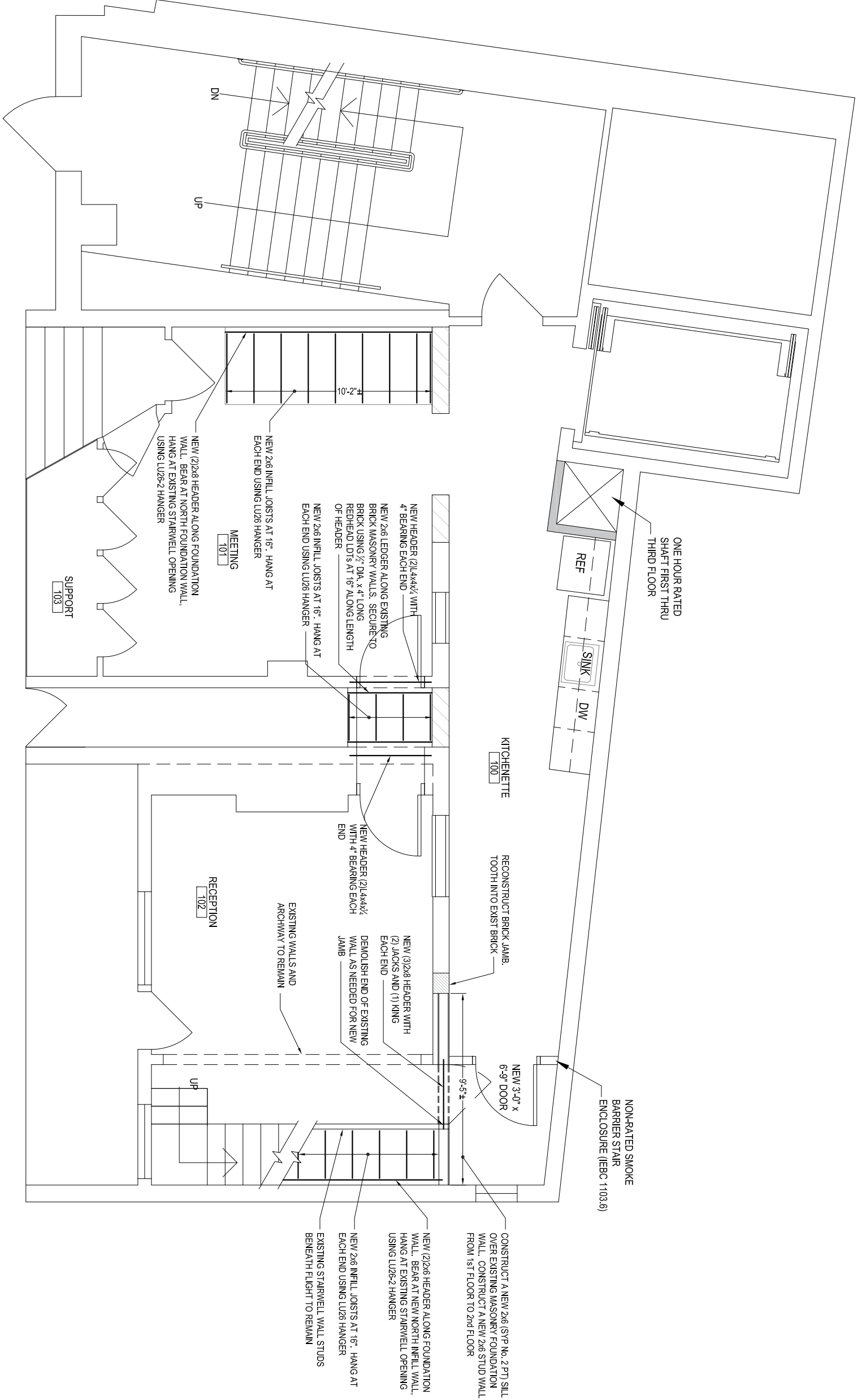
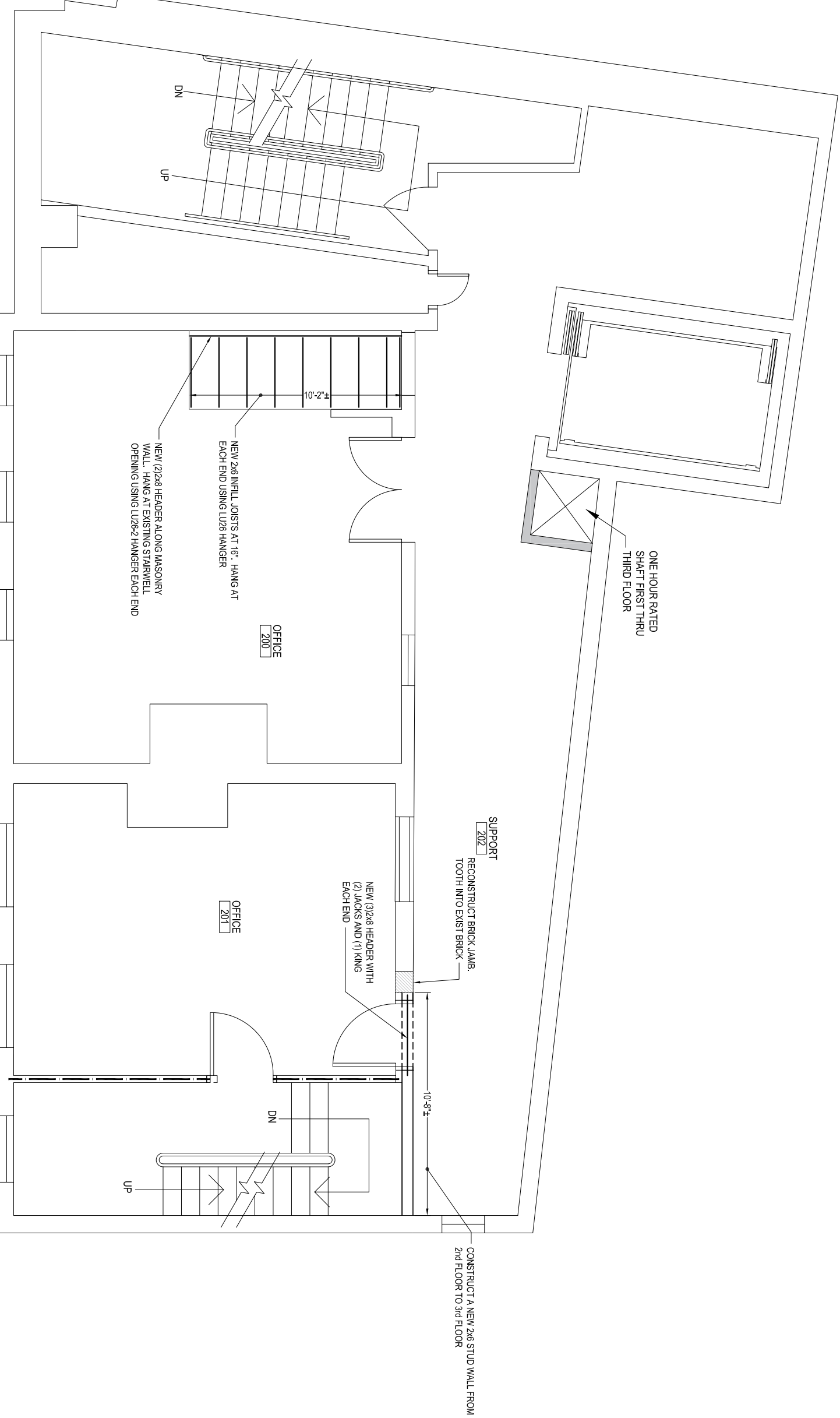


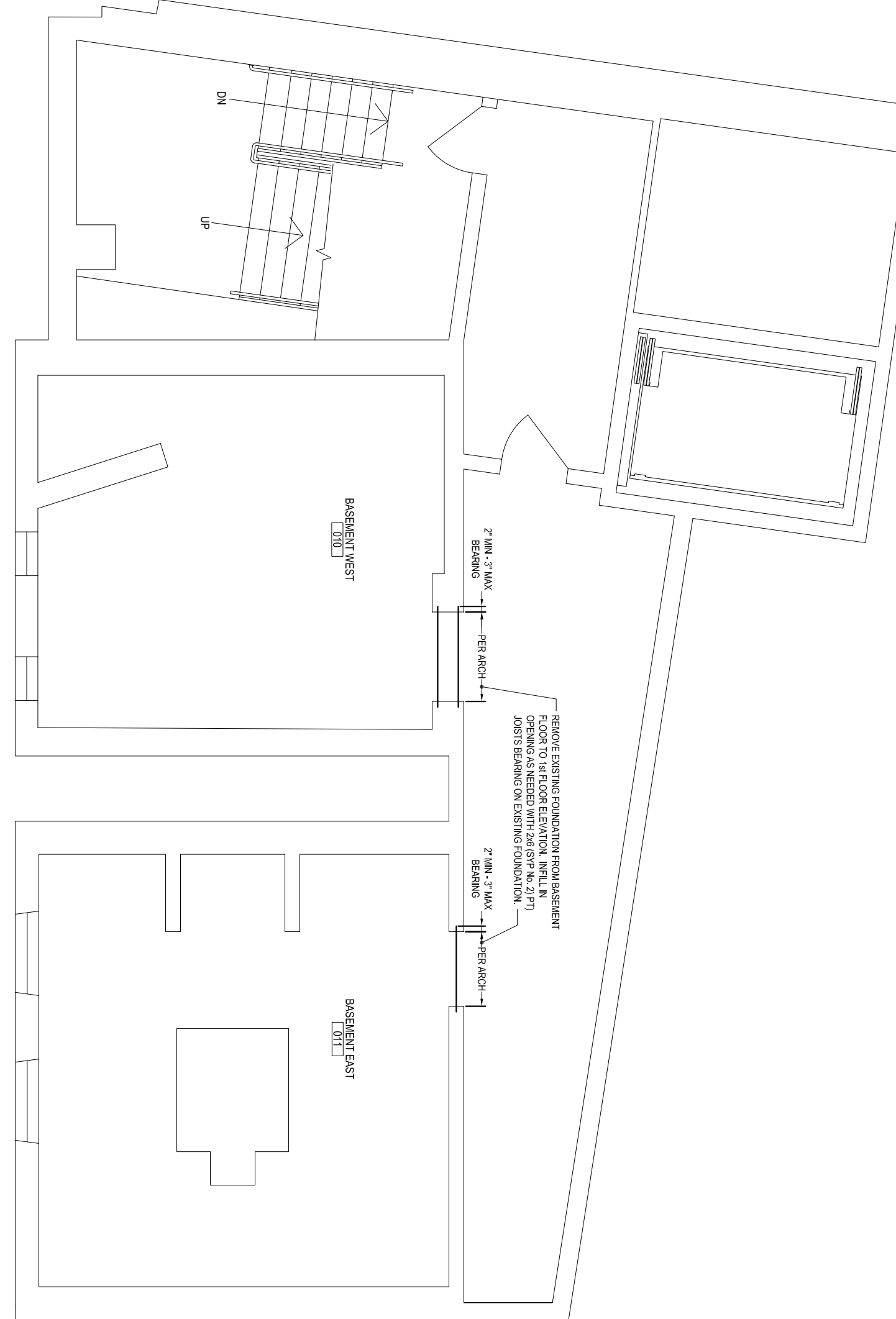
3rd FLOOR FRAMING PLAN



1st FLOOR FRAMING PLAN



2nd FLOOR FRAMING PLAN



BASEMENT FRAMING PLAN

A. BUILDING CODES AND STANDARDS

1. THE 2009 INTERNATIONAL BUILDING CODE, INCLUDING ALL CODES AND SPECIFICATIONS REFERENCED WITHIN, SHALL APPLY TO THE DESIGN, CONSTRUCTION AND QUALITY CONTROL OF ALL WORK PERFORMED ON THE PROJECT.
2. ADDITIONAL DESIGN STANDARDS FOR MATERIALS SHALL BE FOUND IN THE APPROPRIATE SECTIONS THAT FOLLOW. SEE THOSE SECTIONS FOR THE APPLICABLE CODES.

B. DESIGN LOADS

1. ROOF DEAD LOADS
 - a. INSULATION AND ROOFING (NORTH) 1 PSF
 - b. SLATE SHINGLES 10 PSF
 - c. STRUCTURAL STEEL FRAMING 2 PSF
 - d. CEILING 6 PSF
 - e. COLLECTOR (MIN) 3 PSF
 - 15 - 24 PSF TOTAL
2. ROOF LIVE LOADS
 - a. CODE-PREScribed MINIMUM 20 PSF
 - b. GROUND SNOW LOAD 30 PSF
 - c. EXPOSURE FACTOR C_e 1.1
 - d. THERMAL FACTOR C_t 1.0
 - e. SLOPED ROOF FACTOR C_s 0.7
 - f. WIND EXPOSURE FACTOR E 1.0
 - 11 PSF TOTAL
3. DRIFT LOADS
 - a. DRIFT LOAD AT SLOPED ROOFS 0 PSF
 - b. DRIFT LOAD AT FLAT ROOFS 60 PSF

7. SEISMIC LOADS

1. DO NOT CONTROL THE STRUCTURAL DESIGN

CONSTRUCTION

1. GENERAL
 - a. THESE DRAWINGS REPRESENT THE COMPLETED PROJECT. DESIGNED FOR THE STRUCTURE DEAD AND LIVE LOADS INDICATED ON THE DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE AND CONSTRUCTION OF BASE WORK, FORMWORK, TEMPORARY BRACING, SHEETING AND SHORING, ETC.
 - b. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS FOR ALL WORK BEFORE PROCEEDING WITH THE CONSTRUCTION. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
 - c. OBSERVATIONS OF THE BUILDING. THE CONTRACTOR SHALL VERIFY ALL EXISTING BUILDING INFORMATION SHOWN (DIMENSIONS, ELEVATIONS, FRAMING, ETC.) AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.

WOOD

1. DESIGN STANDARDS
 - a. NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION AND SUPPLEMENT DESIGN VALUES FOR WOOD CONSTRUCTION*

2. MATERIALS

- a. SAWN LUMBER SHALL BE VISUALLY GRADED DIMENSION LUMBER KILN-DRIED WITH A 15% MAXIMUM MOISTURE CONTENT. LUMBERS NOTED OTHERWISE ALL LUMBER SHALL BE SPRUCE-PINE-FIR, No. 2 GRADE.
- b. WOOD STRUCTURAL PANELS (PLYWOOD OR OSB) SHALL COMPLY WITH THE LATEST EDITION OF THE AMERICAN PLYWOOD ASSOCIATION STANDARD DPM-10, SHALL BE 3/4" THICK, AND SHALL BE SPAN RATED PRO 2416.

3. SAWN LUMBER/STRUCTURAL COMPOSITE LUMBER

- a. MEMBERS SHALL BE SET WITH CROWN SIDE UP AND HAVE A MINIMUM OF 1 1/2" BEARING.
- b. ALL JOISTS AND RAFTERS SHALL HAVE FULL DEPTH BLOCKING OR BRACING.
- c. ALL HEADERS ARE SCHEDULED ON THE PLANS.
- d. WOOD SILL PLATES SHALL BE ANCHORED TO FOUNDATIONS WITH 1/2" ANCHORS AT 6' O.C. MAXIMUM OR (2) ANCHORS MINIMUM PER MEMBER. ANCHOR BOLTS SHALL BE EMBEDDED A MINIMUM OF 6" INTO EXISTING FOUNDATIONS.
- e. ALL BOLTS AND LAG BOLTS SHALL BE FITTED WITH GALVANIZED, WALLEABLE IRON OR STEEL PLATE WASHERS.
- f. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATE TEMPORARY BRACING OF ALL BUILDING ELEMENTS. TEMPORARY BRACING SHALL NOT BE REMOVED UNTIL PERMANENT BRACING IS INSTALLED, ATTACHED, AND CAPABLE OF SUPPORTING LOADS.
- g. ALL LUMBER IN CONTACT WITH MASONRY OR CONCRETE SHALL BE PRESSURE TREATED.

4. STRUCTURAL SHEATHING

- a. EACH CONSTRUCTION PANEL SHALL BE MARKED WITH APA TRADEMARK EVIDENCING COMPLIANCE WITH VOLUNTARY PRODUCT STANDARD PS-1, PS-2 OR PS-4 PER 1016.
- b. ALL SHEATHING SHALL BE PANEL LONG DIMENSION PERPENDICULAR TO THE SUPPORTING MEMBERS. MINIMUM PANEL WIDTH SHALL BE 24".
- c. FLOOR SHEATHING SHALL BE GULED AND NAILED TO ALL SUPPORTS, WALL PANEL EDGES WITH 6d RINGS-SHANK NAILS @ 6" O.C. AND INTERMEDIATE SUPPORTS @ 12" O.C. ALL PANEL EDGES SHALL BE BLOCKED.

5. WOOD PRESERVATIVE TREATMENT

- a. WHERE LUMBER OR PLYWOOD IS INDICATED AS "TREATED" OR "PT", COMPLY WITH APPLICABLE REQUIREMENTS OF AMERICAN WOOD PRESERVERS ASSOCIATION (AWPA) STANDARDS C2 (LUMBER) AND C3 (PLYWOOD) AND WITH AWPA QUALITY MARK REQUIREMENTS.
- b. TREATED LUMBER SHALL BE TREATED TO A MINIMUM OF 0.15% PRESERVATIVE CONCENTRATION WITH AN ARCAVAL WOOD PRESERVERS BUREAU (AWPB) 1P2 AFTER TREATMENT. KILN-DRY LUMBER AND PLYWOOD TO A MAXIMUM MOISTURE CONTENT, RESPECTIVELY OF 10% AND 15%.

SPECIAL INSPECTIONS

1. SPECIAL INSPECTIONS ARE NOT REQUIRED FOR THIS PROJECT.

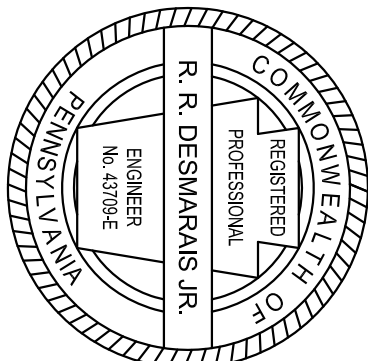
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REVISIONS		PROJECT NUMBER	CHECKED BY:	SCALE:
DATE				
12/07/2018	△	03231	RBD	1/8" = 1'-0"
S1			RBD	

LANCASTER COUNTY
CONVENTION CENTER AUTHORITY

DEMOLITION AND ALTERATIONS FOR
LYDIA HAMILTON SMITH HOUSE
LANCASTER, PA

STRUCTURAL FRAMING ALTERATION PLANS
GENERAL STRUCTURAL NOTES



rrd pe corp

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