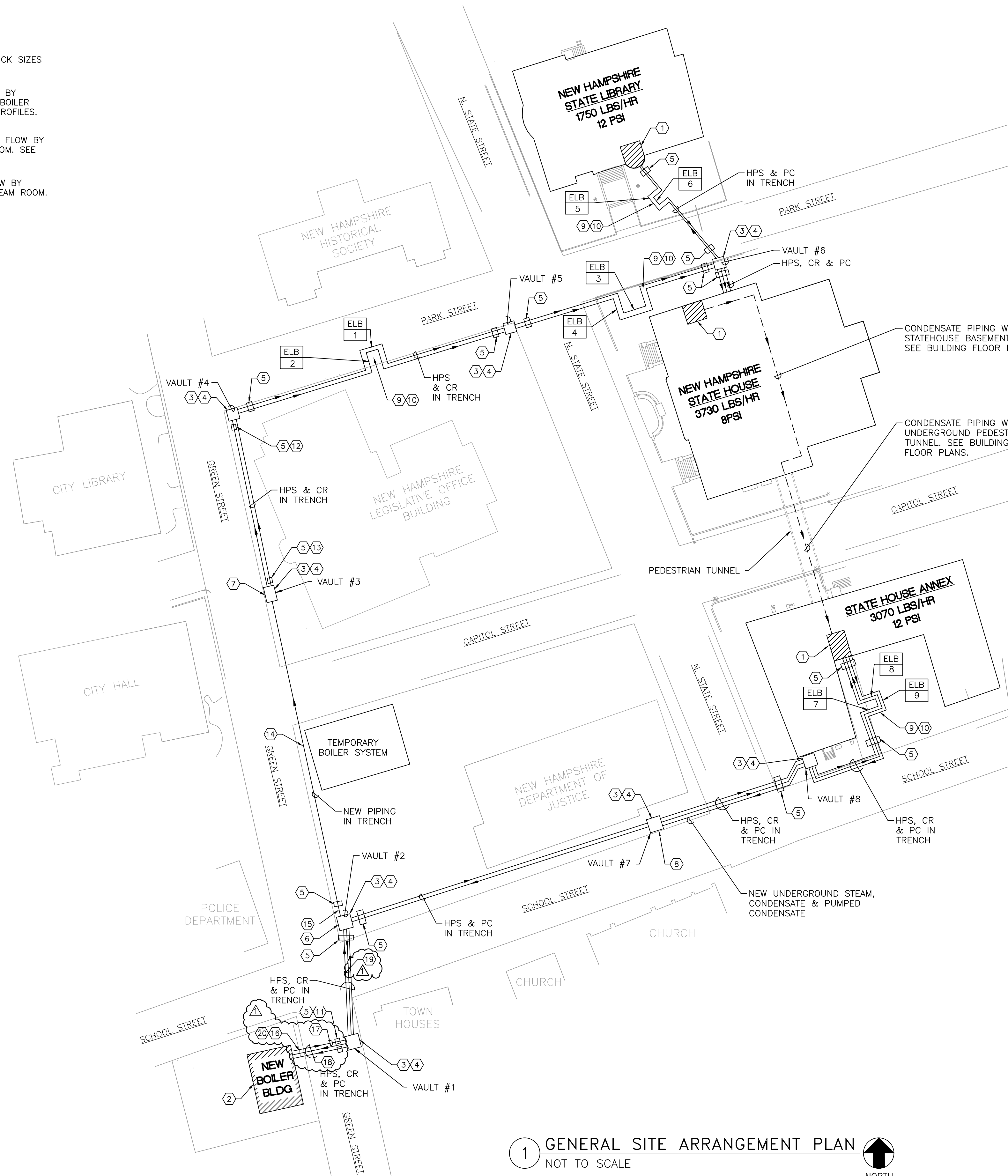


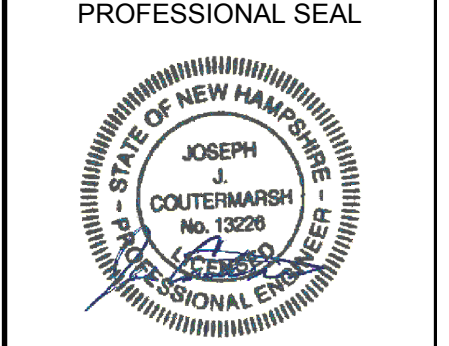
KEY NOTES

- 1 SEE MECHANICAL PLANS FOR CONTINUATION OF PIPING AND WORK WITHIN BUILDINGS.
- 2 SEE BOILER PLANT FLOOR PLANS FOR CONTINUATIONS OF PIPING AND EQUIPMENT IN BOILER PLANT.
- 3 SEE VAULT MECHANICAL PLANS FOR PIPING LAYOUT AND ARRANGEMENT WITHIN VAULTS, DRAWINGS M4.6, M4.7 & M4.8.
- 4 SEE CIVIL DRAWINGS FOR VAULT LOCATIONS.
- 5 REFER TO DRAWING M5.4 FOR ANCHOR BLOCK DETAILS. FINAL ANCHOR BLOCK SIZES AND LOCATIONS TO BE DETERMINED BY PIPING MANUFACTURER.
- 6 CONDENSATE FROM STEAM MAIN DRIP LEGS IN VAULTS 1 & 2 SHALL FLOW BY GRAVITY DOWN TO CONDENSATE RECEIVER CP-5 IN PIPING ACCESS PIT IN BOILER PLANT. REFER TO CIVIL DRAWINGS FOR PIPE ROUTING PLANS AND PIPING PROFILES.
- 7 CONDENSATE FROM STEAM MAIN DRIP LEGS IN VAULTS 3, 4, 5 & 6 SHALL FLOW BY GRAVITY DOWN TO CONDENSATE RECEIVER CP-4 IN STATEHOUSE ANNEX STEAM ROOM. SEE CIVIL DRAWINGS FOR PIPE ROUTING PLANS AND PIPING PROFILES.
- 8 CONDENSATE FROM STEAM MAIN DRIP LEGS IN VAULTS 7 & 8 SHALL FLOW BY GRAVITY DOWN TO CONDENSATE RECEIVER CP-3 IN STATEHOUSE ANNEX STEAM ROOM. SEE CIVIL DRAWINGS FOR PIPE ROUTING PLANS AND PIPING PROFILES.
- 9 SEE EXPANSION LOOP DETAILS.
- 10 SEE CIVIL DRAWINGS FOR EXPANSION LOOP LOCATIONS.
- 11 PROVIDE ANCHOR BLOCKS ON HPS & PC PIPING ONLY. SEE VAULT PLANS.
- 12 PROVIDE ANCHOR BLOCK ON HPS PIPE. SEE VAULT PLANS.
- 13 PROVIDE ANCHOR BLOCK ON CR PIPE. SEE VAULT PLANS.
- 14 NATURAL GAS FOR TEMPORARY BOILERS IN THIS AREA. COORDINATE WITH UTILITY TO RELOCATE GAS SERVICE FOR NEW PIPING REQUIREMENTS.
- 15 STEAM MANHOLE FOR TEMPORARY BOILER PIPING REQUIREMENTS IN THIS AREA. DISCONNECT PIPING & REMOVE MANHOLE & PIPING AS REQUIRED FOR NEW PIPING REQUIREMENTS AFTER NEW SYSTEM IS OPERATIONAL. SEE GENERAL NOTES.
- 16 APPROXIMATE LOCATION OF EXISTING SHALLOW FAIRPOINT DUCTBANK. REFER TO DRAWING C3.1 FOR ADDITIONAL INFORMATION ON LOCATION. ALL EXCAVATION IN THIS AREA SHALL PROCEED WITH CAUTION.
- 17 6" HPS PIPING BETWEEN THE BOILER BUILDING AND VAULT #1 SHALL BE SCHEDULE 80 STEEL. UNDERGROUND STEAM PIPING BETWEEN BOILER BUILDING AND VAULT 1 SHALL BE FACTORY INSULATED WITH AEROGEL TYPE BLANKET INSULATION, PROGEL XTE BY ASPEN AEROGEL OR APPROVED EQUAL. THICKNESS TO MATCH SPECIFICATIONS.
- 18 6" HPS, 1 1/2" CR & 2 1/2" PC IN ROADWAY BETWEEN THE BOILER BUILDING AND VAULT #1 SHALL BE INSTALLED IN A STEEL SLEEVE. REFER TO DETAIL ON DRAWING C5.4.
- 19 1 1/2" CR IN ROADWAY BETWEEN VAULTS 1 AND 2 SHALL BE INSTALLED IN A STEEL SLEEVE. REFER TO DETAIL ON DRAWING C5.4.
- 20 PROVIDE 1" THICK RIGID STYROFOAM INSULATION BETWEEN BOTTOM OF 6" HPS, 2 1/2" PC & 1 1/2" CR AND TOP OF FAIRPOINT DUCTBANK. EXTEND INSULATION 24" BEYOND EACH END OF DUCTBANK.



1 GENERAL SITE ARRANGEMENT PLAN
NOT TO SCALE

- GENERAL NOTES:
1. REFER TO DIVISION 1 SPECIFICATIONS FOR SCHEDULING REQUIREMENTS. THE TEMPORARY STEAM HEATING BOILER AND ASSOCIATED DISTRIBUTION PIPING, POWER, AND GAS PIPING SHALL NOT BE TAKEN OFF-LINE OR PIPING SYSTEMS TERMINATED UNTIL THE NEW BOILER SYSTEM IS OPERATIONAL. SHUT-DOWN OF THE TEMPORARY SYSTEM AND TERMINATIONS OF EXISTING STEAM AND GAS PIPING TO FACILITATE INSTALLATION OF THE NEW PIPING SHALL OCCUR DURING THE NON-HEATING SEASON.
 2. REFER TO CIVIL DRAWINGS FOR LOCATION, ROUTING, SLOPE AND INVERTS OF UNDERGROUND STEAM AND CONDENSATE PIPING.
 3. REFER TO TRAFFIC CONTROL DRAWINGS AND PHASING PLAN FOR SELECTIVE SCHEDULE AND COORDINATION REQUIREMENTS.
 4. REFER TO DRAWING M5.2 FOR PIPING SCHEMATIC LAYOUT.



SCOTT + PARTNERS
ARCHITECTURE
7 CARMICHAEL ST. SUITE 102, ESSEX, VT 05452
P: 802.879.5193 | F: 802.872.2764 | SCOTTPARTNERS.COM

NO.	DATE	DESCRIPTION	BY	CHK'D
1	01/16/2018	MODIFIED PIPING VAULTS 1 & 2	D&K	RJF
	12/14/2017	ISSUED FOR CONSTRUCTION	D&K	RJF

NEW HAMPSHIRE
DEPARTMENT OF
ADMINISTRATIVE
SERVICES
P.O. BOX 483
7 HAZEN DR. RM 250
CONCORD, NH 03302

STEAM CONVERSION
PROJECT 80929
CONTRACT R

STATE HOUSE
STATE HOUSE ANNEX
& STATE LIBRARY

SHEET TITLE
GENERAL SITE
PIPING
ARRANGEMENT

DRAWN BY	DATE
GXS	DEC 2017
CHECKED BY	D&K PROJECT #
RJF	523594
PROJ. ENG.	D&K ARCHIVE #
JJC	

SHEET NUMBER

M1.1