EVAPORATIVE COOLER ON ROOF SEE DETAIL M1 B

EC 1

EVAPORATIVE COOLER ON ROOF. INSTALLATION SIMILAR TO EC 1 SEE DETAIL M1 B

EC 2

W.H. CLOS. A-107

1" G. CONN. TO S.U.H. PROVIDE S.O.V. (TYP.)

3" G. RISE

RUN AT CEILING OF COVERED PASSAGE

ECW

HAND PAINT RM. A-101

3/4" P.O.C.

1/2" C.W. RISE CONN. TO E.C. PROVIDE S.O.V.

ECW CLOS. A-105

3/4" P.O.C.

LAV. A-106

S.O.V.

1/2"

1/2" C.W. RISE CONN. TO E.C. PROVIDE S.O.V.

UH 3

BOY'S LAV. A-115

2" EQ

P.O.C.

S.O.V.

2"

UH 1

1 1/4"

42" X 22" ABV. ROOF

42" X 22" DN. THRU ROOF

HALL A-108

STAIRWELL A-109

METAL STOR CLOS. A-110

30" X 22" ABV. ROOF

30" X 22" DN. THR. ROOF

30" X 22" BEL. ROOF TO PLENUM

48" X 48" S.A. PLENUM TO 30" BEL. BOTTOM CORD OF TRUSS JOISTS. 30" X 18" S.W.R. EACH SIDE. 1,700 C.F.M. EACH.

CUST. ROOM A-116

OFFICE A-111

METAL SHOP A-114

HEATER RM. A-102

48" X 48" S.A. PLENUM TO 30" BELOW BOTTOM CORD OF TRUSS JOISTS 30" X 18" S.W.R. EACH SIDE 2,000 C.F.M. EACH SEE DETAIL M1 B

UH 4

SUSPENDED UNIT HTR. M.H. 12'-0" BOTTOM TO F.L.R. SEE DETAIL M1 E (TYPICAL FOR UH 1)

UH 2

LUMBER STOR. RM. A-103

WOOD SHOP A-104

WOOD SHOP TOOL ROOM A-112

METAL SHOP TOOL ROOM A-113

5" ϕ V.T.R. SEE DETAIL M3 M (TYP.)

UNIT "A"

11" X 42"

22" X 42"

SEE PLAN FOR DUCT SIZES @ METAL SHOP

EXISTING STRUC. TIES BETWEEN TRUSS JOISTS.

48" X 48" S.A. PLENUM

30" X 18" S.W.R. EACH SIDE

3'-0"

WOOD & METAL SHOP REGISTER

NO SCALE: DETAIL M1 A

FLEXIBLE CONNECTION 22" X 42"

FLASHING SEE DETAIL M3 E

22" X 42"

ANGLE IRON BASE SEE DETAIL M1 D

EVAPORATIVE COOLER

NO SCALE: DETAIL M1 B

EVAPORATIVE COOLER EC 3

FLEXIBLE CONNECTION

FLASHING SEE DETAIL M3 E

ANGLE IRON BASE SEE DETAIL M1 D

24" X 18" S.W.R. EACH SIDE

30" X 30" PLENUM

LAMINATED BEAM

NO CUTTING OF RAFTERS ALLOWED

PARTIAL SECTION

NO SCALE: DETAIL M1 C

AIR COND. UNIT ON ROOF SEE DETAIL M1 L

AC 2

GAS RISE ABV. ROOF (TYPICAL)

1"G. RISE CONNECTION W/ S.O.V. (TYPICAL)

AIR COND. UNIT ON ROOF SEE DETAIL M2 L

AC 3

W.H. CLOS. B-116

FITTING ROOM B-120

GIRL'S LAV. B-124

RELOCATED VENT

CAP

P.O.C.

DUCT TO REMAIN

REMOVE

DISCONNECT EXIST. EXH. FAN. RELOCATE & RECONNECT

COOKING RM. STOR. B-119

STOR. RM. B-121

TOIL. RM. B-122

JAN. CLOS. B-125

SEWING RM. B-123

SUPPLY STOR. RM. B-126

COOKING ROOM B-117

20" X 20" R.C.R. IN 24" X 24" FILLER PANEL 1,350 C.F.M. (TYP. FOR 2)

12" X 12" C.D. (4 CORES) IN 24" X 24" FILLER PANEL W/ 4" DEEP DROP FRAME 400 C.F.M.

20" X 20" C.D. (4 CORES) IN 24" X 24" FILLER PANEL W/ 4" DEEP DROP FRAME 1,300 C.F.M. (TYP. FOR 2)

UNIT "B"

RUN AT CEILING OF COVERED PASSAGE

OFFICE C-132

10" X 10" R.C.R. 505 C.F.M.

GAS RISE ABOVE ROOF TYPICAL

AC 5

1"G. RISE CONNECTION W/ S.O.V. (TYPICAL)

WOMEN'S REST RM. C-138

FIRST AID T. C-127

BEL. CLG.

12"ϕ

AC 4

18" X 12"

12" X 12" R.C.R. 340 C.F.M.

MEN'S TOIL. B-140

WOMEN'S T. B-139

10" X 10" C.D. 210 C.F.M.

FIRST AID ROOM C-128

10" X 10" R.C.R. 210 C.F.M.

10" X 10" R.C.R. 505 C.F.M.

CONFERENCE RM. C-133

AIR CONDITIONING UNIT ON ROOF SEE DETAIL M3 L

12" X 12" C.D. 340 C.F.M.

HALL C-134

CLOS. C-135

8" X 8" C.D. 180 C.F.M.

14" X 14" R.C.R. 510 C.F.M.

COUNSELOR C-129

COUNSELOR # 2 C-131

HALL C-130

8" X 8" R.C.R. 170 C.F.M.

18" X 12" S.W.R. 710 C.F.M. M.H. 12'-0" FROM FLR. TO ℄ (TYP. FOR 2)

OFFICE WORK & STOR. RM C-136

8" X 8" C.D. 170 C.F.M.

14" X 14" C.D 510 C.F.M.

TEACHER'S LOUNGE C-137

10" X 10" C.D. 255 C.F.M.

8" X 8" R.C.R. 130 C.F.M.

12" X 12" R.C.R. 315 C.F.M.

20" X 20" R.C.R. 1,035 C.F.M. (TYPICAL FOR 2)

NOTES:

1. ALL CEILING DIFFUSERS TO HAVE FOUR CORES.
2. ALL CEILING DIFFUSERS TO HAVE 24" X 24" FILLER PANELS WITH 4" DEEP DROP FRAME.
3. ALL RETURN CEILING REGISTERS TO HAVE 24" X 24" FILLER PANELS.

AIR COND. UNIT ON ROOF SEE DETAIL M3 L

AC 6

3/4" I.W. ABV. ROOF RUN TO EXIST. GUTTER

LIBRARY C-141

14" X 14" C.D. 550 C.F.M. (TYPICAL FOR 4)

UNIT "C"

GAS RISE ABV. ROOF (TYPICAL)

1"G. RISE CONNECTION W/ S.O.V. (TYPICAL)

20" X 20" R.C.R IN 24" X 24" FILLER PANEL 1,030 C.F.M. (TYPICAL FOR 2)

1" I.W. TO EXIST. V.T.R. ABV. ROOF

AIR COND. UNIT ON ROOF SEE DETAIL M3 A

AC

ABV. ROOF

AIR COND. UNIT ON ROOF SEE DETAIL M3 L

AC 7

SPECIAL TRAINING D-142

ART ROOM D-142

14" X 14" C.D. (4 CORES) IN 24" X 24" FILLER PANEL WITH 4" DROP FRAME 550 C.F.M. (TYPICAL FOR 4)

UNIT "D"

EVAPORATIVE COOLER BASE

NO SCALE: DETAIL M1 D

(ROOFERS TO CUT AND FASTEN ROOFING AS NECESSARY INSTALLED IN LIEU OF TURF OPENING)

1/4" x 8" "U" ℄ WITH 1-1/2" H.B., (TYP.)

1" ϕ PIPE (2 REQ'D.)

1" ϕ PIPE (2 REQ'D.)

1/4" x 4" x 4" PLATE WITH 2-1/4" M.B. BOLT TO HEATER CASING.

SUSPENDED UNIT HEATER

NO SCALE: DETAIL M1 E

FLOOR PLANS

SCALE: 1/4" = 1'-0"

N