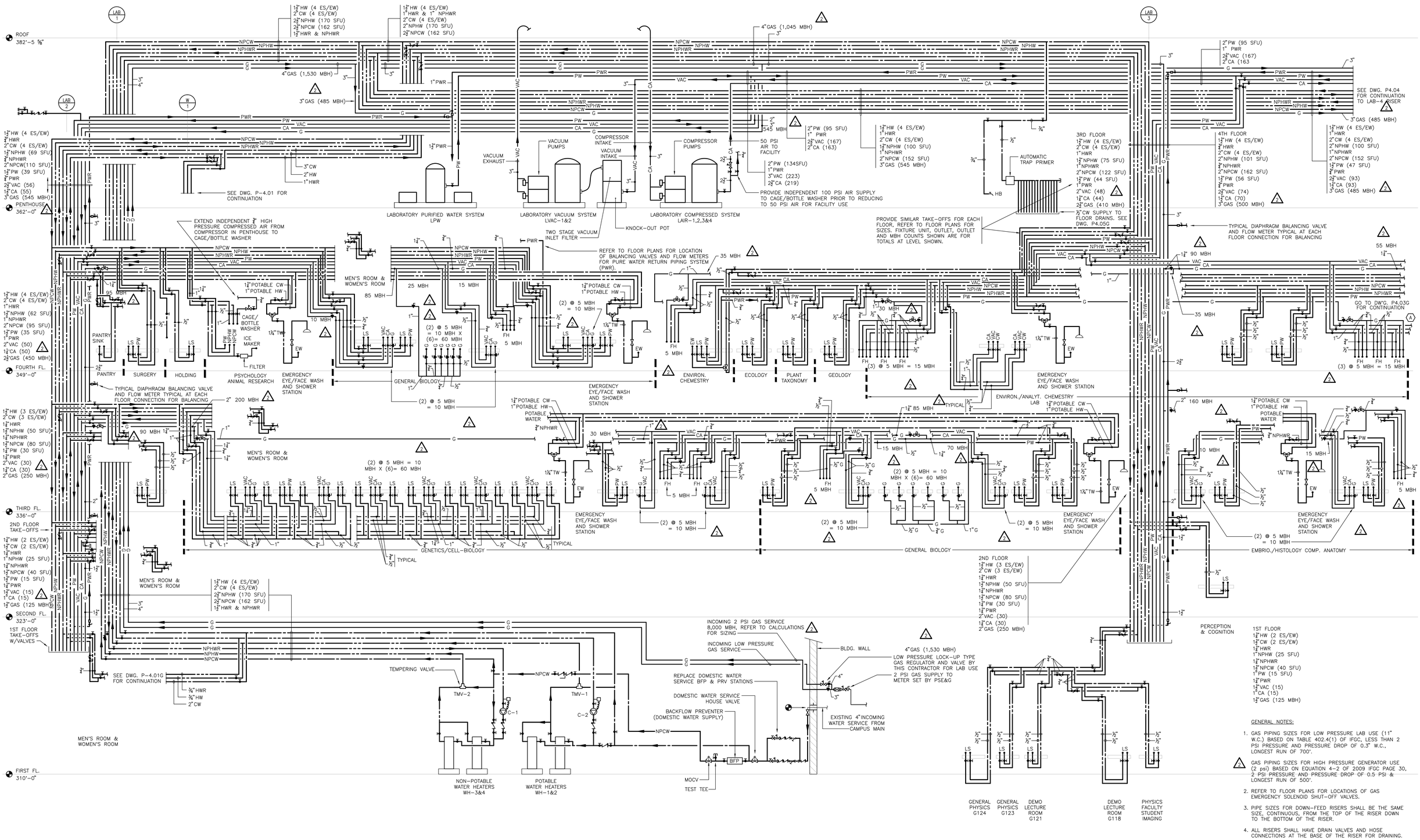


LABORATORY RISER DIAGRAM G-WING

NO SCALE

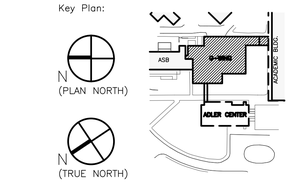
GENERAL NOTES:

1. GAS PIPING SIZES FOR LOW PRESSURE LAB USE (11" W.C.) BASED ON TABLE 402.4(1) OF IFGC, LESS THAN 2 PSI PRESSURE AND PRESSURE DROP OF 0.3" W.C., LONGEST RUN OF 700'.
2. GAS PIPING SIZES FOR HIGH PRESSURE GENERATOR USE (2 psi) BASED ON EQUATION 4-2 OF 2009 IFGC PAGE 30, 2 PSI PRESSURE AND PRESSURE DROP OF 0.5 PSI & LONGEST RUN OF 500'.
3. REFER TO FLOOR PLANS FOR LOCATIONS OF GAS EMERGENCY SOLENOID SHUT-OFF VALVES.
4. PIPE SIZES FOR DOWN-FEED RISERS SHALL BE THE SAME SIZE, CONTINUOUS, FROM THE TOP OF THE RISER DOWN TO THE BOTTOM OF THE RISER.
5. ALL RISERS SHALL HAVE DRAIN VALVES AND HOSE CONNECTIONS AT THE BASE OF THE RISER FOR DRAINING.
6. TAKEOFFS AT EACH FLOOR TO BE EXTENDED OUTSIDE SHAFT TO AN ACCESSIBLE LOCATION WITH VALVES, PRV'S, BALANCING VALVES AND FLOW METERS AS REQUIRED. REFER TO FLOOR PLANS FOR INDIVIDUAL SERVICE TAKE-OFF SIZES.

RAMAPO COLLEGE OF NEW JERSEY

- OWNER: Ramapo College of New Jersey, 505 Ramapo Valley Road, Mahwah, New Jersey 07430-1630
- CONSTRUCTION MANAGERS: Cambridge Construction Management, 335 East Main Street, Somerville, NJ 08876, 908-253-9500
- ARCHITECT: Mitchell/Giurgola Architects, LLP, 630 Ninth Avenue, Suite 711, New York, New York 10036, 212 663 4000
- MEP ENGINEER: Joseph R. Loring & Associates, Inc., 21 Pennsylvania Plaza, New York, NY 10001, 212 563 7400
- STRUCTURAL ENGINEER: Ysrael A Seinuk PC, 228 East 45th Street 2nd Floor, New York, NY 10017, 212 687 2233
- LANDSCAPE ARCHITECT: Dirtworks, PC, 200 Park Avenue South, New York, NY 10003, 212 529 2263
- SITE CIVIL ENGINEER: Langan Engineering, 619 River Drive Center 1, Elmwood Park, NJ 07407-1338, 201 794 6900
- AV CONSULTANT: Cerami & Associates, 404 Fifth Avenue, New York, NY 10018, 212 370 1776

Key Plan:



	6/8/12	DCA FILING
	7/19/12	ISSUED FOR BID
1	7/31/12	DCA RESUBMISSION
2	9/10/12	DCA COMMENTS

NR	DATE	COMMENTS
ISSUE/REVISION		

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.

Project: G-WING RENOVATION & ADLER CENTER

Submission: **CONSTRUCTION DOCUMENTS**

Drawing Title: PLUMBING LAB POTABLE & NON-POTABLE WATER & GAS RISER DIAGRAM SHEET No.1 G-WING

PROJECT NR:	102700	DATE:	6/8/12
RCNJ PROJ. NR:	08-240C	SCALE:	NONE

P4.02G

P:\8227-000 Ramapo College-G Wing Existing Conditions and Programming Effort Ramsey NJ\-CAD\PFP\G WING\8227 - P-402G.dwg 02/21/2017 14:51 Last printed by: dennisr