

1 SCAFFOLD FRAMING PLAN
EQ-001 SCALE: 1/8"=1'-0" (DO NOT SCALE DRAWING)

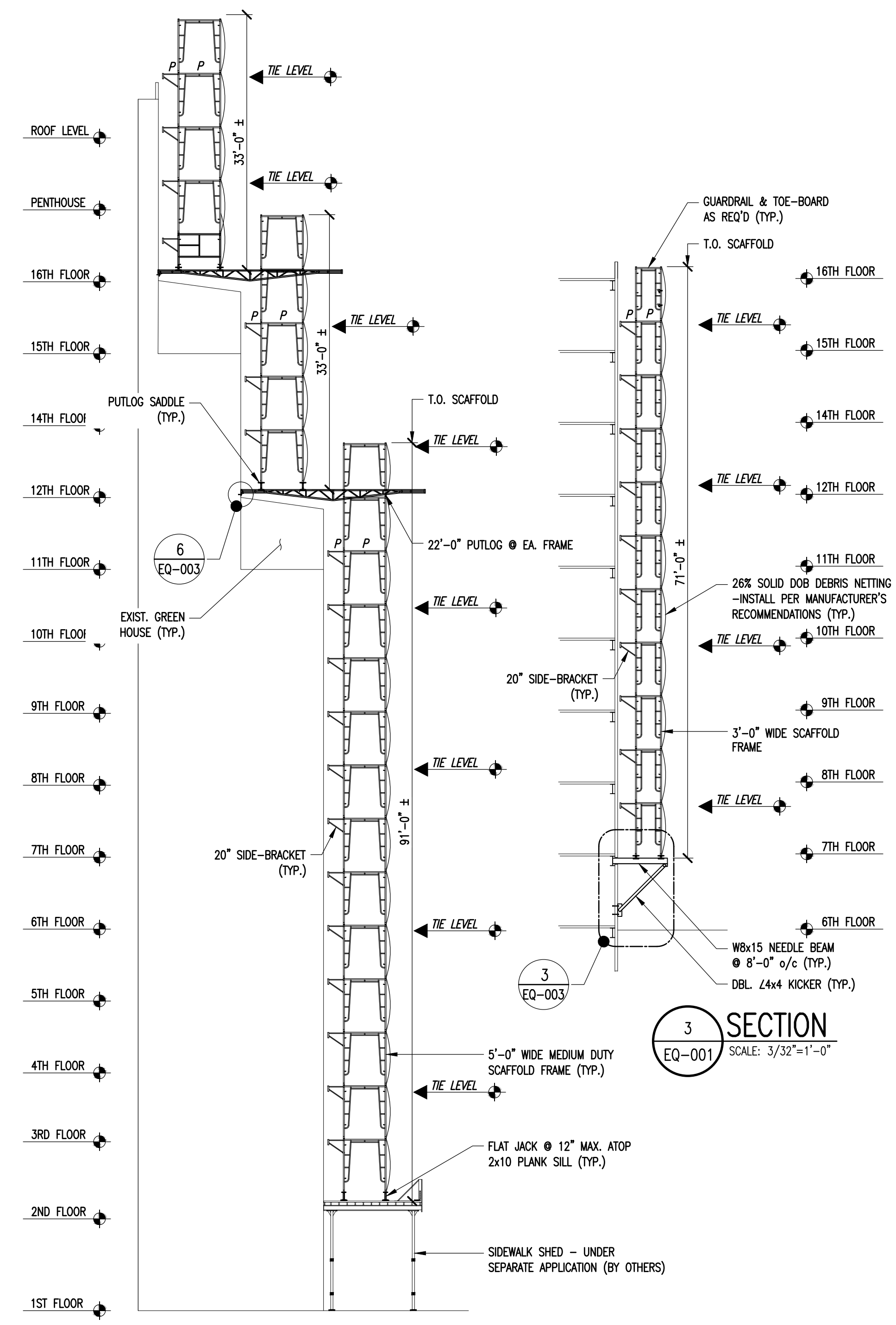
- SCAFFOLD NOTES:**
- THE FRAME & SIDE BRACKETS ARE DESIGNED FOR ONE (1) WORKED LEVEL WITH A LIVE LOAD CAPACITY OF TWENTY-FIVE POUNDS PER SQUARE FOOT (25PSF) AS A LIGHT-DUTY SCAFFOLD IN ACCORDANCE WITH SECTION 3314.13.3.
 - 25 PSF FRAME LIVE LOAD IS EQUIVALENT TO 1,000# EVENLY DISTRIBUTED OVER AN 8'x5' BAY.
 - A MAXIMUM OF ONE (1) FULL LEVEL IS TO BE PLANKED.
 - SCAFFOLDS SHALL COMPLY TO SECTION 33 OF CHAPTER #33 OF THE 2014 NYC BUILDING CODE.
 - SCAFFOLD SHALL NOT BE ERECTED ABOVE 40 FEET OF MORE ABOVE GRADE WITHOUT FIRST OBTAINING A PERMIT AS PER SECTION #3314.2.
 - SCAFFOLD AND ITS COMPONENTS SHALL BE CAPABLE OF SUPPORTING WITHOUT FAILURE ITS OWN WEIGHT AND AT LEAST 4 TIMES THE MAXIMUM INTENDED LOAD APPLIED IN ACCORDANCE WITH SECTION 3314.3.3, WHERE APPLICABLE SCAFFOLD AND THEIR CONNECTIONS TO THE BUILDING OR STRUCTURE SHALL BE DESIGNED FOR WIND LOADS AS PRESCRIBED IN SECTION 1609.
 - INSTALLATION: SCAFFOLDS THAT REQUIRE A PERMIT OR DESIGN SHALL BE ERECTED AND INSTALLED IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS, DRAWING AND SPECIFICATIONS AS PER SECTION 331.4.4.
 - MAINTENANCE AND REPAIR: ALL SCAFFOLD SHALL BE MAINTAINED IN A SAFE CONDITION AS PER SECTION 3314.2.2 NO SCAFFOLD SHALL BE ALTERED, REMOVED OR PARTIALLY DISMANTLED WHILE IT IS IN A ACTIVE USE, UNLESS DONE BY A QUALIFIED PERSON. EVERY DAMAGED OR WEAKENED SCAFFOLD SHALL BE IMMEDIATELY REPAIRED OR REPLACED.
 - INSPECTION: ALL SCAFFOLDS SHALL BE INSPECTED DAILY BEFORE EACH USE BY A COMPETENT PERSON DESIGNATED BY THE TRADE USING THE SCAFFOLD AS PER SECTION 3314.4.3.
 - MATERIAL AND DEBRIS SHALL NOT BE STORED ON SCAFFOLDS WHILE WORK IS NOT BEING PERFORMED AS PER SECTION 3314.4.4.
 - ONLY WORKERS WITH EXPERIENCE IN ERECTING, REPAIRING, MAINTAINING SHALL BE EMPLOYED TO PERFORM THIS WORK AS PER SECTION 3314.4.5. WORKERS WHO WILL DO THIS SHALL HAVE AT LEAST 32 HOURS TRAINING PROGRAM AND 8-HOUR REFRESHER PROGRAM EVERY 4 YEARS THEREAFTER AS PER LL 52-05.
 - ALL PLATFORM SHALL BE TIED DOWN, CLEATED OR OTHERWISE RESTRAINED BY HOOKS OR EQUIVALENT MEANS TO PREVENT DISLODGEEMENT AS PER SECTION 3314.5.5.
 - THE FOOTINGS AND ANCHORAGE FOR EVERY SCAFFOLD SHALL BE SOUND AND RIGID, CAPABLE OF CARRYING THE MAXIMUM LOAD WITHOUT EXCESSIVE SETTLEMENT OR DEFORMATION AND SECURE AGAINST MOVEMENTS AND DIRECTION AS PER SECTION 3314.6. SUPPORTS SUCH AS BARRELS, BOXED, LOOSE BRICK, LOOSE STONE OR OTHER UNSTABLE MATERIAL SHALL NOT BE USED.
 - LOAD FROM SUPPORTED SCAFFOLDS IMPOSED ON AN EXISTING ROOF OR FLOOR OR SIMILAR STRUCTURE SHALL NOT BE CONCENTRATED SO AS TO CAUSE STRESS IN EXCESS OF THE ALLOWABLE VALUES AS PER SECTION 3314.6.4.
 - TOP RAIL, MIDRAIL AND TOE BOARD SHALL BE PROVIDED AS PER SECTION 3314.8.8-10.
 - SCAFFOLDS ARE TO BE TIED AS PER SECTION 3314.9.1. A SUPPORTED SCAFFOLD WITH A HEIGHT TO BASE RATIO OF MORE THAN 4 TO 1 SHALL BE GUYING, TYING OR BRACING AS FOLLOWS:
 - GUY, TIES OR BRACES SHALL BE INSTALLED AT LOCATION WHERE HORIZONTAL MEMBERS SUPPORT BOTH INNER AND OUTER LEAS.
 - GUY, TIES OR BRACES SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS OR ACCORDANCE TO SECTION 3314.3. THE FIRST TIE OR BRACE SHALL BE INSTALLED AT A HORIZONTAL MEMBER AND NOT MORE THAN A DISTANCE 4 TIMES THE LEAST PLAN DIMENSION FROM THE BASE SUPPORT AND BE REPEATED VERTICALLY AT LOCATIONS OF HORIZONTAL MEMBERS EVERY 20 FEET OR LESS THEREAFTER FOR 3 FEET WIDE SCAFFOLD AND EVERY 26 FEET OR LESS THEREAFTER FOR 5 FEET WIDE SCAFFOLD.
 - ACCESS TO SCAFFOLD WILL BE THROUGH THE BUILDING WHERE STAIRS AND LADDERS WILL BE PROVIDED WHERE A STEP UP OR DOWN IS GREATER THAN 24" AS PER OSHA 1926.451 (a) (8) (SEE#21, PAGE 2).

ANCHOR ANALYSIS:

ANALYSIS OF DEBRIS MESH & MASONRY WALL ANCHOR TIES:
TO RESIST WIND SUCTION LOADING:
AT <100' HIGH, WIND LOAD ASSUME 20 PSF, AS PER NYC DOB DESIGN GUIDELINES.
USE STRONGMAN SBN-22 DEBRIS MESH, OR EQUAL
MESH # SBN-22 BY STRONGMAN INDUSTRIES POSSESSES VOID RATION OF 74%
26% (20 PSF)= YIELDS WIND LOAD OF 5.2 PSF, NORMAL TO SURFACE.
IF ANCHORS INSTALLED AT 8'-0" o/c HORIZONTAL, AND 18'-0" o/c VERTICAL,
LOAD IS 5.2x8x18 = 748# PER ANCHOR.
AT <300' HIGH, WIND LOAD ASSUME 30 PSF, AS PER NYC DOB DESIGN GUIDELINES.
USE STRONGMAN SBN-22 DEBRIS MESH, OR EQUAL
MESH # SBN-22 BY STRONGMAN INDUSTRIES POSSESSES VOID RATION OF 74%
26% (30 PSF)= YIELDS WIND LOAD OF 7.8 PSF, NORMAL TO SURFACE.
IF ANCHORS INSTALLED AT 8'-0" o/c HORIZONTAL, AND 13'-0" o/c VERTICAL,
LOAD IS 5.2x8x13 = 812# PER ANCHOR.
USE 3/8"x4" EMBEDMENT INTO CONCRETE SLAB
ALLOWABLE SHEAR = 3840#
ALLOWABLE TENSION = 2850 > 812#

SCAFFOLD USER'S RESPONSIBILITY:

- EXCEPT AS MIGHT BE NECESSARY IN AN EMERGENCY, THE USER SHALL NOT MODIFY OR MOVE ANY PART OF THE SCAFFOLD SYSTEM WITHOUT PRIOR TO APPROVAL FROM THE SCAFFOLD CONTRACTOR.
- USER SHALL IMMEDIATELY REPORT DAMAGE, DEFECTS, LOOSE PARTS OR ANY HAZARDOUS CONDITIONS TO THE SCAFFOLD CONTRACTOR. SECURE ANY UNSAFE OR SUSPECT AREAS AGAINST USE UNTIL SUCH CONDITIONS ARE CORRECTED.
- STAIRS, RAILING, TOE BOARDS AND OTHER SAFETY ITEMS SHALL BE MAINTAINED ACCORDING OSHA AND LOCAL ORDINANCES.
- ONLY WORKERS WITH EXPERIENCE IN ERECTING OR REMOVING SCAFFOLDS SHALL BE EMPLOYED. THEY SHALL WORK UNDER SUPERVISION OF A DESIGNATED SUPERINTENDENT OR FOREMAN WHO SHALL ENFORCE SUCH MEASURES AS NECESSARY FOR THE PROTECTION OF PUBLIC AND PROPERTY.



2 SECTION
EQ-001 SCALE: 3/32"=1'-0"

- SPECIAL INSPECTION ITEMS:**
- STRUCTURAL SAFETY - STRUCTURAL STABILITY
- PROGRESS INSPECTION ITEMS:**
- FINAL

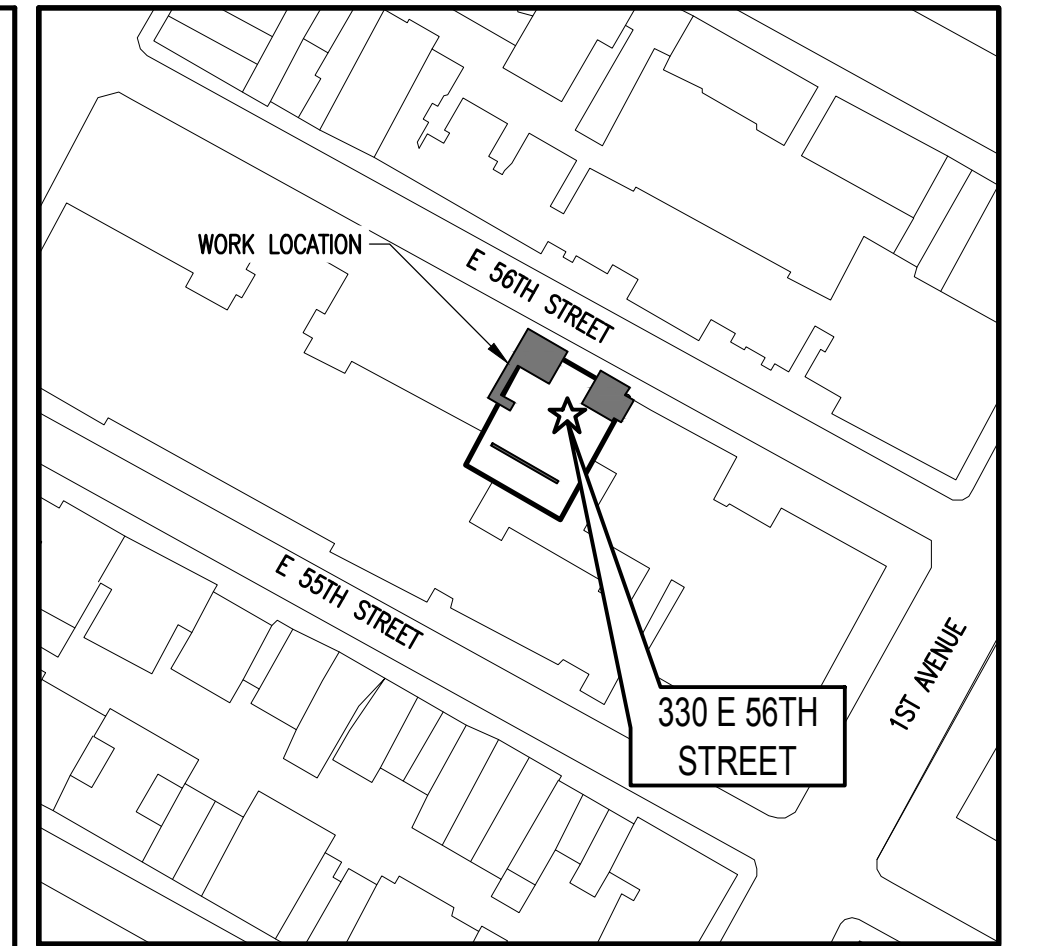
TENANT'S SAFETY PLAN:

- CONSTRUCTION WORK WILL BE CONFINED TO THE AREA, AND WILL NOT CREATE DUST, DIRT, OR OTHER SUCH INCONVENIENCES TO NEIGHBORING BUILDINGS.
- CONSTRUCTION WORK SHALL NOT BLOCK HALLWAYS OR OTHER MEANS OF EGRESS FOR TENANTS OF THE BUILDING.
- CONSTRUCTION OPERATIONS SHALL NOT INVOLVE INTERRUPTION OF HEAT, WATER, OR ELECTRICAL SERVICES TO OTHER TENANTS OF THE BUILDING.
- CONSTRUCTION OPERATIONS SHALL BE CONFINED TO NORMAL WORKING HOURS: 8 AM TO 5 PM, MONDAY THROUGH FRIDAY, EXCEPT LEGAL HOLIDAYS.
- ALL WORK PERFORMED IN THE ERECTION AND USE OF THE TEMPORARY STRUCTURE MUST COMPLY WITH THE NYC DOB CODE SECTION 28-104.8.4 WITH REGARDS TO THE TENANT SAFETY PLAN. THE GC FOR THE PROJECT MUST SUBMIT A COPY OF THE TENANT SAFETY PLAN TO ADS FOR RECORD.

SCAFFOLD CONTRACTOR'S RESPONSIBILITY:

- ALL FIELD CONDITIONS DIFFERING FROM THE DRAWINGS & ANY FIELD CHANGES SHALL BE REPORTED TO THE ARCHITECT / ENGINEER.
- USE ONLY SCAFFOLD GRADE PLANKS. CONTRACTOR SHALL VISUALLY CHECK ALL SCAFFOLD MATERIALS AND DISCARD SUBSTANDARD OR SUSPECT ITEMS.
- STAIRS, RAILING, TOE BOARDS AND OTHER SAFETY ITEMS SHALL BE INSTALLED ACCORDING OSHA AND LOCAL ORDINANCES.

"THIS PLAN IS APPROVED ONLY FOR THE WORK INDICATED IN THE APPLICATION SPECIFICATION SHEET. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON, NOR BE CONSIDERED AS EITHER BEING OR IN ACCORDANCE WITH THE APPLICABLE CODES."



KEY MAP
N.T.S.

PROJECT SITE DATA:

Borough: MANHATTAN
Block: 1348
Lot: 36
Police Pct: 17
Owner: METROPOLITAN SUTTON A
Address: 330 EAST 56TH STREET, NEW YORK 10022
Lot Area: 7932 sf
Lot Frontage: 79'
Lot Depth: 100.42'
Year Built: 1900
No. of Bldgs: 1
No. of Floors: 17
Gross Area: 186,000 sf
Zoning: R8
Zoning Map #: 80

PROJECT:


330 EAST 56TH STREET
NEW YORK, NY

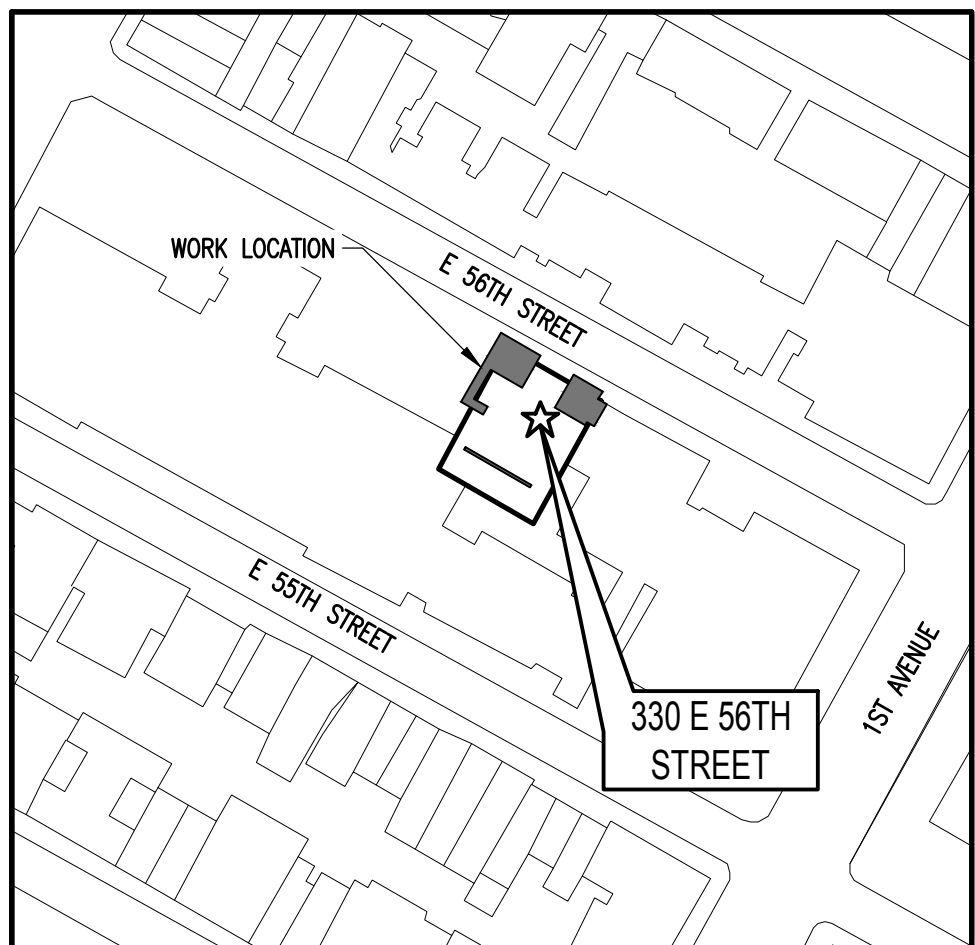
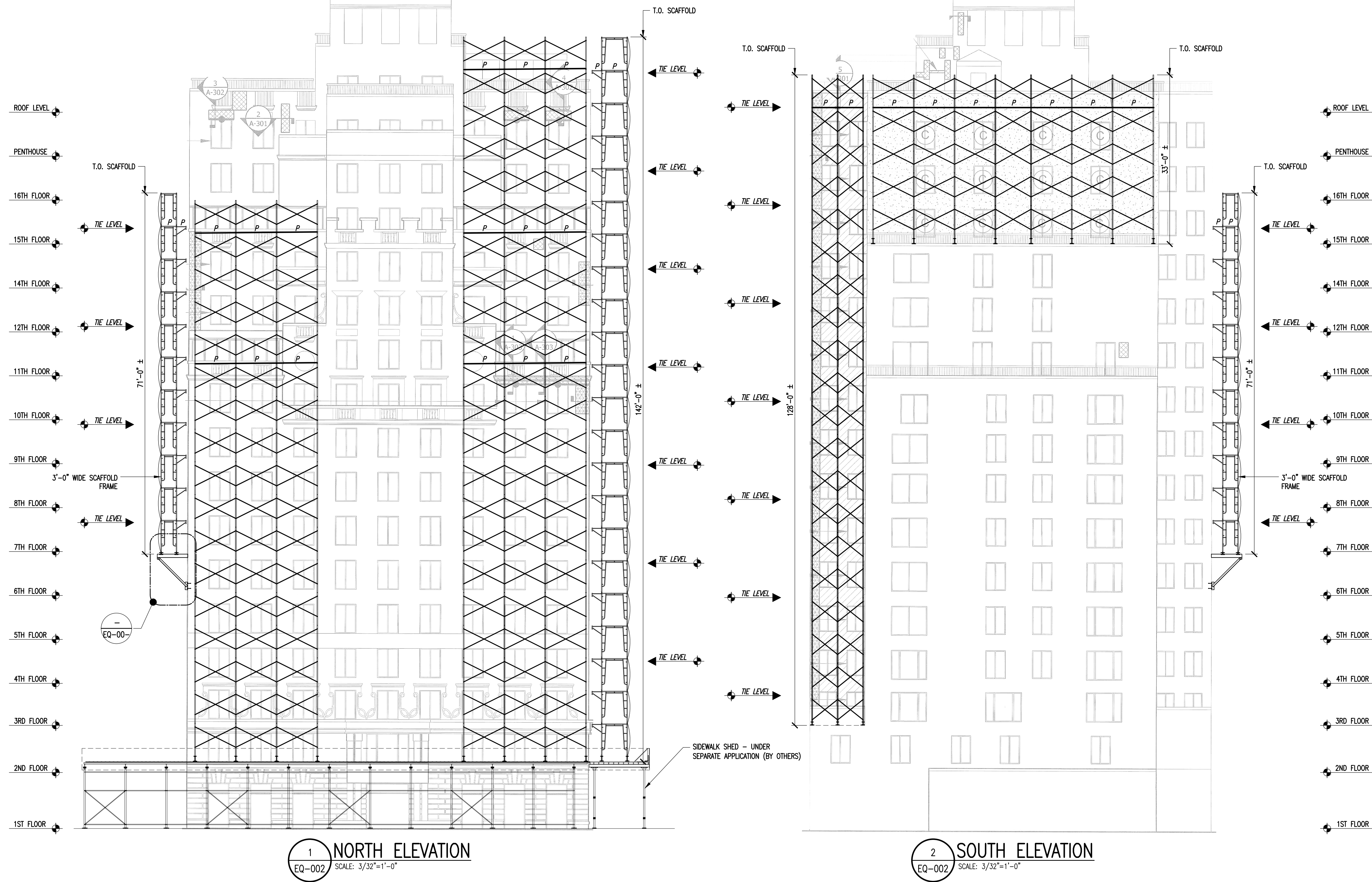
**TEMPORARY SCAFFOLDING
PLANS & SECTIONS**



ENGINEERING SERVICES PROVIDED FOR:

DYNAMIC INSTALLATION CORP.
68 CONWAY STREET
BROOKLYN, NY 11207
P: 917-709-4514

REVISION	DESCRIPTION	DATE	BY
1			
2			
3			
4			
5			
DATE: 12.18.17		TOHFAZ UDDIN STATE OF NEW YORK REGISTERED ENGINEER P.E. #071719	
PROJECT NO.: 17187			
DRAWING BY: JH			
CHK BY: TU			
DWG. NO.: EQ-001.00			
NYC DOB JOB STICKER ACCEPTED			
01/16/2018			
1 of 3			



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**TEMPORARY SCAFFOLDING
ELEVATIONS & DETAILS**



ALTERNATE DESIGN SOLUTIONS
STRUCTURAL ENGINEERING DESIGN & CONSTRUCTION SERVICES
PHONE: 215.355.4684
WWW.ALTERNATEDESIGNSOLUTIONS.COM

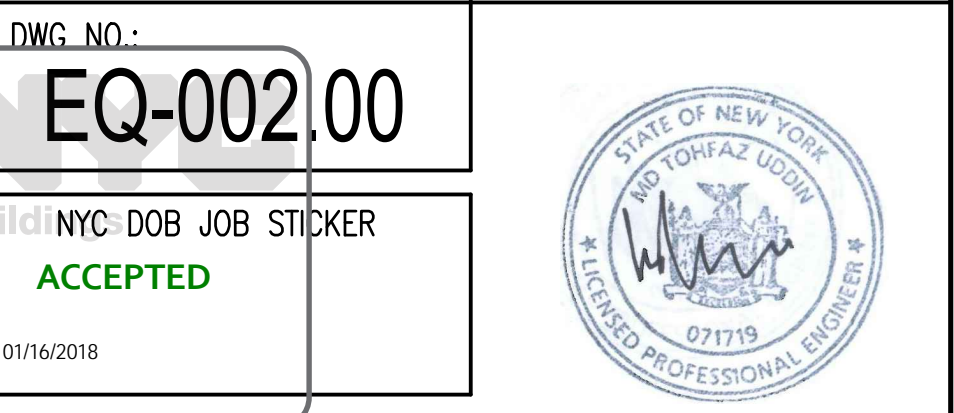
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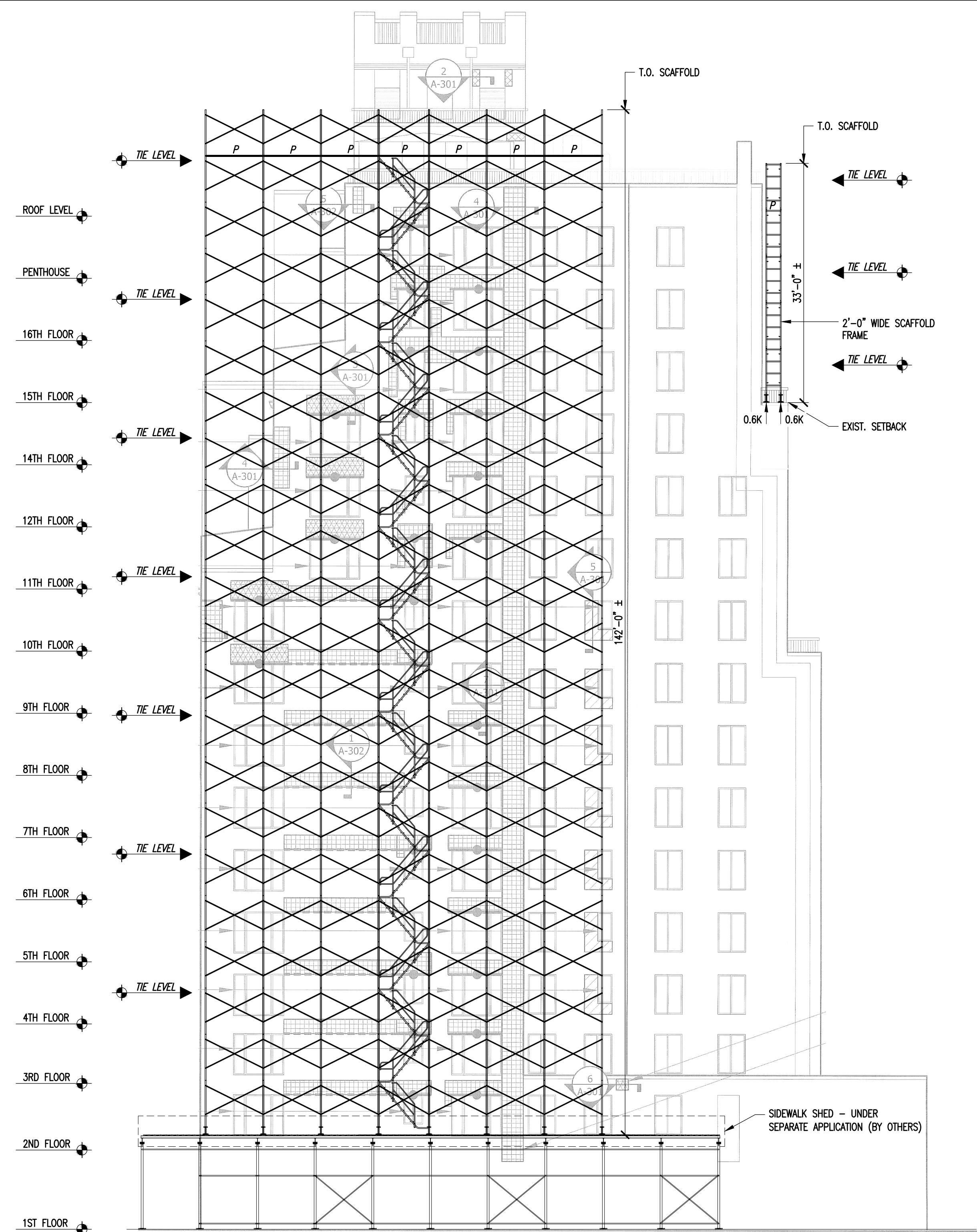
DYNAMIC INSTALLATION CORP.
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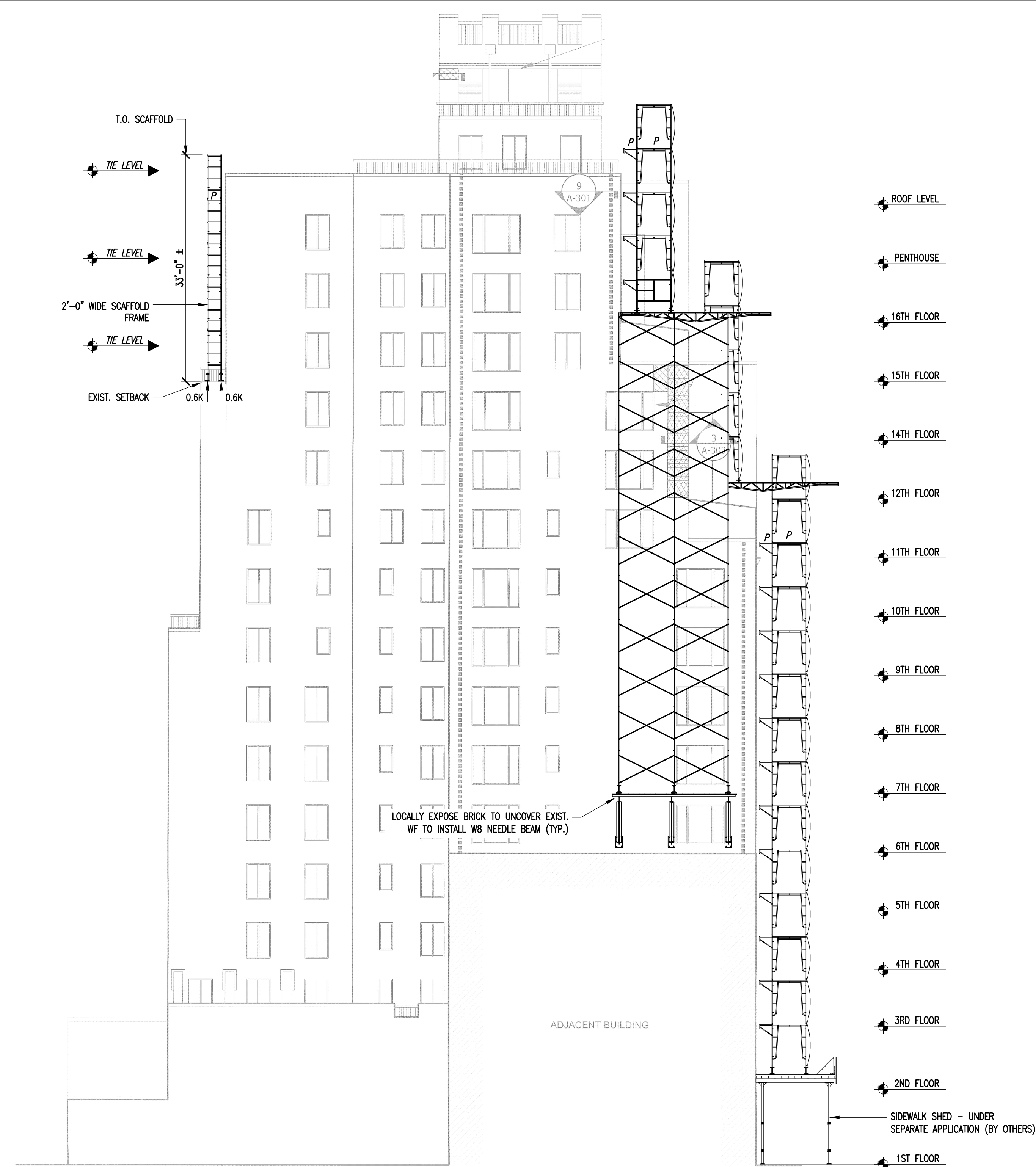
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PROJECT NO.: 17187
DRAWING BY: JH
CHK BY: TU
DWG. NO.: EQ-002.00

TOHFAZ UDDIN
STATE OF NEW YORK
REGISTERED ENGINEER
P.E. #071719

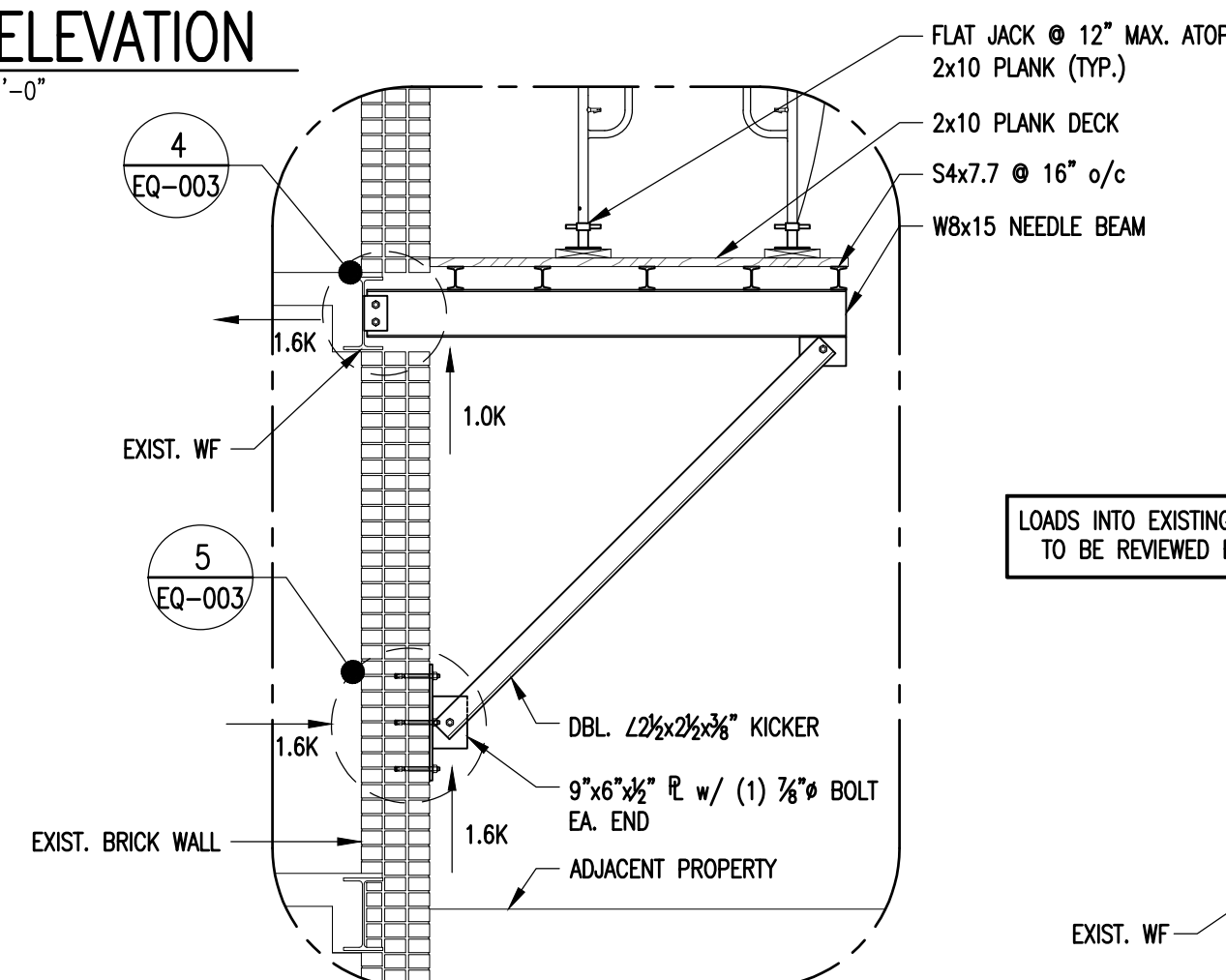




1 WEST ELEVATION
EQ-003 SCALE: 3/32"=1'-0"

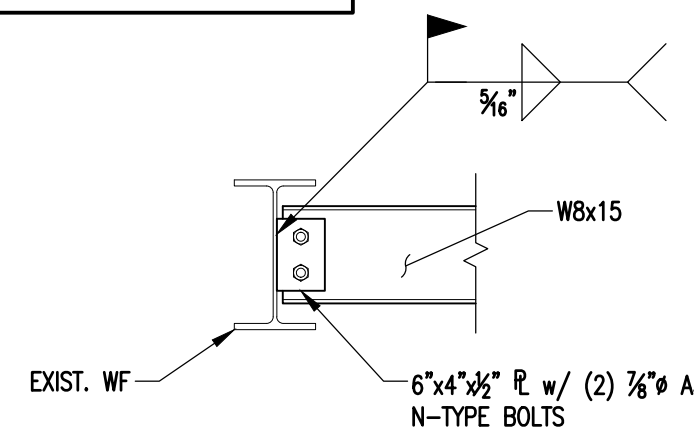


2 EAST ELEVATION
EQ-003 SCALE: 3/32"=1'-0"

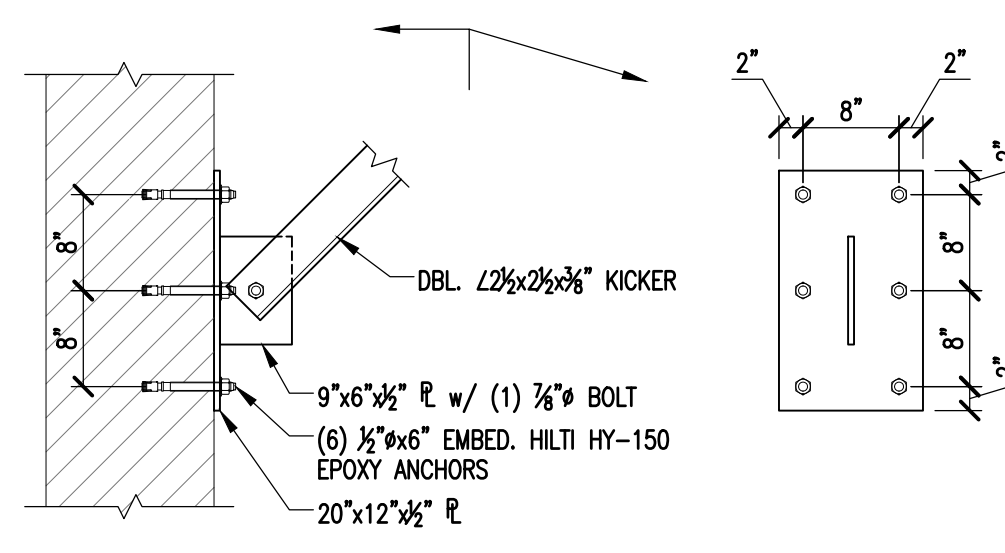


3 SECTION
EQ-003 SCALE: 3/8"=1'-0"

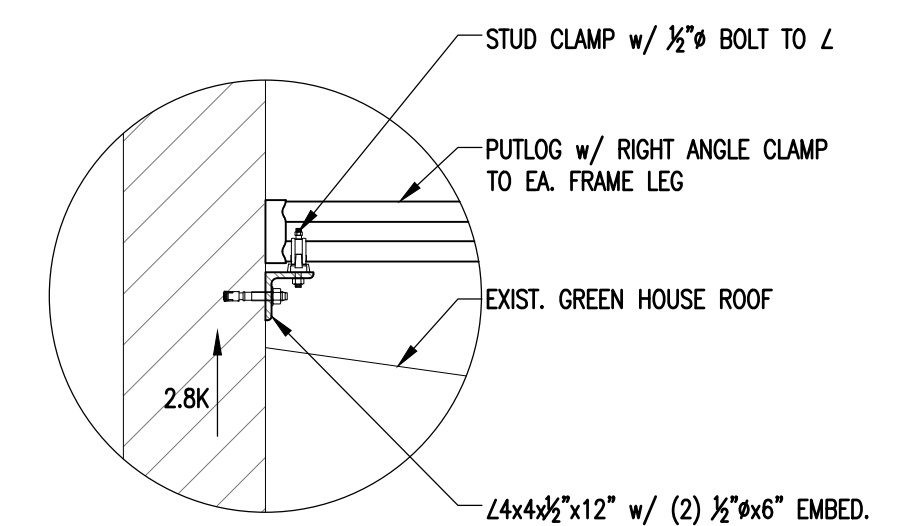
LOADS INTO EXISTING STRUCTURE TO BE REVIEWED BY OTHERS



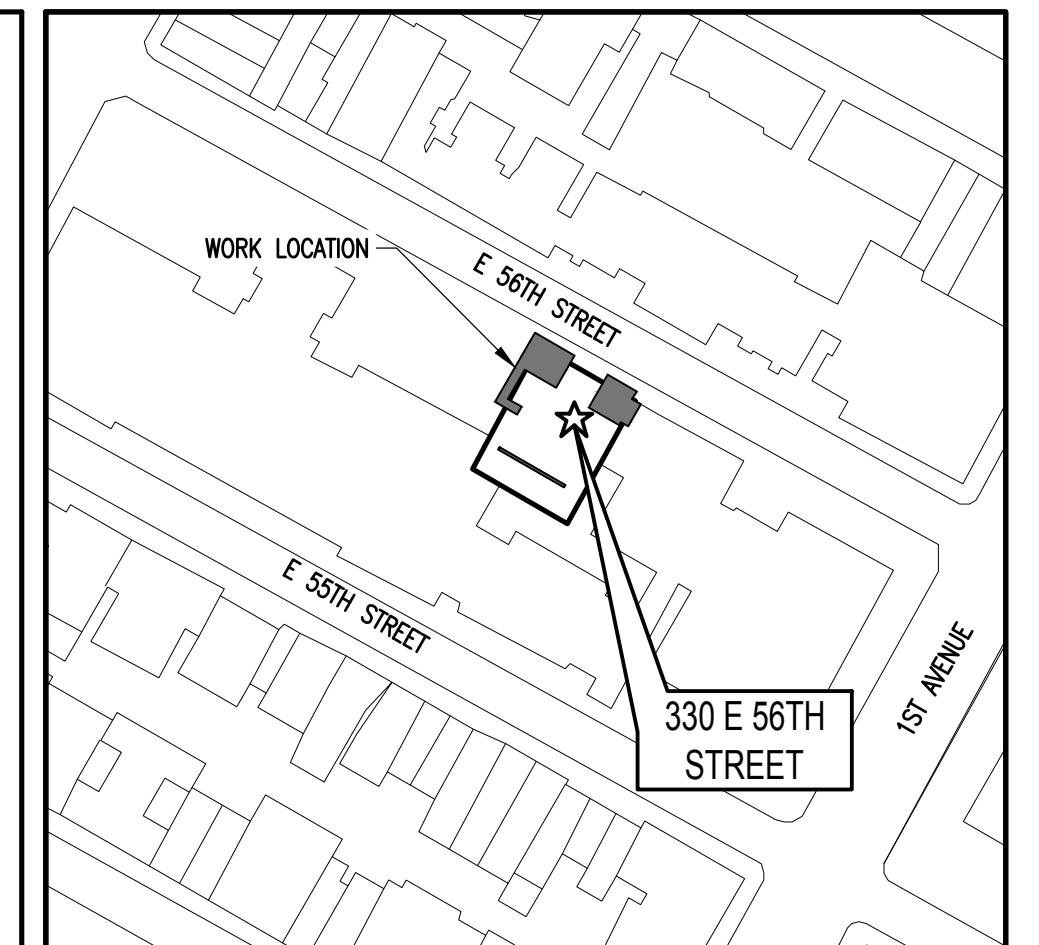
4 DETAIL
EQ-003 SCALE: 3/4"=1'-0"



5 MOUNTING PL DETAIL
EQ-003 SCALE: 3/4"=1'-0"



6 DETAIL
EQ-003 SCALE: 3/4"=1'-0"



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TEMPORARY SCAFFOLDING
ELEVATIONS & DETAILS



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DWG. NO.: EQ-003.00

NYC DOB JOB STICKER
ACCEPTED
Date: 01/16/2018

