

**ARCHITECTURAL SPECS/MATERIAL NOTES**

- All work per IBC 2012
- Concrete - 3000 PSI (28 days)
- Reinforcing Steel - ASTM A615 Grade 60
- Crushed stone/gravel #57
- CMU - ASTM C90, HLB, N4
- CMU to be wet thoroughly prior to use
- Cell Grout - 2,500 PSI (28 days), 3/8" aggr. or mortar
- Mortar - ASTM C270, Type-S (with new materials)
- Mortar - ASTM C270, Type-N (w/ historic brick)
- Horiz. Joint Reinf. - Dur-o-wall or equal
- Expansion Joint 1/2" Cork or Asphalt Fiberglass
- where conc. meets all vertical surfaces
- Control Joints @ 10' o.c. in conc. slab
- Wall Sleeving for electrical/plumbing, Sch-40
- Wood studs SPS construction grade
- Joists & Frame SPS #1/2 (Milled Poplar 2 x 10 Joists)
- Sheet A-38

**STRUCTURAL ENGINEER NOTES**

**DESIGN CODES**

- IBC 2012
- DC 2013
- NDS 2012
- ASCE 7-10

**LOADING DATA**

FLOOR LIVE LOAD = 40 PSF  
 FLOOR DEAD LOAD = 10 PSF  
 ROOF LIVE LOAD = 30 PSF  
 ROOF DEAD LOAD = 17 PSF  
 ROOF DECK LIVE LOAD = 50 PSF  
 ROOF DECK DEAD LOAD = 17 PSF

**DEFLECTION FOR ROOF MEMBERS**  
 LIVE LOAD = L/360  
 TOTAL LOAD = L/240

**DEFLECTION FOR FLOOR MEMBERS**  
 LIVE LOAD = L/360  
 TOTAL LOAD = L/240

**DEFL. FOR MEMBERS SUPPORTING BRICK**  
 LIVE LOAD = L/900  
 TOTAL LOAD = L/600

**DEMOLITION / CLEAN-UP & DOEE NOTES**

- Street/sidewalk to be broom swept daily
- Scaffold to be covered to contain dust.

**SEDIMENT CONTROL/GRADING NOTES**

- Disturbance Area = 75 SF
- Volume of Excavation = 0 CF
- Volume of Fill = 0 CF

WINDOW SCHEDULE					KEY	
KEY	QTY.	SIZE WxH	TYPE	MATERIAL	HANUP.	
W1	4	2'-6" x 5'-11"	DOUBLE HUNG	WOOD/VINYL	ANDERSEN 100 OR EQUAL	= EXISTING MASONRY
W2	1	2'-0" x 4'-0"	CASHEMENT OR SHUTTER	WOOD/VINYL	ANDERSEN OR EQUAL	= NEW MASONRY
W3	1	2'-0" x 3'-8"	DOUBLE HUNG	WOOD	EXISTING RESIDUALS	= SOLID/FILLED MAG.
W4	1	6'-0" x 1'-0"	TRANSOM	WOOD/VINYL	ANDERSEN OR EQUAL	S = SMOKE ALARM

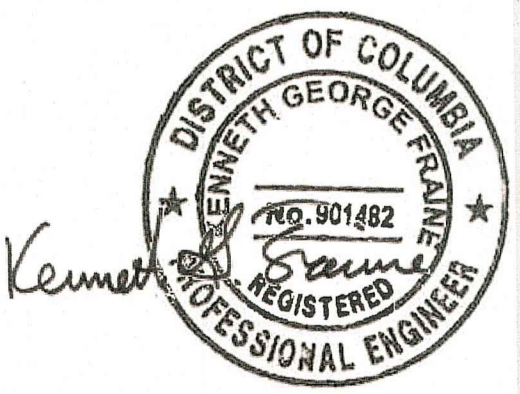
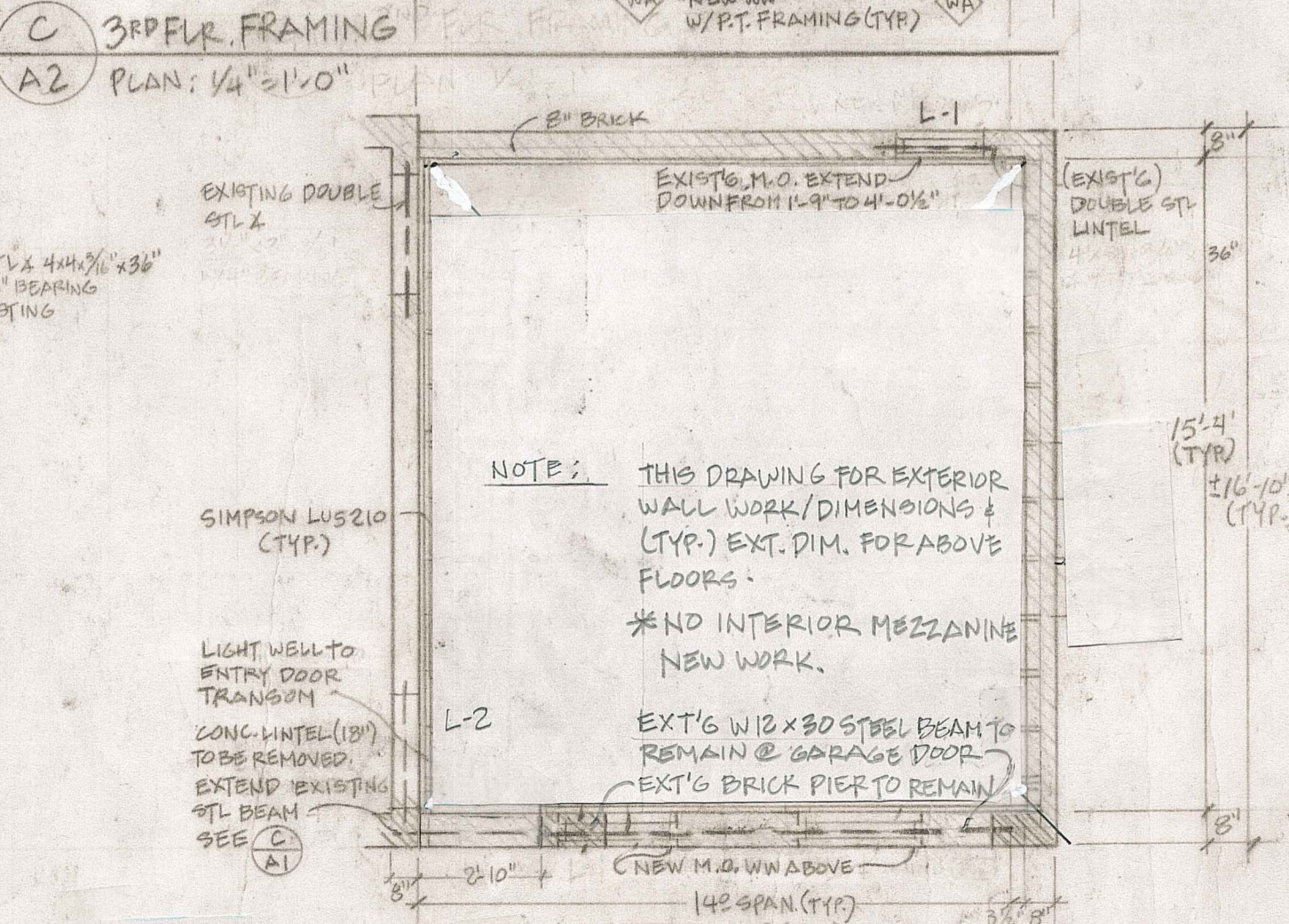
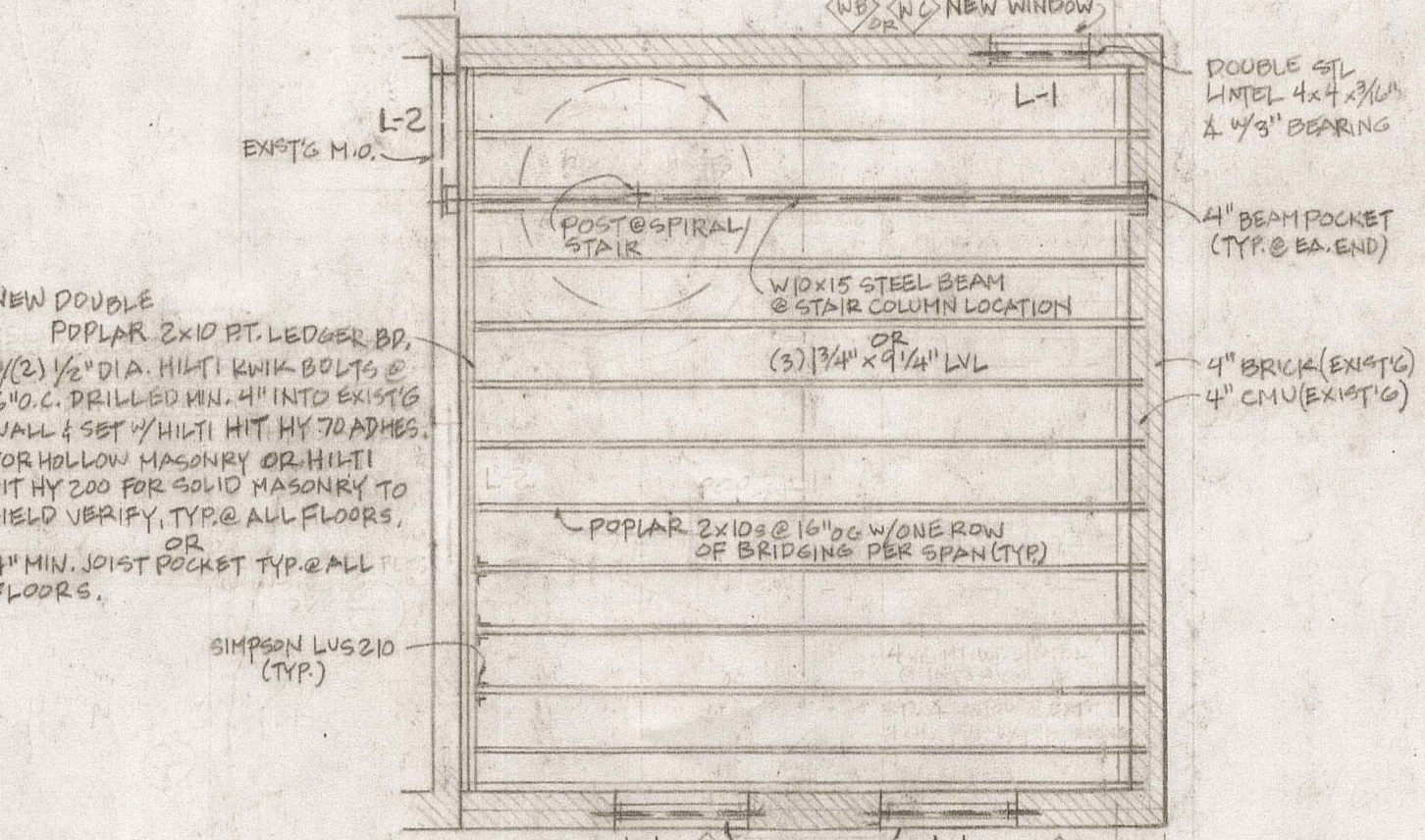
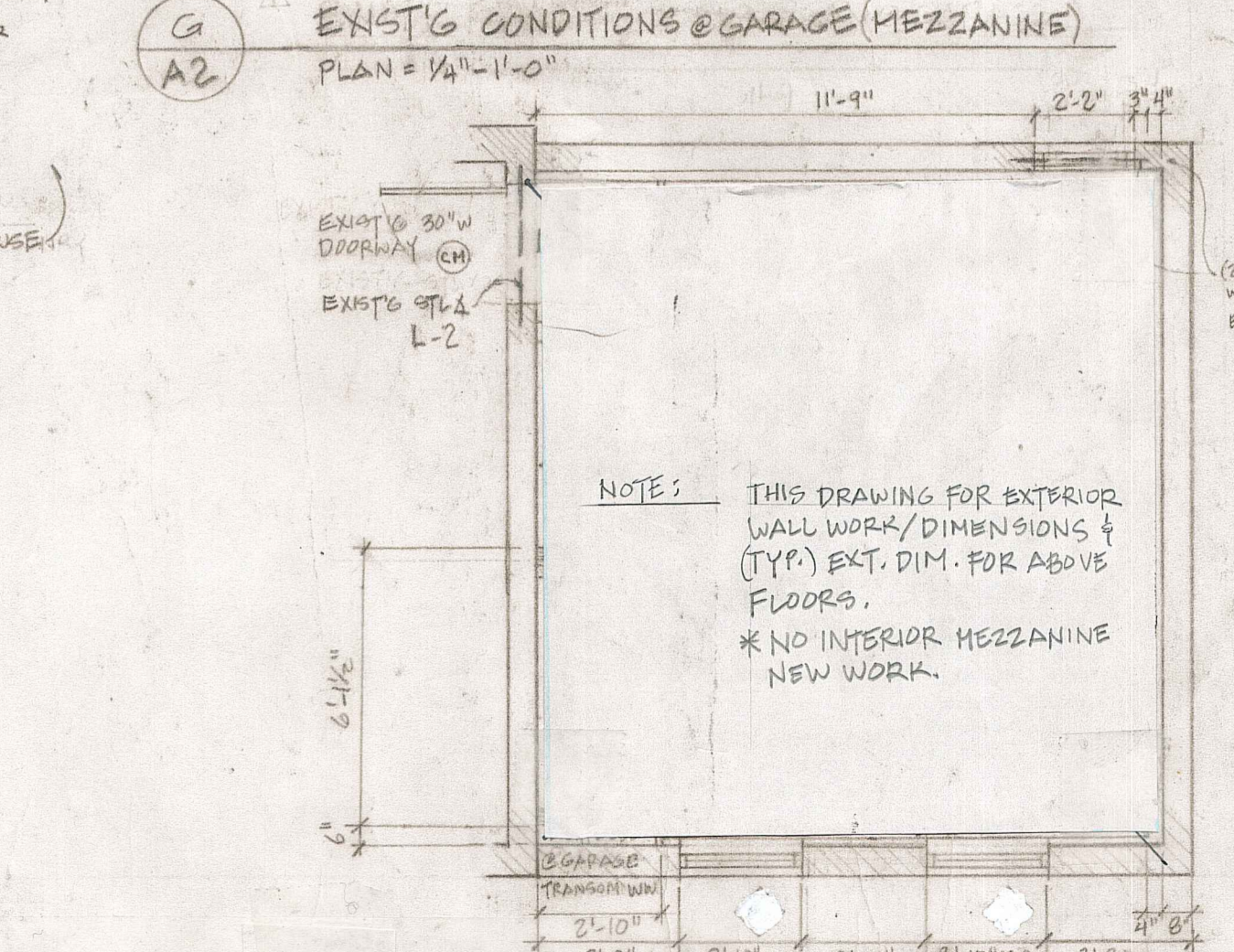
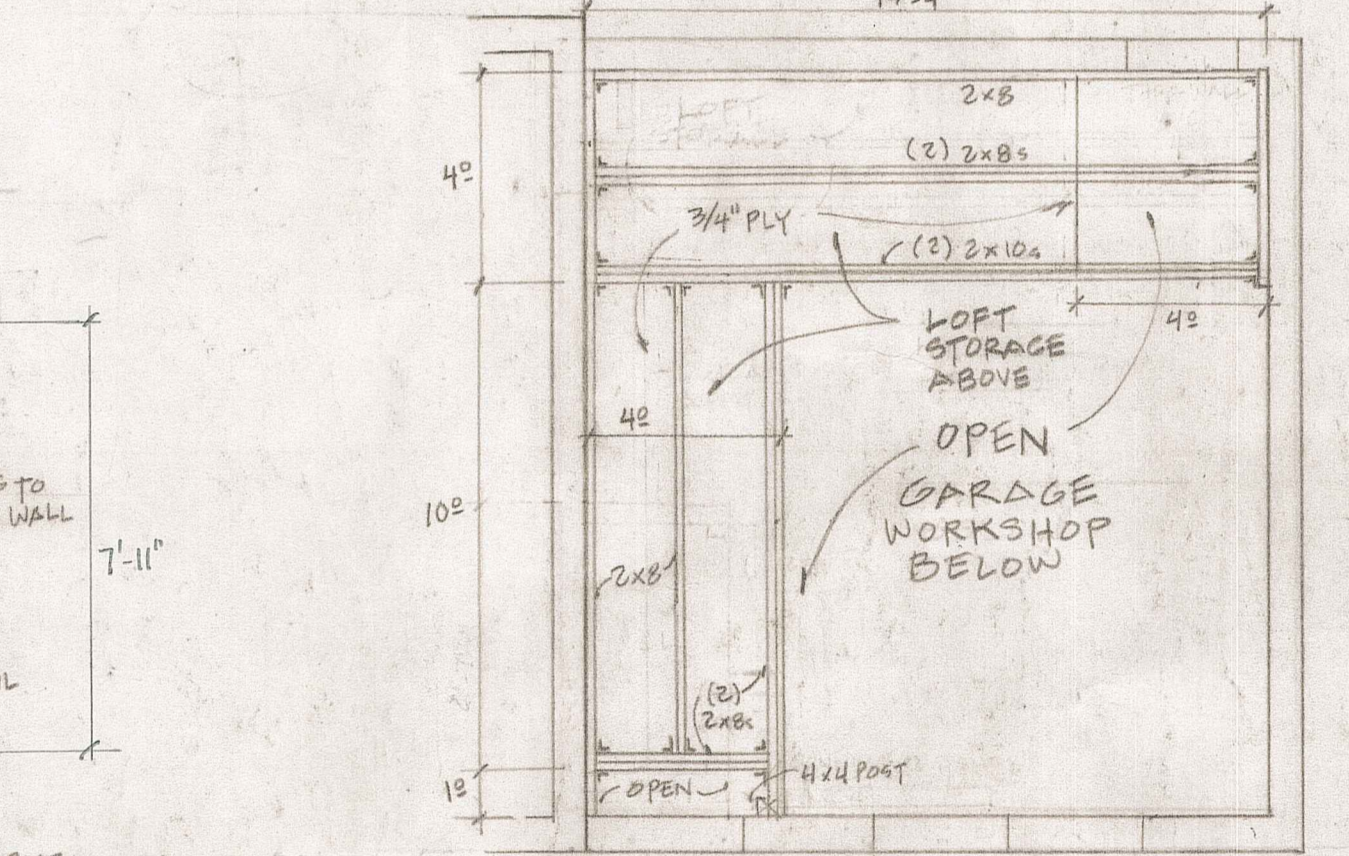
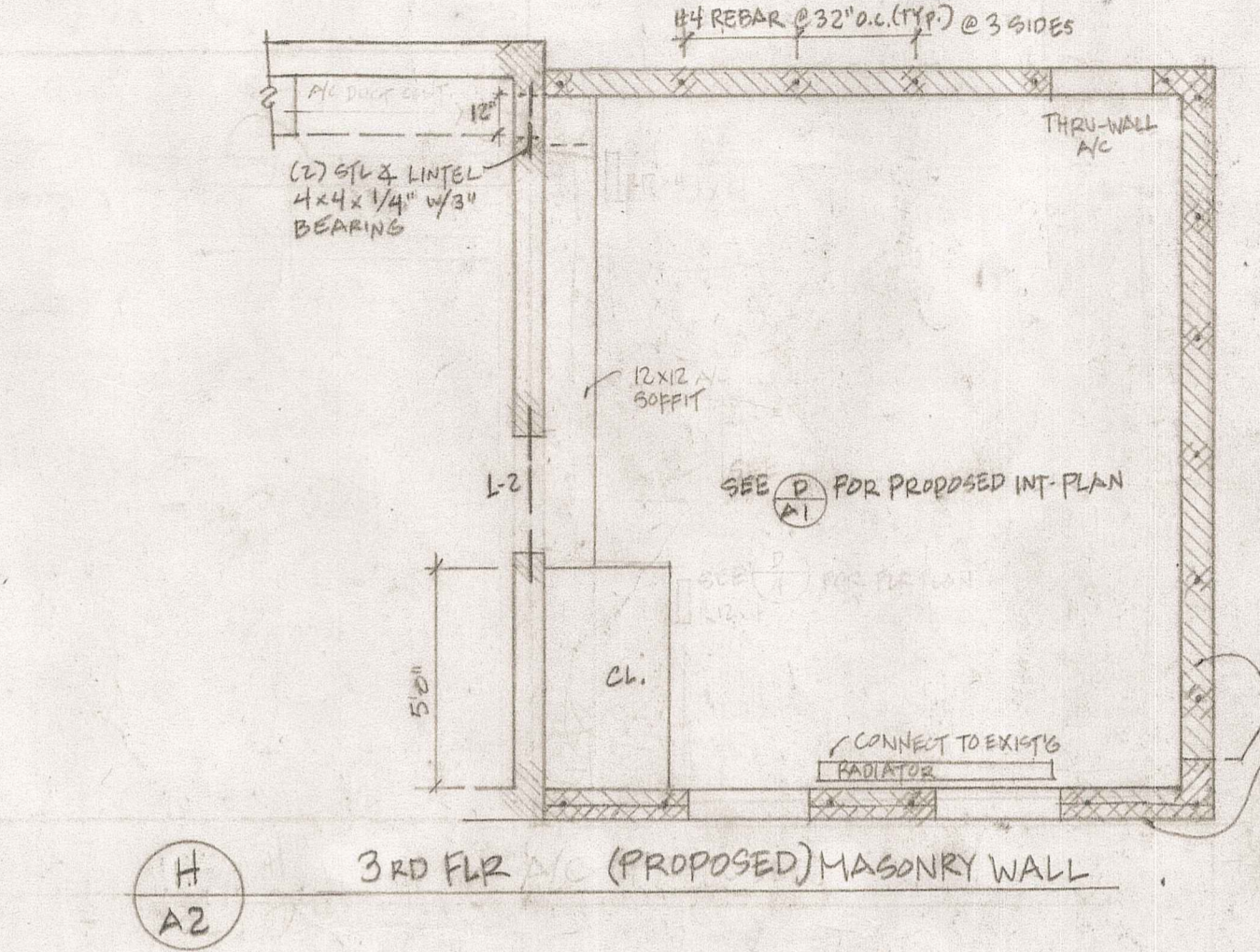
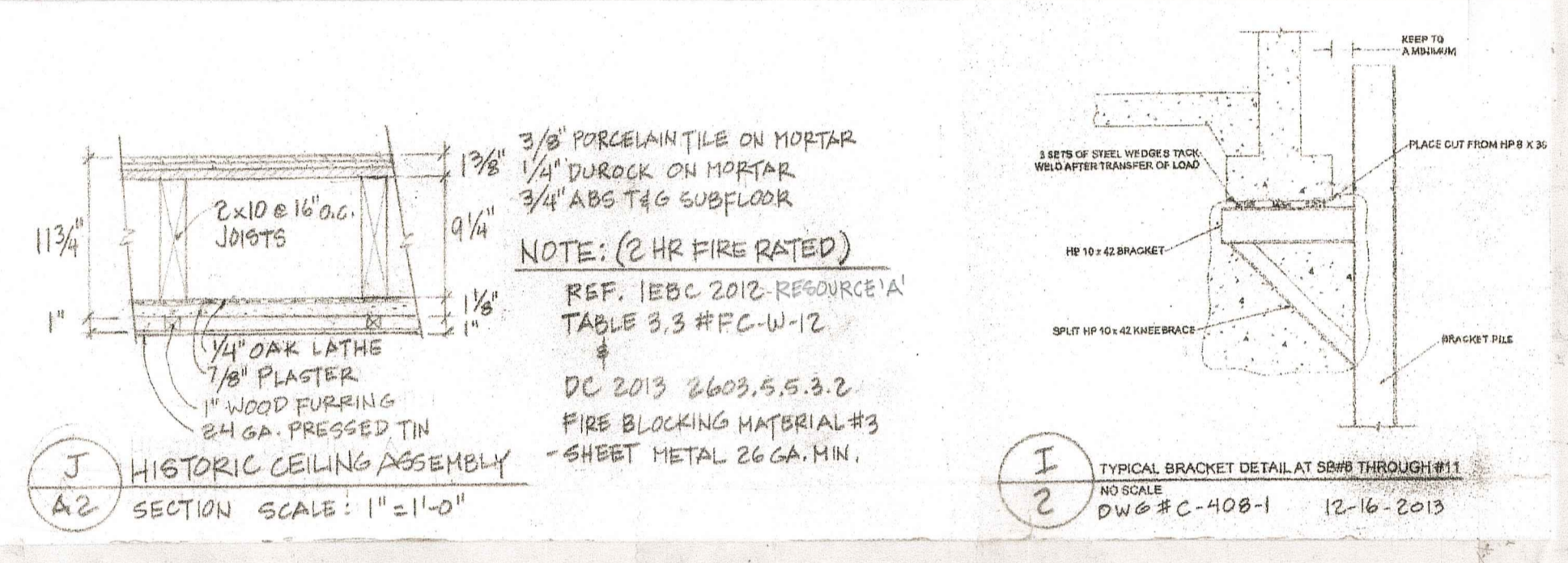
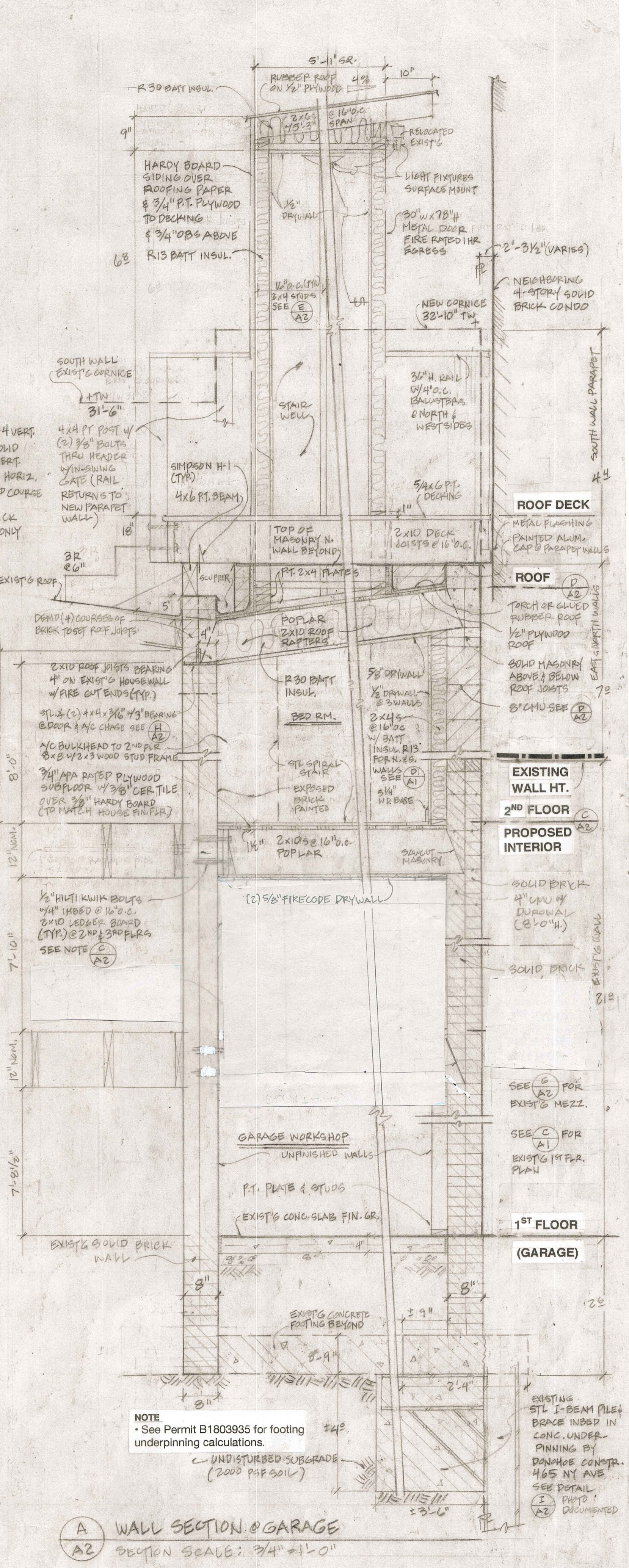
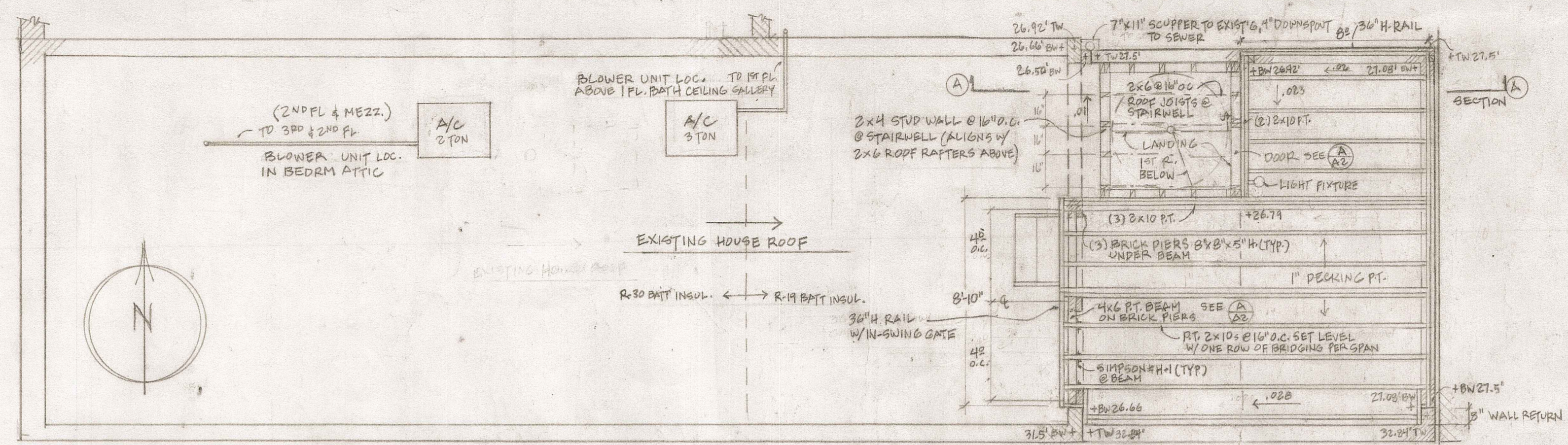
**LIGHTING SCHEDULE**

- = RECESSED
- ⊗ = SURFACE MOUNT

**LINTEL SCHEDULE**

L-1 FIELD VERIFY/USE (2) 4"x4"x7/16" STL & LINTEL  
 NOTE: STONE 10"x4" W/H BRACING REPLACES (1) STL & LINTEL

L-2 FIELD VERIFY/USE (2) 4"x4"x7/16" STL & LINTEL



K PROPOSED 3RD FLR. ADDITION @ GARAGE N. ELEVATION SCALE: 1/4" = 1'-0"

SHEET A2 PROPOSED ONE-STORY ADDITION 1101 5TH ST NW DC 20001

ENGINEER STAMP SET 12-27-18  
 ENGINEER REVIEW SET 3-1-17  
 ENGINEER PREPARED/REVIEW 10-13-15

STUDIO RUSSO  
 ARCHITECTURE  
 2000 22ND ST NW  
 WASHINGTON, DC 20037  
 CASE NO. 20187  
 EXHIBIT NO. 7A2