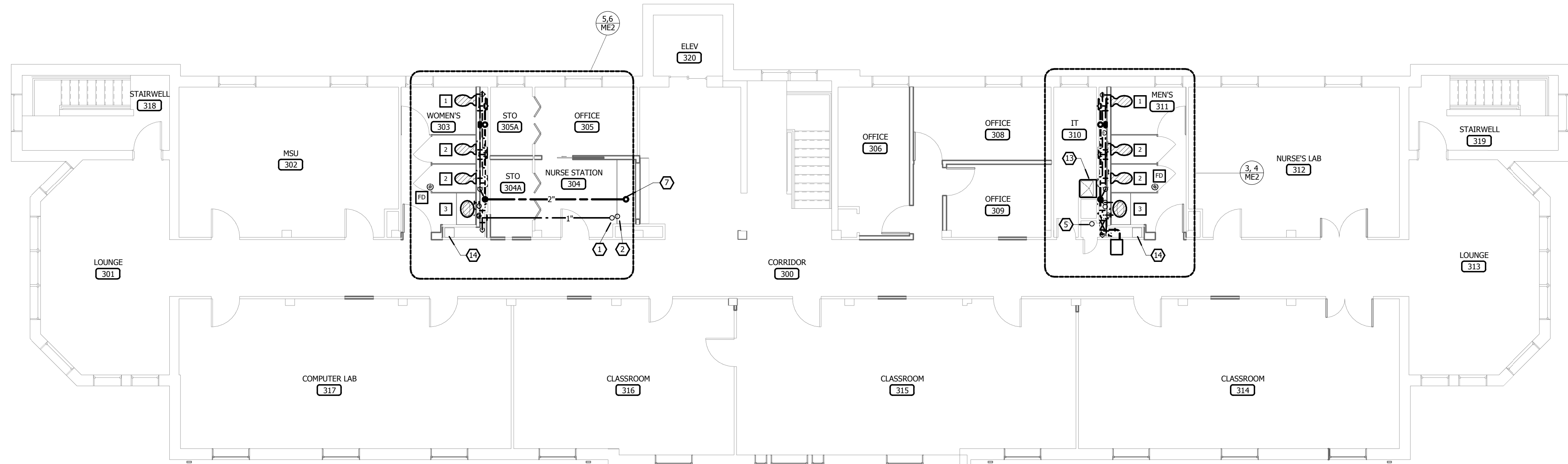
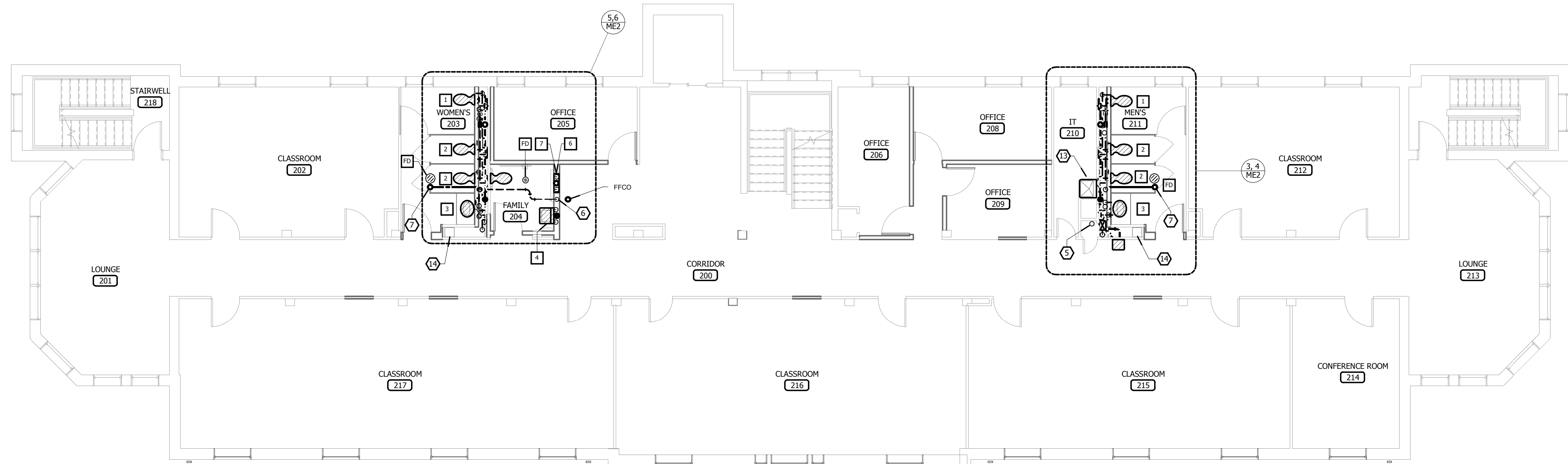
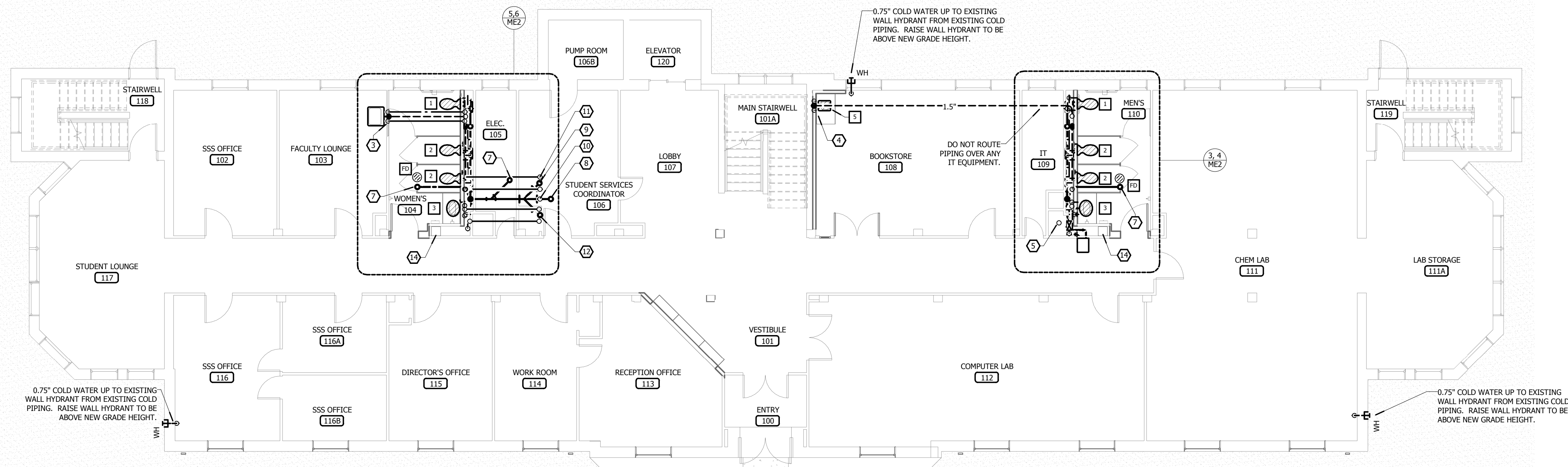




3
M2
THIRD FLOOR PLUMBING IMPROVEMENT PLAN
SCALE: 1/8" = 1'-0"



2
M2
SECOND FLOOR PLUMBING IMPROVEMENT PLAN
SCALE: 1/8" = 1'-0"



1
M2
FIRST FLOOR PLUMBING IMPROVEMENT PLAN
SCALE: 1/8" = 1'-0"



HEX NOTES:

- 1" DOMESTIC COLD WATER UP TO WATER HEATER.
- 1" DOMESTIC HOT WATER RECIRCULATION UP TO CIRCULATION PUMP.
- 1.5" VENT AND 0.5" HOT AND COLD WATER DOWN. CONNECT TO EXISTING SINK. PROVIDE NEW 2" WASTE CONNECTION.
- 1.5" VENT DOWN AND 0.5" HOT AND COLD WATER UP FROM CRAWL SPACE TO SINK. INSTALL HORIZONTAL VENT PIPING ABOVE BOOKSTORE CEILING. INSTALL WASTE AND WATER PIPING IN CRAWL SPACE BELOW. REFERENCE 3/ME2 AND 4/ME2 FOR CONTINUATION.
- EXISTING 2" COPPER RISER.
- 2" WET VENT DOWN.
- 2" TRAPPED WASTE UP TO FLOOR DRAIN.
- 2" WASTE UP TO FINISHED FLOOR CLEAN OUT.
- 2" TRAPPED WASTE UP TO DRAIN BOX.
- 2" WET VENT UP.
- 0.75" HOT AND COLD WATER UP TO WALL HYDRANT.
- 2" WASTE AND 0.5" HOT AND COLD WATER UP TO LAVATORY.
- CONNECT EXISTING SINK TO NEW PIPING.
- NEW STANPIPE HOSE CABINET ENCLOSURE AS REQUIRED. COORDINATE WITH FIELD CONDITIONS.

GENERAL NOTES:

- INSULATE ALL DOMESTIC WATER AND HVAC CONDENSATE DRAIN PIPING WITH 1/2" AP ARMARPLEX. ALL INSULATION MATERIALS SHALL HAVE A FLAME SPREAD RATING NO GREATER THAN 25 AND A SMOKE DEVELOPED RATING NO GREATER THAN 50.
- ALL SHUTOFF VALVES ON DOMESTIC WATER SHALL BE APOLLO SERIES 70-100 BRONZE FULL PORT BALL VALVE 600 PSI-WOG WITH TEFLON SEATS, BRONZE BALL, SILICON BRONZE STEM INSULATED HANDLE, AND SCREWED OR SOLDER ENDS. EQUIVALENT VALVES BY NIBCO-SCOTT, CRANE, FAIRBANKS, HALE, MUESCO STOCKHAM, KENNEDY, KEYSTONE, OR POWELL.
- PROVIDE NEW FLOOR DRAINS IN ALL RENOVATED AND NEW RESTROOMS
- EXTERIOR WALL HYDRANTS SHALL BE RAISED TO BE A MINIMUM OF 12" ABOVE GRADE LEVEL.



COPYRIGHT 2016 ©
THESE PRINTS ARE THE PROPERTY OF PARAGON ARCHITECTURE AND
SHALL BE USED ONLY FOR THE PROJECT REFERENCE BELOW.

PARAGON
ARCHITECTURE
430 S. GLENSTONE AVE. SPRINGFIELD, MO 65802
PH: 417.885.0002 FAX: 417.888.0072
www.paragonarchitecture.com



Consulting Engineers
3333 East Barfield Road, Suite 1000
Springfield, Missouri 65804
Phone: 417.885.0002
Fax: 417.888.0073
mefc.com
Missouri State Certificate of Authority #001075

M2
CROWDER COLLEGE RENOVATIONS

600 West Edwards Pl., Nevada,
MO 64772

PROJECT ARCHITECT:
DRAWN BY:
CHECKED BY:

Kristen Whitehead
Aaron King
Jennifer Luce

PROJECT DESCRIPTION:

SHEET NUMBER:

M2

PROJECT NUMBER:
15-272

DATE:
2/18/2016