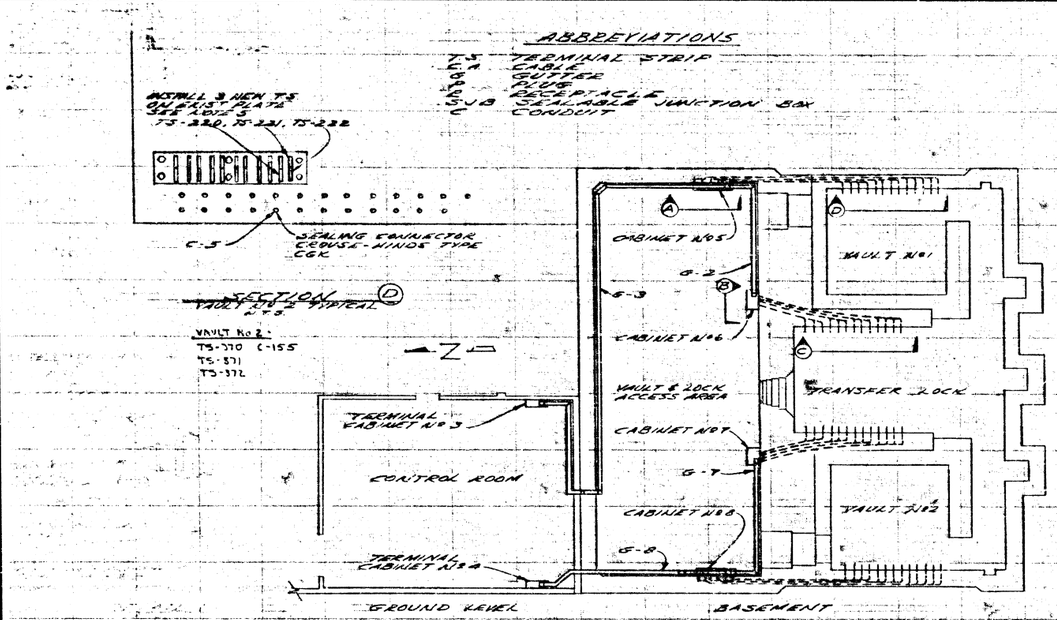
ABBREVIATIONS

T.S.	TERMINAL STRIP
C.A.	CABLE
C.	CUTTER
PLG.	PLUG
REC.	RECEPTACLE
S.J.B.	SEALABLE JUNCTION BOX
C	CONDUIT

GENERAL NOTES

1. JOB CONSISTS OF (1) RUNNING 2 CABLES (24 PAIRS OF THERMOCOUPLES WITH CABLE) FROM EACH SIDE OF THE TRANSFER LOCK TO TERMINAL CABINETS IN CONTROL ROOM AND (2) RUNNING 1 CABLE FROM EACH SIDE OF TRANSFER LOCK TO CABINETS IN BASEMENT ACCESS AREA (3) RUNNING 1 CABLE FROM EACH VAULT TO THEIR RESPECTIVE CABINET IN BASEMENT ACCESS AREA
2. ALL ELECTRICAL SHOWN IS EXISTING EXCEPT AS NOTED
3. THERMOCOUPLE CABLE SHALL CONSIST OF 25 PAIR OF CHROMEL-ALUMEL WIRES WITH POLYETHYLENE INSULATION EACH PAIR SHALL BE GAUGE 20 MANUFACTURED BY THERMO-ELECTRIC INC. NOTE: ONLY 24 PAIRS SHALL BE USED
4. PLUG SHALL BE ITT CANNON TYPE MS3102E-32-17P AND RECEPTACLE SHALL BE ITT CANNON TYPE MS3102E-32-17S EACH WITH 17 PINS - NO 16 GAUGE CHROMEL-ALUMEL ALTERNATELY EVEN NUMBER CONTACTS ALUMEL-ODD NUMBER CONTACTS - CHROMEL-ELECTRIC MFG. CO. OR EQUAL. SEALABLE JUNCTION BOX TAP THREAD HOLES SHALL NOT PENETRATE COVER AND USED SHALL BE GASKETED. RECEPTACLE SHALL BE MOUNTED QUARTERLY OVER ITS RESPECTIVE CONDUIT. PLUG AND RECEPTACLE TO BE SUPPLIED BY A.I. 8 REQ'D
5. TERMINAL STRIP SHALL BE MARATHON ELECTRIC SERIES 200 SIXTEEN TERMINALS WITH MARKER STRIP. TERMINAL STRIPS MOUNTED IN CABINETS SHALL BE MOUNTED ON HARDWOOD PLATES 3/4" THICK 24 REQ'D

REVISIONS			
SYM	DESCRIPTION	DATE	SIGNATURE



PARTIAL FLOOR PLAN BLDG 24
SCALE 1/8" = 1'-0"

THERMOCOUPLE WIRES											
FROM		VIA							TO VAULT OR T.P.L.		
CAB.	STRIP	CABLE	CUTTER	PLUG	TERMINAL BLOCK	RECEPT.	CABLE	CONDUIT	STRIP		
3	TS-101	CA-25	C-3	P-25	SJB-9	R-25	CA-125	C-17	TS-219	VAULT #1	
	TS-102	CA-25	C-3	P-25	SJB-9	R-25	CA-125	C-17	TS-218		
	TS-103	CA-25	C-3	P-25	SJB-9	R-25	CA-125	C-17	TS-219		
	TS-104	CA-26	C-3.2	P-26	SJB-14	R-26	CA-126	C-65	TS-259	TRANSF. L	
	TS-105	CA-26	C-3.2	P-26	SJB-14	R-26	CA-126	C-65	TS-260		
	TS-106	CA-26	C-3.2	P-26	SJB-14	R-26	CA-126	C-65	TS-261		
	TS-107	CA-28	C-3.2	P-28	SJB-15	R-28	CA-128	C-66	TS-262		
	TS-108	CA-28	C-3.2	P-28	SJB-15	R-28	CA-128	C-66	TS-263		
	TS-109	CA-28	C-3.2	P-28	SJB-15	R-28	CA-128	C-66	TS-264		
	TS-110	CA-30	C-3.2	P-30	SJB-15	R-30	CA-130	C-67	TS-265		
	TS-111	CA-30	C-3.2	P-30	SJB-15	R-30	CA-130	C-67	TS-266		
	TS-112	CA-30	C-3.2	P-30	SJB-15	R-30	CA-130	C-67	TS-267		
NEW	TS-121	CA-27	C-6.7	P-27	SJB-19	R-27	CA-127	C-115	TS-309		
	TS-122	CA-27	C-6.7	P-27	SJB-19	R-27	CA-127	C-115	TS-310		
	TS-123	CA-27	C-6.7	P-27	SJB-19	R-27	CA-127	C-115	TS-311		
	TS-127	CA-31	C-6.7	P-31	SJB-18	R-31	CA-131	C-116	TS-312		
	TS-128	CA-31	C-6.7	P-31	SJB-18	R-31	CA-131	C-116	TS-313		
	TS-129	CA-31	C-6.7	P-31	SJB-18	R-31	CA-131	C-116	TS-314		
	TS-130	CA-32	C-6.7	P-32	SJB-18	R-32	CA-132	C-117	TS-315		
	TS-131	CA-32	C-6.7	P-32	SJB-18	R-32	CA-132	C-117	TS-316		
	TS-132	CA-32	C-6.7	P-32	SJB-18	R-32	CA-132	C-117	TS-317		
	TS-124	CA-28	C-6	P-28	SJB-28	R-28	CA-128	C-167	TS-362	WALL #2	
	TS-125	CA-28	C-6	P-28	SJB-28	R-28	CA-128	C-167	TS-363		
	TS-126	CA-28	C-6	P-28	SJB-28	R-28	CA-128	C-167	TS-364		
				P-33	SJB-5	R-33	CA-133	C-5	TS-220	WALL #1	
				P-33	SJB-5	R-33	CA-133	C-5	TS-221		
				P-33	SJB-5	R-33	CA-133	C-5	TS-222		
4	TS-501	M	M	P-34	SJB-15	R-34	CA-134	C-55	TS-268	WALL L	
	TS-502	L	L	P-34	SJB-15	R-34	CA-134	C-55	TS-269		
	TS-503	K	K	P-34	SJB-15	R-34	CA-134	C-55	TS-270		
7	TS-501	M	M	P-35	SJB-18	R-35	CA-135	C-165	TS-308		
	TS-502	L	L	P-35	SJB-18	R-35	CA-135	C-165	TS-309		
	TS-503	N	N	P-35	SJB-18	R-35	CA-135	C-165	TS-310		
8	TS-551	T	T	P-36	SJB-24	R-36	CA-136	C-155	TS-370	WALL #2	
	TS-552			P-36	SJB-24	R-36	CA-136	C-155	TS-371		
	TS-553			P-36	SJB-24	R-36	CA-136	C-155	TS-372		

NEW

NEW

NEW

303-024-E6

TIME N/S 0.37.7
J.I.R. NO. 702-48391

CABINET 3 TS
CABINET 4 TS

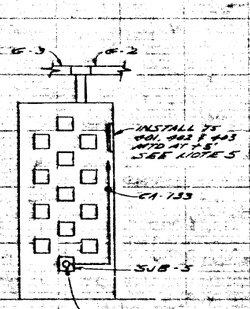
TS-107 TS-127
TS-108 TS-128
TS-109 TS-129
TS-110 TS-130
TS-111 TS-131
TS-112 TS-132

TERMINAL CABINETS No 3 & 4

SECTION (A) CABINET No 3 & TYPICAL N.T.S.

CABINET No 3 - SEALED JUNCTION BOX

SJB-24	P-12, 16
TS-551	CA-136
TS-552	
TS-553	

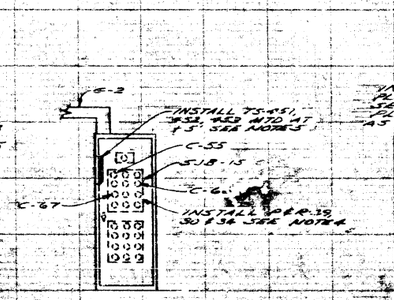


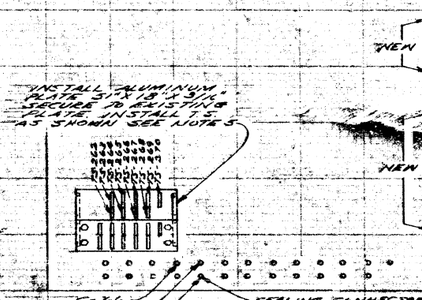
SECTION (B) CABINET No 5 & TYPICAL N.T.S.

SEALED JUNCTION BOXES-CABINET NO. 1

TS-501	C-165 SJB-18
TS-502	C-165
TS-503	C-165

INSTALL P&R 35-81-132





TYPICAL SECTION (C) T.P.L. TO COMPOSITE WALL N.T.S.

TERMINAL STRIPS OPPOSITE WALL

TS-318	TS-313	TS-316
TS-319	TS-314	TS-317
TS-512	TS-315	TS-320

CONDUITS OPPOSITE WALL
C-113, C-116, C-117

REDUCED DRAWING

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8360 VANOWEN STREET, CANOGA PARK, CALIF.

BLDG 024 SETF TEST CELLS
SANTA SUSANA
ADDITIONAL THERMOCOUPLE LEADS

DRAWN	G. ARNETT, DWG.	DWG. NO.	303-024-E6
CHECKED		SIZE D	
ENGINEER		SCALE	
APPROVED		SHEET NO. 1 OF 1	