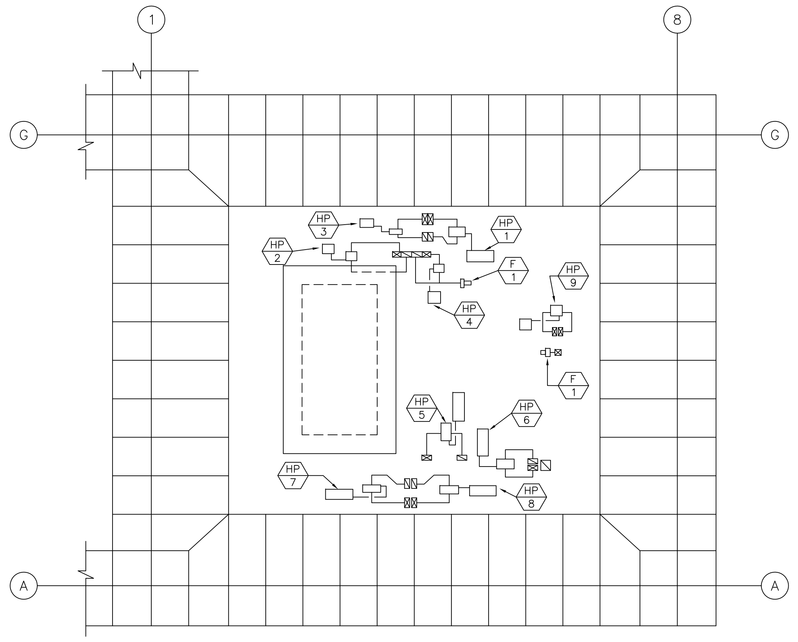
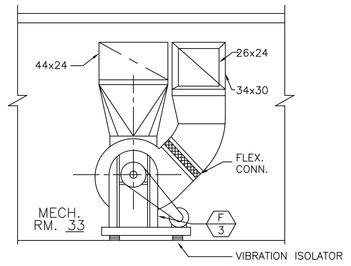
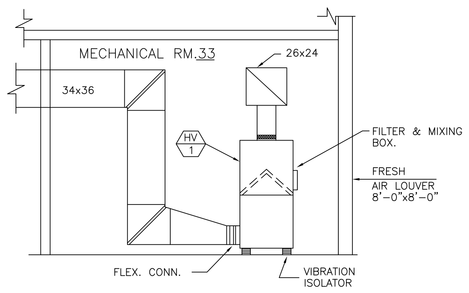



ROOF PLAN
SCALE: 1/16"=1'-0"

NORTH




SECTION A–A
SCALE: 1/4"=1'-0'




SECTION B–B
SCALE: 1/4"=1'-0'

## FAN SCHEDULE

| FAN. NO. | SERVICE | CFM | EST S.P. W.G. | MAX OULTET VELOCITY | | DISCH. | MOTOR H.P. | Ø | V. | TYPE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1a | GEN. TOILET EXHAUST | 1165 | 1/2 | 1500 | | CCW TH | 1/2 | 3 | 208 | UTILITY SET |
| 1b | BOARD RM. EXHAUST | 1200/900 | 1/2 | 1500 | | CW TH | 1/2 | 3 | 208 | UTILITY SET 2–SPEED MOTOR |
| 2 | PRES. TOILET EXH. | 100 | 1/4 | 1500 | | CW BH | 1/20 | 1 | 120 | UTILITY SET |
| 3 | CENTRAL RET.&EXH. | 7798 | 1 | 1500 | | CCW BAU | 2 | 3 | 440 | SISW CENTRIFUGAL |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

## HEATING COIL SCHEDULE

| COIL NO. | CFM. | E.A. | L.A. | EWT. | GPM | MIN. COIL SIZE HEIGHT | LENGTH | PIPE SIZE | TYPE |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 800 | 55° | 90° | 220° | 1.5 | 10 | 18 | 3/4" | BOOSTER |
| 2 | 560 | 55° | 90° | 220° | 1.1 | 10 | 14 | 3/4" | SAME |
| 3 | 700 | 55° | 90° | 220° | 1.5 | 10 | 18 | 3/4" | SAME |
| 4 | 500 | 55° | 90° | 220° | 1.0 | 10 | 12 | 3/4" | SAME |
| 5 | 350 | 55° | 90° | 220° | 1.0 | 8 | 12 | 3/4" | SAME |
| 6 | 1120 | 55° | 90° | 220° | 2.2 | 15 | 18 | 3/4" | SAME |
| 7 | 1680 | 55° | 90° | 220° | 3.3 | 15 | 27 | 3/4" | SAME |
| | | | | | | | | | |

## PUMP SCHEDULE

| PUMP NO. | SERVICE | GPM. | TDH. | MOTOR RPM. | H.P. | Ø | V. | TYPE |
|---|---|---|---|---|---|---|---|---|
| 1 | BLDG. HEATING CIRC. PUMP | 12 | 30 | 1750 | 1/3 | 1 | 120 | BASE MOUNTED |
| 2 | DOM. HOT WATER HTG. | 3 | 10 | 1750 | 1/8 | 1 | 120 | LINE MOUNTED |
| | | | | | | | | |
| | | | | | | | | |

## HEATING & VENTILATING UNIT SCHEDULE

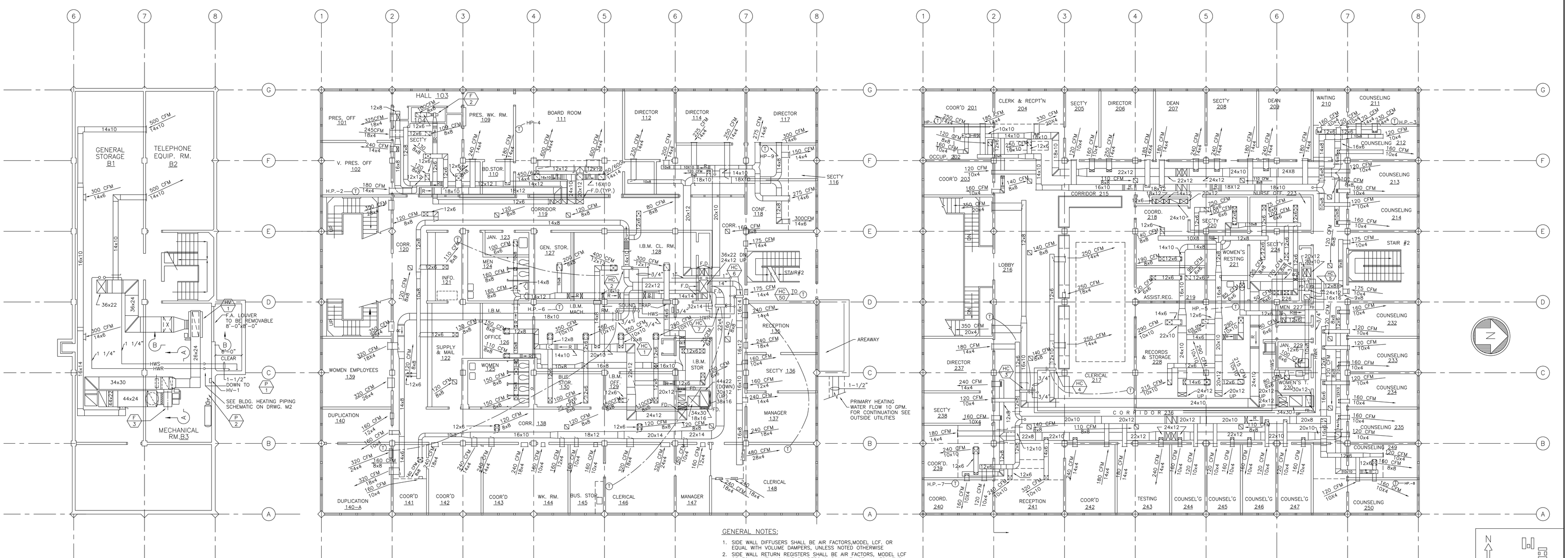
| H & V UNIT NO. | CFM. | EST SP. "WG" | MOTOR H.P. | Ø | V. | HEATING COIL MIN. F.A. | E.A. | L.A. | ROWS | GPM. | PIPE SIZE | TYPE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6210 | 1-1/2" | 3 | 3 | 440 | | – | – | – | – | | VERTICAL INVERTED |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

## HEAT PUMP SCHEDULE *

| UNIT No. | CE MODEL No. | NOMINAL COOLING CAPACITY | AUX HEAT | SERVICE | COYOTE POINT CAMPUS SERVICE |
|---|---|---|---|---|---|
| 1 | WT 53E | 4 TON | 15 KW | 2ND FLOOR S.W. | GYMNASIUM |
| 2 | WT 36E | 3 TON | 10 KW | 1ST FLOOR S.W. | LIBRARY |
| 3 | WT 36E | 3 TON | 10 KW | 2ND FLOOR N.W. | LIBRARY |
| 4 | WT 36E | 3 TON | 10 KW | BOARD ROOM | LIBRARY |
| 5 | WT 53E | 4 TON | 10 KW | 2ND FLOOR N.W. | LOCKERS |
| 6 | WT 53E | 4 TON | 10 KW | 1B.M. AREA | LOCKERS |
| 7 | WT 53E | 4 TON | 15 KW | 2ND FLOOR S.E. | GYMNASIUM |
| 8 | WT 53E | 4 TON | 15 KW | 2ND FLOOR N.E. | GYMNASIUM |
| 9 | WT 36E | 3 TON | 10 KW | 1ST FLOOR N.W. | LIBRARY |
| | | | | | |
| | | | | | |

* NOTE:

THESE HEAT PUMPS ARE PRESENTLY INSTALLED IN THE COYOTE POINT CAMPUS IN THE LOCATIONS INDICATED. THEY ARE TO BE REMOVED, CLEANED UP, CHECKED, PLACED IN "GOOD AS NEW" OPERATING CONDITION & RE–INSTALLED IN THE LOCATIONS SHOWN. COORDINATION OF THE REMOVAL & RE–INSTALLATION SHALL BE–MADE THRU THE COLLEGE AUTHORITIES & THE ARCHITECT.



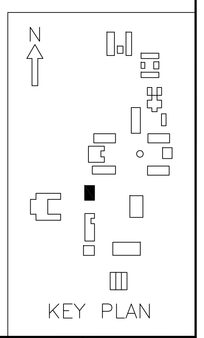

BASEMENT PLAN
SCALE: 1/8"=1'-0"

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

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

GENERAL NOTES:

1. SIDE WALL DIFFUSERS SHALL BE AIR FACTORS,MODEL LCF, OR EQUAL WITH VOLUME DAMPERS, UNLESS NOTED OTHERWISE
2. SIDE WALL RETURN REGISTERS SHALL BE AIR FACTORS, MODEL LCF OR EQUAL WITH VOLUME DAMPERS & SHALL EXACTLY MATCH THE SUPPLY DIFFUSERS IN APPEARANCE & HEIGHT
3. CEILING DIFFUSERS SHALL BE AIR FACTORS MODEL MOMJ OR EQUAL, PERFORATED PLATE UNITS WITH VOLUME DAMPERS
4. CEILING RETURN REGISTERS SHALL BE AIR FACTORS MODEL MOMJ PERFORATED PLATE UNITS W/VOLUME DAMPERS & SHALL EXACTLY MATCH THE CEILING SUPPLY DIFFUSERS IN APPEARANCE
5. ALL MAIN SUPPLY & RETURN DUCTS SHALL BE INTERNALLY SOUND INSULATED 30 FEET UPSTREAM & DOWNSTREAM FROM THE FANS
6. ALL ROTATING EQUIPMENT SHALL BE MOUNTED ON VIBRATION ISOLATORS & SHALL HAVE FLEX. CONNECTIONS TO DUCTS & PIPING
7. PROVIDE 3–WAY CONTROL VALVES @ 'DEAD ENDS' OF HEATING LINES ONLY ALL OTHER VALVES PROPORTIONING TYPE 2–WAY
8. ALL FLOOR MOUNTED EQUIPMENT TO BE ANCHORED TO THE FLOOR WITH NOT LESS THAN 1–1/2"ø ANCHOR BOLTS EACH CORNER




KEY PLAN

GEORGE W. HUTCHINSON
DIRECTOR OF BUILDING CONSTRUCTION

JULIO L. BORTOLAZZO
SUPERINTENDENT

SAN MATEO JUNIOR COLLEGE DISTRICT

JOHN CARL WARNECKE, ARCHITECT

JOHN. A. BLUME & ASSOC. ENGINEERS
STRUCTURAL ENGINEERS
KELLER & GANNON
MECHANICAL & ELECTRICAL ENGINEERS
ROYSTON, HANAMOTO AND MAYES
LANDSCAPE ARCHITECTS

JOHN CARL WARNECKE
A.I.A. ARCHITECT
111 NEW MONTGOMERY ST. • SAN FRANCISCO

# COLLEGE OF SAN MATEO

COLLEGE HEIGHTS CAMPUS — SAN MATEO, CALIF.

JOB NO.
DRAWN BY BMB
DATE 1 DEC. 1960
CHECKED BY RAW.

ADMINISTRATION BUILDING
PLAN AND DETAILS

BLDG. NO. 1

SHEET NO. M1 OF 2