

DESIGN CRITERIA

WIND LOADING ACCORDING TO IBC 2006 AND ASCE 7-05 FOR 90mph
SEISMIC LOADING ACCORDING TO IBC 2006 AND ASCE 7-05
STRUCTURAL STEEL TO BE ASTM 992- GRADE 50. BOLTS SHALL BE
ASTM A325. STEEL FOR TUBE FRAMES SHALL BE ASTM A-500, GR. B,
FY= 46 FSI. ALL STEEL TO BE PRIMED AND PAINTED.

FABRICATE AND INSTALL STRUCTURAL STEEL IN ACCORDANCE WITH ASIC
DETAILING MANUAL AND AWS D1.1.

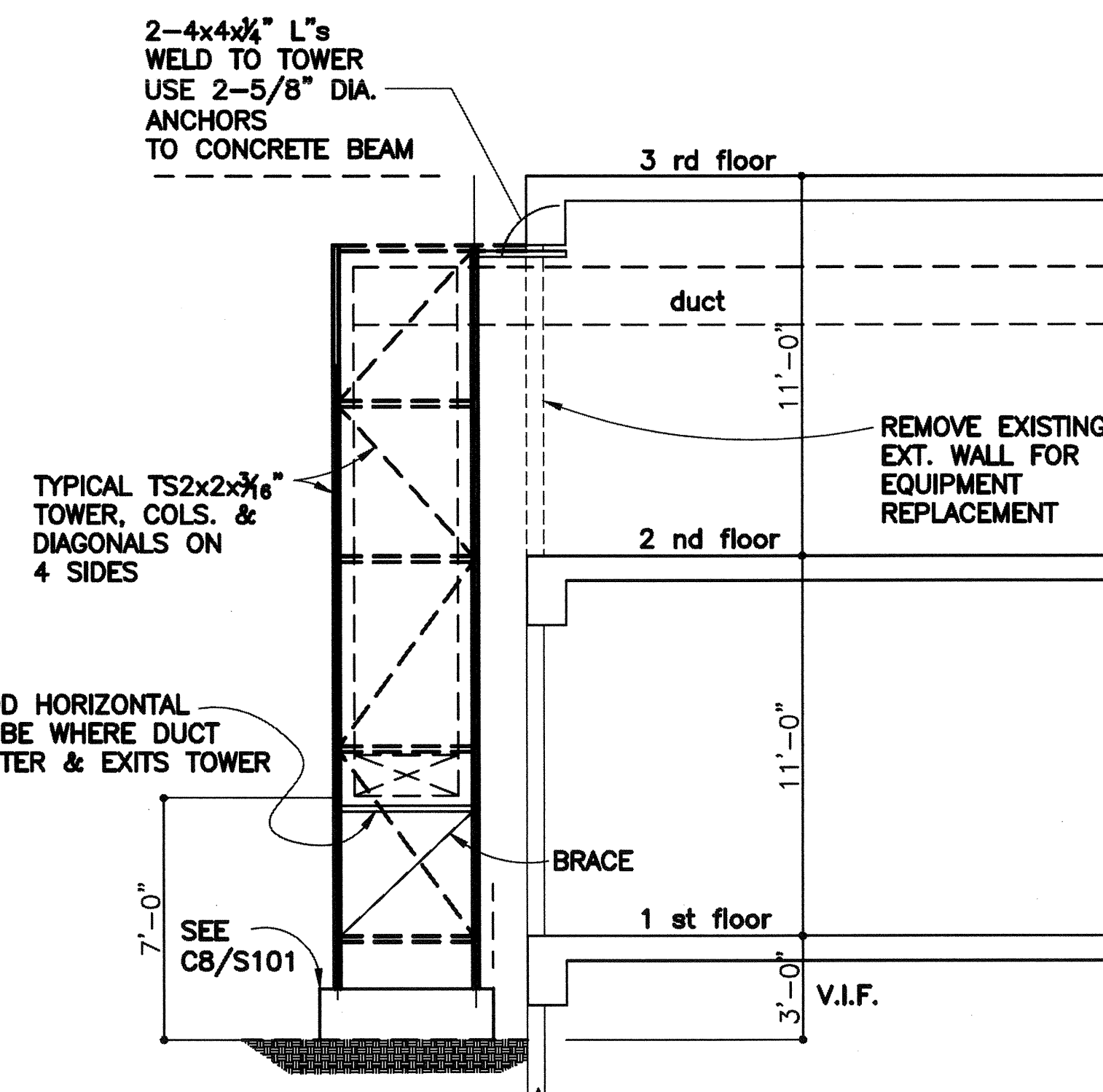
CAST IN PLACE CONCRETE TO BE REGULAR WEIGHT, 3000 psi
CONCRETE.

REBAR SHALL BE ASTM 615, GRADE 60. PLACE CONCRETE IN
ACCORDANCE WITH ACI 301-08.

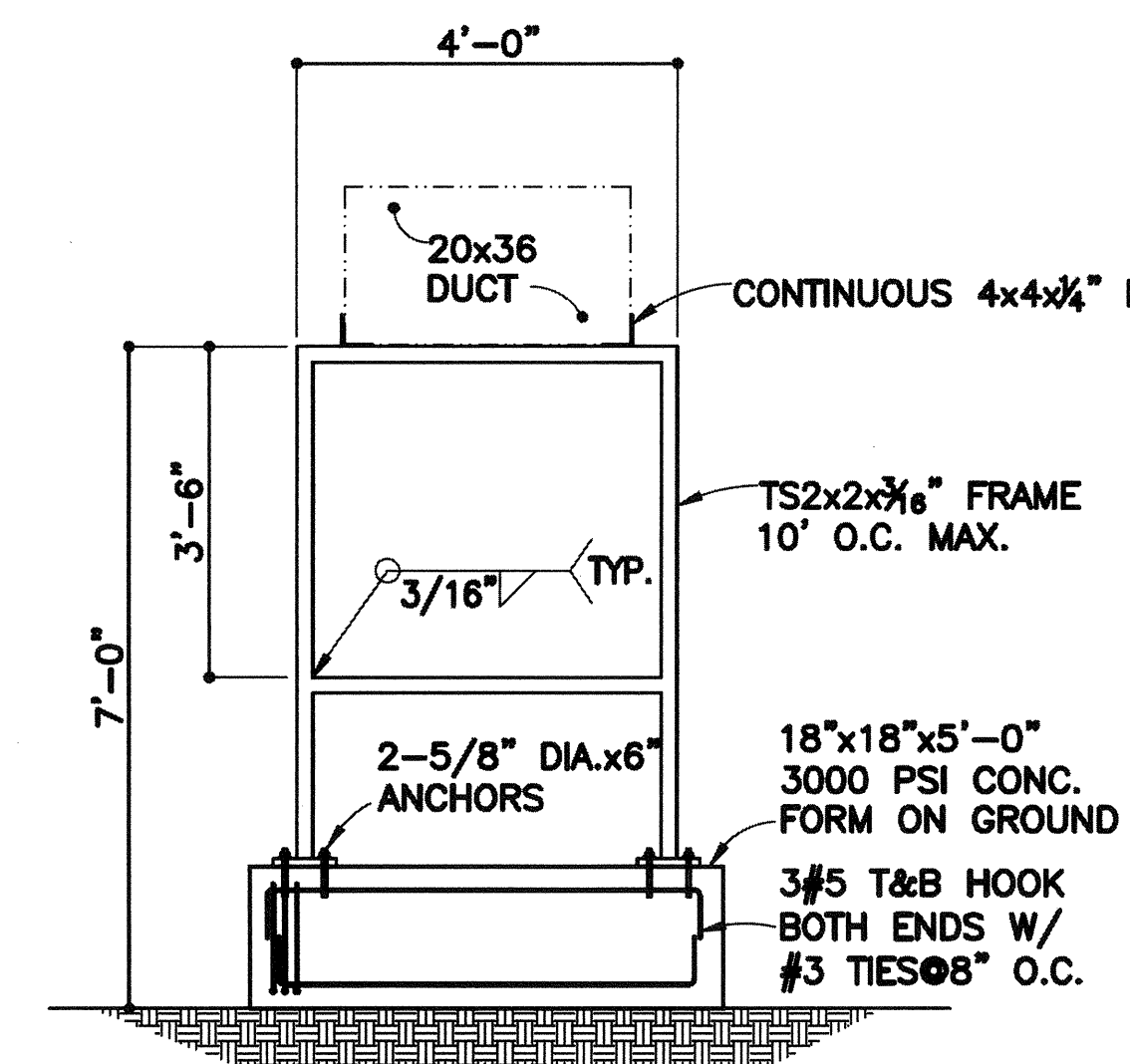
ALL POST INSTALLED ANCHORS SHALL BE:

MFG	EPOXY	MECHANICAL ANCHORS
HILTI	RE-500	KWIK BOLT 3
SIMPSON	SET-XP	STRONG-BOLT 2
POWERS	AC100+GOLD	POWER STUD+SD2

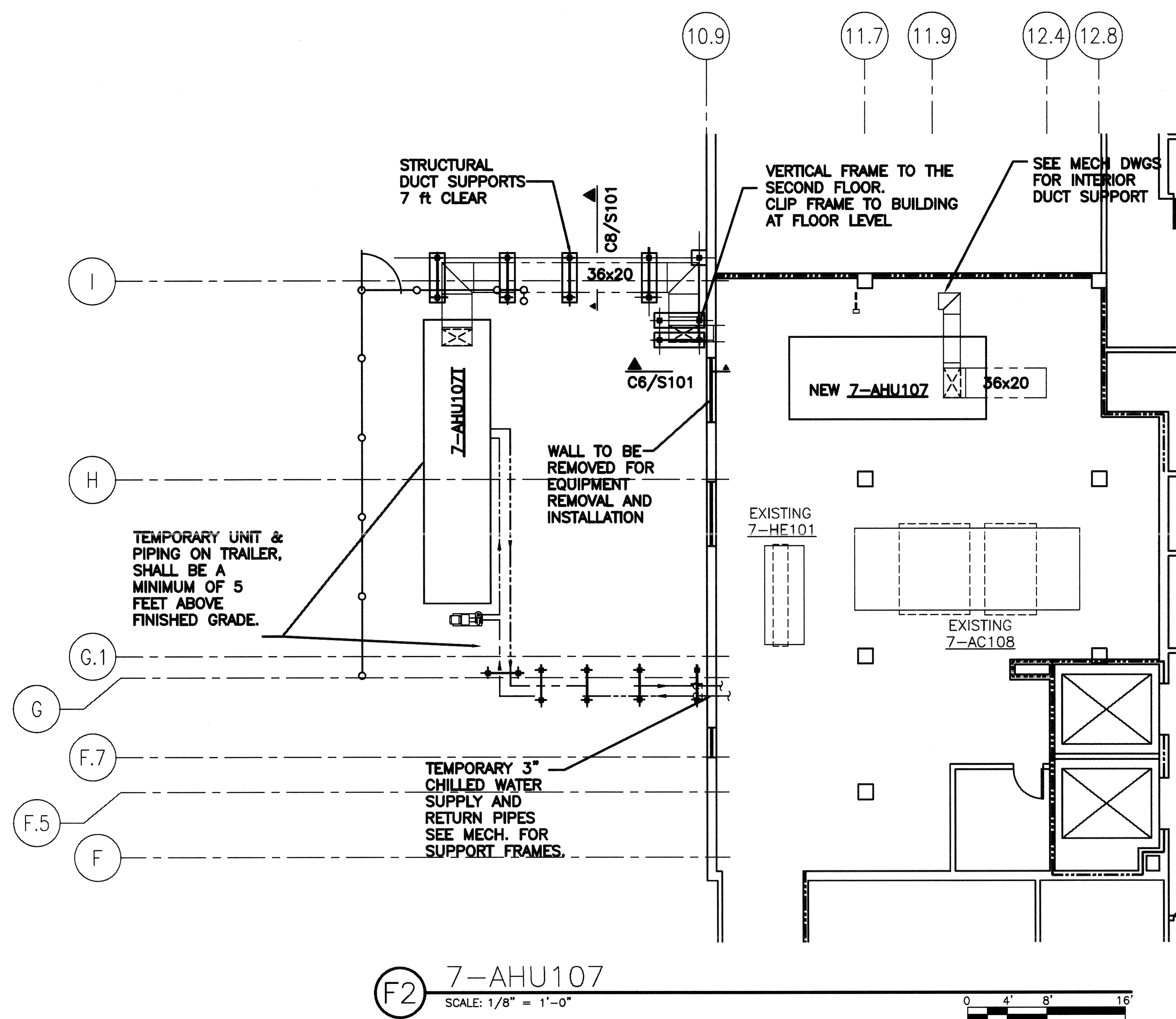
MANUFACTURER'S INSTALLATION PROCEDURE MUST BE FOLLOWED.



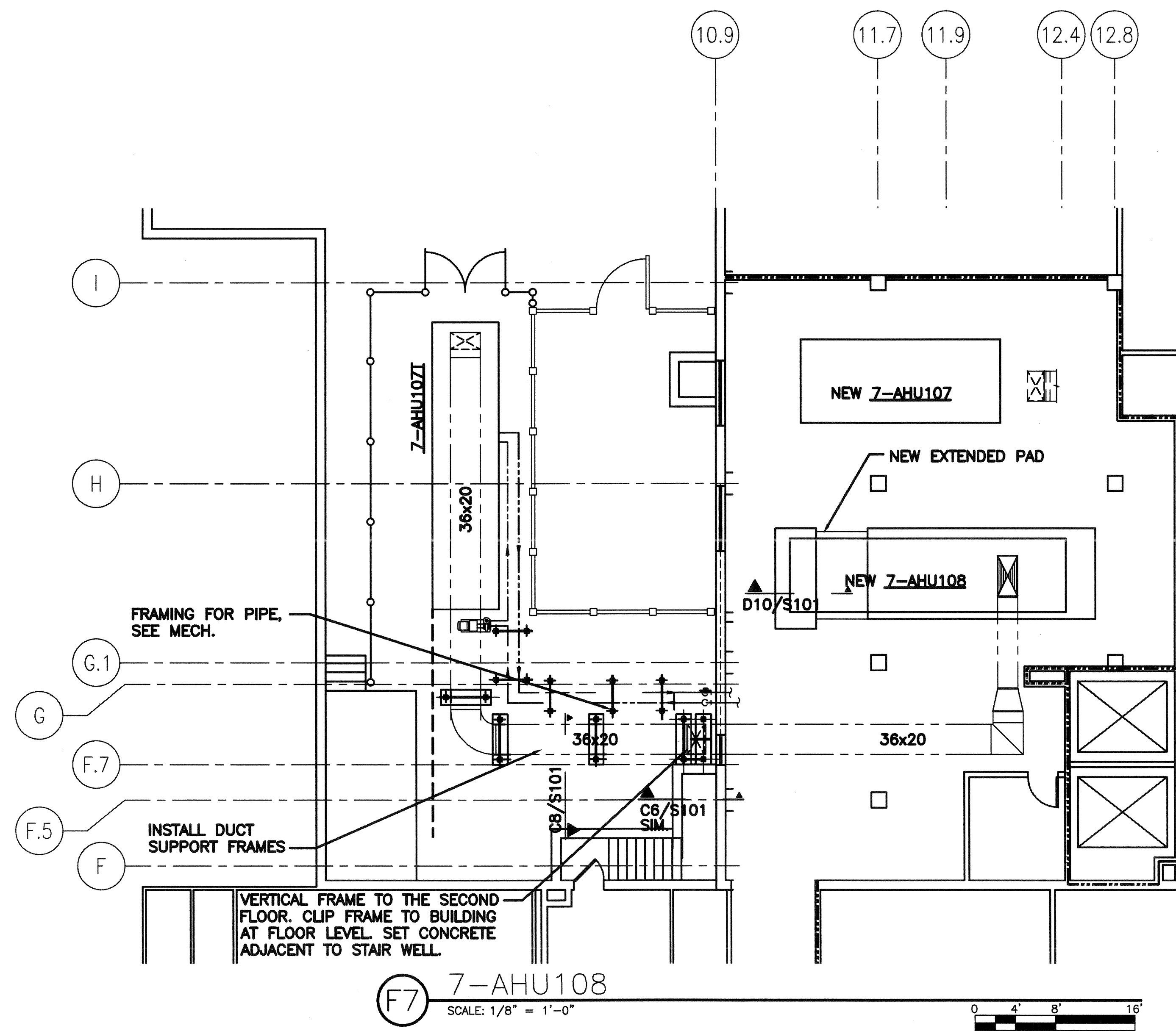
C6 DETAIL
SCALE: 1/4" = 1'-0"



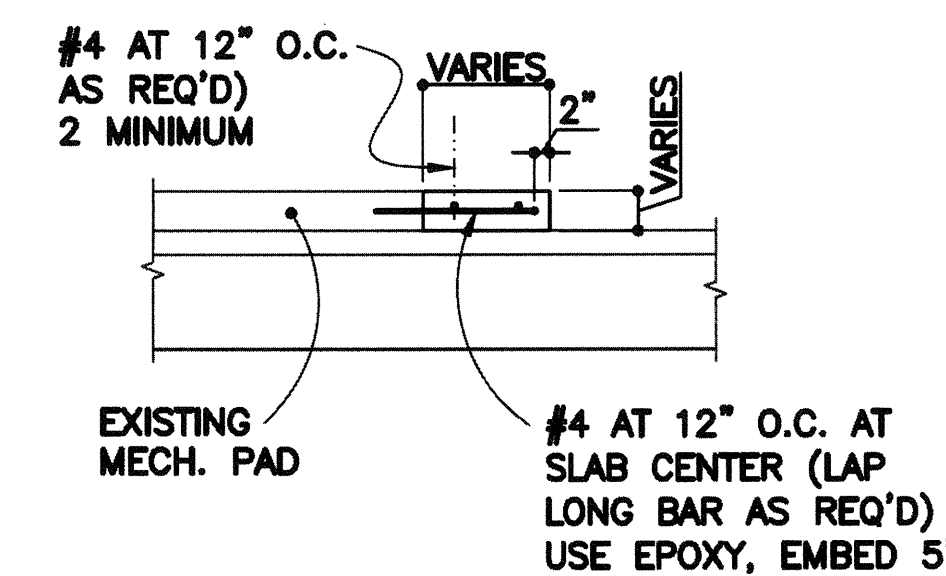
C8 DETAIL
SCALE: 1/2" = 1'-0"
TYPICAL DUCT SUPPORT MAXIMUM 10FT ON CENTER



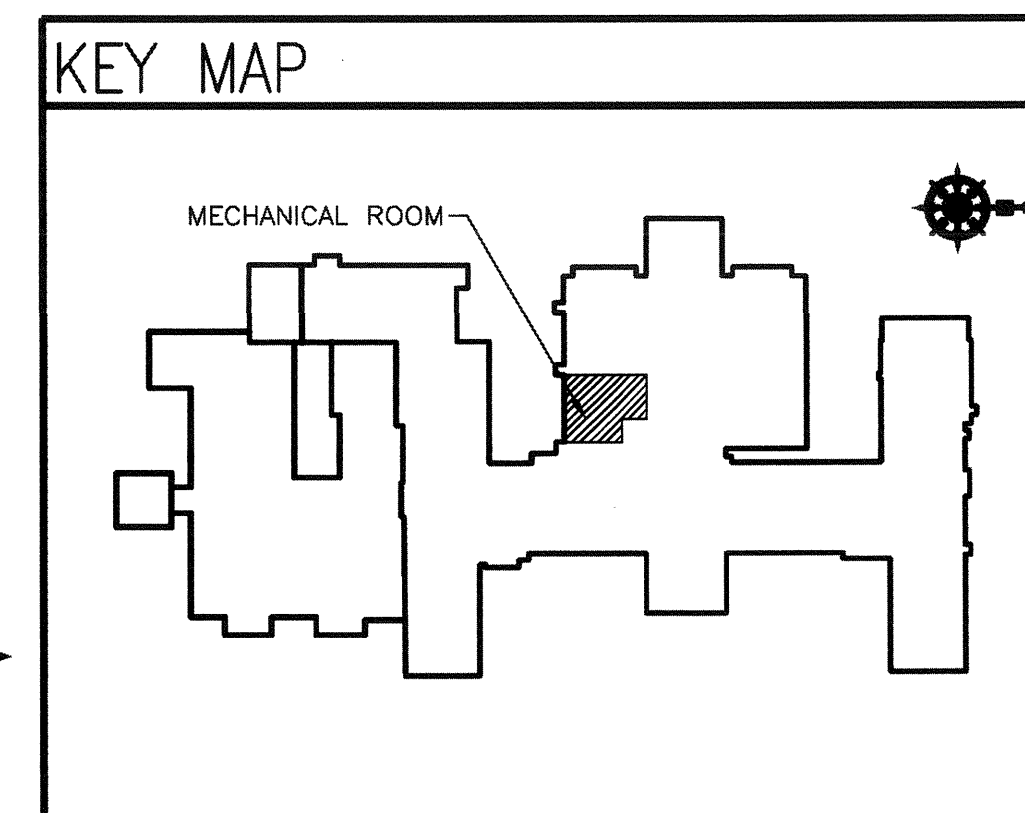
F2 7-AHU107
SCALE: 1/8" = 1'-0"



F7 7-AHU108
SCALE: 1/8" = 1'-0"



D10 DETAIL
SCALE: NONE



LAURENE, RICKNER
& SORRELL, P.C.
Consulting Structural Engineers

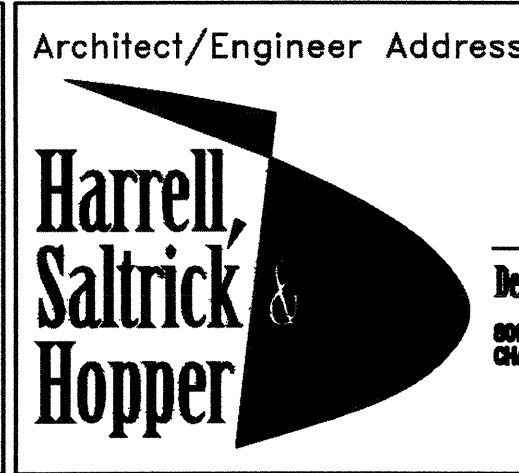
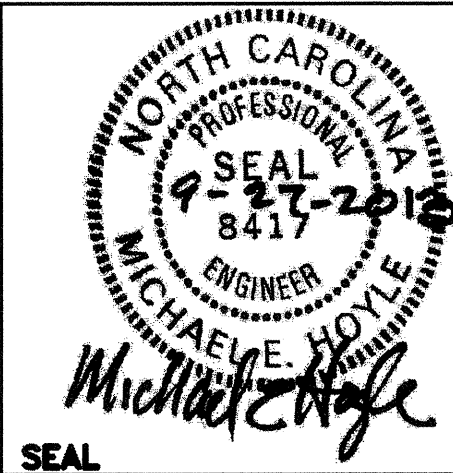
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REVISION NO.	REVISION DESCRIPTION	By	Date



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Recommended Approvals:	
1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE MANAGER
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL MANAGER
3. CHIEF OF STAFF	8. SAFETY MANAGER
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER
5. SERVICE LINE MGRS.	10. COITR

Drawing Title STRUCTURAL PLANS & DETAILS FOR TEMPORARY SUPPORT	Project Title DESIGN BUILDING 7 AIR HANDLER UPGRADE - PROJECT A: 7-AHU107 & 7-AHU108
FINAL BID DOCUMENTS	Building Number 7
Drawn MEH	AutoCAD File Name
Checked 9/15/12	Const. Contract No.
Reviewed	

Date SEPT 27, 2013	Project Number 502-12-201
DRAWING No. S101	

