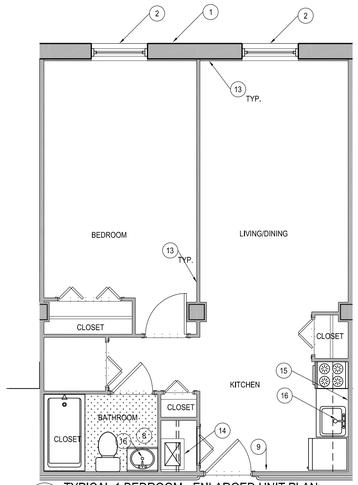
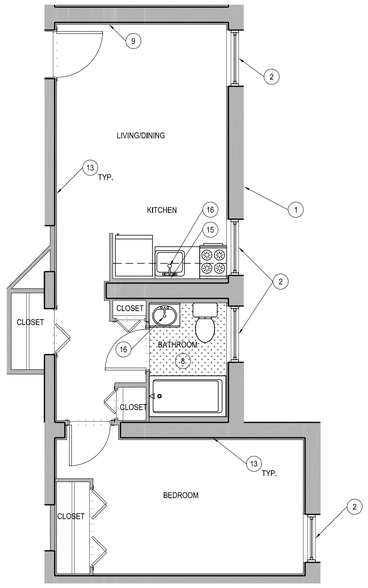
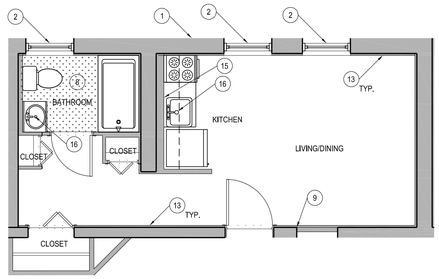


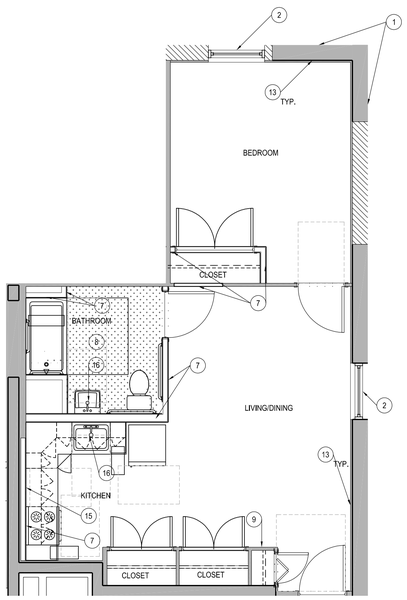
70 TYPICAL 1 BEDROOM - ENLARGED UNIT PLAN
SCALE: 1/4" = 1'-0"



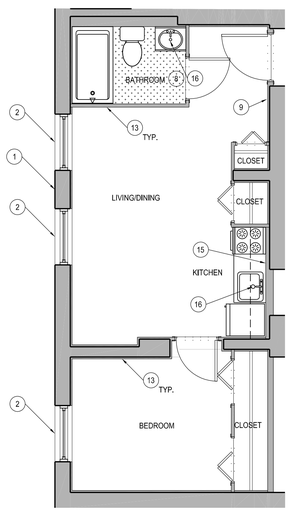
60 TYPICAL 1 BEDROOM - ENLARGED UNIT PLAN
SCALE: 1/4" = 1'-0"



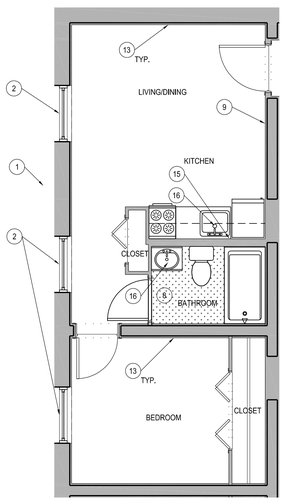
50 TYPICAL STUDIO - ENLARGED UNIT PLAN
SCALE: 1/4" = 1'-0"



40 TYPICAL 1 BEDROOM - ENLARGED UNIT PLAN
SCALE: 1/4" = 1'-0"

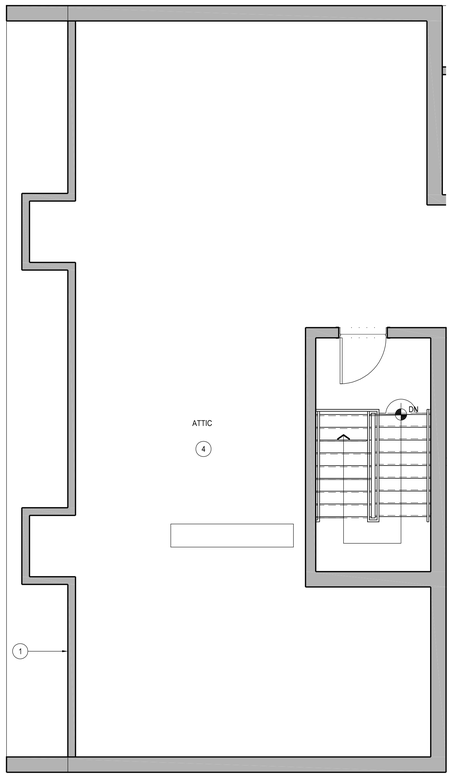


30 TYPICAL 1 BEDROOM - ENLARGED UNIT PLAN
SCALE: 1/4" = 1'-0"



20 TYPICAL 1 BEDROOM - ENLARGED UNIT PLAN
SCALE: 1/4" = 1'-0"

1 5 10 20



10 TYPICAL EXISTING ATTIC AIR SEALING PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES

A. THIS PROJECT IS SEEKING CERTIFICATION UNDER ENTERPRISE GREEN COMMUNITIES (CERTIFICATION), AS SUCH, IT MUST IMPLEMENT BOTH PRESCRIPTIVE AND PERFORMANCE BASED STRATEGIES TO REDUCE ENERGY AND WATER CONSUMPTION. AIR SEALING IS A KEY STRATEGY IN THAT PURSUIT.

B. ANY NEW MECHANICAL, ELECTRICAL, PLUMBING OR OTHER PENETRATION MADE IN AN INTERIOR FLOOR, WALL OR CEILING, THE ROOF, OR THROUGH THE BUILDING ENVELOPE, MUST BE AIR SEALED IN ACCORDANCE WITH BEST PRACTICES TO ELIMINATE UNWANTED AIR MOVEMENT.

C. ANY EXISTING MECHANICAL, ELECTRICAL, PLUMBING OR OTHER PENETRATION DEPICTED IN THESE PLANS SHALL BE INSPECTED AND AIR SEALED IN ACCORDANCE WITH BEST PRACTICES. ALL OPENINGS MUST BE PATCHED WITH LIKE MATERIAL, LEAVING AN OPENING OF NO MORE THAN 1/4" BEFORE SEALING.

D. CONTRACTOR MUST FURNISH ALL LABOR, MATERIALS, EQUIPMENT AND INCIDENTALS REQUIRED TO PROPERLY AIR SEAL. SEALANTS MUST BE INSTALLED SMOOTHLY AND EVENLY TO ACHIEVE PROPER SEAL.

E. AIR SEALING ACTIVITIES MUST BE HIGHLY COORDINATED WITH OTHER WORK TO AVOID AN AREA BEING MADE INACCESSIBLE PRIOR TO AIR SEALING BEING COMPLETED. ATTIC AIR SEALING SHOULD BE DONE AFTER ALL PENETRATIONS HAVE BEEN MADE AND HOLES PATCHED AND BEFORE INSULATION IS ADDED.

F. AT ALL LOCATIONS, REMOVE OR PULL BACK EXISTING INSULATION TO EXPOSE ALL OPENINGS REQUIRING SEALING. AFTER SEALING, RETURN INSULATION. ATTIC INSULATION SHOULD BE RETURNED TO AN EVEN APPLICATION ACROSS THE SPACE.

G. GENERAL CONTRACTOR TO VERIFY THAT ALL MECHANICAL, ELECTRICAL AND PLUMBING CONNECTIONS ARE PROPERLY MADE, AND SEALING IS COMPLETE PRIOR TO INSULATION BEING ADDED.

H. THE CONTRACTOR DOES NOT BEAR ANY COST OF QUALITY TESTING OTHER THAN THE TIME SPENT IN PARTICIPATION BY APPROPRIATE PERSONNEL.

I. THE FIRST 7 UNITS AIR SEALED MUST BE BLOWER DOOR TESTED AS A MEANS OF IDENTIFYING WHERE MATERIALS AND METHODS WERE AND WERE NOT EFFECTIVE. APPROPRIATE INSTALLATION PERSONNEL MUST PARTICIPATE IN THIS TEST TO OBSERVE RESULTS AND HELP DEVISE SOLUTIONS SHOULD ANY DEFICIENCIES BE IDENTIFIED.

J. THE BEST METHOD FOR SEALING VARIOUS WALL CONFIGURATIONS WILL BE FIELD DETERMINED.

KEY NOTES

1. EXTERIOR - GENERAL CONTRACTOR TO WALK AROUND EXTERIOR AND NOTE HOLES THROUGH CLADDING. GENERAL CONTRACTOR TO NOTIFY ARCHITECT OF TYPE AND QUANTITY OF HOLES AT EACH BUILDING.
2. WINDOWS AND DOORS - SEE DETAILS ON SHEETS A3.12, A3.31 & A3.32.
3. ATTIC HATCH - SEE DETAIL 30 ON SHEET A5.51.
4. IN ATTIC, AFTER ALL NEW PENETRATIONS HAVE BEEN MADE, REMOVE/MOVE INSULATION TO EXPOSE ALL PENETRATIONS. PATCH AS NECESSARY WITH LIKE MATERIALS AND SEAL.
5. APPLY CONTINUOUS BEAD OF SEALANT TO ALL SIDES OF WOOD BLOCKING PRIOR TO INSTALLING NEW BAFFLES. AIR SEAL BAFFLES PURSUANT TO DETAIL 33/A5.52.
6. NOT USED.
7. EXPOSE AND SEAL ALL TOP PLATES OF NEW WALLS WITH A CONTINUOUS BEAD OF SEALANT, THEN COVER THE ENTIRE WIDTH OF THE TOP PLATE WITH SPRAY FOAM, ADHERING THE FOAM TO THE GYPSUM BOARD ON BOTH SIDES.
8. IF THE BATHROOM FAN HAS AN INTEGRAL INSULATED ENCLOSURE, APPLY A CONTINUOUS BEAD OF SEALANT TO THE GYPSUM BOARD/ENCLOSURE JOINT. IF THE FAN DOES NOT HAVE AN INSULATED ENCLOSURE, BUILD ONE USING RIGID FOAM BOARD, NOTCHED AROUND THE EXHAUST PIPE. TAPING ALL SEAMS. APPLY A CONTINUOUS BEAD OF SEALANT TO THE GYPSUM BOARD/ENCLOSURE JOINT AND THE EXHAUST PIPE/FOAM BOARD JOINT.
9. APPLY A CONTINUOUS BEAD OF FIRE RETARDANT SEALANT TO ANY GYPSUM BOARD/ELECTRICAL BOX JOINT. SEAL ALL WIRE ENTRY POINTS OR OPEN HOLES IN THE BOX. REFER TO DETAIL 10/A3.01
10. APPLY FIRE-BLOCK RATED SPRAY FOAM AROUND PLUMBING STACK PENETRATION. APPLY A CONTINUOUS BEAD OF SEALANT AROUND ALL EDGES OF THE TOP PLATE.
11. ONCE ALL SEALING IS COMPLETE, INSTALL NEW, BLOW IN LOOSE CELLULOSE INSULATION AS SPECIFIED.
12. MIXING VALVE ACCESS PANEL - IF THE NEW ACCESS PANEL DOES NOT HAVE AN INTEGRAL SEAL, THE PANEL SHOULD RECEIVE CONTINUOUS WEATHERSTRIPPING, OR BE CAULKED AT THE GYPSUM BOARD/PANEL JOINT.
13. FLOOR PERIMETER - THE INTERSECTION OF THE BASEBOARD AND FLOORING SHOULD BE SEALED REGARDLESS IF FLOOR IS BEING REPLACED OR NOT. WHERE FLOOR IS BEING REPLACED, IT SHOULD BE SEALED AFTER THE BASEBOARD HAS BEEN REMOVED, AND BEFORE THE NEW FLOORING HAS BEEN LAID. FLOOR TO BASE PERIMETER ARE TO BE CAULKED PER GZA REQUIREMENTS.
14. MECHANICAL CLOSET - PENETRATIONS FOR EXHAUST OR SUPPLY DUCTWORK AND ELECTRICAL WIRES MUST BE SEALED AT THE POINT OF PENETRATING THE SHEETROCK. USE FIRE RATED SEALANT FOR METAL DUCTWORK. PENETRATIONS THROUGH THE CLOSET FLOOR SHOULD BE SEALED WITH ONE-COMPONENT FOAM. LARGE HOLES IN THE SHEETROCK OR FLOORING WILL NEED TO BE PATCHED PRIOR TO SEALING.
15. INTERIOR KITCHEN VENT - WHERE NEW PENETRATIONS ARE MADE FOR KITCHEN VENTILATION, SOLID DRAFT-STOPPING MATERIAL, LIKE PLYWOOD OR SHEETROCK, SHOULD BE USED AT THE PLANE WHERE THE INTERIOR OF THE EXTERIOR WALL IS PENETRATED, THEN AIR SEALED WITH CAULK. THE PERIMETER OF THE DUCT SHOULD BE AIR SEALED WITH CAULK WHERE IT PENETRATES THE DRAFT-STOPPING MATERIAL AND WHERE IT PENETRATES THE EXTERIOR OF THE EXTERIOR WALL.
16. PLUMBING PENETRATIONS - UNDER SINK KITCHEN AND BATH PENETRATIONS MUST BE FOAM SEALED WHERE THEY ENTER THE PLUMBING CHASE IN THE WALL. IF THE GAPS ARE LARGE, FIRST USE DRAFT STOPPING MATERIAL, LIKE PLYWOOD OR SHEETROCK, TO REDUCE THE SIZE OF THE AREA, THEN SEAL WITH ONE-COMPONENT FOAM.
17. EXISTING DRAFTSTOPPING - SEAL AT PERIMETER OF EXISTING DRAFTSTOPPING WHERE NOT ALREADY SEALED . PATCH EXISTING JOINTS IN GWB WHERE NOT ALREADY PATCHED. FILL ANY HOLES OR GAPS WITH GWB/JOINT COMPOUND TO PROVIDE CONTINUOUS SEALED COMPARTMENT IN ATTIC.

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