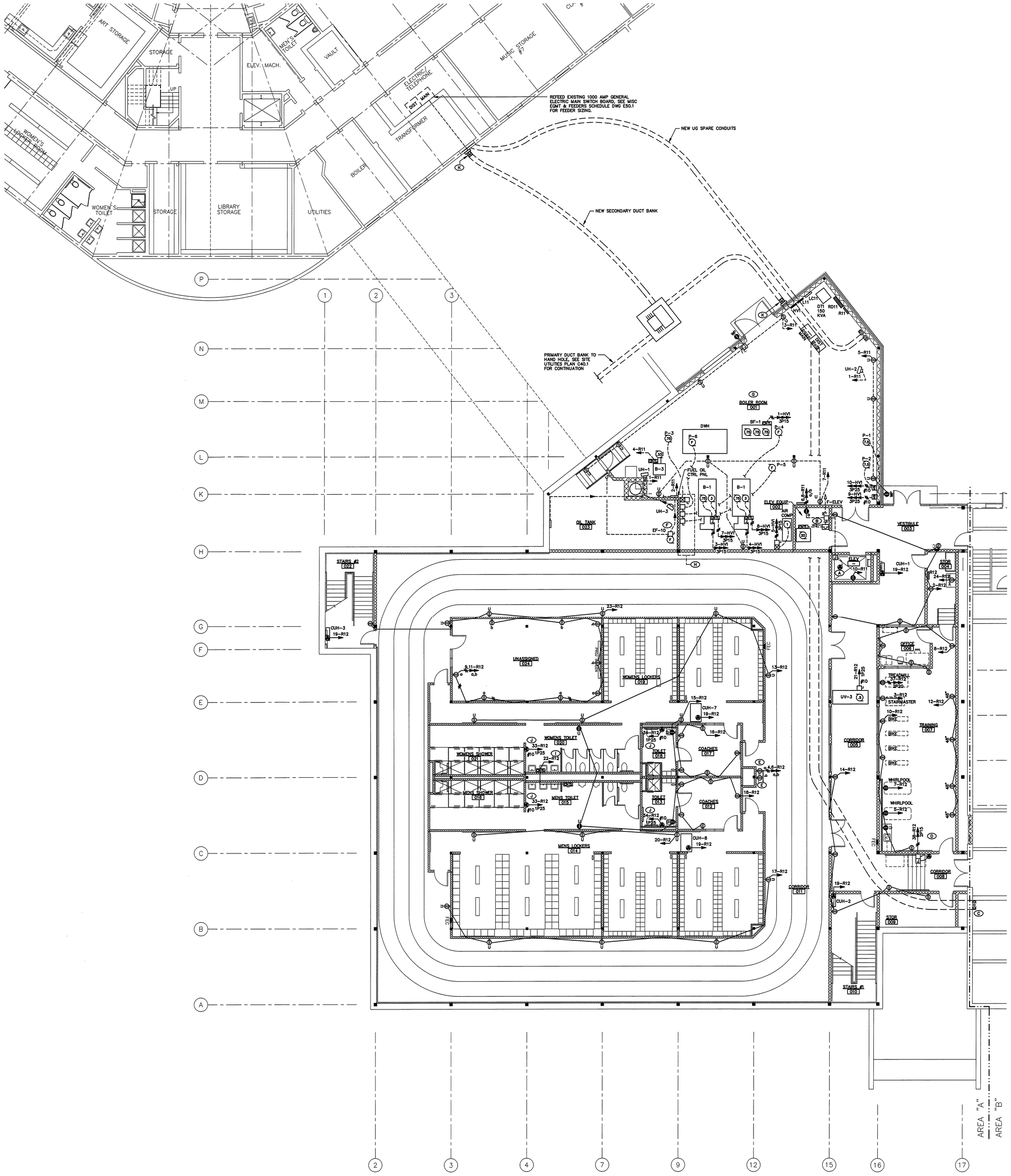
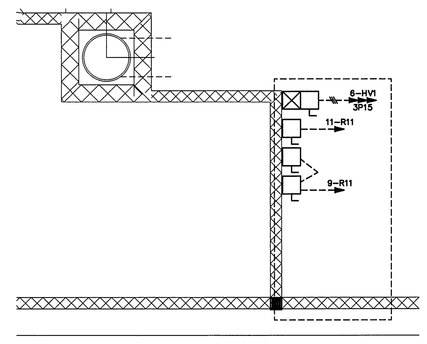




ENLARGED BOILER ROOM PART PLAN — C1

1/4" = 1'-0" | 0 2' 4' 6' | REF:

SECTION D — PVC CONDUIT, SIZE AS NOTED ON PLAN DRAWING

SECTION C — 5" PVC CONDUIT TYPICAL

SECTION B — 5" PVC CONDUIT TYPICAL

SECTION A — 5" PVC CONDUIT TYPICAL

SECTION F — 4" PVC CONDUIT TYPICAL

SECTION E — 3" PVC CONDUIT TYPICAL

CONDUIT LEGEND

P	PRIMARY ELECTRICAL
PS	PRIMARY ELECTRICAL SPARE
T	TELEPHONE AND COMMUNICATIONS
TS	TELEPHONE & COMMUNICATIONS SPARE
E	SECONDARY ELECTRICAL
ES	SECONDARY ELECTRICAL SPARE

CONDUIT DUCT SECTIONS — B1

NOT TO SCALE | REF:

GENERAL NOTES

1. THIS PLAN HAS BEEN COMPILED FROM FIELD OBSERVATIONS AND OWNER SUPPLIED DRAWINGS. FIELD VERIFY ALL CONDITIONS AND OBSERVE NECESSARY SAFETY PRECAUTIONS BEFORE DOING ANY WORK.
2. RUN ANY SURFACE WIRING AS INCONSPICUOUS AS POSSIBLE, IN WALL AND CEILING CORNERS WHERE POSSIBLE.
3. DEVICES WITH AN "E" ARE EXISTING, "ER" REPLACE EXISTING, "RL" RELOATE, "N" NEW, AND "R" REMOVE.
4. DEVICES WITH CONTINUOUS LINETYPE ——— INDICATE NEW UNLESS OTHERWISE INDICATED.
5. DEVICES WITH DASHED LINETYPE – – – INDICATE EXISTING TO REMAIN UNLESS OTHERWISE INDICATED.
6. DEVICES WITH HIDDEN LINETYPE – – – – INDICATE REMOVE UNLESS OTHERWISE INDICATED.
7. IN EVENT ANY UNSAFE WIRING IS ENCOUNTERED, IMMEDIATELY NOTIFY ENGINEER FOR CORRECTIVE ACTION.

KEYED NOTES

(A) PROVIDE DISCONNECT AND CIRCUIT FOR ELEVATOR CAR POWER. COORDINATE WITH ELEVATOR PROVIDER AND MAKE NECESSARY ELECTRICAL CONNECTIONS. MOUNT J-BOX IN ELEVATOR SHAFT PER ELEVATOR MANUFACTURER'S RECOMMENDATION.

(B) WIRE ELEVATOR CIRCUIT BREAKER TO ELEVATOR EQUIPMENT. SEE ELEVATOR SHUNT TRIP WIRING DIAGRAM ON DRAWING E40.1 FOR SHUNT TRIP WIRING REQUIREMENTS. COORDINATE WITH ELEVATOR PROVIDER AND JOB ADJUST CIRCUIT BREAKER MOUNTING LOCATION TO MAINTAIN SWITCH ACCESS.

(C) EXTEND CONDUITS SERVING EXISTING ACADEMIC BLDG (ABF A & ABF B) TO NEW PNL HV2. CAP SPARE ABOVE FLOOR.

(D) PROVIDE WITH LOCKABLE DISCONNECT, COORDINATE WITH CHAIR LIFT PROVIDER. WIRE PER MANUFACTURER'S RECOMMENDATION.

(E) MOUNT WATER COOLER RECEPTACLE 22.5" AFF. COORDINATE LOCATION WITH WATER COOLER PROVIDER.

(F) WIRE SPEED SWITCH TO EXHAUST FAN. COORDINATE WITH MC. SPEED SWITCH PROVIDED WITH FAN BY MC.

(G) WIRE CIRCUIT 13-R11 TO CONTROL PANEL. COORDINATE LOCATION WITH ATC.

(H) SEE ENLARGED BOILER ROOM PART PLAN DETAIL, B1 THIS SHEET, FOR PUMP CIRCUIT NUMBERS.

(I) PROVIDE POWER TO WATER CLOSET AND URINAL CONTROL TRANSFORMER. COORDINATE WITH PLUMBING CONTRACTOR.

(J) POWER FOR ELECTRIC HAND DRYER.

(K) PROVIDE NEW METER SOCKET AND CT CABINET PER CMP'S REQUIREMENTS

GROUND FLOOR PLAN POWER – AREA A — A1

1/8" = 1'-0" | 0 4' 8' 12' | REF:

Architects • Engineers
HARRIMAN ASSOCIATES
One Auburn Business Park
Auburn, Maine 04210
207.784.5100 tel
207.782.3017 fax
www.harriman.com
Building communities since 1920

© 2004

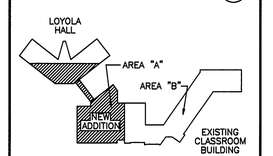
Project Title

CHEVERUS HIGH SCHOOL PHASE 3-ADDITIONS & RENOVATIONS

PORTLAND, MAINE

HA Project No. 02103

Key Plan



SEAL

STATE OF MAINE — COLIN C. HEWETT 8374 — REGISTERED PROFESSIONAL ENGINEER — 5/17/04

Ames Hewett & Gifford
CONSULTING ENGINEERS & DESIGNERS
161 MAIN STREET WINTHROP, MAINE
Tel 207-377-6909 Fax 207-377-7564
AHG Proj No: 04028

Mark	Date	Description
–	05-17-04	OWNER REVIEW
–	05-28-04	ISSUED FOR BID

Issue Dates

Drawing Status

Drawing Title

GROUND FLOOR PLAN POWER AREA A

PA / PE: CCH | Drawn By: –

Drawing Number

E20.1A

PLOT DATE: 05-28-04