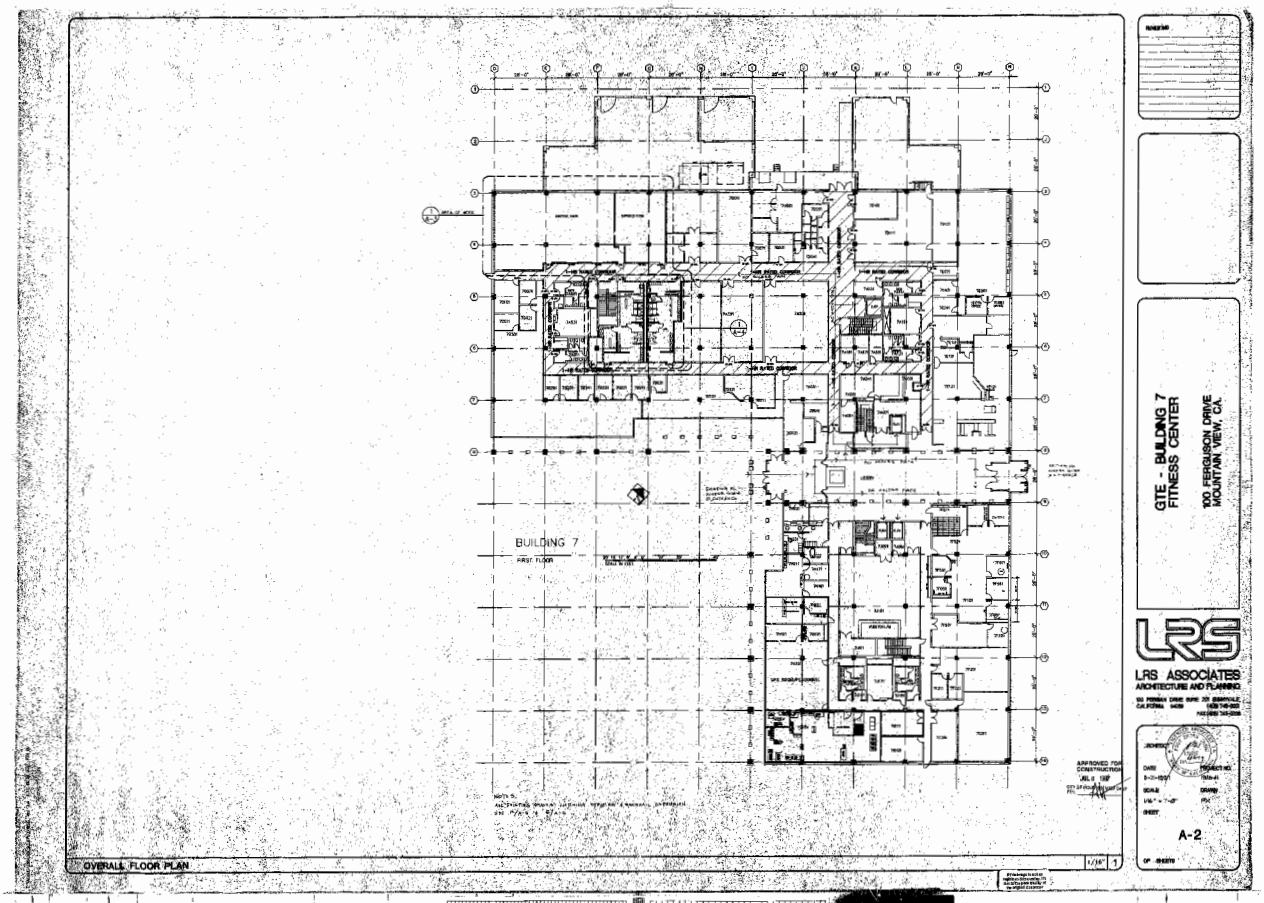
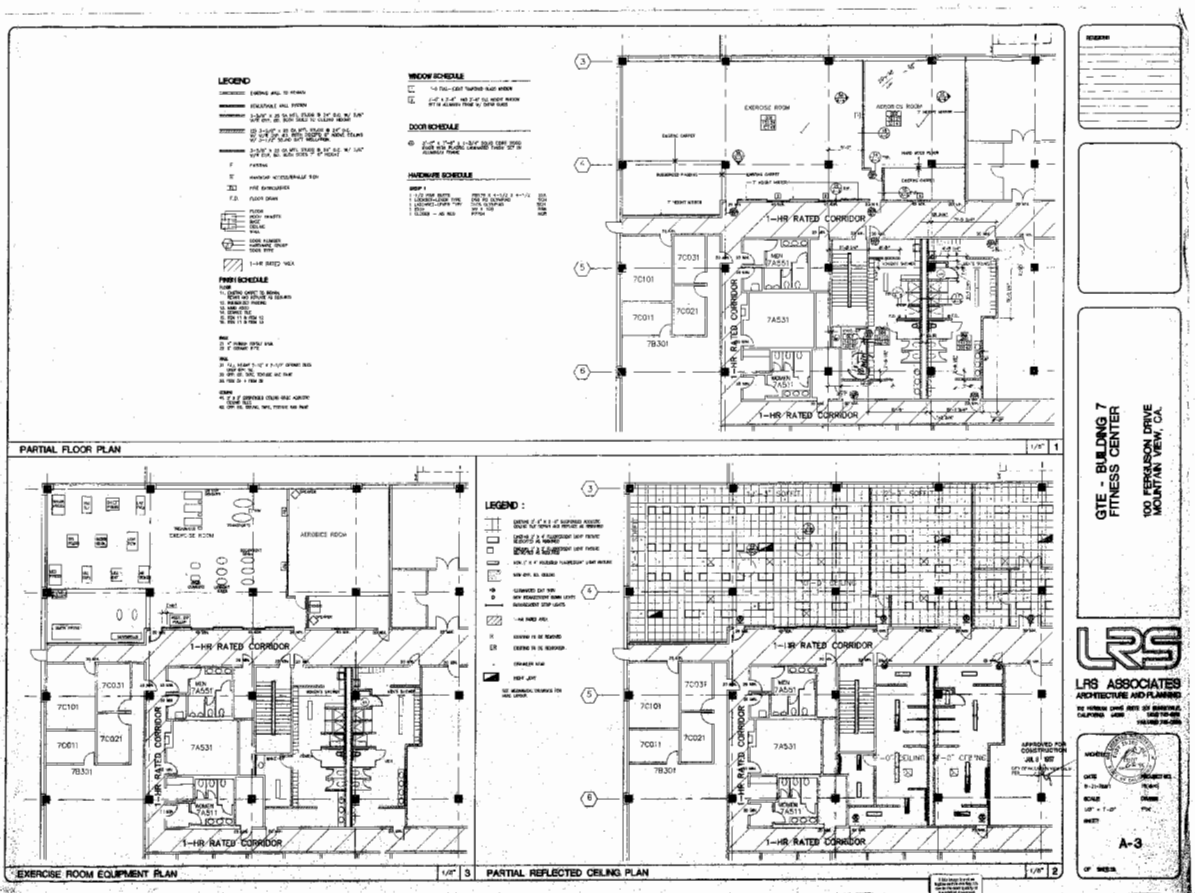
POOR LEGIBILITY

ONE OR MORE PAGES IN THIS DOCUMENT ARE DIFFICULT TO READ
DUE TO THE QUALITY OF THE ORIGINAL

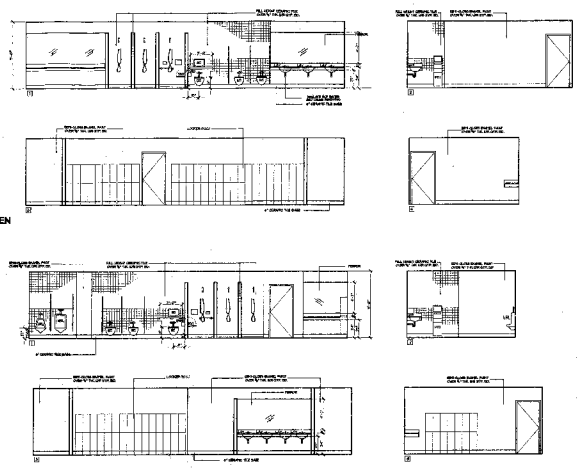
SEMS-RM DOCID # 1164834



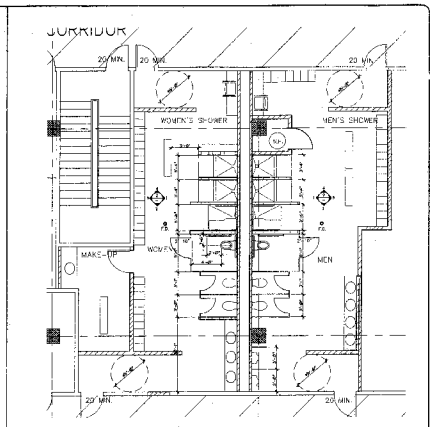
30X


LEGEND
WINDOW SCHEDULE
DOOR SCHEDULE
HARDWARE SCHEDULE
FINISH SCHEDULE
EXERCISE ROOM
AEROBICS ROOM
1-HR RATED CORRIDOR
7C031
7C101
7C011
7C021
7B301
7A531
MEN 7A551
WOMEN 7A511
PARTIAL FLOOR PLAN
1/8" 1
CHEMICAL SE ROOM
AEROBICS ROOM
EXERCISE ROOM EQUIPMENT PLAN
1/8" 3
LEGEND :
PARTIAL REFLECTED CEILING PLAN
1/8" 2
GTE - BUILDING 7
FITNESS CENTER
100 FERGUSON DRIVE
MOUNTAIN VIEW, CA.
LRS ASSOCIATES
ARCHITECTURE AND PLANNING
APPROVED FOR CONSTRUCTION
JUL 1 1997
A-3

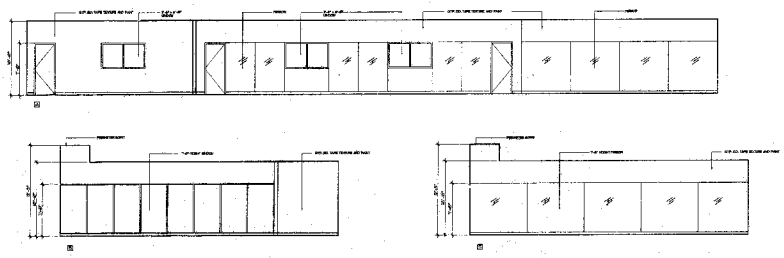
30X



REST ROOM ELEVATIONS 1/4" 2



ENLARGED REST ROOM FLOOR PLAN 1/4" 1



FITNESS CENTER INTERIOR ELEVATIONS 1/4" 3

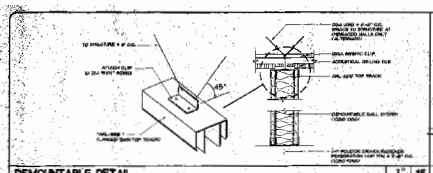
APPROVED FOR CONSTRUCTION JUL 9 1997

GTE - BUILDING 7
FITNESS CENTER

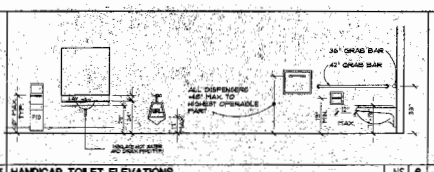
100 FERGUSON DRIVE
MOUNTAIN VIEW, CA.

LRS ASSOCIATES
ARCHITECTURE AND PLANNING

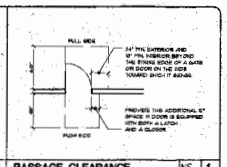
A-4



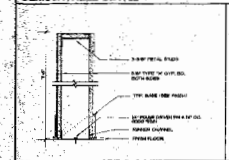
DEMOUNTABLE DETAIL | 3" | 15



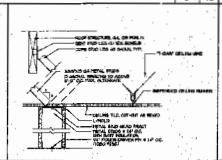
HANDICAP TOILET ELEVATIONS | NS | 6



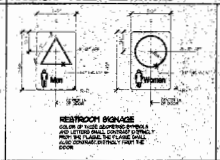
PASSAGE CLEARANCE | NS | 1



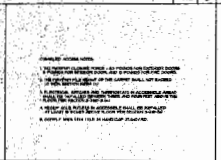
PARTIAL HEIGHT WALL | 3" | 19



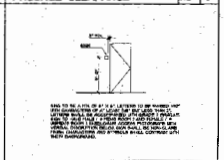
CEILING HEIGHT WALL | 3" | 16



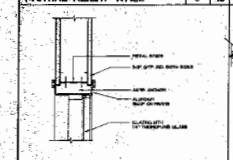
BATHROOM SIGNAGE | NS | 11



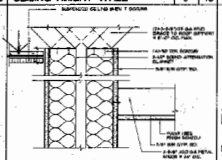
HANDICAP ACCESS NOTES | 7



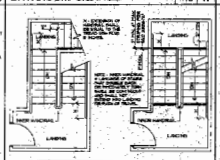
HC ACCESS & BRAILLE SIGN | 2



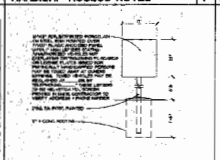
WINDOW JAMB/ HEAD | 3" | 20



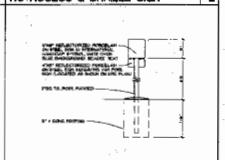
PLUMBING WALL | 3" | 17



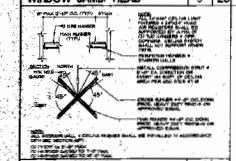
STAIR HANDRAILS (E) | NS | 12



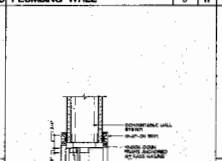
TOW-AWAY SIGN | NS | 8

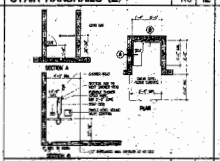


HANDICAP PARKING SIGN | NS | 3

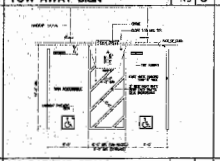


COMPRESSION STRUT | NS | 21



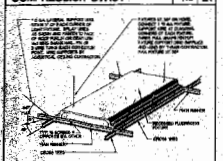


HC SHOWER STALL | NS | 13

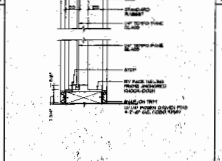


HC PARKING STALL | NS | 9

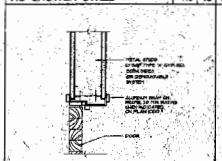
HANDICAP SYMBOL | NS | 4



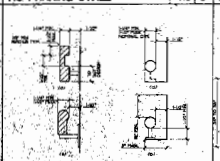
LIGHT FIXTURE | NS | 22



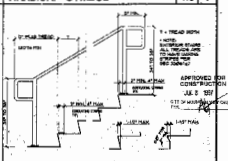
FULL HEIGHT WINDOW | 3" | 18



DOOR HEAD / JAMB | 3" | 14



STAIR HANDRAILS (E) | NS | 10



WARNING STRIPING & HANDRAIL EXTENSIONS (E) | NS | 5

REVISIONS

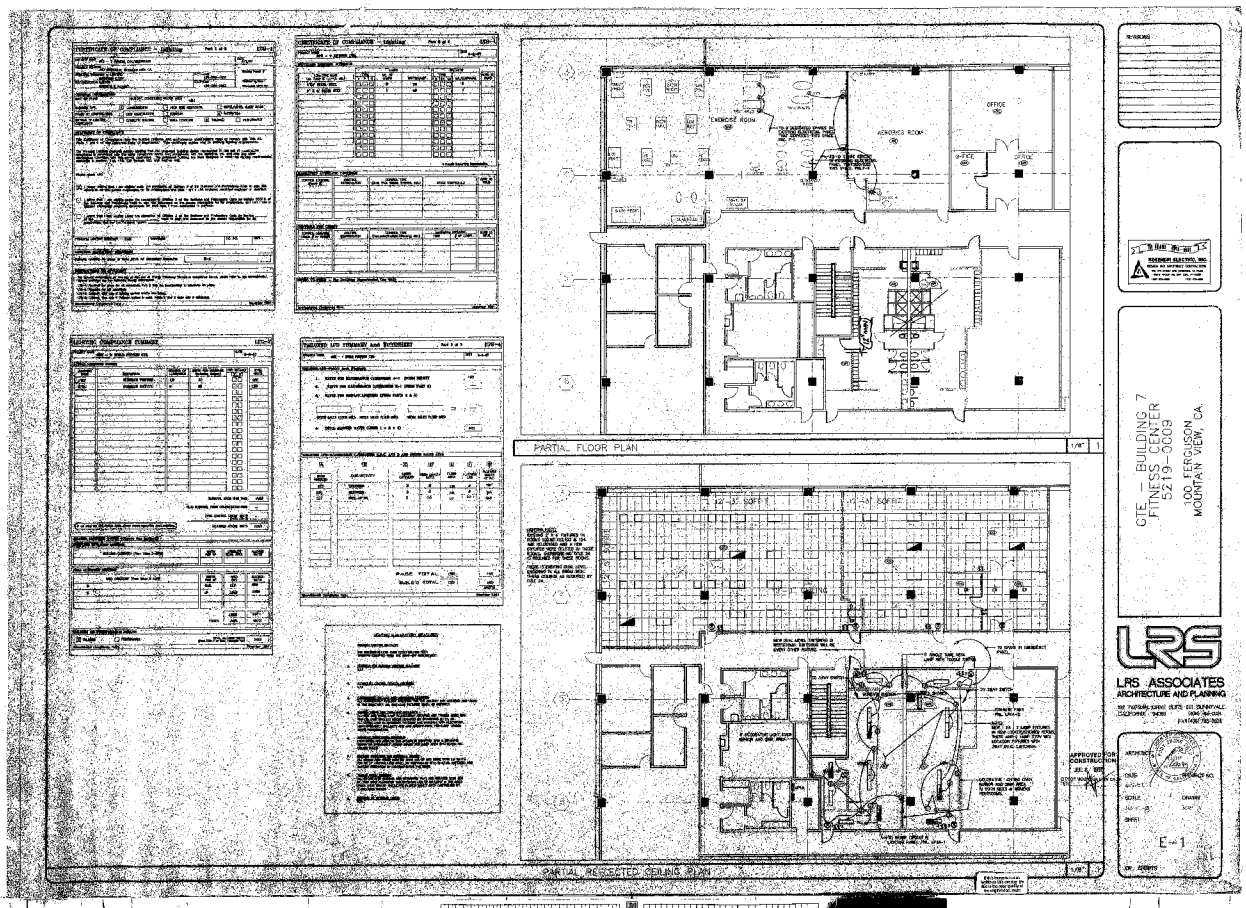
GTE BUILDING - 7
T.I. FOR FITNESS CENTER

100 FERGUSON DRIVE
MOUNTAIN VIEW, CALIFORNIA

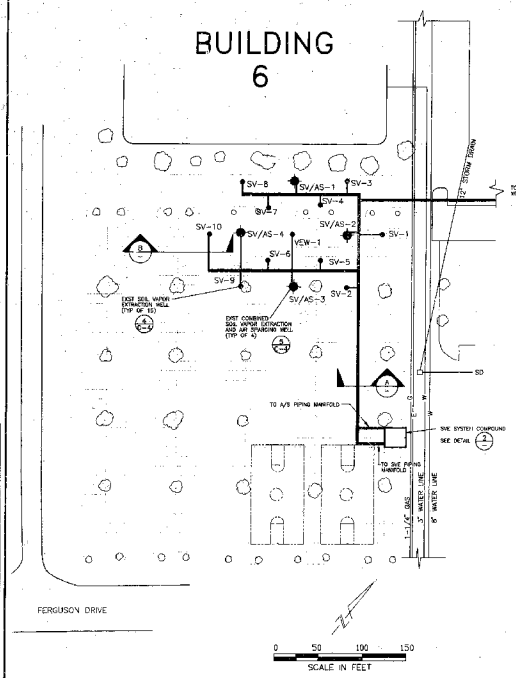
LRS ASSOCIATES
ARCHITECTURE AND PLANNING

DATE
PROJECT NO.
SCALE
DRAWN
SHEET
A-5
OF

30X

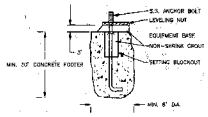

PARTIAL FLOOR PLAN
1/8" 1
PARTIAL REFLECTED CEILING PLAN
1/8"
GTE — BUILDING 7
FITNESS CENTER
5219-0009
100 FERGUSON
MOUNTAIN VIEW, CA
LRS ASSOCIATES
ARCHITECTURE AND PLANNING
E-1

30X



SITE PLAN

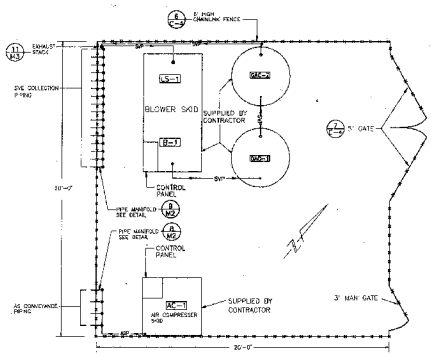
SCALE 1"=50'



EQUIPMENT MOUNTING ANCHOR BOLT DETAIL

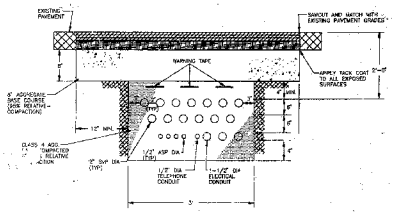
NTS

NOTE: VERIFY ANCHOR BOLT SIZE AND MOUNTING REQUIREMENTS W/EQUIPMENT MANUFACTURER



EQUIPMENT LAYOUT PLAN

SCALE 1"=3'

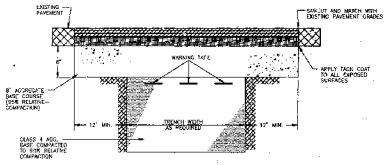


TRENCH SECTION

NTS

NOTES:

1. TRENCH WIDTH VARIES WITH NUMBER OF PIPES IN TRENCH.
2. EACH PIPE SHALL BE IDENTIFIED (LABELED) BY WELL NUMBER EVERY 20 FEET.



TYPICAL PAVEMENT REPAIR FOR TRENCHES

NTS

NOTES:

1. MATCH EXISTING GRADE
2. TRENCH WIDTH VARIES WITH NUMBER OF PIPES IN TRENCH.
3. EACH PIPE SHALL BE IDENTIFIED (LABELED) BY WELL NUMBER EVERY 20 FEET.

NOTES:

1. ALL SKIDS AND CARBON VESSELS SHALL BE ANCHORED TO RESIST SEISMIC FORCES AND OVERTURNING MOMENTS (SEE DETAIL 3)
2. ADEQUATE ACCESS (3' MIN.) SPACE SHALL BE MAINTAINED BETWEEN EQUIPMENT FOR REGULAR OPERATIONS AND MAINTENANCE.
3. INTERCONNECTING PIPING IS SHOWN ISOMETRICALLY ON DETAIL

APPROVED FOR CONSTRUCTION
DEC 29 1994
CITY OF MOUNTAIN VIEW, CALIF.
FES

REV	DESCRIPTION OF REVISION	BY	DATE
1	ISSUED FOR CONSTRUCTION	RET	11/30/94

SOIL VAPOR EXTRACTION SYSTEM
GTE
GTE GOVERNMENT SYSTEMS
100 FERGUSON DRIVE
MOUNTAIN VIEW, CALIFORNIA

Woodward-Clyde Consultants
Engineering & science applied to the earth & its environment
55 South Market Street, Suite 1650
San Jose, California

WARNING
0 1 2 3
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

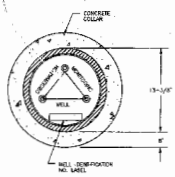
DESIGNED RSJ
DRAWN E.G.
CHECKED A.M.
PEER REVIEWED
PROJECT MANAGER
DATE 11/30/94

CIVIL

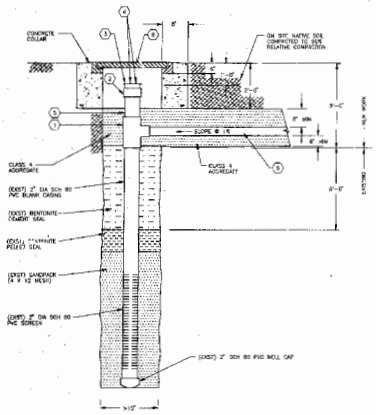
EQUIPMENT LAYOUT AND DETAILS

REVISION 1
PROJECT 94114119A
DRAWING C-3
SHEET 7 OF 16

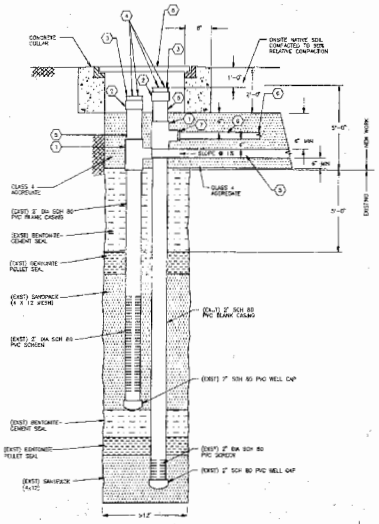
MATERIALS FOR SOIL VAPOR EXTRACTION WELLS	
ITEM	
1	2" X 2" X 2" SCH 80 PVC TEE (SOC)
2	2" SCH 80 PVC PIPE ADAPTOR (SOC X FPT)
3	2" SCH 80 PVC MPT PLUG
4	1/4" PIPE THREAD, PLASTIC QUICK-DISCONNECT SAMPLING PORT, McMASTER-CARR #5012K31 OR EQUIVALENT.
5	2" DIA SCH 80 PVC SVE LINE
6	1/2" DIA SCH 40 OSP AIR SUPPLY LINE
7	2" x 1/2" SCH 80 PVC REDUCING BUSHING (SPIG x FPT)
8	12" DIAMETER, CAST IRON MANHOLE AND RING, UNIVERSAL # 65-1212 OR EQUIVALENT (PROVIDED BY CONTRACTOR).



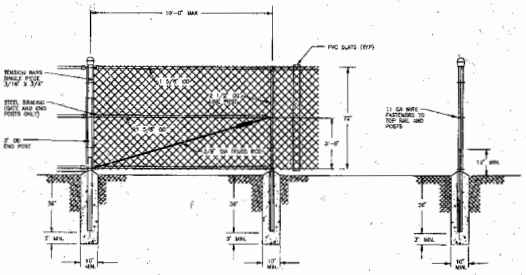
PLAN VIEW



DETAIL – SOIL VAPOR EXTRACTION WELL
NTS



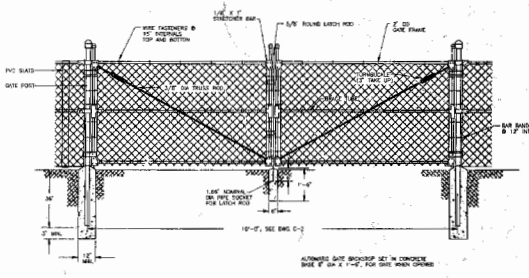
DETAIL – SVE/AS WELL
NTS



NOTES

1. INSTALLATION SHALL INCLUDE ALL HARDWARE AND PLUNGING ROD MATERIAL FOR CENTER LATCH.
2. FENCE DETAILS SHOWN FOR SCHEMATIC PURPOSES ONLY. TECHNICAL SPECIFICATIONS SHALL GOVERN.

LINE FENCING DETAIL
NTS



AUTOMATIC GATE BACKSTOP SET IN CONCRETE BASE 6" DIA X 1'-6", FOR GATE WHEN OPENED

NOTES

1. INSTALLATION SHALL INCLUDE ALL HARDWARE AND PLUNGING ROD MATERIAL FOR CENTER LATCH.
2. FENCE DETAILS SHOWN FOR SCHEMATIC PURPOSES ONLY. TECHNICAL SPECIFICATIONS SHALL GOVERN.

SWING GATE DETAIL
NTS

APPROVED FOR CONSTRUCTION
DEC 19 1994
CITY OF MOUNTAIN VIEW, CALIF.
PCD

REV	DESCRIPTION OF REVISION	BY	DATE
1	ISSUED FOR CONSTRUCTION	REJ	11/30/94

SOIL VAPOR EXTRACTION SYSTEM
GTE
GTE GOVERNMENT SYSTEMS
100 FERGUSON DRIVE
MOUNTAIN VIEW, CALIFORNIA

Woodward-Clyde Consultants
Engineering & Scientific Consultants to the earth & its environment
50 South Market Street, Suite 1050
San Jose, California

WARNING: IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

DESIGNED REJ
DRAWN E.G.
CHECKED A/A
PEER REVIEW
PROJECT MANAGER
DATE 11/03/94

CIVIL

DETAILS – SITE WORK

REVISION 1
PROJECT 94114118A
DRAWING C-4
SHEET 8 OF 16

PIPE AND FITTING SYMBOLS

DOUBLE LINE	SINGLE LINE	DESCRIPTION
		PIPE
		WELDED (SOLVENT WELDED) JOINT
		THREADED JOINT
		GROOVED END JOINT
		FLANGED JOINT
		MECHANICAL JOINT
		BELL & SPIGOT JOINT (LEADED)
		HUB & SPIGOT JOINT (RUBBER GASKET)
		FLANGED COUPLING ADAPTER
		GROOVED END ADAPTER
		FLEXIBLE COUPLING
		FLEXIBLE COUPLING WITH THRUST TIE
		STEEL BELLOWS EXPANSION JOINT
		ELASTOMER BELLOWS EXPANSION JOINTS
		ELBOW, 90 DEGREE
		CROSS
		TEE
		ELBOW, 45 DEGREE
		WYE
		ELBOW UP
		ELBOW DOWN
		TEE UP
		TEE DOWN
		WYE UP
		WYE DOWN
		CONCENTRIC REDUCER
		ECCENTRIC REDUCER
		UNION
		COUPLING
		CAP
		ANCHOR

NOTES:

1. NOT ALL SYMBOLS SHOWN ON THIS DRAWING APPEAR IN THIS SET OF DRAWINGS.
2. IF SYMBOLS USED ON OTHER DRAWINGS ARE NOT IDENTIFIED ON THIS DRAWING, CONTACT THE ENGINEER.
3. NOTES ON INDIVIDUAL DRAWINGS RELATIVE TO SYMBOLS' IDENTIFICATION TAKE PRECEDENCE OVER SYMBOLS ON THIS DRAWING.
4. ONLY FLANGED END CONNECTIONS ARE SHOWN HERE FOR DOUBLE LINE FITTINGS. FITTINGS WITH OTHER END PATTERNS ARE SHOWN SIMILARLY ON THE DRAWINGS.
5. VALVE SYMBOL DESIGNATIONS APPEAR UNDER PROCESS AND INSTRUMENTATION SYMBOLS.

MISCELLANEOUS PIPING SYMBOLS

	FLEXIBLE COUPLING		CROSSOVER
F	FLUSHING CONNECTION		QUICK DISCONNECT
	PIG INSERTION FITTING	RO	
	PIG COLLECTION FITTING		RESTRICTION ORIFICE
	SIGHT FLOW INDICATOR		SEAL LOOP
	WYE STRAINER		ATMOSPHERIC VENT
	CHEMICAL INJECTION POINT		
	FLEXIBLE CONNECTOR		PIPING SPECIFICATION CHANGE
	GROOVED COUPLING		
	CONCENTRIC REDUCER (SIZES SHOWN)		PAID DRAWING CONTINUATION REFERENCE
OR	ECCENTRIC REDUCER		
	HOSE RACK		ATMOSPHERIC VENT + SCREEN IF APPLICABLE
	FLOOR DRAIN		
CO	CLEANOUT		MANUAL HYDRO TEST DRAIN
B	BELL		
S	SPIGOT		WATER HAMMER ARRESTER
FLG	FLANGE		
PE	PLAIN END		EXHAUST HEAD
GE	GROOVED END		SPRAY NOZZLE
MJ	MECHANICAL JOINT	A/S	AIR SUPPLY
	THRUST BLOCK		FURNISHED WITH EQUIPMENT
	ENTITIES (E.G., PIPELINE) CONNECT		FLUSHING CONNECTION
	ENTITIES (E.G., PIPELINE) CROSS-NO CONNECT		LINE FILTER (SIMPLEX)
	NEW TO EXISTING CONNECTION		LINE FILTER (DUPLEX)
	DIRECTION OF FLOW		
	RUBBER EXPANSION JOINT		VENTURI TUBE OR FLOW NOZZLE
	NONFREEZE HOSE BIBB	L	LUBRICATOR
	BACK FLOW PREVENTOR	F	FILTER
		AF	AIR FILTER
		OF	OIL FILTER
		AD	AIR DRYER

APPROVED FOR CONSTRUCTION DEC 09 1994 City of Mountain View, Calif.

REV	DESCRIPTION OF REVISION	BY	DATE
1	ISSUED FOR CONSTRUCTION	REJ	11/30/94

SOIL VAPOR EXTRACTION SYSTEM
GTE
GTE GOVERNMENT SYSTEMS
100 FERGUSON DRIVE
MOUNTAIN VIEW, CALIFORNIA

Woodward-Clyde Consultants
Exploring & solving global to the earth's environment
55 South Market Street, Suite 1450
San Jose, California

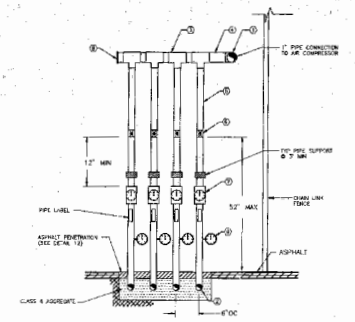
WARNING: IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

DESIGNED REJ
DRAWN E.G.
CHECKED AJA
PEER REVIEWED
PROJECT MANAGER
DATE 11/30/94

MECHANICAL

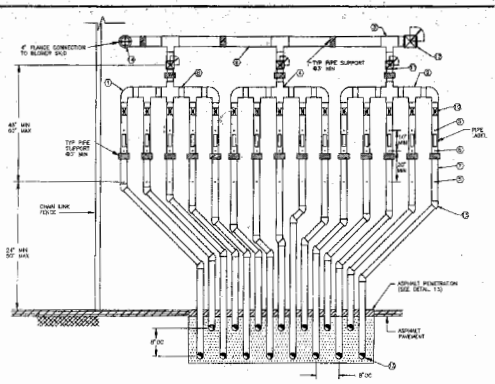
MECHANICAL AND PIPING SYMBOLS

REVISION 1
PROJECT 941141NA
DRAWING M-1
SHEET 9 OF 16



AIR SUPPLY PIPING MANIFOLD DETAIL

NTS



SVE PIPING MANIFOLD DETAIL

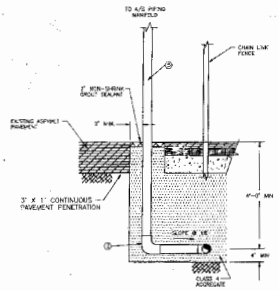
NTS

SCHEDULE OF SVE PIPING MANIFOLD

ITEM	DESCRIPTION
1	3" X 2" REDUCING ELBOW (SOC)
2	3" X 3" X 2" SCH 80 PVC TEE (SOC)
3	4" X 4" X 3" SCH 80 PVC TEE (SOC)
4	3" X 3" X 3" X 3" SCH 80 PVC CROSS (SOC)
5	1/4" PIPE THREAD, PLASTIC QUICK-DISCONNECT SAMPLING PORT, McMASTER-CARR #5012K31 OR EQUIVALENT
6	1/2" SCH 80 PVC MPT PLUG
7	2" SCH 80 PVC SVE LINE
8	3" SCH 80 PVC SVE LINE
9	4" SCH 80 PVC SVE LINE
10	2" PVC TRUE UNION BALL VALVE
11	3" SCH 80 BUTTERFLY VALVE
12	4" SCH 80 BUTTERFLY VALVE
13	2" SCH 80 PVC ELBOW
14	4" SCH 80 PVC ELBOW
15	2" SCH 80 PVC 45° BELOW

SCHEDULE OF AIR SUPPLY PIPING MANIFOLD

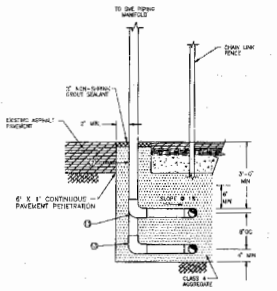
ITEM	DESCRIPTION
1	1" SCH 40 GSP ELBOW (FPT)
2	1/2" SCH 40 GSP ELBOW (FPT)
3	1" X 1" X 1/2" SCH 40 GSP TEE (NPT)
4	1" DIA SCH 40 GSP (NPT)
5	1/2" DIA SCH 40 GSP (NPT)
6	1/2" TRUE UNION GLOBE VALVE
7	1/2" FLOW INDICATOR (ROM INDUSTRIES 1/2"-7.1 VOR-30-AC)
8	1" SCH 40 GSP MPT PLUG
9	PRESSURE GAUGE (DWYER INSTRUMENTS MODEL 7100-G060)



ASPHALT PENETRATION DETAIL

NTS

NOTE:
1. SUBCONTRACTOR SHALL VERIFY LOCATION OF MANIFOLD AREA BEFORE INSTALLING AIR SUPPLY PIPING.



ASPHALT PENETRATION DETAIL

NTS

NOTE:
1. SUBCONTRACTOR SHALL VERIFY LOCATION OF MANIFOLD AREA BEFORE INSTALLING SVE COLLECTION PIPING.
2. SLOPE COLLECTION PIPING @ 1% TO EXTRACTION WELLS.

APPROVED FOR CONSTRUCTION
DEC 09 1994
CITY OF MOUNTAIN VIEW, CALIF.
FILE

REV	DESCRIPTION OF REVISION	BY	DATE
1	ISSUED FOR CONSTRUCTION	REJ	11/30/94

SOIL VAPOR EXTRACTION SYSTEM
GTE GOVERNMENT SYSTEMS
100 FERGUSON DRIVE
MOUNTAIN VIEW, CALIFORNIA

Woodward-Clyde Consultants
Engineering & science design to the 21st & for a change
55 Stockton Market Street, Suite 1600
San Jose, California

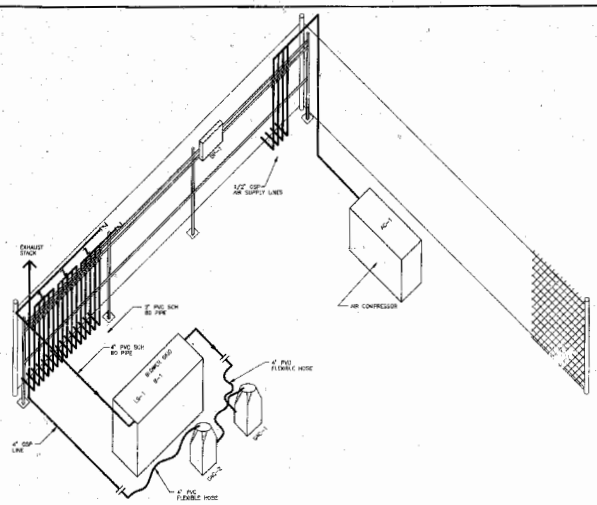
WARNING: IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

DESIGNED REJ
DRAWN E.G.
CHECKED AJA
PLOT SCALE 1:1
PLOT DATE 11/30/94

MECHANICAL

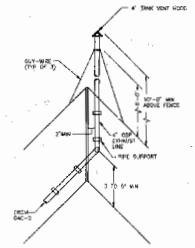
PIPING DETAILS

REVISION 1
PROJECT 94114114A
DRAWING M-2
SHEET 10 OF 16



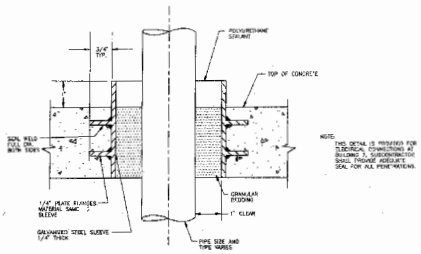
PIPING ISOMETRICS

NTS



DETAIL OUTLET STACK

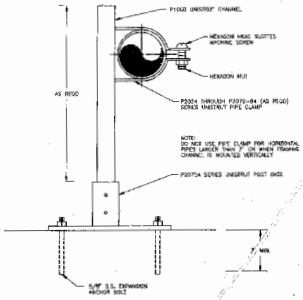
NTS



NOTE:
THIS DETAIL IS PROVIDED FOR ELECTRICAL CONDUITRUNS AT BUILDING 3. SUBCONTRACTOR SHALL PROVIDE ADEQUATE SEAL FOR ALL PENETRATIONS.

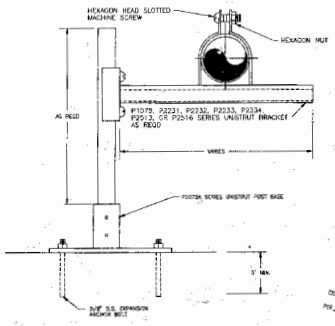
FLOOR SLEEVE DETAIL

NTS



VERTICAL ADJUSTABLE PIPE SUPPORT DETAIL

NTS



HORIZONTAL ADJUSTABLE PIPE SUPPORT DETAIL

NTS

APPROVED FOR CONSTRUCTION
DEC 19 1994
CITY OF MOUNTAIN VIEW, CALIF.
PER

REV	DESCRIPTION OF REVISION	BY	DATE
0	ISSUED FOR CONSTRUCTION	REJ	11/30/94

SOIL VAPOR EXTRACTION SYSTEM
GTE
GTE GOVERNMENT SYSTEMS
100 FERGUSON DRIVE
MOUNTAIN VIEW, CALIFORNIA

Woodward-Clyde Consultants
Improving a solution spread to the north is desired
65 South Market Street, Suite 1050
San Jose, California

WARNING
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

DESIGNED REJ
DRAWN E.G.
CHECKED AJA
REV REVIEW
PROJECT MANAGER
DATE 11/30/94

MECHANICAL

PIPING ISOMETRICS & GENERAL DETAILS

REVISION 0
PROJECT 941141NA
DRAWING M-3
SHEET 11 OF 18

IDENTIFICATION LETTERS

	FIRST – LETTER		SUCCEEDING – LETTERS		
	MEASURED OR INITIATING VARIABLE	MODIFIER	READOUT OR PASSIVE FUNCTION	OUTPUT FUNCTION	MODIFIER
A	ANALYSIS		ALARM/AUTO		
B	BURNER, COMBUSTION		USER'S CHOISE	USER'S CHOICE	USER'S CHOICE
C	USER'S CHOISE			CONTROL	CLOSED
D	USER'S CHOISE	DIFFERENTIAL		DIALER	
E	VOLTAGE		SENSOR (PRIMARY ELEMENT)		
F	FLOW RATE	RATIO (FRACTION)			
G	USER'S CHOICE		GLASS, VIEWING DEVICE		
H	HAND				HIGH
I	CURRENT (ELECTRICAL)		INDICATE		
J	POWER	SCAN			
K	TIME, TIME SCHEDULE	TIME RATE OF CHANGE		CONTROL STATION	
L	LEVEL		LIGHT		LOW
M	USER'S CHOICE	MOMENTARY			MIDDLE INTERMIDIATE
N	TORQUE		USER'S CHOICE	USER'S CHOICE	USER'S CHOICE
O	USER'S CHOICE		ORIFICE, RESTRICTION		OPEN
P	PRESSURE, VACUUM		POINT (TEST) CONNECTION		
Q	QUANTITY	INTEGRATE, TOTALIZE			
R	RADIATION		RECORD		
S	SPEED, FREQUENCY	SAFETY		SWITCH	
T	TEMPERATURE	TELEPHONE		TRANSMIT	
U	MULTIVARIABLE		MULTIFUNCTION	MULTIFUNCTION	MULTIFUNCTION
V	VIBRATION, MECHANICAL			VALVE, DAMPER LOUVER	
W	WEIGHT, FORCE		WELL		
X	UNCLASSIFIED	X AXIS	UNCLASSIFIED	UNCLASSIFIED	UNCLASSIFIED
Y	EVENT, STATE OR PRESENCE	Y AXIS		RELAY, COMPUTE, CONVERT	
Z	POSITION, DIMENSION	Z AXIS		DRIVER, ACTUATOR, UNCLASSIFIED FINAL CONTROL ELEMENT	

INSTRUMENT OR FUNCTION SYMBOLS

	PRIMARY LOCATION NORMALLY ACCESSIBLE TO OPERATOR	PRIMARY LOCATION NORMALLY INACCESSIBLE TO OPERATOR	FIELD MOUNTED	AUXILIARY LOCATION NORMALLY ACCESSIBLE TO OPERATOR	AUXILIARY LOCATION NORMALLY INACCESSIBLE TO OPERATOR
DISCRETE INSTRUMENTS	XXX 000	XXX 000	XXX 000	XXX 000	XXX 000

NOTES:

1. NOT ALL SYMBOLS ON THIS DRAWING APPEAR IN THIS SET OF DRAWINGS.
2. IF SYMBOLS USED ON OTHER DRAWINGS ARE NOT IDENTIFIED ON THIS DRAWING, CONTACT THE ENGINEER.
3. NOTES ON INDIVIDUAL DRAWINGS RELATIVE TO SYMBOLS OR LEGENDS IDENTIFICATION TAKE PRECEDENCE OVER SYMBOLS OR LEGENDS ON THIS DRAWING.

ABBREVIATIONS

A	AMPERE(S)
AC	ALTERNATING CURRENT
AF	AMP FRAME
AI	ANALOG IN
AIC	AMPERES INTERRUPTING CURRENT
AM	AMMETER
AO	ANALOG OUT
AS	AMMETER SWITCH
A/D	AIR SUPPLY
ASU	AIR SUPPLY UNIT
ATS	AUTOMATIC TRANSFER SWITCH
AUTO	AUTOMATIC
AUX	AUXILIARY
AWG	AMERICAN WIRE GAUGE
BC	BARE COPPER
C	CONTACTOR
4"C	4" CONDUIT (TYP)
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CPT	CONTROL POWER TRANSFORMER
CR	CONTROL RELAY
CRS	COATED RIGID STEEL CONDUIT
CT	CURRENT TRANSFORMER
DC	DIRECT CURRENT
DCPS	DIRECT CURRENT POWER SUPPLY
DI	DISCRETE IN
DIV	DIVISION
DO	DISCRETE OUT
EF	EXHAUST FAN
EL	ELEVATION
EMT	ELECTRICAL METALLIC TUBING
EP	EXPLOSION PROOF
ETM	ELAPSED TIME METER
EXIST	EXISTING
F	FORWARD
FDR	FEEDER
F/U	FUSE
G	GROUND, GREEN
#6G	#6 GROUND WIRE
GFI	GROUND FAULT INTERRUPTER
GND	GROUND
HOA	HAND–OFF–AUTOMATIC
HP	HORSEPOWER
HPS	HIGH PRESSURE SODIUM
HS	HAND SWITCH
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
HZ	HERTZ (CYCLES PER SECOND)
INST	INSTANTANEOUS
ITB	INTERMEDIATE TERMINAL BOX
KV	KILOVOLT
KVA	KILOVOLT AMPERE(S)
KW	KILOWATT(S)
LP	LIGHTING PANEL
LPS	LOW PRESSURE SODIUM
LR	LATCHING RELAY
LS	LIMIT SWITCH
M	MOTOR STARTER COIL OR CYCLE TIMER MOTOR
M	MAGNETIC MOTOR STARTER
MAU	MAKE-UP AIR UNIT
MCC	MOTOR CONTROL CENTER
MCCB	MULTI-CASE CIRCUIT BREAKER
MCM	THOUSAND CIRCULAR MILS(K)
MT, MTD.	MOUNT, MOUNTED
MIN	MINUTE OR MINUTES
MUX	MULTIPLEXER
NC	NORMALLY CLOSED
NEUT	NEUTRAL
NO	NORMALLY OPEN
NP	NAME PLATE
NPT	NATIONAL PIPE THREAD
NTS	NOT TO SCALE
OC	ON – OFF
OL	OVERLOAD
PB	PULL BOX
PC	PUMP CONTROLLER OR PHOTO CELL
PCV	PLUG CONTROL VALVE
PG&E	PACIFIC GAS & ELECTRIC COMPANY
PH	PHASE
#P	PHASE
PID	PROPORTIONAL INTEGRAL DERIVATIVE OR PUMP LEVEL CONTROLLER
PLC	PROCESS AND INSTRUMENTATION DIAGRAM
PNL	PANEL
PSIA	POUNDS PER SQUARE INCH ABSOLUTE
PSIG	POUNDS PER SQUARE INCH GAUGE
PT	POTENTIAL TRANSFORMER
PVC	POLYVINYL CHLORIDE
R	RED OR REVERSE
RECEPT	RECEPTACLE
REV	REVERSE
RGS	RIGID GALVANIZED STEEL
RPM	REVOLUTIONS PER MINUTE
RTD	RESISTANCE TEMPERATURE DETECTOR
RTM	RUNNING TIMER METER
RY	RELAY
SSTU	SOLID STATE TRIP UNIT
SWBD	SWITCHBOARD
SW	SWITCH
SV	SOLENOID VALVE
SS	START–STOP
T	TELEPHONE, THERMOSTAT
TB	TERMINAL BOX
TDR	TIME DELAY RELAY
THIN	INSULATION CLASS
THHW	INSULATION CLASS
TYP	TYPICAL
UPS	UNINTERRUPTIBLE POWER SYSTEM
UG	UNDERGROUND
V	VOLT(S)
VAC	VOLT ALTERNATING CURRENT
VFD	VARIABLE FREQUENCY DRIVE
VM	VOLT METER
VS	VOLTMETER SWITCH
W	WATT(S), WASTE, WIRE
WHM	WATTHOUR METER
WM	WATT METER
WP	WEATHERPROOF
XFMR	TRANSFORMER
2/C#10S	SHIELDED PAIR OF 10 AWG CONDUCTORS
10/C#12	CABLE OF 10 12 AWG CONDUCTORS

NEMA IDENTIFICATION COLOR CODE FOR CONTROL CABLES

ABBREVIATION	BASE	TRACER
blk	BLACK	
r	RED	
bu	BLUE	
o	ORANGE	
y	YELLOW	
br rbr	BROWN RED	BLACK
bu/bk	BLUE	BLACK
o/bk	ORANGE	BLACK
y/bk	YELLOW	BLACK
br/bk	BROWN	BLA
bk/r	BLACK	RED
bu/r	BLUE	RED
or	ORANGE	RED
yr	YELLOW	RED
brr	BROWN	RED
cbr	CLEAR	

ELECTRICAL LEGEND

- FS — FLOW SWITCH NORMALLY CLOSED
- FS — FLOW SWITH NORMALLY OPEN
- STOP — PUSHBUTTON NORMALLY CLOSED
- START — PUSHBUTTON NORMALLY OPEN
- HAND AUTO — 3 POSITION SELECTOR SWITCH
- LS — LIMIT SWITCH NORMALLY CLOSED
- LS — LIMIT SWITCH NORMALLY OPEN
- LS — LIMIT SWITCH NORMALLY OPEN HELD CLOSED
- LS — LIMIT SWITCH NORMALLY CLOSED HELD OPEN
- TD — TIMED CONTACT, DELAY ON ENERGIZATION, TIMED CLOSING
- TD — TIMED CONTACT, DELAY ON ENERGIZATION, TIMED OPENING
- TD — TIMED CONTACT, DELAY ON DE-ENERGIZATION, TIMED CLOSING
- TD — TIMED CONTACT, DELAY ON DE-ENERGIZATION, TIMED OPENING
- LS — LEVEL SWITCH NORMALLY CLOSED
- LS — LEVEL SWITCH NORMALLY OPEN
- PS — PRESSURE SWITCH NORMALLY CLOSED
- PS — PRESSURE SWITCH NORMALLY OPEN
- TS — TEMPERATURE SWITCH NORMALLY CLOSED
- TS — TEMPERATURE SWITCH NORMALLY OPEN
- DS — NORMALLY OPEN SPEED SWITCH
- VSH — VIBRATION SWITCH NORMALLY OPEN
- VSH — VIBRATION SWITCH NORMALLY CLOSED
- PSD — PRESSURE DIFFERENTIAL SWITCH NORMALLY OPEN
- OL — OVERLOAD
- OL — OVERLOAD
- SHIELDED CABLE
- X — OPERATING COIL
- TD 0 SEC TD — TIME DELAY RELAY
- SV — SOLENOID
- L — POWER LOAD
- M OL — MOTOR STARTER WITH THR E OVERLOAD RELAYS
- HEATER
- NORMALLY OPEN RELAY OR UNSPECIFIED CONTACT
- NORMALLY CLOSED RELAY OR UNSPECIFIED CONTACT
- CAPACITOR
- R — PILOT LIGHT
- R — ILLUMINATED PUSHBUTTON
- CONTROL TRANSFORMER
- CONTROLLED RECTIFIER OR INVERTER
- FUSE
- 3P–20 — CIRCUIT BREAKER
- S2 — STARTER, SIZE 2, FULL VOLTAGE, NON REVERSING, CIRCUIT BREAKER COMBINATION
- S2 FWR — STARTER, SIZE 2, FULL VOLTAGE, REVERSING OR TWO-SPEED, CIRCUIT BREAKER COMBINATION
- S4 RVAT — STARTER, SIZE 4, REDUCED VOLTAGE AUTOTRANSFORMER TYPE, CIRCUIT BREAKER COMBINATION
- S2 — STARTER SIZE 2, REDUCED VOLTAGE SOLID STATE, CIRCUIT BREAKER COMBINATION
- PRESS TO TEST INDICATING LIGHT (LETTER INDICATES COLOR) A–AMBER, B–BLUE, C – CLEAR, G – GREEN, R–RED, W – WHITE
- 3P–400 / 400 A — FUSED DISCONNECT SWITCH
- HIGH VOLTAGE FUSE
- LIGHTNING ARRESTOR
- HP — MOTOR
- J — JUNCTION BOX
- KVA PRI SEC — TRANSFORMER
- FIRE ALARM BELL
- THERMOSTAT
- FIRE MANUAL PULL STATION
- CONNECTION
- GROUND
- LA-2 — HOME RUN (PANEL AND CIRCUIT SHOWN)
- 2 — CONTACTOR, MAGNETIC NEMA SIZE INDICATED
- 2 — STARTER, MAGNETIC NEMA SIZE INDICATED
- 2 — COMBINATION FUSE OR BREAKER MAGNETIC STARTER, NEMA SIZE INDICATED
- 20 — COMBINATION FUSE OR BREAKER MAGNETIC STARTER, NEMA SIZE
- F 30/15 — FUSED DISCONNECT SWITCH (SWITCH RATING AND FUSE RATING SHOWN)
- M — NUMA SERVICE METERING (200amp MAX)
- CT — CT SERVICE METERING
- DUPLEX — CONVENIENCE DUPLEX RECEPTACLE MOUNTED IN OUTLET BOX WITH CONDIT
- S — WALL TOGGLE SWITCH (LETTER INDICATES FIXTURES SWITCHED)
- FLUORESCENT LIGHTING FIXTURE (SEE FIXTURE SCHEDULE)
- WALL MOUNTED LUMINAIRE (SEE FIXTURE SCHEDULE)

ISSUED FOR CONSTRUCTION

REV	DESCRIPTION OF REVISION	BY	DATE
	ISSUED FOR CONSTRUCTION	REJ	11/30/94

SOIL VAPOR EXTRACTION SYSTEM
GTE
GTE GOVERNMENT SYSTEMS
100 FERGUSON DRIVE
MOUNTAIN VIEW, CALIFORNIA

Woodward-Clyde Consultants
Operating & support agent to the earth & de movement
50 South Market Street, Suite 1696
San Jose, California

WARNING
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

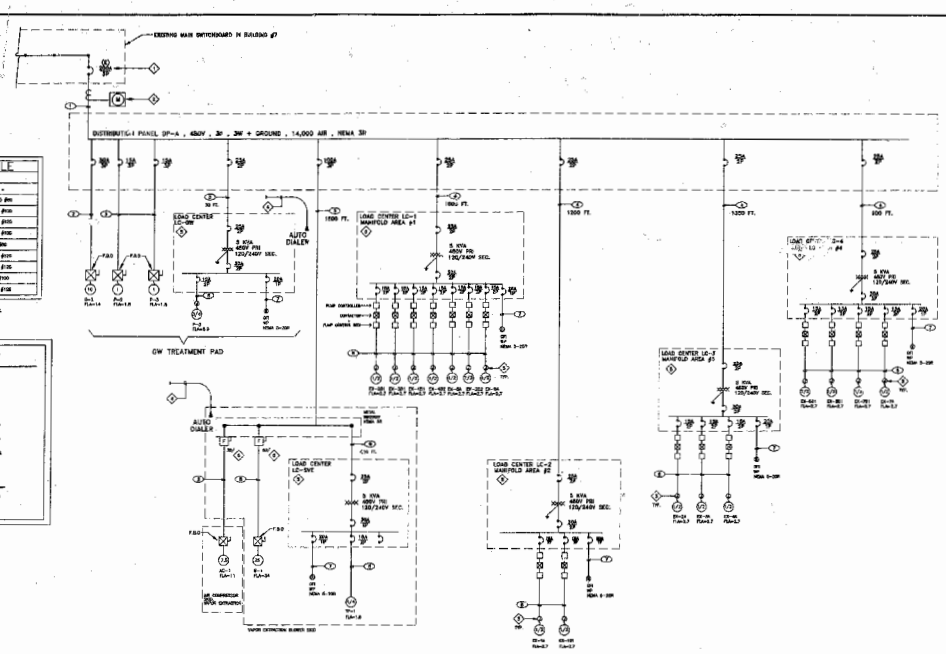
DESIGNED REJ
DRAWN C.G.
CHECKED AJA
PEER REVIEWED
PROJECT MANAGER
DATE 11/30/94

ELECTRICAL

ELECTRICAL AND INSTRUMENTATION SYMBOLS, ABBREVIATIONS, AND LEGEND

REVISION
PROJECT 941161GA
DRAWING E-1
SHEET 12 OF 16

ISSUED FOR CONSTRUCTION
DATE 11/30/94
BY CHIEF OF CONSTRUCTION



FEEDER SCHEDULE

SYMBOL	CONDUIT	CONDUCTOR *
1	(1) 3-INCH	(3) #2/0 & (1) #6
2	(1) 2/0-INCH	(3) #1 & (1) #6
3	(1) 1/0-INCH	(3) #2 & (1) #6
4	(1) 2/0-INCH	(3) #4 & (1) #8
5	(1) 1/0-INCH	(3) #6 & (1) #8
6	(1) 1 1/2-INCH	(3) #4 & (1) #8
7	(1) 2/0-INCH	(3) #4 & (1) #8
8	(1) 1/0-INCH	(3) #6 & (1) #8
9	(1) 2/0-INCH	(3) #4 & (1) #8
10	(1) 1/0-INCH	(3) #6 & (1) #8

* ALL CONDUCTORS SHALL BE COPPER, 90°C, 75/MIN.

LOAD SUMMARY

LOAD CENTERS

2 @ 5KVA @ 480V, 3Ø = 42A

MOTORS

1 @ 25 H.P @ 480V, 3Ø = 34A

1 @ 10 H.P @ 480V, 3Ø = 14A

1 @ 7.5 H.P @ 480V, 3Ø = 11A

2 @ 1 H.P @ 480V, 3Ø = 4A

25% OF LARGEST MOTOR = 8A

TOTAL = 114A

1. PROVIDE 2-1/2" CONDUIT BACK TO BUILDING #7 FOR CONNECTION OF AUTO-DIALER TO BUILDING PHONE LINES. COORDINATE POINT OF CONNECTION WITH BUILDING MANAGER. COORDINATE WIRING REQUIREMENTS WITH AUTO-DIALER VENDOR/OWNER.
2. MINI-POWER CENTER IN NEMA 3R ENCLOSURE. TRANSFORMER SHALL BE SINGLE PHASE UNITS. 5KVA, 60Hz, 480V PRIMARY AND A 120/240V SECONDARY. PANELS SHALL BE 12-PLUG MIN BRANCH CIRCUIT BREAKERS AS INDICATED. CONNECT PRIMARY CONDUCTORS TO 5% BELOW NORMAL TAP.
3. COORDINATE FUSE TYPE AND SIZE WITH MOTOR NAMEPLATE DATA.

NUMBERED NOTES

1. EXISTING INSULATED CASE CIRCUIT BREAKER WESTINGHOUSE TYPE SPS-100, 480V, 3-POLE 800 AMP FRAME, 65KI SHORT CIRCUIT RATING WITH 3-POLE 800 AMP ELECTRONIC TRIP UNIT & 200 AMP MAXIMUM PLUG.
2. DIGITAL KILOWATT-HOUR METER 480V, 3Ø, 3W, 200 AMP, EKOM CT # ABC200 OR EQUAL.
3. TERMINATE EXTRACTION WELL BRANCH CIRCUIT CONDUIT IN NEMA 3R JUNCTION BOX LOCATED IN WELL BOX. MAKE FINAL CONNECTION TO EXTRACTION WELL PUMP AT THIS POINT.

SHEET NOTES

4. REFER TO CIVIL DRAWINGS FOR OVERALL SITE PLAN, CONDUIT ROUTING, TRENCH DETAILS, AND EQUIPMENT LOCATIONS.
5. ALL CONDUIT ROUTED UNDERGROUND SHALL BE SCHEDULE 40 PVC RGUD WITH RGSD GALVANIZED STEEL ELBOWS AND RGSD STEEL CONDUIT WHEN STUBBING ABOVE GRADE. ROUTE CONDUIT IN PIPING TRENCH @ 3 FEET MINIMUM BELOW GRADE.
6. PROVIDE PULLBOX IN UNDERGROUND CONDUIT RUNS WHICH EXCEED THREE 90 DEGREES BENDS, SIZE (3) OR 4X AS REQUIRED BY PIPING TRENCH LAYOUT OR EXISTING CONDITIONS.

CUPERTINO ELECTRIC
714 E. EVELYN AVE.
SUNNYVALE, CA.
(408)991-1000
C-10 LIC.NO. 174037

APPROVED FOR CONSTRUCTION
DEC 03 1994
CITY OF MOUNTAIN VIEW, CALIF.
PW

REGISTERED PROFESSIONAL ENGINEER
JOHN T. CORD
ELECTRICAL
STATE OF CALIFORNIA

REV	DESCRIPTION OF REVISION	BY	DATE
1	ISSUED FOR CONSTRUCTION	REJ	11/30/94

SOIL VAPOR EXTRACTION SYSTEM
GTE
GTE GOVERNMENT SYSTEMS
100 FERGUSON DRIVE
MOUNTAIN VIEW, CALIFORNIA

Woodward-Clyde Consultants
Engineering & science applied to the earth & its environment
25 South Market Street, Suite 1630
San Jose, California

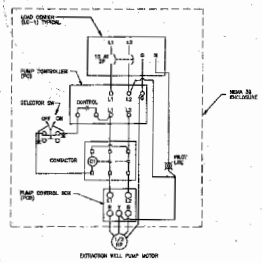
WARNING!
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

DESIGNED REJ
DRAWN E.G.
REVIEWED AJC
PEER REVIEWED
APPROVED
DATE 11/30/94

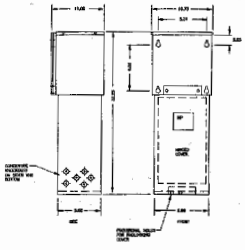
ELECTRICAL

SINGLE LINE DIAGRAM

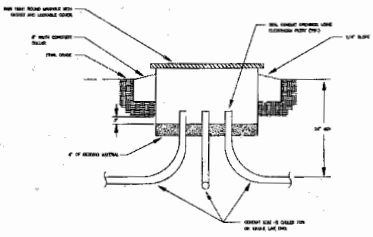
REVISION 1
PROJECT 94114106
DRAWING E-2
SHEET 13 OF 16



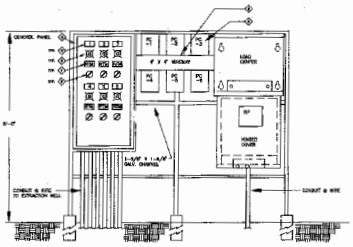
1 E-3 TYPICAL CONNECTION DIAGRAM ALL EXTRACTION WELLS
N.T.S.



2 E-3 SINGLE-PHASE LOAD CENTER
N.T.S.



3 E-3 ELECTRICAL PULL BOX DETAIL
N.T.S.



4 E-3 TYPICAL EXTRACTION WELLS CONTROL SYSTEM
N.T.S.

EQUIPMENT LIST

ITEM	DESCRIPTION
1	[illegible]
2	[illegible]
3	[illegible]
4	[illegible]
5	[illegible]
6	[illegible]
7	[illegible]
8	[illegible]
9	[illegible]
10	[illegible]
11	[illegible]
12	[illegible]

5 E-3 TYPICAL EXTRACTION WELL ELECTRICAL EQUIPMENT LIST
N.T.S.

LOAD CENTER NAMEPLATE SCHEDULE

ITEM	DESCRIPTION
1.	LOAD CENTER 120-1
2.	LOAD CENTER 120-2
3.	LOAD CENTER 120-3
4.	LOAD CENTER 120-4
5.	LOAD CENTER 120-5W
6.	LOAD CENTER 120-6W

6 E-3 LOAD CENTER NAMEPLATE SCHEDULE
N.T.S.

CUPERTINO ELECTRIC
714 E. EVELYN AVE.
SUNNYVALE, CA.
(408)991-1900
C-10 LIC.NO. 174637

APPROVED FOR CONSTRUCTION
DEC/09 1994
CITY OF MOUNTAIN VIEW, CHIEF.
BY

REGISTERED PROFESSIONAL ENGINEER
JOHN J. GUARDINO
ELECTRICAL
STATE OF CALIFORNIA

REV	DESCRIPTION OF REVISION	BY	DATE
0	ISSUED FOR CONSTRUCTION	REJ	11/30/94

SOIL VAPOR EXTRACTION SYSTEM
GTE
GTE GOVERNMENT SYSTEMS
100 FERGUSON DRIVE
MOUNTAIN VIEW, CALIFORNIA

Woodward-Clyde Consultants
Engineering & scientific services to the earth & its environment
95 South Market Street, Suite 1850
San Jose, California

WARNING
0 1 2
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

DESIGNED	REJ
DRAWN	E.G.
CHECKED	JJG
PEER REVIEWED	[illegible]
PROJECT MANAGER	[illegible]
DATE	11/30/94

ELECTRICAL

PANEL LAYOUTS AND DETAILS

REVISION 0
PROJECT 941141NA
DRAWING E-3
SHEET 14 OF 16

PRIMARY ELEMENTS

- FLOWMETER–MAGNETIC TYPE
- FLOWMETER–PITOT STATIC TYPE
- FLOWMETER–PROPELLER TYPE
- FLOWMETER–PADDLE WHEEL TYPE
- FLOWMETER–ORIFICE TYPE
- FLOWMETER–ROTAMETER TYPE
- FLOWMETER–FLOW TUBE
- BUBBLER TUBE
- FLOAT
- DIAPHRAGM BOX
- DENSITY ELEMENT
- FLOW SWITCH
- REDUCER

PUMPS AND COMPRESSORS

- CENTRIFUGAL (DRY PIT) PUMP
- CENTRIFUGAL (WET PIT) PUMP
- SUBMERSIBLE SUMP PUMP
- PISTON PUMP
- DIAPHRAGM PUMP
- PROGRESSING CAVITY PUMP
- GEAR PUMP OR BLOWER (POSITIVE DISPLACEMENT)
- COMPRESSOR (PISTON)
- CENTRIFUGAL BLOWER
- EJECTOR EDUCATOR
- CHEMICAL FEED PUMP
- LOBE PUMP
- EXTRACTION WELL PUMP
- VACUUM BLOWER
- COMPRESSOR (CENTRIFUGAL OR BLOWER)
- AIR COMPRESSOR

VALVES

- BUTTERFLY
- GATE
- CHECK VALVE (WAFER WITH SPRING)
- BALL VALVE
- 3–WAY
- GLOBE
- DIAPHRAGM
- PLUG
- SAFETY
- FOOT
- FLOW LIMITING (OR EXCESS FLOW) CHECK VALVE
- SOLENOID
- 3–WAY PLUG
- VEE–BALL
- PRESSURE RELIEF
- ANGLE
- AIR RELEASE
- COMBINATION AIR & VACUUM RELEASE
- PRESSURE REGULATOR
- BALL CHECK
- BALL CHECK (SPRING LOADED)
- CONE
- FLOAT
- SAMPLE
- NEEDLE
- PINCH
- KNIFE GATE
- FABRICATED SLIDE GATE
- FABRICATED GATE WITH HANDWHEEL
- SLUICE GATE
- BUTTERFLY GATE
- FLAP GATE
- SHEAR GATE
- PLUG DRAIN
- REDUCED PRESSURE BACKFLOW PREVENTOR

LINE LEGEND

- MAIN PROCESS LINE
- SECONDARY PROCESS LINE
- PNEUMATIC SIGNAL
- INTERNAL DATA LINK
- FILLED SYSTEMS (CAPILLARY)
- HYDRAULIC SYSTEM SIGNAL
- BUILDING OR FACILITY BOUNDARY
- INSTRUMENT TABLE
- ELECTRICAL CONTROL SIGNAL
- CONNECTING / NON–CONNECTING LINES

MISCELLANEOUS SYMBOLS

- SIGHT GLASS
- PURGE SET (X=W FOR WATER, X=A FOR AIR
- SELF CONTAINED AIR SUPPLY
- AIR SET (XX=SUPPLY PRESSURE–PSIG)
- RUPTURE DISK
- WYE STRAINER
- ANNULAR DIAPHRAGM SEAL
- DIAPHRAGM SEAL
- 120 V. — 60 HZ POWER SUPPLY POINT, VOLTAGE INDICATED
- DC — DC POWER SUPPLY POINT
- INTERLOCK (REFER TO CONTROL DIAGRAMS)
- BLIND–FLANGE
- AIR GAP
- CHEMICAL INJECTION POINT
- RESTRICTION ORIFICE
- MOTOR DRIVEN EQUIPMENT WITHOUT OTHER SYMBOL
- MIXER, AGITATOR, OR FAN
- REFER TO SHEET NUMBER INSIDE THE SYMBOL SAME PROCESS DESIGNATION
- W= PROCESS LETTER X= STREAM LETTER
- SIGNAL INTERFACE DESIGNATION W= PROCESS LETTER Y= LOOP NUMBER
- SIGNAL INTERFACE DESIGNATION W= PROCESS LETTER Y= LOOP NUMBER X= NUMBER OF ITEMS OF EQUIPMENT (USED WHEN MORE THAN ONE ITEM IS INCLUDED IN THE LOOP)
- PIG LAUNCH POINT
- AIR FILTER
- AIR DRYER
- FLEXIBLE COUPLING
- QUICK DISCONNECT
- FLANGE CONNECTION
- BLIND FLAGE
- FLEXIBLE HOSE
- REQUIRES MECHANICAL CONNECTION BETWEEN FIELD PIPING AND CONTRACTOR FURNISHED EQUIPMENT SKID
- REQUIRES ELECTRICAL CONNECTION

ACTUATORS

POWER ACTUATOR

- 50 — AIR SET IF PNEUMATIC
- P — PNEUMATIC (PD PNEUMATIC DIAPHRAM)
- E — ELECTRIC MOTOR
- S — SOLENOID
- H — HYDRAULIC
- Z — POSITIONER
- X — PILOT SOLENOID

P | Z | FC

FAILURE MODE ON LOSS OF PNEUMATIC OR ELECTRIC POWER

- FC — VALVE FAILS CLOSED
- FO — VALVE FAILS OPEN
- FLP — VALVE FAILS TO LAST POSITION

NOTE: ON LOSS OF PRIMARY POWER (HYDRAULIC PNEUMATIC OR ELECTRIC)

- FO = FAIL OPEN
- FC = FAIL CLOSED
- FLP = FAIL LAST POSITION

ABBREVIATIONS

LAHH	LEVEL ALARM HIGH HIGH
LALL	LEVEL ALARM LOW LOW
LSHH	LEVEL SWITCH HIGH HIGH
LSH	LEVEL SWITCH HIGH
LSL	LEVEL SWITCH LOW
LI	LEVEL INDICATOR
PI	PRESSURE INDICATOR
TI	TEMPERATURE INDICATOR
TAD	TELEPHONE AUTO DIALED
NO	NORMALLY OPEN
NC	NORMALLY CLOSED

NOTES:

1. NOT ALL SYMBOLS SHOWN ON THIS DRAWING APPEAR IN THIS SET OF DRAWINGS.
2. IF SYMBOLS USED ON OTHER DRAWING ARE NOT IDENTIFIED ON THIS DRAWING, CONTACT THE ENGINEER.
3. NOTES ON INDIVIDUAL DRAWINGS RELATIVE TO SYMBOLS OR LEGENDS INDENTIFICATION TAKE PRECEDENCE OVER SYMBOLS OR LEGENDS ON THIS DRAWING.

APPROVED FOR CONSTRUCTION

REV	DESCRIPTION OF REVISION	BY	DATE
0	ISSUED FOR CONSTRUCTION	REJ	11/30/94

SOIL VAPOR EXTRACTION SYSTEM

GTE

GTE GOVERNMENT SYSTEMS
100 FERGUSON DRIVE
MOUNTAIN VIEW, CALIFORNIA

Woodward-Clyde Consultants

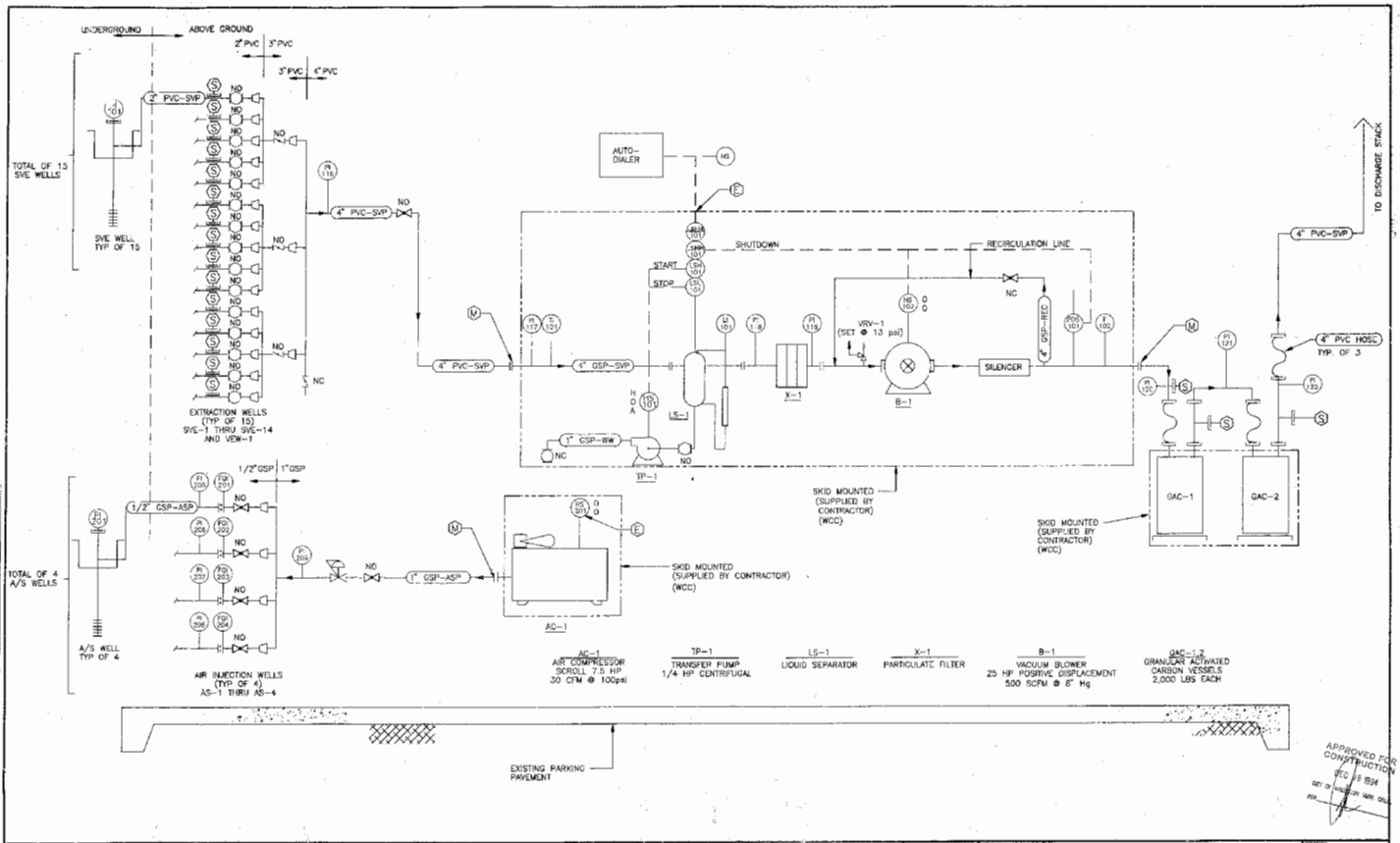
WARNING: IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

DRAWN REJ
CHKD E.G.
DESIGNED AJA
PROJ. MANAGER
DATE 11/30/94

PROCESS

PROCESS AND INSTRUMENTATION SYMBOLS, ELEMENT, AND LEGEND

REVISION 0
PROJECT 941141NA
DRAWING P–1
SHEET 15 OF 16



REV	DESCRIPTION OF REVISION	BY	DATE
0	ISSUED FOR CONSTRUCTION	REJ	11/30/94

SOIL VAPOR EXTRACTION SYSTEM
GTE
GTE GOVERNMENT SYSTEMS
100 FERGUSON DRIVE
MOUNTAIN VIEW, CALIFORNIA

Woodward-Clyde Consultants
Engineering & sciences applied to the earth & its environment
55 Stevity Market Street, Suite 1650
San Jose, California

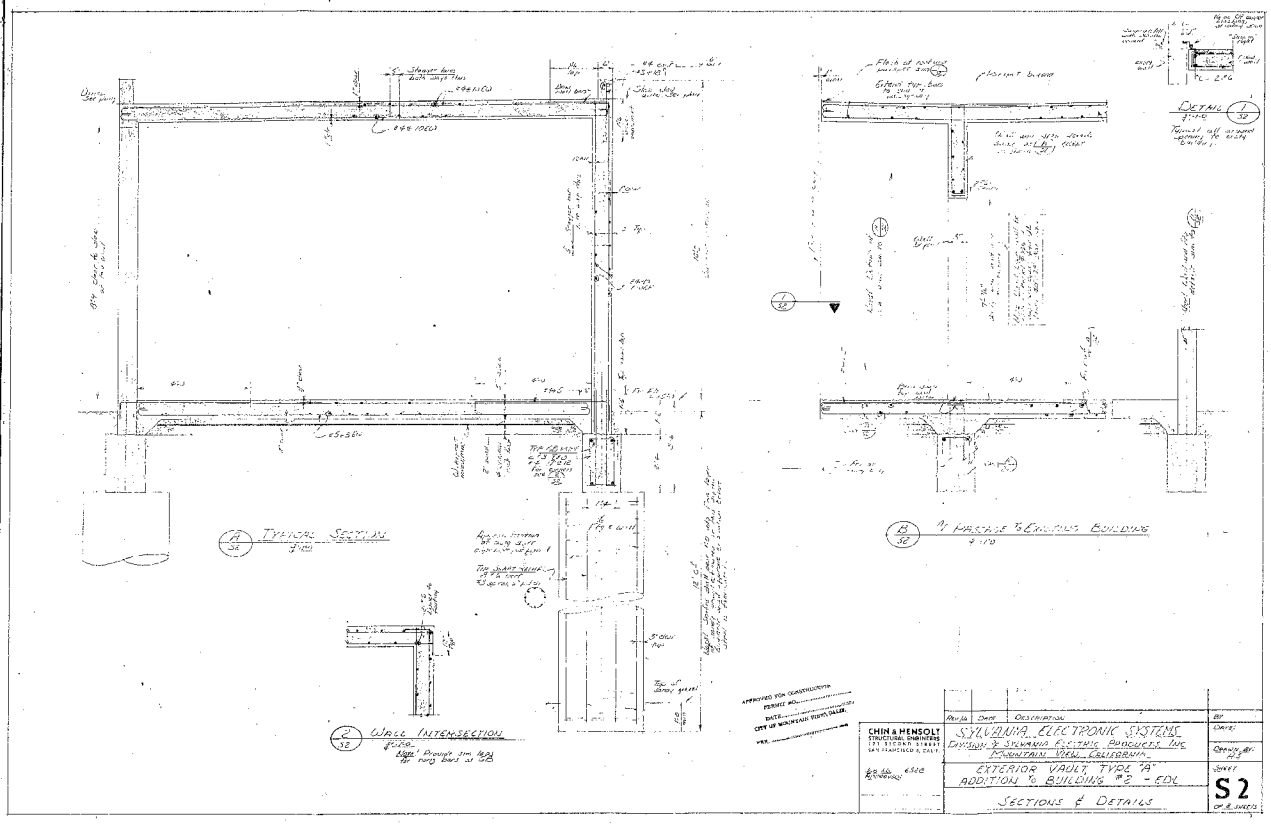
WARNING: IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

DESIGNED REJ
DRAWN E.G.
CHECKED AJA
INDEX REVIEWED
PROJECT MANAGER
DATE 11/30/94

PROCESS

PROCESS & INSTRUMENTATION DIAGRAM

REVISION 0
PROJECT 94114114A
DRAWING P-2
SHEET 16 OF 16



APPROVED FOR CONSTRUCTION
PERMIT NO.
DATE
CITY OF MOUNTAIN VIEW, CALIF.
BY

Rev. No.	Date	Description	By

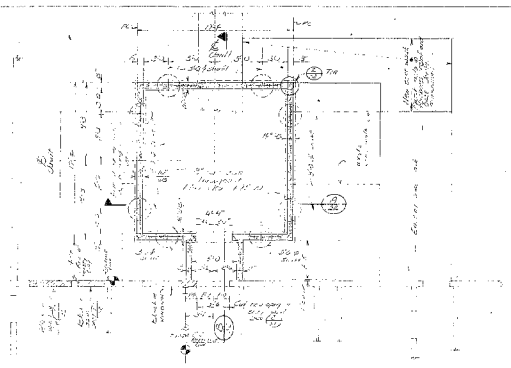
CHIN & HENSOLT
STRUCTURAL ENGINEERS
171 SECOND STREET
SAN FRANCISCO 5, CALIF.

SYLVANIA ELECTRONIC SYSTEMS
DIVISION OF SYLVANIA ELECTRIC PRODUCTS INC
MOUNTAIN VIEW, CALIFORNIA

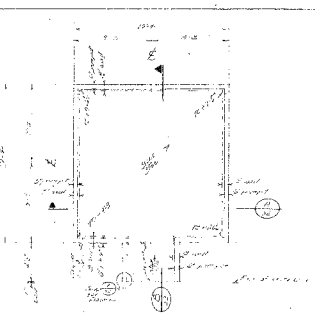
EXTERIOR VAULT, TYPE "A"
ADDITION TO BUILDING #3 - EDL

SECTIONS & DETAILS

Drawn by: F.S.
Checked by:
Sheet S2
of 8 sheets



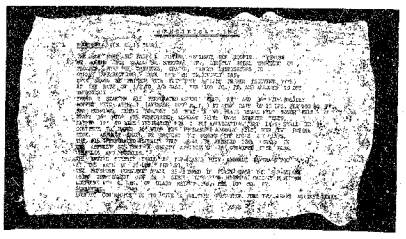
FLOOR & FOUNDATION PLAN



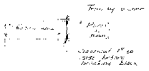
ROOF FRAMING PLAN

SYMBOLS & ABBREVIATIONS

- FC — FACE OF CONCRETE
- HOSEBIBB CAP FOR FACE CAMLOK
- EJ — EXPANSION JOINT
- TC — TOP OF CONCRETE
- GL — GALVANIZED CLAMP
- PC — PRECAST CONCRETE
- DASHED — DENOTES ITEMS OMITTED



1/S1 NEW FACE EXISTING OPENING



2/S1 NEW OPENING IN EXISTING WALL

GENERAL NOTES

1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]
5. [illegible]
6. [illegible]
7. [illegible]
8. [illegible]
9. Building permit: building permit will be secured by owner.
10. Cleanup: on completion, all debris to be removed from the site and the building to be left broom clean.

REVISIONS	DATE	DESCRIPTION	BY

CHIN & HENSOLT
STRUCTURAL ENGINEERS
[illegible] STREET
SAN FRANCISCO, CALIF.

JOB NO. 5528

SYLVANIA ELECTRONIC SYSTEMS
DIVISION OF SYLVANIA ELECTRIC PRODUCTS, INC.
MOUNTAIN VIEW, CALIFORNIA

EXTERIOR VAULT, TYPE "A"
ADDITION TO BUILDING "E" - EDL

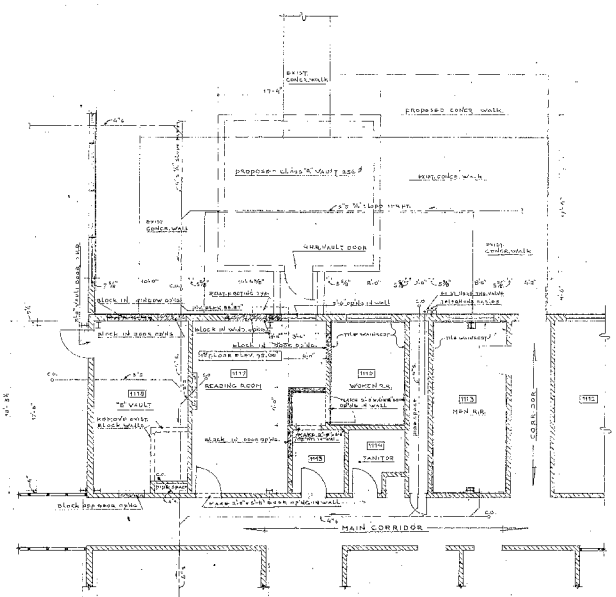
PLANS & GENERAL NOTES

DATE: 3 MAR 63

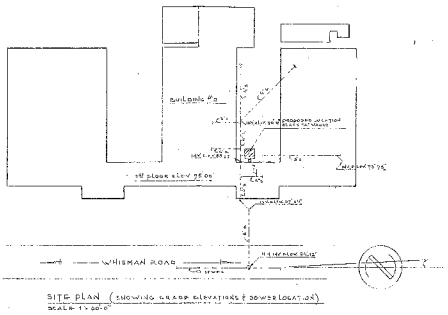
DRAWN BY: [illegible]

SHEET S1 OF 2 SHEETS

SYM. ZONE	REVISIONS DESCRIPTION	DATE	APPROVED



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



SITE PLAN (SHOWING GRADE ELEVATIONS & POWER LOCATION)
SCALE 1"=20'-0"

Key to Walls:

- EXIST. BLOCK WALLS.
- EXIST. BLOCK WALL TO BE REMOVED
- OPENINGS IN EXIST. BLOCK WALL TO BLOCK OFF
- EXIST. COLUMNS
- SOUNDPROOF WALL (TO BE INSTALLED)
- PROPOSED NEW CONSTRUCTION
- SEWER
- CLEANOUT TO GRADE

SPECIFICATIONS PROPOSED CLASS "A" VAULT

FLOOR SLAB 8" REINF. CONCRETE.
WALLS 8" " "
ROOF SLAB 8" " "
DIMENSIONS 19'-6" x 17'-6"
1 NEW VAULT DOOR

PLANS REQUIRED - DAYS

#30

QTY PER DASH NO.			CODE IDENT	PART OR IDENTIFYING NO.	SYLVANIA PART NO.	NOMENCLATURE OR DESCRIPTION	REF	SYM NO.

PARTS LIST

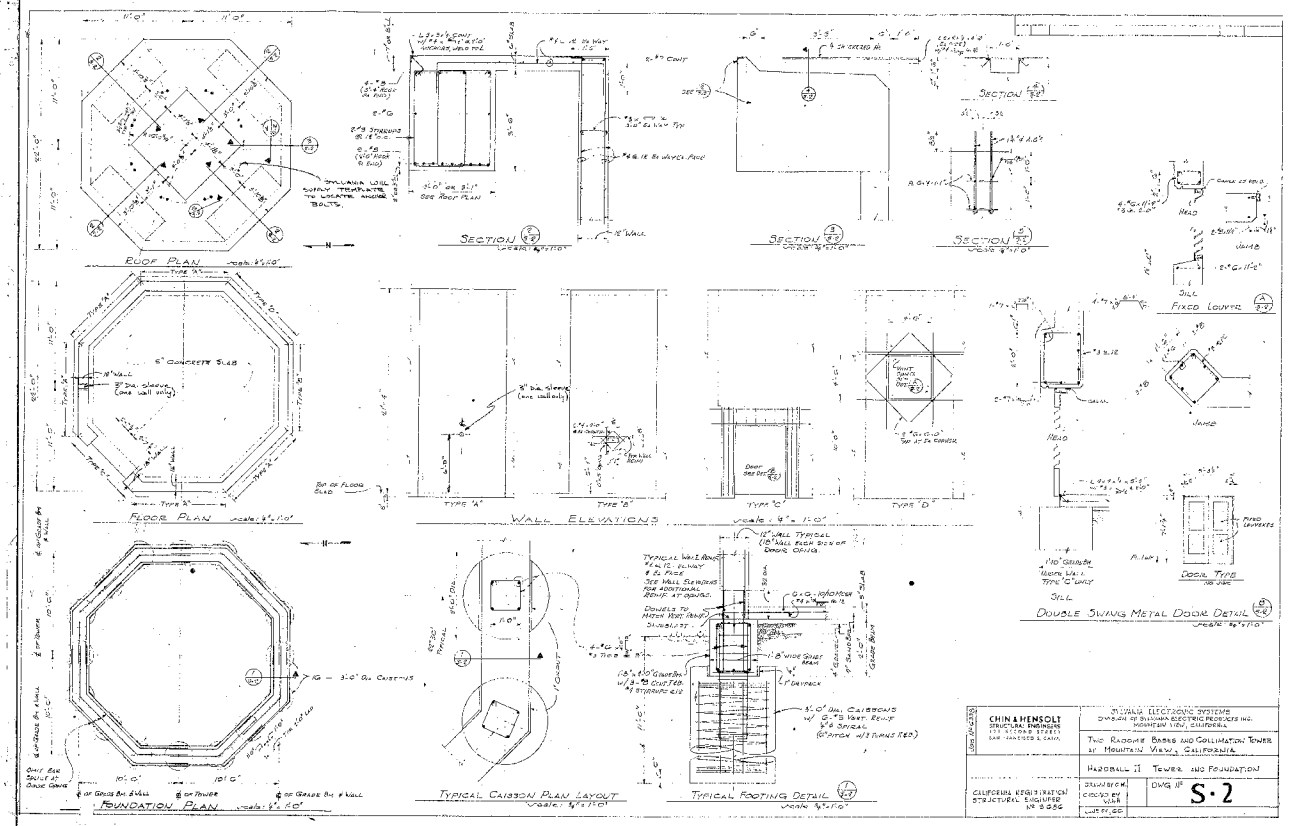
KEY: ◆-VENDOR ITEM-FOR PROCUREMENT OF PART NUMBER SEE SPECIFICATION CONTROL OR SOURCE CONTROL DRAWING
2 PEC 1-1-VOLES

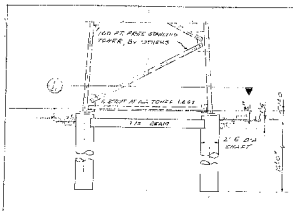
APPLICABLE DOCUMENTS	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DR	DATE
	TOLERANCES	CHK	
	ANGLES ± DECIMALS 3 PLACE ± 2 PLACE ±	SURFACES / MICRO INCHES	APPD
FINISH	MATERIAL		APPD
NEXT ASSEMBLY	MODEL		

SYLVANIA ELECTRONIC SYSTEMS
DIVISION OF SYLVANIA ELECTRIC PRODUCTS INC
MOUNTAIN VIEW, CALIFORNIA

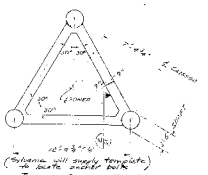
PROPOSED LOCATION FOR "A" & "B" VAULT, + READING ROOM IN WEST WING BLDG. #2 ROOM Nº 1117 & 1118

CODE IDENT	SIZE	
07397	D	R5KJM-32565-3S
SCALE 1/4"=1'-0"		SHEET 3 OF 3


ROOF PLAN
SECTION
SECTION
SECTION
FIXED LOUVER
FLOOR PLAN
WALL ELEVATIONS
TYPE 'A'
TYPE 'B'
TYPE 'C'
TYPE 'D'
DOUBLE SWING METAL DOOR DETAIL
DOOR TYPE
FOUNDATION PLAN
TYPICAL CAISSON PLAN LAYOUT
TYPICAL FOOTING DETAIL
CHIN & HENSOLT
STRUCTURAL ENGINEERS
SAN FRANCISCO & CALIF.
CALIFORNIA REGISTRATION
STRUCTURAL ENGINEER
No 8086
SYLVANIA ELECTRONIC SYSTEMS
DIVISION OF SYLVANIA ELECTRIC PRODUCTS INC.
MOUNTAIN VIEW, CALIFORNIA
TWO RADOME BASES AND COLLIMATION TOWER
AT MOUNTAIN VIEW, CALIFORNIA
HARDBALL II TOWER AND FOUNDATION
DRAWN BY
CHECKED BY
DATE
DWG. No
S-2

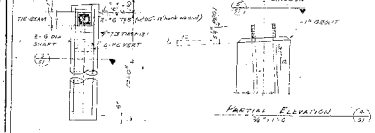


ELEVATION TOWER FOUNDATION

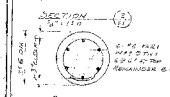


(Sylvania will supply template to locate anchor bolts)

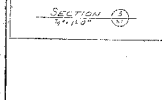
PLAN AT TOP OF CAISSON & TIE BEAM



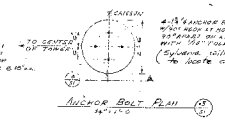
PARTIAL ELEVATION



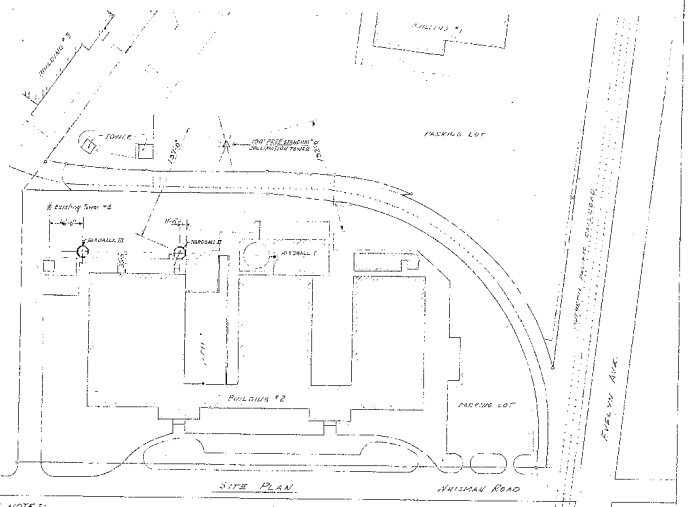
SECTION



SECTION



ANCHOR BOLT PLAN



SITE PLAN

GENERAL NOTES:

1. ALL EXPOSED CONCRETE CORNERS ARE TO BE CHAMFERED 3/4".
2. ALL REINFORCING STEEL SHALL CONFORM TO ASTM SPECIFICATIONS A15 & A305.
3. CONCRETE UNITS AS 1½" MAX. AGGREGATE, 6" SLUMP.
4. ANCHOR BOLTS SHALL CONFORM TO ASTM SPECIFICATIONS A7.

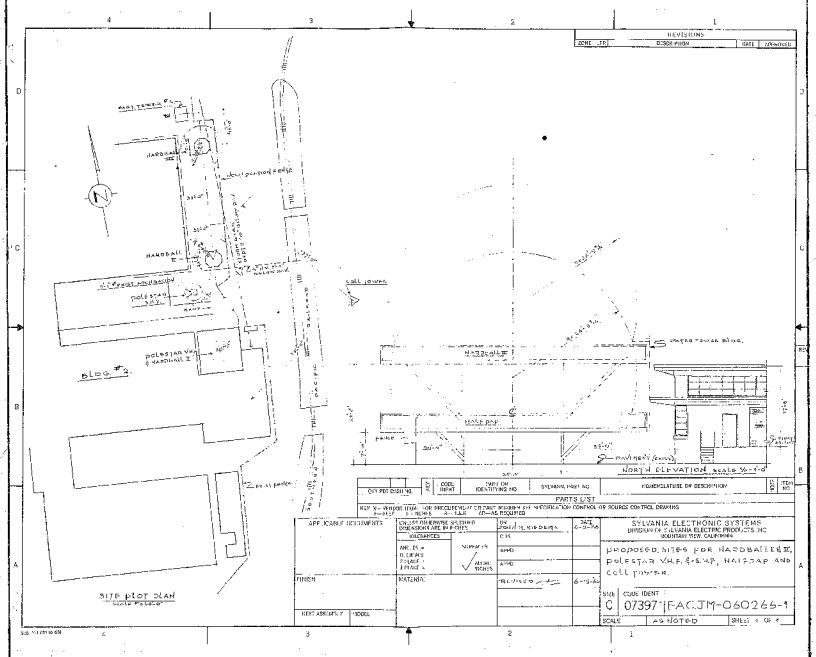
DESIGN DATA

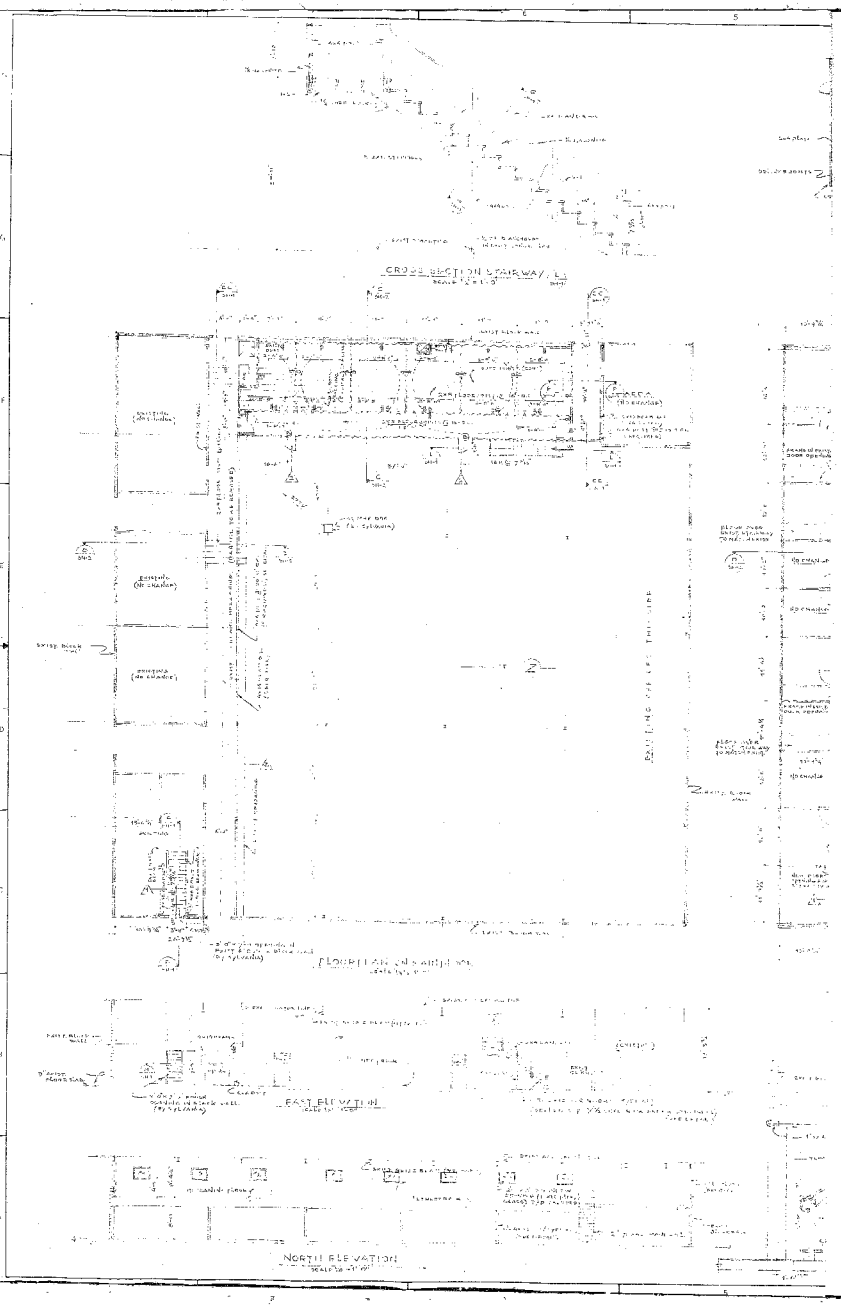
1. WIND — UNIFORM BUILDING CODE (85 MPH - 70#)
2. TOWER BASE SHEAR = 8,000#
   TOWER DL/LL = 8,000#
   TOWER WIND LOAD/LEG = 8,000#
3. ALLOWABLE SOIL PRESSURE = 5,000 P.S.F. DL, 10,000 P.S.F. W.L.
   PROVIDED BY PERM. T. BOND ASP.
4. CONCRETE: f'c = 4,000 P.S.I. AT 28 DAYS.
5. REINFORCING STEEL fy = 40,000 P.S.I.

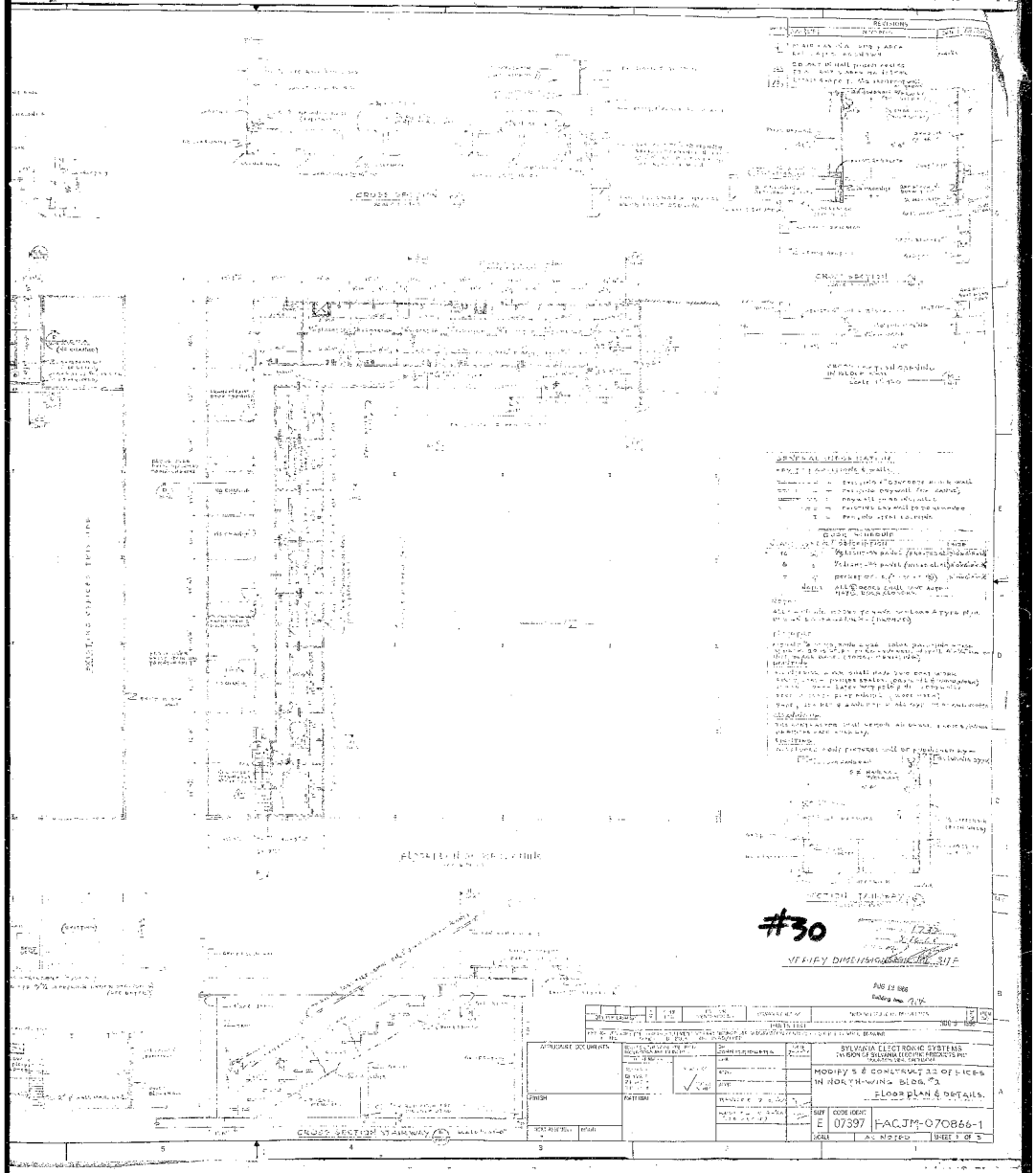
APPROVED FOR CONSTRUCTION
PROJECT NO. 1687
DATE: 7-28-86
CITY OF MOUNTAIN VIEW, CALIF.
BY: [illegible]

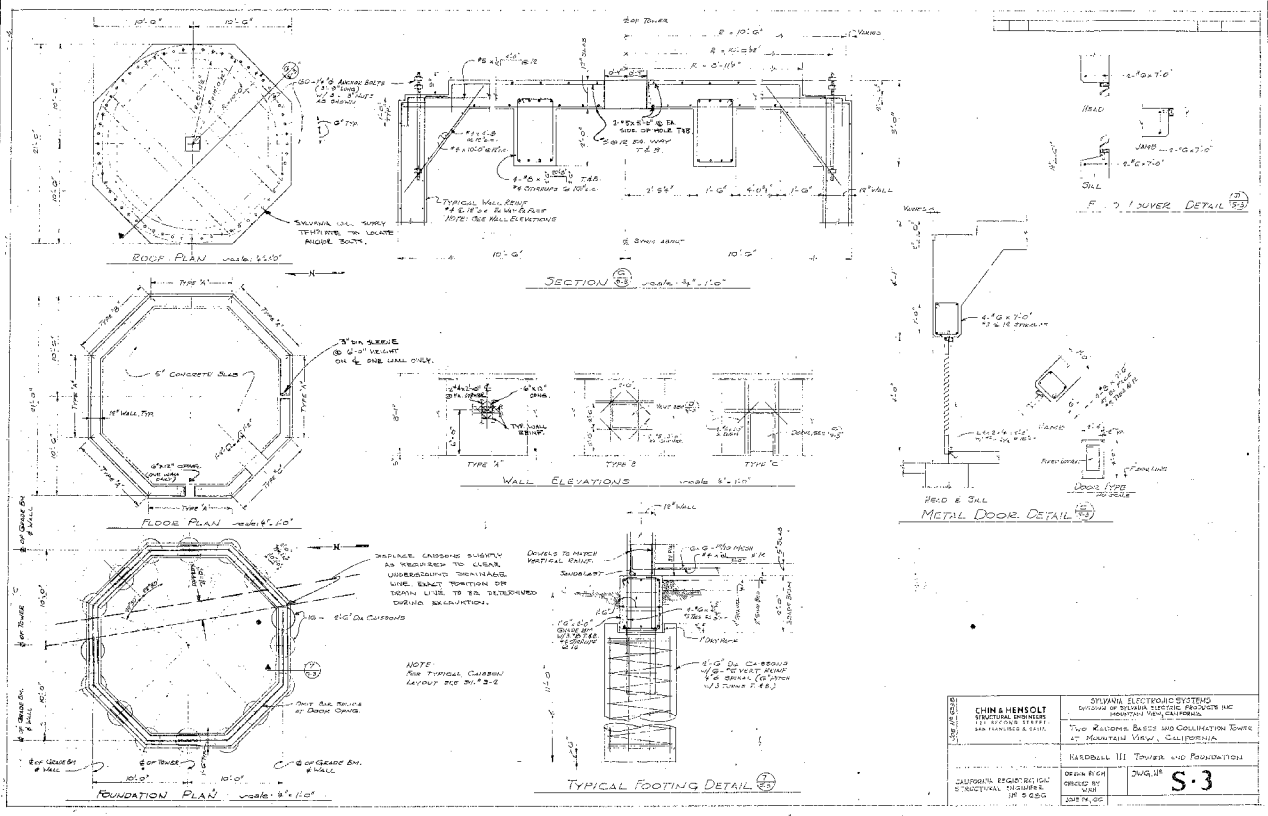
NO DATE DESC	CHIN & HENSOLT STRUCTURAL ENGINEERS 101 HIGH STREET SAN FRANCISCO, CALIF.	SYLVANIA & ELECTRONIC SYSTEMS DIVISION OF GENERAL TELEPHONE & ELECTRONICS INC. MOUNTAIN VIEW, CALIFORNIA
		TWO RADOME BASES AND COLLOCATION TOWER AT MOUNTAIN VIEW, CALIFORNIA
	CALIFORNIA REGISTRATION STRUCTURAL ENGINEER No. 5 058	COLLOCATION TOWER FOUNDATION AND SITE PLAN
		DRAWN BY: / DESIGN BY: / DATE: / DWG. No. S-1

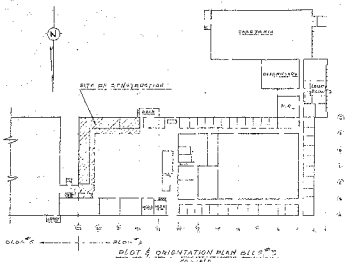
11529


REVISIONS
ZONE
DESCRIPTION
DATE
APPROVED
HARDBALL
POLESTAR
BLDG #3
SITE PLAN
NORTH ELEVATION
PARTS LIST
SYLVANIA ELECTRONIC SYSTEMS
DIVISION OF SYLVANIA ELECTRIC PRODUCTS INC
SUNNYVALE, CALIFORNIA
PROPOSED SITES FOR HARDBALL II, POLESTAR VLF, & S.W.P., HAISSAP AND COLL TOWER.
CODE IDENT
07397
F-AC.JM-060266-1
SCALE
AS NOTED
SHEET 1 OF 4


CROSS SECTION STAIRWAY L1
FLOOR PLAN
EAST ELEVATION
NORTH ELEVATION


#30
SYLVANIA ELECTRONIC SYSTEMS
MODIFY & CONSTRUCT 22 OFFICES
IN NORTH-WING BLDG. #3
FLOOR PLAN & DETAILS.
E
07397
FACJM-070866-1
AS NOTED


ROOF PLAN
SECTION
FLOOR PLAN
WALL ELEVATIONS
METAL DOOR DETAIL
FOUNDATION PLAN
TYPICAL FOOTING DETAIL
CHIN & HENSOLT
STRUCTURAL ENGINEERS
SYLVANIA ELECTRONIC SYSTEMS
DIVISION OF SYLVANIA ELECTRIC PRODUCTS INC
MOUNTAIN VIEW, CALIFORNIA
TWO RADOME BASES AND COLLIMATION TOWER
AT MOUNTAIN VIEW, CALIFORNIA
RADOMES III TOWER AND FOUNDATION
S-3



GENERAL INFORMATION & SPECIFICATIONS.

1. CARPENTRY & GYPSUM WALLBOARD.

MATERIAL — ALL DRY STANDARD GRADE D.F. OR EQUAL, PIECES SHALL BE STRAIGHT, WITHOUT BOW OR TWIST.

FRAMING — FRAMING OF DETECTED TRUE TO LINE, LEVELS AND DIMENSIONS; SQUARED; ALIGNED; SCHEMED; WALL SPACED AND NAILED AND ADEQUATELY BRACED SECURELY. ELECTRICALLY WIRED PARTITIONS RUNNING IN GENERAL DIRECTION AS EXISTS, WIRE OR BOARD. CROSSBRACING SHALL BE PLACED ONE WAY BETWEEN FACE STUDS AND WITHIN SHOWN ON PLANS.

FLOOR SUBSTRUCTURE — 2"x6" D.F. GRADE 2-D INTERIOR PLYWOOD DECKING, FIELD NAILED 12" O.C. ROOF NAILED 6" O.C. ALL JOINTS SHALL BE MADE ON SOLID BEARING AND SHALL BE STAGGERED.

STAIR WALL — 1"x6" PLANK TREADS, 3/4" BOARD RISERS, 1"x8" STRINGERS, 1"x6" & WOOD HANDRAILS. 3 BRACKETS PER EACH RAIL. NOSINGS AT FLOOR LANDINGS SHALL BE THE SAME DETAIL AS THE TREADS. (FOLLOW SAFETY STAIR REGULATIONS OVERALL)

GYPSUM WALLBOARD — 3/8" PLASTER W/RECESSED DOOR FOR TAPING, INSTALLED AS LONG AS POSSIBLE, SHALL BE ADJOINING WITH LONG EDGES PERPENDICULAR TO FRAMING MEMBERS JOINTS ON OPPOSITE SIDE OF PARTITIONS, SHALL NOT FALL ON THE SAME STUD. NAILS SHALL BE SPACED 7" ON WALLS, 5" ON CEILINGS, AND NOT LESS THAN 3/8" FROM EDGES AND ENDS OF WALLBOARD. EXPOSED EDGES SHALL BE PROTECTED BY A METAL CORNERBEAD. OPENINGS SUPPORTS SHALL HAVE A UNIFORM BEARING SURFACE, FREE FROM IRREGULARITIES.

2. FINISH WOODWORK, DOORS & HARDWARE.

CABINETS — ALL WOODWORK SHALL BE SECURELY AND NICELY FASTENED IN PLACE IN AN APPROVED MANNER, WITH NAIL HEADS SUNK 1/8".

DOORS — INSTALL NEW KIT PANEL DOORS, 1 3/8" THICK D.F. AND WARDEN DOORS. (SEE DOOR SCHEDULE)
INSTALL NEW "B" LABEL DOOR, WITH 1/8" WIRE GLASS WINDOW, ORIGINALLY FITTED IN A "B" LABELED OAK FRAME, DETAILED SECURELY IN EXISTING MASONRY. (SEE DOOR SCHEDULE)

HARDWARE — INSTALL A "A" TYPE MORTISE DAYLOCK LOCK, BRYANT DESIGN 1000 SERIES, FOR ALL NEW DOORS.
INSTALL AMERICAN AUTOMATIC DOOR CLOSERS, PLATE HARDWARE & PADLOCK ON "B" LABEL DOOR.

3. ELECTRICAL.

GENERAL — ALL WORK SHALL BE IN ACCORD WITH THE LATEST BUILDING ORDINANCES AND THE ELECTRICAL CODE OF SANTA CLARA COUNTY AND THE NATIONAL ELECTRICAL CODE.

ELECTRICAL CONTINUED.

LAYOUT — LAYOUT IS GENERALLY DIAGRAMMATIC WITH LOCATION OF OUTLETS, FIXTURES & HEATERS AND SWITCHES.

CONDUIT — THIN WALL CONDUIT WITH APPROVED COUPLINGS AND CONNECTORS SHALL BE USED.

OUTLET & JUNCTION BOXES — ALL JUNCTION & OUTLET BOXES SHALL BE OF GALVANIZED METAL.

RECEPTACLES — INSTALL A-H 5352, 120V. DUPLEX. COLOR BROWN.

SWITCHES — INSTALL 1 TYPE SINGLE POLE TUMBLER SWITCH 277V. 20A. (SILENT TYPE) COLOR BROWN.

LIGHTING FIXTURES — INSTALL 2 - 40 WATT FLUORESCENT 277V. W.P.S. 2040
INSTALL 18 - 1 TUBE FLUORESCENT, 277V. N.E.C. 1108 (F.R.L. 1104 ALL FLUORESCENT FIXTURES WILL BE PURCHASED BY OWNER AND DELIVERED TO JOB SITE

PANELS — INSTALL 1 - STEEL DRESSER CABINET TO CONTAIN 10 CIRCUIT BREAKERS, MAINCLEAR 100/100A. 120/208 3Ø 4W. 3 P WIRE.
INSTALL 1 - STEEL DRESSER CABINET TO CONTAIN 20 CIRCUIT BREAKERS, 120/277 V. SIERRA 200A, FINE ITE CIRCUIT BREAKER W/ AT 1200 30A.

HEATING — INSTALL 36 - 6" CHROMALOX HEATERS, 1/2" C. (PRT-6-6L) 1000W, 277 V. W/THERMOSTAT. (5 HEATERS OUT REMOVED)

SERVICE — BOTH SERVICES, 120/208 & 480/277 V. WILL BE AVAILABLE WITHIN 30-40' OF TRANSFORMER BY OWNER.

4. PAINTING.

GYPSUM WALLBOARD — APPLY ONE COAT LATEX WALL PRIMER, ONE COAT LATEX.

WOODWORK — APPLY ONE COAT STAINER, ONE COAT VARNISH.

METAL RADIATOR & UNIT HEATER — APPLY BLACK ALUMINUM MATERIAL TO 2" PIPES, 2 COATS EAST & SOUTH MORTISE WINDOW WALL. MATERIAL USED BY MILLS-HOUSE PAINT CO. LOS ALTOS. ADHESIVE - SILVER GLAZE TO BE CALCULATED

EXPOSED STEEL WORK, CANALS — APPLY ONE COAT LATEX.

EXPOSED PIPING, TRUSS — APPLY ONE COAT LATEX. (CLEAN OUT "B" LABEL DOOR)

GENERAL — ALL COLORS WILL BE SELECTED BY OWNER. ALL EXISTING PAINTED SURFACES SHALL BE PREPARED FOR PAINTING. ALL EXTERIOR BREAKOUTS WILL BE CLEANED, SCRAPED, PAINTED. SAFETY PRECAUTION MUST BE TAKEN TO AVOID UNNECESSARY CONDITIONS. NO RESPONSIBILITY FOR CLEANING OUT MORTAR. ALL PAINT SHALL MEET SYLVANIA'S EXISTING REQUIREMENTS, DONE AS DIRECTED

5. FLOOR COVERING.

ASPHALT TILE — 1/8" THICK - 9" SQ. (1) COLOR DURANITE GRADE, 40 C.S. AS MANUFACTURED BY ARMSTRONG, OR EQUAL

ADHESIVE — FIRST QUALITY WATERPROOF, AS RECOMMENDED BY THE TILE MANUFACTURER, EVENLY APPLIED

RUBBER BASE — EXTENDED SET OF TYPE STRAIGHT RUBBER 1/8" THICK, 4" HIGH, COVE BASE. BASE SHALL HAVE DOUBLED TOP AND COVED BOTTOM, 30' BOLT STRENGTH & TRUE.

FLOORING STRIPS — WHERE FLOORING JOINS EXPOSED CONCRETE FLOOR, PROVIDE BEVELED ASPHALT TILE STRIPS

6. MISCELLANEOUS.

AT "B" LABEL DOOR REMOVAL — CUTTING REMOVE STEEL REPAIR BELOW EXISTING TO BE 1 FROM.
CUT AND REMOVE TOP SECTION OF 1" UNIVERSAL AT EXISTING HORIZONTAL STEEL PIPE.
PROVIDE A 1/8 W.F. STEEL BALUSTRADE PLATE AT EXISTING FLOOR WITH CONCRETE FLOOR AND PIPE. (CONSULT BOTH UNIVERSAL & SYLVANIA)

BIDING — WINDOWS & HARDWARE 3'-6" x 6'-8" & 1 1/2" PIPE. (CONSULT BOTH UNIVERSAL)

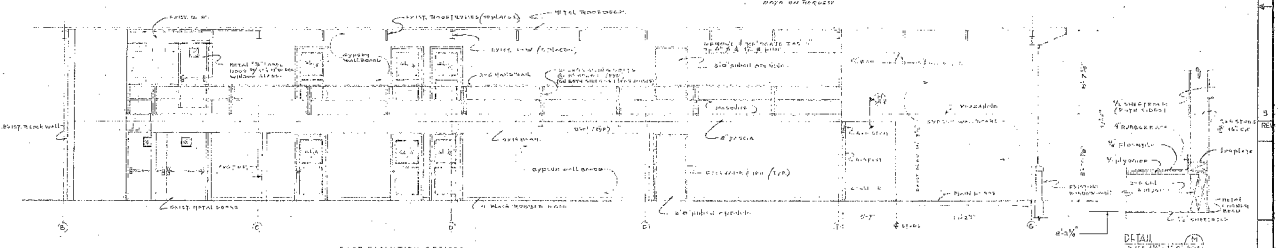
7. GENERAL

CLEANING UP — CONTRACTOR SHALL REMOVE ALL DEBRIS FROM EXISTING PREMISES, DAILY WORK ONLY

GUARANTEE — GENERAL CONTRACTOR SHALL GUARANTEE; MECHANICAL EXTERIOR DOOR TRIM, WEATHERSTRIPPING AND WEATHERSTRIPPING FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE OF THIS WORK.

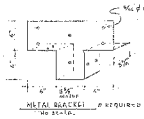
1 — REVISION STAIRWELL

REVISIONS			
ZONE	LTR	DESCRIPTION	DATE	APPROVED



EAST ELEVATION OFFICES

DOOR SCHEDULE			
QUANT.	SYMBOL	DESCRIPTION	SIZE
23	A	1 3/8" - LIGHT ONE PANEL D.F.	3'-0"x6'-8"x1 3/8"
1	B	METAL "B" LABEL, W/WIRE GL.	3'-0"x6'-8"x1 3/8"



QTY PER BASE NO.	B.O.	CODE IDENT	PART OR IDENTIFYING NO.	SYLVANIA PART NO.	NOMENCLATURE OR DESCRIPTION	CTG	STOCK NO.
					PARTS LIST		

KEY: K—VENDOR ITEM. FOR PROCUREMENT OF PART NUMBER SEE SPECIFICATION CONTROL OR SOURCE CONTROL DRAWING
1—PER 2—PER 3—ELIM AR—AS REQUIRED

APPLICABLE DOCUMENTS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES
ANGLES ±
DECIMALS
2 PLACE ±
3 PLACE ±
SURFACES
MICRO INCHES
FINISH
MATERIAL
NEXT ASSEMBLY
MODEL

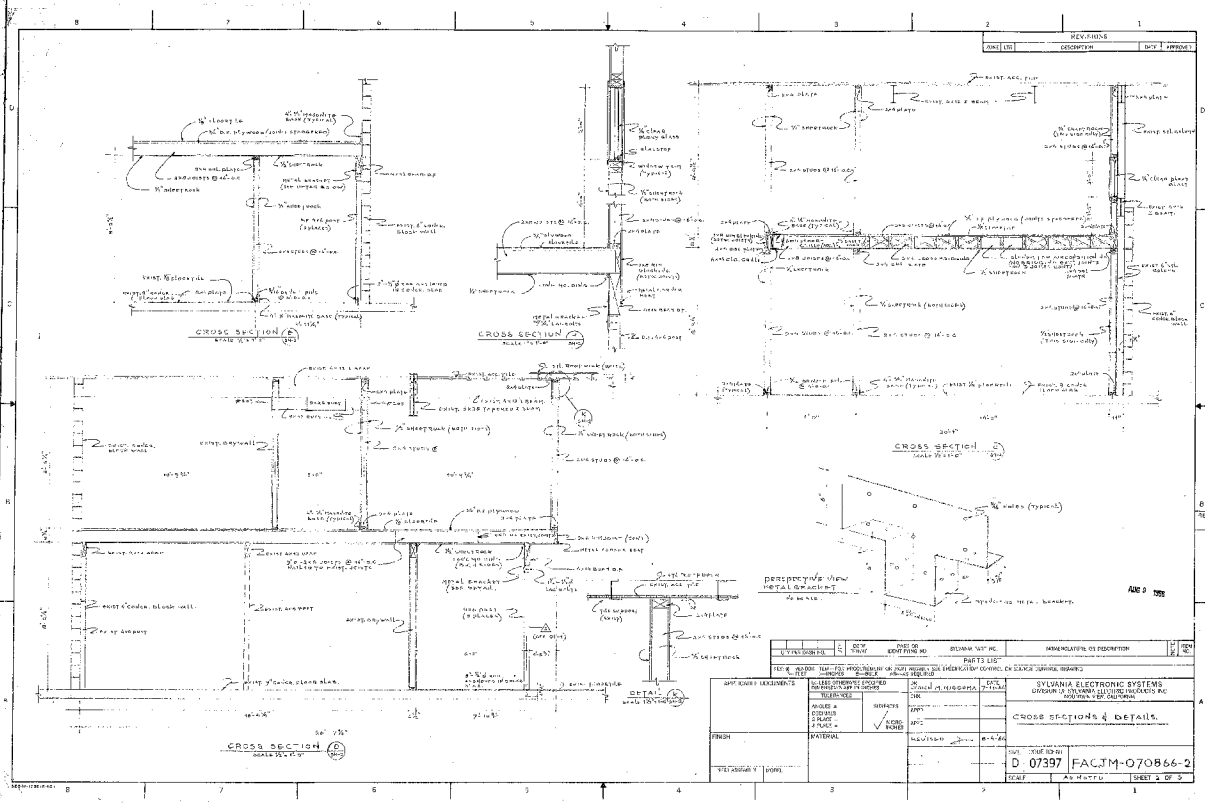
DR. CHAS. H. HERSHEY
DATE 4-5-67
CHK
APVD
DATE

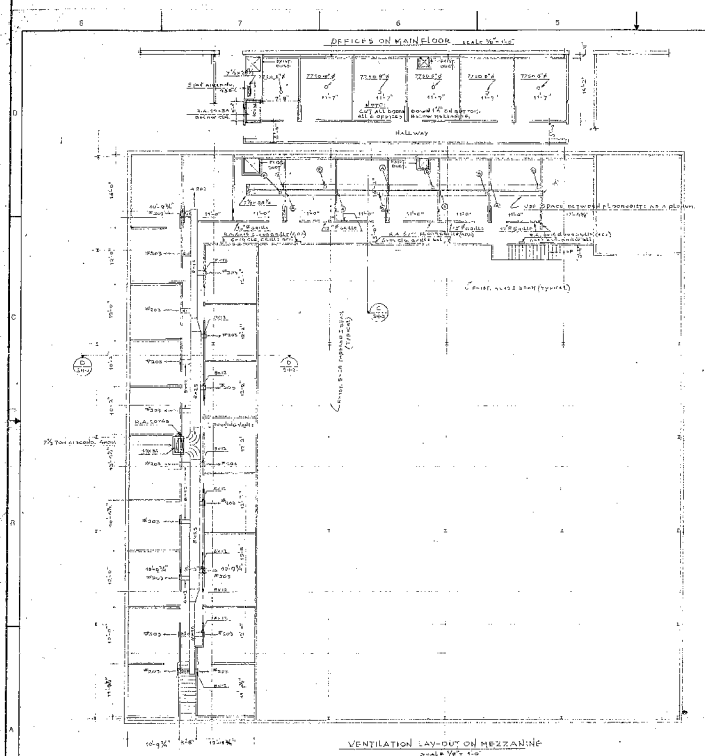
SYLVANIA ELECTRONIC SYSTEMS
DIVISION OF SYLVANIA ELECTRONIC PRODUCTS INC
MOUNTAIN VIEW, CALIFORNIA

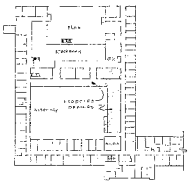
PLOT & ORIENTATION PLAN, ELEVATION & SPECIFICATIONS FOR 32 OFFICES IN BLDG. #5

SIZE D | CODE IDENT 07397 | FACJM-010467-2

REVISION | SCALE AS NOTED | SHEET 2 OF 2


CROSS SECTION
CROSS SECTION
CROSS SECTION
CROSS SECTION
DETAIL
PERSPECTIVE VIEW
METAL BRACKET
REVISIONS
PARTS LIST
SYLVANIA ELECTRONIC SYSTEMS
DIVISION OF SYLVANIA ELECTRONICS PACIFICS INC
MOUNTAIN VIEW, CALIFORNIA
CROSS SECTIONS & DETAILS.
D 07397
FAC.TM-070866-2
SHEET 2 OF 3





ORIENTATION PLAN
NORTH-WING BLDG #2

GENERAL INFORMATION

EXCEPTING 22 GAUGE GALVANIZED

CONTRACTOR FIELD TO FABRICATE
RENDER THE LONG JOINTS AND TITS & ANGLES
CONSTRUCTED AS ABOVE
DUCTS SHALL HAVE INSIDE DIMENSIONS
AS INDICATED, INSIDE OF FIELD WELD.
DIAGONALLY OPPOSED OFFSET SIDES.
THERMAL RADIUS SHALL NOT EXCEED
1½ DIAM. OF THE WIDTH OF THE DUCT

1-⊗ 201 AC
7-⊗ 4 WALLS 6 CFM
5-⊗ 7700 CFM

NOTE:

BOTH AIRCONDITIONING UNITS WILL BE
FURNISHED BY SYLVANIA

AUG # 7988

APPROVED FOR CONSTRUCTION
TO AUTH. NO.
DATE
CITY OF TORRANCE VISTA VALLEY

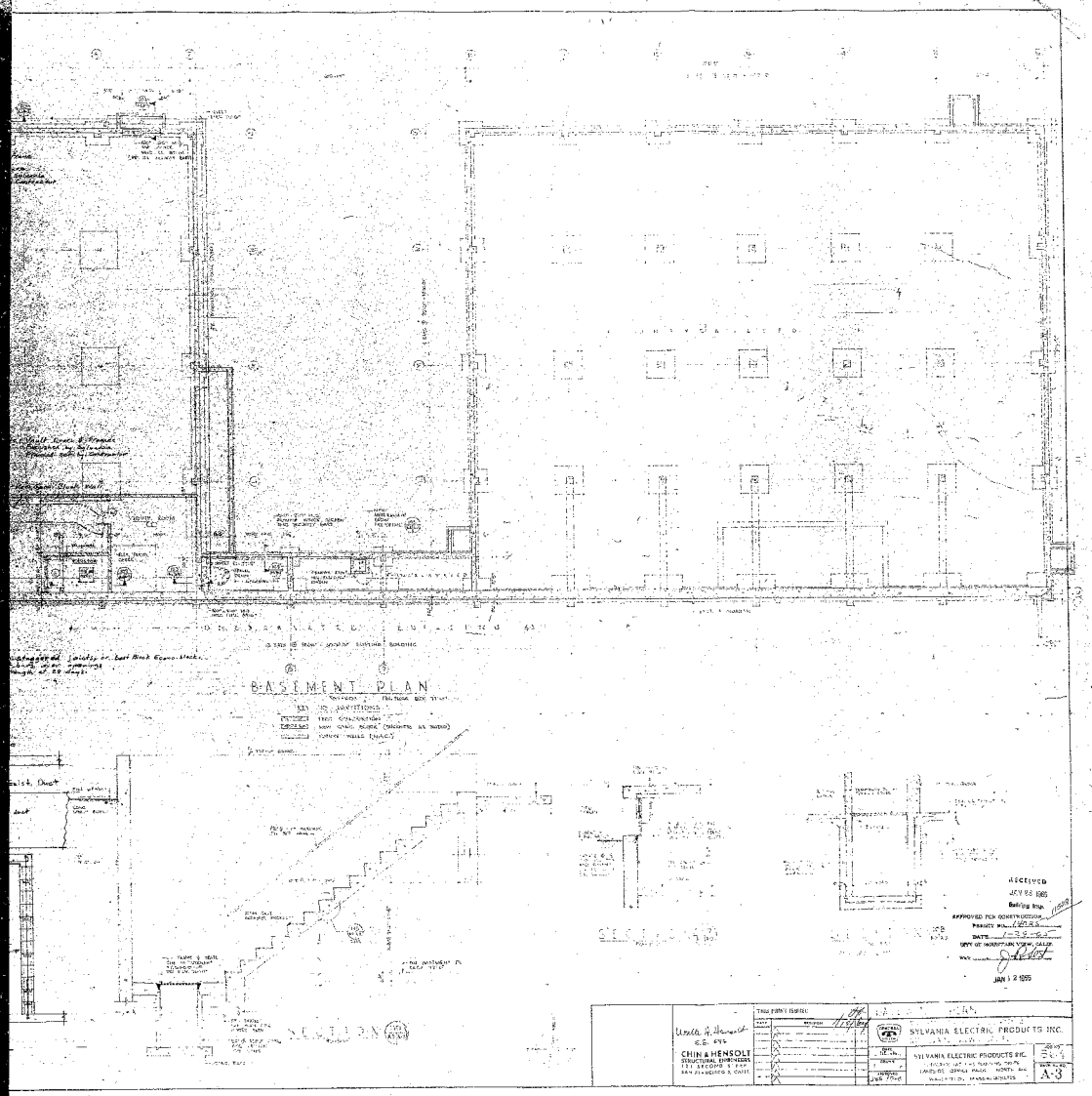
REV'D ON DWGS NO.	REV	CODE IDENT	PART OR IDENTIFYING NO.	SYLVANIA PART NO.	NOMENCLATURE OR DESCRIPTION	NO. REQ'D	FILM NO.

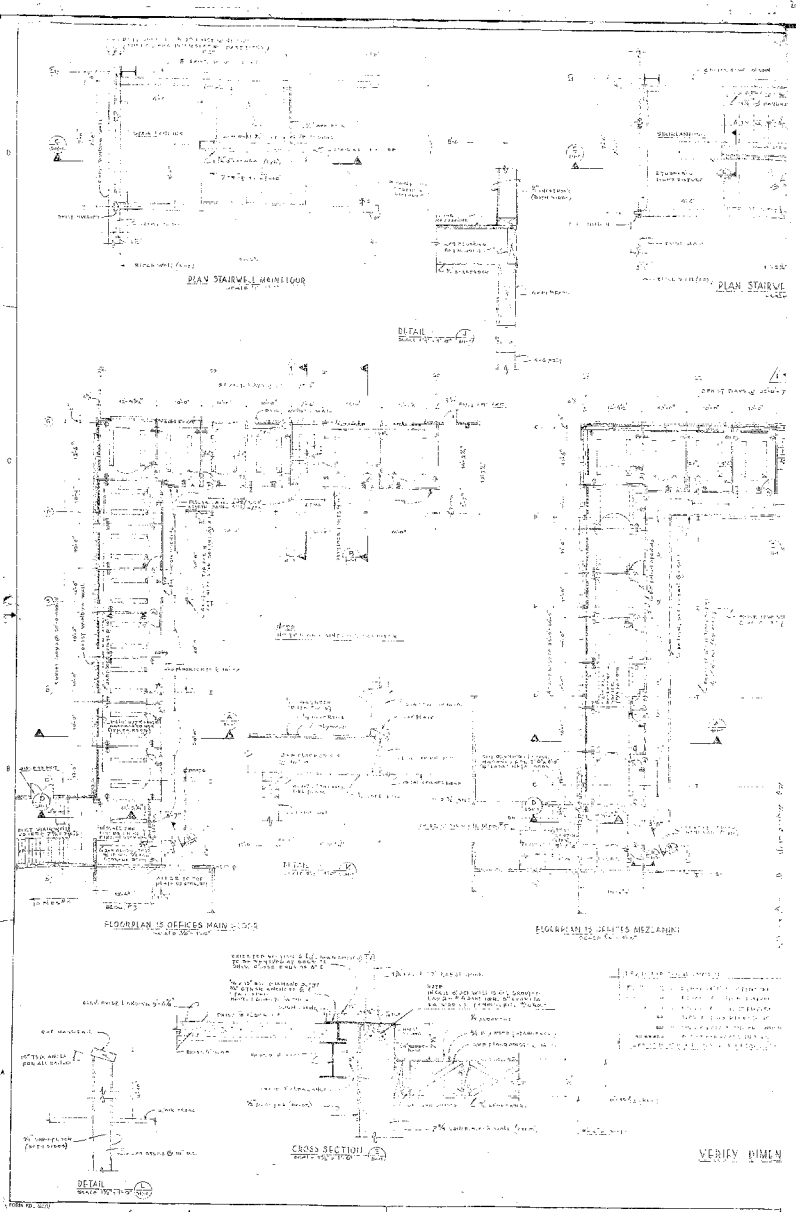
PARTS LIST

ATT. W—WELDER (TIG-MIG) REQUIREMENT OR PROCEDURE SEE SPECIFICATION CONTROL OR SQUARE CONTROL DRAWING
—FIRST 1—SECOND 2—THIRD AP—AS REQUIRED

APPLICABLE DOCUMENTS	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DEVIATIONS		DR JOHN H HIRDT	DATE 6-27-66	SYLVANIA ELECTRONIC SYSTEMS DIVISION OF SYLVANIA ELECTRIC PRODUCTS INC NORTHRIDGE, CALIFORNIA
	ANGLES - DECIMALS ± ANGLE ± ± ACT ±	SURFACES ✓ GRIND. HONED	TOL		VENTILATION LAY-OUT FOR 30 OFFICES IN NORTH-WING BLDG. #2.
			APPD		
FINISH	MATERIAL		REVISED	7-19-66	
NEXT ASSEMBLY	USED ON		REVISED	8-2-66	SIZE D CODE IDENT 07397 FACJM-070866-3
					SCALE AS NOTED. SHEET 3 OF 3

REVISIONS			
ZONE	LTR	DESCRIPTION	DATE	APPROVED


BASEMENT PLAN
SYLVANIA ELECTRIC PRODUCTS INC.
CHIN & HENSOLT
STRUCTURAL ENGINEERS
A-3
RECEIVED
JAN 12 1965
APPROVED FOR CONSTRUCTION
JAN 12 1965


PLAN STAIRWELL HEINTIQUE
PLAN STAIRWL
DETAIL
FLOORPLAN 15 OFFICES MAIN FLOOR
FLOORPLAN 15 SUITES MEZZANINE
CROSS SECTION
DETAIL
VERIFY DIMEN

REVISIONS		
SYM	DESCRIPTION	DATE APPROVED

PLAN STAIRWELL MEZZANINE

DETAIL E

DETAIL

SECTION STAIRWAY

FLOORPLAN 13 OFFICES MEZZANINE

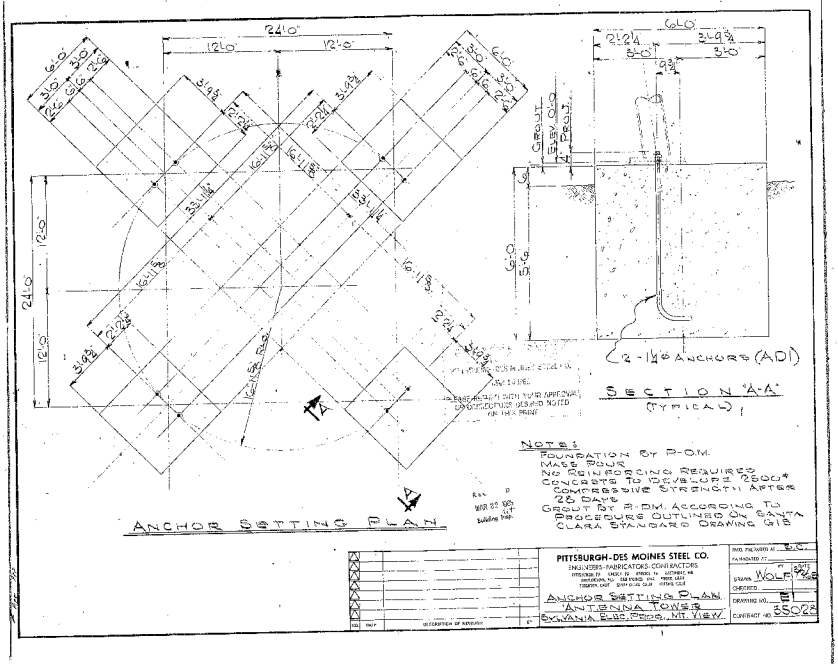
CROSS SECTION

CROSS SECTION

VERIFY DIMENSIONS ON JOB SITE

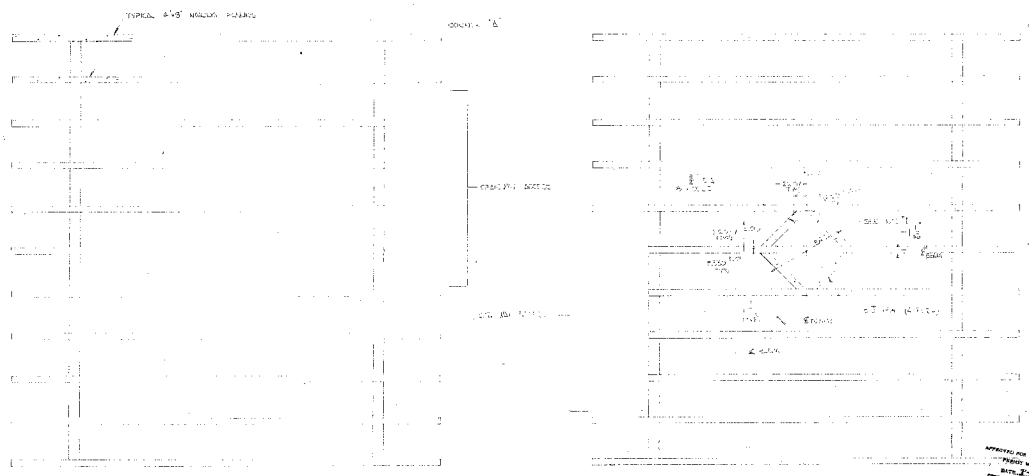
APPROVED FOR CONSTRUCTION

APPLICABLE DOCUMENTS	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE IN INCHES		DATE	STANFORD LINEAR ACCELERATOR CENTER SYSTEMS DIVISION / ELECTRONIC SYSTEMS DIVISION / ELECTRONIC PRODUCTS INC
	DECIMALS ±			FLOORPLAN & DETAILS FOR CONSTRUCTION OF 26 OFFICES AT SOUTH-LA-T SECTION IN BLDG. #3
FINISH	ANGLES ±	SURFACES		
	2 PLACE ±	MICRO-INCHES		
	3 PLACE ±			
	MATERIAL			
NEXT ASSEMBLY / MODEL				CODE IDENT 07397 / SIZE E / FAC.JM-010467-1
				SCALE AS NOTED / SHEET 1 OF 1



NOTES:
FOUNDATION BY P-DM.
MASS POUR
NO REINFORCING REQUIRED
CONCRETE TO DEVELOPE 2500# COMPRESSIVE STRENGTH AFTER 28 DAYS
GROUT BY P-DM. ACCORDING TO PROCEDURE OUTLINED ON SANTA CLARA STANDARD DRAWING G18

REVISIONS			
SYMBOL	DESCRIPTION	DATE	APPROVED



NOTES:

1. SMART NOZZLE FLANGES FROM 54" DIA CIRCLE AROUND PEDESTAL CENTER.
2. THE 4 BEAMS (8"I BEAM) WITH THE [illegible] MAXIMUM [illegible] OF THE NOZZLE FLANGE AND THE TOPS OF THE CONNECTION PLANES.
3. OWNER SHALL PROVIDE TEMPLATE FOR 3/4 DIA HOLE POSITIONING.

QTY	PER PARE NO.			CODE IDENT	PART OR IDENTIFYING NO.	SYLVANIA PART NO.	NOMENCLATURE OR DESCRIPTION	SYLVAN A ELECTRONIC SYSTEMS DIV.

PARTS LIST

KEY: ←VENDOR ITEM TO PROCUREMENT OR PART NUMBER SEE SPECIFICATION CONTROL OR SUBJECT CONTROL DRAWING
F-ESS: F-INCHES

APPLICABLE DOCUMENTS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE: F-INCHES
TOLERANCES
ANGLES ± DECIMALS ± 1/2°
2 PLACE ±
3 PLACE ± .010
SURFACES
MICRO-INCHES

MATERIAL

FINISH

NEXT ASSEMBLY | MODEL

DATE 1-5-65

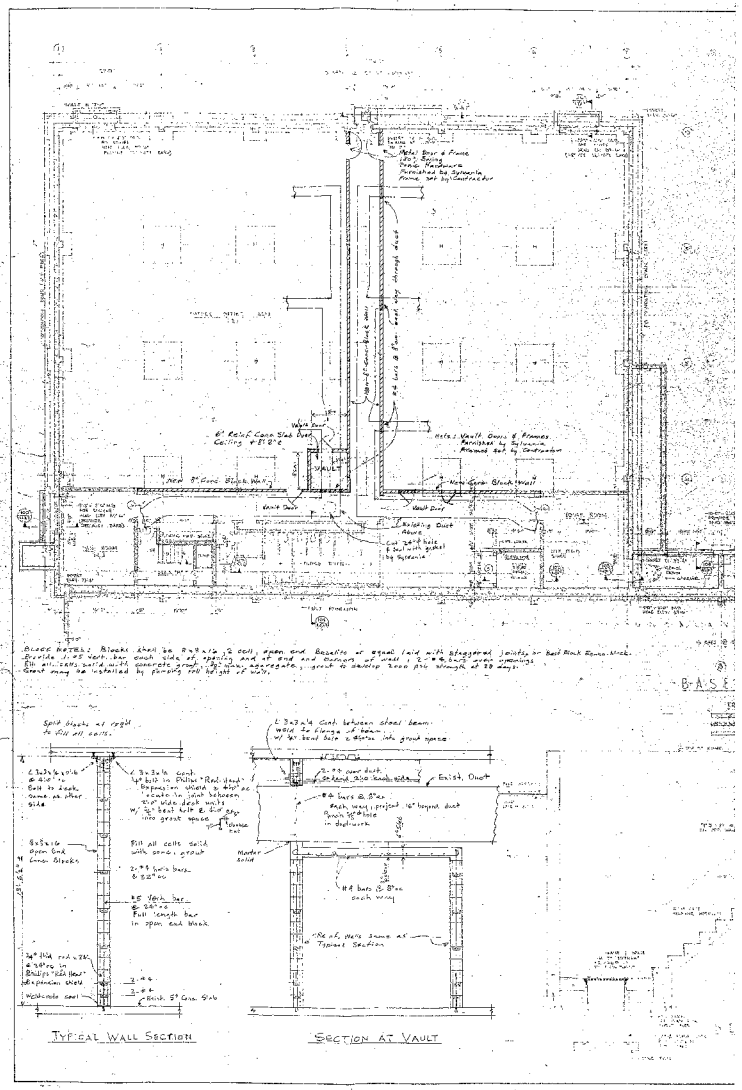
SYLVAN A ELECTRONIC SYSTEMS
DIVISION OF SYLVANIA ELECTRIC PRODUCTS INC
ELECTRONIC DEFENSE LABORATORIES P.O. BOX 205, MT. VIEW, CALIF.

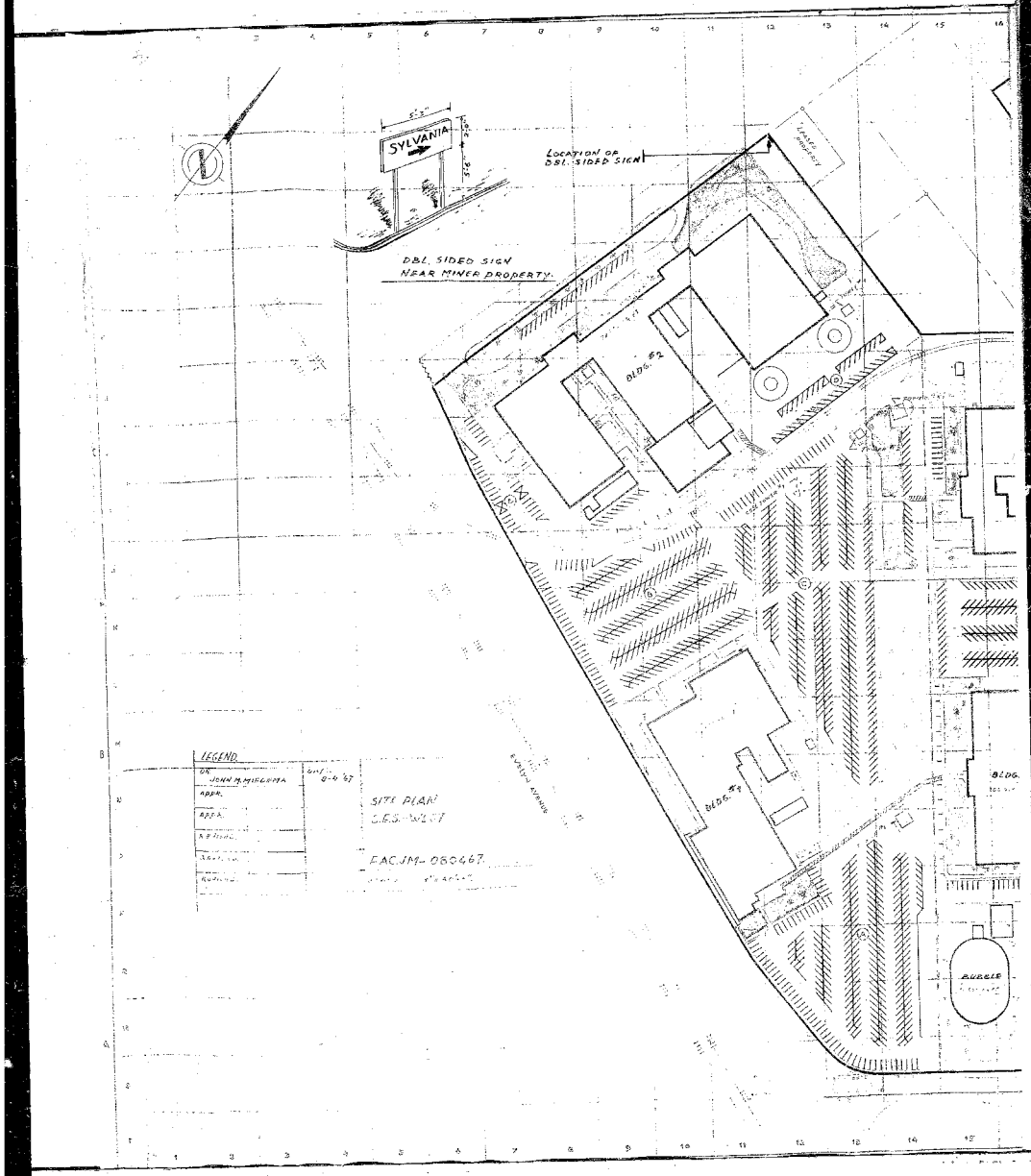
PLAN VIEW
39' & 49' LEVELS
TRANSMITTING ANTENNA TOWER

CODE IDENT 07397 | SIZE D | SK-J3 115-1

SCALE 3/4" = 1' | SHEET OF

FORM 1.5C 2369


Note: Door & Frame Not Shown
Furnished by Sylvania
Provided by Contractor
Note: Vault Doors & Frames
Furnished by Sylvania
Provided by Contractor
VAULT
New 8" Conc. Block Wall
Vault Door
Relocating Duct Above
Cut 24"x8" hole & Install grille by Sylvania
BASE
Split blocks at right to fill all cells.
Typical Wall Section
Section at Vault


SYLVANIA
LOCATION OF DBL. SIDED SIGN
DBL. SIDED SIGN NEAR MINER PROPERTY.
BLDG. #2
BLDG. #4
BLDG.
BUBBLE
LEGEND
DR. JOHN M. MIGLIORA
DATE 8-4-67
APPR.
SITE PLAN
C.E.S.-WEST
F.A.C.JM-080467