PARTITION LEGEND & NOTES

1 HOUR FIRE BARRIER

PER UL 263 • DESIGN NO. U419 *DEFINITION AS PER NFPA CODES

THIS APPLIES TO 1-HOUR RATED ENCLOSURES, NEW HAZARDOUS AREAS**, STAIRWELLS 3 STORIES OR LESS AND ROOMS WITH TRANSFORMERS OVER 112.5 kVA.

WALL CONSTRUCTION: WALL EXTENDS FROM FLOOR TO DECK ABOVE.

DUCTS: FIRE DAMPERS ARE REQUIRED. SOME EXCEPTIONS, REFER TO FBC 716.5.4 RELATED TO SIZE, LOCATION AND STEEL SLEEVE.

PENETRATIONS: ALL PENETRATIONS ARE SEALED WITH LISTED FIRESTOP MATERIALS FOR PROTECTING 1-HOUR WALL ASSEMBLIES. PENETRATIONS ARE TO BE FILLED ON BOTH SIDES OF THE WALL.

DOORS: ALL DOORS REQUIRE THE FOLLOWING:
1.LABELED FRAMES (NFPA 80 6.3.1)
2.LABELED 3/4 HOUR DOOR (NFPA 80 4.3.1)*
3.MAXIMUM 100 SQ. IN. WINDOW (NFPA 80 4.4.5)
4.POSITIVE LATCHING (NFPA 80 6.4.1.4)
5.SELF CLOSING OR AUTOMATIC CLOSING (NFPA 80 6.4.1.1)
6.COORDINATING DEVICES REQUIRED (NFPA80 6.4.1.1)
7.MAXIMUM 1/8" GAP (NFPA 80 2-3.1.7)
8.MAXIMUM 3/4" UNDERCUT (NFPA 80 4.8.4.1)
9.MAXIMUM 16" PROTECTIVE PLATE (NFPA 80 6.4.5.1 THRU .3)
10.SWING IN PRIMARY DIRECTION OF TRAVEL (NFPA 10118/19.2.2.2.)

* 1-HOUR DOORS ARE REQUIRED IN STAIRWELLS THAT ARE 3 STORIES OR LESS. **HAZARDOUS AREAS ARE THOSE LISTED IN NFPA 10119.3.2.1 AND NCBC 508.2.5

2 HOUR FIRE BARRIER

PER UL 263 • DESIGN NO. U419 *DEFINITION AS PER NFPA CODES

THIS APPLIES TO HORIZONTAL EXITS, SHAFTS AND STAIRWELLS OF 4 OR MORE STORIES AND EMERGENCY ELECTRICAL EQUIPMENT ROOMS.

WALL CONSTRUCTION: WALL EXTENDS FROM FLOOR TO DECK ABOVE.

DUCTS: ALL DUCT PENETRATIONS ARE PROTECTED BY FIRE DAMPERS.

PENETRATIONS: ALL PENETRATIONS ARE SEALED WITH LISTED FIRESTOP MATERIALS FOR PROTECTING 2-HOUR WALL ASSEMBLIES. PENETRATIONS ARE TO BE FILLED ON BOTH SIDES OF THE WALL.

DOORS: ALL DOORS REQUIRE THE FOLLOWING:
1. LABELED FRAMES (NFPA 80 6.3.1)
2. LABELED 11/2 HOUR DOOR (NFPA 80 4.3.1)
3. MAXIMUM 100 SQ. IN. WINDOW (NFPA 80 4.4.5)
4. POSITIVE LATCHING (NFPA 80 6.9.1.4)
5. SELF CLOSING OR AUTOMATIC CLOSING (NFPA 80 6.4.1.1)
6. COORDINATING DEVICES REQUIRED (NFPA 80 6.4.1.1)
7. MAXIMUM 1/8" GAP (NFPA 80 6.3.1.7.1)
8. MAXIMUM 3/4" UNDERCUT (NFPA 80 4.8.4.1)
9. MAXIMUM 16" PROTECTIVE PLATE (NFPA 80 6.4.5.1 THRU .3)
10. SWING IN PRIMARY DIRECTION OF TRAVEL (NFPA 101 19.2.2.2/7.2.1.4.2)

1 HOUR FIRE/ SMOKE BARRIER

PER UL 263 • DESIGN NO. U419 * DEFINITION AS PER NFPA CODES

THIS APPLIES TO 1-HOUR FIRE SMOKE BARRIERS INCLUDING COMPARTMENTS AND ATRIUMS PER 2012 NFPA 101 LIFE SAFETY CODE SEC. 8.6.7. THIS COMBINATION WALL IS ALSO USED WHERE A PORTION OF THE 1-HOUR WALL OF RATED ROOM IS ALSO PART OF A SMOKE BARRIER.

WALL CONSTRUCTION: WALL EXTENDS FROM FLOOR TO DECK ABOVE.

DUCTS: ALL DUCT PENETRATIONS ARE PROTECTED BY DUCTS: COMBINATION FIRE AND SMOKE DAMPERS. SMOKE DAMPERS ARE NOT REQUIRED WHERE THE OPENING IN DUCTS IS LIMITED TO A SINGLE SMOKE COMPARTMENT AND PENETRATIONS: THE DUCTS ARE CONSTRUCTED OF STEEL (FBC 717.5.5).

PENETRATIONS: ALL PENETRATIONS ARE SEALED WITH LISTED FIRESTOP DOORS: MATERIALS FOR PROTECTING 1-HOUR FIRE AND SMOKE WALL ASSEMBLIES. PENETRATIONS ARE TO BE FILLED ON BOTH SIDES OF THE WALL.

DOORS: ALL DOORS AND SMOKE BARRIER REQUIRE THE FOLLOWING:
1. NON-LABELED FRAME (NFPA 10118.3.7.6)
2. 20 MINUTE OR SOLID WOOD CORE (NFPA 10118/19.3.7.6)
3. MAXIMUM 1296 SQ. IN. WINDOW (NFPA 80 13.2.2)
4. POSITIVE LATCHING NOT REQUIRED (NFPA 10118/19.3.7.8(2))
5. SELF CLOSING OR AUTOMATIC CLOSING (NFPA 10118/19.3.7.8)
6. MAXIMUM 1/8" GAP (NFPA 80 6.3.1.7.1)
7. MAXIMUM 3/4" UNDERCUT (NFPA 10118.3.7.6(6)/8.5.4.1)
8. MAXIMUM 48" PROTECTIVE PLATE (NFPA 10119.3.2.1.4)
9. UNLIMITED HEIGHT IN NEW CONSTRUCTION (NFPA 18.3.7.6)
10. SWING IN ANY DIRECTION (NFPA 10119.3.7.8/7.2.1.4.2)

SMOKE TIGHT PARTITION — STP

* DEFINITION AS PER NFPA CODES

THIS APPLIES TO EXISTING HAZARDOUS AREAS IN 1-2 OCCUPANCY PROTECTED THROUGHOUT WITH AUTOMATIC SPRINKLERED SYSTEMS.

HAZARDOUS AREAS ARE THOSE LISTED IN NFPA 10119.3.2.1 AND NCBC 508.2.5

WALL CONSTRUCTION: WALL EXTENDS FROM FLOOR TO DECK ABOVE OR TERMINATES TO THE CEILING WHERE THE CEILING IS CONSTRUCTED TO LIMIT THE TRANSFER OF SMOKE (NFPA 10119.3.6.2.4). ALSO APPLIES TO CORRIDOR WALL CONSTRUCTION IN 1-2 OCCUPANCY.

DUCTS: SMOKE DAMPERS ARE NOT REQUIRED.

PENETRATIONS: ALL PENETRATIONS ARE SEALED WITH LISTED FIRESTOP MATERIALS FOR PROTECTING SMOKE PARTITIONS.

DOORS: ALL DOORS AND SMOKE BARRIER REQUIRE THE FOLLOWING:
1. LABELED 20 MINUTE OR SOLID WOOD CORE (NFPA 10119.3.7.6)
2. NO RESTRICTION IN GLASS AREA (NFPA 10119.3.6.3.17)
3. SELF CLOSING OR AUTOMATIC CLOSING (NFPA 10119.3.6.3.5), NOT APPLICABLE TO PATIENT ROOMS.
4. POSITIVE LATCHING EXCEPT IN TOILETS, SHOWER AND SINK CLOSETS (NFPA 19.3.6.3.6}
5. GASKETING OF DOORS SHOULD NOT BE NECESSARY TO ACHIEVE RESISTANCE TO PASSAGE OF SMOKE IF DOOR IS RELATIVELY TIGHT FITTING (NFPA 101 A19.3.6.3.1)
6. MAXIMUM 1" UNDERCUT (NFPA 10119.3.6.3.4)
7. MAX. 48" PROTECTIVE PLATE FOR HAZARDOUS AREAS(NFPA 10119.3.2.1.4) UNLIMITED IN CORRIDORS (NFPA 19.3.6.3.12)
8. SWING IN ANY DIRECTION OF TRAVEL {NFPA 10119.3.7.8}
9. TRANSFER GRILLS NOT PERMITTED EXCEPT IN TOILETS, SHOWER AND SINK CLOSETS (NFPA 10119.3.6.4.2)

SUITES

*DEFINITION AS PER NFPA CODES

THIS APPLIES TO EXISTING HAZARDOUS AREAS IN 1-2 OCCUPANCY PROTECTED THROUGHOUT WITH AUTOMATIC SPRINKLERED SYSTEMS.

HAZARDOUS AREAS ARE THOSE LISTED IN NFPA 10119.3.2.1 AND NCBC 508.2.5

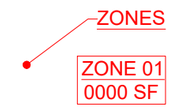
WALL CONSTRUCTION: WALL EXTENDS FROM FLOOR TO DECK ABOVE OR TERMINATES TO THE CEILING WHERE THE CEILING IS CONSTRUCTED TO LIMIT THE TRANSFER OF SMOKE (NFPA 10119.3.6.2.4). ALSO APPLIES TO CORRIDOR WALL CONSTRUCTION IN 1-2 OCCUPANCY.

DUCTS: SMOKE DAMPERS ARE NOT REQUIRED.

PENETRATIONS: ALL PENETRATIONS ARE SEALED WITH LISTED FIRESTOP MATERIALS FOR PROTECTING SMOKE PARTITIONS.

DOORS: ALL DOORS AND SMOKE BARRIER REQUIRE THE FOLLOWING:
1. LABELED 20 MINUTE OR SOLID WOOD CORE (NFPA 10119.3.7.6)
2. NO RESTRICTION IN GLASS AREA (NFPA 10119.3.6.3.17)
3. SELF CLOSING OR AUTOMATIC CLOSING (NFPA 10119.3.6.3.5), NOT APPLICABLE TO PATIENT ROOMS.
4. POSITIVE LATCHING EXCEPT IN TOILETS, SHOWER AND SINK CLOSETS (NFPA 19.3.6.3.6}
5. GASKETING OF DOORS SHOULD NOT BE NECESSARY TO ACHIEVE RESISTANCE TO PASSAGE OF SMOKE IF DOOR IS RELATIVELY TIGHT FITTING (NFPA 101 A19.3.6.3.1)
6. MAXIMUM 1" UNDERCUT (NFPA 10119.3.6.3.4)
7. MAX. 48" PROTECTIVE PLATE FOR HAZARDOUS AREAS(NFPA 10119.3.2.1.4) UNLIMITED IN CORRIDORS (NFPA 19.3.6.3.12)
8. SWING IN ANY DIRECTION OF TRAVEL {NFPA 10119.3.7.8}
9. TRANSFER GRILLS NOT PERMITTED EXCEPT IN TOILETS, SHOWER AND SINK CLOSETS (NFPA 10119.3.6.4.2)

SYMBOLS LEGEND



ZONES

EXIT

HAZARDOUS AREAS CONSTRUCTED AFTER 2000 SEE 1-HR FIRE BARRIER (NFPA 10119.3.2.1)

HAZARDOUS AREAS
PRE DATED 2000 SEE SMOKE TIGHT PARTITION (NFPA 10119.3.6.2.4)

CONSTRUCTION AREAS BOUNDARY

EQUIVALENCY

EQUIVALENCIES

CERTIFICATE OF EQUIVALENCY
VAMC SYRACUSE, NY
BUILDING NO. 1, SMOKE BARRIERS
DEFICIENCIES: ALMOST ALL OF THE SMOKE BARRIER WALLS IN THE BUILDING HAVE NON- RATED FIRE STOPPING MATERIALS PROTECTING PENETRATIONS OF THE BARRIER.
REFERENCES: NFPA STANDARD NO. 101, SECTIONS 13-3.7.3 AND 6-2.3.2.4.2 (1997 EDITION)

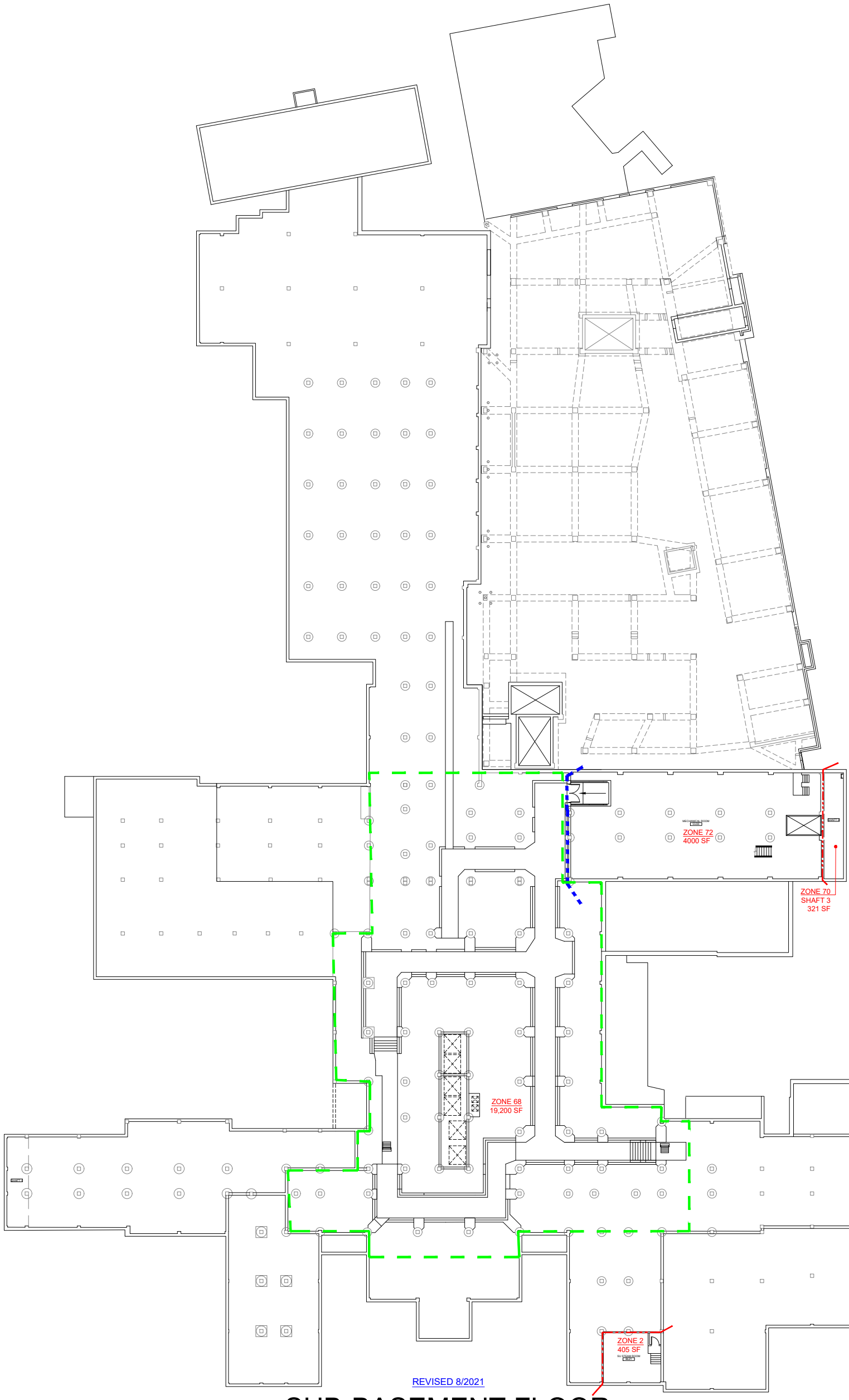
EQUIVALENT MEASURES: THE ENTIRE BUILDING IS PROVIDED WITH SUPERVISED SPRINKLER PROTECTION WITH QUICK RESPONSE SPRINKLERS THROUGH OUT. ALTHOUGH THE MATERIAL USED FOR FIRE STOPPING IS NOT LISTED OR APPROVED PRODUCTS, THE MATERIAL DOES PROVIDE SOME DEGREE OF SMOKE RESISTANCE. THIS LEVEL OF PROTECTION AND FEATURES CAN PROVIDE ADDITIONAL TIME FOR THE STAFF TO RELOCATE PATIENTS IF NEEDED IN THE EVENT OF A FIRE. ALL OF THESE MEASURES PROVIDE AN EQUIVALENT LEVEL OF SAFETY AND THE INTENT OF THE LIFE SAFETY CODE IS ACHIEVED.
DATE: 2/15/00

CERTIFICATE OF EQUIVALENCY
VAMC SYRACUSE,NY
BUILDING NO. 1
DEFICIENCIES: EACH OF THE STAIRWELL FIRE DOORS IN BUILDING NO. 1 HAS UNLABELED FIRE DOOR FRAMES.
REFERENCES: NFPA STANDARD NO. 101, CHAPTERS 19.3.1 AND 8.2.3.2.1 (2000 EDITION); NFPA STANDARD NO. 80, 2-3.1.1 (1999 EDITION)
DATE 12/2/02

ZONE A112/A113
18.3.7.1 BUILDINGS CONTAINING HEALTH CARE FACILITIES SHALL BE SUBDIVIDED BY SMOKE BARRIERS (SEE 18.2.4.3), UNLESS OTHERWISE PERMITTED BY 18.3.7.2, AS FOLLOWS: (1) TO DIVIDE EVERY STORY USED BY INPATIENTS FOR SLEEPING OR TREATMENT INTO NOT LESS THAN TWO SMOKE COMPARTMENTS

PARTITION SYMBOLS

- TWO HOUR FIRE BARRIER
- ONE HOUR FIRE BARRIER
- SMOKE BARRIER
- STP STP STP — SMOKE TIGHT PARTITION
- SUITE
- CONSTRUCTION



REVISED 8/2021

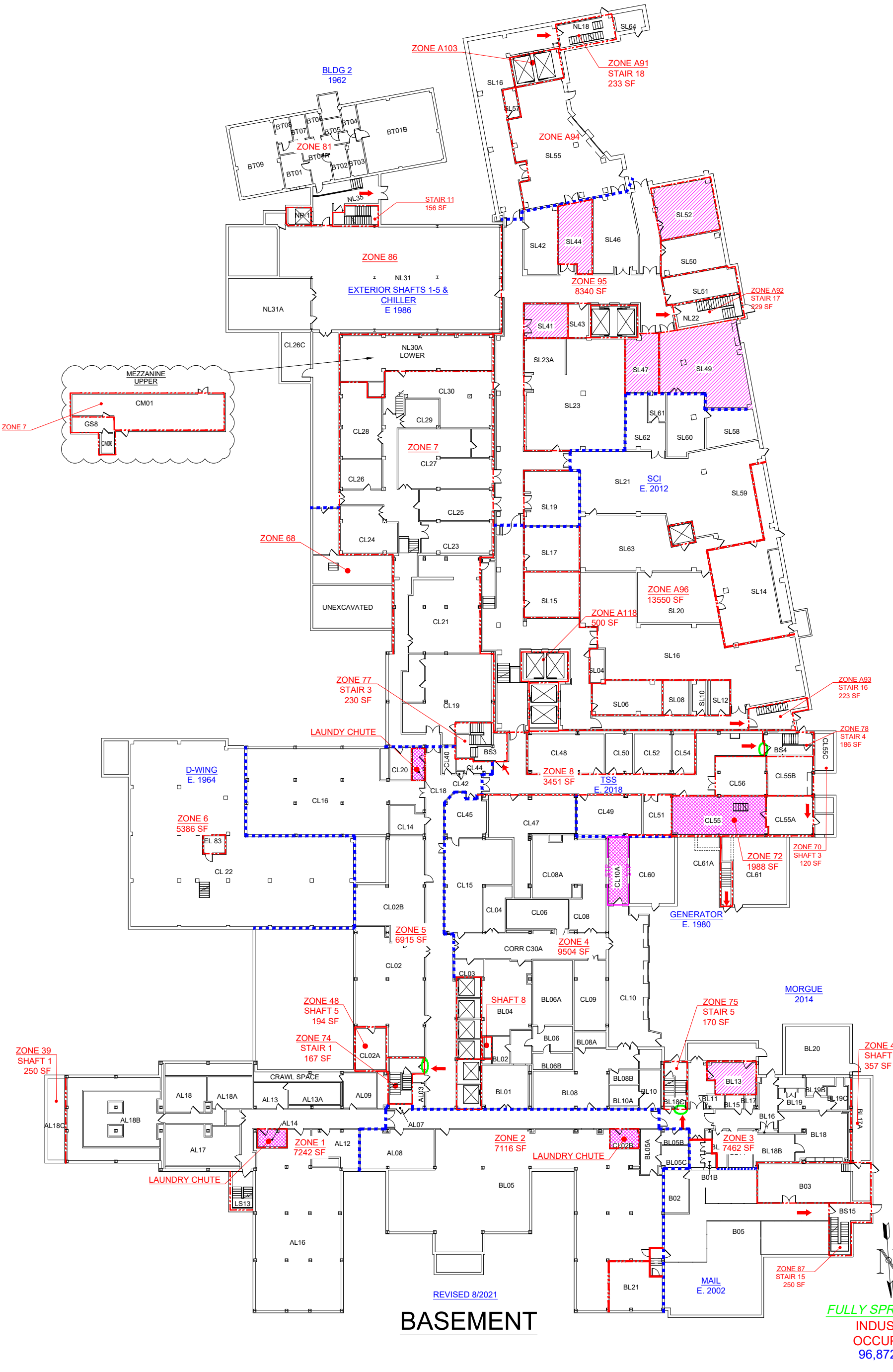
SUB-BASEMENT FLOOR

FULLY SPRINKLERED

INDUSTRIAL
OCCUPANCY
19,203 SF

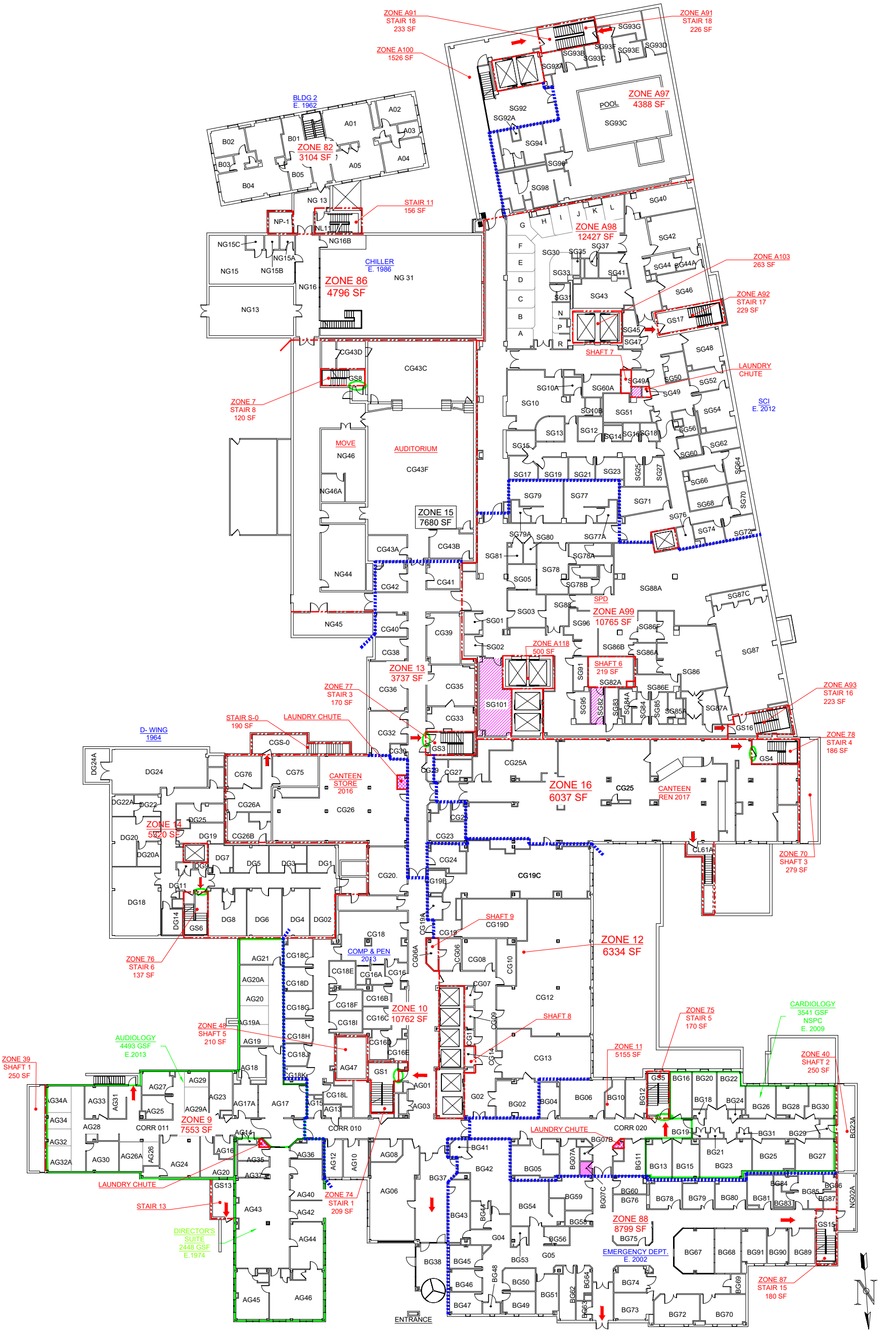
PARTITION SYMBOLS

- TWO HOUR FIRE BARRIER
- ONE HOUR FIRE BARRIER
- SMOKE BARRIER
- STP STP STP — SMOKE TIGHT PARTITION
- SUITE
- CONSTRUCTION



PARTITION SYMBOLS

- TWO HOUR FIRE BARRIER
- ONE HOUR FIRE BARRIER
- SMOKE BARRIER
- STP STP STP — SMOKE TIGHT PARTITION
- SUITE
- CONSTRUCTION



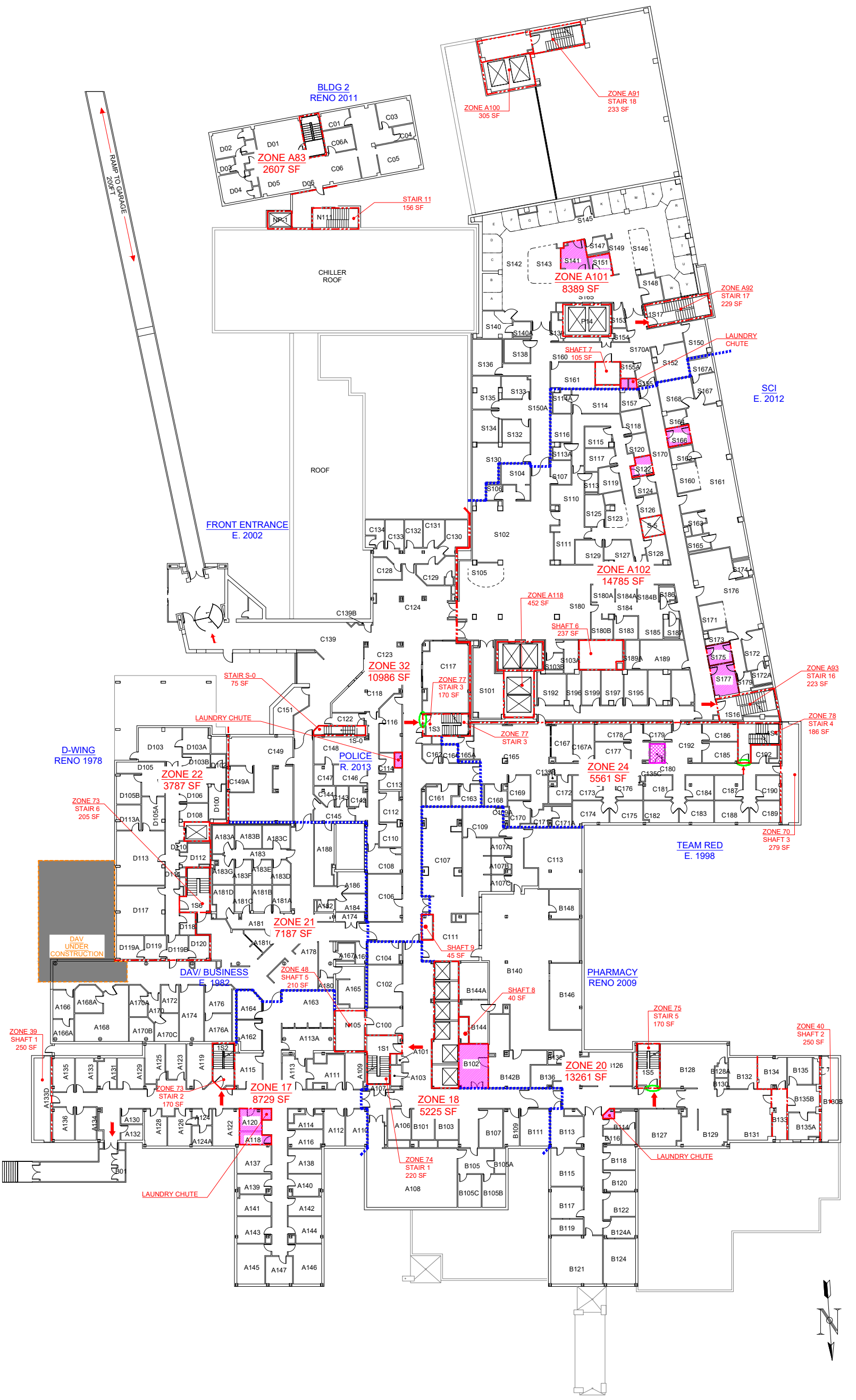
REVISED 8/2021

GROUND FLOOR

FULLY SPRINKLERED
AMBULATORY
100,844 GSF

PARTITION SYMBOLS

- TWO HOUR FIRE BARRIER
- ONE HOUR FIRE BARRIER
- SMOKE BARRIER
- STP STP STP — SMOKE TIGHT PARTITION
- SUITE
- CONSTRUCTION



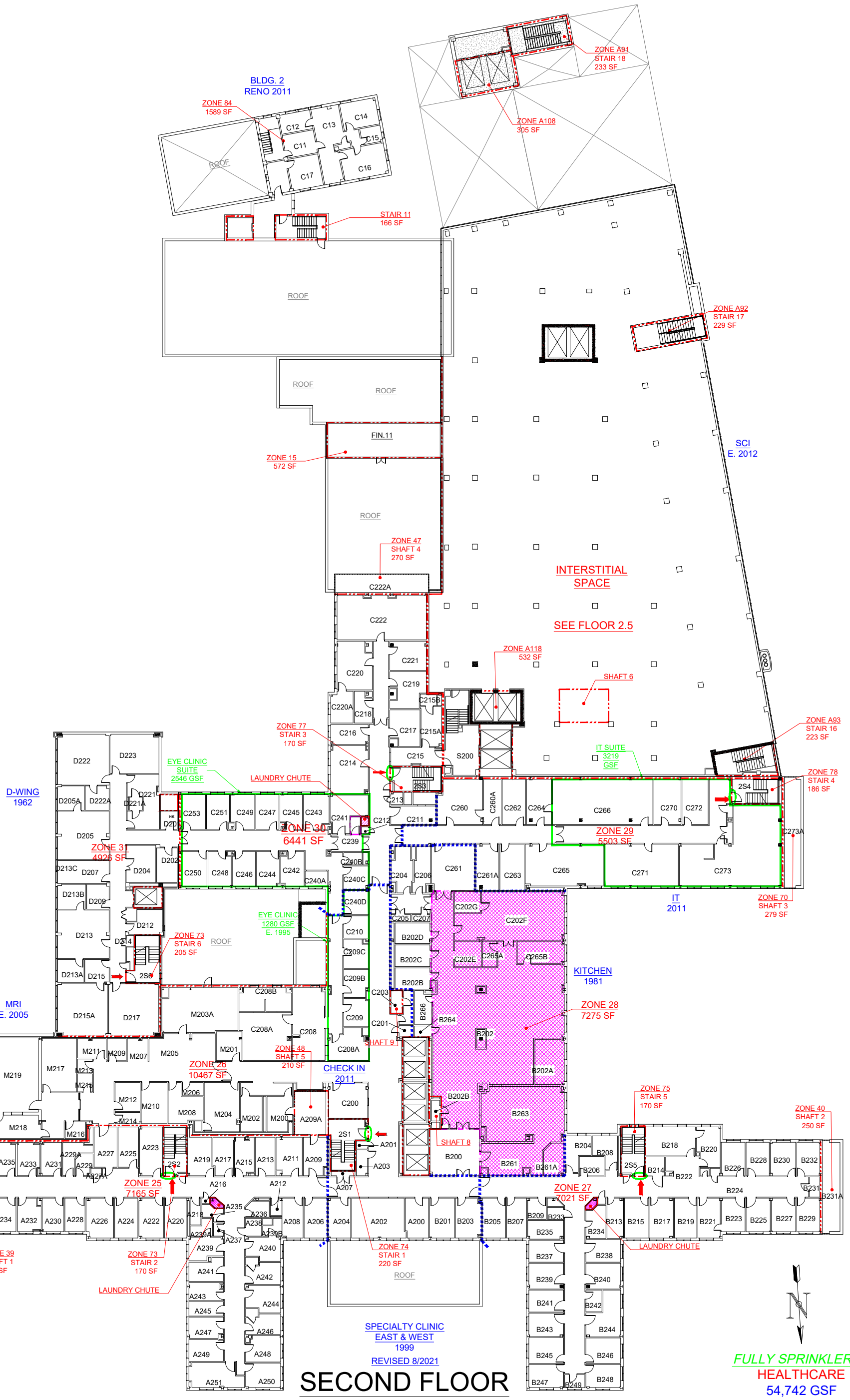
REVISED 8/2021

FIRST FLOOR

FULLY SPRINKLERED
AMBULATORY
87,098GSF

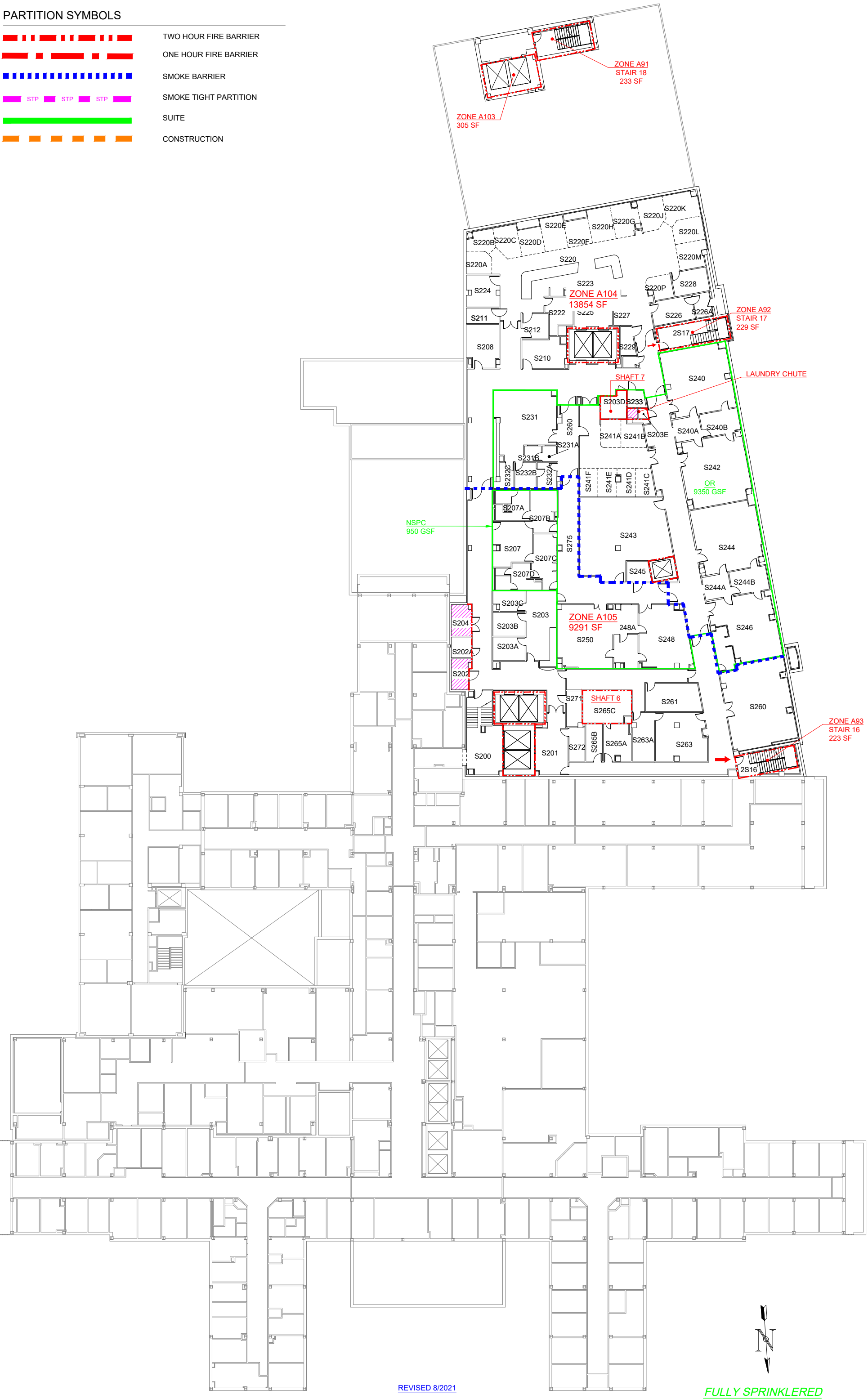
PARTITION SYMBOLS

- TWO HOUR FIRE BARRIER
- ONE HOUR FIRE BARRIER
- SMOKE BARRIER
- STP STP STP — SMOKE TIGHT PARTITION
- SUITE
- CONSTRUCTION



PARTITION SYMBOLS

- TWO HOUR FIRE BARRIER
- ONE HOUR FIRE BARRIER
- SMOKE BARRIER
- STP STP STP — SMOKE TIGHT PARTITION
- SUITE
- CONSTRUCTION



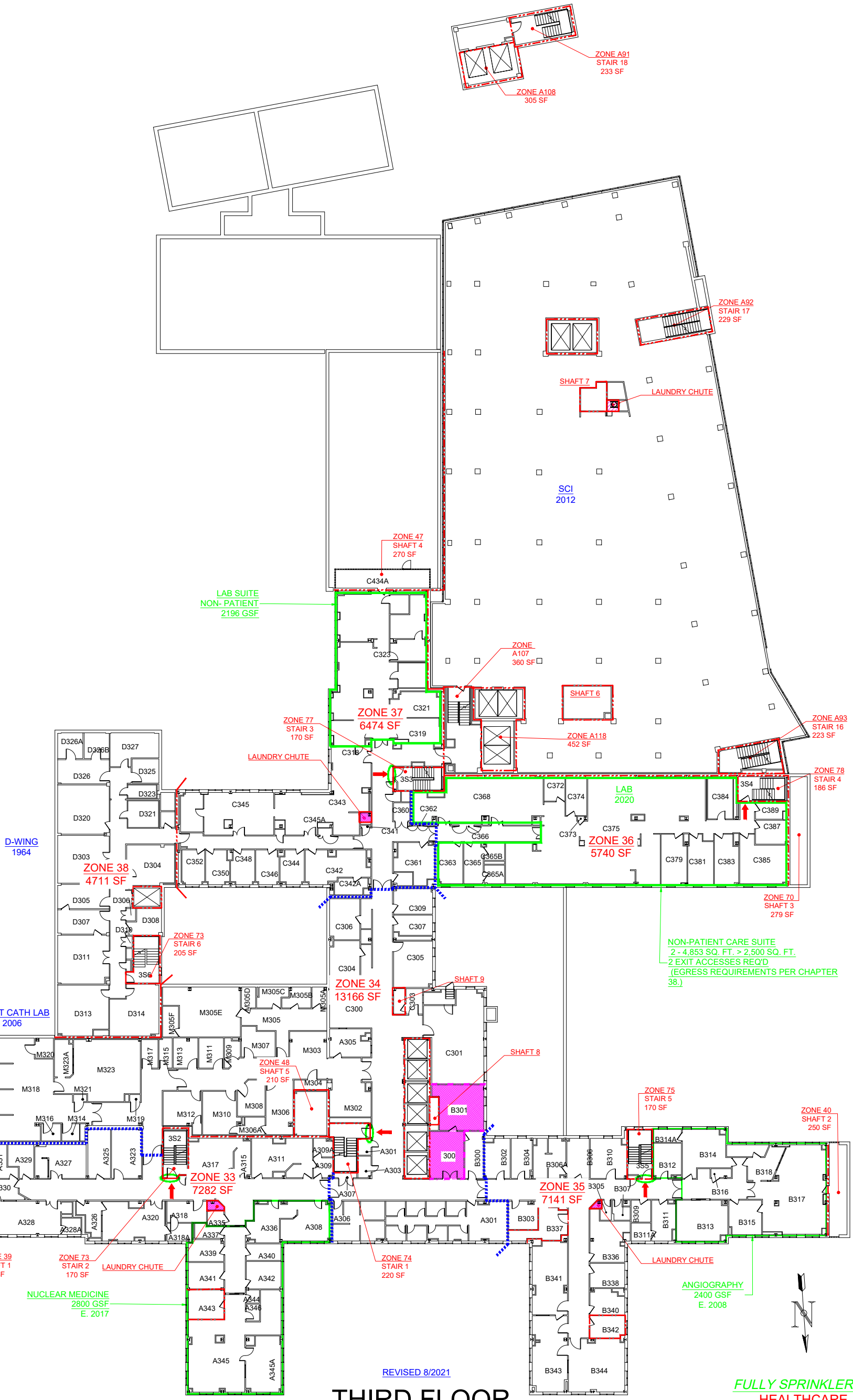
REVISED 8/2021

2.5 FLOOR

FULLY SPRINKLERED
HEALTHCARE
25,495 SF

PARTITION SYMBOLS

- TWO HOUR FIRE BARRIER
- ONE HOUR FIRE BARRIER
- SMOKE BARRIER
- STP STP STP — SMOKE TIGHT PARTITION
- SUITE
- CONSTRUCTION



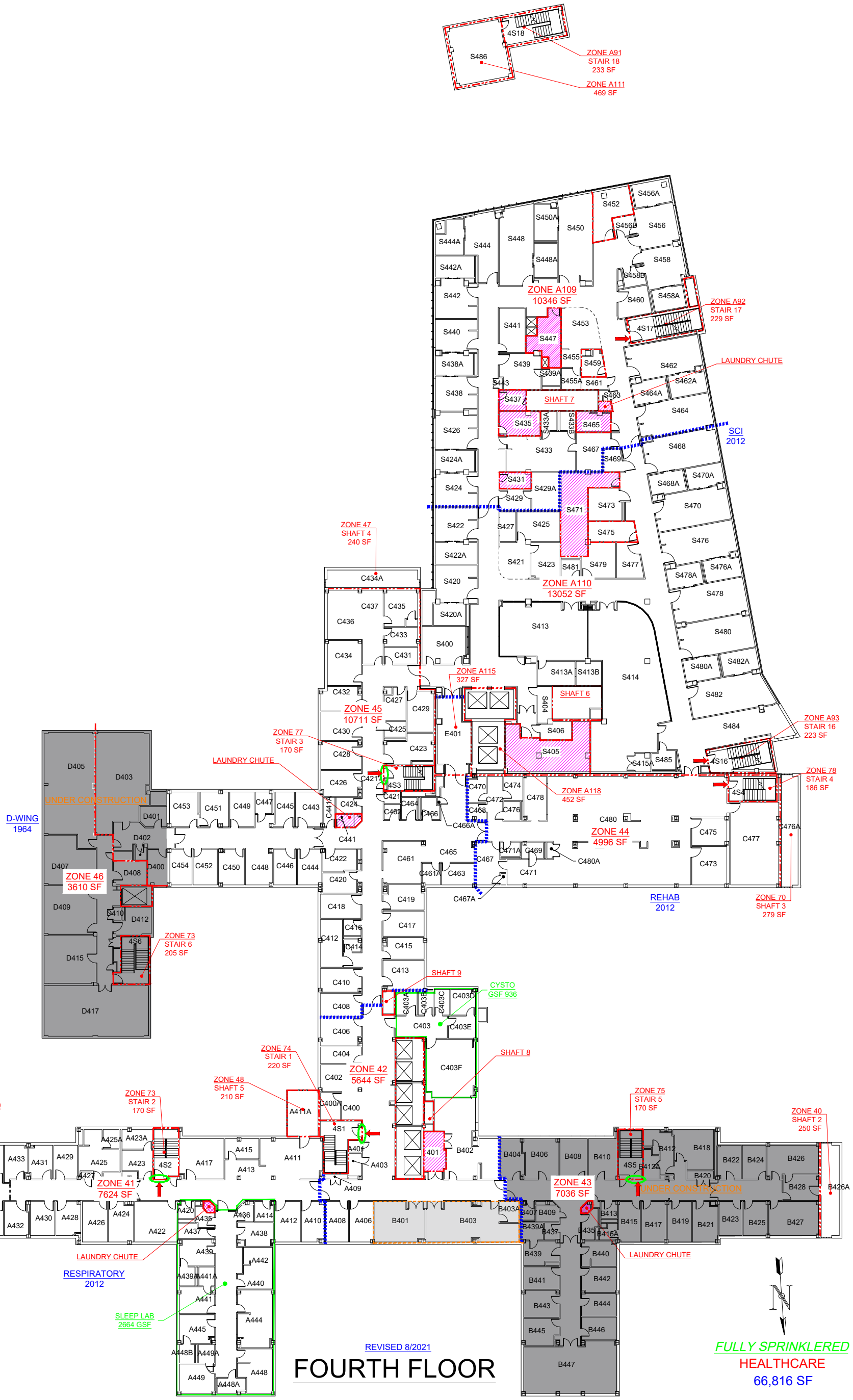
REVISED 8/2021

THIRD FLOOR

FULLY SPRINKLERED
HEALTHCARE
48,287 SF

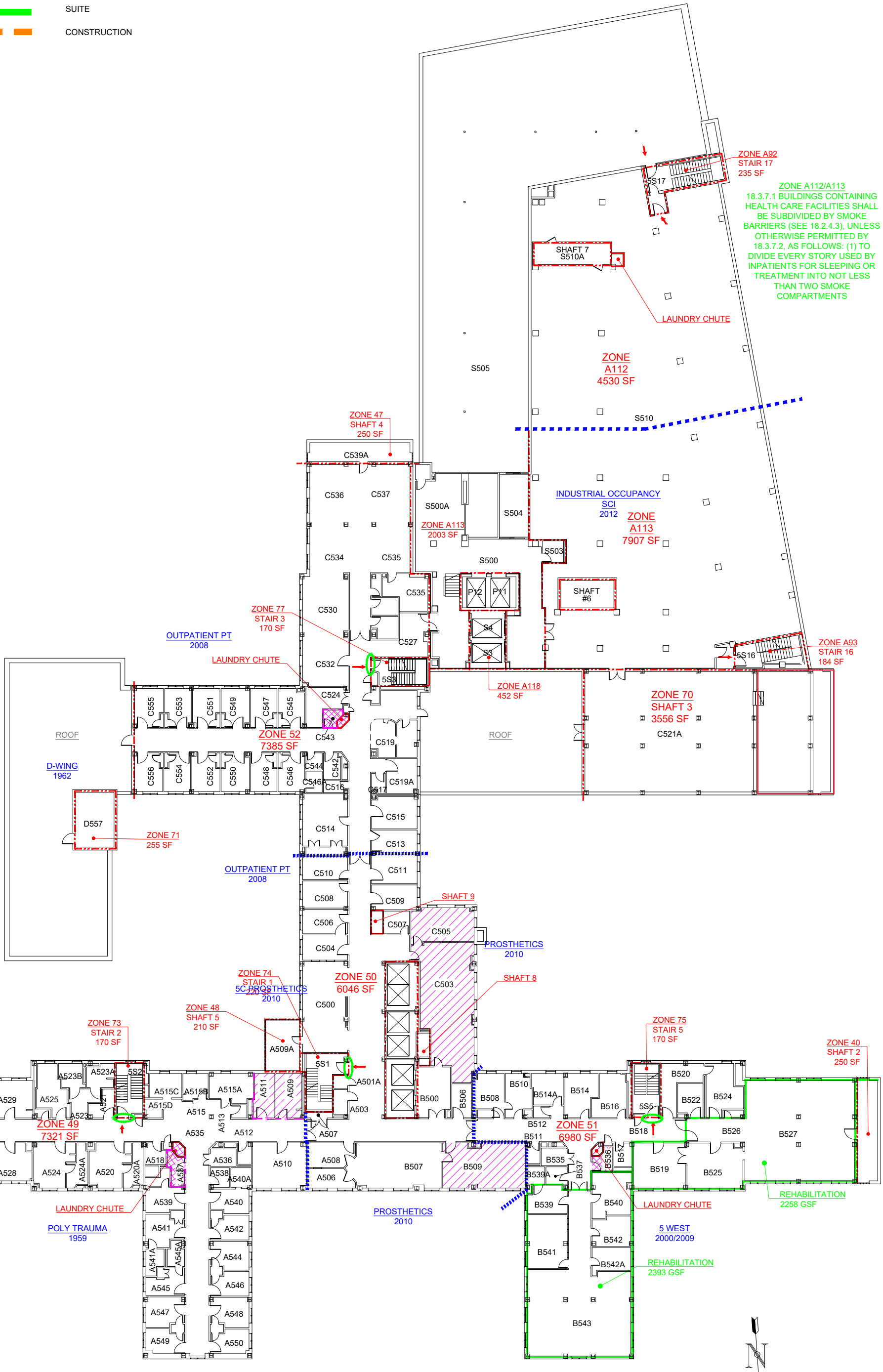
PARTITION SYMBOLS

- TWO HOUR FIRE BARRIER
- ONE HOUR FIRE BARRIER
- SMOKE BARRIER
- STP STP STP — SMOKE TIGHT PARTITION
- SUITE
- CONSTRUCTION



PARTITION SYMBOLS

- TWO HOUR FIRE BARRIER
- ONE HOUR FIRE BARRIER
- SMOKE BARRIER
- STP STP STP — SMOKE TIGHT PARTITION
- SUITE
- CONSTRUCTION



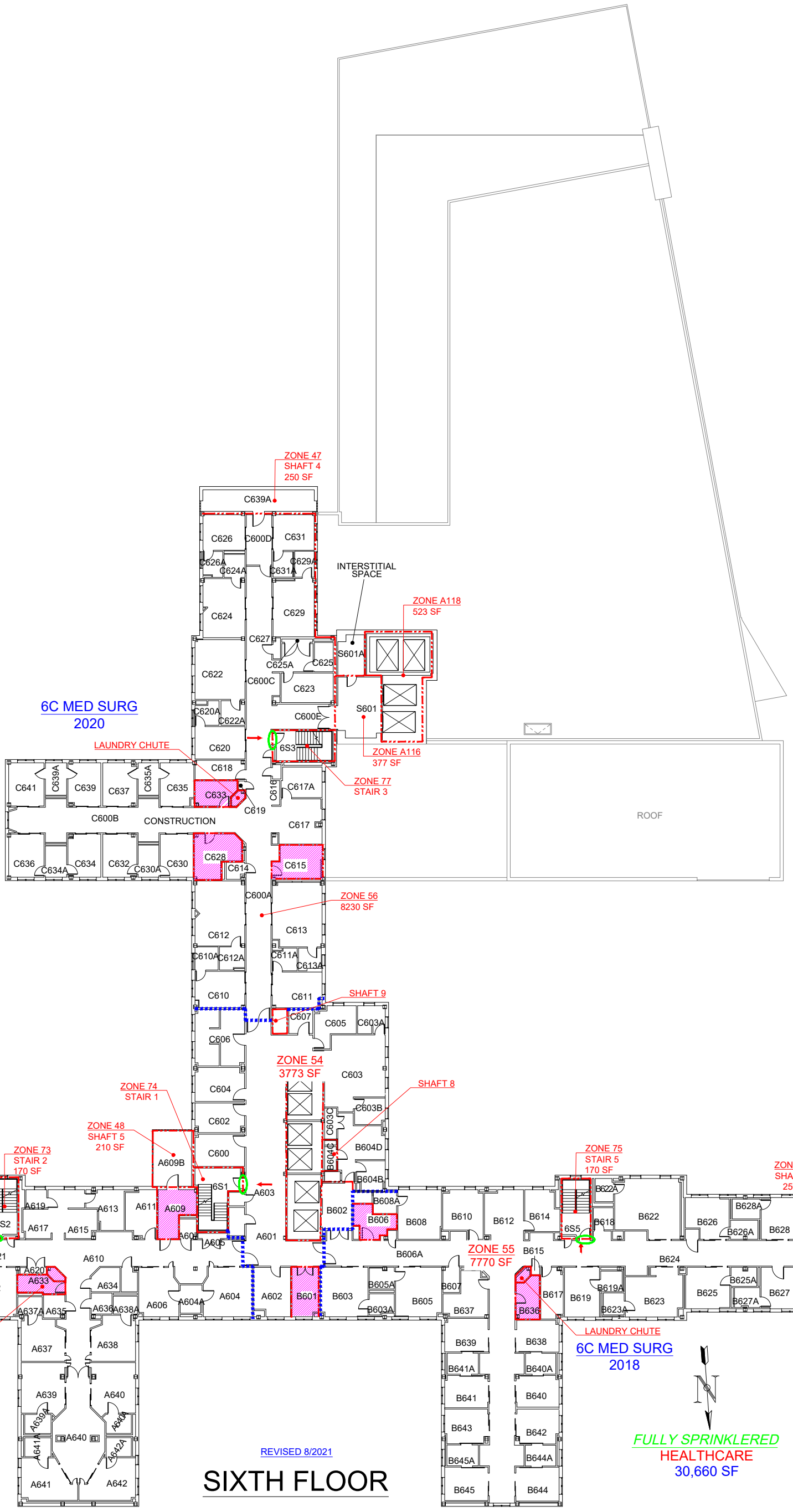
REVISED 8/2021

FIFTH FLOOR

FULLY SPRINKLERED
HEALTHCARE
59,229 SF

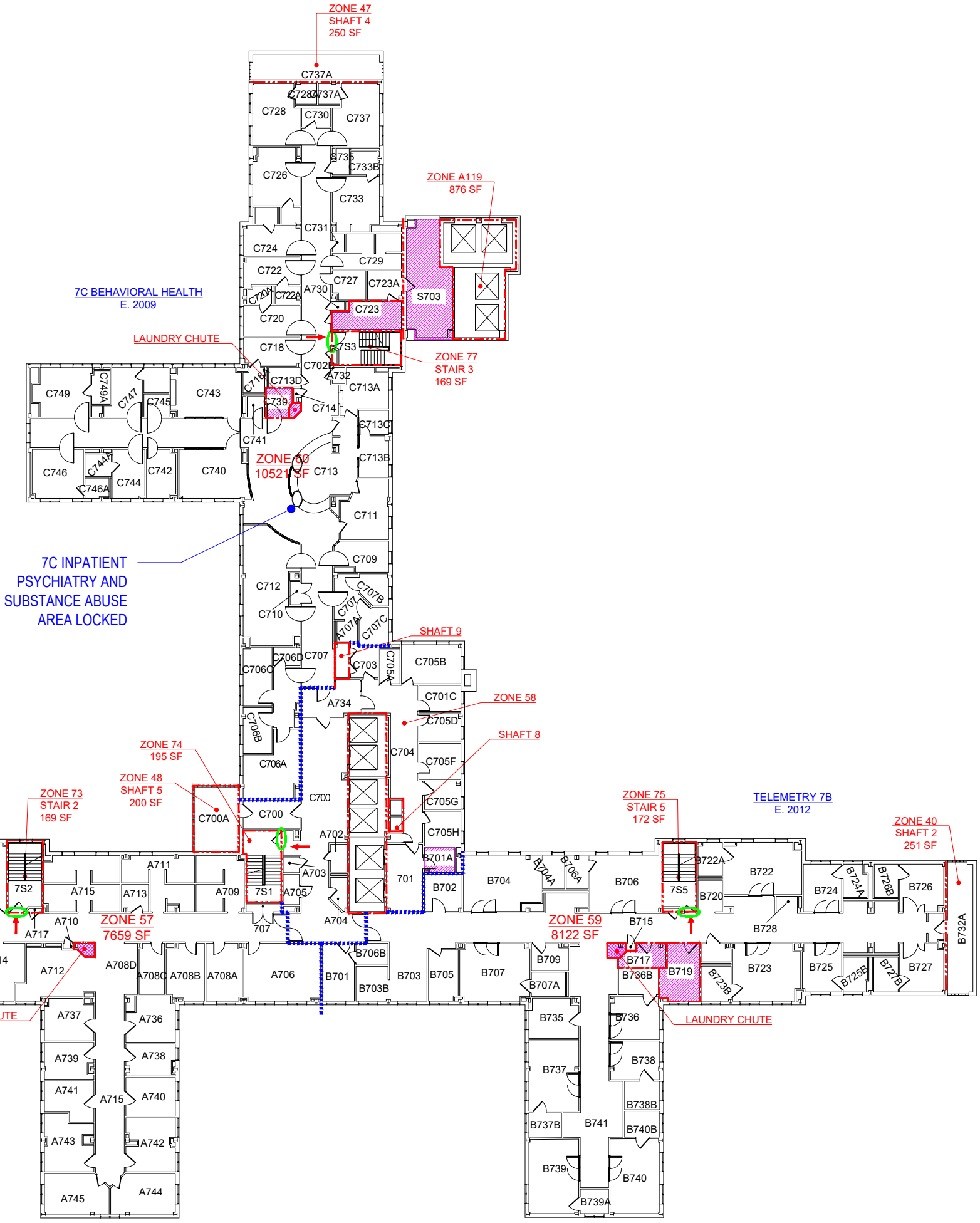
PARTITION SYMBOLS

- TWO HOUR FIRE BARRIER
- ONE HOUR FIRE BARRIER
- SMOKE BARRIER
- STP STP STP — SMOKE TIGHT PARTITION
- SUITE
- CONSTRUCTION



PARTITION SYMBOLS

- TWO HOUR FIRE BARRIER
- ONE HOUR FIRE BARRIER
- SMOKE BARRIER
- SMOKE TIGHT PARTITION (STP STP STP)
- SUITE
- CONSTRUCTION



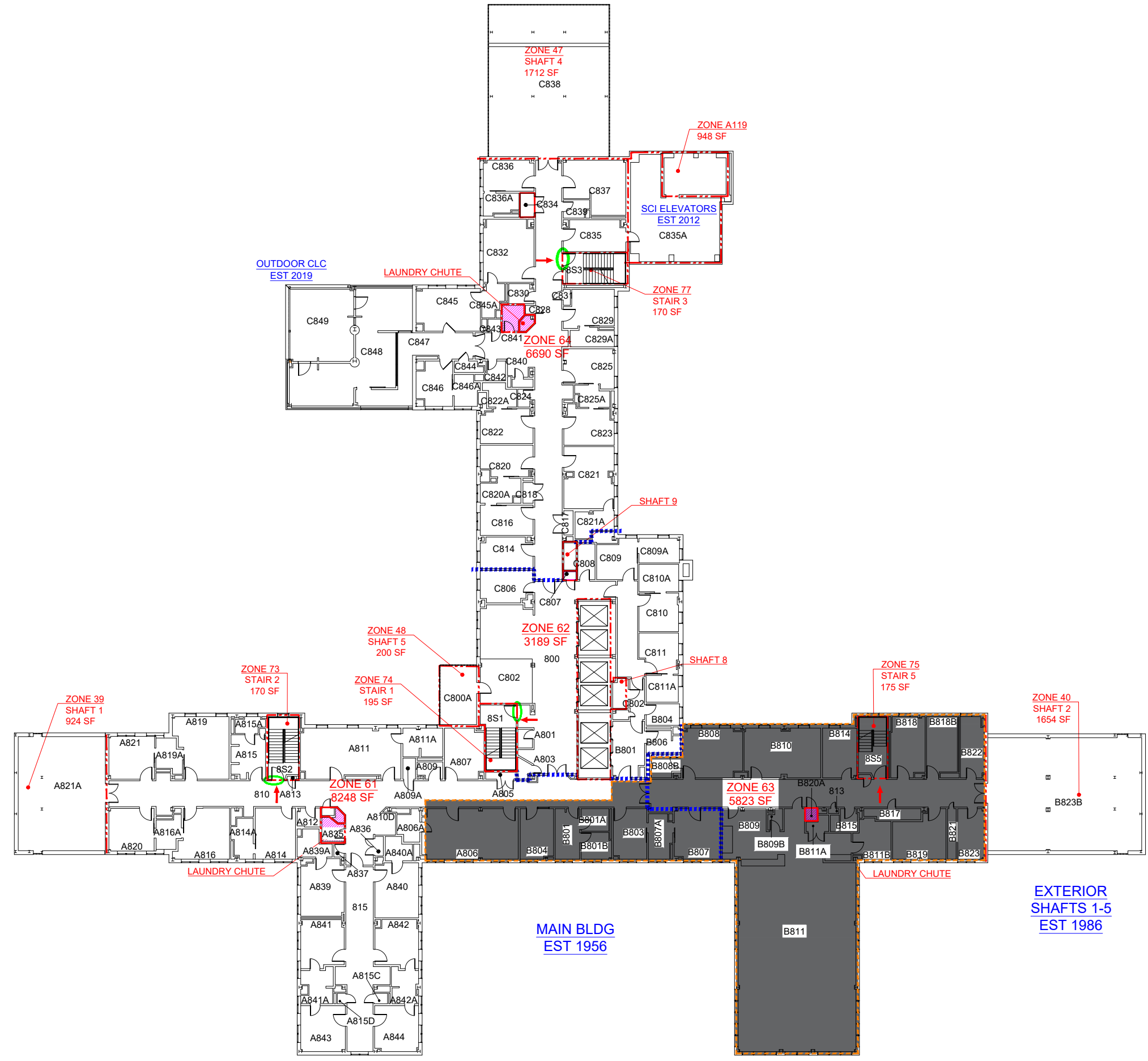
REVISED 8/2021

SEVENTH FLOOR

FULLY SPRINKLERED
HEALTHCARE
30,694 SF

PARTITION SYMBOLS

- TWO HOUR FIRE BARRIER
- ONE HOUR FIRE BARRIER
- SMOKE BARRIER
- SMOKE TIGHT PARTITION (STP STP STP)
- SUITE
- CONSTRUCTION



REVISED 8/2021

EIGHTH FLOOR

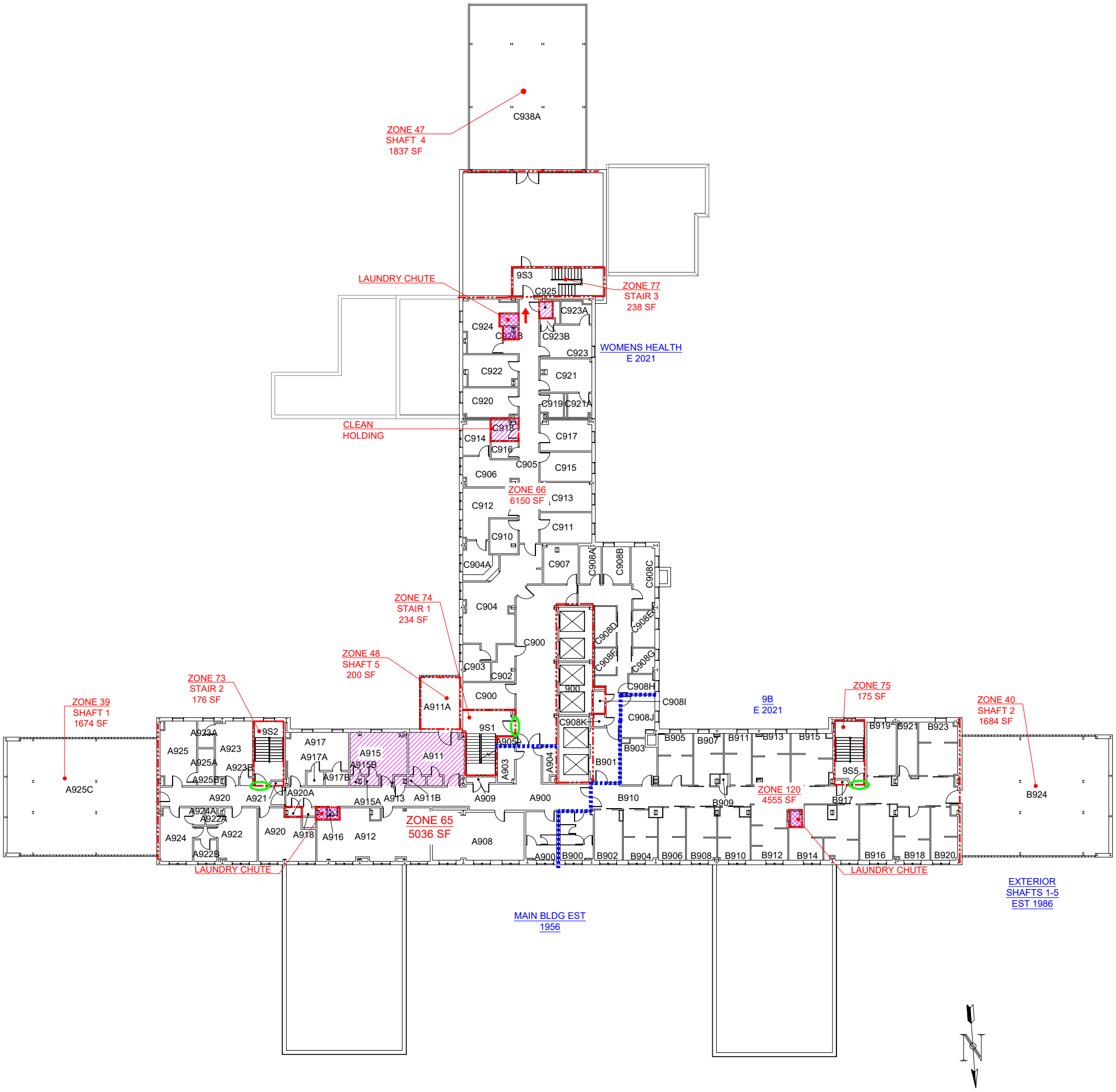
FULLY SPRINKLERED

HEALTHCARE

30,819 SF

PARTITION SYMBOLS

- TWO HOUR FIRE BARRIER
- ONE HOUR FIRE BARRIER
- SMOKE BARRIER
- STP STP STP — SMOKE TIGHT PARTITION
- SUITE
- CONSTRUCTION



FULLY SPRINKLERED

BUSINESS
OCCUPANCY

22,293 SF

REVISED 8/2021

NINTH FLOOR

PARTITION SYMBOLS

TWO HOUR FIRE BARRIER

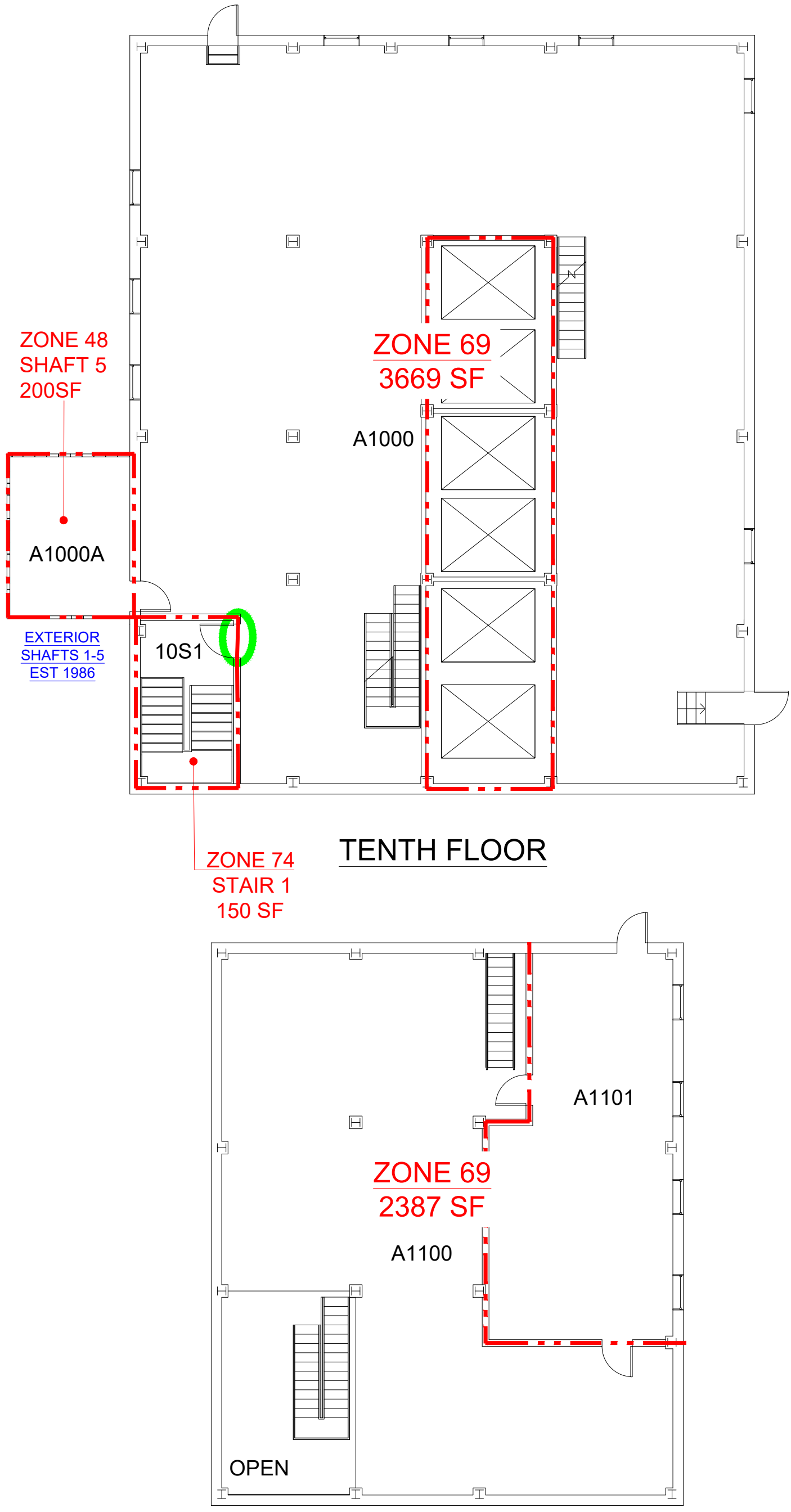
ONE HOUR FIRE BARRIER

SMOKE BARRIER

STP STP STP SMOKE TIGHT PARTITION

SUITE

CONSTRUCTION



TENTH FLOOR

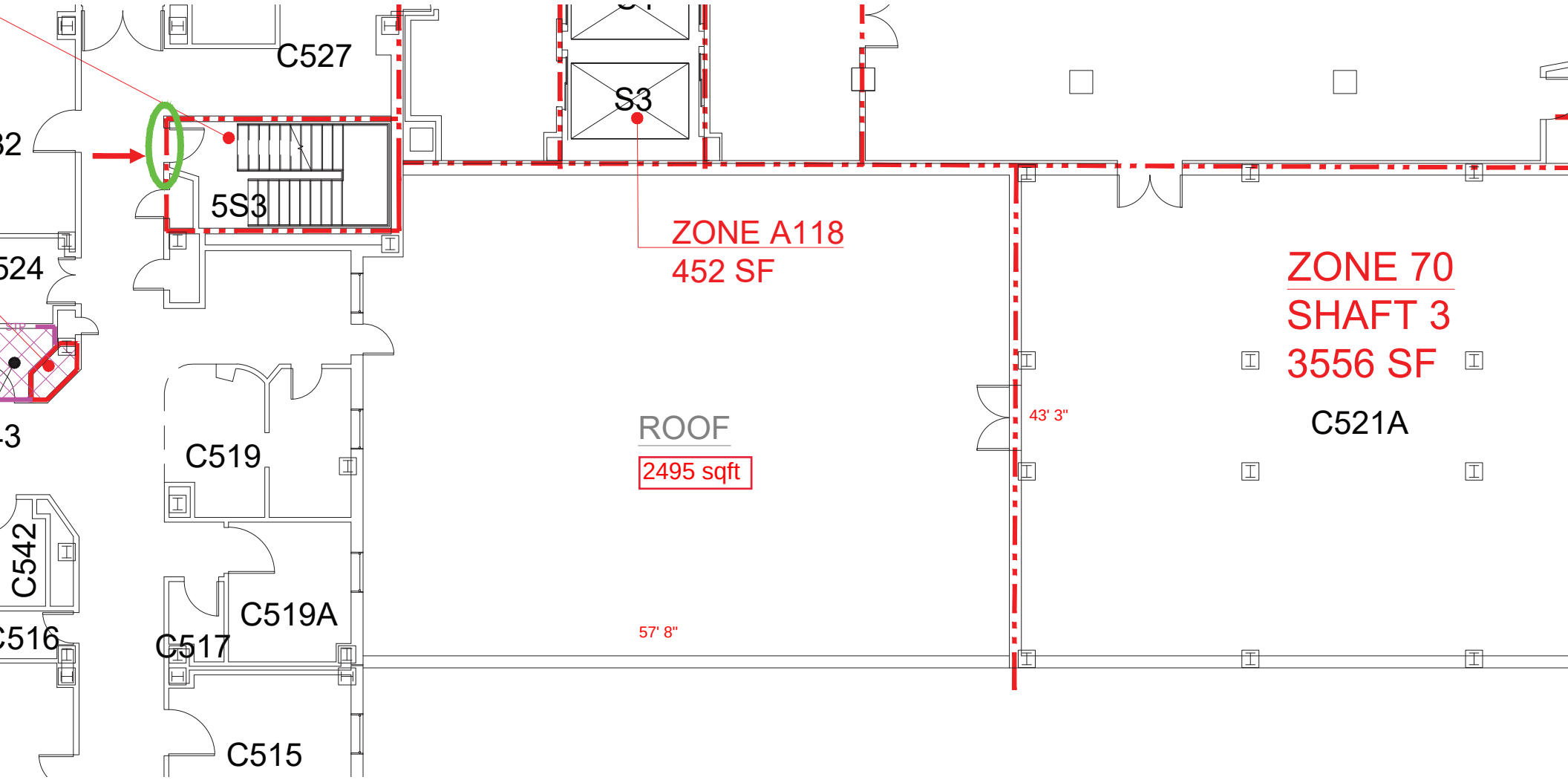
REVISED 8/2021

ELEVENTH FLOOR

FULLY SPRINKLERED

INDUSTRIAL
OCCUPANCY

7,000 SF


C527
S3
5S3
ZONE A118
452 SF
ZONE 70
SHAFT 3
3556 SF
ROOF
2495 sqft
43' 3"
C521A
C519
C542
C519A
C516
C517
57' 8"
C515