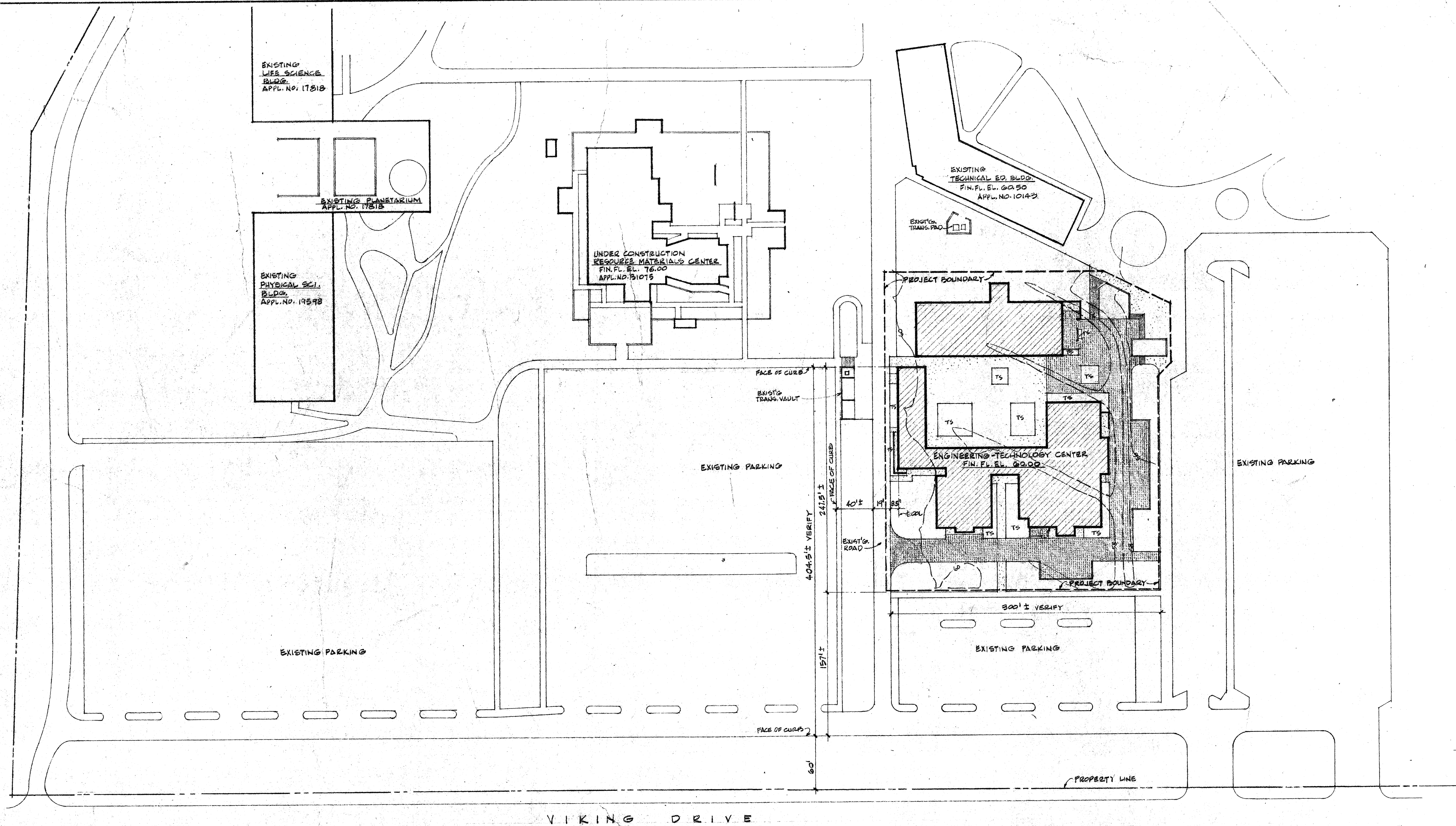


LIST OF DRAWINGS		
	NO.	TITLE
ARCHITECTURAL	1	TITLE SHEET
	2	SITE PLAN, SITE DETAILS, SYMBOLS
	3-K	DETAIL SITE PLAN
	4	ROOM FINISH SCHEDULE
	5	FLOOR PLAN I
	6	FLOOR PLAN II
	7	ROOF PLAN, DETAILS
	8	EXTERIOR ELEVATIONS
	9	EXTERIOR ELEVATIONS
	10	BUILDING SECTIONS, DETAILS
	11	EXTERIOR WALL SECTIONS
	12	DOOR SCHEDULE, WINDOW WALL & DOOR DETAILS
	13	INTERIOR ELEVATIONS
	14	REFLECTED CEILING PLAN, DETAILS
	15	INTERIOR WALL SECTIONS, DETAILS
	AB-1	AS BUILT DETAILS
STRUCTURAL	S-1	GENERAL NOTES AND TYPICAL DETAILS
	S-2	CARPENTRY NOTES AND TYPICAL DETAILS
	S-3	TRUSS JOIST NOTES AND DETAILS
	S-4	TRUSS JOIST PROFILES AND SCHEDULE
	S-5	FOUNDATION AND FLOOR PLAN I
	S-6	FOUNDATION AND FLOOR PLAN II
	S-7	ROOF FRAMING PLAN I
	S-8	ROOF FRAMING PLAN II
	S-9	STRUCTURAL SECTIONS
	S-10	STRUCTURAL SECTIONS
	S-11	STRUCTURAL SECTIONS
	S-12	STRUCTURAL SECTIONS
	S-13	FOOTING, FLOOR, AND WALL DETAILS
	S-14	ROOF AND WALL DETAILS
	S-15	ROOF AND WALL DETAILS
	S-16	STEEL FRAMING ELEVATIONS AND DETAILS
	S-17	STEEL FRAMING ELEVATIONS AND DETAILS
	S-18	STEEL FRAMING ELEVATIONS AND DETAILS
	S-19	MISCELLANEOUS FRAMING DETAILS
PLUMBING	P-1	PLUMBING SITE PLAN, LEGEND, GENERAL NOTES AND FIXTURE SCHEDULE
	P-2	PLUMBING FLOOR PLAN DETAILS
	P-3	PLUMBING FLOOR PLAN & DETAILS & SCHEDULES
MECHANICAL	M-1	MECHANICAL DETAILS, SCHEDULES & GENERAL NOTES
	M-2	MECHANICAL FLOOR PLAN
	M-3	MECHANICAL FLOOR PLAN & DETAIL
ELECTRICAL	E-1	ELECTRICAL - SITE PLAN - NOTES & SYMBOLS
	E-2	ELECTRICAL - PARTIAL FLOOR PLAN - POWER
	E-3	ELECTRICAL - PARTIAL FLOOR PLAN - LIGHTING
	E-4	ELECTRICAL - PARTIAL FLOOR PLAN - POWER & LIGHTING
	E-5	ELECTRICAL - PANEL DIAGRAMS & DETAILS
	E-6	ELECTRICAL - FIXTURE & PANEL SCHEDULES & DETAILS

DIABLO VALLEY COLLEGE ENGINEERING-TECHNOLOGY CENTER PLEASANT HILL CALIFORNIA

HEW NO. 3-9-00468-0
CCJCD NO. 234-68

ARCHITECT <i>[Signature]</i> STATE OF CALIFORNIA 32247 APPROVED OCT 9 - 1969 DATE 10/9/69 BY <i>[Signature]</i>	
APPROVED STATE OF CALIFORNIA 32247 APPROVED OCT 9 - 1969 DATE 10/9/69 BY <i>[Signature]</i>	
COMETTA AND SOOTAR 3516 MACDONALD AVENUE RICHMOND, CALIF. 94804 CONFER + LARSEN + CROSSEN 1500 CONTRA COSTA BLVD. CONCORD, CALIF. 94601 P. L. R. CONFER, ARCHITECT J. E. CROSSEN, ARCHITECT A. COMETTA, PARTNER G. C. LARSEN, ARCHITECT A. SOOTAR, ARCHITECT ASSOCIATED ARCHITECTURAL FIRMS P. W. CONFER, PARTNER	
TITLE SHEET TECHNICAL - VOCATIONAL FACILITY (ENGINEERING-TECHNOLOGY CENTER) DIABLO VALLEY COLLEGE CIVIL ENGINEERING DEPARTMENT PLEASANT HILL, CALIFORNIA	
SHEET OF 15 DATE 7-26-69	



SITE PLAN 1" = 60'

NOTES:
 1. SITE INFO. TAKEN FROM A MAP ENTITLED "DIABLO VALLEY COLLEGE, SITE PLAN AND UTILITY MAP" BY HAMMON, JENSEN & WALLER, MAPPING & FORESTRY SERVICES, OAKLAND, CALIFORNIA, NOVEMBER, 1964. PHOTOGRAMMETRICALLY PREPARED USING AERIAL PHOTOS DATED SEPT. 30, 1964. HORIZONTAL AND VERTICAL CONTROLS ESTABLISHED BY LEBTHER, COHN, & COOPER, CIVIL ENGINEERS. VERIFY EXISTING CONDITIONS AND GRADES AT TIME OF RIDING.
 2. SEE PARTIAL SITE PLAN, SHEET 3, FOR FINISH GRADES AROUND BUILDINGS AND OTHER SITE INFO. NOT SHOWN HERE.

SYMBOLS	
	COLUMN LINE
	ELEVATION NUMBER
	SHEET NUMBER
	DETAIL NUMBER
	SECTION NUMBER
	SHEET NUMBER
	ROOM NUMBER
	DOOR NUMBER
	MASONRY WALL
	WOOD STUD WALL W/BRICK VENEER (2x6s U.N.O.)
	WOOD STUD WALL (2x4s U.N.O.)
	1-HOUR RATED WOOD STUD WALL
	WOOD STUD SOUND CONTROL WALL
	2-HOUR RATED WOOD STUD WALL
	METAL PARTITION
	STORM DRAINAGE
	EXISTING CONTOUR
	FINISH ELEVATION
	CONCRETE PAVING
	ASPHALTIC CONCRETE PAVING

ARCHITECT *James J. Crossen*

STRUCT. ENGINEER

CONSULT. ENGINEER

APPROVED

STATE OF CALIFORNIA

32217

APPROVED

3-3-69

DATE

3-3-69

COMETTA AND SOOTAR

3116 MACDONALD AVENUE RICHMOND, CALIF. 94804

CONFER + LARSEN + CROSSEN

1800 COSTA BLVD. CONCORD, CALIF. 94601

P. A. COMETTA, PARTNER F. L. R. CROPPER, ARCHITECT G. C. LARSEN, ARCHITECT J. E. CROSSEN, ARCHITECT

A. SOOTAR, ARCHITECT ASSOCIATED ARCHITECTURAL FIRMS P. W. CONFER, PARTNER

SITE PLAN, SITE DETAILS, SYMBOLS

TECHNICAL-VOCATIONAL FACILITY (ENGINEERING-TECHNOLOGY CENTER)

DIABLO VALLEY COLLEGE DISTRICT

CONCORD, CALIFORNIA

PLEASANT HILLS

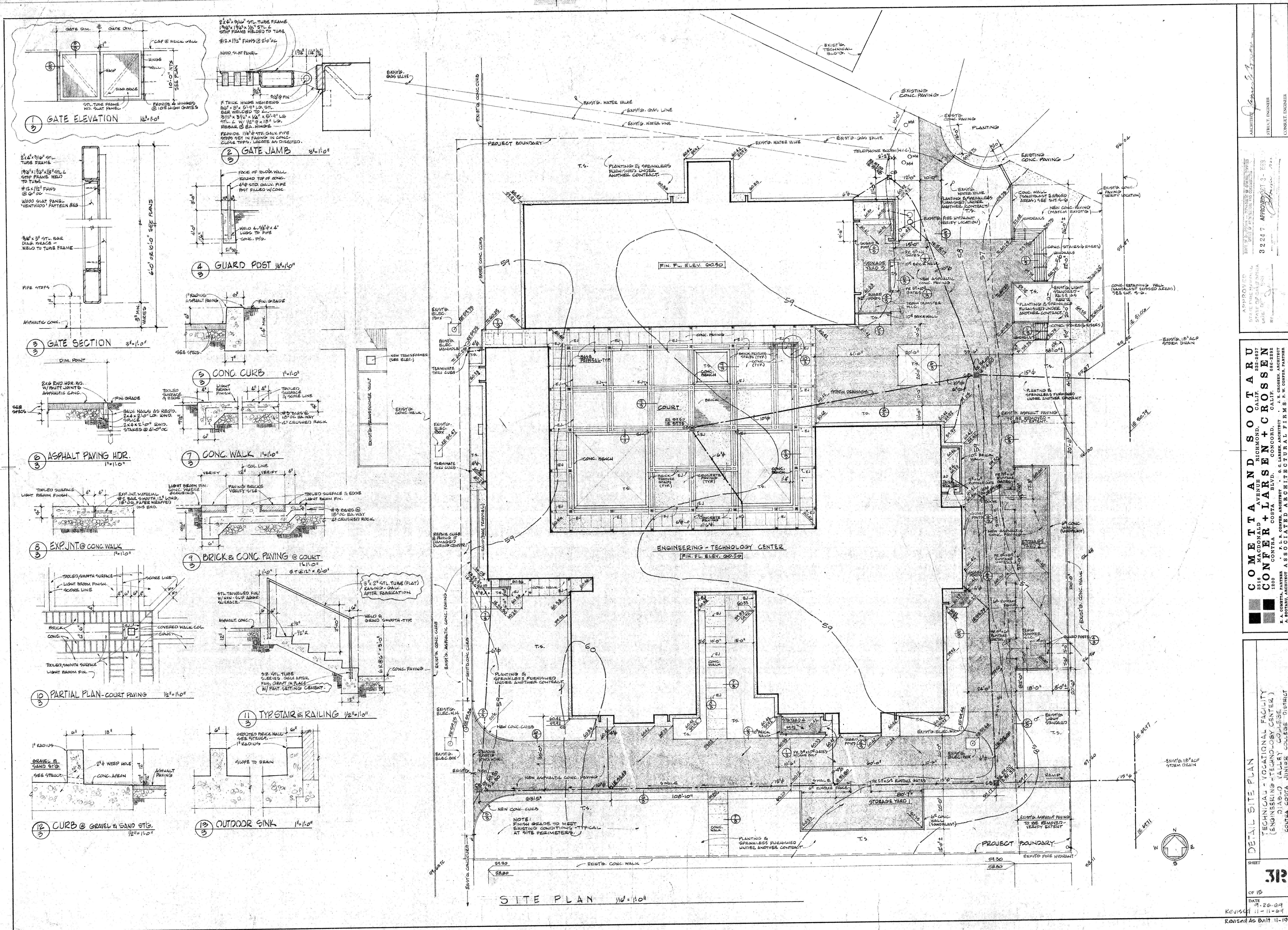
SHEET

2

OF 15

DATE

3-26-69



ARCHITECT
COMETTA AND SOOTARD
3516 MACDONALD AVE.
RICHMOND, CALIF. 94804
324 7 APPROVED 11-11-69
DATE 11-11-69

STRUCTURAL ENGINEER
CONFER + LARSEN + CROSSEN
1800 CONTRA BLVD.
COSTA MESA, CALIF. 92626
324 7 APPROVED 11-11-69
DATE 11-11-69

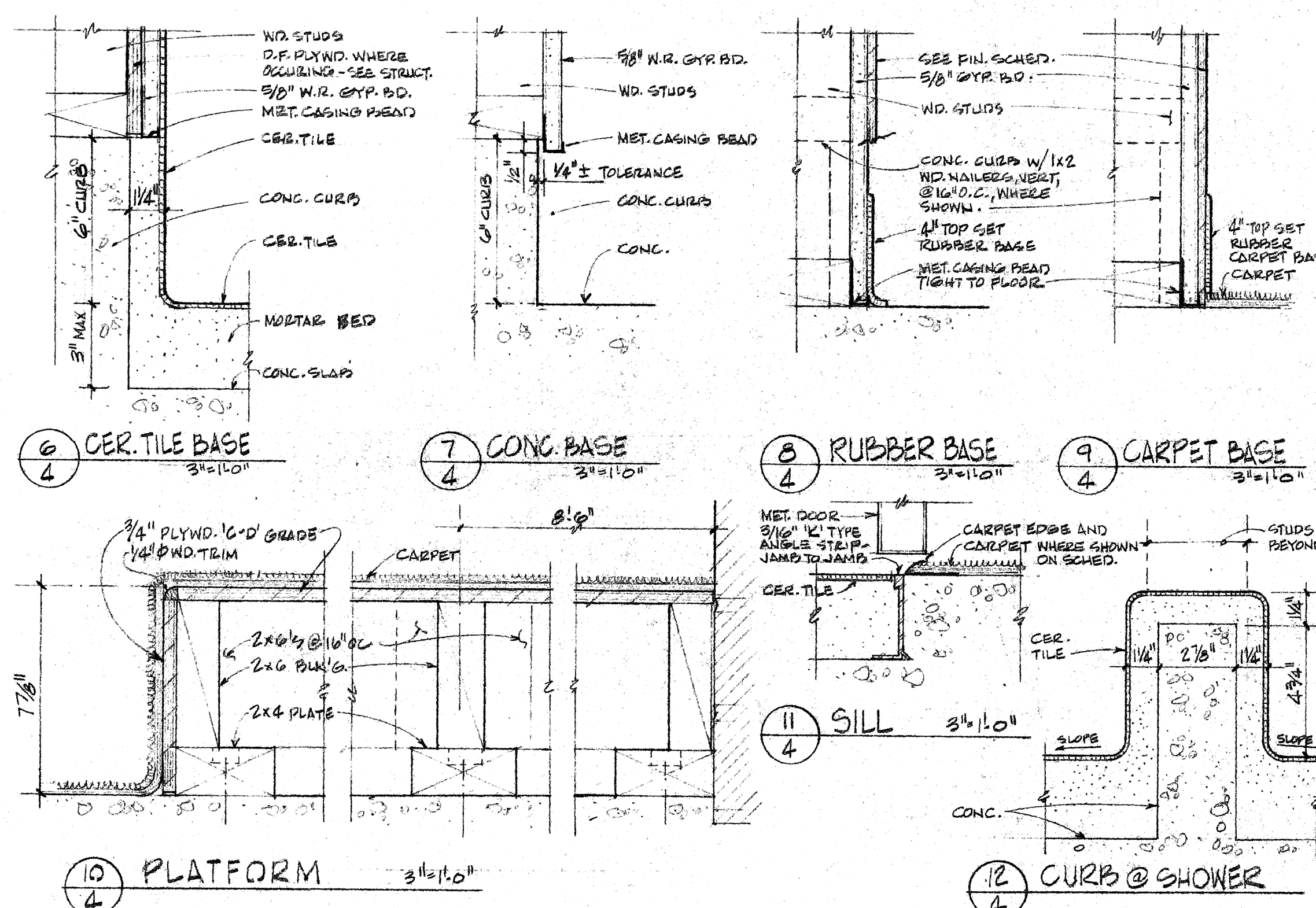
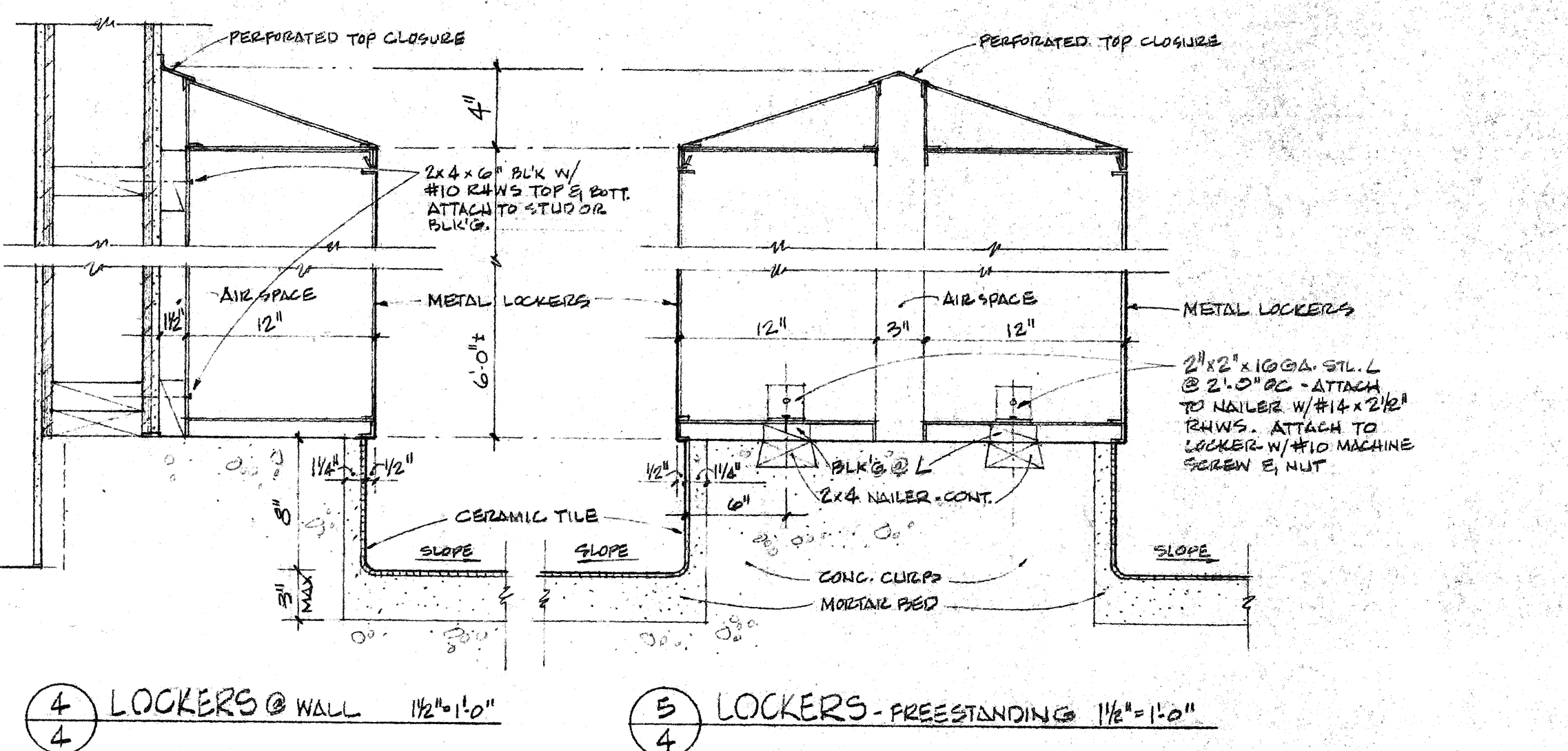
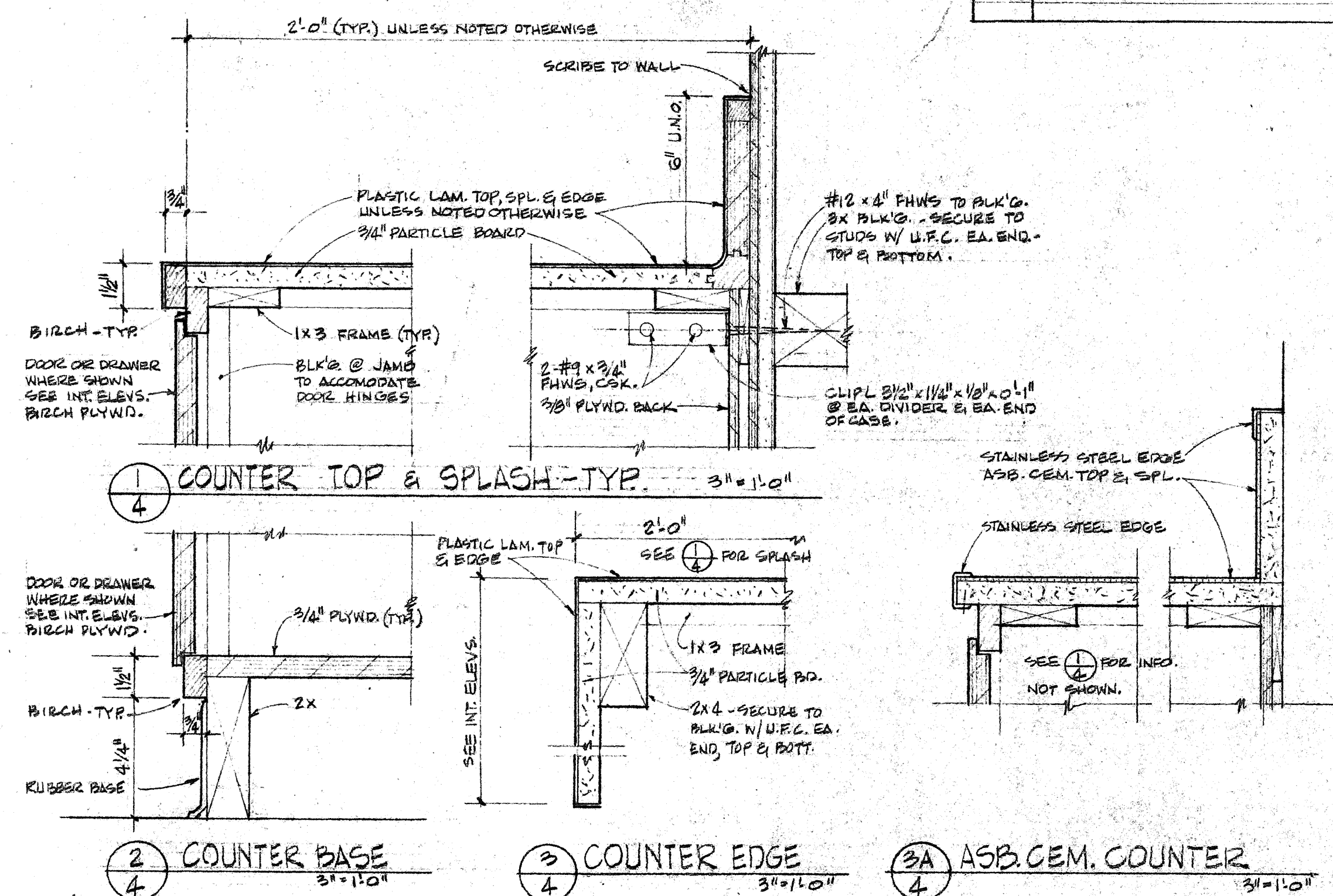
CONSULTING ENGINEER
CONFER + LARSEN + CROSSEN
1800 CONTRA BLVD.
COSTA MESA, CALIF. 92626
324 7 APPROVED 11-11-69
DATE 11-11-69

DETAIL SITE PLAN
SHEET 31P
OF 15
DATE 11-26-69
REVISED 11-11-69
REVISED AS BUILT 11-19-71

TECHNICAL - VOCATIONAL FACILITY
(ENGINEERING - TECHNOLOGY CENTER)
DIABLO VALLEY COLLEGE DISTRICT
COSTA MESA, CALIF. 92626
PLANNING HILL

1. PROVIDE GYPO-SOUDER UNDER ALL WALL FINISHES (2 LAYERS AT 2-HOUR AND SOUND CONTROL WALLS). SEE FLOOR PLANS FOR LOCATIONS.
2. ALL CASHEWORK IN CONTACT TO BE STAINED. SEE SPECIFICATIONS
3. PAINT ALL EXPOSED STEEL COLUMNS. (SEMI-GLOSS)
4. SEE INTERIOR ELEVATIONS AND PLANS FOR LOCATION OF VARIOUS MATERIALS.
5. VINYL WALL PANELS OCCUR IN METAL PARTITIONS.

A	FLAT PAINT
B	SEMI-GLOSS STIPPLE PAINT
C	SEMI-GLOSS PAINT
D	FACTORY FINISH
E	STAIN
F	SANDBLAST



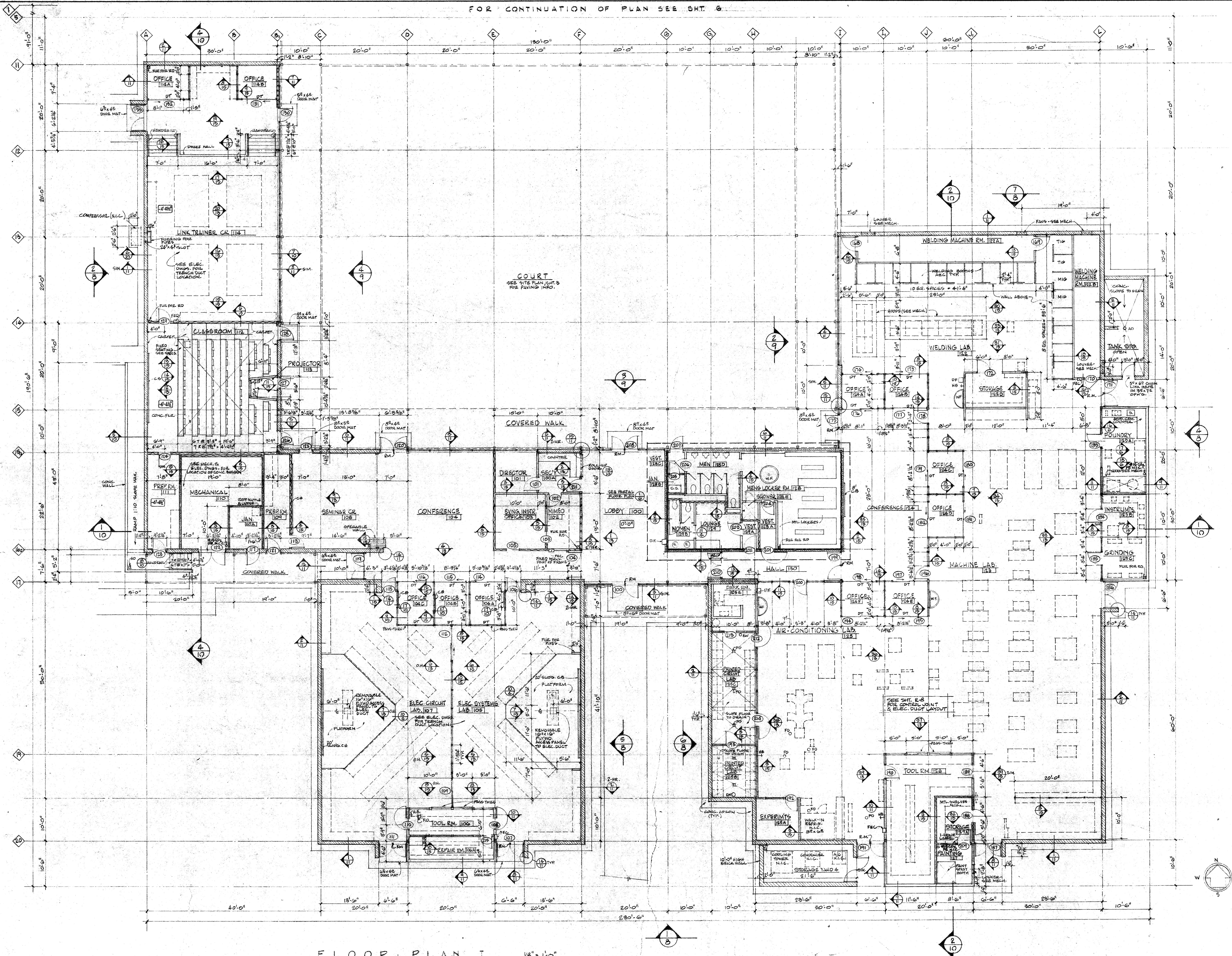
ROOM FINISH SCHEDULE (SEE FINISH NOTES)												
ROOM NAME	ROOM NO.	FLOOR	FIN. BASE	FIN. WAINSCOT	FIN. WALLS (SEE FINISH NOTE 1 & 4)	FIN. CEILING HEIGHT	CEILING	FIN. TRIM	FIN. REMARKS			
LOBBY	100	CARPET	D RUBBER/BRICK MET.	D	BRICK/D.F.PLYWD.*	D/E	10'-4"±	LUMINOUS (MET.)/GYR.BD.	D/A MET. C	*CLASS II FLAMESPREAD FINISH.		
SECRETARY	100A	CARPET	D RUBBER	D	DEPLYWD./BRICK	E/D	10'-4"±	LUMINOUS (MET.)/GYR.BD.	D/A MET. C	PAINT ROLL-UP DOOR - 'A' FIN.		
DIRECTOR	101	CARPET	D RUBBER	D	D.F.PLYWD.	E	10'-4"±	LUMINOUS/W.D.	D/A MET. C			
MIMEO	102	CARPET	D RUBBER	D	D.F.PLYWD.	E	8'-0"	LUMINOUS/W.D.	D/A MET. C			
EVENING INSTRUCTORS OFFICE	103	CARPET	D RUBBER	D	D.F.PLYWD.	E	8'-0"	LUMINOUS/W.D.	D/A MET. C			
CONFERENCE	104	CARPET	D MET./RUBBER BRICK	D	BRICK/D.F.PLYWD.	D/E	10'-4"±	LUMINOUS/W.D.	D/A MET./W.D. C/A			
OFFICE	104A	CARPET	D MET.	D	VINYL WALL PANEL	D	10'-4"±	LUMINOUS/W.D.	D/A W.D. A			
OFFICE	104B	CARPET	D MET.	D	VINYL WALL PANEL	D	10'-4"±	LUMINOUS/W.D.	D/A W.D. A			
OFFICE	104C	CARPET	D MET.	D	VINYL WALL PANEL	D	10'-4"±	LUMINOUS/W.D.	D/A W.D. A			
ELEC. SYSTEMS LAB	105	CARPET*	D RUBBER/MET. BRICK	D	BRICK/DEPLYWD./VINYL WALL PANEL	D/E/D	10'-4"±	LUMINOUS/W.D.	D/A MET./W.D. C/A	*CARPET ON TRENCH DUCT COVER, ALSO.		
TOOL ROOM	106	CONC. W/COLOR	RUBBER	D	D.F.PLYWD.	E	10'-0"	GYR.BD.	A MET. C			
REPAIR ROOM	106A	CONC. W/COLOR	RUBBER	D	D.F.PLYWD.	E	10'-0"	GYR.BD.	A MET. C			
ELEC. CIRCUIT LAB	107	CARPET*	D MET./RUBBER BRICK	D	BRICK/DEPLYWD./VINYL WALL PANEL	D/E/D	10'-4"±	LUMINOUS/W.D.	D/A MET./W.D. C/A	*CARPET ON TRENCH DUCT COVER, ALSO.		
SEMINAR CLASSROOM	108	CARPET	D RUBBER/BRICK	D	BRICK/D.F.PLYWD.	D/E	10'-4"±	LUMINOUS/W.D.	D/A MET./W.D. C/E			
PREP RM.	109	CONC.	RUBBER/BRICK	D	BRICK/D.F.PLYWD.	D/E	8'-0"	GYR.BD.	A MET. C			
MECHANICAL	110	CONC.	CONC./BRICK	D	BRICK/W.R.GYR.BD.	D/B	—	EXPOSED STRUCT.	A/E MET. C			
PREP RM.	111	CONC.	RUBBER/BRICK	D	BRICK/D.F.PLYWD.	D/E	8'-0"	GYR.BD.	A MET. C			
CLASSROOM	112	CARPET*	D WOOD/BRICK E/D	D	BRICK/ACOUSTIC CEZAR BATT'S	D/E/B	10'-0"± TO 10'-4"±	LUMINOUS/W.D.	D/A MET./W.D. C/B	*SEE PLAN FOR EXTENT OF CARPET.		
PROJECTOR	113	CONC.	RUBBER	D	D.F.PLYWD.	E	8'-0"	GYR.BD.	A MET. C			
LINK TRAINER CLASSROOM	114	CARPET*	D WOOD/CONC. E/D	D	BRICK/D.F.PLYWD.	D/E	10'-0"± TO 10'-4"±	LUMINOUS/W.D.	D/A MET./W.D. C/E/A	*CARPET ON TRENCH DUCT COVER, ALSO.		
OFFICE	114A	CARPET	D BRICK/MET.	D	BRICK/VINYL WALL PANEL	D	10'-4"±	LUMINOUS/W.D.	D/A W.D. A			
OFFICE	114B	CARPET	D RUBBER/MET. BRICK	D	BRICK/VINYL WALL PANEL	D	10'-4"±	LUMINOUS/W.D.	D/A W.D. A			
SURVEY EQUIP.	115	CONC.	BRICK/MET.	D	BRICK/D.F.PLYWD.	D/E	—	EXPOSED STRUCT.	A/E MET. C			
DRAFTING ROOM	116	CARPET	D RUBBER/MET. BRICK	D	BRICK/DEPLYWD./VINYL WALL PANEL	D/E/D	10'-4"±	LUMINOUS/W.D.	D/A W.D. A			
DRAFTING ROOM	116A	CARPET	D BRICK/MET.	D	BRICK/ASB.CEM.PANEL	D	10'-4"±	LUMINOUS/W.D.	D/A W.D. A			
DRAFTING ROOM	117	CARPET	D RUBBER/BRICK	D	BRICK/D.F.PLYWD.	D/E	10'-4"±	LUMINOUS/W.D.	D/A MET. C			
REPRODUCTION ROOM	118	CARPET	D RUBBER	D	D.F.PLYWD.	E	10'-4"±	LUMINOUS/W.D.	D/A MET. C			
CONFERENCE	119	CARPET	D MET.	D	VINYL WALL PANEL	D	10'-4"±	LUMINOUS/W.D.	D/A W.D. A			
OFFICE	119A	CARPET	D RUBBER/MET.	D	VINYL WALL PANEL/BRICK	D	10'-4"±	LUMINOUS/W.D.	D/A W.D. A			
OFFICE	119B	CARPET	D MET.	D	VINYL WALL PANEL	D	10'-4"±	LUMINOUS/W.D.	D/A W.D. A			
OFFICE	119C	CARPET	D MET.	D	VINYL WALL PANEL	D	10'-4"±	LUMINOUS/W.D.	D/A W.D. A			
OFFICE	119D	CARPET	D RUBBER/MET.	D	VINYL WALL PANEL/D.F.PLYWD.	D/E	10'-4"±	LUMINOUS/W.D.	D/A W.D. A			
OFFICE	119E	CARPET	D RUBBER/MET.	D	VINYL WALL PANEL/D.F.PLYWD.	D/B	10'-4"±	LUMINOUS/W.D.	D/A W.D. A			
OFFICE	119F	CARPET	D MET.	D	VINYL WALL PANEL	D	10'-4"±	LUMINOUS/W.D.	D/A W.D. A			
OFFICE	119G	CARPET	D MET.	D	VINYL WALL PANEL	D	10'-4"±	LUMINOUS/W.D.	D/A W.D. A			
OFFICE	119H	CARPET	D RUBBER/MET.	D	VINYL WALL PANEL/BRICK	D	10'-4"±	LUMINOUS/W.D.	D/A W.D. A			
MATERIAL TESTING & CONST. LAB	120	CONC. W/COLOR	BRICK/MET.	D	ASB.CEM.* D	D/E/D	—	EXPOSED STRUCT.	A/E MET./W.D. C/A	*SEE PLAN E, ELEV. FOR LOCATION		
OPTICAL ROOM	120A	CONC. W/COLOR	RUBBER	D	D.F.PLYWD.	E	9'-9"	GYR.BD.	A MET. C			
POLISHING ROOM	120B	CONC. W/COLOR	RUBBER	D	BRICK/D.F.PLYWD.	D/E	9'-9"	GYR.BD.	A MET. C			
STORAGE	121	CONC. W/COLOR	RUBBER/MET.	D	D.F.PLYWD.	E	—	EXPOSED STRUCT.	A/E MET. C			
WELDING LAB	122	CONC. W/COLOR	BRICK/MET. RUBBER	D	BRICK/DEPLYWD./VINYL WALL PANELS/ASB.CEM.PANEL*	D/E/D	7'-0"± WELDING BOOTHS	EXPOSED STRUCT./ASB.CEM.*	A/E/D MET./W.D. C/A	*@ WELDING BOOTHS		
WELDING MACHINE ROOM	122A	CONC.	BRICK/MET.	D	BRICK/INSULATION BATT'S	D	—	EXPOSED STRUCT.	— MET. C			
WELDING MACHINE ROOM	122B	CONC.	BRICK/MET.	D	BRICK/INSULATION BATT'S	D	—	EXPOSED STRUCT.	— MET. C			
STORAGE	122D	CONC. W/COLOR	RUBBER	D	D.F.PLYWD.	E	—	EXPOSED STRUCT.	A/E MET. C			
MACHINE LAB	123	CONC. W/COLOR	BRICK/MET. RUBBER	D	BRICK/DEPLYWD./VINYL WALL PANEL/ASB.CEM.PANEL	D/E/D	—	EXPOSED STRUCT.	A/E MET./W.D. C/A			
FOUNDRY	123A	CONC. W/COLOR	RUBBER/MET.	D	ASB.CEM.	D	10'-0"±	GYR.BD.	B MET. C			
INSTRUMENTS	123B	CONC. W/COLOR	RUBBER/MET.	D	ASB.CEM.PANEL/D.F.PLYWD.	D/E	10'-4"±	LUMINOUS	D MET./W.D. C/A			
GRINDING	123C	CONC. W/COLOR	RUBBER/MET.	D	ASB.CEM.PANEL/D.F.PLYWD.	D/E	10'-4"±	LUMINOUS	D MET./W.D. C/A			
CONFERENCE	124	CARPET	D BRICK/MET.	D	BRICK/VINYL WALL PANEL	D	10'-4"±	LUMINOUS/W.D.	D/A MET./W.D. C/A			
OFFICE	124A	CARPET	D RUBBER/MET.	D	VINYL WALL PANEL/BRICK	D	10'-4"±	LUMINOUS/W.D.	D/A W.D. A			
OFFICE	124B	CARPET	D MET.	D	VINYL WALL PANEL	D	10'-4"±	LUMINOUS/W.D.	D/A W.D. A			
OFFICE	124C	CARPET	D MET.	D	VINYL WALL PANEL	D	10'-4"±	LUMINOUS/W.D.	D/A W.D. A			
OFFICE	124D	CARPET	D MET.	D	VINYL WALL PANEL	D	10'-4"±	LUMINOUS/W.D.	D/A W.D. A			
OFFICE	124E	CARPET	D MET.	D	VINYL WALL PANEL	D	10'-4"±	LUMINOUS/W.D.	D/A W.D. A			
OFFICE	124F	CARPET	D MET.	D	VINYL WALL PANEL	D	10'-4"±	LUMINOUS/W.D.	D/A W.D. A			
AIR-CONDITIONING LAB	125	CONC. W/COLOR	BRICK/MET. RUBBER	D	BRICK/DEPLYWD./ASB.CEM.PANEL	D/E/D	—	EXPOSED STRUCT.	A/E MET./W.D. C/A			
EXPERIMENTS	125A	CONC. W/COLOR	BRICK/RUBBER	D	BRICK/D.F.PLYWD.	D/E	8'-0"	ACOUSTIC B.O.IN T-BAR	D MET. C			
PRINTED CIRCUIT LAB	125B	CONC. W/COLOR	BRICK/RUBBER	D	BRICK/GYR.BD.	C/B	9'-9"	GYR.BD.	B MET. C			
PRINTED CIRCUIT LAB	125C	CONC. W/COLOR	BRICK/RUBBER	D	BRICK/GYR.BD.	C/B	9'-9"	GYR.BD.	B MET. C			
DARK ROOM	125E	CONC. W/COLOR	BRICK/RUBBER	D	BRICK/GYR.BD.	C/B	8'-0"	GYR.BD.	B MET. C			
TOOL ROOM	126	CONC. W/COLOR	RUBBER	D	D.F.PLYWD.	E	—	EXPOSED STRUCT.	A/E MET. C			
PAINTING STORAGE	127	CONC. W/COLOR	RUBBER	D	D.F.PLYWD.	E	10'-0"	GYR.BD.	A MET. C			
	127A	CONC. W/COLOR	RUBBER	D	D.F.PLYWD. (1 LAYER 3/8" G.B. EA. SIDE OF WAHS TO ROOF)	E	10'-0"	GYR.BD.	A MET. C			
MENS LOCKER ROOM	128	CER.TILE	D CER.TILE	D	CER.TILE ON GYR.BD.*	B	9'-9"	GYR.BD.	B MET. C	*SEE ELEV. FOR LOCATION		
VESTIBULE	128A	CARPET	D RUBBER	D	D.F.PLYWD.	E	8'-0"	GYR.BD.	A MET. C			
JANITOR	128B	CONC.	CONC.	D	CER.TILE ON W.R.GYR.BD.*	B	8'-0"	GYR.BD.	B MET. C	*SEE ELEV. FOR LOCATION		
VESTIBULE	128C	CER.TILE	D CER.TILE	D	CER.TILE ON W.R.GYR.BD.	D	8'-0"	GYR.BD.	B MET. C			
MEN	128D	CER.TILE	D CER.TILE	D	CER.TILE ON W.R.GYR.BD.	D	8'-0"	GYR.BD.	B MET. C			
SHOWER	128E	CER.TILE	D CER.TILE	D	CER.TILE ON W.R.GYR.BD.	D	7'-0"	CER.TILE ON W.R.GYR.BD.	D — —			
LOUNGE	129	CARPET	D RUBBER	D	D.F.PLYWD.	E	8'-0"	GYR.BD.	A MET. C			
VESTIBULE	129A	CARPET	D RUBBER	D	D.F.PLYWD.	E	8'-0"	GYR.BD.	A MET. C			
WOMEN	129B	CER.TILE	D CER.TILE	D	CER.TILE ON W.R.GYR.BD.	D	8'-0"	GYR.BD.	A — C			
HALL	130	CARPET	D BRICK/MET.	D	BRICK/D.F.PLYWD.*	D/E	10'-4"±	LUMINOUS (MET.)/GYR.BD.	D/A MET./W.D. C/A	*CLASS II FLAMESPREAD FINISH.		

APPROVED STATE ENGINEER STATE OF CALIFORNIA DATE: 01-14-1999 By: <i>[Signature]</i>	3-24-97 APPROVED 007 0-1999 <i>[Signature]</i> OFFICE OF PUBLIC WORKS DIVISION OF HIGHWAYS 1500 K STREET, N.W. WASHINGTON, D.C. 20005	ARCHITECT <i>[Signature]</i> STRUCTURAL ENGINEER CONSULTING ENGINEER
---	--	---

COMETTA AND SOOTAR
3616 MACDONALD AVENUE RICHMOND, CALIF. 923-2437
CONFERR + LARSEN + CROSEN
CONTRA COSTA BLVD. CONCORD, CALIF. 886-2892
J. E. CROSEN, ARCHITECT
A. CROSEN, ARCHITECT ASSOCIATES ARCHITECTURAL FIRMS
J. E. CROSEN, ARCHITECT

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
SHEET										4										OF 15										DATE										9-28-64																																																											
ROOM FINISH SCHEDULE										TECHNICAL - VOCATIONAL FACILITY (ENGINEERING-TECHNOLOGY CENTER) DIABLO VALLEY COLLEGE CONTRA COSTA JUNIOR COLLEGE DISTRICT PUEBLO HILL CALIFORNIA																																																																																									

FOR CONTINUATION OF PLAN SEE SHT. 6



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

NOTE: ALL EQUIPMENT & FURNITURE SHOWN DOTTED IS NOT IN THE CONTRACT (N.I.C.) FIRE EXTINGUISHERS SHALL BE PROVIDED AS PER SECTION 8.15, TITLE 19.

COMETA AND SOUTAR
 3316 MACDONALD AVENUE RICHMOND, CALIF. 422-4837
CONFER + LARSEN + CROSSEN
 1260 CONTRA COSTA BLVD. CONCORD, CALIF. 686-2232
COMETA, PARTNER F. K. A. CONNOR, ARCHITECT G. G. LARSEN, ARCHITECT J. E. CROSSEN, ARCHITECT
BOQUAN, ARCHITECT ASSOCIATED ARCHITECTURAL FIRM S. W. CONNOR, PARTNER

BOOK PLAN I

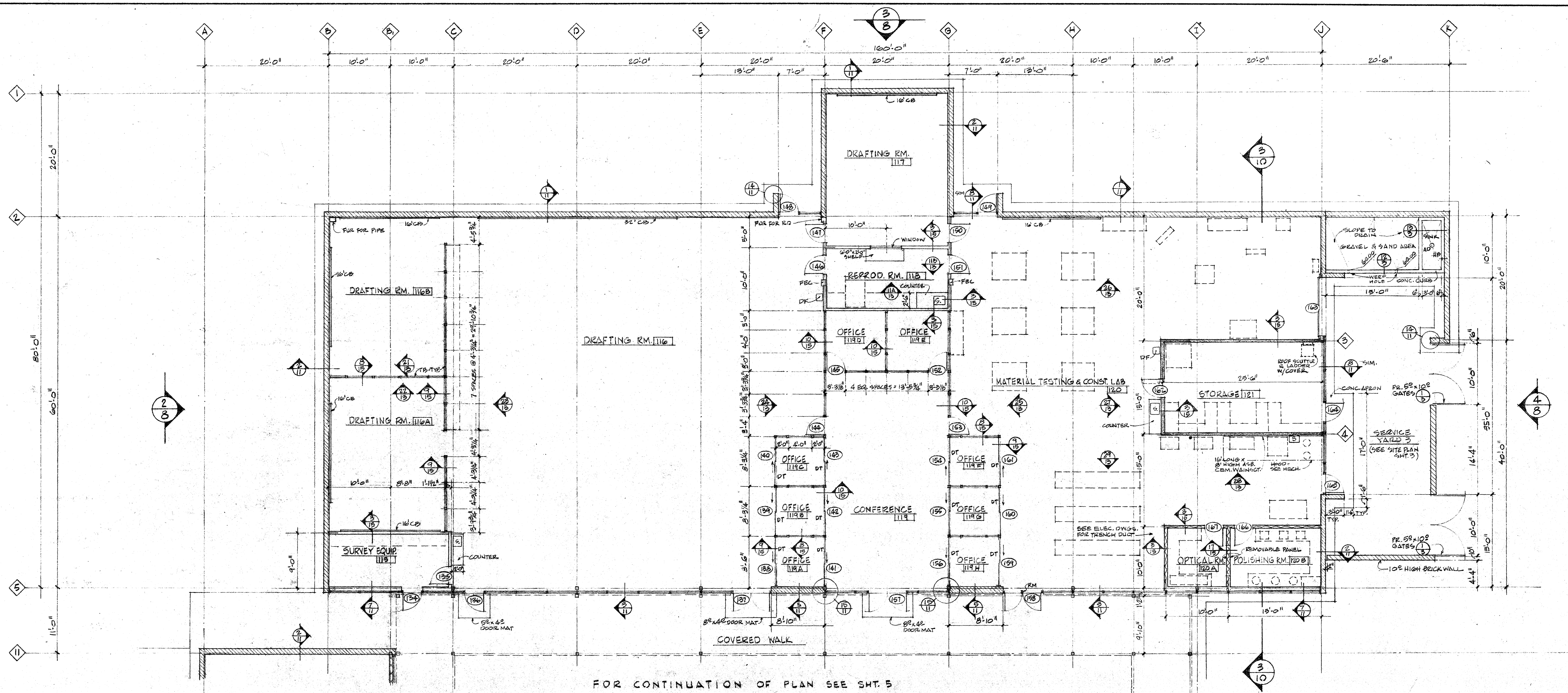
SHEET

5

OF 15

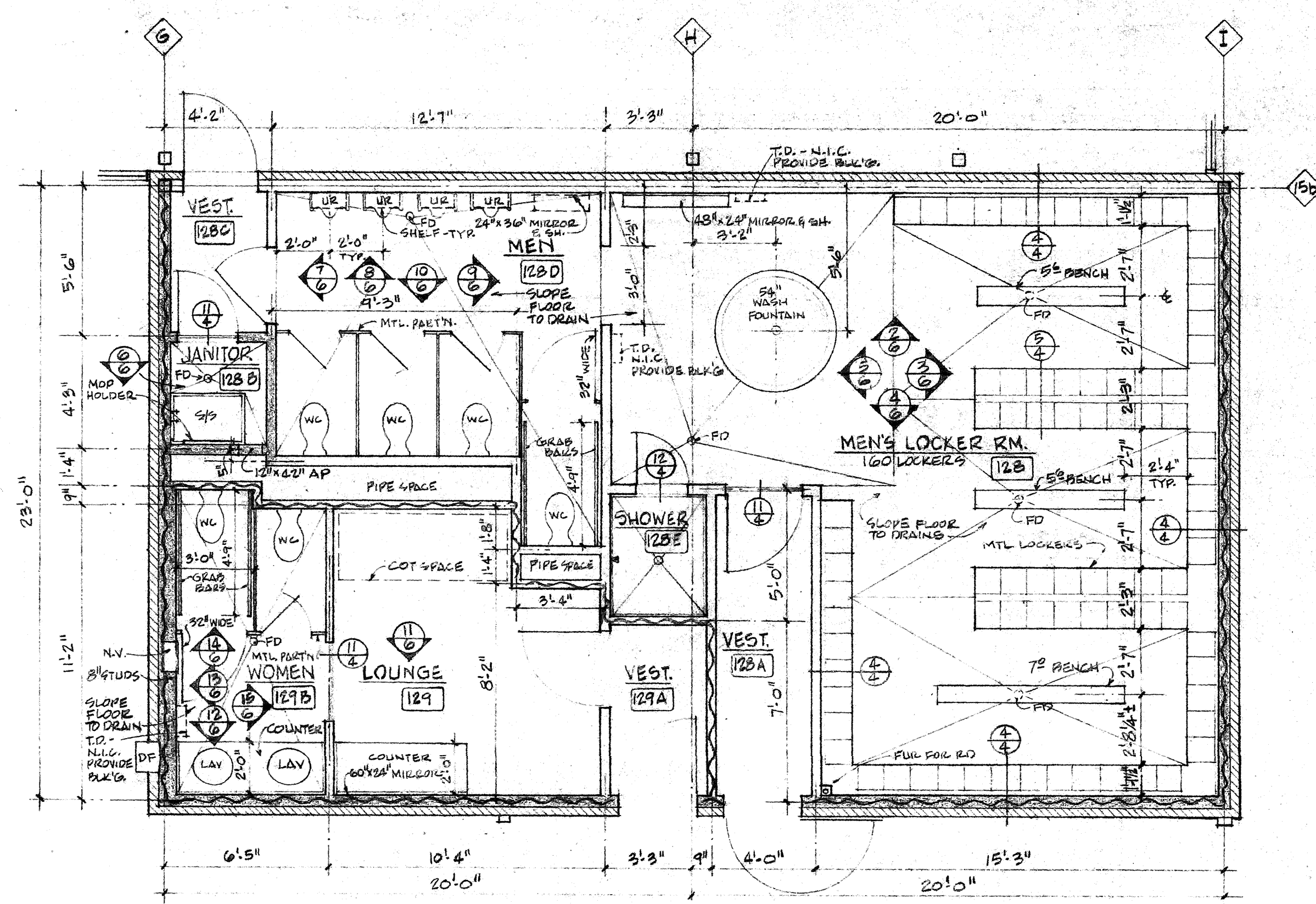
DATE 9-26-69

REVISED AS BUILT	11-19-77
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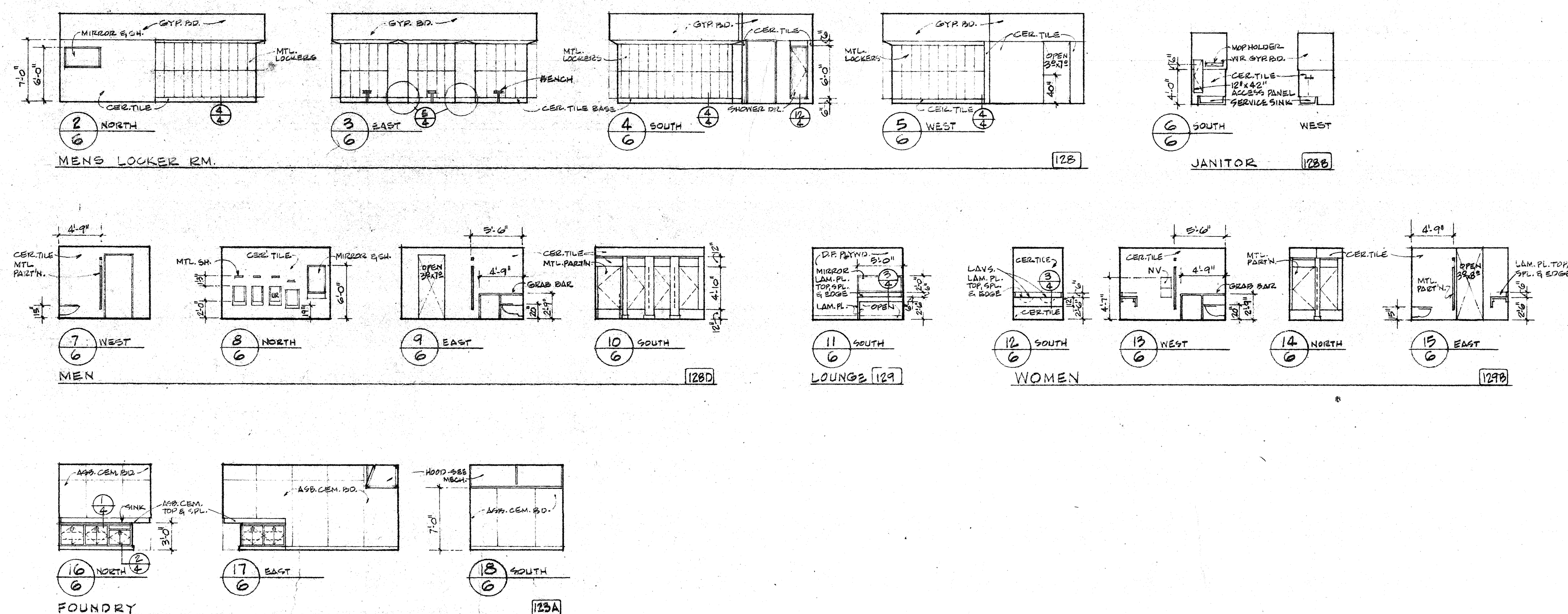


FLOOR PLAN II 1/8" = 1'-0"

NOTE: ALL EQUIPMENT AND FURNITURE SHOWN DOTTED IS NOT IN THE CONTRACT (N.I.C.).



PARTIAL FLOOR PLAN 1/4" = 1'-0"

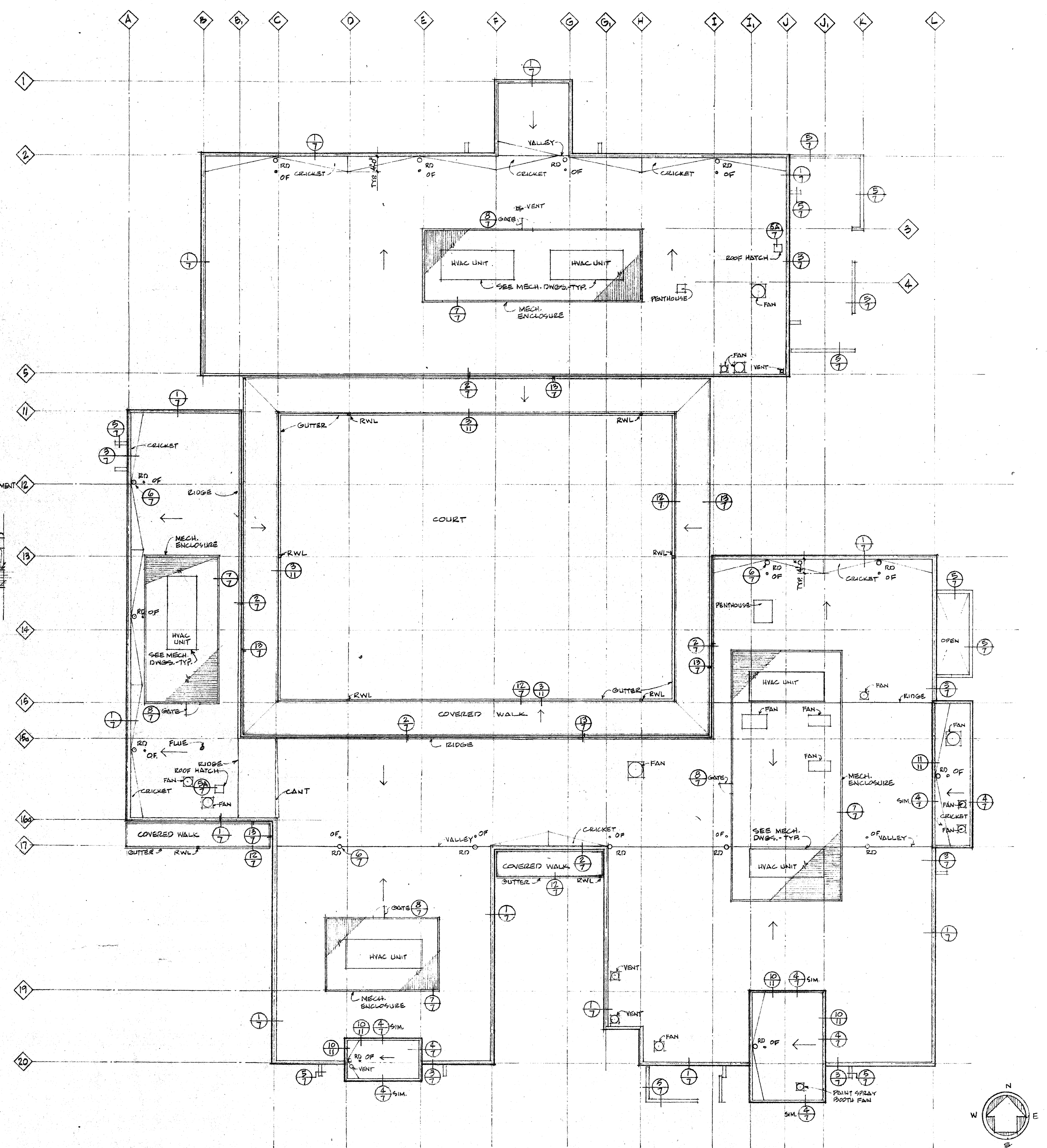
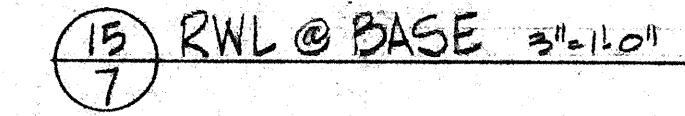
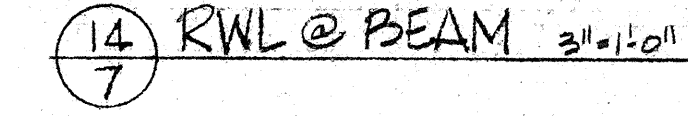
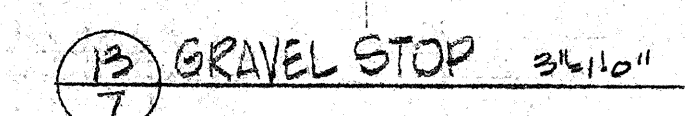
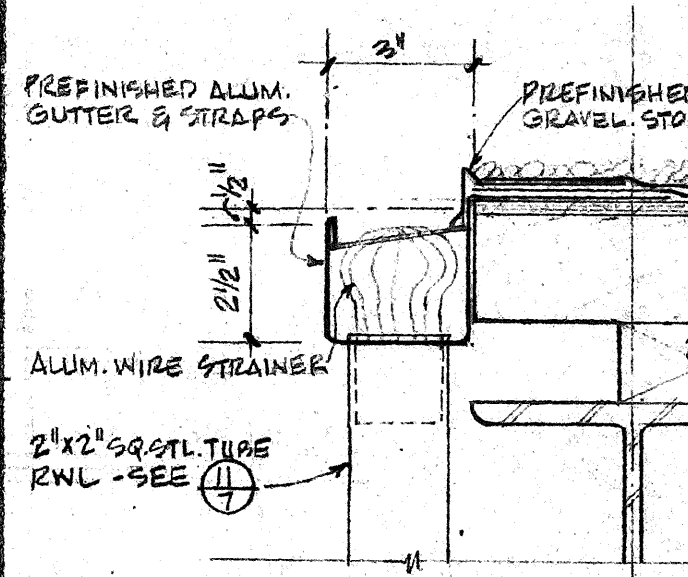
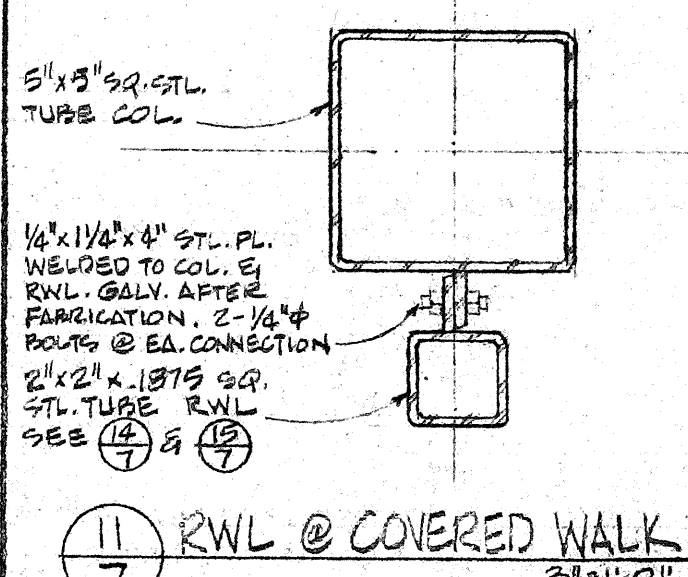
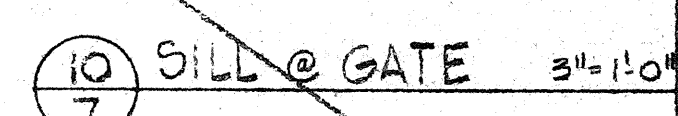
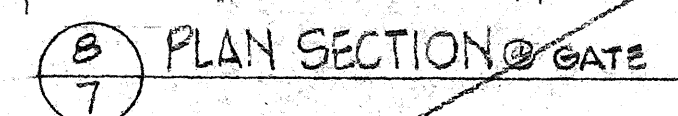
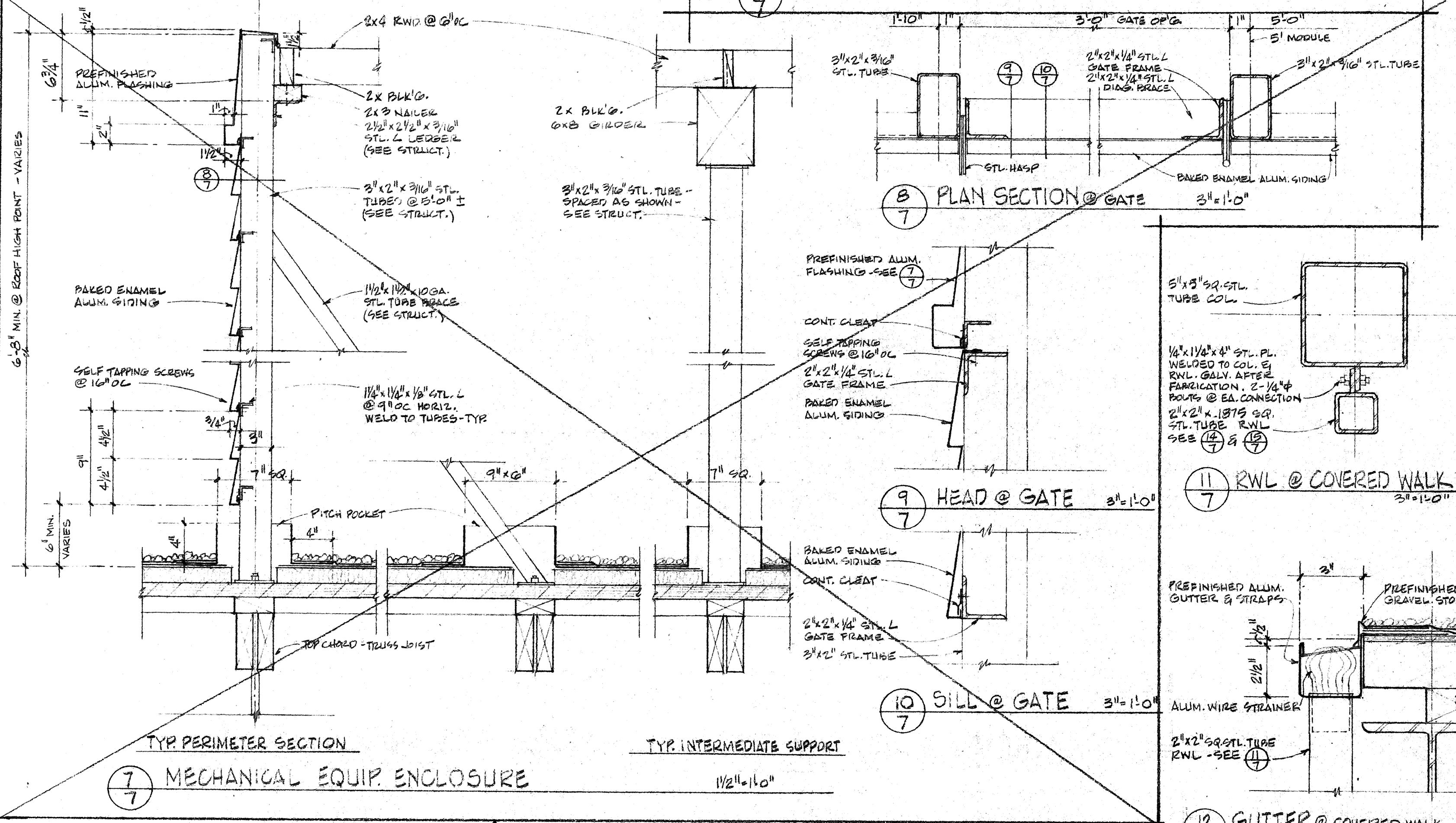
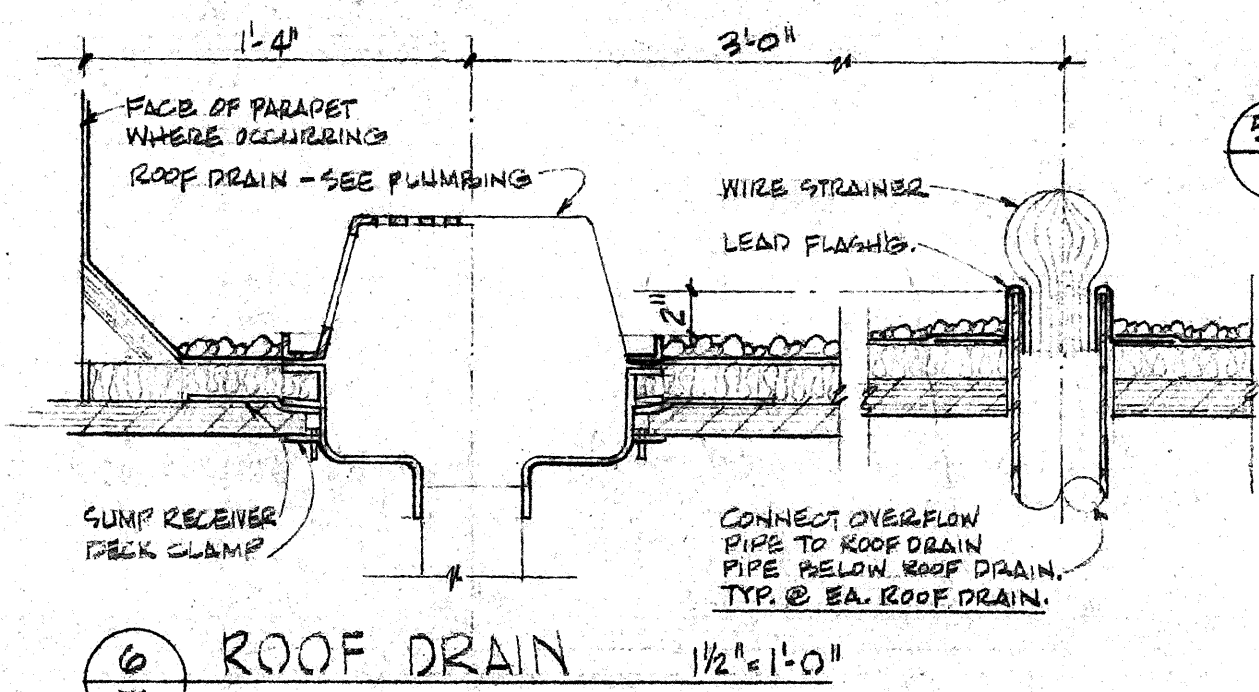
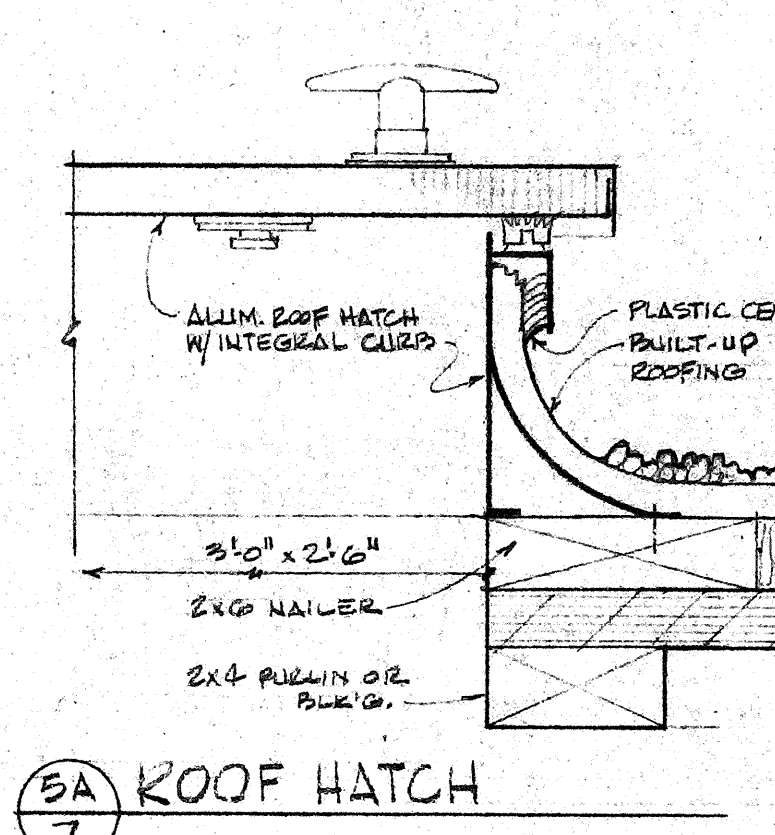
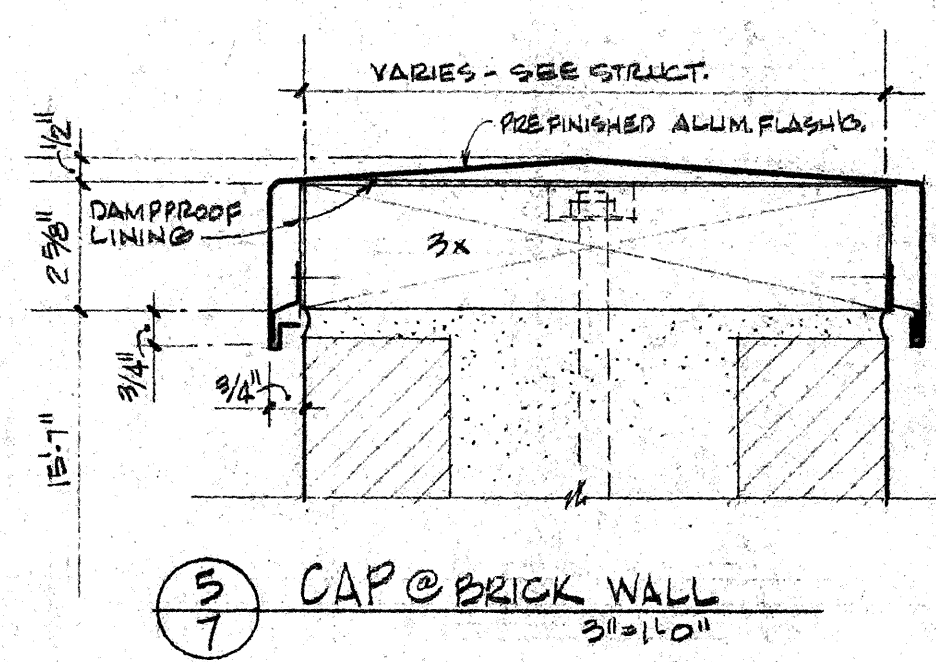
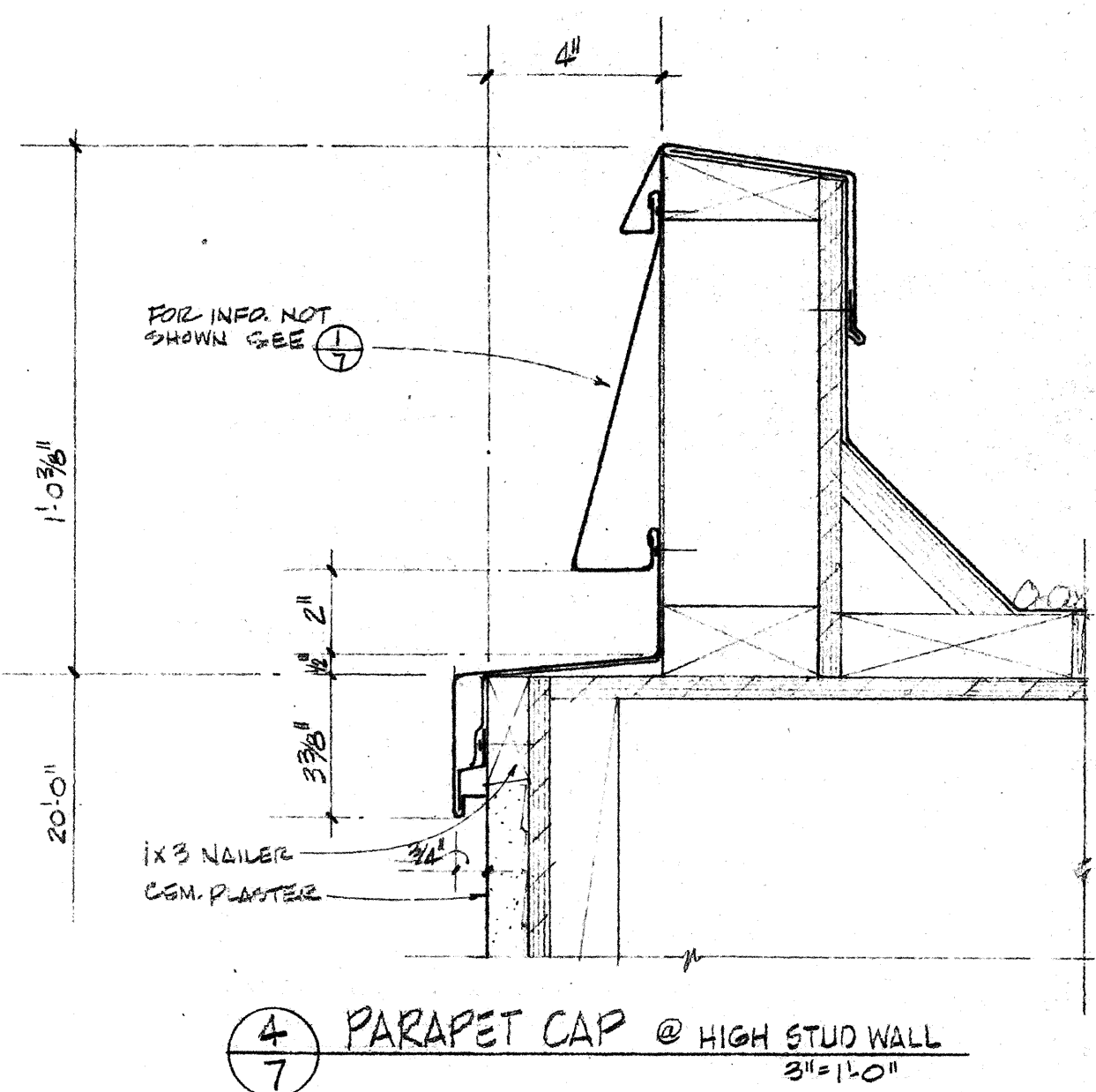
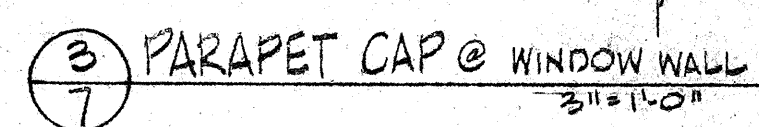
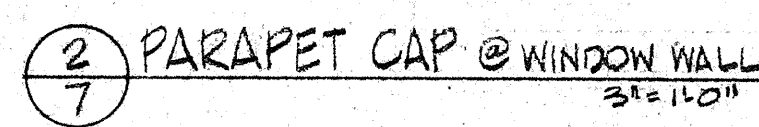
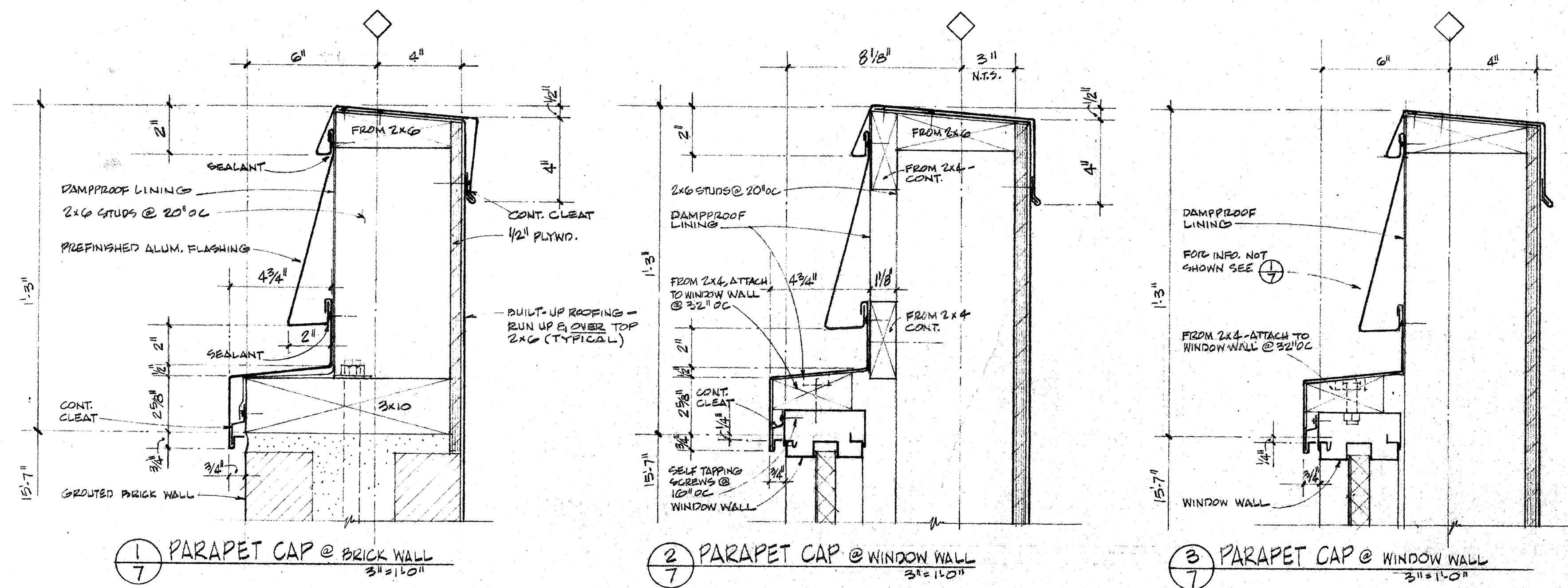


ARCHITECT
STRUCT. ENGINEER
CONSULT. ENGINEER

APPROVED
DATE: 10/17/67
BY: [Signature]

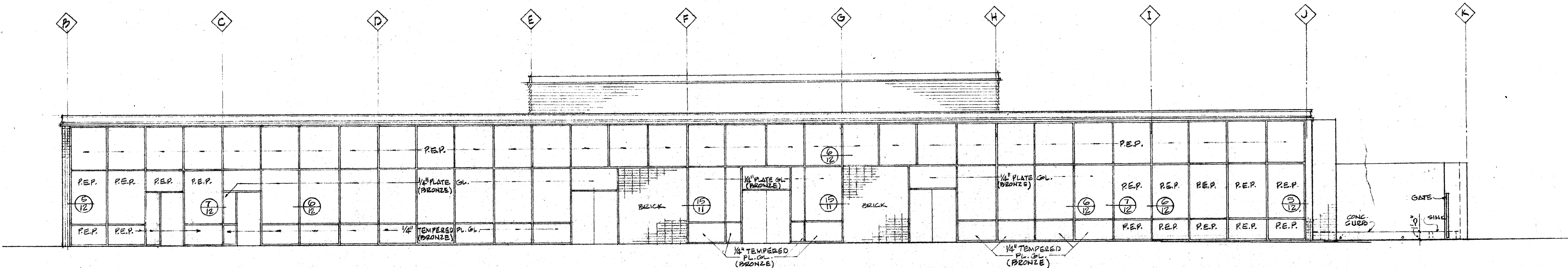
COMETTA AND SOTO
3516 MACDONALD AVENUE, RICHMOND, CALIF. 94804
332-2837
CONFER + LARSEN + CROSEN
1500 CONTRA COSTA BLVD., CONCORD, CALIF. 94601
886-2322
A. COMETTA PARTNER
J. E. CROSEN ARCHITECT
ASSOCIATED ARCHITECTURAL FIRMS P. N. CONTRA, FANTIER

FLOOR PLAN II, PARTIAL FLOOR PLAN
TECHNICAL - VOCATIONAL FACILITY
(ENGINEERING - TECHNOLOGY CENTER)
DIABLO VALLEY COLLEGE
CONTRA COSTA JUNIOR COLLEGE DISTRICT
PLEASANT HILL, CALIFORNIA
SHEET
OF 15
DATE: 9-26-67

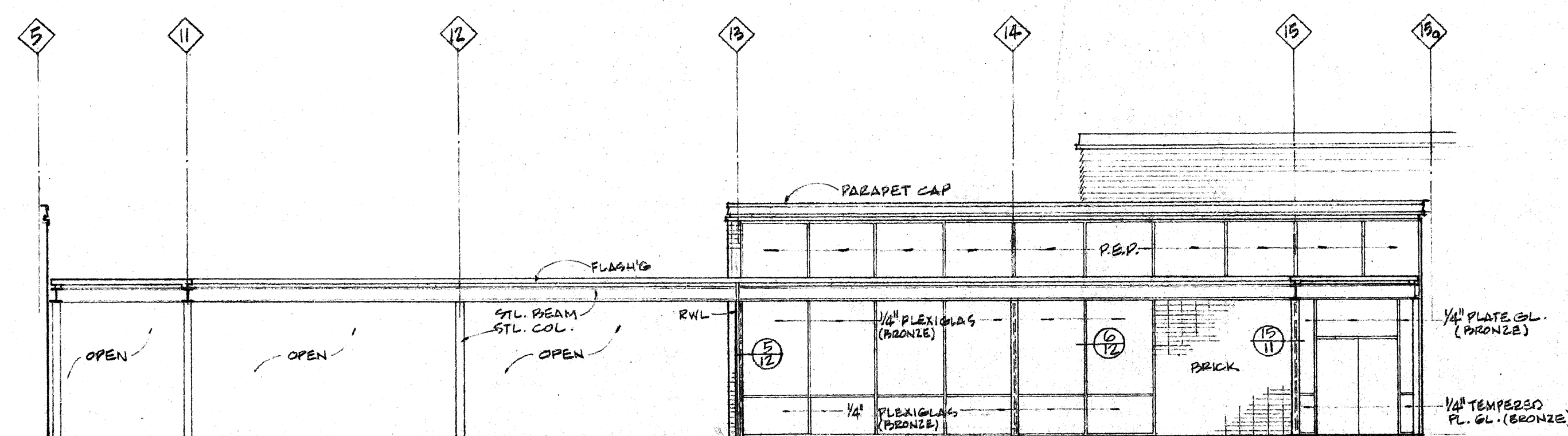


ROOF PLAN 1/16" = 1'-0"

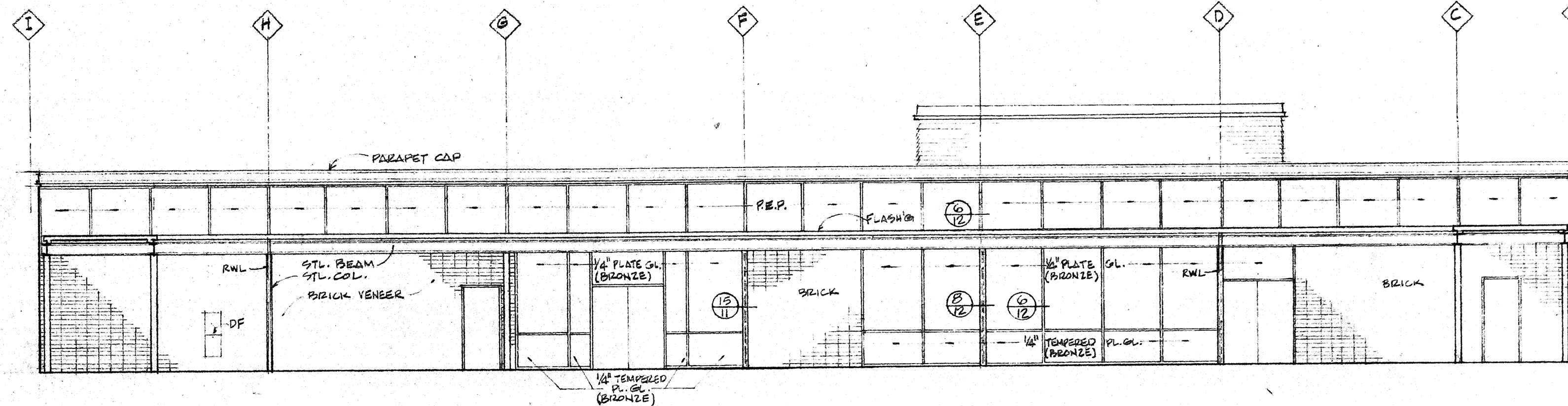
NOTE: SEE PLUMBING & MECHANICAL DWGS. FOR OTHER ROOF DEVS. NOT SHOWN HERE.



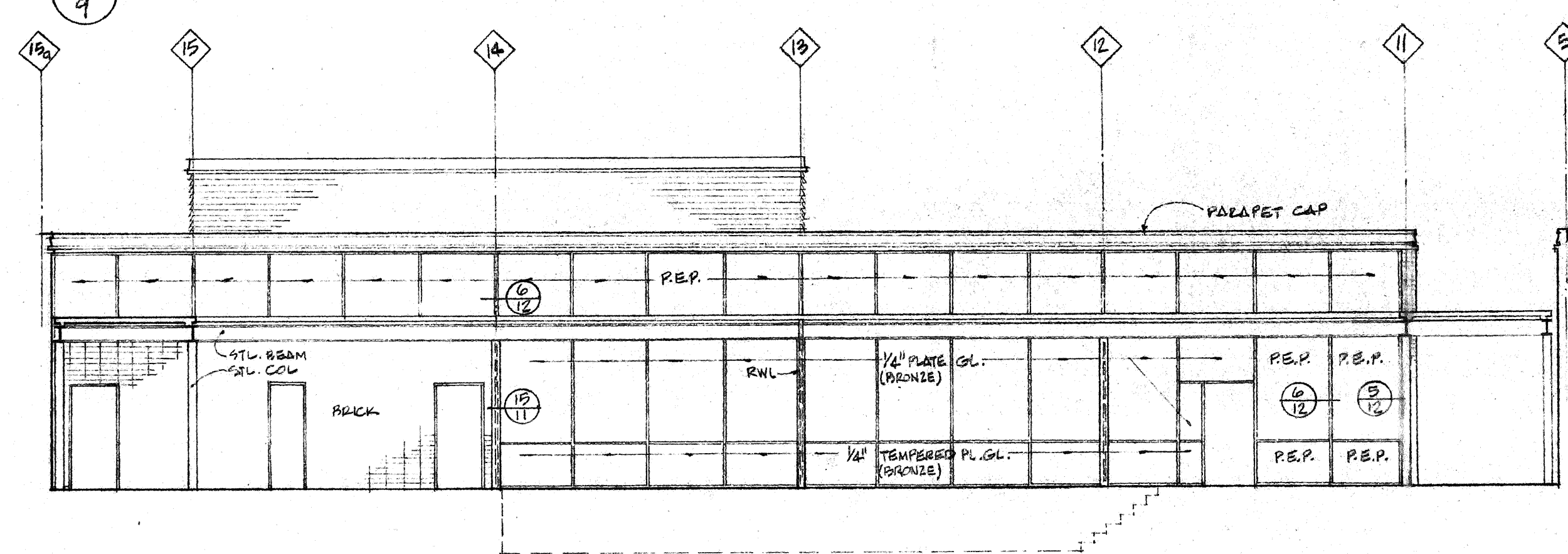
1 NORTH ELEVATION - COURT (COVERED WALK NOT SHOWN FOR CLARITY) 1/8" = 1'-0"



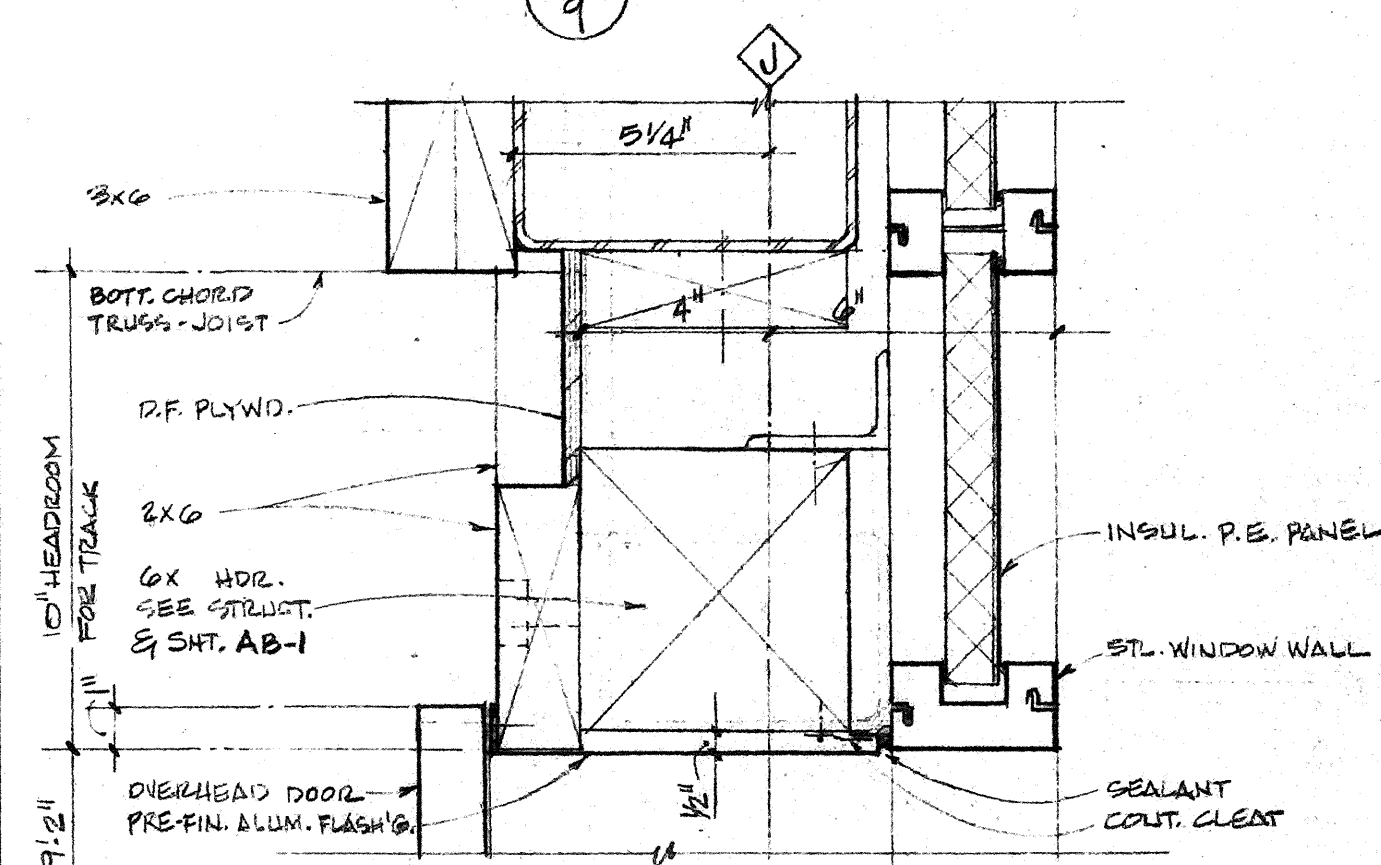
2 EAST ELEVATION - COURT 1/8" = 1'-0"



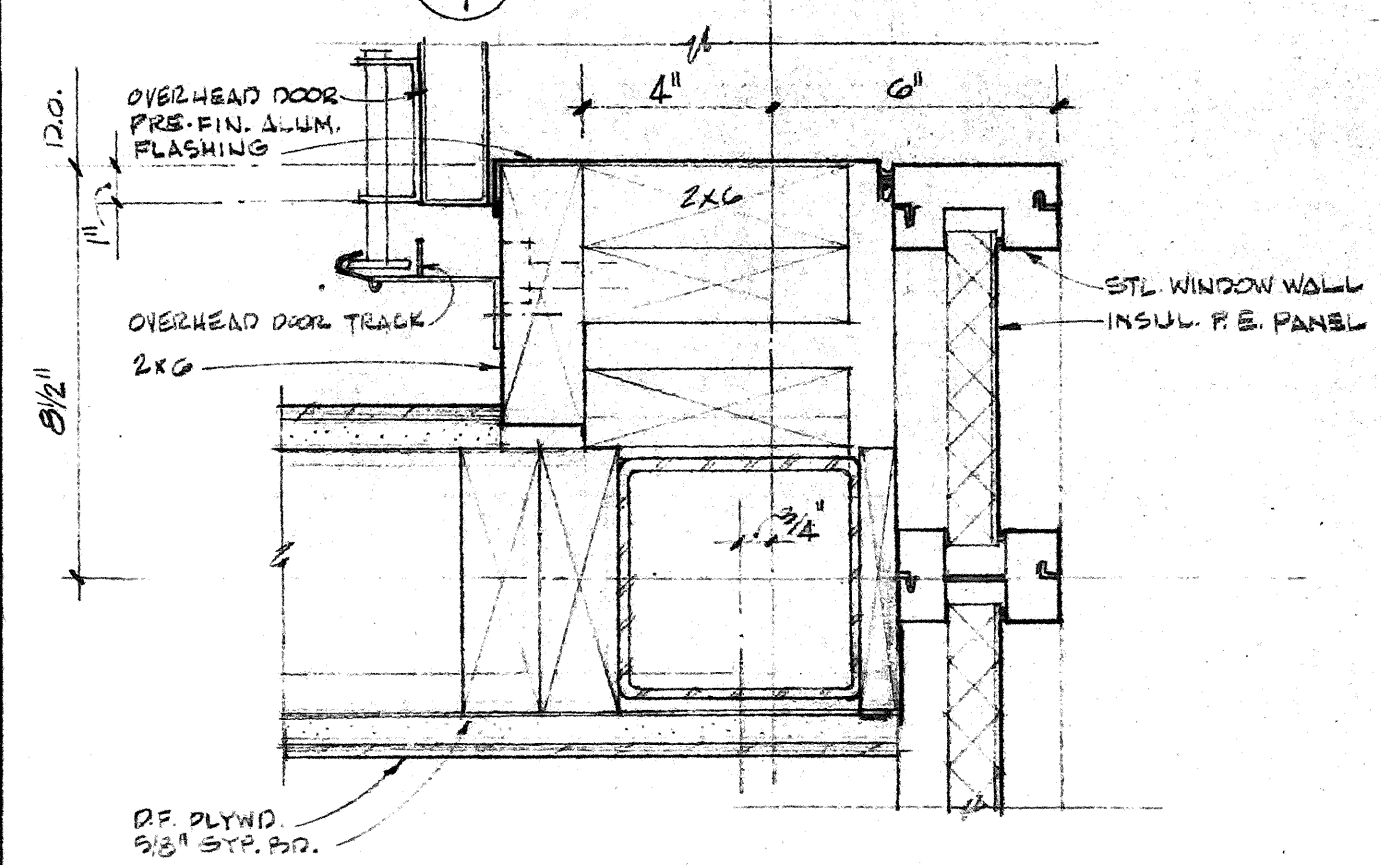
3 SOUTH ELEVATION - COURT 1/8" = 1'-0"



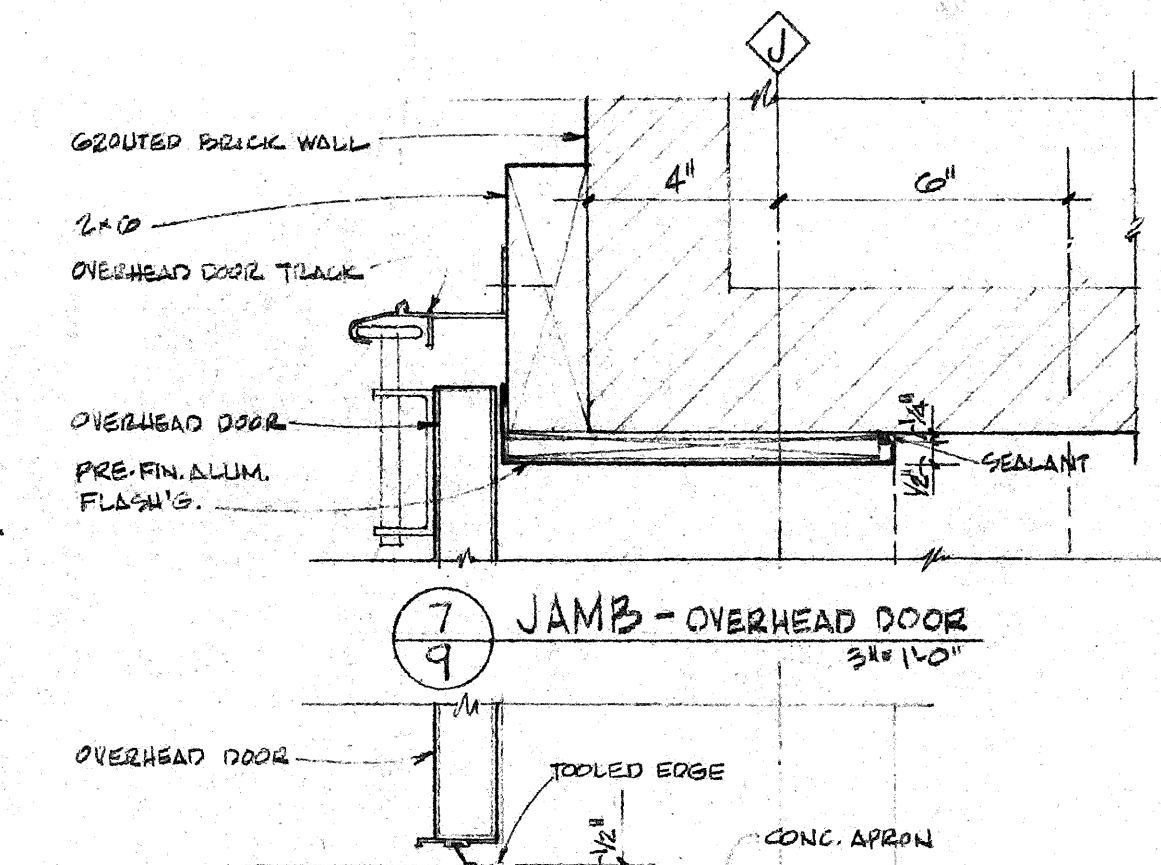
4 WEST ELEVATION - COURT 1/8" = 1'-0"



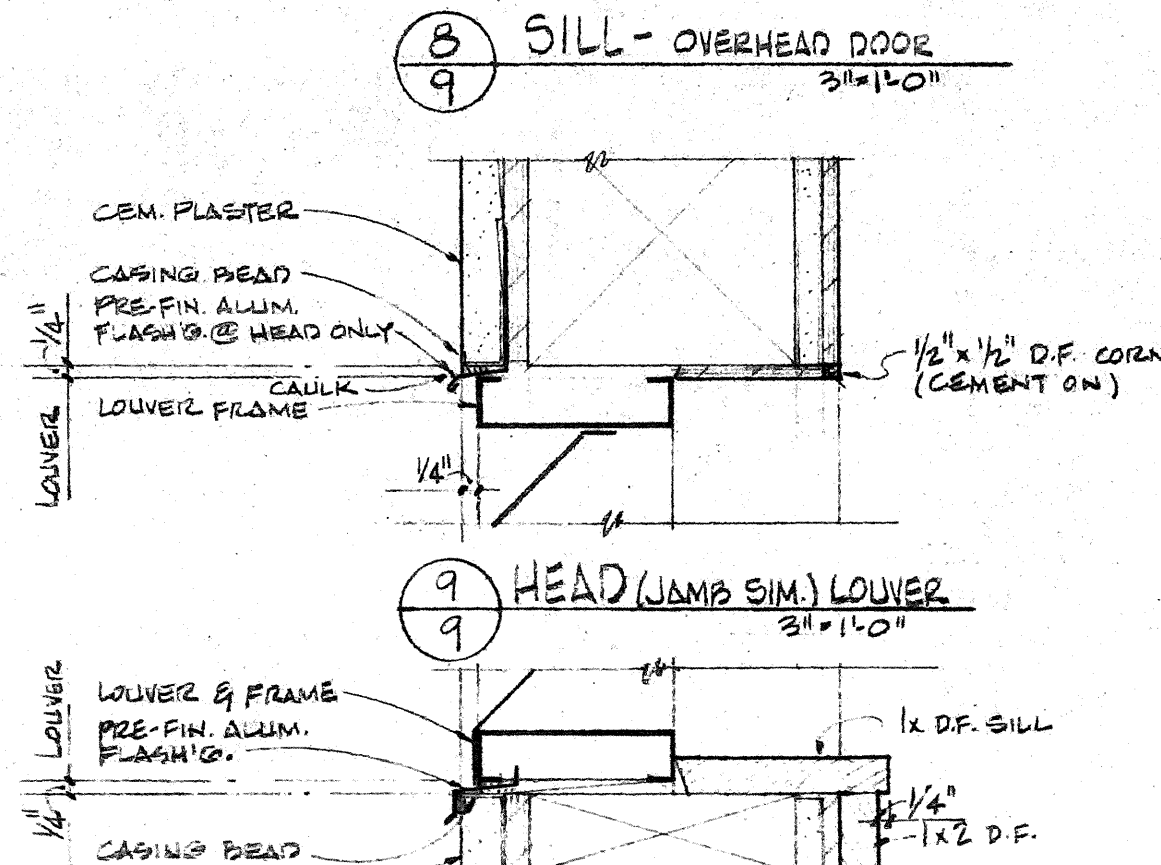
5 HEAD - OVERHEAD DOOR 3'-11 1/2" x 1'-0"



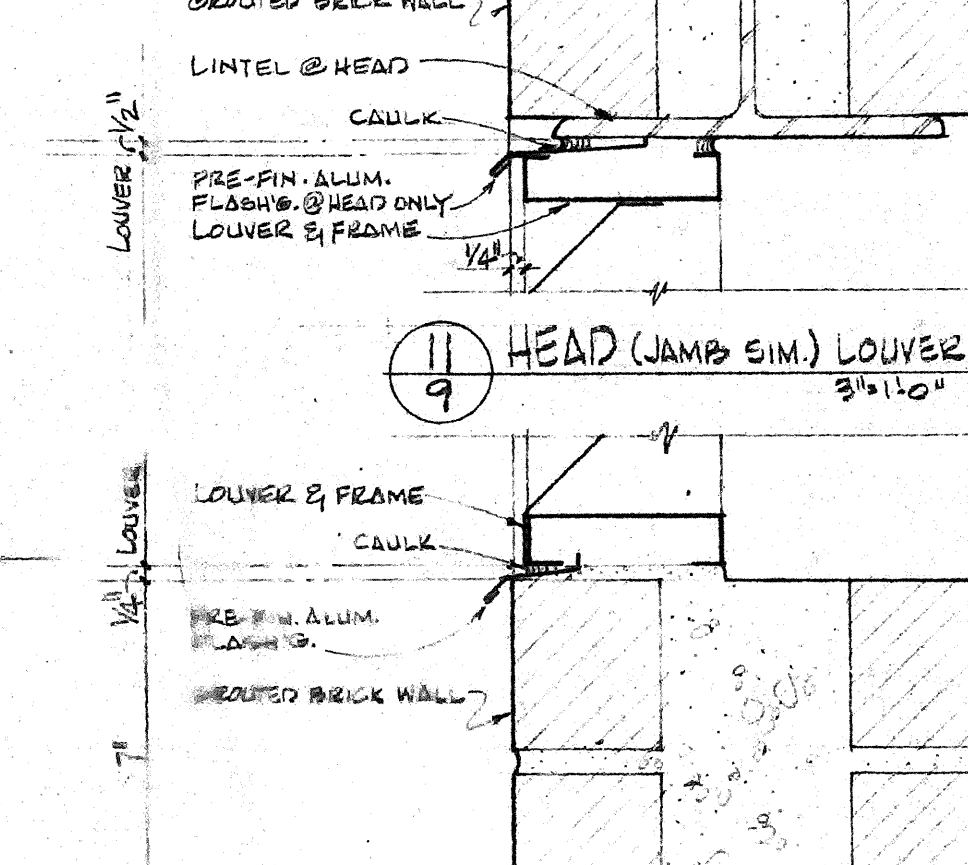
6 JAMB - OVERHEAD DOOR 3'-11 1/2" x 1'-0"



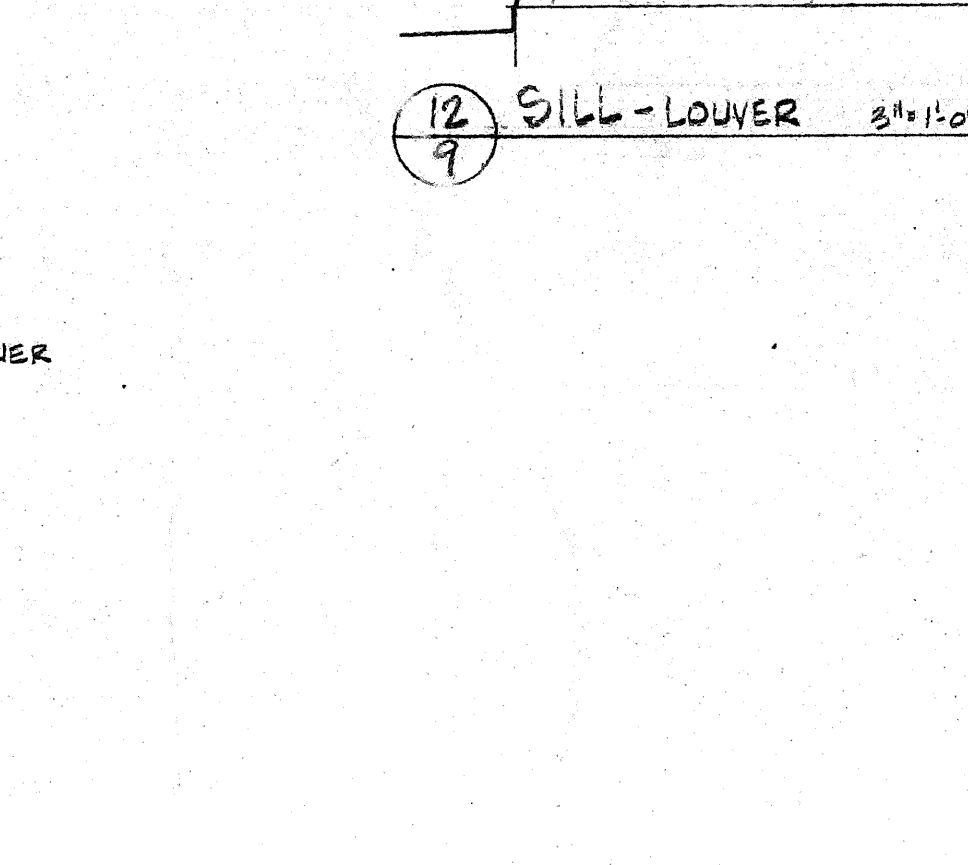
7 JAMB - OVERHEAD DOOR 3'-11 1/2" x 1'-0"



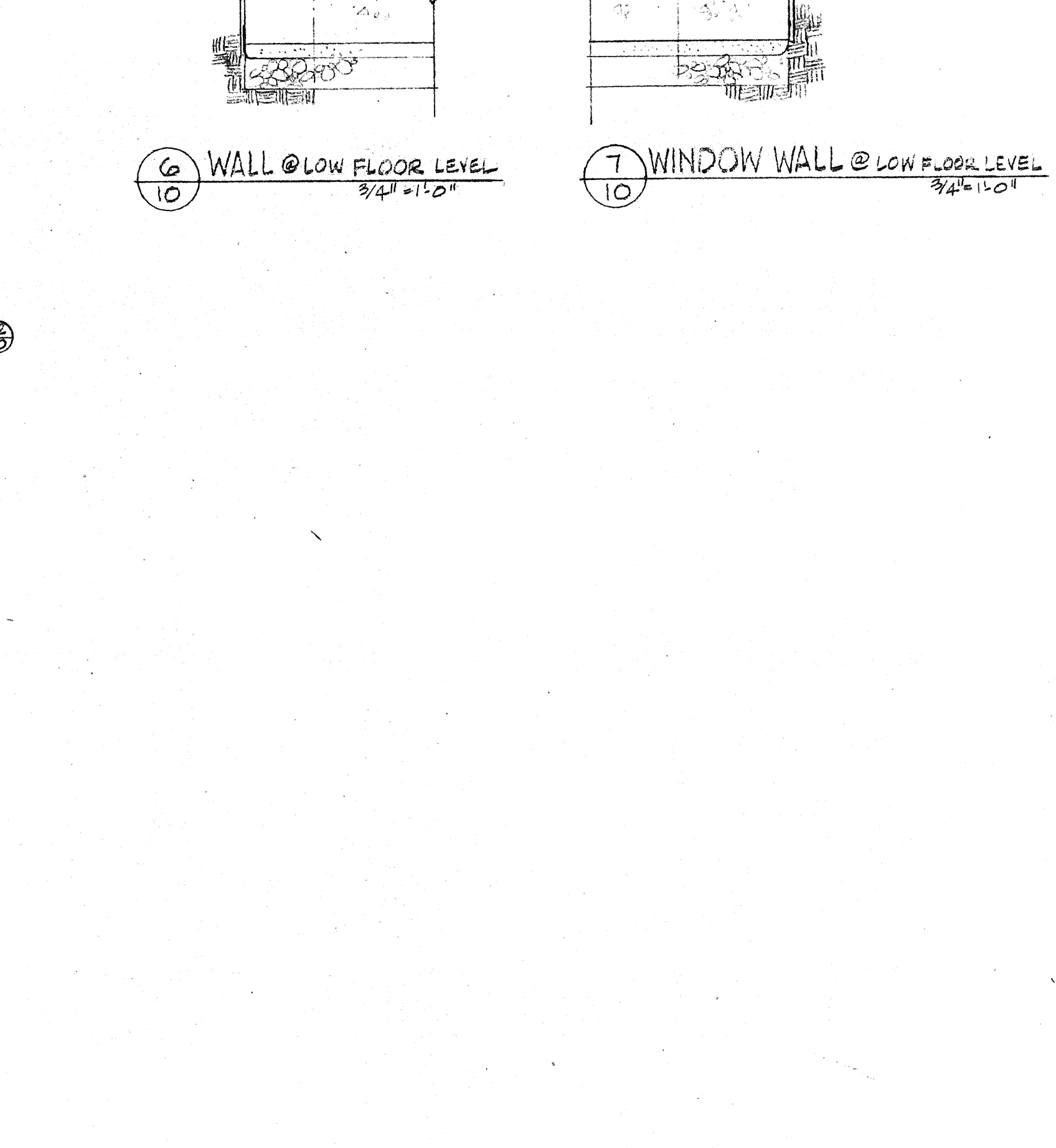
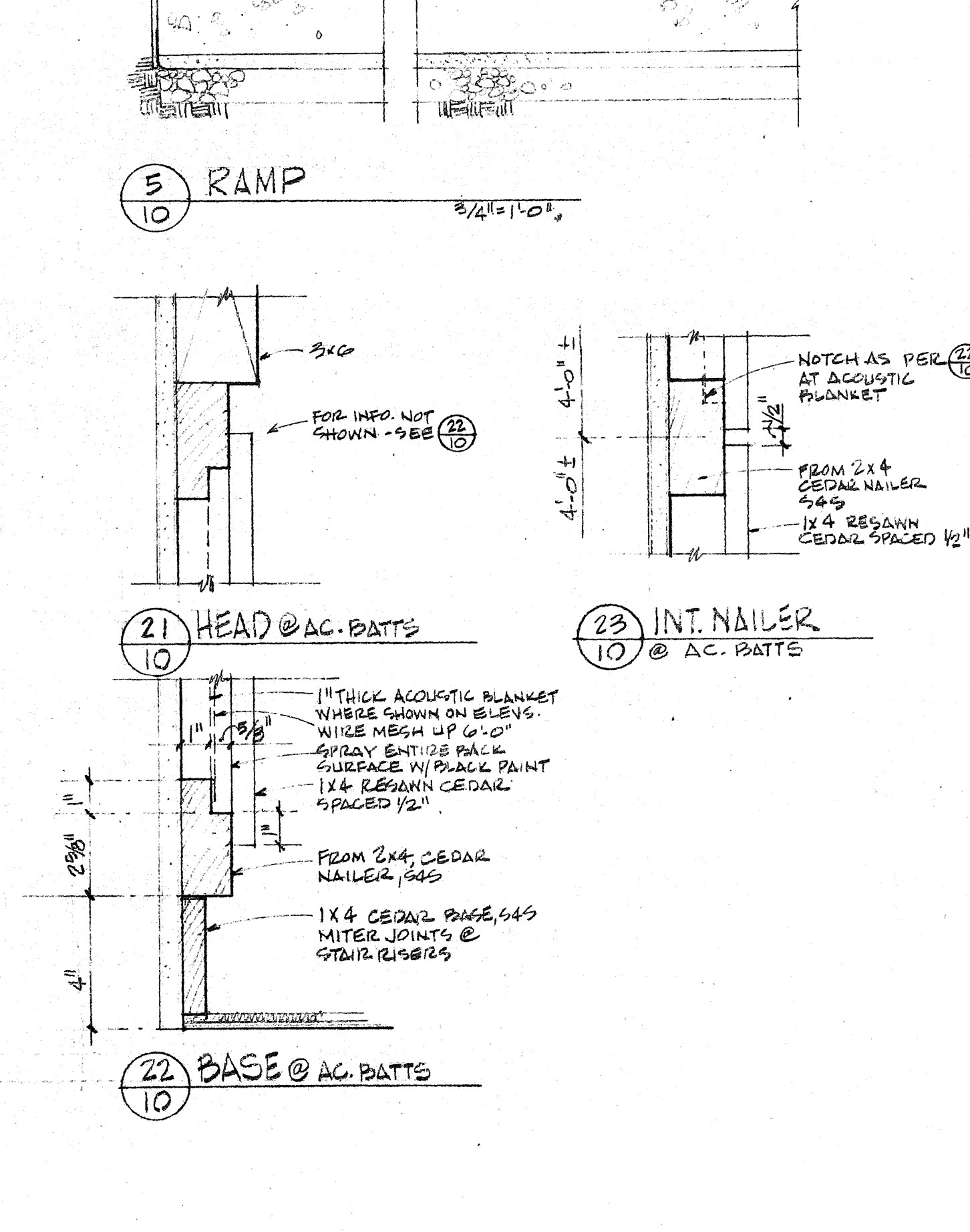
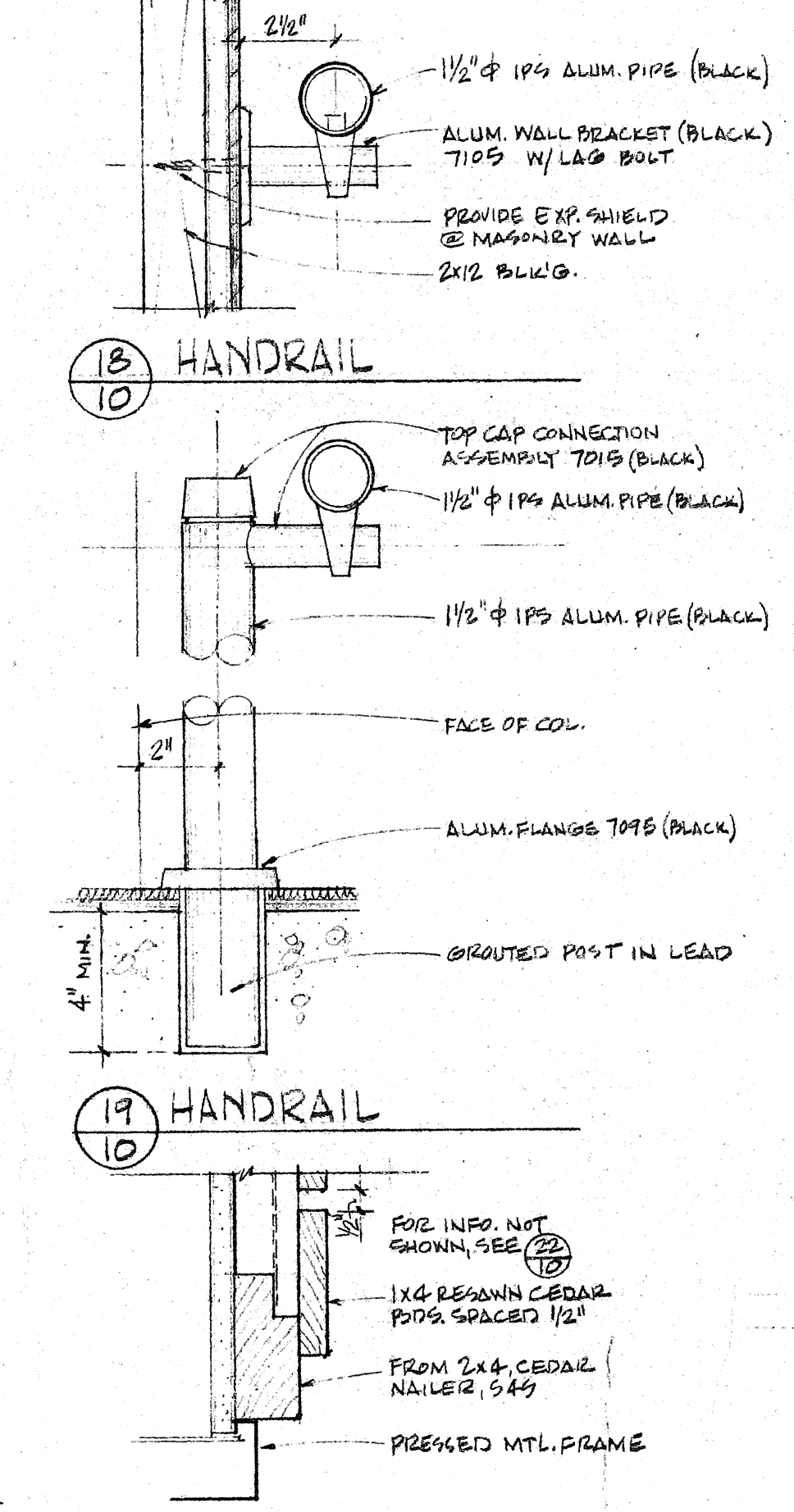
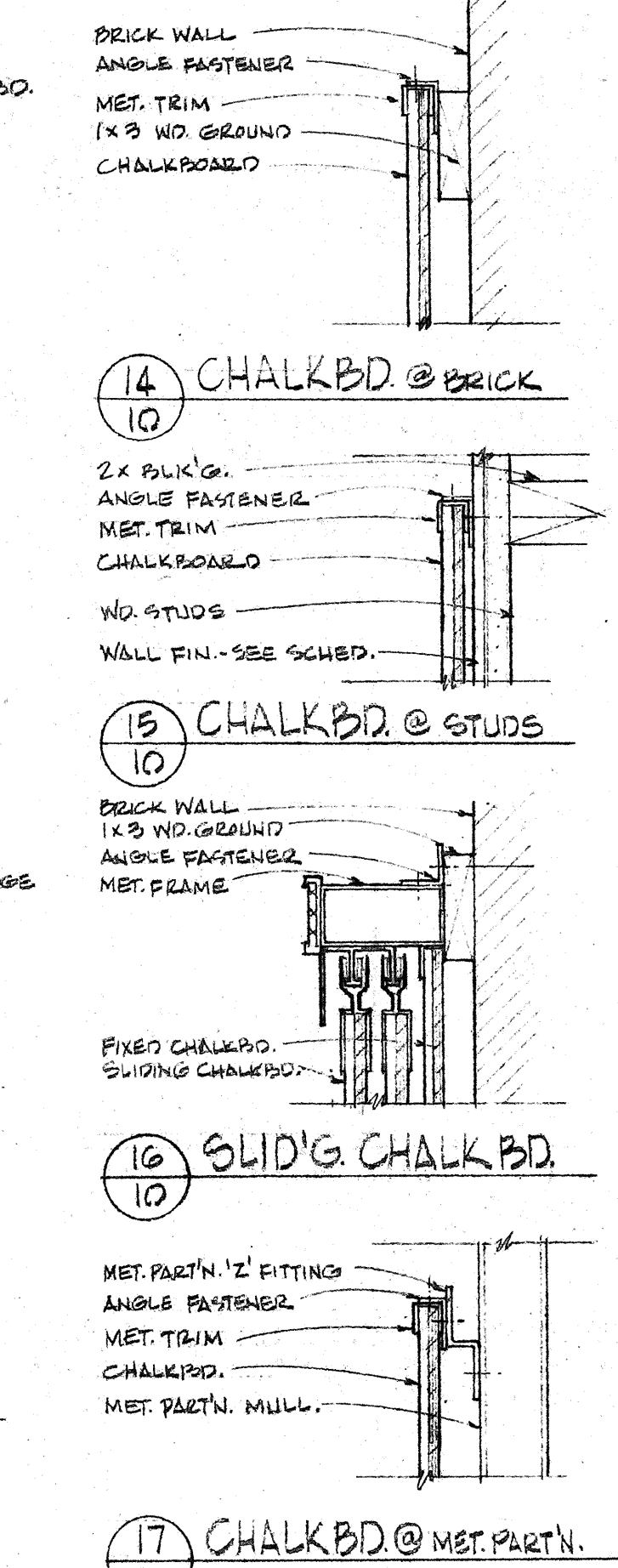
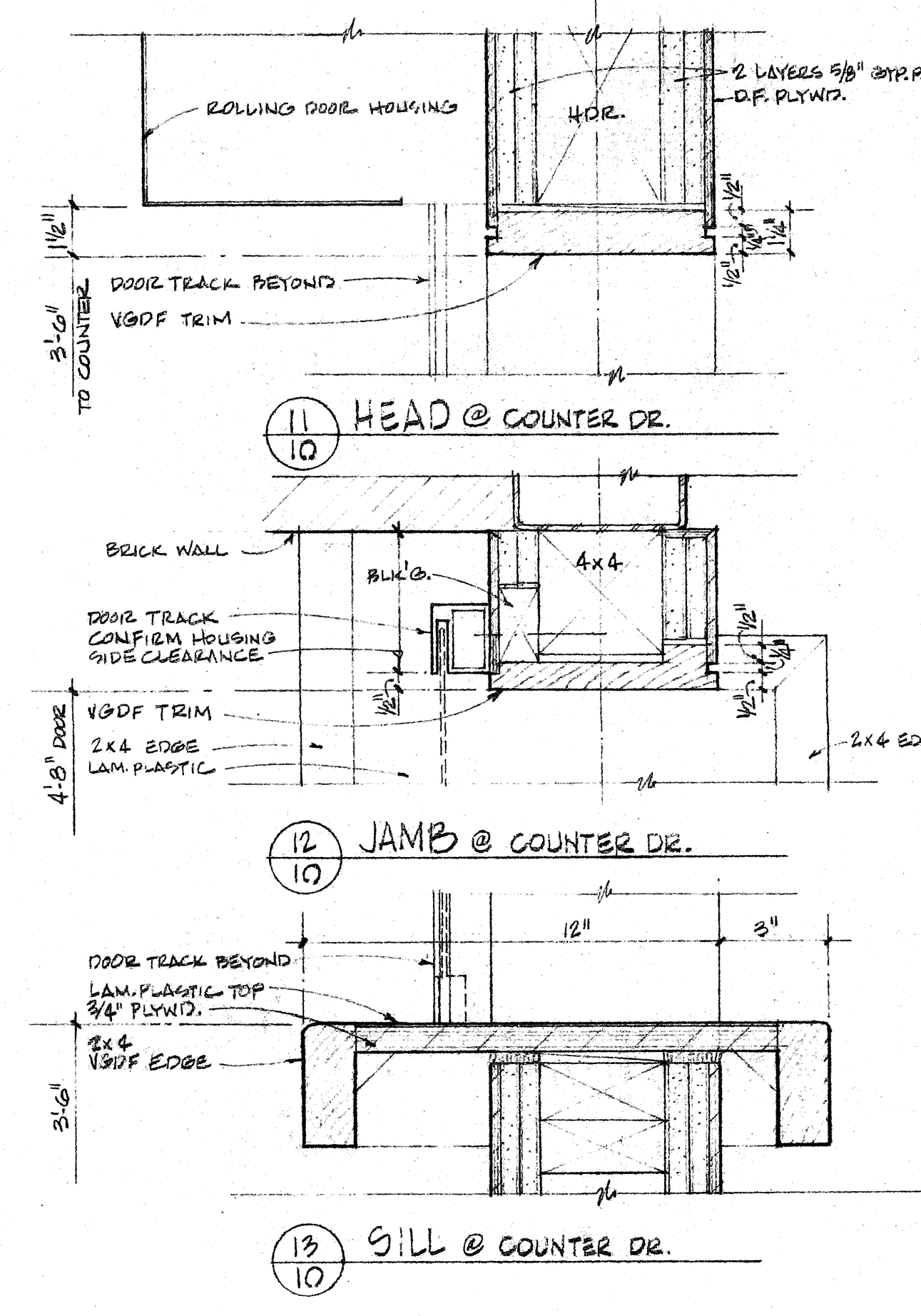
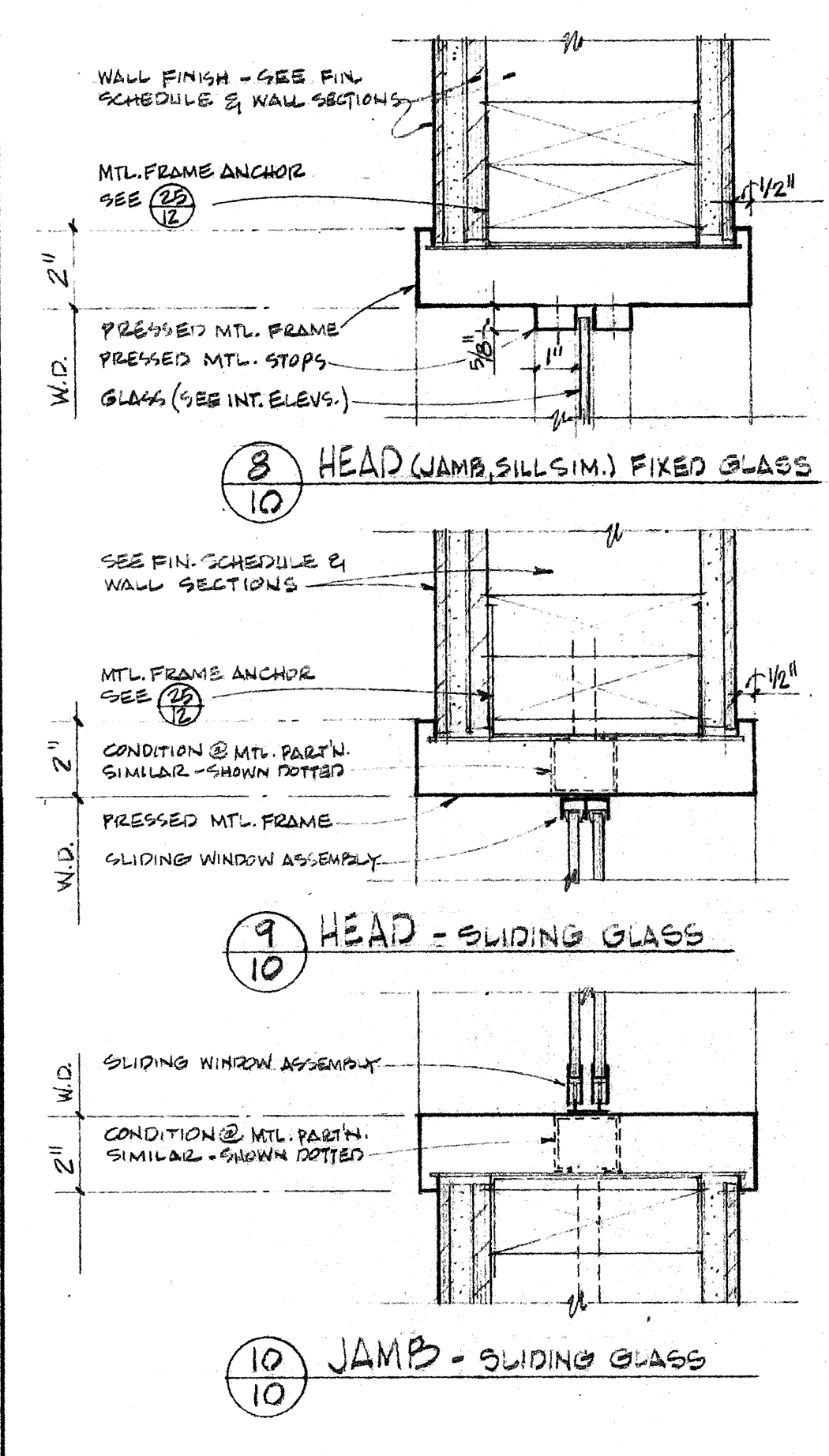
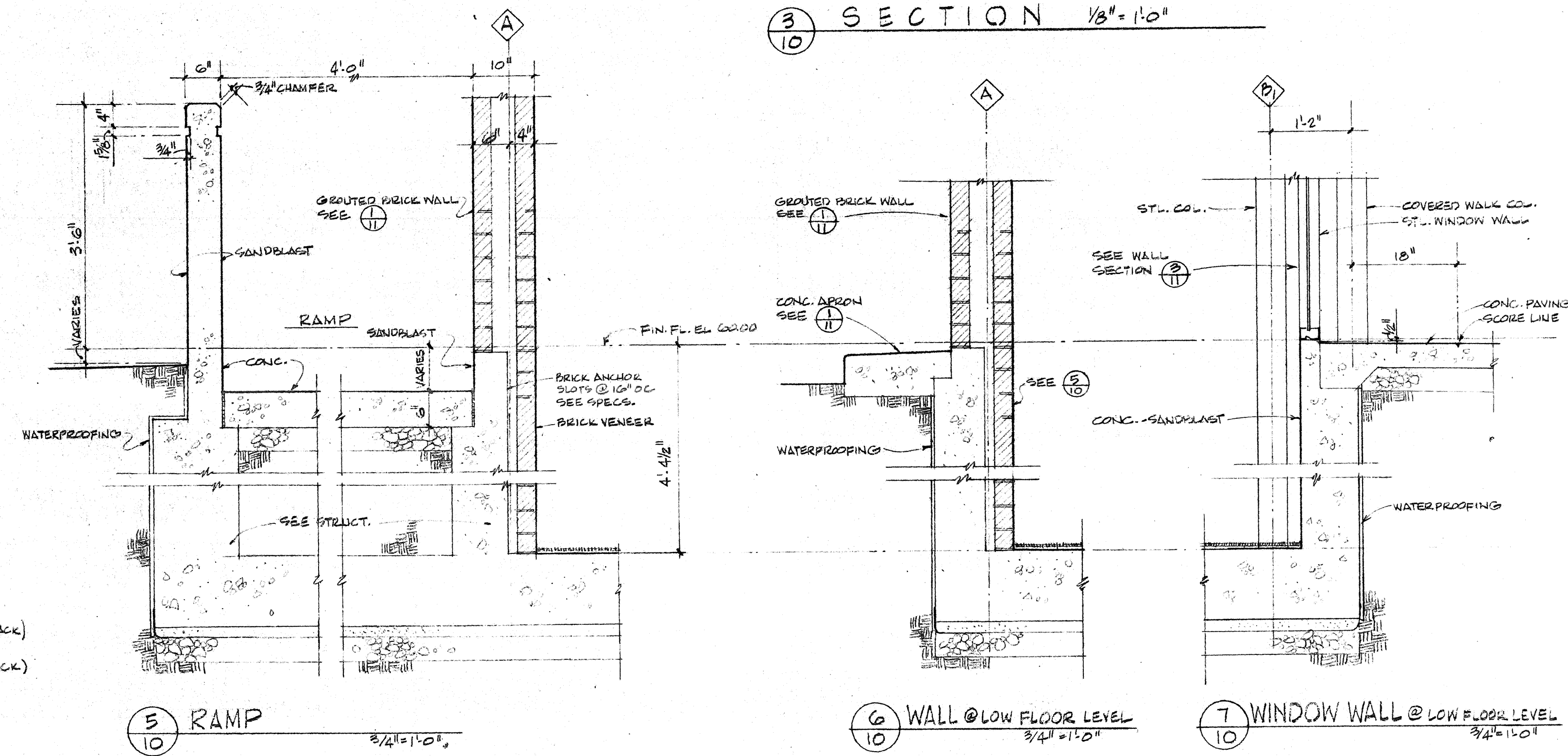
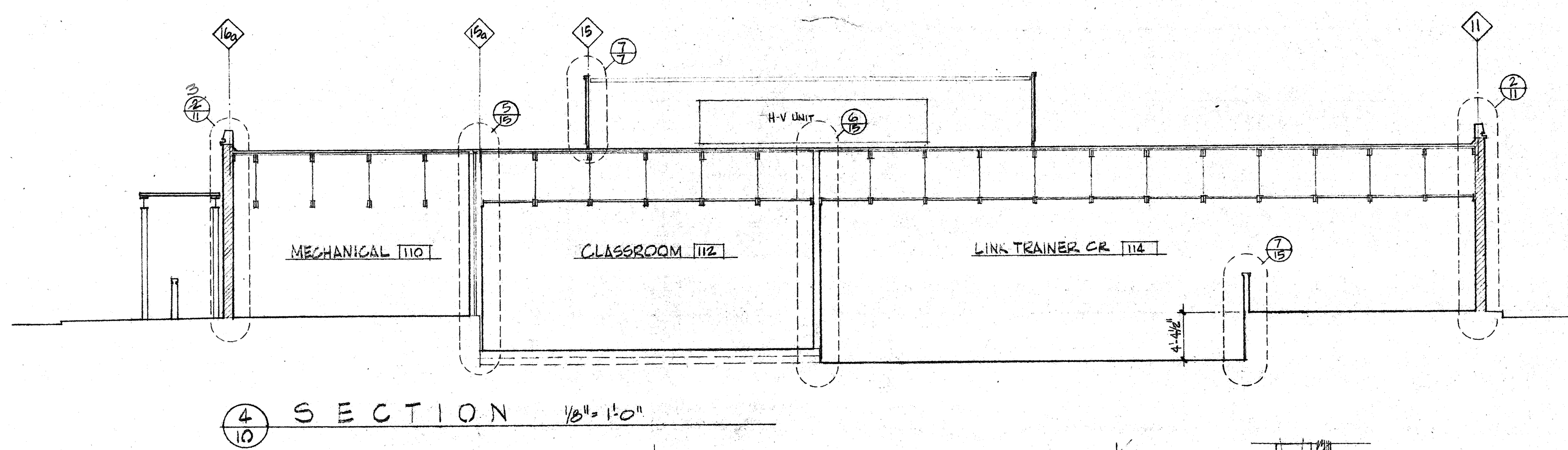
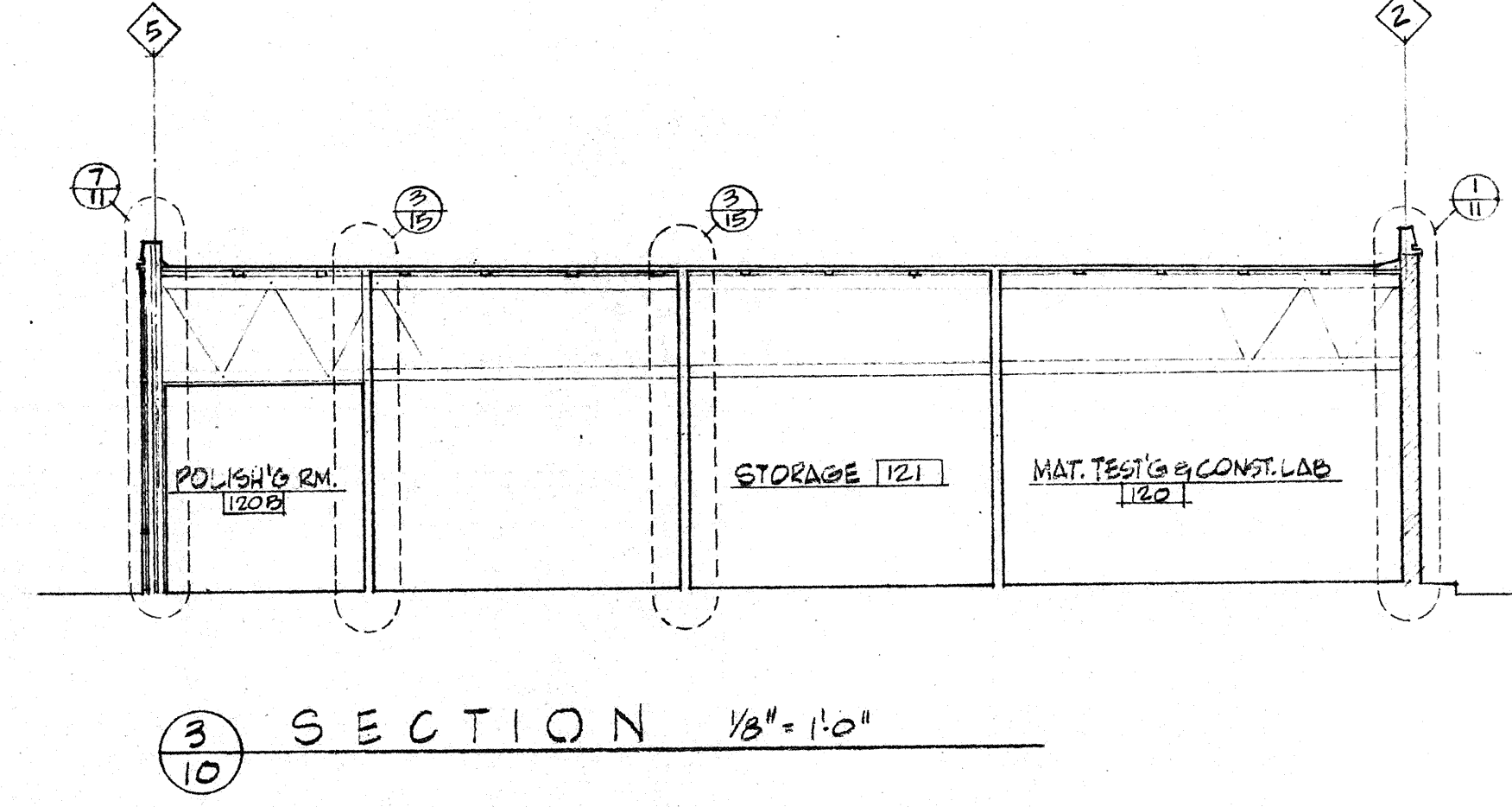
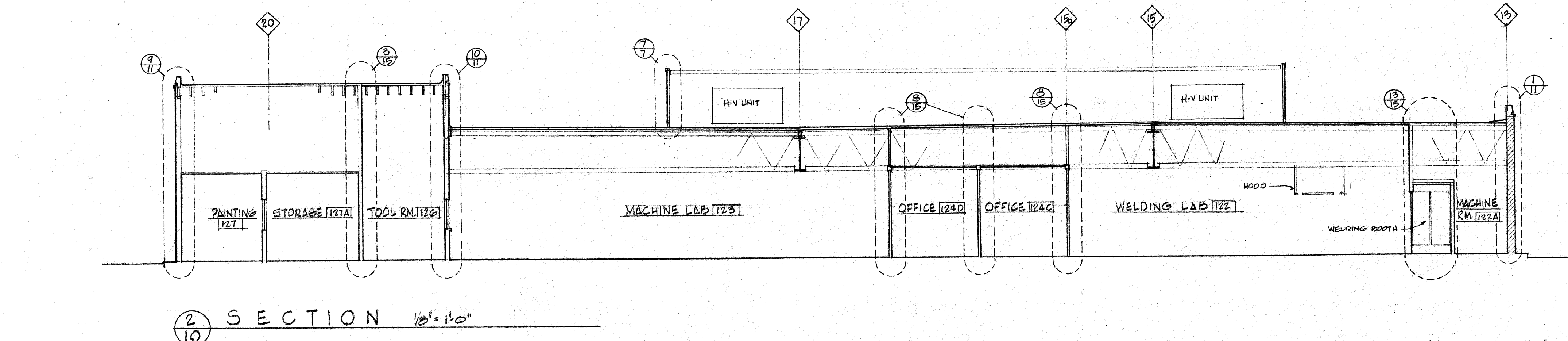
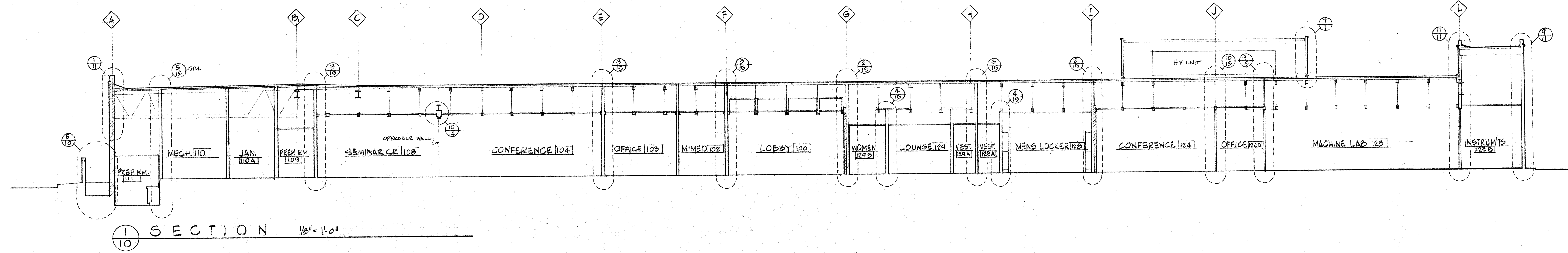
8 SILL - OVERHEAD DOOR 3'-11 1/2" x 1'-0"



9 HEAD (JAMB SIM) LOUVER 3'-11 1/2" x 1'-0"



10 SILL - LOUVER 3'-11 1/2" x 1'-0"



ARCHITECT: **COMETA AND SOOTAR**
 1015 W. 10TH AVE., RICHMOND, CALIF. 94804
 415-771-1111
 ARCHITECT: **COMETA AND SOOTAR**
 1015 W. 10TH AVE., RICHMOND, CALIF. 94804
 415-771-1111

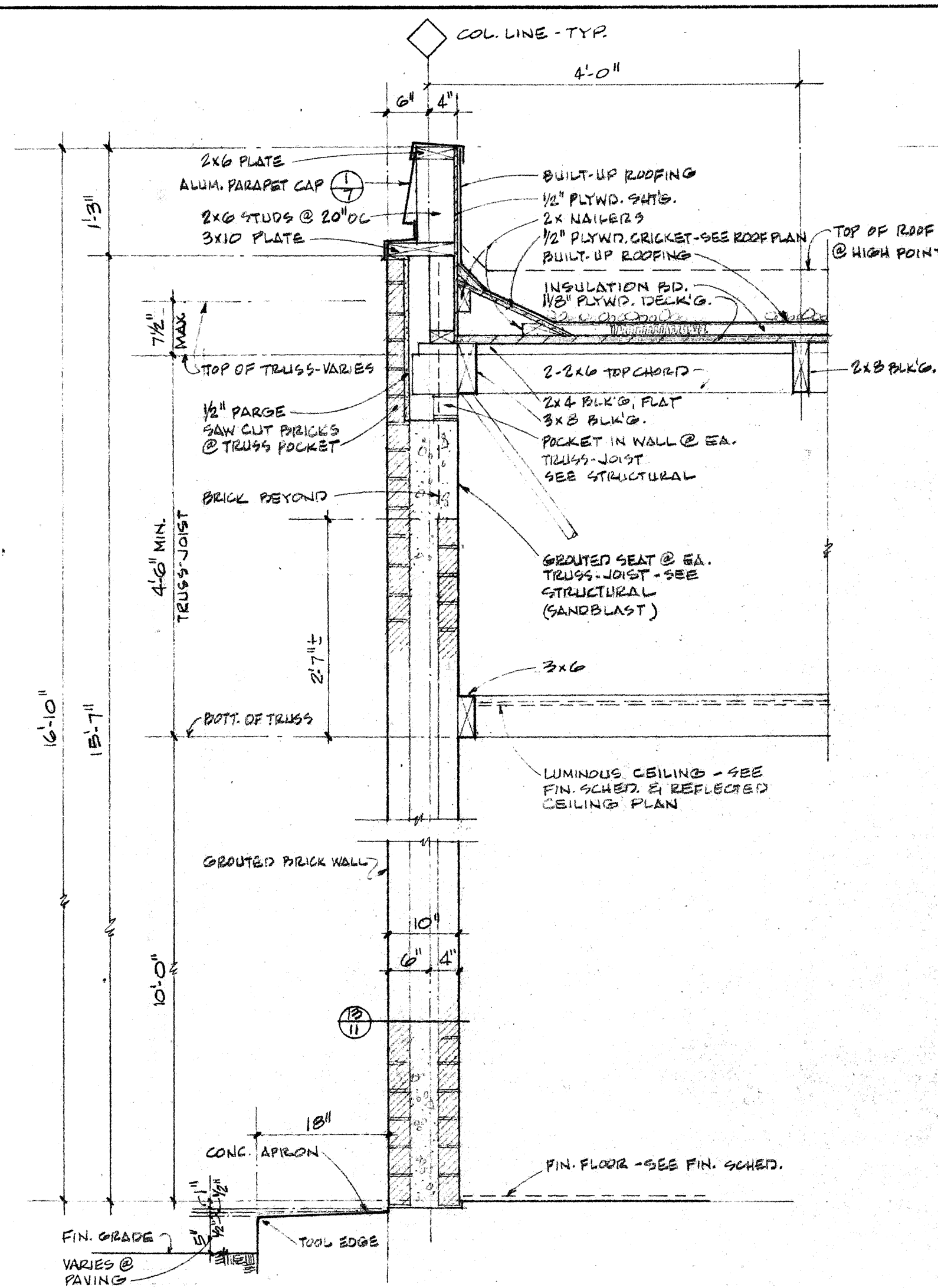
APPROVED: **STATE FIRE MARSHAL**
 STATE OF CALIFORNIA
 32247 APPROVED 01-3-1993
 DATE: 1-3-1993
 PROJECT: **TECHNICAL - VOCATIONAL FACILITY**
 (ENGINEERING - TECHNOLOGY CENTER)
 DIABLO VALLEY COLLEGE DISTRICT
 CONTRA COSTA JUNIOR COLLEGE DISTRICT
 PLEASANT HILL, CALIFORNIA

COMETA AND SOOTAR
 1015 W. 10TH AVE., RICHMOND, CALIF. 94804
 415-771-1111
 ARCHITECT: **COMETA AND SOOTAR**
 1015 W. 10TH AVE., RICHMOND, CALIF. 94804
 415-771-1111

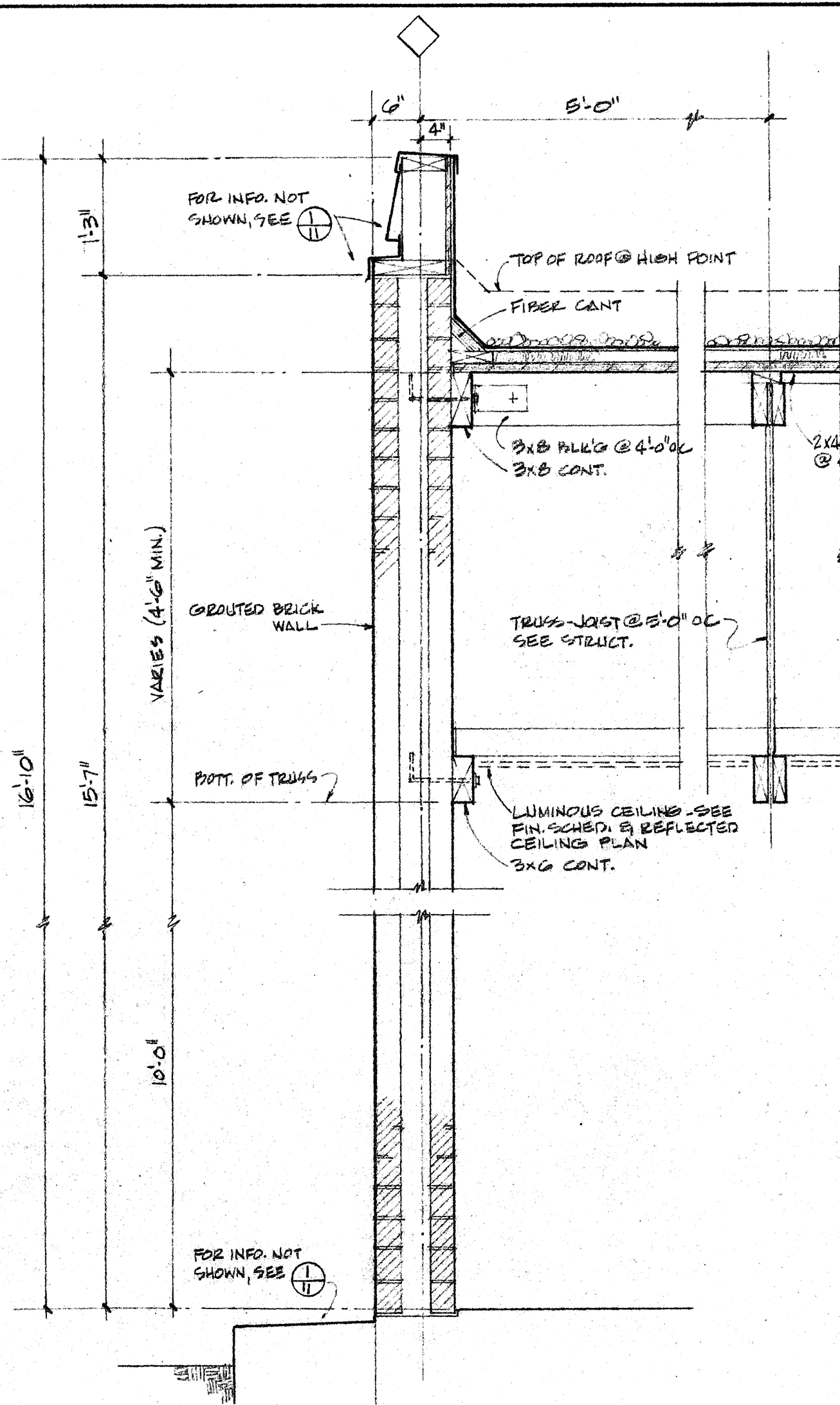
COMETA AND SOOTAR
 1015 W. 10TH AVE., RICHMOND, CALIF. 94804
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 415-771-1111

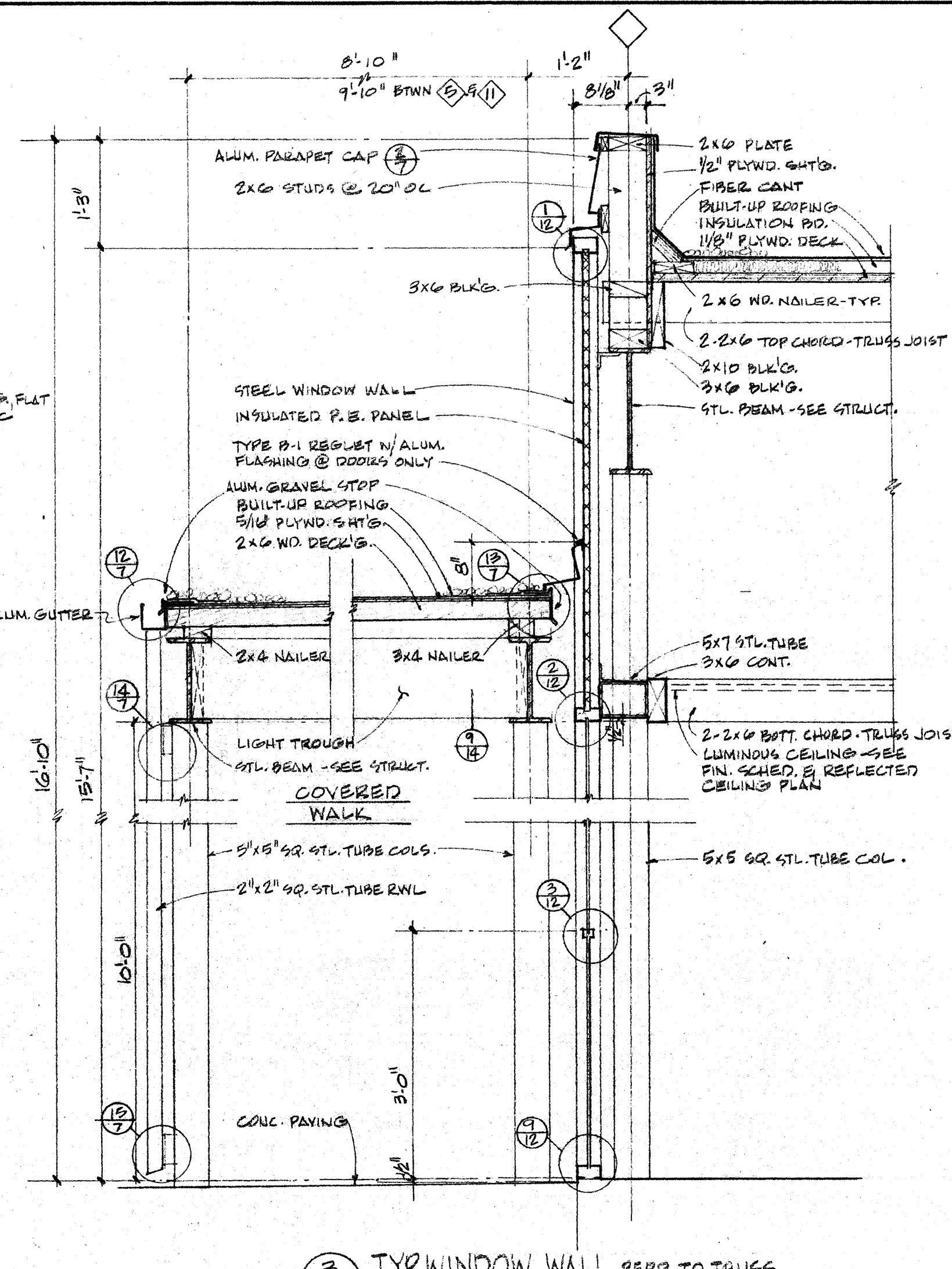
COMETA AND SOOTAR
 1015 W. 10TH AVE., RICHMOND, CALIF. 94804
 415-771-1111
 ARCHITECT: **COMETA AND SOOTAR**
 1015 W. 10TH AVE., RICHMOND, CALIF. 94804
 415-771-1111



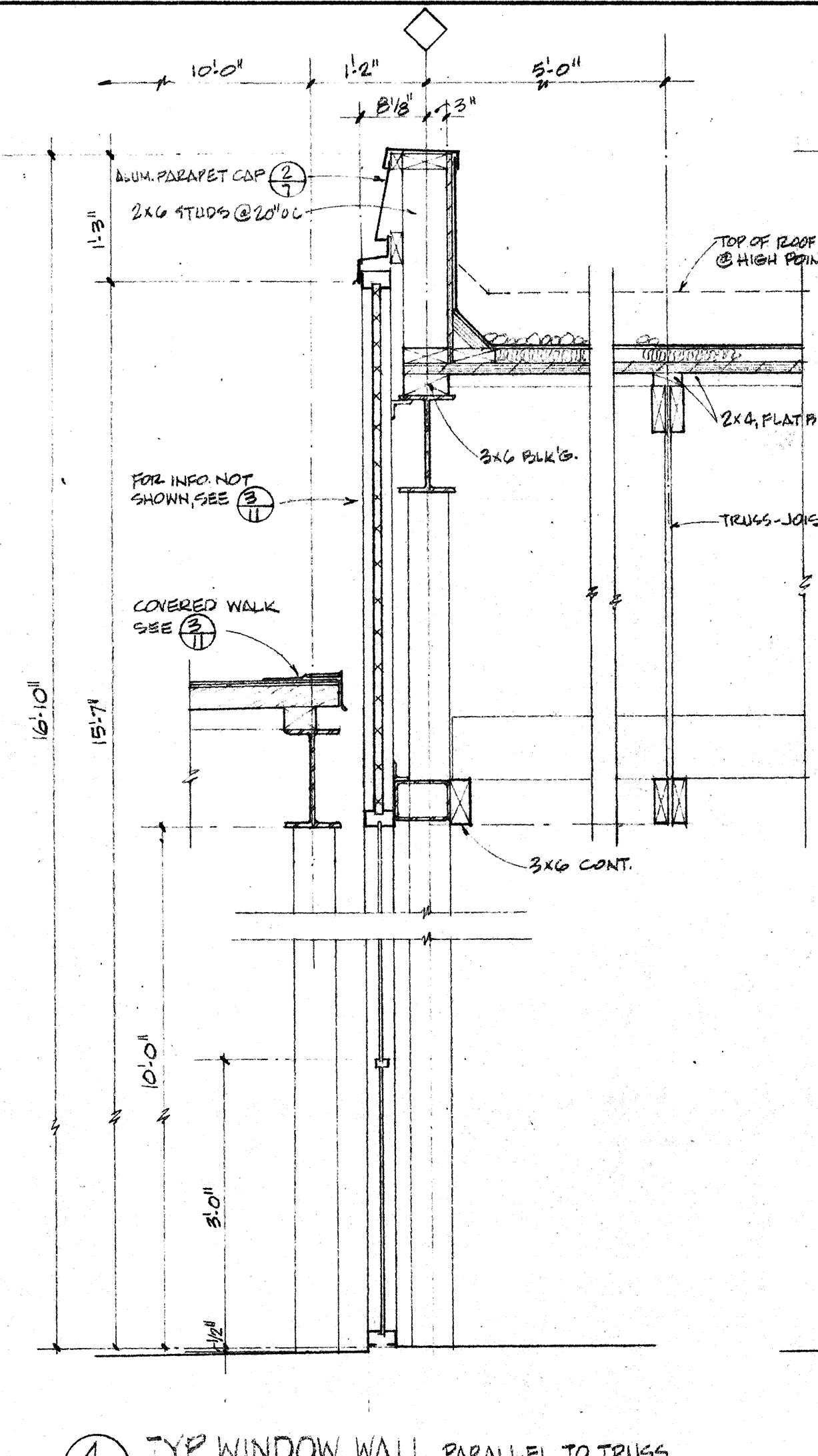
1 TYP. BRICK WALL PERPENDICULAR TO TRUSS



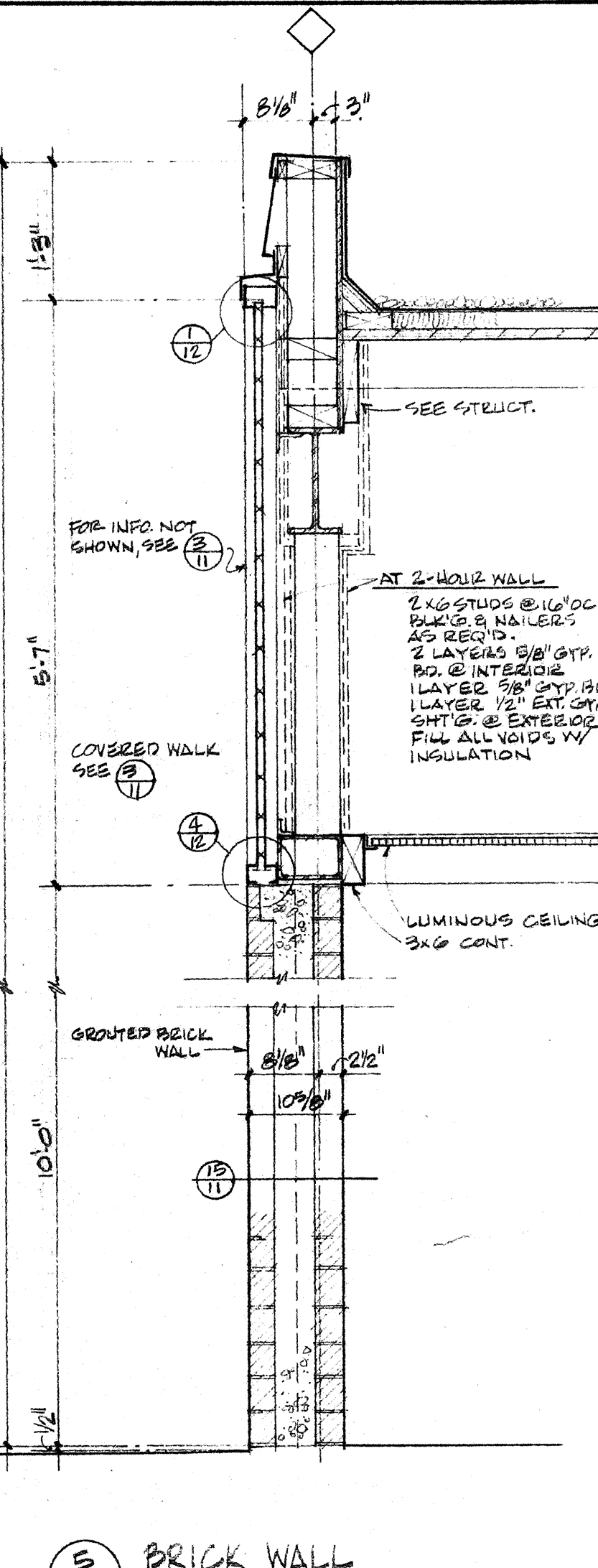
2 TYP. BRICK WALL PARALLEL TO TRUSS



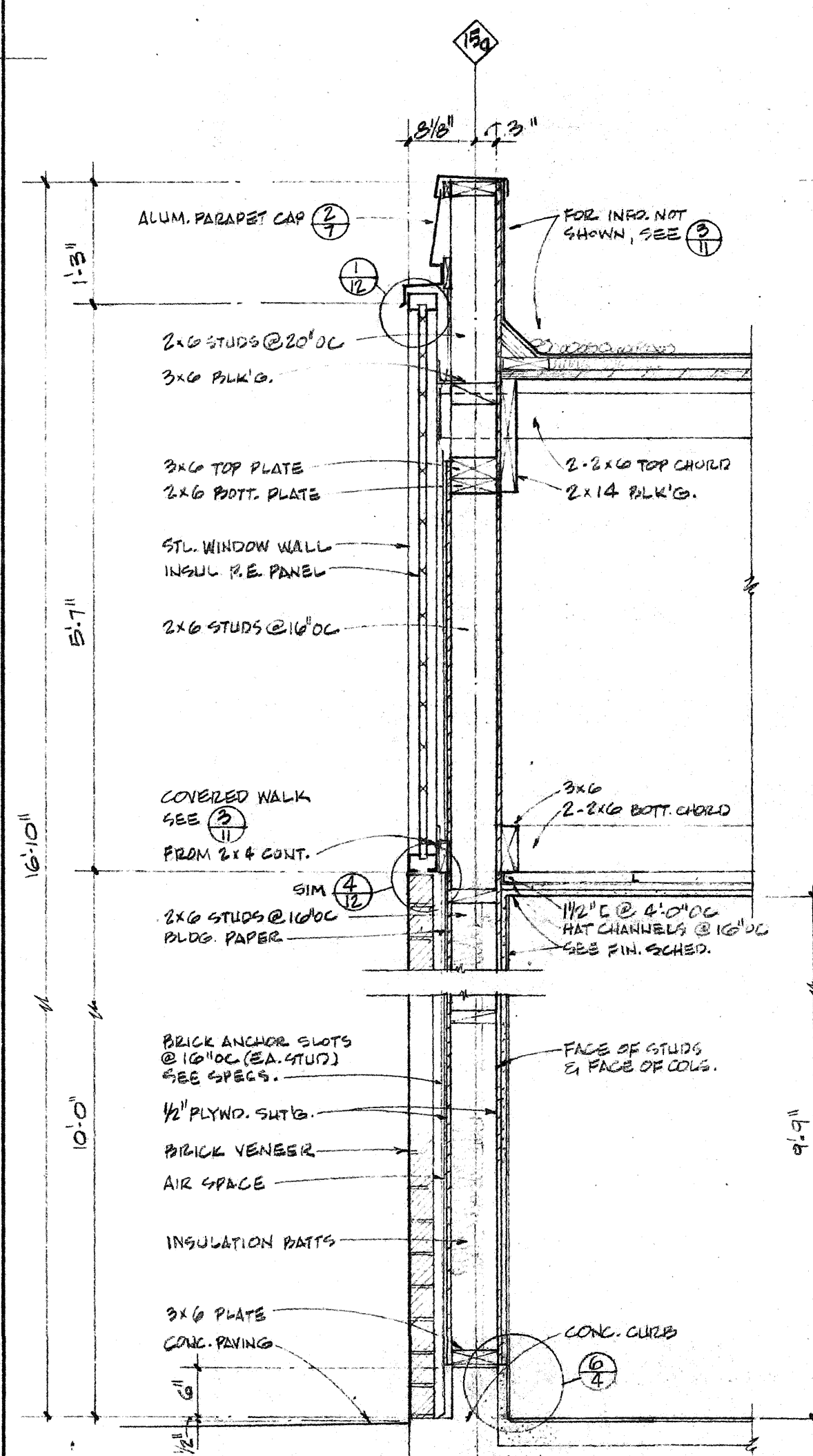
3 TYP. WINDOW WALL PERP. TO TRUSS



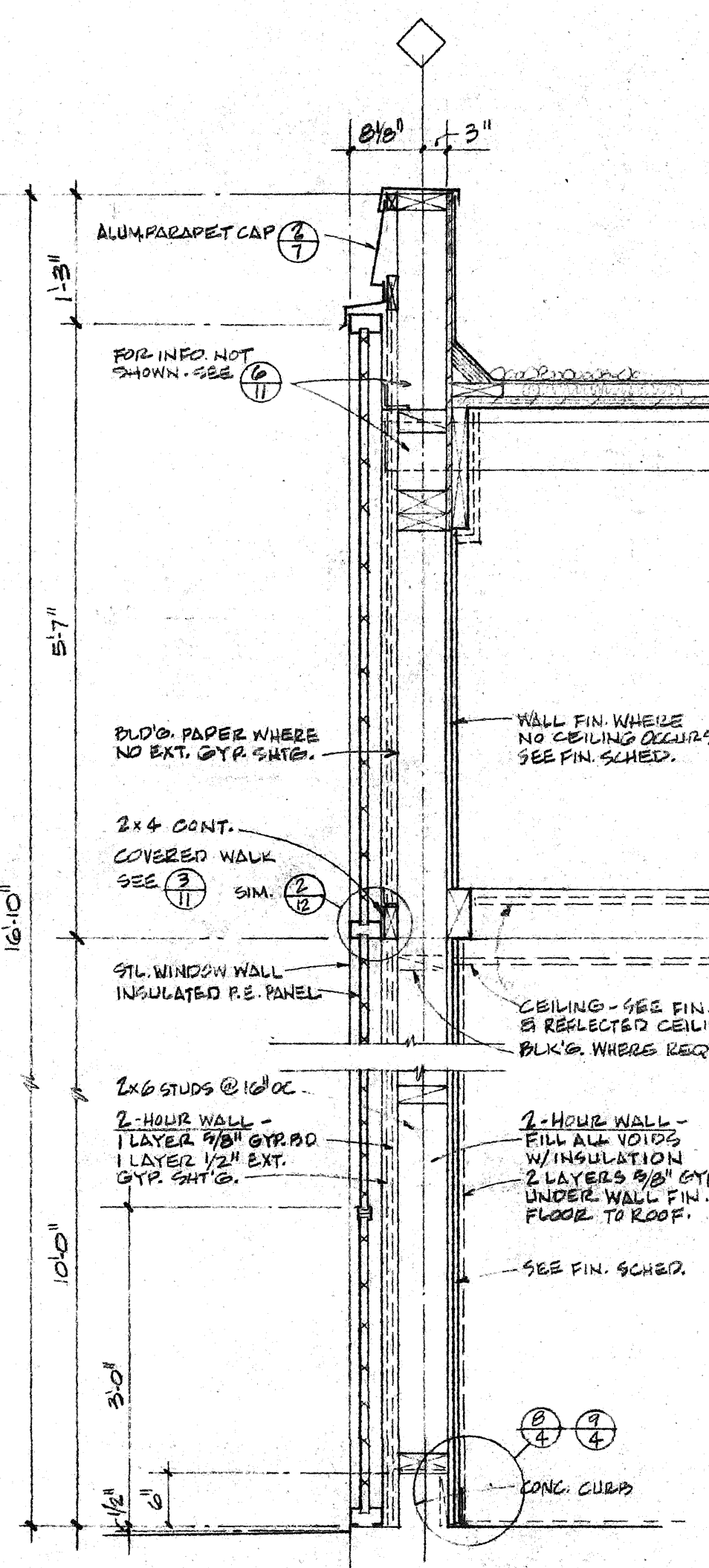
4 TYP. WINDOW WALL PARALLEL TO TRUSS



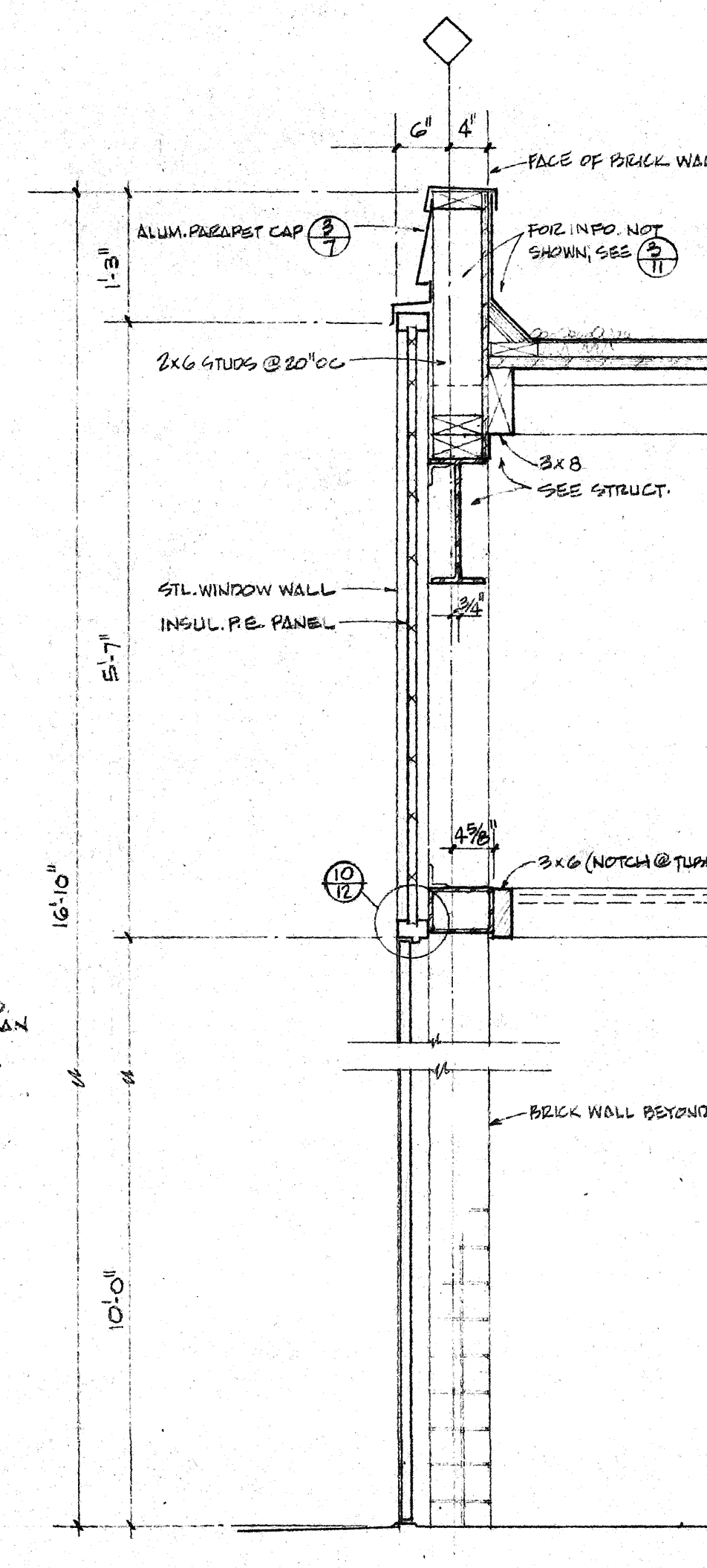
5 BRICK WALL



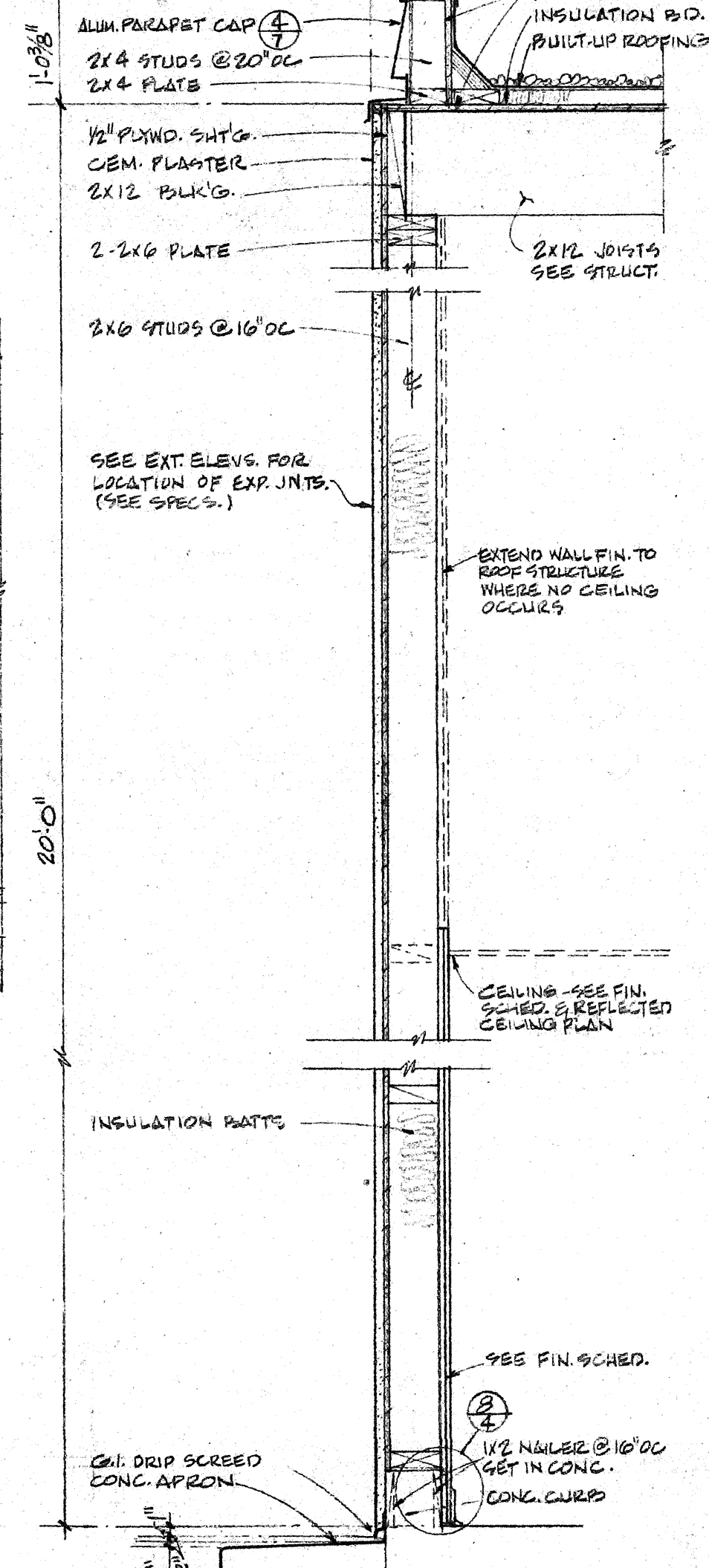
6 BRICK VENEER WALL



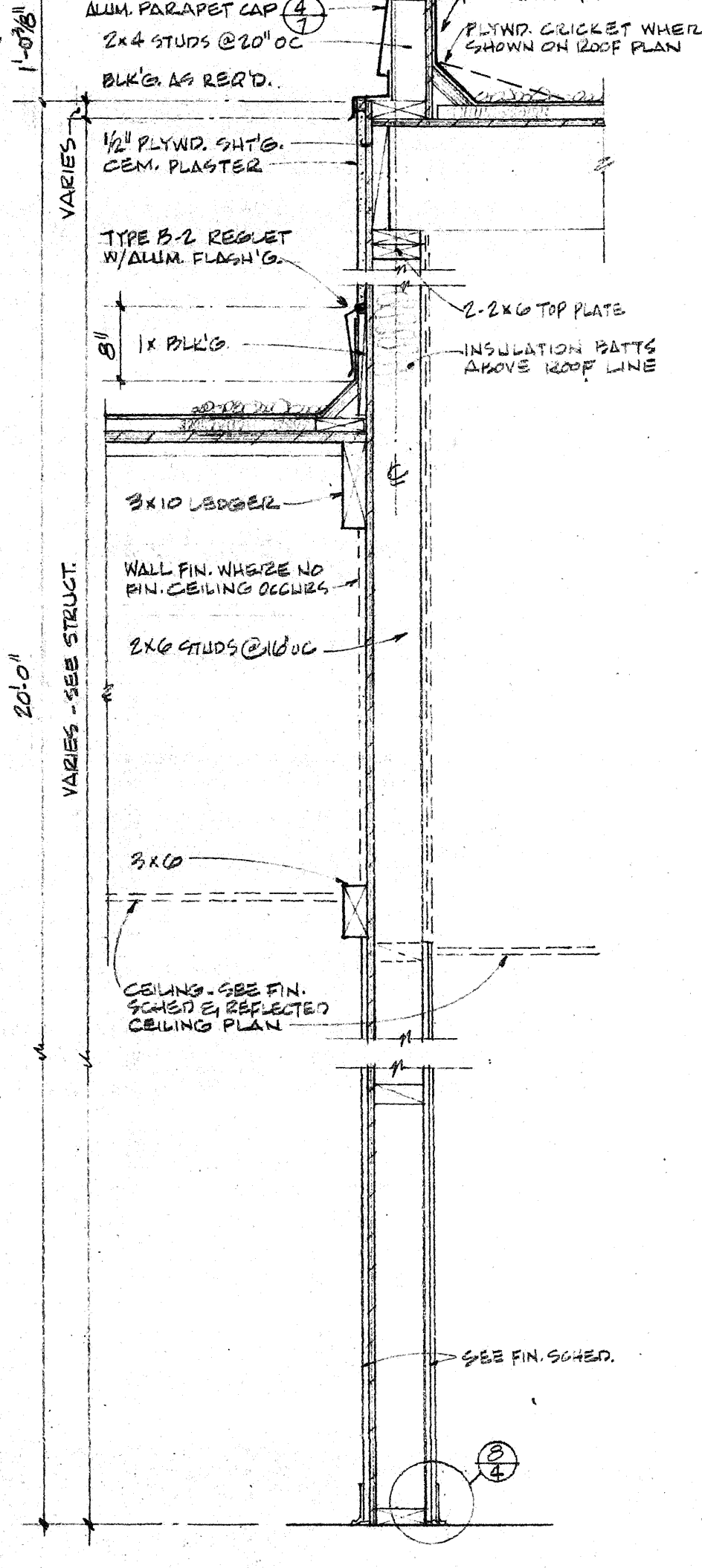
7 WINDOW WALL @ STUDS



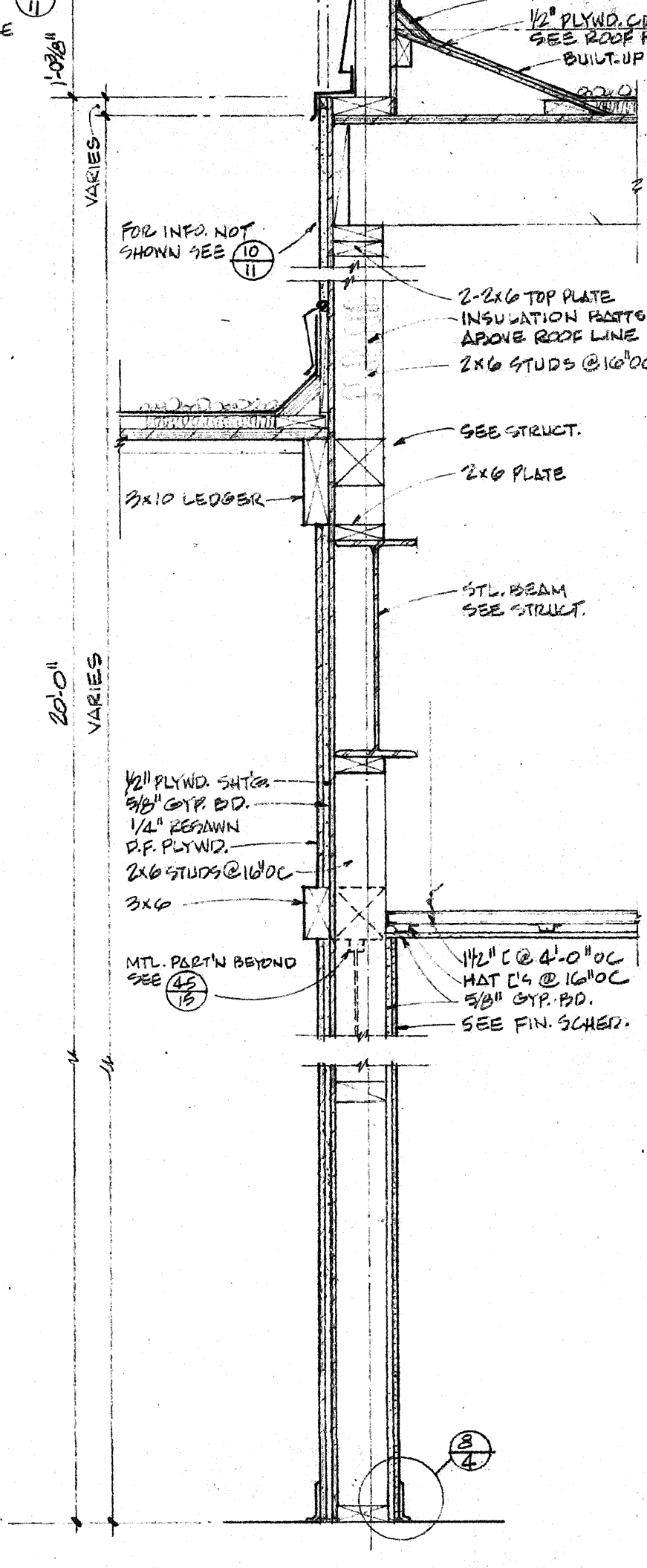
8 WINDOW WALL



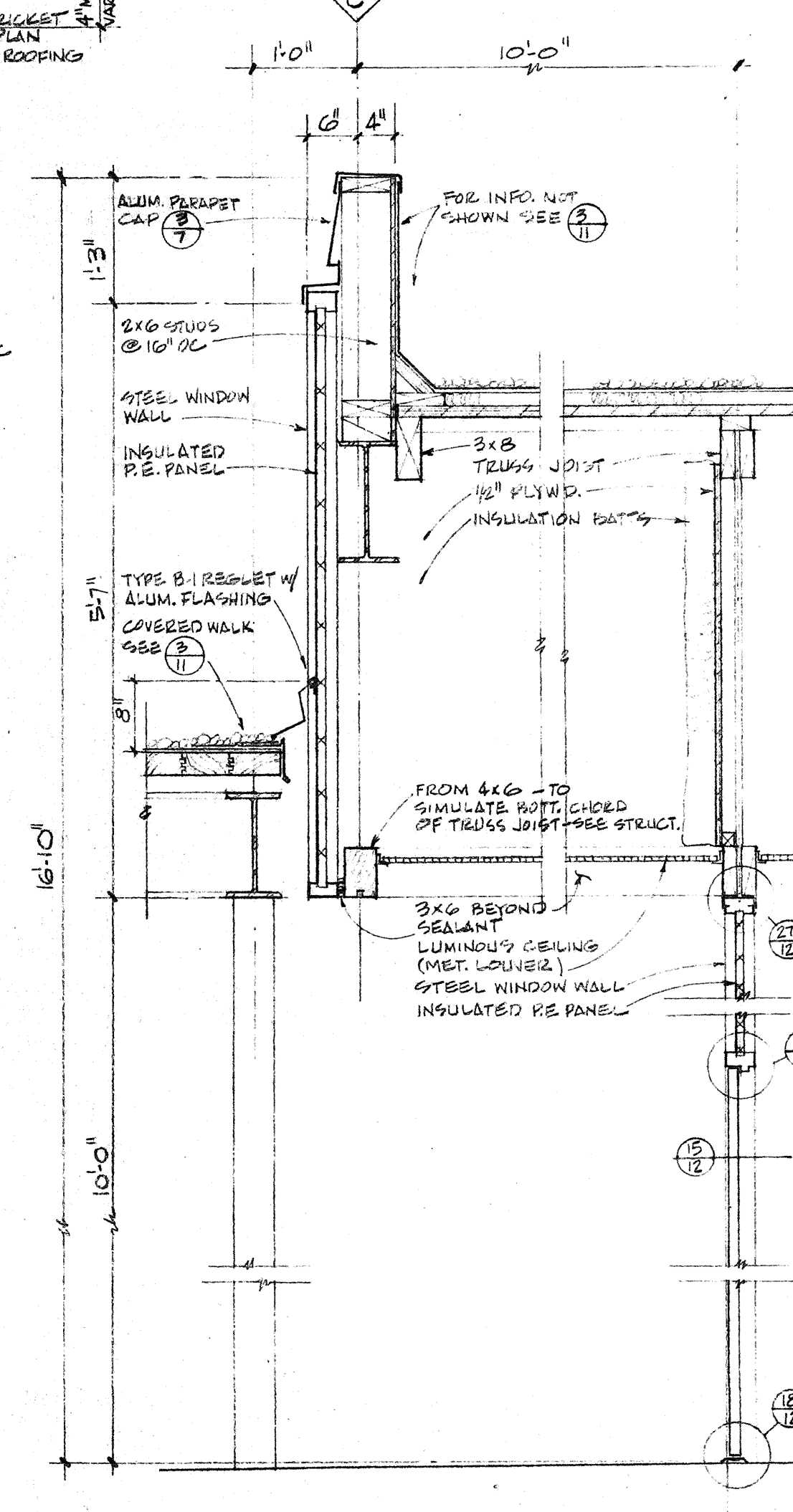
9 WOOD STUD WALL



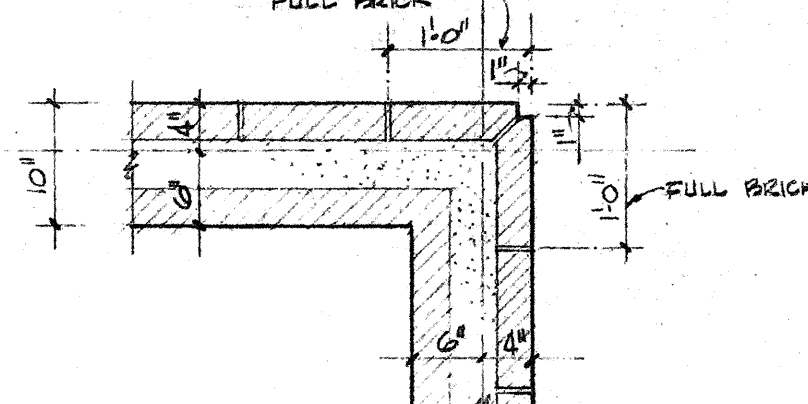
10 LOW TO HIGH ROOF



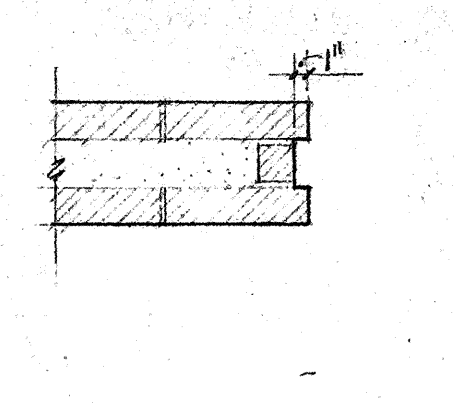
11 LOW TO HIGH ROOF



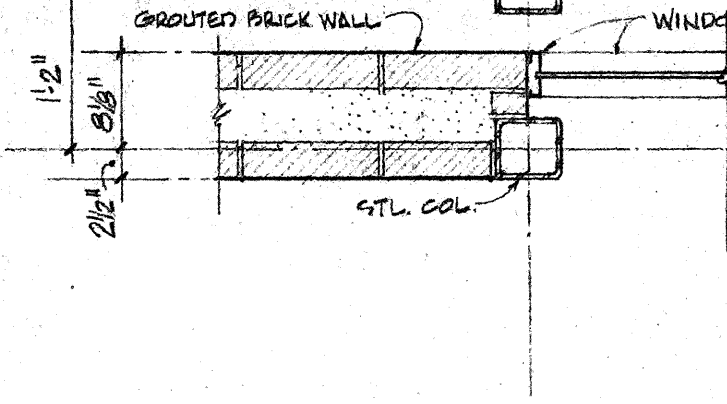
12 ENTRY



13 TYP. BRICK WALL CORNER



14 BRICK WALL END



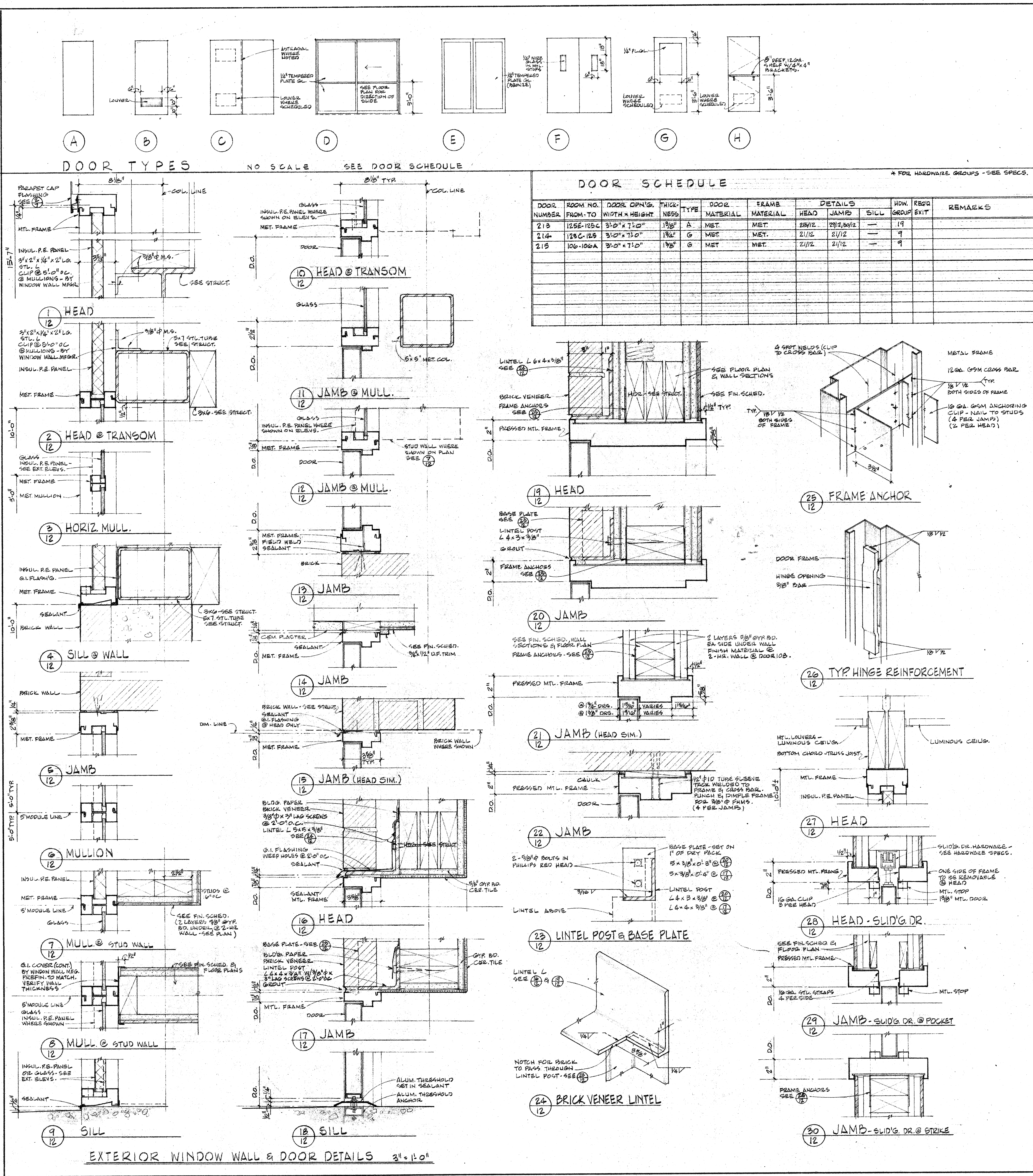
15 BRICK WALL @ COL.

EXTERIOR WALL SECTIONS 3/4" = 1'-0"

C. COMETA AND SONS
ARCHITECTS
1200 CONTRA COSTA BLVD.
CONCORD, CALIF. 94520
TELEPHONE (415) 885-2282
FAX (415) 885-2282
A REGISTERED ARCHITECT ASSOCIATED ARCHITECTS FIRM

EXTERIOR WALL SECTIONS
TECHNICAL - VOCATIONAL FACILITY
(ENGINEERING - TECHNOLOGY CENTER)
DIABLO VALLEY COLLEGE
CONTRA COSTA JUNIOR COLLEGE DISTRICT
PESSENT HILL

SHEET
OF 15
DATE 9-26-89



DOOR SCHEDULE * FOR HARDWARE GROUPS - SEE SPECS.

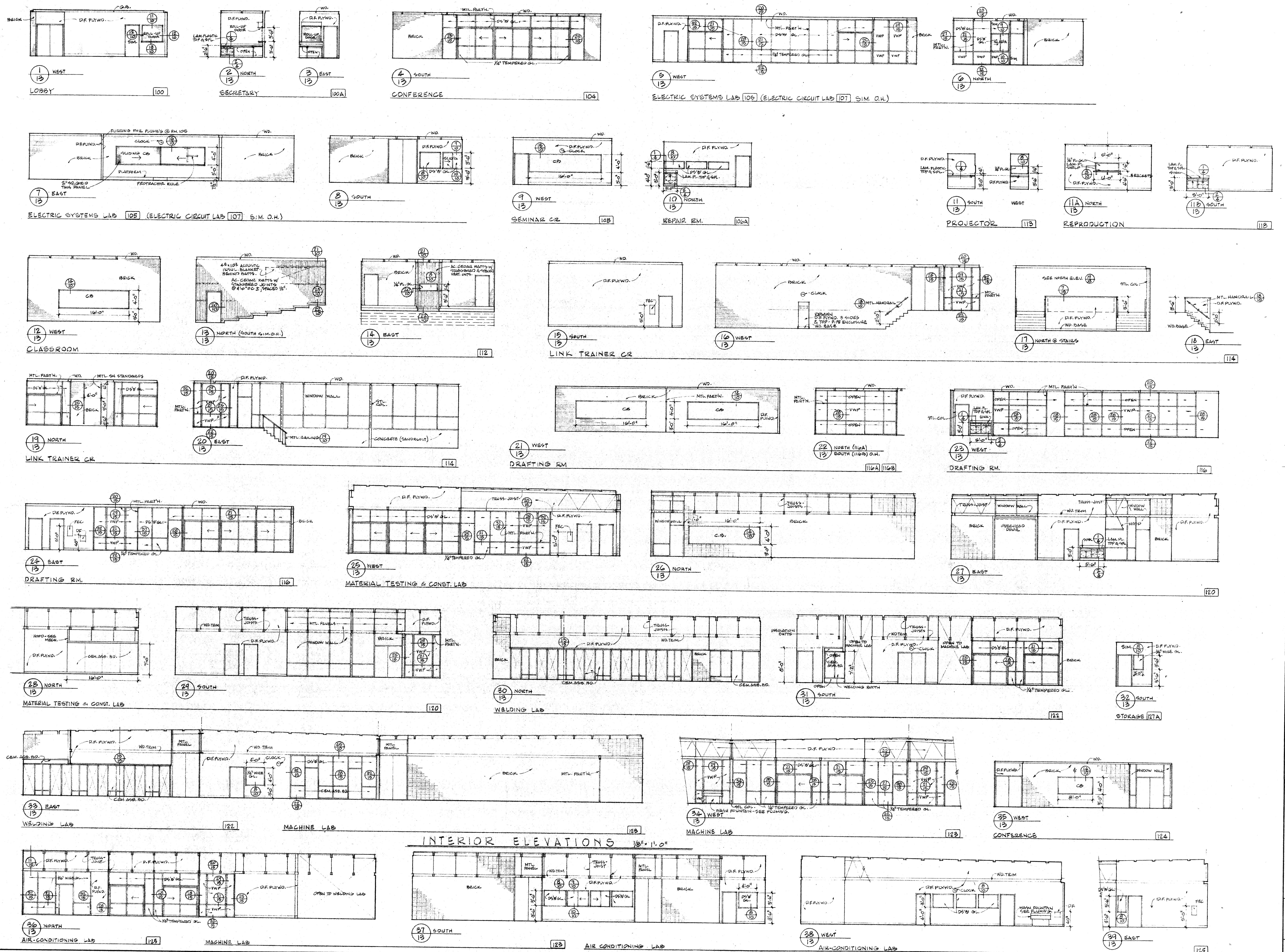
DOOR NUMBER	ROOM NO.	DOOR OPN'G. FROM-TO	WIDTH X HEIGHT	THICK. INCHES	TYPE	DOOR MATERIAL	FRAME MATERIAL	DETAILS	HW. REQ'D	REMARKS
100	100 - EXT.	2'-3" x 7'-0"	1 3/8"	E	MET.	MET.	21/12	21/12	9	
101	100A-101	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	9	
102	100A-102	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	9	
103	102-103	3'-0" x 7'-0"	1 3/8"	A	MET.	W.D.	21/12	21/12	19	
104	104-100	2'-3" x 7'-0"	1 3/8"	C	MET.	MET.	21/12	21/12	5	1/2 H.R. RATED
105	105-104	3'-0" x 7'-0"	1 3/8"	A	MET.	W.D.	21/12	21/12	19	
106	105-104	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	11	
107	105-EXT.	2'-3" x 7'-0"	1 3/8"	C	MET.	MET.	21/12	21/12	20	
108	105-105	3'-0" x 7'-0"	1 3/8"	G	MET.	MET.	21/12	21/12	9	20" x 10" LOUVER
109	105-107	3'-0" x 7'-0"	1 3/8"	D	MET.	MET.	21/12	21/12	17	SLIDING
110	106-107	2'-3" x 7'-0"	1 3/8"	G	MET.	MET.	21/12	21/12	9	26" x 10" LOUVER
111	107-EXT.	2'-3" x 7'-0"	1 3/8"	C	MET.	MET.	21/12	21/12	20	
112	105-107	3'-0" x 7'-0"	1 3/8"	D	MET.	MET.	21/12	21/12	17	SLIDING
113	109-108	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	9	
114	106-106A	3'-0" x 7'-0"	1 3/8"	D	MET.	MET.	21/12	21/12	17	
115	104-104B	3'-0" x 7'-0"	1 3/8"	D	MET.	MET.	21/12	21/12	17	SLIDING
116	104-104C	3'-0" x 7'-0"	1 3/8"	D	MET.	MET.	21/12	21/12	17	
117	104A-EXT.	3'-0" x 7'-0"	1 3/8"	B	MET.	MET.	21/12	21/12	11	26" x 10" LOUVER
118	107-104	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	11	
119	104-EXT.	2'-3" x 7'-0"	1 3/8"	E	MET.	MET.	21/12	21/12	1	ASTRAGAL
120	104-EXT.	2'-3" x 7'-0"	1 3/8"	E	MET.	MET.	21/12	21/12	20	
121	EXT-109	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	10	
122	110-EXT.	2'-3" x 7'-0"	1 3/8"	C	MET.	MET.	21/12	21/12	4	ASTRAGAL / 2-26" x 14" FUSIBLE LINK LOUVER - TOP & BOTTOM
123	EXT-111	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	10	
124	112-111	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	9	
125	108-EXT.	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	3	
126	112-EXT.	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	3	
127	112-EXT.	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	6	
128	112-EXT.	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	3	
129	112-114	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	9	
130	114-EXT.	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	7	
131	114-114B	3'-0" x 7'-0"	1 3/8"	D	MET.	MET.	21/12	21/12	17	SLIDING
132	114-114A	3'-0" x 7'-0"	1 3/8"	D	MET.	MET.	21/12	21/12	17	SLIDING
133	114-EXT.	3'-0" x 7'-0"	1 3/8"	C	MET.	MET.	21/12	21/12	21	ASTRAGAL
134	115-EXT.	3'-0" x 7'-0"	1 3/8"	H	MET.	MET.	21/12	21/12	24	DUTCH DOOR W/ SHIELD
135	116A-115	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	3	
136	116A-EXT.	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	3	
137	116-EXT.	2'-3" x 7'-0"	1 3/8"	E	MET.	MET.	21/12	21/12	1	ASTRAGAL
138	116-119A	3'-0" x 7'-0"	1 3/8"	D	MET.	MET.	21/12	21/12	17	SLIDING
139	116-119B	3'-0" x 7'-0"	1 3/8"	D	MET.	MET.	21/12	21/12	17	SLIDING
140	116-119C	3'-0" x 7'-0"	1 3/8"	D	MET.	MET.	21/12	21/12	17	SLIDING
141	119-119A	3'-0" x 7'-0"	1 3/8"	D	MET.	MET.	21/12	21/12	17	SLIDING
142	119-119B	3'-0" x 7'-0"	1 3/8"	D	MET.	MET.	21/12	21/12	17	SLIDING
143	119-119C	3'-0" x 7'-0"	1 3/8"	D	MET.	MET.	21/12	21/12	17	SLIDING
144	119-119D	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	11	
145	119-119D	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	9	
146	118-116	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	11	
147	117-116	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	11	
148	116-EXT.	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	23	
149	120-EXT.	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	23	
150	117-120	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	11	
151	118-120	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	11	
152	119-119E	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	9	
153	119-119E	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	11	
154	119-119F	3'-0" x 7'-0"	1 3/8"	D	MET.	MET.	21/12	21/12	17	SLIDING
155	119-119G	3'-0" x 7'-0"	1 3/8"	D	MET.	MET.	21/12	21/12	17	SLIDING
156	119-119H	3'-0" x 7'-0"	1 3/8"	D	MET.	MET.	21/12	21/12	17	SLIDING
157	119-EXT.	2'-3" x 7'-0"	1 3/8"	E	MET.	MET.	21/12	21/12	1	ASTRAGAL
158	120-EXT.	2'-3" x 7'-0"	1 3/8"	E	MET.	MET.	21/12	21/12	20	
159	120-119H	3'-0" x 7'-0"	1 3/8"	D	MET.	MET.	21/12	21/12	17	SLIDING
160	120-119H	3'-0" x 7'-0"	1 3/8"	D	MET.	MET.	21/12	21/12	17	SLIDING
161	120-119F	3'-0" x 7'-0"	1 3/8"	D	MET.	MET.	21/12	21/12	17	SLIDING
162	120-119F	3'-0" x 7'-0"	1 3/8"	H	MET.	MET.	21/12	21/12	24	DUTCH DOOR W/ SHIELD
163	120-EXT.	3'-0" x 7'-0"	1 3/8"	A	MET.	ALUM./PLEXGL.	21/12	21/12	18	OVERHEAD - SEE SPECS.
164	121-EXT.	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	6	
165	120-EXT.	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	9	
166	120-120B	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	9	
167	120-120A	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	9	
168	122A-122	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	9	
169	122A-122	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	9	
170	122B-122	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	9	
171	122-EXT.	2'-3" x 7'-0"	1 3/8"	C	MET.	MET.	21/12	21/12	20	
172	122B-122	2'-3" x 7'-0"	1 3/8"	C	MET.	MET.	21/12	21/12	12	
173	122-124B	3'-0" x 7'-0"	1 3/8"	D	MET.	MET.	21/12	21/12	17	SLIDING
174	122-124A	3'-0" x 7'-0"	1 3/8"	D	MET.	MET.	21/12	21/12	17	SLIDING
175	124-EXT.	2'-3" x 7'-0"	1 3/8"	E	MET.	MET.	21/12	21/12	20	
176	124-124A	3'-0" x 7'-0"	1 3/8"	D	MET.	MET.	21/12	21/12	17	SLIDING
177	124-124B	3'-0" x 7'-0"	1 3/8"	D	MET.	MET.	21/12	21/12	17	SLIDING
178	124-124C	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	11	
179	124-124C	3'-0" x 7'-0"	1 3/8"	D	MET.	MET.	21/12	21/12	17	SLIDING
180	123-124C	3'-0" x 7'-0"	1 3/8"	D	MET.	MET.	21/12	21/12	17	SLIDING
181	123-124D	3'-0" x 7'-0"	1 3/8"	D	MET.	MET.	21/12	21/12	17	SLIDING
182	124-124D	3'-0" x 7'-0"	1 3/8"	D	MET.	MET.	21/12	21/12	17	SLIDING
183	123A-123	3'-0" x 7'-0"	1 3/8"	G	MET.	MET.	21/12	21/12	9	
184	123B-123	3'-0" x 7'-0"	1 3/8"	G	MET.	MET.	21/12	21/12	9	
185	123C-123	3'-0" x 7'-0"	1 3/8"	G	MET.	MET.	21/12	21/12	9	
186	123-EXT.	2'-3" x 7'-0"	1 3/8"	C	MET.	MET.	21/12	21/12	21	ASTRAGAL
187	123-EXT.	2'-3" x 7'-0"	1 3/8"	C	MET.	MET.	21/12	21/12	21	ASTRAGAL
188	124-123	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	9	1-H.R. RATED
189	123-126	3'-0" x 7'-0"	1 3/8"	B	MET.	MET.	21/12	21/12	9	26" x 10" LOUVER
190	125-126	3'-0" x 7'-0"	1 3/8"	B	MET.	MET.	21/12	21/12	9	26" x 10" LOUVER
191	125-EXT.	2'-3" x 7'-0"	1 3/8"	C	MET.	MET.	21/12	21/12	20	
192	125-125A	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	9	
193	125B-125	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	9	
194	125-125A	3'-0" x 7'-0"	1 3/8"	D	MET.	MET.	21/12	21/12	17	SLIDING
195	125-125B	3'-0" x 7'-0"	1 3/8"	D	MET.	MET.	21/12	21/12	17	SLIDING
196	125-125C	3'-0" x 7'-0"	1 3/8"	D	MET.	MET.	21/12	21/12	17	SLIDING
197	124-124F	3'-0" x 7'-0"	1 3/8"	D	MET.	MET.	21/12	21/12	17	SLIDING
198	124-124F	3'-0" x 7'-0"	1 3/8"	F	MET.	MET.	21/12	21/12	20	
199	125-125	3'-0" x 7'-0"	1 3/8"	A	MET.	MET.	21/12	21/12	11	
200	125A-100	3'-0" x 7'-0"	1 3/8"	B	MET.	MET.	21/12	21/12	15	26" x 10" FUSIBLE LINK LOUVER
201	125A-100	3'-0" x 7'-0"	1 3/8"	B	MET.	MET.	21/12	21/12	15	26" x 10" FUSIBLE LINK LOUVER
202	125A-100	3'-0" x 7'-0"	1 3/8"	B	MET.	MET.	21/12	21/12	15	26" x 10" FUSIBLE LINK LOUVER
203	125A-100	3'-0" x 7'-0"	1 3/8"	B	MET.	MET.	21/12	21/12	15	26" x 10" FUSIBLE LINK LOUVER
204	125A-100	3'-0" x 7'-0"	1 3/8"	B	MET.	MET.	21/12	21/12	15	26" x 10" FUSIBLE LINK LOUVER
205	125A-100	3'-0" x 7'-0"	1 3/8"	B	MET.	MET.	21/12	21/12	15	26" x 10" FUSIBLE LINK LOUVER
206	125A-100	3'-0" x 7'-0"	1 3/8"	B	MET.	MET.	21/12	21/12	15	26" x 10" FUSIBLE LINK LOUVER
207	125A-100	3'-0" x 7'-0"	1 3/8"	B	MET.	MET.	21/12	21/12	15	26" x 10" FUSIBLE LINK LOUVER
208	125A-100	3'-0" x 7'-0"	1 3/8"	B	MET.	MET.	21/12	21/12	15	26" x 10" FUSIBLE LINK LOUVER
209	125A-100	3'-0" x 7'-0"	1 3/8"	B	MET.	MET.	21/12	21/12	15	26" x 10" FUSIBLE LINK LOUVER
210	125A-100	3'-0" x 7'-0"	1 3/8"	B	MET.	MET.	21/12	21/12	15	26" x 10" FUSIBLE LINK LOUVER
211	125A-100	3'-0" x 7'-0"	1 3/8"	B	MET.	MET.	21/12	21/12	15	26" x 10" FUSIBLE LINK LOUVER
212	125A-100	3'-0" x 7'-0"	1 3/8"	B	MET.	MET.	21/12	21/12	15	26" x 10" FUSIBLE LINK LOUVER

DOOR SCHEDULE, WINDOW WALL & DOOR DETAILS

COMETA AND SOOTARU
316 MADRID AVENUE, LOS ANGELES, CALIF. 90007
ARCHITECTS

CONFER + LARSEN + CROSSEN
1200 CONTRA COSTA BLVD., OAKLAND, CALIF. 94612
ARCHITECTS

DOOR SCHEDULE, WINDOW WALL & DOOR DETAILS</



ARCHITECT *COMETTA AND SOOTARD*

STRUCT. ENGINEER *CONFERR + LARSEN + CROSSEN*

CONSULT. ENGINEER *CONFERR + LARSEN + CROSSEN*

3516 MACDONALD AVENUE, RICHMOND, CALIF. 94804

1200 CONTRA COSTA BLVD., CONCORD, CALIF. 94601

F. L. H. CONFERR, ARCHITECT • G. LARSEN, ARCHITECT • J. E. CROSSEN, ARCHITECT

A. SOOTARD, ARCHITECT ASSOCIATED ARCHITECTURAL FIRM F.W. CONFERR, PARTNER

INTERIOR ELEVATIONS

TECHNICAL - VOCATIONAL FACILITY (ENGINEERING - TECHNOLOGY CENTER)

DIABLO VALLEY COLLEGE

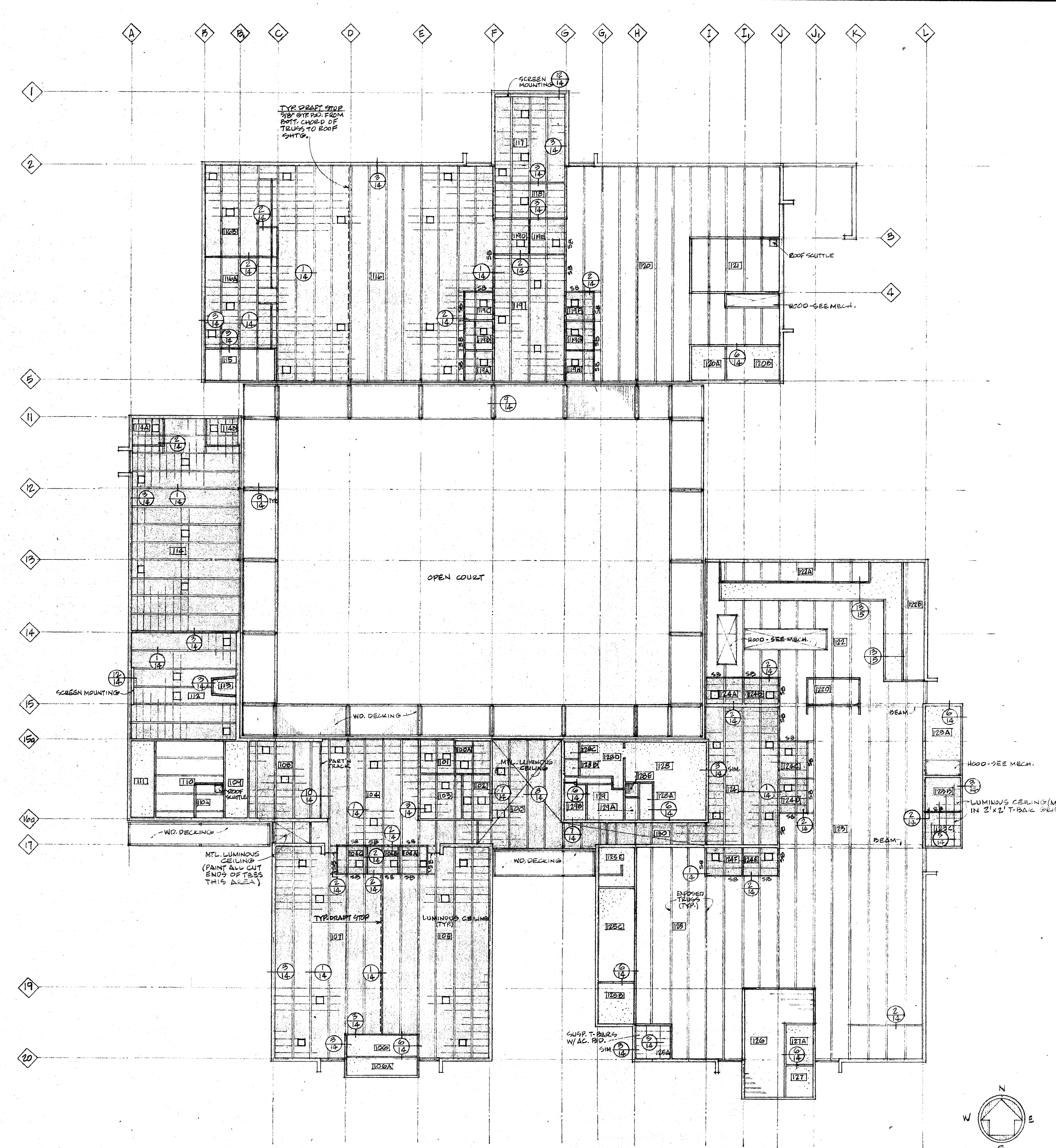
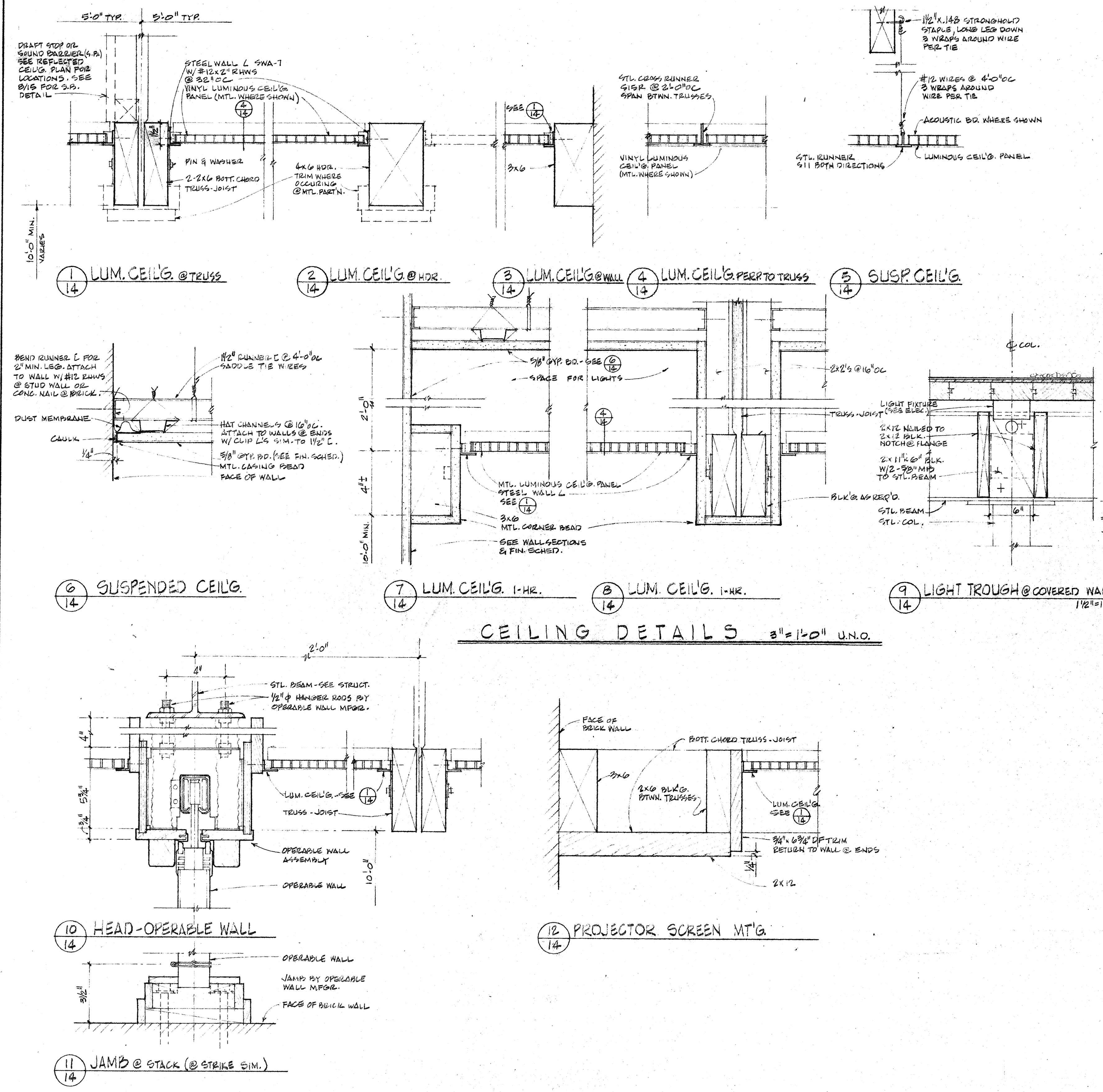
CONTRA COSTA JUNIOR COLLEGE DISTRICT

PLEASANT HILL, CALIFORNIA

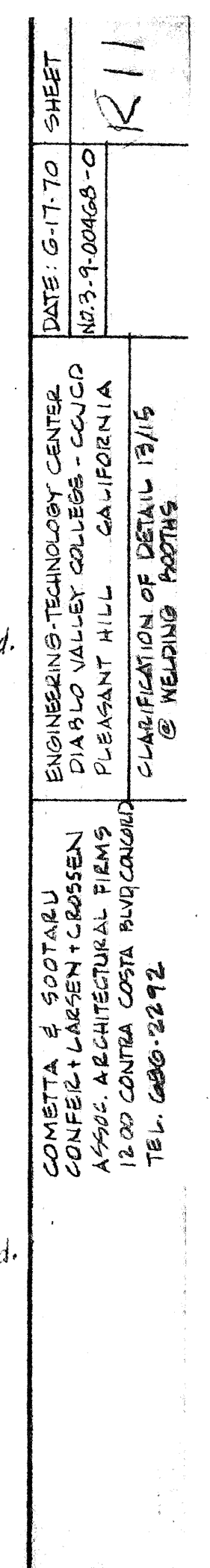
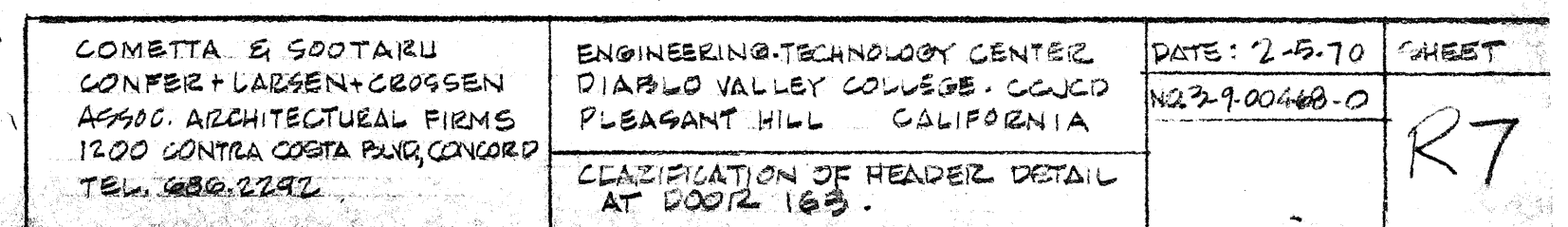
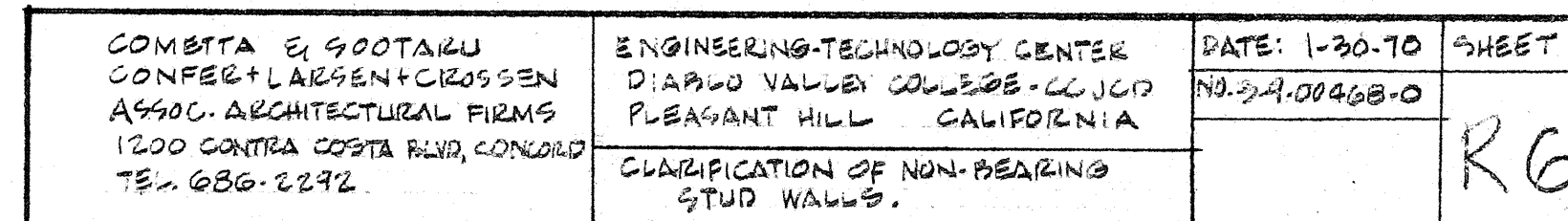
SHEET 13

OF 15

DATE 9-26-69



ARCHITECT <i>Cometta and Soottard</i> 3516 MACDONALD AVENUE RICHMOND, CALIF. 94804 415-832-2837		APPROVED 3.22.77 32247
STRUCTURAL ENGINEER J. E. CROSSEN, ARCHITECT 1800 CONTRA COSTA BLVD. CONCORD, CALIF. 94520 925-308-2838		CONSULT ENGINEER J. E. CROSSEN, ARCHITECT 1800 CONTRA COSTA BLVD. CONCORD, CALIF. 94520 925-308-2838
COMETTA AND SOOTTARD 3516 MACDONALD AVENUE RICHMOND, CALIF. 94804 415-832-2837 CONFER + LARSEN + CROSSEN 1800 CONTRA COSTA BLVD. CONCORD, CALIF. 94520 925-308-2838 A. A. COMETTA, PARTNER P. L. R. CONFER, ARCHITECT G. C. LARSEN, ARCHITECT J. E. CROSSEN, ARCHITECT A. SOOTTARD, ARCHITECT ASSOCIATED ARCHITECTURAL FIRMS F. W. COOPER, PARTNER		
REFLECTED CEILING PLAN, DETAILS TECHNICAL - VOCATIONAL FACILITY (ENGINEERING - TECHNOLOGY CENTER) DIABLO VALLEY COLLEGE CONTRA COSTA JUNIOR COLLEGE DISTRICT PLEASANT HILL, CALIFORNIA		
SHEET 14 OF 15 DATE 4-26-69		



GENERAL NOTES

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS, AND TITLE 24, CALIFORNIA ADMINISTRATIVE CODE, 1969 EDITION. THESE NOTES SHALL APPLY TO ALL STRUCTURAL DRAWINGS UNLESS OTHERWISE NOTED OR SHOWN. FEATURES OF CONSTRUCTION SHOWN ARE TYPICAL, AND SHALL APPLY GENERALLY THROUGHOUT SIMILAR CONDITIONS. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR FLOOR FINISH AND THEIR LOCATIONS; DEPRESSIONS AND CURBS ON FLOORS; OPENINGS IN WALLS, SLABS, AND FLOORS AS REQUIRED FOR WINDOWS, DOORS, VENTS, PLUMBING, ETC.; ALL TYPES OF FLASHING, INSERTS, ANCHORAGE, HANGERS, ETC., EMBEDDED IN OR ATTACHED TO THE STRUCTURE; ROADWAY, PAVING, WALKS, STAIRS, RAMPS, TERRACES, ETC.; EXTERIOR GRADES; ELEVATION OF ROOF SURFACES; LOCATION OF DRAINS; PARTITION WALLS AND BRICK VENEER. THE CONTRACTOR SHALL COMPLY WITH THE STRUCTURAL DRAWINGS WITH THE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AS TO ALL LAYOUTS, DIMENSIONS AND ELEVATIONS. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT FOR PROPER ADJUSTMENTS BEFORE PROCEEDING WITH THE WORK. IN THE EVENT THAT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE DRAWING OR CALLED FOR IN THE GENERAL NOTES OR SPECIFICATIONS, THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS SHOWN FOR SIMILAR CONDITIONS.

SYMBOLS AND ABBREVIATIONS

SYMBOL	INDICATES	REDWOOD LUMBER	JH	INDICATES	GALVANIZED JOIST HANGER
	"	A CONTINUOUS MEMBER IN SECTION	OTJH	"	OVER THE TOP GALVANIZED JOIST HANGER
	"	A NON-CONTINUOUS MEMBER SUCH AS SOLID BLK OR END FACE OF CONTINUOUS MEMBER	FW	"	STRUCTURAL PLYWOOD
FC	"	FRAMING CLIP - SEE DETAIL & SIZE SCHEDULE	SAD	"	SEE ARCHITECTURAL DRAWINGS, OR SEE ARCHITECTURAL DETAILS
NTS	"	NOT TO SCALE	POS	"	FACE OF STUDS
A-S2	"	SECTION A ON DRAWING S2, ETC.	POC	"	FACE OF CONCRETE
JOISTS	"	JOISTS OR HANGERS	TOS	"	TOP OF STEEL
DJ	"	DOUBLE JOIST OR DOUBLE RAPTER	TOP	"	TOP OF FOOTING
			BOF	"	BOTTOM OF FOOTING

FOUNDATION NOTES

THE SOIL REPORT APPLICABLE TO THE PROJECT SITE IS NOTED ON FOUNDATION PLAN DRAWING. THESE REPORTS ARE AVAILABLE FOR PERUSAL AT THE OFFICE OF THE ARCHITECT. SEE SPECIFICATIONS.

DESIGN SOIL PRESSURE UNDER FOOTINGS IS NOTED ON FOUNDATION PLAN DRAWING. SEE FOUNDATION PLAN FOR ADDITIONAL NOTES.

CONCRETE NOTES

CONCRETE SHALL TEST NOT LESS THAN 3000 P.S.I. AT 28 DAYS FOR STRUCTURAL AND FOUNDATION ELEMENTS. FLOOR SLABS ON GRADE SHALL TEST NOT LESS THAN 2000 P.S.I. AT 28 DAYS, UNLESS NOTED OTHERWISE ON STRUCTURAL DRAWINGS.

ALL CONCRETE SHALL BE REINFORCED UNLESS NOTED: "NOT REINFORCED".

REINFORCEMENT SHALL BE ASTM A615-40, UNLESS SPECIFICALLY NOTED OTHERWISE ON STRUCTURAL DETAILS OR SCHEDULES.

LAP ALL BARS 40 DIAMETERS AT SPLICES; STAGGER SPLICES WHEREVER POSSIBLE. VERTICAL WALL BARS SHALL EXTEND INTO FOOTINGS, BUT MAY BE DOWELED WITH 40 DIAMETER LAPS OF SAME SIZE BARS.

REINFORCEMENT, ANCHOR BOLTS, PIPE SLEEVES AND OTHER INSERTS SHALL BE POSITIVELY SECURED IN PLACE BEFORE CONCRETE IS POURED.

BAR COVERAGE TO FACE OF BAR, EXCEPT AS OTHERWISE SHOWN, SHALL BE:

3"	WHERE CONCRETE IS POURED AGAINST EARTH, OR AGAINST GROUND CONTACT.
2"	FOR BARS LONGER THAN #5, WHERE CONCRETE SURFACES ARE EXPOSED TO EARTH OR TO WEATHER AFTER REMOVAL OF FORMS.
1 1/2"	FOR #5 BARS OR SMALLER, WHERE CONCRETE SURFACES ARE EXPOSED TO EARTH OR TO WEATHER AFTER REMOVAL OF FORMS.
1 1/2"	FOR COLUMN SPIRALS OR TIES.
1 1/2"	FOR STIRRUPS OF BEAM.
1"	FOR WALL BARS (DOUBLE MAT).
3/4"	FOR STRUCTURAL SLAB BARS, TOP AND BOTTOM.

UNLESS GOVERNED ABOVE BY EXPOSURE TO WEATHER, OR AS NOTED ON DETAILS.

SLABS ON GROUND SHALL BE REINFORCED AS SHOWN ON STRUCTURAL PLANS. LOCATION OF CONSTRUCTION JOINTS MUST BE APPROVED BY THE ARCHITECT.

ALL EXPOSED CORNERS SHALL BE CHAMFERED AS NOTED ON THE ARCHITECTURAL DRAWINGS.

ALL CONCRETE CURBS ARE 6" HIGH UNLESS OTHERWISE NOTED. ALL TOILET ROOM STUD WALLS SHALL HAVE CONCRETE CURBS.

STRUCTURAL STEEL

ALL STRUCTURAL STEEL AND STRUCTURAL TUBING SHALL BE ASTM A-36.

ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH ALSO SPECIFICATIONS, LATEST REVISION.

ALL BOLTED CONNECTIONS SHALL BE MADE WITH 3/4" HIGH-STRENGTH (A-325) BOLTS (UNLESS NOTED OTHERWISE) AND COMPLY WITH PROVISIONS OF THE

"SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A-325 BOLTS" AS APPROVED BY THE RESEARCH COUNCIL ON RIVETED AND BOLTED STRUCTURAL JOINTS.

ALL CONNECTIONS SHALL BE AS SHOWN BY STRUCTURAL DETAILS.

ALL WELDS SHALL BE INSPECTED IN ACCORDANCE WITH SECTION T21-223 (A), TITLE 24.

ALL COLUMNS SHALL BE MILLED AT BASE FOR FULL BEARING.

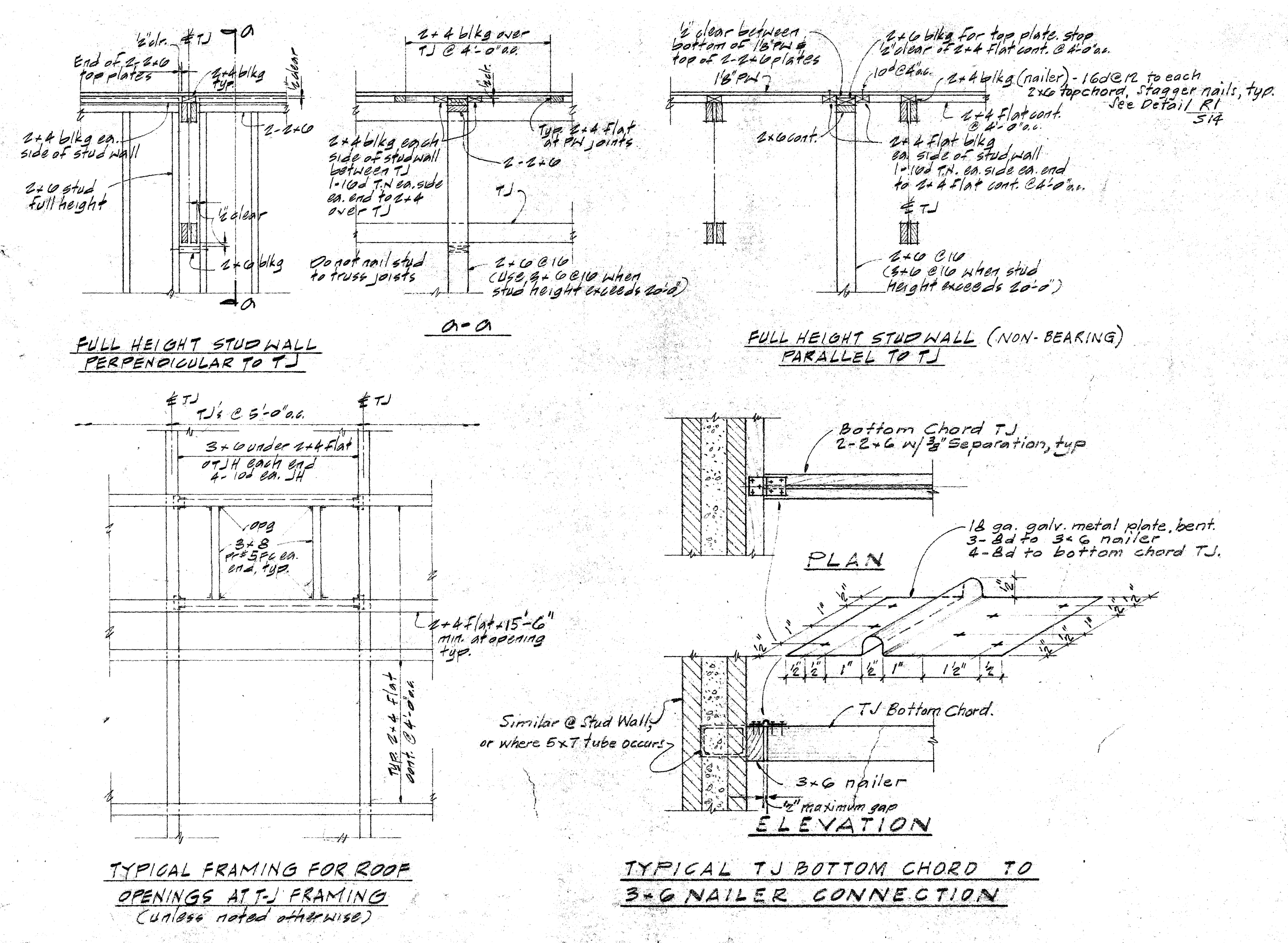
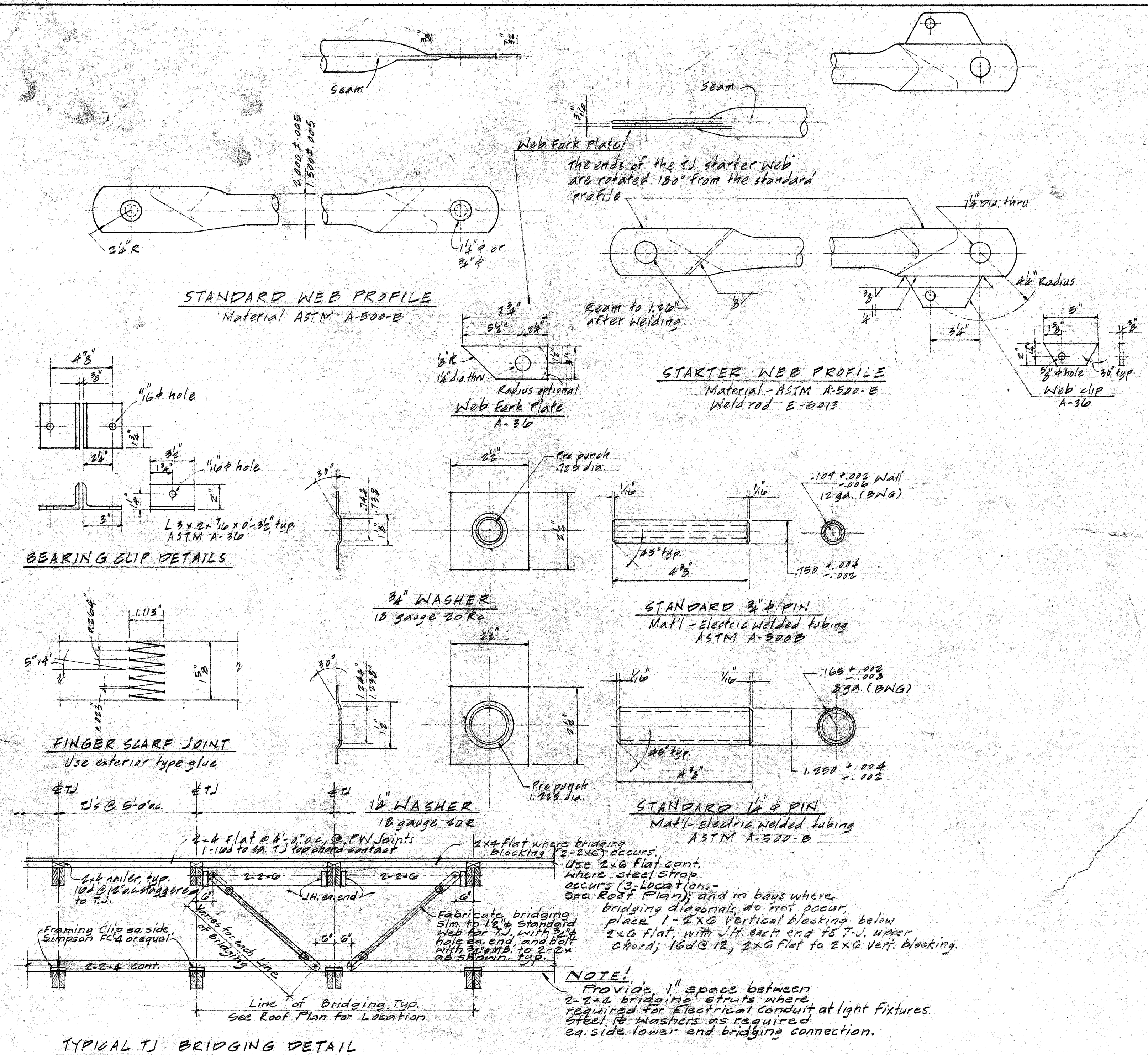
WOOD NAILERS ON STRUCTURAL STEEL, IF CALLED FOR ON THIS PROJECT, SHALL BE BOLTED WITH 5/8" x 24" O.C. CARRIAGE BOLTS @ 24" O.C. STAGGERED.

(1/16" OVERSIZE HOLES IN STEEL MAY BE USED), OR 5/8" x 24" WELDED STUD BOLTS @ 24" O.C. UNLESS SIZE, TYPE AND SPACING IS NOTED OTHERWISE.

ALL WELDS FOR LIGHT-GAUGE STEEL SHALL BE IN ACCORDANCE WITH SECTION T21-272, TITLE 24.

MAJOR NOTES

1. See Section 4-A of the Specifications on Minimums for the following elements: Materials, workmanship, protection, and construction, wherever noted.
2. Make all steel connections in this project and accurately placed.
3. For all steel connections, drawings will be shown. For all steel connections, drawings will be shown.
4. Concrete surface treatment shall be shown and is required to expose concrete surfaces.
5. Provide clearances of 1/2" from all footings to all walls. For all walls, provide 1/2" clearances.
6. Material quantities, dimensions, and details shall be shown. For all walls, provide 1/2" clearances.
7. Bars which are embedded in masonry shall be placed in place with not less than one inch of gap between bar and masonry. All walls shall have a 1/2" gap between bar and masonry.
8. Locate construction of walls with the approval of the Architect.
9. See typical detail on Exp. 52 for placement of masonry veneer to stud wall and to concrete wall.
10. See structural section for masonry construction, but in part under the following details: E1, E2, E3, E4, E5, E6, E7, E8, E9, E10, E11, E12, E13, E14, E15, E16, E17, E18, E19, E20, E21, E22, E23, E24, E25, E26, E27, E28, E29, E30, E31, E32, E33, E34, E35, E36, E37, E38, E39, E40, E41, E42, E43, E44, E45, E46, E47, E48, E49, E50, E51, E52, E53, E54, E55, E56, E57, E58, E59, E60, E61, E62, E63, E64, E65, E66, E67, E68, E69, E70, E71, E72, E73, E74, E75, E76, E77, E78, E79, E80, E81, E82, E83, E84, E85, E86, E87, E88, E89, E90, E91, E92, E93, E94, E95, E96, E97, E98, E99, E100, E101, E102, E103, E104, E105, E106, E107, E108, E109, E110, E111, E112, E113, E114, E115, E116, E117, E118, E119, E120, E121, E122, E123, E124, E125, E126, E127, E128, E129, E130, E131, E132, E133, E134, E135, E136, E137, E138, E139, E140, E141, E142, E143, E144, E145, E146, E147, E148, E149, E150, E151, E152, E153, E154, E155, E156, E157, E158, E159, E160, E161, E162, E163, E164, E165, E166, E167, E168, E169, E170, E171, E172, E173, E174, E175, E176, E177, E178, E179, E180, E181, E182, E183, E184, E185, E186, E187, E188, E189, E190, E191, E192, E193, E194, E195, E196, E197, E198, E199, E200, E201, E202, E203, E204, E205, E206, E207, E208, E209, E210, E211, E212, E213, E214, E215, E216, E217, E218, E219, E220, E221, E222, E223, E224, E225, E226, E227, E228, E229, E230, E231, E232, E233, E234, E235, E236, E237, E238, E239, E240, E241, E242, E243, E244, E245, E246, E247, E248, E249, E250, E251, E252, E253, E254, E255, E256, E257, E258, E259, E260, E261, E262, E263, E264, E265, E266, E267, E268, E269, E270, E271, E272, E273, E274, E275, E276, E277, E278, E279, E280, E281, E282, E283, E284, E285, E286, E287, E288, E289, E290, E291, E292, E293, E294, E295, E296, E297, E298, E299, E300, E301, E302, E303, E304, E305, E306, E307, E308, E309, E310, E311, E312, E313, E314, E315, E316, E317, E318, E319, E320, E321, E322, E323, E324, E325, E326, E327, E328, E329, E330, E331, E332, E333, E334, E335, 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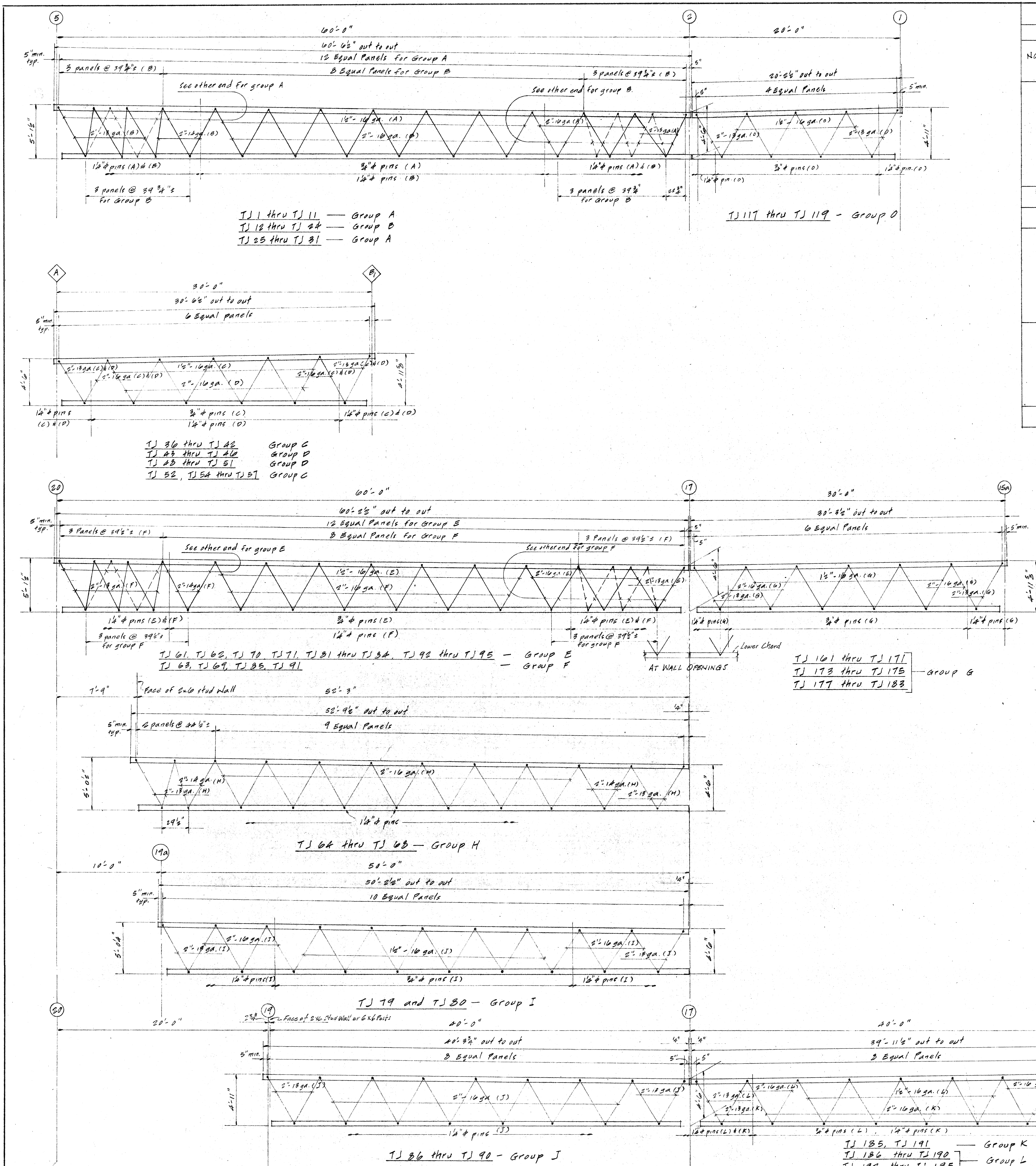
NOTES:

For typical bearing of Truss-Joints on Stud walls, see Framing Elevations on Pages S16 & S17, see Section 5.11.

For typical bearing of Truss-Joints on Masonry Walls, see Detail R4.

For typical bearing of Truss-Joints on Steel Framing, including Steel plate on top of 14" masonry wall on Line 17, see Various Framing Elevations on Pages S16, S17, & S18.

<p>ARCHITECT</p> <p><i>Milton G. Leong</i></p> <p>STRUCTURAL ENGINEER</p> <p>BERKELEY 4, CALIFORNIA</p>		<p>ARCHITECT</p> <p><i>COMETTA AND SOOTARD</i></p> <p>STRUCTURAL ENGINEER</p> <p>BERKELEY 4, CALIFORNIA</p>	
<p>32247 APPROVED</p> <p>DATE: 10/1/69</p>		<p>32247 APPROVED</p> <p>DATE: 10/1/69</p>	
<p>COMETTA AND SOOTARD</p> <p>3516 MACDONALD AVENUE</p> <p>RICHMOND, CALIF. 94807</p> <p>CONFERR + LARSEN + CROSSEN</p> <p>1300 COSTA BLVD.</p> <p>CONCORD, CALIF. 94520</p> <p>COMETTA PARTNER</p> <p>CONFERR PARTNER</p> <p>LARSEN PARTNER</p> <p>CROSSEN PARTNER</p> <p>ASSOCIATED ARCHITECTS</p>		<p>COMETTA AND SOOTARD</p> <p>3516 MACDONALD AVENUE</p> <p>RICHMOND, CALIF. 94807</p> <p>CONFERR + LARSEN + CROSSEN</p> <p>1300 COSTA BLVD.</p> <p>CONCORD, CALIF. 94520</p> <p>COMETTA PARTNER</p> <p>CONFERR PARTNER</p> <p>LARSEN PARTNER</p> <p>CROSSEN PARTNER</p> <p>ASSOCIATED ARCHITECTS</p>	
<p>TRUSS JOIST NOTES AND DETAILS</p> <p>TECHNICAL - VOCATIONAL FACILITY</p> <p>(ENGINEERING - TECHNOLOGY CENTER)</p> <p>DIABLO VALLEY COLLEGE</p> <p>CONCORD, CALIFORNIA</p>		<p>TRUSS JOIST NOTES AND DETAILS</p> <p>TECHNICAL - VOCATIONAL FACILITY</p> <p>(ENGINEERING - TECHNOLOGY CENTER)</p> <p>DIABLO VALLEY COLLEGE</p> <p>CONCORD, CALIFORNIA</p>	
<p>SHEET</p> <p>53</p> <p>OF 19</p> <p>DATE</p> <p>SEP. 26, 1969</p>		<p>SHEET</p> <p>53</p> <p>OF 19</p> <p>DATE</p> <p>SEP. 26, 1969</p>	



TRUSS - JOIST SCHEDULE										
①	②	③	④	⑤	⑥	⑦	⑧	⑨		
NOMINAL SPAN	MARK	GROUP REFERENCE FOR WEB AND PIN REQUIREMENTS (SEE TRUSS DETAILS)	DIMENSIONS				QUANTITY			
			0/0	DEPTH						
			UPPER CHORD	LOW END	HIGH END					
60'	TJ 1 THRU TJ 11	A	60'-0 1/2"	4'-0"	5'-1 1/2"		11			
	TJ 12 THRU TJ 24	B	60'-0 1/2"	4'-0"	5'-1 1/2"		13			
	TJ 25 THRU TJ 31	A	60'-0 1/2"	4'-0"	5'-1 1/2"		7			
	TJ 61, TJ 62	E	60'-2 1/2"	4'-0"	5'-1 1/2"		2			
	TJ 63, TJ 64	F	60'-2 1/2"	4'-0"	5'-1 1/2"		2			
	TJ 70, TJ 71	E	60'-2 1/2"	4'-0"	5'-1 1/2"		2			
	TJ 81 THRU TJ 84	E	60'-2 1/2"	4'-0"	5'-1 1/2"		4			
	TJ 85, TJ 91	F	60'-2 1/2"	4'-0"	5'-1 1/2"		2			
	TJ 92 THRU TJ 95	E	60'-2 1/2"	4'-0"	5'-1 1/2"		4			
50'-0"	TJ 94 THRU TJ 98	H	50'-4 1/2"	4'-0"	5'-0 1/2"		5			
50'	TJ 74, TJ 80	I	50'-2 1/2"	4'-0"	5'-0 1/2"		2			
40'	TJ 86 THRU TJ 90	J	40'-3 3/4"	4'-0"	4'-11"		5			
	TJ 135	K	39'-11 1/2"	4'-0"	5'-1 1/2"		1			
	TJ 126 THRU TJ 140	L	39'-11 1/2"	4'-0"	5'-1 1/2"		5			
	TJ 141	K	39'-11 1/2"	4'-0"	5'-1 1/2"		1			
	TJ 142 THRU TJ 145	L	39'-11 1/2"	4'-0"	5'-1 1/2"		4			
	TJ 235 THRU TJ 241	M	40'-2 1/2"	4'-0"	5'-1 1/2"		7			
	TJ 242 THRU TJ 245	N	40'-2 1/2"	4'-0"	5'-1 1/2"		4			
	30'	TJ 36 THRU TJ 42	C	30'-0 1/2"	4'-0"	4'-11 1/2"		7		
TJ 43 THRU TJ 46		P	30'-0 1/2"	4'-0"	4'-11 1/2"		4			
TJ 48 THRU TJ 51		D	30'-0 1/2"	4'-0"	4'-11 1/2"		4			
TJ 52, TJ 54 THRU 57		C	30'-0 1/2"	4'-0"	4'-11 1/2"		5			
TJ 101 THRU TJ 107		A	30'-3 1/2"	4'-0"	4'-11 1/2"		7			
TJ 109 THRU TJ 111		G	30'-3 1/2"	4'-0"	4'-11 1/2"		3			
TJ 173 THRU TJ 175		G	30'-3 1/2"	4'-0"	4'-11 1/2"		3			
TJ 177 THRU TJ 183		G	30'-3 1/2"	4'-0"	4'-11 1/2"		7			
20'		TJ 117 THRU TJ 119	O	20'-2 1/2"	4'-0"	4'-11"		3		
		TOTAL							124	

- NOTES:**
- All top & bottom chords shall be Douglas Fir, 2400f, Machine Stress rated and 1900f, visually graded.
 - See Eng. 58 for other Truss joint typical details.
 - See Roof Framing Plan on ST 58 for Truss Joist locations per Mark Designations.
 - See specification for detail requirements of materials and fabrication of Truss joints.
 - Minimum camber to be provided for Truss joist shall be equal to the deflection due to twice the design Dead Load. Camber shall be indicated on the shop drawings, subject to approval by the Architect.
 - The designations on this sheet: 16" x 10 ga. indicates 16" x 10 ga. web member, etc. See Details on 58 for typical web profiles.
 - Fabricator shall study the plans thoroughly, and shall verify that truss configurations as shown in the shop drawing submittals are such as to clear structural elements when erected. Any discrepancies shall be brought to the attention of the Architect for resolution.
 - See bridging detail on Eng. 53, and locations of bridging on plans, Eng. 57 & 58.

ARCHITECT: *John A. Cometta*

STRUCTURAL ENGINEER: *Milton G. Leong*

CONSULTING ENGINEER: *John A. Cometta*

DATE: *SEP. 26, 1969*

COMETTA AND SOTO

3516 MADONALD AVENUE, RICHMOND, CALIF. 94804

CONFER + LARSEN + CROSSEN

1200 CONTEA COSTA BLVD., CONCORD, CALIF. 94601

F. A. COMETTA, PARTNER; J. A. SOTO, PARTNER; J. C. LARSEN, ARCHITECT; J. C. CROSSEN, ARCHITECT

TRUSS JOIST PROFILES AND SCHEDULE

TECHNICAL - VOCATIONAL FACILITY (ENGINEERING - TECHNOLOGY CENTER)

DIABLO VALLEY COLLEGE

CONTEA COSTA JUNIOR COLLEGE

PLEASANT HILL, CALIFORNIA

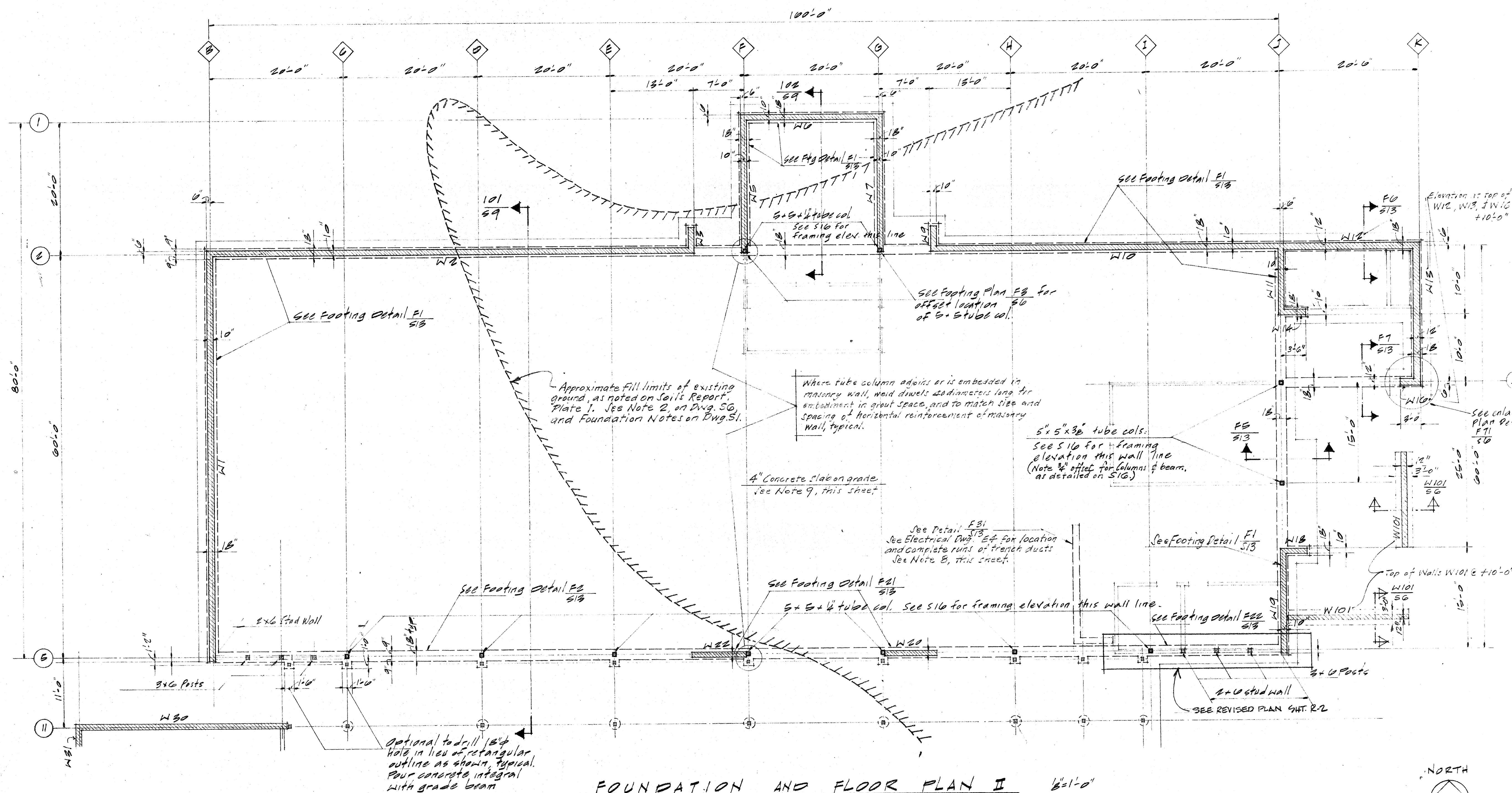
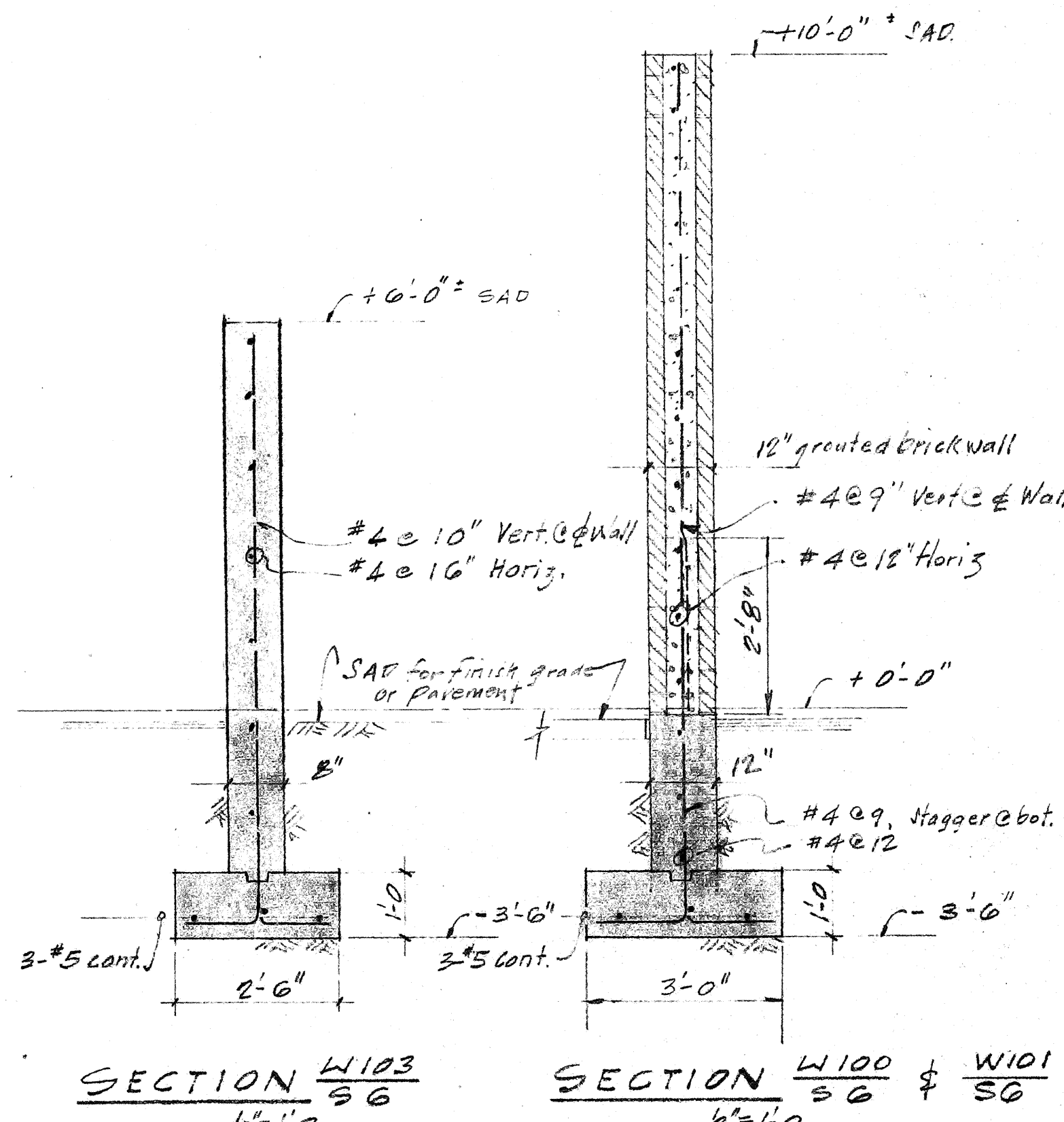
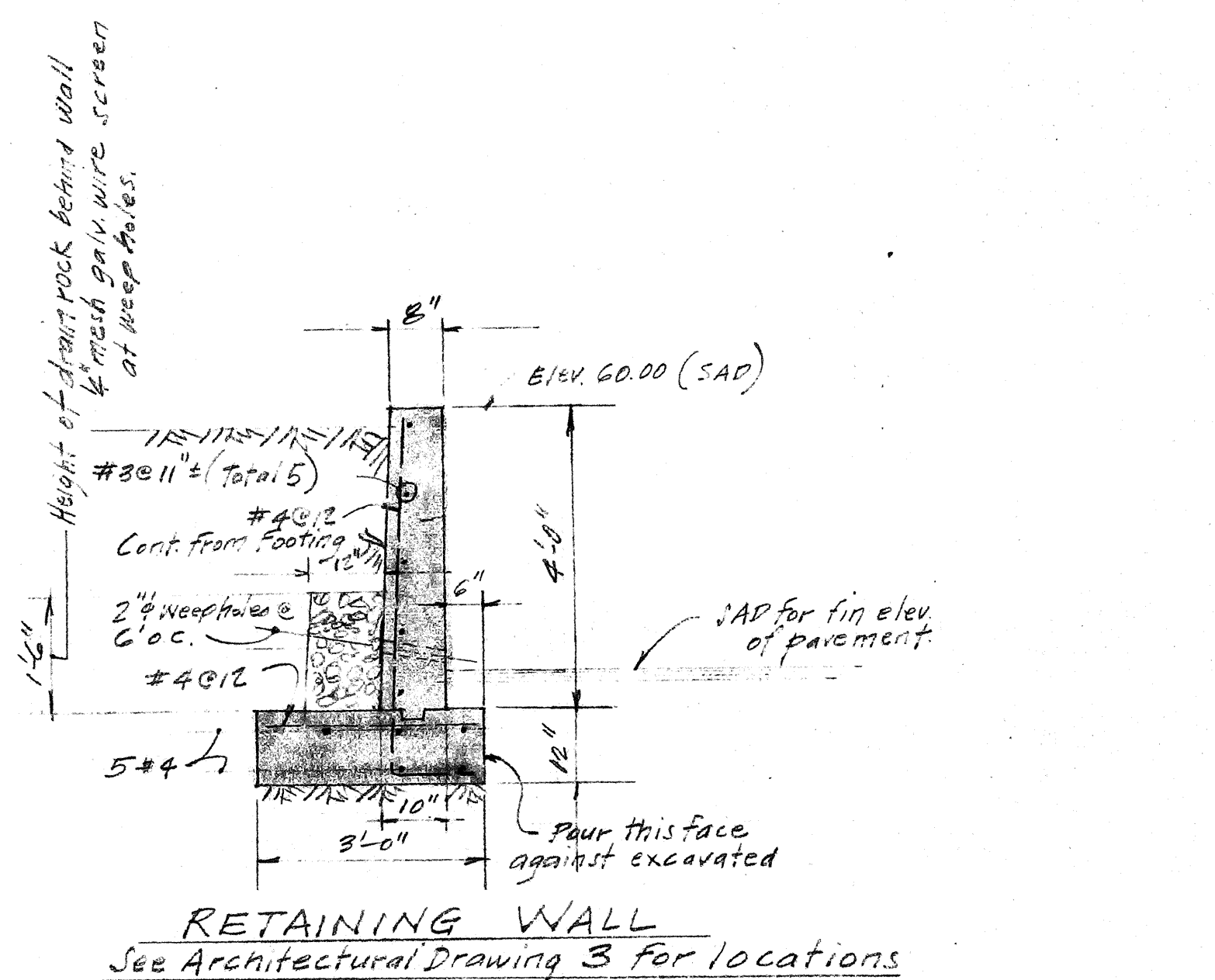
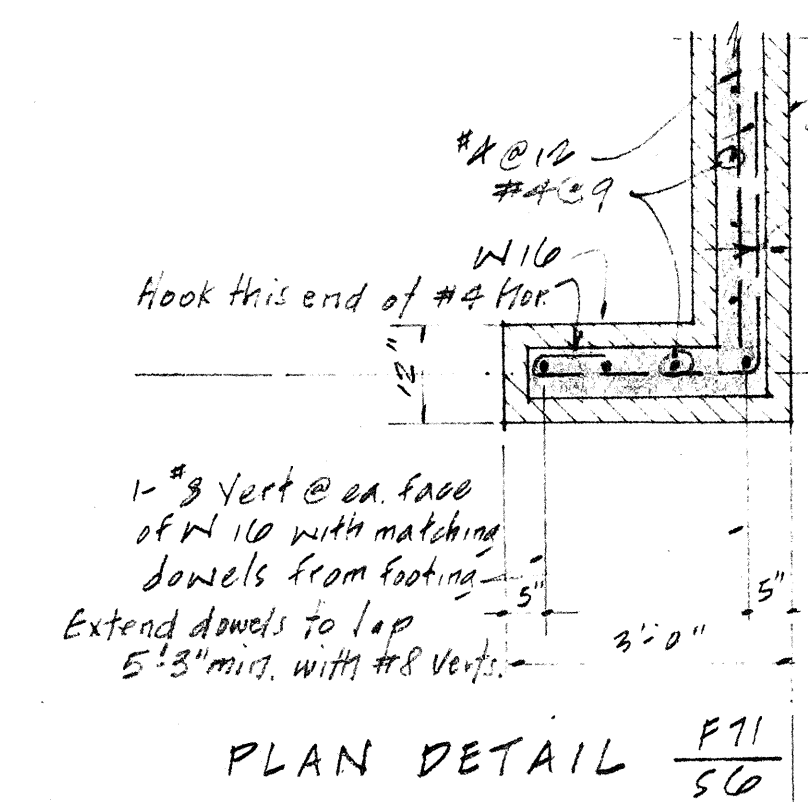
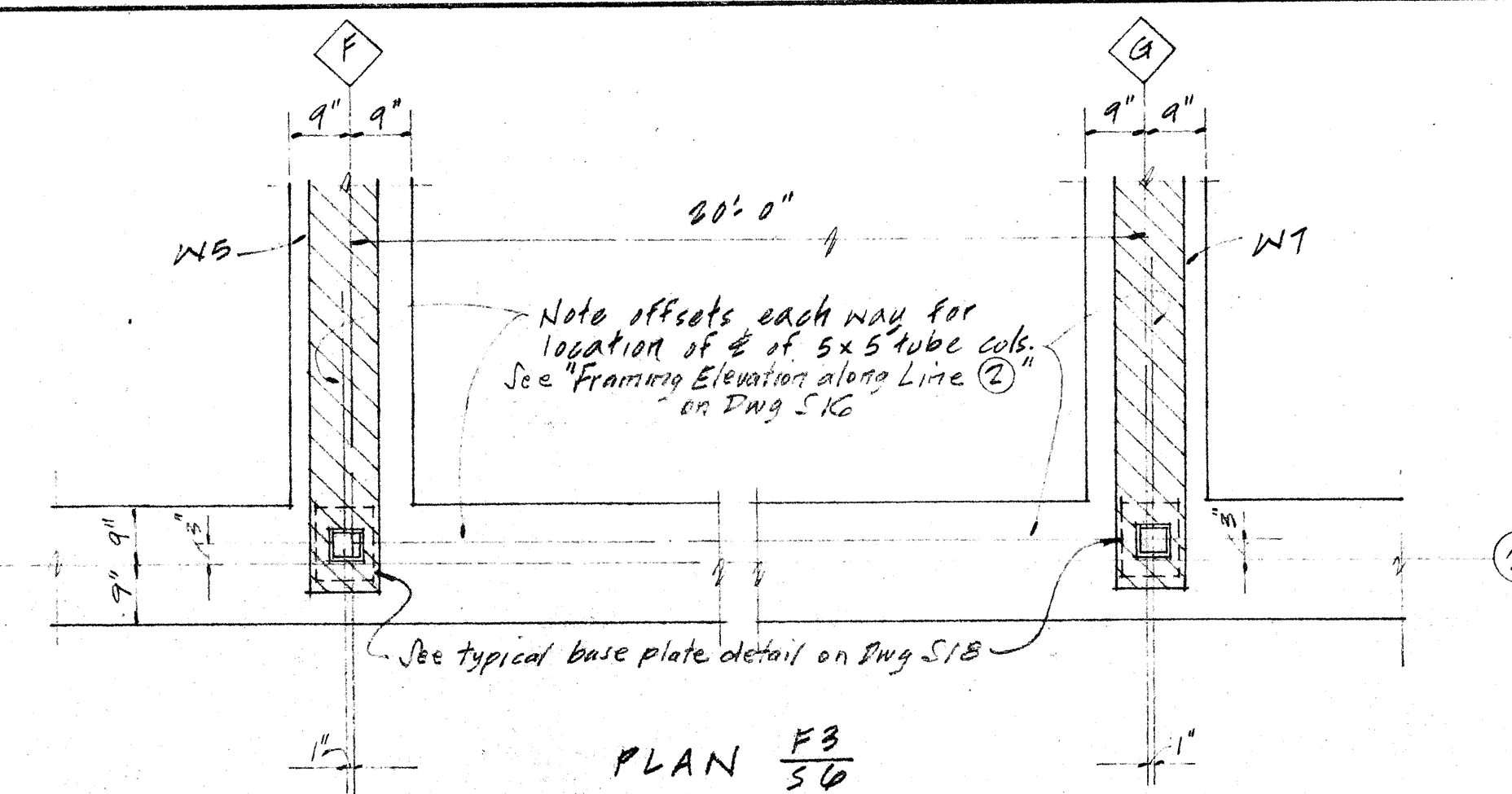
SHEET **54**

OF 19

DATE: *SEP. 26, 1969*

FOUNDATION NOTES

- SEE GENERAL NOTES AND TYPICAL DETAILS, SHEETS S1 AND S2 FOR PERTAINING OR AMPLIFIED DETAILS NOT SHOWN ON THIS SHEET.
- THE SOIL REPORT APPLICABLE TO THIS PROJECT SITE IS BY HARDING, MILLER, LAWSON & ASSOCIATES, ENTITLED "SOIL INVESTIGATION--TECHNICAL VOCATIONAL FACILITY, DIABLO VALLEY COLLEGE, CONCORD, CALIFORNIA", DATED JANUARY 14, 1969.
- FOOTINGS SHALL BEAR ON FIRM, UNDISTURBED GROUND, AS EXCAVATED TO DEPTHS INDICATED ON THE FOUNDATION PLAN, OR ON APPROVED COMPACTED FILL CONTROLLED AND SUPERVISED BY A DULY APPOINTED SOILS ENGINEER, AND RE-EXCAVATED TO DEPTHS INDICATED ON THE FOUNDATION PLAN.
- FOR BIDDING PURPOSES, THE ELEVATION OF THE BOTTOM OF FOOTINGS SHALL BE AS INDICATED ON THE FOUNDATION PLAN AND ON DETAILS (OR SCHEDULES). THESE FOOTING DEPTHS SHALL BE APPROVED DURING FOUNDATION EXCAVATION AND CONSTRUCTION BY THE SOIL ENGINEER. SEE SPECIFICATIONS FOR CONTRACT ADJUSTMENT DUE TO VARIATION FROM PLANS.
- SOIL PRESSURES UNDER FOOTINGS AS DESIGNED DO NOT EXCEED 3000 PSF DUE TO COMBINED DEAD LOAD PLUS DESIGN LIVE LOADS. NOR EXCEED 4500 PSF DUE TO COMBINED DEAD LOAD PLUS DESIGN LIVE LOADS PLUS GOVERNING DESIGN WIND OR SEISMIC LOAD.
- WHERE FOUNDATION WALL BACKFILL IS NECESSARY, THE BACKFILL SHALL BE PLACED SIMULTANEOUSLY ON EACH SIDE OF WALL, AND THE LEVEL ON ONE SIDE SHALL NOT EXCEED THE OTHER SIDE BY MORE THAN 6" DURING THIS OPERATION. FOR BASEMENT TYPE OF WALL, WITH BACKFILL ON ONE SIDE, BACKFILL SHALL BE PLACED NOT SOONER THAN 15 DAYS AFTER CONCRETE HAS BEEN POURED.
- +0'-0" = ELEV. +60'-0" FINISH FIRST FLOOR. COORDINATE THROUGHOUT FOR DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
- SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND ANY OTHER INCLUDED DRAWINGS, AND CONSULT WITH THE RESPECTIVE TRADES, FOR VERIFICATION OF ALL ITEMS SHOWN OR NOT SHOWN ON STRUCTURAL PLANS PRIOR TO POURING CONCRETE FOOTINGS, GRADE BEAMS, WALLS, AND FLOOR SLABS. VERIFY LOCATIONS FOR OPENINGS OR PENETRATIONS THROUGH CONCRETE, CONCRETE CURBS, FLOOR DEPRESSIONS, FLOOR SLOPES AND DRAINS, INSERTS, ETC.
- See Detail F1 for typical subgrade under all interior concrete slab on grade. For requirements of fill or excavation at the building site with respect to finish floor elevations, see Architectural Fig. 2 for approximate existing ground elevations from contours shown on site plan. See Specifications for requirements of site preparation, fill materials, dampproof lining, etc.

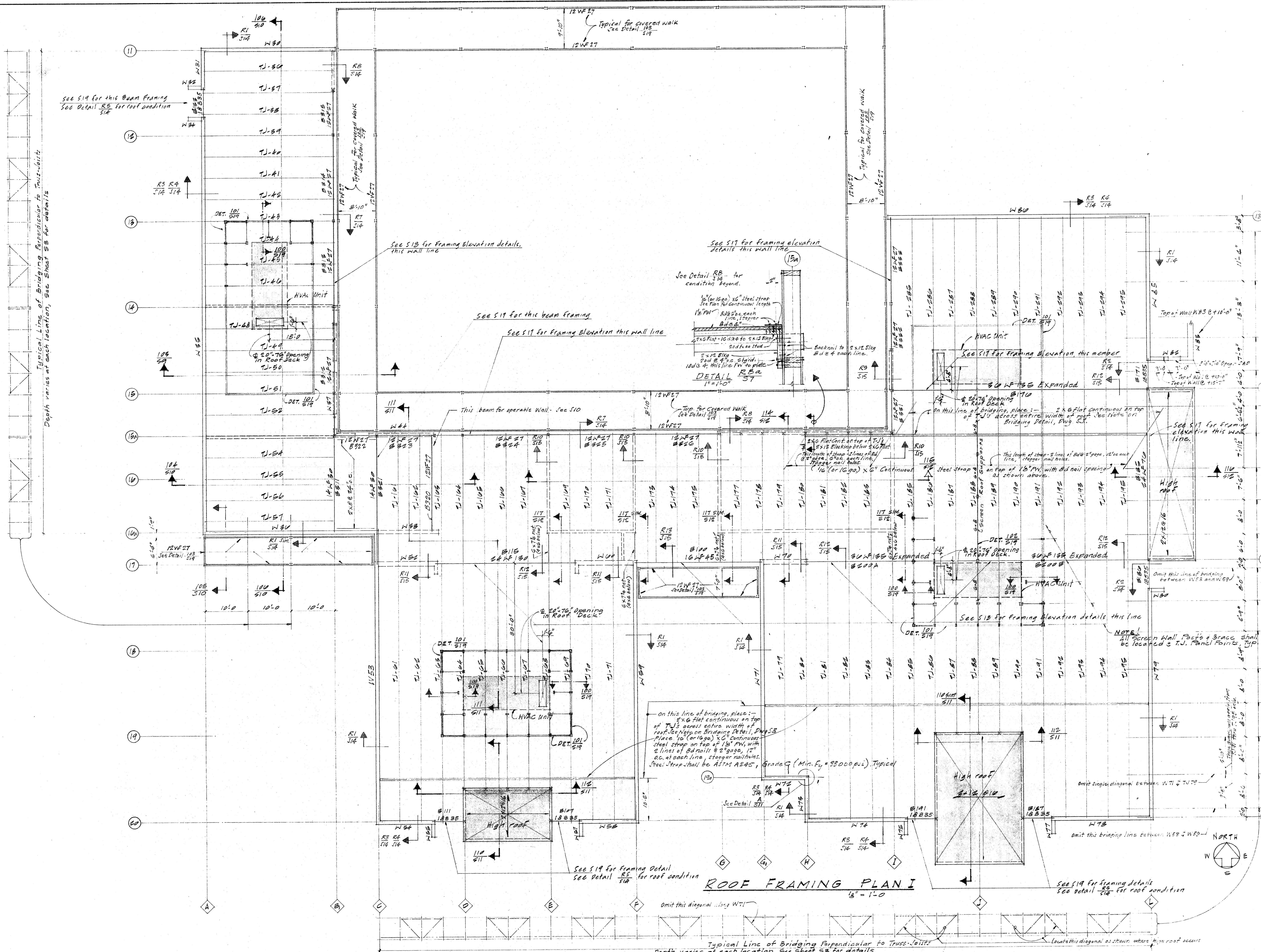


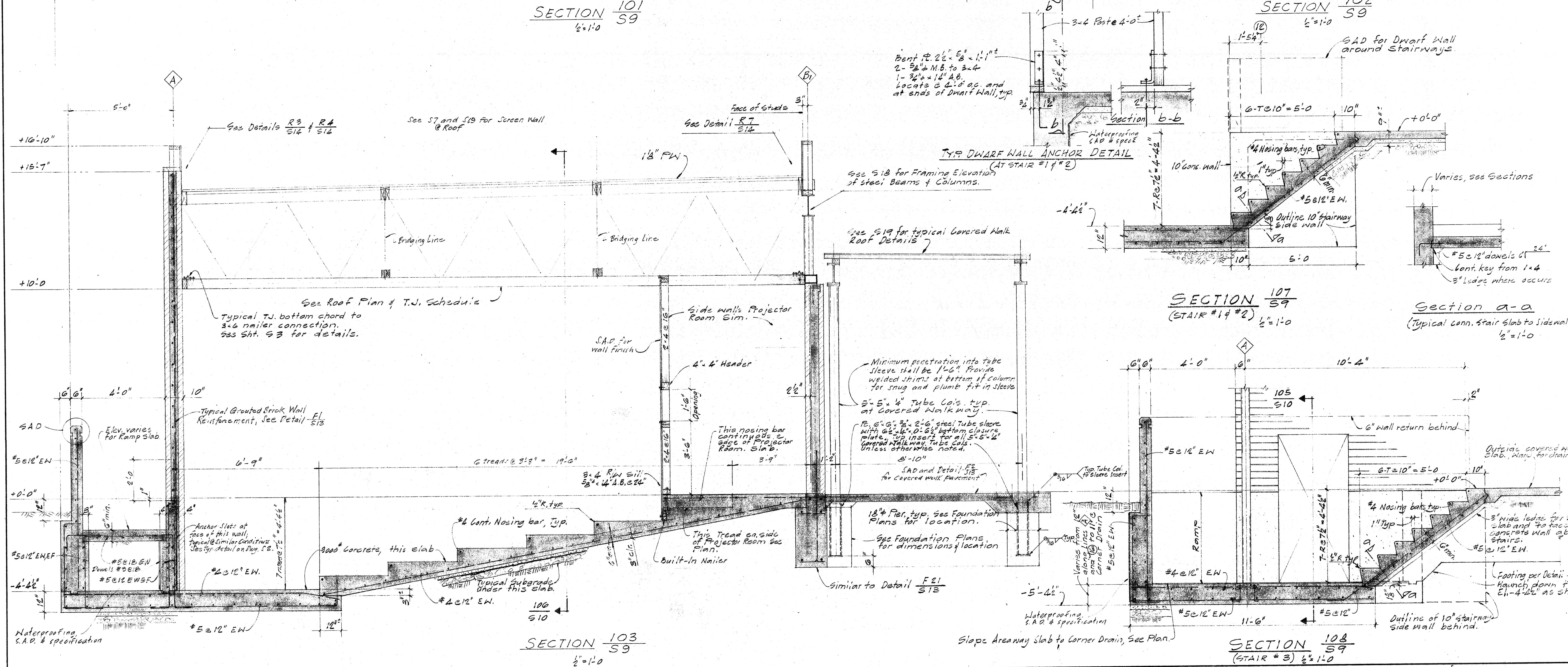
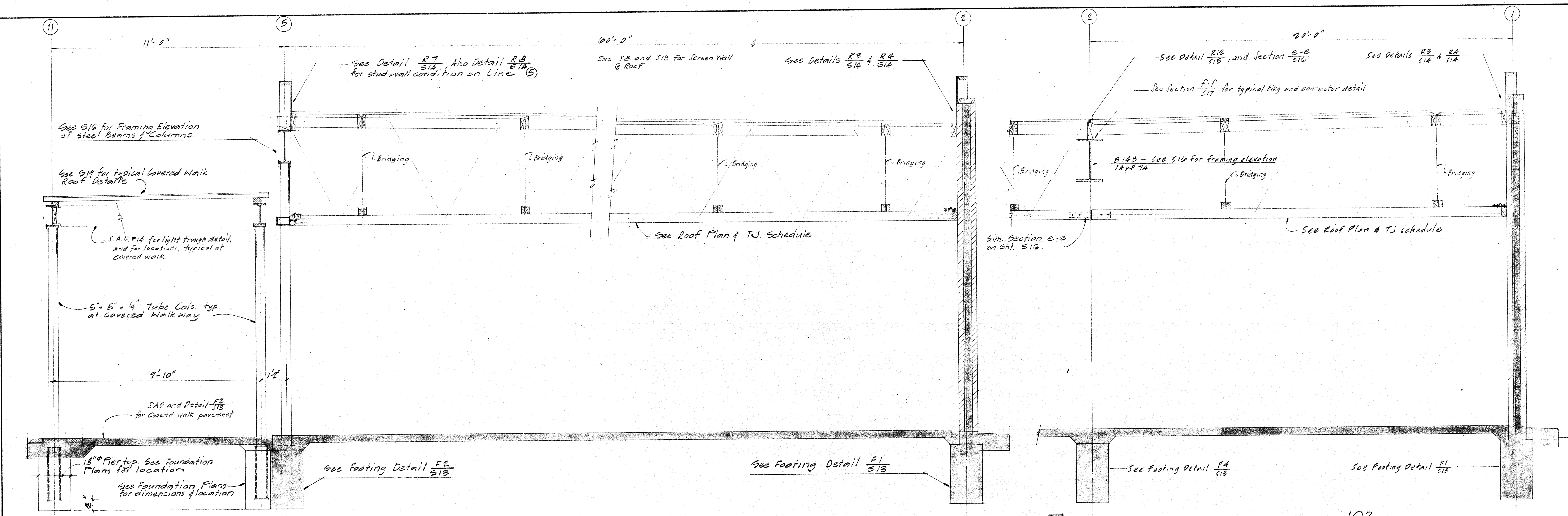
FOUNDATION AND FLOOR PLAN II 1/8"=1'-0"

ARCHITECT
STRUCTURAL ENGINEER
REGISTERED IN CALIFORNIA
MILTON G. LEONG
32247 APPROVED OCT 3-1969
CONSULTING ENGINEER

COMETTA AND SOTARU
3516 MACDONALD AVENUE
RICHMOND, CALIF. 94803
CONFER + LARSEN + CROSSEN
1200 COSTA BLVD.
CONCORD, CALIF. 94602
A. COMETTA, PARTNER
F. L. LARSEN, ARCHITECT
J. E. CROSEN, ARCHITECT
ASSOCIATED ARCHITECTURAL FIRM S.F. CONF. PARTNER

FOUNDATION AND FLOOR PLAN II
TECHNICAL - VOCATIONAL FACILITY
(ENGINEERING-TECHNOLOGY CENTER)
DIABLO VALLEY COLLEGE
CONCORD, CALIF. 94602
SHEET
OF 19
DATE
SEP 26, 1969
REVISED AS BUILT 11-19-71



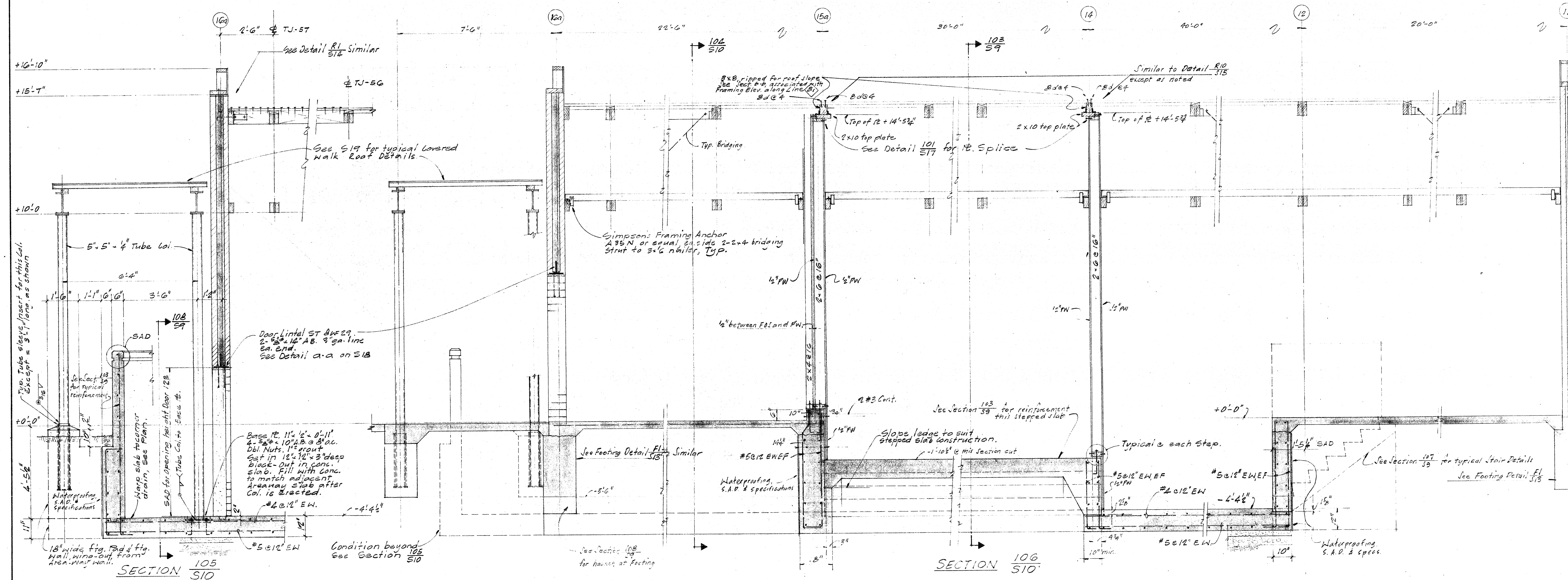
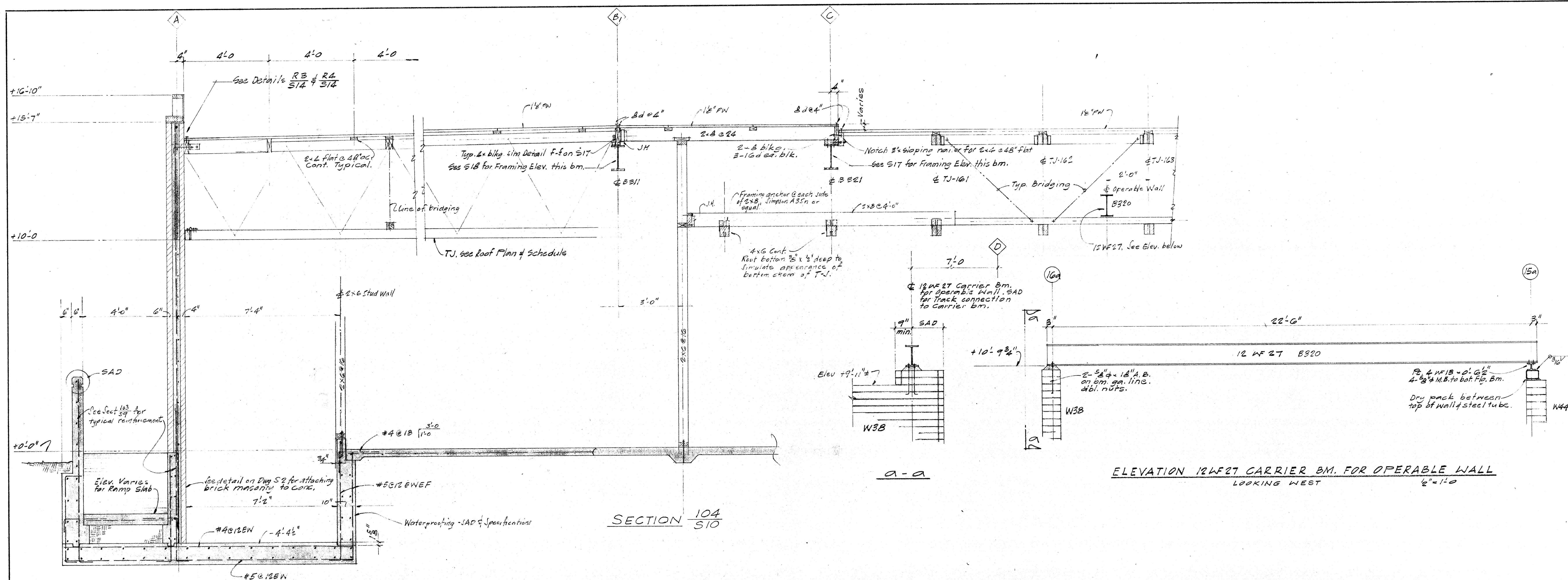


COMETTA AND SOOTAR
 3316 MACDONALD AVENUE
 RICHMOND, CALIF. 94807
 888-2292

CONFER + LARSEN + CROSEN
 1300 CONCORD BLVD.
 CONCORD, CALIF. 94608
 925-308-1100

STRUCTURAL SECTIONS
 TECHNICAL - VOCATIONAL FACILITY
 (ENGINEERING - TECHNOLOGY CENTER)
 1500 VALLEY COLLEGE STREET
 SAN JOSE, CALIF. 95128

SECTION S9
 OF 13
 DATE
 SEPT. 26, 1969



<p>WILMINGTON G. LEONG STRUCTURAL ENGINEER 1750 S. HARTING SQUARE BERKELEY 4, CALIFORNIA</p>	<p>ARCHITECT <i>Wm. Leong</i></p> <p>STRUCT. ENGINEER <i>Wm. Leong</i></p>
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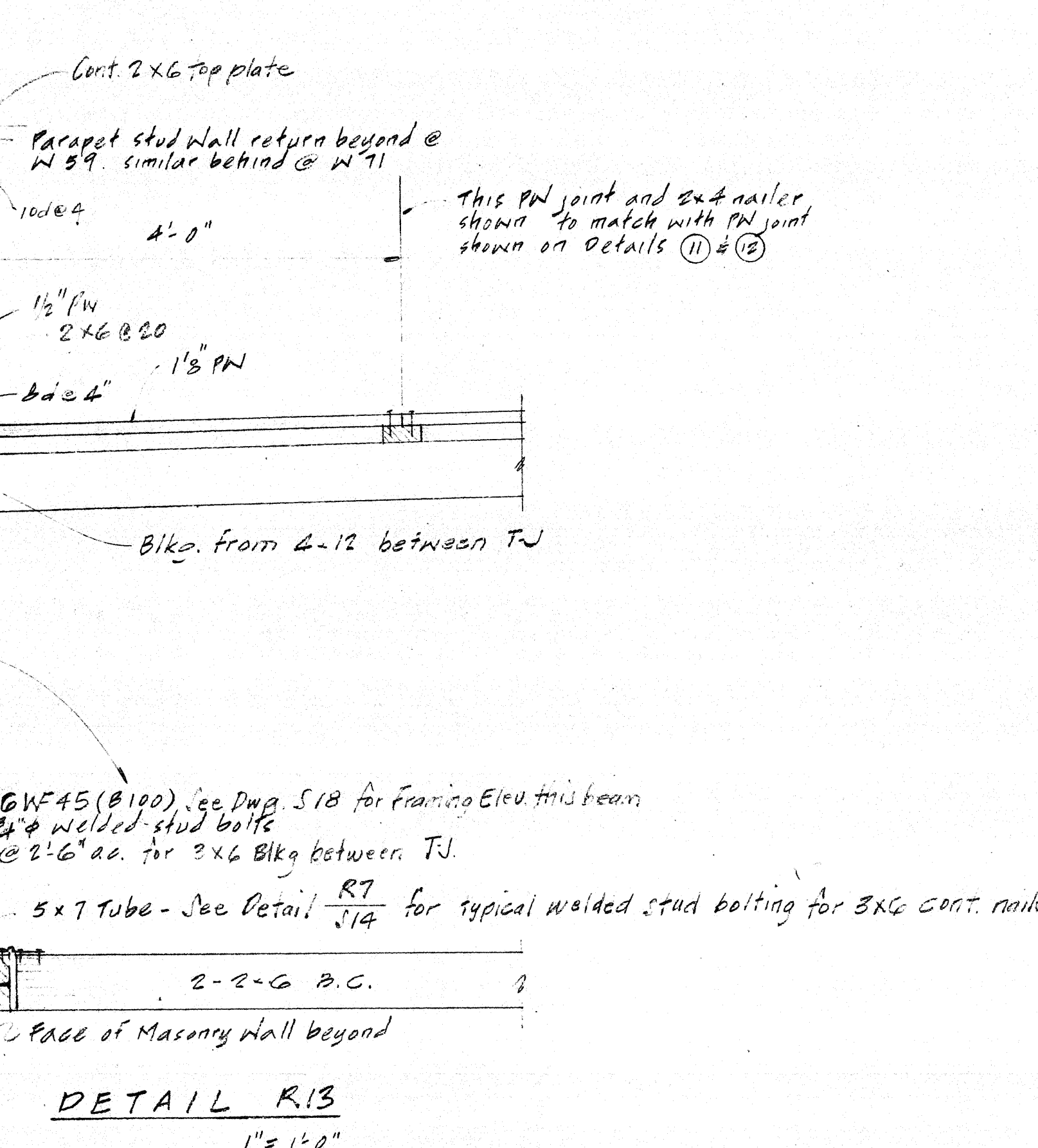
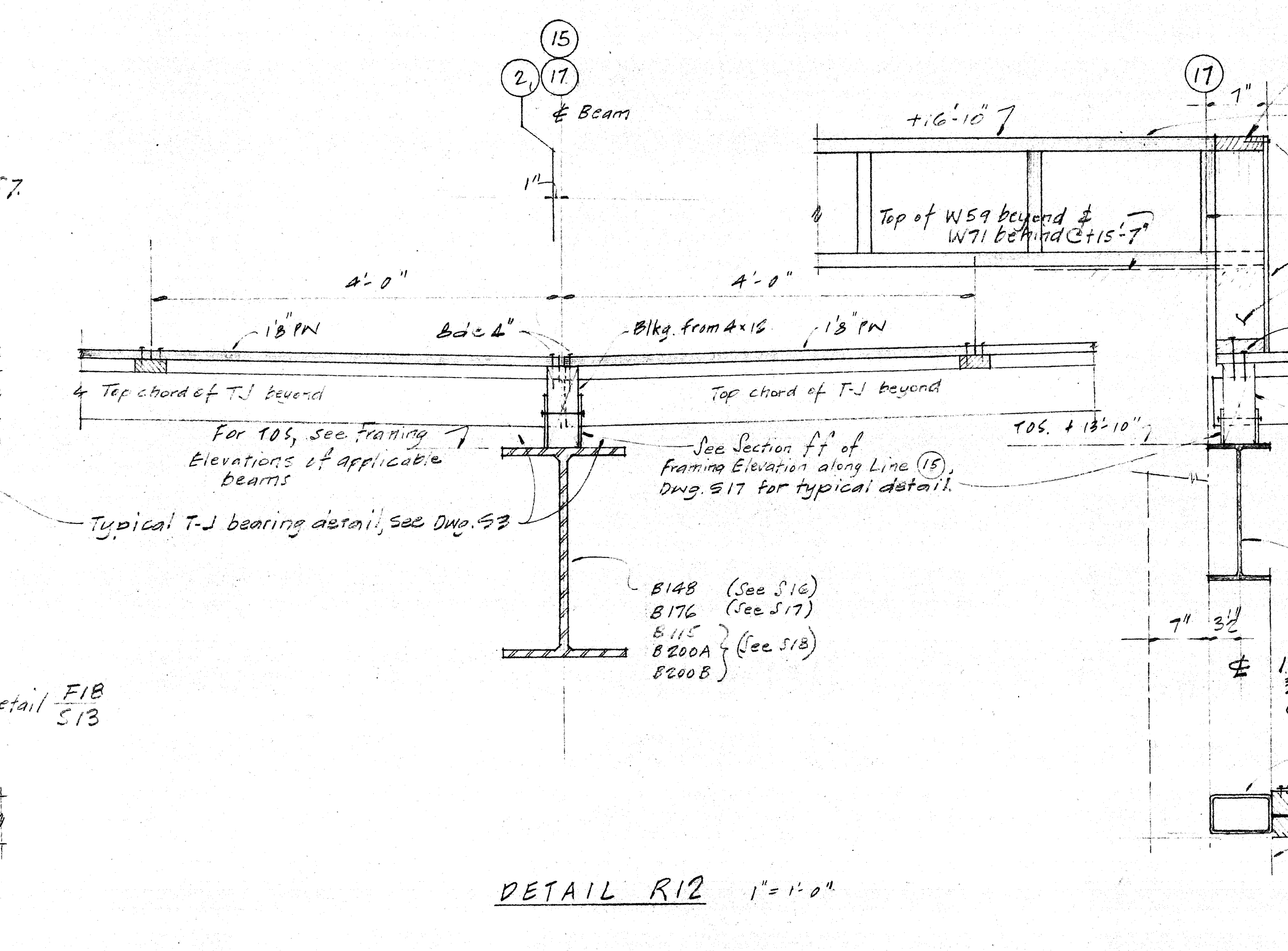
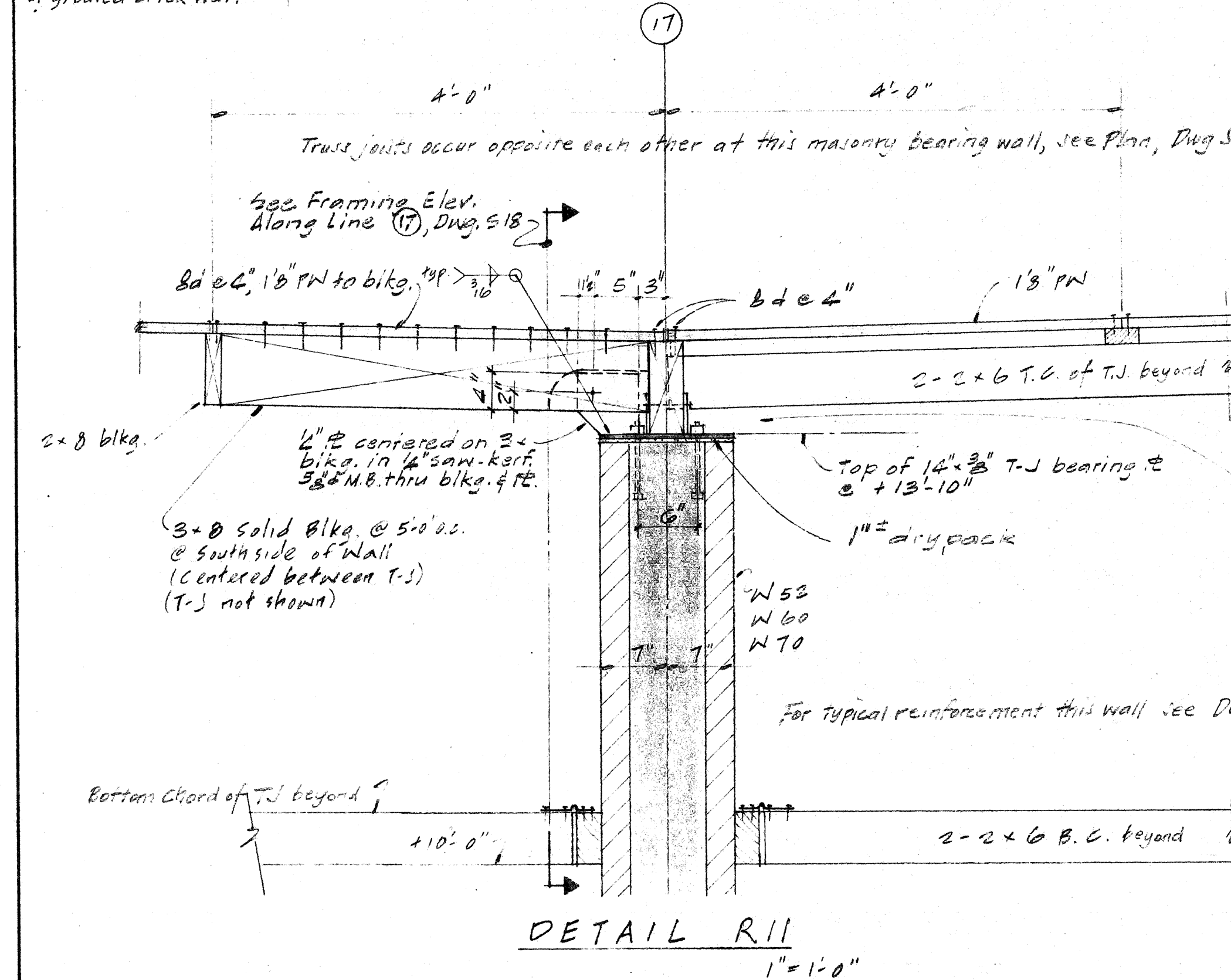
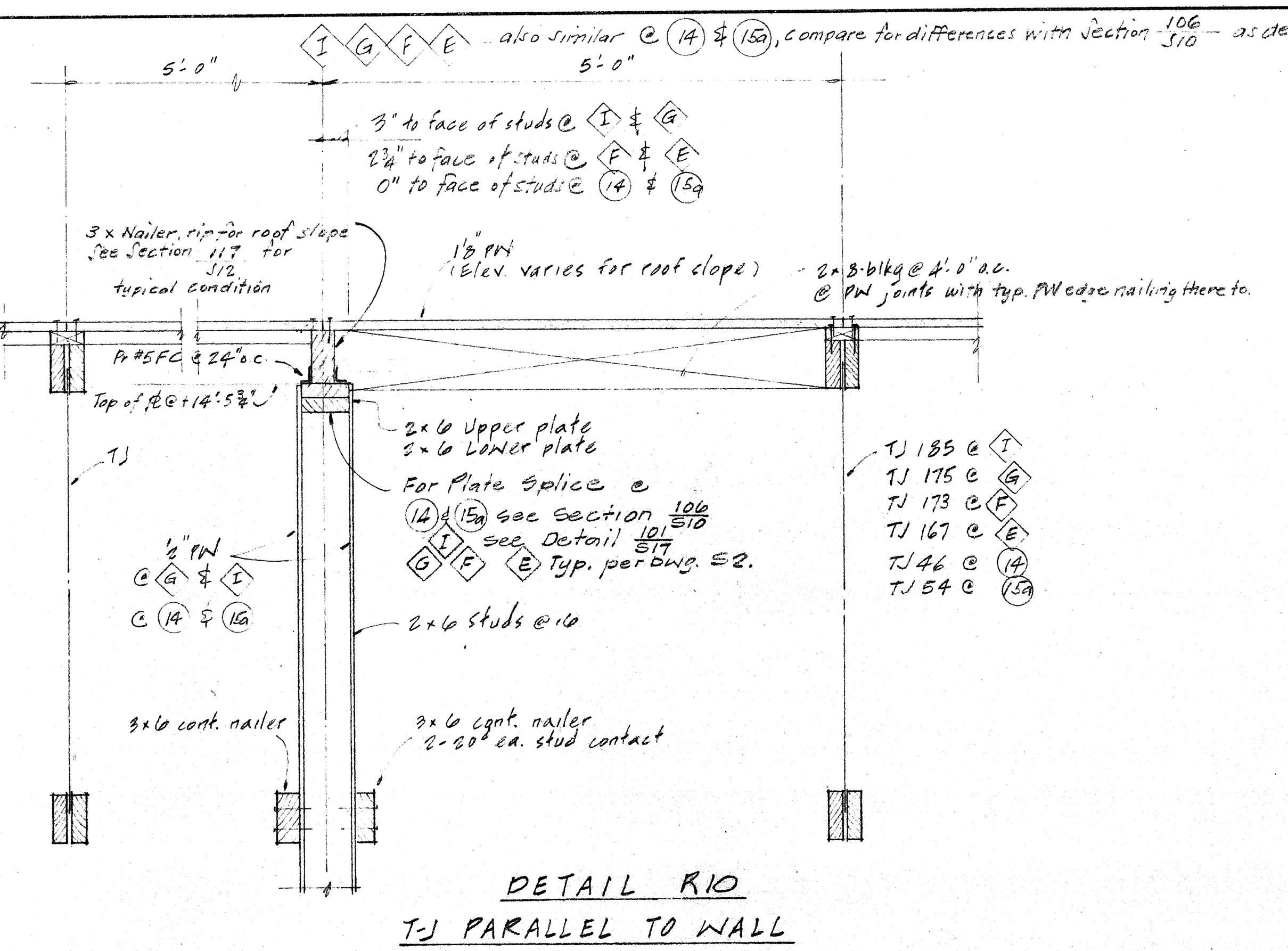
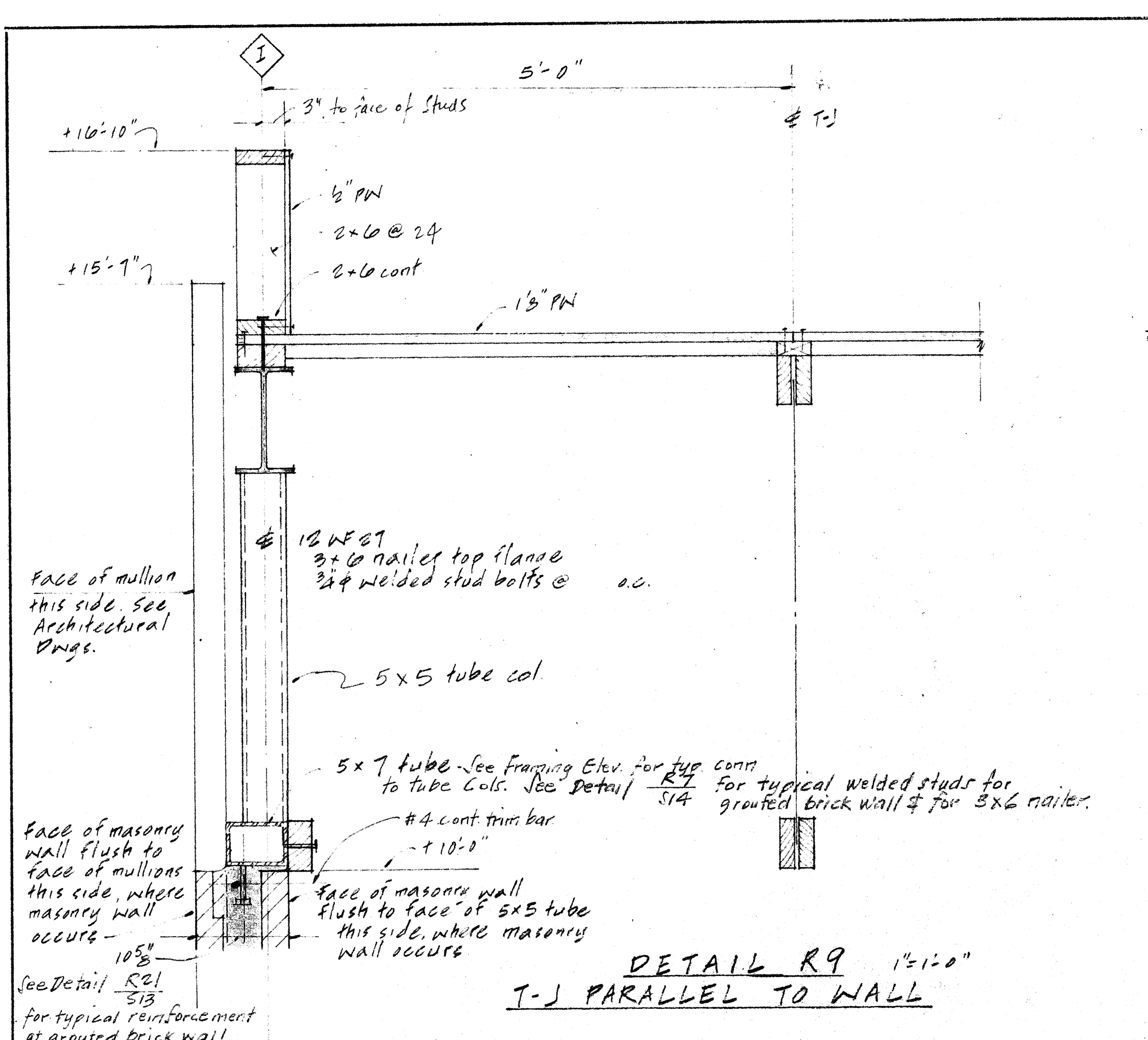
82247 APPROVED 11-13
1964

COMETTA AND SONS
 3318 MACDONALD AVENUE RICHMOND, CALIF. 232-2837
CONFER + LARSEN + CROSSEN
 1500 CONTRA COSTA BLVD. CONCORD, CALIF. 886-2592

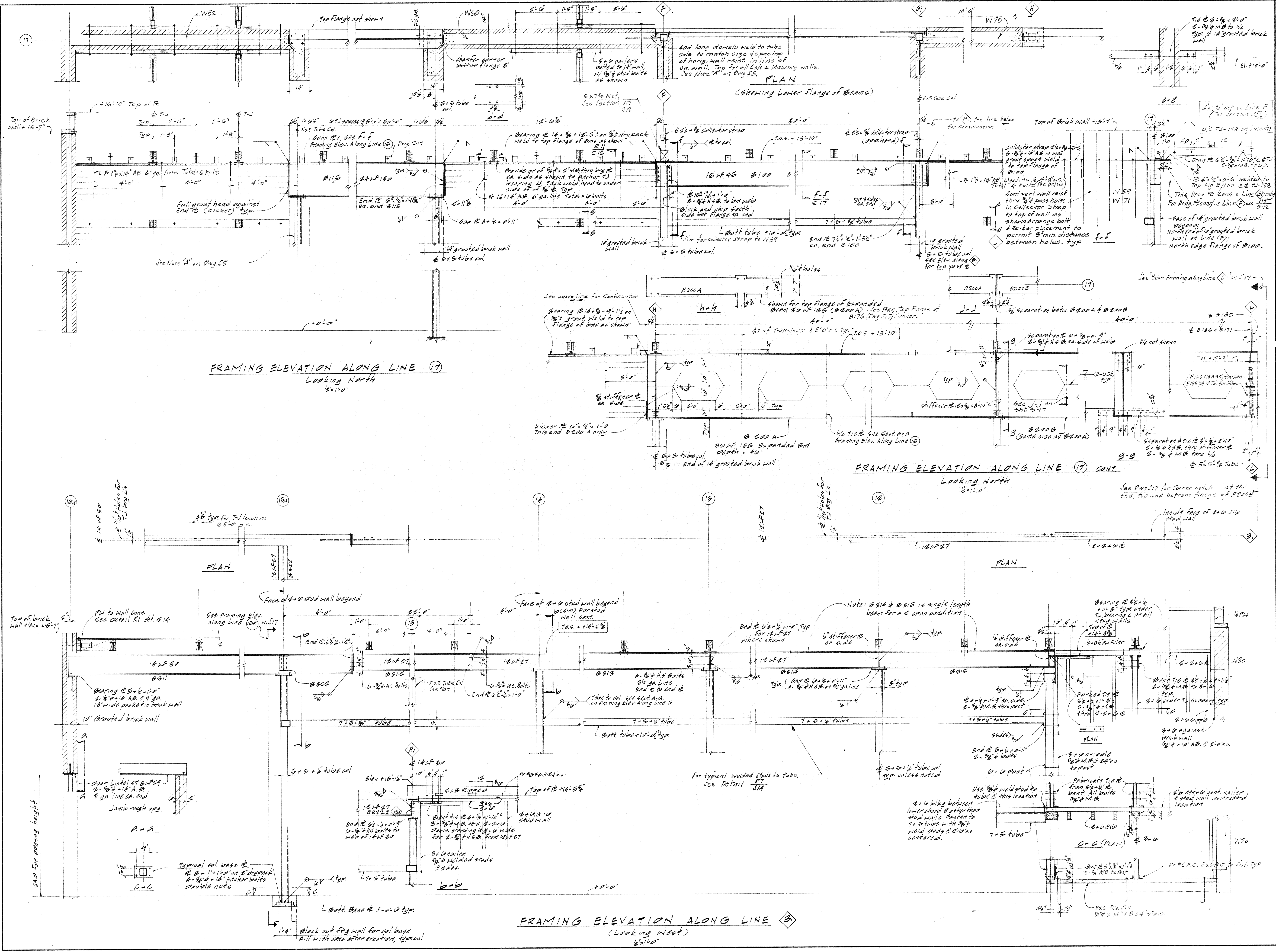
STRUCTURAL SECTIONS

TECHNICAL - VOCATIONAL FACILITY
(ENGINEERING-TECHNOLOGY CENTER)
DIABLO VALLEY COLLEGE
CONTRA COSTA JUNIOR COLLEGE DISTRICT

SHEET
S10
OF 19
DATE
SEPT. 26, 19



COMETTA AND SOOTARU 3516 MADONNARD AVENUE, RICHMOND, CALIF. 94807 3516 MADONNARD AVENUE, RICHMOND, CALIF. 94807 1200 COSTA BLVD., CONCORD, CALIF. 94622 F. A. COMETTA, PARTNER F. A. COMETTA, ARCHITECT F. A. COMETTA, ARCHITECT A. SOOTARU, ARCHITECT A. SOOTARU, ARCHITECT A. SOOTARU, ARCHITECT		ARCHITECT STRUCTURAL ENGINEER CONSULTING ENGINEER
ROOF AND WALL DETAILS TECHNICAL - VOCATIONAL FACILITY (ENGINEERING-TECHNOLOGY CENTER) OAKLAND JUNIOR COLLEGE OAKLAND JUNIOR COLLEGE DISTRICT PLEASANT HILL, CALIFORNIA		SHEET S15 OF 19 DATE SEPT. 20, 1969



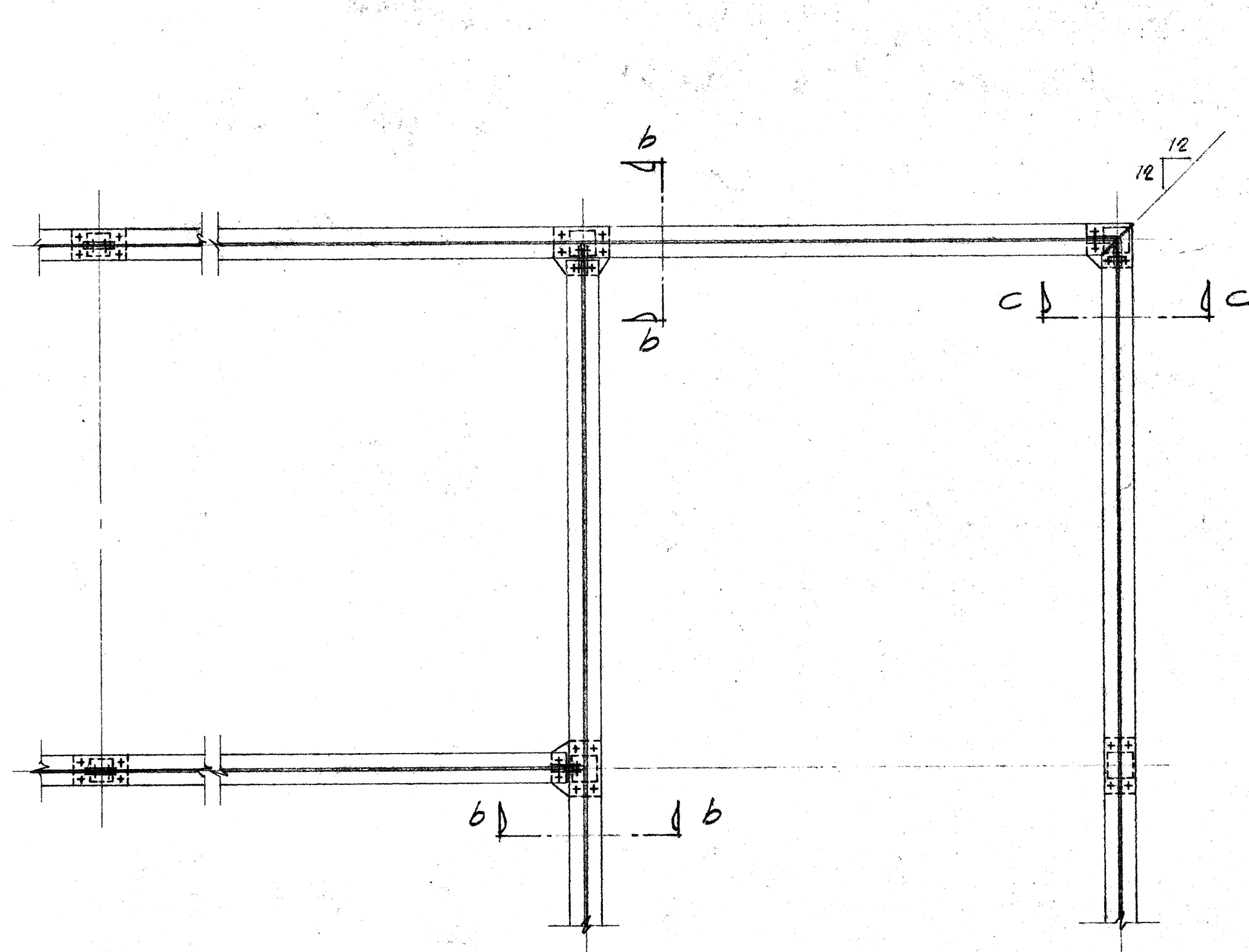
ARCHITECT: **COMETTA AND SOOTARD**
1800 AVENUE 100, RICHMOND, CALIF. 94804
REGISTERED ARCHITECTS
SINCE 1934

ENGINEER: **CONFER + LARSEN + CROSSEN**
1800 AVENUE 100, RICHMOND, CALIF. 94804
REGISTERED PROFESSIONAL ENGINEERS
SINCE 1934

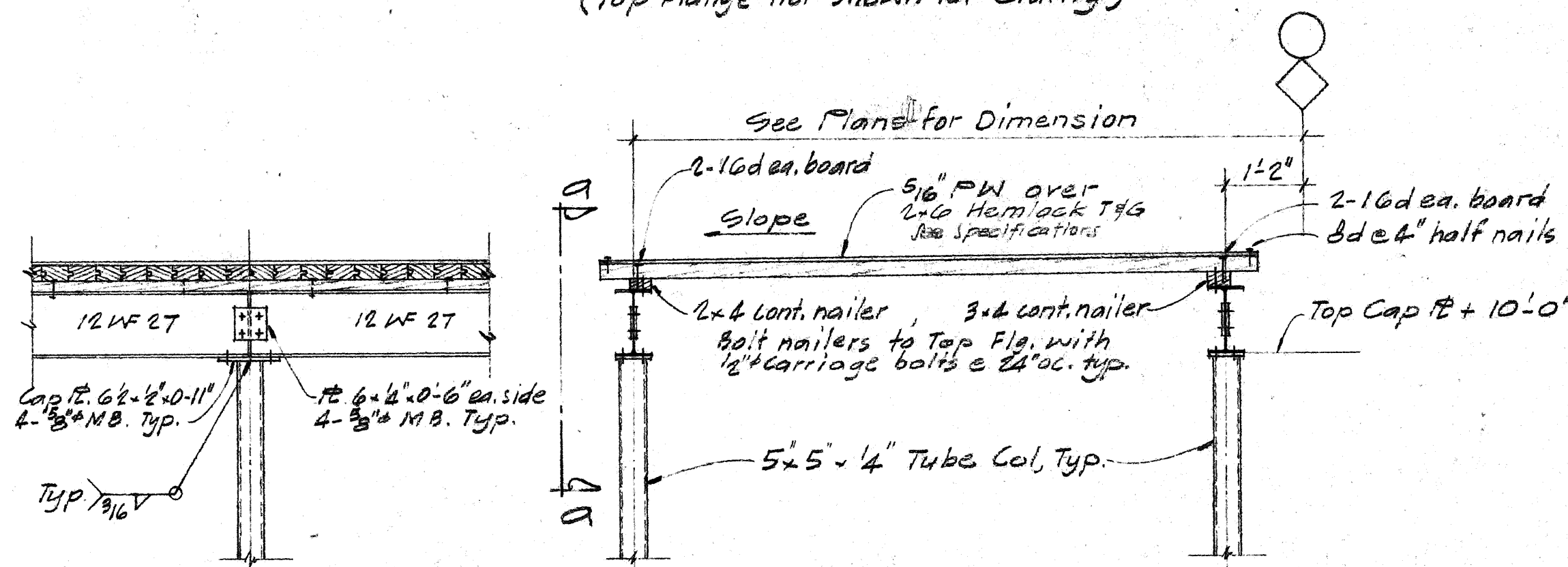
DATE: **NOV. 20, 1969**

PROJECT: **TECHNICAL - VOCATIONAL FACILITY
(ENGINEERING TECHNOLOGY CENTER)**
DIABLO VALLEY COLLEGE DISTRICT
CONTRA COSTA JUNIOR COLLEGE DISTRICT
PLEASANT HILL

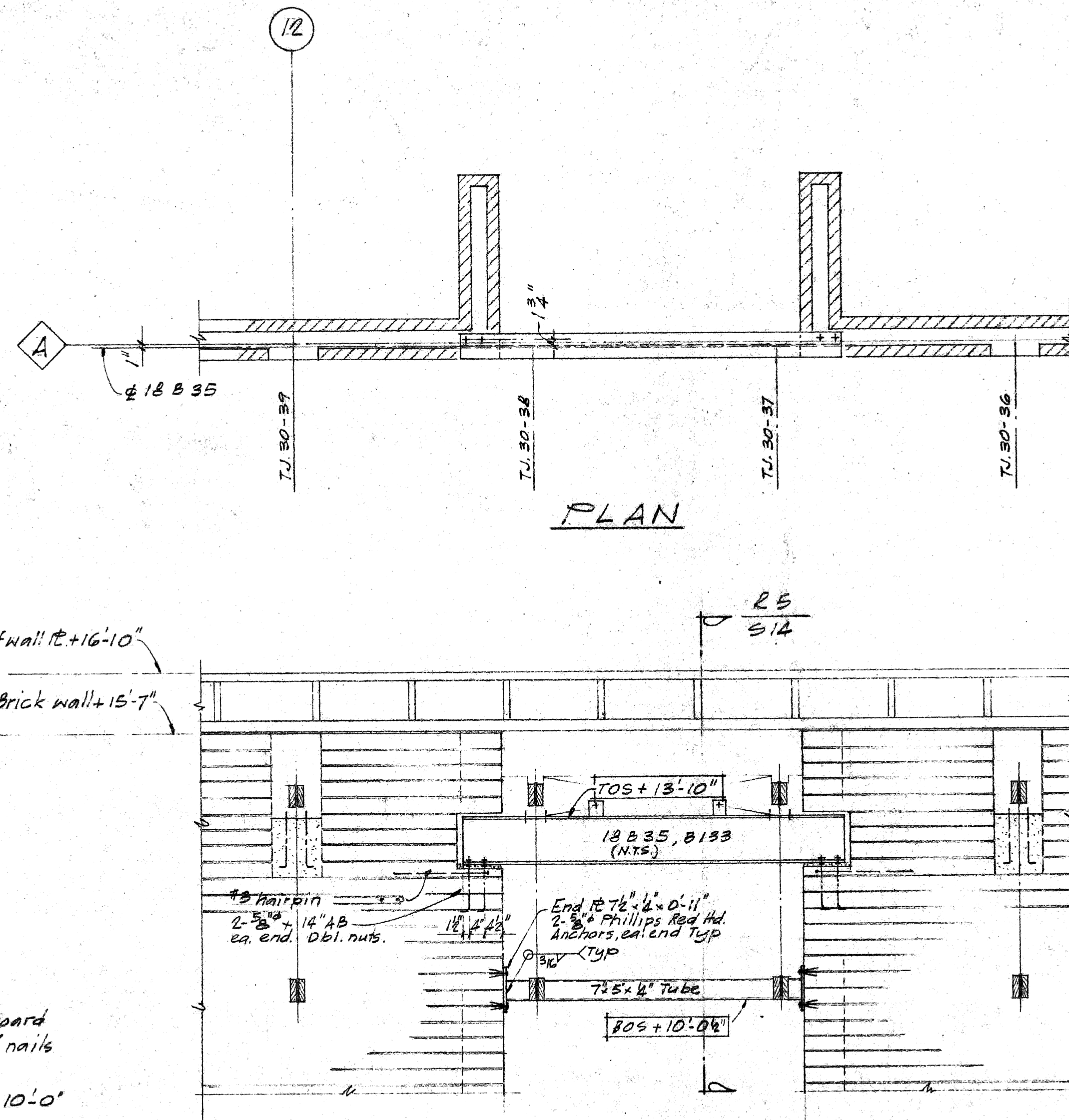
SHEET: **S18**



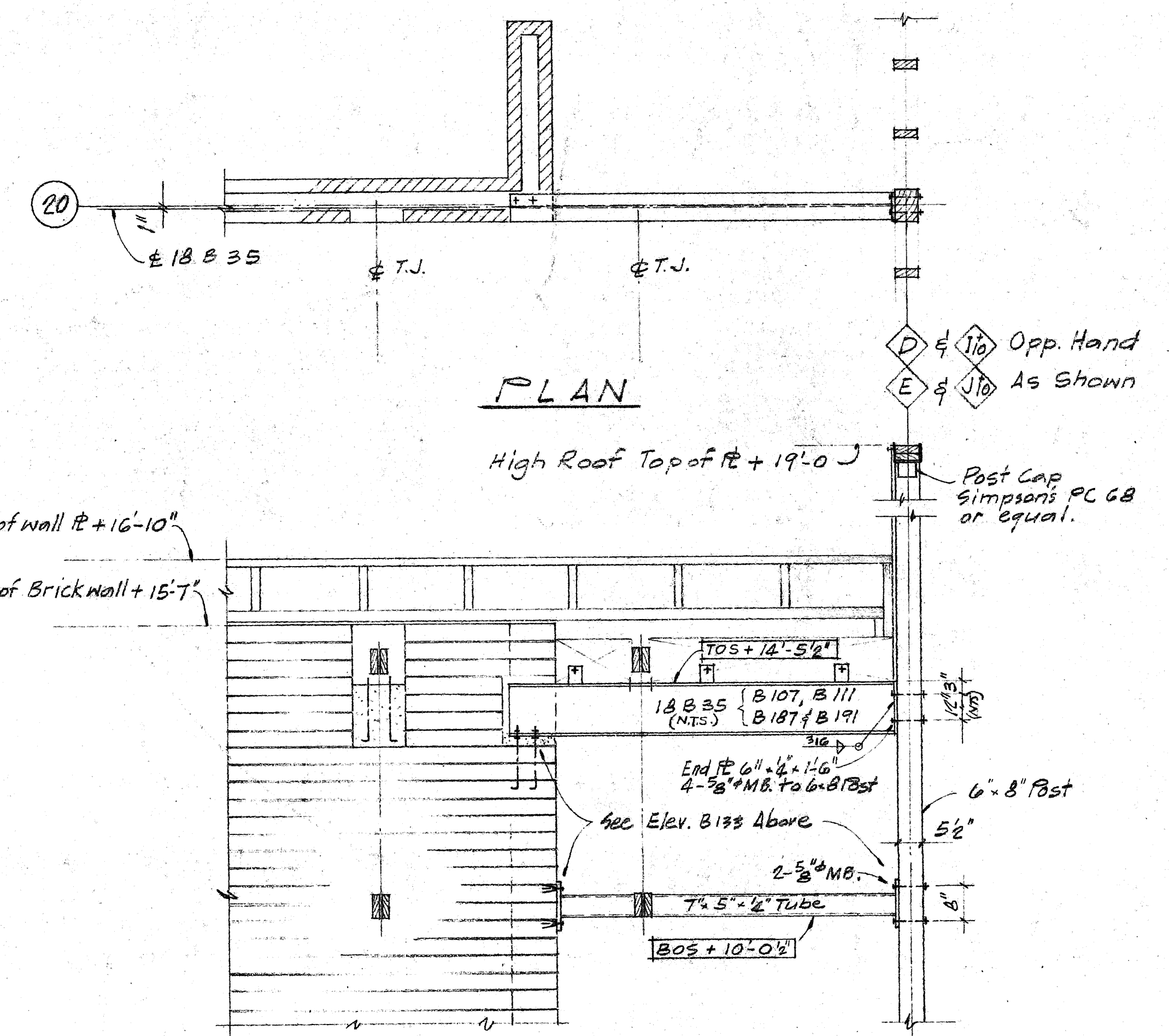
PLAN
TYPICAL COVERED WALK FRAMING
(Top flange not shown for clarity)



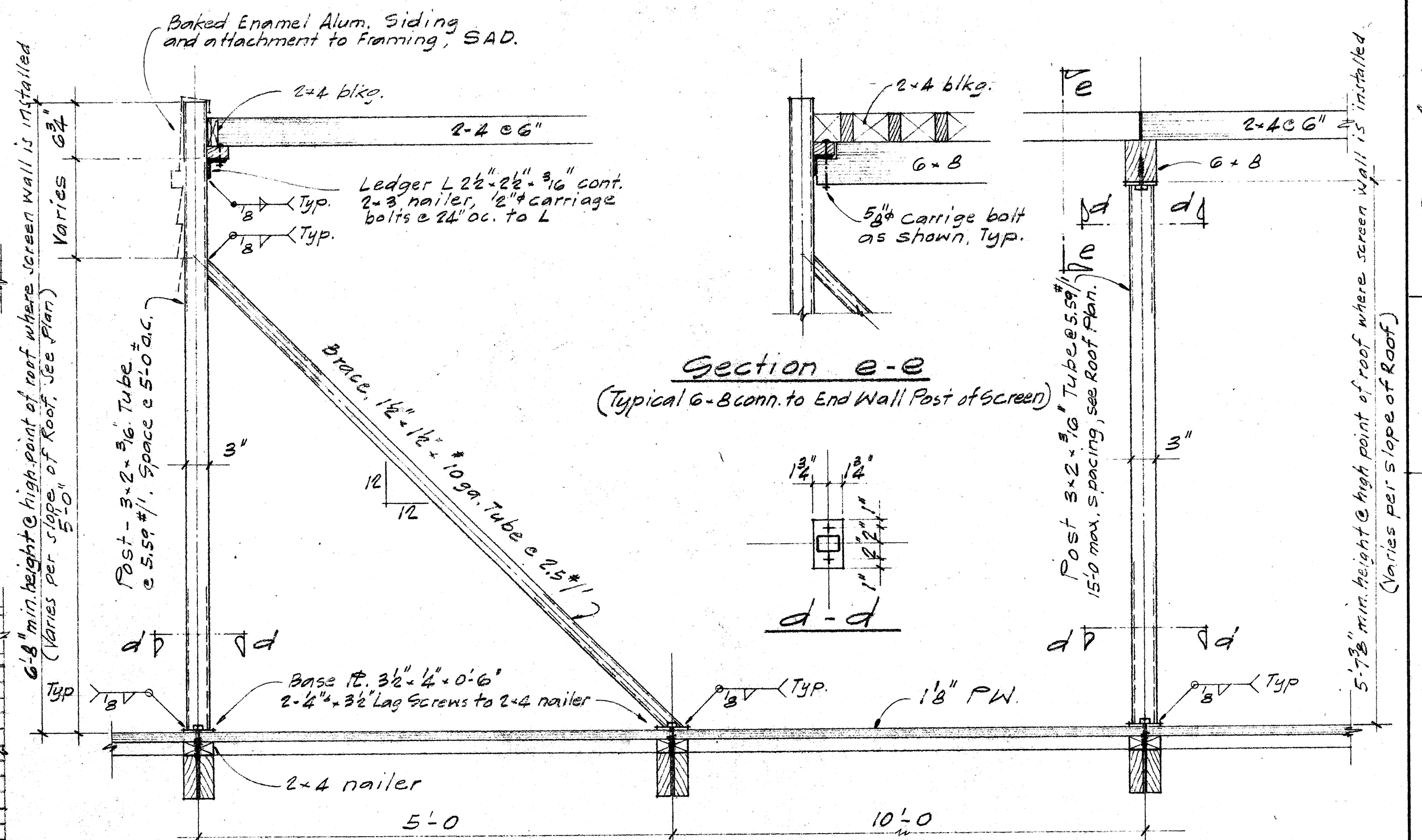
Section a-a
Section b-b
TYPICAL SECTION
THRU COVERED WALK ROOF



FRAMING ELEVATION OF BEAM B133
(ALONG LINE A LOOKING WEST)

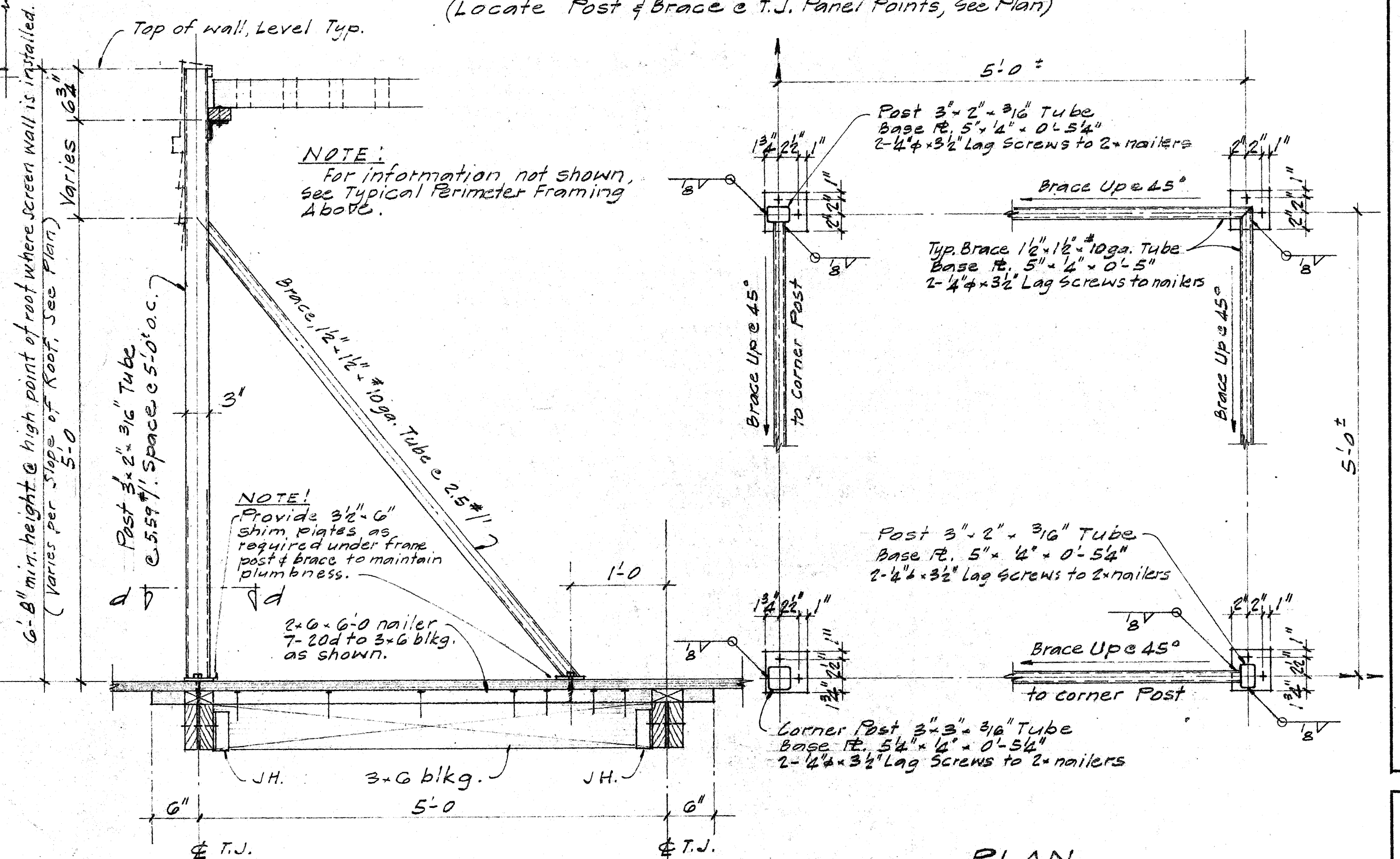


FRAMING ELEVATION OF BEAM B107 & B187 AS SHOWN
B111 & B191 OPP. HAND
(ALONG LINE B LOOKING SOUTH)



DETAIL 101
TYPICAL PERIMETER FRAMING
(Locate Post & Brace @ T.J. Panel Points, see Plan)

DETAIL 102
TYPICAL INTERMEDIATE SUPPORT FRAMING
(Locate Post & Brace @ T.J. Panel Points, see Plan)



SECTION 100
TYPICAL POST BRACING AT SCREEN WALL CORNERS
(Locate Post & Brace @ T.J. Panel Points, see Plan)

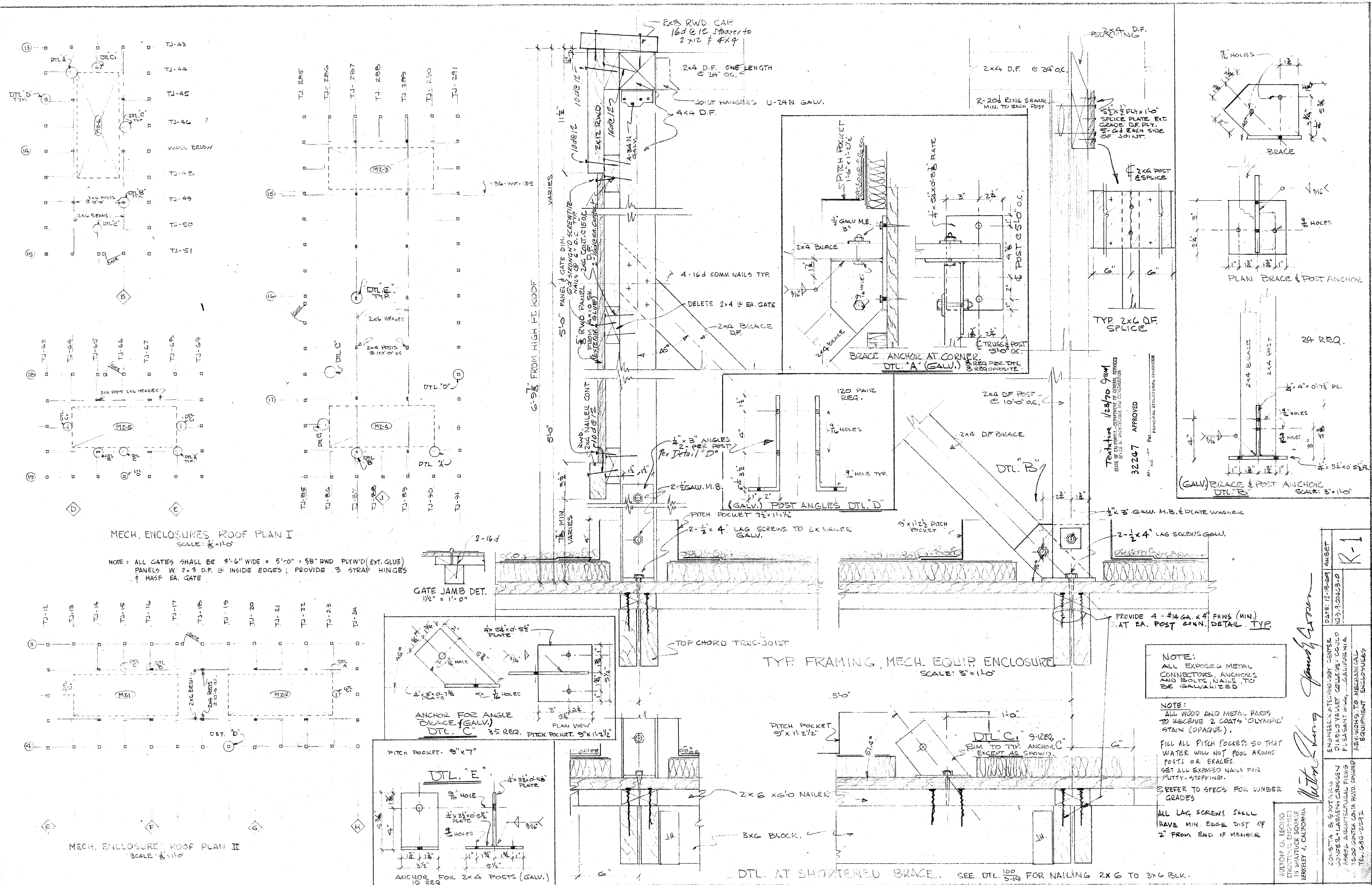
ROOF SCREEN FRAMING DETAILS
1" = 1'-0"

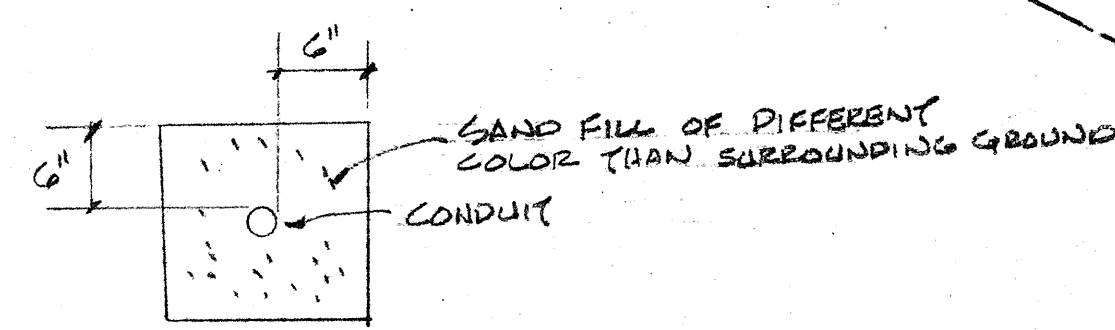
SEE GHT. R-1 FOR REVISED DETAILS

MILTON G. LEONG
STRUCTURAL ENGINEER
3241 T. APPROVED
3-1-71

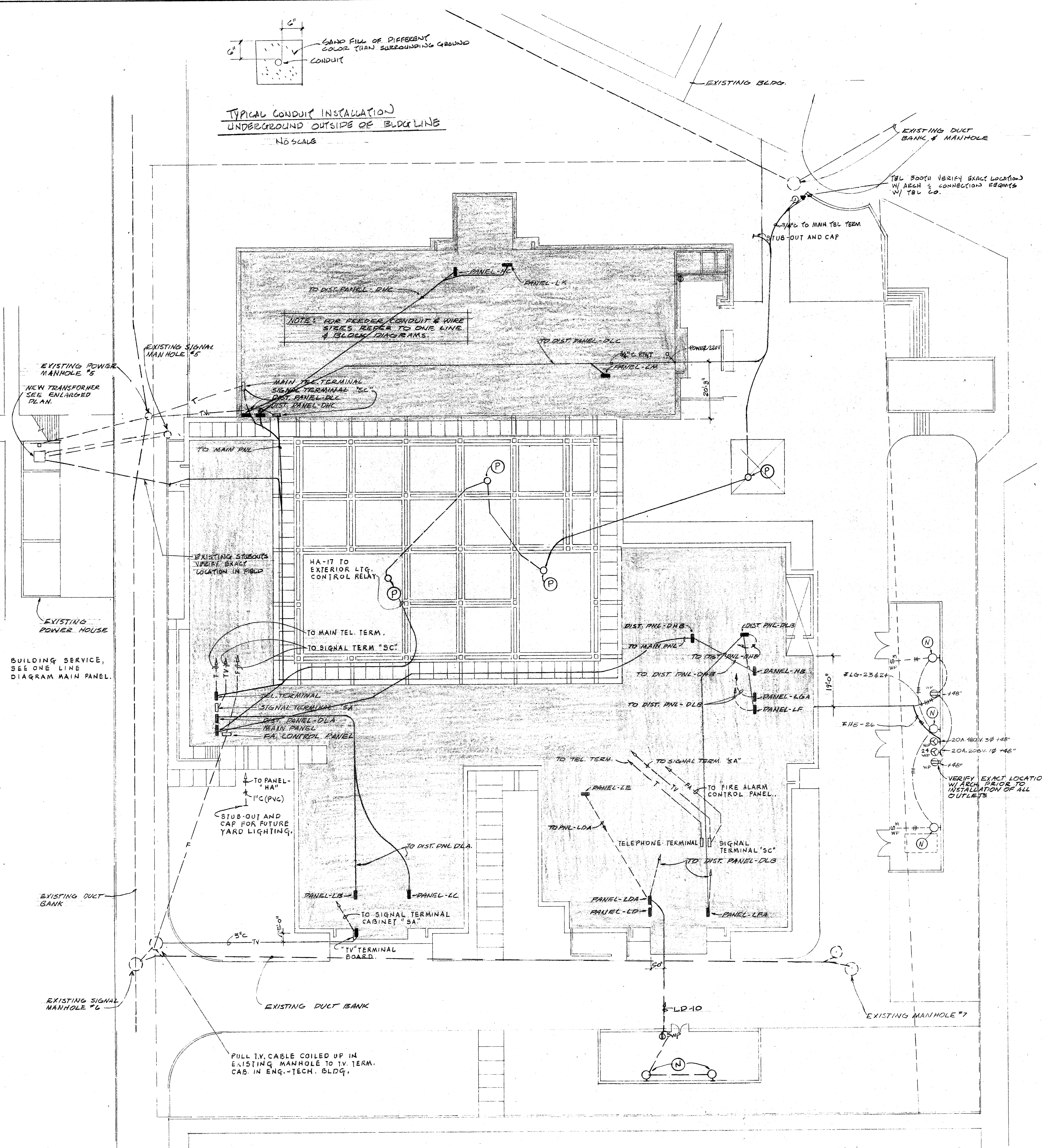
COMETTA AND SOOTARU
ARCHITECTS
1330 COSTA BLVD.
CONCORD, CALIF. 94601
F. L. R. CONFER, ARCHITECT
ASSOCIATED ARCHITECTURAL FIRMS P.W. CONFER, PARTNER

MISCELLANEOUS FRAMING DETAILS
TECHNICAL - VOCATIONAL FACILITY
(ENGINEERING - TECHNOLOGY CENTER)
DIABLO VALLEY COLLEGE
CONCORD, CALIF. 94601
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Typical Conduit Installation
UNDERGROUND OUTSIDE OF BLDG LINE
NO SCALE



SITE PLAN 1/8" = 1'-0"

GENERAL NOTES

- ELECTRICAL DESIGN IS BASED ON SPECIFIC EQUIPMENT. EQUIPMENT ACTUALLY INSTALLED WHICH REQUIRES ALTERATIONS OR ADDITIONS TO THE DESIGNED SYSTEM SHALL BE PAID FOR BY THE GENERAL CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- MOUNTING HEIGHTS (+5'-0") ARE TO CENTER LINE OF DEVICE OR EQUIPMENT FROM FINISHED FLOOR LINE UNLESS NOTED OTHERWISE.
- ALL BACKBOARDS FOR SURFACE MOUNTED ELECTRICAL EQUIPMENT SHALL BE FURNISHED & INSTALLED UNDER THIS SECTION OF THE WORK. BACK BOARDS SHALL BE 3/4" W.P. PLYWOOD, SIZE AS REQD. PAINT WITH TWO (2) COATS FLAT BLACK.
- ALL CONTROL DEVICES, TIME SWITCHES, RELAYS, STATUSES, REMOTE CONTROL SWITCHES, PANELS, DIST. PNL. MAIN PANEL & TERMINAL CABINETS ETC. SHALL BE PROVIDED WITH ENGRAVED NAMEPLATES SECURED TO EQUIPMENT WITH SCREWS.
- ALL ELECTRICAL EQUIPMENT & MECHANICAL EQUIPMENT WITH ELECTRICAL COMPONENTS SHALL BE INSTALLED IN ACCORDANCE WITH TITLE 24, BLDG. STANDARDS, CALIF. ADMIN. CODE.
- SEE MECHANICAL DRAWINGS & SPECIFICATION FOR CONTROL & EXACT LOCATION OF MECHANICAL EQUIPMENT. WIRING & INSTALLATION SHALL BE IN ACCORDANCE WITH MECHANICAL DRAWINGS & SPECIFICATIONS.
- AS BUILT DRAWINGS. UPON COMPLETION OF THE PROJECT DELIVER TO THE ARCHITECT REPRODUCIBLE AS BUILT DRAWINGS.
- BEFORE TO TRENCHING OR EXCAVATION WORK, VERIFY EXISTING UTILITIES IN THE AREA. ANY DAMAGE TO EXISTING UTILITIES OR EXISTING YARD SURFACES SHALL BE REPAIRED AS DIRECTED BY THE ARCHITECT.

LIGHTING FIXTURE NOTES

- ALL INCANDESCENT LAMPS SHALL BE INSIDE PROTECTED, UNLESS NOTED OTHERWISE, STANDARD 130VOLT.
- ALL FLUORESCENT LAMPS SHALL BE STANDARD COOL WHITE.
- ALL RECESSED FIXTURES SHALL BE INSTALLED WITH PLASTIC FRAMES & WIRED IN ACCORDANCE WITH LOCAL RULES & REGULATIONS.
- ALL FLUORESCENT FIXTURES SHALL HAVE CLASS "P" ETL-COM-HPF THERMALLY PROTECTED AUTOMATIC RESETTING BALLAST, RADIO NON-INTERFERING, FOR 277VOLT OPERATION UNLESS NOTED OTHERWISE.
- SURFACE FLUORESCENT FIXTURE ON LOW DENSITY CEILING TIE SHALL BE APPROVED FOR SUCH USE OR MOUNTED ON 1/2" SPACERS.
- EXIT LIGHTS SHALL HAVE TWO (2) SEPARATE CIRCUITS, ONE CIRCUIT SEPARATE FROM OTHER CIRCUIT IN THE BUILDING FOR U.S.G. 3512 (E).
- ALL FLUORESCENT FIXTURES OUTSIDE OF THE BLDG OR IN AREAS SUBJECT TO LOW OR WINTER TEMP. SHALL BE PROVIDED WITH LOW TEMP. BALLAST.

PANELBOARD NOTES

- ALL PANELBOARDS SHALL BE EQUIPPED WITH POSITIVE "OFF" LOCKOUT DEVICES, PADLOCKING TYPE, FOR CIRCUITS CARRYING FLUORESCENT LIGHTING FIXTURES PER TITLE 24, BLDG. STANDARDS, CALIF. ADMIN. CODE.
- ALL PANELBOARDS, DIST. PNLs, MAIN PANEL & TERMINAL CABINETS SHALL BE EQUIPPED WITH COBAIN LOCKS MASTER KEY, KEY CAY RIB. VERIFY LOCKS & KEYS WITH ARCHITECT. LOCK COMPANY SHALL DELIVER MASTER KEYS TO ARCHITECT.
- FURNISH TEN (10) LOCKING DEVICES PER PANEL & INSTALL ON CIRCUIT BREAKER HANDLES AS DIRECTED BY ARCHITECT.
- FROM EACH FLUSH PANELBOARD INSTALL 3-1" MTC & CAP IN NEAREST ACCESSIBLE CEILING SPACE.
- SEE SPECIFICATIONS FOR ADDITIONAL PANELBOARD REQUIREMENTS.

SYMBOL LIST

- INCANDESCENT CEILING FIXTURE, SMALL LETTER INDICATES CONTROLLING SWITCH.
- INCANDESCENT WALL MOUNTED FIXTURE, LETTERS SAME AS ABOVE.
- INCANDESCENT RECESSED FIXTURES, LETTERS SAME AS ABOVE.
- FLUORESCENT FIXTURE, LETTERS SAME AS ABOVE.
- OUTLET OF JUNCTION BOX WITH BLANK COVER.
- SPECIAL RECEPT 250V 20A 3W, UNLESS NOTED OTHERWISE, +12" OR AS NOTED. PROVIDE MATCHING COORD. CAP FOR EACH RECEPT.
- FLUSH FLOOR BOX WITH DUPLEX FLUSH RECEPT, LEW. ELECTRIC CO. #682-SA-PFB, PROVIDE CARPET FLANGE WHERE REQD.
- FLUSH FLOOR TEL. BOX, LEW. ELECTRIC CO. #532-XD WITH #530 BEL. NOZZLE, PROVIDE CARPET FLANGE AS REQD.
- TEL. OUTLET 4 1/2" BOX WITH ONE HOLE COVER PLATE +12" UNLESS NOTED OTHERWISE.
- ELECTRONIC PROGRAM CLOCK +7'-8" UNLESS NOTED OTHERWISE.
- FIRE ALARM BREAK GLASS STATION +5'-0"
- FIRE ALARM HORN FLUSH MOUNTED +7'-8"
- SINGLE POLE SWITCH +52" UNLESS NOTED. SMALL LETTER INDICATES OUTLET CONTROLLED.
- THREE WAY SWITCH, +52"
- 4-WAY SWITCH, +52"
- SWITCH WITH PILOT LIGHT, +52"
- KEY OPERATED SWITCH, +52" HUBBELL #1009461
- S.P.D.T. CENTER OFF POSITION, MOMENTARY CONTACT SWITCH HUBBELL #557-I, ENGRAVE FACE PLATE AS DIRECTED BY ARCHITECT.
- MOTOR THERMAL OVERLOAD SWITCH, SIZE & RATING AS REQD. MOUNTED AT MOTOR OR WALL MOUNTED +52"
- MOTOR DISCONNECT SWITCH, SIZE & RATING AS REQUIRED, MOUNTED AT MOTOR OR WALL MTD.
- MOTOR OUTLET COMPLETE WITH ALL CONNECTIONS.
- MOTOR STARTER FURNISHED UNDER OTHER SECTION OF THE WORK INSTALLED & CONNECTED UNDER THE ELECTRICAL SECTION OF THE WORK.
- EXIT LIGHT
- BRANCH CIRCUIT IN CONDUIT CONCEALED IN WALL OR CEILING.
- BRANCH CIRCUIT IN CONDUIT CONCEALED UNDER FLOOR OR GROUND.
- #10 DENOTES 3/16 WIRE IN CORD SIZE CONDUIT.
- HONG RUN TO PANEL. CROSSES MARKS INDICATE THE NUMBER OF #12 WIRES. 2*12 IN 1/2" C UNLESS INDICATED OTHERWISE.
- T TELEPHONE SYSTEM CONDUIT ONLY, 3/4" C MIN. W/ #12 PULL WIRE.
- F FIRE ALARM SYSTEM CONDUIT & WIRE.
- NL NIGHT SECURITY LIGHT.
- WP WEATHERPROOF
- C CONDUIT
- A-1 CIRCUIT TAG DENOTES CIRCUIT NO. 1 ON PANEL-A
- ELECTRONIC PROGRAM CONTROL RELAY WALL MOUNTED +5'-0" UNLESS NOTED.
- TV OUTLET +12" UNLESS NOTED. STUB 1" INTO NEAREST ACCESSIBLE CEILING SPACE. (FOR FUTURE OPENERS) CABLE FOR OTHERS.
- FIXTURE IDENTIFICATION TAG. DENOTES FIXTURE TYPE IN ROOM OR AREA. SEE FIXTURE SCHEDULE FOR FIXTURE TYPE.
- LIGHTING PANEL +6'-0" TO TOP OF CABINET.
- TERMINAL CABINET 18"x24"x4" UNLESS NOTED OTHERWISE +48" TO TOP OF CABINET.
- DUPLEX RECEPT +12" UNLESS NOTED.
- FLUSH FLOOR OUTLET BOX NATIONAL SERIES 800 CI.
- GROUND BOX, SEE DETAIL.
- EMERGENCY BATTERY FULLY AUTOMATIC, UNIT SHELF MTD. +6'-6" 6VOLT TEAL SERIES 652-AI-S2 W/HEAD WHERE SHOWN & LEAD ANTIMONY, 40AH 20 HR RATED BATTERY. CONNECT DIRECT TO JB. (DO NOT PLUG IN)
- EMERGENCY BATTERY LIGHT 6VOLT W/ FLOOD LAMPS WALL MTD. NEAR CLG OR CLG MTD.
- PROJECTOR CONTROL OUTLET W/ BLANK COVER +12"
- PROJECTOR SOUND OUTLET W/ BLANK COVER +12"
- PK PROJECTOR CONTROL CONDUIT 1/4" C. W/ PULL WIRE FOR FUT. CONTROL CABLE BY OWNER.
- PS PROJECTOR SOUND SYSTEM, 1/2" C. W/ 2*19 TWISTED SHIELDED.

COMET AND SOOTARD
ARCHITECTS
1500 COSTA BLVD.
CONCORD, CALIF. 94520
A REGISTERED ARCHITECTURAL FIRM IN THE STATE OF CALIFORNIA

ELECTRICAL SITE PLAN NOTES & SYMBOLS
TECHNICAL VOCATIONAL FACILITY
(ENGINEERING TECHNOLOGY CENTER)
DIABLO VALLEY COLLEGE
CONCORD, CALIF. 94520
PLEASANT HILL

SHEET 1

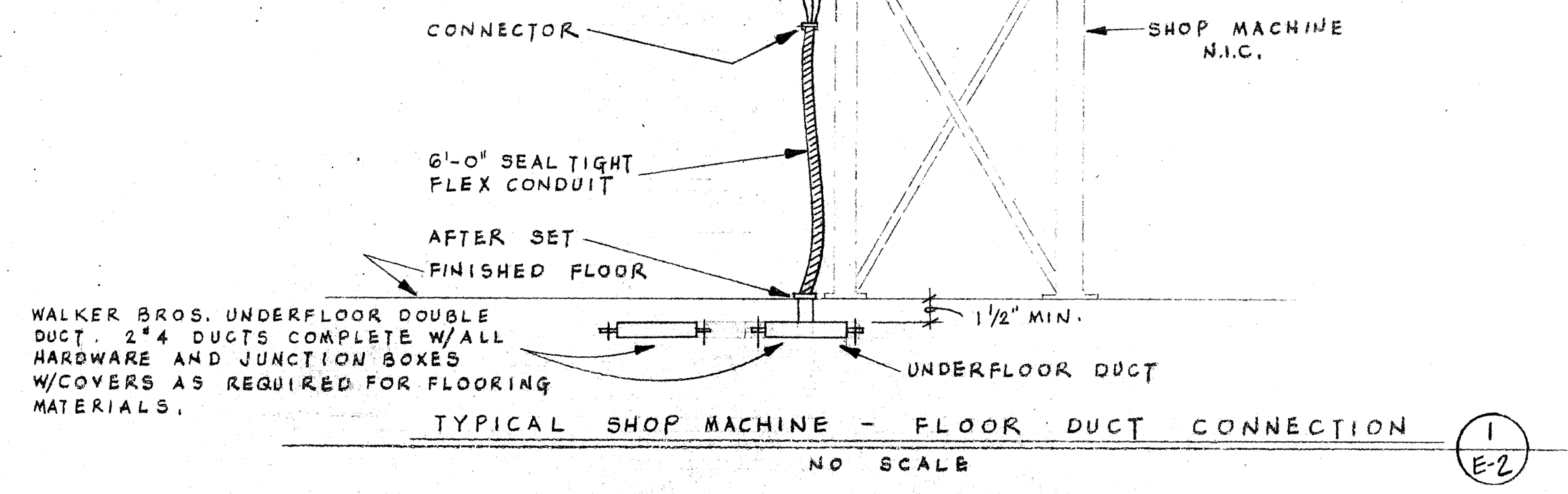
DATE 9-26-69

REVISED AS BUILT 11-19-71

- SHEET NOTES - APPLY TO THIS SHEET ONLY**
- UNDERFLOOR DUCT, SEE DETAIL, 1/8" - 2"
 - VERTICAL MILL 3HP 3Ø 208V.
 - UNIVERSAL MILL 5HP 3Ø 208V.
 - SHAPER 5HP 3Ø 208V.
 - UNIVERSAL MILL 5HP 208V.
 - GEAR FOR DRIVE 3HP 3Ø 208V.
 - LATHE 5HP 3Ø 208V.
 - RADIAL DRILL 3Ø 208V.
 - DRILL PRESS 3/4 HP 3Ø 208V.
 - GRINDER 1HP 3Ø 208V.
 - DUST COLLECTOR 3HP 3Ø 208V.
 - DO ALL 3HP 3Ø 208V.
 - MOUNT ON TABLE AS DIRECTED.
 - GRINDER 120V. + 36"
 - HYDRAULIC AND ARBOR PRESS 208V. 3Ø 1HP.
 - 208V. 3Ø 20A.
 - MOUNT 6" ABOVE COUNTER OR CENTER IN BACKSPASH WHERE SPLASH OCCURS.
 - ELECTRIC FURNACE 8.0 K.W. 3Ø 208V.
 - BUFFER 2HP 3Ø 208V.
 - BELT SANDER 1HP 3Ø 208V.
 - CUTTER 3/4 HP 3Ø 208V. + 36"
 - CENTRELESS GRINDER 1 1/2 HP 3Ø 208V. + 36"
 - SURFACE GRINDER 1 1/2 HP 3Ø 208V. + 36"
 - CYL. GRINDER 1 1/2 HP 3Ø 208V. + 36"
 - JIG BORER 3HP 3Ø 208V.
 - SPRAY BOOTH 1/2 HP 3Ø 440V. INSTALLATION SHALL CONFORM TO CLASS I DIV. I E.S.O.
 - CONTROL BOARD 3-115V 1Ø 20A CIRCUITS.
 - 4 1/8" SQUARE BOX FOR FUTURE ANTENNA STUB THRU ROOF W/ 1" PLASTIC CONDUIT TERMINATE 12" ABOVE ROOF W/ WEATHERHEAD. FLASH AND COUNTERFLASH THRU ROOF AS DIRECTED.
 - WALKER BROS. TRENCH DUCT TYPE "TA" 12" WIDE X 2 1/2" DEEP COMPLETE W/ NECESSARY HARDWARE. PROVIDE COVER FOR APPLICATION OF FLOOR FINISH MATERIAL, BY OTHERS, ON SAME. PROVIDE TRENCH W/ 3 (THREE) BARRIERS SECTIONS; 3" WIDE SECTION FOR POWER, AND 6" WIDE SECTION FOR AIRLINES. 3" WIDE SECTION FOR A.V. ANTENNA PROVIDE COVER W/ BUSHED HOLES AND SPLIT COVERS FOR OUTLETS. SUBMIT SHOP DWGS.
 - STUB UP AND CAP 6" NEAR WALL
 - SAME AS (20) EXCEPT W/ 2-6" WIDE SECTIONS FOR AV AND ANTENNA CIRCUITS ONLY.
 - 3/4" PLYWOOD BACKBOARD 24" X 6'-0" TELEPHONE TERMINAL RUN 1/4" TO CH. PIPE.
 - 1" C TO TELEPHONE TERMINAL CABINET
 - SIGNAL SYSTEM TERMINAL CABINET "38" 24" X 24" X 4 1/2" BARRIERS SECTIONS, 12" WIDE FOR EA. 4 TV.
 - 2HP 3Ø 208V GRINDER.
 - HACKSAW 1HP 3Ø 208V.
 - FURNACE 1/2 HP 1Ø 120V. + 24"
 - 1HP 3Ø CHILLED WATER PUMP MOUNTED ON FLOOR TEST STAND.
 - BOILER OUTLET 1Ø 120V. MOUNTED ON FLOOR TEST STAND.
 - AIR HANDLER 5HP 3Ø 208V. MOUNTED ON FLOOR TEST STAND.
 - 10 TON CHILLER 3Ø 208V. MOUNTED ON FLOOR TEST STAND.
 - RECEPTACLE 1Ø 20A 4W 208V.
 - OUTLETS FOR LINK TRAINERS.

- PRINTED CIRCUIT LAB NOTES**
- CAUSTIC SODA TANK 120V. 10 AMPS.
 - ANODIZING TANK 120V. 10 AMPS.
 - ALODINE TANK 120V. 10 AMPS.
 - HOT OIL TANK 120V. 20 AMPS.
 - Fe CL₃ TANK 120V. 20 AMPS.
 - Cu O₂, H₂SO₄ TANK 120V. 20 AMPS.
 - ALCHELATE TANK 120V. 20 AMPS.
 - ELECTROLYSIS COP. PLATE 120V. 20 AMPS.
 - CLEANER 120V. 20 AMPS.
 - HOT TIN TANK 120V. 20 AMPS.
 - NICKLE CATHODE 120V. 10 AMPS.
 - Cu SO₄, H₂SO₄ TANK 120V. 10 AMPS.
 - Sn - Ni TANK 120V. 10 AMPS.
 - Sn - Pb TANK 120V. 10 AMPS.
 - FOR FUTURE OUTLETS BY OWNER.
- FUTURE OUTLETS BY OWNER.**

FOR MACHINES WHICH ARE NOT INSTALLED BY OWNER AT THIS TIME, CONTRACTOR SHALL INSTALL AFTER SET W/ PLUG CAP, COIL WIRE AND LEAVE IN DUCT.



TYPICAL WELDING RECEPTACLE, MT. BELOW SWITCH. 4W GOA ARK TIGHT RECEPTACLE CROUSE HINDS "AREA 6415" W/ MATCHING PLUG. LOCATE SWITCH AND RECEPT TO CLEAR REMOVABLE WALL PANEL.

TYPICAL 3Ø GOA SWITCH 600V. W/ 50 OR GOA FUSE TO SUIT MACHINE INSTALLED. MOUNT BELOW WIREWAY.

TYPICAL WIREWAY 6X6 + 6'-0"

WELDING MACHINE ROOM 122A

WELDING LAB 122 STORAGE 122D

TRANSFORMER

OFFICE 124-A

EXHAUST FAN 2HP 3Ø 480V.

EXHAUST FAN 1HP 3Ø 480V.

CONFERENCE 124

TO DIST. PNL "DHB"

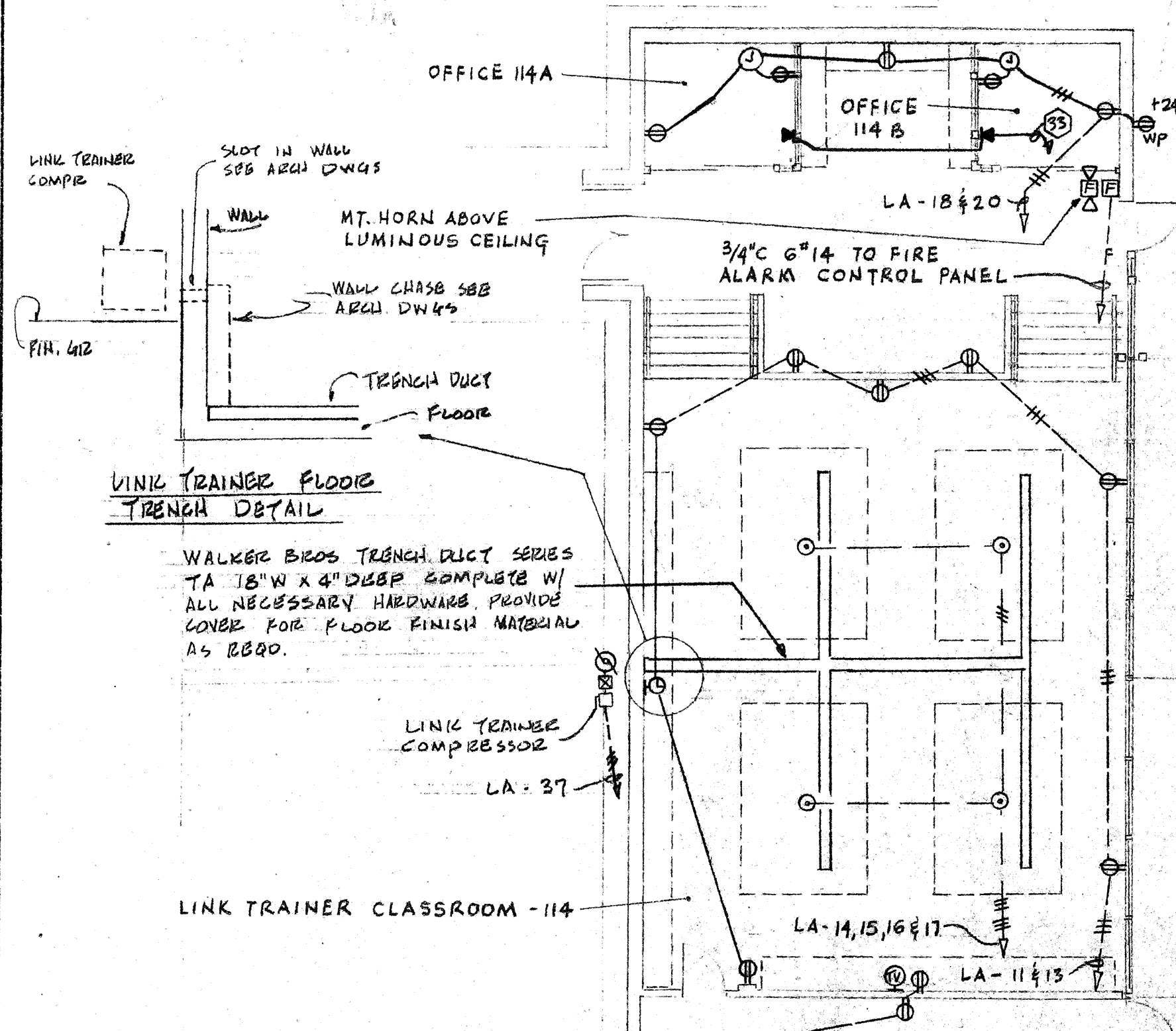
TO SHUNT TRIP ON MAIN BREAK PNL "LFA"

TO SHUNT TRIP ON MAIN BREAK PNL "LFA"

TO SHUNT TRIP ON MAIN BREAK PNL "LFA"

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STUB UP AND CAP 6" NEAR WALL

SAME AS (20) EXCEPT W/ 2-6" WIDE SECTIONS FOR AV AND ANTENNA CIRCUITS ONLY.

3/4" PLYWOOD BACKBOARD 24" X 6'-0" TELEPHONE TERMINAL RUN 1/4" TO CH. PIPE.

1" C TO TELEPHONE TERMINAL CABINET

SIGNAL SYSTEM TERMINAL CABINET "38" 24" X 24" X 4 1/2" BARRIERS SECTIONS, 12" WIDE FOR EA. 4 TV.

2HP 3Ø 208V GRINDER.

HACKSAW 1HP 3Ø 208V.

FURNACE 1/2 HP 1Ø 120V. + 24"

1HP 3Ø CHILLED WATER PUMP MOUNTED ON FLOOR TEST STAND.

BOILER OUTLET 1Ø 120V. MOUNTED ON FLOOR TEST STAND.

AIR HANDLER 5HP 3Ø 208V. MOUNTED ON FLOOR TEST STAND.

10 TON CHILLER 3Ø 208V. MOUNTED ON FLOOR TEST STAND.

RECEPTACLE 1Ø 20A 4W 208V.

OUTLETS FOR LINK TRAINERS.

CAUSTIC SODA TANK 120V. 10 AMPS.

ANODIZING TANK 120V. 10 AMPS.

ALODINE TANK 120V. 10 AMPS.

HOT OIL TANK 120V. 20 AMPS.

Fe CL₃ TANK 120V. 20 AMPS.

Cu O₂, H₂SO₄ TANK 120V. 20 AMPS.

ALCHELATE TANK 120V. 20 AMPS.

ELECTROLYSIS COP. PLATE 120V. 20 AMPS.

CLEANER 120V. 20 AMPS.

HOT TIN TANK 120V. 20 AMPS.

NICKLE CATHODE 120V. 10 AMPS.

Cu SO₄, H₂SO₄ TANK 120V. 10 AMPS.

Sn - Ni TANK 120V. 10 AMPS.

Sn - Pb TANK 120V. 10 AMPS.

FOR FUTURE OUTLETS BY OWNER.

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FOR FUTURE OUTLETS BY OWNER.

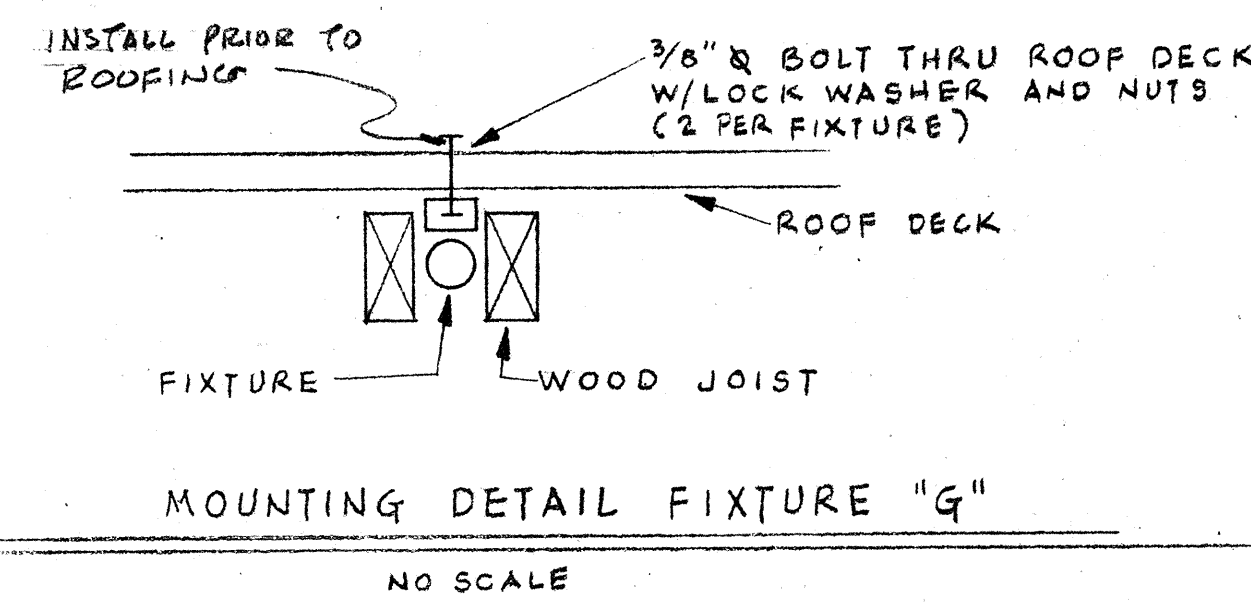
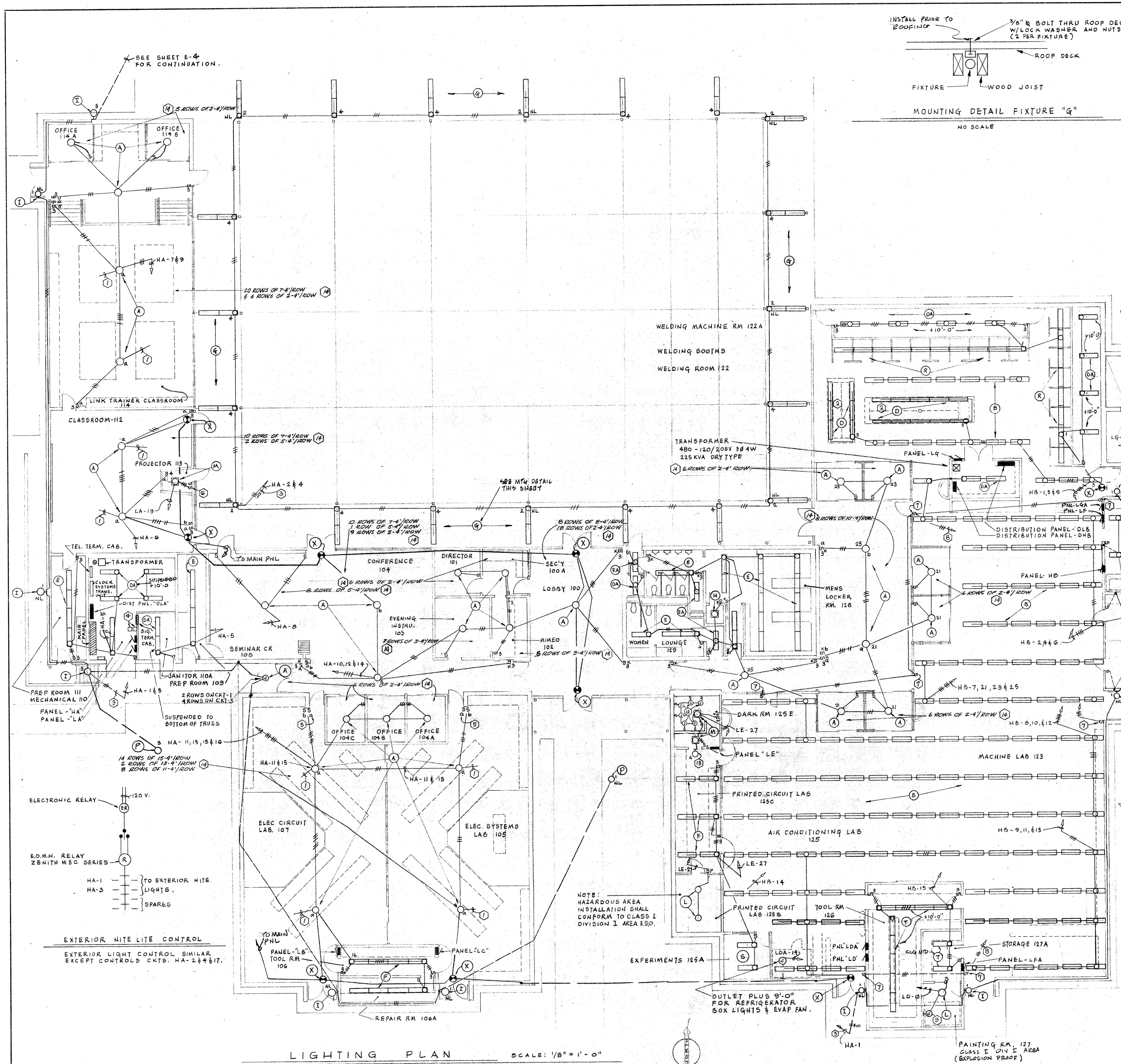
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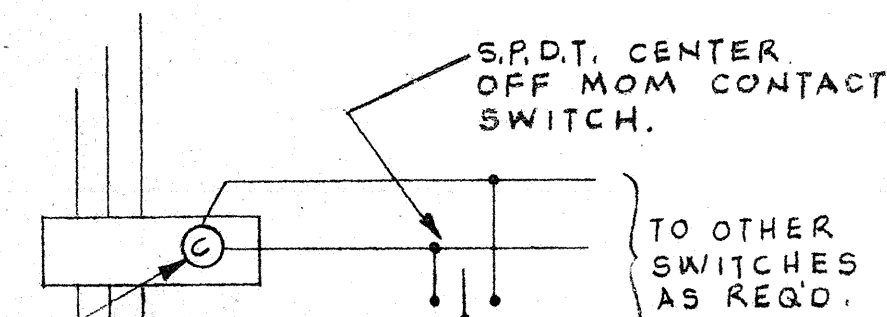
SHEET NOTES (APPLY TO THIS SHEET ONLY)

1. SWITCH TO CONTROL LIGHTS FOR LOW LEVEL LIGHTING FOR MOVIE PROJECTION. CONNECT SUFFICIENT LAMPS IN LUMINOUS GLG TO PROVIDE 5 TO 10 FOOTCANDLES.
2. MOUNT IN WELDING HOOD ON SIDE NEAR BOTTOM
3. WIRE ENTIRE CIRCUIT WITH #10 WIRE, RUN CIRCUITS THRU ELECTRIC RELAYS. SEE CONTROL DIAGRAMS.
4. EXTERIOR LIGHT CONTROL RELAYS SURFACE MOUNTED ADJACENT TO PANEL-HA
5. SWITCH "A" D.P.S.T.
6. LUXTRON DIMMER WBD-200 WIRE ON LOAD SIDE OF ROOM, ON-OFF SWITCH.
7. SPDT. MOM CONTACT SWITCH W/ CENTER OFF POSITION TO CONTROL CONTACTOR IN PANEL-HB

LUMINOUS CEILING NOTES

1. FIXTURES AND LAMPS TO BE FURNISHED, INSTALLED, AND WIRED UNDER THE LUMINOUS CEILING SECTION OF THE WORK. FURNISH AND INSTALL CIRCUIT OUTLETS ONLY W/36" TAILS ON WIRE. COORDINATE EXACT LOCATION OF OUTLETS.
2. FOR EXACT SIZE OF LUMINOUS CEILINGS REFER TO ARCHITECTURAL REFLECTED CEILING PLAN.
3. LUMINOUS CEILINGS SHALL BE EVENLY ILLUMINATED, FREE OF SHADOWS AND BRIGHT SPOTS. PRIOR TO INSTALLATION SUBMIT DETAILED SHOP DRAWINGS FOR THE ARCHITECT'S APPROVAL. WHERE NECESSARY, LIGHTING FIXTURE ARRANGEMENTS SHALL BE ALTERED TO SUIT FIELD CONDITIONS.
4. UNLESS NOTED ON FLOOR PLANS LUMINOUS CEILING INSTALLATION SHALL PROVIDE A MINIMUM OF SEVENTY (70) FOOTCANDLES AT WORKING LEVEL 30" ABOVE FLOOR.

8. TO PANEL-HB
9. OUTLET FOR HOOD LIGHTS.
10. NOT USED.
11. NOT USED
12. OUTLET FLUSH IN CEILING FOR FUTURE SAFELIGHT.
13. SILVRAY-LIGHTCRAFT SIGNAL INDICATOR LIGHT TAGGOR W/25 WATT LAMP. MOUNT OVER DOOR.
14. LUMINOUS GLG LAYOUT LAMPS AND ROWS INDICATED IS SUGGESTED MINIMUM LAYOUT ONLY & SHALL BE INCREASED AS NECESSARY TO MEET MINIMUM REQ'TS & FIELD CONDITIONS.



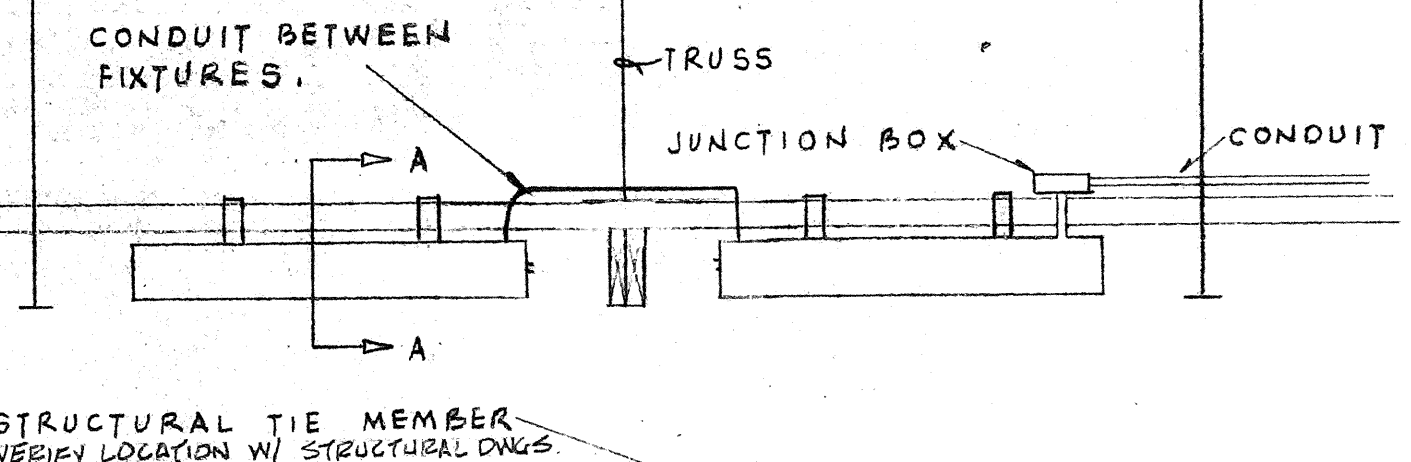
FOUNDRY 123A

CONTACTOR ZENITH SERIES GHM TO CONTROL CKTS. HB-1 TO 20.

INSTRUMENTS 123B

PANEL-HB LIGHTING CONTROL

GRINDING 123C



NOTE: HAZARDOUS AREA INSTALLATION SHALL CONFORM TO CLASS I DIVISION I AREA ESO.

EXPERIMENTS 125A

PAINTING RM. 127
CLASS I DIV E AREA
(EXPLOSION PROOF)

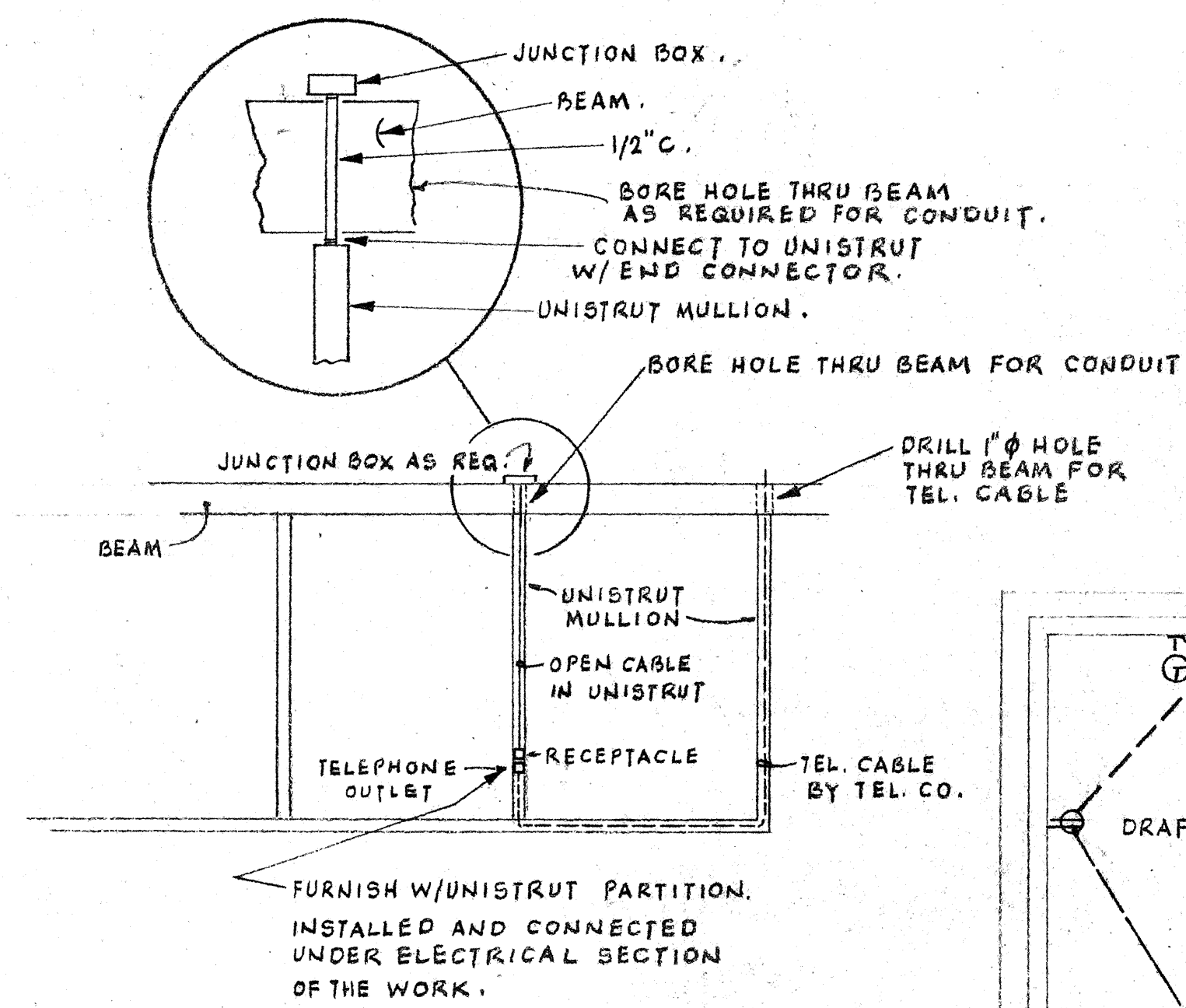
LIGHTING PLAN

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

COMETA AND SOOTAR
REGISTERED ARCHITECTS
1000 CALIFORNIA STREET
SAN FRANCISCO, CALIF. 94109
TELEPHONE 398-1234
FAX 398-5678
COMETA AND SOOTAR
REGISTERED ARCHITECTS
1000 CALIFORNIA STREET
SAN FRANCISCO, CALIF. 94109
TELEPHONE 398-1234
FAX 398-5678

ELECTRICAL PARTIAL FLOOR PLAN - LIGHTING
TECHNICAL - VOCATIONAL FACILITY
ENGINEERING TECHNOLOGY CENTER
DIABLO VALLEY COLLEGE
CONTE COSTA JUNIOR COLLEGE DISTRICT
PLEASANT HILL, CALIFORNIA

SHEET 3
DATE 9-26-69



TYPICAL INSTALLATION AT UNISTRUT PARTITIONS.

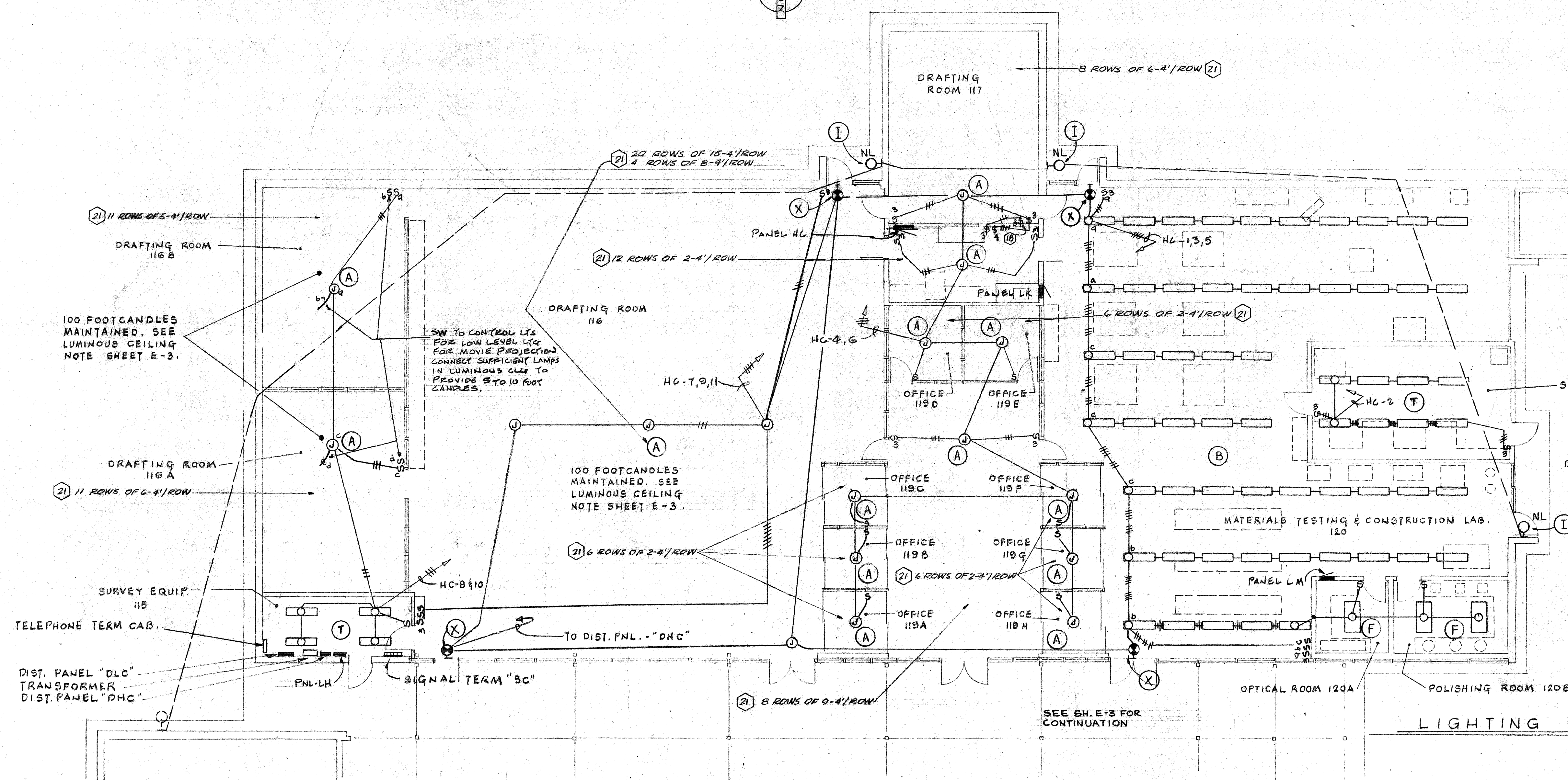
NO SCALE

NOTE: DEVICES & DEVICE PLATES IN UNISTRUT PARTITIONS SHALL BE SUBMITTER W/ PARTITION, INSTALLED & CONNECTED UNDER THE ELECTRICAL SECTION OF THE WORK.

TELEPHONE TERMINAL CABINET 4'x8' PLYWOOD BACKBOARD RUN 3/4\"/>

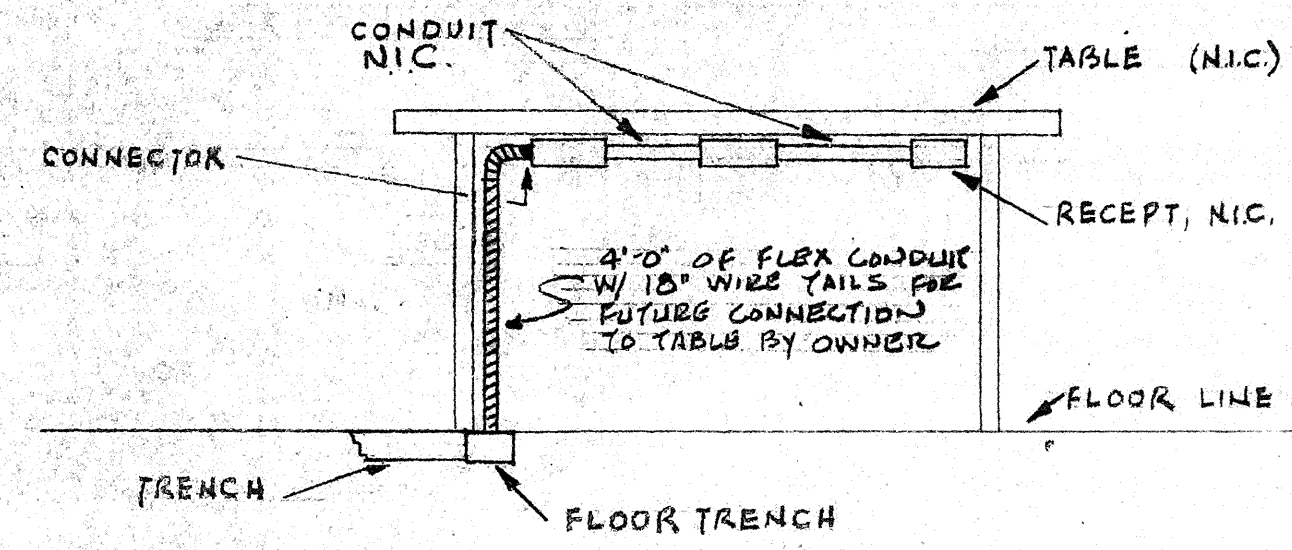
POWER PLAN

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



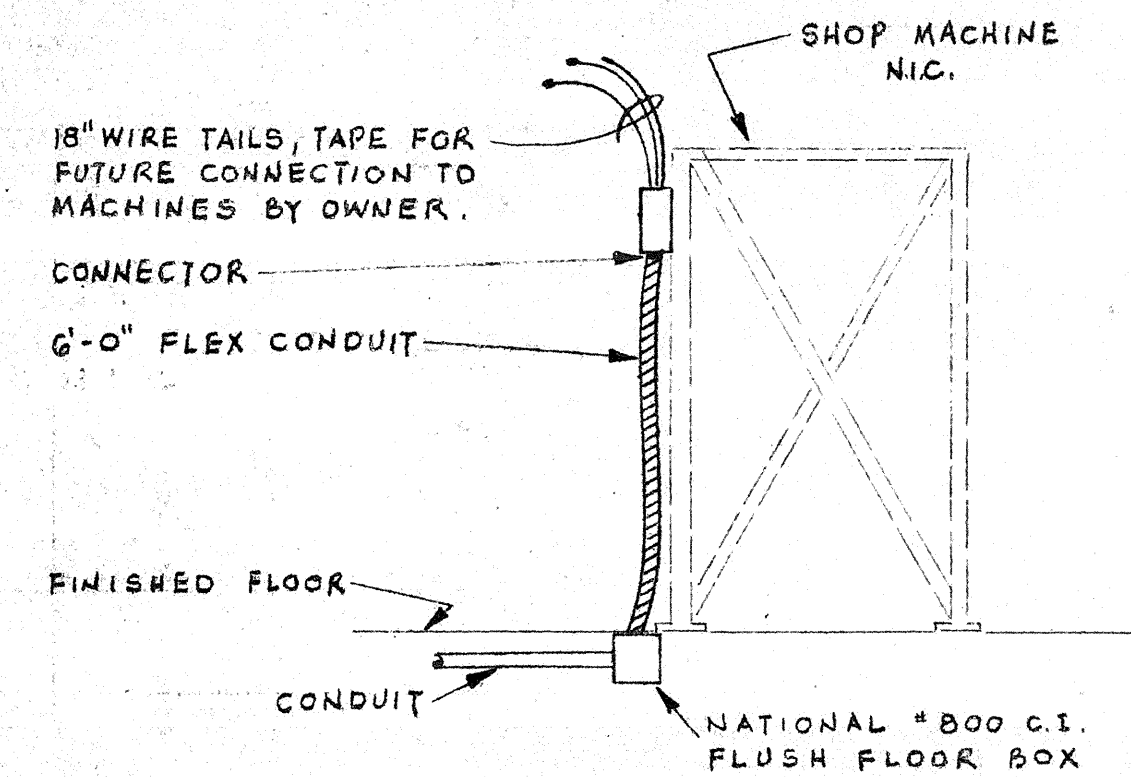
SHEET NOTES (APPLY TO THIS SHEET ONLY)

1. SAUD SAW 120V + 48"
2. GRINDER 120V + 48"
3. RADIAL ARM SAW 30 208V + 48"
4. JOINTER 30 208V.
5. TABLE SAW 30 208V.
6. WOOD LATHE 30 208V.
7. WORK TABLE W/ RECEPTS CONNECTED BY DISTRICT SEE DETAIL THIS SH.
8. FURNACE OUTLETS 120V + 36"
9. FURNACE HOOD FAN 120V.
10. OVEN OUTLET 208V 10 + 48"
11. SANDER 120V MOUNT ABOVE COUNTER
12. POLISHING WHEELS 120V MOUNT ABOVE COUNTER
13. MOUNT 6" ABOVE COUNTER OR CENTER IN BACK SPLASH WHERE SPLASH OCCURS.
14. OVAL MACHINE 10 208V MOUNT ABOVE COUNTER
15. OVAL MACHINE EXHAUST FAN
16. VERIFY EXACT LOCATION OF FLUSH FLOOR OUTLETS PRIOR TO INSTALLATION W/ ARCHITECT.
17. 1/2" TO TELEPHONE TERMINAL CABINET.
18. SWITCH TO CONTROL LIGHTS FOR LOW LEVEL LIGHTING FOR MOVIE PROJECTION. CONNECT SUFFICIENT LAMPS IN LUMINOUS CEILING TO PROVIDE 5 TO 10 FOOTCANDLES.
19. INDUSTRIAL ELECTRIC REELS INC. # DB-35A W/ 3/4" TYPE 50 CABLE 50'-0" LONG W/ 3/4" SWIRL 25A HEAVY DUTY CORD GRIP RECEPT. RECEPT SHALL BE SUSPENDED TO 6'-6" MOUNT REEL ON TRUSS.
20. WALKER BROS. TRENCH DUCT TYPE "TA" 3" WIDE X 2 1/2" DEEP COMPLETE W/ ALL NECESSARY HARDWARE AND CONVECT. PROVIDE TRENCH W/ 2 (TWO) BARRIERED SECTIONS 3" WIDE SECTION FOR POWER AND 6" SECTION FOR GAS & WATER. PROVIDE COVERS W/ RUSHED HOLES AND SPLIT COVERS FOR OUTLETS. PROVIDE NECESSARY LENGTHS OF FLEX CONDUIT FROM TRENCH DUCT TO JUNCTION BOX MOUNTED BELOW OUTLET WHERE REQUIRED. SECURE FLEX TO J.B. W/ CONNECTOR.
21. LUMINOUS CEILING LAYOUT LAMPS & ROWS INDICATED IS SUGGESTED MINIMUM LAYOUT MINIMUM REGENTS & FIELD CONDITIONS.
22. TO CONTROL CONTRACTOR IN PNL-LK



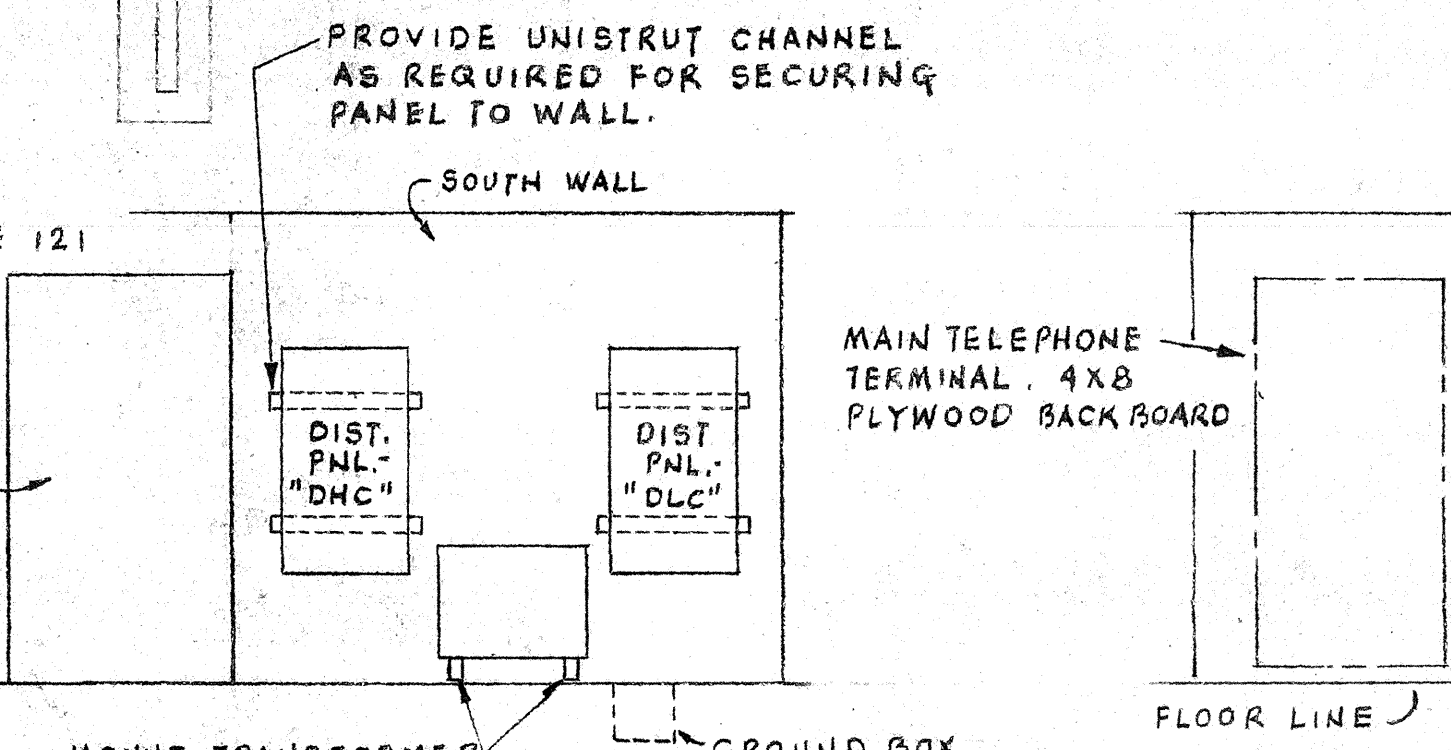
TYPICAL INSTALLATION AT WORK TABLE

NO SCALE



TYPICAL FLOOR SHOP MACHINE OUTLET INSTALLATION.

NO SCALE



ELEVATION AT PANELS IN SURVEY EQUIP. RM-115

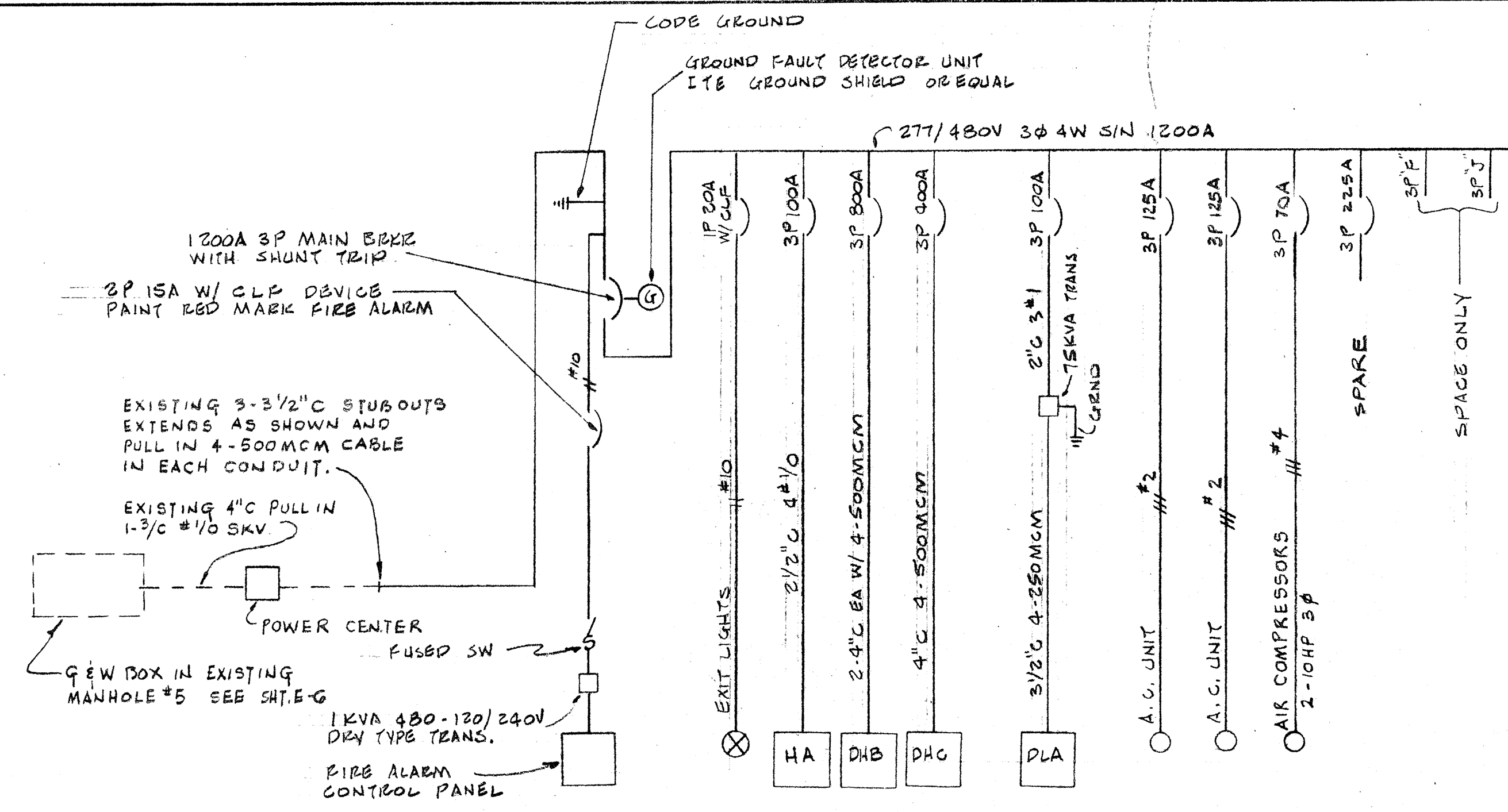
NO SCALE

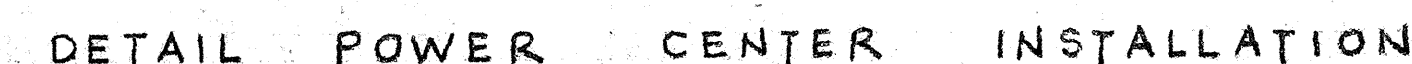
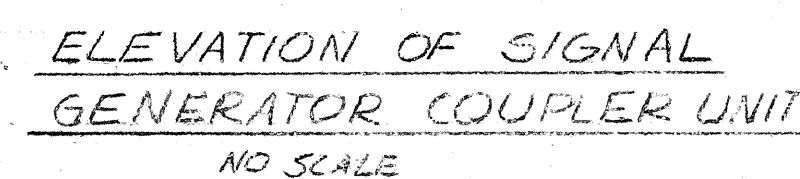
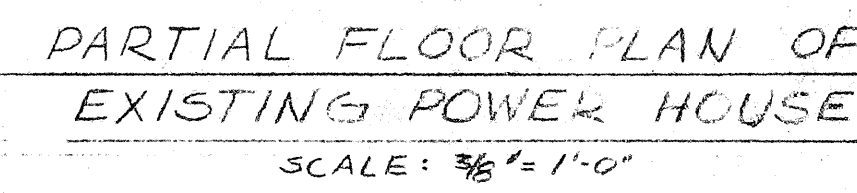
LIGHTING PLAN

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

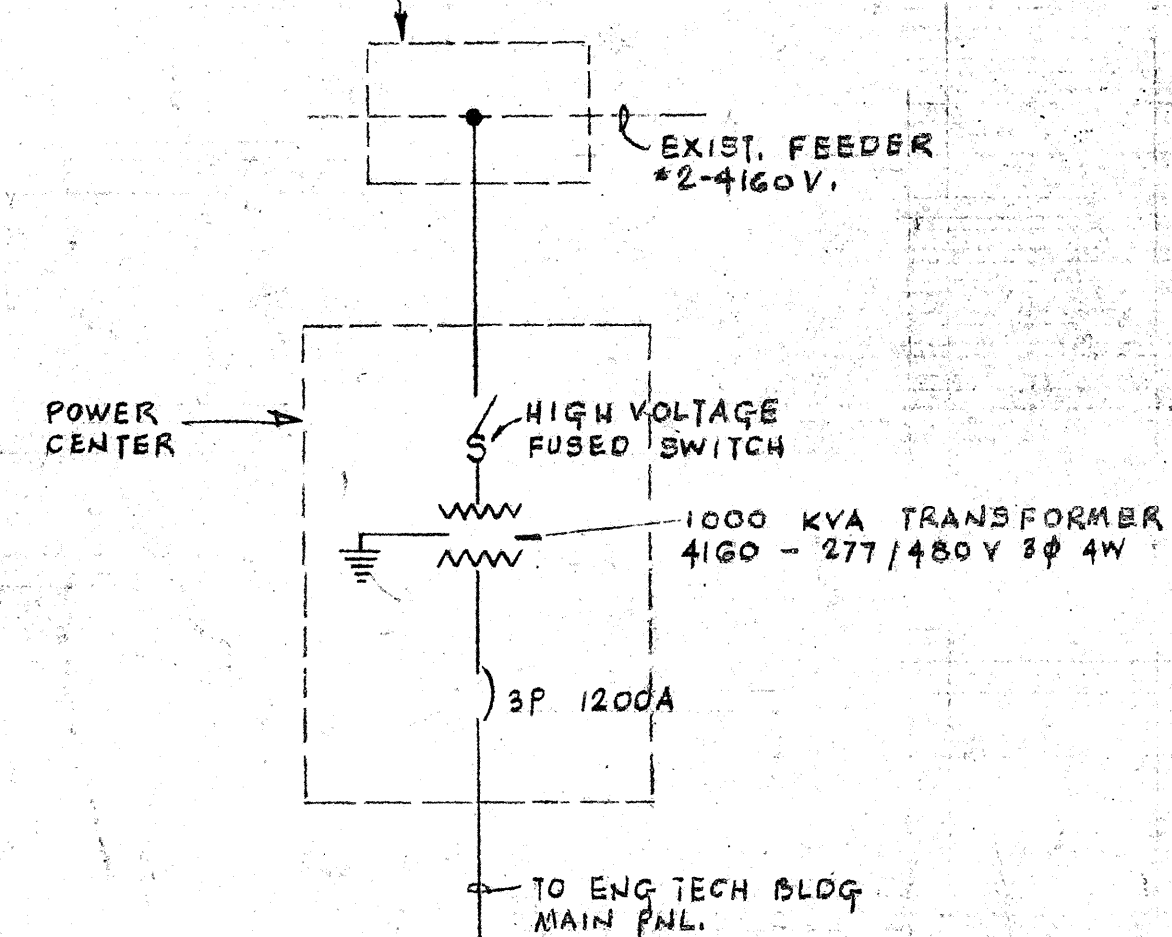
COMETTA AND SOOTARD
3115 MACDONALD AVE. RICHMOND, CALIF. 94804
CONF. + LARSEN + CROSSEN
1300 CONN. COSTA BLVD. COSTA MOUNTAIN, CALIF. 94026
E. A. COMETTA, PARTNER - L. R. CONNOR, ARCHITECT - C. L. CROSEN, ARCHITECT
A. SOOTARD, ARCHITECT ASSOCIATED ARCHITECTURAL FIRMS P. W. CONNOR, PARTNER

ELECTRICAL: PARTIAL FLOOR PLAN, POWER & LIGHTING
TECHNICAL VOCATIONAL FACILITY
(ENGINEERING TECHNOLOGY CENTER)
DIABLO VALLEY COLLEGE
CONTEA COSTA JUNIOR COLLEGE DISTRICT
PLEASANT HILL, CALIFORNIA

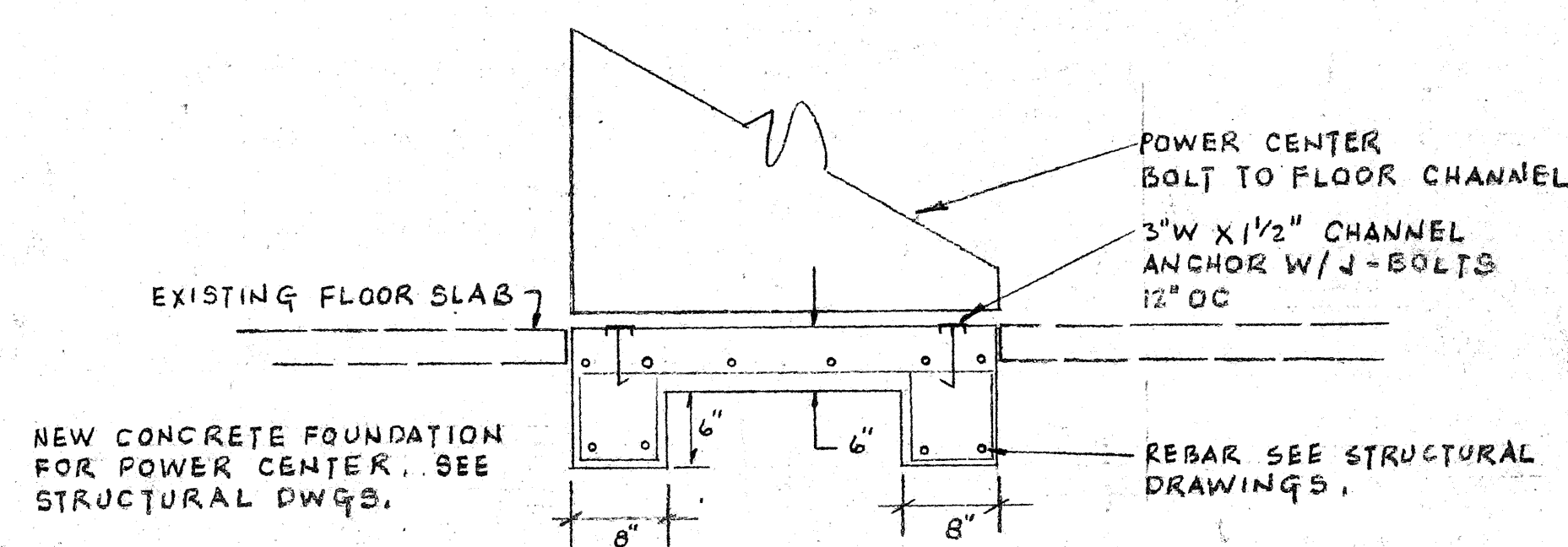




EXISTING GFW 3WAY
CONNECTOR BOX IN
EXIST MANHOLE #5



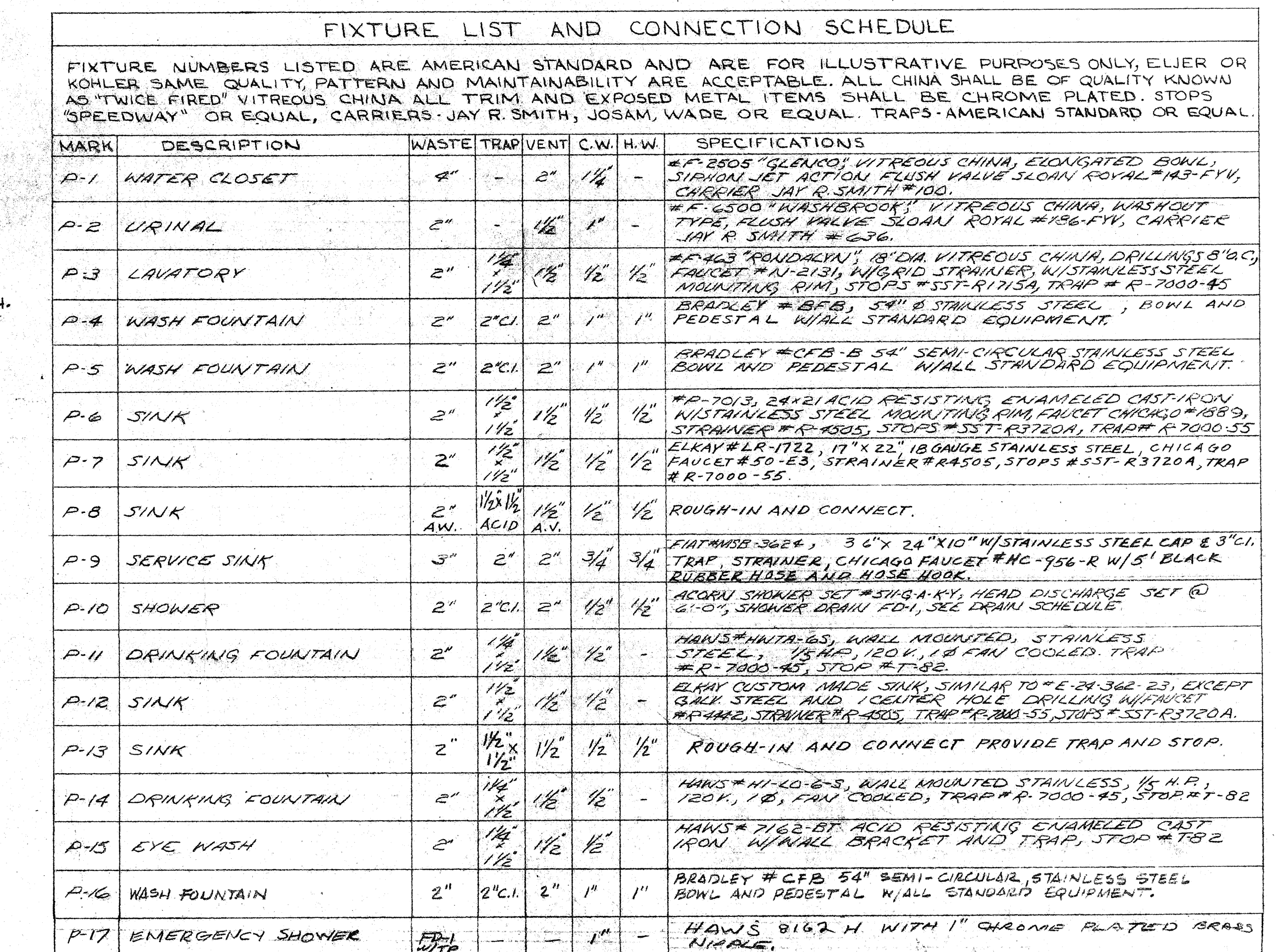
ONE LINE DIAGRAM
POWER CENTER
NTS



SECTION A-A

LIGHTING FIXTURE SCHEDULE

- 4 LUMINOUS CEILING COMPLETE W/ LIGHTING FIXTURES & LAMPS FURNISHED, INSTALLED & CONNECTED UNDER LUMINOUS CEILING SECTION OF THE WORK. SEE ARCH. DWGS. & SPECIFICATION FOR DETAILS. ROUGH-IN OUTLET, CIRCUITING & SWITCH CONTROL ONLY UNDER ELECTRICAL WORK. SEE LUMINOUS CEILING NOTES ON SHEET E-3.
- (E) FLUORESCENT SURFACE UNIT W/ FLAT CONTROL LENS ALUM. HOUSING & 4-40 WATT LAMPS W/ 10% UP LIGHT. BAKED ENAMEL FINISH. GARDOS *K94Q/4/ 440RS 10% UPLIGHT. SEE M74 DETAIL SHTR-3.
- (P) FLUORESCENT STRAIGHT W/ TWO LAMP 2'-4", 6" OR 8' LONG AS SHOWN ON PLAN. CLG. MTD. UNLESS NOTED. GLOBE ILLUMINATION CO. SERIES *951.
- (Q) FLUORESCENT STRAIGHT W/ TWO LAMPS 2'-4", 6" OR 8' LONG AS SHOWN ON PLAN. CLG. MTD. UNLESS NOTED. GLOBE ILLUMINATION CO. SERIES *952.
- (E) FLUORESCENT RECESSED UNIT W/ DOP. PLEX GLASS DIFFUSER & 2-40 WATT LAMPS. RECESSED IN CLG. GLOBE ILLUMINATION CO. DP G92-48RS.
- (EA) SAME AS (E) EXCEPT 24" LONG W/ 2-20 WATT T.S. LAMPS.
- (P) FLUORESCENT SURFACE UNIT W/ 4-40 WATT LAMPS & CONTROL LENS. CLG. MTD. GLOBE ILLUMINATION CO. QP 74-3654-48RS.
- (G) FLUORESCENT SURFACE WEATHER PROOF UNIT W/ 4-40 WATT LAMP MOUNT BETWEEN BEAMS. SEE DETAIL. GARDOS K6039-14RS. BLACK FINISH.
- (H) INCANDESCENT RECESSED UNIT W/ BASKET, LENS & 40 WATT LAMP. RECESSED IN CLG. SILVRAY LITECRAFT *FIX-5L.
- (I) MERCURY VAPOR WALL BRACKET W/ 25 WATT LAMP, CONSTANT WATTAGE BALLAST, WALL MTD. 1/2" ABOVE DOOR HEIGHT TO BOTTOM OF FIXTURE. LIGHTOLIER *LE764-MV. BLACK FINISH AS DIRECTED BY ARCH.
- (L) INCANDESCENT EXPLOSION PROOF UNIT W/ GLOBE GUARD & 150 WATT LAMP. CLG. MTD. CROUSE HINDS *EVCK 2105.
- (M) INCANDESCENT RECESSED UNIT W/ FRESNEL LENS & 150 WATT LAMP. RECESSED IN CLG. SILVRAY LITECRAFT *E 486-53.
- (N) INCANDESCENT WALL BRACKET W/ 100 WATT LAMP. WALL MTD. 6" BELOW TOP OF WALL. PRESOLITE *WB-2 W/ WIRE GUARD. BLACK FINISH.
- (X) FLUORESCENT EXIT LIGHT W/ 2-LAMPS 6" HIGH RED LETTERS ON STENCIL FACE. SURFACE WALL MTD. ABOVE DOOR HEIGHT. PROVIDE DIRECTIONAL ARROWS WHERE REQR. SILVRAY LITECRAFT *B15-R.
- (VI) SAME AS (X) EXCEPT CLG. MTD.
- (P) POST LIGHT SEE DETAIL SHEET E-5.
- (R) FLUORESCENT TAMPER PROOF UNIT W/ PLEXIGLASS DIFFUSER 2-40 WATT LAMPS. CEILING MTD. GLOBE ILLUMINATION CO. *SP 702-48RS.
- (T) FLUORESCENT INDUSTRIAL UNIT W/ 10% UPLIGHT AND 2-40 WATT LAMPS. STEA. SUSPENDED. GLOBE ILLUMINATION CO. *412-95RS.
- (S) GLOBE ILLUM. CO. RECESSED LAYIN TUB HAZ UNIT W/ DOP. PEX. DIFFUSER. 2-40 WATT LAMPS. 27TV OPERATION. GLOBE CO. CAT # DP 604-48RS. STYLE S MTD.



GENERAL NOTES

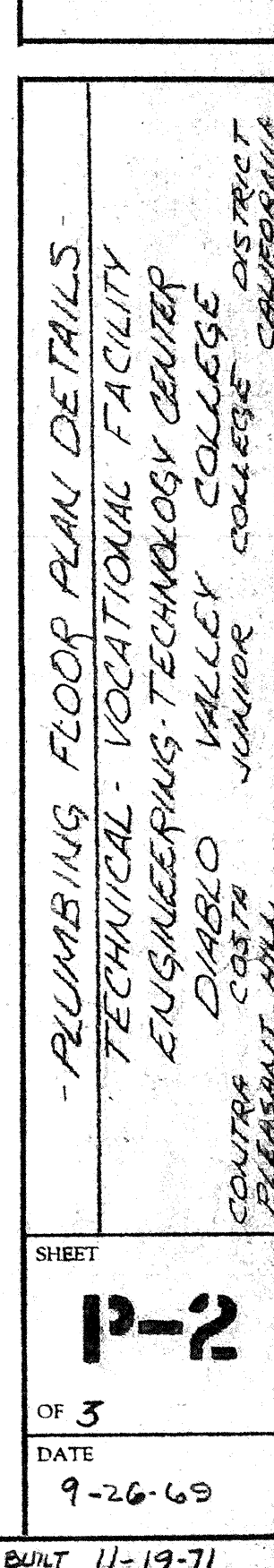
1. VERIFY ALL SITE CONDITIONS PRIOR TO BIDDING.
2. CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR LOCATING EXISTING SERVICES AND MAKING SERVICEABLE CONNECTIONS TO SAME.
3. HOSE BIBBS SHALL BE UP 1'-6" UNLESS OTHERWISE STIPULATED BY THE ARCHITECT.
4. ALL UNDERGROUND PIPING SHALL BE RUN WITH A MINIMUM OF 2'-0" COVER BELOW FINISH GRADE UNLESS OTHERWISE SHOWN OR APPROVED BY THE ARCHITECT.
5. COORDINATE DETAIL LOCATION OF FIXTURES, VALVES, BOXES, ETC. WITH ARCHITECTUAL & SITE DRAWINGS REQUIREMENTS.
6. CONTRACTORS SHALL CONSULT THE LOCAL UTILITY CO, WATER CO., & SEWAGE DISTRICT TO DETERMINE THE EXACT EXTENT OF THIS WORK. HE SHALL EXTEND HIS SERVICES TO THE LOCATION DESIGNATED BY THEM AND FURNISH ALL MATERIAL AND PAY ALL COSTS NOT FURNISHED OR PAID BY THEM.
7. FIRE SPRINKLER HEADS SHALL BE INSTALLED AND CONNECTED TO THE DOMESTIC WATER LINE AS REQUIRED BY THE STATE FIRE MARSHAL. INSTALLATION SHALL BE IN ACCORDANCE WITH NFPA, No. 13.

COMETTA AND SOOTAR 232-2627
 3516 MACDONALD AVENUE RICHMOND, CALIF.
CONFER + LARSEN + CROSSEN
 1200 COSTA BLVD. CONCORD, CALIF. 686-2232
F. L. R. COOPER ARCHITECT J. E. CROSSEN ARCHITECT
 1000 S. GATEWAY AVENUE, SAN ANTONIO, TEXAS 78204
COMETTA, PARTNER
A. BOYANI, ARCHITECT ASSOCIATED ARCHITECTURAL FIRMS P. W. CONFER, PARTNER

PLUMBING SITE PLAN, LEGEND, GENERAL
NOTES AND FIXTURE SCHEDULE
TECHNICAL-VOCATIONAL FACILITY
DIABLO VALLEY COLLEGE
CENTRA COSTA JUNIOR COLLEGE
PESQUERA HILL CAMPUS
CALIFORNIA

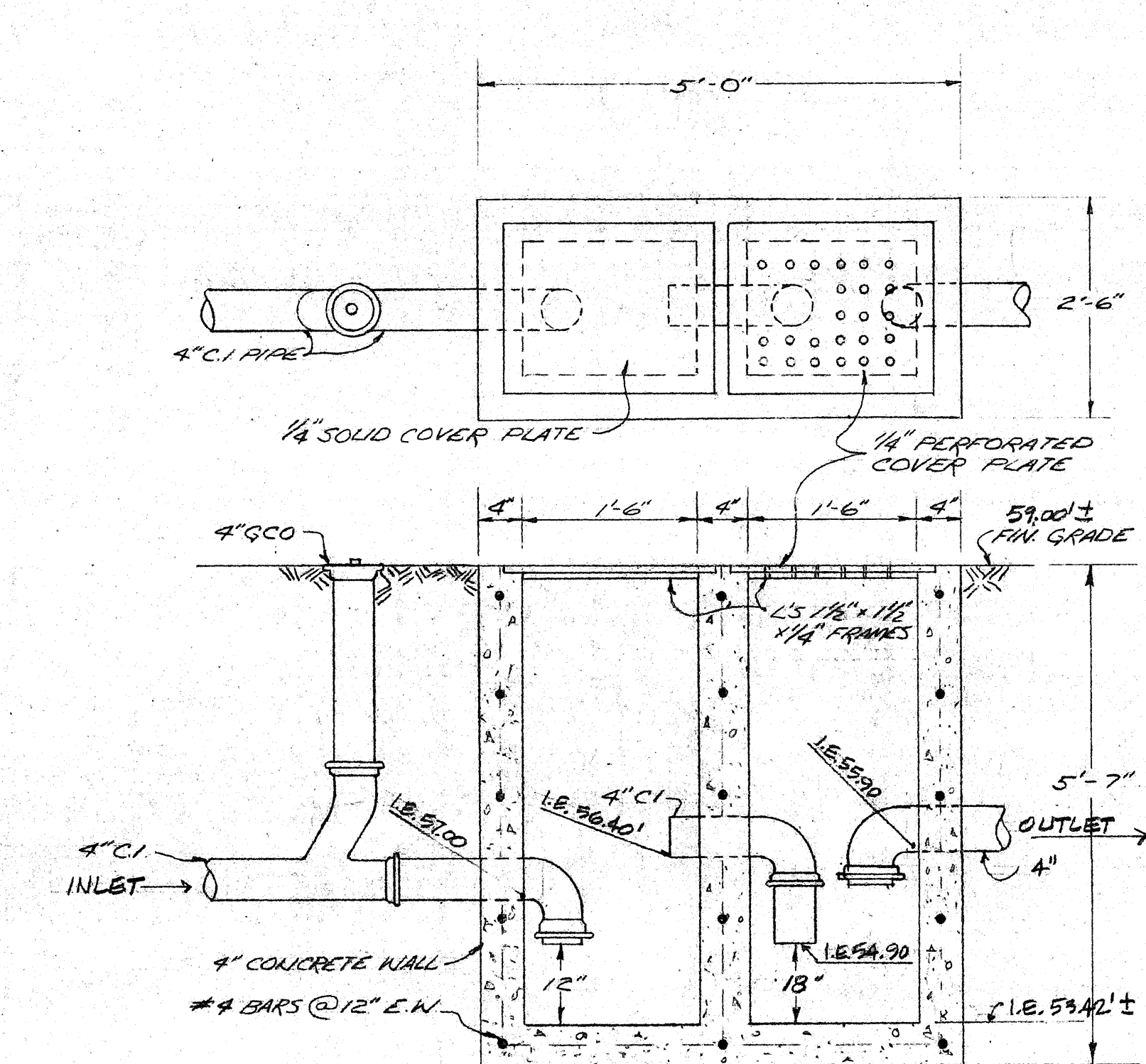
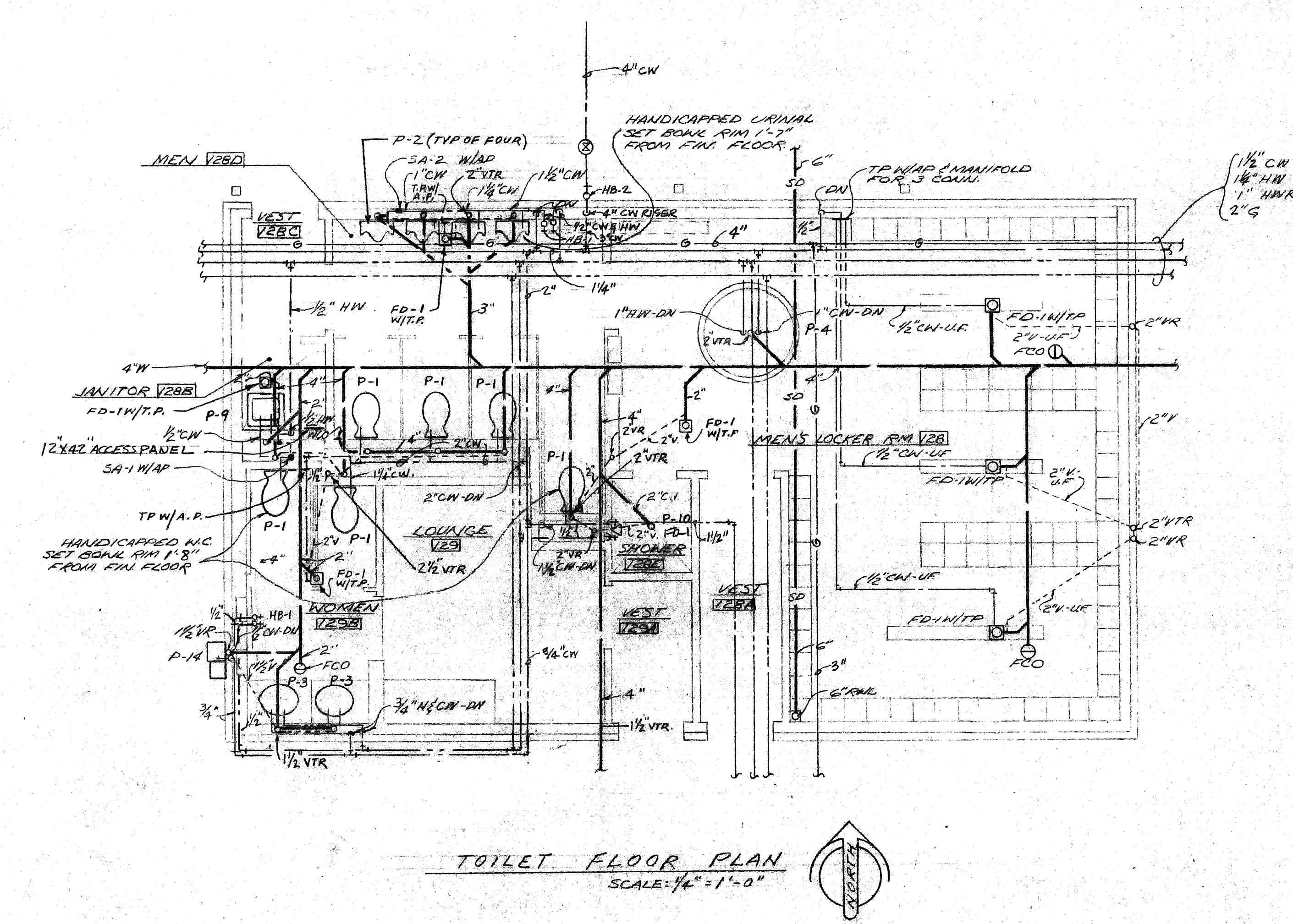
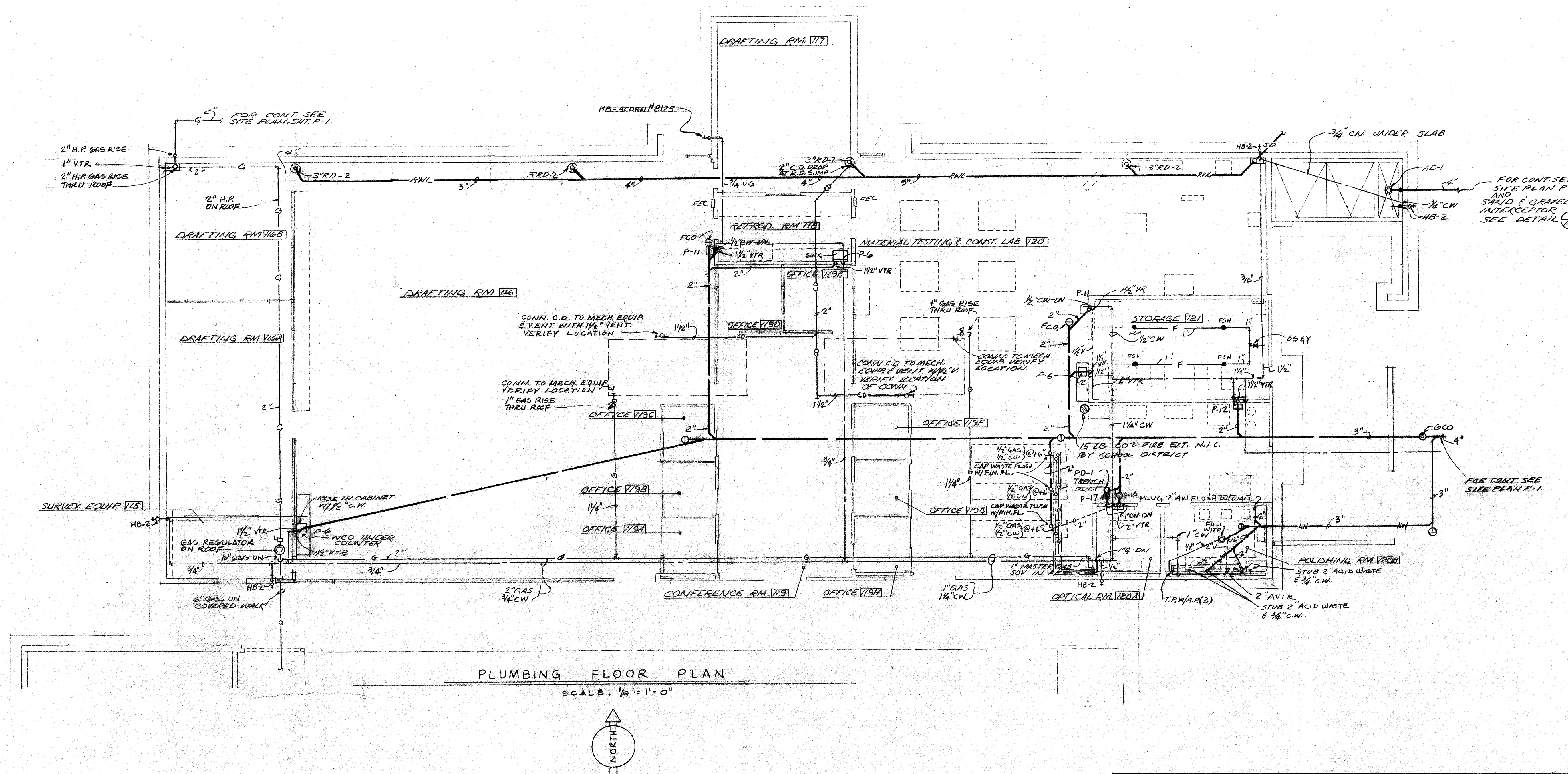
SHEET	12-1
OF 3	DATE
	9-26-69

REVISED AS BUILT 11-19-71



NOTE: SEE ARCH. ROOF PLAN FOR EXACT LOCATION OF ROOF DRAINS.

SHEET	
P-2	
OF 3	
DATE	
9-26-69	
BUILT 11-19-71	



CODE	DESCRIPTION	WASTE	TRAP	VENT	SMITH NO.	REMARKS
FD-1	FLOOR DRAIN	2"	2"	2"	2010-A	5" Ø NB STRAINER, CLAMPING RING, VANDAL PROOF, W/1/2" CW
FD-2	FLOOR DRAIN	4"	4"	2"	3510-11	6" Ø FUNNEL & GRADE P.B., N/CLAMPING RING
BWV	BACKWATER VALVE	6"	-	-	7022-6"	PROVIDE SOIL PIPE EXTENSION
FS-1	FLOOR SINK	4"	4"	2"	3040-13	8 1/2" Ø NB RIM & 3/4" GRATE CLAMPING RING, DOME BOTTOM STRAINER.
FS-2	FLOOR SINK	2"	2"	2"	3040-14	8 1/2" Ø NB RIM & 3/4" GRATE W/1/2" CENTER HOLE, CLAMPING RING, DOME BOTTOM STRAINER.
AD-1	AREA DRAIN	JAY R. SMITH #2220, 8" Ø W/FLASHING RING, SEDIMENT BUCKET, VANDAL PROOF, N/ SAND & GRAVEL INTERCEPTOR SEE DETAIL (1)				
AD-2	AREA DRAIN	JAY R. SMITH #2220, 8" Ø W/FLASHING RING, SEDIMENT BUCKET, VANDAL PROOF				
FCD	FLOOR CLEANOUT	JAY R. SMITH #4020 NB SCORATED COVER, CLAMPING RING, VANDAL PROOF.				
WCO	WALL CLEANOUT	JAY R. SMITH #4531 CAST BRONZE PLUG, VANDAL PROOF.				
GCO	GRADE CLEANOUT	JAY R. SMITH #4240 C.I. TOP, GALV. VANDAL PROOF.				
SA-1	SHOCK ABSORBER	JAY R. SMITH #5030 INSTALL UP-RIGHT W/ACCESS DOOR.				
SA-2	SHOCK ABSORBER	JAY R. SMITH #3030 INSTALL UP-RIGHT W/ACCESS PANEL.				
T.P.	TRAP PRIMER	J.M.J. CORP. #41 INSTALL UP-RIGHT W/ACCESS PANEL, W/MANIFOLD WHEN REQ'D.				
HB-1	HOSE BIBB	CHICAGO #293, 1/2" SIZE, POLISHED CHROME PLATE.				
HB-2	HOSE BIBB	CHICAGO #387, 3/4" SIZE, ROUGH CHROME PLATED.				
RD-1	ROOF DRAIN	JAY R. SMITH #1010-RE-UDC, 4" OUTLET, 16" Ø SUMP RECEIVER, UNDERDECK CLAMP.				
RD-2	ROOF DRAIN	JAY R. SMITH #1010-RE-UDC, 3" OUTLET, 16" Ø SUMP RECEIVER, UNDERDECK CLAMP.				
RD-3	ROOF DRAIN	JAY R. SMITH #1310-RE-UDC, 2" OUTLET, 12" Ø SUMP RECEIVER, UNDERDECK CLAMP.				
FEC	FIRE EXTINGUISHER CABINET	STANDARD HOSE CO., CABINET 1055-R, W/DOOR STYLE 289, WITH CORBIN #15 LOCK, EXTINGUISHER BY DISTRICT (N.I.C.)				

APPROVED
JAY R. SMITH
JAY R. SMITH & ASSOCIATES
3224 7
8-22-77
APPROVED
JAY R. SMITH
JAY R. SMITH & ASSOCIATES
3224 7
8-22-77

ARCHITECT
JAY R. SMITH
JAY R. SMITH & ASSOCIATES
3224 7
8-22-77

CONSULT. ENGINEER
JAY R. SMITH
JAY R. SMITH & ASSOCIATES
3224 7
8-22-77

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1200 COSTA BLVD.
CONCORD, CALIF. 94520
JAY R. SMITH & ASSOCIATES
ARCHITECTS
3224 7
8-22-77

PLUMBING - FLOOR PLAN & DETAILS & SCHEDULES
TECHNICAL VOCATIONAL FACILITY
(ELGIN/REAR - TECHNICAL CENTER)
DIABLO VALLEY COLLEGE
SANTA FE
SANTA FE, CALIF. 94060

SHEET
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OF 3
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9-26-69
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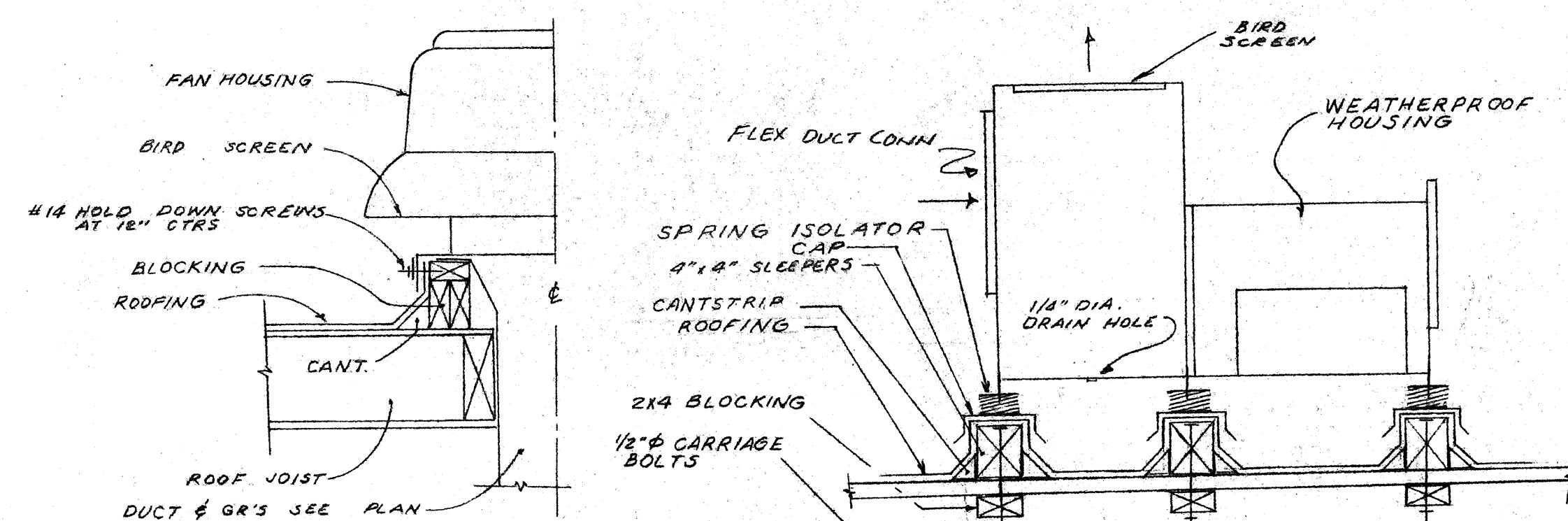
GENERAL NOTES & LEGEND

1. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH MFR'S RECOMMENDATIONS & INSTRUCTIONS.
 2. MAINTAIN 2" CLEAR IN FRONT OF ALL ELECTRICAL PANELS.
 3. ALL 90° NON-RADIUS TURNS SHALL HAVE TURNING VANES. ALL 90° DUCT TAKE-OFFS INCLUDING OUTLETS SHALL USE EXTRACTORS.
 4. ALL DUCT SIZES SHOWN ARE NET INSIDE OF INSULATION OR LINING.
 5. COORDINATE THE LOCATION OF ALL AIR OUTLETS WITH OTHER TRADES INCLUDING LIGHT FIXTURES. SEE ARCH. REFLECTED CEILING PLANS.
 6. EVERY BRANCH DUCT TAKEOFF FROM A MAIN DUCT SHALL HAVE BALANCING DAMPER, THE ENTIRE DUCTWORK SYSTEM SHALL HAVE SUFFICIENT DAMPERING TO ACHIEVE A PROPERLY BALANCED SYSTEM. ALSO ALL DISCHARGE DUCTS FROM MULTI-ZONES SHALL HAVE A DAMPER PER ZONE FOR BALANCING.
- ① ROOM THERMOSTAT UP 32"
② DOOR LOUVER SEE ARCH. DRWS.
③ F.D. FIRE DAMPER SEE DETAIL 11/MI

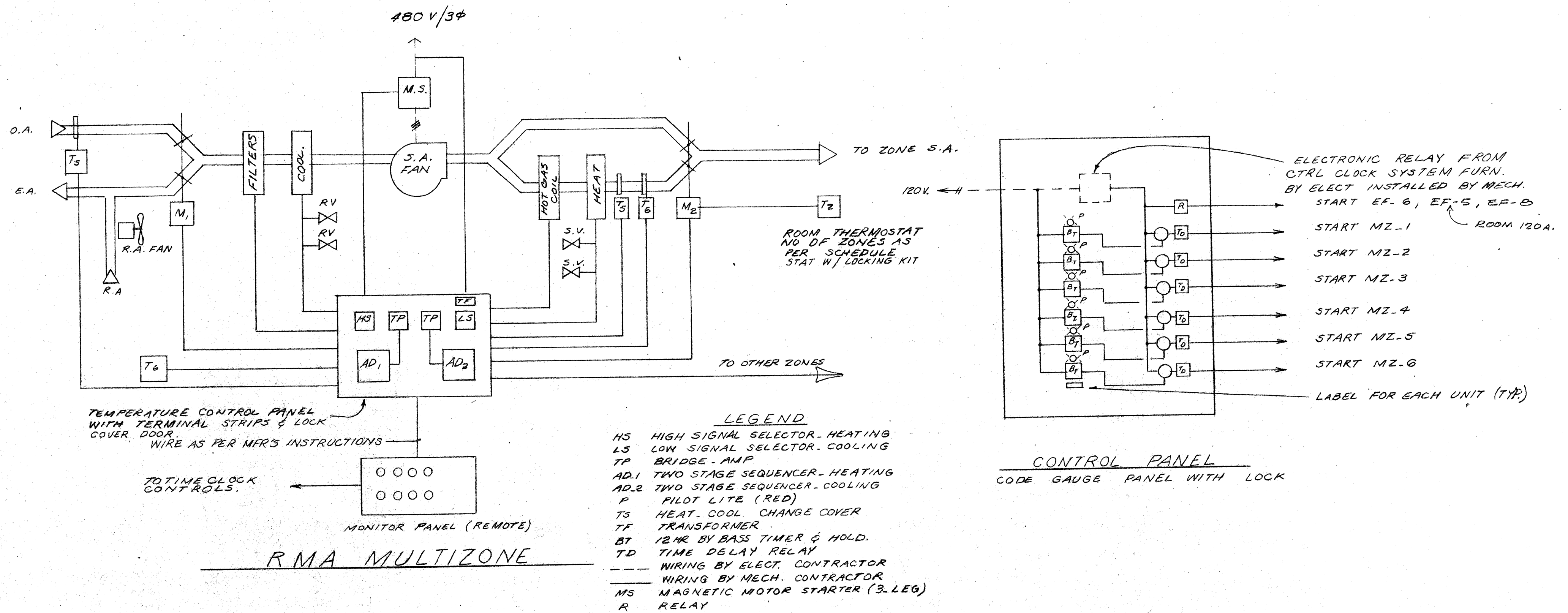
EQUIPMENT SCHEDULE

ROOF TOP MULTIZONES									
MARK	MAKE & MODEL	BTU/HR/NET	COOLING NOM. TONS	SUPPLY FAN ZONE & SIZE CFM	RETURN FAN	VOLTAGE	WEIGHT		
MZ-1	NESBITT NO RMA100 500, C24, 7 1/2, C, B04, R1, 40	500,000	24	7 1/2 H.P. 8135 CFM	1 H.P. 8135 CFM	480 VOLTS 63 AMPS	5940		
MZ-2	NESBITT NO RMA100 500, C24, 7 1/2, C, B04, R1, 40	500,000	24	7 1/2 H.P. 8620 CFM	1 H.P. 8120 CFM	480 VOLTS 63 AMPS	5940		
MZ-3	NESBITT NO RMA100 500, C30, 7 1/2, C, B04, R1, 40	500,000	30	7 1/2 H.P. 8840 CFM	1 H.P. 7545 CFM	480 VOLTS 91 AMPS	6120		
MZ-4	NESBITT NO RMA100 500, C30, 7 1/2, C, B04, R1, 40	500,000	30	7 1/2 H.P. 9060	1 H.P. 8160 CFM	480 VOLTS 91 AMPS	6120		
MZ-5	NESBITT NO RMA100 500, C24, 7 1/2, B, B04, R1, 40	500,000	24	7 1/2 H.P. 8475 CFM	3/4 H.P. 5713 CFM	480 VOLTS 63 AMPS	5940		
MZ-6	NESBITT NO RMA100 500, C22, 7 1/2, B, B05, R1, 40	500,000	22	7 1/2 H.P. 7160 CFM	3/4 H.P. 6890	480 VOLTS 63 AMPS	5940		

FANS, RELIEF VENTS									
MARK	MAKE	MODEL NO	CFM	STATIC PRESSURE	H.P. & VOLTAGE	BIRD SCREEN	REMARKS		
EF-1	ILG	FCS-1500FA	2000	1/2"	1 H.P. 480/3Ø	YES			
EF-2	ILG	BCF-3000FG	8000	1"	2 H.P. 480/3Ø				
EF-3	CAR. MON	35-F	3400	4"	5 H.P. 480/3Ø		WITH SAFETY GUARD ON THE MOTOR SIDE & MOTOR OPER. ATED KITS		
EF-4	ILG	PV243	9000	1/8"	1/3 H.P. 120		BACKDRAFT DAMPER NOT MOTORIZED		
EF-5	ILG	CRFA100	235	1/4"	1/30 H.P. 120				
EF-6	ILG	CRFA270	3170	1/4"	1/12 H.P. 480/3Ø				
EF-7	ILG	CRFA222	2,000	1/4"	1/13 H.P. 120				
EF-8	ILG	CRFA135	500	1/8"	1/12 H.P. 120				
RV-3	ILG	S-RVE-12	500						
RV-1	ILG	S-RVE-B	200						
RV-2	ILG	S-RVE-B	235						
RV-3	ILG	S-RVS-24	2,000						
PH-1	AIRLOITE		10,000				PENTHOUSE SHALL BE BAKED ENAMEL STEEL 24"x60"x24" MIN.		
PH-2	AIRLOITE		2,000				PENTHOUSE SHALL BE ENAMEL STEEL 24"x24"x18" MIN.		
WH-1	AIRLOITE		4,000				WALL LOUVER SHALL BE BAKED ENAMEL STEEL 36"x36"		

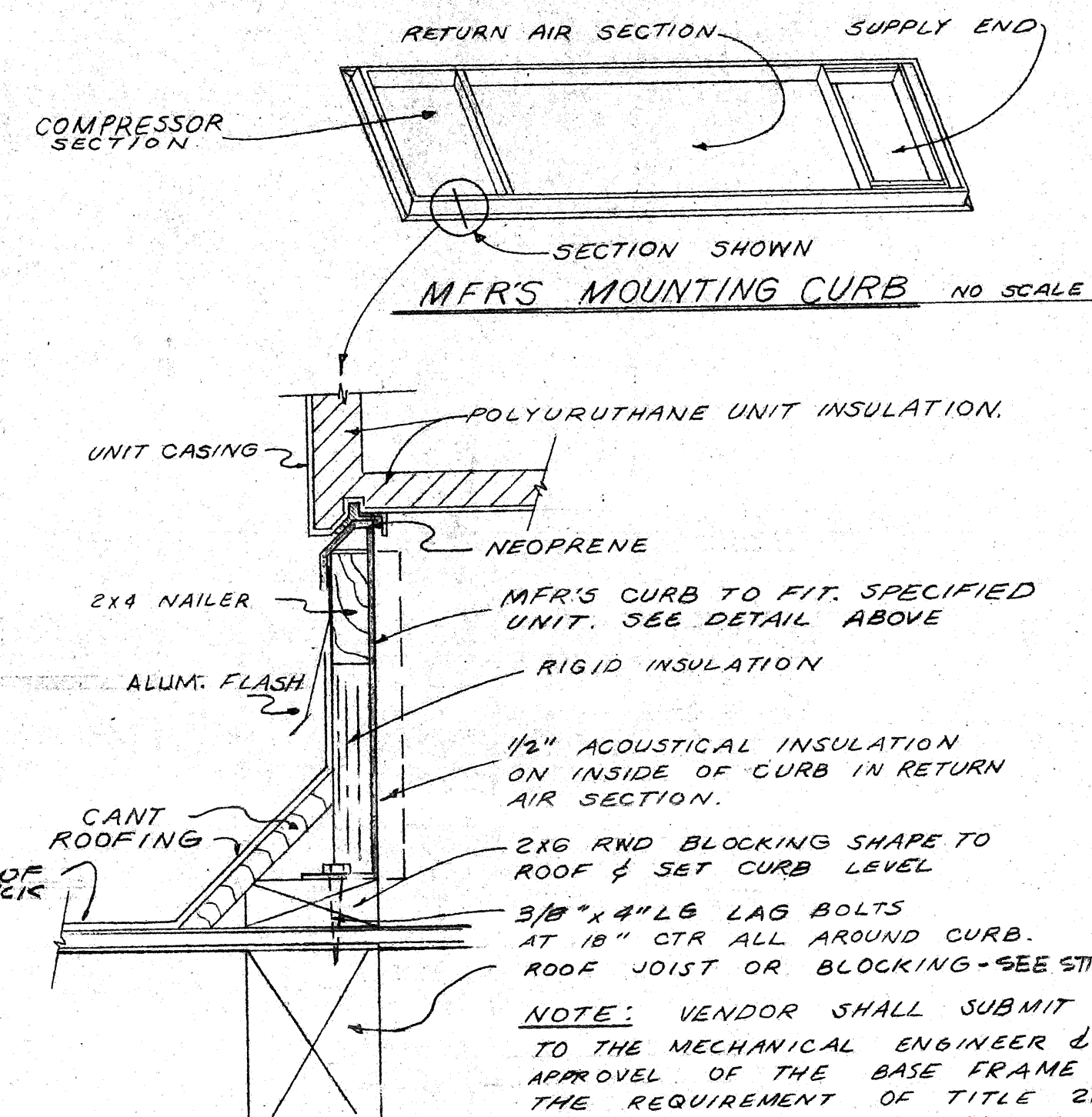


EXHAUST FAN MOUNTING DETAIL (2) NO SCALE: (M-1)



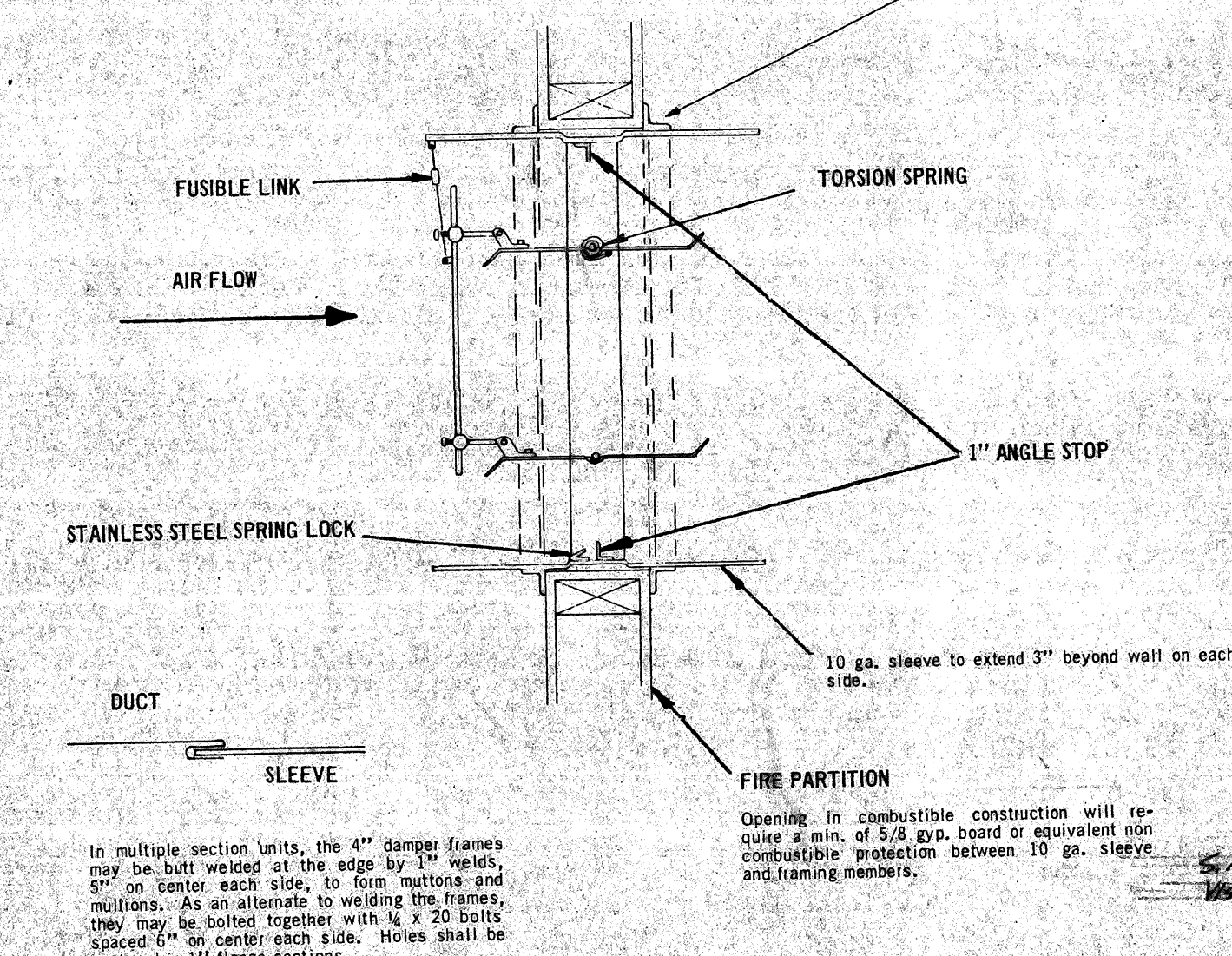
RMA MULTIZONE

TEMPERATURE CONTROL SYSTEM NO SCALE:

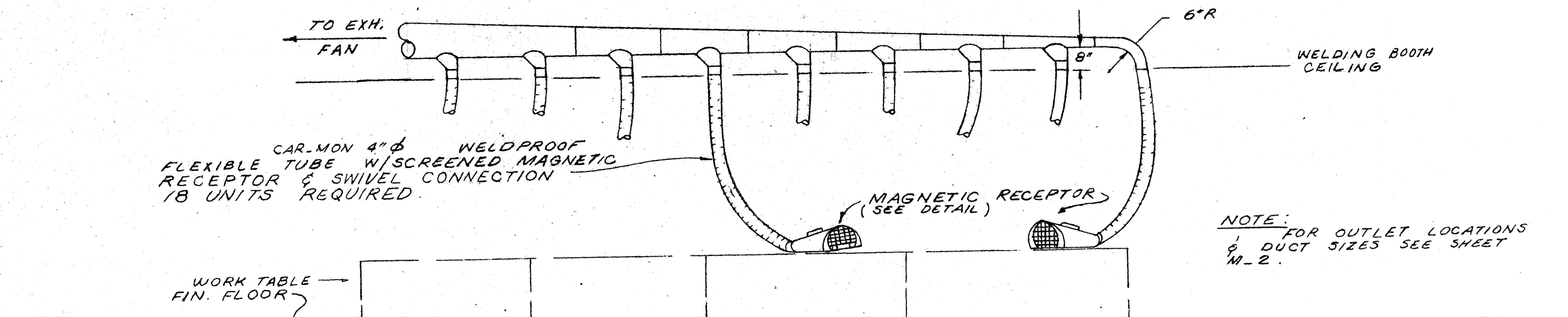


MULTI-ZONE MOUNTING DETAIL NO SCALE: (M-1)

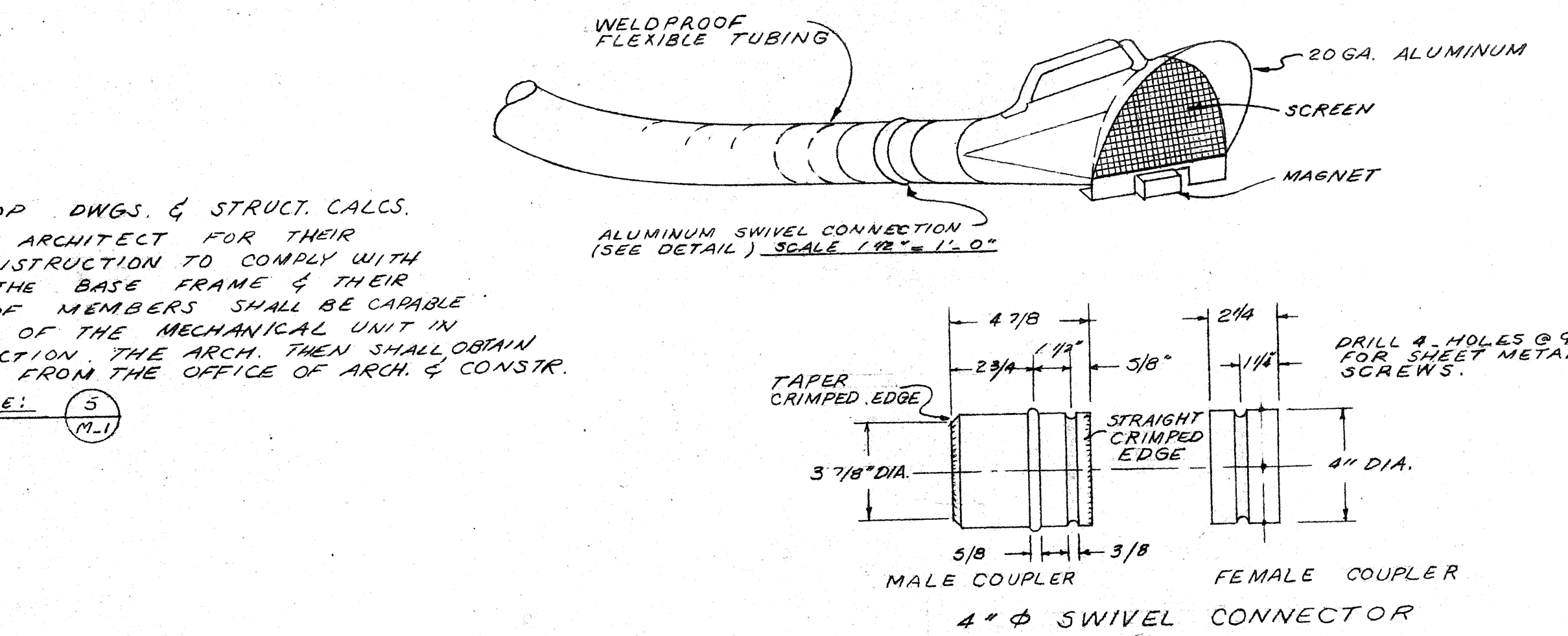
FIRE DAMPER MODEL #FM-10S



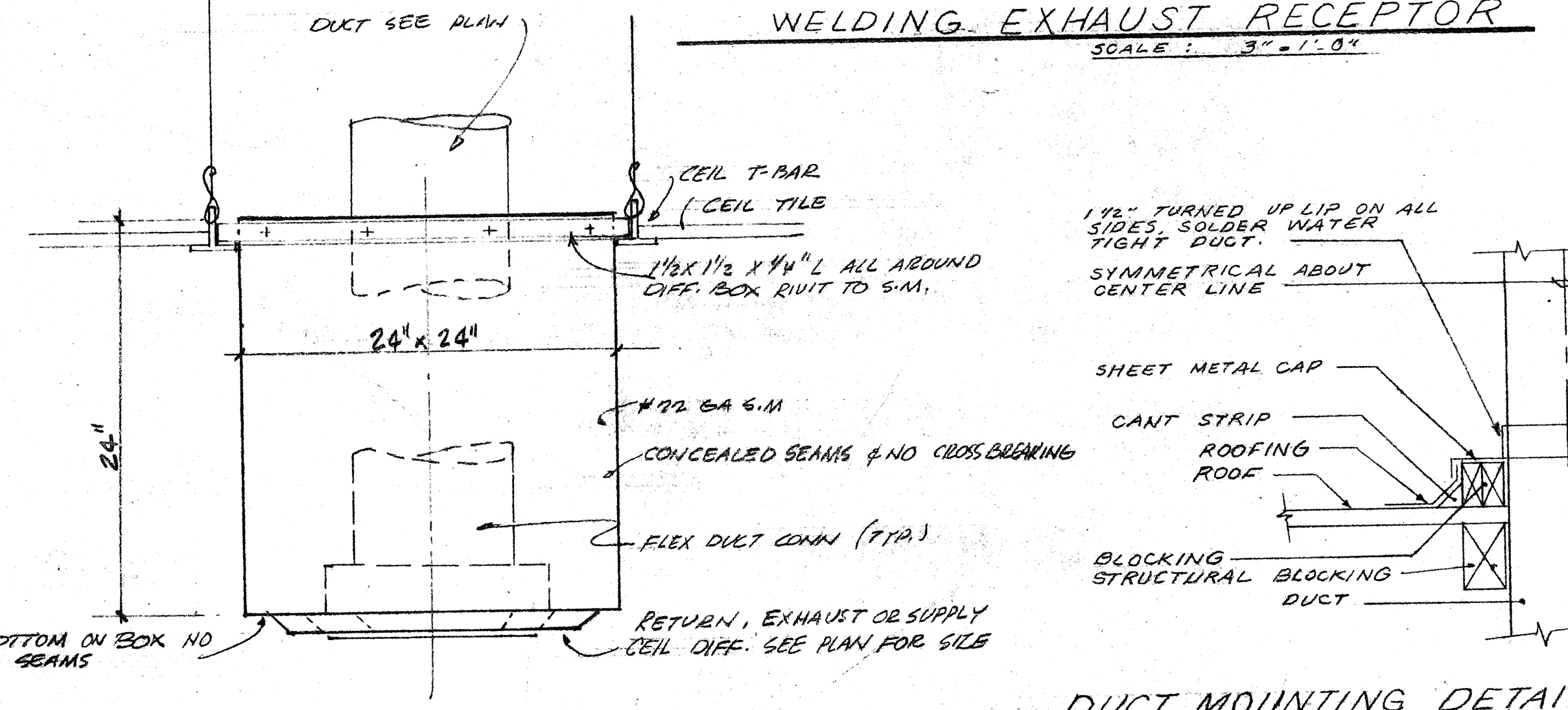
FIRE DAMPER DETAIL (M-1)



TYPICAL ELEVATION - WELDING SYSTEMS NO SCALE: (M-1)



WELDING EXHAUST RECEPTOR SCALE: 3" = 1'-0"



TYPICAL AIR OUTLET BOX DROP-FOR ALL OUTLETS IN SUSPENDED CEILINGS NO SCALE:

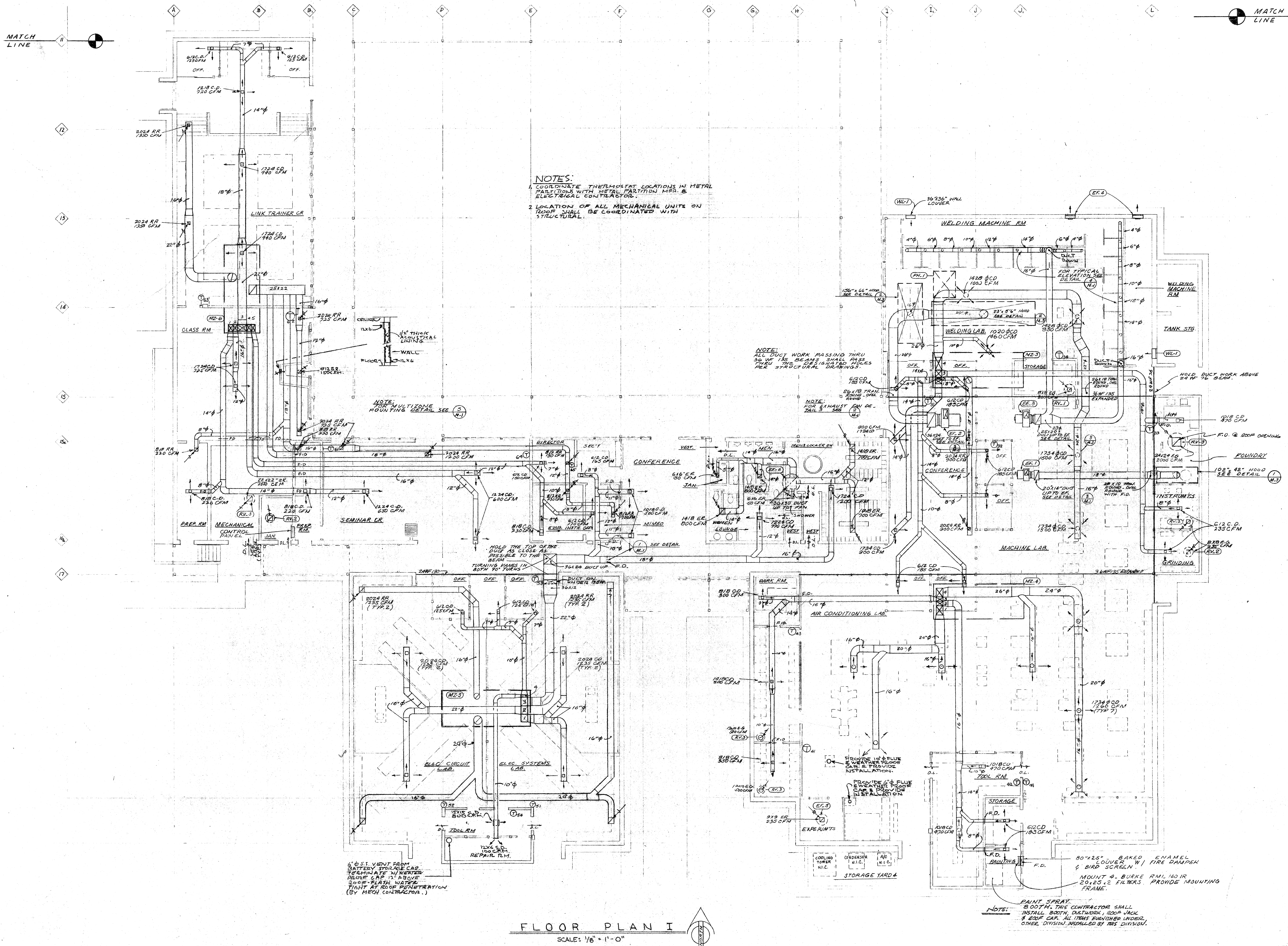
NOTE: SHOP DRAWINGS AND A SAMPLE UNIT OF THIS DROP BOX SHALL BE FURNISHED TO THE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION OR FABRICATION.

DUCT MOUNTING DETAIL (M-1)

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3816 MACDONALD AVENUE
RICHMOND, CALIF. 94804
CONFERR + LARSEN + CROSSEN
1200 CONTEA COSTA BLVD.
CONCORD, CALIF. 94609
J. E. CROSEN, ARCHITECT
A. SOTO, ARCHITECT
ASSOCIATED ARCHITECTURAL FIRMS P.C. COMPANY PARTNER

MECHANICAL DETAILS SCHEDULES & GENERAL NOTES
TECHNICAL VOCATIONAL FACILITY
(ENGINEERING TECHNOLOGY CENTER)
CONTEA COSTA JUNIOR COLLEGE DISTRICT
PLEASANT HILL, CALIFORNIA
SHEET
M-1
DATE
9-26-69

FOR CONTINUATION OF PLAN SEE SHT. M-3



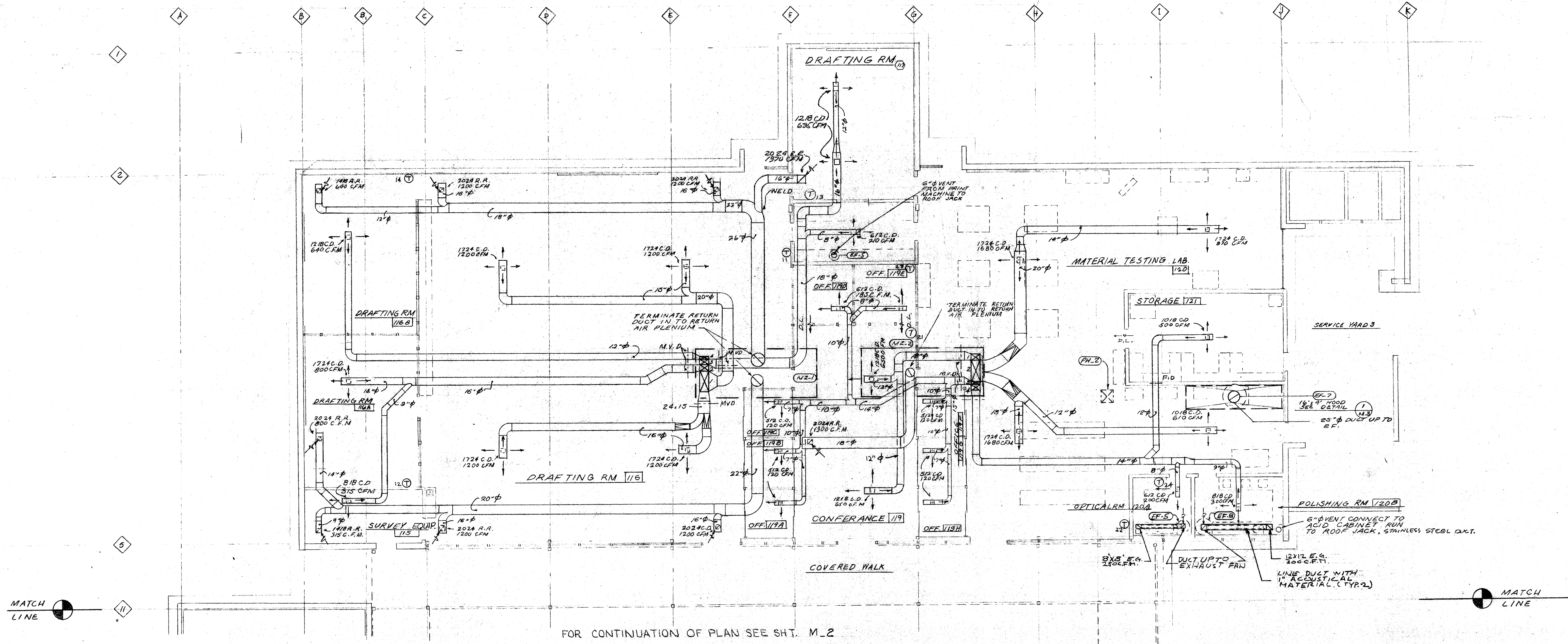
FLOOR PLAN I
SCALE: 1/8" = 1'-0"

COMETTA AND SOOTARD
3516 MACDONALD AVENUE RICHMOND, CALIF. 94804
CONFER + LARSEN + CROSSEN
1500 CONTRA COSTA BLVD. CONCORD, CALIF. 94520
E. A. COMETTA, PARTNER L. N. CROFFER, ARCHITECT J. E. CROFFER, ARCHITECT
A. DODDARD, ARCHITECT ASSOCIATED ARCHITECTURAL FIRMS P.W. CONFEE, PARTNER

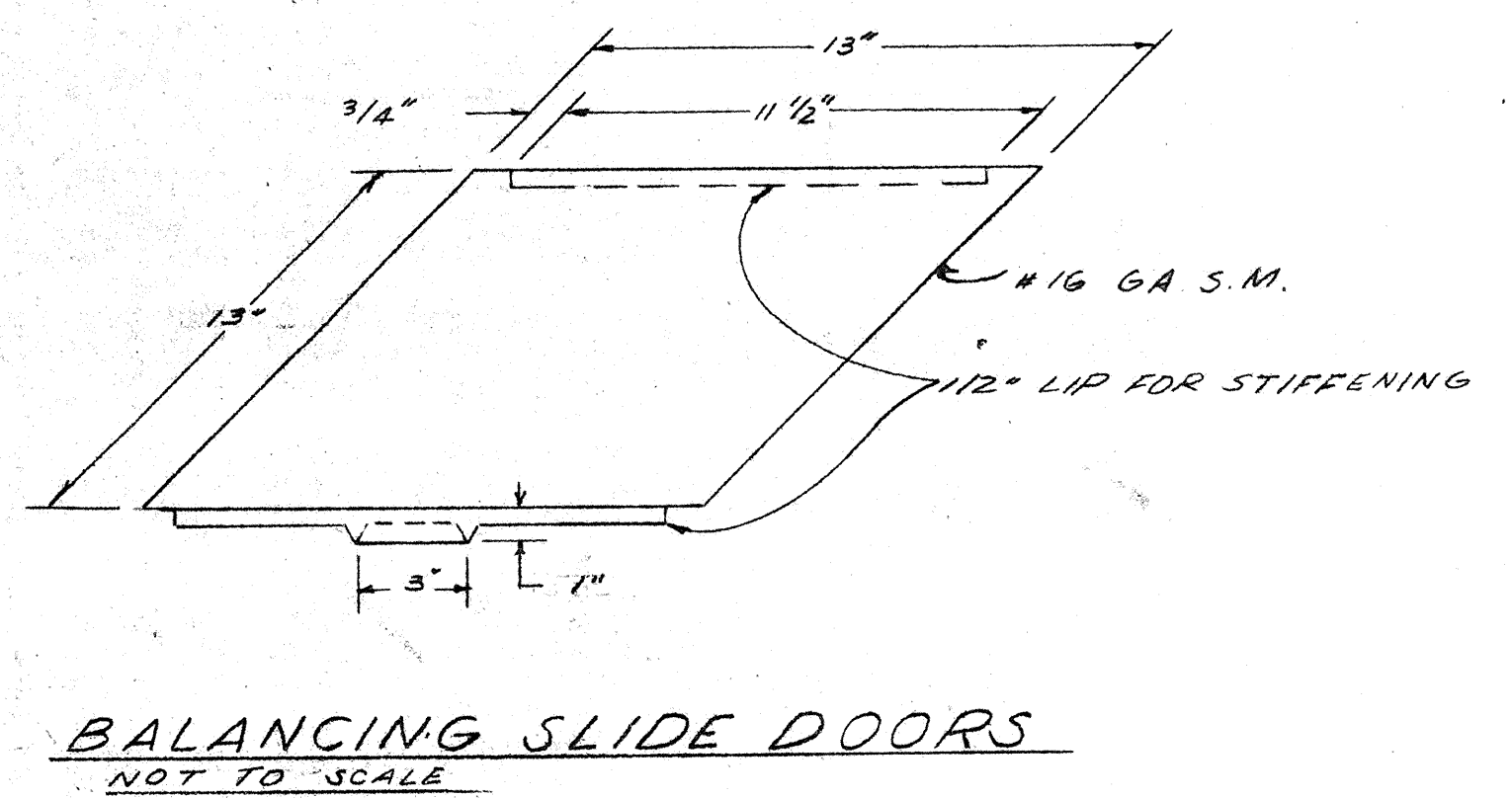
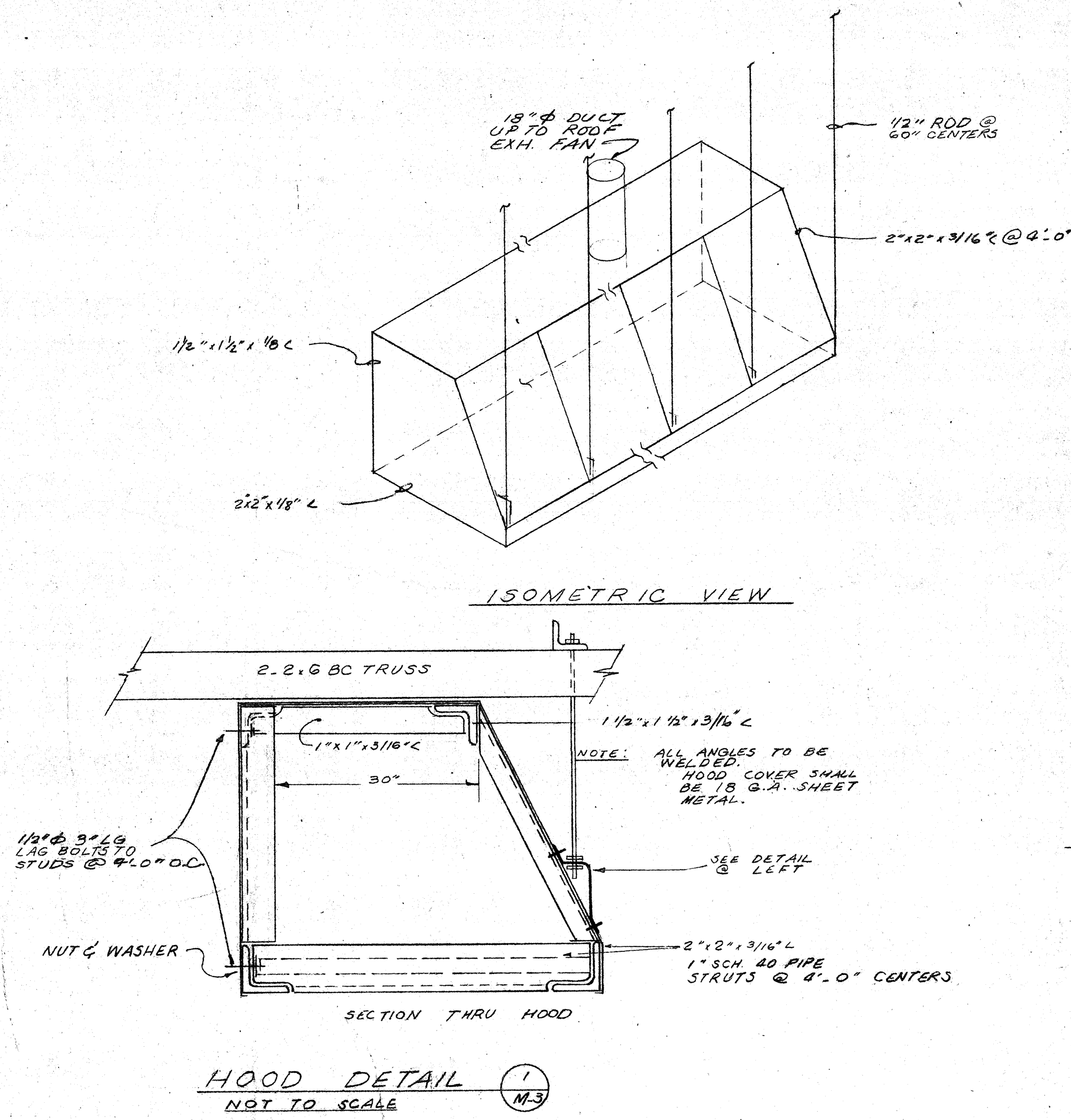
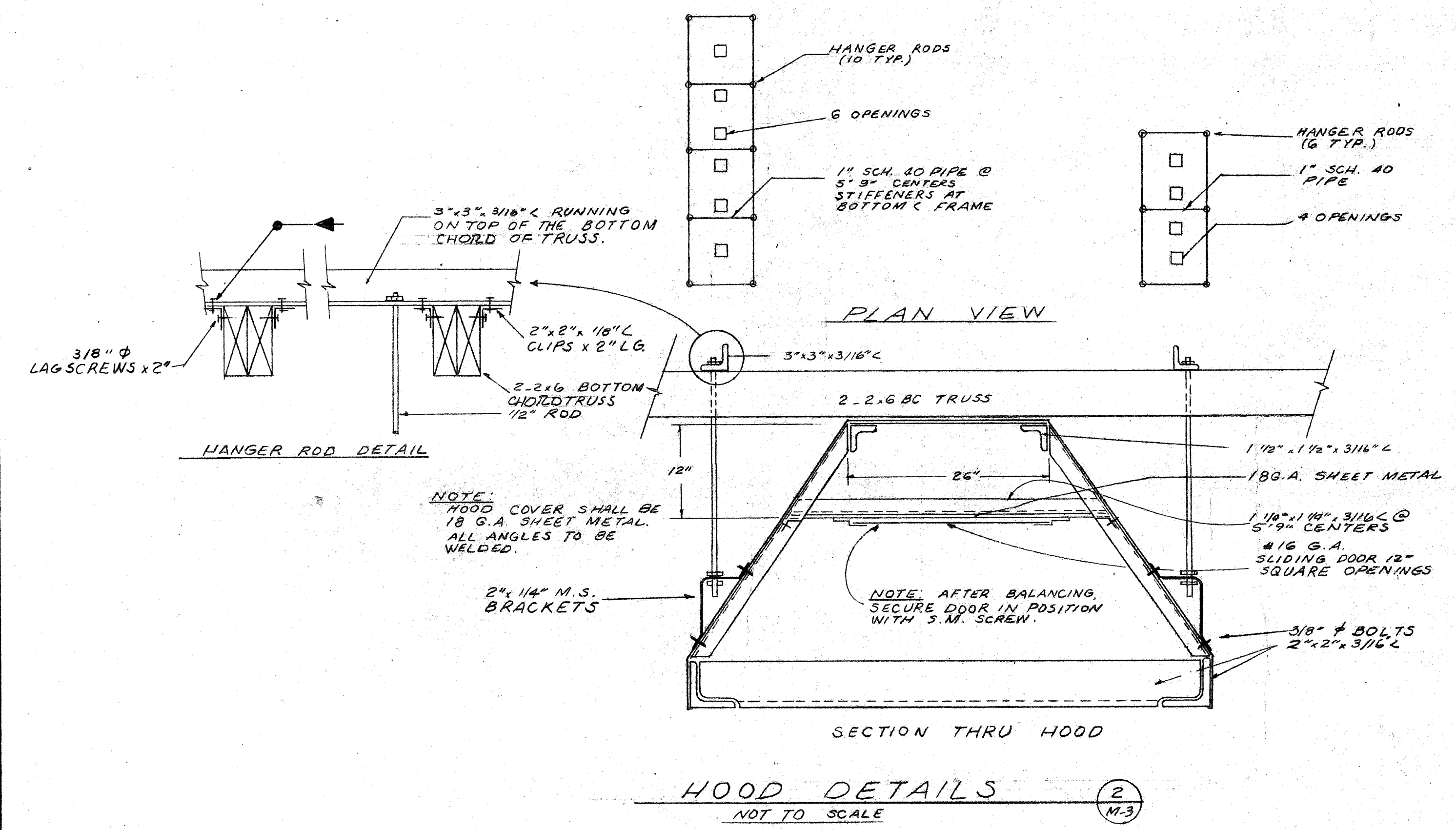
ARCHITECT
STRUCTURAL ENGINEER
CONSULTING ENGINEER
92247 APPROVED
DATE 10/19/69

MECHANICAL FLOOR PLAN
TECHNICAL VOCATIONAL FACILITY
(ENGINEERING TECHNOLOGY CENTER)
CONTRA COSTA JUNIOR COLLEGE DISTRICT
PLEASANT HILL

SHEET
M-2
OF 3
DATE
9-26-69



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



ARCHITECT: *James E. Cometta*

STRUCTURAL ENGINEER: *James E. Cometta*

APPROVED: *James E. Cometta*

DATE: 3-22-77

PROJECT: *Technical Vocational Facility*

LOCATION: *Diablo Valley College*

CONTRACTOR: *James E. Cometta*

COMETTA AND SOOTARU

3516 MADONALD AVENUE, RICHMOND, CALIF. 94804

CONFER + LARSEN + CROSSEN

1200 CONTRA COSTA BLVD., CONCORD, CALIF. 94601

P. L. R. CORP. ARCHITECTS ASSOCIATED ARCHITECTS FIRM P. L. R. CORP. PARTNER

MECHANICAL FLOOR PLAN & DETAIL

TECHNICAL VOCATIONAL FACILITY

(ENGINEERING TECHNOLOGY CENTER)

DIABLO VALLEY COLLEGE

CONTRACTOR: JAMES E. COMETTA

DATE: 3-22-77

SHEET: M-3