

ISSUANCES

DATE	DESCRIPTION
1.23.13	STUDY
2.15.13	OWNER REVIEW
2.22.13	OWNER REVIEW
3.08.13	OWNER REVIEW
3.15.13	OWNER REVIEW
3.20.13	XU "PAGE TURNER"
3.22.13	OWNER REVIEW
3.29.13	BIDDING AND PERMIT

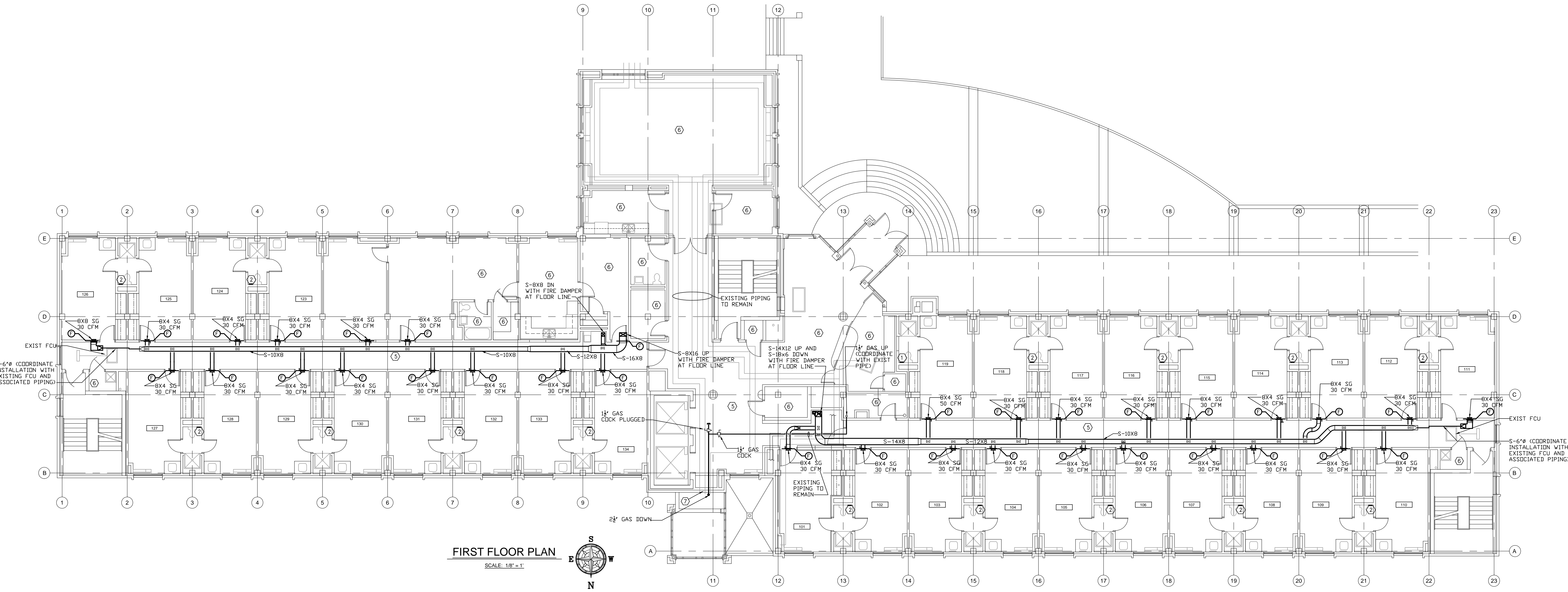
REVISIONS

DATE	NO.	DESCRIPTION

FIRM: MOTZ
 DRAWN BY: TDS
 CHECKED BY: MJH
 PROJECT NO.: XU, 2012.02

STATE OF OHIO
 R. B. MOTZ
 60096
 REGISTERED PROFESSIONAL ENGINEER

Not Published. All Rights Reserved. This Document is the product and exclusive property of the Engineer. This document and the information it contains may not be copied or used for other than the specific purpose for which it was prepared without express written consent of Motz Consulting Engineers, Inc. doing business as Motz Engineering.
 Because the information stored in electronic formats can be modified by other parties, intentionally or otherwise, Motz Engineering shall not be held responsible or liable for any defects and/or deficiencies that may arise as a consequence of downloading of this information. Motz Engineering assumes no responsibility with regard to the transmission or receipt of the information attached.
 COPYRIGHT © 2013 MOTZ ENGINEERING



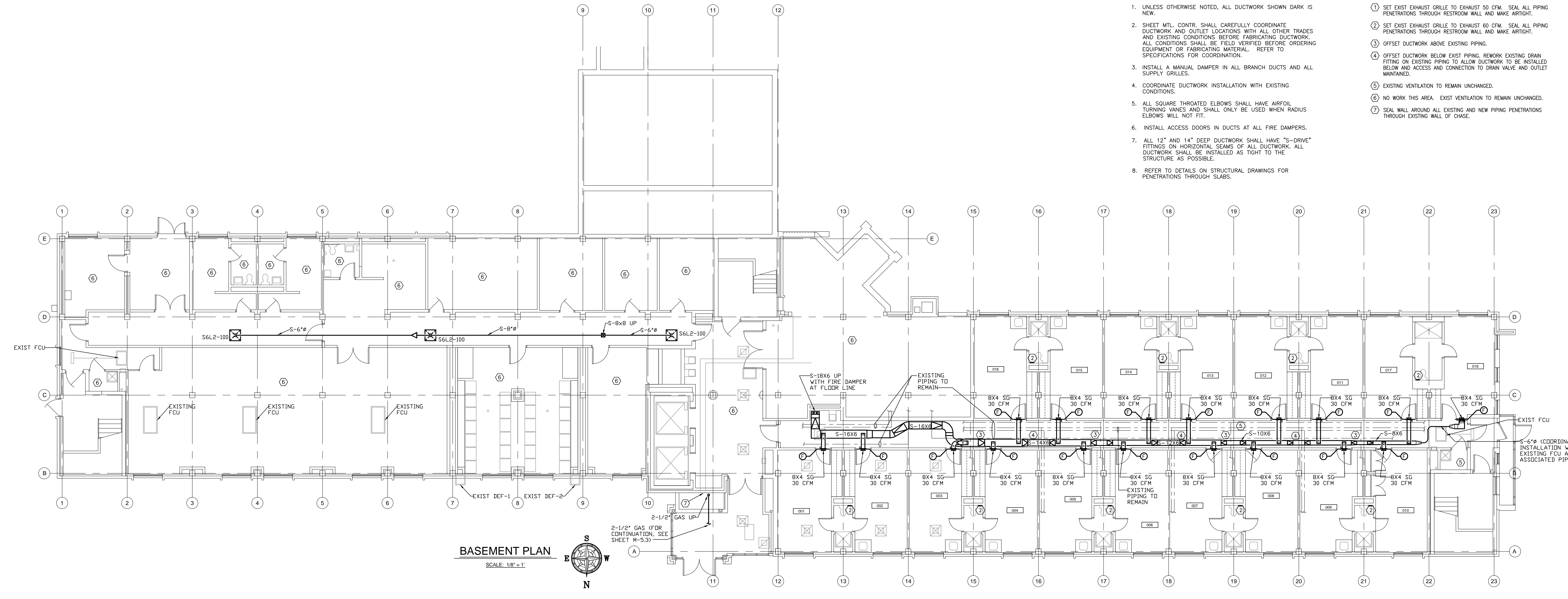
FIRST FLOOR PLAN
 SCALE: 1/8" = 1'

GENERAL NOTES:

- UNLESS OTHERWISE NOTED, ALL DUCTWORK SHOWN DARK IS NEW.
- SHEET WILL CONTR. SHALL CAREFULLY COORDINATE DUCTWORK AND OUTLET LOCATIONS WITH ALL OTHER TRADES AND EXISTING CONDITIONS BEFORE FABRICATING DUCTWORK. ALL CONDITIONS SHALL BE FIELD VERIFIED BEFORE ORDERING EQUIPMENT OR FABRICATING MATERIAL. REFER TO SPECIFICATIONS FOR COORDINATION.
- INSTALL A MANUAL DAMPER IN ALL BRANCH DUCTS AND ALL SUPPLY GRILLES.
- COORDINATE DUCTWORK INSTALLATION WITH EXISTING CONDITIONS.
- ALL SQUARE THROATED ELBOWS SHALL HAVE AIRFOIL TURNING VANES AND SHALL ONLY BE USED WHEN RADIUS ELBOWS WILL NOT FIT.
- INSTALL ACCESS DOORS IN DUCTS AT ALL FIRE DAMPERS.
- ALL 12" AND 14" DEEP DUCTWORK SHALL HAVE "S-DRIVE" FITTINGS ON HORIZONTAL SEAMS OF ALL DUCTWORK. ALL DUCTWORK SHALL BE INSTALLED AS TIGHT TO THE STRUCTURE AS POSSIBLE.
- REFER TO DETAILS ON STRUCTURAL DRAWINGS FOR PENETRATIONS THROUGH SLABS.

CODED NOTES:

- SET EXIST EXHAUST GRILLE TO EXHAUST 50 CFM. SEAL ALL PIPING PENETRATIONS THROUGH RESTROOM WALL AND MAKE AIRTIGHT.
- SET EXIST EXHAUST GRILLE TO EXHAUST 60 CFM. SEAL ALL PIPING PENETRATIONS THROUGH RESTROOM WALL AND MAKE AIRTIGHT.
- OFFSET DUCTWORK ABOVE EXISTING PIPING.
- OFFSET DUCTWORK BELOW EXIST PIPING. REWORK EXIST DRAIN FITTING ON EXISTING PIPING TO ALLOW DUCTWORK TO BE INSTALLED BELOW AND ACCESS AND CONNECTION TO DRAIN VALVE AND OUTLET MAINTAINED.
- EXISTING VENTILATION TO REMAIN UNCHANGED.
- NO WORK THIS AREA. EXIST VENTILATION TO REMAIN UNCHANGED.
- SEAL WALL AROUND ALL EXISTING AND NEW PIPING PENETRATIONS THROUGH EXISTING WALL OF CHASE.



BASEMENT PLAN
 SCALE: 1/8" = 1'