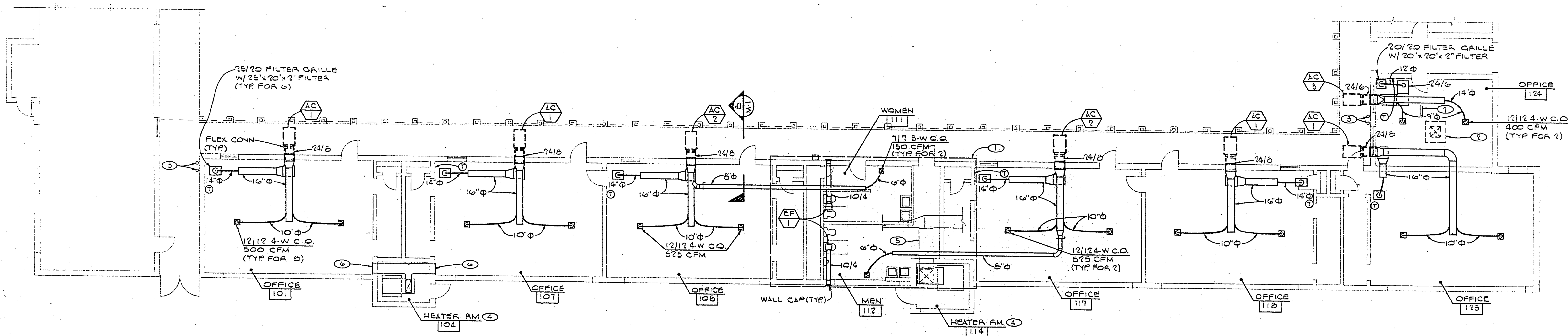
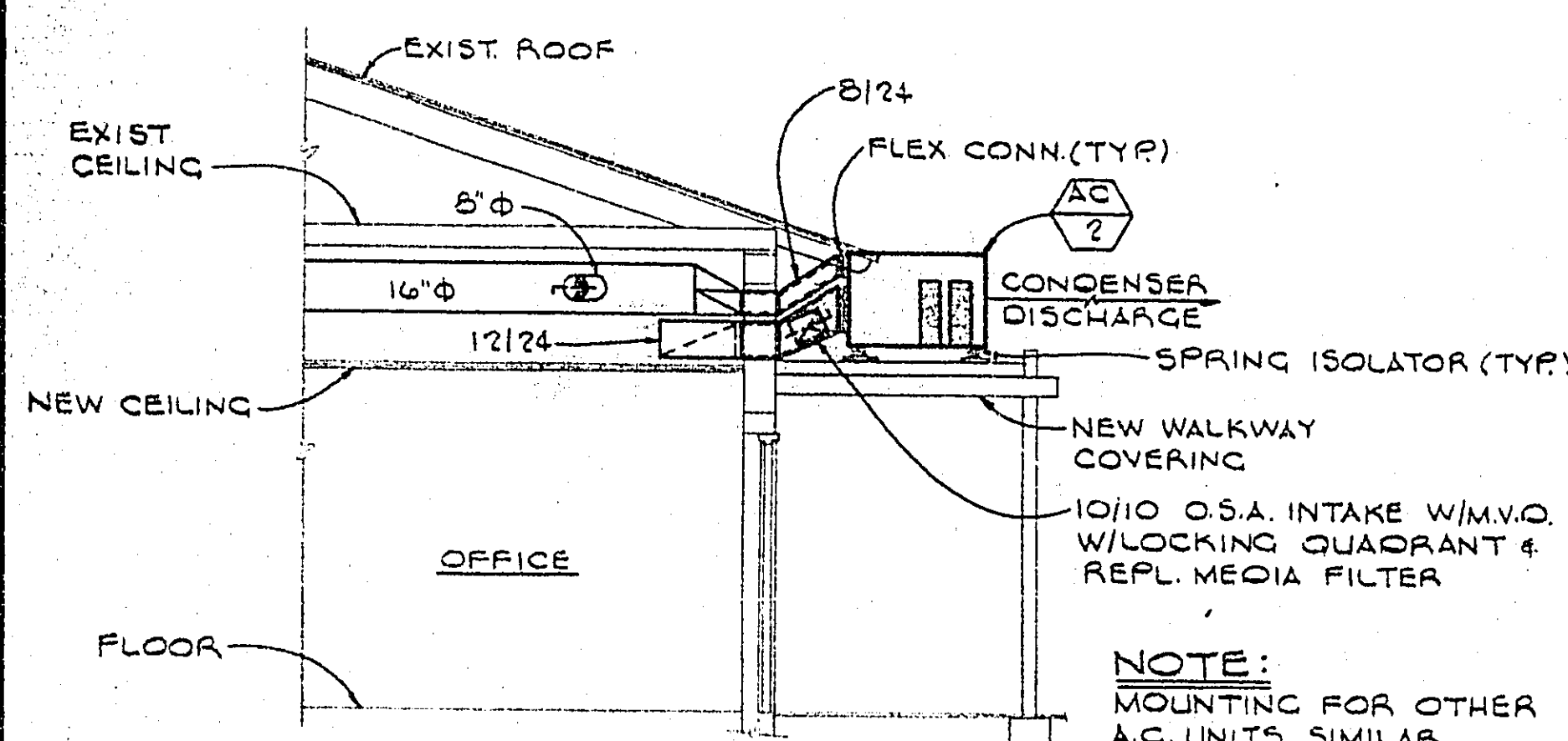
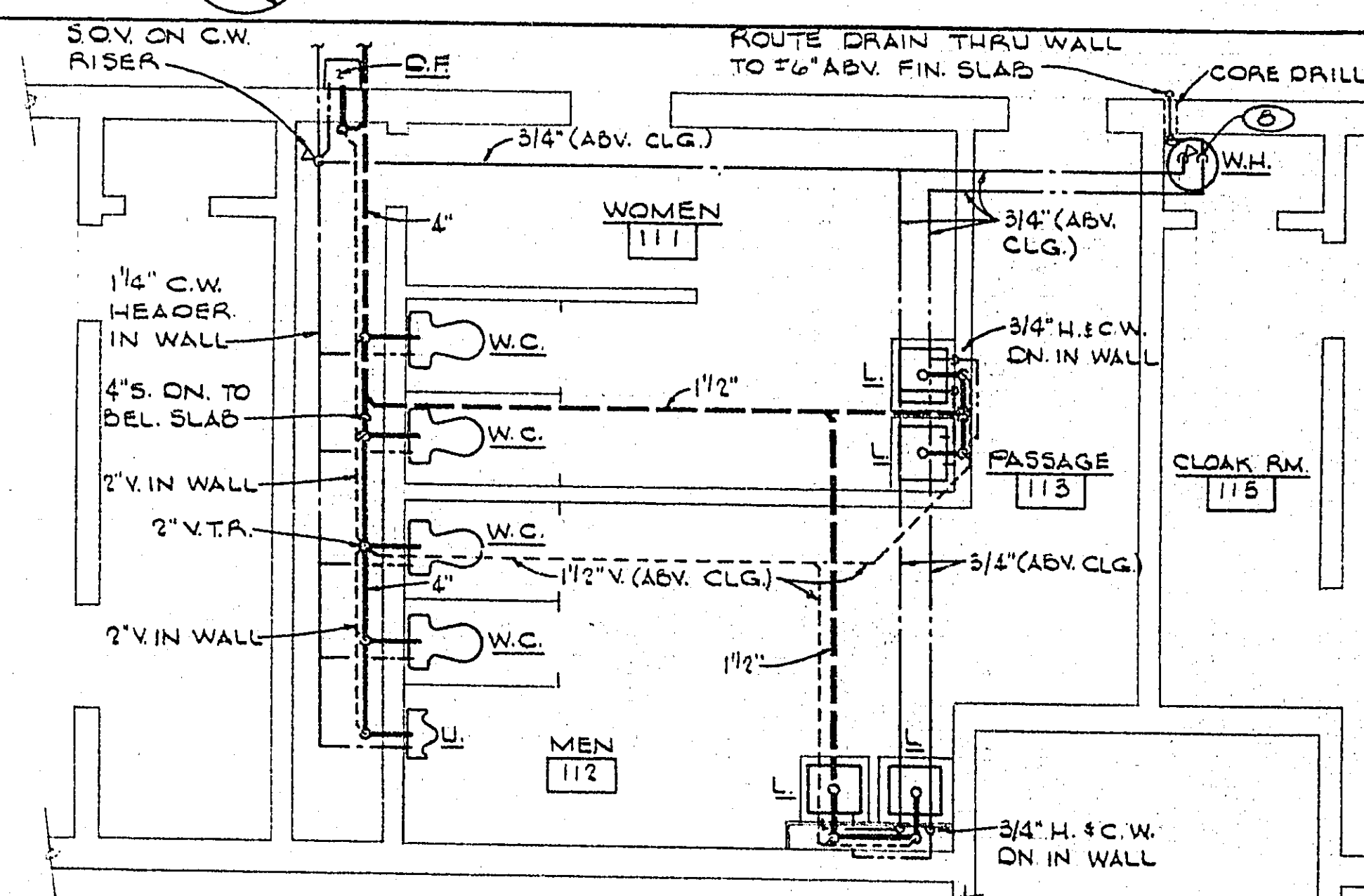




AIR CONDITIONING FLOOR PLAN (A)
1/8" = 1'-0"



SECTION (B)
1/4" = 1'-0"



PLUMBING PART PLAN (C)
1/4" = 1'-0"

AIR CONDITIONING EQUIP. SCH.

ITEM	DESCRIPTION
AC 1 (4 REQ'D)	LENNOX MOD. CHP9-311 PACKAGE HEAT PUMP FOR 1000 CFM AT 0.4" E.S.P. W/1/3 H.P. 208/230V/1Φ MOTOR, 24 MBH TOTAL 21.5 MBH SENSIBLE COOLING W/19.27/62.7 ENT. AIR & 108° AMBIENT, 16.8 MBH HEATING AT 20° AMBIENT. UNIT FOR 240V/1Φ FURNISH W/AUXILIARY ELECTRIC HEATER FOR 4.2 KW AT 230V/1Φ 350° MAX. OPERATING WT.
AC 2 (2 REQ'D)	LENNOX MOD. CHP9-411 PACKAGE HEAT PUMP FOR 1200 CFM AT 0.4" E.S.P. W/1/3 H.P. 208-230V/1Φ MOTOR, 30.0 MBH TOTAL 26.9 MBH SENSIBLE COOLING W/21.5/62.7 ENT. AIR & 108° AMBIENT, 22.5 MBH HEATING AT 20° AMBIENT. UNIT FOR 240V/1Φ FURNISH W/AUXILIARY ELECTRIC HEATER FOR 7.0 KW AT 230V/1Φ 375° MAX. OPERATING WT.
AC 3 (5)	LENNOX MOD. CHP9-261 PACKAGE HEAT PUMP FOR 800 CFM AT 0.4" E.S.P. W/1/4 H.P. 208-230V/1Φ MOTOR, 17.0 MBH TOTAL 15.0 MBH SENSIBLE COOLING W/20°/62° ENT. AIR & 108° AMBIENT, 14.0 MBH HEATING AT 20° AMBIENT. UNIT FOR 240V/1Φ FURNISH W/AUXILIARY ELECTRIC HEATER FOR 4.2 KW AT 230V/1Φ 325° MAX. OPERATING WT.
EF (2 REQ'D)	GREENHECK MOD. SP-25 CEILING MOUNTED EXHAUST FAN FOR 200 CFM AT 0.15" S.P. W/1/40 H.P. 120V/1Φ MOTOR, 1050 MAX. RPM, 2.4 SONES FURNISH W/WLSP WALL LOUVERED DISCHARGE ACCESSORY.

MECHANICAL SYMBOLS & LEGEND

ABBR.	SYMBOL	DESCRIPTION
S.O.W.	---	SOIL WASTE OR SEWER BELOW GRADE
S.A.W.	---	SOIL WASTE OR SEWER ABOVE GRADE
V	---	VENT
C.W.	---	COLD WATER
H.W.	---	HOT WATER
D	---	DRAIN
S.O.V.	---	SHUT-OFF VALVE
REL.V.	---	RELIEF VALVE
C.O.	---	CLEANOUT
W.C.O.	---	WALL CLEANOUT
V.T.R.	---	VENT THRU ROOF
T	---	THERMOSTAT
M.V.D.	---	MANUAL VOLUME DAMPER
REG.	---	REGISTER
C.D.	---	CEILING DIFFUSER
S.A.	---	SUPPLY AIR
R.A.	---	RETURN AIR
E.A.	---	EXHAUST AIR
O.S.A.	---	OUTSIDE AIR
S.P.	---	STATIC PRESSURE
P.O.C.	---	POINT OF CONNECTION
F.P.	---	FREEZE PROOF

PLUMBING FIXTURE SCHEDULE

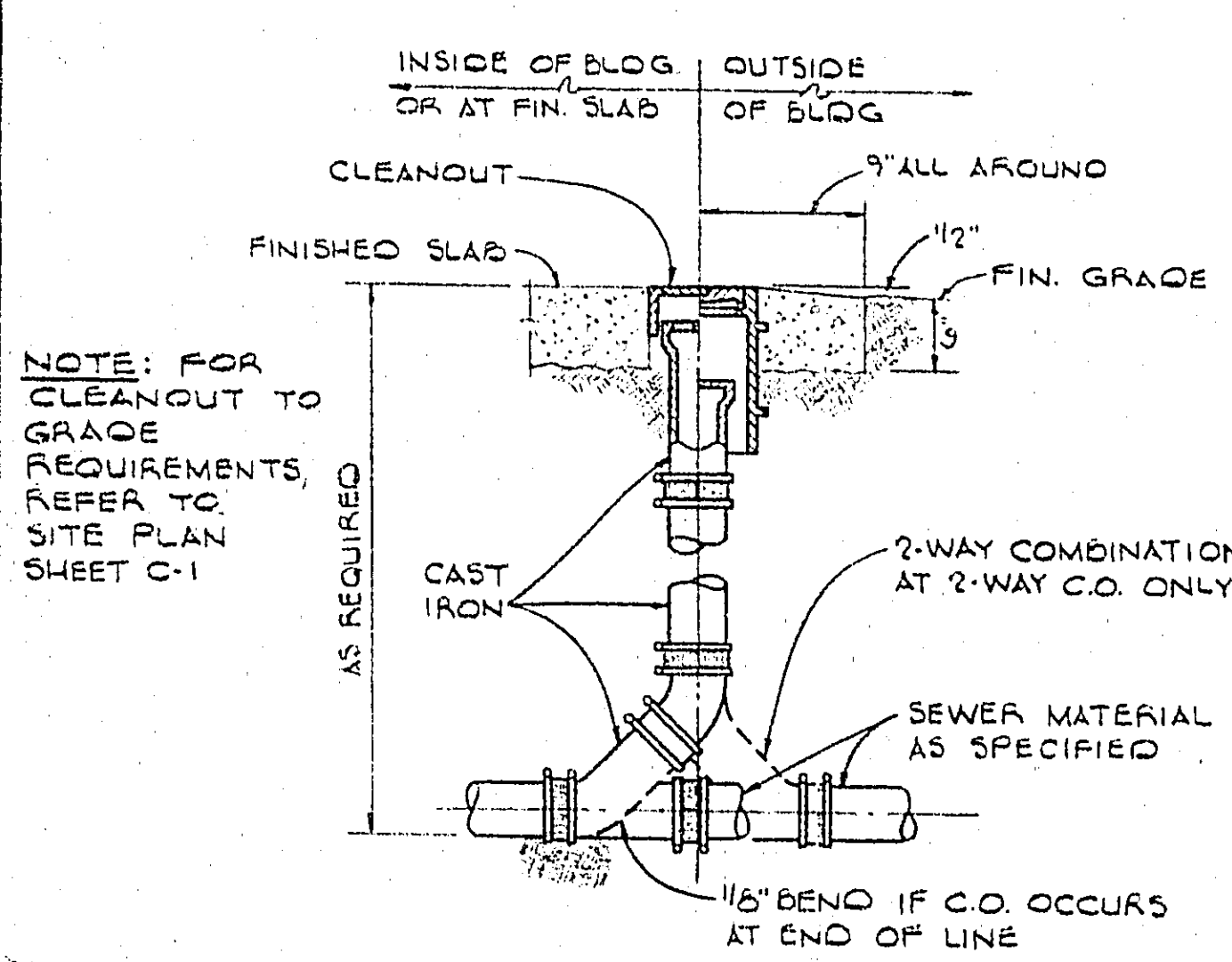
ABBR.	FIXTURE	ROUGH-IN SIZES (INCHES)	REMARKS
W.C.	WATER CLOSET	1/2" 2" 2" 2" 2"	FLUSH TANK, FLR. MTD.
U	URINAL	3/4" 1/2" 2" 2" 2"	FLUSH VALVE, WALL HUNG
L	LAVATORY	1/2" 1/2" 1/2" 1/2" 1/2"	WALL HUNG
D.F.	DRINK. FOUNTAIN	1/2" 1/2" 1/2" 1/2" 1/2"	WALL HUNG, R.P.
W.H.	WATER HEATER	1/2" 1/2" 1/2" 1/2" 1/2"	A.O. SMITH MODEL KEN 15/GES15 FOR 15 GALLON STORAGE, SINGLE HEATING ELEMENT FOR 1.0 K.W. AT 120V/1Φ

NOTES (THIS SHEET, ONLY)

- FOR PLUMBING THIS AREA, SEE (C) M-1.
- REMOVE EXIST. EVAP. COOLER & ASSOCIATED DUCTWORK. PATCH ALL OPENINGS AS REQ'D TO MATCH EXIST., SEE ARCH.
- REMOVE EXIST. DRINKING, FOUNTAIN, COLDWATER & WASTE LINE. CAP AS REQ'D.
- REMOVE ALL EXIST. EQUIPMENT & DUCTWORK AS REQ'D. PATCH ALL WALL OPENINGS TO MATCH EXIST. OR NEW, AS REQ'D, SEE ARCH.
- REMOVE EXIST. 33/35 DUCT FROM HEATER ROOM TO BRANCH TAKE-OFF ABOVE CEILING. EXIST. DUCTWORK ABOVE CEILING TO BE CAPPED & ABANDONED IN PLACE OR REMOVED AS REQ'D TO MAKE ROOM FOR NEW EXIST. ROUND C.O.'S. IN OFFICES TO BE ABANDONED IN PLACE OR REMOVED AS REQ'D.
- REMOVE EXIST. 24/12 S.A. GRILLE. PATCH WALL OPENING AS REQ'D TO MATCH NEW, SEE ARCH.
- REMOVE EXIST. S.W. REG. & PATCH WALL TO MATCH EXIST.
- PRESS & TEMP. RELIEF VALVE, PIPE FULL SIZE DRAIN TO OUTSIDE.

GENERAL NOTES

- ROUND SHEET METAL DUCTWORK SHALL BE MACHINE FORMED SPIRAL DUCT.
- ALL NEW EQUIPMENT SHALL BE PLACED INTO OPERATION BY AN AUTHORIZED FACTORY SERVICE REPRESENTATIVE. A WRITTEN REPORT VERIFYING THE START-UP & OPERATING CONDITIONS SHALL BE SUBMITTED TO THE ARCH.



CLEANOUT DETAIL (I)
NO SCALE

ALL IDEAS, DESIGN ARRANGEMENTS AND PLANS INDICATED OR NOTED ON THESE PLANS ARE THE PROPERTY OF WALTER F. ZICK & HARRIS P. SHARP, ARCHITECTS - ENGINEERS. NO PART OF THESE PLANS SHALL BE REPRODUCED OR USED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF WALTER F. ZICK & HARRIS P. SHARP, ARCHITECTS - ENGINEERS, INC.

MEMBERS OF THE
A. I. A.
WALTER F. ZICK & HARRIS P. SHARP
ARCHITECTS - ENGINEERS, INC.
LAS VEGAS, NEVADA



FROM THE OFFICE OF:
WALTER F. ZICK & HARRIS P. SHARP
ARCHITECTS - ENGINEERS, INC.
LAS VEGAS, NEVADA

WEST SIDE GRADE
SCHOOL RENOVATION
LAS VEGAS, NEVADA
JOB NUMBER
570-2
DATE
JAN. 19, 1977
DRAWN BY
H.P.
CHECKED
E.P.D.
SHEET NUMBER
M-1
OF
1

