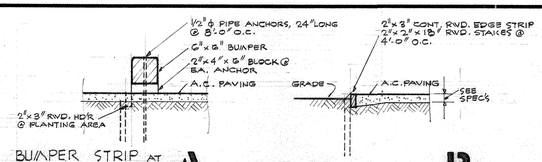
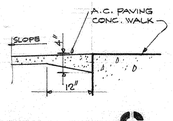
SHEET SCHEDULE

SHEET	TITLE
1	PLOT & GRADING PLAN & SHEET SCHEDULE
2	MULTI-PURPOSE PLAN UNIT B & DETAILS
3	CLASSROOM PLAN UNIT C. UNITS A, & E.
4	CLASSROOM PLANS, UNITS F, D
5	FINISH SCHEDULE & DETAILS
6	EXTERIOR ELEVATIONS A, B, C, D, & E.
7	EXTERIOR ELEVATION UNIT E, & DETAILS
8	DOOR & WINDOW DETAILS
9	DOOR & WINDOW SCHEDULE
10	EAVE DETAILS
11	EAVE DETAILS & ROOF PLAN
12	CLASSROOM INTERIOR ELEV'S & DETAILS
13	KINDERGARTEN INTERIOR ELEV'S
14	TOILET ROOM INT. ELEV'S & DET'S
15	ADMINISTRATION UNIT A, INT. ELEV'S & DET'S.
16	MULTI-PURPOSE INT. ELEV'S & CEIL. PLAN
17	MULTI-PURPOSE INT. ELEV'S & MISCEL. DET'S
18	KITCHEN PLAN & INTERIOR ELEVATIONS
19	KITCHEN & MISCEL. DETAILS.
S-1	FOUNDATION PLAN UNIT B.
S-2	FOUNDATION PLAN UNITS A, E, C.
S-3	FOUNDATION PLAN UNITS D, F.
S-4	ROOF FRAMING PLAN UNIT B
S-5	ROOF FRAMING PLAN UNITS A, C, D, E, F.
S-6	SECTIONS & DETAILS
S-7	TYPICAL DETAILS.
E-1	PLOT PLAN & SERVICE DETAILS
E-2	ELECTRICAL FLOOR PLANS
E-3	UNIT B PANEL SCHEDULES
E-4	SYMBOLS & DETAILS
P-1	PLOT PLAN & DETAILS
P-2	PLUMBING PLAN UNIT B & DETAILS
P-3	PLUMBING PLAN UNITS D & F.
P-4	PLUMBING PLAN UNITS A, C & E
P-5	PLUMBING DETAILS & SCHEDULE
H-1	HEATING PLANS, SECTIONS & DETAILS UNIT B.
H-2	HEATING PLANS, UNIT D, F, & DETAILS.
H-3	HEATING PLANS, UNIT A, C, SECTIONS & DETAILS
H-4	HEATING PLAN UNIT E & DETAILS
H-5	HEATING DETAILS & SCHEDULES

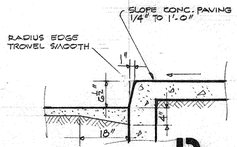


BUMPER STRIP AT PARKING AREA **A**

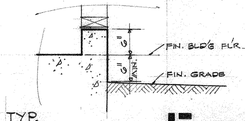
A.C. PAVING EDGE **B**



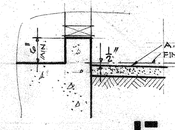
A.C. @ CONC. **C**



CURB @ BUS LOADING **D**

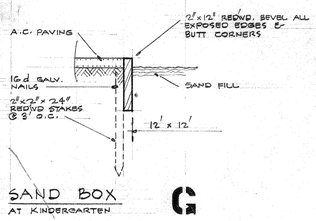


TYP. FIN. GRADE @ BLDG. **E**



TYP. A.C. PAV. @ BLD'G **F**

SCALE 3/4" = 1'-0"

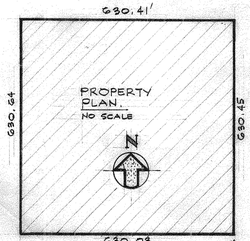


SAND BOX AT KINDERGARTEN **G**

NOTE:
EXISTING NON-SMOG CONTROL INCINERATOR TO REMAIN.

NOTE:
EXISTING PLAYGROUND EQUIP'MENT TO BE MOVED BY SCHOOL DISTRICT

NOTE:
EXISTING PLAYGROUND PERIMETER POSTS TO BE REMOVED BY DISTRICT.



NOTE: RUN CHAIN LINK FENCE AROUND ENTIRE PROPERTY

SYMBOLS:

⬡ = FLOOR PLAN SHEET NUMBER

◈ FIN. CONC. FLOOR ELEV. OF BUILDING

A.C. = ASPHALTIC CONC. PAVING / T.C. = TOP OF CONC.; T.W. = TOP OF WALL; C.L. = CHAIN LINK.

GENERAL NOTES:

CHAIN LINK FENCE WHERE INDICATED & CONTINUOUS AROUND ENTIRE PROPERTY, (6'-0" HIGH)

TREES INDICATED THUS ⊙ TO REMOVED & RELOCATED BY SCHOOL DISTRICT.

PLOT PLAN

SCALE 1" = 20'

00.0' ——— FINISH GRADE

'00.0' ——— NATURAL GRADE

LEGAL DESCRIPTION

SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION ONE, TOWNSHIP FIVE SOUTH, RANGE ELEVATION WEST, S.B.B. & M. RANCHO LAS BOLAS, COUNTY OF ORANGE, STATE OF CALIF

NEW CONC. PAVING = EXISTING CONC. PAVING

NEW ASP. CONC. PAV. = EXISTING ASP. CONC. PAVING

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EUSTON T. SIMMONS, Supt. of Schools
Chester E. Hopper, Deputy

LEE B. KLINE ARCHITECT A.I.A.
1741 SILVERLAKE BOULEVARD LOS ANGELES 26 NORMANDY 5-5166

BRANDOW & JOHNSTON
STRUCTURAL ENGINEERS
2430 WEST THIRD ST. DUNKIRK 5-2895
LOS ANGELES 57, CALIFORNIA

ADDITIONS TO THE SUN GARDEN VILLAGE SCHOOL FOR THE
WESTMINSTER SCHOOL DISTRICT
13451 SOUTH NEWLAND STREET WESTMINSTER, CALIFORNIA

APPROVED: Lee B. Kline
ARCHITECT
Ragnar Johnston
ENGINEER

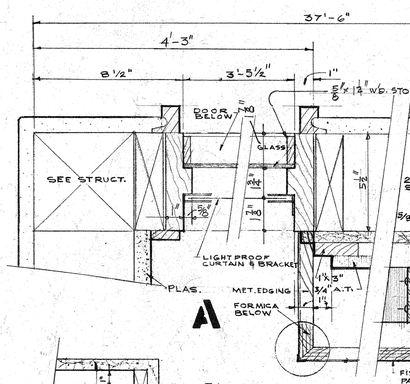
APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
14118
APPL. NO.
MAR 7 - 1956
DATE
E. Murray
PRINCIPAL STRUCTURAL ENGINEER

APPROVED: FOR THE DISTRICT
Lola Clegg
Byron L. Bolles

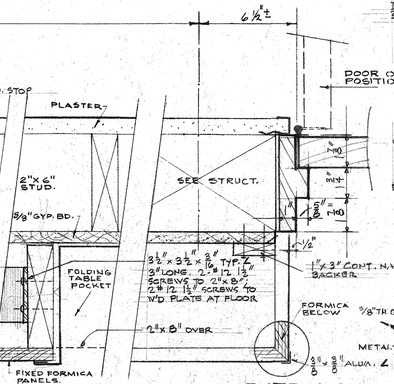
DATE OF DRAWING 3-6-56
DRAWN BY

DRAWING NO. 1 OF 19 SHTS.

405

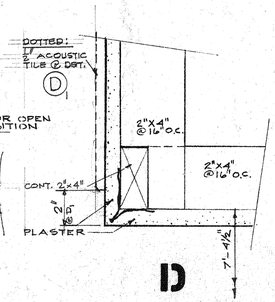


A



B C

JAMBS ENTRANCE



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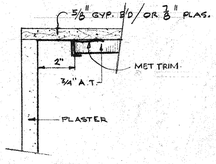
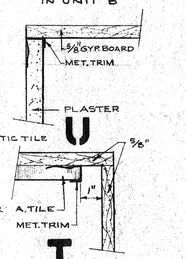
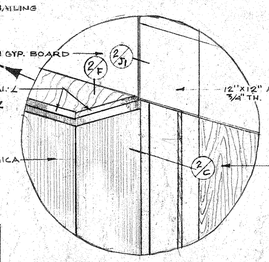


E

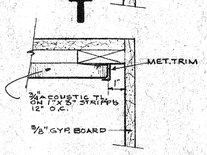
TYPICAL IN UNIT "B"



U T



CORNER AT ENTRANCE



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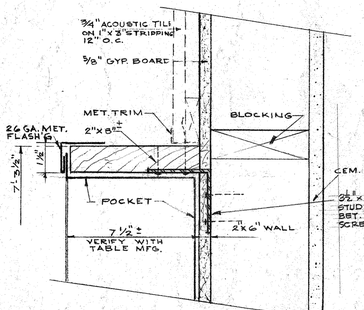
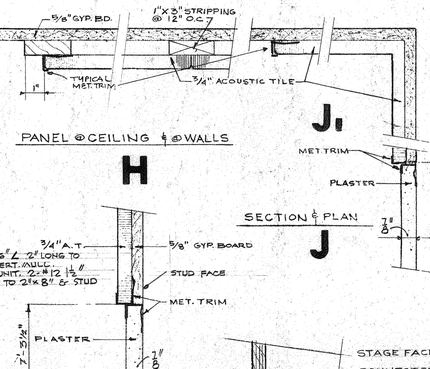


TABLE @ WALL

F

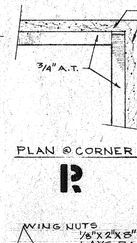


PANEL @ CEILING & @ WALLS

H

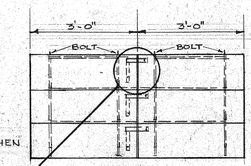
SECTION & PLAN

J

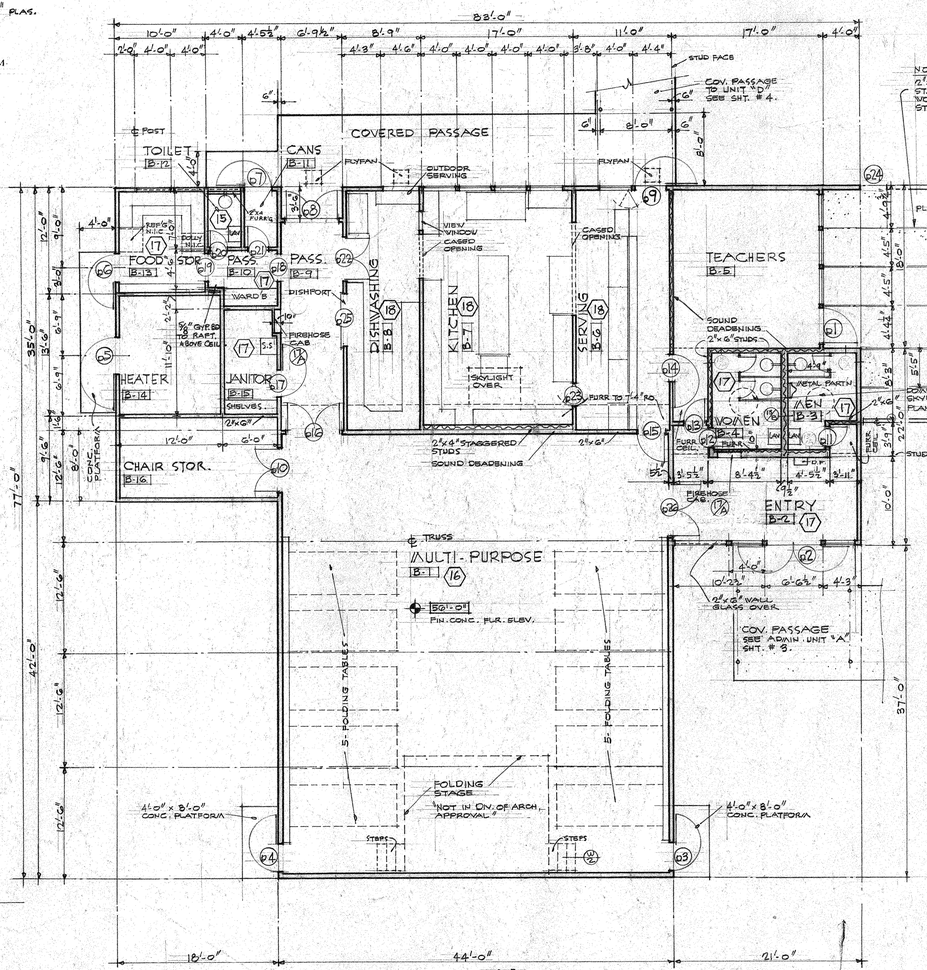


PLAN @ CORNER

R



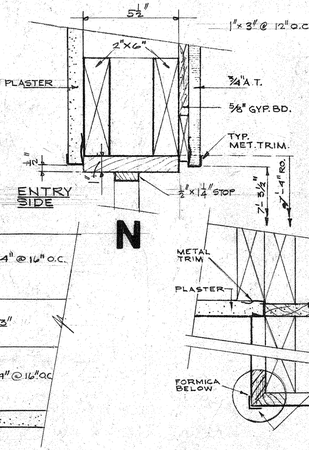
PLAN 1/2" = 1'-0"



MULTI-PURPOSE UNIT "B"
SCALE 1/8" = 1'-0"

N

M



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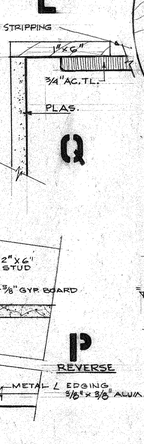
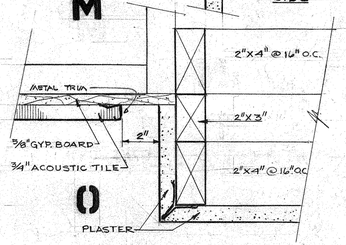
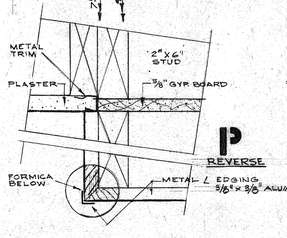


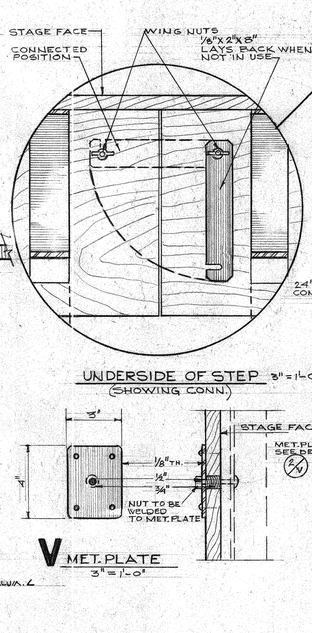
Q



O



P REVERSE



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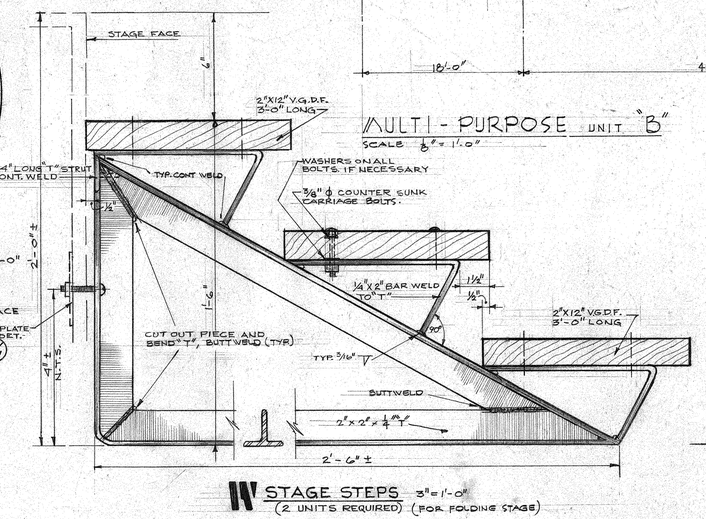
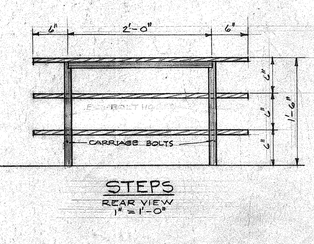


W STAGE STEPS 3" = 1'-0"
(2 UNITS REQUIRED) (FOR FOLDING STAGE)



STEPS
REAR VIEW
1" = 1'-0"

ALL DETAILS
MULI-PURPOSE & ENTRY
SCALE: 3" = 1'-0"

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LEE B. KLINE ARCHITECT A.I.A.
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BRANDOW & JOHNSTON
STRUCTURAL ENGINEERS
2430 WEST THIRD ST. DUNKIRK 5-2695
LOS ANGELES 57, CALIFORNIA

ADDITIONS TO THE SUN GARDEN VILLAGE SCHOOL FOR THE
WESTMINSTER SCHOOL DISTRICT
13451 SOUTH NEWLAND STREET WESTMINSTER, CALIFORNIA

APPROVED: Kelly Kline
ARCHITECT
Ray S. Johnston
ENGINEER

APPROVED: 14118
APPL. NO.
MAR 7 - 1956
DATE

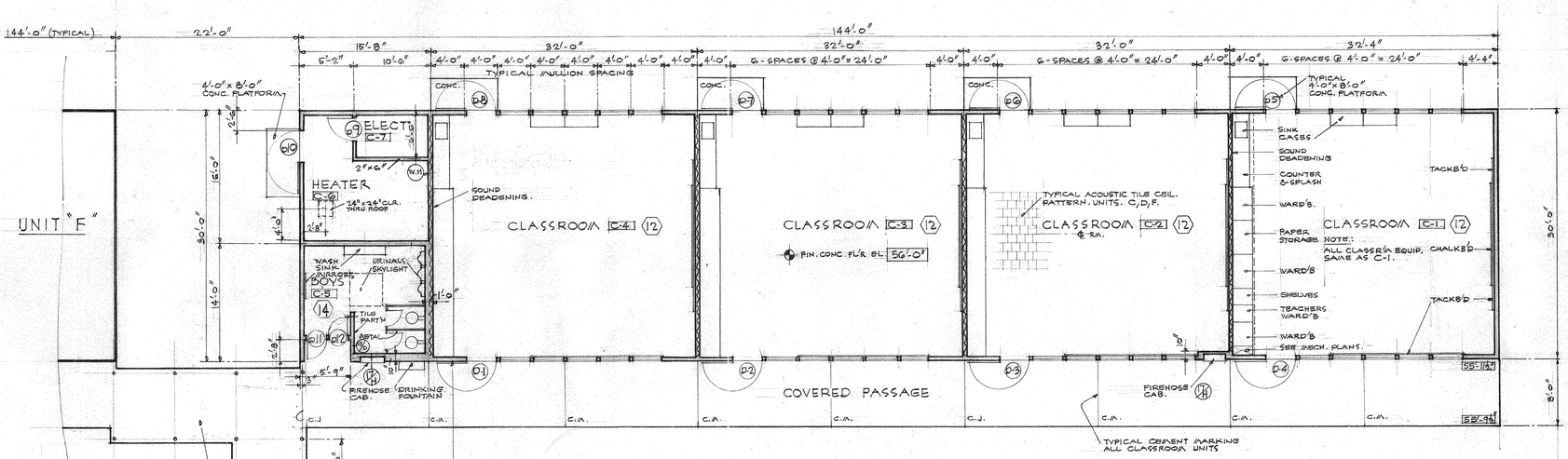
STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WKS.
DIVISION OF ARCHITECTURE
E. Maag Sol
PRINCIPAL STRUCTURAL ENGINEER

APPROVED: FOR THE DISTRICT
Ada Clegg
Byron L. Coulter

DATE OF DRAWING 3-6-56
DRAWN BY GEM

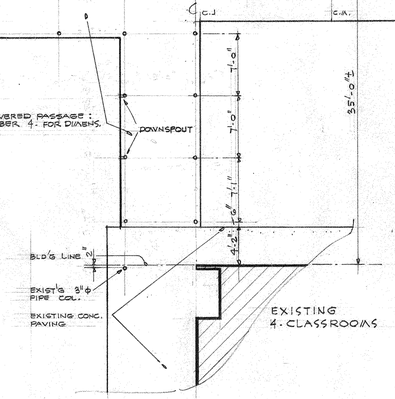
DRAWING NO. 2
OF 19 SHTS.

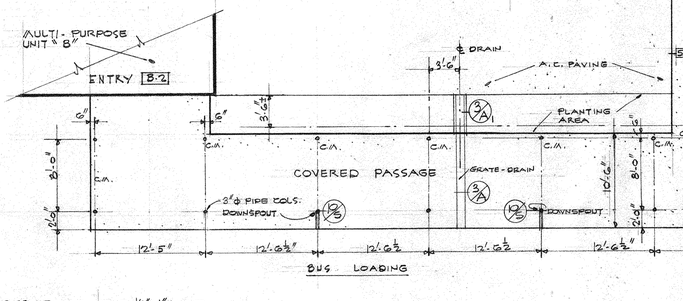
405

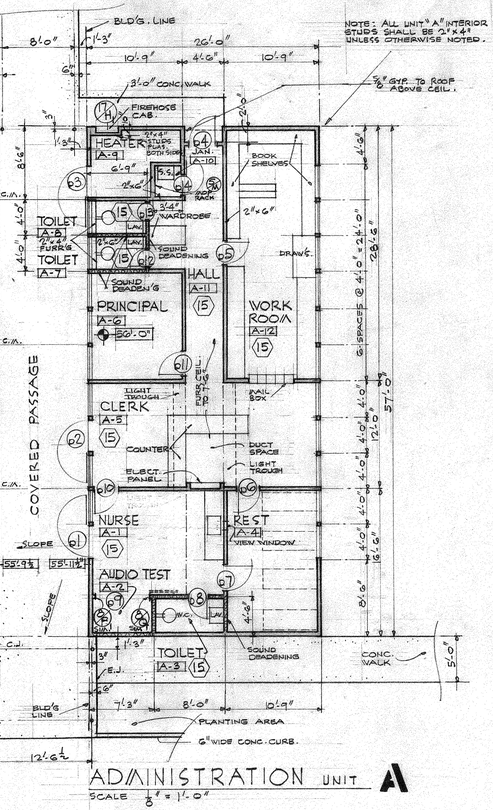


CLASSROOM UNIT **C**

SCALE ⅛" = 1'-0"







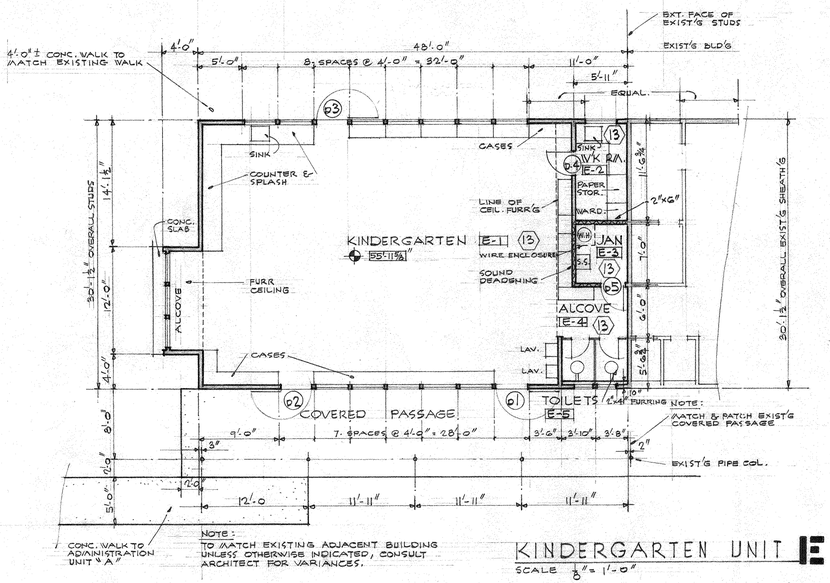
ADMINISTRATION UNIT **A**

SCALE ⅛" = 1'-0"

ABBREVIATIONS:
C.J. = COLD JOINT
E.J. = EXPANSION JOINT
C.M. = CONC. MARKING
P.R. = PASSAGE ROOF.

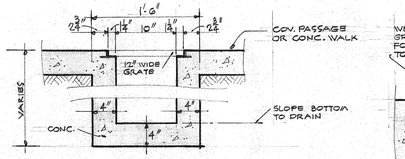
⬡ INDICATES SHEET NUMBER OF INTERIOR ELEVATIONS

⌖ INDICATES FIN. CONC. BLD'G FLOOR

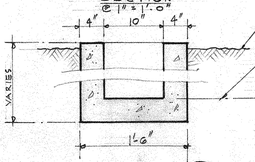


KINDERGARTEN UNIT **E**

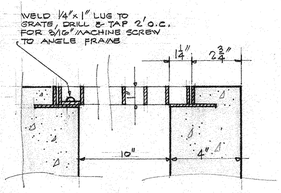
SCALE ⅛" = 1'-0"



SECTION @ 1" = 1'-0"



SECTION @ 1" = 1'-0" (3/A1)



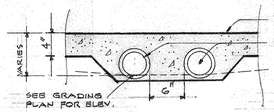
TYPICAL FASTENING SECTION

SCALE: 3" = 1'-0"

TYP. PASSAGE OR CONC. WALK

DRAIN DETAIL **A**

SUPERWELD OR EQUAL GRATE



DRAIN DETAIL **B**

SCALE 1" = 1'-0"

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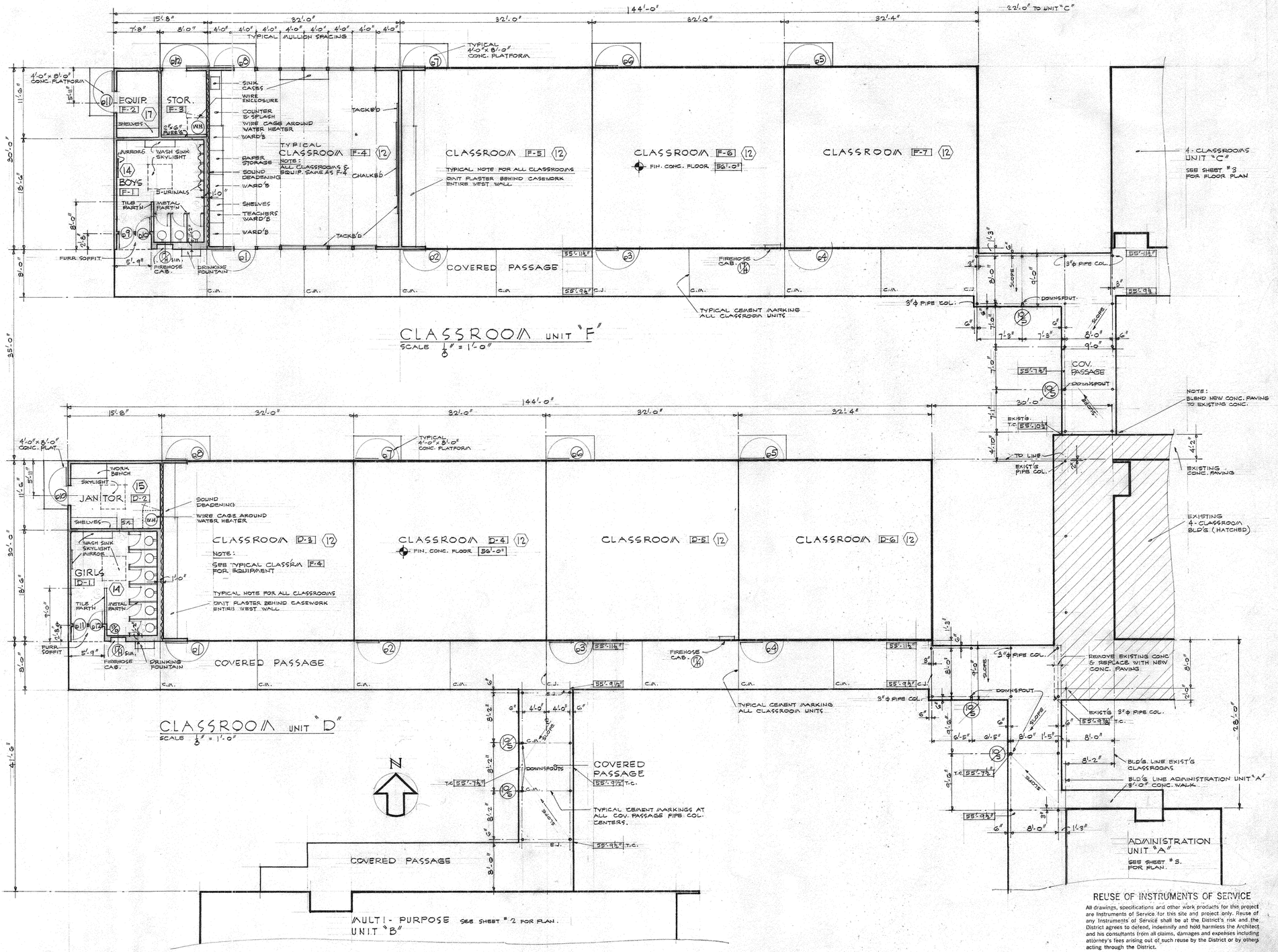
LEE B. KLINE ARCHITECT A.I.A. 1741 SILVERLAKE BOULEVARD LOS ANGELES 26 NORMANDY 5-5166	BRANDOW & JOHNSTON STRUCTURAL ENGINEERS 2430 WEST THIRD ST. DUNKIRK 5-2895 LOS ANGELES 57, CALIFORNIA	ADDITIONS TO THE SUN GARDEN VILLAGE SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT 13451 SOUTH NEWLAND STREET WESTMINSTER, CALIFORNIA	APPROVED: ARCHITECT ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE 14118 APPL. NO. MAR 7 - 1956 DATE PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT	DATE OF DRAWING 3-6-56 DRAWN BY	DRAWING NO. 3 OF 19 SHTS.



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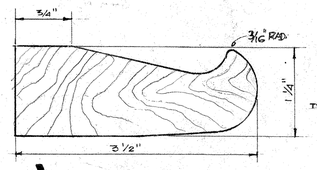
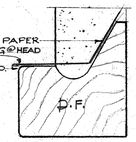
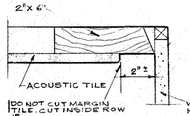
LEE B. KLINE ARCHITECT A.I.A. 1741 SILVERLAKE BOULEVARD LOS ANGELES 26 NORMANDY 5-5166	BRANDOW & JOHNSTON STRUCTURAL ENGINEERS 2430 WEST THIRD ST. DUNKIRK 5-2895 LOS ANGELES 57, CALIFORNIA	ADDITIONS TO THE SUN GARDEN VILLAGE SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT 13451 SOUTH NEWLAND STREET WESTMINSTER, CALIFORNIA	APPROVED: Lee B. Kline ARCHITECT Ray M. Johnston ENGINEER	APPROVED: 14118 APPL. NO. MAR 7 - 1956 DATE	STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE E. Macgroe PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT Ada Clegg Byron L. Bales	DATE OF DRAWING 3-6-56 DRAWN BY	DRAWING NO. 4 OF 19 SHTS.



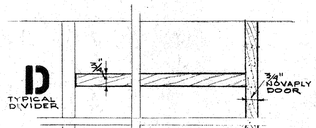
A FULL SIZE CHALK-RAIL

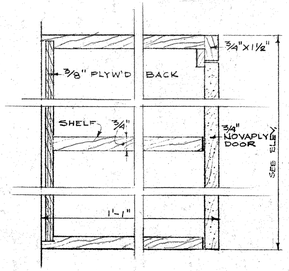


B EXTERIOR PLAS. GROUND

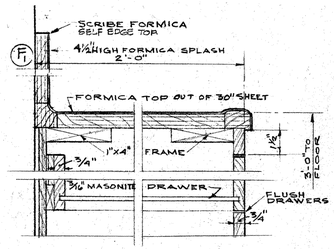


C ACOUSTIC TILE EDGE MARGIN

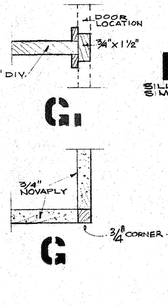


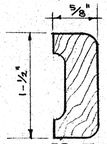


E OVER-HEAD CAB.

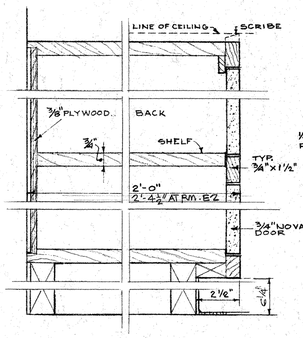


F CABINET WITH DRAWERS





R TYPICAL HARDW'D TRIM, BIRCH
SCALE: FULL SIZE



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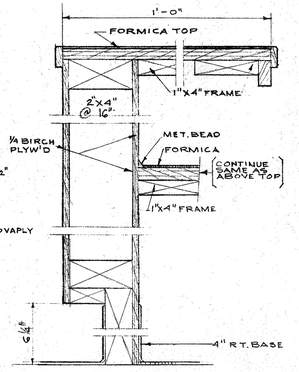
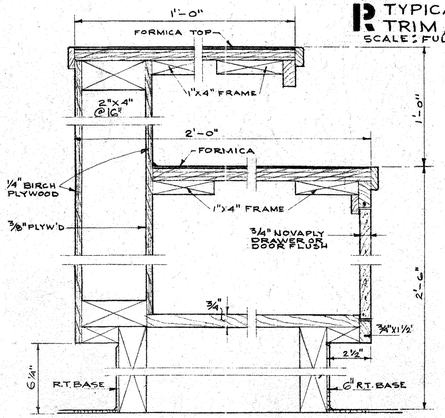
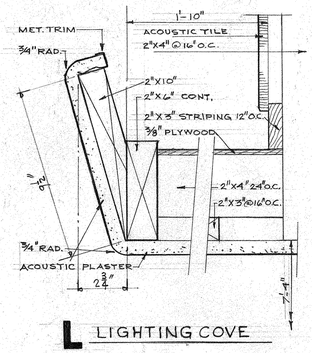


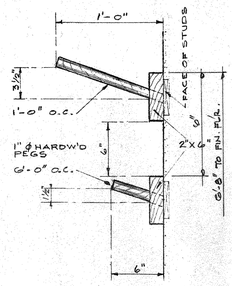
J CLERK'S COUNTER



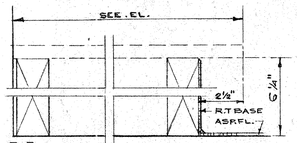
K CLERK'S COUNTER
- STORAGE SPACE -



L LIGHTING COVE



M MOP RACK
SCALE 1 1/2" = 1'-0"



N TYPICAL RUB. TL. BASE

ALL DETAILS 3"=1'-0"
UNLESS STATED DIFFERENT

FINISH SCHEDULE

NOTE: CEILING HEIGHTS ARE TO BOTTOM OF JOISTS OR TO BOTTOM OF STRIPPING WHERE STRIPPING OCCURS.

LEGEND
ASP. - ASPHALT
AC. - ACOUSTIC
CER. - CERAMIC
RUB. - RUBBER
GYP. BD - GYPSUM BOARD
F.F. - FACTORY FINISH

UNIT	NO.	ROOM NAME	FLOOR MATERIAL	FLOOR BASE	WALLS MATERIAL	WALLS FINISH	CEILING MATERIAL	CEILING FINISH	CEILING HEIGHT	REMARKS
"A"	A-1	NURSE	ASP. TILE	RUB. TILE	PLASTER	PAINTED	AC. TILE	F.F.	SLOPES	FURRED DUCT SPACE - 7'-6" ABOVE FLR. ACOUSTIC PLAS.
	A-2	AUDIO TEST	ASP. TILE	RUB. TILE	PLASTER	PAINTED	AC. TILE	F.F.	8'-0"	FURRED CEILING
	A-3	TOILET	ASP. TILE	RUB. TILE	PLASTER	PAINTED	AC. TILE	F.F.	8'-0"	FURRED CEILING
	A-4	REST	ASP. TILE	RUB. TILE	PLASTER	PAINTED	AC. TILE	F.F.	SLOPES	
	A-5	CLERK	ASP. TILE	RUB. TILE	PLASTER	PAINTED	AC. TILE	F.F.	SLOPES	FURRED DUCT SPACE & LIGHT TROUGHS - 7'-6" ABOVE FLR. ACOUSTIC PLASTER
	A-6	PRINCIPAL	ASP. TILE	RUB. TILE	PLASTER	PAINTED	AC. TILE	F.F.	SLOPES	
	A-7	TOILET	ASP. TILE	RUB. TILE	PLASTER	PAINTED	AC. TILE	F.F.	SLOPES	2"x4" FURR'G BEHIND WATER CLOSET
	A-8	TOILET	ASP. TILE	RUB. TILE	PLASTER	PAINTED	AC. TILE	F.F.	SLOPES	2"x4" FURR'G BEHIND WATER CLOSET
	A-9	HEATER	CONCRETE	CEM.	PLASTER	UNPAINTED	PLASTER	UNPAINTED	SLOPES	
	A-10	JANITOR	CONCRETE	CEM.	PLASTER	PAINTED	PLASTER	PAINTED	SLOPES	
	A-11	HALL	ASP. TILE	RUB. TILE	PLASTER	PAINTED	ACOUSTIC PLAS.	UNPAINTED	7'-6"	FURRED CEILING THR. SEPARATION IN ATTIC SPACE NEXT TO A-5
	A-12	WORK RM.	ASP. TILE	RUB. TILE	PLASTER	PAINTED	AC. TILE			
"B"	B-1	MULTI-PURPOSE RM.	ASP. TILE GREASE FR.	RUB. TILE	2/3 GYP. BD. 1/3 AC. TILE	PAINTED	5/8" GYP. BD. 1/2 AC. TILE	SLOW BURNING AC. TILE		ACOUSTIC PANELS ON GYP. BD. - WALLS & CEILING PLASTIC WAINSCOT AT FOLDING TABLES
	B-2	ENTRY	ASP. TILE GREASE FR.	RUB. TILE	PLASTER	PAINTED	3/8" AC. TILE ON GYP. BD. 5/8"	F.F.		B-2a, B-2b FURR TO 7'-2" RO. PLASTER CEILING
	B-3	MEN	CER. TILE	CER. TILE	PLASTER	PAINTED	AC. TILE ON GYP. BD. 5/8"	F.F.	8'-0"	CER. TILE @ URINAL
	B-4	WOMEN	CER. TILE	CER. TILE	PLASTER	PAINTED	AC. TILE ON GYP. BD. 5/8"	F.F.	8'-0"	
	B-5	TEACHERS	ASP. TILE GREASE FR.	RUB. TILE	PLASTER	PAINTED	AC. TILE ON GYP. BD. 5/8"	F.F.	SLOPES	7'-1" FURRED CEILING AT VESTIBULE B-5a
	B-6	SERVING	ASP. TILE GREASE FR.	RUB. TILE	PLASTER	PAINTED	3/4" FACT FIN: AC. TILE ON GYP. BD. 5/8"	F.F.	9'-5" ±	FACTORY ENAMEL AC. TILE - FURRED AREA BIRCH WAINSCOT - PLASTER SOFFIT @ 7'-4"
	B-7	KITCHEN	ASP. TILE GREASE FR.	RUB. TILE	PLASTER	PAINTED	3/4" FACT FIN: AC. TILE ON GYP. BD. 5/8"	F.F.	SLOPES	FACTORY ENAMEL AC. TILE FURRED AREA - PLASTER SOFFIT @ 7'-4"
	B-8	DISHWASHING	ASP. TILE GREASE FR.	RUB. TILE	PLASTER	PAINTED	3/4" FACT FIN: AC. TILE ON GYP. BD. 5/8"	F.F.	SLOPES	FACTORY ENAMEL AC. TILE
	B-9	PASSAGE	ASP. TILE GREASE FR.	RUB. TILE	PLASTER	PAINTED	3/4" AC. TILE ON GYP. BD. 5/8"	F.F.	9'-5" ±	FURRED CEILING
	B-10	PASSAGE	ASP. TILE GREASE FR.	RUB. TILE	PLASTER	PAINTED	AC. TILE ON GYP. BD. 5/8"	F.F.	8'-6"	FURRED CEILING THR. IN ATTIC SPACE NEXT TO ROOM B-14
	B-11	CANS	CONCRETE	CEM.	PLASTER	PAINTED	PLASTER	PAINTED	SLOPES	
	B-12	TOILET	ASP. TILE	RUB. TILE	PLASTER	PAINTED	AC. TILE ON GYP. BD. 5/8"	SLOW BURNING AC. TILE	SLOPES	
	B-13	FOOD STORAGE	CONCRETE	CEM.	PLASTER	PAINTED	PLASTER	PAINTED	SLOPES	
	B-14	HEATER	CONCRETE	CEM.	PLASTER	PAINTED	PLASTER	UNPAINTED	SLOPES	
	B-15	JANITOR	CONCRETE	CEM.	PLASTER	PAINTED	PLASTER	PAINTED	SLOPES	
	B-16	CHAIR STORAGE	ASP. TILE	RUB. TILE	PLASTER	PAINTED	PLASTER	PAINTED	SLOPES	
"C"	C-1	CLASSROOM	ASP. TILE	RUB. TILE	PLASTER	PAINTED	AC. TILE	F.F.	SLOPES	
	C-2	CLASSROOM	ASP. TILE	RUB. TILE	PLASTER	PAINTED	AC. TILE	F.F.	SLOPES	
	C-3	CLASSROOM	ASP. TILE	RUB. TILE	PLASTER	PAINTED	AC. TILE	F.F.	SLOPES	
	C-4	CLASSROOM	ASP. TILE	RUB. TILE	PLASTER	PAINTED	AC. TILE	F.F.	SLOPES	
	C-5	BOYS TOILET	CER. TILE	CER. TILE	PLASTER	PAINTED	AC. TILE	F.F.	SLOPES	6'-11" CER. TILE WAINSCOT
	C-6	HEATER	CONCRETE	CEM.	PLASTER	UNPAINTED	PLASTER	UNPAINTED	SLOPES	
	C-7	ELECTRIC	CONCRETE	CEM.	PLASTER	UNPAINTED	PLASTER	UNPAINTED	SLOPES	
"D"	D-1	GIRLS TOILET	CER. TILE	CER. TILE	PLASTER	PAINTED	AC. TILE	F.F.	SLOPES	6'-11" CER. TILE WAINSCOT
	D-2	JANITOR	CONCRETE	CEM.	PLASTER	PAINTED	PLASTER	PAINTED	SLOPES	
	D-3	CLASSROOM	ASP. TILE	RUB. TILE	PLASTER	PAINTED	AC. TILE	F.F.	SLOPES	
	D-4	CLASSROOM	ASP. TILE	RUB. TILE	PLASTER	PAINTED	AC. TILE	F.F.	SLOPES	
	D-5	CLASSROOM	ASP. TILE	RUB. TILE	PLASTER	PAINTED	AC. TILE	F.F.	SLOPES	
	D-6	CLASSROOM	ASP. TILE	RUB. TILE	PLASTER	PAINTED	AC. TILE	F.F.	SLOPES	
"E"	E-1	KINDERGARTEN	ASP. TILE	RUB. TILE	PLASTER	PAINTED	AC. TILE	F.F.	SLOPES	8'-0" PLASTER CEILING AT BAY WINDOW.
	E-2	WORK ROOM	ASP. TILE	RUB. TILE	PLASTER	PAINTED	AC. TILE	F.F.	9'-10"	FURRED CEILING
	E-3	JANITOR	CONCRETE	CEM.	PLASTER	PAINTED	PLASTER	PAINTED	8'-0" ±	FURRED CEILING
	E-4	ALCOVE	ASP. TILE	RUB. TILE	PLASTER	PAINTED	AC. TILE	F.F.	6'-11"	FURRED CEILING
	E-5	TOILETS	CER. TILE	CER. TILE	PLASTER	PAINTED	AC. TILE	F.F.	SLOPES 6'-11" TO 10'-6"	FURRED CEILING
"F"	F-1	BOYS TOILET	CER. TILE	CER. TILE	PLASTER	PAINTED	AC. TILE	F.F.	SLOPES	6'-11" CER. TILE WAINSCOT
	F-2	PLAY EQUIPMENT	CONCRETE	CEM.	PLASTER	UNPAINTED	PLASTER	UNPAINTED	SLOPES	
	F-3	STORAGE	CONCRETE	CEM.	PLASTER	UNPAINTED	PLASTER	UNPAINTED	SLOPES	
	F-4	CLASSROOM	ASP. TILE	RUB. TILE	PLASTER	PAINTED	AC. TILE	F.F.	SLOPES	
	F-5	CLASSROOM	ASP. TILE	RUB. TILE	PLASTER	PAINTED	AC. TILE	F.F.	SLOPES	
	F-6	CLASSROOM	ASP. TILE	RUB. TILE	PLASTER	PAINTED	AC. TILE	F.F.	SLOPES	
	F-7	CLASSROOM	ASP. TILE	RUB. TILE	PLASTER	PAINTED	AC. TILE	F.F.	SLOPES	

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BRANDOW & JOHNSTON
STRUCTURAL ENGINEERS
2430 WEST THIRD ST. DUNKIRK 5-2865
LOS ANGELES 57, CALIFORNIA

ADDITIONS TO THE SUN GARDEN VILLAGE SCHOOL FOR THE
WESTMINSTER SCHOOL DISTRICT
13451 SOUTH NEWLAND STREET WESTMINSTER, CALIFORNIA

APPROVED: Lee B. Kline
ARCHITECT

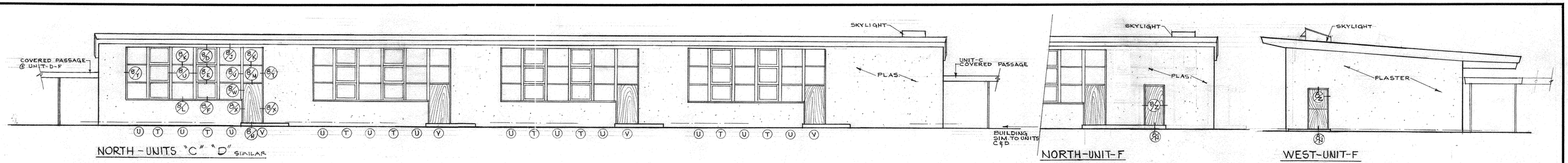
Fay A. Johnston
ENGINEER

APPROVED: 14118
APPL. NO. MAR 7 - 1956
DATE

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WKS.
DIVISION OF ARCHITECTURE
E. Mago
PRINCIPAL STRUCTURAL ENGINEER

APPROVED: FOR THE DISTRICT
Ada Clegg
Byron L. Bates

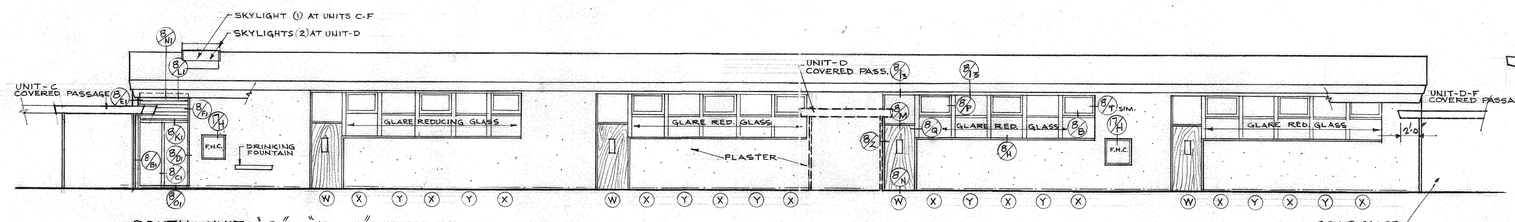
DATE OF DRAWING 3-6-56
DRAWN BY GEM
DRAWING NO. 5 OF 19 SHTS.



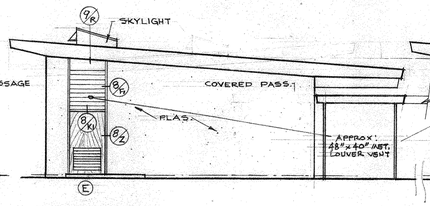
NORTH - UNITS "C" "D" SIMILAR

NORTH-UNIT-F

WEST-UNIT-F



SOUTH - UNIT "C" "D & F" SIMILAR



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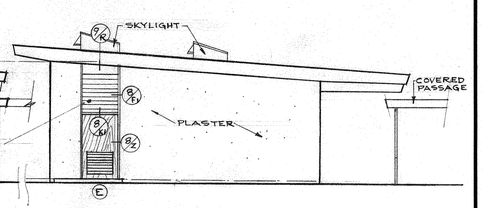

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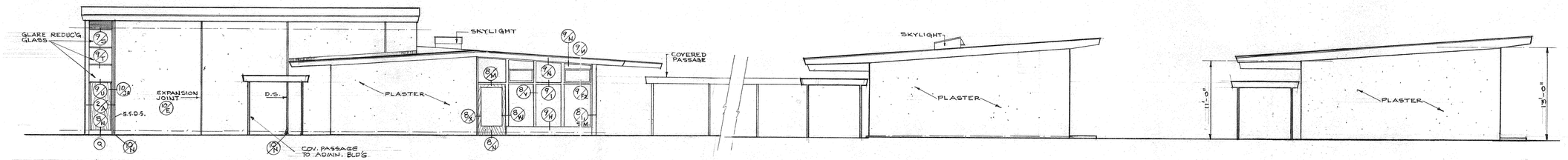
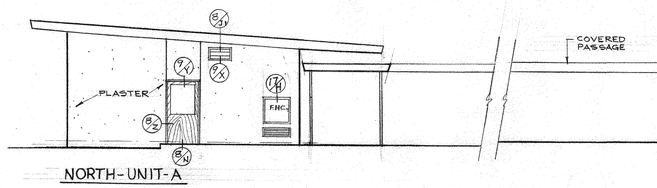


EAST-UNIT-B

EAST-UNIT-D

EAST-UNIT-F



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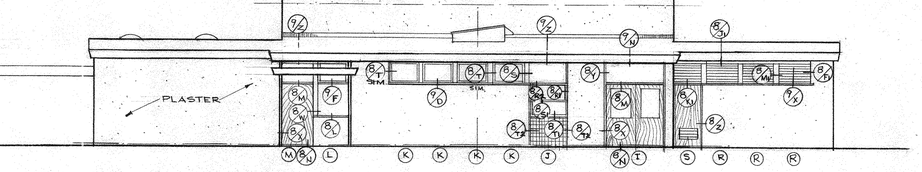

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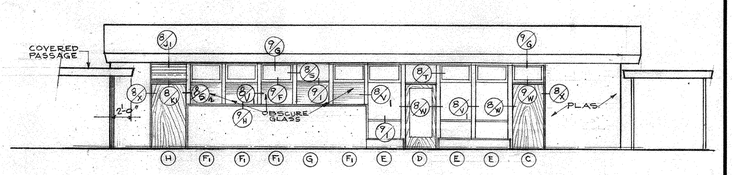
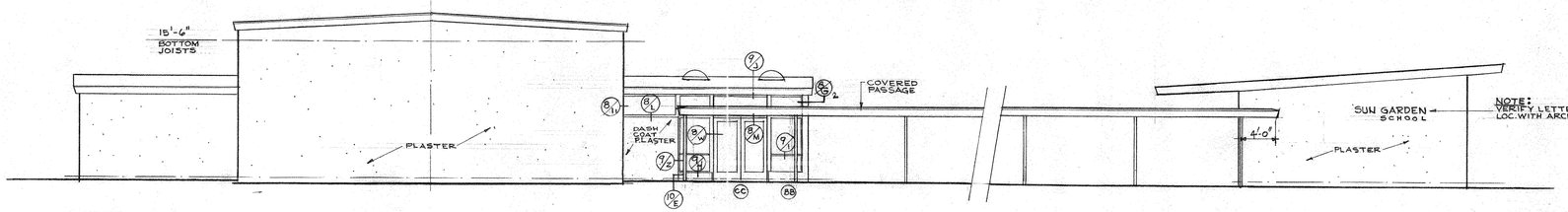
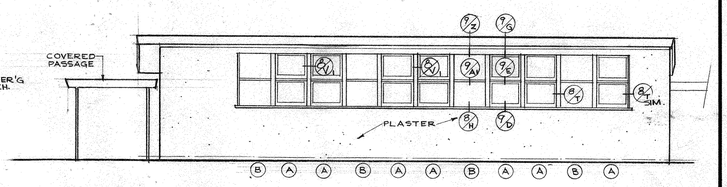


WEST-UNIT-A

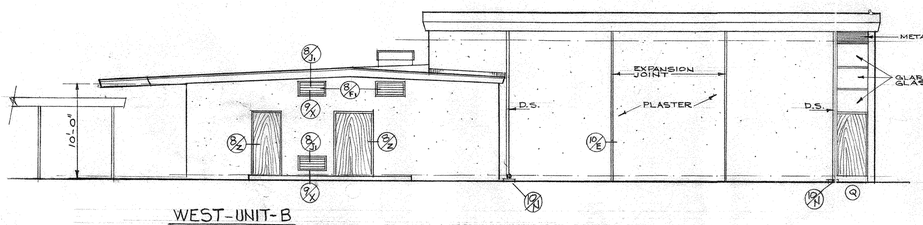


SOUTH-UNIT-B

SOUTH-UNIT-A



EAST-UNIT-A



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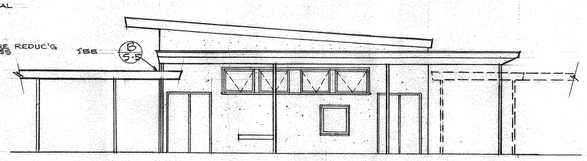
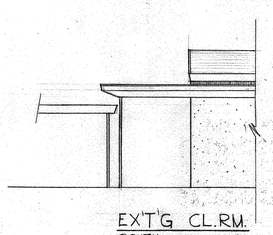


EXISTING CLASSROOM
WEST



EXT'G CL.RM.
SOUTH

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SCALE 1/8"=1'-0"

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ADDITIONS TO THE SUN GARDEN VILLAGE SCHOOL FOR THE
WESTMINSTER SCHOOL DISTRICT
13451 SOUTH NEWLAND STREET WESTMINSTER, CALIFORNIA

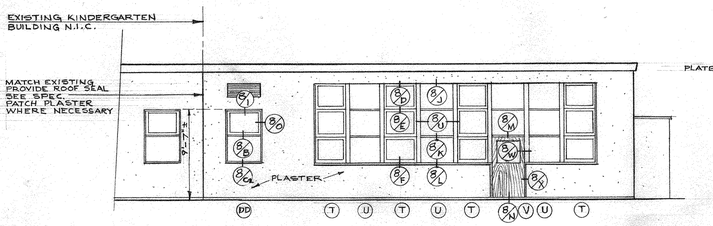
APPROVED:
ARCHITECT Lee B. Kline
ENGINEER Fay V. Johnston

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
APPL. NO. 14118
DATE MAR 7 - 1956
E. Mangsol PRINCIPAL STRUCTURAL ENGINEER

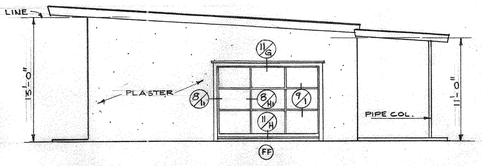
APPROVED: FOR THE DISTRICT
Edna Clegg
Byron L. Bates

DATE OF DRAWING 2-6-56
DRAWN BY G.E.M.

DRAWING NO. 6 OF 19 SHTS.



NORTH-UNIT-E



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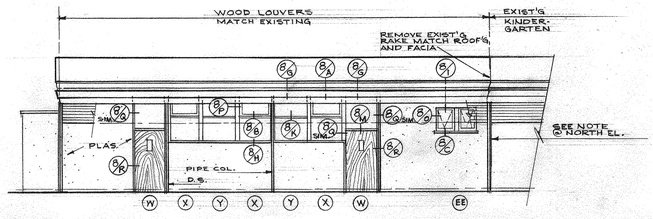

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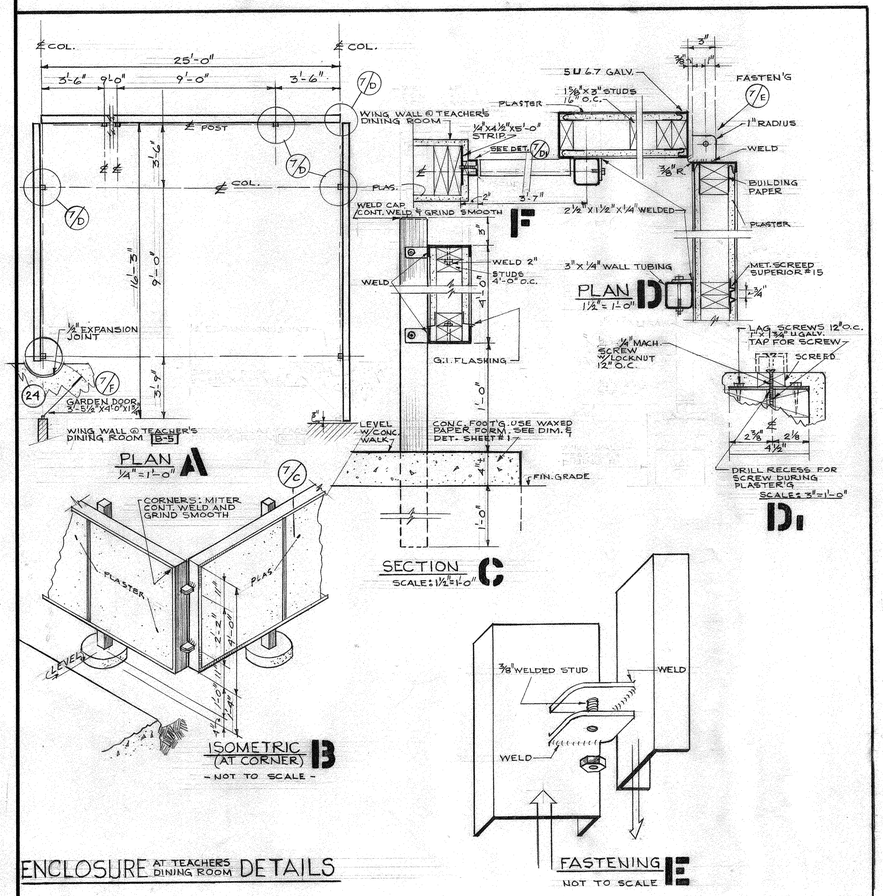
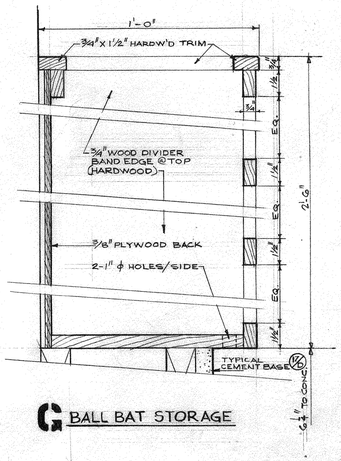


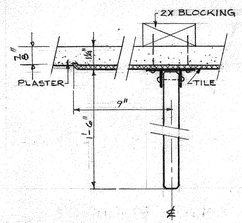
ENCLOSURE AT TEACHERS DINING ROOM DETAILS

F

-OMITTED-



G BALL BAT STORAGE



H URINAL PARTITION

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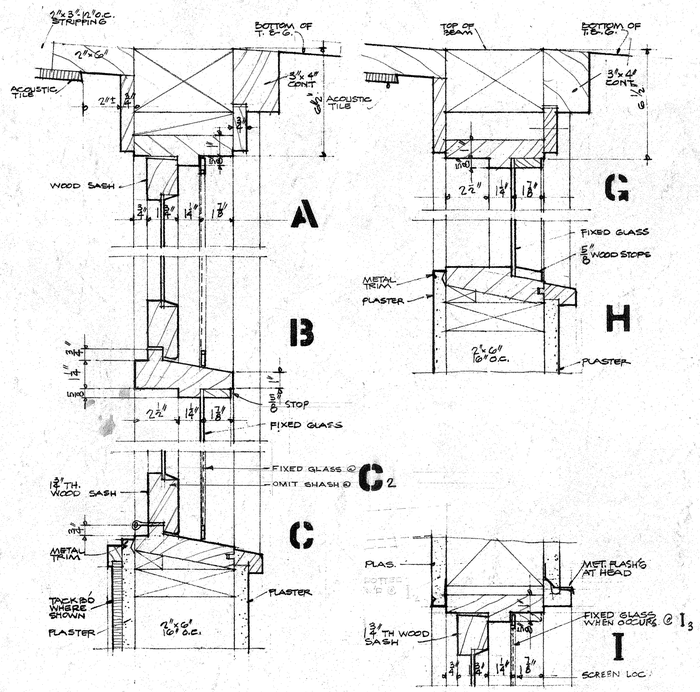
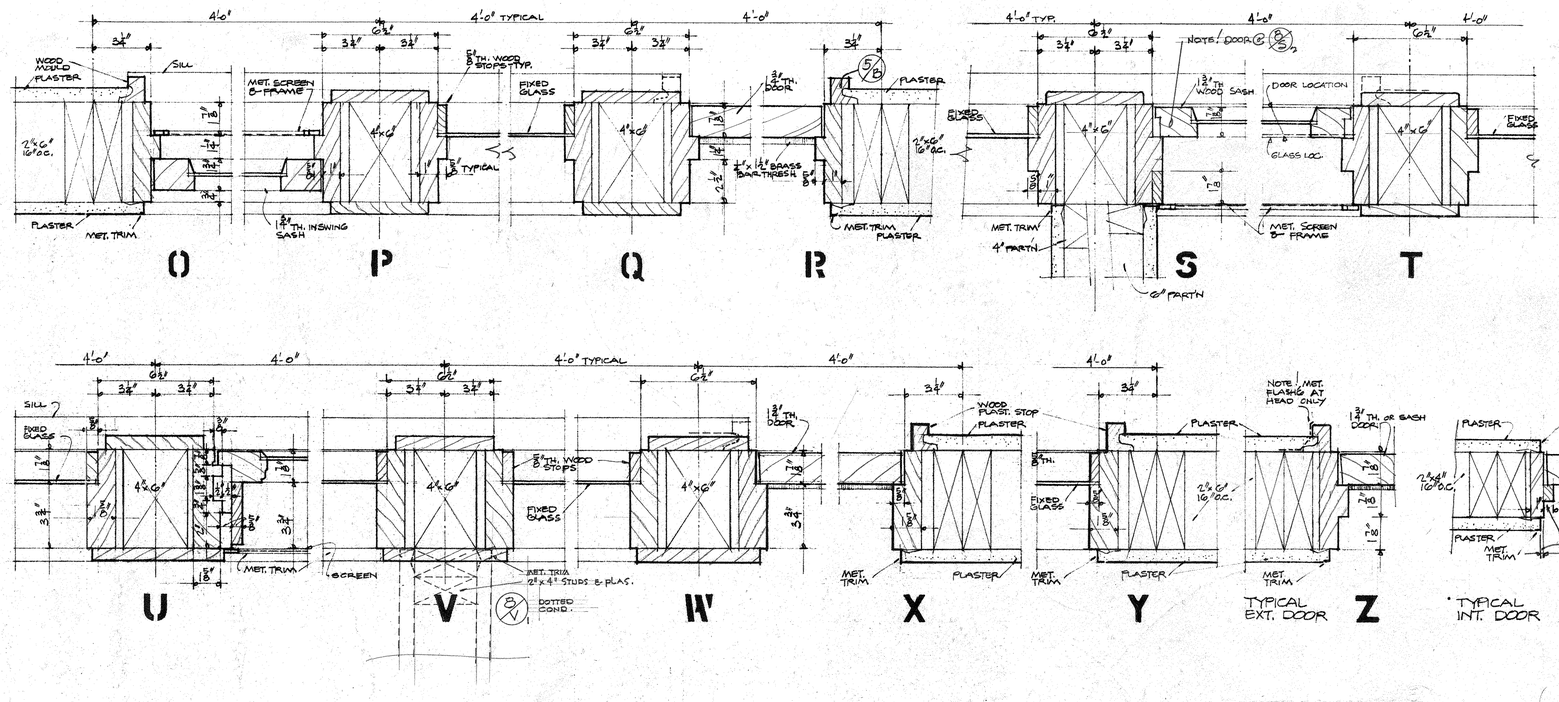
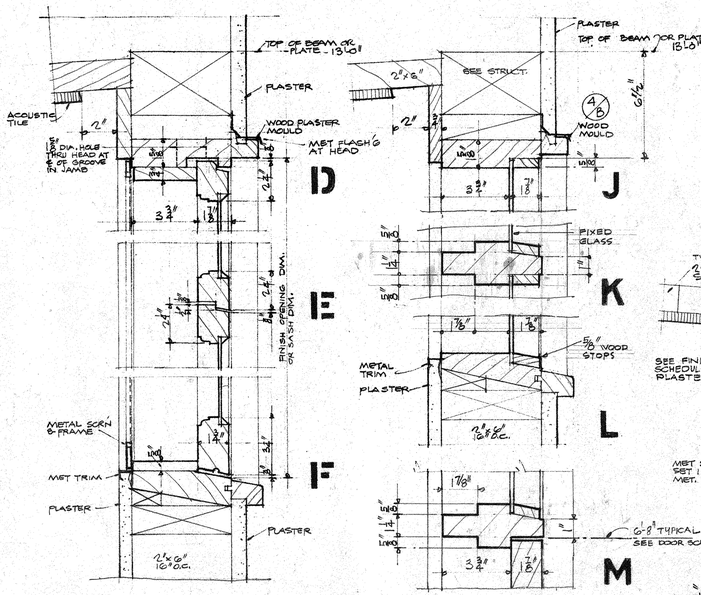
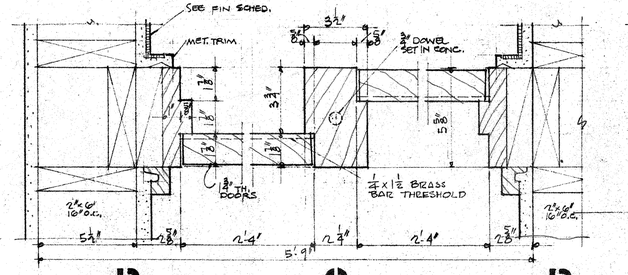
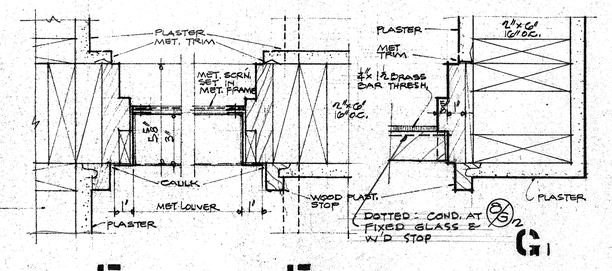
LEE B. KLINE ARCHITECT A.I.A. 1741 SILVERLAKE BOULEVARD LOS ANGELES 26 NORMANDY 5-5166	BRANDOW & JOHNSTON STRUCTURAL ENGINEERS 2430 WEST THIRD ST. DUNKIRK 5-2895 LOS ANGELES 57, CALIFORNIA	ADDITIONS TO THE SUN GARDEN VILLAGE SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT 13451 SOUTH NEWLAND STREET WESTMINSTER, CALIFORNIA	APPROVED: ARCHITECT ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE 14118 APPL. NO. MAR 7 - 1958 DATE PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT DATE OF DRAWING 3-0-56 DRAWN BY DRAWING NO. 7 OF 19 SHTS.

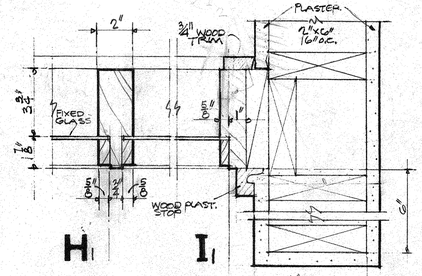


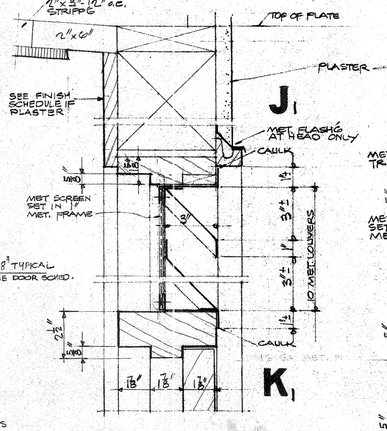


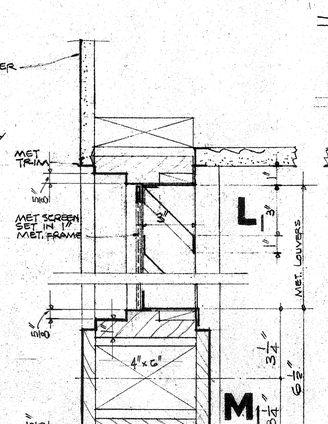


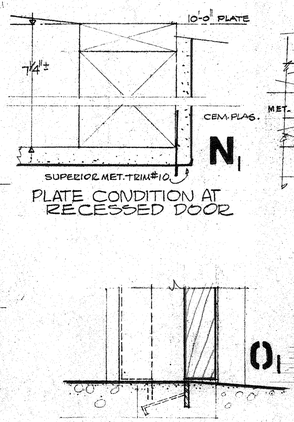


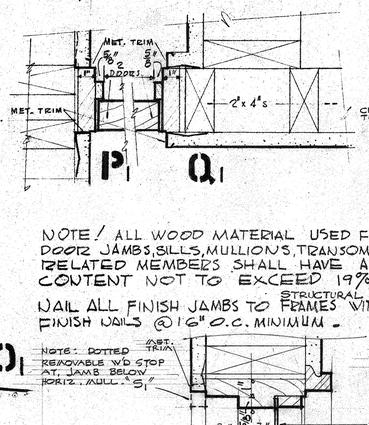


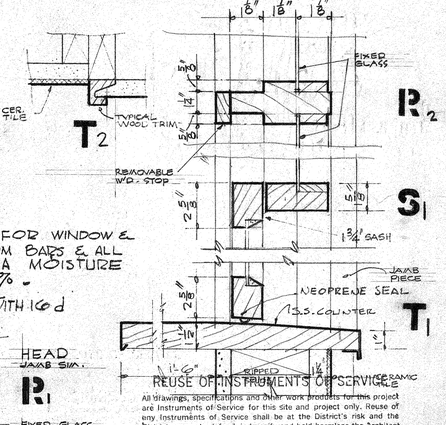












NOTE! ALL WOOD MATERIAL USED FOR WINDOW & DOOR JAMBS, SILLS, MULLIONS, TRANSOM BARS & ALL RELATED MEMBERS SHALL HAVE A MOISTURE CONTENT NOT TO EXCEED 19% .

NAIL ALL FINISH JAMBS TO STRUCTURAL FRAMES WITH 16d FINISH NAILS @ 16" O.C. MINIMUM .

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DOOR SCHEDULE

BLDG	MARK	TYPE	SIZE	REMARKS
UNIT "A" ADMINISTRATION	1	A	3'-5½"x6'-8½"x1¾"	
	2	D	3'-5½"x6'-8½"x1¾"	¼" "MISCO" WIRE GL.
	3	A1	3'-5½"x6'-8½"x1¾"	TYPE 'C' LABEL
	4	G	3'-0"x6'-8"x1¾"	21"-1" x 3'-0" "KISCO" WIRE GLASS
	5	A	3'-0"x6'-8"x1¾"	
	6	A	2'-6"x6'-8"x1¾"	
	7	E	3'-0"x6'-8"x1¾"	18"x 6" LOUVER
	8	A	2'-0"x6'-8"x1¾"	
	9	A	PAIR 3'-0"x6'-8"x1¾"	FOLDING SEE JAMB DETS (8/A6) (8/A6)
	10	A	2'-6"x6'-8"x1¾"	NOTE: SEE MECHANICAL DRAWG FOR LOCATION & SIZE OF COLD AIR RETURN LOUVERS IN BOTTOM OF DOORS.
	11	A	3'-0"x6'-8"x1¾"	
	12	A	2'-0"x6'-8"x1¾"	
	13	A	2'-0"x6'-8"x1¾"	
	14	A	2'-8"x6'-8"x1¾"	
UNIT "B" MULTI-PURPOSE BUILDING	1	D	3'-5½"x6'-8½"x1¾"	¼" "MISCO" WIRE GL.
	2	D	PAIR 3'-0"x7'-3"x1¾"	¼" "MISCO" WIRE GL.
	3	A	3'-5½"x 7'-3" x1¾"	
	4	A	3'-5½"x 7'-3" x1¾"	
	5	A	4'-0"x6'-8½"x1¾"	
	6	A	3'-0"x6'-8½"x 1¾"	
	7	E	3'-5½"x6'-8½"x1¾"	18"x 6" LOUVER AT BOTTOM OF DOOR
	8	G	PAIR 3'-0"x6'-8½"x1¾"	2'-1"x 3'-0" "KISCO" WIRE GLASS
	9	A	3'-5½"x 6'-8½"x1¾"	21"-6½"x 3'-0" "KISCO" WIRE GLASS
	10	A	PAIR 2'-6"x7'-3"x1¾"	SEE DETS (12/A6) (12/A6)
	11	A	2'-4"x6'-8"x1¾"	
	12	A	2'-4"x6'-8"x1¾"	
	13	A	2'-6"x6'-8"x1¾"	
	14	A	3'-0"x6'-8"x1¾"	
	15	A	3'-0"x 7'-3"x1¾"	
	16	A	PAIR 3'-0"x 7'-3"x1¾"	
	17	A	3'-0"x6'-8"x1¾"	
	18	A	3'-0"x6'-8"x1¾"	
	19	A	3'-0"x6'-8"x1¾"	
	20	A	2'-0"x6'-8"x1¾"	
	21	A	2'-4"x6'-8"x1¾"	
	22	F	PAIR 2'-6"x6'-8"x1¾"	SEE DET (8/A6)
	23	C	2'-8"x6'-8"x1¾"	DOUBLE ACTING
	24	H	3'-5½"x4'-0"x1¾"	SEE DET. (7/A6)
	25	A	PAIR 2'-6"x 5'-9"x1¾" 1-FIXED 1-VERTICAL SLIDING	SEE DET (9/A6)
	26	A	PAIR 3'-0"x 7'-3"x1¾"	SEE (9/A6) (7/A6)
UNIT "C" CLASSROOM	1	C	3'-5½"x6'-8½"x1¾"	
	2	C	3'-5½"x6'-8½"x1¾"	
	3	C	3'-5½"x6'-8½"x1¾"	
	4	C	3'-5½"x6'-8½"x1¾"	
	5	A	3'-5½"x6'-8½"x1¾"	
	6	A	3'-5½"x6'-8½"x1¾"	
	7	A	3'-5½"x6'-8½"x1¾"	
	8	A	3'-5½"x6'-8½"x1¾"	
	9	A	3'-5½"x6'-8½"x1¾"	
	10	A	3'-5½"x6'-8½"x1¾"	
	11	B	3'-0"x6'-8"x1¾"	DUTCH DOOR SHELF AT 3'-0" HI. (9/A6)
	12	A	3'-0"x6'-8"x1¾"	

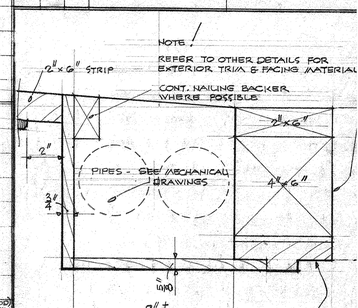
BLDG	MARK	TYPE	SIZE	REMARKS
UNIT "C" CLASSROOM	1	C	3'-5½"x6'-8½"x1¾"	
	2	C	3'-5½"x6'-8½"x1¾"	
	3	C	3'-5½"x6'-8½"x1¾"	
	4	C	3'-5½"x6'-8½"x1¾"	
	5	A	3'-5½"x6'-8½"x1¾"	
	6	A	3'-5½"x6'-8½"x1¾"	
	7	A	3'-5½"x6'-8½"x1¾"	
	8	A	3'-5½"x6'-8½"x1¾"	
	9	A	2'-4"x6'-8"x1¾"	
	10	A	2'-4"x6'-8"x1¾"	
	11	B	3'-0"x6'-8"x1¾"	DUTCH DOOR SHELF AT 3'-0" HI. (9/A6)
	12	A	3'-0"x6'-8"x1¾"	
UNIT "D" CLASSROOM	1	C	3'-5½"x6'-8½"x1¾"	
	2	C	3'-5½"x7'-0"x1¾"	
	3	G	3'-5½"x6'-8½"x1¾"	
	4	A	2'-6"x6'-8"x1¾"	
	5	A	3'-0"x6'-8"x1¾"	
	10	E	4'-0"x6'-8½"x1¾"	36"x 30" LOUVER @ BOTTOM OF
	11	A	2'-4"x 6'-8"x1¾"	
	12	A	2'-4"x 6'-8"x1¾"	
UNIT "E" KINDER-GARTEN ADDITION	1	C	3'-5½"x7'-0"x1¾"	
	2	C	3'-5½"x7'-0"x1¾"	
	3	G	3'-5½"x6'-8½"x1¾"	
	4	A	2'-6"x6'-8"x1¾"	
	5	A	3'-0"x6'-8"x1¾"	

NOTE! ALL KINDER-GARTEN DOORS TO MATCH EXISTING

TYPICAL NOTES
TYPICAL INTERIOR DOOR DET. (8/A1)

BLDG	MARK	TYPE	SIZE	REMARKS
UNIT "F" CLASSROOM	1	C	3'-5½"x6'-8½"x1¾"	
	2	C	3'-5½"x6'-8½"x1¾"	
	3	C	3'-5½"x6'-8½"x1¾"	
	4	C	3'-5½"x6'-8½"x1¾"	
	5	A	3'-5½"x6'-8½"x1¾"	
	6	A	3'-5½"x6'-8½"x1¾"	
	7	A	3'-5½"x6'-8½"x1¾"	
	8	A	3'-5½"x6'-8½"x1¾"	
	9	A	2'-4"x6'-8"x1¾"	
	10	A	2'-4"x6'-8"x1¾"	
	11	B	3'-0"x6'-8"x1¾"	DUTCH DOOR SHELF AT 3'-0" HI. (9/A6)
	12	A	3'-0"x6'-8"x1¾"	

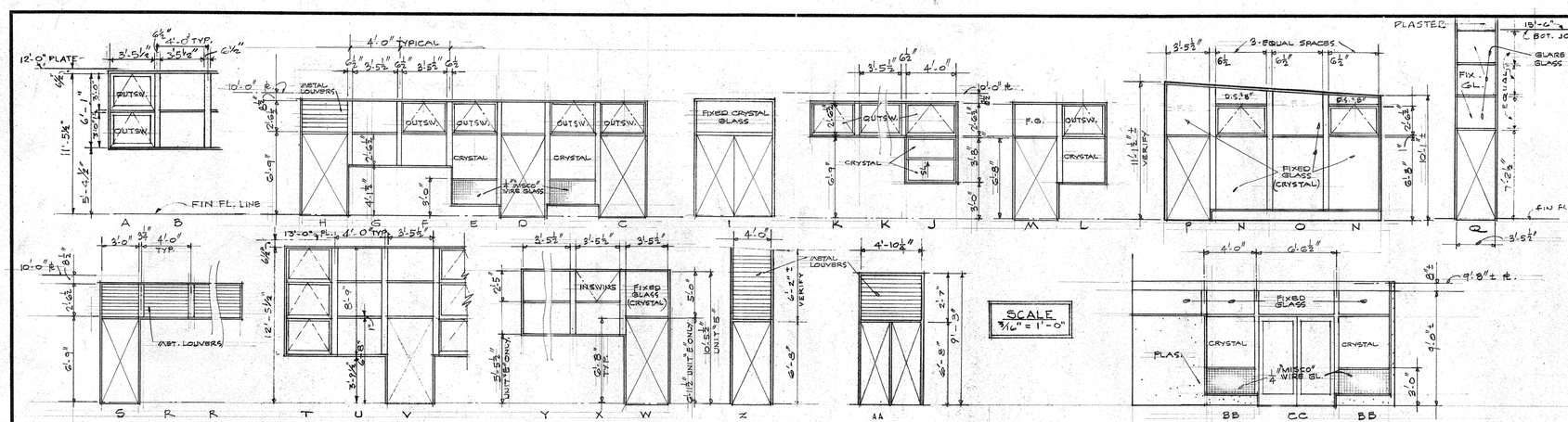
NOTE! REFER TO OTHER DETAILS FOR EXTERIOR TRIM & FACING MATERIAL

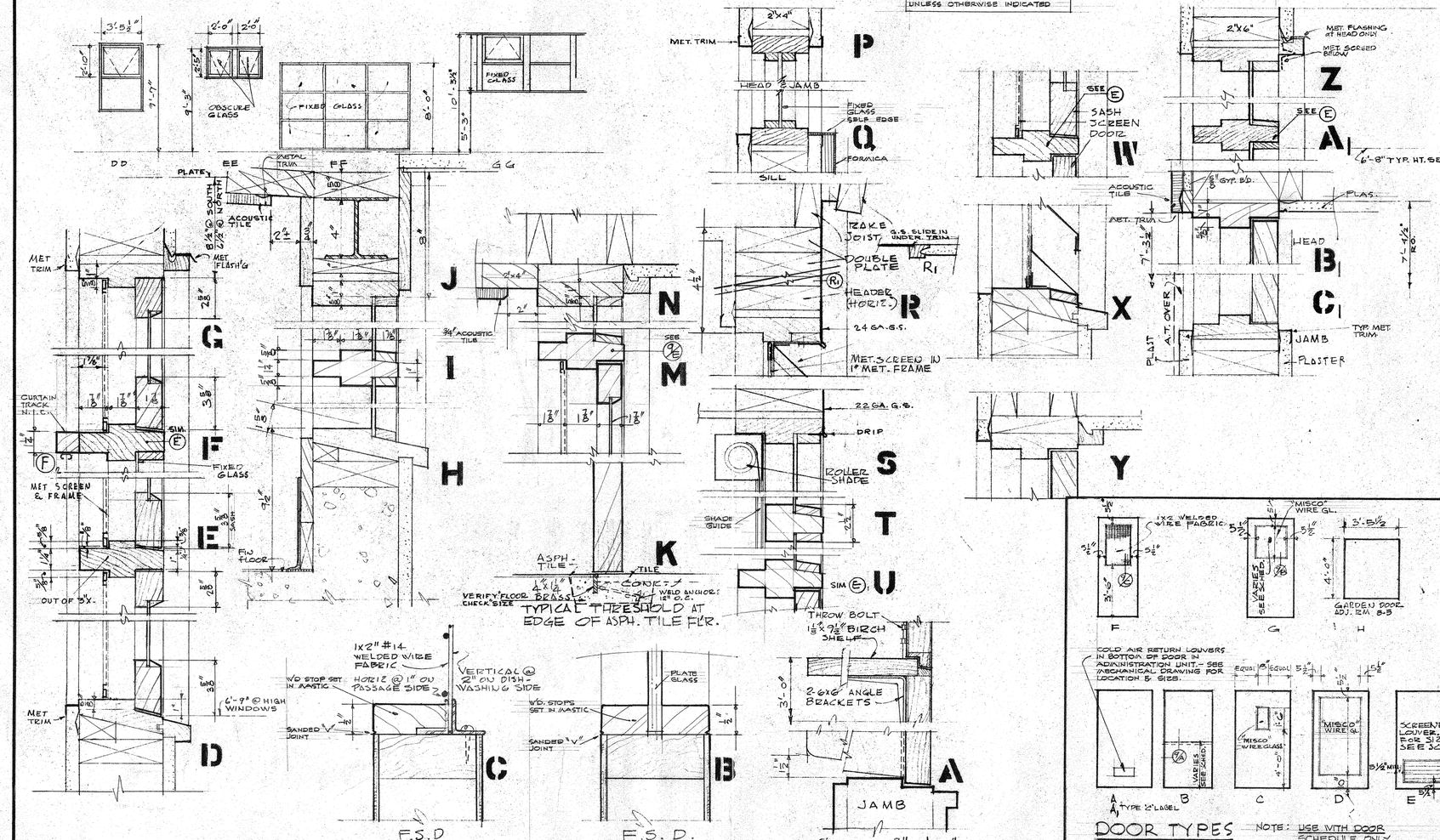


SEE OTHER DETAILS FOR PREVAILING WINDOW COND.

D1 TYPICAL FOR SOUTH WALL OF CLASSROOMS UNITS C, D & F. SEE MECH. DR.

SCALE : 3"=1'-0"





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1741 SILVERLAKE BOULEVARD LOS ANGELES 26 NORMANDY 5-5166

BRANDOW & JOHNSTON
STRUCTURAL ENGINEERS
2430 WEST THIRD ST. DUNKIRK 5-2895
LOS ANGELES 57, CALIFORNIA

ADDITIONS TO THE SUN GARDEN VILLAGE SCHOOL FOR THE
WESTMINSTER SCHOOL DISTRICT
13451 SOUTH NEWLAND STREET WESTMINSTER, CALIFORNIA

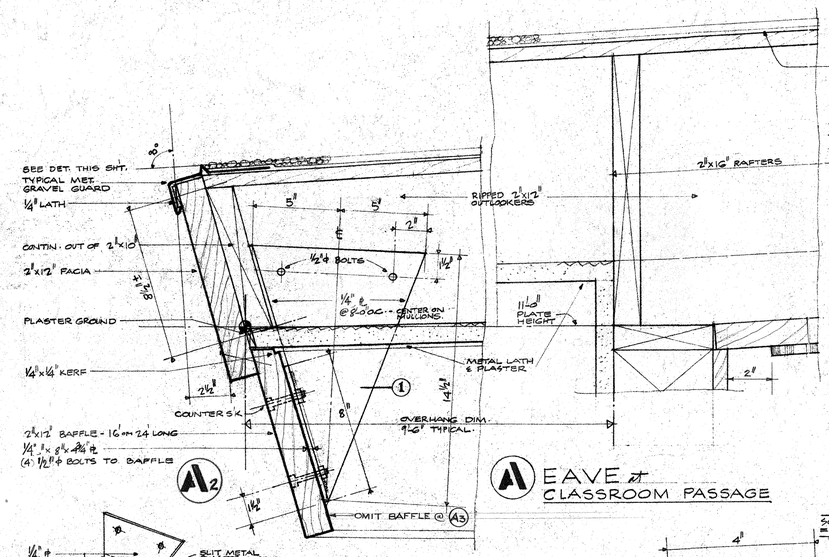
APPROVED: Lee B. Kline ARCHITECT; Brandow & Johnston ENGINEER

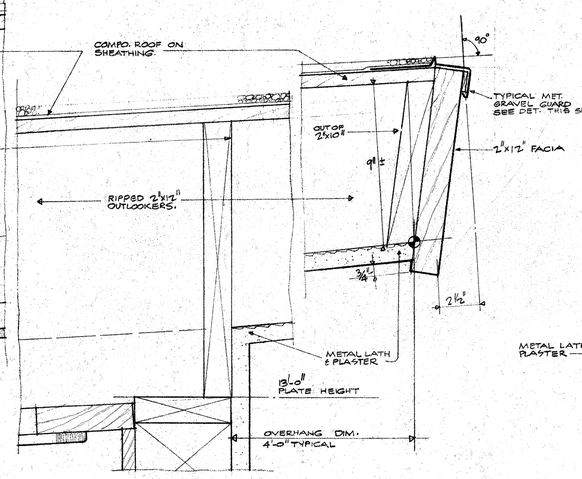
APPROVED: 14118 APPL. NO. MAR 7 - 1956 DATE

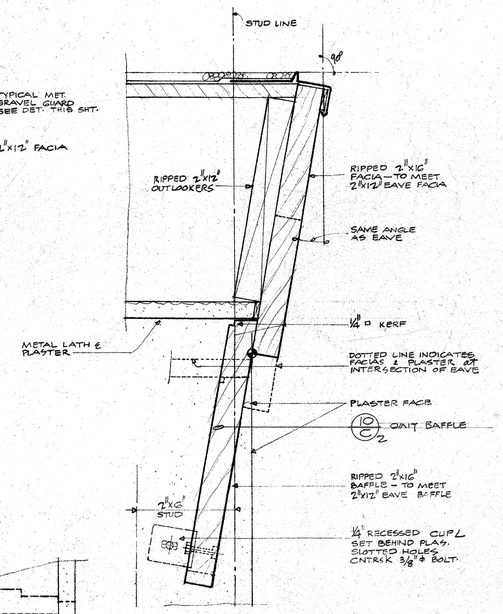
STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
E. Musaspan PRINCIPAL STRUCTURAL ENGINEER

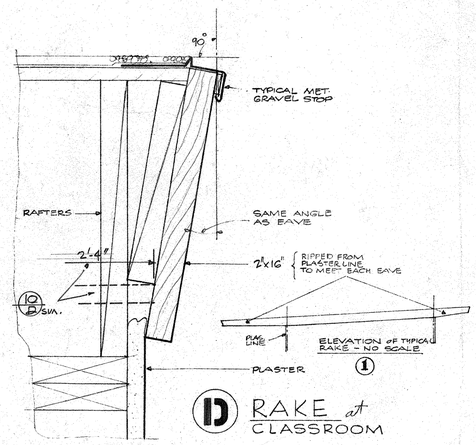
APPROVED: FOR THE DISTRICT
Ada Clegg
Byram L. Bates

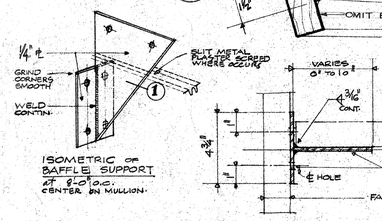
DATE OF DRAWING 5-6-56
DRAWN BY
SHEET OF 19

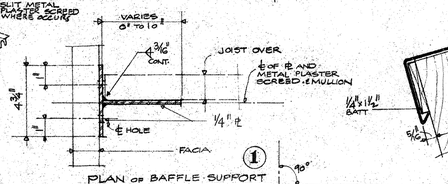


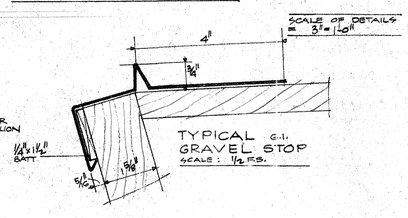


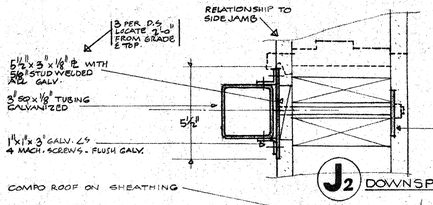


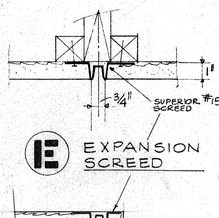


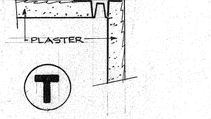


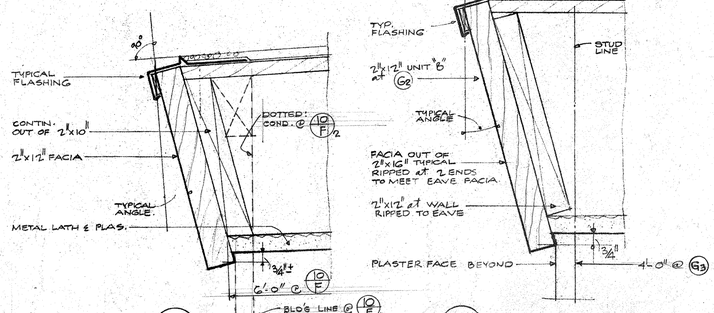


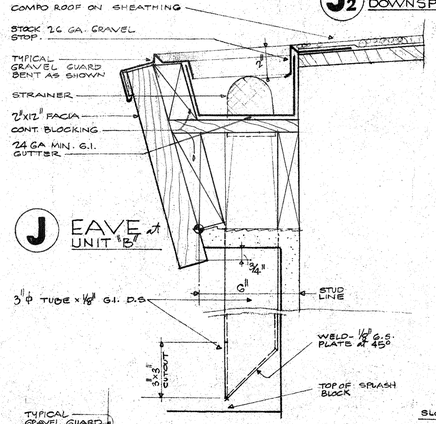


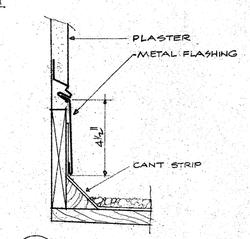


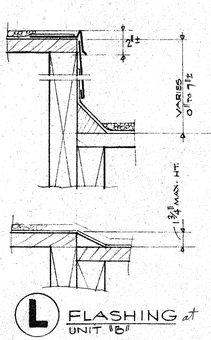


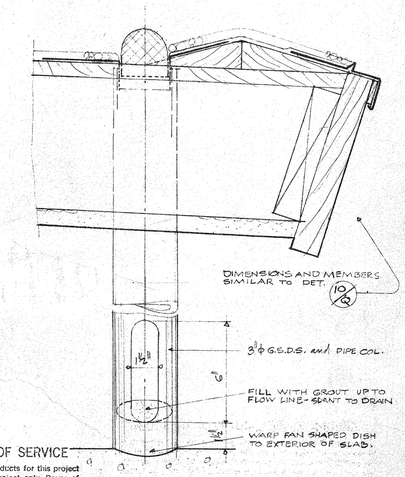


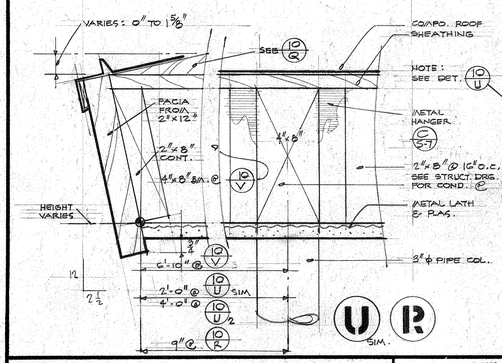


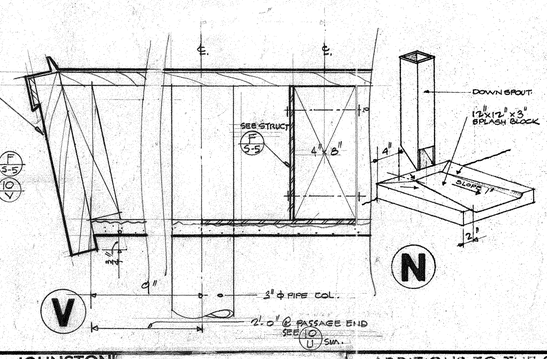


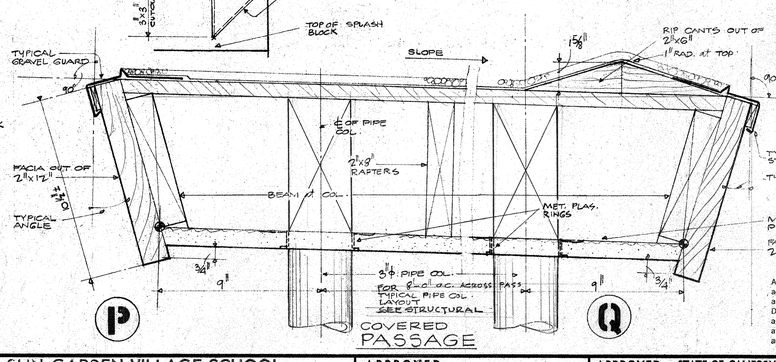












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LEE B. KLINE ARCHITECT A.I.A.
1741 SILVERLAKE BOULEVARD LOS ANGELES 26 NORMANDY 5-5166

BRANDOW & JOHNSTON
STRUCTURAL ENGINEERS
2430 WEST THIRD ST. DUNKIRK 5-2895
LOS ANGELES 57, CALIFORNIA

ADDITIONS TO THE SUN GARDEN VILLAGE SCHOOL FOR THE
WESTMINSTER SCHOOL DISTRICT
13451 SOUTH NEWLAND STREET WESTMINSTER, CALIFORNIA

APPROVED: Lee B. Kline ARCHITECT
Brandow & Johnston ENGINEER

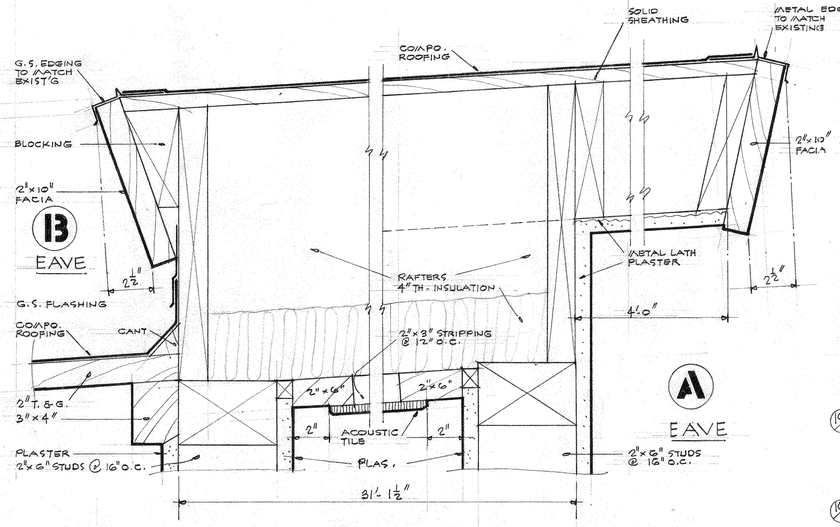
APPROVED: 14118 APPL. NO. MAR 7 - 1956 DATE
STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
E. Musgrave PRINCIPAL STRUCTURAL ENGINEER

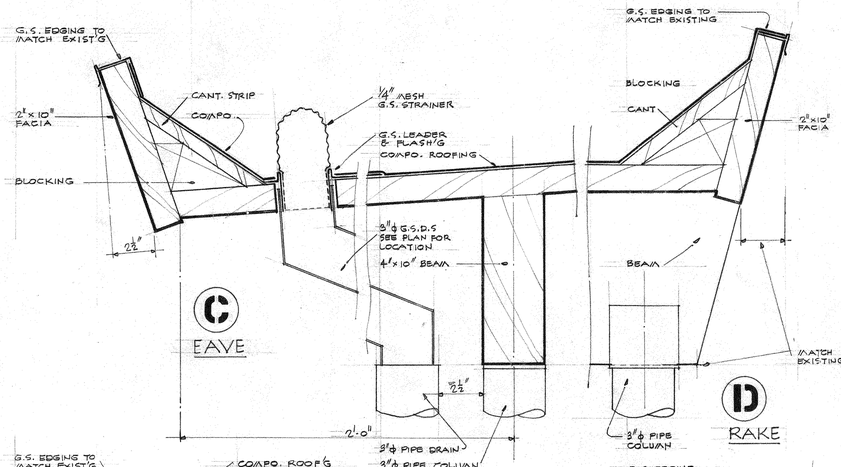
APPROVED: FOR THE DISTRICT
Ada Clegg
Lyman L. Giles

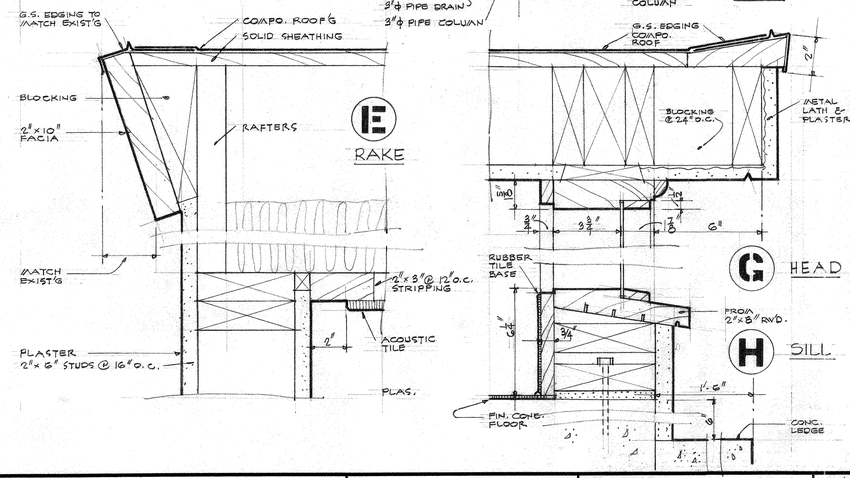
DATE OF DRAWING 3-6-56
DRAWN BY

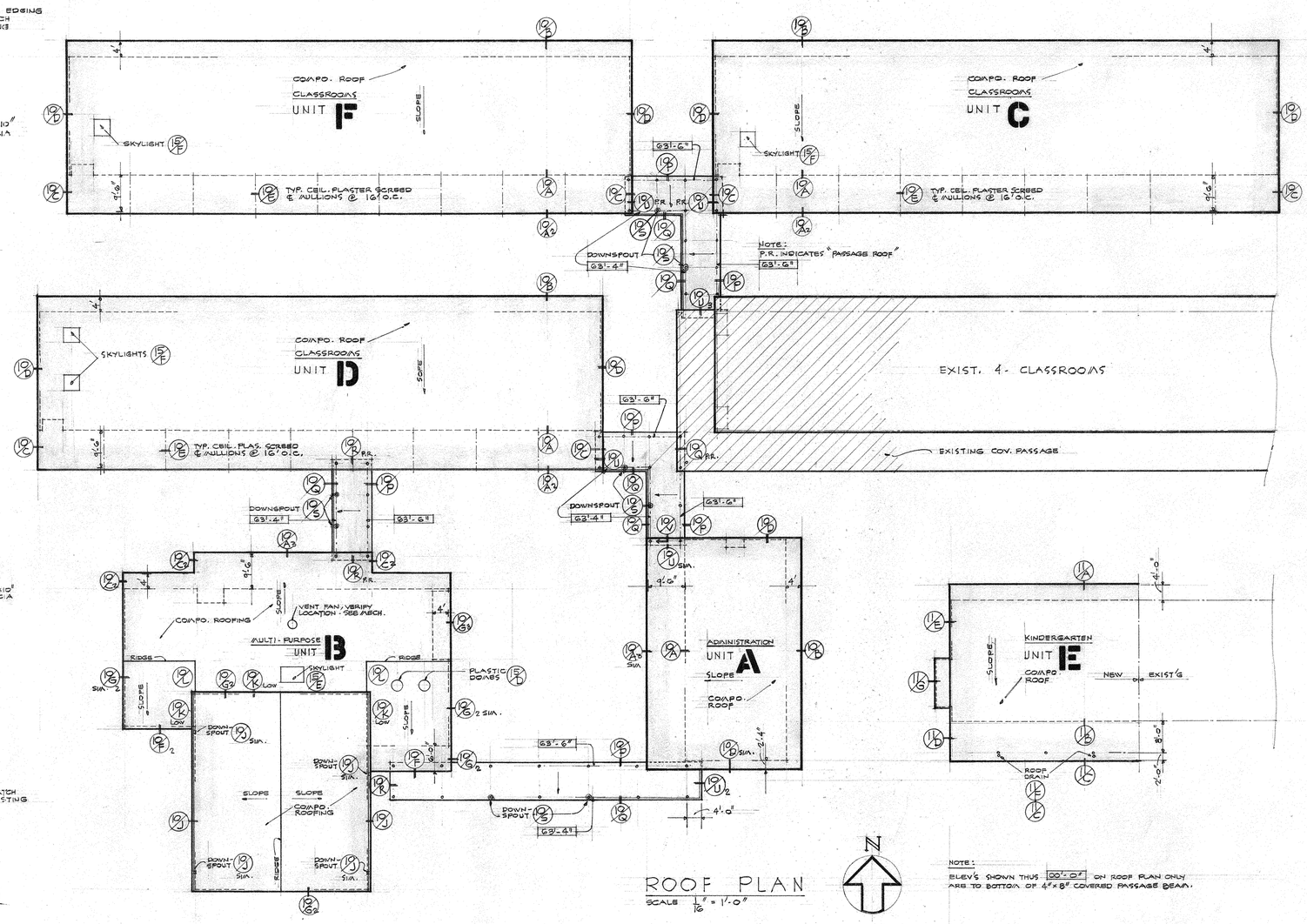
DRAWING NO. 10 OF 19 SHTS.

405





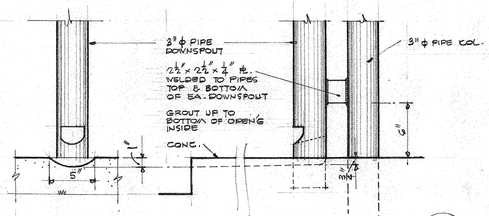




ROOF PLAN
SCALE 1/16" = 1'-0"

N

NOTE:
ELEV'S SHOWN THUS 00'-0" ON ROOF PLAN ONLY ARE TO BOTTOM OF 4"x 8" COVERED PASSAGE BEAM.



DETAIL OF DRAIN BOOT & SPLASH
SCALE 1½" = 1'-0"

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LOS ANGELES 57, CALIFORNIA

ADDITIONS TO THE SUN GARDEN VILLAGE SCHOOL FOR THE
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13451 SOUTH NEWLAND STREET WESTMINSTER, CALIFORNIA

APPROVED: Lee B. Kline
ARCHITECT
Brandow & Johnston
ENGINEER

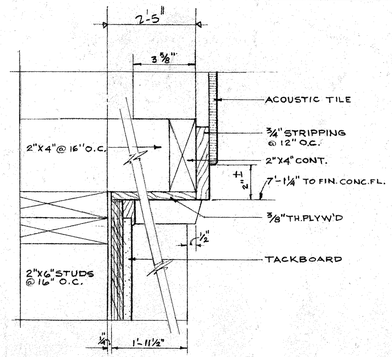
APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
APPL. NO. 14118
MAR 7 - 1956
DATE
E. Marx
PRINCIPAL STRUCTURAL ENGINEER

APPROVED: FOR THE DISTRICT
Edna Clegg
Byron L. Bates

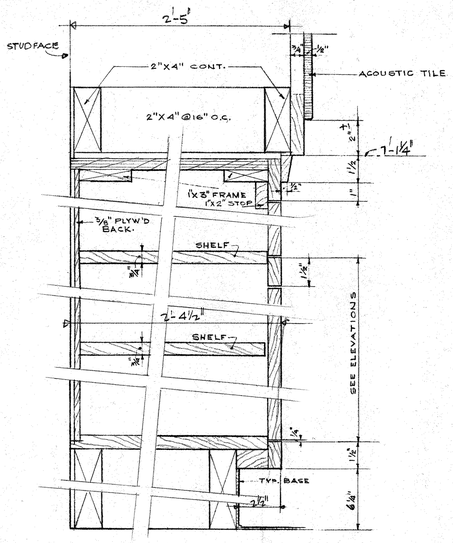
DATE OF DRAWING 3-6-56
DRAWN BY

DRAWING NO. 11
OF 19 SHTS.

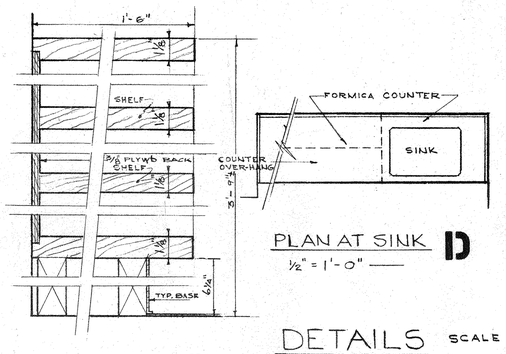
405



CASE HD. DET. OVER SINK UNIT **A**



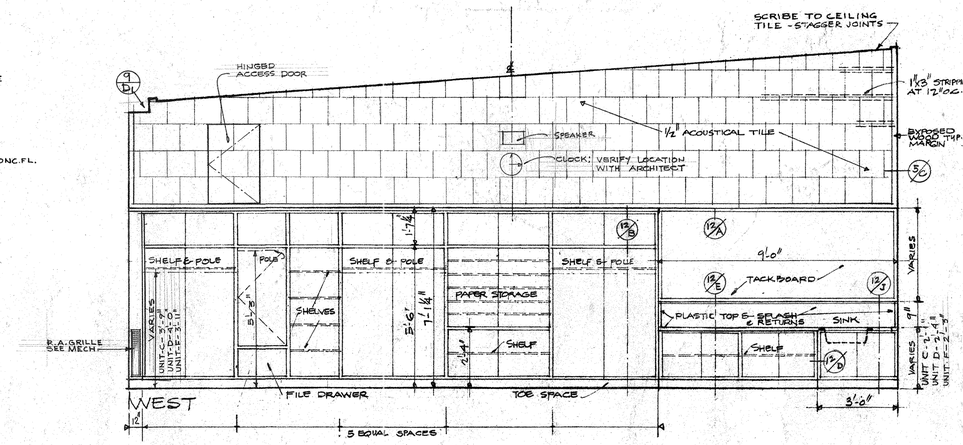
CLOSET-CASE DETAIL **B**



PLAN AT SINK **D**
½" = 1'-0"

CASE DETAIL **C**
AT WINDOWS

DETAILS SCALE 3" = 1'-0"



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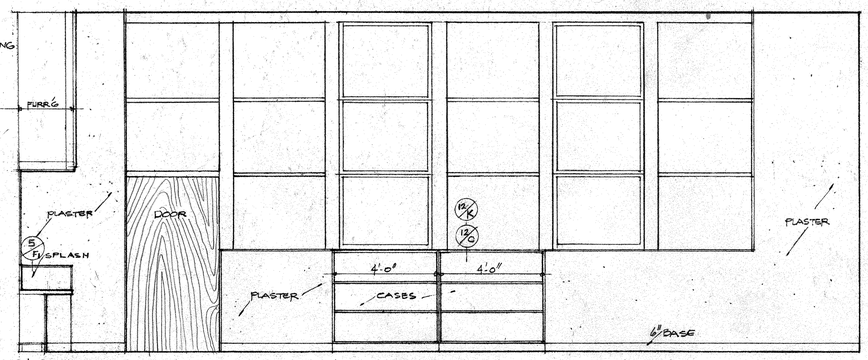
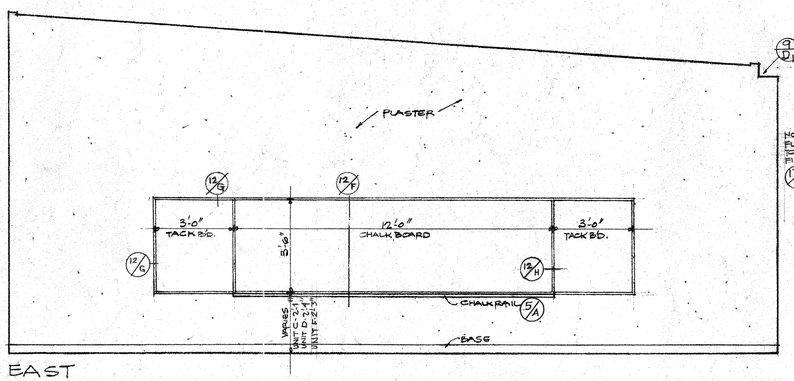


NORTH



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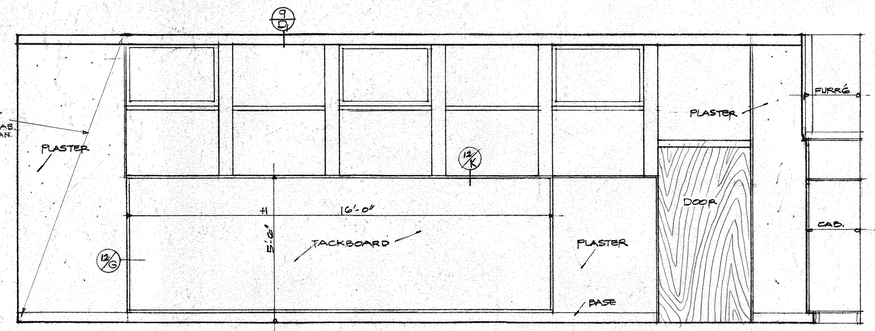
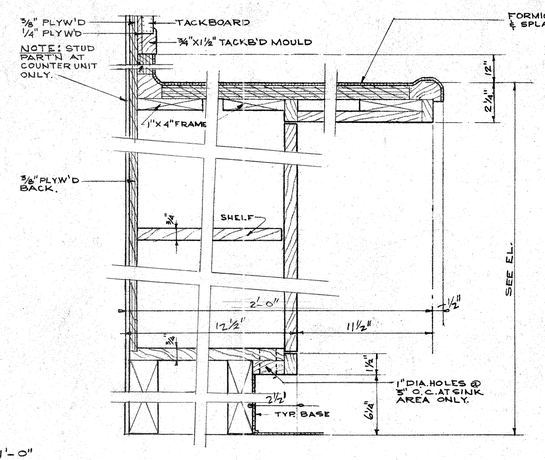
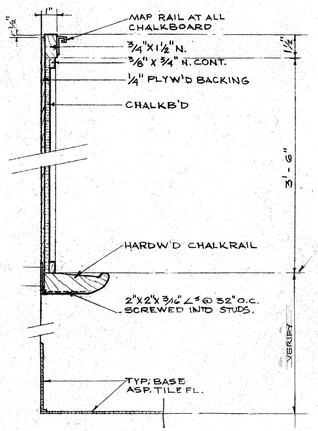


SOUTH

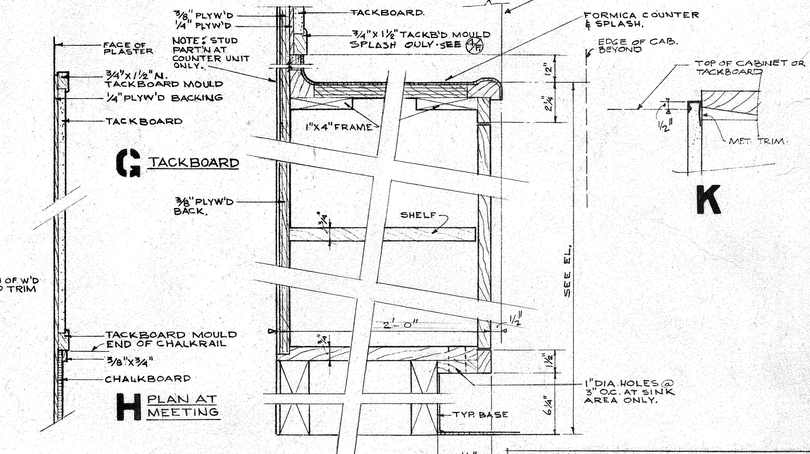
CLASSROOM INTERIORS SCALE ⅜" = 1'-0"



CASE DETAIL **E**



CHALKBOARD **F**



G

H PLAN AT MEETING

K

CASE DETAIL **J**
SINK UNIT

NOTE - ALL CASES, CABINETS, SHELVING, ETC. SHALL BE SECURELY ANCHORED TO THE WALLS AND/OR FLOOR OF BUILDING

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1741 SILVERLAKE BOULEVARD LOS ANGELES 26 NORMANDY 5-5166

BRANDOW & JOHNSTON
STRUCTURAL ENGINEERS
2430 WEST THIRD ST. DUNKIRK 5-2895
LOS ANGELES 57, CALIFORNIA

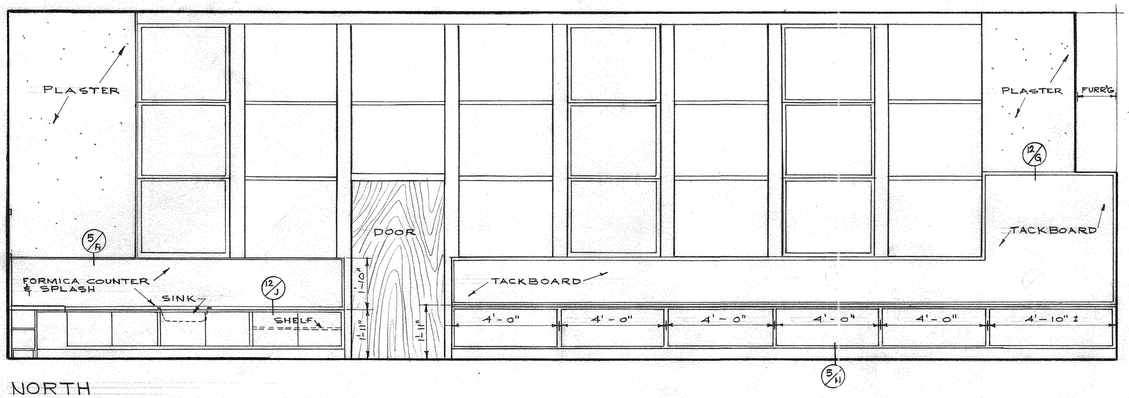
ADDITIONS TO THE SUN GARDEN VILLAGE SCHOOL FOR THE
WESTMINSTER SCHOOL DISTRICT
13451 SOUTH NEWLAND STREET WESTMINSTER, CALIFORNIA

APPROVED: Lee B. Kline — ARCHITECT
Floyd Johnston — ENGINEER

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
APPL. NO. 14118
MAR 7 - 1956 — DATE
E. Marston — PRINCIPAL STRUCTURAL ENGINEER

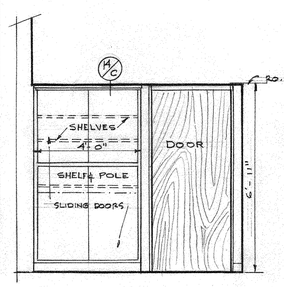
APPROVED: FOR THE DISTRICT
Ada Clegg
Byram L. Bates

DATE OF DRAWING 3-6-56
DRAWN BY GEM
DRAWING NO. 12 OF 19 SHTS.

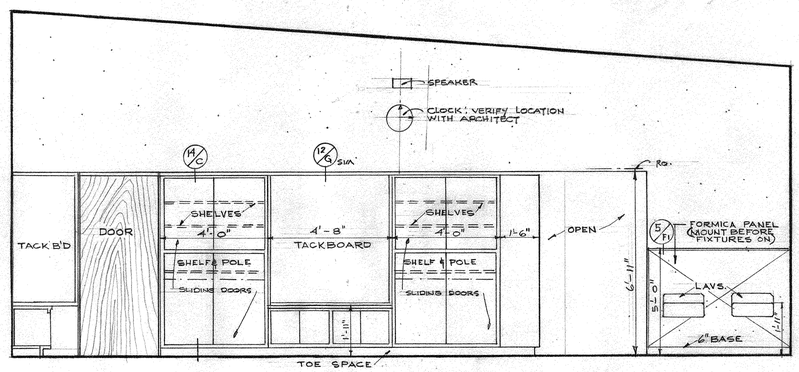


NORTH

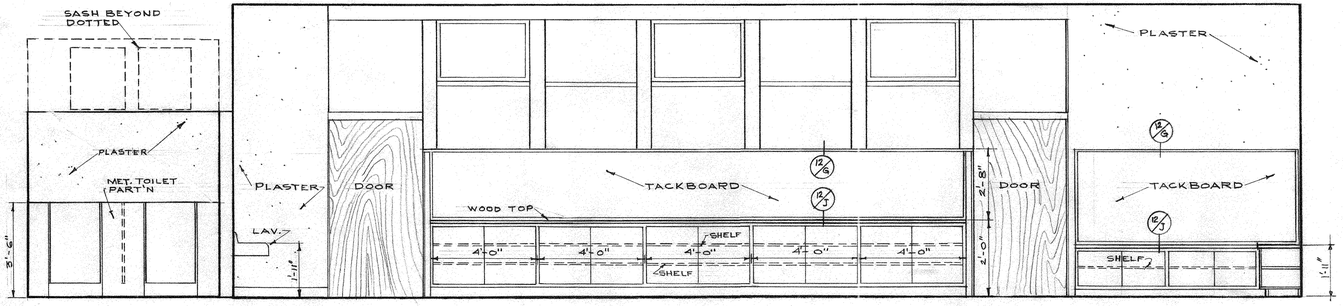
KINDERGARTEN · E-1



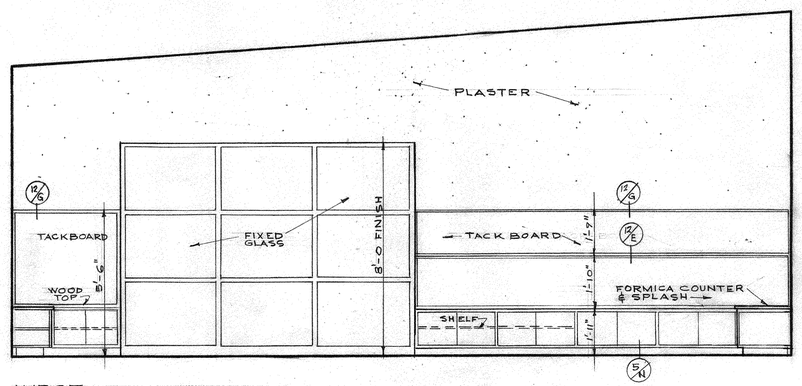
NORTH-ALCOVE



EAST



SOUTH-ALCOVE SOUTH



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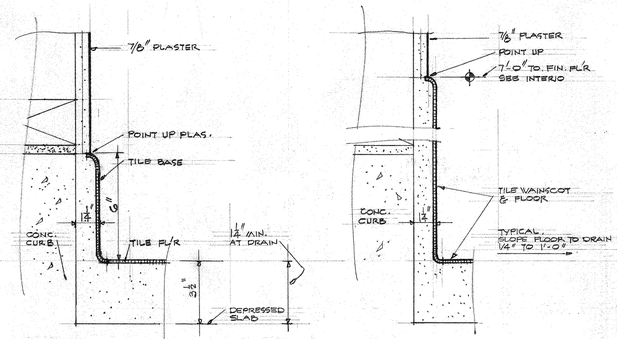
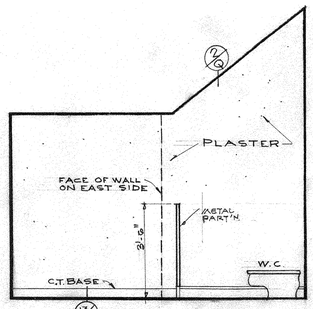
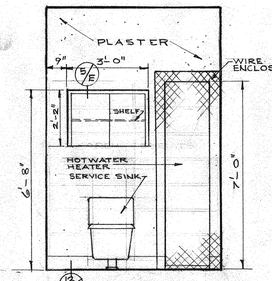


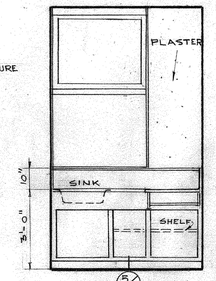
BASE DETAILS SCALE 3" = 1'-0"



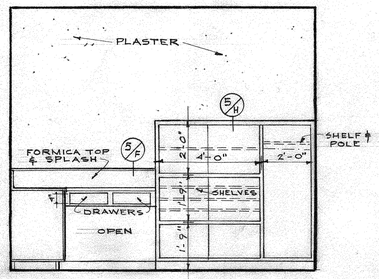
EAST-TOILET E-5



WEST-JANITOR E-3



NORTH-WORK RM. E-2



EAST-

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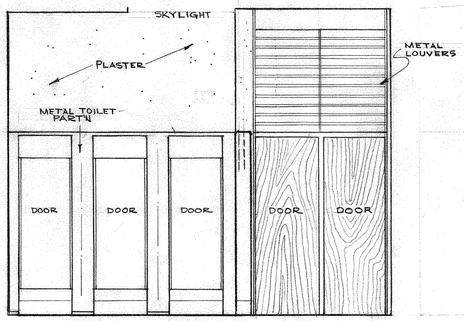
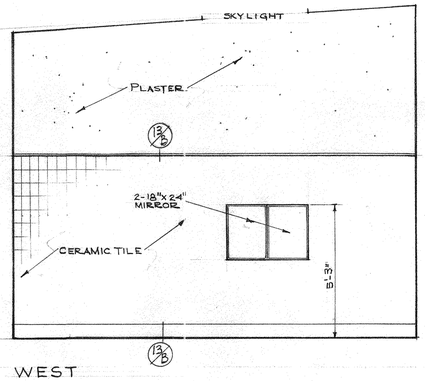
LEE B. KLINE ARCHITECT A.I.A. 1741 SILVERLAKE BOULEVARD LOS ANGELES 26 NORMANDY 5-5166	BRANDOW & JOHNSTON STRUCTURAL ENGINEERS 2430 WEST THIRD ST. DUNKIRK 5-2895 LOS ANGELES 57, CALIFORNIA	ADDITIONS TO THE SUN GARDEN VILLAGE SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT 13451 SOUTH NEWLAND STREET WESTMINSTER, CALIFORNIA	APPROVED: ARCHITECT / ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECT APPL. NO. 14118 DATE MAR 7 - 1956 PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT	DATE OF DRAWING 3-6-56 DRAWN BY GEM DRAWING NO. 13 OF 19 SHTS.



SOUTH
BOYS TOILET F-1



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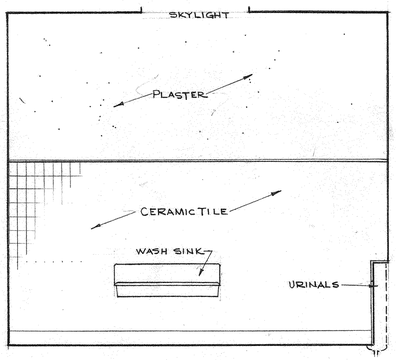

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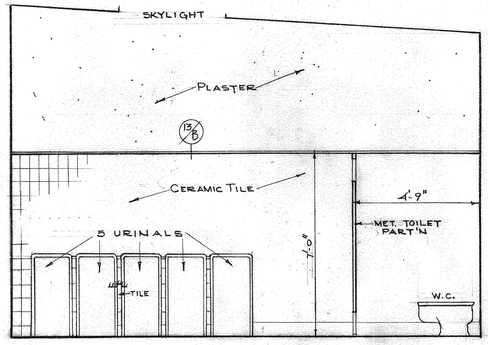

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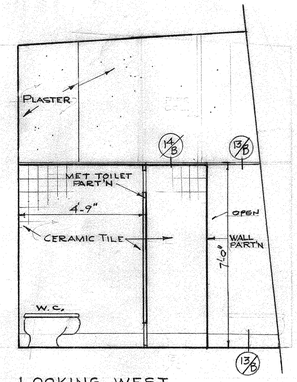
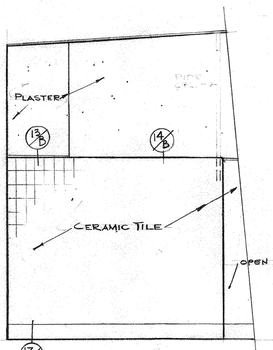
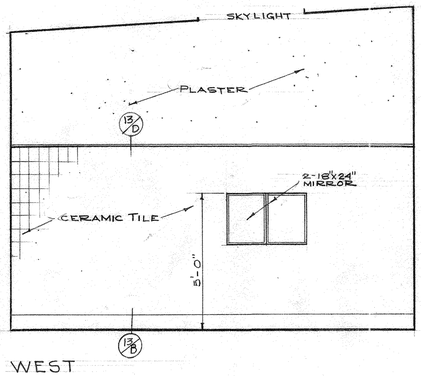


LOOKING WEST
(AT SCREEN PART'N)



LOOKING WEST
AT SCREEN PART'N
GIRLS TOILET D-1



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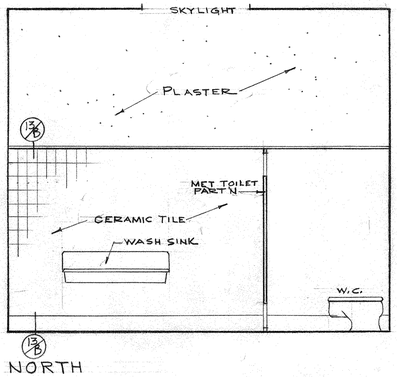

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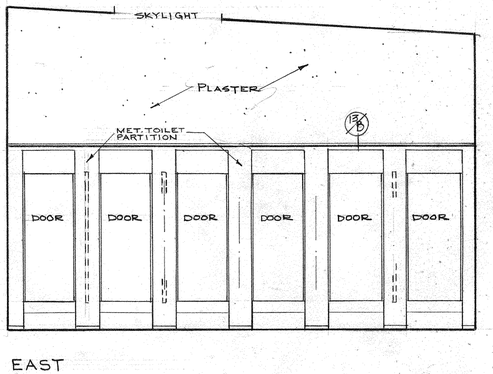

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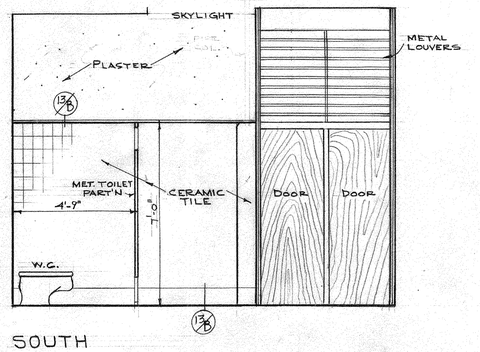
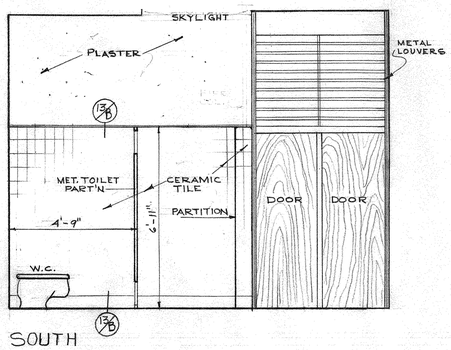
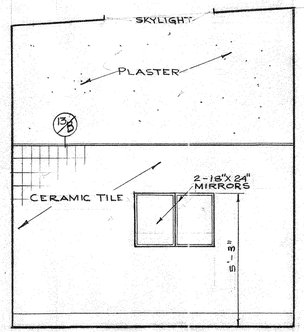


SOUTH



SOUTH
BOYS TOILET C-5



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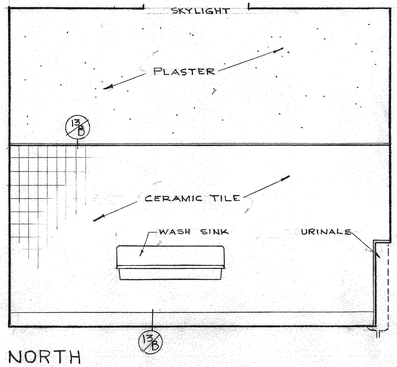
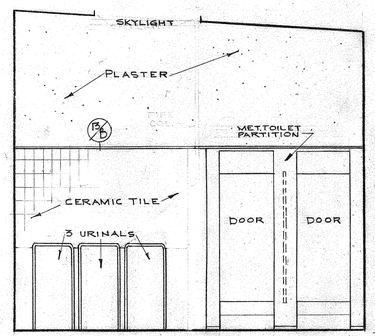
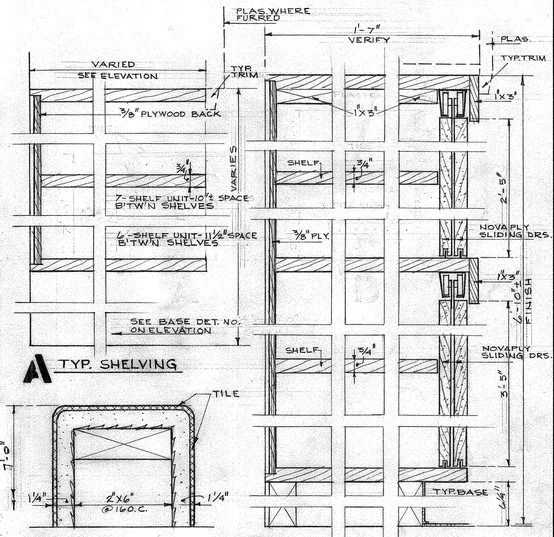


NORTH



EAST

TOILET RM. INTERIORS SCALE 3/8"= 1'-0"



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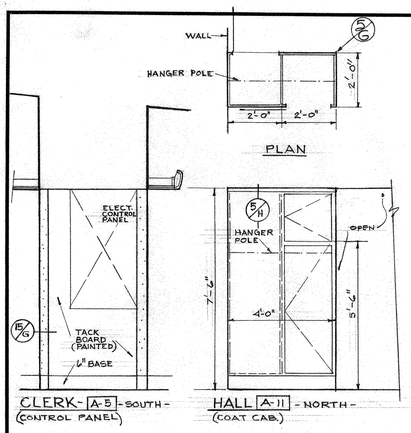
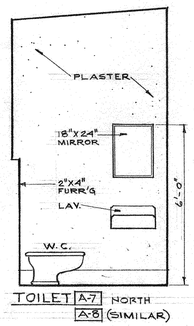
4"I 5.4#
SBE

LEE B. KLINE ARCHITECT A.I.A. 1741 SILVERLAKE BOULEVARD LOS ANGELES 26 NORMANDY 5-5166	BRANDOW & JOHNSTON STRUCTURAL ENGINEERS 2430 WEST THIRD ST. DUNKIRK 5-2895 LOS ANGELES 57, CALIFORNIA	ADDITIONS TO THE SUN GARDEN VILLAGE SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT 13451 SOUTH NEWLAND STREET WESTMINSTER, CALIFORNIA	APPROVED: Kell B Kline ARCHITECT Brandow & Johnston ENGINEER	APPROVED: 14118 APPL. NO. MAR 7 - 1956 DATE	STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE E. Maagsol PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT Ada Clegg Byram L. Bates	DATE OF DRAWING 3-6-56 DRAWN BY GEM DRAWING NO. 14 OF 19 SHTS.

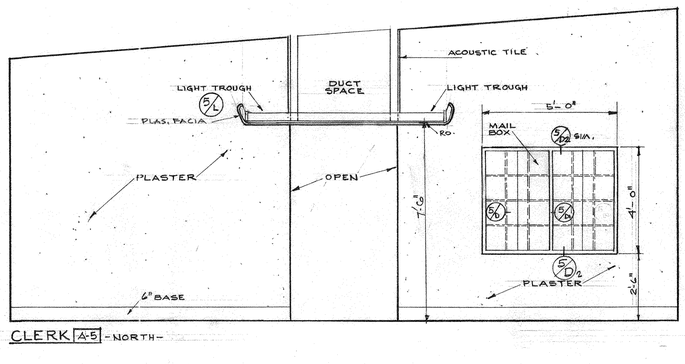


CLERK - A-5 - SOUTH - (CONTROL PANEL)

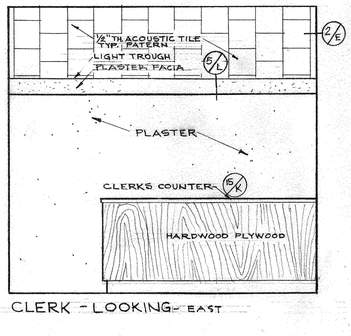
HALL A-11 - NORTH - (COAT CAB.)



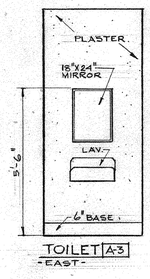
TOILET A-7 NORTH
A-8 (SIMILAR)



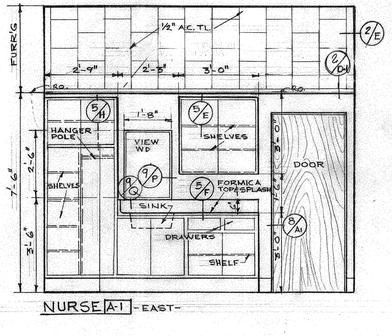
CLERK A-5 - NORTH -



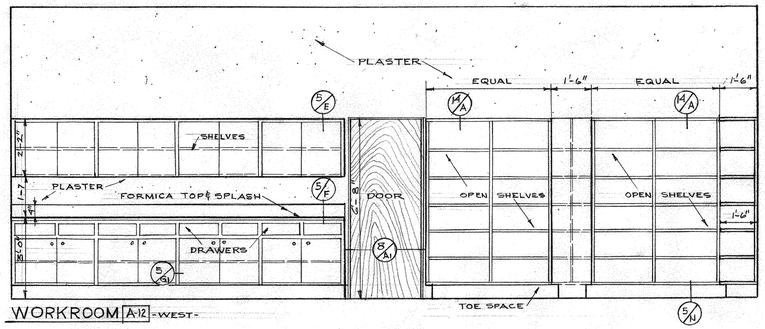
CLERK - LOOKING - EAST



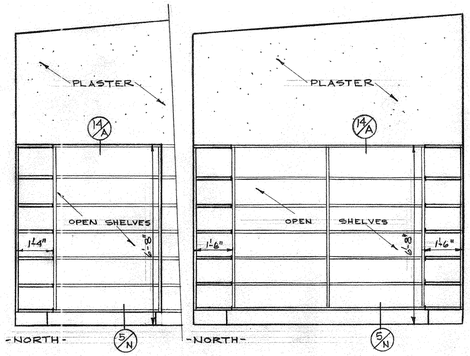
TOILET A-3 - EAST -



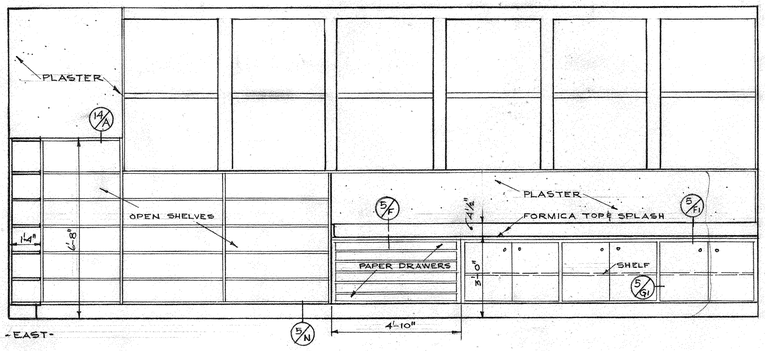
NURSE A-1 - EAST -



WORKROOM A-12 - WEST -



- NORTH - - NORTH -



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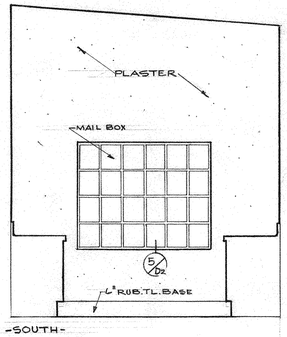
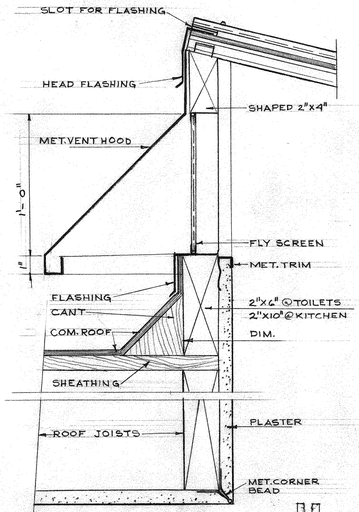
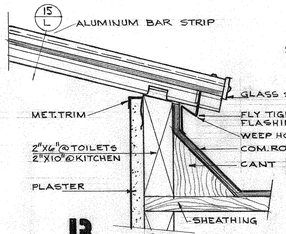


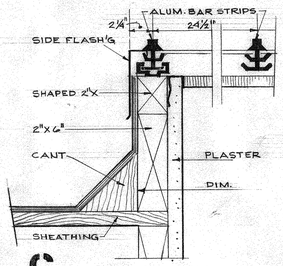
- SOUTH -



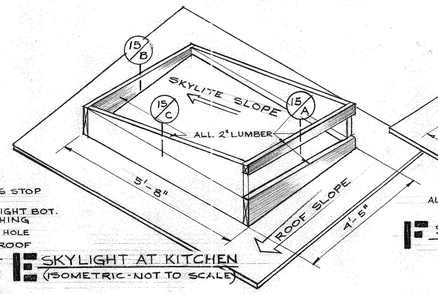
A TOP SECTION



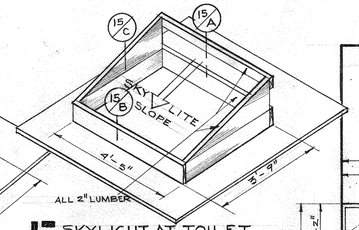
B BOTTOM SECTION



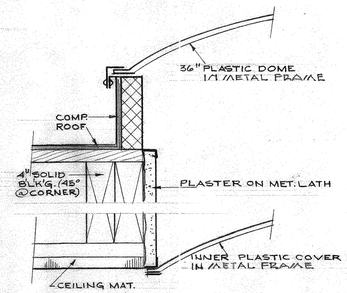
C SIDE SECTION



E SKYLIGHT AT KITCHEN (ISOMETRIC - NOT TO SCALE)



F SKYLIGHT AT TOILET (ISOMETRIC - NOT TO SCALE)



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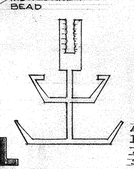

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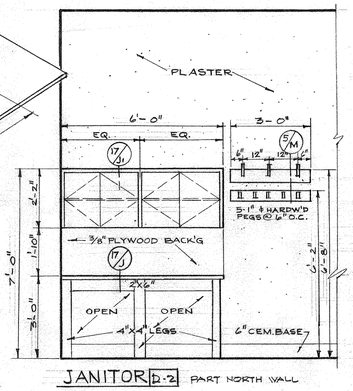
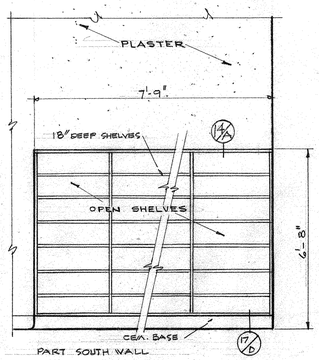
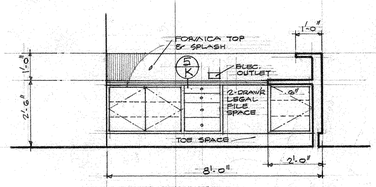


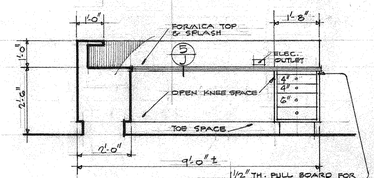
JANITOR D-2 PART NORTH WALL



PART SOUTH WALL



LOOKING EAST

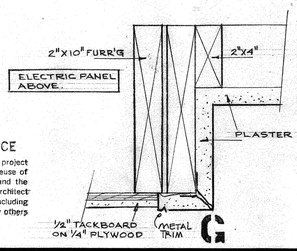


LOOKING NORTH

1½" TH. PULL BOARD FOR TYPEWRITER, PROVIDE EXTENSION SUPPORT HARDWARE.

K CLERK'S COUNTER

TYPICAL NOTE:
ALL SHELVES & CABINETS TO BE SECURELY FASTENED TO STRUCTURE.



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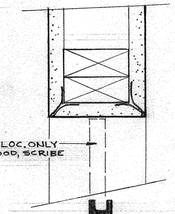

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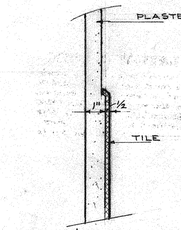

PLAN & SECTION (CERAMIC TILE)

J

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LEE B. KLINE ARCHITECT A.I.A.
1741 SILVERLAKE BOULEVARD LOS ANGELES 26 NORMANDY 5-5166

BRANDOW & JOHNSTON
STRUCTURAL ENGINEERS
2430 WEST THIRD ST. DUNKIRK 5-2895
LOS ANGELES 57, CALIFORNIA

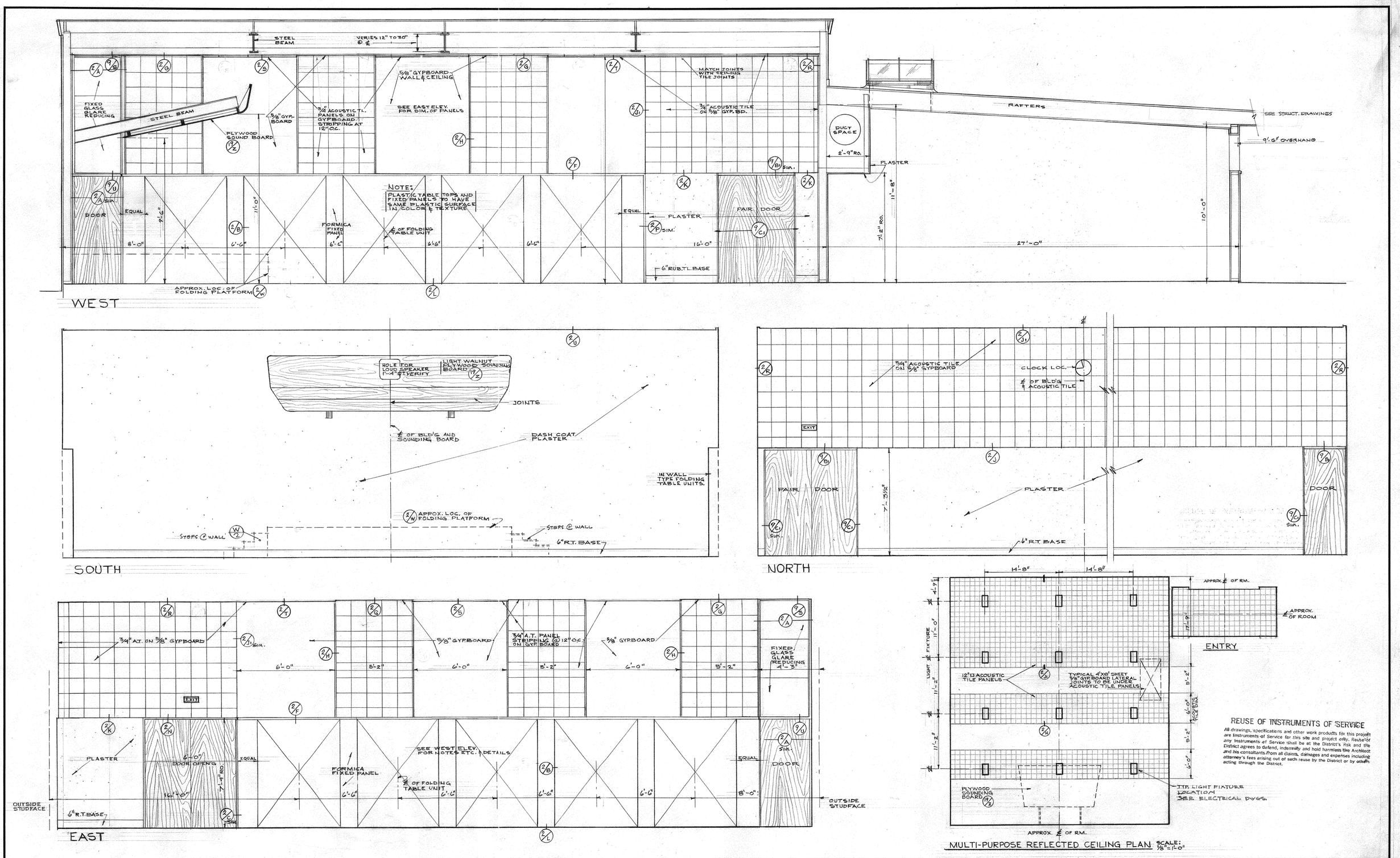
ADDITIONS TO THE SUN GARDEN VILLAGE SCHOOL FOR THE
WESTMINSTER SCHOOL DISTRICT
13681 SOUTH NEWLAND STREET WESTMINSTER, CALIFORNIA

APPROVED: Lee B. Kline
ARCHITECT
Brandow & Johnston
ENGINEER

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
APPL. NO. 14118
MAR 7 - 1956
DATE
PRINCIPAL STRUCTURAL ENGINEER

APPROVED: FOR THE DISTRICT
Arthur Ridgway
Byron L. Bates

DATE OF DRAWING 3-6-56
DRAWN BY G.E.M.
DRAWING NO. 15 OF 19 SHTS.



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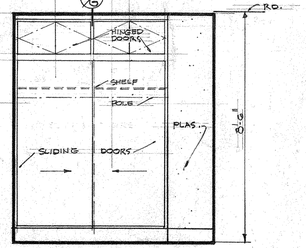
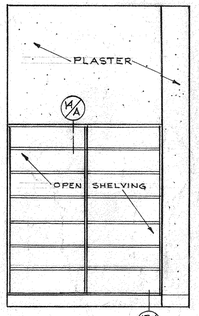
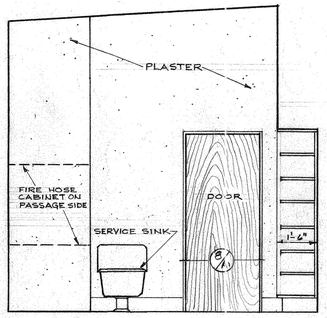
DATE OF DRAWING 3-6-56 | DRAWN BY G.E.M. | DRAWING NO. 16 OF 19 SHTS.



PASSAGE – B-10 -SOUTH-



JANITOR – B-15 -SOUTH-



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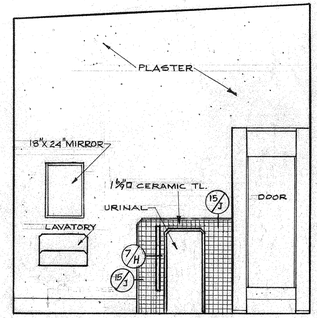
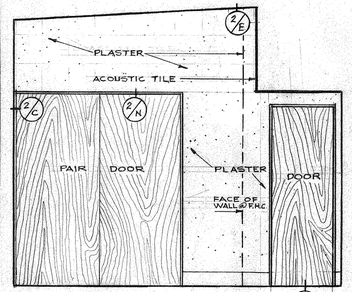
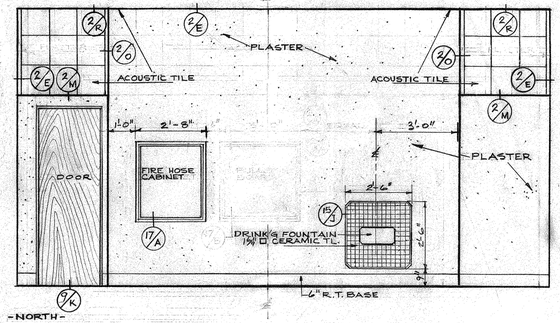


MEN'S ROOM – B-3 -WEST-



ENTRY – B-2 -WEST-



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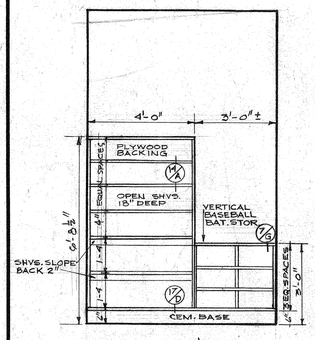
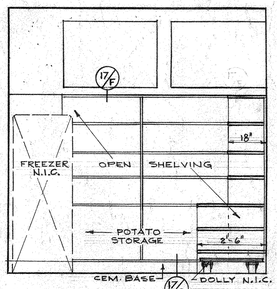
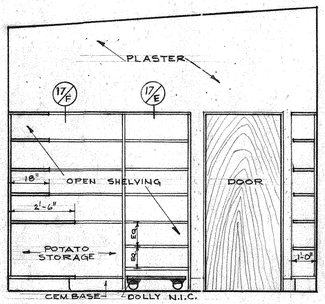


SPORT EQUIPT STOR. F-2



FOOD STORAGE – B-13 -NORTH-



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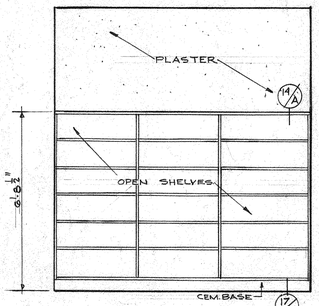
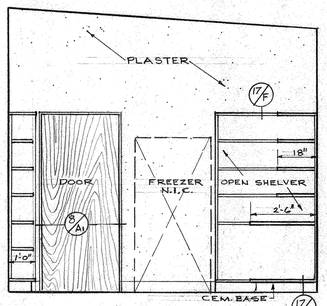


-SOUTH-



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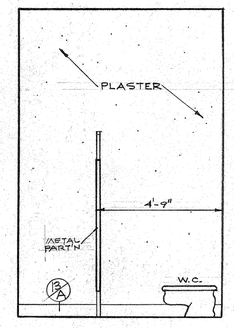
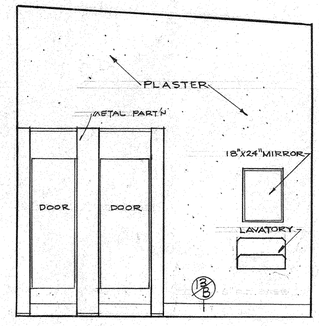


WOMEN'S RM. – B-4 -NORTH-



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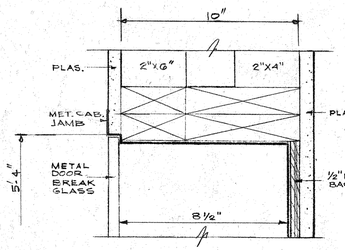
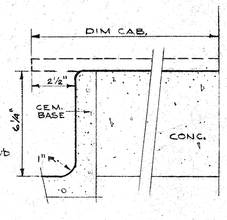


A FIRE HOSE CABINET
HEAD JAMB & SILL SAME



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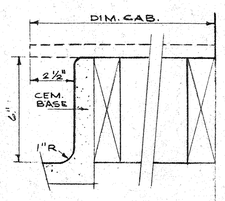

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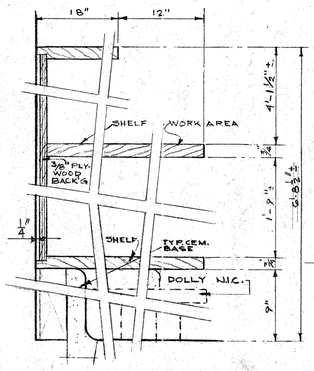
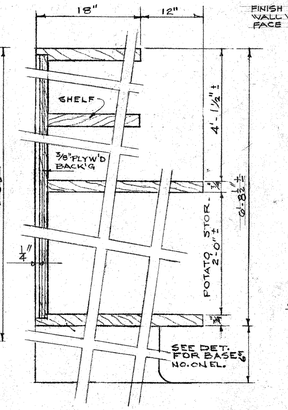


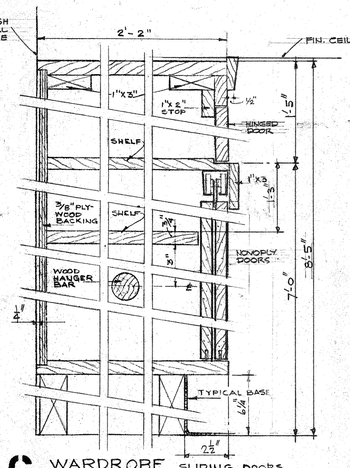
E STORAGE SHELVING
-DOLLY LOCATION-

NOTE:
ALL CABINETS TO BE SECURELY ANCHORED TO STRUCTURE OF BUILDING

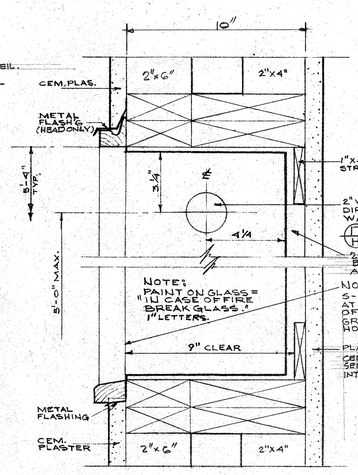
ALL DETAILS SCALE: 3" = 1'-0"



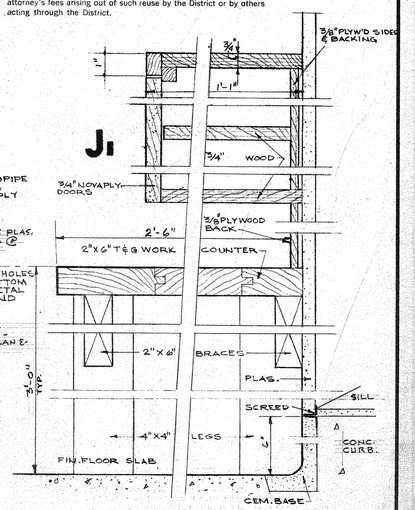
F TYPICAL OPEN SHELVING
-POTATOE STORAGE-



G WARDROBE SLIDING DOORS



H EXTERIOR
FIRE HOSE CABINET



J WORK BENCH

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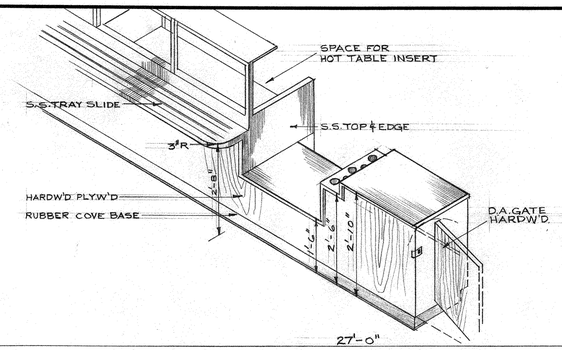
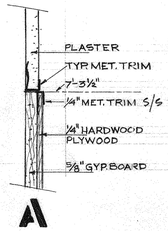
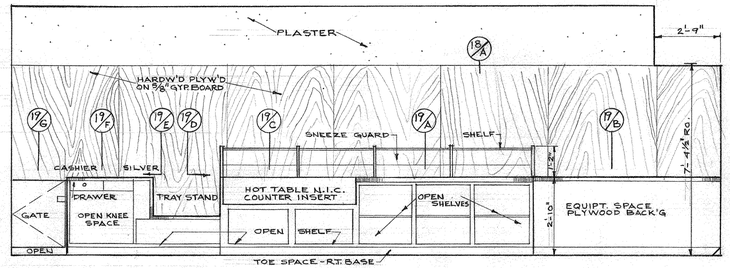
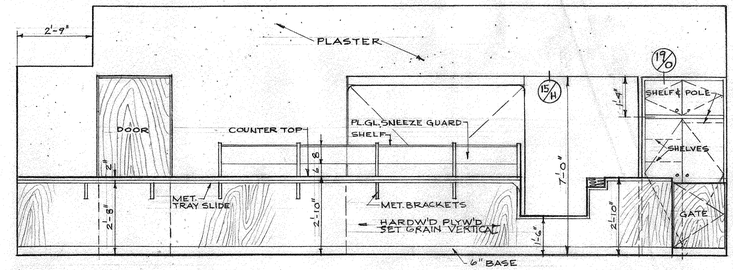
LEE B. KLINE ARCHITECT A.I.A. 1741 SILVERLAKE BOULEVARD LOS ANGELES 26 NORMANDY 5-5166	BRANDOW & JOHNSTON STRUCTURAL ENGINEERS 2430 WEST THIRD ST. DUNKIRK 5-2695 LOS ANGELES 57, CALIFORNIA	ADDITIONS TO THE SUN GARDEN VILLAGE SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT 13451 SOUTH NEWLAND STREET WESTMINSTER, CALIFORNIA	APPROVED: ARCHITECT; ENGINEER	APPROVED: 14118 APPL. NO. MAR 7 - 1956 DATE STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT	DATE OF DRAWING 5-6-56 DRAWN BY G.E.M.	DRAWING NO. 17 OF 19 SHTS.

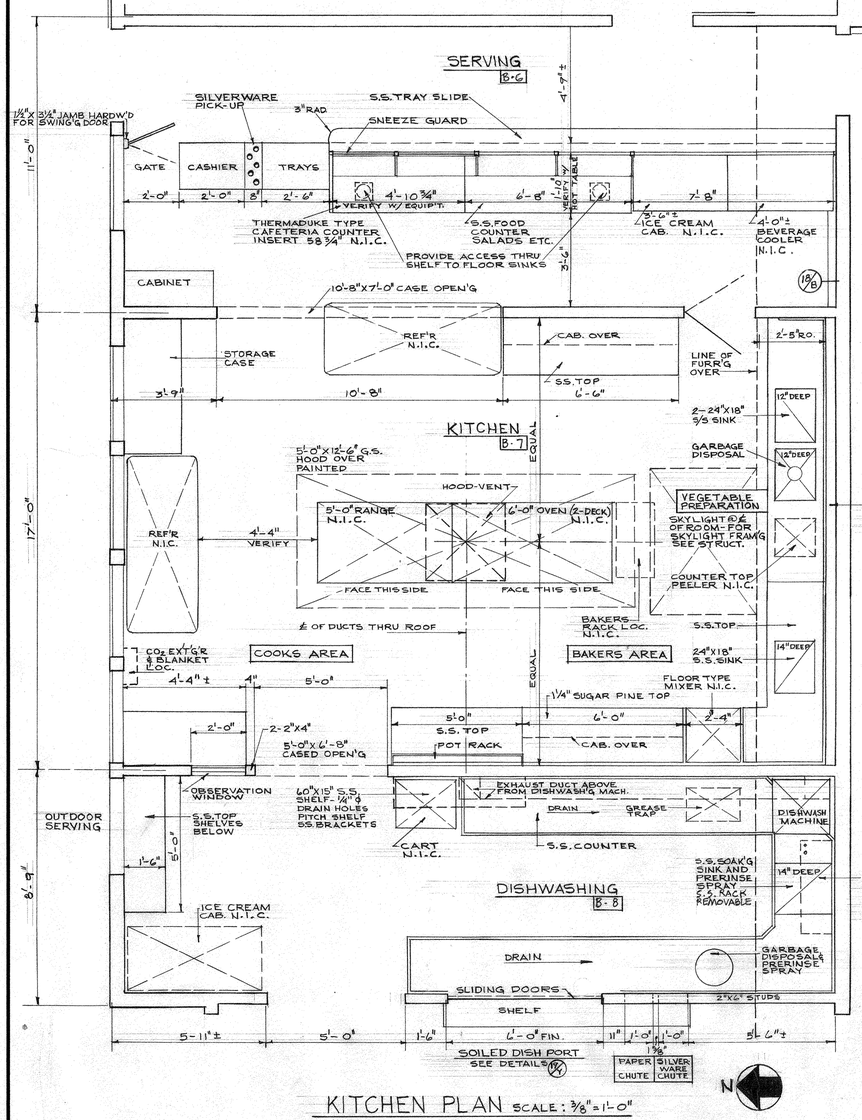




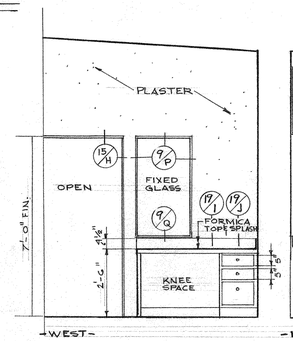


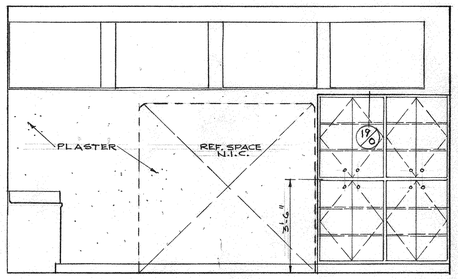


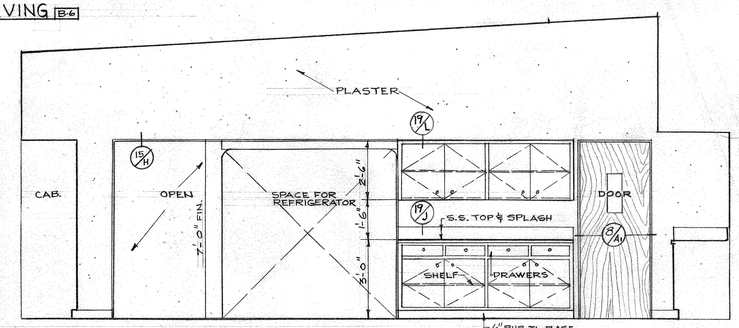
SERVING B-6



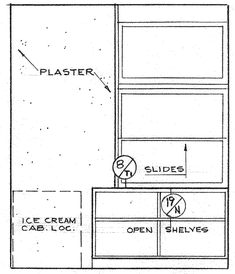
KITCHEN PLAN SCALE: ⅜" = 1'-0"



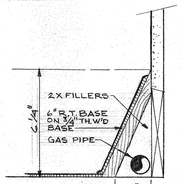


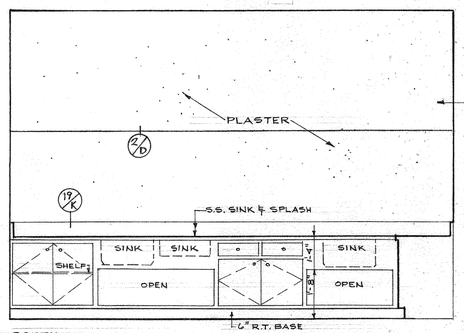


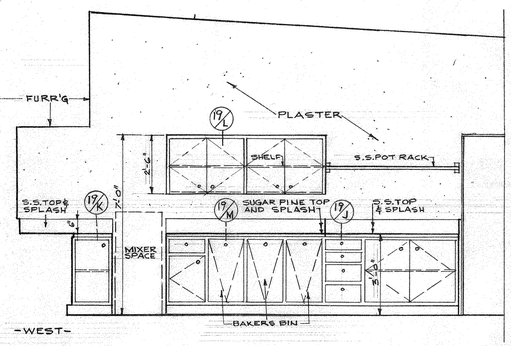
KITCHEN B-7



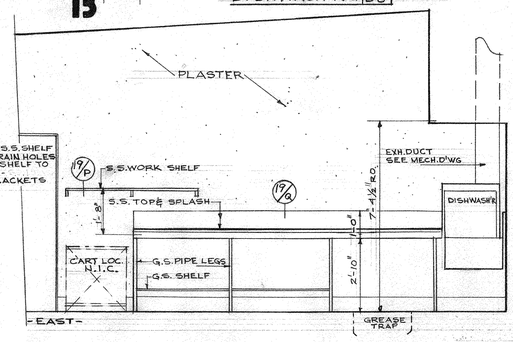
DISHWASHING B-8

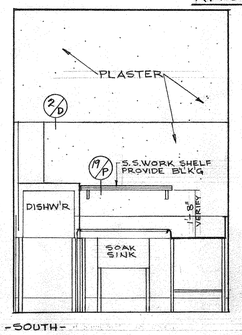


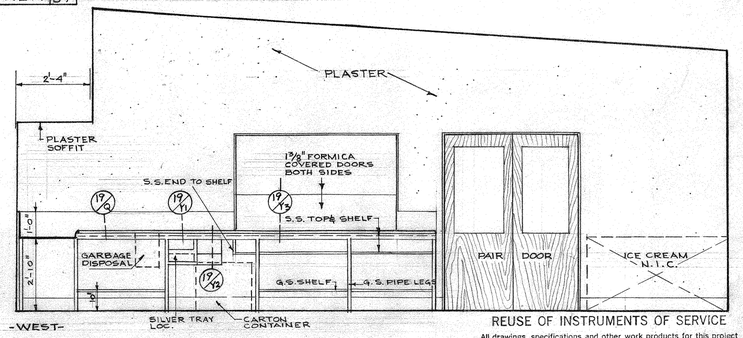




KITCHEN B-7







DISHWASHING B-8

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BRANDOW & JOHNSTON
STRUCTURAL ENGINEERS
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LOS ANGELES 57, CALIFORNIA

ADDITIONS TO THE SUN GARDEN VILLAGE SCHOOL FOR THE
WESTMINSTER SCHOOL DISTRICT
13451 SOUTH NEWLAND STREET WESTMINSTER, CALIFORNIA

APPROVED: Lee B. Kline
ARCHITECT
Eug. G. Johnston
ENGINEER

APPROVED: 14118
APPL. NO.
MAR 7 - 1956
DATE

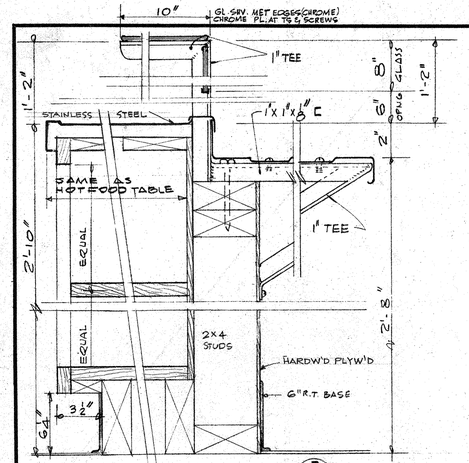
STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WKS.
DIVISION OF ARCHITECTURE
E. Murray Jr.
PRINCIPAL STRUCTURAL ENGINEER

APPROVED: FOR THE DISTRICT
Zada Clegg
Orpsan L. Bates

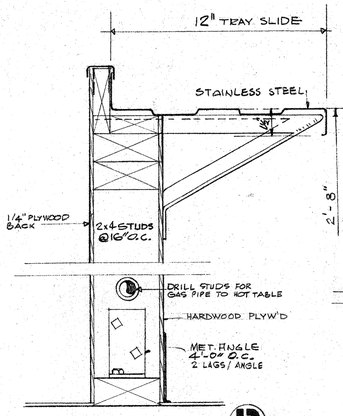
DATE OF DRAWING 3-6-56
DRAWN BY G.E.M.

DRAWING NO. 18 OF 19 SHTS.

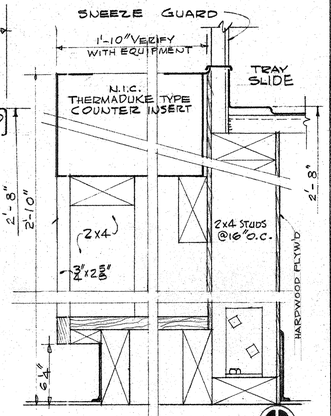
405



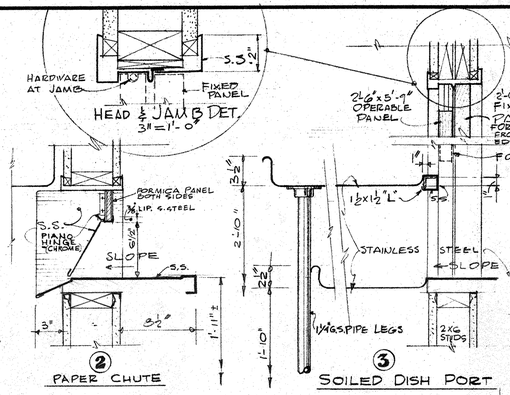
COLD FOOD TABLE (A)

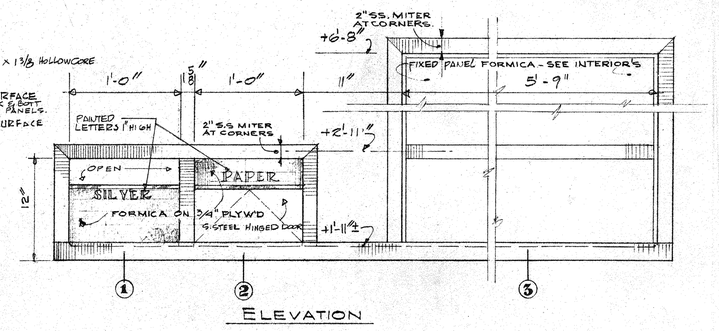


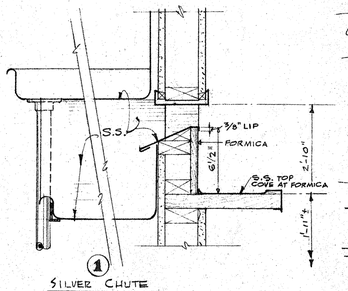
AT COOLER CABINETS (B)

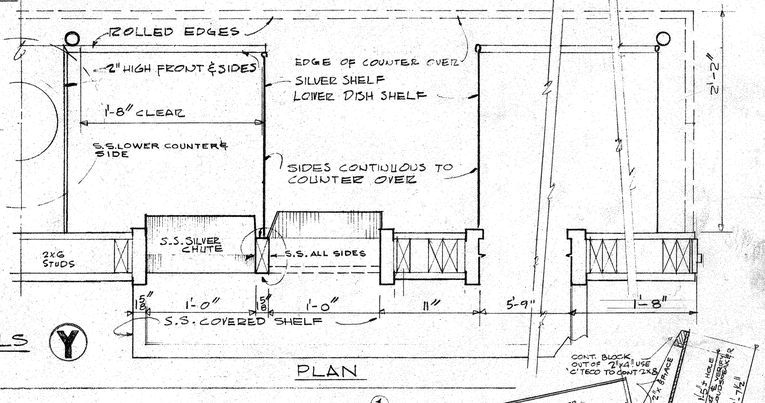


HOT FOOD TABLE (C)
3" = 1'-0"

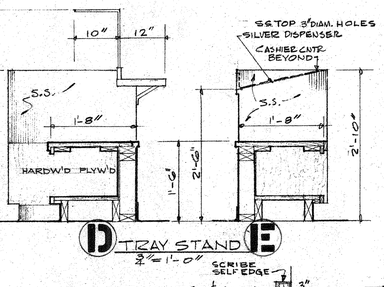




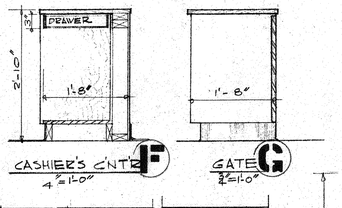




SOILED DISH PORT DETAILS (Y)
SCALE: 1½" = 1'-0"

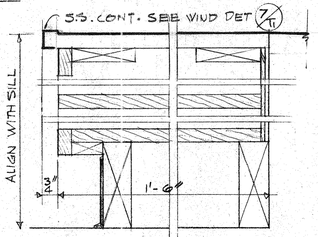


(D) TRAY STAND (E)
3" = 1'-0"

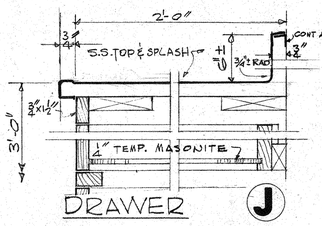


CASHIER'S CNTR (F)
4" = 1'-0"

GATE (G)
¾" = 1'-0"

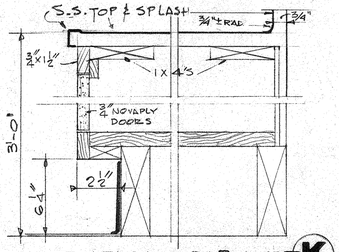


COUNTER AT SERVING WIND. (N)

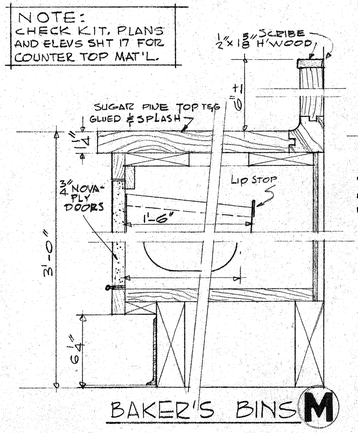


DRAWER (J)

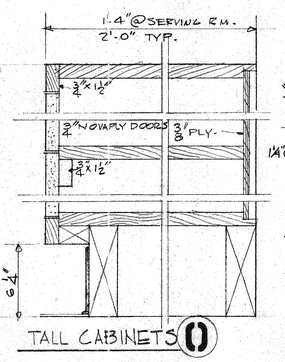
NOTE:
CHECK KIT. PLANS AND ELEVS SHT 17 FOR COUNTER TOP MAT'L.



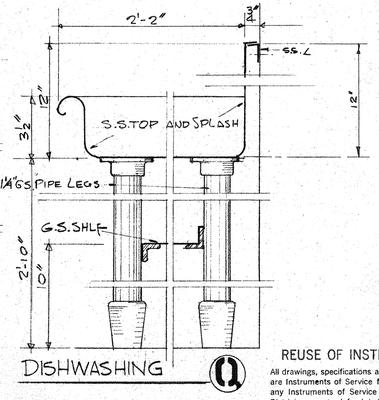
TYPICAL CABINET (K)



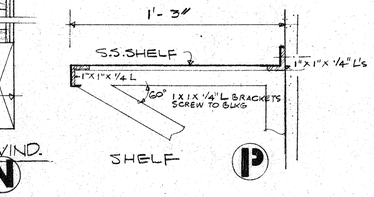
BAKER'S BINS (M)



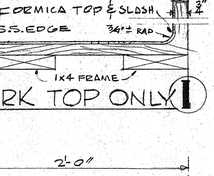
TALL CABINETS (O)



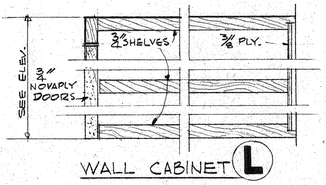
DISHWASHING (Q)



SHELF (P)

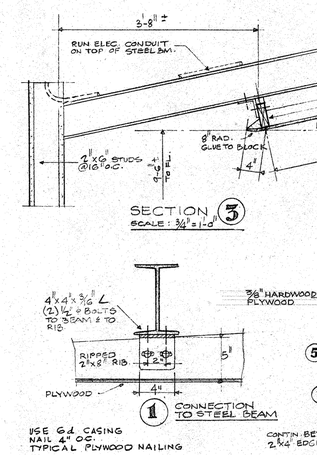


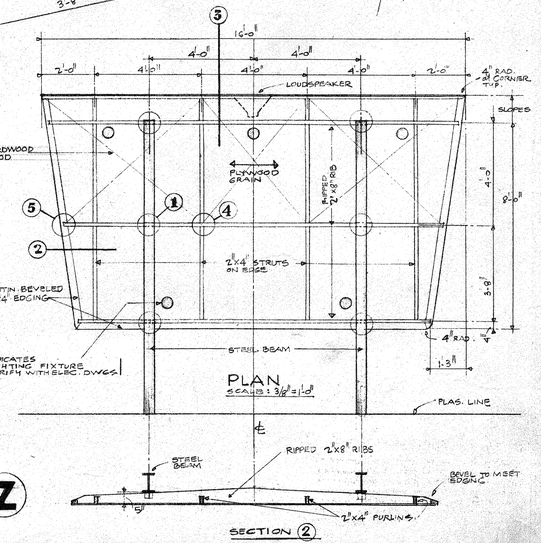
WORK TOP ONLY (I)



WALL CABINET (L)

KITCHEN AND DISHWASHING CABINET DETAILS
SCALE: 3" = 1'-0"





SOUND BOARD (Z)
SCALE AS NOTED

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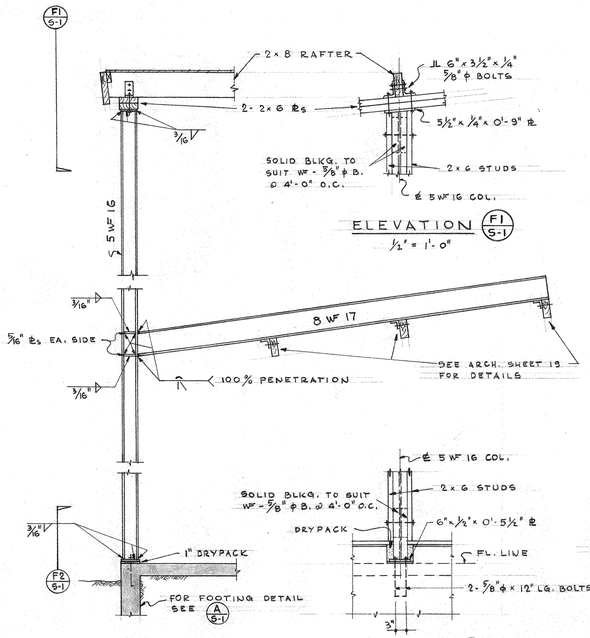
ADDITIONS TO THE SUN GARDEN VILLAGE SCHOOL FOR THE
WESTMINSTER SCHOOL DISTRICT
13451 SOUTH NEWLAND STREET WESTMINSTER, CALIFORNIA

APPROVED: ARCHITECT Lee B. Kline
ENGINEER Kayo Johnston

APPROVED: STATE OF CALIFORNIA, DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
14118
APPL. NO.
MAR 7 - 1956
DATE
50¢ PRINCIPAL STRUCTURAL ENGINEER

APPROVED: FOR THE DISTRICT
Ada Clegg
Byram L. Gates

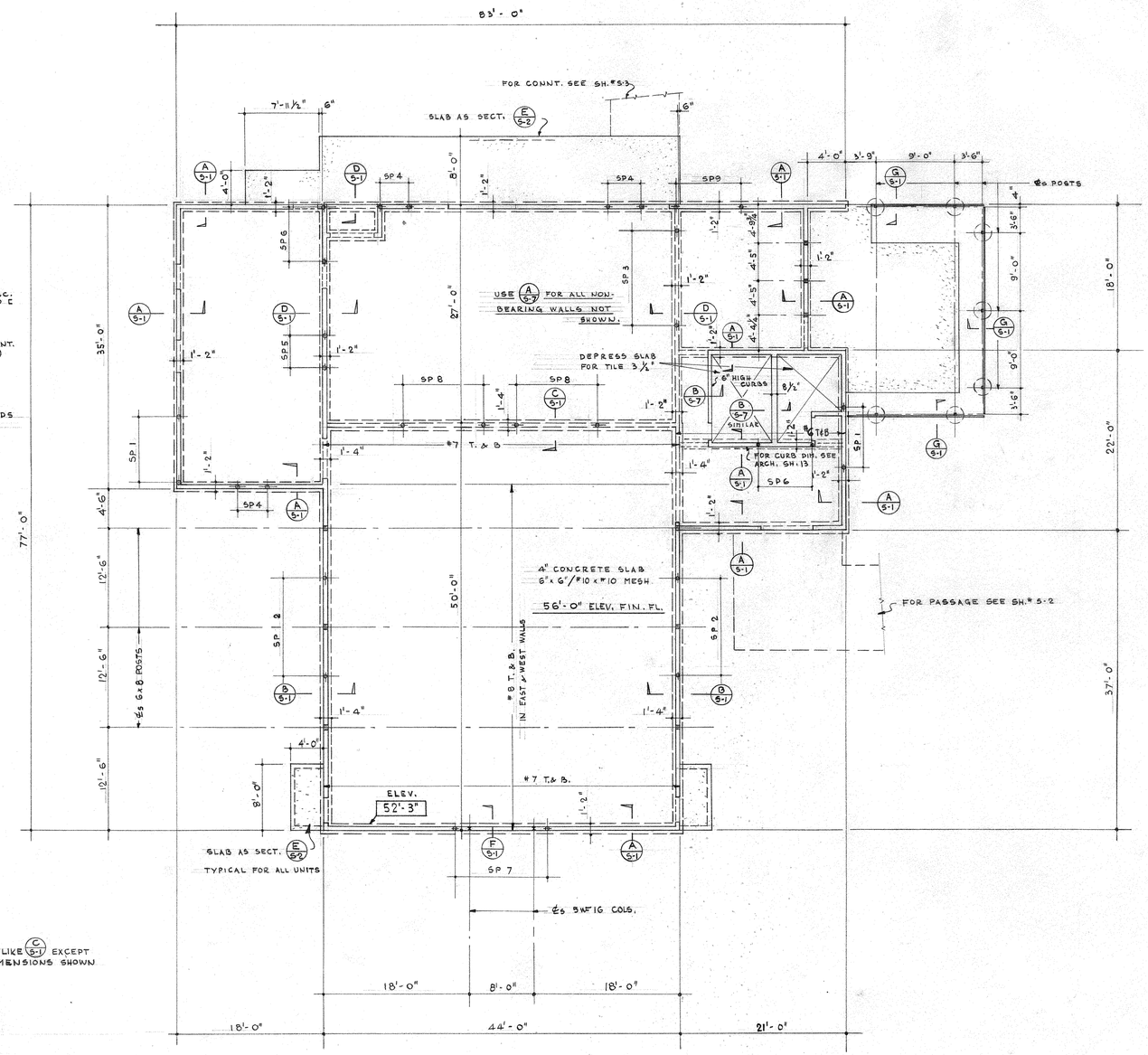
DATE OF DRAWING 2-6-56
DRAWN BY W.A.K. F.P.D.
DRAWING NO. 19
OF 19 SHEETS

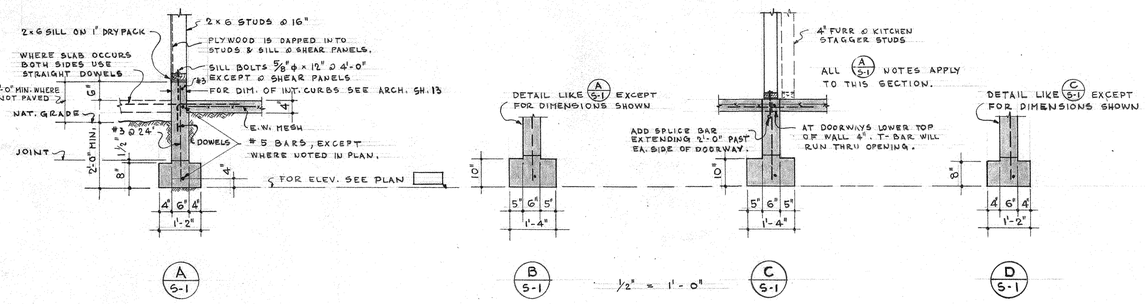


SECTION F S-1
½" = 1'-0"

ELEVATION F2 S-1
½" = 1'-0"

SECTION G S-1
½" = 1'-0"





½" = 1'-0"

MULTIPURPOSE BUILDING - UNIT "B"
FOUNDATION PLAN
SCALE: ⅛" = 1'-0"

N

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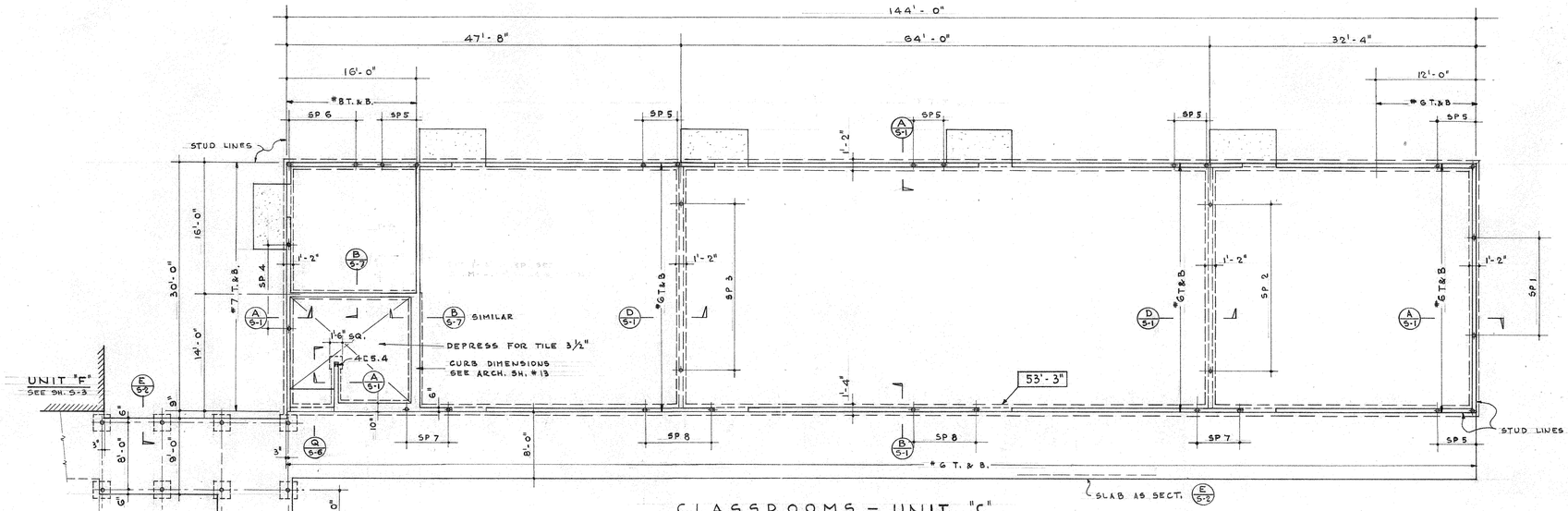
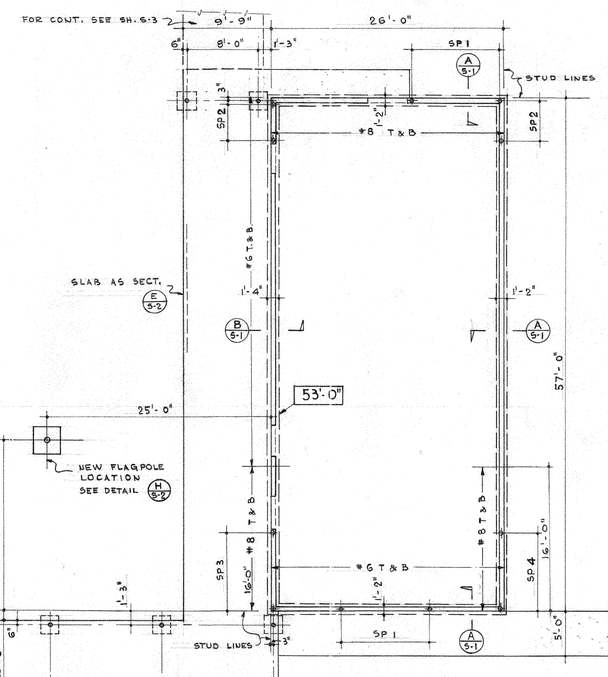


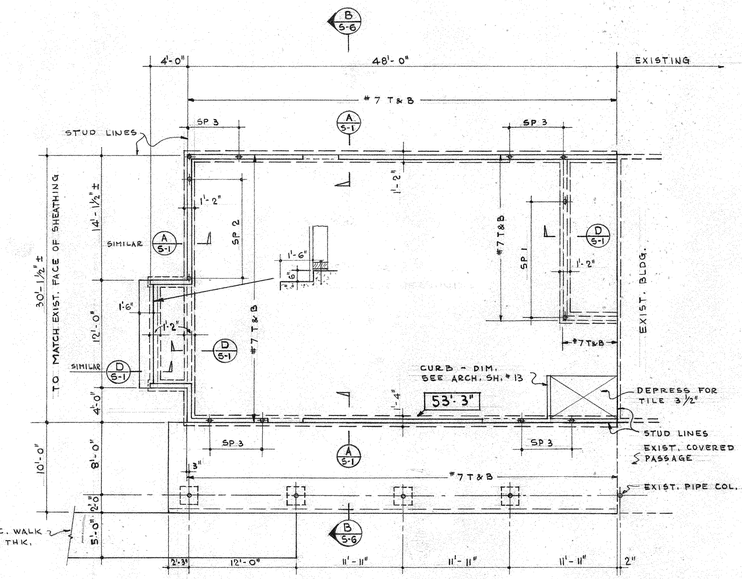
CLASSROOMS – UNIT "C"

FIN. FL. ELEV. 56'-0"



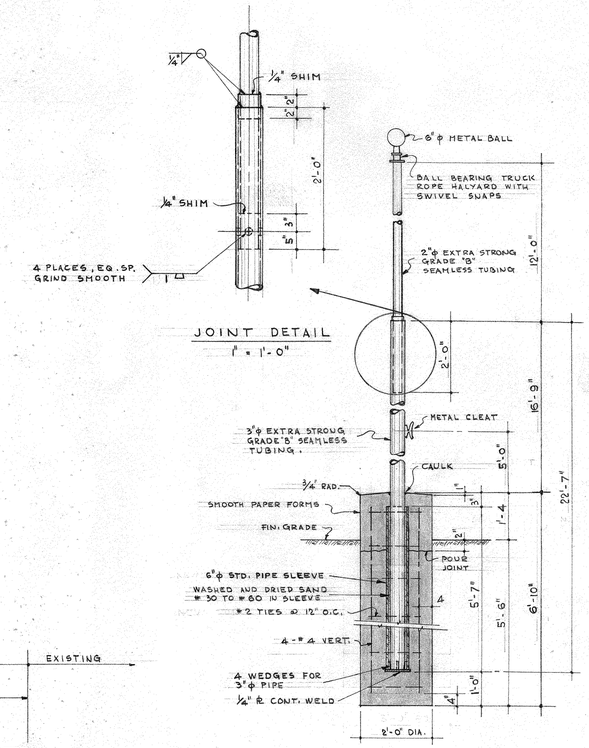
ADMINISTRATION – UNIT "A"

FIN. FL. ELEV. 56'-0"



KINDERGARTEN – UNIT "E"

FIN. FL. ELEV. 55'-11⅝"



N

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FOUNDATION PLANS

SCALE: ⅛" = 1'-0"

ELEV. OF BOTTOM OF FTG. IS SHOWN IN ☐
FLOOR SLABS ARE 4" CONCRETE WITH 6"x6"/#10x#10 WELDED WIRE FABRIC.

LEE B. KLINE ARCHITECT A.I.A.
1741 SILVERLAKE BOULEVARD LOS ANGELES 26 NORMANDY 5-5166

BRANDOW & JOHNSTON STRUCTURAL ENGINEERS
2430 WEST THIRD ST. DUNKIRK 5-2895
LOS ANGELES 57, CALIFORNIA

ROGER G. OJEDA CONSULTING ENGINEER
LOS ANGELES CALIFORNIA

ADDITIONS TO THE SUN GARDEN VILLAGE SCHOOL FOR THE
WESTMINSTER SCHOOL DISTRICT
13481 SOUTH NEWLAND STREET WESTMINSTER, CALIFORNIA

APPROVED: Lee B. Kline
ARCHITECT
Ray G. Johnston
ENGINEER

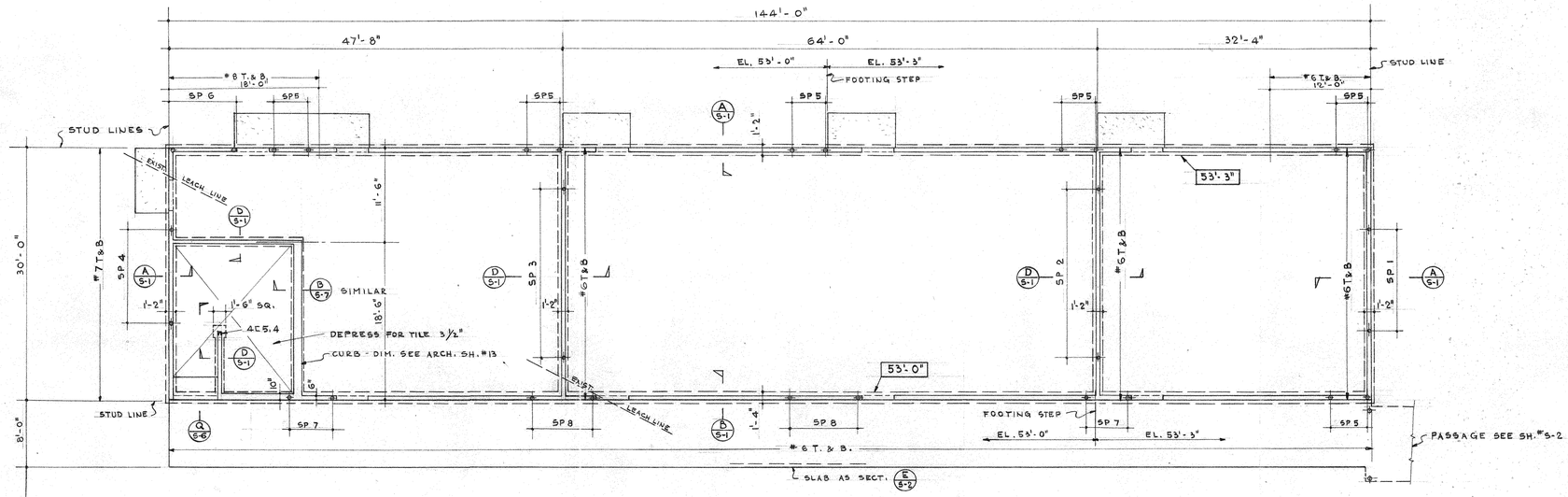
APPROVED: 14118
APPL. NO.
MAR 7 - 1956
DATE

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WKS.
DIVISION OF ARCHITECTURE
E. Turcopson
PRINCIPAL STRUCTURAL ENGINEER

APPROVED: FOR THE DISTRICT
Ida Gregg
Byron L. Bates

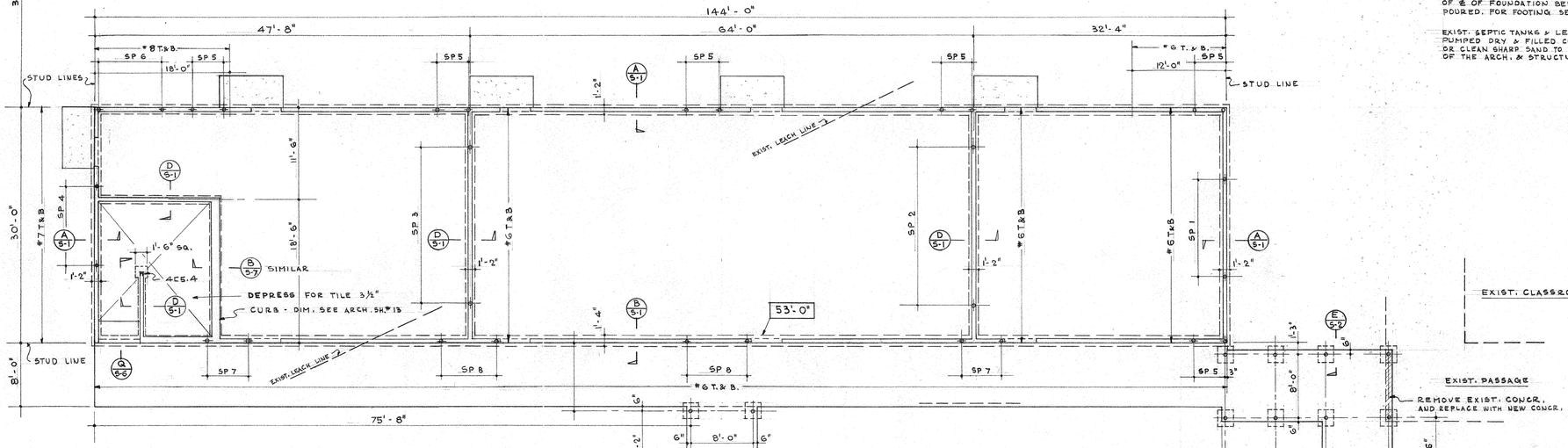
DATE OF DRAWING 3-6-56
DRAWN BY KS

DRAWING NO. S2
OF 7 SHTS.



CLASSROOM - UNIT "F"

FIN. FL. ELEV. 56'-0"



FOUNDATION PLANS

1/8" = 1'-0"

CLASSROOM - UNIT "D"

FIN. FL. ELEV. 56'-0"

NOTE: CUT & CAP EXIST. LEACH LINES 4'-0" EA. SIDE OF ℄ OF FOUNDATION BEFORE FOUND. ARE POURED. FOR FOOTING SEE DET. (E/S-7) SIMILAR.

EXIST. SEPTIC TANKS & LEACH PITS SHALL BE PUMPED DRY & FILLED COMPACTLY WITH GRAVEL OR CLEAN SHARP SAND TO THE SATISFACTION OF THE ARCH. & STRUCTURAL ENGINEER.

ELEV. OF BOTTOM OF FTG. IS SHOWN

FLOOR SLABS ARE 4" CONCRETE WITH 6"x6"/#10x#10 WELDED WIRE FABRIC.

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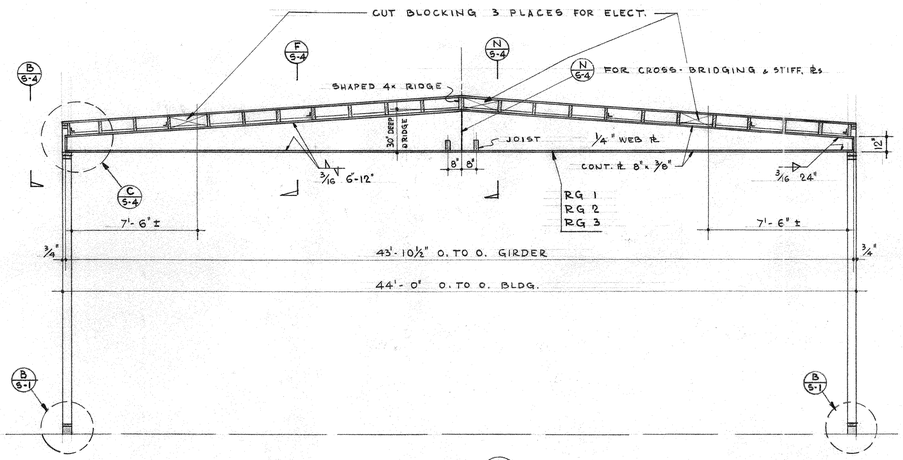
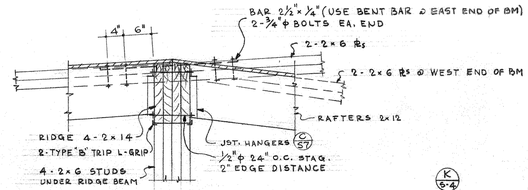
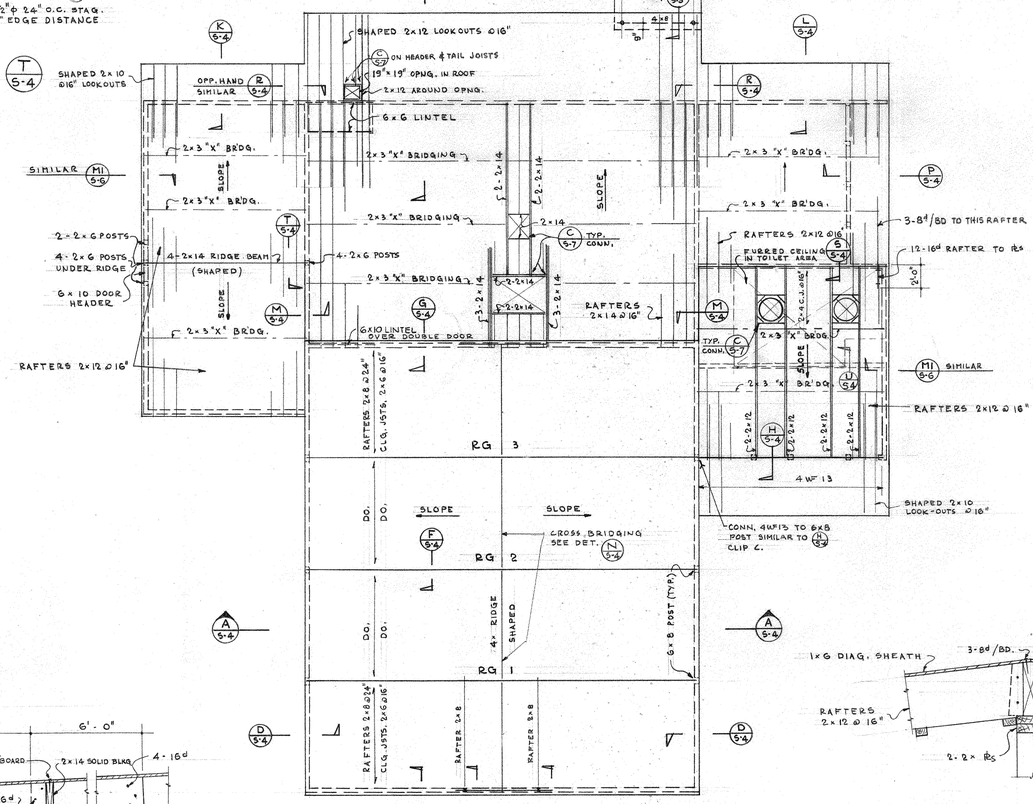
LEE B. KLINE ARCHITECT A.I.A. 1741 SILVERLAKE BOULEVARD LOS ANGELES 26 NORMANDY 5-5166	BRANDOW & JOHNSTON STRUCTURAL ENGINEERS 2430 WEST THIRD ST. DUNKIRK 5-2895 LOS ANGELES 57, CALIFORNIA	ROGER G. OJEDA CONSULTING ENGINEER LOS ANGELES CALIFORNIA	ADDITIONS TO THE SUN GARDEN VILLAGE SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT 13481 SOUTH NEWLAND STREET WESTMINSTER, CALIFORNIA	APPROVED: ARCHITECT / ENGINEER	APPROVED: 14118 APPL. NO. MAR 7 - 1956 DATE STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT	DATE OF DRAWING 5-6-56 DRAWN BY KS DRAWING NO. S3 OF 7 SHTS.

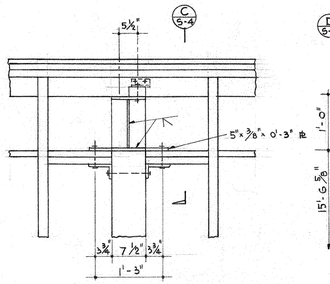


SECTION A 5-4
1/4" = 1'-0"



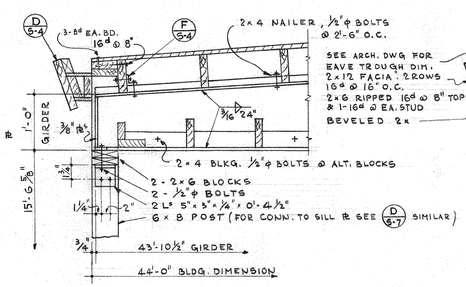
SECTION T 5-4
1/4" = 1'-0"





END VIEW - GIRDER SEAT

ELEVATION B 5-4
SCALE: ¾" = 1'-0"

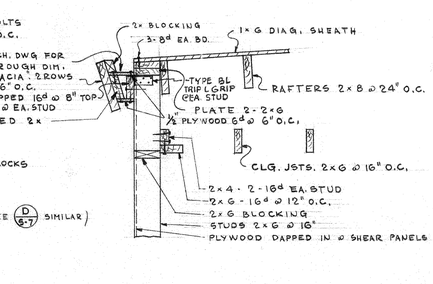


SIDE VIEW - GIRDER SEAT

SECTION C 5-4
SCALE: ¾" = 1'-0"

SIDE WALL EAVE

SECTION D 5-4
SCALE: ¾" = 1'-0"

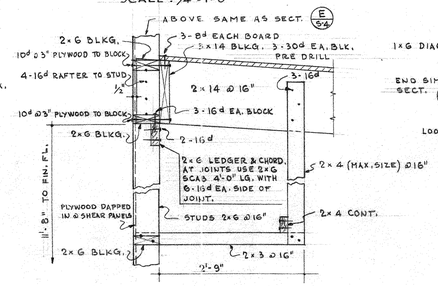


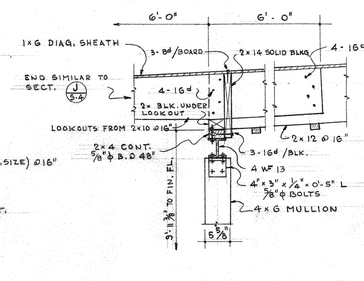
END WALL GABLE

SECTION E 5-4
¾" = 1'-0"

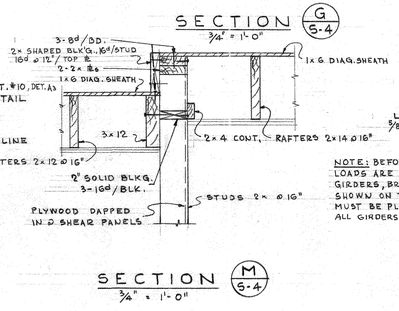
GIRDER FRAMING

SECTION F 5-4
¾" = 1'-0"

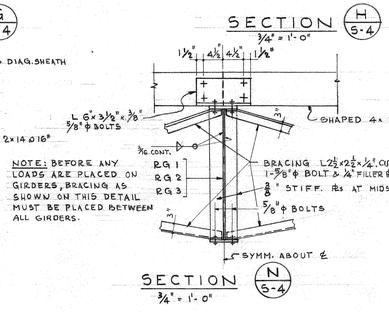




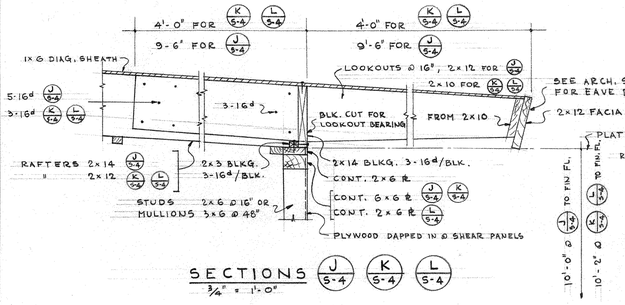
SECTION G 5-4
¾" = 1'-0"



SECTION H 5-4
¾" = 1'-0"



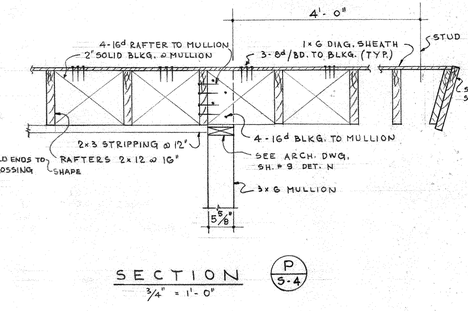
SECTIONS J 5-4 K 5-4 L 5-4
¾" = 1'-0"



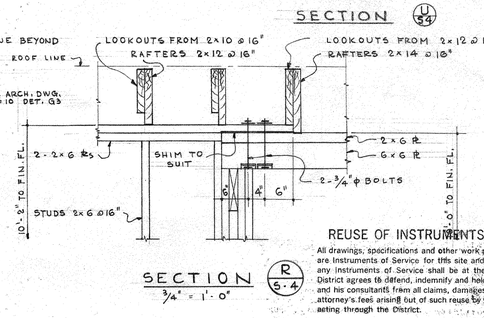
SECTION M 5-4
¾" = 1'-0"

SECTION N 5-4
¾" = 1'-0"

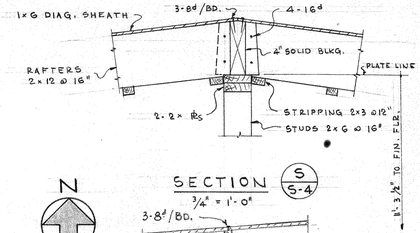
ROOF FRAMING PLAN
UNIT "B"
⅛" = 1'-0"



SECTION P 5-4
¾" = 1'-0"

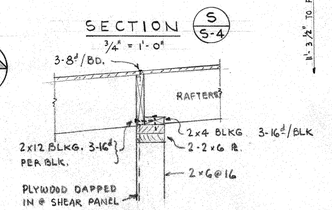


SECTION R 5-4
¾" = 1'-0"



N

SECTION S 5-4
¾" = 1'-0"



SECTION U 5-4

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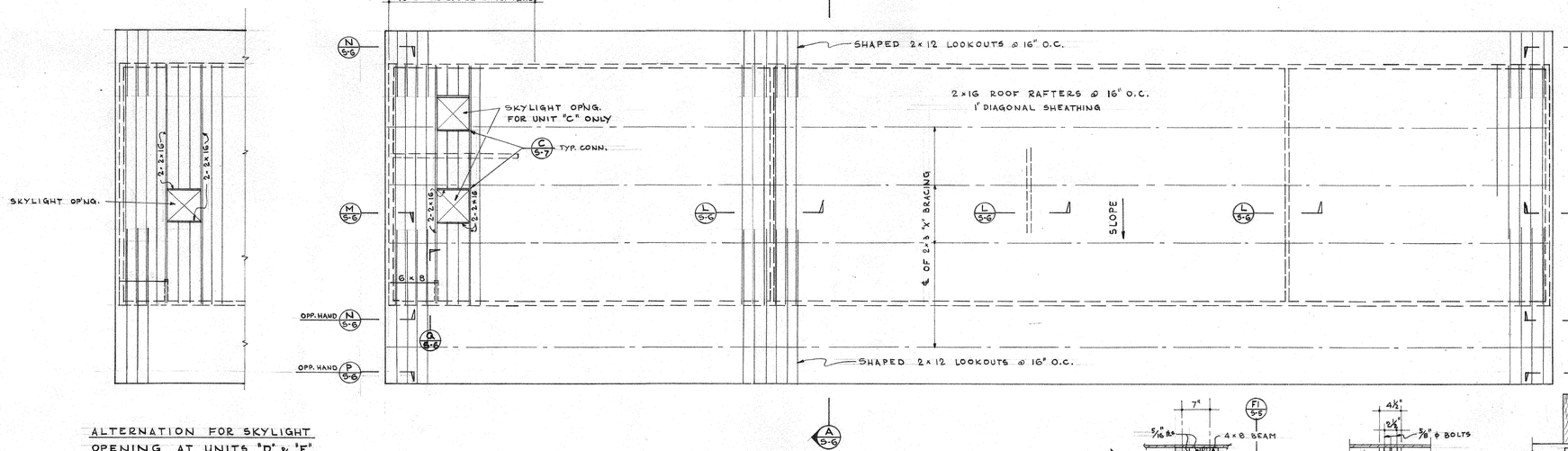
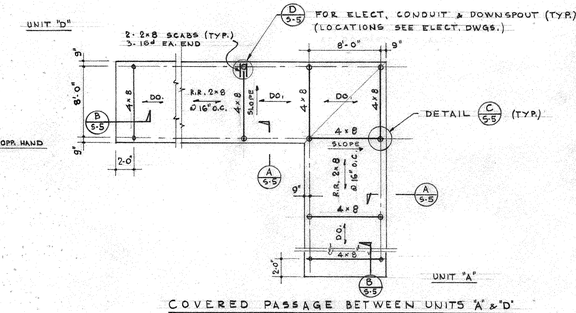
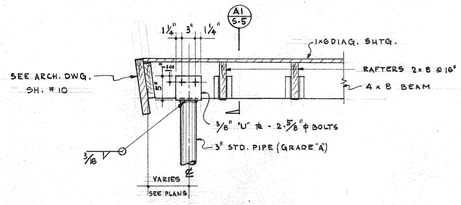


ALTERNATION FOR SKYLIGHT OPENING AT UNITS "D" & "F"



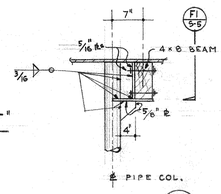
COVERED PASSAGE BETWEEN UNITS "A" & "D"
(COL. SP'NG. SEE SH. S-3)



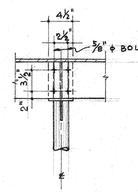
SECTION (A 6-5)
3/4" = 1'-0"

CLASSROOM - UNITS "C", "D" & "F"

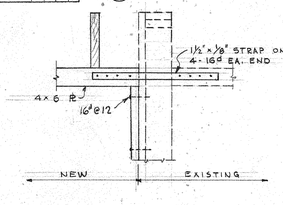
SEE ALTERNATION FOR SKYLIGHTS AT UNITS "D" & "F"



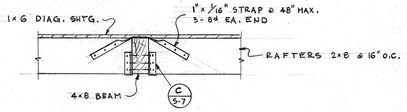
DETAIL (F 5-5)
3/4" = 1'-0"



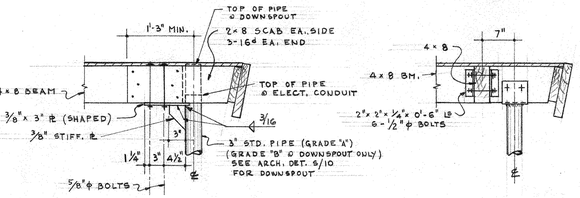
VIEW (F1 5-5)
3/4" = 1'-0"



SECTION (G 5-5)
3/4" = 1'-0"

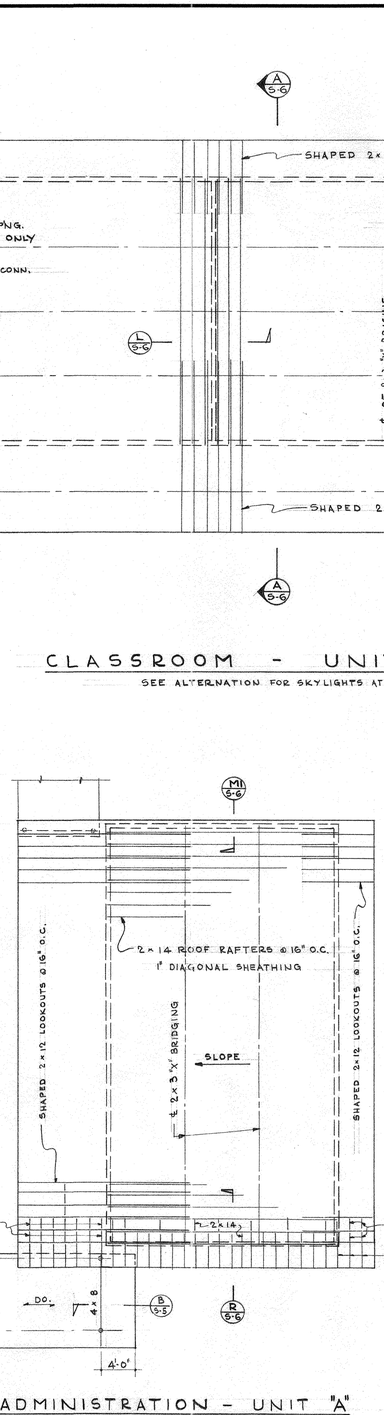


SECTION (A1 5-5)
3/4" = 1'-0"

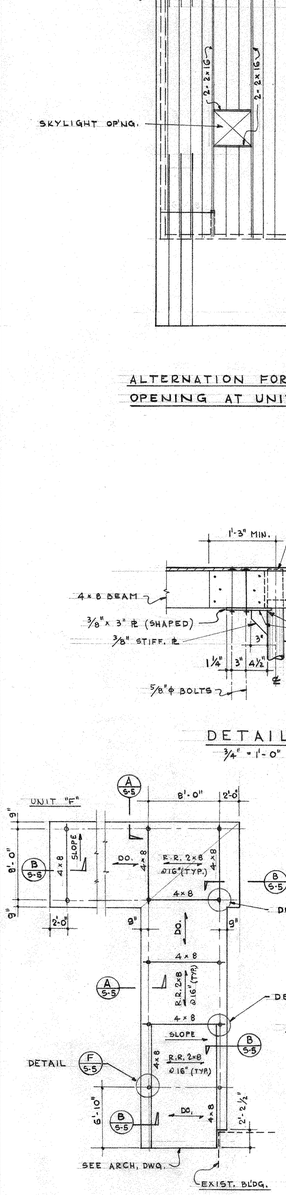


DETAIL (D 5-5)
3/4" = 1'-0"

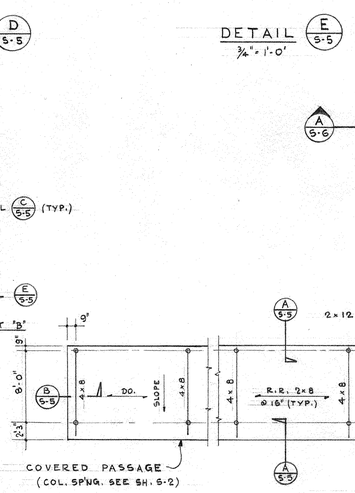
DETAIL (E 5-5)
3/4" = 1'-0"



TYP. CLIP-L FOR SUPPORT OF HEATING EQUIPMENT
(FOR ALL BUILDINGS)



COVERED PASSAGE BETWEEN UNIT "F" & EXIST. CLASSROOM
(COL. SP'NG. SEE SH. S-3)

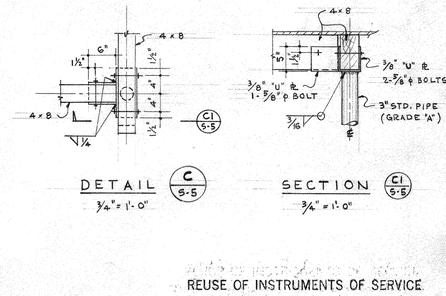


ADMINISTRATION - UNIT "A"

KINDERGARTEN - UNIT "E"

ROOF FRAMING PLANS

1/8" = 1'-0"



DETAIL (C 5-5)
3/4" = 1'-0"

SECTION (C1 5-5)
3/4" = 1'-0"

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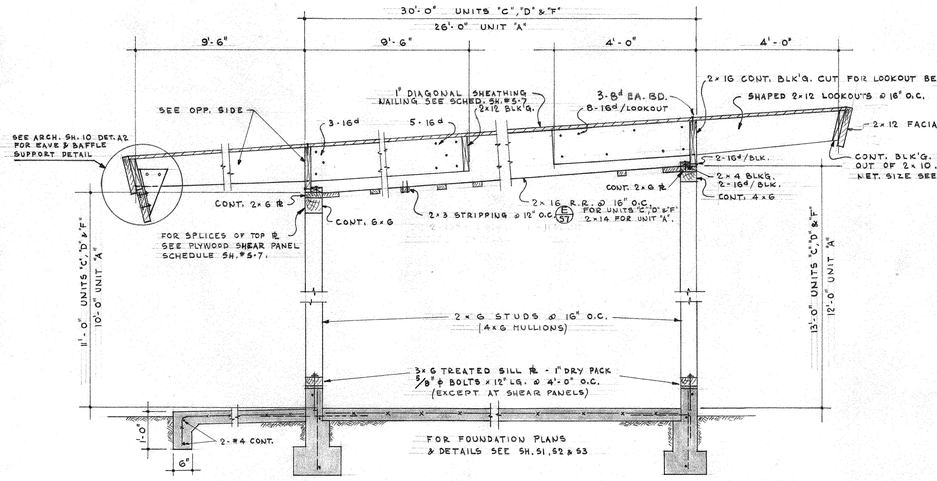
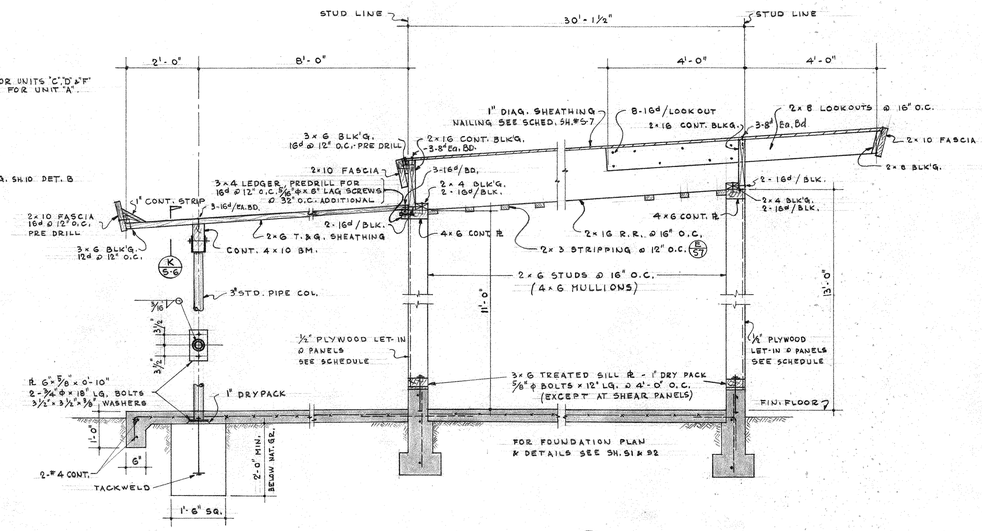
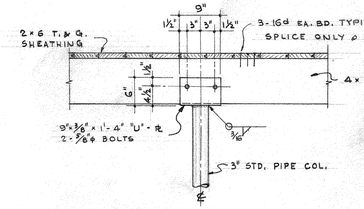


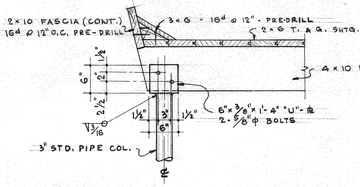
SECTION (A/S-6)
1/2" = 1'-0"



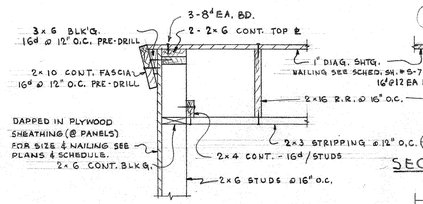
SECTION (B/S-6)
1/2" = 1'-0"



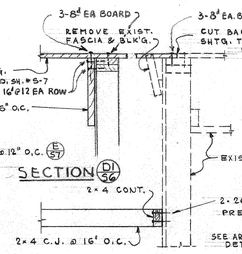
SECTION (K/S-6)



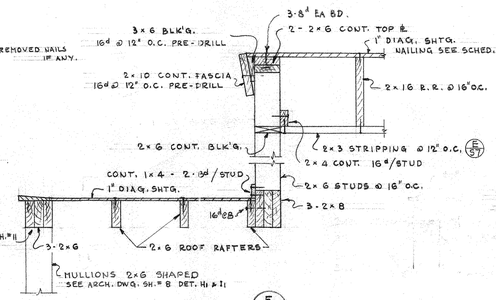
SECTION (J/S-6)



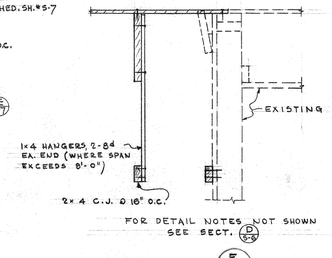
SECTION (C/S-6)



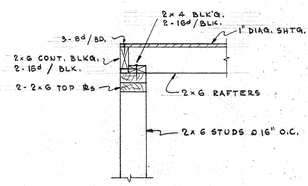
SECTION (D/S-6)



SECTION (E/S-6)



SECTION (F/S-6)



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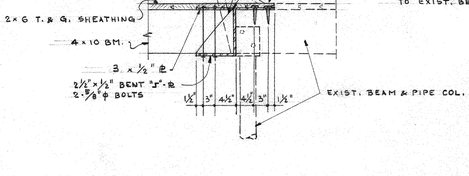
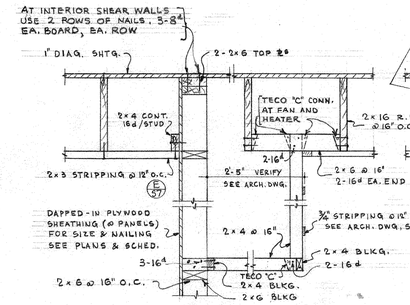
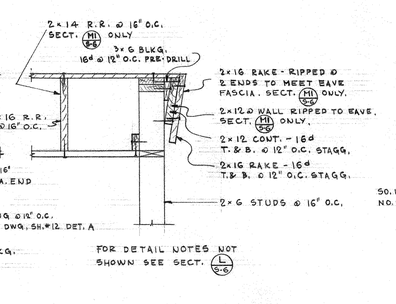


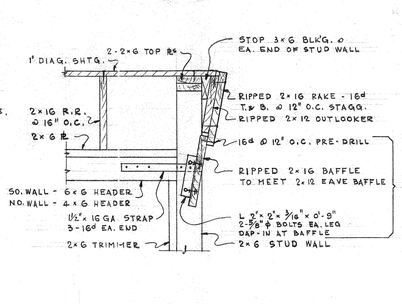
SECTION (H/S-6)



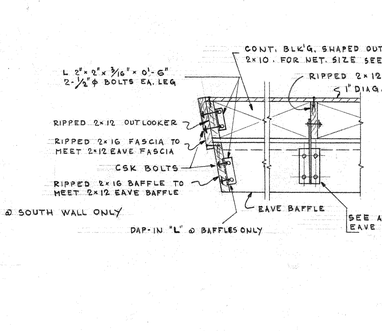
SECTION (L/S-6)



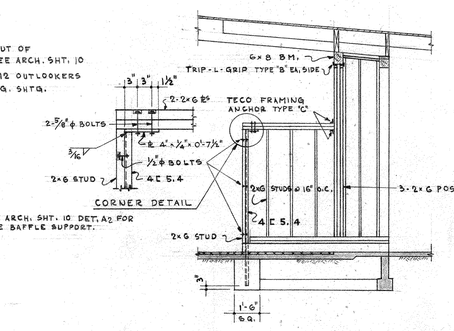
SECTION (M/S-6) (M1/S-6)



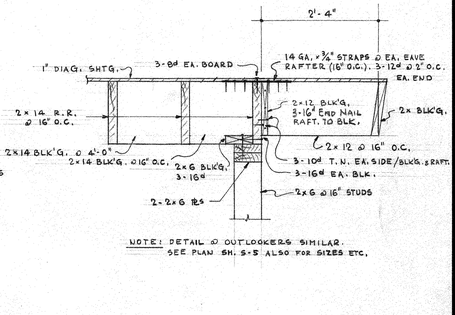
SECTION (N/S-6)



SECTION (P/S-6)



SECTION (Q/S-6)
1/4" = 1'-0"



SECTION (R/S-6)

SECTIONS FOR UNITS "A","B","C","D","E" & "F"

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

REUSE OF INSTRUMENTS OF SERVICE

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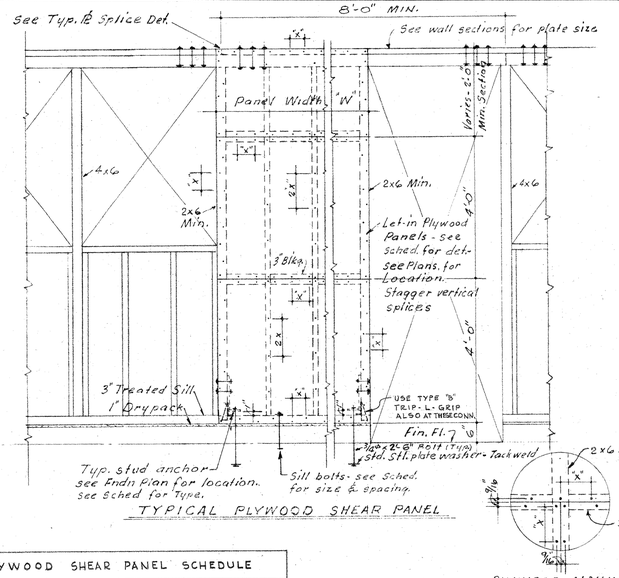
LEE B. KLINE ARCHITECT A.I.A. 1741 SILVERLAKE BOULEVARD LOS ANGELES 26 NORMANDY 5-5166	BRANDOW & JOHNSTON STRUCTURAL ENGINEERS 2430 WEST THIRD ST. DUNKIRK 5-2895 LOS ANGELES 57, CALIFORNIA	ROGER G. OJEDA CONSULTING ENGINEER LOS ANGELES CALIFORNIA	ADDITIONS TO THE SUN GARDEN VILLAGE SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT 13451 SOUTH NEWLAND STREET WESTMINSTER, CALIFORNIA	APPROVED: ARCHITECT ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE APPL. NO. 14118 MAR 7 - 1956 DATE PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT Byram L. Bates	DATE OF DRAWING 3-6-56 DRAWN BY BS DRAWING NO. S6 OF 7 SHTS.

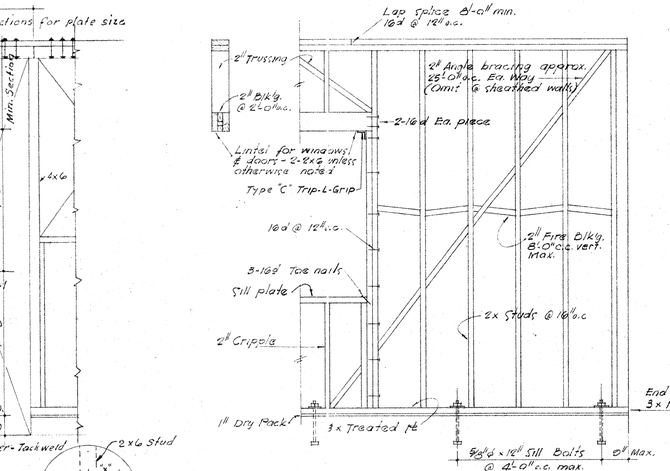


TYPICAL PLYWOOD SHEAR PANEL

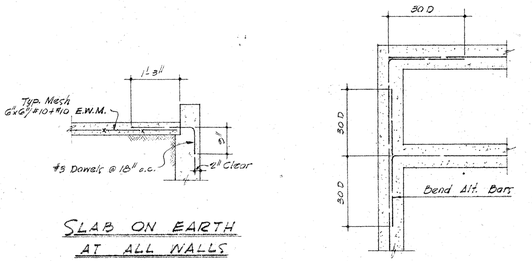
PLYWOOD SHEAR PANEL SCHEDULE							
MARK	BLDG.	PLYWOOD THICKNESS	NAIL SIZE & SPCG. "N"	APPROX. PANEL WIDTH "W"	SILL BOLTS	ANCHOR TYPE	TOP & SPLICE
SP-1	A	1/2"	10d @ 3"	10'	4-5/8"ø	B	B
SP-2	A	1/2"	10d @ 3"	4'	2-5/8"ø	B	B
SP-3	A	1/2"	10d @ 3"	8'	4-5/8"ø	A	B
SP-4	A	1/2"	10d @ 3"	8'	3-5/8"ø	A	B
SP-1	B	1/2"	10d @ 3"	8'	4-5/8"	A	B
SP-2	B	1/2"	10d @ 3"	12'	4-5/8"	B	B
SP-3	B	1/2"	10d @ 3"	12'	5-5/8"	A	B
SP-4	B	1/2"	10d @ 3"	4'	2-5/8"	A	B
SP-5	B	1/2"	10d @ 3"	4'	2-5/8"	B	B
SP-6	B	1/2"	10d @ 3"	7'	3-5/8"	B	B
SP-7	B	1/2"	10d @ 3"	12'	5-5/8"ø	B	C & B
SP-8	B	1/2"	10d @ 3"	10'	4-5/8"ø	B	C & B
SP-9	B	1/2"	10d @ 3"	10'	4-5/8"ø	A	B
SP-1	C, D & F	1/2"	10d @ 3"	10'	3-5/8"ø	A	A
SP-2	C, D & F	1/2"	10d @ 3"	20'	7-5/8"ø	A	A
SP-3	C, D & F	1/2"	10d @ 3"	20'	8-5/8"ø	A	A
SP-4	C, D & F	1/2"	10d @ 3"	10'	4-5/8"ø	B	A
SP-5	C, D & F	1/2"	10d @ 3"	4'	2-5/8"ø	B	B
SP-6	C, D & F	1/2"	10d @ 3"	8'	3-5/8"ø	A	B
SP-7	C, D & F	1/2"	10d @ 3"	5'	3-5/8"ø	B	B
SP-8	C, D & F	1/2"	10d @ 3"	8'	4-5/8"ø	A	B
SP-1	E	1/2"	10d @ 3"	12'	5-5/8"ø	B	A
SP-2	E	1/2"	10d @ 3"	10'	4-5/8"ø	B	B
SP-3	E	1/2"	10d @ 3"	5'	3-5/8"ø	B	A

PLYWOOD NOTES

1. Plywd. to be fastened at all edges of individual pieces per schedule.
2. Plywd. to be fastened at all intermediate studs & blockings with scheduled nailing of twice the scheduled nailing-t'ec. max.
3. All splices to be made on 3" nominal studs or blockings.
4. Individual pieces of Plywd. shall not be less than 2'0" in least Min. Dimension nor less than 8 sq.ft. in area.
5. All Plywd. shall be grade marked thus: DFPA Exterior Grade.
6. Pre-bore holes for nails where member tends to split.

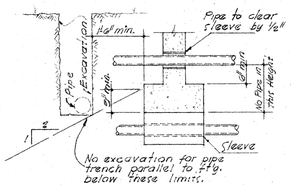


TYPICAL STUD WALL



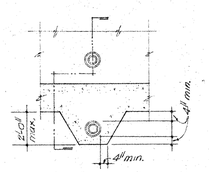
SLAB ON EARTH AT ALL WALLS

REINF. @ INTERSECTION & CORNER OF WALLS



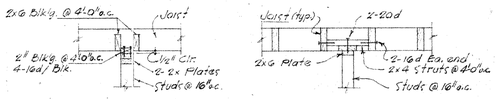
No excavation for pipe trench parallel to ftg. below these limits.

NOTE: Step footings as required by these conditions.



Conc. fill to be made before ftg. is poured. Make same width of ftg. & full width of trench.

DETAILS OF PIPE AT CONCRETE FOOTINGS (E S-7)



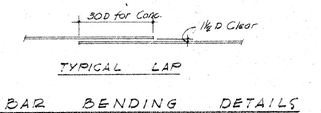
PERPENDICULAR TO JST. PARALLEL TO JOIST

ANCHORAGE OF NON-BEARING PARTITIONS

STUD WALL INTERSECTIONS

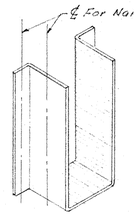
TYPICAL (A S-7) NON-BEARING PARTITION

TYPICAL HOOK TYPICAL 90° BEND



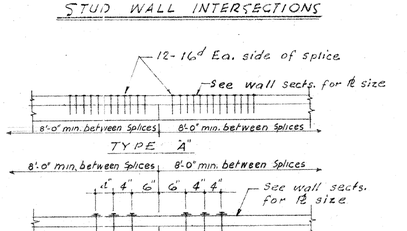
TYPICAL LAP

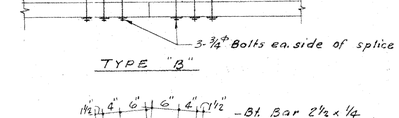
BAR BENDING DETAILS



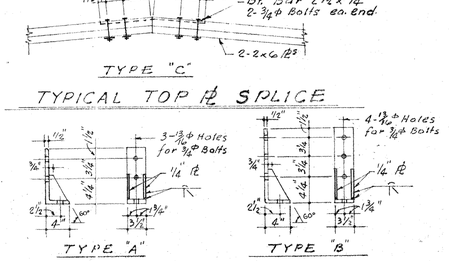
Use size of hanger prescribed by Timber Engr. Co. of Calif. for joist supported.

UNIVERSAL JOIST HANGER (C S-7)

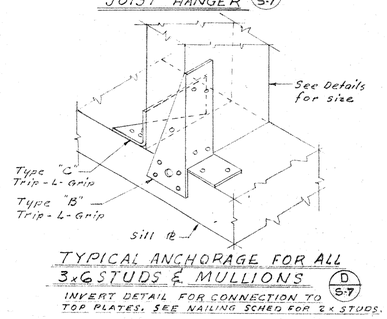




TYPICAL TOP ℄ SPLICE

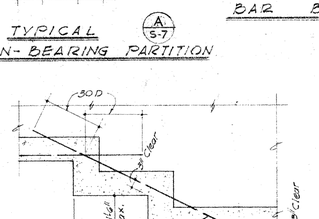


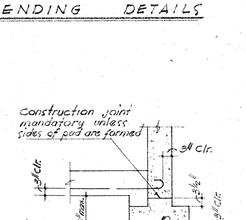
TYPICAL STUD ANCHORS



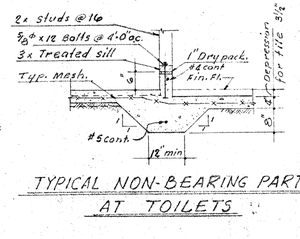
TYPICAL ANCHORAGE FOR ALL 3x6 STUDS & MULLIONS (D S-7)

INVERT DETAIL FOR CONNECTION TO TOP PLATES. SEE NAILING SCHED FOR 2 x STUDS.

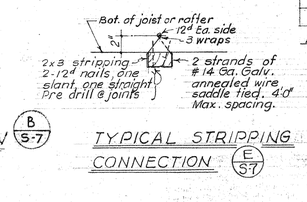




TYPICAL CONCRETE FOOTING DETAILS



TYPICAL NON-BEARING PARTITION AT TOILETS (B S-7)



TYPICAL STRIPPING CONNECTION (E S-7)

GENERAL NOTES

1. The contractor shall verify all dimensions at the site.
2. Notes and details on drawing shall take precedence over these general notes.
3. The typical details shown on this sheet shall apply in all cases unless specifically shown otherwise. Where no detail is shown construction shall be as shown for similar work.
4. Footings for unit "B" at least 24" below natural grade. (except unit "B")
5. All footings to rest on firm undisturbed earth at least 18" below natural grade.
6. Lower footings as necessary to prevent undermining by pipe excavations.
7. Location of construction joints must be approved by the Architect or Engineer.
8. Refer to Architectural details for location of all moulds, ornaments, grooves, clips and grounds.
9. Maximum design soil pressure = 1200 P.S.F. Soil is alluvial.

REINFORCING STEEL

1. Reinforcing steel shall be intermediate grade deformed bars and shall conform to A.S.T.M. A-15 & A-305.
2. Reinforcing marked "continuous" may be spliced with a lap of 30 bar diameters.
3. Reinforcing shall have a minimum cover, or follows: slabs on fill - 2"; foundation walls - 2"; footings - 3".
4. All reinforcing steel, dowels, anchor bolts, and other inserts shall be well secured in position prior to pouring concrete.

CONCRETE

1. All concrete shall have a minimum compressive strength of 2000 p.s.i. at 28 day test.
2. No pipes or ducts shall be placed in walls or slabs unless specifically detailed.

STRUCTURAL STEEL

1. Structural steel shall conform to A.S.T.M. specification "A-7-52.
2. Steel Pipe shall conform to A.S.T.M. Spec." A 53-52, Arcade downspout Cols. = Grade "B". All others Grade "A"
3. All welding shall be done by shielded arc method by qualified welders. All welds shall be inspected by an approved laboratory which shall certify the adequacy of the welds. Steel girders shall be shop fabricated by a licensed fabricator.

WOOD

1. All lumber to be 1450 f unless otherwise noted.
2. Bolt holes in wood shall be the same size as the nominal bolt size. Holes in steel bolting to wood shall be 1/32" oversize.
3. Washers, as indicated in the schedule shall be used under all bolt heads and nuts bearing on wood.
4. All sheathing shall be 1x8 diagonal plain edges.
   Splices for diagonal sheathing -
   Walls only: There shall be at least two boards intervening between joints in all diagonal sheathing over same bearing. There shall be at least two bearing spaces between joints in adjacent boards.
   Roof only: One board between joints over same bearing & two bearing spaces between joints in adjacent boards.
5. All sills resting on concrete shall be pressure treated and shall be anchored to concrete with bolts as indicated. Bolts 6" from wall and end of every sill, including sills cut for plumbing, plates or sills resting on concrete shall be leveled and carry packed with grout 1" thick.
6. Plywood used for structural purposes shall conform to Exterior Grade of U.S. Commercial Stds. CS 45-40.
7. Nailing schedule - All nails shall be common wire nails. Use the following schedule except where otherwise noted:

a. Joists or rafters to sides at studs - all or less	3 - 16d
for each additional 2" in depth	1 - 16d
b. Joists or rafters to all bearing: Toe nail each side	2 - 10d
c. Studs to bearing: Toe nail ea. side	2 - 10d
Studs over 10'-0" long	3 - 10d
d. Blocking between joists or rafters:	
To ea. jst. or rafter toe nail ea. side, ea. end	2 - 10d
e. Blocking to jst. or rafter bearing: Toe nail ea. side	2 - 10d
f. Diagonal sheathing: 1 x 6	2 - 8d ea. bearing
g. Cross bridging between joists or rafters:	3 - 8d ea. end
2x3 bridging, toe nail each end	2 - 8d
h. Solid blocking between studs, ea. end	2 - 16d
i. Ribbons to studs: 1" ribbon	2 - 8d
2" ribbon	2 - 16d
J. Double top plates: Lower plate to top of studs	2 - 20d
Upper plate to lower plate (staggered)	16d @ 16" o.c.
k. Multiple studs - stagger for widths over 4"	16d @ 12" o.c.
l. Multiple or Built-up Beams 10" or less in depth	16d @ 12" o.c. staggered
m. Multiple or Built-up Beams over 10" deep	1/2" Bolts @ 24" o.c. Staggd.

8. Cutting of wood joists shall be limited to cut and bored holes not deeper than one-fifth the joist depth, from the top, & located not further from the end than three times the joist depth.

WASHER SCHEDULE			
BOLT SIZE	STEEL PLATE Square	WASHER Round	MALLEABLE IRON Round
1/2" ø	2½" x 2½" x 1/4"	2½" x 1/4"	2½" x 1/4"
5/8" ø	2½" x 2½" x 1/4"	2 3/4" x 1/4"	2 3/4" x 5/16"
3/4" ø	2 3/4" x 2 3/4" x 5/16"	3" x 5/16"	3" x 3/8"
7/8" ø	3 1/4" x 3 1/4" x 3/8"	3½" x 3/8"	3½" x 7/16"
1" ø	3 3/4" x 3 3/4" x 3/8"	4" x 7/16"	4" x 1/2"

Note: One of these washers shall be under heads and nuts of all bolts and lag screws bearing on wood. No indentations on surface bearing on wood unless specifically detailed.

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BRANDOW AND JOHNSTON
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LOS ANGELES 57, CALIFORNIA

ROGER G. OJEDA
CONSULTING ENGINEER
LOS ANGELES CALIFORNIA

ADDITIONS TO THE SUN GARDEN VILLAGE SCHOOL FOR THE
WESTMINSTER SCHOOL DISTRICT
13451 SOUTH NEWLAND STREET WESTMINSTER, CALIFORNIA

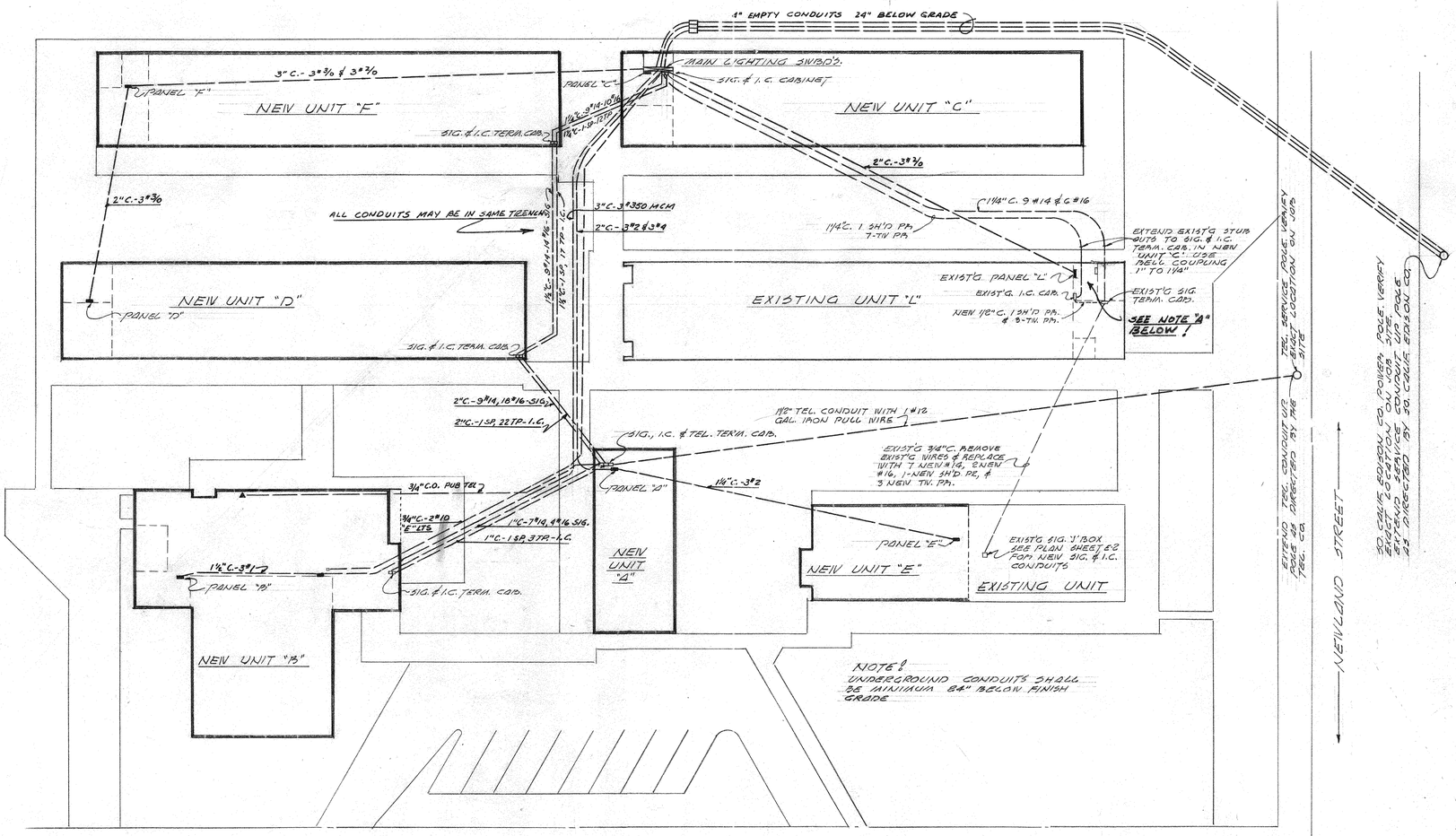
APPROVED: Lee B. Kline
ARCHITECT
Ray S. Johnston
ENGINEER

APPROVED: 14118
APPL. NO.
MAR 7 - 1956
DATE
STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WKS.
DIVISION OF ARCHITECTURE
E. Mangsen
PRINCIPAL STRUCTURAL ENGINEER

APPROVED: FOR THE DISTRICT
Elda Pilegge
Byram L. Bates

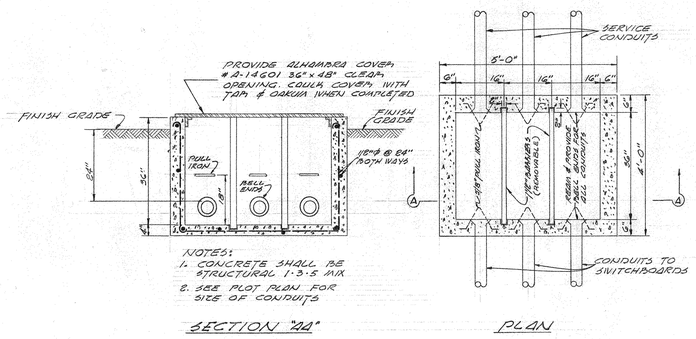
DATE OF DRAWING 3-6-56
DRAWN BY KS
DRAWING NO. S7
OF 7 SHTS.

405



PLOT PLAN

SCALE 1" = 20'-0"



CONCRETE PULL BOX DETAIL

GENERAL NOTES

A. AT EXISTING UNIT "L" CONNECT FEEDERS TO EXISTING KINDERGARTEN TO EXISTING PANEL "L"

B. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECT NUMBER OF CLOCK, SIGNAL, FIRE ALARM AND TELEPHONE WIRES TO SUIT THE SYSTEM INSTALLED

C. VERIFY EXACT LOCATION OF ALL ELECTRICAL OUTLETS, PANELS AND EQUIPMENT ON JOB SITE.

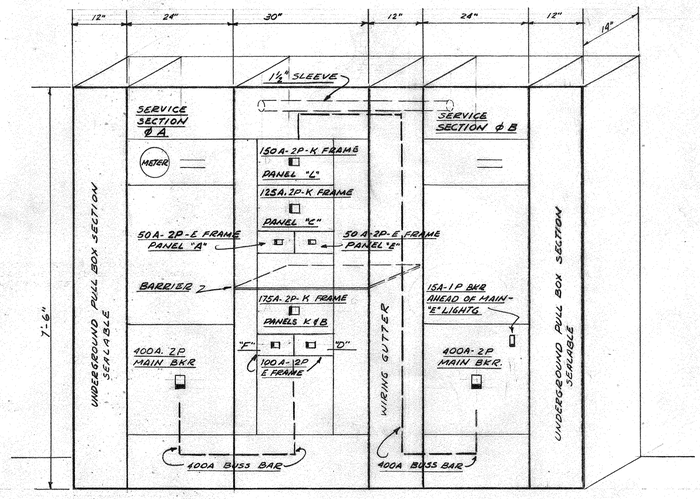
D. VERIFY EXACT LOCATION OF ALL HEATING & VENTILATING EQUIPMENT TO BE CONNECTED BY THIS CONTRACTOR ON JOB SITE

E. CONNECT ALL MOTORS AND STARTERS. ALL 120V. EQUIPMENT BEYOND EX.O SWITCH IS BY H.&V. CONTRACTOR. WIRING, CONDUIT AND LABOR BY ELECTRICAL CONTRACTOR.

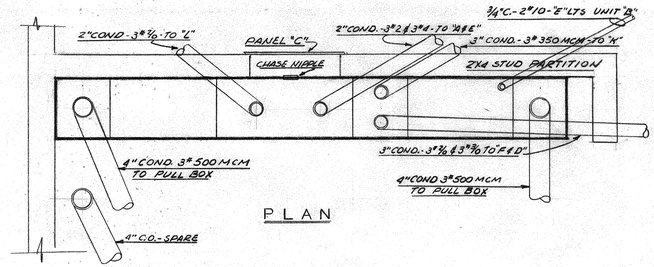
F. ELECTRICIAN SHALL MAKE ALL LINE VOLTAGE CONNECTIONS AND BE GUIDED BY DIAGRAMS SHOWN ON HEATING & VENTILATING DRAWINGS OR SUPPLIED BY THE H&V CONTRACTOR.

G. ALL BRANCH CIRCUITS TO BE SWITCHED AT PANEL UNLESS OTHERWISE SHOWN.

H. NO BRANCH CIRCUIT WIRING SHALL BE SMALLER THAN #12 AWG.



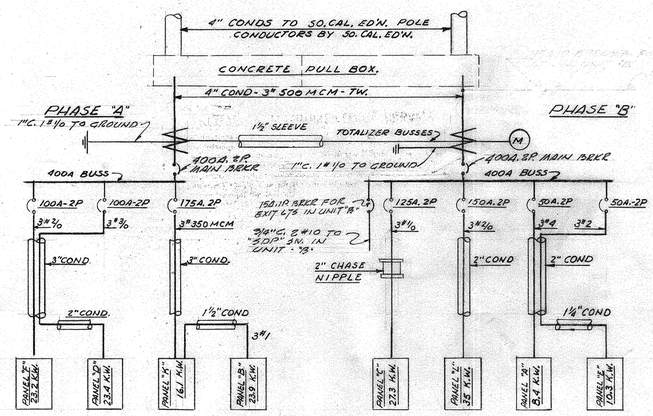
FRONT ELEVATION



PLAN

MAIN SWITCHBOARD

SCALE-¾"-1'-0"



ONE LINE DISTRIBUTION DIAGRAM

REUSE OF INSTRUMENTS OF SERVICE

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LEE B. KLINE ARCHITECT A.I.A.
1741 SILVERLAKE BOULEVARD LOS ANGELES 26 NORMANDY 5-5166

BRANDOW & JOHNSTON
STRUCTURAL ENGINEERS
2430 WEST THIRD ST. DUNKIRK 5-2895
LOS ANGELES 57, CALIFORNIA

EDWARD C. SYLVANUS
ELECTRICAL ENGINEER
1727 SILVERLAKE NO 1-4288
LOS ANGELES 26, CALIFORNIA

ADDITIONS TO THE SUN GARDEN VILLAGE SCHOOL FOR THE
WESTMINSTER SCHOOL DISTRICT
13451 SOUTH NEWLAND STREET WESTMINSTER, CALIFORNIA

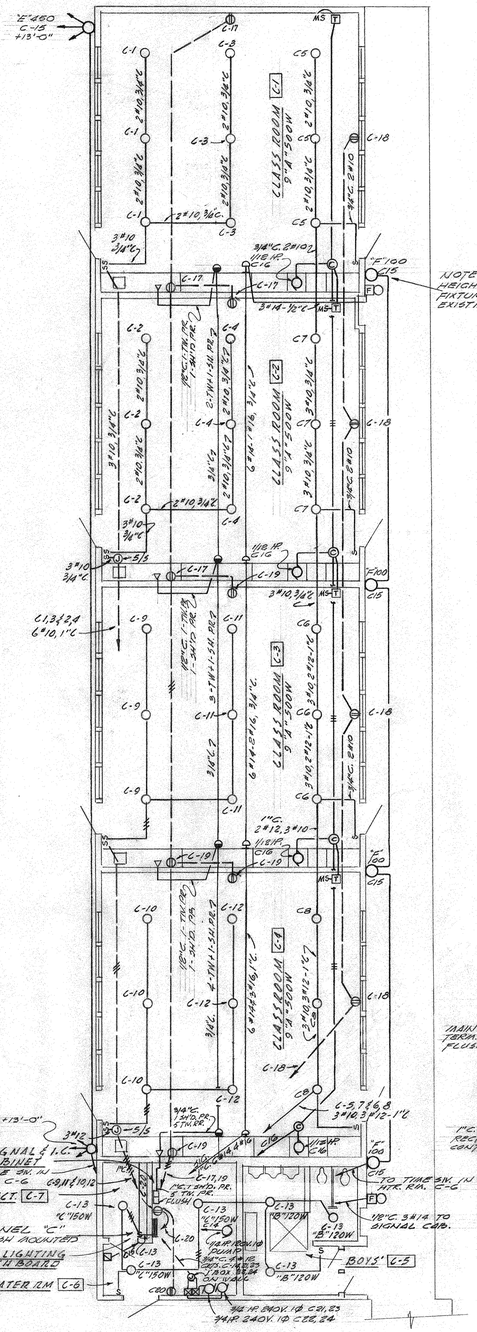
APPROVED: Lee B. Kline
ARCHITECT
Edw. C. Sylvanus
ENGINEER

APPROVED: 14118
APPL. NO.
MAR 7 - 1955
DATE
STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
E. Mungsol
PRINCIPAL STRUCTURAL ENGINEER

APPROVED: FOR THE DISTRICT
Ada Clegg
Byram L. Bates

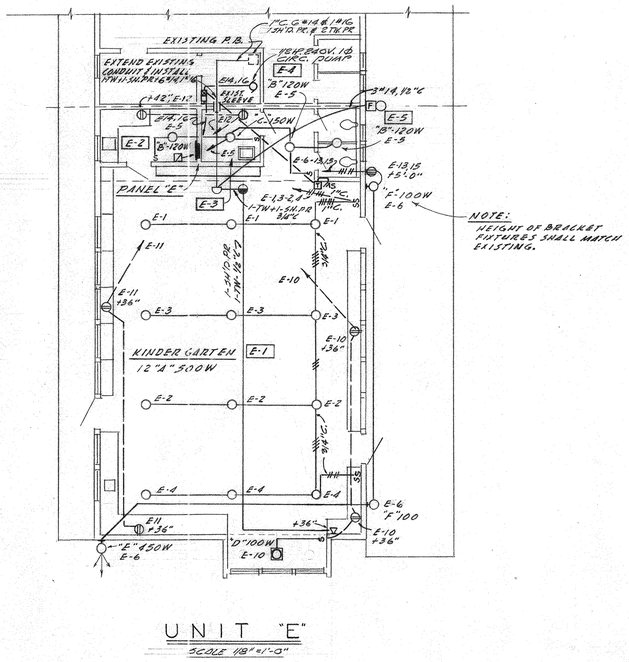
DATE OF DRAWING 5-6-55
DRAWN BY

DRAWING NO. E-1
OF 4 SHEETS



UNIT "C"

SCALE 1/8"=1'-0"



UNIT "E"

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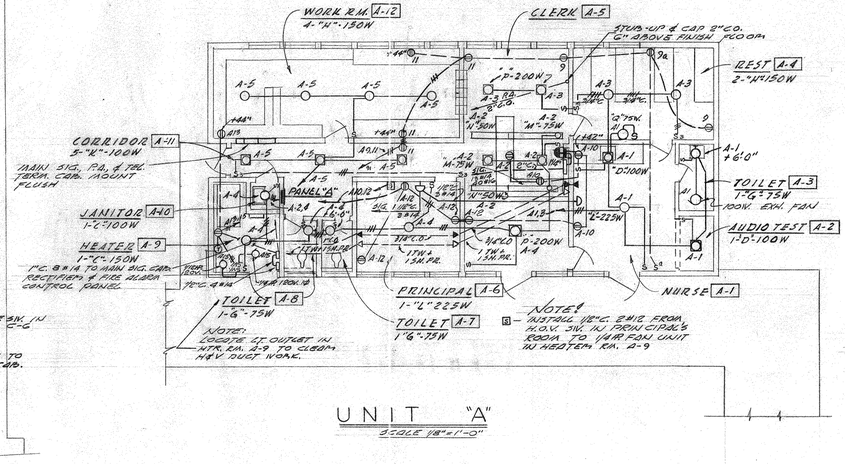

UNIT "A"

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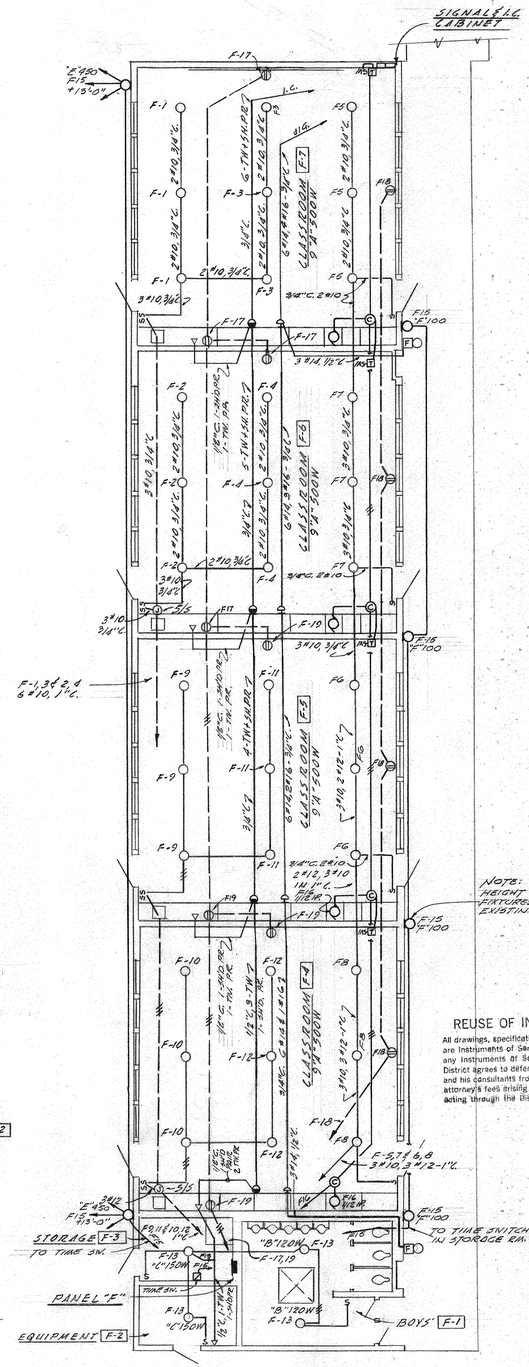

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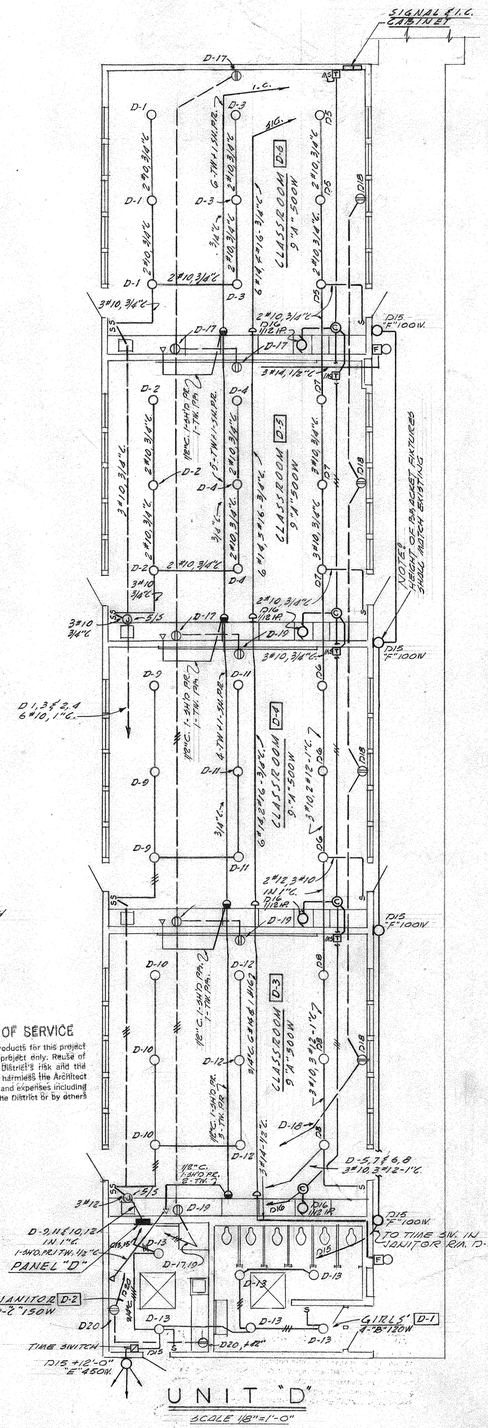

UNIT "D"

SCALE 1/8"=1'-0"

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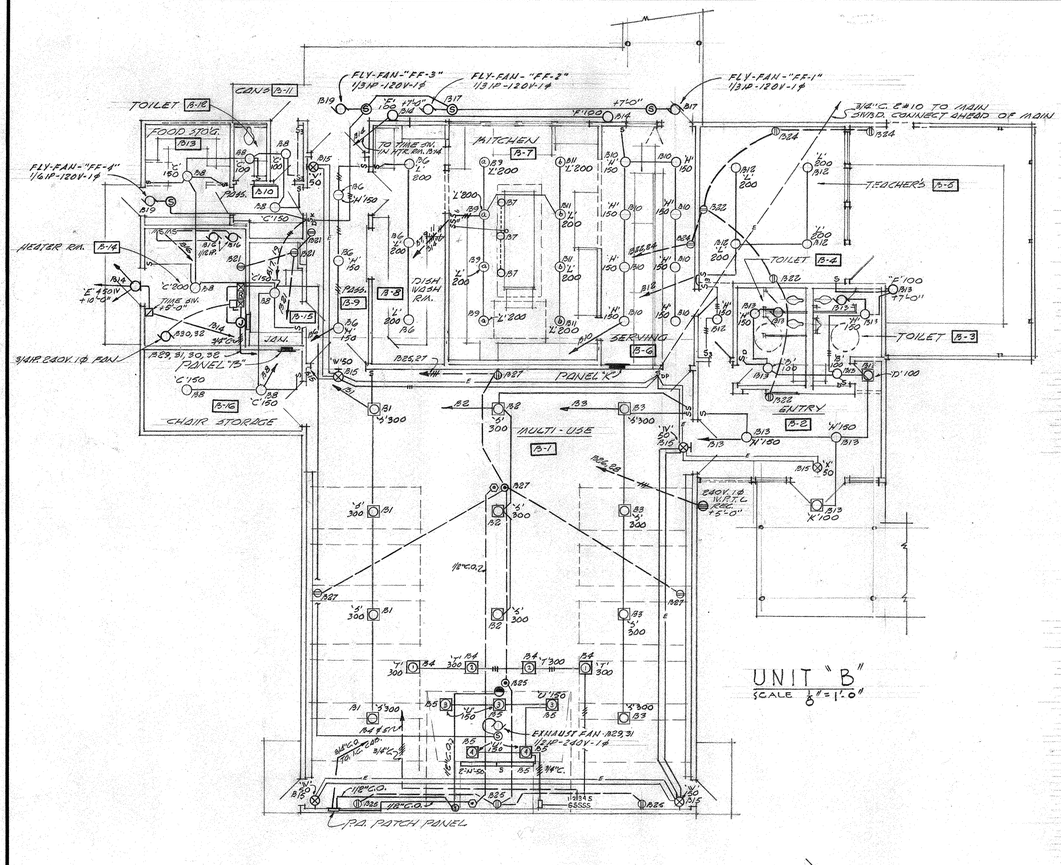
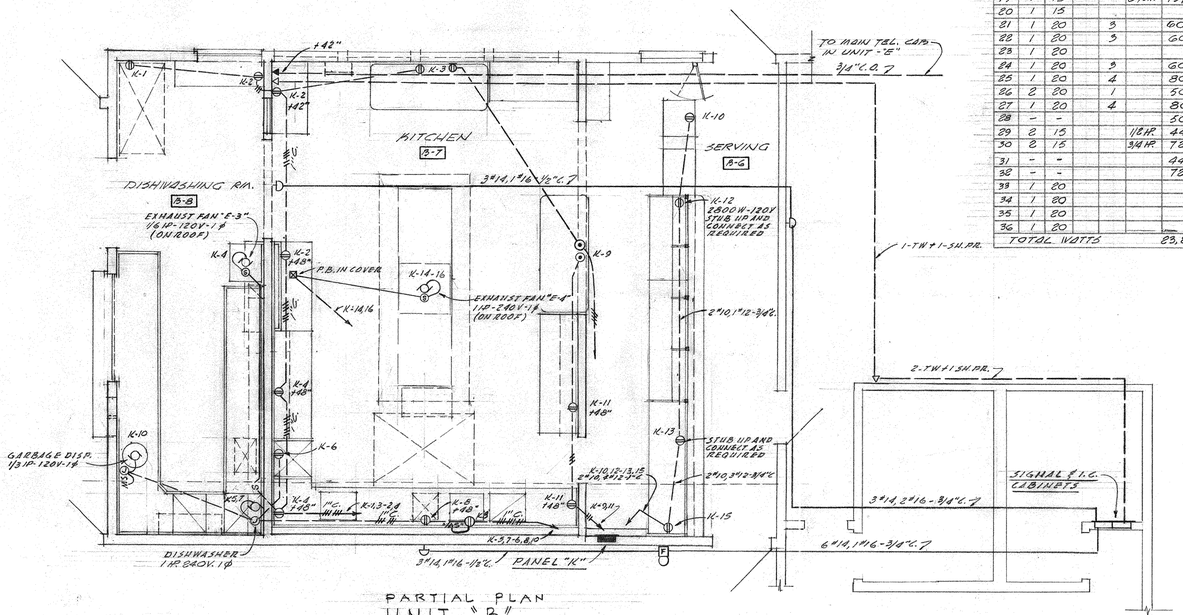
LEE B. KLINE ARCHITECT A.I.A. 1741 SILVERLAKE BOULEVARD LOS ANGELES 26 NORMANDY 5-5166	BRANDOW & JOHNSTON STRUCTURAL ENGINEERS 2430 WEST THIRD ST. DUNKIRK 5-2895 LOS ANGELES 57, CALIFORNIA	EDWARD C. SYLVANUS ELECTRICAL ENGINEER 1727 SILVERLAKE NO 1-4288 LOS ANGELES 26, CALIFORNIA	ADDITIONS TO THE SUN GARDEN VILLAGE SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT 13451 SOUTH NEWLAND STREET WESTMINSTER, CALIFORNIA	APPROVED: ARCHITECT / ENGINEER	APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE 14118 APPL. NO. MAR 7 - 1956 DATE PRINCIPAL STRUCTURAL ENGINEER	APPROVED: FOR THE DISTRICT	DATE OF DRAWING 3-6-56 DRAWN BY	DRAWING NO. E-2 OF 4 SHEETS



UNIT "B"
SCALE 1/8"=1'-0"



PARTIAL PLAN
UNIT "B"
SCALE 1/4" = 1'-0"

PANEL "K" SCHEDULE

CKT. NO.	BREAKER POLE	BREAKER AMP	OUTLET LTS.	OUTLET REC.	OUTLET MISC.	WATTS 120/240	DESCRIPTION
1	1	20		1		690	KITCHEN
2	1	20		3		600	KITCHEN
3	1	20		1		690	KITCHEN
4	1	20		2	1/6 HP	1000	DISHWASH EXHAUST FAN
5	2	20			1 HP.	780	DISHWASHER
6	1	20		1		690	KITCHEN
7	-	-				780	E-POLES WITH CKT. #5
8	1	20		2		1380	PEELER & GARB. DISPOSAL
9	1	20		1		690	KITCHEN
10	1	20		1	1/3 HP	1190	KITCHEN & DISHWASH RM.
11	1	20		2		600	KITCHEN
12	1	30		1		2800	COUNTER
13	1	20		1		690	KITCHEN
14	2	20			1 HP.	780	KITCHEN EXHAUST FAN
15	1	20		1		690	KITCHEN
16	-	-				780	E-POLES WITH CKT. #14
17	2	20		1		1000	240V. REC. - REFRIG.
18	2	20		1		1000	240V. REC. - REFRIG.
19	-	-					E-POLES WITH CKT. #17
20	-	-					E-POLES WITH CKT. #18
21	1	20					SPARE
22	1	20					"
23	1	20					"
24	1	20					"
TOTAL WATTS						16,830	

PANEL "B" SCHEDULE

CKT. NO.	BREAKER POLE	BREAKER AMP	OUTLET LTS.	OUTLET REC.	OUTLET MISC.	WATTS 120/240	DESCRIPTION
1	1	15	4			1800	MULTI-USE
2	1	15	3			900	MULTI-USE
3	1	15	4			1800	MULTI-USE
4	1	15	4			1800	MULTI-USE
5	1	15	6			850	MULTI-USE
6	1	15	6			1050	DISHWASH & CORRIDOR
7	1	15	3			300	RANGE-HOOD
8	1	15	8			1050	RMS. B10, B11, B12, B13, B14, B15, B16
9	1	15	4			900	KITCHEN
10	1	15	8			1800	SERVING
11	1	15	4			900	KITCHEN
12	1	15	5			1000	TEACHERS DINING
13	1	15	10			1800	ROOMS B-3, B-4, B-7
14	1	15	3			650	YARD LIGHTS
15	1	15	6			300	EXIT LIGHTS
16	1	15			1/6 HP.	500	CIRC. PUMPS - HTR. RM.
17	1	15			2-1/4 HP.	1370	FLY FANS
18	1	15					SPARE
19	1	15			2-1/4 HP.	1370	FLY FANS
20	1	15					SPARE
21	1	20	3			600	RMS. B9, B-14, B-15
22	1	20	3			600	RMS. B5 & B-17
23	1	20					SPARE
24	1	20	3			600	RM. B-5
25	1	20	4			800	MULTI-USE
26	2	20	1			500	240V. W.P.T.L. REC. OUTSIDE
27	1	20	4			800	MULTI-USE
28	-	-				300	E-POLES WITH CKT. # 26
29	2	15			1/6 HP.	445	EXH. FAN - MULTI-USE
30	2	15			3/4 HP.	720	FAN - MULTI-USE
31	-	-				445	2-POLES WITH CKT. #29
32	-	-				720	2-POLES WITH CKT. #30
33	1	20					SPARE
34	1	20					SPARE
35	1	20					SPARE
36	1	20					SPARE
TOTAL WATTS						22,890	

PANEL "C" SCHEDULE

CKT. NO.	BREAKER POLE	BREAKER AMP	OUTLET LTS.	OUTLET REC.	OUTLET MISC.	WATTS 120/240	DESCRIPTION
1	1	15	3			1500	ROOM C-1
2	1	15	3			1500	" C-2
3	1	15	3			1500	" C-1
4	1	15	3			1500	" C-2
5	1	15	3			1500	" C-1
6	1	15	3			1500	" C-3
7	1	15	3			1500	" C-2
8	1	15	3			1500	" C-4
9	1	15	3			1500	" C-3
10	1	15	3			1500	" C-4
11	1	15	3			1500	" C-3
12	1	15	3			1500	" C-4
13	1	15	6			810	" C-5, 6, 7
14	1	15			1/4 HP.	550	" C-6 PUMP
15	1	15	6			1300	YARD & WALK LIGHTS
16	1	15			1-1/2 HP.	1000	HEATING UNITS - C1, 2, 3, 4
17	1	20		4		800	ROOMS C1-C2
18	1	20		4		800	" C1, C2, C3, C4
19	1	20		4		800	" C3, C4
20	1	20		2		800	" C6
21	2	15			3/4 HP.	G15	" C6 - CIRC. PUMPS
22	2	15			3/4 HP.	G15	" C6 - CIRC. PUMPS
23	-	-				G15	E-POLES WITH CKT # 21
24	-	-				G15	E-POLES WITH CKT # 22
25	1	20					SPARE
26	1	20					SPARE
27	1	20					SPARE
28	1	20					SPARE
29	1	20					SPARE
30	1	20					SPARE
TOTAL WATTS						27,380	

PANEL "D" SCHEDULE

CKT. NO.	BREAKER POLE	BREAKER AMP	OUTLET LTS.	OUTLET REC.	OUTLET MISC.	WATTS 120/240	DESCRIPTION
1	1	15	3			1500	ROOM D-6
2	1	15	3			1500	" D-5
3	1	15	3			1500	" D-6
4	1	15	3			1500	" D-5
5	1	15	3			1500	" D-6
6	1	15	3			1500	" D-4
7	1	15	3			1500	" D-5
8	1	15	3			1500	" D-3
9	1	15	3			1500	" D-4
10	1	15	3			1500	" D-3
11	1	15	3			1500	" D-4
12	1	15	3			1500	" D-3
13	1	15	6			780	" D-1, 2
14	1	20					SPARE
15	1	15	5			850	YARD & WALK LIGHTS
16	1	15			4-1/6 HP.	1000	HEATING UNITS - RMS. D3, 4, 5, 6
17	1	20		4		800	ROOMS D5, 6
18	1	20		4		800	" D3, 4, 5, 6
19	1	20		4		800	" D3, 4
20	1	20		2		400	" D2
21	1	20					SPARE
22	1	20					SPARE
23	1	20					SPARE
24	1	20					SPARE
TOTAL WATTS						23,430	

PANEL "A" SCHEDULE

CKT. NO.	BREAKER POLE	BREAKER AMP	OUTLET LTS.	OUTLET REC.	OUTLET MISC.	WATTS 120/240	DESCRIPTION
1	1	15	4			500	ROOM A12, 3
2	1	15	8			850	ROOM A2
3	1	15	4			700	ROOM A4, 5
4	1	15	6			885	ROOMS A5, 6, 7, 8, 9, 10
5	1	15	7			900	ROOM A11, 12
6	1	15					SPARE
7	1	15					SPARE
8	1	15					SPARE
9	1	20		3		600	ROOM A1, 4, 5
10	1	20		4	M.C.	1000	ROOM A1, 5
11	1	20		4		800	ROOM A5, 11, 12
12	1	20		4		800	ROOM A6, 5
13	1	20		2	F.A.	850	ROOM A9, 12
14	1	20					SPARE
15	1	15			1/4 HP.	550	HEATER RM.
16	1	20					SPARE
17	1	20					SPARE
18	1	20					SPARE
19	1	20					SPARE
20	1	20					SPARE
TOTAL WATTS						8,375	

PANEL "E" SCHEDULE

CKT. NO.	BREAKER POLE	BREAKER AMP	OUTLET LTS.	OUTLET REC.	OUTLET MISC.	WATTS 120/240	DESCRIPTION
1	1	15	3			1500	ROOM E-1
2	1	15	3			1500	" "
3	1	15	3			1500	" "
4	1	15	3			1500	" "
5	1	15	4			510	" "
6	1	15	3			650	" E2, E5
7	1	20					SPARE
8	1	20					SPARE
9	1	20					SPARE
10	1	20	1	2		500	ROOM E-4
11	1	20		2		400	ROOM E-2
12	1	20		2		400	ROOM E-2, 3
13	2	20		1		500	240V. 1Φ REC.
14	2	15			1/2 HP.	445	CIRC. PUMP
15	-	-				300	E-POLES WITH CKT. #13
16	-	-				445	E-POLES WITH CKT. #14
17	1	20					SPARE
18	1	20					SPARE
TOTAL WATTS						10,350	

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ADDITIONS TO THE SUN GARDEN VILLAGE SCHOOL FOR THE
WESTMINSTER SCHOOL DISTRICT
13851 SOUTH NEWLAND STREET WESTMINSTER, CALIFORNIA

APPROVED: Lee Kline
ARCHITECT
Edw. C. Sylvanus
ENGINEER

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
14118
APPL. NO.
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PRINCIPAL STRUCTURAL ENGINEER

APPROVED: FOR THE DISTRICT
Cora Gregg
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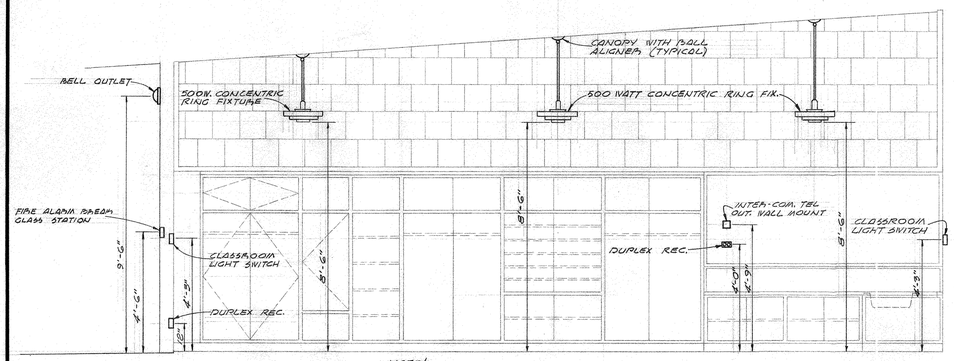
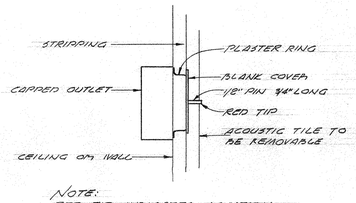
DATE OF DRAWING 3-6-56
DRAWN BY
DRAWING NO. E-3
OF 4 SHEETS



NOTE!
FOR MOUNTING HEIGHT OF P.A. OUTLET & CLOCK OUTLET, SEE ARCHITECTURAL SHEET 12.

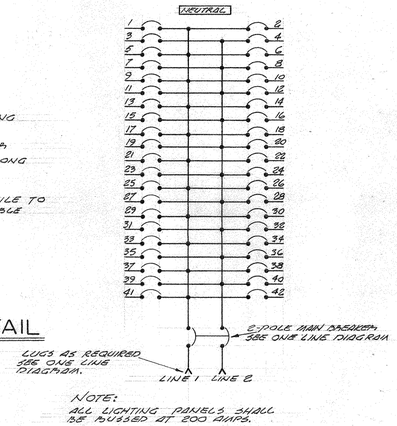
TYPICAL COMPOSITE CLASSROOM SECTION

SCALE 3/8" = 1'-0"



NOTE:
RED TIP INDICATES LOCATION OF CAPPED OUTLET

CAPPED OUTLET DETAIL

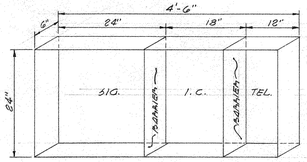


NOTE:
ALL LIGHTING PANELS SHALL BE BUSSED AT 200 AMPS.

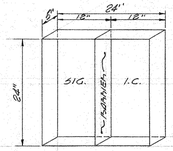
PANEL BUSSING

SYMBOLS

- CEILING LIGHT OUTLET
- WALL OR BRACKET LIGHT OUTLET
- EXIT LIGHT
- FLUORESCENT OR SLIMLINE OUTLET
- RECESSED LIGHT OUTLET - SQUARE TRIM
- RECESSED LIGHT OUTLET - ROUND TRIM
- 240V. TWISTLOCK RECEPTACLE WEATHERPROOF IF OUTSIDE
- DUPLEX RECEPTACLE
- SPECIAL OUTLET AS NOTED
- JUNCTION BOX
- FLOOR RECEPTACLE - FLUSH WITH FINISH FLOOR
- FLOOR TELEPHONE OUTLET - FLUSH WITH FINISH FLOOR
- FLOOR MICROPHONE OUTLET
- P.A. PATCH PANEL
- LOW VOLTAGE TRANSFORMER - BY OTHERS
- P.A. OUTLET ONLY - PROVIDE BLANK COVER
- BELL OUTLET
- FIRE ALARM BREAK GLASS STATION
- H.O.V. SWITCH - BY OTHERS
- THERMOSTAT - BY OTHERS +5'-0"
- TIME SWITCH WITH ASTRONOMIC DIAL
- MAG. STARTER BY OTHERS
- E.K.O SWITCH
- TUMBLER SW. IN TYPE "FS" "J" BOX FOR MOTOR DISCONNECT ON ROOF (WEATHERPROOF)
- HEATING UNIT - PROVIDE WITH 3-WIRE TWISTLOCK RECEPTACLE
- MOTOR OUTLET - SIZE AS NOTED
- INTER-COM TELEPHONE OUTLET
- TELEPHONE OUTLET
- SECONDARY CLOCK
- MASTER CLOCK
- YARD HORN
- YARD LIGHT CLUSTER
- S(MS) MOTOR SWITCH +5'
- S FLUSH SINGLE POLE SWITCH +5' UNLESS OTHERWISE NOTED
- S3 FLUSH 3-WAY SWITCH +5' UNLESS OTHERWISE NOTED
- S(DPDT) FLUSH DOUBLE POLE KEY SWITCH +5"
- S(K) FLUSH KEY SWITCH - WEATHER PROOF IF OUTSIDE
- SIGNAL & INTER-COM. TERM. CABINET
- MAIN SIGNAL, INTER-COM. & TELEPHONE TERMINAL CABINET. SEE DET. THIS SHEET
- LIGHTING PANEL - 20" WIDE MAX, 6" DEEP MAX, LENGTH AS REQUIRED
- MAIN SWITCHBOARD - SEE DETAIL SHEET E-1
- CONDUIT IN SLAB OR UNDERGROUND
- CONDUIT CONCEALED
- CROSS MARKS ON CONDUIT
- C.O. CONDUIT ONLY
- W.R.T.L. WEATHER PROOF TWISTLOCK
- 1/8" C. 2 #12 UNLESS OTHERWISE NOTED
- 3#D.PR.OR 3P. SHIELDED PAIR #18
- TW. OR TP TWISTED PAIR #18
- E EMERGENCY CONDUIT



SIG., I.C., & TEL. TERM. CABINET



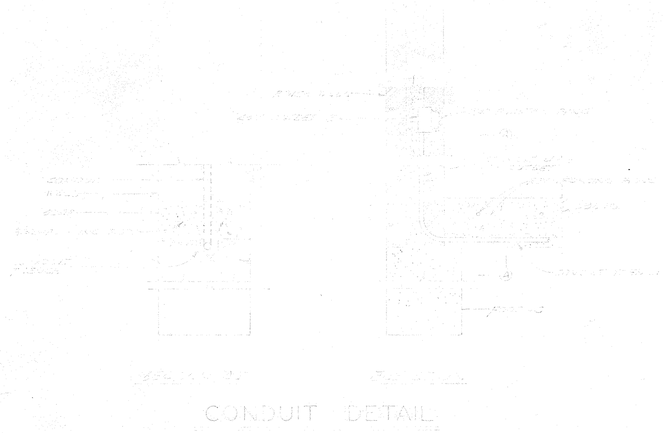
SIG. & I.C. TERM. CABS.

NOTE:
PROVIDE TERMINAL STRIPS FOR EACH CABINET
PROVIDE LOCKING HINGED DOORS FOR ALL CABINETS

TERMINAL CABINET DETAILS

FIXTURE SCHEDULE

SYMBOL	MANUFACTURER	CATALOG NO.	DESCRIPTION	WATTS	LOCATION
A	SMOOT HOLMAN	RE-5005 - WHITE	CONCENTRIC RING	500	CLASS ROOM CLG.
B	LIGHTOLIER	4316	OPAL DRUM	120	TOILETS
C	ALABAX	AL - 898	PORC. SOCKET	100	UTILITY
D	MARCO	J10 - 91 P	RECESSED - DROP LENS	100	KINDERGARTEN
E	SHALDA	206 - BC - 3	FLOOD LT. CLUSTER	450	YARD FLOODS
F	CROUSE - HINDS	VG - 1759	VAPOR PROOF BRACKET	100	COVERED WALKS
G	ALABAX	AL 2101 ND	BRACKET	75	TOILETS
H	LIGHTOLIER	4317	OPAL DRUM	150	REST ROOM
K	MARCO	J10 - 96 P	RECESSED - FLAT LENS	100	CORRIDOR
L	LIGHTOLIER	4319	OPAL DRUM	225	KITCHEN - NURSE.
M	SUNBEAM	201 - 72 SL	STRIP LT	75	OFFICE LT TROUGH
N	SUNBEAM	201 - 48SL	STRIP LT	50	OFFICE LT TROUGH
P	MARCO	J1 - 94	RECESSED - DROP LENS	200	CLERK'S OFFICE
Q	LITECRAFT	H - 637	BRACKET SWIVEL	75	REST ROOM
R	CROUSE HINDS	V&VC 1759	VAPOR PROOF	100	RANGE HOOD
S	MARCO	130 - 396 P	RECESSED	300	MULTI - USE
T	MARCO	CL - 131 - P	RECESSED	300	ANTE - PROSC.
U	MARCO	F10A - 1400A - P	RECESSED	150	MULTI - USE
V	LIGHT CONTROL CO.	LCX - 55	WALL BRACKET	50	EXIT LIGHT
W	LIGHT CONTROL CO.	LCX - 15	FLUSH	50	EXIT LIGHT
X	LIGHT CONTROL CO.	LCX - 65	SURFACE	50	EXIT LIGHT
Y					
Z					



CONDUIT DETAIL

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LEE B. KLINE ARCHITECT A.I.A.
1741 SILVERLAKE BOULEVARD LOS ANGELES 26 NORMANDY 5-5166

BRANDOW & JOHNSTON
STRUCTURAL ENGINEERS
2430 WEST THIRD ST. DUNKIRK 5-2895
LOS ANGELES 57, CALIFORNIA

EDWARD C. SYLVANUS
ELECTRICAL ENGINEER
1727 SILVERLAKE NO 1-4288
LOS ANGELES 26, CALIFORNIA

ADDITIONS TO THE SUN GARDEN VILLAGE SCHOOL FOR THE
WESTMINSTER SCHOOL DISTRICT
13451 SOUTH NEWLAND STREET WESTMINSTER, CALIFORNIA

APPROVED: Lee B. Kline
ARCHITECT
Edward C. Sylvanus
ENGINEER

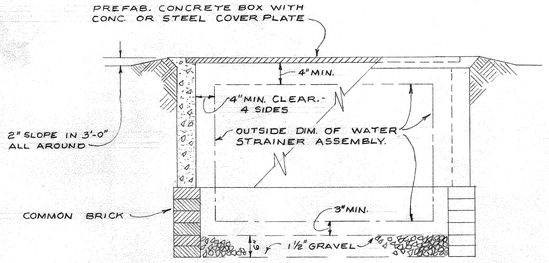
APPROVED: 14118
APPL. NO.
MAR 7 - 1956
DATE

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WKS.
DIVISION OF ARCHITECTURE
E. Mason for
PRINCIPAL STRUCTURAL ENGINEER

APPROVED: FOR THE DISTRICT
Ada Elegg
Byram L. Bates

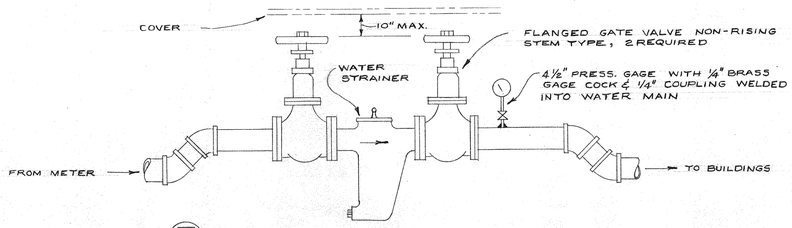
DATE OF DRAWING 3-6-56
DRAWN BY

DRAWING NO. E-4
OF 4 SHEETS



4 DETAIL- UNDERGROUND ENCLOSURE

NO SCALE

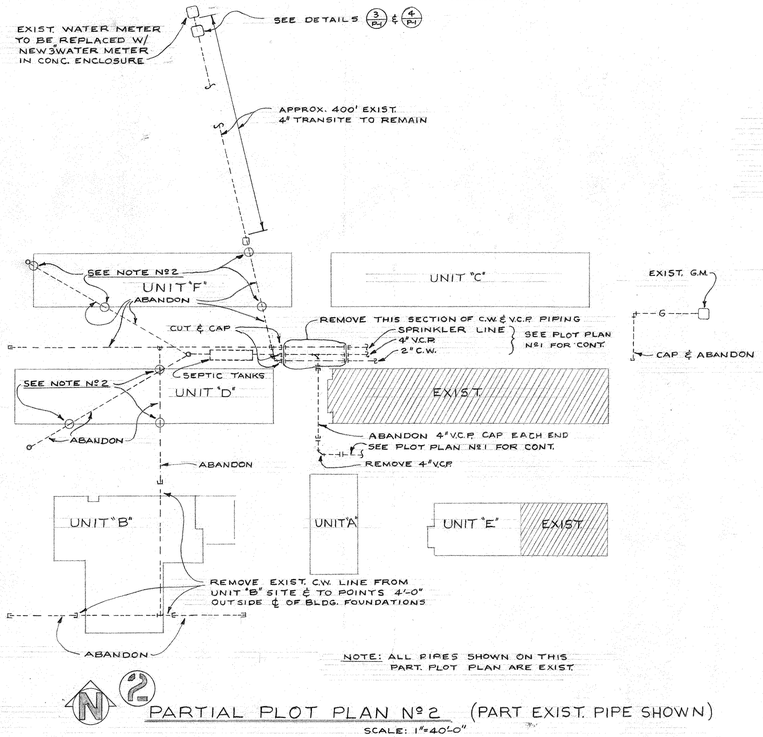


3 DETAIL- WATER STRAINER ASSEMBLY

NO SCALE

NOTES:

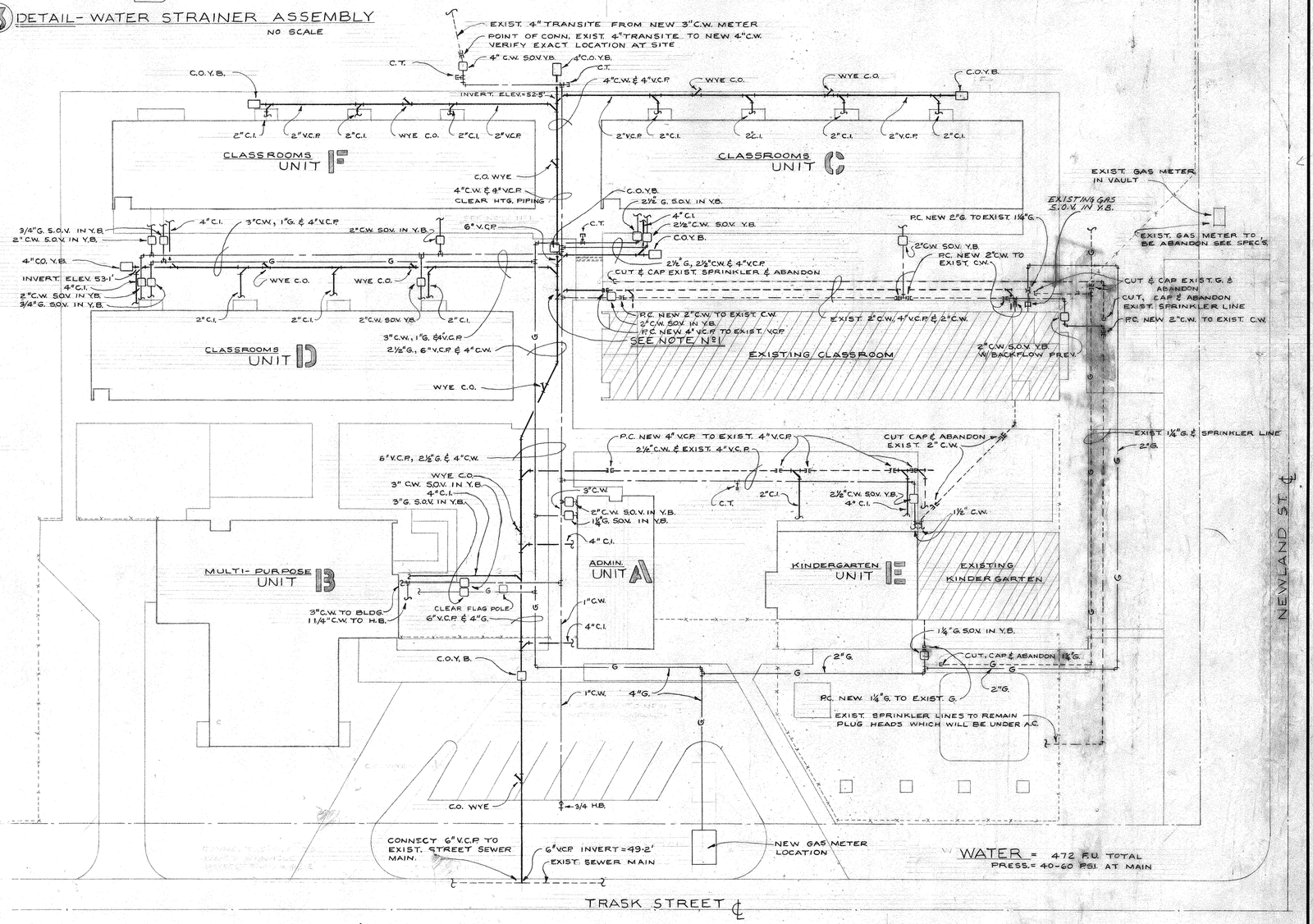
1. USE THIS POINT AS A DATUM FOR ALL SOIL PIPING. INVERT ELEVATION IS 51-7'± (SEE PLOT PLAN Nº1)
2. CUT & CAP PIPING 4'-0" EACH SIDE OF ℄ OF FOUNDATION, REMOVING SECTION OF PIPE AT FOUNDATION, BEFORE SAME IS POURED. (PLOT PLAN Nº2.)
3. ALL GAS S.O.V. SHALL BE CONSPICUOUSLY MARKED GAS.
4. PIPING SHALL BE NEW UNLESS INDICATED AS EXISTING.
5. SEPTIC TANK & LEACHING PITS SHALL BE PUMPED DRY, THEN COMPACTLY FILLED WITH GRAVEL OR CLEAN, SHARP SAND TO THE SATISFACTION OF THE ARCHITECT AND STRUCTURAL ENGINEER.
6. THE DEPTH & EXACT LOCATION OF P.C. SHALL BE VERIFIED BEFORE PIPE IS LAID.



NOTE: ALL PIPES SHOWN ON THIS PART. PLOT PLAN ARE EXIST.

N 2 PARTIAL PLOT PLAN Nº2 (PART EXIST. PIPE SHOWN)

SCALE: 1"=40'-0"



N 1 PARTIAL PLOT PLAN Nº1

SCALE: 1"=20'-0"

GAS LOAD

EXIST. HEATING	= 545 C.F.H.	
EXIST. H.W. H.T.G.	= 52 C.F.H.	
	597 C.F.H.	→ 597 C.F.H.
NEW HEATING	= 1861 C.F.H.	
NEW H.W. H.T.G.	= 261 C.F.H.	
NEW COOKING	= 365 C.F.H.	
	1987 C.F.H.	→ 1887 C.F.H.
	TOTAL =	2484 C.F.H.

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LEE B. KLINE ARCHITECT A.I.A.
1741 SILVERLAKE BOULEVARD LOS ANGELES 26 NORMANDY 5-5166

JOSEPH E. KISKIS
MECHANICAL ENGINEER
542 S. BROADWAY MU 6718
LOS ANGELES 13, CALIFORNIA

ADDITIONS TO THE SUN GARDEN VILLAGE SCHOOL FOR THE
WESTMINSTER SCHOOL DISTRICT
13451 SOUTH NEWLAND STREET WESTMINSTER, CALIFORNIA

APPROVED: ARCHITECT — ENGINEER

APPROVED: STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
14118
APPL. NO. MAR 7 - 1956 DATE
PRINCIPAL STRUCTURAL ENGINEER

APPROVED: FOR THE DISTRICT

DATE OF DRAWING 3-6-56
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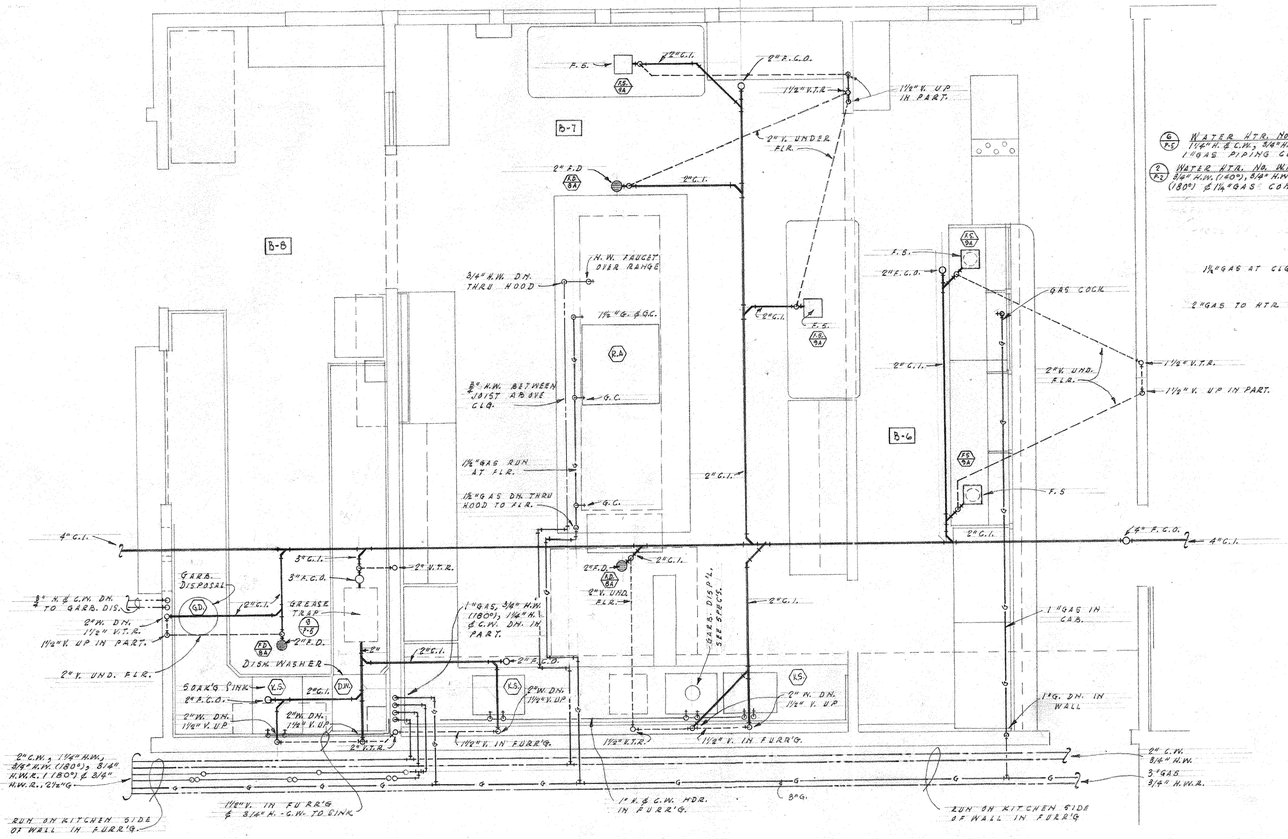
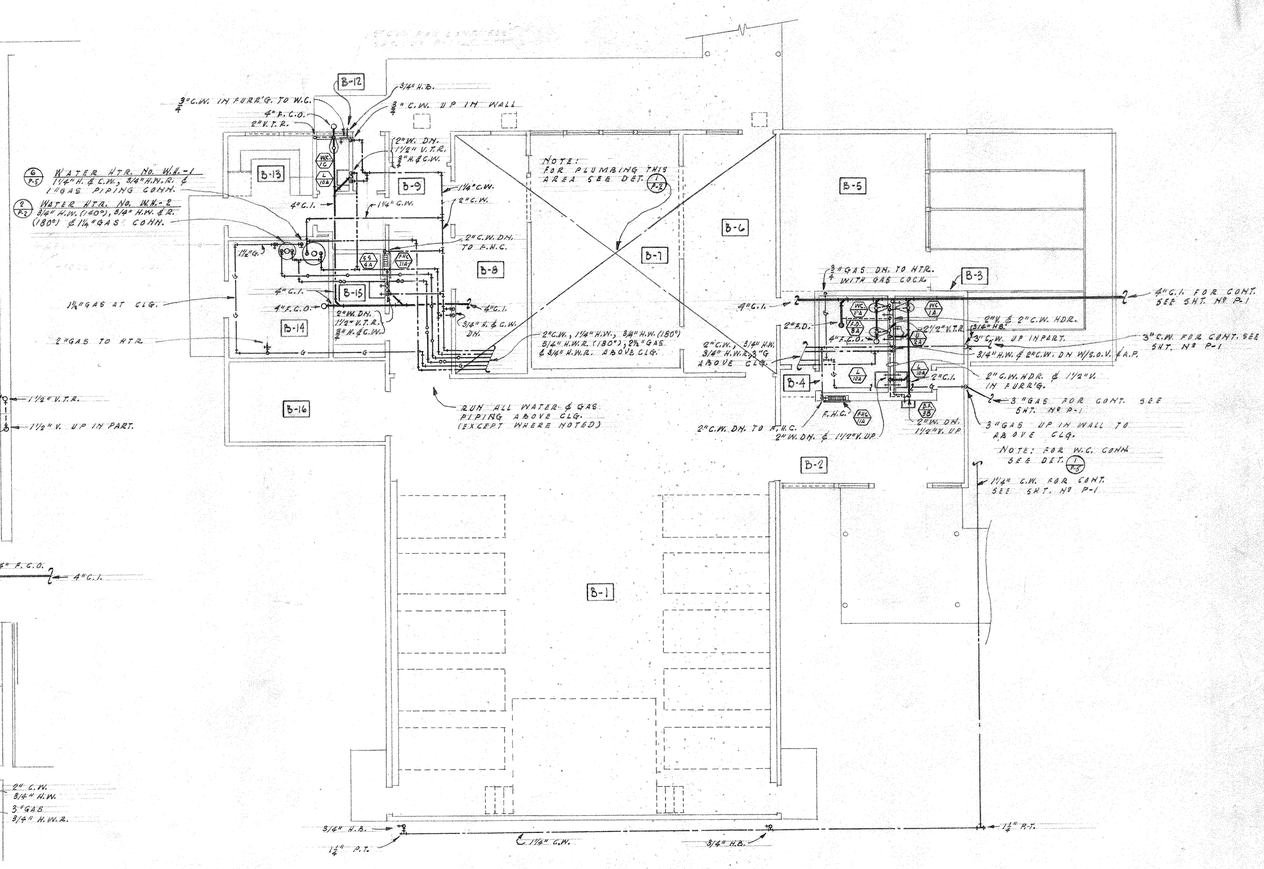
DRAWING NO. P-1 OF 5 SHTS.



1 DETAIL - KITCHEN PLUMBING

SCALE ¾" = 1'-0"

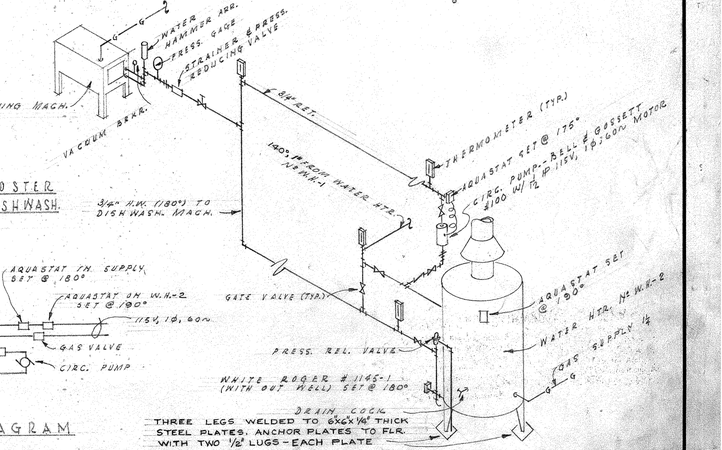


N PLUMBING PLAN - BUILDING "B"

SCALE ⅛" = 1'-0"

GENERAL NOTES - KITCHEN EQUIP.

1. FIXTURES MARKED 1 (K.S.) FURNISHED UND. ANOTHER SECT. OF THIS CONTR. PLUMB. CONTR. TO FURNISH TRIM & MAKE CONN. - SEE SPEC'S.
2. FIXTURES MARKED 2 (G.D.) (D.W.) (R.A.) PLUMB. CONTR. TO MAKE CONN. ONLY - FIXTURES & TRIM FURNISHED UNDER ANOTHER SECT. OF THIS CONTRACT. - SEE SPEC'S.
3. (K.S.) - KITCHEN SINK
   (G.D.) - GARBAGE DISPOSAL
   (D.W.) - DISH WASHER
   (R.A.) - RANGE & OVENS



2 HOT WATER BOOSTER H.T.R. CONN. TO DISHWASH. MACH.

WIRING DIAGRAM

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1741 SILVERLAKE BOULEVARD LOS ANGELES 26 NORMANDY 5-5166

JOSEPH E. KISKIS
MECHANICAL ENGINEER
542 S. BROADWAY MU 6718
LOS ANGELES 13, CALIFORNIA

ADDITIONS TO THE SUN GARDEN VILLAGE SCHOOL FOR THE
WESTMINSTER SCHOOL DISTRICT
13451 SOUTH NEWLAND STREET WESTMINSTER, CALIFORNIA

APPROVED: Kel McKeand
ARCHITECT
J. E. Kiskis
ENGINEER

APPROVED: 14118
APPL. NO.
MAR 7 - 1956
DATE

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WKS.
DIVISION OF ARCHITECTURE
E. Mungas
PRINCIPAL STRUCTURAL ENGINEER

APPROVED: FOR THE DISTRICT
Ada Clegg
Byram L. Bates

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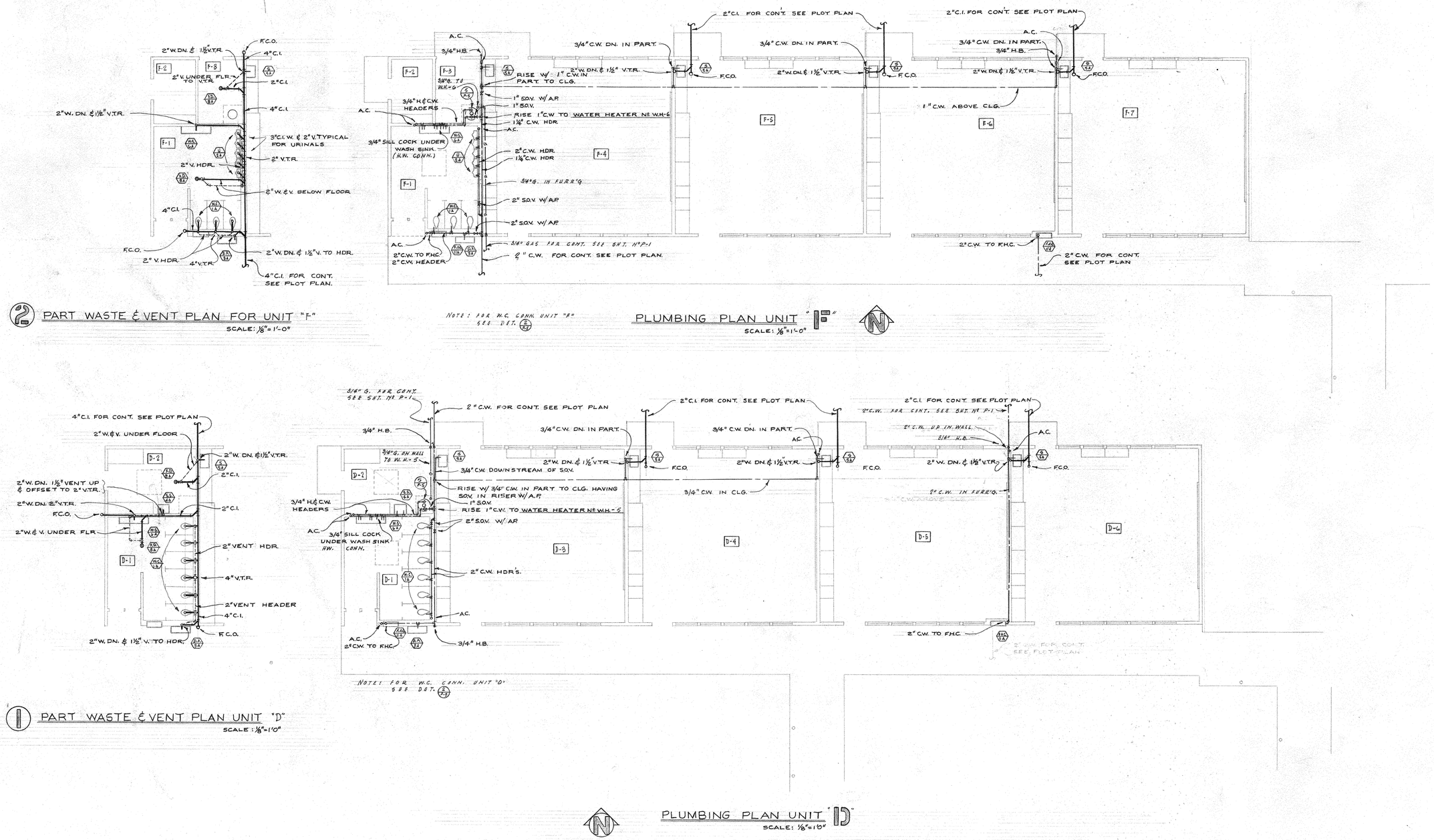
OF 5 SHTS.



2 PART WASTE & VENT PLAN FOR UNIT "F"
SCALE: 1/8" = 1'-0"

NOTE: FOR W.C. CONN. UNIT "F" SEE DET. 2/7-5

PLUMBING PLAN UNIT "F"
SCALE: 1/8" = 1'-0"

NOTE: FOR W.C. CONN. UNIT "D" SEE DET. 2/7-5

1 PART WASTE & VENT PLAN UNIT "D"
SCALE: 1/8" = 1'-0"

PLUMBING PLAN UNIT "D"
SCALE: 1/8" = 1'-0"

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1741 SILVERLAKE BLVD. - LOS ANGELES 26 - NORMANDY 5-5166

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542 S. BROADWAY MU 6718
LOS ANGELES 13, CALIFORNIA

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Lee B Kline ARCHITECT
J. E. Kiskis ENGINEER

APPROVED 14118 APPL. NO. MAR 7 - 1956 DATE
STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
E. Waag SOC PRINCIPAL STRUCTURAL ENGINEER

APPROVED: BOARD OF TRUSTEES
Ada Clegg
Byram L. Bates

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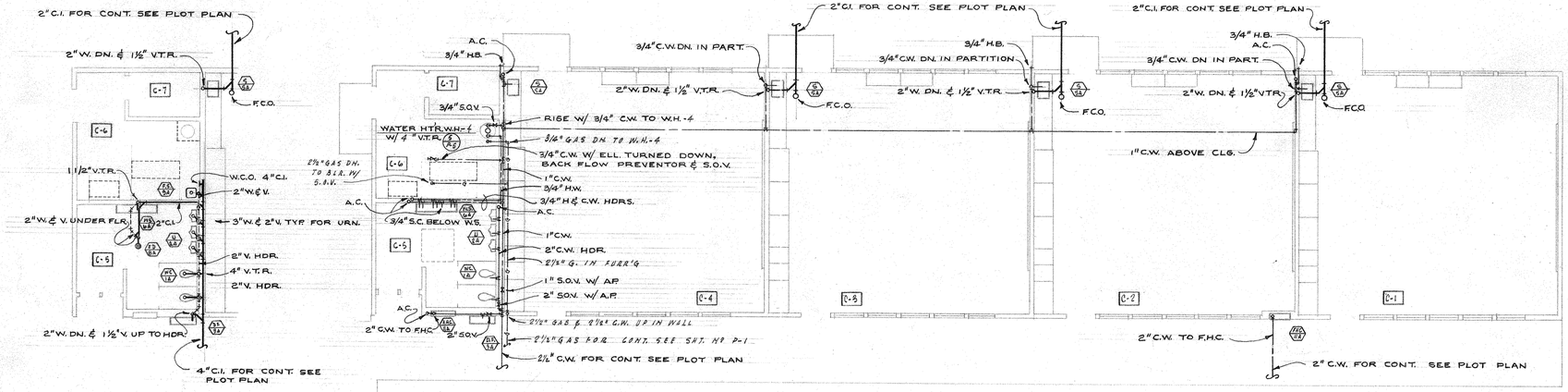


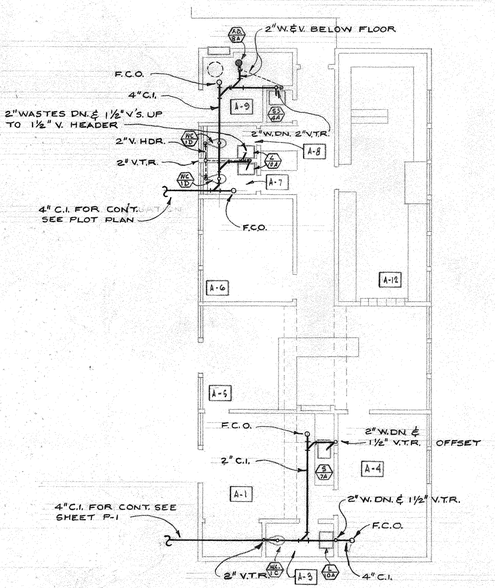
PART W. & V. PLAN FOR UNIT "C"

SCALE: ⅛"=1'-0"

NOTE: FOR W.C. CONN. SEE DET. UNIT "C"

PLUMBING PLAN - UNIT "C"

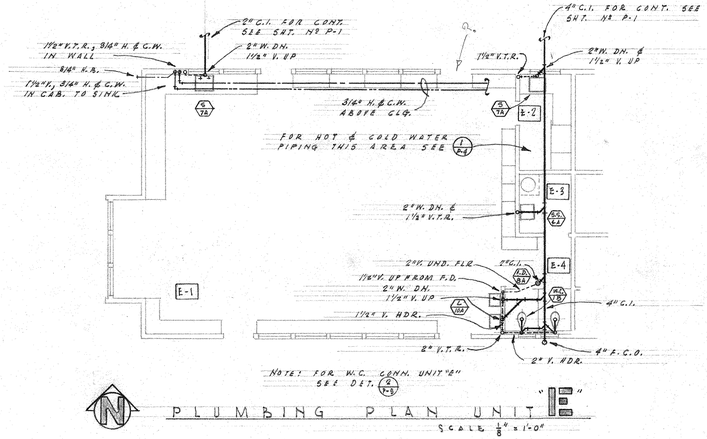
SCALE: ⅛"=1'0"



W. & V. PLAN - UNIT "A"

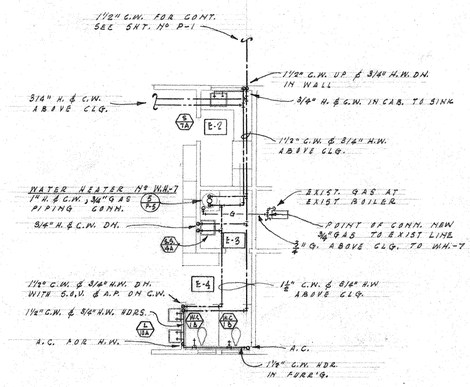
SCALE: ⅛"= 1'-0"

NOTE: FOR W.C. CONN. UNIT "A" SEE DET.



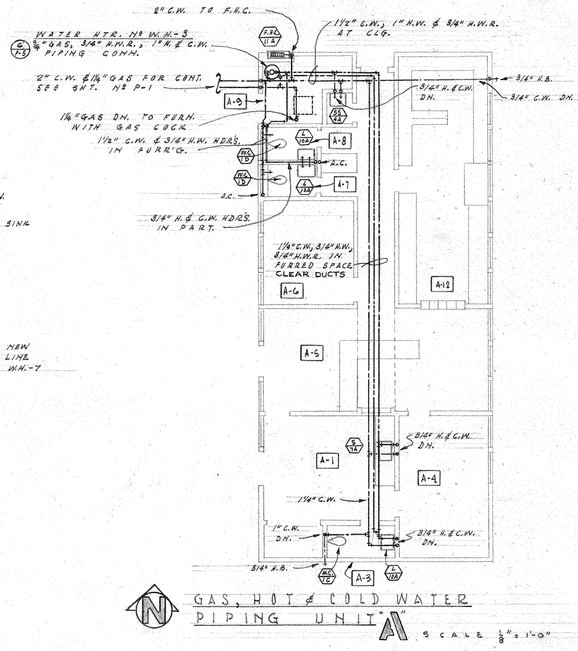
PLUMBING PLAN UNIT "B"

SCALE ⅛"=1'-0"



DETAIL - HOT & COLD WATER UNIT "E"

SCALE ⅛"=1'-0"



GAS, HOT & COLD WATER PIPING UNIT "A"

SCALE ⅛"=1'-0"

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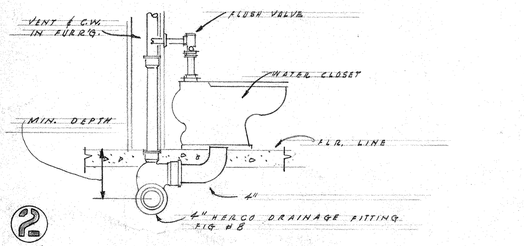
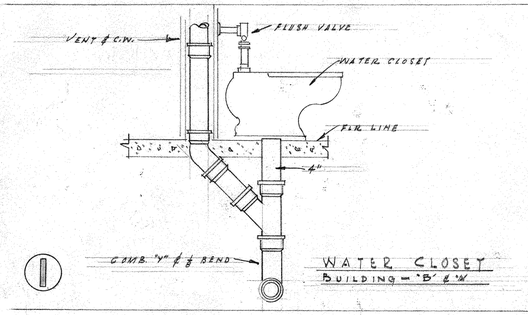
LEE B KLINE - ARCHITECT 1761 SILVERLAKE BLVD. - LOS ANGELES 26 - NORMANDY 5-5166		JOSEPH E. KISKIS MECHANICAL ENGINEER 583 S. BROADWAY MU 6718 LOS ANGELES 13, CALIFORNIA	ADDITIONS TO THE SUN GARDEN VILLAGE SCHOOL FOR THE WESTMINSTER SCHOOL DISTRICT 13451 SOUTH NEWLAND STREET WESTMINSTER, CALIFORNIA	Lee B Kline ARCHITECT J. E. Kiskis ENGINEER	APPROVED 14118 APPL. NO. MAR 7 - 1956 DATE STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE PRINCIPAL STRUCTURAL ENGINEER	APPROVED BOARD OF TRUSTEES Clerk President	DATE OF DRAW'G. 9-6-56 DRAWN BY DRAWING NO. P-4 OF 5 SHTS.



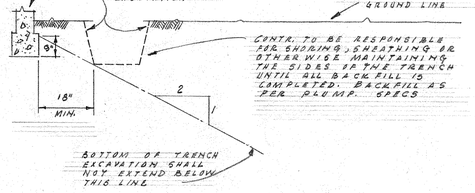
2 WATER CLOSET PIPING CONN.

BUILDINGS - 'C', 'D', 'F' & 'E'

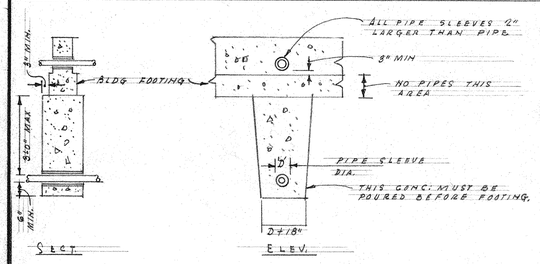


1 WATER CLOSET

BUILDING - 'B' & 'W'

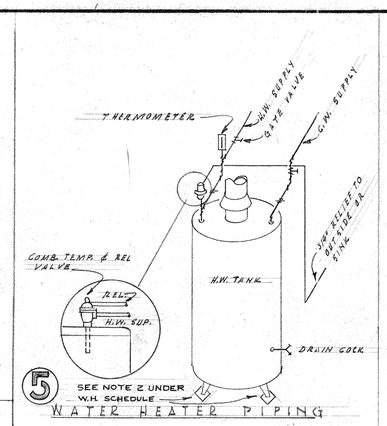


3 TYPICAL DETAIL FOR TRENCHES PARALLEL TO FOUNDAT'NS.

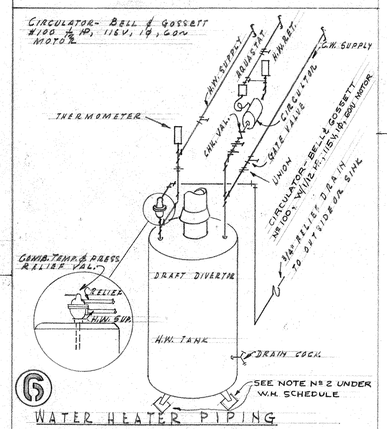


4 TYPICAL DETAIL FOR TRENCHES NOT PARALLEL TO BLDG.

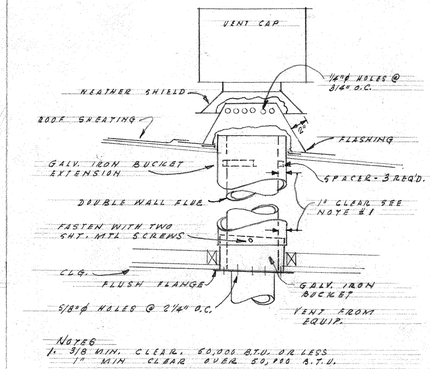
NOTE:
1. FOR PIPES MORE THAN 3'-0" BELOW BTM. OF FOOTING, USE COMPACTED FILL IN TRENCH



5 WATER HEATER PIPING

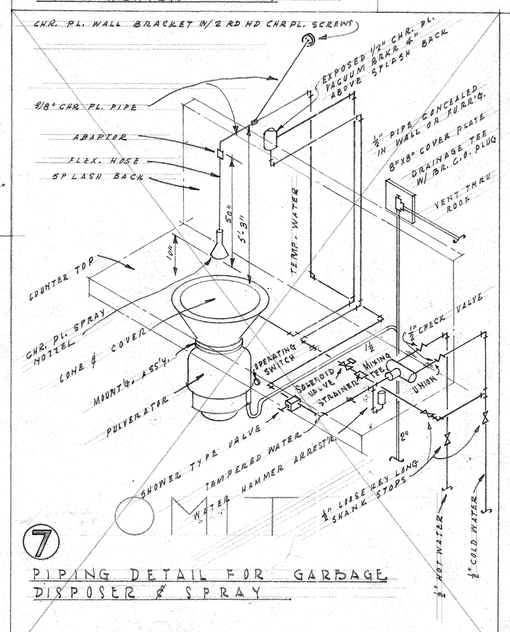


6 WATER HEATER PIPING

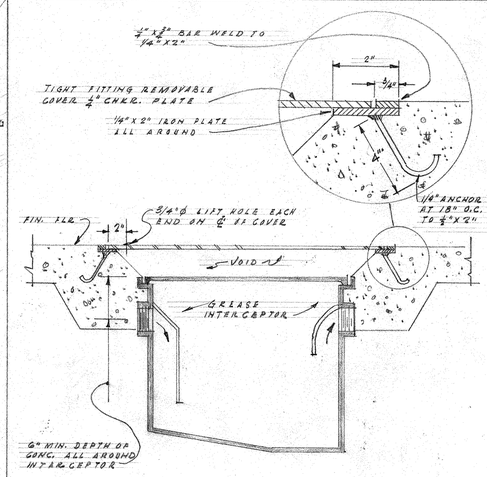


NOTES
1. 3/8 MIN. CLEAR, 60,000 B.T.U. OR LESS
1" MIN. CLEAR OVER 60,000 B.T.U.
2. BUCKET EXTENSION SHALL EXTEND THRU ROOF

8 VENT FOR GAS FIRED EQUIP.



7 PIPING DETAIL FOR GARBAGE DISPOSER & SPRAY



9 GREASE INTERCEPTOR

CAPACITY - 85 GAL RATE OF FLOW - 70 LB. RETENSION CAPACITY

PIPING SYMBOLS

SYMBOL	ABBRV.	DESCRIPTION
	C.W.	COLD WATER
	H.W.	HOT WATER (140°)
	H.W.R.	HOT WATER RETURN (140°)
	H.W. (180°)	HOT WATER (180°)
	H.W.R. (180°)	HOT WATER RETURN (180°)
	G.	GAS
	C.I.	CAST IRON WASTE OR SOIL
	V.	VENT
	G.V.	GATE VALVE
	GL. V.	GLOBE VALVE
	U.	UNION
	CHK. VAL.	CHECK VALVE
	V.T.R.	VENT THRU ROOF
	HDR.	HEADER
	PART.	PARTITION
	S.D.V.	SHUT-OFF VALVE
	A.P.	ACCESS PLATE
	A.C.	AIR CHAMBER
	H.B.	HOSE BIBB
	S.C.	SILL COCK
	W. C.O.	WALL CLEANOUT
	F.C.O.	FLOOR CLEANOUT
	C.O.Y.B.	CLEANOUT IN YARD BOX
	P.T.	PLUGGED TEE
	DN.	DOWN
	W.	WASTE
	W/	WITH
	V.C.P.	VITRIFIED CLAY PIPE
		EXIST. COLD WATER
---- G ----		EXIST. GAS
		EXIST. WASTE
	C.T.	CAPPED TEE
	P.C.	POINT OF CONNECTION

NOTE:
BACK FLOW PREVENTOR SHALL BE OF SIZE & TYPE APPROVED BY AUTHORITIES HAVING JURISDICTION

WATER HEATER SCHEDULE

NO.	MFG.	MOD. NO.	STORAGE	RE HEAT	VENT	BURN. CAP.	LOCATION
W.H.-1	GENERAL	DE LUXE	100 GAL.	80 GAL.	4"ø	57,240 A.T.U.	UNIT "B"
W.H.-2	DO.	140 816-6	44 GAL.	230 GAL.	6"ø	166,600 DO.	UNIT "B"
W.H.-3	DO.	DELUXE	50 GAL.	65 GAL	4"ø	46,473 DO.	UNIT "A"
W.H.-4	DO.	DO.	40 GAL.	40 GAL	3"ø	28,600 DO	UNIT "C"
W.H.-5	DO.	DO.	40 GAL.	DO	3"ø	DO.	UNIT "D"
W.H.-6	DO.	DO.	40 GAL.	DO	3"ø	DO.	UNIT "F"
W.H.-7	DO.	DO.	80 GAL.	60 GAL.	5"ø	28,600 B.T.U.	UNIT "E"

NOTE: 1. SEE W.H. LOCATIONS FOR V.T.R.'S
2. THREE LEGS WELDED TO 6"x6"x1/4" THICK STEEL PLATES. ANCHOR PLATES W/ TWO 1/2" LUGS EACH PLATE - TYPICAL FOR ALL WATER HEATERS.

PLUMBING FIXTURE SCHEDULE

FIXTURE	ITEM	WASTE	VENT	TRAP	C.W.	H.W.	HEIGHT	REMARKS
W.C. 1	WATER CLOSET	4"	2"	INT.	1"	—	18"	FLUSH VALVE
W.C. 2	WATER CLOSET	4"	2"	INT.	1"	—	10"	FLUSH VALVE
W.C. 3	WATER CLOSET	4"	2"	INT.	1/2"	—	15"	FLUSH TANK
W.C. 4	WATER CLOSET	4"	2"	INT.	1"	—	16"	FLUSH VALVE
U. 1	URINAL	2"	2"	3"	3/4"	—	FLOOR	
D.F. 1	DRINK. FOUNT.	2"	1 1/4"	1 1/4" X 1 1/4"	1/2"	—	32" TO HEAD	5 - BUBBLER
D.F. 2	DRINK. FOUNT.	2"	1 1/4"	1 1/4"	1/2"	—	32" TO HEAD	1 - BUBBLER
S.R. 1	SERVICE SINK	2"	1 1/2"	2"	1/2"	1/2"	28" TO RIM	
L. 1	SINK	2"	1 1/2"	1 1/2" X 1 1/2"	1/2"	—	COUNTER	
W.R. 1	WASH SINK	2"	1 1/2"	1 1/2" X 1 1/2"	1/2"	1/2"	28" TO RIM	
S. 1	SINK	2"	1 1/2"	1 1/2" X 1 1/2"	1/2"	1/2"	COUNTER	
F.D. 1	FLOOR DRAIN	2"	1 1/2"	2" X 2"	—	—	—	
F.D. 2	FLOOR DRAIN	2"	1 1/2"	2" X 2"	—	—	—	
L. 1	LAVATORY	2"	1 1/2"	1 1/2" X 1 1/2"	1/2"	1/2"	25"	
H.C. 1	FIRE HOSE CAB.				2"	—	SEE ARCH DWG.	

REUSE OF INSTRUMENTS OF SERVICE

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LEE B KLINE - ARCHITECT
1781 SILVERLAKE BLVD. - LOS ANGELES 26 - NORMANDY 5-5165

JOSEPH E. KISKIS
MECHANICAL ENGINEER
542 S. BROADWAY MU 6718
LOS ANGELES 13, CALIFORNIA

ADDITIONS TO THE SUN GARDEN VILLAGE SCHOOL FOR THE
WESTMINSTER SCHOOL DISTRICT
13451 SOUTH NEWLAND STREET WESTMINSTER, CALIFORNIA

ARCHITECT

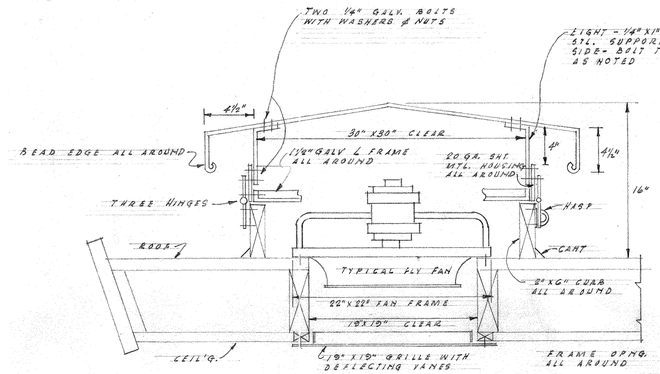
ENGINEER

APPROVED MAR 1 1956
DATE
STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
APPL. NO. 14118
PRINCIPAL STRUCTURAL ENGINEER

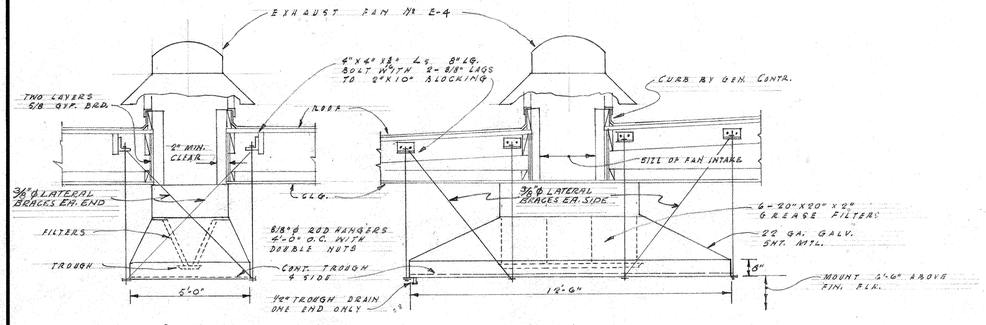
APPROVED: BOARD OF TRUSTEES

DATE OF DRAW'G 8-6-56
DRAWN BY

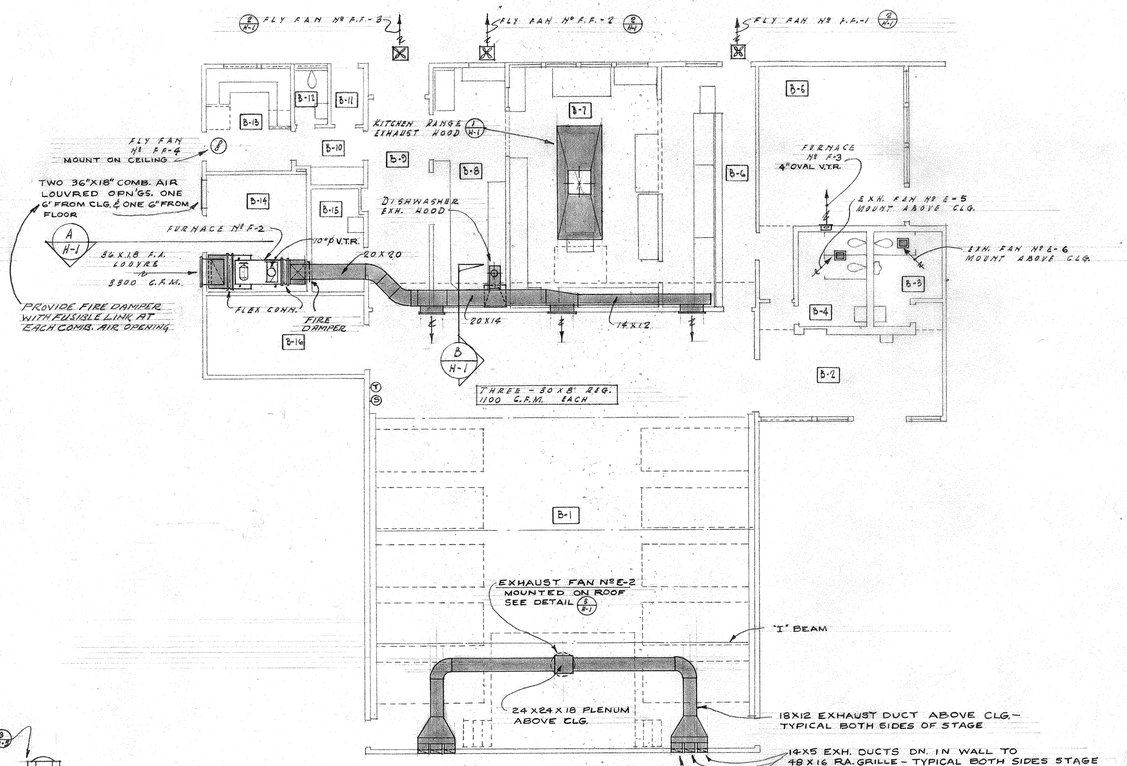
DRAWING NO. P-5
OF 5 SHTS.



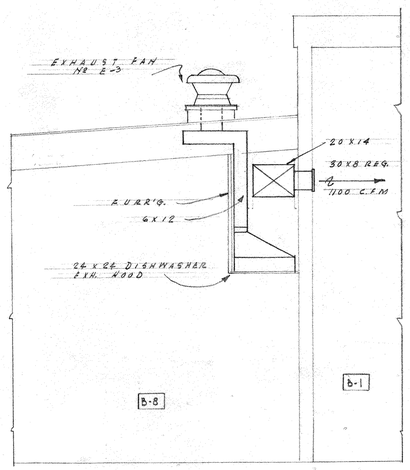
2 TYPICAL FLY FAN FOR FF-1,2&3
NO SCALE



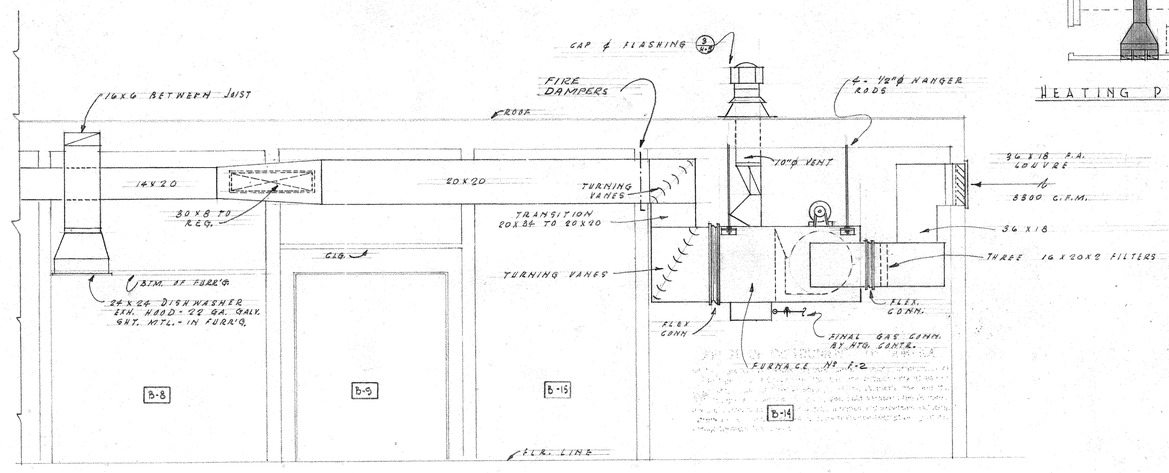
1 KITCHEN RANGE EXHAUST HOOD
NO SCALE



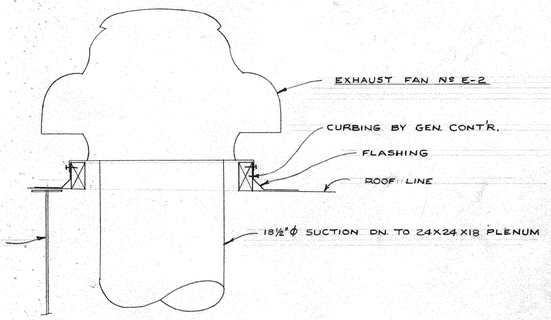
HEATING PLAN BUILDING "B"
SCALE 1/8" = 1'-0"



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



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



3 DETAIL MULTIPURPOSE ROOM EXH. FAN E-2
NO SCALE

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1741 SILVERLAKE BOULEVARD LOS ANGELES 26 NORMANDY 5-5166

JOSEPH E. KISKIS
MECHANICAL ENGINEER
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LOS ANGELES 13, CALIFORNIA

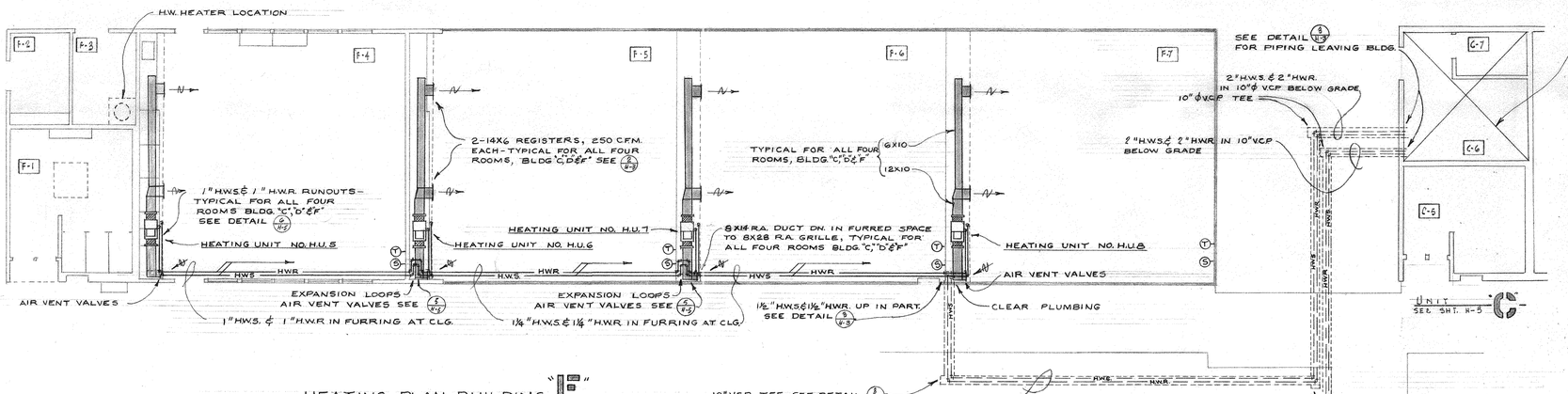
ADDITIONS TO THE SUN GARDEN VILLAGE SCHOOL FOR THE
WESTMINSTER SCHOOL DISTRICT
13451 SOUTH NEWLAND STREET WESTMINSTER, CALIFORNIA

APPROVED: ARCHITECT
APPROVED: ENGINEER J. E. Kiskis

APPROVED: 14118. APPL. NO. MAR 7 - 1955 DATE
STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WKS. DIVISION OF ARCHITECTURE
PRINCIPAL STRUCTURAL ENGINEER

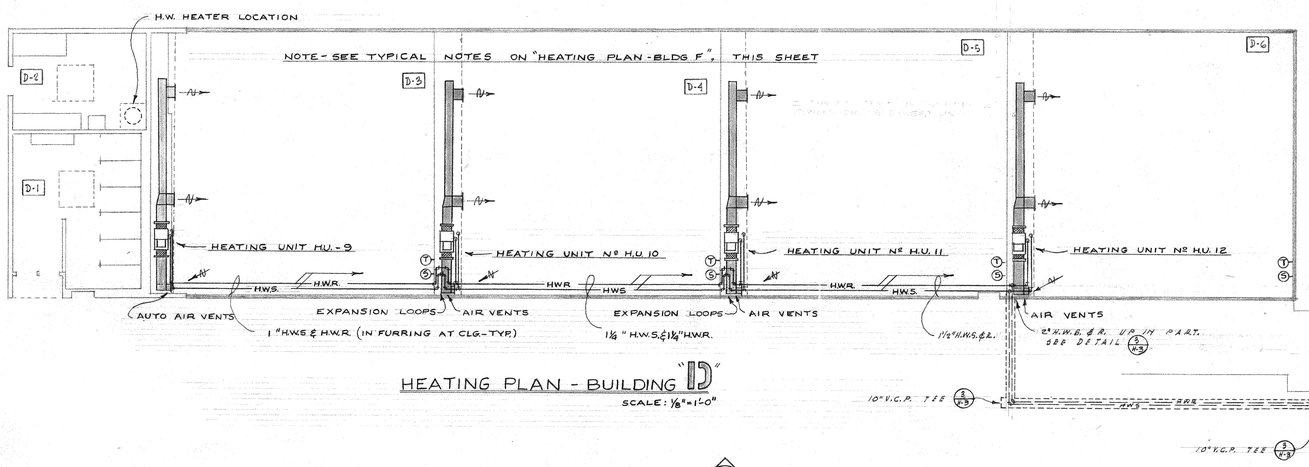
APPROVED: FOR THE DISTRICT

DATE OF DRAWING 3-6-56
DRAWN BY
DRAWING NO. H-1 OF 5 SHTS.



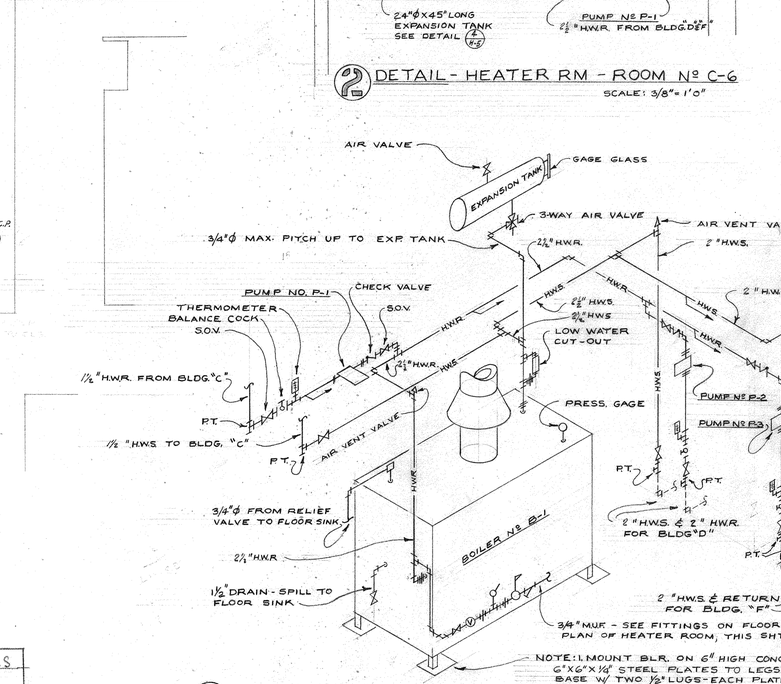
HEATING PLAN-BUILDING "E"

SCALE: ⅛"=1'-0"



HEATING PLAN - BUILDING "D"

SCALE: ⅛"=1'-0"



DETAIL - HEATER RM - ROOM Nº C-6

SCALE: 3/8"=1'0"

NOTE: 1. MOUNT BLR. ON 6" HIGH CONC. BASE, & WELD 6"X6"X½" STEEL PLATES TO LEGS, ANCHORED TO BASE W/ TWO ½" LUGS - EACH PLATE.

DETAIL - BOILER PIPING DIAGRAM, BOILER Nº B-1

NO SCALE

GEN. NOTES:

1. CLASS ROOM Nº F-4 IS TYPICAL FOR WINDOWS, CABINETS ETC. FOR ALL CLASS ROOMS THIS SHEET.
2. HEATING CONTRACTOR SHALL MAKE THE FINAL GAS & C.W. CONN. TO BOILERS & FURNACES.
3. FIRE DAMPERS - SEE SPEC'S.
4. ALL SUPPLY AIR REGISTERS SHALL BE TUTTLE & BAILEY Nº T647, HIGH SIDEWALL.
5. ALL RETURN AIR GRILLES SHALL BE TUTTLE & BAILEY Nº T70D WITH VOLUME DAMPERS IN DUCTS, ACCESSIBLE BY REMOVING GRILLE.

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HEATING PIPING SYMBOLS

H.W.S.	HOT WATER SUPPLY
H.W.R.	HOT WATER RETURN
	GATE VALVE
S	BALANCING COCK
	CHECK VALVE
T	THERMOMETER
M.U.	MAKE UP FEED
P.T.	PLUGGED TEE
T	THERMOSTAT
	PITCH DOWN IN DIRECTION OF ARROW

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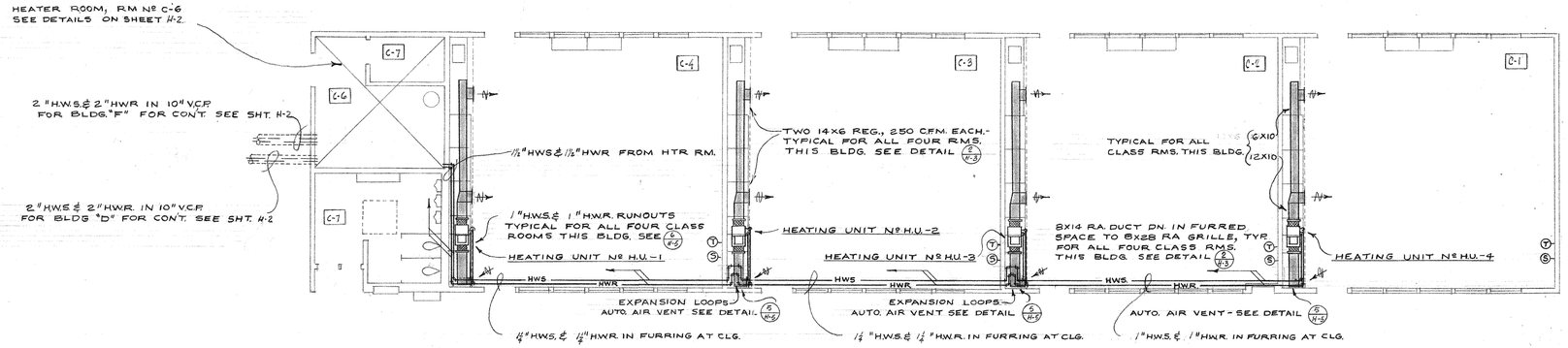
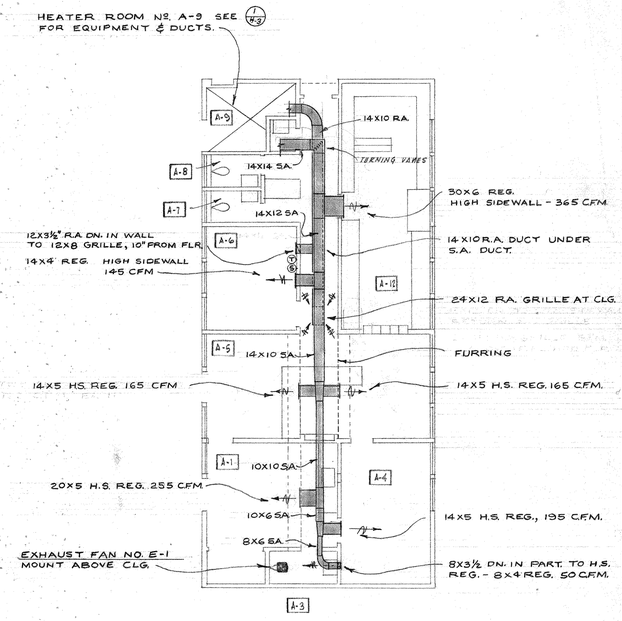


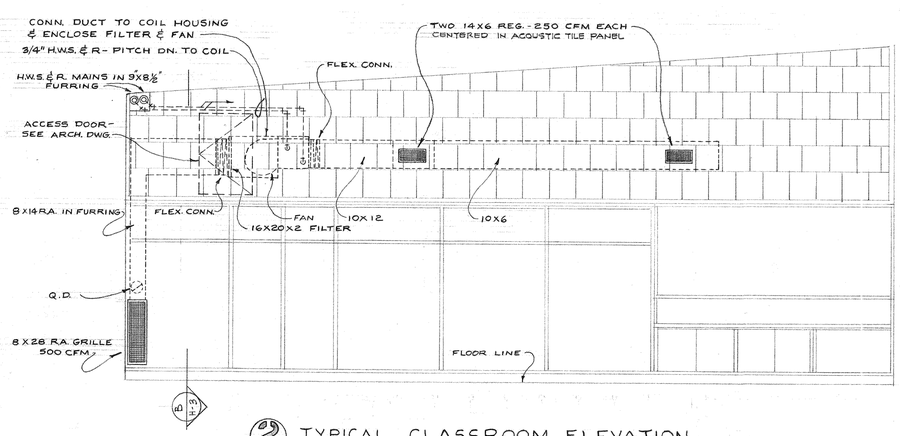
HEATING PLAN - BUILDING "C"

SCALE: ⅛"=1'-0"



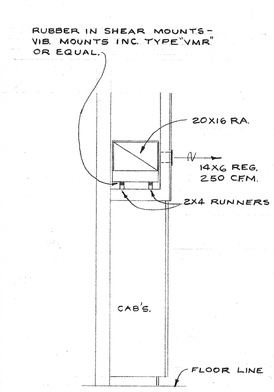
HEATING PLAN - BUILDING "A"

SCALE: ⅛"=1'-0"



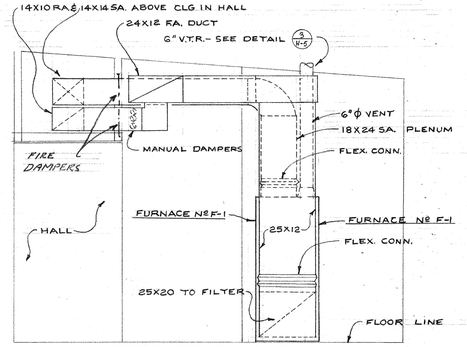
② TYPICAL CLASSROOM ELEVATION

SCALE: 3/8"=1'0"



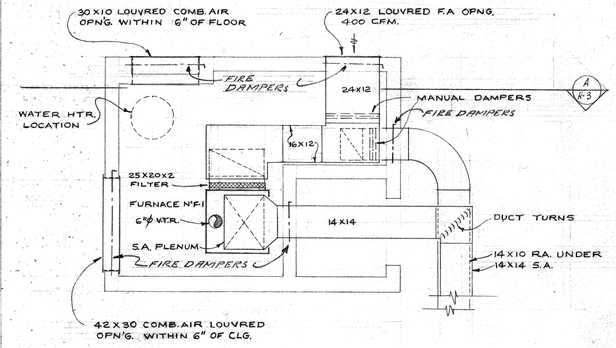
⑬ SECTION

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



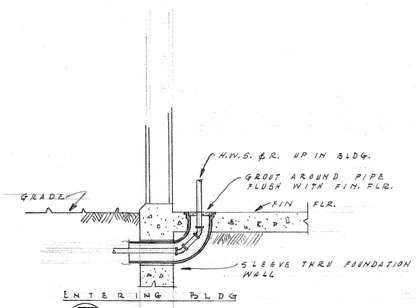
Ⓐ SECTION

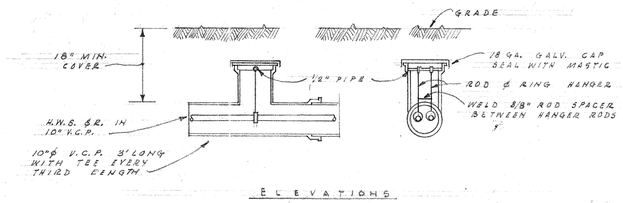
SCALE: 3/8"=1'-0"

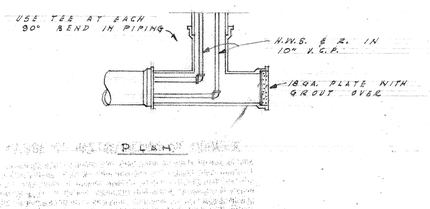


① HEATER ROOM PLAN - RM. A-9

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







③ HOT WATER PIPING IN CONDUIT BELOW GRADE

NO SCALE

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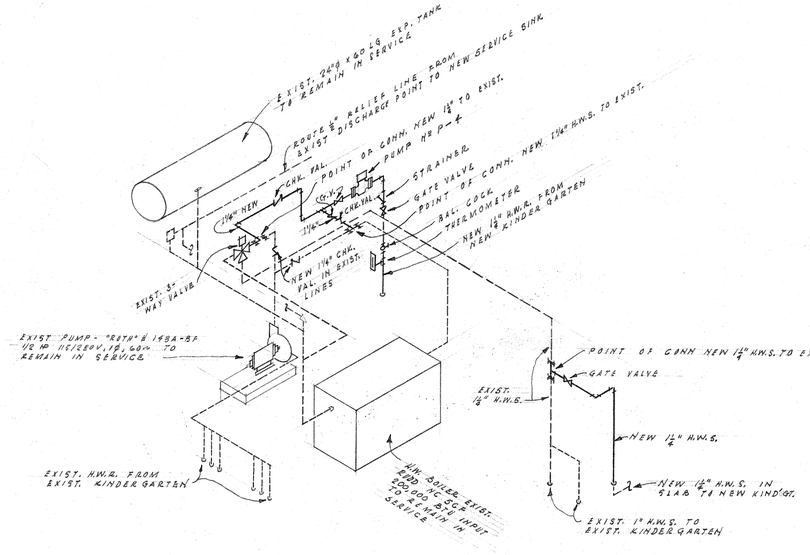
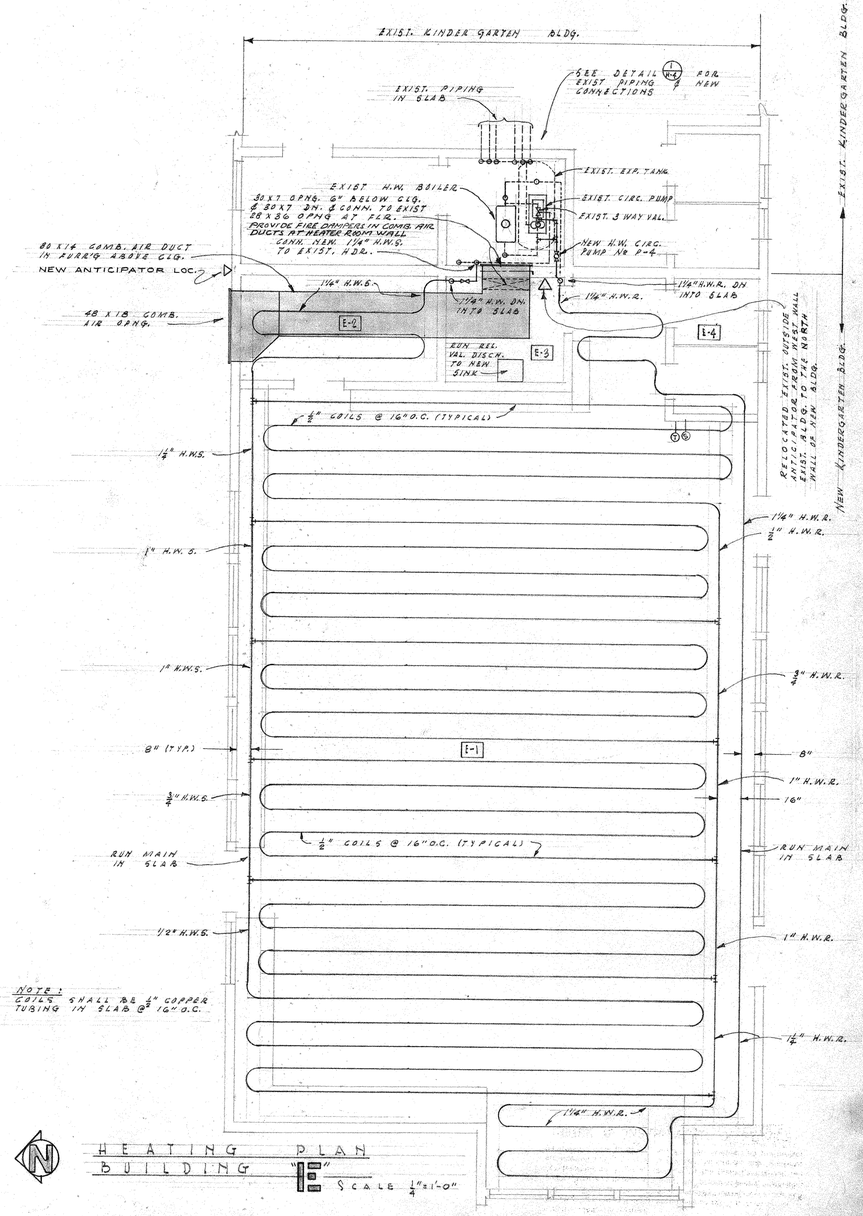


DETAIL - BOILER PIPING CONNECTIONS

NO SCALE



HEATING PLAN
BUILDING "I"
SCALE ¼"=1'-0"

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13451 SOUTH NEWLAND STREET WESTMINSTER, CALIFORNIA

Lee B. Kline ARCHITECT
J. E. Kiskis ENGINEER

APPROVED 14118
APPL. NO.
MAR 7 - 1956
DATE

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WKS.
DIVISION OF ARCHITECTURE
G. Madonna
PRINCIPAL STRUCTURAL ENGINEER

APPROVED:
BOARD OF TRUSTEES
Ada Clegg
Lyman L. Bates

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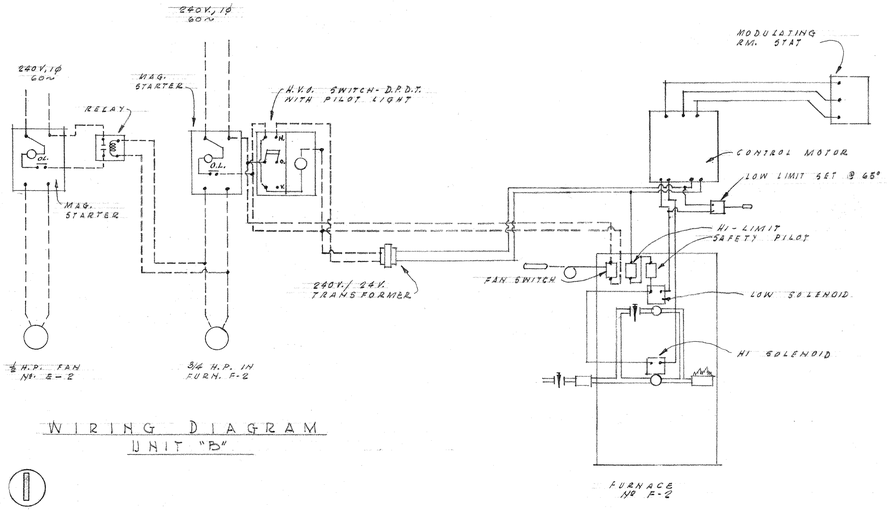
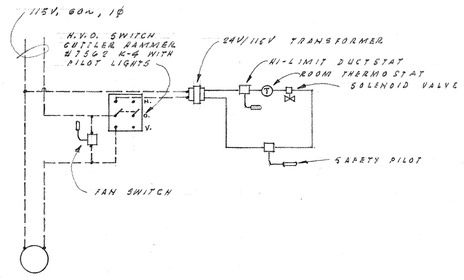
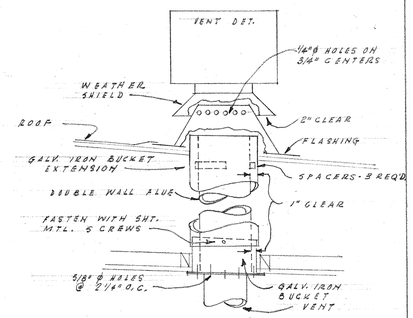


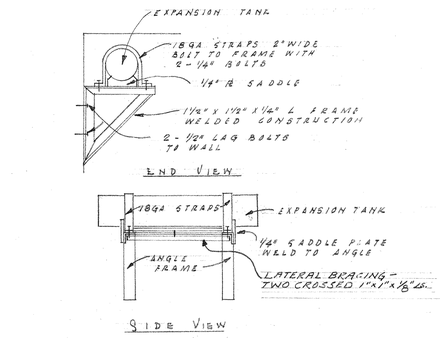
WIRING DIAGRAM
UNIT "B"



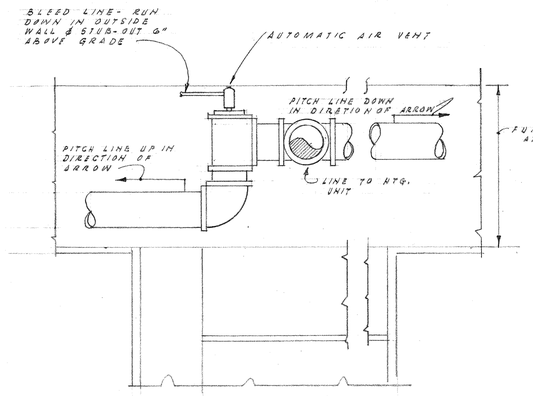
WIRING DIAGRAM UNIT "A"



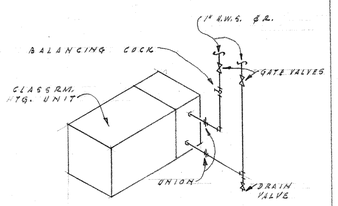
VENT DETAIL



EXPANSION TANK MOUNT DETAIL
(RM. # C-6 ONLY)
NO SCALE



PIPING DETAIL
NO SCALE



PIPING DETAIL
TYPICAL CLASSRM HEATER

HOT WATER BOILER SCHEDULE

No.	MFG.	MODEL No.	BTU IN	BTU OUT	FIRING	VENT	LOCATION
B-1	AJAX	1400	825,000	660,000	GAS	12"ϕ	UNIT "C" RM. C-6

GAS FIRED FURNACE SCHEDULE

No	MFG.	MODEL No.	BTU IN	BTU OUT	VENT	MOTOR	CURRENT	LOCATION
F-1	HAYES	140 SEC	140,000	112,000	6"ϕ	1/4 HP	115V, 1ϕ, 60 N	UNIT "A" RM. A-9
F-2	HAYES	400 SES	400,000	320,OUT	10"ϕ	3/4 HP	220V, 1ϕ, 60 N	UNIT "B" RM. B-14
F-3	HAMMEL	6-17-5W	17,000	-	4"OVAL	-	-	UNIT "B" RM. B-5

NOTE: FURN: # F-1 SHALL HAVE PERMANENT TYPE FILTERS "FARR" OR EQUAL

HEATING UNIT SCHEDULE

No	MFG.	MODEL No.	C.F.M.	200°ENT. WATER - 20°TD	MOTOR	CURRENT	LOCATION
*	DRAYER-HANSEN	HRC-124 HW	500	51200 BTU, 155 FT., 5GPM.	1/12 HP	115V., 1ϕ, 60N	**

* UNITS No 1, 2, 3 & 4 LOCATED IN UNIT "C"
** UNITS No 5, 6, 7 & 8 LOCATED IN UNIT "F"
UNITS No 9, 10, 11 & 12 LOCATED IN UNIT "D"

PUMP SCHEDULE

No.	MFG.	TYPE	SIZE	CAPACITY	MOTOR	CURRENT	LOCATION
P-1	BELLÉ GOSSETT	BOOSTER	2½	20 G.P.M. @ 14' HD.	1/4 HP	115V., 1ϕ, 60N	UNIT "C" RM C-6
P-2 & 3	DO.	DO.	PD 37 T	20 G.P.M. @ 25' HD.	3/4 HP	220V., 1ϕ, 60N	DO.
P-4	DO.	DO.	PD 35 S	10 G.P.M. @ 22' HD	1/2 HP	220V., 1ϕ, 60N	EXIST KINDERGARTEN

FAN SCHEDULE

No.	MFG.	MODEL No.	CFM.	MOTOR	CURRENT	LOCATION
E-1	CLIPPER	1501	300	95 WATT	115V., 1ϕ, 60N	UNIT "A" RM. A-3
E-2	JENN-AIR	184 BCR	2640	1/2 H.P.	220V., 1ϕ, 60N	UNIT "B" ROOF
E-3	ILG	PRV 25L	960	1/6 H.P.	115V., 1ϕ, 60N	DO.
E-4	ILG	PRV 45L	4500	7/8 H.P.	220V., 1ϕ, 60N	DO.
E-5	CLIPPER	1501	300	95 WATT	115 V., 1ϕ, 60N	UNIT "B" RM. B-4
E-6	DO.	DO.	DO.	DO	115V., 1ϕ, 60N	UNIT "B" RM B-3
FF-1	AM. BLOWER	A-30A	2520	1/3 H.P.	115V., 1ϕ, 60N	UNIT "B"
FF-2	DO.	DO.	DO.	DO.	DO.	DO.
FF-3	DO.	DO.	DO.	DO.	DO.	DO.
FF-4	ILG	UA-204	3820	1/6 HP	DO.	DO.

NOTE: FANS # E-1, 3, 4, 5 & 6 SHALL BE INSTALLED COMPLETE WITH DUCT THRU ROOF FLASHING & DISCH. CONE.

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DEPARTMENT OF PUBLIC WKS.
DIVISION OF ARCHITECTURE
E. Maag Jr.
PRINCIPAL STRUCTURAL ENGINEER

APPROVED:
BOARD OF TRUSTEES
Ida Clegg
Byron L. Bales

DATE OF DRAWING 3-6-56
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