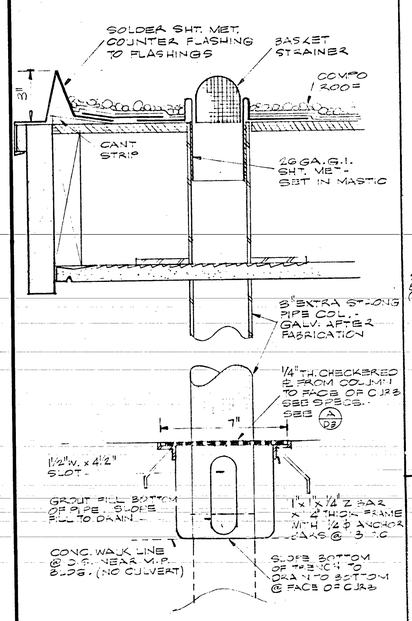
APPROVED: FOR THE DISTRICT

DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT
MADISON AT EDEN — WESTMINSTER, CALIFORNIA

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

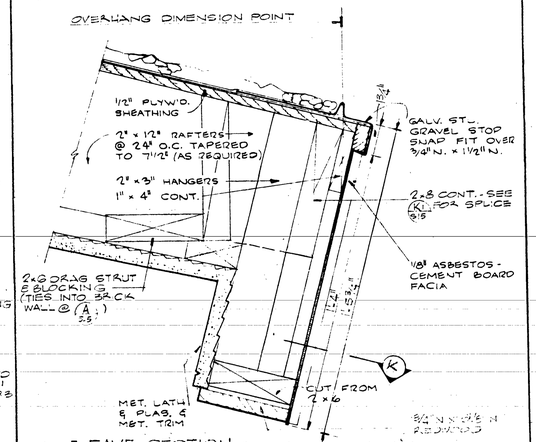
LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

DATE OF DRAWING / DRAWN BY / DRAWING NO. 18 OF 54



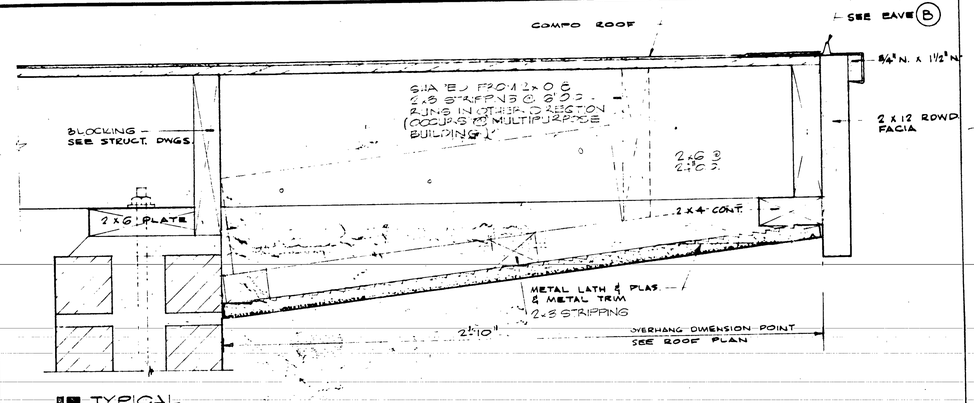
TYPICAL PIPE COL. DOWNSPOUT @ COVERED SHELTER

SCALE: 3"=1'-0"



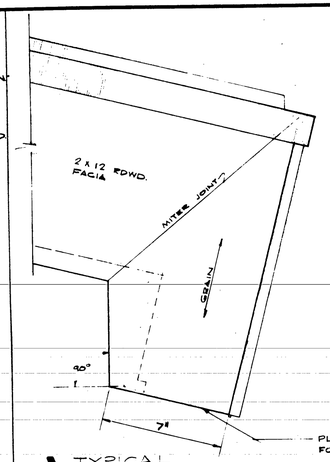
EAVE SECTION @ KINDERGARTEN

SCALE: 3"=1'-0"



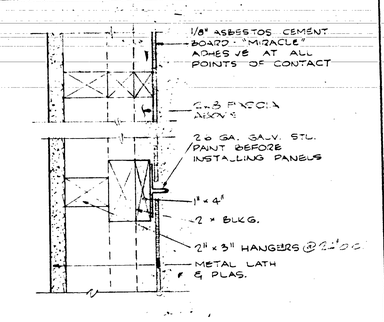
TYPICAL RAKE SECTION

SCALE: 3"=1'-0"



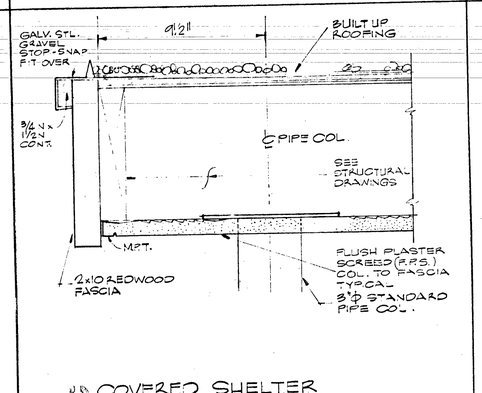
TYPICAL END ELEVATION OF RAKE

SCALE: 3"=1'-0"



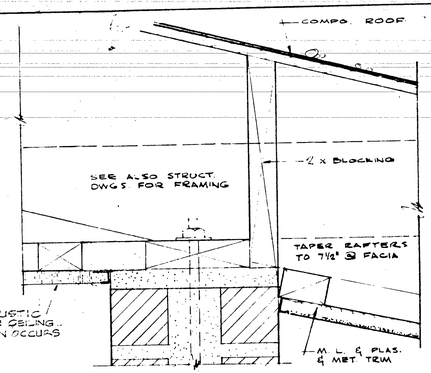
EAVE PLAN K SECTION

SCALE: 3"=1'-0"



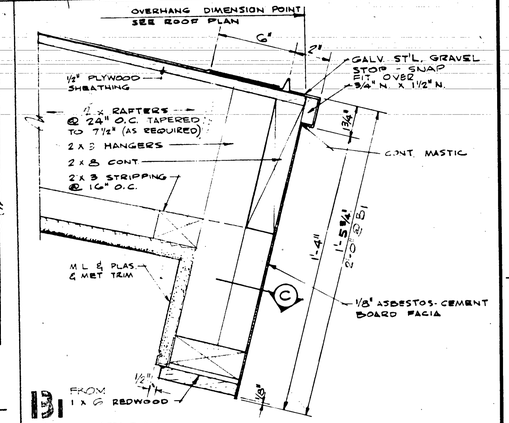
COVERED SHELTER EAVE SECTION

SCALE: 3"=1'-0"

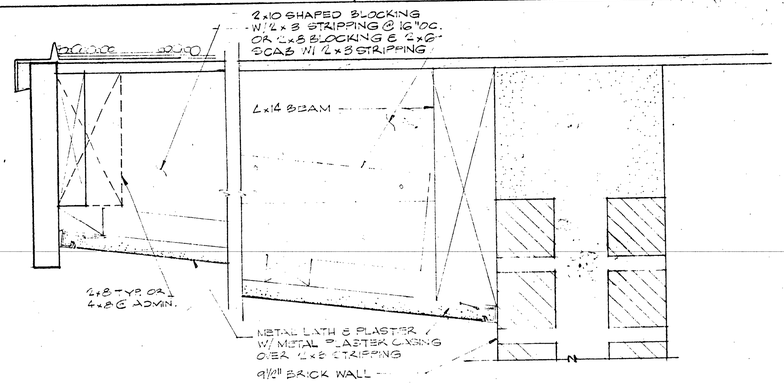


TYPICAL CEIL. CONDITION @ TRUSSED RAFTERS & BRICK WALL

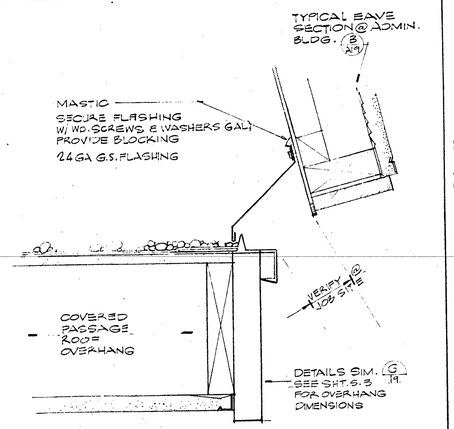
SCALE: 3"=1'-0"



TYPICAL EAVE SECTION

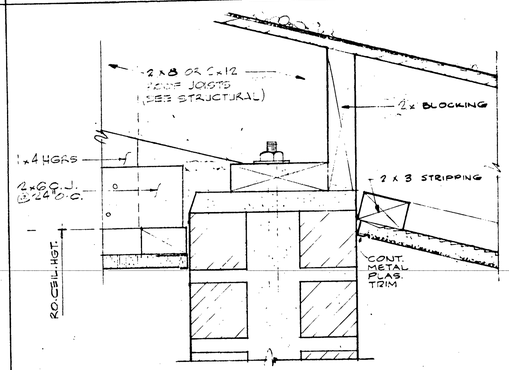


RAKE L SECTION



COVERED PASSAGE & EAVE CONNECTION DETAIL

SCALE: 3"=1'-0"



TYPICAL CEIL. CONDITION @ BRICK WALL

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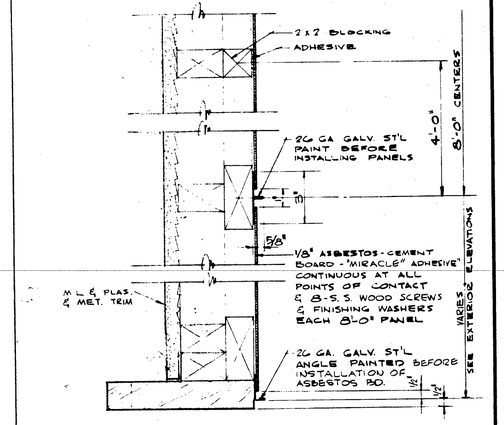
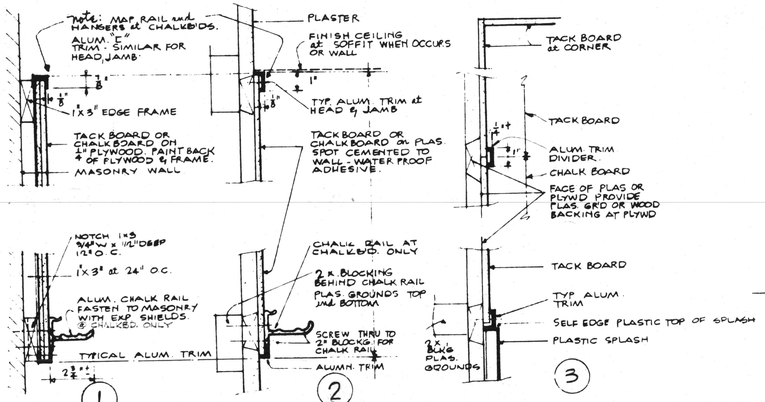


TYPICAL EAVE PLAN SECTION

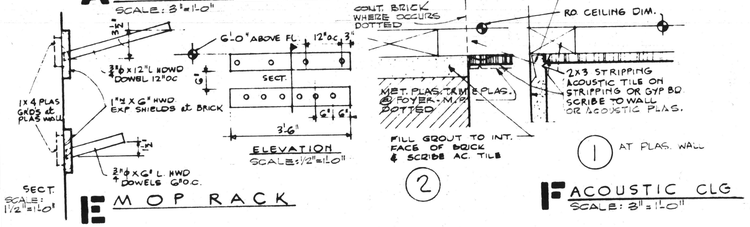
3"=1'-0"

APPROVED: ARCHITECT	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE	APPROVED: FOR THE DISTRICT	DR. JESSE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT	HILLMAN & NOWELL STRUCTURAL ENGINEERS	FRANK PERL	LEE B. KLINE, ARCHITECT, A.I.A.	DATE OF DRAWING
ENGINEER	APPL. NO.		MADISON AT EDEN	816 W. 5th STREET MA 6-8748	PROJECT COORDINATORS	963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241	DRAWN BY
	DATE PRINCIPAL STRUCTURAL ENGINEER		WESTMINSTER, CALIFORNIA	LOS ANGELES 17, CALIFORNIA			DRAWING NO. 19 OF 54



A TACKBOARD and CHALKBOARD

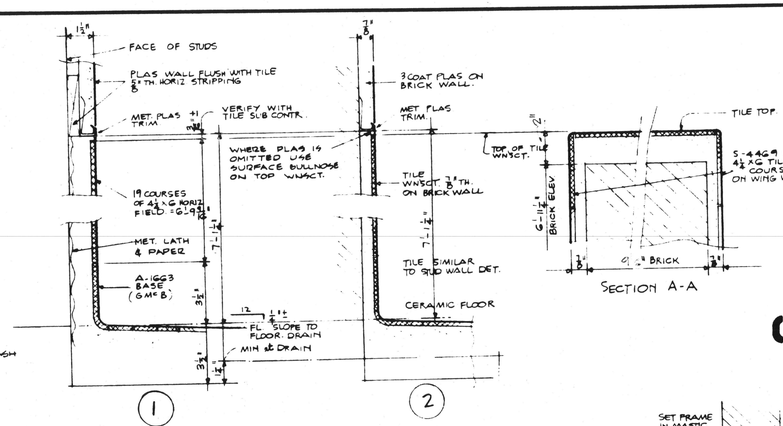
SCALE: 3"=1'-0"



E MOP RACK

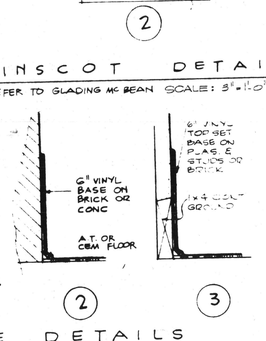
F ACOUSTIC CLG

SCALE: 3"=1'-0"



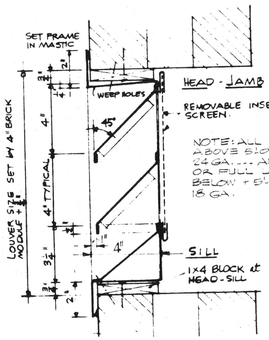
B TILE WAINSCOT DETAILS

Note: ALL TILE NOS. REFER TO GLADING MC BEAN SCALE: 3"=1'-0"



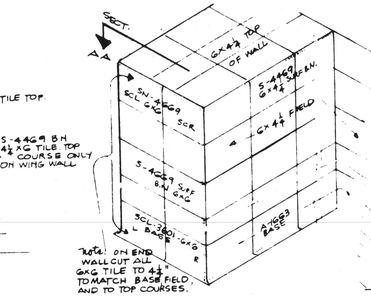
G BASE DETAILS

SCALE: 3"=1'-0"



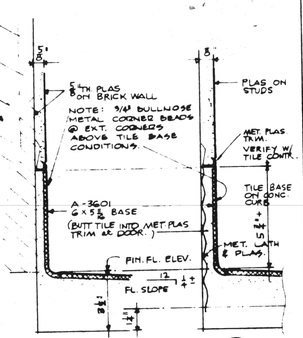
H LOUVER

SCALE: 3"=1'-0"



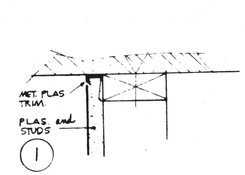
C ISOMETRIC DRAWING OF TILE WING AND END WALLS - TOILET ROOMS

NO SCALE

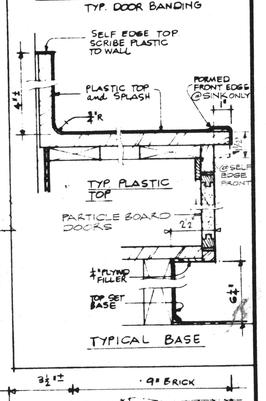


D TILE BASE DETAILS

SCALE: 3"=1'-0"



J MASONRY to STUD WALL



TYPICAL NOTES

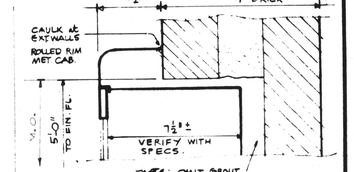
CASE WORK TO CONFORM TO "PREMIUM" GRADE CONSTRUCTION AS ADOPTED BY THE "WOODWORKING INSTITUTE of CALIFORNIA" LATEST EDITION. VARIATIONS FROM W.I.C. SHALL BE SHOWN ON DRWGS OR SPECS. OMIT DOOR STOP AT HINGE JAMB.

JOB SAND ALL CORNER & EDGES TO ½"R

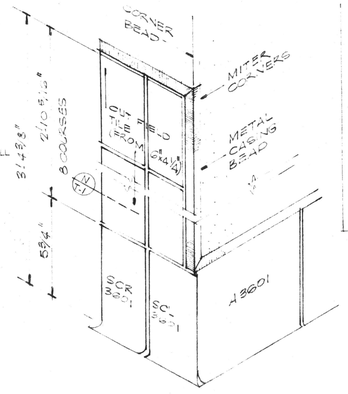
ALL CABINETS OVER 5'10" HIGH TO BE SECURLY ANCHORED TO BUILDING WALLS.

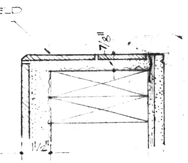
PROVIDE LOCK BLOCK AT TEACHERS WARDROBES "FOR "GLEN JOHNSON" HARDWARE.

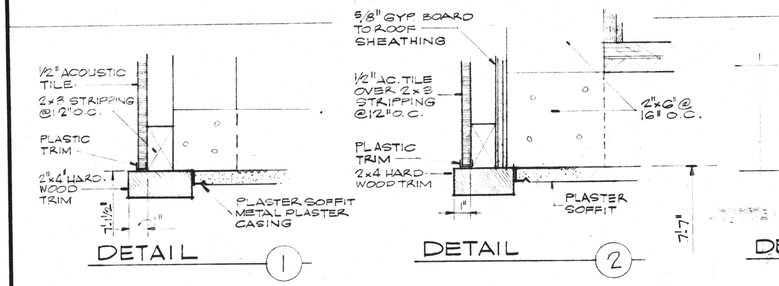
¾" TH. SHELVES TYPICAL.

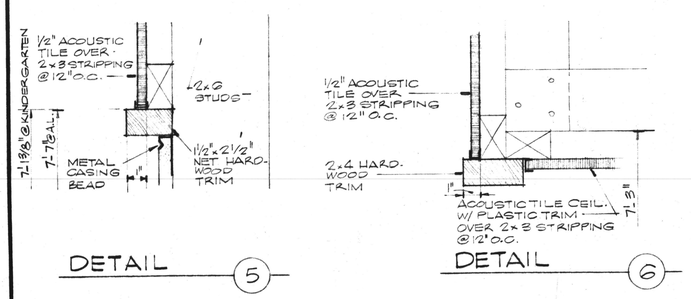


K TYP. FIRE EXTINGUISHER CAB



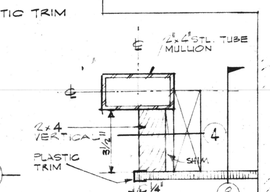




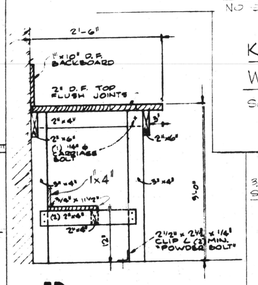


L ACOUSTIC TILE DETAILS

SCALE: 3"=1'-0"



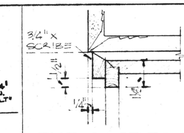
FURRED SOFFIT @ 2x4 STL. TUBE MULL. KINDERGARTEN



KINDERGARTEN TOILET ROOM WINGWALL DETAILS

SCALE: AS SHOWN

N



EQUIPMENT	KINDER	1-2	3-4	5-6
CHALKBD, BASEL. OR COUNTER	1'-11"	2'-1"	2'-5"	2'-5"
DRINKING FOUNTAIN	2'-0"	2'-4"	2'-4"	2'-4"
LAVATORY	2'-0"	2'-4"	2'-4"	2'-4"
M.I. 2702 BOTTOM	2'-8"	3'-4"	3'-4"	3'-4"
WARDROBE POLE	3'-5"	3'-8"	3'-10"	4'-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

DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT
MADISON AT EDEN — WESTMINSTER, CALIFORNIA

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

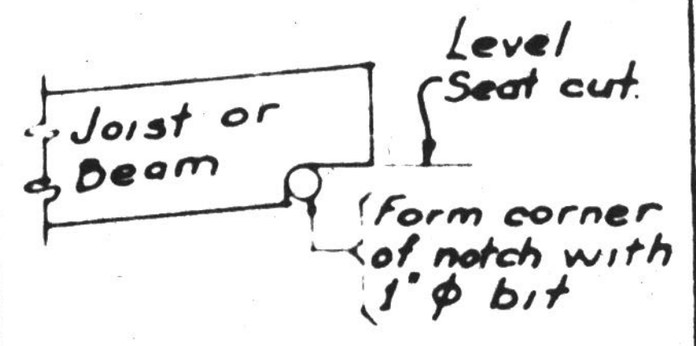
FRANK PERL
PROJECT COORDINATOR

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

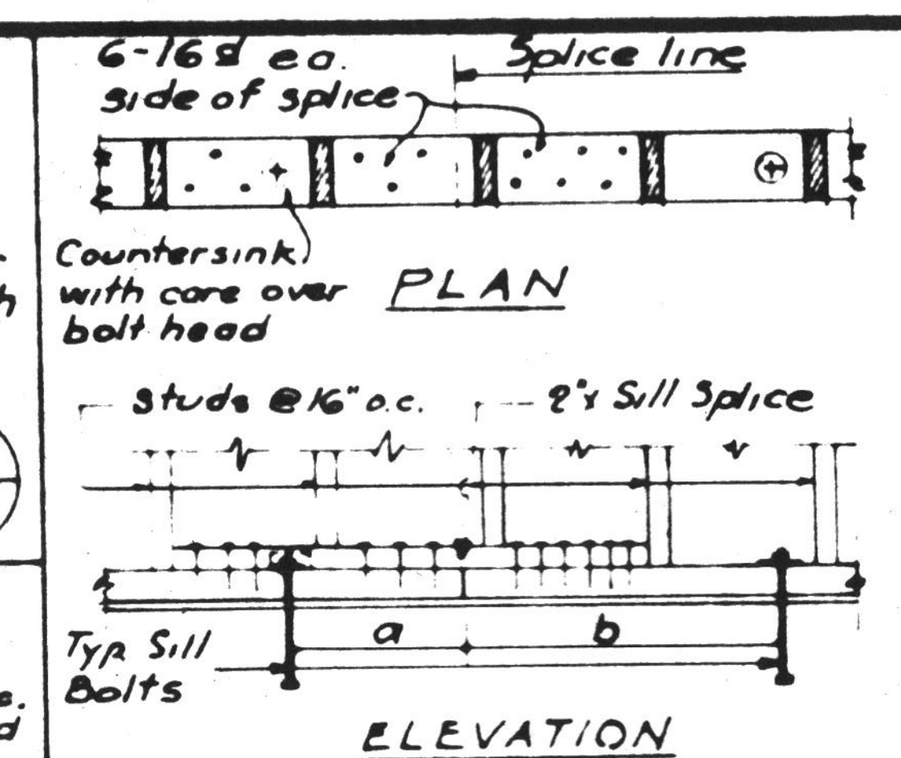
DATE OF DRAWING
DRAWN BY R. J.

DRAWING NO. T-1 OF 54

20

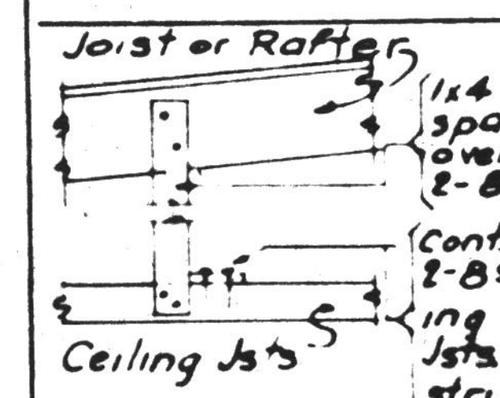


TYPICAL JOIST NOTCH (Y/S1)

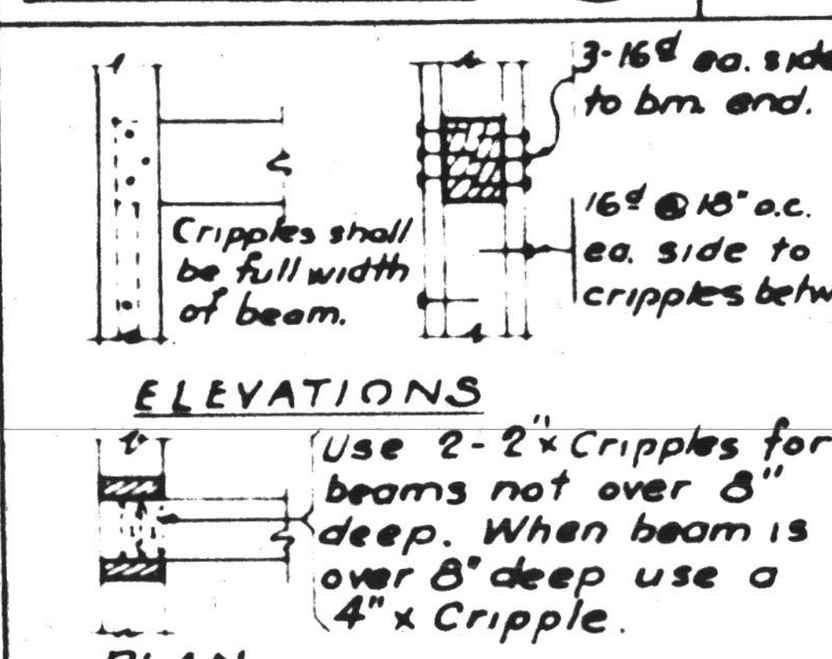


This detail required when either "a" or "b" dim. is greater than 9". See Timber Note ③

SPECIAL CONDITION SILL SPLICE (W/S1)

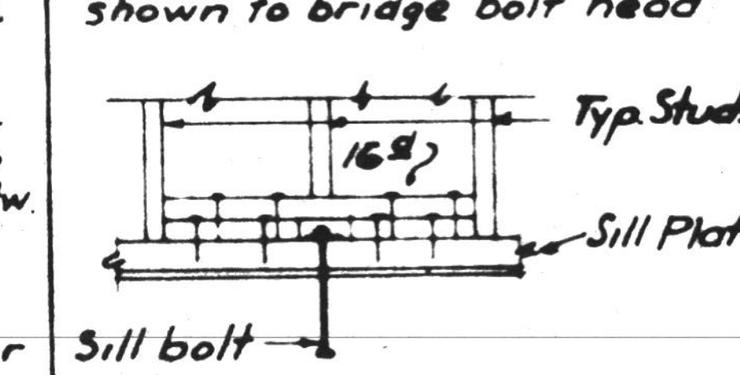


TYP. CEILING JOIST HANGER (X/S1)



TYP. SUPPORT FOR BEAM ENDS AT WALL (V/S1)

Install 2"x filler pieces as shown to bridge bolt head



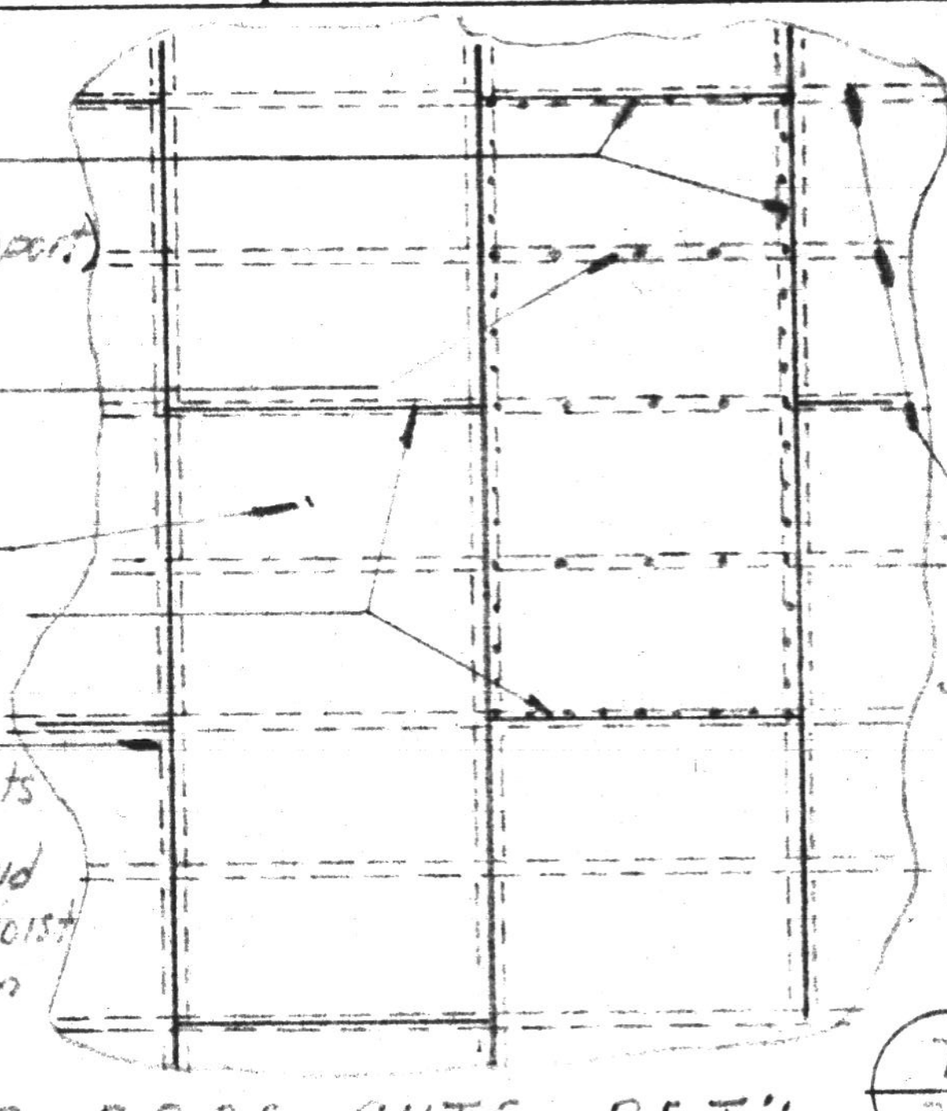
DETAIL WHEN STUD OCCURS OVER ANY PART OF SILL BOLT (U/S1)

Typ. Edge Nailing: 8d @ 6" oc (3/8" min to edge of sheet or support)

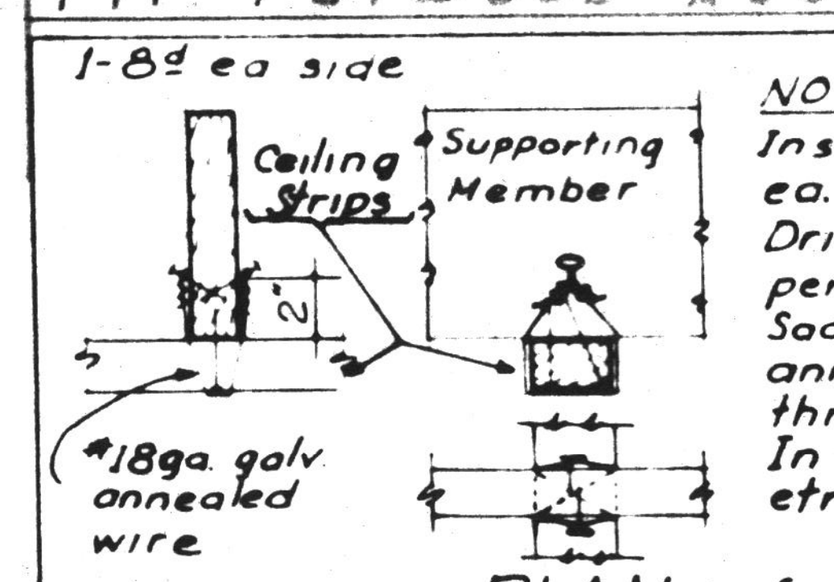
Typ. Intermediate Nailing: 8d @ 12" oc

Plywood sheets
Stagger plywd joints
2x4 flat blkg, perpendicular to roof joists @ plywd joints

Note! 4'-0" side of plywd shts to splice of roof joist. No plywd sht. less than 2'-0" wide min.



TYP. PLYWOOD ROOF SHTG. DET'L (T/S1)



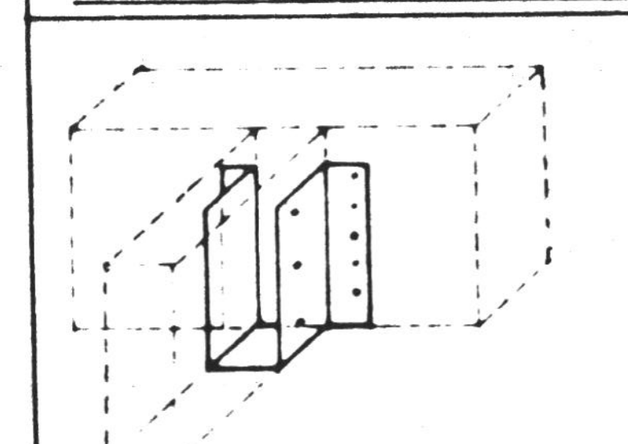
CEILING MATERIAL	SIZE AND SPACING OF STRIPPING
PLASTER	2x3 @ 16" o.c.
ACOUSTIC TILE	2x3 @ 12" o.c.
GYPSUM BD	

NOTE FOR PLASTERED CEILINGS

Install wire ties at 4'-0" o.c. along ea. ceiling strip as follows:– Drive one 8d nail ea. side to 1½" penetration and slanted down. Saddle tie stripping with #18 ga. galv. annealed tie wire. Take a min. of three twists around head of ea. nail. In lieu of 2-8d shown one 16d penetrating thru the joist may be used.

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

TYP. SUPPORT FOR CEILING STRIPS. (S/S1)

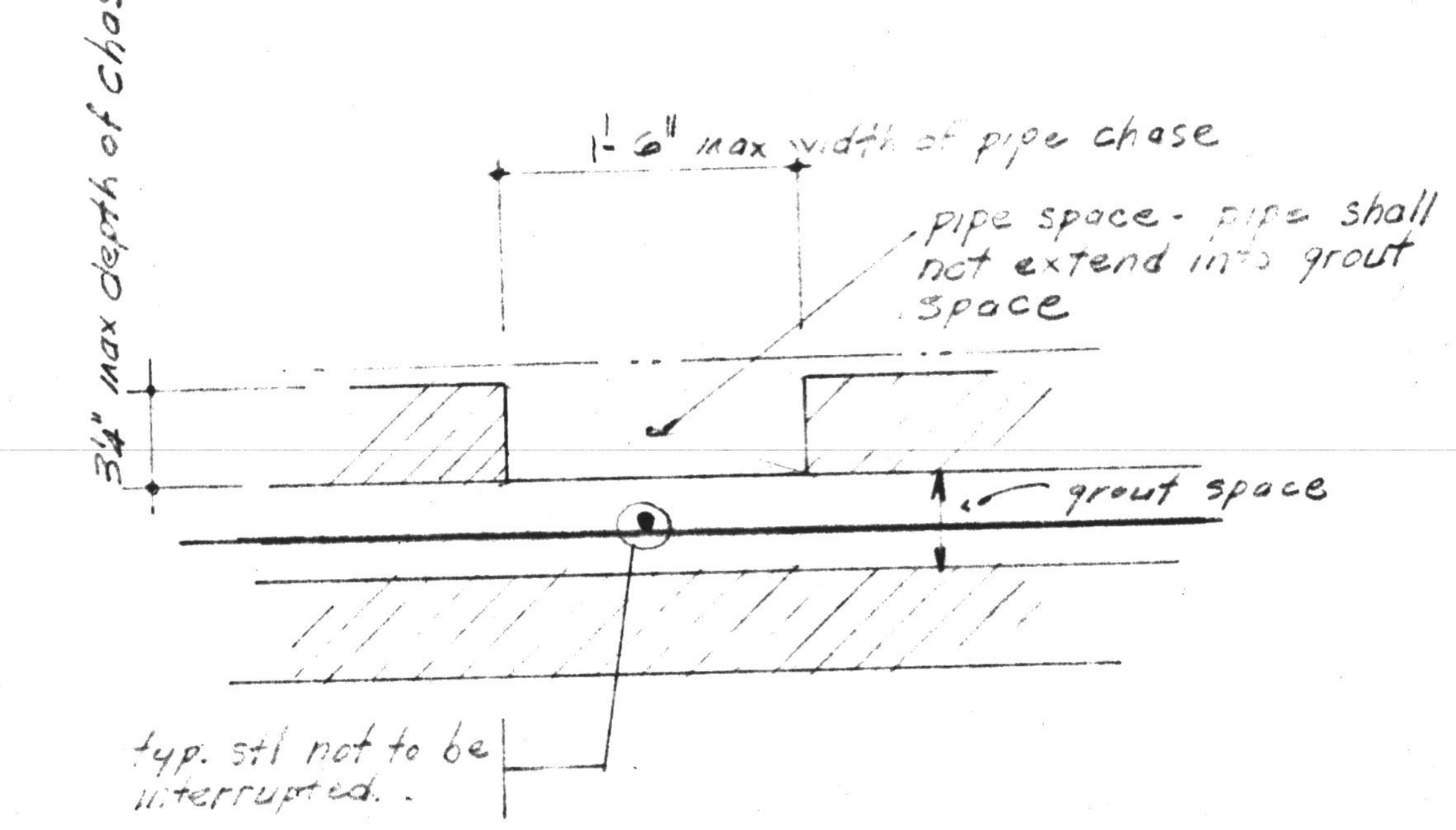


Install all hangers in strict accordance with Manufacturer's Specifications.

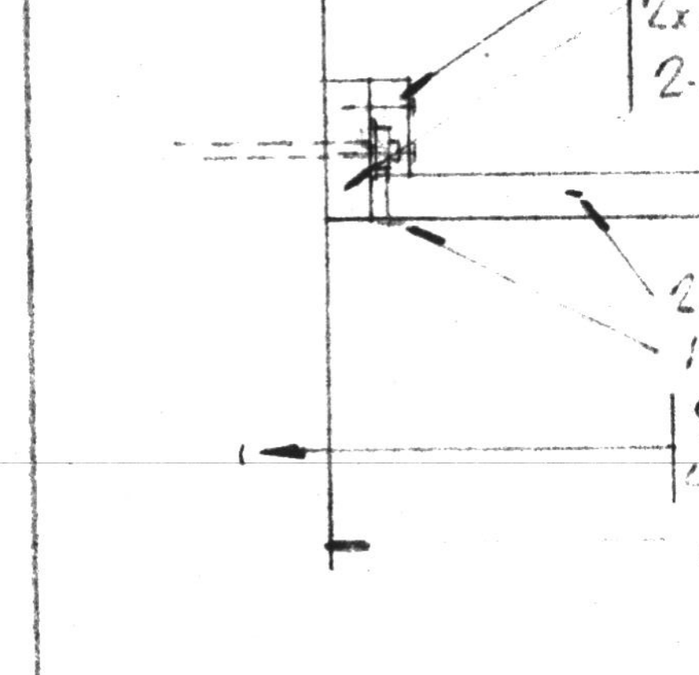
Unless otherwise noted or detailed all headers, trimmers and tail joists shall be supported on approved hangers.

JOIST HANGER SCHEDULE	
THICKNESS OF SUPPORTED MEMBER	TYPE
NOT OVER 2"	TECO-CAL TYPE SM
	UNIVERSAL
	VET CRADLE
3" AND OVER	TECO-CAL TYPE 1A
	IRON ANGLE

TYPICAL JOIST HANGERS. (R/S1)



TYP. PIPE CHASE IN BRICK WALL



TYP. 2x3 STRIPPING CONN. @ WALL (P/S1)

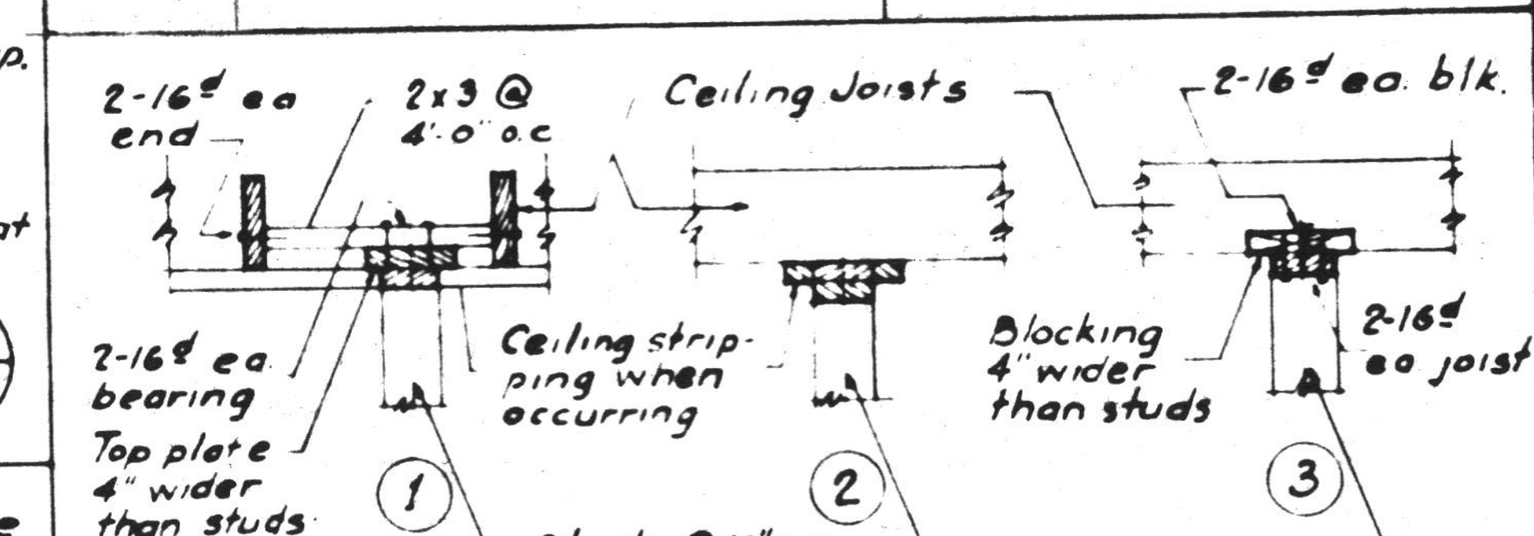
– NAILING SCHEDULE –

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 toe nails.

DETAIL	FASTENING
1-Joists or rafters to sides of studs.	
8" Joists or less	3-16d
For ea. additional 4" in depth or less	1-16d
2-Joists or rafters at all bearings	
Toe nails ea. side	2-10d
3-Studs to bearings	
Toe nails ea. side	2-10d
4-Blocking between joists or rafters	
To joist or rafter - Toe nails ea. side, ea. end	2-10d
To joist or rafter bearing - Toe nails ea. side	2-10d
To 2x4 joist - toe nails total	3-10d
5-Blocking between studs - Toe nails ea. end	2-10d
(2-16d end nails may be used at either or both ends in lieu of toe nails when feasible)	
6-Sheathing at all bearings	
1"x6"	2-8d
1"x8"	3-8d
Plywood at all edges	6d @ 6" o.c.
Plywood at all interior supports	6d @ 12" o.c.
7-Diagonal sheathing at all ends	
1"x6"	3-8d
1"x8"	4-8d
8-Cross bridging between joists or rafters	
Toe nails ea. end	2-8d
9-Herringbone blocking, ea. end	2-10d
10-Ceiling strips to under side of joists per bearing	
1"x4" - one straight and one slant	2-8d
2x3 - " " " "	2-16d
1¼" Net x 3" - " " " "	2-10d
In lieu of common wire nails "Stronghold" (annularly grooved) nails may be used as follows:–	
1x4	2-8d
2x3 24" span	1-16d
2x3 30" span	2-16d
At plastered ceilings refer to (S/S1)	
11-Ribbons to studs	
1" ribbons	2-8d
2" ribbons	2-16d
12-Double Top Plates	
Lower plate to top of stud	2-20d
Upper plate to lower plate - staggered	16d @ 18"
Upper plate to lower plate - at intersection	3-16d
13-Multiple Studs - Stagger where possible	16d @ 12"
14-Built up Beams	
10" or less in depth - staggered	16d @ 12"
More than 10" deep - staggered (bolts)	½" @ 24"
15-Double Joists under Partitions	
Where not blocked apart - staggered	16d @ 12"
Where blocked apart - at ea. block ea. side	2-16d

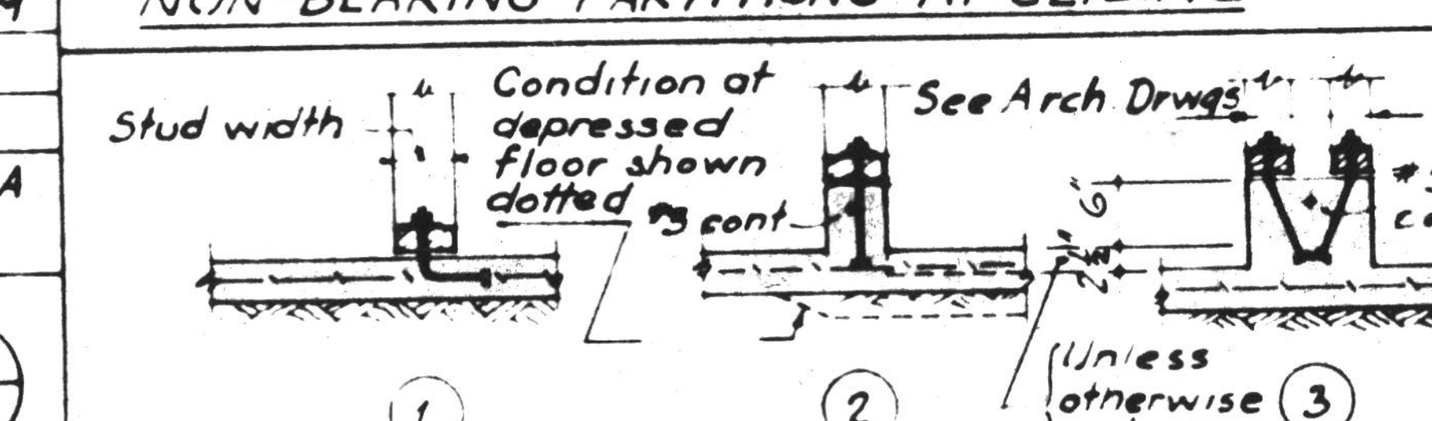
Note:– Details shall govern in all cases when their nailing requirements are more stringent than the above schedule.

WASHER SCHEDULE FOR BOLTS & LAG SCREWS
Use standard cut washers for all bolts.



Non-bearing walls to be erected after roof dead loads have been applied.

NON-BEARING PARTITIONS AT CEILING (M/S1)

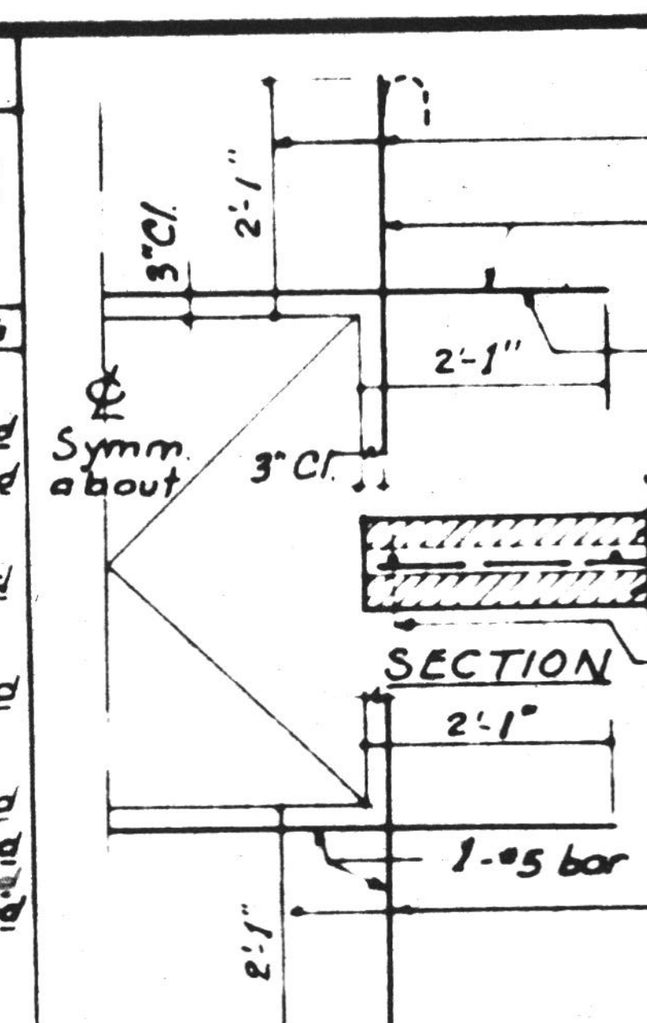


NOTES
All sills 2" Douglas Fir (pressure treated). All sills set on ½" (min) thick beds of trowel spread wet mix cement grout.

Alternate:– In lieu of bolts shown Contractor may use ¼ϕ shanked Powder bolts and washers @ 32" o.c. Powder bolts must penetrate conc. 1½" min. Powder bolts not permitted when partitions rest on curbs.

NON-BEARING PARTITIONS AT FLOOR (N/S1)

TYP. BRICK WALL REINF.		
THICKNESS	HORIZ STL	VERT STL.
9½"	#5 @ 22" oc.	#5 @ 22" o.c.



Where 2'-1" cannot be obtained extend bars as far as possible and hook.

1-#5 bar

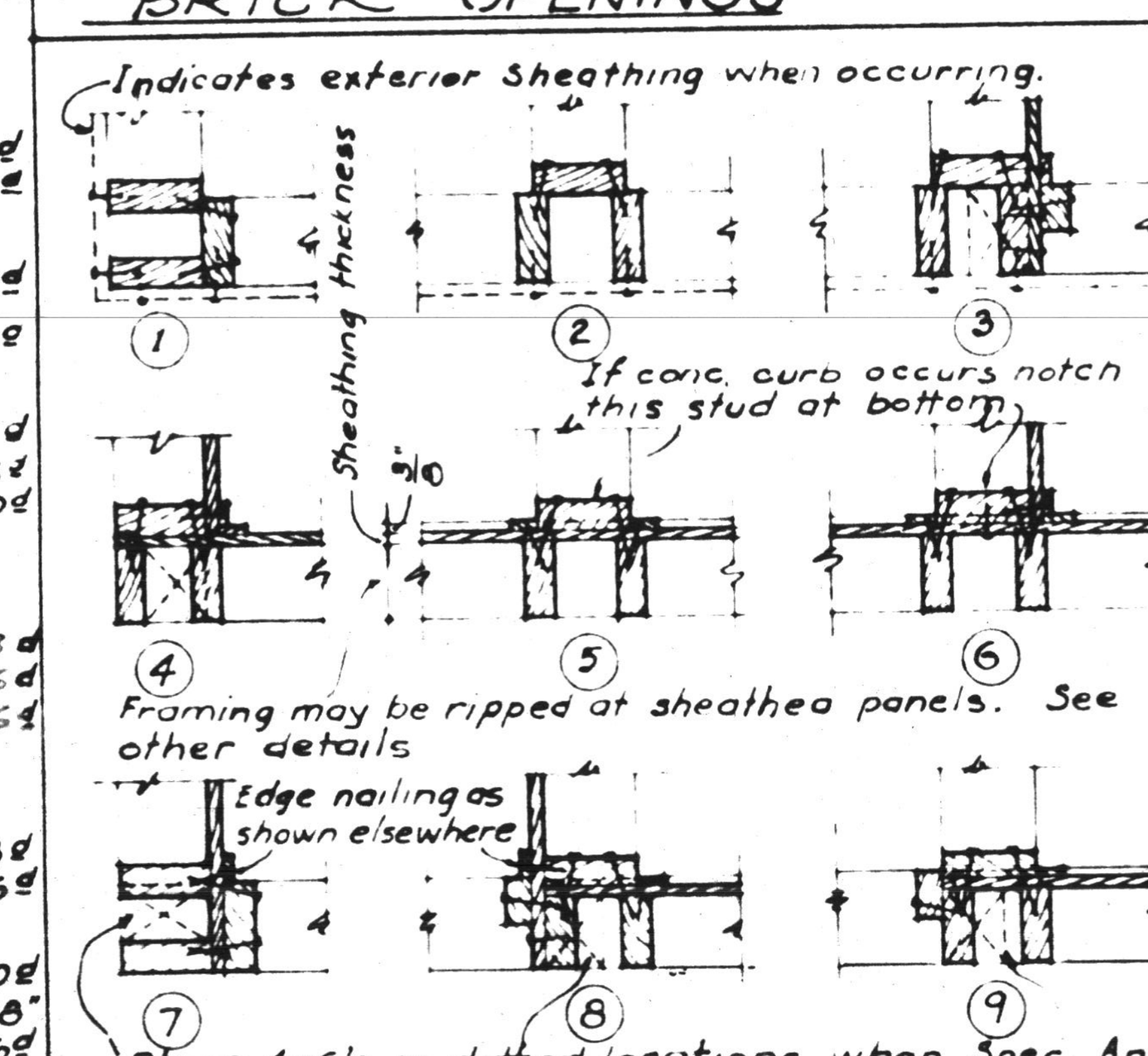
These bars not required when larger lintel bars are shown elsewhere.

Section applies at head jamb and sill.

Typ. trim bars shown are in addition to typ. wall steel

Provide dowels for these bars with 40 diam lap from pour below when 2'-1" cannot be obtained.

TYPICAL TRIM BARS AT BRICK OPENINGS (L/S1)



Framing may be ripped at sheathed panels. See other details

Place 4x6's in dotted locations when Spec. Anchors occur

– NOTES –

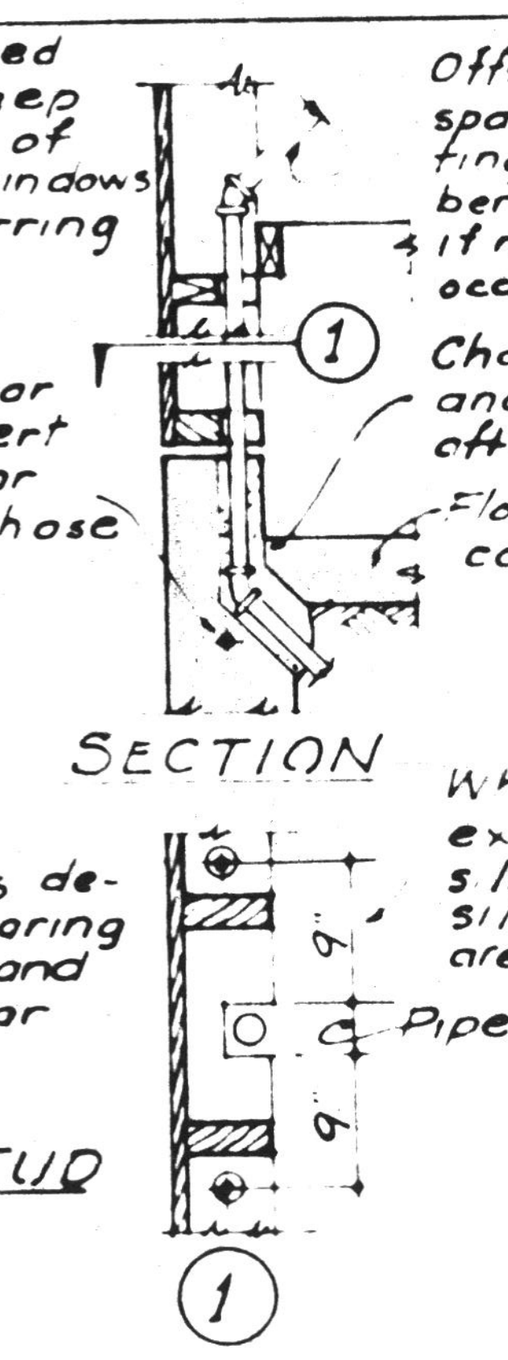
Sheathing shown shall be as noted and detailed elsewhere. See other details for edge nailing indicated above. Typically studs in direct contact shall be nailed together with 16d at 12" o.c. (staggered where possible). Connection for studs separated by a layer of sheathing shall be 20d @ 12" o.c. unless otherwise noted

TYPICAL STUD WALL CORNERS AND INTERSECTIONS. (K/S1)

Studs may be notched not to exceed 2" deep for horizontal runs of vent pipes below windows except where furring occurs.

Where main reinf bar is cut at chase insert #5x4'-0" splice bar centered on the chase

Limits set by this detail apply to all bearing and exterior walls and walls in which shear panels occur.



Offset pipes in attic space to avoid cutting of plates. Timber note ⑥ governs if no attic space occurs.

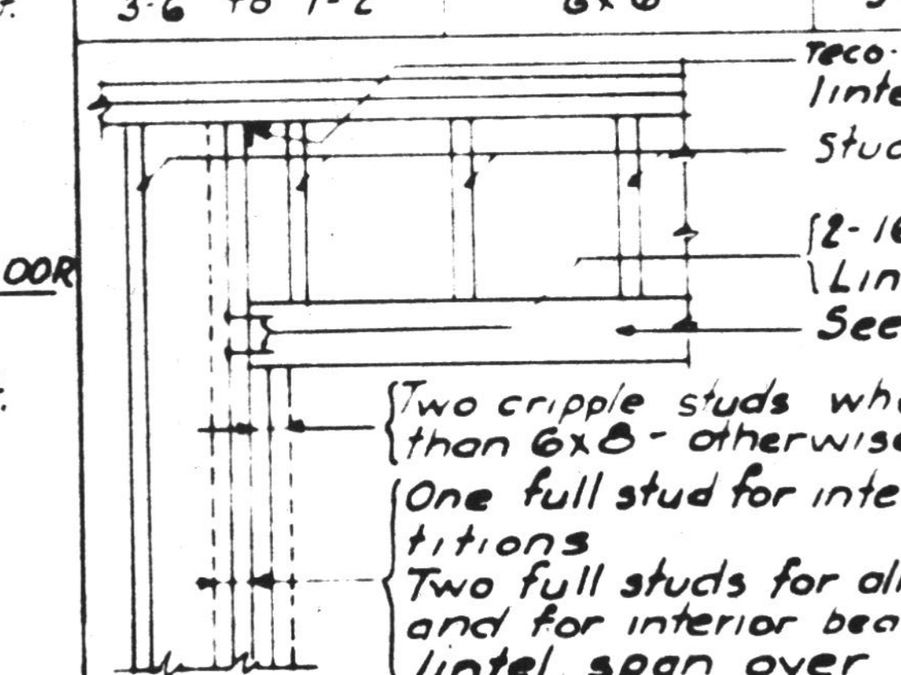
Chase conc. for pipe and grout in place after pipe is set.

Floor may be conc. or wood

Where cut in sill exceeds ⅓rd of sill width 2 extra sill bolts as shown are required.

PIPES IN STUD WALLS (J/S1)

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	3'-0" to 6'-6"	2-2x6



Teco-Dbl-L Grip at top & bottom for lintel spans over 7'-0"

Studs & Cripples @ 16" o.c.

2-16d for ea 3" in Lintel depth

See lintel schedule above

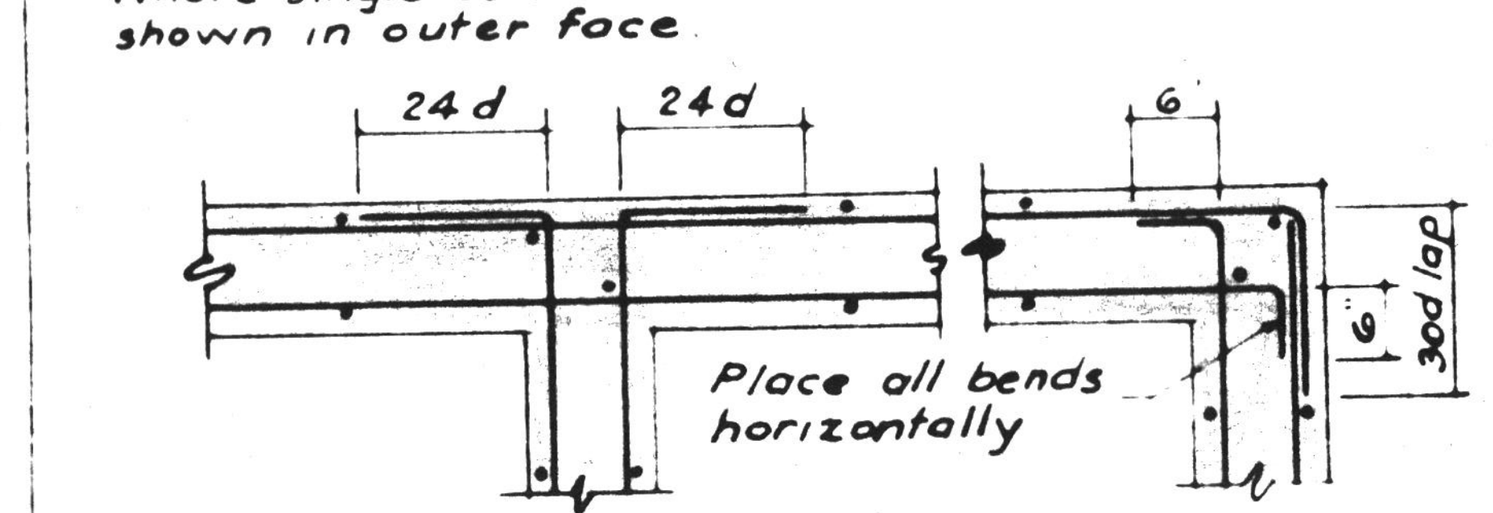
Two cripple studs when lintel is larger than 6x8 - otherwise one.

One full stud for interior non-bearing partitions

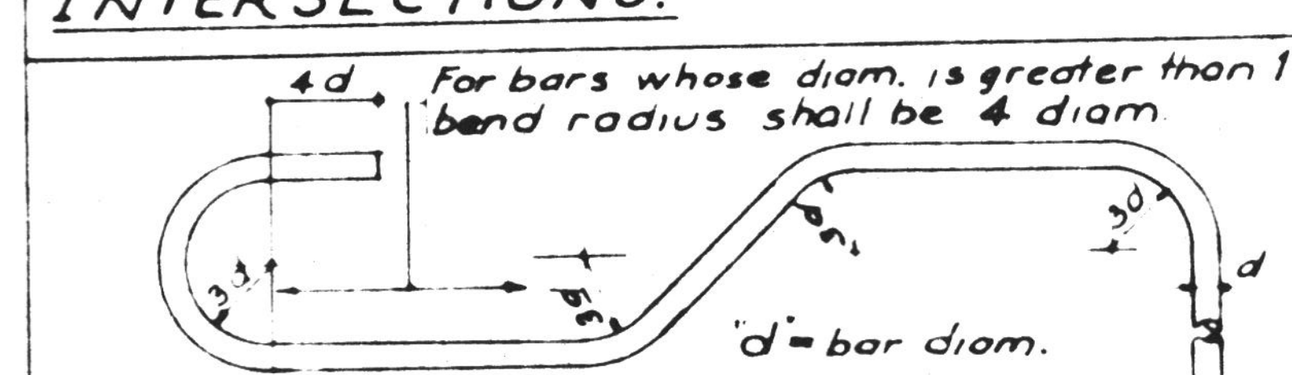
Two full studs for all exterior wall openings and for interior bearing partitions with lintel span over 3'-0"

TYPICAL LINTEL END DETAIL (H/S1)

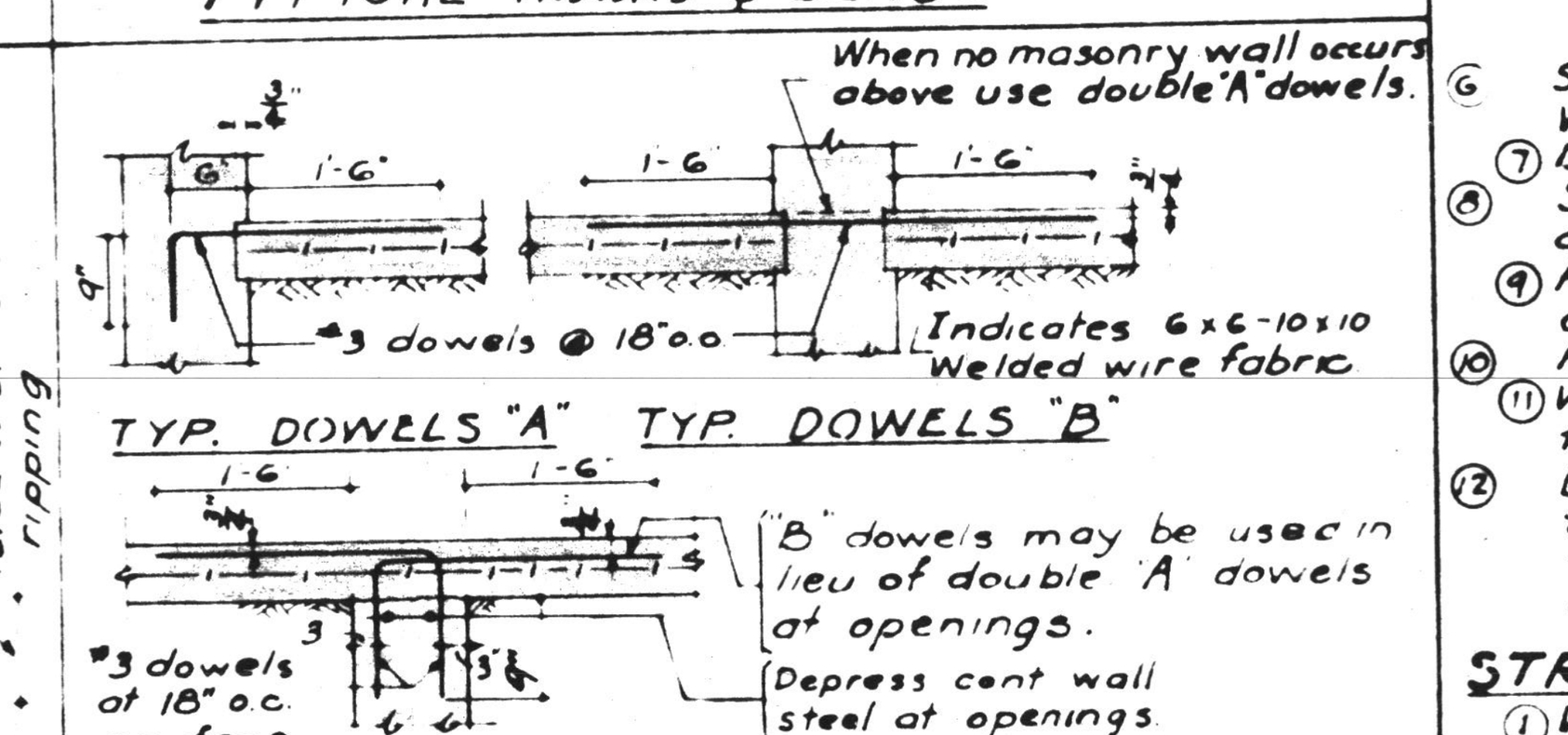
Where single curtain of steel occurs bend bars as shown in outer face



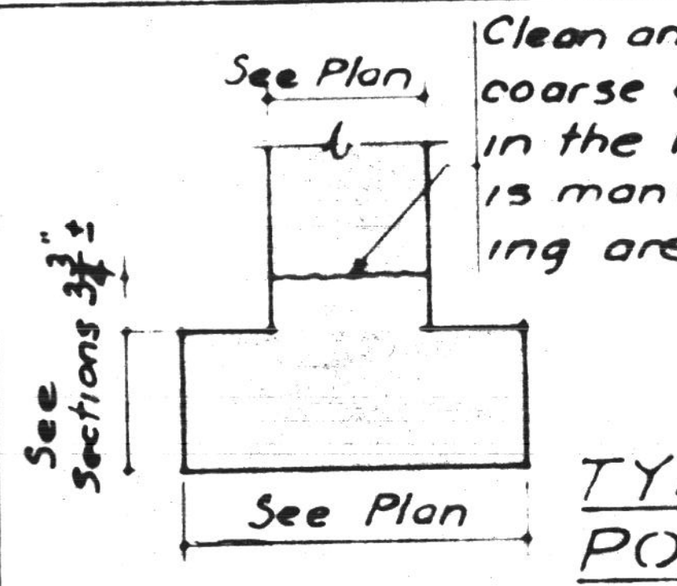
PLAN OF STEEL IN WALLS, BEAMS & FOOTING PADS AT CORNERS & INTERSECTIONS. (A/S1)



TYPICAL HOOKS & BENDS (B/S1)

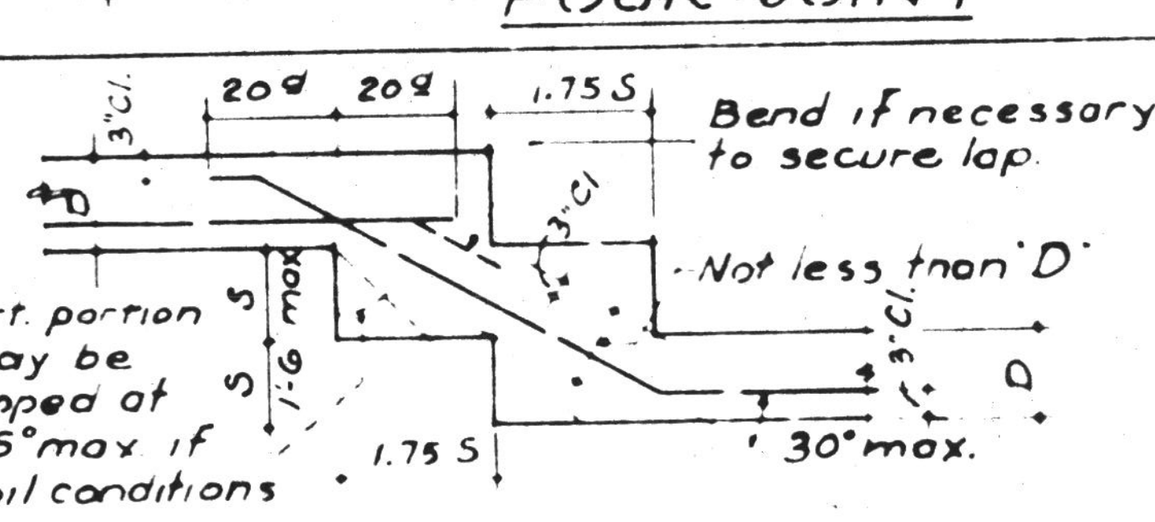


TYPICAL DOWELLING OF SLABS ON EARTH TO WALLS (C/S1)

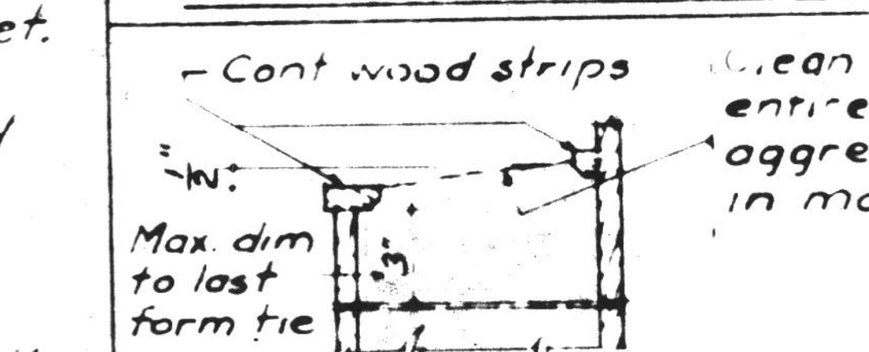


Clean and roughen surface exposing coarse aggregate firmly embedded in the mortar matrix. Pour joint is mandatory unless wall and footing are completely formed.

TYPICAL FOOTING POUR JOINT (D/S1)

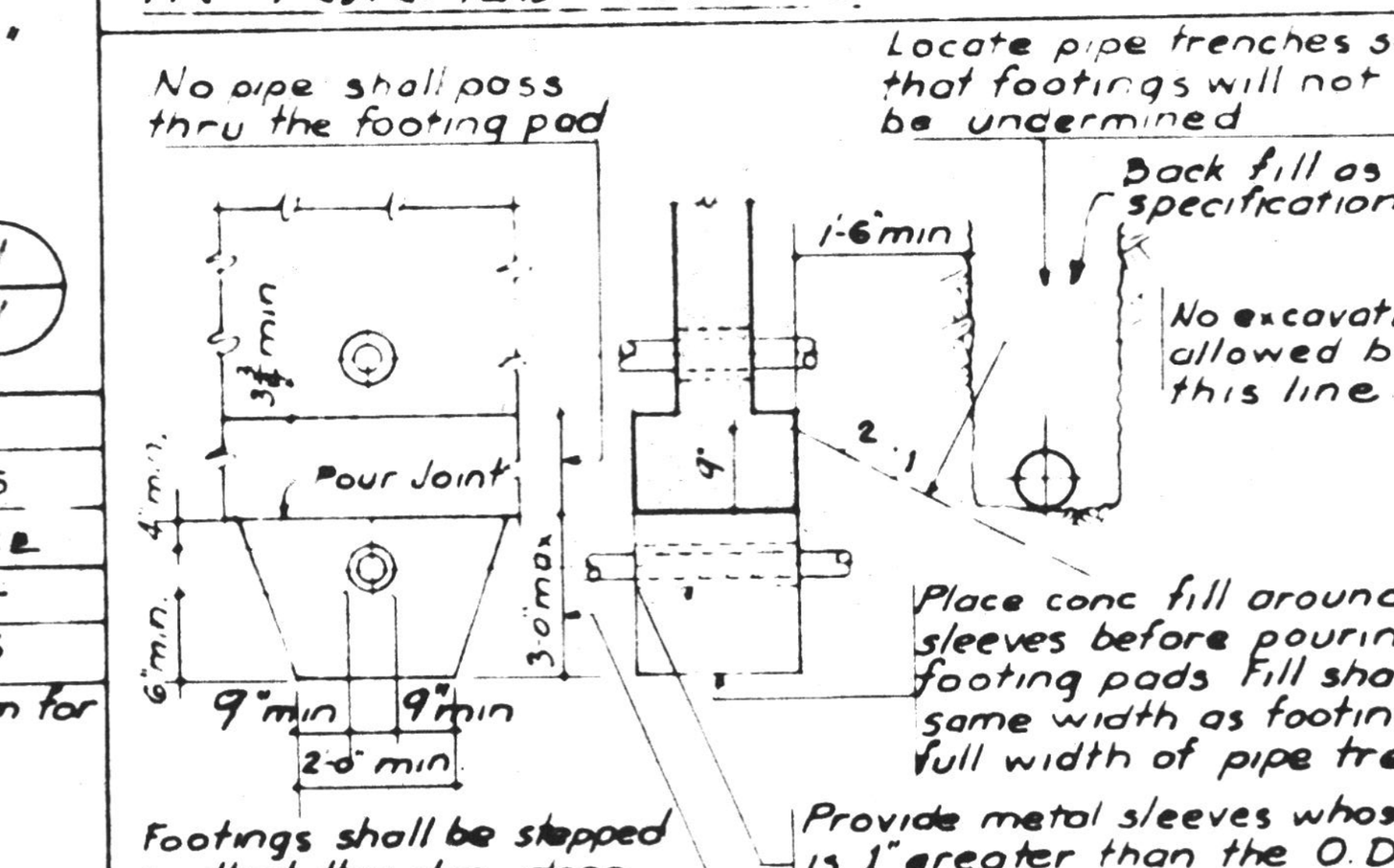


TYPICAL FOOTING STEP (E/S1)



Clean and roughen by removing entire surface exposing coarse aggregate firmly embedded in mortar matrix.

TYPICAL POUR JOINT IN FORMED WALLS (F/S1)



DETAIL OF PIPES AT CONCRETE FOOTINGS (G/S1)

~ GENERAL NOTES ~

SOIL CONDITIONS * (See additional notes below.)

① Soil supporting footings is silt & silty sand.
② Soil bearing value for use in design assumed to be 1500 #/□' D+L (750 #/□' D+L @ stuffed ...)
③ Footings shall extend at least 1'-0" into natural undisturbed soil or 2'-0" below finish grade whichever is the 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 wired together.
⑤ Reinforcing steel shall have min. protective conc. covering as given below.

WALL STEEL BELOW GRADE
On dirt side when poured against dirt – 3"
On dirt side when formed – 2"
On side away from dirt – 1"

WALL STEEL ABOVE GRADE
In all cases – 1"

OTHER ITEMS
Footing Pads – 3"
Slabs on forms – 3/4"
Joists (sides, tops, soffits) – 3/4"
Tied Columns (to main steel) – 1½"
Spiral Columns (to main steel) – 2"
Beams & Girders (sides, tops, soffits) – 1½"

⑥ Slabs on earth other than walks shall be reinforced with 6"x6" – #10x#10 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 At 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:–

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 5/8"x12" 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 9" 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 (W/S1).
④ Where stud partitions join conc or masonry walls the end stud shall be anchored thereto with ½" bolts near top and bottom and at each row of fire blocking. Such bolts shall be embedded in the wall not less than 2/3rds of the wall thickness or 8" maximum.
⑤ Studs shall be spaced @ 16" oc max and of the size shown on plans and sect's.
⑥ No structural members shall be cut for pipes, vents, ducts and other similar openings except as detailed or specified.
⑦ Joists and rafters shall be spliced at supports only unless otherwise detailed.
⑧ Splices shall lap not less than 1'-0" min. and be spiked together with 3-16d min.
⑨ 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.
⑩ 2x3 cross bridging shall be placed between joists or rafters where spans exceed 8'-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.
⑪ All bolts shall be fitted with standard cut washers. Holes for bolts in timber shall be bored with a bit whose diam is 1/32 larger than the nominal bolt diam.
⑫ Double top plates on all exterior and bearing partitions (not otherwise detailed) shall lap 4'-0" min. at splices and have 6-16d min thru lap.

BRICK MASONRY

① See specifications for brick, mortar & 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 5 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 backed up with concrete or grout as noted in ⑤ above, or each bolt shall be grouted as an isolated bolt in ② above.
⑦ At all corners and intersections single curtains of horizontal steel shall be treated as noted in (A/S1).
⑧ Locate end bolts anchoring wood members (which support vertical loads) within 12" of the end of the member.

~ LEGEND ~

New Concrete in Section.	Continuous Wood Member.	Elevation bottom of footings
Existing Concrete in Section.	Wood Blocking	Detail Number / Sheet Number
Elevation at point indicated. / Brick in Section	Indicates Footing Step	TRG = Timb-R-Grip
	W.W.F. = Welded Wire Fabric.	N.S. = Nelson Stud

* METHOD of PREPARING SITE

Prior to placing any fill, all vegetation and organic material should be stripped and removed. The exposed natural surface should then be scarified to a depth of six inches, brought to optimum moisture content, and compacted to at least 90% of the maximum density obtainable by the A.S.T.M. Designation D1557-58T method of compaction. The use of a heavy 60-inch-diameter sheepsfoot roller is required. After the natural soils are properly compacted, all planned fill should be placed in eight-inch-thick loose lifts, brought to near optimum moisture content, and compacted to at least 90%.

The on-site soils are suitable for use in compacted fill. Any necessary imported fills should consist of non-expansive, predominantly granular soils such as a silty sand.

For additional information refer to soil report #60307 dated 12 July, 1960 LeRoy Crandall & Associates.

APPROVED: [signature] ARCHITECT [signature] ENGINEER

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE — APPL. NO. 7 — DATE — PRINCIPAL STRUCTURAL ENGINEER

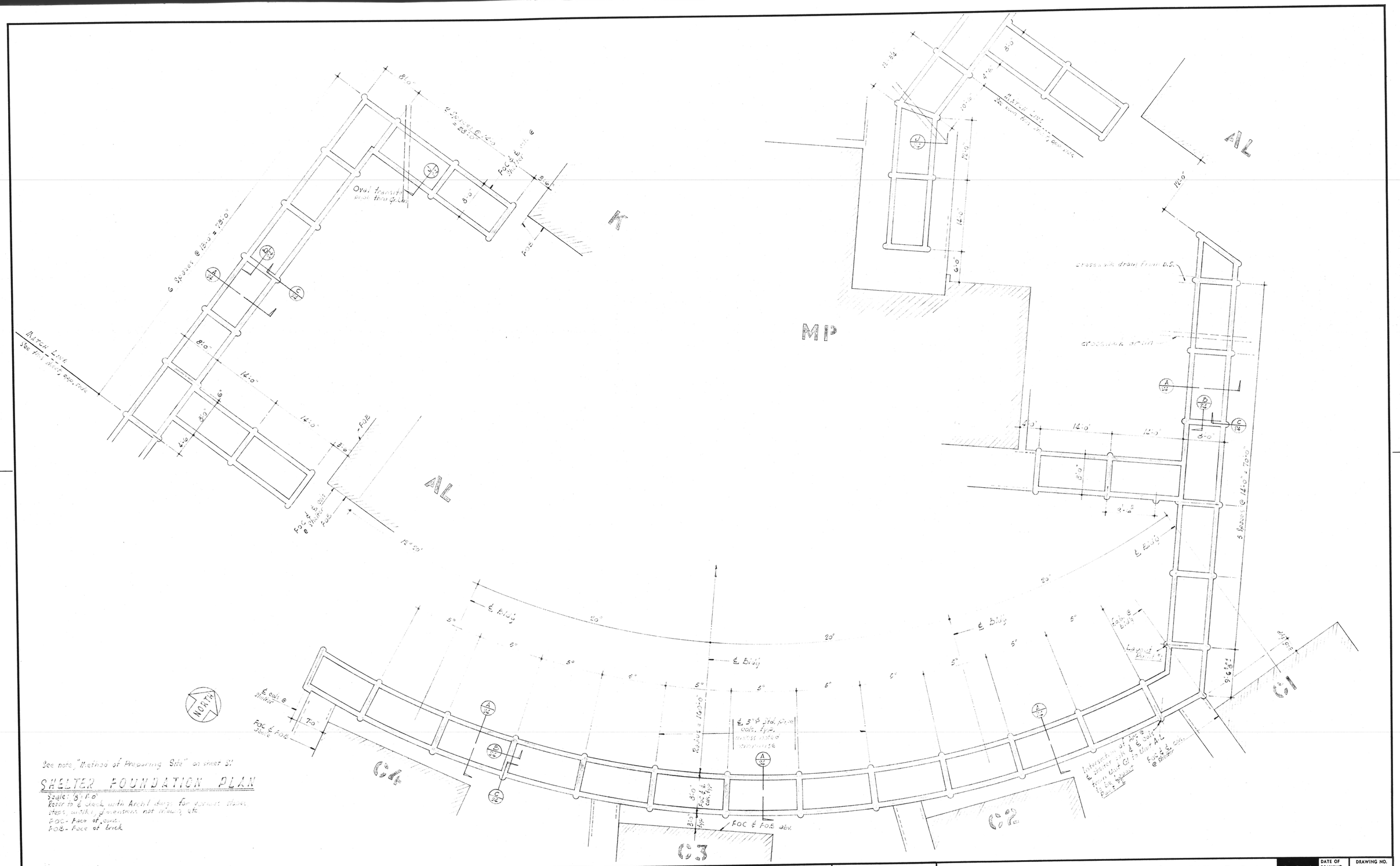
APPROVED: FOR THE DISTRICT [signatures]

DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT
MADISON AT EDEN — WESTMINSTER, CALIFORNIA

HILLMAN & NOWELL STRUCTURAL ENGINEERS ... 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. S-1 OF 54

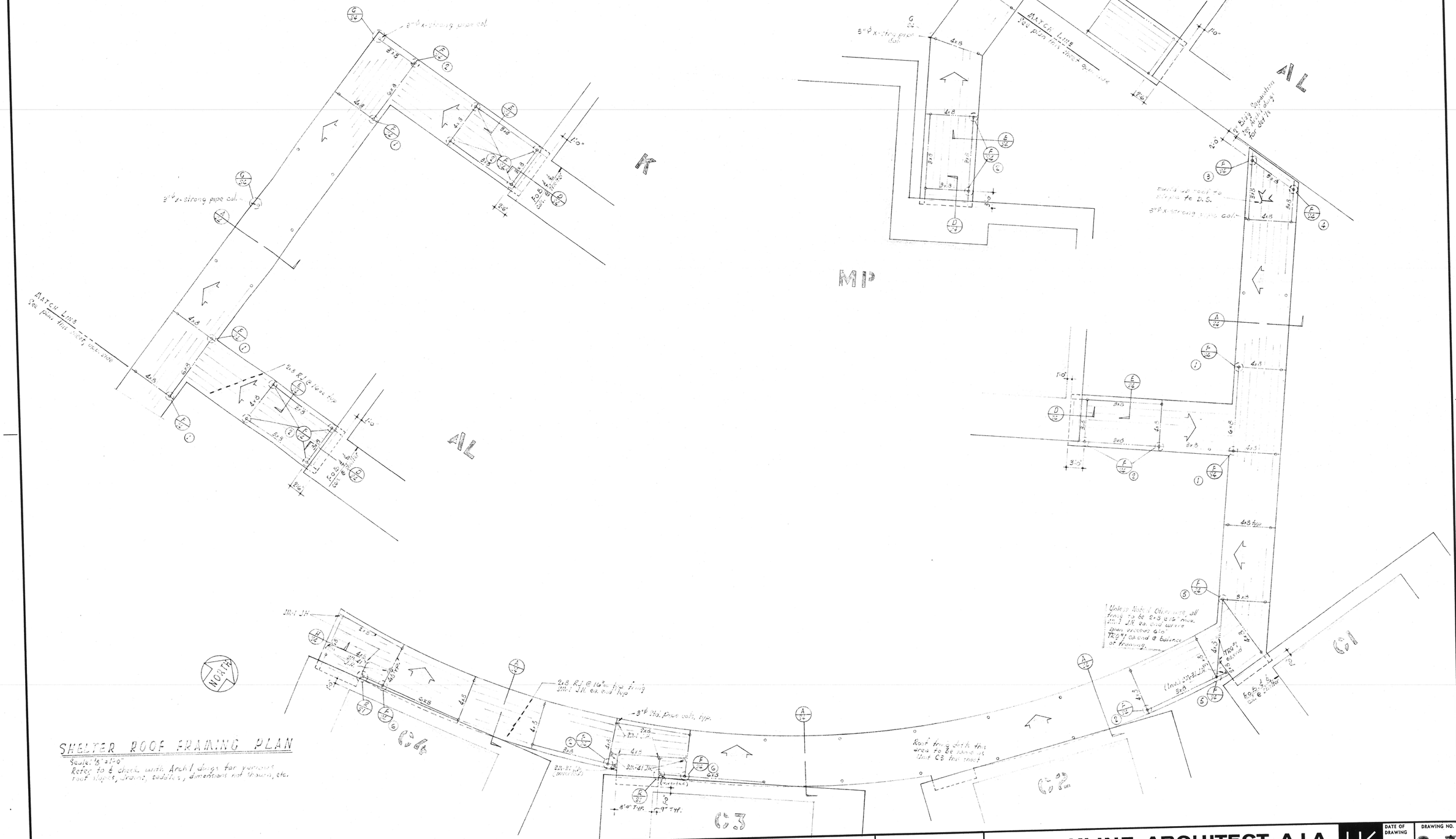


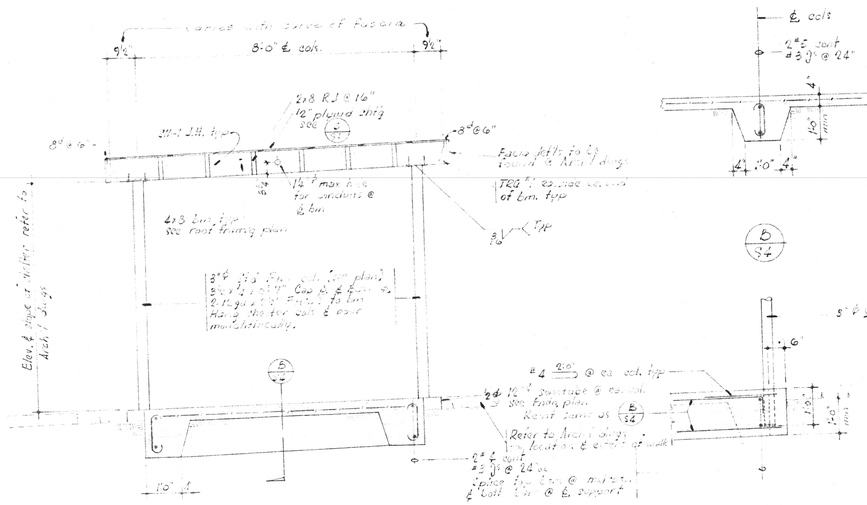
See note "Method of Preparing Site" on sheet S1

SHELTER FOUNDATION PLAN

Scale: 1/8" = 1'-0"
Refer to ℄ check with Arch'l dwgs for various stoops, steps, walks, dimensions not shown, etc.
FOC - Face of conc.
FOB - Face of brick

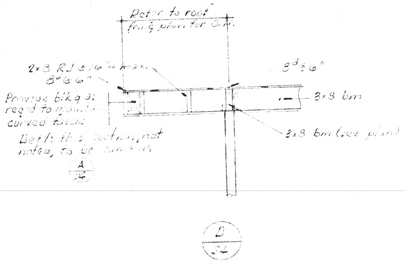
APPROVED: Lee B. Kline ARCHITECT ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE APPL. NO. DATE 7 1960 PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT	DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT MADISON AT EDEN WESTMINSTER, CALIFORNIA	HILLMAN & NOWELL STRUCTURAL ENGINEERS 818 W. 5th STREET MA 4-6720 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. S-2 OF 54


MATCH LINE
See plan this sheet for cont.
MATCH LINE
See plan this sheet for cont.
NORTH
2x8 R.J. @ 16" o.c. typ. roof
2x8 R.J. @ 16" o.c. typ. roof
Roof framing shall be same as that over adjacent area
Roof framing shall be same as that over adjacent area
Roof framing shall be same as that over adjacent area

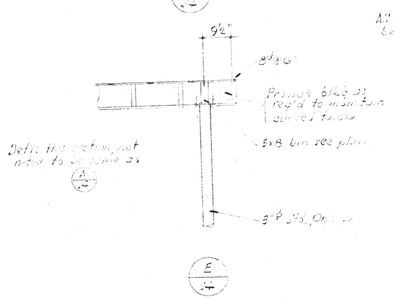


TYPICAL SHELTER CROSS-SECTION (A / S-4)

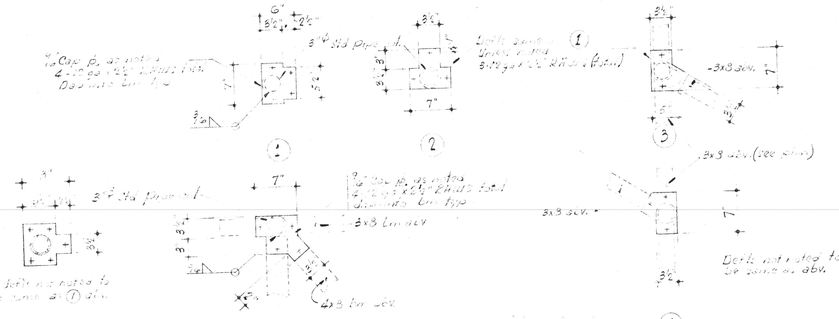
(B / S-4)



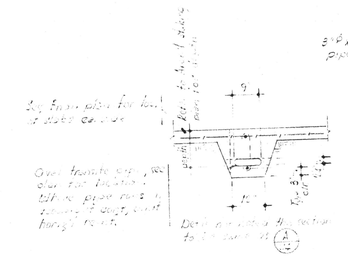
(C / S-4)



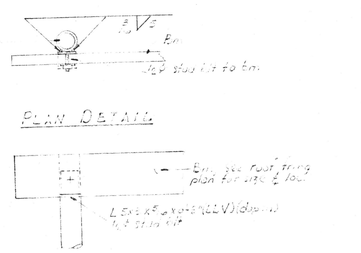
(E / S-4)

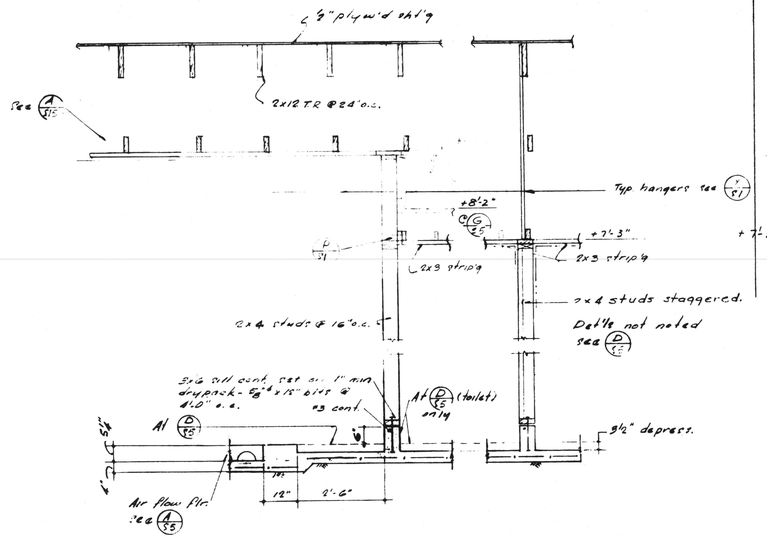


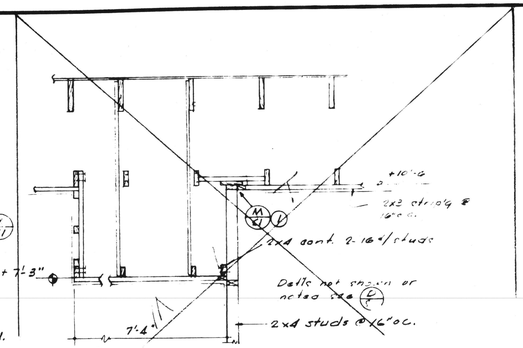
CAP PL. DETAILS @ SPECIAL COND. (F / S-4) 1"=1'-0"

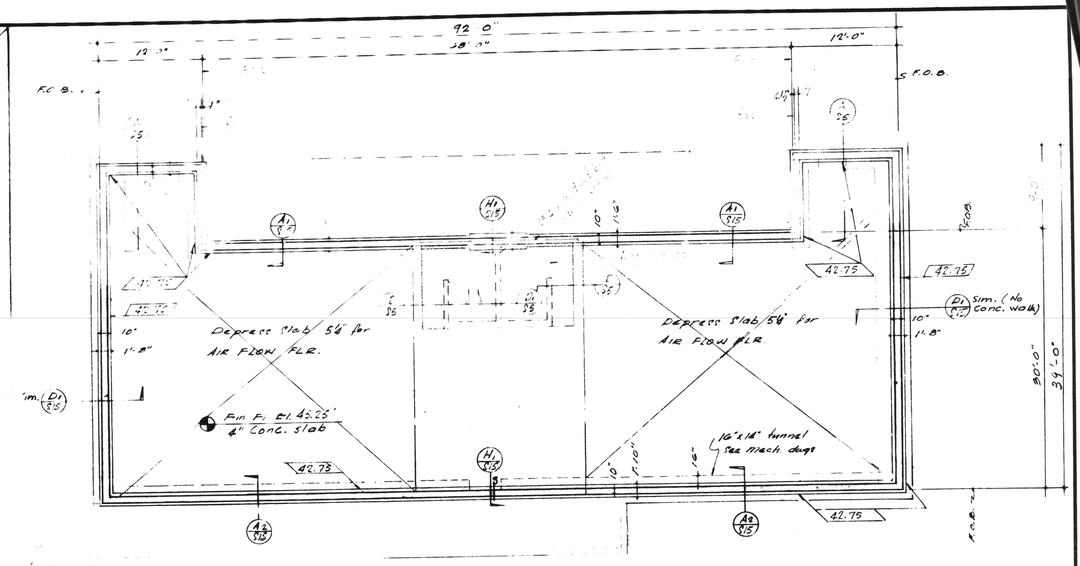


(J / S-4)


3/8" ø x 6" long pipe sch.
Fill w/ sand
#2 stirrup typ.
#2 stirrup to be 1'-0" from top of pipe
#2 stirrup to be 1'-0" from bottom of pipe
#2 stirrup to be 1'-0" from bottom of pipe
#2 stirrup to be 1'-0" from top of pipe



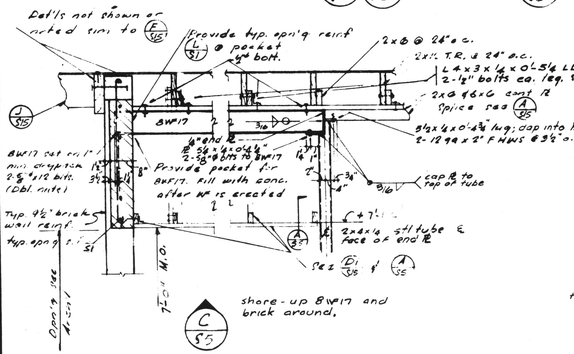


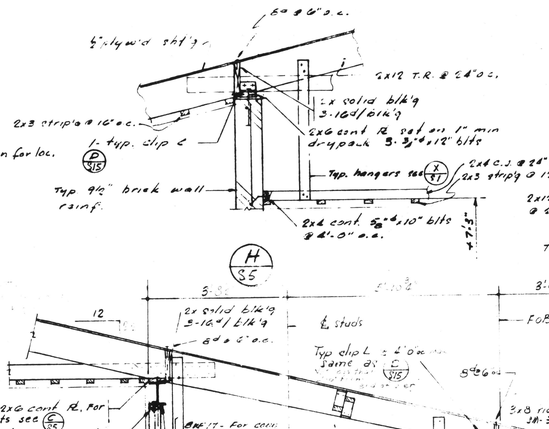


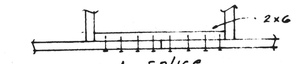
KINDERGARTEN FOUNDATION PLAN

Scale: ⅛"=1'-0"

NOTE: Refer to & check Arch'l dwgs for various floor slopes, curbs, steps, walks, drains, & etc. All slabs on soil to be reinf. with 6x6/10x10 W.W.F @ mid-depth of slabs unless otherwise shown.







KINDERGARTEN ROOF FRAMING PLAN

Scale ⅛"=1'-0"

Refer to and check with Arch'l dwgs for various roof slopes, gutters, vents, saddles, and dimensions not shown.

Scale: ½"=1'-0" unless otherwise noted

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HILLMAN & NOWELL STRUCTURAL ENGINEERS, 816 W. 5th STREET MA 4-0748, LOS ANGELES 17, CALIFORNIA

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

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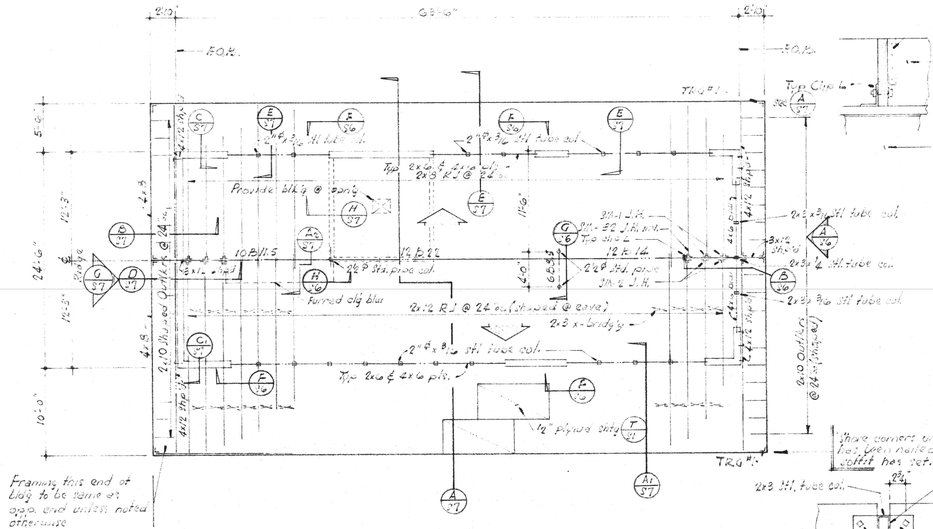
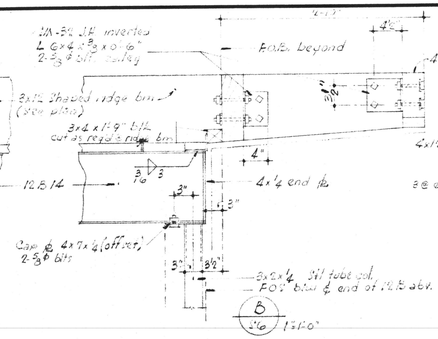


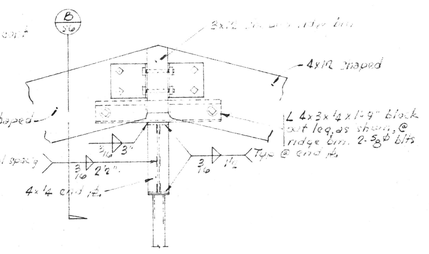
ROOF FRAMING PLAN UNIT A1

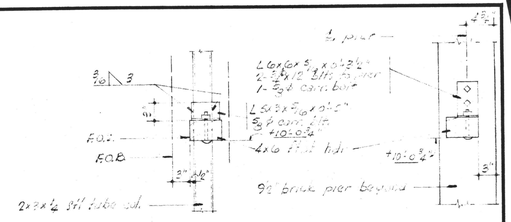
Scale 1/8" = 1'-0"

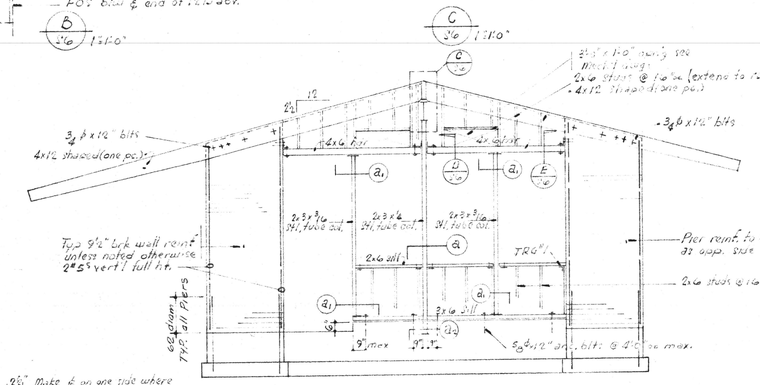
Refer to & check with Archt'l dwgs for various roof slopes, saddles, drains, gutters, vents, dimensions not shown, etc..

F.O.B. - Face of brick.

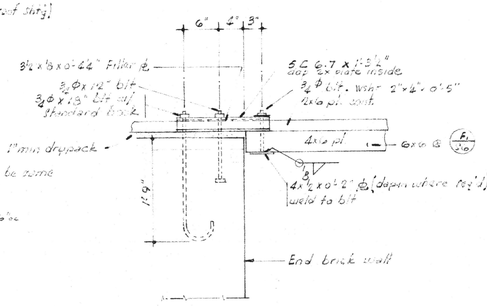




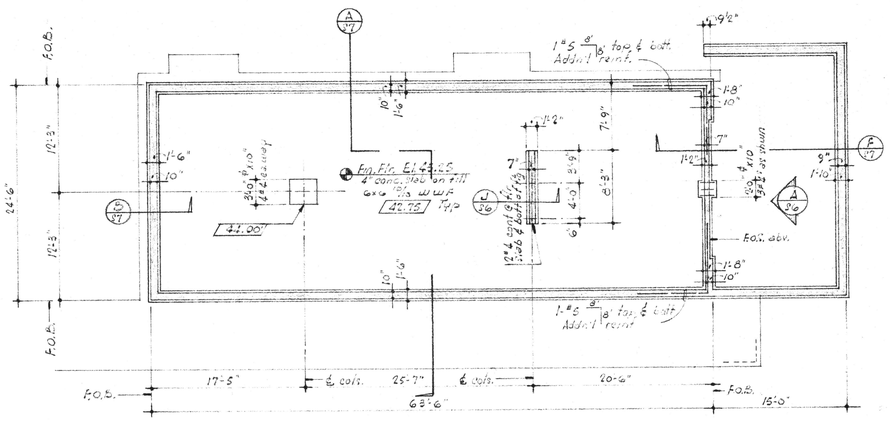




EAST WALL ELEVATION A 3/16" = 1'-0"



F 3/16" F 3/16" TYP. BEAM CONN. TO END OF WALL 1 1/2"=1'-0"



FOUNDATION PLAN UNIT A1

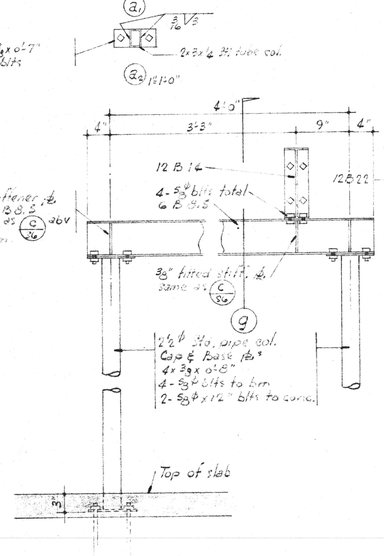
See note "Method of Preparing Site" on sheet S1

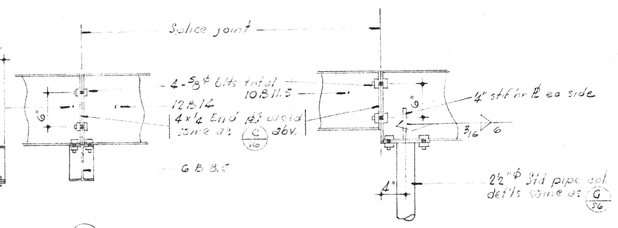
Scale 1/8"=1'-0"

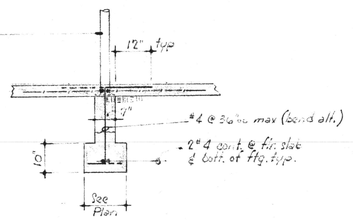
Refer to & check with Archt'l dwgs for various floor slopes, dropped slabs, steps, walls, curbs, dimensions not shown, etc.

F.O.B. - Face of brick

F.O.S. - Face of studs







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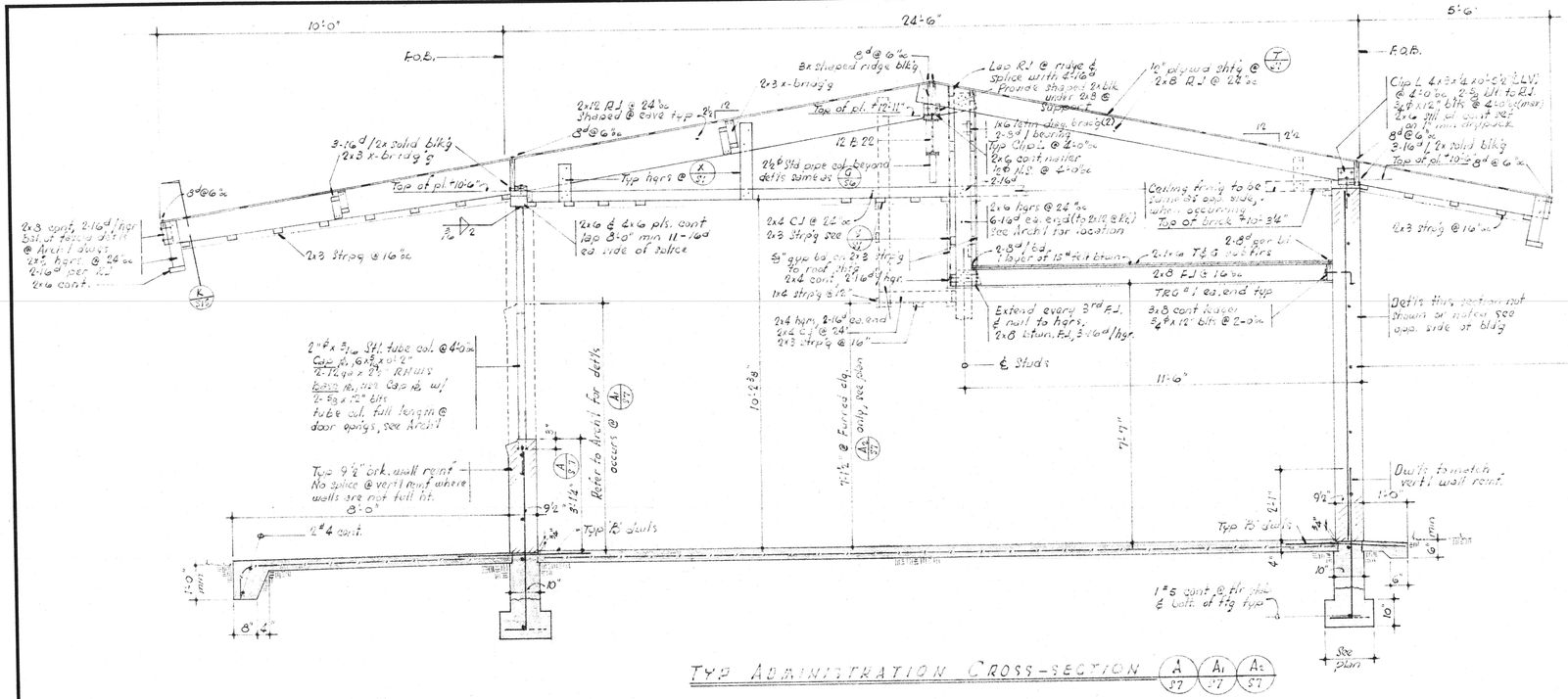
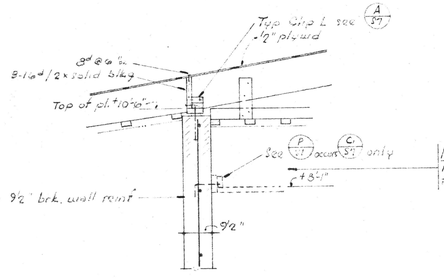
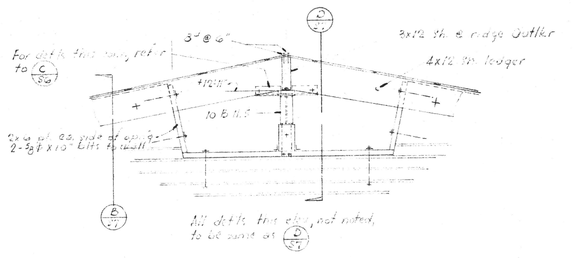
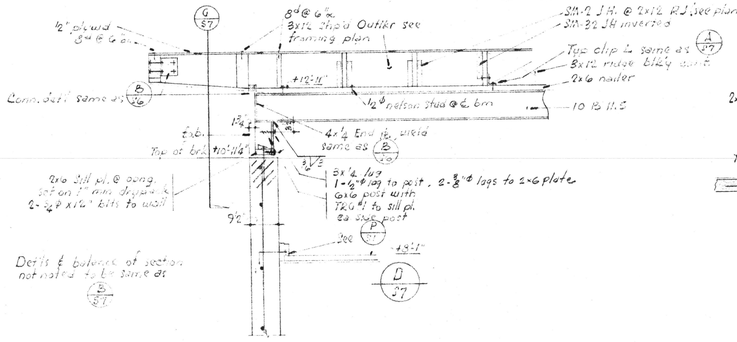
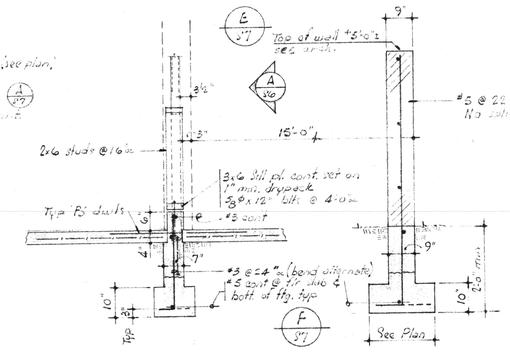


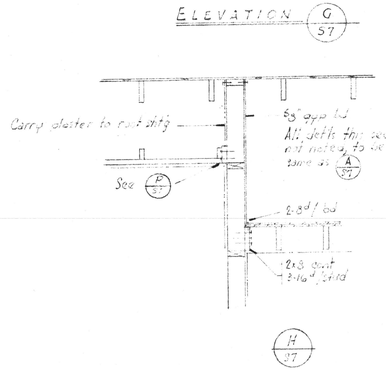
TYP. ADMINISTRATION CROSS-SECTION — A S7 / A1 S7 / A2 S7











H S7

Scale: ½"=1'-0" Unless Otherwise 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 _____

DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT
MADISON AT EDEN — WESTMINSTER, CALIFORNIA

HILLMAN & NOWELL STRUCTURAL ENGINEERS 815 W. 3RD STREET LOS ANGELES 7, CALIFORNIA

LEE B. KLINE, ARCHITECT, A.I.A.
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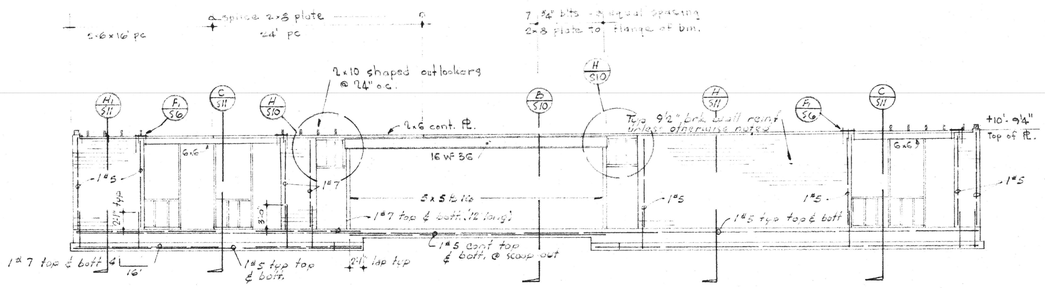
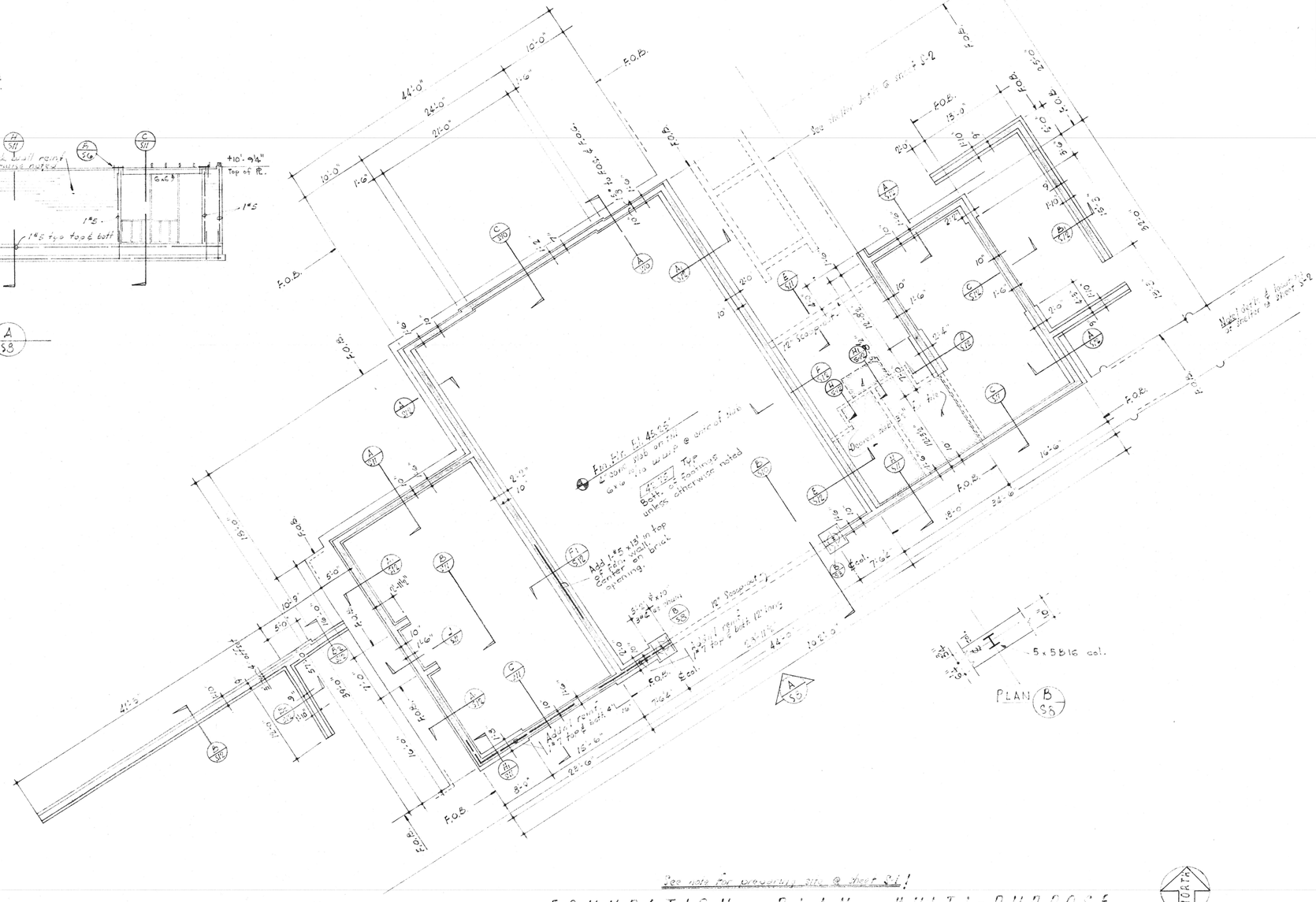
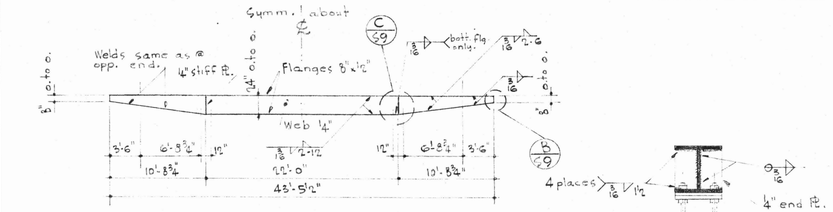
DRAWING NO. S-7
OF 27



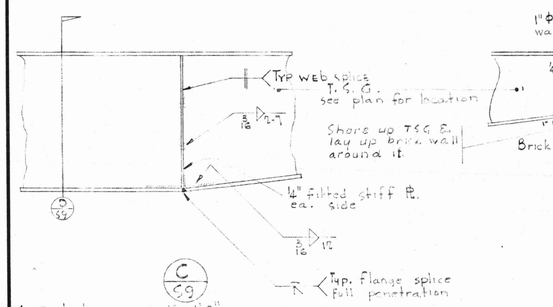
SOUTH WALL ELEVATION (A/S8)

3/8"=1'-0"

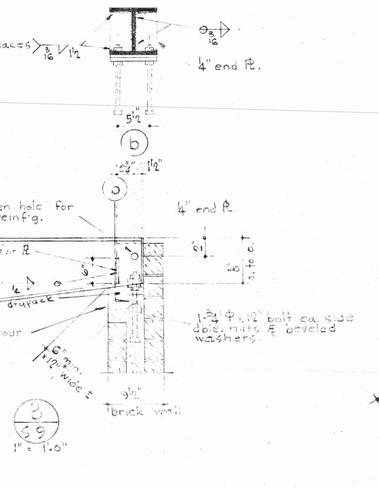

F.O.B.
F.O.C.
44'-0"
24'-0"
21'-0"
10'-0"
1'-6"
Typ. Fdn. F1 45.5#
4'-0" Typ. Depth of footings unless otherwise noted
Add 1#5 x 1'-3" lg. for fdn. wall @ corner of bldg.
Add 1#5 x 1'-3" lg. for fdn. wall @ opening on brick
12" Recessed
5'-0" #4@12" typ.
Add 1#5 x 1'-3" lg. for fdn. wall @ corner of bldg.
Add 1#5 x 1'-3" lg. for fdn. wall @ opening on brick
Add 1#5 x 2'-0" lg. top & bott @ 4'-0" o.c.
Add 1#5 x 1'-3" lg. for fdn. wall @ opening on brick
Add 1#5 x 1'-3" lg. for fdn. wall @ corner of bldg



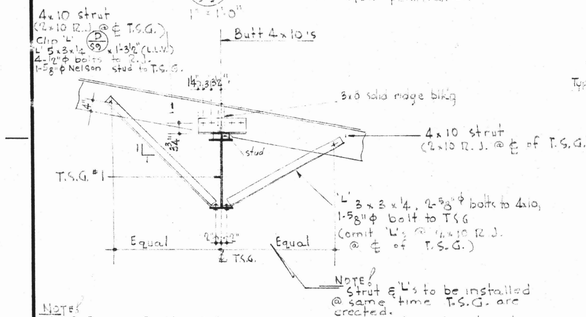
A/S9 TAPERED STEEL GIRDER 18'-1.0"



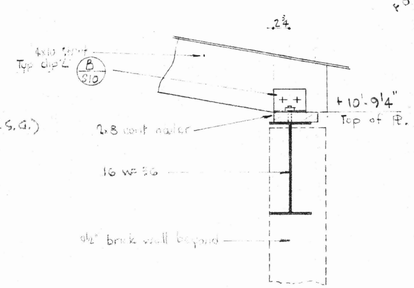
C/S9 1" = 1'-0"



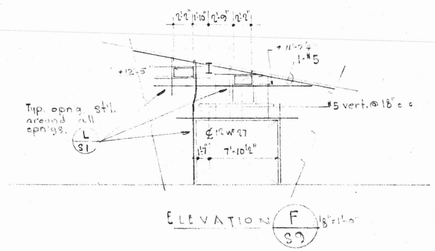
B/S9 1" = 1'-0"



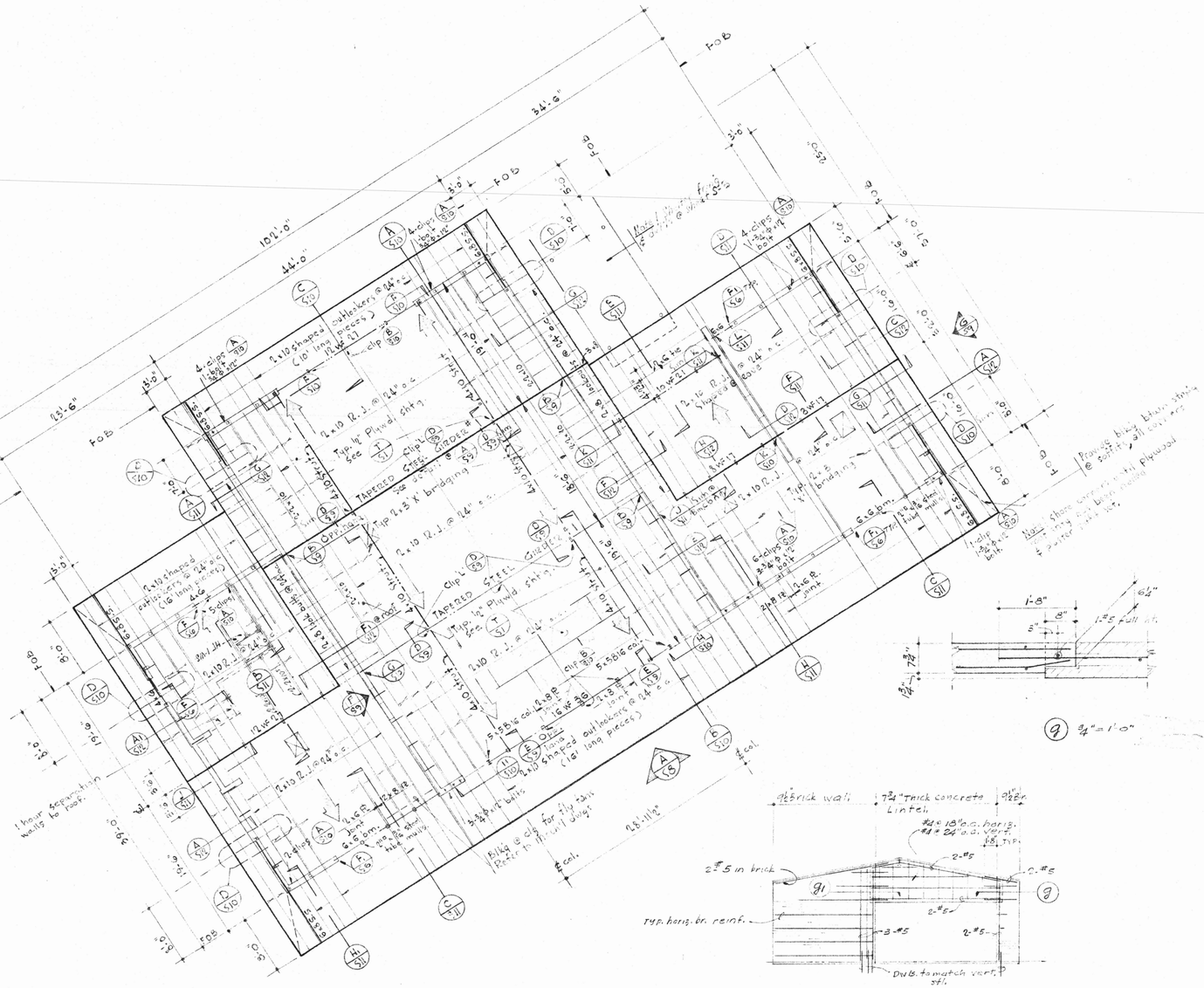
TYP. ERECTION BRACE @ 4x10 STRUTS 1/2"=1'-0" D/S9



4x10 STRUT TO 16WF36 1"=1'-0" E/S9



ELEVATION F/S9 1/8"=1'-0"


FOB
34'-6"
10'1'-0"
44'-0"
13'-6"
4-clips A/S10 to 16WF26 purlins
2x10 shaped cutbackers @ 24" o.c. (16' long pieces)
2x10 R.J. @ 24" o.c.
Typ. 1/2" Plywd sht'g
Clip 'L' D/S9
TAPERED STEEL GIRDER A/S9
Typ. 2x3 X bridging
Clip 'L' B/S9
5-5/8ϕ bolts col. 12 WF 36
16 WF 36
4-clips A/S10 to 16WF26 purlins
2x10 shaped cutbackers @ 24" o.c. (16' long pieces)
Bldg. ℄ clg. for 1'-2" Rise to typical purlin
℄ col.
1 hour separation walls to roof.
Provide bldg. paper strips 6" behind, all corners
Note: Shore corners with 4 poster type sets.
1-clip 1/2ϕ bolt
4-clips A/S10 to 16WF26 purlins
2x10 R.J. @ 24" o.c.
Typ. 1/2" Plywd sht'g
2x3 bridging
6-clips A/S10 to 16WF26 purlins
2x10 R.J. @ 24" o.c.
Typ. 1/2" Plywd sht'g
2x3 bridging
6'-0" o.c.
Note: 1 clip to each purlin @ 6'-0" o.c.
Typ. 1/2" Plywd sht'g
2x3 bridging
2x10 R.J. @ 24

℄ 12WF27 & 9½" brick wall beyond

2x6 cont. ft. on 12WF27 Clip 'L' spans as @ 6'-0" o.c.

Strut sim (P/S7) 2-¾" bolts to R.J. Locate @ ⅓ pts of use

12WF27

Provide ℄ of Metal lath

½" carr. bolt @ 4'-0" o.c.

2x4 cont. 2-16d / stud

15⅝" to F.O.B.

1½"

2x6 studs @ 16" o.c. — to be installed after dead load on WF in place

MEMBERS Etc. NOT NOTED SAME AS (A/S10)

3x6 cont. ft. on 1" min. drypack 5/8"Φ x 12" bolt @ 4'-0" o.c.

Typ. 4" slope

#3 cont.

#4 @ 36" o.c. alt. bends

(C/S10)

2 # 4 cont

#3 cont. top & bott. #3 @ 18" o.c.

#2 spacers, ea. end

3 # 4 bars

3'-2" ℄

4x10 Strut Detail to be same as (E/S9)

(B/S10)

At R.J. where Clip 'L' does not occur use Pc. ½" plywd. Scab 12" lg. 4-8d ea. end

Butt R.J.

+17'-7¼" Top T.S.G.

2x10 R.J. @ 24" o.c.

3x10 Strut w blk's Clip 'L' (A/S10) @ 4'-0" o.c. 4"x3½"x⅜" (L.L.V.) 2-¾"Φ bolts @ 9½" cntrs. in 5" leg 1-⅝"Φ Nelson stud 3" leg 2x6 cont. nailer

Typ ½" Plywd. strtg. (T/S1)

End of 2x10 R.J. see roof plan

+14'-7" F.O.B

2x8 cont for splice see (E/S10)

10'-5" Outlkrs.

Clip 'L' (A/S10)

2x6 cont. ft. on 1" min. drypack. Clip 'L' 4"x3½"x⅜"x0'-5½" @ 4'-0" o.c. (L.L.V.) 2-¾"Φ bolts to R.J. 1-¾"Φ x 12" bolt to wall.

3-16d Typ.

2x cont. blkg. 3-16d / blk.

Typ. 2x8 X bridging

+15'-5¾" Top of F.B.

T.R.G.#1 @ 2'-0" Typ. all eaves

2x4 hanger 2-16d / outlooker

2x10 shaped outlookers @ 24" o.c. (10' long)

Typ. hanger see (X/S1)

2x6 C.J. @ 24" o.c.

+12'-10" b.o.f. strtg.

Typ. strtg. see (S/S1)

2x4 cont. ½"Φ x 8" bolt @ 6'-0" o.c.

5'-0"

Butt R.J.

+14'-2" Top T.S.G.

TAPERED STEEL GIRDER for spacing see plan For details see (A/S9)

Clip 'L' (A2/S10) @ 4'-0" o.c. 4"x3½"x⅜"x0'-5½" (L.L.V.) 2-⅝"Φ bolts @ 9½" cnts. in 5" leg 1-⅝"Φ Nelson stud in 3" leg 2x6 cont. nailer

2 x 4 C.J. @ 24" o.c.

Typ. strtg. see (S/S1)

End of 2x10 R.J. see roof plan

Clip 'L' (B/S10) @ 6'-0" o.c. max. See roof framing plan 'L' 4x3½x¼ x 0'-5½" (L.L.V.) 2-½"Φ bolts to R.J. 1-⅝"Φ Nelson stud to WF

2x10 shaped outlookers @ 24" o.c. (16' long)

End of outlookers

TYP. 3-16d

+10'-9¼" Top of F.B.

+10'-7¾" T. Bm.

3-16d/blk 2x8 F.B.

T.R.G.#2 @ 4'-0" Typ. @ all eaves

(F/S) (J/S) @ 2x8 cont. ½"Φ bolts @ 8'-0"± @ ea. flange stagg. @ 4'-0" @ 15⅜" x 5⅞" cont

16WF36 For location see plan. For conn. @ ends see (H/S10)

℄ T.S.G.

℄ T.S.G. & Ridge

5'-6¼"

P.O.B. (Typ.)

64

8'-6¼"

18'-11¾"

18'-6"

18'-4½"

5 x 5 B16 col. For location see plan. For Cap & Base Pl. see (H/S10)

MEMBERS Etc. NOT NOTED SAME AS (A/S10)

9½" Typ. 9½" brick wall reinf'g. #5 @ 24" o.c. each way @ ℄ wall

Dowels to match vert. wall reinf'g. TYP.

Fin. Flr. El. 45.25'

4" conc. slab TYP

Typ. ½" dwls.

2'-1"

1'-6"

10"

2#7 cont @ fin. flr. & bott. of ftg.

See Footing plan for size & bott. of ftg. elev.

CROSS SECTION @ MULTI-PURPOSE BLD'G (A/S10)

End of wall

Provide clip L within 2'-0" of End of Beam (2) 2 cont nailer

+10'-9¼" Top of WF

½"Φ x 8" bolt

2x8

⅜ fitted fitt'n's ℄ ea. side w/fit same as (B/S9)(b)

2x8 studs @ 16" o.c.

16WF36

Cap Pl. see below

Typ 9½ brk wall reinf, unless noted otherwise see (A/A3) elevation.

5 x 5 B16 col.

5"

6x8 Flat

+7'-5⅝"

'L' 4 x 3 x ⅜ x 0'-6" (L.L.V.) 1-⅝"Φ x 8" bolt to brick 2-½"Φ bolts to lintel

Typ 9½ brk wall reinf

Typ 9½ brk wall reinf

End of wall

2x6 cont nailer 4-⅝"Φ Nelson studs @ splicing

+15'-5¾" Top of Pl.

12 WF 27, Set on 1" min. drypack 2-¾"Φ x 16" anc. bolts (dbl. nuts)

Provide brick grout seat for bm. full thickness of wall. After bm. is erected flush up wall both sides with brick grout.

1'-2" x 6½"

(F/S10) 1"=1'-0"

6¼"

4½"

2x6 cont nailer

4-¾"Φ bolts total

12 WF 27

End Pl. 6½" x ¾" w'ld same as (E/S10)(b)

T.S.G. #1 deck sim. to (B/S9)

2-¾"Φ x 16" anc. bolts (dbl. nuts) in 1" drypack

4½"

9½" brk. wall

(G/S10) 1½"=1'-0"

Cap Pl. 5½ x ⅜ x 0'-10" 4-⅝" Φ bolts

8 spkgs

¼ 1½

7½"

5"

Weld same as Cap Pl.

Base Pl. 5½ x 1½ x 0'-7½" 2-⅝"Φ x 12" bolts dble. nuts.

6" min. brick grout bm. seat

Fin. Flr.

(H/S10) 1"=1'-0"

Shore up bm. & lay up brick wall around bm.

+13'-8" T. Pl.

℄ wall ℄ hole

Std. B-2 conn. ¾ bolts

8WF17

Drypack

2-¾ x 12 bolts dbl nuts

℄ splice

1'-0"

9½"

(K/S10) 1"=1'-0"

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

Pl. 9½ x 8'-10½" guide on side of splice

SPLICE of 2x8 cont. (E/S10)

(a) scale 1"=1'-0"

Fascia see archit.

6x8 Teco-Cal-type 1A jst. hanger (inverted)

S.M.1

2x8 x 16" min. see (E/S10)

2x10 outlookers @ 24" o.c. See plan for length

2x10 shaped Plan 4½" to 6" to 2x10

T.R.G.#1

6x8 col. str.

9½" brick wall below

2x6 cont. ft. on 1" min. drypack

2 x 8 blk. 'L' 6x3½x ⅜ x 0'-3" 1-½"Φ bolt ea. leg 3/4 x 6"o.c. plywd to blk

Typ. Clip see (A/S10)

4½"

¾"Φ x 16" bolt (corr-in to 6x8)

6x8 Teco-Cal-type 1A jst. hanger (inverted)

S.M.3 inverted

S.M.3

T.R.G.#1 ea Side

3x3½

2x10 R.J. @ 24" o.c.

¾"Φ sec. plywd to 3x8 cross wall to interior end

Typ. Clip see (A/S10) use ½" carr. bolts to 3x8

9½" brick wall below

2x6 cont. ft. on 1" min. drypack,

2x8 cont.

Fascia see archit.

See roof framing plan for dimension

(D/S10) PLAN of OVERHANG FRAMING @ CORNER

Scale: ½"=1'-0" unless otherwise noted

APPROVED: ARCHITECT ENGINEER

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE APPL. NO. 7 DATE PRINCIPAL STRUCTURAL ENGINEER

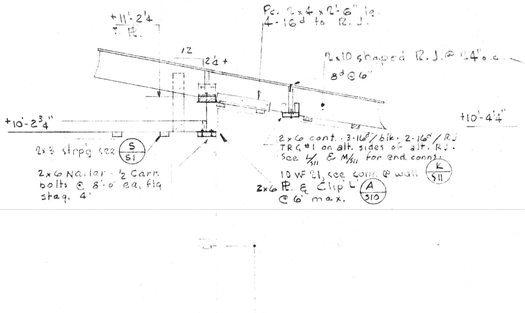
APPROVED: FOR THE DISTRICT

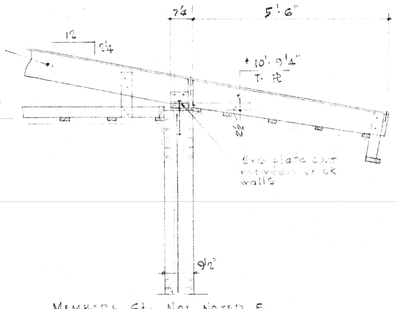
DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT
MADISON AT EDEN WESTMINSTER, CALIFORNIA

HILLMAN & NOWELL STRUCTURAL ENGINEERS
816 W. 5th ST. TEL. MA 6-5240
LOS ANGELES 17, CALIFORNIA

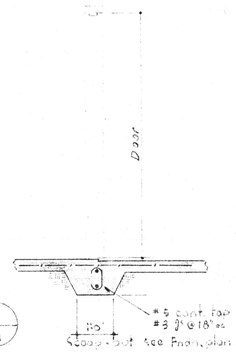
LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

DATE OF DRAWING
DRAWN BY
DRAWING NO. S10
OF 54



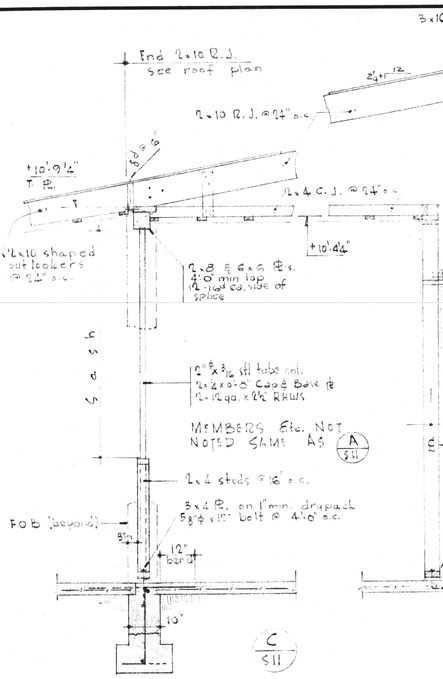


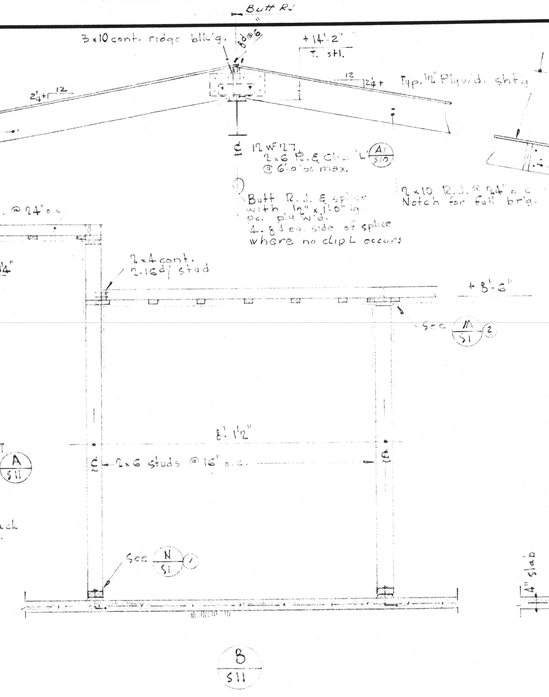
MEMBERS Etc. NOT NOTED & BOTTOM of WALL SIMILAR for A/S11

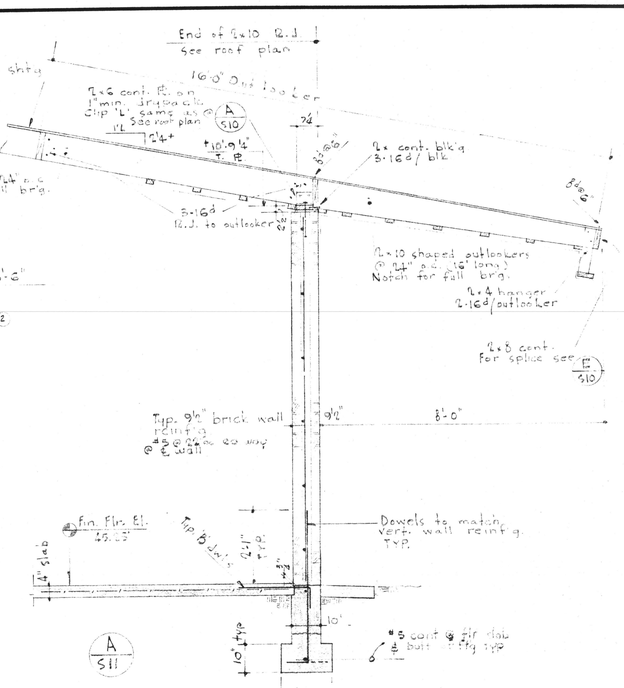


D/S11

E/S11

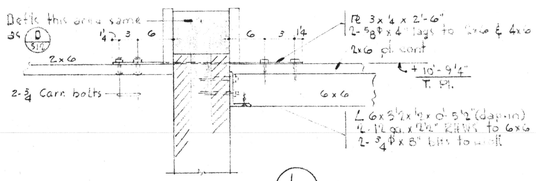




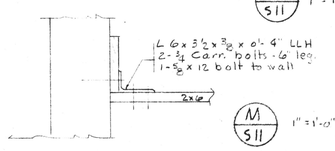


CROSS SECTION @ MULTI-PURPOSE BLDG

K/S11 1"=1'-0"



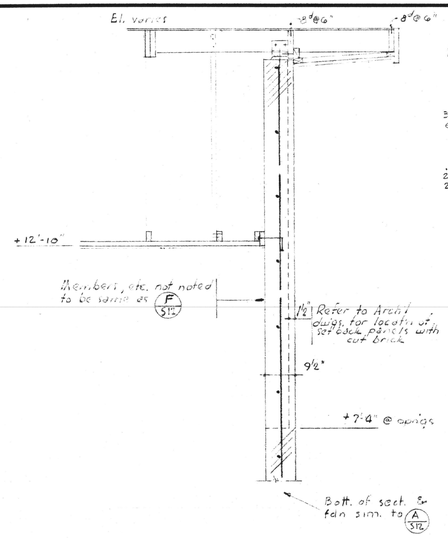
L/S11 1"=1'-0"



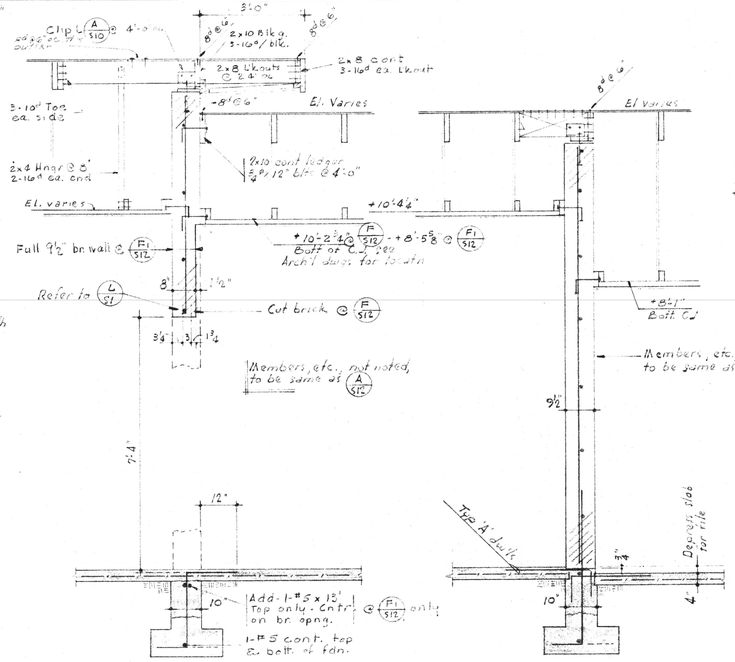
M/S11 1"=1'-0"

Scale: ½"=1'-0" Unless Otherwise 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	DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT — MADISON AT EGAN — WESTMINSTER, CALIFORNIA	HILLMAN & NOWELL STRUCTURAL ENGINEERS 816 W. 5th STREET MA 4-0780 LOS ANGELES 17, CALIFORNIA	LEE B. KLINE, ARCHITECT, A.I.A. 963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241	DATE OF DRAWING	DRAWING NO. S 11
						DRAWN BY	OF



G S12



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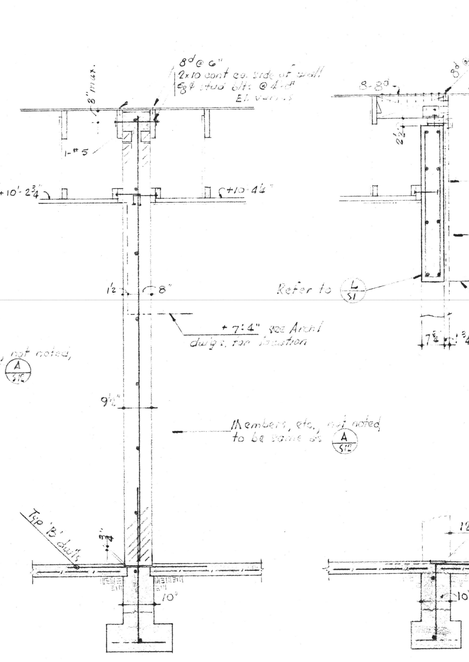
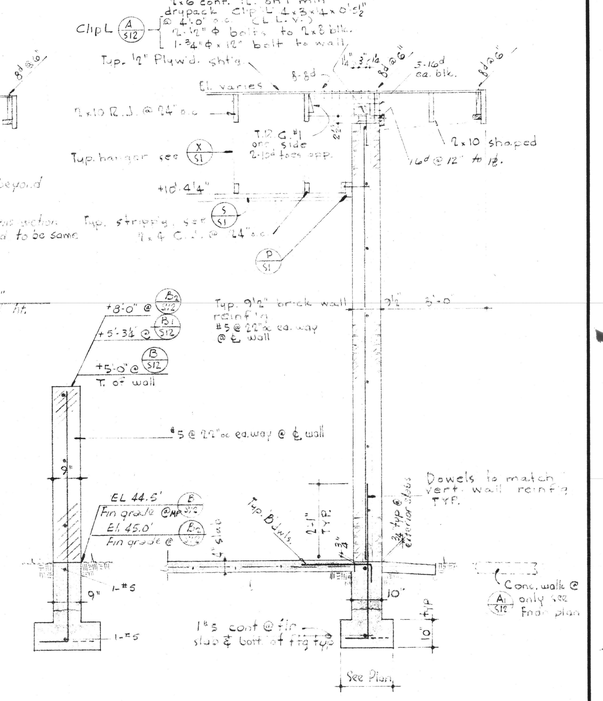


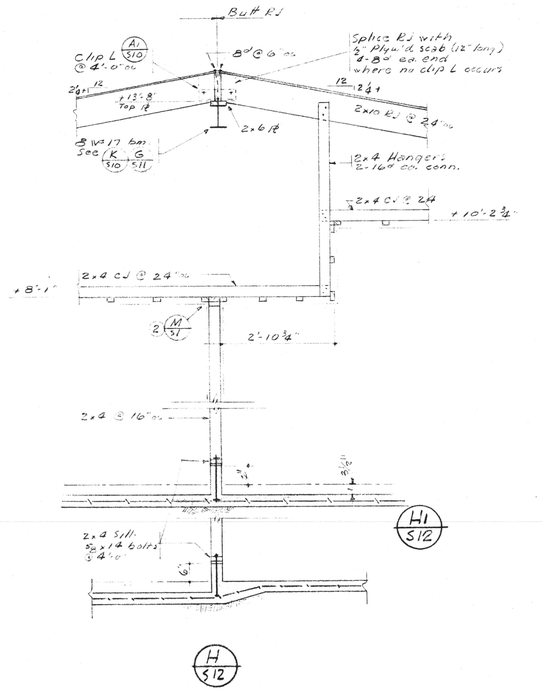
D S12

C S12



B B1 B2 S12

A A1 S12



H S12

Scale ½"=1'-0" Unless Otherwise Noted

APPROVED: ARCHITECT ENGINEER

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
APPL. NO. 7
DATE PRINCIPAL STRUCTURAL ENGINEER

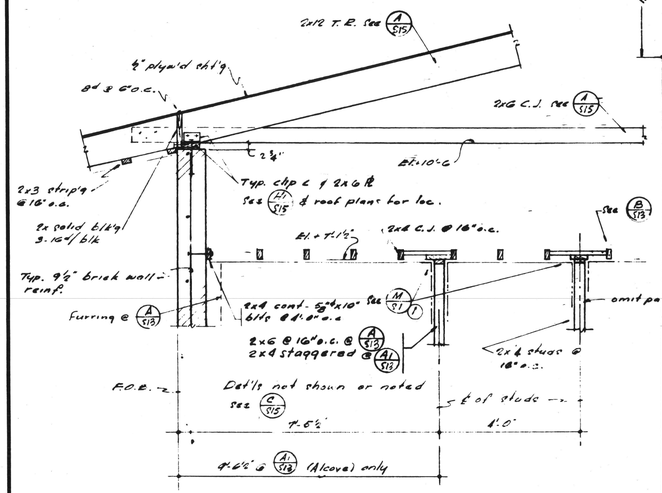
APPROVED: FOR THE DISTRICT

DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT
MADISON AT EDEN WESTMINSTER, CALIFORNIA

HILLMAN & NOWELL
STRUCTURAL ENGINEERS
LOS ANGELES 17, CALIFORNIA

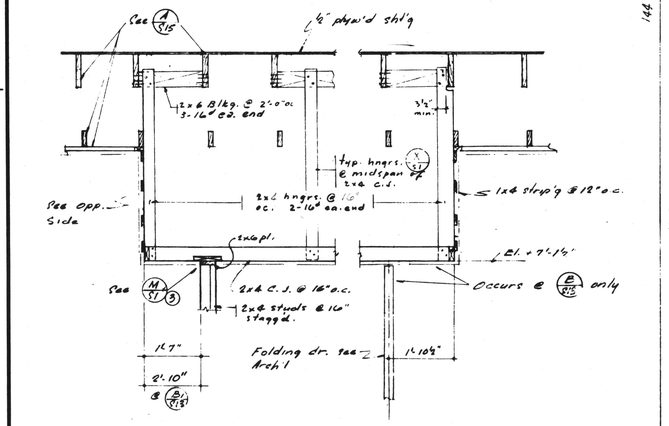
LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

DATE OF DRAWING
DRAWN BY
DRAWING NO. S12
OF (54)



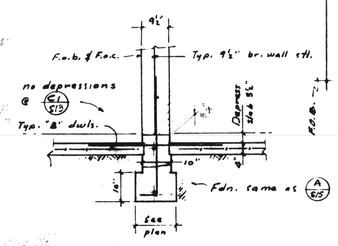
A/S13 A1/S13 Scale: ½"=1'-0"

C-4

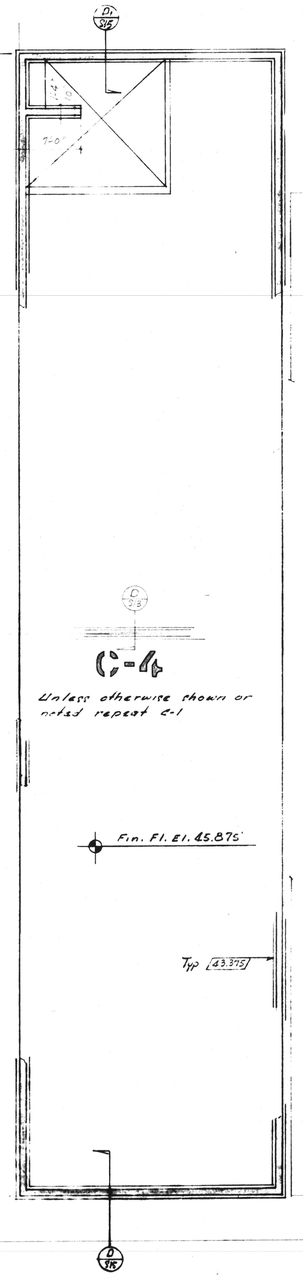


B/S13 B1/S13 Scale: ½"=1'-0"

C-4



C/S15 C1/S15 ½"=1'-0"



C-4

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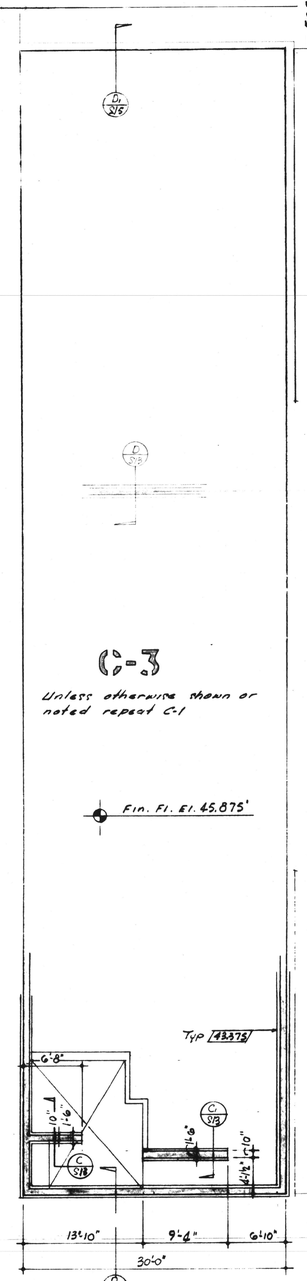

C-3

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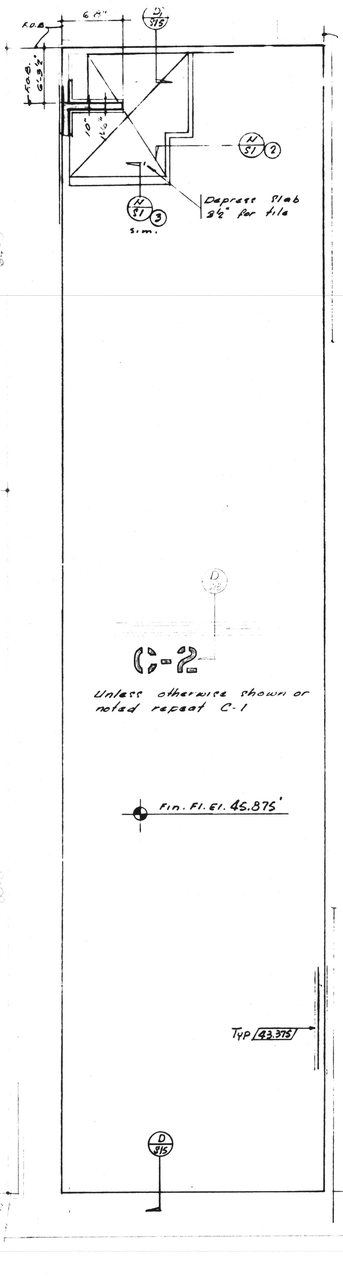

C-2

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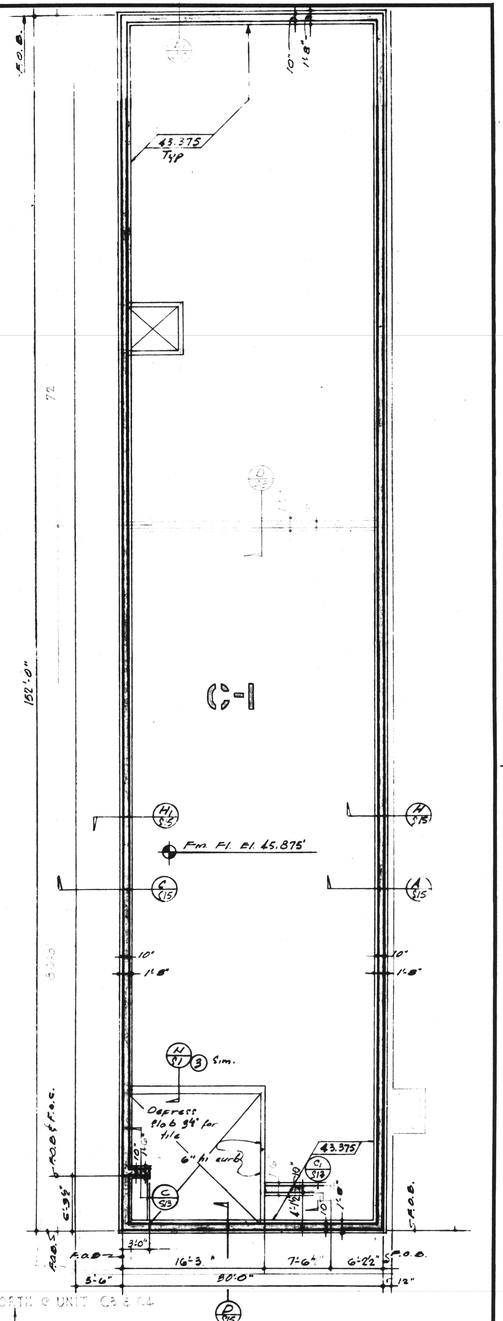


C-1

FOUNDATION PLAN

Scale: 6"=1'-0"

NORTH @ UNIT C3 & C4

Note: Refer to & check with Arch'l drngs for various floor slopes, curbs, steps, walks, drains, & etc. & dimensions not shown.
All slabs on soil to be reinf. with 6x6/10x10 W.W.F. @ mid-depth of slabs unless otherwise shown.

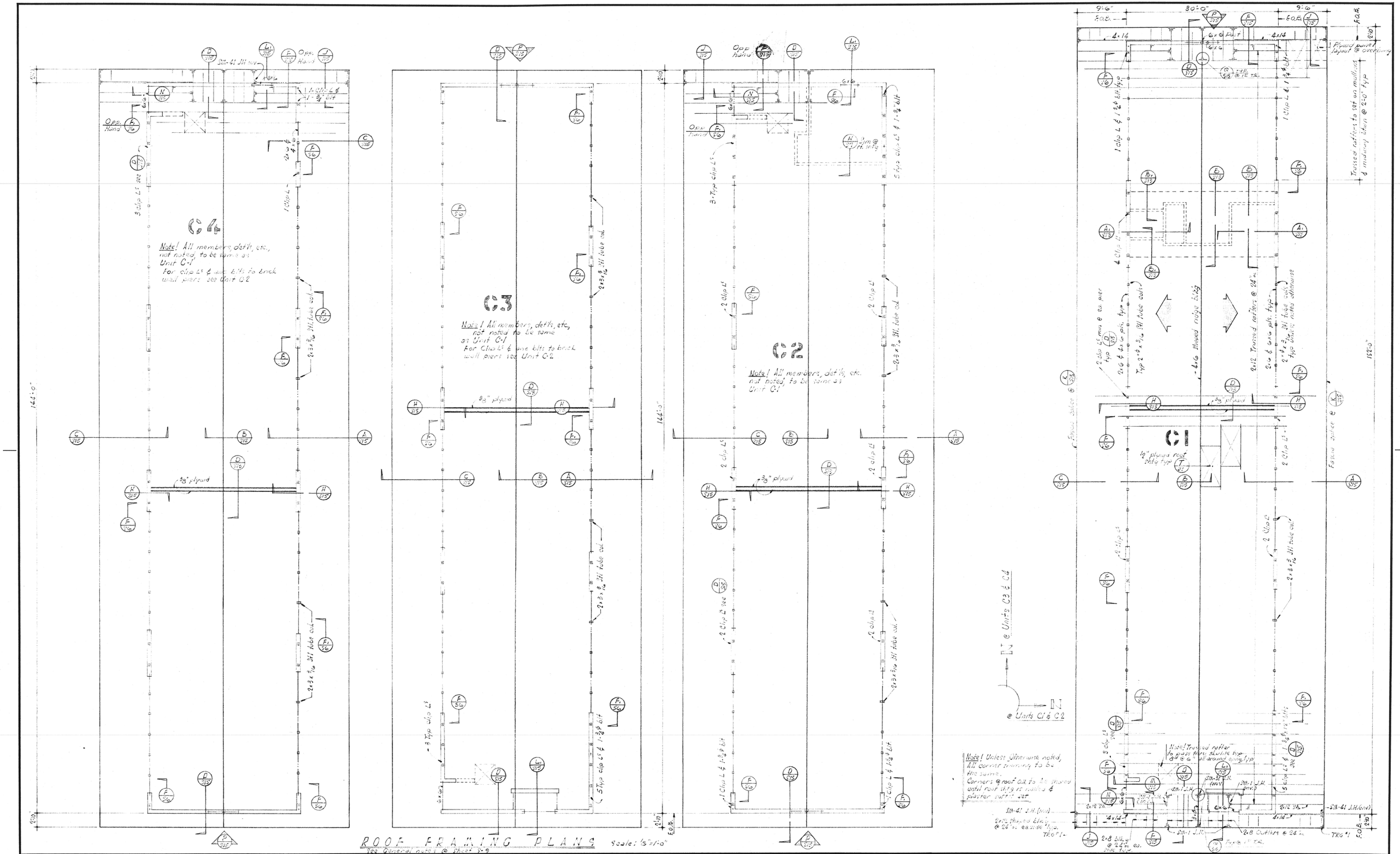
APPROVED:	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE	APPROVED: FOR THE DISTRICT
ARCHITECT	APPL. NO.	
ENGINEER	DATE PRINCIPAL STRUCTURAL ENGINEER	

DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT
MADISON AT EDEN 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

BK DATE OF DRAWING DRAWN BY DRAWING NO. S13 OF 67



ROOF FRAMING PLANS Scale: 1/8"=1'-0"
See General notes @ Sheet S-9

APPROVED:	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE	APPROVED: FOR THE DISTRICT	DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT MADISON AT KEEN WESTMINSTER, CALIFORNIA	HILLMAN & NOWELL STRUCTURAL ENGINEERS 815 W. 5th STREET LOS ANGELES 17, CALIFORNIA	LEE B. KLINE, ARCHITECT, A.I.A. 963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241	DATE OF DRAWING	DRAWING NO. S 14 OF (54)
ARCHITECT	APPL. NO. 7					DRAWN BY	
ENGINEER	DATE	PRINCIPAL STRUCTURAL ENGINEER					

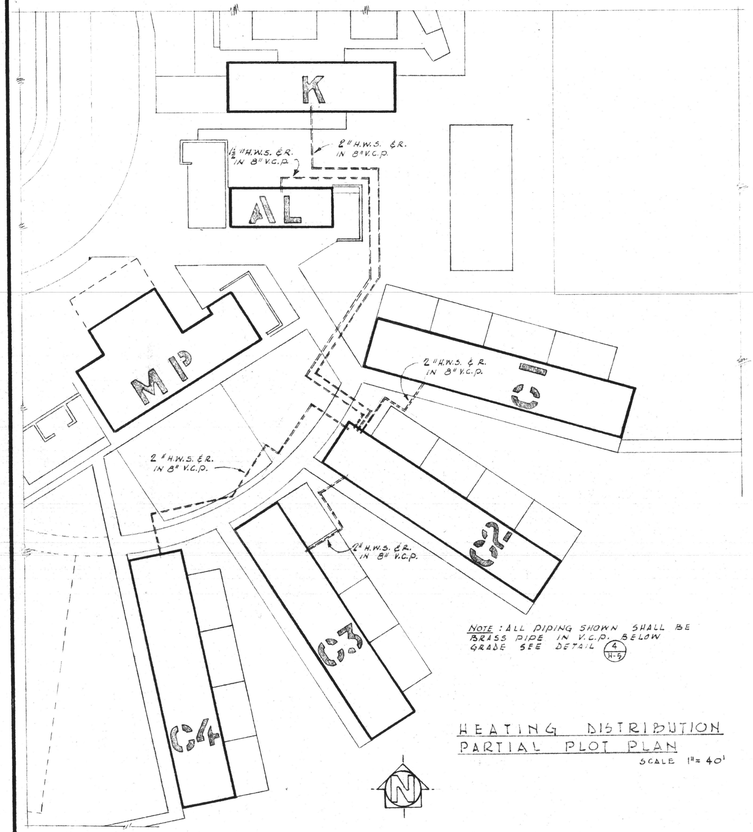
DRAG STRUT @ KINDERGARTEN

TYP. CAP & BASE R's FOR 2"x 3/16" MULLIONS

TYP CAP & BASE R's FOR 2x3"x 3/16 MULLIONS

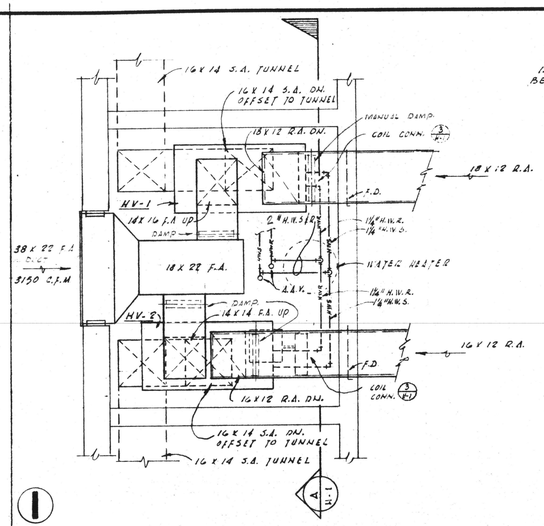
Unless otherwise noted Scale: 1"=1'-0"

APPROVED:	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE	APPROVED: FOR THE DISTRICT	DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT	HILLMAN & NOWELL STRUCTURAL ENGINEERS	LEE B. KLINE, ARCHITECT, A.I.A.	DATE OF DRAWING	DRAWING NO.
ARCHITECT	APPL. NO. 7		MADISON AT EDEN	816 W. 5th STREET MA 4-6748	963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241	DRAWN BY	S 15
ENGINEER	DATE PRINCIPAL STRUCTURAL ENGINEER		WESTMINSTER, CALIFORNIA	LOS ANGELES 17, CALIFORNIA			OF 54

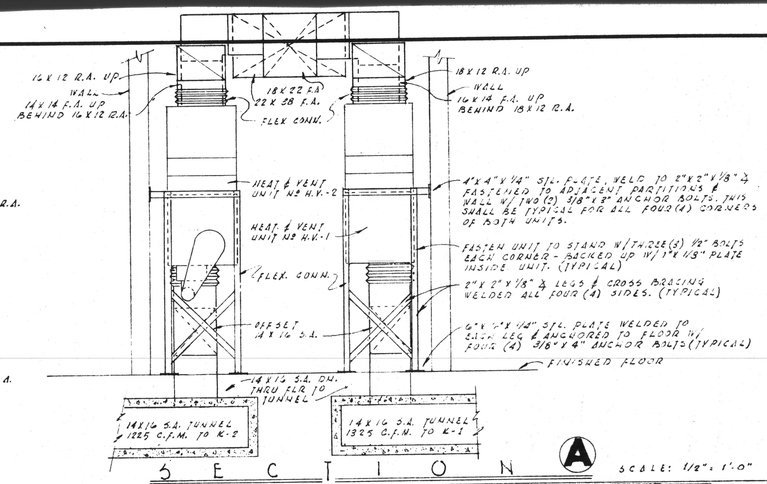


NOTE: ALL PIPING SHOWN SHALL BE BRASS PIPE IN V.C.P. BELOW GRADE SEE DETAIL (4/H-5)

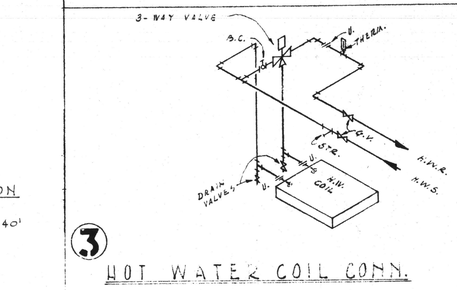
HEATING DISTRIBUTION
PARTIAL PLOT PLAN
SCALE 1"= 40'



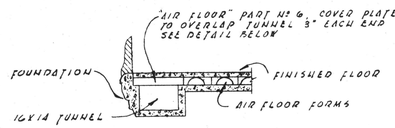
1 DETAIL - HTG. PLAN ROOM K-6
SCALE: 1/2" = 1'-0"



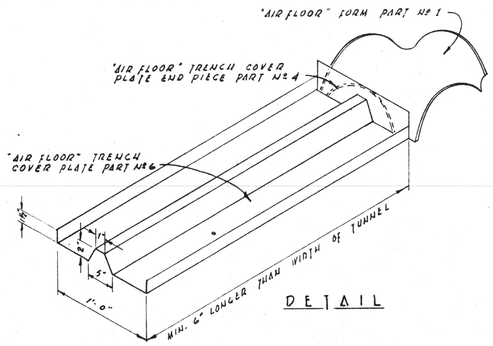
SECTION A
SCALE: 1/2" = 1'-0"



3 HOT WATER COIL CONN.

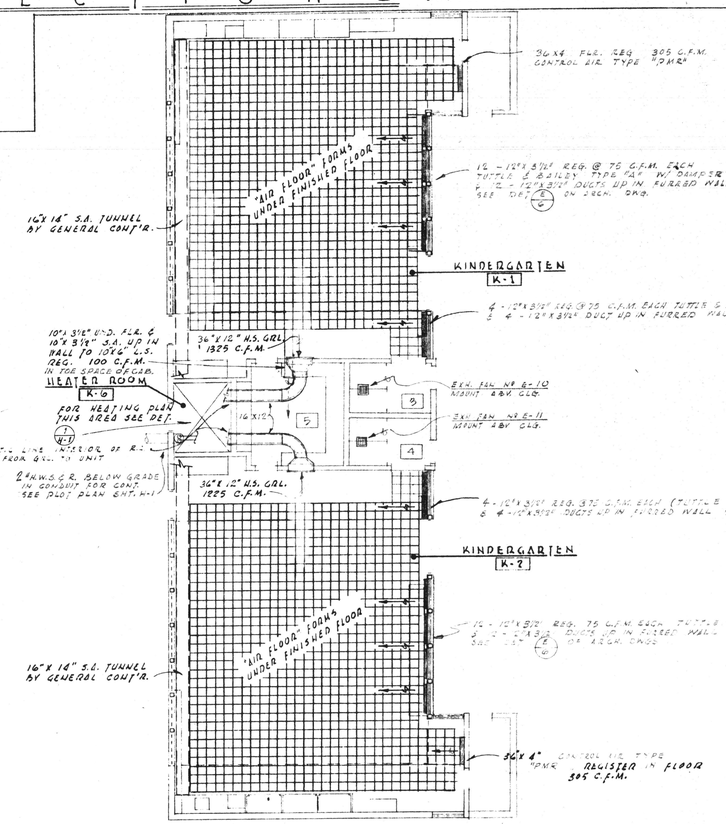


SECTION



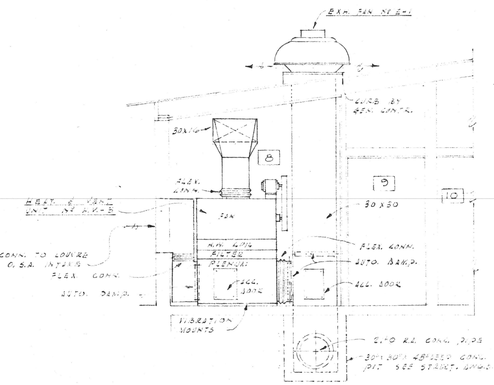
DETAIL

2 AIR FLOOR DETAILS
NOT TO SCALE



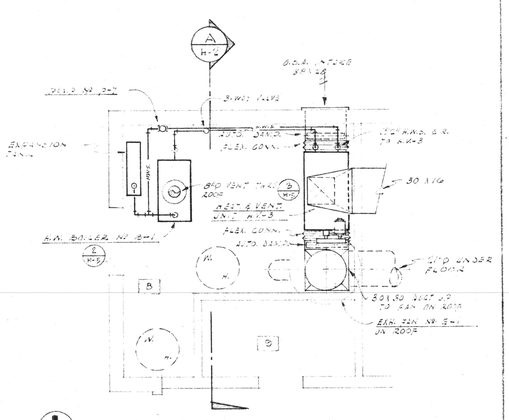
N HEATING PLAN KINDERGARTEN
SCALE: 1/8" = 1'-0"

APPROVED: ARCHITECT / ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE — APPL. NO. — DATE — PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT	DR. JESSIE HAYDEN SCHOOL — WESTMINSTER SCHOOL DISTRICT — MADISON AT EDEN — WESTMINSTER CALIFOR NIA	JOSEPH C. KUNIS MECHANICAL ENGINEER 3423 S. GARFIELD AVE. LOS ANGELES 15, 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 (11)



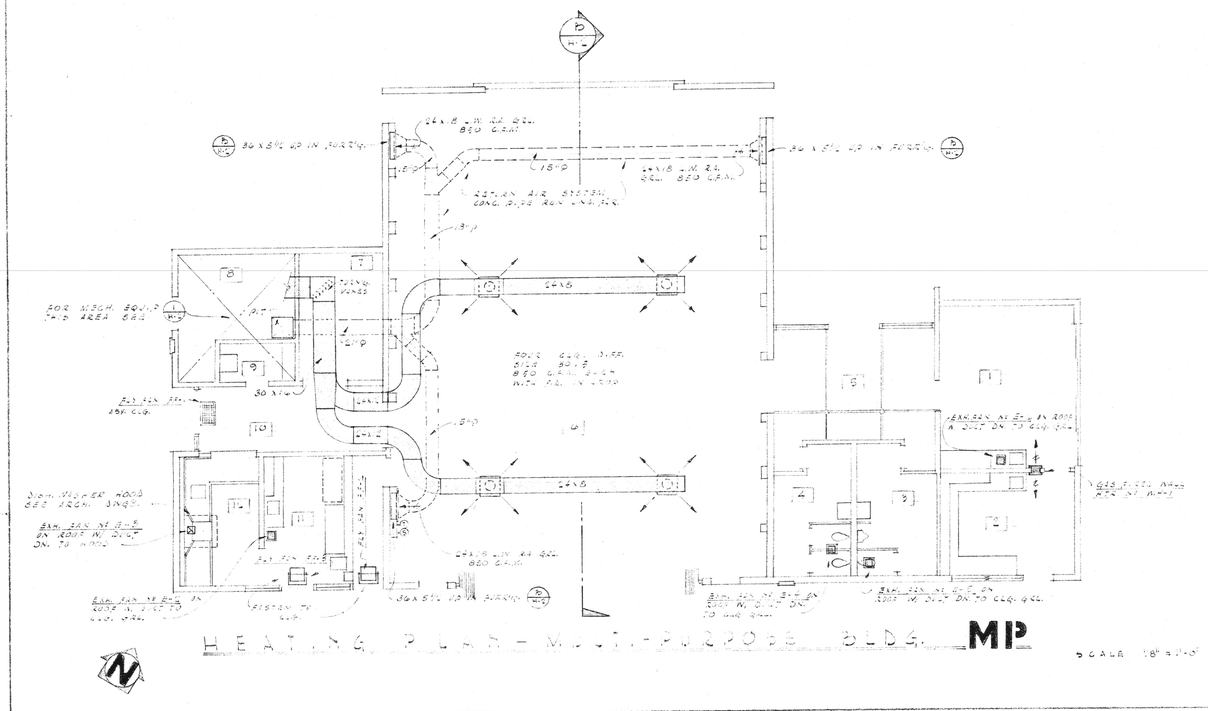
A SECTION

SCALE 1/4"=1'-0"



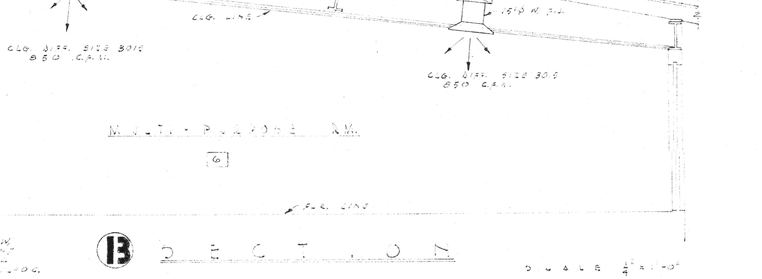
1 HEATER RM. PLAN

SCALE 1/4"=1'-0"



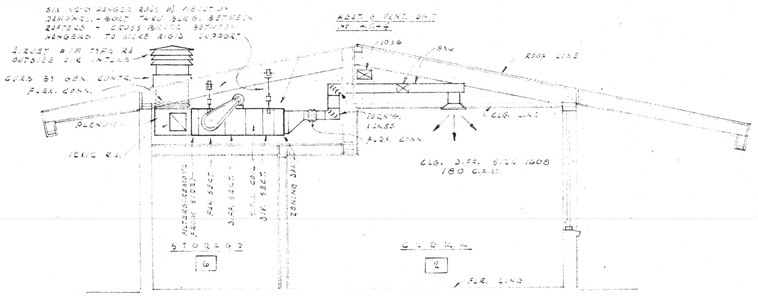
HEATING PLAN - MULTI-PURPOSE BLDG. MP

SCALE 1/8"=1'-0"



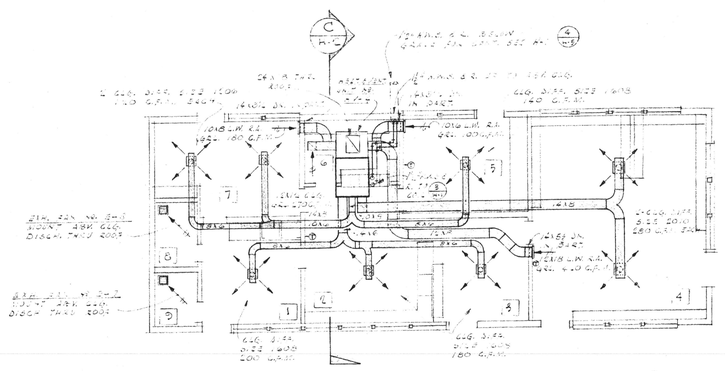
B SECTION

SCALE 1/4"=1'-0"



C SECTION

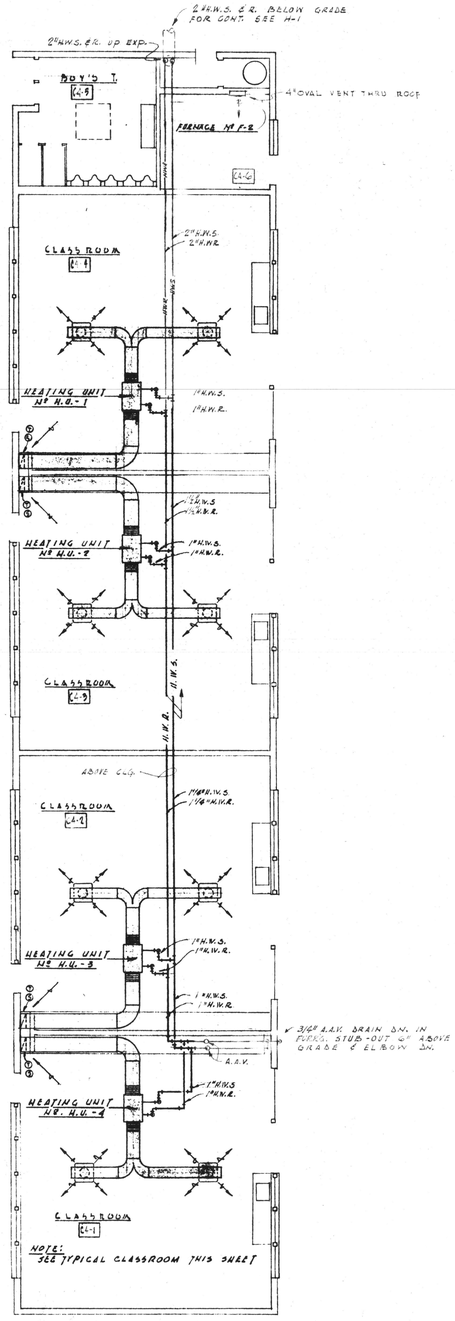
SCALE 1/4"=1'-0"



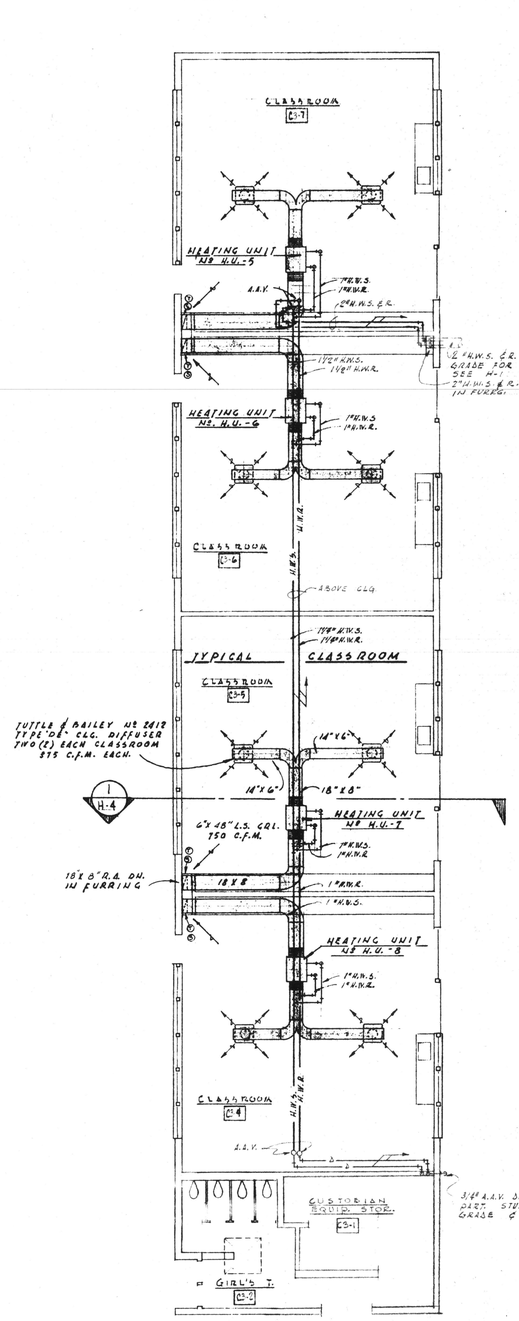
HEATING PLAN - M.P. BLDG. AL

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	DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT — MADISON AT EDEN — WESTMINSTER, CALIFORNIA	JOSEPH E. MICKIS — LOS ANGELES 13, 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-2 OF (54)



UNIT C-4



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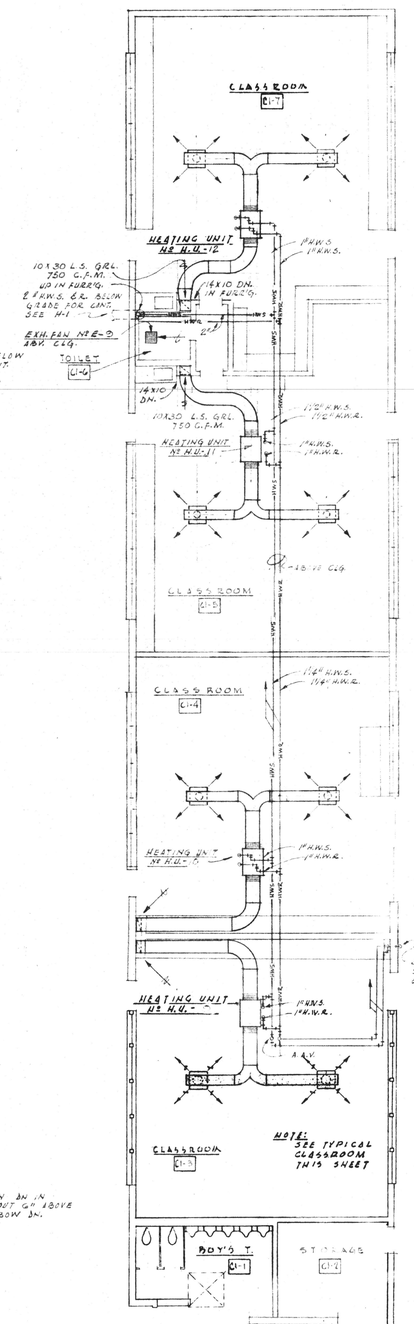

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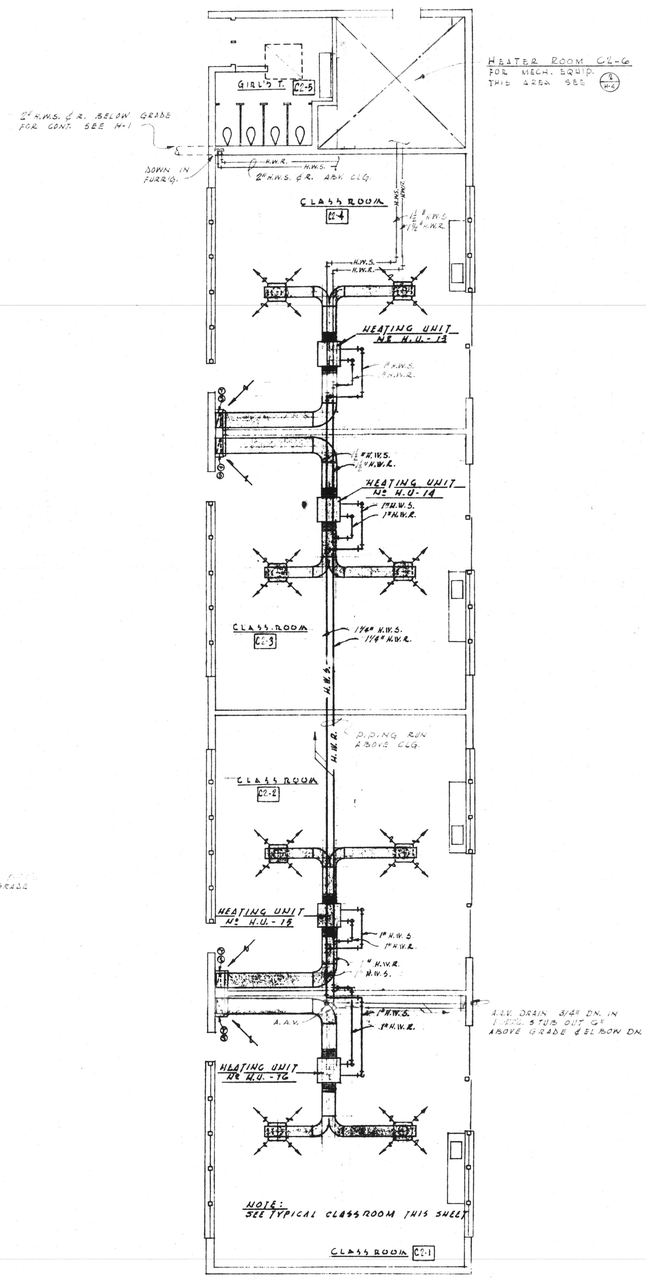
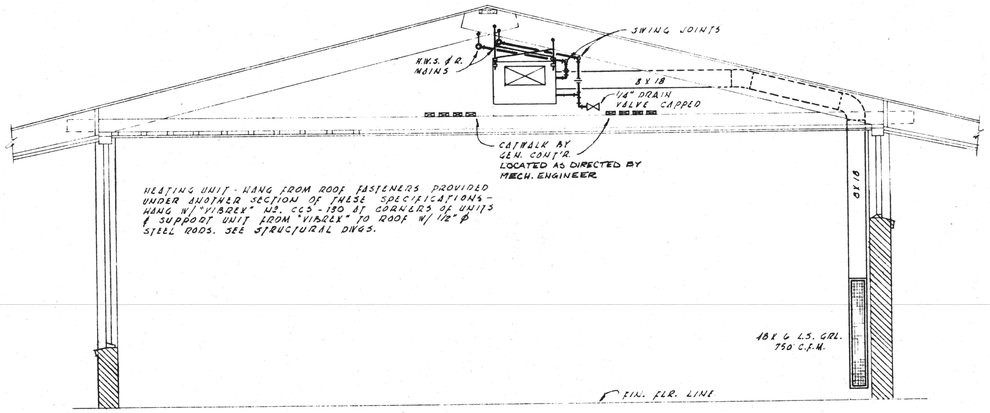


UNIT C-2

H E A T I N G P L A N S

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

APPROVED: ARCHITECT / ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE; APPL. NO. 6049; DATE; PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT	DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT; MADISON AT EDEN; WESTMINSTER, CALIFORNIA	JOSEPH E. KISKIS MECHANICAL ENGINEER 542 S. BROADWAY MA 4-9631 LOS ANGELES 13, 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 (11)



① TYPICAL SECTION HEATING UNITS 1 THRU 10 & 13 THRU 16

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

HEAT. & VENT UNIT SCHEDULE

NO.	MFG.	CAT. NO.	C.F.M.	G.P.M.	HOT WATER COIL TYPE	NO.	R.W.H.	MOTOR H.P.	V.	ø	~	FLAT FILTER	LOCATION
H.V.-1	AM. BLWR. CO.	IV12	1525	11.5	L.P.A.	U-2R	115	1/2	240	1	60	1-20 X 20	"K"
H.V.-2	DO.	IV12	1525	11.5	L.P.A.	U-2R	115	1/2	240	1	60	2-20 X 20	"K"
H.V.-3	DO.	IV15	3400	24	L.P.A.	U-2R	238	1	240	1	60	3-16 X 25	"AP"
H.V.-4	DO.	IV8 ③	1500	③	S.P.A.	U-2R	90	1/2	240	1	60	2-16 X 20	"AL"

HEATING UNIT SCHEDULE

NO.	MFG	CAT. NO.	C.F.M.	180° ENT. WATER & 20° T.D. BTU/HR.	180° ENT. WATER & 20° T.D. TEMP.	180° ENT. WATER & 20° T.D. G.P.M.	MOTOR H.P.	MOTOR V.	MOTOR ø	MOTOR ~
④	DRAYER-BENSON	HRC-184	750	64,300	159°F.	5	1/8	120	1	60

④ HU 1 THRU 16 - PROVIDE FILTER & RACK, FLEX. CONN. IN & OUTLET DUCT, HANGERS FROM ROOF RAFTERS

H.W. BOILER SCHEDULE

NO.	MFG	TYPE	CAT. NO.	B.T.U. INPUT	B.T.U. OUTPUT	FIRING	LOCATION
B-1	AJAX	WATER	WG 300	300,000	240,000	GAS	"AP"
B-2	AJAX	WATER	WG 1500	1500,000	1,200,000	GAS	"C-2"

FURNACE SCHEDULE

NO.	MFG.	CAT. NO.	BTU INPUT	B.T.U. OUTPUT	LOCATION
F-1	WILLIAMS	352-S	45,000	36,000	"AP"
F-2	WILLIAMS	282-S	25,000	17,500	"C-4"

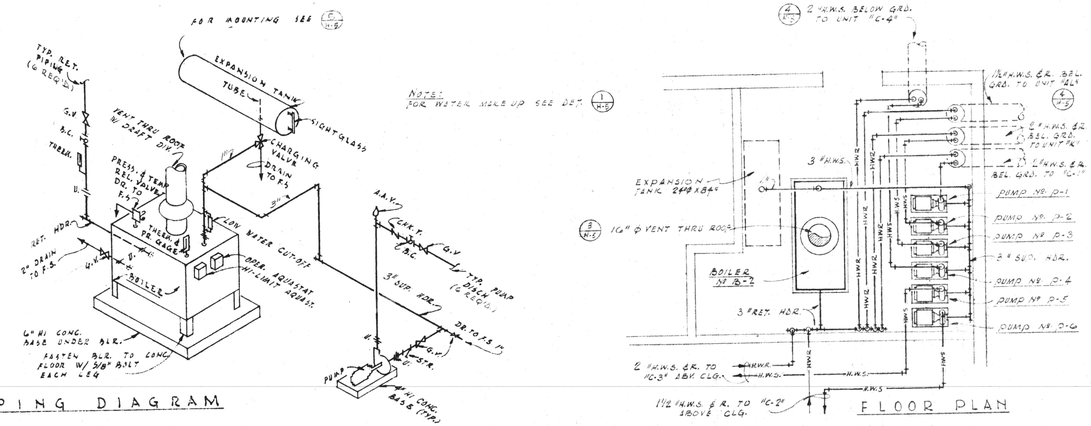
④ OVAL VENT THRU ROOF

PUMP SCHEDULE

NO.	MFG.	SIZE	CAPACITY	MOTOR H.P.	MOTOR V.	MOTOR ø	MOTOR ~	LOCATION	R.P.M.
P-1	BELL & GOSSETT	60-2	22 GPM @ 25' HD.	1/8	115	1	60	"C-2"	1750
P-2	DO	60-2	23 G.P.M. @ 25' HD.	1/8	115	1	60	"C-2"	1750
P-3	DO.	60-1	3 G.P.M. @ 15' HD.	1/4	115	1	60	"C-2"	1750
P-4	DO	60-2	26 G.P.M. @ 25' HD.	1/2	115	1	60	"C-2"	1750
P-5	DO	60-2	28 G.P.M. @ 25' HD.	1/3	115	1	60	"C-2"	1750
P-6	DO.	60-2	22 G.P.M. @ 25' HD.	1/3	115	1	60	"C-2"	1750
P-7	DO.	60-2	24 G.P.M. @ 25' HD.	1/3	115	1	60	"MP"	1750

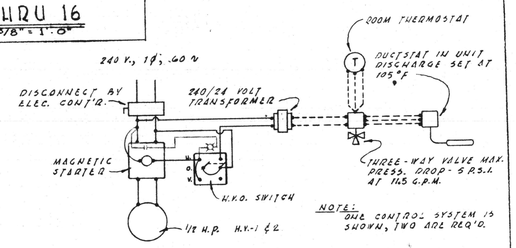
FAN SCHEDULE

NO.	MFG.	CAT. NO.	C.F.M.	MOTOR H.P.	MOTOR V.	MOTOR ø	MOTOR ~	LOCATION
E-1	JENN	80 CK	2650	1/2	240	1	60	"AP"
E-2	PRYNE	224	700	38 WATT	120	1	60	"AP"
E-3	ILG	PEVL-24	900	1/15	120	1	60	"AP"
E-4	PRYNE	206	300	38 WATT	120	1	60	"AP"
E-5	PRYNE	206	300	38 WATT	120	1	60	"AP"
E-6	PRYNE	206	300	38 WATT	120	1	60	"AP"
E-7 ⑤	PRYNE	206	300	38 WATT	120	1	60	"AL" & "C-1" & "K"
EF-1	ILG	MUF 0898	4250	1/2	240	1	60	"MP"
EF-2 ⑤	ILG	UA-205	3550	1/20	120	1	60	"AP"

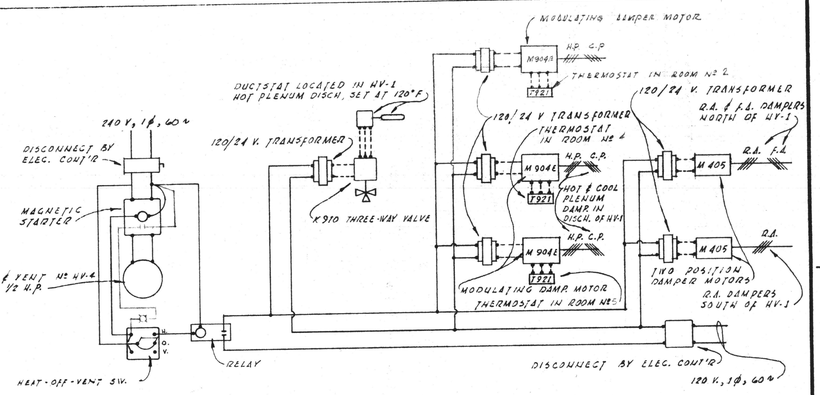


② HEATER ROOM C2-6 CLASS ROOM UNIT C-2

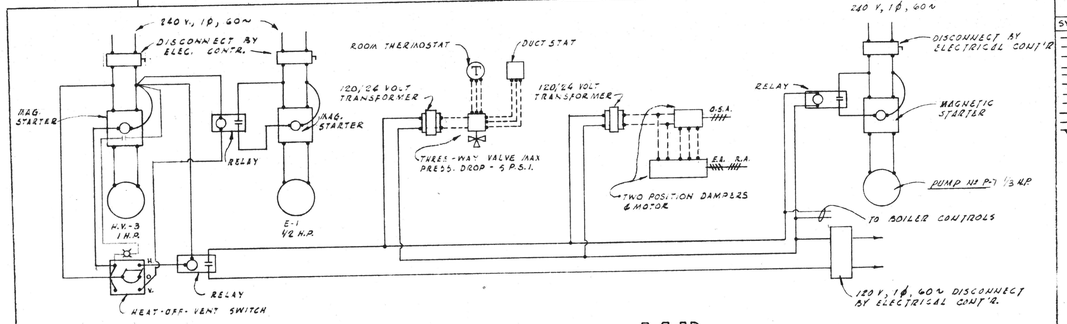
SCALE 1/4" = 1'-0"



③ CONTROL DIAGRAM UNIT K



④ CONTROL DIAGRAM UNIT AL



⑤ CONTROL DIAGRAM UNIT MP

HEATING SYMBOLS

SYMBOL	ABBRV.	DESCRIPTION
	G.V.	GATE VALVE
	STR.	STRAINER
	U.	UNION
THERM.	THERM.	THERMOMETER
B.C.	B.C.	BALANCING COCK
C.V.	CHK. V.	CHECK VALVE
A.A.V.	A.A.V.	AUTO. AIR VENT
D	DR.	DRAIN
H.W.S.	H.W.S.	HOT WATER SUPPLY
H.W.R.	H.W.R.	HOT WATER RETURN
		PITCH LINE DOWN IN DIRECTION OF ARROW
T-STAT	T-STAT	THERMOSTAT
H.V.O.	H.V.O.	HEAT-VENT-OFF SWITCH
SW.	SW.	SWITCH
F.D.	F.D.	FLOOR DRAIN
HDR.	HDR.	HEADER
SUP.	SUP.	SUPPLY
RET.	RET.	RETURN
CLG.	CLG.	CEILING
FLR.	FLR.	FLOOR
DN.	DN.	DOWN
UND.	UND.	UNDER
GRL.	GRL.	GRILLE
REQ.	REQ.	REQUIRED
DIFF.	DIFF.	DIFFUSER
F.D.	F.D.	FIRE DAMPER
EXH.	EXH.	EXHAUST
S.A.	S.A.	SUPPLY AIR
F.A.	F.A.	FRESH AIR
O.S.A.	O.S.A.	OUT SIDE AIR
R.A.	R.A.	RETURN AIR
COMB.	COMB.	COMBUSTION
L.S.	L.S.	LOW SIDE WALL
L.W.	L.W.	LOW WALL
H.S.	H.S.	HIGH SIDEWALL
G.A.	G.A.	GAUGE
GALV.	GALV.	GALVANIZED IRON
AUTO.	AUTO.	AUTOMATIC
G.C.	G.C.	GENERAL CONTRACTOR
W.I.	W.I.	WITH
V.C.P.	V.C.P.	VITRIFIED CLAY PIPE

GENERAL NOTES:

1. ALL R.A. GRL. SHALL BE TUTTLE & BAILEY TYPE T-70D
2. ALL S.A. H.S. REG. SHALL BE TUTTLE & BAILEY TYPE "DES" W-TH NO & VOLUME DAMPER & "TH" GRID
3. ALL CLG. DIFF. SHALL TUTTLE & BAILEY TYPE "DES" W-TH NO & VOLUME DAMPER & "TH" GRID
4. HTG. CONTR. SHALL FURNISH & INSTALL FIRE DAMPER (F.D.) WHERE SHOWN ON DWGS OR AS REQ'D. BY AUTHORITIES HAVING JURISDICTION
5. ALL FINAL GAS & WATER CONN. TO BOILERS & FURNACE SHALL BE BY THE HTG. CONTR.

APPROVED: _____ ARCHITECT _____ ENGINEER

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

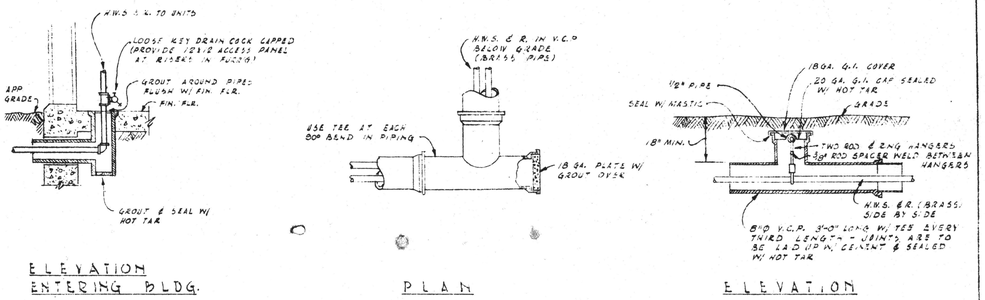
APPROVED: FOR THE DISTRICT _____

DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT
EDISON AT EDEN — WESTMINSTER CALIFORNIA

JOSEPH E. KICKIG MECHANICAL ENGINEER 3625 S. BARRINGTON LOS ANGELES 49, CALIFORNIA

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

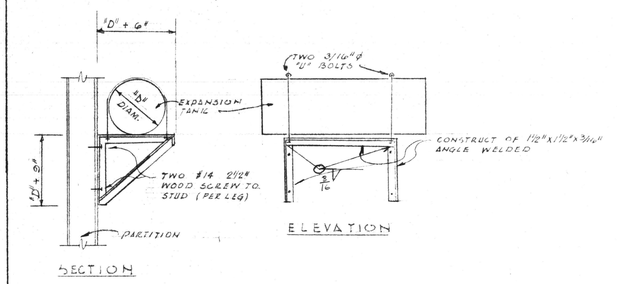
DATE OF DRAWING
DRAWN BY
DRAWING NO. H-4 OF 20



ELEVATION ENTERING BLDG. PLAN ELEVATION

4 H.W.S. & H.W.R. PIPING BELOW GRADE

NO SCALE



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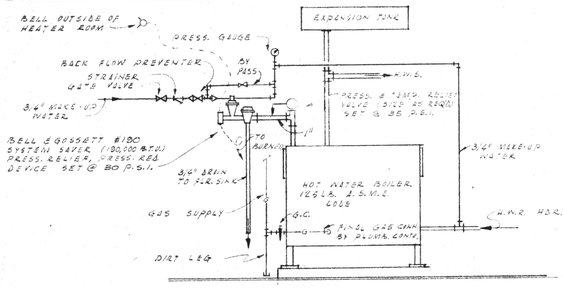
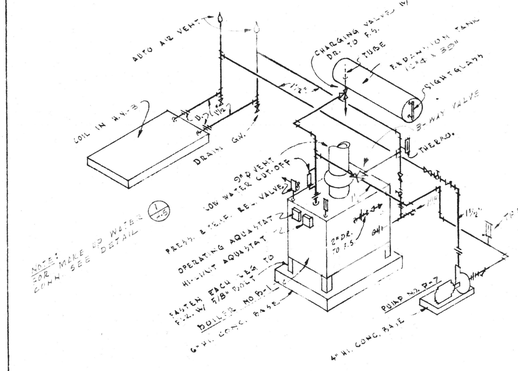
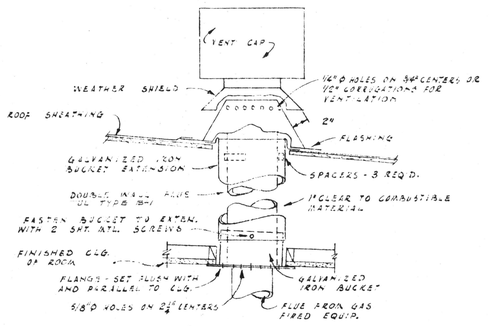


H.W. BOILER WATER MAKE-UP

1



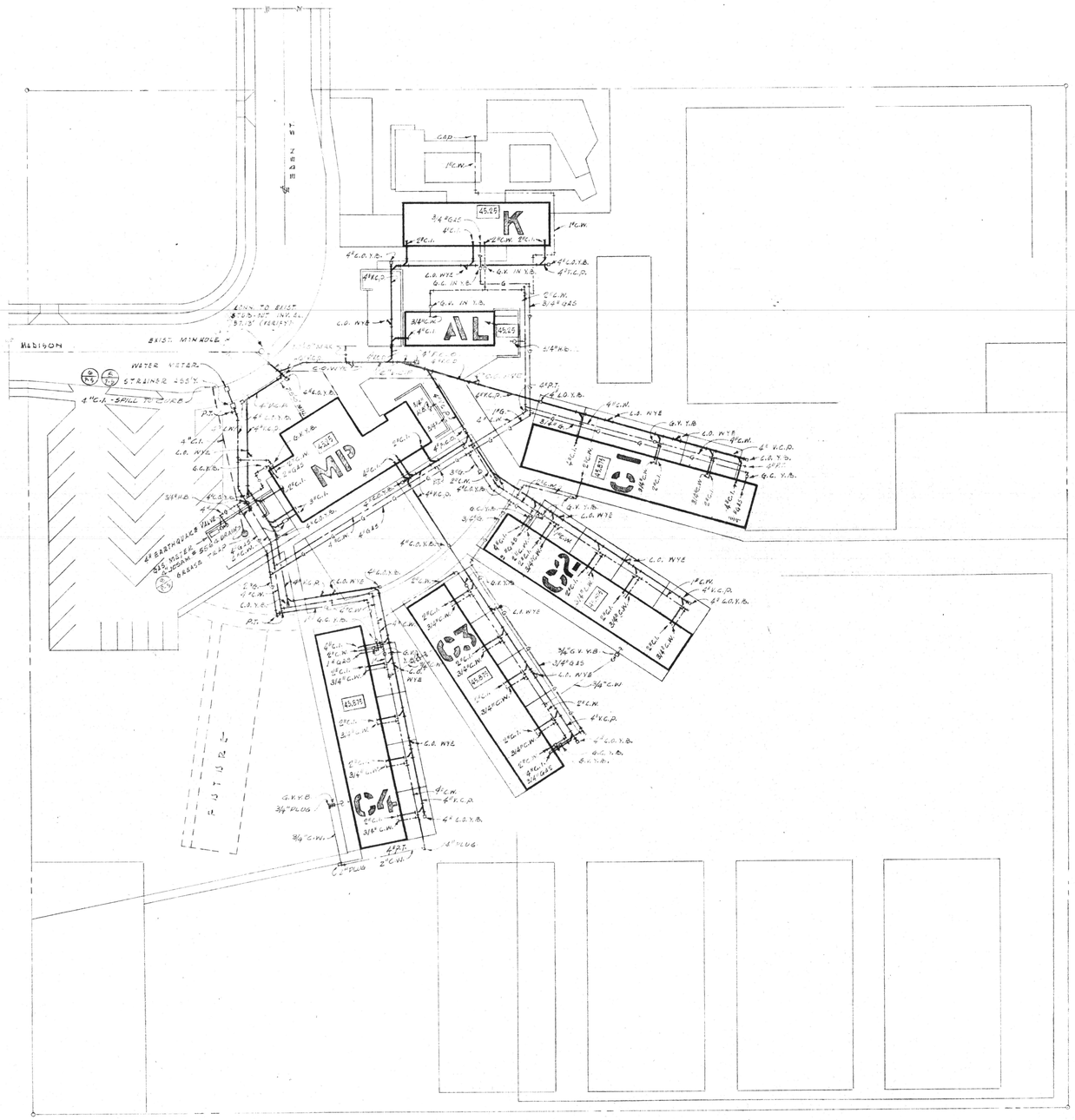
2 PIPING DETAIL

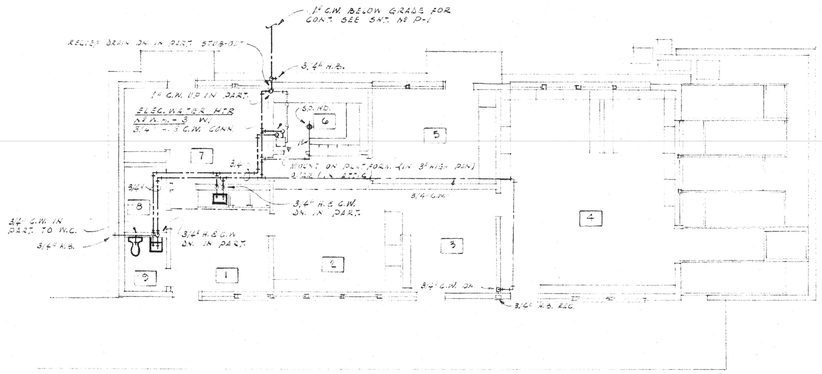


NOTES:
1. VENT CAP AND WEATHER SHIELD SHALL BE FIRMLY SECURED TO FLUE WITH FOUR SHEET METAL SCREWS.
2. BUCKET EXTENSION SHALL EXTEND THRU ROOF.
3. WHEN FLUE IS ALUMINUM, THE VENT CAP, WEATHER SHIELD AND FLASHING SHALL ALSO BE ALUMINUM.

3 FLUE FOR GAS FIRED EQUIPMENT

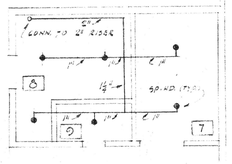
APPROVED: ARCHITECT / ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE. APPL. NO. / DATE / PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT	DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT. MADISON AT ENEN. WESTMINSTER, CALIFORNIA	JOSEPH E. KISKIS MECHANICAL ENGINEER 542 S. BROADWAY LOS ANGELES 13, 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-5 OF 44


MADISON
EXIST. MANHOLE
WATER METER
STRAINER
4"C.I. SPILL TO CURB
EXIST. 8" C.S.P. STORM DRAIN
FUTURE
K
AL
MP
C-2
C-3
C-4
C-5
C-6
C-7
45.25
45.575
45.675
45.625
45.675
45.675
45.675



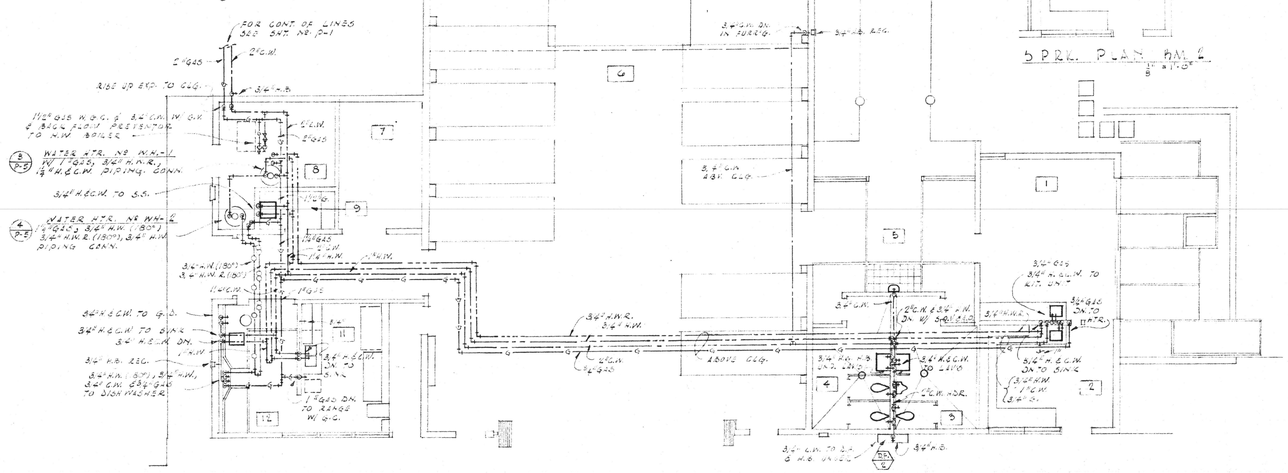
AL ADMIN-LIBRARY BLDG.- WATER & GAS PIPING

SCALE 1/8" = 1'-0"



SPRINKLER PLAN

1/8" = 1'-0"

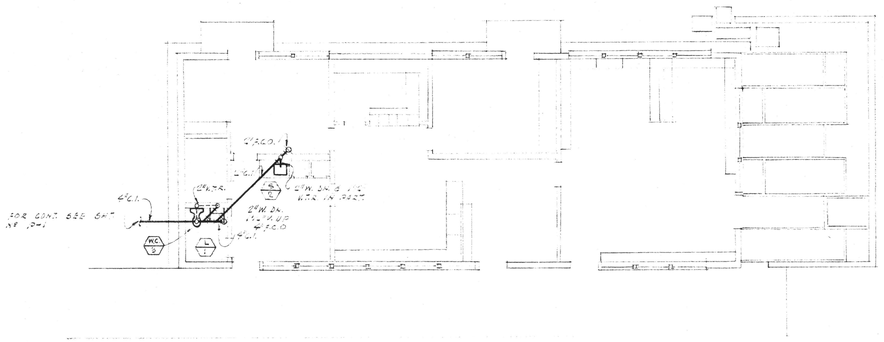


MP MULTIPURPOSE BLDG.- WATER & GAS PIPING

SCALE 1/8" = 1'-0"

5 PRV. PLAN

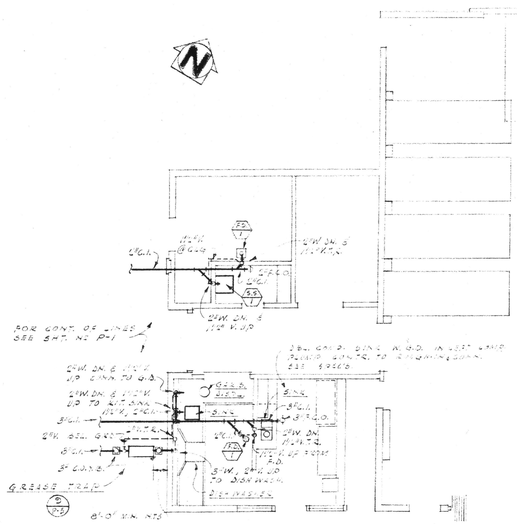
1/8" = 1'-0"

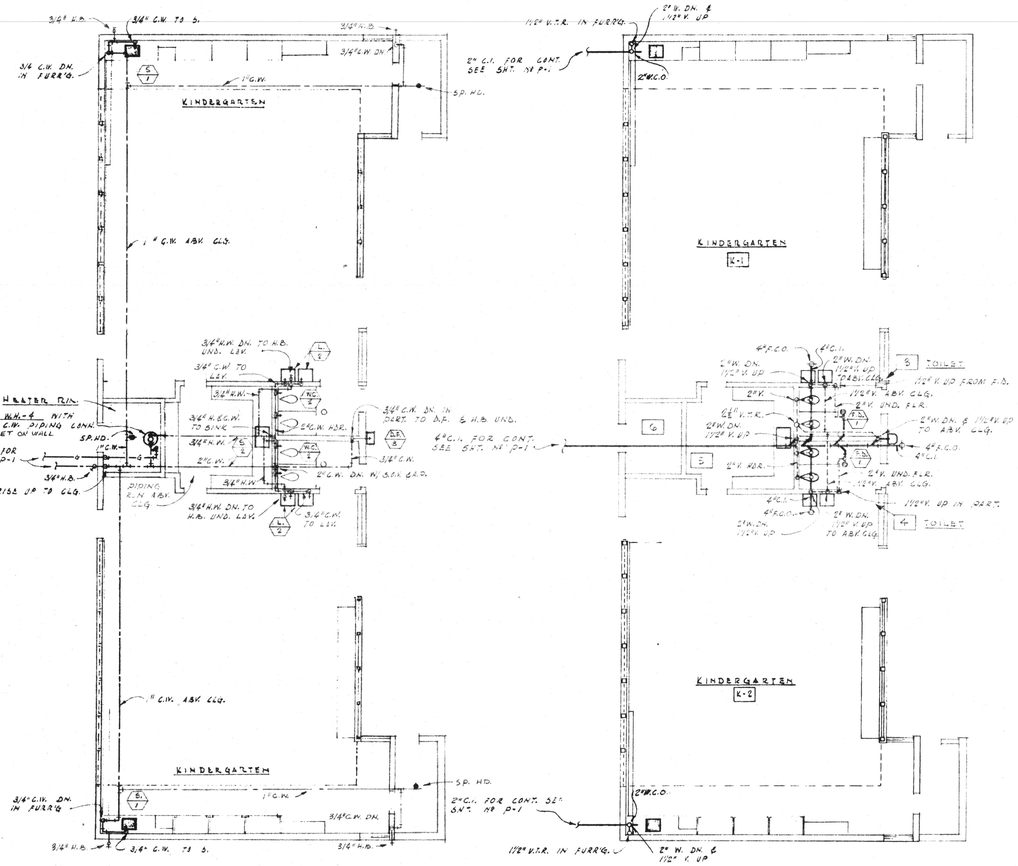


AL ADMIN-LIBRARY BLDG.- SOIL, WASTE & VENT PIPING

SCALE 1/8" = 1'-0"

N


N
4" C.I.
4" C.I.
S.D.
2" W. DN. & U.G.
FOR CONT. OF LINES SEE SHT. NO P-1
4" C.I.
4" C.I.
2" W. DN. & U.G.
2" W. DN. & U.G. TO S.D.
2" W. DN. & U.G. TO ART. SPRG.
4" C.I.
4" C.I.
4" C.I



G.A.D., H.O.T. & COLD WATER PLAN

SOIL, WASTE & VENT PLAN

PLUMBING PLAN - UNIT K

SCALE 1/8" = 1'-0"

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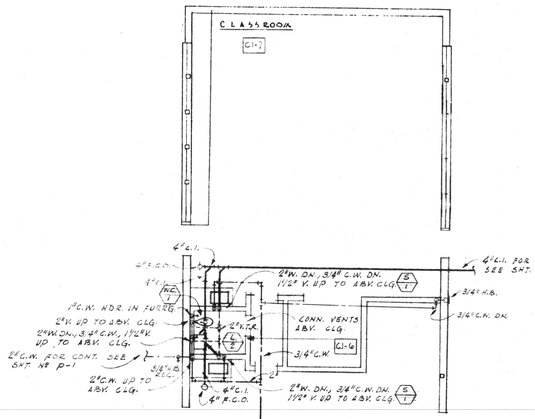
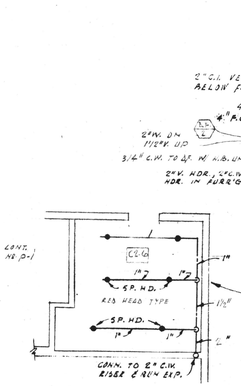
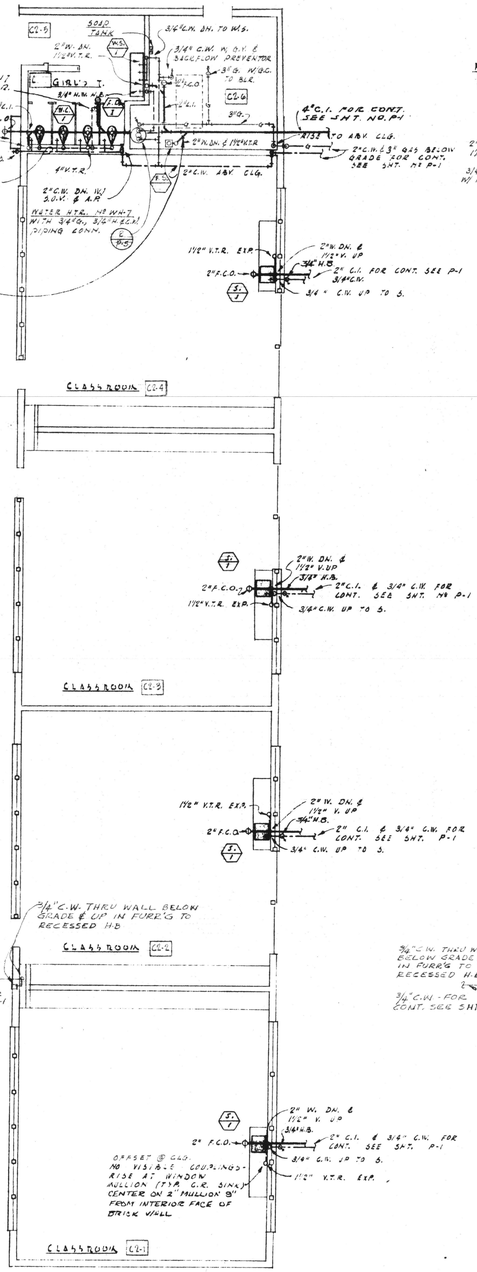
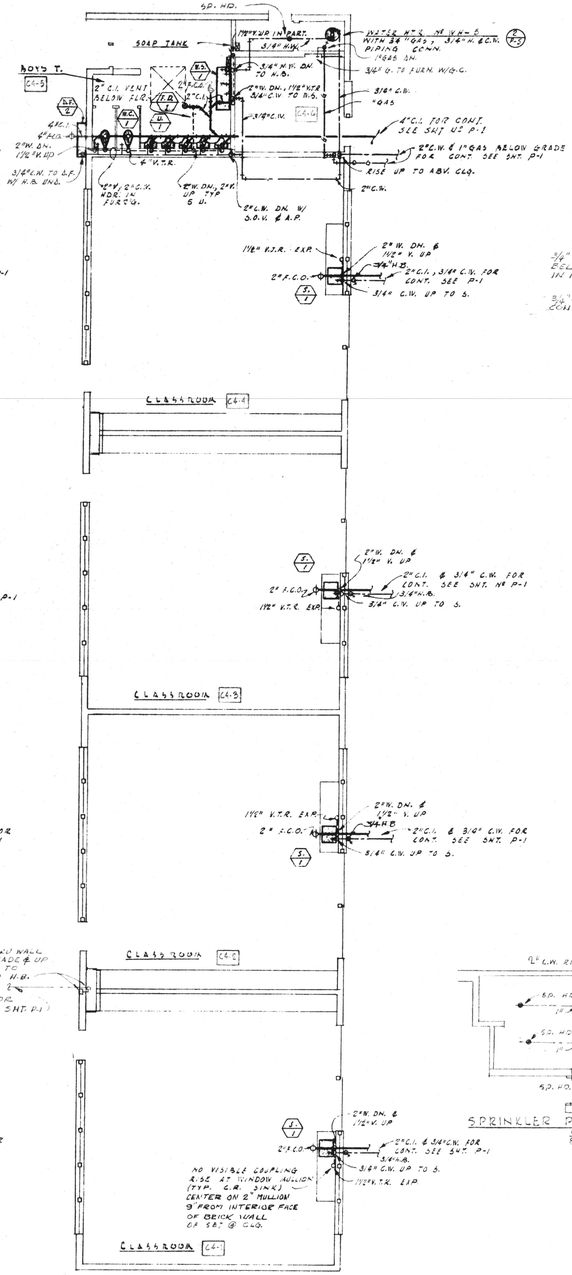


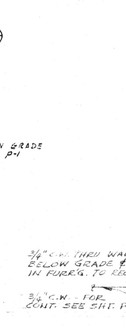
SPRINKLER PLAN C1-2
1/8" = 1'-0"



C2-6 SPRINKLER PLAN
1/8" = 1'-0"





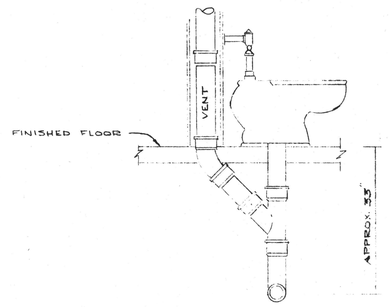


SPRINKLER PLAN C3-1
1/8" = 1'-0"

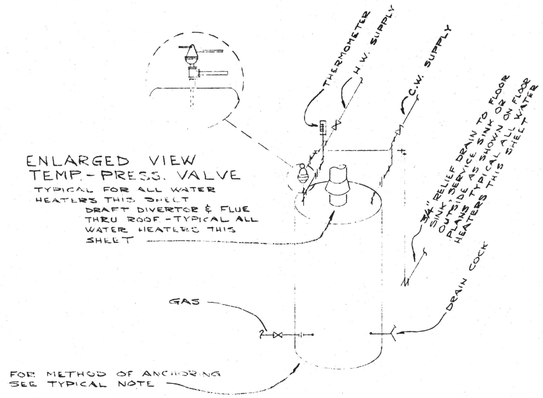
PLUMBING FLOOR PLANS

SCALE 1/8" = 1'-0"

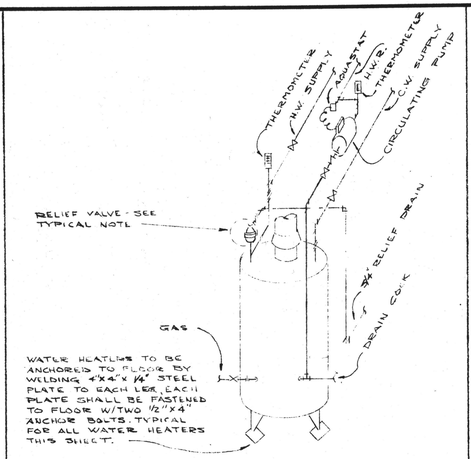
APPROVED: ARCHITECT / ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE — APPL. NO. — DATE — PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT	DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT — MADISON AT ESEN — WESTMINSTER, CALIFORNIA	JOSEPH E. KICKIS MECHANICAL ENGINEER 542 S. SPRING WAY LOS ANGELES — 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 5



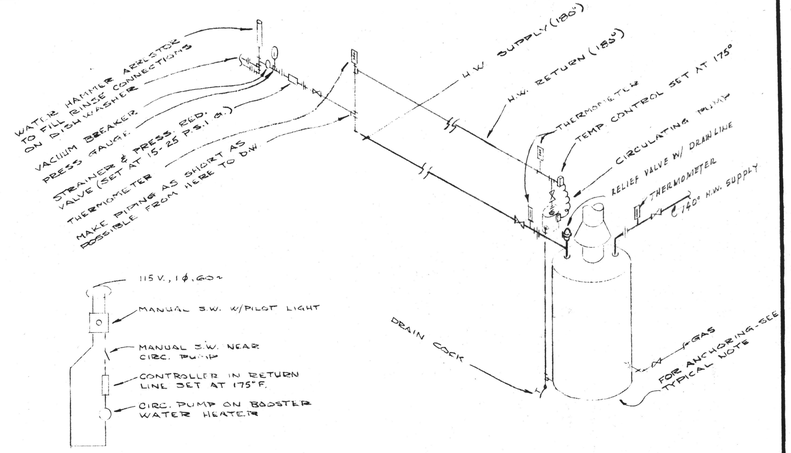
1 DETAIL - TYP. W.C. CONN.
NO SCALE



2 DETAIL - W.H. CONNECTIONS
SEE TYPICAL NOTES FOR ABOVE WATER HEATERS IN THESE THREE DETAILS
NO SCALE

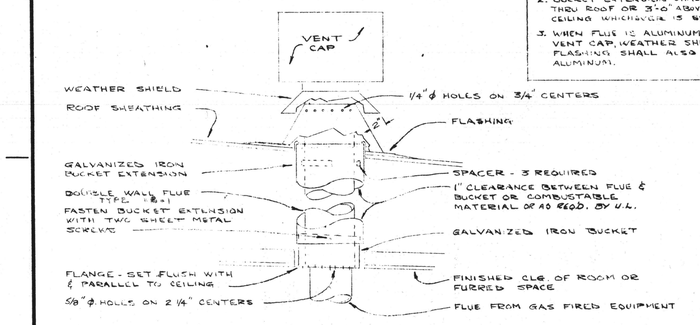


3 DETAIL W.H. CIRC. CONN.
NO SCALE

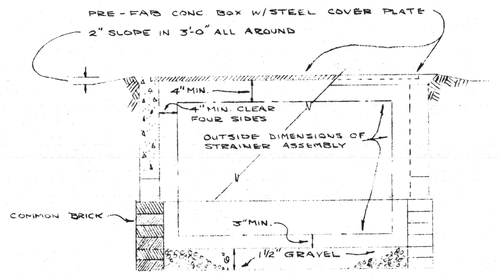


WIRING DIAGRAM FOR BOOSTER W.H.

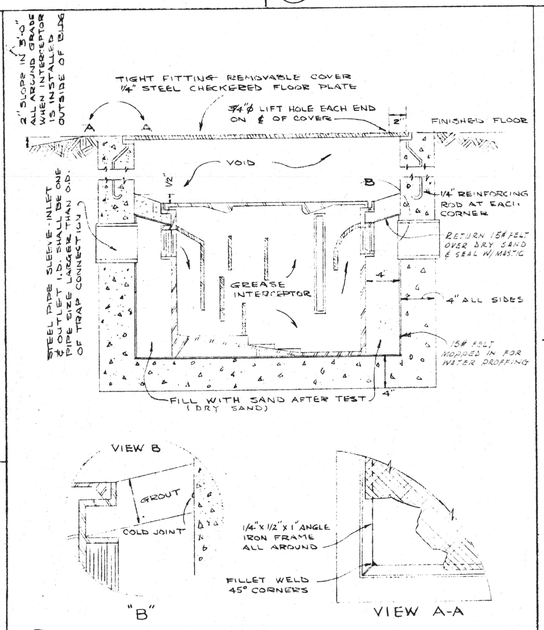
4 DETAIL - H.W. BOOSTER HEATER CONNECTIONS
NO SCALE



5 DETAIL - FLUE FOR GAS FIRED EQUIP.
NO SCALE

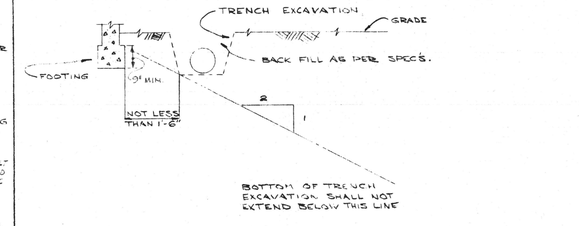


6 DETAIL - UNDERGROUND - BOX
NO SCALE

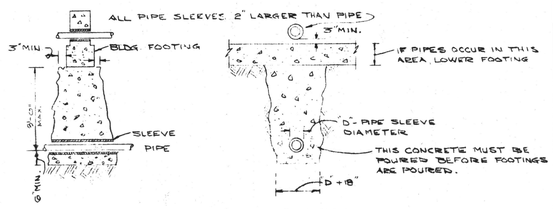


9 GREASE INTERCEPTOR IN CONC. BOX
NO SCALE

NOTE:
GREASE INTERCEPTOR SHALL HAVE FLOW RATE OF 35 G.P.M. & A GREASE RETENTION CAPACITY OF 70 LBS.



TYPICAL DETAIL FOR TRENCHES PARALLEL TO FOUNDATIONS

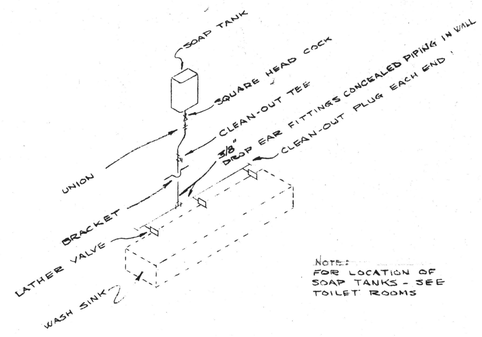


TYPICAL DET. FOR TRENCHES NOT PARALLEL TO FOUNDATIONS

NOTE:
FOR PIPES MORE THAN 3'-0" BELOW BOTTOM OF FOOTING USE COMPACTED FILL IN TRENCH AS PER SPEC'S.

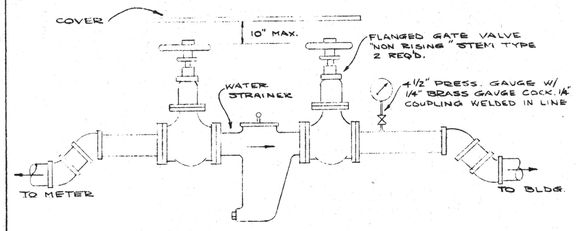
DETAIL TRENCH & EXCAVATING
NO SCALE

10



GRAVITY SOAP SYSTEM
NO SCALE

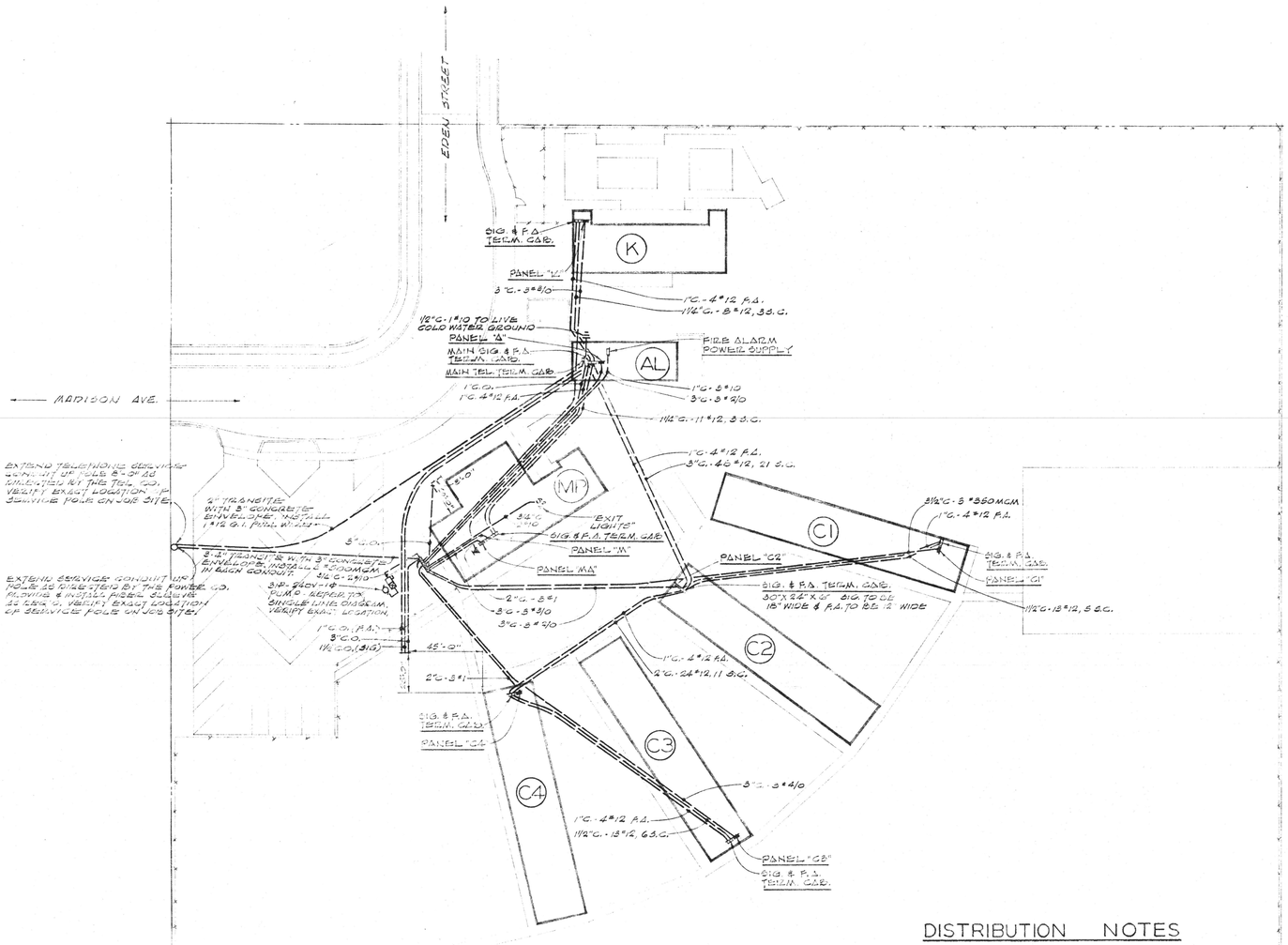
7



WATER STRAINER ASSEMBLY
NO SCALE

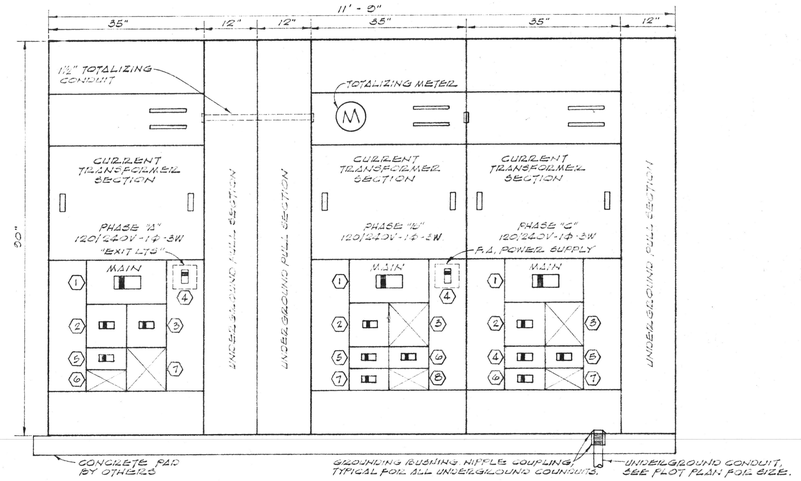
8

APPROVED: ARCHITECT / ENGINEER	APPROVED: APPL. NO. / DATE — STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE — PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT	DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT — MADISON AT EDEN — WESTMINSTER	JOSEPH E. KIKKIS MECHANICAL ENGINEER 542 S. BROADWAY MA 5-9921 LOS ANGELES 13, 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 58



PLOT PLAN

SCALE: 1" = 40'-0"



MAIN SWITCHBOARD ELEVATION

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

NOTE: SEE SWITCHBOARD NOTES SHEET E4.

NAMEPLATE SCHEDULE

PHASE "A"

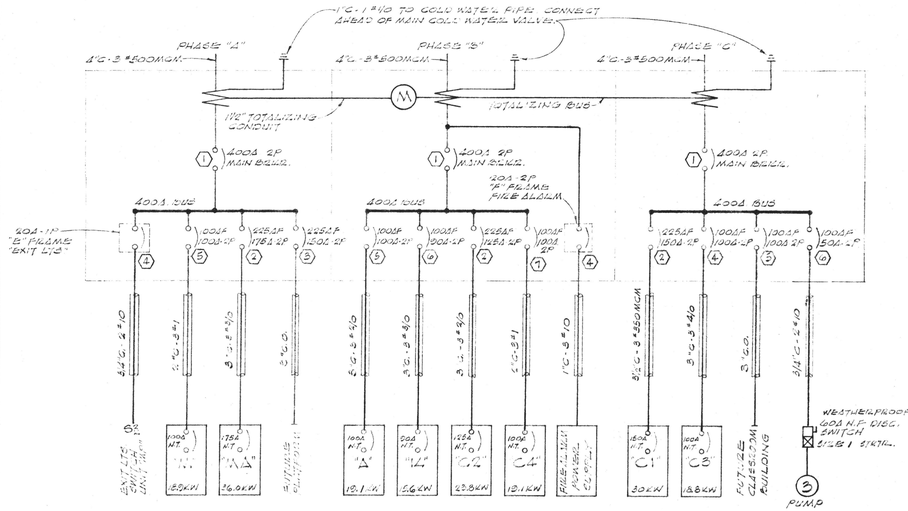
1. 400A. 2P. MAIN BREAKER.
2. 175A. 2P. PANEL "MA"
3. 150A. 2P. FUTURE PLATROOM.
4. 20A. 1P. EXIT LIGHTS
5. 100A. 2P. PANEL "M"
6. BLANK
7. BLANK

PHASE "B"

1. 400A. 2P. MAIN BREAKER.
2. 125A. 2P. PANEL "C2"
3. BLANK
4. 20A. 2P. FIRE ALARM
5. 100A. 2P. PANEL "A"
6. 50A. 2P. PANEL "B"
7. 100A. 2P. PANEL "C4"
8. BLANK

PHASE "C"

1. 400A. 2P. MAIN BREAKER.
2. 150A. 2P. PANEL "C1"
3. BLANK
4. 100A. 2P. PANEL "C3"
5. 100A. 2P. FUTURE CLASSROOM
6. 50A. 2P. PUMP
7. BLANK



ONE LINE DISTRIBUTION DIAGRAM

DISTRIBUTION NOTES

1. THE ELECTRICAL CONTRACTOR MAY CHOOSE TO INSTALL HEAVY DUTY TRANSITE IN LIEU OF RIGID STEEL CONDUITS FOR FEEDER SERVICE AND SECONDARY DISTRIBUTION.
2. HEAVY DUTY TRANSITE DUCTS SHALL BE ENCASED IN THREE (3) IN. CONCRETE ENVELOPE, PUNCHON & INSTALL FACTORY MADE SPACERS TO MAINTAIN THREE (3) INCH SPACE BETWEEN DUCTS. CONCRETE MIX SHALL BE BROWALLER 1 TO STRUCTURAL CONCRETE.
3. SHOULD THE ELECTRICAL CONTRACTOR CHOOSE TO INSTALL HEAVY DUTY TRANSITE FOR SECONDARY DISTRIBUTION HE SHALL THEN INSTALL ONE (1) NUMBER 4 BARE COPPER GROUND WIRE ALONG WITH SECONDARY FEEDERS SO THAT THE SUB PANELS ARE GROUNDED TO THE MAIN SWITCHBOARD.
4. PRIOR TO SERVICE CONNECTION & METER APPROVAL BY THE POWER COMPANY, THE ELECTRICAL CONTRACTOR SHALL COMPLETELY CHECK & TEST THE ENTIRE GROUNDING NETWORK.

NORTH

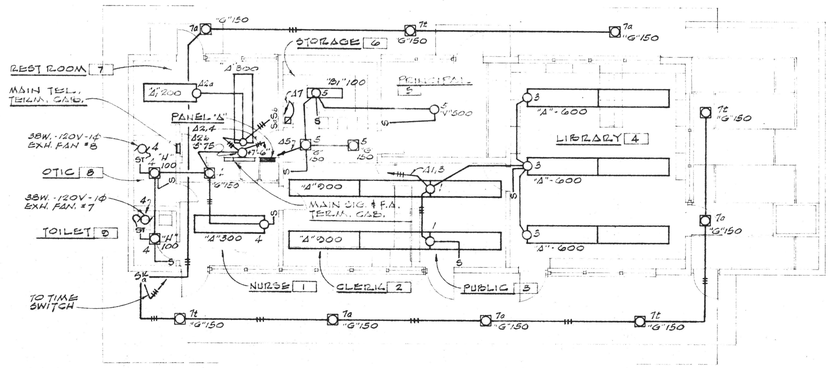
APPROVED: Lee Kline, ARCHITECT	APPROVED: 2-11-57, APPL. NO., DATE — STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE, PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT, Curtis Shrenke	DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT, MADISON AT EDEN, WESTMINSTER, CALIFORNIA	EARL L. HOLMBERG AND ASSOCIATES ELECTRICAL ENGINEERS 2525 HYPERION AVE. 4-2921 LOS ANGELES 27, CALIFORNIA	LEE B. KLINE, ARCHITECT, A.I.A. 963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

ENGINEER Earl L. Holmberg EE 2290

DATE OF DRAWING —

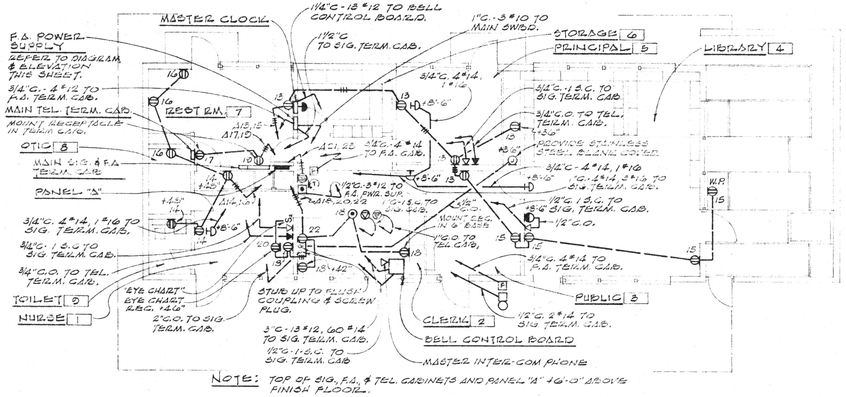
DRAWN BY EO

DRAWING NO. E-1, OF 54



LIGHTING PLAN - ADMINISTRATION

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



NOTE: TOP OF SIG., F.A. & TEL. CABINETS AND PANEL "A" 16'-0" ABOVE FINISH FLOOR.

SIGNAL & RECEPTACLE PLAN - ADMINISTRATION

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

PANEL 'A'

120/240V - 1Φ - 3W — PLUSH

CKT NO.	OUTLETS LTG.	OUTLETS REC.	LOCATION	PLUSH RATING	PLUSH Δ	PLUSH B
1	6		RM. 2,8	20A-1P	1800	
2	2		7		720	
3	6		4			1800
4	5	2-RANG	1,7,8,9			1380
5	4		2,8,6		1140	
6	7		LEGADE		1200	
7	5		EXTERIOR			1440
8			SPACE			
9						
10						
11						
12						
13		5	RM 3,5,7		1080	
14		3	1,9		600	
15		4	2,4 & EXTERIOR			800
16		5	1,8			600
17		1	7		600	
18		4	1,2		800	
19		1	7			500
20		1	1	1		500
21		1	240V-1Φ T.L. REG.	20A-2P	500	
22		1	RM. 2	20A-1P	500	
23			2P WITH CKT #21	-		500
24			SPACE	20A-1P		
25		3"BOX	MASTER CLOCK	20A-1P	500	
26		1/12 HP	ATTIC RM IN ATTIC	15A-1P	450	
27			INTER PHONE CENT.	20A-1P		500
28		-	2P WITH CKT #30	-		450
29			CONTROL	20A-1P	500	
30			SPACE	10A-1P		
31		1/12 HP	SUMP PUMP IN ATTIC	15A-1P		240
32			SPACE	20A-1P		
TOTAL	15,180 W		5.1 @ 1.4 V-1Φ = 80 AMPS		10260	8010

PANEL 'M'

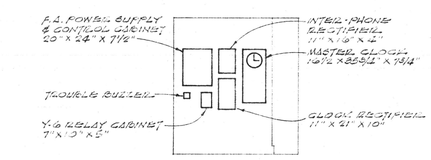
120/240V - 1Φ - 3W — PLUSH

CKT NO.	OUTLETS LTG.	OUTLETS REC.	LOCATION	PLUSH RATING	PLUSH Δ	PLUSH B
1	5		MAINT. USES	20A-1P	1500	
2	4				1200	
3	4					1200
4	5					1500
5	6				1080	
6	7		RM. 7,8,9,10		1260	
7	8		MAINT. USES			1440
8	6		RM. 11,12			1600
9	5		12		1200	
10	4	2-RANG	3,4		1080	
11	4		5			660
12	10		EXTERIOR			1800
13	8		EXIT LITE		600	
14	3		EXTERIOR		1320	
15			SPACE			
16	5		EXTERIOR & SIGN			1140
17			SPACE			
18						
19						
20						
21						
22						
23						
24						
TOTAL	15,180 W		5.1 @ 1.4 V-1Φ = 80 AMPS		9120	7640

PANEL 'MA'

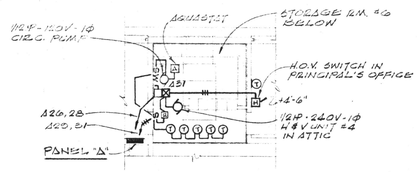
120/240V - 1Φ - 3W — PLUSH

CKT NO.	OUTLETS LTG.	OUTLETS REC.	LOCATION	PLUSH RATING	PLUSH Δ	PLUSH B
1		1	RM. 11	20A-1P	1500	
2		1	12		900	
3		1	11			1200
4		2-RANGE	11			780
5		2	10		480	
6		3	6		600	
7		2	6			420
8		3	1,8 EXTERIOR			600
9		3	2,5		600	
10		1	240V-1Φ T.L. REG.	20A-2P	500	
11		2-FAN	RM. 1,2	20A-1P		540
12		-	2P WITH CKT #10	-		500
13		1	240V-1Φ T.L. REG.	20A-2P	500	
14		1	EXTERIOR	20A-1P	600	
15		1	2P WITH CKT #13	-		500
16		1/6 HP	GAZEL DISP. RM. 12	15A-1P		700
17		1	50A-2P-3W-RANGE	50A-2P	3900	
18		1 HP	DISHWASHER	20A-2P	780	
19			2P WITH CKT #17	-		3900
20			2P WITH CKT #18	-		780
21		1 HP	W.H. UNIT #3	20A-1P	780	
22		1/4 HP	EXH. FAN #1	15A-1P	450	
23			2P WITH CKT #21	-		780
24			2P WITH CKT #22	-		450
25		1/3 HP	WTR. RM. PUMP #7	15A-1P	700	
26		2-1/2 HP	ATTIC RM. CIRC PUMP #8	20A-1P	840	
27			SPACE, CONTROL #8	20A-1P		500
28		1/6 HP	GAZEL DISP. RM. 11	15A-1P		700
29		J.B.	KITCHEN UNIT	20A-2P	5000	
30		J.B.	RM. 1 (ALARM)	20A-1P	700	
31			2P WITH CKT #29	-		5000
32		1/2 HP	EXH. (ENGR. DEPT.)	15A-1P		700
33		2-1/2 HP	KEY PUMP	20A-1P	840	
34		1/2 HP	FLY FAN	15A-2P	450	
35			SPACE	20A-1P		
36			2P WITH CKT #34	-		450
37			SPACE	20A-1P		
38						
39						
40						
41						
42						
TOTAL	36,080 W		120/240V-1Φ = 150 AMPS		18,420	17,120



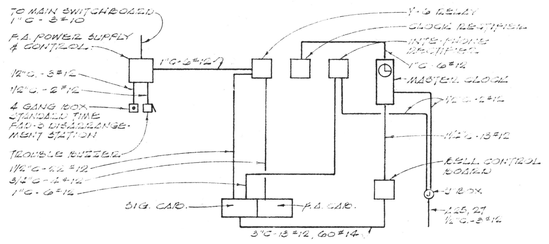
WEST ELEVATION
STORAGE ROOM

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



HEATER ROOM IN ATTIC
UNIT A-L

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



SCHEMATIC DIAGRAM OF FIRE ALARM AND SIGNAL EQUIPTMENT

NOT TO SCALE

SWITCHBOARD NOTES

1. SWITCHBOARD TO BE REAR FRONT DEAD REAR OF POLISHED 14 GAUGE STEEL CONSTRUCTION.
2. SWITCHBOARD FINISH SHALL BE GRAY HAMMERTONE ENAMEL. SWITCHBOARD WHERE FLOOR MOUNTED SHALL BE MOUNTED ON 3" CHANNEL BY ARCHITECT.
3. SWITCHBOARD SHALL BE CONSTRUCTED WEATHERPROOF & WATER TIGHT WITH LOUVRED AIR INLET HOOD. PROVIDE LOUVRED VENTILATOR ROOF HOOD ETC.
4. SWITCHBOARD CONSTRUCTION SHALL MEET ALL THE REQUIREMENTS OF NFPA 70 (NEW EDITION).
5. FIRE ALARM POWER SUPPLY EQUIPMENT SHALL BE MOUNTED UNDER A SEPARATE DOOR WITH FUSED LOCAL NAME PLATE SHALL BE USED ON WHITE LAMINATED BAKELITE 1"x 3½" ENGRAVED "LOCAL FIRE ALARM POWER SUPPLY".
6. PROVIDE & INSTALL RATING ON WHITE LAMINATED BAKELITE 1"x 3½" NAMEPLATE. SEE NAMEPLATE SCHEDULE FOR ENGRAVING.
7. ALL BREAKERS SHALL BE BOLT ON WITH LOCK-UP DEVICES.
8. ALL BREAKERS SHALL BE 1" TRIP.
9. SWITCHBOARD SHALL BE ARRANGED TO CONNECT PAD WITH 3/C 4" CONDUIT FOR FUTURE FEEDER.

LOAD SCHEDULE

DESCRIPTION	Φ A	Φ B	Φ C
EXIT LIGHTS	1000		
PANEL "A"	18,810		
PANEL "MA"	36,080		
FUTURE PLATROOM	6,000		
PANEL "S"		19,160	
PANEL "M"		15,610	
PANEL "G"		12,700	
PANEL "G1"		19,160	
F.A. POWER SUPPLY		1000	
PANEL "G1"			2000
PANEL "G2"			13,700
FUTURE CLASSROOM			6,000
PUMP			1680
TOTAL	61,900	73,120	73,380

TOTAL CONNECTED LOAD = 208,400

APPROVED: ARCHITECT — ENGINEER Earl L Holmberg LEE 2270

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

APPROVED: FOR THE DISTRICT

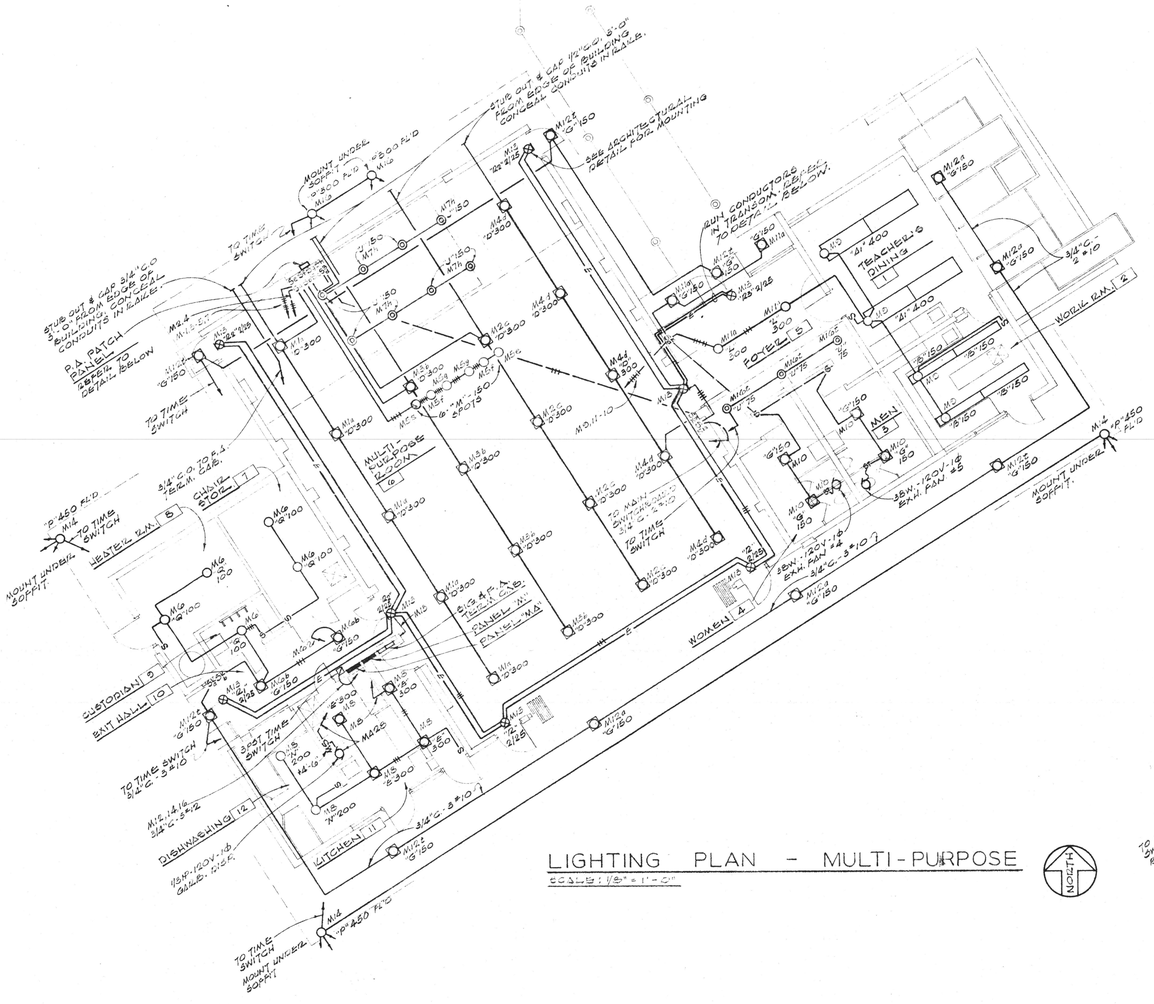
DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT
MADISON AT EDEN — WESTMINSTER, CALIFORNIA

EARL L. HOLMBERG AND ASSOCIATES ELECTRICAL ENGINEERS 2525 HYPERION NO. 4-2971 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 EO

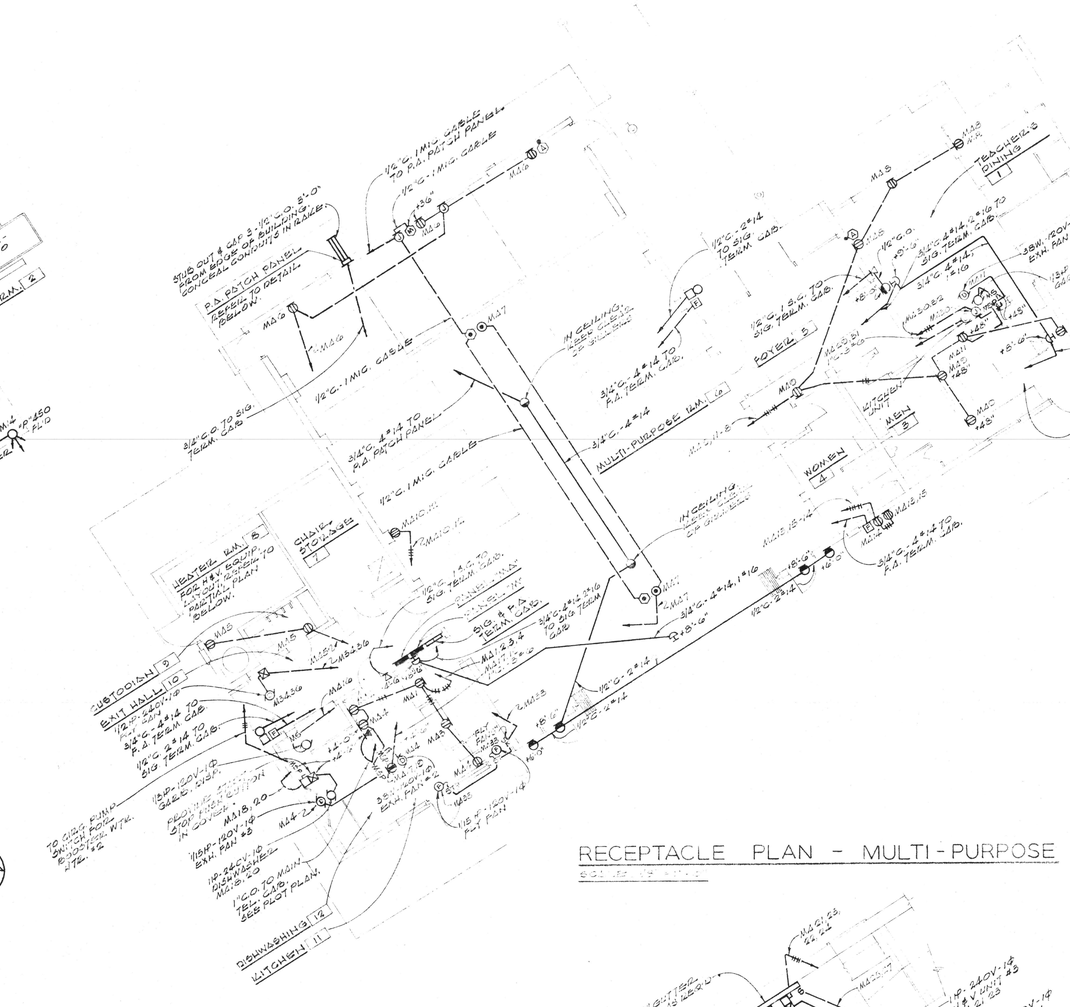
DRAWING NO. E-2 OF (54)

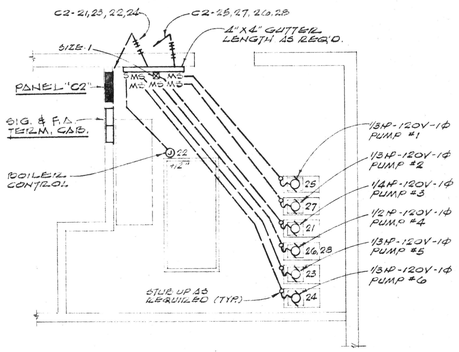


LIGHTING PLAN - MULTI-PURPOSE

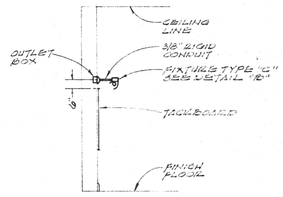
SCALE: 1/8" = 1'-0"

NORTH

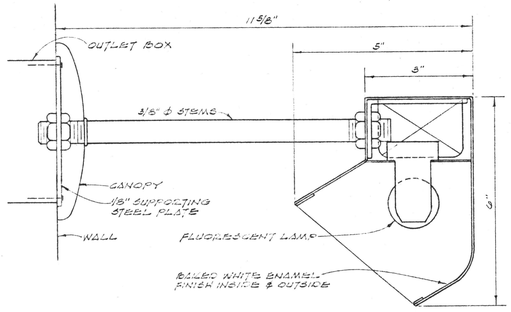

STUB OUT & CAP 3/4"C.O. 8'-0" ABOVE FLOOR OR BUILDING CONCEAL CONDUITS IN WALLS.
P.A. PATCH CABINET ADDED TO DETAIL BELOW
1/2"C. 1#12 - CABLE TO P.A. PATCH PANEL
1/2"C. 1#12 CABLE
3/4"C. TO SIG. TELEPH. CAB.
3/4"C. 4#14 TO P.A. PATCH PANEL
1/2"C. 1#12 CABLE
3/4"C. 4#14 TO SIG. TELEPH. CAB.
1/2"C. 2#14 TO SIG. TELEPH. CAB.
3/4"C. 4#14, 1#16 TO SIG. TELEPH. CAB.
1/2"C. 2#14 TO P.A. TELEPH. CAB.
MULTI-PURPOSE RM. 6
FOYER 5
MEN 3
WOMEN 4
TEACHERS DINING 1
KITCHEN 11
IN CEILING
3BW, 120V-1/2 EXH. FAN #5
3BW, 120V-1/2 EXH. FAN #6
3/4"C. 4#14, 2#10 TO SIG. TELEPH. CAB.
3/4"C. 4#14, 2#10 TO SIG. TELEPH. CAB.
NOOK RM. 2
HEATER RM. 5
FOR CUSTODIAN 9 & BAIT HALL 10 SEE DETAIL BELOW.
CUBICLE STORAGE
CUSTODIAN 9
BAIT HALL 10
1/2"C. 2#14 TO SIG. TELEPH. CAB.
3/4"C. 4#14 TO P.A. TELEPH. CAB.
1/2"C. 2#14 TO SIG. TELEPH. CAB.
BIG 4 P.A. TELEPH. CAB.
3/4"C. 4#14, 1#16 TO SIG. TELEPH. CAB.
1/2"C. 2#14 TO P.A. TELEPH. CAB.
1/2"C. 2#14
1/2"C. 2#14
1/2"C. 2#14



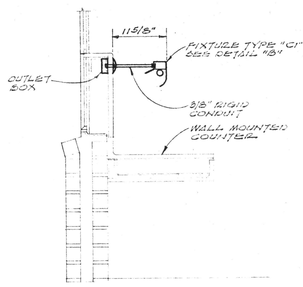
PARTIAL PLAN - HEATER ROOM
UNIT C-2
SCALE: 1/4" = 1'-0"



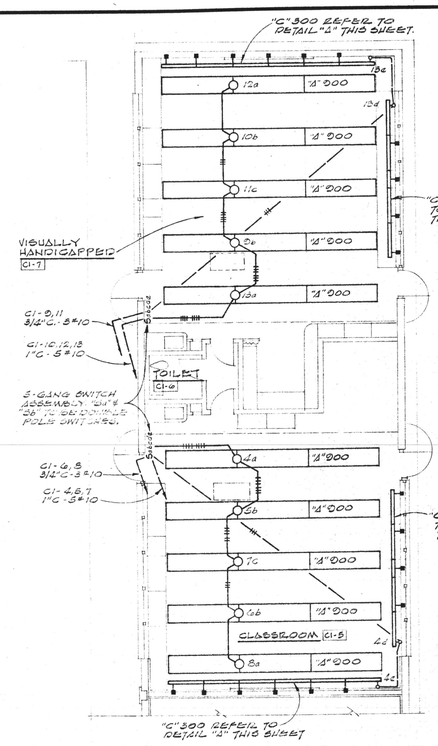
DETAIL "A"
NOT TO SCALE



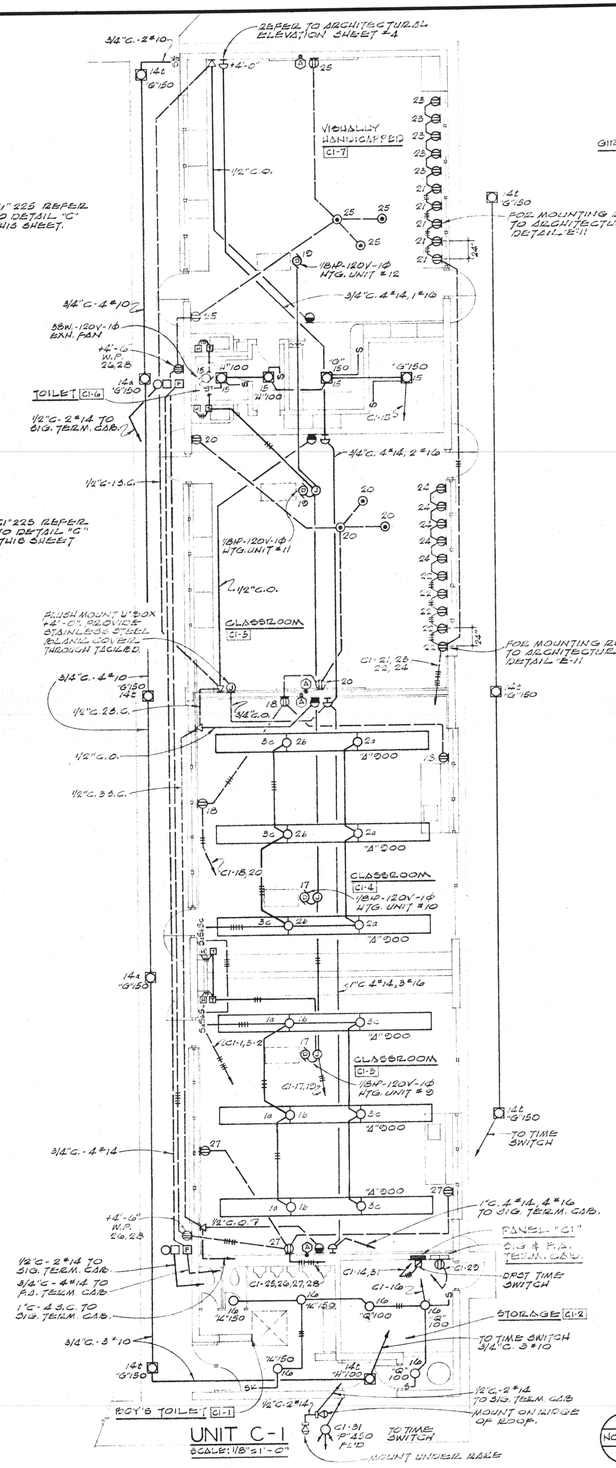
DETAIL "B"
NOT TO SCALE



DETAIL "C"
NOT TO SCALE



PARTIAL PLAN UNIT C-1
SCALE: 1/8" = 1'-0"



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

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

NORTH

APPROVED: ARCHITECT / ENGINEER Earl L. Holmberg EE2270	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE — APPL. NO. — DATE — PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT	DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT — MADISON AT EDEN — WESTMINSTER, CALIFORNIA	EARL L. HOLMBERG AND ASSOCIATES ELECTRICAL ENGINEERS 2525 HYPERION NO. 42921 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 BD — DRAWING NO. E-4 — OF 54

PANEL 'C1'

120/240V - 1Φ - 3Φ — FLUSH

CKT NO.	OUTLETS LTG	OUTLETS REC	LOCATION	TERM. 1Φ	TERM. 3Φ	BUS Δ	BUS Y
1	6		EM. C1-6	20A-1P		1800	
2	6		C1-4			1800	
3	6		C1-3, 4				1800
4	6		C1-5				1428
5	3					300	
6	3					300	
7	3						300
8	3		C1-7			300	
9	3					300	
10	3						300
11	3						300
12	3					1428	
13	1		EXTERIOR			168.0	
14	4		EM. C1-6				720
15	6		C1-1,2				1080
16		2-1/8HP	C1-3,4			700	
17		3	C1-4			900	
18		2-1/8HP	C1-5,7				700
19		3	C1-5				900
20		5	C1-7			1000	
21		5	C1-6			1000	
22		5	C1-7				1000
23		5	C1-6				1000
24		5	C1-7			1000	
25		2	240V-1Φ T.L. REC.	20A-2P		800	
26		3	EM. C1-5	20A-1P		900	
27		-	SP. WITH CKT #26	-		800	
28		1	EM. C1-2	20A-1P		720	
29	5		EXCESS			200	
30	1		EXTERIOR				420
31			SPACE				
32							
33							
34							
35							
36							
37							
38							
39							
40							
41							
42							

TOTAL 3000W @ 120/240V-1Φ = 125 AMPS — 16135 — 13575

PANEL 'C2'

120/240V - 1Φ - 3W — FLUSH

CKT NO.	OUTLETS LTG	OUTLETS REC	LOCATION	BUS 1Φ	BUS Δ	BUS Y
1	6		EM. C2-1	20A-1P	1800	
2	6		C2-2		1800	
3	6		C2-3,4			1800
4	6		C2-1			1800
5	3		C2-1		1500	
6	3		C2-5,6		900	
7	6		C2-1,2			1800
8	3		EM. C2-6		900	
9			SPACE			
10	5		EXTERIOR		421	
11			SPACE			
12		1	EM. C2-6			200
13		5	EM. C2-6		600	
14		5	C2-1		600	
15		5	C2-1			600
16		5	C2-2			600
17		2	240V-1Φ T.L. REC.	20A-2P	800	
18		3	EM. C2-2	20A-1P	700	
19		-	SP. WITH CKT #17	-		800
20		3	EM. C2-2	20A-1P		700
21	1/2HP		H.T.G. EM. PUMP #3	15A-1P	250	
22	1/2 HP		EM. C2-10	20A-1P	500	
23	1/2 HP		H.T.G. EM. PUMP #3			750
24	1/2HP		PUMP #4	15A-1P	750	
25	1/2 HP		PUMP #1	15A-1P		750
26	1/2 H.P.		PUMP #3	15A-1P	250	
27	1/2 H		PUMP #2	15A-1P		750
28			SP. WITH CKT #26	-		250
29			SPACE	20A-1P		
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						

TOTAL 22.7KW @ 110/220V-1Φ = 206 AMPS — 9750 — 11450

PANEL 'C3'

120/240V - 1Φ - 3W — FLUSH

CKT NO	OUTLETS LTG	OUTLETS REC	LOCATION	BUS 1Φ	BUS Δ	BUS Y
1	6		EM. C3	20A-1P	1800	
2	6		C3		1800	
3	6		C3			1800
4	6		C3			1800
5	6		C3		1800	
6	4		C3		752	
7	6		C3			1800
8	1		EXTERIOR			420
9			SPACE			
10	2		EXTERIOR		1620	
11			SPACE			
12		2	EM. C3-1			400
13		4	C3		600	
14		3	C3		600	
15		3	C3			600
16		3	C3			600
17		2	240V-1Φ T.L. REC.	20A-2P	800	
18		2-1/8HP	EM. C3	20A-1P	700	
19		-	SP. WITH CKT #17	-		800
20		2-1/8HP	EM. C3	20A-1P		700
21			SPACE			
22						
23						
24						
25						
26						
27						
28						

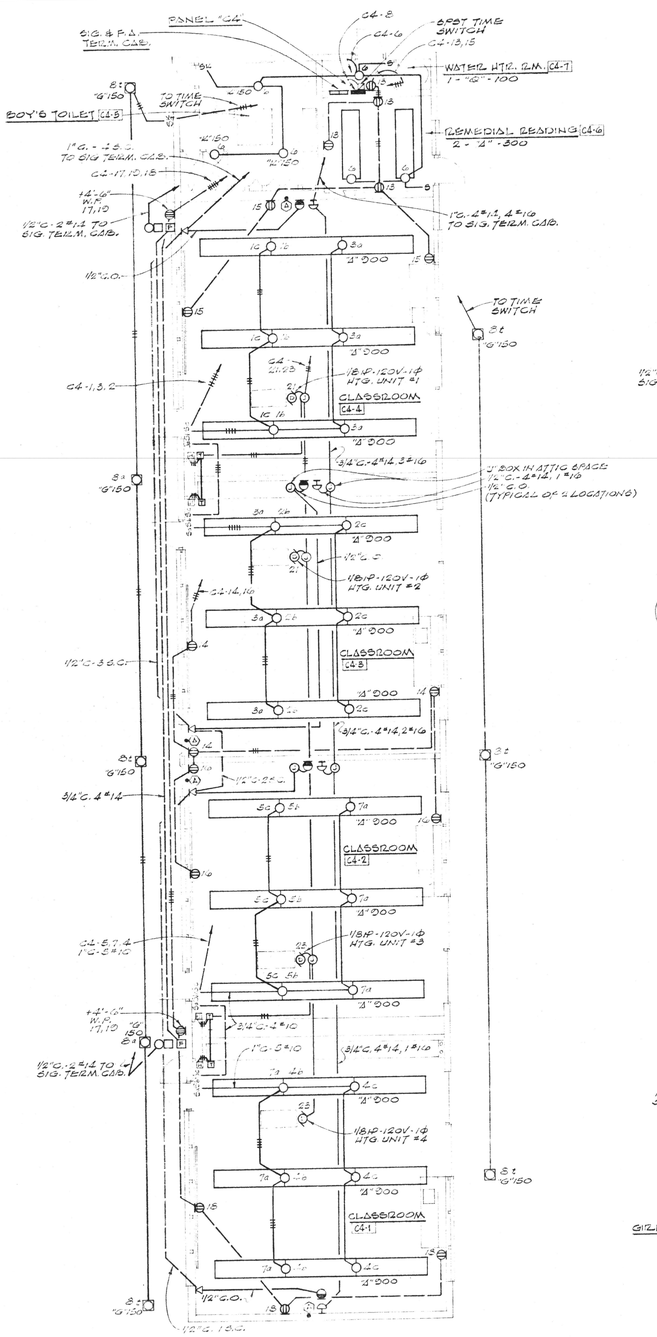
TOTAL 18.7KW @ 120/240V-1Φ = 78 AMPS — 10140 — 8660

PANEL 'C4'

120/240V - 1Φ - 3W — FLUSH

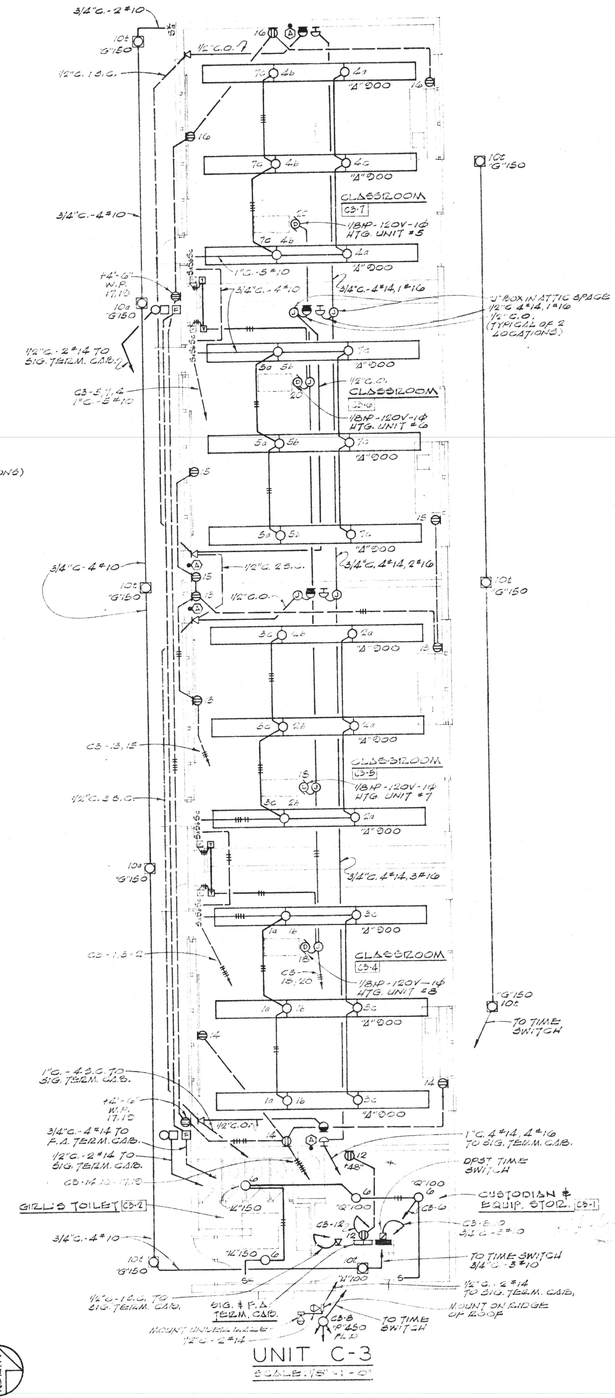
CKT NO.	OUTLETS LTG	OUTLETS REC	LOCATION	BUS 1Φ	BUS Δ	BUS Y
1	6		EM. C4-2	20A-1P	1800	
2	6		C4-6		1800	
3	6		C4-3,4			1800
4	6		C4-1			1800
5	6		C4-2		1800	
6	6		C4-5,6,7		1820	
7	6		C4-1,2			1800
8	8		EXTERIOR			1640
9			SPACE			
10						
11						
12						
13		4	EM. C4-6,7		800	
14		3	C4-5		600	
15		3	C4-4			600
16		3	C4-3			600
17		2	240V-1Φ T.L. REC.	20A-2P	800	
18		3	EM. C4-1	20A-1P	600	
19		-	SP. WITH CKT #17	-		800
20			SPACE	20A-1P		
21	2-1/8HP		EM. C4-3,4		700	
22			SPACE			
23	2-1/6HP		EM. C4-1,2			700
24			SPACE			
25						
26						
27						
28						

TOTAL 8.1KW @ 120/240V-1Φ = 80 AMPS — 8720 — 8640



UNIT C-4

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



UNIT C-3

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

NORTH

APPROVED: [signature] ARCHITECT — Earl L. Holmberg JEE2290 ENGINEER

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

APPROVED: FOR THE DISTRICT

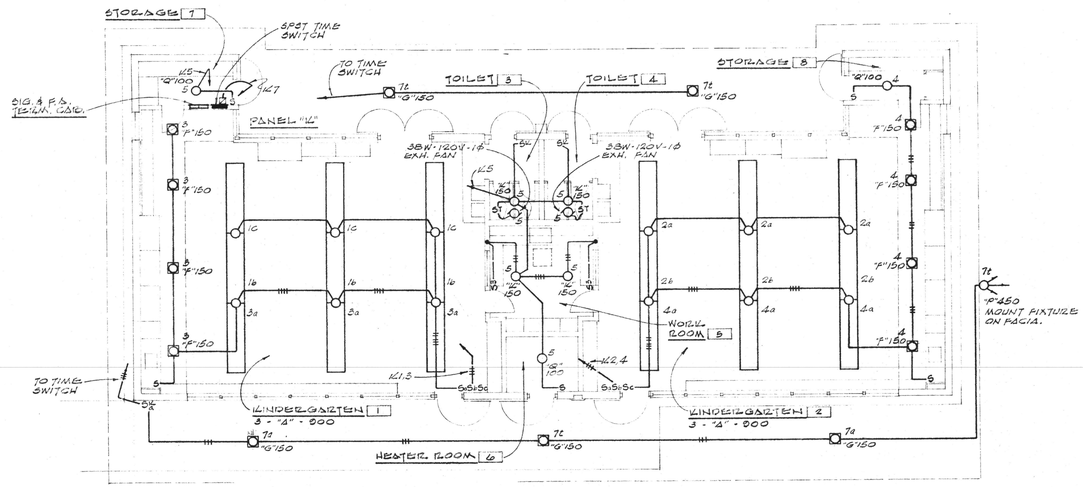
DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT
MADISON AT EDEN — WESTMINSTER, CALIFORNIA

EARL L. HOLMBERG AND ASSOCIATES ELECTRICAL ENGINEERS 2525 HYPERION NO. 42921 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 KO

DRAWING NO. E-5 OF (54)



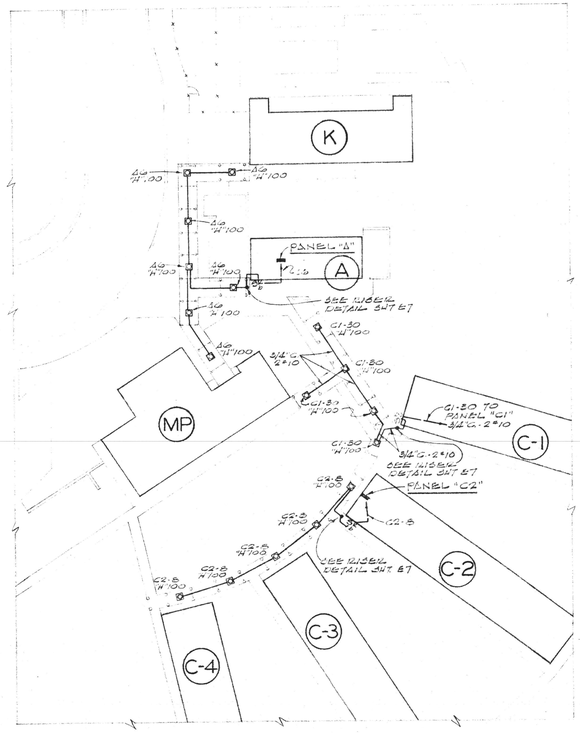
LIGHTING PLAN UNIT 'K'

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

PANEL 'K'

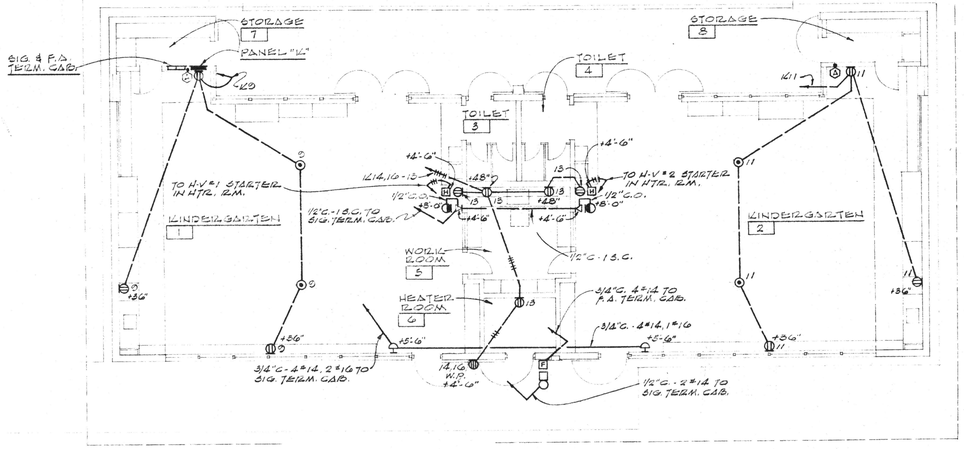
120/240V-1Φ-3W. PLUGH

CKT NO.	OUTLETS LTG.	OUTLETS REC.	LOCATION	BUS LTG	BUS REC	BUS B
1	6		LM-1	204-1P	1800	
2	6		2		1800	
3	7		1			1620
4	8		2B			1500
5	6	2 PANS	3,4,5,6,7		1440	
6			SPARE			
7	6		EXTENSION			1550
8			SPARE			
9		5	LM-1		1000	
10			SPARE			
11		5	LM-2			1000
12			SPARE			
13		5	LM-1,2,5,6		1000	
14		1	240V-1Φ T.L.REG.	204-2P	500	
15			SPARE	204-1P		
16		-	2P WITH CKT #14	-		500
17		1/2 HP	H&V UNIT #1	152-1P	450	
18		1/2 HP	H&V UNIT #2	152-1P	450	
19			2P WITH CKT #17	-		450
20			2P WITH CKT #18	-		450
21			SPARE	204-1P		
22						
23						
24						
TOTAL 15810W @ 120/240V-1Φ = 65 AMPS					5440	7170



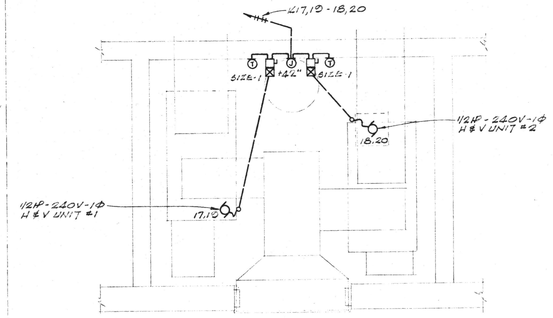
ARCADE LIGHTING PLAN

SCALE: 1" = 40' - 0"



RECEPTACLE PLAN UNIT 'K'

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



PARTIAL PLAN - HEATER RM.
UNIT - K

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

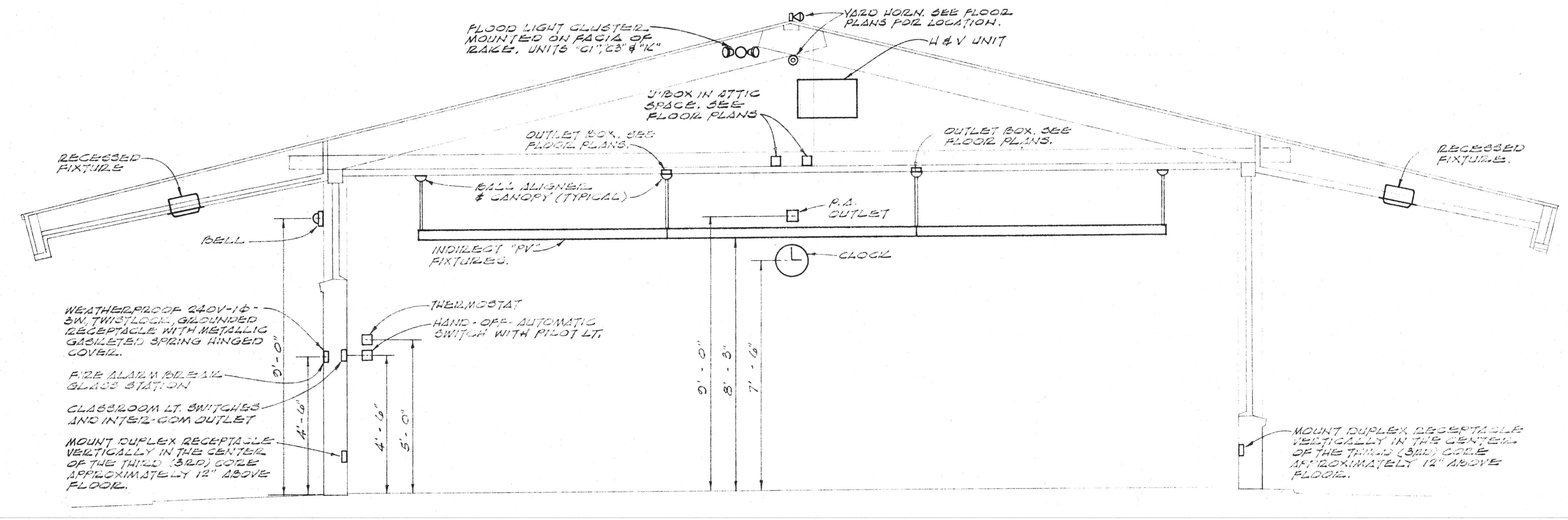
APPROVED: ARCHITECT / ENGINEER Earl L. Holmberg 5522%	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE APPL. NO. DATE PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT	DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT MADISON AT EDEN WESTMINSTER, CALIFORNIA	EARL L. HOLMBERG AND ASSOCIATES ELECTRICAL ENGINEERS 2525 HYPERION NO.42921 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 ED / DRAWING NO. E-6 OF 54

SYMBOLS

- "B"100 M1 — CEILING LIGHT OUTLET, "B"100-FIXTURE TYPE & WATTS, M1-CIRCUIT NO.
- WALL OR BRACKET LIGHT OUTLET.
- RECESSED LIGHT FIXTURE, ROUND TRIM.
- RECESSED LIGHT FIXTURE, SQUARE TRIM.
- SLIMLINE OR FLUORESCENT LIGHT FIXTURE.
- DUPLEX CONVENIENCE RECEPTACLE, SEE SPECS. BRYANT #5252
- 240V-3WIRE GROUNDED RECEPTACLE, TWISTLOCK, BRYANT #7310-B
- JUNCTION BOX
- FLOOR OUTLET, RUSSELL & STOLL #2503 WITH 120V RECEPTACLE.
- LOW VOLTAGE TRANSFORMER, FURNISHED BY OTHERS.
- P.A. OUTLET WITH SINGLE PLASTER RING STAINLESS STEEL COVER
- BELL OUTLET
- SECONDARY CLOCK
- MASTER CLOCK.
- FLOOR MICROPHONE OUTLET, RUSSELL & STOLL #2503
- MOTOR, PROVIDE & INSTALL DISCONNECT SWITCH AT MOTOR.
- MOTOR OUTLET
- YARD HORN
- INTER-COM OUTLET
- TELEPHONE OUTLET
- H.O.V. SWITCH WITH PILOT LT.
- FIRE ALARM BREAK GLASS STATION
- THERMOSTAT, FURNISHED BY OTHERS
- RELAY FURNISHED BY OTHERS
- TIME SWITCH WITH ASTRONOMIC DIAL. SEE GEN. NOTE #8 & SPECS.
- MAGNETIC STARTER.
- EX.O. SWITCH 30A. N.F. OR AS NOTED
- SIGNAL & FIRE ALARM TERM. CAB. SEE DETAIL THIS SHEET.
- SIGNAL, FIRE ALARM & TEL. TERM. CAB. SEE DETAIL THIS SHEET.
- LIGHTING PANEL, SEE DETAIL THIS SHEET.
- MAIN SWITCHBOARD.
- S — FLUSH SINGLE POLE SWITCH, BRYANT #4901
- SP — FLUSH SINGLE POLE SWITCH WITH PILOT LIGHT, BRYANT #4901 + 427 + 746R JEWEL
- S3 — FLUSH 3-WAY SWITCH, BRYANT #4903
- SK — FLUSH SINGLE POLE KEY SWITCH, BRYANT #4901-L.
- MS — MANUAL MOTOR SWITCH WITH THERMAL OVERLOAD.
- MSP — MANUAL MOTOR SWITCH WITH THERMAL OVERLOAD & PILOT LT.
- S.C. — SHIELDED CABLE, LEAHY FP3-18, SEE SPECS.
- W.P. — WEATHER PROOF
- C.O. — CONDUIT ONLY
- TELEVISION OUTLET, SEE TELEVISION NOTE BELOW.
- CONDUIT RISER.
- CONDUIT CONCEALED IN CEILING OR WALLS.
- CONDUIT UNDERGROUND OR BELOW SLAB.
- 1/2" C. 2#12 OR AS NOTED.
- 1/2" C. 3#12 OR AS NOTED.
- 3/4" C. 4#12 OR AS NOTED.
- 3/4" C. 5#12 OR AS NOTED.
- 1" C. 6#12 OR AS NOTED.
- FLEXIBLE METALLIC CONDUIT.
- STUB UP ABOVE FLOOR AS REQUIRED.
- 240V HEAVY DUTY RECEPTACLE, BRYANT #9306 - #9302 PLATE
- ST — SINGLE POLE SWITCH WITH THERMAL OVERLOAD PROTECTION.
- FLOOD LIGHT CLUSTER
- FLUSH FLOOR TELEPHONE OUTLET, RUSSELL & STOLL #2503
- FLUSH FLOOR INTER-COM OUTLET, RUSSELL & STOLL #2503

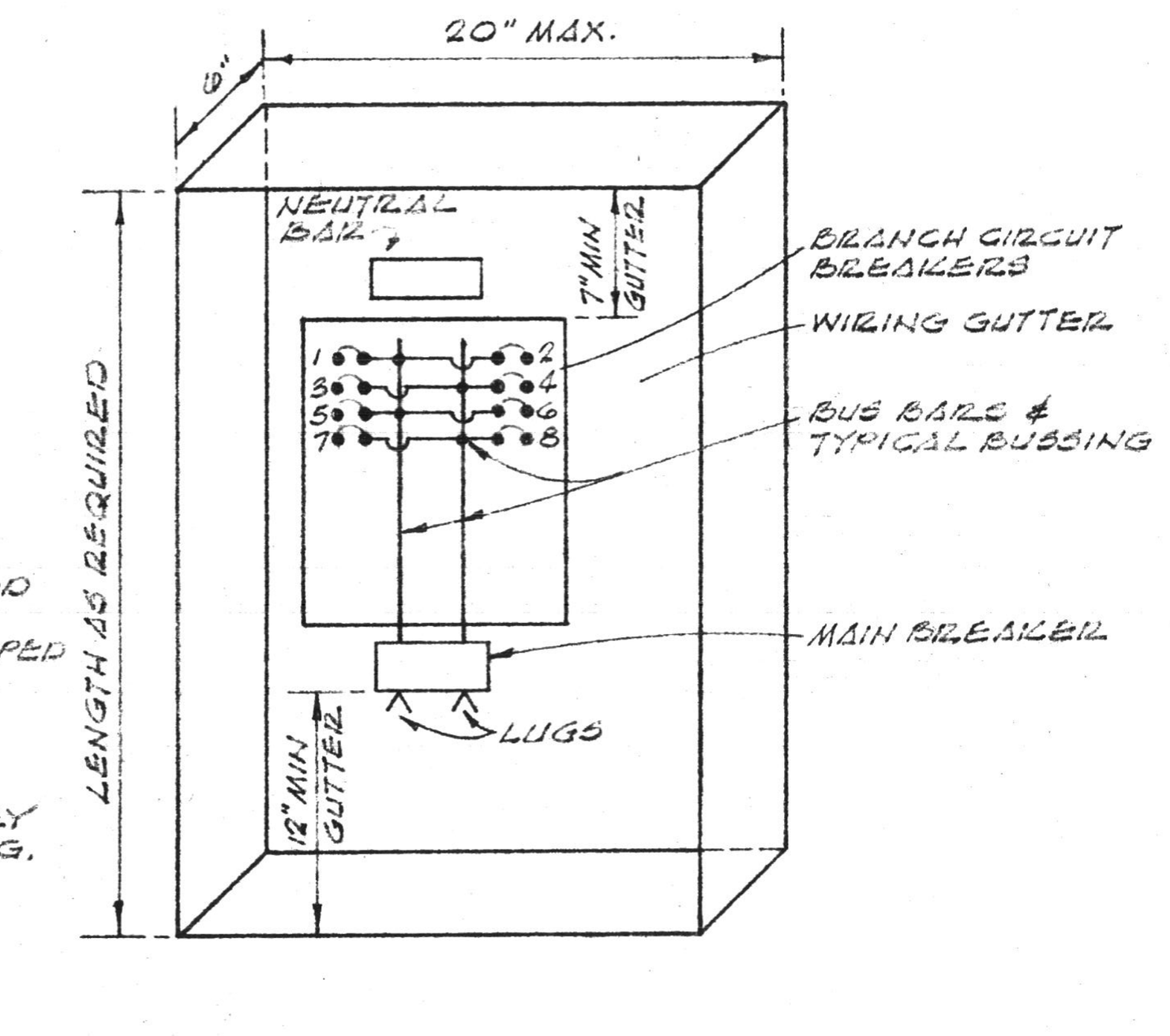
GENERAL NOTES

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-14N. PROVIDE 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 DEGREE (30°) PIVOT IN ALL DIRECTIONS FROM THE VERTICAL POSITION.
8. MOUNT TIME CLOCKS ABOVE OR ADJACENT TO LIGHTING PANELS
9. RECESSED FIXTURES SHALL HAVE 1/2" MINIMUM CLEARANCE FROM COMBUSTIBLE MATERIAL.
10. ENGRAVE ALL SWITCH PLATES OTHER THAN LIGHT SWITCHES SUCH AS "HEATER FAN", "EXH. FAN", "HOUSE CONTACTOR", "FLY FAN", ETC.
11. ALL TYPICAL DETAILS, CLASSROOM SECTION & ELEVATION SHALL BE REFERRED TO AND OBSERVED.
12. ELECTRICIAN WILL DO CONDUIT & WIRING FOR AQUASTAT, CIRC. PUMPS, AND ALSO CONDUIT & WIRING FOR CONTROL SYSTEM OF 180° WATER PUMP AS SHOWN ON MECHANICAL & ELECTRICAL DRAWING OR 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. IN REGARD TO HEATING & VENTILATING WIRING, THE FOLLOWING COVERS SUCH WORK:
    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, HEAT-VENT-OFF 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 A STANDARD 4" SQUARE x 1 1/2" DEEP BOX.
19. ALL FIXTURES IN ONE HOUR CONSTRUCTION SHALL BE FURNISHED WITH FIRE RATED 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.

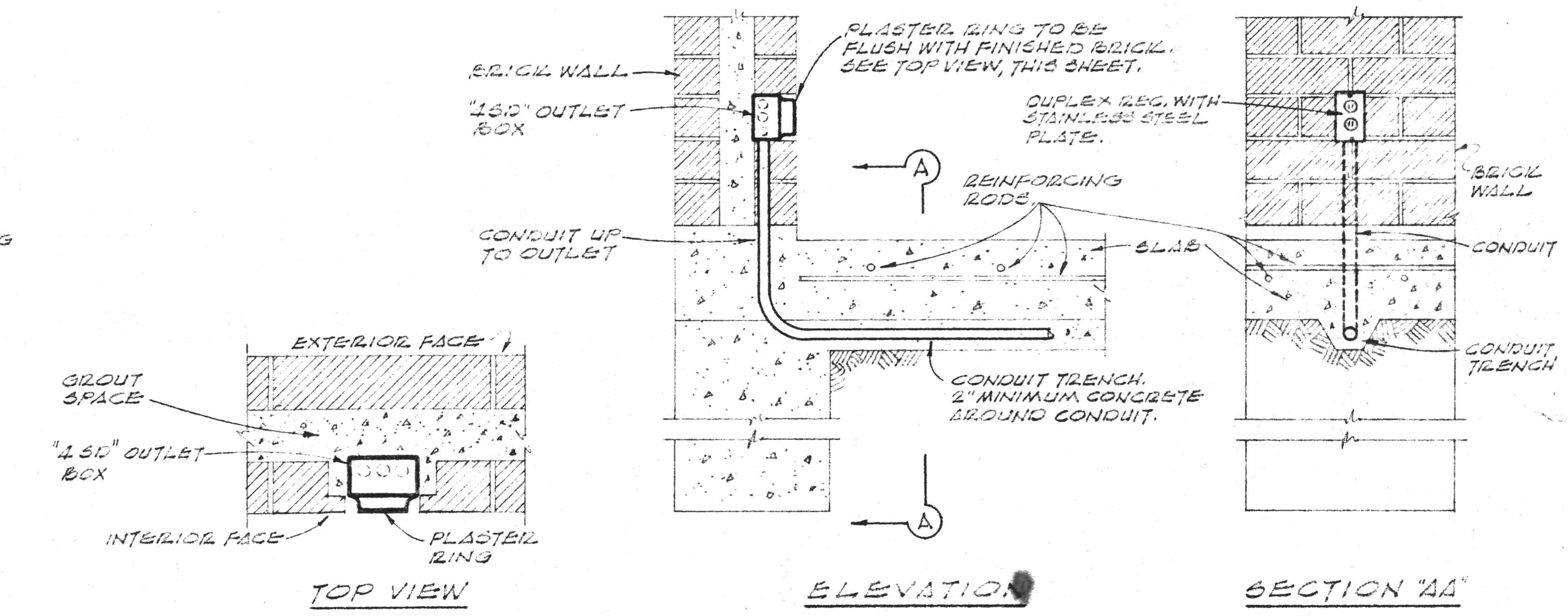


COMPOSITE CLASSROOM SECTION
SCALE: 3/8" = 1'-0"

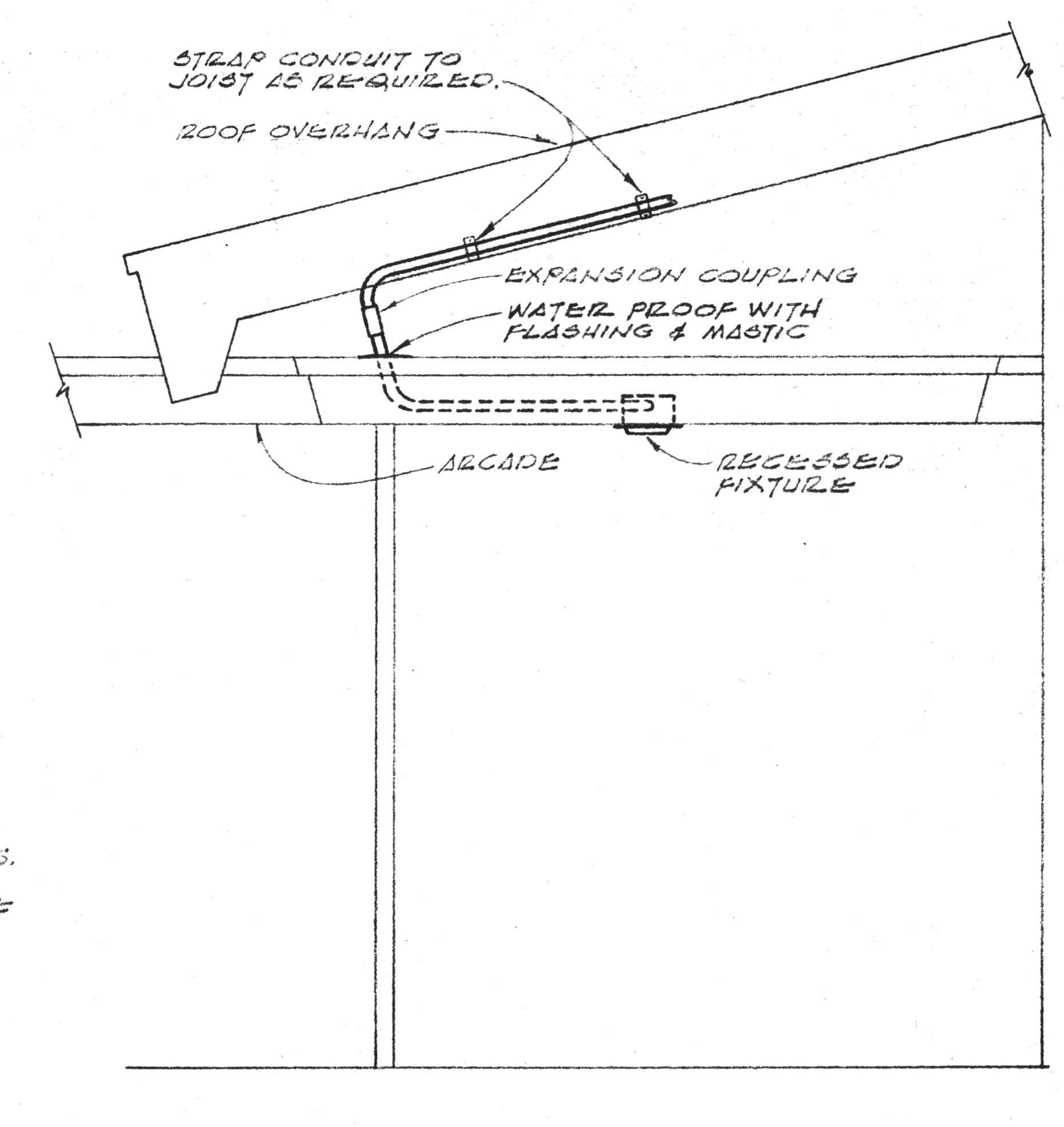
NOTE:
WHERE PANELBOARDS ARE LOCATED IN AREAS WITH SPRINKLER HEADS, THE PANELBOARDS SHALL BE EQUIPPED WITH GASKETED DOORS & DRIP SHIELD. DRIP SHIELD SHALL BE MOUNTED ON PANELBOARD TRIM ONE INCH ABOVE DOOR OPENING AND SHALL EXTEND HORIZONTALLY ONE INCH BEYOND DOOR OPENING.



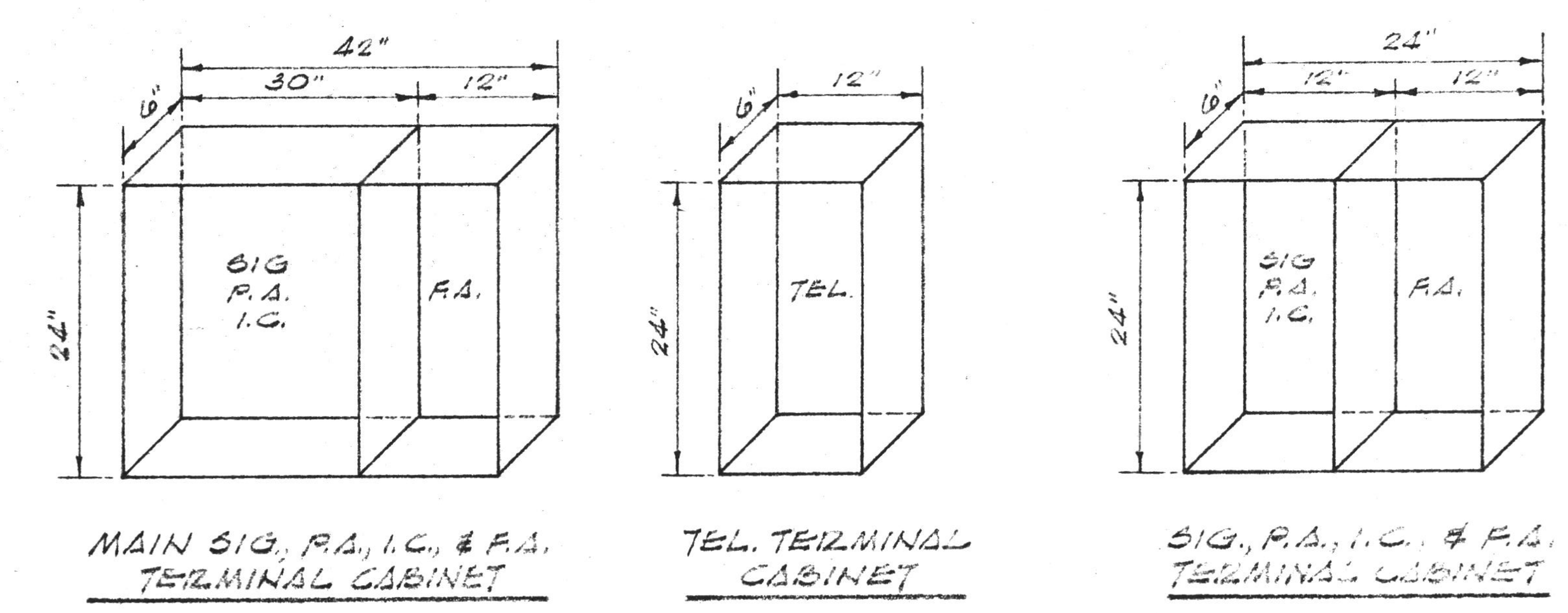
LIGHTING PANEL DETAIL
NOT TO SCALE



CONDUIT DETAILS
NOT TO SCALE



ARCADE RISER DETAIL
NOT TO SCALE



PROVIDE WESTERN ELECTRIC #30A TERMINAL BLOCKS AS REQUIRED FOR EACH COMPARTMENT & INDIVIDUAL LOCKING HINGED DOOR PER COMPARTMENT. TELEPHONE CABINET SHALL HAVE 3/4" PLYWOOD BACKING. MOUNT AS DIRECTED BY TELEPHONE CO.

TERMINAL CABINET DETAILS
NOT TO SCALE

TELEVISION NOTE:
PROVIDE & INSTALL 1/2" PLASTIC CONDUIT FROM TELEVISION OUTLET INTO ATTIC SPACE WITH SUPPORTS 12" FROM OUTLET & 54" BETWEEN SUPPORTS. PLASTIC CONDUIT SHALL STUB INTO ATTIC SPACE WITH NOT LESS THAN 24" OF FREE CONDUIT. END OF CONDUIT IN ATTIC SPACE SHALL TERMINATE ON 2" x 4" WOOD BLOCKING ANCHORED TO THE CEILING JOIST. THE OUTLET SHALL BE A "4S" BOX EQUIPPED WITH SINGLE PLASTER RING, PLASTIC PLATES, TWO TERMINAL HEADS AND SCREWS. OUTLET SHALL BE MOUNTED 12" ABOVE FLOOR AND 24" FROM THE NEAREST 120V RECEPTACLE AS INDICATED ON THE PLANS.

FIXTURE SCHEDULE

SYMBOL	MANUFACTURER	CATALOG NO.	DESCRIPTION	WATTS	LOCATION
A	SMOOT-HOLMAN	PV-288, PVC-288	PENDANT	2/150	CLASSROOMS
A1	SMOOT-HOLMAN	PV-268, PVC-268	PENDANT	2/100	UNIT "AL"
B	LIGHTING DYNAMICS	125-2-72SL-35MB	SURFACE	2/75	UNIT "MP"
B1	LIGHTING DYNAMICS	125-2-48SL-35MB	SURFACE	2/40	UNIT "AL"
C	C.W. COLE	760-2	BRACKET	300	PARTIALLY BLIND
C1	C.W. COLE	760-3	BRACKET	225	PARTIALLY BLIND
D	MARCO	FR-J3-395-P	RECESSED DROP FRESNEL	300	UNIT "MP"
E	MARCO	FR-J30-395-P	RECESSED FLAT FRESNEL	300	KITCHEN
F	MARCO	J1-96-P	RECESSED FLAT FRESNEL	150	KINDERGARTEN
G	MARCO	J1-91-P	RECESSED DROP OPAL	150	EXTERIOR
H	MARCO	J10-91-P	RECESSED DROP OPAL	100	EXTERIOR
J	MARCO	JR-40-P	ROUND RECESSED	150	MULTI PURPOSE
K	LIGHTOLIER	4317	OPALITE DRUM TYPE	2/75	TOILETS
L	SMOOT-HOLMAN	RB-200	PENDANT GLOBE	300	UNIT "MP"
M	LITECRAFT	H-602-H	SATIN ALUMINUM SWIVEL BULLET	PAR 38 SPOT	MULTI-PURPOSE
N	CROUSE-HINDS	ARB 33	VAPOR PROOF	200	DISHWASHING
P	SHALDA	206-BCB-206-BC2 ADAP. W. 103 LAMPHLDR.	ADJUSTABLE BOX MTD.	PAR 38 FLOODS	EXTERIOR
Q	ALABAX	AL 898	PORCELAIN SOCKET	AS NOTED	UTILITY ROOMS
R	McPHILBEN	50W-6MX	WALL MTD.	2/25	UNIT "MP"
R1	McPHILBEN	50C-6MX	CEILING MTD	2/25	UNIT "MP"
R2	McPHILBEN	50C-6WMX	SURFACE	2/25	UNIT "MP"
R3	McPHILBEN	50C-6MDMX	SURFACE	2/25	UNIT "MP"
S	LITECRAFT	H-687-E SATIN ALUMINUM	WALL MTD.	R-30-75	UNIT "AL"
U	MARCO	FR J711	RECESSED	R-30-75	UNIT "MP"
V	LITECRAFT	B142	PENDANT	500	UNIT "AL"

APPROVED: [signature] ARCHITECT
Earl L Holmberg EE2290
ENGINEER

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
29497
APPL. NO.
OCT 1960
DATE
[signature] PRINCIPAL STRUCTURAL ENGINEER

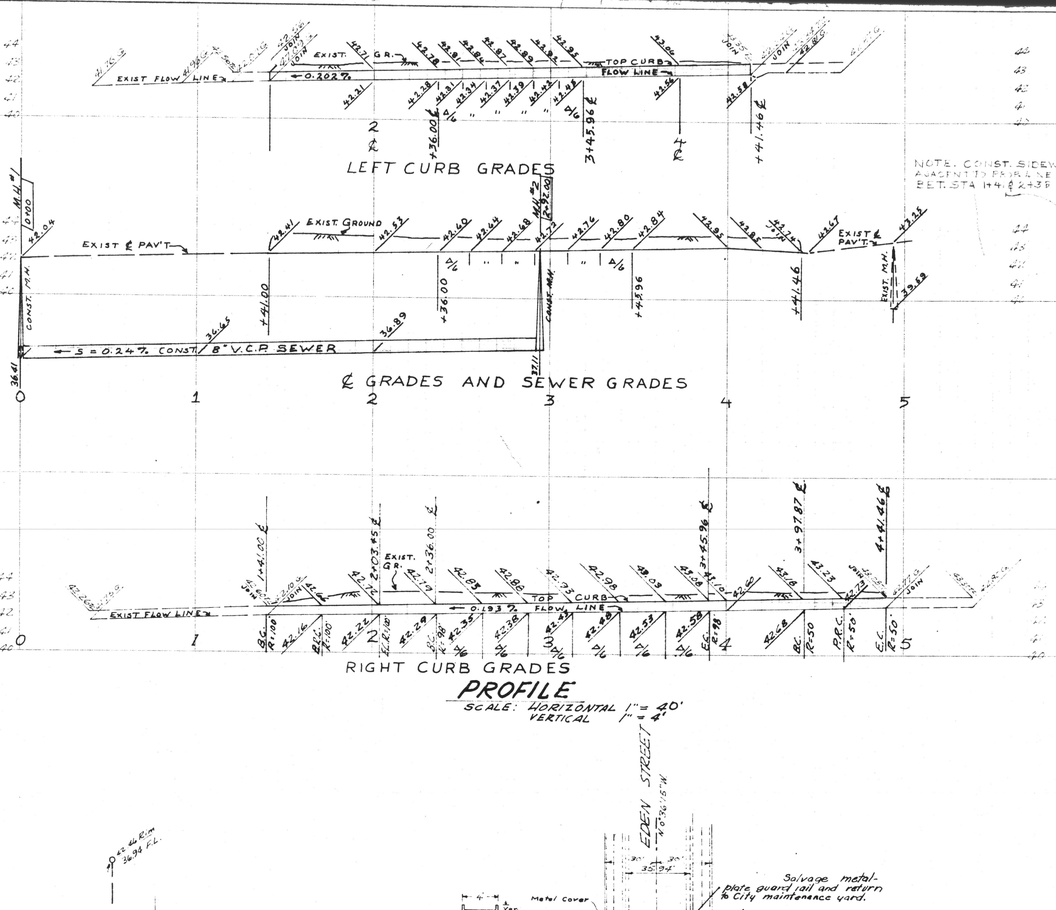
APPROVED: FOR THE DISTRICT [signatures]

DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT
MADISON AT EDEN — WESTMINSTER, CALIFORNIA

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

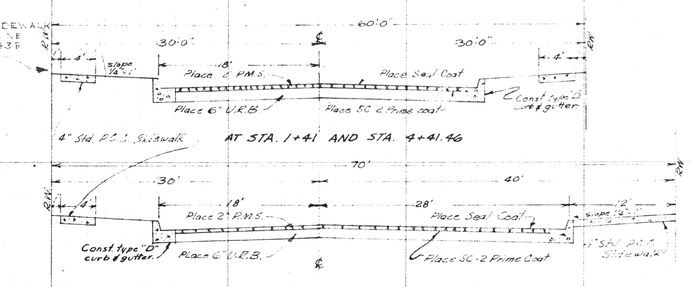
LEE B. KLINE, ARCHITECT, A.I.A.
963 WEST COLORADO LOS ANGELES 41 CLINTON 4-2241

DATE OF DRAWING
DRAWN BY SD
DRAWING NO. E-7 OF 54



PROFILE

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



FROM STA. 2+03.45 TO STA. 3+97.87

TYPICAL SECTION

SCALE: HORIZONTAL 1" = 8'
VERTICAL 1" = 4'

GENERAL NOTES

1. IF DRIVEWAY DEPRESSIONS ARE MADE IN CURB DRIVEWAY APPROACHES TO BE A PART OF THIS PLAN, AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH ORANGE COUNTY STD. PLANS NO. 317.
2. STATIONING REFERS TO CENTERLINE OF STREETS.
3. ALL CURB DATA REFERS TO FACE OF CURB.
4. ALL WORK DONE SHALL CONFORM TO THE COUNTY OF ORANGE STREETS AND HIGHWAY SPECIFICATIONS DATED JAN. 30, 1951, AND STREETS AND HIGHWAY STANDARD PLANS, DATED JAN. 30, 1951.
5. WATER HOUSE CONNECTION LATERALS WILL BE INSTALLED TO THE PROPERTY LINE PRIOR TO PAVING OF STREETS.
6. FIRE HYDRANTS WHERE INSTALLED SHALL BE RENSSELAR LIST 90-A OR APPROVED EQUAL.
7. IN ACCORDANCE WITH THE EXCAVATION ORDINANCE, ANY EXISTING PAVING DISTURBED BY INSTALLATION OF UNDERGROUND UTILITIES SHALL BE COVERED BY A PERMIT.
8. AFTER PLANT MIX SURFACING HAS BEEN OPEN TO TRAFFIC FOR A PERIOD OF NOT LESS THAN FOUR WEEKS, A SEAL COAT CONSISTING OF ASPHALTIC EMULSION SHALL BE APPLIED.
9. WATER MAINS SHALL BE INSTALLED TWO (2) FEET BEHIND CURB WHERE PRACTICAL.
10. ALL UNDERGROUND UTILITIES TO BE INSTALLED PRIOR TO PAVING.
11. ANY EXCAVATION WITHIN THE EXISTING TRAVELED WAY MADE IN CONJUNCTION WITH THIS IMPROVEMENT SHALL BE RESURFACED WITHIN TWO WEEKS AFTER THE EXCAVATION IS MADE.
12. AFTER THE STREET HAS BEEN EXCAVATED TO SUBGRADE THE CITY ENGINEER RESERVES THE RIGHT TO REVIEW THE REQUIRED U.R.B. IF NECESSARY REQUIRE A CHANGE IN THE REQUIRED U.R.B.
13. THE CONTRACTOR SHALL DETERMINE THE TRUE LOCATION OF ANY UNDERGROUND UTILITIES AND SHALL BE RESPONSIBLE FOR DAMAGE TO ANY PUBLIC OR PRIVATE UTILITY.
14. ALL WORK SHALL BE SUBJECT TO INSPECTION, AND THE CITY ENGINEER SHALL BE NOTIFIED 24 HOURS PRIOR TO THE REQUIRED INSPECTION BY TELEPHONE - TWINOAKS 3-3563
15. PRIOR TO EXCAVATION OR INSTALLATION OF ANY IMPROVEMENTS, A PERMIT SHALL BE OBTAINED FROM THE ORANGE COUNTY HIGHWAY DEPT.

CONTROL OF MATERIALS

1. CONCRETE AGGREGATE
   - A. COARSE AGGREATE FOR CONCRETE MIXTURE SHALL HAVE A CLEANNESS VALUE OF NOT LESS THAN 75 WHEN SUBJECTED TO THE CLEANNESS TEST PERFORMED IN ACCORDANCE WITH CALIFORNIA TEST METHOD #227-A, JULY 1, 1957.
   - B. THE AVERAGE VALUE OF THE SAND EQUIVALENT FOR CONCRETE SAND DETERMINED ON THREE SUCCESSIVE SAMPLES SHALL NOT BE LESS THAN 75 WITH NO INDIVIDUAL SAMPLE LESS THAN 70 WHEN THE TEST IS PERFORMED IN ACCORDANCE WITH THE CALIFORNIA TEST METHOD #217-B, JAN. 3, 1956.

ESTIMATE OF QUANTITIES

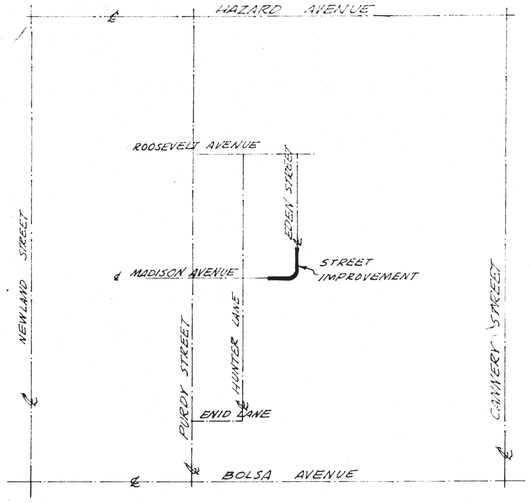
EXCAVATION	1,010. C.Y.
2" P.M.S.	12,705 Sq.Ft., 160 T
UNTREATED ROCK BASE	470. T.
SC-2 PRIME COAT (0.25 GAL/SY)	1.25 T.
SEAL COAT (0.10 GAL/SY)	0.5 T.
TYPE "D" CURB & GUTTER (MOD 2' GUTTER)	579.16 L.F.
P.C.C. SIDEWALK	4,555.04 S.F.
CONCRETE DRIVE APRONS (2)	320. S.F.
8" V.C.P. SEWER	300. L.F.
SEWER MANHOLES	2
6" V.C.P. SEWER	2 L.F.

SEWER NOTES

1. THE SEWER SYSTEM AS SHOWN ON THE "PLANS" SHALL BE CONSTRUCTED IN ACCEPTANCE WITH THE STANDARD DRAWINGS AND SPECIFICATIONS OF THE "MIDWAY SANITARY DISTRICT."
2. 4" V.C.P. SEWER HOUSE CONNECTIONS 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.
3. STANDARD SPECIFICATIONS ARE AVAILABLE AT THE OFFICE OF THE MIDWAY CITY SANITARY DISTRICT, 7631-13TH STREET, WESTMINSTER, CALIFORNIA.
4. THE MIDWAY CITY SANITARY DISTRICT SHALL BE NOTIFIED AT LEAST TWO DAYS PRIOR TO COMMENCING WORK. TWINOAKS 3-3553.
5. 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 INSTRUCTION FROM SANITARY DISTRICT INSPECTOR.
6. SEWER STATIONING DOES NOT NECESSARILY COINCIDE WITH STREET IMPROVEMENT STATIONING. SEWER STATION INDICATED 0+00.
7. HOUSE LATERALS AT END OF MAIN LINES TO BE NORMAL TO CENTER LINE OF MAIN SEWER. MAIN LINE SEWER TO BE EXTENDED WHERE NECESSARY. (CUL-DE-SAC SEWERS EXCEPTED)
8. ALL PIPE, PIPE JOINTS, AND PIPE FITTINGS TO BE "WEDGELOCK" OR EQUAL.
9. ALL WYES AT MAIN LINE TO BE CRADLED OR ENCASED IN CONCRETE.
10. HOUSE LATERALS TO BE INSTALLED AS CLOSELY AS POSSIBLE (WITHOUT CUTTING TILE) TO LOCATIONS AS SHOWN ON IMPROVEMENT PLANS.

APPROVED: MIDWAY CITY SANITARY DISTRICT

PRESIDENT — 2-7-60 DATE



LOCATION MAP

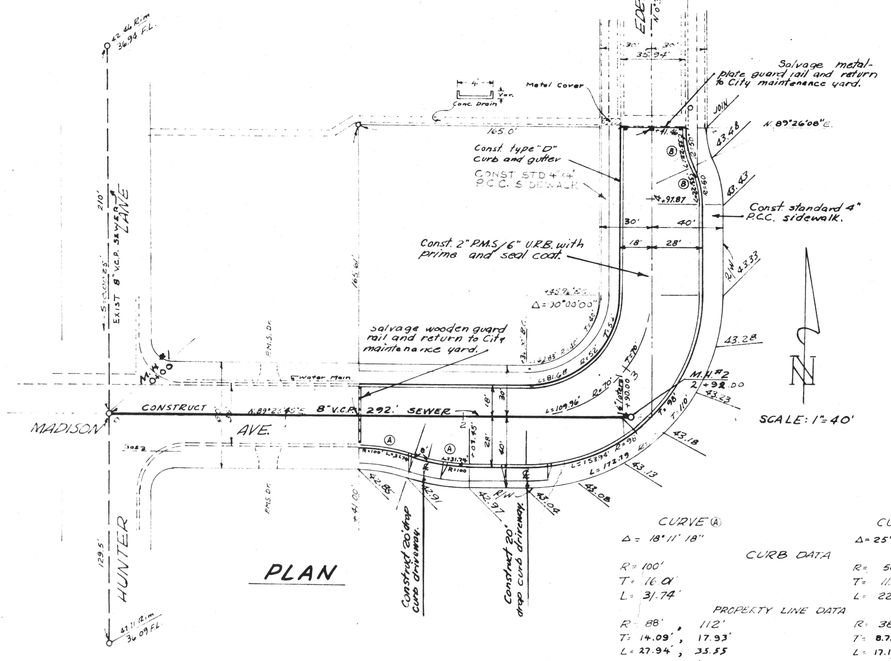
SCALE: 1" = 400'

BENCH MARK ELEVATION = 42.716 = O.C.S. B.M. TAG R.E. 7822 N.E. INT. OF BOLSA AND CANNERY IN THEN END OF WING WALL OF CULVERT

T.B.M. ELEV = 43.33 S. END OF W. CURB OF EDEN STREET

BEARINGS BASED ON S. LINE TR 3170, (N. 89° 26' 39" E.) AS SHOWN ON A MAP RECORDED IN BOOK 95, PAGES 35 TO 38 INCL.

APPROVED BY: _____ DATE Sept. 13, 60
ASSISTANT ROAD COMMISSIONER AND COUNTY SURVEYOR



CURVE (A): Δ = 18°11'18"; R = 100'; T = 16.01'; L = 31.74'

CURVE (B): Δ = 25°50'31"; R = 50'; T = 11.47'; L = 22.55'

CURB DATA

PROPERTY LINE DATA

R	88',	112',
T	14.09',	17.93'
L	27.94',	35.53'
R	38',	62',
T	8.72',	14.22'
L	17.14',	27.96'

CITY OF WESTMINSTER

STREET IMPROVEMENTS FOR EDEN STREET & MADISON AVENUE CONNECTION

PLANS BY:
B. W. WILLIAMSON
1523 E. 1ST STREET, KI. 7-6721
SANTA ANA DATE
B.W. Williamson
REG. CIVIL ENGR. NO. 10180

APPROVED: AUG. 8, 1960
Tracy Tappan
REG. CIVIL ENGR. NO.

CHECKED BY:
CHECKED BY:

SHEET 1 OF 7 SHEETS

APPROVED: _____ ARCHITECT / ENGINEER

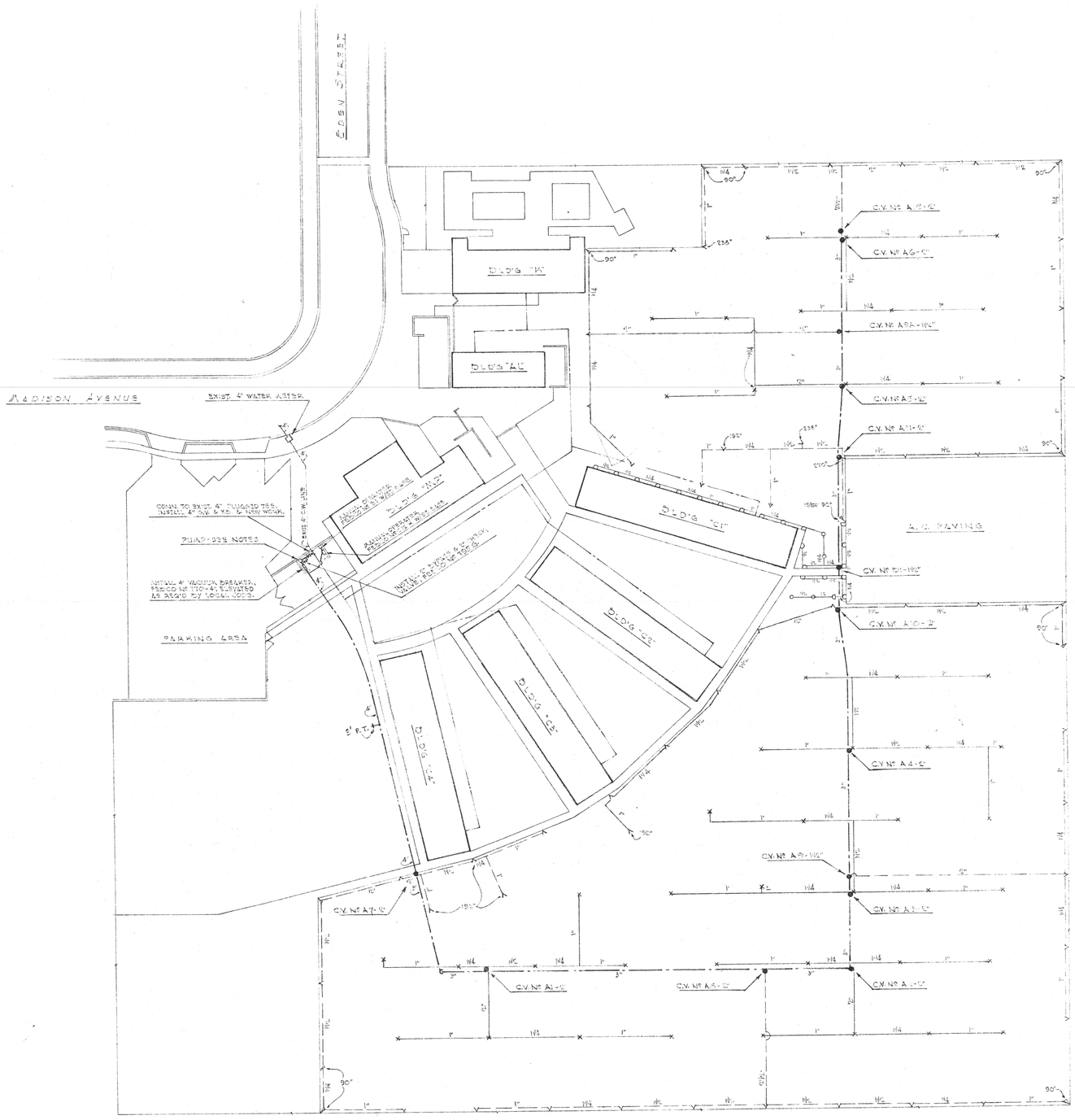
APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
APPL. NO.
DATE — PRINCIPAL STRUCTURAL ENGINEER

APPROVED: FOR THE DISTRICT

DR. JESSIE HAYDEN SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT
MADISON AT EDEN — WESTMINSTER, CALIFORNIA

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

DATE OR DRAWING
DRAWN BY
DRAWING NO. G-1 OF 64



LEGEND

- ○ ◐ ◑ FULL, HALF, & QUARTER CIRCLE POPUP LAWN HD. FEELSONIK 20H-P, H, N, Q.
- × FULL CIRCLE POPUP ROTARY HD. THOMPSON NO 184-4H 8A-PSRC
- V PART " " " " " " 188-4H/64" (178° UNLESS NOTED)
- ● CONTROL VALVE
- ⋈ GATE VALVE & VALVE BOX
- NEW CONTINUOUS PIPING-GALVANIZED TYP. PLASTIC WHERE NOTED AS.
- EXIST. " " " " " " " "
- EXIST. C.W. LINE
- NEW MAIN " - JOINED-MALLEABLE-TRANSITIONS-SEE PT. NO.

NOTES

ALL CONTROL VALVES SHALL BE INDICATED WITH A VALVE MARKER, PERLOC NO 401, INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS.

ALL PART CIRCLE POPUP ROTARY HDS. NOT TOUCHING CURBS OR FENCES SHALL BE EQUIPPED WITH RUBBER COVERS.

CONTROL VALVES NO A-6 & NO A6A SHALL BE GROUPED TOGETHER WITH BOX OF LABELED TYP. PLASTIC KEY, & SHALL OPERATE SIMULTANEOUSLY.

PUMP SHALL BE CENTRIFUGAL SUCTION TYPE IN HIGH GPM & LOW HEAD, SHALL BE PEERLESS SIZE 6HA & BE RATED 3 HP, 3 PHASE 440 V., 60 CYCLES, SINGLE PHASE MOTOR V. ETC.

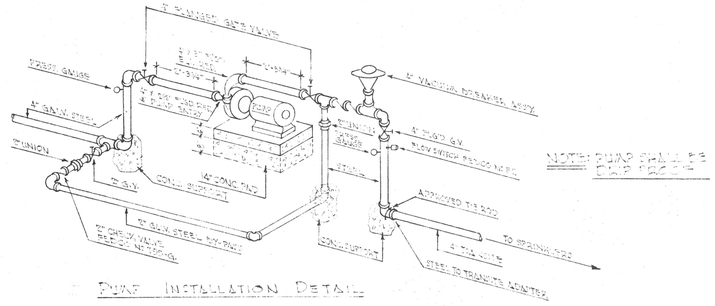
PUMP SHALL BE INSTALLED ON 24" SQ. CONCRETE (OR PRECAST) BASE WITH 4" TOP EXTENDING 4" BEYOND BASE ON ALL SIDES, SHALL BE ENCLOSED WITH CHAIN LINK FENCE WITH STEEL POSTS, 4' HIGH, WITH 1 GATE 4' WIDE, LOCATION (AS APPROVED BY THE ENGINEER OF RECORD) TO BE COORDINATED WITH ELECTRICAL SERVICE ENTRANCE, TEL. PHONE, VALVE BOXES, MANUAL OPERATOR ETC.

A FLOW SWITCH PERLOC NO 950 SHALL BE INSTALLED ON SUCTION END OF PUMP & CONNECTED TO A MAGNETIC STARTER ON THE MOTOR.

SCALE 1" = 40'-0"

WATER PRESSURE = 60 P.S.I.

ZONE AS HOLDING TO BE 201 WATER PRESSURE


4" GATE VALVE
4" GALV. STEEL
4" UNION
4" GALV. STEEL NIPPLE
4" GALV. STEEL
4" GALV. STEEL
4" GALV. STEEL