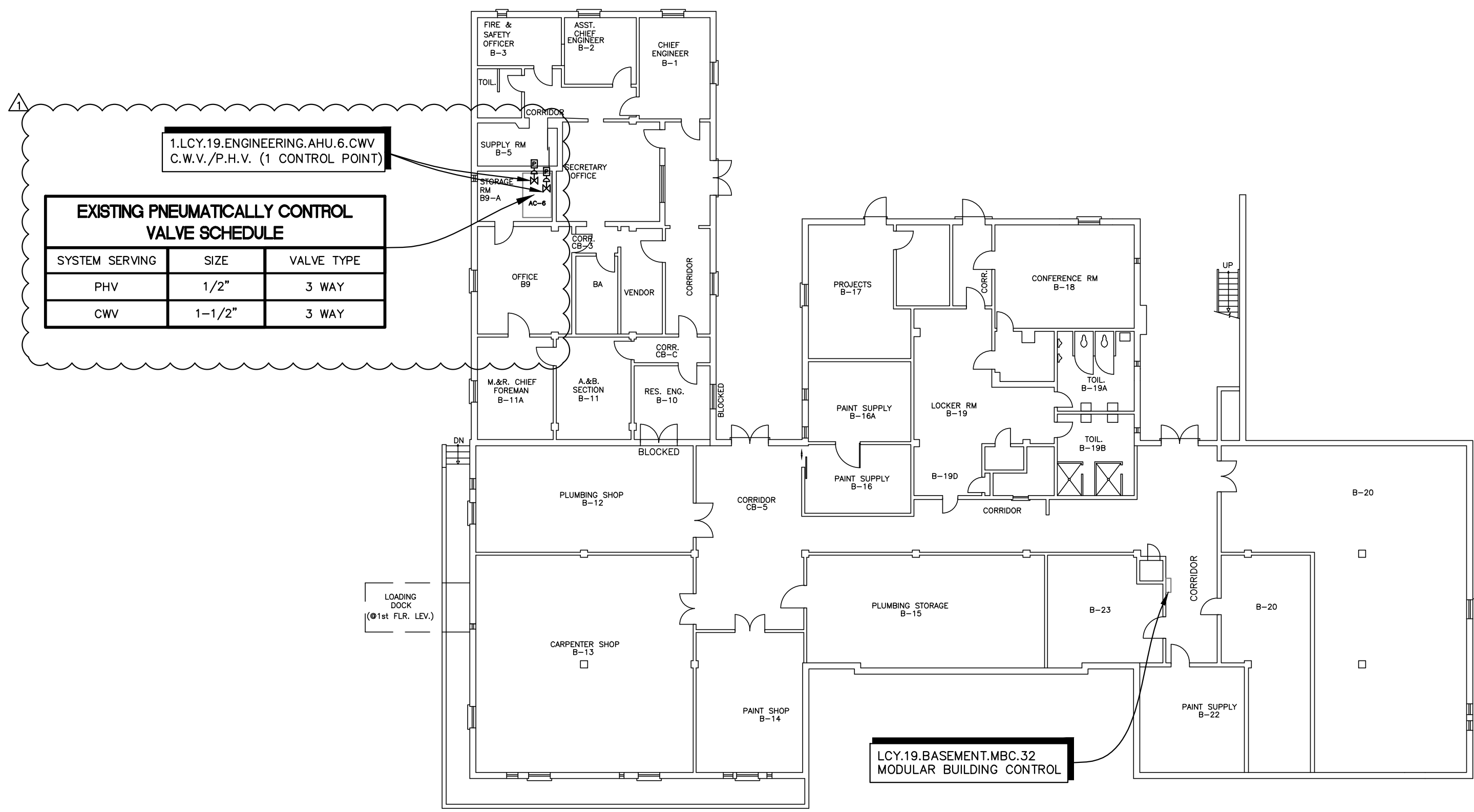


three inches = one foot
one inch = one foot
one and one half inches = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot

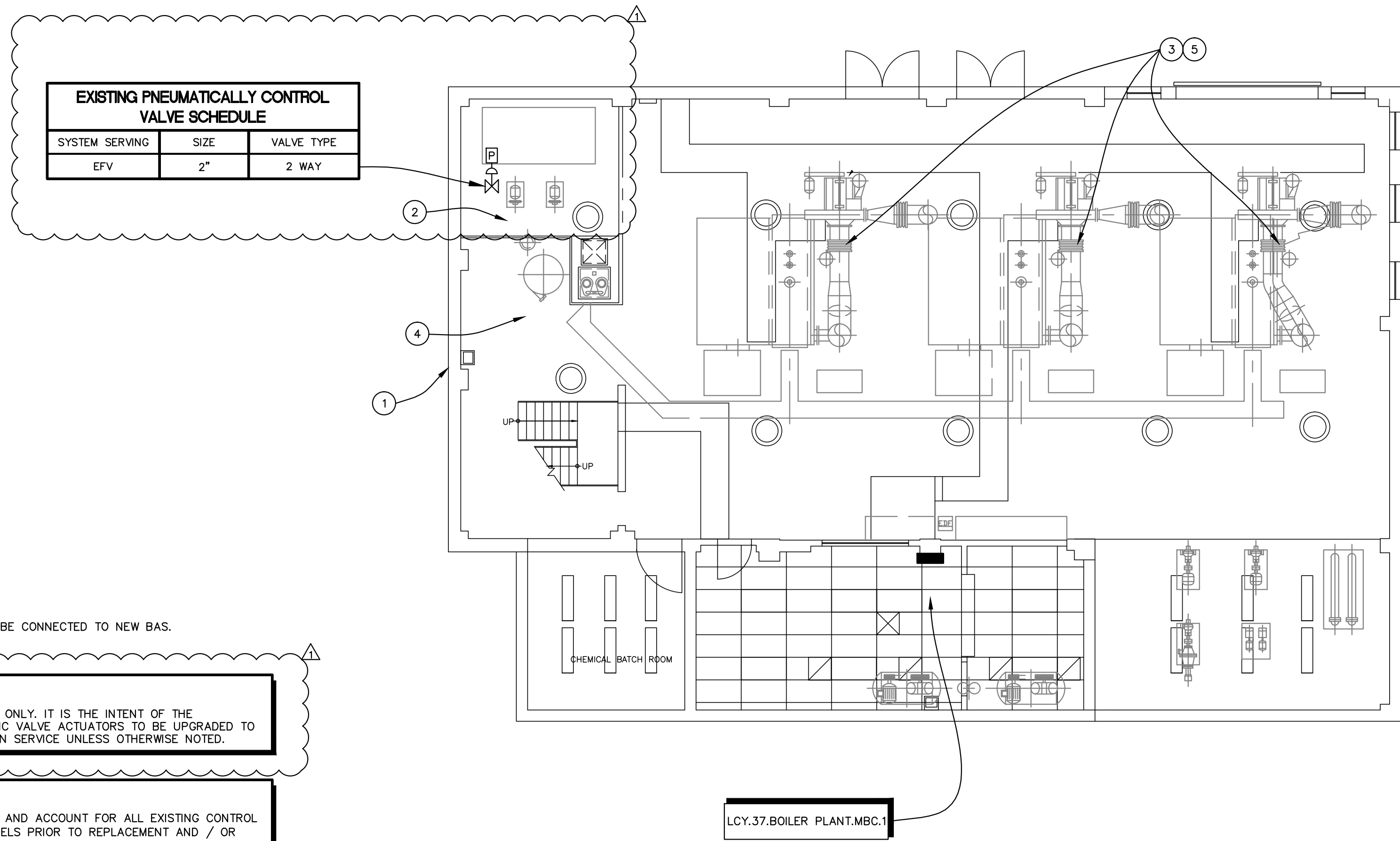
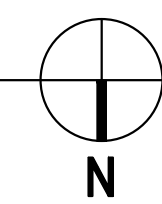
K:\201504 VA Lake City Upgrade EMS\1504 19-37 M101.dwg 2-27-14 06:19:00 PM dstanley



EXISTING PNEUMATICALLY CONTROL VALVE SCHEDULE		
SYSTEM SERVING	SIZE	VALVE TYPE
PHV	1/2"	3 WAY
CWV	1-1/2"	3 WAY

BUILDING 19 BASEMENT PLAN - MECHANICAL

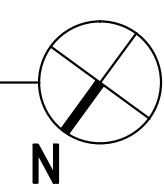
SCALE: 1/8" = 1'-0"



EXISTING PNEUMATICALLY CONTROL VALVE SCHEDULE		
SYSTEM SERVING	SIZE	VALVE TYPE
EFV	2"	2 WAY

BUILDING 37 FLOOR PLAN - MECHANICAL

SCALE: 1/8" = 1'-0"



EXISTING PNEUMATICALLY CONTROL VALVE SCHEDULE		
SYSTEM SERVING	SIZE	VALVE TYPE
PHV	3/4"	3 WAY
CWV	1-1/2"	3 WAY
RHV	1"	3 WAY

1.LCY.19.CANTEEN.AHU.3.PHV
1.LCY.19.CANTEEN.AHU.3.RHV
1.LCY.19.CANTEEN.AHU.3.CWV

EXISTING PNEUMATICALLY CONTROL VALVE SCHEDULE		
SYSTEM SERVING	SIZE	VALVE TYPE
PHV	3/4"	3 WAY
CWV	1-1/2"	3 WAY

1.LCY.19.CANTEEN.AHU.4.CWV
C.W.V./P.H.V. (1 CONTROL POINT)

EXISTING PNEUMATICALLY CONTROL VALVE SCHEDULE		
SYSTEM SERVING	SIZE	VALVE TYPE
PHV	3/4"	3 WAY
CWV	1"	3 WAY

1.LCY.19.NURSING.EDU.AHU.5.CWV
C.W.V./P.H.V. (1 CONTROL POINT)

EXISTING PNEUMATICALLY CONTROL VALVE SCHEDULE		
SYSTEM SERVING	SIZE	VALVE TYPE
PHV	3/4"	3 WAY
CWV	1-1/2"	3 WAY
RHV	1"	3 WAY

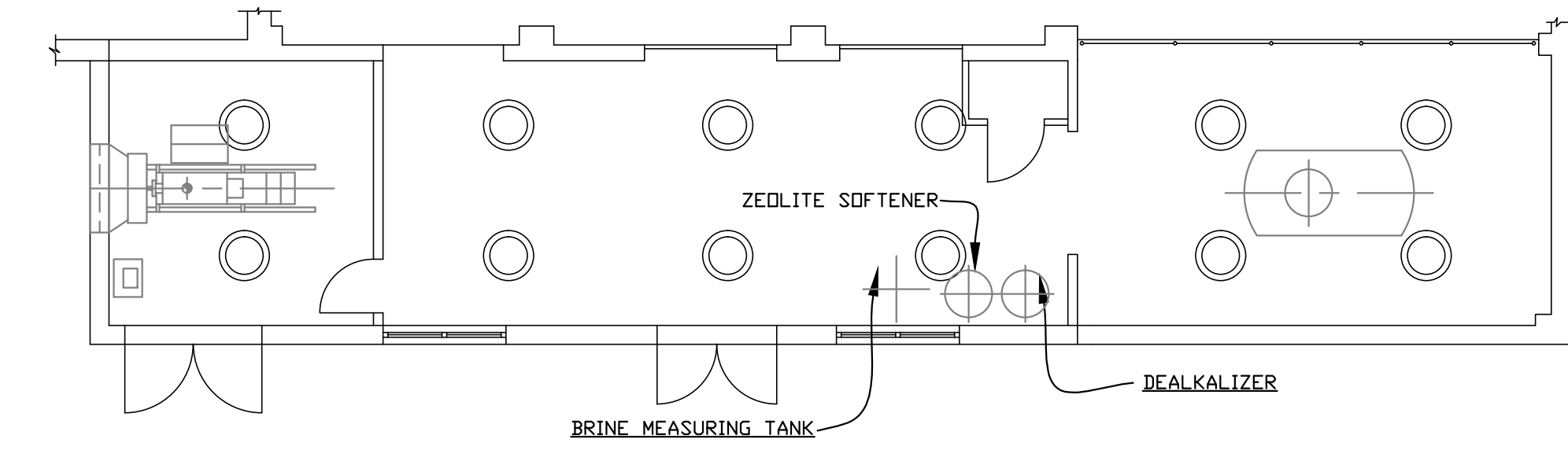
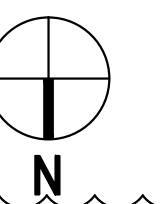
1.LCY.19.CANTEEN.AHU.1.CWV
1.LCY.19.CANTEEN.AHU.1.PHV
1.LCY.19.CANTEEN.AHU.1.RHV

EXISTING PNEUMATICALLY CONTROL VALVE SCHEDULE		
SYSTEM SERVING	SIZE	VALVE TYPE
PHV	3/4"	3 WAY
CWV	1-1/2"	3 WAY
RHV	1"	3 WAY

1.LCY.19.CANTEEN.AHU.2.CWV
1.LCY.19.CANTEEN.AHU.2.RHV
1.LCY.19.CANTEEN.AHU.2.PHV

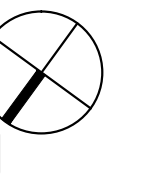
BUILDING 19 FIRST FLOOR PLAN - MECHANICAL

SCALE: 1/16" = 1'-0"



BUILDING 37 MEZZANINE PLAN - MECHANICAL

SCALE: 1/8" = 1'-0"



- MECHANICAL NOTE:
- REFER TO SHEET MH400 DETAIL 1
 - REFER TO SHEET MH400 DETAIL 2
 - REFER TO SHEET MH400 DETAIL 3
 - REFER TO SHEET MH400 DETAIL 4
 - REFER TO SHEET MH400 DETAIL 5
 - EXISTING RTU SERVING KITCHEN AREA SHALL NOT BE CONNECTED TO NEW BAS.

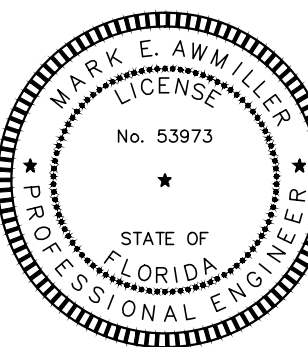
NOTE:
THE EXISTING VALVES SHOWN ARE APPROXIMATE SIZES ONLY. IT IS THE INTENT OF THE CONSTRUCTION DOCUMENT FOR THE EXISTING PNEUMATIC VALVE ACTUATORS TO BE UPGRADED TO DDC. THE EXISTING CONTROL VALVES ARE TO REMAIN IN SERVICE UNLESS OTHERWISE NOTED.

NOTE:
THE CONTRACTOR IS RESPONSIBLE TO VERIFY, LOCATE, AND ACCOUNT FOR ALL EXISTING CONTROL POINTS, PANELS, AND CONTROLLERS. INSPECT ALL PANELS PRIOR TO REPLACEMENT AND / OR RECONFIGURATION.

BID ITEM SUMMARY:
BASE BID: PROVIDE ALL EQUIPMENT AND WORK INDICATED ON PLANS.
BID ALTERNATE 1: SAME AS BASE BID, EXCEPT DEDUCT THE REPLACEMENT OF FLOOR/FIELD CONTROLLERS AND REUSE AND RECONFIGURE FOR NEW BACNET. EXISTING PANELS TO BE EXAMINED. NEWER EXISTING PANELS SHALL BE RECONFIGURED TO WORK IN OPEN PROTOCOL BACNET FORMAT. OLDER UNCONFIGURED / UNCONFIGURABLE PANELS SHALL BE REPLACED WITH NEW.
BID ALTERNATE 2: SAME AS BASE BID, EXCEPT DEDUCT THE CONVERSION OF ALL PNEUMATIC ACTUATED VALVES AND DAMPERS. PNEUMATIC CONTROLLERS TO BE UPDATED AND RECONFIGURED TO WORK IN OPEN PROTOCOL BACNET FORMAT.

CONSULTANTS:

Mark E. Armiller, P.E.
Florida PE No. 53973



ARCHITECT/ENGINEERS:

MES GROUP

550 North Reo Street
Suite 203, Tampa, FL 33609
813.289.4700
COA # 8304

Drawing Title

BUILDING 19 FLOOR
PLAN - MECHANICAL

Approved Project Director

Project Title

UPGRADE EMS

Project Number

573A-12-200

Building Number

Location

LAKE CITY, FLORIDA

Date

01/03/2014

Checked

MEA

Drawn

DKS

Drawing Number

MH101

Dwg. 3 of 30

FINAL BID DOCUMENTS

Office of
Construction
and Facilities
Management

Department of
Veterans Affairs