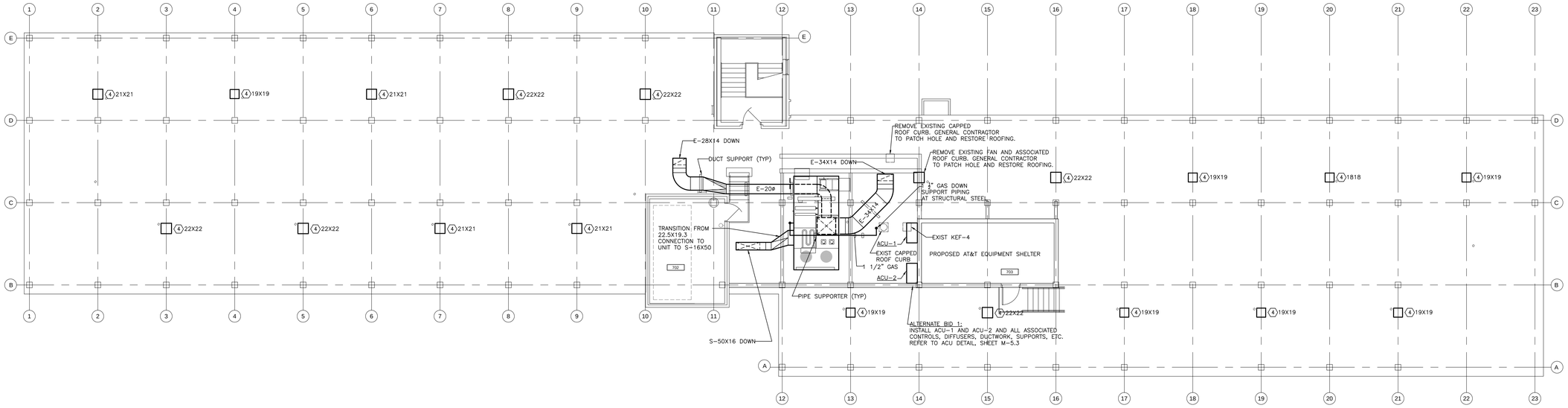


ROOF PLAN

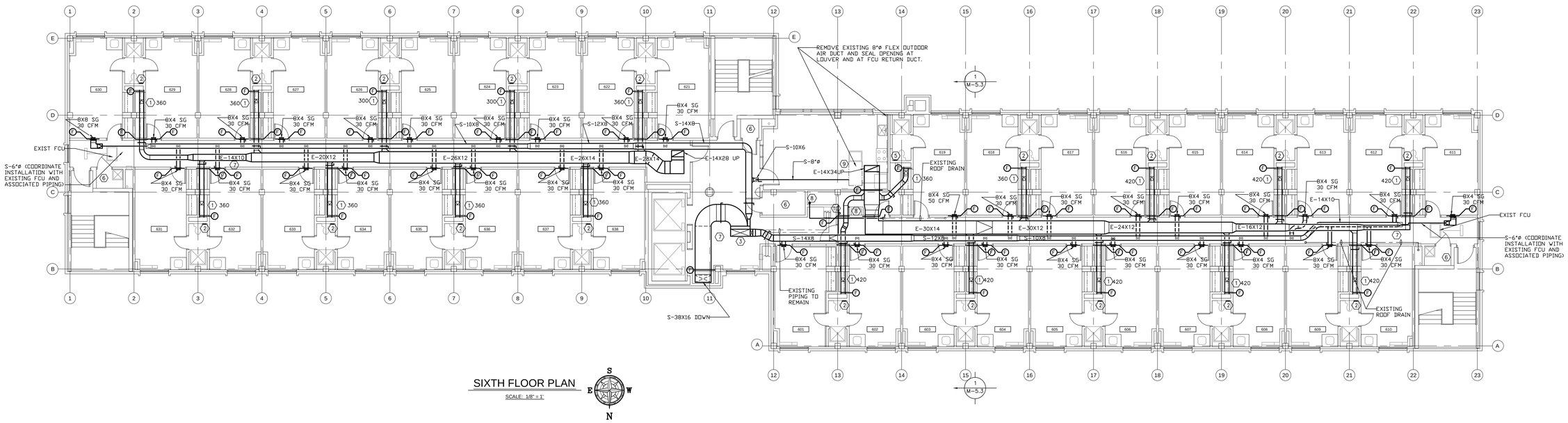
SCALE: 1/8" = 1'

GENERAL NOTES:

1. UNLESS OTHERWISE NOTED, ALL DUCTWORK SHOWN DARK IS NEW.
2. SHEET MTL. 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.
3. INSTALL A MANUAL DAMPER IN ALL BRANCH DUCTS AND ALL SUPPLY GRILLES.
4. COORDINATE DUCTWORK INSTALLATION WITH EXISTING CONDITIONS.
5. ALL SQUARE THROATED ELBOWS SHALL HAVE AIRFOIL TURNING VANES AND SHALL ONLY BE USED WHEN RADIUS ELBOWS WILL NOT FIT.
6. INSTALL ACCESS DOORS IN DUCTS AT ALL FIRE DAMPERS.
7. 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.
8. REFER TO DETAILS ON STRUCTURAL DRAWINGS FOR PENETRATIONS THROUGH SLABS.

CODED NOTES:

1. E-14X6 FROM EXHAUST MAIN TO E-14X8. SET TO DELIVER CFM INDICATED.
2. SET EXIST EXHAUST GRILLE TO EXHAUST 60 CFM. SEAL ALL PIPING PENETRATIONS THROUGH RESTROOM WALL AND MAKE AIRTIGHT.
3. S-44X16 AND S-6X16 UP TO S-50X16 THROUGH THE ROOF.
4. REMOVE EXIST EXHAUST FAN AND INSTALL A NEW GALVANIZED SHEET METAL CAP OF SIZE INDICATED. SECURE CAP TO EXISTING CURB ON THE SIDES WITH STAINLESS STEEL SCREWS. SEAL AND MAKE AIR AND WATER TIGHT.
5. SET EXIST EXHAUST GRILLE TO EXHAUST 50 CFM. SEAL ALL PIPING PENETRATIONS THROUGH RESTROOM WALL AND MAKE AIRTIGHT.
6. NO WORK THIS AREA. EXIST VENTILATION TO REMAIN UNCHANGED.
7. EXISTING VENTILATION TO REMAIN UNCHANGED.
8. REMOVE PORTION OF EXISTING ROOF DRAIN AND REINSTALL AS REQUIRED TO COORDINATE WITH NEW EXHAUST DUCTWORK. RECONNECT TO EXISTING VERTICAL PIPE WITHIN CHASE.
9. MAKE 8"ø CONNECTION TO RETURN PLENUM ON EXISTING FCU. SET TO DELIVER 150 CFM.
10. 1 ½" GAS UP AND DOWN (COORDINATE WITH ELECTRIC CONDUITS)



SIXTH FLOOR PLAN

SCALE: 1/8" = 1'

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XAVIER UNIVERSITY

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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DRAWING TITLE
HVAC
SIXTH FLOOR &
ROOF PLANS

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DATE: 03/29/13 SCALE: AS SHOWN

SHEET NO.
M-2.6/R