### ARCHITECTURAL DRAWINGS

1	
No.	DEGCRIPTION
A- 0	TITLE SHEET
A - 1	GITE DEMOLITION PLAN - ROOF PLAN
A-2	SITE DEVELOPMENT PLAN
A-3	FLOOR PLAN - NEW ADDITION
A-4	REFLECTED CEILING PLAN - DOOR AND FINISH SCHEDULES
A-5	EXTERIOR ELEVATIONS
A-6	BUILDING GECTIONS
A-7	AGTRO LECTURE HALL AND TOILET PLANS
A-8	INTERIOR ELEVATIONS
A-9	INTERIOR ELEVATIONS
A - 10	EXISTING BUILDING - FLOOR PLAN, CEILING PLAN AND INTERIOR ELEVATIONS
A-11	EXISTING BUILDING - CHEMISTRY LAB REMODELING
A-12	LANDSCAPE PLAN ALISSIANS
A - 13	SITE DEVELOPMENT AND LANDSCAPE PLAN- LIBRARY COURT
1-1	SITE IRRIGATION PLAN - NATURAL SCIENCES
I - 2	SITE IRRIGATION PLAN - LIBRARY COURT

I - 3 IRRIGATION DETAILS

The .

### STRUCTURAL DRAWINGS

	1				Ĩ
	No.	DEGCRIPTION			r
	6-1	GENERAL NOTES AND TYPICAL DETAILS			
	6 - 2	CARPENTRY NOTES AND TYPICAL DETAILS			
	6-3	FLOOR FRAMING AND FOUNDATION PLANS			
	6 - 4	ROOF FRAMING PLANS			
	6-5	STRUCTURAL SECTIONS	a. "		
	6-6	STRUCTURAL SECTIONS	. s		
<sup>10</sup> Coally robust	6 - 7	STRUCTURAL SECTIONS		*	

CONTRACTOR OF CONTRACTOR

Construction of the second sec	
No.	DESCRIF
M - 1	MECHANI
M-2	MECHANI
P-1	PLUMBIN
P-2	PLUMBIN
P-3	PLUMBIN
1	

		tanto former hanner	C	1	R	10		4
							name a Browne	
ţ	10				DE	.6	CF	21 F

E-1	GITE PL
E-2	FIXTURE
E-3	ONE LIN
E-4	FLOOR P
E-5	FLOOR P
E-6	MULTI-P LIGHTING
E-7	SITE DE

.

# NATURAL SCIENCES BUILDING ADDITION AND REMODELING

### MECHANICAL DRAWINGS

### MON

- ICAL FLOOR PLAN NICAL SCHEDLILE, DIAGRAMS AND DETAILS
- NG SITE PLAN
- NG FLOOR PLANS
- ING FLOOR PLAN

### L DRAWINGS

### IPTION

- LAN, SYMBOL LISTS AND DETAILS
- E SCHEDULE AND DETAILS
- INE DIAGRAM AND PANEL SCHEDULES
- PLAN LIGHTING
- PLAN POWER AND SIGNAL
- PURPOSE ASTROLECTURE HALL
- VG AND SIGNALS
- DEVELOPMENT AND LANDGCAPE PLAN -LIBRARY COURT

### ABBREVIATIONS

ALUM, ADJ. ACOUST. BD. BLK. BLKG. BOTT. BLDG. BD. C.B. CEIL,

CER. C.H. CL., CLR. COL. CONC. COND. CONF. CONT. CORR. COV.

DBL. DECK'G DET., DTL D.F. DIM. PT. D.N. D.S. DWG.

ELECT. EXPAN EQ. EXP,

> F.D. F.E.C. FIN. FIX. FL., FLR F.O.C. F.O.S. F.H.C. FOLD'G. F.H.W.S.

	ALUMINUM
	AT
aria.	ADJUSTABLE
***	ACOUSTICAL
-	BOARD
-	BLOCK
1	BLOCKING
NAME .	BOTTOM
<b>98339</b>	BUILDING BOARD
-	CABINET
-	CHALK BOARD
4,000	CEILING
899	CEMENT
-	CERAMIC
-	CEILING HEIGH
5000	CLEAR
	in and a share set a

- COLUMN - CONCRETE - CONDITION - CONFERENCE CONTINUOUS - CORRIDOR - COVERED

- DOUBLE - DECKING - DETAIL - DRINKING FOUNTAIN - DIMENSION POINT - DOWN - DOOR - DOWNSPOUT - DRAWING

- ELECTRICAL - EXPANSION - EQUAL - EXPOSED

- FLOOR DRAIN , - FIRE EXTINGUISHER CABINET - FINISH - FIXED - FLOOR - FACE OF CONCRETE .- FACE OF STUD - FIRE HOSE CABINET - FOLDING - FLAT HEAD WOOD SCREW

### GA. - GAUGE G.B., GYP. BD. - GYPSUM BOARE HR. HDW. HT. INT. INCL. INSUL.

LG.

L.W.

MECH

MFG.

MIN.

MTL.

N.I.C.

NO.

OFF.

PAV'G

PLY.

PL.

PT.

RM.

REQ'D.

R.W.

REF.

SIM.

S.S.

SQ.

STL.

STOR.

STRUCT.

S.E.D.

S.S.D.

S.M.D.

S.P.D.

SUSP.

THK.

THRES. TYP.

V.A.T.

W/

W.P.

WD.

SCHED.

SH., SHT.

PROJ.

PLAS. LAM.

RWD., REDWD.

- LEG - LIGHT WEIGHT MECHANICAL - MANUFACTURER - MINIMUM

- GAUGE

- HOUR

- HEIGHT - INTERIOR

- INCLUDE

GLASS

- METAL - NOT IN CONTRACT - NUMBER

- OFFICE

- PAVING - PLYWOOD - PLATE - POINT - PROJECTOR

- ROOM - REQUIRED - REDWOOD - REFERENCE

- SHEET - SIMILAR - SCHEDULE - STAINLESS STEEL DRAWINGS DRAWINGS DRAWINGS DRAWINGS BASE BID "C" BEE BHEET 3/D-.4 Contraction with Williams EES V BASEBID'B PART 2/ SEE SHEET A-13 BASE BID "B'PART

- SQUARE - STEEL - STORAGE - STRUCTURAL - SEE ELECTRICAL - SEE STRUCTURAL - SEE MECHANICA - SEE PLUMBING - SUSPENDED - THICKNESS - THRESHOLD - TYPICAL - VINYL ASBESTOS TILE - WITH - WATERPROOF - WOOD

### LEGEND AND ABBREVIATIONS

(I) (A) GRID LINE HORIZONT ROOM NUMBER HARDWARE DOOR NUMBER - INSULATION WINDOW TYPE SHEET NUMBER Q-1 81/2"XII" DETAIL SHEET NOTE:

SEE SHEETS A-3 #A-4 FOR LEGEND AND ABBREVIATIONS NOT SHOWN ON THISSHEET

- PLASTIC LAMINATE - RETAINING WALL

> BASE BID'E PART 4 6EE SHEET 4/D-14 Q and the second s

SEE SHEET A-13

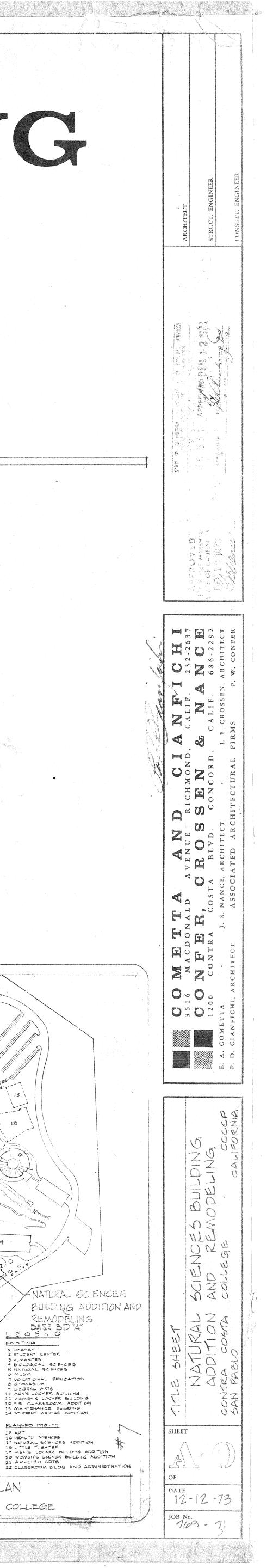
NOTE: GEE GHEET NO.14 FOR BASE BID B' PARTS

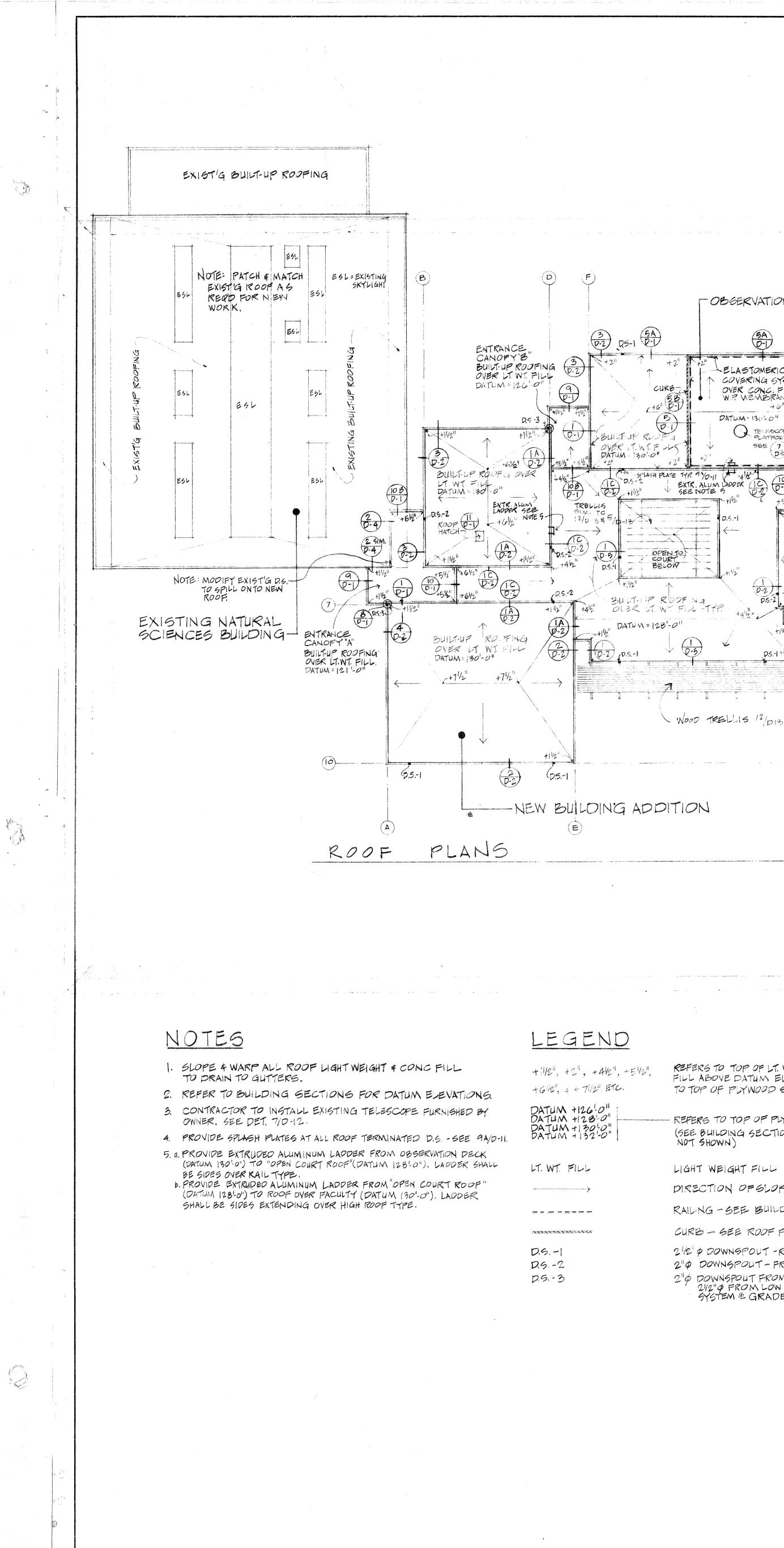
LOCATION PLAN CONTRA COSTA COLLEGE

(Ind)

S S D W

8 R anta





## REFERS TO TOP OF LT. WT. FILL AND TOP OF CONC. FILL ABOVE DATUM ELEVATION. DATUM REFERENCE

-OBGERVATION DECK

ELASTOMERIC DECK

COVERING SYSTEM

OVER CONC. FILLY

TELESCOPE PLATFOEM

DATUM - 130'-0"

EXTR. ALUM LADDER

and a second sec

-RAILING

OVER LT. WT. FILL. DATUM = 132 0"

SCALE 1/6 = 1-0

- STAIR RODES:

BUILT UP ROOF G

ENTRANCE CANOPY "C"

BUILT-UP RODFING

OVER LT. WT. FILL

SDOME ROOFS

ELASTOMERIC

S-1 OVER FLY WOOD

KG.V.

4 TOTAL.

ROOFING SYSTEM

ROOF GRAVITY VENTS

Reference North

DATUM= 126'-0" (A)

TO TOP OF PLYWOOD SHEATHING IS TAKEN AS ±0" REFERS TO TOP OF PLYWOOD SHEATHING ELEVATION.

(SEE BUILDING SECTIONS & DETAILS FOR DATUM NOT SHOWN)

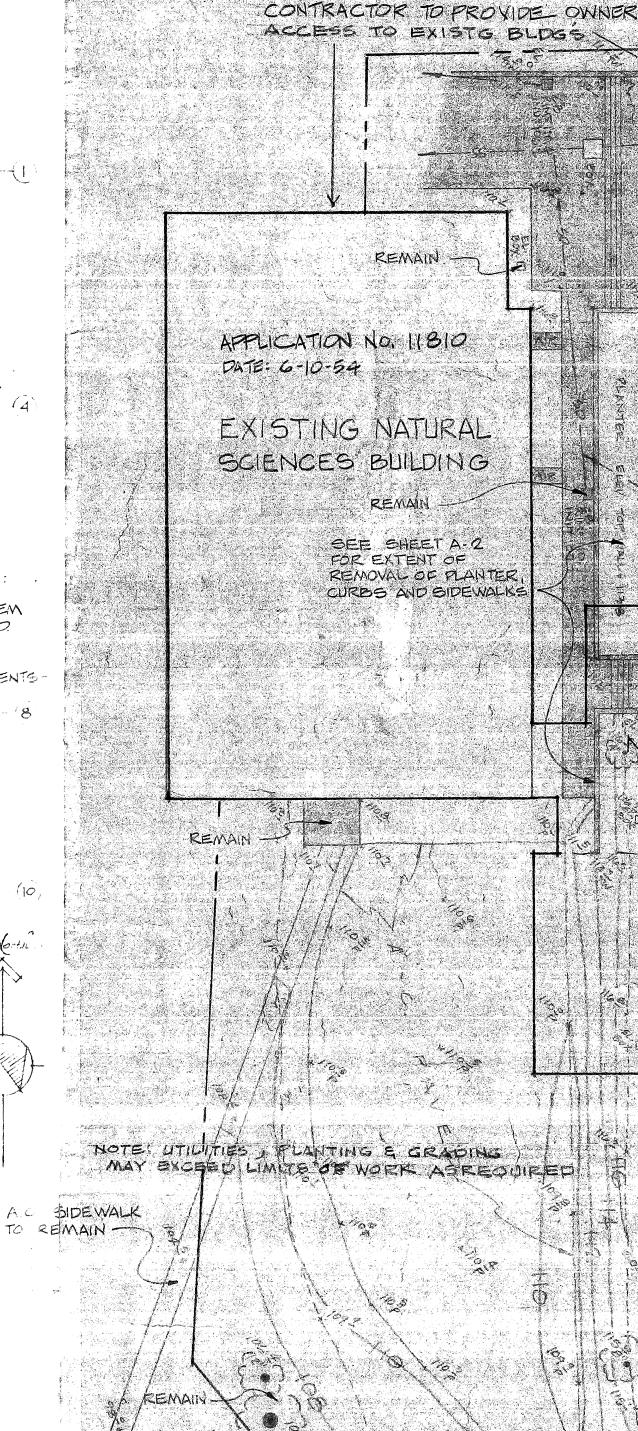
LIGHT WEIGHT FILL

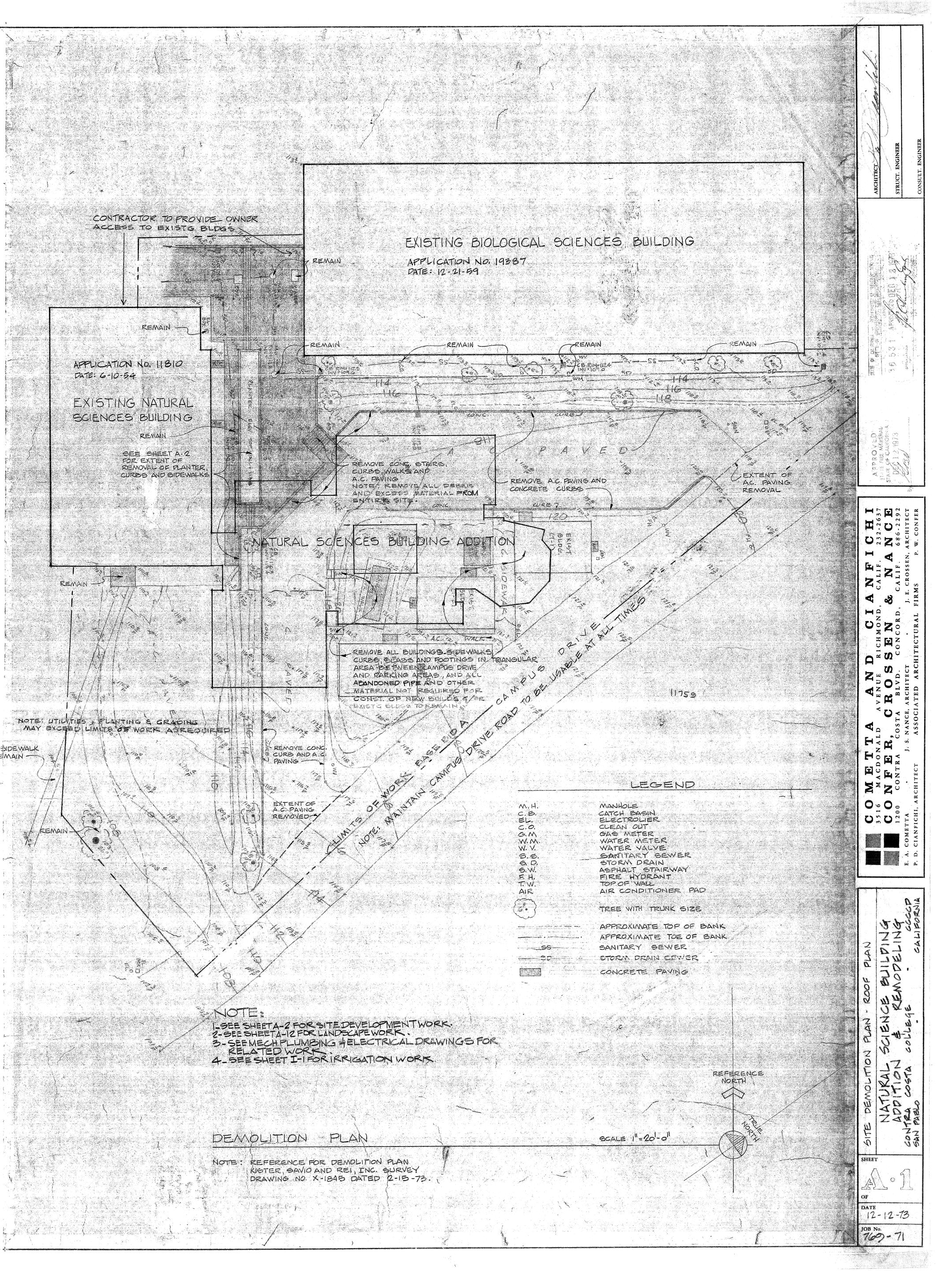
DIRECTION OF SLOPE - WARP AS RED'D - DRAIN TO GUTTER

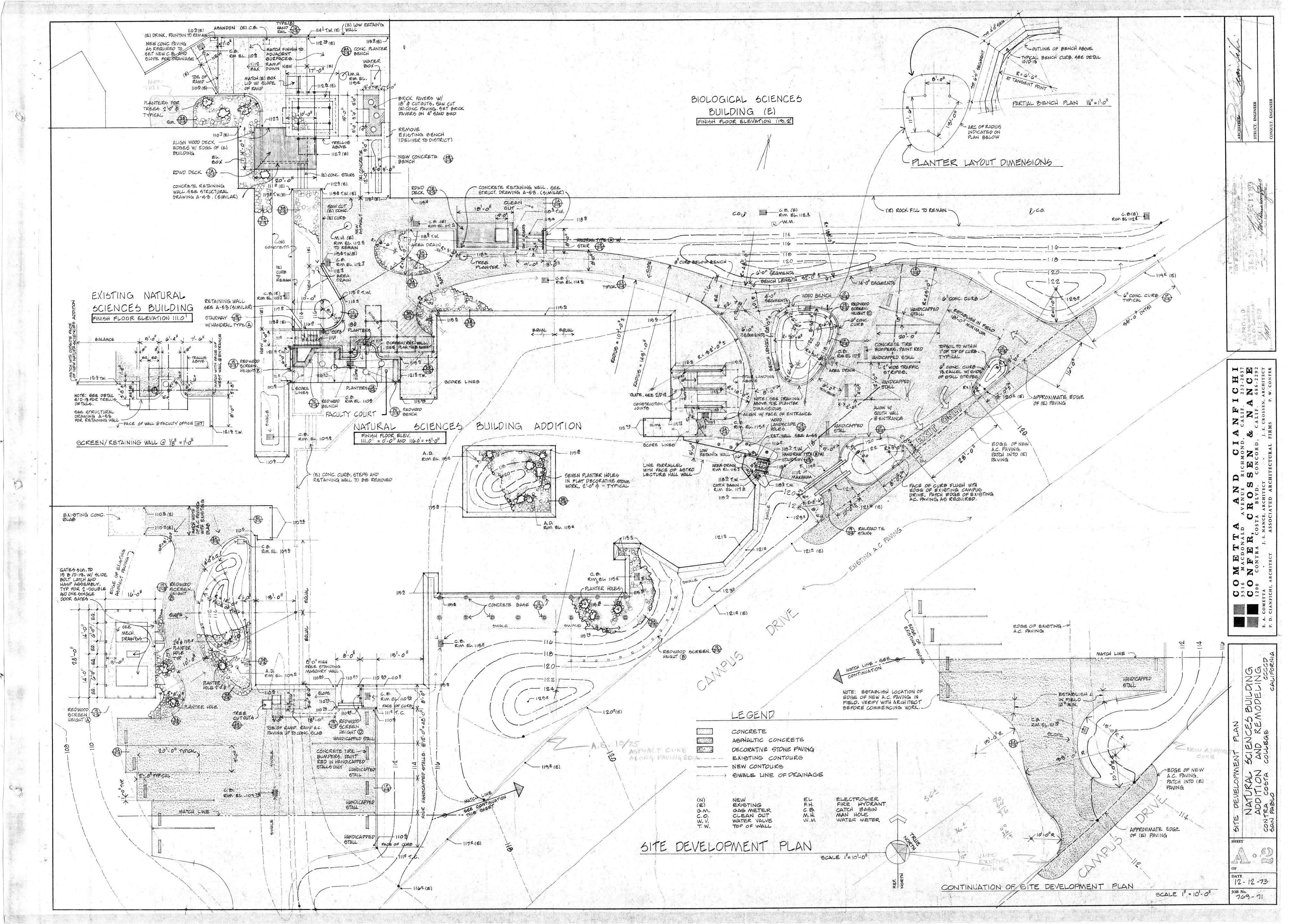
RAILING - SEE BUILDING SECTIONS SHEET A-G FOR EXTENT

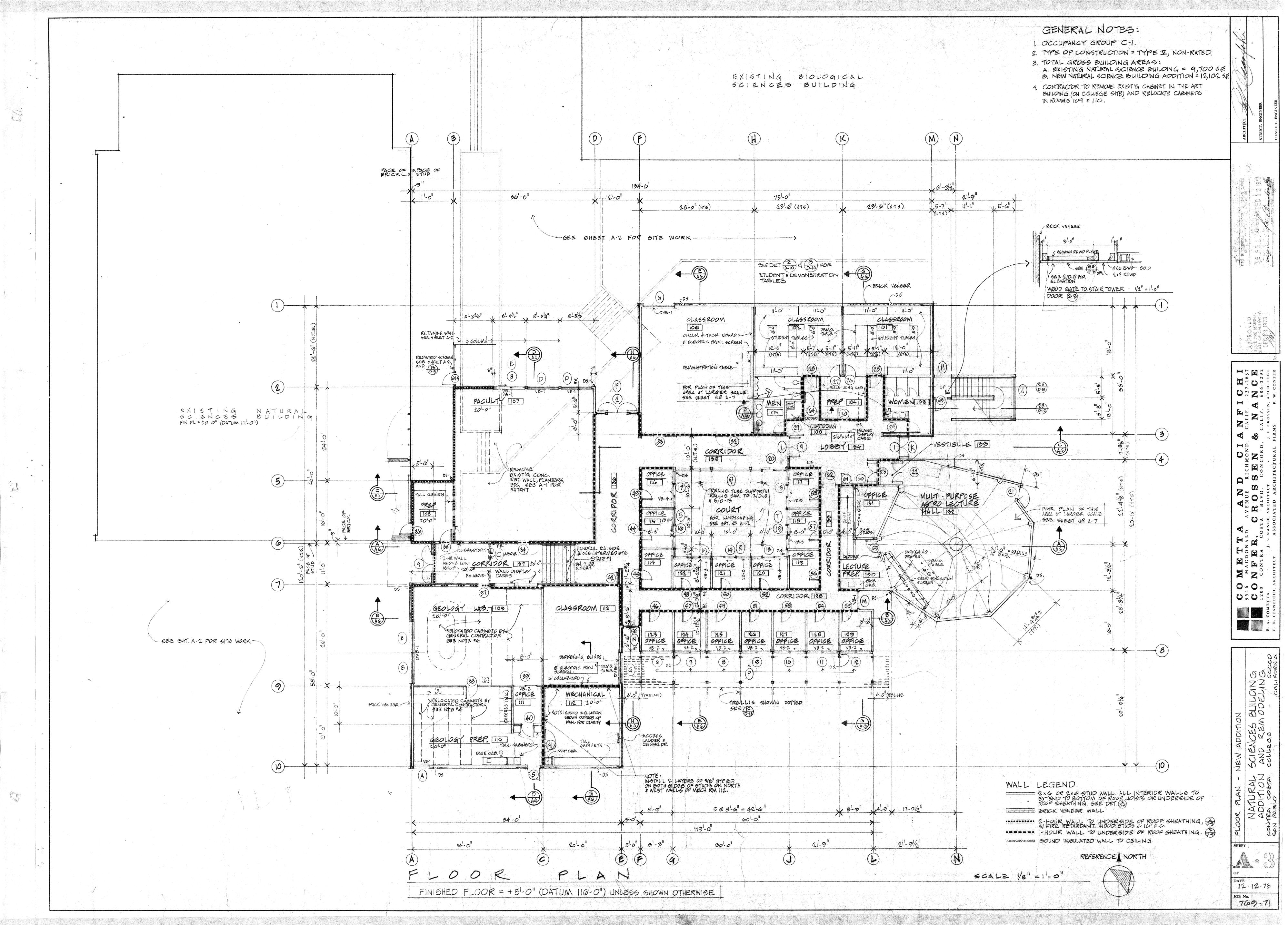
CURB - GEE ROOF PLAN FOR EXTENT. 21/2" & DOWNSPOUT - ROOF TO STORM DRAINAGE STATEM EGRADE. 2" & DOWNGPOUT - FROM HIGH ROOF TO LOW ROOF SEE DET. 9A/D-11.

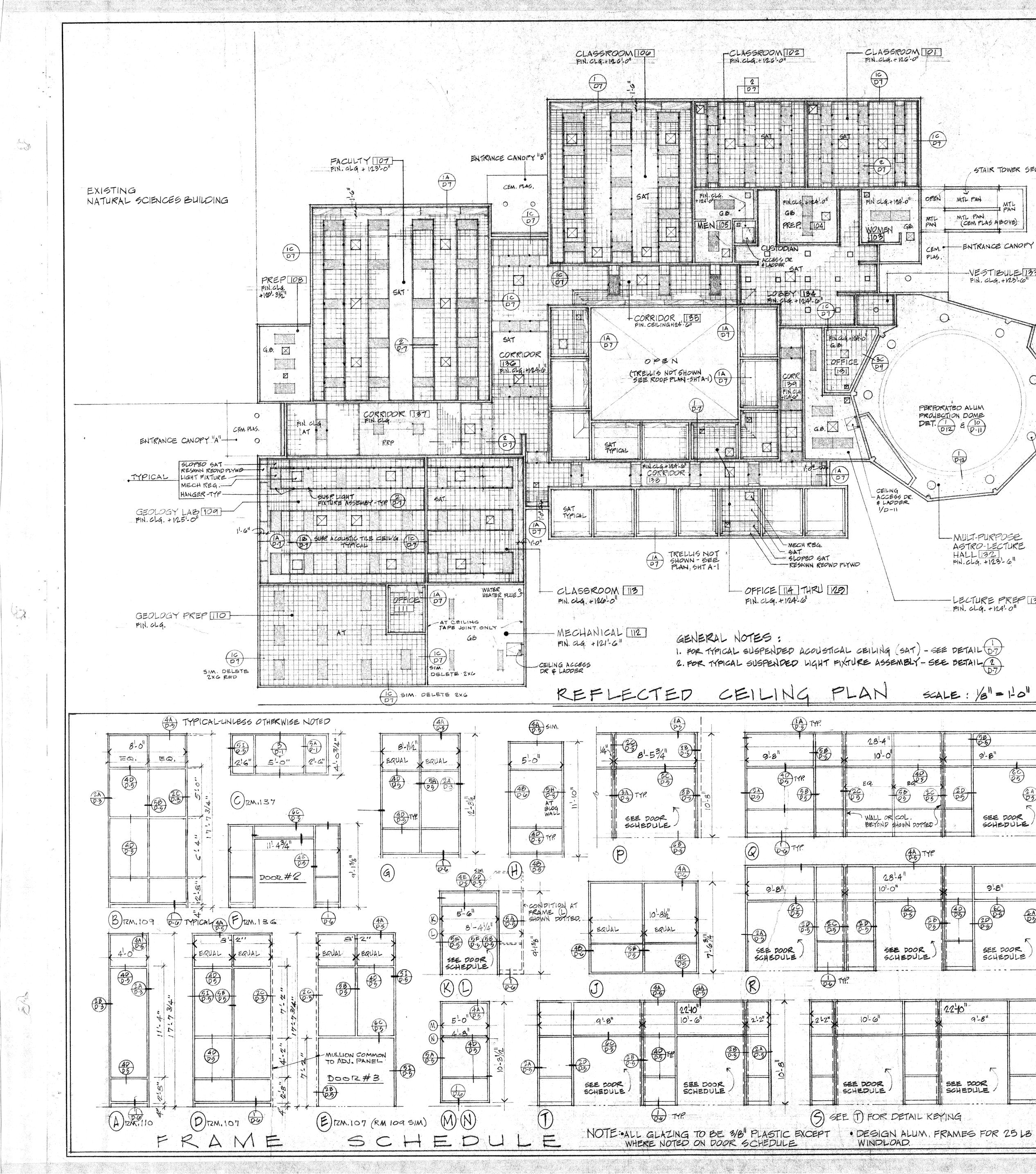
2"\$ DOWNSPOLT FROM HIGH ROOF TO LOW ROOF GUTTER, 21/2"\$ FROM LOW ROOF GUTTER TO STORM DRAINAGE SYSTEM @ GRADE, SEE DET. 8/D-1 \$ 9/D-11.







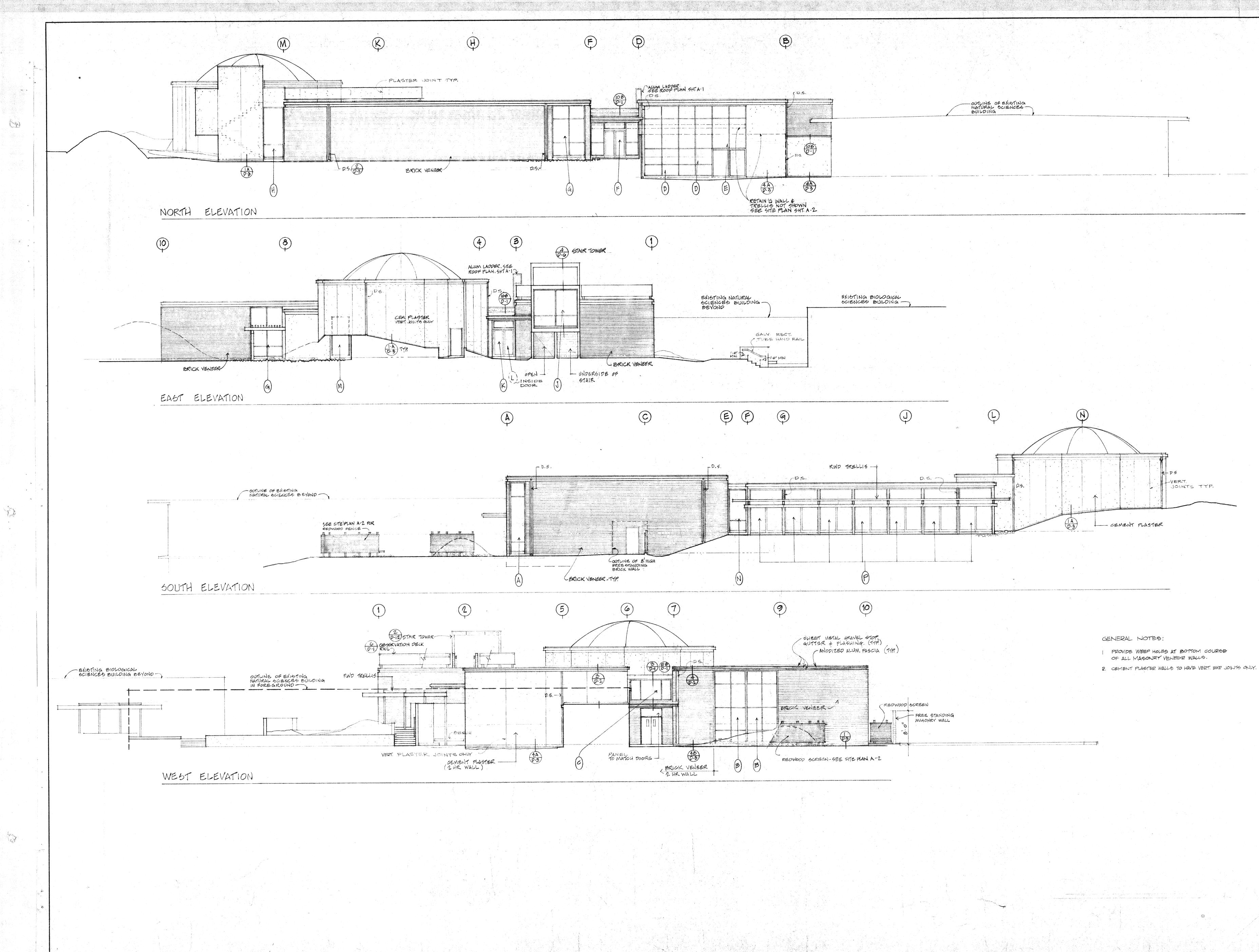




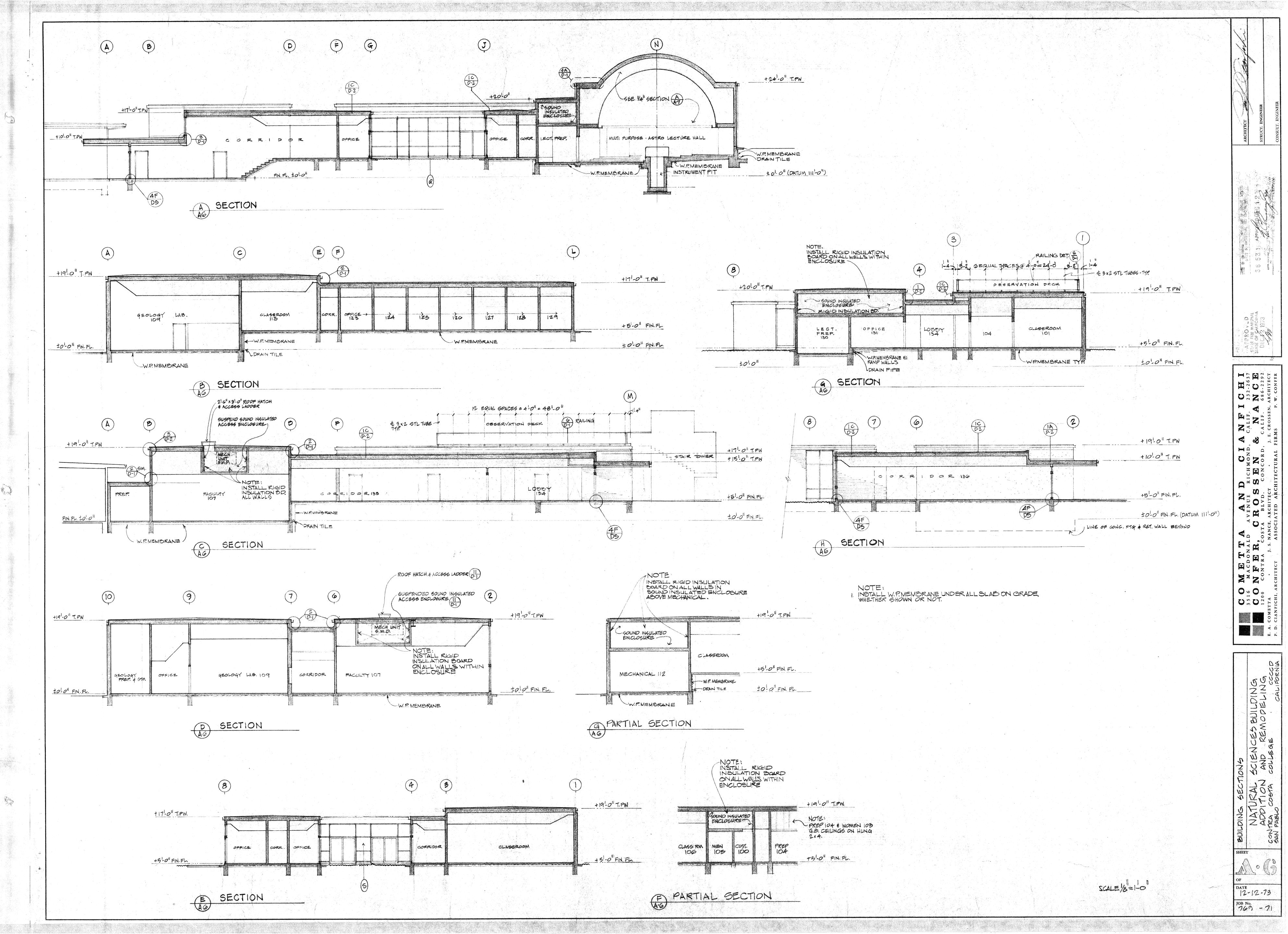
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	00M 40.	ROOM NAME	FLOOK MAT.	BAGE MAT.	WAL	-L M WEST		- A Cartana and	in the second second		EILII AT. TI	NG RIM
and the second	00	CUSTODIAN	VAT	R	GB VF/GB	GB VF/GB	GB VF/GB	GB 0 VF/0	691 18	artes de la ferrar en second de la ferrar de		PŧWD
and the second	02	CLASSROOM WOMEN	VAT CT	R CT	VF/GB CT	VF/GB CT	VF/GE CT	CT		G	3	P\$WD
	04	PREP. Men	VAT CT	R CT	GB CT	GB	GB CT	GB	59	- GE	3	
and the second	06	CLASSROOM FACULTY	CA	R.	VF/GB VF/GB	VF/GB VF/GB	VF/GB VF/GB	VF/G	18	- 54	T RR	P\$WD P&₩D
i je je i stanovala s	08	PREP. Geology LAB.	CA	R	GB VF/GB	GB VF/GB	GB VF/GB			- 54	T RR	PEWD
	10	geology prep. Office	VAT CA	RCA	GB RRP/GB	GB RRP/GB	an far an			54	TRR	P\$WD
L	12	MECHANICAL		R	GB VF/GB	GB VF/GB	ana ana amin'ny soratra amin'ny soratra dia mampika	un na sana kata sa	an a	- 64	VT RR	P\$WD
	14	OFFICE	CA CA	CA	RRP RRP/GB	RRP/GB	RRP/GI	B RRP/	GB ST	51	AT RE	Pawd Pawd
INOPY "C"	16 17 18		CA CA CA	CA CA CA	RRP/GB RRP	and an experimental sector of the sector of	RRP/G		iab st	5,	AT RE	PAWD
E133	10 20		CA	CA	RRP RRP/GB	RRP/GE	RRP/G	B RRP/	GB ST	5.	AT RR	P&WD P&WD
	21 22		CA	CA CA	RRPIGB RRPIGB	RRP/GE	BRRP/G	BRRF	2 51		an an the second states and the second se	RP&ND
	23 24		CA	CA	RRP/GB RRP/GB	RRP	RRP/G RRP/G	B RRP/	GB 5T			(P\$WD RP\$WD
	25		CA	CA CA	RRP/GB RRP/GB	RRP	RRP/G	in procession and and and a second stands	Constant and the second s		an a	RP4WD RP4WD
	27 28		CA CA	CA CA	RRP/GB RRP/GB	RRP	RRP/G RRP/G	B RRP,	Careera and a construction of a construction	a and the second second	AT RI	RP&WD
	20 30	OFFICE LECTURE PREP.	CA	CA K	a praesa a constructiva da constructiva da constructiva da constructiva da constructiva da constructiva da cons	RRP/GR GB	e en la comprante engrandemistration d' 1977 (197	ib RRP GB	54	E G	3	RP\$WD
	111 32	OFFICE M.P. ASTRO LECTURE	CA CA	CA R		E INTE	ERIOR E	ELEVAT	IONS-	$\rightarrow q$	3	
	33 34	VESTIBULE	CA	CA R	VF/GB	ing fan in the second secon	YFIGE RRP/G	E VE/	GB 5	T 5	nan an	
	3536	CORRIDOR	CA CA	R	VF/GB VF/GB	and manifest surger and the surger is	VF/G	B VF/	GB -	- 9	ATW	RP & WD
MECH 1	37 38	L L	CA CA	R	VF/GB VF/GB	VF/GE	VF/GI	B NF/	GB -		ATR	RP&WD RP&WD
REG.	<b>39</b> MATE	RIAL LEGEND		R AT-	VF/GB AC	QUISTICA	LTILE O	DN GYPS	um Board	Ē	INIGI	AN SUPPORT
	CA CT	CARPET CERAMIC TILE		RRP	GB-RE	egawn k Ver Gyp	REDWOL 23UM BC	20 PLI 2ARD	WOOD	6	SGE-	AN SUPPORT
	R	- GYPSUM BOARD - RUBBER BESMINN REDWOOD	21 Jui	VF/C	ib		KIC CC	VERING	G R		۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰	a a sa a
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	NO.	SIZE TY	2 PE M	ATERIA	L SIG	ł ·	AT. HI		IAMB		WARE GROUP	
130	1		•	LUMINUN				and the second se	5F,76-5		1	
	3	6'-0"×7'-0" 8'-0"×7'-0"	A A	LUMINUM		AL	UM. GO	10-5	4E/6-5	4F/0-5 6B/0-5		
	5	$6^{1}-0^{11} \times 7^{1}-0^{11} \times 13^{1}/4^{11}$ $3^{1}-0^{11} \times 7^{1}-0^{11} \times 13^{1}/4^{11}$	D + E +	I.M.		H./ H.	M. 3 M. 6	10-1 E/D-8	6A/0.8	1/0-8	14 3	11/2
1:	3-20	6-0" × 7-0"	BA	LUMINUN		AL	UM. 60 UM. 6	-10-5 -10-5	3AB 2ABD 0-5	68/0-5	2	
	21		FV	1.M. 1000		H./	3	8/0-8	3B/0-8	60/0-8 28/0-8 28/	4 5	
1	23	2'-10" × 7'-0" ×	F G		WON	1EN	40	-10-8 "	48/0-8	2/0-8		201
12	26	3-0" × 7'-0" ×	Gv G				44	10-8 "	4A/D-8 4A/D-8	28/0-8	9	201
	18	3'-0" × 7'-0" ×	G Gy	,			41	1/0-8	4A/0-8 4A/10-8 4B/	28/0-8	8	201
	19 30	3'-0" × 7'-0" × 13/4"		NOOD ALUMINUN	ME	H.	M. 4A	Vp-8-1	48/0-8 4A/0-8 5FG/0-5	20/0-8	3	201
	31 32 38	3-0" ×7-0" × 13/4"		NOOD	•		M. 34	10-8	$\frac{7}{3} \frac{1}{0} - 8$ $\frac{3}{0} \frac{1}{0} - 8$	28/0-8	8	20
0 +	33 34 35	3-0" × 7-0" ×	GV	NOOD			3,	10-8 3	<sup>3A</sup> /D-8 <sup>3D</sup> /D-8	20/0-8	8	20
	36 37	3'. 0" × 7'. 0" ×	C I	H.M. NOOD			1	n.4	1/0-4 5A/D-B	ALUM. 28/0-8	3	1/2
	38 39	011	GV	NOOD		· · · · · · · · · · · · · · · · · · ·	6	0/0-8 0/0-5	38/5M	6A/D-5	8	
	40	AT		NOOD			3 51	c/0-8	30/0-8 58/0-8	28/0-8 28/0-8	10	1 H1
	42 3-58		G Gv Gv				5	A/D-8 B,C/D-8	5A/D-8 3BC/D-8	28/0-8 28/0-8	8	20
*	59 60	$3^{1}-0^{11} \times 7^{1}-0^{11} \times 3^{1}-0^{11} \times 3^{1$	G Gv				50	10-8 P/0-8	0-8 30/0-8	2B/0-8	10 8	20
	61 62	$3^{1} - 0^{11} \times 7^{1} - 0^{11} \times 3^{1} - 0^{11} \times 7^{1} - 0^{11} \times 13^{1} \times 13^{11}$	GV	NOOD			M. 3	c/0-8	30/0-8	2B/0-8	8 12	20 20
0	63,63A 64	GATE	G ·	WOOD			15	5B/DIE	5 5H 4 <sup>4</sup> /0-8	A-3		20
							8", , ,					
		SUIDE SEE FI	ack		11/2 HR		3-0-6		GLASSIN MTL STOP			
	140	THER HAN	+						MTL STOP TYP			
			TERIOR A	=+ (0-5)	CHOU	LOW MTL.	D-Hol	LOW MT		E-HOL	LOW MT	
	۸.		HERIOR A		FLU	SH PANEL	- FL	JSH PAI	NEL	FLU	SH PANE	
8		PO L	1/4" WIRE GLASSIN MTLSTOP						I. PRO	TES: VIDE P 2, 4, 2	ANIC HI 1, 23, 3	ARDW. 1, 4 G
			MTLSTOP FOR TYPE GV									
						1. ( <b>š</b> . – 1				1.1.1.1		
		WEH WD VENEER G, C										

DOOR TYPES

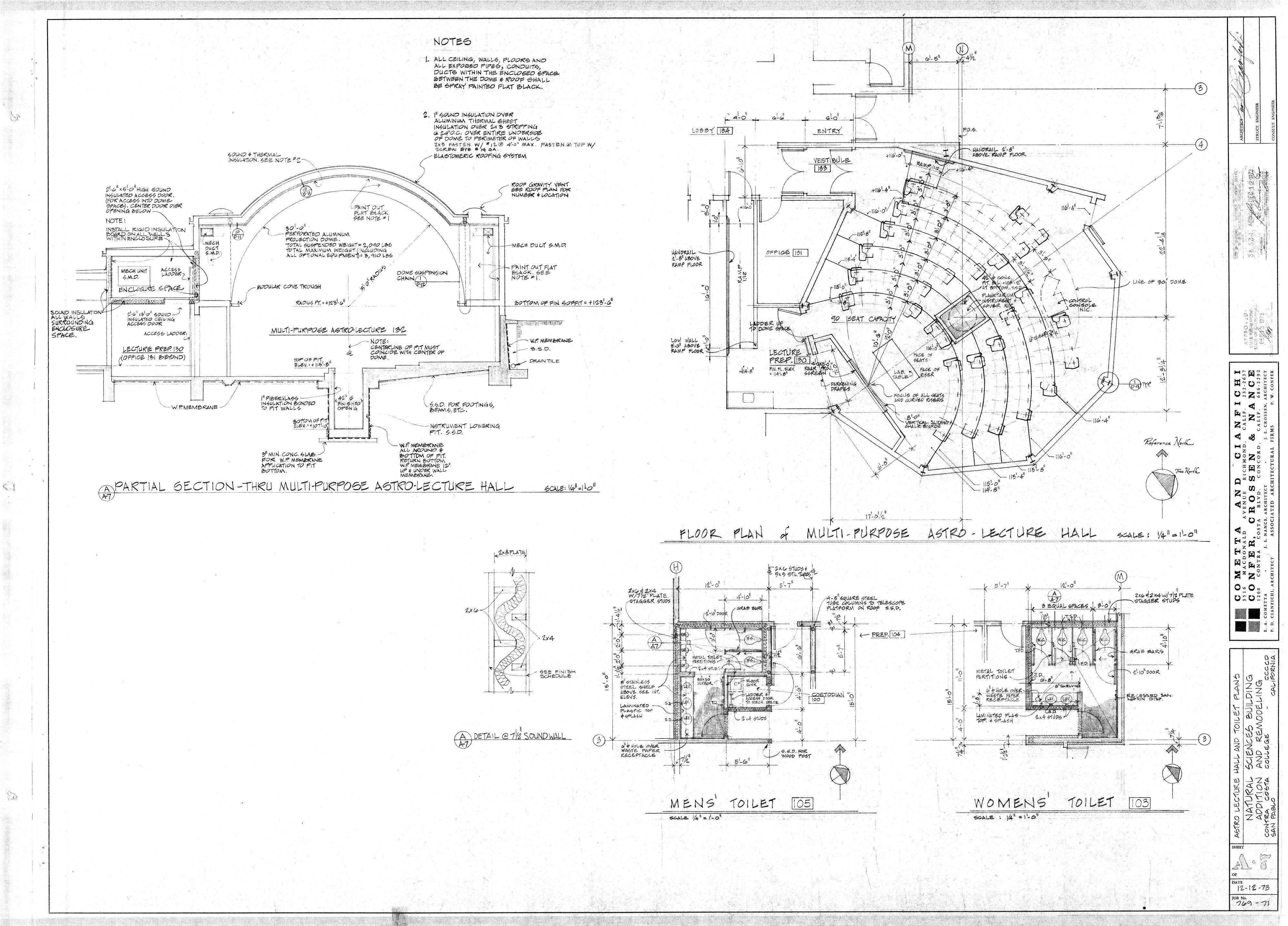
REMARKS FIN. SGE G.B. ON HUNG 2x4 GAE G.B. ON HUNG 2×4 ACOUSTICAL TILE GLUE S (a) 6.20 2 51 100 G.B. ON FURRING L CT 92 LEGEND EMI-GLOSS ENAMEL ARC 0 8 6 TAIN A CAJ. 0 & 3 REMARKS MA C C N N ON H H Z A<sub>≝</sub> Ω<sub>Ω</sub> **A N I** VENUE **R O S** BLVD. ARCHITECT ATED ARCH 12 HR. LABEL DOOK & FRAME V V V . OST NANC HAR OMN. LABEL DOOR & FRAMI 20 MIN. LABEL DOOR & FRAME 20 MIN. LABEL DOOR & FRAME ACDON FE OMIN. LABEL DOOR & FRAME 0 ~ 0 20 MIN. LABEL DOOR & FRAME 20 MIN. LABEL DOOR & FRAME 20 MIN. LABEL DOOR & FRAMI 20 MIN. LABEL DOOR & FRAME 20 MIN. LABEL DOOR & FRAME 20 MIN, LABEL DOOR & FRAME 12 HR. LABEL DOOR & FRAME OMIN. LABEL DOOR & FRAME 1000 ZZ HR. LABEL DOOR & FRAME 20 MIN. LABEL DOOR & FRAME 100 20 MIN. LABEL DOORS & FRAMES RENOI 20 MIN. LABEL DOOR + FRAME 20 MIN. LABEL DOOR & FRAME 20 MIN. LABEL DOOR & FRAME G PLAN - D OCIENC 20MIN. LABEL DOOR & FRAME 1 S S S <0ZZ DWARE FOR DOORS V SHEET AL. 0 6 DATE 12-12-73 JOB No. 769-71

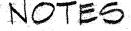


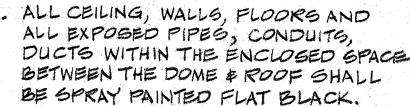
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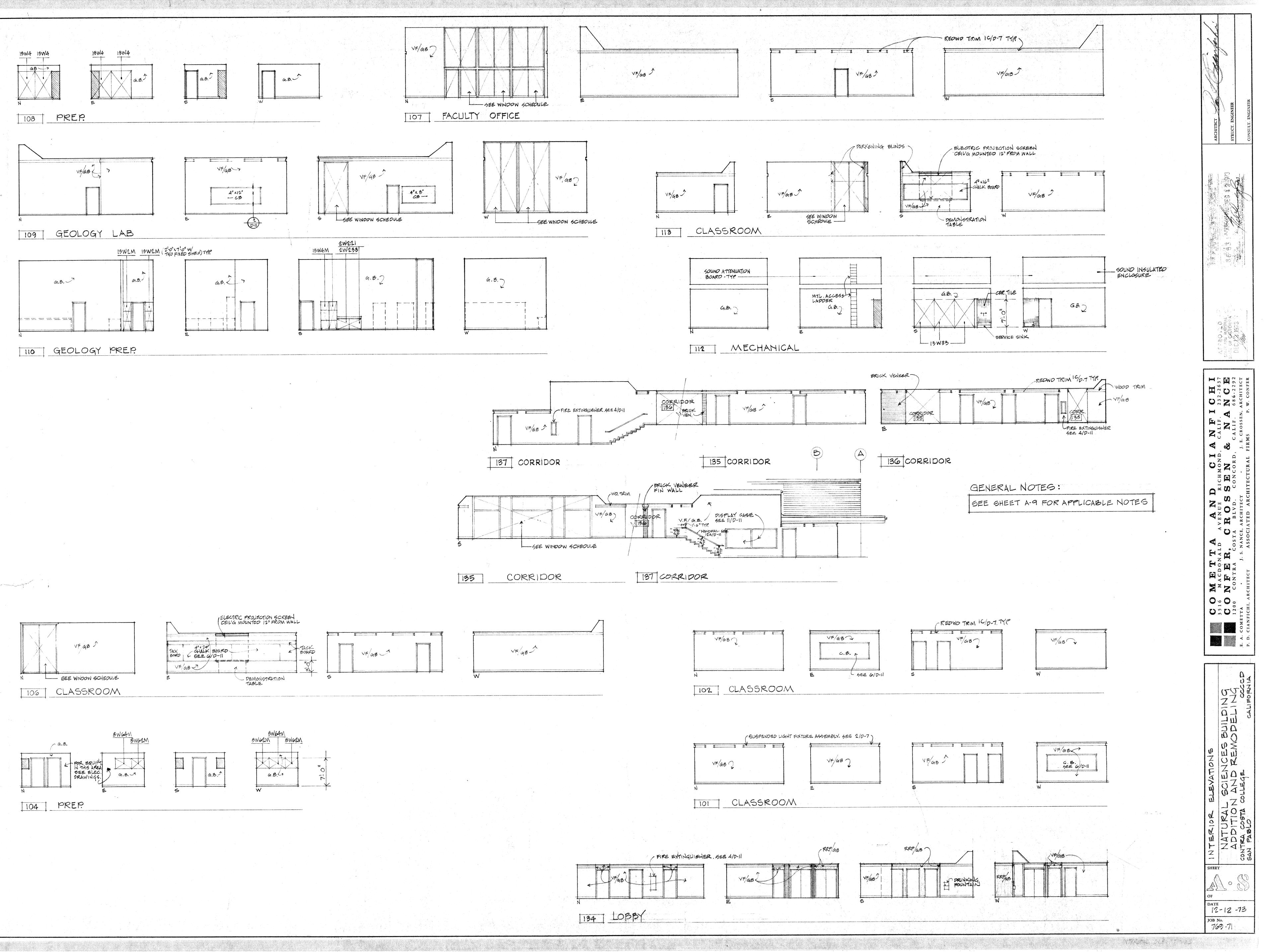


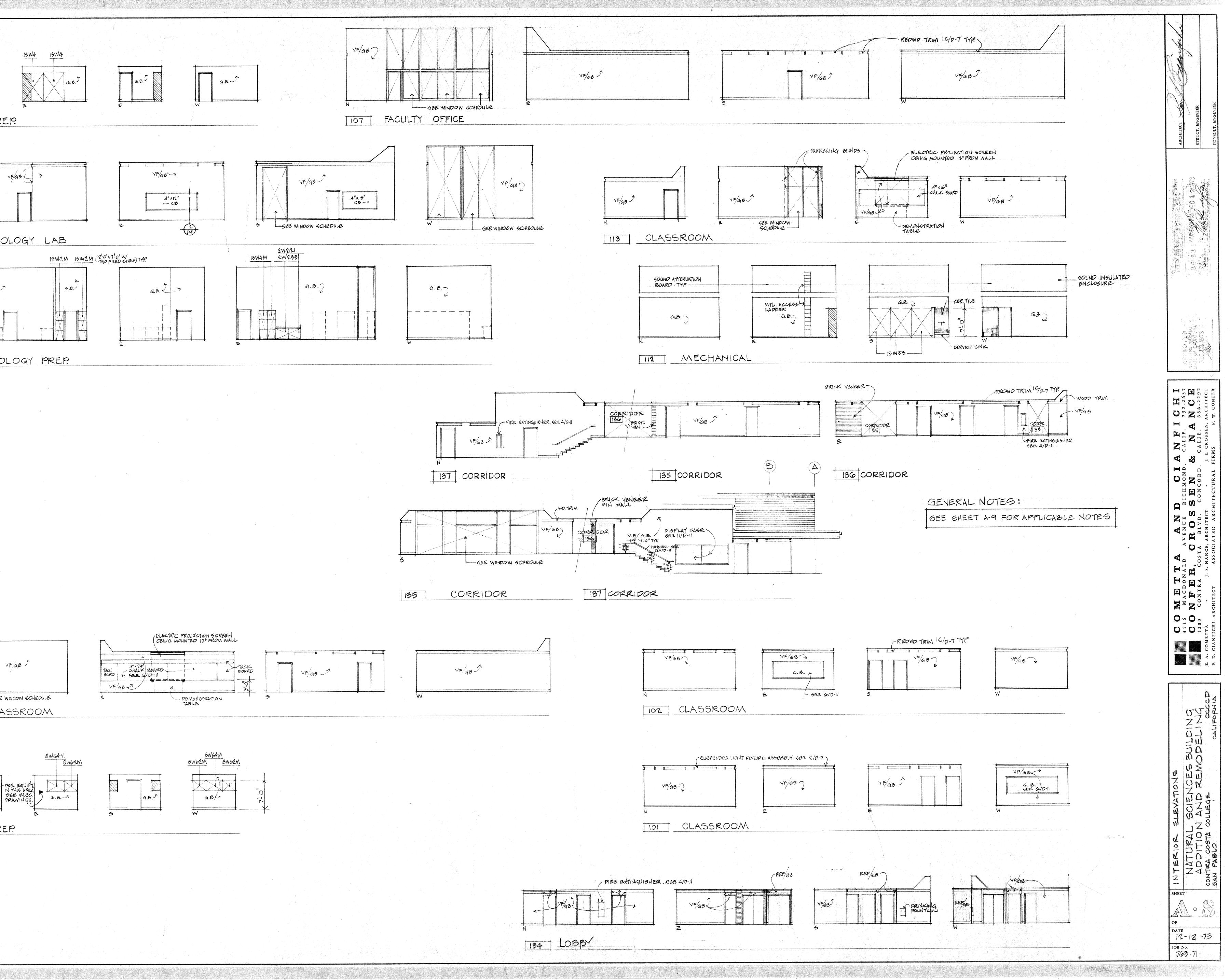
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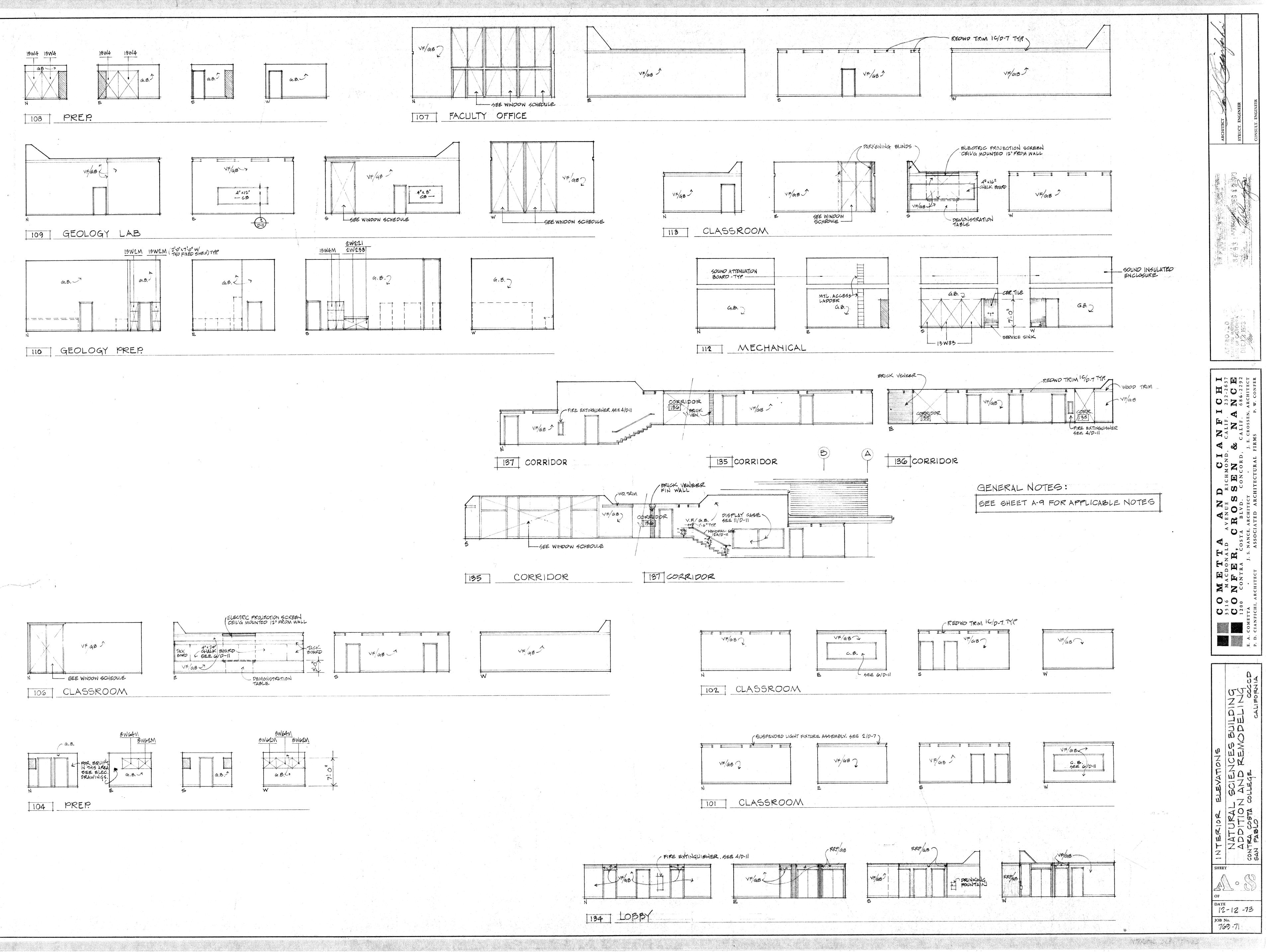






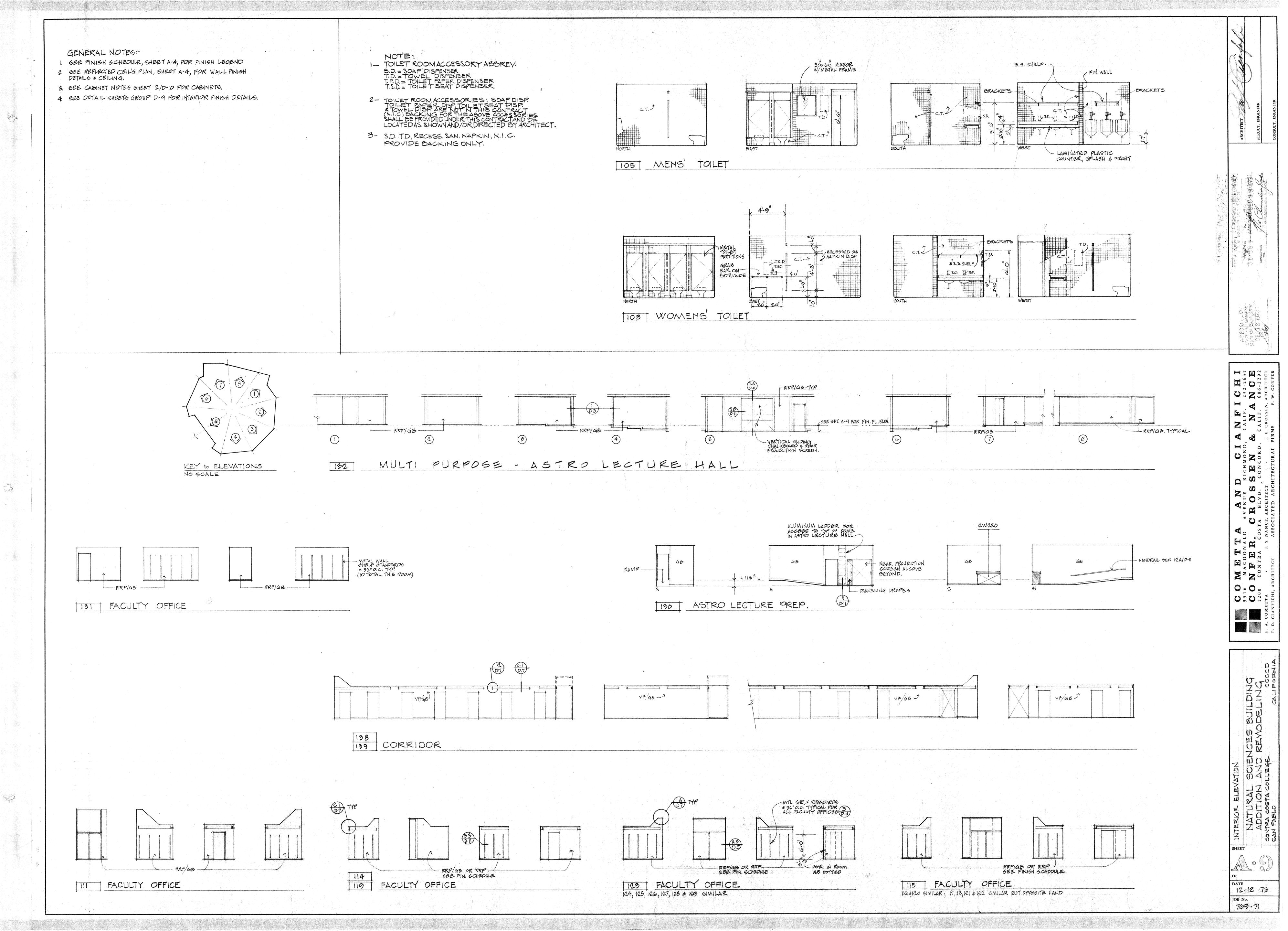


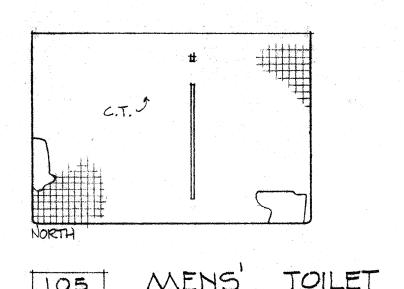


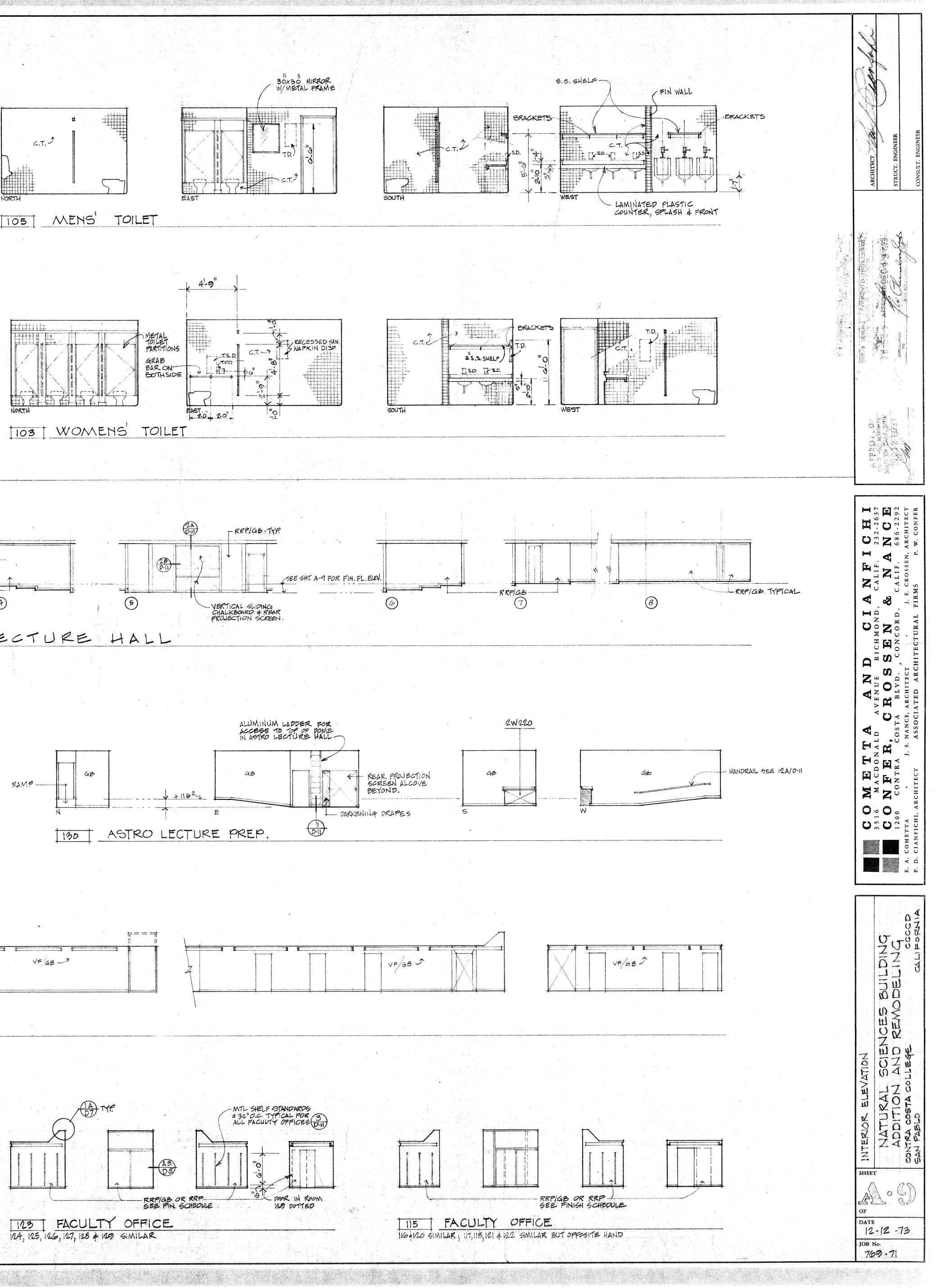


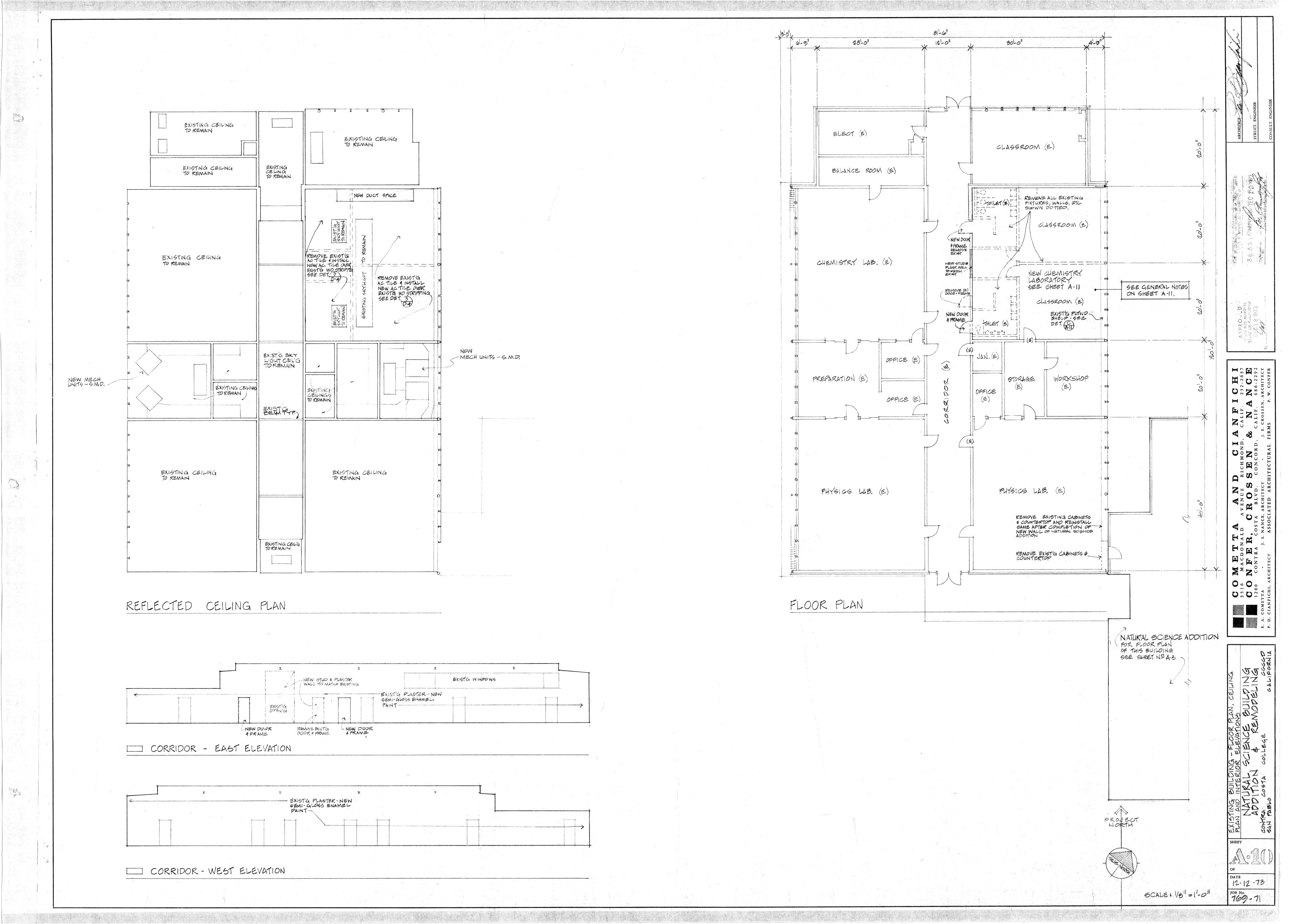
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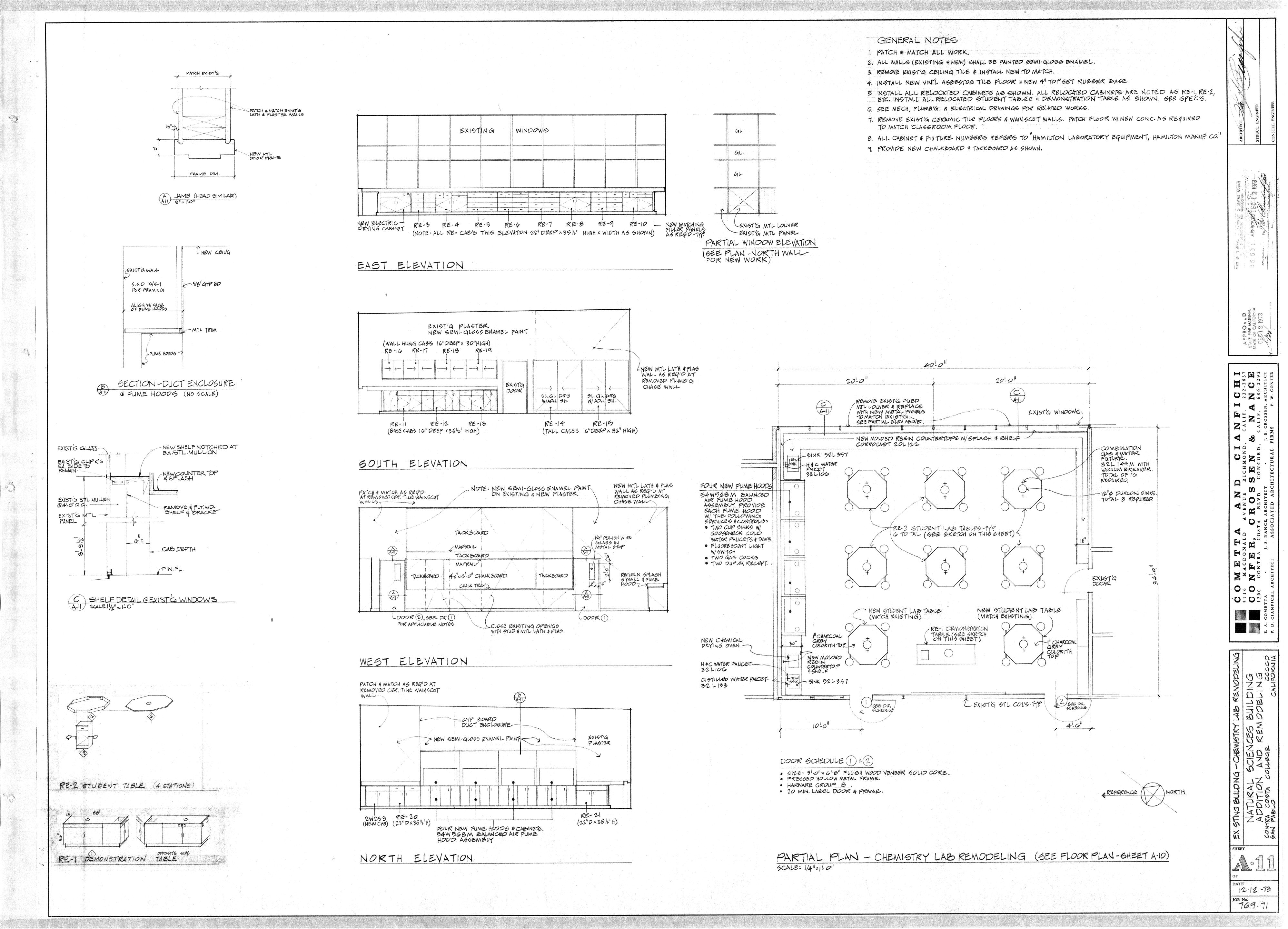
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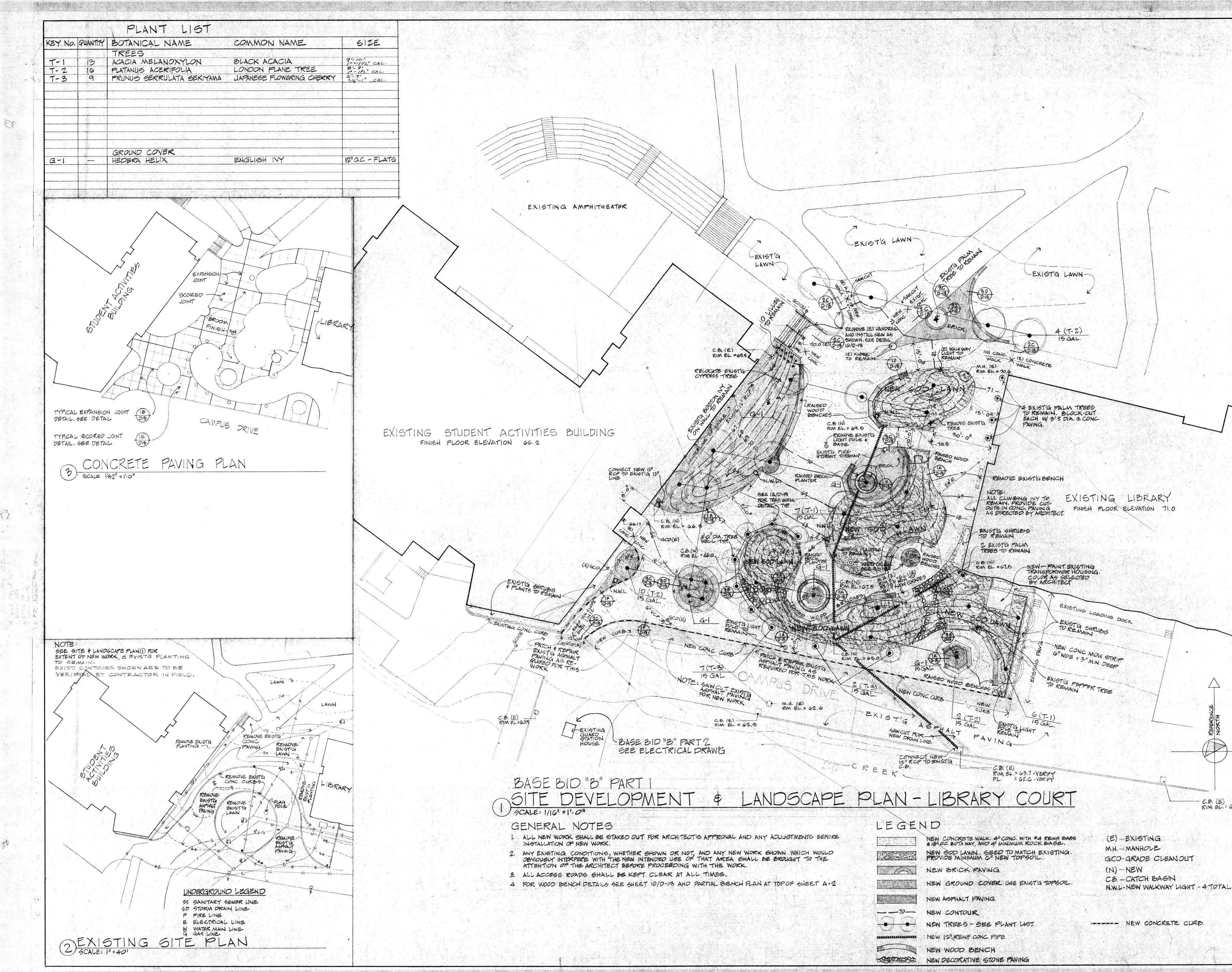




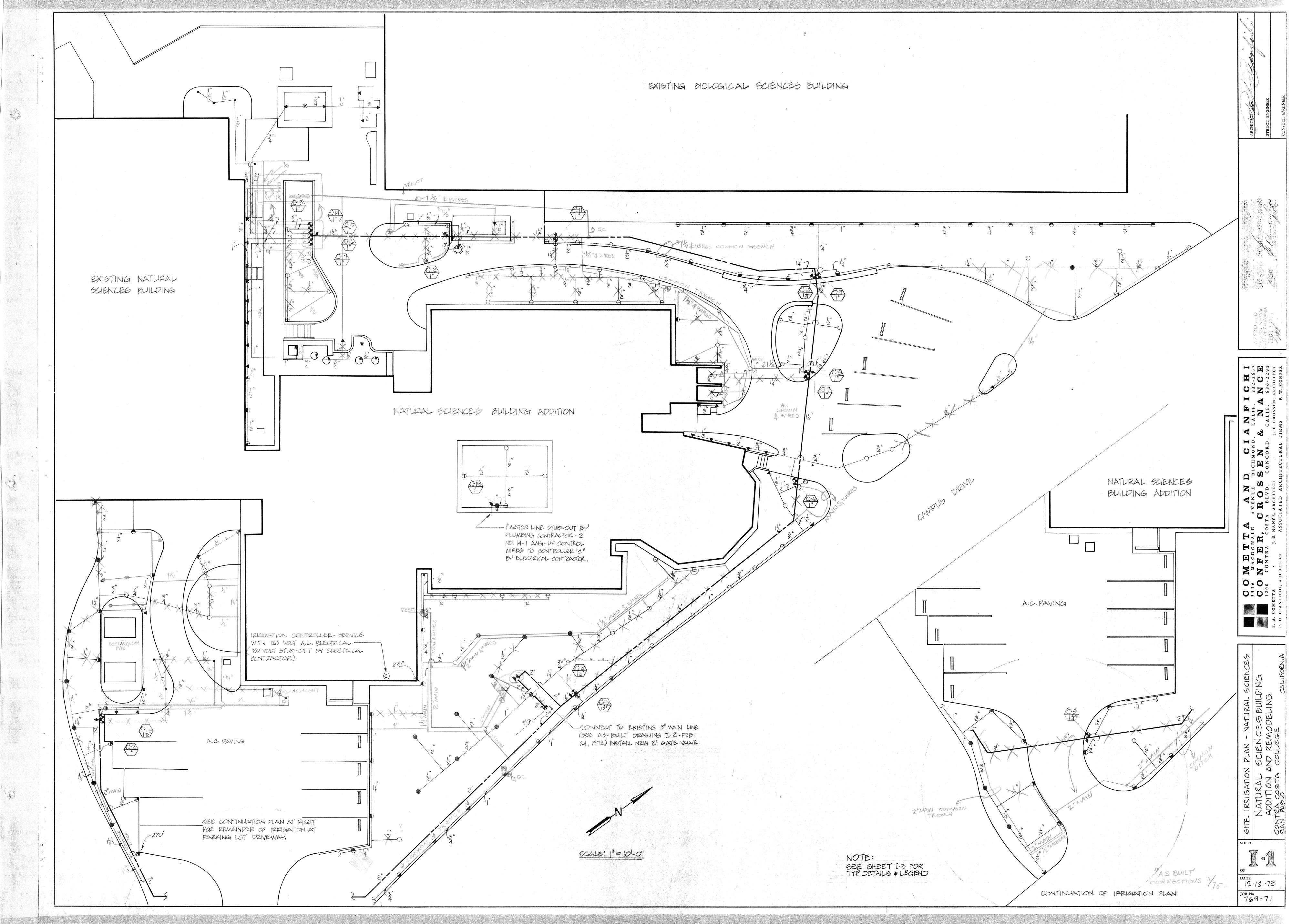


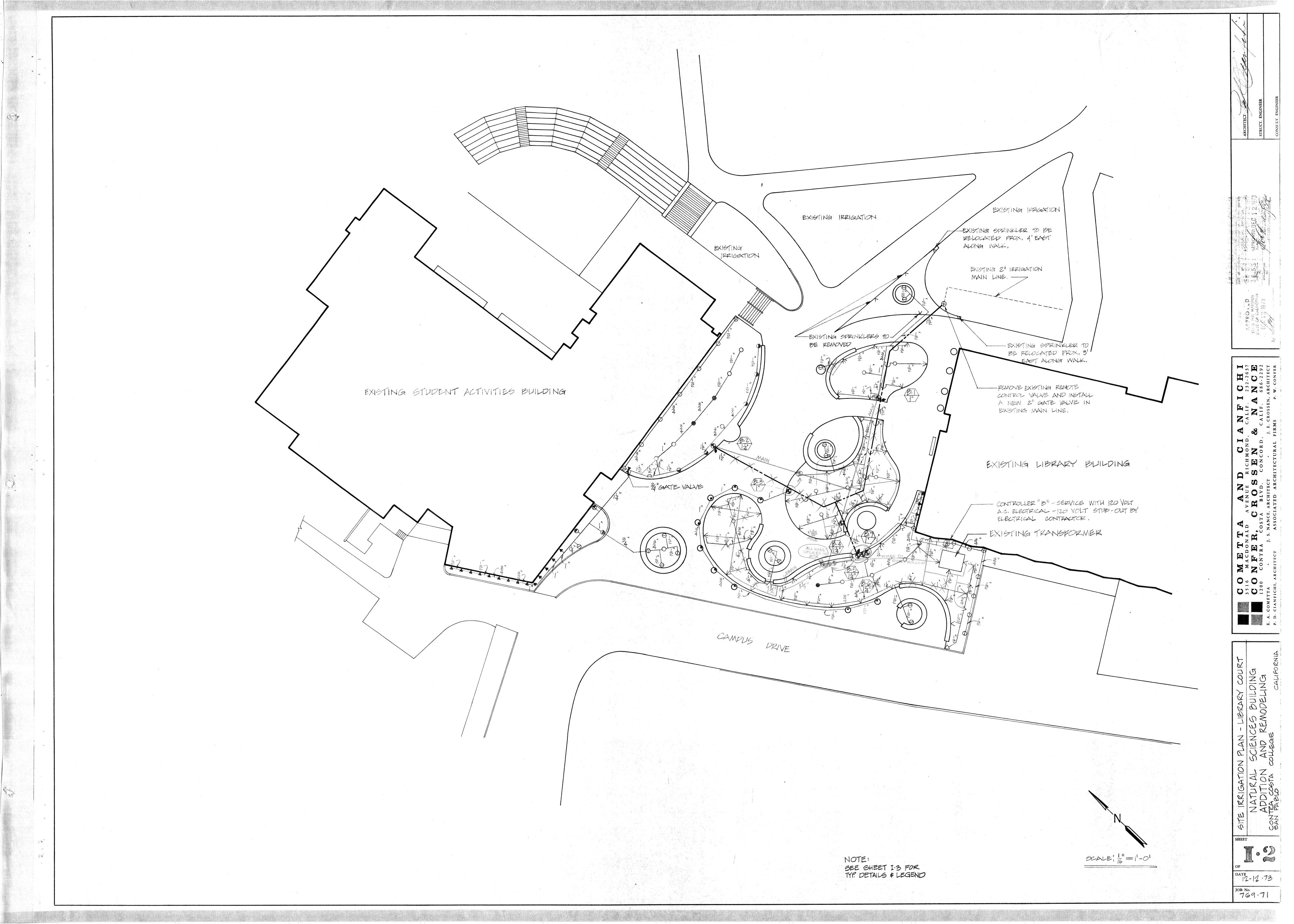


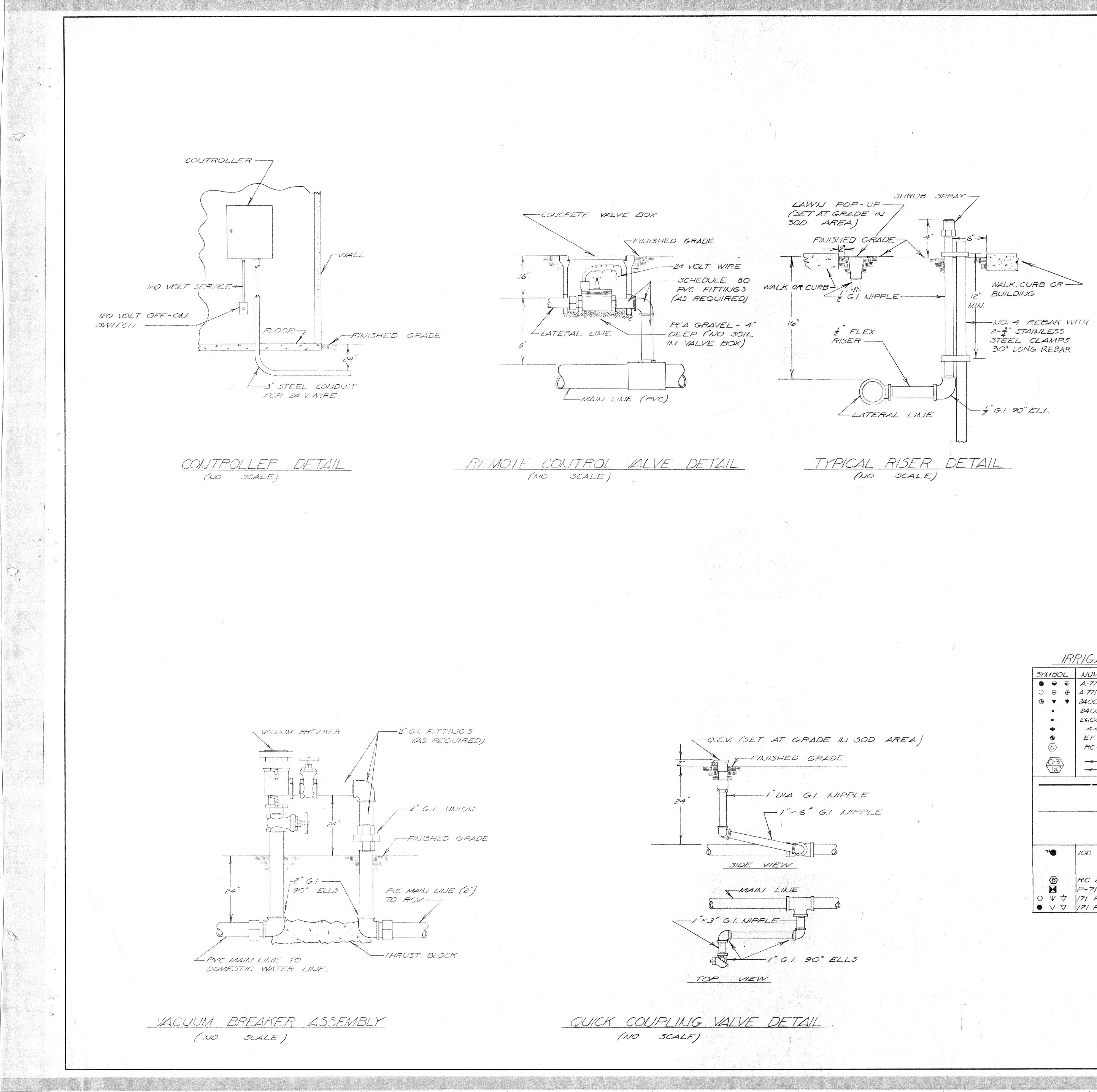


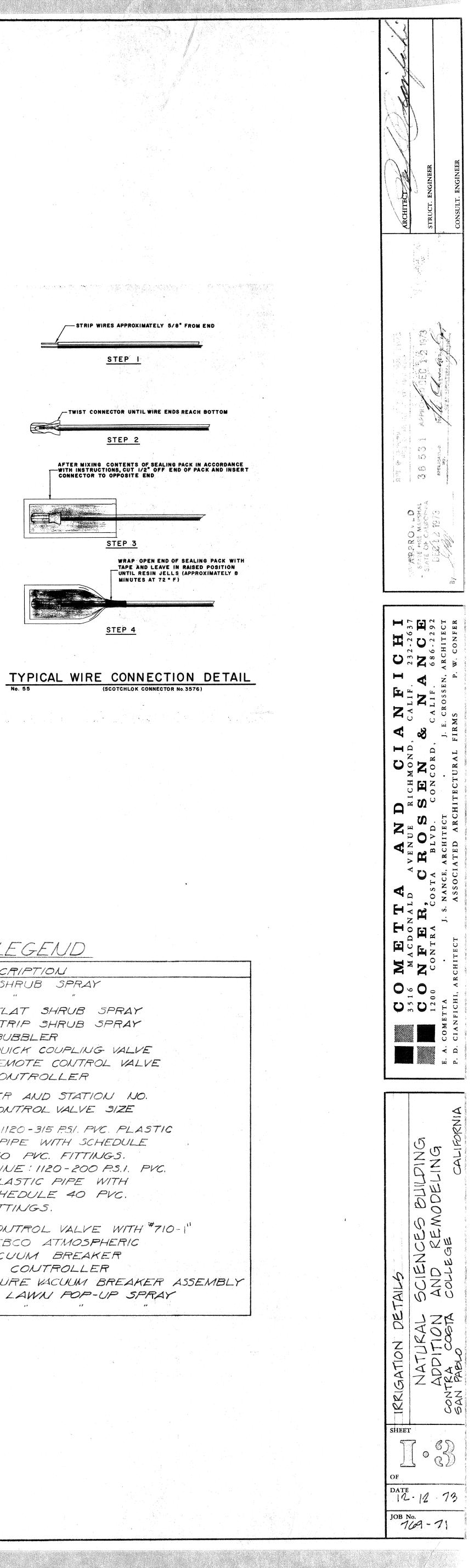


SON I 03 San San B OX H I -2637 C E -2292 HITECT ONFER W. 68 2 33. C LIF. LIF. 1 × 3 MA 0 H H N A<sub>≝</sub> w. A N N VENUE BLVD. ARCHITECT A D A A AD D D D E T T ACDONALI F E R, Z<sup>×</sup>Z°° 0.0.  $\overset{\text{p}}{=}$   $\mathbf{U}$   $\overset{\text{q}}{=}$   $\mathbf{U}$ Б. А. Р. D. UUV Lu L 20 E C.B. (E) RIM EL. = 63.9 -VERIFY ð 4 VELOPAENT VELOPAENT COSTA 00 COSTA 00 ШI M A DA U Z ZZ 0 <  $\mathcal{D}$ SHEET A 8' 0 AL LC DATE 12-12-73 јов №. 769-71

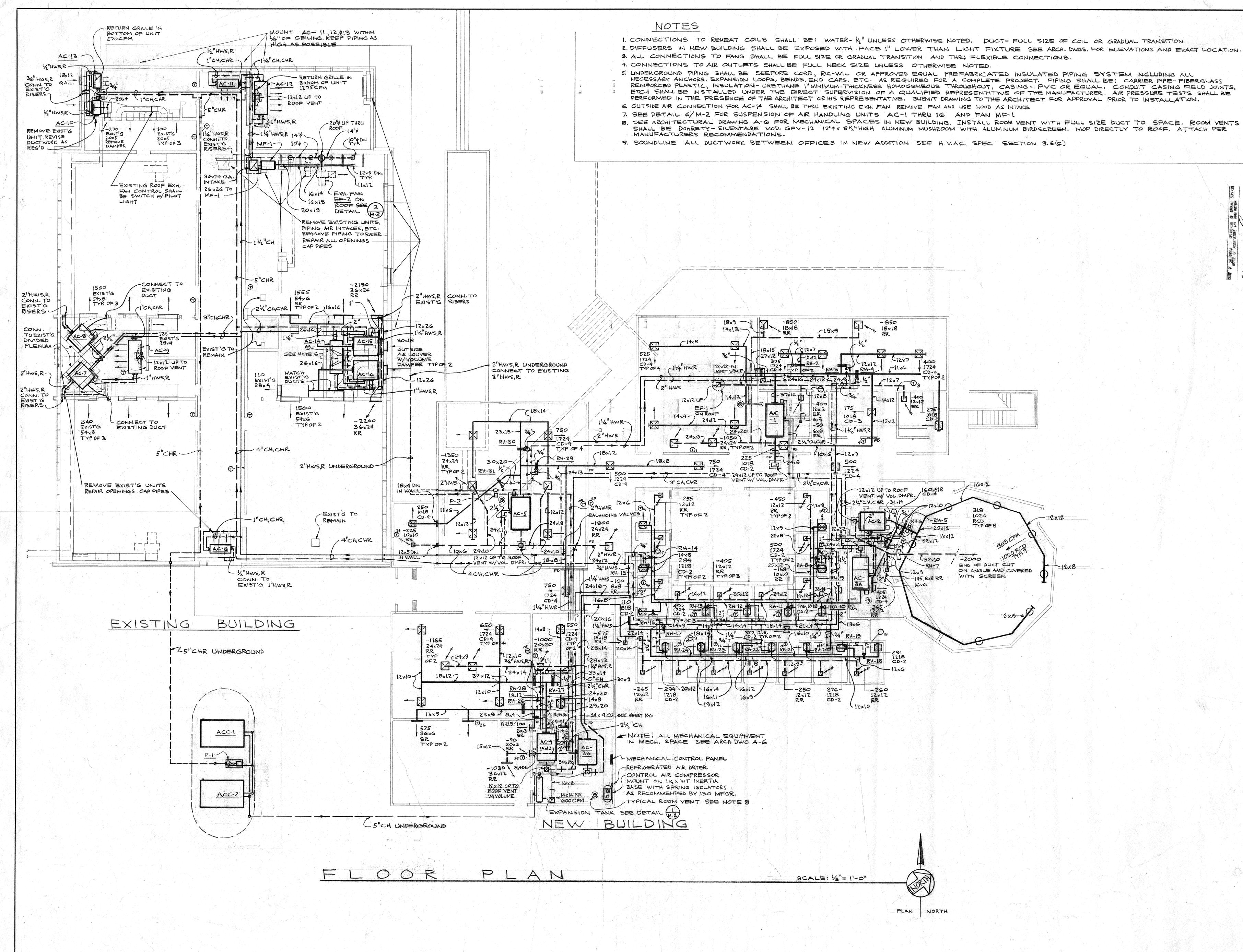




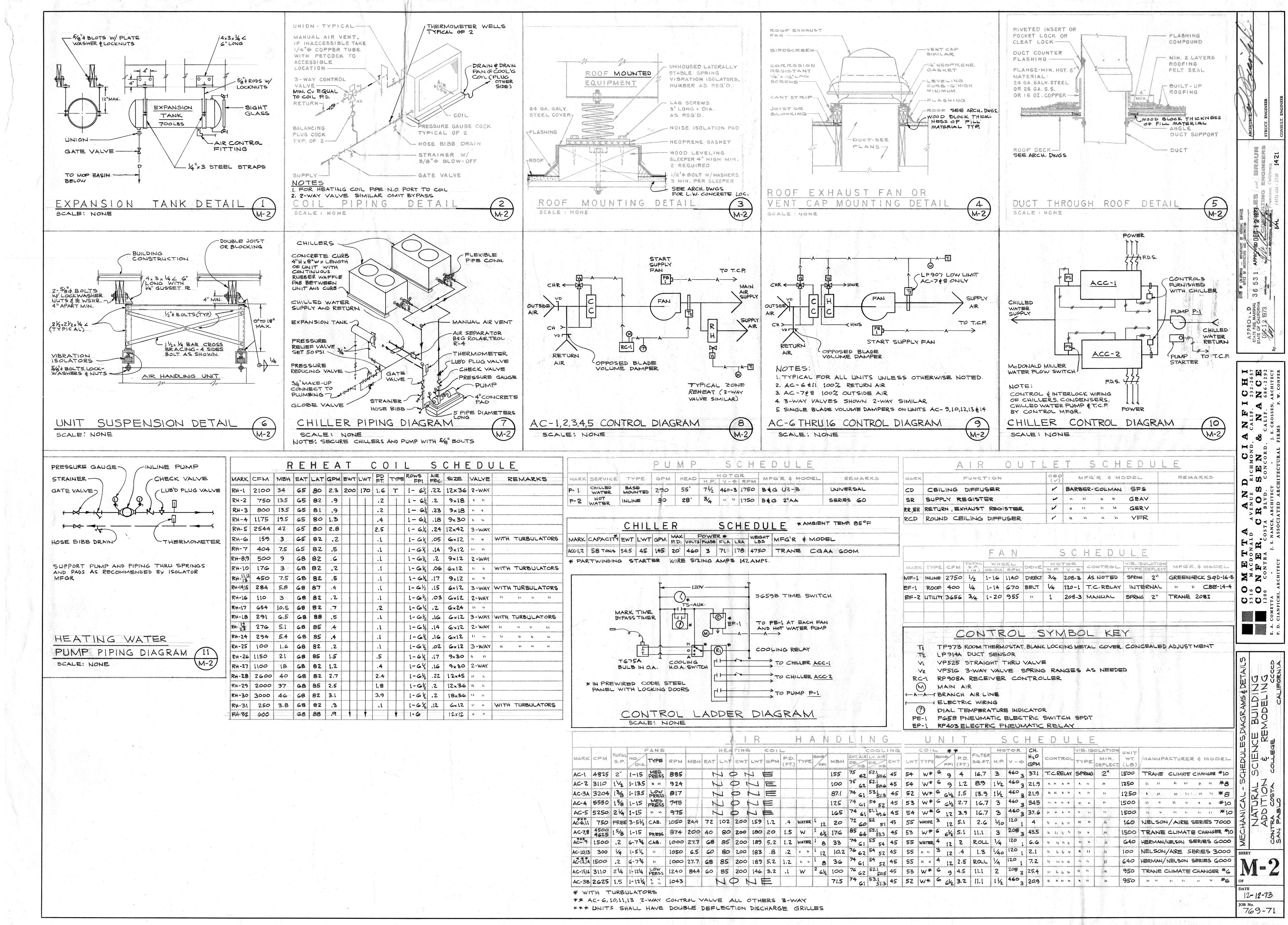




_IR,	RIGATION	LEGEND
SYMBOL	NUMBER	DESCRIPTION
	A-771- F, H, Q A-771-F, H, Q-U	RAIN BIRD SHRUB SPRAY
<ul> <li>*</li> <li>*&lt;</li></ul>	2400-FLT-F,H,Q 2400 ST-E 2600 B 44-1" EF SERIES RC-18W	" FLAT SHRUB SPRAY " STRIP SHRUB SPRAY " BUBBLER " QUICK COUPLING VALVE " REMOTE CONTROL VALVE " CONTROLLER
		CONTROLLER AND STATION NO. REMOTE CONTROL VALVE SIZE MAIN LINE: 1120-315 RSI. PVC. PLASTIC PIPE WITH SCHEDULE 40 PVC. FITTINGS. LATERAL LINE: 1120-200 RS.I. PVC. PLASTIC PIPE WITH SCHEDULE 40 PVC. FITTINGS.
$\circ$ $\vee$ $\diamond$	100 EF RC 8 W P-711-2" 171 F,H,Q - 0 171 F,H,Q-U	REMOTE CONTROL VALVE WITH *710-1" FEBCO ATMOSPHERIC VACUUM BREAKER RAIN BIRD CONTROLLER SMR PRESSURE VACUUM BREAKER ASSEMBLY RAINBIRD LAWN POP-UP SPRAY



80 -57 Garage 36 O V = D CALIFORN 637 637 E 292 BCT FBR C 22 NF 11 E ARC 688 W. 688 W. C H A 8 . **H** A<sup>1</sup> ΰįΖ H H Z D Z 20 V V **V**<sub>Q</sub> H Z×Z 0.0-C ° C A D PC PC N N 9|3j **M-**] date 12-12-73 job no. 769-71

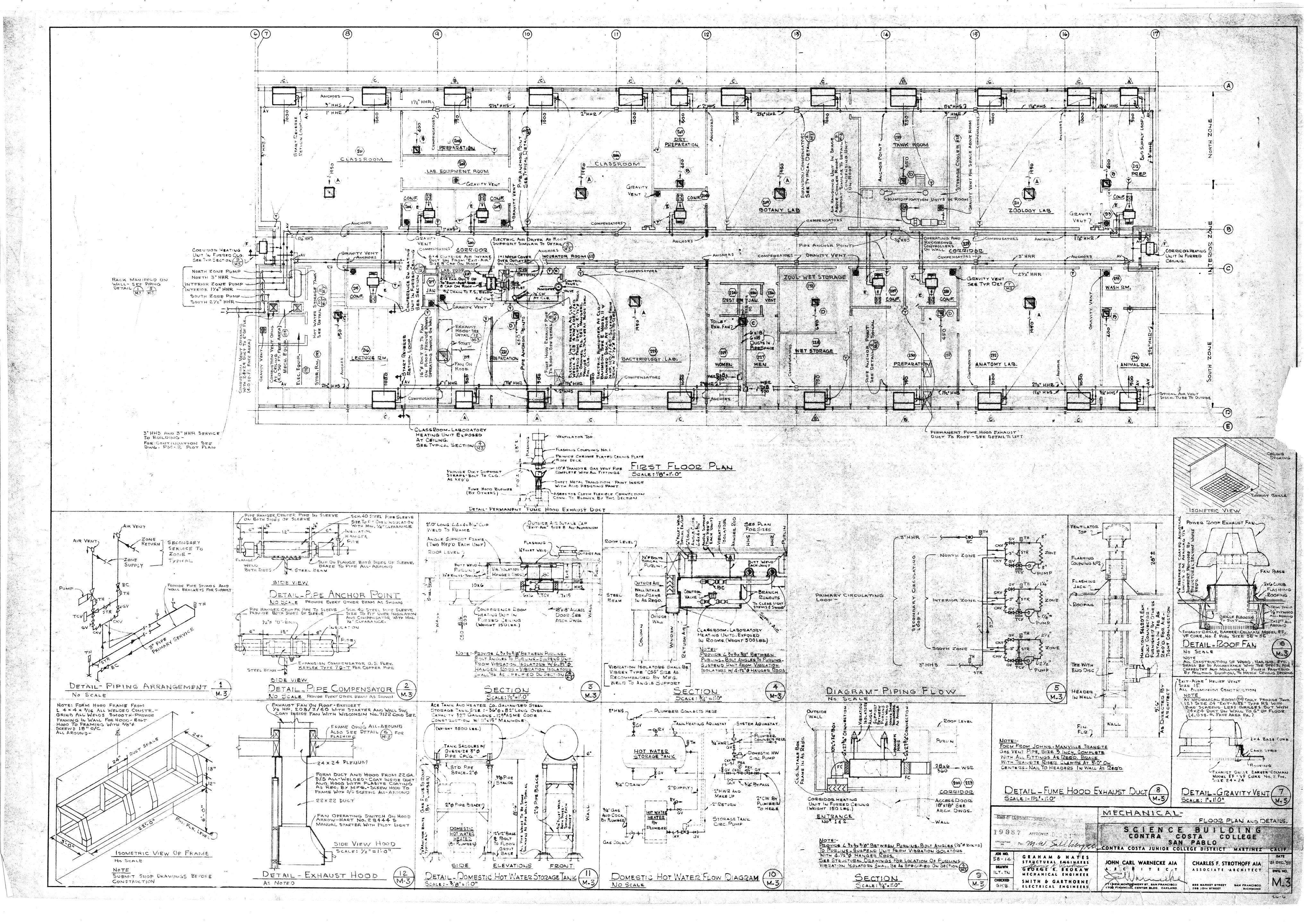


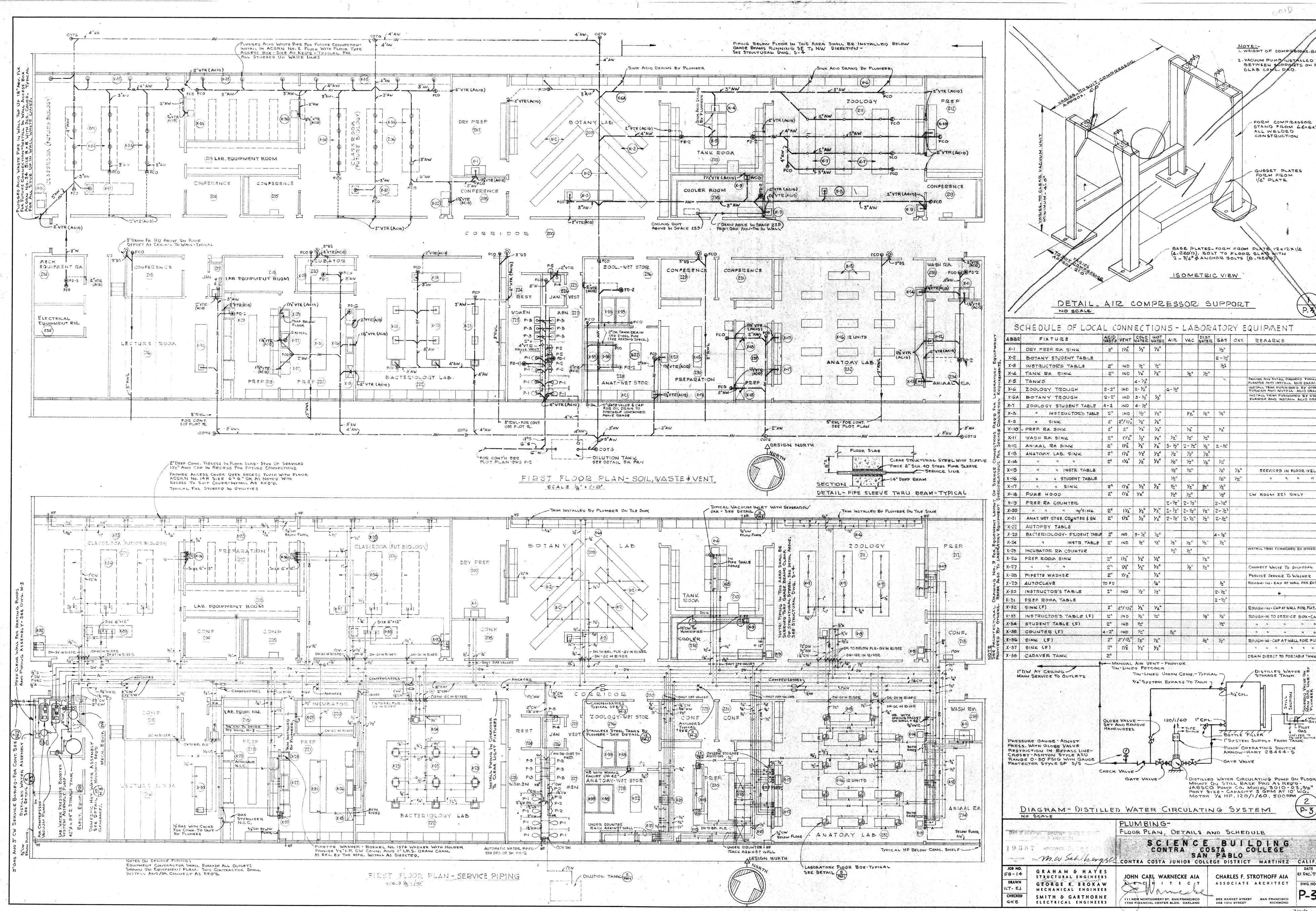
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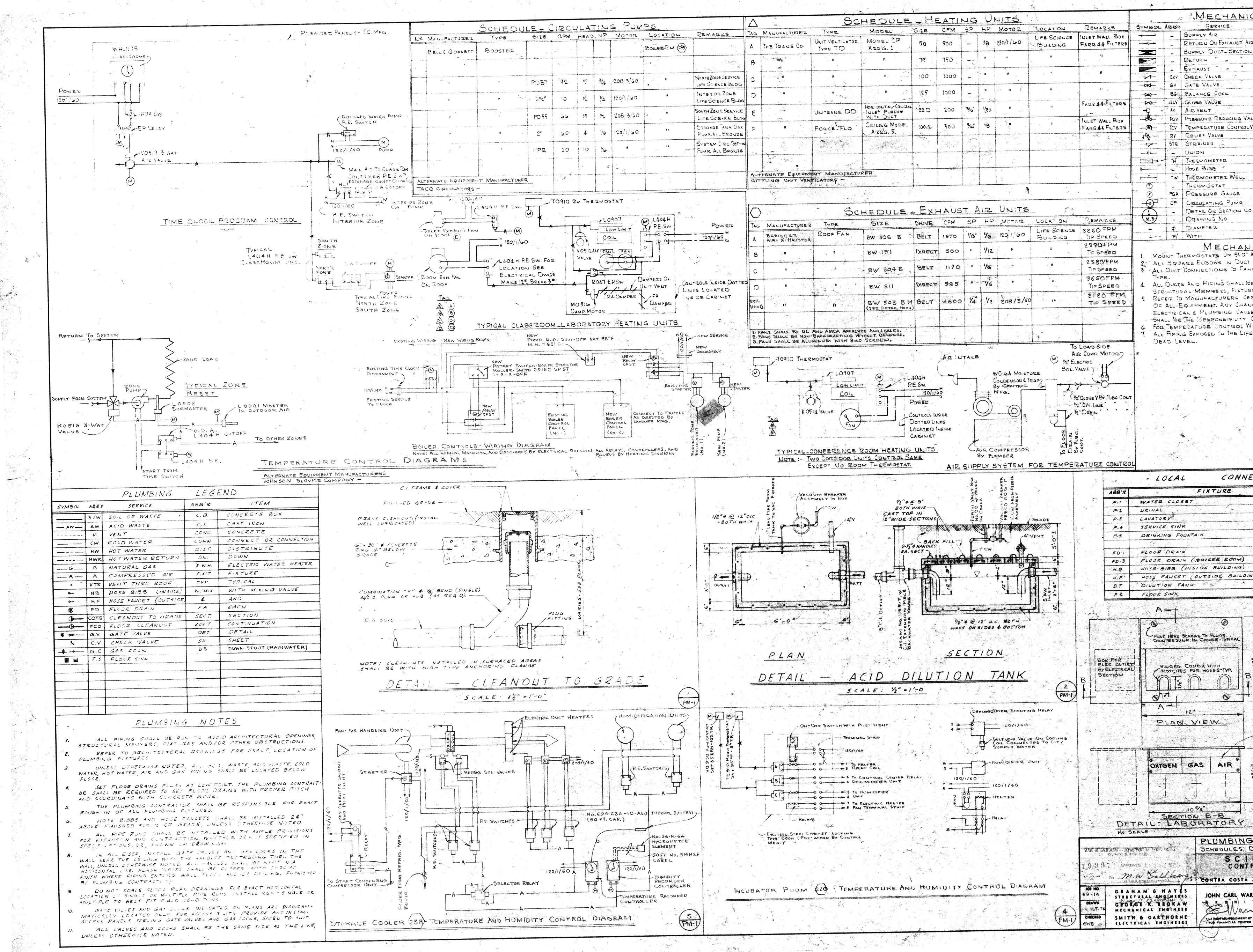
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AC-5	5250	24	1-15	n n	975		<u>ہ</u>	5	b	Second Second
AC-6,11	750	FREE	3-51/2	CAB.	1050	24.4	72	102	200	
AC-7,8	4500 4625	1 5/8	1-15	PRESS	874	200	40	80	200	
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AC-12,14	1500	.2	6-734	u	1000	27.7	68	85	200	and a constant of the
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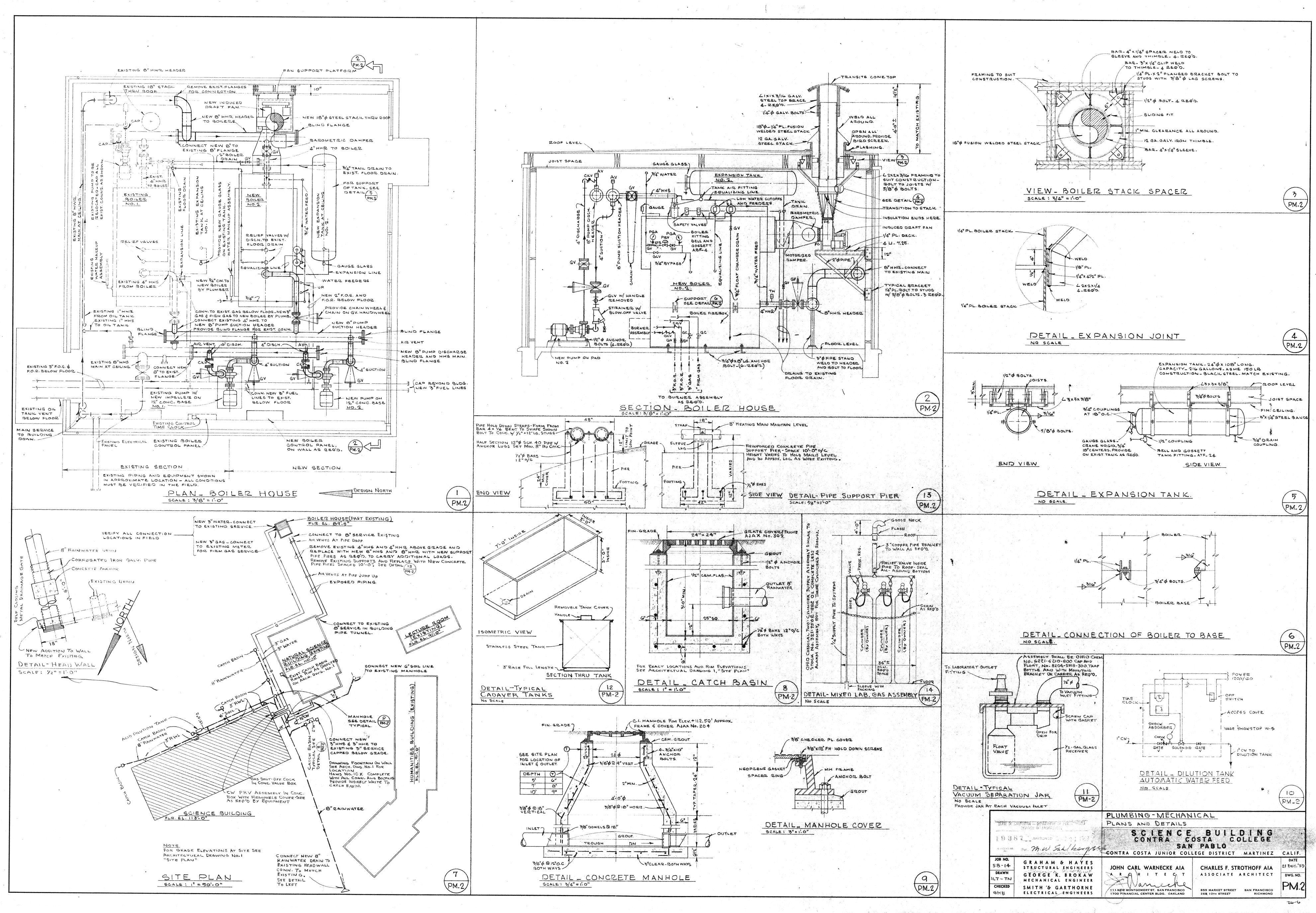


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NOTE :- I. WEIGHT OF COMPRESSER. 2 - VACUUM PUMPINSTALLED BETWEEN SUPPORTS ON FLI SLAB CONC. PAD. FORM COMPRESSOR STAND FROM 6×6×42 ALL WELDED CONSTRUCTION GUSSET PLATES 1/4" PLATE - BASE PLATES-FORM FROM PLATE 12x12x1/4. (4-REO'D.). BOLT TO FLOOR SLAB WITH 2-3/4" & ANCHOR BOLTS (8-REOD.) ISOMETRIC VIEW VASTA VENT WATER WATER AIR VAC DIST. GAS OXY. REMARKS 12-12 1/2× LOUIDE AND INSTALL OVERHEAD PI USNISH AND INSTALL ACIN NOAL NISTALL TRIM FURNISHED BY OTHE FURNISH AND INSTALL ACID DRAI 12" 12" 12" 1/2" 1/2 1/2" 1/2" 2-1/2" 12-1/2" 1/2" 1/2" V2" /2" SERVICES IN FLOOR WELL 14 H. 14 45 12" 12 Yz" | 1/2" CW ROOM 221 ONLY 1/24 2-1/2" 2-1/2" 2-1/2" 2-12" 2-12" 12" 2-12 1/2" 1/2" 2-1/2" 2-1/2" 1/2" 2-1/2" 1/2" 1/2" 1/2" NSTALL TRIM FURNISHED BY OTHER 1/2' 1/2" 1/2" CONNECT WASTE TO DISPOSAL PROVIDE SERVICE TO WASHER ROUGH-IN - CAP AT WALL FOR FUT 12" 12.12" 2-1/2" ROUGH-IN - CAP AT WALL FOR FUT 1/2" 1/2" ROUGH-IN TO SERVICE BOX-CA и и и и и т a a u u u 龙" 1/2" ROUGH-IN-CAP AT WALL FOR PUT 11 IL II II II II DRAIN DIRECT TO PORTABLE TANK DISTILLED WATER Z STORAGE TANK -3/4 CPL. THAY M 120/1/60 1"CPL -1 AT E L PILOT TO PE SWITCH GAS BOTTLE FILLER 120/1/60 TO ON-OFF SWITCH BOTTLE FILLER -PUMP OPERATING SWITCH ARROW-HART 28444-5 GATE VALVE DISTILLED WATER CIRCULATING PUMP ON FLOOR-MOUNT (IN STILL BASE PAD AS REO'D-JABSCO PUMP CO. MODEL 3010-03,3/8" PORT SIZE - CAPACITY 3 GPM AT 10' WG. MOTOR 16 HP, 120/1/60, 500 RPM (P-3) FLOOR PLAN, DETAILS AND SCHEDULE 21 DEC. 59 CHARLES F. STROTHOFF AIA DWG. NO ASSOCIATE ARCHITECT P-3 855 MARKET STREET SAN FRANCISCO 268 10TH STREET RICHMOND 210-10



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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" & CARRIAGE BOLTS @ 24" O.C. STAGGERED. (16" OVERSIZE HOLES IN STEEL MAY BE USED). OR 5/8" & WELDED STUD BOLTS @ 24" O.C. UNLESS SIZE, TYPE AND SPACING IS NOTED OTHERWISE. ALL WELDS FOR LIGHT-GAGE STEEL SHALL BE IN ACCORDANCE WITH SECTION 972 TITLE 21.

ALL WELDS SHALL BE INSPECTED IN ACCORDANCE WITH SECTION 623(d), TIPLE 21.

ALL CONNECTIONS SHALL BE AS SHOWN BY STRUCTURAL DETAILS.

SEE STRUCTURAL DETAILS FOR TYPE OF STEEL DECKING REQUIRED FOR THIS PROJECT

PANELS SHALL SPAN OVER THREE OR MORE SUPPORTS WHERE STRUCTURAL STEEL FRAMING

ACCORDANCE WITH THE MANUFACTURER'S APPROVED STANDARD DETAILS AND SHOP DRAWINGS

PRIOR TO APPLICATION OF INSULATION OR POURED/FILL, THE STEEL DECKING SHALL BE CLEANED OF

SECTION 820 (e), TITLE 21.

STEEL DECKING (IF CALLED FOR ON THIS PROJECT)

SHALL BE DONE BY CERTIFIED WELDERS.

PLACED AT CENTER OF CONCRETE FILL.

SHALL BE 0.5 OZ. PER SQUARE FOOT OF STEEL SHEET

ALL STRUCTURAL STEEL AND STRUCTURAL TUBING SHALL BE ASTM A-36. ALL STEEL PIPE COLUMNS SHALL BE GRADE B PIPE - ASTM-A53 ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH AISC SPECIFICATIONS, LATEST REVISION ALL BOLTED CONNECTIONS SHALL BE MADE WITH 3/4" HIGH-STRENGTH (A-325) BOLTS (UNLESS NOTED OTHERWISE) AND COMPLY WITH REQUIREMENTS OF

STRUCTURAL, STEEL

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

13" -UNLESS GOVERNED ABOVE BY EXPOSURE TO WEATHER, OR AS NOTED ON DETAILS. FOR WALL BARS (DOUBLE MAT) FOR STRUCTURAL SLAB BARS, TOP AND BOTTOM 314"

14" FOR STIRRUPS OF BEAM

FOR COLUMN SPIRALS OR TIES.

ROOF SURFACES: LOCATION OF DRAINS; PARTITION WALLS AND BRICK VENEER

DOUBLE JOIST OR DOUBLE RAFTER

FOR BARS LARGER THAN #5. WHERE CONCRETE SURFACES ARE EXPOSED TO EARTH OR TO WEATHER AFTER REMOVAL OF FORMS. #5 BARS OR SMALLER, WHERE CONCRETE SURFACES ARE EXPOSED TO EARTH OR TO WEATHER AFTER REMOVAL OF FORMS.

WHERE CONCRETE IS POURED AGAINST EARTH, OR AGAINST GROUND CONTACT.

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:

LESS THAN 2000 P.S.I. AT 28 DAYS, UNLESS NOTED OTHERWISE ON STRUCTURAL DRAWINGS.

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 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 DOWELLED

CONCRETE NOTES

FOUNDATION NOTES OF THE ARCHITECT. SEE SPECIFICATIONS

THE SOIL REPORT APPLICABLE TO THE PROJECT SITE IS NOTED ON FOUNDATION PLAN DRAWING. THE REPORT IS AVAILABLE FOR PERUSAL AT THE OFFICE DESIGN SOIL PRESSURE UNDER FOOTINGS IS NOTED ON FOUNDATION PLAN DRAWING. SEE FOUNDATION PLAN FOR ADDITIONAL NOTES.

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 GALVANIZED JOIST HANGER INDICATES RW INDICATES REDWOOD LUMBER EZZ OVER THE TOP GALVANIZED JOIST HANGER A CONTINUOUS MEMBER IN SECTION HUTO A NON-CONTINUOUS MEMBER SUCH AS SOLID BLKG PW STRUCTURAL PLYWOOD OR END FACE OF CONTINUOUS MEMBER SEE ARCHITECTURAL DRAWINGS, OR SEE SAD ARCHITECTURAL DETAILS FRAMING ANGLE - SEE DETAIL & SIZE SCHEDULE FA FACE OF STUDS NOT TO SCALE FOS NTS FACE OF CONCRETE DOG SECTION A ON DRAWING S2. ETC. A-52 TOS TOP OF STEEL JOISTS JOISTS OR RAFTERS

TOP

BOF

GENERAL NOTES ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS, AND TITLE 21, CALIFORNIA ADMINISTRATIVE CODE, 1967 EDITION AS AMENDED 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, DUCTS, VENTS, PLUMBING, ETC.; ALL TYPES OF FLASHING, INSERTS, ANCHORAGE, HANGERS

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AND A CONTRACT OF

ETC., EMBEDDED IN OR ATTACHED TO THE STRUCTURE; ROADWAY, PAVING, WALKS, STAIRS, RAMPS, TERRACES, ETC.; EXTERIOR GRADES; ELEVATION OF THE CONTRACTOR SHALL COMPARE THE STRUCTURAL DRAWINGS WITH THE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AS TO ALL LAYOUTS,

> TOP OF FOOTING BOTTOM OF FOOTING

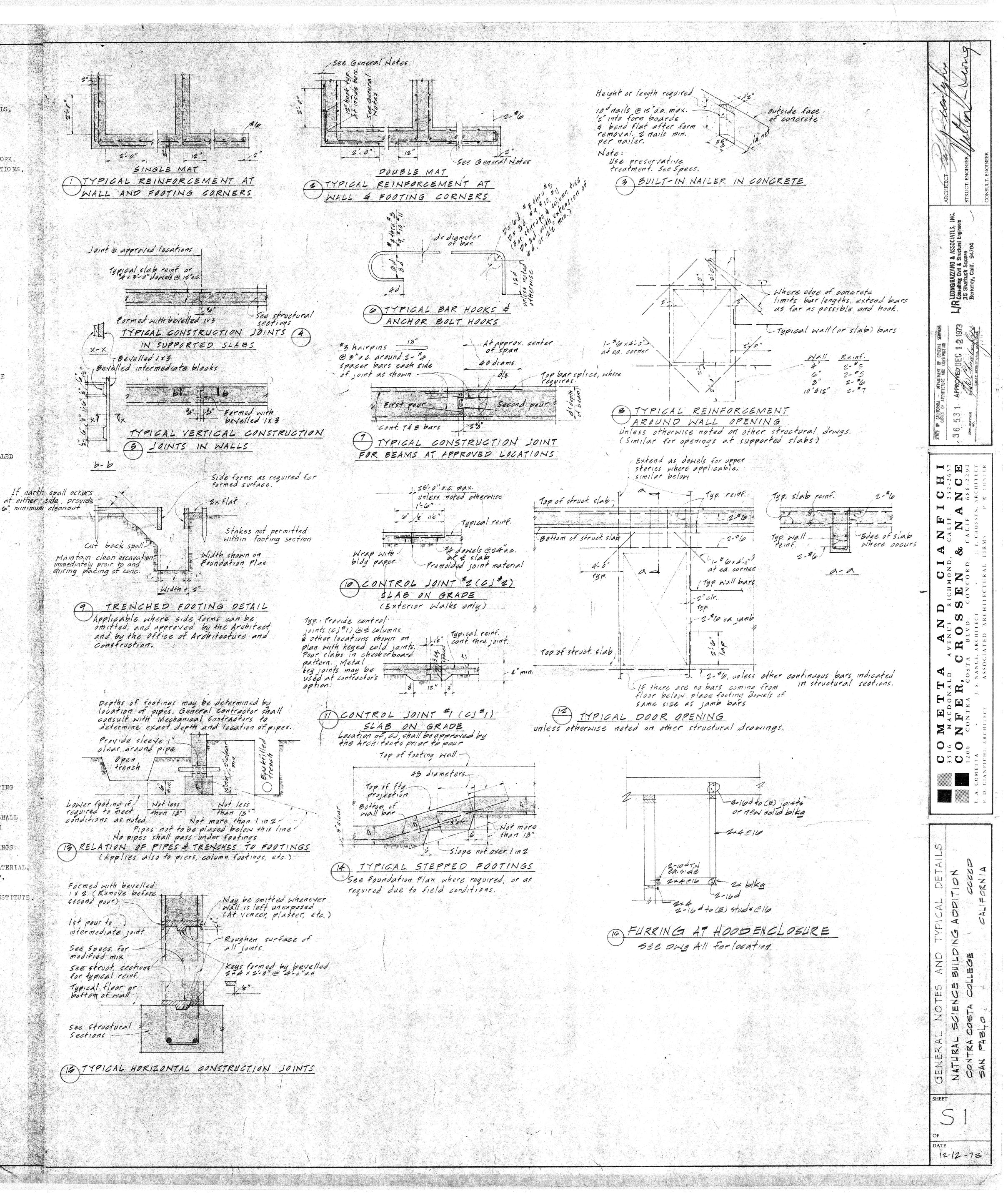
STEEL DECKING PANEL UNITS SHALL BE FORMED FROM ZINC COATED STEEL SHEETS WITH A MINIMUM YIELD STRENGTH OF 33,000 P.S.I. MINIMUM ZINC COATING SECTION PROPERTIES SHALL CONFORM TO THE AISI SPECIFICATIONS FOR THE DESIGN OF LIGHT GAGE COLD-FORMED STEEL STRUCTURAL MEMBERS

AND AS SHOWN ON STRUCTURAL PLANS AND DETAILS, AND SHALL INCLUDE ALL ACCESSORIES FOR THIS TYPE OF DECKING SUCH AS CLOSURES. PLASHING, COVER CAPS, ETC. PANELS SHALL BE ALIGNED AND PLACED IN

WELDING OF STEEL DECK PANELS TO SUPPORTING STRUCTURAL FRAMING AS NOTED ON STRUCTURAL DETAILS, AND/OR AS CALLED FOR ON APPROVED SHOP DRAWINGS

)IRT. DEBRIS. OIL. WATER. AND ANY FOREIGN MATERIAL. CONCRETE FILL WHERE REQUIRED ON STEEL DECKING SHALL TEST NOT LESS THAN 3000 P.S.I. AT 28 DAYS. AND SHALL BE REINFORCED WITH 6x6-10/10 WWF.

LIGHT-WEIGHT VERMICULITE FILL WHERE REQUIRED SHALL BE APPLIED IN STRICT ACCORDANCE WITH THE STANDARD SPECIFICATIONS OF THE VERMICULITE INSTITUTE



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CARPENTRY NOTES

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STILS ON CONCRETE SHALL BE FOUNDATION GRADE REDWOOD 3" THICK AT STRUCTURAL PLYWOOD SHEAR WALLS AND 2" MINIMUM THICK ELSEWHERE. THEY SHALL BE ANCHORED WITH 5/8" x 14" BOLTS UNLESS OTHERWISE NOTED (HOLES MAY BE V16" OVERSIZE) WITH A BOLT WITHIN 9" STICK AND SPACED NOT OVER 48" O.C. BETWEEN. SEE STRUCTURAL DETAILS FOR SPECIFIC SPACING OF ANCHOR BOLTS WHICH MAY BE NOTED AS LESS THAN 48" O.C. THERE SHALL BE AT LEAST 2 BOLTS IN EACH STICK. WHERE NOTCHES FOR PIPES, ETC. EXCEED 43 THE WIDTH OF THE SILL, PLACE A BOLT WITHIN 9" OF EACH SIDE OF NOTCH. TIEDOWN BOLTS SHALL NOT BE CONSIDERED AS SILL BOLTS. SILL SHALL BE BEDDED IN 1:2 MORTER 3/4" THICK.

ALL OTHER SUMBER NOT OTHERWISE NOTED SHALL BE DOUGLAS FIR MANUFACTURED AND GRADED IN ACCORDANCE WITH THE WEST COAST LUMBER INSPECTION BUREAU, "STANDARD GRADING AND DRESSING RULES, NO. 16, SEPT. 1, 1970 REVISED JAN. 1, 1968, OR EQUIVALENT STRESS GRADES OF WESTERN WOOD PRODUCTS ASSOCIATION FOR STRUCTURAL DOUGLAS FIR.

BLOCKING AND BRIDGING - PROVIDE AS FOLLOWS:

A. 2" SOLID BLOCKING BETWEEN JOISTS AND RAFTEES OVER SUPPORT B. 2" x 3" (MIN) CROSS BRIDGING BETWEEN JOISTS AND RAFTERS NOT OVER 8'-0" O.C. NOR MORE THAN 8'-0" FROM SUPPORT.

C. OMIT CROSS BRIDGING BETWEEN CEILING JOISTS AND RAFTERS 2 x 8 AND SMALLER

D. CONTINUOUS 2" HERRINGBONE BRIDGING, SLOPE 3 IN 12, AT MID-HEIGHT OF STUDS OR SO SPACED THAT UNBRACED LENGTH OF STUDS SHALL NOT EXCEED 8 -O" EXCEPT WHERE WALL FINISH OR PLYWOOD SHEATHING AT SHEAR WALLS CALLS FOR SOLID HORIZONTAL BLOCKING WHERE JOISTS SPAN BETWEEN CONCRETE OR MASONRY WALLS, STEEL FLATE ANCHOR CONNECTORS SHALL BE PROVIDED AT EACH END OF THE SAME JOIST, SUCH CONNECTED JOISTS SPACED NOT OVER 48" ON CENTER

WHERE A JOIST OF STUD IS BLACED AGAINST CONCRETE OR MASONRY WALL, BOLT TO WALL WITH 3/4" of x A.B. AT NOT OVER 48" 0.0. DOUBLE TOP PLATES OF EXTERIOR WALLS SHALL NOT BE OUT TO DAP THE TOP PLATES OF INTERSECTING WALLS, EXCEPT AT EXTERIOR WALL CORNERS OR AS OTHERWISE NOTED ON DRAWING.

PIPES EXCEEDING ONE THIRD OF THE PLATE WIDTH SHALL NOT BE PLACED IN PARTITIONS USED AS BEARING OR SHEAR WALLS, UNLESS COMPLETELY FURRED CLEAR OF THE STUDS. FIPE SHALL PASS THRU THE CENTER OF THE PLATES USING A NEATLY BORED HOLE. NO NOTCHING WILL BE ALLOWED EAGSCREWS SHALL BE SCREWED (NOT DRIVEN) INTO PLACE. DRILL HOLE SAME DIAMETER AND DEPTH AS SHANK, THEN DRILL HOLE SAME DIAMETER AS AT BASE OF THREAD FOR THE THREADED PORTION. USE PLATE WASHER AS REQUIRED FOR SAME BOLT SIZE

BOLTS IN WOOD SHALL BE MACHINE BOLTS, UNLESS OTHERWISE NOTED. BOLT HOLES IN WOOD AND STEEL SHALL BE THE DIAMETER OF THE BOLT PLUS VIO". PROVIDE SQUARE PLATE WASHER UNDER HEAD AND NUT WHERE BEARING WASHERS WILL NOT BE REQUIRED UNDER HEAD OF CARRIAGE BOLTS. IS AGAINST WOOD. IENGTH OF THREAD SHALL BE SUCH THAT THREADS DO NOT BEAR AGAINST WOOD OR STEEL. ALL NUTS SHALL BE TIGHTENED WHEN PLACED AND

JOB OR IMMEDIATELY BEFORE CLOSING WITH FINISH CONSTRUCTION. SQUARE STEEL PLATE WASHERS BOLT DIAMETER BOLT DIAMETER

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3/4" 3 x 3 x 5/16"	
에 있었다. 2014년 1월 2014년 일종 1913년 1월 2014년 1월 2	1
MALLEABLE TRON WASHERS MAY BE USED IN LIEU OF SQUARE STEEL PLATE	WASHERS

3" STRAIGHT SHEATHING ON ROOF (IF CALLED FOR ON THIS PROJECT) STRAIGHT SHEATHING SHALL BE T & G KILN DRIED OR AIR DRIED TO MOISTURE CONTENT NOT TO EXCEED 16%. THERE SHALL BE AT LEAST ONE UNCUT BOARD BETWEEN JOINTS ON THE SAME BEARING. PLYWOOD SHEATHING

WHERE NOTED ON STRUCTURAL PLANS, ROOFS, EXTERIOR SHEAR WALLS, INTERIOR SHEAR WALLS PARTITIONS, AND SUB-FLOORS SHALL BE SHEATHED WITH DOUGLAS. FIR PLYWOOD, STRUCTURAL I, EXTERIOR TYPE,

ALL PLYWOOD SHEATHING USED STRUCTURALLY SHALL EXTEND CONTINUOUSLY BEHIND ALL FINISH. WHERE IT IS TO BE PLASTERED, IT SHALL BE PROTECTED. BY AN UNBROKEN LAYER OF MOISTURE-TIGHT PAPER UNDER LATHING. AT BRICK VENEER WALLS, PLYWOOD SHEATHING SHALL BE FACED WITH BUILDING PAPER IN ACCORDANCE WITH SECTION 1001 (d), TITLE 21.

IN GENERAL, PLYWOOD SHEETS SHALL BE 4'-O" x 8'-O" AT WALLS, AND AT ROOFS GERED 4'-O", ALL AT MALLS . ROOF SHEETS SHALL BE LAID WITH FACE PLIES ACROSS JUISTS PLYWOOD JOINTS SHALL XCEPT WHERE DETAILED OTHERWISE.

NATIJING ALL NAILS SHALL BE COMMON WIRE NAILS. WHERE NAILS TEND TO SPLIT THE WOOD, NAIL HOLES SHALL BE SUB-DRILLED. SCHEDULE OF MINIMUM PERMISSIBLE CONNECTION

DETAILS			TASTENING	
STUDS TO BEARING	2x6 AND SMALLER	2-TOA TOENAILS EA SIDE (3-100		- 그는 것은 이렇게 지난 것이 있는 것이 같아요. 이렇게 집에서 있는 것은 것이 있는 것이 가지 않았다. 이렇게 귀엽했다.
	2x8 AND LARGER	3-10d TOENATTS RA SIDE (3-16d	TN EA STDE TO RWD SILL WHEN	2x8 @ 16 EXCEEDS 20'-0"
가 같은 물건에 가지 않는 것은 것이 가 있는 것을 가 많이 가지 않는다. 그 사람들은 것은 것은 것은 물건을 가지 않는다. 것은 것은 것은 것은 것은 것은 것은 것이 같이 있다.	3x4 AND LARGER	2-10d TOENATES FA FACE		
SOLE PLATES (ON SHEATHING)	PERPENDICULAR TO JOISTE	2-30d EACH JOTST		
	PARALLEL TO JOISTS	30d @ 8" O.C. STAGGERED		
DOUBLE 2" TOP FLATES	LOWER PLATE TO STUD	2-204 FOR 2x6 STUDS OR SMALLE	R: 3-20d FOR 2x8 STUDS; 2-20d	FOR 3x4 STUDS
(USE 30d FOR 3" PLATES )	UPPER TO LOWER STAGGERE	D 16d @ 12" O.C. (MIN. LAP 4"	-O" WITH 16-16d BA LAP) SEE P	LANS FOR SPECIAL CONDITIONS.
Sin and the second s	LAP AT INTERSECTIONS	3-lod		
JOISTS OR RAFTERS	TO BEARING	2-10d TOENATLS EA STDE		
	TO SIDE OR EDGE OF STUD	3-16d FIR 8" DEPTH JOIST OR L	ESS (AND 1-16d FOR EA ADDITIO	NAL 4" IN DEPTH OF JOIST)
	TO PARALLELING MEMBERS (PLATES, ETC.)	16d @ 12" O.C.		
	AT LAPS (12" MINIMUM)	4-16d		
BLOCKING	TO JOISTS OR RAFTERS	2-10d TOENAILS EA SIDE EA END		
	TO BEARINGS	2-10d TOENAILS FA SIDE		
HERRINGBONE BRIDGING	TO STUDS	2-10d		
CROSSBRIDGING	TO JOISTS OR RAFTERS	2-8d		
MULTIPLE STUDS	EACH LAYER	16d @ 8" 0.C.		
BUILT-UP BEAMS (MULTIPLE JOIST	) EACH LAYER	16d @ 8" 0.0. FOR BEAMS LESS : 1/2" & BOTATS @ 24" 0.0. STAGGER		N DEPTH.
DOUBLE JOIST UNDER	WHERE NOT BLOCKED APART	16d @ 8" O.C.		
PARTITION	WHERE BLOCKED APART	3-16d EA BLOCK BACH SIDE. (BLO	CKS 2 x 0 24" O.C.)	
	PW NAILING LOCATION		FW AT DESIGNATED SHEAR WALL LOCATIONS AS INDICATED ON STRUC- TURAL PLANS.	PW AT OTHER PARTITIONS THAT ARE SHOWN ON ARCHITEC- TURAL PLANS OR REFERED TO ARCHITECTURAL PLANS.
PLYWOOD SHEATHING	AT ALL EDGES OF SHEET	8 d @ 4" 0.C.	8 d @ 4" 0.C.	8ā @ 6º 0.C.
E WHERE CALLED OUT AS	AT ALL OTHER CONTACTS, UNLESS OTHERWISE NOTED	8 d @ 12" O.C. 8 d @ 12" O.C. EWC 316" PW TO T& G DECKING	8d @ 12" 0.C.	86 @ 12" 0.C.
EUGE NAILING	AT DOUGLAS FIR SILLS	any may use minutes any	8 à @ 4" 0.C.	8d @ 6" 0.C.
	AT REDWOOD SILLS	Les 744 Aug 384 385 477	8 d @ 3" 0.0.	8d @ 6" O.C.
CEILING STRIPPING	1 x NOMINAL	2-8d 1 STRATGHT, 1 SLANT AND	SUB-BORED AT JOINT	
- 이상 2018년 1월 1997년 1월 1998년 1월 1998년 1월 1998년 1월 1998년 - 1월 1998년 1	L x NET	2-8d 1 STRAIGHT, 1 SLANT AND	SUB-BORED AT JOINT	
	14 x NET	2-10d 1 STRAIGHT, 1 SLANT AND	SUB-BORED AT JOINT	
				에는 이 것은 것은 것이 있는 것이 있

CEILING STRIPPING AT PLASTERED TIGHTLY SADDLE-LOOPED NAIL OR 1-1 3/4" BARBED INSTEAD OF USING NAILS. AT THE CONTRACTOR'S OPT OMITTED IF THE STRIPPING IS NATES (SAME SIZE AND NUMBER AS COMMON WIRE NAILS LISTED ABOVE.

MATERIAL (AND 2" MATERIAL ON FACE OF SHEATHING) SHALL BE NAILED WITH 30d NAILS INSTEAD OF THE 16d NOTED IN THE SCHEDULE. NAILING NOT NOTED ABOVE OR ON DETAILS SHALL BE AT LEAST ? NAILS AT ALL CONTACT POINTS. USING 88 THROUGH 1" MATERIAL AND 168 THROUGH 2" MATERIAL. WHERE CONTACTING MEMBERS THROUGH 2" MATERIAL. ALL WOOD WINDOW AND DOOR FRAMES SHALL BOTTOM AND NOT OVER 24" O.C. BETWEEN. NAIL TO EACH BLOCK WITH 2-16d CASING NAILS SET 48"

Typical T& G joint PW joint within middle . half of board <sup>3</sup>B" PW over T&G with face plies 1 to run of T&G 8° @ 4 "0.C. TYPICAL TE & DECK NAILING DETAIL and frank

2 x NOMINAL

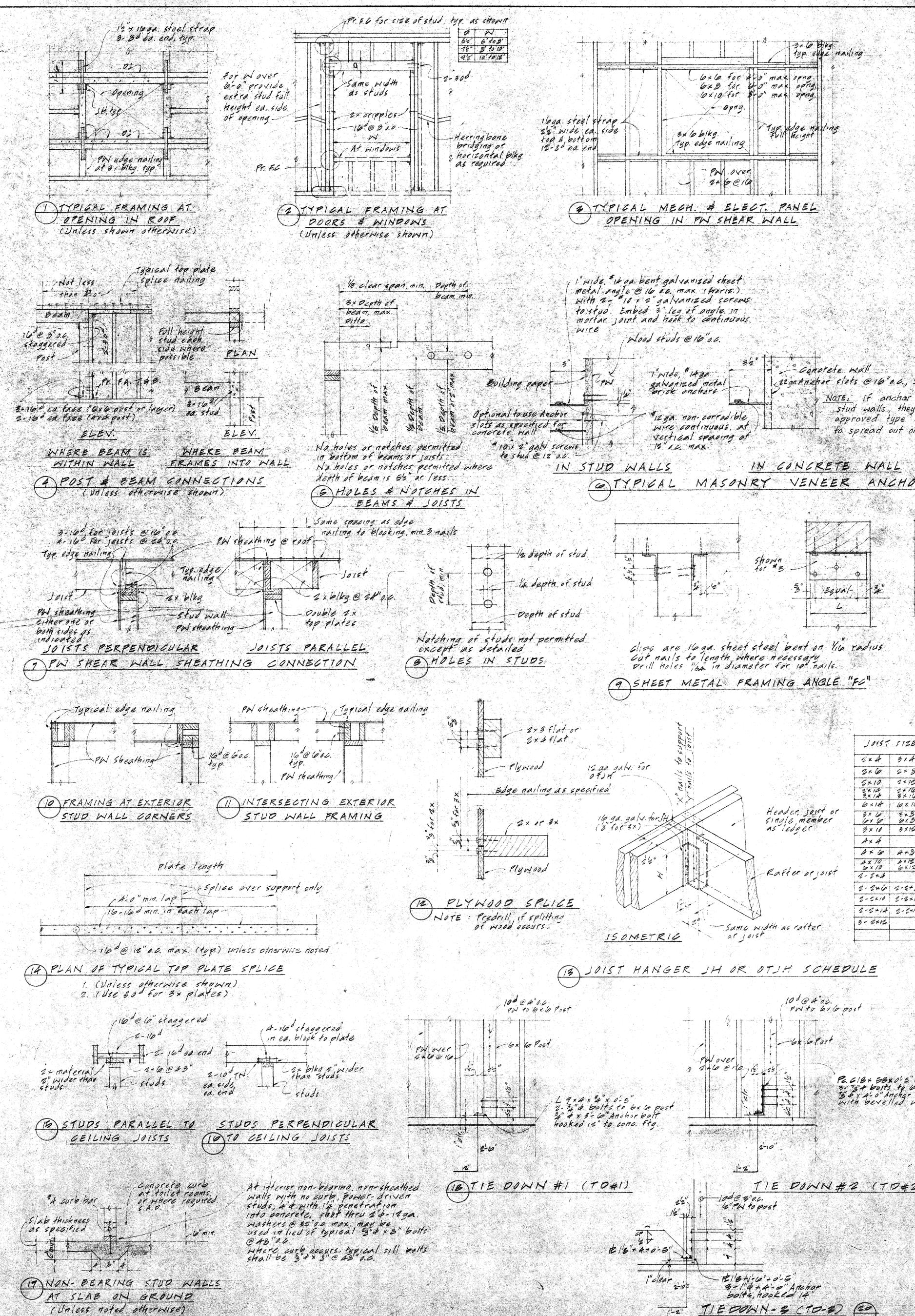
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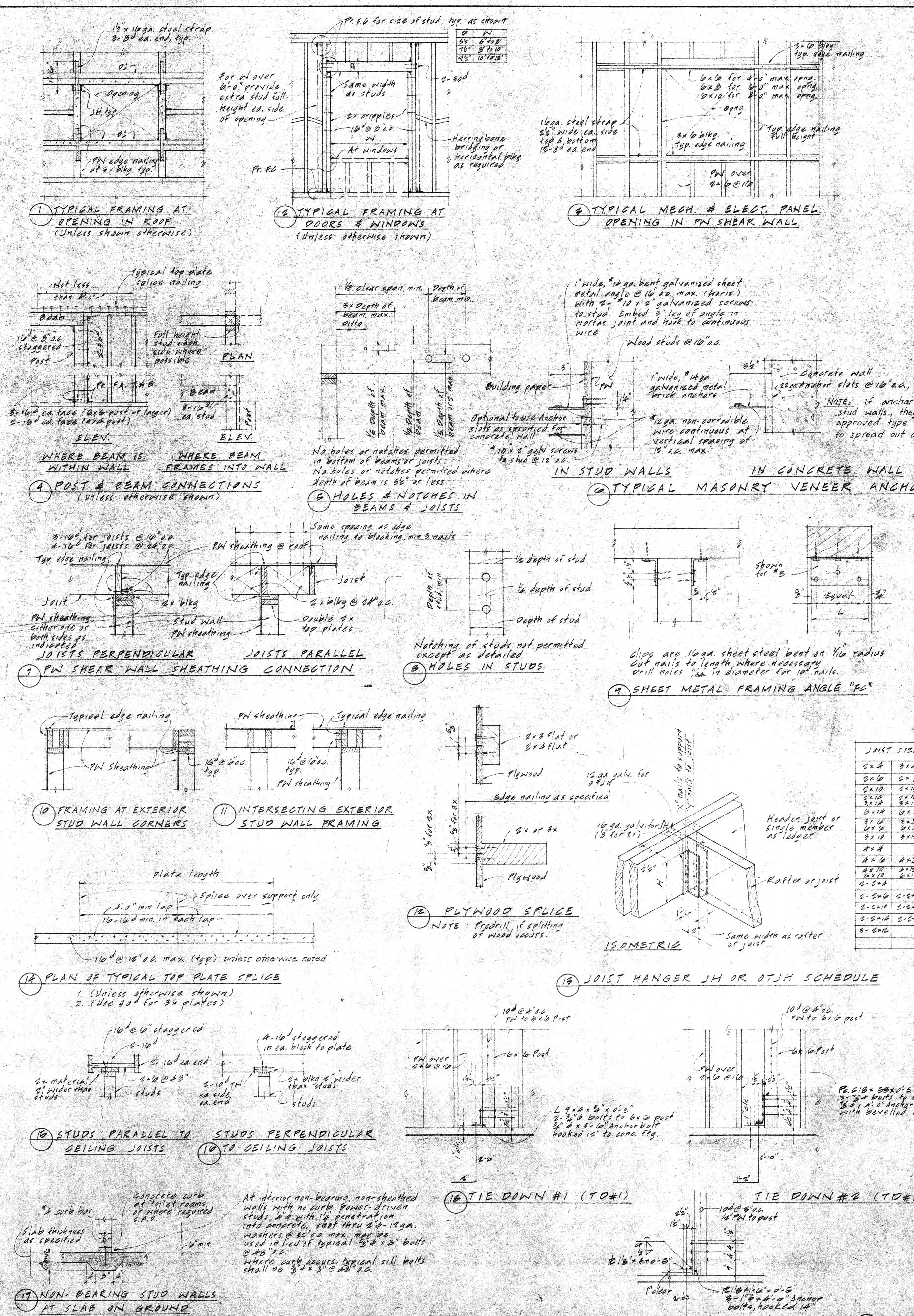
SQUARE STEEL PLATE WASHERS 3th x 3th x 3/8" 3 x/3 x 3/8" 4 x 4 x 7/16" 43 x 44 x 1/2"

1 STRATCHT. 1 SLANT AND SUB-BORED AT JOIN

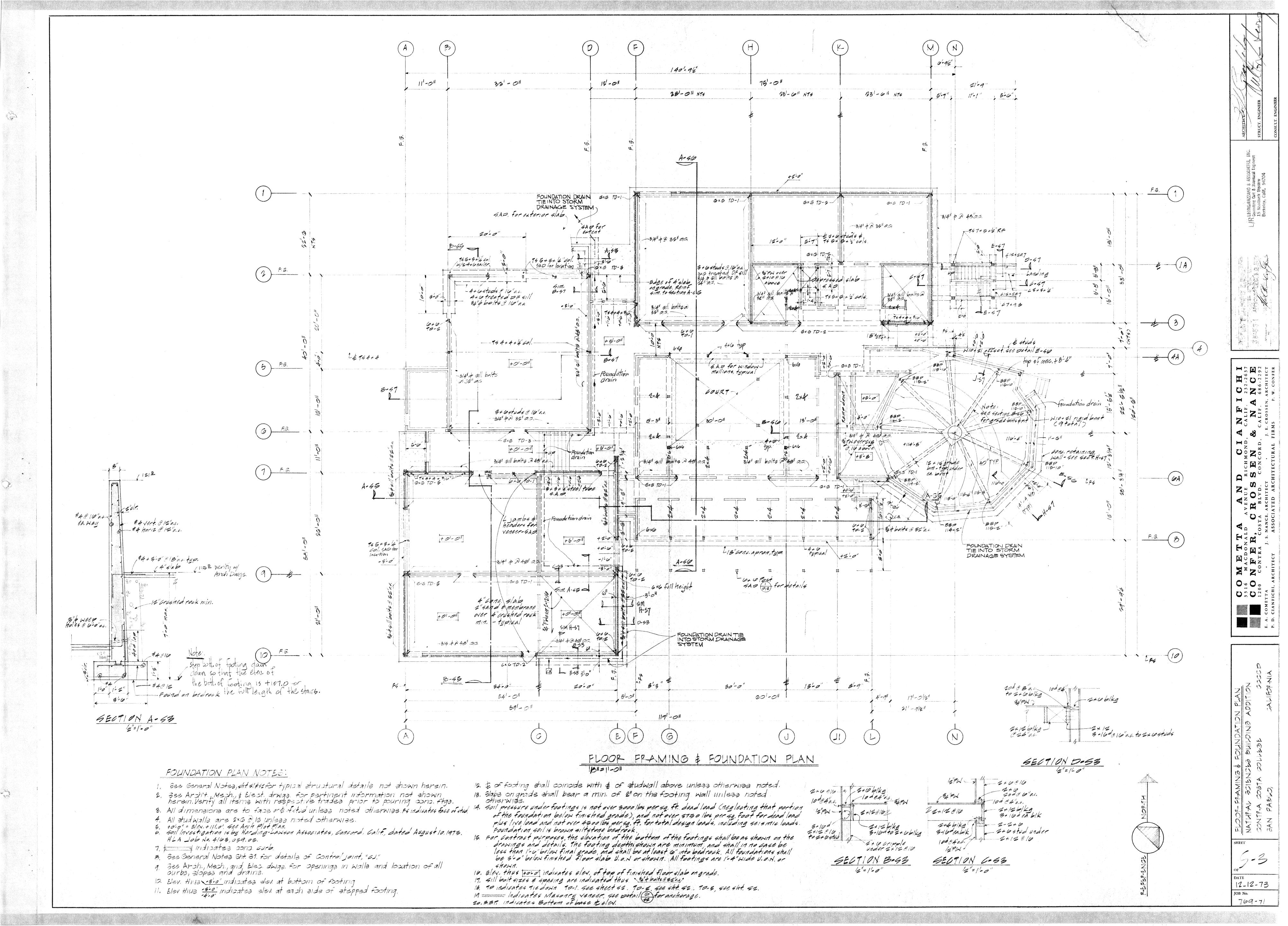
1. BPW -nail with Bd hot dipped galy nails, unless noted otherwise. 2. Edge nail spacing @ 4" ac. Intermediate nail spacing @ 12" ac. each way.

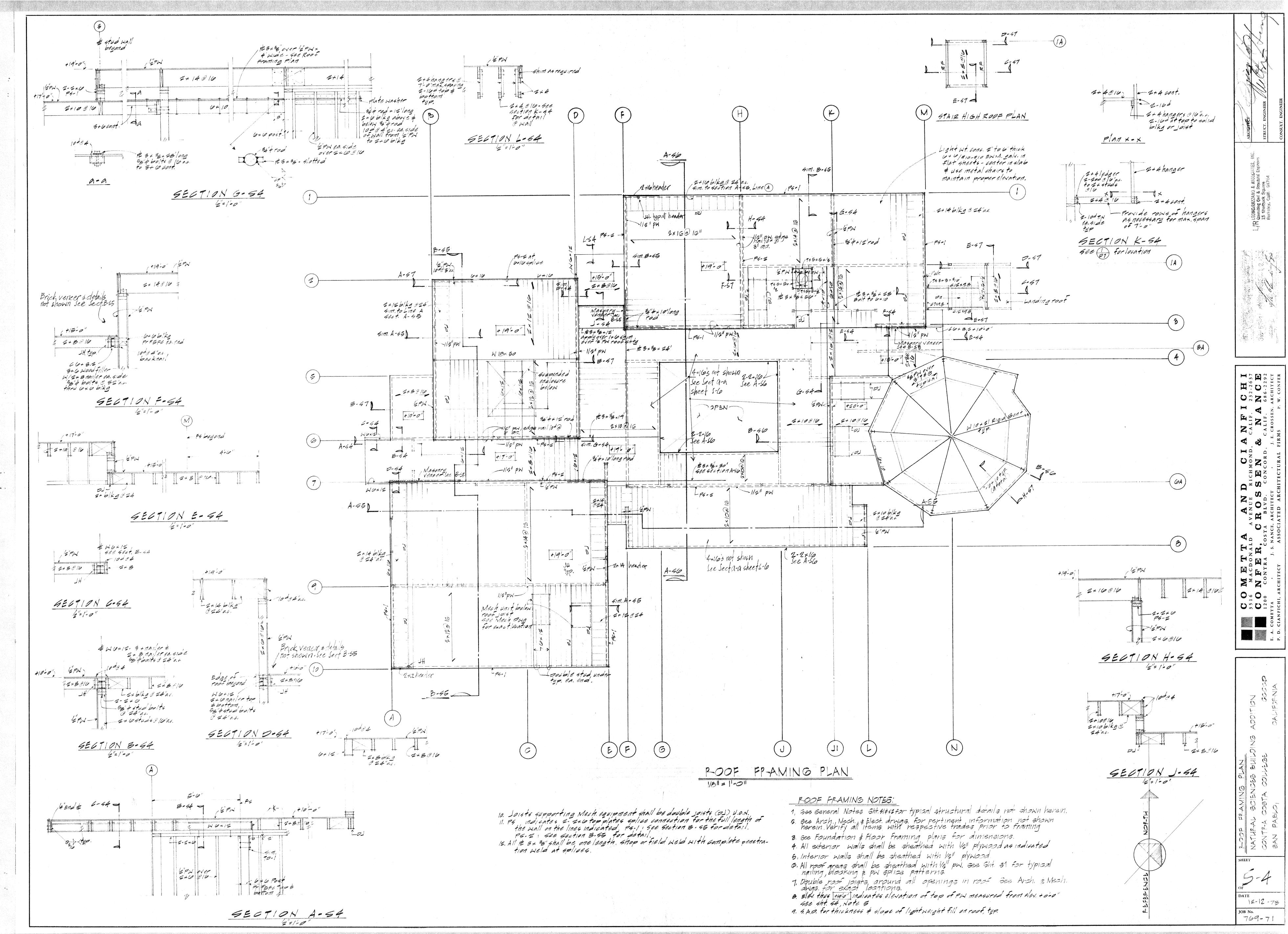
3. PW joints shall not center over T& & joints - see detail. 4. TEG Nailing - 2-30 d per board e each support contact perpendicular to TEG, and so de B'oc. for contacts parallel to TEG.



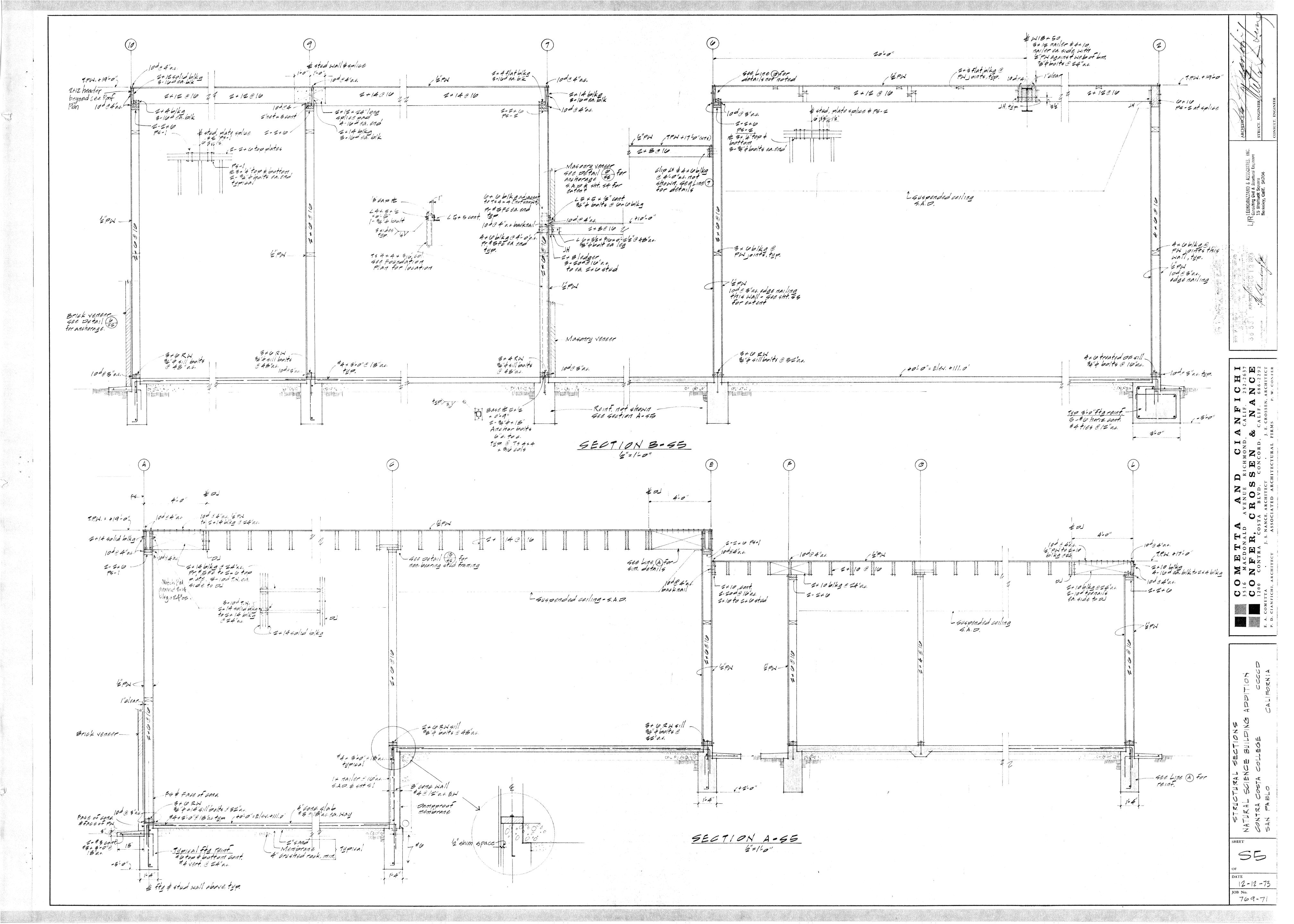


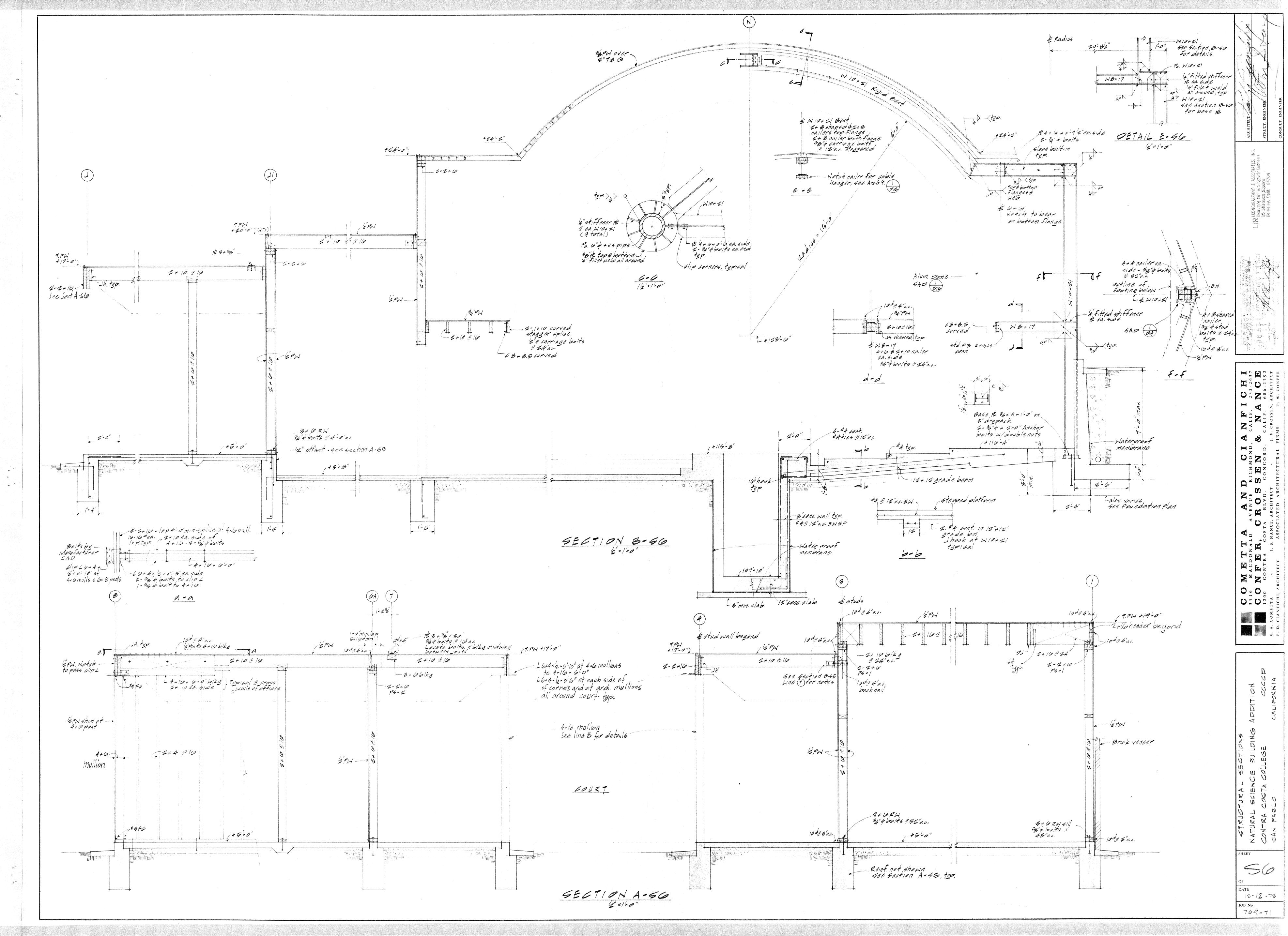
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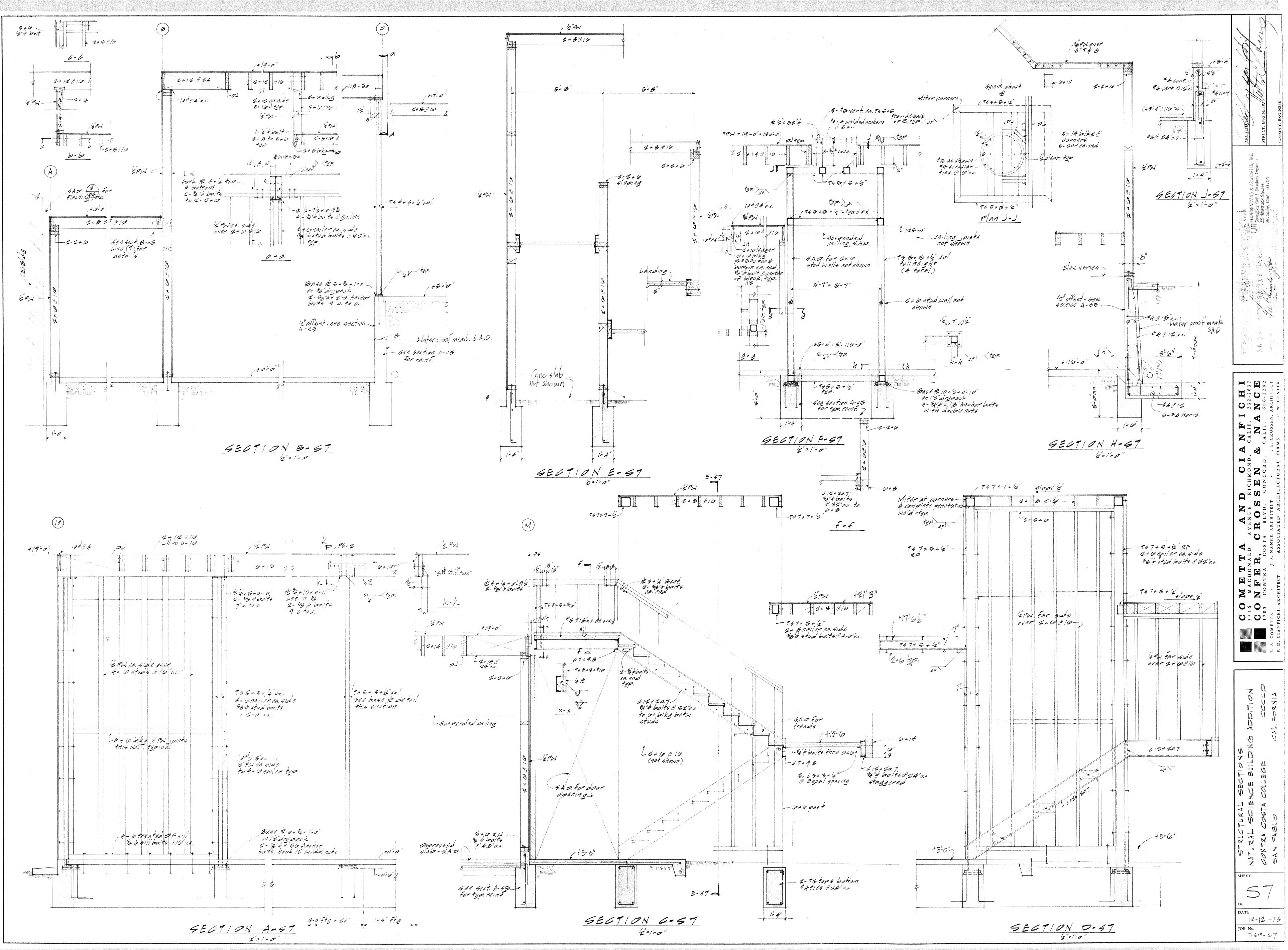




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