

ROOF, WINDOW, PORCHES REPLACEMENT AND

UNIVERSITY OF RHODE ISLAND

DRAWING LIST

GENERAL

COVER SHEET

G0.0 A0.10 GENERAL INFORMATION DEMOLITION D1.02 **BUILDING 2 DEMOLITION PLANS AND ELEVATIONS** D1.04 BUILDING 4 DEMOLITION PLANS AND ELEVATIONS D1.06 BUILDING 6 DEMOLITION PLANS AND ELEVATIONS D1.07 BUILDING 7 DEMOLITION PLANS AND ELEVATIONS D1.08 **BUILDING 8 DEMOLITION PLANS AND ELEVATIONS** ARCHITECTURAL **BUILDING 2 PLANS AND ELEVATIONS BUILDING 4 PLANS AND ELEVATIONS** BUILDING 6 PLANS AND ELEVATIONS A1.07 **BUILDING 7 PLANS, ELEVATIONS & DETAILS BUILDING 8 PLANS AND ELEVATIONS** A1.08 A5.01 SECTIONS AND DETAILS A5.02 ROOF DETAILS



DRAWING LIST

AND EXTERIOR REPAIR CHES REPLACEMENT POR WINDOW ROOF NAME: PROJECT 48-IN

URI-**PROJECT NUMBER:**

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Applicable Codes and Standards

Reference:

SBC-1 International Building Code/2018 (ICC) SBC-3 International Plumbing Code/2018 (ICC) SBC-4 International Mechanical Code/2018 (ICC) SBC-5 National Electrical Code/2020, NFPA 70/2018 (NEC) SBC-8 International Energy Conservation Code/2018 (ICC)

with the following codes and standards.

* Rhode Island Fire Safety Code (RIFSC), which includes:

* The applicable sections of the Standard for the Installation of Sprinkler Systems (NFPA 13 – 2013)

* The applicable sections of the National Fire Alarm and Signaling Code (NFPA 72 – 2013). Scope of Work

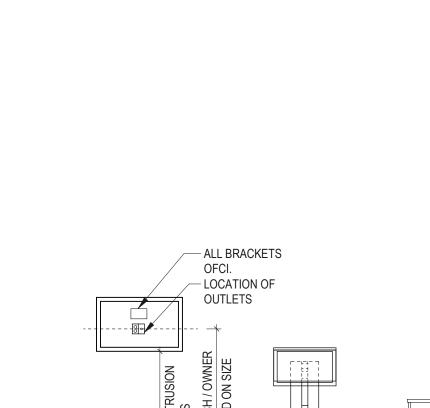
painting.

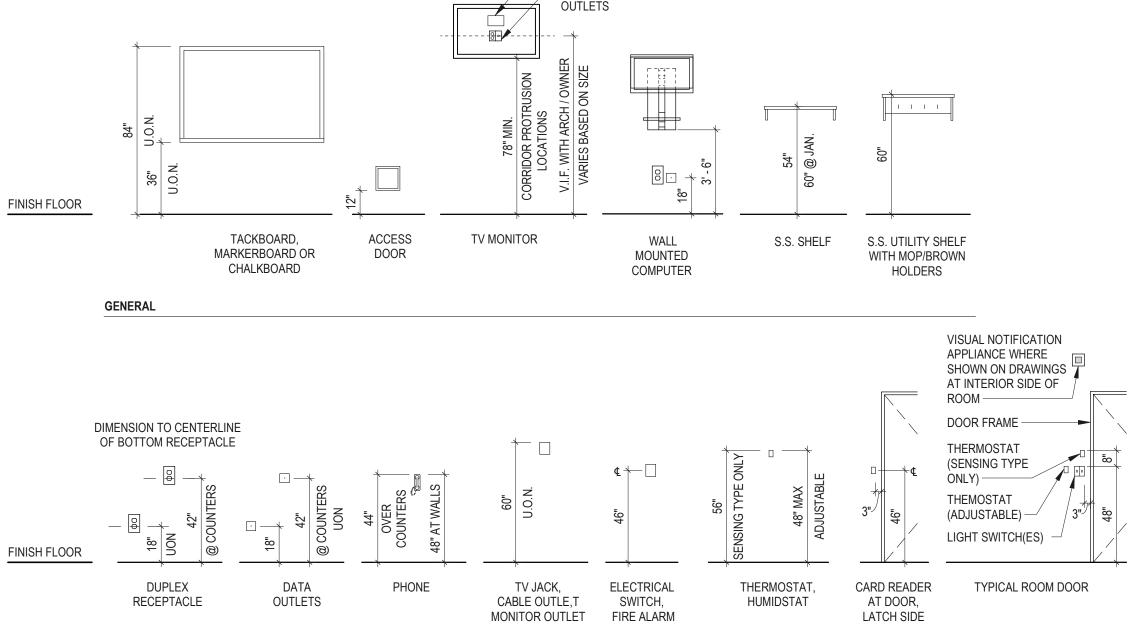
<u>Background Information(for buildings 2, 4, 6 and 8)</u> The University Gateway Apartments complex consists of four (4), two (2)-story buildings designated as Building buildings are defined by the RILSC as existing apartment occupancies.

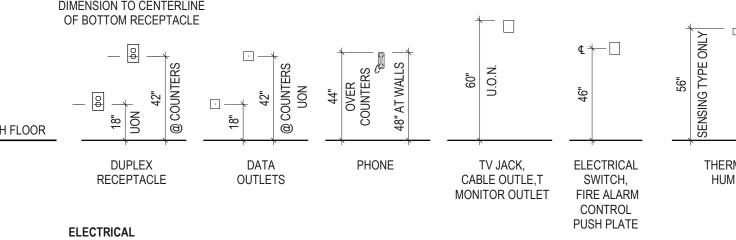
finished floor of the second floor stair enclosure, as shown in Figure 5. the Kingston Fire Department, which were installed in 2009.

variances were granted to the 2003 edition of the RILSC. Decision #110152 on November 29, 2011 building, all closets are provided with sprinkler protection. 2021

system.



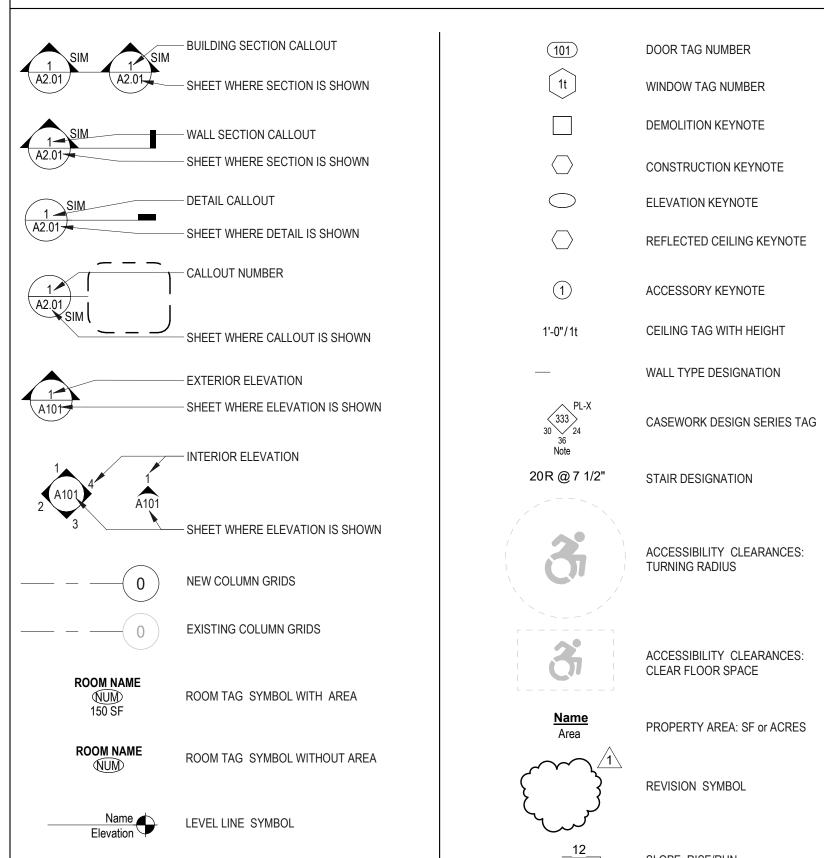




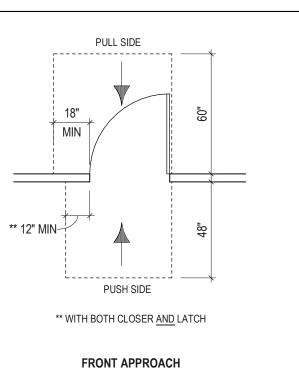
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GRAPHIC SYMBOLS



MANEUVERING CLEARANCES FOR ALL ACCESSIBLE DOORS



(404.2.3.2)

PULL SIDE

LATCH SIDE APPROACH

(404.2.3.2)

MIN 48

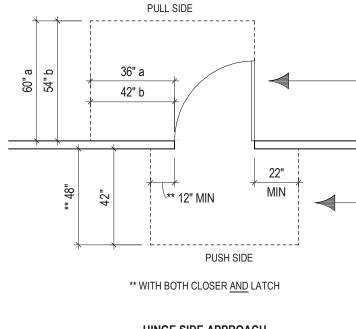
42" MIN

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3

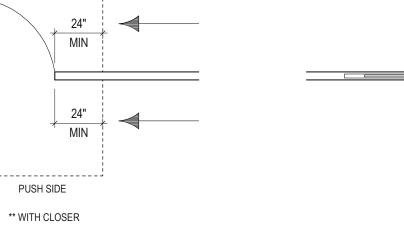
22" MIN

_____10'-0" AFF SPOT ELEVATION SYMBOL

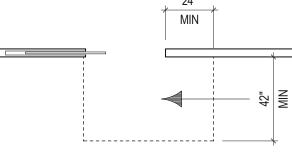


SLOPE: RISE/RUN

HINGE SIDE APPROACH (404.2.3.2)



2



LATCH APPROACH (404.2.3.3)

4" MAX PROJECTION AT A HEIGHT BETWEEN 34" AND 80" ABOVE THE FLOOR - 32" BETWEEN FACE OF DOOR DOOR OPENING AND THE STOP (80" HIGH) CLEAR WIDTH NOTE :

ALL ACCESSIBLE DOOR OPENINGS TO BE ABLE TO PASS A 32"Ø x80"H CYLINDER.

DOOR OPENING CLEARANCE (1008.1.1)

1

SRC-1 Rhode Island State Rehabilitation Building and Fire Code for Existing Buildings and Structures, and by

The evaluation for variance application prepared by Jensen Hughes, Associates was conducted in accordance

* The applicable sections of the Rhode Island Fire Code (RIFC) (NFPA 1 – 2015);

* The applicable sections of the Rhode Island Life Safety Code (RILSC) (NFPA 101 – 2015);

It includes the following renovations to the exterior and interior locations: roof replacement, roof fascia replacement and eave vent installation, repairs and insulation installation in attic floor, attic stairs replacement, masonry re-pointing and repairs, window replacement, entry porch replacement including removal of spiral stair fire escape (see latest variance approval below), front doors repairs and painting, front stoop handrail repair and

2, Building 4, Building 6, and Building 8, as shown in Figure 1. Buildings 2 and 8 contain four (4) dwelling units each with two (2) dwelling units on each floor; and Buildings 4 and 6 contain eight (8) dwelling units each. Buildings 4 and 6 are each configured as two (2), four (4) unit buildings arranged back-to-back with an eight (8)-inch brick wall serving as a fire barrier. The fire barrier extends through the attic to the underside of the roof deck. The dwelling units are each provided with independent cooking and bathroom facilities. As such, the

The buildings are provided with interior exit stairs serving as the primary means of egress for the dwelling units. An interior stair is provided for each four (4) dwelling units, with Buildings 2 and 8 having one (1) stair and Buildings 4 and 6 having two (2) stairs. Each dwelling unit on the second floor is provided with access to one (1) stair because there is not a connection between the two (2) stairs in Buildings 4 and 6. The dwelling unit doors open directly to the stair enclosure without use of exit access corridors. Each stair provides the means of egress for a total of four (4) dwelling units, two (2) on the first floor and two (2) on the second floor. Each stair is provided with two (2) exit doors discharging to the exterior at grade, located on opposite sides of the building. The buildings are equipped with existing exterior spiral stairs, which provide a secondary means of egress from the second floor of each building. Buildings 4 and 6 are provided with two (2) spiral stairs each. The spiral stairs are accessed through a double hung windows, with heights varying from seven (7) to 24 inches above the The buildings were provided with automatic sprinkler systems, installed in accordance with NFPA 13, in 2013. The buildings are also protected by fire alarm systems providing emergency force notification directly to

The buildings were granted the following variances by the Fire Safety Code Board of Appeal and Review The

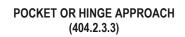
• The first variance granted was for RILSC § 7.1.3.2.1(1) related to the rating of the dwelling unit doors

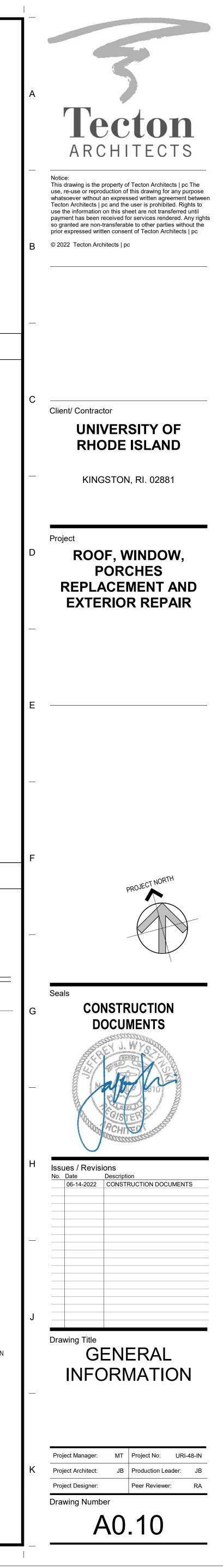
opening onto the exit enclosure. The variance was granted based on the fact that the doors were solid wood construction having a minimum fire resistance rating of 20 minutes and the fact that a fire alarm system had recently been installed. The variance did not take into account the automatic sprinkler system that would subsequently be installed in 2013. • The second variance granted was for RILSC § 7.1.3.2.1(5) related to existing normally unoccupied

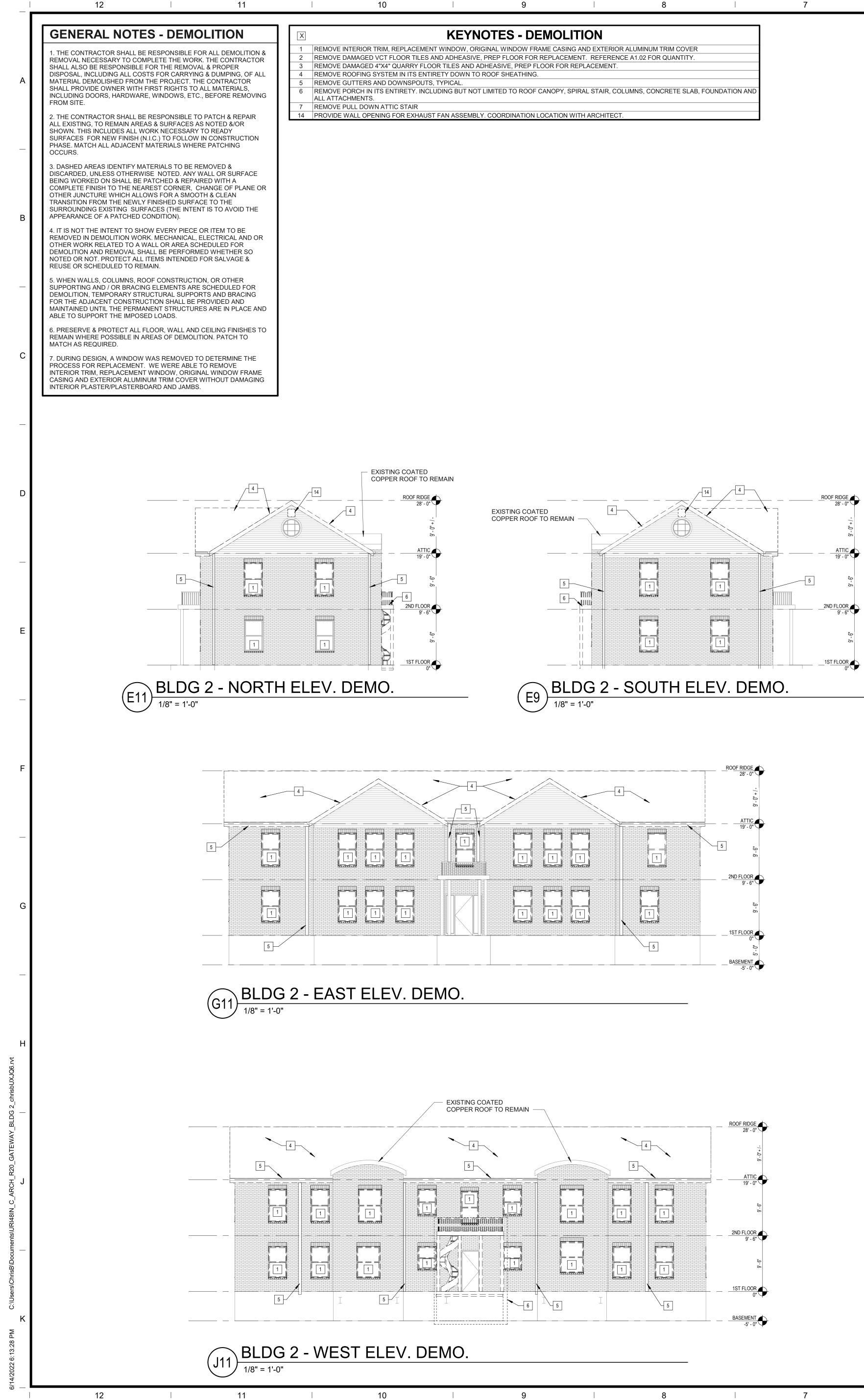
rooms opening directly into the stair enclosures. A condition of the variance granted was that the rooms could not be utilized for storage. Since an NFPA 13 sprinkler system has been installed in the • Decisions #2020070 (Bldg. 2), #2020071 (Bldg. 4), #2020072 (Bldg. 6), #2020073 (Bldg. 8), on January 5,

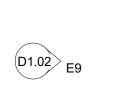
• The third variance was granted for the provisions of RILSC §31.2.4.6(4), to allow the University to demolish the fire escape spiral stairs and have one means of egress for the two apartments on the second floor of each building. This provision requires all openings between the exit stairway enclosure and the building be protected with self-closing doors having a minimum one (1)-hour fire protection rating. As condition of the requested variance, the University of Rhode Island agrees to provide and maintain the following: (1) The dwelling unit doors will be treated with FlameOFF® Fire Barrier Paint, which is an intumescent paint. The paint will be applied to provide the minimum dry film thickness (30 Mils) to provide a one (1)-hour fire protection rating in accordance with the manufacturer's

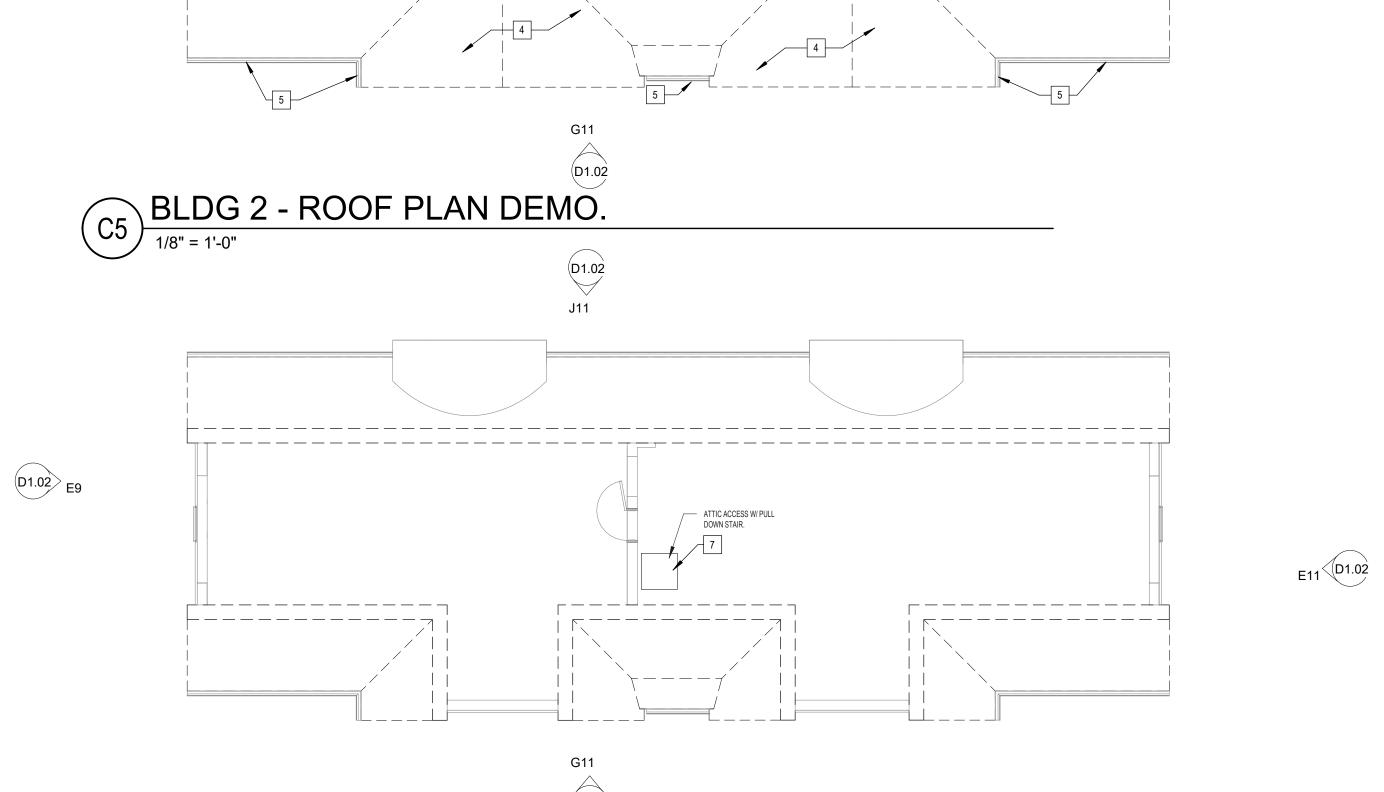
instructions; (2) Each sleeping room and living area in every dwelling unit is provided with a window meeting the minimum dimensions required for windows for rescue serving as a secondary means of escape, even though not required in a building protected throughout by an automatic sprinkler

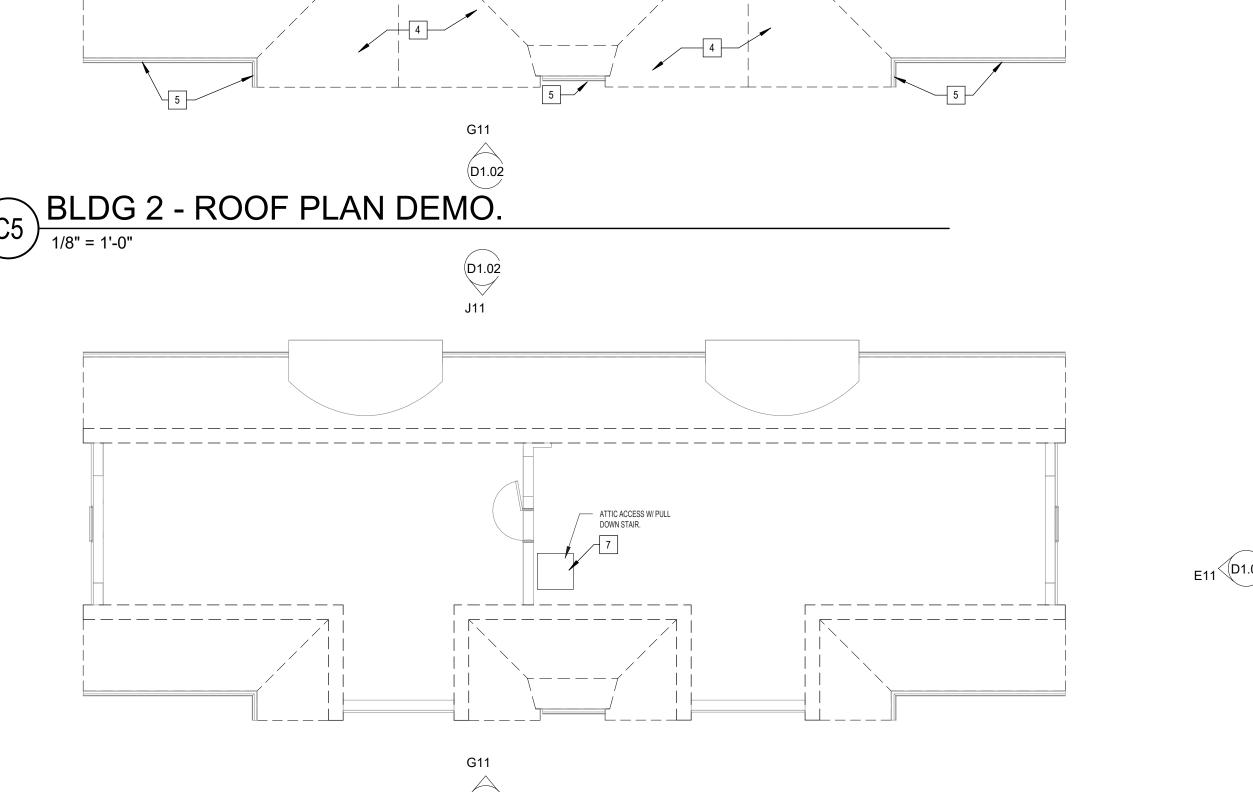


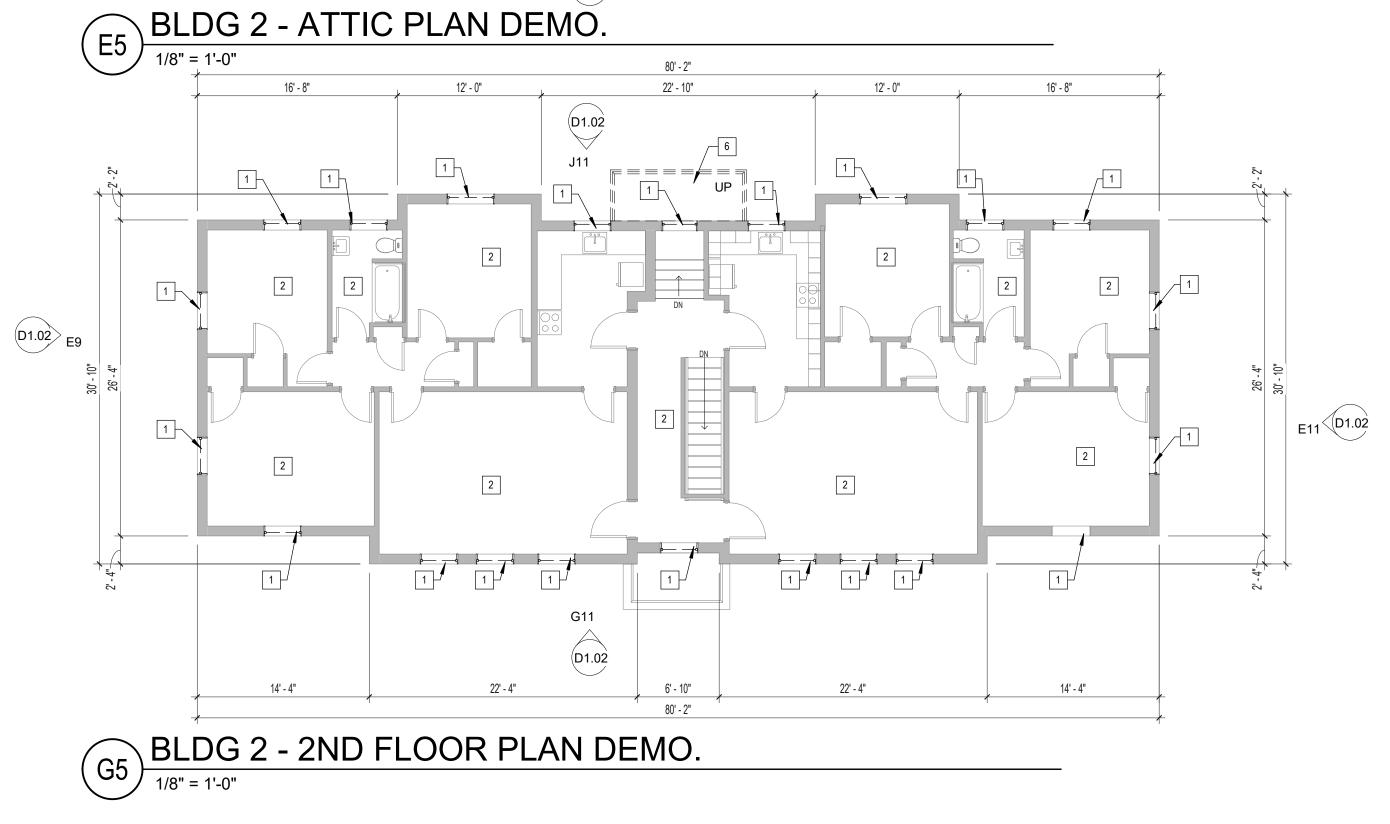


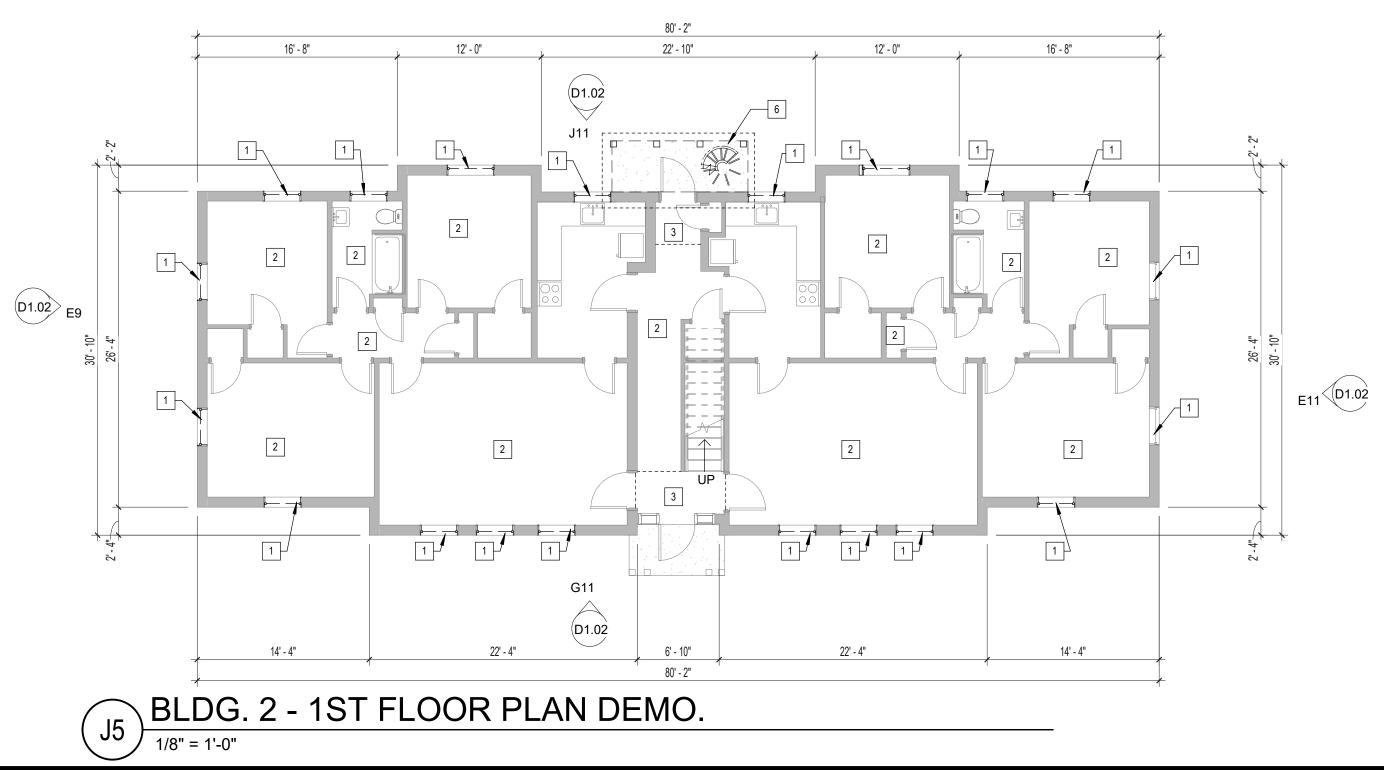




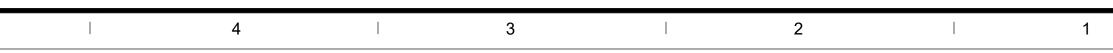


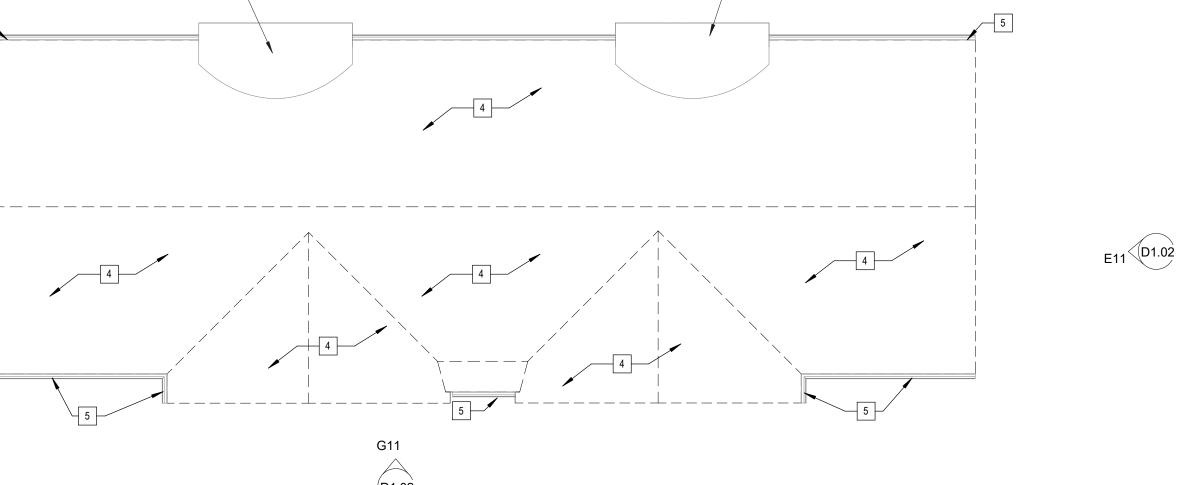






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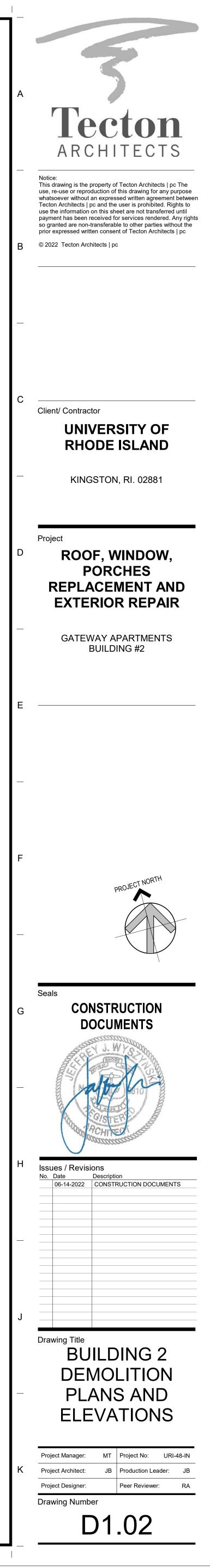
EXISTING LEAD COATED

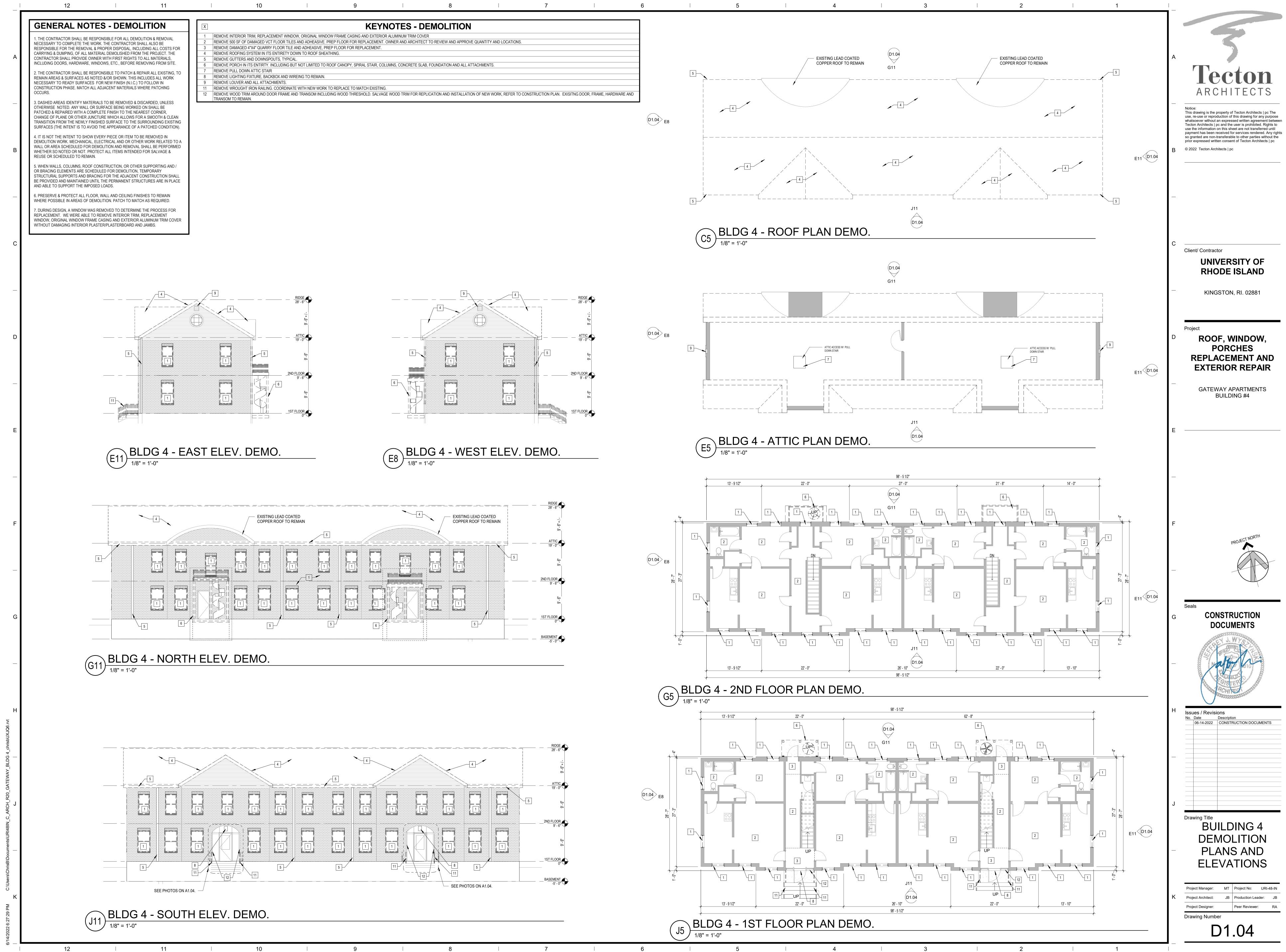
COPPER ROOF TO REMAIN

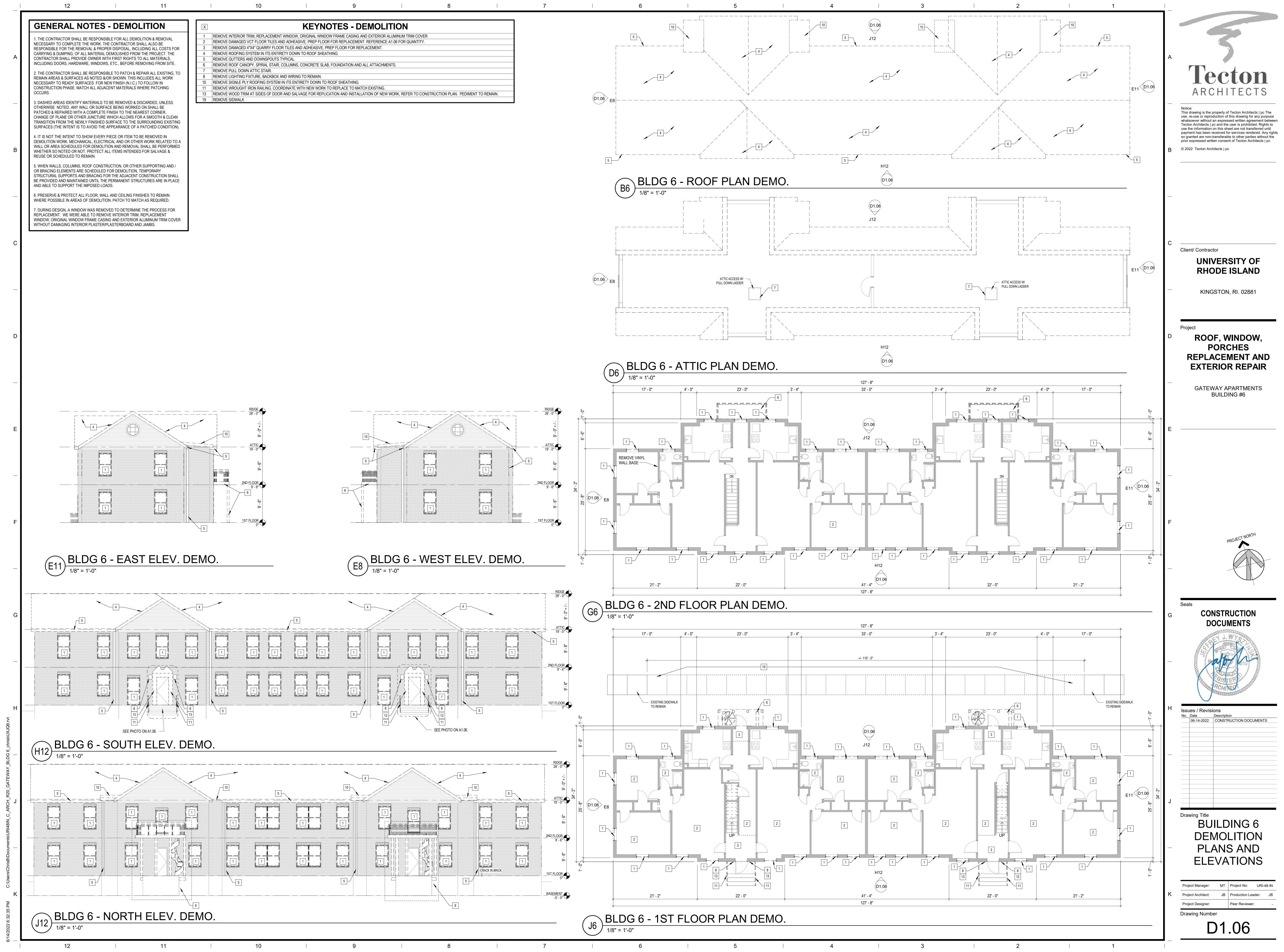
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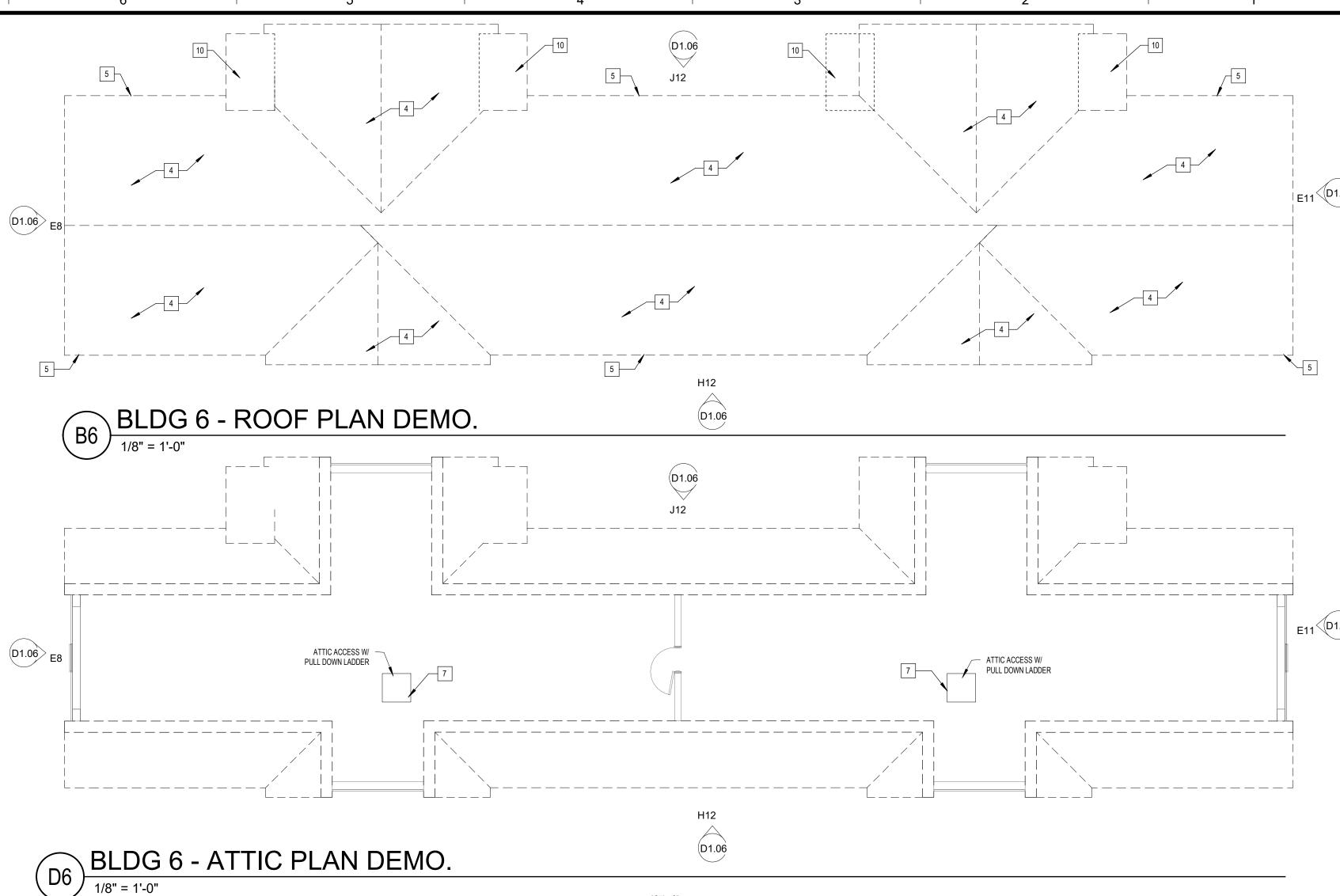
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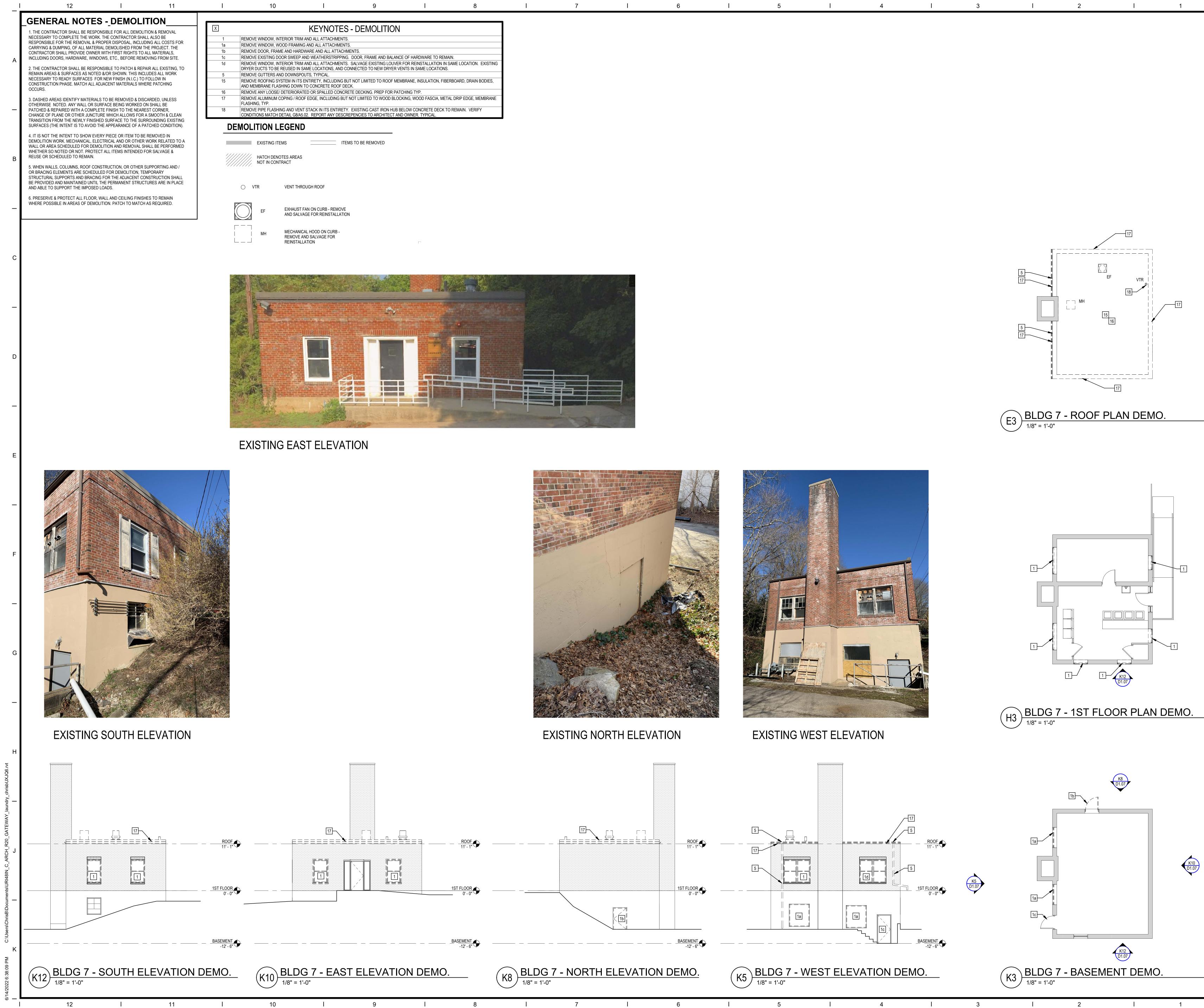
COPPER ROOF TO REMAIN





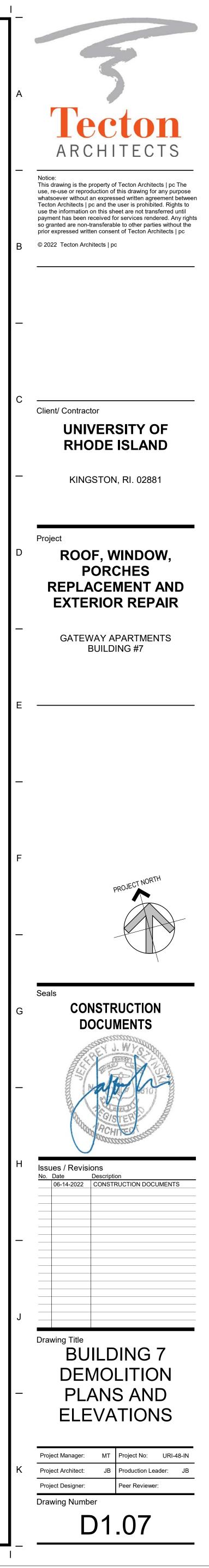


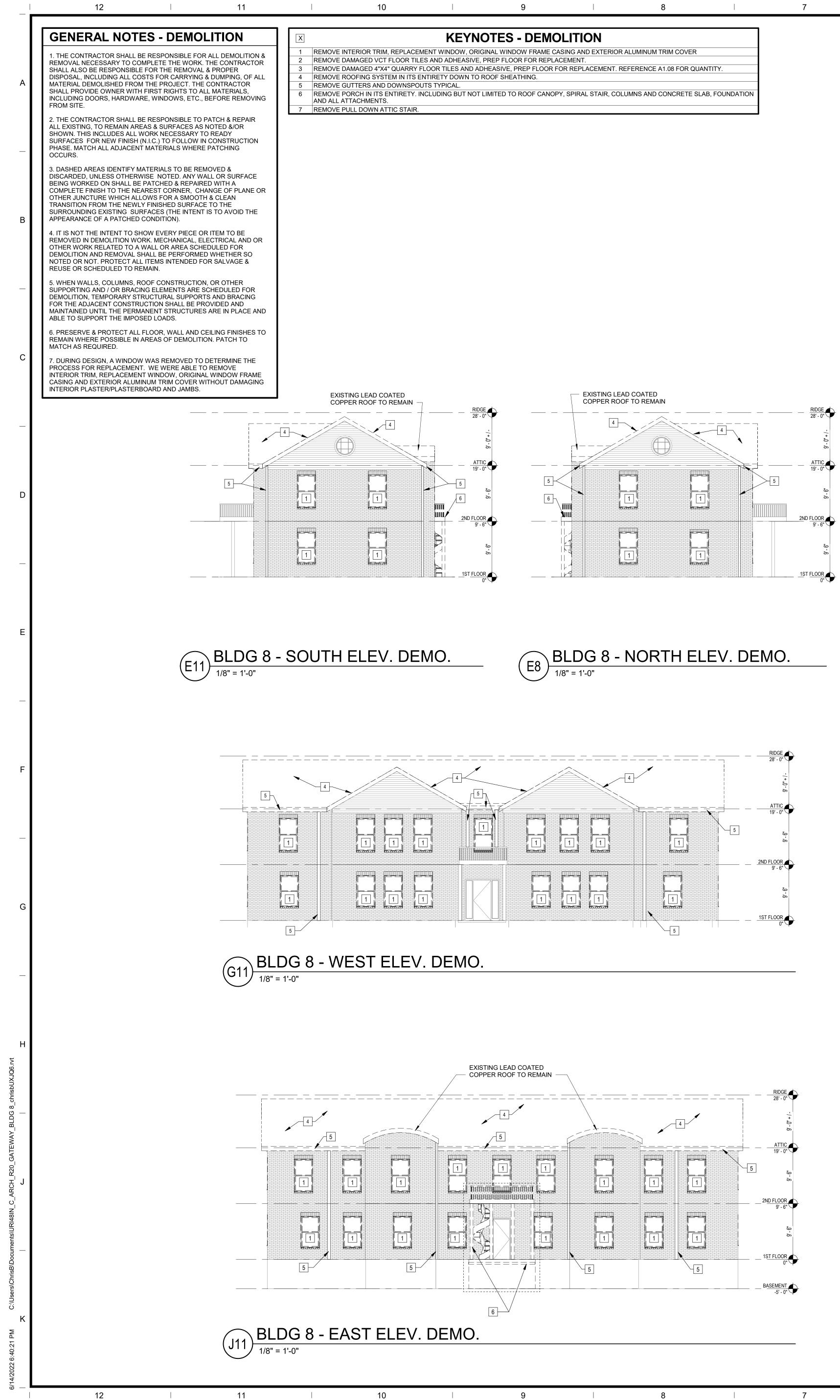


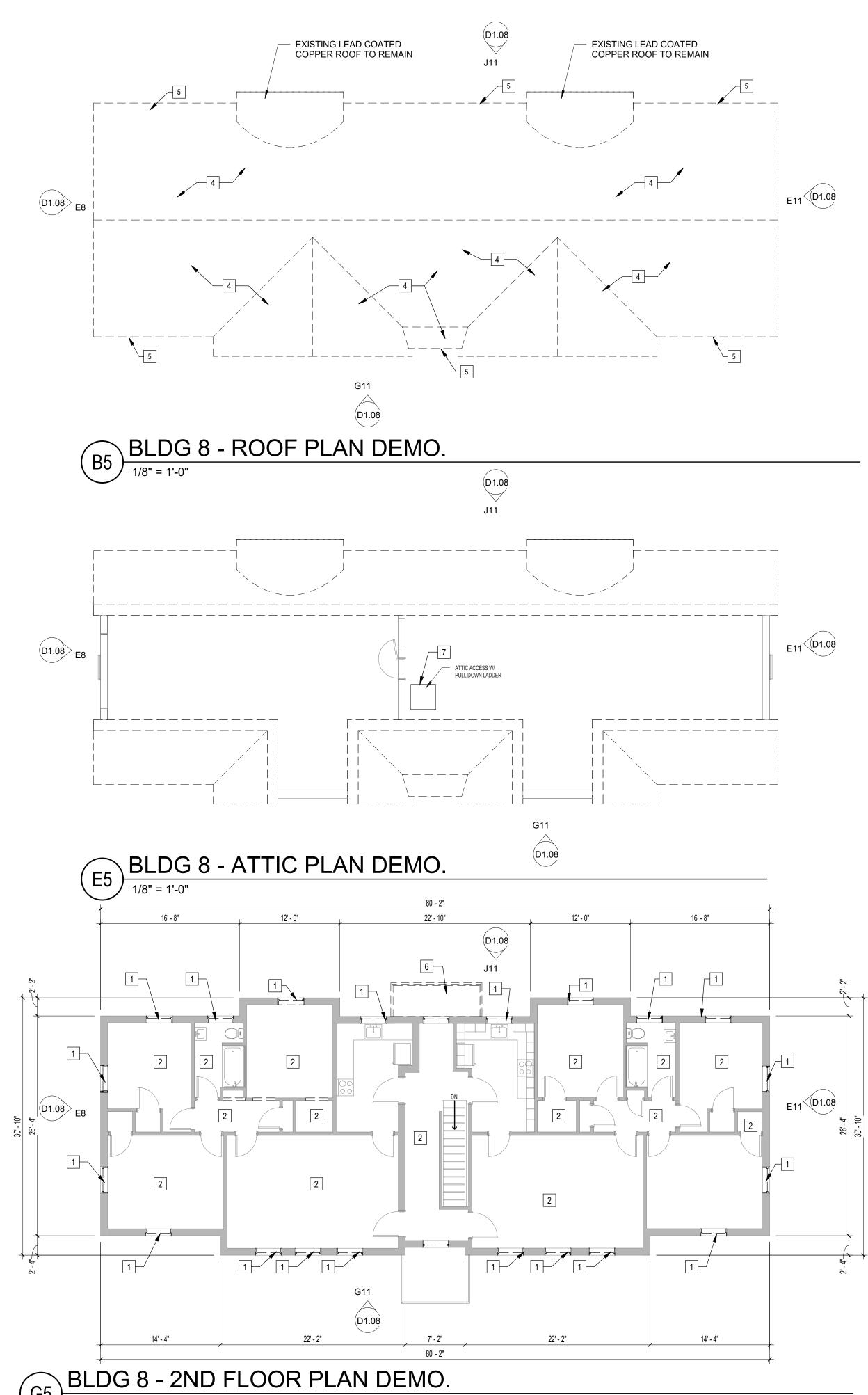


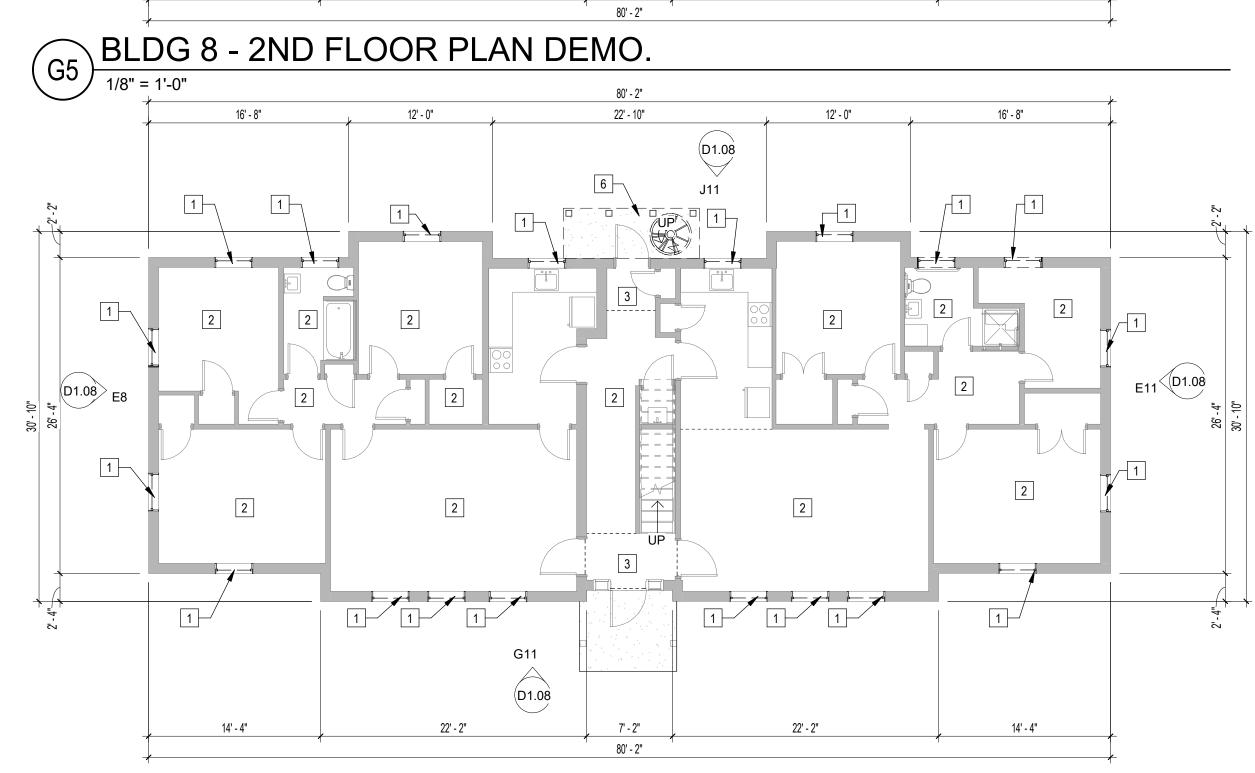
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| | ELOW CONCRETE D D OWNER. TYPICAL. | DECK TO REMAIN. VERIFY |

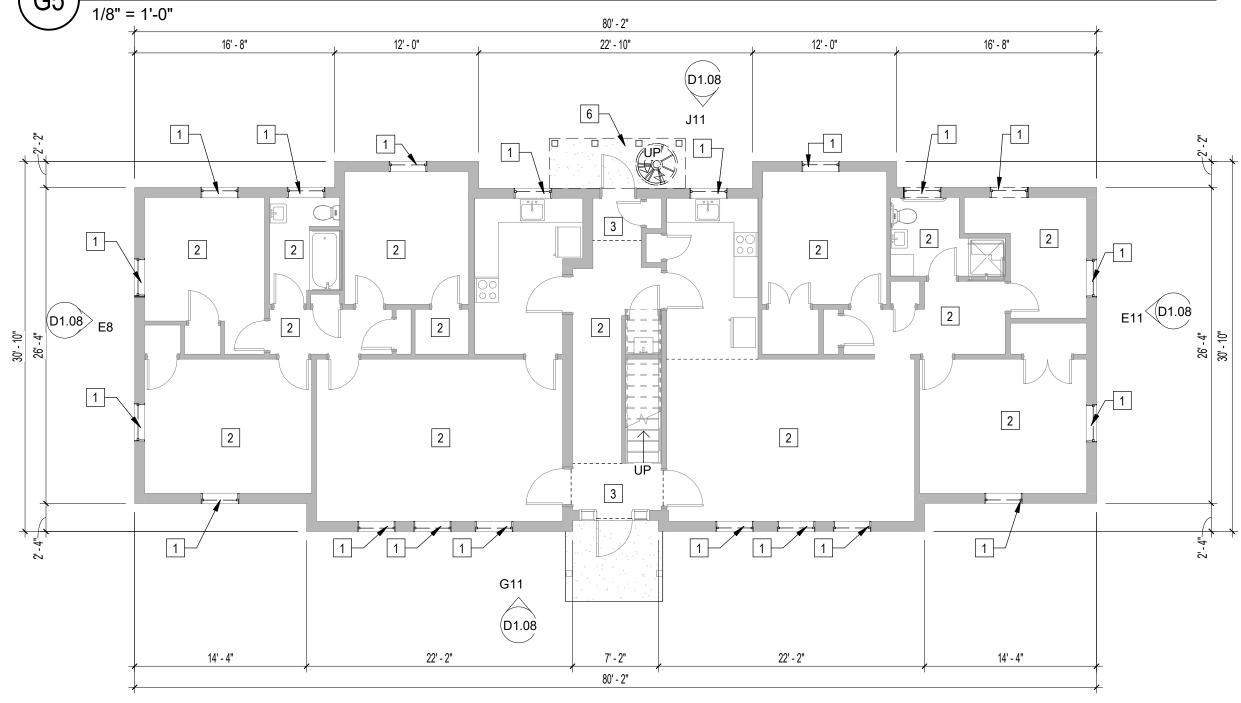






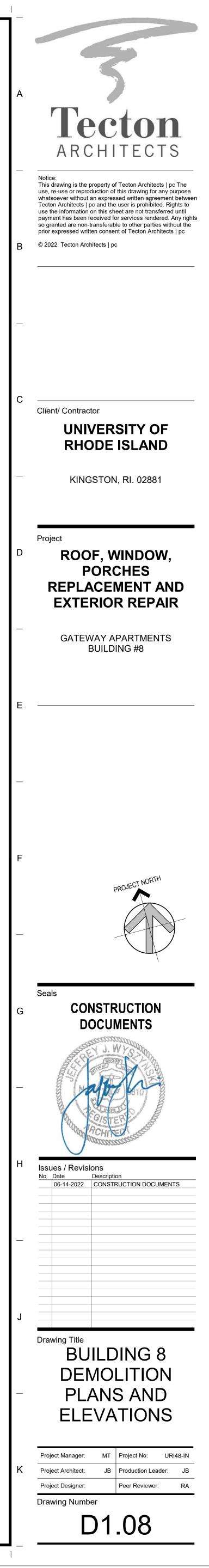


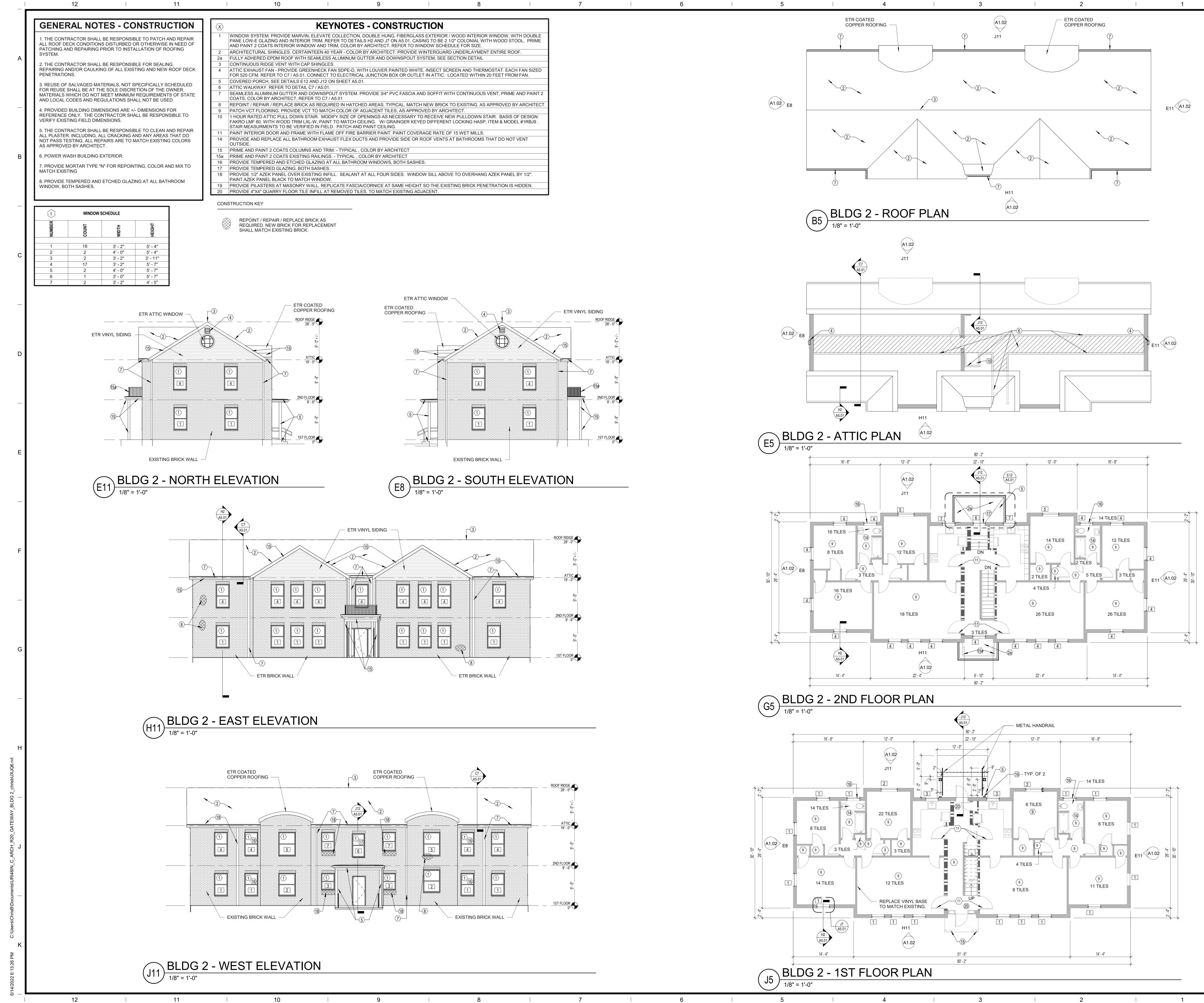


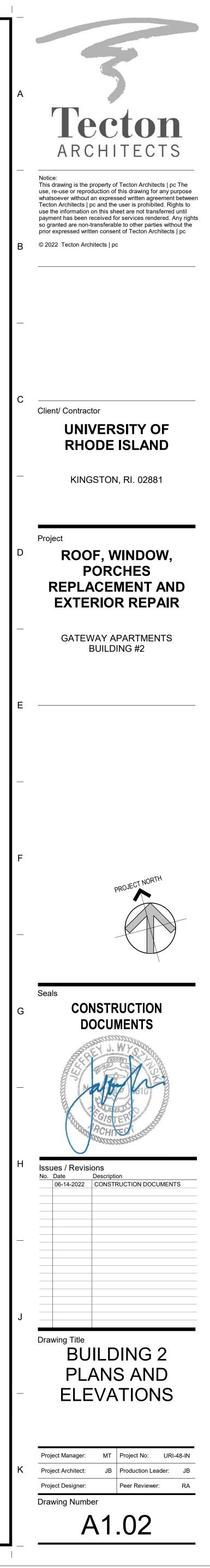


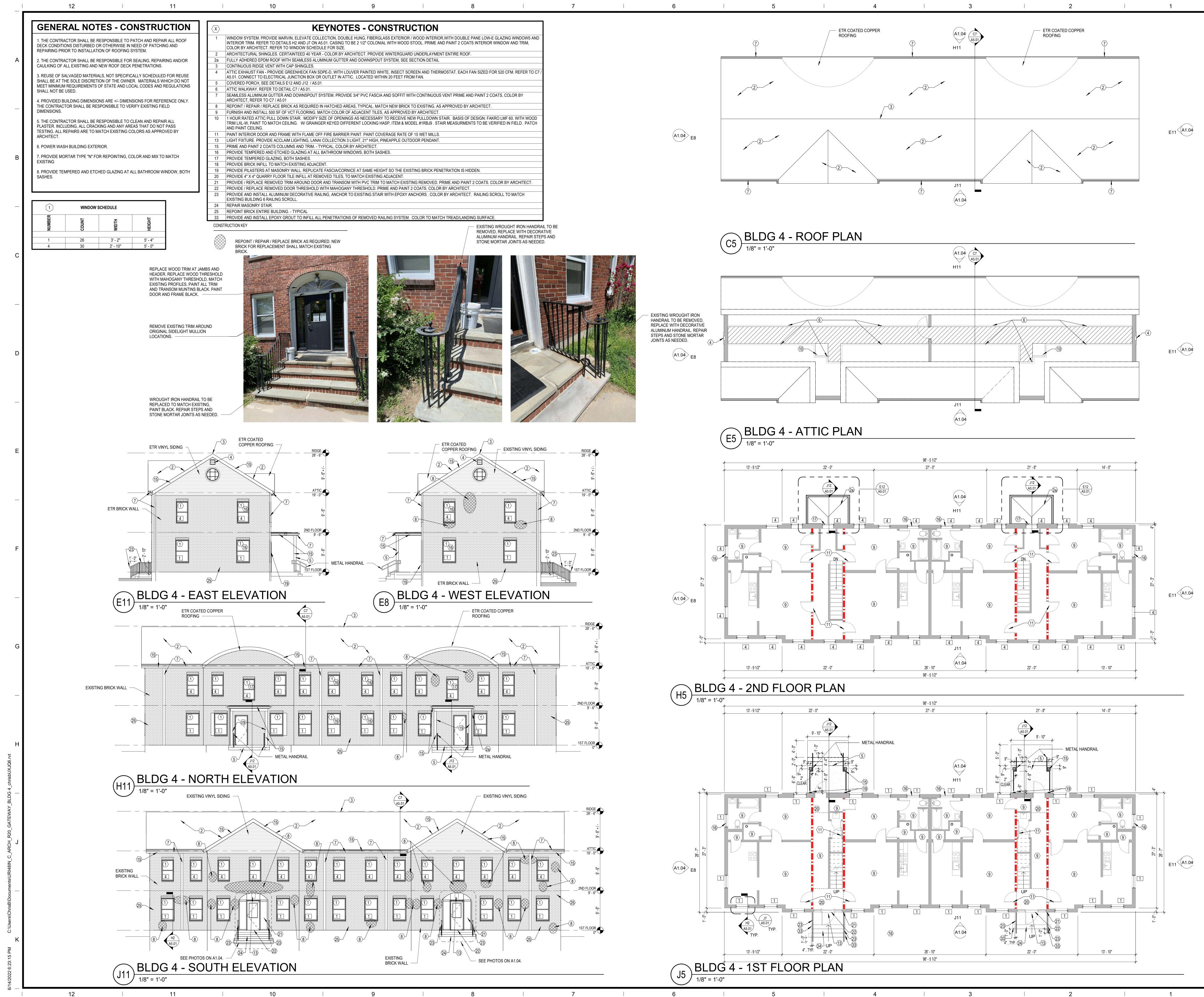


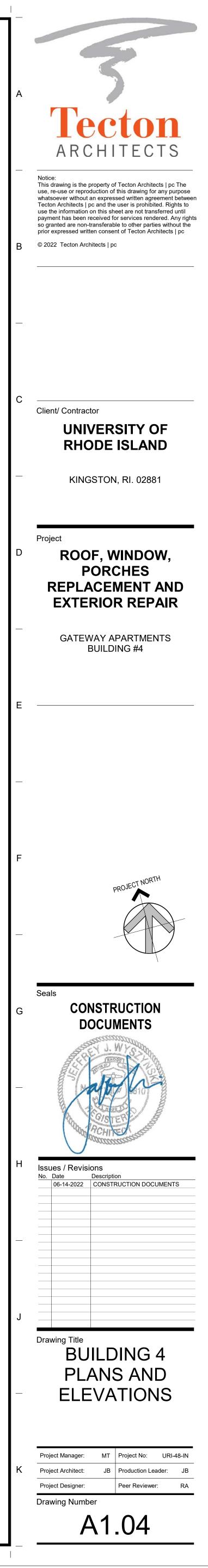
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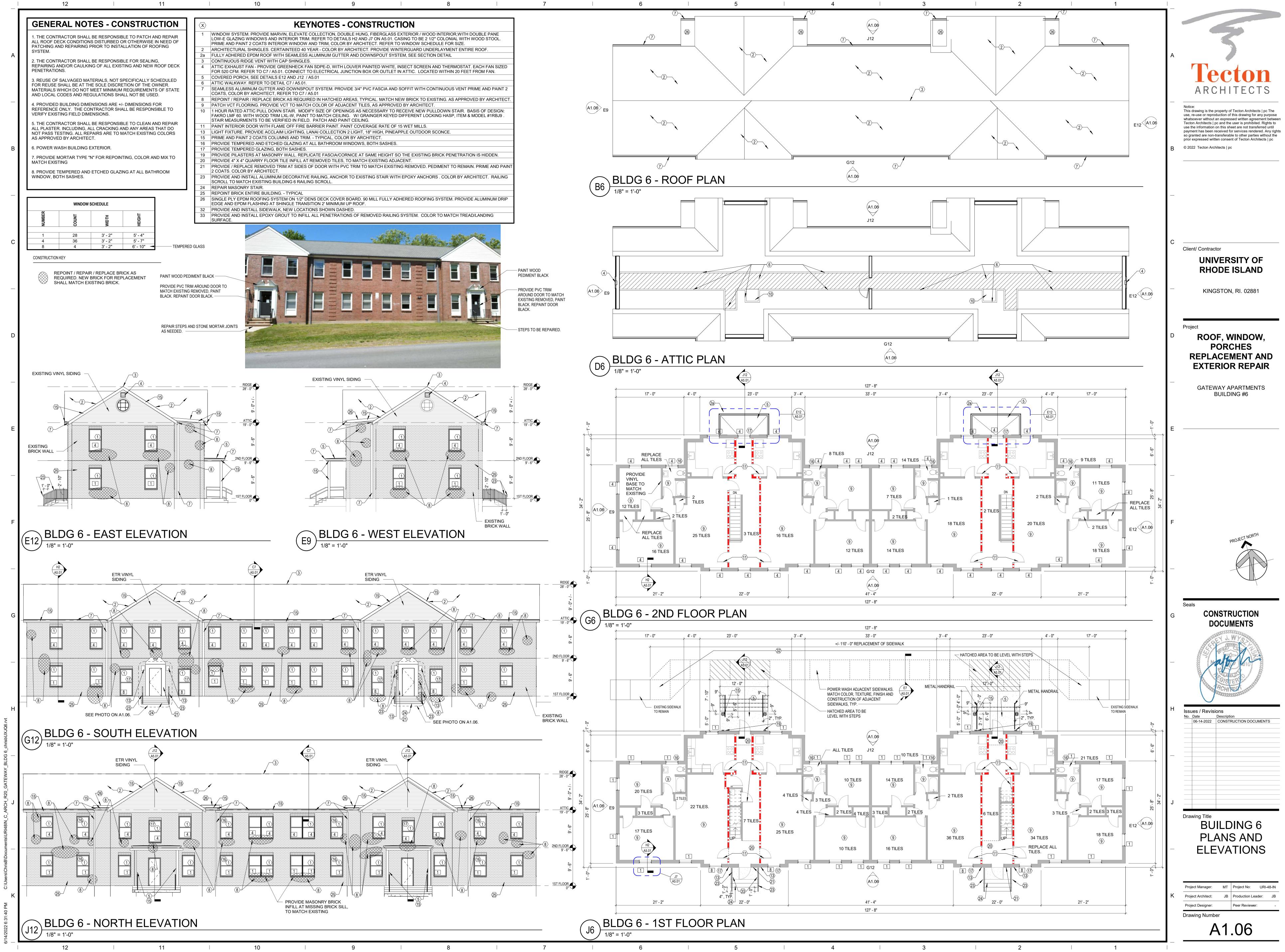


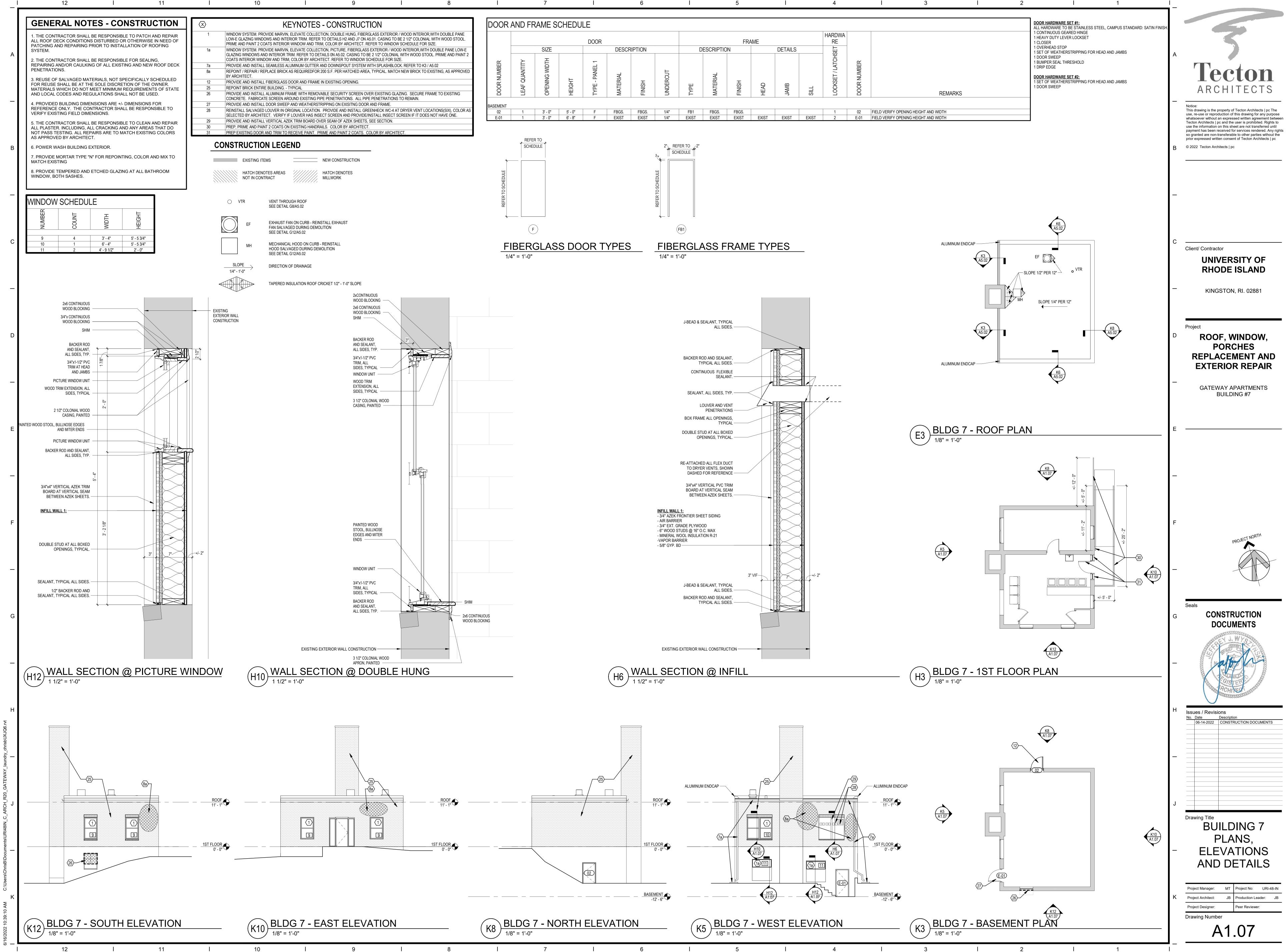


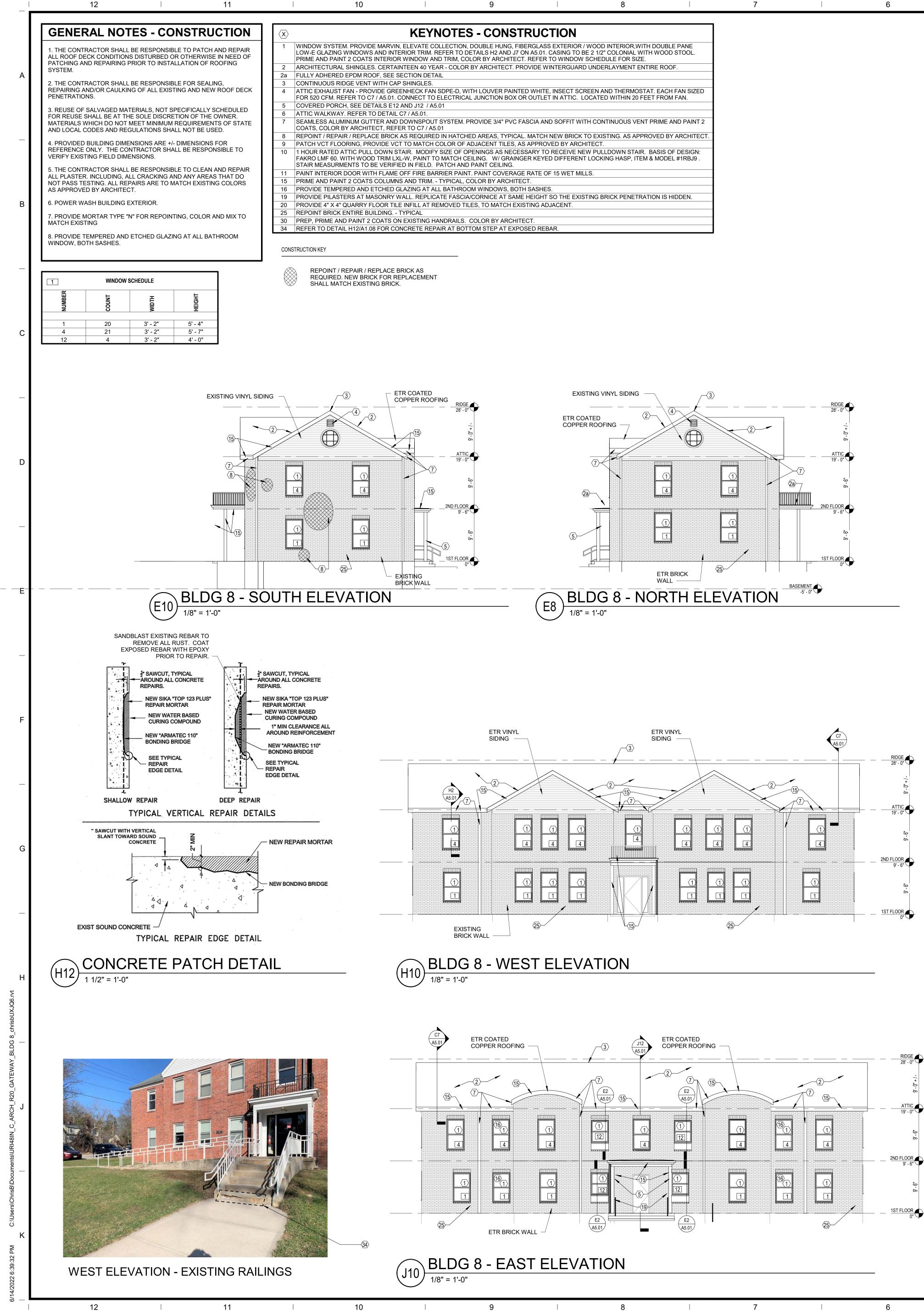




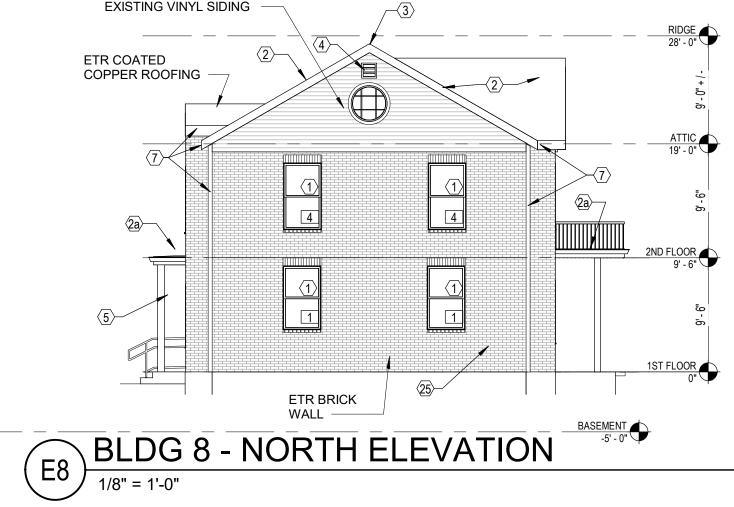




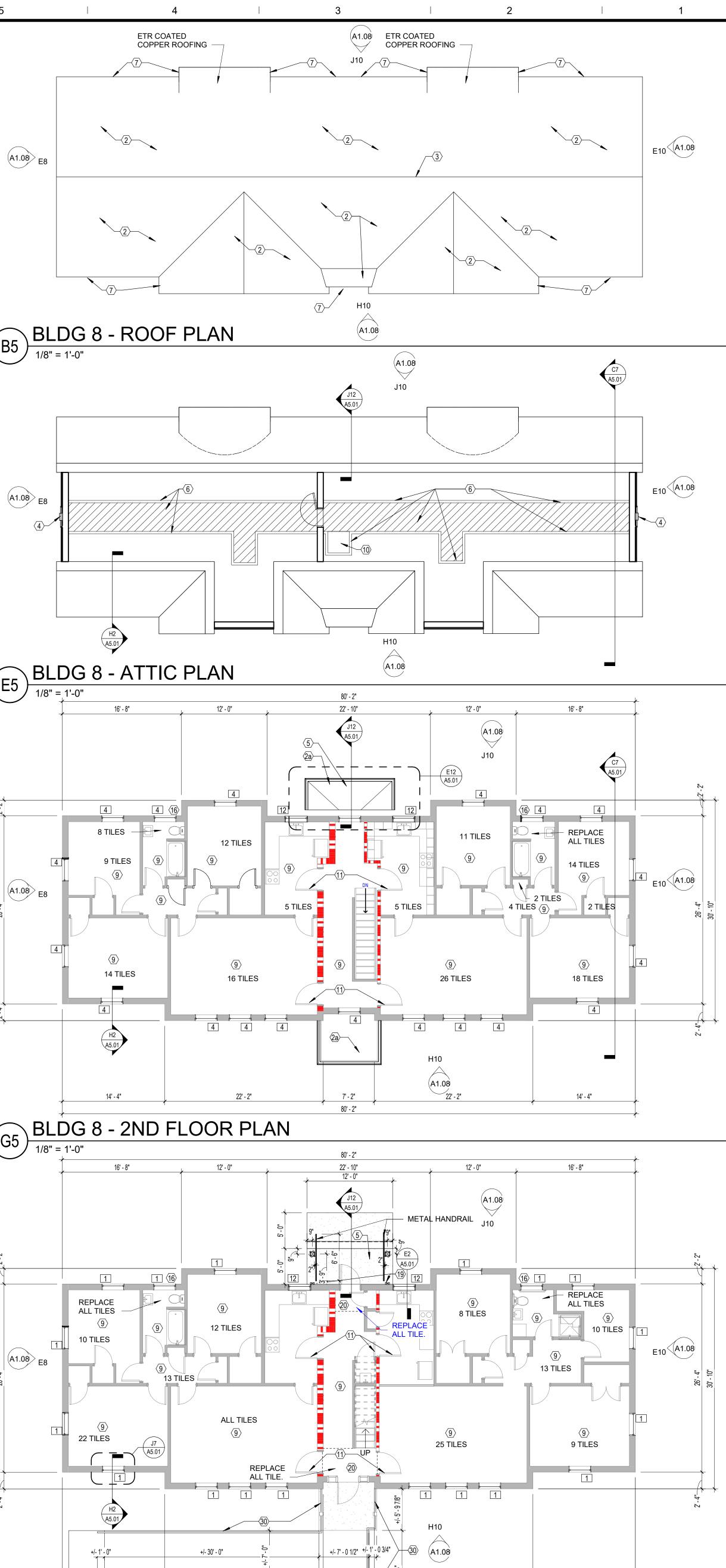




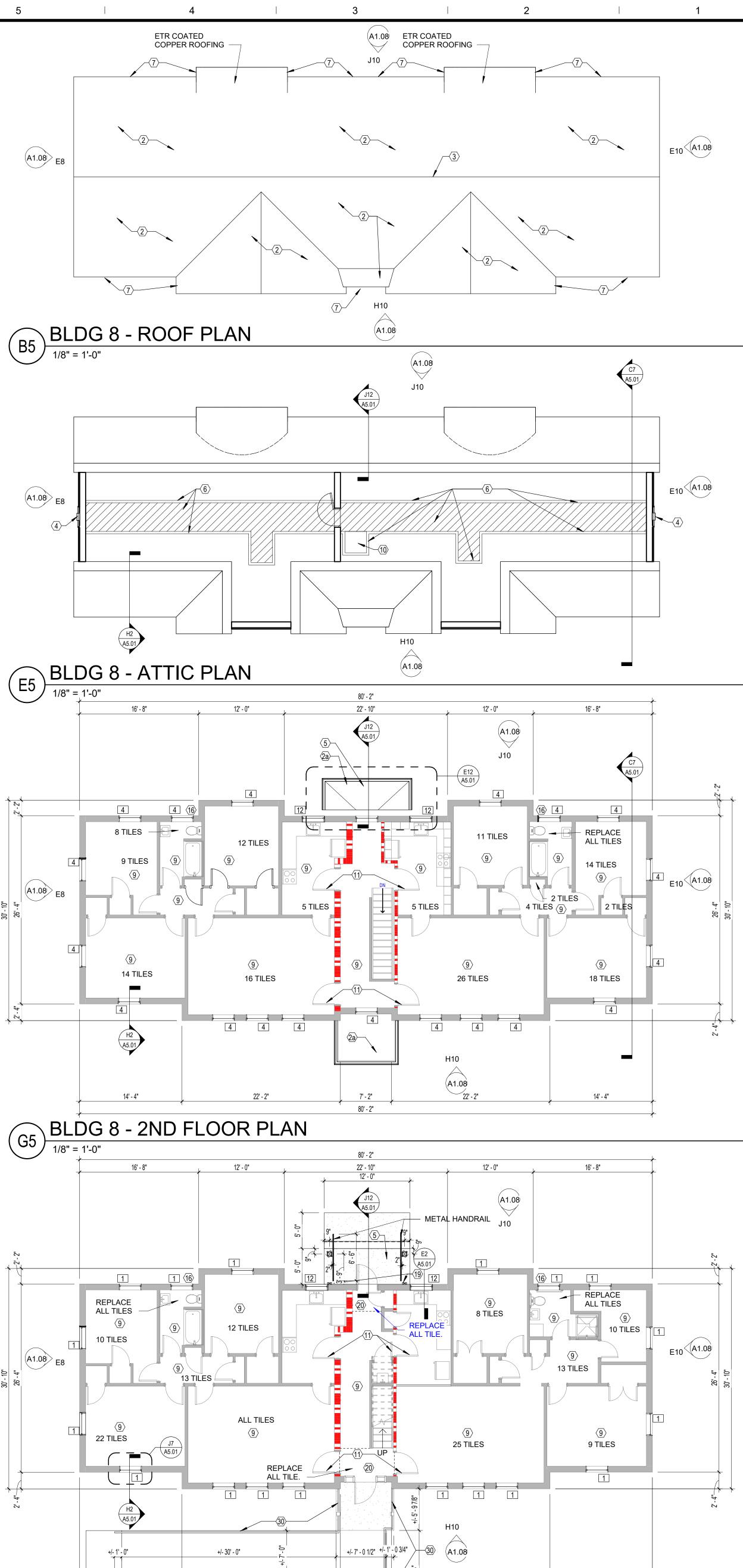
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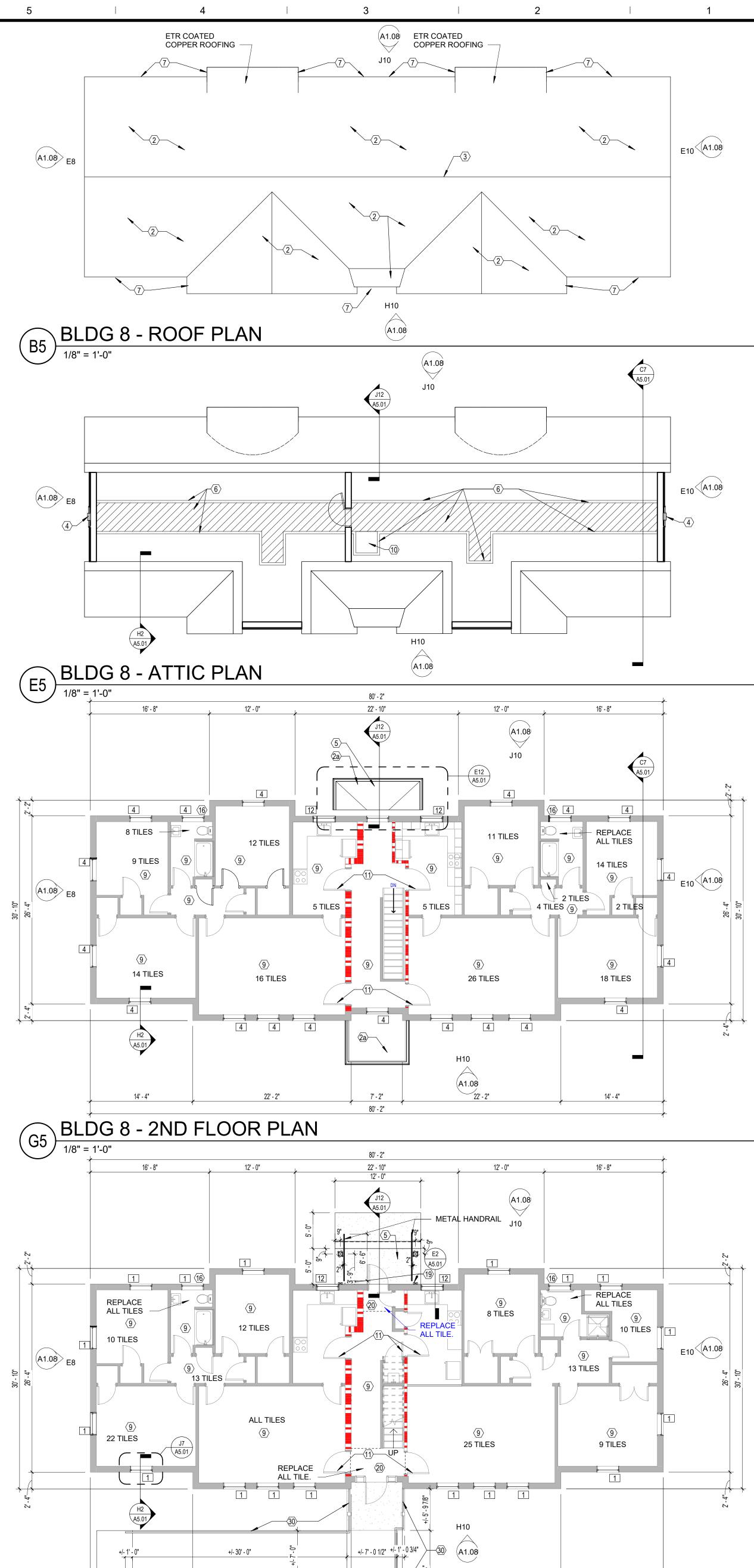
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(E5)







J5

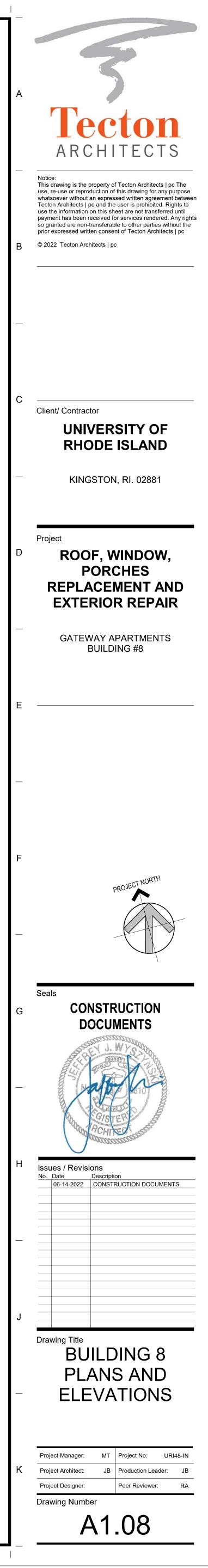
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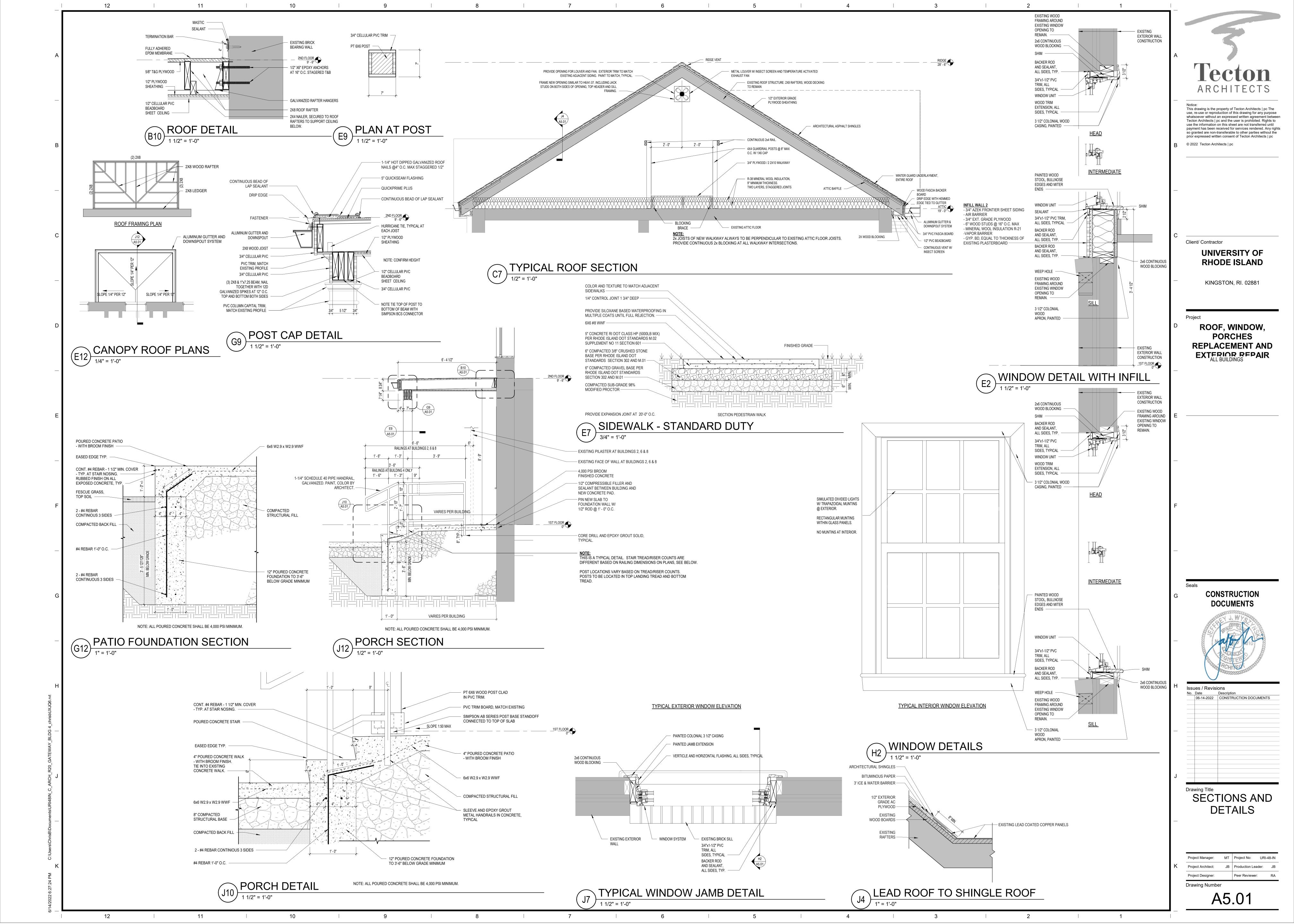
11 7' - 2" U T 14' - 4" 22' - 2" 80' - 2" BLDG 8 - 1ST FLOOR PLAN

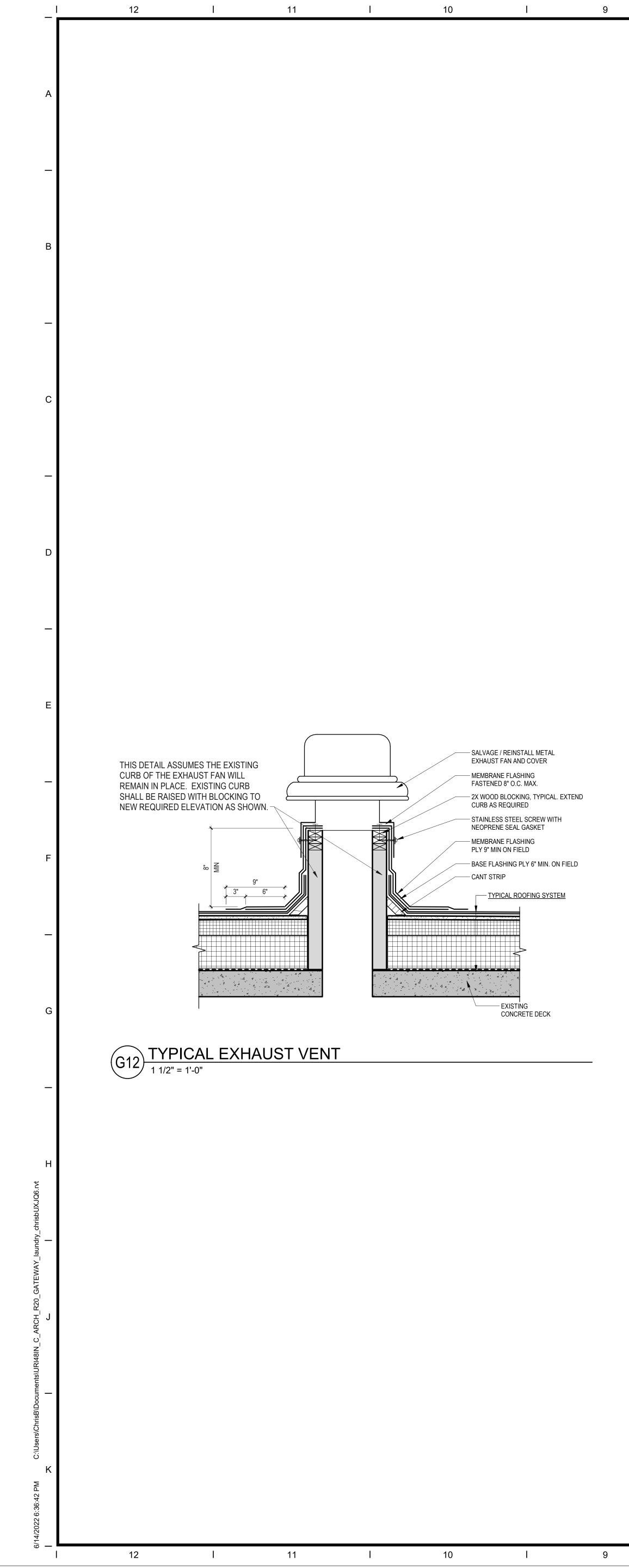
1/8" = 1'-0" 4 2 1

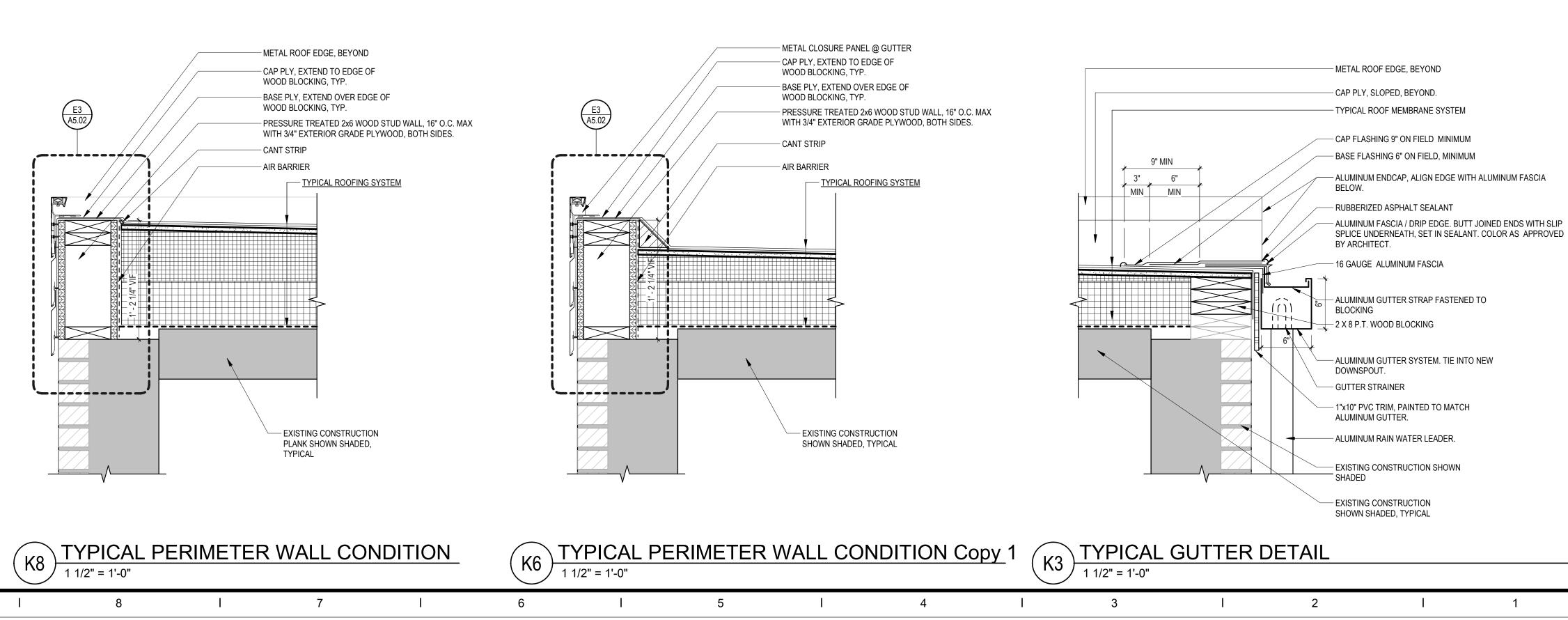
22' - 2"

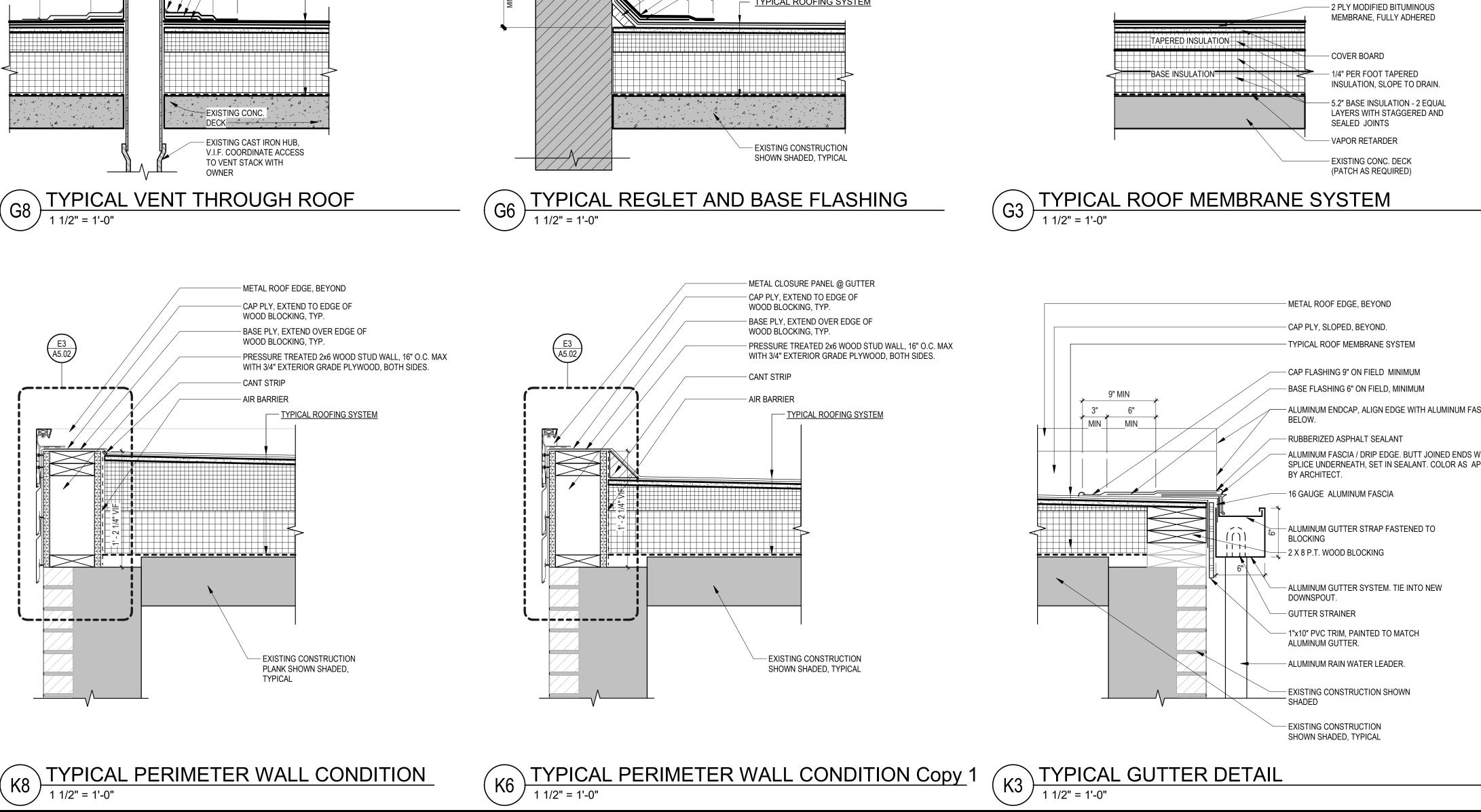
14' - 4"

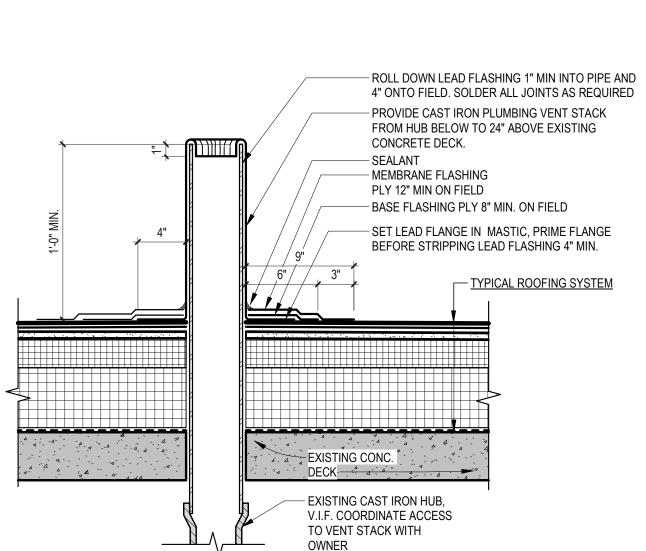


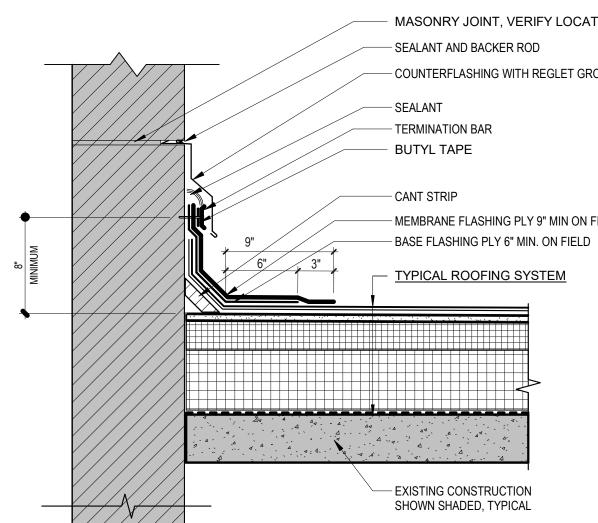












TYPICAL ROOFING SYSTEM

- MEMBRANE FLASHING PLY 9" MIN ON FIELD

- COUNTERFLASHING WITH REGLET GROOVE

MASONRY JOINT, VERIFY LOCATION(S) IN FIELD



