

# ATTACHMENT G - AS-BUILTS

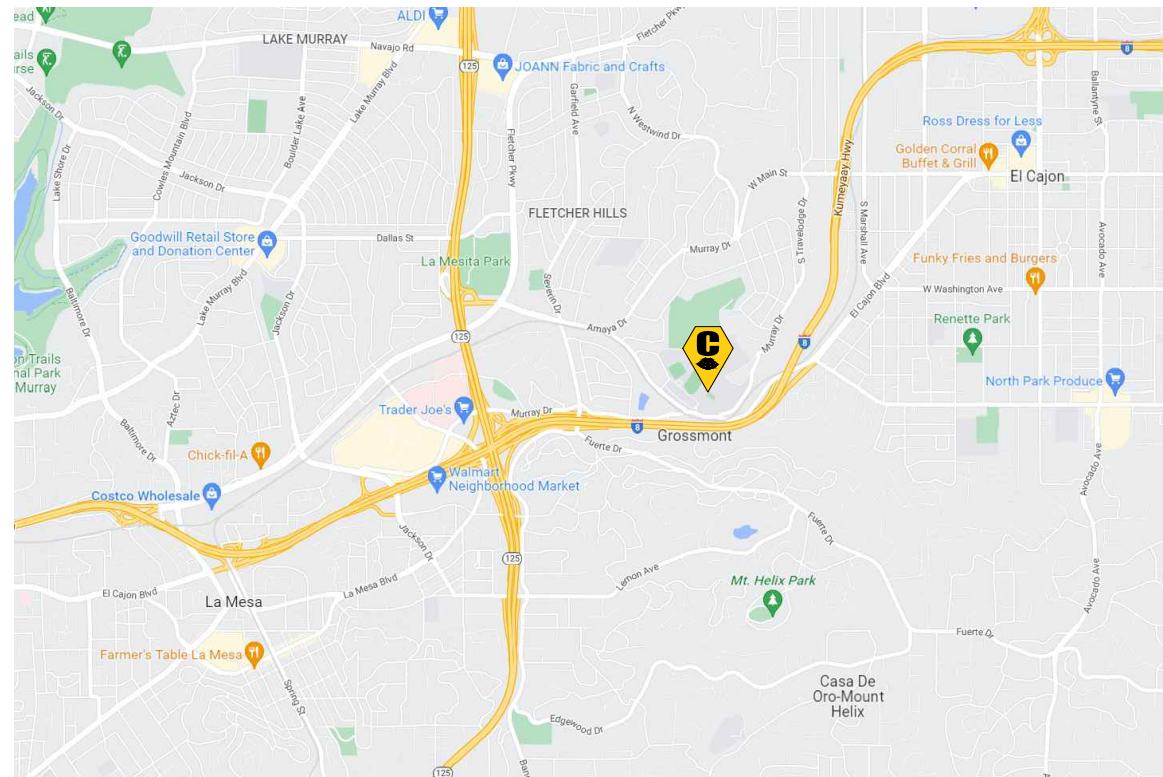


# UNDERGROUND UTILITY MAP

WITHIN THE CITY OF SAN DIEGO, COUNTY OF SAN DIEGO, CALIFORNIA

PREPARED FOR:

## GROSSMONT UNION HIGH SCHOOL DISTRICT



VICINITY MAP  
NOT TO SCALE

### UTILITY QUALITY LEVELS NOTES

INFORMATION PROVIDED FROM AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE) CI/ASCE 38-02 MANUAL.

#### UTILITY QUALITY LEVEL A

PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE (OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) AND SUBSEQUENT MEASUREMENT OF SUBSURFACE UTILITIES, USUALLY AT A SPECIFIC POINT. MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT IS TYPICALLY USED TO MINIMIZE THE POTENTIAL FOR UTILITY DAMAGE. A PRECISE HORIZONTAL AND VERTICAL LOCATION, AS WELL AS OTHER UTILITY ATTRIBUTES, IS SHOWN ON PLAN DOCUMENTS. ACCURACY IS TYPICALLY SET TO 15-MM VERTICAL AND TO APPLICABLE HORIZONTAL SURVEY AND MAPPING ACCURACY AS DEFINED OR EXPECTED BY THE PROJECT OWNER.

#### UTILITY QUALITY LEVEL B

INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. QUALITY LEVEL B DATA SHOULD BE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THEIR DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES DEFINED BY THE PROJECT AND REDUCED ONTO PLAN DOCUMENTS.

#### UTILITY QUALITY LEVEL C

INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION.

#### UTILITY QUALITY LEVEL D

INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.

### UTILITY NOTES

- FACILITIES (UTILITY LINES) SHALL BE LOCATED AND MARKED PRIOR TO EXCAVATION. CALL (800) 90-BELOW.
- CONTRACTOR SHALL HAND-EXPOSE TO A POINT OF NO CONFLICT 24" ON EITHER SIDE OF THE UNDERGROUND FACILITY, REGARDLESS OF THE ESTIMATED DEPTH.
- DEPTHS SHOWN ARE APPROXIMATE. ESTIMATED DEPTHS ARE FROM THE GROUND SURFACE TO THE CENTER OF THE FACILITY, INVERT OF WASTE LINES, OR TO THE FACILITY TRACER WIRE. DEPTH ESTIMATES SHOULD BE USED WITH CAUTION AND MAY VARY ALONG THE LENGTH OF THE FACILITY.
- UTILITY BRACKETS ARE SHOWN TO DEMONSTRATE MULTIPLE LINES TRAVELING TOGETHER IN EITHER A DUCTBANK OR BUNDLE.
- THE SCOPE OF THIS SURVEY DOES NOT INCLUDE FACILITY SIZE OR NUMBER OF CONDUIT IN MULTIPLE CONDUIT RUNS. IRRIGATION LINES ARE NOT INCLUDED IN THIS SURVEY.
- THE BACKGROUND SITE PLAN USED IN PREPARING THIS MAP WAS PREPARED BY OTHERS AND PROVIDED TO C BELOW BY THE CLIENT. C BELOW MAKES NO REPRESENTATION AS TO THE ACCURACY OF THE PLAN.
- IN THE EVENT THE INFORMATION SHOWN IN THIS PLAN VARIES FROM THE ACTUAL SITE CONDITIONS, C BELOW SHALL BE NOTIFIED WITHIN 24 HOURS AFTER DISCOVERY OF THE CONFLICT.

### UNDERGROUND LINE LEGEND

#### UTILITY QUALITY LEVEL B:

ELECTRICAL	—E—
GAS	—G—
COMMUNICATION	—C—
WATER	—W—
SANITARY SEWER	—SS—
STORM DRAIN	—SD—
POSSIBLE LINE LOCATION, BASED ON GPR DETECTION	—U—
STREET LIGHT	—SL—
AIR	—AIR—
TRAFFIC SIGNAL	—TS—
FIRE WATER	—FW—
CHILLED WATER	—CHW—
HOT WATER	—HW—
RECLAIMED WATER	—RW—

#### UTILITY QUALITY LEVEL C:

ELECTRICAL	- - - E - - -
GAS	- - - G - - -
COMMUNICATION	- - - C - - -
WATER	- - - W - - -
SANITARY SEWER	- - - SS - - -
STORM DRAIN	- - - SD - - -
STREET LIGHT	- - - SL - - -
AIR	- - - AIR - - -
TRAFFIC SIGNAL	- - - TS - - -
FIRE WATER	- - - FW - - -
CHILLED WATER	- - - CHW - - -
HOT WATER	- - - HW - - -
RECLAIMED WATER	- - - RW - - -

#### UTILITY QUALITY LEVEL D:

ELECTRICAL	—E—
GAS	—G—
COMMUNICATION	—C—
WATER	—W—
SANITARY SEWER	—SS—
STORM DRAIN	—SD—
STREET LIGHT	—SL—
AIR	—AIR—
TRAFFIC SIGNAL	—TS—
FIRE WATER	—FW—
CHILLED WATER	—CHW—
HOT WATER	—HW—
RECLAIMED WATER	—RW—

### UTILITY DEPICTION

UNDERGROUND UTILITY DEPICTION SHOWN HEREON IS BASED ON LOCAL CONTROL AND/OR ON THE SMARTNET RTK NETWORK, UNLESS STATED OTHERWISE.

### KEY NOTES

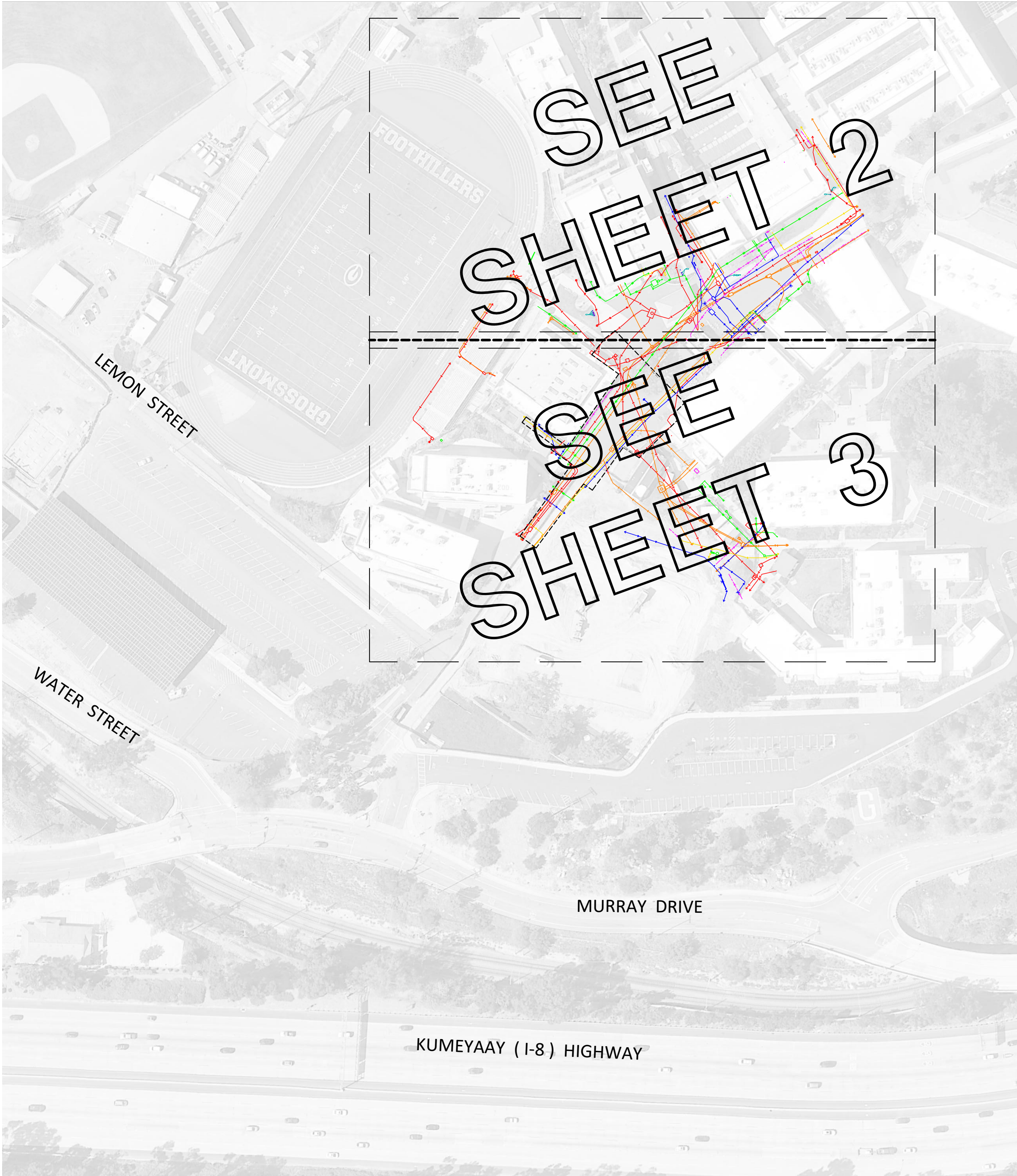
- NON-CONDUCTIVE, UNABLE TO LOCATE PAST THIS POINT.
- NO ACCESS, UNABLE TO LOCATE PAST THIS POINT.
- CANNOT PUSH FURTHER PAST THIS POINT.
- AT BUILDING

### ABBREVIATIONS

CO	CLEAN OUT
(C)	COMMUNICATION
(E)	ELECTRIC
(G)	GAS
RD	ROOF DRAIN
(RW)	RECLAIMED WATER
(SD)	STORM DRAIN
(SL)	STREET LIGHT
(SS)	SANITARY SEWER
TRN	TRANSFORMER
(U)	UNKNOWN
(W)	WATER

### LEGEND/SYMBOL

1'-6"	DEPTH FROM SURFACE
⬮	FIRE HYDRANT
⊙	LIGHT POLE
○	MANHOLE
⊞	PULL BOX
⊗	VALVE
□	VAULT



KEY MAP  
NOT TO SCALE

NOTE:  
BACKGROUND IMAGE IS FROM GOOGLE EARTH AND IS FOR REFERENCE ONLY.

NO BACKGROUND HAS BEEN PROVIDED BY CLIENT. ONCE BACKGROUND IS PROVIDED UTILITY MAP WILL BE UPDATED

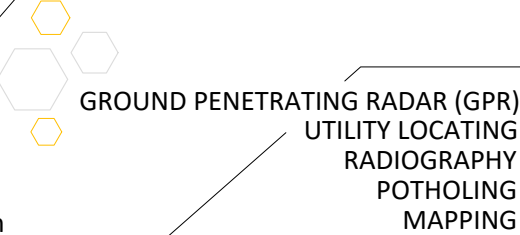
DRAWING SHEETS	
SHEET NO.	SHEET TITLE
1	COVER SHEET
2	UTILITY MAP



### C BELOW SUBSURFACE IMAGING

14280 EUCLID AVE  
CHINO, CA 91710

P: 888-902-3569  
F: 909-606-6555  
www.cbelow.com



NOTES: The services provided by C Below, Inc. do not relieve the Client and/or property owner of the responsibility of having to comply with California Government Code §54216-4216.9. It is expressly understood by the Client and/or owner that CBI services are not a substitute for compliance with California Code §54216-4216.9.

### PROJECT:

PARTIAL UNDERGROUND UTILITY MAP FOR:  
GROSSMONT HIGH SCHOOL  
1100 MURRAY DRIVE  
EL CAJON, CA 92020

### CLIENT:

GROSSMONT UNION HIGH SCHOOL DISTRICT  
1100 MURRAY DRIVE  
EL CAJON, CA 92020

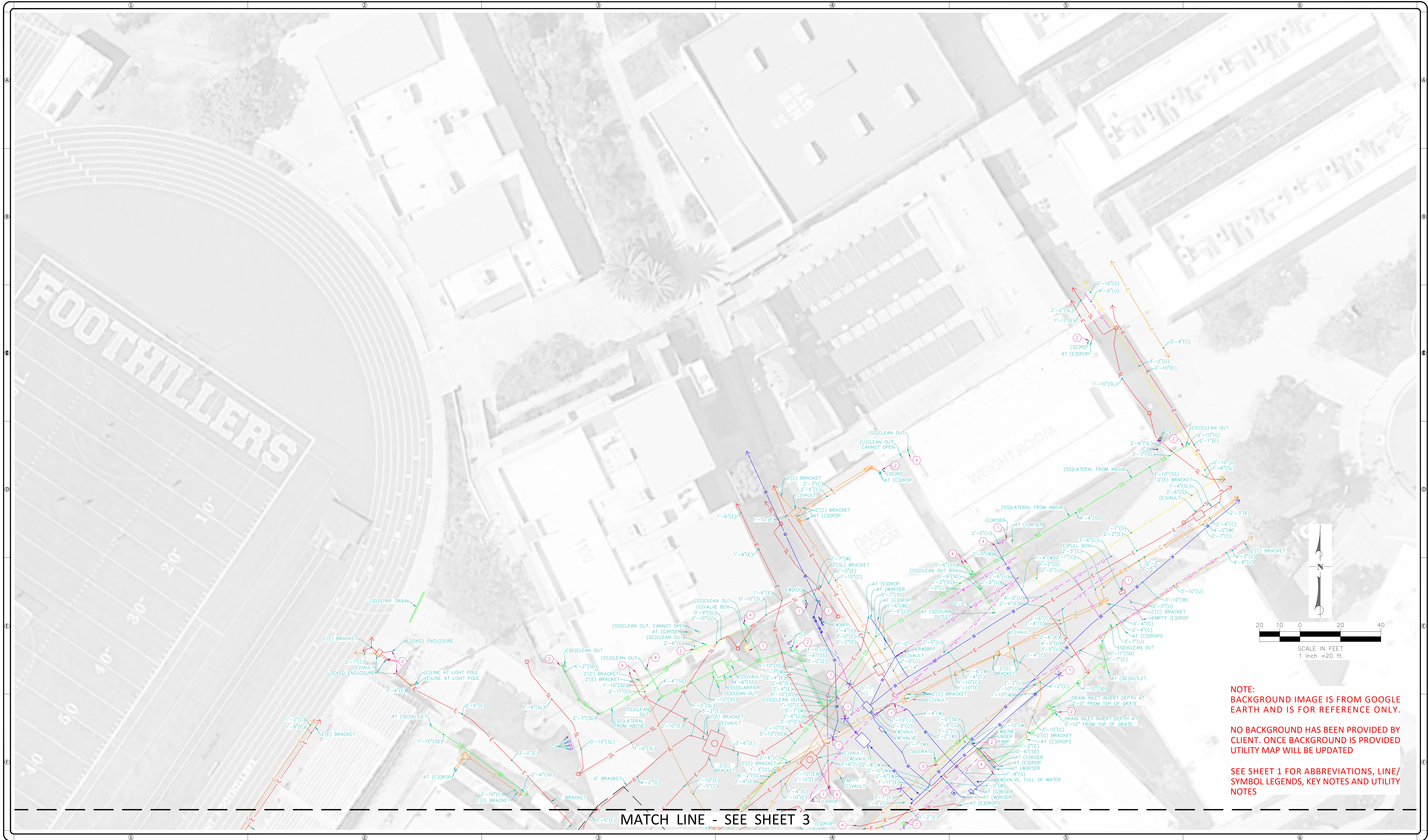
### REVISIONS

NO	DATE	BY	DESCRIPTION
1	04/25/22	OG	MAP WAS UPDATED WITH INFO. LOCATED ON APRIL 2022

DATE LOCATED: 2/2022  
DRAWN BY/DATE: LB 3/07/2022  
TECHNICIAN: G. DILLON  
CHECK BY/DATE: OG 3/09/2022  
QC CHECKED BY/DATE: COVER SHEET  
DRAWING NAME: COVER SHEET  
PROJECT NO: 22-4757  
SCALE: N.T.S.

SHEET 1 OF 3





NOTE:  
BACKGROUND IMAGE IS FROM GOOGLE  
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UTILITY MAP WILL BE UPDATED

SEE SHEET 1 FOR ABBREVIATIONS, LINE/  
SYMBOL LEGENDS, KEY NOTES AND UTILITY  
NOTES



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GROUND PENETRATING RADAR (GPR)  
UTILITY LOCATING  
RADIOGRAPHY  
POTHOLING  
MAPPING

NOTES: The services provided by C Below, Inc. do not relieve the Client and/or property owner of the responsibility of having to comply with California Government Code §54216-4216.9. It is expressly understood by the Client and/or owner that CBSI services are not a substitute for compliance with California Code §54216-4216.9.

PROJECT:  
PARTIAL UNDERGROUND UTILITY MAP FOR:  
GROSSMONT HIGH SCHOOL  
1100 MURRAY DRIVE  
EL CAJON, CA 92020

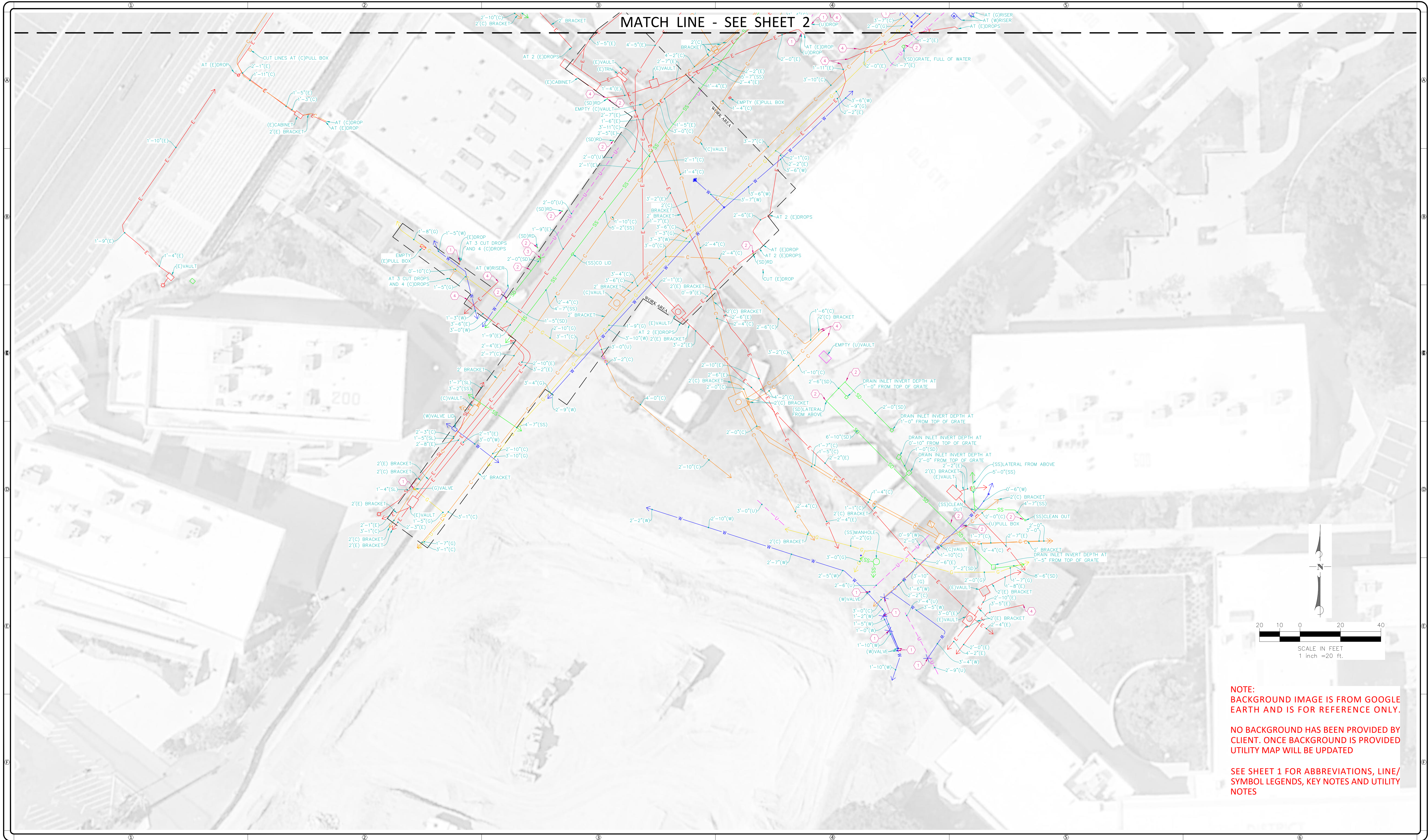
CLIENT:  
GROSSMONT UNION HIGH SCHOOL DISTRICT  
1100 MURRAY DRIVE  
EL CAJON, CA 92020

REVISIONS			
NO	DATE	BY	DESCRIPTION
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DATE LOCATED: 2/2022  
DRAWN BY/DATE: LB 3/07/2022  
TECHNICIAN  
CHECK BY/DATE: G. DILLON  
QC CHECKED BY/DATE: OG 3/09/2022  
DRAWING NAME: UTILITY MAP  
PROJECT NO: 22-4757  
SCALE: 1" = 20'

SHEET 2 OF 3





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PROJECT:  
PARTIAL UNDERGROUND UTILITY MAP FOR:  
GROSSMONT HIGH SCHOOL  
1100 MURRAY DRIVE  
EL CAJON, CA 92020

CLIENT:  
GROSSMONT UNION HIGH SCHOOL DISTRICT  
1100 MURRAY DRIVE  
EL CAJON, CA 92020

REVISIONS			
NO	DATE	BY	DESCRIPTION
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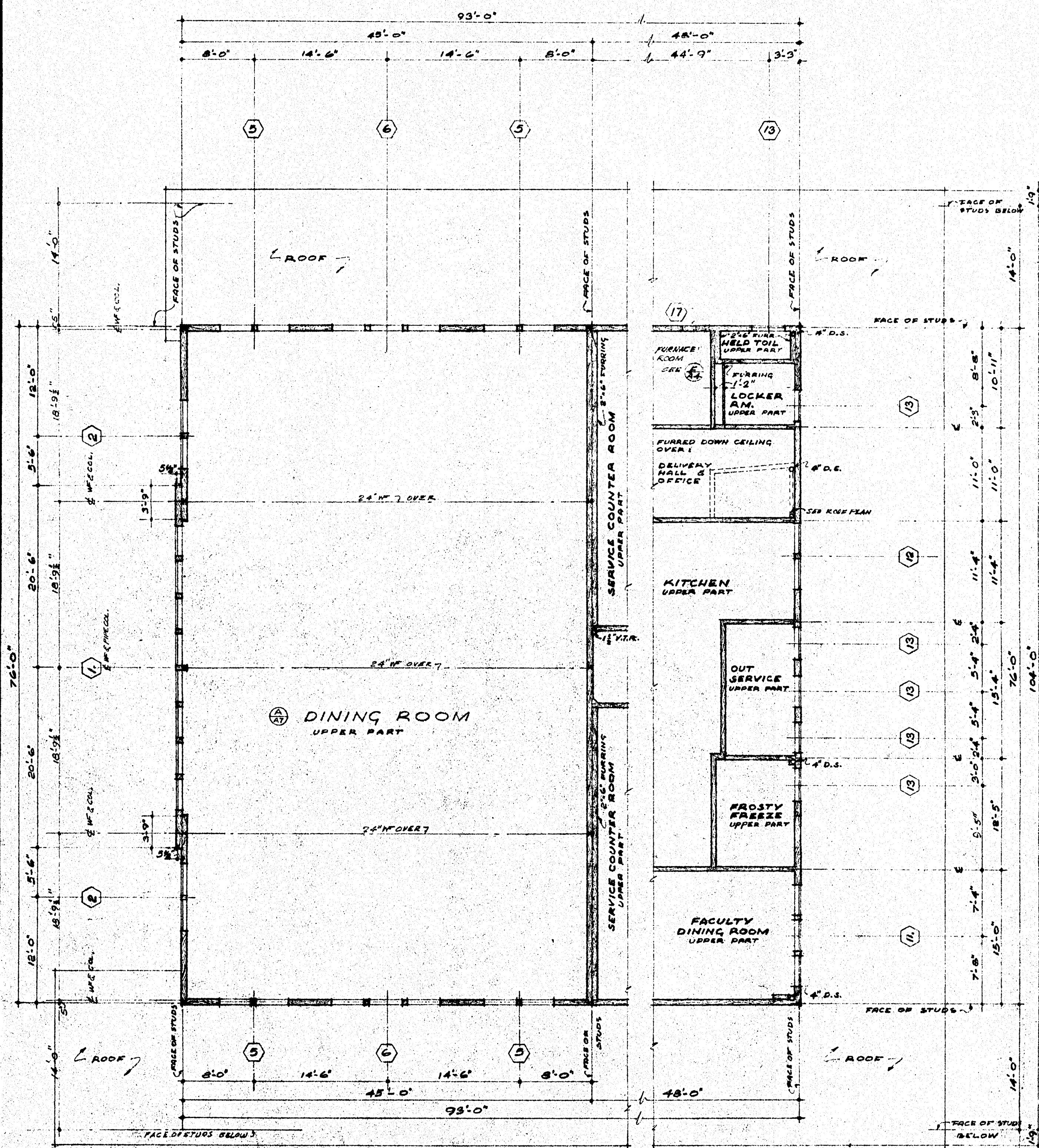
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TECHNICIAN: G. DILLON  
QC CHECKED BY/DATE: OG 3/09/2022  
DRAWING NAME: UTILITY MAP  
PROJECT NO: 22-4757  
SCALE: 1" = 20'

SHEET 3 OF 3



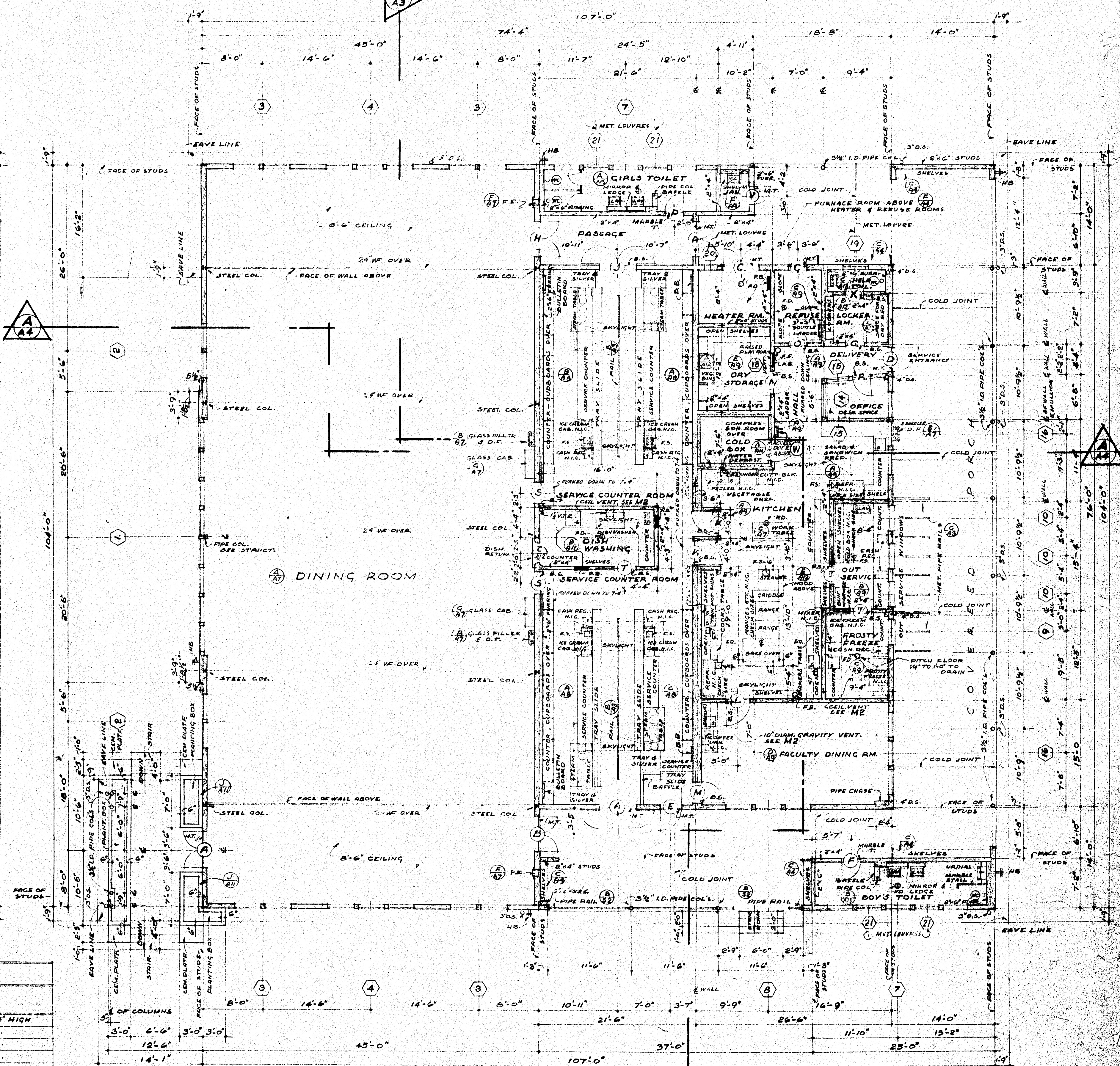
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CLERESTORY PLAN SCALE 1/8"=1'-0"

ROOM FINISH SCHEDULE									
ROOM	FLOOR		BASE		CEILING		WALL PAINTING		REMARKS
	CEM. ASPH. TERR.	TILE	CEM. WOOD TERR.	TILE	ROUGH GYP.	STUCCO	STUCCO	WAINSCOT	
DINING ROOM	•		•		•		•	•	WAINSCOT PAINTED 3'-6" HIGH
DO. LOW PART	•		•		•		•	•	DO. DO.
FACULTY DINING RM.	•		•		•		•	•	DO. DO.
PASSAGE	•		•		•		•	•	DO. DO.
SERVICE COUNTER RM.	•		•		•		•	•	WAINSCOT PAINTED, 7'-3/4"
DISH WASHING	•		•		•		•	•	
KITCHEN	•		•		•		•	•	
PROSTY BARBER	•		•		•		•	•	TILE WAINSCOT 3'-6" HIGH
OUT SERVICE	•		•		•		•	•	
OFFICE	•		•		•		•	•	
COLD BOX	•		•		•		•	•	
DRY STORAGE	•		•		•		•	•	
HALL & DELIVERY	•		•		•		•	•	
HEATER RM.	•		•		•		•	•	
REFUSE RM.	•		•		•		•	•	
LOCKER ROOM	•		•		•		•	•	
HELP'S TOIL.	•		•		•		•	•	
BOY'S TOIL.	•		•		•		•	•	TILE WAINSCOT 6'-0" HIGH
GIRL'S TOIL.	•		•		•		•	•	DO. DO.
JANITORS RM.	•		•		•		•	•	



FLOOR PLAN SCALE 1/8"=1'-0"

NOTES:  
ALL WALL STUDS SHALL BE 8"x6" UNLESS OTHERWISE NOTED  
SEE SHEET 59 FOR ABERRATIONS

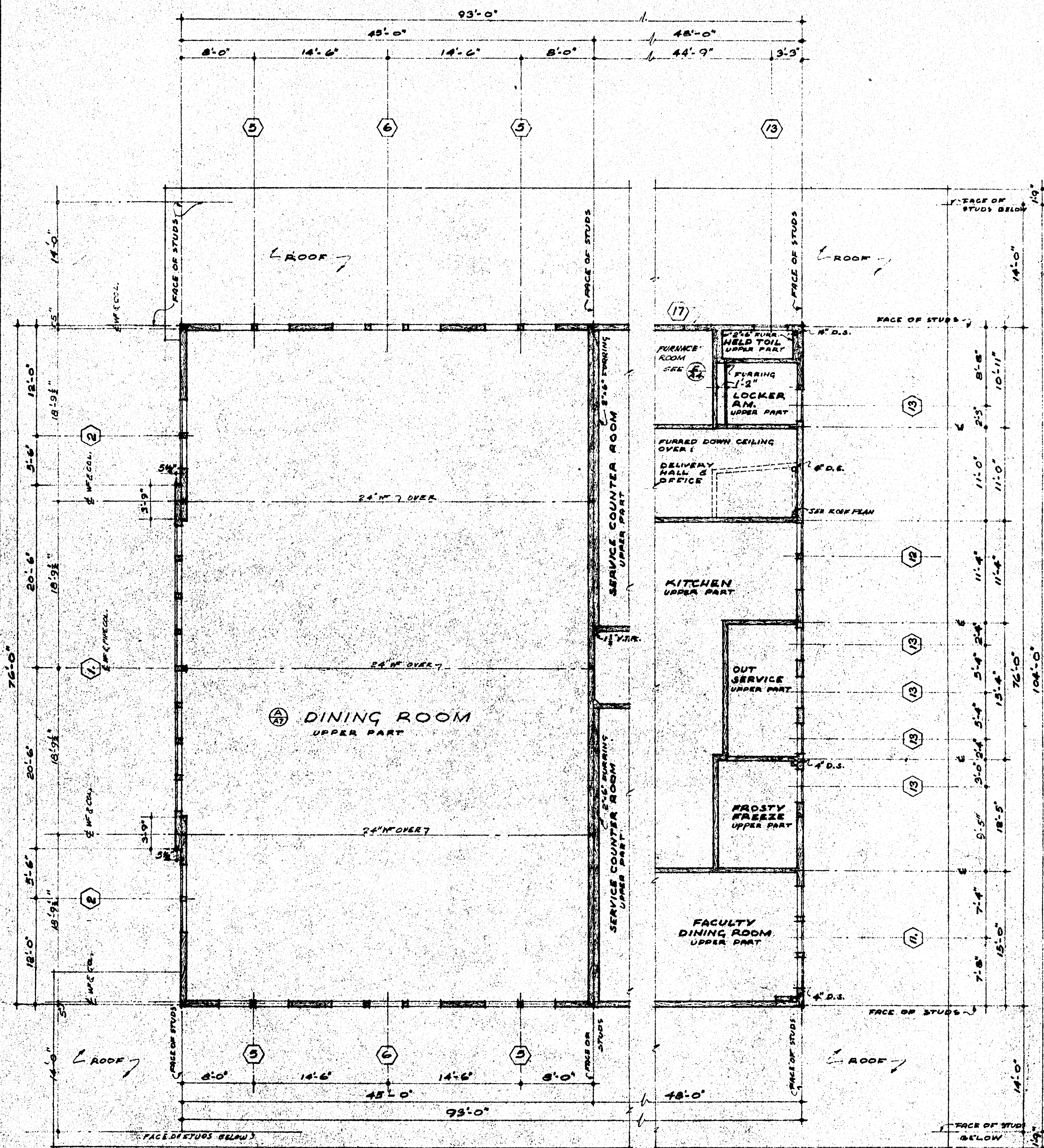
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OFFICE OF THE SUPERVISOR OF SCHOOLS  
SAN DIEGO COUNTY, CALIFORNIA  
FEB 2 1949

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BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_

3-8-52  
7694 Harry M. O'Brien  
ARCHITECT

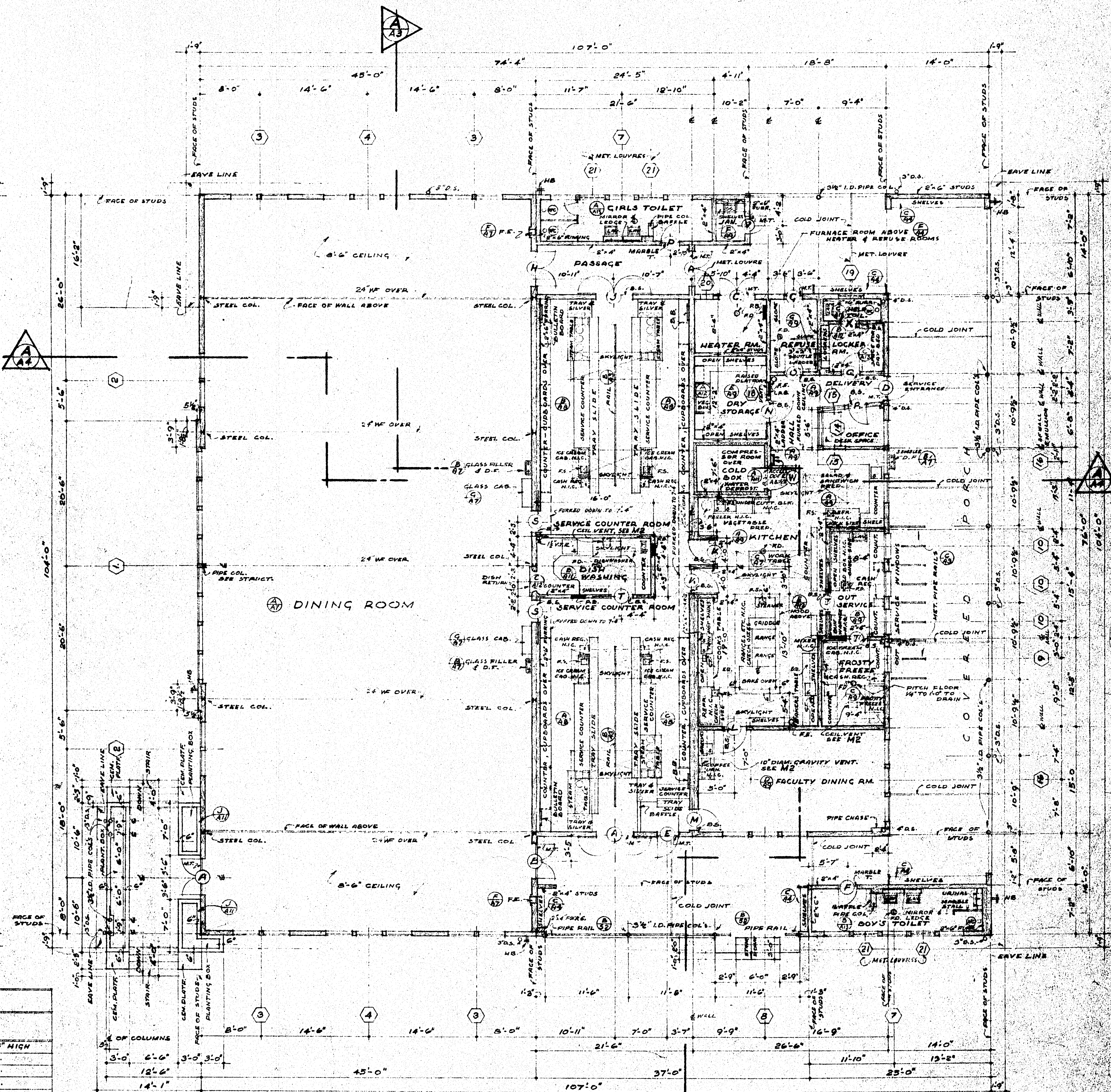
CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB  
CLERESTORY & FLOOR PLANS  
CAFETERIA BUILDING  
FOR  
GROSSMONT UNION HIGH SCHOOL DISTRICT  
SAN DIEGO COUNTY, CALIFORNIA  
KISTNER, CURTIS & WRIGHT  
ARCHITECTS AND ENGINEERS





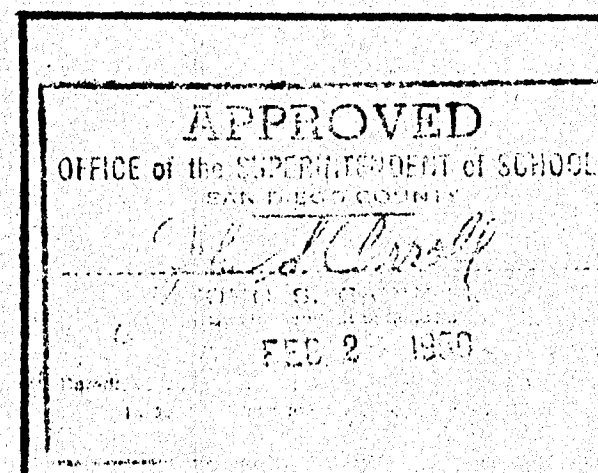
CLERESTORY PLAN SCALE 1/8"=1'-0"

ROOM	FLOOR	BASE	WALL	CEILING	PAINTING	ENAMEL	REMARKS
DINING ROOM	•	•	•	•	•	•	WAINSCOT PAINTED 3'-4" HIGH
DO. LOW PART	•	•	•	•	•	•	DO. DO.
FACULTY DINING RM.	•	•	•	•	•	•	DO. DO.
PASSAGE	•	•	•	•	•	•	DO. DO.
SERVICE COUNTER RM.	•	•	•	•	•	•	WAINSCOT PAINTED 7'-3 1/2"
DISH WASHING	•	•	•	•	•	•	
KITCHEN	•	•	•	•	•	•	
FRAGSTY BARBER	•	•	•	•	•	•	TILE WAINSCOT 3'-6" HIGH
OUT SERVICE	•	•	•	•	•	•	
OFFICE	•	•	•	•	•	•	
COLD BOX	•	•	•	•	•	•	
DAY STORAGE	•	•	•	•	•	•	
HALL & DELIVERY	•	•	•	•	•	•	
HEATER RM.	•	•	•	•	•	•	
REFUSE RM.	•	•	•	•	•	•	
LOCKER ROOM	•	•	•	•	•	•	
HELP'S TOIL.	•	•	•	•	•	•	
BOY'S TOIL	•	•	•	•	•	•	TILE WAINSCOT 6'-0" HIGH
GIRL'S TOIL	•	•	•	•	•	•	DO. DO.
JANITORS RM.	•	•	•	•	•	•	



FLOOR PLAN SCALE 1/8"=1'-0"

NOTES:  
ALL WALL STUDS SHALL BE 8"x6" UNLESS OTHERWISE NOTED  
SEE SHEET 59 FOR ABBREVIATIONS

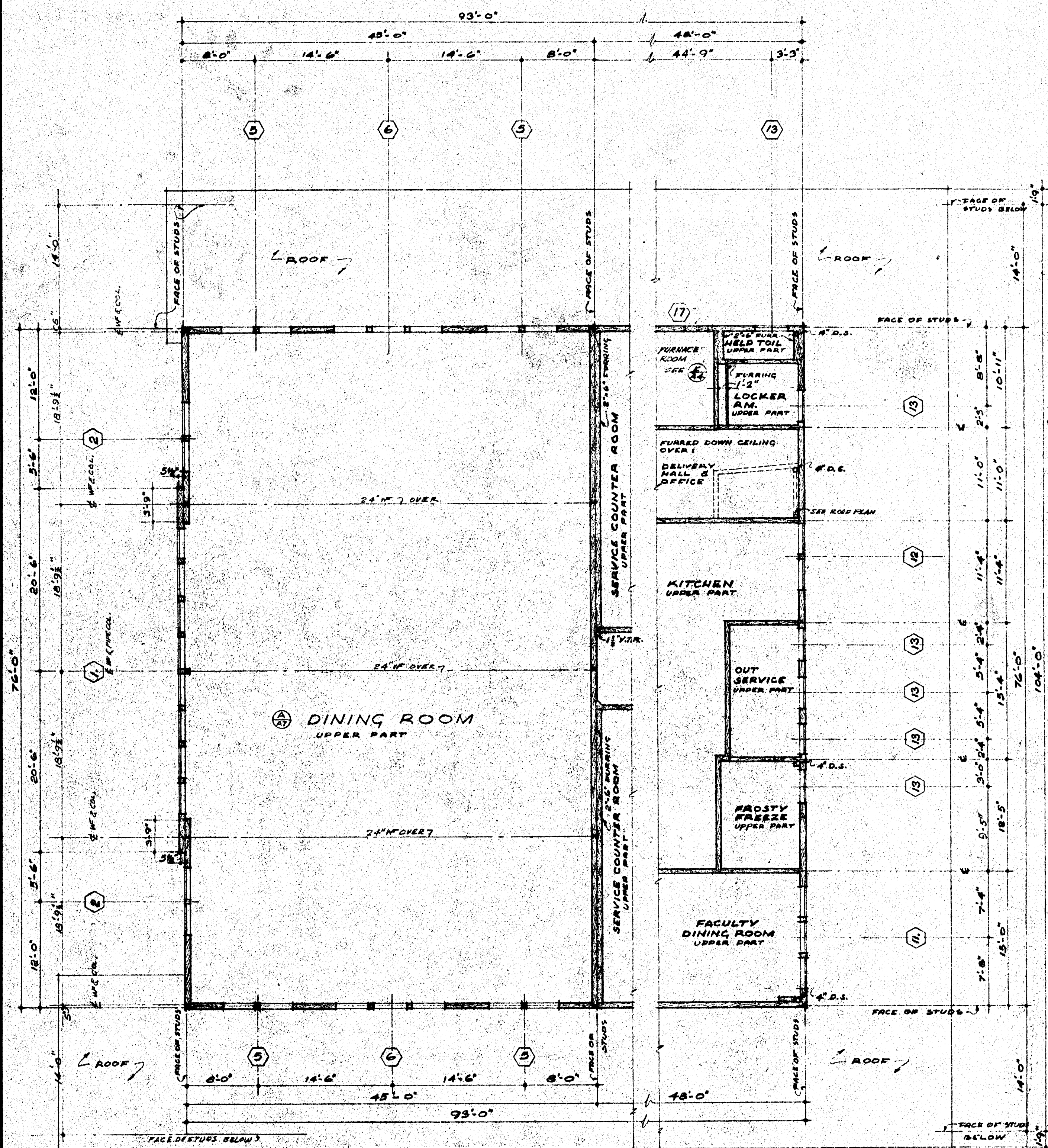


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BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_

3-8-50  
7694 Harry M. Bolin  
ARCHITECT

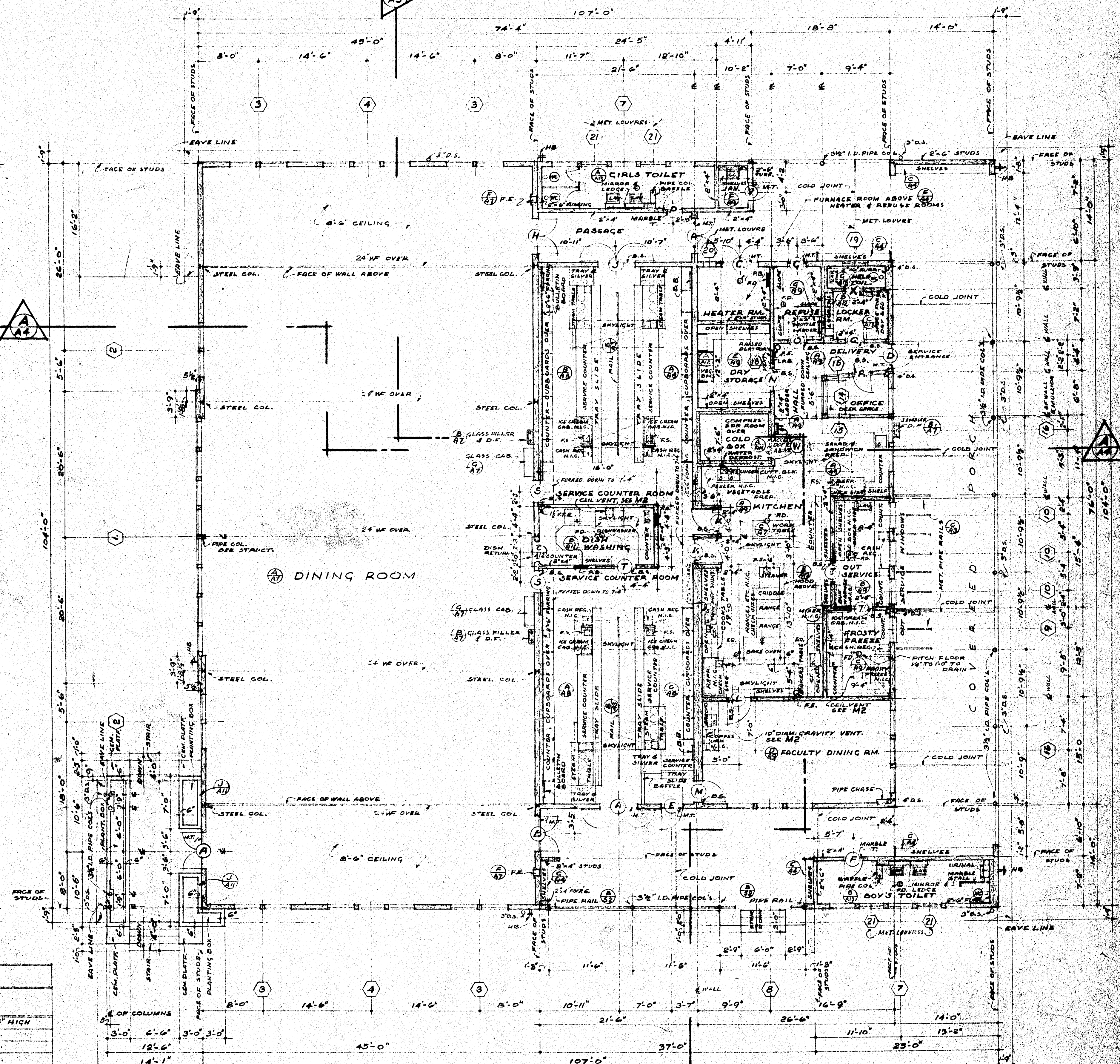
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CAFETERIA BUILDING  
FOR  
GROSSMONT UNION HIGH SCHOOL DISTRICT  
SAN DIEGO COUNTY, CALIFORNIA  
KISTNER, CURTIS & WRIGHT  
ARCHITECTS AND ENGINEERS  
SAN DIEGO, CALIF.





CLERESTORY PLAN SCALE 1/8"=1'-0"

ROOM	FLOOR	BASE	CEILING	WALL	PAINTING	REMARKS
DINING ROOM	•	•	•	•	•	WAINSCOT PAINTED 3'-6" HIGH
DO. LOW PART	•	•	•	•	•	DO. DO.
FACULTY DINING RM.	•	•	•	•	•	DO. DO.
PASSAGE	•	•	•	•	•	DO. DO.
SERVICE COUNTER RM.	•	•	•	•	•	WAINSCOT PAINTED 7'-3 1/4"
DISH WASHING	•	•	•	•	•	DO. DO.
KITCHEN	•	•	•	•	•	DO. DO.
FRASSTY FREEZE	•	•	•	•	•	TILE WAINSCOT 3'-6" HIGH
OUT SERVICE	•	•	•	•	•	DO. DO.
OFFICE	•	•	•	•	•	DO. DO.
COLD BOX	•	•	•	•	•	DO. DO.
DRY STORAGE	•	•	•	•	•	DO. DO.
HALL & DELIVERY	•	•	•	•	•	DO. DO.
HEATER RM.	•	•	•	•	•	DO. DO.
REFUSE RM.	•	•	•	•	•	DO. DO.
LOCKER ROOM	•	•	•	•	•	DO. DO.
HELP'S TOIL.	•	•	•	•	•	DO. DO.
BOY'S TOIL	•	•	•	•	•	TILE WAINSCOT 6'-0" HIGH
GIRL'S TOIL	•	•	•	•	•	DO. DO.
JANITORS RM.	•	•	•	•	•	DO. DO.



FLOOR PLAN SCALE 1/8"=1'-0"

NOTES:  
ALL WALL STUDS SHALL BE 2"x6" UNLESS OTHERWISE NOTED  
SEE SHEET 59 FOR ABBREVIATIONS

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SAN DIEGO COUNTY  
FEB 2 1949

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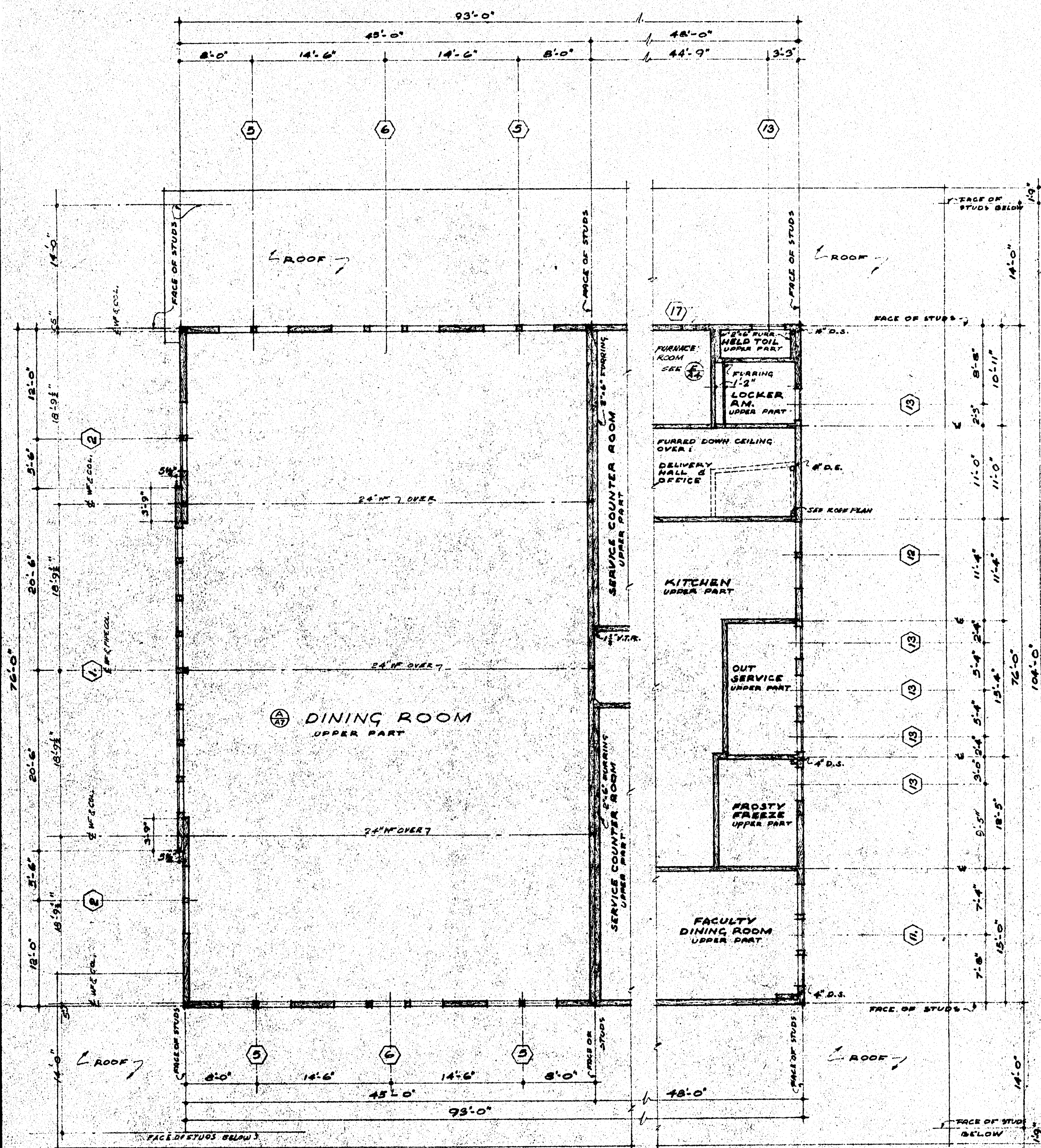
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BY  
BY  
BY  
BY

7694 Harry M. Bolen

ARCHITECT

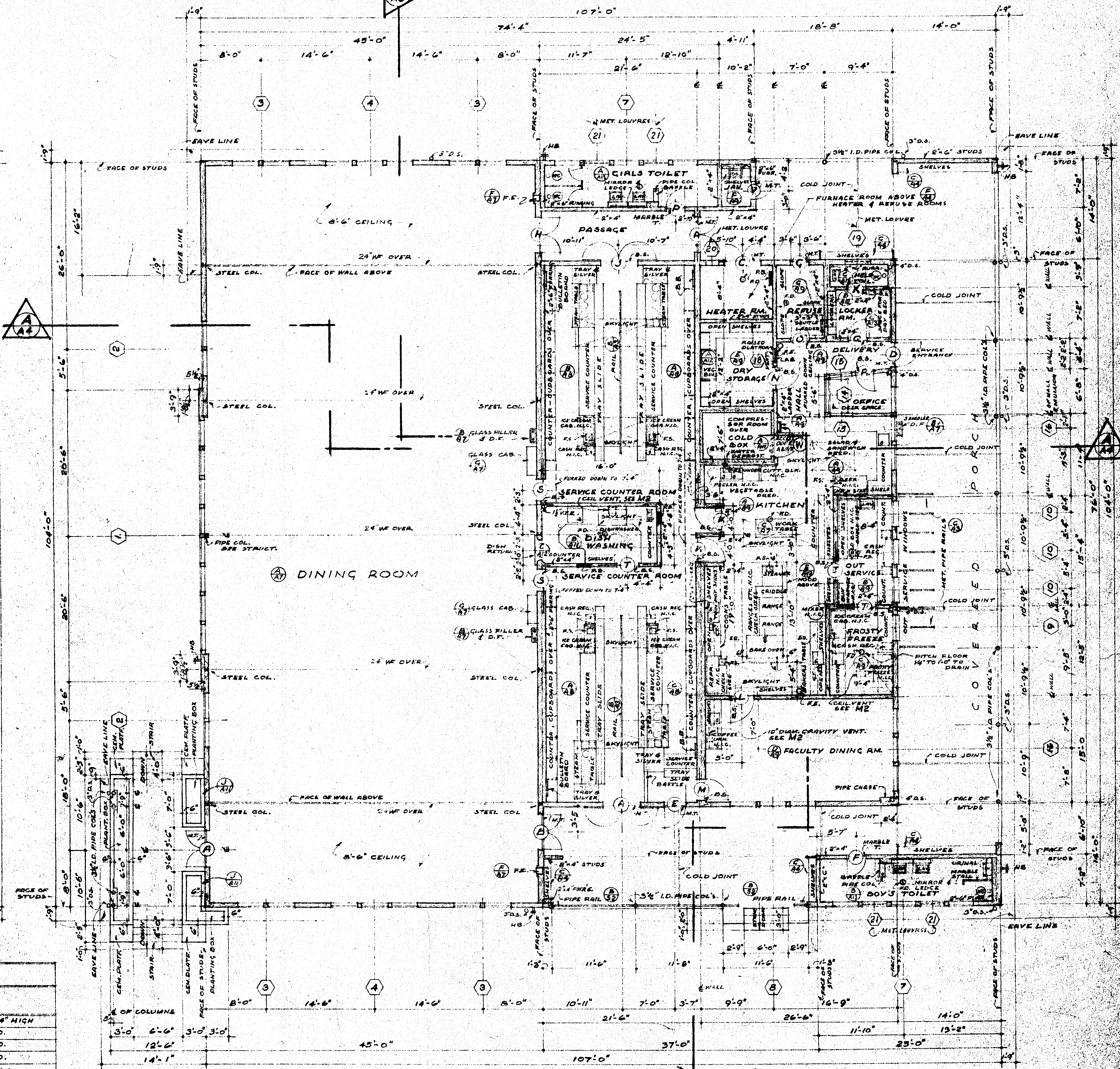
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SAN DIEGO COUNTY, CALIFORNIA  
KISTNER, CURTIS & WRIGHT  
ARCHITECTS AND ENGINEERS





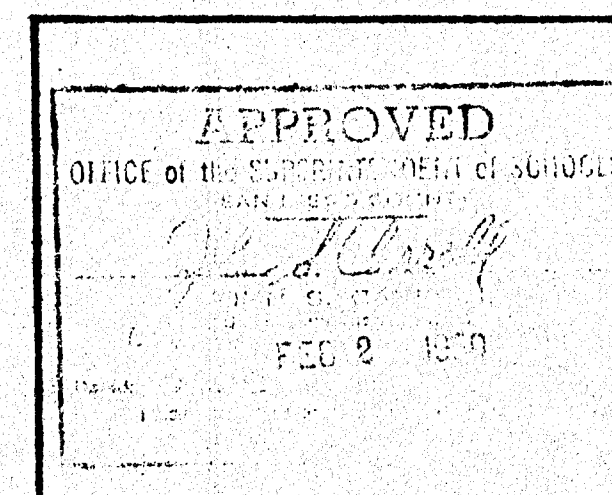
CLERESTORY PLAN SCALE 1/8"=1'-0"

ROOM FINISH SCHEDULE													
	FLOOR			BASE			ROUGH	CEILING	WALL	PAINTING, ENAMEL			REMARKS
	CEM.	ASPH.	TERRA TILE	CEM.	WOOD	TERRA TILE	STUCCO	STUCCO	STUCCO	WALLS	CEILG.	WAINSCOT	
DINING ROOM	5	•			•		18'-0"	•	•		•	•	WAINSCOT PAINTED 3'-4" HIGH
DO. LOW PART					•		8'-6"			•	•	•	DO. DO.
FACULTY DINING RM.					•		12'-6"		•		•	•	DO. DO.
PASSAGE		•			•		8'-0"		•		•	•	DO. DO.
SERVICE COUNTER RM.			•			•	12'-6"		•		•	•	WAINSCOT PAINTED 7'-3 1/4"
DISH WASHING							18'-6"	•		•		•	
KITCHEN					•		12'-6"	•		•	•	•	
FRIGIDY FREEZER					•		12'-6"		•	•	•	T. •	TILE WAINSCOT 3'-6" HIGH
OUT SERVICE					•		12'-6"		•	•	•	•	
OFFICE			•			•	8'-0"					•	
COLD BOX	•				•		8'-0"						
DAY STORAGE	•				•		12'-6"	•		•		•	
HALL & DELIVERY			•			•	8'-6"			•	•	•	
HEATER RM.	•				•		8'-6"		•				
REFUSE RM.	•				•		8'-6"	•		•	•	•	
LOCKER ROOM						•	12'-6"		•				
HELP'S TOIL.			•			•	12'-6"		•	•	•	•	
BOY'S TOIL				•		•	8'-6"	•		•	•	T. •	TILE WAINSCOT 6'-0" HIGH
GIRL'S TOIL					•	•	8'-6"			•	•	T. •	DO. DO.
JANITORS RM.	•				•		8'-6"		•			•	



FLOOR PLAN SCALE 1/8"=1'-0"

NOTES:  
ALL WALL STUDS SHALL BE 2"x6" UNLESS OTHERWISE NOTED  
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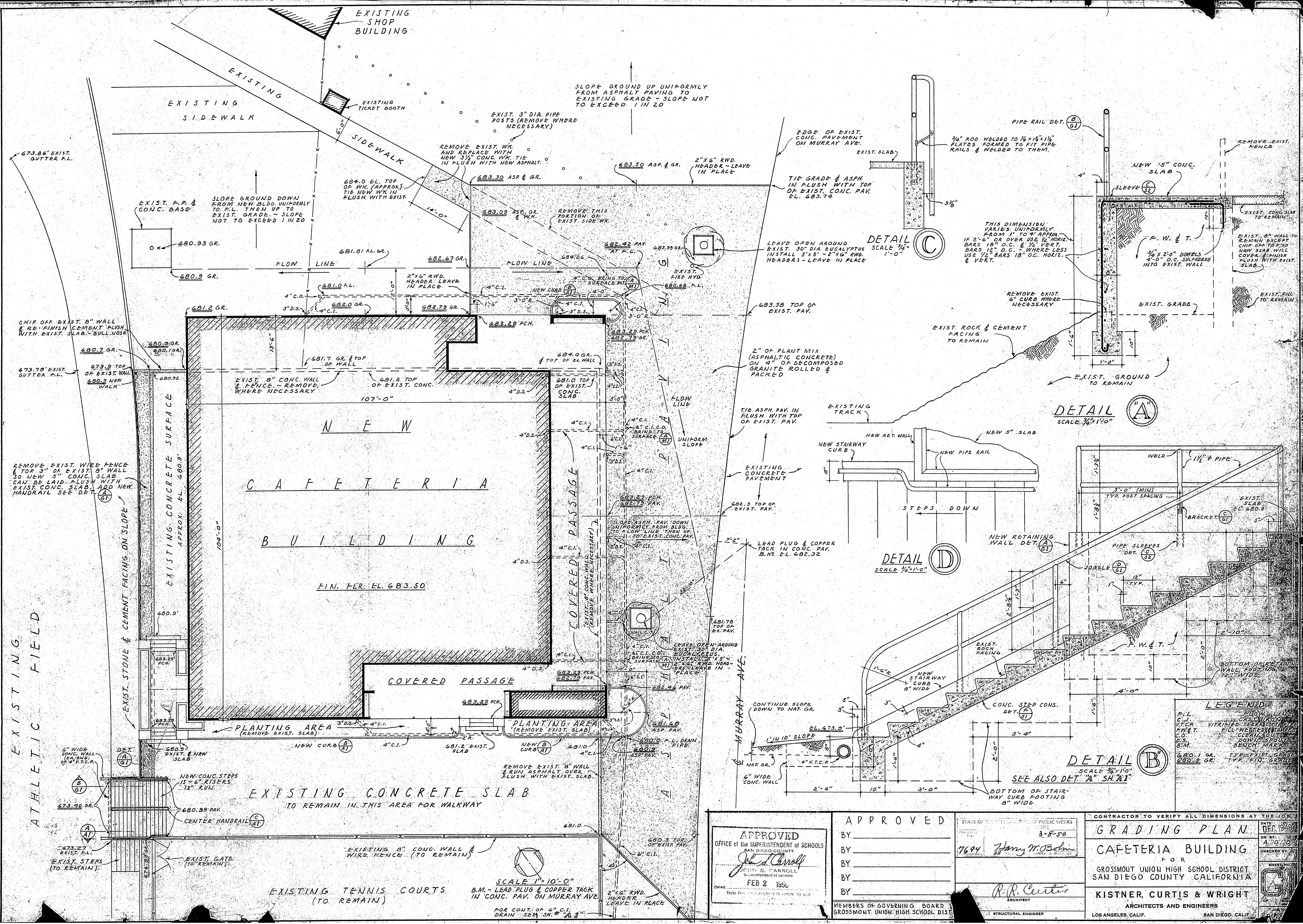


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BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_

3-8-50  
7694 Harry M. Bolin  
J. H. Carter  
ARCHITECT

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB  
CLERESTORY & FLOOR PLANS  
CAFETERIA BUILDING  
FOR  
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KISTNER, CURTIS & WRIGHT  
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SAN DIEGO, CALIF.



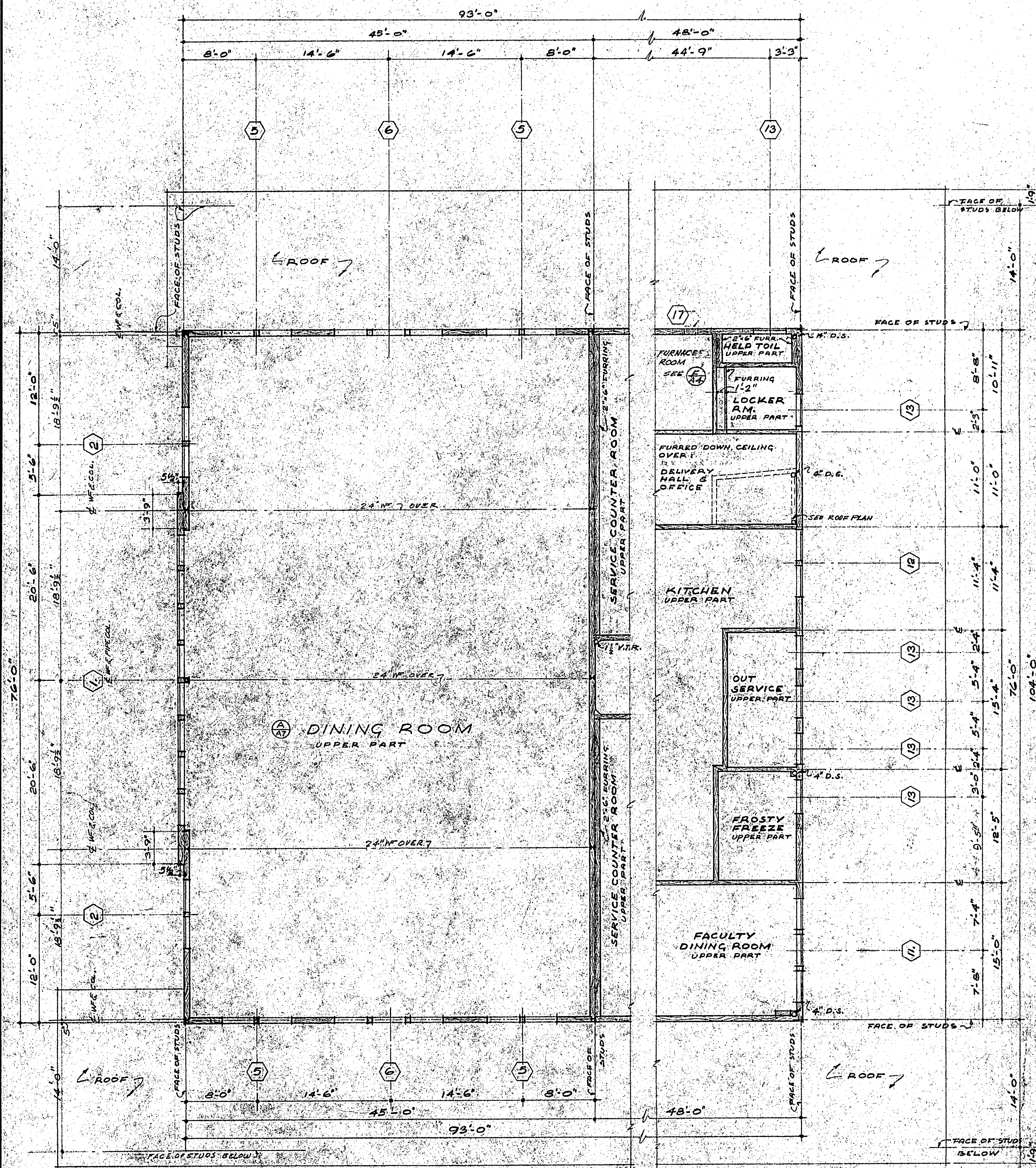


<b>APPROVED</b> OFFICE OF THE SUPERINTENDENT OF SCHOOLS SAN DIEGO COUNTY <i>John B. Carroll</i> Superintendent of Schools FEB 2 1950	<b>APPROVED</b>		<b>CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB</b> <b>GRADING PLAN</b> <b>CAFETERIA BUILDING</b> FOR GROSSMONT UNION HIGH SCHOOL DISTRICT SAN DIEGO COUNTY CALIFORNIA <b>KISTNER, CURTIS &amp; WRIGHT</b> ARCHITECTS AND ENGINEERS LOS ANGELES, CALIF.      SAN DIEGO, CALIF.
	BY _____	DATE _____	
	BY _____	DATE _____	
	BY _____	DATE _____	
	BY _____	DATE _____	
MEMBERS OF GOVERNING BOARD GROSSMONT UNION HIGH SCHOOL DISTRICT		STRUCTURAL ENGINEER	



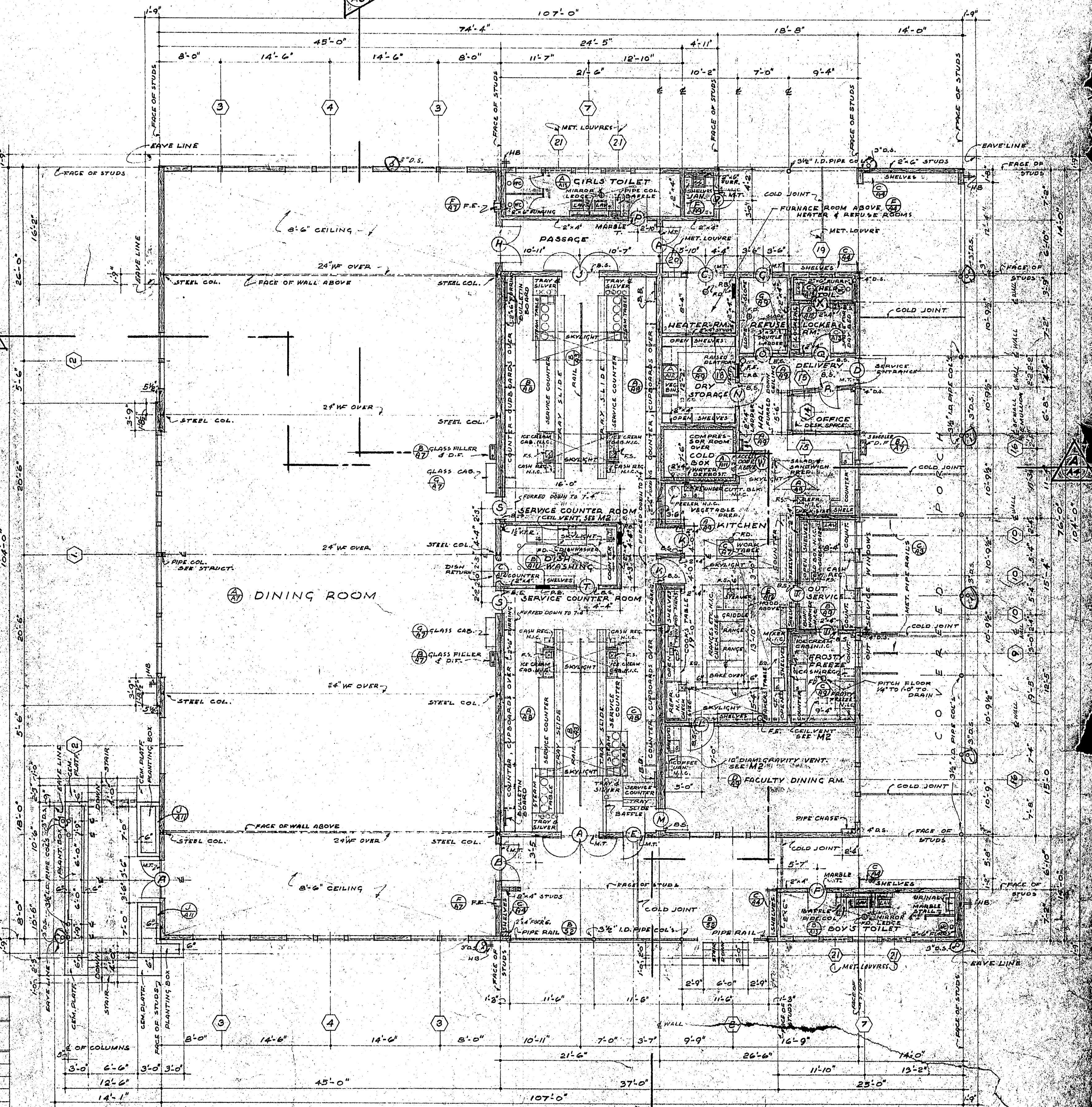






CLERESTORY PLAN SCALE 1/8"=1'-0"

FLOOR	BASE	ROOF	CEILING	WALL	PAINTING	ENAMEL	REMARKS
DINING ROOM	CEM. ASPH. TERR. TILE	CEM. WOOD TERR. TILE	14'-0"	14'-0"	14'-0"	14'-0"	WAINSCOT PAINTED 3'-4" HIGH
DINING ROOM	•	•	•	•	•	•	DO. DO. DO.
FACULTY DINING RM.	•	•	•	•	•	•	DO. DO. DO.
PASSAGE	•	•	•	•	•	•	DO. DO. DO.
SERVICE COUNTER RM.	•	•	•	•	•	•	WAINSCOT PAINTED 7'-3 1/4"
DISH WASHING	•	•	•	•	•	•	DO. DO. DO.
KITCHEN	•	•	•	•	•	•	DO. DO. DO.
FROSTY FREEZE	•	•	•	•	•	•	DO. DO. DO.
OUT SERVICE	•	•	•	•	•	•	DO. DO. DO.
OFFICE	•	•	•	•	•	•	DO. DO. DO.
COLD BOX	•	•	•	•	•	•	DO. DO. DO.
DRY STORAGE	•	•	•	•	•	•	DO. DO. DO.
HALL & DELIVERY	•	•	•	•	•	•	DO. DO. DO.
HEATER RM.	•	•	•	•	•	•	DO. DO. DO.
REFUSE RM.	•	•	•	•	•	•	DO. DO. DO.
LOCKER ROOM	•	•	•	•	•	•	DO. DO. DO.
HELP'S TOIL.	•	•	•	•	•	•	TILE WAINSCOT 6'-0" HIGH
BOY'S TOIL.	•	•	•	•	•	•	DO. DO. DO.
GIRL'S TOIL.	•	•	•	•	•	•	DO. DO. DO.
JANITORS RM.	•	•	•	•	•	•	DO. DO. DO.



FLOOR PLAN SCALE 1/8"=1'-0"

NOTES:  
ALL WALL STUDS SHALL BE 2"x6" UNLESS OTHERWISE NOTED  
SEE SHEET 39 FOR ABBREVIATIONS.

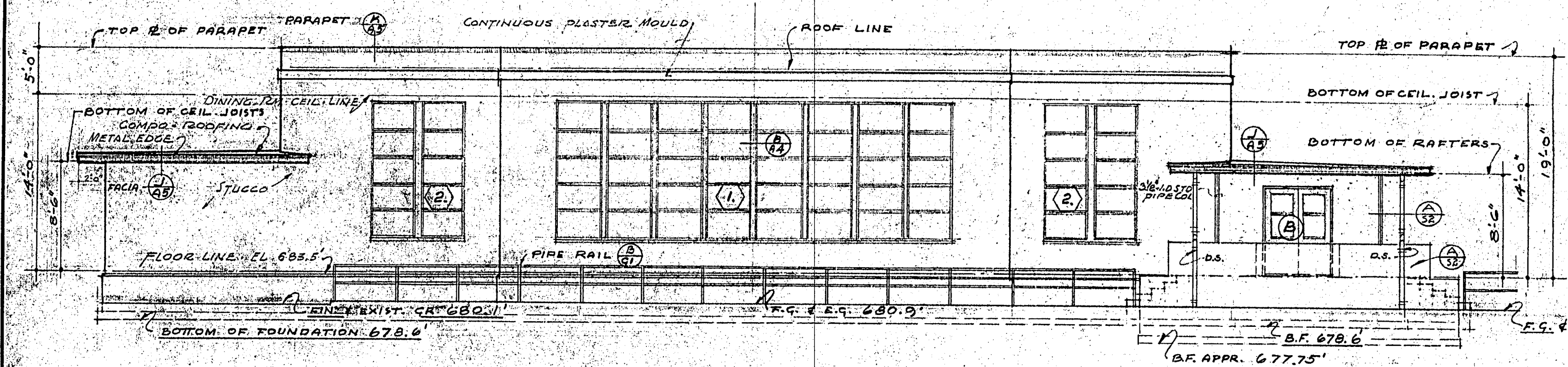
APPROVED  
OFFICE OF THE SUPERINTENDENT OF SCHOOLS  
SAN DIEGO COUNTY  
JOHN S. CARROLL  
FEB 2 1950

APPROVED  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
MEMBERS OF GOVERNING BOARD  
GROSSMONT UNION HIGH SCHOOL DIST

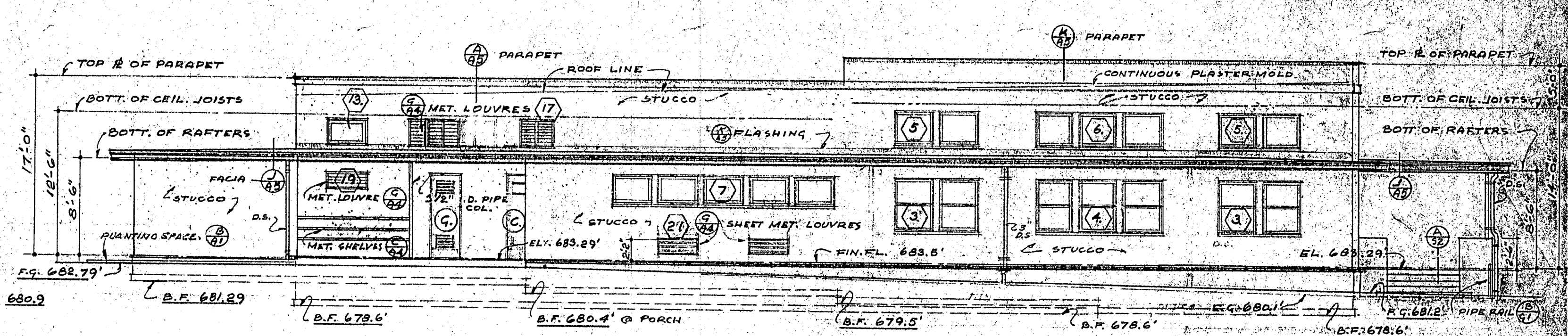
3-18-50  
HARRY M. CURTIS  
ARCHITECT  
STRUCTURAL ENGINEER

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB  
CLERESTORY & FLOOR PLANS  
CAFETERIA BUILDING  
FOR  
GROSSMONT UNION HIGH SCHOOL DISTRICT  
SAN DIEGO COUNTY, CALIFORNIA  
KISTNER, CURTIS & WRIGHT  
ARCHITECTS AND ENGINEERS  
LOS ANGELES, CALIF. SAN DIEGO, CALIF.

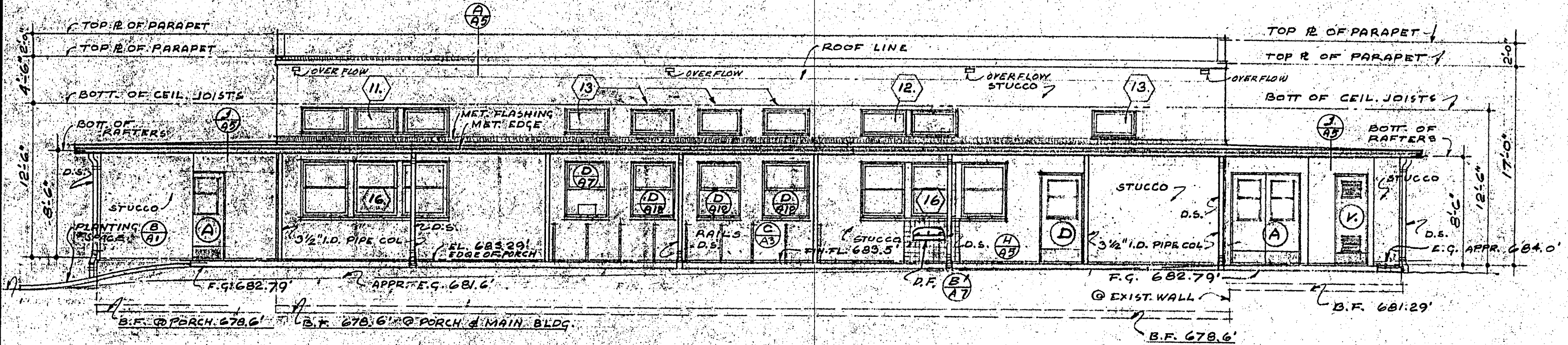




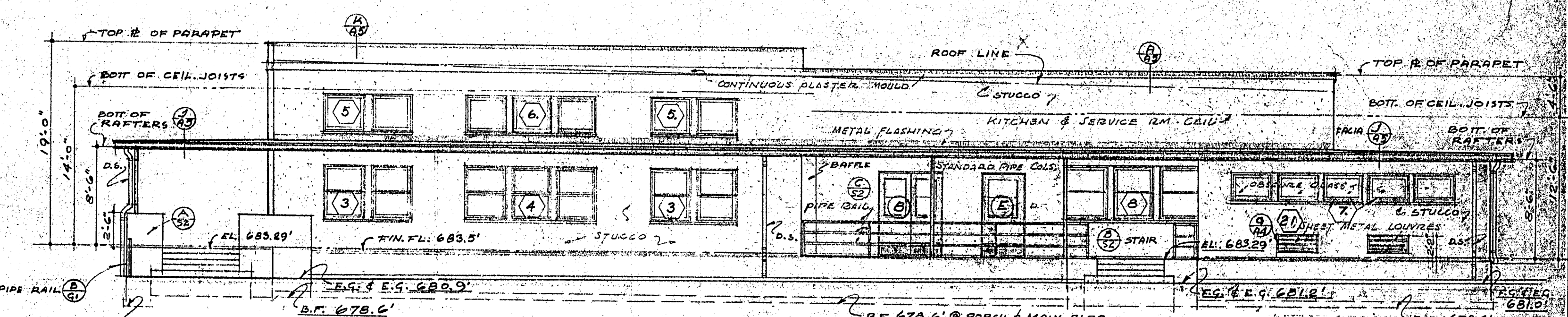
WEST ELEVATION  
SCALE 1/8" = 1'-0"



NORTH ELEVATION  
SCALE 1/8" = 1'-0"

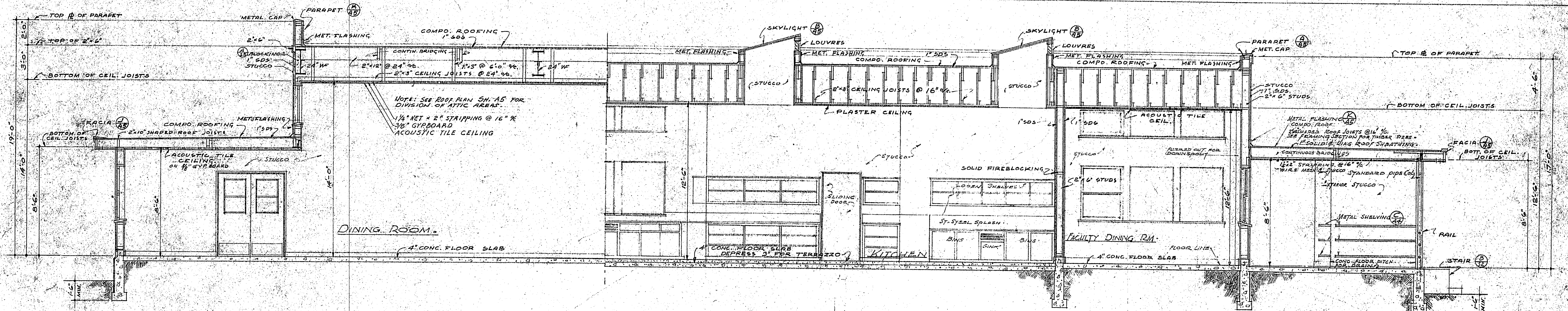


EAST ELEVATION  
SCALE 1/8" = 1'-0"

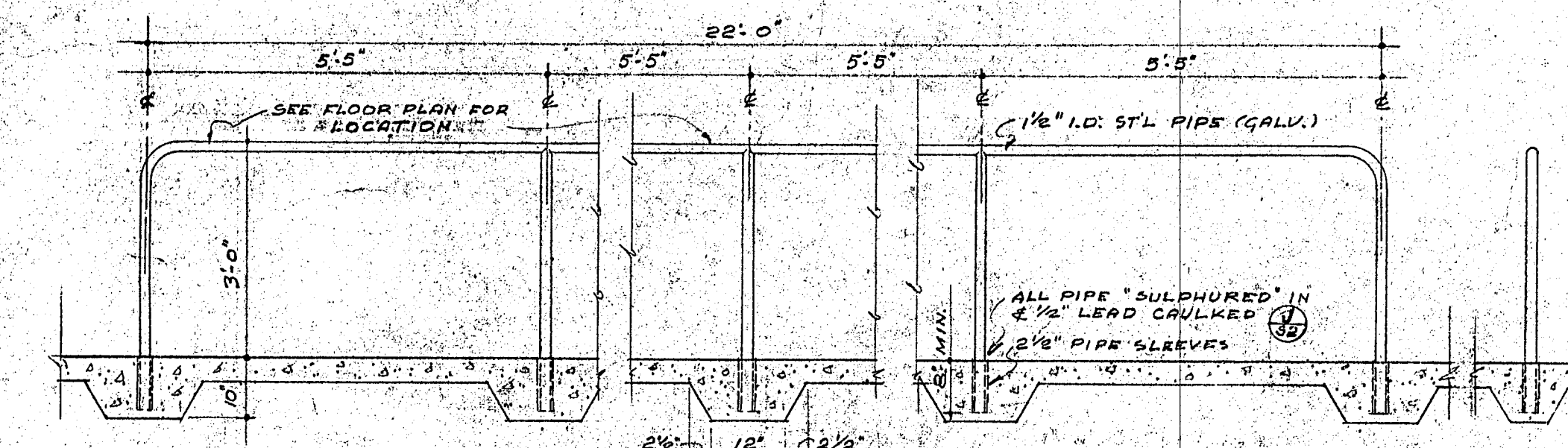


SOUTH ELEVATION  
SCALE 1/8" = 1'-0"

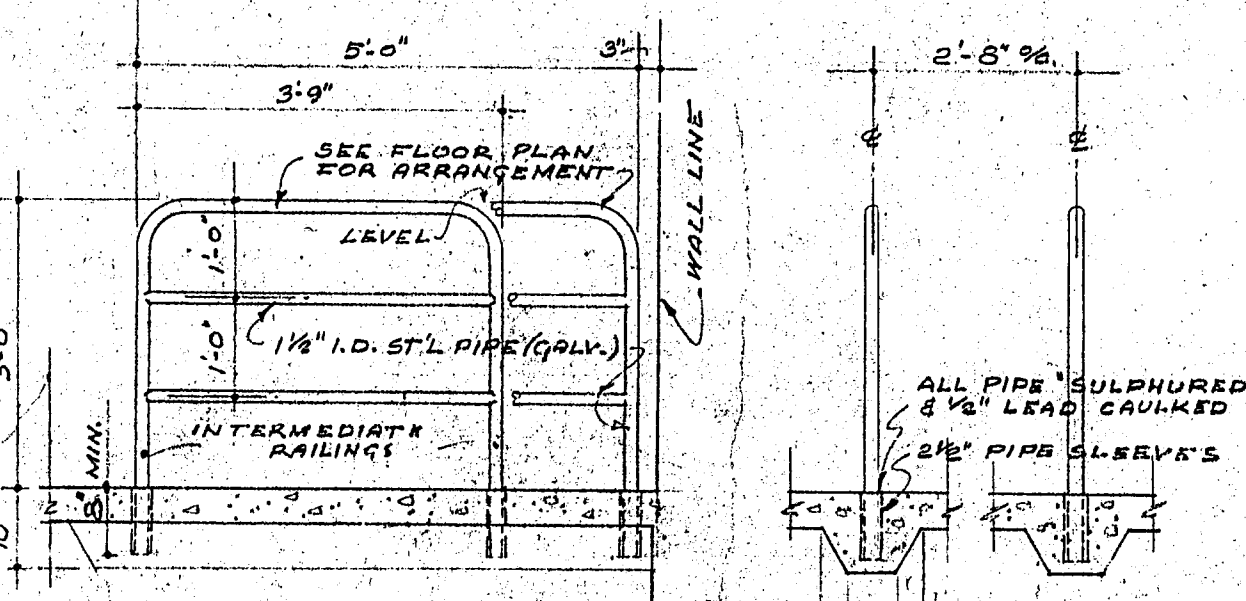
LEGEND  
F.G. = FIN. GRADE  
E.G. = EXIST. GRADE  
EL. = ELEVATION  
B.F. = BOTTOM OF FOUNDATION



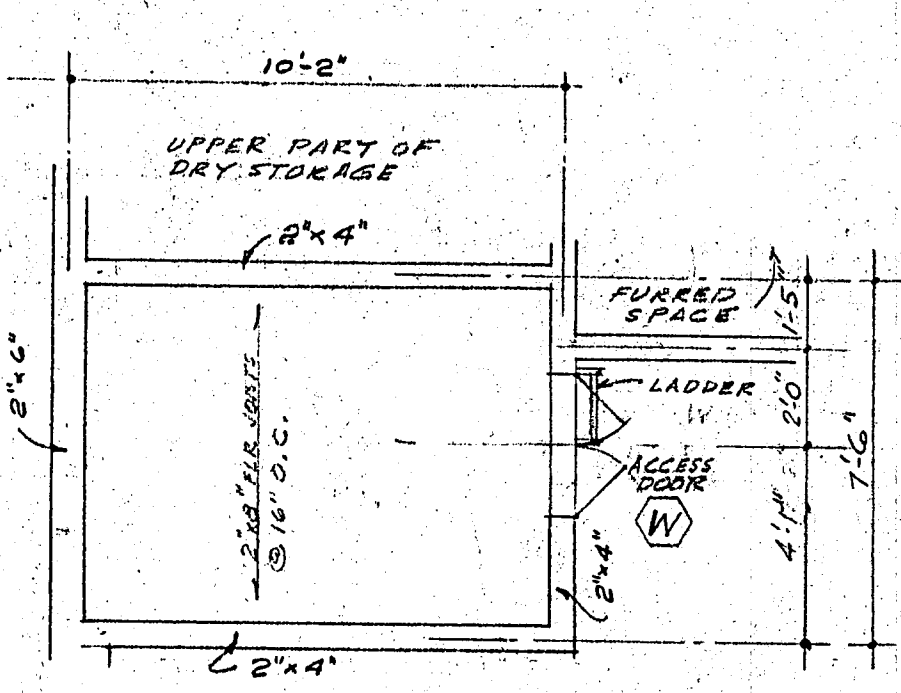
LONGITUDINAL SECTION  
SCALE 1/4" = 1'-0"



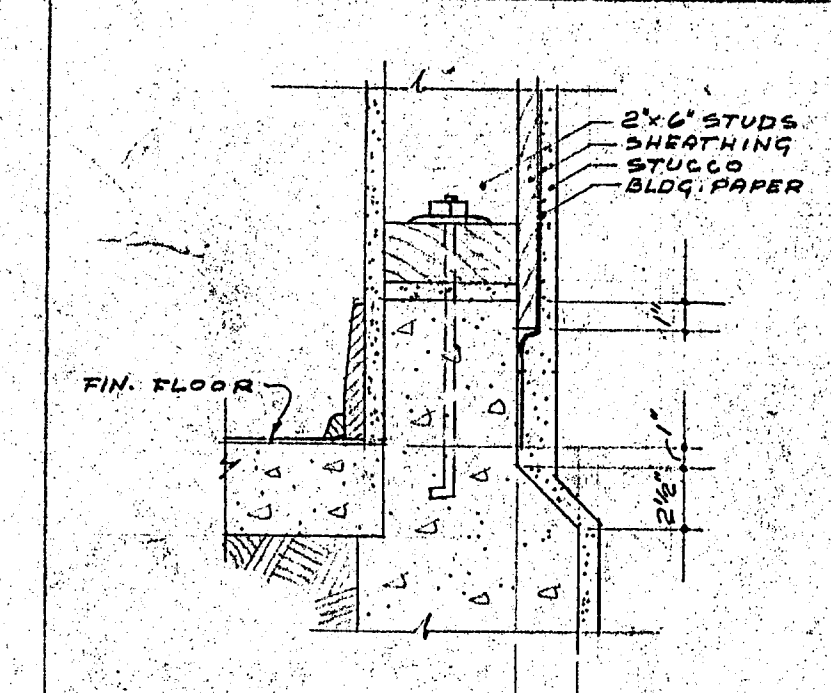
PIPE RAILING IN COUNTER SERVICE ROOM SCALE 1/2" = 1'-0"



PIPE RAILING AT OUT SERVICE SCALE 1/2" = 1'-0"



PLAN  
COMPRESSOR ROOM  
1/4" = 1'-0"



WATER TABLE DETAIL  
1 1/2" = 1'-0"

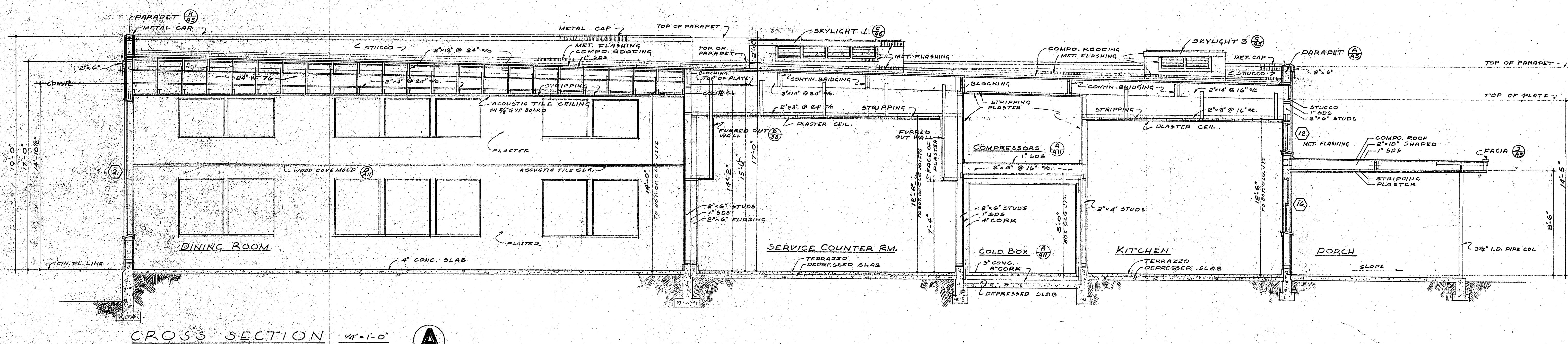
APPROVED  
OFFICE OF THE SUPERINTENDENT OF SCHOOLS  
SAN DIEGO COUNTY  
JOHN E. CARROLL  
Superintendent of Schools  
FEB 2 1950

APPROVED  
BY  
BY  
BY  
BY  
BY

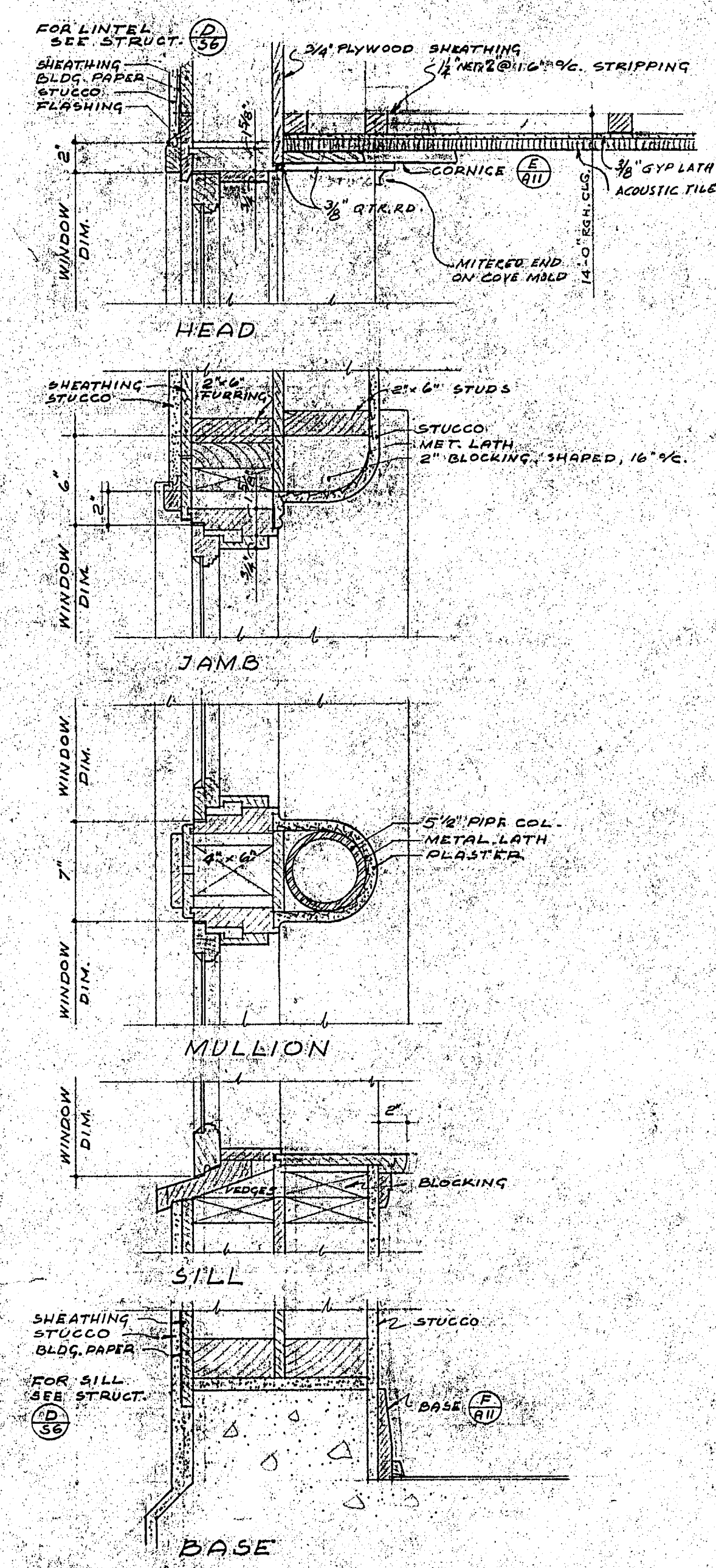
STATE OF CALIFORNIA  
JAN 10 1950  
7694  
Harry M. Bolin  
Architect

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB  
EXTERIOR ELEVATIONS & LONG. SECTION  
CAFETERIA BUILDING  
FOR  
GROSSMONT UNION HIGH SCHOOL DISTRICT  
SAN DIEGO COUNTY, CALIFORNIA  
KISTNER CURTIS & WRIGHT  
ARCHITECTS AND ENGINEERS  
LOS ANGELES, CALIF. SAN DIEGO, CALIF.

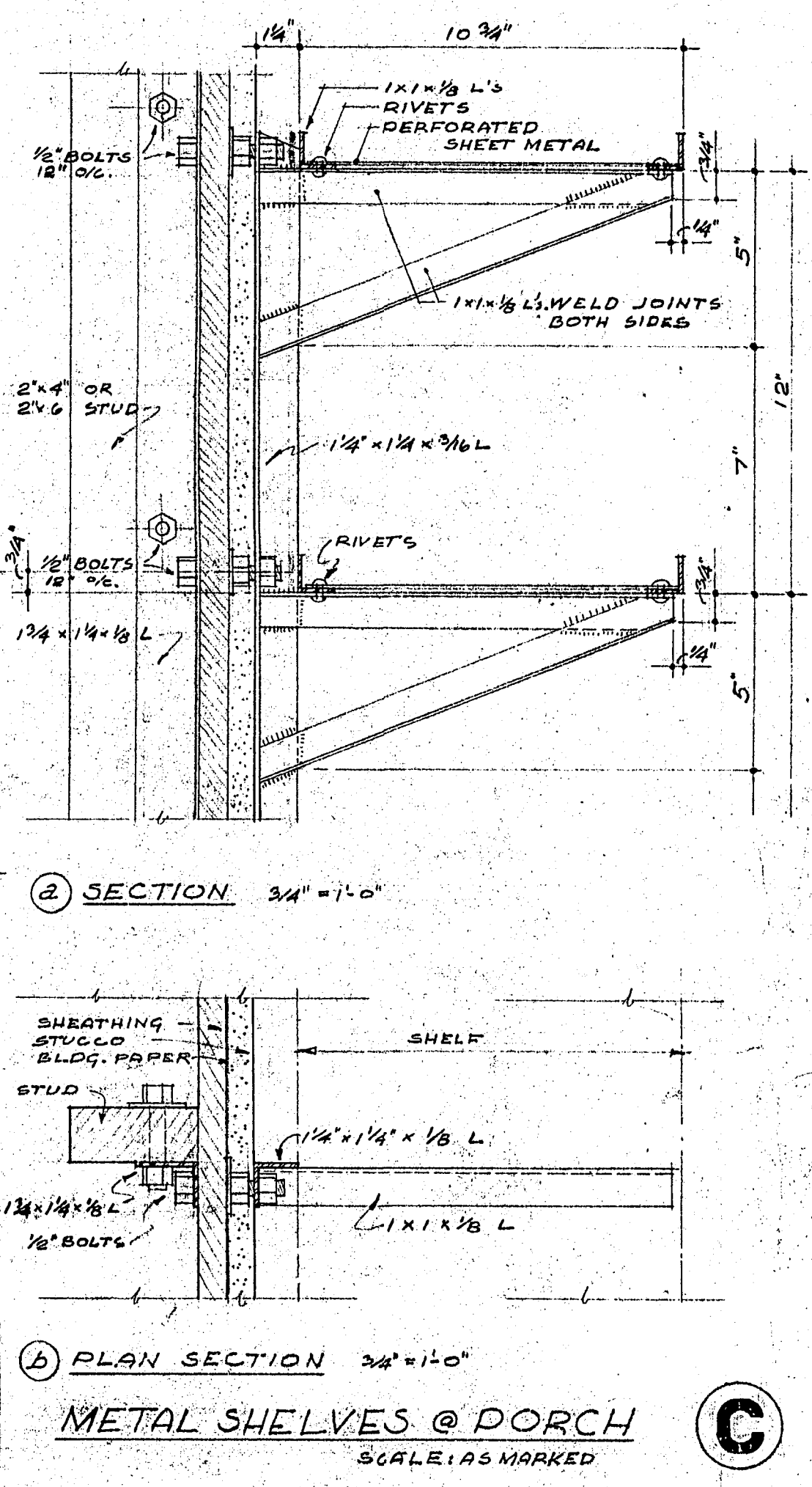
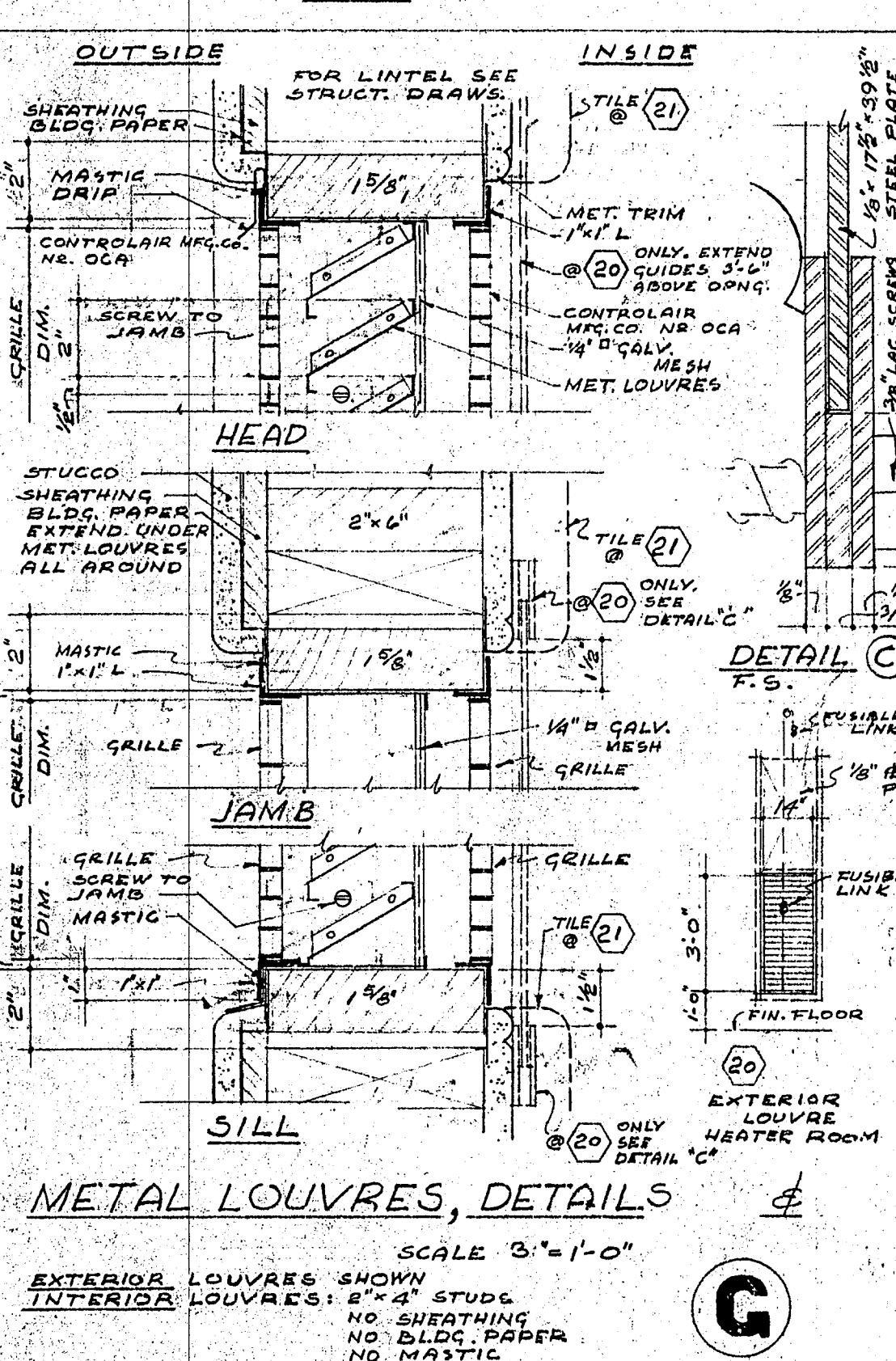
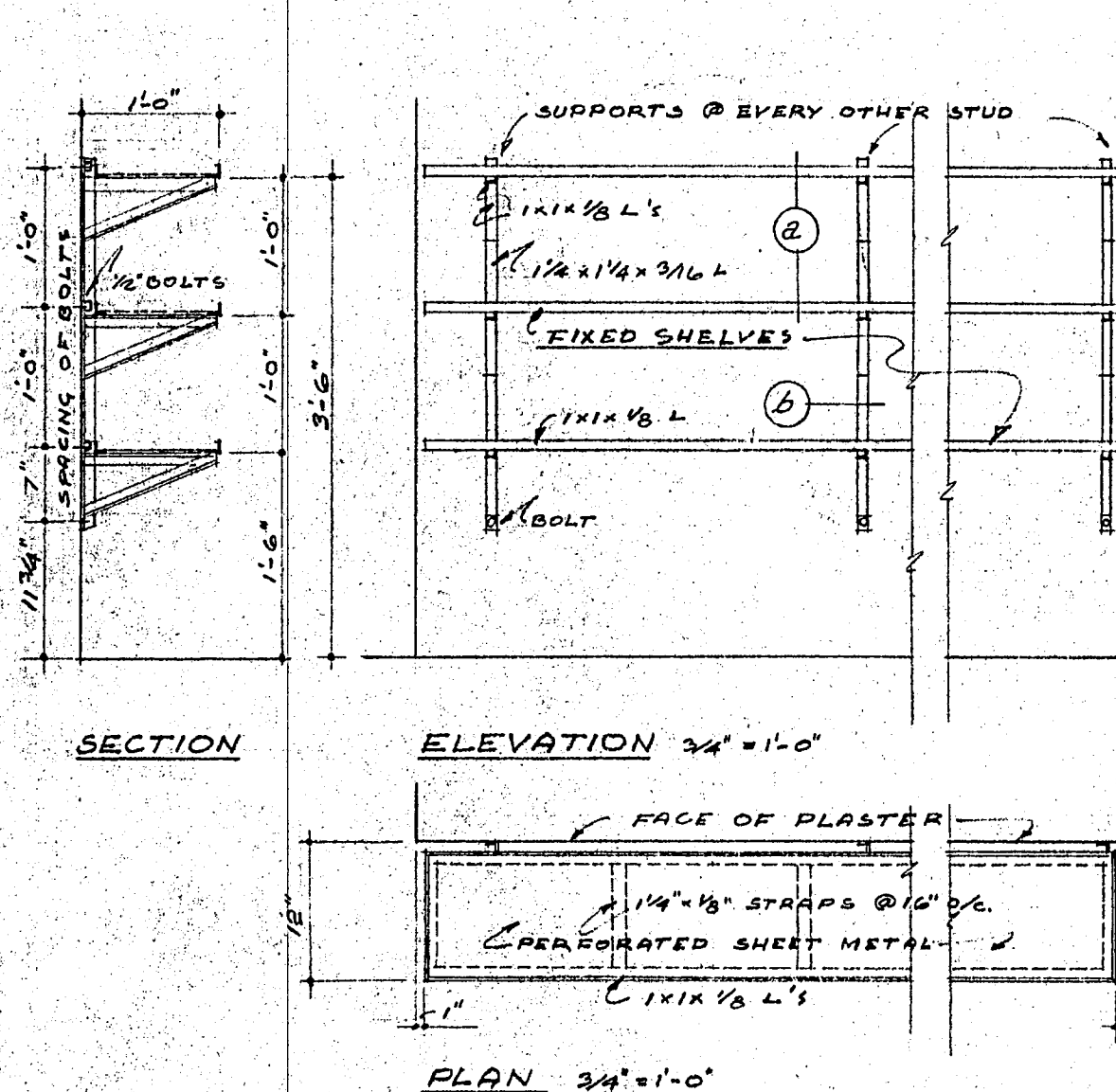




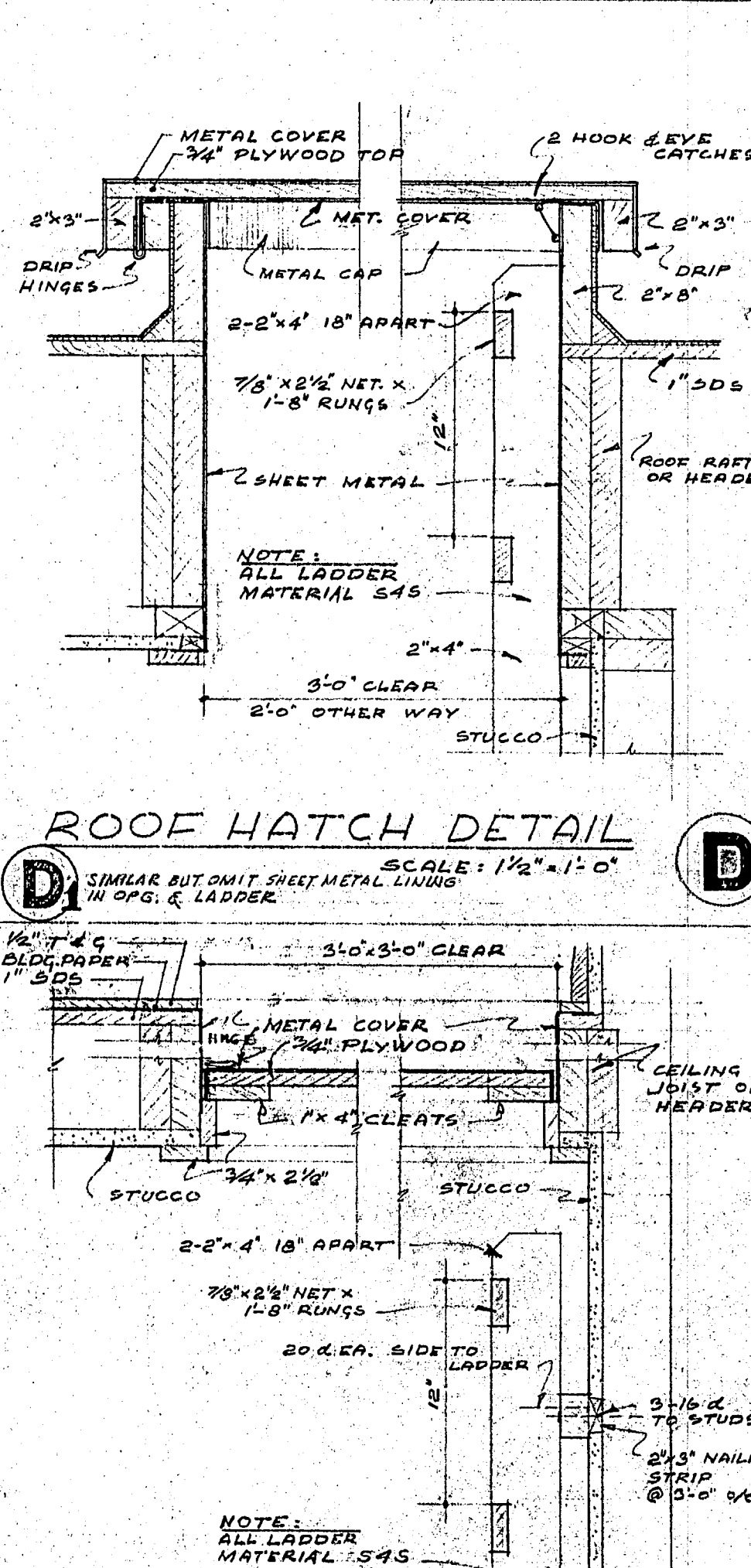
CROSS SECTION 1/4"=1'-0" **A**



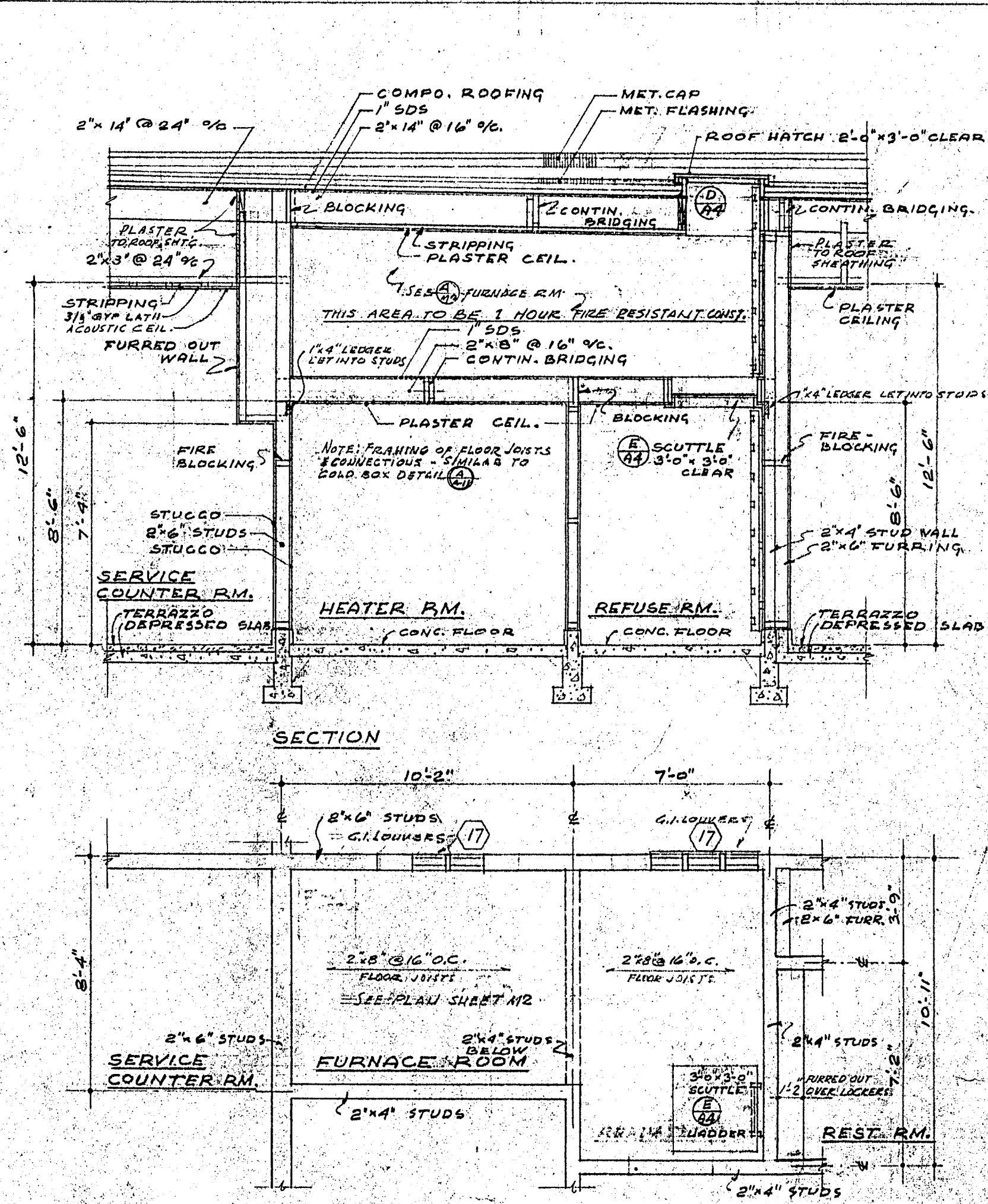
WINDOW & DOOR COL. SCALE 1/2"=1'-0" **B**



METAL SHELVES @ PORCH SCALE 1/2"=1'-0" **C**



ROOF HATCH DETAIL SCALE 1/2"=1'-0" **D**



FURNACE RM., HEATER & REFUSE RM. DETAIL SCALE 1/4"=1'-0" **F**

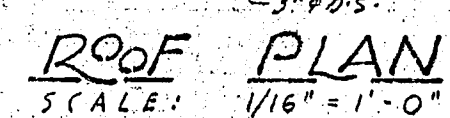
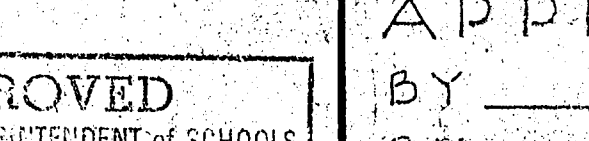
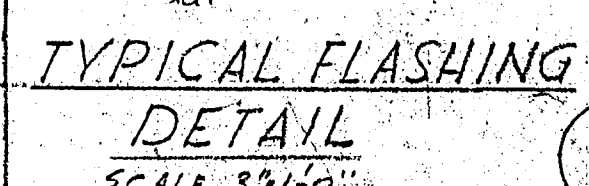
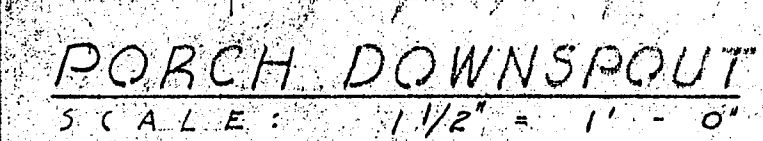
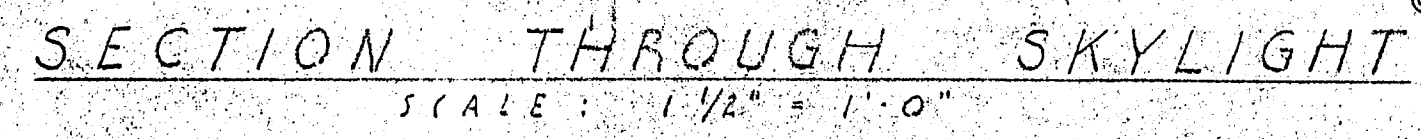
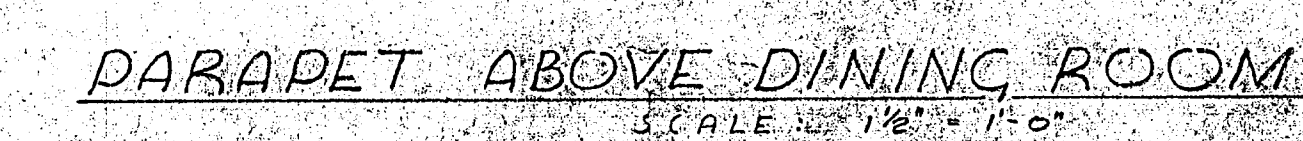
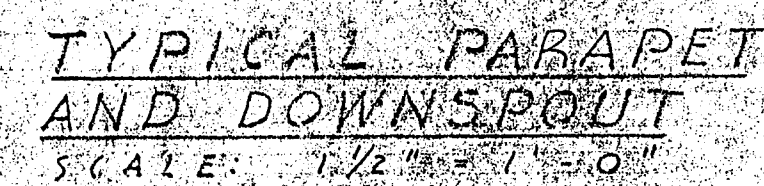
APPROVED  
OFFICE OF THE SUPERINTENDENT OF SCHOOLS  
SAN DIEGO COUNTY  
JOHN S. CARROLL  
Superintendent of Schools  
FEB 2 1950

APPROVED  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
MEMBERS OF GOVERNING BOARD  
GROSSMONT UNION HIGH SCHOOL DIST.

STATE OF CALIFORNIA  
3-8-50  
7694  
Harry M. Bolm  
SUPERVISOR OF STRUCTURAL ENGINEERING

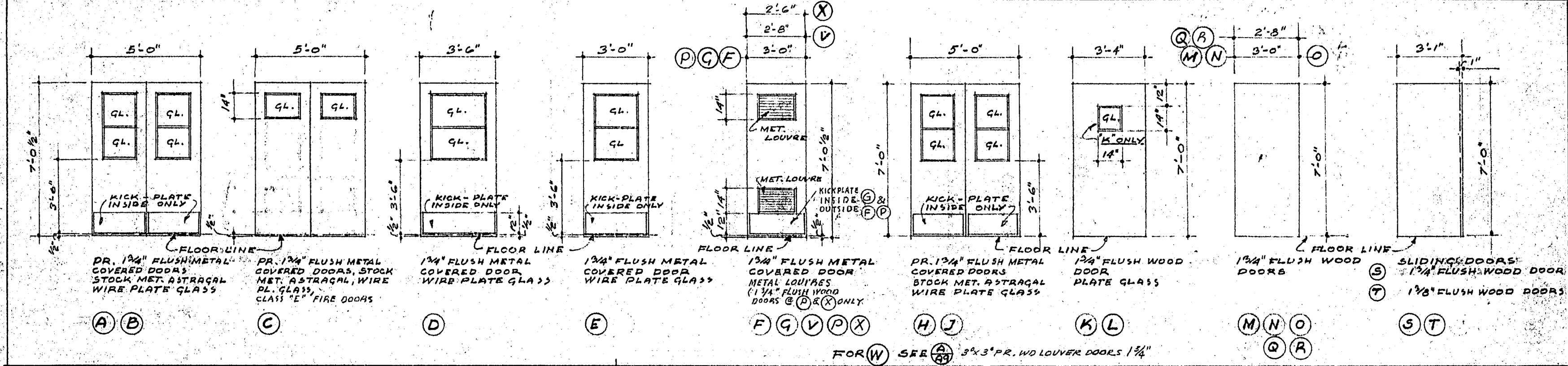
CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB  
CROSS SECTION & MISCELLANEOUS DETAILS  
CAFETERIA BUILDING  
FOR  
GROSSMONT UNION HIGH SCHOOL DISTRICT  
SAN DIEGO COUNTY CALIFORNIA  
KISTNER, CURTIS & WRIGHT  
ARCHITECTS AND ENGINEERS  
LOS ANGELES, CALIF. SAN DIEGO, CALIF.



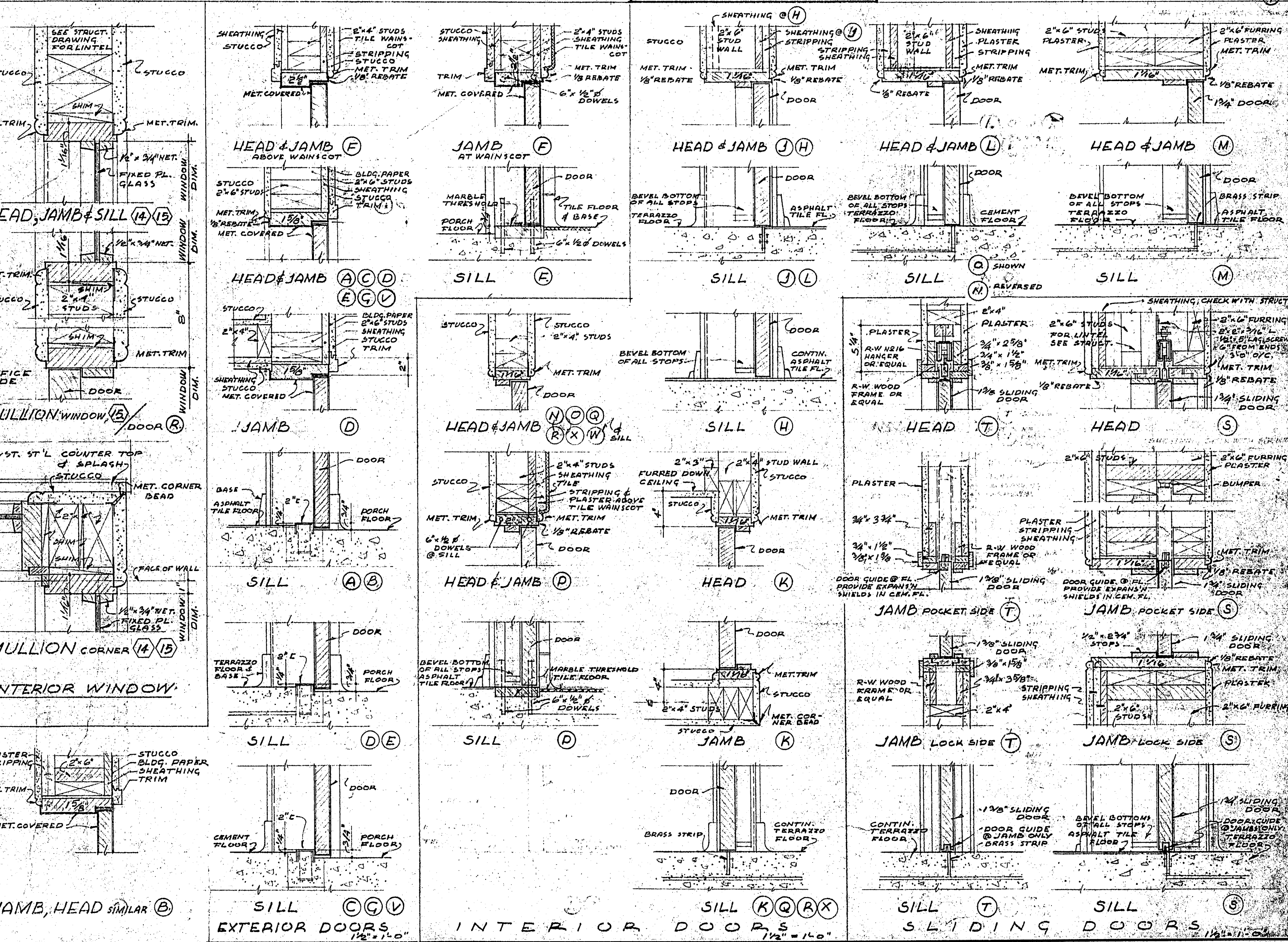


<b>ROOF PLAN &amp; DETAILS</b>	DATE	DEC 1949
	DR. BY	
<b>CAFETERIA BUILDING</b> F.O.R.	CHECKED BY	
	SHEET NO.	
GROSSMONT UNION HIGH SCHOOL DISTRICT SAN DIEGO COUNTY, CALIFORNIA		
<b>KISTNER, CURTIS &amp; WRIGHT</b> ARCHITECTS AND ENGINEERS		
OF SHEETS		3



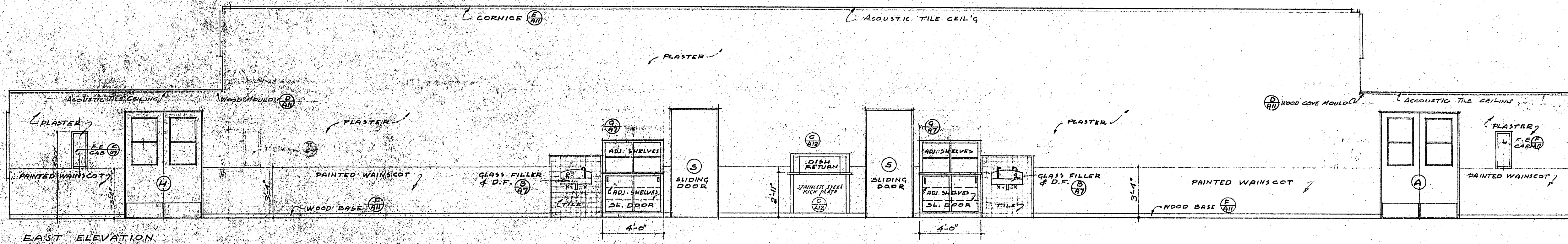


DOOR SCHEDULE SCALE  $\frac{1}{4}" = 1'-0"$

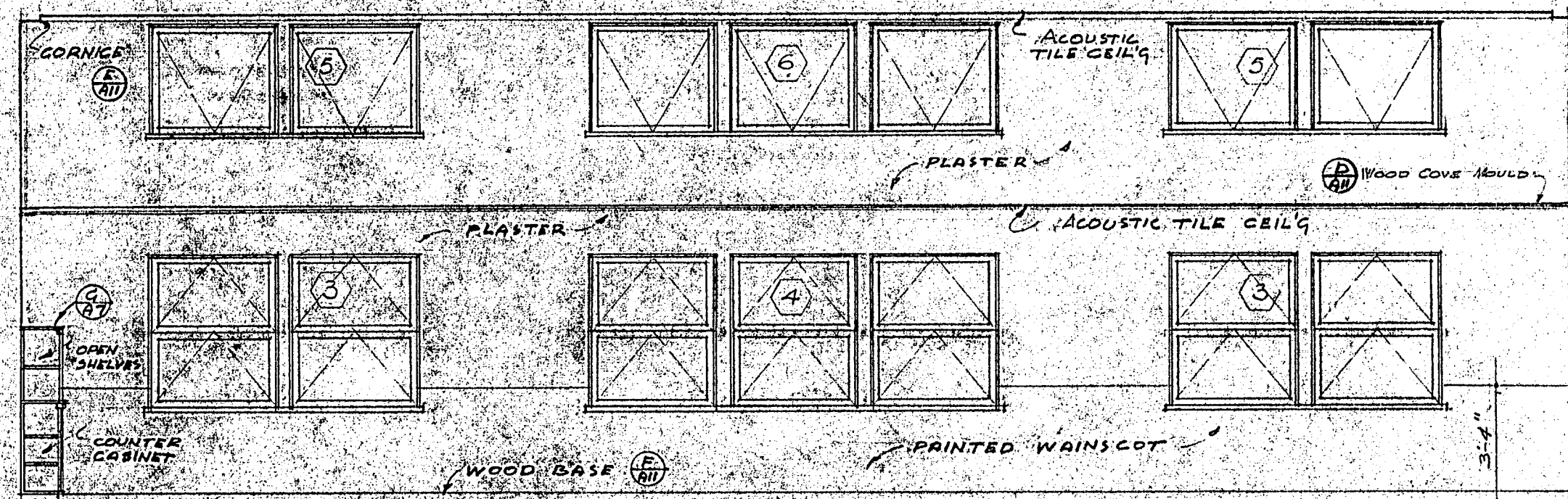


CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB		DATE <b>DEC 1974</b>
DOOR & WINDOW DETAILS & SCHEDULES		DR. BY
CAFETERIA BUILDING F. O. R.		CHECKED BY
GROSSMONT UNION HIGH SCHOOL DISTRICT SAN DIEGO COUNTY, CALIFORNIA		SHEET NO.
KISTNER, CURTIS & WRIGHT ARCHITECTS AND ENGINEERS		<b>A6</b>
LOS ANGELES, CALIF.	SAN DIEGO, CALIF.	OF SHEETS
		JOB NO. <b>20175-74</b>

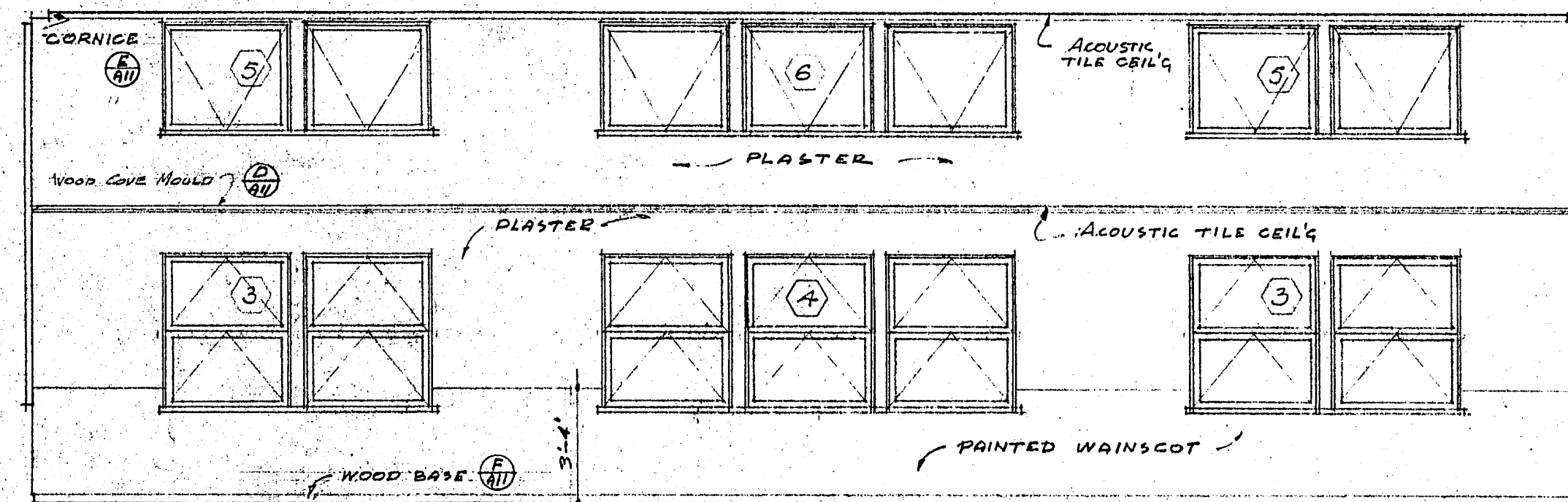




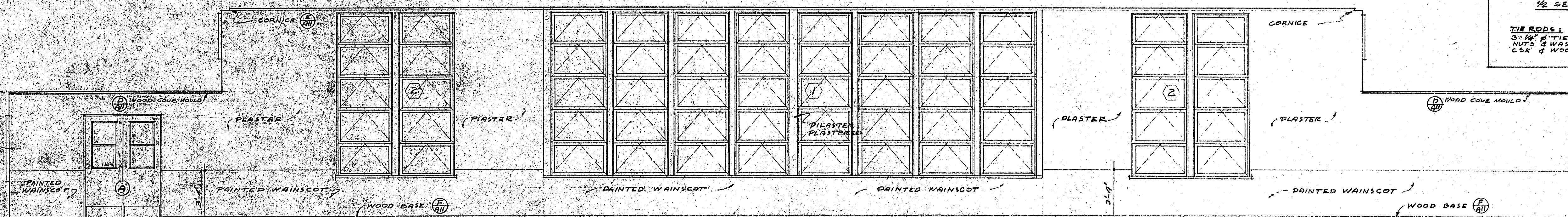
EAST ELEVATION



SOUTH ELEVATION



NORTH ELEVATION

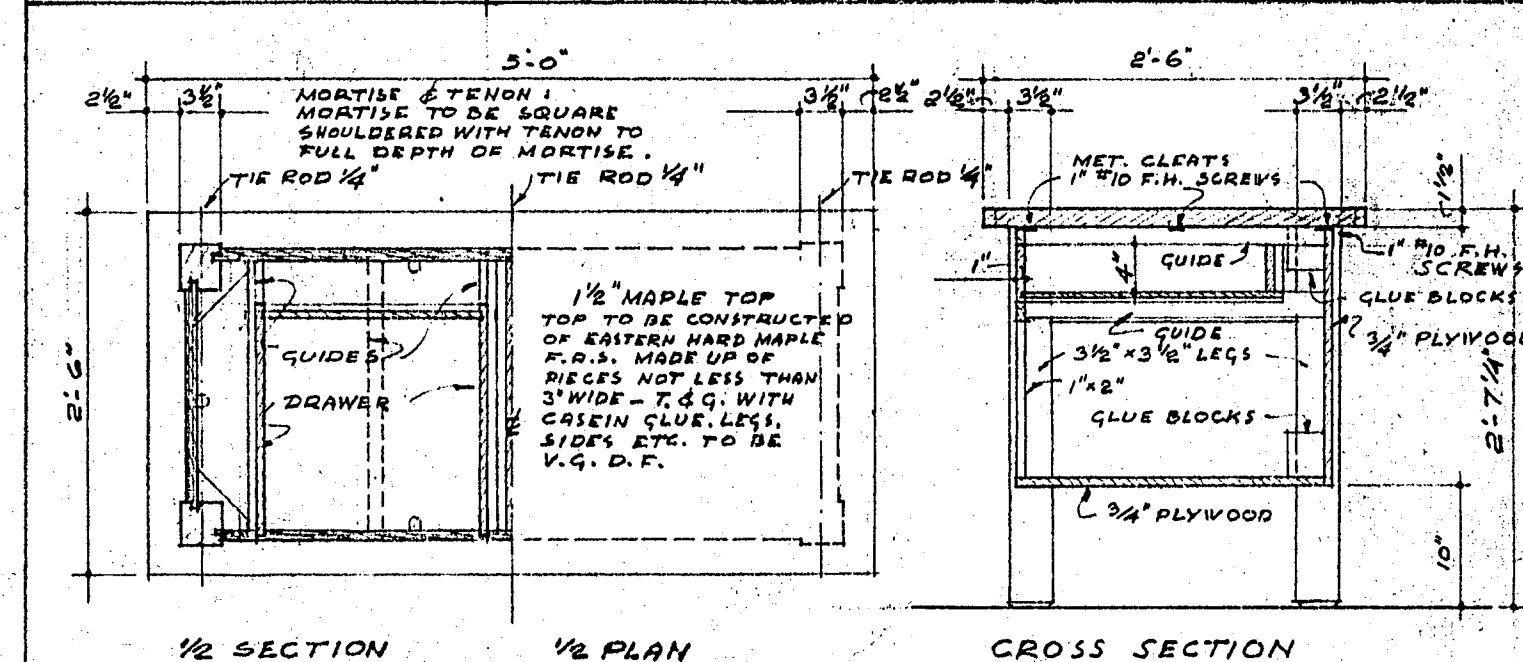


WEST ELEVATION

INTERIOR ELEVATIONS OF DINING ROOM SCALE 1/4"=1'-0"

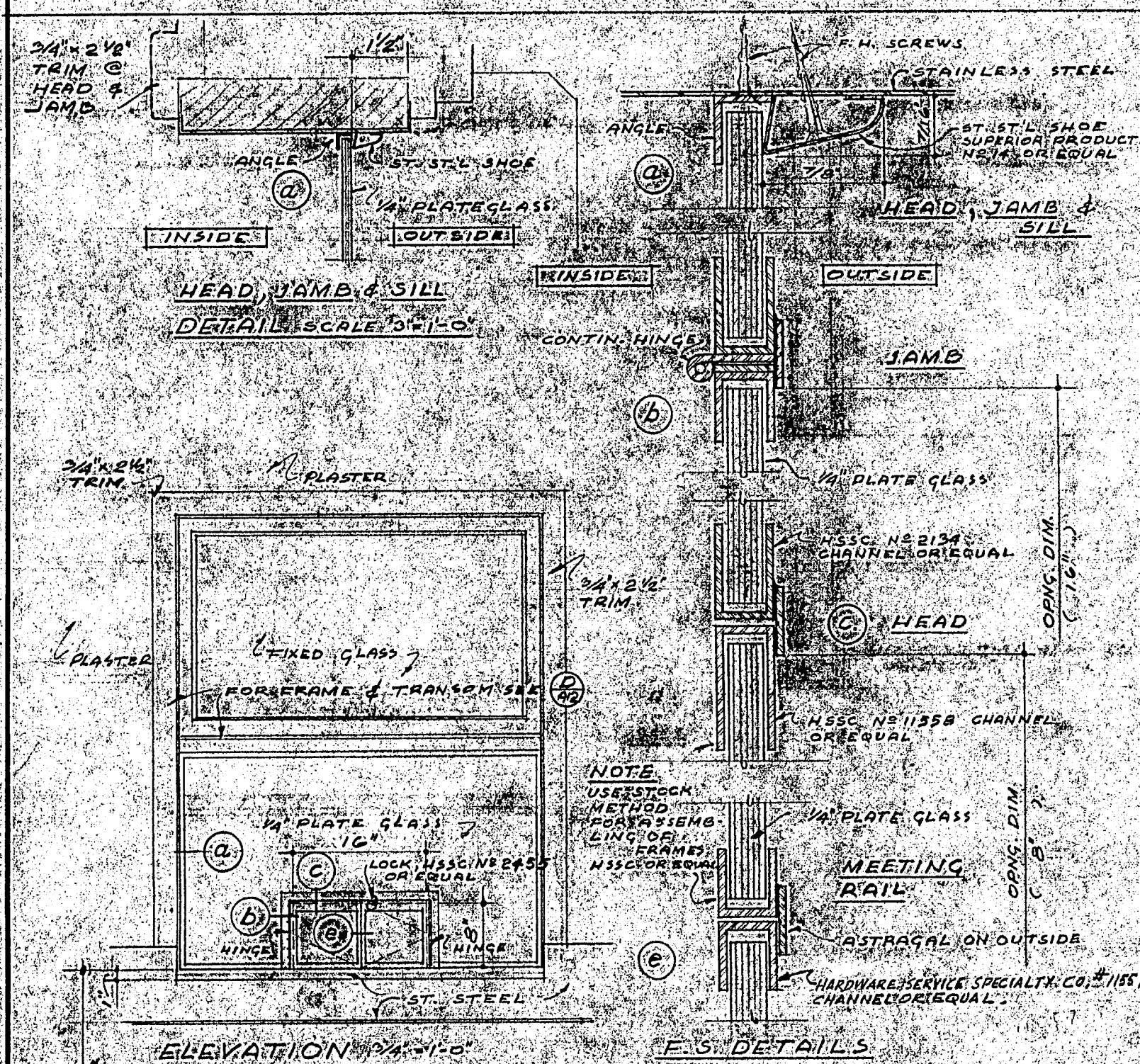
DRINKING FOUNTAIN IN DINING ROOM

AS NOTED SCALE 3/4"=1'-0"  
DRINKING FOUNTAIN ON EAST COVERED PORCH

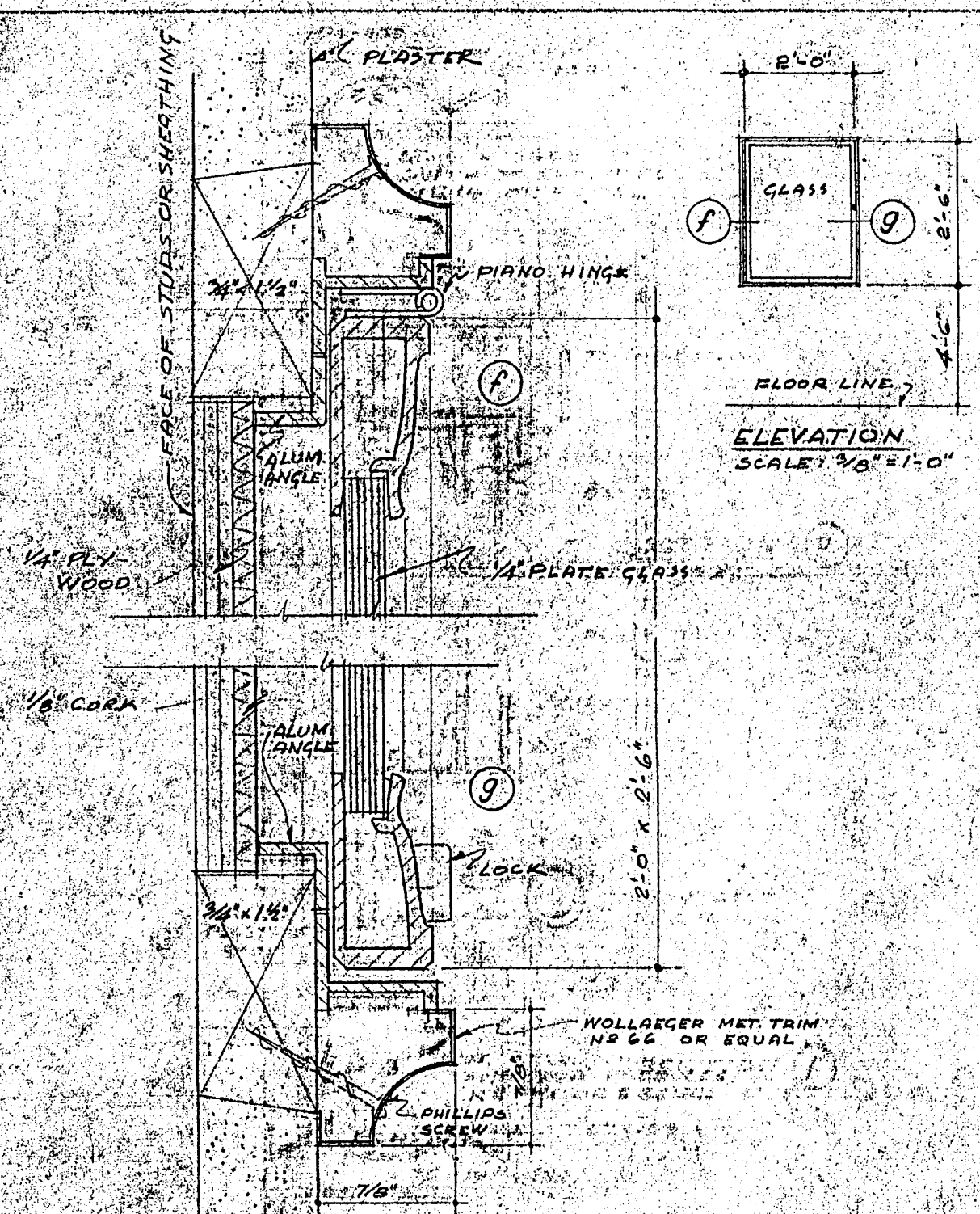


HALF LONG. SECT. HALF FRONT. ELEV.

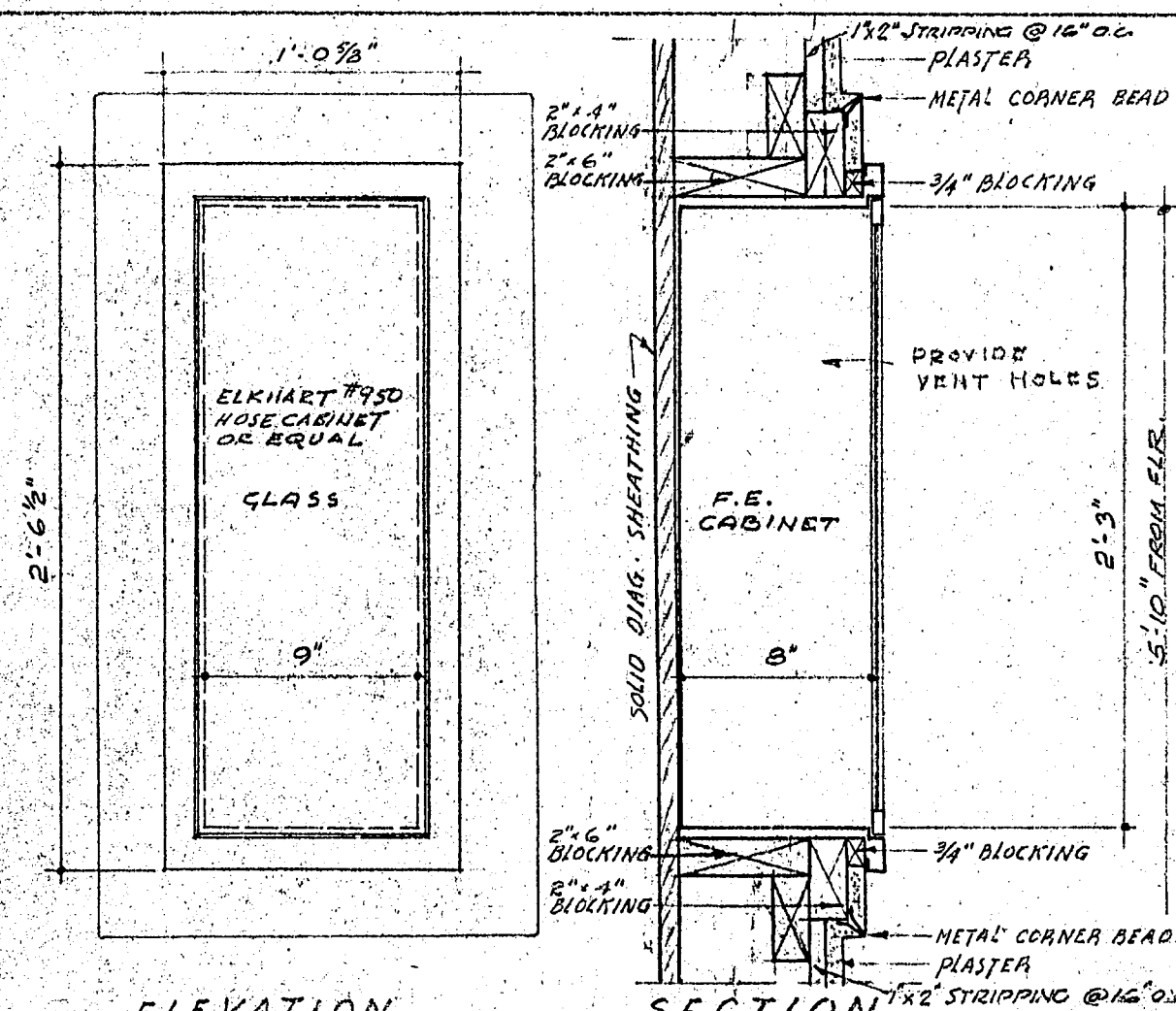
DETAIL OF WORK TABLE - KITCHEN SCALE 3/4"=1'-0"



FROSTY FREEZE ROOM OUT SERVICE WINDOW DETAILS

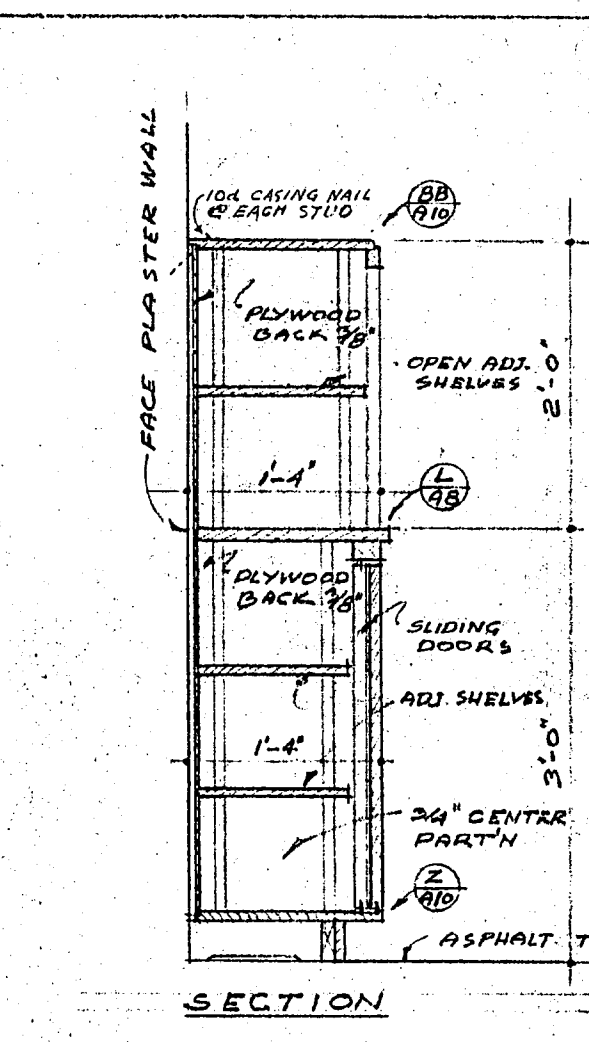


BULLETIN BOARD DETAILS



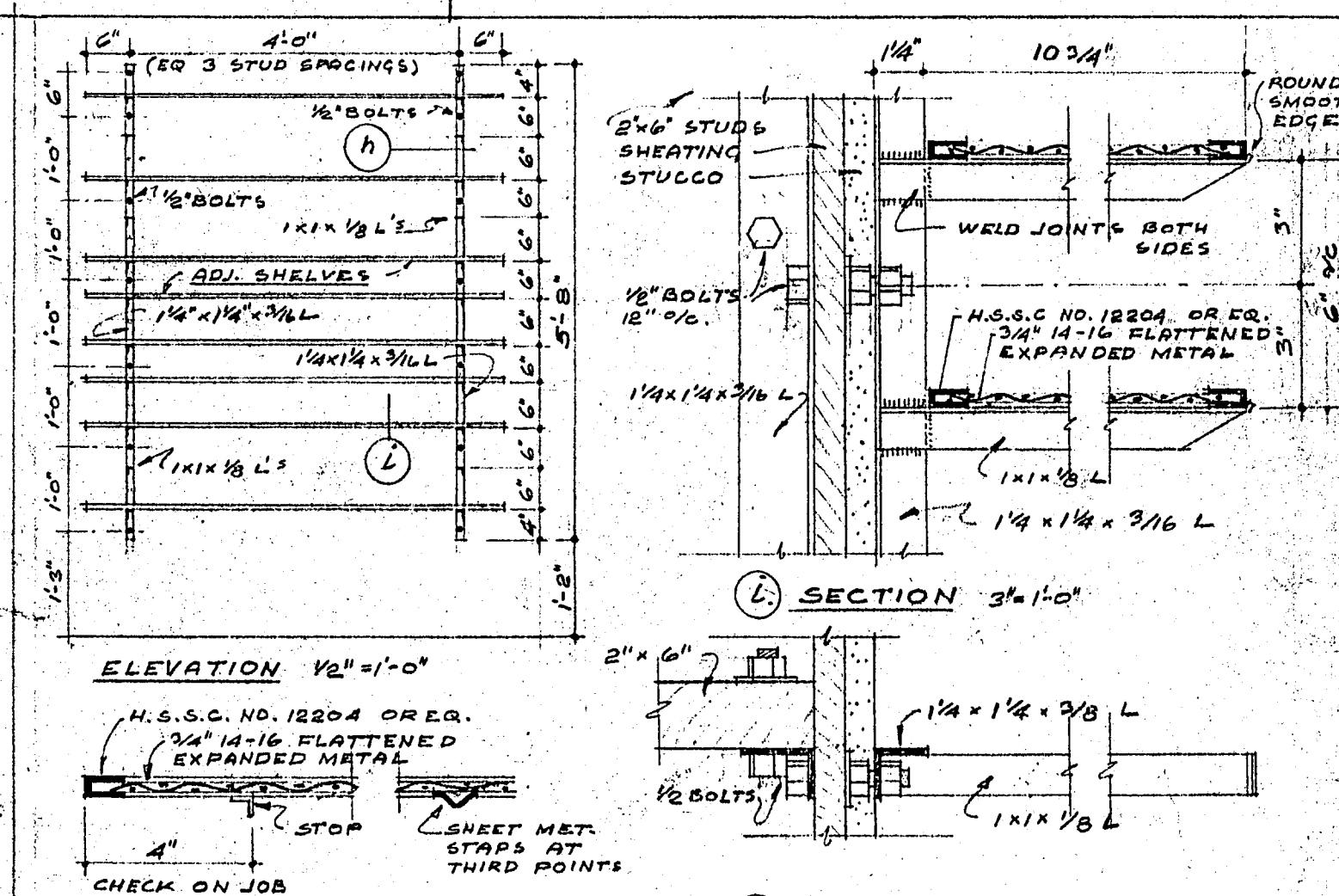
ELEVATION FIRE EXTINGUISHER CABINET

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



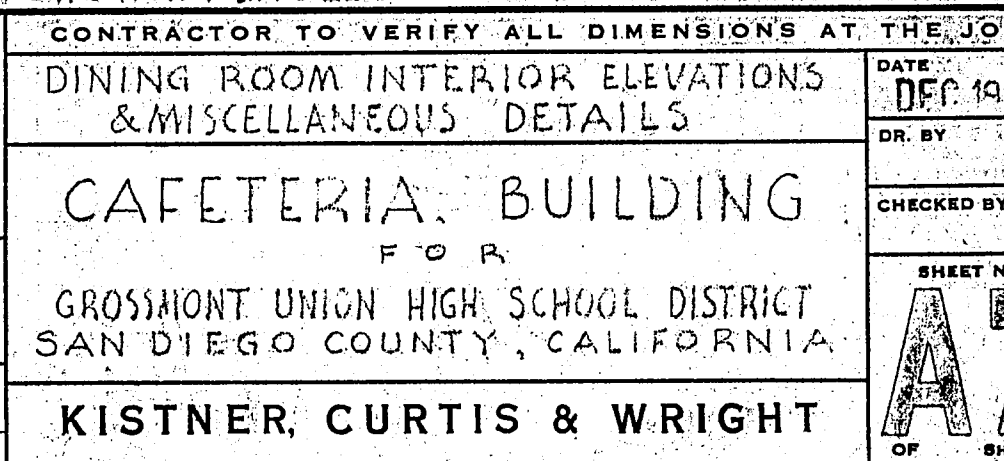
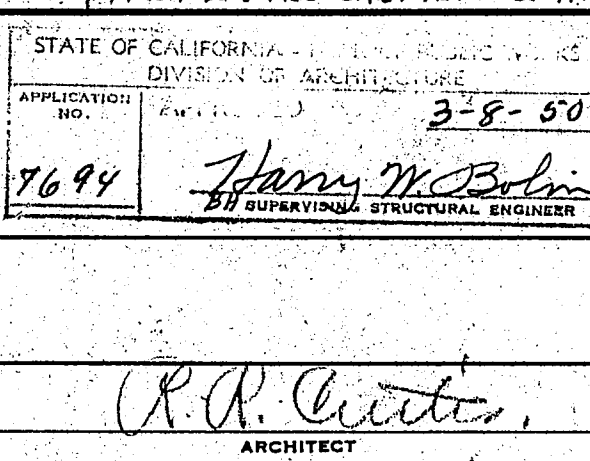
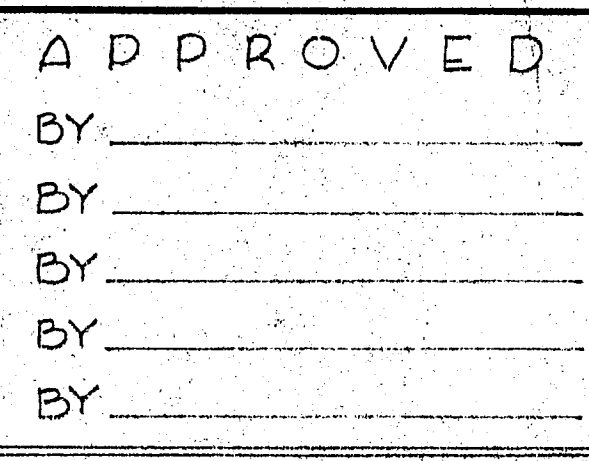
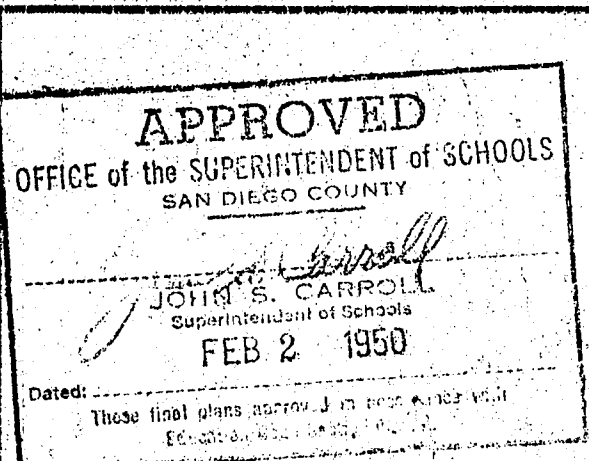
GLASS CABINET

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

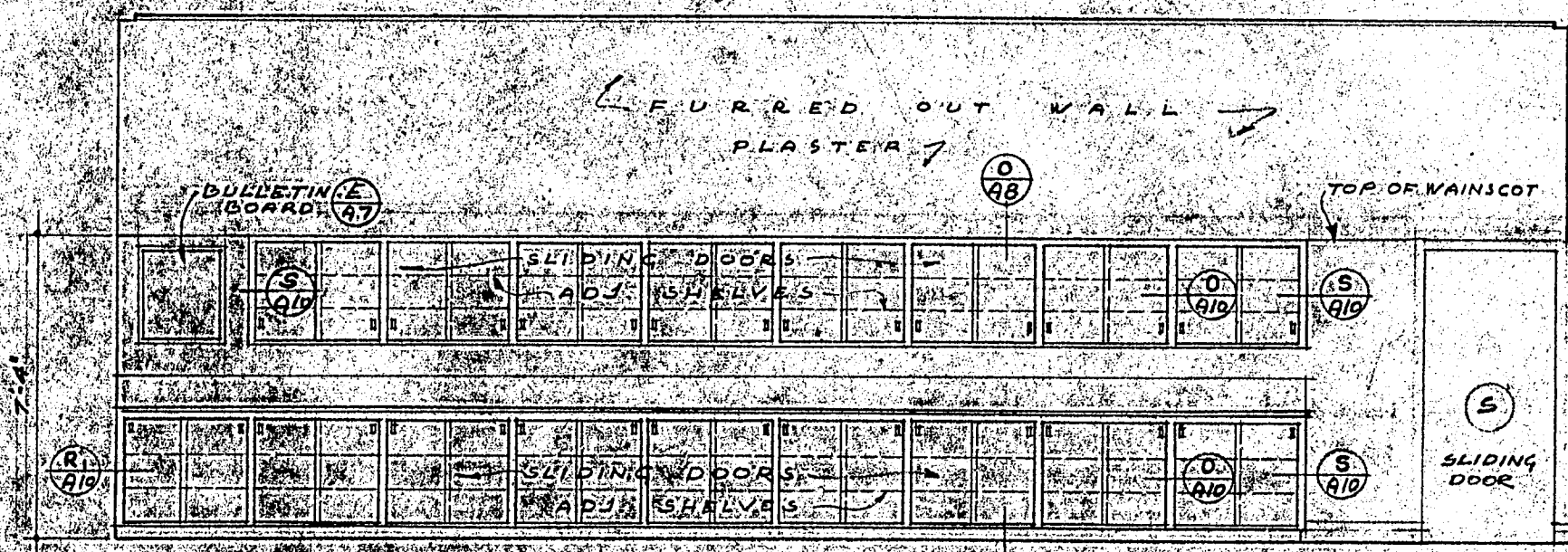


ADJ. MET. SHELVES @ KITCHEN

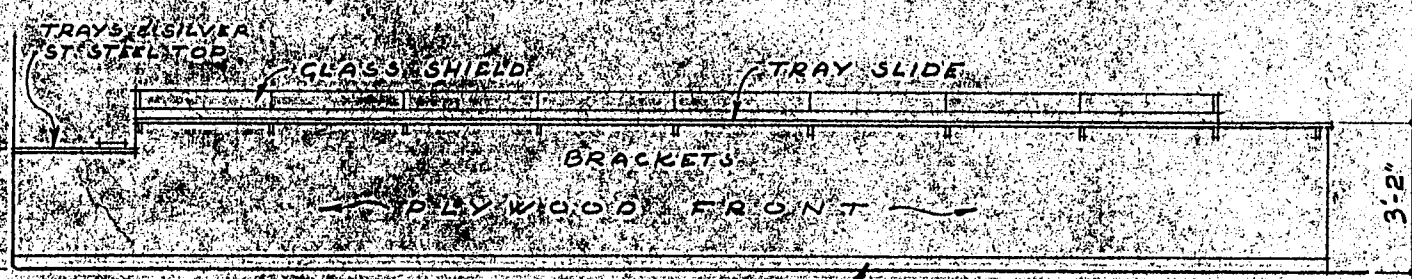
SCALE AS SHOWN







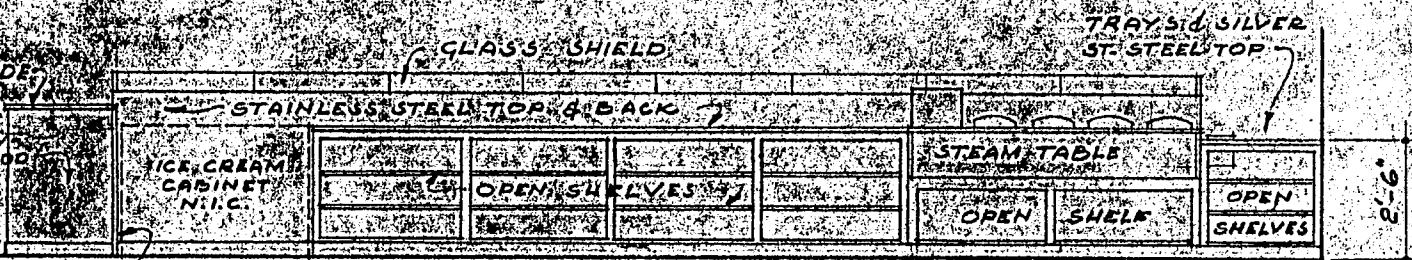
ELEVATION OF BACK WALL



FRONT OF SERVICE COUNTER

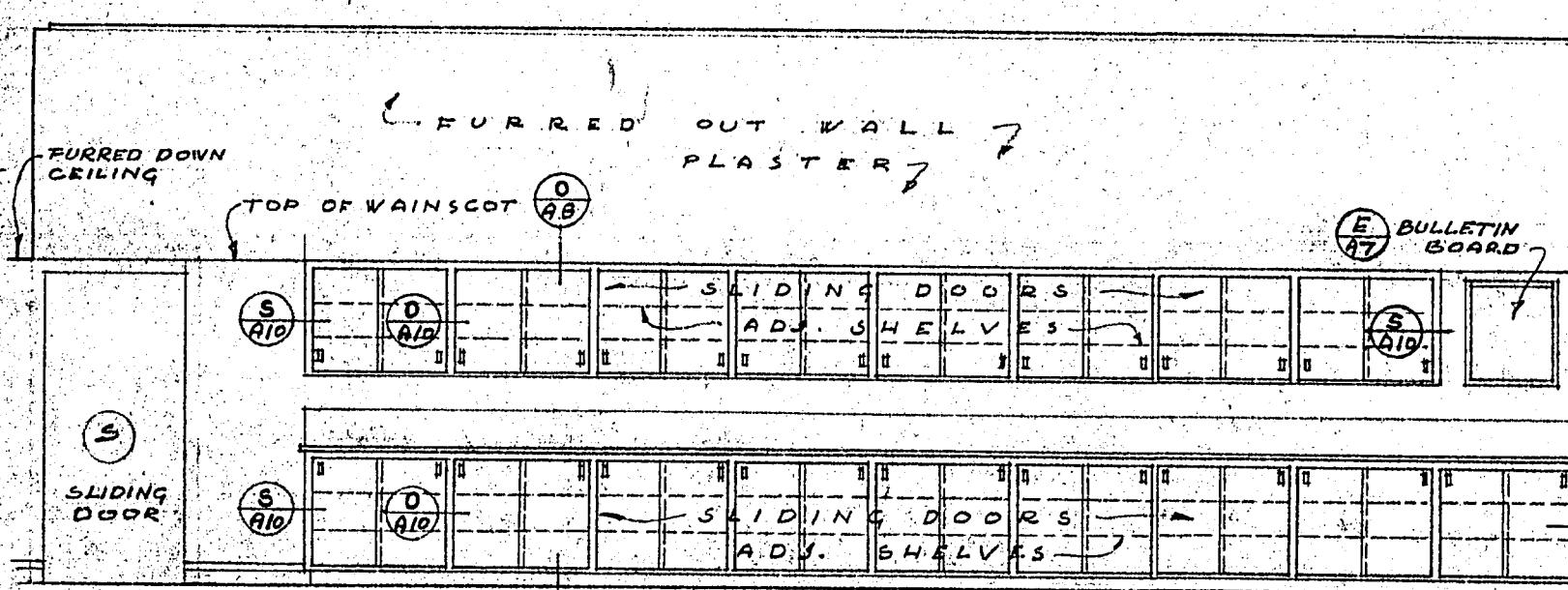


PLAN OF SERVICE COUNTER

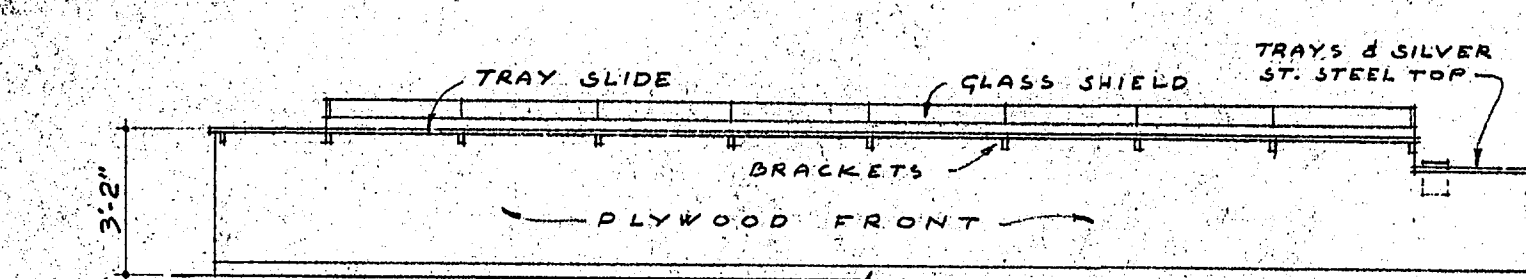


BACK OF SERVICE COUNTER

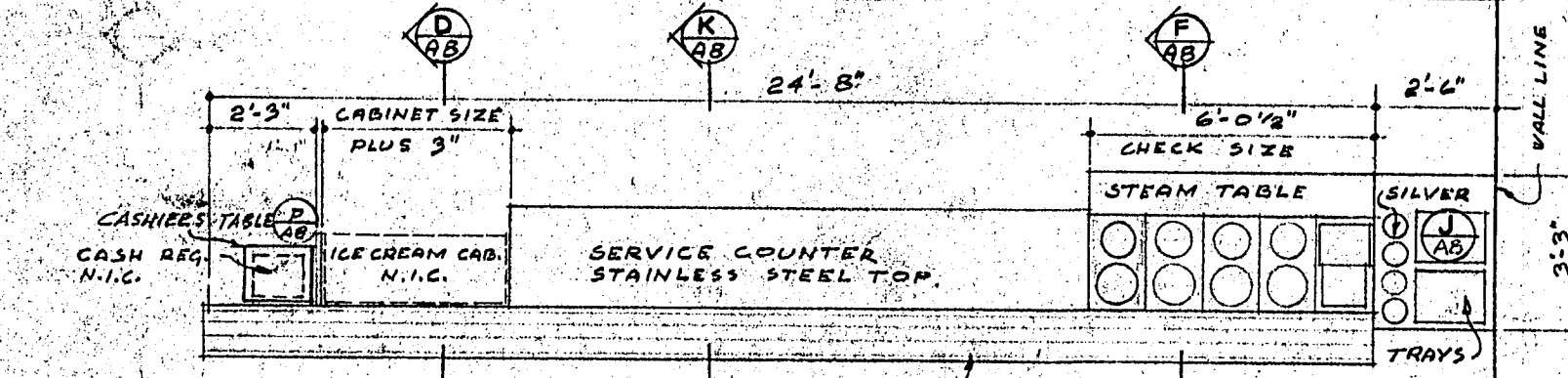
BACK WALL & SERVICE COUNTER TYPE A



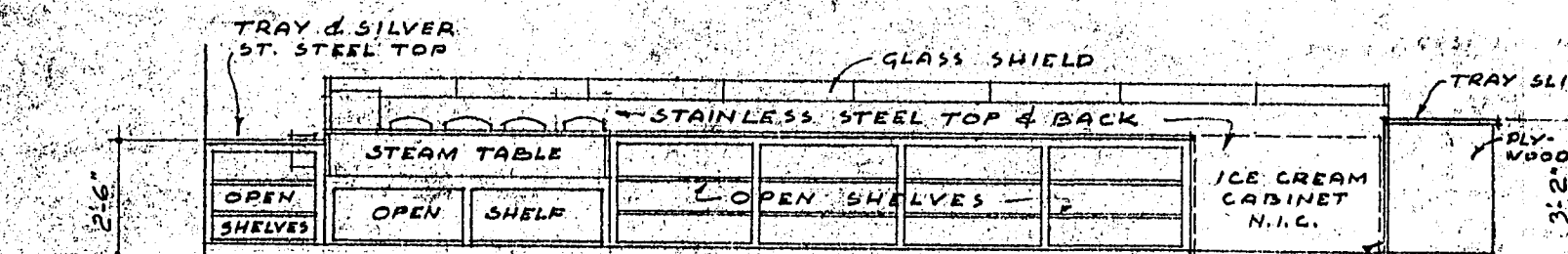
ELEVATION OF BACK WALL



FRONT OF SERVICE COUNTER

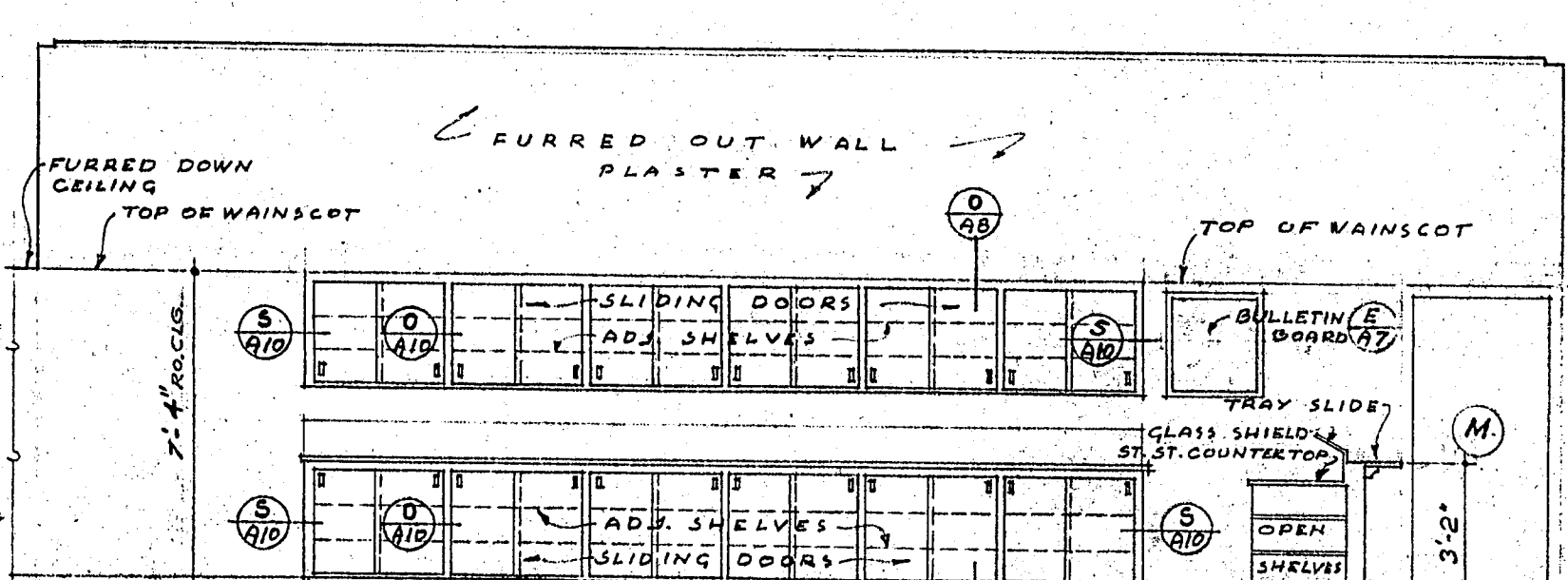


PLAN OF SERVICE COUNTER

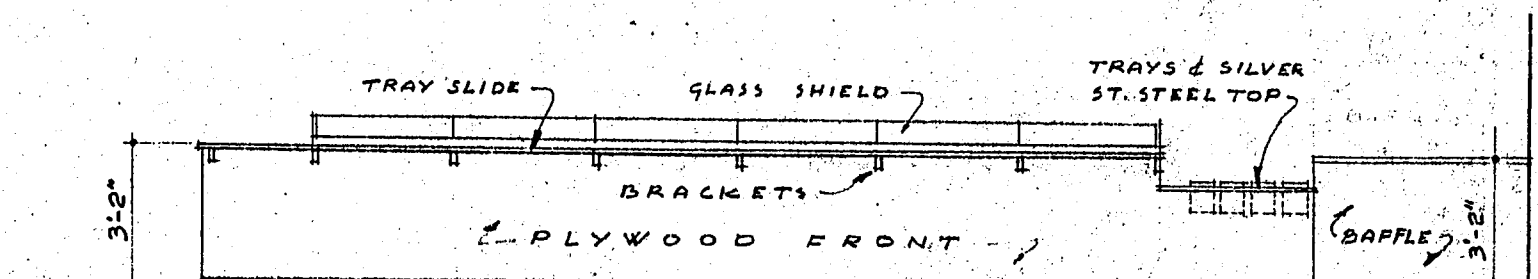


BACK OF SERVICE COUNTER

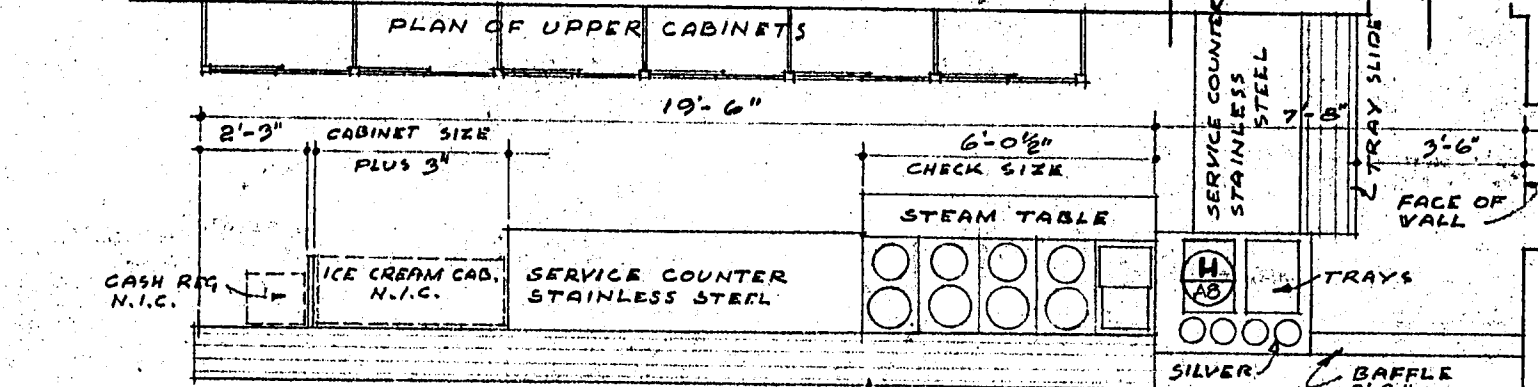
BACK WALL & SERVICE COUNTER TYPE B



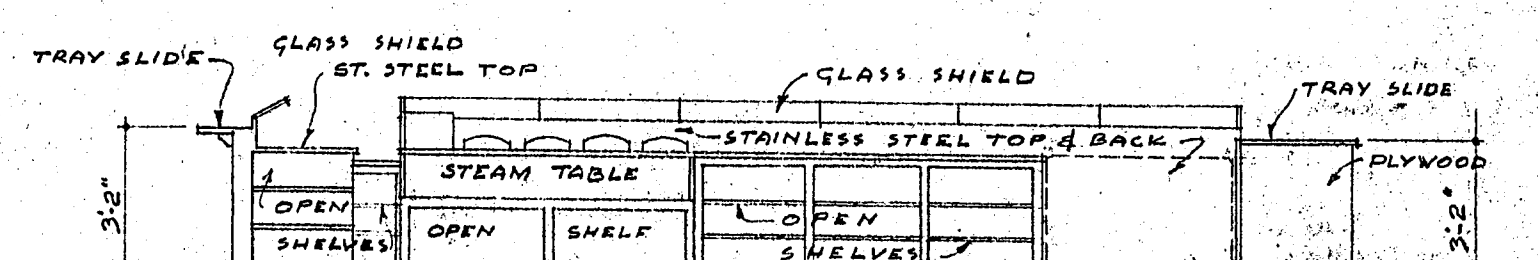
ELEVATION OF BACK WALL



FRONT OF SERVICE COUNTER

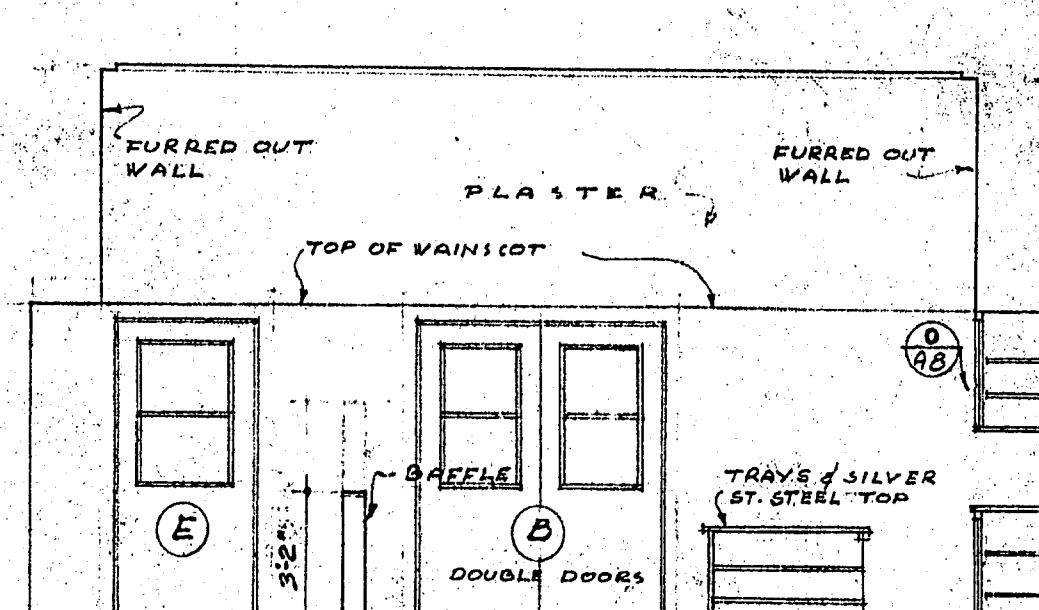


PLAN OF SERVICE COUNTER

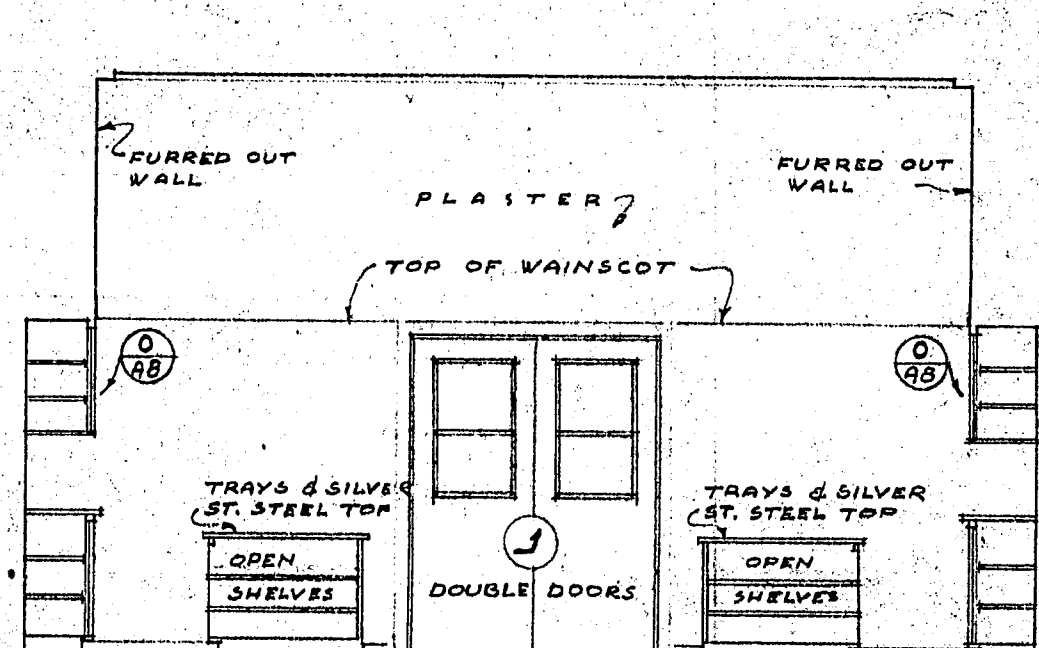


BACK OF SERVICE COUNTER

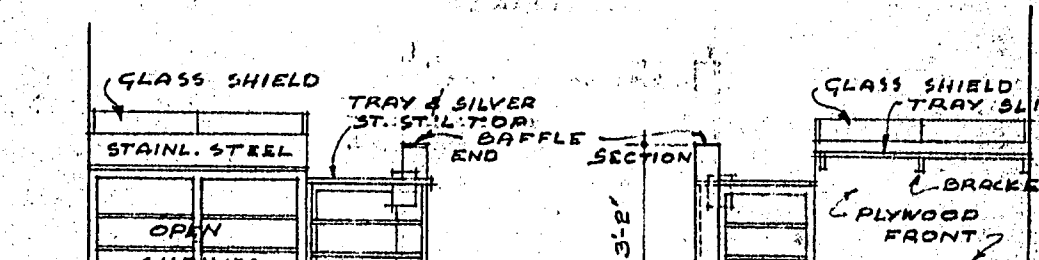
BACK WALL & SERVICE COUNTER TYPE C



END ELEVATION SOUTH



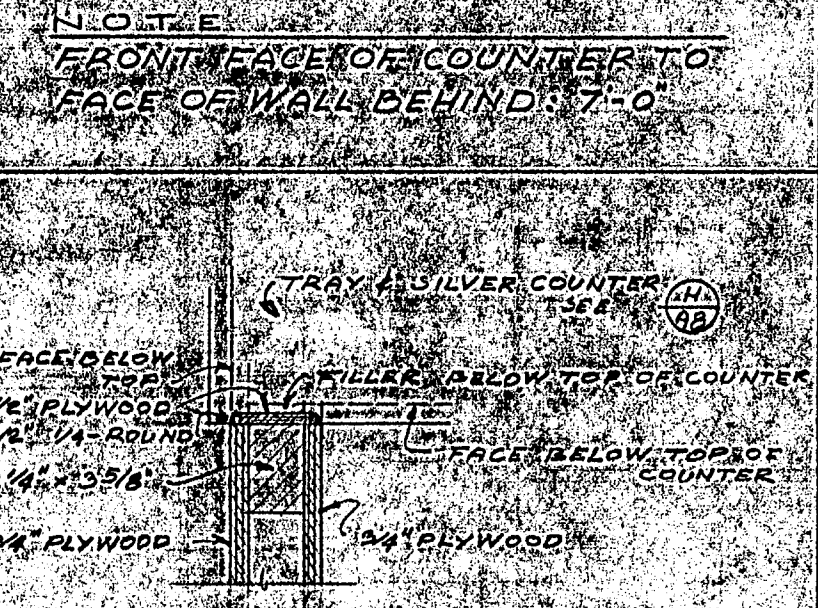
END ELEVATION NORTH



BACK AT A

FRONT AT B

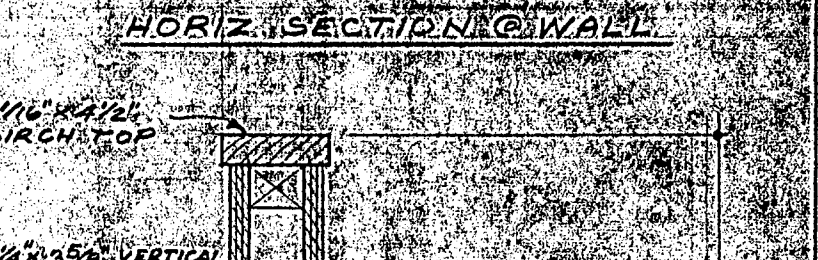
INTERIOR ELEVATIONS, SERVICE COUNTER ROOM SCALE 1/4" = 1'-0"



SECTION A



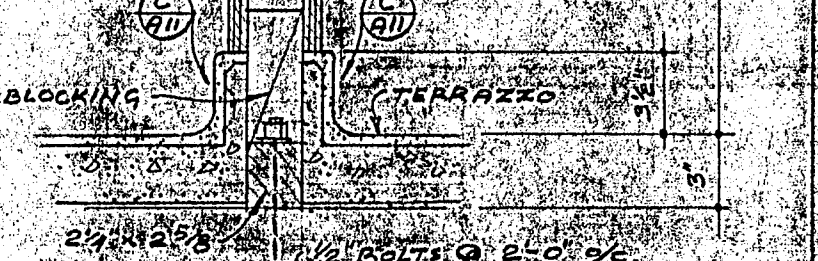
SECTION B



SECTION C



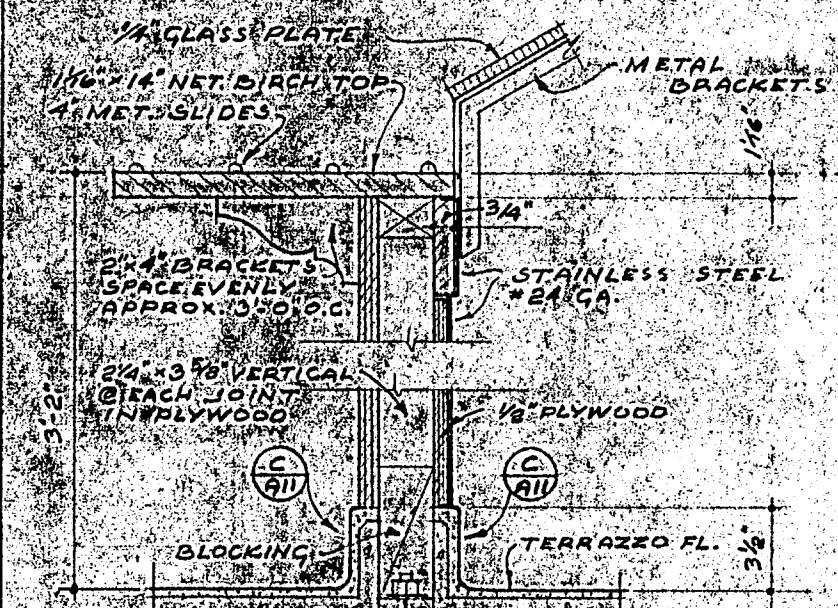
SECTION D



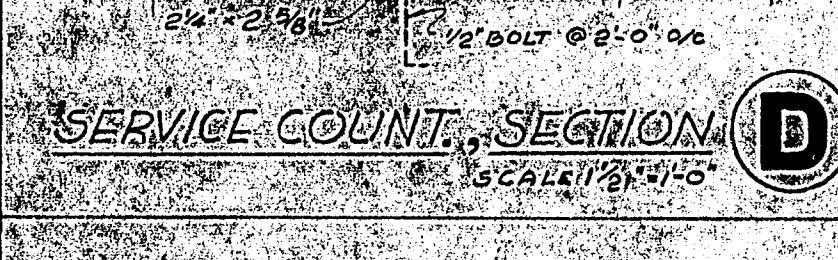
SECTION E



SECTION F



SECTION G



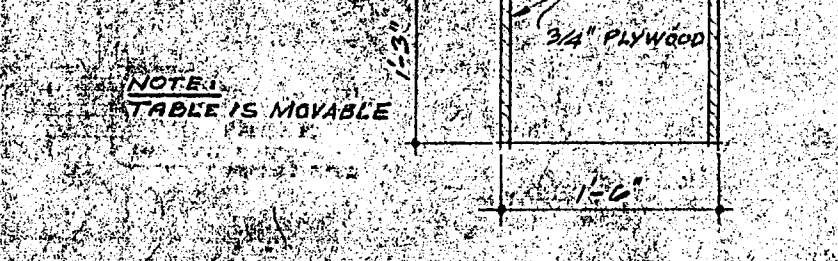
SECTION H



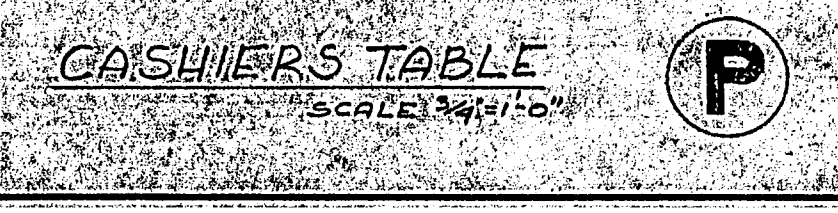
SECTION I



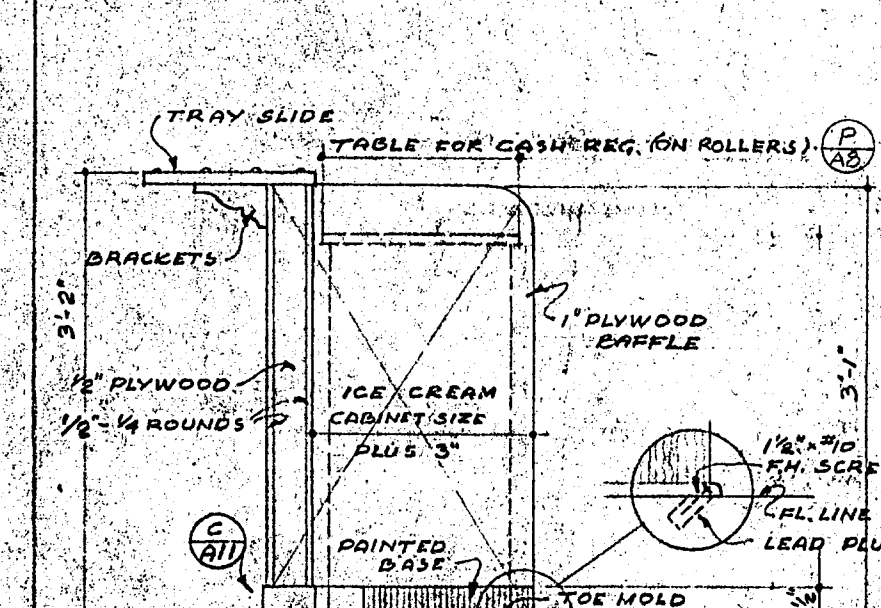
SECTION J



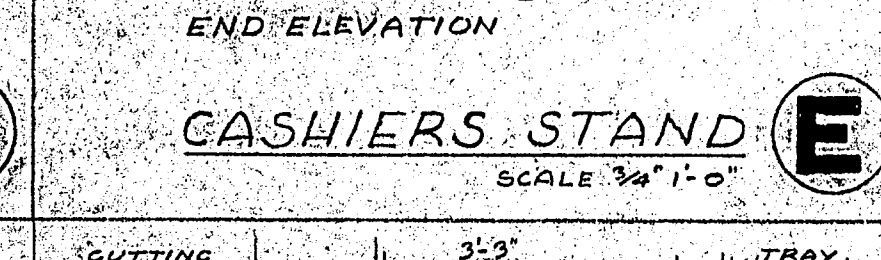
SECTION K



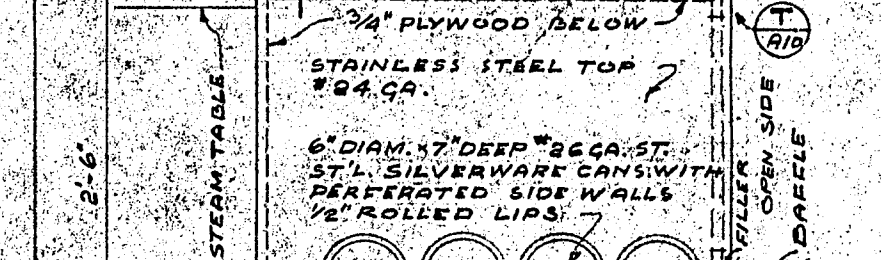
SECTION L



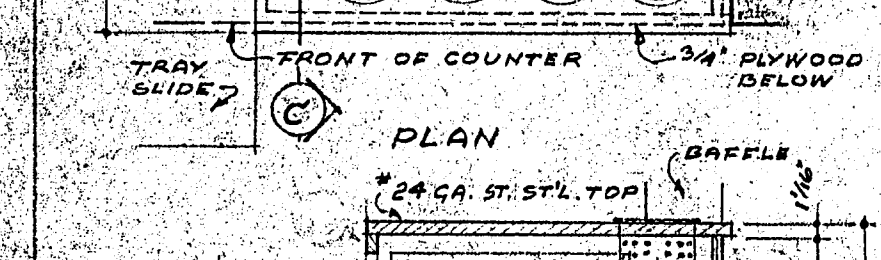
SECTION M



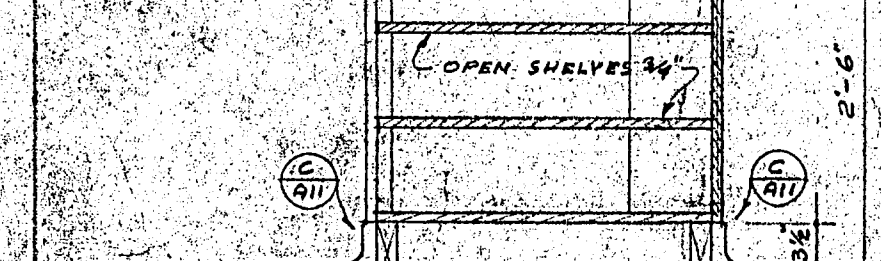
SECTION N



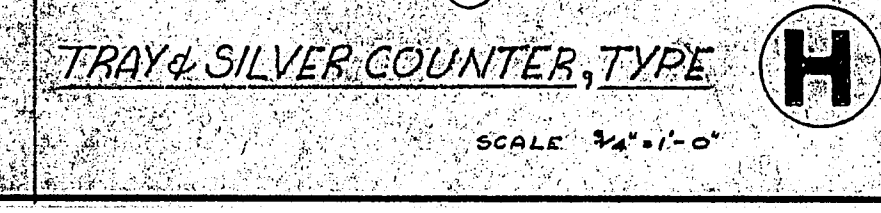
SECTION O



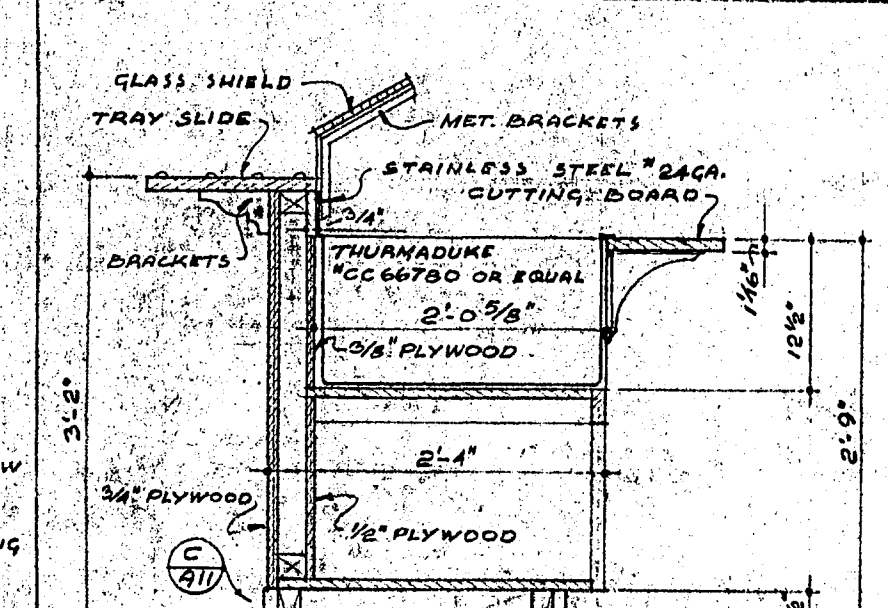
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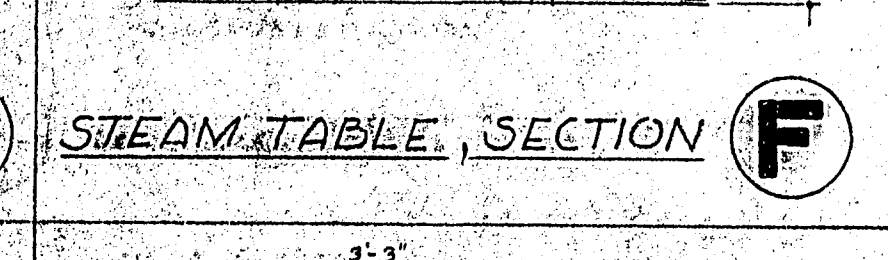
SECTION Q



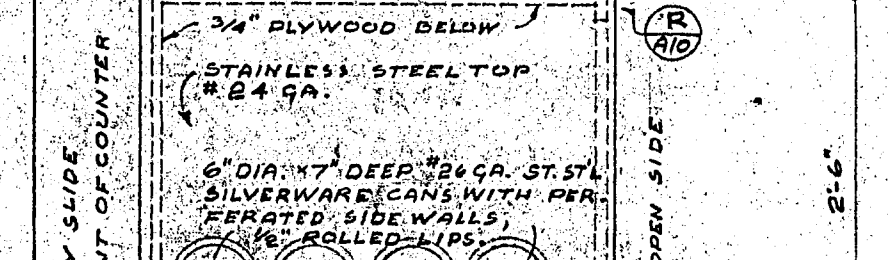
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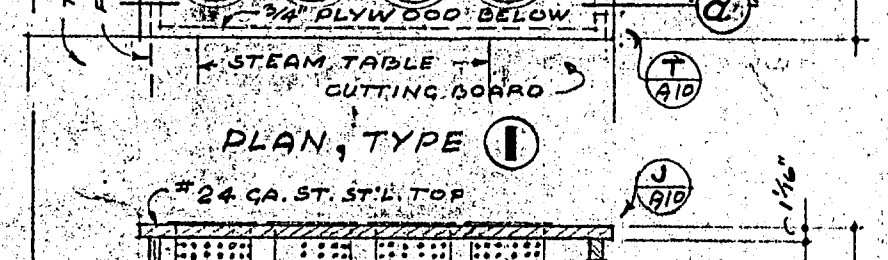
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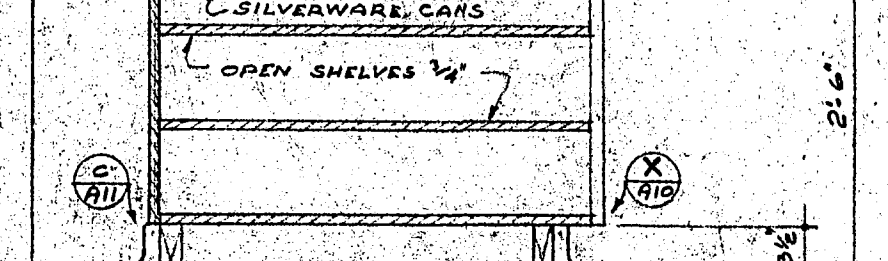
SECTION T



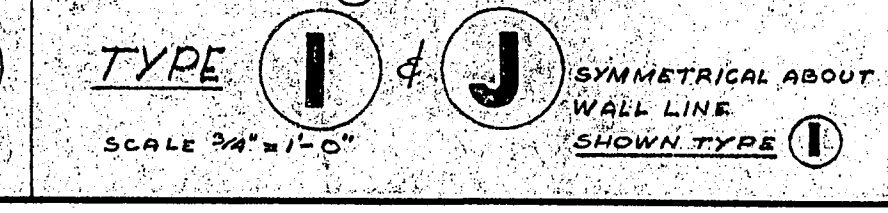
SECTION U



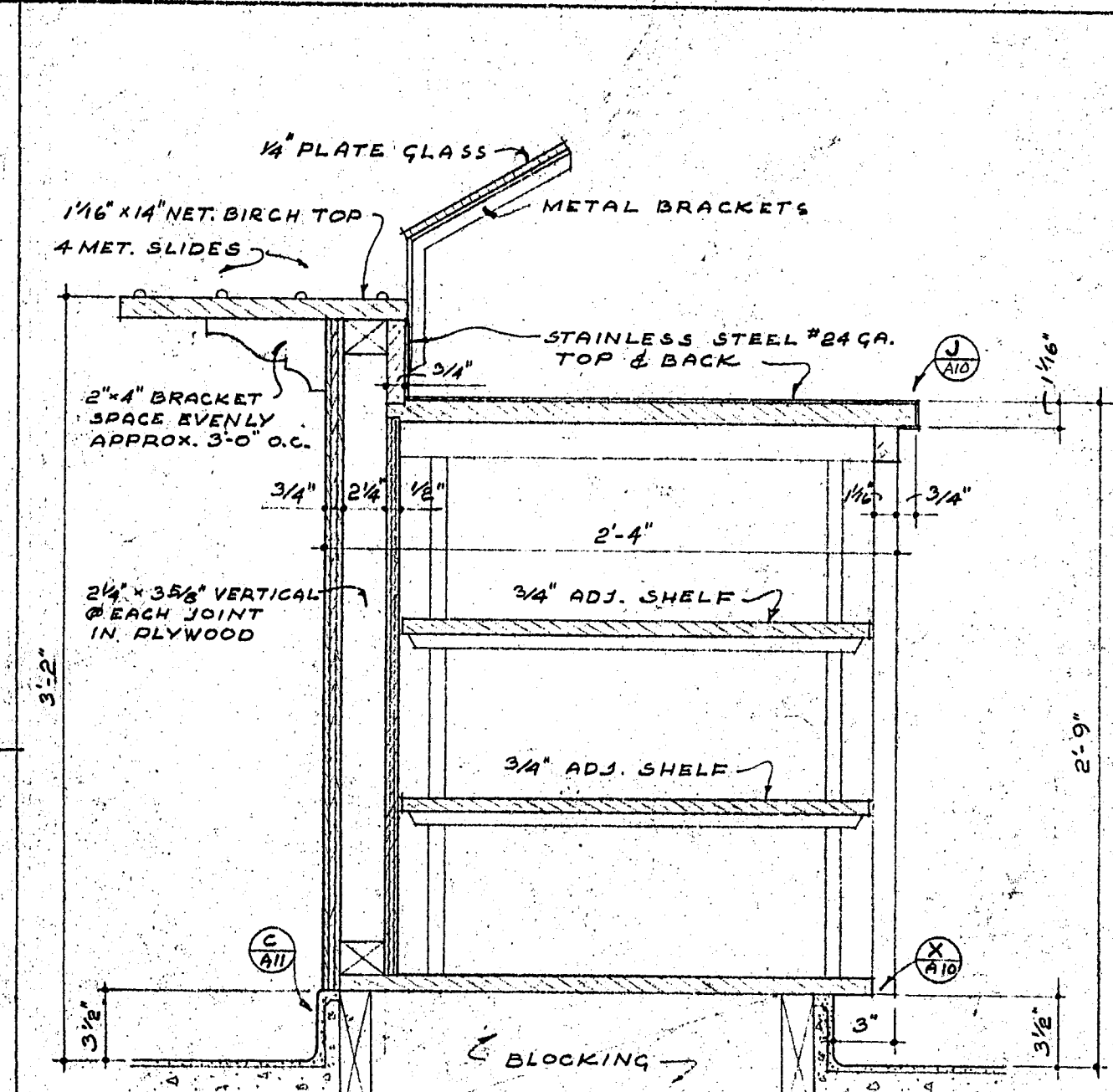
SECTION V



SECTION W



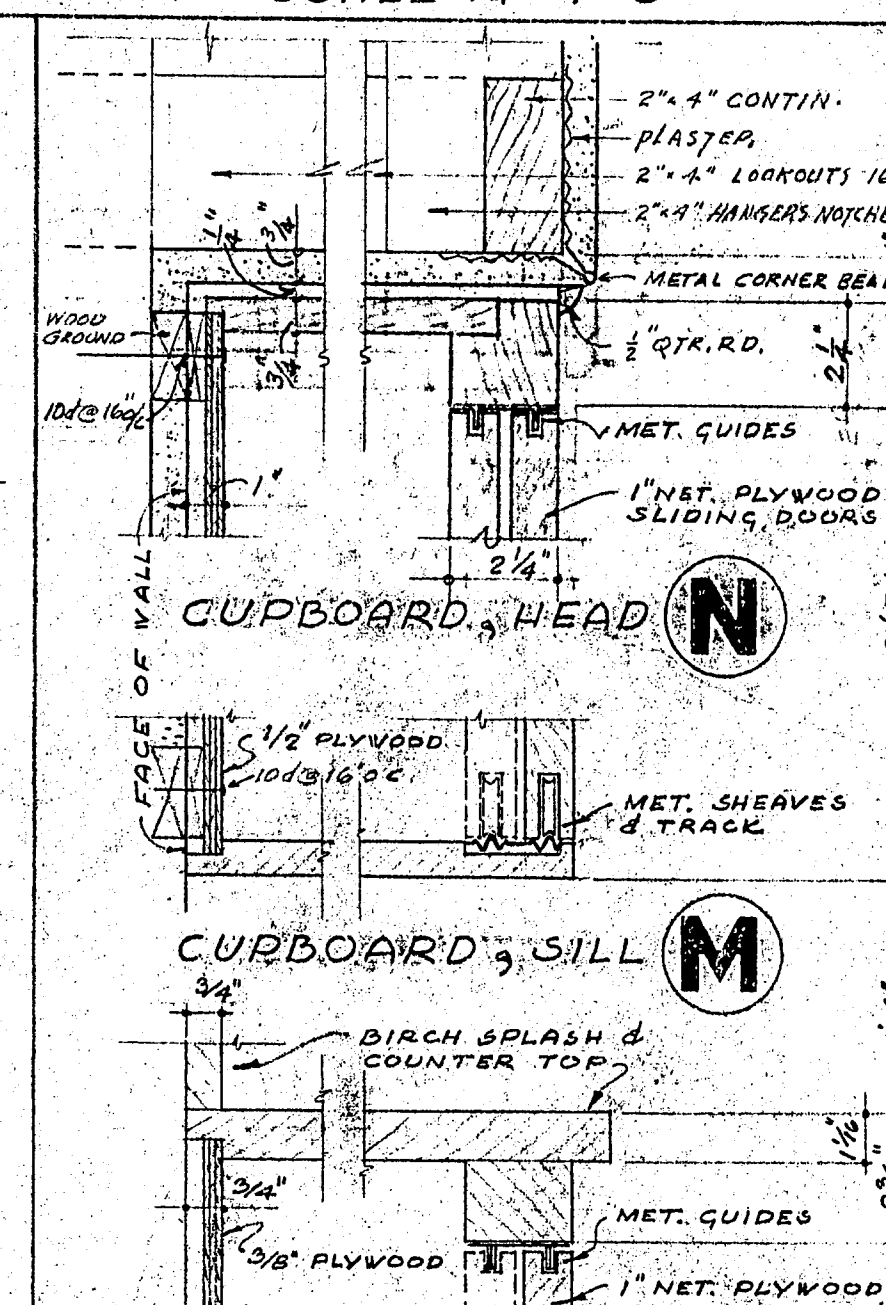
SECTION X



SECTION Y

SERVICE COUNTER SECTION K

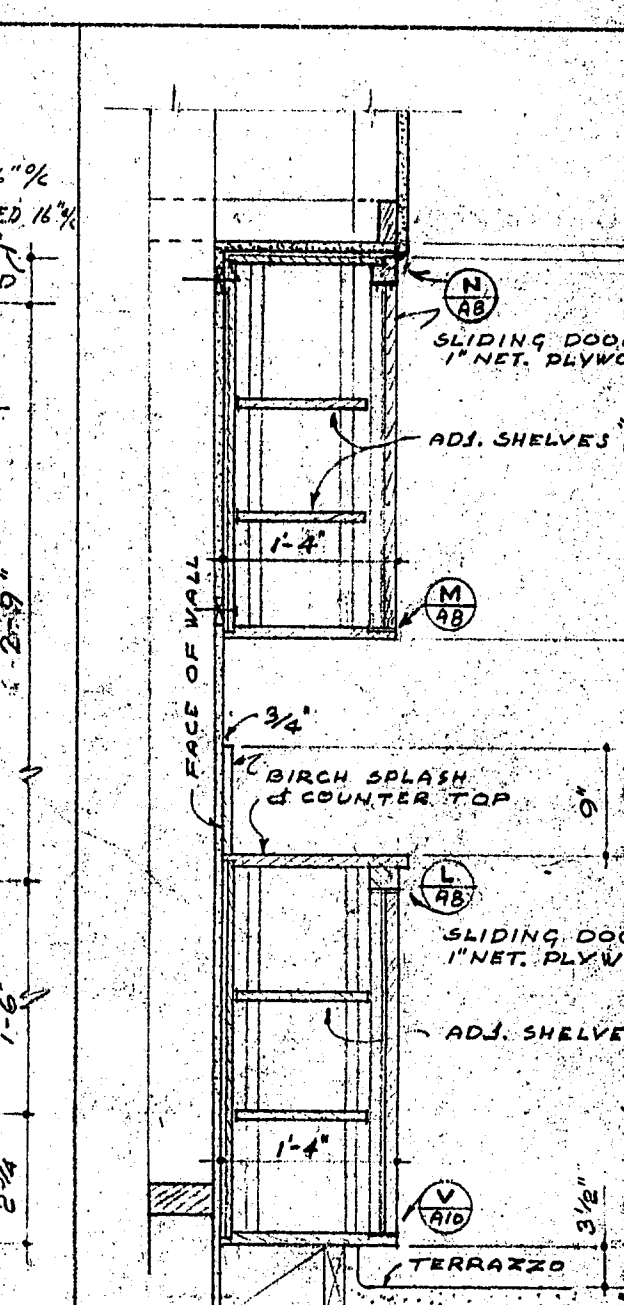
SCALE 1/2" = 1'-0"



SECTION Z

CABINET DETAILS

SCALE 3/4" = 1'-0"



SECTION AA

CAB. SECTION O

SCALE 3/4" = 1'-0"

APPROVED  
OFFICE OF THE SUPERINTENDENT OF SCHOOLS  
SAN DIEGO COUNTY  
J. H. Carroll  
Dated: FEB 2, 1950

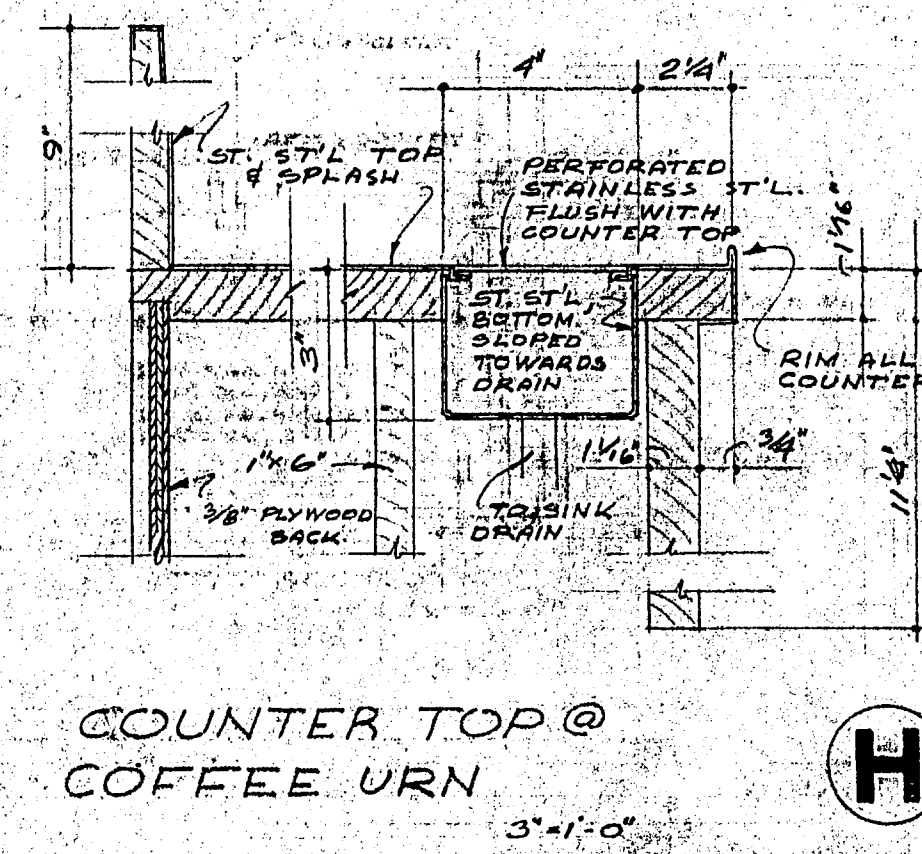
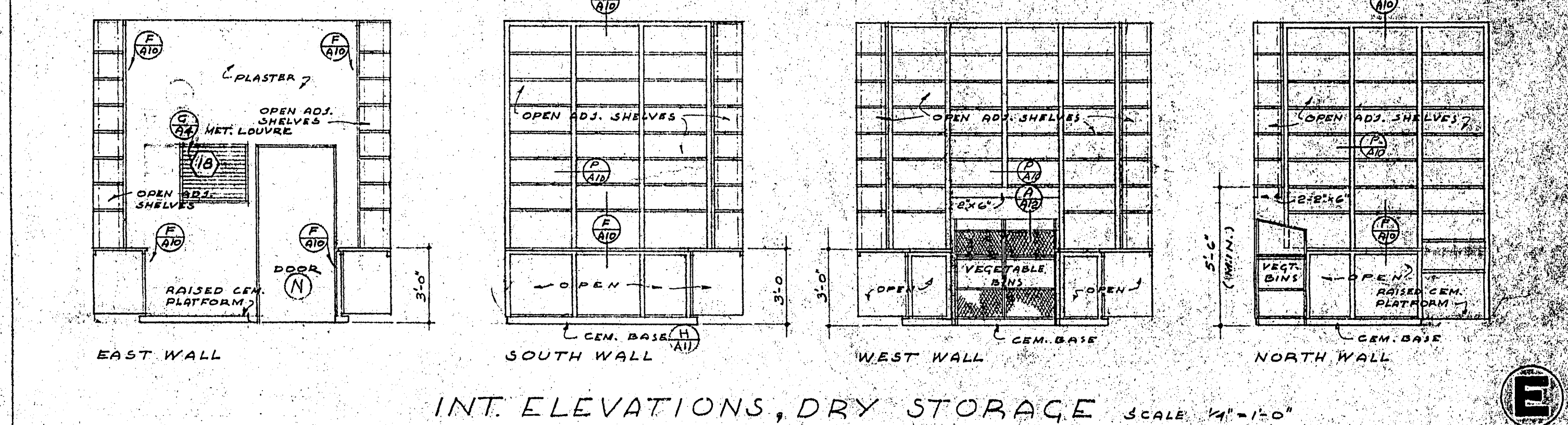
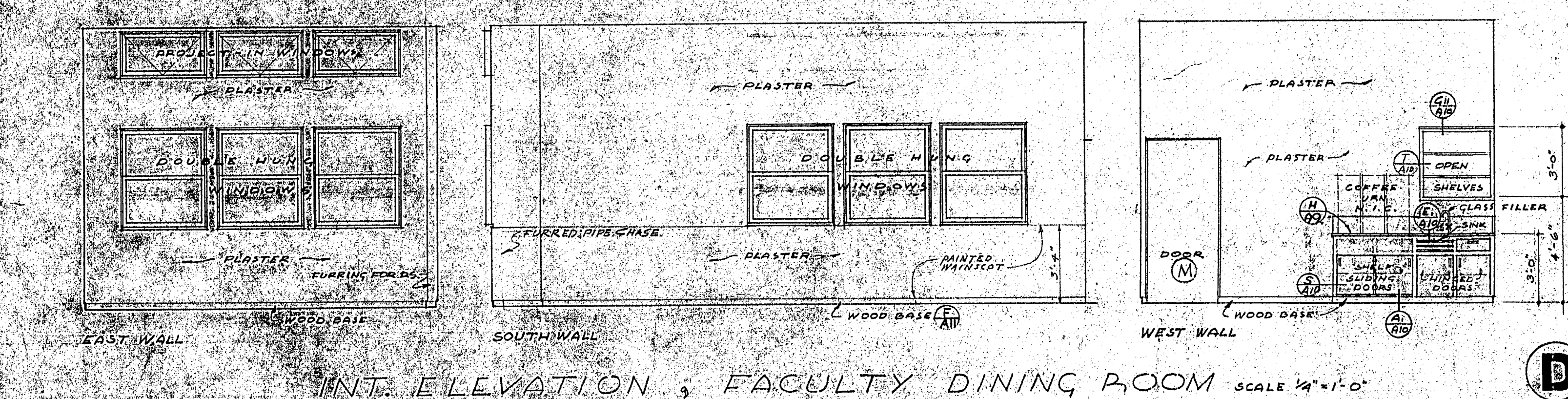
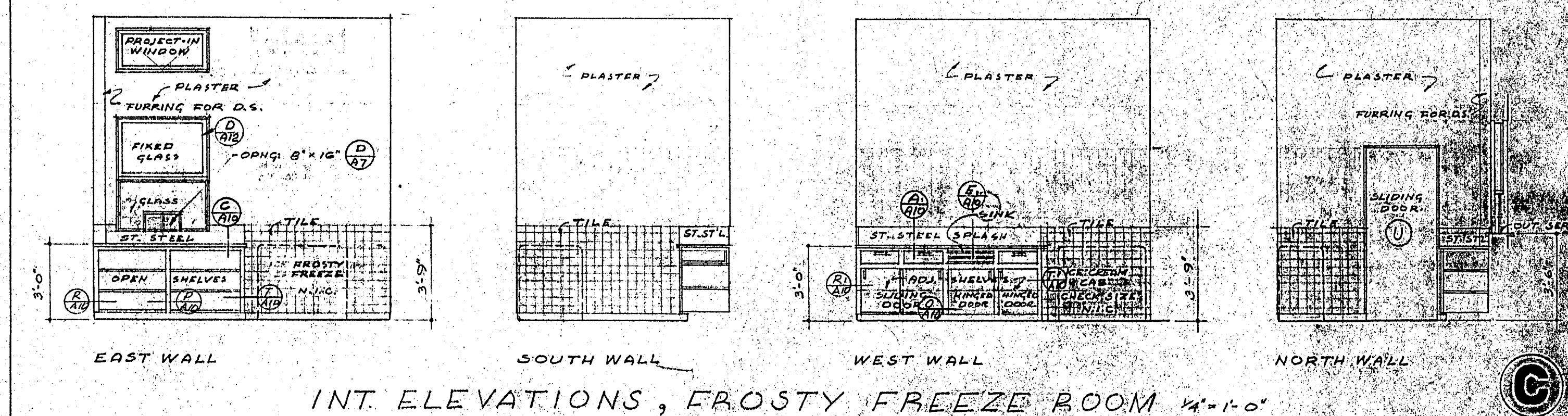
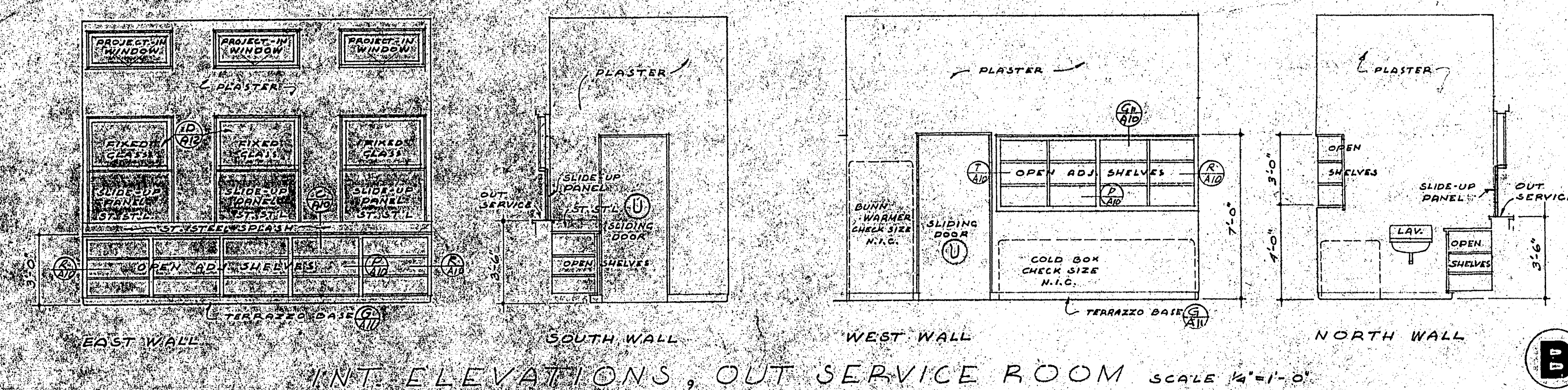
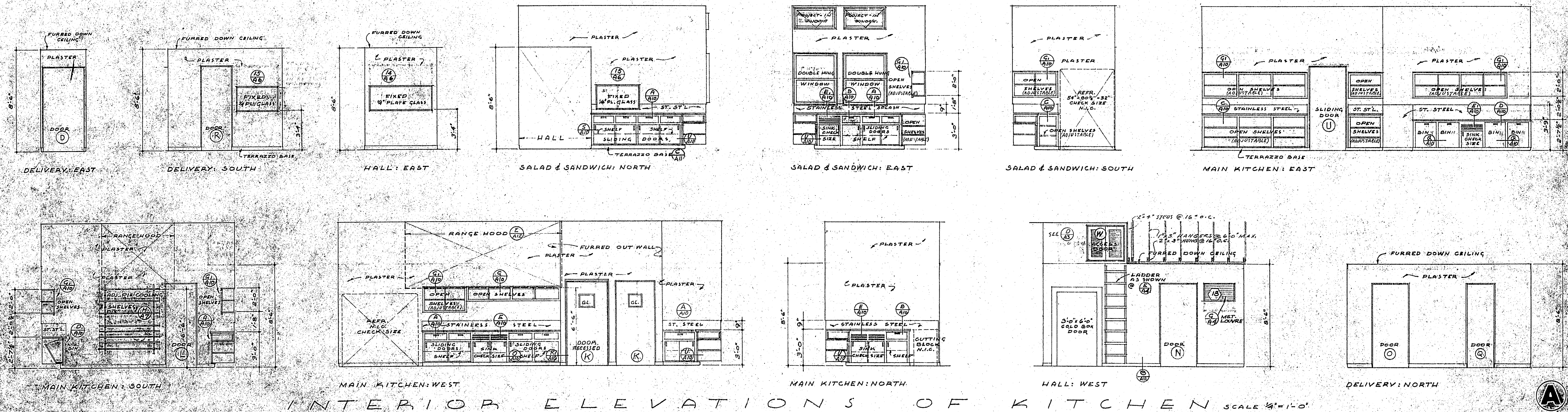
APPROVED  
BY  
BY  
BY  
BY  
BY  
MEMBERS OF GOVERNING BOARD  
GROSSMONT UNION HIGH SCHOOL DIST.

STATE OF CALIFORNIA - DEPT. OF PUBLIC WORKS  
DIVISION OF APPLICANT'S TITLE  
7694  
H. M. Polin  
ARCHITECT  
P. P. Curtis  
STRUCTURAL ENGINEER

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB  
INTERIOR ELEVATIONS & DETAILS  
SERVICE COUNTER ROOM  
CAFETERIA BUILDING  
FOR  
GROSSMONT UNION HIGH SCHOOL DISTRICT  
SAN DIEGO COUNTY, CALIFORNIA  
KISTNER, CURTIS & WRIGHT  
ARCHITECTS AND ENGINEERS  
LOS ANGELES, CALIF. SAN DIEGO, CALIF.

DATE: DEC 1949  
CHECKED BY: A8  
SHEET NO. 201, 3/7





NOTE: ALL CABINETS & HIGH CASE WORK SHALL BE SECURELY ANCHORED TO THE STRUCTURE.

APPROVED  
OFFICE of the SUPERINTENDENT of SCHOOLS  
SAN DIEGO COUNTY  
JOHN S. CARROLL  
Superintendent of Schools

APPROVED  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_

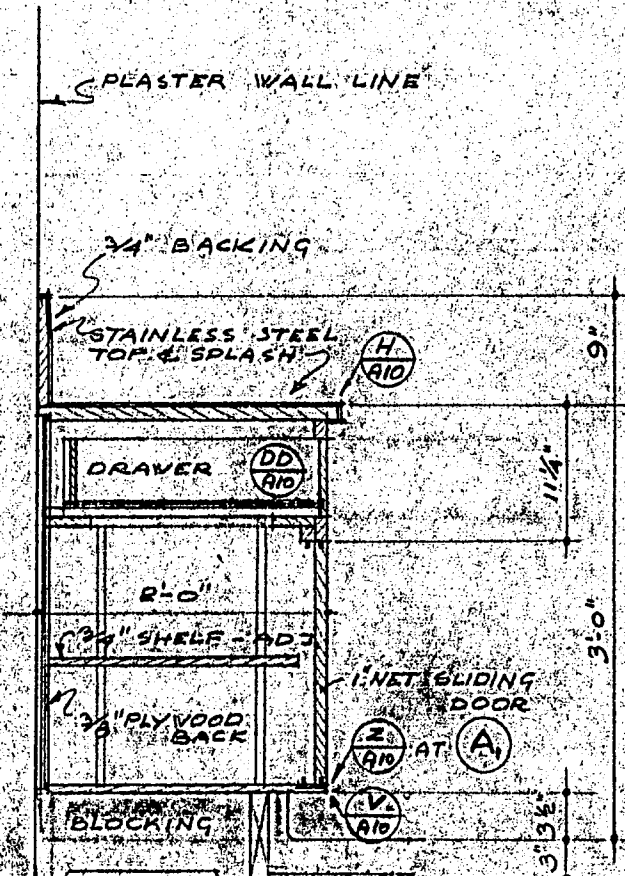
7684 Harry M. Bobb  
ARCHITECT

MEMBERS OF GOVERNING BOARD  
GROSSMONT UNION HIGH SCHOOL DIST.

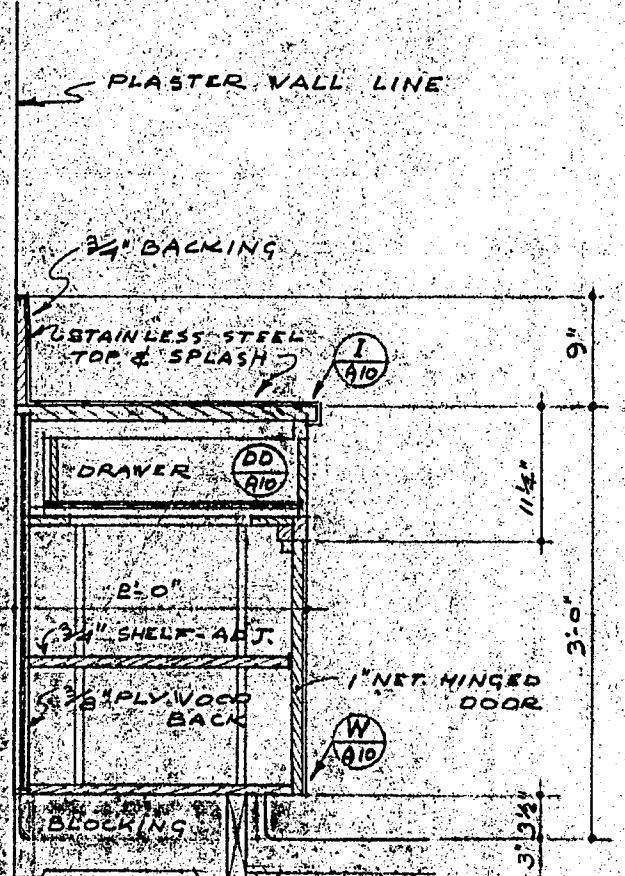
CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB  
INTERIOR ELEVATIONS  
CAFETERIA BUILDING  
FOR  
GROSSMONT UNION HIGH SCHOOL DISTRICT  
SAN DIEGO COUNTY, CALIFORNIA  
KISTNER, CURTIS & WRIGHT  
ARCHITECTS AND ENGINEERS  
LOS ANGELES, CALIF. SAN DIEGO, CALIF.

DATE: JUL 19 1950  
DRAWN BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_  
SHEET NO. 19  
OF 19

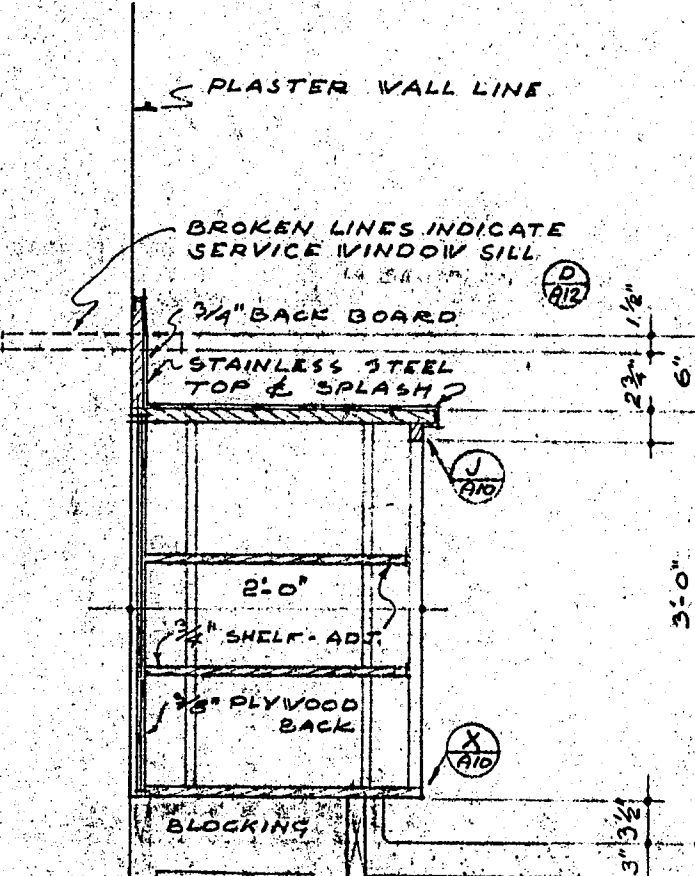




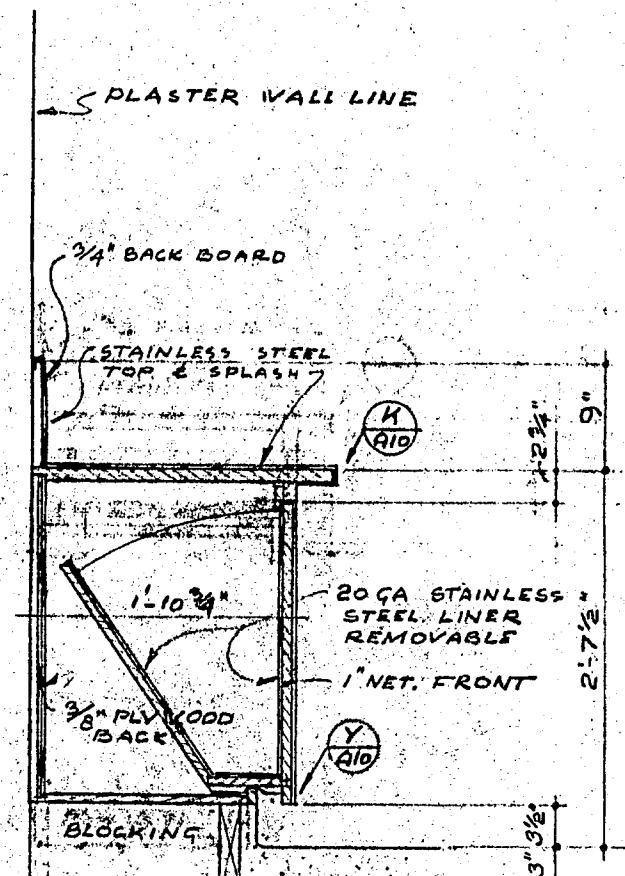
SECTION **A-A**  
SCALE: 3/4" = 1'-0"  
KITCHEN  
FACULTY DINING RM.



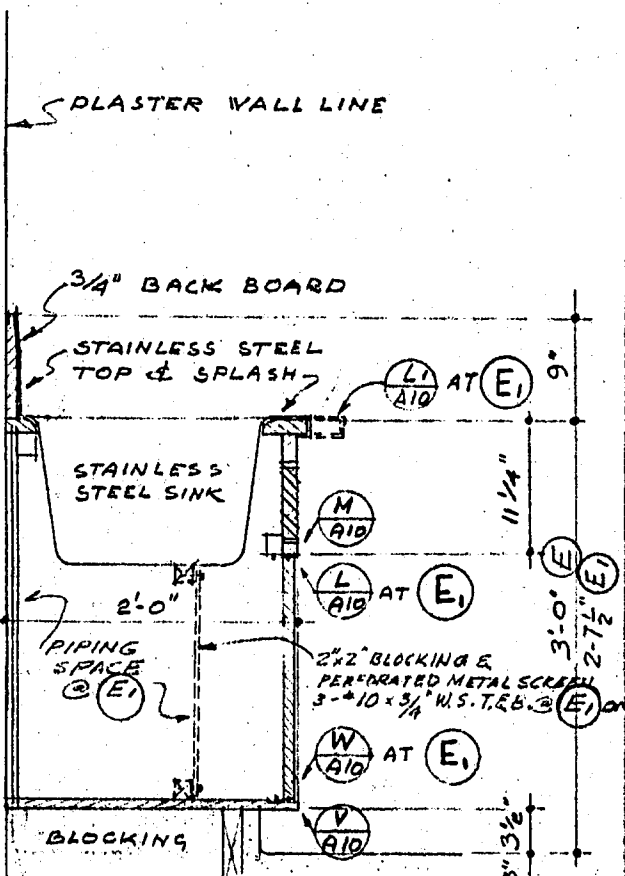
SECTION **B-B**  
SCALE: 3/4" = 1'-0"  
KITCHEN



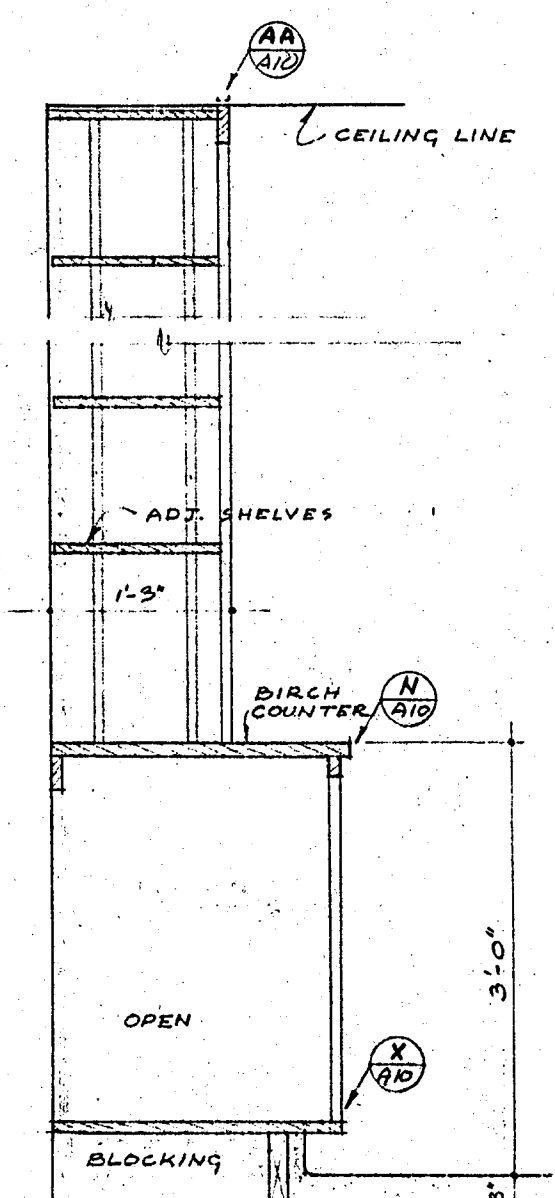
SECTION **C-C**  
SCALE: 3/4" = 1'-0"  
KITCHEN  
OUT SERVICE



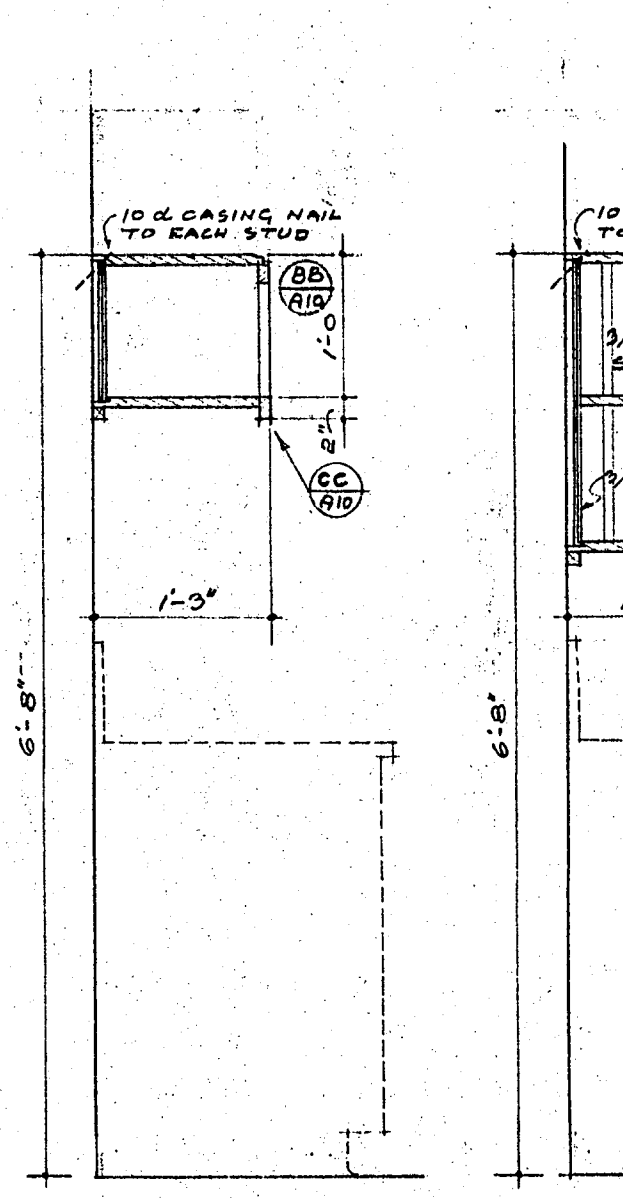
SECTION **D-D**  
SCALE: 3/4" = 1'-0"  
KITCHEN



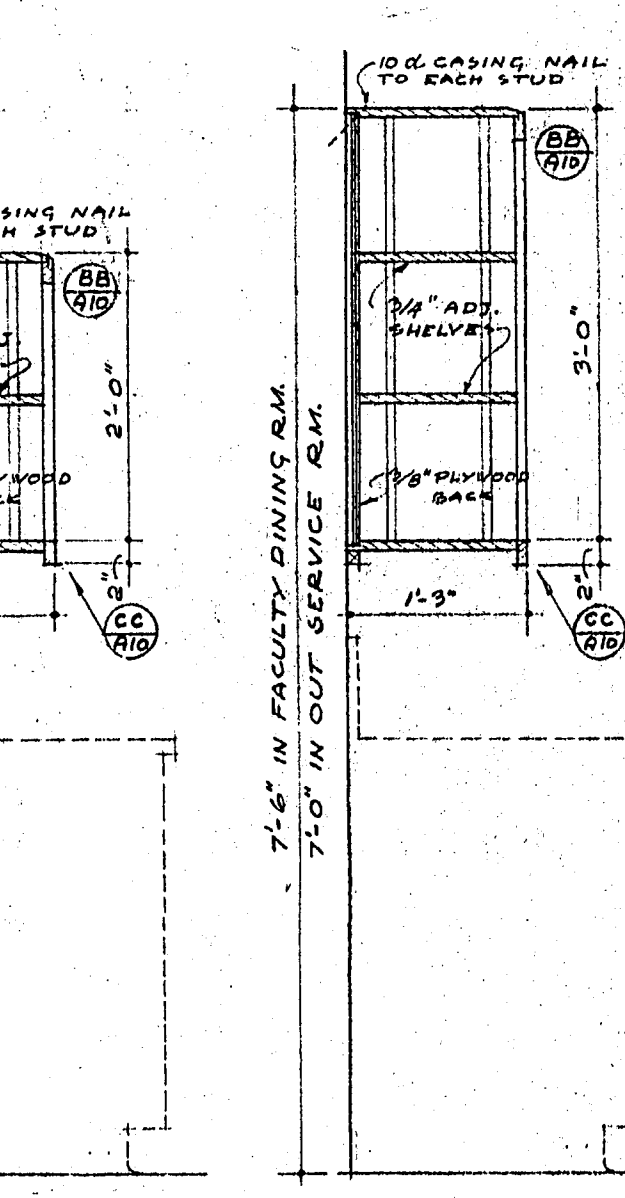
SECTION **E-E**  
SCALE: 3/4" = 1'-0"  
KITCHEN



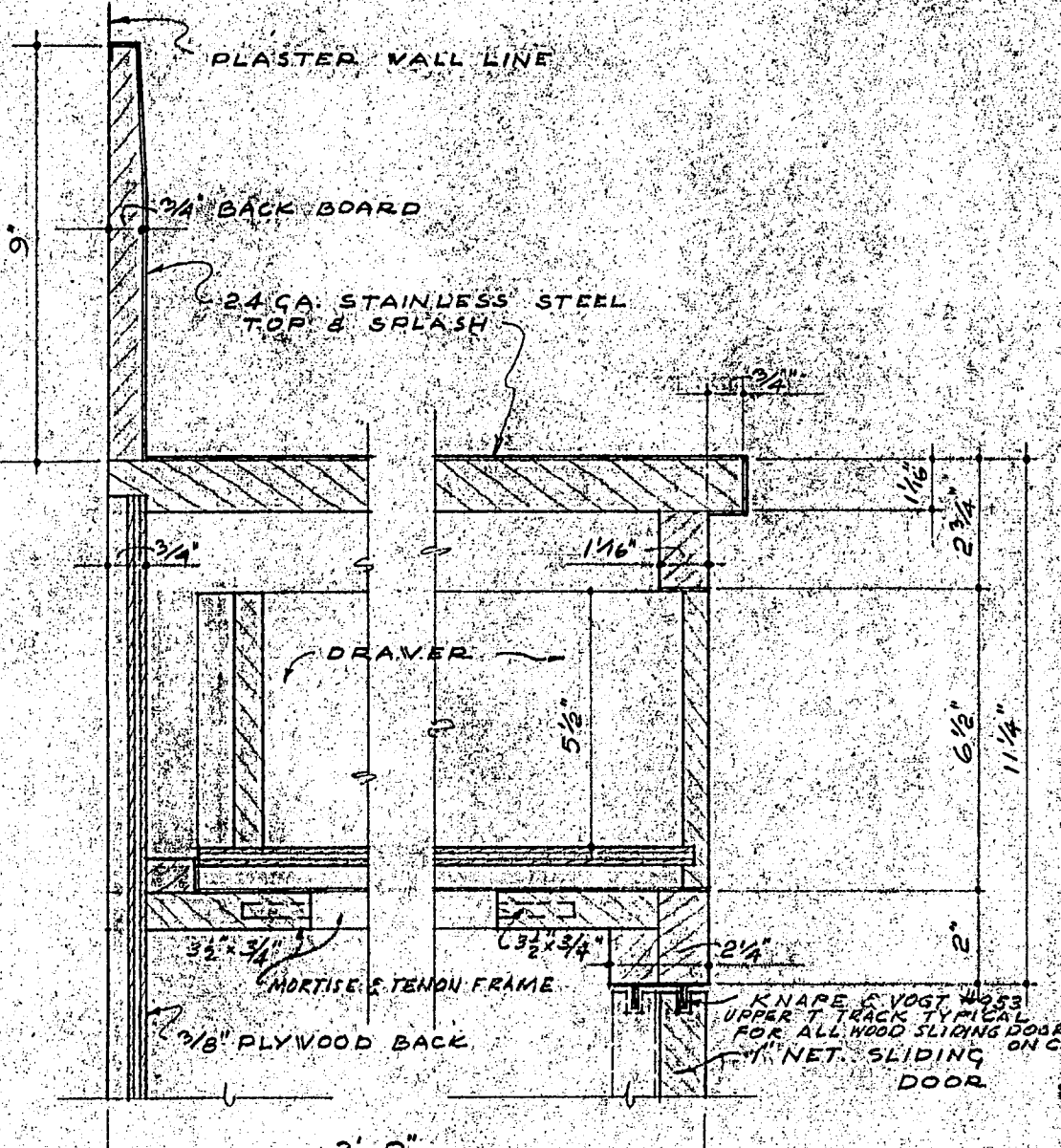
SECTION **F-F**  
SCALE: 3/4" = 1'-0"  
DRY STORAGE



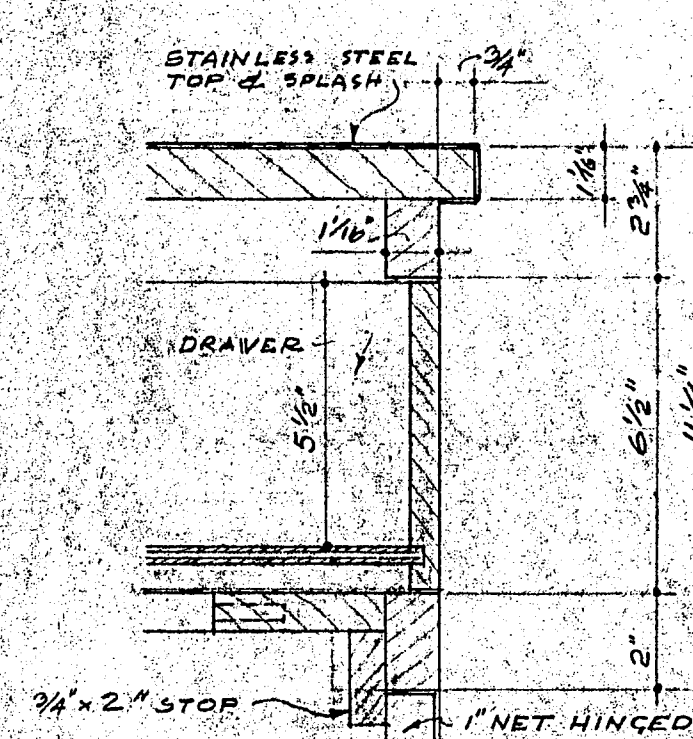
SECTION **G-G**  
SCALE: 3/4" = 1'-0"  
KITCHEN



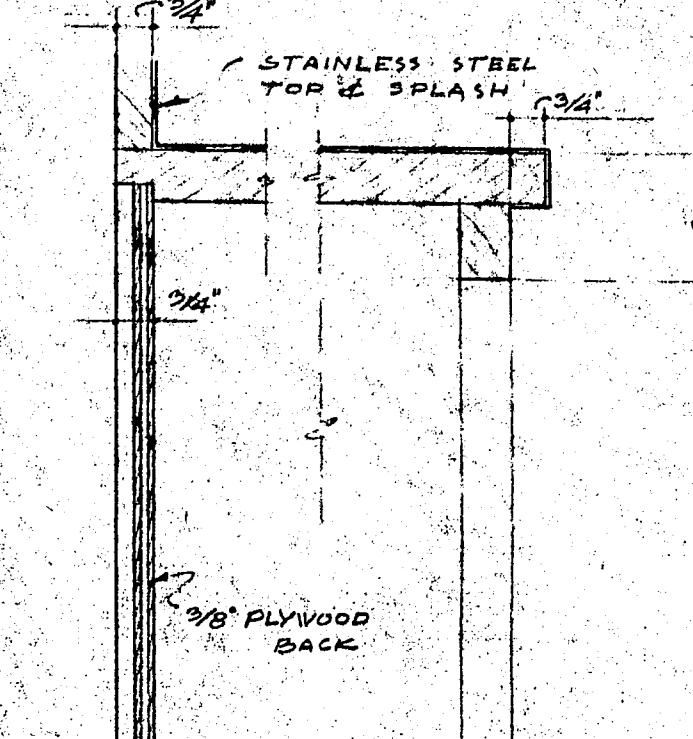
SECTION **H-H**  
SCALE: 3/4" = 1'-0"  
OUT SERVICE  
FACULTY DINING RM.



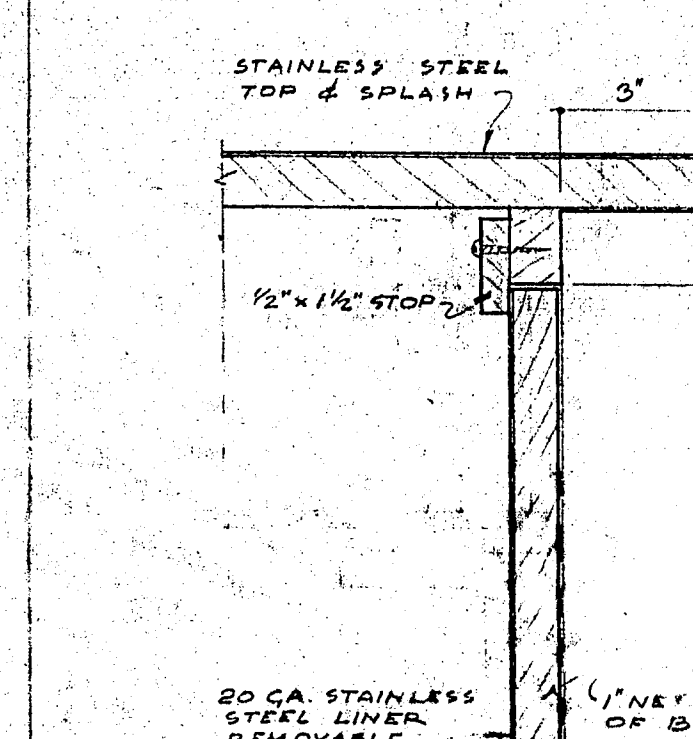
SECTION **H-H**  
SCALE: 3/4" = 1'-0"  
COUNTER TOP  
DRAWER, SLIDING DOOR



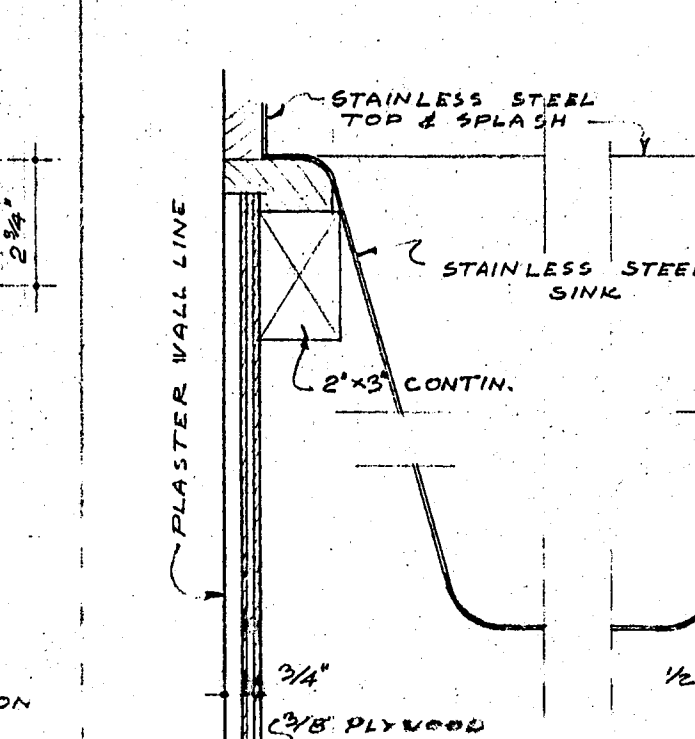
SECTION **I-I**  
SCALE: 3/4" = 1'-0"  
COUNTER TOP  
DRAWER, HINGED DOOR



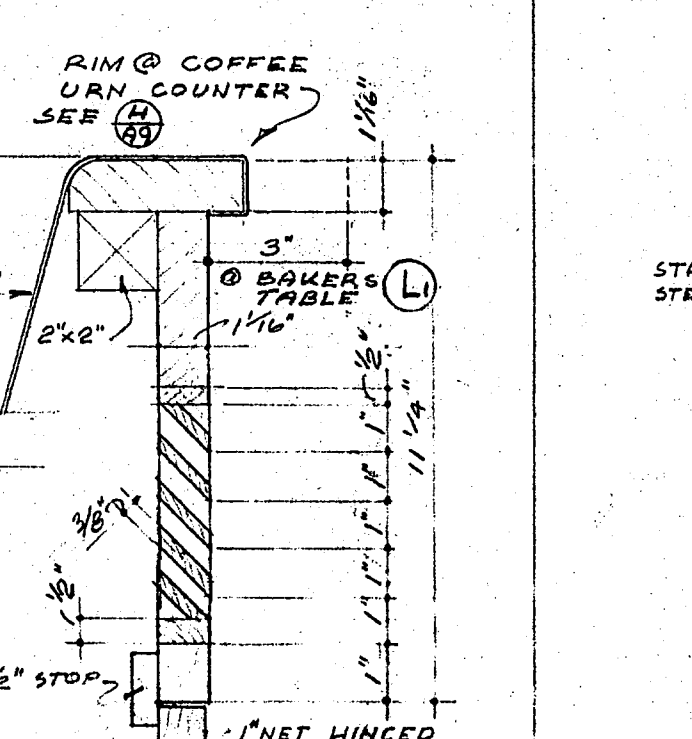
SECTION **J-J**  
SCALE: 3/4" = 1'-0"  
COUNTER TOP  
OPEN SHELVES



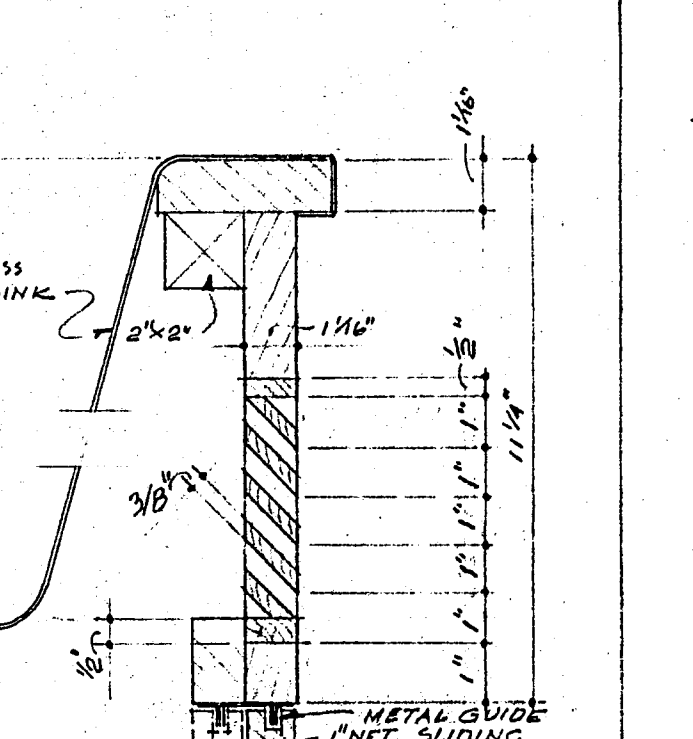
SECTION **K-K**  
SCALE: 3/4" = 1'-0"  
COUNTER TOP  
BIN, BAKERS TABLE



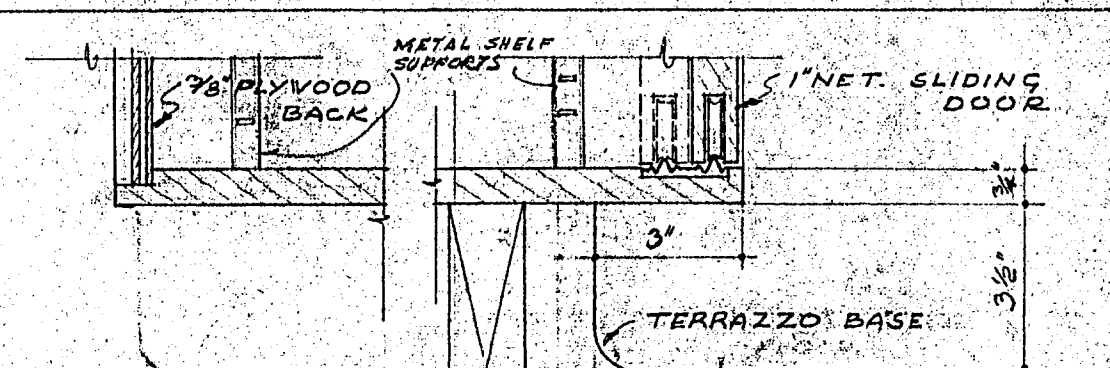
SECTION **L-L**  
SCALE: 3/4" = 1'-0"  
COUNTER TOP  
SINK, HINGED DOOR



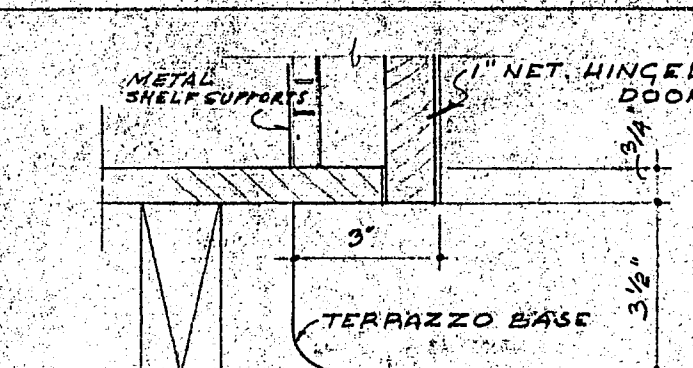
SECTION **M-M**  
SCALE: 3/4" = 1'-0"  
COUNTER TOP  
SINK, SLIDING DOOR



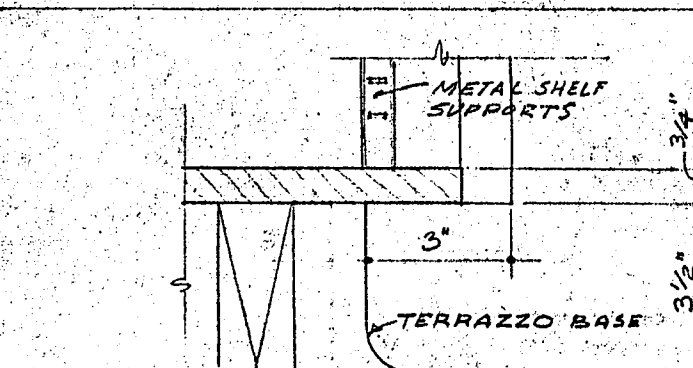
SECTION **N-N**  
SCALE: 3/4" = 1'-0"  
COUNTER TOP  
OPEN SHELVES, DRY STORAGE



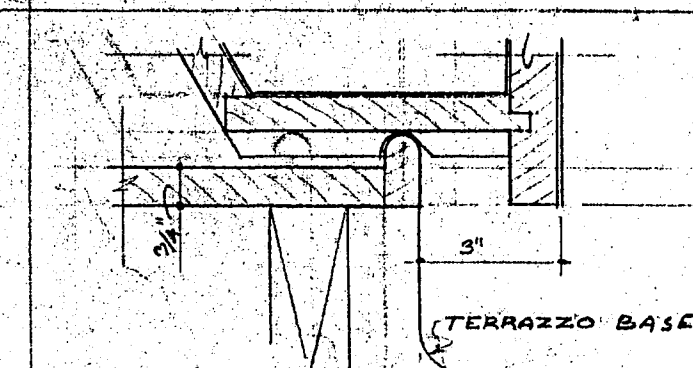
SECTION **V-V**  
SCALE: 3/4" = 1'-0"  
BASE  
SLIDING DOOR



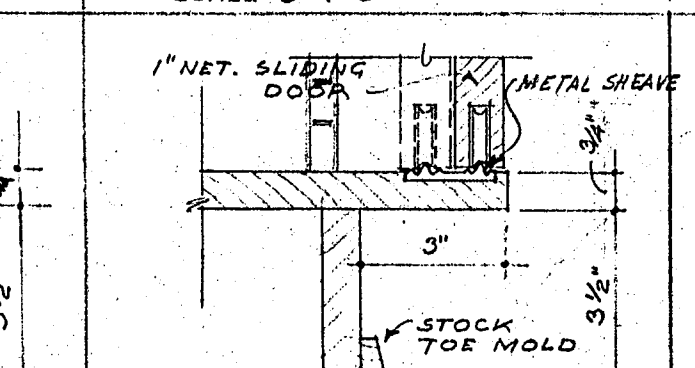
SECTION **W-W**  
SCALE: 3/4" = 1'-0"  
BASE  
HINGED DOOR



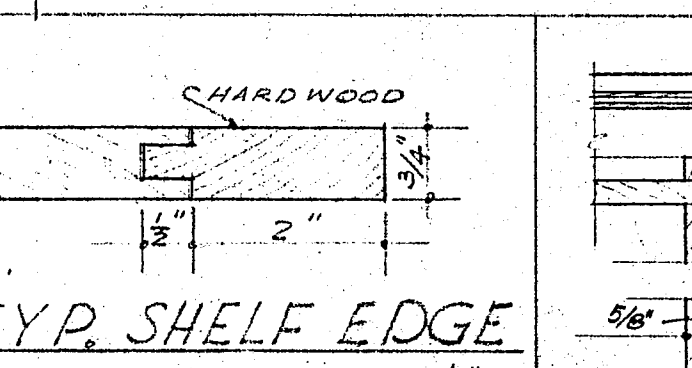
SECTION **X-X**  
SCALE: 3/4" = 1'-0"  
BASE  
OPEN SHELVES



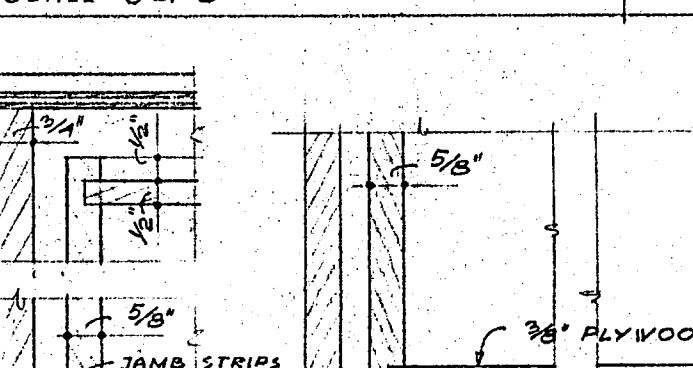
SECTION **Y-Y**  
SCALE: 3/4" = 1'-0"  
BASE  
BIN, BAKERS TABLE



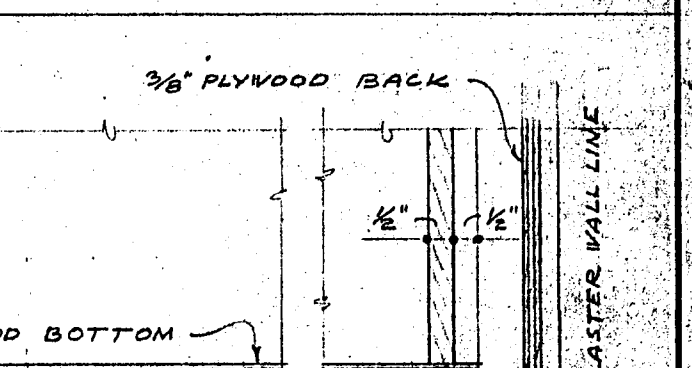
SECTION **Z-Z**  
SCALE: 3/4" = 1'-0"  
BASE  
FACULTY DINING RM.



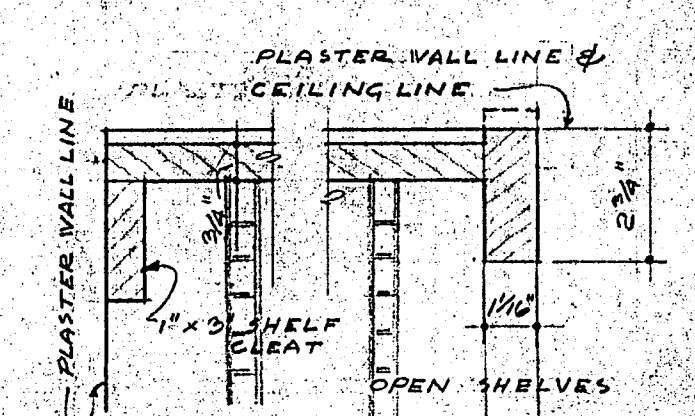
SECTION **ZZ**  
SCALE: 3/4" = 1'-0"  
TYP SHELF EDGE



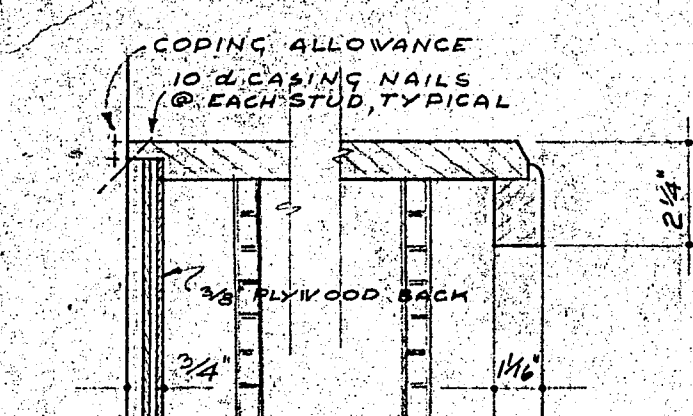
SECTION **TT**  
SCALE: 3/4" = 1'-0"  
OUTSIDE END  
OPEN SHELVES, HINGED DOORS



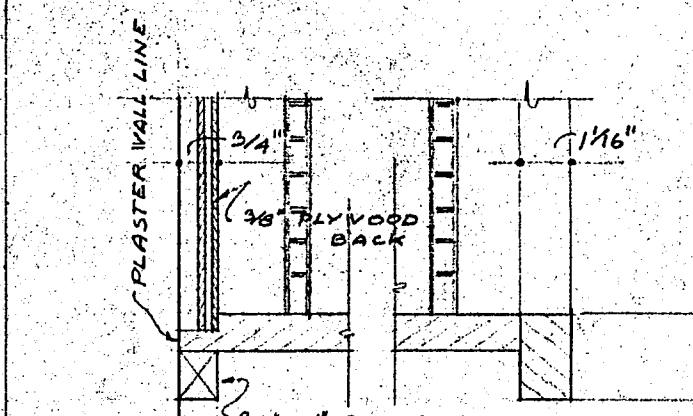
SECTION **U-U**  
SCALE: 3/4" = 1'-0"  
MULLION  
CORNER



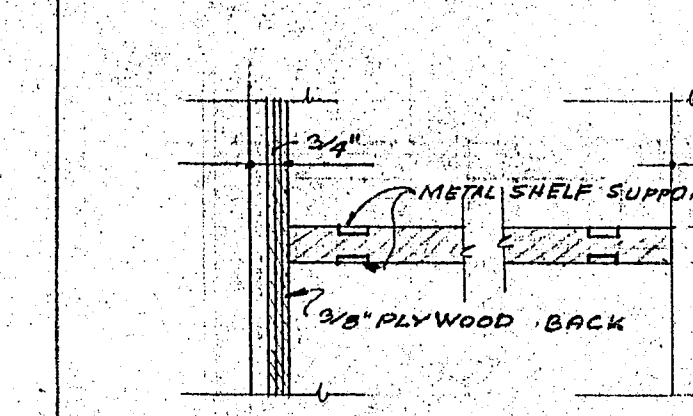
SECTION **AA**  
SCALE: 3/4" = 1'-0"  
TOP  
OPEN SHELVES, DRY STORAGE



SECTION **BB**  
SCALE: 3/4" = 1'-0"  
TOP, SIDE  
OPEN SHELVES



SECTION **CC**  
SCALE: 3/4" = 1'-0"  
BOTTOM, RAIL  
OPEN SHELVES



SECTION **EE**  
SCALE: 3/4" = 1'-0"  
MULLION  
OPEN SHELVES

NOTE: ALL CABINETS AND HIGH CASE WORK SHALL BE SECURELY ANCHORED TO THE STRUCTURE

APPROVED  
OFFICE OF THE SUPERINTENDENT OF SCHOOLS  
SAN DIEGO COUNTY  
John S. Carroll  
JOHN S. CARROLL  
Dated: FEB 2 1950

APPROVED  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_

MEMBERS OF GOVERNING BOARD  
GROSSMONT UNION HIGH SCHOOL DIST.

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

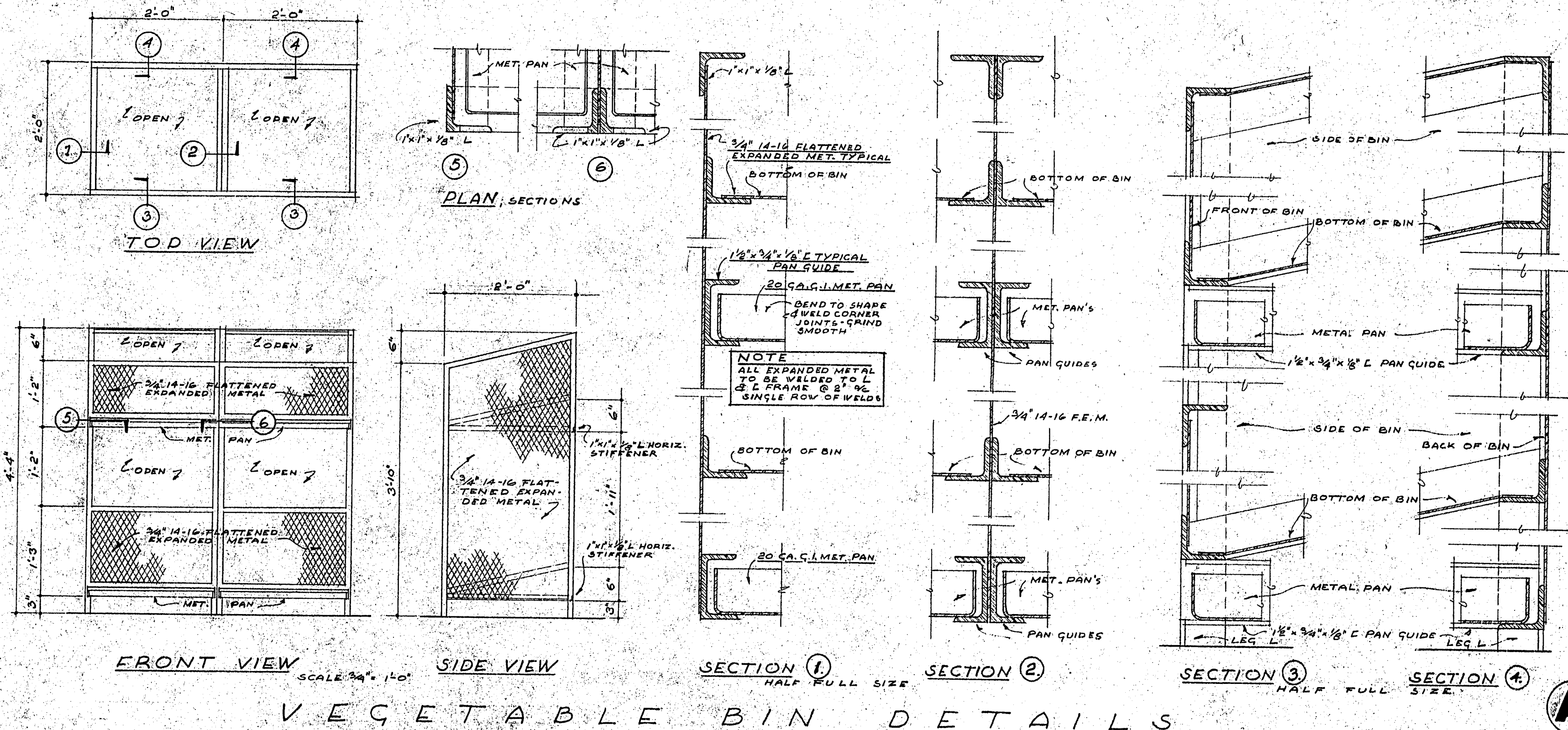
CABINET DETAILS  
CAFETERIA BUILDING  
FOR  
GROSSMONT UNION HIGH SCHOOL DISTRICT  
SAN DIEGO COUNTY, CALIFORNIA  
KISTNER, CURTIS & WRIGHT  
ARCHITECTS AND ENGINEERS  
LOS ANGELES, CALIF. SAN DIEGO, CALIF.

DATE: DEC 1943  
DR. BY  
CHECKED BY  
SHEET NO. 10  
JOB NO. 20137



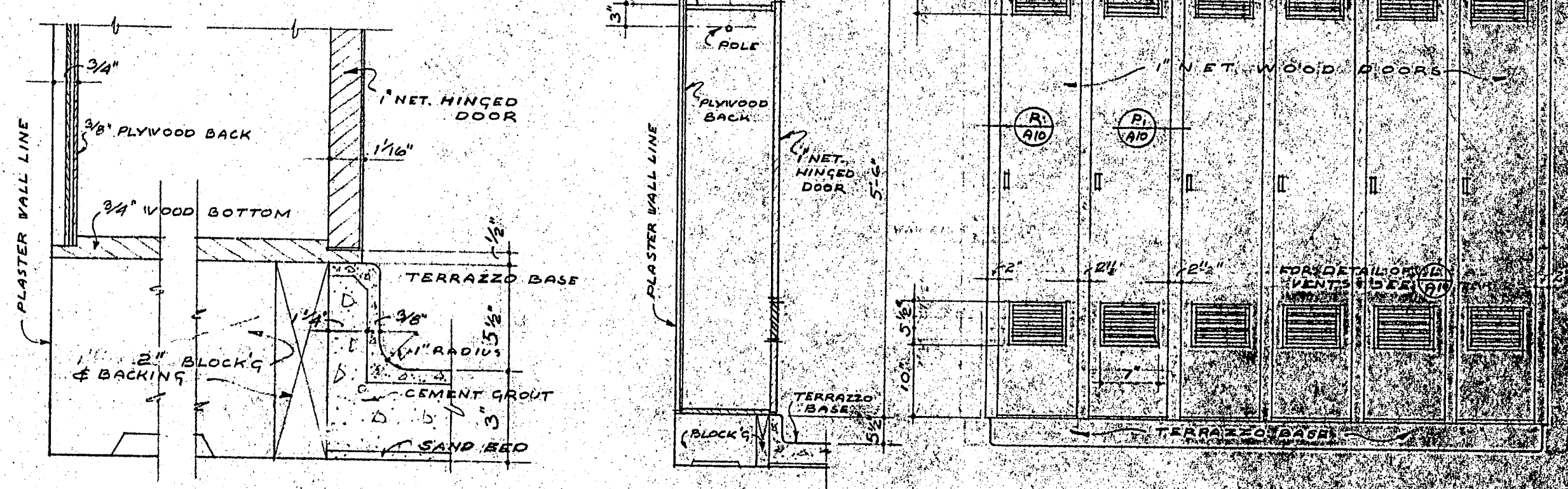
SHEET NO. 1





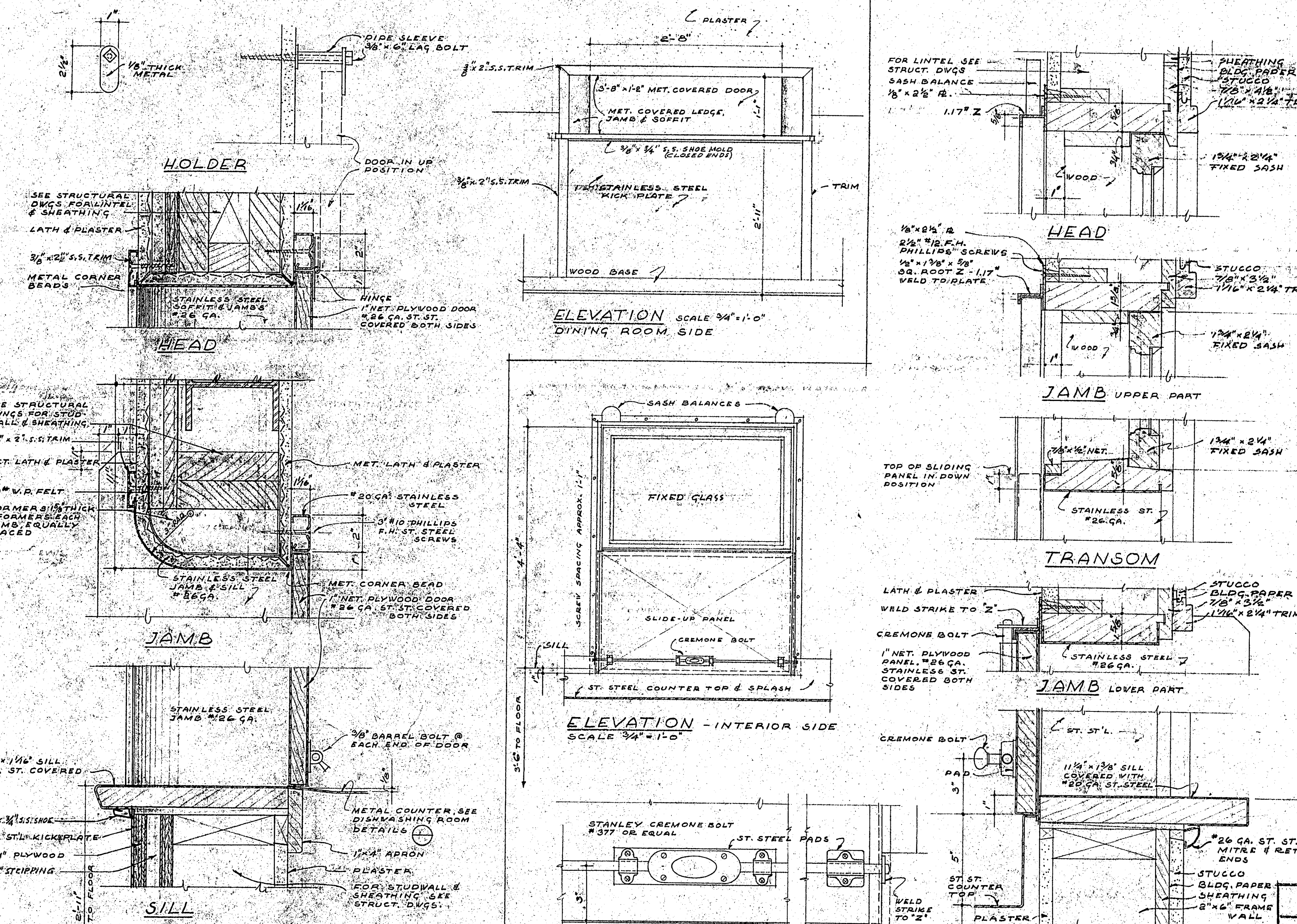
FRONT VIEW SCALE 3/4" = 1'-0" SIDE VIEW SCALE 3/4" = 1'-0" SECTION 1 HALF FULL SIZE SECTION 2 HALF FULL SIZE SECTION 3 HALF FULL SIZE SECTION 4 HALF FULL SIZE

# VEGETABLE BIN DETAILS



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

# WOOD LOCKERS

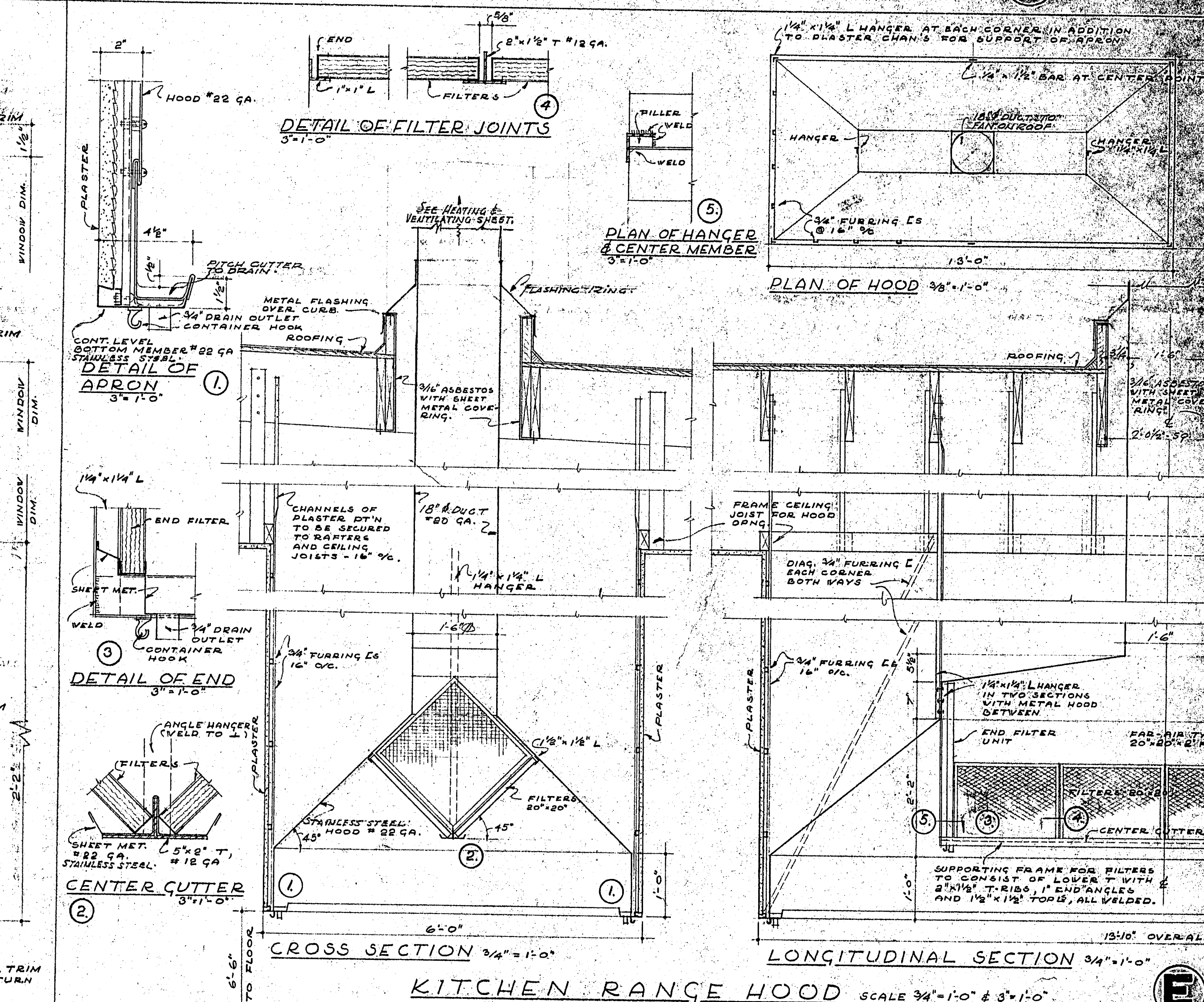


OPENING BET. DINING HALL & DISHWASHING AREA

DETAILS SCALE 3/4" = 1'-0" AS NOTED



LOCK DETAIL SCALE 3'0" = 1'-0" SLIDE-UP PANELS IN OUT SERVICE ROOM, DETAILS SCALE 3'0" = 1'-0" AS NOTED



CROSS SECTION 3/4" = 1'-0" LONGITUDINAL SECTION 3/4" = 1'-0" KITCHEN RANGE HOOD SCALE 3/4" = 1'-0" & 3'0" = 1'-0"

APPROVED  
OFFICE OF THE SUPERINTENDENT OF SCHOOLS  
SAN DIEGO COUNTY  
JOHN S. CARROLL  
Superintendent of Schools  
FEB 2 1950

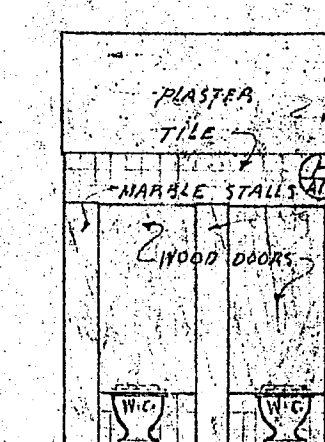
APPROVED  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_

STATE OF CALIFORNIA  
COUNTY OF SAN DIEGO  
7694  
Harry M. Bolin  
SUPERVISOR, STRUCTURAL ENGINEER

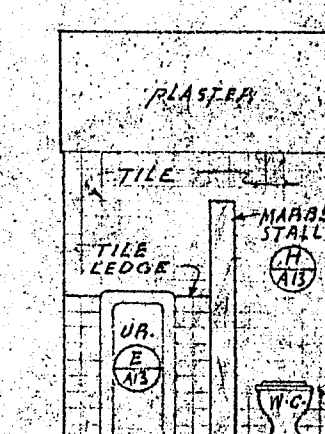
CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB  
MISCELLANEOUS DETAILS  
CAFETERIA BUILDING  
FOR  
GROSSMONT UNION HIGH SCHOOL DISTRICT  
SAN DIEGO COUNTY, CALIFORNIA  
KISTNER, CURTIS & WRIGHT  
ARCHITECTS AND ENGINEERS  
LOS ANGELES, CALIF. SAN DIEGO, CALIF.



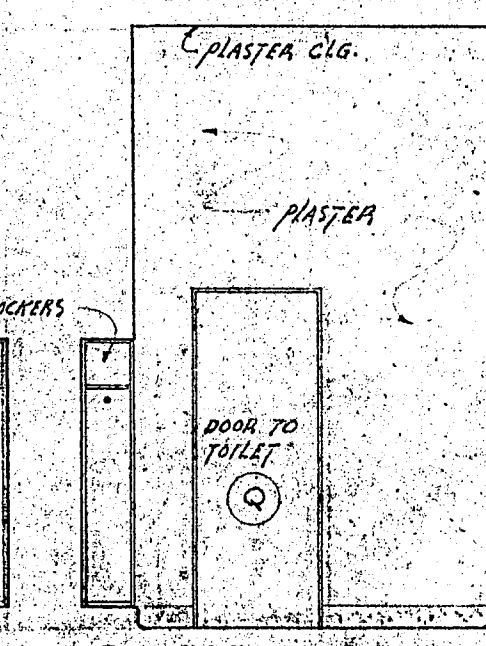




NORTH EAST SOU  
GIRL'S TOILET ROOM ELEVATIONS

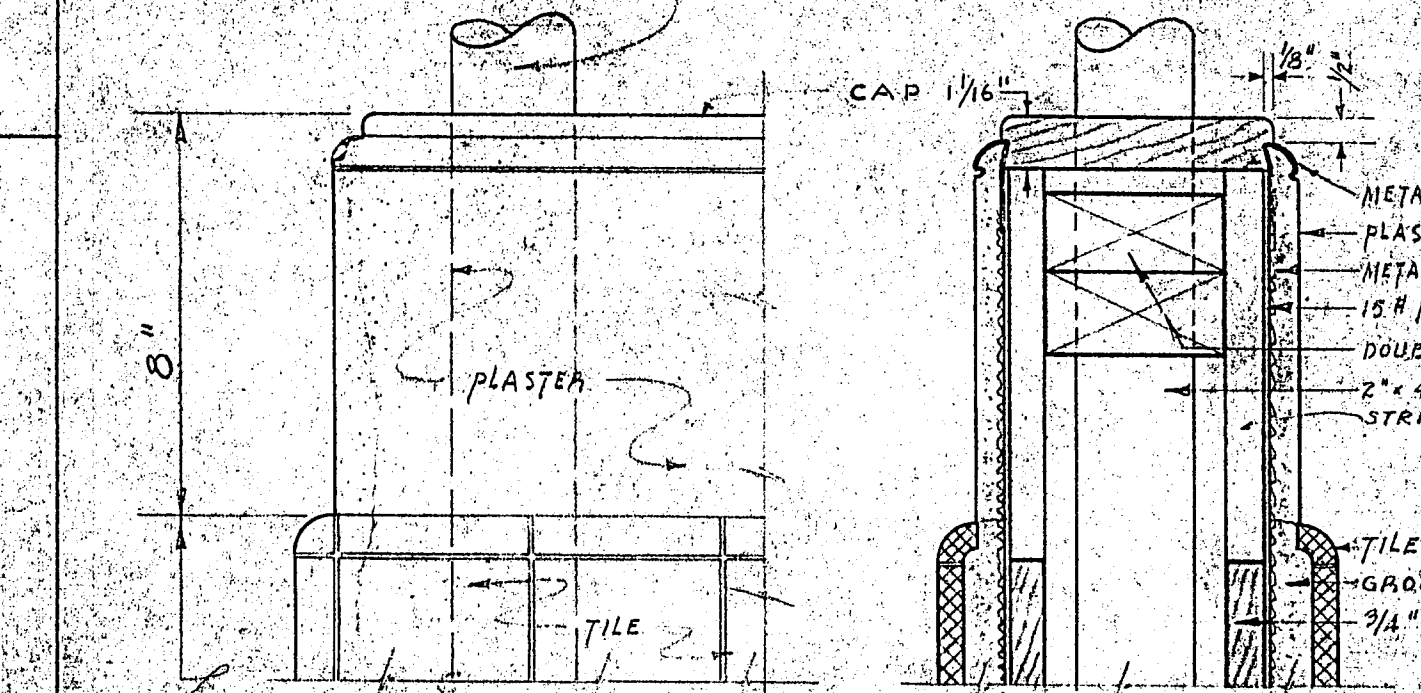
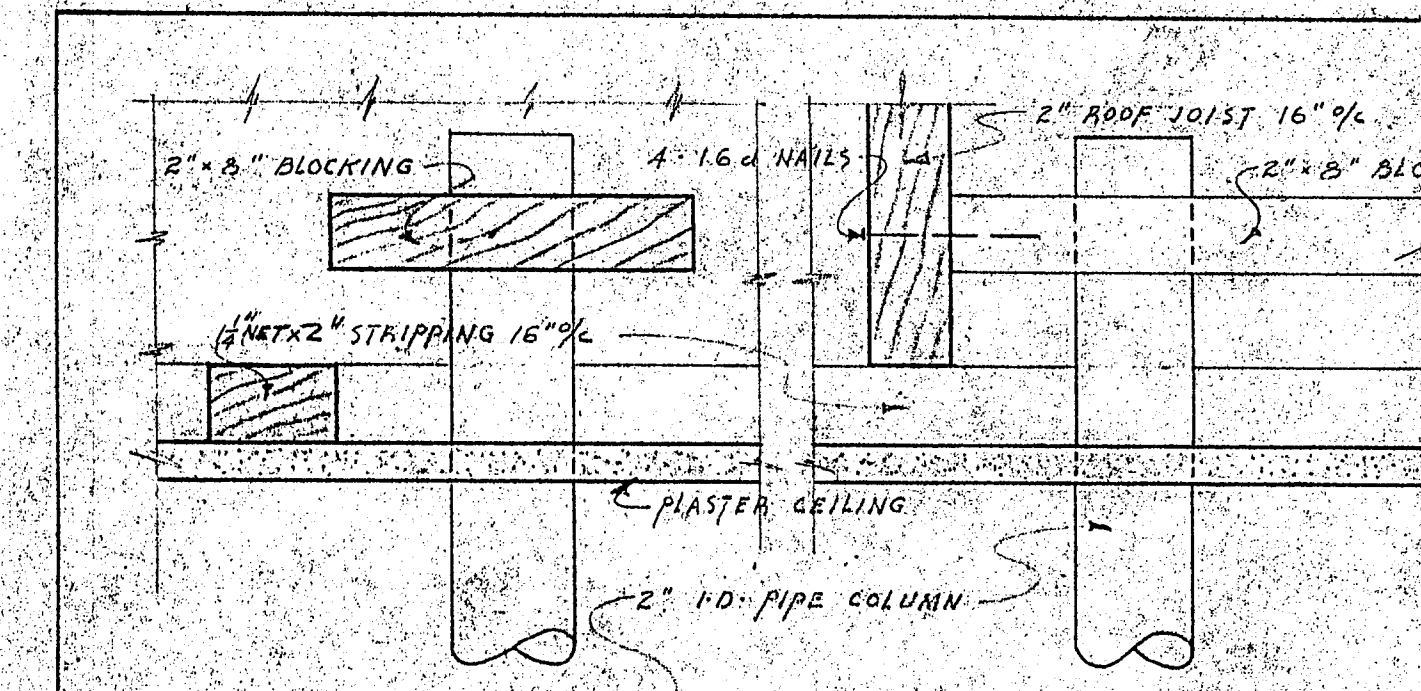


SOUTH                      WEST                      NORTH  
BOY'S TOILET    ROOM    ELEVATIONS

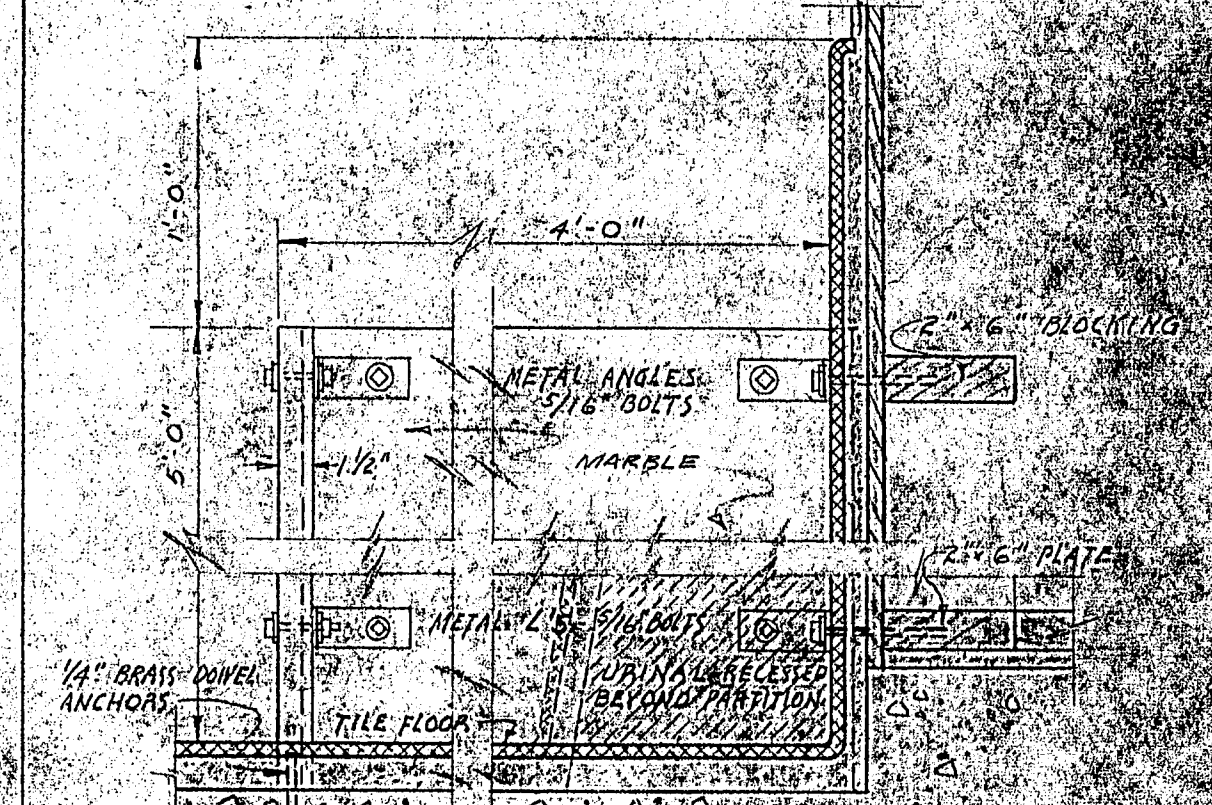


TOILET ROOM  
LAYOUTS  
SCALE: 1/4" = 1'-0"

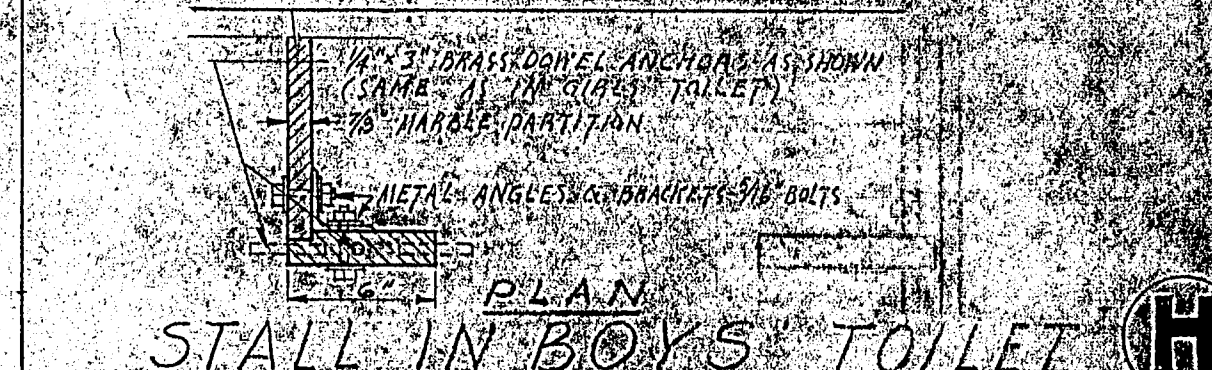
WEST NORTH EAST SOUTH  
EMPLOYEE'S TOILET & LOCKER ROOM ELEVATIONS



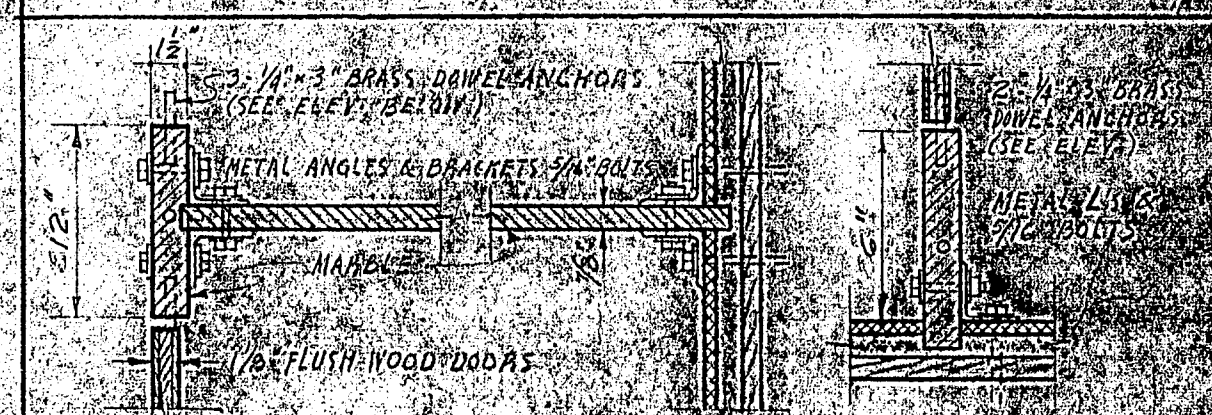
DETAIL OF SCREEN WALL



PARTITION ELEVATION



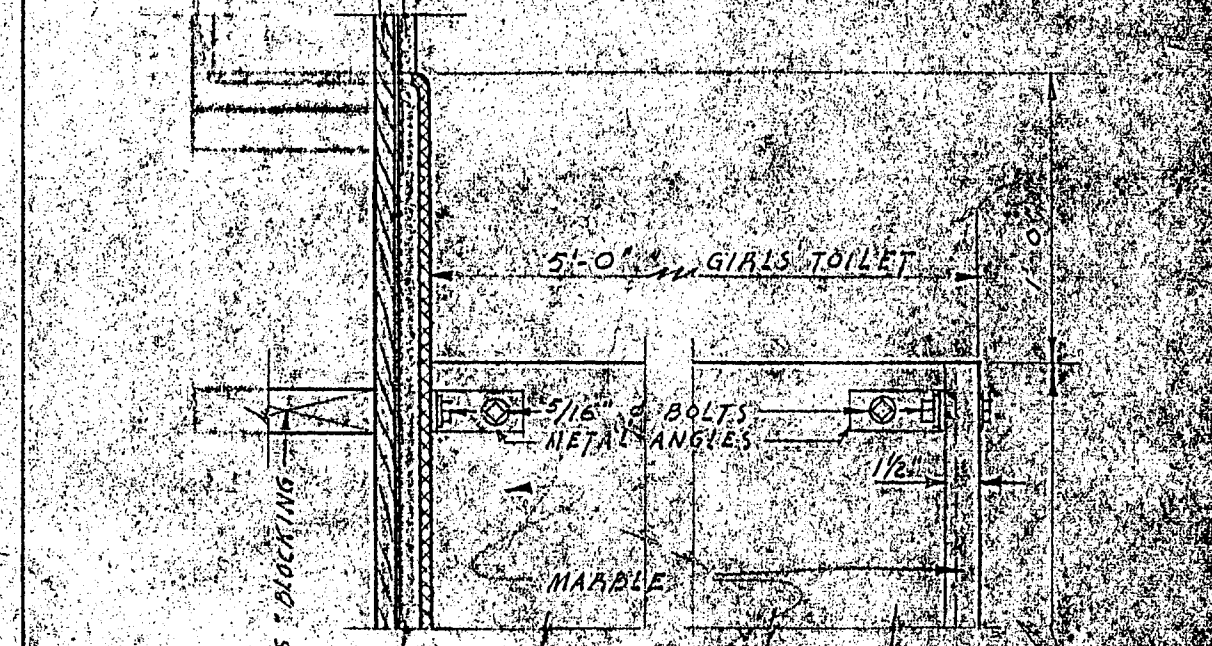
STALL IN BOYS TOILET



PLAN AT PARTITION	PLAN AT HALL
STALL IN GIRLS TOILET	

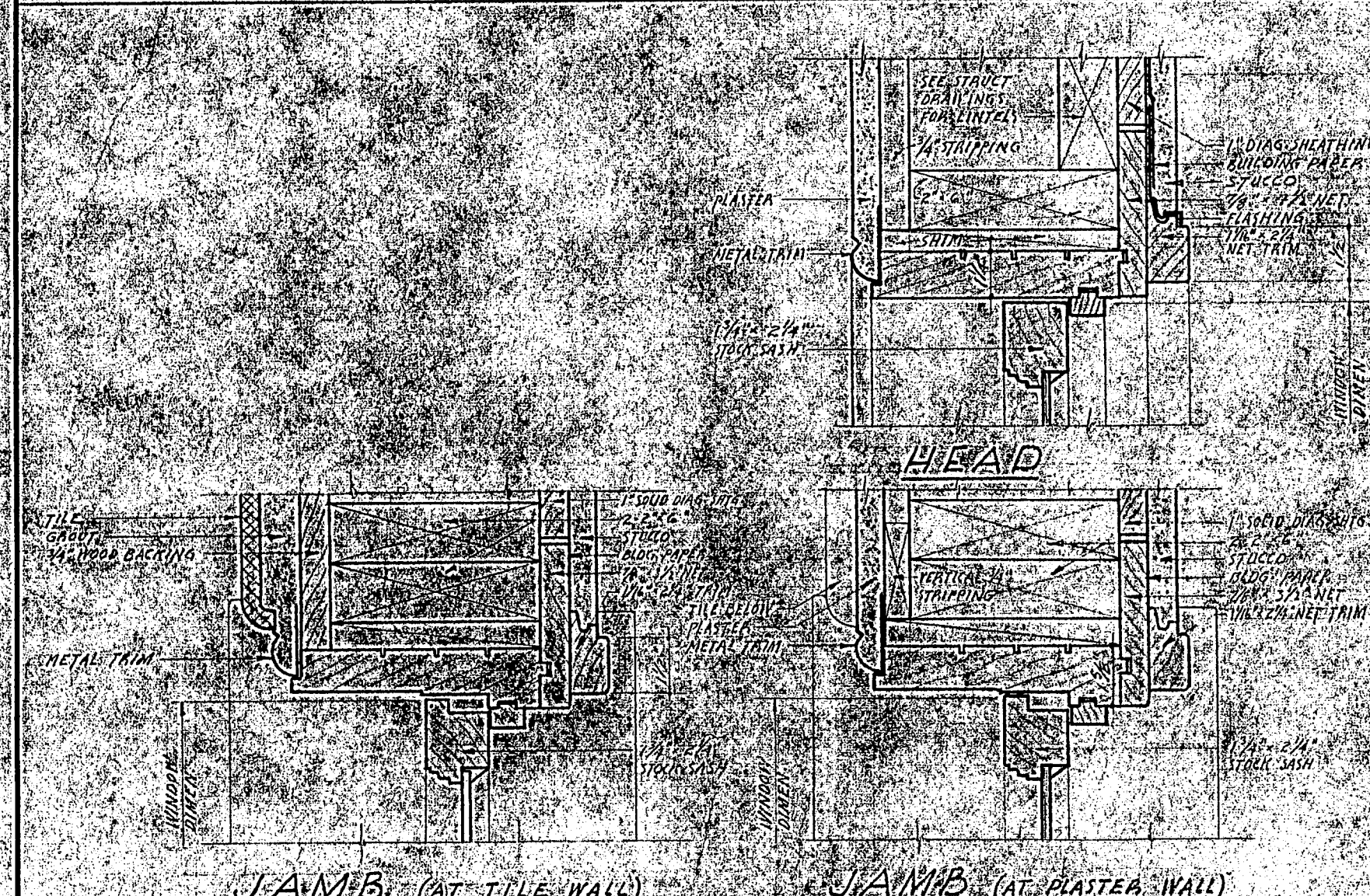


AT PARTITION STILE AT WALL  
PART ELEVATION OF STILES  
SHOWING ANCHORS



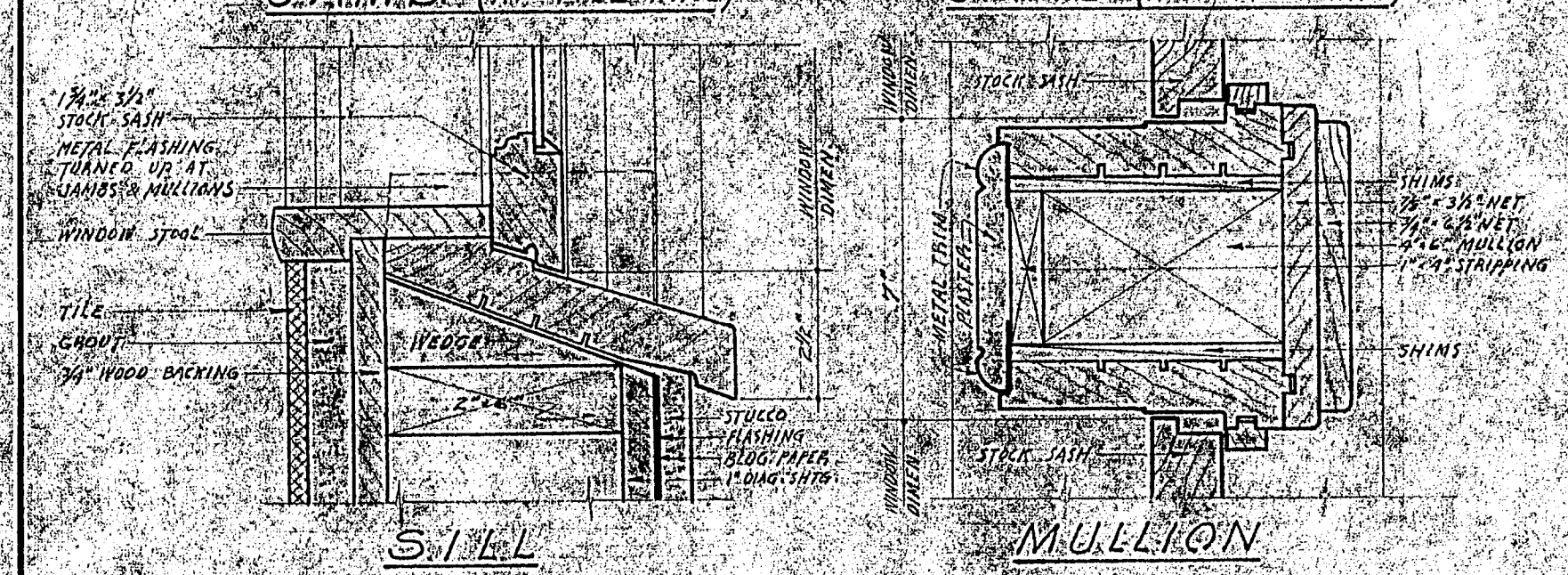
SECTION THRU STALL

TOILET STALL DETAILS

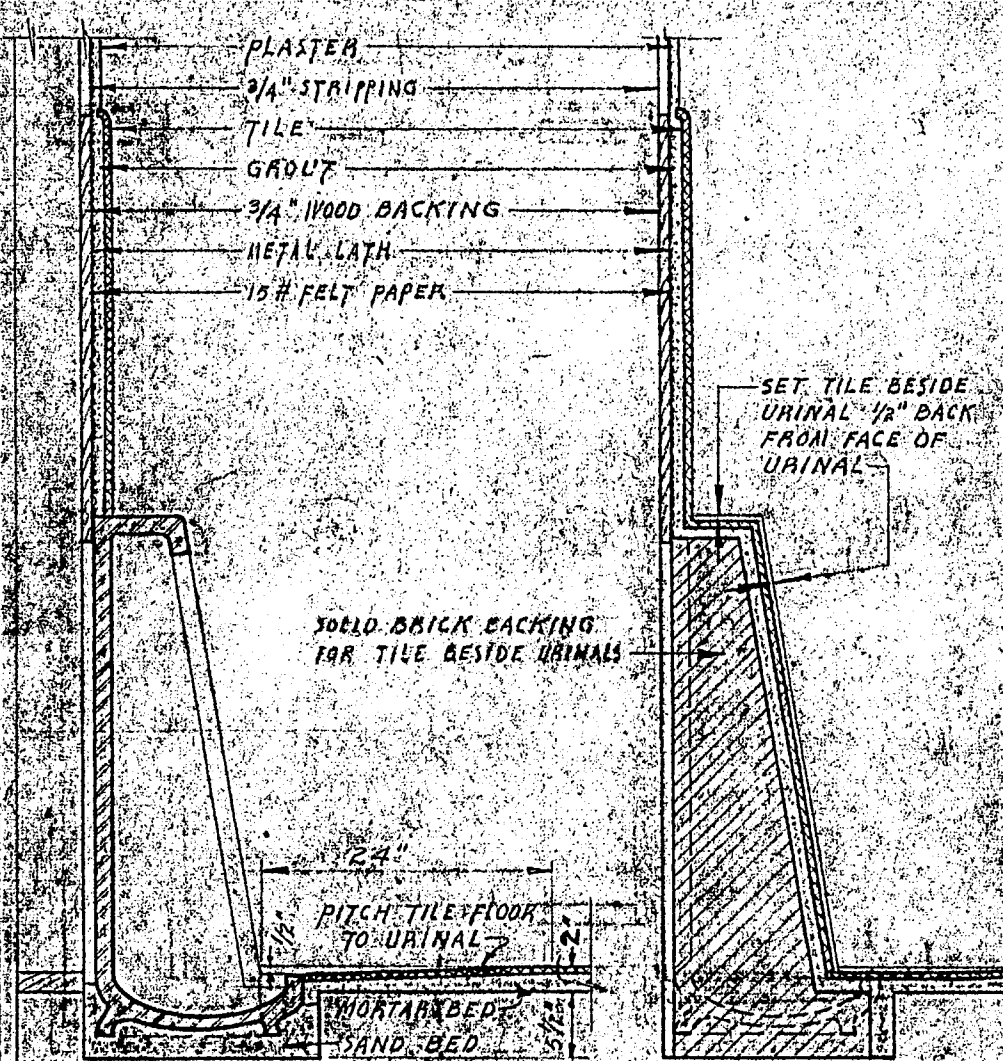


LAMB (AT TILE WALL)

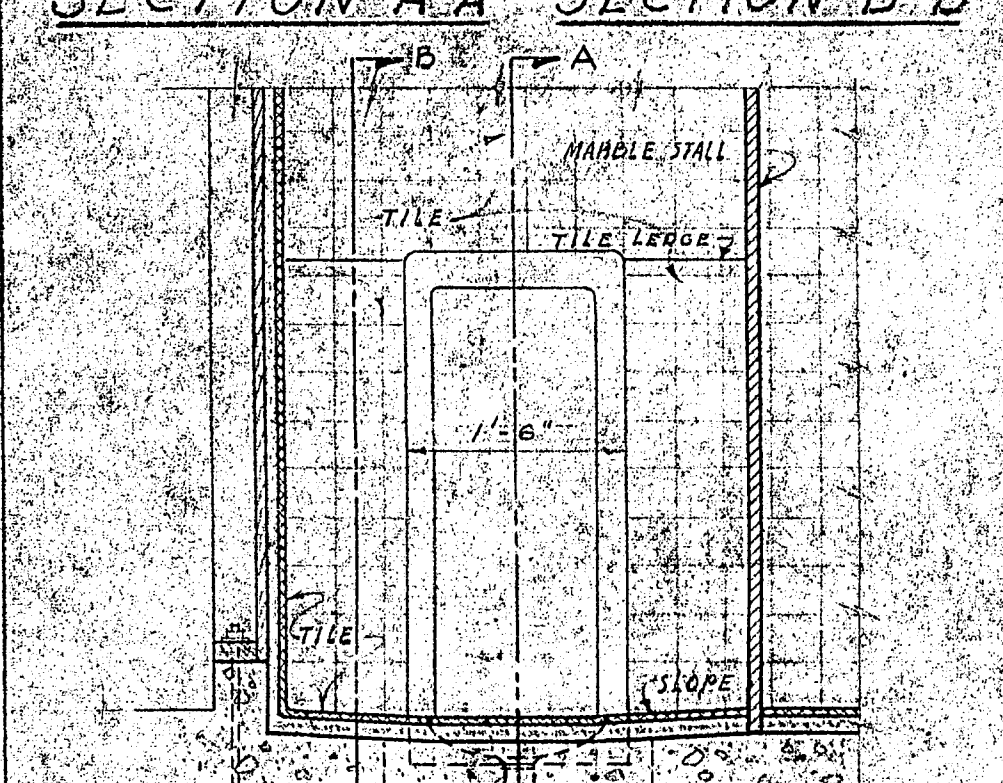
JAMB (AT PLASTER WALL)



## WINDOW DETAILS

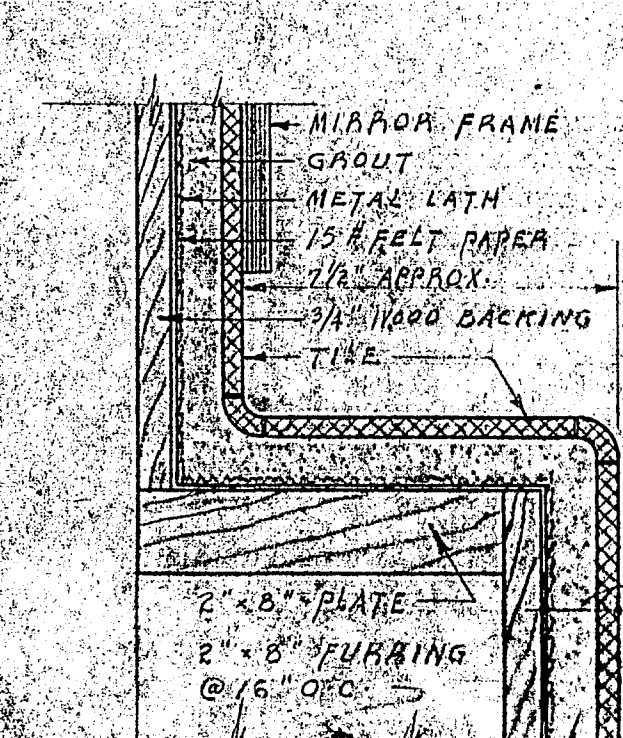


SECTION A-A SECTION B-B

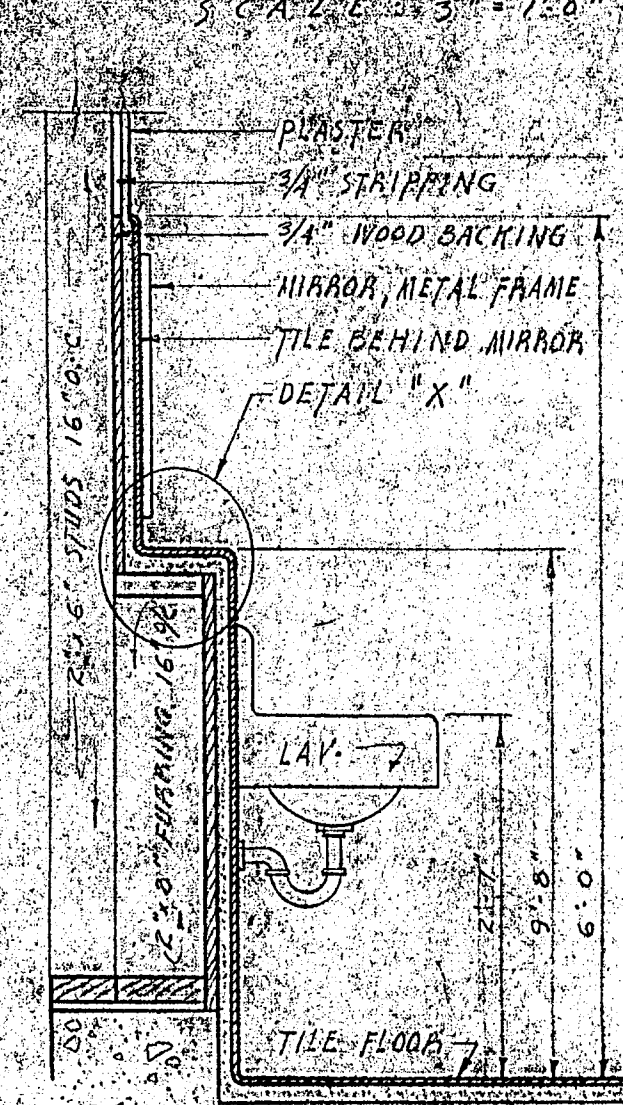


ELEVATION

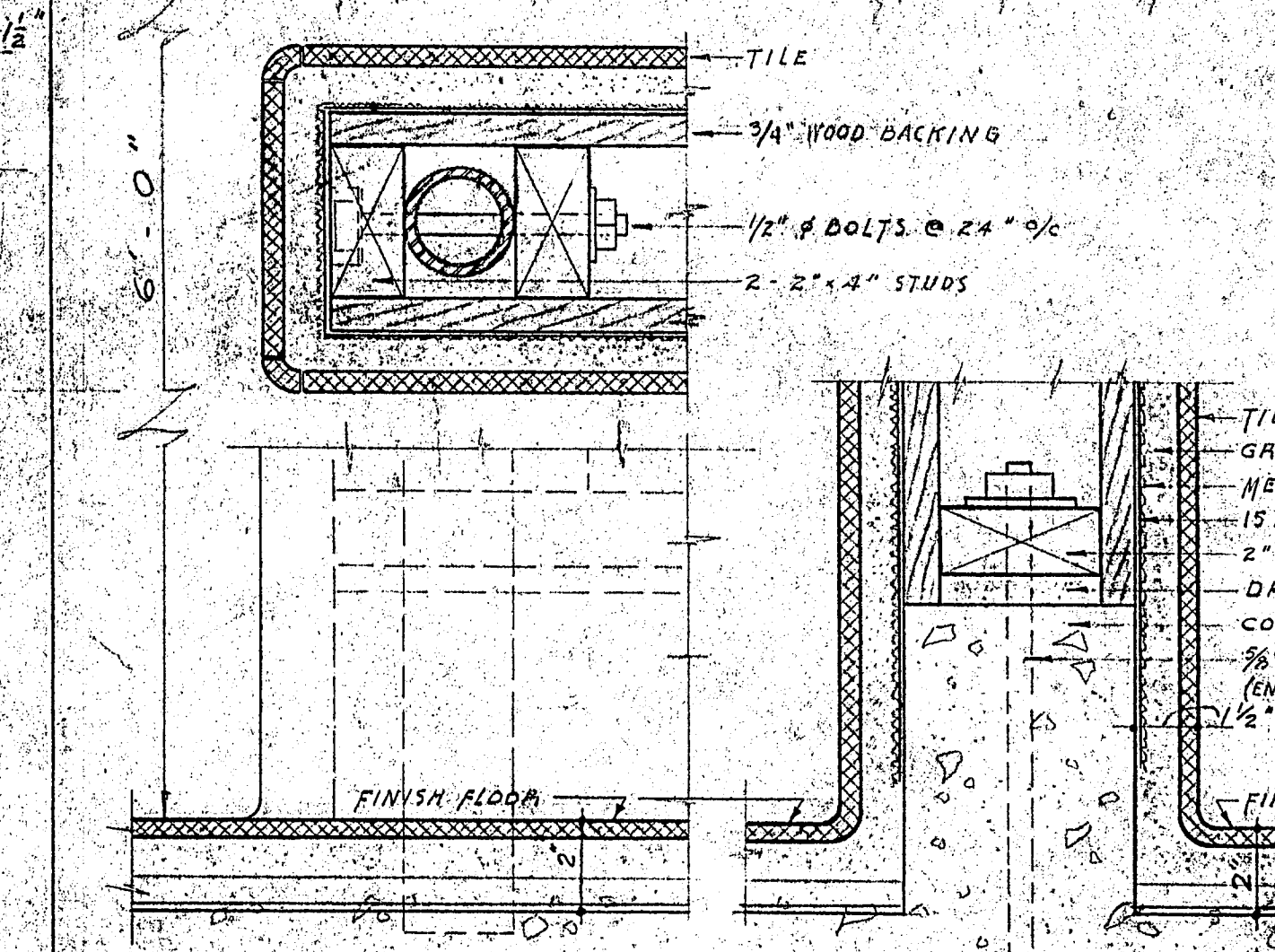
URINAL DETAILS



DETAIL "X"



SECTION  
SCALE: 3/4" = 1'-0"  
LAVATORY  
& MIRROR



DETAIL OF SCREEN WALL

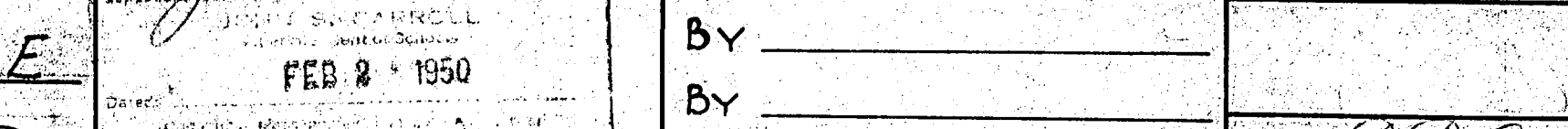
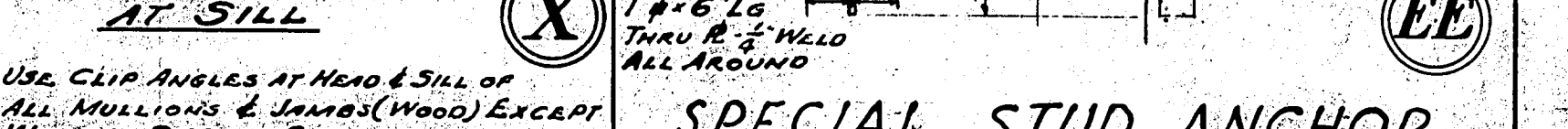
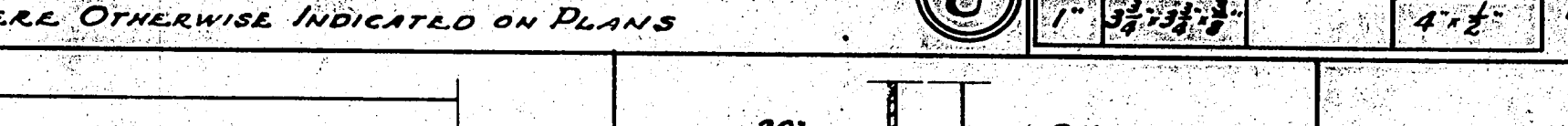
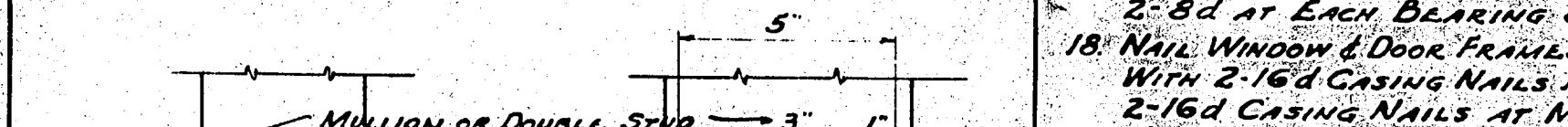
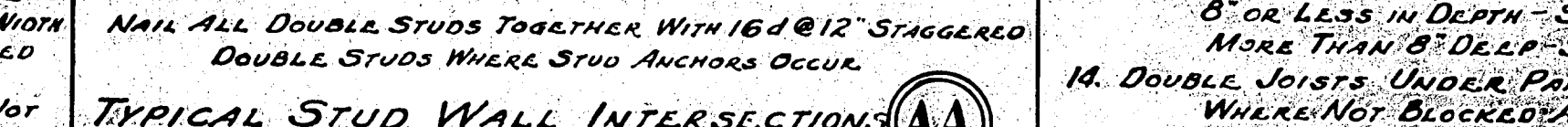
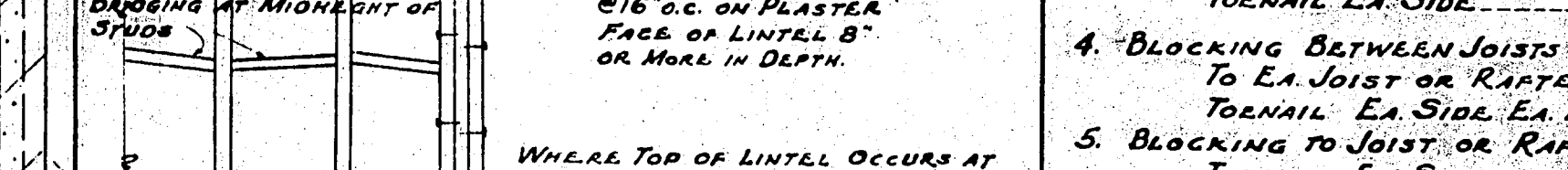
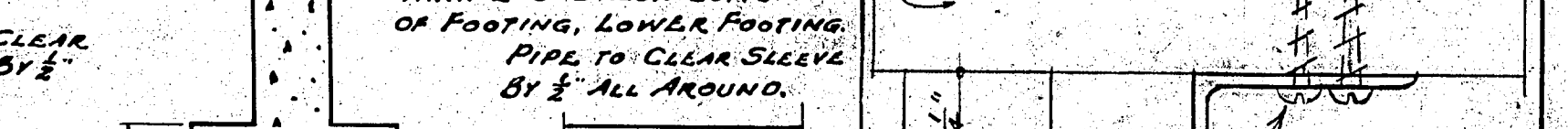
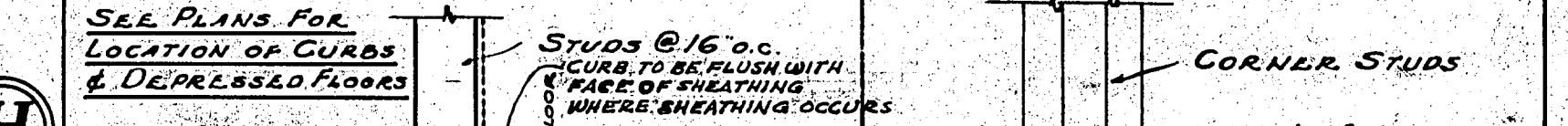
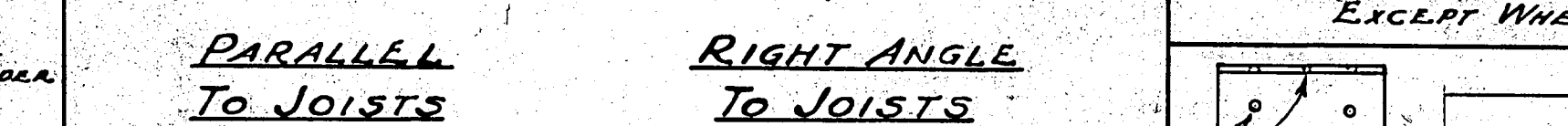
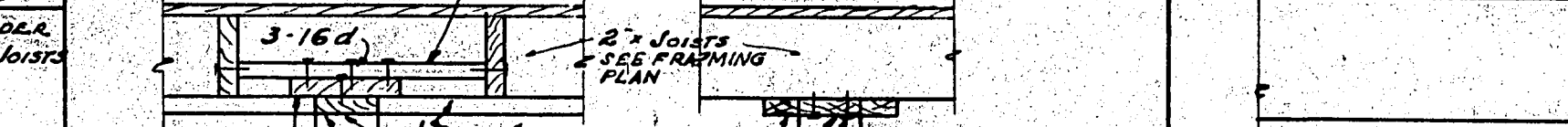
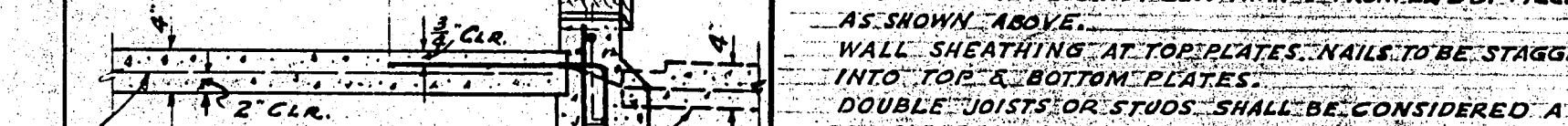
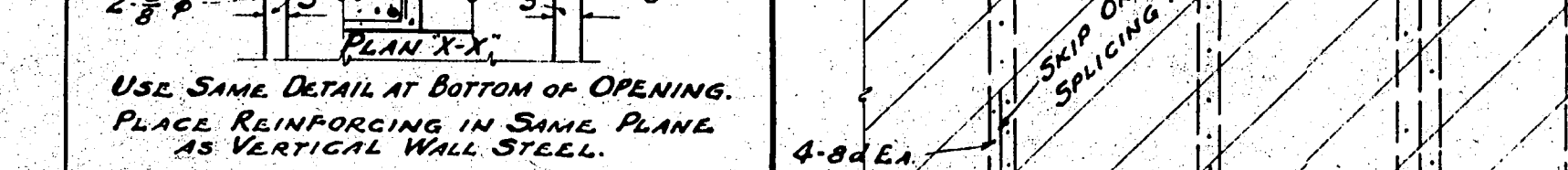
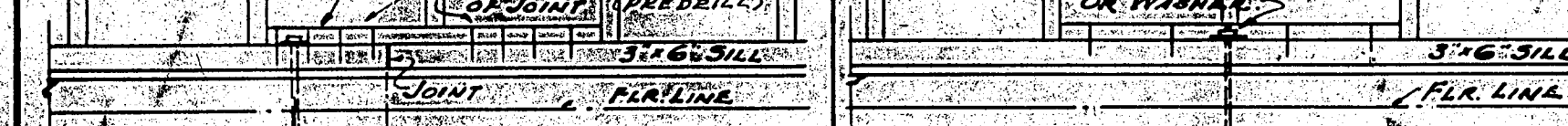
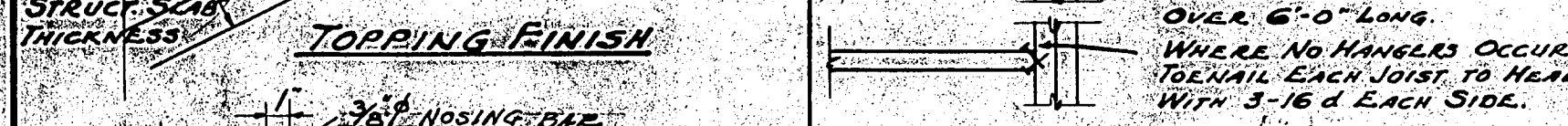
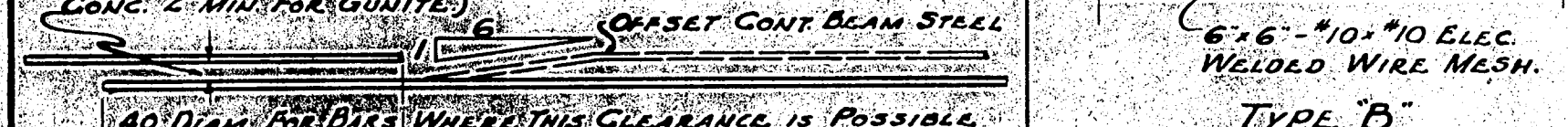
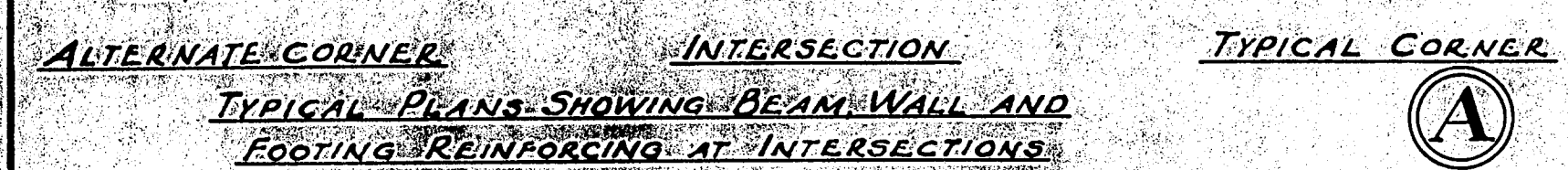
APPROVED  
OFFICE OF THE SUPERINTENDENT OF SCHOOLS  
SAN DIEGO COUNTY  
*John S. Carroll*  
JOHN S. CARROLL  
Superintendent of Schools  
FEB 8 1950  
Dated: \_\_\_\_\_  
Those filing over 2500-3-1-1950 A. Use 23  
P. 2000000-1-5

[illegible]

STATE OF CALIFORNIA, DEPT. OF PUBLIC WORKS  
DIVISION OF ARCHITECTURE  
REGISTRATION NO. 1753 3-8-50  
7694 Harry W. Bulfinch  
277 SUPERVISOR OF STRUCTURAL ENGINEERS  
ARCHITECT

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB		DATE
TOILET ROOM DETAILS		DATE
CAFETERIA BUILDING		DISTRICT
F.R.D.		SHEET NO.
GROSSMONT UNION HIGH SCHOOL DISTRICT		SHEET NO.
SAN DIEGO COUNTY, CALIFORNIA		
KISTNER, GURTIS & WRIGHT		DATE





OR RAFTERS  
END-----2-10d  
PATER BEARINGS

4. CHARACTER OF FOUNDATION SOIL:  
HARD SANDY CLAY

5. ALL CONCRETE SHALL HAVE AN ULTIMATE COMPRESSIVE STRENGTH OF AT LEAST 2000  $\psi$  IN 28 DAYS

EA. ENO. 2:8d  
2:10d

STAGGERED - 16d @ 12" o.c.  
STAGGERED - 8" SOLTS @ 24" o.c.  
PART - STAG D. 16d @ 12" o.c.

OR JOINT.  
NEAR TO STRUCTURAL JAMBS  
TOP & BOTTOM, AND  
JOINT.

ONE OF THESE WARNERS SHALL  
BE USED UNDER HEAD & NUTS  
OF ALL BOLTS BEARING ON  
WOOD.

DETAILS

22. PLYWOOD FOR STRUCTURAL PURPOSES EXTERIOR GRADE

TOP OF WALL

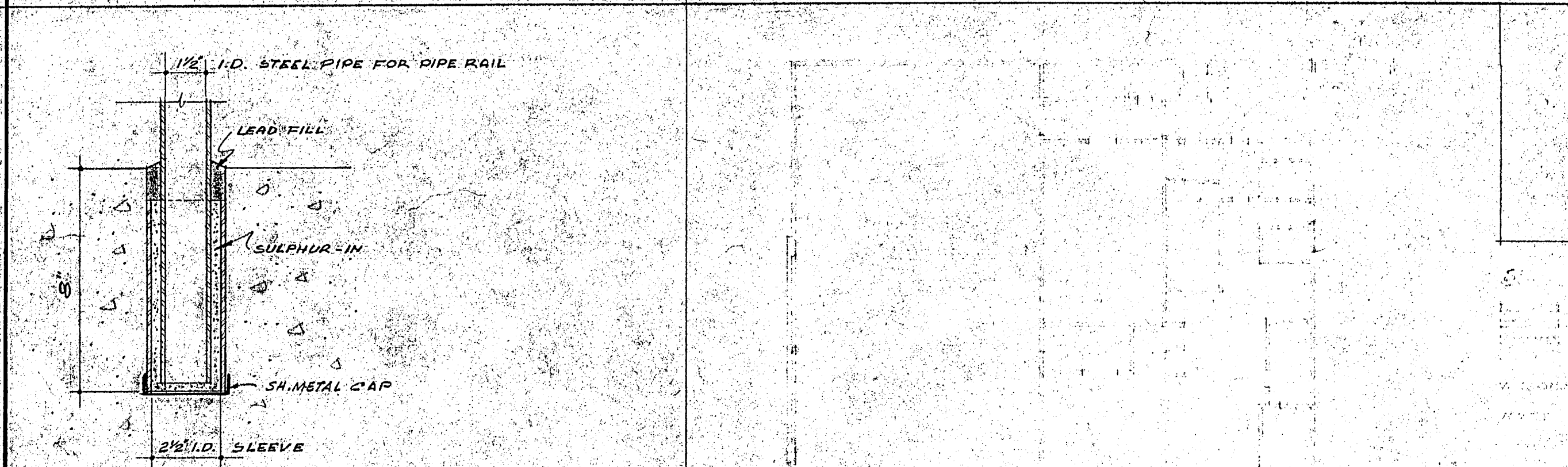
POSITION OF HORIZ BARS  
AT CONSTRUCTION JOINT.

ONE PIECE-EXTEND  
1/40" DIA. INTO FOOTING  
BELOW THIS POINT  
U-DOWELS MAY BE USED

DOWELS TO BE SAME SIZE & SPACING AS VERT. WALL STEEL  
BENT PORTION TO BE PLACED AT AN ANGLE THAT THE  
ENTIRE DOWEL IS WITHIN THE SPACE ALLOWED IN FOOTING

FOR  
GROSSMONT UNION HIGH SCHOOL DISTRICT  
SAN DIEGO COUNTY, CALIFORNIA.

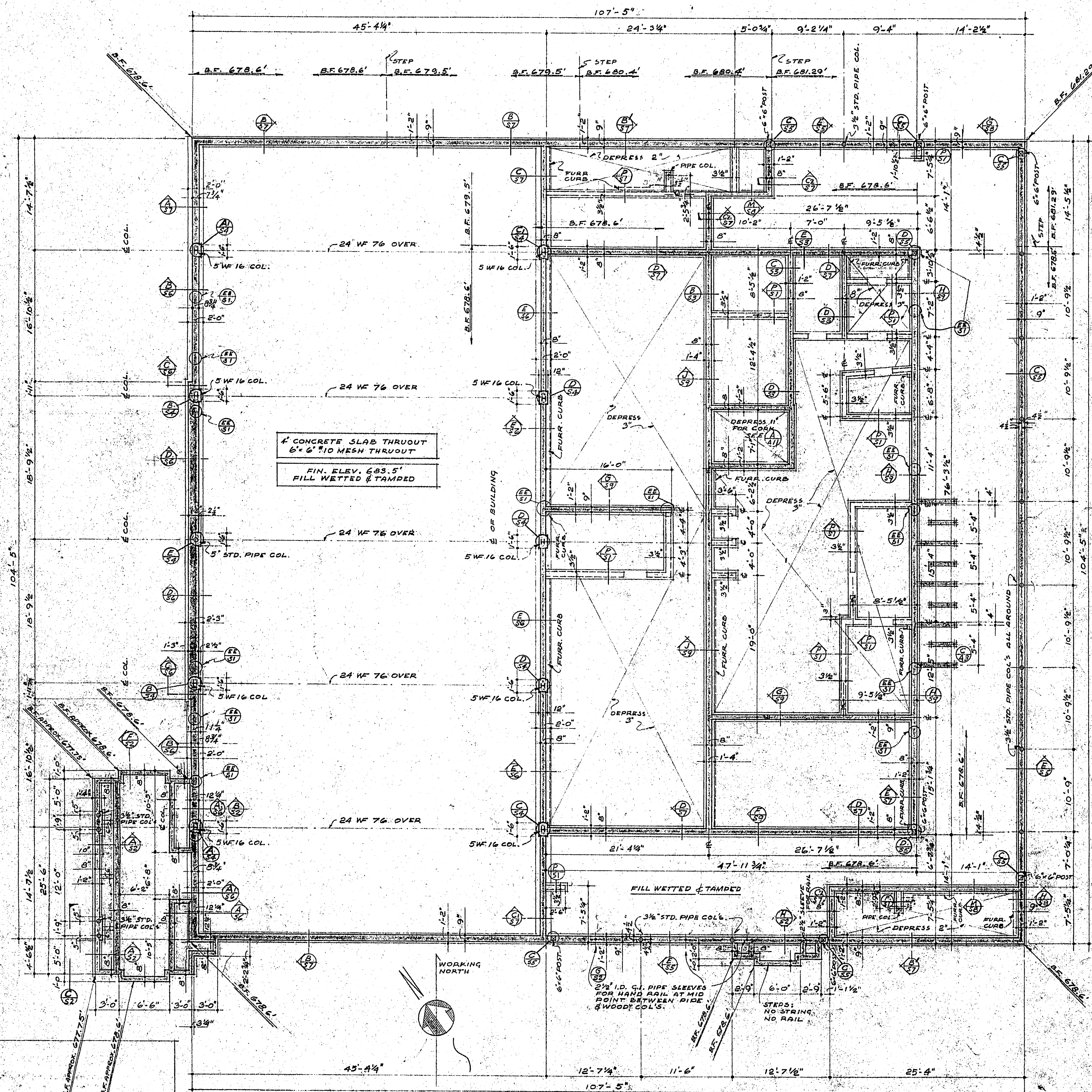




DETAILS OF STAIR AT WEST PORCH SCALE  $\frac{3}{8}" = 1'-0"$

DETAILS OF STAIR AT SOUTH PORCH. SCALE  $\frac{3}{8}" = 1'-0"$

DETAIL PIPE SLEEVE  
SCALE 3" = 1'-0"



FOUNDATION PLAN SCALE  $\frac{1}{8}"=1'-0"$

NOTE:  
ALL AREAS UNDER CONC. SLAB TO BE FILLED WITH SAND & GRAVEL, WETTED AND TAMPED

APPROVED  
OFFICE OF THE SUPERINTENDENT OF SCHOOLS  
SAN DIEGO COUNTY  
*John S. Carroll*  
JOHN S. CARROLL  
Superintendent of Schools

Dated: Feb 2 1915  
This is to certify that John S. Carroll is a teacher in the San Diego County, California.

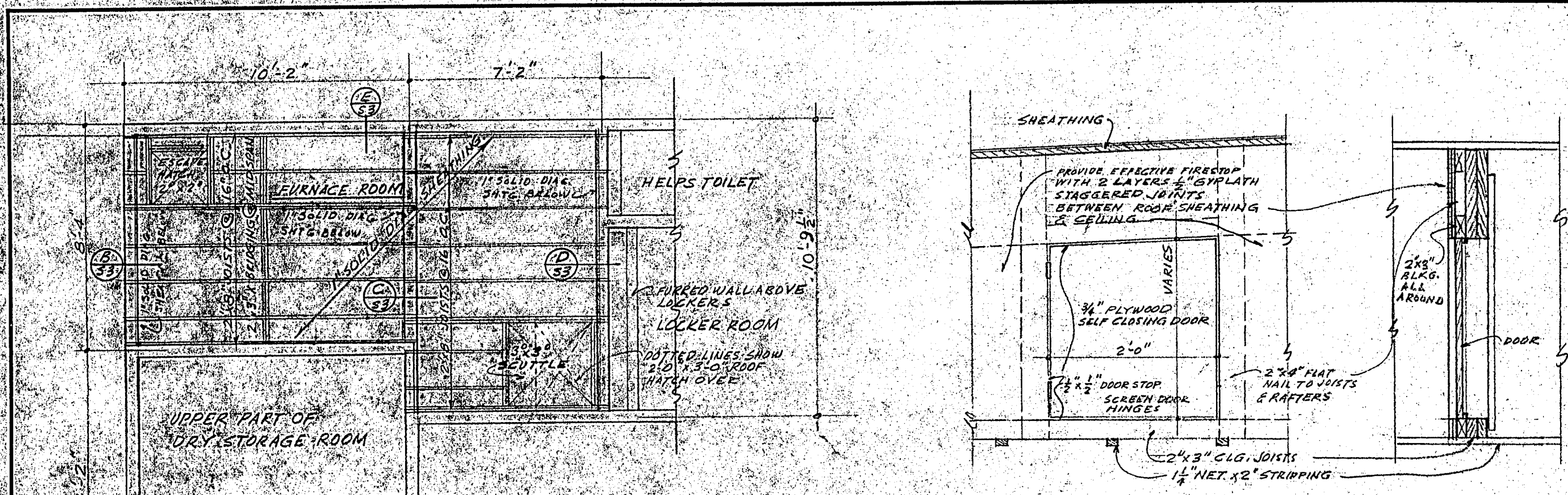
[illegible]

STATE OF CALIFORNIA		DEPT. OF PUBLIC WORKS
DIVISION OF ENGINEERING		
PERMIT NO.	DATE	
7694	3-8-50	
BY SUPERVISING STRUCTURAL ENGINEER		
Harry M. Bolin		

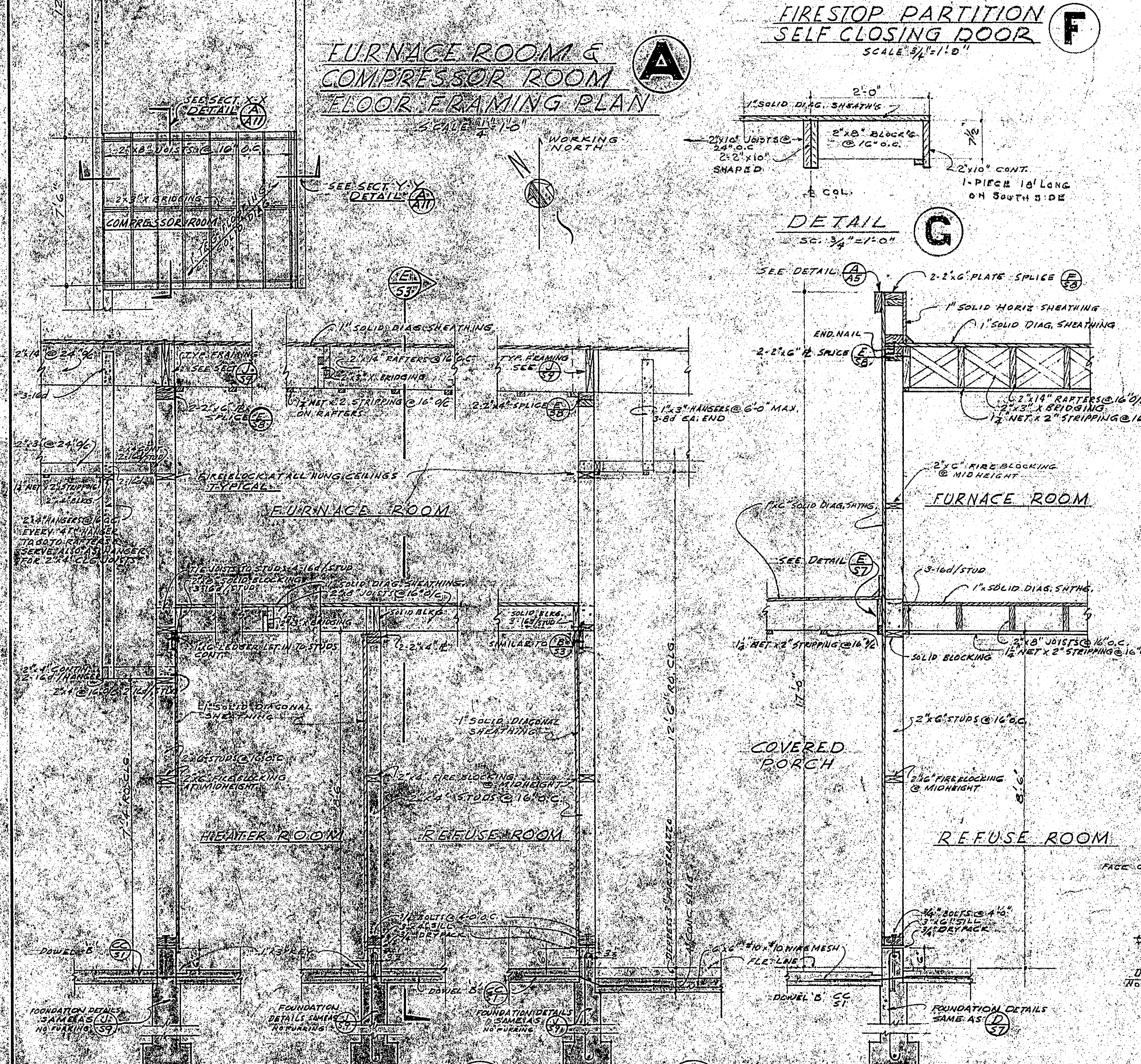
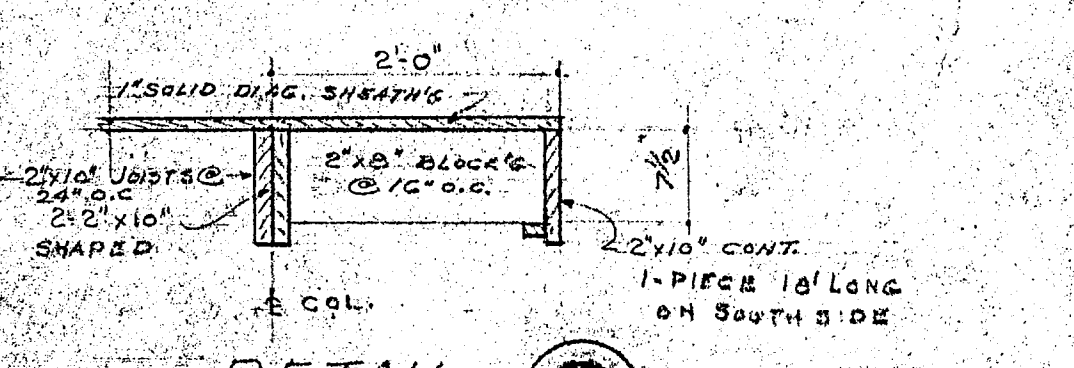
*R. P. Curtis*  
ARCHITECT  
STRUCTURAL ENGINEER

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB		
FOUNDATION PLAN & PORCH STAIR DETAILS		DATE <b>DEC 1984</b> DR BY _____ CHECKED BY _____ DATE _____
CAFETERIA BUILDING FOR GROSSMONT UNION HIGH SCHOOL DISTRICT SAN DIEGO COUNTY, CALIFORNIA		SHEET NO. <b>\$2</b> OF _____ SHEETS DRAWN BY _____ JOB NO. _____
KISTNER, CURTIS & WRIGHT ARCHITECTS AND ENGINEERS LOS ANGELES, CALIF.      SAN DIEGO, CALIF.		

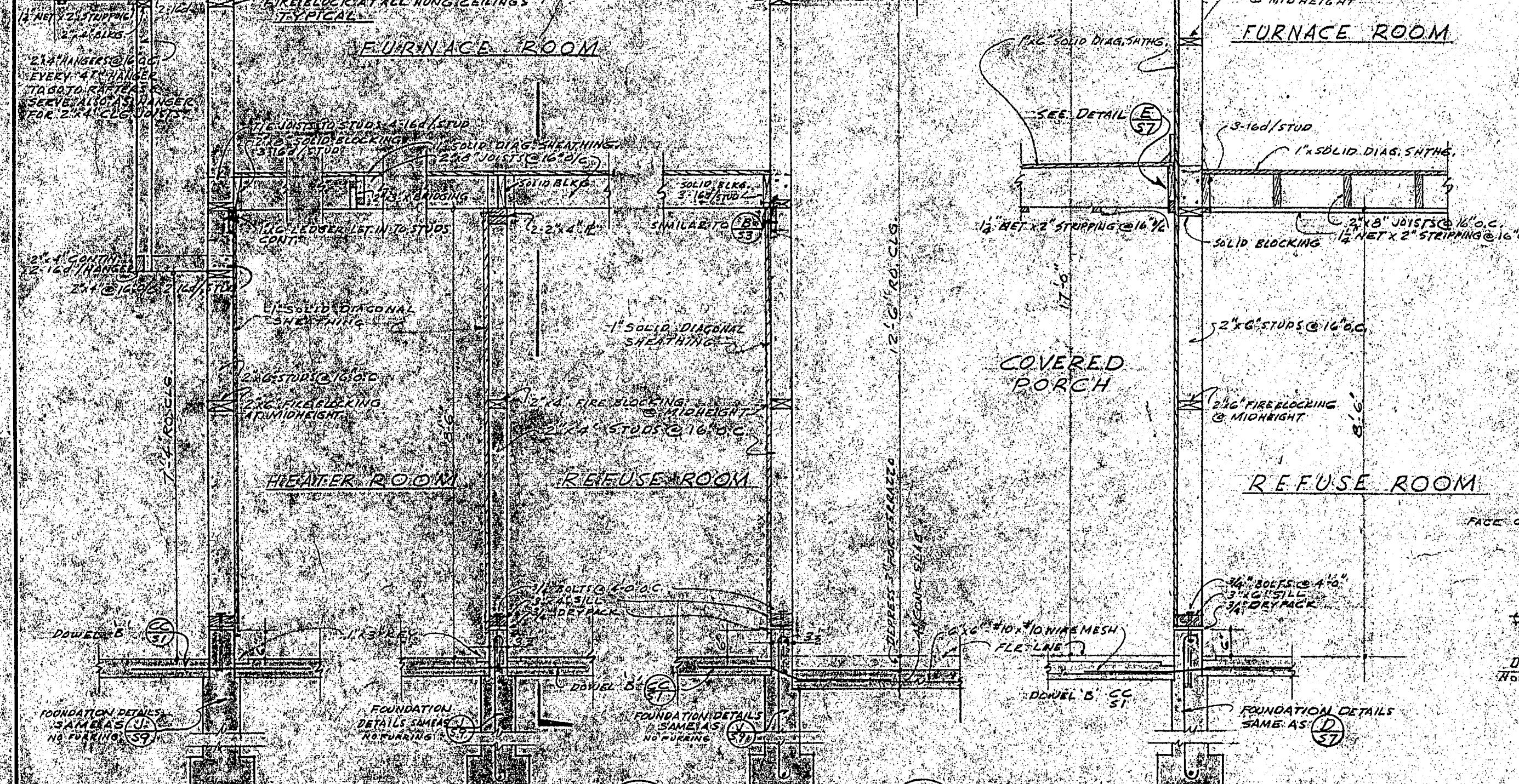
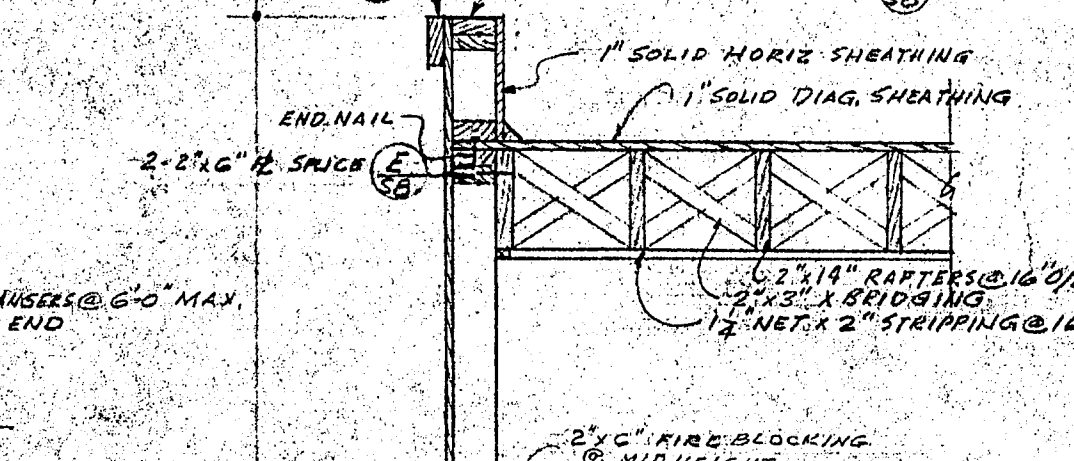




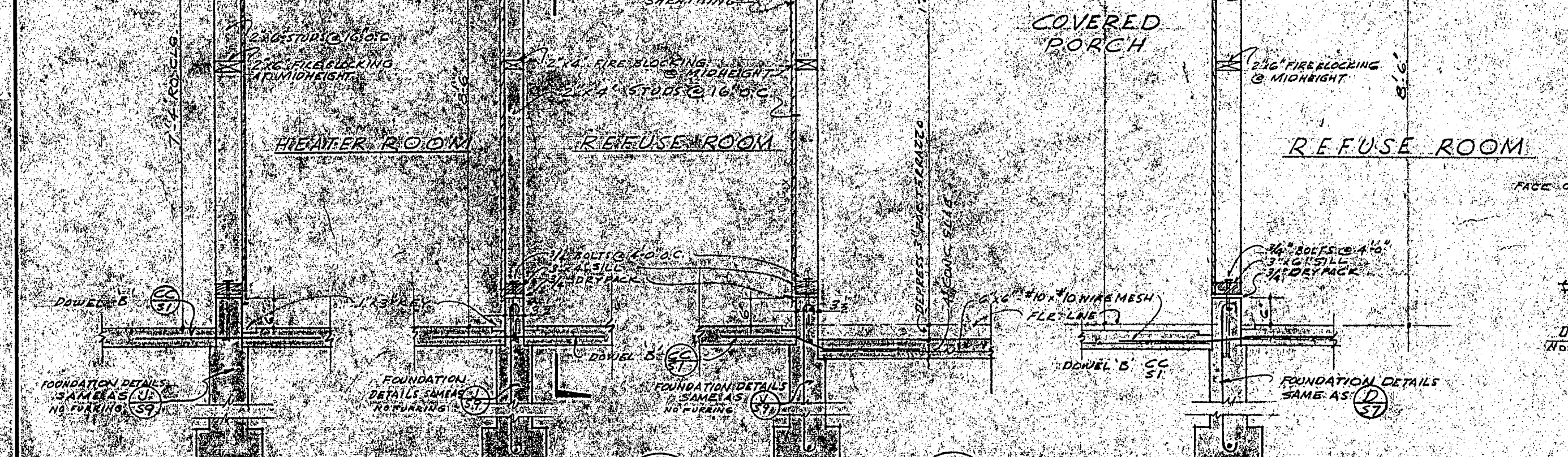
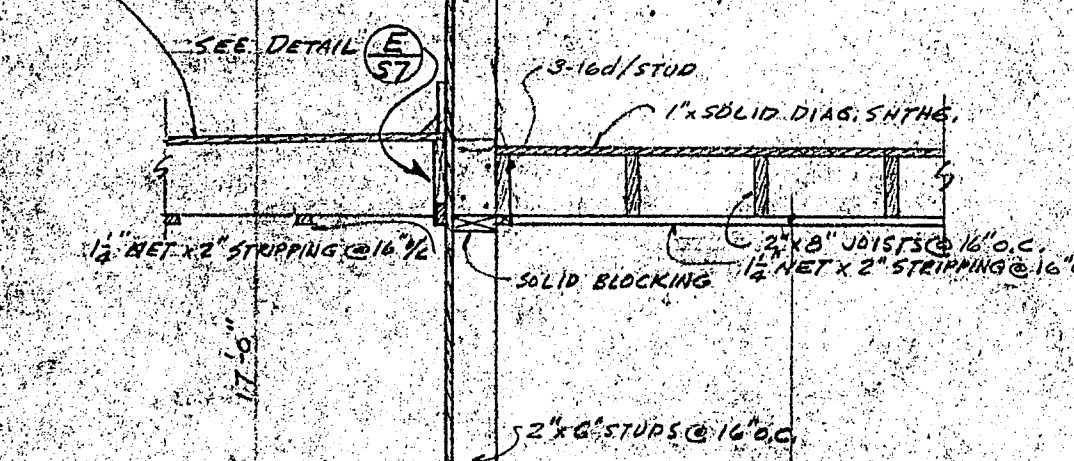
**FIRESTOP PARTITION SELF CLOSING DOOR**  
SCALE: 3/4" = 1'-0"



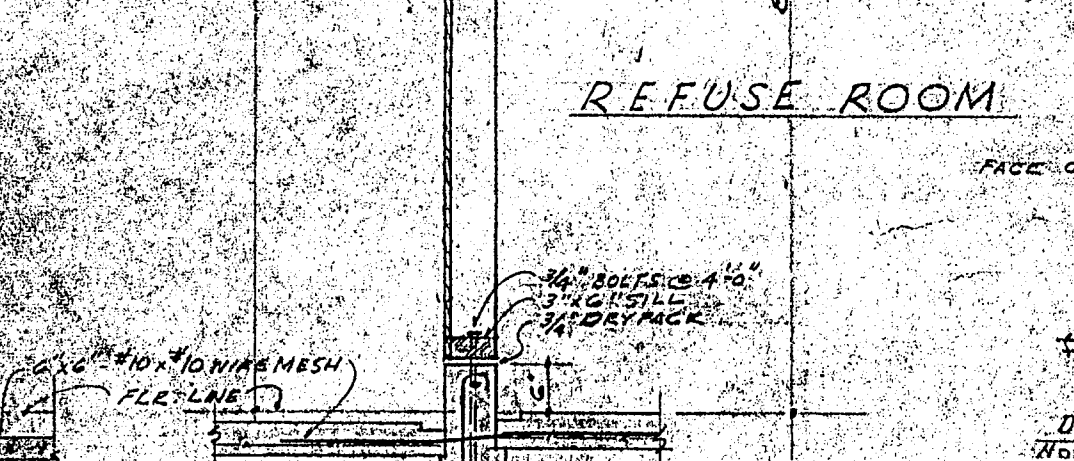
**DETAIL C**  
SCALE: 3/4" = 1'-0"



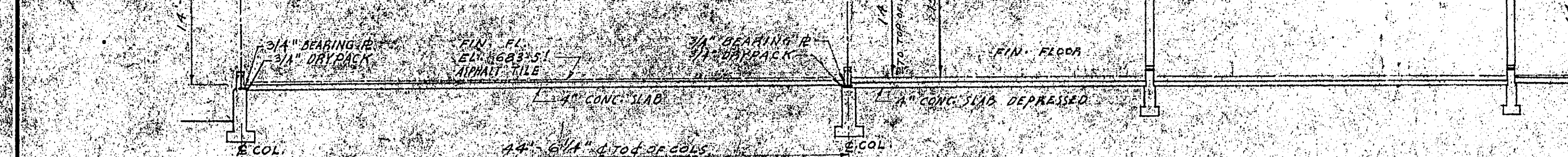
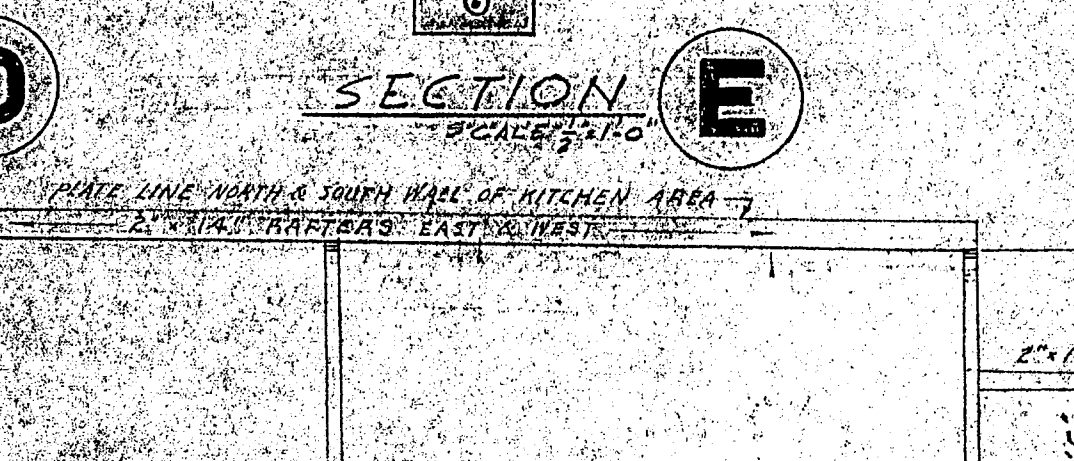
**DETAIL C**  
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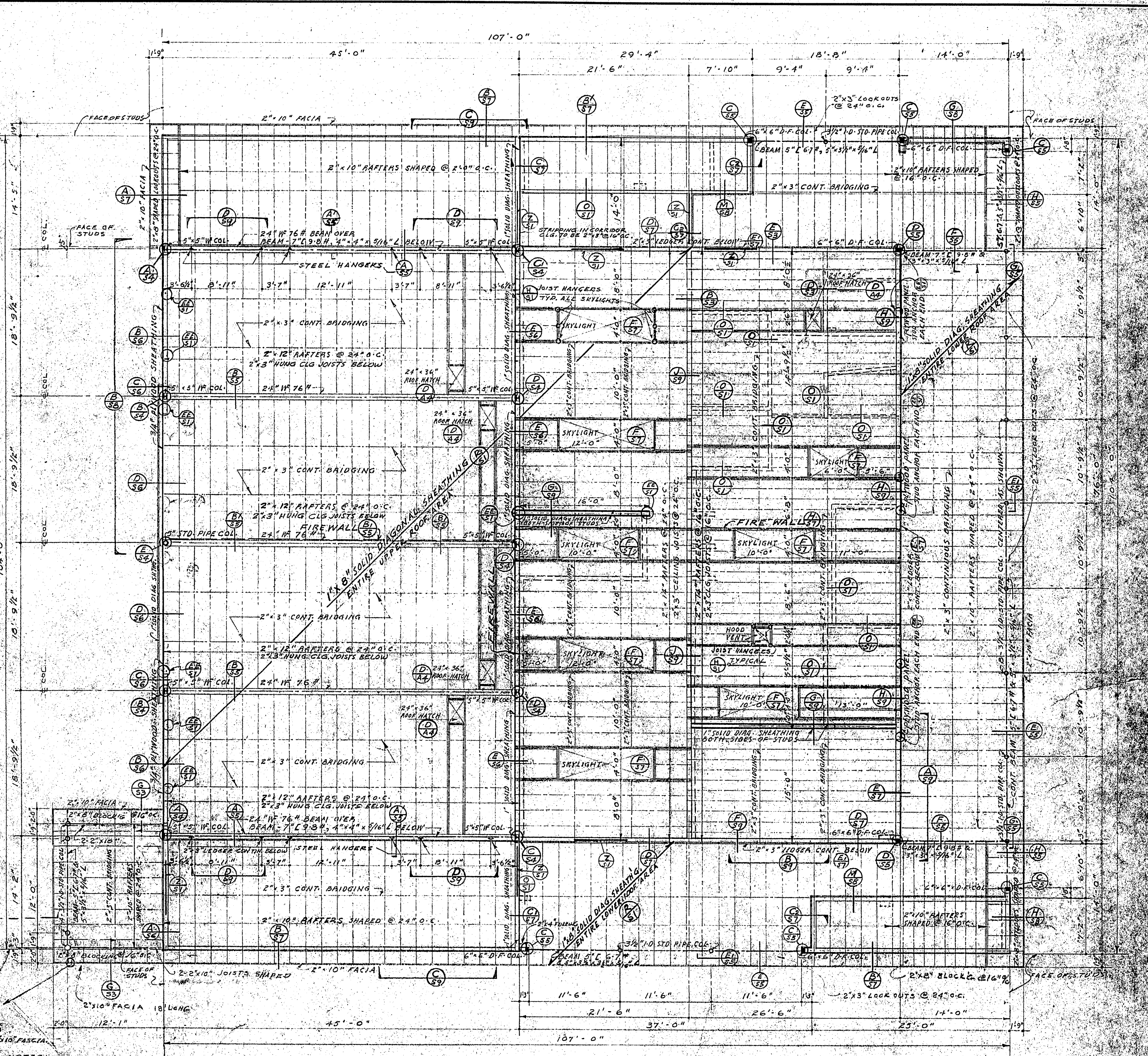
**DETAIL C**  
SCALE: 3/4" = 1'-0"



**DETAIL C**  
SCALE: 3/4" = 1'-0"



**DETAIL C**  
SCALE: 3/4" = 1'-0"



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

GENERAL NOTE:  
WHERE PLASTER WALLS OCCUR ON SHEATHING APPLY  
1/2" x 2" STRIPING @ 16" O.C.

**COLUMN, BEAM AND PLATE LAYOUT**  
SCALE: 3/4" = 1'-0"



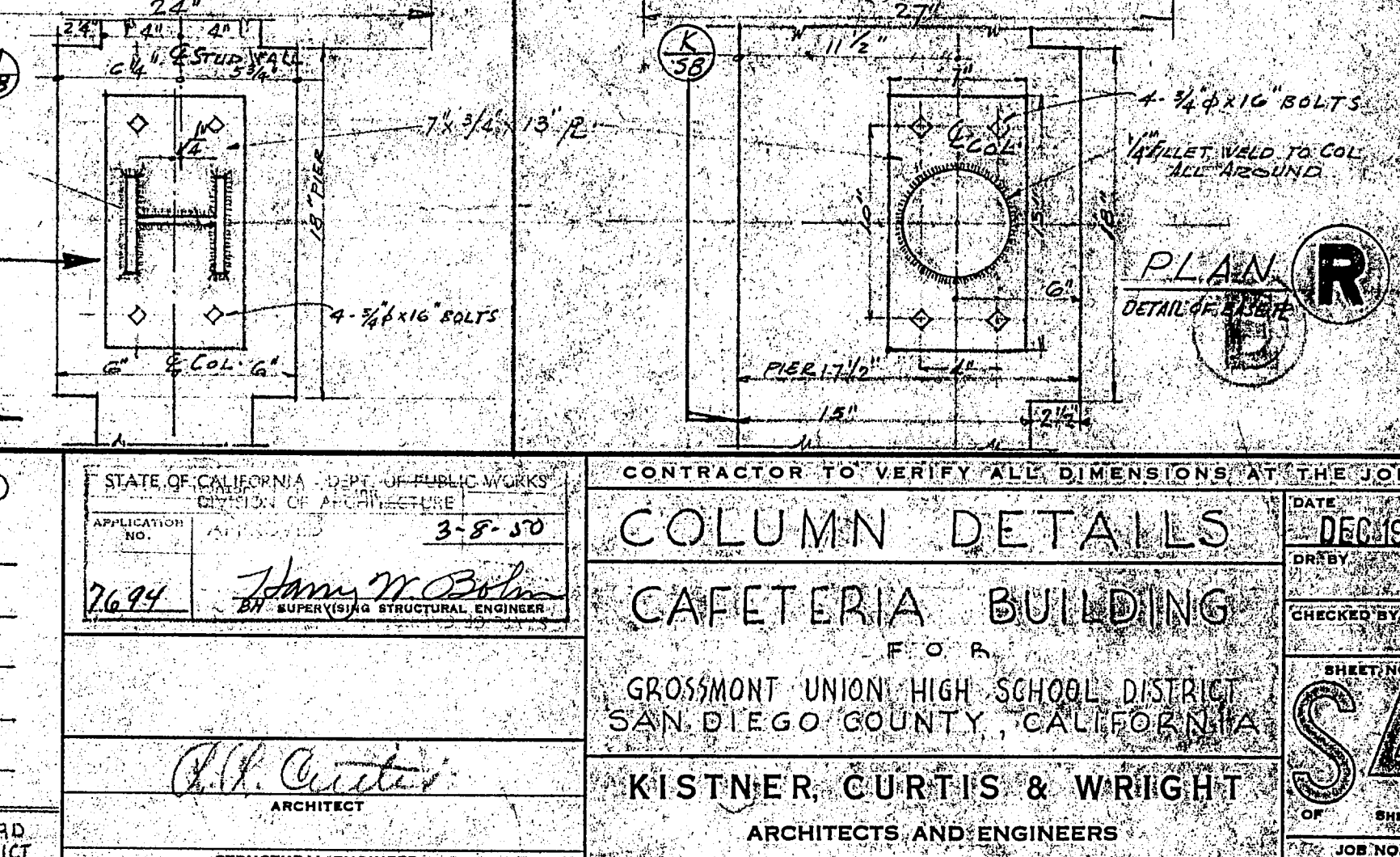
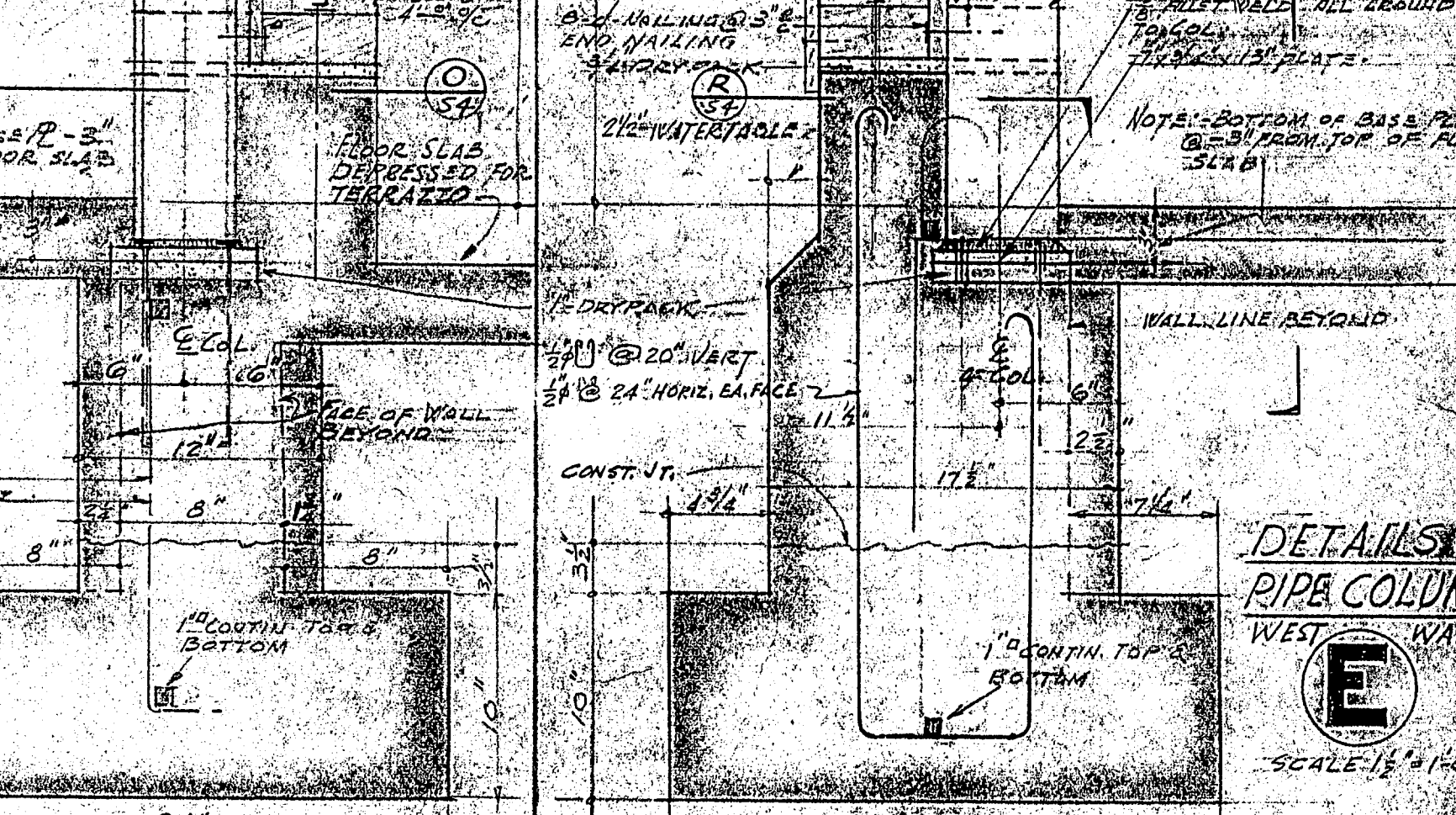
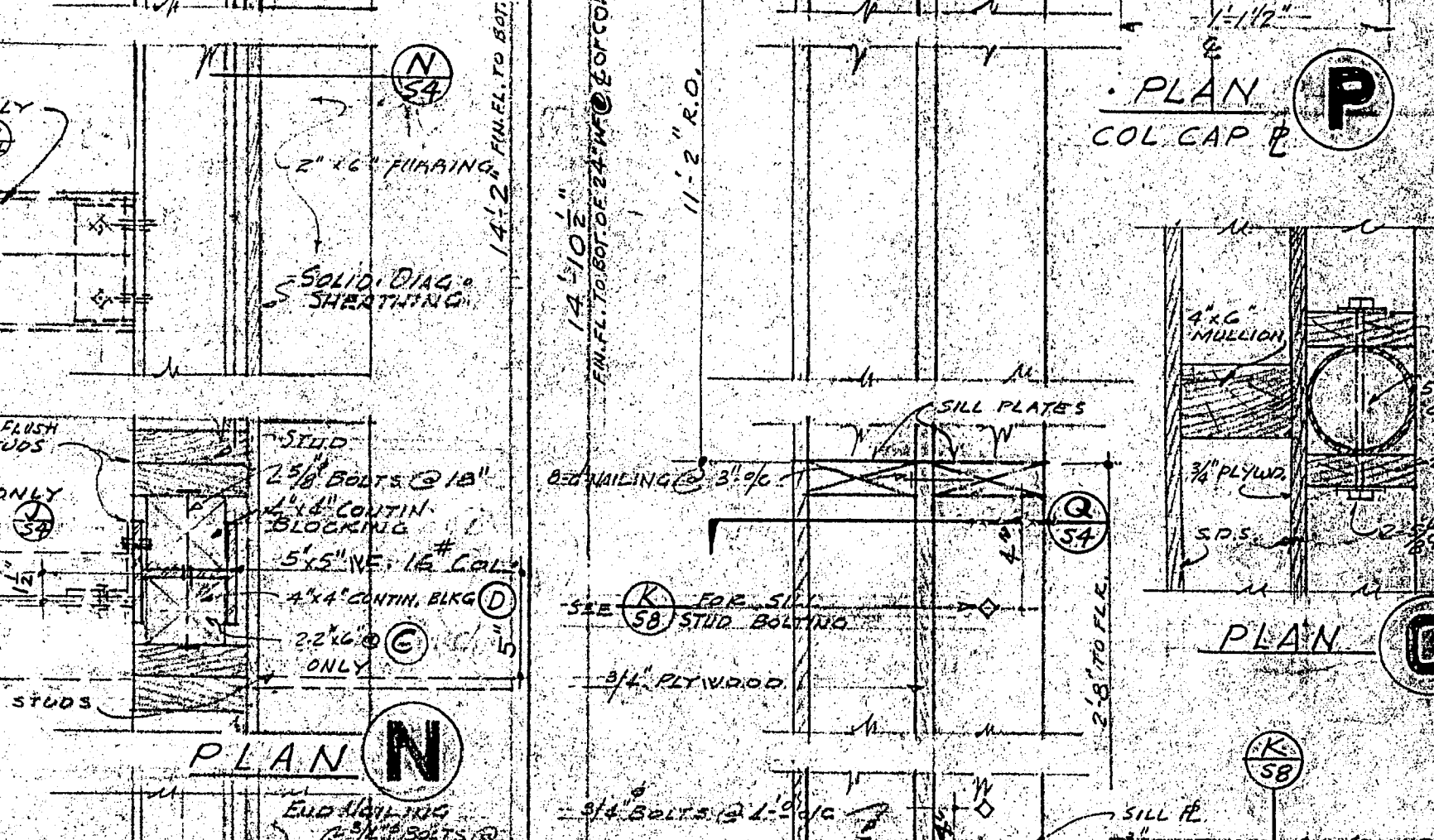
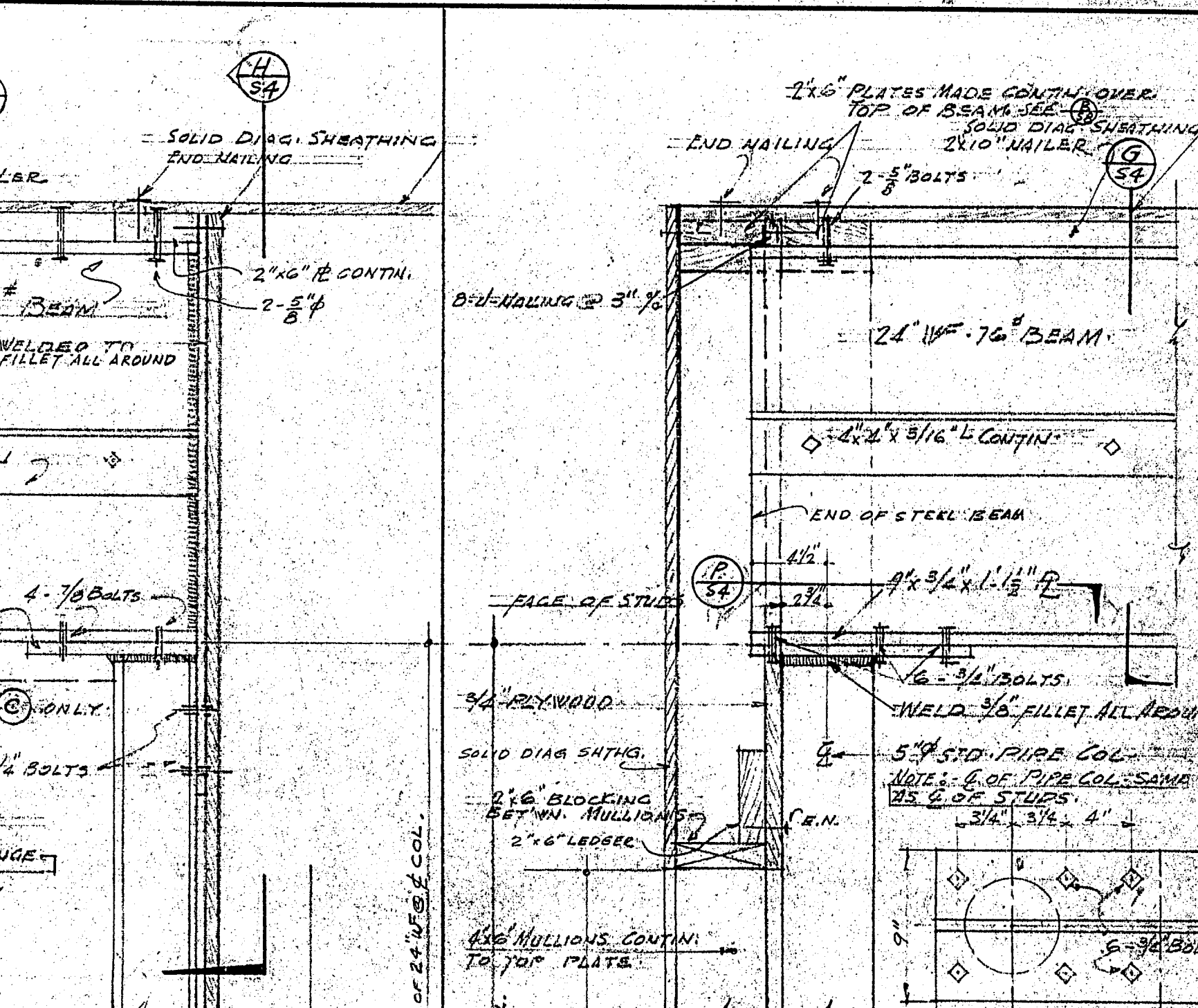
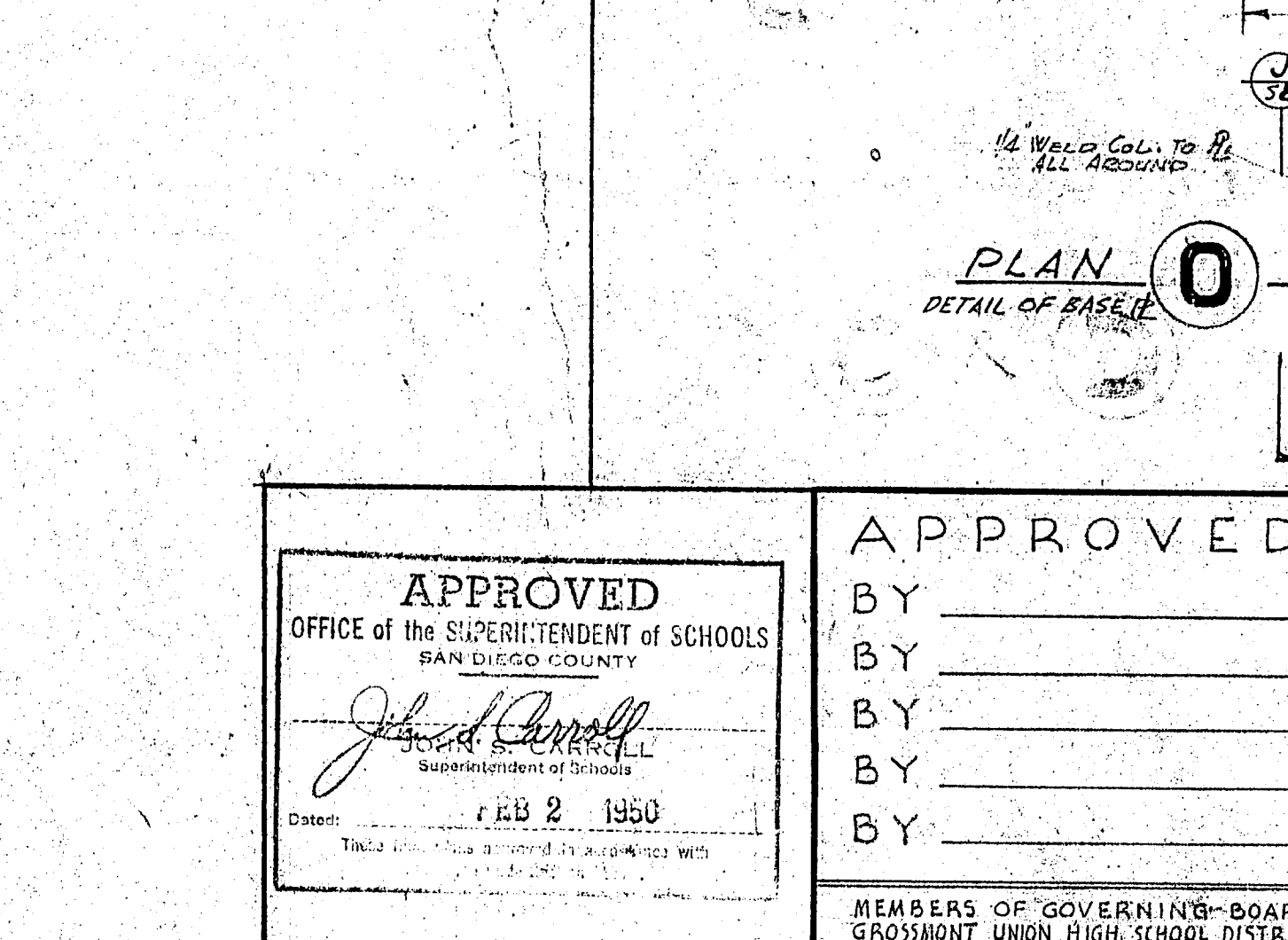
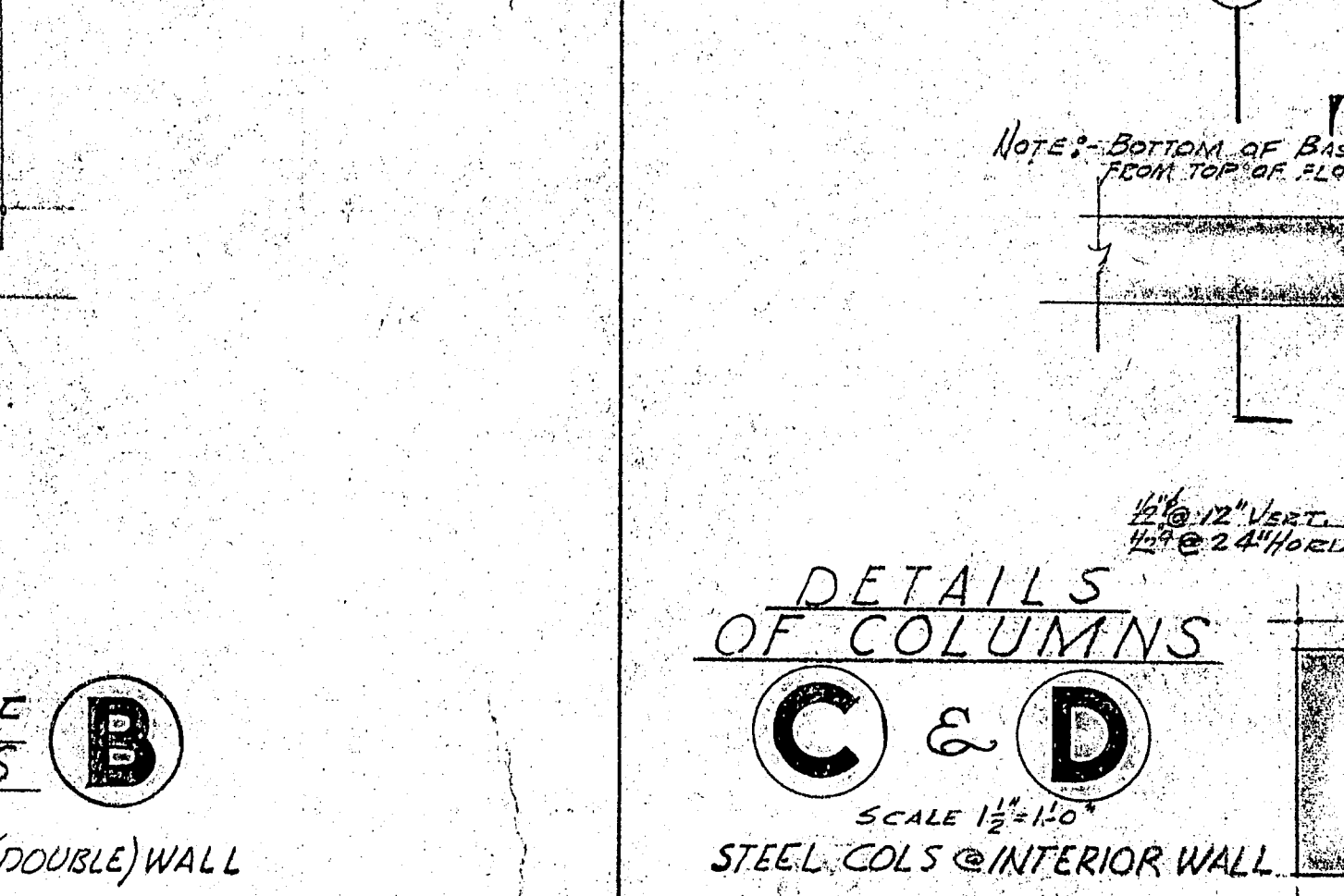
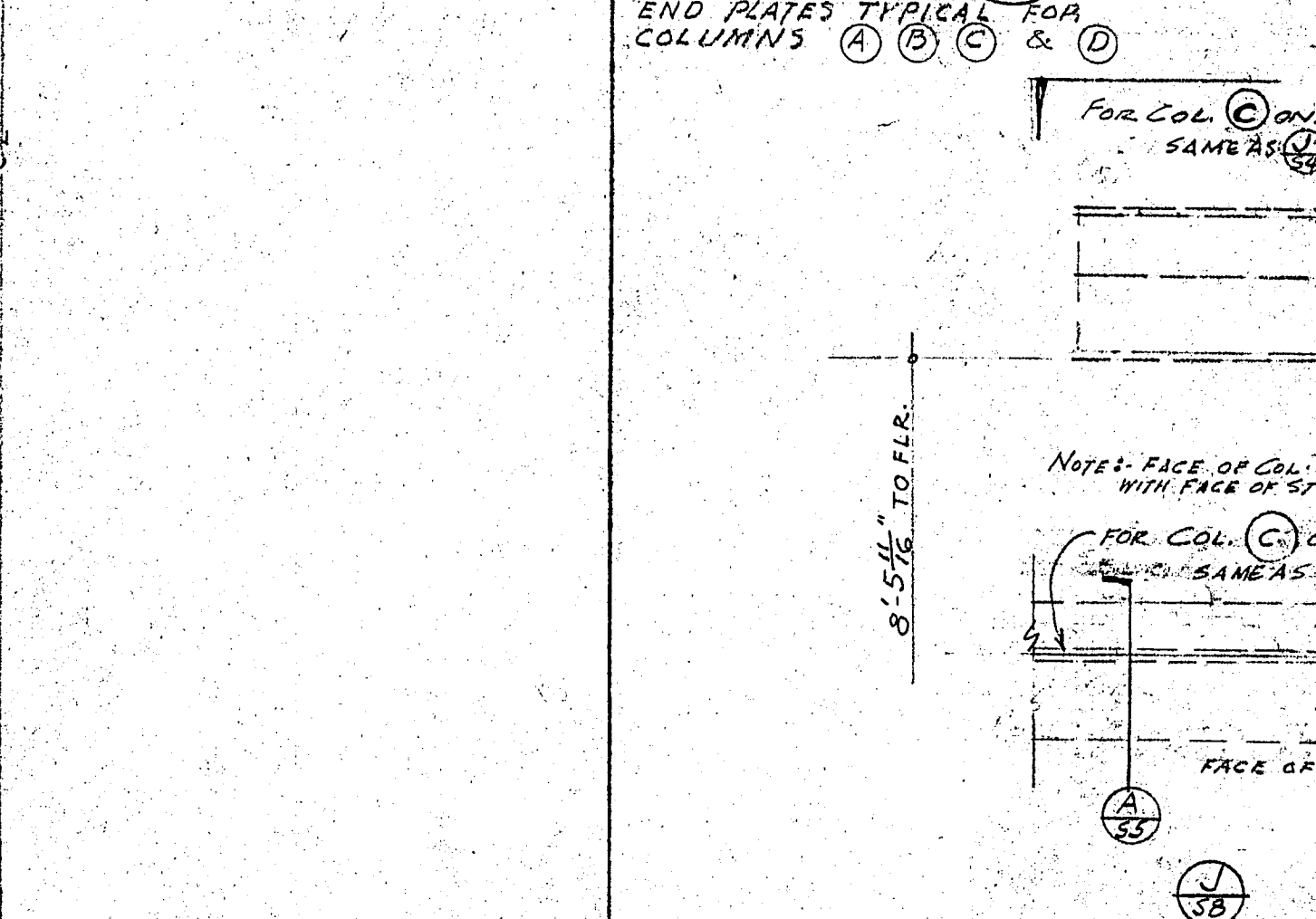
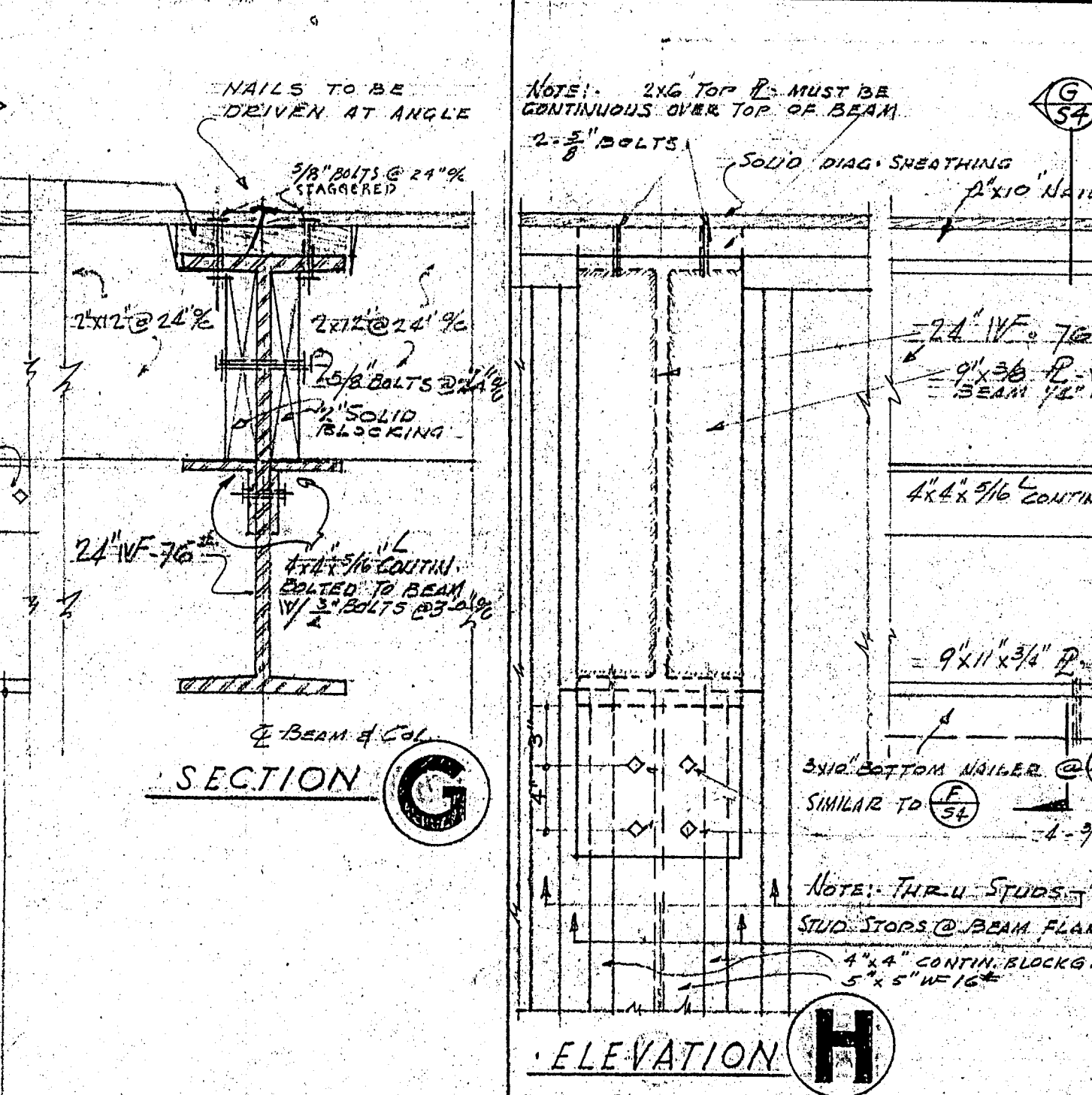
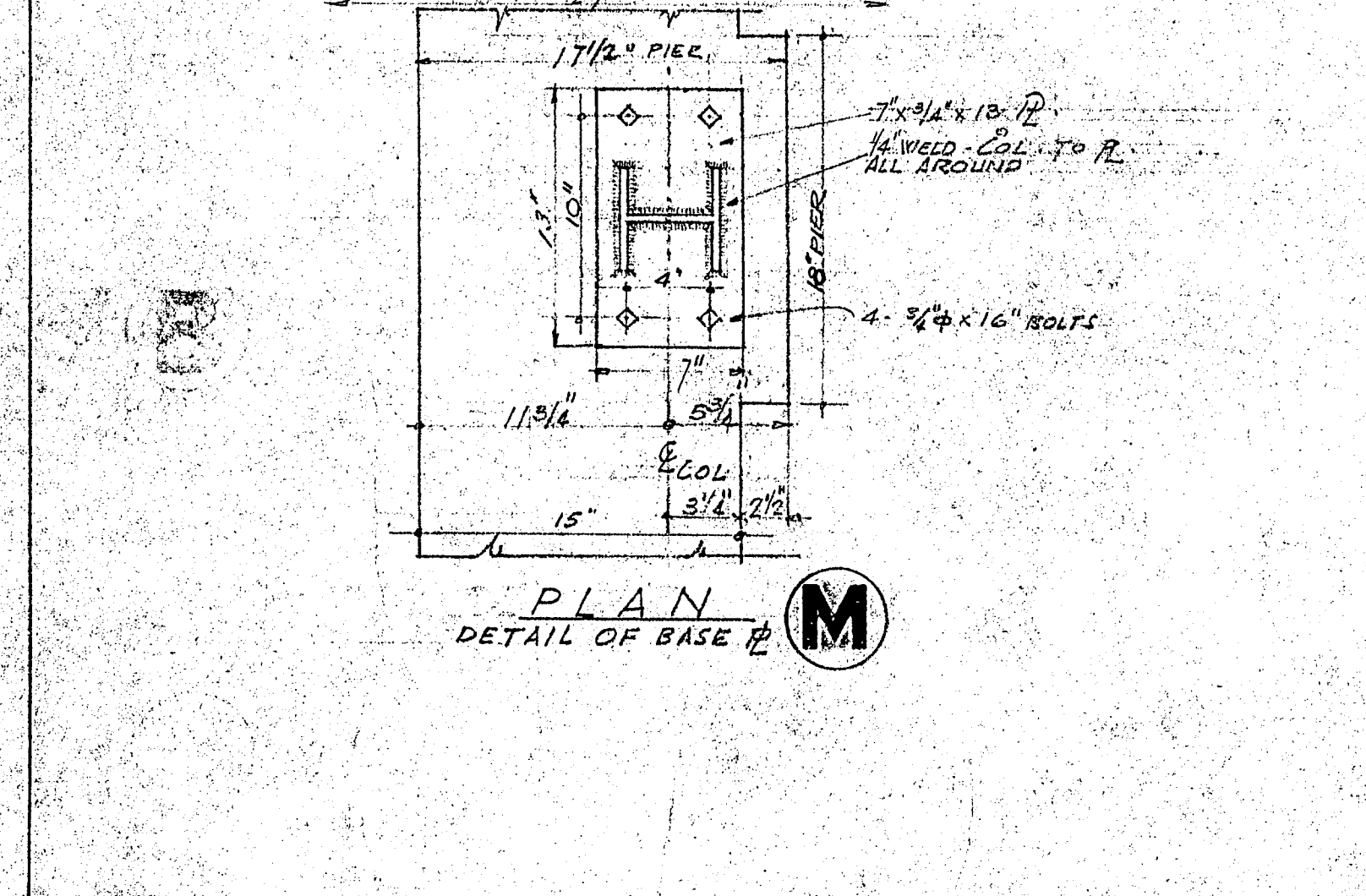
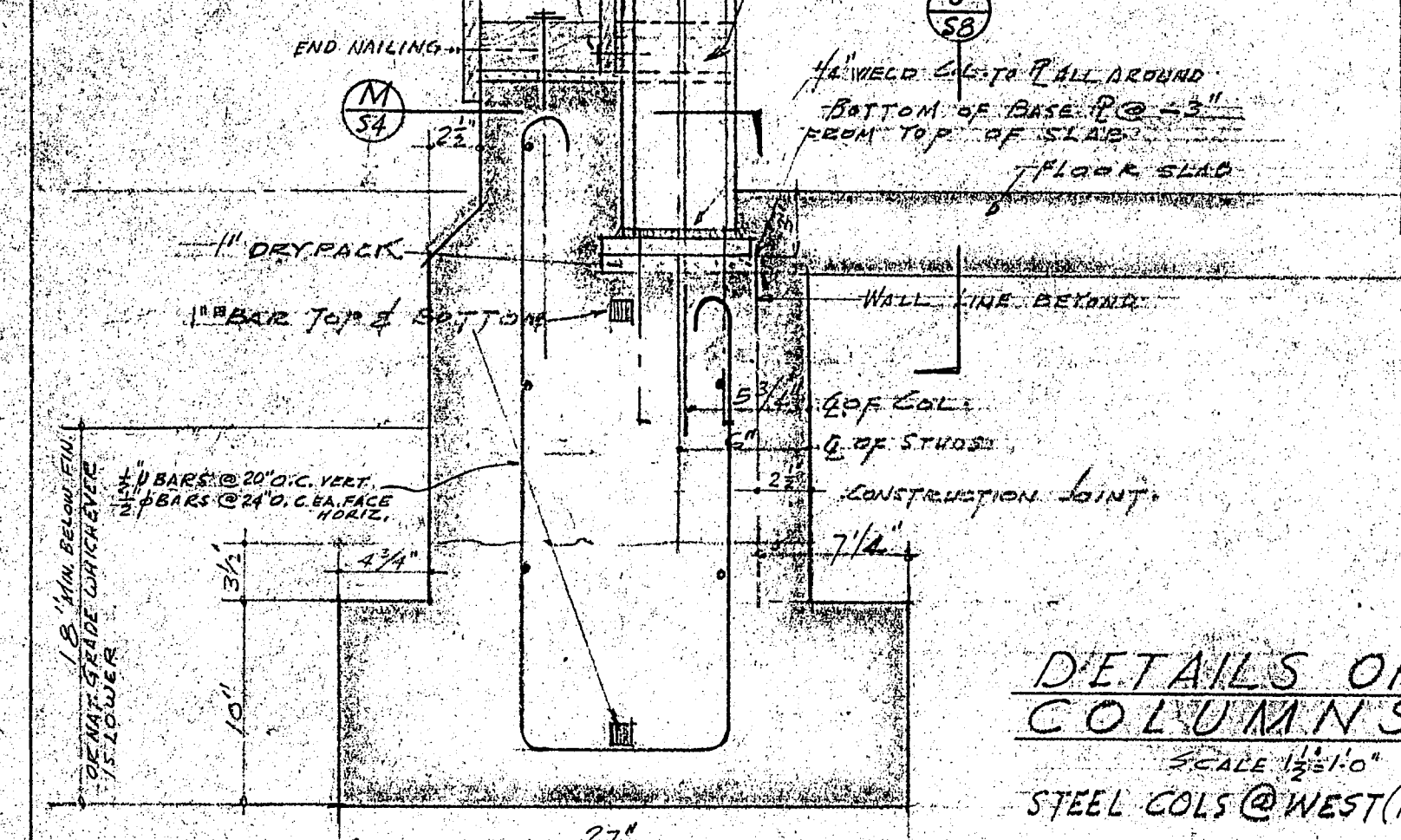
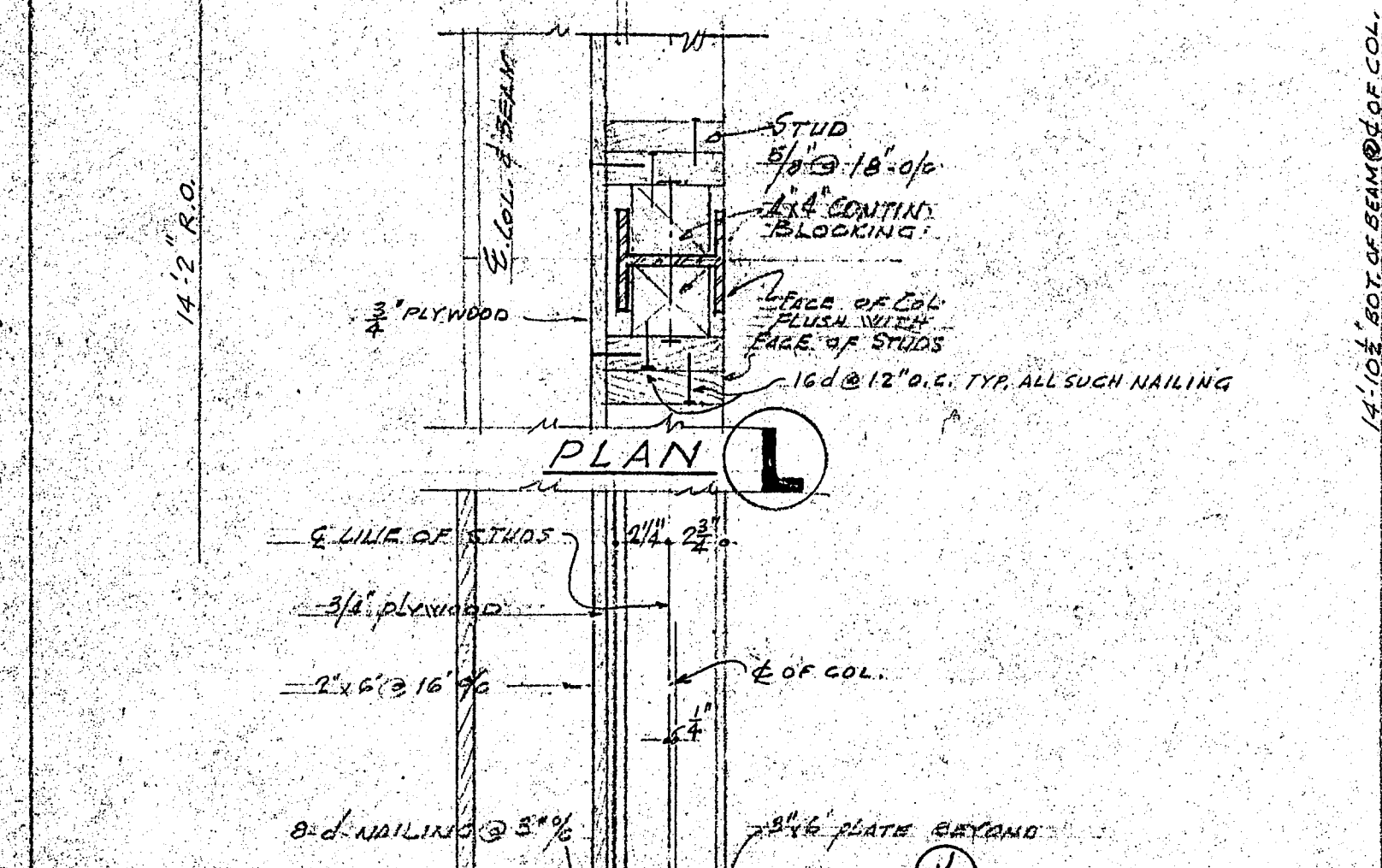
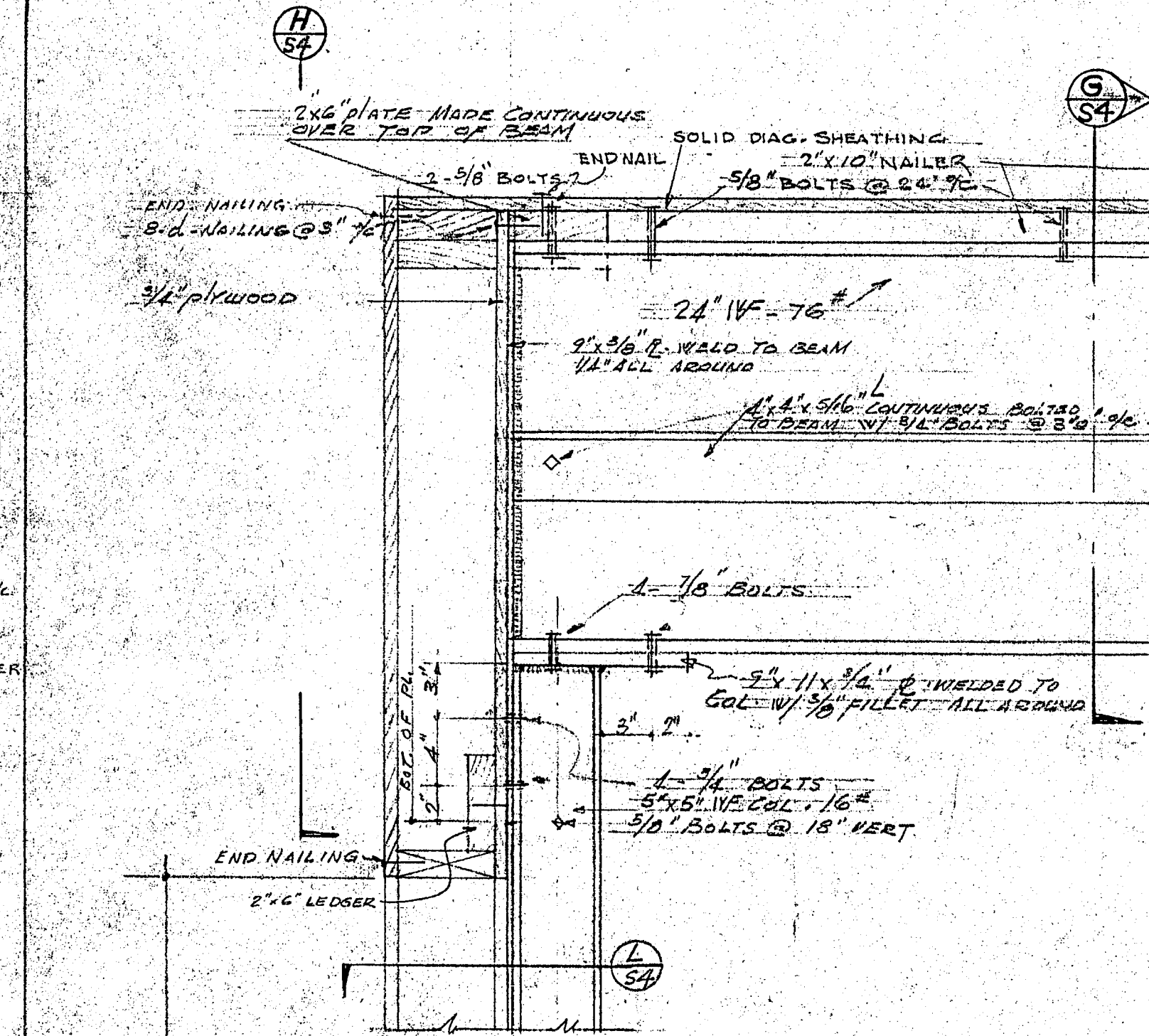
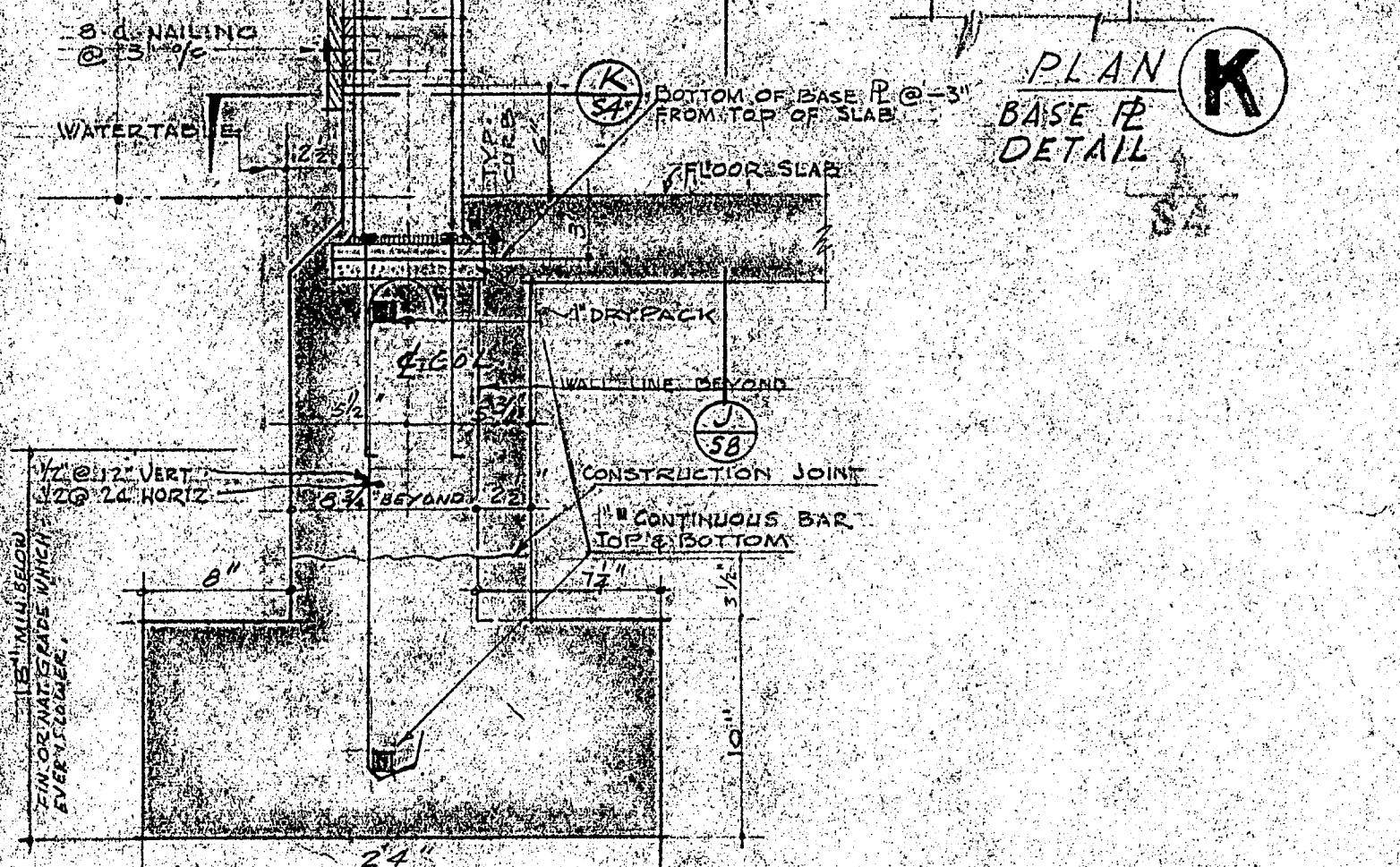
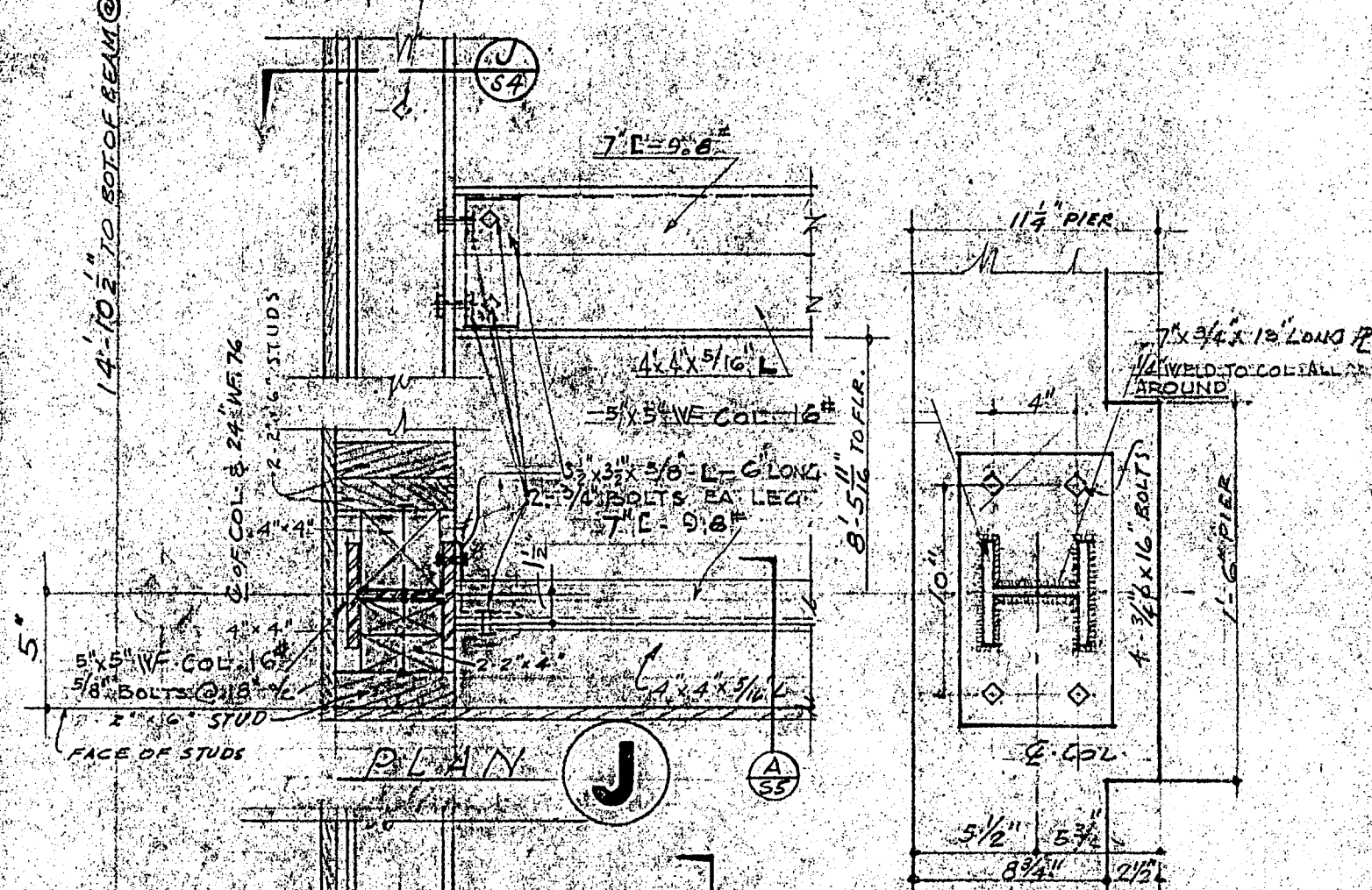
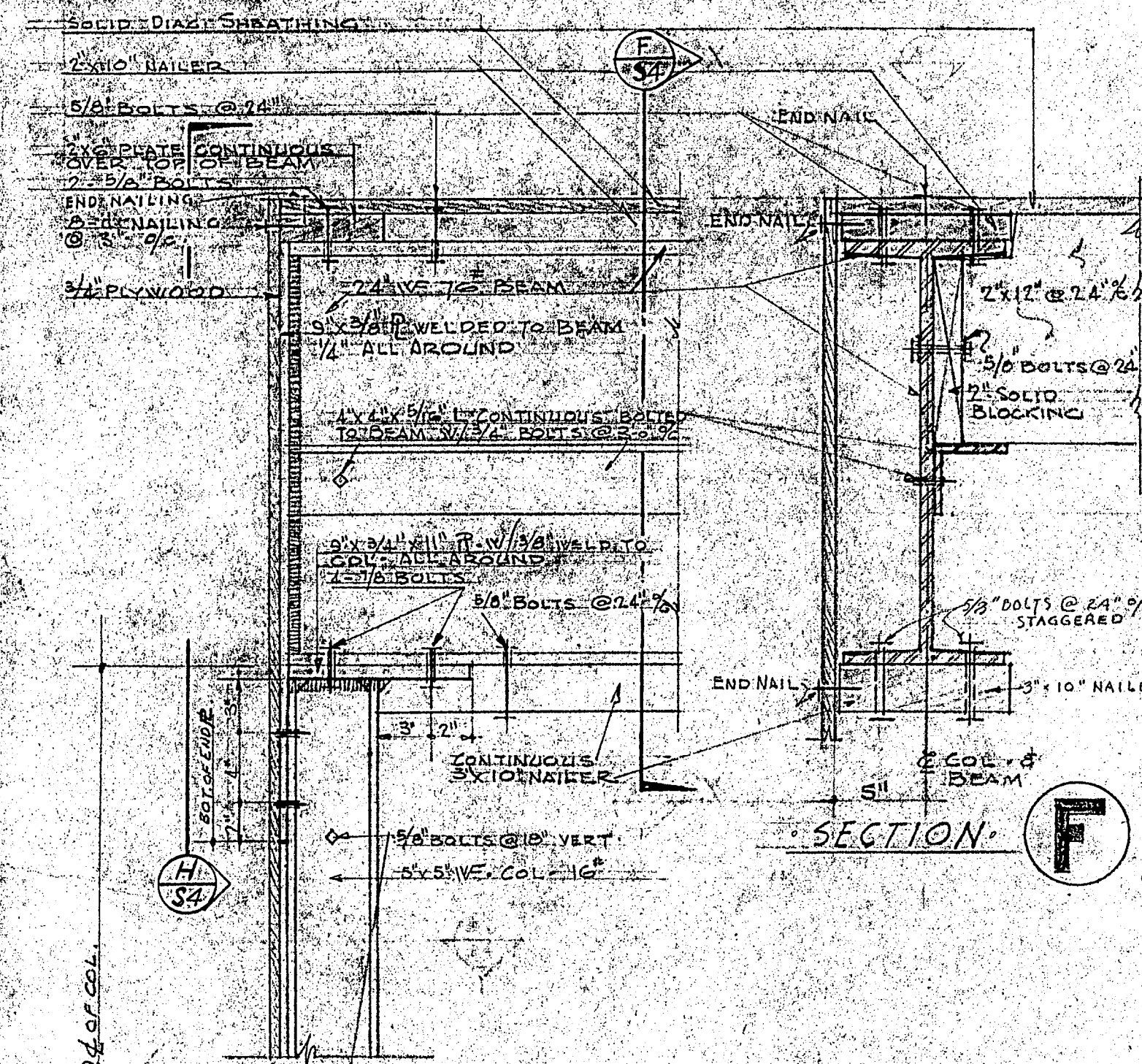
APPROVED  
OFFICE OF THE SUPERINTENDENT OF SCHOOLS  
SAN DIEGO COUNTY  
John S. Carroll  
JOHN S. CARROLL  
Superintendent of Schools  
FEB 2 1950

APPROVED  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_

STATE OF CALIFORNIA  
PUBLIC WORKS  
HARRY M. OBORN  
7624  
ARCHITECT  
KISTNER, CURTIS & WRIGHT  
ARCHITECTS AND ENGINEERS  
LOS ANGELES, CALIF.

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB  
**ROOF FRAMING PLAN**  
CAFETERIA BUILDING  
FOR  
GROSSMONT UNION HIGH SCHOOL DISTRICT  
SAN DIEGO COUNTY, CALIFORNIA  
KISTNER, CURTIS & WRIGHT  
ARCHITECTS AND ENGINEERS  
LOS ANGELES, CALIF.  
SAN DIEGO, CALIF.  
DEC 1949  
SHEET NO. 33  
JOB NO. 201 557





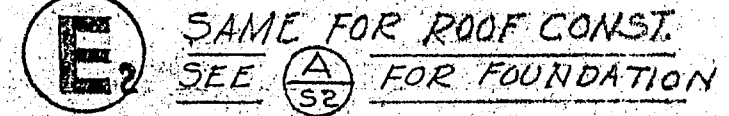
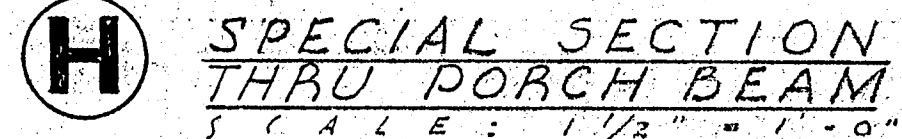
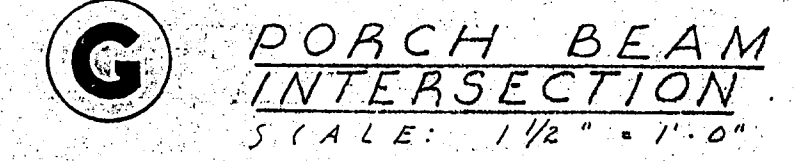
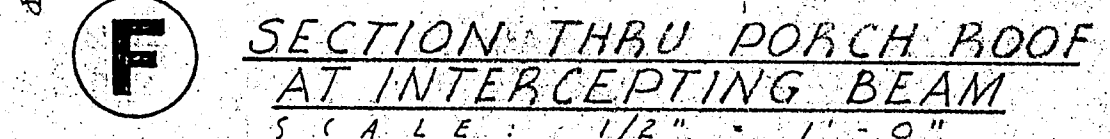
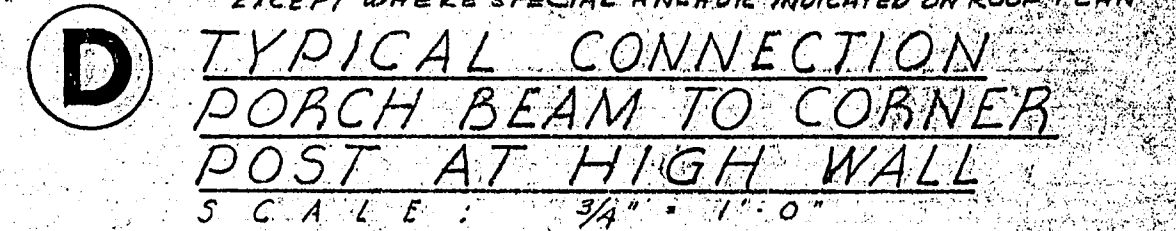
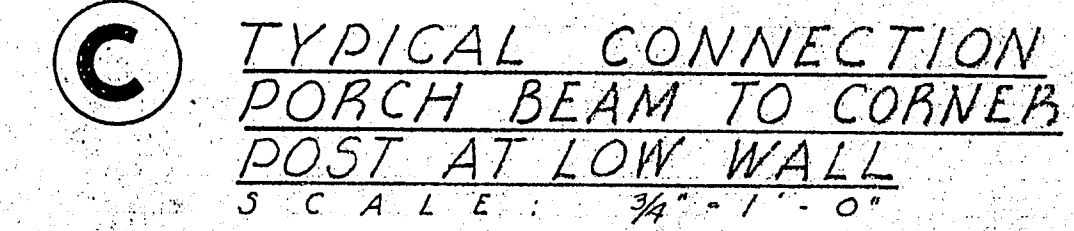
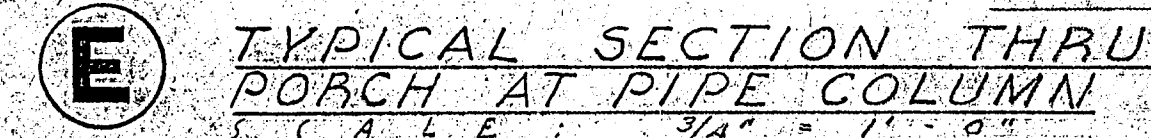
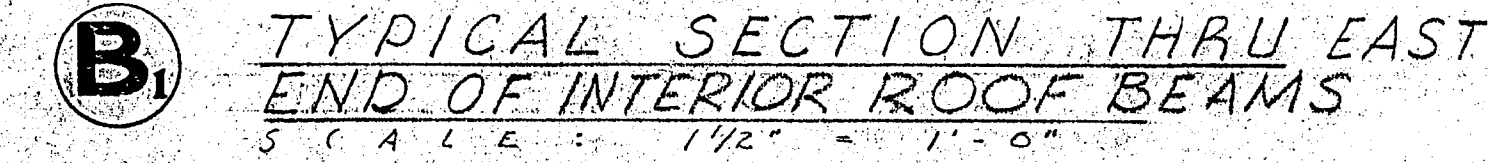
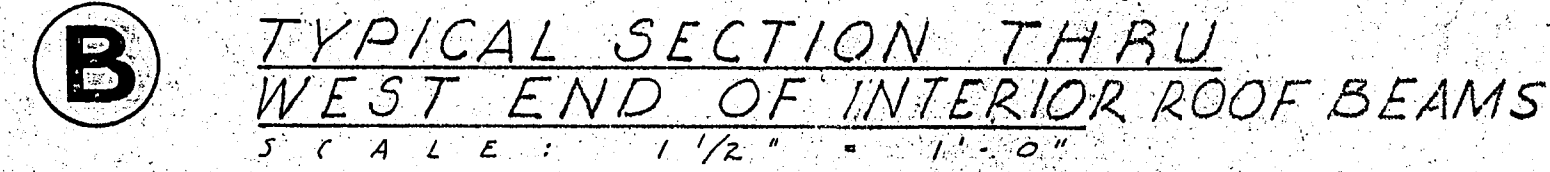
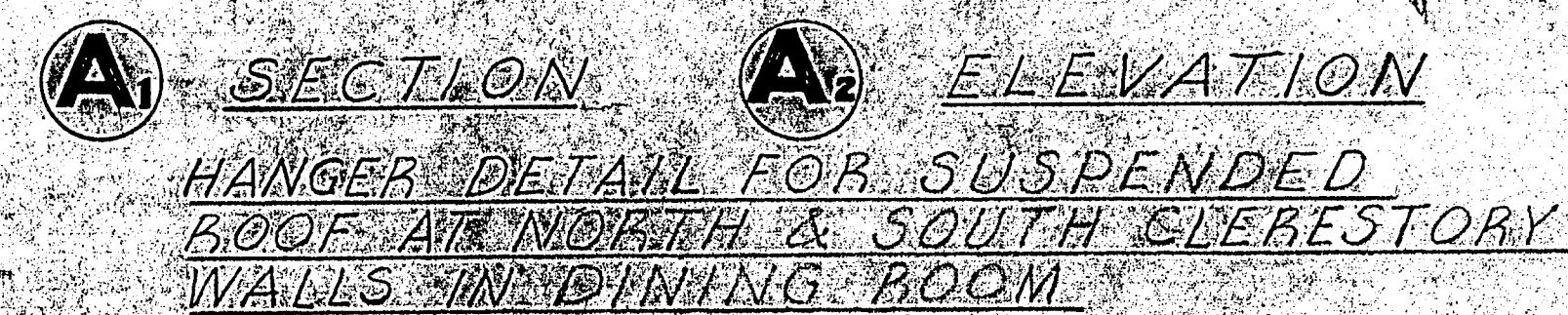
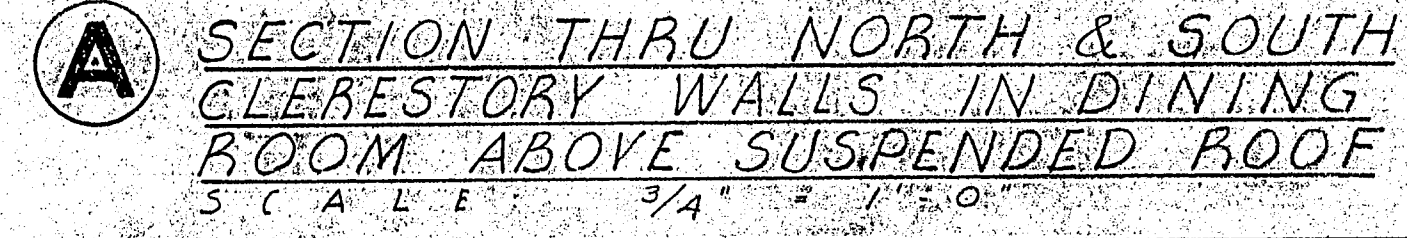
APPROVED  
OFFICE OF THE SUPERINTENDENT OF SCHOOLS  
SAN DIEGO COUNTY  
J. B. Smith  
Superintendent of Schools  
Date: FEB 2 1958

APPROVED  
BY  
BY  
BY  
BY  
BY


STATE OF CALIFORNIA - OFFICE OF PUBLIC WORKS  
DIVISION OF ARCHITECTURE  
APPLICATION NO. 2694  
JAMES W. BARNES  
BY SUPERVISING STRUCTURAL ENGINEER  
ARCHITECT  
STRUCTURAL ENGINEER

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB  
COLUMBIA BUILDING  
CAFETERIA BUILDING  
GROSSMONT UNION HIGH SCHOOL DISTRICT  
SAN DIEGO COUNTY, CALIFORNIA  
KISTNER, CURTIS & WRIGHT  
ARCHITECTS AND ENGINEERS  
LOS ANGELES, CALIF. SAN DIEGO, CALIF.  
DATE: DEC 1949  
CHECKED BY  
SHEET NO. 54  
JOB NO. 5577

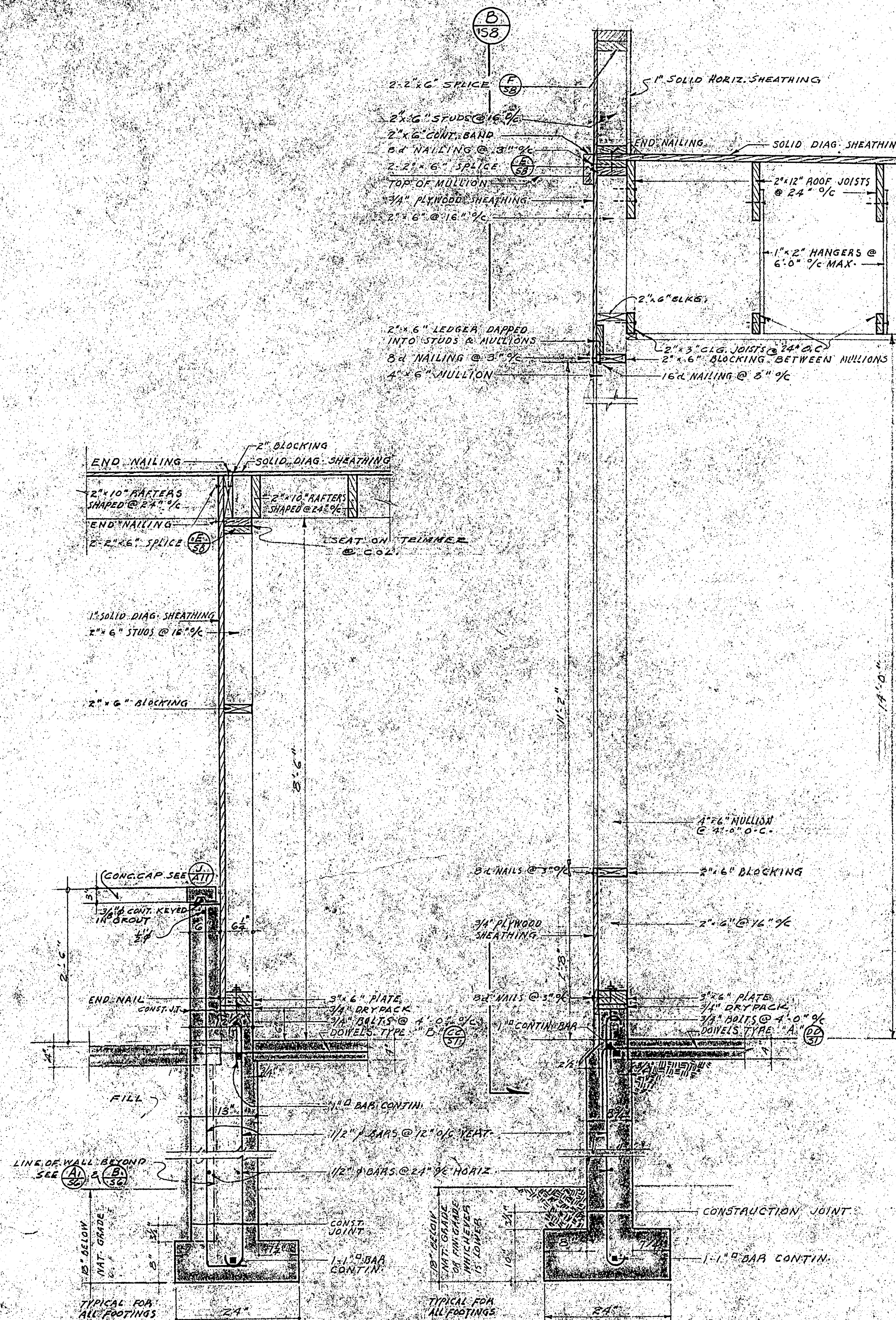




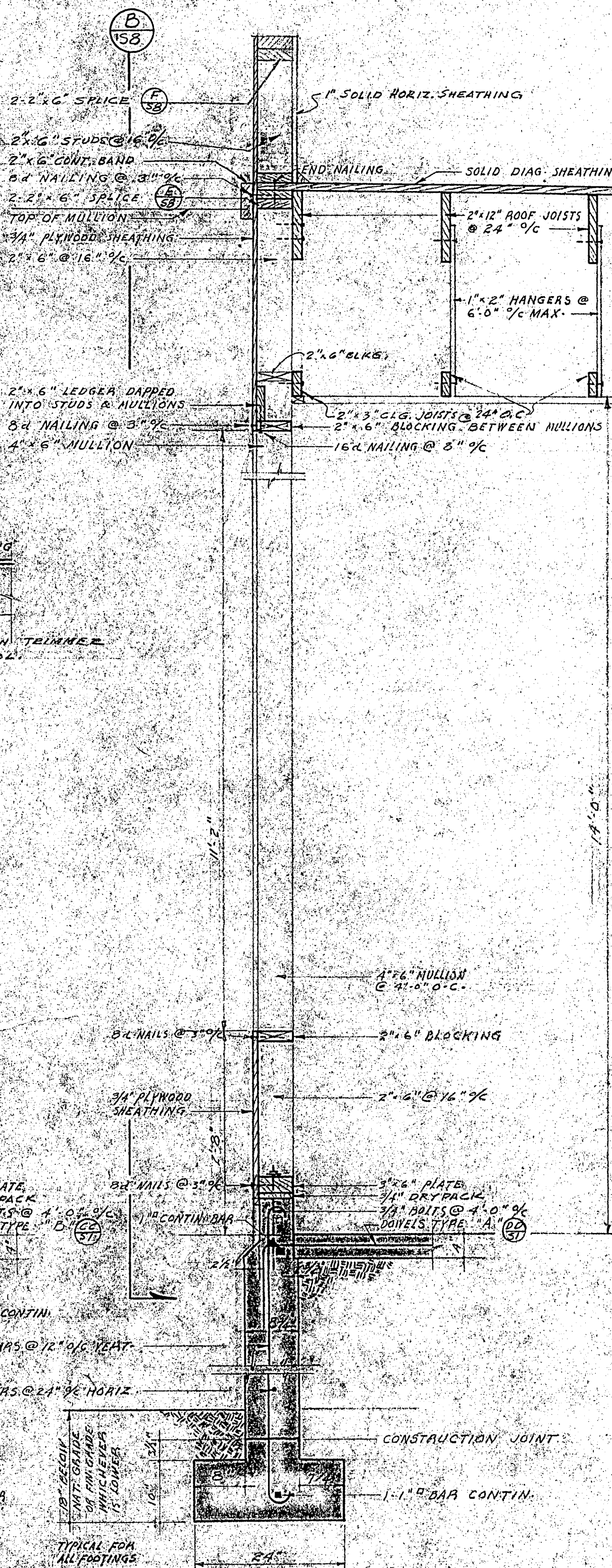
APPROVED  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB		DATE
MISCELLANEOUS DETAILS		DEC 1949
CAFETERIA BUILDING		DR BY
FOR		CHECKED BY
GROSSMONT UNION HIGH SCHOOL DISTRICT SAN DIEGO COUNTY, CALIFORNIA		SHEET NO.
KISTNER, CURTIS & WRIGHT		
ARCHITECTS AND ENGINEERS		
LOS ANGELES, CALIF.	SAN DIEGO, CALIF.	JOB NO. 2 DATE

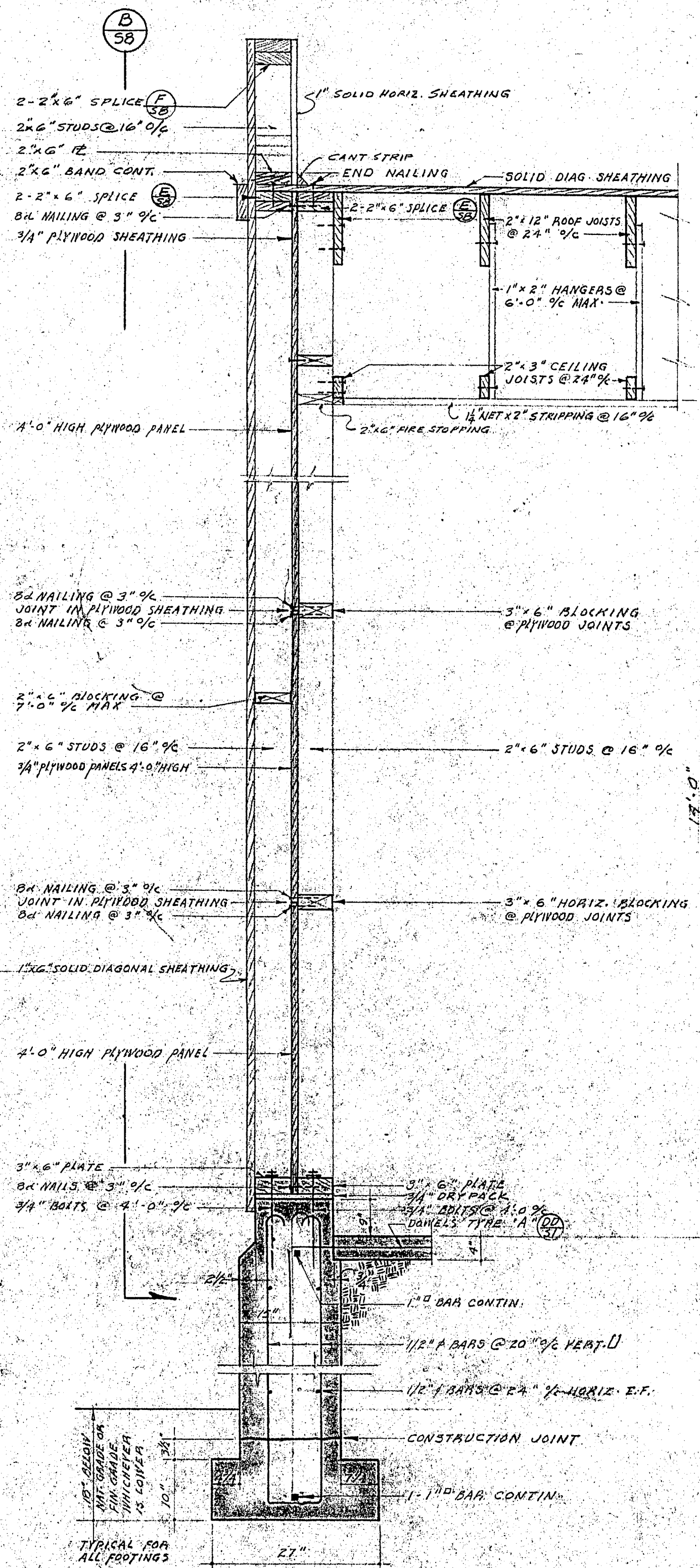




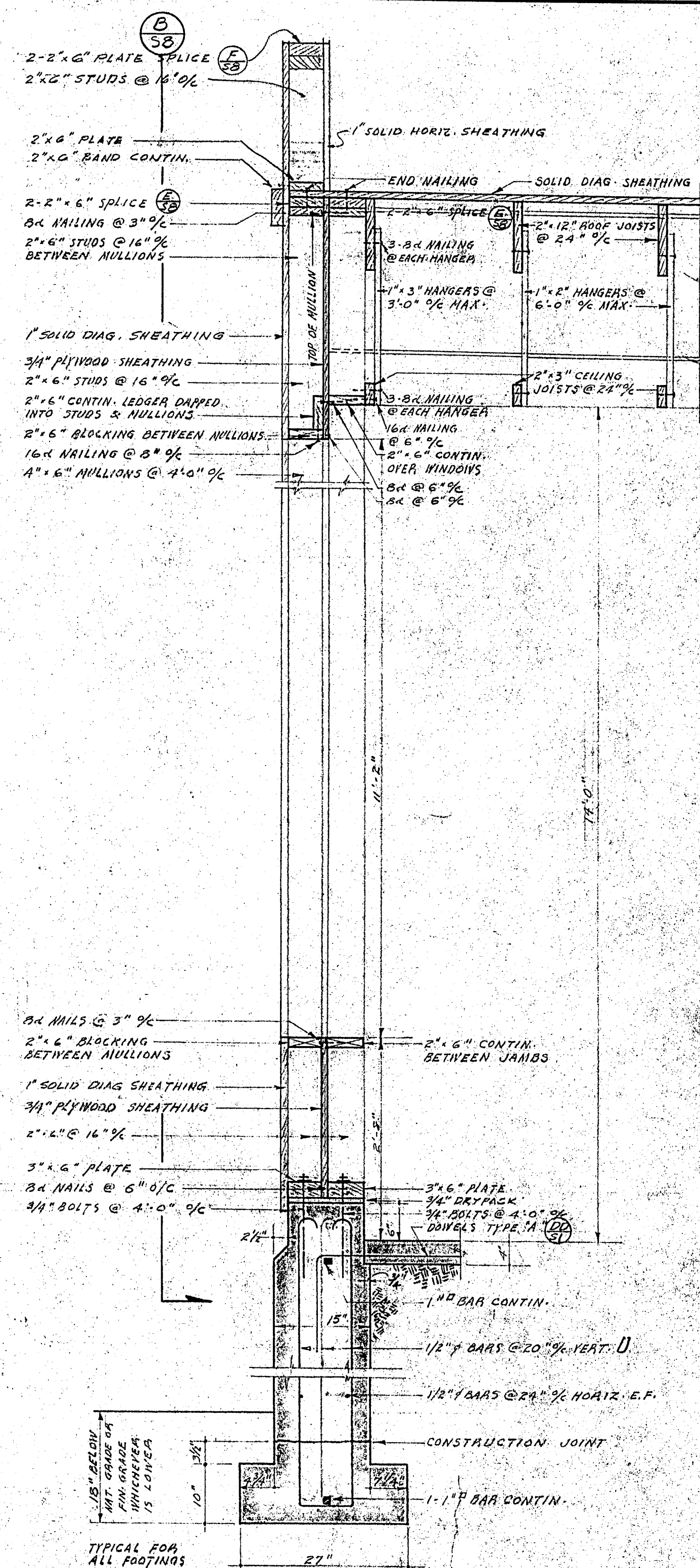
SECTION THRU WEST WALL AT PORCH  
SCALE 3/4"=1'-0"



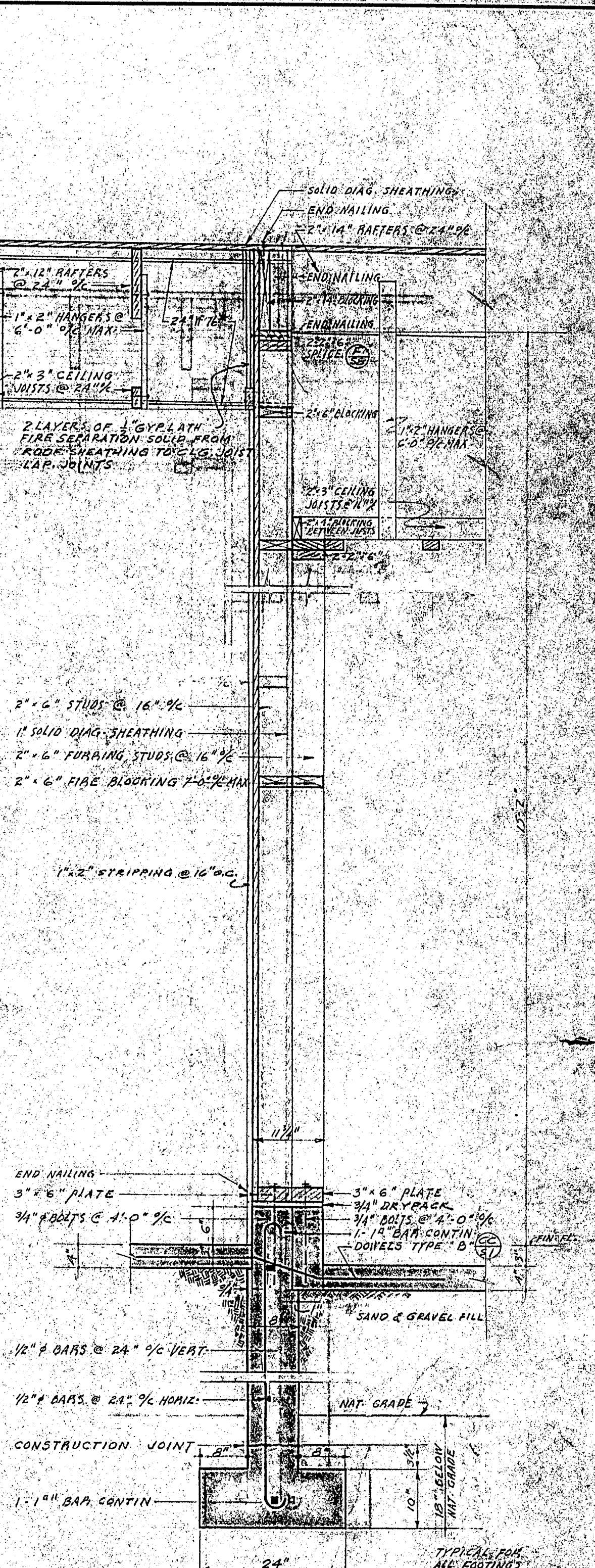
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SCALE 3/4"=1'-0"



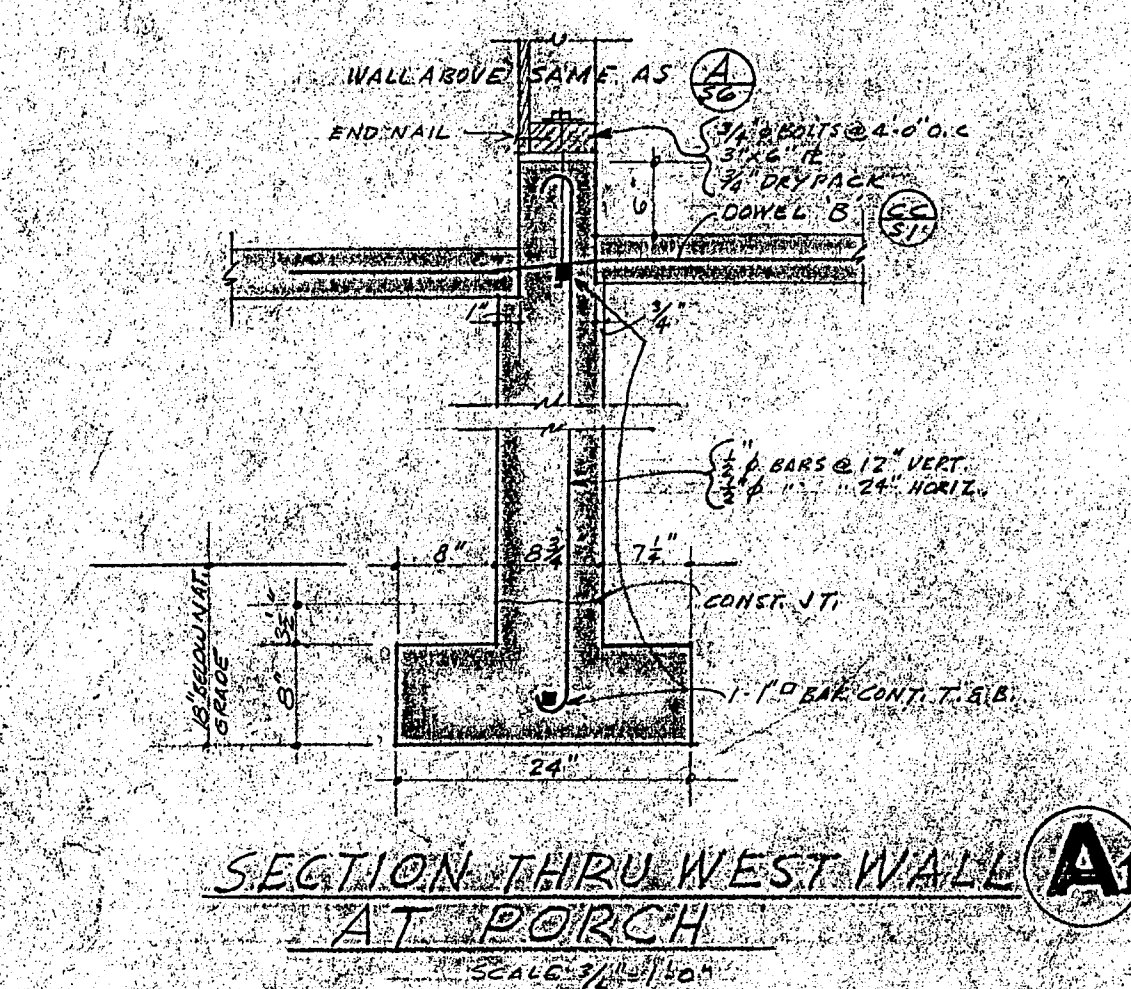
SECTION THRU WEST WALL AT DOUBLE WALL  
SCALE 3/4"=1'-0"



SECTION THRU WEST WALL WINDOWS AT DOUBLE WALL  
SCALE 3/4"=1'-0"



SECTION THRU SHEAR WALL IN DINING ROOM  
SCALE 3/4"=1'-0"



SECTION THRU WEST WALL AT PORCH  
SCALE 3/4"=1'-0"

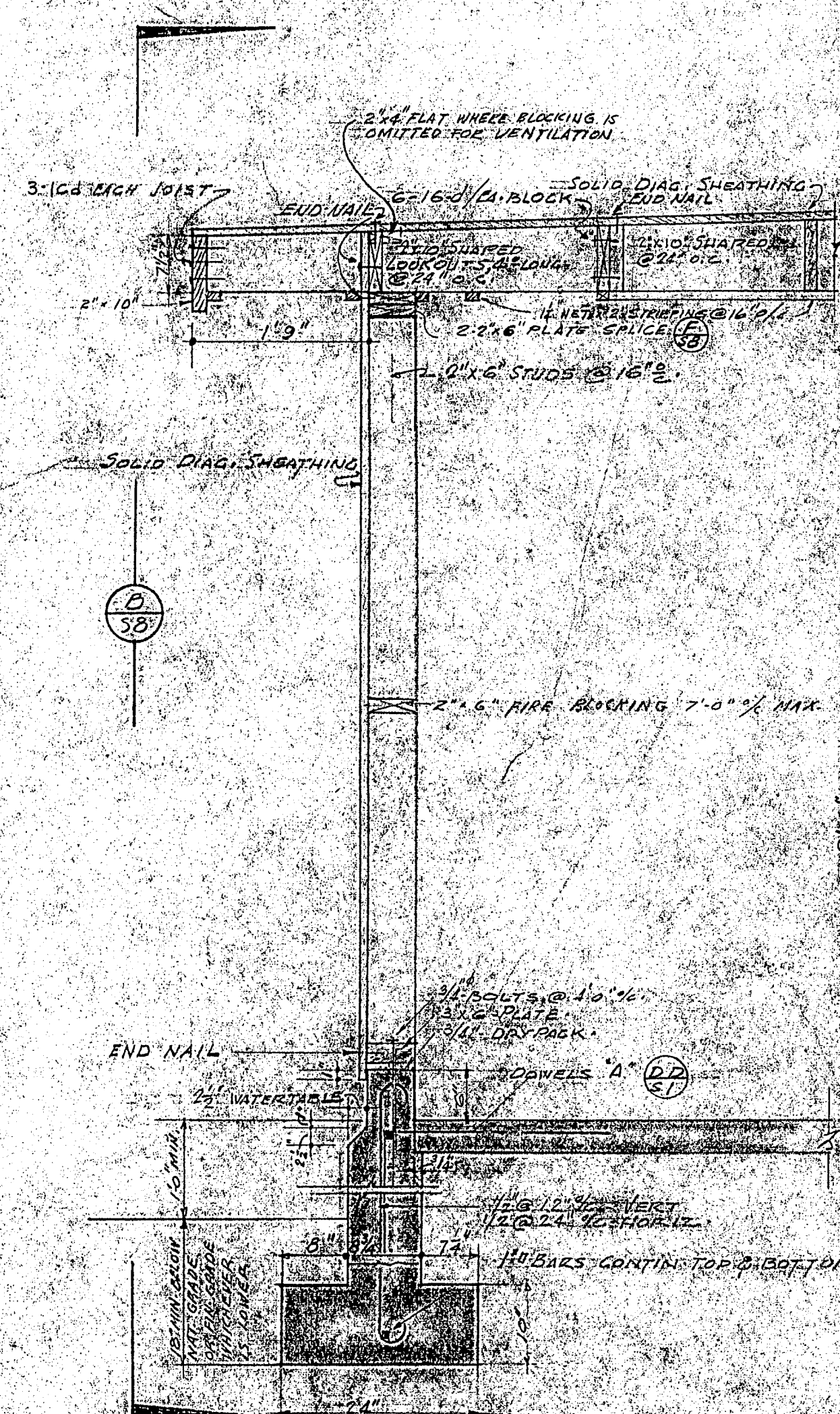
APPROVED  
OFFICE of the SUPERINTENDENT of SCHOOLS  
SAN DIEGO COUNTY  
John S. Carroll  
FEB 2 1950  
This stamp must appear on all drawings.

APPROVED  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
MEMBERS OF GOVERNING BOARD  
GROSSMONT UNION HIGH SCHOOL DISTRICT

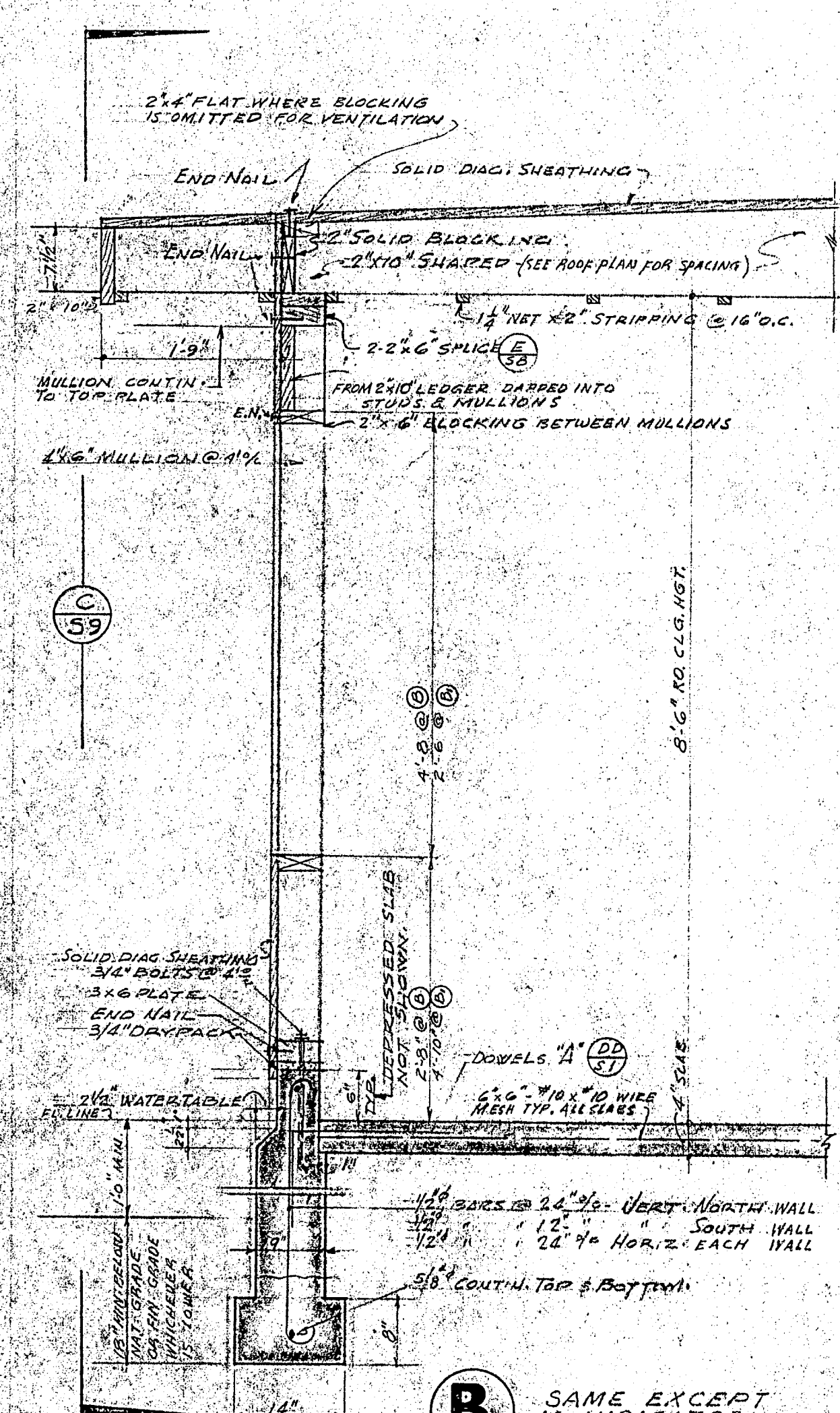
STATE OF CALIFORNIA - DEPT. OF PUBLIC WORKS  
DIVISION OF ARCHITECTURE  
7694  
J. M. Curtis  
ARCHITECT  
STRUCTURAL ENGINEER

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB  
DINING ROOM WALL SECTIONS  
CAFETERIA BUILDING  
GROSSMONT UNION HIGH SCHOOL DISTRICT  
SAN DIEGO COUNTY, CALIFORNIA  
KISTNER CURTIS & WRIGHT  
ARCHITECTS AND ENGINEERS  
LOS ANGELES, CALIF. SAN DIEGO, CALIF.  
DATE: DEC 1949  
CHECKED BY: J. M. Curtis  
JOB NO. 527

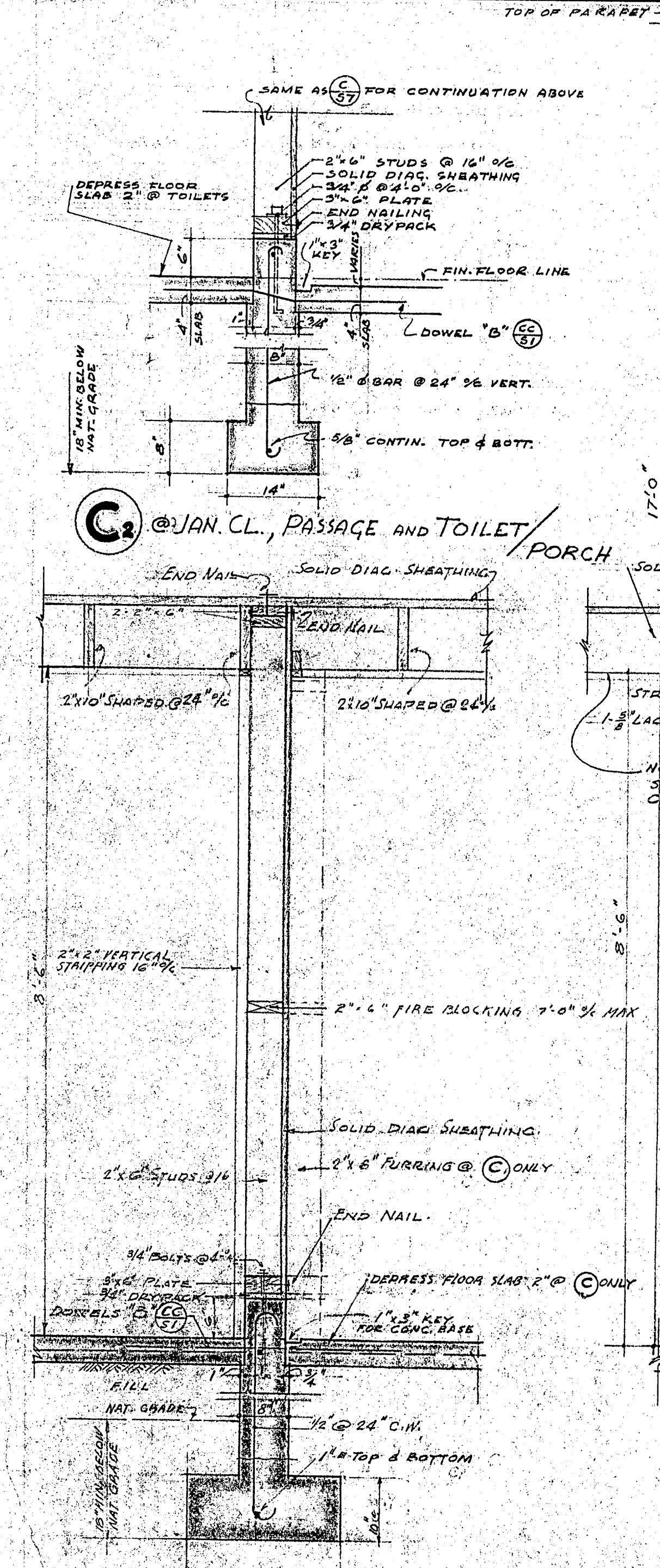




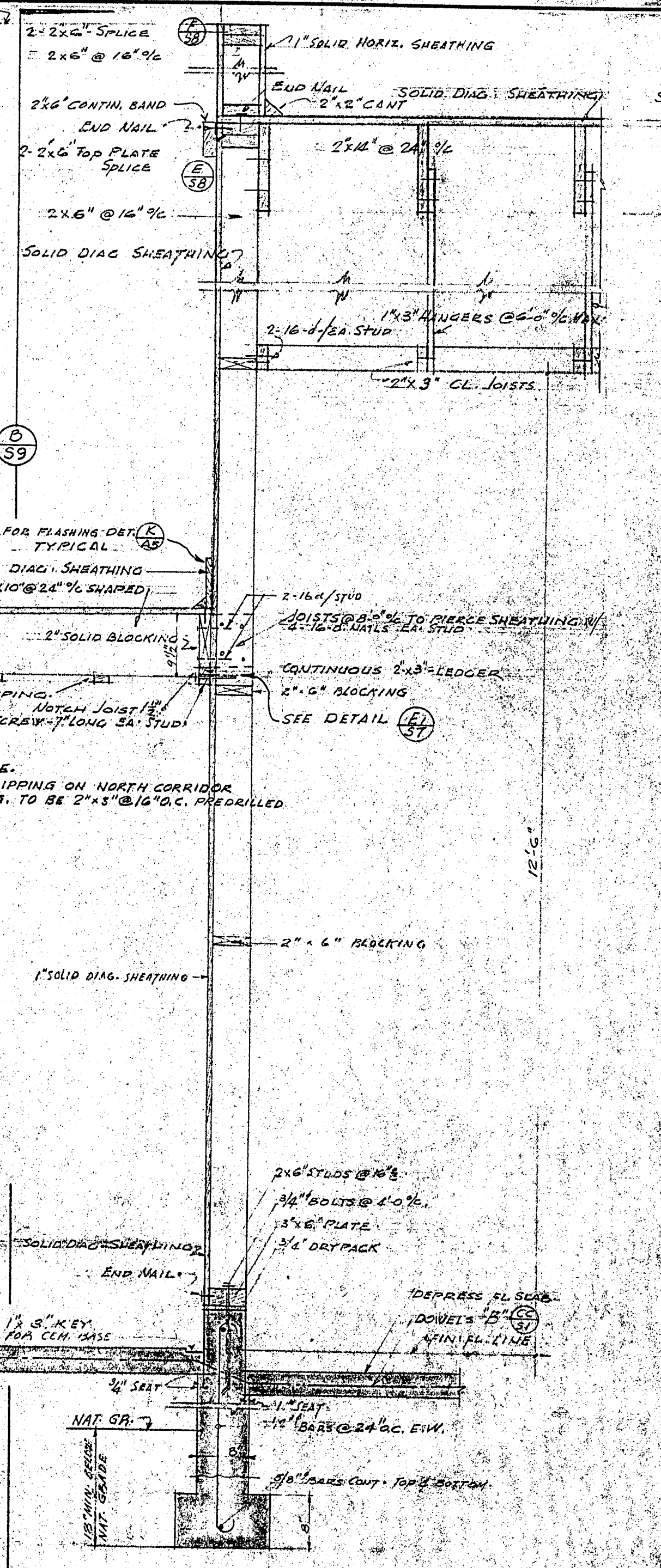
**A** WEST WALL (LOW WALL)  
SCALE 3/4"=1'-0"



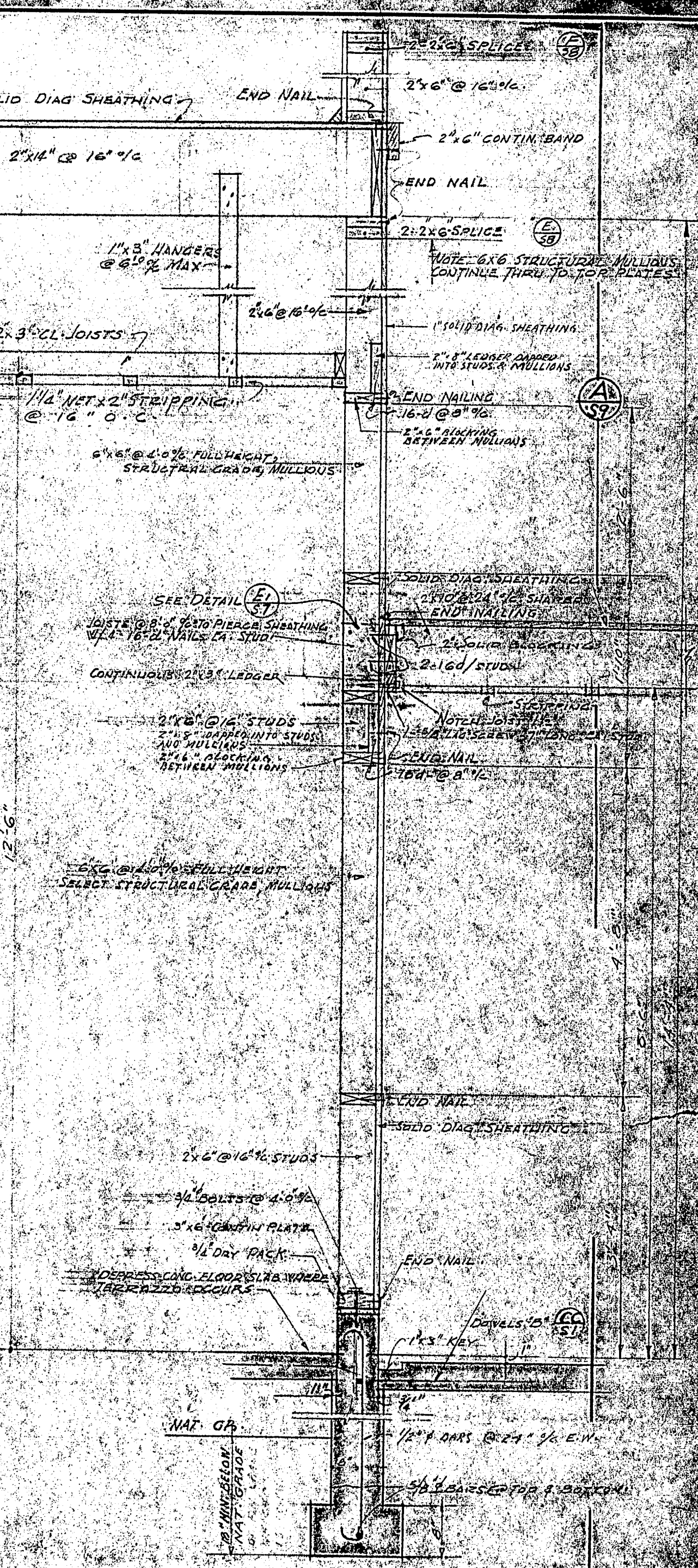
**B** NORTH & SOUTH WALL  
SCALE 3/4"=1'-0"



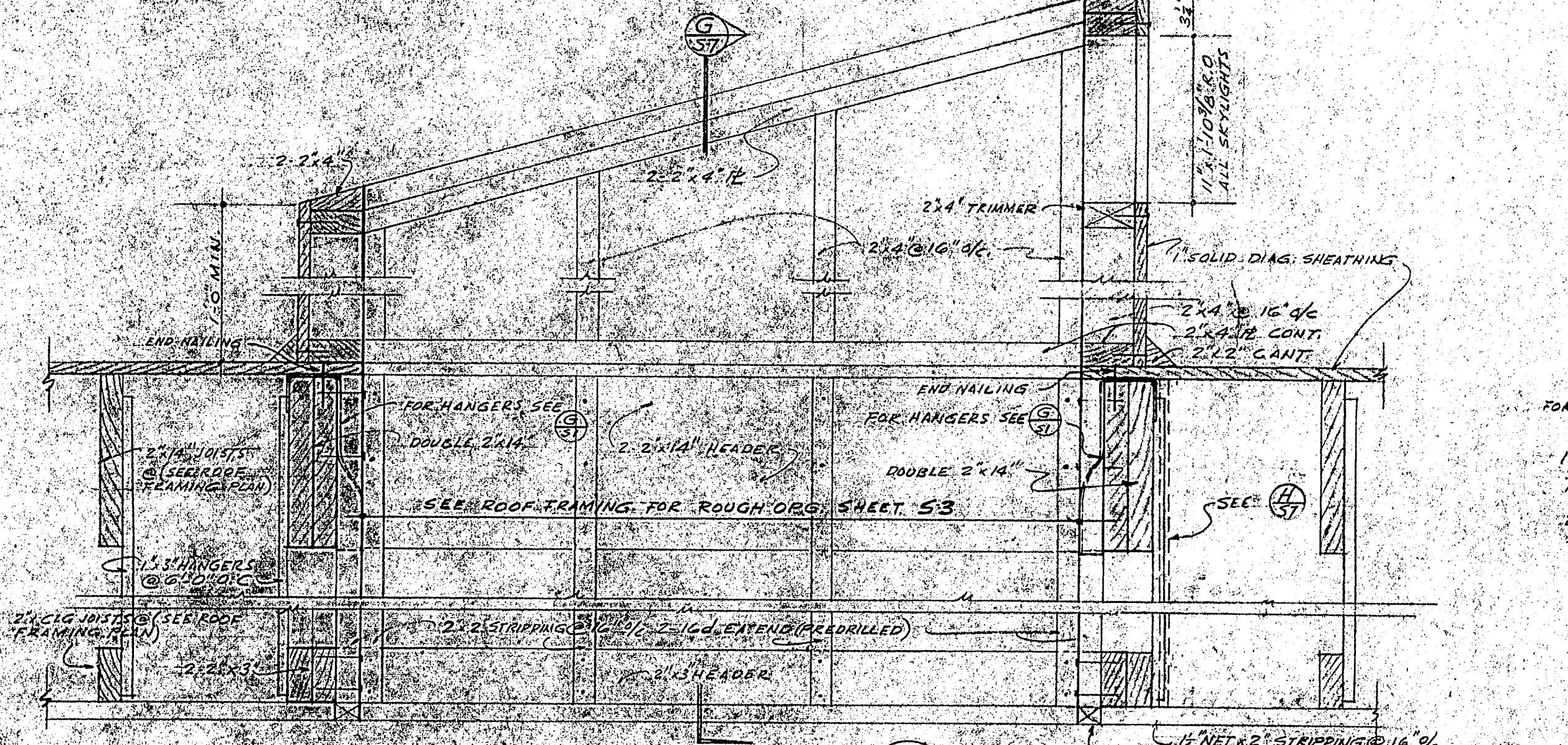
**C** THRU TOILET WALLS & SOUTH END OF DINING ROOM EAST WALL  
SCALE 3/4"=1'-0"



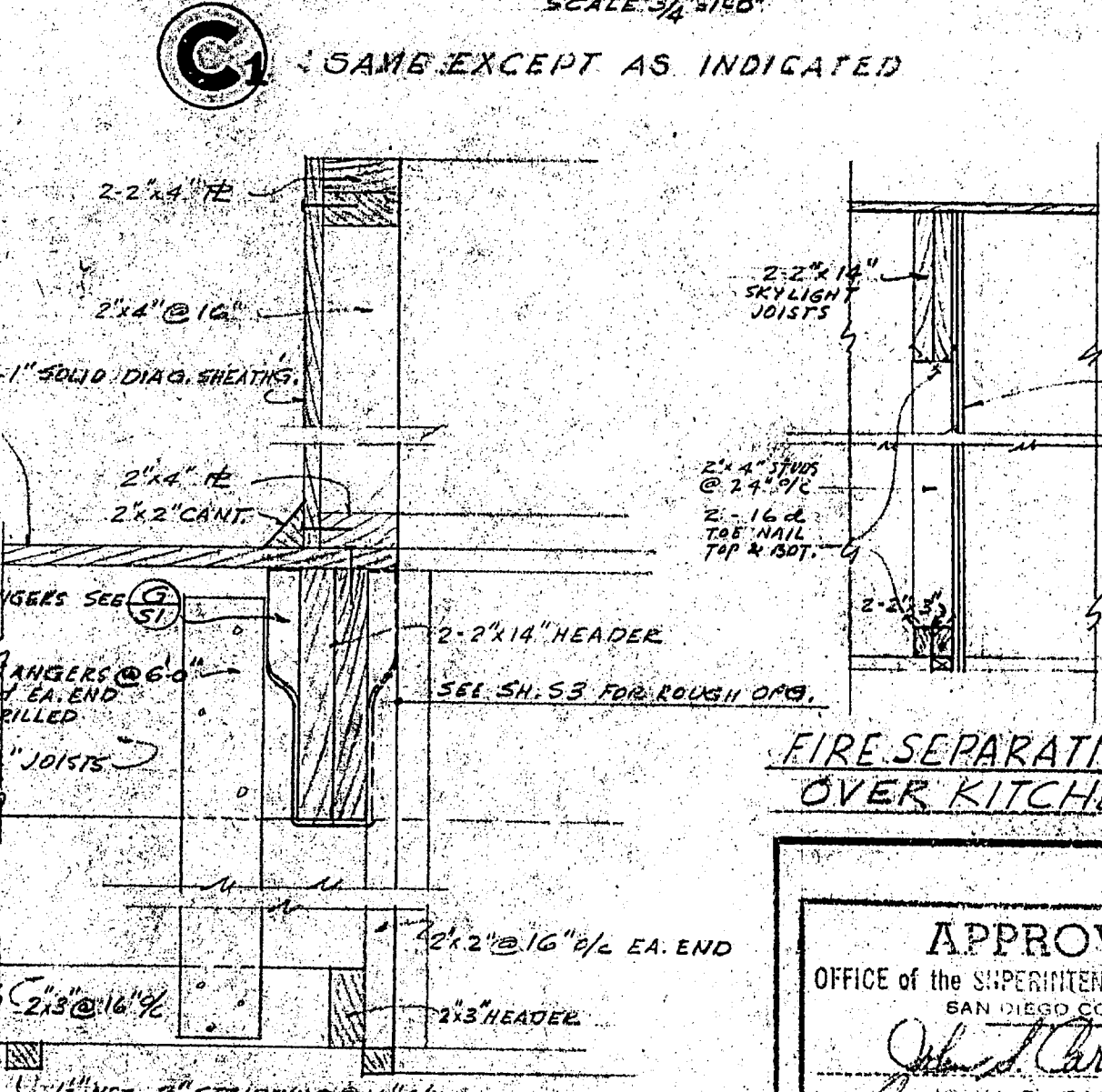
**D** THRU NORTH & SOUTH WALL SERVICE ROOM  
SCALE 3/4"=1'-0"



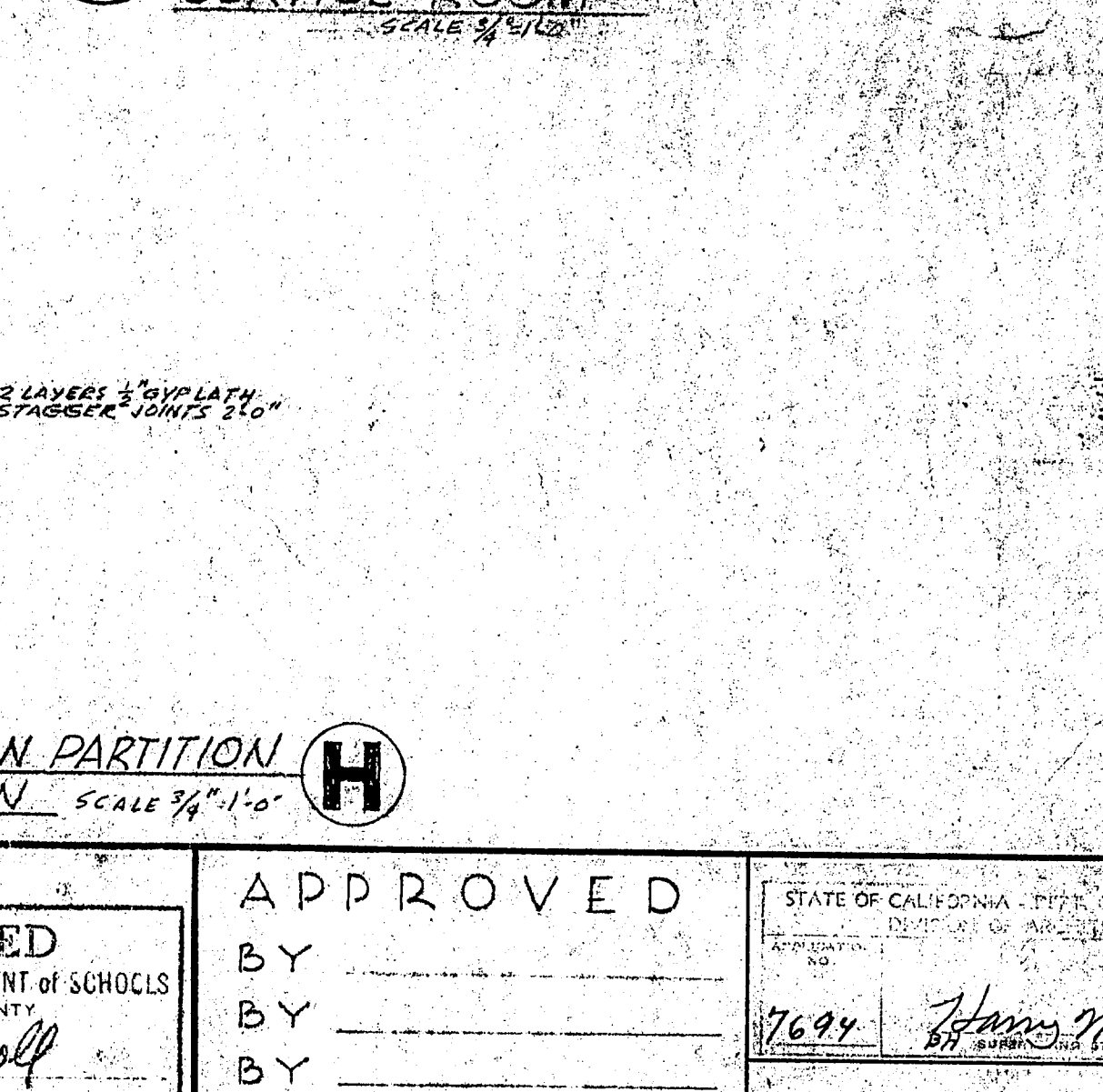
**E** THRU EAST WALL OF KITCHEN  
SCALE 3/4"=1'-0"



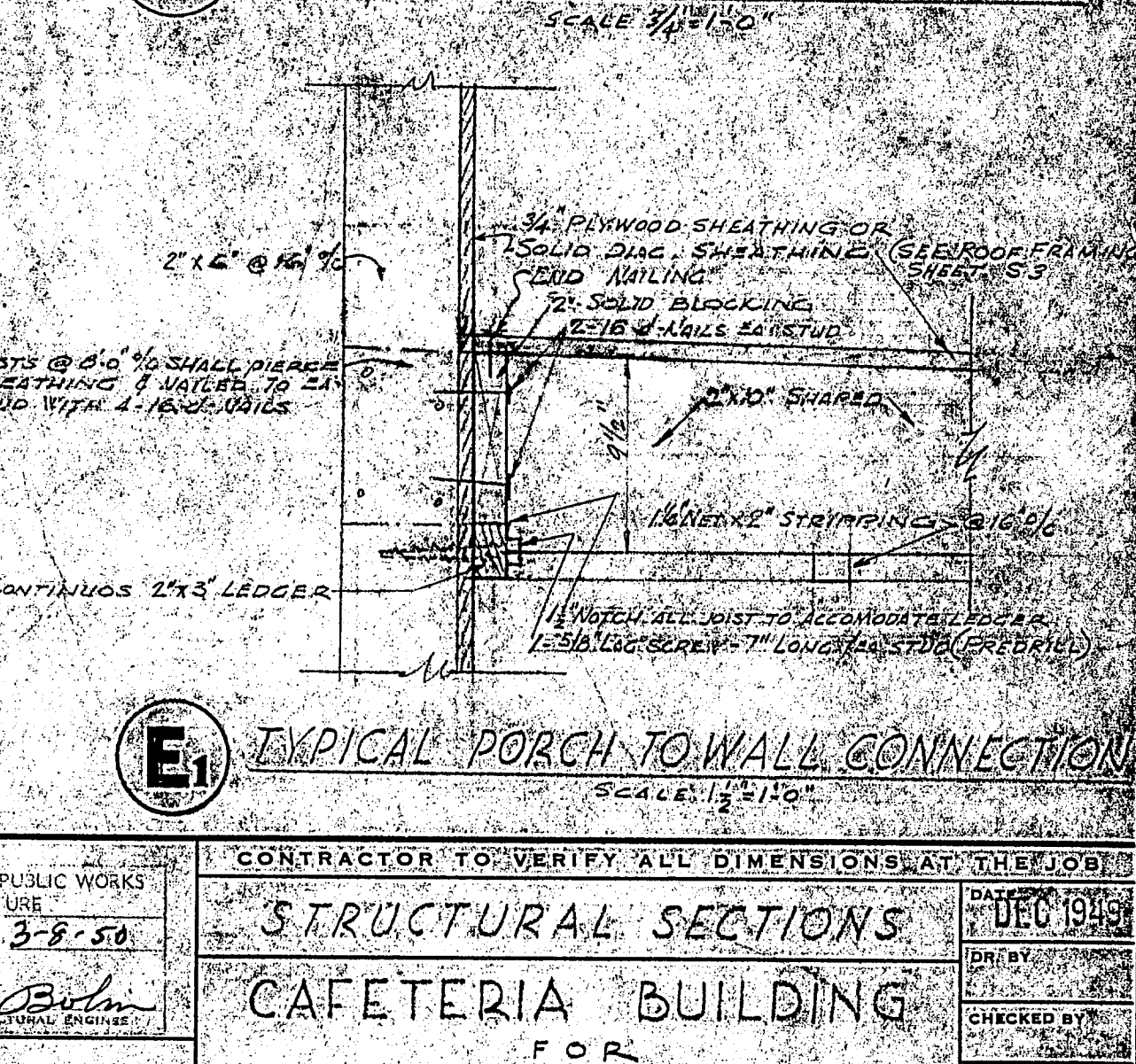
**F** TYPICAL SKYLIGHT DETAILS  
SCALE 3/4"=1'-0"



**G** FIRE SEPARATION PARTITION OVER KITCHEN  
SCALE 3/4"=1'-0"



**H** TYPICAL PORCH TO WALL CONNECTION  
SCALE 3/4"=1'-0"



**I** TYPICAL PORCH TO WALL CONNECTION  
SCALE 3/4"=1'-0"

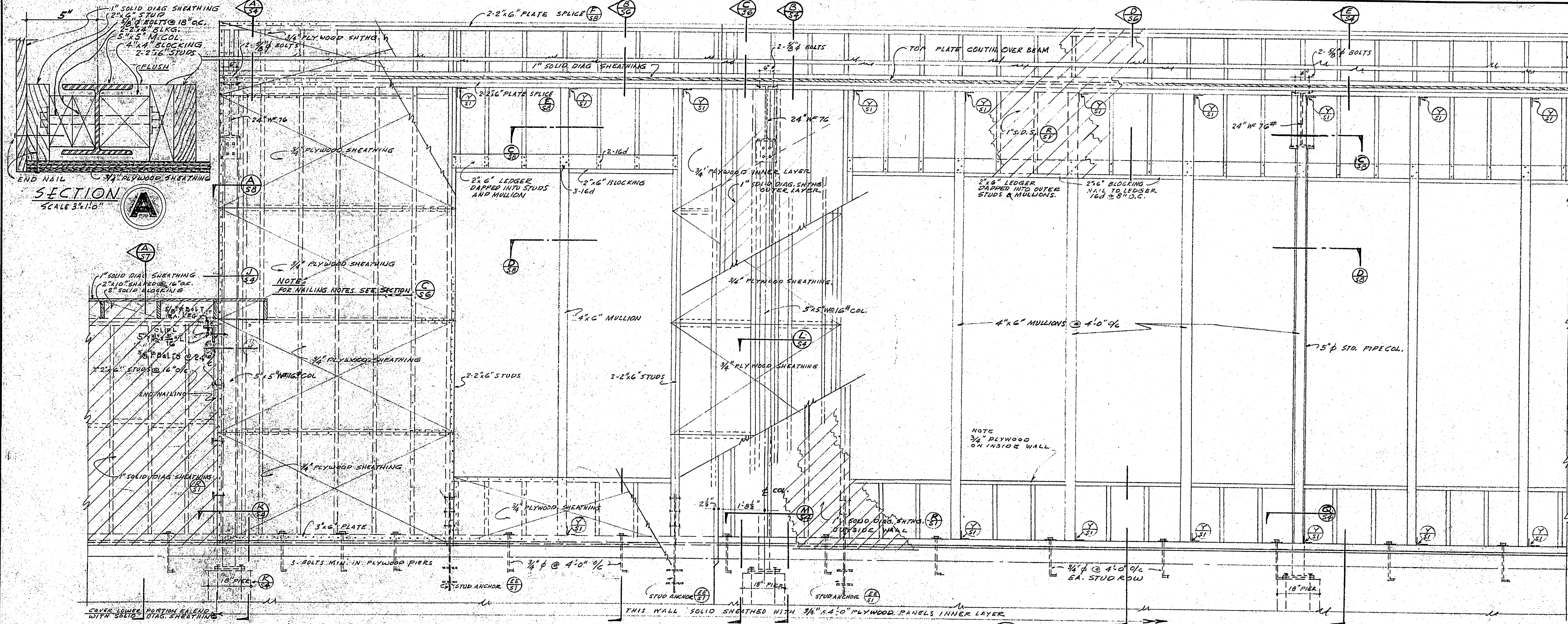
APPROVED  
OFFICE OF THE SUPERINTENDENT OF SCHOOLS  
SAN DIEGO COUNTY  
JAMES CARROLL  
JULY 15, 1953  
FEB 2 1953

APPROVED  
BY  
BY  
BY  
BY  
BY

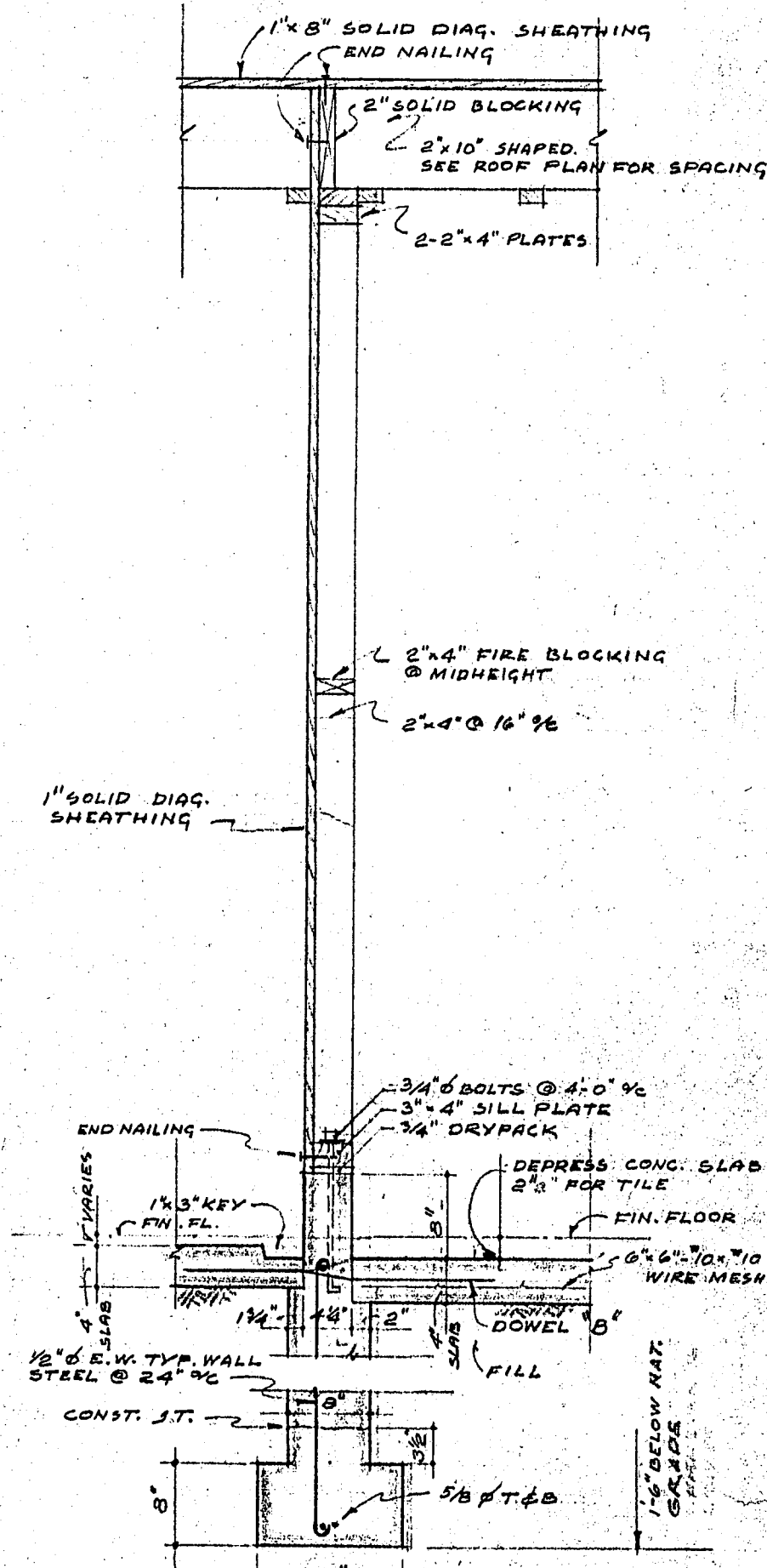
STATE OF CALIFORNIA - TYPE OF PUBLIC WORKS  
17694  
HARRY M. BOHN  
ARCHITECT

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB  
STRUCTURAL SECTIONS  
CAFETERIA BUILDING  
FOR  
GROSSMONT UNION HIGH SCHOOL DISTRICT  
SAN DIEGO COUNTY, CALIFORNIA  
KISTNER, CURTIS & WRIGHT  
ARCHITECTS AND ENGINEERS  
LOS ANGELES, CALIF. SAN DIEGO, CALIF.

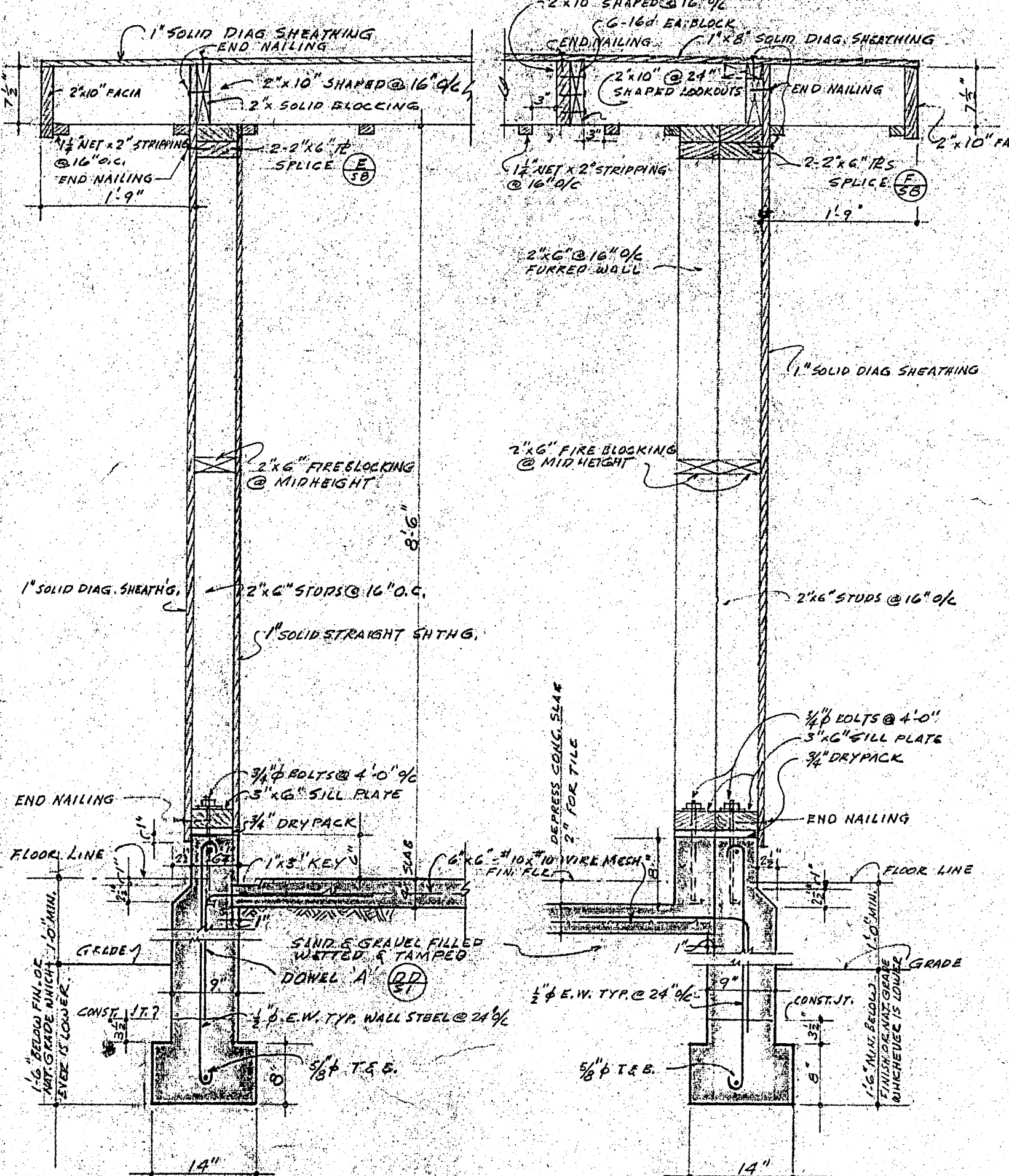




WEST WALL FRAMING ELEVATION (B)  
SCALE 3/4\"/>

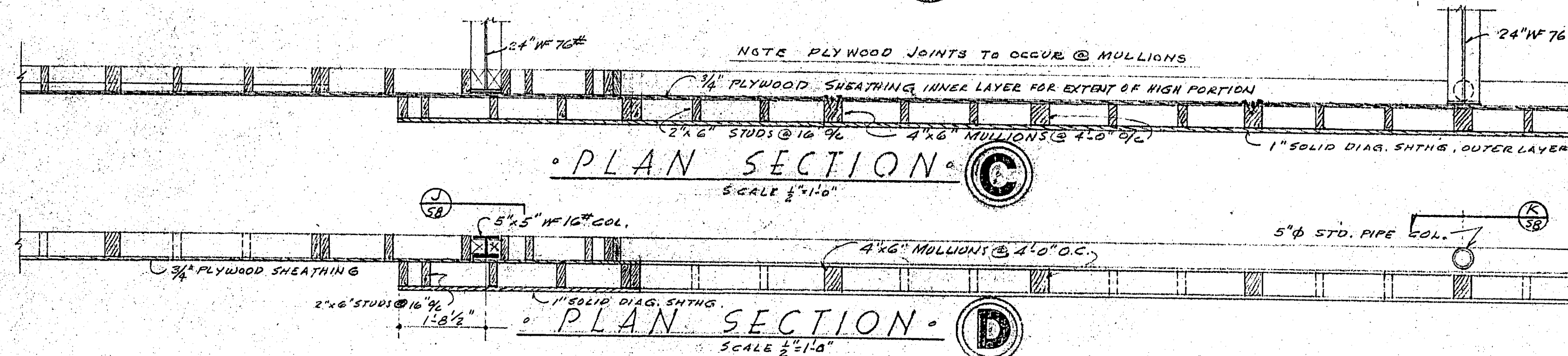


SECTION (M)



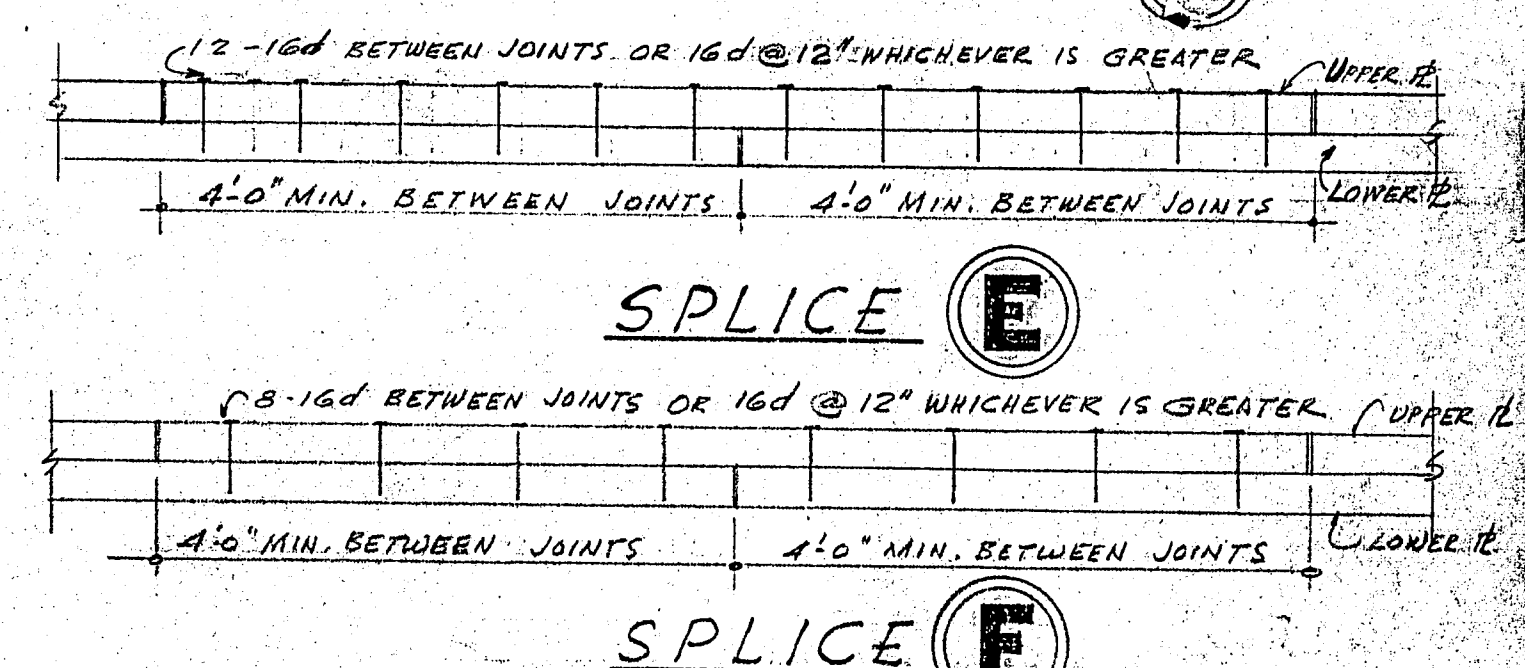
SECTION (G)  
SCALE 3/4\"/>

SECTION (H)  
SCALE 3/4\"/>



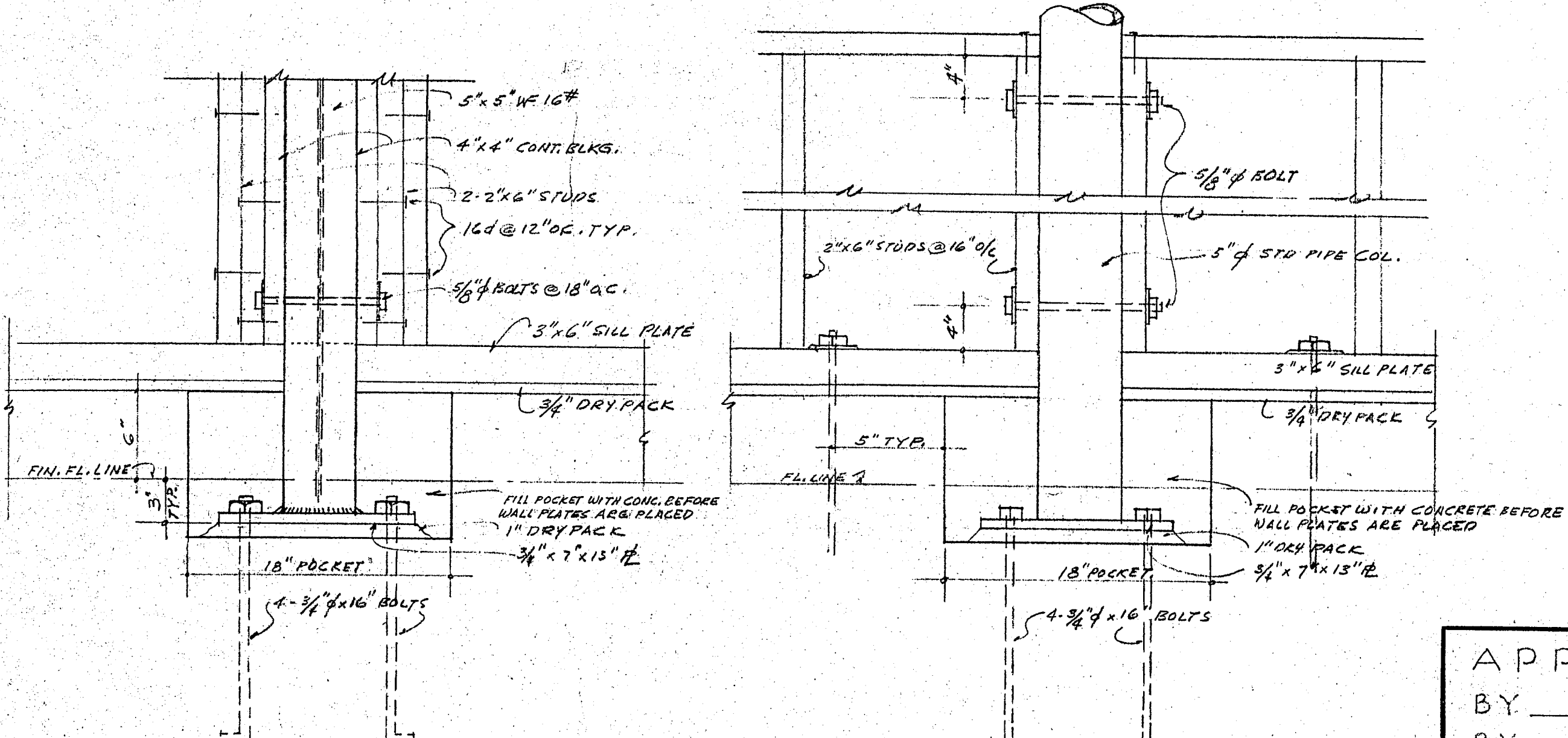
PLAN SECTION (C)  
SCALE 3/4\"/>

PLAN SECTION (D)  
SCALE 3/4\"/>



SPlice (E)

SPlice (F)



ELEV. STEEL COL. ANCHORAGE (J)  
SCALE 1 1/2\"/>

ELEV. PIPE COL. SHOWING STUD BOLTING (K)  
SCALE 1 1/2\"/>

APPROVED  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_

STATE OF CALIFORNIA - DEPT. OF PUBLIC WORKS  
ARCHITECTURE  
7694  
HARRY M. BOBIN  
ARCHITECT

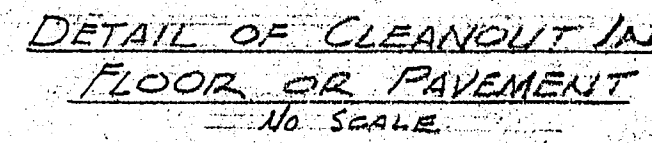
CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE WORK  
WALL FRAMING DETAILS  
CAFETERIA BUILDING  
FOR  
GROSSMONT UNION HIGH SCHOOL DISTRICT  
SAN DIEGO COUNTY, CALIFORNIA  
KISTNER, CURTIS & WRIGHT  
ARCHITECTS AND ENGINEERS  
LOS ANGELES, CALIF.

APPROVED  
OFFICE OF THE SUPERINTENDENT OF SCHOOLS  
SAN DIEGO COUNTY  
JOHN S. CARROLL  
SUPERINTENDENT OF SCHOOLS  
FEB 2 1950

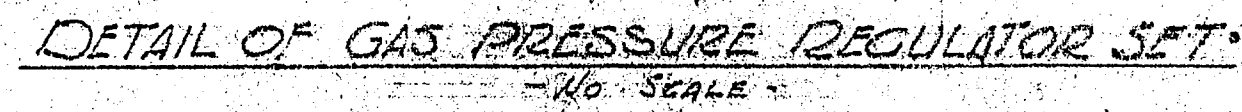


<p align="center"><b>APPROVED</b></p> <p align="center">OFFICE OF the SUPERINTENDENT of SCHOOLS SAN DIEGO COUNTY</p> <p align="center"><i>John S. Carroll</i> JOHN S. CARROLL Superintendent of Schools</p> <p>Dated: <b>FEB 2 1950</b></p> <p align="center">This drawing was shown to me and approved with this signature.</p>	<p align="center"><b>APPROVED</b></p> <p>BY _____</p> <p>BY _____</p> <p>BY _____</p> <p>BY _____</p> <p>BY _____</p> <p>MEMBERS OF GOVERNING BOARD GROSSMONT UNION HIGH SCHOOL DISTRICT</p>	<p>STATE OF CALIFORNIA PUBLIC WORKS DIVISION</p> <p align="right">3-28-50</p> <p>7694 <i>Harry M. Bolin</i> BY SUPERVISING STRUCTURAL ENGINEER</p> <p align="center"><i>A.K. Curtis</i> ARCHITECT</p>	<p align="center"><b>CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB</b></p> <p align="center"><b>WALL FRAMING ELEVATIONS</b></p> <p align="center"><b>CAFETERIA BUILDING</b> FOR GROSSMONT UNION HIGH SCHOOL DISTRICT SAN DIEGO COUNTY, CALIFORNIA</p> <p align="center"><b>KISTNER, CURTIS &amp; WRIGHT</b> ARCHITECTS AND ENGINEERS</p>	<p>DATE: <b>DEC 1949</b></p> <p>DR BY:</p> <p>CHECKED BY:</p> <p>PERMIT NO. <b>SS</b></p> <p>FOR SHEET</p>
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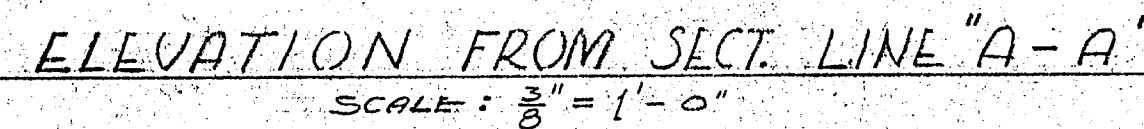




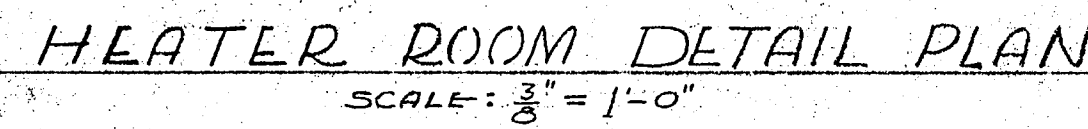
DETAIL OF CLEANOUT IN  
FLOOR OR PAVEMENT  
NO SCALE



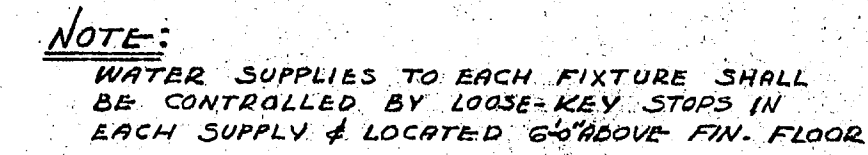
DETAIL OF GAS PRESSURE REGULATOR SET.  
- NO SCALE -



ELEVATION FROM SECT. LINE "A-A"  
SCALE:  $\frac{3}{8}" = 1' - 0"$



HEATER ROOM DETAIL PLAN  
SCALE:  $\frac{3}{8}'' = 1'-0''$



NOTE:  
WATER SUPPLIES TO EACH FIXTURE SHALL  
BE CONTROLLED BY LOOSE-KEY STOPS IN  
EACH SUPPLY & LOCATED 6" ABOVE FIN. FLOOR

**APPROVED**  
OFFICE OF THE SUPERINTENDENT OF SCHOOLS  
SAN DIEGO COUNTY

*John S. Castroll*

JOHN S. CASTROLL  
Superintendent of Schools

**FEB 2 1950**

Dated: \_\_\_\_\_  
No. \_\_\_\_\_

**APPROVED**

BY \_\_\_\_\_

BY \_\_\_\_\_

BY \_\_\_\_\_

BY \_\_\_\_\_

BY \_\_\_\_\_

STATE OF CALIFORNIA, DEPT. OF PUBLIC WORKS  
DIVISION OF HIGHWAYS

**APPROVED**

APPROVED BY: \_\_\_\_\_  
DATE: **3-8-**

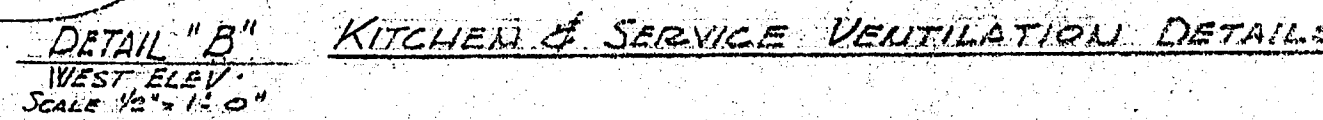
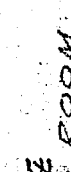
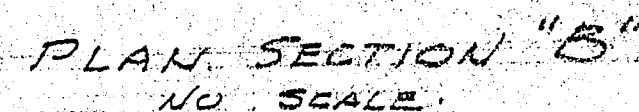
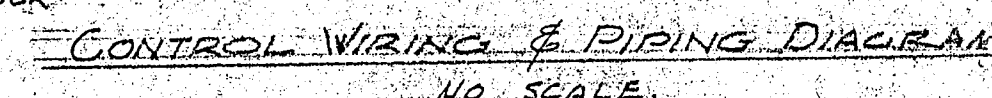
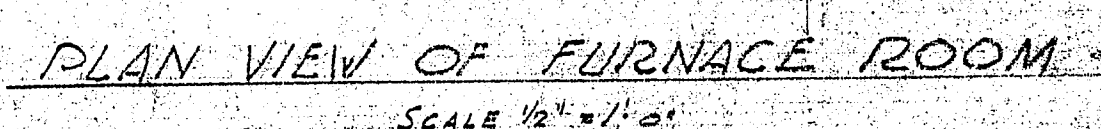
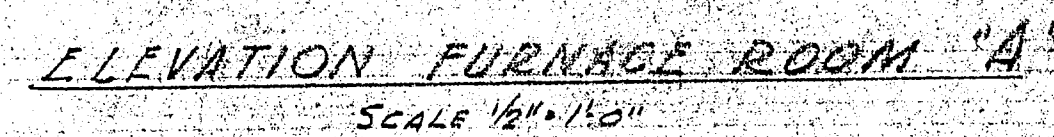
**7694** *John M. B...*  
BY SUPERVISOR, DISTRICT \_\_\_\_\_

*A. A. Curtis*

<p><b>APPROVED</b></p> <p>OFFICE OF THE SUPERINTENDENT OF SCHOOLS</p> <p>SAN DIEGO COUNTY</p> <p><i>John S. Castroll</i></p> <p>JOHN S. CASTROLL Superintendent of Schools</p> <p><b>FEB 2 1950</b></p> <p>Dated: _____ No. _____</p>	<p><b>APPROVED</b></p> <p>BY _____</p> <p>BY _____</p> <p>BY _____</p> <p>BY _____</p> <p>BY _____</p>	<p>STATE OF CALIFORNIA, DEPT. OF PUBLIC WORKS DIVISION OF HIGHWAYS</p> <p><b>APPROVED</b></p> <p>APPROVED BY: _____ DATE: <b>3-8-</b></p> <p><b>7694</b> <i>John M. B...</i> BY SUPERVISOR, DISTRICT _____</p> <p><i>A. A. Curtis</i></p>
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DATE	
DEC 1949	
DR. BY	
CHECKED BY	
SHEET NO.	
M 1	
OF	SHEETS
JOB NO.	
201 5	



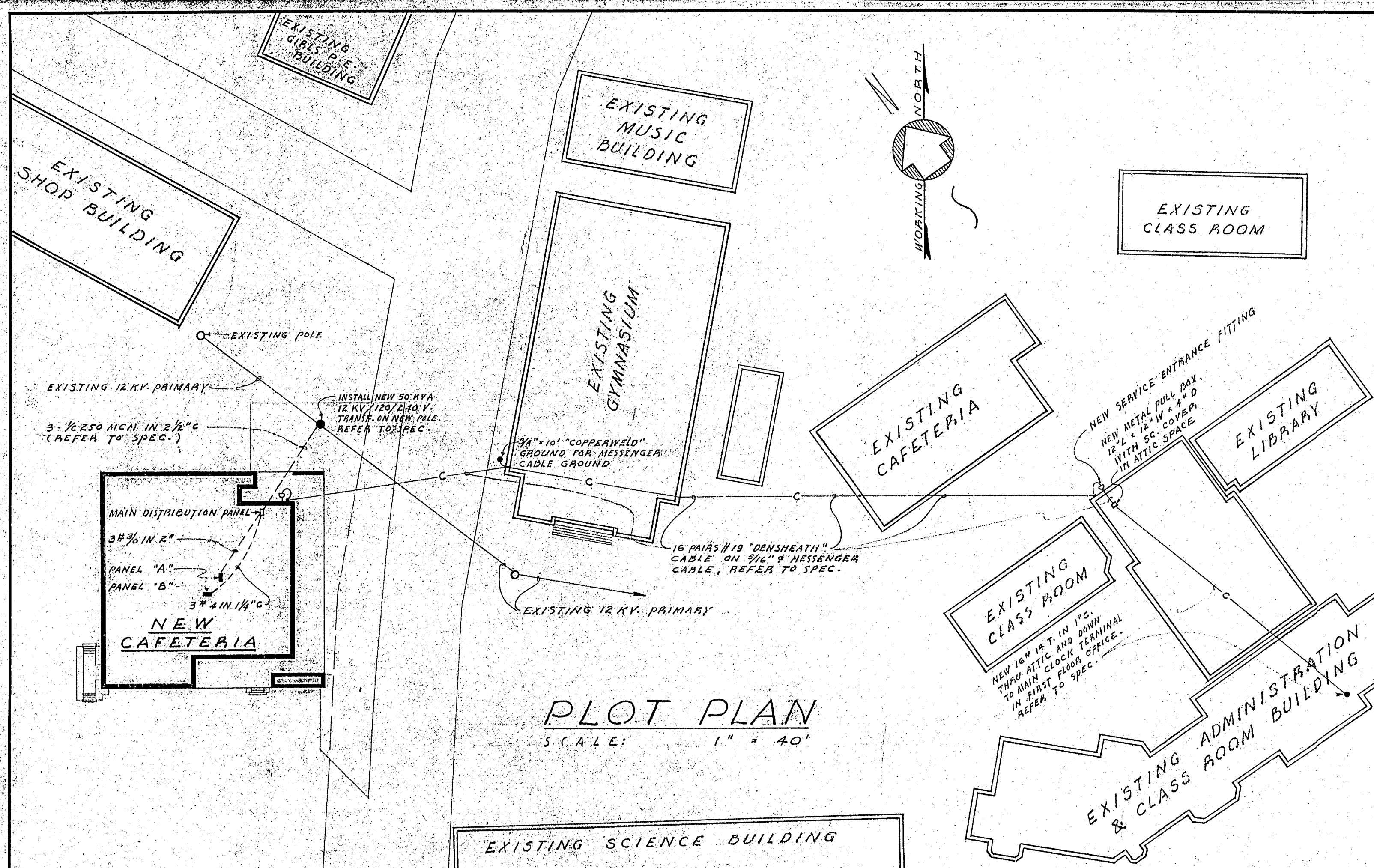


**A P P R O V E D**

BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB		DATE	DEC 1945
HEATING & VENTILATING		DR. BY	
CAFETERIA BUILDING		CHECKED BY	
FOR		SHEET NO.	M2
GROSSMONT UNION HIGH SCHOOL DISTRICT SAN DIEGO COUNTY, CALIFORNIA		OF SHEETS	20
KISTNER, CURTIS & WRIGHT		JO. NO.	
ARCHITECTS AND ENGINEERS			
LOS ANGELES, CALIF.	SAN DIEGO, CALIF.		



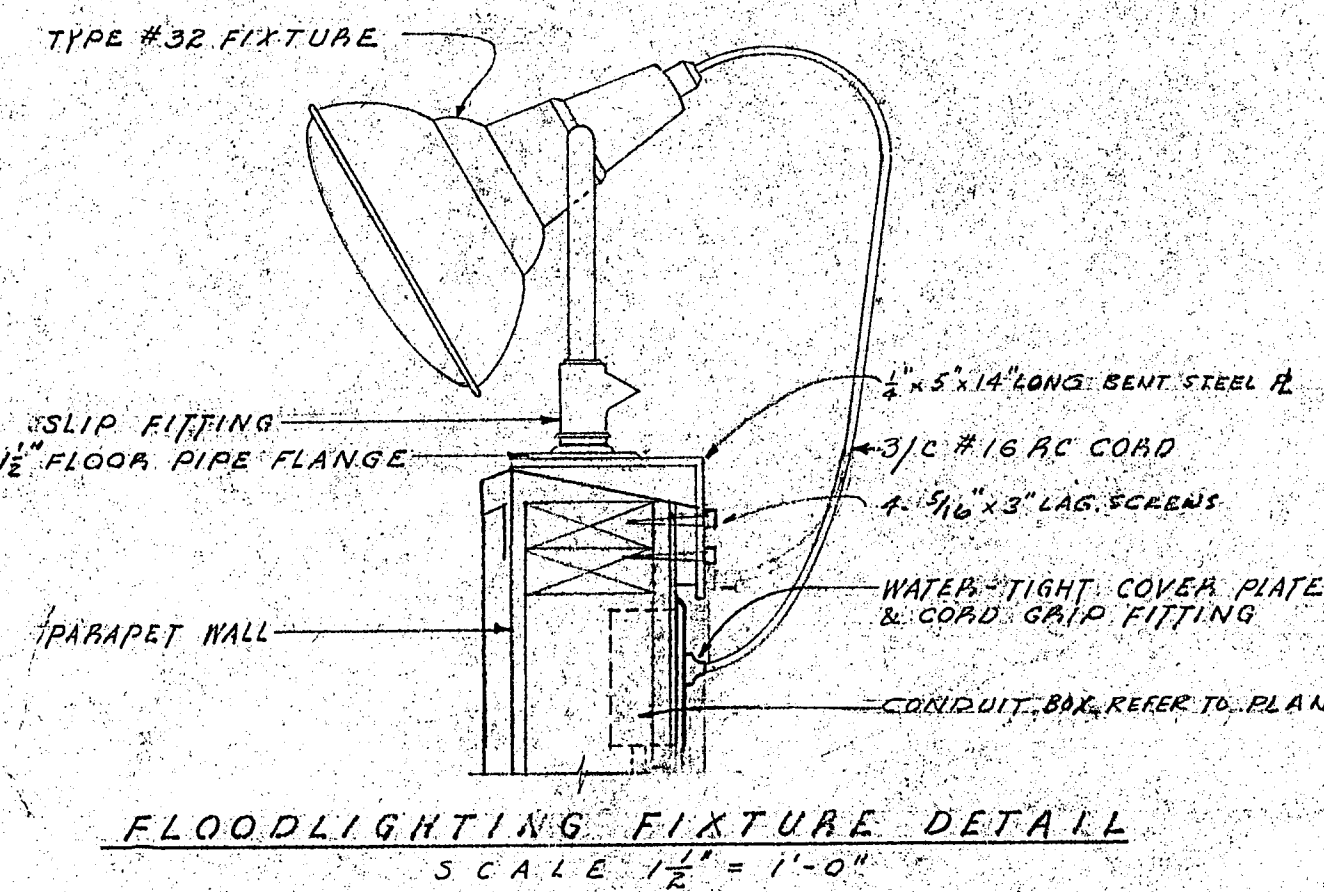


## NOTES

- SUBSCRIPTS OF Q, D, C, ETC. AT SWITCH SYMBOLS ARE TO DIFFERENTIATE CONTROLLING SWITCHES.
- +4'-6" INDICATES A MOUNTING HEIGHT OF 4'-6" FROM FLOOR TO CENTER OF OUTLET OR EQUIPMENT.
- 2-750W-1-AS PANEL AT A FIXTURE INDICATES THE FOLLOWING: 2 = NUMBER OF FIXTURES; 750W = WATTAGE PER FIXTURE; 1 = FIXTURE TYPE; AS = CIRCUIT NUMBER; PANEL = LIGHTS CONTROLLED AT PANEL.
- MH = FIXTURE MOUNTING HEIGHT - FLOOR TO BOTTOM OF FIXTURE.
- CROSS HATCHES ON A CONDUIT RUN INDICATE THE NUMBER OF CONDUITS. CONDUIT RUNS WITHOUT CROSS HATCHES OR NOTATION SHALL BE 2 #12 IN 1/2" C.
- MINIMUM WIRE SIZE FOR 120 OR 240 VOLT CIRCUITS SHALL BE #14 AWG.
- ALL CONDUIT SIZES SHALL CONFORM TO THE REQUIREMENTS OF THE CALIFORNIA "ELECTRICAL SAFETY ORDERS" UNLESS NOTED AS LARGER.
- CONTRACTOR SHALL VERIFY MOUNTING HEIGHT OF ALL OUTLETS BEFORE INSTALLATION.
- INSTALLATION OF JUNCTION BOXES FOR PUBLIC ADDRESS SPEAKERS ON TOP OF PARAPET WALL, SHALL BE SIMILAR TO THAT REQUIRED FOR THE FLOODLIGHTS.
- INSTALL REQUIRED TERMINALS IN THE MAIN TERMINAL CABINET (FOR CLOCK SYSTEM) AND LACE NEW AND EXISTING CONDUITORS IN A NEAT & HODMANLIKE MANNER. CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL REQUIREMENTS.
- THE NEW 50 KVA TRANSFORMER SHALL BE CONNECTED TO THE PRIMARY OVERHEAD LINE IN SUCH A MANNER THAT PHASE LOADS (CONNECTED TRANSFORMER CAPACITY) WILL BE AS NEARLY BALANCED AS POSSIBLE. CONTRACTOR SHALL VERIFY AND REPORT FINDINGS TO THE ARCHITECT.

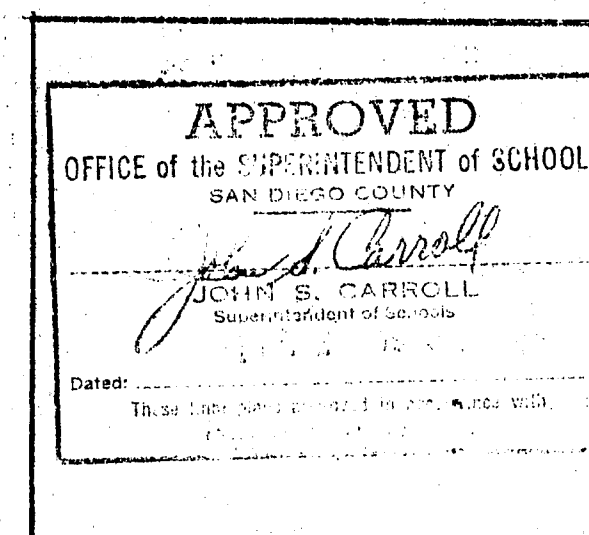
## SYMBOLS

- LIGHTING OUTLET - IN CEILING
- FLUSH LIGHTING FIXTURE
- LIGHTING OUTLET - WALL MOUNTING
- FLOODLIGHT
- DUPLEX CONVENIENCE OUTLET, +12" UNLESS OTHERWISE NOTED
- COMBINATION 1-2W & 1-3W "TWISTLOCK" CONVENIENCE OUTLET, +12" UNLESS OTHERWISE NOTED
- 220V POWER OUTLET - POLARIZED, +12" UNLESS OTHERWISE NOTED
- JUNCTION BOX
- MOTOR - AS NOTED
- MANUAL, FLUSH MOUNTED, MOTOR STARTING SWITCH +4'-6" UNLESS OTHERWISE NOTED
- THERMOSTAT, +5'-0"
- SURFACE MOUNTED CABINET OR EQUIPMENT AS NOTED
- FLUSH MOUNTED CABINET OR EQUIPMENT AS NOTED
- LIGHTING & 1φ POWER PANEL, FLUSH MOUNTED
- SECONDARY CLOCK, +9'-0" UNLESS NOTED OTHERWISE
- CORRIDOR BELL
- YARD HORN
- BREAK-GLASS FIRE REPORTING STATION, +4'-6"
- JANITOR CALL BELL, 8" DIAMETER, WEATHER-PROOF
- PUBLIC ADDRESS SPEAKER OUTLET +11'-0" UNLESS NOTED OTHERWISE
- PUBLIC TELEPHONE OUTLET, +12"
- TOGGLE SWITCH, +4'-6"
- TOGGLE SWITCH & PILOT LIGHT, +4'-6"
- KEY OPERATED TOGGLE SWITCH, +4'-6"
- CONDUIT RUN - CONCEALED IN WALL OR CEILING
- CONDUIT RUN - UNDERGROUND OR IN FLOOR SLAB
- CONDUIT RUN - EXPOSED
- CLOCK SYSTEM CONDUIT RUN
- PUBLIC ADDRESS SYSTEM CONDUIT RUN
- PUBLIC TELEPHONE SYSTEM CONDUIT RUN

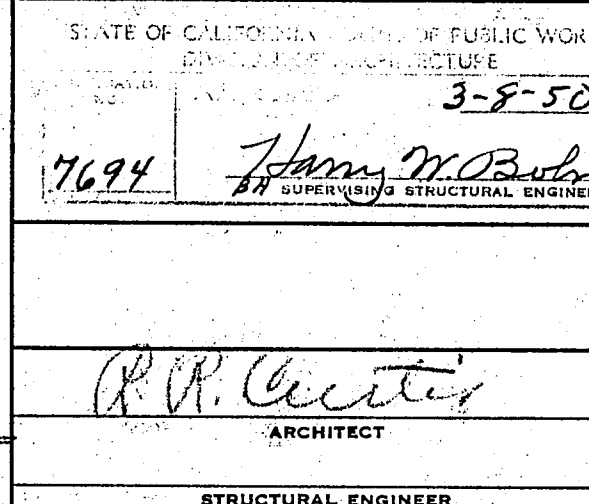


LIGHTING PANEL "A"				
CIRCUIT NUMBER	NUMBER OF OUTLETS	LOAD: WATTS BUS "A"	LOAD: WATTS BUS "B"	CIRCUIT BREAKER
1	2	1500	1500	20A, 1P
2	2	1500	1500	
3	2	1500	1500	
4	2	1500	1500	
5	2	1500	1500	
6	2	1500	1500	
7	2	1500	1500	
8	2	1500	1500	
9	2	1500	1500	
10	5	1000	1000	15A, 1P
11	2	1000	1000	15A, 1P
12	3	1500	1500	20A, 1P
13	6	1200	1200	15A, 1P
14	2	750	750	
15	2	750	750	
16	3	450	450	
17	1	600	600	
18	5	1300	1300	
19	4	1000	1000	
20	5	1200	1200	
21	3	450	450	
22	4	650	650	
23	4	600	600	
24	4	600	600	
25	4	600	600	
26	1	600	600	15A, 2P
27	1	500	500	15A, 2P
28	1	500	500	15A, 2P
29	1	1000	1000	15A, 1P
30	1	500	500	15A, 1P
31	1	600	600	15A, 2P
32	1	600	600	15A, 2P
33	1	600	600	15A, 2P
34	1	600	600	15A, 2P
35	1	600	600	15A, 2P
36	5	750	750	15A, 1P
37	4	600	600	15A, 1P
38	1	600	600	15A, 2P
39	1	600	600	15A, 2P
40	SPARE	500	500	20A, 1P
41	SPACE ONLY			
42	SPACE ONLY			
TOTALS		17,700	18,600	
TOTAL		36,300 W = 152 AMPS @ 240V, 1φ		

LIGHTING PANEL "B"				
CIRCUIT NUMBER	NUMBER OF OUTLETS	LOAD: WATTS BUS "A"	LOAD: WATTS BUS "B"	CIRCUIT BREAKER
1	3	1500	1500	20A, 1P
2	7	1400	1400	15A, 1P
3	5	1000	1000	
4	5	1150	1150	
5	5	750	750	
6	3	450	450	
7	1	650	650	
8	1	600	600	
9	1	600	600	
10	1	500	500	15A, 2P
11	1	500	500	15A, 1P
12	2	750	750	15A, 1P
13	2	750	750	
14	5	750	750	
15	4	600	600	
16	4	600	600	
17	3	450	450	
18	1	600	600	15A, 2P
19	1	600	600	15A, 1P
20	SPARE	500	500	15A, 1P
21	SPACE ONLY			
22	SPACE ONLY			
23	SPACE ONLY			
24	SPACE ONLY			
TOTALS		7400	7300	
TOTAL		14,700W = 62 AMPS @ 240V, 1φ		

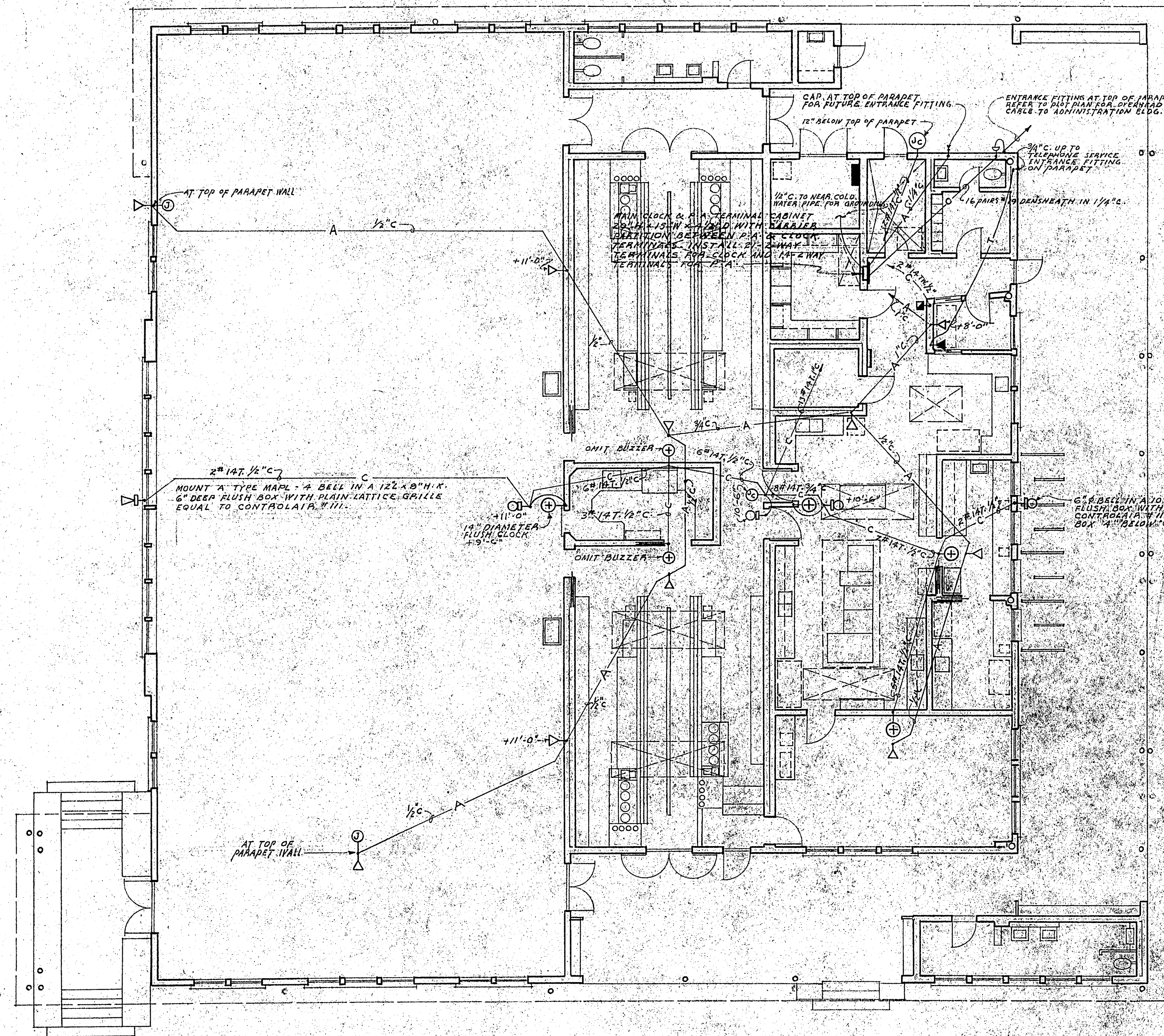


APPROVED  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_

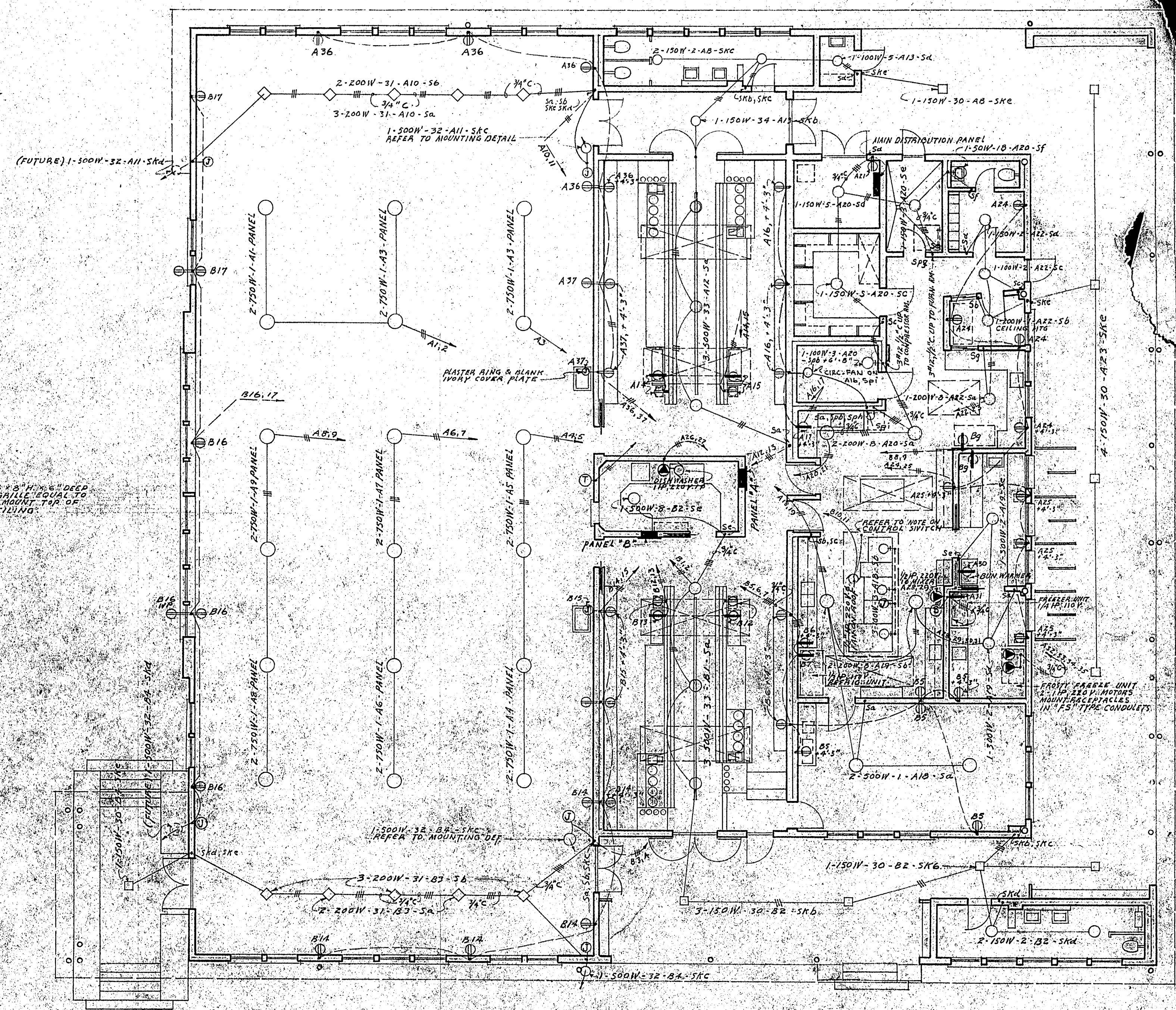


CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB	
ELECTRICAL PLOT PLAN	
CAFETERIA BUILDING	
FOR	
GROSSMONT UNION HIGH SCHOOL DISTRICT	
SAN DIEGO COUNTY, CALIFORNIA	
KISTNER, CURTIS & WRIGHT	
ARCHITECTS AND ENGINEERS	
LOS ANGELES, CALIF. SAN DIEGO, CALIF.	

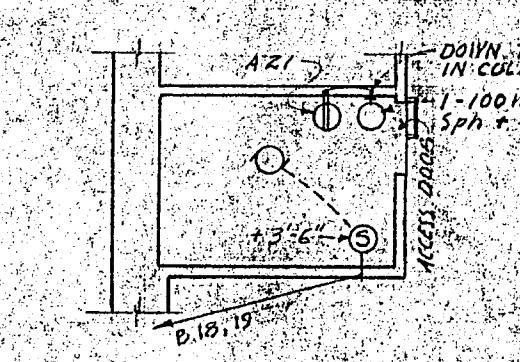




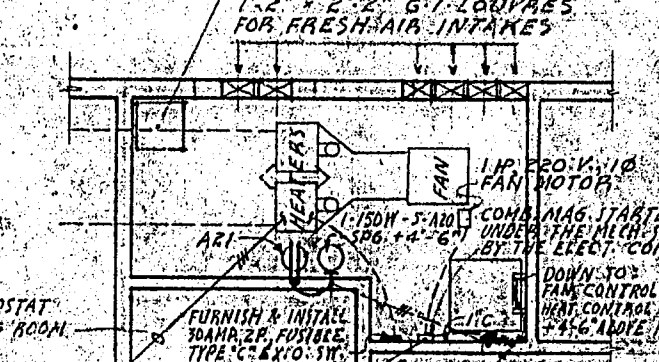
**SIGNAL & COMMUNICATIONS PLAN**  
SCALE: 1/8" = 1'-0"



**ELECTRICAL PLAN**  
SCALE: 1/8" = 1'-0"



**PLAN COMPRESSOR ROOM**  
SCALE: 1/8" = 1'-0"



**PLAN FURNACE ROOM**  
SCALE: 1/8" = 1'-0"

<b>APPROVED</b> OFFICE of the SUPERINTENDENT of SCHOOLS SAN DIEGO COUNTY <i>John S. Carroll</i> JOHN S. CARROLL Superintendent of Schools Dated: _____ <small>This stamp shall be placed in accordance with the provisions of the Act.</small>	<b>APPROVED</b> BY _____ BY _____ BY _____ BY _____ BY _____	STATE OF CALIFORNIA - DEPT. OF PUBLIC WORKS DIVISION OF ARCHITECTURE APPROVED 7694 <i>Harry M. Bobb</i> SUPERVISING STRUCTURAL ENGINEER	CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE WORK <b>ELECTRICAL PLANS</b> <b>CAFETERIA BUILDING</b> FOR GROSSMONT UNION HIGH SCHOOL DISTRICT SAN DIEGO COUNTY, CALIFORNIA <b>KISTNER, CURTIS &amp; WRIGHT</b> ARCHITECTS AND ENGINEERS LOS ANGELES, CALIF.      SAN DIEGO, CALIF.
	MEMBERS OF GOVERNING BOARD GROSSMONT UNION HIGH SCHOOL DISTRICT	<i>R. K. Carter</i> ARCHITECT STRUCTURAL ENGINEER	DATE: 06/19/49 DRAWN BY: T. O. V. N. CHECKED BY: _____ SHEET NO. 2 OF 2 JOB NO. 201-252-72



**INTENTIONALLY  
LEFT BLANK**



EXISTING  
GARAGE



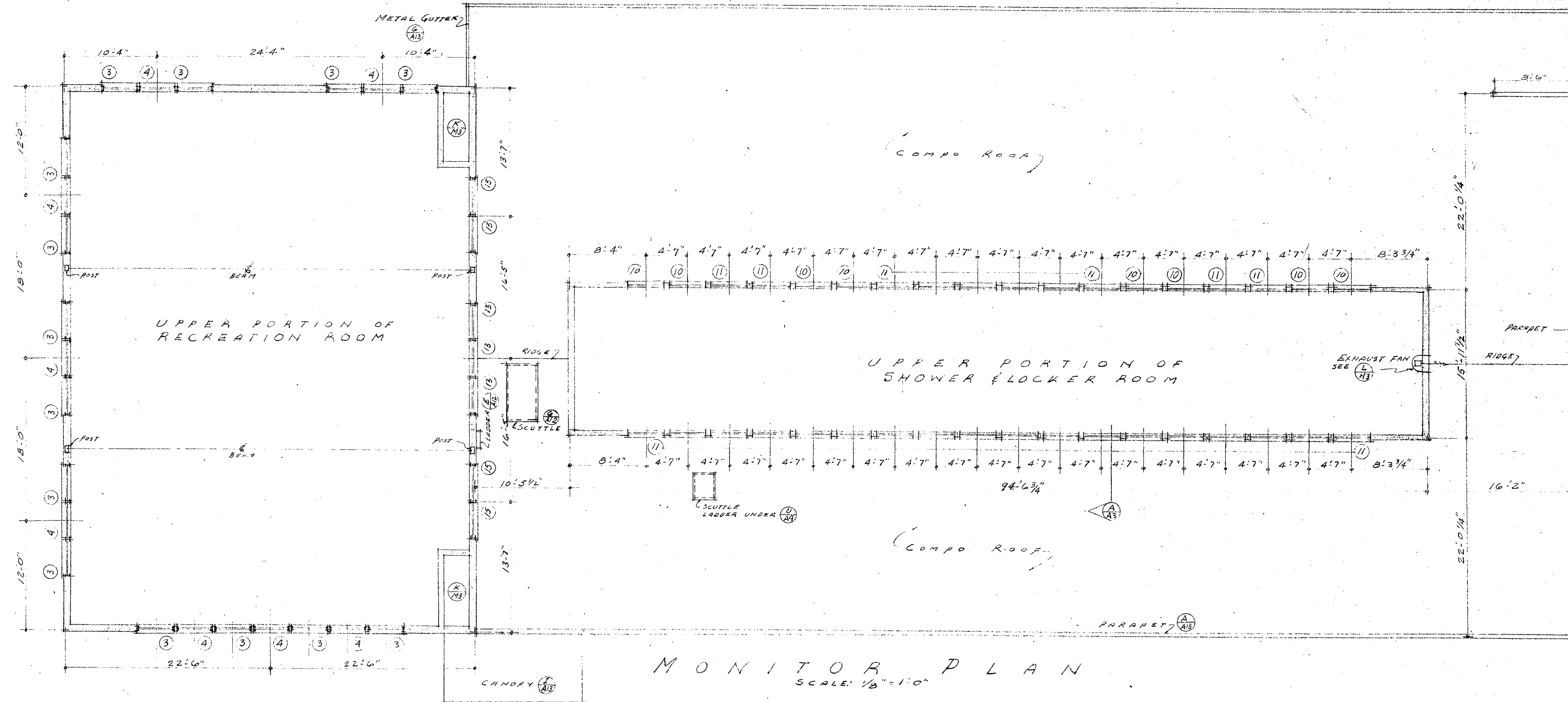
APPROVED  
OFFICE OF THE SUPERINTENDENT OF SCHOOLS  
SAN DIEGO COUNTY  
*James S. Carr*  
JAMES S. CARR, LL  
Superintendent of Schools  
MAR 18 1949  
Dated: \_\_\_\_\_  
By: \_\_\_\_\_

[illegible]

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB		DATE
PLOT PLAN		MAR 1949
GIRLS PHYSICAL EDUC. BLDG.		DR. BY
FOR		A.T.R.
GROSSMONT UNION HIGH SCHOOL DIST.		CHECKED BY
SAN DIEGO COUNTY CALIF.		SHEET NO.
KISTNER, CURTIS & WRIGHT		A
		OF
		SHEET

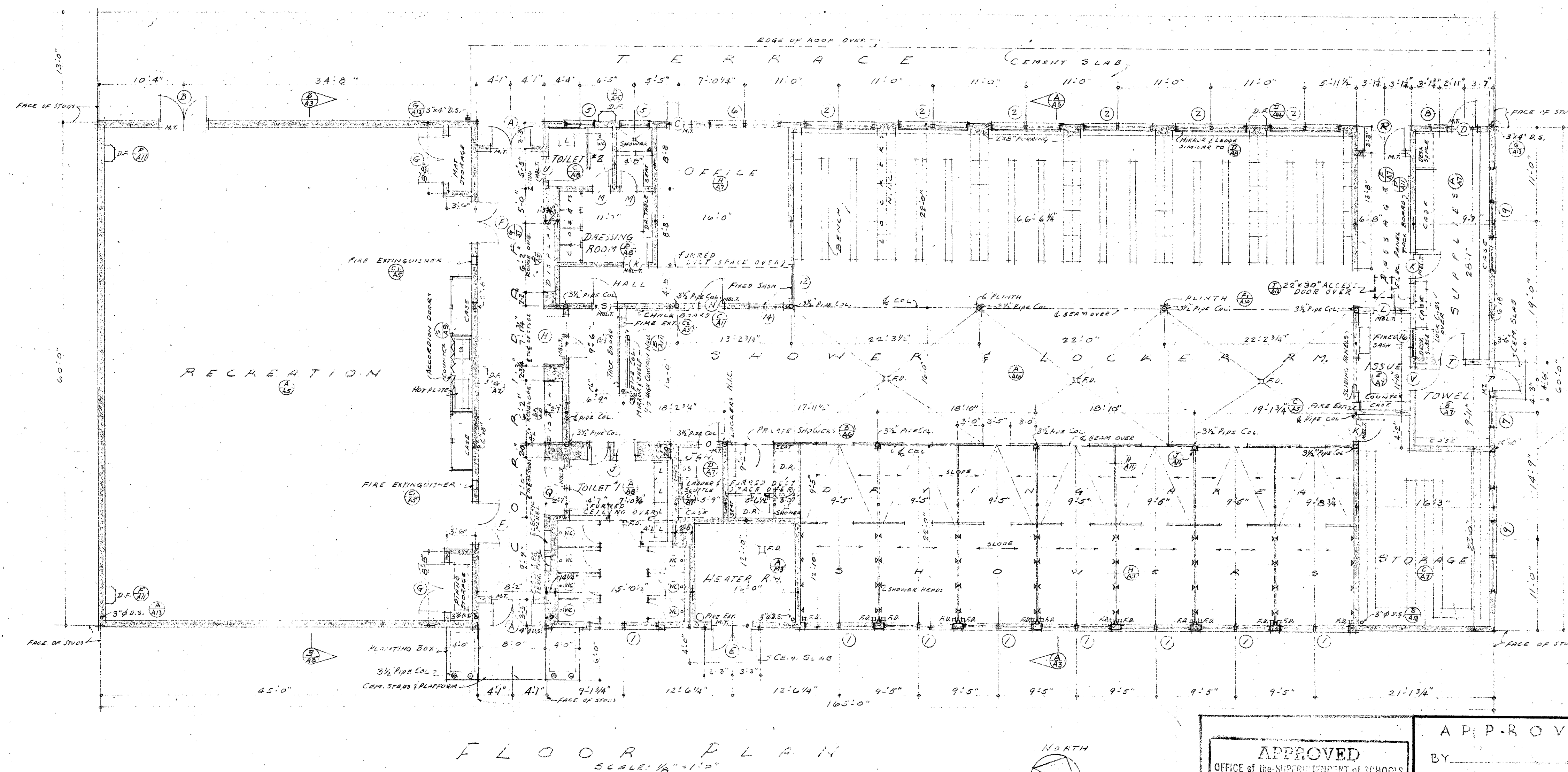
DATE	MAR 1949
DR. BY	R.T.P.
CHECKED BY	
SHEET NO.	1
OF	SHEETS
JOB NO.	





FINISHES										SCHEDULE										
ROOMS	FLOORS				BASE		WAINSCOT		ROUGH CEILING HEIGHT	ACOUSTIC TILE		STUCCO		PAINTING			REMARKS			
	ASPH. TILE	WOOD	TERR. AZO	CEM.	CEM.	WOOD	TERR. AZO	TERR. AZO		TILE	WALLS	CLS.	WALLS	CLS.	ENAMEL WALLS	CLS.		VARNISH TRIM DOORS		
RECREATION		+				+			19'0"	+	+	+		▲		+	▲ PAINTED WAINSCOT SEE ELEVATIONS			
CORRIDOR	+						+		8'6"	+		+				+				
PASSAGE						+			8'6"		+	+				+				
TOILETS #1			+					+	12'6"		+	+	+	+	+	+				
TOILET #2			+			+		▲	13'0" <sup>H</sup>		+	+	+	+	+	+	▲ SHOWER ONLY			
SHOWER LOCKER			+			+		▲	12'6" <sup>H</sup>		+	+		+	+	+	▲ SHOWER & DRYING AREA ONLY			
OFFICE	+					+			12'6" <sup>H</sup>	+				+	+	+				
DRESSING RM.			+			+			13'0" <sup>H</sup>	+	+			+	+	+				
TOWELS / ISSUES & SUPPLIES	+					+			13'0" <sup>H</sup>		+	+		+	+	+				
STORAGE	+					+			12'6" <sup>H</sup>		+	+		+	+	+				
JANITOR				+	+				13'0" <sup>H</sup>		+	+		+	+	+				
HEATER				+	+				12'6" <sup>H</sup>		+	+		+	+	+	▲ PAINTED METAL COVERED DOOR			

▲ DENOTES - "SEE REMARKS"



APPROVED  
OFFICE of the SUPERINTENDENT of SCHOOLS  
SAN DIEGO COUNTY  
*John S. Carroll*  
JOHN S. CARROLL  
Superintendent of Schools  
MAR 18 1940

A P P R O V E D

BY  
BY  
BY  
BY  
BY

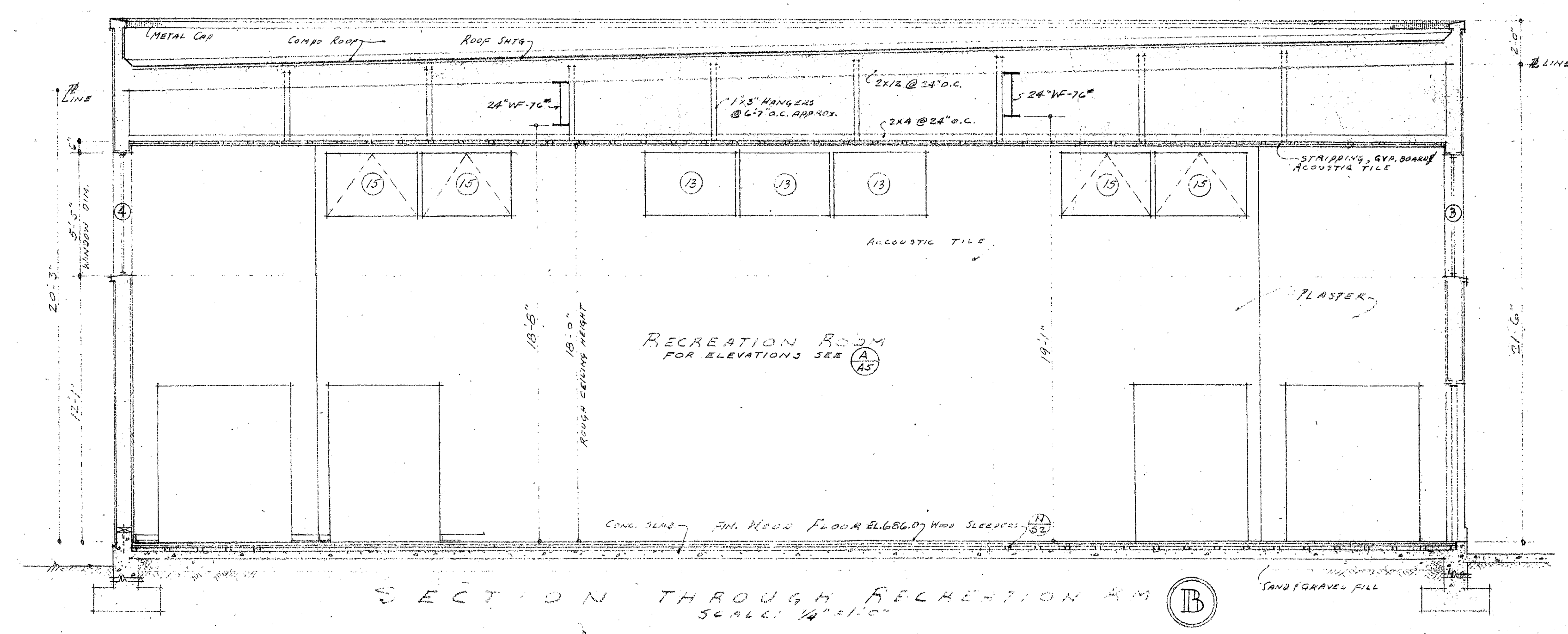
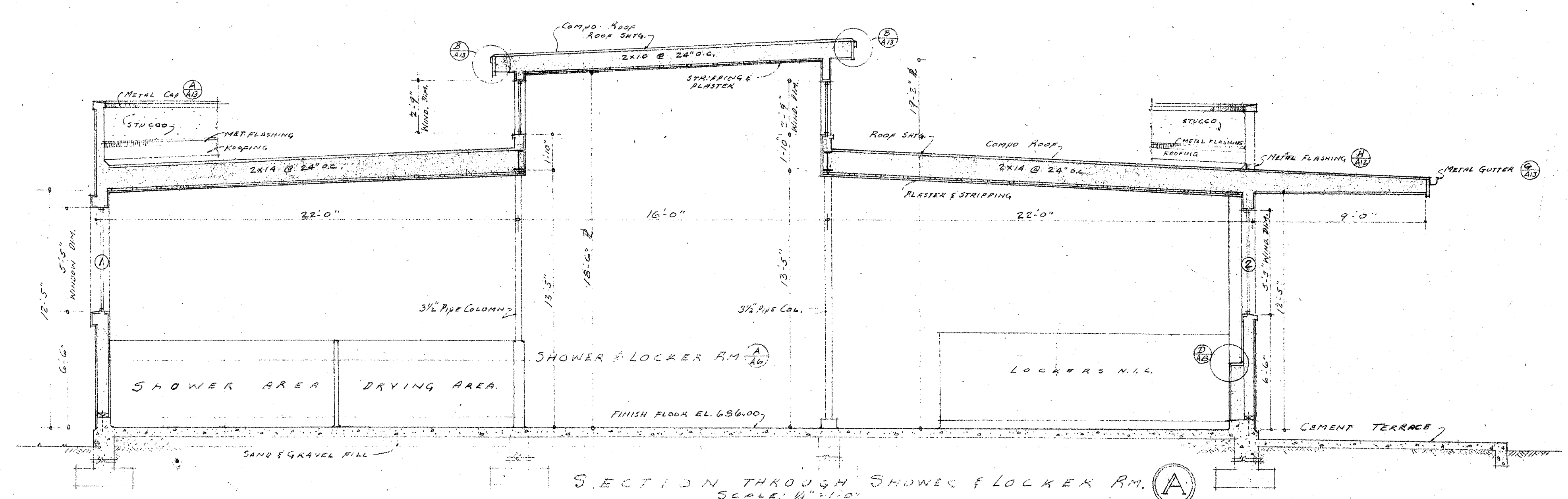
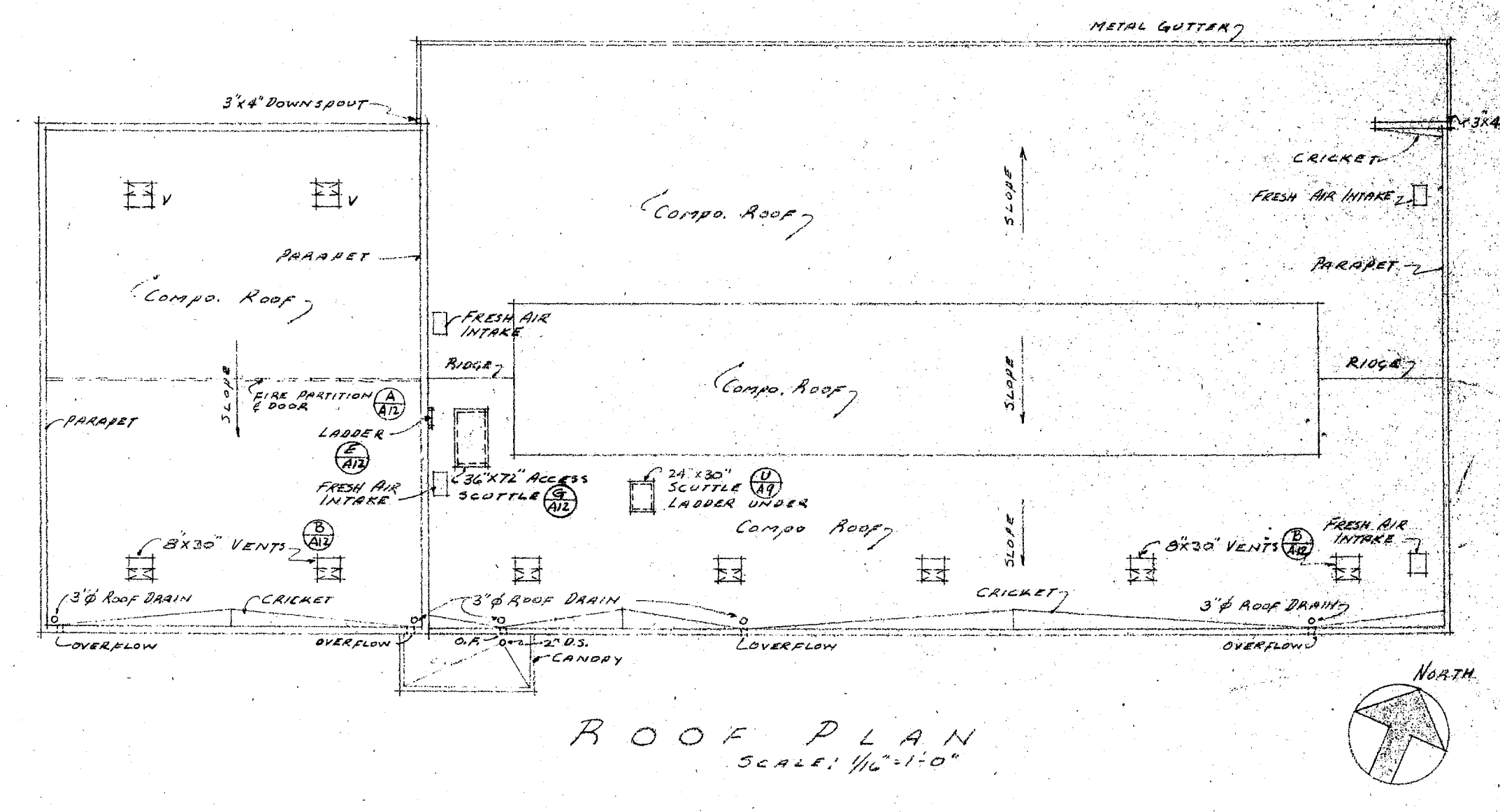
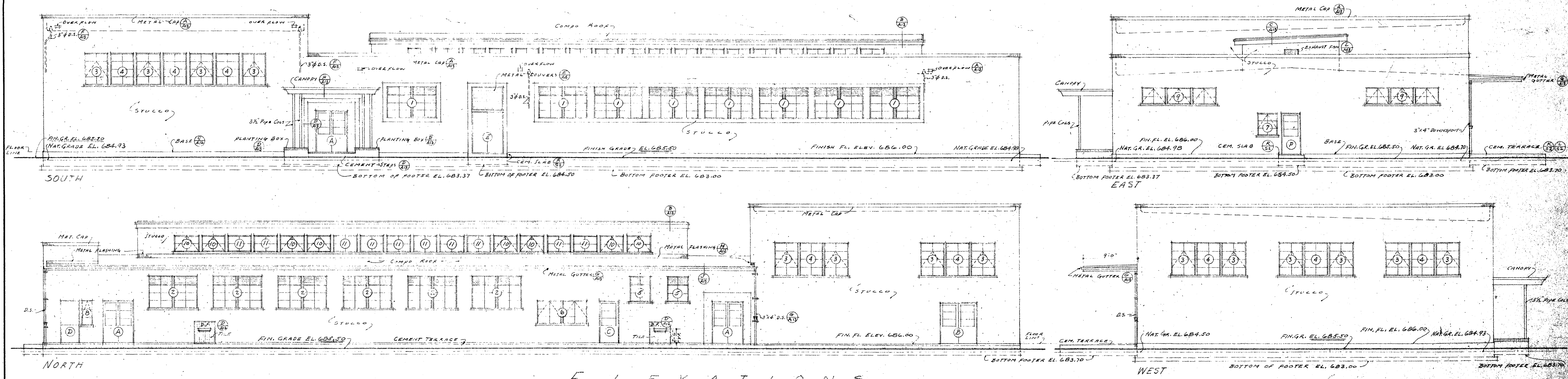
STATE OF CALIFORNIA - DEPT. OF PUBLIC WORKS  
DIVISION OF ARCHITECTURE

APPLICATION NO. 6556	APPROVED <i>Chas Peterson</i> SUPERVISING STRUCTURAL ENGINEER	5-6-40
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*R. R. Gentry*  
ARCHITECT  
STRUCTURAL ENGINEER

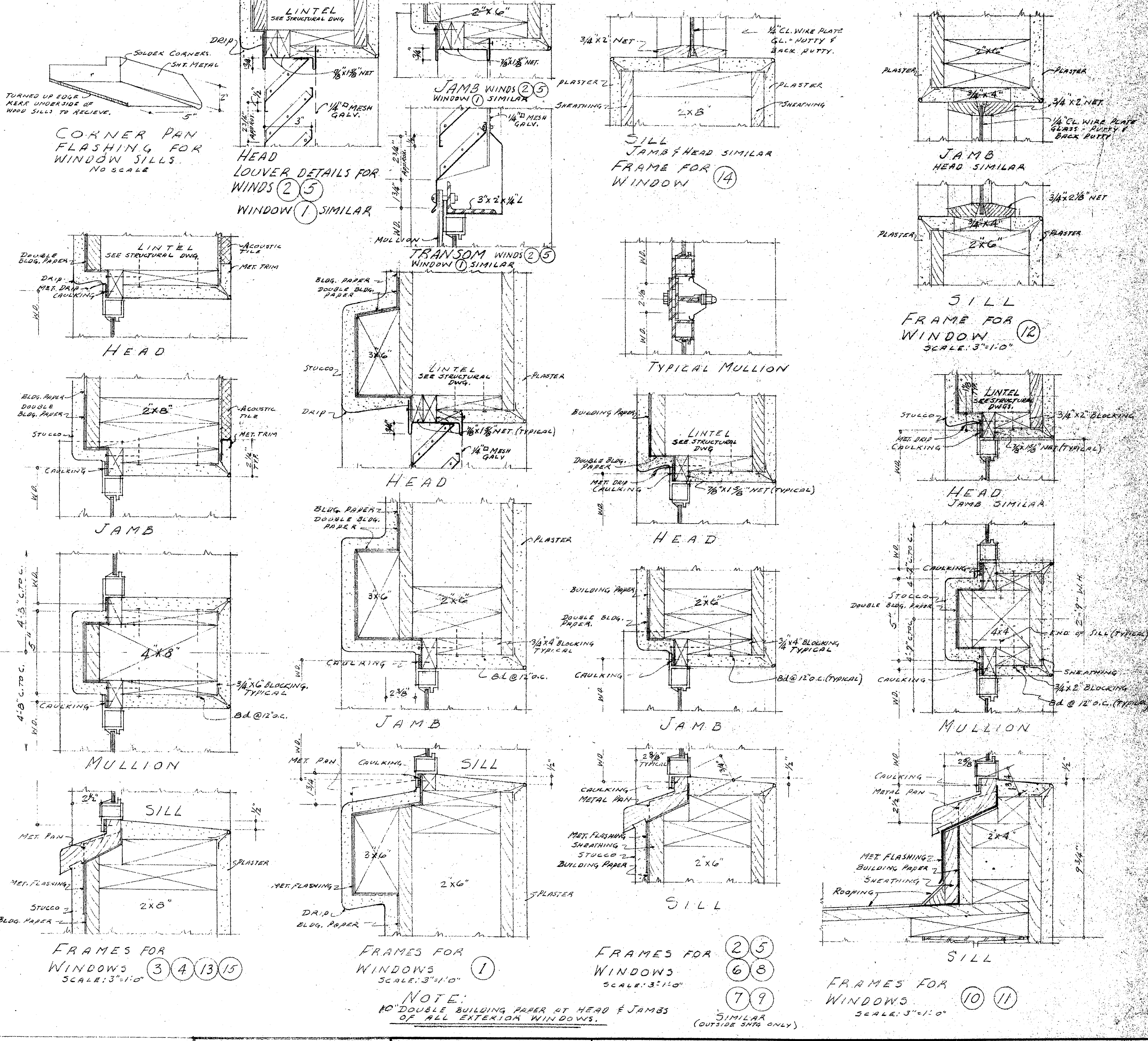
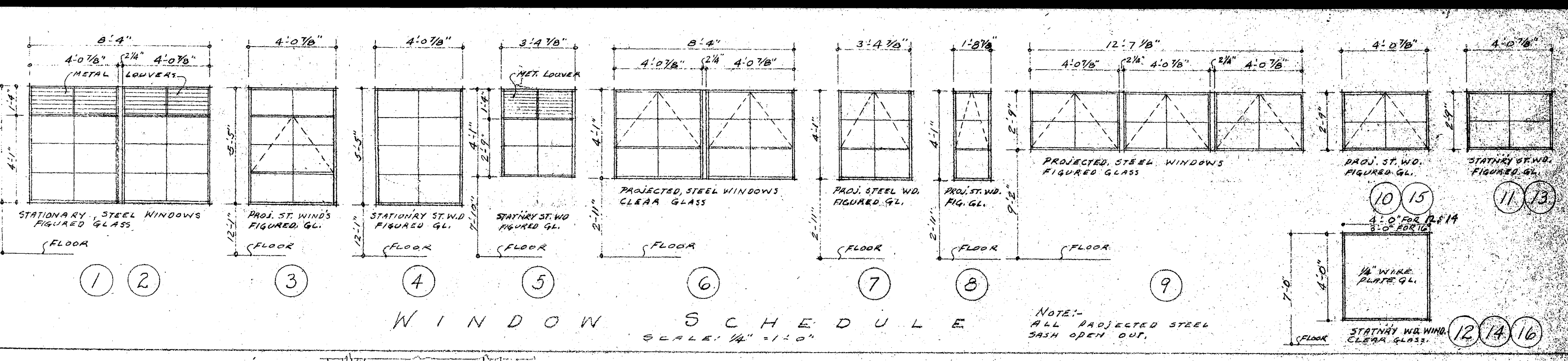
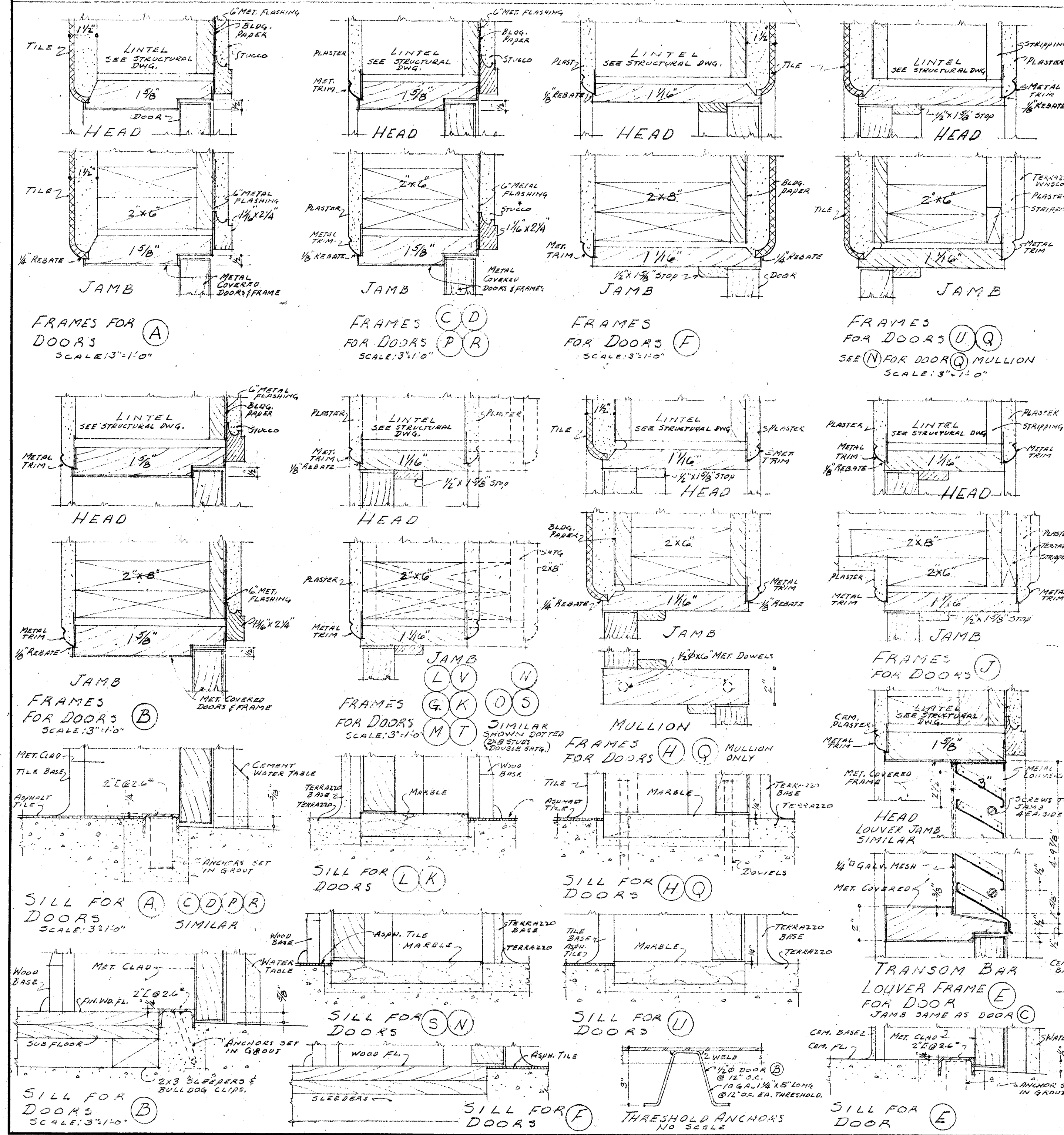
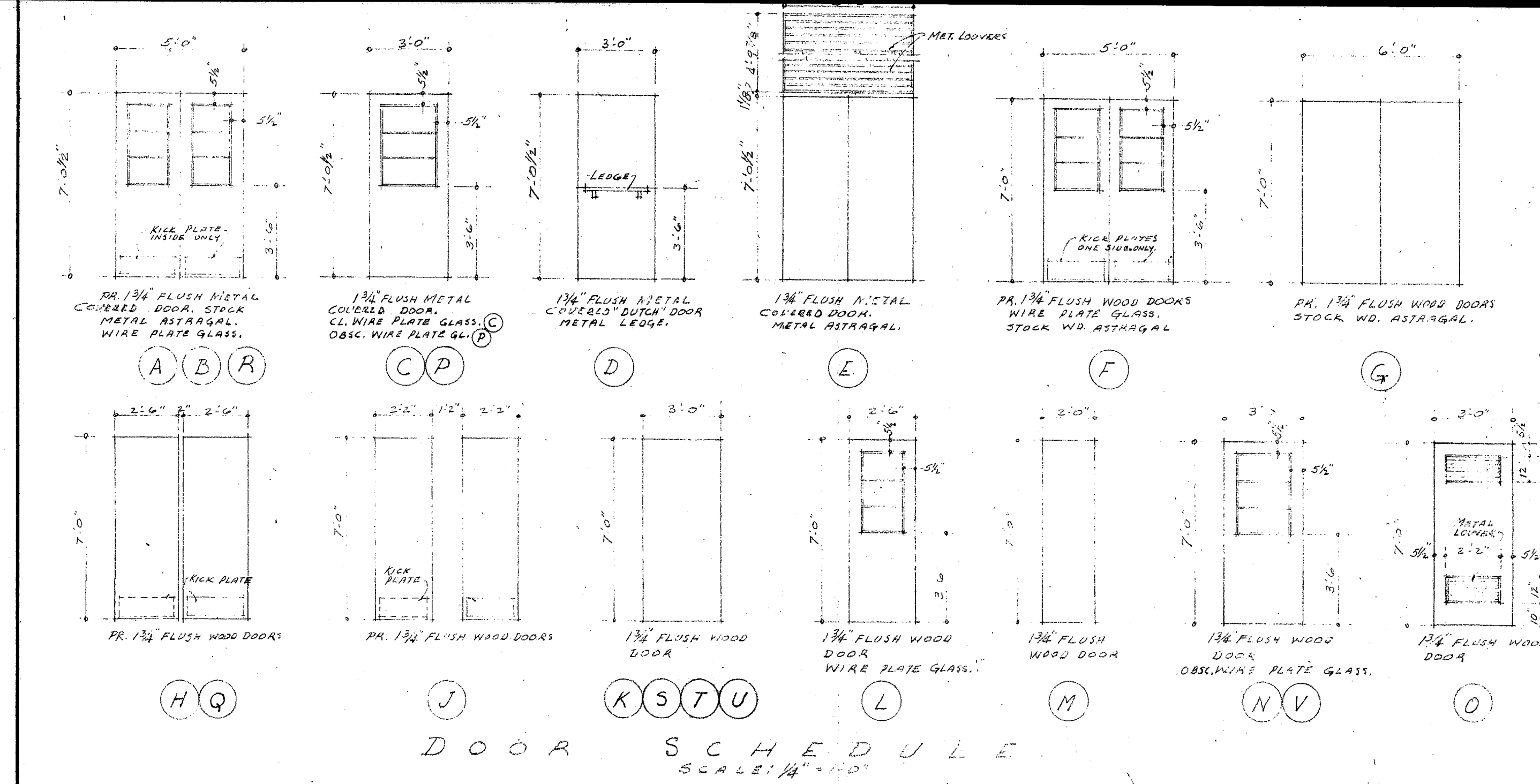
CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB		DATE
FLOOR PLAN		MAR 1949
GIRLS PHYSICAL EDUC. BLDG.		DR BY
FOR		R.M.D.
GROSSMONT UNION HIGH SCHOOL DIST.		CHECKED BY
SAN DIEGO COUNTY CALIF.		SHEET NO.
KISTNER, CURTIS & WRIGHT		A2
ARCHITECTS AND ENGINEERS		
LOS ANGELES, CALIF.	SAN DIEGO, CALIF.	OF SHEETS





<b>APPROVED</b> OFFICE of the SUPERINTENDENT of SCHOOLS SAN DIEGO COUNTY <i>John S. Carroll</i> SUPERINTENDENT of SCHOOLS MAR 18 1949	APPROVED BY _____ BY _____ BY _____ BY _____ BY _____ BY _____	STATE OF CALIFORNIA - DEPT. OF PUBLIC WORKS DIVISION OF ARCHITECTURE APPLICATION NO. 6886 APPROVED 5-6-49 <i>John S. Carroll</i> SUPERINTENDING ARCHITECT	CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB <b>ELEVATIONS</b> GIRLS PHYSICAL EDUC. BLDG. FOR GROSSMONT UNION HIGH SCHOOL DIST. SAN DIEGO COUNTY, CALIF. <b>KISTNER, CURTIS &amp; WRIGHT</b> ARCHITECTS AND ENGINEERS LOS ANGELES, CALIF.      SAN DIEGO, CALIF.	DATE MAR 1949 DR. BY R.M.D. CHECKED BY SHEET NO. <b>A3</b> OF 2	
	MEMBERS OF GOVERNING BOARD GROSSMONT UNION HIGH SCHOOL DIST.			ARCHITECT <i>R.H. Curtis</i>	STRUCTURAL ENGINEER
	APPROVED BY _____ BY _____ BY _____ BY _____ BY _____ BY _____			ARCHITECT <i>R.H. Curtis</i>	STRUCTURAL ENGINEER
	APPROVED BY _____ BY _____ BY _____ BY _____ BY _____ BY _____			ARCHITECT <i>R.H. Curtis</i>	STRUCTURAL ENGINEER





**APPROVED**

BY \_\_\_\_\_

BY \_\_\_\_\_

BY \_\_\_\_\_

BY \_\_\_\_\_

BY \_\_\_\_\_

MEMBERS OF GOVERNING BOARD  
GROSSMONT UNION HIGH SCHOOL DIST.

**APPROVED**  
OFFICE of the SUPERINTENDENT of SCHOOLS  
SAN DIEGO COUNTY  
JOHN S. CARROLL  
Superintendent of Schools  
MAR 18 1949

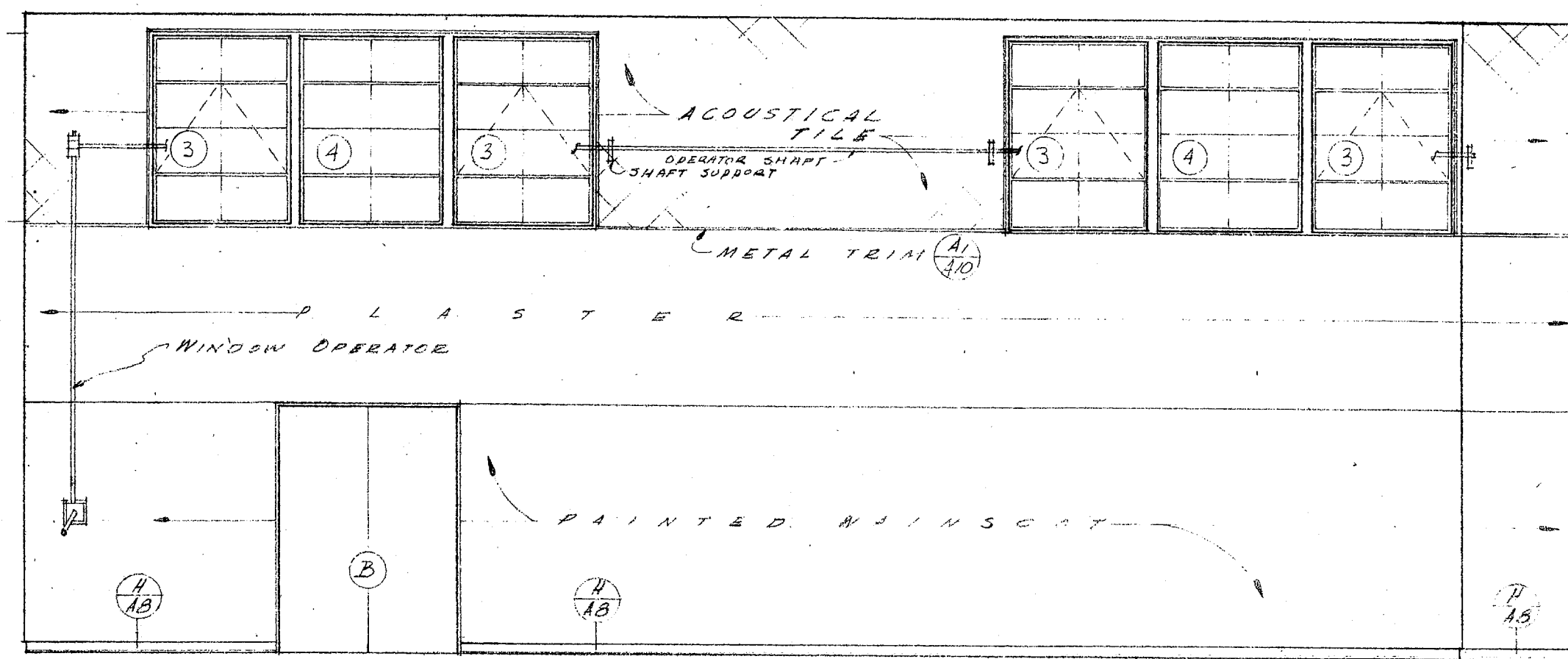
STATE OF CALIFORNIA - DEPT. OF PUBLIC WORKS  
DIVISION OF ARCHITECTURE  
APPROVED 5-6-49  
6586 *Geo. Peterson*  
SUPERVISING STRUCTURAL ENGINEER

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB  
**DOOR & WINDOW SCHEDULES**  
MAR 1949  
DR. BY *AM*  
CHECKED BY  
SHEET NO. **A4**

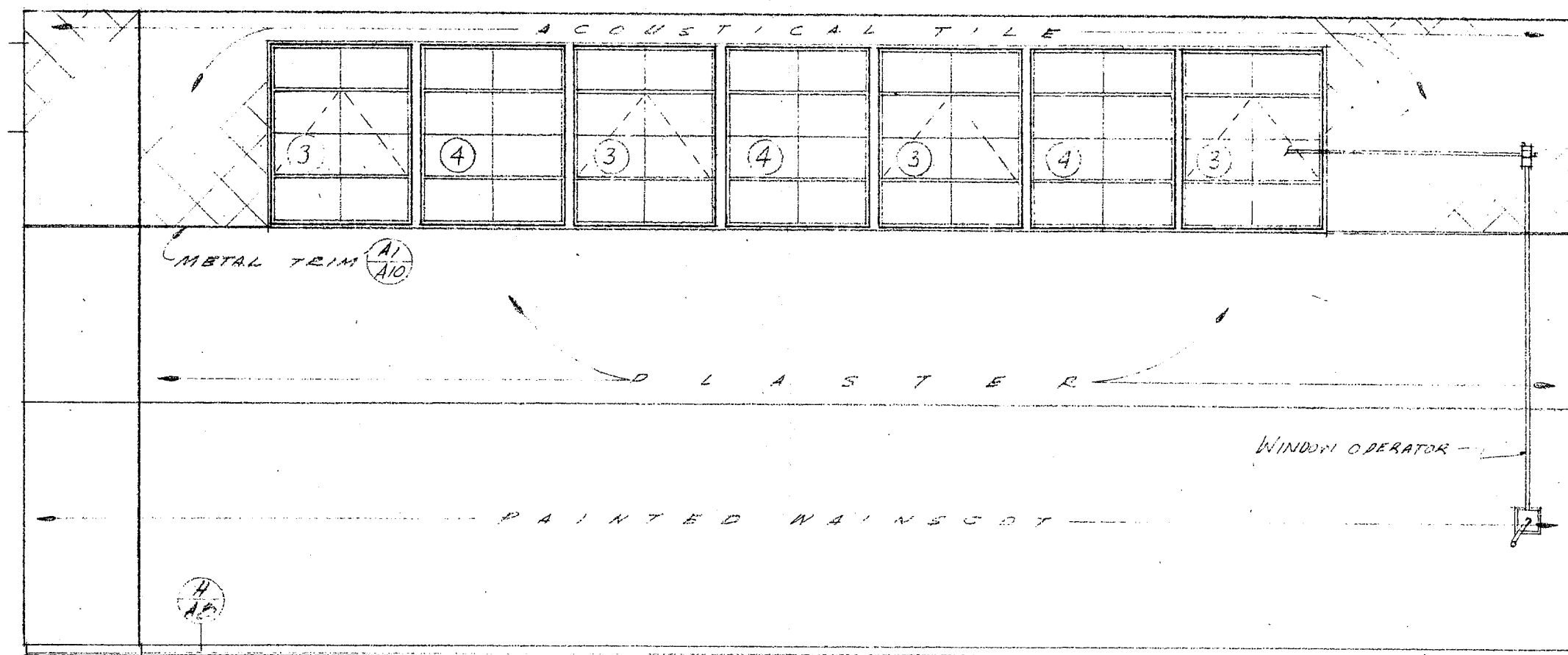
**GIRLS PHYSICAL EDUC. BLDG.**  
FOR  
GROSSMONT UNION HIGH SCHOOL DIST.  
SAN DIEGO COUNTY, CALIF.

**KISTNER, CURTIS & WRIGHT**  
ARCHITECTS AND ENGINEERS  
LOS ANGELES, CALIF. SAN DIEGO, CALIF.

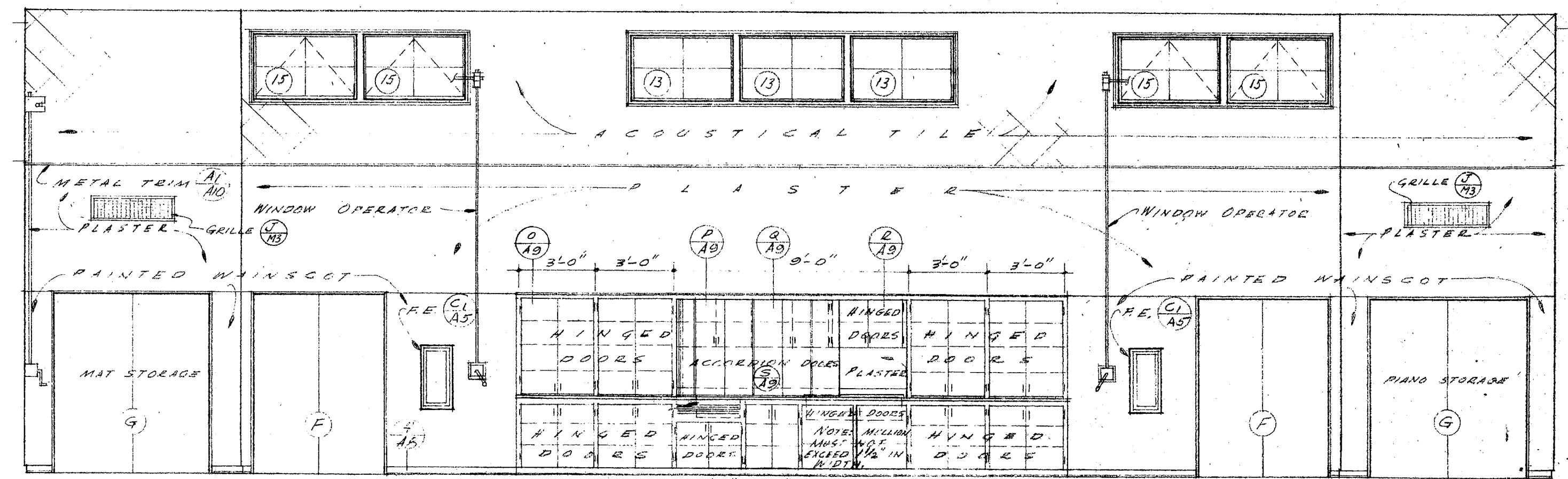




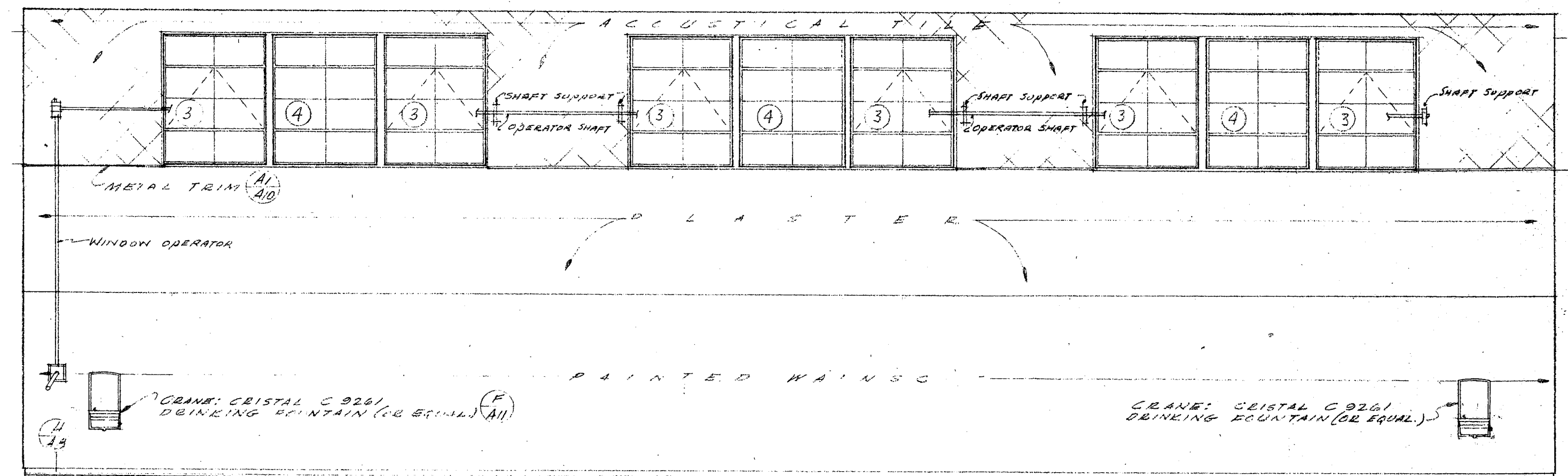
NORTH ELEVATION



SOUTH ELEVATION



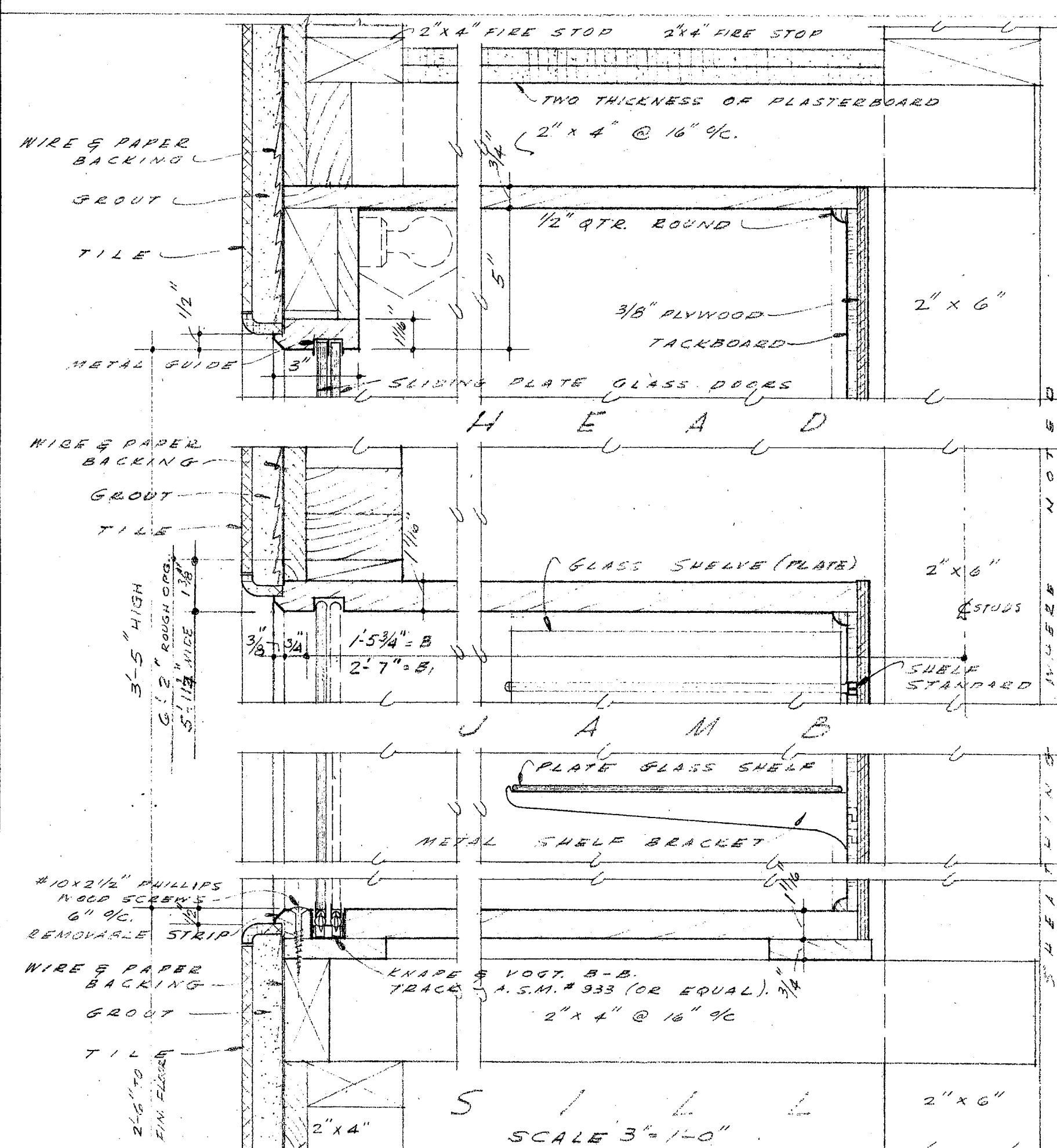
EAST ELEVATION



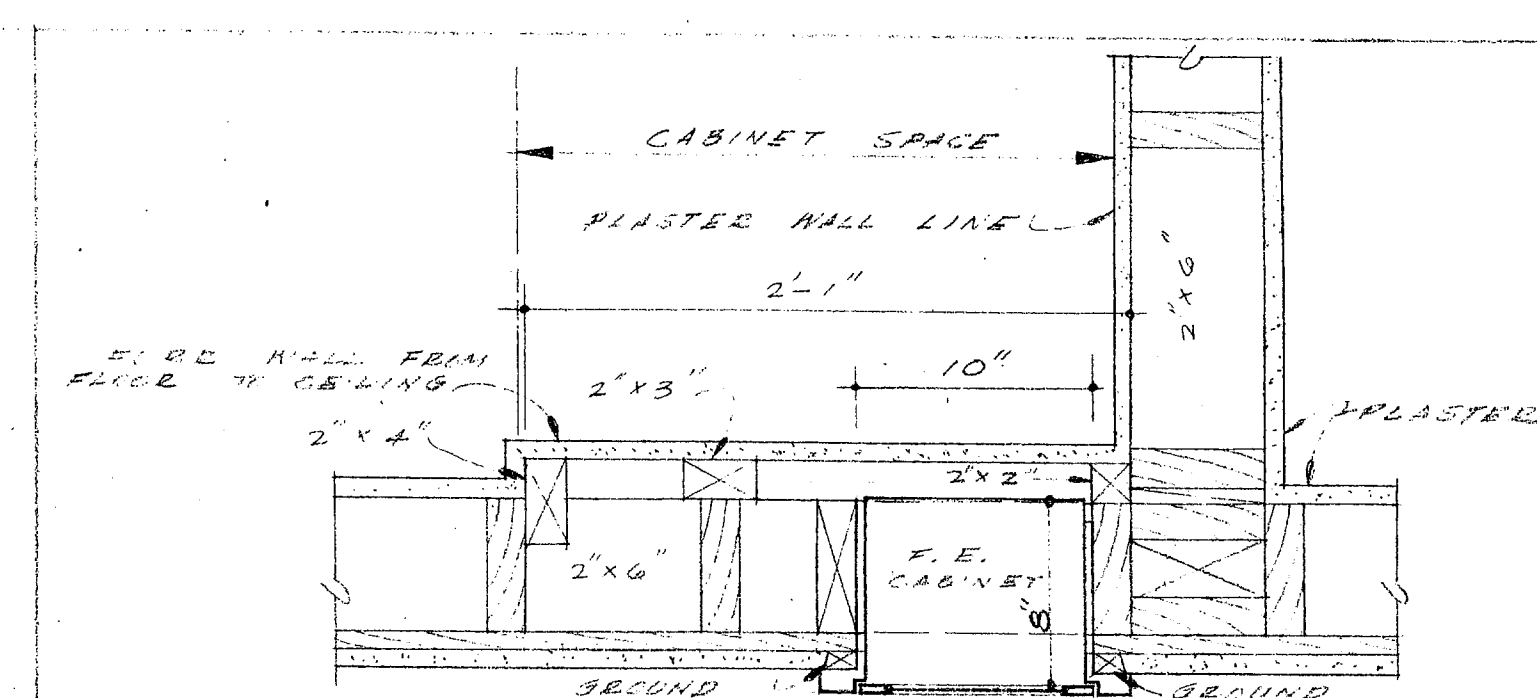
WEST ELEVATION

RECREATION ROOM

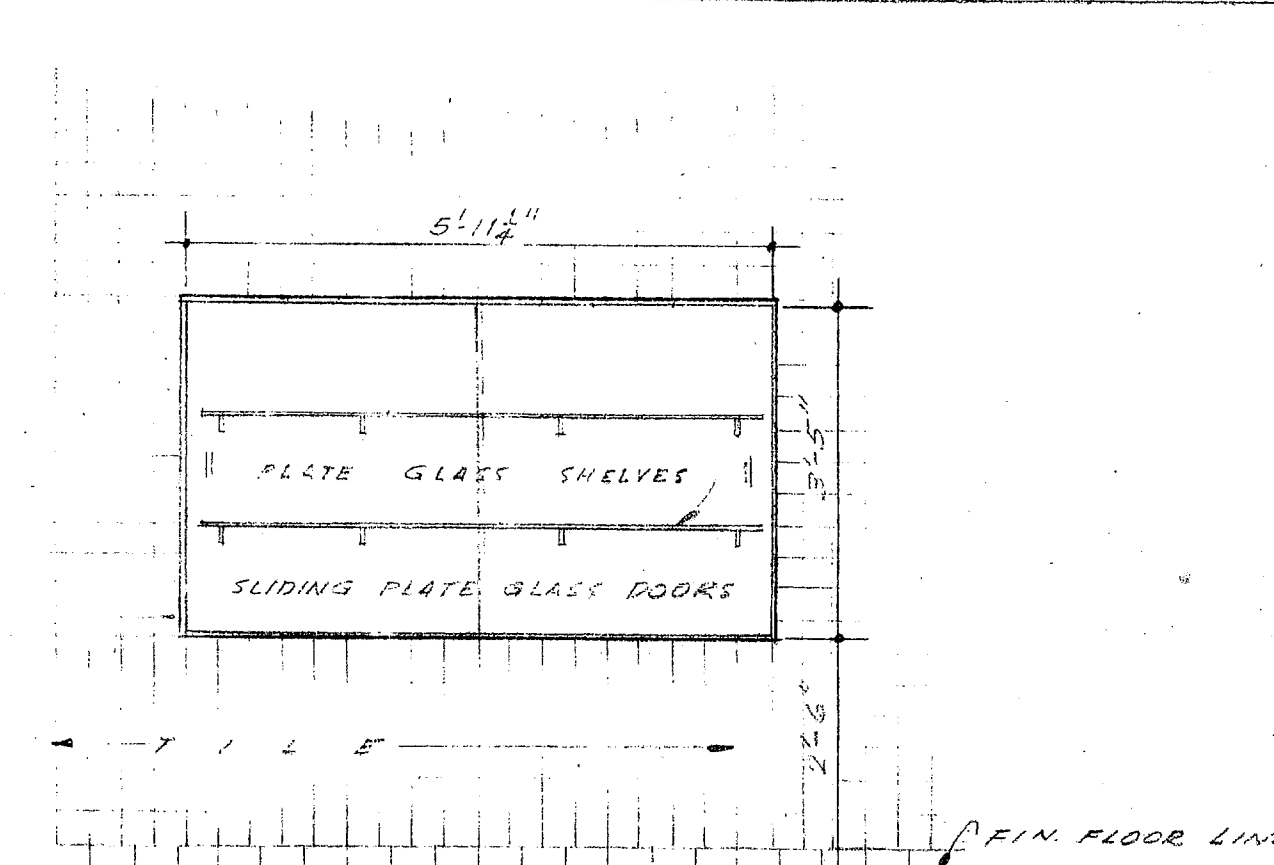
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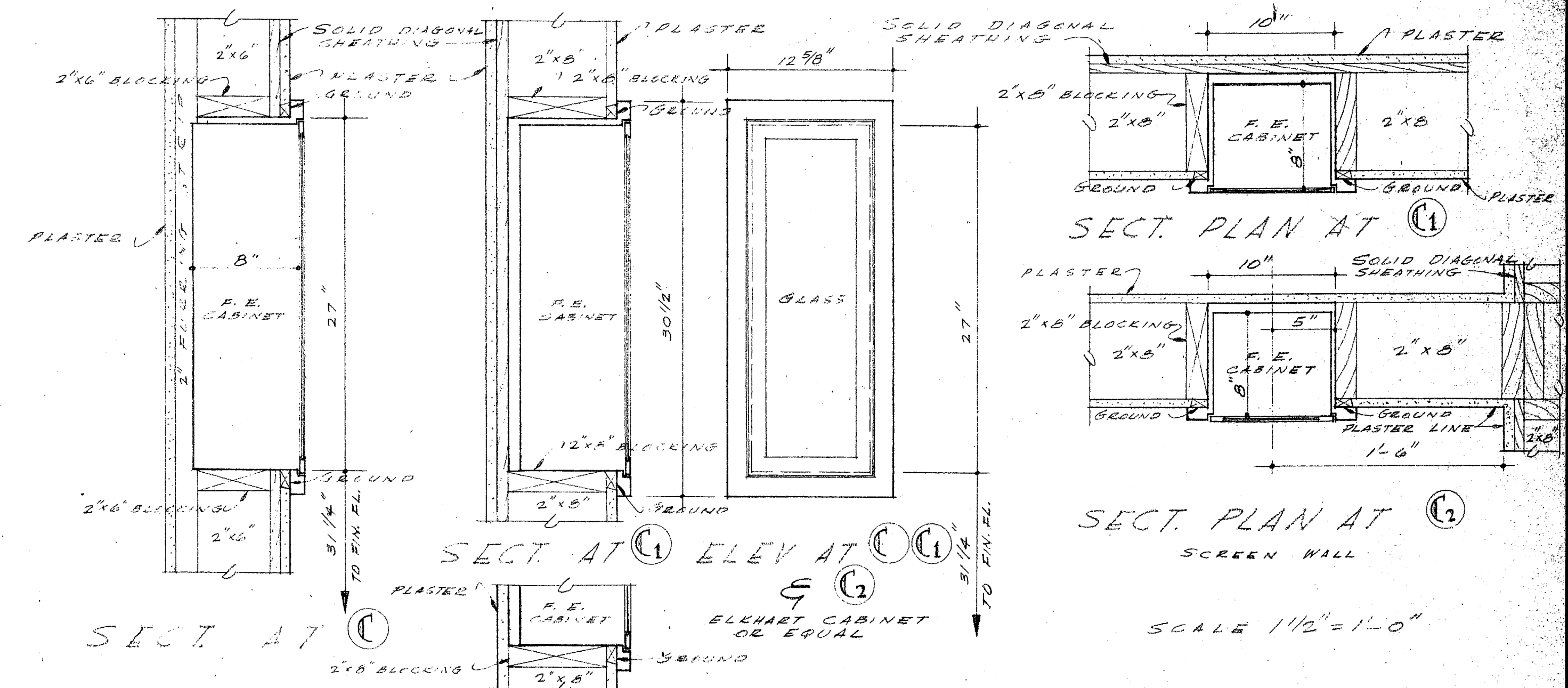
DETAILS OF DISPLAY CASE



SECTION PLAN AT C



ELEVATION



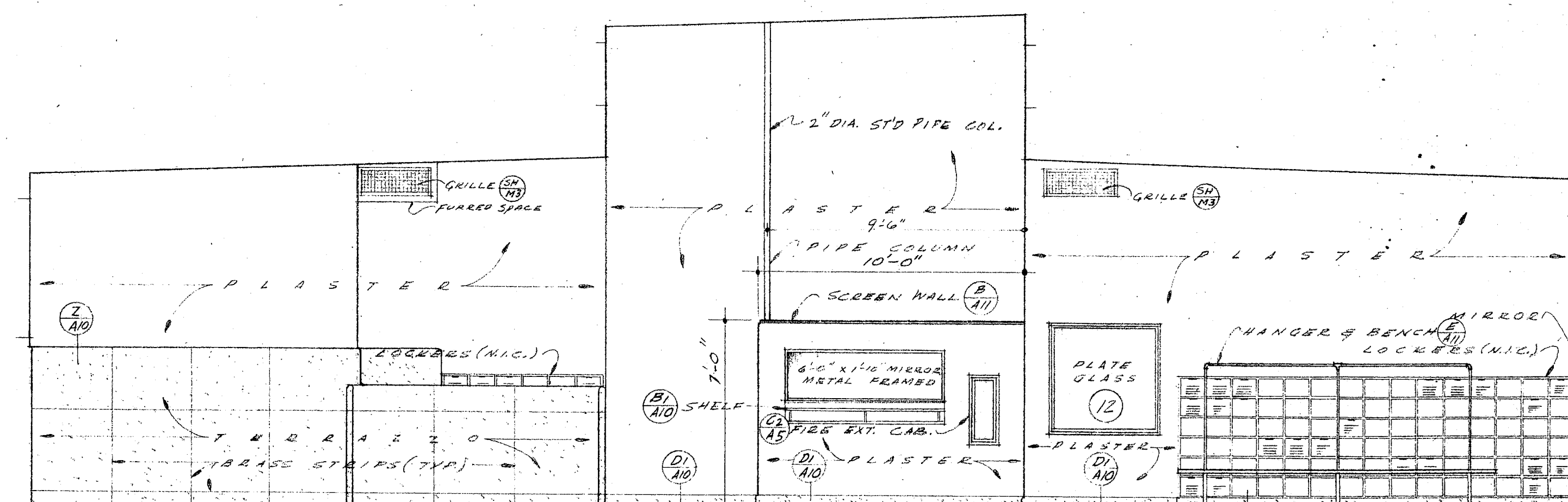
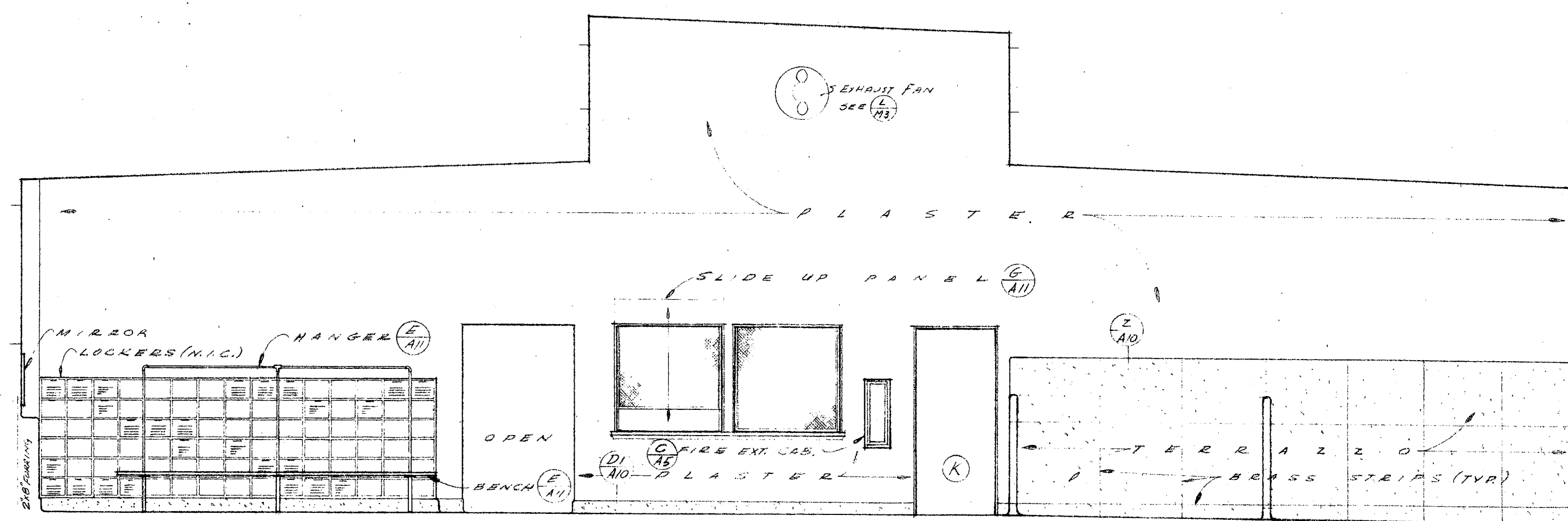
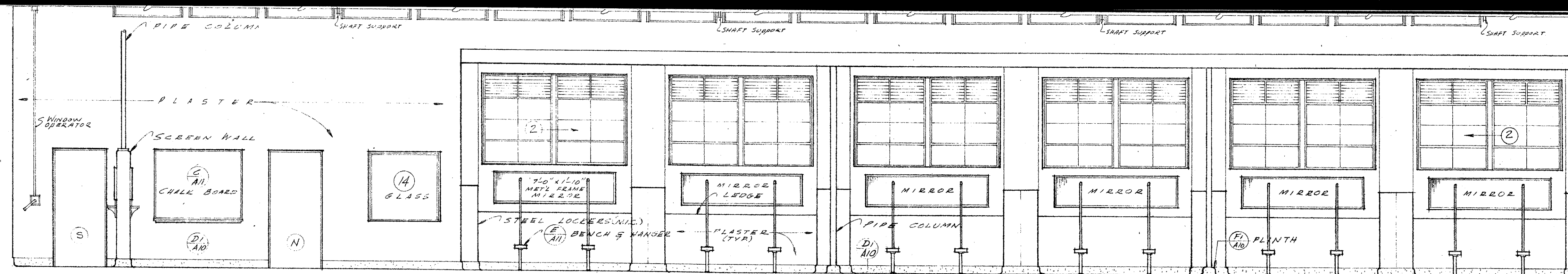
SECT. PLAN AT C1

SECT. PLAN AT C2

DETAILS OF FIRE EXTINGUISHER CABINETS

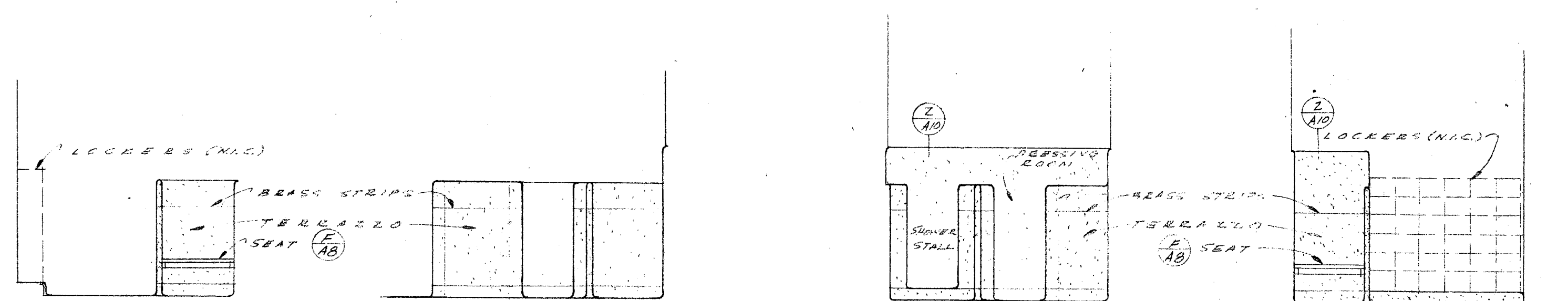
<p>APPROVED</p> <p>OFFICE of the SUPERINTENDENT of SCHOOLS SAN DIEGO COUNTY</p> <p>MAR 18 1949</p> <p>JOHN S. CARROLL Superintendent of Schools</p>		<p>APPROVED</p> <p>STATE OF CALIFORNIA - DEPT. OF PUBLIC WORKS DIVISION OF ARCHITECTURE</p> <p>APPROVED 5-6-49</p> <p>6886 C. R. Peterson SUPERVISING STRUCTURAL ENGINEER</p>		<p>CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB</p> <p>INTERIOR ELEVATIONS</p> <p>GIRLS PHYSICAL EDUC. BLDG. FOR GROSSMONT UNION HIGH SCHOOL DIST. SAN DIEGO COUNTY CALIF.</p> <p>KISTNER, CURTIS &amp; WRIGHT ARCHITECTS AND ENGINEERS LOS ANGELES, CALIF. SAN DIEGO, CALIF.</p>	
<p>By _____</p> <p>By _____</p> <p>By _____</p> <p>By _____</p> <p>By _____</p>		<p>By _____</p> <p>By _____</p> <p>By _____</p> <p>By _____</p> <p>By _____</p>		<p>DATE MAR 1949</p> <p>CHECKED BY</p> <p>SHEET NO. A5</p>	





EAST ELEVATION . . . . . WEST ELEVATION  
SHOWER - 5 - LOCKER - ROOM -  
SCALE 1/4" = 1'-0"

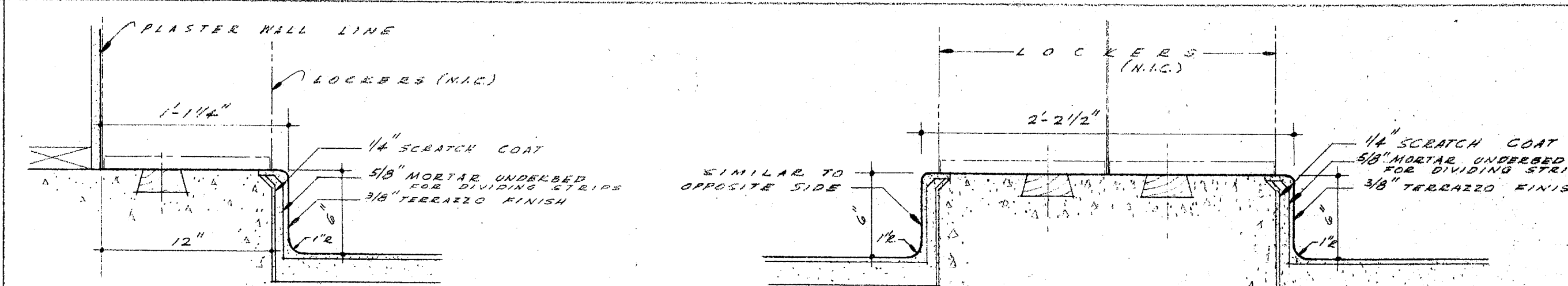
SCALE 1/4" = 1'-0"



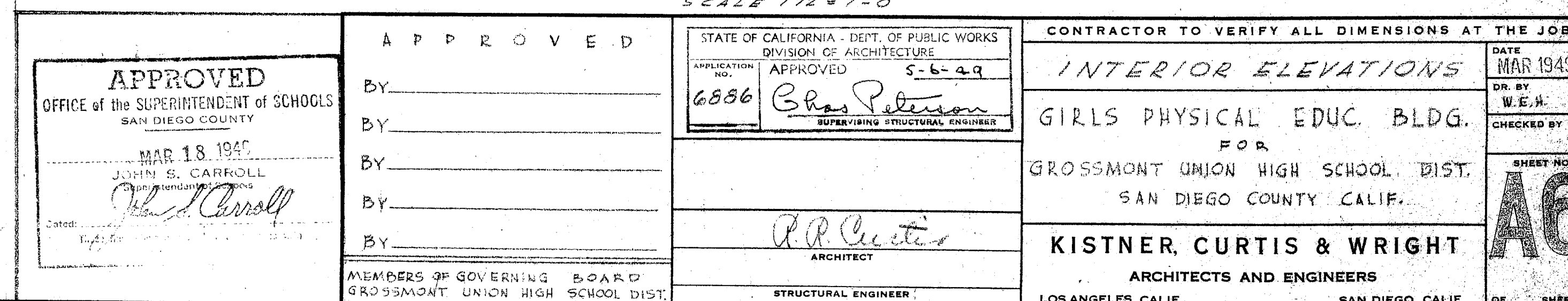
NORTH ELEV.      EAST ELEV.      SOUTH ELEV.      WEST ELEV.

P R I V A T E      S H O W E R

SCALE 1/4" = 1'-0"



SECTION DETAIL OF LOCKER BASE



CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB		DATE MAR 1949
INTERIOR ELEVATIONS		DR. BY W.E.H.
GIRLS PHYSICAL EDUC. BLDG.		CHECKED BY
FOR		SHEET NO.
GROSSMONT UNION HIGH SCHOOL, DIST.		A6
SAN DIEGO COUNTY CALIF.		
KISTNER, CURTIS & WRIGHT		OF THIS SET
ARCHITECTS AND ENGINEERS		
LOS ANGELES CALIF.	SAN DIEGO CALIF.	

INTERIOR ELEVATIONS

GIRLS PHYSICAL EDUC BLDG

FOR  
BROCKMONT UNION HIGH SCHOOL

SAN DIEGO COUNTY CALIF.

KISTNER CURTIS &amp; WRIGHT

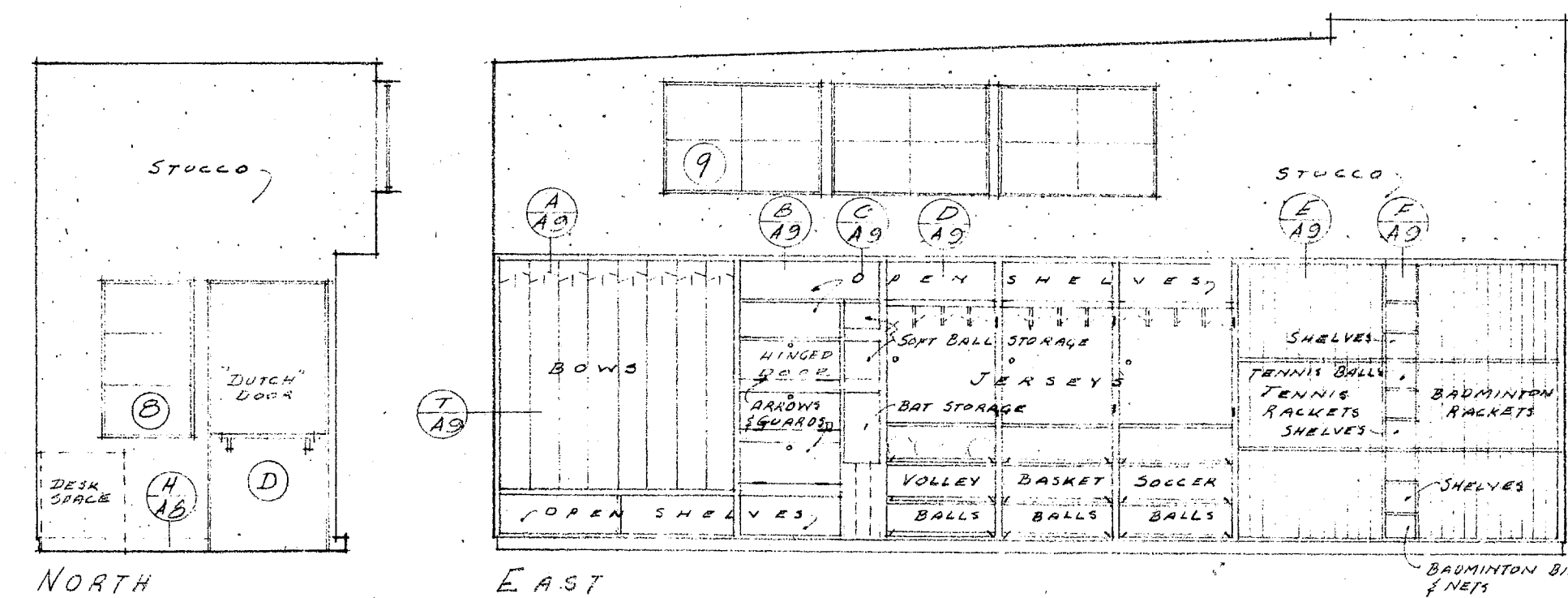
ARCHITECTS AND ENGINEERS

©

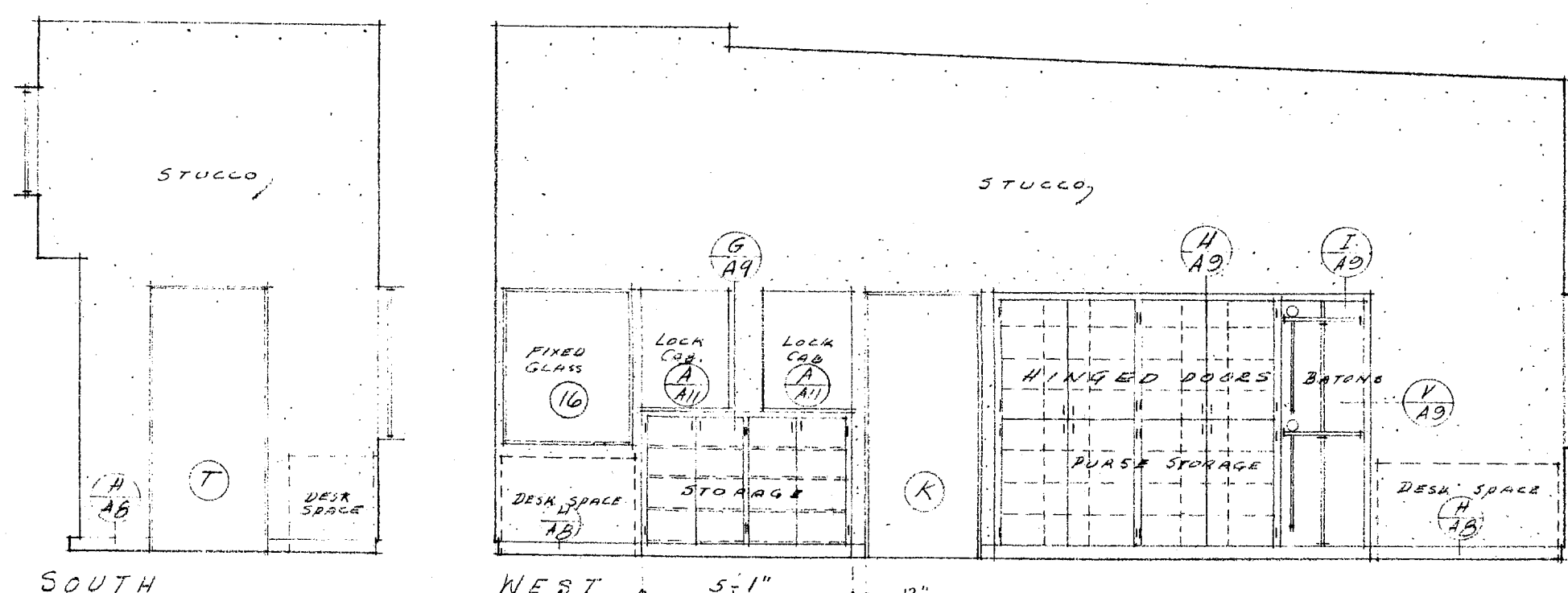
SHEET NO.

A6

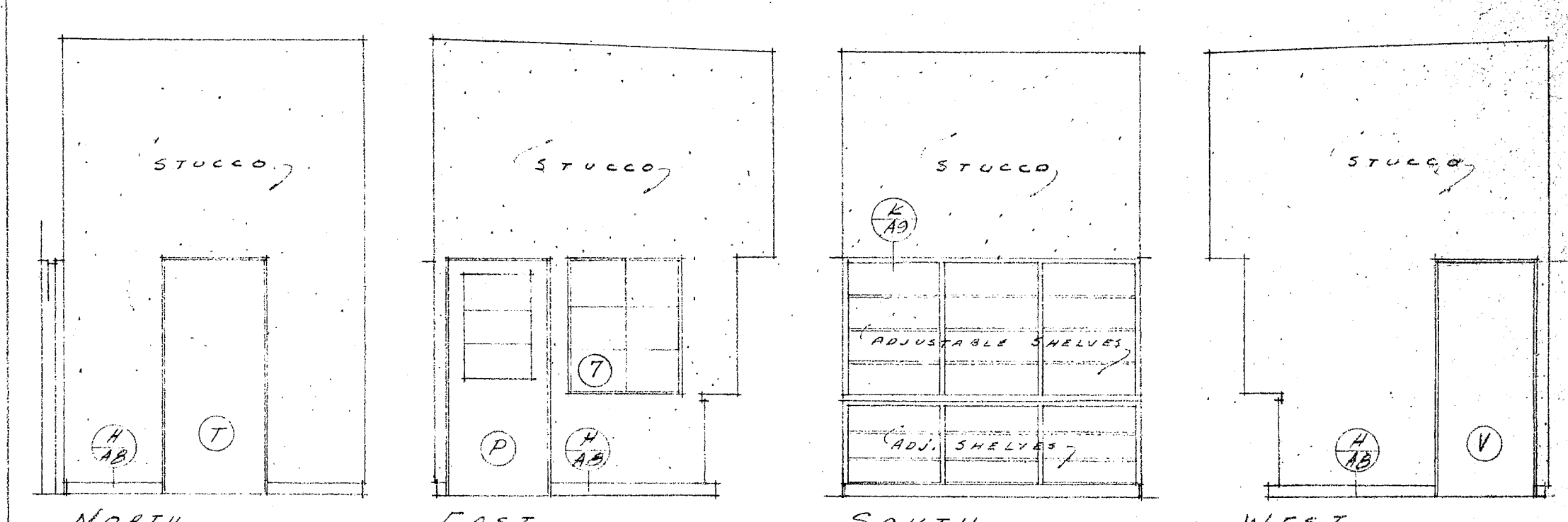




S U P P L Y R O O M  
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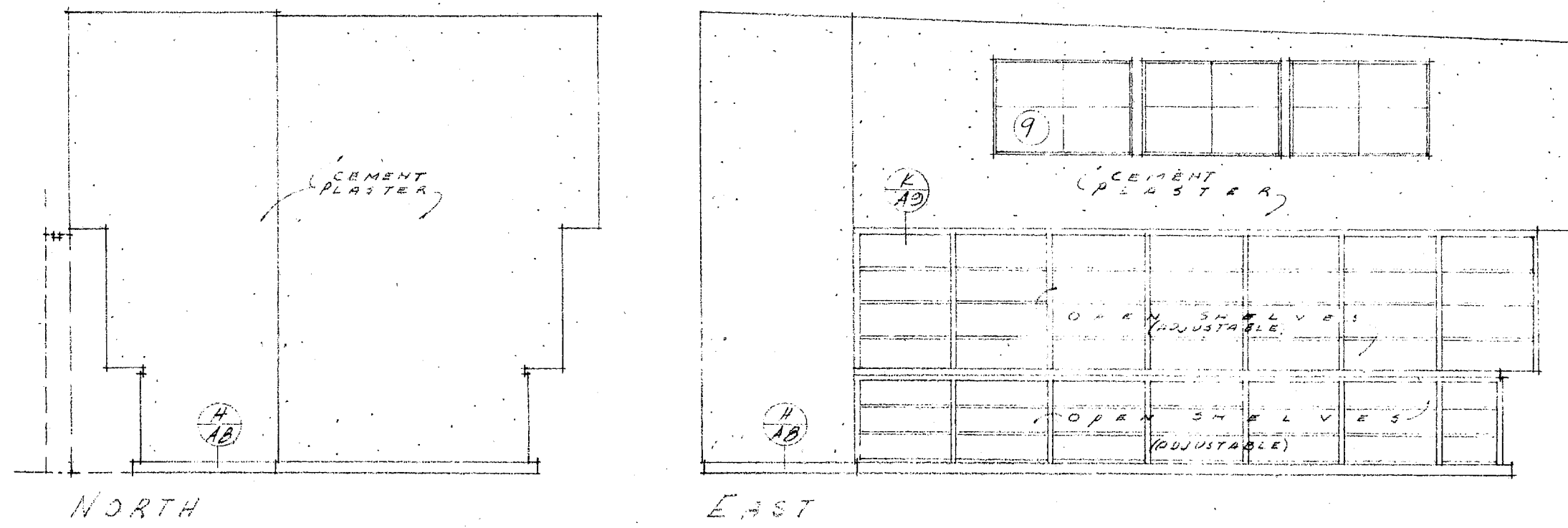


(A)

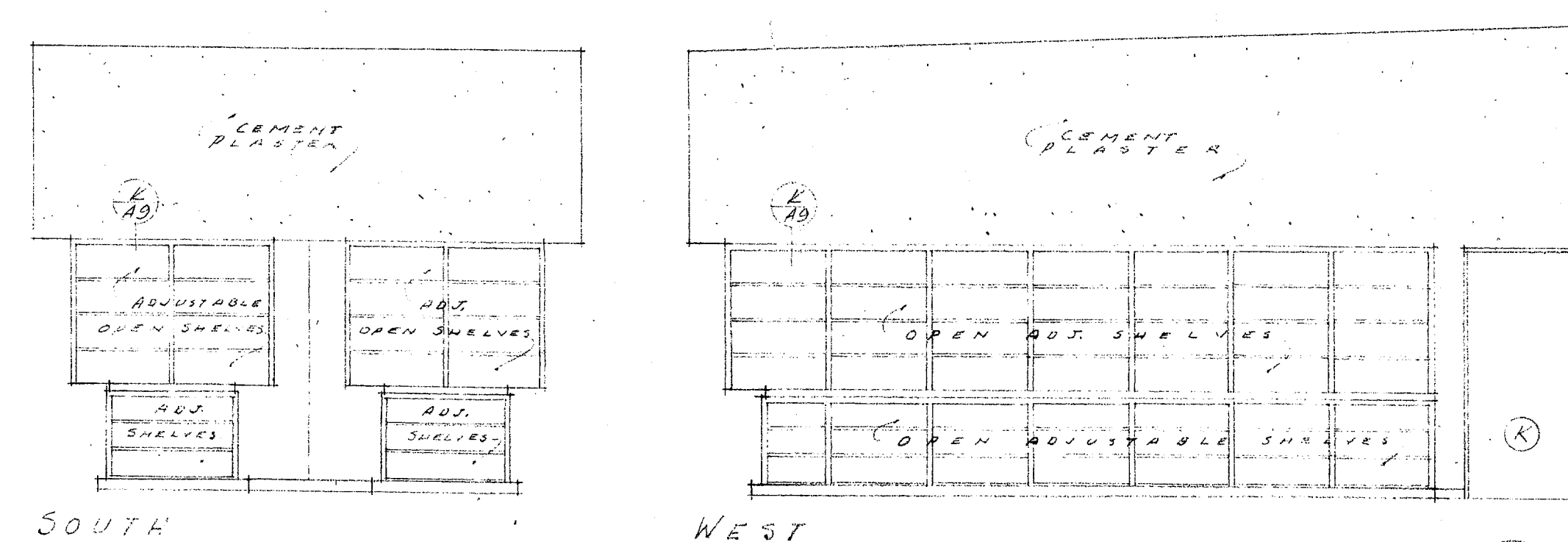


T O W E L R O O M  
SCALE: 1/4" = 1'-0"

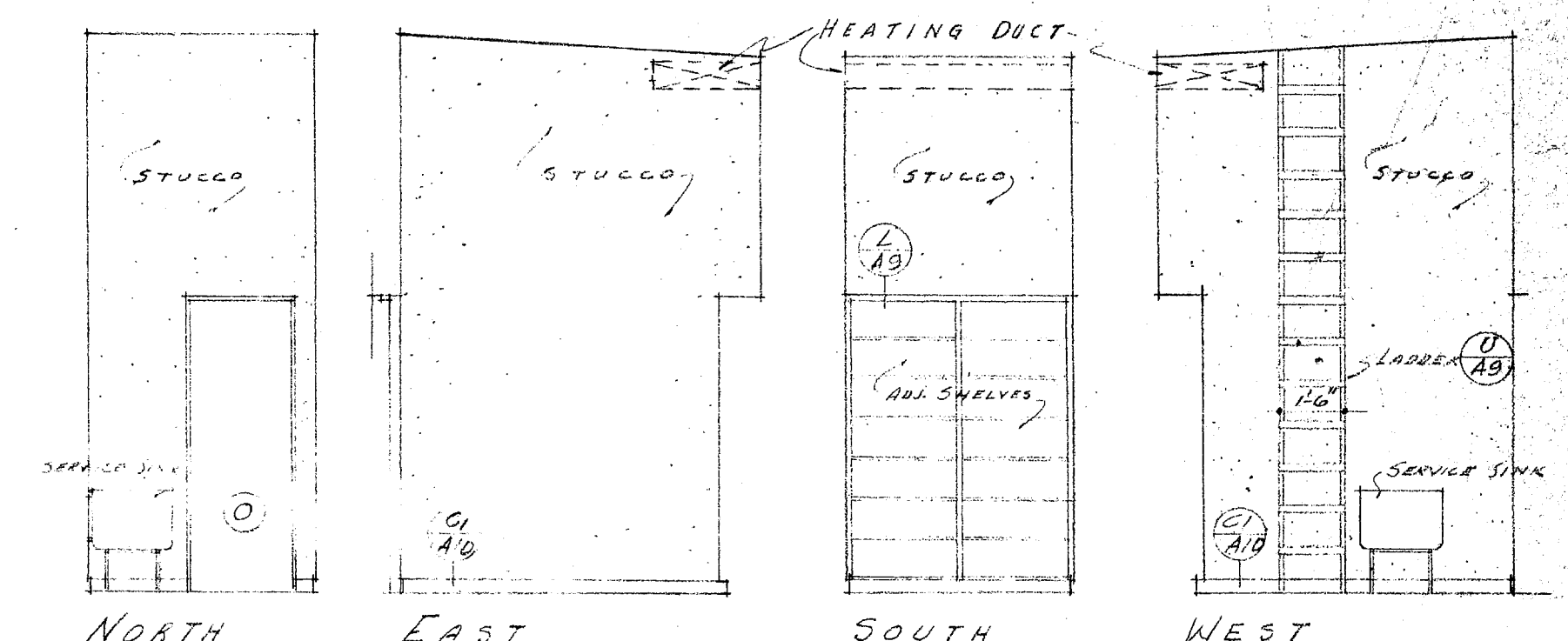
(B)



S T O R A G E R O O M  
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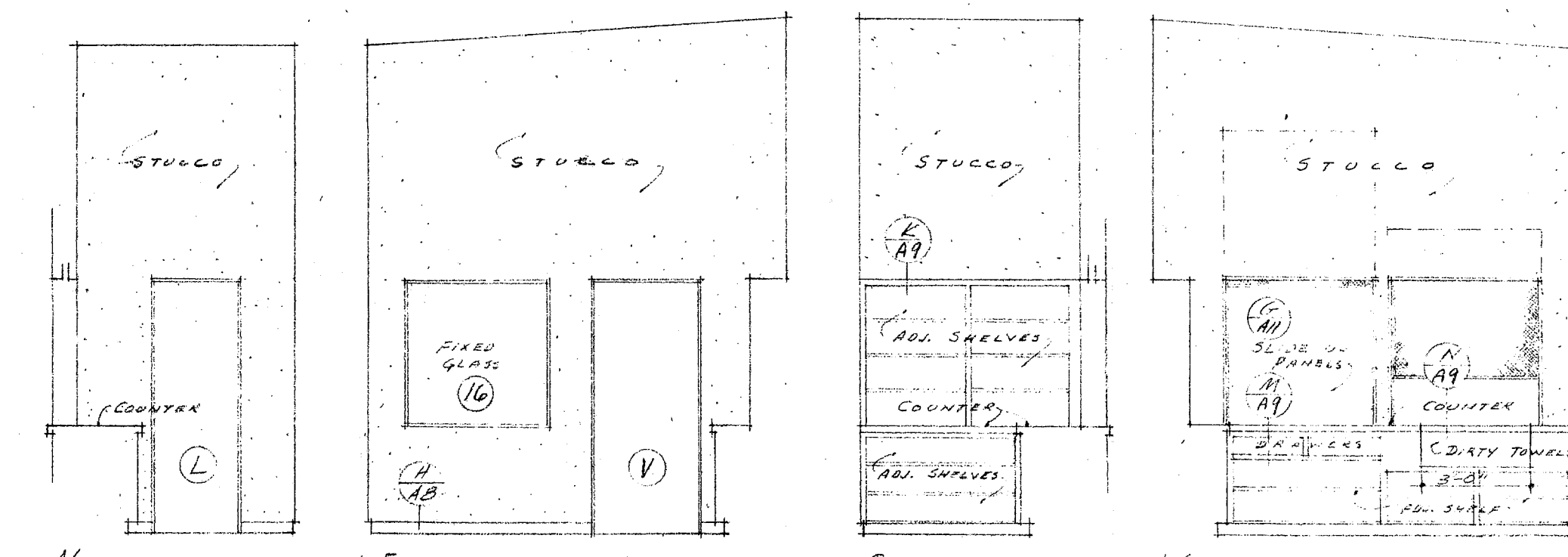


(C)



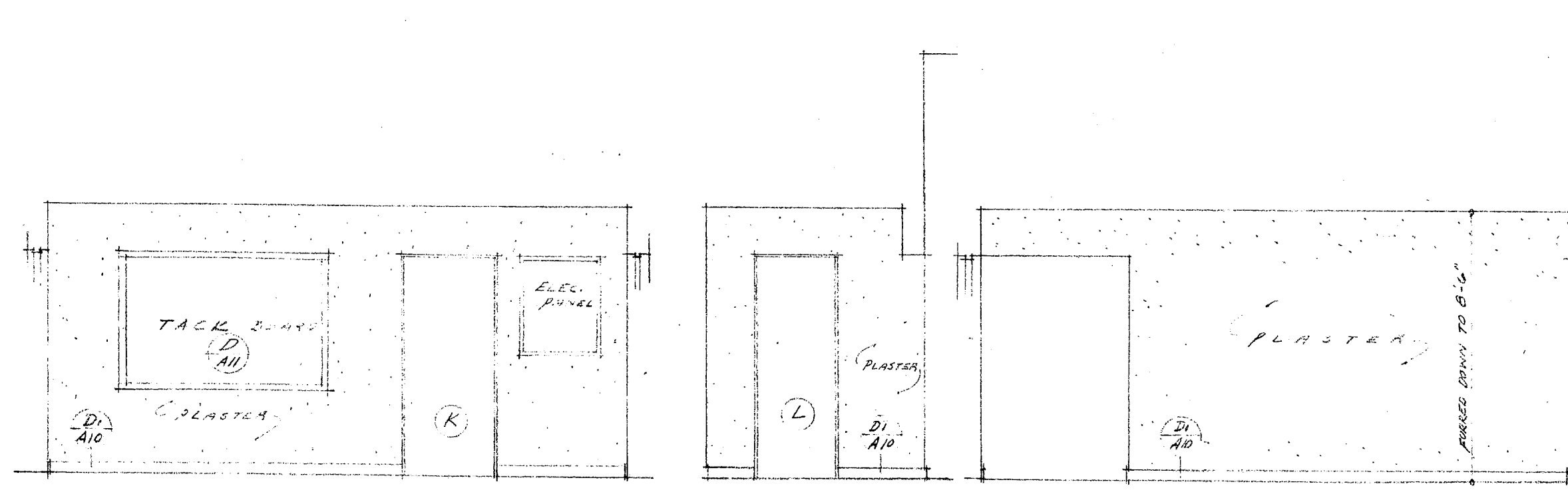
J A N I T O R ' S C L O S E T  
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(D)



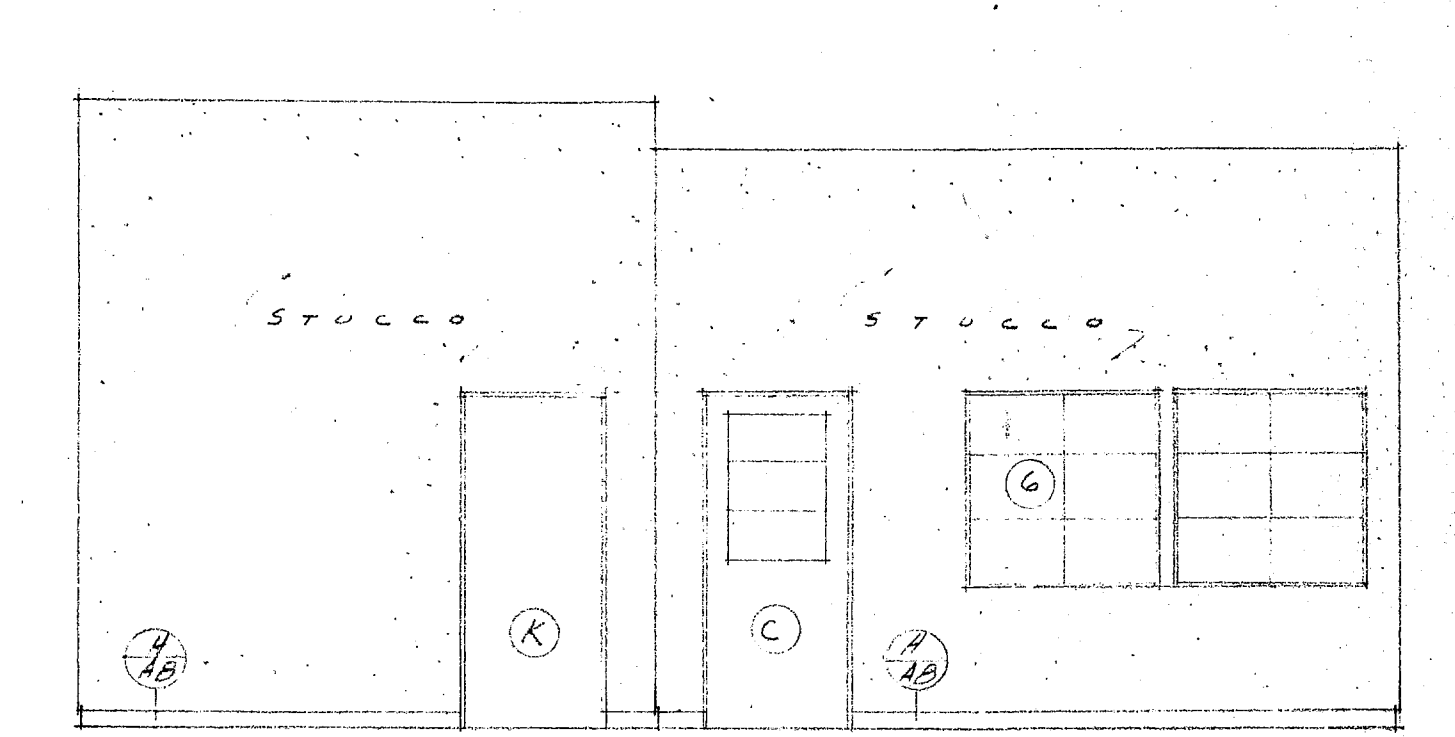
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(E)



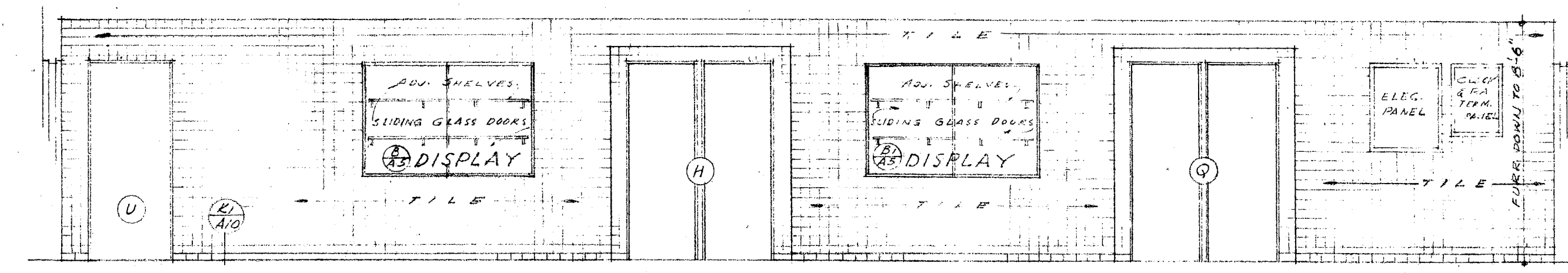
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(F)

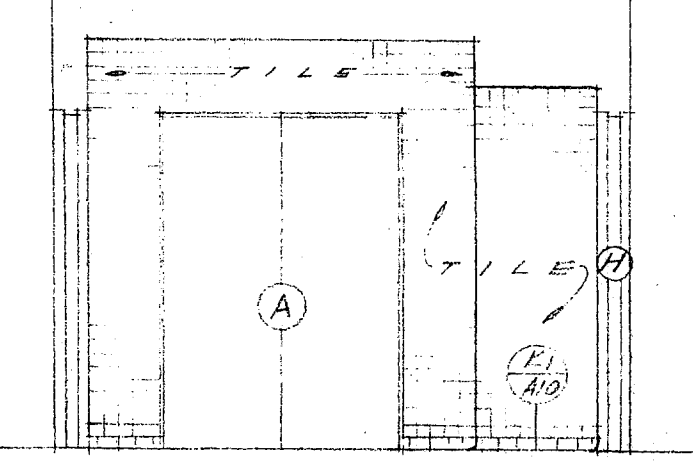


O F F I C E  
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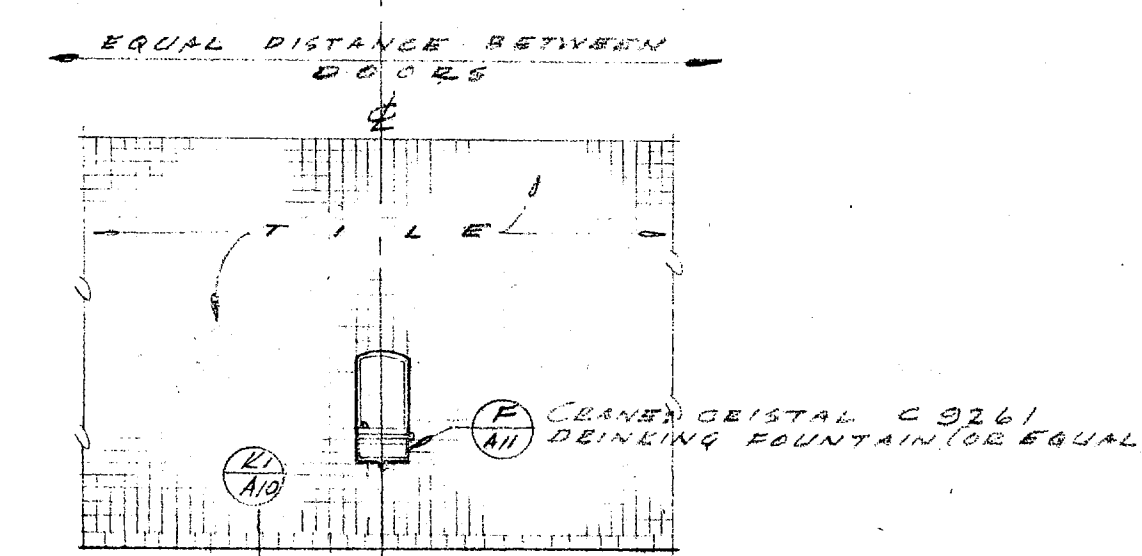
(H)



C O R R I D O R  
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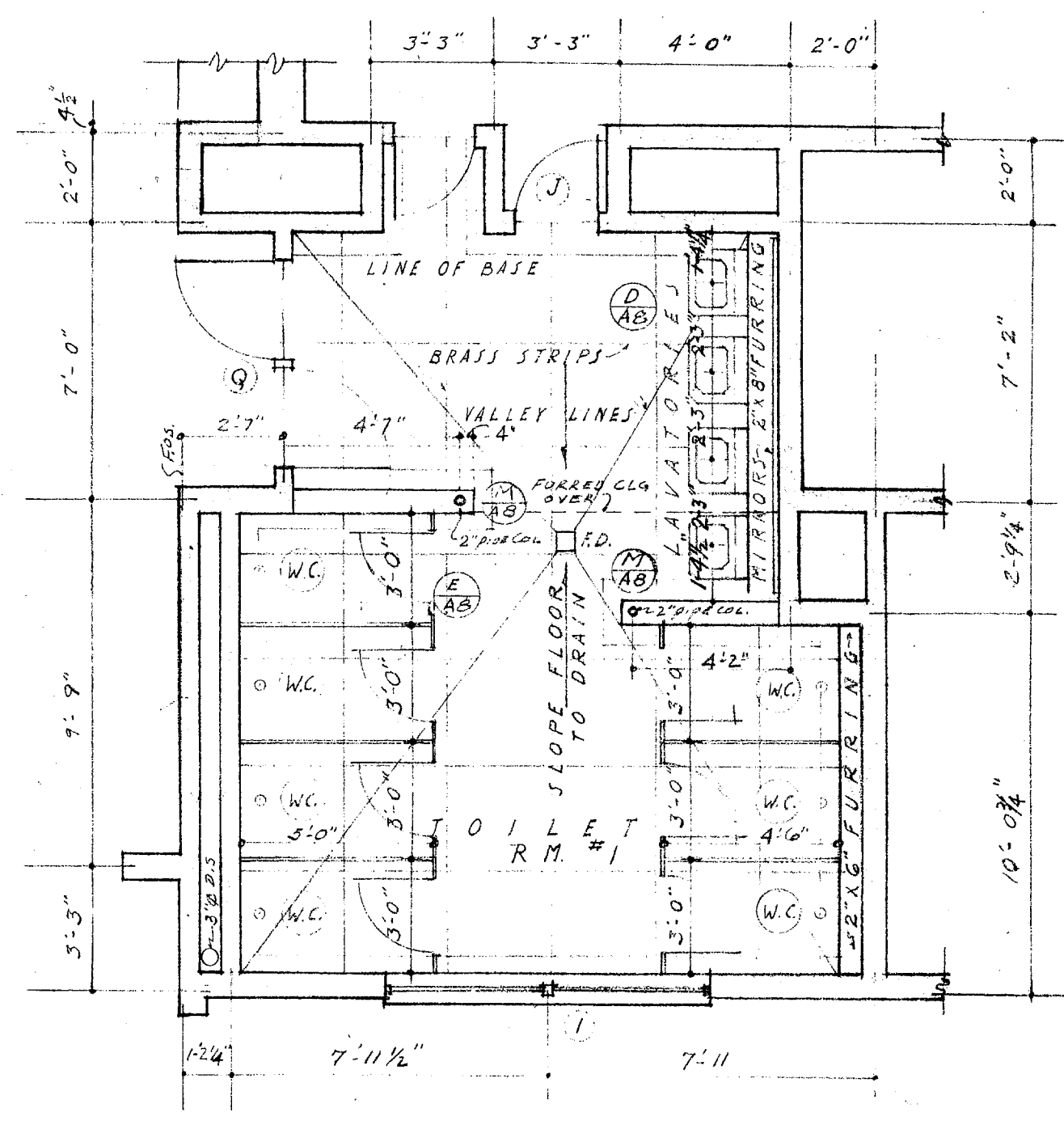
N O R T H  
S O U T H S I M I L A R



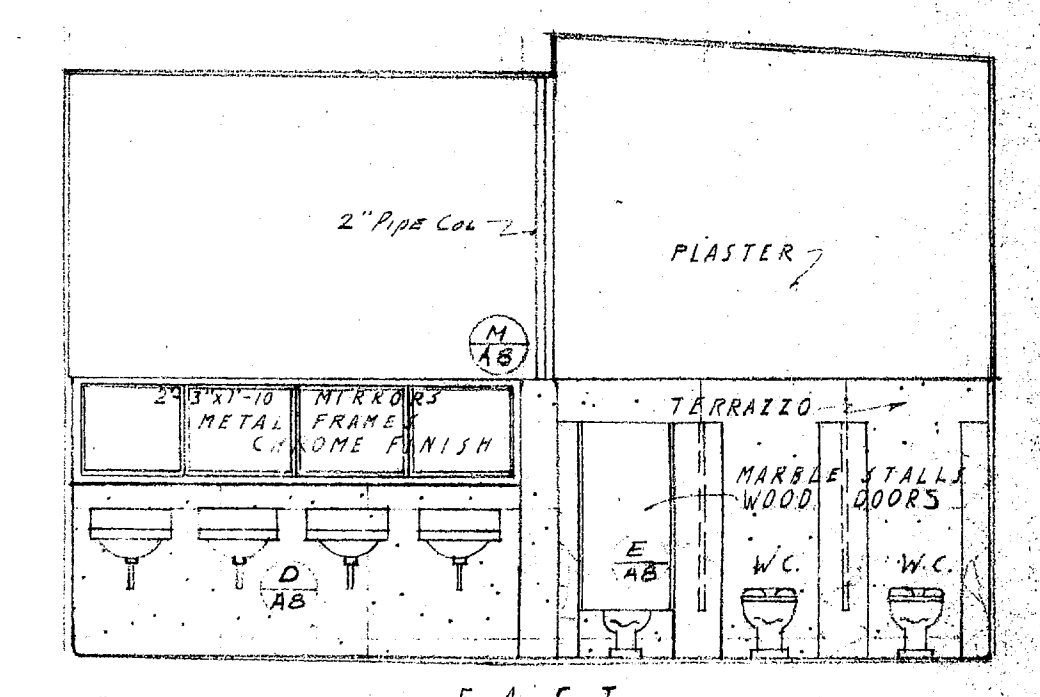
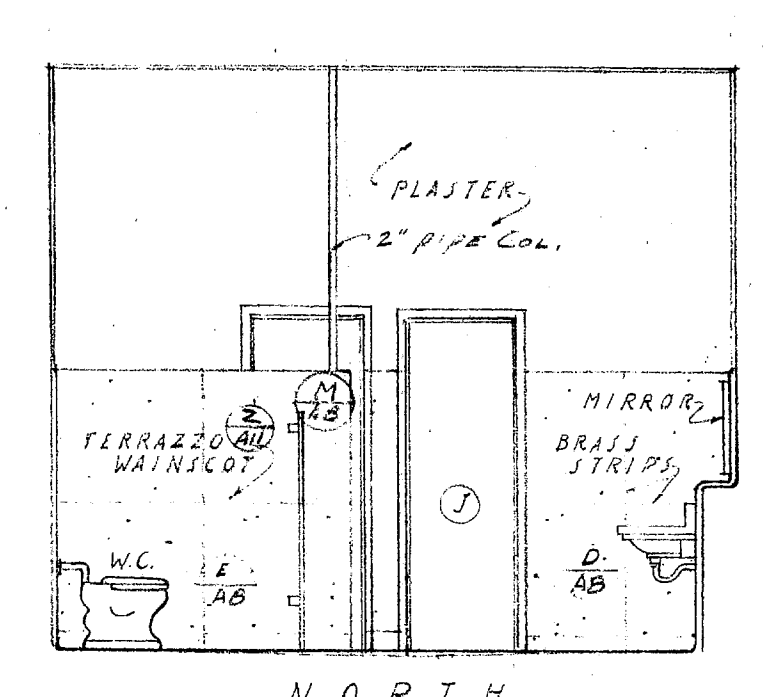
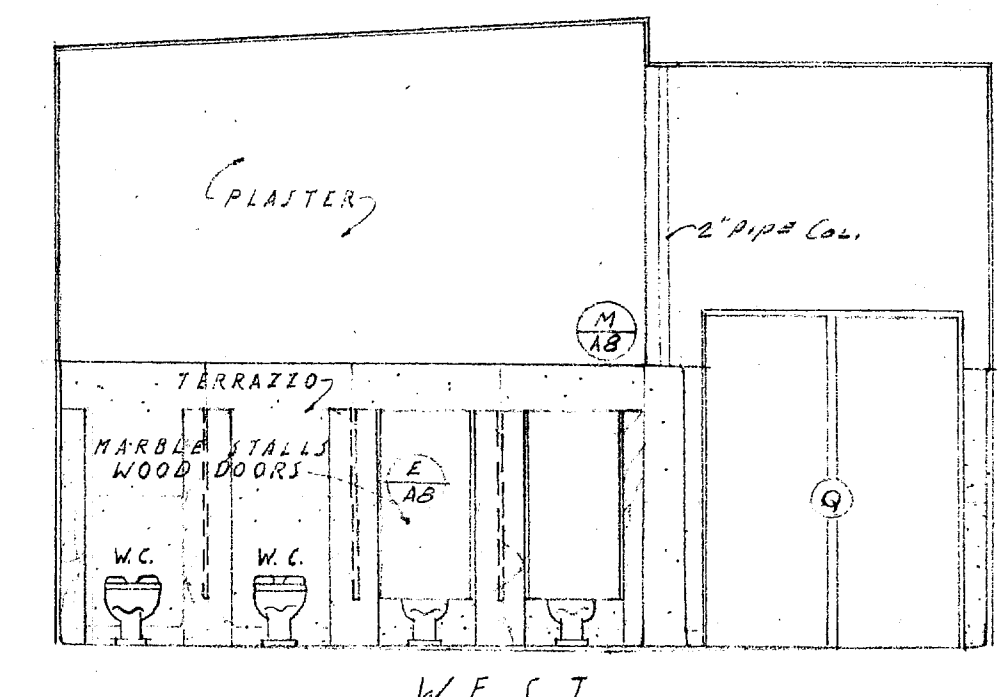
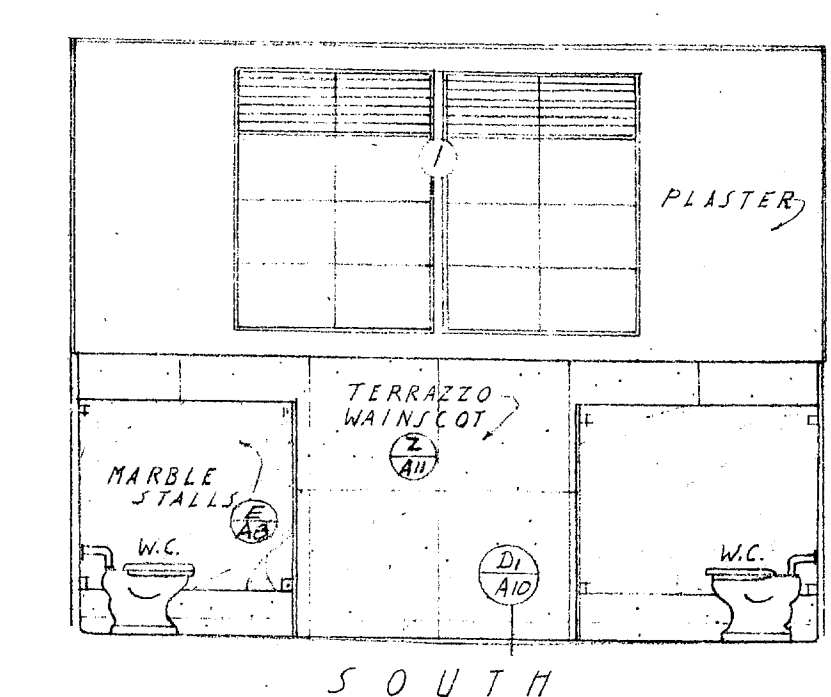
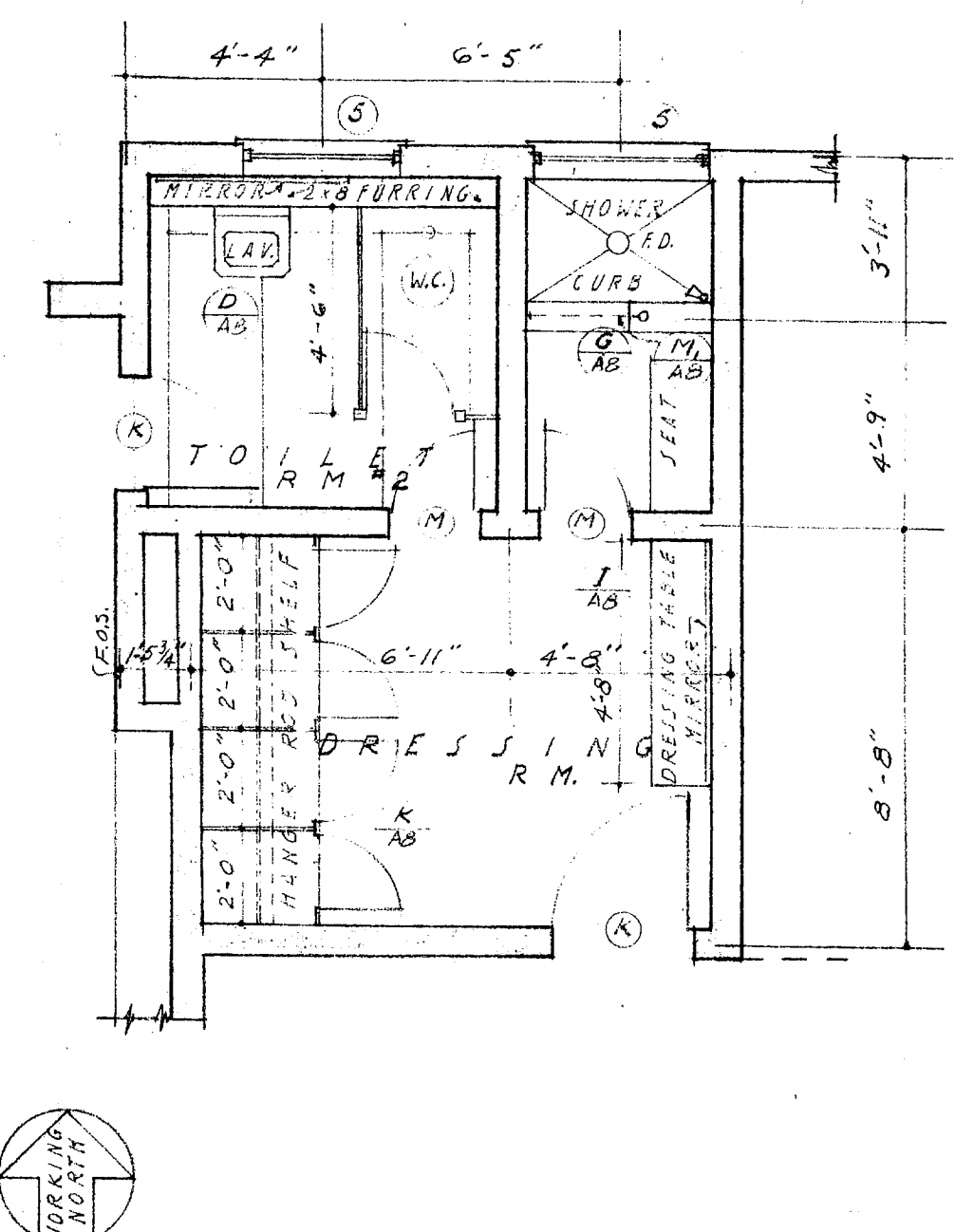
(G)

<p>APPROVED</p> <p>OFFICE of the SUPERINTENDENT of SCHOOLS</p> <p>SAN DIEGO COUNTY</p> <p>MAR 18 1949</p> <p>JOHN S. CARROLL</p> <p>Superintendent of Schools</p>	<p>APPROVED</p> <p>BY _____</p> <p>BY _____</p> <p>BY _____</p> <p>BY _____</p> <p>BY _____</p>	<p>STATE OF CALIFORNIA - DEPT. OF PUBLIC WORKS</p> <p>DIVISION OF ARCHITECTURE</p> <p>APPROVED 5-6-49</p> <p>6886 <i>Charles Peterson</i></p> <p>REGISTERED ARCHITECT</p>	<p>CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB</p> <p>INTERIOR ELEVATIONS</p> <p>GIRLS PHYSICAL EDUC. BLDG.</p> <p>FOR</p> <p>GROSSMONT UNION HIGH SCHOOL DIST.</p> <p>SAN DIEGO COUNTY, CALIF.</p>	
	<p>MEMBERS OF GOVERNING BOARD</p> <p>GROSSMONT UNION HIGH SCHOOL DIST.</p>	<p><i>R.P. Curtis</i></p> <p>ARCHITECT</p>	<p>KISTNER, CURTIS &amp; WRIGHT</p> <p>ARCHITECTS AND ENGINEERS</p> <p>LOS ANGELES, CALIF. SAN DIEGO, CALIF.</p>	<p>SHEET NO. <b>A7</b></p> <p>OF _____ SHEETS</p>
	<p>DATE: _____</p> <p>SCALE: _____</p>	<p>DATE: MAR 1949</p> <p>DR. BY: R.M.D.</p> <p>CHECKED BY: _____</p>	<p>DATE: _____</p> <p>DR. BY: _____</p> <p>CHECKED BY: _____</p>	<p>DATE: _____</p> <p>DR. BY: _____</p> <p>CHECKED BY: _____</p>
	<p>DATE: _____</p> <p>SCALE: _____</p>	<p>DATE: _____</p> <p>DR. BY: _____</p> <p>CHECKED BY: _____</p>	<p>DATE: _____</p> <p>DR. BY: _____</p> <p>CHECKED BY: _____</p>	<p>DATE: _____</p> <p>DR. BY: _____</p> <p>CHECKED BY: _____</p>

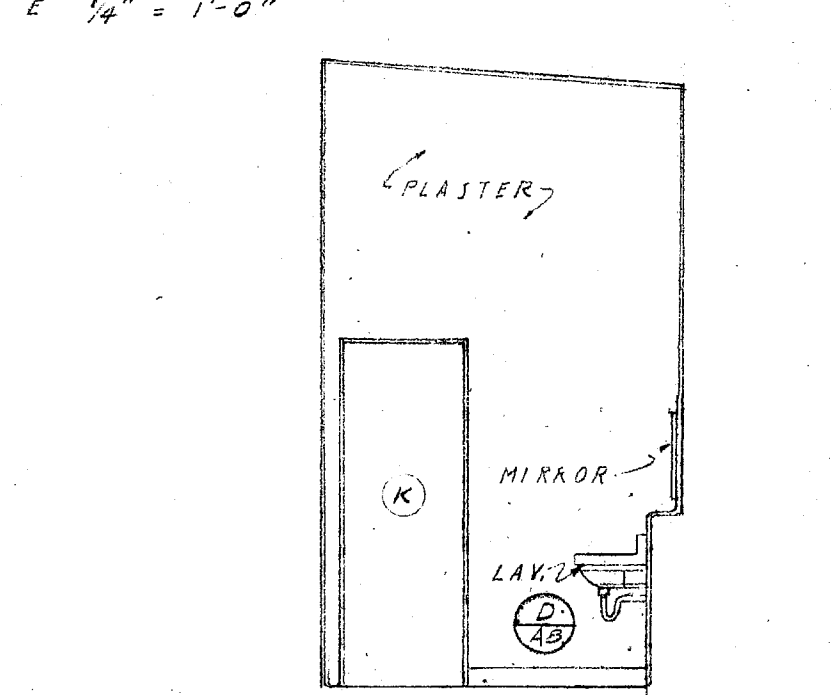
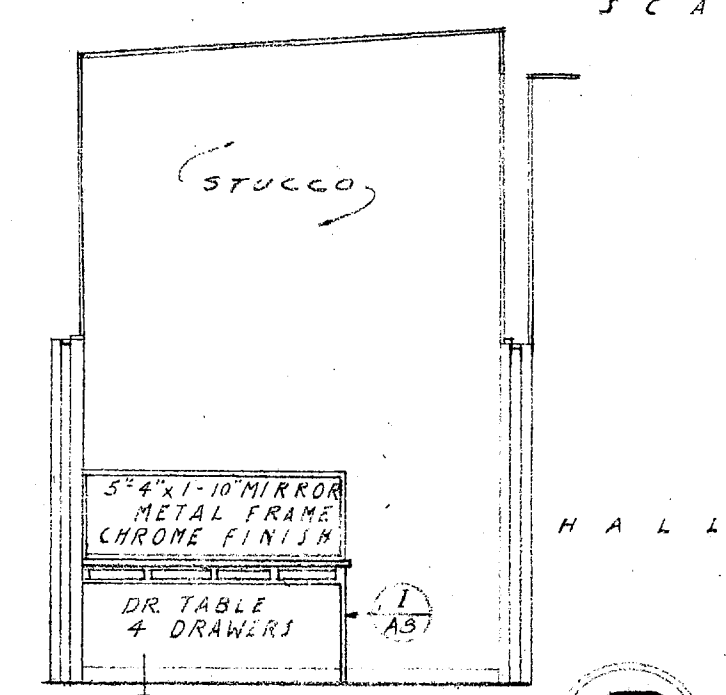
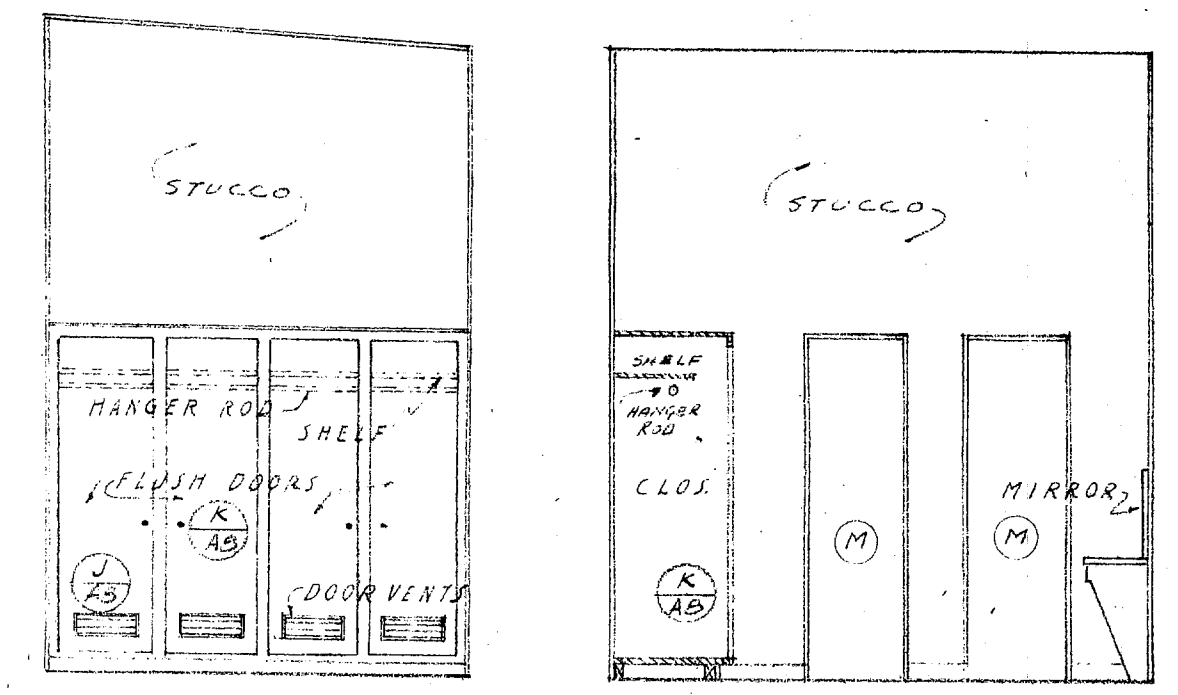




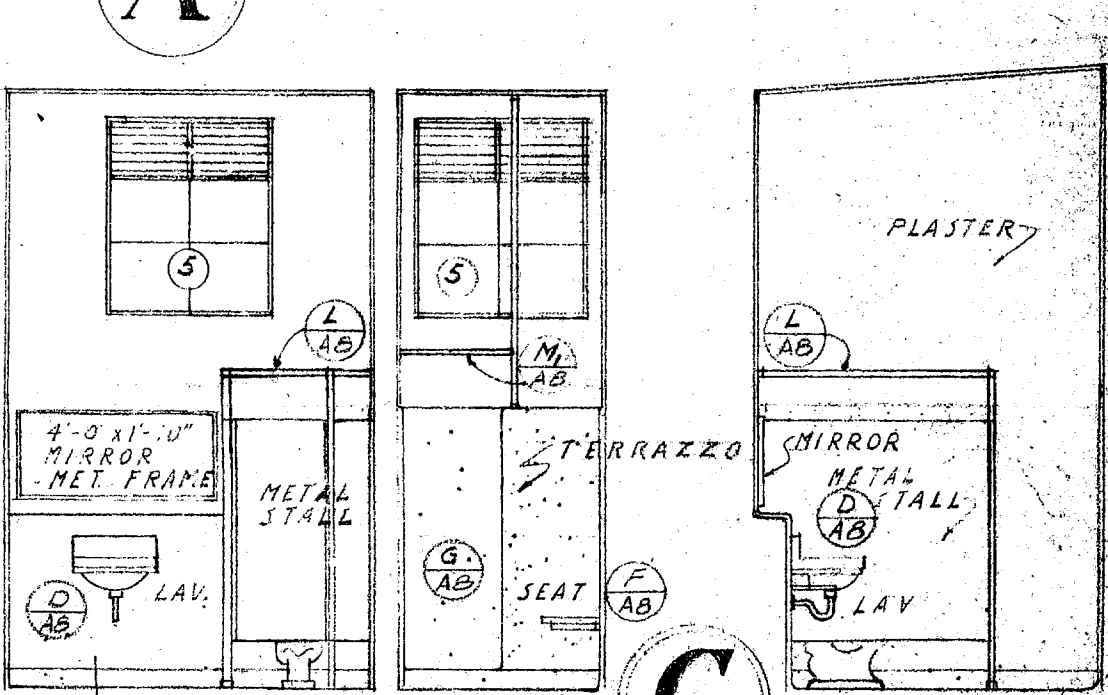
TOILET ROOM LAYOUTS  
SCALE 1/4" = 1'-0"



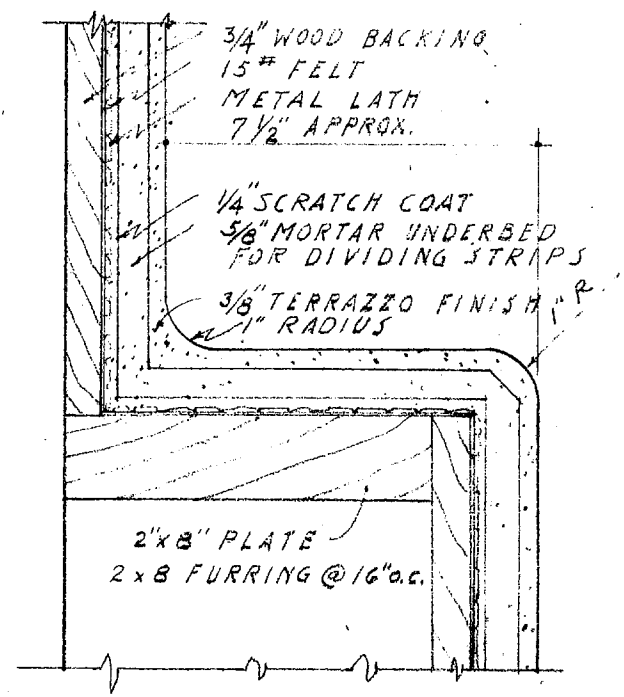
TOILET ROOM #1 ELEVATIONS  
SCALE 1/4" = 1'-0"



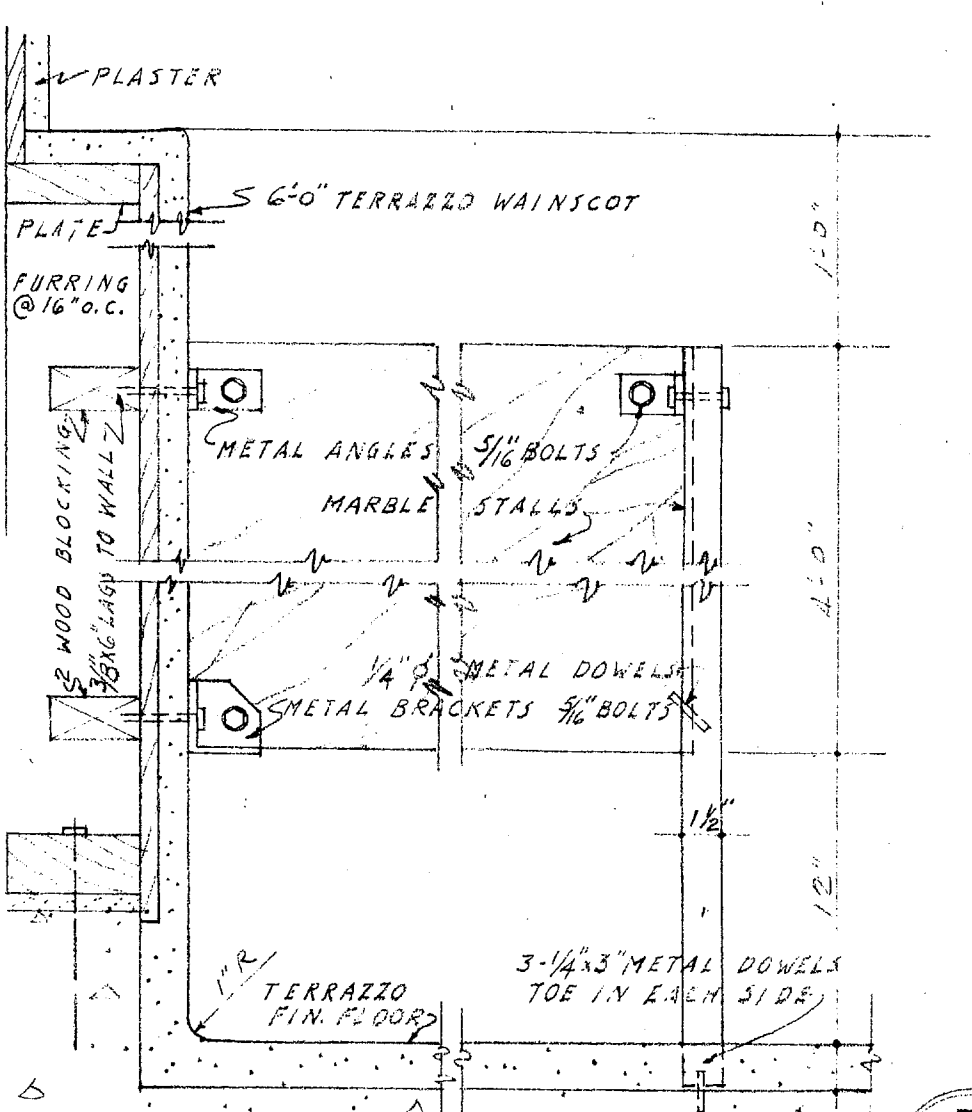
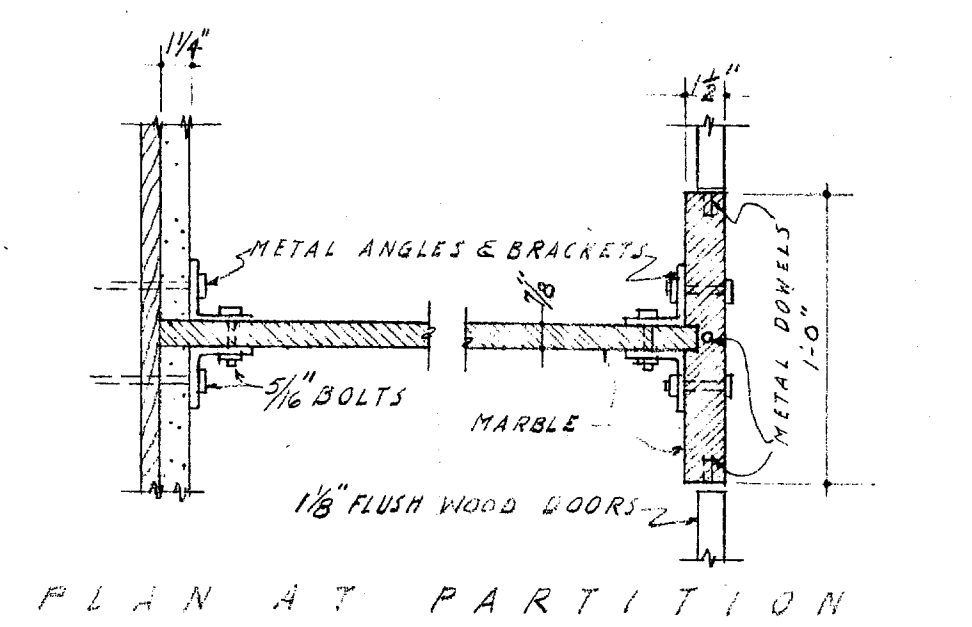
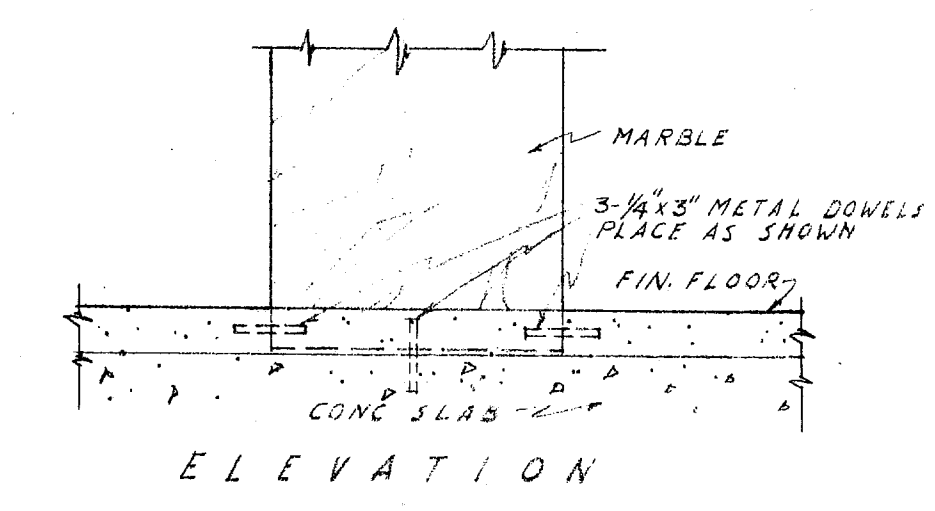
DRESSING ROOM ELEVATIONS  
SCALE 1/4" = 1'-0"



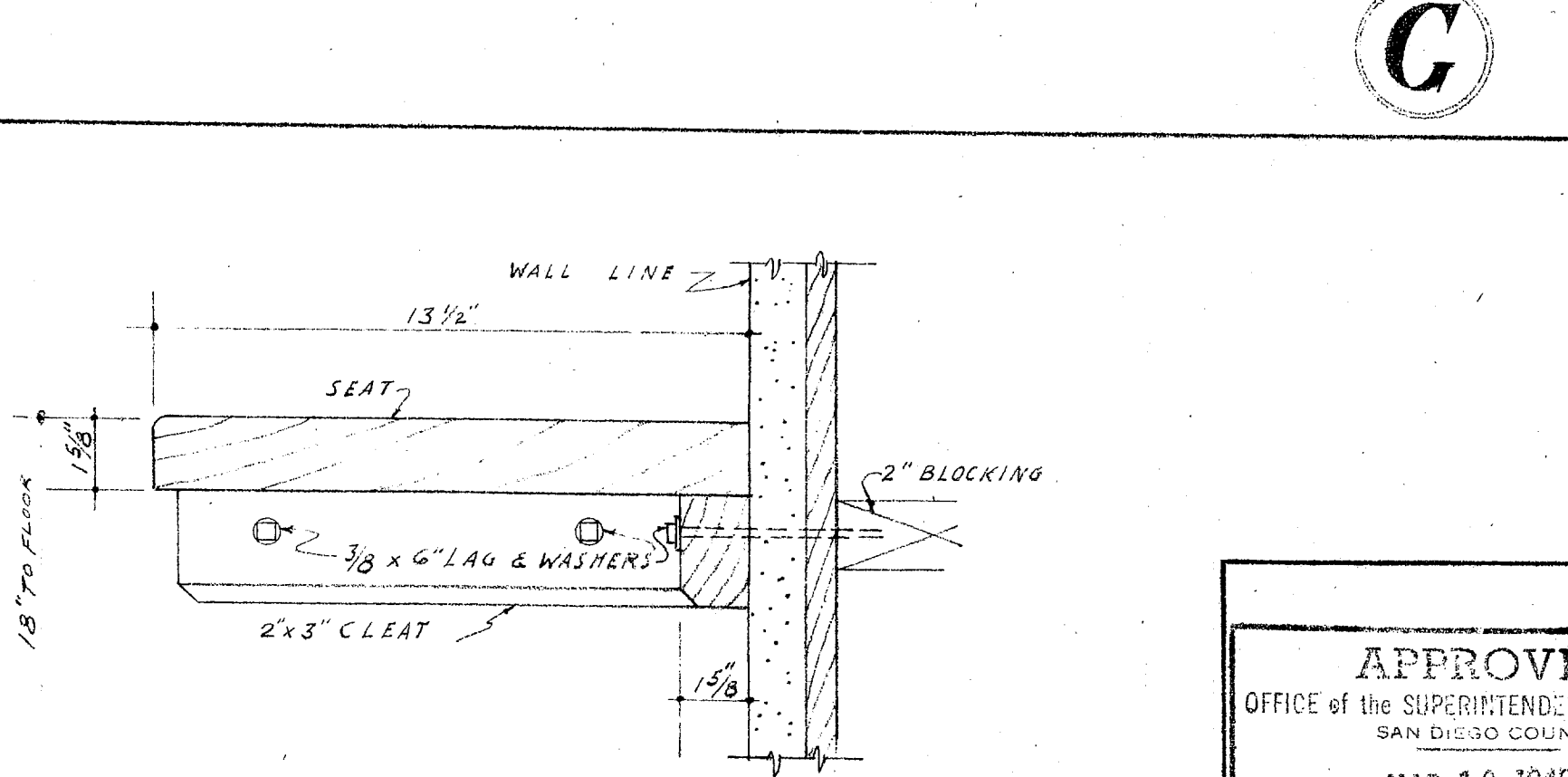
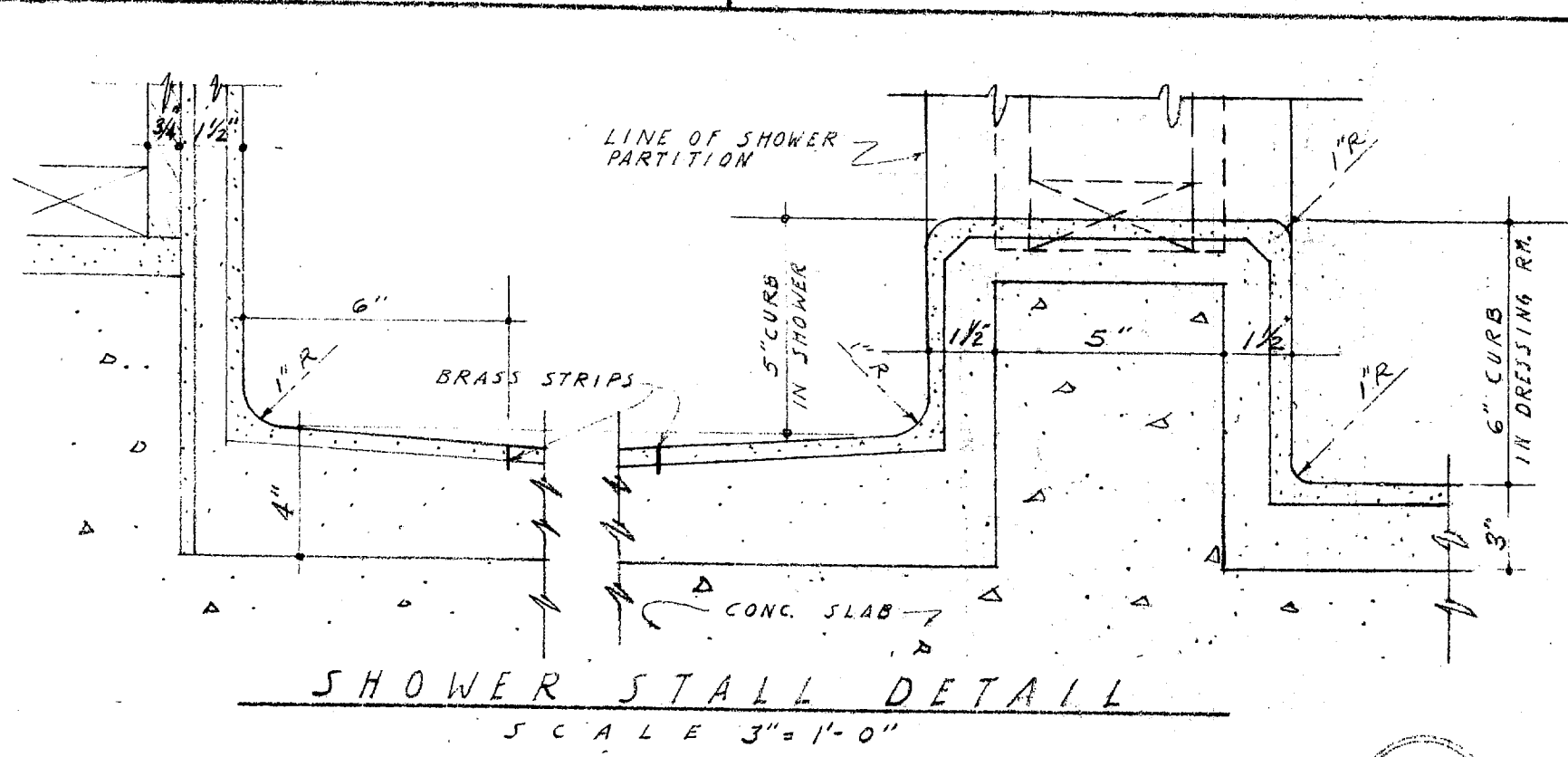
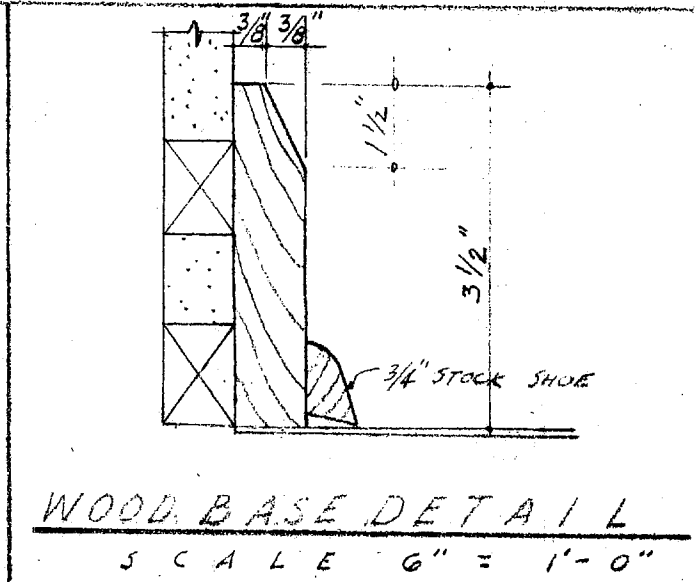
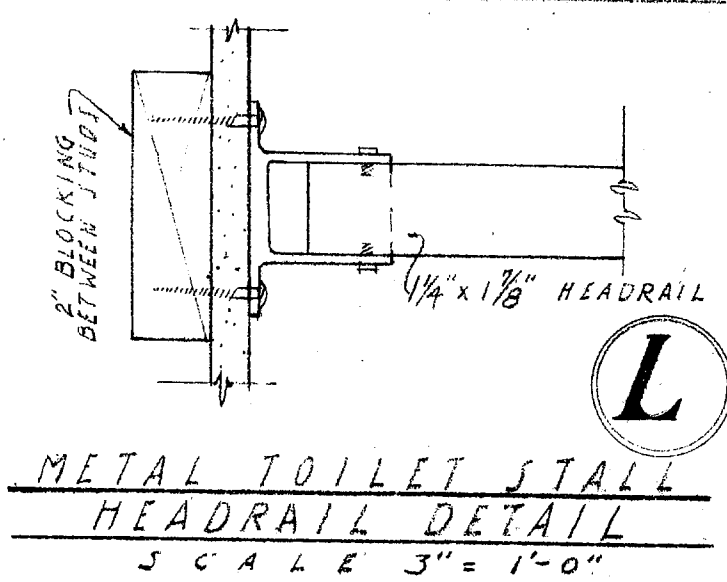
TOILET ROOM #2 ELEVATIONS  
SCALE 1/4" = 1'-0"



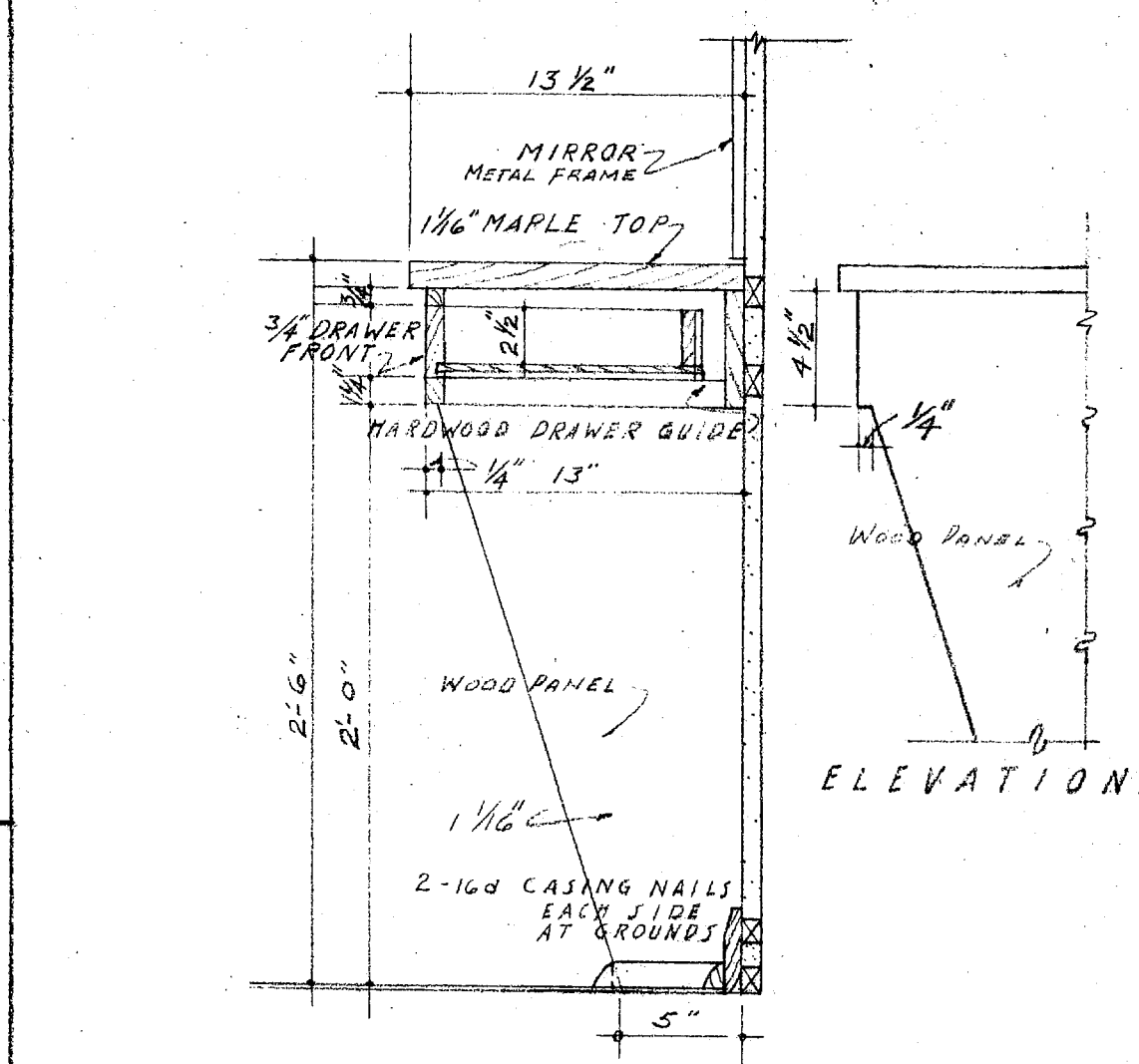
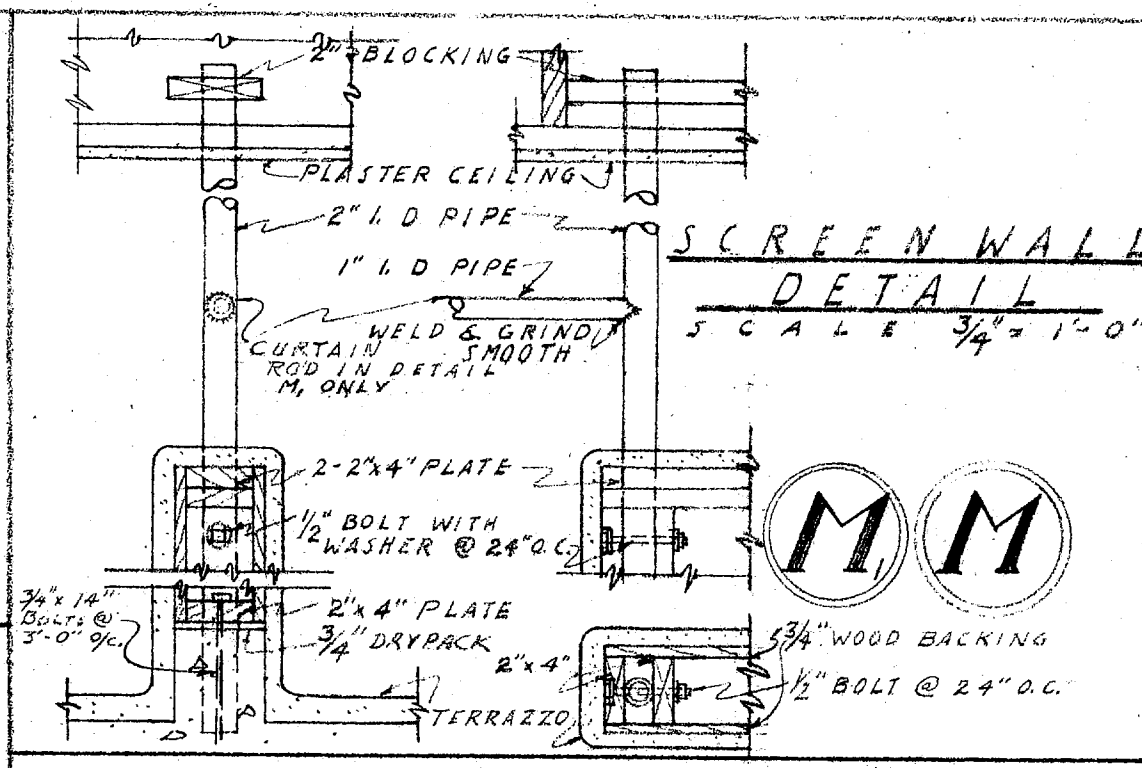
DETAIL 'A'  
SCALE 3" = 1'-0"



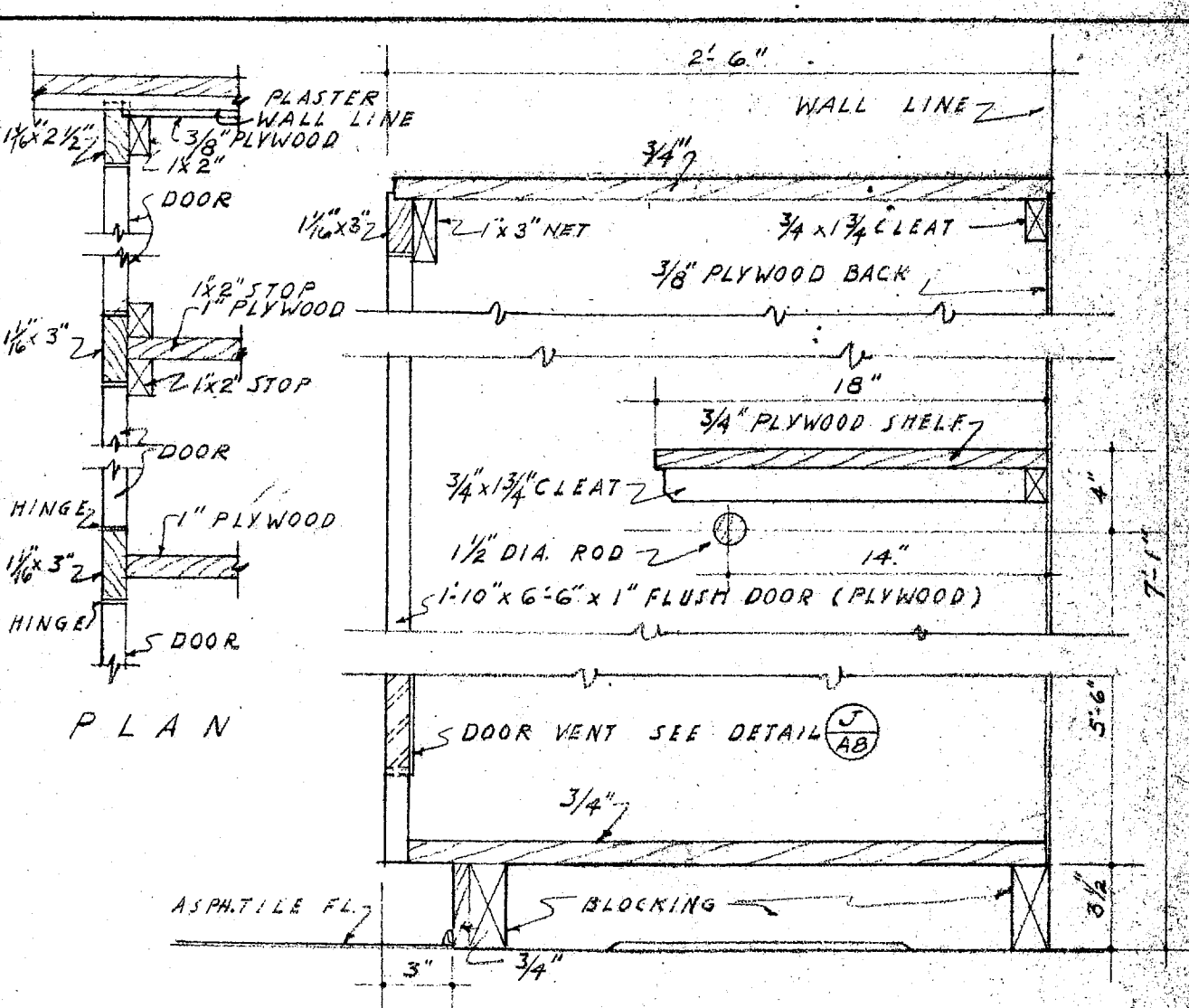
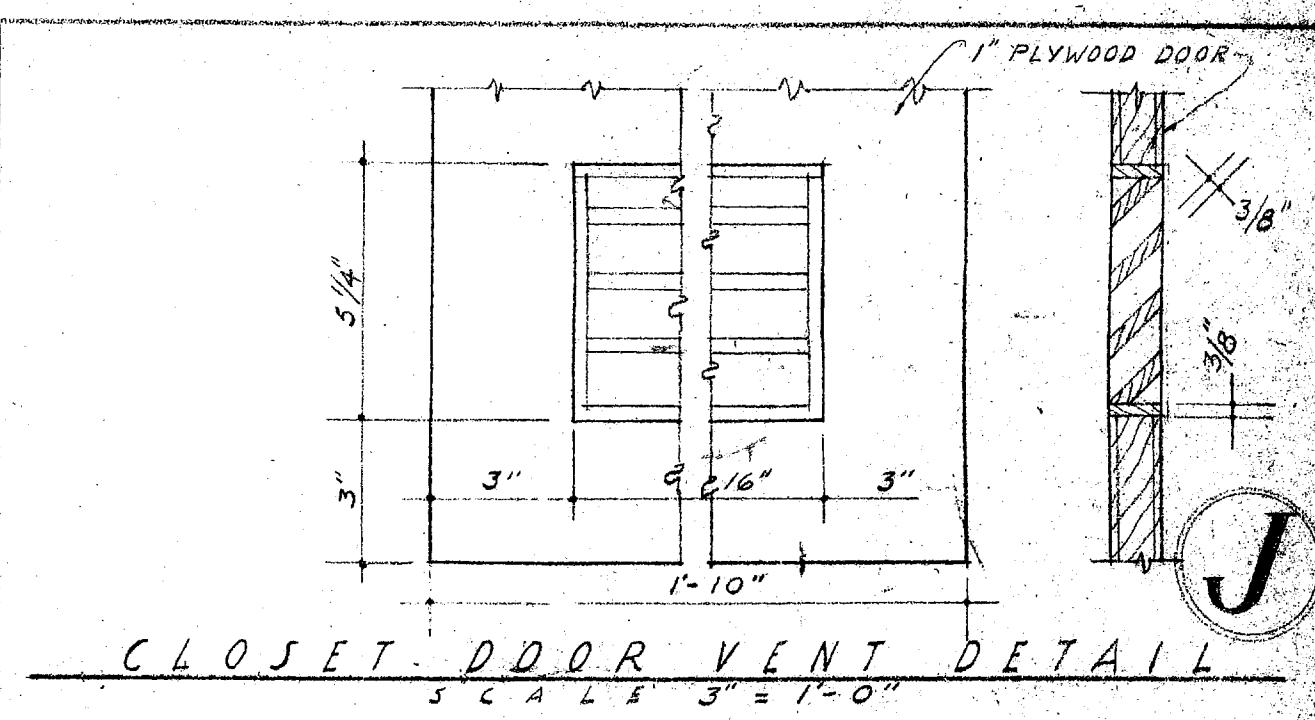
MARBLE TOILET STALL DET.  
SCALE 1 1/2" = 1'-0"



SHOWER RM. SEAT DETAIL  
SCALE 3" = 1'-0"



DRESSING TABLE DETAIL  
SCALE 1 1/2" = 1'-0"



DRESSING RM. CLOSETS DETAIL  
SCALE 1 1/2" = 1'-0"

APPROVED  
OFFICE OF THE SUPERINTENDENT OF SCHOOLS  
SAN DIEGO COUNTY  
MAR 18 1949  
J. S. CARROLL  
SUPERVISING ARCHITECT

APPROVED  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
MEMBERS OF GOVERNING BOARD  
GROSSMONT UNION HIGH SCHOOL DIST.

STATE OF CALIFORNIA - DEPT. OF PUBLIC WORKS  
DIVISION OF ARCHITECTURE  
APPROVED 5-6-49  
6886  
G. H. Peterson  
SUPERVISING STRUCTURAL ENGINEER

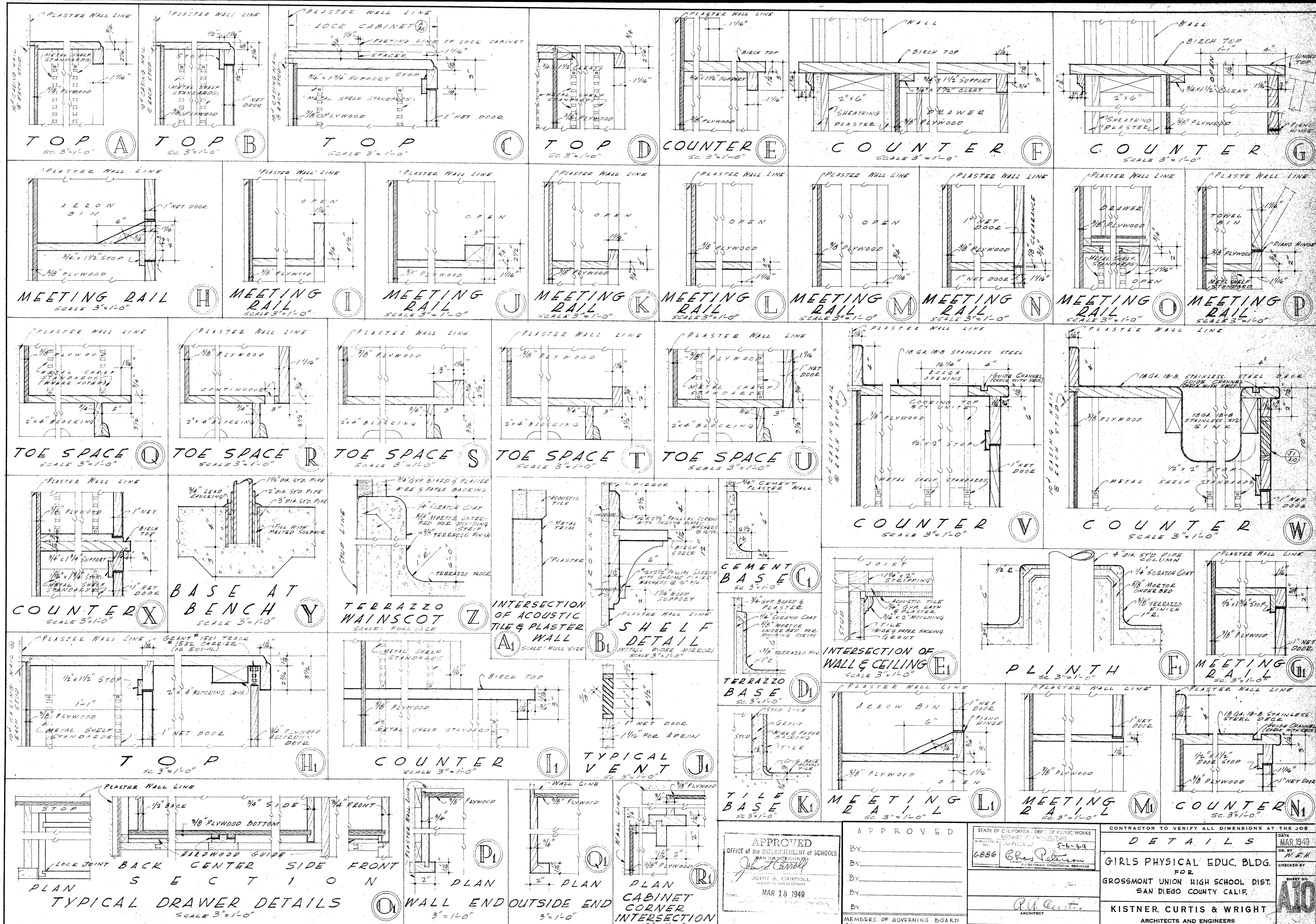
CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB  
DATE MAR 1949  
TOILET ROOM DETAILS  
GIRLS PHYSICAL EDUC. BLDG.  
FOR  
GROSSMONT UNION HIGH SCHOOL DIST.  
SAN DIEGO COUNTY CALIF.  
KISTNER, CURTIS & WRIGHT  
ARCHITECTS AND ENGINEERS  
LOS ANGELES, CALIF. SAN DIEGO, CALIF.

SHEET NO. A8  
OF SHEETS

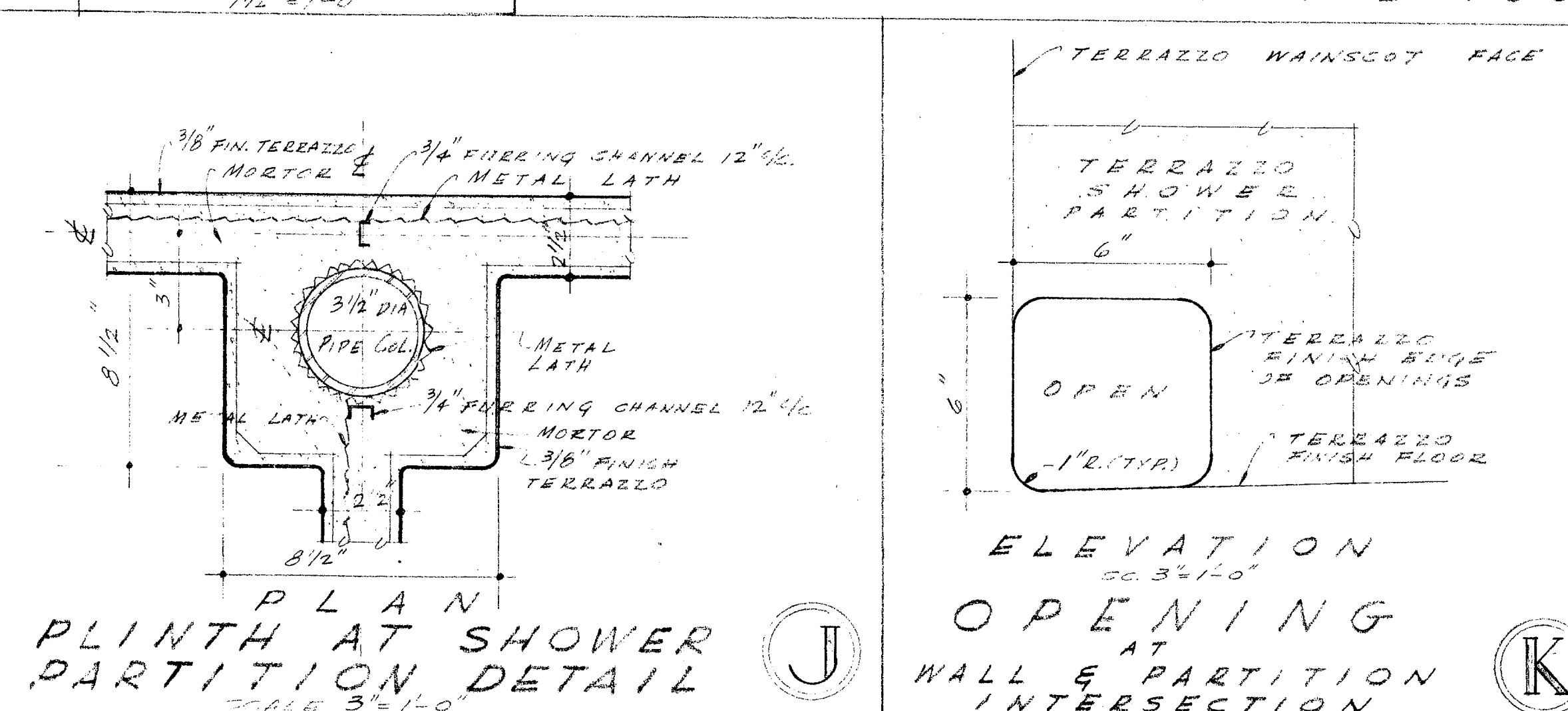
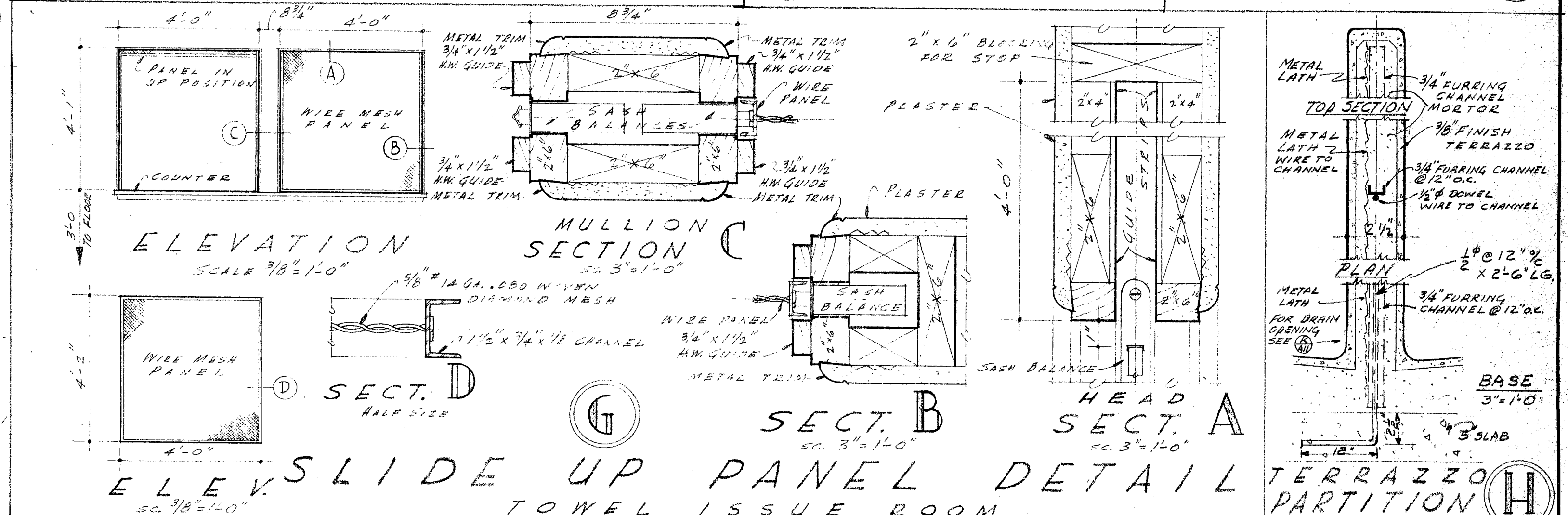
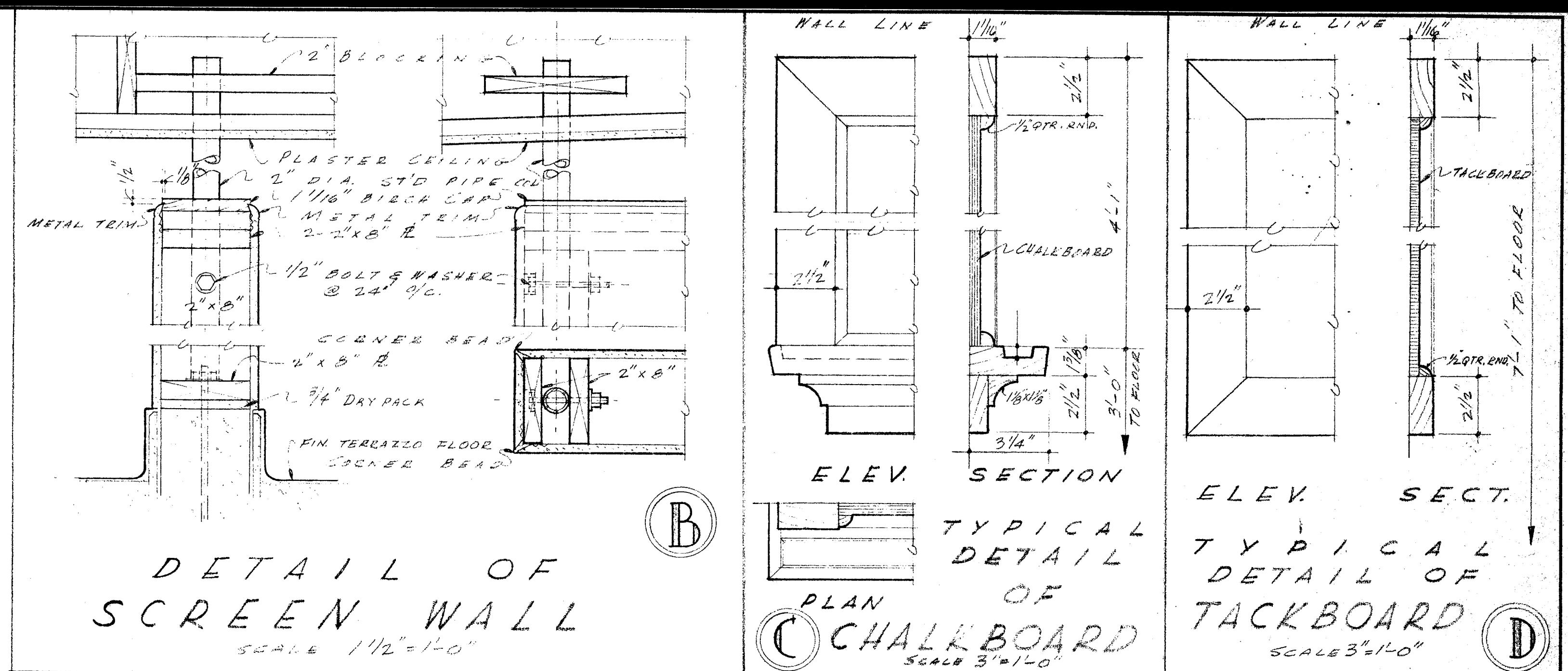
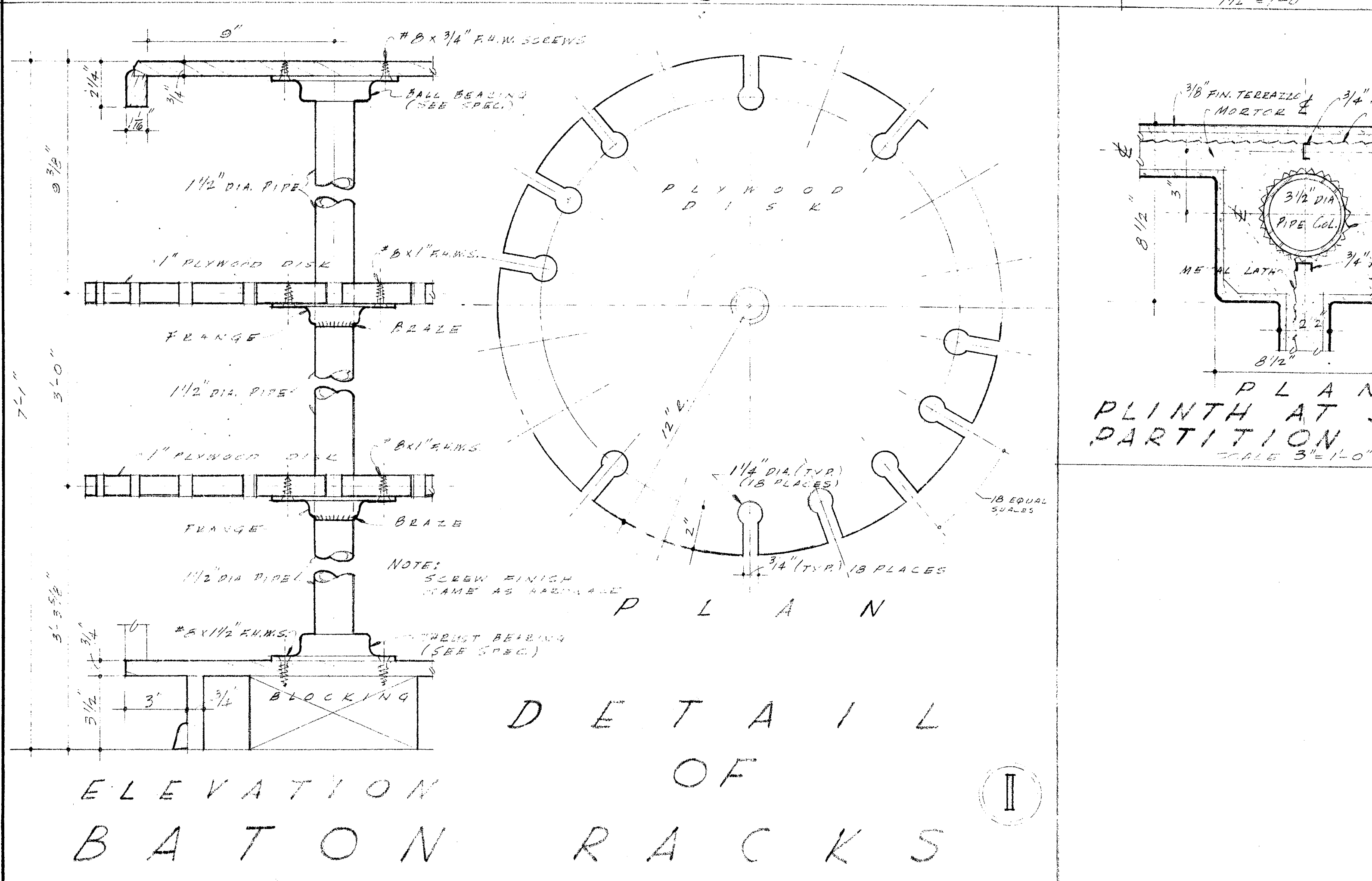
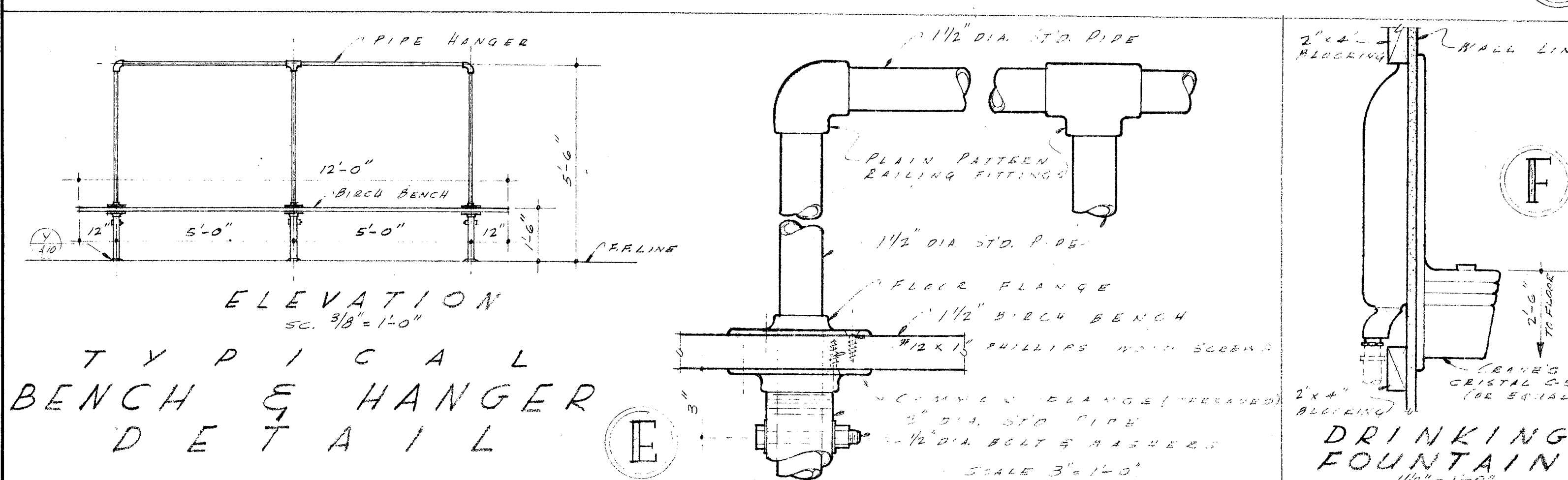






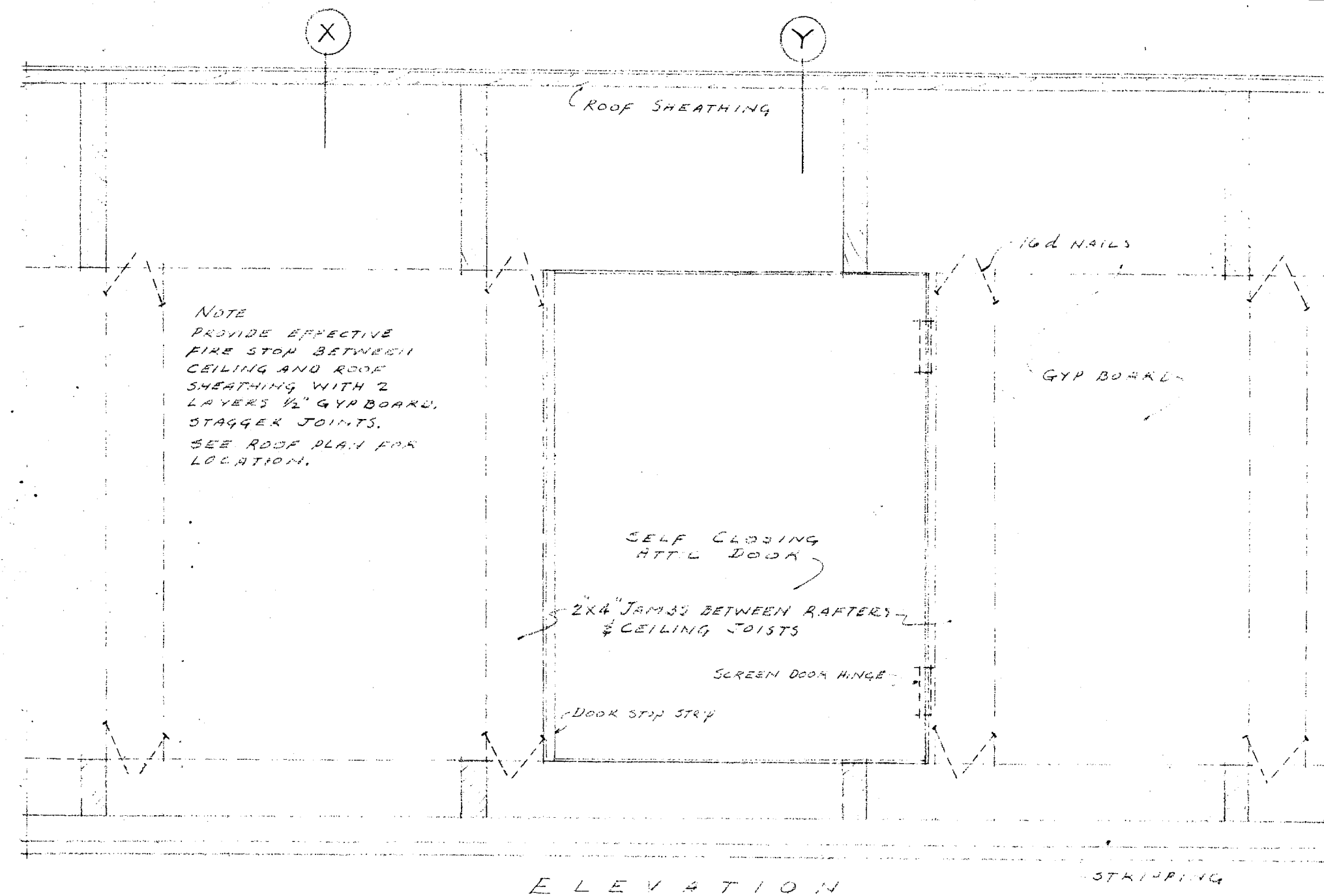




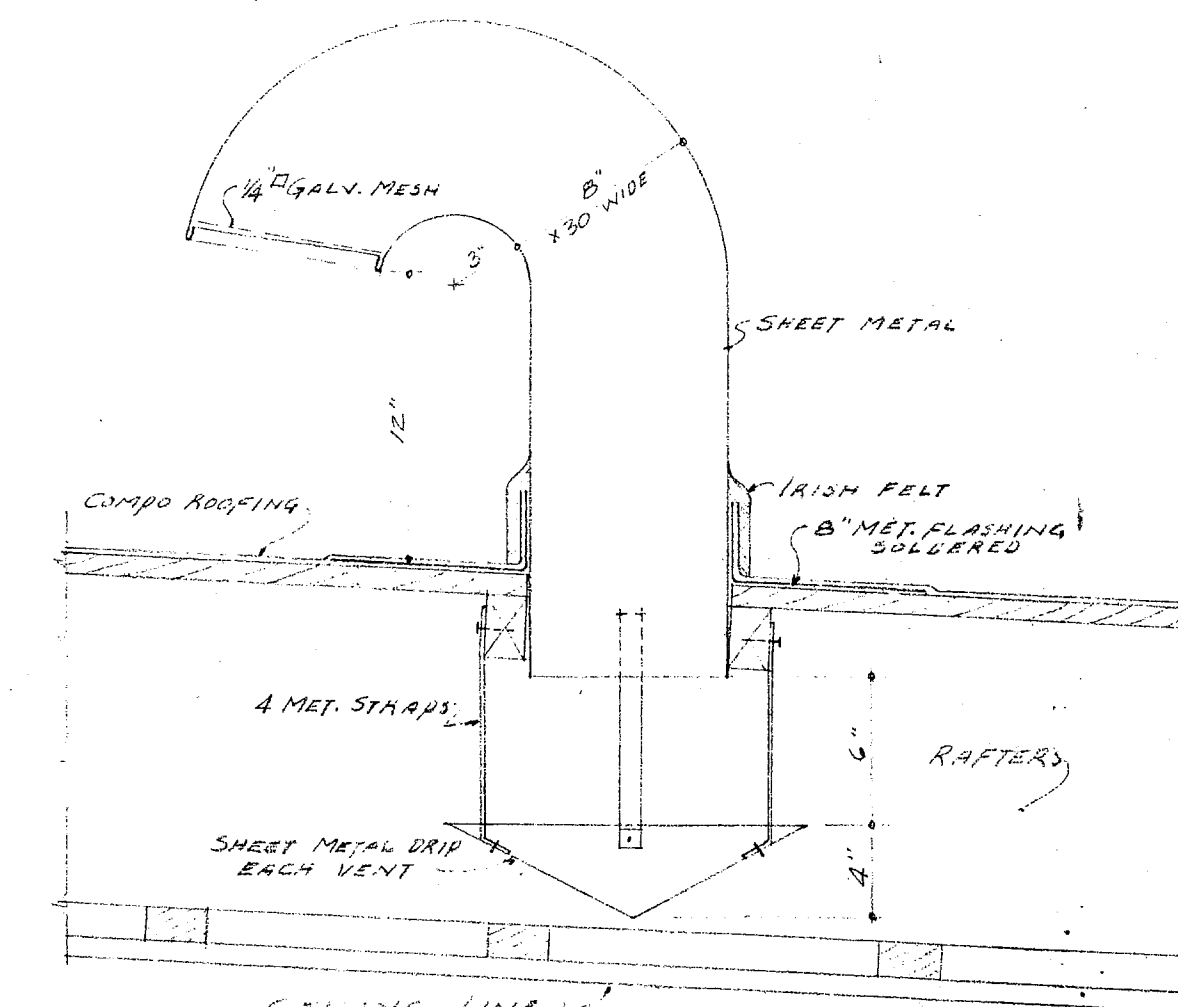
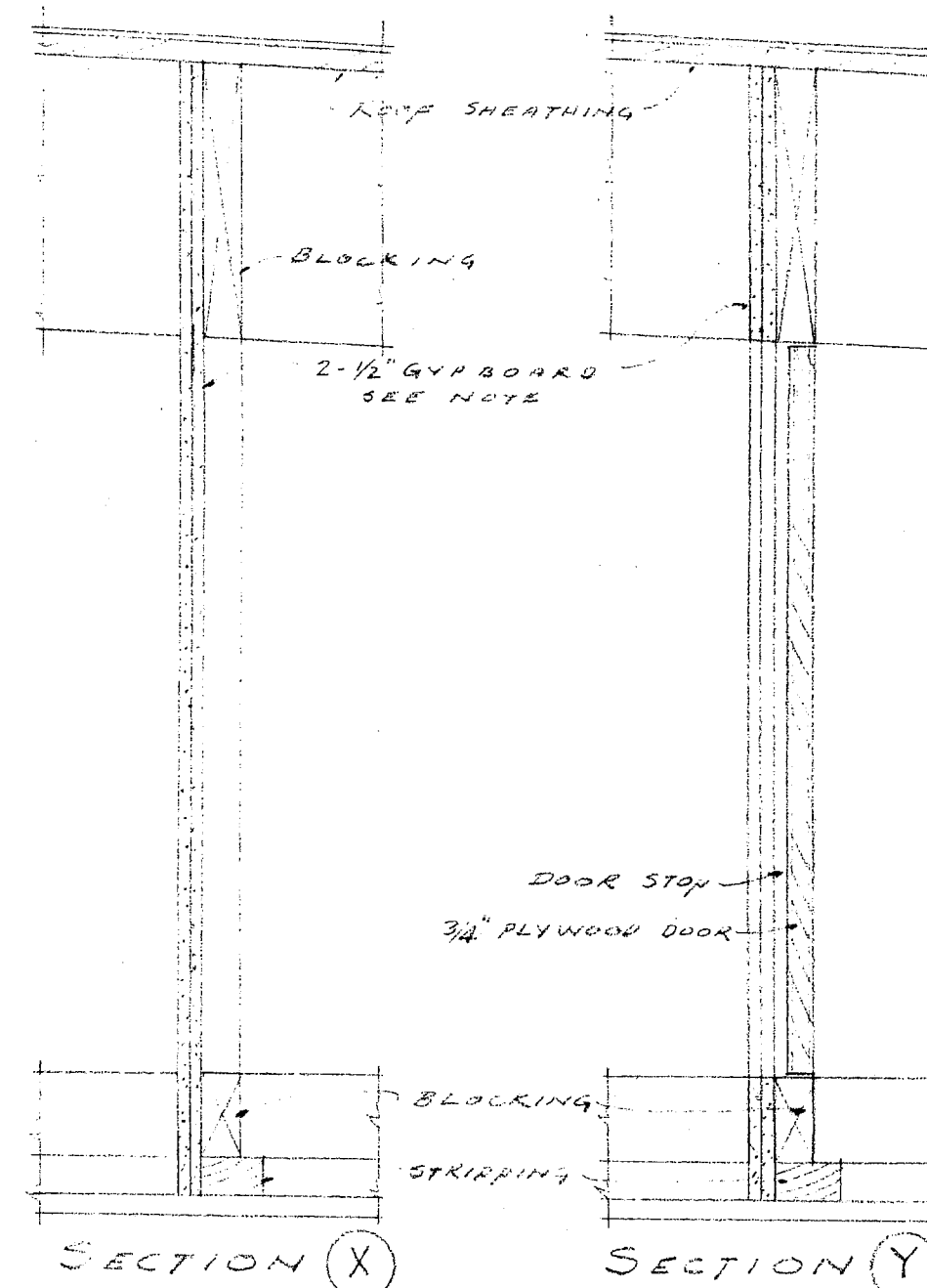


<p>APPROVED</p> <p>OFFICE OF THE SUPERINTENDENT OF SCHOOLS SAN DIEGO COUNTY</p> <p><i>John S. Carrall</i></p> <p>JOHN S. CARRALL Superintendent of Schools MAR 18 1949</p> <p>Dated: _____ Witness: _____</p>	<p>APPROVED</p> <p>By _____</p> <p>By _____</p> <p>By _____</p> <p>By _____</p> <p>By _____</p> <p>MEMBERS OF GOVERNING BOARD GROSSMONT UNION HIGH SCHOOL DIST.</p>	<p>STATE OF CALIFORNIA - DEPT. OF PUBLIC WORKS DIVISION OF ARCHITECTURE</p> <p>APPLICATION NO. <u>6586</u></p> <p>APPROVED <u>5-6-49</u></p> <p><i>Glas Peterson</i> SUPERVISING STRUCTURAL ENGINEER</p> <p><i>Rob. Co. Steiner</i> ARCHITECT</p> <p>STRUCTURAL ENGINEER</p>	<p>CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB</p> <p>MISC. DETAILS</p> <p>GIRLS PHYSICAL EDUC. BLDG. FOR GROSSMONT UNION HIGH SCHOOL DIST. SAN DIEGO COUNTY CALIF.</p> <p>KISTNER, CURTIS &amp; WRIGHT ARCHITECTS AND ENGINEERS LOS ANGELES, CALIF. SAN DIEGO, CALIF.</p> <p>DATE <u>MAR 1949</u></p> <p>DR. BY <u>W.C.H.</u></p> <p>CHECKED BY _____</p> <p>SHEET NO. <u>22</u> OF <u>23</u></p> <p>JOB NO. <u>22</u></p>
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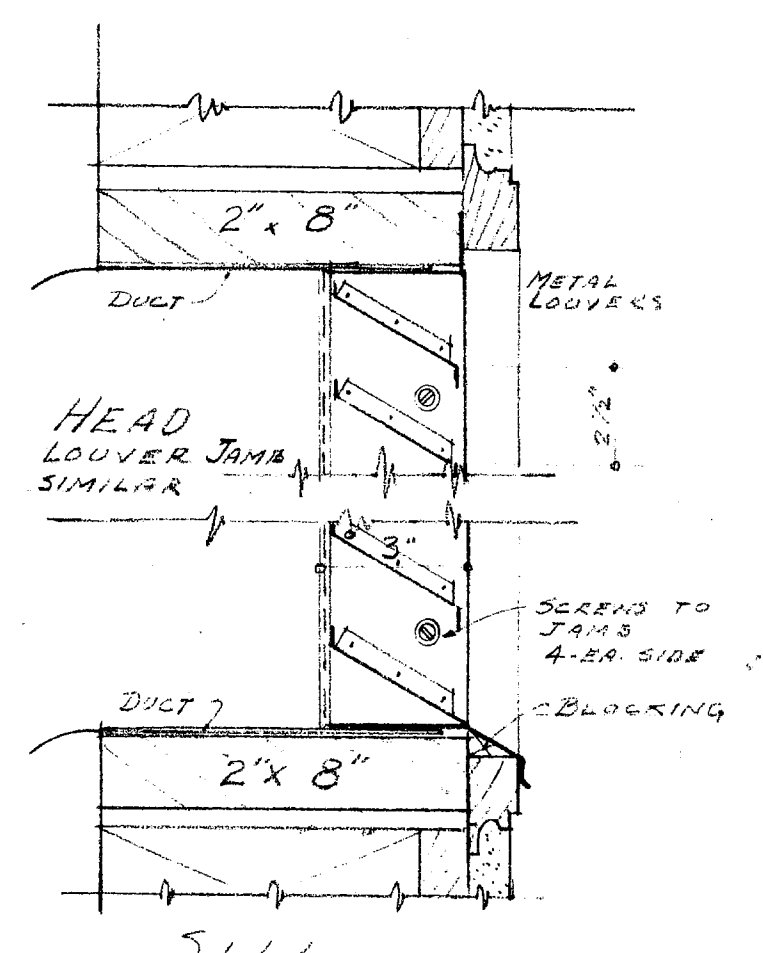




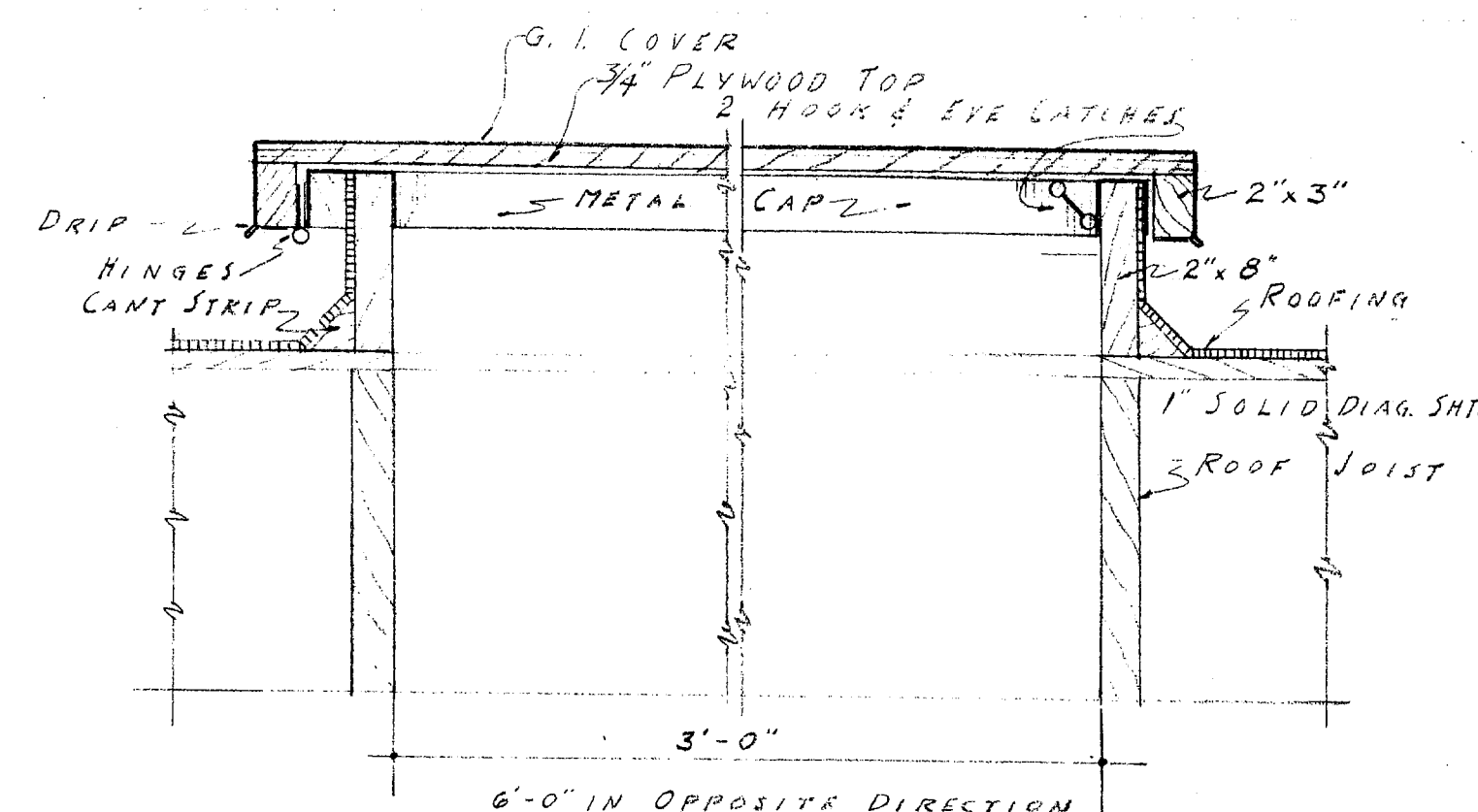
ATTIC FIRE DOOR DETAIL  
SCALE: 1/2" = 1'-0"



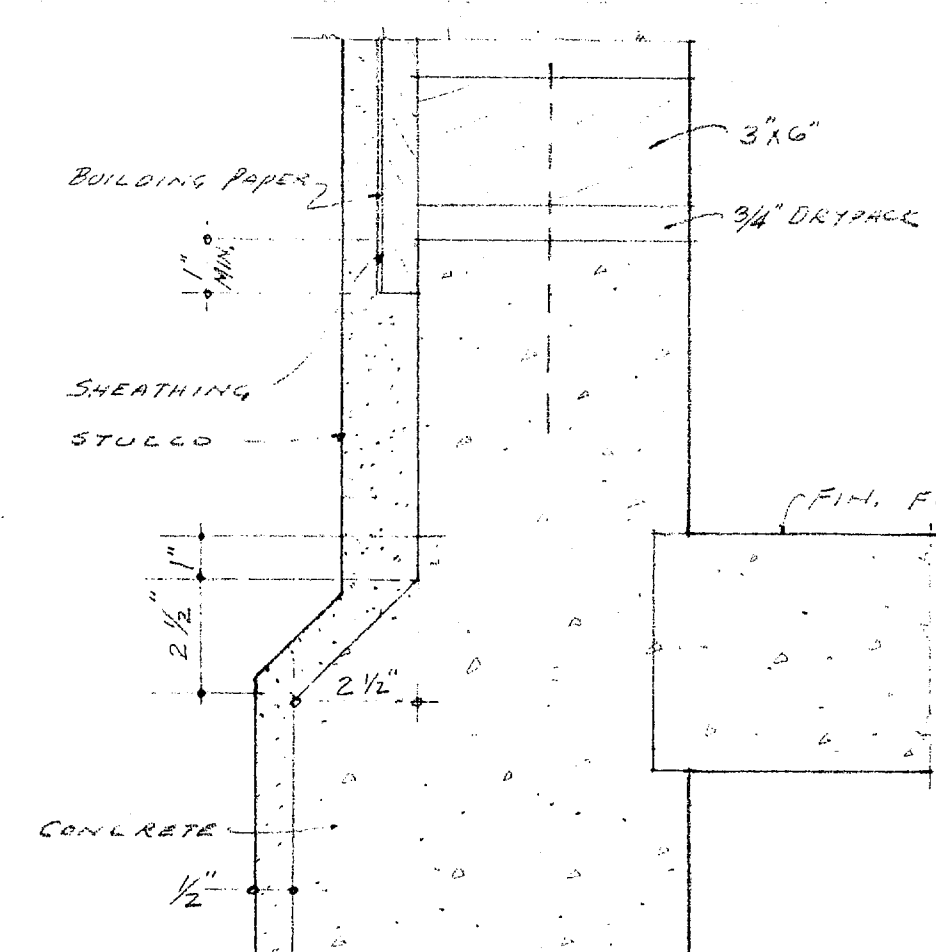
DETAIL OF ROOF VENT  
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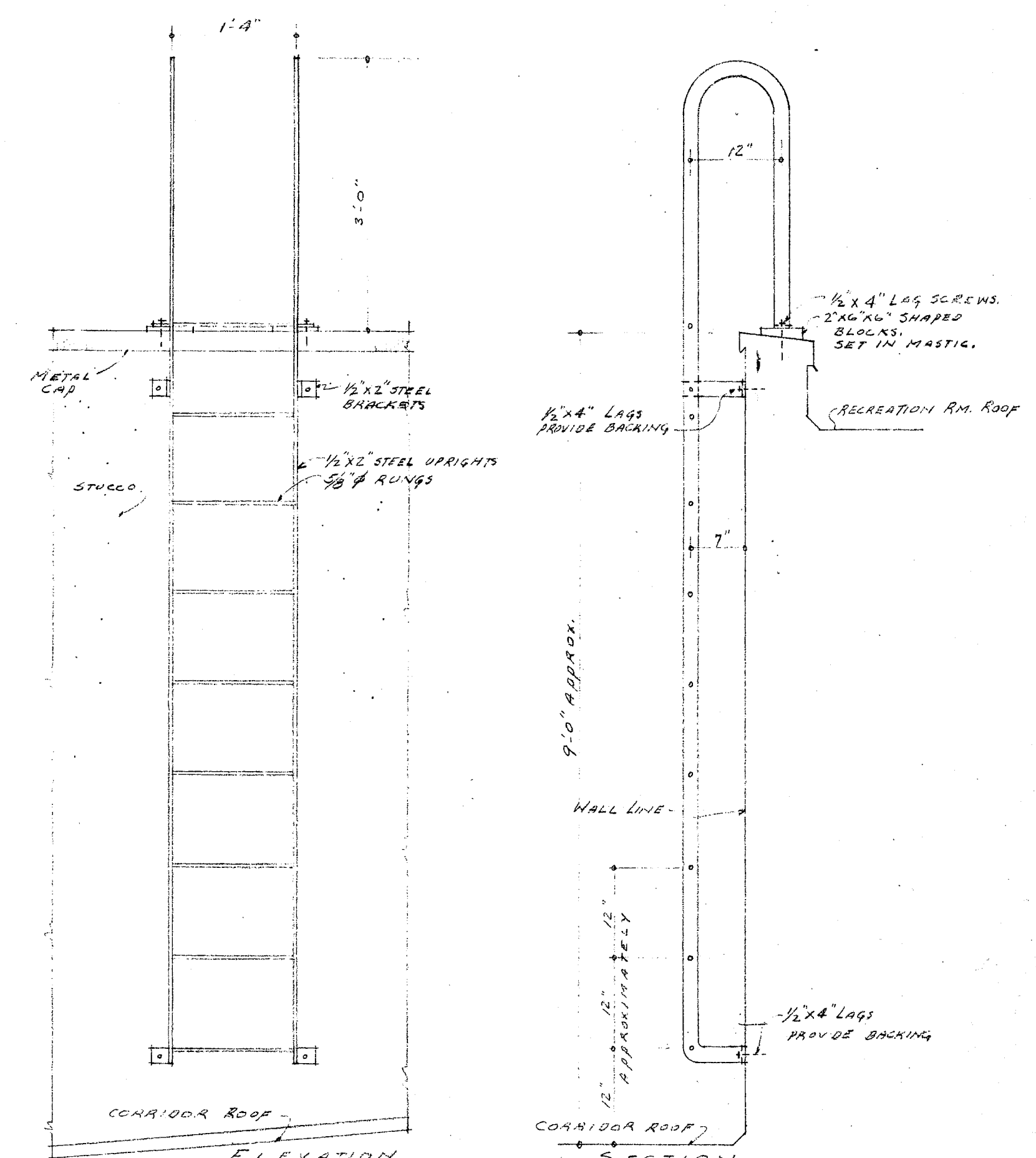
DET. FRESH AIR INTAKE  
LOUVER RECREATION RM.  
SCALE: 3/4" = 1'-0"



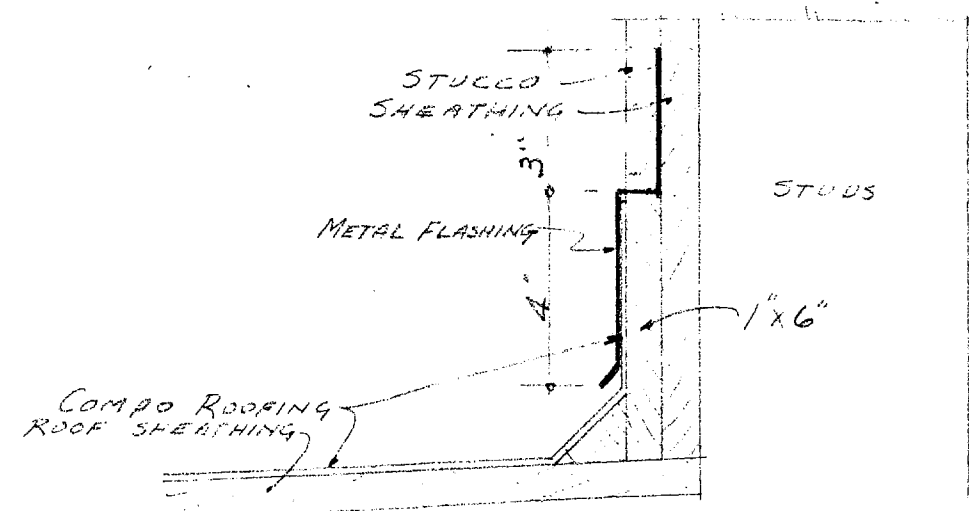
DETAIL - ROOF ACCESS SCUTTLE  
SCALE: 3/4" = 1'-0"



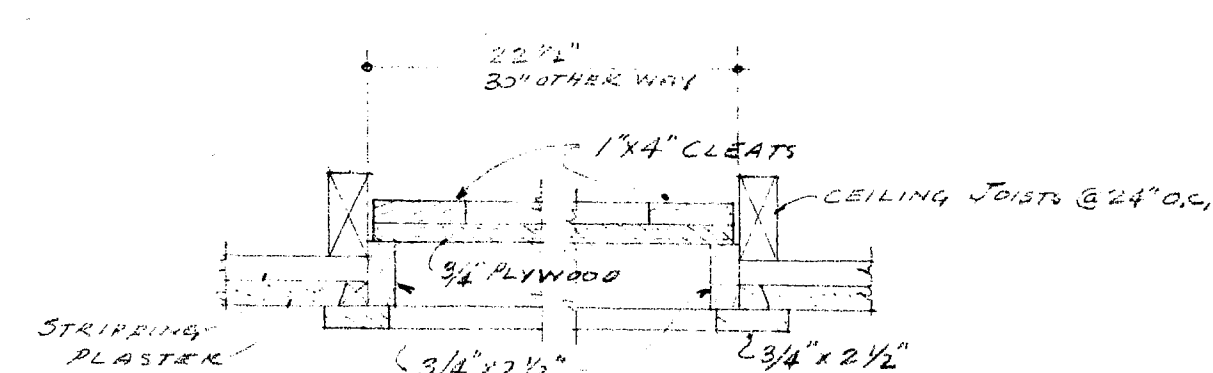
WATER TABLE DETAIL  
SCALE: 3/4" = 1'-0"



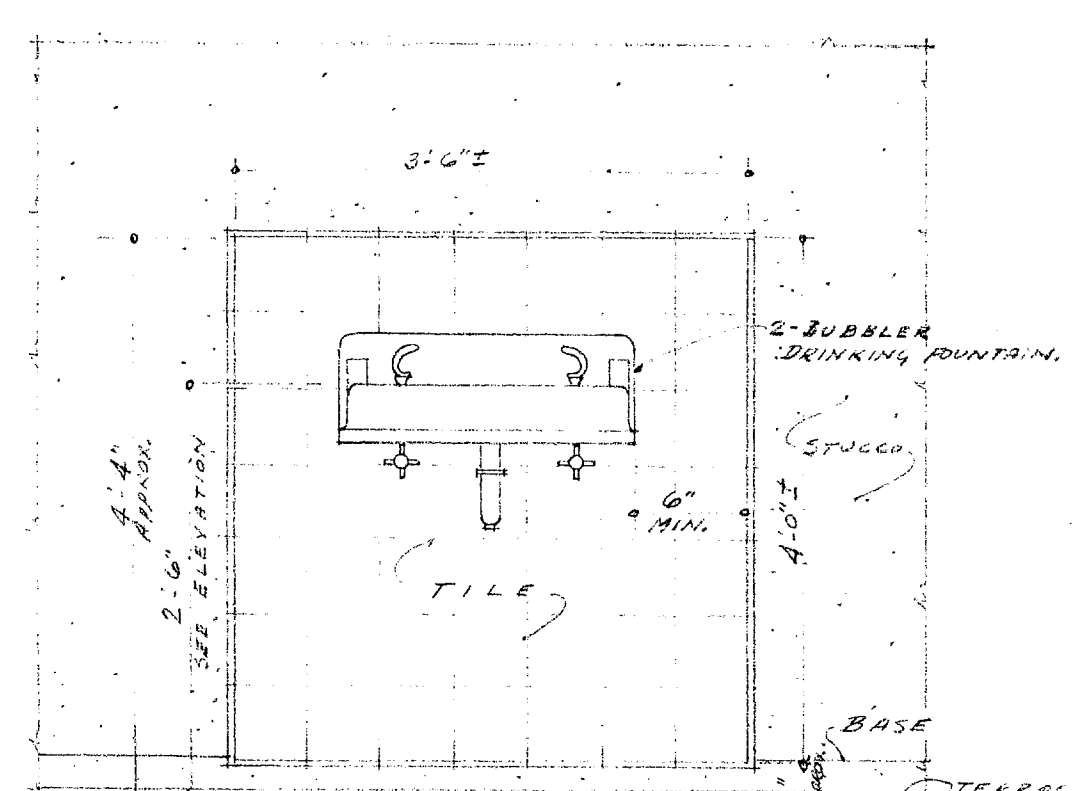
LADDER FROM CORRIDOR ROOF  
TO RECREATION ROOM ROOF  
SCALE: 3/4" = 1'-0"



TYPICAL METAL FLASHING DET.  
SCALE: 3/4" = 1'-0"



DETAIL ACCESS DOOR  
SCALE: 1/2" = 1'-0"



DRINKING FOUNTAIN SPLASH  
SCALE: 3/4" = 1'-0"

APPROVED  
OFFICE OF THE SUPERINTENDENT OF SCHOOLS  
SAN DIEGO COUNTY  
MAR 18 1949

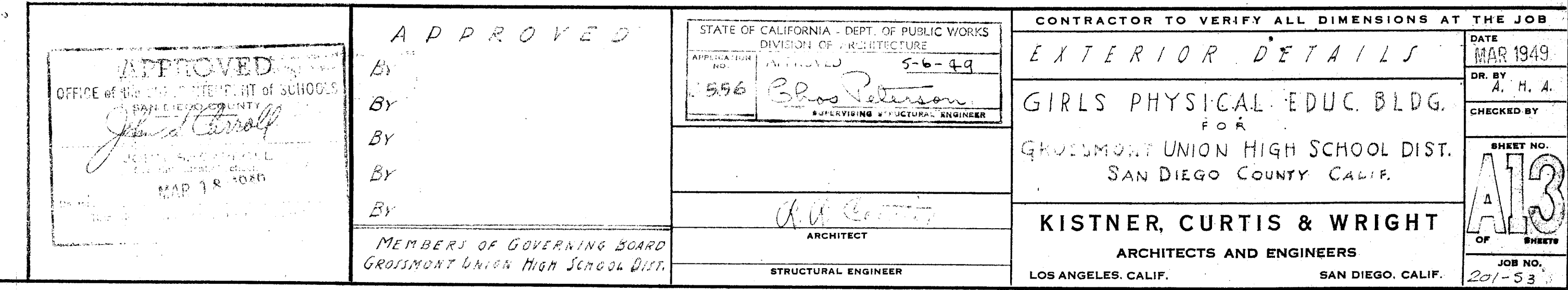
APPROVED  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
MEMBERS OF GOVERNING BOARD  
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Gloss Peterson  
SUPERVISING STRUCTURAL ENGINEER

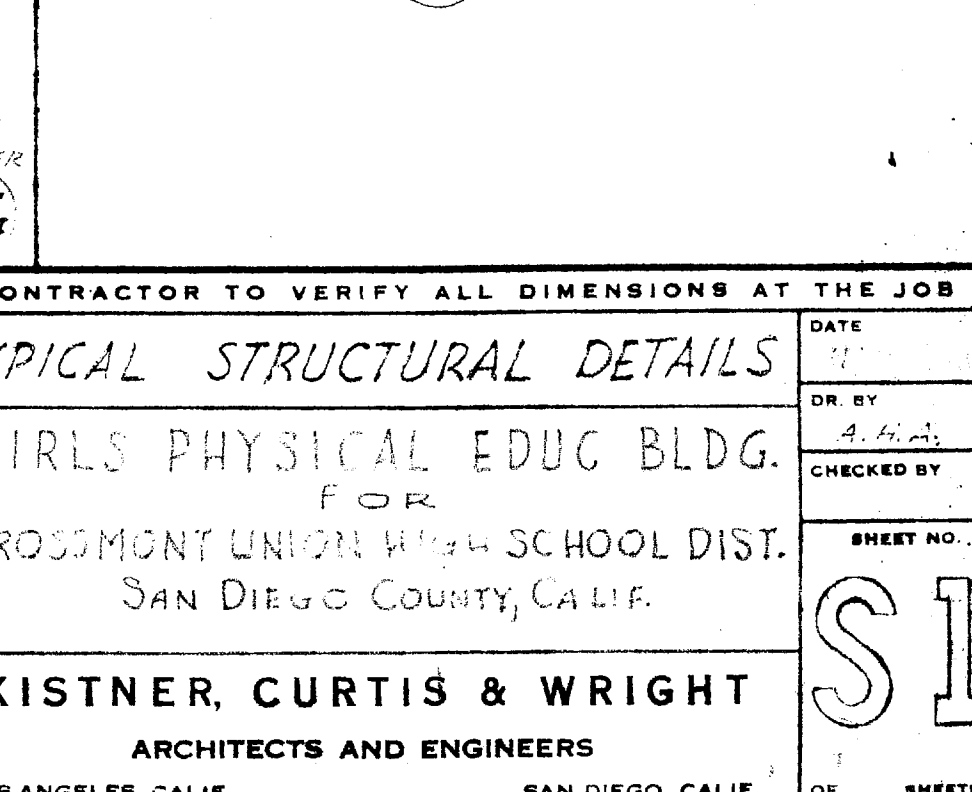
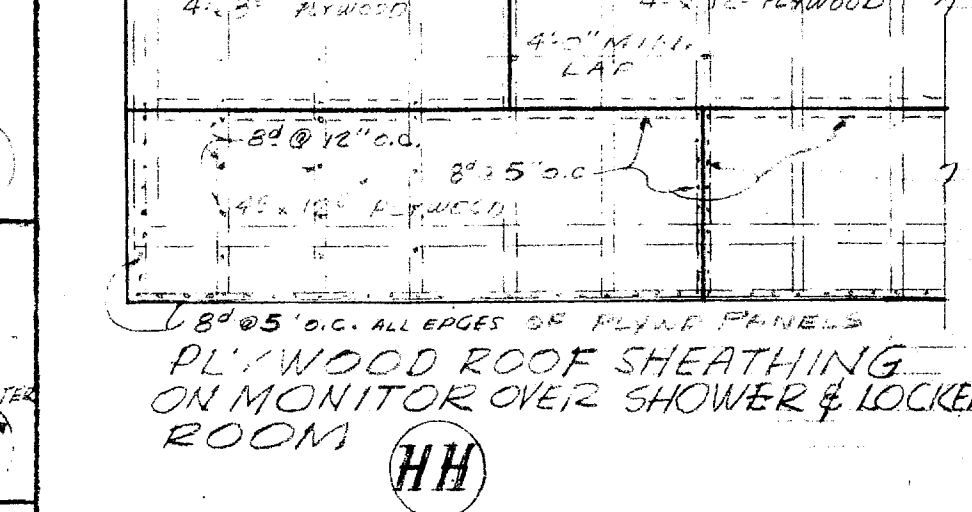
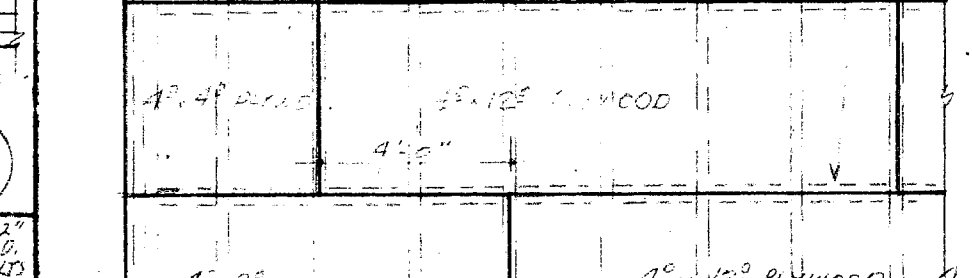
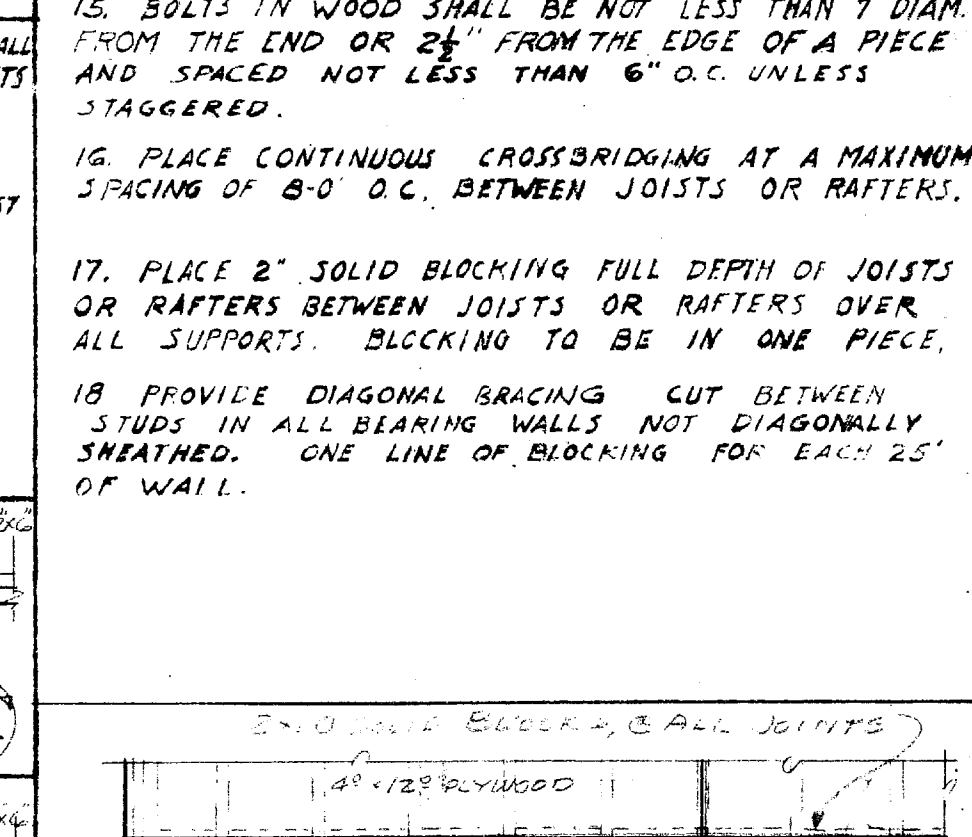
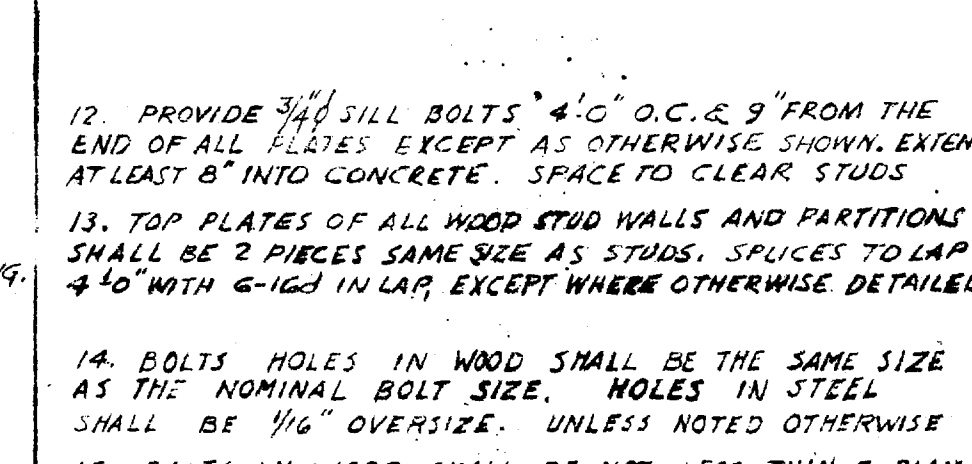
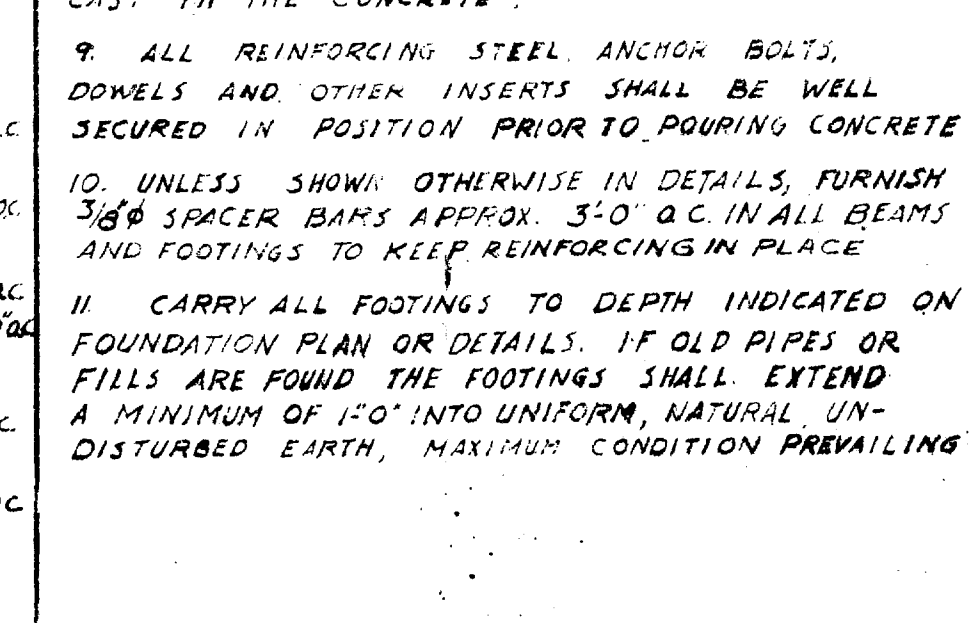
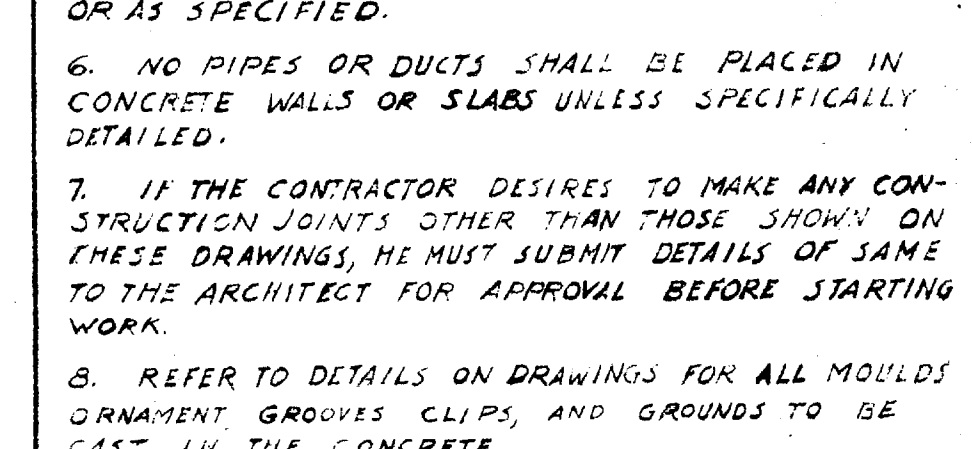
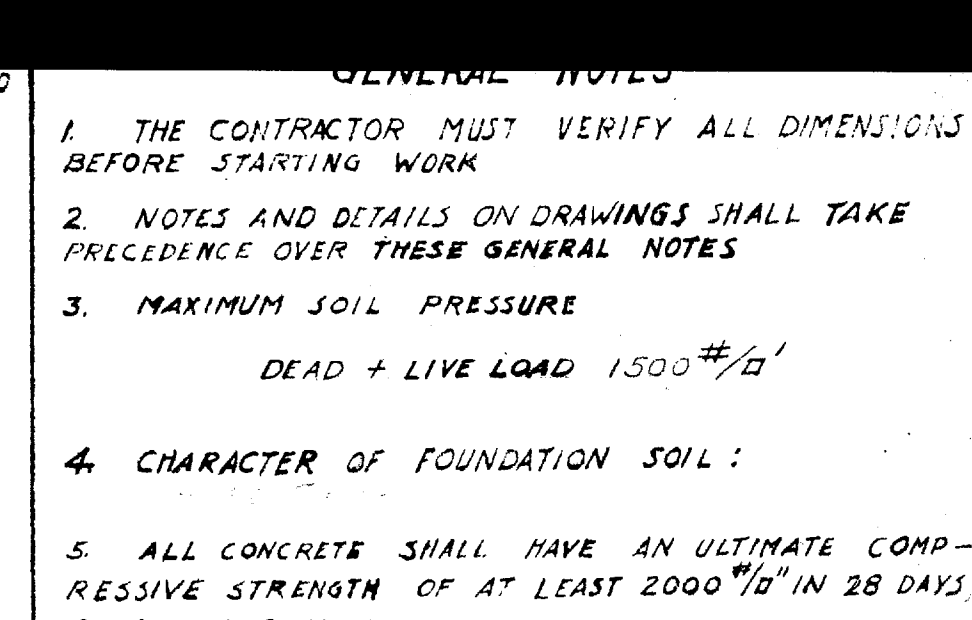
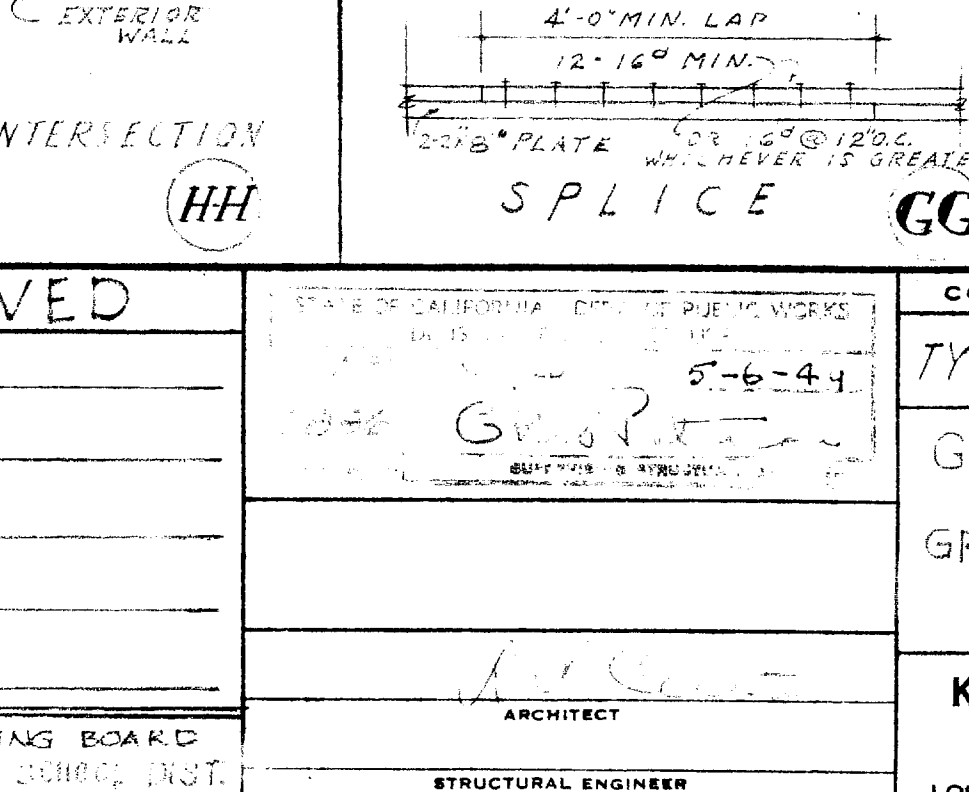
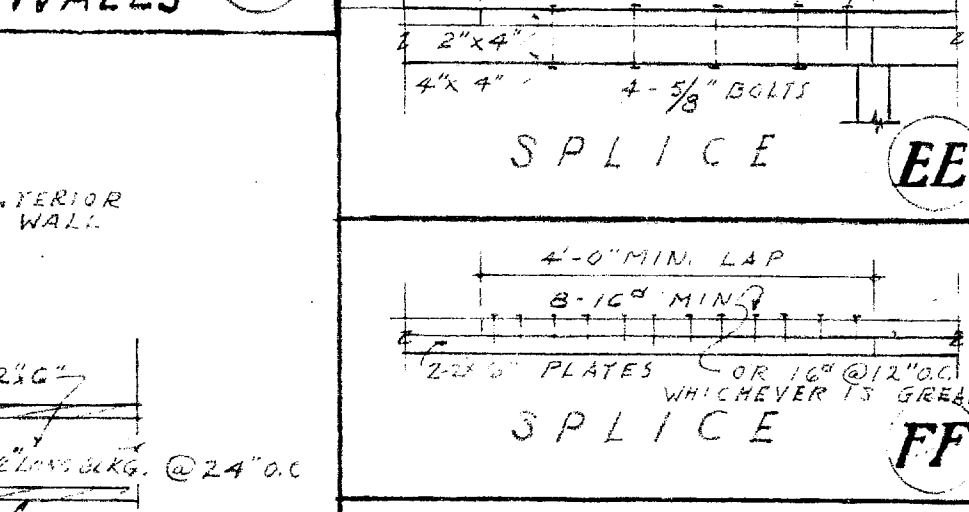
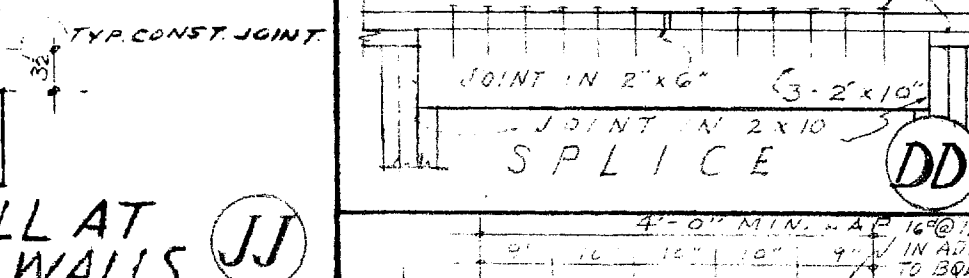
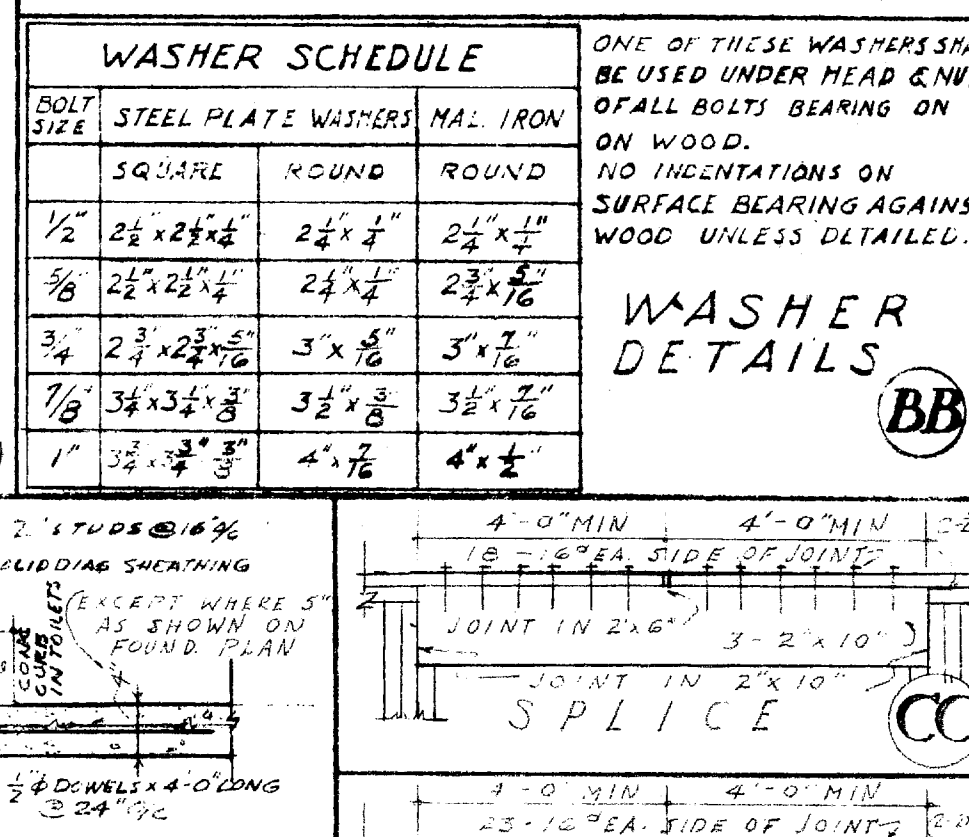
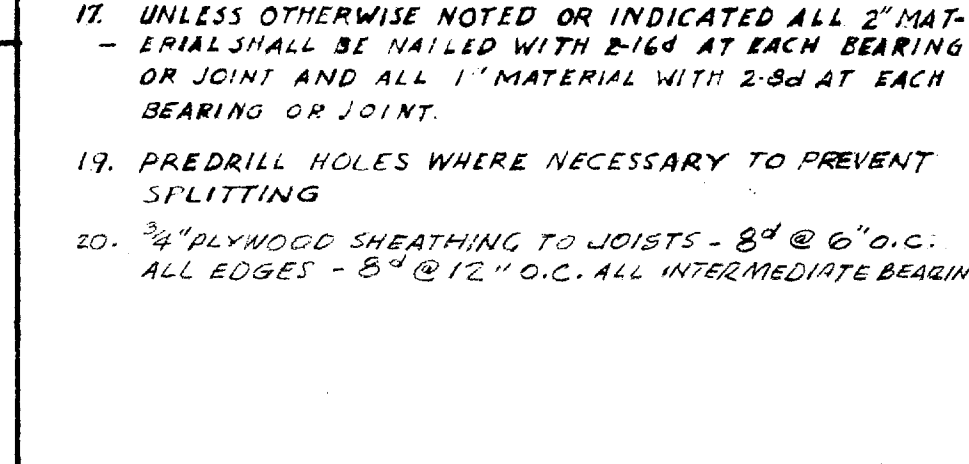
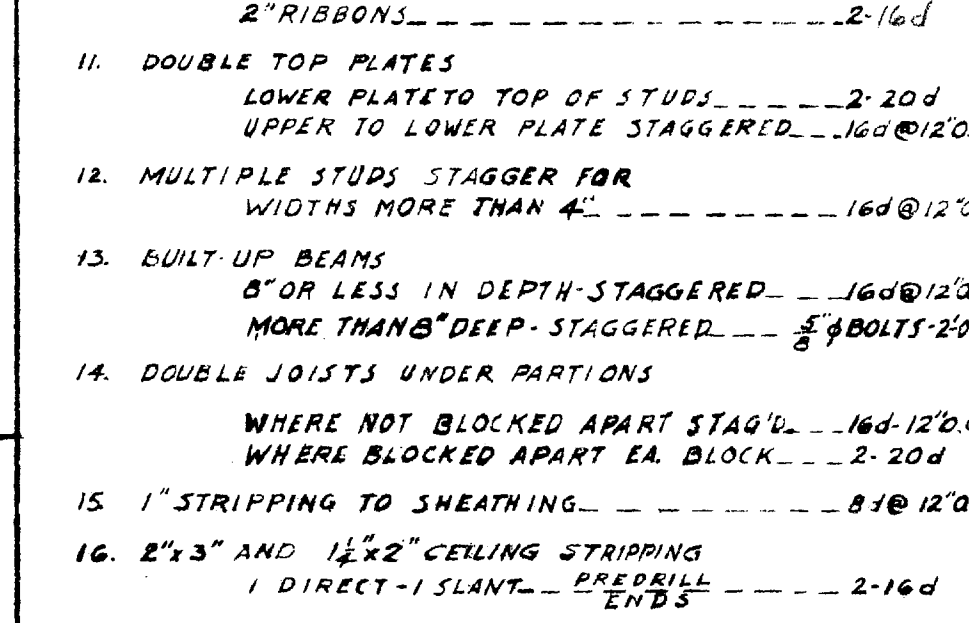
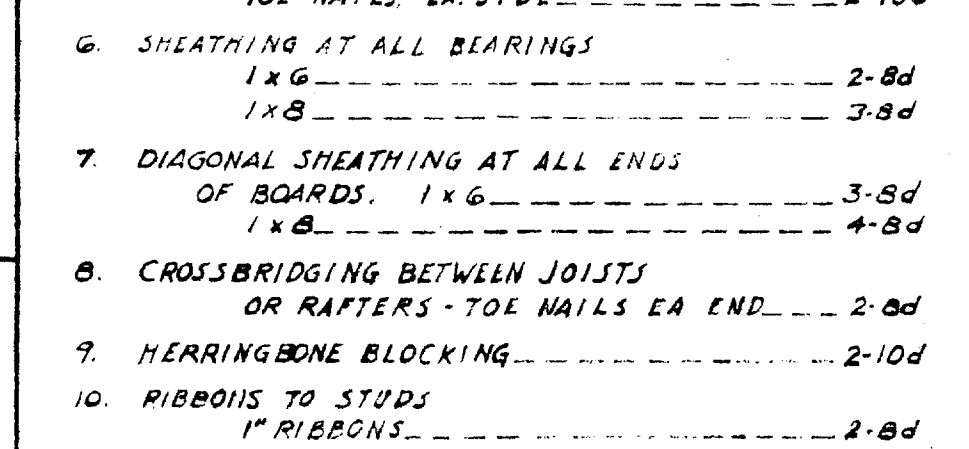
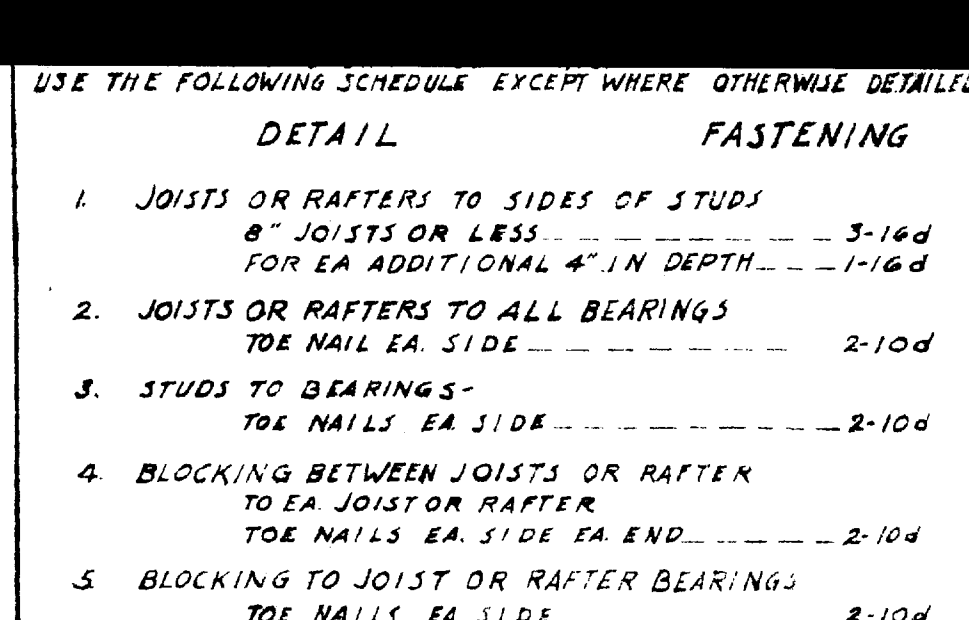
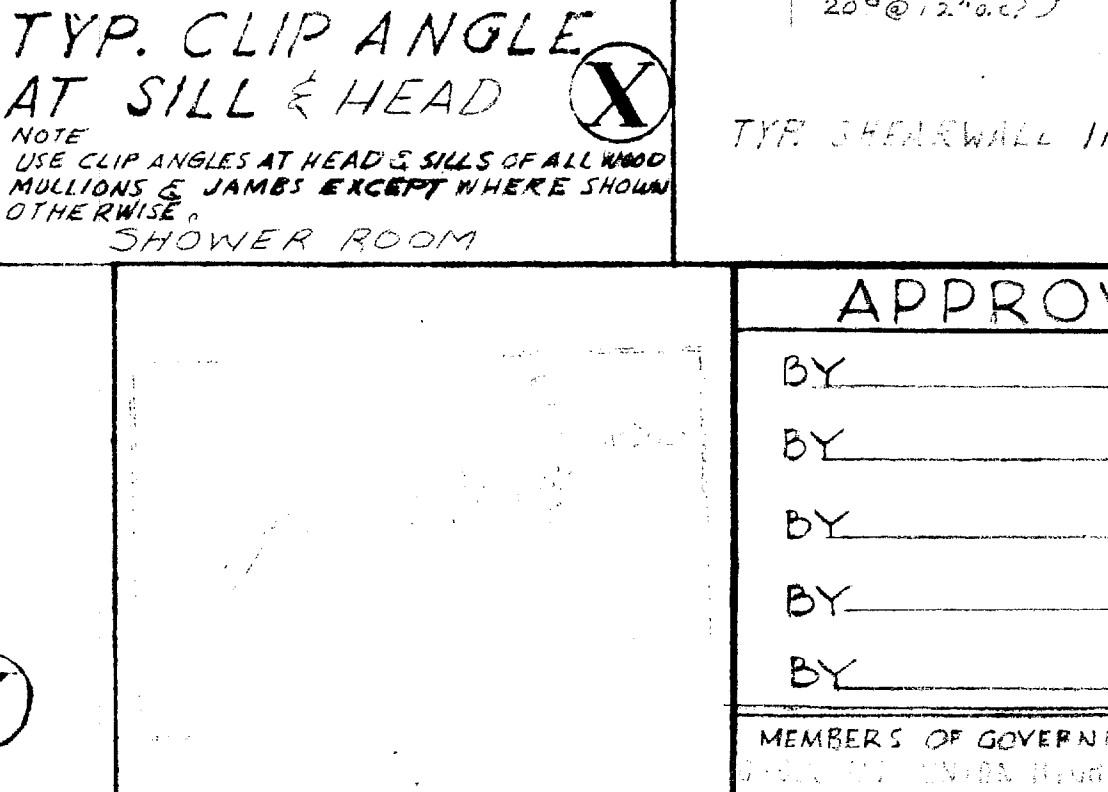
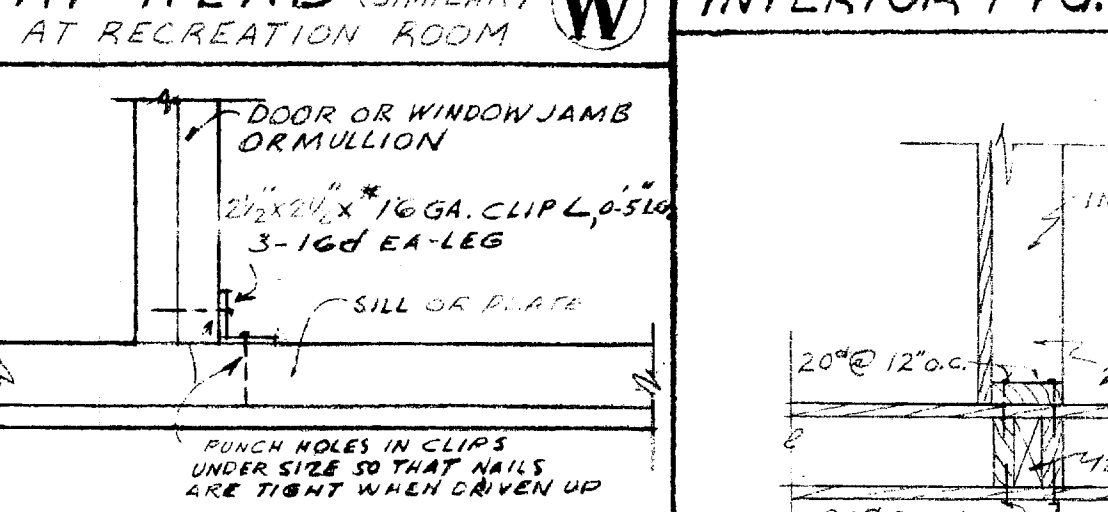
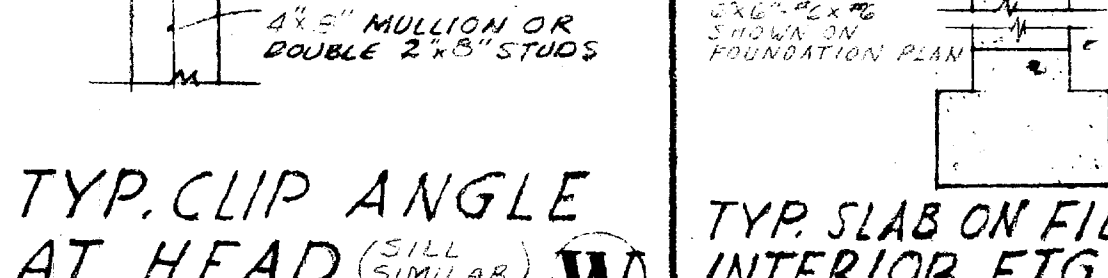
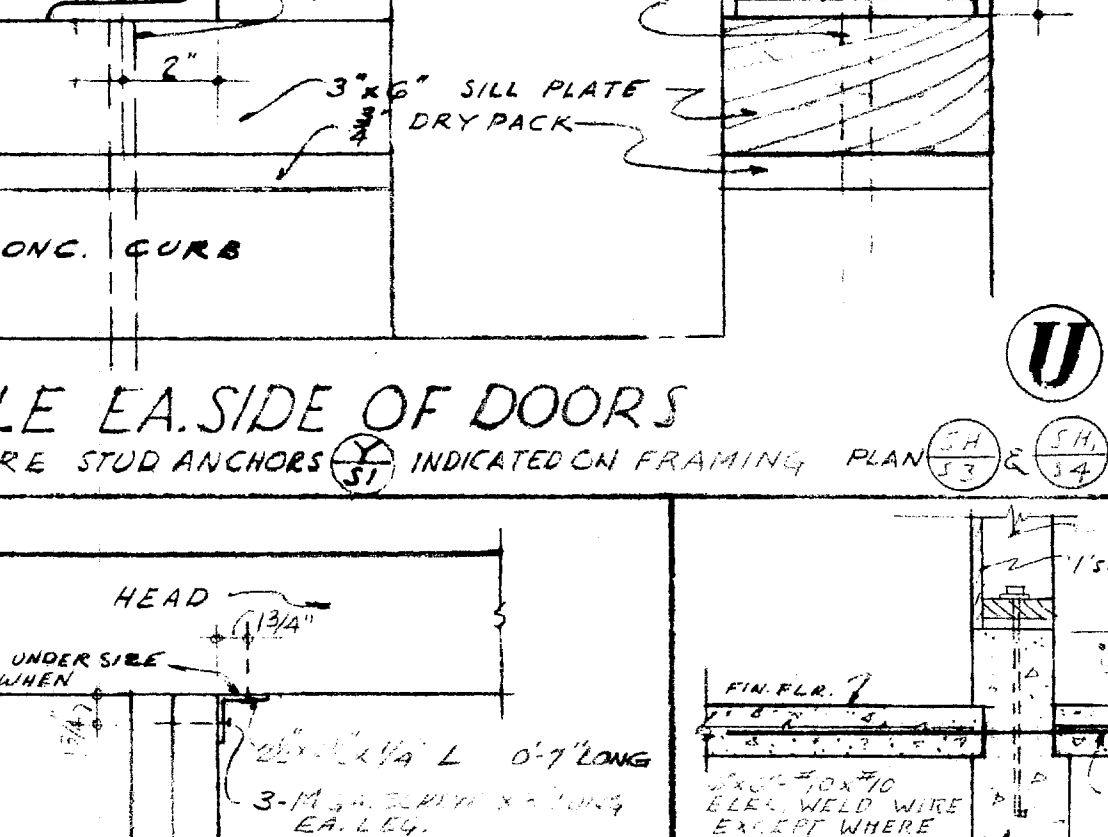
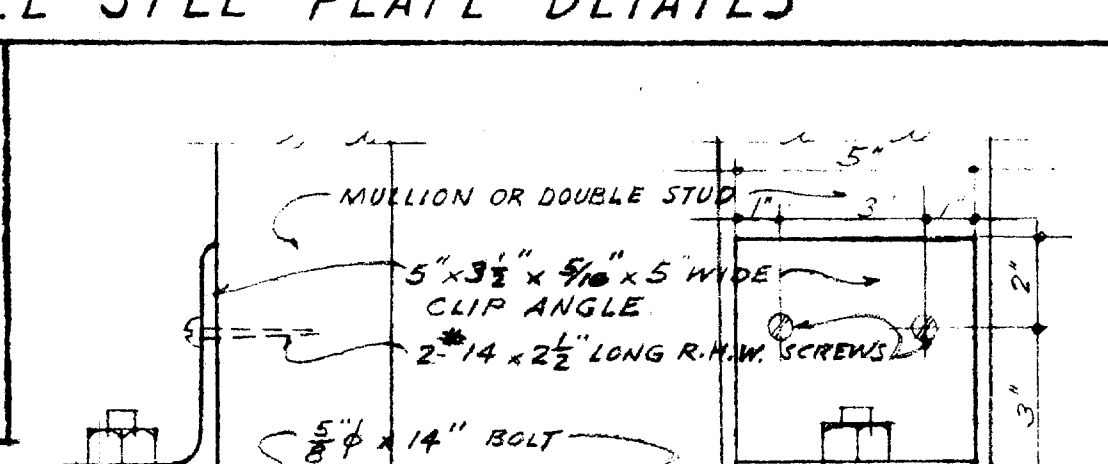
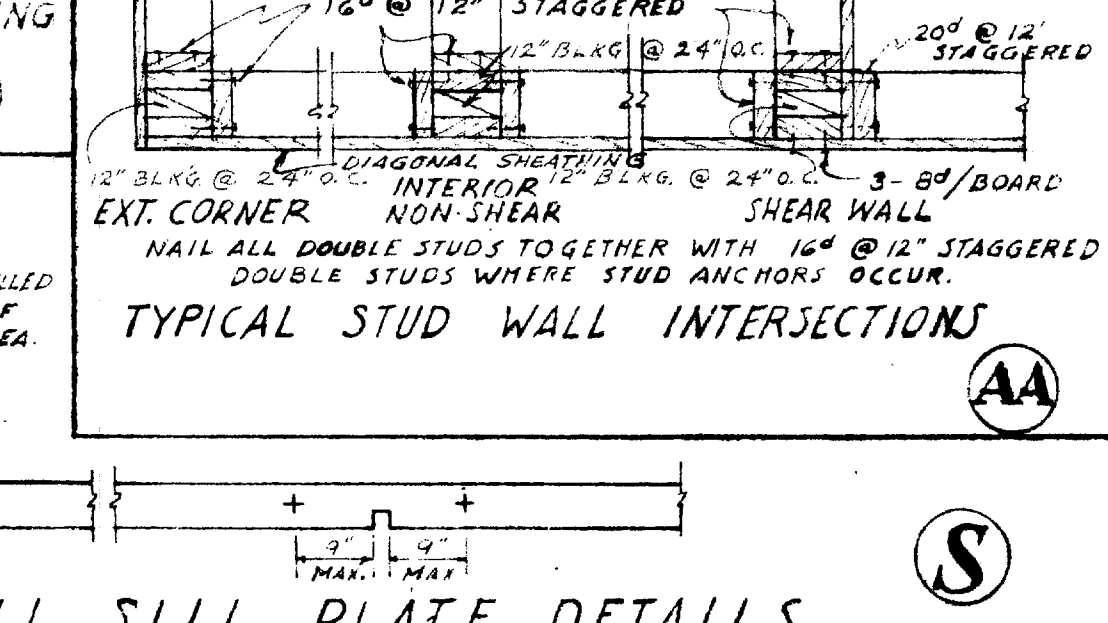
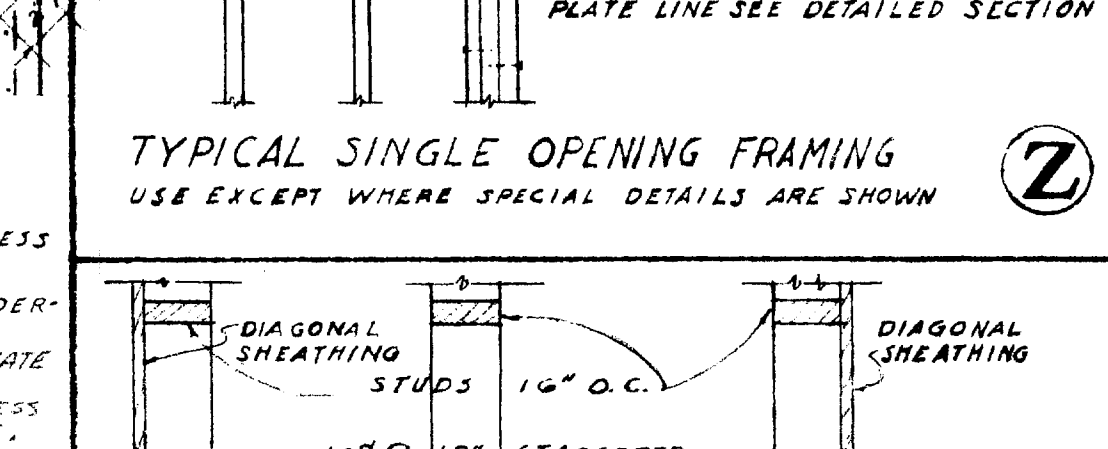
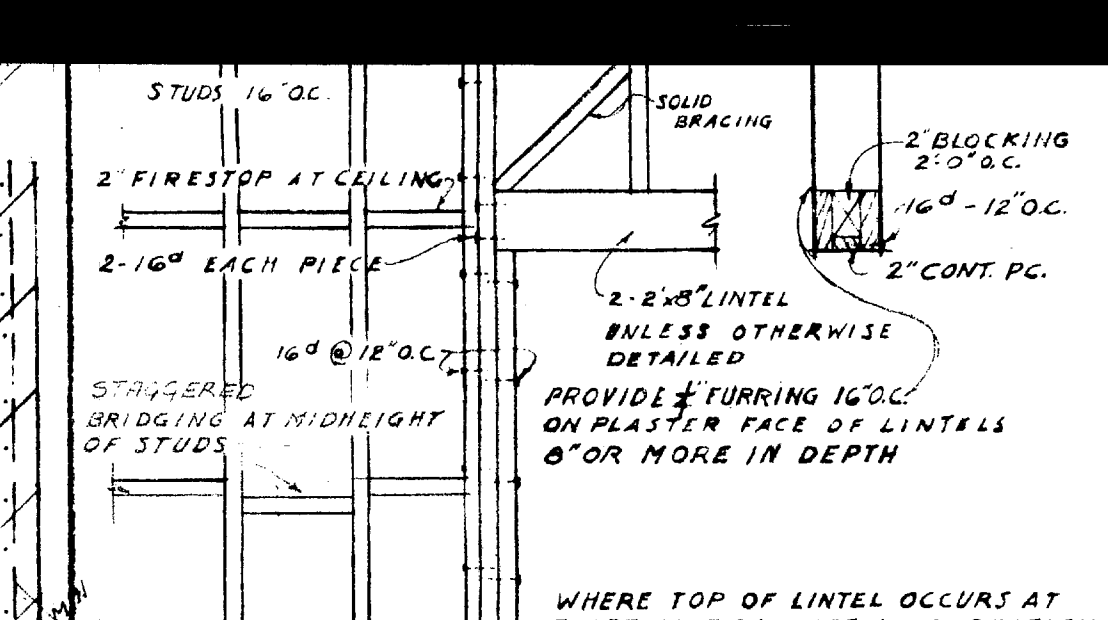
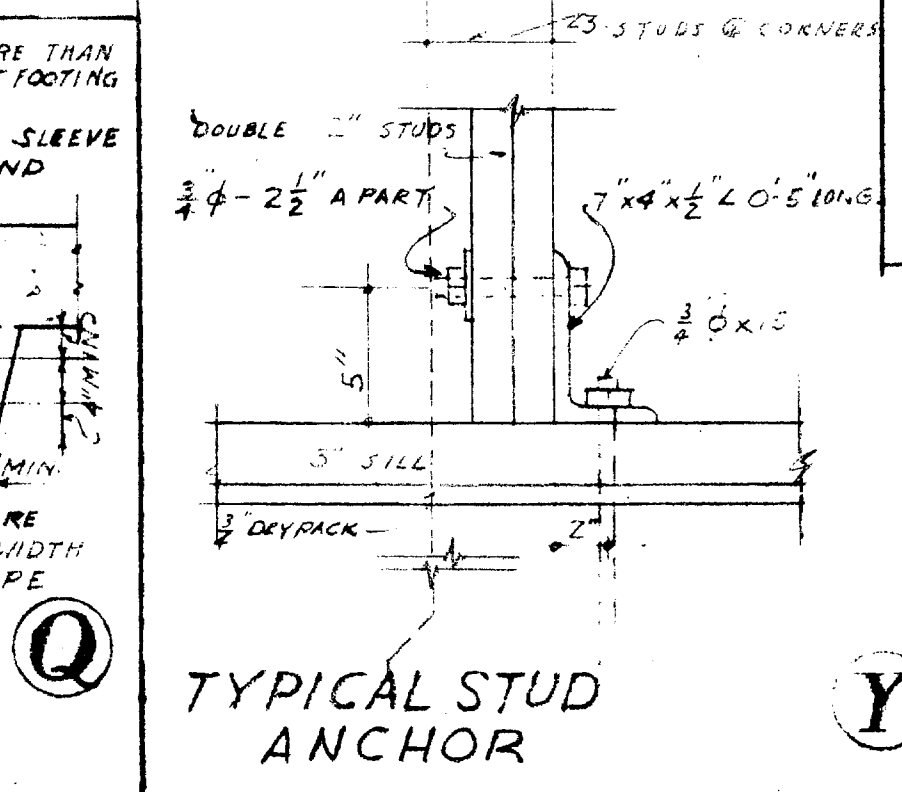
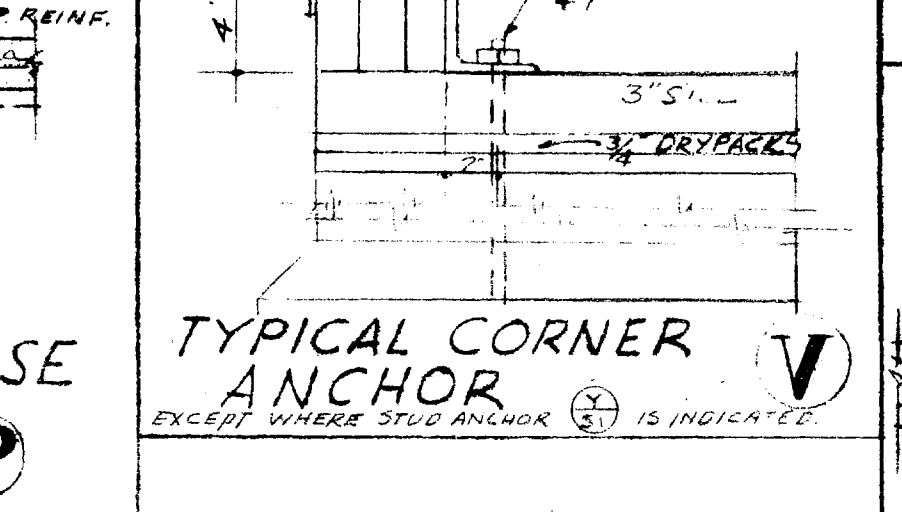
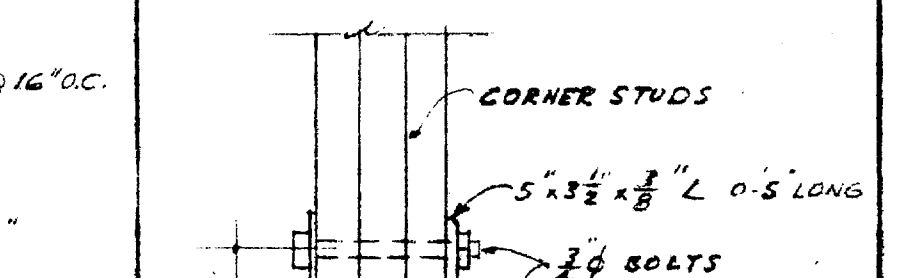
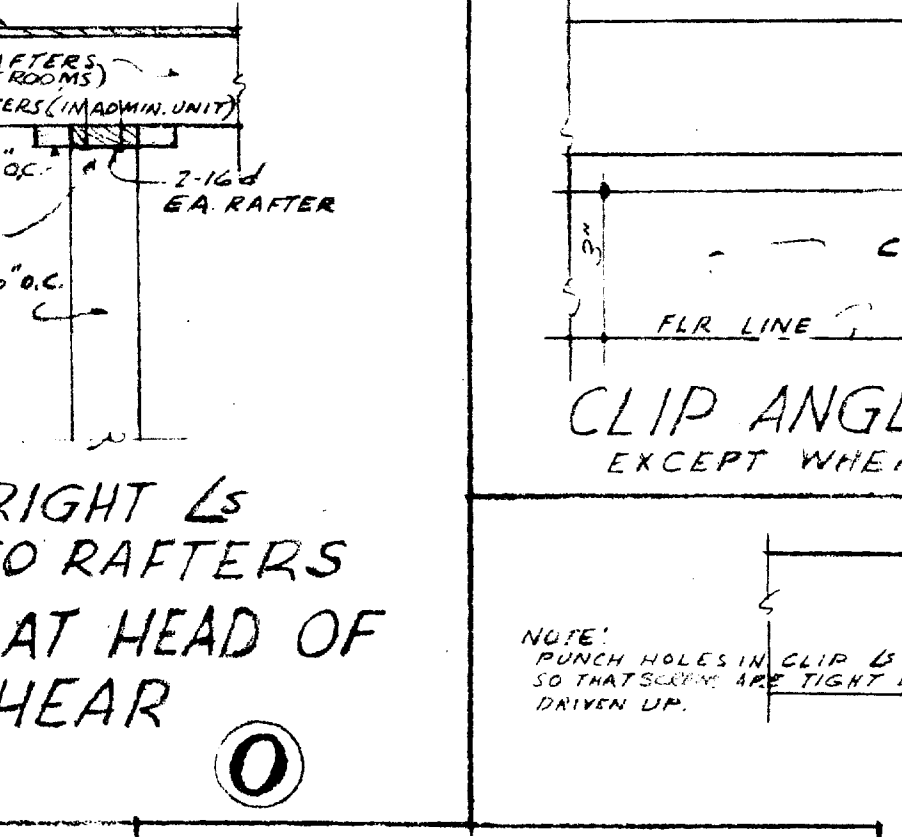
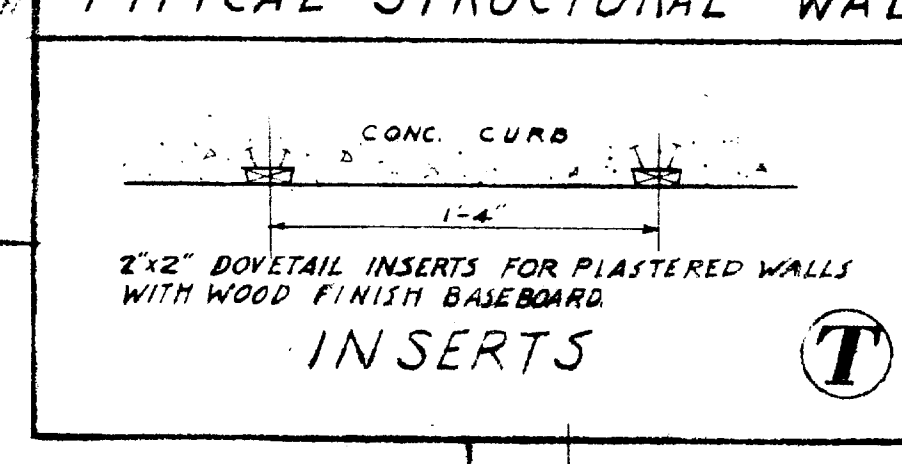
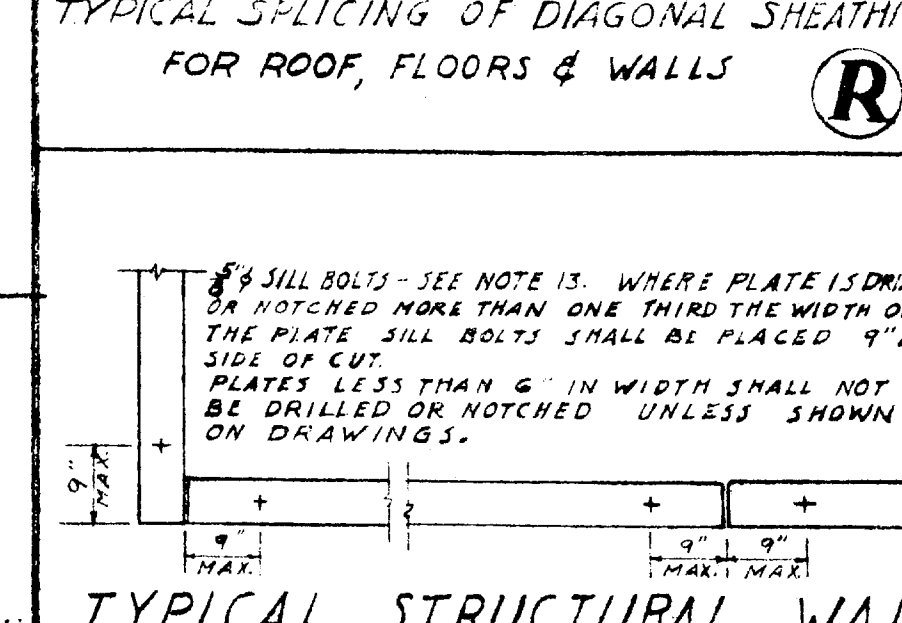
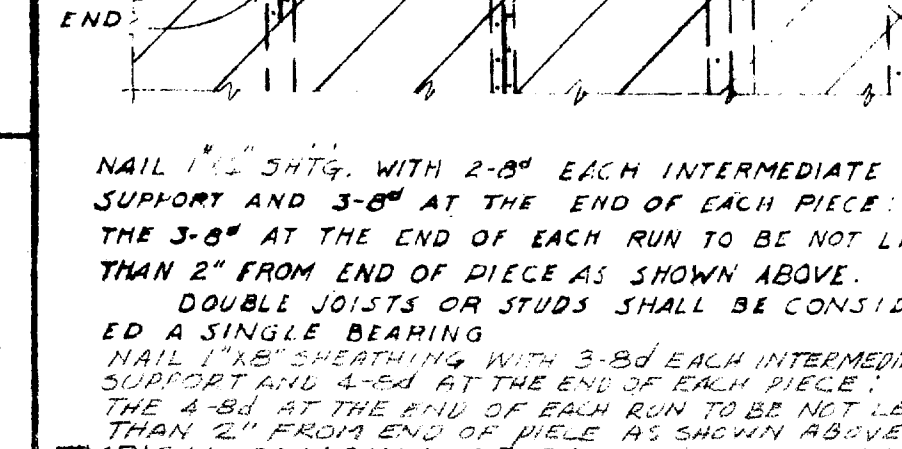
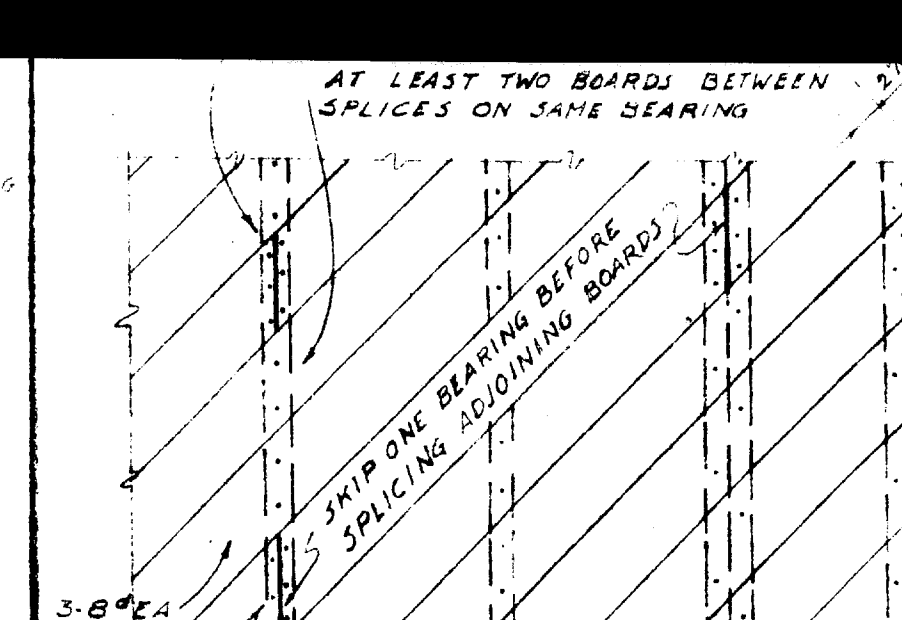
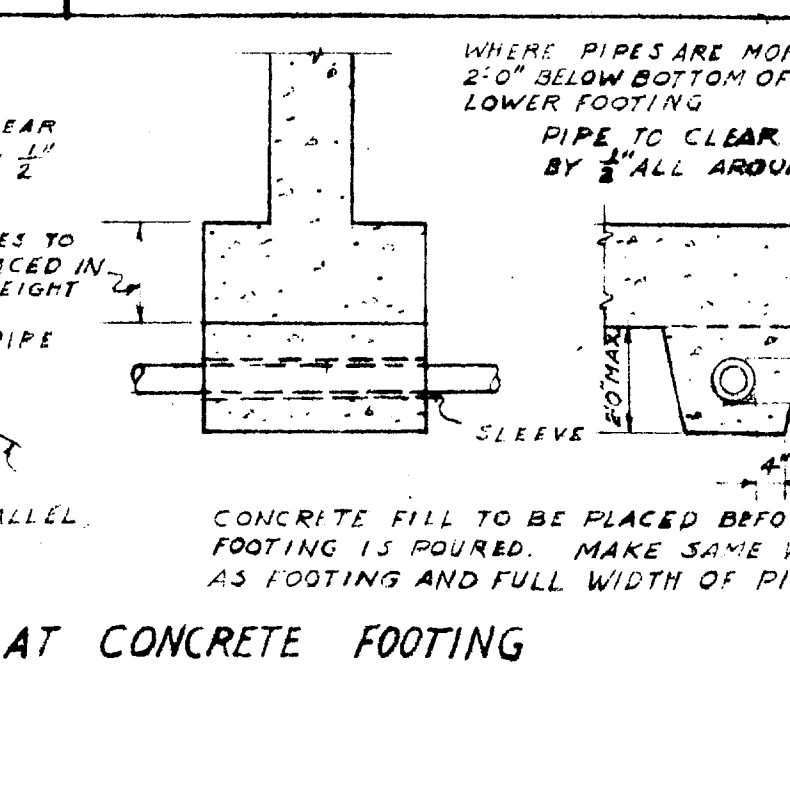
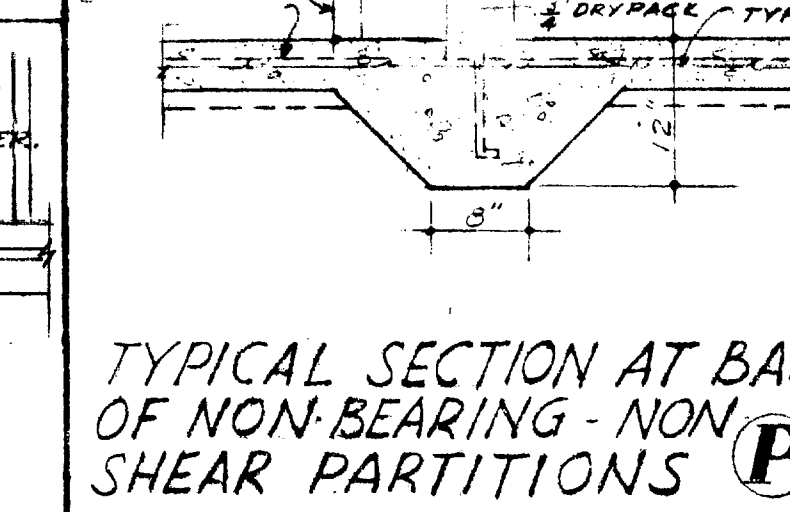
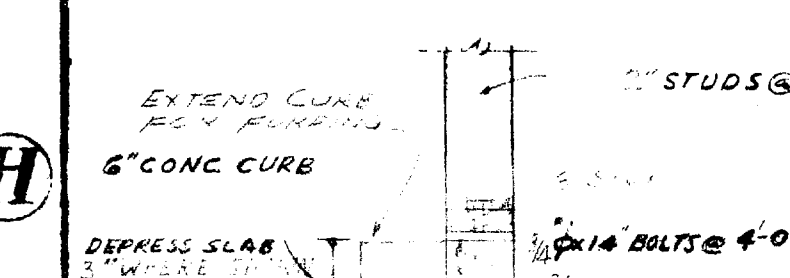
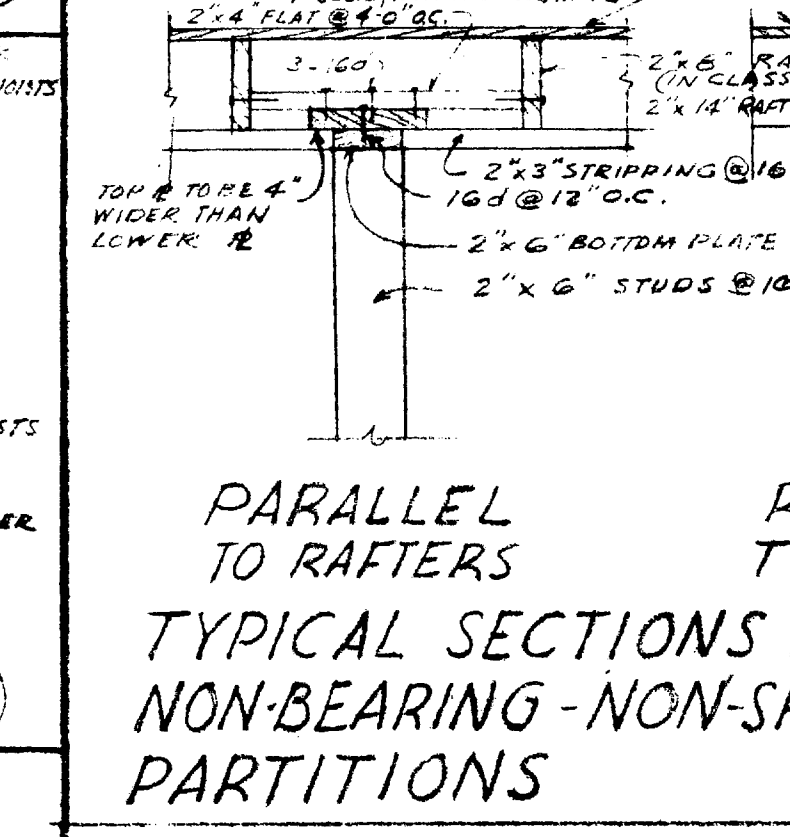
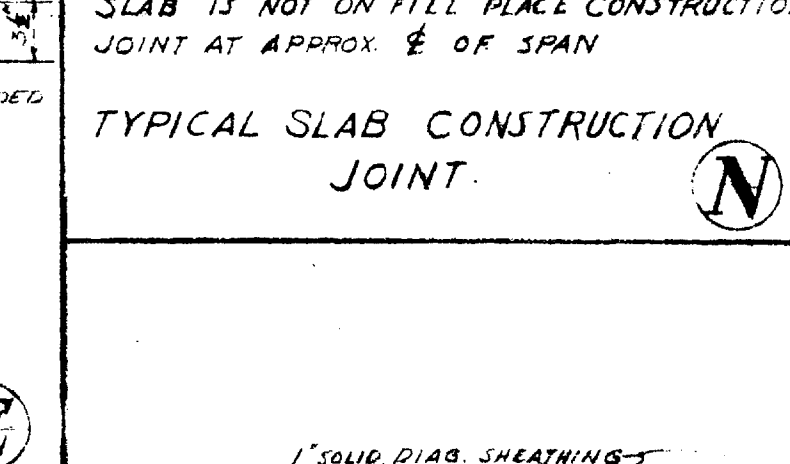
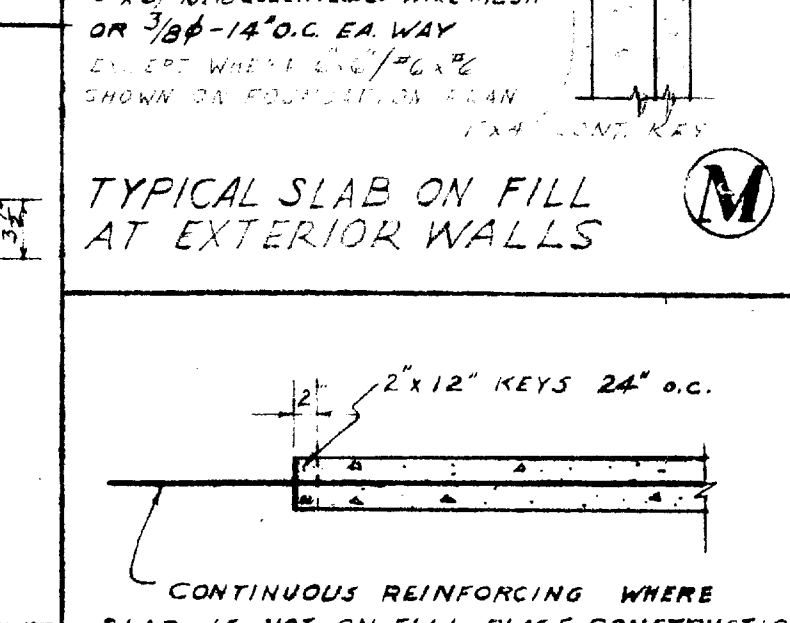
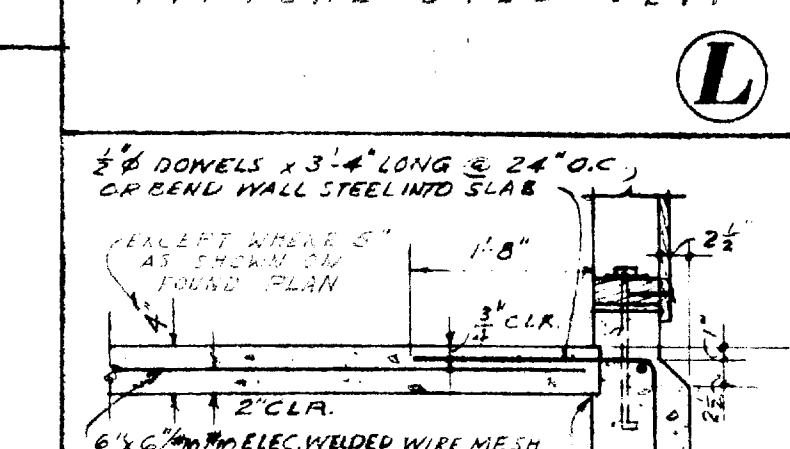
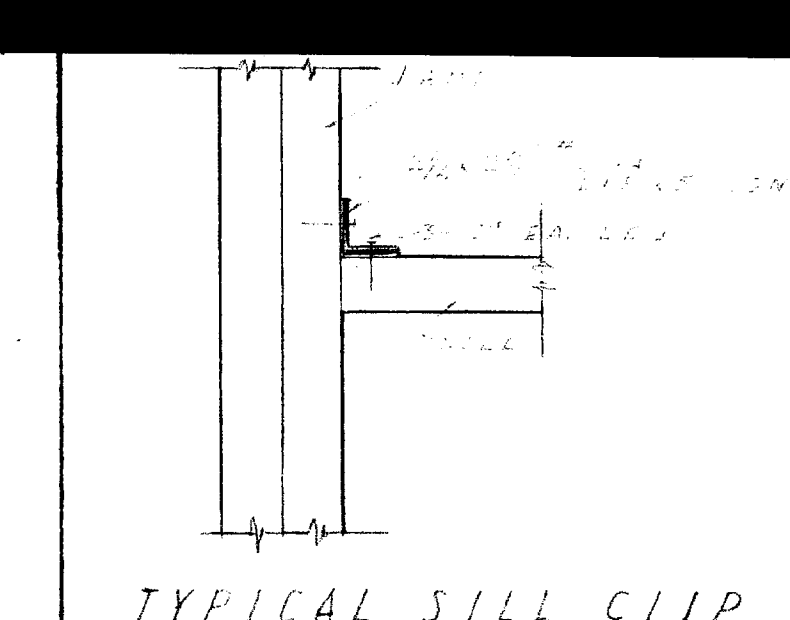
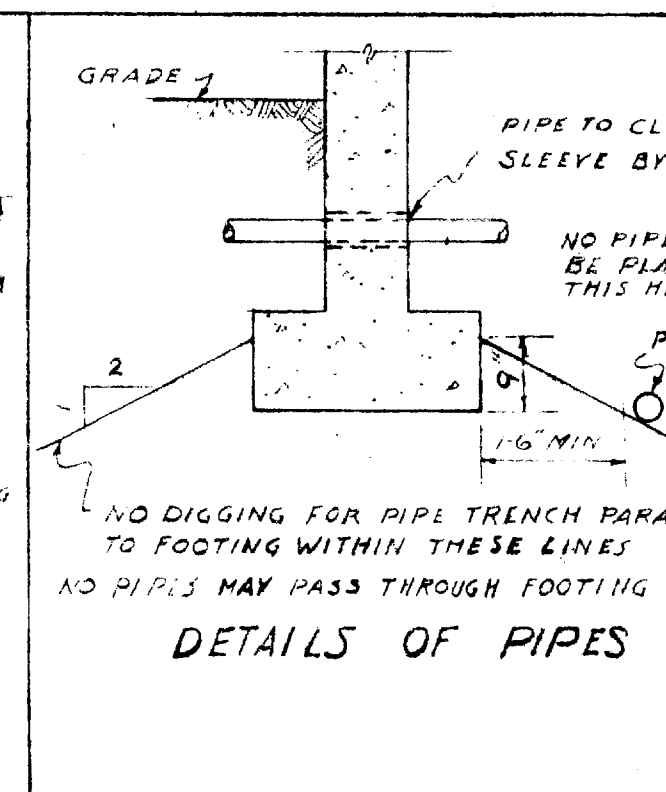
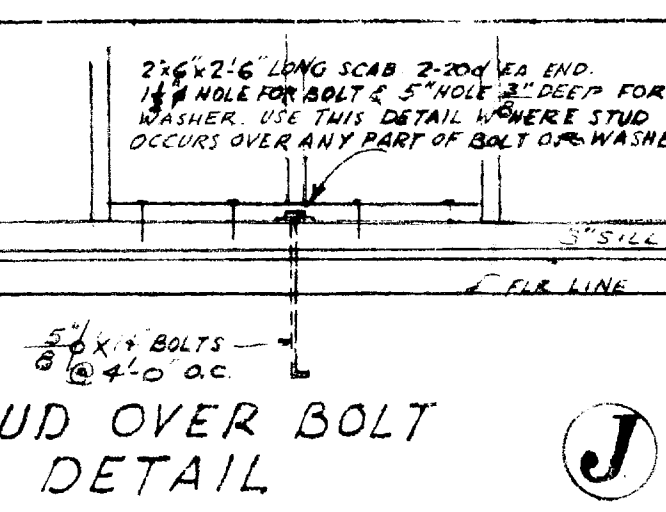
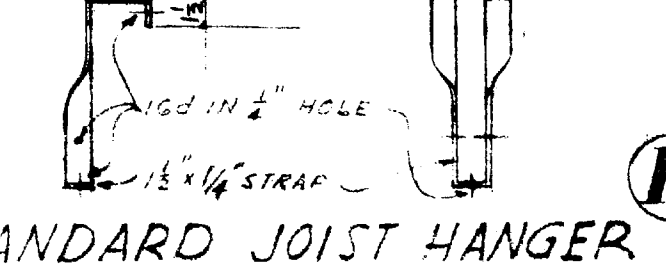
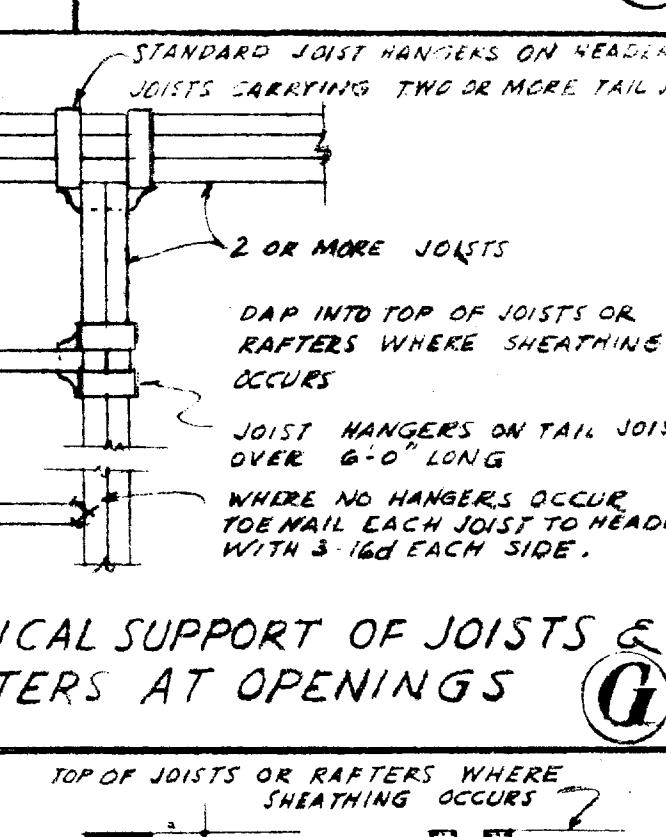
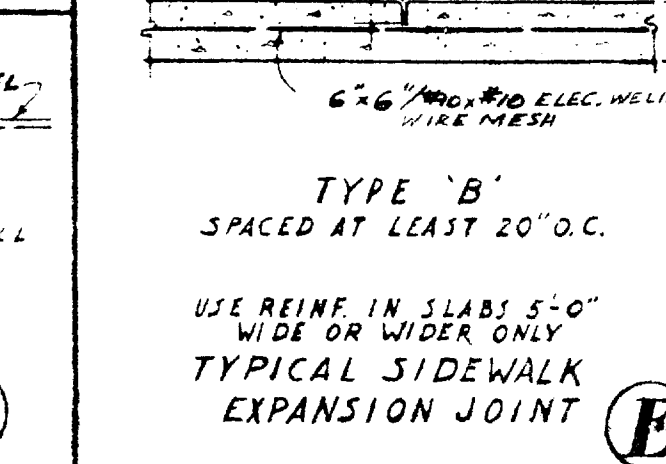
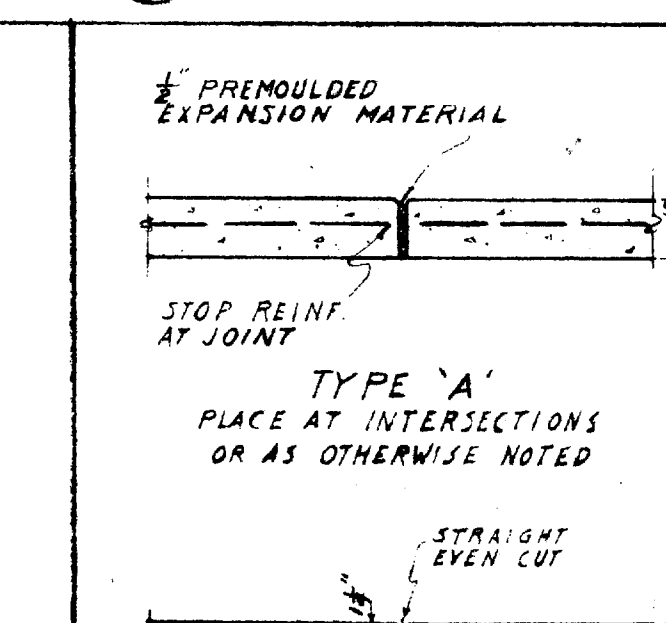
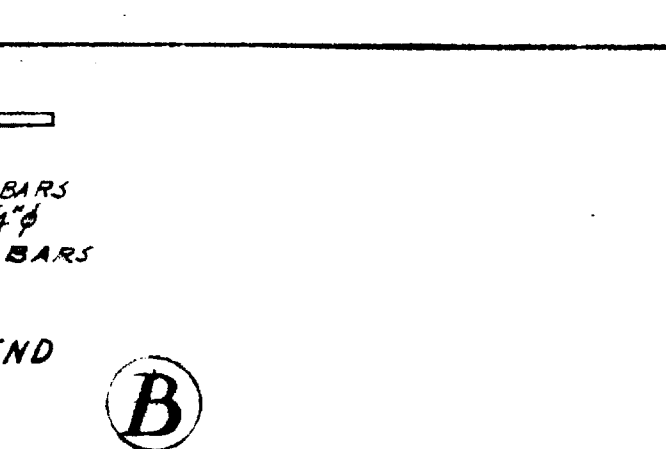
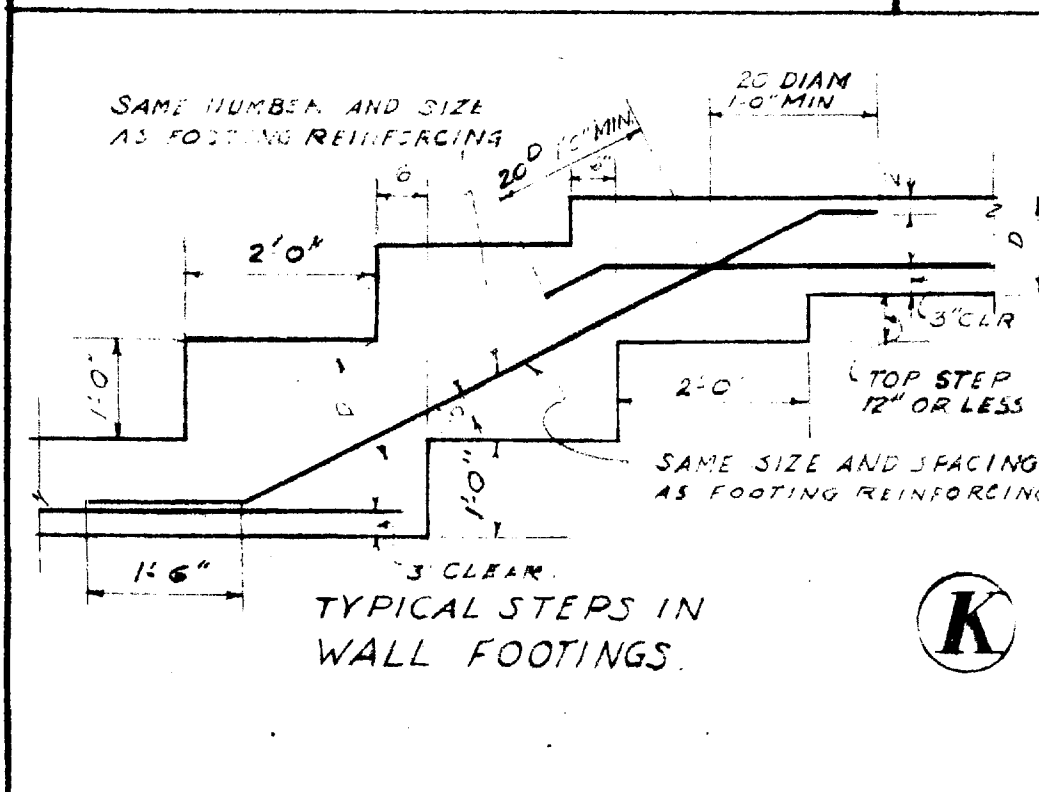
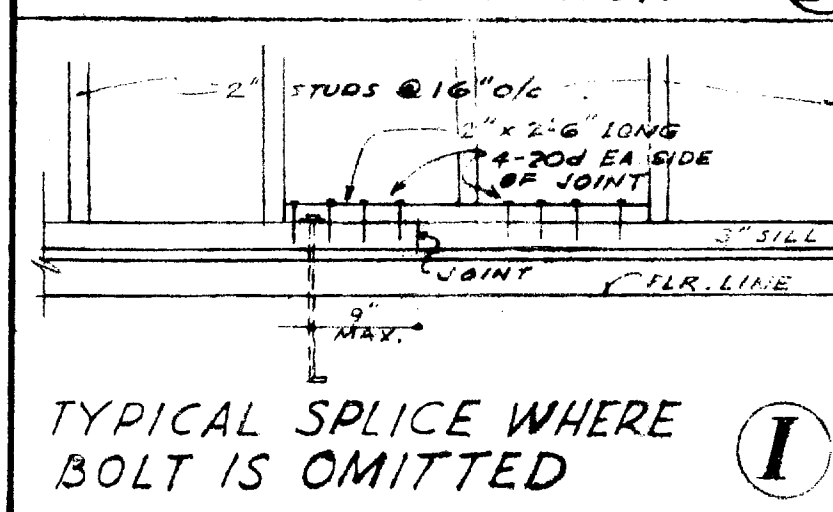
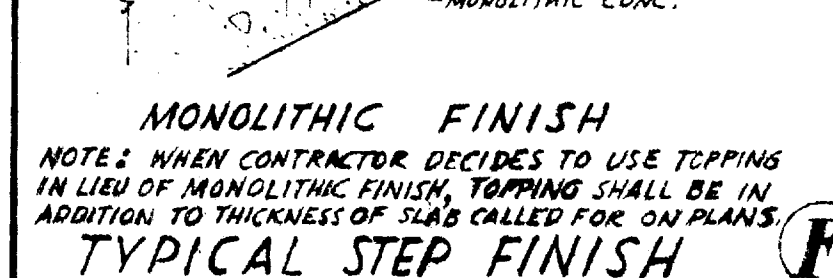
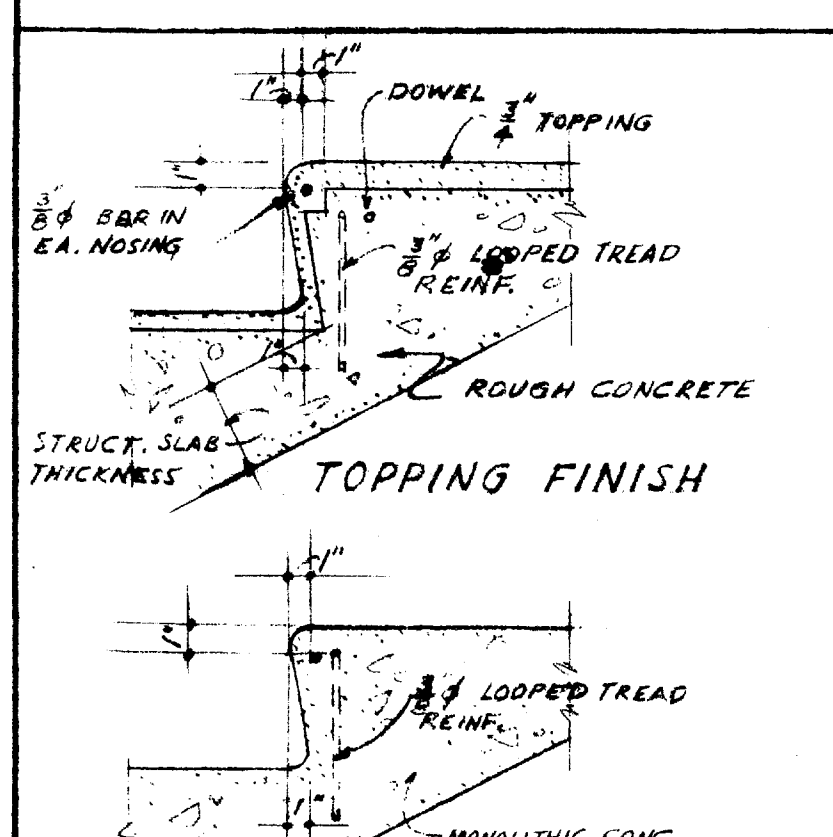
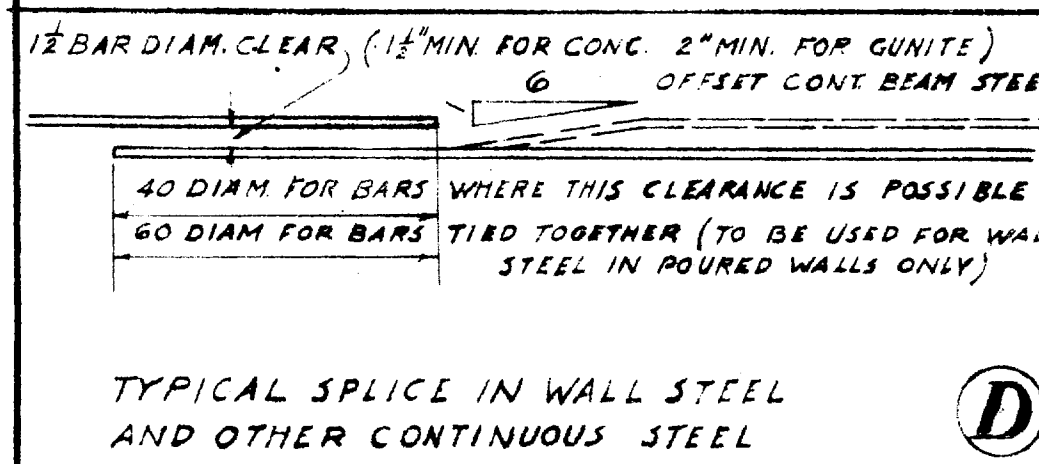
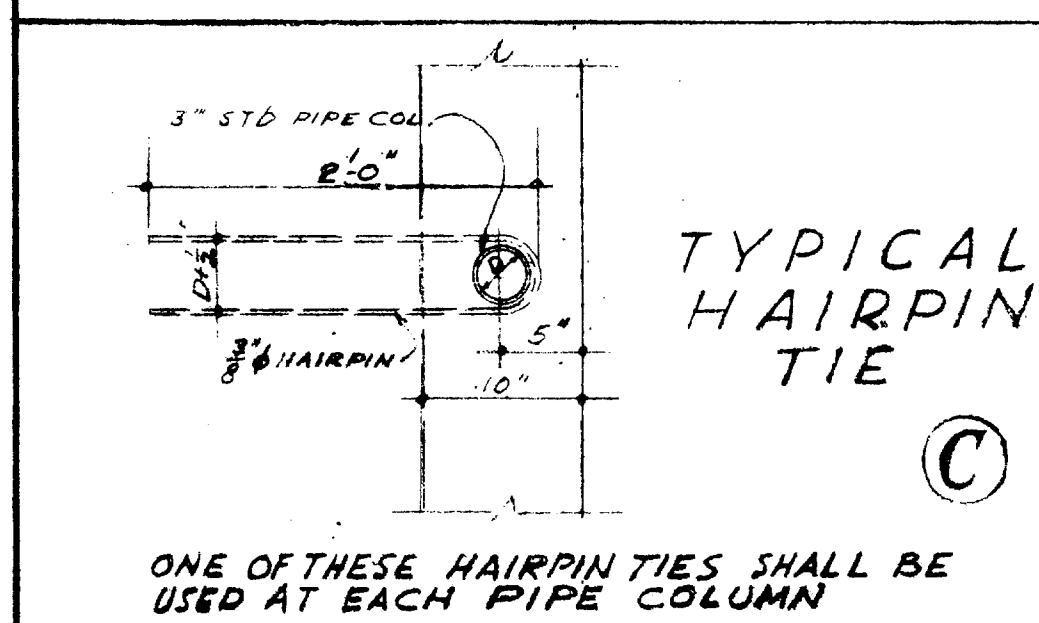
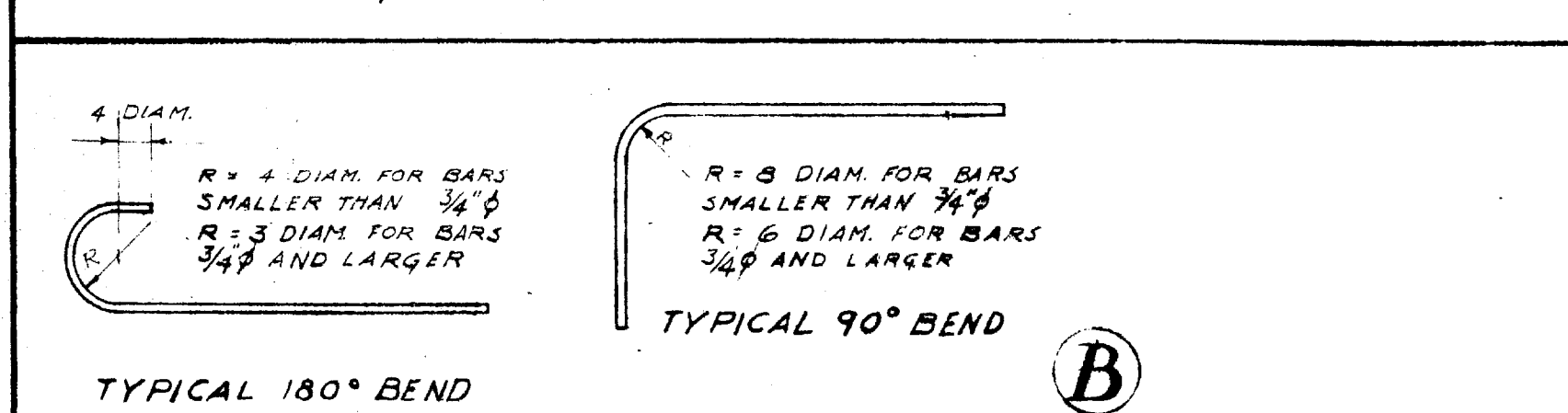
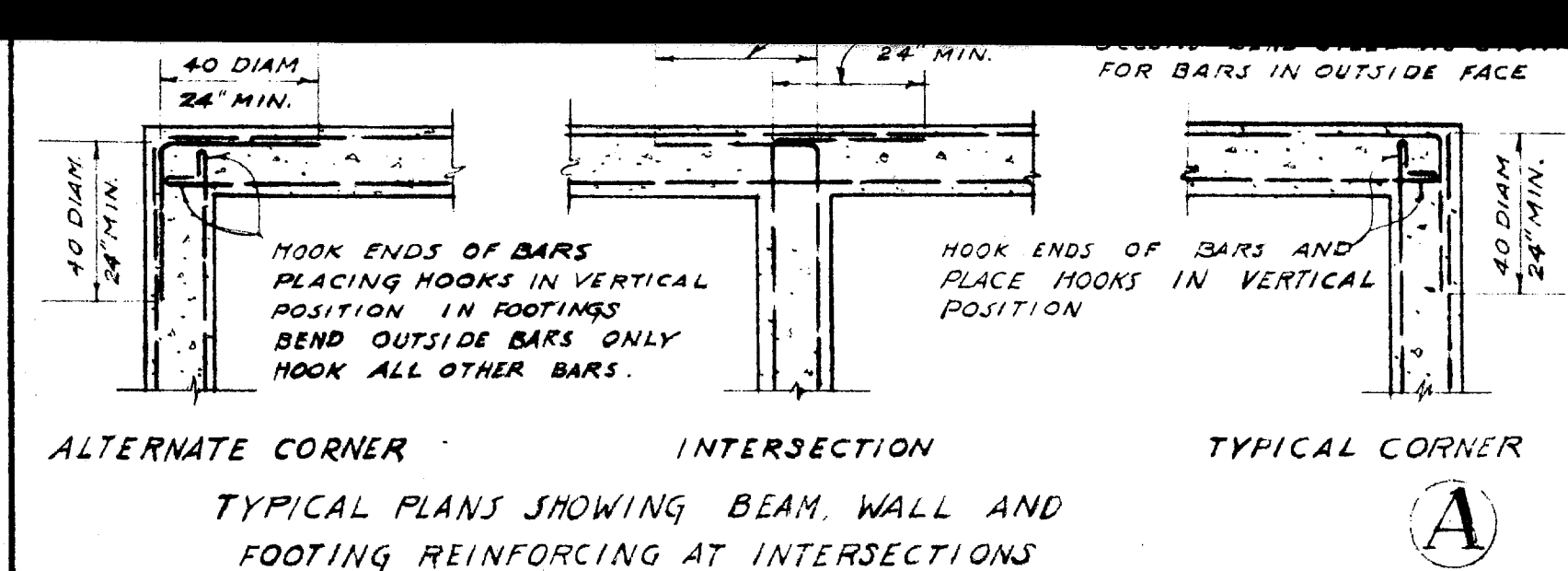
R.A. Curtis  
ARCHITECT  
STRUCTURAL ENGINEER

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB  
DATE MAR 1949  
DR. BY R.M.D.  
CHECKED BY  
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OF SHEETS  
JOB NO. 201-53  
EXTERIOR DETAILS  
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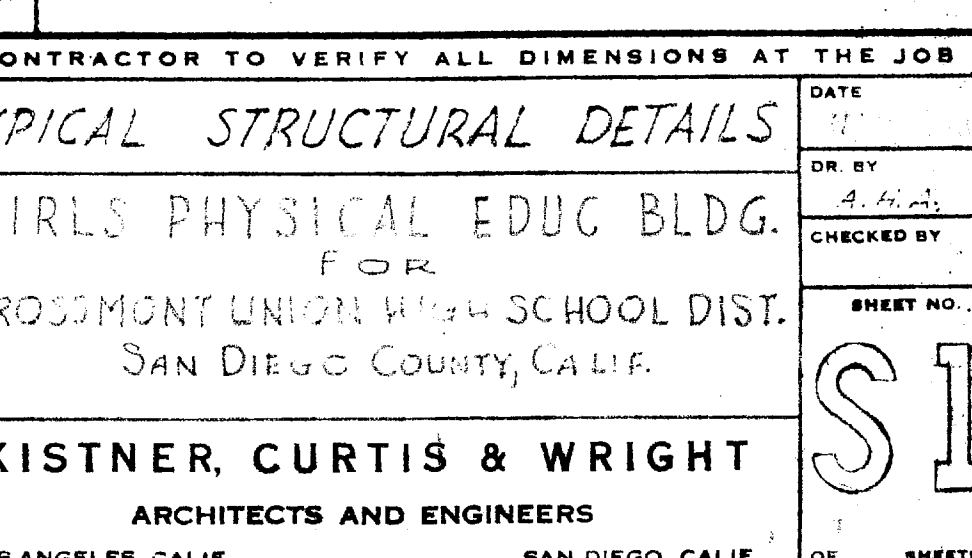
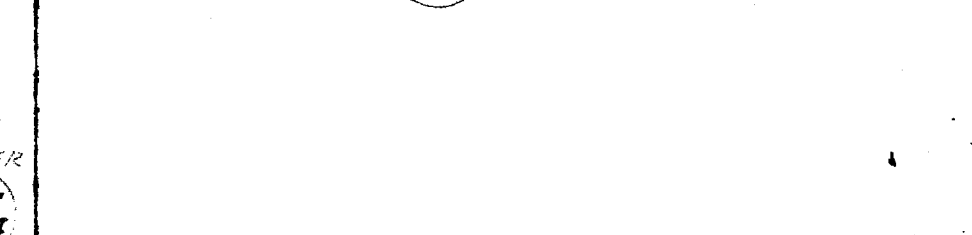
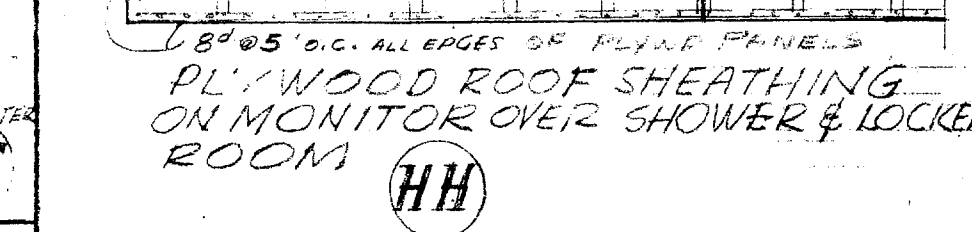
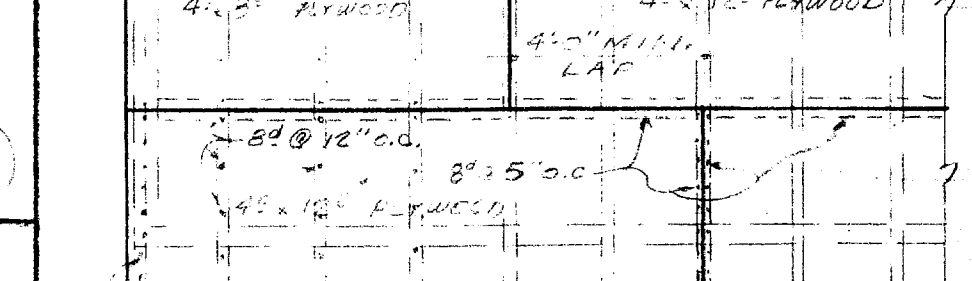
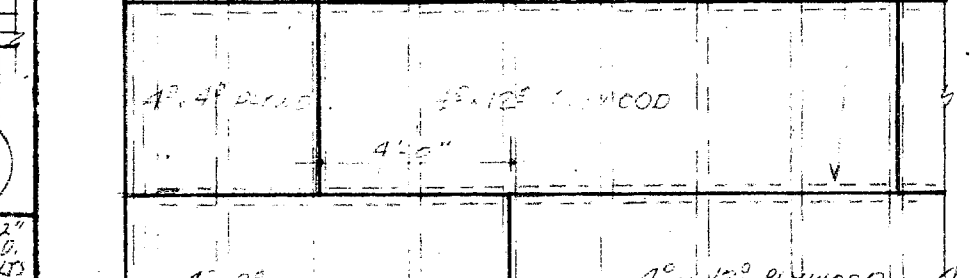
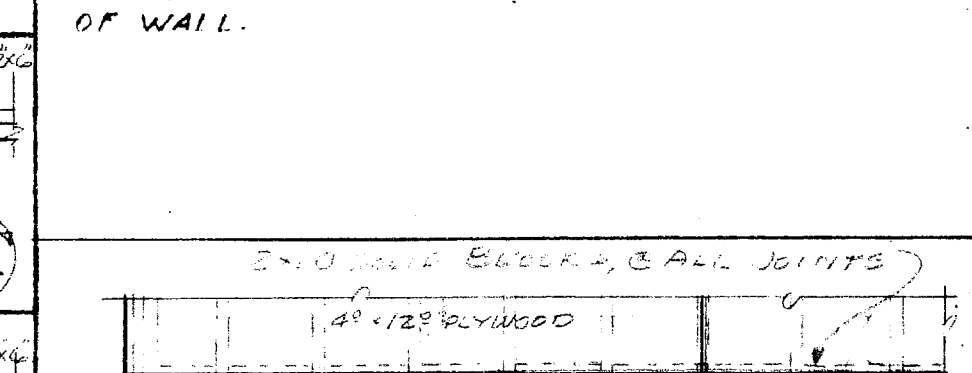
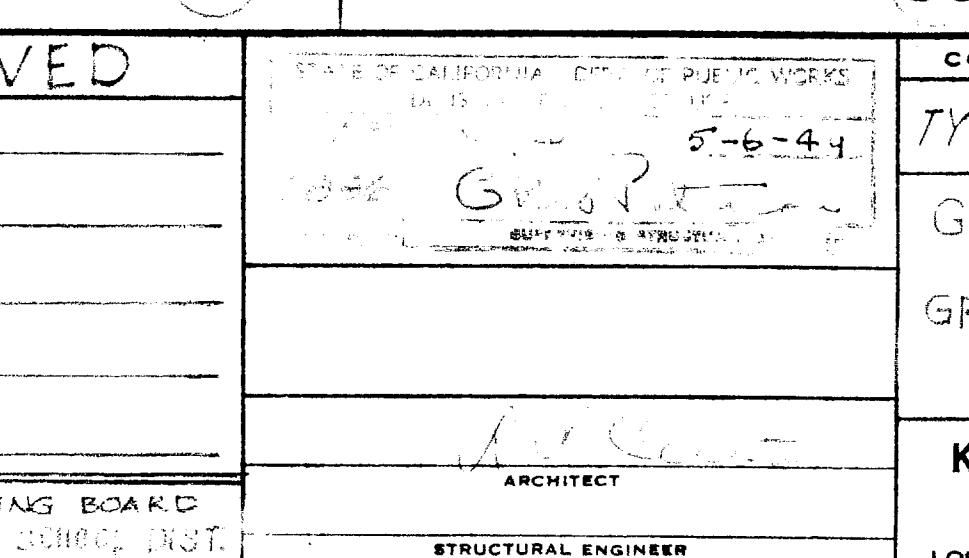
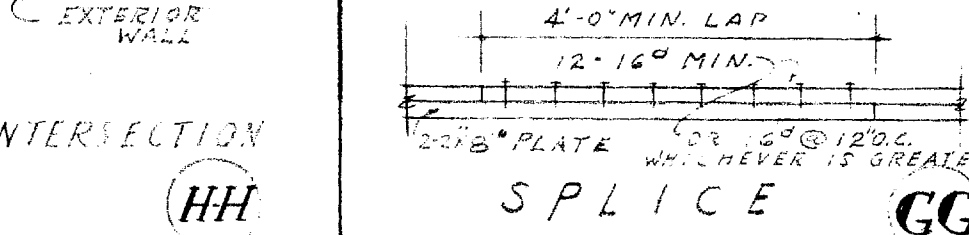
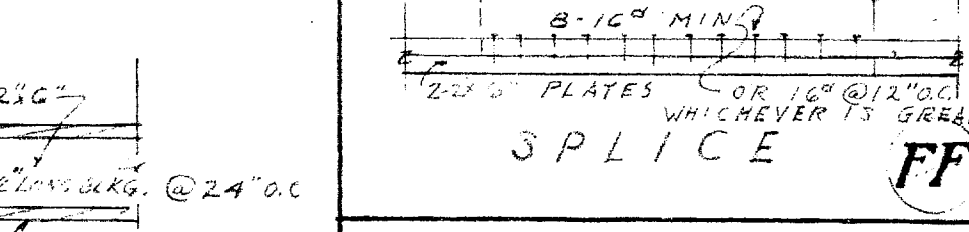
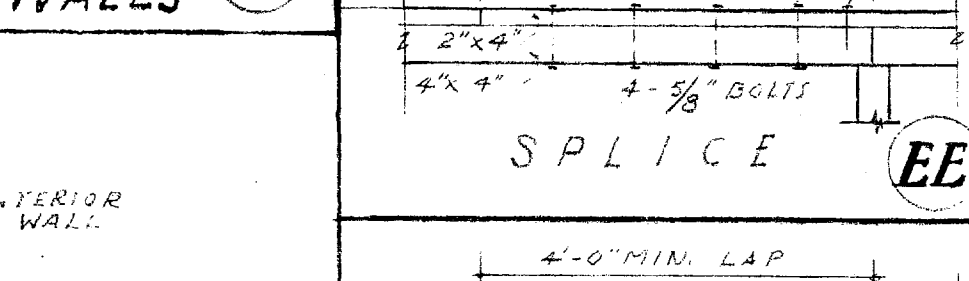
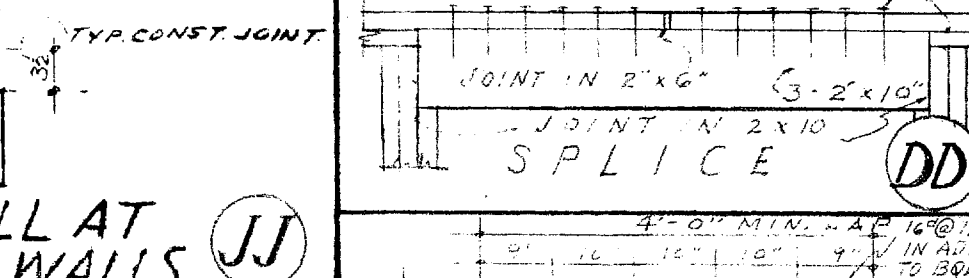
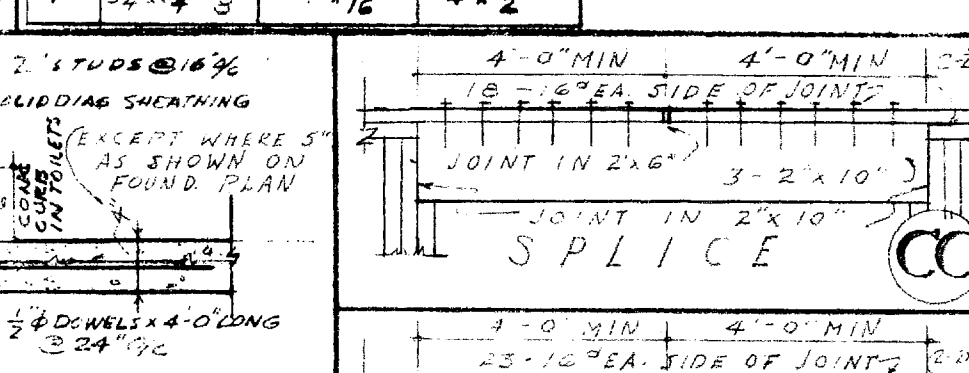
USE THE FOLLOWING SCHEDULE EXCEPT WHERE OTHERWISE DETAILED

DETAIL	OTHERWISE DETAILED
1. JOISTS OR RAFTERS TO SIDES OF STUDS	3-16d
2. JOISTS OR RAFTERS TO ALL BEARINGS	2-10d
3. STUDS TO BEARINGS	2-10d
4. BLOCKING BETWEEN JOISTS OR RAFTER TO JOIST OR RAFTER	2-10d
5. BLOCKING TO JOIST OR RAFTER BEARINGS	2-10d
6. SHEATHING AT ALL BEARINGS	2-8d
7. DIAGONAL SHEATHING AT ALL ENDS	3-8d
8. CROSSBRIDGING BETWEEN JOISTS OR RAFTERS	2-8d
9. HEARINGBONE BLOCKING	2-10d
10. RIBBONS TO STUDS	2-8d
11. DOUBLE TOP PLATES	2-20d
12. MULTIPLE STUDS STAGGERED FOR	16d @ 12" O.C.
13. BUILT-UP BEAMS	16d @ 12" O.C.
14. DOUBLE JOISTS UNDER PARTITIONS	16d @ 12" O.C.
15. 1" STRIPPING TO SHEATHING	8" @ 12" O.C.
16. 2"x3" AND 1 1/2"x2" CEILING STRIPPING	2-16d
17. UNLESS OTHERWISE NOTED OR INDICATED ALL 2" MATERIAL SHALL BE NAILLED WITH 2-16d AT EACH BEARING OR JOINT AND ALL 1" MATERIAL WITH 2-8d AT EACH BEARING OR JOINT.	
18. PREDRILL HOLES WHERE NECESSARY TO PREVENT SPLITTING	
19. 3/4" PLYWOOD SHEATHING TO JOISTS - 8" @ 12" O.C.	
20. ALL EDGES - 8" @ 12" O.C. ALL INTERMEDIATE BEARING	

WASHER SCHEDULE

BOLT SIZE	STEEL PLATE WASHERS	IRON	ON WOOD
1/2"	2 1/2" x 2 1/2"	2 1/2" x 3"	2 1/2" x 3"
3/8"	2 1/4" x 2 1/4"	2 1/4" x 2 1/2"	2 1/4" x 2 1/2"
1/4"	2 1/4" x 2 1/4"	2 1/4" x 2 1/2"	2 1/4" x 2 1/2"
3/16"	2 1/4" x 2 1/4"	2 1/4" x 2 1/2"	2 1/4" x 2 1/2"
1/8"	2 1/4" x 2 1/4"	2 1/4" x 2 1/2"	2 1/4" x 2 1/2"

ONE OF THESE WASHERS SHALL BE USED UNDER HEAD AND NUTS OF ALL BOLTS BEARING ON WOOD. NO INDICATIONS ON SURFACE BEARING AGAINST WOOD UNLESS DETAILED.



APPROVED

BY \_\_\_\_\_

BY \_\_\_\_\_

BY \_\_\_\_\_

BY \_\_\_\_\_

MEMBERS OF GOVERNING BOARD

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

TYPICAL STRUCTURAL DETAILS

GIRLS PHYSICAL EDUC BLDG.

GROSSMONT UNION HIGH SCHOOL DIST.

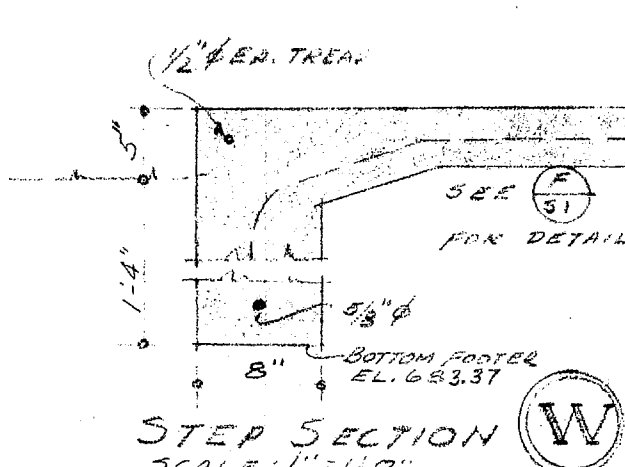
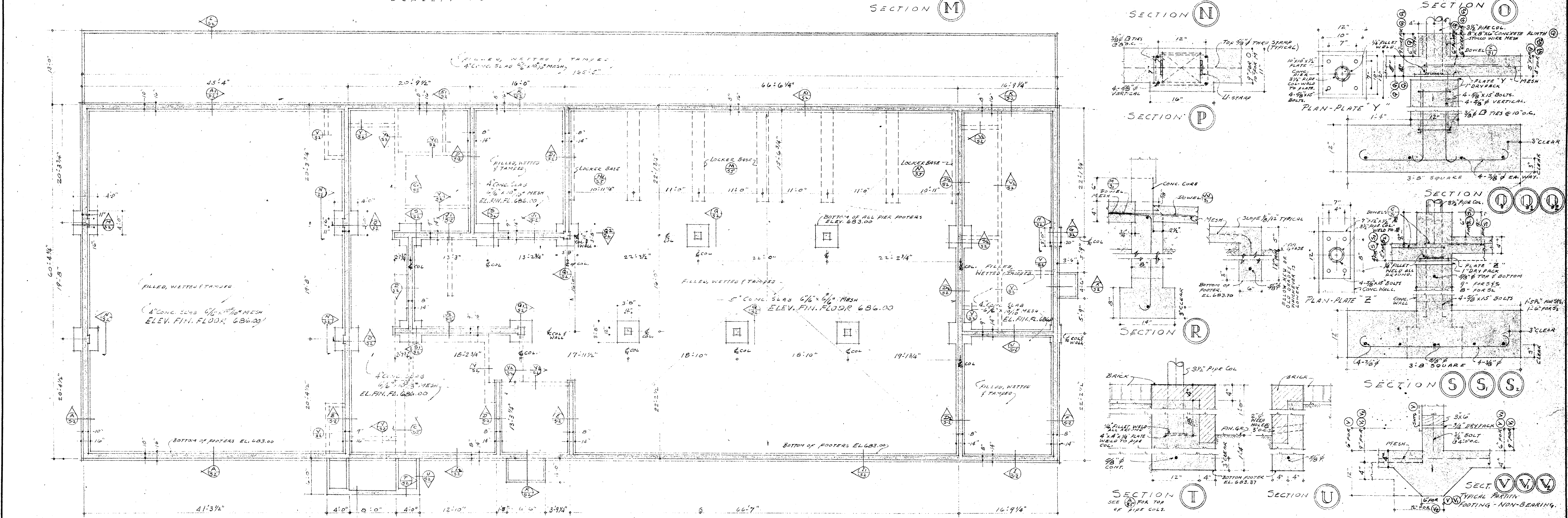
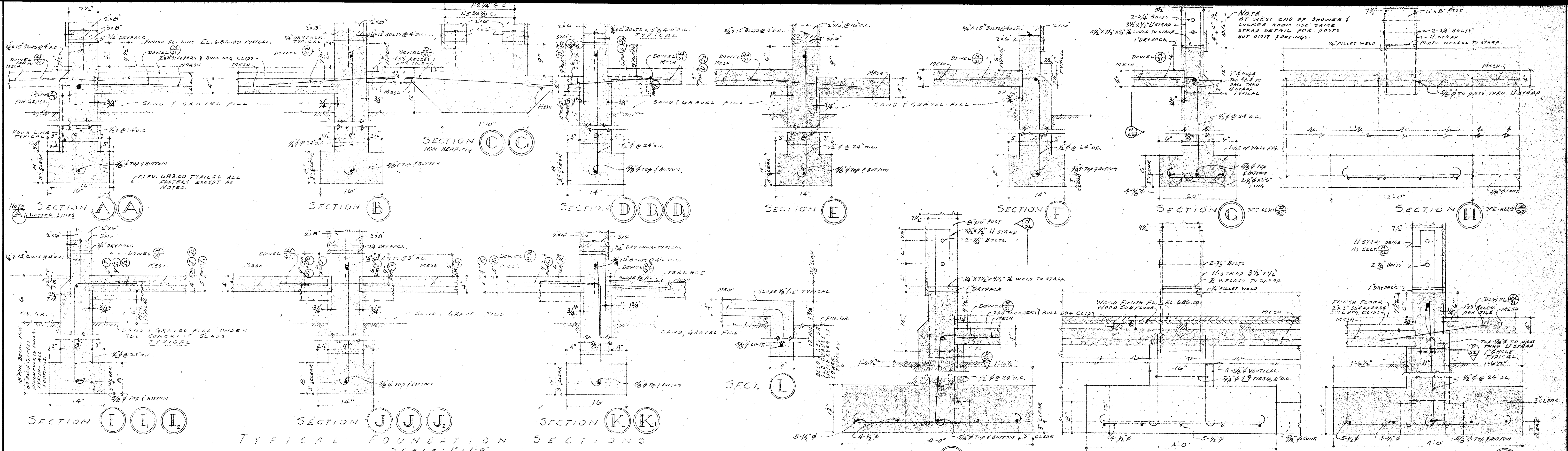
SAN DIEGO COUNTY, CALIF.

KISTNER, CURTIS & WRIGHT

ARCHITECTS AND ENGINEERS

LOS ANGELES, CALIF. SAN DIEGO, CALIF.



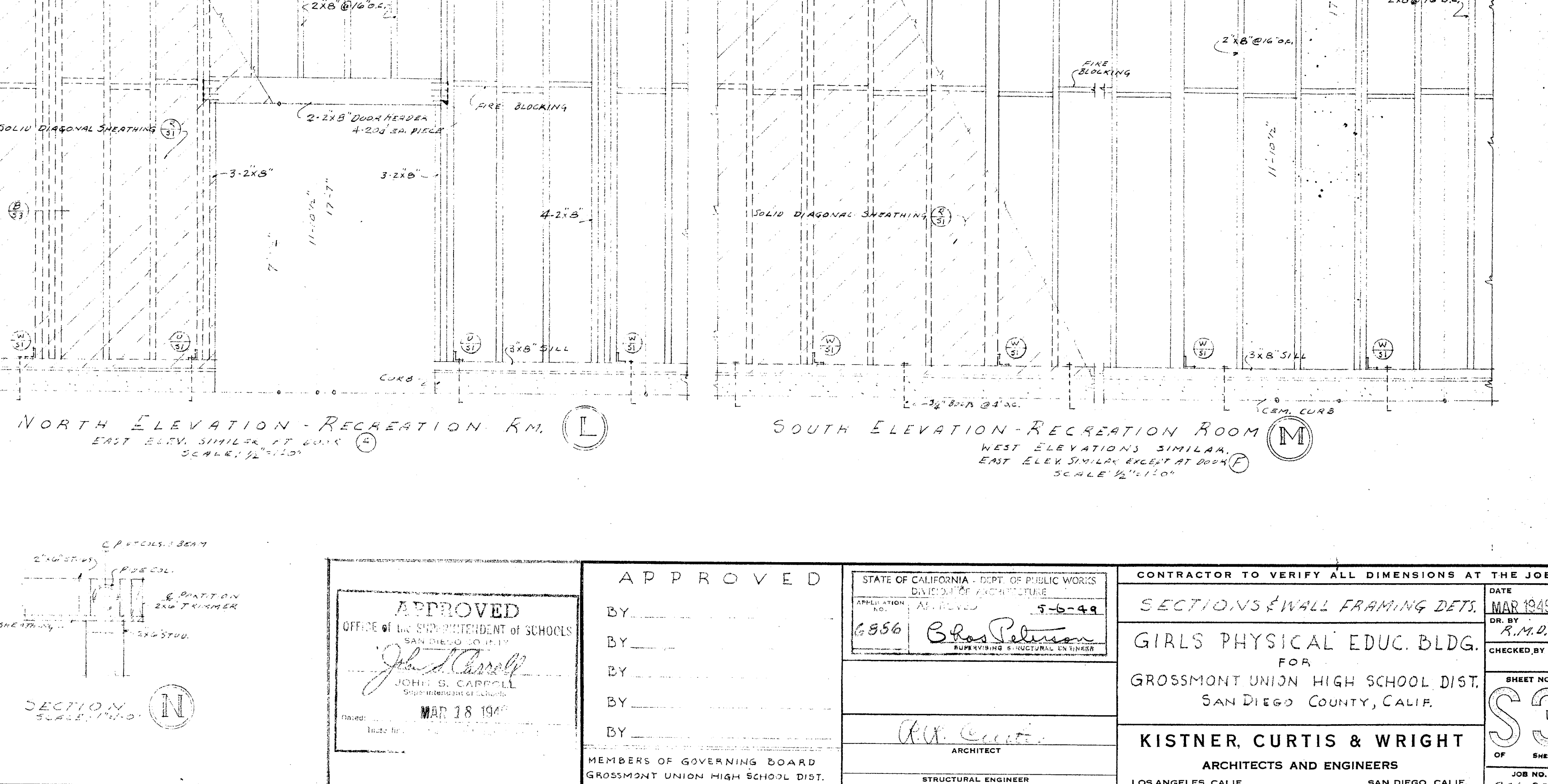
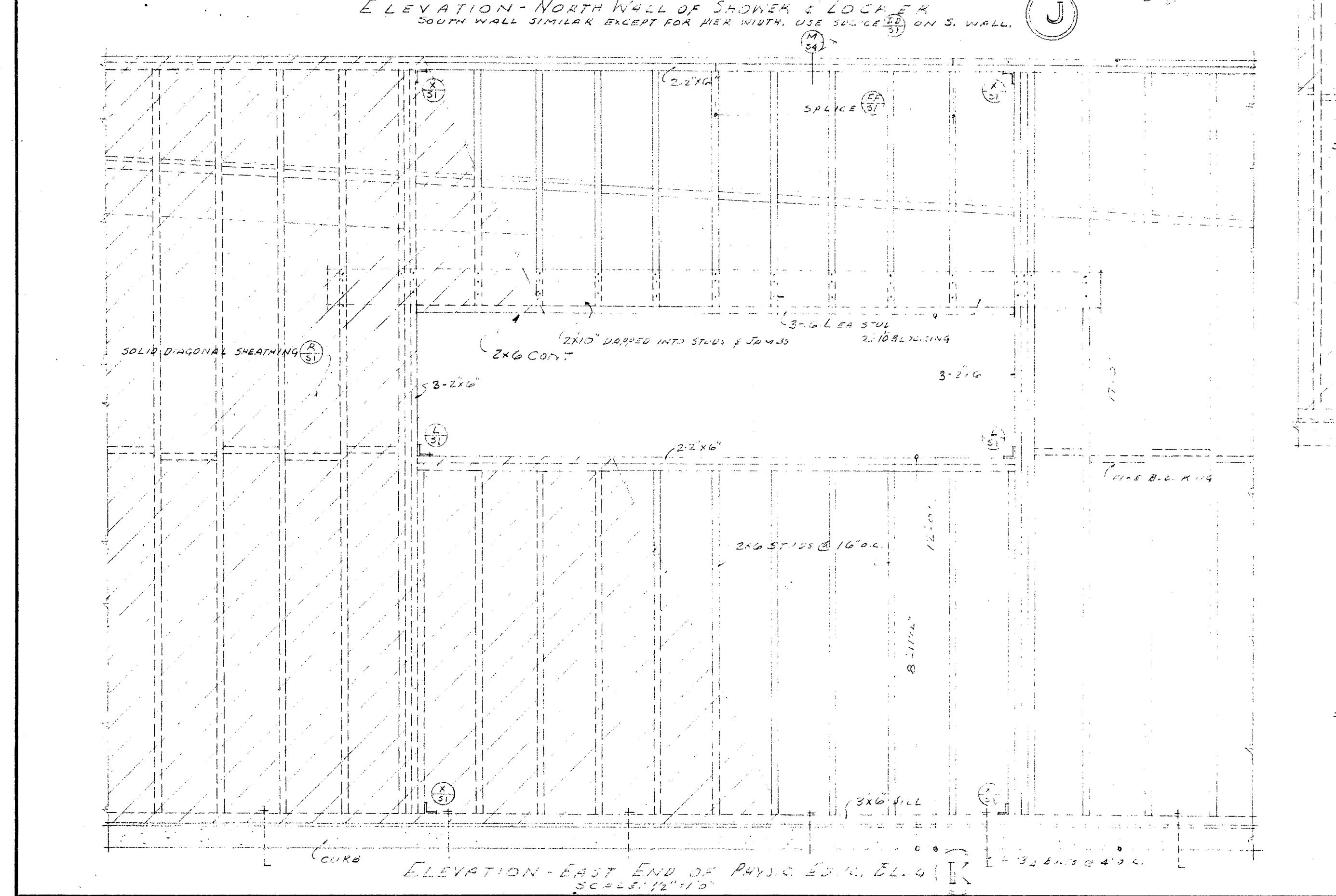
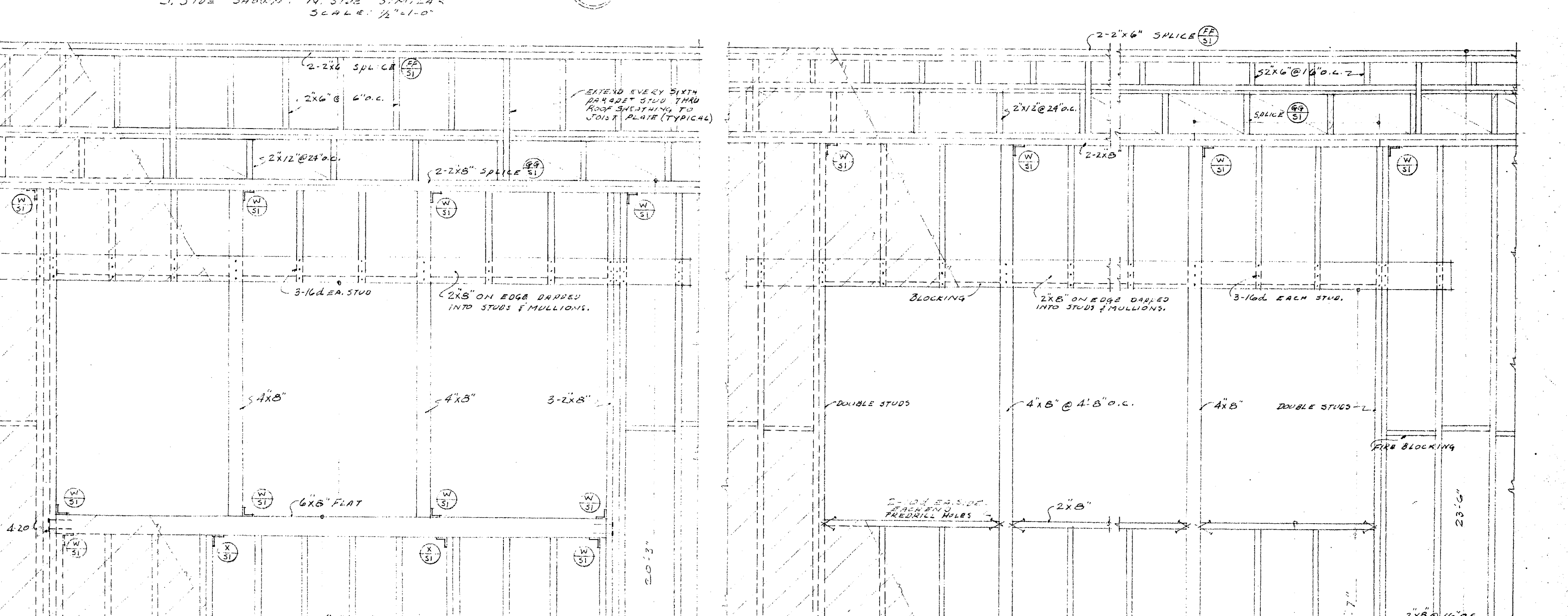
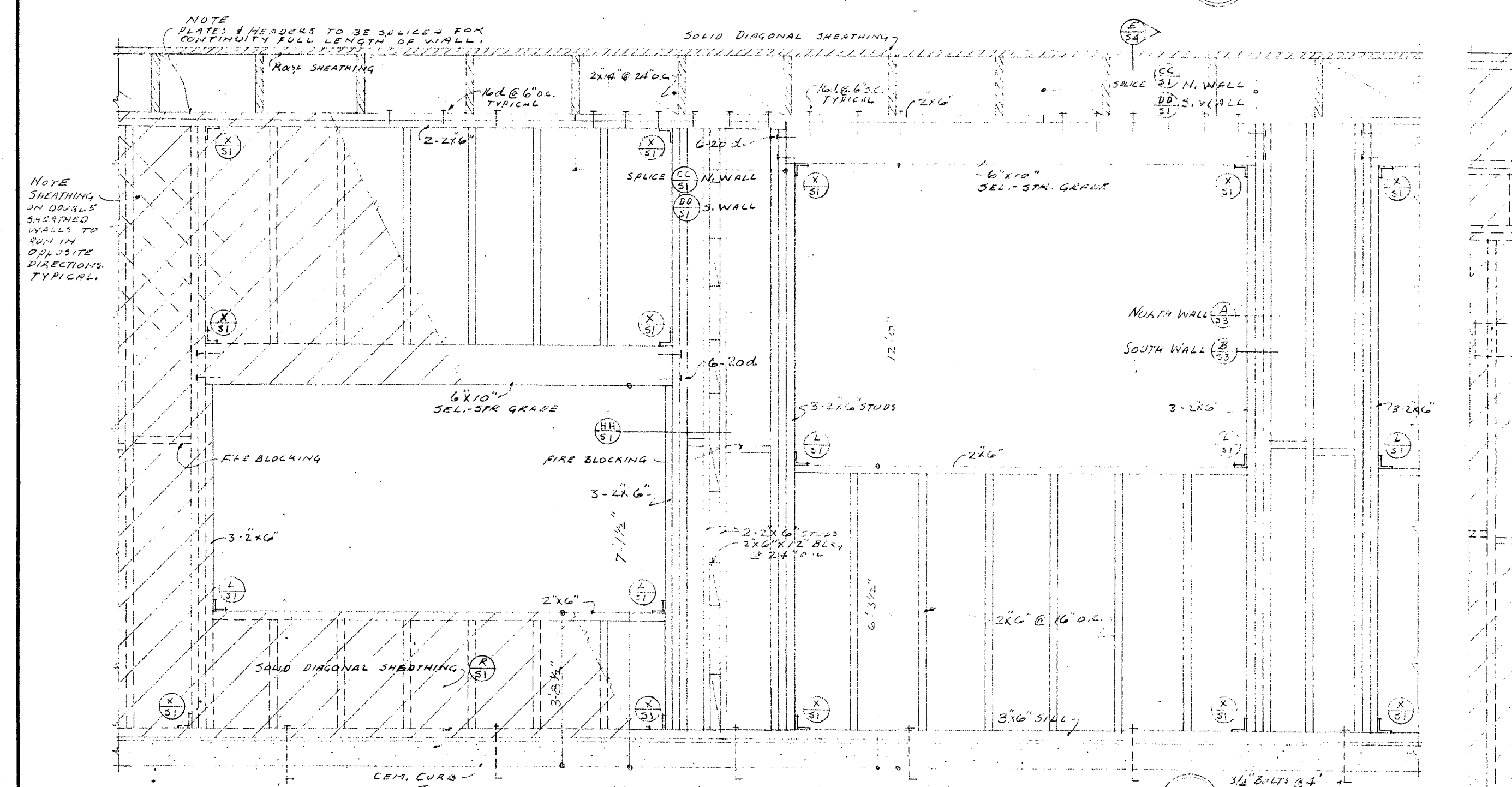
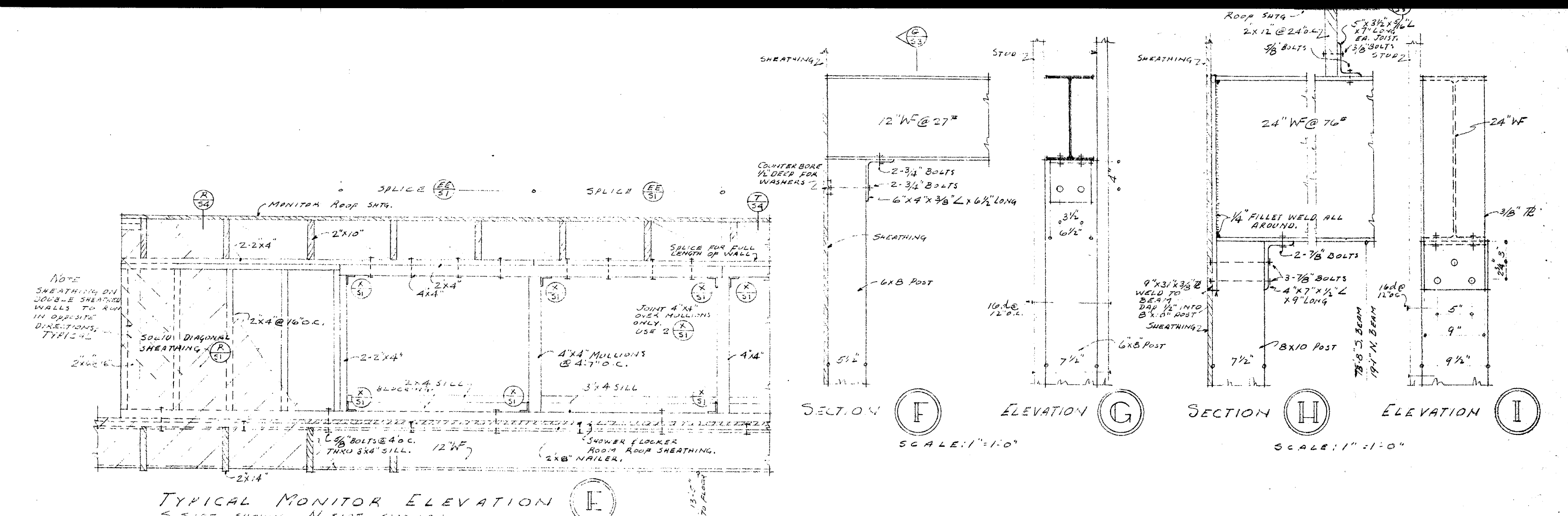
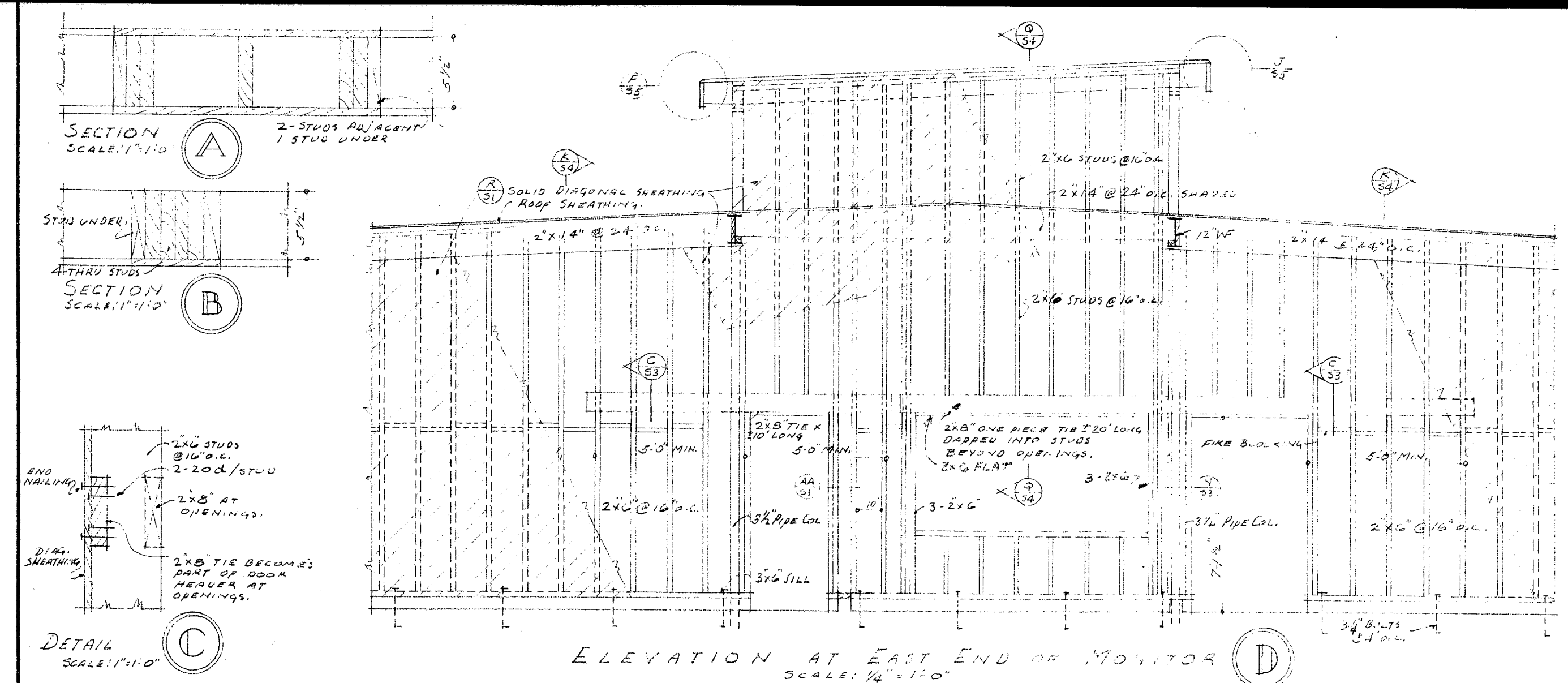


**FOUNDATION PLAN**  
SCALE: 1/8" = 1'-0"

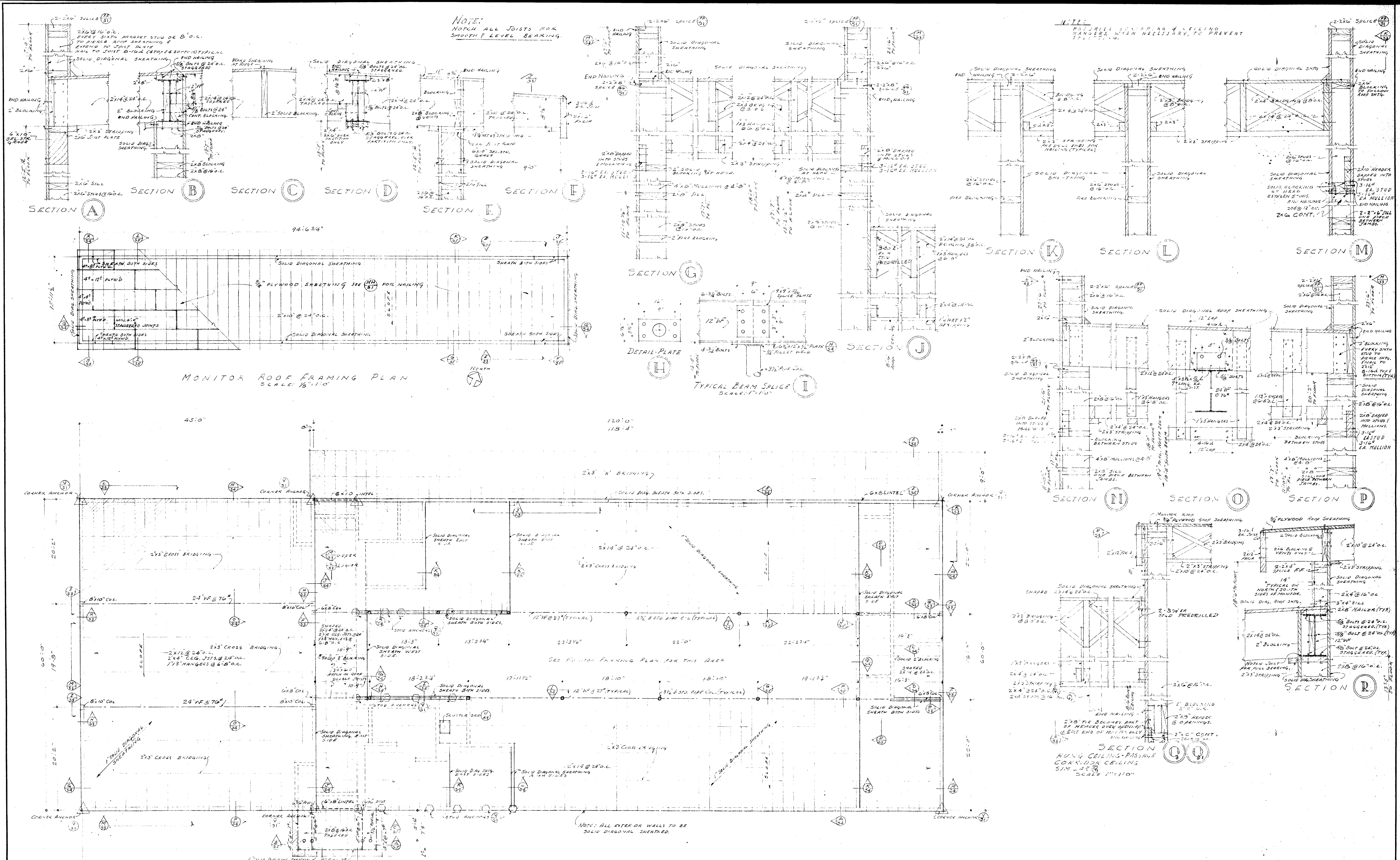
**NOTE:**  
1. ALL FLOOR SLABS 4" WITH 6/8" X 10" MESH EXCEPT WHERE 5" SLAB WITH 6/8" X 6" MESH NOTED.  
2. BOTTOM OF ALL FOOTERS ELEV. 683.00 EXCEPT AS NOTED.

<p align="center"><b>APPROVED</b> OFFICE OF THE SUPERINTENDENT OF SCHOOLS BY <i>John S. Carroll</i> JOHN S. CARROLL Superintendent of Schools MAR 18 1949</p>	<p align="center"><b>APPROVED</b></p>		<p>STATE OF CALIFORNIA - DEPT. OF PUBLIC WORKS DIVISION OF ARCHITECTURE APPROVED 5-6-49 6886 <i>C. P. Peterson</i> SUPERVISING STRUCTURAL ENGINEER</p>	<p align="center"><b>CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB</b></p>
	<p>BY _____ BY _____ BY _____ BY _____ BY _____</p>		<p align="center"><b>FOUNDATION PLAN</b> GIRLS PHYSICAL EDUC. BLDG. FOR GROSSMONT UNION HIGH SCHOOL DIST. SAN DIEGO COUNTY, CALIF.</p>	
	<p align="center">MEMBERS OF GOVERNING BOARD GROSSMONT UNION HIGH SCHOOL DIST.</p>		<p align="center"><i>W. A. Curtis</i> ARCHITECT</p>	<p align="center"><b>KISTNER, CURTIS &amp; WRIGHT</b> ARCHITECTS AND ENGINEERS LOS ANGELES, CALIF. SAN DIEGO, CALIF.</p>
	<p align="center">DATE: MAR 1949 DR. BY: R. M. D. CHECKED BY: _____ SHEET NO. <b>S2</b> OF SHEETS 207-53</p>			



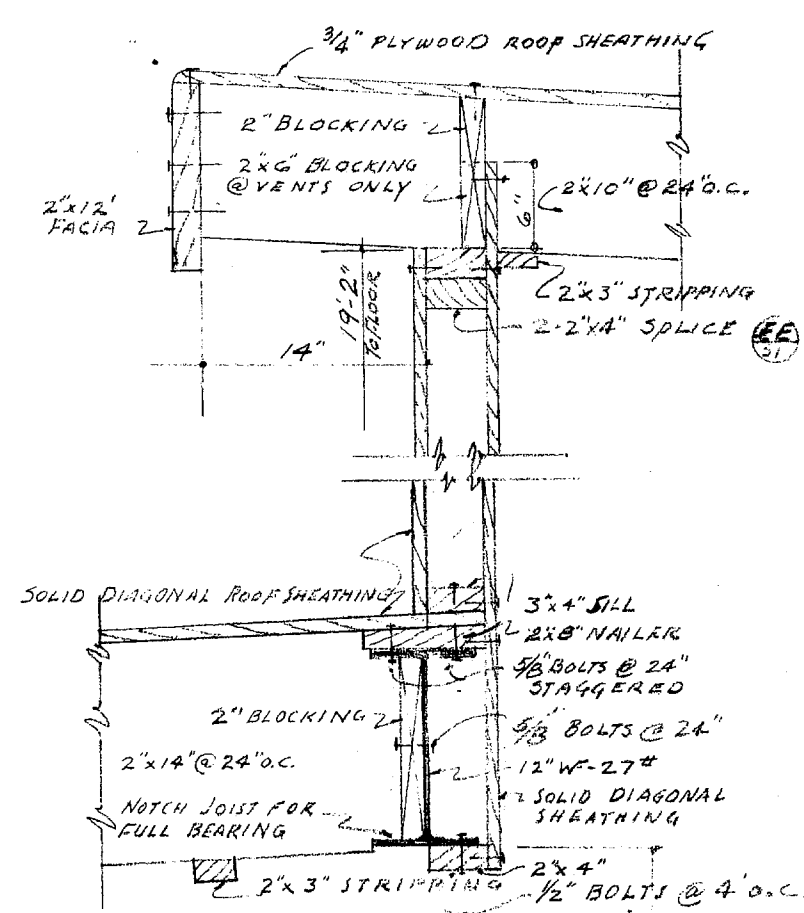




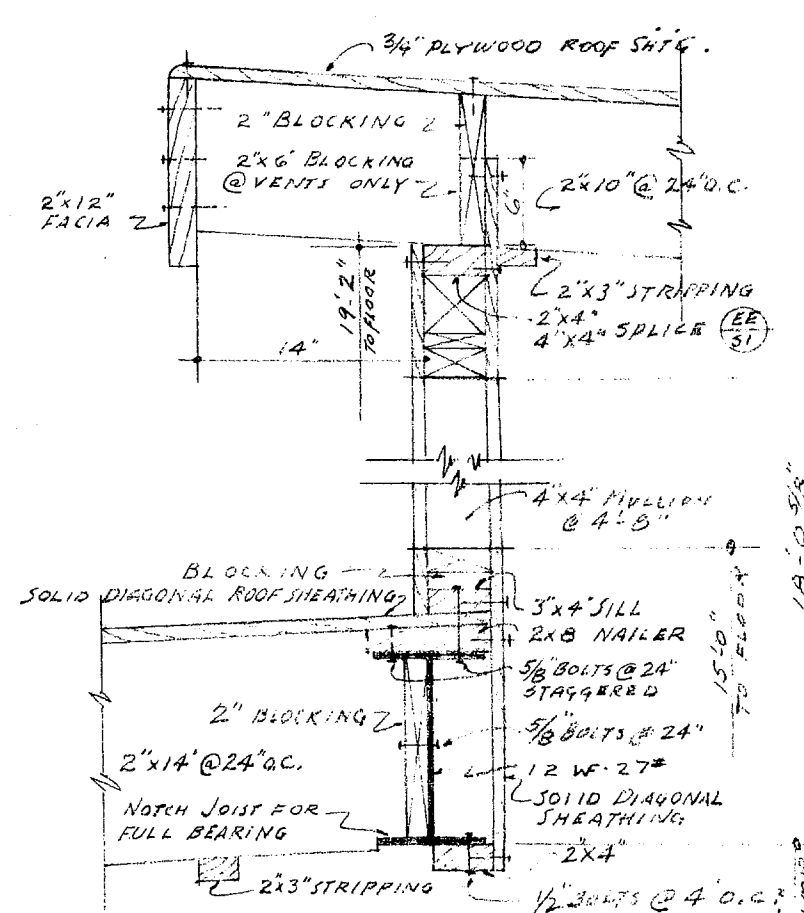


<b>APPROVED</b> STATE OF CALIFORNIA - DEPT. OF PUBLIC WORKS DIVISION OF BUILDINGS APPLICATION NO. 6686 APPROVED 5-6-49 B. R. Peterson SUPERVISING STRUCTURAL ENGINEER		<b>CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB</b> <b>ROOF FRAMING PLAN</b> GIRLS PHYSICAL EDUC. BLDG. FOR GROSSMONT UNION HIGH SCHOOL DIST. SAN DIEGO COUNTY, CALIF. <b>KISTNER, CURTIS &amp; WRIGHT</b> ARCHITECTS AND ENGINEERS LOS ANGELES, CALIF.	
APPROVED J. H. Curtis ARCHITECT MAR 18 1949		DATE MAR 19 1949 CHECKED BY SHEET NO. S4 OF 4 SHEETS JOB NO. 207-83	

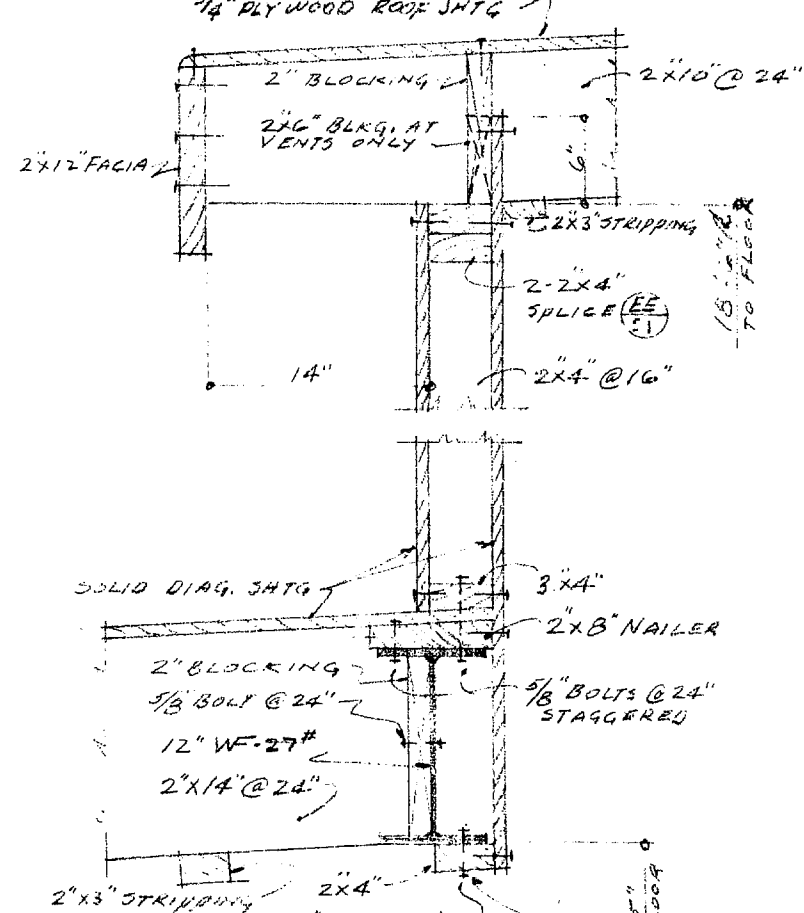




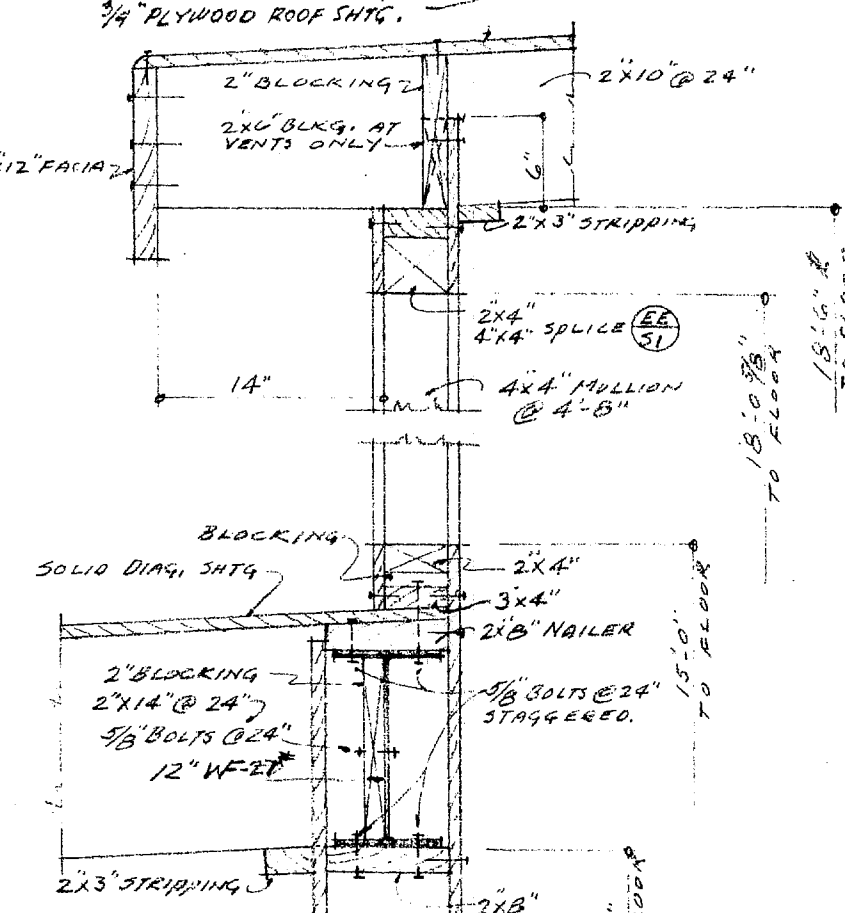
SECTION F  
NORTH SIDE



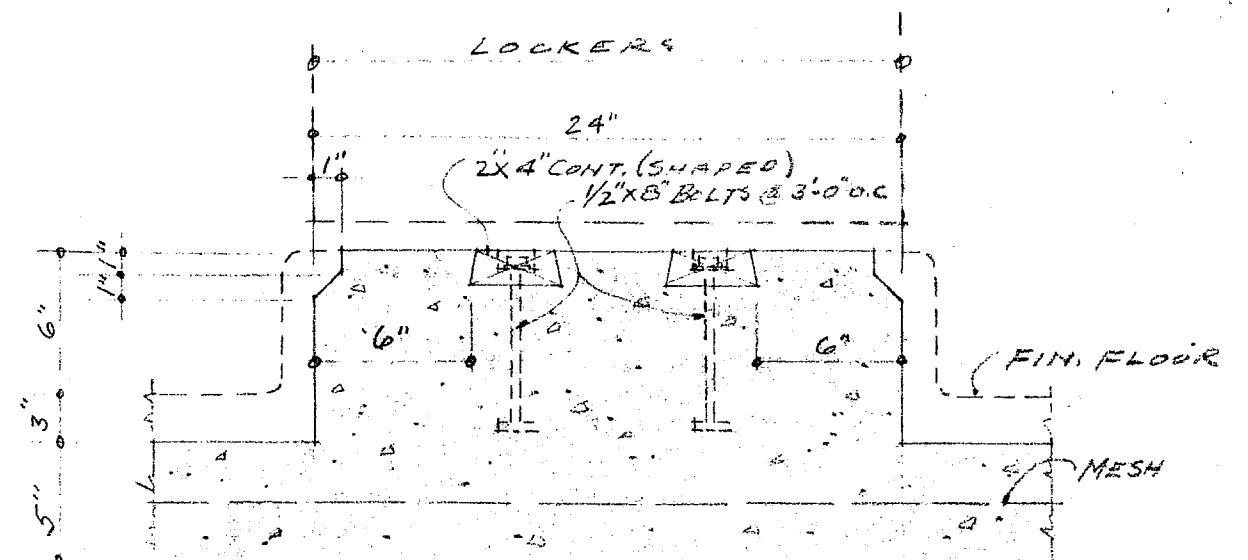
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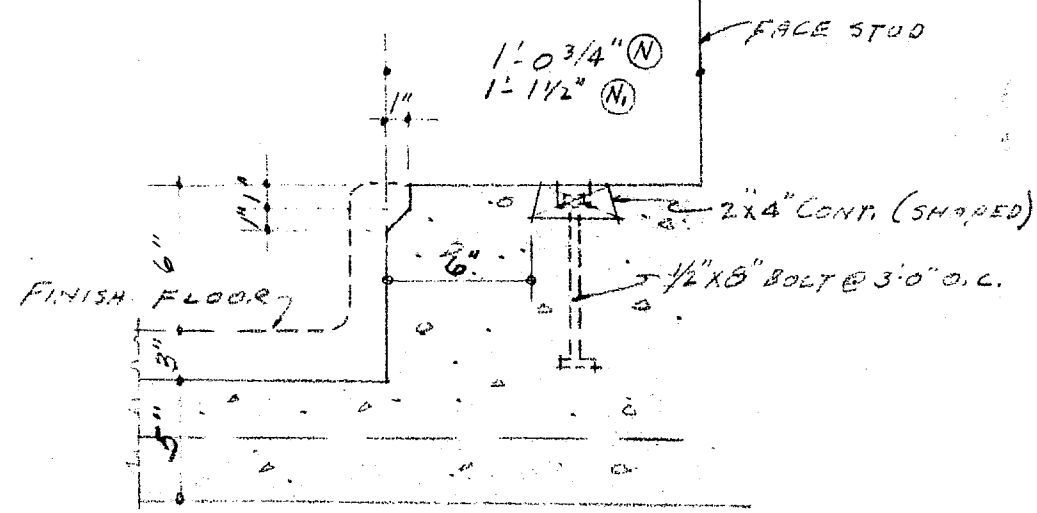
SECTION J  
SOUTH SIDE



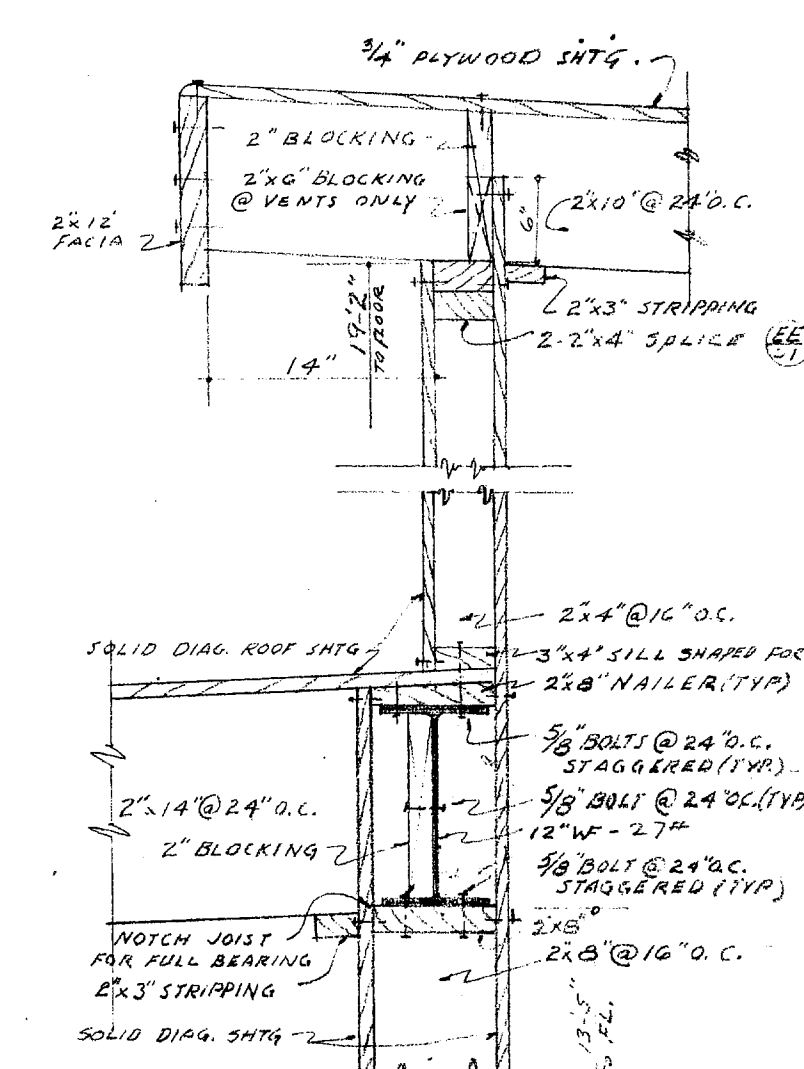
SECTION L  
SOUTH SIDE



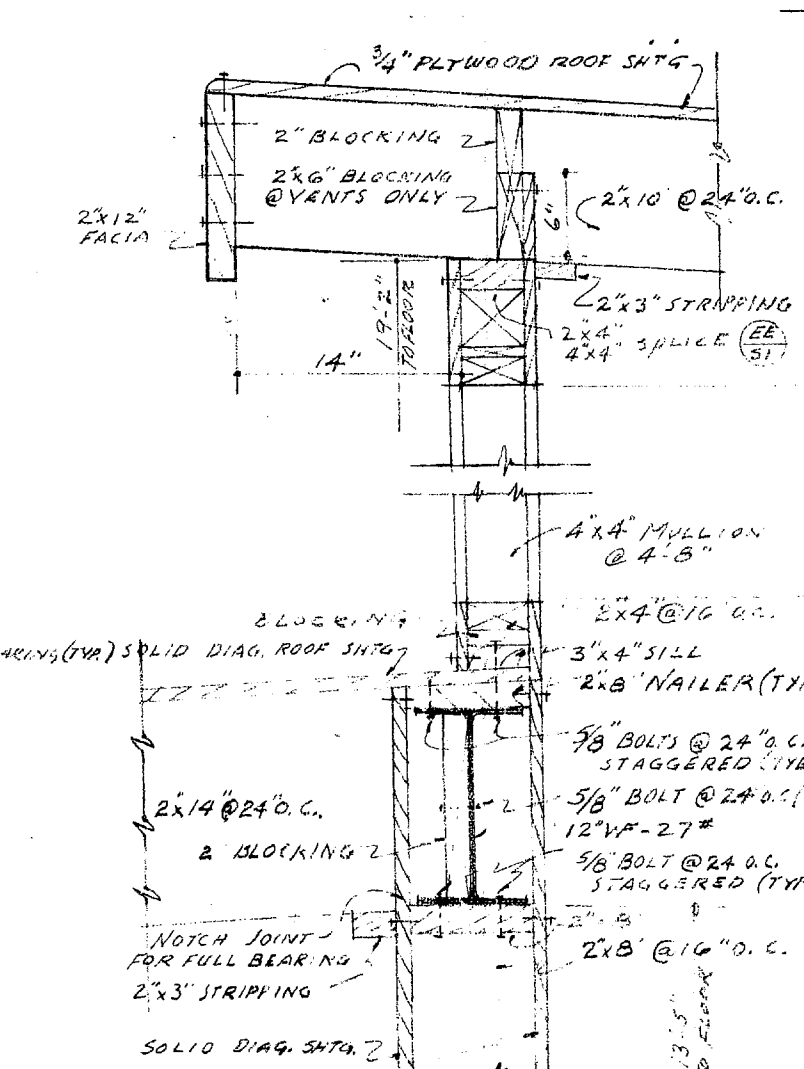
DETAIL DOUBLE LOCKER BASE (M)  
SCALE: 1 1/2\"/>



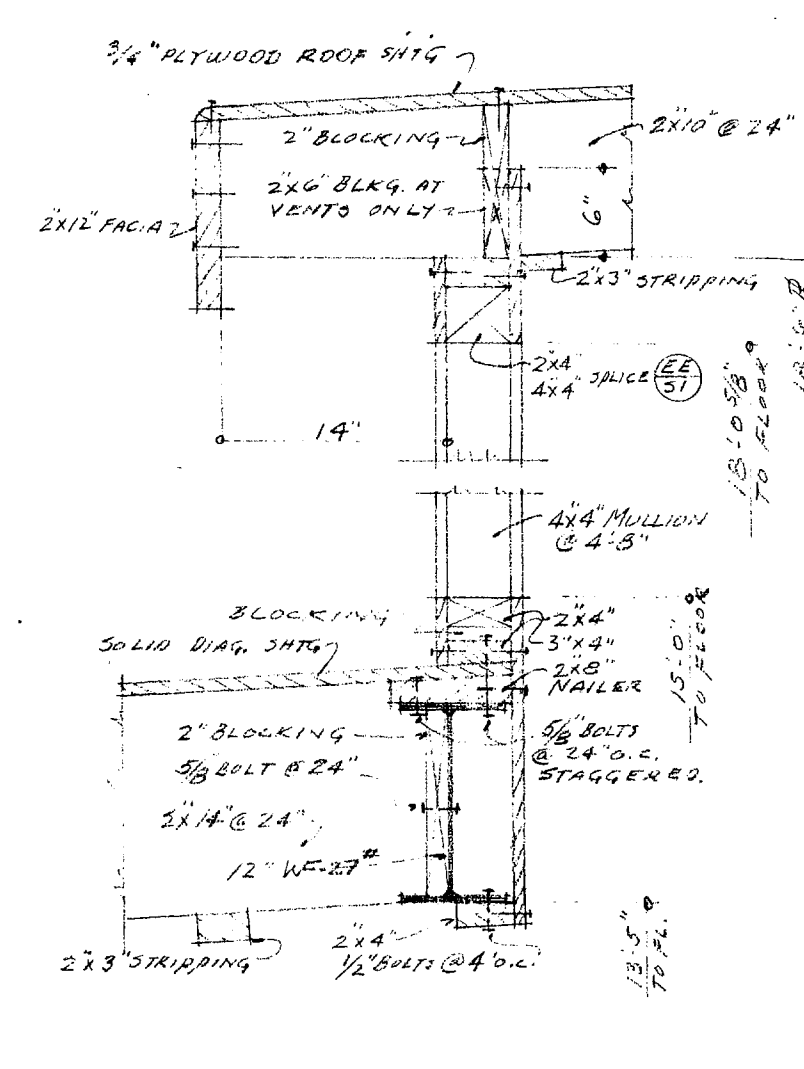
DETAIL SINGLE LOCKER BASE (N, N')  
SCALE: 1 1/2\"/>



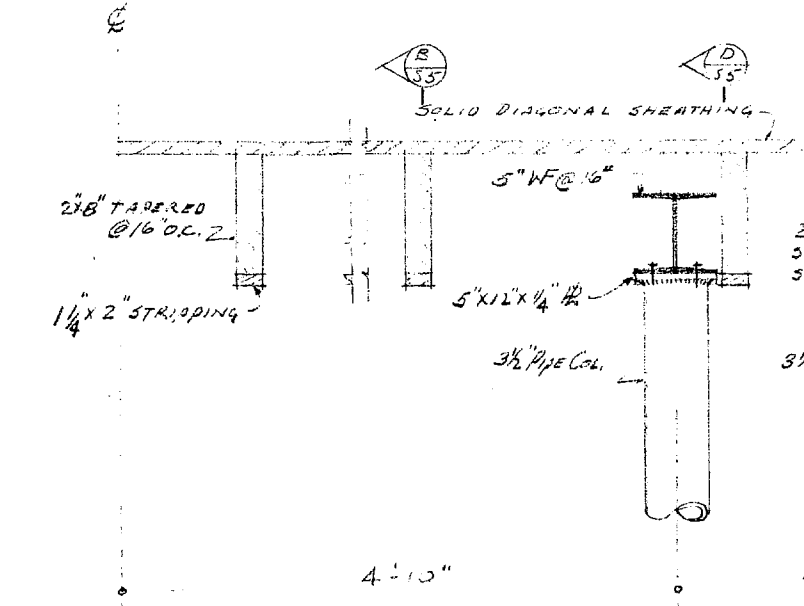
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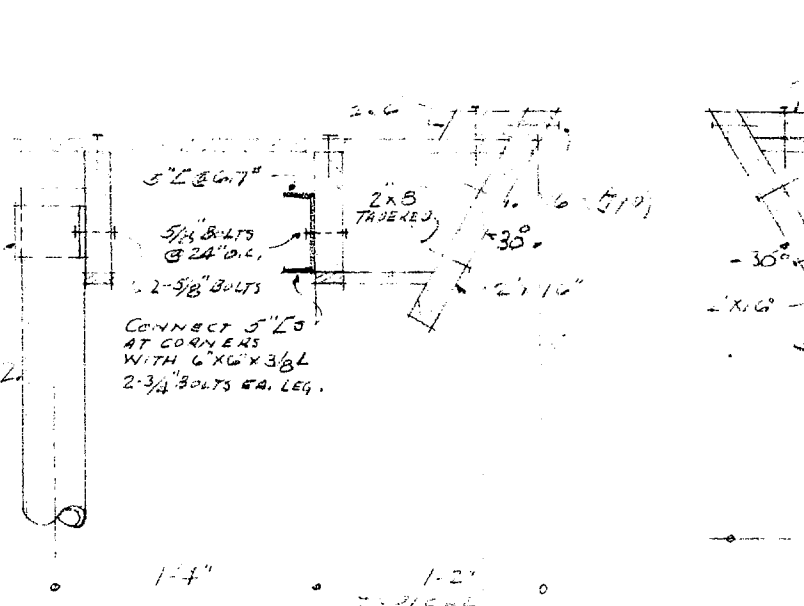
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NORTH SIDE



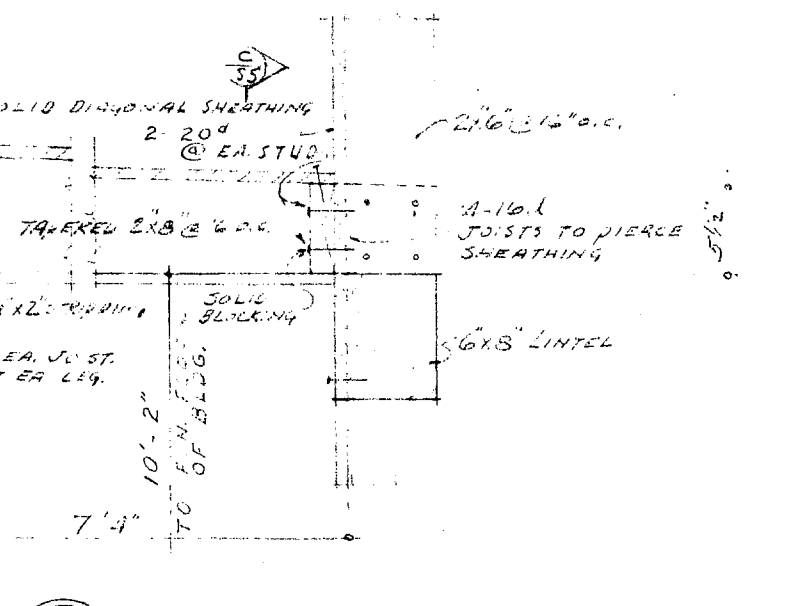
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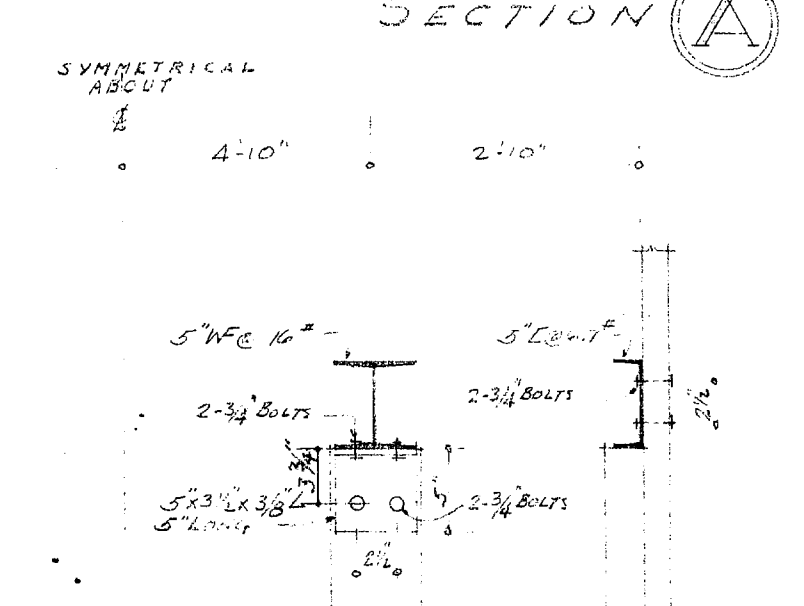
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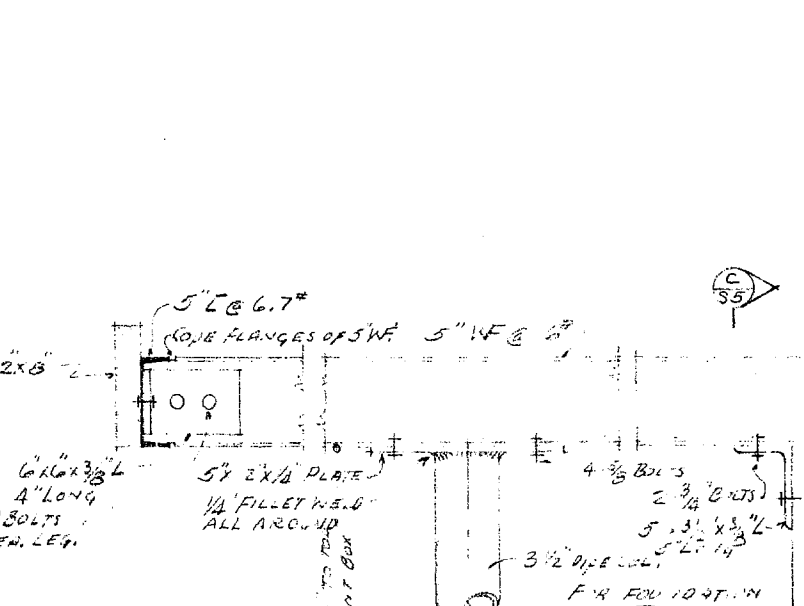
SECTION B



SECTION E



SECTION C



SECTION D  
SCALE: 1 1/2\"/>



SECTION F

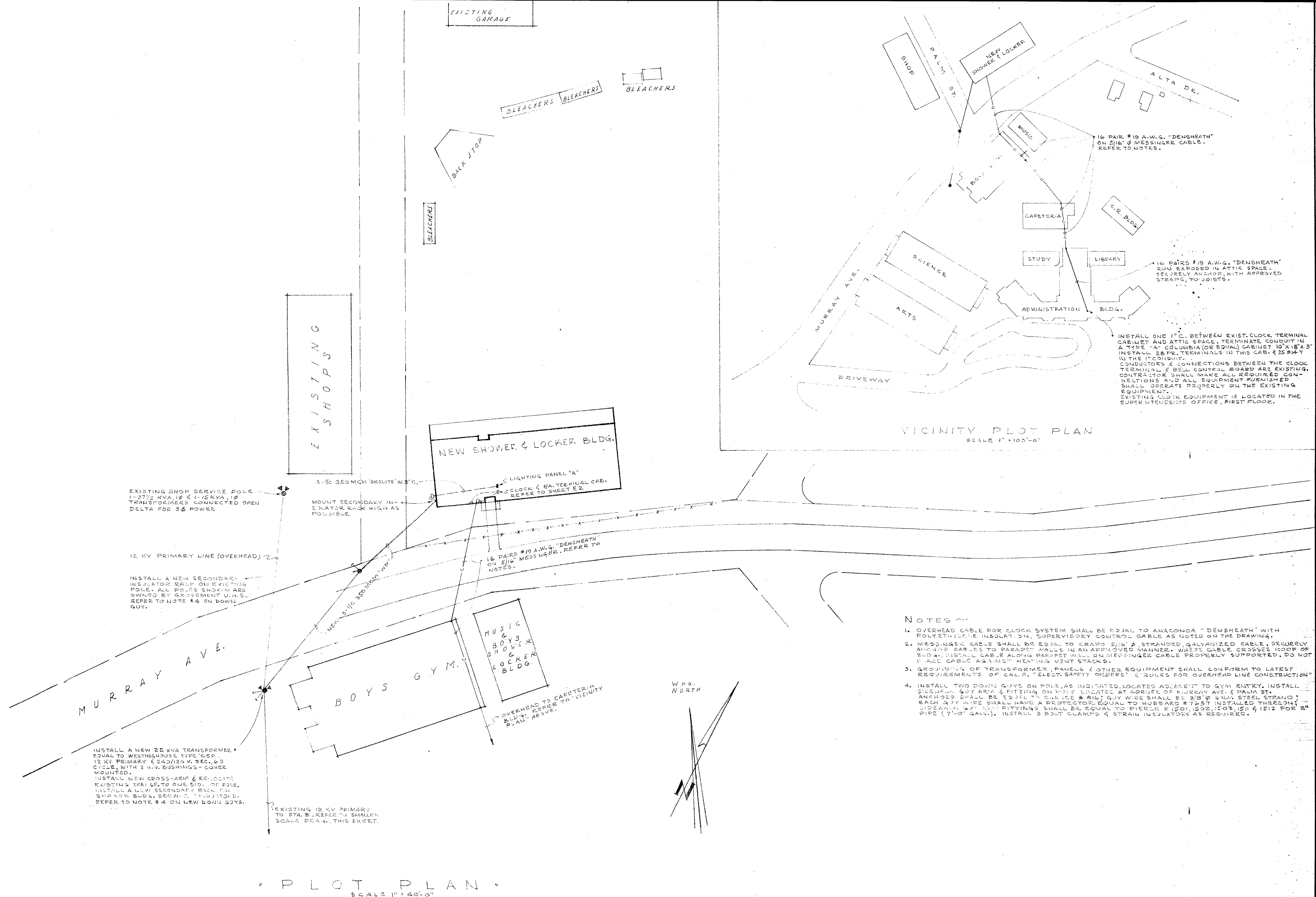
APPROVED  
DATE: MAR 18 1949

APPROVED  
BY: \_\_\_\_\_  
BY: \_\_\_\_\_  
BY: \_\_\_\_\_  
BY: \_\_\_\_\_  
BY: \_\_\_\_\_

STATE OF CALIFORNIA - DEPT. OF PUBLIC WORKS  
DIVISION OF HIGHWAYS  
6556  
Blas Peterson  
SUPERVISING STRUCTURAL ENGINEER

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB  
DATE: MAR 1949  
DR. BY: R.M.B.  
CHECKED BY: \_\_\_\_\_  
SHEET NO. 5  
OF 5 SHEETS  
JOB NO. 291-53  
MISCELLANEOUS DETAILS  
GIRLS PHYSICAL EDUC. BLDG.  
FOR  
GROSSMONT UNION HIGH SCHOOL DIST.  
SAN DIEGO COUNTY, CALIF.  
KISTNER, CURTIS & WRIGHT  
ARCHITECTS AND ENGINEERS  
LOS ANGELES, CALIF. SAN DIEGO, CALIF.





• P L O T P L A N •  
SCALE 1" = 40'-0"

VICINITY PLOT PLAN  
SCALE 1" = 100'-0"

# NOTES ~

- OVERHEAD CABLE FOR CLOCK SYSTEM SHALL BE EQUAL TO ANACONDA "DENSHEATH" WITH POLYETHYLENE INSULATION; SUPERVISORY CONTROL CABLE AS NOTED ON THE DRAWING.
- MESSING CABLES SHALL BE EQUAL TO GRAPD 5/16" 3 STRANDED GALVANIZED CABLE. SECURELY ANCHOR CABLES TO PARAPET WALLS IN AN APPROVED MANNER. WHERE CABLE CROSSES ROOF OF BLDG., INSTALL CABLE ALONG PARAPET WALL ON MESSING CABLE PROPERLY SUPPORTED. DO NOT PLACE CABLE AGAINST HEATING VENT STACKS.
- GROUNDING OF TRANSFORMER, PANELS & OTHER EQUIPMENT SHALL CONFORM TO LATEST REQUIREMENTS OF CALIF. "ELECT. SAFETY ORDERS" & RULES FOR OVERHEAD LINE CONSTRUCTION.
- INSTALL TWO DOWN GUYS ON POLE, AS INDICATED, LOCATED ADJACENT TO GYM ENTRY. INSTALL SUBJ. 3/4" GUY ARM & FITTING ON POLE LOCATED AT CORNER OF MURRAY AVE. & PALM ST. ANCHORS SHALL BE EQUAL TO CHANCE # 8161 GUY WIRE SHALL BE 3/8" GALV. STEEL STRAND. EACH GUY WIRE SHALL HAVE A PROTECTOR EQUAL TO HUBBARD # 7057 INSTALLED THEREON. SIDEWALL GUY FITTINGS SHALL BE EQUAL TO PIERCE # 1501, 1502, 1503, 1511 & 1512 FOR 2" PIPE (7'-0" GALV.). INSTALL 3 BOLT CLAMPS & STRAIN INSULATORS AS REQUIRED.

<p><b>APPROVED</b> OFFICE of the SUPERINTENDENT of SCHOOLS SANDIEGO COUNTY <i>John S. Carroll</i> JOHN S. CARROLL MAR 18 1949</p>	<p>APPROVED</p> <p>By - _____</p> <p>By - _____</p> <p>By - _____</p> <p>By - _____</p> <p>MEMBERS OF GOVERNING BOARD GROSSMONT UNION HIGH SCHOOL DIST.</p>	<p>STATE OF CALIFORNIA - DEPT. OF PUBLIC WORKS DIVISION OF ARCHITECTURE APPLICATION NO. 6886 <i>Charles Peterson</i> SUPERVISING STRUCTURAL ENGINEER</p> <p><i>J. A. Curtis</i> ARCHITECT</p> <p>STRUCTURAL ENGINEER</p>	<p>CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB</p> <p><b>ELECTRICAL PLOT PLAN</b></p> <p>GIRLS PHYSICAL EDUC. BLDG. FOR GROSSMONT UNION HIGH SCHOOL DIST. SAN DIEGO COUNTY, CALIF.</p> <p><b>KISTNER, CURTIS &amp; WRIGHT</b> ARCHITECTS AND ENGINEERS LOS ANGELES, CALIF. SAN DIEGO, CALIF.</p> <p>DATE DR. BY CHECKED BY SHEET NO. OF SHEETS JOB NO. 201-53</p>
			<p>5-6-49</p>

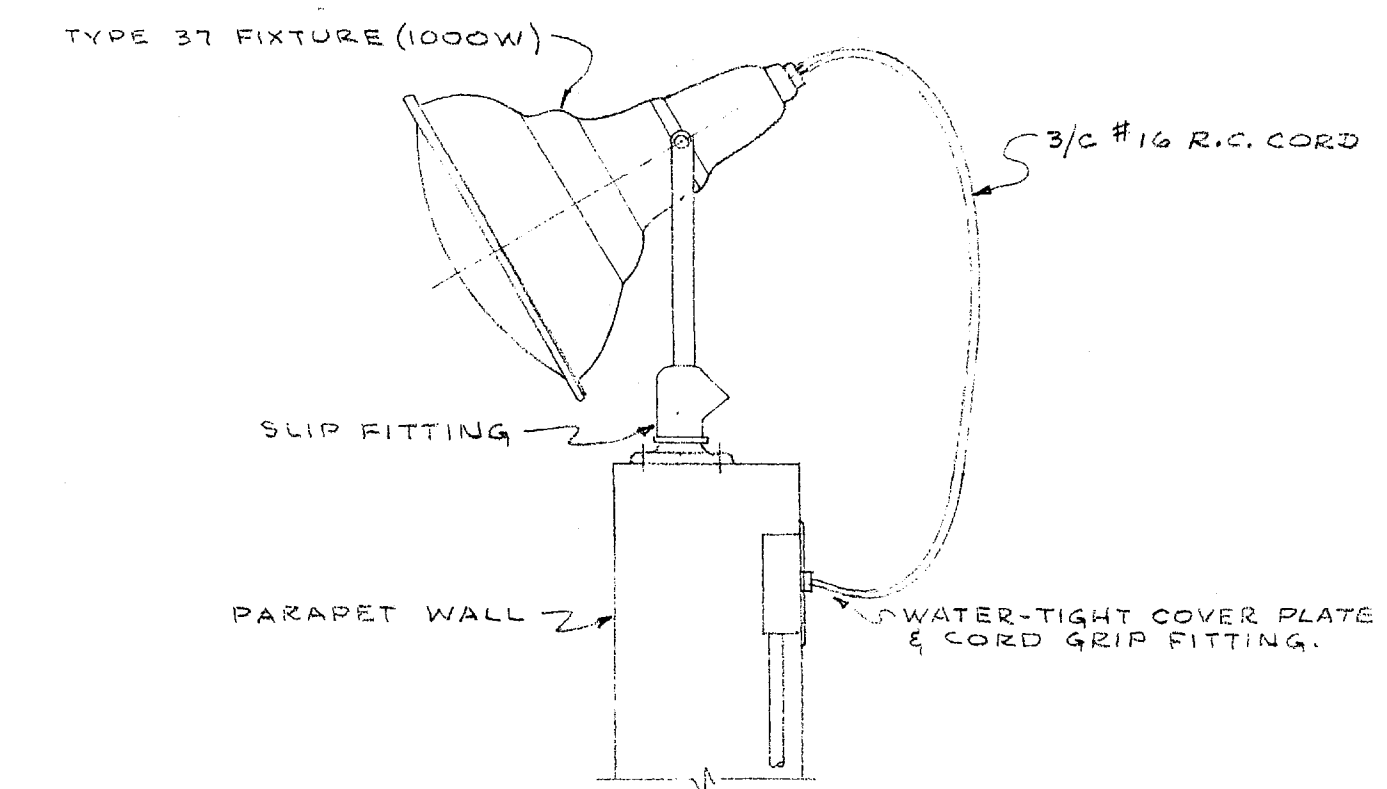


# SYMBOLS & NOTES

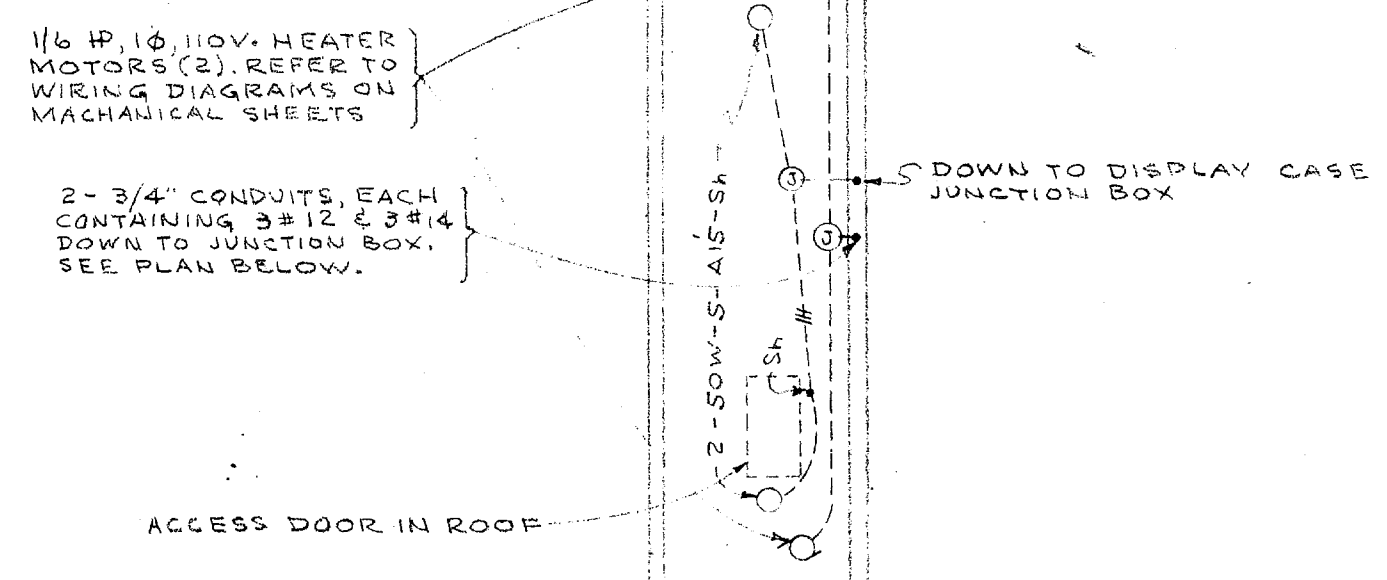
- LIGHTING OUTLET - IN CEILING.
- LIGHTING OUTLET - WALL MOUNTING.
- GERMICIDAL OUTLET
- JUNCTION BOX
- THERMOSTAT OUTLET, +5'-0" (EXACT LOCATION SHALL BE DETERMINED BY HEATING CONTRACTOR)
- FLOODLIGHT OUTLET - REFER TO MOUNTING DETAIL.
- SPECIAL RECEPTACLE - WALL MOUNTING, AS NOTED.
- DUPLEX CONVENIENCE OUTLET - +12" UNLESS NOTED OTHERWISE.
- MOTOR, AS NOTED.
- SURFACE MOUNTING CABINET OR EQUIPMENT, AS NOTED.
- FLUSH MOUNTING LIGHTING PANEL.
- TOGGLE SWITCH, +4'-6"
- KEY OPERATED TOGGLE SWITCH, +4'-6"
- KEY OPERATED 3 WAY TOGGLE SWITCH, +4'-6"
- CONDUIT RUN CONCEALED IN WALL OR CEILING.
- CONDUIT RUN CONCEALED UNDER FLOOR OR RUN UNDERGROUND.
- CONDUIT RUN EXPOSED.

- CROSS HATCHES ON CONDUIT RUNS INDICATE THE NUMBER OF CONDUCTORS.
- CONDUIT RUNS WITHOUT CROSS HATCHES SHALL BE 2 #12 A.W.G. IN 1/2" CONDUIT.
- MINIMUM WIRE SIZE FOR 120 OR 240 VOLT WIRING SHALL BE #12 A.W.G. UNLESS NOTED OTHERWISE.
- ALL CONDUIT SIZES SHALL CONFORM TO THE "CALIFORNIA ELECTRICAL SAFETY ORDERS" UNLESS NOTED AS LARGER.
- SUBSCRIPTS OF A, B, C, ETC. AT SWITCH SYMBOLS ARE TO DIFFERENTIATE SWITCHES.
- +4'-6" INDICATES MOUNTING HEIGHT OF 4'-6" FROM FLOOR TO CENTER OF OUTLET OR EQUIPMENT.
- 3-500W-31-A1-PANEL, AT A FIXTURE INDICATES: 3 = NUMBER OF FIXTURES; 500W = WATTAGE PER FIXTURE; 31 = FIXTURE TYPE; A1 = CIRCUIT NUMBER; PANEL = CIRCUIT CONTROLLED AT PANEL CIRCUIT BREAKER.
- MH = FIXTURE MOUNTING HEIGHT - FLOOR TO BOTTOM OF FIXTURE.
- THE ELECTRICAL CONTRACTOR SHALL REMOVE THE TWO-SPEED SWITCHES FURNISHED WITH THE UNIT HEATERS & INSTALL THE SWITCHES AT LOCATIONS INDICATED.
- ALL TYPE 2 FIXTURES SHALL HAVE MOUNTING HEIGHT OF 10'-0"
- UNIT HEATER CONTROL WIRING SHALL BE INSTALLED AS INDICATED ON WIRING DIAGRAMS - REFER TO HEATING PLANS.

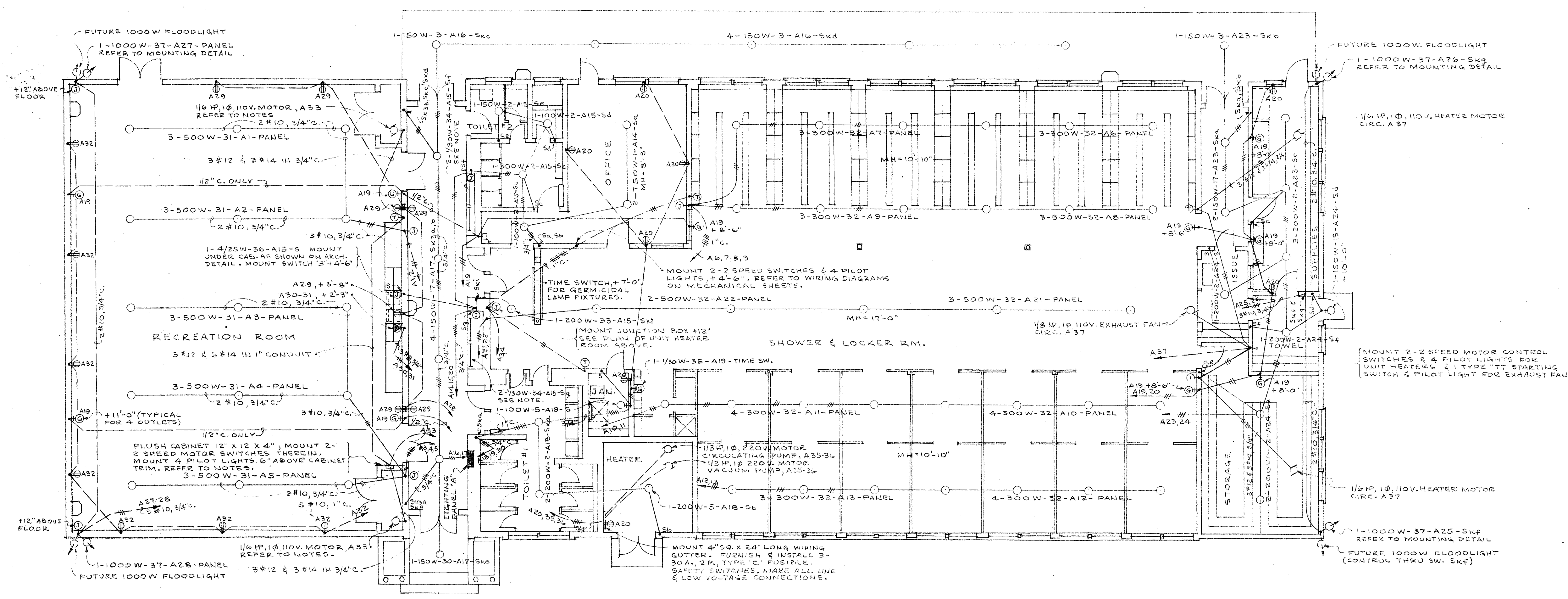
CIRC. NO.	NO. OF OUTLETS	LOAD WATTS	CIRCUIT BREAKER
1	3	1500	25A, 1P.
2	3	1500	
3	3	1500	
4	3	1500	
5	3	1500	
6	3	900	20A, 1P.
7	3	900	
8	3	900	
9	3	900	
10	4	1200	
11	4	1200	
12	4	1200	
13	3	900	
14	2	1800	
15	9	1250	15A, 1P.
16	5	750	
17	5	750	
18	4	1000	
19	11	550	
20	9	1350	
21	3	500	20A, 1P.
22	2	1000	
23	6	1050	15A, 1P.
24	4	950	
25	1	1000	25A, 1P.
26	1	1000	
27	1	1000	
28	1	1000	
29	7	1050	15A, 1P.
30	1	5400	55A, 2P.
31	2	800	
32	2	800	
33	2	1430	20A, 2P.
34	3	1100	15A, 1P.
35	SPACE	1000	15A, 1P.
36	SPACE ONLY		
37	SPACE ONLY		
38	SPACE ONLY		
39	SPACE ONLY		
40	SPACE ONLY		
41	SPACE ONLY		
42	SPACE ONLY		
TOTAL 43,580W = 183A. @ 240V, 1P.			



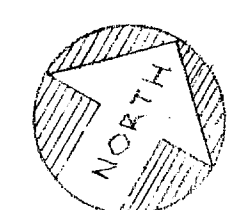
PARAPET FLOODLIGHT  
SCALE 1/2" = 1'-0"



PLAN OF HEATER ROOM ABOVE CORRIDOR  
SCALE 1/8" = 1'-0"



ELECTRICAL PLAN  
SCALE 1/8" = 1'-0"



APPROVED  
OFFICE OF THE SUPERINTENDENT OF SCHOOLS  
SAN DIEGO COUNTY  
J. H. Carroll  
MAR 18 1948

APPROVED  
Dr.  
By  
By  
MEMBERS OF GOVERNING BOARD  
GROSSMONT UNION HIGH SCHOOL DIST.

STATE OF CALIFORNIA - DEPT. OF PUBLIC WORKS  
DIVISION OF ARCHITECTURE  
APPLICATION NO. 6856  
G. R. Peterson  
REGISTERED ELECTRICAL ENGINEER

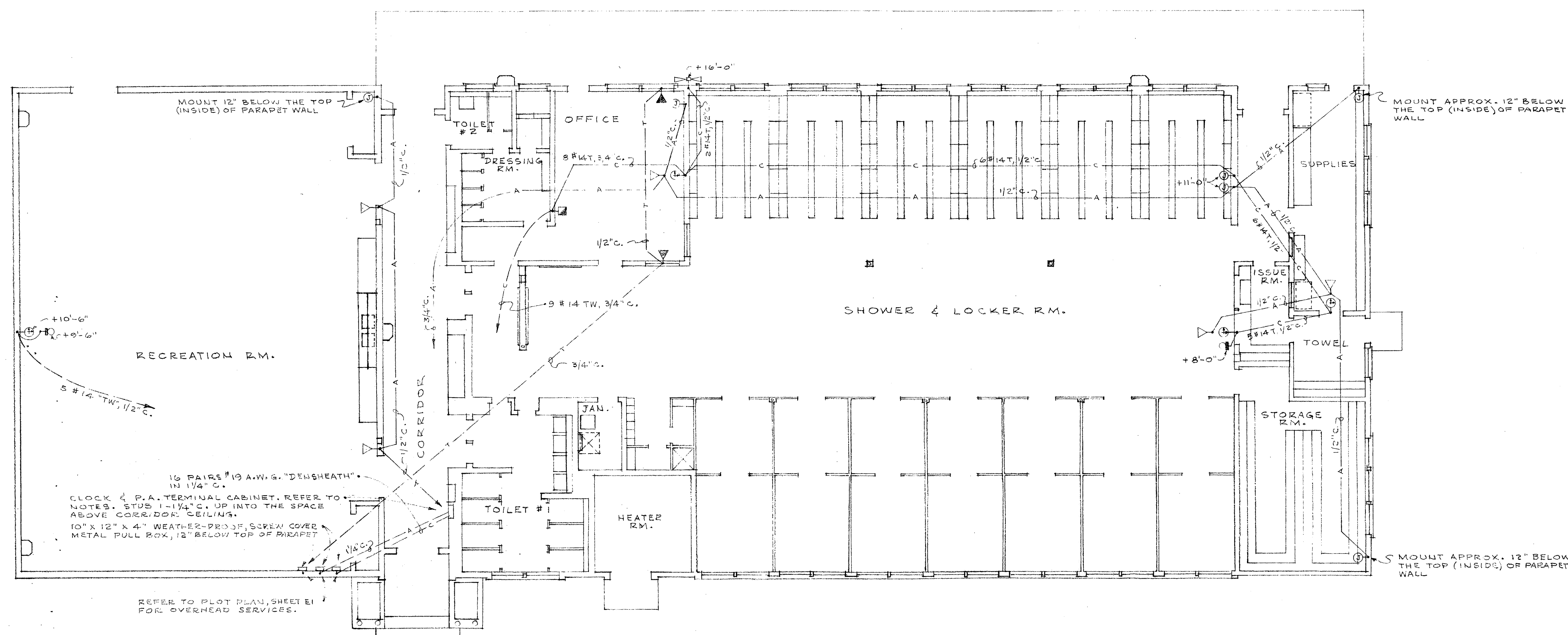
CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB  
ELECTRICAL PLAN  
GIRLS PHYSICAL EDUC. BLDG.  
FOR  
GROSSMONT UNION HIGH SCHOOL DIST.  
SAN DIEGO COUNTY, CALIF.  
KISTNER, CURTIS & WRIGHT  
ARCHITECTS AND ENGINEERS  
LOS ANGELES, CALIF. SAN DIEGO, CALIF.  
SHEET NO. E2  
JOB NO. 261-53



# SYMBOLS & NOTES

- PUBLIC ADDRESS SPEAKER OUTLET, +11'-0" UNLESS NOTED OTHERWISE.
- PUBLIC TELEPHONE OUTLET, +12'.
- YARD HORN, DUAL PROJECTOR; MOUNT AS NOTED.
- CORRIDOR BELL; MOUNT AS NOTED.
- SECONDARY CLOCK, +9'-0" UNLESS NOTED OTHERWISE.
- BREAK-GLASS FIRE REPORTING STATION, +4'-6"
- JUNCTION BOX, +12' UNLESS NOTED OTHERWISE.
- PUBLIC ADDRESS SYSTEM CONDUIT.
- PROGRAM CLOCK SYSTEM CONDUIT.
- PUBLIC TELEPHONE SYSTEM CONDUIT.

- REFER TO PLOT PLAN FOR CONNECTIONS TO MAIN BLDG. EQUIPMENTS.
- THE TERMINAL CABINET SHALL HAVE A METAL PARTITION OR BARRIER BETWEEN THE P.A. & CLOCK SYSTEMS. THE FOLLOWING TERMINALS SHALL BE INSTALLED IN THE CABINET: 21 TWO WAY FOR PUBLIC ADDRESS & 21 TWO WAY FOR THE CLOCK SYSTEM.
- THE CLOCK & PUBLIC ADDRESS CONDUITS & TERMINAL CABINET SHALL BE GROUNDED BY A #6 BARE COPPER CONDUCTOR CONNECTED TO NEAREST COLD WATER PIPE.
- OMIT THE BUZZER IN THE RECREATION RM. & SHOWER RM. CLOCKS.



<b>APPROVED</b> OFFICE OF THE SUPERINTENDENT OF SCHOOLS SAN DIEGO COUNTY <i>John J. Carroll</i> J. J. CARROLL MAR 18 1949	<b>APPROVED</b> BY BY BY BY BY BY MEMBERS OF GOVERNING BOARD GROSSMONT UNION HIGH SCHOOL DIST.	STATE OF CALIFORNIA - DEPT. OF PUBLIC WORKS DIVISION OF ARCHITECTURE APPLICATION NO. 6886 APPROVED 5-6-49 <i>Charles Peterson</i> SUPERVISING STRUCTURAL ENGINEER	CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB PUBLIC ADDRESS SYSTEM, SIGNAL & COMMUNICATIONS PLAN GIRLS PHYSICAL EDUC. BLDG. GROSSMONT UNION HIGH SCHOOL DIST. SAN DIEGO COUNTY CALIF.
		ARCHITECT <i>R. P. Curtis</i> STRUCTURAL ENGINEER	KISTNER, CURTIS & WRIGHT ARCHITECTS AND ENGINEERS LOS ANGELES, CALIF.



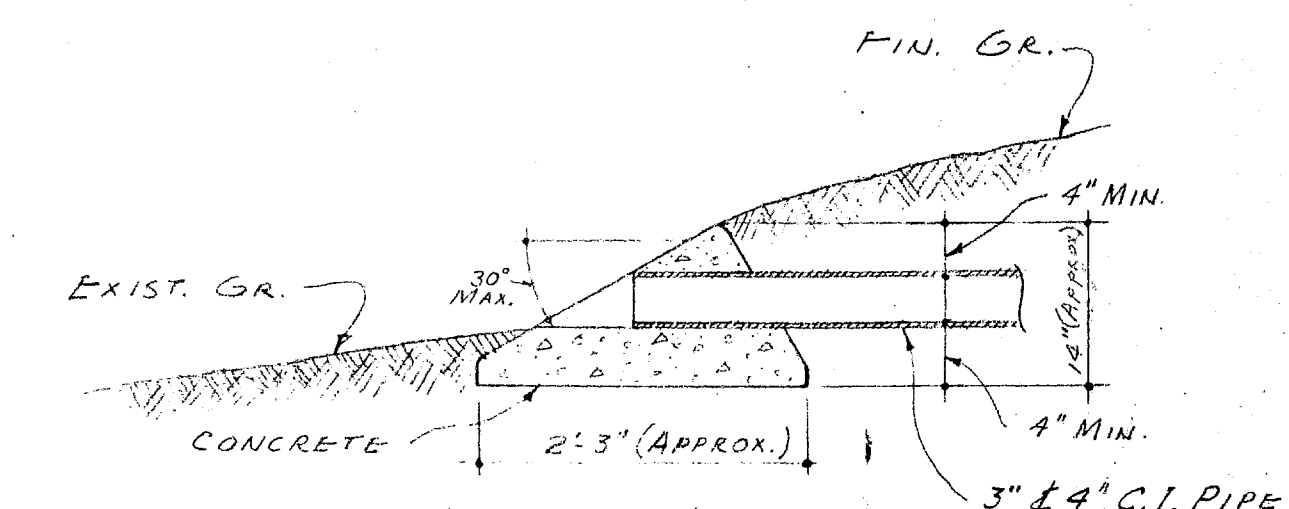
GARAGE

BLEACHERS ETC.

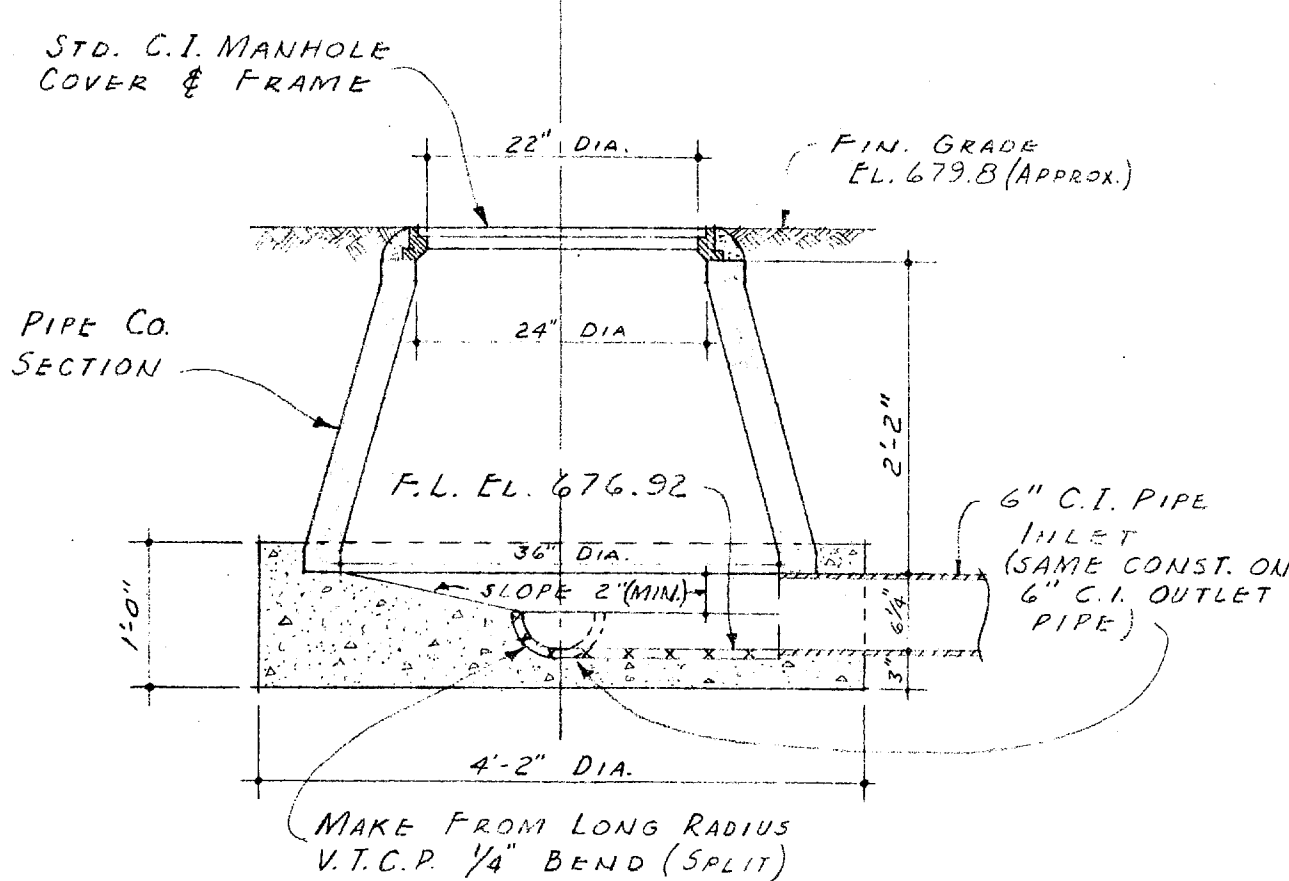
RUN 4" PIPE THRU. EXIST.  
CONC. & ROCK CURB.

EXIST. GR.

DETAIL "A"  
SCALE 3/4" = 1'-0"



DETAIL "B"  
ROOF DRAIN OUTLET  
SCALE 3/4" = 1'-0"



DETAIL OF MANHOLE  
SCALE 3/4" = 1'-0"

NOTE: FOR CONTINUATION OF ALL  
STORM DRAINS SEE SHEET "M-2"

TIE EXIST. LINE FROM  
SHOP INTO NEW LINE. APPROX.  
LOCATION SHOWN. APPROX. F.L.  
EL. AT TIE IN = 679.44'

SEWER MANHOLE  
(SEE DETAIL)  
F.L. ELEV. 676.9'  
EL. 679.77 GR.

GAS METER (EXIST.)

SCIENCE BUILDING

LEGEND  
H.P. ——— HIGH PRESSURE  
C.I. ——— CAST IRON  
F.L. ——— FLOW LINE  
C.W. ——— COLD WATER

PLOT PLAN  
SCALE 1" = 40'

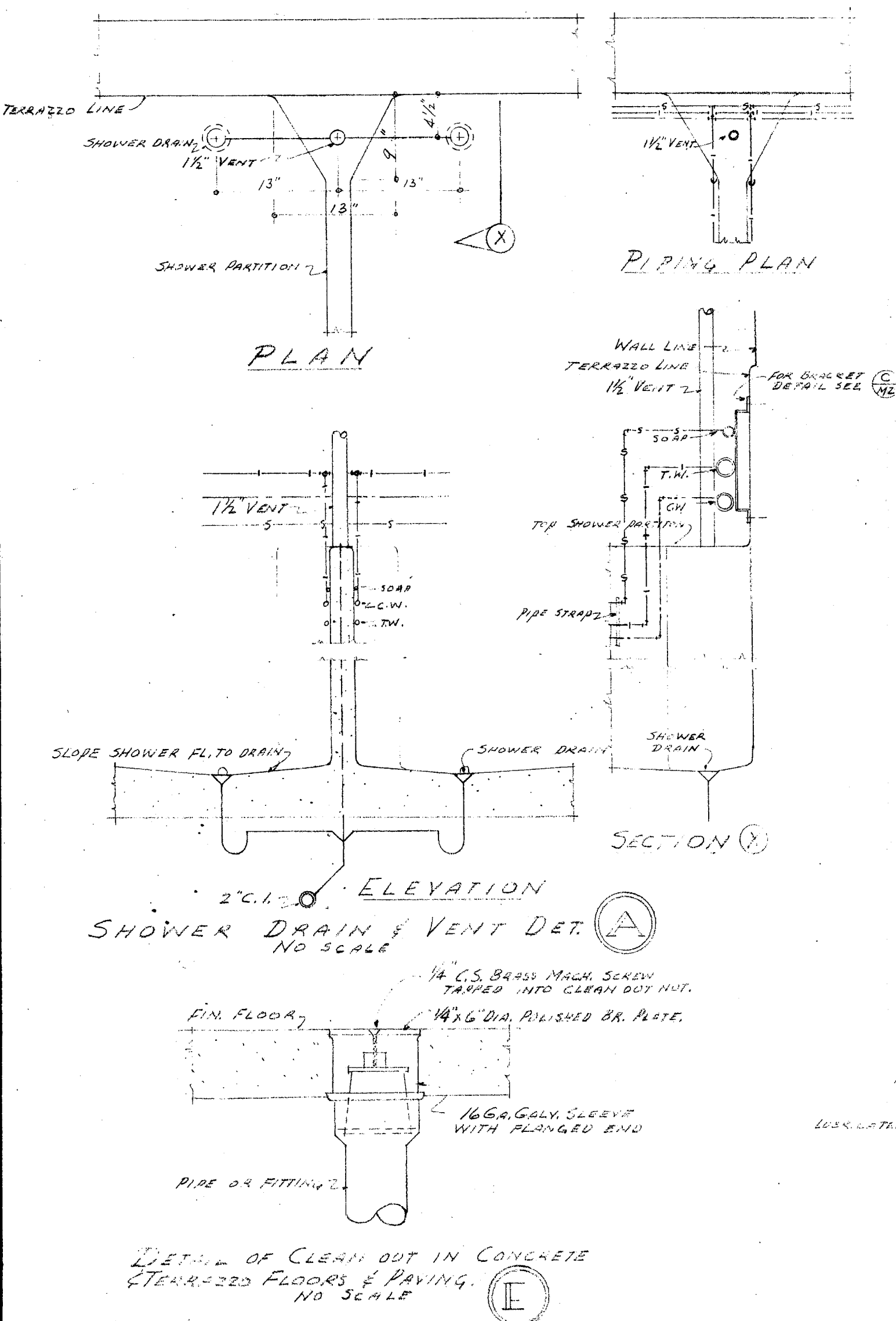
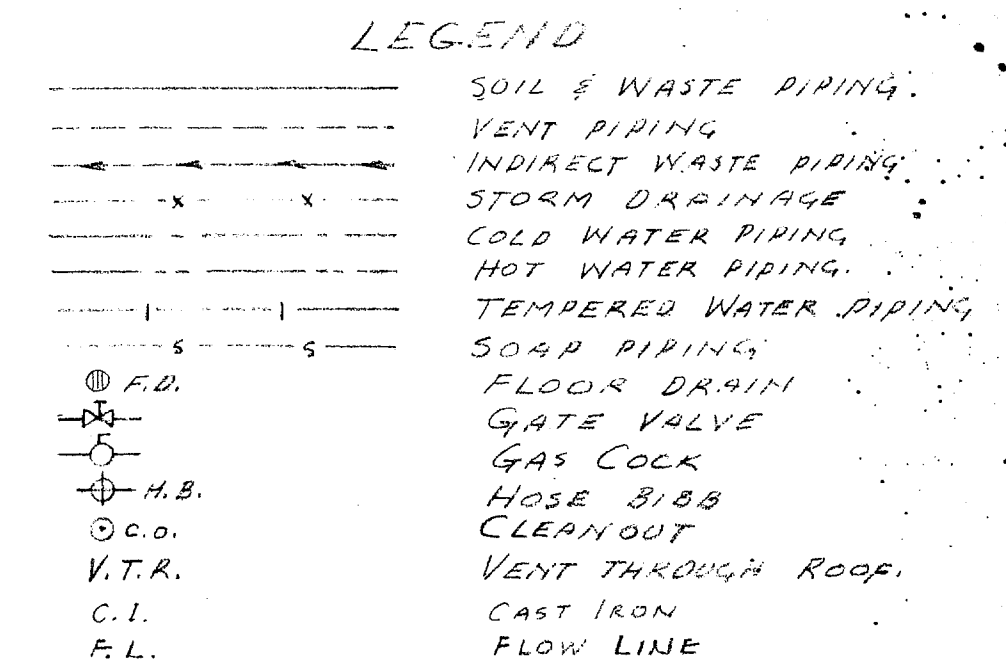
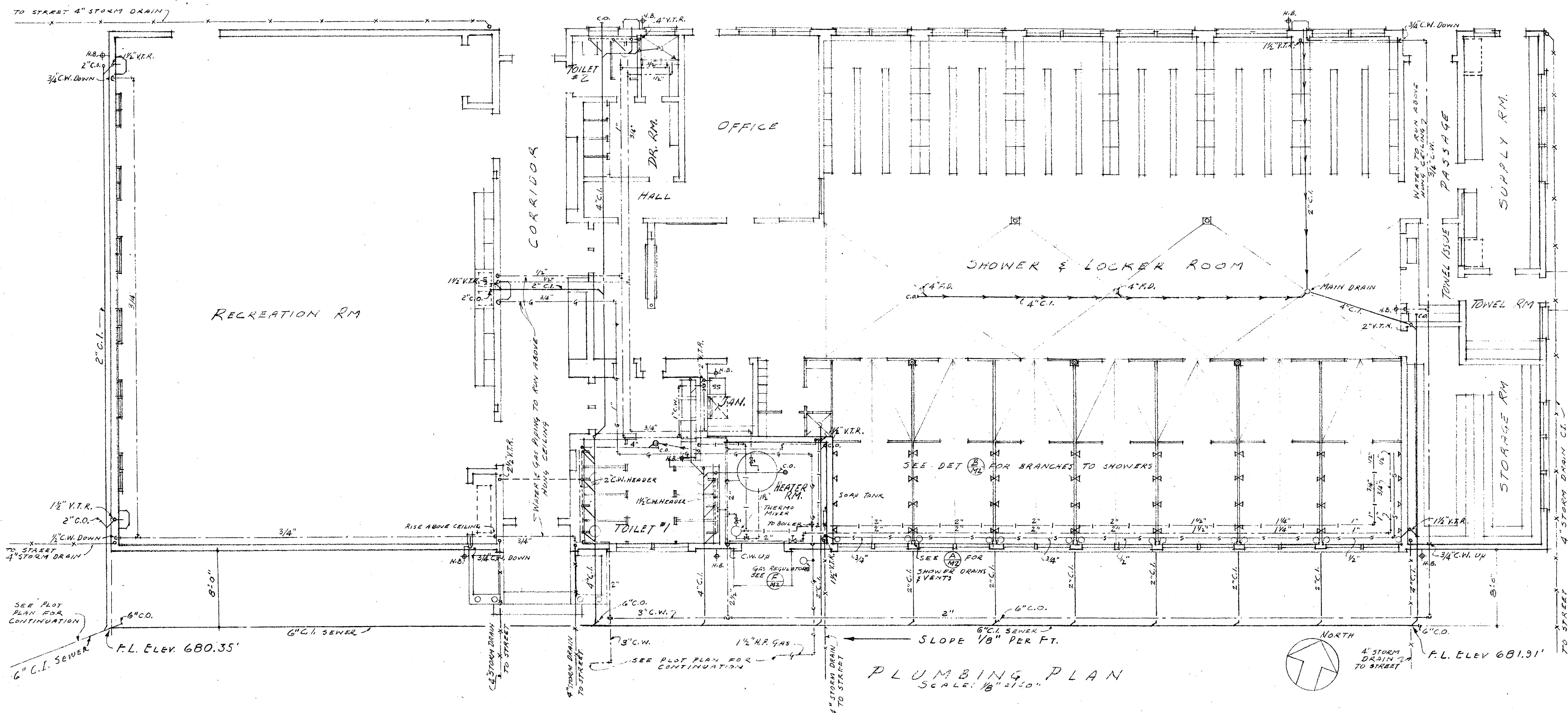
APPROVED  
OFFICE OF THE DISTRICT OF SCHOOLS  
J. H. Carter  
MAR 18 1949

APPROVED  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
BY \_\_\_\_\_  
MEMBERS OF GOVERNING BOARD  
GROSSMONT UNION HIGH SCHOOL DIST.

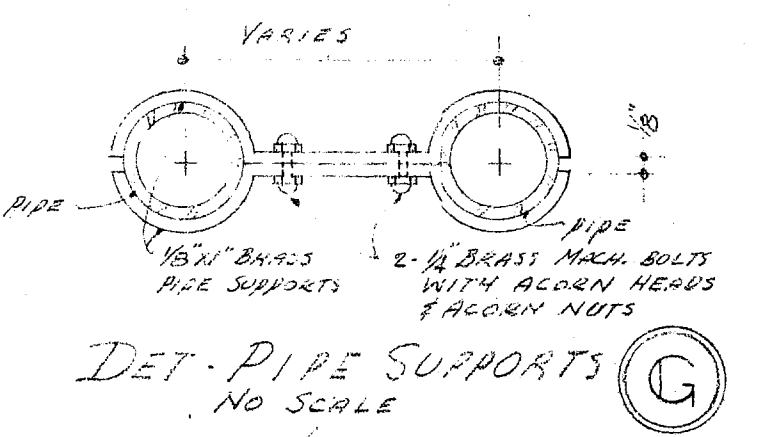
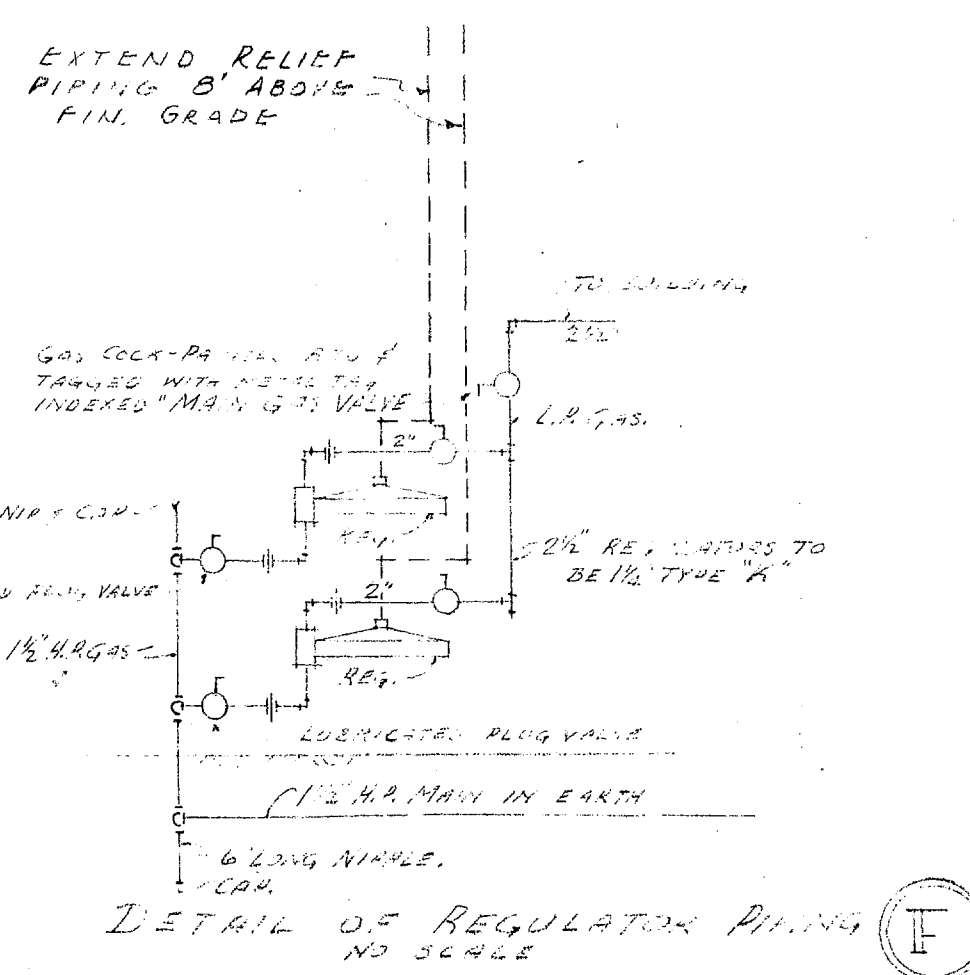
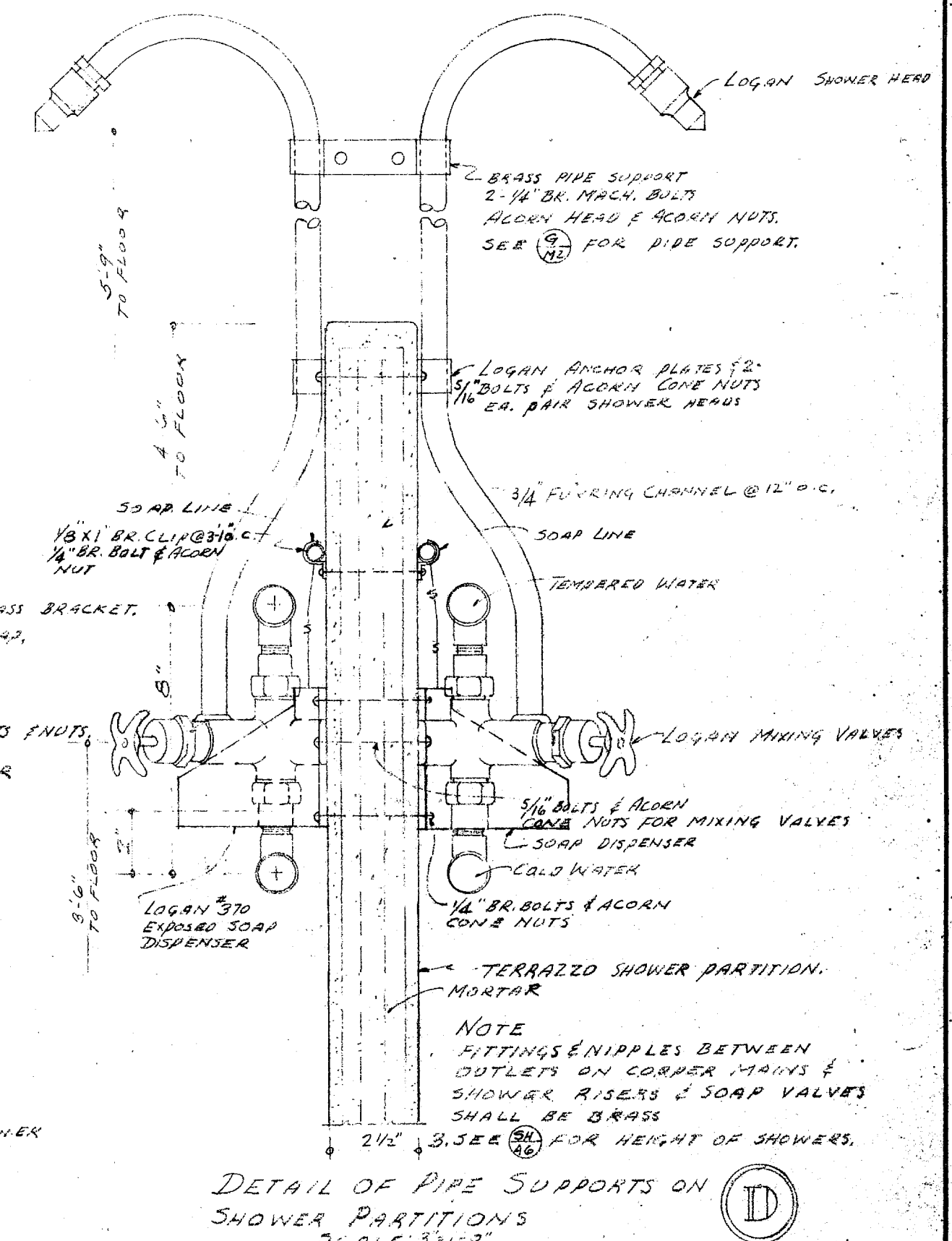
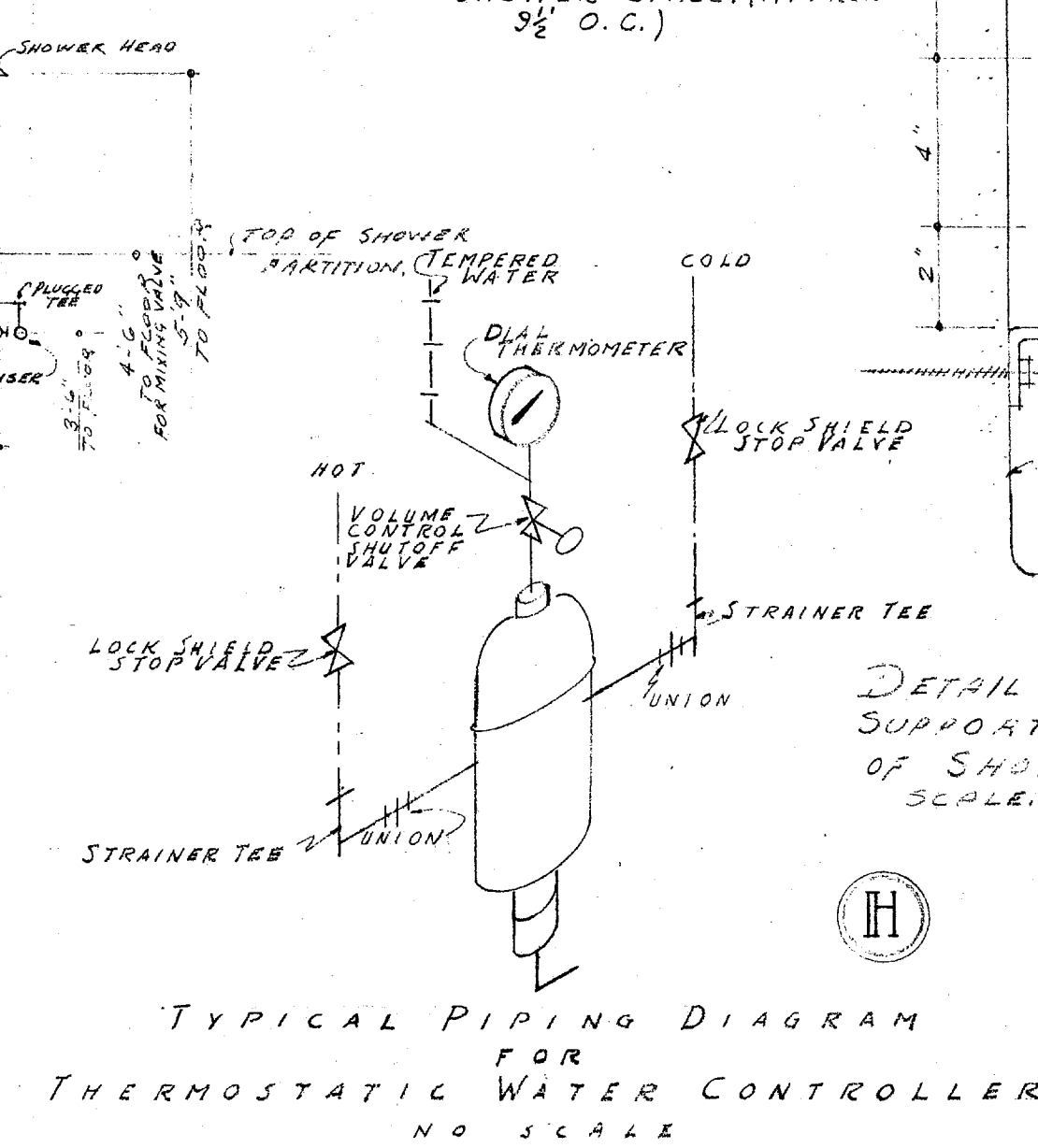
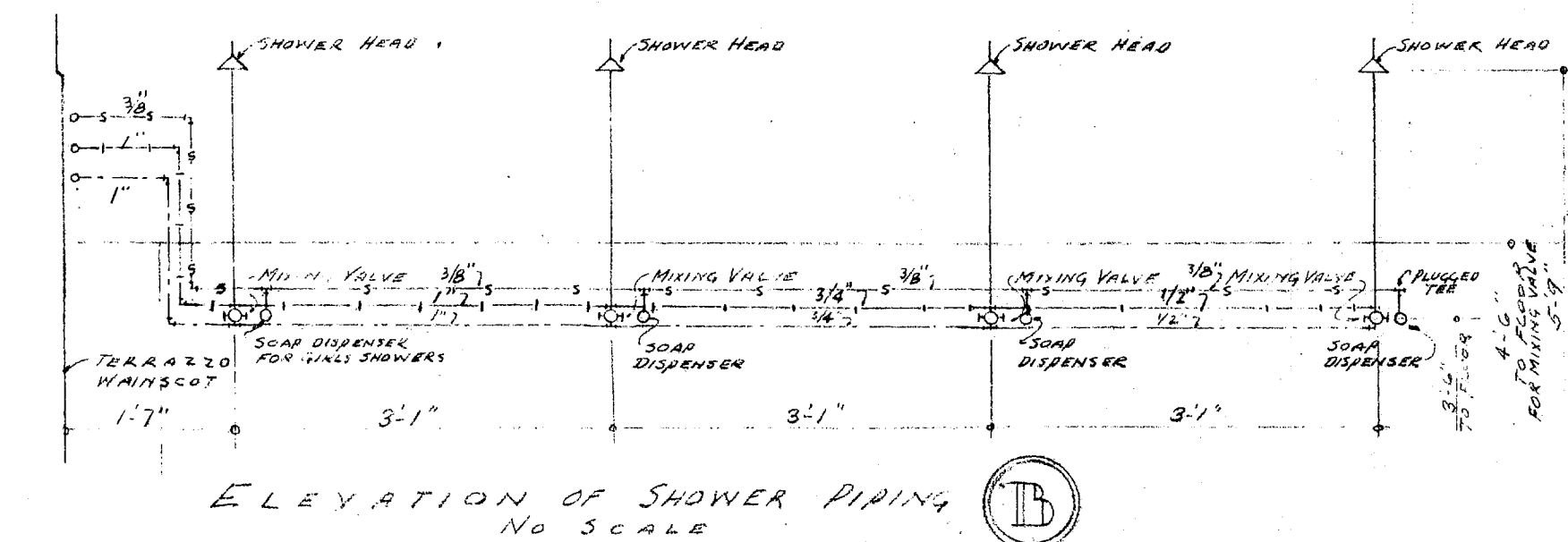
STATE OF CALIFORNIA - DEPT. OF PUBLIC WORKS  
DIVISION OF ARCHITECTURE  
APPLICATION NO. 6686  
APPROVED 5-6-49  
J. H. Carter  
SUPERVISING STRUCTURAL ENGINEER

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB  
MECHANICAL PLOT PLAN  
DATE MAR 1949  
DR. BY \_\_\_\_\_  
GIRLS PHYSICAL EDUC. BLDG.  
FOR  
GROSSMONT UNION HIGH SCHOOL DIST.  
SAN DIEGO COUNTY CALIF.  
KISTNER, CURTIS & WRIGHT  
ARCHITECTS AND ENGINEERS  
LOS ANGELES, CALIF. SAN DIEGO, CALIF.  
JOB NO. 201-513



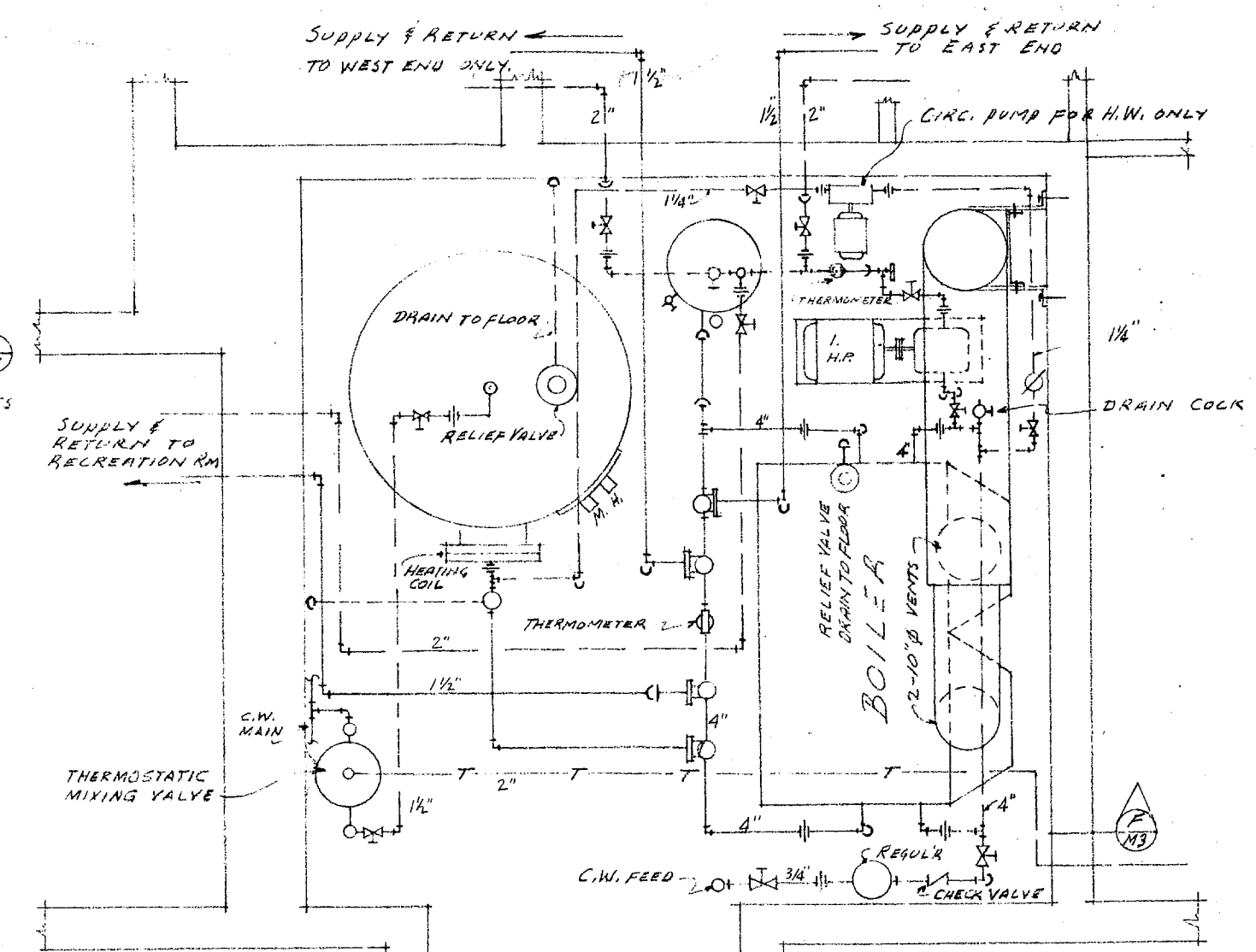
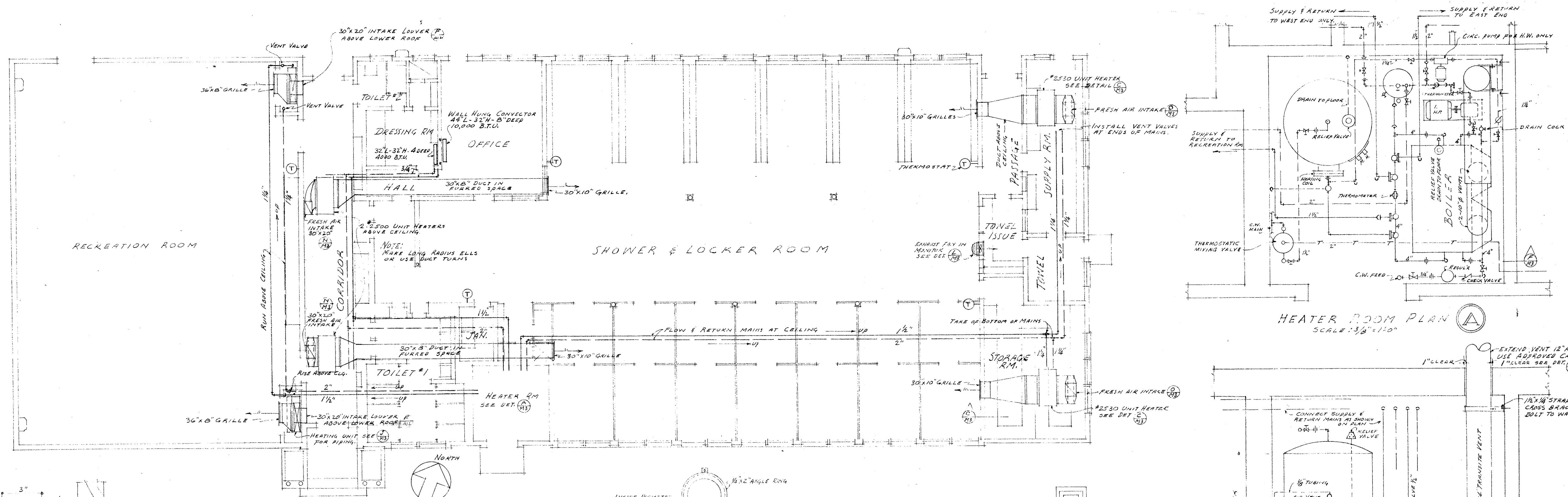


NOTE: - ON ALL SOAP LINES INSTALL A PLUGGED TEE WHERE PIPES CHANGE DIRECTION & AT ENDS OF LINES, SO ALL PIPES CAN BE RODDED TO PREVENT PLUGGING. PLUMBING CONTRACTOR SHALL FURNISH & INSTALL A DRESSER CO., STYLE 39 INSULATING COUPLING AT ALL POINTS OF CONNECTION BETWEEN STEEL PIPING & COPPER TUBING ON WATER LINES.

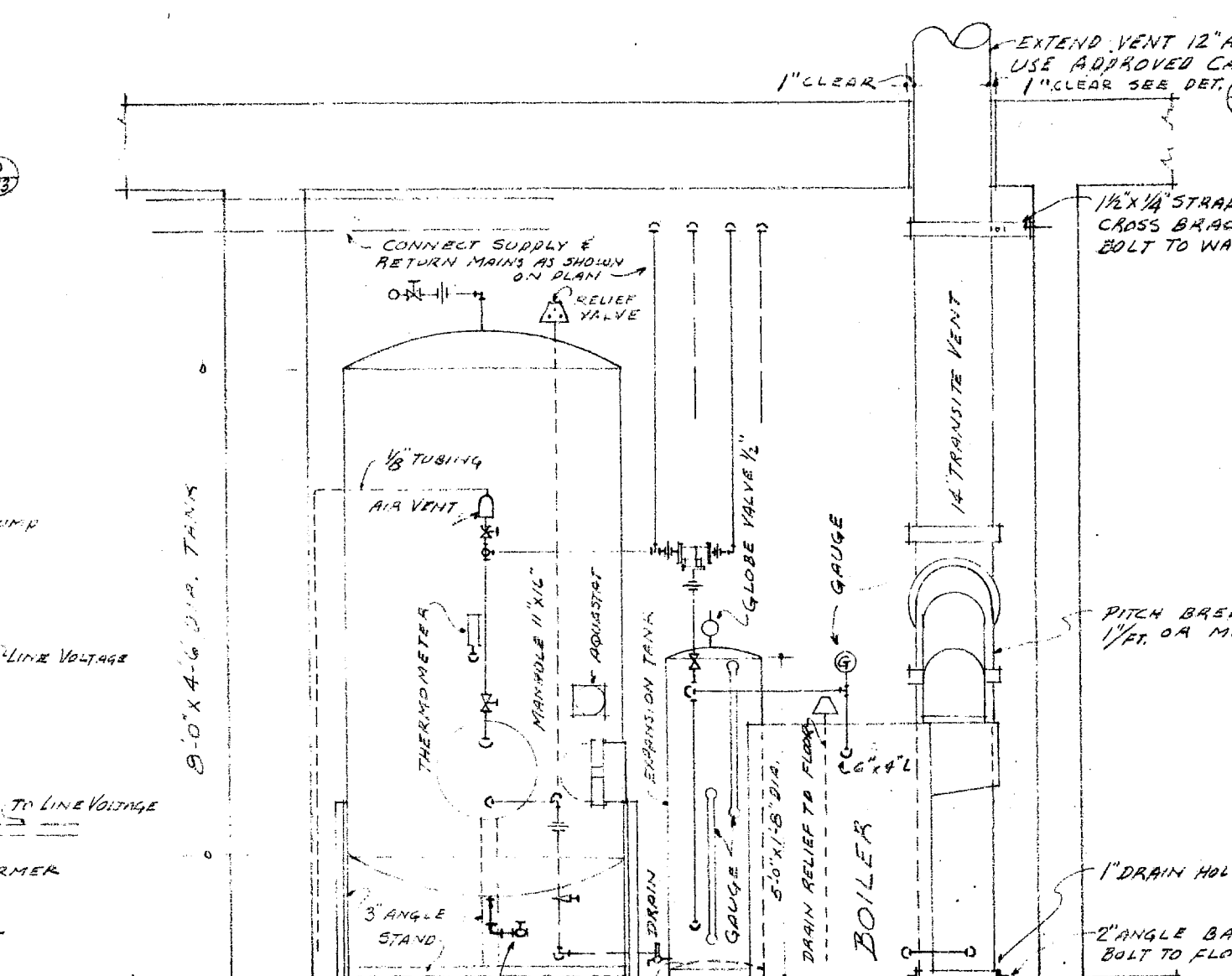


APPROVED OFFICE OF THE SUPERINTENDENT OF SCHOOLS J. H. [Signature] MAR 18 1945	APPROVED By: _____ By: _____ By: _____ By: _____ By: _____ MEMBERS OF GOVERNING BOARD GROSSMONT UNION HIGH SCHOOL DIST.	STATE OF CALIFORNIA - DEPT. OF PUBLIC WORKS DIVISION OF ARCHITECTURE APPLICATION NO. 6886 APPROVED 5-6-44 [Signature] ARCHITECT	CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB DATE _____ DR. BY: A.M. - R.M.B. CHECKED BY: _____ SHEET NO. 201 3-3
	PLUMBING PLAN GIRLS PHYSICAL EDUC. BLDG. FOR GROSSMONT UNION HIGH SCHOOL DIST. SAN DIEGO COUNTY, CALIF. KISTNER, CURTIS & WRIGHT ARCHITECTS AND ENGINEERS LOS ANGELES, CALIF. SAN DIEGO, CALIF.		





HEATER ROOM PLAN  
SCALE: 3/8" = 1'-0"

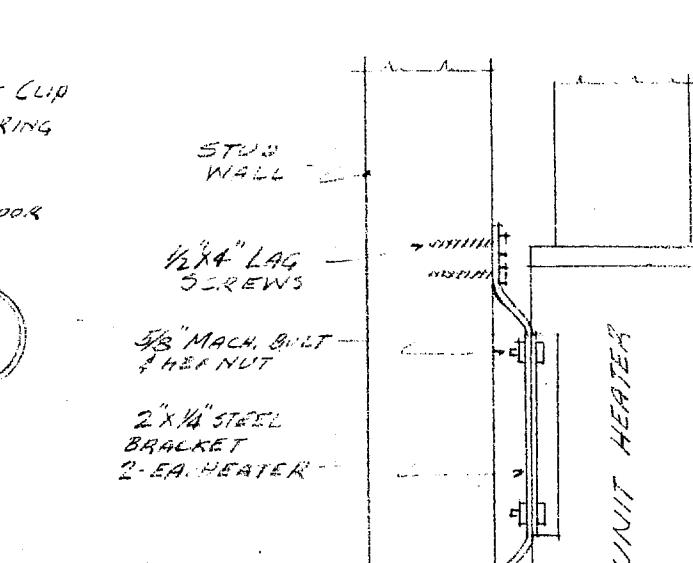


HEATER ROOM ELEVATION  
SCALE: 3/8" = 1'-0"

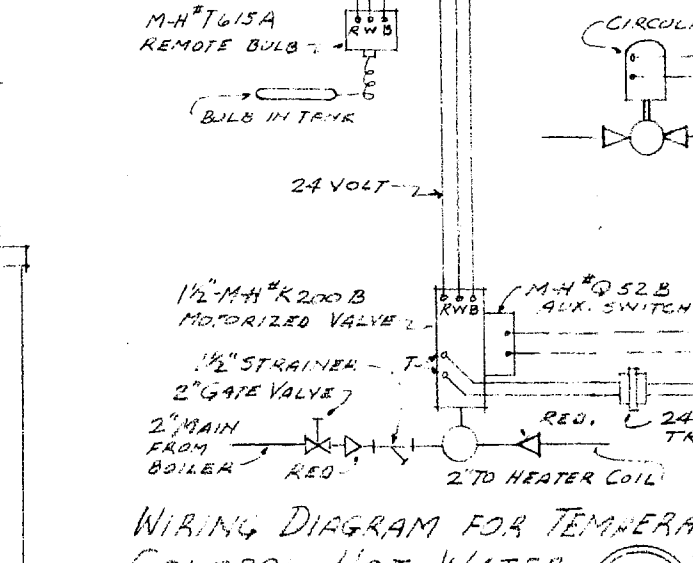
HEATING PLAN  
SCALE 1/8" = 1'-0"



FLOOR PLATE  
FOR EXPANSION TANK

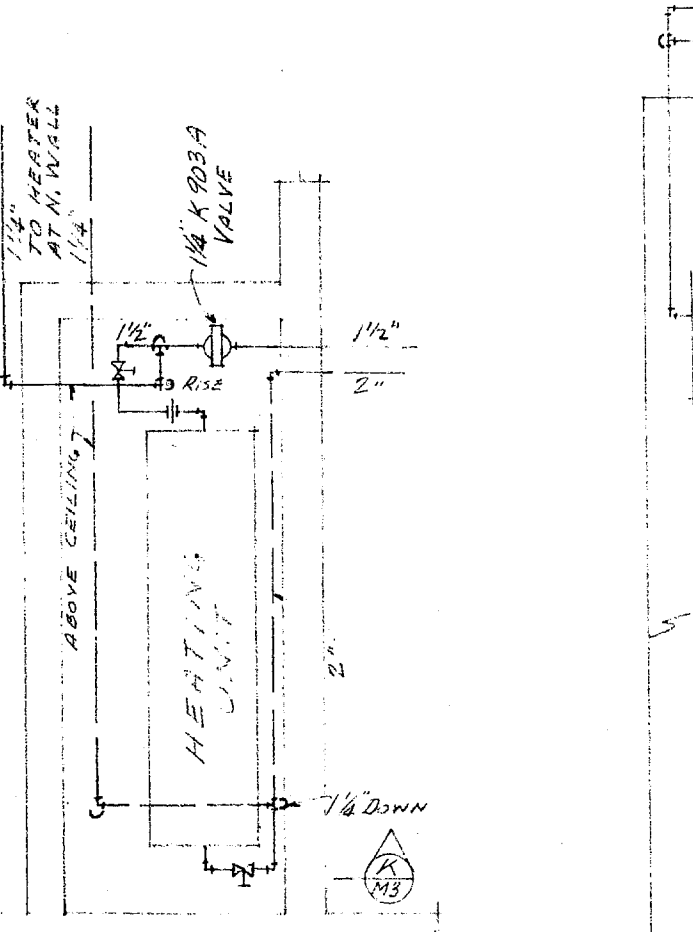


DETAIL OF UNIT HEATER IN SUPPLY ROOM

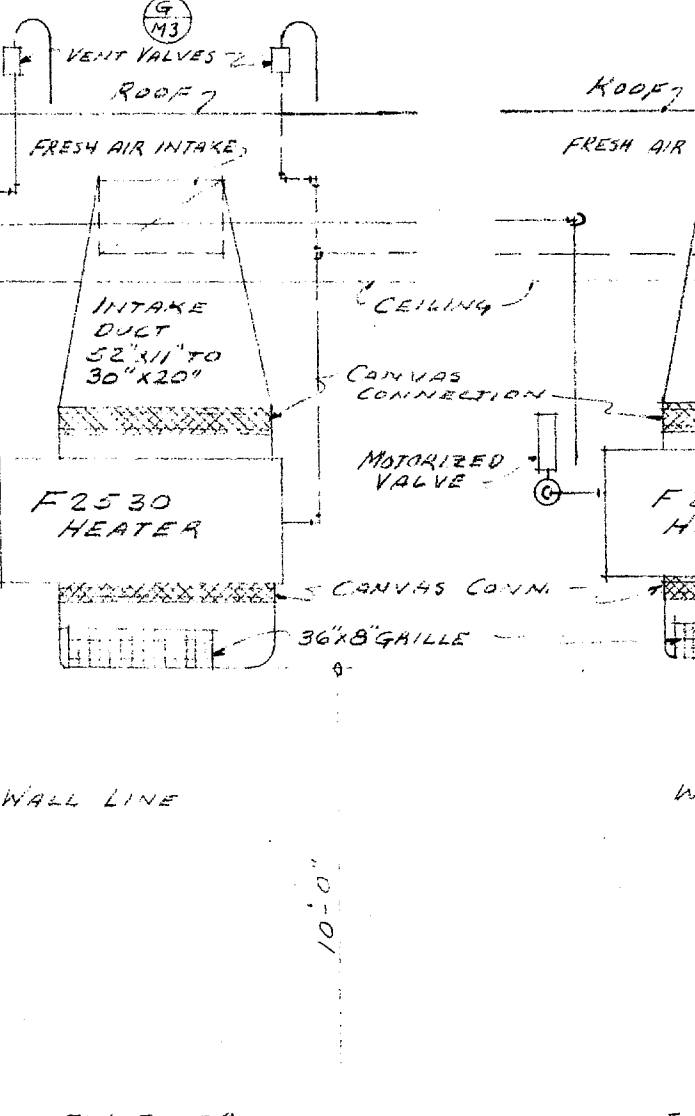


WIRING DIAGRAM FOR TEMPERATURE  
CONTROL - HOT WATER  
STORAGE HEATER  
NO SCALE

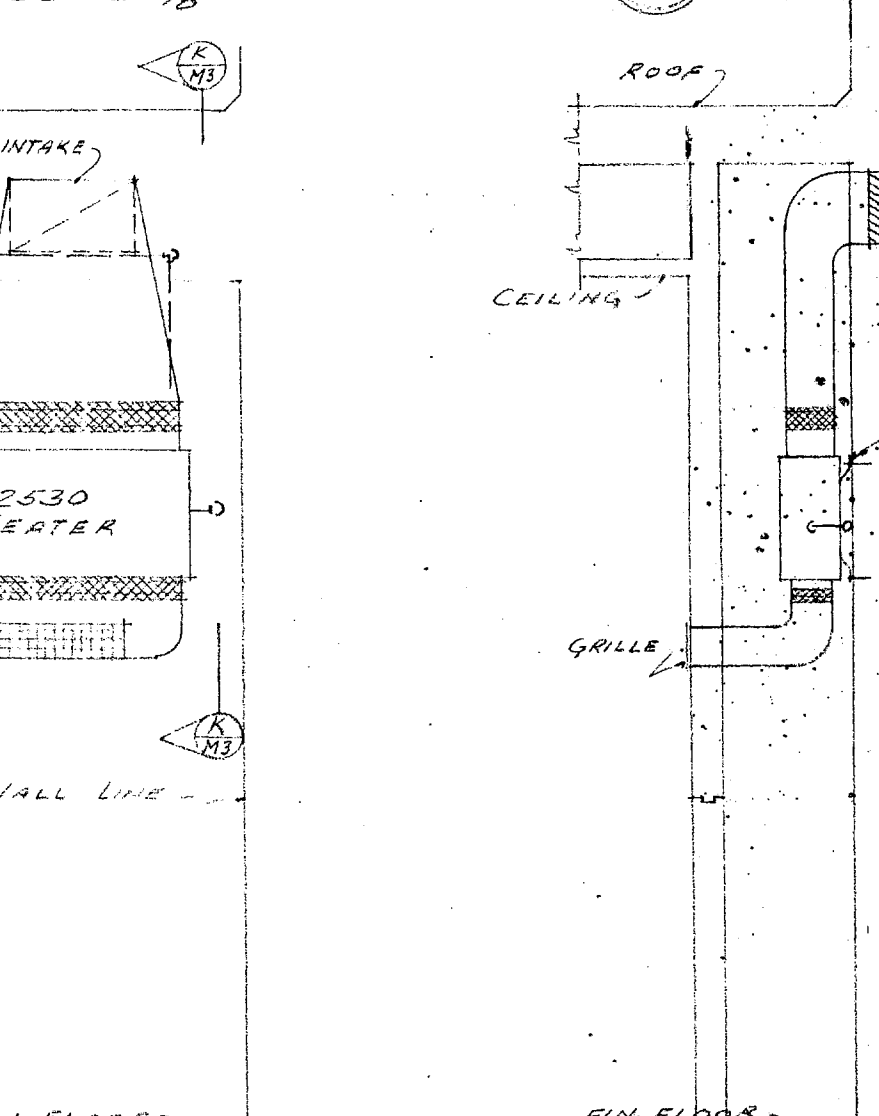
DETAIL OF SUPPORT FOR UNIT HEATERS  
IN RECREATION RM & IN WEST END  
OF SHOWER & LOCKER ROOM  
SCALE: 3/4" = 1'-0"



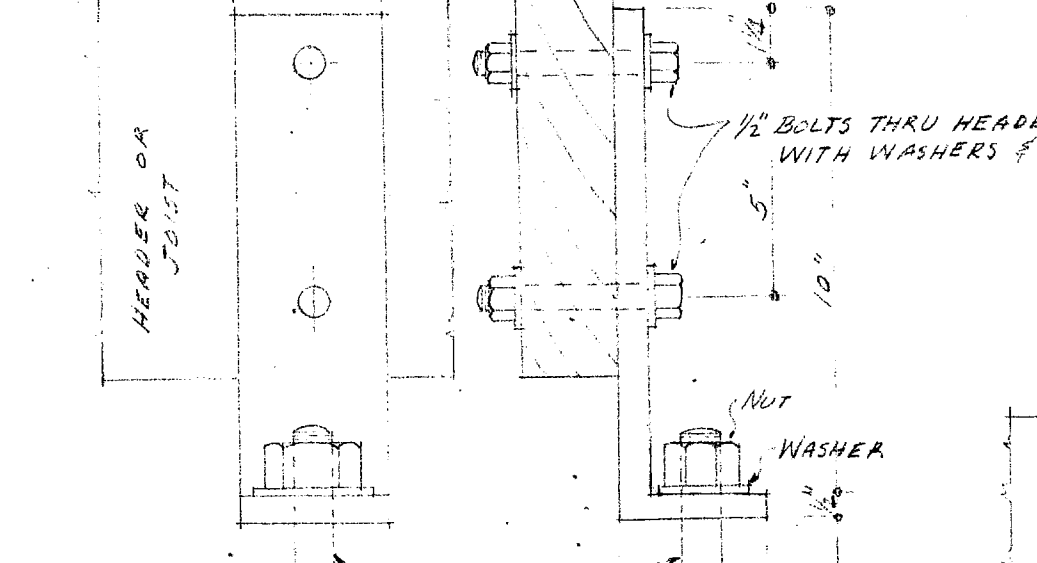
DET. ROOF AIR VENT  
NO SCALE



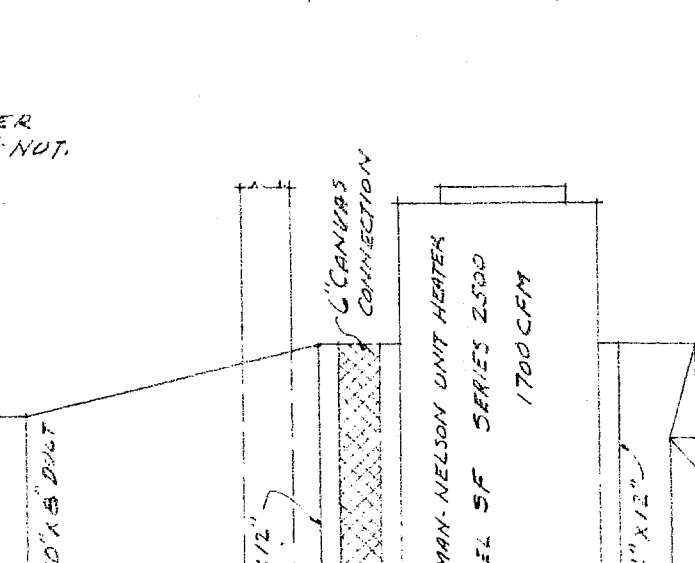
FRONT ELEVATION - RECREATION RM.



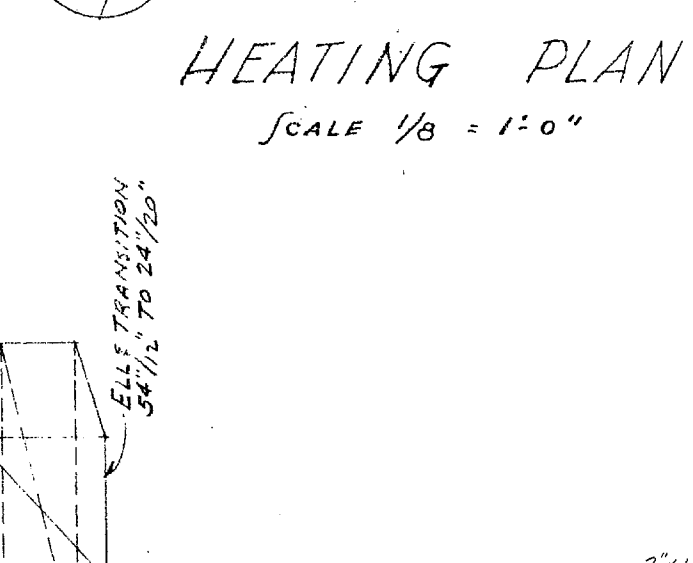
SECTION K



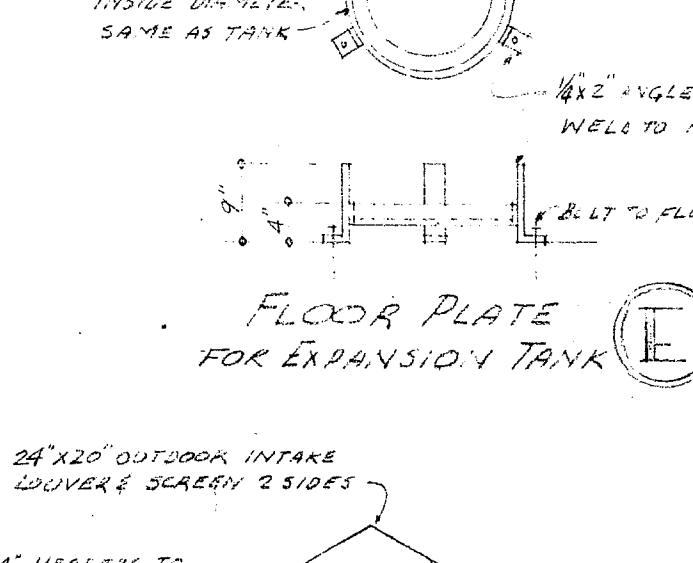
DETAIL OF ANGLE CLIPS  
SCALE: 3/4" = 1'-0"



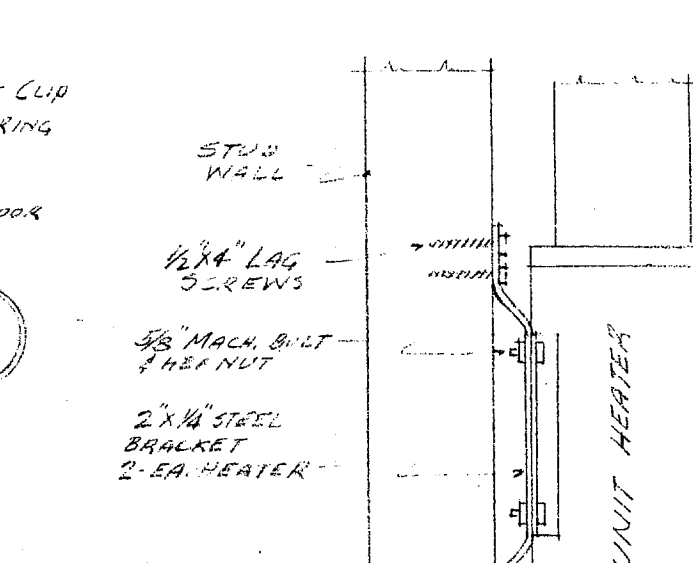
PLAN OF UNIT HEATER



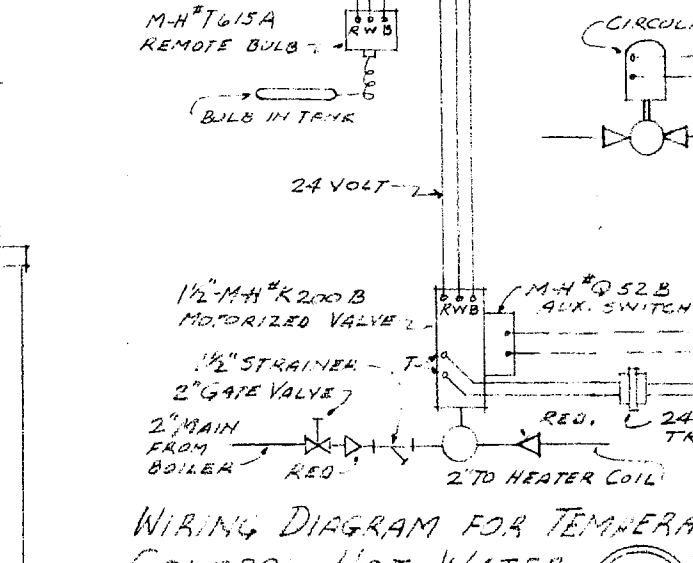
DETAIL OF UNIT HEATER IN SUPPLY ROOM



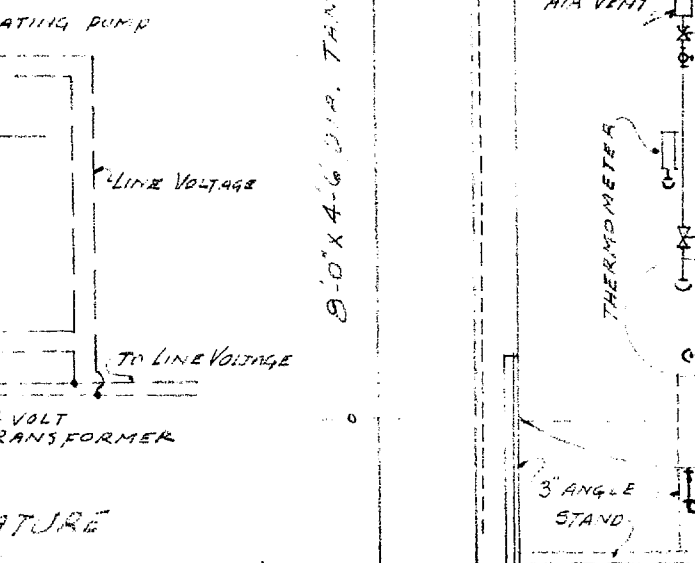
DETAIL OF UNIT HEATER IN SUPPLY ROOM



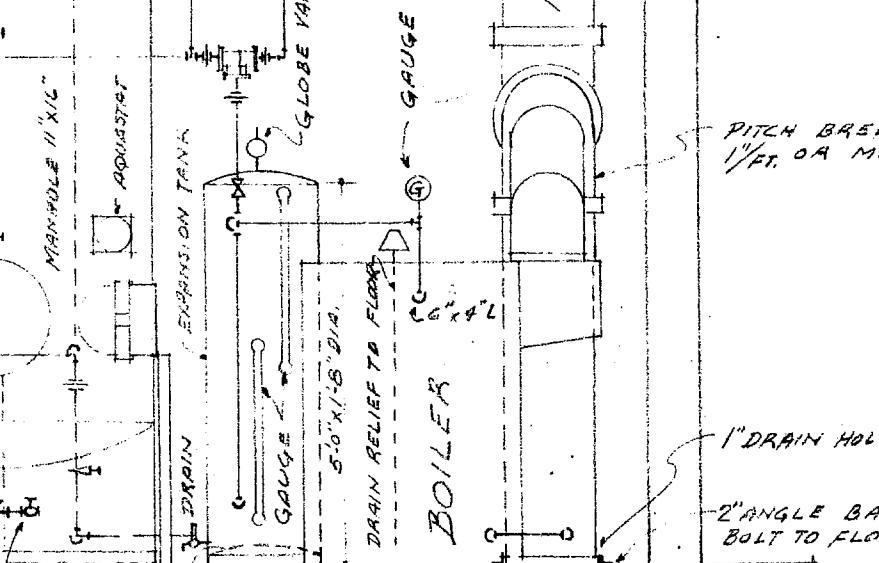
DETAIL OF UNIT HEATER IN SUPPLY ROOM



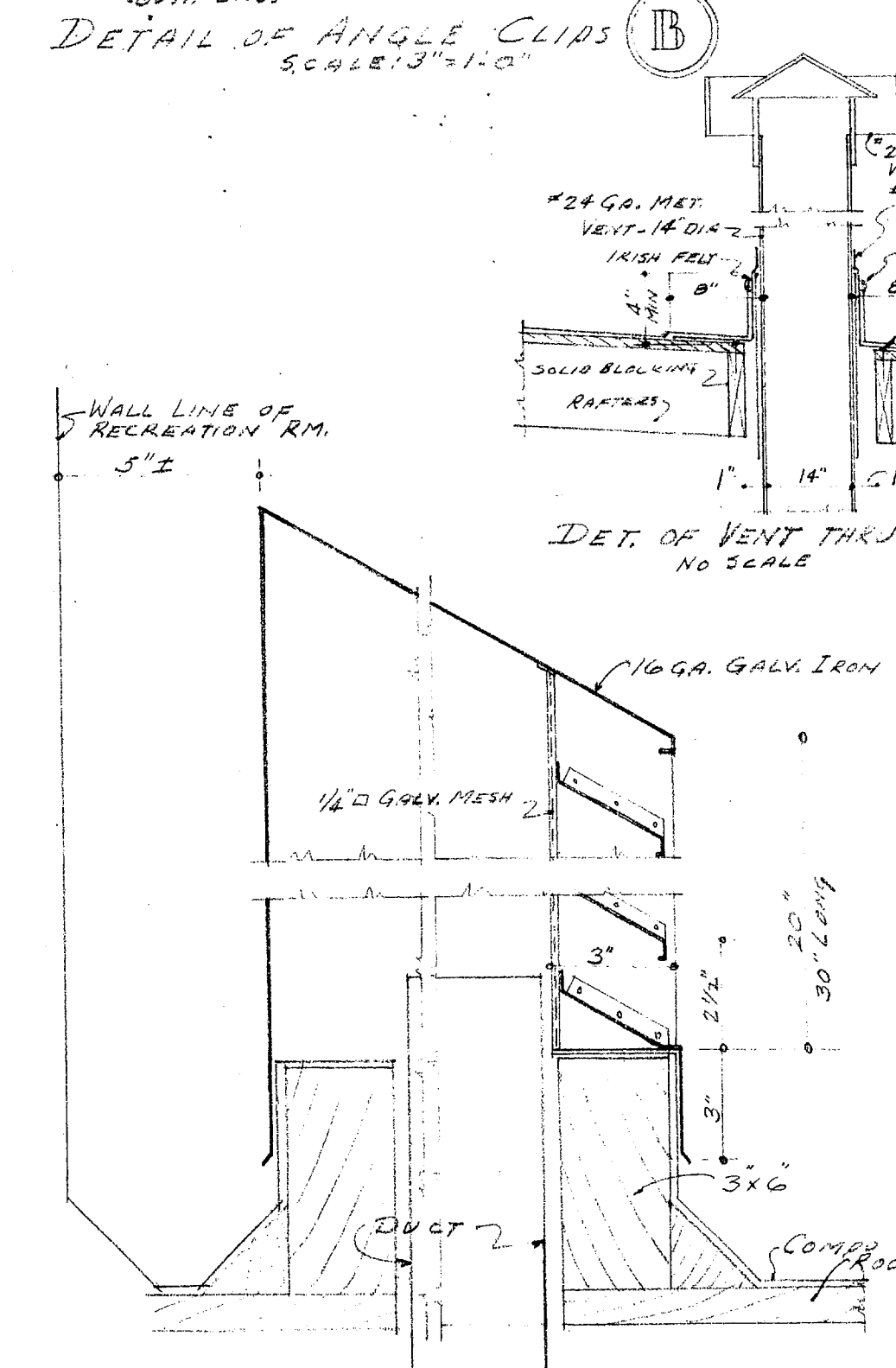
DETAIL OF UNIT HEATER IN SUPPLY ROOM



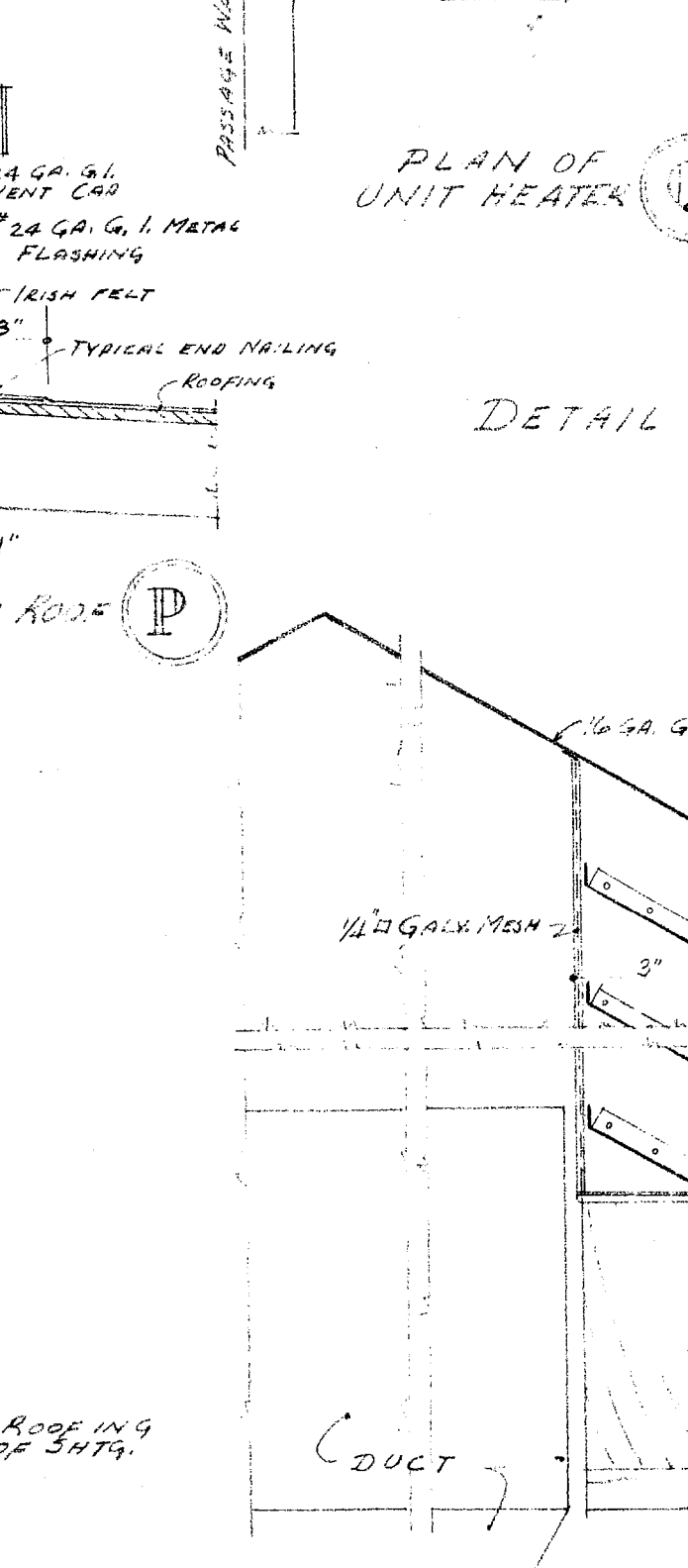
DETAIL OF UNIT HEATER IN SUPPLY ROOM



DETAIL OF UNIT HEATER IN SUPPLY ROOM



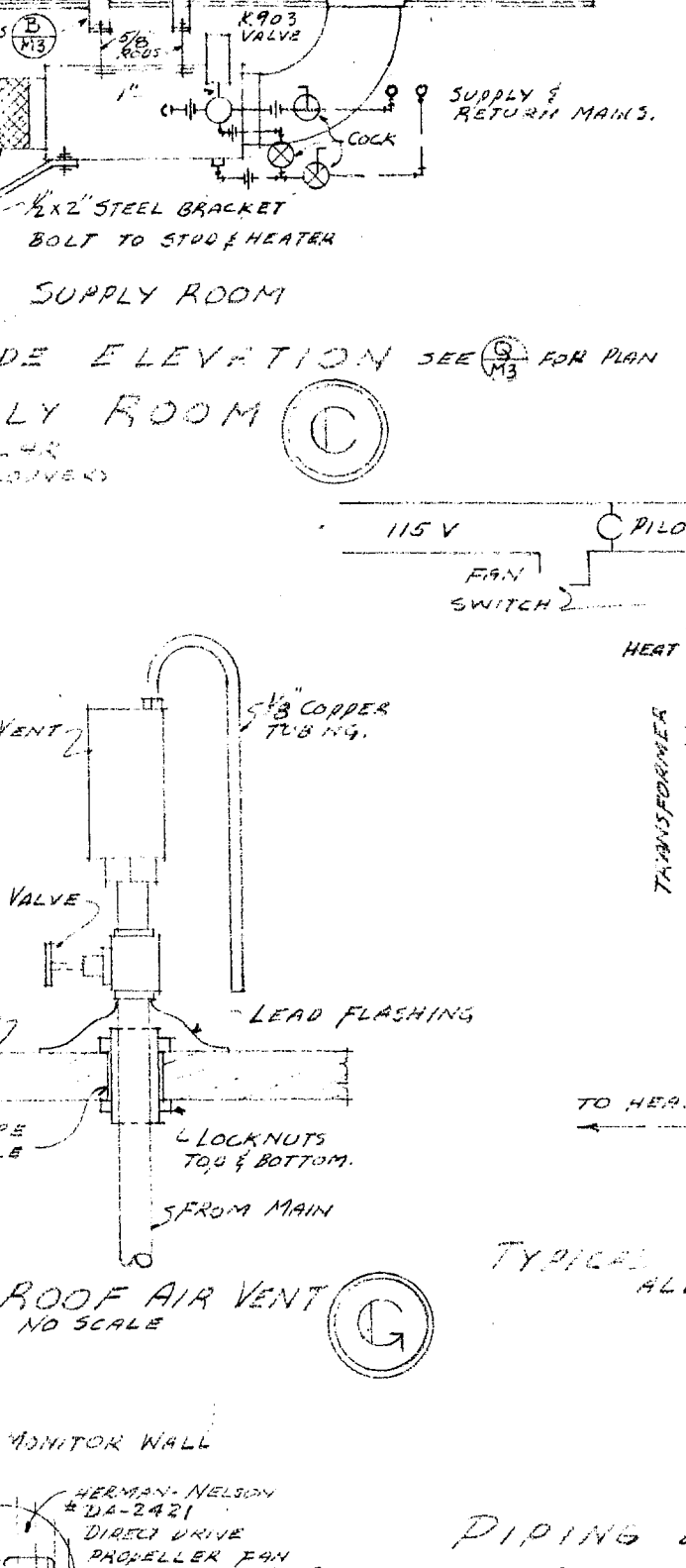
DETAIL OF FRESH AIR INTAKE LOUVER  
ON CORRIDOR ROOF  
SCALE: 3/4" = 1'-0"



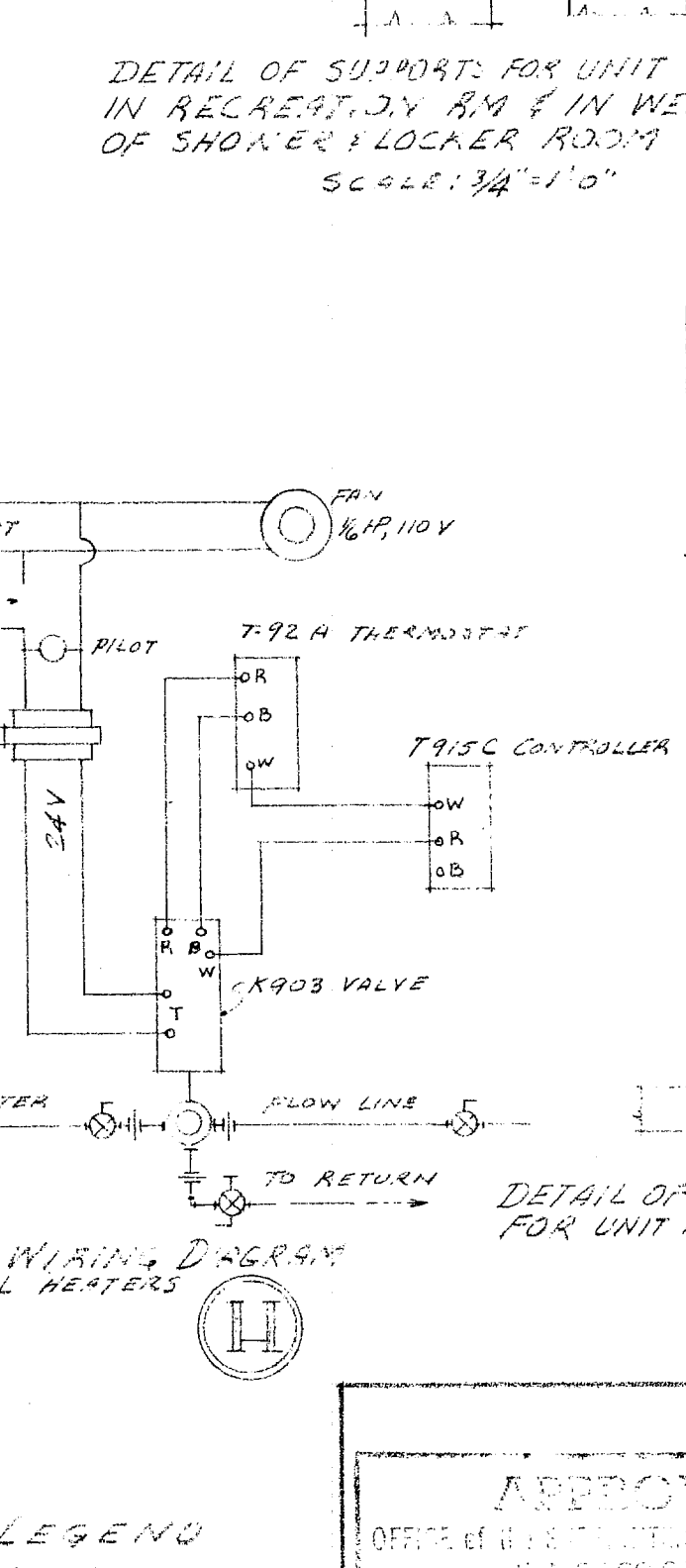
DET. FRESH AIR INTAKE  
EAST END  
SCALE: 3/4" = 1'-0"



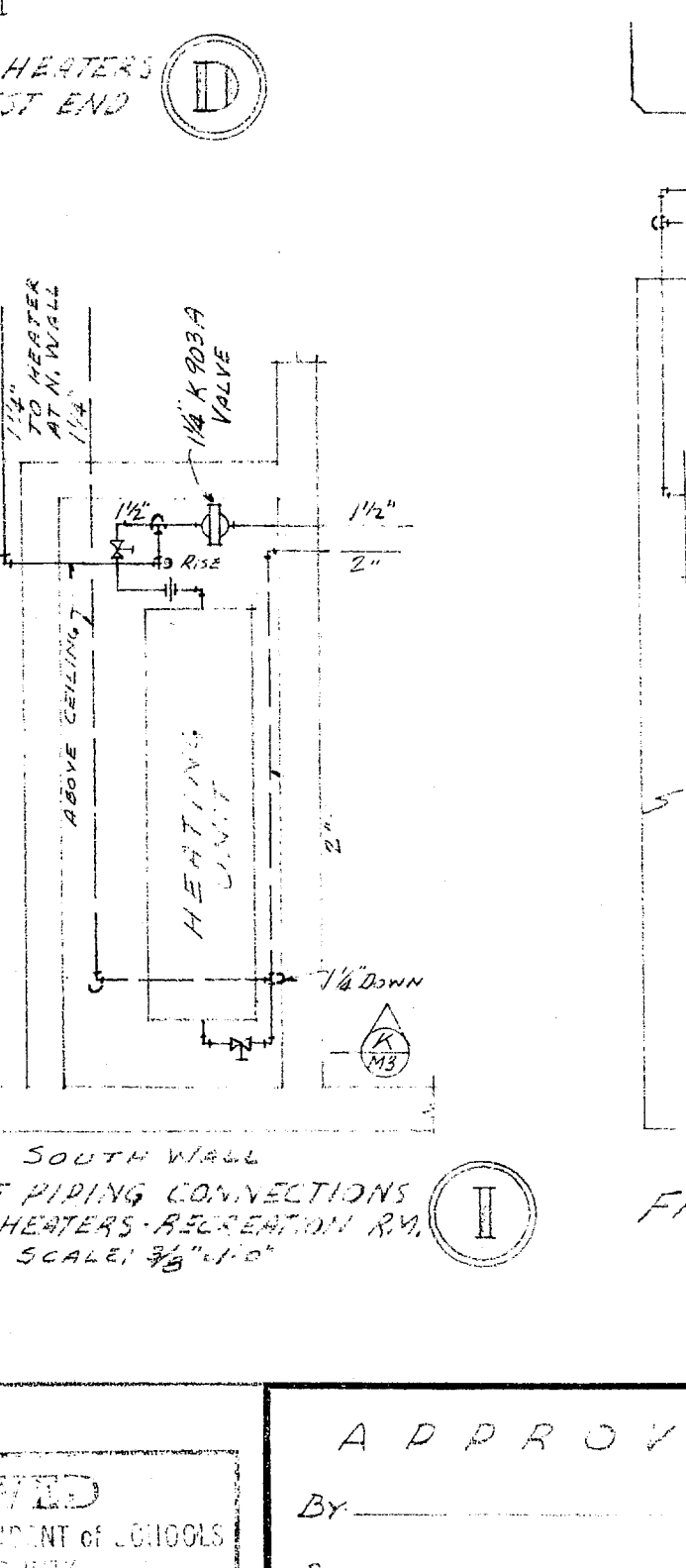
DET. FRESH AIR INTAKE  
EAST END  
SCALE: 3/4" = 1'-0"



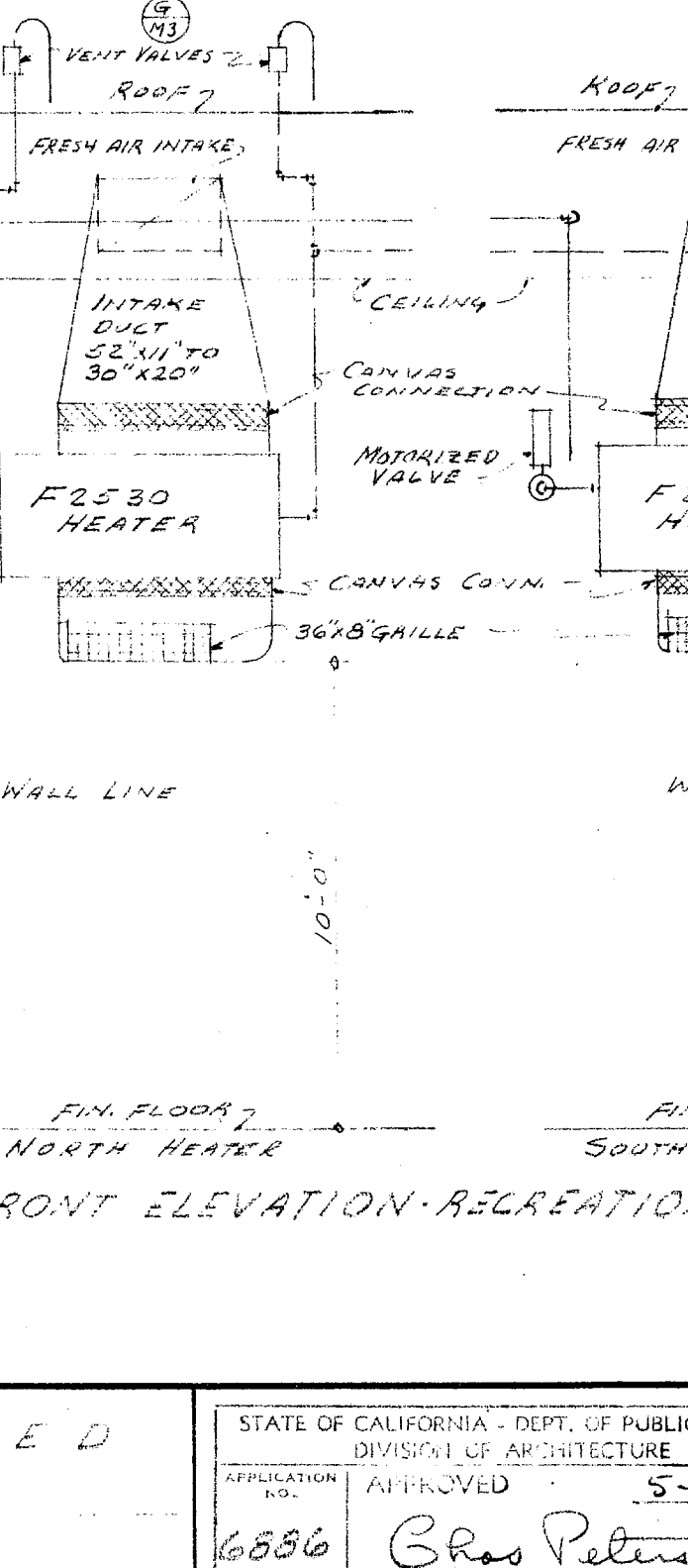
DET. FRESH AIR INTAKE  
EAST END  
SCALE: 3/4" = 1'-0"



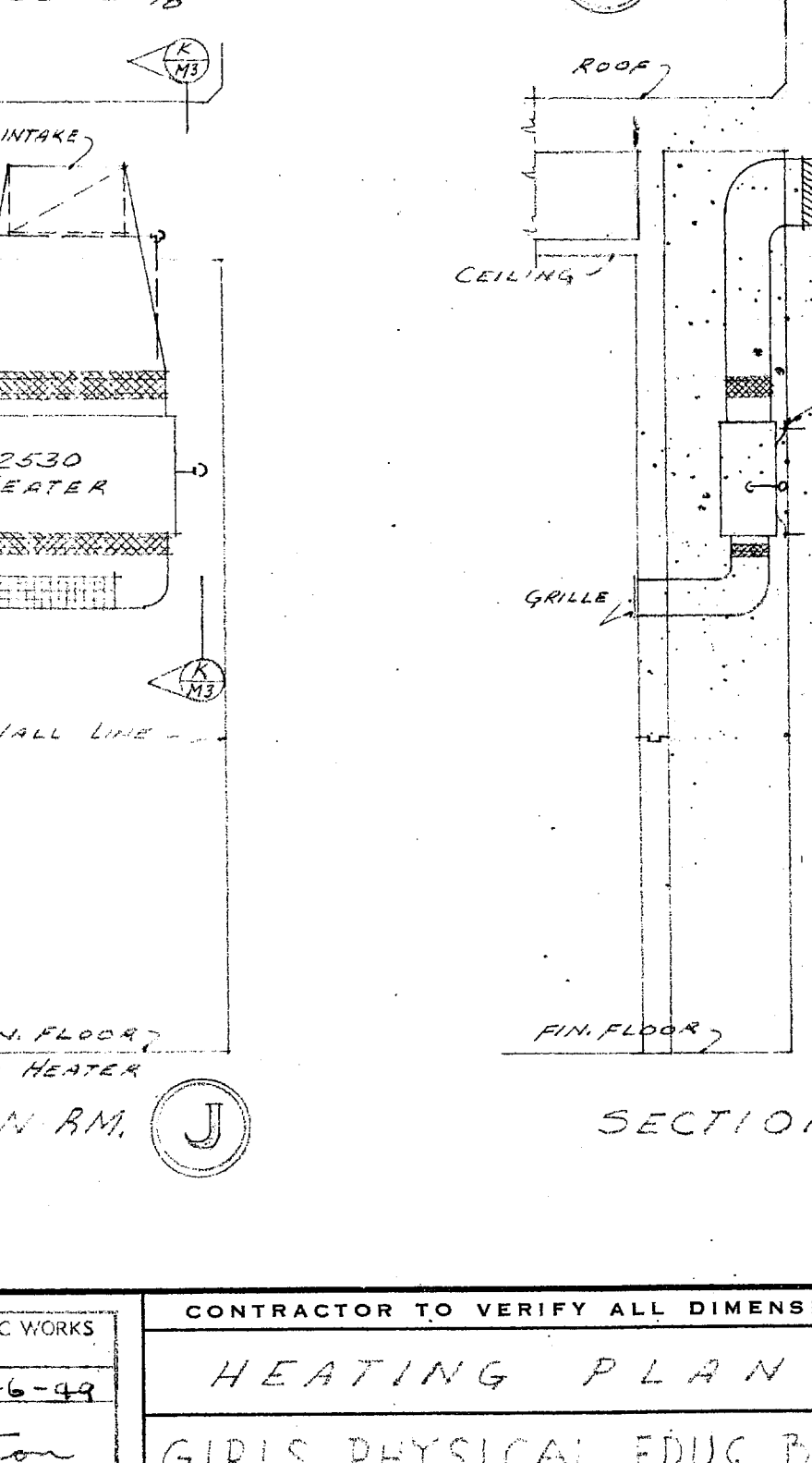
DET. FRESH AIR INTAKE  
EAST END  
SCALE: 3/4" = 1'-0"



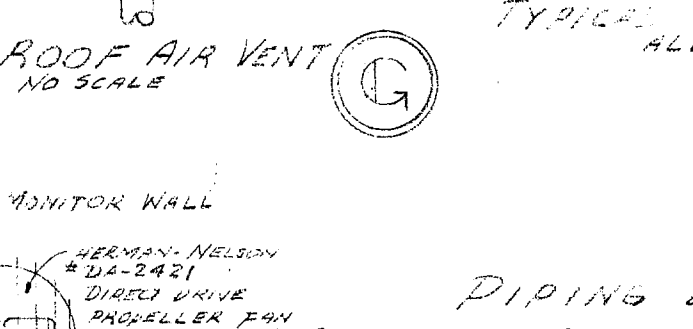
DET. FRESH AIR INTAKE  
EAST END  
SCALE: 3/4" = 1'-0"



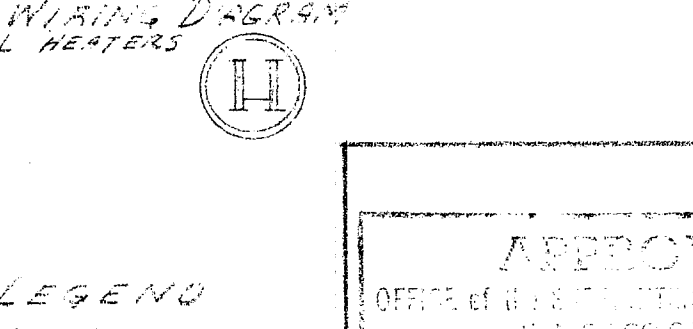
DET. FRESH AIR INTAKE  
EAST END  
SCALE: 3/4" = 1'-0"



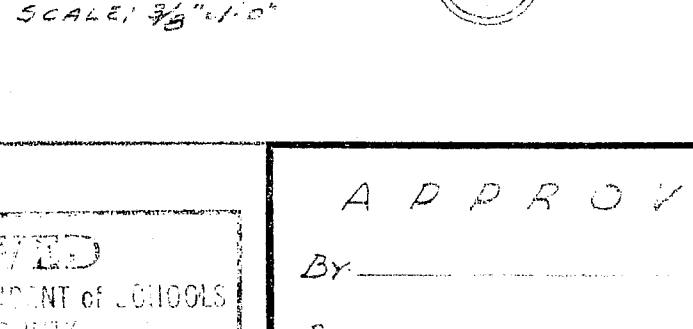
DET. FRESH AIR INTAKE  
EAST END  
SCALE: 3/4" = 1'-0"



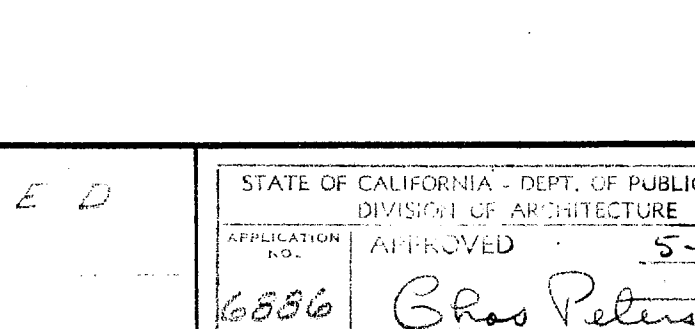
TYPICAL WIRING DIAGRAM  
ALL HEATERS



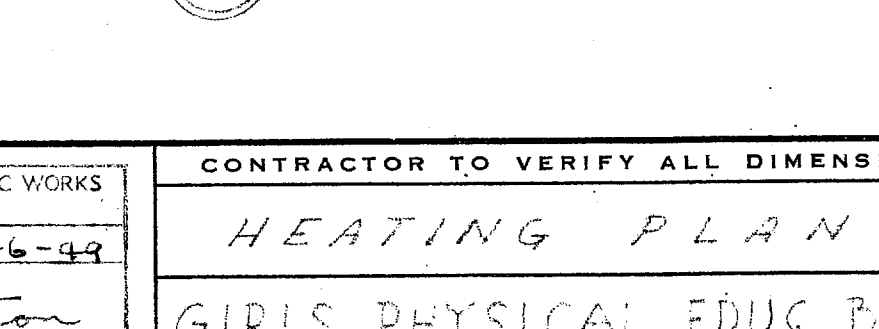
DETAIL OF PIPING LEG



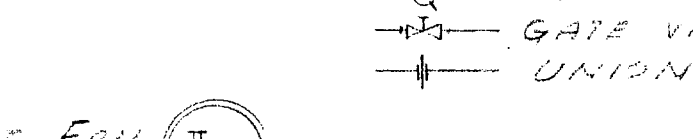
DETAIL OF PIPING LEG



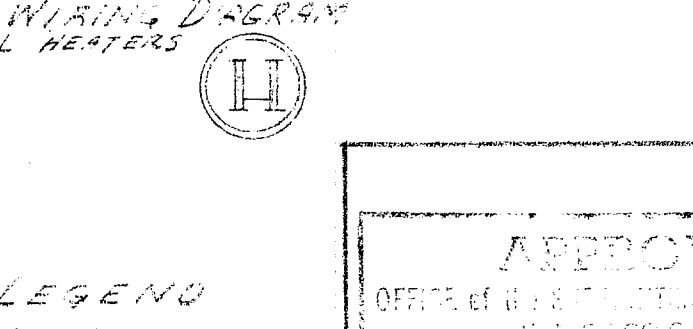
DETAIL OF PIPING LEG



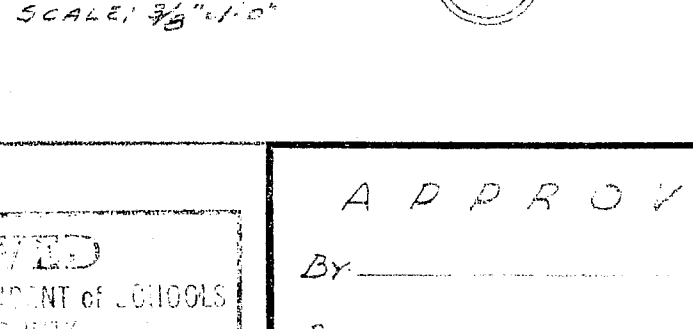
DETAIL OF PIPING LEG



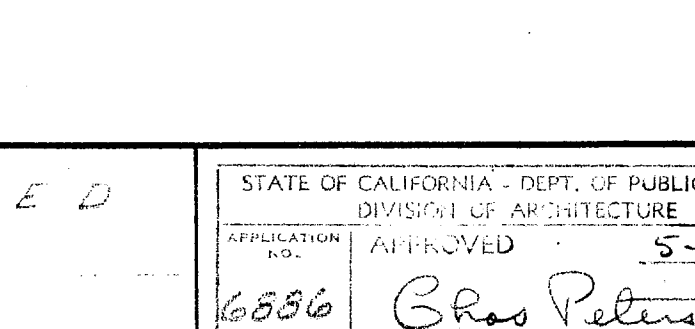
DET. EXHAUST FAN  
IN MONITORY  
NO SCALE



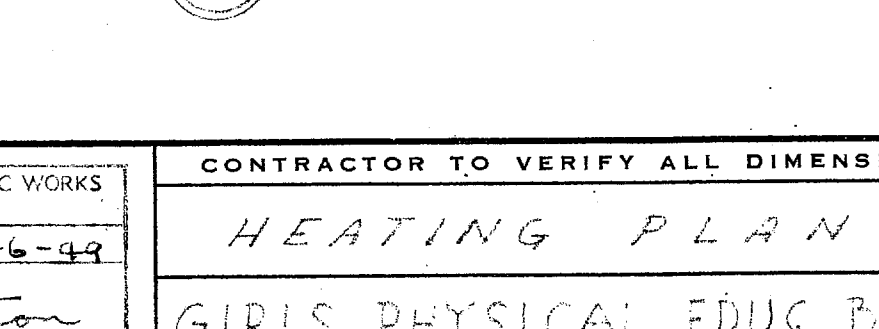
DETAIL OF PIPING LEG



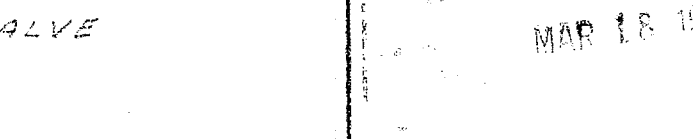
DETAIL OF PIPING LEG



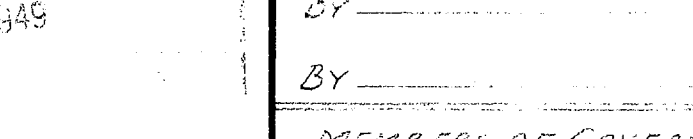
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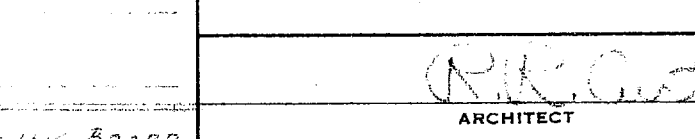
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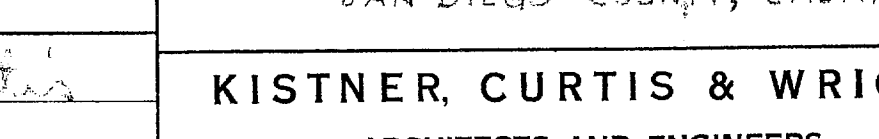
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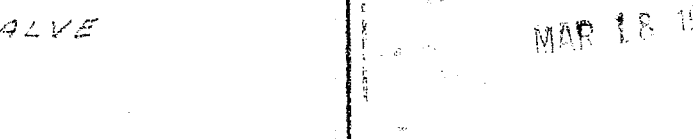
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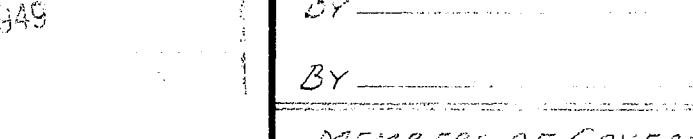
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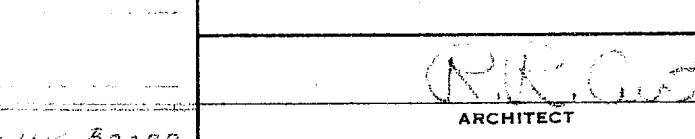
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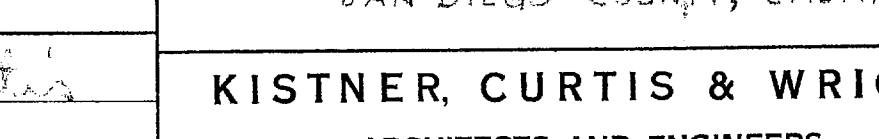
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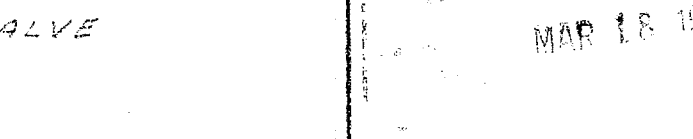
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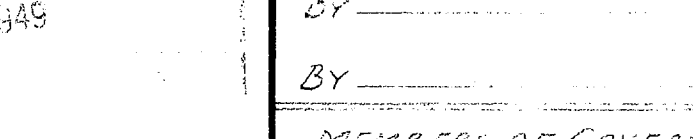
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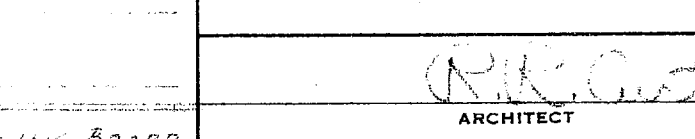
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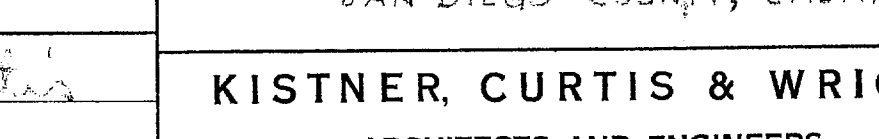
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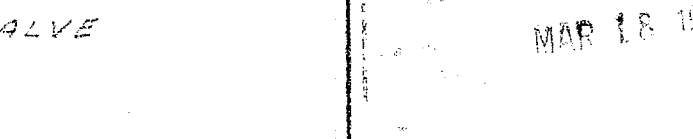
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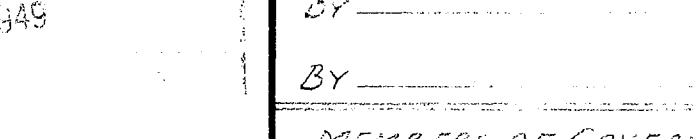
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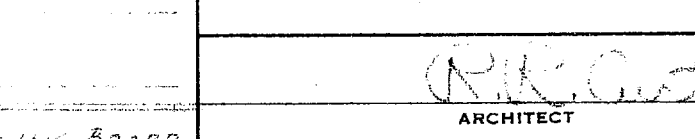
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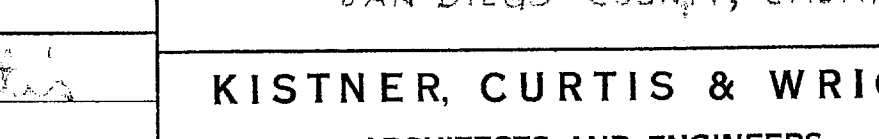
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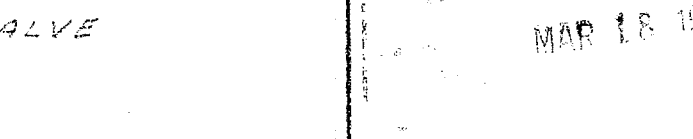
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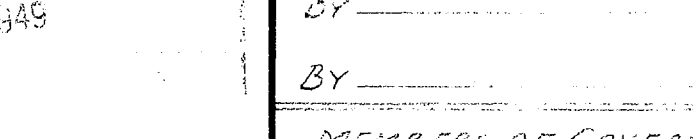
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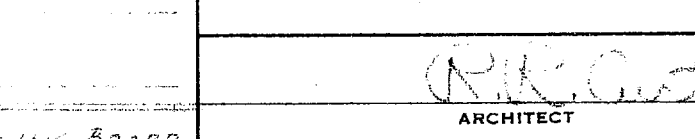
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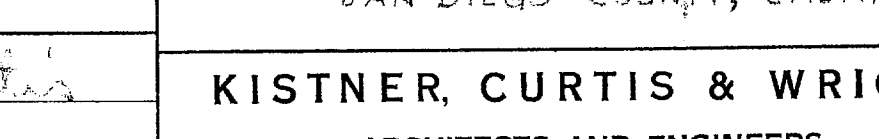
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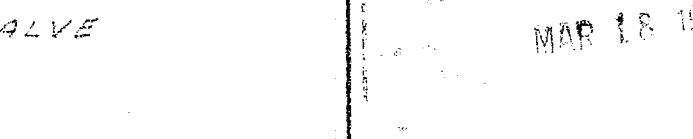
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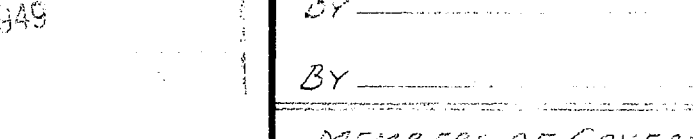
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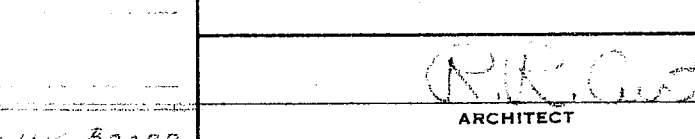
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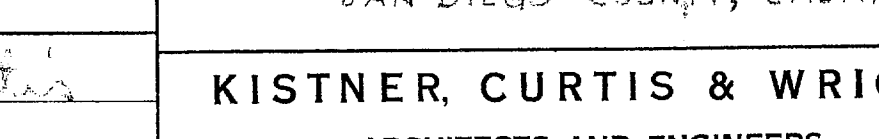
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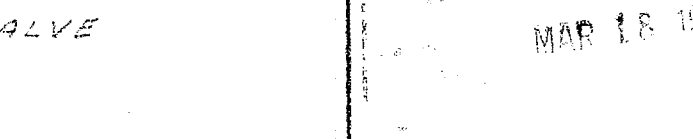
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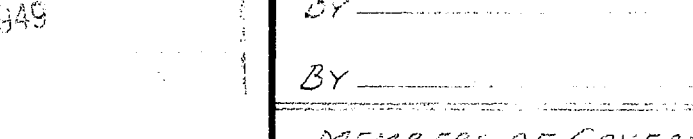
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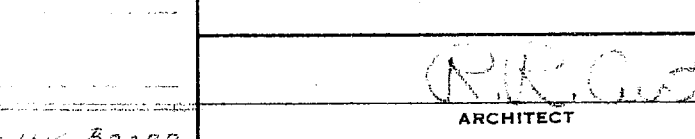
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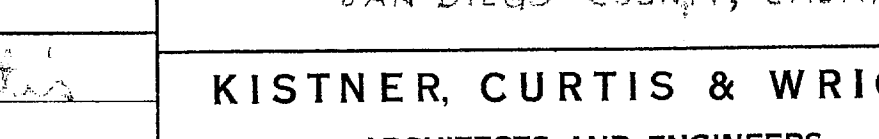
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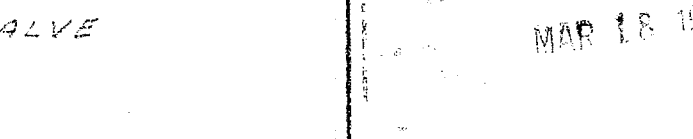
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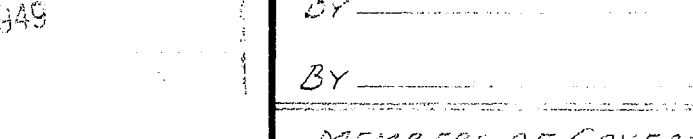
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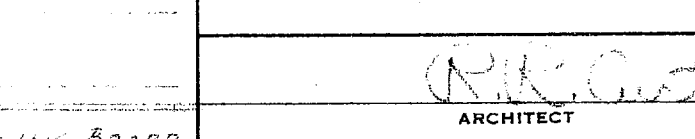
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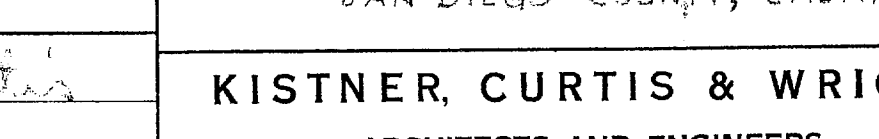
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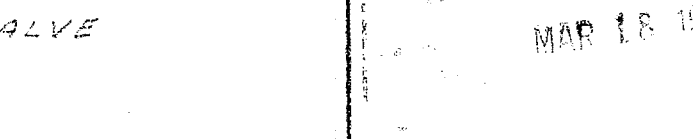
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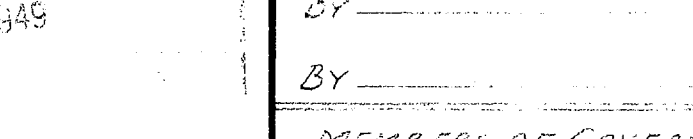
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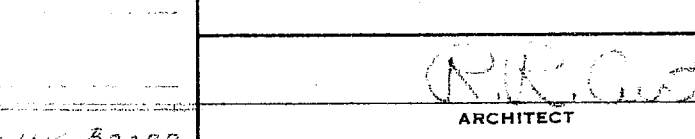
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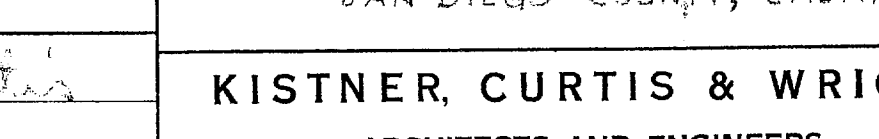
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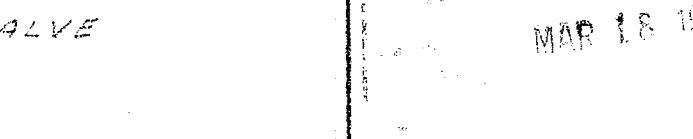
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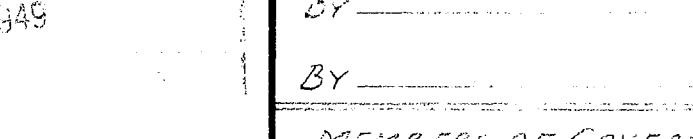
DETAIL OF PIPING LEG



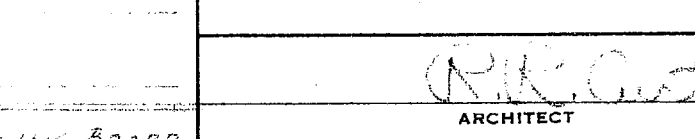
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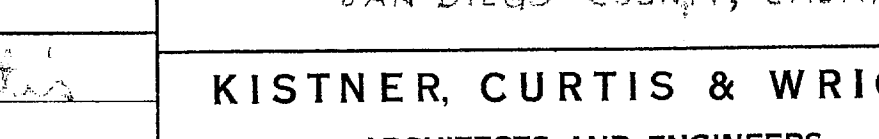
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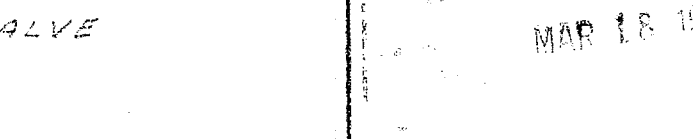
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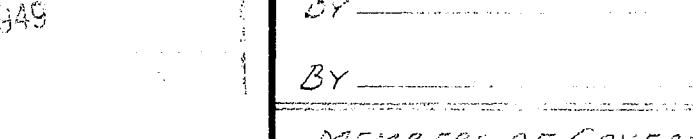
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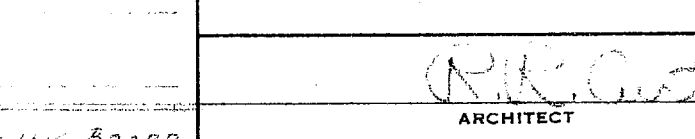
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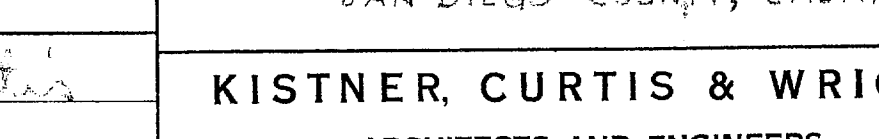
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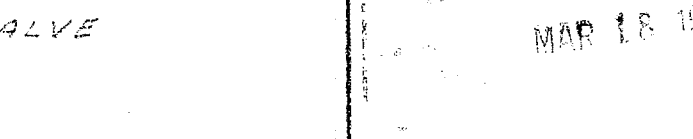
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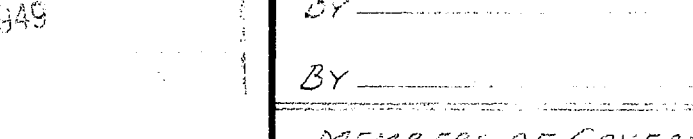
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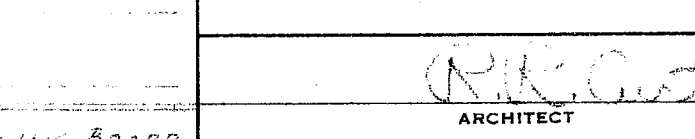
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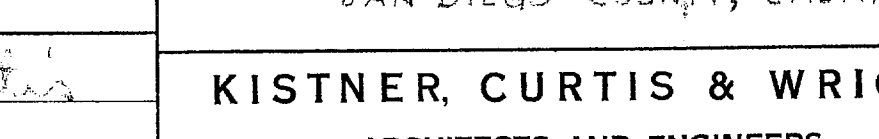
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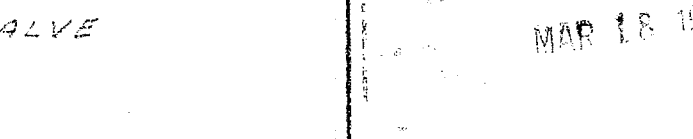
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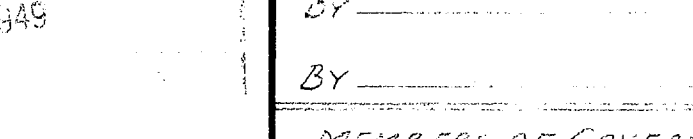
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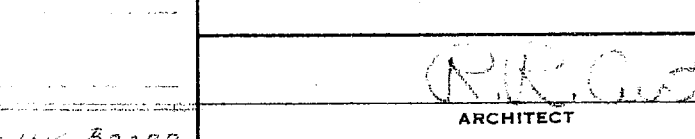
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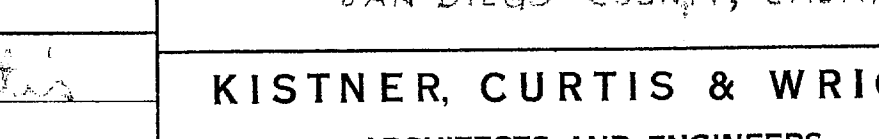
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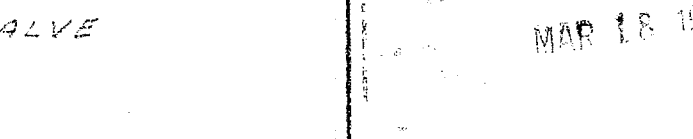
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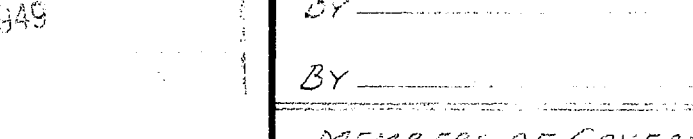
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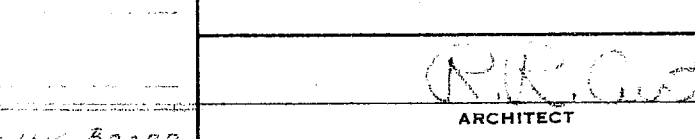
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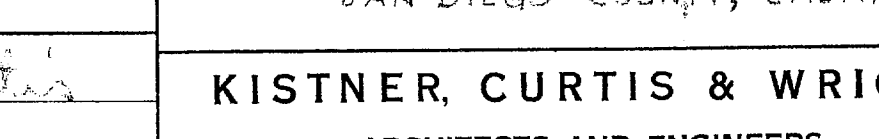
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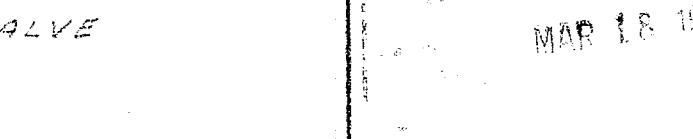
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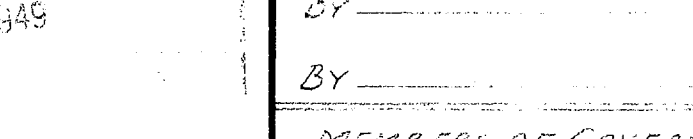
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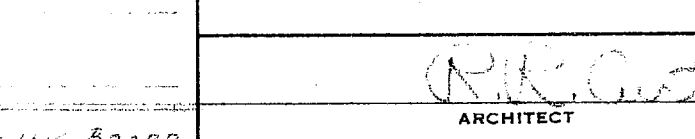
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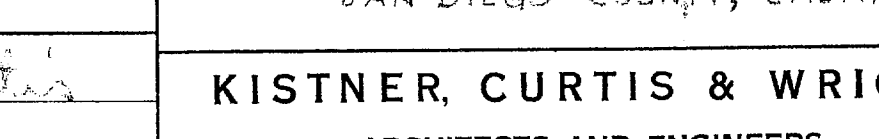
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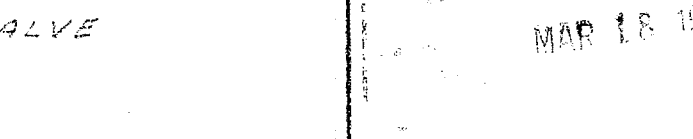
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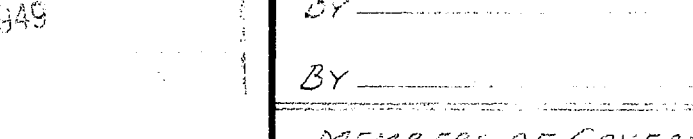
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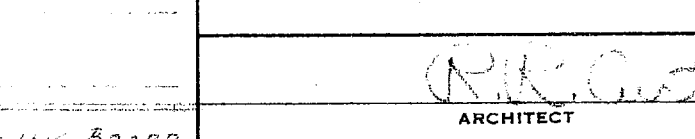
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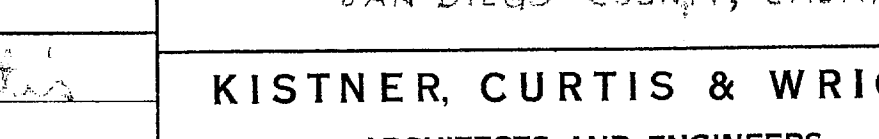
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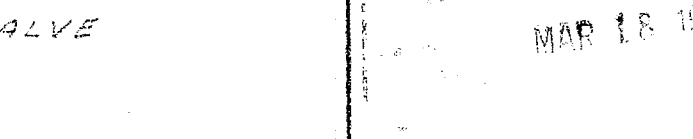
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REFERENCE KEYNOTES	
DIVISION 01 - GENERAL	
01 11 00 - SUMMARY	
01 11 00.01	- NEW BUILDING UNDER THIS APPLICATION AND CONTRACT
01 11 00.02	- SEPARATE BOYS AND GIRLS ACCESSIBLE RESTROOMS UNDER THIS APPLICATION AND CONTRACT
01 11 00.04	- SEPARATE MEN'S AND WOMEN'S ACCESSIBLE RESTROOMS UNDER THIS APPLICATION AND CONTRACT
01 11 00.04	- EXISTING BUILDING TO REMAIN, NOT UNDER CONTRACT SCOPE OF WORK, PROTECT, PATCH AND REPAIR AS AFFECTED BY NEW CONTRACT WORK.
01 11 00.05	- LOCATION OF FIRE SPRINKLER RISER ROOM
01 11 00.06	- LOADING DOCK, REF. DETAIL 17/1A-1.4
01 11 00.07	- EXISTING BUILDING TO REMAIN, NOT IN CONTRACT
01 11 00.09	- SAFE DISPERSAL AREA AT 5 S.F. OCCUPANT, 50 FT. MIN. CLEAR DISTANCE FROM EXTERIOR OF A BUILDING
01 11 00.10	- EXISTING ACCESSIBLE PARKING STALLS TO REMAIN
01 11 00.12	- COLUMN COVER ASSEMBLY FOR NEW BUILDING SEE: 11/A-10-1.4
01 50 00 - TEMPORARY FACILITIES AND CONTROLS	
01 50 00.02	- REMOVE CONSTRUCTION SIGN AND REINSTALL PER SHEET A-1.3.2
01 50 00.03	- REINSTALL EXISTING JOB SIGN, CONFIRM LOCATION WITH DISTRICT
DIVISION 02 - EXISTING CONDITIONS	
02 41 00 - DEMOLITION	
02 41 19.02	- OUTLINE OF FUTURE BUILDING
02 41 19.A5	- LANDSCAPE AREA INCLUDING VEGETATION, TREES AND ROOT SYSTEMS TO REMAIN, REPAIR AS AFFECTED BY THE WORK, PROTECT, MAINTAIN PER LANDSCAPE DRAWING
02 41 19.A11	- FIRE HYDRANT TO REMAIN, PROTECT, MAINTAIN FIRE PROTECTION FACILITIES DURING AND THROUGH OUT WORK
02 41 19.A13	- ELECTRICAL VAULT TO REMAIN PROTECT AND MAINTAIN DURING AND THROUGH OUT WORK
02 41 19.A16	- CONCRETE FLATWORK TO REMAIN
02 41 19.A17	- CONCRETE BENCH TO REMAIN
02 41 19.A18	- EXISTING FIRELANE
02 41 19.A19	- EXISTING SITE WALL TO REMAIN, PATCH AND REPAIR AS NEEDED, PAINT WALL TO MATCH FAZIE, CL 2851W, SOYA
02 41 19.A20	- REMOVE EXISTING PORTION OF SITE WALL, INCLUDING BUT NOT LIMITED TO FOOTING.
02 41 19.A21	- REMOVE ELECTRICAL VAULT PER ELECTRICAL DRAWINGS
02 41 19.B1	- SAW CUT AND REMOVE ALL LAYERS OF ASPHALT PAVING, BASE AND UNDERLAYMENT, CURBS, EDGING, PETROMAK
02 41 19.D5	- REMOVE VEGETATION, TREES, ROOT SYSTEMS, PER LANDSCAPE DRAWING, CLARE GRUB AND GRADE
02 41 19.D7	- SAW CUT AND REMOVE ALL LAYERS OF ASPHALT AND CONCRETE PAVING, BASE AND UNDERLAYMENT, CURBS, EDGING, PETROMAK, THIS DRIVE WAS AN OLD HIGHWAY AND THERE IS A MINIMUM 9" CONCRETE UNDER THE EXISTING PAVING LAYER.
02 41 19.D8	- REMOVE CONCRETE RAMP INCLUDING ASSOCIATED RETAINING WALLS, FOOTINGS, UNDERLAYMENTS, LANDINGS, AND RAILINGS
02 41 19.D10	- SAW CUT AND REMOVE ALL LAYERS OF CONCRETE PAVING AND OR FLATWORK, BASE AND UNDERLAYMENT, CURBS, GUTTERS
02 41 19.D12	- REMOVE CONCRETE BENCH FOOTINGS AND SLAB
02 41 19.D19	- REMOVE BOLLARD AND ASSOCIATED ITEMS SUCH A FOOTINGS, CHAINS ETC.
02 41 19.D20	- REMOVE VEGETATION, TREES, ROOTS AND SOIL AS REQUIRED FOR NEW RETENTION BASIN, REF. CIVIL
02 41 19.D21	- REMOVE WOOD PLANTER, FOOTINGS AND ALL ASSOCIATED ITEMS, PROTECT TREE AND ROOT STRUCTURE DURING DEMOLITION.
DIVISION 03 - CONCRETE	
03 30 00 - CONCRETE	
03 30 00.01	- CAST IN PLACE SCORED CONCRETE
03 30 00.03	- CAST IN PLACE CONCRETE BENCH/SEAT WALL, REFERENCE DETAIL 26/A-10-1.3
03 30 00.05	- CONCRETE RETAINING WALL, STRUCTURAL DETAIL 8/3.3.4, FOOTING PER STRUCTURAL DETAIL 3/3.3.4, REFERENCE DETAIL 24/A-10-1.4 FOR WATERPROOFING
03 30 00.06	- PROVIDE CONCRETE CURB, REFERENCE DETAIL 15/A-10-1.3 AND CIVIL DRAWINGS
03 30 00.07	- EXPANSION JOINT, REF. DETAIL 18/A-10-1.3
03 30 00.08	- COLORED CONCRETE PATH OF TRAVEL, COLOR GRAPHITE GRACE PRODUCTS OR EQUAL.
DIVISION 05 - METALS	
05 50 00 - METAL FABRICATIONS	
05 50 00.04	- REMOVABLE, LOCKING BOLLARDS, REFERENCE DETAIL 13/A-10-1.4.
05 50 00.05	- PROVIDE FLAG POLE PER DETAIL 19/A-10-1.4
05 52 00 - METAL RAILINGS	
05 52 50.05	- GALV. STEEL PIPE HANDRAIL SYSTEM REF. DETAIL 9/A-10-1.3
05 52 50.06	- TYPICAL 4" OPENING.
DIVISION 10 - SPECIALTIES	
10 20 00 - SPECIALTIES	
10 20 00.02	- RECESSED KNOX BOX
DIVISION 32 - EXTERIOR IMPROVEMENTS	
32 12 16 - FLEXIBLE PAVING	
32 12 16.01	- ASPHALT PAVING ASSEMBLY PER CIVIL DRAWINGS
32 16 00 - CURBS AND GUTTERS	
32 16 00.03	- CONCRETE FLATWORK PER LEGEND ON THIS SHEET, SEE 18/A-10-1.3 FOR CONCRETE JOINTS
32 16 00.05	- CURB CUTS PER CIVIL DRAWINGS
32 31 00 - FENCES AND GATES	
32 31 13.03	- GATE PER GATE SCHEDULE SHEET A-1.1
32 31 13.05	- GATE PER SCHEDULE SHEET A-1.1 (PAIR)
32 93 00 - PLANTS	
32 93 00.02	- LANDSCAPE REGION PER LANDSCAPE DRAWINGS
32 93 00.03	- AT GRADE PLANTER
DIVISION 33 - UTILITIES	
33 10 00.01 - BACK FLOW PREVENTOR	
33 10 00.02 - HELIX EASEMENT	
PROJECT GENERAL NOTES	
1. CHANGES TO THE APPROVED DRAWINGS OR SPECIFICATION SHALL BE MADE BY AN ADDENDA OR A CONSTRUCTION CHANGE DOCUMENT (C.C.D.) APPROVED BY THE DIVISION OF THE STATE ARCHITECT. ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).	
2. A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-308, PART 1, TITLE 24, CCR, CLASS 1.	
3. FOOD SERVICE FACILITIES SHALL COMPLY WITH ALL LOCAL HEALTH REQUIREMENTS AND CALIFORNIA UNIFORM RETAIL FOOD FACILITIES LAWS. DRINKING WATER SHALL COMPLY WITH ALL LOCAL HEALTH DEPARTMENT REQUIREMENTS.	
4. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.	
5. ALL WORK SHOWN IN THESE DOCUMENTS IS CONSIDERED TO BE NEW AND SHALL BE PROVIDED BY THE CONTRACTOR EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE.	

BUILDING MASTER KEYNOTES LIST	
03 30 00.01	CAST IN PLACE COLORED CONCRETE
03 31 16.01	NWT CONCRETE, REFERENCE STRUCTURAL DRAWINGS
04 22 00.01	CONCRETE MASONRY UNITS, REFERENCE WALL TYPES AND STRUCTURAL DRAWINGS
04 22 00.02	CONCRETE MASONRY UNIT EXPANSION JOINT, REFERENCE STRUCTURAL DETAIL 10/S-1.2
04 22 00.03	CONCRETE MASONRY VENEER REFERENCE WALL TYPES ON SHEET A-10.2
04 22 00.04	CONCRETE MASONRY JOINT REFERENCE DETAIL 3/A-10-2.1
04 22 00.05	MASONRY VENEER UNITS, REFERENCE WALL TYPES AND STRUCTURAL DRAWINGS
05 12 00.01	EXPOSED STRUCTURAL STEEL, REFERENCE STRUCTURAL DRAWINGS
05 12 00.02	STRUCTURAL STEEL COLUMN, REFERENCE STRUCTURAL DRAWINGS
05 12 00.03	STRUCTURAL STEEL FRAMING, REFERENCE STRUCTURAL DRAWINGS
05 12 00.04	CATWALK STEEL FRAMING, REFERENCE STRUCTURAL SHEET 8-B2.3
05 12 00.05	4" METAL STUD PER PLAN AND WALL, TYPE LEGEND ON SHEET A-10.2
05 12 00.06	4" METAL STUD SHEAR WALL PER STRUCTURAL DRAWINGS SHEET S-3.2
05 12 00.07	EXPOSED EXTERIOR GALVANIZED STRUCTURAL STEEL, REFERENCE STRUCTURAL DRAWINGS FOR SIZE
05 12 00.08	METAL STUD WALL BEYOND REFERENCE WALL, TYPE ON SHEET A-B2.1
05 12 00.09	WALL LEGEND ON SHEET A-10.2
05 30 00.01	STEEL DECKING PER STRUCTURAL DRAWINGS
05 30 00.02	STEEL PARAPET ROOF LADDER, REFERENCE DETAIL 12/A-10-12
05 30 00.03	PROVIDE STAGE ROOF ACCESS LADDER & CAGE, REFERENCE DETAIL 2/A-10-12
05 50 00.05	SHIPS LADDER, REFERENCE DETAIL 14/A-10-12 AND SPECIFICATIONS
05 50 00.06	ANGLED ALUMINUM PANEL, REFERENCE DETAIL 16/A-10-8
05 50 00.07	PRE-FINISHED ALUMINUM CORNER GUARDS UP TO 7'-0" A.F.F.
05 50 00.08	INTERIOR STEEL-ROOF ACCESS LADDER, REF. DETAIL 20/A-10.4
05 50 00.10	SCUPPER REFERENCE DETAIL 27/A-10.4.1
05 50 00.11	ROOF PARAPET LADDER, REFERENCE DETAIL 28/A-10.4 AND SPECIFICATIONS
05 50 00.12	DIAMOND PLATE CATWALK, REFERENCE STRUCTURAL DRAWINGS
05 50 00.13	BOX ROOM ACCESS LADDER, REFERENCE DETAIL 22/A-10.12
05 50 00.14	METAL GRATE VENT IN MEDIA CABINET, REFERENCE SPECIFICATIONS
05 50 00.15	STEEL PARAPET ROOF LADDER, REFERENCE DETAIL 24/A-10-12
05 52 50.01	INTERIOR METAL GUARDRAIL AND HANDRAIL
05 52 50.02	INTERIOR METAL HANDRAIL AND WALL MOUNTING BRACKETS
05 52 50.03	METAL GUARDRAIL, REFERENCE DETAIL 17/A-10.9
05 52 50.07	METAL GUARDRAIL AND HANDRAIL, REFERENCE DETAIL 9/A-10.9
05 52 50.08	METAL GUARDRAIL ON CATWALK, REFERENCE AVL DRAWINGS
05 52 50.09	METAL CANE DETECTION RAILING, REFERENCE DETAIL 15/A-10.9
05 52 50.10	INTERIOR METAL HANDRAIL, REFERENCE DETAIL 1/A-10-13
06 10 00.04	3/4" THICK AA GRADE PLAYWOOD SHELF, REFERENCE DETAIL INTERIOR ELEVATIONS AND DETAIL 2/A-10-5.1 FOR SIMILAR CONDITION
06 20 00.01	WORK COUNTER, REFERENCE DETAIL 18/A-10-5.1
06 20 00.02	WALL CAP, REFERENCE DETAIL 23/A-10-2.1
06 41 00.01	CASEWORK
06 41 00.03	MEDIA CABINET CASEWORK REFERENCE DETAIL 4/A-10.5 FOR ANCHORAGE TO WALL
06 41 00.05	STORAGE CABINET, REFERENCE DETAIL 7/A-10-5.1
06 41 00.06	COUNTER, REF. DETAIL 10/A-10.5
06 41 00.08	DRESSING ROOM COUNTER AND DRAWERS, REFERENCE DETAIL 23/A-10.5
06 41 00.09	COSTUME COUNTER AND DRAWERS, REFERENCE DETAIL 27/A-10.5
06 41 00.10	WORKSTATION COUNTER AT CURTAIN WALL PER DETAIL 28/A-10.5.1
06 41 00.11	COUNTER AT PASS THRU WINDOW, REFERENCE DETAIL 10/A-10.5
06 41 00.12	WOOD PEG BOARD
06 41 00.13	WORK STATION COUNTER PER DETAIL 22/A-10.5, OMIT BACK SPLASH
07 54 00.01	THERMOPLASTIC ROOFING ASSEMBLY REFERENCE DETAIL 9/A-10.4
07 54 00.02	RIGID INSULATION OVER METAL DECK
07 54 00.03	ROOF WALKWAY PADS, REFERENCE SPECIFICATIONS
07 54 00.04	CONTRASTING COLOR ADHERED PVC SINGLE PLY PVC CLASS "A" MEMBRANE BUILDING NUMBER AT 6'-3" HEIGHT WITH LINES 14"-16" WIDE FOR AERIAL IDENTIFICATION
07 54 00.05	PVC WARNING STRIP, REFERENCE DETAIL 10/A-10-4.2
07 61 00.02	METAL SOFFIT PANEL
07 61 00.04	PRE-FINISHED GALVANIZED SHEET METAL PARAPET COPIING
07 62 00.01	PRE-FINISHED GALVANIZED SHEET METAL PARAPET CAP FLASHING
07 62 00.03	PRE-FINISHED GALVANIZED SHEET METAL PARAPET CAP FLASHING PER-FINISHED
07 72 00.01	2'-6" X 3'-0" ROOF ACCESS HATCH AND ROOF ACCESS LADDER SAFETY POST REF. DETAIL 20/A-10.4
07 72 00.02	SMOKE/HATCH VENT REFERENCE DETAIL 13/A-10-4.1
07 72 00.03	ROOF HATCH SAFETY RAIL, REFERENCE DETAIL 4/A-10-13 AND SPECIFICATIONS
08 11 13.01	SEISMIC SEAL
08 11 13.01	HOLLOW METAL DOOR AND FRAME
08 11 13.02	FIRE RATED HOLLOW METAL DOOR AND FRAME
08 31 13.03	CEILING ACCESS PANEL, REFERENCE DETAIL 15/A-10.3
08 33 23.01	OVERHEAD COILING SERVICE DOOR
08 33 23.02	OVERHEAD COILING SECURITY DOOR, REFERENCE DETAIL 7/A-10-5.1
08 44 13.01	GLAZED ALUMINUM FRAMED STORFRONT
08 44 13.01	GLAZED ALUMINUM CURTAIN WALL
08 44 13.01	SLIDING OPERABLE WINDOW
08 83 00.01	SPANDREL INSULATED GLAZING UNIT
08 83 00.01	WALL MOUNTED CHANGING ROOM MIRROR, REFERENCE DETAIL 15/A-10-13
08 83 00.02	MIRROR, REFERENCE DETAIL 18/A-10.5 FOR MOUNTING INFORMATION
08 83 00.04	MIRROR ELECTRICAL OUTLET COVER
09 24 00.01	WALL MOUNTED DANCE MIRROR, REFERENCE DETAIL 4/A-10-2.1
09 24 00.02	CEMENT PLASTERING SYSTEM INTEGRAL COLOR AND PAINT
09 24 00.02	CEMENT PLASTER 1/2-INCH EXPANSION REVEAL, REFERENCE DETAIL 12/A-10.6
09 24 00.05	CEMENT PLASTER 2-INCH EXPANSION REVEAL, REFERENCE DETAIL 12/A-10.6
09 24 00.07	CEMENT PLASTER CONTROL JOINT 11/A-10-6
09 29 00.01	GYPSUM BOARD REFERENCE WALL TYPES AND SPECIFICATIONS
09 29 00.02	HIGH IMPACT GYPSUM BOARD UP TO 3'-0" A.F.F., REFERENCE WALL TYPES AND SPECIFICATIONS
09 29 00.05	DASHED LINE INDICATES CEILING GYPSUM BOARD CLOUDS ABOVE REFERENCE SHEET A-8.1
09 29 00.06	FRAMED GYPSUM BOARD CEILING, REFERENCE DETAIL 18/A-10-3 FOR FRAMING
09 29 00.07	GYPSUM FINISH THEATER CEILING CLOUD A, REFERENCE DETAIL 11/A-10-5.1
09 29 00.08	GYPSUM FINISH THEATER CEILING CLOUD B, REFERENCE DETAIL 12/A-10-3.1
09 30 00.01	CERAMIC TILE REFERENCE FINISH SCHEDULE ON SHEET A-8.2
09 30 00.01	CERAMIC TILE ACCENT BAND REFERENCE DETAIL 30/A-10-6
09 30 00.03	CERAMIC TILE BASE, REFERENCE DETAIL 8/A-10-6
09 30 00.06	PORCELAIN TILE REFERENCE FINISH SCHEDULE ON SHEET A-8.2
09 30 00.07	TILE PATTERN PER DETAIL 10/A-10-6
09 30 00.08	EXTERIOR CERAMIC TILE WAINSCOT, REFERENCE DETAIL 30/A-10-6
09 30 00.09	EXTERIOR PORCELAIN TILE, REFERENCE DETAIL 15/A-10-6
09 51 00.01	ACOUSTICAL CEILING TILE (ACT) 24"x48"
09 51 00.03	CONTINUOUS MAIN T BAR AT EDGE OF LIGHT FIXTURE
09 51 00.04	STAC CLIP AT T BAR INTERRUPTION, REFERENCE DETAIL 27/A-10-3.1
09 51 00.05	CONTINUOUS CROSS T BAR
09 54 53.01	FIBERGLASS REINFORCED WALL PANELS
09 64 00.01	WOOD FLOORING OVER DEPRESSED CONCRETE SLAB, FINISH PER FINISH SCHEDULE ON SHEET A-8.2
09 65 00.02	RESILIENT BASE PER FINISH SCHEDULE
09 65 13.01	TILE FLOORING SEE A-8.2
09 68 13.01	VINYL STAIR NOSING PER DETAILS 4 AND 5/A-10-9
09 77 23.01	TILE CARPETING 24"x24"
09 84 13.01	VINYL FABRIC-WRAPPED/TACKWALL PANEL, REFERENCE DETAIL 3/A-10-6
09 84 13.01	1" THICK SOUND-ABSORPTIVE PANELS REFERENCE SPECIFICATIONS, FINISH SCHEDULE AND DETAIL 26/A-10-5
09 84 16.01	MOLDED GEOMETRIC DIFFUSER PANELS REFERENCE SPECIFICATIONS AND DETAIL 26/A-10-5
10 11 00.01	MARKERBOARD, MOUNT PER DETAIL 13 & 17/A-10-5
10 11 00.04	CUSTOM LINED GRID MARKERBOARD MOUNT PER DETAIL 17/A-10-5
10 11 00.05	CUSTOM HALF LINED GRID MARKERBOARD MOUNT PER DETAIL 17/A-10-5
10 14 00.03	TACTILE ROOM IDENTIFICATION MESSAGE SIGN PER DETAIL 8/A-10.7
10 14 00.04	TACTILE EXIT IDENTIFICATION SIGN PER DETAIL 13/A-10.7
10 14 00.05	TACTILE EXIT ROUTE IDENTIFICATION SIGN PER DETAIL 13/A-10.7
10 14 00.06	FIRE RISER ROOM IDENTIFICATION SIGN PER DETAIL 15/A-10.7
10 14 00.07	WALL MOUNTED TACTILE RESTROOM IDENTIFICATION SIGN PER DETAILS 10/A-10.7
10 14 00.08	DOOR MOUNTED PHOTOGRAPH RESTROOM IDENTIFICATION SIGN PER DETAILS 10/A-10.7
10 14 00.09	OCCUPANCY LOAD IDENTIFICATION SIGN PER DETAIL 11/A-10.7
10 14 00.10	ASSISTIVE LISTENING DEVICE SIGN PER DETAIL 21/A-10.7 QUANTITY OF AID PER ELECTRICAL
10 14 00.12	20" HIGH METAL LETTERS, MOUNT TO CMU PER DETAIL 23/A-10-13 AND METAL STUD PER DETAIL 16/A-10-1.4
10 14 00.14	20" HIGH METAL LETTERS, MOUNT TO CMU PER DETAIL 23/A-10-13 AND METAL STUD PER DETAIL 16/A-10-1.4
10 14 00.15	CALIFORNIA DISTINGUISHED SCHOOL SIGNAGE, MOUNT PER DETAIL 16/A-10-1.4
10 21 13.01	PLASTIC TOILET PARTITION SEE DETAILS 18, 19 AND 20/A-10.7, FOR PLASTIC TOILET URINAL SCREEN REF. DETAIL 24/A-10.7
10 21 13.02	

BUILDING MASTER KEYNOTES LIST	
10 28 13.01	RECESSED TOILET TISSUE DISPENSER
10 28 13.02	SURFACE MOUNTED SOAP DISPENSER
10 28 13.03	RECESSED ELECTRIC HAND DRYER
10 28 13.06	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL
10 28 13.07	RECESSED TOILET SEAT COVER DISPENSER
10 28 13.08	SURFACE MOUNTED PAPER TOWEL DISPENSER STAFF ONLY
10 28 13.10	42 INCH LONG GRAB BAR REF. DETAIL 20/A-10.7
10 28 13.10.2	36 INCH LONG GRAB BAR REF. DETAIL 19/A-10.7
10 28 13.11	MOP RACK
10 28 13.12	MIRROR, REFERENCE DETAIL 23/A-10.7 FOR MOUNTING HEIGHT
10 40 00.01	SM-RECESSED FIRE EXTINGUISHER CABINET AND FIRE EXTINGUISHER REF. DETAIL 7/A-10.2
10 41 13.01	3 TIER METAL LOCKERS REF. DETAILS 14 and 15/A-10-2.1
10 41 13.02	ACCESSIBLE BENCH REFERENCE DETAIL 22/A-10.7
10 41 13.03	ACCESSIBLE LOCKER AS INDICATED BY "X" REFERENCE DETAIL 14/A-10-2.1
10 51 13.04	LOCKER FILLER PIECE AS INDICATED BY SOLID HATCH
11 16 00.01	LOADING DOCK BUMPER
11 31 00.01	WASHER
11 31 00.02	DRYER
11 32 13.01	MANUALLY OPERATED PROJECTION SCREEN, WALL MOUNTED PER DETAIL 16/A-10.3
11 32 13.02	ELECTRICALLY OPERATED PROJECTION SCREEN
11 32 13.03	WALL MOUNTED VIDEO PROJECTOR PER DETAIL 22/A-10.3
11 32 13.04	LARGE SCREEN MONITOR 4" MAX PROJECTION, REFERENCE AV DRAWINGS FOR ADDITIONAL INFORMATION
11 32 13.05	WALL MOUNTED VIDEO PROJECTOR, REFERENCE DETAIL 22/A-10.3
11 32 13.06	AV EQUIPMENT RACK MOUNT INSIDE MEDIA CABINET, REFERENCE AV DRAWINGS FOR ADDITIONAL INFORMATION
11 32 13.07	WALL MOUNTED SPEAKER PER DETAIL 11/A-10-5
11 31 33.01	PIPE GRID PER AUDIO VIDEO AND STRUCTURAL DRAWINGS
11 61 43.01	STAGE CURTAINS PER AUDIO VIDEO DRAWINGS AND SPECIFICATIONS
11 61 43.02	BLACKBOX CURTAINS PER AUDIO VIDEO DRAWINGS AND SPECIFICATIONS
12 24 13.01	PROVIDE ROLLER WINDOW SHADES
12 24 13.03	PROVIDE RECESSED ROLLER SHADES POCKET
12 35 83.03	SHELF AND ROOF REFERENCE DETAILS 1.2 AND 5/A-10-5.1
12 35 83.10.01	MUSIC LIBRARY SYSTEM, REFERENCE STRUCTURAL AND AVL DRAWINGS
12 61 00.01	FIXED AUDIENCE SEATING, REFERENCE SHEETS A-B2.6 AND A-B.2.7
14 42 00.01	WHEELCHAIR LIFT
14 42 00.02	FULL HEIGHT WHEELCHAIR LIFT, REFERENCE DETAIL 3/A-10.7.1
14 42 00.03	ACCESSIBLE WHEELCHAIR LIFT, REFERENCE DETAIL 23/A-10.10
22 00 00.01	DOWNSPOUT NOZZEL AT GUY WALK, REFERENCE DETAIL 18/A-10.6 AND PLUMBING DRAWINGS
22 00 00.02	DOWNSPOUT NOZZEL AT METAL STUD WALL, REFERENCE DETAIL 19/A-10.6 AND PLUMBING DRAWINGS
22 00 00.03	ACCESSIBLE DRINKING FOUNTAIN PER DETAIL 17/A-10.7
22 00 00.04	ACCESSIBLE LAVATORY PER DETAIL 23/A-10.7
22 00 00.06	ACCESSIBLE ADULT WATER CLOSET PER DETAIL 18/A-10.7
22 00 00.07	STANDARD ADULT WATER CLOSET
22 00 00.08	ACCESSIBLE ADULT URINAL PER DETAIL 24/A-10.7
22 00 00.11	ACCESSIBLE SINK REFERENCE DETAIL 8/A-10.5
22 00 00.13	FLOOR DRAIN, REFERENCE PLUMBING DRAWINGS
22 00 00.14	MOP SINK, REFERENCE PLUMBING DRAWINGS
22 00 00.15	ROOF DRAIN AND OVERFLOW DRAIN PER DETAIL 5/A-10-4
22 00 00.16	WATER HEATER PER PLUMBING DRAWINGS
22 00 00.17	EYE WASH, REFERENCE PLUMBING DRAWINGS
22 00 00.18	DEEP UTILITY SINK, REFERENCE PLUMBING DRAWINGS
22 00 00.19	ROOF DRAIN PER DETAIL 5/A-10.4 (SIM)
22 00 00.22	ROOF TOP MECHANICAL UNIT, REFERENCE MECHANICAL DRAWINGS
23 00 00.02	MECHANICAL DUCTING, REFERENCE MECHANICAL DRAWINGS
23 00 00.03	MECHANICAL AIR SUPPLY, REFERENCE MECHANICAL DRAWINGS
23 00 00.04	MECHANICAL RETURN AIR, REFERENCE MECHANICAL DRAWINGS
23 00 00.05	MECHANICAL DIFFUSER/REGISTER/GRILL, REFERENCE MECHANICAL DRAWINGS
26 00 00.05	EXTERIOR CEILING LIGHT FIXTURE, REFERENCE DETAIL 20/A-10.3, COORDINATE THE INSTALLATION OF FIXTURE HOUSING AND WIRE TIES PRIOR TO INSTALLATION OF FINISHES
26 00 00.06	CEILING MOUNTED INTERIOR LIGHTING FIXTURE AT ACT CEILING REFERENCE DETAIL 8/A-10-3.1 AND ELECTRICAL DRAWINGS
26 00 00.08	WALL MOUNTED CLOCK, REFERENCE ELECTRICAL DRAWINGS
26 00 00.09	WALL MOUNTED INTERIOR LIGHTING FIXTURE, REFERENCE ELECTRICAL DRAWINGS
26 00 00.10	WALL MOUNTED EXTERIOR PUBLIC ADDRESS SPEAKER, REFERENCE ELECTRICAL DRAWINGS
26 00 00.11	ELECTRICAL DRAWING BOARD, REFERENCE ELECTRICAL DRAWINGS
26 00 00.12	ELECTRICAL FIRE ALARM CABINET, REFERENCE ELECTRICAL DRAWINGS
26 00 00.13	RECESSED INTERIOR CEILING MOUNTED 8" WIDE X 12" LONG LIGHTING FIXTURE, REFERENCE ELECTRICAL DRAWINGS

## GHS 2018 CIVIL AS-BUILTS

### ABBREVIATIONS

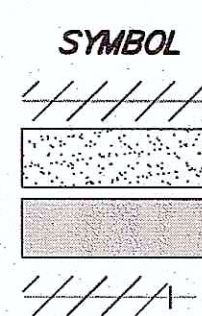
&	AND	D	Drain	GND.	Ground	P	Paint	T.	Tread
@	Angle	DBL.	Double	GPDW.	Gypsum Drywall	PAV.	Paving	T.B.	Towel Bar
Ø	Diameter	DEPT.	Detail	GR.	Grade	P.C.C.	Precast Concrete	T&B	Top and Bottom
CL	Center Line	DET.	Detail	G.V.	Gate Valve	P.C.C.	Portland Cement Concrete	T.C.	Top of Concrete / Curb
A.B.	Anchor Bolt	D.F.	Diameter	GWB.	Gypsum Wall Board	P.H.P.	Partial Height	TEL	Telephone
ABV.	Above	DM.	Dimension	H.B.	Hose Bibb	PL	Partition	TEM.	Tempered
A.A.	Asphalt Concrete	DISP.	Dispenser	H.B.	Hollow Core	PL	Plate	TER.	Terrazzo
A.C.	Air Conditioning	DMT.	Demountable	H.B.	Hollow Core	PL	Property Line	T.F.	Top of Footing
ACOUS.	Acoustical	DN.	Down	H.D.	Head	P.LAM.	Plastic Laminate	T&G	Tongue and Groove
A.C.T.	Acoustical Ceiling	D.O.	Door Opening	HDR.	Header	PL.	Plaster	THK.	Thick
	Tile	DR.	Drain	HDW.	Hardware	PLYWD.	Plywood	T.O.P.	Top of Parapet
A.D.	Area Drain	D.S.	Downspout	H.M.	Half Metal	PLW.	Plastic Laminated	T.O.R.	Top of Roof
ADJ.	Adjustable	DWG.	Drawing	HNDRL.	Handrail	PLWB.	Plumbing	T.O.S.	Top of Structure
AGGR.	Aggregate	DWR.	Drawer	HORIZ.	Horizontal	P.O.C.	Point of Connection	T.P.	Top of Pavement
	Above Finish Floor			H.V.A.C.	Heating, Ventilation & Air Conditioning	P.P.	Power Pole	T.P.D.	Toilet Paper
AL.	Aluminum	(E)	Existing			PRCST.	Precast		Dispenser
A.P.	Access Panel	E	East			P.S.I.	Pounds per Square Inch	T.S.	Top of Slab
APPROX.	Approximate	E	Each	I.D.	Inside Diameter			T.T.B.	Telephone Termination
ARCH.	Architectural	E.A.	Exhaust Fan	I.E.	Inside Elevator Pit				Backboard
A.S.C.	Above Suspended	E.F.	Each Face	I.F.	Inside Face	P.T.D.	Paper Towel	T.V.	Television
	Ceiling	E.J.	Electrical Joint	IN.	Inside	DISP.	Dispense </td <td>T.W.</td> <td>Top of Wall</td>	T.W.	Top of Wall
A.S.	Automated Sprinkler	ELEC.	Electrical	INC.	Include	P.T./R.	Combination Paper Towel Dispenser / Waste Receptacle	T.Y.	Typical
ASPH.	Asphalt	ELEV.	Elevator	INFO.	Information		Waste Dispenser / Waste Receptacle	V.A.R.	Varies
AUTO.	Automatic	EMER.	Emergency	INSUL.	Insulation	PTN.	Partition	VERT.	Vapor Barrier
		ENCL.	Enclosure	INT.	Interior	PVT.	Pavement	VIB.	Vibrations
BD.	Board	E.P.	Electrical Panelboard	INV.	Invert			V.I.F.	Verily in Field
B.F.G.	Below Finish Grade	EQU.	Equal					V.T.R.	Vent Through Roof
BITUM.	Bituminous	EQUIP.	Equipment	JAN.	Janitor	Q.M.T.	Quarry Tile	V.W.R.	Vinyl Floor Covering
BLDG.	Building	E.W.	Each Way	JST.	Joint				
B.L.C.	Black	E.W.C.	Electric Water Cooler	JT.	Joint				
BLKG	Blocking	EH.	Exhaust			R	RAD		Riser
B.M.	Bench Mark	EXP.	Exposed	KIT.	Kitchen	R	REF.		Radius
BM	Bolt	EXT.	Exterior	K.P.	Kick Plate	R.D.	R.D.R.		Roof Drain
B.O.S.	Bottom of Structure	EXO.	Exterior	KVA.	Kilovolt Amperes	REF.	REF.	W.	Water
BRG.	Bearing	FAS.	Faster(en)	KW	Kilowatt	REIN.	Reinforced	W.A.O.	Water Closet
BRK.	Break	F.A.	Fire Alarm			REQD.	Required	WOOD	Wood
BTM.	Bottom	F.B.	Face Brick	MAS.	Masonry	REV.	Revision	WDW.	Window
B.T.U.	British Thermal Unit	F.D.	Face Brick	MATL.	Material	RESIL.	Resilient	W.H.	Water Hammer
		F.O.	Face of	MAX.	Maximum	ROOM	Room	W.I.	Without
C	Conduit	F.D.	Face of	M.C.	Medicine Cabinet	R.O.	Room Opening	W.P.	Waterproof
CAB	Cabinet	FDN.	Foundation	MECH.	Mechanical	RWD.	Redwood	W.SCT.	Wainscot
C.B.	Catch Basin	F.A.	Fire Alarm	MFR.	Manufacturer			WT.	Weight
C.D.	Ceiling Diffuser	F.A.C.	Fire Extinguisher	M.H.	Manhole	S	South	W.W.F.	Welded Wire Fabric
C	Cement	F.B.	Face Brick	MIR.	Mirror	S	Solid Core	W.W.M.	Welded Wire Mesh
CER	Ceramic	F.F.	Finish Floor	MISC.	Miscellaneous	S.A.	Square Dispenser		
C.F.	Cubic Feet	F.F.	Finish Floor	MISC.	Miscellaneous	S.A.	Square Dispenser		
C.F.M.	Cubic Feet per Minute	F.H.	Fire Hydrant	M.O.	Masonry Opening	SD	Storm Drain		
	Coast Guard	F.D.C.	Fire Hose Cabinet	MTD	Mounted	SECT.	Section		
C.I.	Cast Iron	F.F.	Finish Floor	MTL.	Metal	S.F.	Square Foot		
C.I.P.	Cast-In-Place Cast Iron Pipe	F.L.	Flow Line	MUL.	Mullion	SH.	Shelf		
		FLUOR	Fluorescent	N	North	S.H.	Sprinkler Head		
		F.O.C.	Face of Concrete	N.I.C.	Not in Contract	SHR.	Shower		
CKT BRK.	Circuit Breaker	F.O.F.	Face of Finish	N.	Number	SHT.	Sheet		
CLR	Clear	F.O.M.	Face of Masonry	NOM.	Nominal	SMH.	Smooth		
C.M.U.	Concrete Masonry Unit	F.O.S.	Face of Stud	N.T.S.	Not to Scale	S.N.D.	Shut-off Valve		
CNTR.	Center	FTF	Foot	O.A.	Outside Air	S.O.V.	Shut-off Valve		
C.O.	Cleanout	FTF	Foot	O.A.	Outside Air	S.O.V.	Shut-off Valve		
C.O.T.G	Cleanout to Grade	FTG.	Footing	OIA	Overall	SPEC.	Specification		
COL.	Column	FUT.	Future	OBS.	Obscure	SPKR.	Speaker		
CONC.	Concrete			O.C.	On Center	SQ.	Square		
CTR.	Center	GA.	Gauge	O.D.	Outside Diameter	S.S.	Service Sink		
CTSK.	Countersink	GLV.	Galvanized	OFF.	Office	STA.	Station		
C.W.	Cold Water	GR.B.R.	Grab Bar	OPNG.	Opening	STR.	Structural		
		G.C.	General Contractor	OPP.	Opposite	SUSP.	Suspended		
		GL.	Glass	OVHD.	Overhead	SYM.	Symmetrical		
		G.I.	Galvanized Iron						





**DEMOLITION LEGEND**

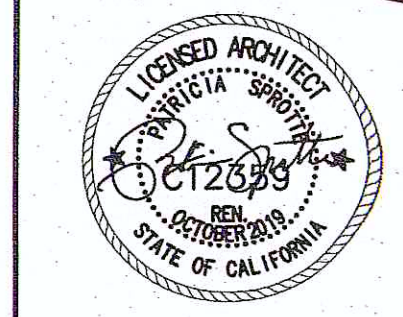
- DESCRIPTION**
- REMOVE EXISTING UTILITY OR STRUCTURE (SEE PLUMBING AND ELECTRICAL PLANS)
  - REMOVE EXISTING CONCRETE PAVEMENT
  - SAWCUT AND REMOVE EXISTING ROAD PAVEMENT (PCC & AC)
  - PLUG OR CAP EXISTING UTILITY



**CONSTRUCTION NOTES**

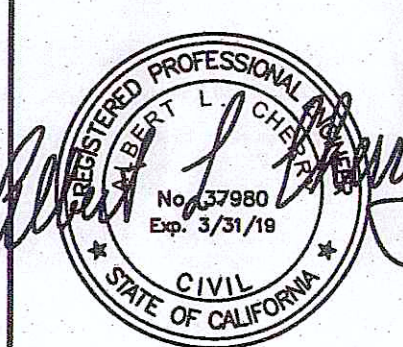
- 1 SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT AND CONCRETE TRENCH PATCHES.
- 2 SAWCUT AND REMOVE EXISTING PCC SIDEWALK.
- 3 REMOVE EXISTING PCC RAMP, WALLS AND RAILINGS.
- 4 REMOVE SECTION OF EXISTING MASONRY WALL.
- 5 SAWCUT AND REMOVE ASPHALT PAVEMENT 12" FROM EXISTING CURB. REMOVE EXISTING SIDEWALK AND CURBING. COORDINATE REMOVAL WITH NEW CONSTRUCTION.
- 6 REMOVE EXISTING UTILITY AS NOTED. COORDINATE WITH CIVIL UTILITY PLANS AND PLUMBING AND ELECTRICAL PLANS.
- 7 SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT FOR UTILITY CONNECTIONS. SEE UTILITY AND GRADING PLANS.
- 8 SAWCUT TRENCH & REMOVE PAVEMENT FOR FIRE SERVICE CONNECTION SEE SHEET C-104.
- 9 REMOVE CONCRETE BENCH PAD FOR STORM DRAIN INSTALLATION AND WALL REMOVAL. SEE SHEET C-104.
- 10 REMOVE EXISTING CAST IN PLACE WALL TO CRACK EAST OF STORM DRAIN OUTLET. SEE STRUCTURAL DRAWINGS FOR ADDED WALL RETURN.
- 11 REMOVE EXISTING CONCRETE CURBING.
- 12 REMOVE EXISTING INTEGRAL CURB AND SIDEWALK TO CURB RETURN.
- 13 REMOVE EXISTING BRICK PLANTER.
- 14 REMOVE EXISTING WOOD PLANTER AND TREE. TERMINATE EX. IRRIGATION AS REQUIRED.
- 15 SAWCUT AND REMOVE SIDEWALK AND CURB/OUTTER FOR CURB OUTLET CONSTRUCTION SEE SHEETS C-104 AND 105.
- 16 THE DISTRICT WILL REMOVE EXISTING 6' HIGH PERIMETER CONSTRUCTION FENCING WITH PLASTIC SCREENING AND SANDBAG ANCHORS PRIOR TO CONSTRUCTION.
- 17 REMOVE EXISTING CONSTRUCTION ENTRANCE GRAVEL.
- 18 REMOVE EXISTING STRAW WATTLES.
- 19 EXISTING WATER SERVICE FEEDS THE IRRIGATION SYSTEM SOUTH OF THE PROJECT. COORDINATE REMOVAL OF THE SYSTEM AND BACKFLOW DEVICE WITH THE IRRIGATION/LANDSCAPE PLANS.
- 20 HWD WILL ABANDON (TERMINATE AT THE MAIN) THE EXISTING 2" WATER SERVICE TO THE SITE. ABANDON SERVICE IN PLACE. REMOVE AS REQUIRED FOR CONSTRUCTION. COORDINATE WITH HWD. SEE SHEET C-104.

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**EVENT CENTER**  
PHASE 3  
**GROSSMONT HIGH SCHOOL DISTRICT**  
GROSSMONT UNION HIGH SCHOOL DISTRICT  
1100 MURRAY DRIVE  
EL CAJON, CA 92020

**CONSULTANT**



**REVISIONS**

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SERVICES  
04-117215  
A.C. - FLS - S.S. - J.R.  
DATE: OCT 01 2018

**DESCRIPTION**

**DEMOLITION PLAN**

**DATE**

09-25-18

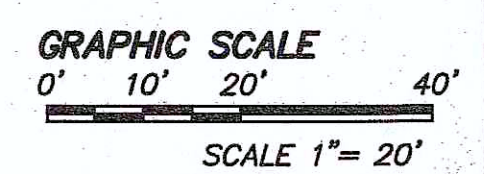
**JOB #**

13-0502.3

**SHEET #**

C-100

**CHERRY ENGINEERING**  
2323 FROBEL DRIVE, ESCONDIDO, CA. 92025  
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ARCHITECTURE | PLANNING

REGISTERED ARCHITECT

SPROTTE|WATSON

STATE OF CALIFORNIA

EVENT CENTER

PHASE 3

GROSSMONT HIGH SCHOOL

GROSSMONT UNION HIGH SCHOOL DISTRICT

1100 MURRAY DRIVE

EL CAJON, CA 92020

CONSULTANT

REGISTERED PROFESSIONAL

ALBERT CHERRY

FLS. NO. 37880

EXP. 5/31/19

CIVIL

STATE OF CALIFORNIA

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NO.	DESCRIPTION
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ALBERT CHERRY, FLS. NO. 37880

DATE: OCT 01 2018

DESCRIPTION

GRADING

PLAN 1

DATE

09-25-18

JOB #

13-0502.3

SHEET #

C-101

HND NO 5157

**WORK TO BE DONE**

DESCRIPTION

DWG. NO./REF.

SYMBOL

TRENCH RESURFACING

RSD G-24 (TYPE A)\*\*

ASPHALT PAVEMENT FIRE LANE AREAS (4"/11" AGG BASE)

7" PCC CONCRETE PAVEMENT FIRE LANE

4" PCC CONCRETE HARDSCAPE

SEE ARCHITECTURAL PLANS

RETAINING WALL

FINISH CONTOUR

GRADE BREAK

SPOT ELEVATION (ADD 600 TO SPOTS FOR ACTUAL ELEVATIONS)

6" TRENCH DRAIN (NDS DURA SLOPE)

DET. 'A' SHT. C-105

**CONSTRUCTION NOTES**

1 SEE C-103 FOR EXISTING UTILITY RELOCATIONS. SEE ELECTRICAL PLANS FOR UTILITY REMOVALS/RELOCATIONS.

2 REMOVE EXISTING TREE.

3 REMOVE EXISTING FIRE ALARM PULLBOX. SEE ELECTRICAL PLANS.

4 SEE ARCHITECTURAL PLANS FOR STAIRS.

5 OLD BOILER ROOM AREA CONTAINS UNDOCUMENTED FILL TO APPROX. ELEVATION 688.0. THIS FILL MUST BE REMOVED AND REPLACED AS ENGINEERED FILL. APPROX. AREA IS 30'x24'.

6 SEE ARCHITECTURAL PLANS AND STRUCTURAL PLANS FOR DEPRESSED AREAS. FINISH FLOOR REMAINS AT 675.00 WITH BUILT-UP FLOORING.

**CONSTRUCTION NOTES (CONT.)**

1 SEE C-103 FOR EXISTING UTILITY RELOCATIONS. SEE ELECTRICAL PLANS FOR UTILITY REMOVALS/RELOCATIONS.

2 REMOVE EXISTING TREE.

3 REMOVE EXISTING FIRE ALARM PULLBOX. SEE ELECTRICAL PLANS.

4 SEE ARCHITECTURAL PLANS FOR STAIRS.

5 OLD BOILER ROOM AREA CONTAINS UNDOCUMENTED FILL TO APPROX. ELEVATION 688.0. THIS FILL MUST BE REMOVED AND REPLACED AS ENGINEERED FILL. APPROX. AREA IS 30'x24'.

6 SEE ARCHITECTURAL PLANS AND STRUCTURAL PLANS FOR DEPRESSED AREAS. FINISH FLOOR REMAINS AT 675.00 WITH BUILT-UP FLOORING.

**DETAILS**

Detail A/C-105 calls for 4" minimum concrete beside the trench drains. There are handrails adjacent to the trench drains to the north and east of Building C. Contractor proposes to install 8" of concrete on the landscape side of the trench drain to help support the handrail (see attached). Is this acceptable?

8.0'

6.67'

2'

75.00FS

1.95%

74.87TG

2:1

6" TREE

8" TREE

**CHERRY ENGINEERING**

2323 FROBEL DRIVE, ESCONDIDO, CA. 92025

Ph (858) 231.4372 albert@cherryeng.com

GRAPHIC SCALE

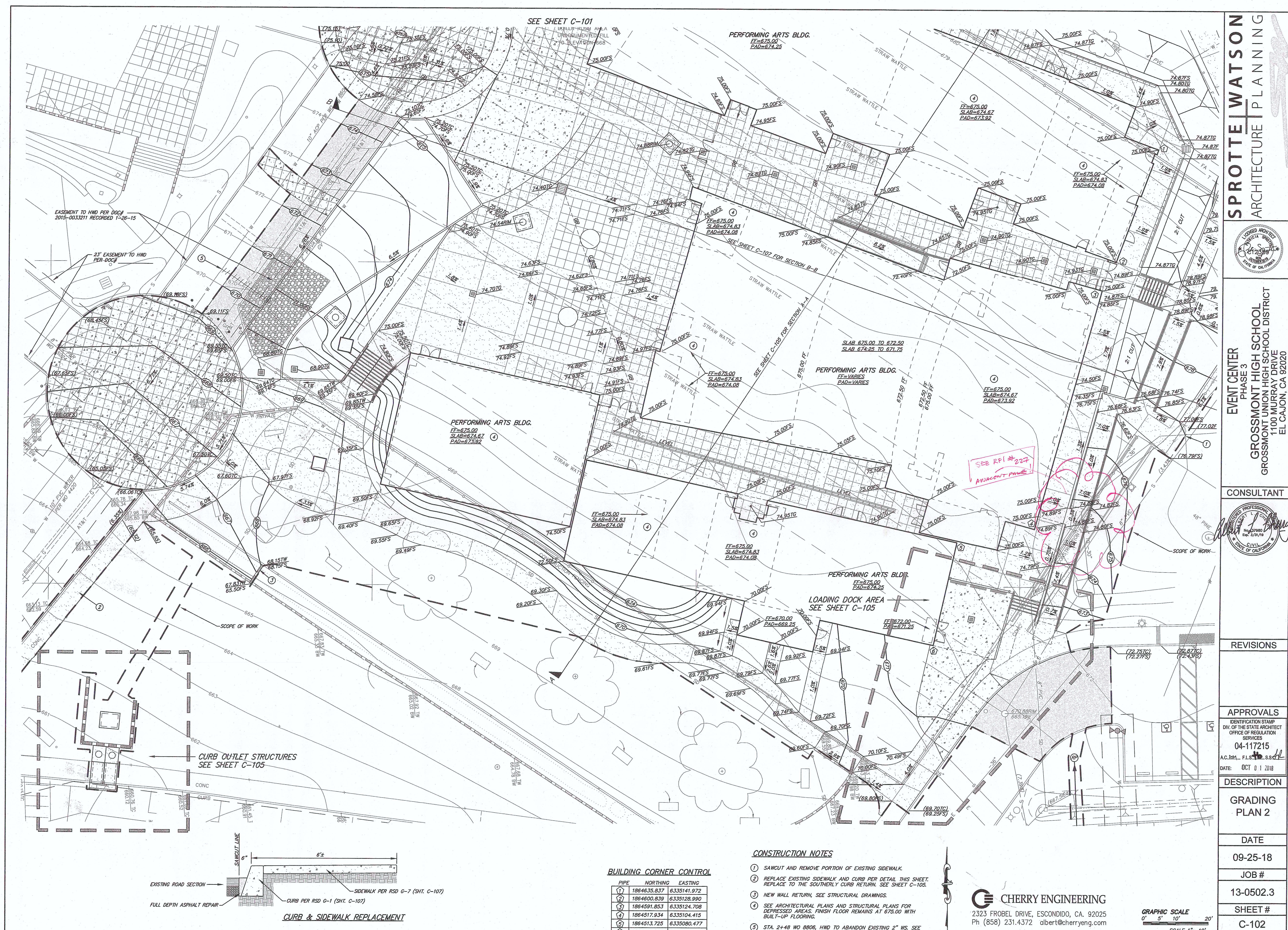
0' 5' 10' 20'

SCALE 1"= 10'









SEE SHEET C-101

PERFORMING ARTS BLDG.  
FF=675.00  
SLAB=674.25  
PAD=674.25

PERFORMING ARTS BLDG.  
FF=675.00  
SLAB=674.67  
PAD=674.67

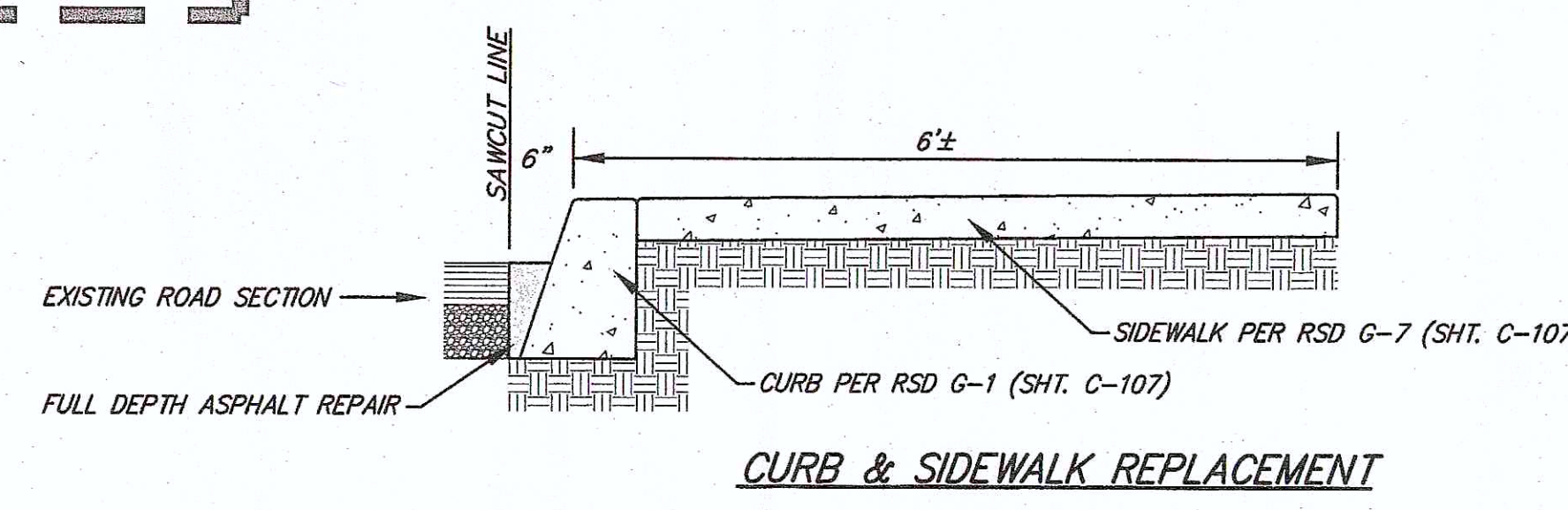
PERFORMING ARTS BLDG.  
FF=VARIES  
PAD=VARIES

PERFORMING ARTS BLDG.  
FF=675.00  
SLAB=674.25  
PAD=674.25

LOADING DOCK AREA  
SEE SHEET C-105

SEE RFI #227  
ADJACENT PHASE

CURB OUTLET STRUCTURES  
SEE SHEET C-105



CURB & SIDEWALK REPLACEMENT

BUILDING CORNER CONTROL

PIPE	NORTHING	EASTING
1	1864635.837	6335141.972
2	1864800.839	6335128.990
3	1864591.853	6335124.708
4	1864517.934	6335104.415
5	1864513.725	6335080.477
6	1864481.820	6335073.491

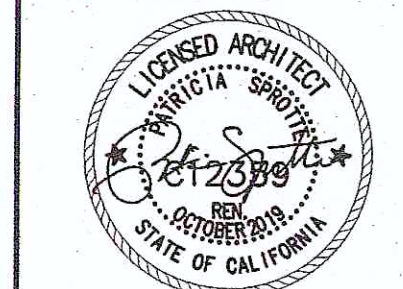
CONSTRUCTION NOTES

- SAWCUT AND REMOVE PORTION OF EXISTING SIDEWALK.
- REPLACE EXISTING SIDEWALK AND CURB PER DETAIL THIS SHEET. REPLACE TO THE SOUTHERLY CURB RETURN. SEE SHEET C-105.
- NEW WALL RETURN, SEE STRUCTURAL DRAWINGS.
- SEE ARCHITECTURAL PLANS AND STRUCTURAL PLANS FOR DEPRESSED AREAS. FINISH FLOOR REMAINS AT 675.00 WITH BUILT-UP FLOORING.
- STA. 24+48 WD 8806, HWD TO ABANDON EXISTING 2" WS. SEE NOTE 21 SHEET C-109

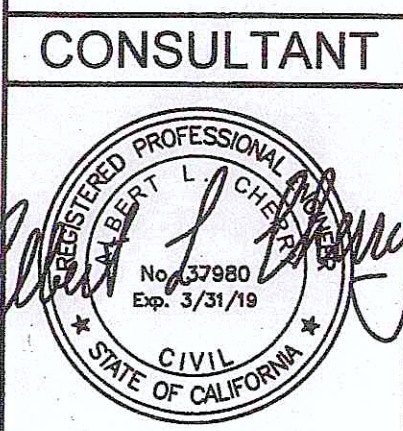
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GRAPHIC SCALE  
0' 5' 10' 20'  
SCALE 1"= 10'

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DATE: OCT 01 2018

DESCRIPTION

GRADING  
PLAN 2

DATE  
09-25-18  
JOB #  
13-0502.3  
SHEET #  
C-102



VRT CLASSROOM BUILDING



WORK TO BE DONE

DESCRIPTION  
12"/24" PRECAST CATCH BASIN  
6" TRENCH DRAIN (NDS DURA SLOPE)  
4" AREA DRAIN  
STORM DRAIN CLEANOUT  
CURB OUTLET  
SEWER MANHOLE  
PVC STORM DRAIN (SDR 35) (SIZE AS NOTED, < 12")  
PVC (SDR 35) SEWER MAIN (SIZE AS NOTED)  
TYPE 'A' SEWER CLEANOUT (OR STORM DRAIN)  
GATE VALVE (SIZE AS NOTED)

DWG. NO./REF.  
DET. 'B' & 'C' SHT. C-105  
DET. 'A' SHT. C-105  
DET. 'D' SHT. C-105  
RSD D-9 SHT. C-106  
RSD D-25 SHT. C-106  
RSD SM-02 SHT. C-107  
ASTM D 3034 SDR-35  
RSD SP-02 SHT. C-106  
RSD SC-01 SHT. C-107  
WV-01\* SHT. C-106

SYMBOL  
[Symbol]  
[Symbol]  
[Symbol]  
[Symbol]  
[Symbol]  
[Symbol]  
[Symbol]  
[Symbol]  
[Symbol]  
[Symbol]

WORK TO BE DONE (CONT.)

DESCRIPTION  
CONCRETE THRUST BLOCK (SEE TABLE THIS SHEET)  
6" PVC PRIVATE FIRE SERVICE LINE (AWMA C900 CL 305)  
4" REDUCED PRESSURE DETECTOR ASSEMBLY W/PVC  
SEE NOTE 1 SHEET C-104 FOR WORK BY HND  
PVC (SCHED. 80) PRIVATE WATER SERVICE LINE (SIZE AS IND.)  
4" DUCTILE IRON PIPE (DIP) SEWER  
BUILDING SEWER CONNECTION  
BUILDING WATER CONNECTION (PRIVATE)  
BUILDING ROOF DRAIN  
BUILDING FIRE SERVICE (SPRINKLER)  
RETAINING WALL DRAIN

DWG. NO./REF.  
WT-01\* SHT. C-106  
WP-02\* SHT. C-106  
WP-05 SHT. C-106  
SEE PLUMBING PLANS  
SEE PLUMBING PLANS  
SEE ARCHITECTURAL PLANS  
SEE FIRE SPRINKLER PLANS  
SEE STRUCT/ARCH'L PLANS

SYMBOL  
[Symbol]  
[Symbol]  
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SEE SHEET C-104

CONSTRUCTION NOTES

- POINT OF CONNECTION FOR EXISTING SEWER RELOCATION.
- POINT OF CONNECTION FOR EXISTING PRIVATE WATER RELOCATION.
- REMOVE SECTION OF EXISTING 8" PVC SEWER AND INSTALL NEW 8" SEWER. SEE SHEET C-100 FOR SEWER DEMOLITION.
- INSTALL WYE SADDLE ON EXISTING 8" SEWER AND CONNECT BUILDING SEWER.
- POINT OF CONNECTION TO EXISTING GAS SERVICE. EXCAVATE AND LOCATE EXISTING GAS. SEE PLUMBING PLAN P-1.2 FOR SOV DETAILS.
- CONSTRUCT SEWER MH PER DETAIL SM-02 SHEET C-107.

CONSTRUCTION NOTES (CONT.)

- SEE SHEET C-104 FOR HND WORK.
- CONNECT RAMP WALL DRAIN TO STORM DRAIN.

THRUST BLOCK SIZES

SIZE	TEE	90°	45°	22.5°	1500 #/SF SOIL BEARING
4"	45F	55F	35F	25F	200 PSI TEST PRESSURE

CHERRY E  
2323 FROBEL DRIVE, ES  
Ph (858) 231.4372 ol

SPROTTE WATSON  
ARCHITECTURE PLANNING



EVENT CENTER  
PHASE 3  
GROSSMONT HIGH SCHOOL DISTRICT  
GROSSMONT UNION HIGH SCHOOL DISTRICT  
1100 MURRAY DRIVE  
EL CAJON, CA 92020

CONSULTANT

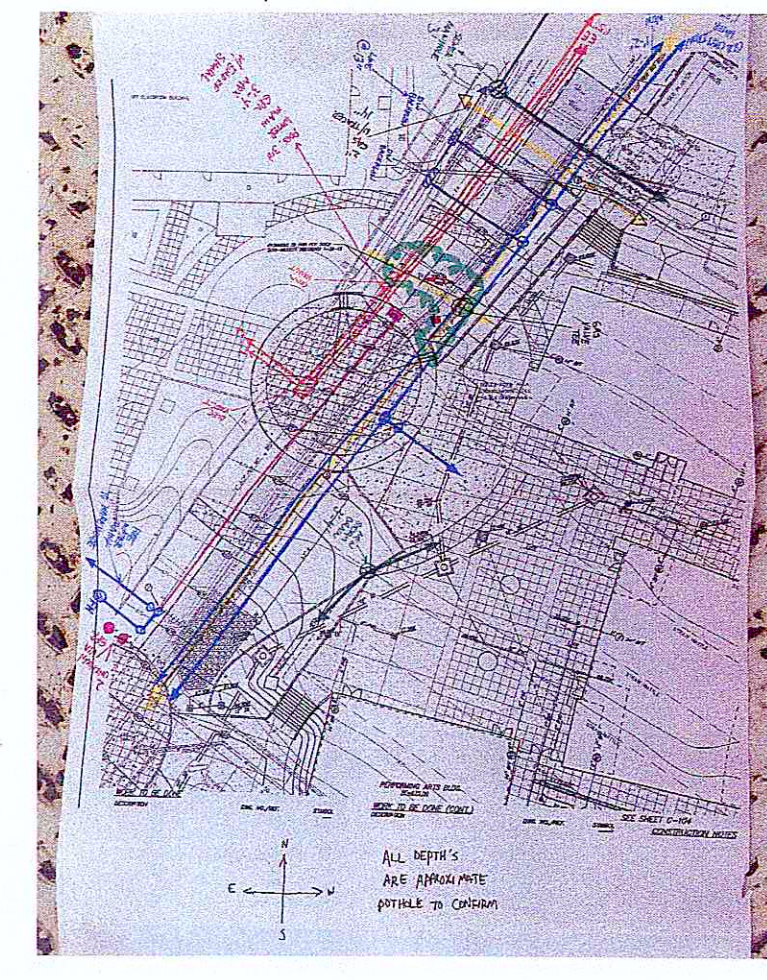
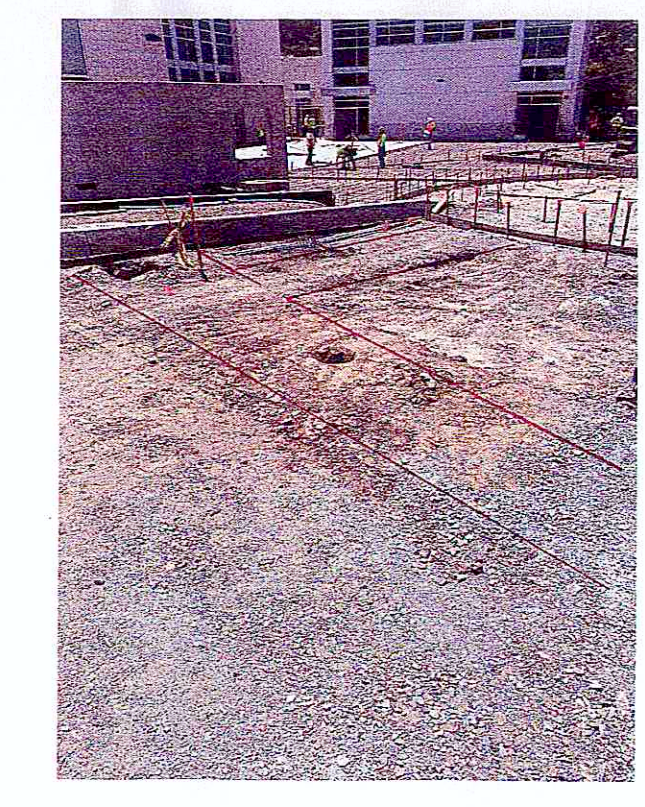
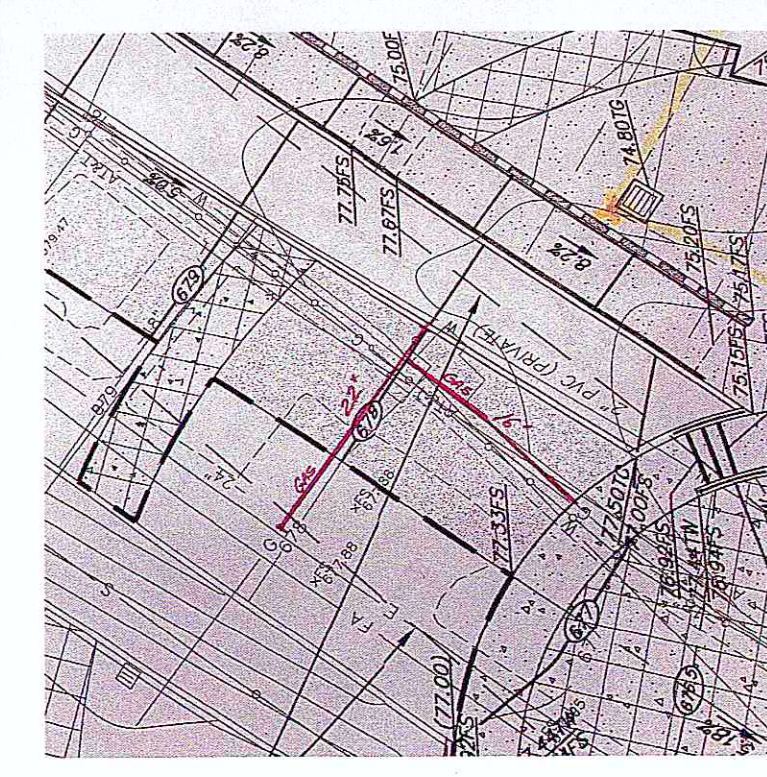


REVISIONS

ADDENDUM 1

SEE ADD-3





RFI-324

CONSTRUCTION NOTES (CONT.)

1. POINT OF CONNECTION FOR EXISTING STREET RELOCATION	2. SEE SHEET C-104 FOR THE WORK
3. POINT OF CONNECTION FOR EXISTING DRIVEWAY WITH NO CHANGE	4. CORRECT RAMP W/OT DOWN TO TYPICAL DRIVE
5. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	6. SEE SHEET C-104 FOR THE WORK
7. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	8. SEE SHEET C-104 FOR THE WORK
9. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	10. SEE SHEET C-104 FOR THE WORK
11. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	12. SEE SHEET C-104 FOR THE WORK
13. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	14. SEE SHEET C-104 FOR THE WORK
15. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	16. SEE SHEET C-104 FOR THE WORK
17. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	18. SEE SHEET C-104 FOR THE WORK
19. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	20. SEE SHEET C-104 FOR THE WORK
21. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	22. SEE SHEET C-104 FOR THE WORK
23. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	24. SEE SHEET C-104 FOR THE WORK
25. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	26. SEE SHEET C-104 FOR THE WORK
27. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	28. SEE SHEET C-104 FOR THE WORK
29. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	30. SEE SHEET C-104 FOR THE WORK
31. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	32. SEE SHEET C-104 FOR THE WORK
33. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	34. SEE SHEET C-104 FOR THE WORK
35. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	36. SEE SHEET C-104 FOR THE WORK
37. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	38. SEE SHEET C-104 FOR THE WORK
39. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	40. SEE SHEET C-104 FOR THE WORK
41. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	42. SEE SHEET C-104 FOR THE WORK
43. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	44. SEE SHEET C-104 FOR THE WORK
45. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	46. SEE SHEET C-104 FOR THE WORK
47. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	48. SEE SHEET C-104 FOR THE WORK
49. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	50. SEE SHEET C-104 FOR THE WORK
51. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	52. SEE SHEET C-104 FOR THE WORK
53. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	54. SEE SHEET C-104 FOR THE WORK
55. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	56. SEE SHEET C-104 FOR THE WORK
57. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	58. SEE SHEET C-104 FOR THE WORK
59. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	60. SEE SHEET C-104 FOR THE WORK
61. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	62. SEE SHEET C-104 FOR THE WORK
63. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	64. SEE SHEET C-104 FOR THE WORK
65. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	66. SEE SHEET C-104 FOR THE WORK
67. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	68. SEE SHEET C-104 FOR THE WORK
69. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	70. SEE SHEET C-104 FOR THE WORK
71. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	72. SEE SHEET C-104 FOR THE WORK
73. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	74. SEE SHEET C-104 FOR THE WORK
75. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	76. SEE SHEET C-104 FOR THE WORK
77. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	78. SEE SHEET C-104 FOR THE WORK
79. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	80. SEE SHEET C-104 FOR THE WORK
81. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	82. SEE SHEET C-104 FOR THE WORK
83. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	84. SEE SHEET C-104 FOR THE WORK
85. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	86. SEE SHEET C-104 FOR THE WORK
87. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	88. SEE SHEET C-104 FOR THE WORK
89. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	90. SEE SHEET C-104 FOR THE WORK
91. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	92. SEE SHEET C-104 FOR THE WORK
93. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	94. SEE SHEET C-104 FOR THE WORK
95. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	96. SEE SHEET C-104 FOR THE WORK
97. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	98. SEE SHEET C-104 FOR THE WORK
99. REMOVE EXISTING DRIVEWAY TO EXISTING DRIVEWAY WITH NO CHANGE	100. SEE SHEET C-104 FOR THE WORK



Erickson-Hall Construction Co. RFI# 34 Site Gas Main Route - Kevin Ruebel

It seems unnecessary to route the new gas main as shown. Please confirm that the attached revised route is acceptable.

The Point of connection, Note 5, for the gas on C-103 is to lateral that was capped off in demolition. The lateral connects to the same 3" MPFG line. We take no exception to the proposed location of the of POC as shown on the attachment. Please provide as built information for the new POC and a credit to the district for the reduction in length of gas line.

Shallow Utilities @ Fire Lane - Kevin Ruebel RFI# 324

In the Fire Lane just above the upper concrete circle in the asphalt section (Location shown in the attachment) there is an existing gas line that will only be 1" to 2" below grade prior to Agg. Base and Asphalt. Per Ninyo & Moore recommendation a concrete protective cap should be placed above these shallow utilities for protection. Per discussion with design team it was suggested that a (red) 2 sack slurry be placed above these shallow locations extending 18" beyond utility in each direction and allowing for approximately 9" of base above per asphalt section requirements. Please confirm this will be acceptable as well as performing the work on T&M.

Provide 4 inches of AC over 4 inches of base over 7+/- inches of red 2 sack slurry that extends laterally 18 inches from the utility

Erickson-Hall Construction Co. RFI# 23 Site Sewer / Water Conflict - Kevin Ruebel

See attached. The existing water (4" C600) is not located where indicated on C-103. It crosses over the new sewer. Because of the acute angle as it crosses the sewer, a large length of the water will need to be left exposed to install the new sewer (beneath it). If left in place as indicated there is a very high probability that the water line will buckle and rupture.

Agree with the proposed rerouting of water line to avoid sewer. Extent of relocation may be able to be reduced. Reroute gas line to parallel water line. Water line location may require adjustment in location of tap for new building. See attached response.

SCOTT MICHAEL INC. RFI# 22 Water Burial Valve to isolate EC - Kevin Ruebel

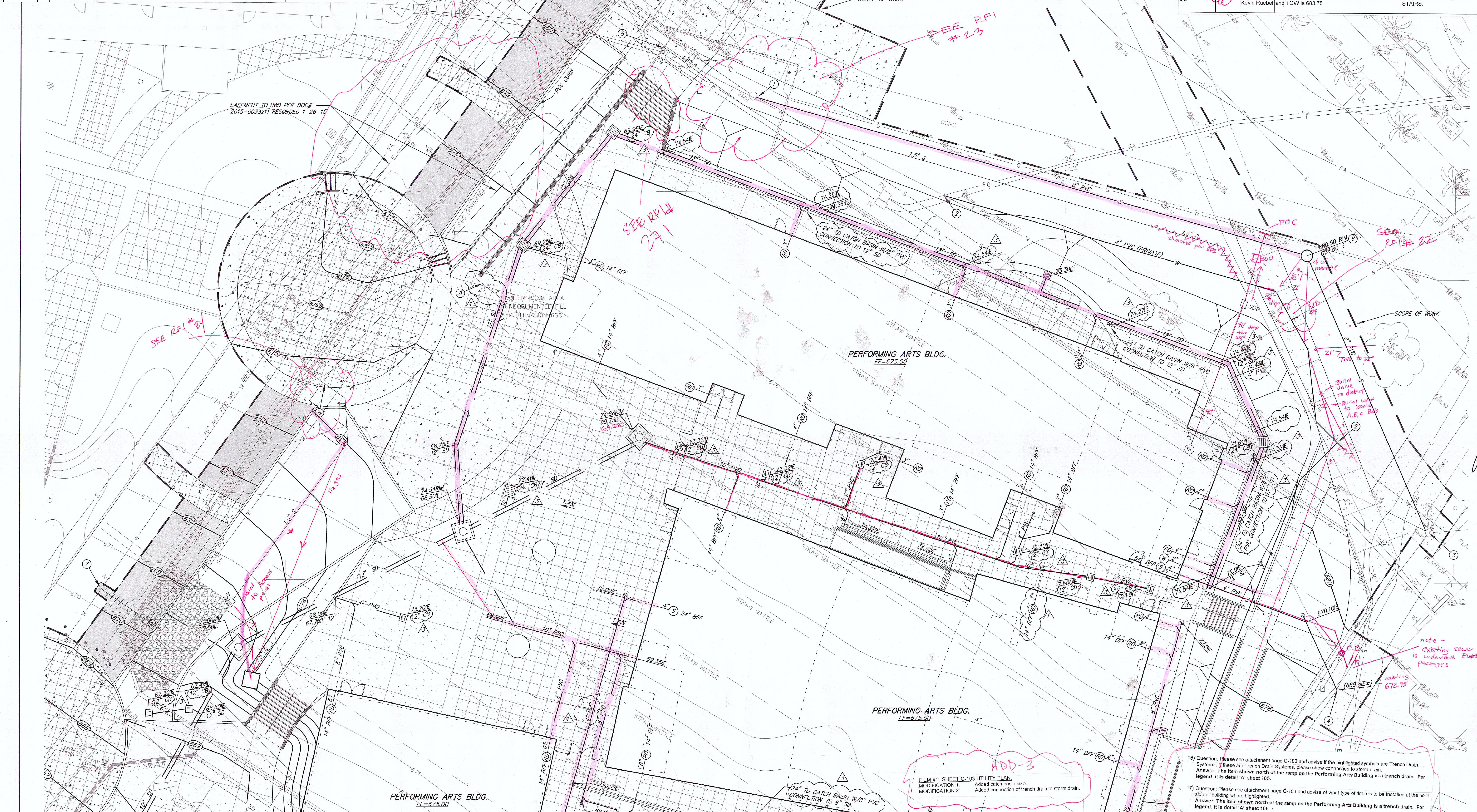
There is no burial valve shown on the plans to isolate the new water supply from existing. May we install an additional burial valve at the location shown on the attached C-103 drawing?

No Exception Taken. The district has requested a valve on the line to the 500 building.

Erickson-Hall Construction Co. RFI# 271 North Ramp and Stair Wall Heights - Kevin Ruebel

Elevations provided for top of wall do not match details that provide height above adjacent concrete. Please confirm that both walls are the same height and TOW is 683.75

confirmed BOTH WALLS ARE 3'-6" ABOVE FINISHED SURFACE AT TOP OF STAIRS.



WORK TO BE DONE		WORK TO BE DONE (CONT.)	
DESCRIPTION	DWG. NO./REF.	DESCRIPTION	DWG. NO./REF.
12" 24" PRECAST CATCH BASIN	DET. 'B' & 'C' SHT. C-105	CONCRETE THRUST BLOCK (SEE TABLE THIS SHEET)	WT-01* SHT. C-106
6" TRENCH DRAIN (NOS DURA SLOPE)	DET. 'A' SHT. C-105	6" PVC PRIVATE FIRE SERVICE LINE (ANWA C900 CL 305)	WF-02* SHT. C-106
4" AREA DRAIN	DET. 'D' SHT. C-105	4" REDUCED PRESSURE DETECTOR ASSEMBLY W/FDC	WP-05 SHT. C-106
STORM DRAIN CLEANOUT	RSD D-9 SHT. C-106	SEE NOTE 1 SHEET C-104 FOR WORK BY HWD	
CURB OUTLET	RSD D-25 SHT. C-106	4" DUCTILE IRON PIPE (DIP) SEWER	
SEWER MANHOLE	RSD SM-02 SHT. C-107	PVC (SCHED. 80) PRIVATE WATER SERVICE LINE (SIZE AS IND.)	
PVC STORM DRAIN (SDR 35) (SIZE AS NOTED, < 12")	ASTM D 3034 SDR-35	4" DUCTILE IRON PIPE (DIP) SEWER	
PVC (SDR 35) SEWER MAIN (SIZE AS NOTED)	RSD SP-02 SHT. C-106	BUILDING SEWER CONNECTION	SEE PLUMBING PLANS
TYPE 'A' SEWER CLEANOUT (OR STORM DRAIN)	RSD SC-01 SHT. C-107	BUILDING WATER CONNECTION (PRIVATE)	SEE PLUMBING PLANS
GATE VALVE (SIZE AS NOTED)	WV-01* SHT. C-106	BUILDING ROOF DRAIN	SEE FIRE SPRINKLER PLANS
		BUILDING FIRE SERVICE (SPRINKLER)	SEE STRUCT/ARCH'L PLANS
		RETAINING WALL DRAIN	

CONSTRUCTION NOTES		CONSTRUCTION NOTES (CONT.)	
1) POINT OF CONNECTION FOR EXISTING SEWER RELOCATION.		7) SEE SHEET C-104 FOR HWD WORK.	
2) POINT OF CONNECTION FOR EXISTING PRIVATE WATER RELOCATION.		8) CONNECT RAMP WALL DRAIN TO STORM DRAIN.	
3) REMOVE SECTION OF EXISTING 8" PVC SEWER AND INSTALL NEW 8" SEWER. SEE SHEET C-100 FOR SEWER DEMOLITION.			
4) INSTALL WYE SADDLE ON EXISTING 8" SEWER AND CONNECT BUILDING SEWER.			
5) POINT OF CONNECTION TO EXISTING GAS SERVICE. EXCAVATE AND LOCATE EXISTING GAS. SEE PLUMBING PLAN P-1.2 FOR SOV DETAILS.			
6) CONSTRUCT SEWER MH PER DETAIL SM-02 SHEET C-107.			

THRUST BLOCK SIZES	
SIZE	TEE 90° 45° 22.5° 1500 #/SF SOIL BEARING
4"	45F 55F 35F 25F 200 PSI TEST PRESSURE

**SPROTTE WATSON**  
ARCHITECTURE | PLANNING

REGISTERED ARCHITECT  
STATE OF CALIFORNIA  
No. 22350  
Exp. 3/31/19

EVENT CENTER  
PHASE 3  
GROSSMONT HIGH SCHOOL  
GROSSMONT UNION HIGH SCHOOL DISTRICT  
1100 MURRAY DRIVE  
EL CAJON, CA 92020

CONSULTANT

REGISTERED PROFESSIONAL  
No. 22390  
Exp. 3/31/19  
CIVIL  
STATE OF CALIFORNIA

REVISIONS	
ADDENDUM 1	
ADDENDUM 3	

APPROVALS	
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES	04-117215
A.C. FLS. S.S.	
DATE:	

DESCRIPTION	
UTILITY PLAN 1	

DATE	
09-25-18	

JOB #	
13-0502.3	

SHEET #	
C-103	

**CHERRY ENGINEERING**  
2323 FROBEL DRIVE, ESCONDIDO, CA. 92025  
Ph (858) 231.4372 albert@cherryeng.com

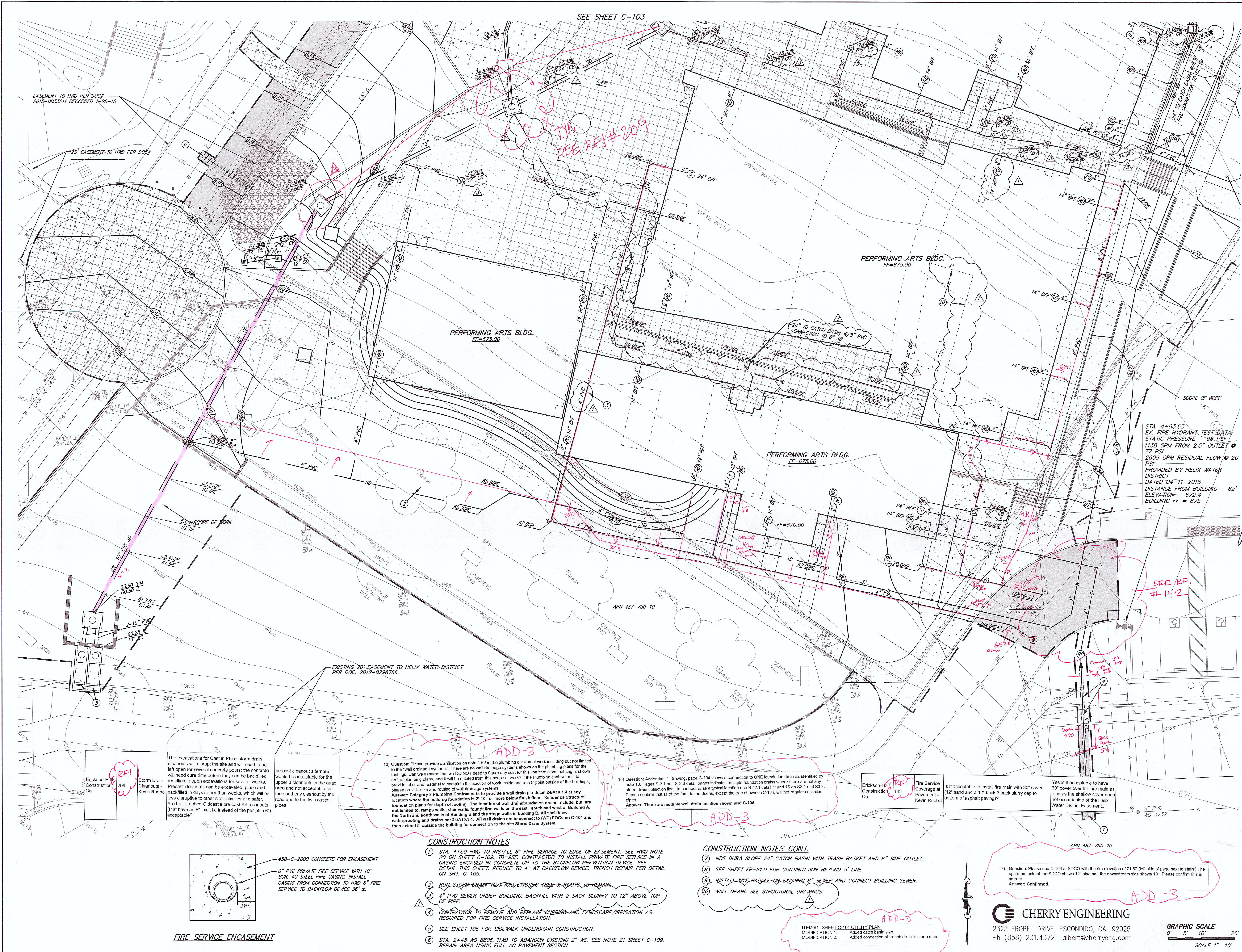
GRAPHIC SCALE  
0' 5' 10' 20'  
SCALE 1"= 10'

HWD NO 5157









EASEMENT TO HMD PER DOC# 2015-0033211 RECORDED 1-26-15

SEE SHEET C-103

PERFORMING ARTS BLDG. FF=675.00

PERFORMING ARTS BLDG. FF=675.00

PERFORMING ARTS BLDG. FF=675.00

STA. 4+63.65  
EX. FIRE HYDRANT TEST DATA:  
STATIC PRESSURE - 96 PSI  
1138 GPM FROM 2.5" OUTLET @ 77 PSI  
2609 GPM RESIDUAL FLOW @ 20 PSI  
PROVIDED BY HELIX WATER DISTRICT  
DATED 04-11-2018  
DISTANCE FROM BUILDING - 62'  
ELEVATION - 672.4  
BUILDING FF = 675

EXISTING 20' EASEMENT TO HELIX WATER DISTRICT PER DOC. 2012-0228766

Erickson-Hall Construction Co. 209  
Storm Drain Cleanouts - Kevin Ruebe

The excavations for Cast in Place storm drain cleanouts will disrupt the site and will need to be left open for several concrete pours; the concrete will need cure time before they can be backfilled, resulting in open excavations for several weeks. Precast cleanouts can be excavated, placed and backfilled in days rather than weeks, which will be less disruptive to other site activities and safer. Are the attached Oldcastle pre-cast A4 cleanouts that have an 8" thick lid instead of the per-plan 6" acceptable?

13) Question: Please provide clarification on note 1.62 in the plumbing division of work including but not limited to the "wall drainage systems". There are no wall drainage systems shown on the plumbing plans for the footings. Can we assume that we DO NOT need to figure any cost for this line item since nothing is shown on the plumbing plans, and it will be deleted from this scope of work? If the Plumbing Contractor is to provide labor and material to complete this section of work inside and to a 5' point outside of the buildings, please provide size and routing of wall drainage systems.  
Answer: Category 8 Plumbing Contractor is to provide a wall drain per detail 24A10.1.4 at any location where the building foundation is 2'-10" or more below finish floor. Reference Structural foundation plans for depth of footing. The location of wall drain/foundation drains include, but are not limited to, ramp walls, stair walls, foundation walls on the east, south and west of Building A, the North and south walls of Building B and the stage walls in building B. All shall have waterproofing and drains per 24A10.1.4. All wall drains are to connect to (WD) POCs on C-104 and then extend 5' outside the building for connection to the site Storm Drain System.

15) Question: Addendum 1 Drawing, page C-104 shows a connection to ONE foundation drain as identified by note 10. Pages 5-3.1 and 5-3.3 detail pages indicates multiple foundation drains where there are not any storm drain collection lines to connect to as a typical location see S-42.1 detail 11 and 15 on S3.1 and S3.3. Please confirm that all of the foundation drains, except the one shown on C-104, will not require collection pipes.  
Answer: There are multiple wall drain location shown and C-104.

Erickson-Hall Construction Co. 142  
Fire Service Coverage at Pavement - Kevin Ruebe

Is it acceptable to install fire main with 30" cover (12" sand and a 12" thick 3 sack slurry cap to bottom of asphalt paving)?

Yes it is acceptable to have 30" cover over the fire main as long as the shallow cover does not occur inside of the Helix Water District Easement.

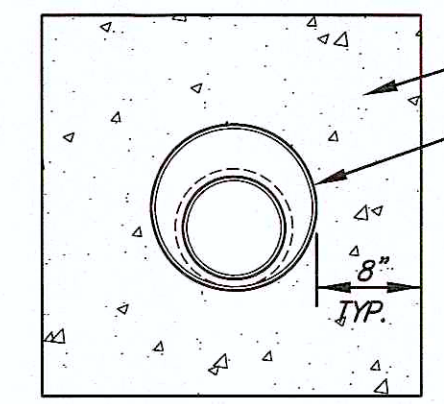
CONSTRUCTION NOTES

- 1) STA. 4+50 HMD TO INSTALL 6" FIRE SERVICE TO EDGE OF EASEMENT. SEE HMD NOTE 20 ON SHEET C-109. TB=95'. CONTRACTOR TO INSTALL PRIVATE FIRE SERVICE IN A CASING ENCASED IN CONCRETE UP TO THE BACKFLOW PREVENTION DEVICE. SEE DETAIL THIS SHEET. REDUCE TO 4" AT BACKFLOW DEVICE. TRENCH REPAIR PER DETAIL ON SHT. C-109.
- 2) RUN STORM DRAIN TO AVOID EXISTING TREE & ROOTS TO REMAIN.
- 3) 4" PVC SEWER UNDER BUILDING. BACKFILL WITH 2 SACK SLURRY TO 12" ABOVE TOP OF PIPE.
- 4) CONTRACTOR TO REMOVE AND REPLACE CURBS AND LANDSCAPE/IRRIGATION AS REQUIRED FOR FIRE SERVICE INSTALLATION.
- 5) SEE SHEET 105 FOR SIDEWALK UNDERDRAIN CONSTRUCTION.
- 6) STA. 2+48 WD 8806 HMD TO ABANDON EXISTING 2" WS. SEE NOTE 21 SHEET C-109. REPAIR AREA USING FULL AC PAVEMENT SECTION.

CONSTRUCTION NOTES CONT.

- 7) NDS DURA SLOPE 24" CATCH BASIN WITH TRASH BASKET AND 8" SIDE OUTLET.
- 8) SEE SHEET FP-S1.0 FOR CONTINUATION BEYOND 5' LINE.
- 9) INSTALL WYE SADDLE ON EXISTING 8" SEWER AND CONNECT BUILDING SEWER.
- 10) WALL DRAIN. SEE STRUCTURAL DRAWINGS.

ITEM #1- SHEET C-104 UTILITY PLAN.  
MODIFICATION 1: Added catch basin size.  
MODIFICATION 2: Added connection of trench drain to storm drain.



FIRE SERVICE ENCASEMENT

CHERRY ENGINEERING  
2323 FROBEL DRIVE, ESCONDIDO, CA. 92025  
Ph (858) 231.4372 albert@cherryeng.com

GRAPHIC SCALE  
0' 5' 10' 20'  
SCALE 1"= 10'

SPROTTE|WATSON  
ARCHITECTURE|PLANNING

EVENT CENTER  
PHASE 3  
GROSSMONT HIGH SCHOOL DISTRICT  
GROSSMONT UNION HIGH SCHOOL DRIVE  
1100 MURRAY DRIVE  
EL CAJON, CA 92020

CONSULTANT

REVISIONS  
ADDENDUM 1  
ADDENDUM 3

APPROVALS  
IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
OFFICE OF REGULATION  
SERVICES  
04-117215  
A.C. F.L.S. S.S.  
DATE:  
DESCRIPTION  
UTILITY  
PLAN 2

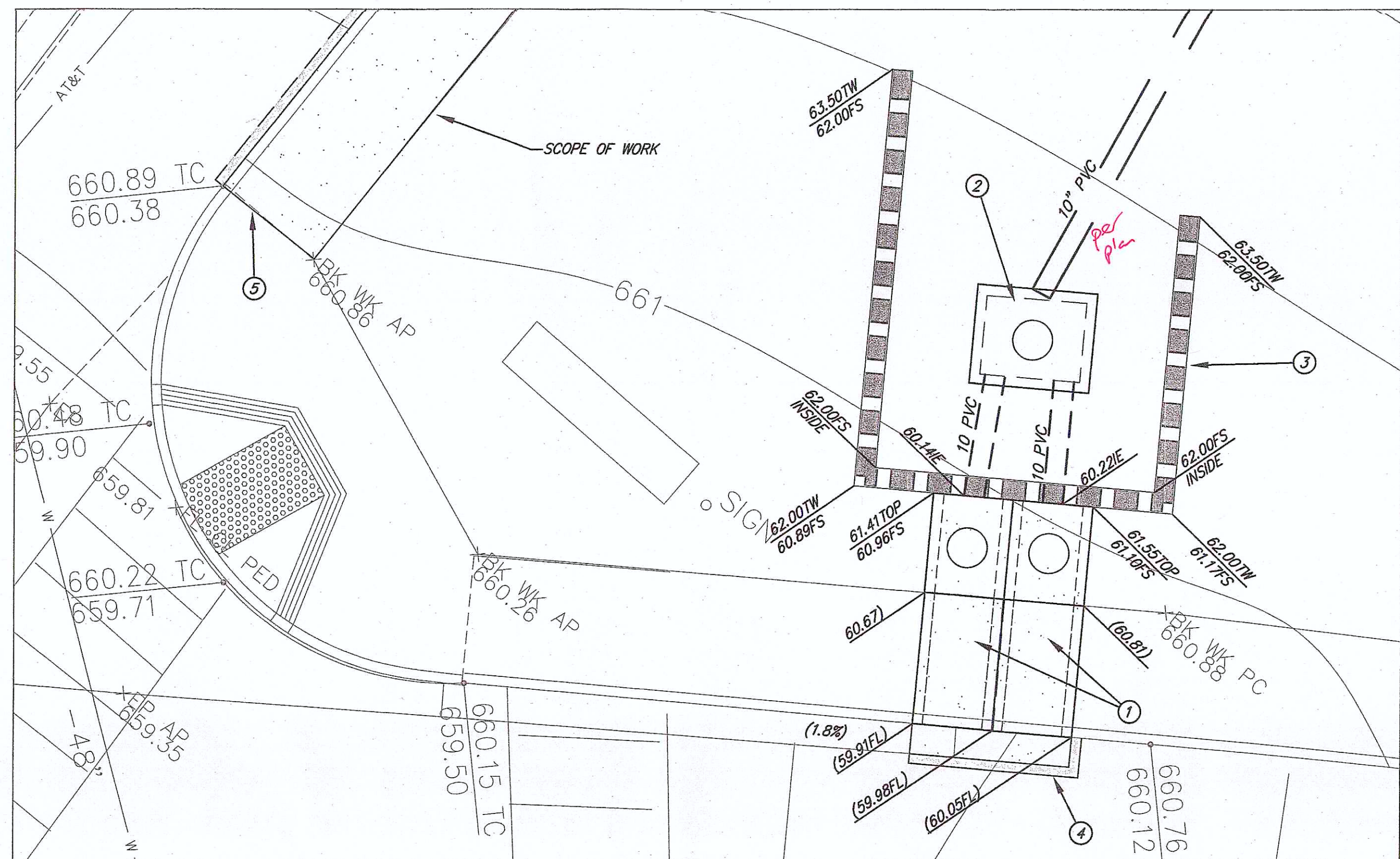
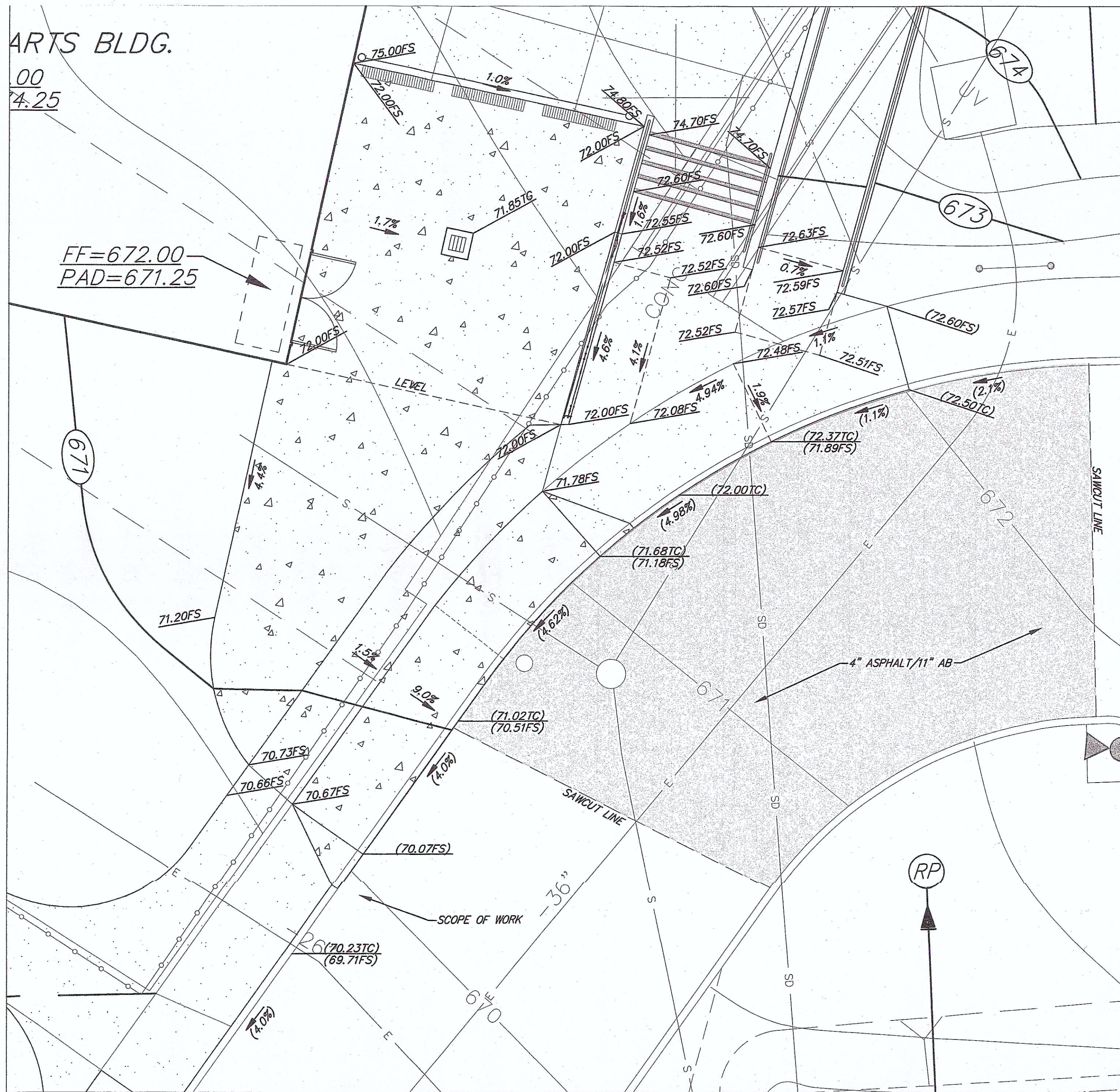
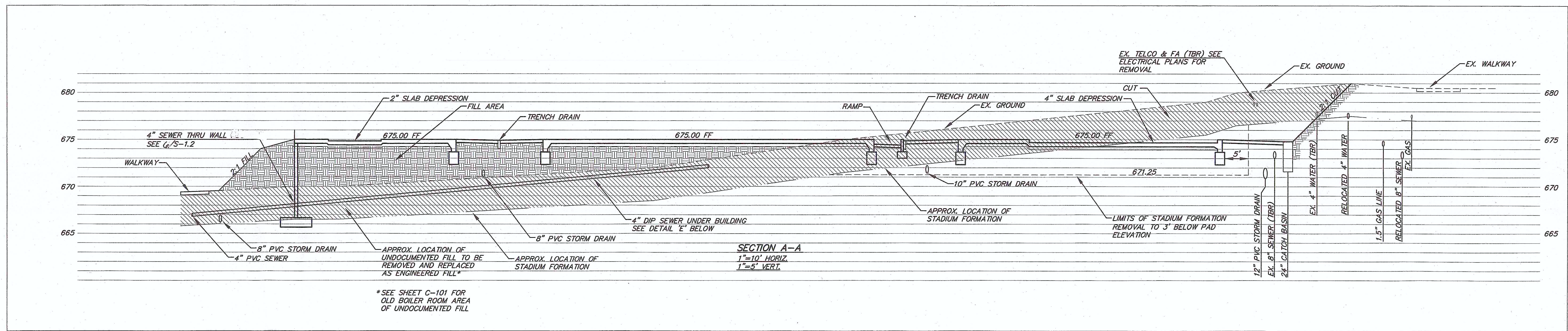
DATE  
09-25-18

JOB #  
13-0502.3

SHEET #  
C-104

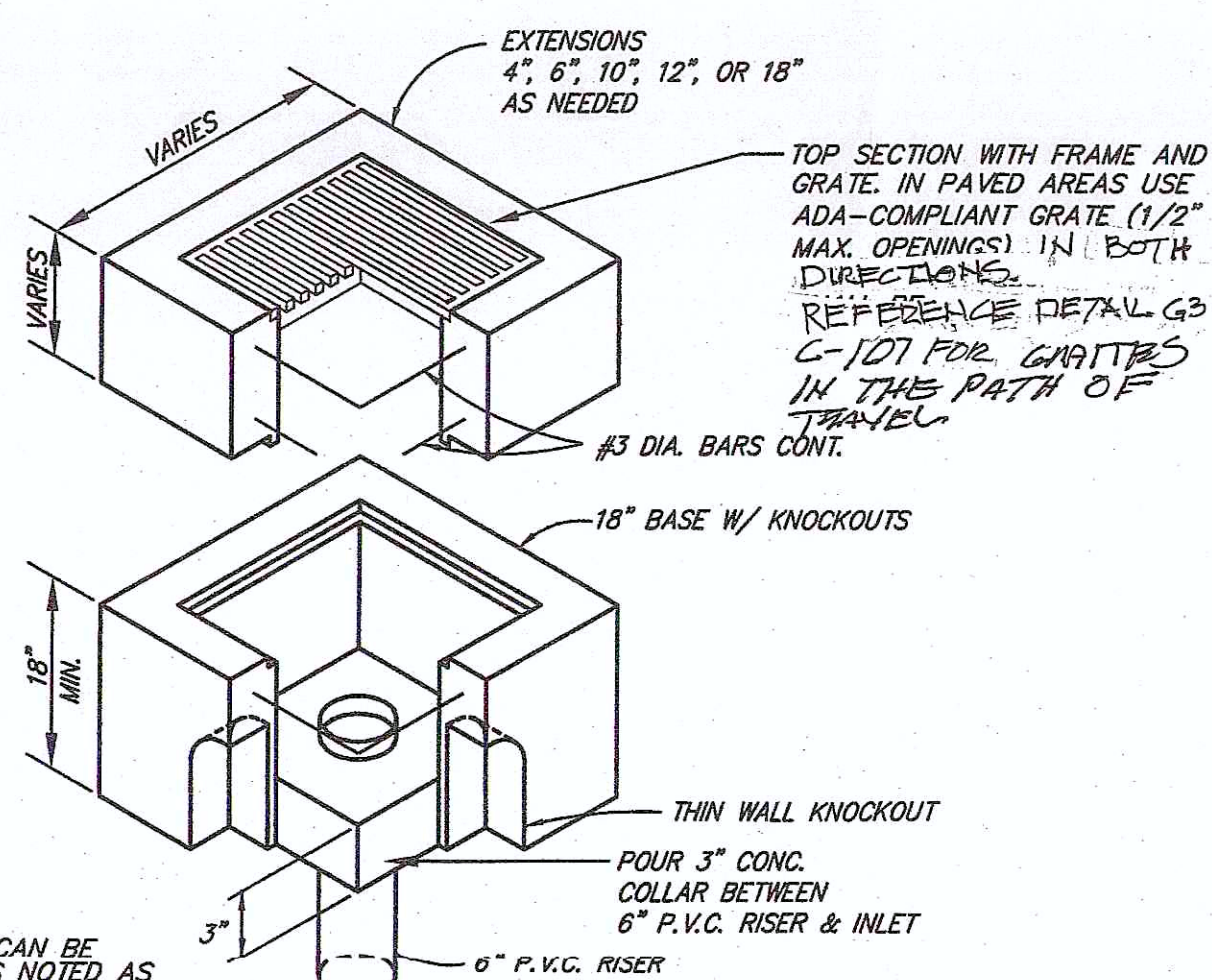
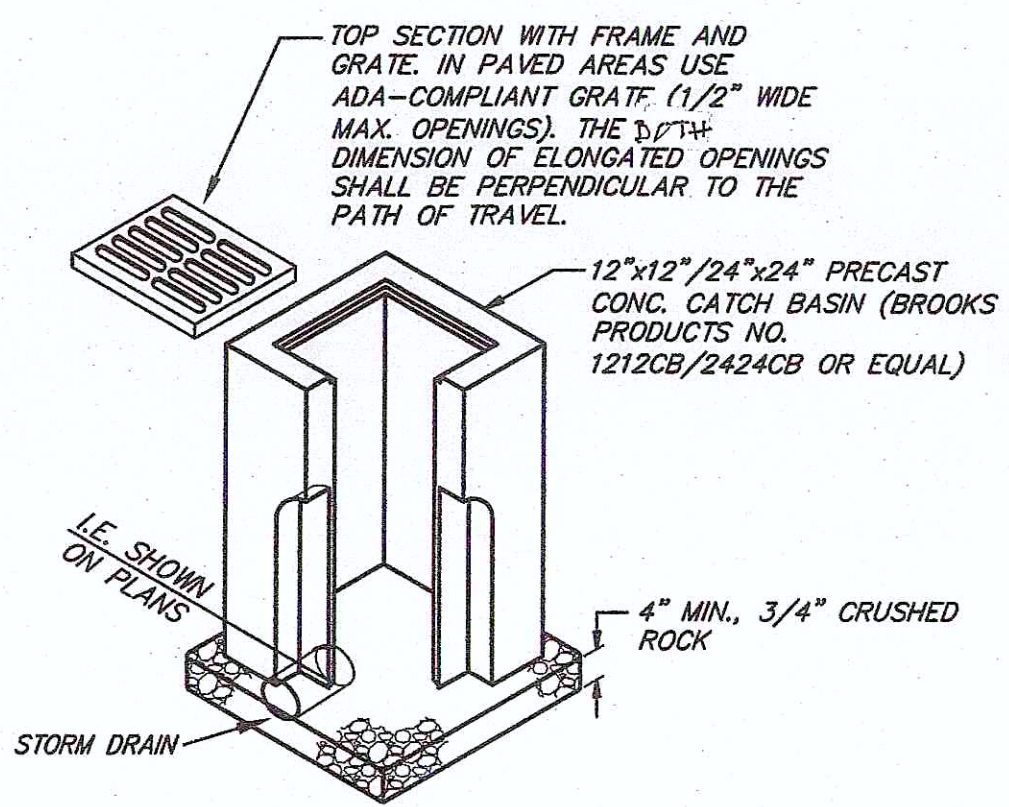
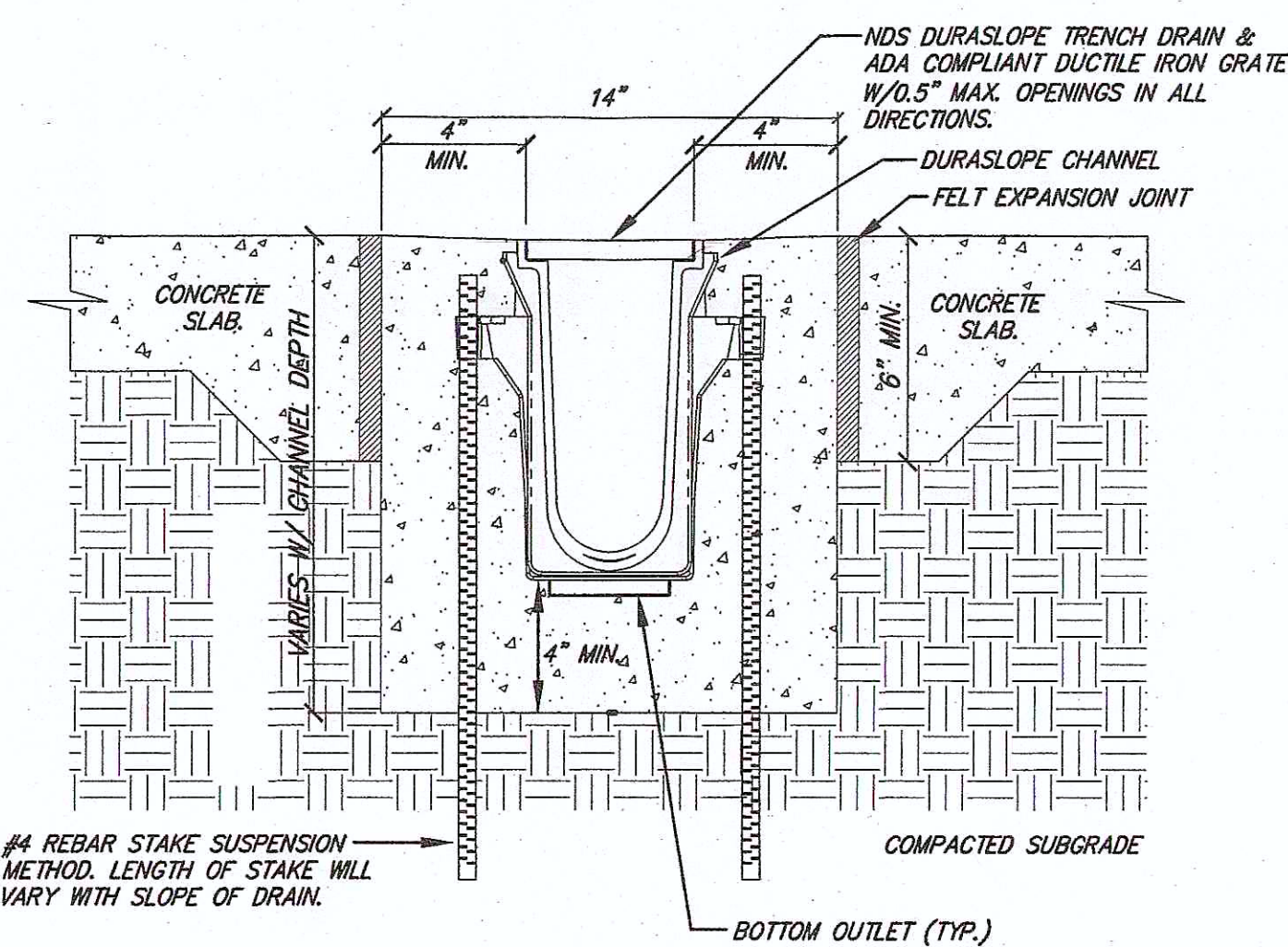
HMD WO 5157





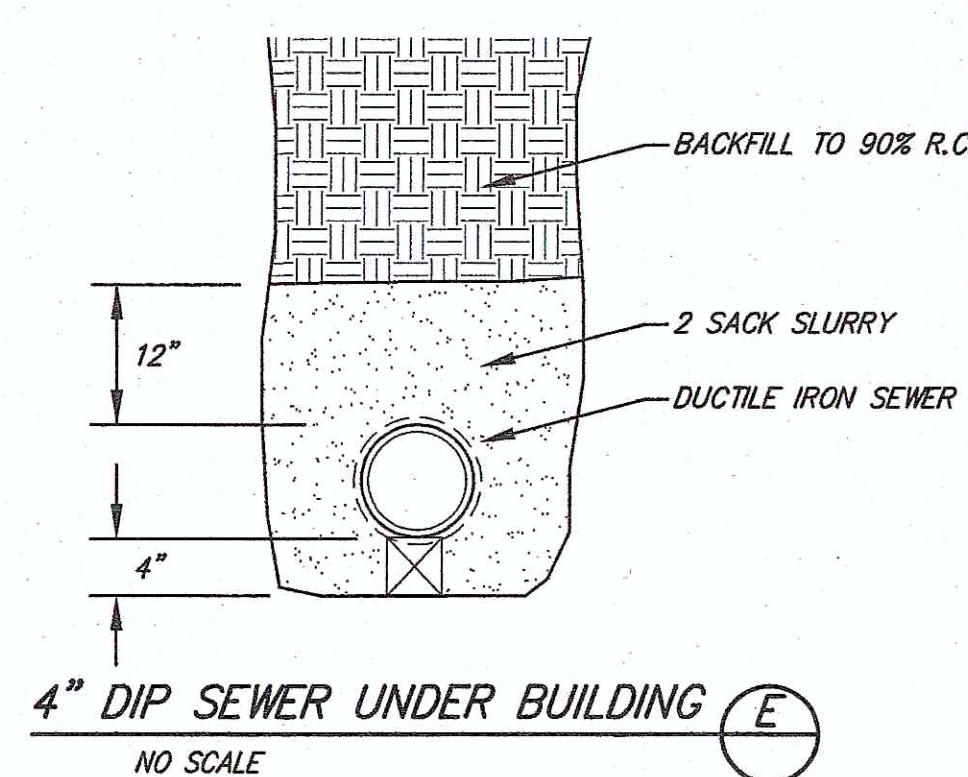
#### CONSTRUCTION NOTES

1. CURB OUTLETS (2). SAWCUT AND REMOVE EXISTING SIDEWALK PANELS TO THE NEAREST JOINTS AND INSTALL CURB OUTLETS PER REGIONAL STANDARD DRAWING D-25 (SEE SHEET C-106). REPAIR SIDEWALK IN KIND.
2. CONSTRUCT TYPE A-5 STORM DRAIN CLEANOUT STRUCTURE PER REGIONAL STANDARD DRAWING D-9 (SEE SHEET C-106).
3. SEE ARCHITECTURAL PLANS FOR SEAT WALL DETAILS.
4. SAWCUT AND REMOVE EXISTING CURB & GUTTER AND ASPHALT PAVEMENT FOR OUTLET CONSTRUCTION. REPLACE CURB AND GUTTER PER STANDARD DRAWING G-2 FOR FULL LENGTH OF OUTLETS.
5. SAWCUT AND REMOVE EXISTING SIDEWALK FROM THE RETURN AND EXTENDING TO THE NORTH.



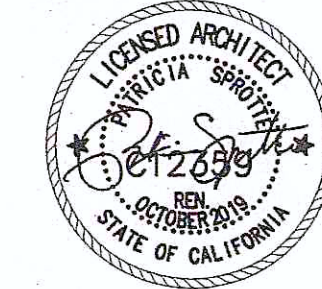
PRECAST CATCH BASINS CAN BE BOTTOM PLUMBED UNLESS NOTED AS JUNCTION STRUCTURE. WHEN SO NOTED CATCH BASIN STRUCTURE MUST EXTEND TO INVERT ELEVATION.

SEE ADD-3



CHERRY E  
2323 FROBEL DRIVE, ES  
PH (858) 231.4372 all

SPROTTE|WATSON  
ARCHITECTURE | PLANNING



EVENT CENTER  
PHASE 3  
GROSSMONT HIGH SCHOOL DISTRICT  
GROSSMONT UNION HIGH SCHOOL DISTRICT  
1100 MURRAY DRIVE  
EL CAJON, CA 92020

CONSULTANT

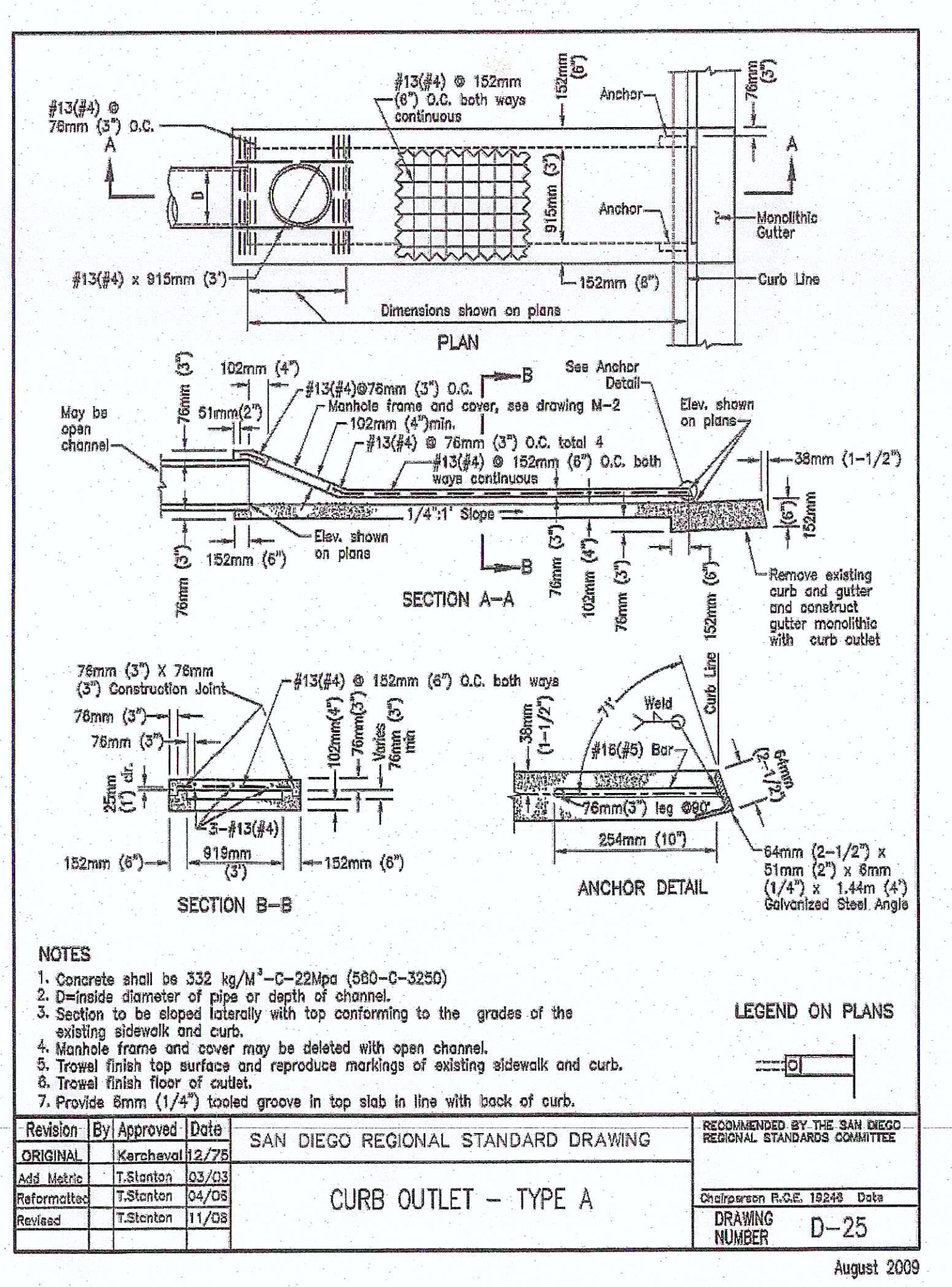
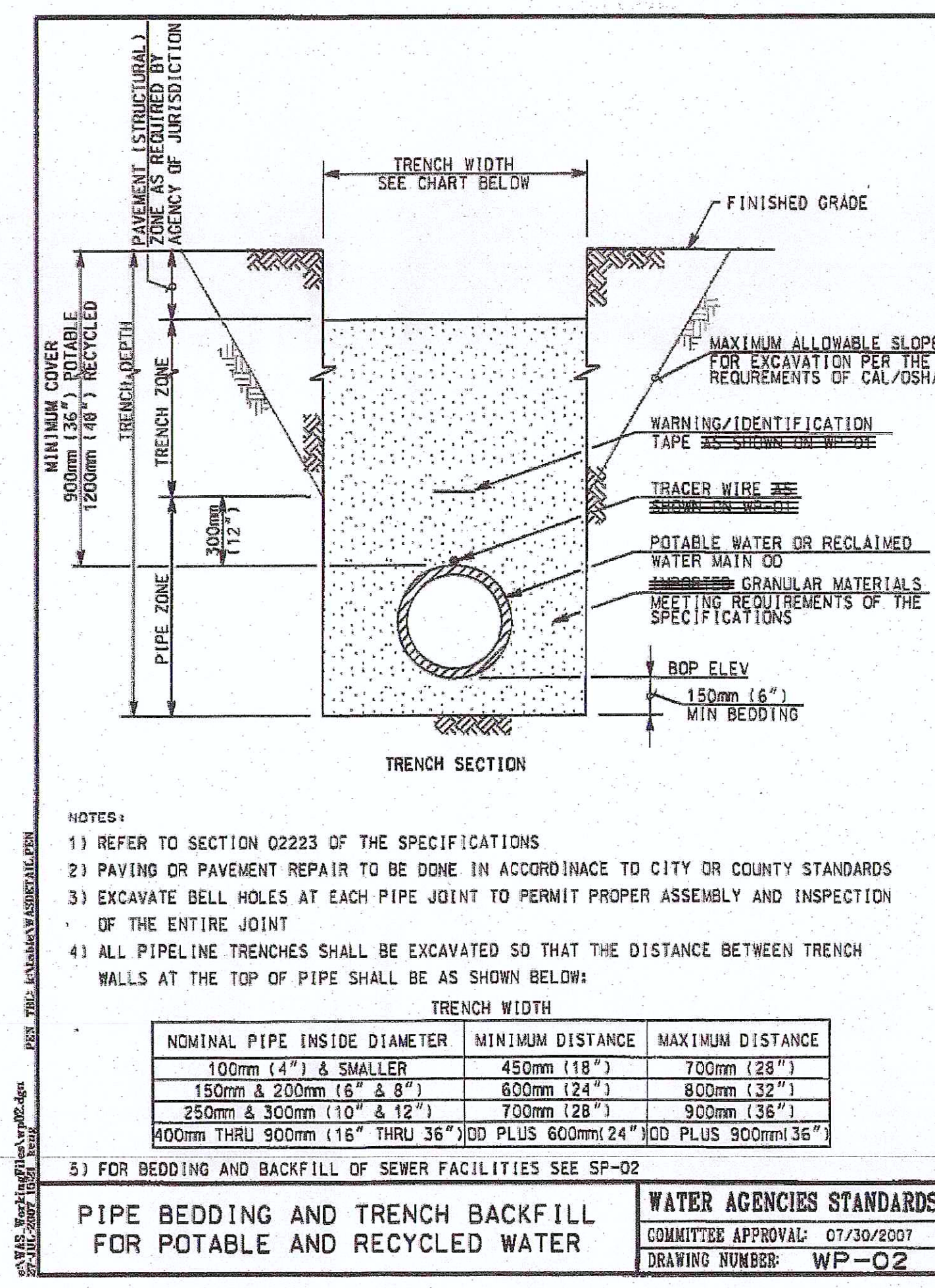
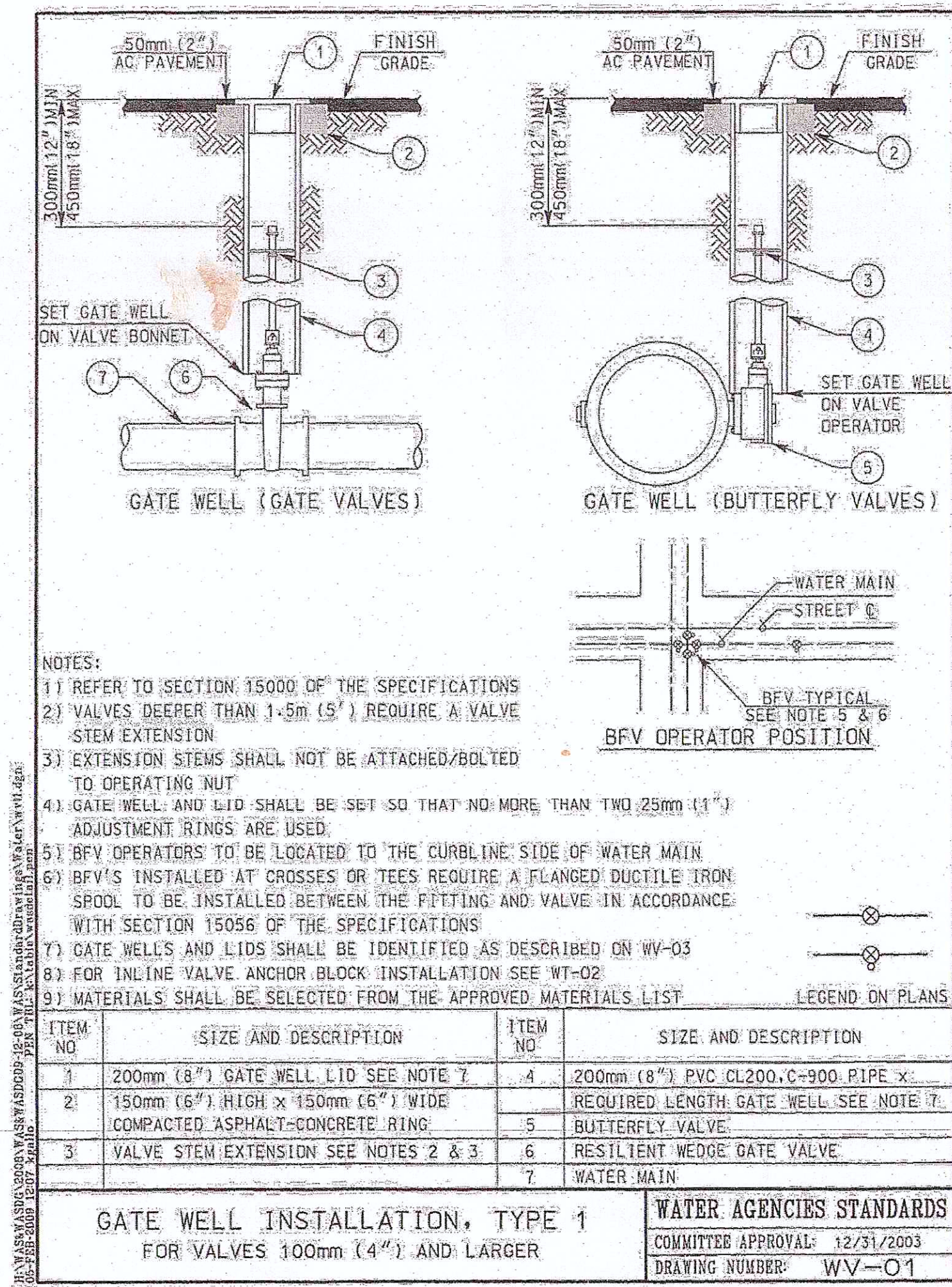
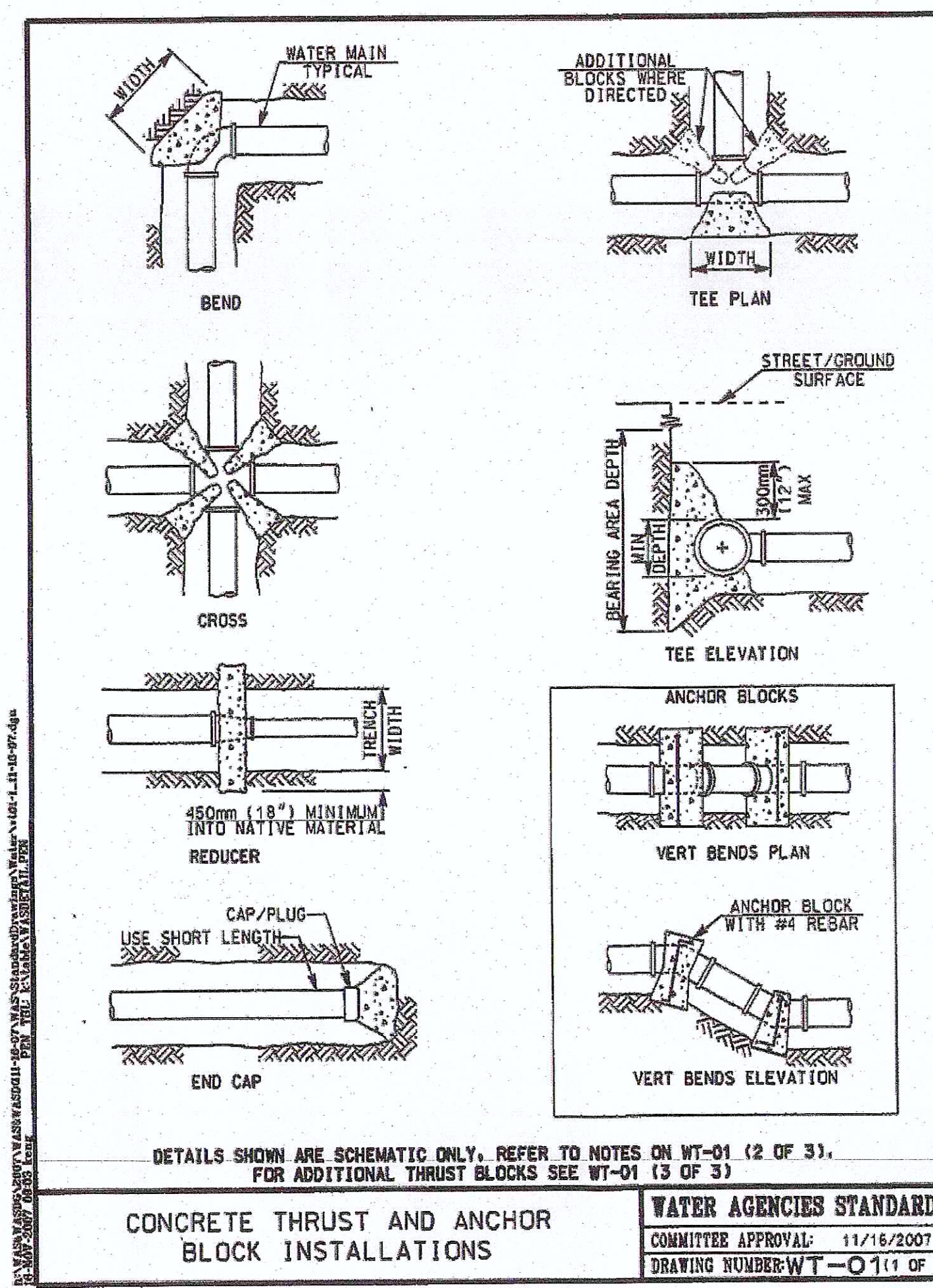
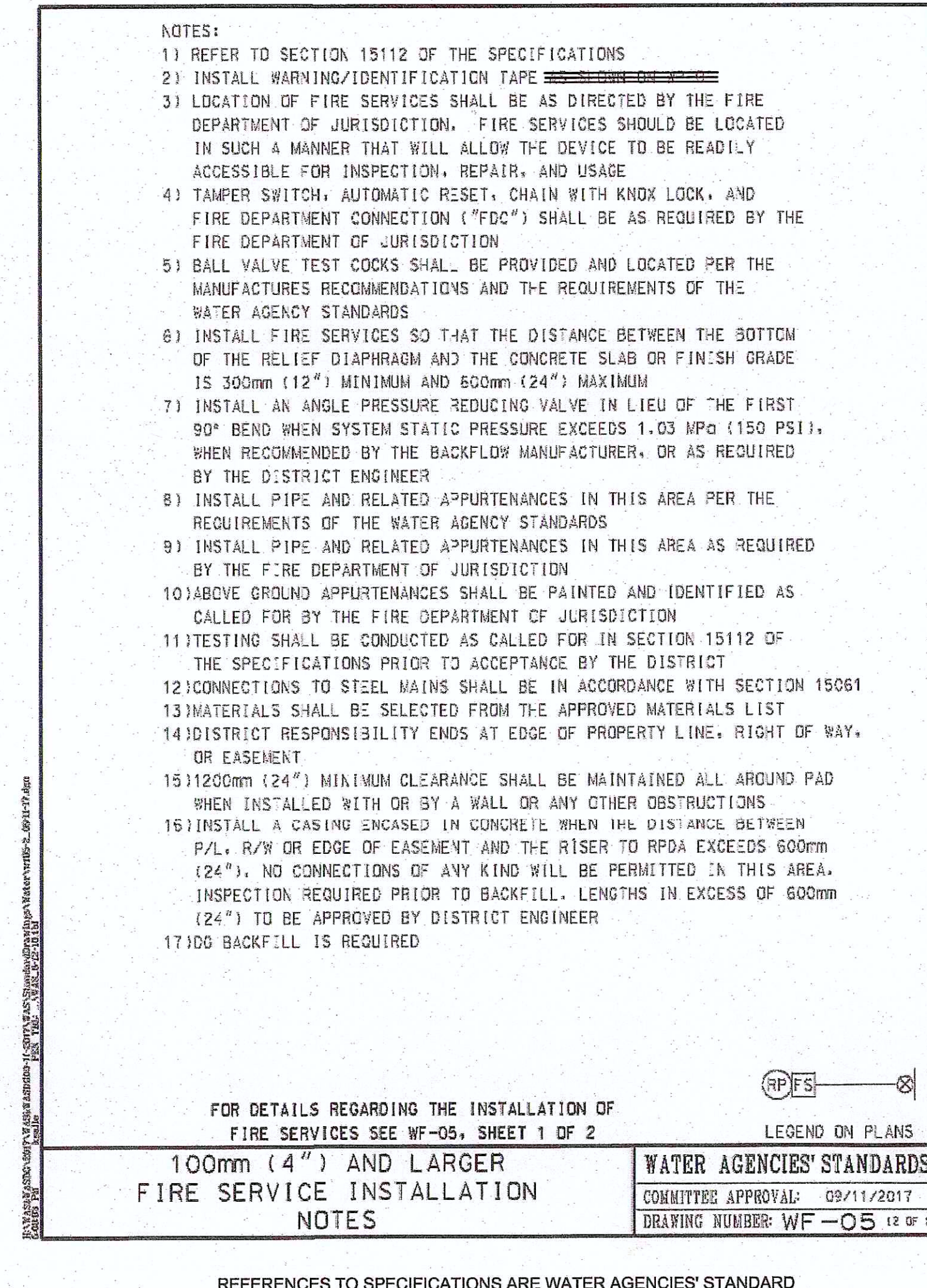
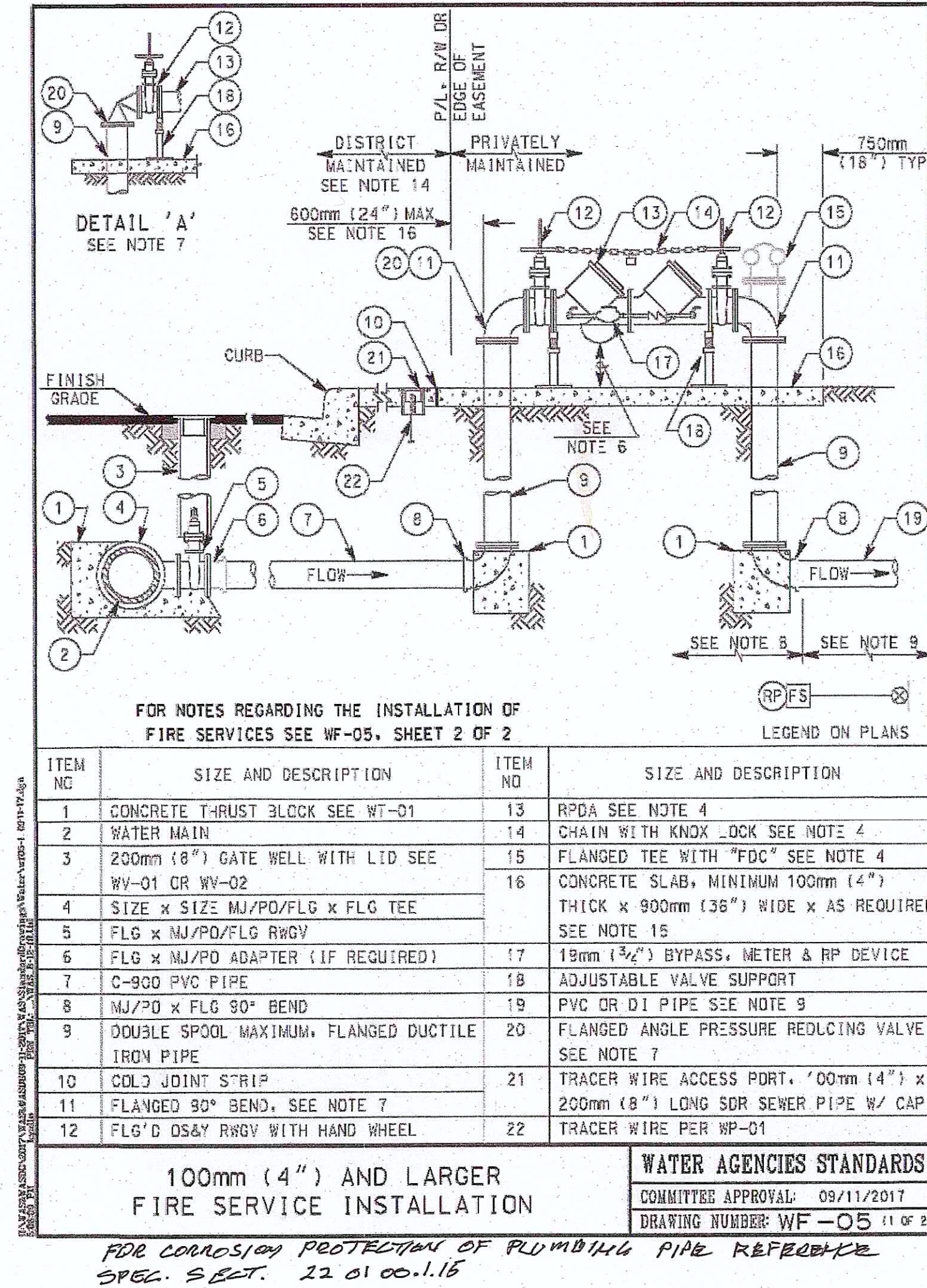
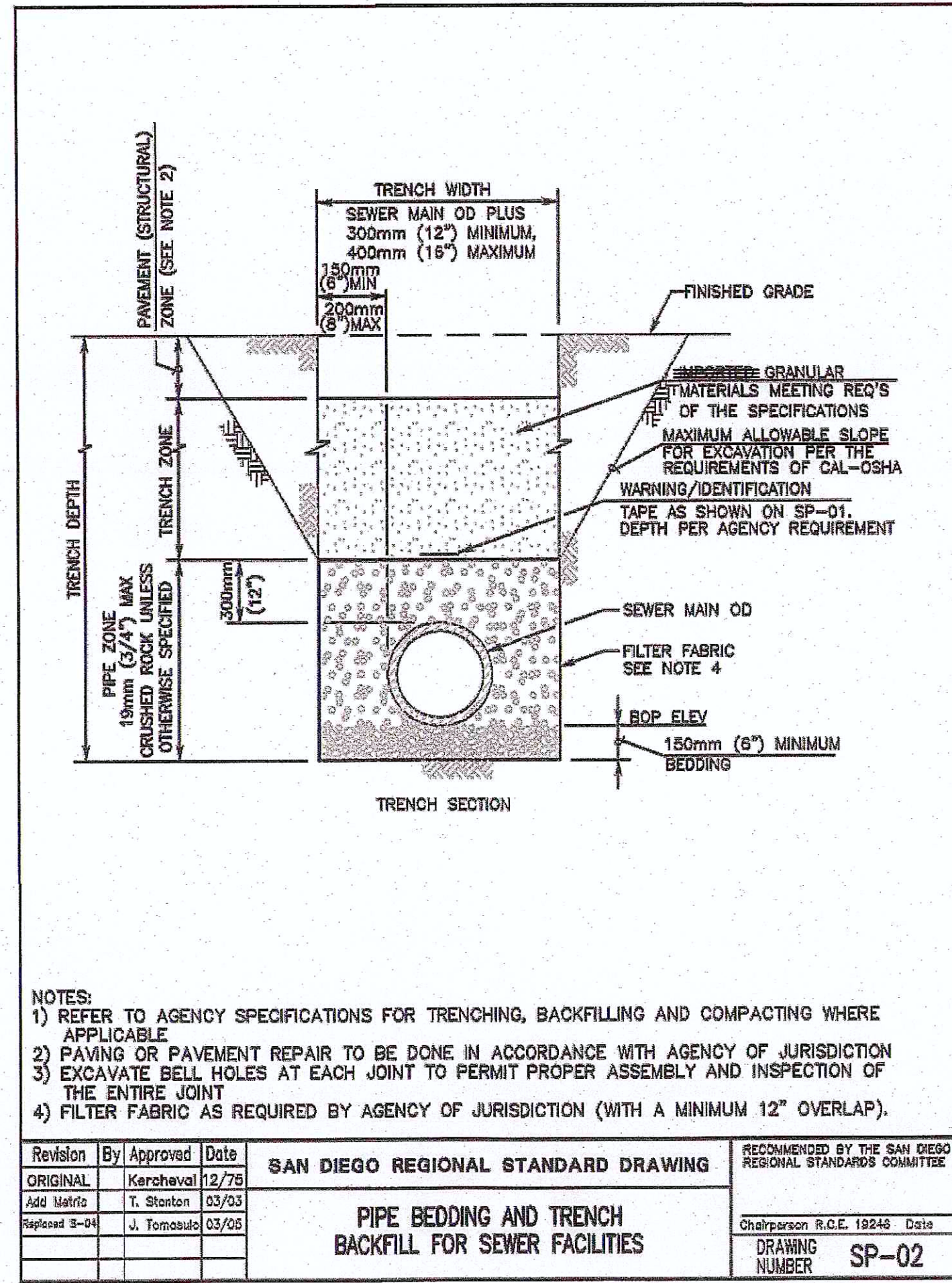
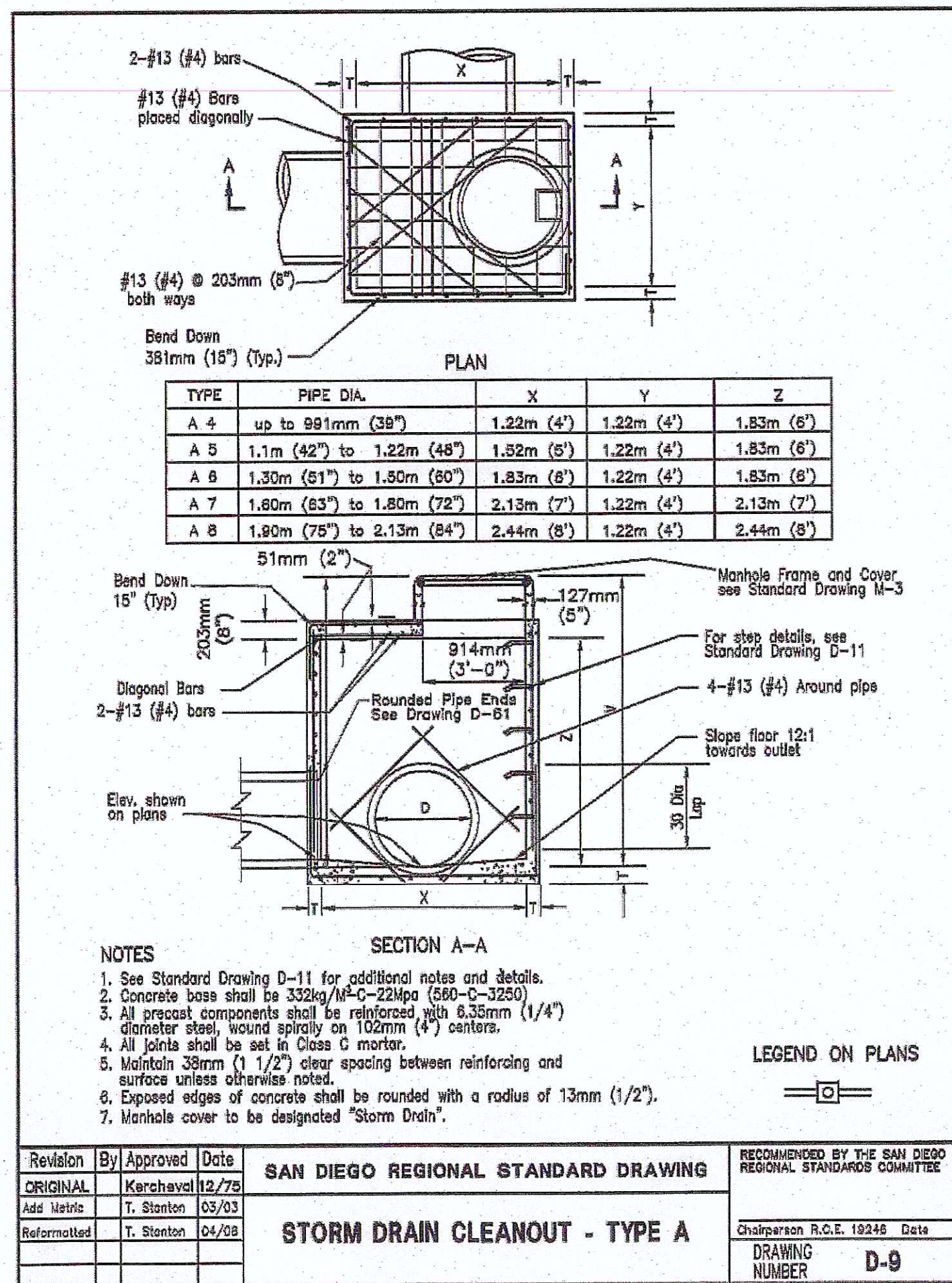


REVISIONS







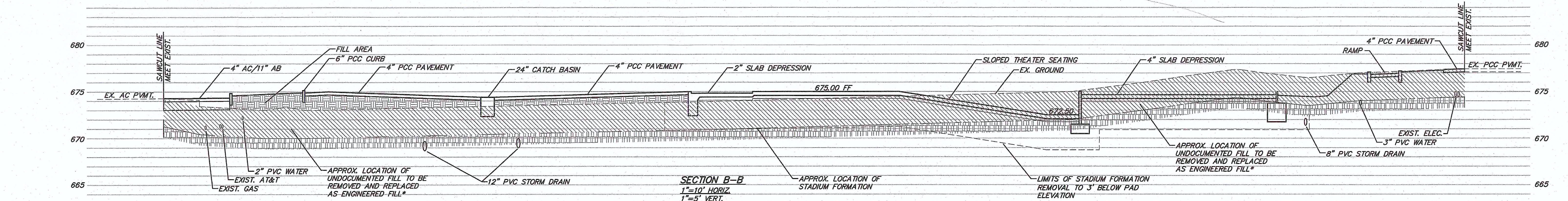
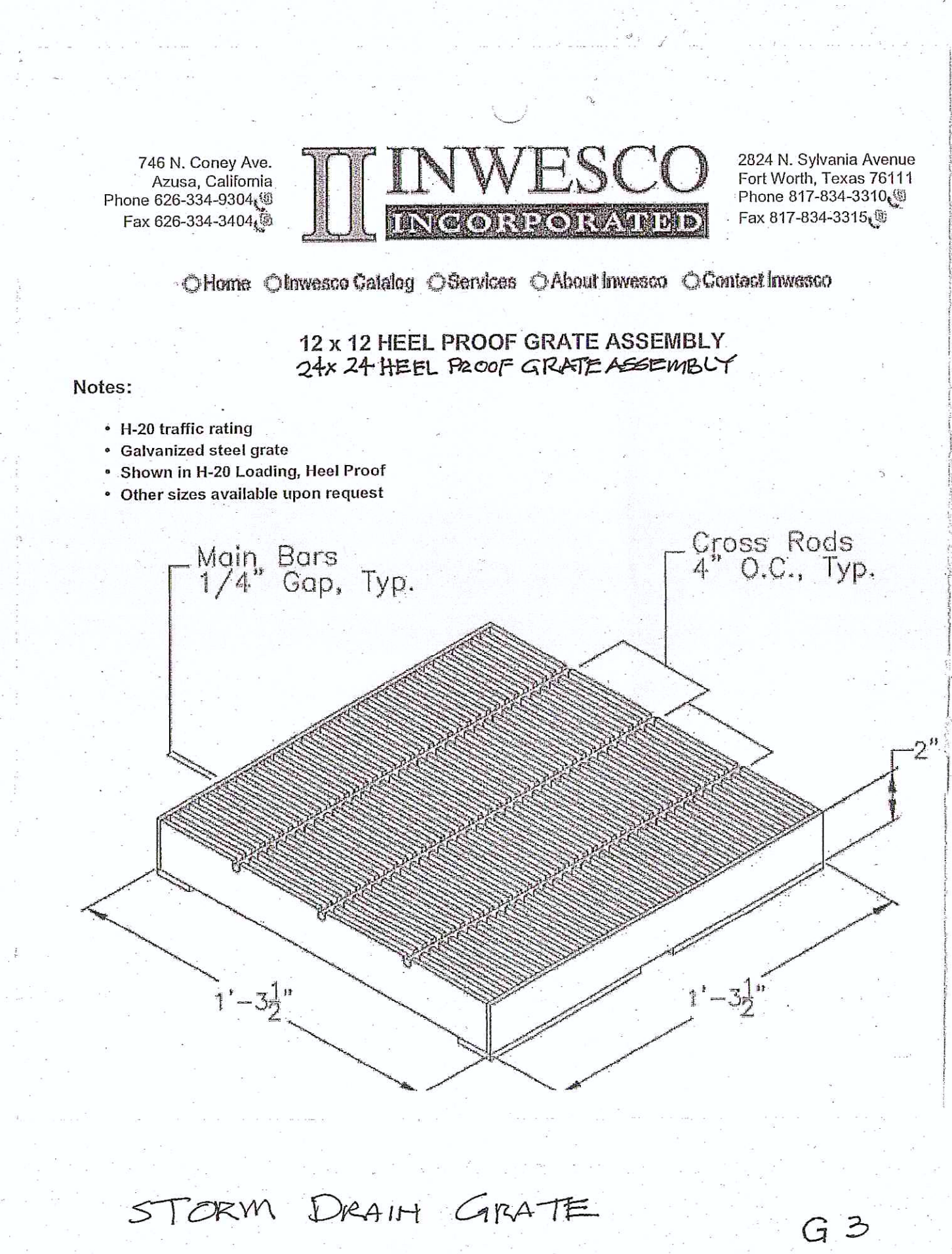
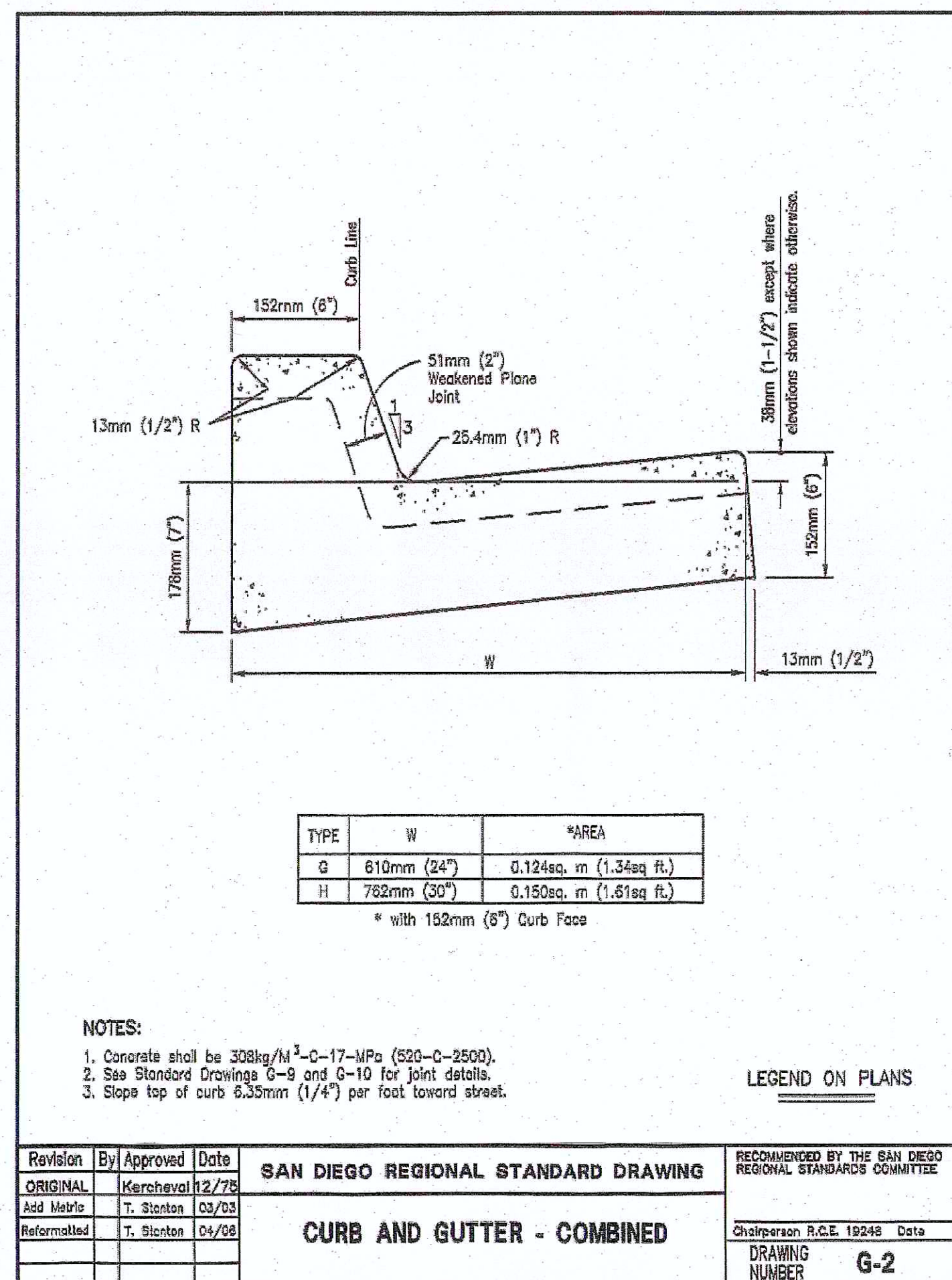
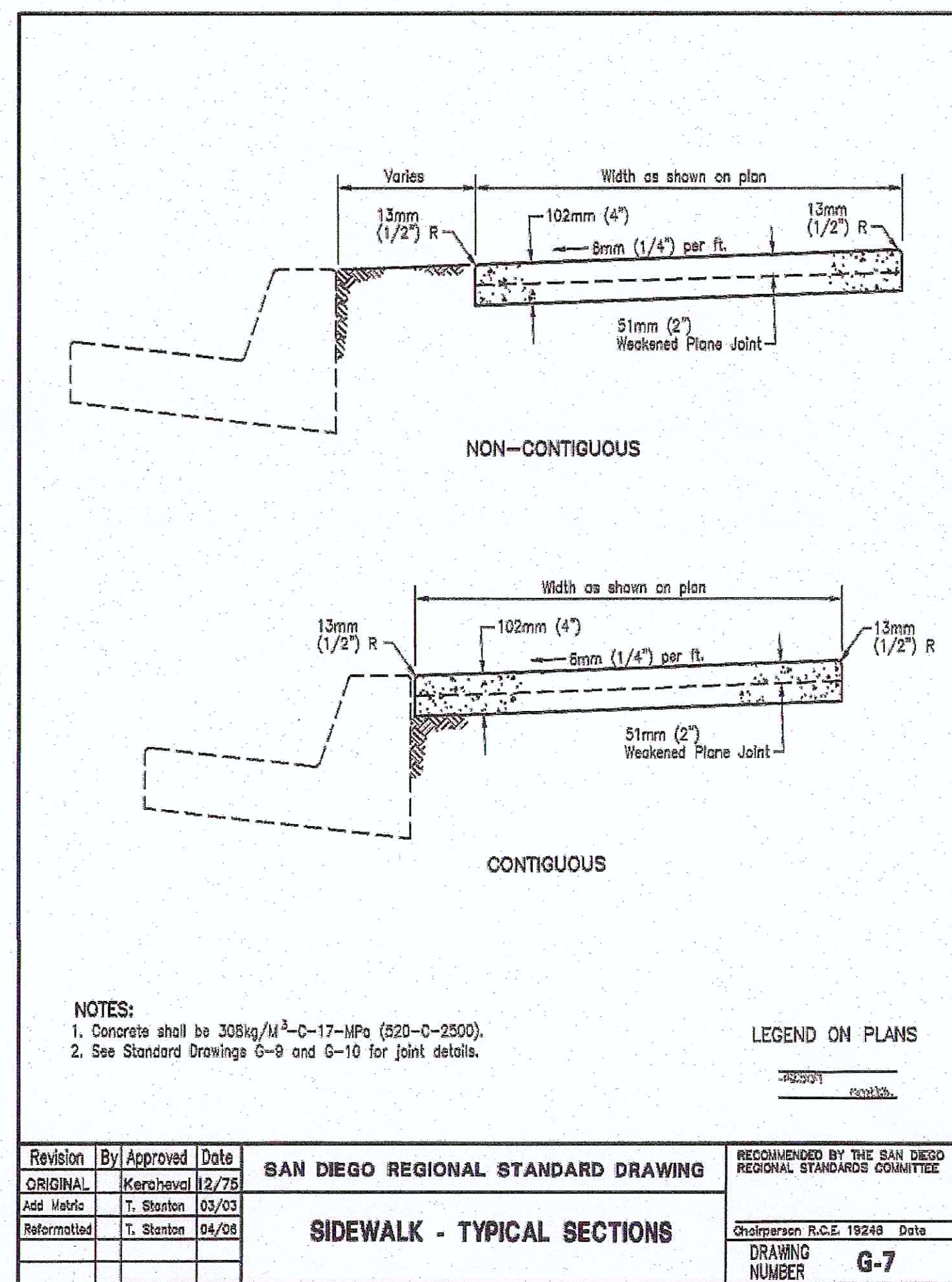
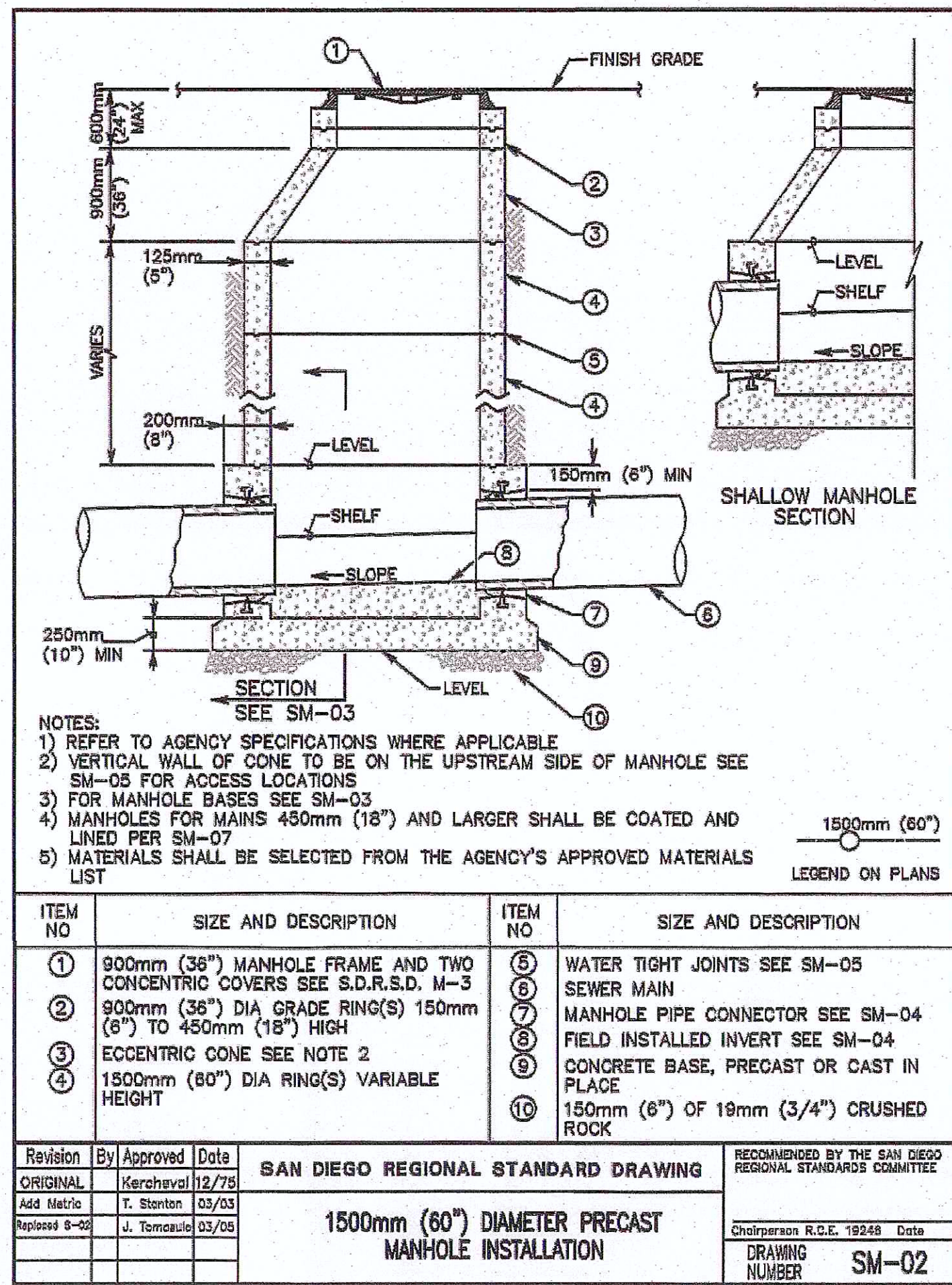
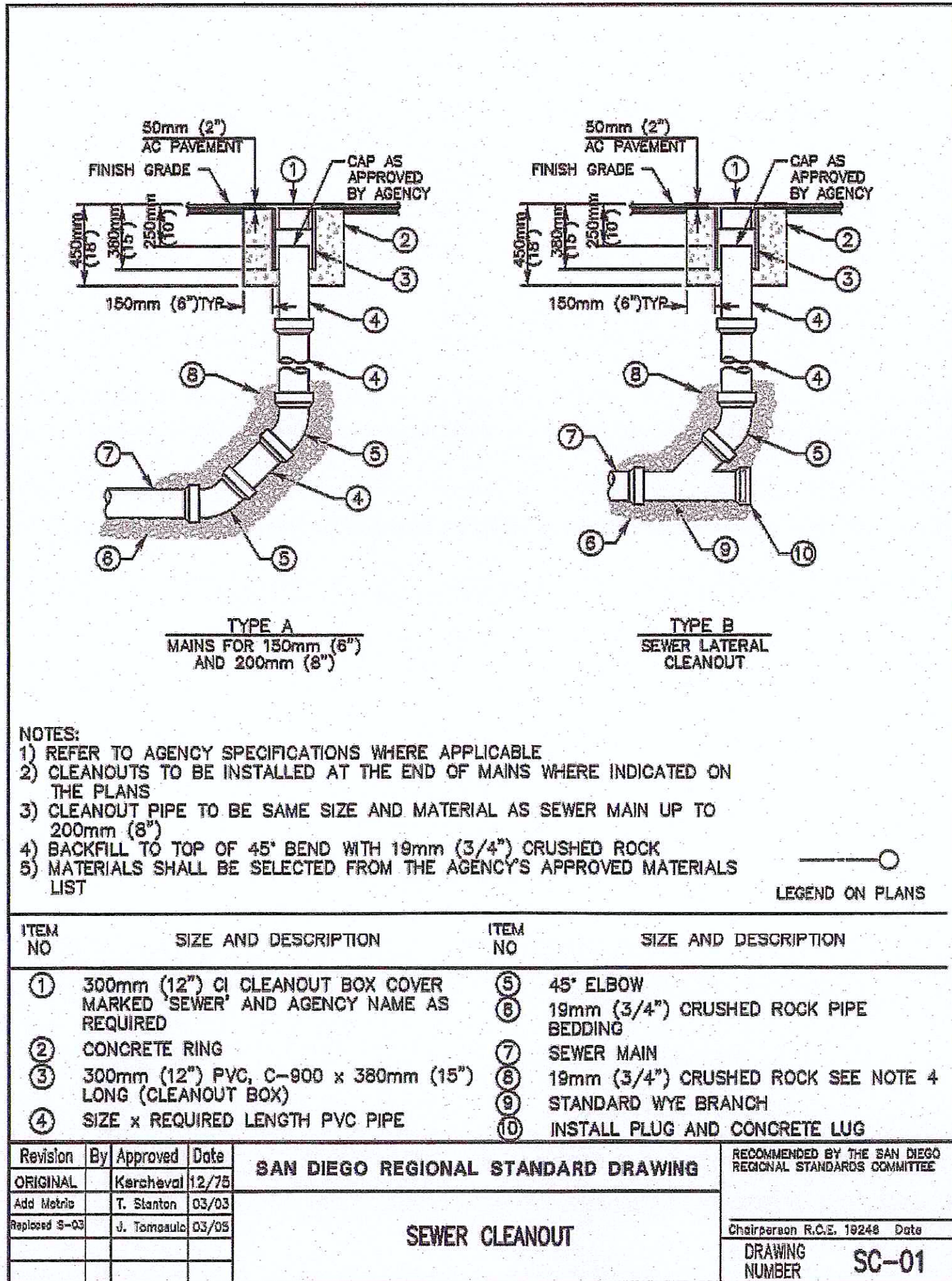
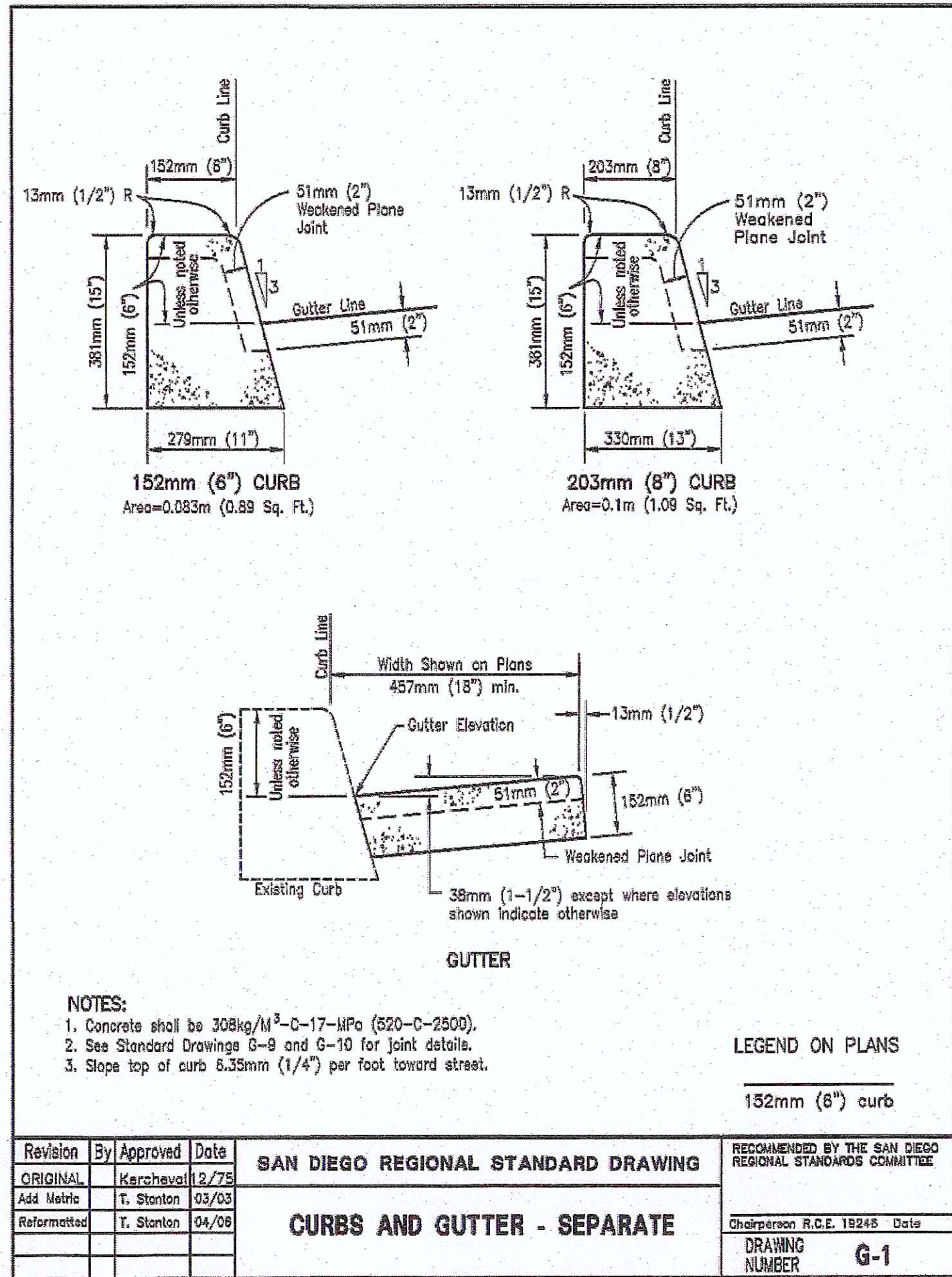


REFERENCES TO SPECIFICATIONS ARE WATER AGENCIES' STANDARD SPECIFICATIONS

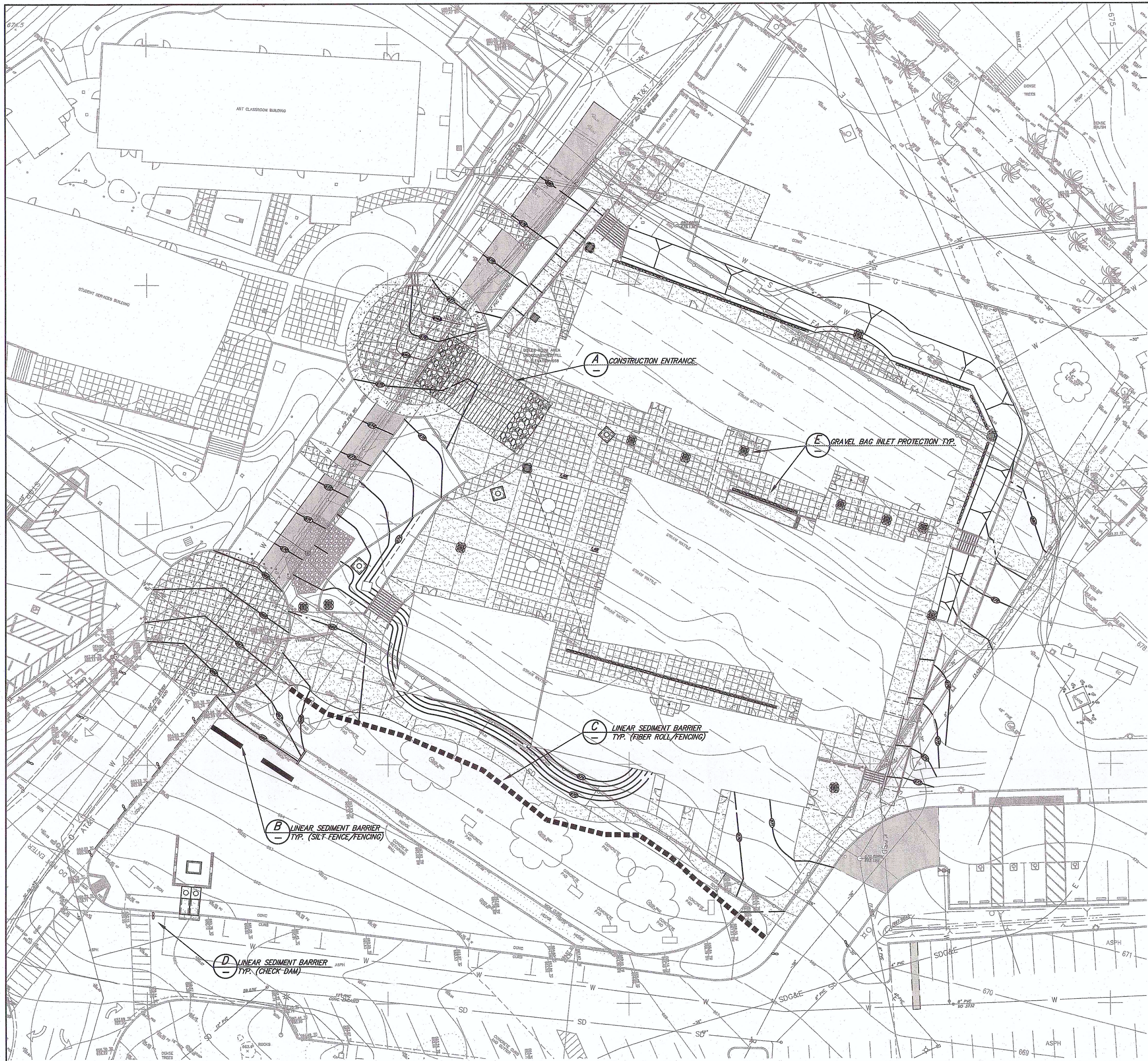
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August 2009

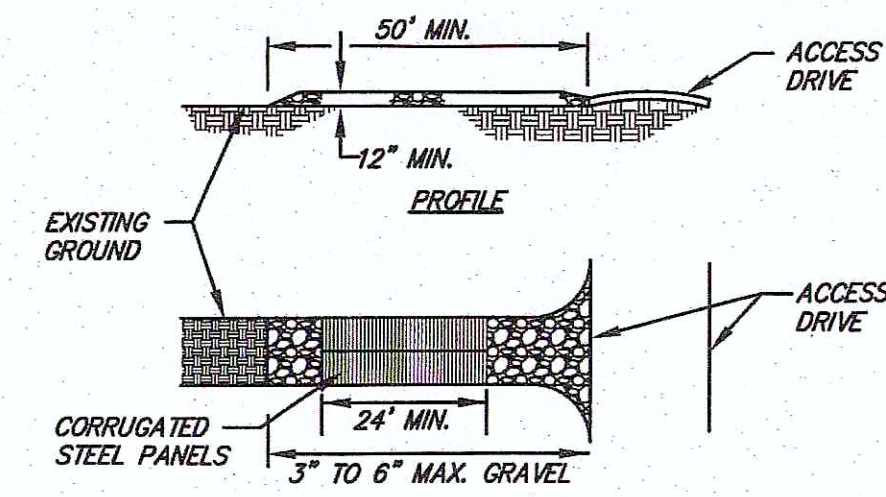




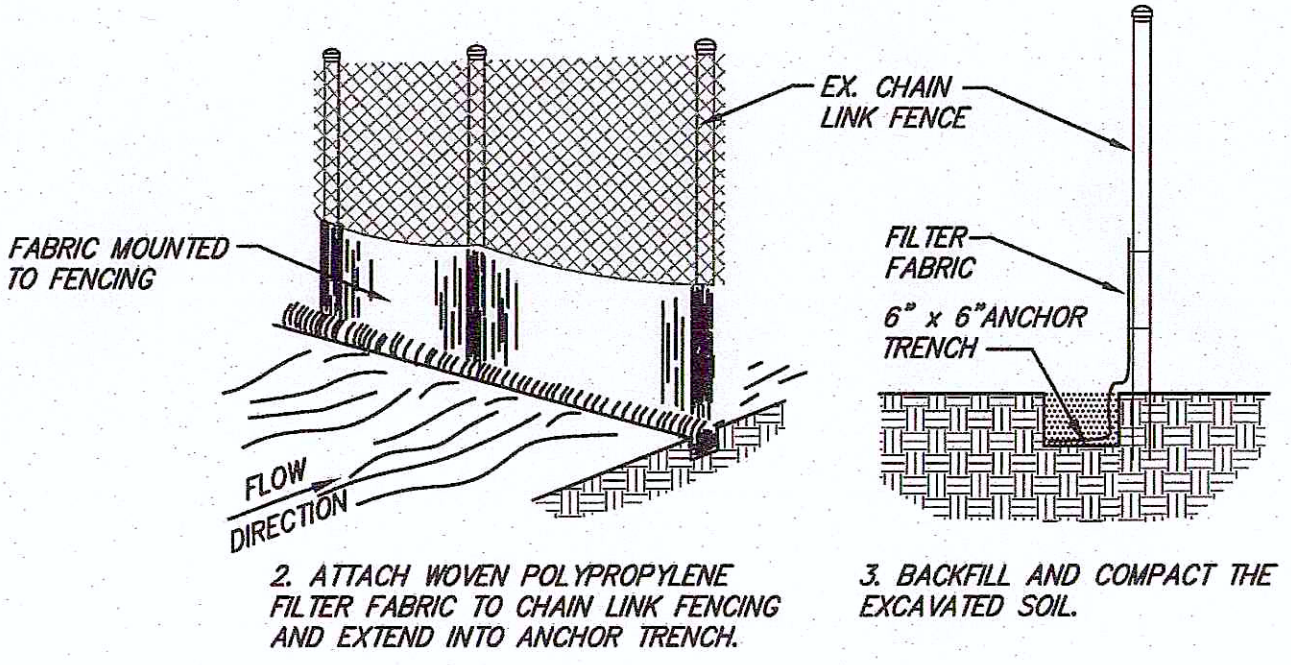




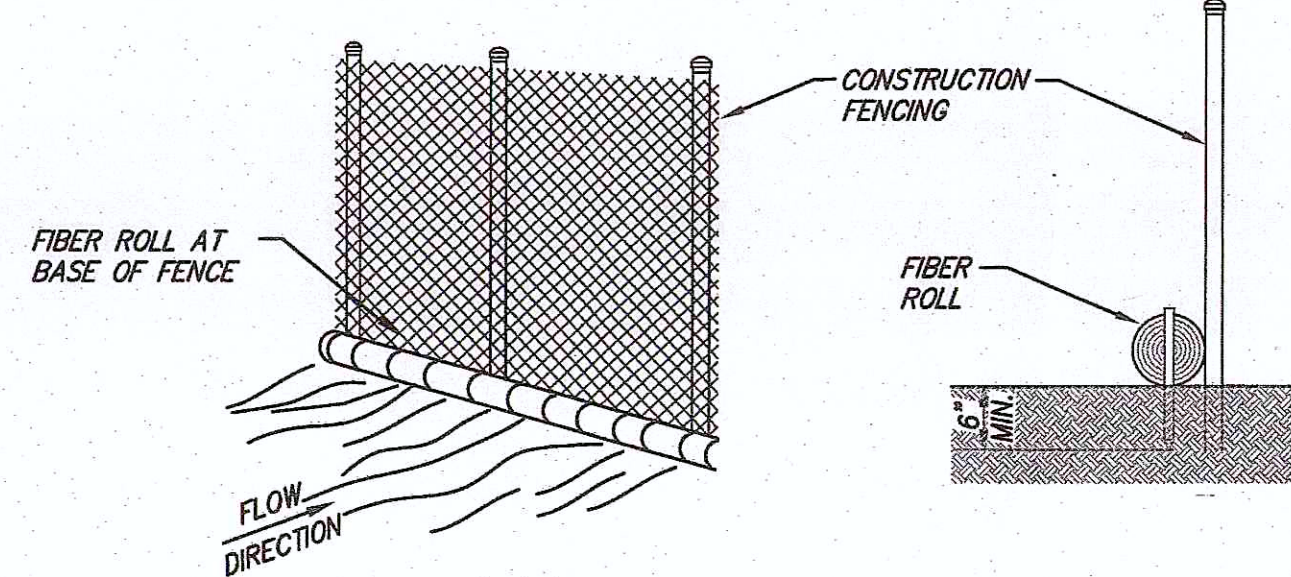
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STABILIZED CONSTRUCTION ENTRANCE	DET. 'A'	
CONSTRUCTION FENCING WITH SILT FENCE	DET. 'B'	
CONSTRUCTION FENCING WITH STRAW WATTLE	DET. 'C'	
GRAVEL BAG CHECK DAM	DET. 'D'	
GRAVEL BAG INLET PROTECTION	DET. 'E'	



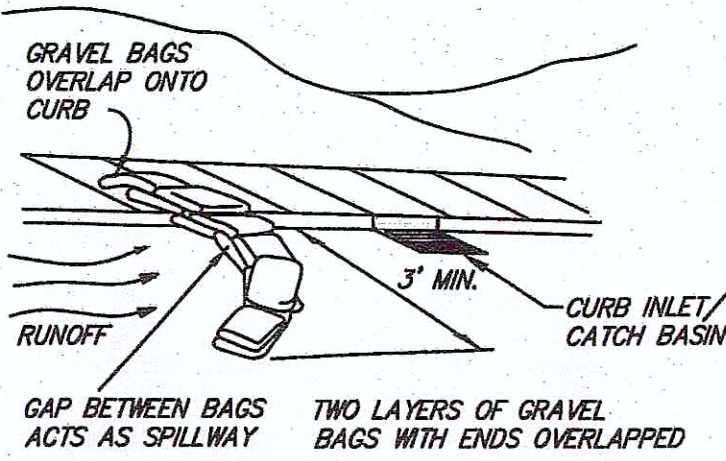
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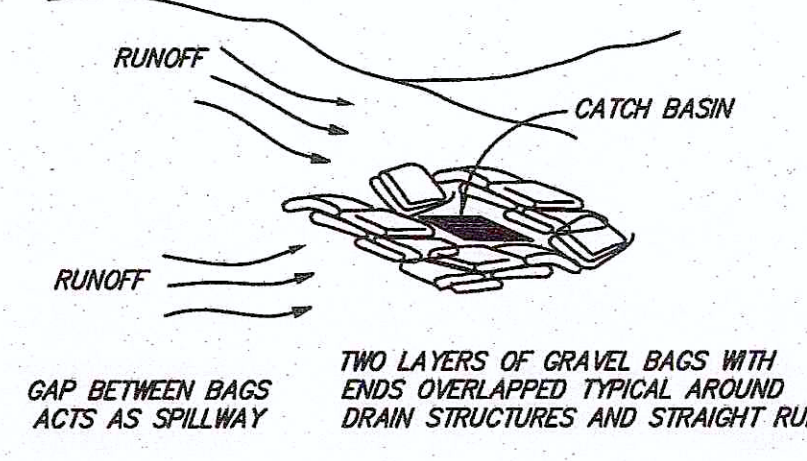
SILT FENCE LINEAR SEDIMENT BARRIER (CASQA SE-1) NOT TO SCALE



FIBER ROLL LINEAR SEDIMENT BARRIER (CASQA SE-5) NOT TO SCALE



GRAVEL BAG CHECK DAM (CASQA SE-6) NOT TO SCALE



GRAVEL BAG INLET PROTECTION (CASQA SE-10) NOT TO SCALE

**CHERRY ENGINEERING**  
2323 FROBEL DRIVE, ESCONDIDO, CA. 92025  
Ph (858) 231.4372 albert@cherryeng.com

GRAPHIC SCALE  
0' 10' 20' 40'  
SCALE 1"= 20'

**SPROTTE WATSON**  
ARCHITECTURE PLANNING



EVENT CENTER  
PHASE 3  
GROSSMONT HIGH SCHOOL DISTRICT  
GROSSMONT UNION HIGH SCHOOL DRIVE  
1100 MURRAY DRIVE  
EL CAJON, CA 92020

CONSULTANT



REVISIONS

APPROVALS

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
OFFICE OF REGULATION  
SERVICES  
04-117215  
A.C. FLS. S.S. 1/1  
DATE: OCT 01 2018

DESCRIPTION

EROSION  
CONTROL  
PLAN

DATE

09-25-18

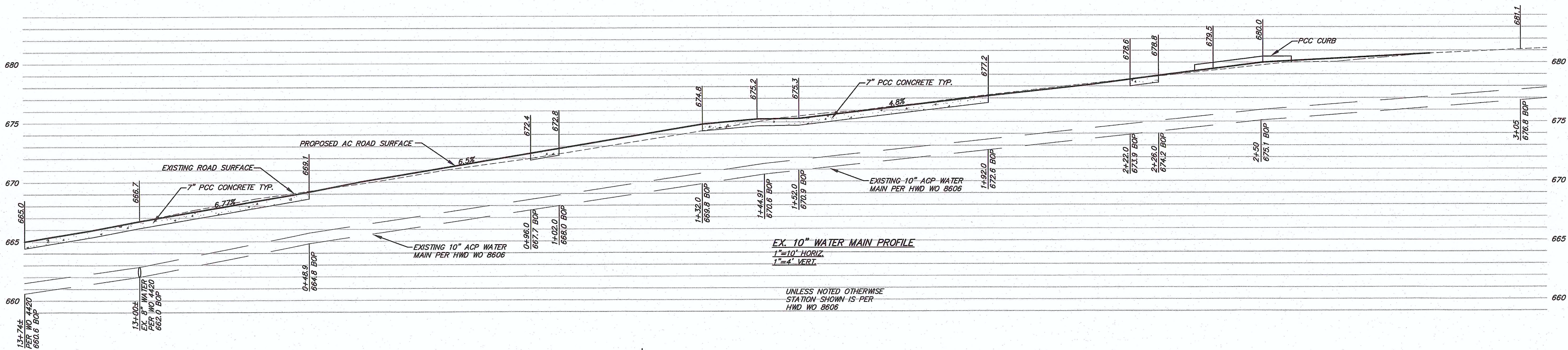
JOB #

13-0502.3

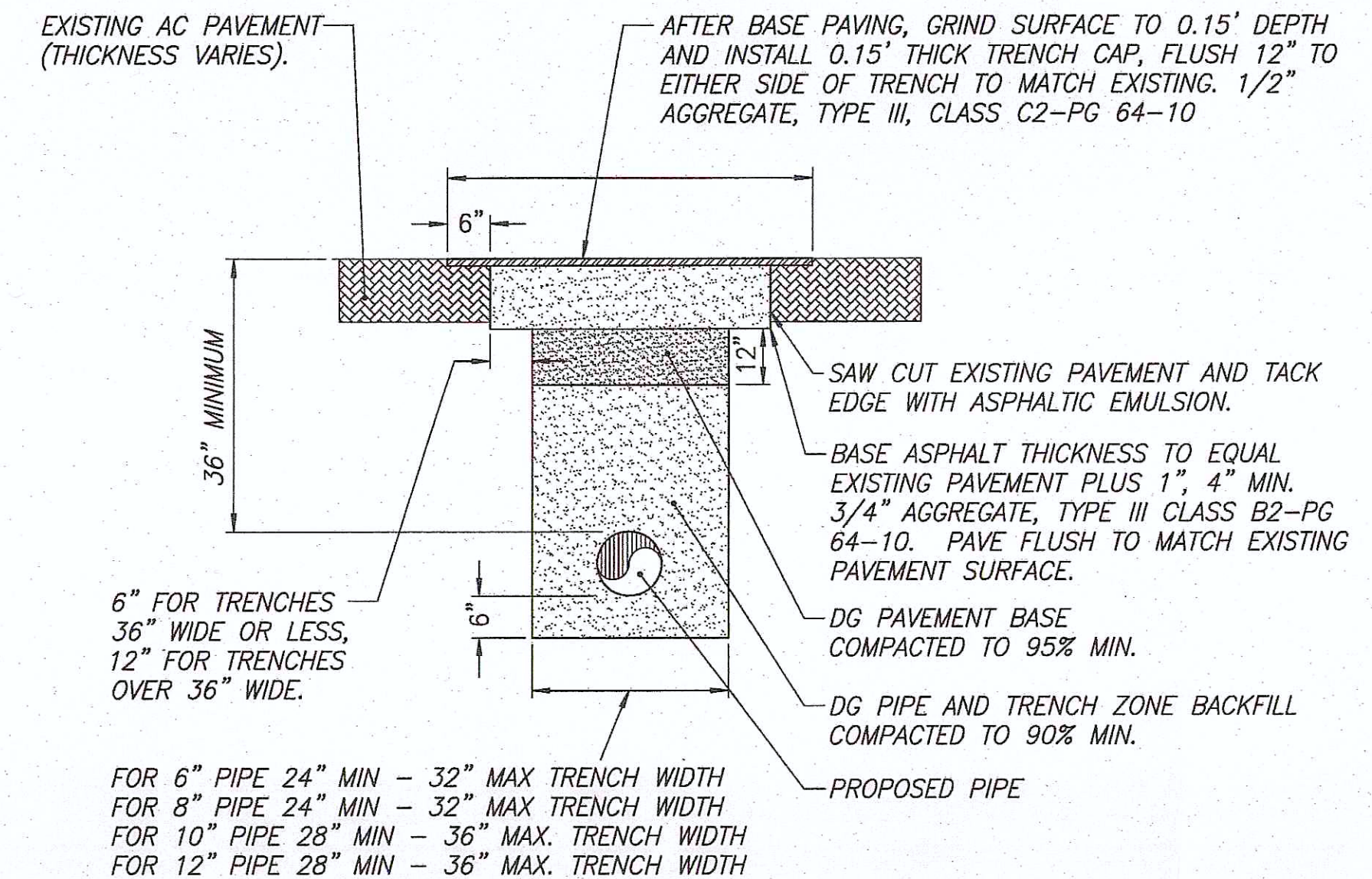
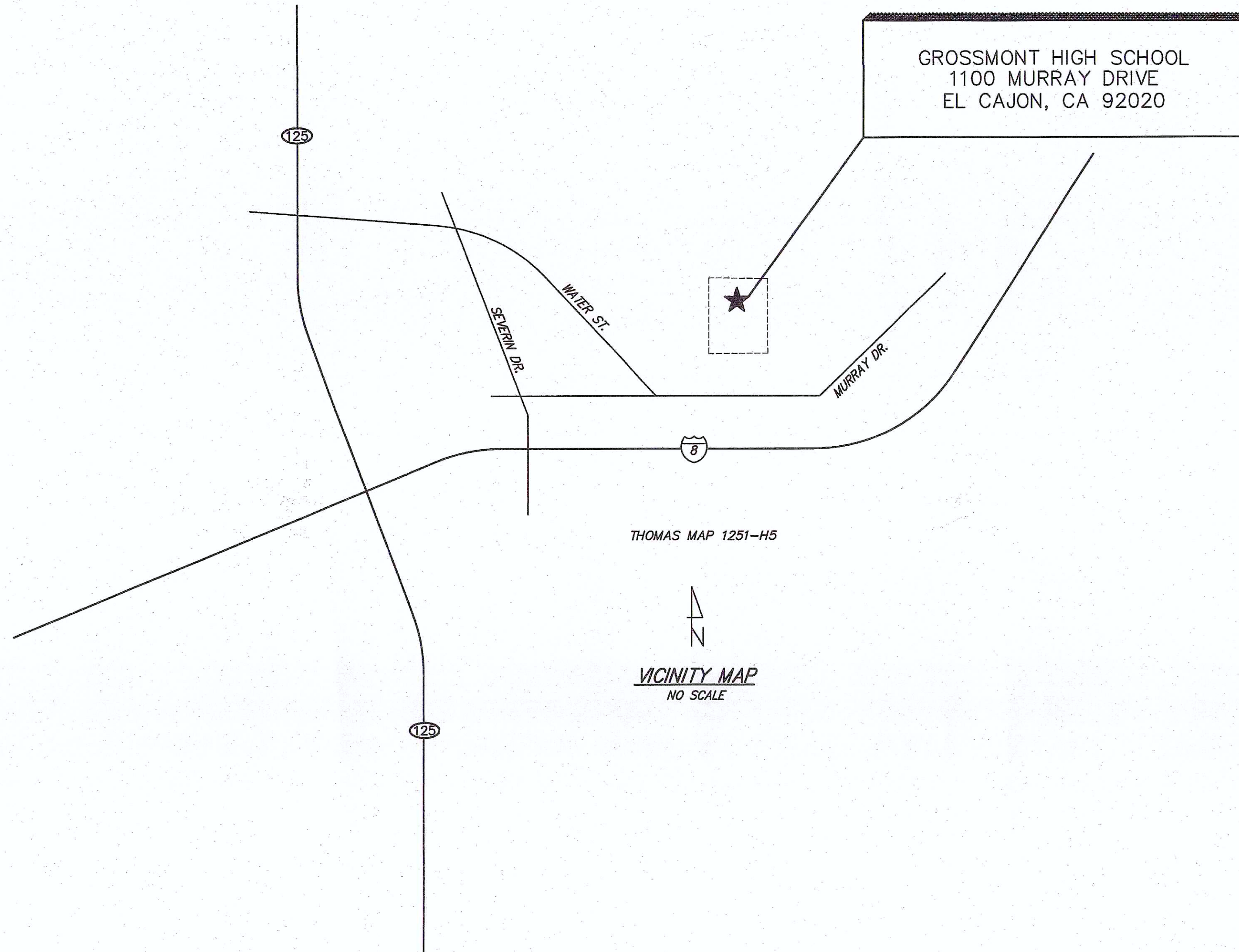
SHEET #

C-108





1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT HELIX WATER DISTRICT 48 HOURS PRIOR TO COMMENCING WORK AT (619) 596-3860 AND UNDERGROUND SERVICE ALERT FOR LOCATION OF EXISTING WATER FACILITIES AT 1-800-422-4133.
2. CONTRACTOR TO PROTECT ALL EXISTING HELIX WATER DISTRICT FACILITIES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO HELIX WATER DISTRICT FACILITIES AS A RESULT OF HIS/HER OPERATION, AND SHALL IMMEDIATELY CALL THE HELIX WATER DISTRICT WHO WILL REPAIR ANY DAMAGE AND WILL BILL THE DEVELOPER FOR THE COST INCURRED. CONTRACTOR TO PROVIDE CONTINUOUS WATER SERVICE TO ALL WATER ACCOUNTS SHOWN OR NOT SHOWN ON THESE PLANS DURING ALL PHASES OF CONSTRUCTION.
3. APPROVAL/REVIEW OF PLANS BY HELIX WATER DISTRICT DOES NOT CONSTITUTE RESPONSIBILITY FOR ACCURACY OF INFORMATION NOR LOCATIONS OF ANY EXISTING UTILITIES.
4. DEVELOPER SHALL BE RESPONSIBLE FOR THE COST OF RELOCATING ANY WATER LATERALS, FIRE HYDRANTS OR FACILITIES THAT FALL WITHIN DRIVEWAYS OR OTHERWISE CONFLICT WITH ANY PROPOSED FACILITIES OR IMPROVEMENTS.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATION OR ADJUSTMENT OF ANY NEW OR EXISTING WATER SERVICE APPURTENANCES, MANHOLES, GATE VALVE COVERS, OR METER BOXES TO NEW FINISH GRADE.
6. ALL UNDERGROUND UTILITIES AND LATERALS SHALL BE INSTALLED BEFORE CONSTRUCTION OF CURBS, CONCRETE CROSS GUTTERS, SIDEWALK OR SURFACING OF STREETS.
7. DEVELOPER AGREES THAT IF THEY, THEIR EMPLOYEES, AGENTS, OR ANY INDEPENDENT CONTRACTORS OR SUBCONTRACTORS SHOULD USE WATER OTHER THAN THROUGH AN AUTHORIZED WATER METER, DEVELOPER SHALL PAY A CHARGE, DETERMINED BY HELIX WATER DISTRICT, PER OCCURRENCE FOR SAID USE. SAID PAYMENT MAY BE DEDUCTED FROM ANY DEPOSIT DEVELOPER HAS WITH HELIX WATER DISTRICT.
8. NO PERSON, OTHER THAN AN EMPLOYEE OR AGENT OF THE HELIX WATER DISTRICT, SHALL HAVE A RIGHT TO OPERATE ANY PART OF A HELIX WATER DISTRICT WATER DISTRIBUTION SYSTEM AND FIRE HYDRANTS. ANY PERSON WHO TAMPERES OR INTERFERES WITH ANY PART OR COMPONENT OF SAID SYSTEM, OR CAUSES OR PERMITS ANY ACT OF TAMPERING OR INTERFERING WITH THE SYSTEM, SHALL BE LIABLE FOR ANY INJURY OR DAMAGE CAUSED THEREBY OR RESULTING THEREFROM. A CHARGE, DETERMINED BY HELIX WATER DISTRICT, PER OCCURRENCE WILL BE IMPOSED ON ANY PERSON OR COMPANY WHO OPERATES ANY PART OF THE HELIX WATER DISTRICT WATER SYSTEM WITHOUT PROPER AUTHORIZATION.
9. FOR WORK OVER EXISTING WATER FACILITIES, HEAVY EQUIPMENT (ABOVE H20 LOADING) SHALL NOT BE USED WHEN COVER OVER THE WATER MAIN IS LESS THAN THREE (3) FEET THROUGH ALL PHASES OF CONSTRUCTION, INCLUDING THE REMOVAL, OVEREXCAVATION AND/OR INSTALLATION OF PAVEMENT SECTIONS.
10. DEVELOPER/CONTRACTOR SHALL INSTALL ONLY HIGH EFFICIENCY APPLIANCES, USE ONLY HIGH EFFICIENCY TECHNOLOGIES AND LANDSCAPE USING LOW WATER USE PLANTS. DEVELOPER/CONTRACTOR SHALL COORDINATE THE INSTALLATION OF WATER EFFICIENT APPLIANCES, TECHNOLOGIES AND LANDSCAPING WITH HELIX WATER DISTRICT REPRESENTATIVE. PLEASE CONTACT MICHELLE CURTIS AT (619) 667-6261 FOR INSPECTION AND COORDINATION.
11. CONTRACTOR IS TO COORDINATE THE LOCATION OF ANY PROPOSED FIRE PROTECTION FACILITIES WITH THE FIRE DEPARTMENT OF JURISDICTION, PRIOR TO INSTALLATION OF THE FACILITIES.
12. COMMERCIAL AND MULTIPLE DWELLING PROPERTIES WITH MORE THAN 5,000 SQUARE FEET OF IRRIGATED LANDSCAPE MUST HAVE A SEPARATE WATER METER FOR LANDSCAPE PURPOSES.
13. ANY EXISTING WATER SERVICES SERVING THE PROPERTY THAT WILL NOT BE USED SHALL BE ABANDONED BY THE DISTRICT AT THE OWNER'S EXPENSE.
14. ANY FINISHED SURFACE IMPROVEMENT OTHER THAN ASPHALT ABOVE THE PIPELINE OR UNDERGROUND FACILITIES, WILL REQUIRE AN ENCROACHMENT REMOVAL AGREEMENT. PERMEABLE FINISHED SURFACE IMPROVEMENTS ARE PROHIBITED WITHIN HELIX WATER DISTRICT WATER MAIN EASEMENT.
15. TRENCH REPAIR IS TO BE BY HELIX WATER DISTRICT TRENCH DETAIL OR THE CITY OR COUNTY TRENCH REPAIR DETAIL, WHICHEVER IS MORE STRINGENT.
16. BACKFLOW PREVENTION WILL BE REQUIRED ON WATER METERS SERVING COMMERCIAL PROPERTIES, PROPERTIES WITH FIRE SPRINKLER SYSTEMS AND/OR ON LANDSCAPE IRRIGATION WATER METERS. CONTACT THE DISTRICT'S CROSS-CONNECTION CONTROL COORDINATOR AT 619 667-6224. SUBMIT CUT SHEETS OF THE PROPOSED BACKFLOW PREVENTION DEVICES FOR APPROVAL.
17. RESIDENTIAL DWELLINGS WITH FIRE PROTECTION SYSTEMS SHALL HAVE A TESTABLE BACKFLOW PREVENTION ASSEMBLY (BPA) OR A PASSIVE PURGE SYSTEM INSTALLED FOR SYSTEM PROTECTION. COORDINATE APPROVAL OF THE BPA WITH THE DISTRICT'S CROSS CONNECTION CONTROL COORDINATOR AT 619-667-6224. IF PASSIVE PURGE IS SELECTED FOR BACKFLOW PREVENTION, BUILDING PLANS SHOWING THE PASSIVE PURGE SYSTEM SHALL BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO IMPROVEMENT PLAN APPROVAL.
18. ALL WATER SERVICE LATERALS, FIRE SERVICE LATERALS, FIRE HYDRANT LATERALS, BLOW-OFF LATERALS AND WATER MAINS THAT CROSS ANY BIO-RETENTION SWALE, MUST BE WITHIN A HARDENED SURFACE (CONCRETE).
19. ROOF DRAINS OR DOWN SPOUTS FROM HOMES OR BUILDINGS ARE PROHIBITED FROM DISCHARGING WATER IN OR NEAR WATER METER BOXES.
20. HELIX WATER DISTRICT WILL INSTALL THE PROPOSED FIRE SERVICE APPROXIMATELY EIGHT (8) WEEKS AFTER RECEIPT OF ESTIMATED COST. CONTRACTOR TO INSTALL BACKFLOW PREVENTION DEVICE.
21. HELIX WATER DISTRICT WILL ABANDON THE EXISTING 2" WATER SERVICE APPROXIMATELY EIGHT (8) WEEKS AFTER RECEIPT OF ESTIMATED COST.
22. STOCKPILING OF SPOILS OR ANY MATERIALS IS NOT ALLOWED WITHIN THE HELIX WATER DISTRICT EASEMENT.



TRENCH REPAIR DETAIL  
NO SCALE

## WORK TO BE DONE BY HWD

DESCRIPTION	SYMBOL	DWG. NO.	QTY.
6" FIRE SERVICE BY HWD CONTRACTOR TO INSTALL BACKFLOW PREVENTION DEVICE		WAS WF-05	1 EA
2" WATER SERVICE ABANDONMENT BY HWD		WAS WS-DR	1 EA

\*SEE SHEET C-104 FOR HWD WORK\*

**OWNER/PERMITTEE**  
GROSSMONT UNION HIGH SCHOOL DISTRICT  
1100 MURRAY DRIVE, EL CAJON, CA. 92020  
CONTACT: CHRIS RIZZUTI, PH: (619) 778-3822  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

**BENCHMARK**  
CP-52 2" BRASS DISK IN SIDEWALK PER ROS 16575, ELEV. 659.25 (NGVD29)

**LEGAL DESCRIPTION**  
LOT 1 MURRAY HILL MAP 1342

**ASSESSOR PARCEL NUMBER**  
487-750-10

## ENGINEER OF WORK

I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS & PROFESSIONS CODE, AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATIONS BY HELIX WATER DISTRICT IS CONFINED TO A REVIEW FOR PROJECT DESIGN.

ALBERT L. CHERRY (PCE 37980) 09-10-18  
REG EXP 3/31/19 DATE

## HELIX WATER DISTRICT

W.O. 5157 PLAT # J-3-16-A  
PROJECT RMB18001 J-3-16-0

ACCEPTED BY: JAMES A. TOMASULO DATE  
EXPIRES ONE YEAR AFTER SIGNATURE DATE

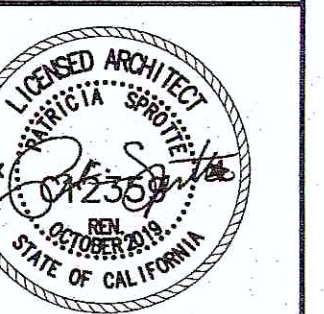


DIAL TOLL FREE  
811  
AT LEAST TWO DAYS  
BEFORE YOU DIG

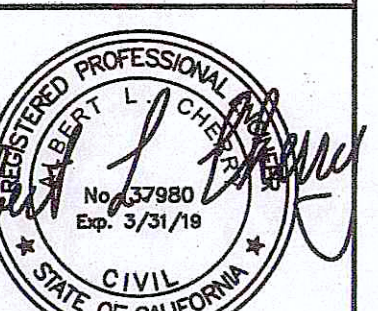
UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

**CHERRY ENGINEERING**  
2323 FROBEL DRIVE, ESCONDIDO, CA. 92025  
Ph (858) 231.4372 albert@cherryeng.com

**GRAPHIC SCALE**  
0' 2.5' 5' 10'  
SCALE 1"= 5'  
**GRAPHIC SCALE**  
0' 5' 10' 20'  
SCALE 1"= 10'



## CONSULTANT



## REVISIONS

## APPROVALS

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
OFFICE OF REGULATION  
SERVICES

04-117215

A.C. FLS. S.S.

DATE: OCT 01 2018

## DESCRIPTION

**HWD PLAN**

## DATE

09-26-18

## JOB #

13-0502.3

## SHEET #

C-109



**INTENTIONALLY  
LEFT BLANK**