

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

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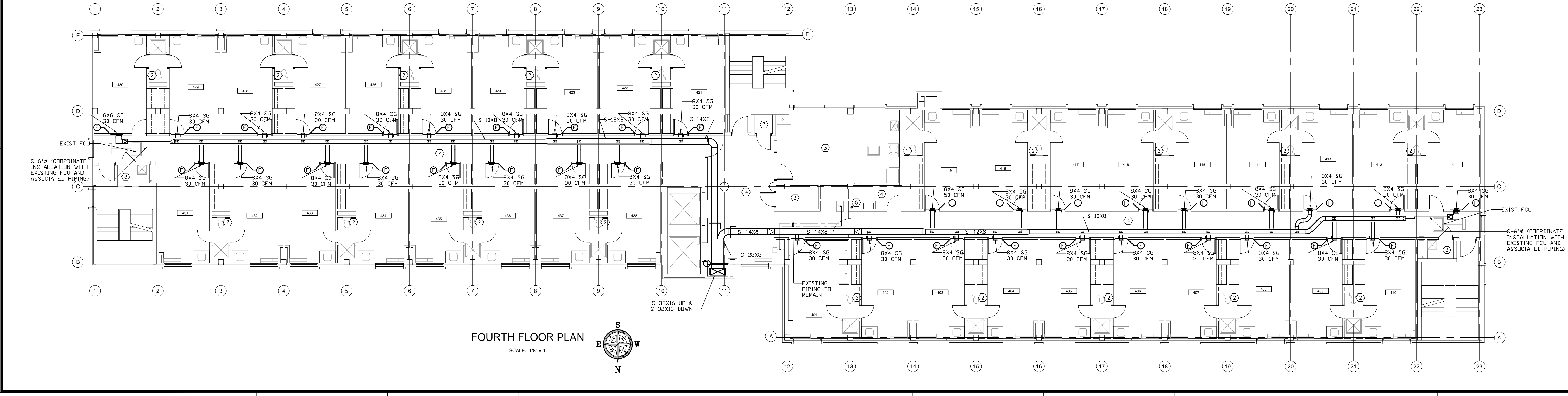
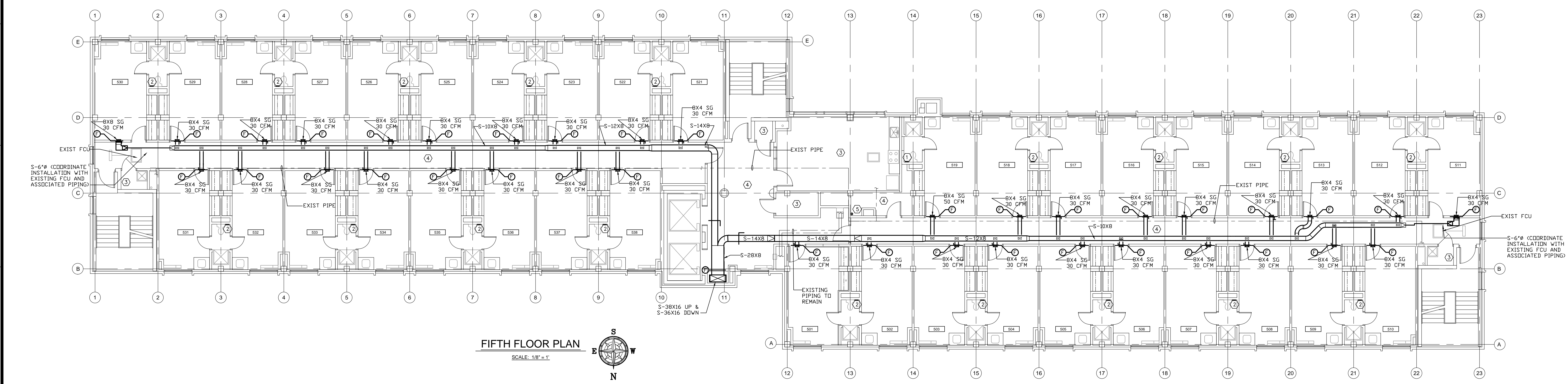
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DRAWING TITLE
**HVAC
FOURTH & FIFTH
FLOOR PLANS**

COMPUTER FILE
L: \XU\2012.02\H-M-2.dwg

DATE: 03/29/13 SCALE: AS SHOWN

SHEET NO.
M-2.4/5



- GENERAL NOTES:**
- UNLESS OTHERWISE NOTED, ALL DUCTWORK SHOWN DARK IS NEW.
 - SHEET W/IL 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:**
- 1 SET EXIST EXHAUST GRILLE TO EXHAUST 50 CFM. SEAL ALL PIPING PENETRATIONS THROUGH RESTROOM WALL AND MAKE AIRTIGHT.
 - 2 SET EXIST EXHAUST GRILLE TO EXHAUST 60 CFM. SEAL ALL PIPING PENETRATIONS THROUGH RESTROOM WALL AND MAKE AIRTIGHT.
 - 3 NO WORK THIS AREA. EXIST VENTILATION TO REMAIN UNCHANGED.
 - 4 EXISTING VENTILATION TO REMAIN UNCHANGED.
 - 5 1 1/2" GAS UP AND DOWN (COORDINATE WITH ELECTRIC CONDUITS)