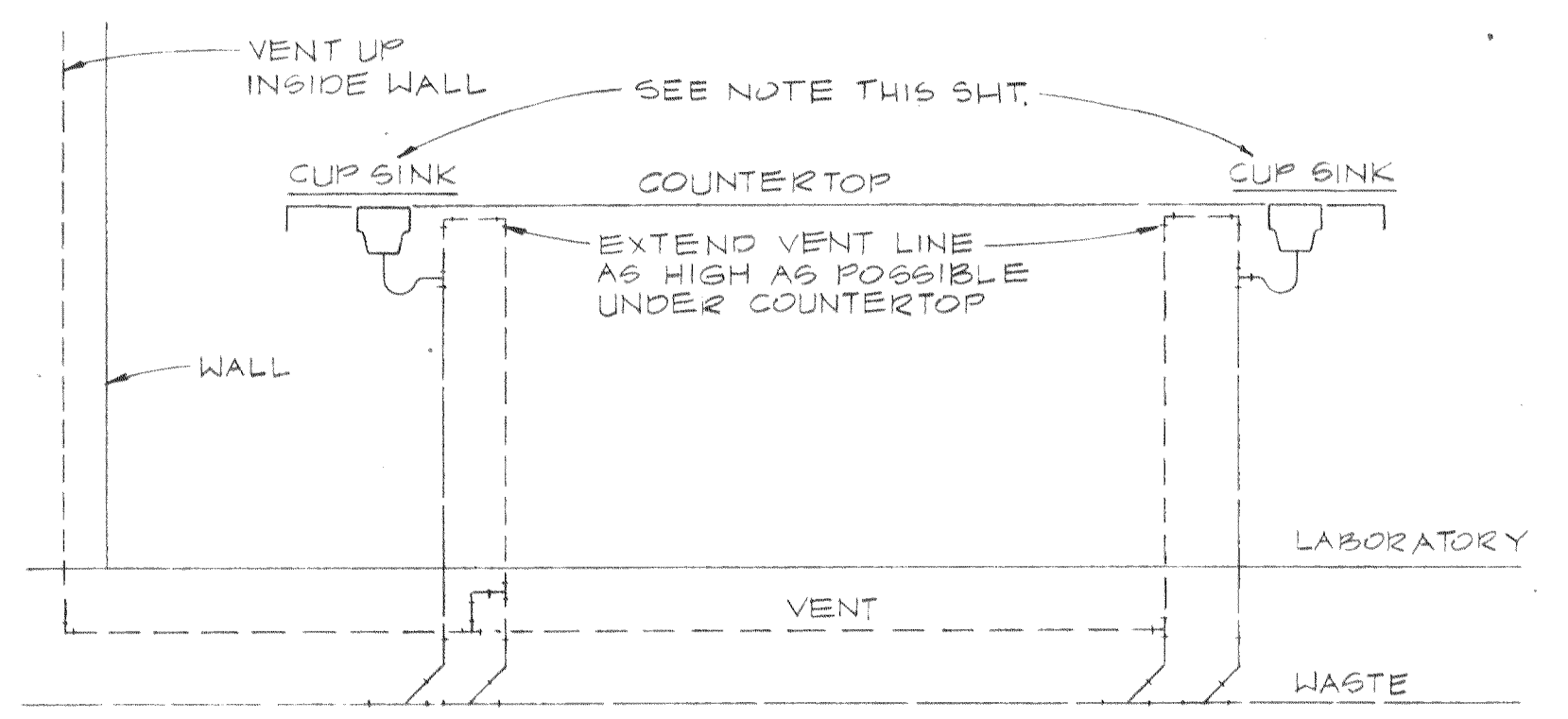
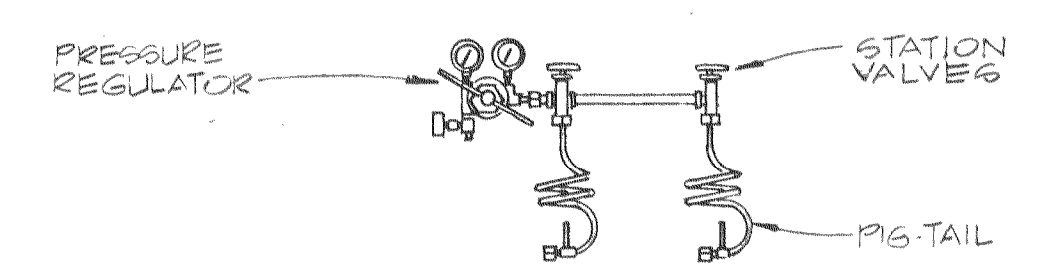


- SYMBOLS**
- SA SUPPLY AIR
  - RA RETURN AIR
  - AHD AIR HANDLING UNIT
  - SD SUPPLY DIFFUSER
  - RR RETURN REGISTER
  - ER RETURN GRILLE
  - AG EXHAUST REGISTER
  - RG RETURN GRILLE
  - EF EXHAUST FAN
  - DB DUCTWORK
  - TH THERMOSTAT
  - WASTE PIPING BELOW FLOOR
  - WASTE PIPING ABOVE FLOOR
  - VENT PIPING
  - CW COLD WATER PIPING
  - HW HOT WATER PIPING
  - W WASTE
  - V VENT
  - VTR VENT THRU ROOF
  - CW COLD WATER
  - HW HOT WATER
  - AFF ABOVE FINISHED FLOOR
  - BFF BELOW FINISHED FLOOR
  - SH SHOWER
  - SS SERVICE SINK
  - L LAVATORY
  - KII
  - S SINK
  - EDF ELECTRIC DRINKING FOUNTAIN
  - WC WATER CLOSET
  - V URINAL
  - CO CLEANOUT
  - FD-A FLOOR DRAIN 4" TYPE
  - FH FIRE HYDRANT
  - YH YARD HYDRANT
  - A AIR COMPRESSED
  - G PIPING GAS
  - VAC PIPING VACUUM
  - SF SUPPLY FAN
  - SH-1 EMERGENCY SHOWER
  - G.C. GENERAL CONTRACTOR
  - FGCO FINISH GRADE CLEANOUT

NOTE: ALL VENT PIPING IN OFFICE AREA IS ABOVE CEILING



**SCHEDULE OF EXHAUST & SUPPLY FANS**

EXHAUST OR SUPPLY FAN NO.	LOCATION	CFM	ELECTRICAL DATA	MFG./MODEL NO.	REMARKS
EF-1#2	OFFICE GARAGE	1800	1/4 HP 120V 1φ	PENNY BW 53	
EF-3#4	OFFICE TOILET	80	120V 1φ	ZEPHYRETT	
EF-5	BIO-FILTER GARAGE	3000	3/4 HP 480V 3φ	QB 36	
EF-6	BIO-FILTER NO 3	2000	1/4 HP 120V 1φ	WBL 24	
EF-7	LUNCH ROOM	550	1/10 HP 120V 1φ	FMX 9 R	
EF-8	LUNCH ROOM	240	1/10 HP 120V 1φ	XT-94	
EF-9	OFFICE LAB.	1300	1/6 HP 120V 1φ	FMX-14B	
SF-1	BIO-FILTER	520	1/12 HP 120V 1φ	REX 10 T	

NOTE: - THE FIXTURE SHALL BE SUPPLIED BY G.C. THIS CONTRACTOR SHALL MAKE V.W.I.C. & W.I. CONNECTIONS TO THE FIXTURE. SEE SPECS. FOR SUPPLY OF FITTINGS FOR THE FIXTURES.

EPA PROJECT NO. C291090 Rev 3-B2 MCK

M2

**GBA**  
GEORGE BUTLER ASSOCIATES  
CONSULTING ENGINEERS/ARCHITECTS  
LANDSCAPE ARCHITECTS/PLANNERS

**OFFICES:**  
SUITE 305-A FAIRWAY OFFICE CENTER  
4210 JOHNSON DRIVE / SHAWNEE MISSION / KANSAS 66205  
1100 CITY CENTER SQUARE  
1100 MAIN / KANSAS CITY / MISSOURI 64105  
SUITE 134 LAKESIDE PLAZA II  
6700 CORPORATE DRIVE / KANSAS CITY / MISSOURI 64120

**WASTE WATER TREATMENT  
PLANT EXPANSION  
MAIN OFFICE BUILDING-FIRST FLOOR  
HVAC AND PLUMBING  
CITY OF FALLOON, MISSOURI**

DESIGNED BY J.P.A. DRAWN BY M.E.P. CHECKED BY G.E.S.

JOB NO 79-2065  
DATE 30 JULY 81  
SCALE AS SHOWN  
SHEET NO 75 of 88