BUILDING CODES:

2021 SOUTH CAROLINA BUILDING CODE
2021 SOUTH CAROLINA FIRE CODE
2021 SOUTH CAROLINA PLUMBING CODE
2021 SOUTH CAROLINA MECHANICAL CODE
2021 SOUTH CAROLINA FUEL GAS CODE
2020 NATIONAL ELECTRICAL CODE (NFPA 70) WITH SC MODIFICATIONS
2009 INTERNATIONAL ENERGY CONSERVATION CODE

BUILDING STANDARDS:

2017 ICC A117.1 ACCESSIBILITY STANDARD
2018 NFPA 10 - STANDARD FOR PORTABLE FIRE EXTINGUISHERS
2016 NFPA 13 - STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS
2017 NFPA 70 - NATIONAL ELECTRICAL CODE
2016 NFPA 72 - NATIONAL FIRE ALARM AND SIGNALING CODE
2018 NFPA 99 - HEALTH CARE FACILITIES CODE
2012 NFPA 101 - LIFE SAFETY CODE
2016 NFPA 110 - STANDARD OD EMERGENCY AND STANDBY POWER SYSTEMS

NURSING HOME REGULATIONS: △

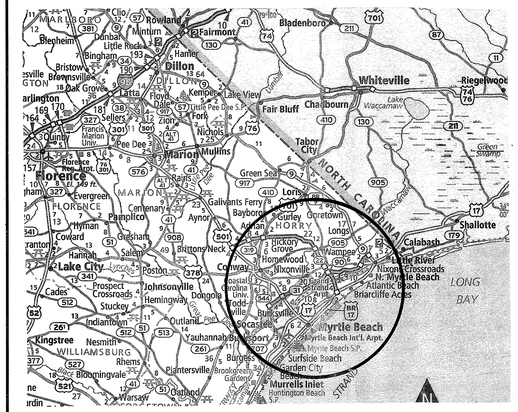
SOUTH CAROLINA REGULATION 61-17
STANDARDS FOR LICENSING NURSING HOMES

PRUITTHEALTH

GRANDE DUNES

Myrtle Beach, South Carolina

100 BED NURSING FACILITY



VICINITY MAP

SCHEDULE OF DRAWING

T 1- COVER SHEET

CIVIL

C 1.0- CIVIL COVER SHEET
C 2.0- GENERAL NOTES
C 3.0- EXISTING CONDITIONS
C 4.0- SITE PLAN
C 5.0- GRADING AND DRAINAGE PLAN
C 5.1- GRADING AND DRAINAGE PLAN 2
C 5.2- STORM PROFILES
C 6.0- UTILITY PLAN
C 6.1- SEWER PROFILES
C 7.0- E & SC PLAN
C 8.0- DETAILS 1
C 8.1- DETAILS 2
C 8.2- DETAILS 3
C 8.3- DETAILS 4
C 8.4- DETAILS 5

STRUCTURAL

S 1.1- PARTIAL FOUNDATION PLAN
S 1.2- PARTIAL FOUNDATION PLAN
S 1.3- PARTIAL FOUNDATION PLAN
S 1.4- PARTIAL FOUNDATION PLAN
S 1.5- PARTIAL FOUNDATION PLAN
S 1.6- PARTIAL FOUNDATION PLAN
S 1.7- PARTIAL FOUNDATION PLAN
S 1.8- PARTIAL FOUNDATION PLAN
S 1.9- PARTIAL FOUNDATION PLAN
S 2.1- PARTIAL FRAMING PLAN
S 2.2- PARTIAL FRAMING PLAN
S 2.3- PARTIAL FRAMING PLAN
S 2.4- PARTIAL FRAMING PLAN
S 2.5- PARTIAL FRAMING PLAN
S 2.6- PARTIAL FRAMING PLAN
S 2.7- PARTIAL FRAMING PLAN
S 2.8- PARTIAL FRAMING PLAN
S 2.9- PARTIAL FRAMING PLAN
S 3- STRUCTURAL DETAILS
S 4- STRUCTURAL DETAILS
S 5- STRUCTURAL DETAILS
S 6- STRUCTURAL DETAILS
S 7- STRUCTURAL DETAILS
S 8- STRUCTURAL DETAILS
S 9- STRUCTURAL DETAILS
S 10- STRUCTURAL BUILDING DATA, SPECIAL INSPECTIONS REQUIREMENTS, AND NOTES

ARCHITECTURAL

LS 1- LIFE SAFETY PLAN - GENERAL REQUIREMENTS
LS 2- LIFE SAFETY PLAN - OCCUPANCY CLASSIFICATIONS, EGRESS LOADS, AND TRAVEL DISTANCES
LS 3- LIFE SAFETY PLAN - SMOKE COMPARTMENT SIZES- AREA OF REFUSE
A 1- 1/16" SCALE COMPOSITE PLAN
A 1.1- ROOF PLAN
A 1.2- ENLARGE ROOF PLAN AT KITCHEN AREA / DETAILS
A 2- 1/8" SCALE PARTIAL FLOOR PLAN
A 3- 1/8" SCALE PARTIAL FLOOR PLAN
A 4- 1/8" SCALE PARTIAL FLOOR PLAN
A 5- 1/8" SCALE PARTIAL FLOOR PLAN
A 6- 1/8" SCALE PARTIAL FLOOR PLAN
A 7- 1/4" SCALE BEDROOM PLANS AND INTERIOR ELEVATIONS
A 8- 1/4" SCALE BEDROOM PLANS AND INTERIOR ELEVATIONS
A 9- 1/4" SCALE BEDROOM PLANS AND INTERIOR ELEVATIONS
A 10- INTERIOR BEDROOM ELEVATIONS AND DETAILS
A 11- 1/4" SCALE NURSES' STATIONS PLANS
A 12- 1/4" SCALE NOURISHMENT STATION AND RECEPTION AREA PLANS
A 13- 1/4" SCALE SPA / OFFICE SUITE AREA
A 14- 1/4" SCALE PHYSICAL THERAPY AREA
A 15- 1/4" SCALE KITCHEN AND LAUNDRY AREAS
A 16- INTERIOR ELEVATIONS
A 17- NURSES' STATION COUNTER PLANS AND INTERIOR ELEVATIONS
A 18- MISC. INTERIOR DETAILS
A 19- MISC. INTERIOR DETAILS
A 20- DOOR AND FRAME SCHEDULE
A 21- DOOR AND FRAME SCHEDULE
A 22- EXTERIOR ELEVATIONS
A 23- EXTERIOR ELEVATIONS
A 24- EXTERIOR ELEVATIONS
A 25- EXTERIOR ELEVATIONS
A 26- EXTERIOR ELEVATIONS
A 27- EXTERIOR ELEVATIONS
A 28- EXTERIOR ELEVATION DETAILS
A 29- WINDOW SCHEDULES AND DETAILS
A 30- INTERIOR WALL SECTIONS
A 31- GABLE END WALL SECTIONS
A 32- WINDOW WALL SECTIONS / EXTERIOR WALL SECTIONS
A 33- COLUMN SECTIONS AND MISC. CONSTRUCTION DETAILS
A 34- KITCHEN HOOD DETAILS
A 35- BUILDING CROSS-SECTIONS AND MISC. CONSTRUCTION DETAILS
A 36- EXTERIOR STORAGE BUILDING

FS 1- CONSTRUCTION ASSEMBLY DETAILS
FS 2- CONSTRUCTION ASSEMBLY DETAILS
FS 3- CONSTRUCTION ASSEMBLY DETAILS
FS 4- PENETRATION FIRE STOPPING DETAILS
FS 5- PENETRATION FIRE STOPPING DETAILS
FS 6- PENETRATION FIRE STOPPING DETAILS

INTERIOR DESIGNER

ID 1.0- COLOR SCHEDULE
ID 1.1- ROOM FINISH SCHEDULE
ID 2.0- OVERALL BUILDING FINISH PLAN
ID 3.0- INTERIOR ELEVATIONS
ID 3.1- INTERIOR ELEVATIONS
ID 3.2- INTERIOR ELEVATIONS
ID 3.3- INTERIOR ELEVATIONS
ID 3.4- INTERIOR ELEVATIONS AND DETAILS
ID 3.5- INTERIOR ELEVATIONS AND SECTIONS

PLUMBING

P 0.1- PLUMBING SCHEDULE, NOTES, AND ABBREVIATIONS
P 0.2- PLUMBING DETAILS
P 0.3- PLUMBING DETAILS
P 0.4- PLUMBING RISER DIAGRAM

PS 1.1- PARTIAL PLUMBING WASTE-VENT PLAN
PS 1.2- PARTIAL PLUMBING WASTE-VENT PLAN
PS 1.3- PARTIAL PLUMBING WASTE-VENT PLAN
PS 1.4- PARTIAL PLUMBING WASTE-VENT PLAN
PS 1.5- PARTIAL PLUMBING WASTE-VENT PLAN
PS 1.6- PARTIAL PLUMBING WASTE-VENT PLAN
PS 1.7- ENLARGED PLUMBING WASTE-VENT PLAN
PS 1.8- ENLARGED PLUMBING WASTE-VENT PLAN

PW 1.1- PARTIAL PLUMBING DOMESTIC WATER PLAN
PW 1.2- PARTIAL PLUMBING DOMESTIC WATER PLAN
PW 1.3- PARTIAL PLUMBING DOMESTIC WATER PLAN
PW 1.4- PARTIAL PLUMBING DOMESTIC WATER PLAN
PW 1.5- PARTIAL PLUMBING DOMESTIC WATER PLAN
PW 1.6- PARTIAL PLUMBING DOMESTIC WATER PLAN
PW 1.7- ENLARGED PLUMBING DOMESTIC WATER PLANS
PW 1.8- ENLARGED PLUMBING DOMESTIC WATER PLANS

MECHANICAL

M 0.1- MECHANICAL SCHEDULES, LEGEND, AND NOTES
M 0.2- MECHANICAL SCHEDULES
M 0.3- MECHANICAL SCHEDULES
M 0.4- MECHANICAL DETAILS
M 0.5A- VRF SYSTEM SCHEMATICS
M 0.5B- VRF SYSTEM SCHEMATICS
M 0.5C- VRF SYSTEM SCHEMATICS
M 0.5D- VRF SYSTEM SCHEMATICS
M 0.6- KITCHEN HOOD DETAILS
M 0.7- KITCHEN HOOD DETAILS
M 0.8- KITCHEN HOOD DETAILS
M 0.9- KITCHEN HOOD DETAILS

MH .1- PARTIAL MECHANICAL HVAC PLAN
MH .2- PARTIAL MECHANICAL HVAC PLAN
MH .3- PARTIAL MECHANICAL HVAC PLAN
MH .4- PARTIAL MECHANICAL HVAC PLAN
MH .5- PARTIAL MECHANICAL HVAC PLAN
MH .6- PARTIAL MECHANICAL HVAC PLAN
MH .7- ENLARGED MECHANICAL BEDROOM HVAC PLANS

MP .1- PARTIAL MECHANICAL PIPING PLAN
MP .2- PARTIAL MECHANICAL PIPING PLAN
MP .3- PARTIAL MECHANICAL PIPING PLAN
MP .4- PARTIAL MECHANICAL PIPING PLAN
MP .5- PARTIAL MECHANICAL PIPING PLAN
MP .6- PARTIAL MECHANICAL PIPING PLAN

ELECTRICAL

E 0.1- ELECTRICAL LEGENDS AND ABBREVIATIONS
E 0.2- ELECTRICAL GENERAL NOTES
E 0.3- ELECTRICAL SITE PLAN AND DETAILS
E 0.4- ELECTRICAL POWER RISER DIAGRAM
E 0.5- ELECTRICAL SCHEDULES
E 0.6- ELECTRICAL DETAILS
E 0.7- ELECTRICAL DETAILS
E 0.8- ELECTRICAL DETAILS
E 0.9- LIGHTING FIXTURE SCHEDULE
E 0.10- DECORATIVE LIGHT FIXTURE SCHEDULE
E 0.11- ELECTRICAL PANEL SCHEDULES
E 0.12- ELECTRICAL PANEL SCHEDULES
E 0.13- ELECTRICAL PANEL SCHEDULES
E 0.14- ELECTRICAL PANEL SCHEDULES
E 0.15- ELECTRICAL PANEL SCHEDULES
E 0.16- ELECTRICAL PANEL SCHEDULES
E 0.17- ELECTRICAL PANEL SCHEDULES

EP 1.1- PARTIAL ELECTRICAL POWER PLAN
EP 1.2- PARTIAL ELECTRICAL POWER PLAN
EP 1.3- PARTIAL ELECTRICAL POWER PLAN
EP 1.4- PARTIAL ELECTRICAL POWER PLAN
EP 1.5- PARTIAL ELECTRICAL POWER PLAN
EP 1.6- PARTIAL ELECTRICAL POWER PLAN
EP 1.7- PARTIAL ELECTRICAL ROOF PLAN
EP 1.7.1- PARTIAL POWER PLAN / GENERATOR DETAILS
EP 1.8- ELECTRICAL ATTIC POWER PLAN
EP 1.9- ENLARGED ELECTRICAL PLANS
EP 1.10- ENLARGED ELECTRICAL BEDROOM PLANS
EP 1.11- TELECOMM. ENLARGED PLANS

EL 1.1- PARTIAL ELECTRICAL LIGHTING PLAN
EL 1.2- PARTIAL ELECTRICAL LIGHTING PLAN
EL 1.3- PARTIAL ELECTRICAL LIGHTING PLAN
EL 1.4- PARTIAL ELECTRICAL LIGHTING PLAN
EL 1.5- PARTIAL ELECTRICAL LIGHTING PLAN
EL 1.6- PARTIAL ELECTRICAL LIGHTING PLAN
EL 1.7- ELECTRICAL ATTIC LIGHTING PLAN

ER 1.1- KITCHEN HOOD REFERENCE DRAWINGS
ER 1.2- KITCHEN HOOD REFERENCE DRAWINGS
ER 1.3- KITCHEN HOOD REFERENCE DRAWINGS
ER 1.4- KITCHEN HOOD REFERENCE DRAWINGS
ER 1.5- KITCHEN HOOD REFERENCE DRAWINGS
ER 1.6- KITCHEN HOOD REFERENCE DRAWINGS
ER 1.7- KITCHEN HOOD REFERENCE DRAWINGS
ER 1.8- KITCHEN HOOD REFERENCE DRAWINGS
ER 1.9- STRUCTURED CABLING PLAN
ER 1.10- CCTV SECURITY PLAN
ER 1.11- OVERHEAD PAGING PLAN
ER 1.12- TYPICAL DETAILS
ER 1.13- NURSE CALL SYSTEM PLAN
ER 1.14- NURSE CALL ELEVATIONS

FIRE ALARM

F 0.1- FIRE ALARM NOTES AND DETAILS
F 0.2- FIRE ALARM NOTES AND ZONE PLAN

FA 1.1- PARTIAL FIRE ALARM PLAN
FA 1.2- PARTIAL FIRE ALARM PLAN
FA 1.3- PARTIAL FIRE ALARM PLAN
FA 1.4- PARTIAL FIRE ALARM PLAN
FA 1.5- PARTIAL FIRE ALARM PLAN
FA 1.6- PARTIAL FIRE ALARM PLAN

STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-28-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED
NURSING FACILITY

△ REVISED: 04-18-2025 PER DHEC REVIEW COMMENTS

T
1

A. OCCUPANCY:
PRIMARY: I-2 (100 BED NURSING FACILITY)
ACCESSORY: A-2 (DINING ROOM/LIVING ROOMS, ETC.) / BUSINESS (OFFICES) / S-1 (MODERATE STORAGE)

OCCUPANCY CLASSIFICATION:
NON-SEPERATED MIXED OCCUPANCY

B. CONSTRUCTION TYPE: TYPE V A
SPRINKLERS: NFPA 13, W/ QUICK RESPONSE HEADS
BUILDING HEIGHT: ONE STORY

C. CONSTRUCTION DESCRIPTIONS:
1.) FLOORS - 4" CONCRETE SLAB ON GRADE.
2.) EXTERIOR WALLS - 2" X 6" WOOD STUDS W/ 5/8" FIRECODE GWB. ON INSIDE OF STUDS W/ 7/16" O.S.B. ON EXTERIOR SIDE. U.L. ASSEMBLY U-356 1-HR. RATED
3.) INTERIOR BEARING WALLS - 2" X 4" WOOD STUDS W/ 5/8" FIRECODE GWB ON EACH SIDE. U.L. ASSEMBLY U-305 1-HR. RATED
4.) INTERIOR NON-BEARING WALLS - 2" X 4" WOOD STUDS W/ 5/8" FIRECODE GWB ON EACH SIDE. U.L. ASSEMBLY U-305 1-HR. RATED
5.) FIRE BARRIER WALLS - 2" X 4" WOOD STUDS W/ 5/8" FIRECODE GWB ON EACH SIDE. U.L. ASSEMBLY U-305 1-HR. RATED
6.) SMOKE BARRIER WALLS - 2" X 4" WOOD STUDS W/ 5/8" FIRECODE GWB ON EACH SIDE. U.L. ASSEMBLY U-305 1-HR. RATED
7.) 2-HR. MASONRY FIREWALL / SMOKE BARRIER - 12" 75 % SOLID C.M.U. U.L. ASSEMBLY U-901 2-HR. RATED
8.) CANOPY/ PORCH COLUMNS - DOUBLE LAYER 5/8" FIRECODE GWB WRAP / U.L. ASSEMBLY X-528 1-HR. RATED
9.) CANOPY/ PORCH BEAMS - DOUBLE LAYER 5/8" FIRECODE GWB WRAP / U.L. BEAM ASSEMBLY N-502 1-HR. RATED
10.) INTERIOR COLUMNS - DOUBLE LAYER 5/8" FIRECODE GWB WRAP / U.L. ASSEMBLY X-528 1-HR. RATED
11.) INTERIOR BEAMS - DOUBLE LAYER 5/8" FIRECODE GWB WRAP / U.L. BEAM ASSEMBLY N-502 1-HR. RATED
12.) CEILING - MANUFACTURED WOOD TRUSSES W/ PLYWOOD DECK AND FIBERGLASS CLASS "A" SHINGLES / FIRE PROTECTION TO BE TWO LAYERS 5/8" FIRECODE GWB CEILING THROUGH-OUT / CEILING HUNG REGISTER OPENINGS TO BE PROTECTED W/U.L. RADIATION DAMPERS / GYPSUM ASSOCIATION RC 2602 - 1-HR. RATED

D. ALLOWABLE AREA: (TABLE 506.2)
I-2 (V A): 38,000 S.F. (SPRINKLED, 1-STORY)
A-2 (V A): 46,000 S.F. (SPRINKLED, 1-STORY))
B (V A): 72,000 S.F. (SPRINKLED, 1-STORY)
S-1 (V A): 56,000 S.F. (SPRINKLED, 1-STORY)

I-2 IS THE MOST RESTRICTIVE LIMITATION OF AREA FOR THE CONSTRUCTION TYPE.

E. PROPOSED BUILDING AREA:
BUILDING # 1 = 35,554 S.F. IS LESS THAN 38,000 S.F. ALLOWED
BUILDING # 2 = 30,154 S.F. IS LESS THAN 38,000 S.F. ALLOWED
BUILDING # 3 = 5,436 S.F. IS LESS THAN 38,000 S.F. ALLOWED
BUILDING # 4 = 10,589 S.F. IS LESS THAN 38,000 S.F. ALLOWED

TOTAL BUILDING S.F. = 81,733 S.F.

G. FIRE RESISTANT RATED CONSTRUCTION (CHAPTER 7)
1. EXTERIOR WALLS (DETAILS # 3203 & # 3204 TYPICAL)
   A. PERIMETER OPENINGS ALL EXCEED 30 FEET TO PROPERTY LINE - NO LIMIT ON UNPROTECTED OPENINGS PER TABLE 705.8.
2. FIREWALLS (706):
   A. FIREWALL CONSTRUCTION IS A 2-HOUR ASSEMBLY (DETAIL # 3001). (TABLE 706.4 NOTE a)
   B. FIREWALL TO EXTEND 3'-0" FROM FACE OF OUTSIDE WALL TO 3'-0" FACE OF OUTSIDE WALL AND TO 3'-0" ABOVE ROOF DECK.
3. FIRE BARRIERS (707):
   A. FIRE BARRIERS ARE 1-HOUR ASSEMBLIES.
   B. FIRE BARRIERS EXTEND FROM THE FLOOR SLAB TO THE UNDERSIDE OF THE 1-HR. FLOOR / CEILING ASSEMBLY ABOVE.
4. SMOKE BARRIERS (709):
   A. SMOKE BARRIERS ARE 1-HOUR ASSEMBLIES.
   B. SMOKE BARRIERS EXTEND FROM OUTSIDE WALL TO OUTSIDE WALL AND FLOOR SLAB TO ROOF DECK. (DETAIL # 3002)
5. OPENING PROTECTION (TABLE 716.5):
   A. TWO-HOUR FIREWALLS: 1 1/2-HOUR RATED DOORS
   B. ONE-HOUR FIRE BARRIERS: 3/4-HOUR RATED DOORS.
   C. ONE-HOUR SMOKE BARRIER: 20 MINUTE RATED DOORS.
6. DRAFTSTOPPING:
   ATTIC DRAFTSTOPPING IS NOT REQUIRED SINCE BUILDING IS PROTECTED WITH A NFPA 13 SPRINKLER SYSTEM IN ATTIC. (718.4.3 EXCEPTION))

H. INTERIOR FINISHES (CHAPTER 8)
1. WALL AND CEILING FINISHES (803)
   ALL INTERIOR WALL AND CEILING FINISHES ARE SPECIFIED TO BE CLASS "A" OR "B" WHICH EXCEEDS TABLE 803.11 REQUIREMENTS FOR OCCUPANCY TYPES I-2, A-2, B, AND S-1 WITHIN SPRINKLED BUILDINGS.
2. INTERIOR FLOOR FINISHES (804)
   ALL INTERIOR FLOOR FINISHES ARE SPECIFIED TO BE CLASS I OR II WHICH EXCEEDS 804.4.2. (EXCEPTION) FOR OCCUPANCY TYPES I-2, A-2, B, AND S-1 WITHIN SPRINKLERED BUILDINGS.

I. FIRE PROTECTION SYSTEM (CHAPTER 9)
1. AUTOMATIC SPRINKLER SYSTEM (903)
   THE BUILDING IS PROTECTED THROUGH-OUT WITH A NFPA-13 AUTOMATIC SPRINKLER SYSTEM.
2. ALTERNATE FIRE-EXTINGUISHING SYSTEM (904)
   THE COMMERCIAL COOKING HOOD IS PROTECTED WITH AN AUTOMATIC FIRE-EXTINGUISHING SYSTEM IN COMPLIANCE WITH NFPA 96 AND NFPA 17 OR 17A.
3. PORTABLE FIRE EXTINGUISHERS (906).
   PORTABLE FIRE EXTINGUISHERS ARE LOCATED THROUGH-OUT THE FACILITY AS REQUIRED BY NFPA 10, IBC. (906) AND TABLE 906.3(1)
4. FIRE ALARM / DETECTION SYSTEM (907).
   THE BUILDING IS PROTECTED THROUGH-OUT WITH AN AUTOMATIC FIRE DETECTION / ALARM SYSTEM WHICH COMPLIES WITH NFPA72.

J. MEANS OF EGRESS (CHAPTER 10).
1. OCCUPANCY LOAD ALLOWANCES (TABLE 1004.1.2)
   A. A-2 (WITH-OUT FIXED SEATS) 15 S.F. NET (TABLE / CHAIRS)
   B. B (OFFICES) 100 S.F. GROSS
   C. I-2
      1. OUTPATIENT AREA: NOT APPLICABLE
      2. SLEEPING AREAS: 120 GROSS
      3. INPATIENT TREATMENT AREAS: 240 GROSS
   D. S-1 3200 S.F. GROSS (ACCESSORY STORAGE)
2. EGRESS WIDTH PER OCCUPANT (TABLE 1005.3.2)
   A. I-2: 0.20" FOR LEVEL AND SPRINKLED
   B. THERE ARE NO STAIRWAYS.
3. EXIT SIGNS (1013)
   EXIT SIGNS PROVIDED AS REQUIRED AND ARE POWERED BY THE EMERGENCY ELECTRICAL GENERATOR.
4. EGRESS ILLUMINATION (1008)
   EGRESS ILLUMINATION PROVIDED AS REQUIRED AND ARE POWERED BY THE EMERGENCY ELECTRICAL GENERATOR.
5. CORRIDORS (1020)
   A. WIDTHS (TABLE 1020.2): 96 INCHES PROVIDED FOR I-2 WHICH IS THE MOST STRINGENT.
   B. DEAD END CORRIDORS (1020.4):
      NO DEAD END CORRIDORS ARE PROVIDED.

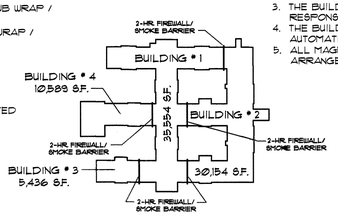
F. SPECIAL OCCUPANCY REQUIREMENTS (CHAPTER 4) - 407 GROUP I-2
1. CORRIDOR WALLS ARE NON-RATED AND CONSTRUCTED TO FORM A BARRIER TO LIMIT THE TRANSFER OF SMOKE (DETAIL # 3003) (407.3) IN ACCORDANCE W/ SECTION 710
2. THE BUILDING IS SUB-DIVIDED INTO SMOKE COMPARTMENTS WHICH DO NOT EXCEED 22,500 S.F. / HAVE TRAVEL DISTANCES WHICH DO NOT EXCEED 200 FEET, AND PROVIDE 30 NET SQUARE FEET OF REFUSE ON EA. SIDE OF ADJACENT COMP. (DTL. # 3002 (1-HR.) & # 3001 (2-HR.)) (407.5)
3. THE BUILDING IS PROTECTED THROUGH-OUT WITH AN NFPA-13 SPRINKLER SYSTEM AND QUICK RESPONSE HEADS (407.6)
4. THE BUILDING IS PROTECTED THROUGH-OUT WITH A NFPA 72 SMOKE DETECTION / NOTIFICATION AUTOMATIC FIRE ALARM SYSTEM (407.7 AND 407.8)
5. ALL MAGNETIC LOCKED EXTERIOR DOORS TO COMPLY WITH 8C5BC 407.12 SPECIAL LOCKING ARRANGEMENT FOR LICENSED GROUP I-2.

J. MEANS OF EGRESS (CHAPTER 10) (CONTINUED):
6. EGRESS DOOR SIZES (1010.1.1)
   ALL EGRESS DOORS ARE 3'-8" WIDE AND 7'-0" HIGH FOR I-2 OCCUPANCY (MOST STRINGENT X 6'-8" IS REQUIRED).
7. PANIC AND FIRE EXIT HARDWARE (1010.1.10)
   ALL EGRESS DOORS ARE SPECIFIED TO HAVE PANIC HARDWARE TO COMPLY WITH A-2 REQUIREMENT.
8. NUMBER OF EXITS (1006):
   A. ALL AREAS HAVE TWO MEANS OF EGRESS.
   B. PHYSICAL THERAPY # 110 EXCEEDS 750 S.F., THERFORE, TWO EXITS ARE PROVIDED FROM THESE ROOMS.
   C. ALL RESIDENT ROOMS OPEN TO THE CORRIDOR.
9. EXIT ACCESS TRAVEL DISTANCE (TABLE 1017.2)
   A. A-2: 250 FEET WITH SPRINKLERS
   B. B: 300 FEET WITH SPRINKLERS
   C. S-1: 250 FEET WITH SPRINKLERS
   D: I-2: 200 FEET WITH SPRINKLERS
   E. I-2: MORE STRINGENT AND USED.

10. CORRIDOR FIRE RESISTANCE RATINGS:
   A. A-2: 0-HOUR WITH SPRINKLERS
   B. B: 0-HOURS WITH SPRINKLERS
   C. I-2: 0-HOURS WITH SPRINKLERS
   D. S-1: 0 HOURS WITH SPRINKLERS

WALL RATING LEGEND
- 1-HOUR FIRE / SMOKE BARRIER (1-HR. F/S W)
- 1-HOUR FIRE BARRIER WALL (1-HR. FB W) REQUIRED BY TABLE 508 8C5BC
- 2-HOUR RATED FIREWALL / (2-HR. F.W.) SMOKE BARRIER
- SMOKE RESISTANT INCIDENTAL WALL (SR W)

LIFE SAFETY PLAN KEY:
- TYPICAL EXIT LIGHT
- WALL MOUNT EXIT LIGHT
- DOOR W/ PANIC HARDWARE

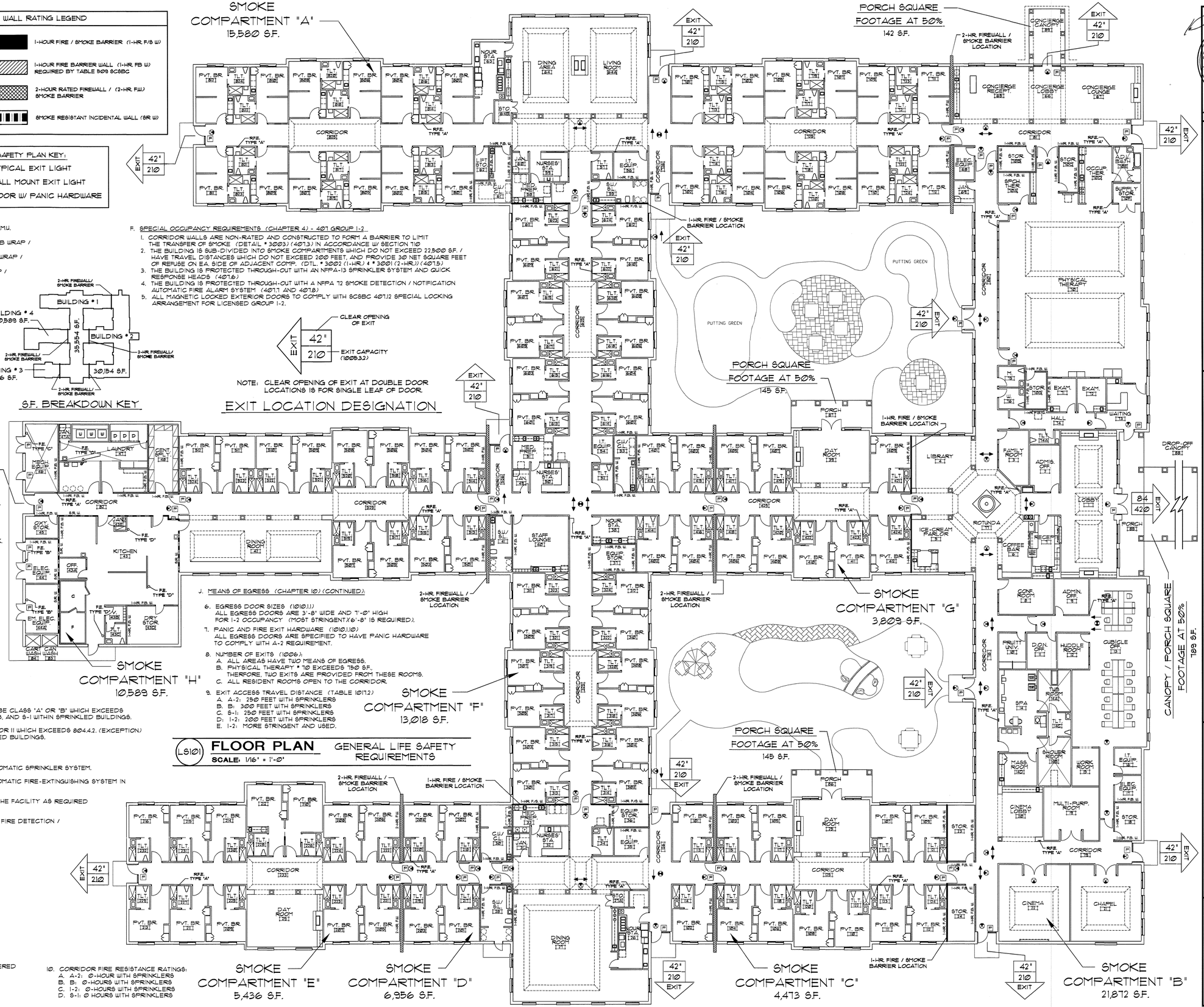


S.F. BREAKDOWN KEY

EXIT 42" 210 — CLEAR OPENING OF EXIT — EXIT CAPACITY (1009.3.2)

NOTE: CLEAR OPENING OF EXIT AT DOUBLE DOOR LOCATIONS IS FOR SINGLE LEAF OF DOOR.

EXIT LOCATION DESIGNATION



LS101 **FLOOR PLAN** SCALE: 1/16" = 1'-0" — GENERAL LIFE SAFETY REQUIREMENTS

STATE OF SOUTH CAROLINA — DAVID R. POLSTON — WILMINGTON, NC — NO. 4212 — REGISTERED ARCHITECT
4-15-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED NURSING FACILITY

LS 1

OCCUPANCY / EGRESS CALCULATIONS

A. BUSINESS OCCUPANCY (B):

EXAM. # 71 / EXAM. # 72-	261 S.F. / 100 = 3
ADMIS. OFFICE # 2-	181 S.F. / 100 = 2
OFFICE SUITE-	2,944 S.F. / 100 = 30
LAUNDRY # 47-	803 S.F. / 100 = 9

B. ASSEMBLY (A-2):

LIBRARY # 4 -	353 S.F. / 15 = 24
ICE-CREAM # 5-	382 S.F. / 15 = 26
CHAPEL # 21-	690 S.F. / 15 = 46
DAY ROOM # 25-	494 S.F. / 15 = 33
DINING ROOM # 27-	1,566 S.F. / 15 = 105
DAY ROOM # 29 -	494 S.F. / 15 = 33
DINING ROOM # 42 -	1,073 S.F. / 15 = 72
DAY ROOM # 39 -	494 S.F. / 15 = 33
DINING # 64 / LIVING # 64A	1,747 S.F. / 15 = 117
CONC. RECEPT. # 65 -	490 S.F. / 15 = 33
CONC. LOUNGE # 67 -	490 S.F. / 15 = 33

C. INSTITUTIONAL (I-2):

SLEEPING AREAS:	29,673 S.F. / 120 = 247
IN-PATIENT TREATMENT: AREA	4,023 S.F. / 240 = 17

D. MODERATE STORAGE (S-1):

STORAGE # 18-	135 S.F. / 300 = 1
STORAGE # 23-	204 S.F. / 300 = 1
STORAGE # 24-	204 S.F. / 300 =1
EQ. STORAGE # 36-	112 S.F. / 300 = 1
S.U. / S.L. # 28-	235 S.F. / 300 = 1
C.U. / C.L. # 30-	235 S.F. / 300 = 1
EQ. STORAGE # 37-	158 S.F. / 300 = 1
S.U. / S.L. # 41-	163 S.F. / 300 = 1
C.U. / C.L. # 53-	160 S.F. / 300 = 1
DRY STORAGE # 43D-	262 S.F. / 300 = 1
OXY. STORAGE # 45-	96 S.F. / 300 = 1
CENT. SUPPLY # 48-	271 S.F. / 300 = 1
S.U. / S.L. # 55	166 S.F. / 300 = 1
C.U./C.L. # 61-	207 S.F. / 300 = 1
STORAGE # 70B-	122 S.F. / 300 = 1
STORAGE # 70C-	113 S.F. / 300 = 1
STORAGE # 70G-	101 S.F. / 300 = 1

TOTAL OCCUPANCY LOAD: 880 PEOPLE

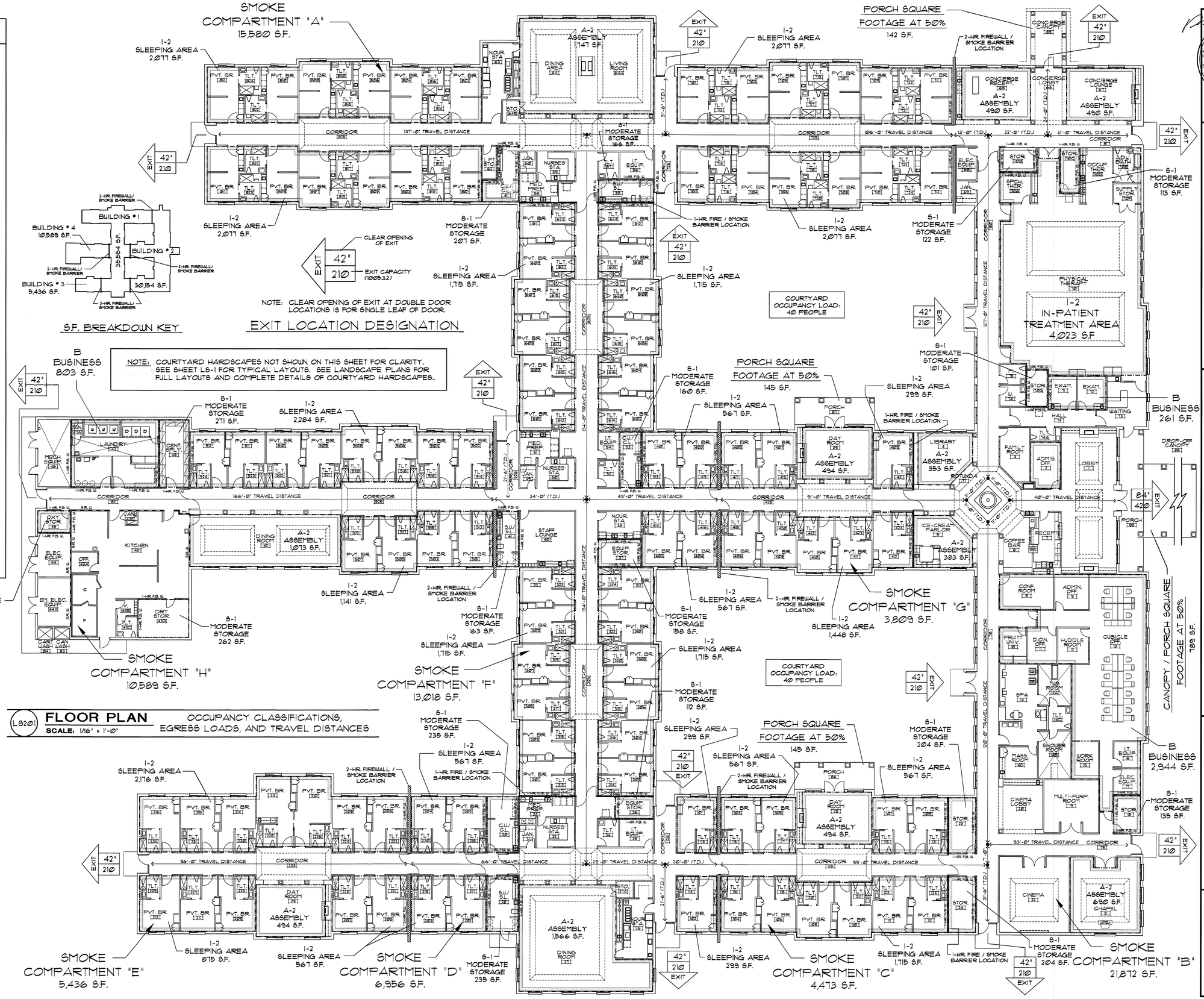
E. EGRESS CAPACITY:

1. CORRIDORS: 96" WIDE / 0.2" = 480 PEOPLE
2. EXITS PROVIDED: 11
3. EXIT WIDTHS = 10 AT 42" / 0.2" = 210 PEOPLE
   1 AT 84" / 0.2" = 420 PEOPLE
4. EXIT CAPACITY: 210 X 10 = 2,100 PEOPLE
   420 X 1 = 420 PEOPLE
   TOTAL = 2520 PEOPLE

F. RESIDENTIAL STORAGE:

EXTERIOR STORAGE BUILDING

604 S.F. / 100 = 6 S.F. PER PERSON



L5.2.01 **FLOOR PLAN** OCCUPANCY CLASSIFICATIONS, EGRESS LOADS, AND TRAVEL DISTANCES

SCALE: 1/16" = 1'-0"

WALL RATING LEGEND

- 1-HOUR FIRE / SMOKE BARRIER (1-HR. F/S W)
- 1-HOUR FIRE BARRIER WALL (1-HR. FB W) REQUIRED BY TABLE 509 SCSBC
- 2-HOUR RATED FIREWALL / (2-HR. F.W.) SMOKE BARRIER
- SMOKE RESISTANT INCIDENTAL WALL (SR W)

STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT

4.15.2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED NURSING FACILITY

L S 2

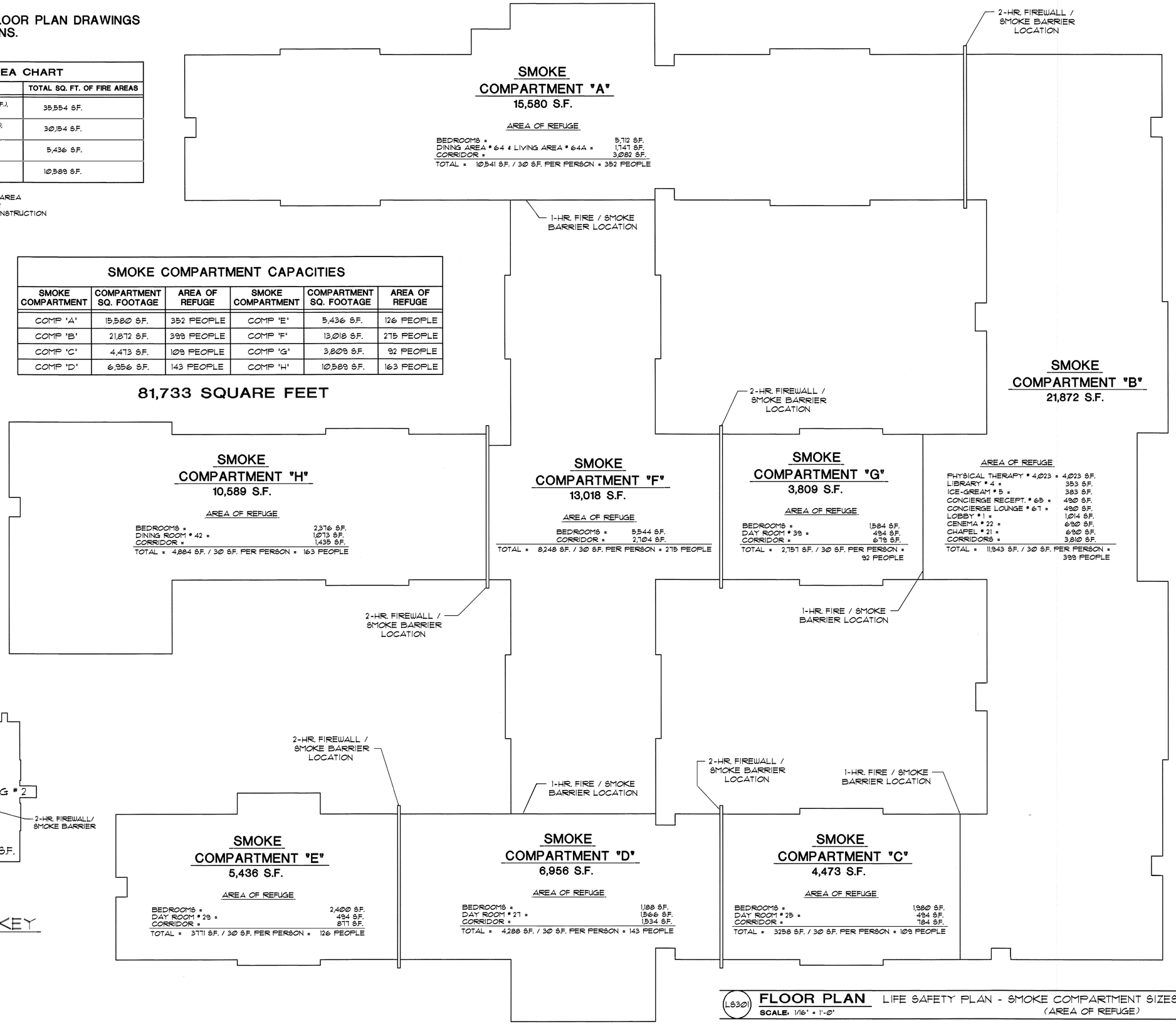
NOTE: SEE ARCHITECTURAL FLOOR PLAN DRAWINGS FOR BUILDING DIMENSIONS.

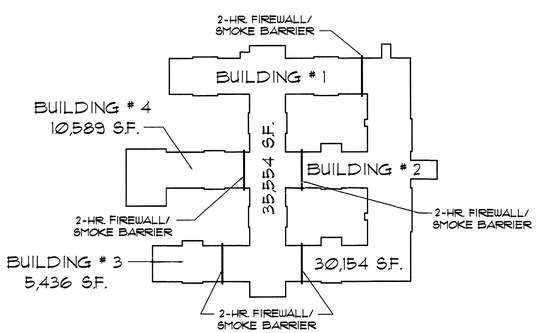
BUILDING FIRE AREA CHART		
FIRE AREA	SMOKE COMPARTMENTS	TOTAL SQ. FT. OF FIRE AREAS
AREA 'ONE'	SMOKE 'A' (15,580 S.F.), SMOKE 'D' (6,956 S.F.), AND SMOKE 'F' (13,018 S.F.)	35,554 S.F.
AREA 'TWO'	SMOKE 'B' (21,872 S.F.), SMOKE 'C' (4,473 S.F.), AND SMOKE 'G' (3,809 S.F.)	30,154 S.F.
AREA 'THREE'	SMOKE 'E' (5,436 S.F.)	5,436 S.F.
AREA 'FOUR'	SMOKE 'H' (10,589 S.F.)	10,589 S.F.

ALLOWABLE BUILDING AREA
FBC TABLE 506.2
I-2 OCCUPANCY, TYPE VA CONSTRUCTION
= 38,000 S.F.

SMOKE COMPARTMENT CAPACITIES					
SMOKE COMPARTMENT	COMPARTMENT SQ. FOOTAGE	AREA OF REFUGE	SMOKE COMPARTMENT	COMPARTMENT SQ. FOOTAGE	AREA OF REFUGE
COMP 'A'	15,580 S.F.	352 PEOPLE	COMP 'E'	5,436 S.F.	126 PEOPLE
COMP 'B'	21,872 S.F.	399 PEOPLE	COMP 'F'	13,018 S.F.	275 PEOPLE
COMP 'C'	4,473 S.F.	109 PEOPLE	COMP 'G'	3,809 S.F.	92 PEOPLE
COMP 'D'	6,956 S.F.	143 PEOPLE	COMP 'H'	10,589 S.F.	163 PEOPLE

81,733 SQUARE FEET





S.F. BREAKDOWN KEY

L6301 **FLOOR PLAN** LIFE SAFETY PLAN - SMOKE COMPARTMENT SIZES (AREA OF REFUGE)
SCALE: 1/16" = 1'-0"

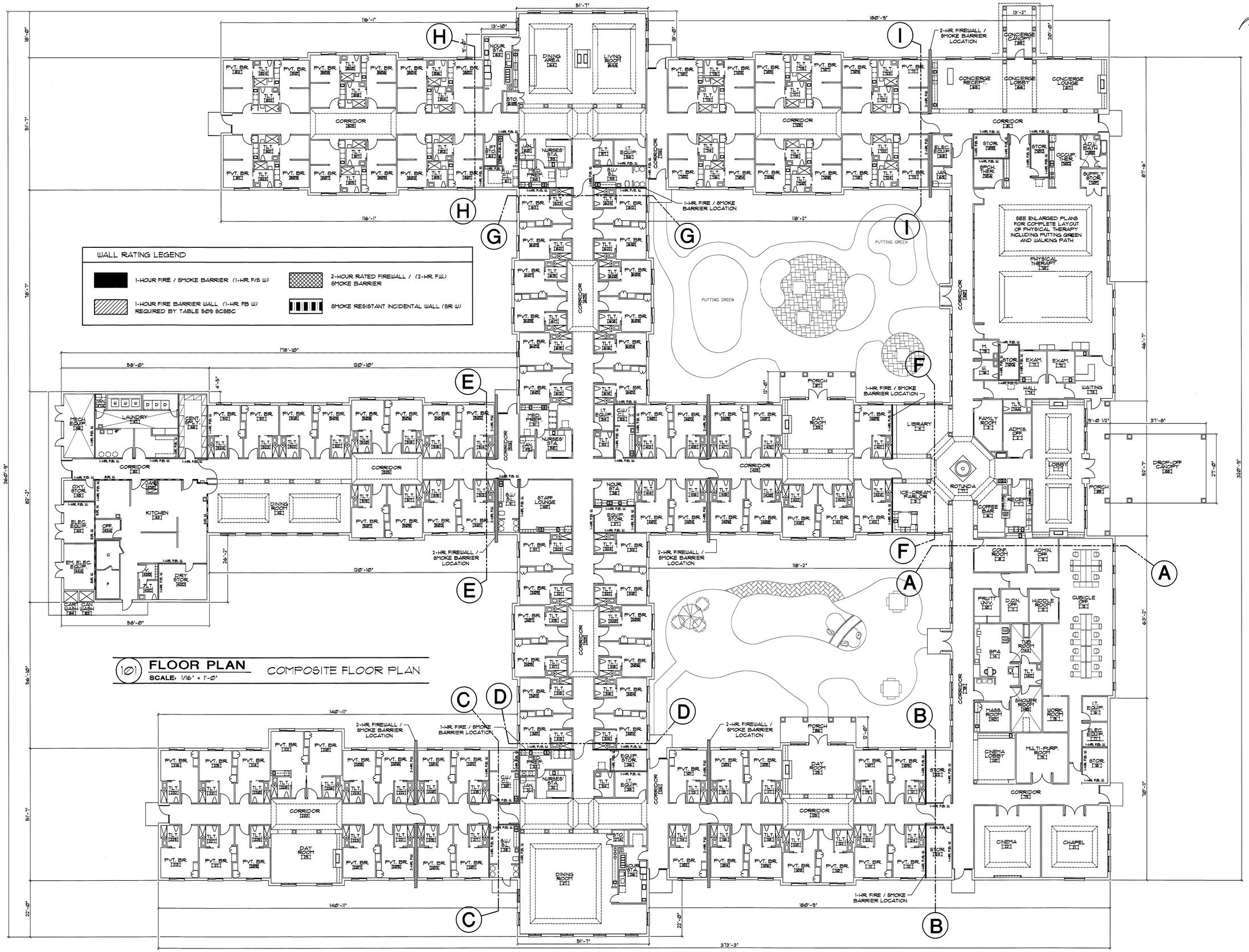
STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-15-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED
NURSING FACILITY

LS
3



101 FLOOR PLAN
SCALE: 1/16" = 1'-0"
COMPOSITE FLOOR PLAN

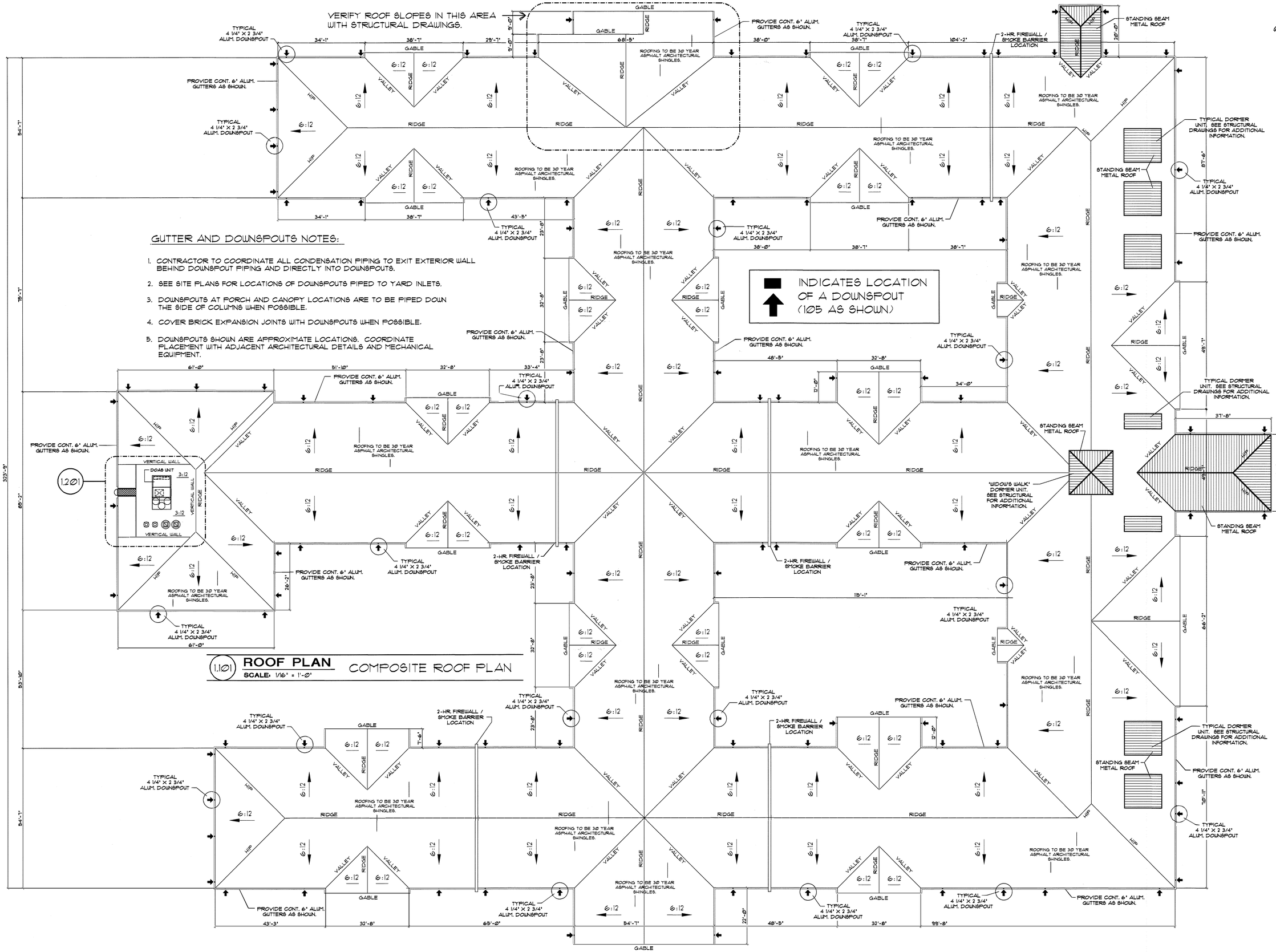
STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-15-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED NURSING FACILITY

A
1



GUTTER AND DOWNSPOUTS NOTES:

1. CONTRACTOR TO COORDINATE ALL CONDENSATION PIPING TO EXIT EXTERIOR WALL BEHIND DOWNSPOUT PIPING AND DIRECTLY INTO DOWNSPOUTS.
2. SEE SITE PLANS FOR LOCATIONS OF DOWNSPOUTS PIPED TO YARD INLETS.
3. DOWNSPOUTS AT PORCH AND CANOPY LOCATIONS ARE TO BE PIPED DOWN THE SIDE OF COLUMNS WHEN POSSIBLE.
4. COVER BRICK EXPANSION JOINTS WITH DOWNSPOUTS WHEN POSSIBLE.
5. DOWNSPOUTS SHOWN ARE APPROXIMATE LOCATIONS. COORDINATE PLACEMENT WITH ADJACENT ARCHITECTURAL DETAILS AND MECHANICAL EQUIPMENT.

1.101 **ROOF PLAN** COMPOSITE ROOF PLAN

SCALE: 1/16" = 1'-0"

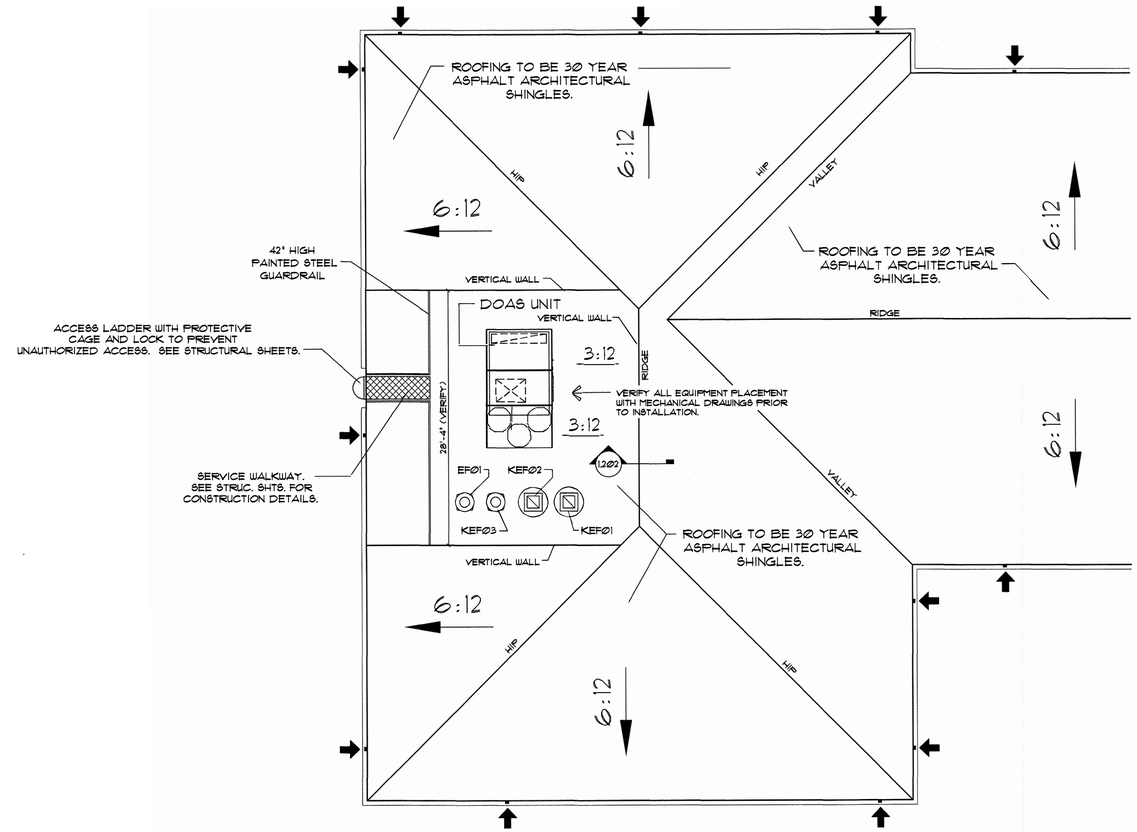
STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-15-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

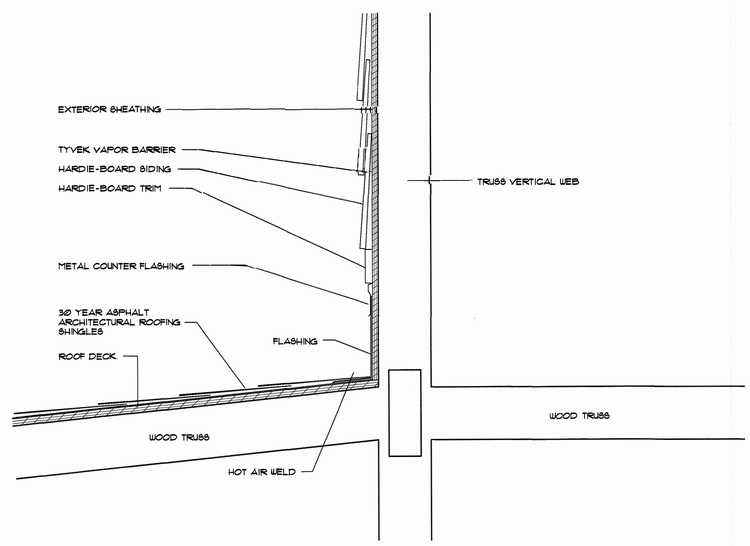
100 BED NURSING FACILITY

A 1.1



1.201 **FLOOR PLAN** PARTIAL ROOF PLAN - DOAS UNIT AT KITCHEN

SCALE: 1/8" = 1'-0"



1.202 **SECTION** DOAS UNIT PLATFORM DETAIL

SCALE: N.T.S.

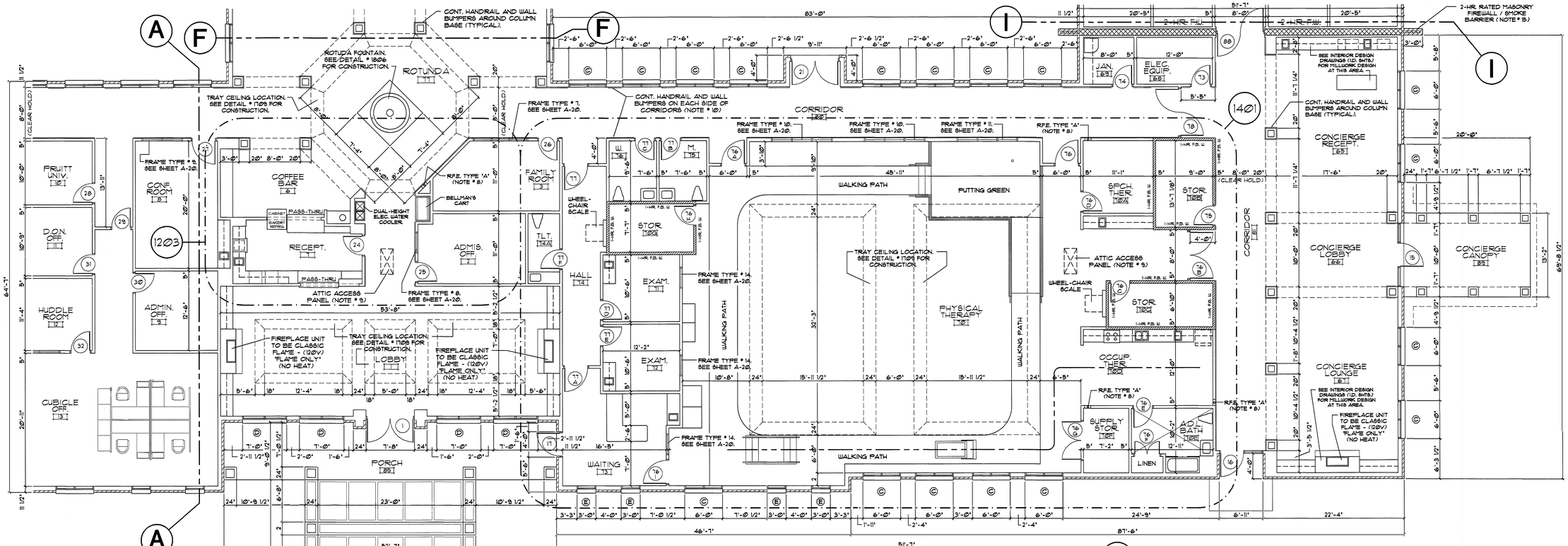
David R. Polston
STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-15-2020

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED
NURSING FACILITY

A
1.2



PLAN KEY

201 FLOOR PLAN — PARTIAL PLAN

SCALE: 1/8" = 1'-0"

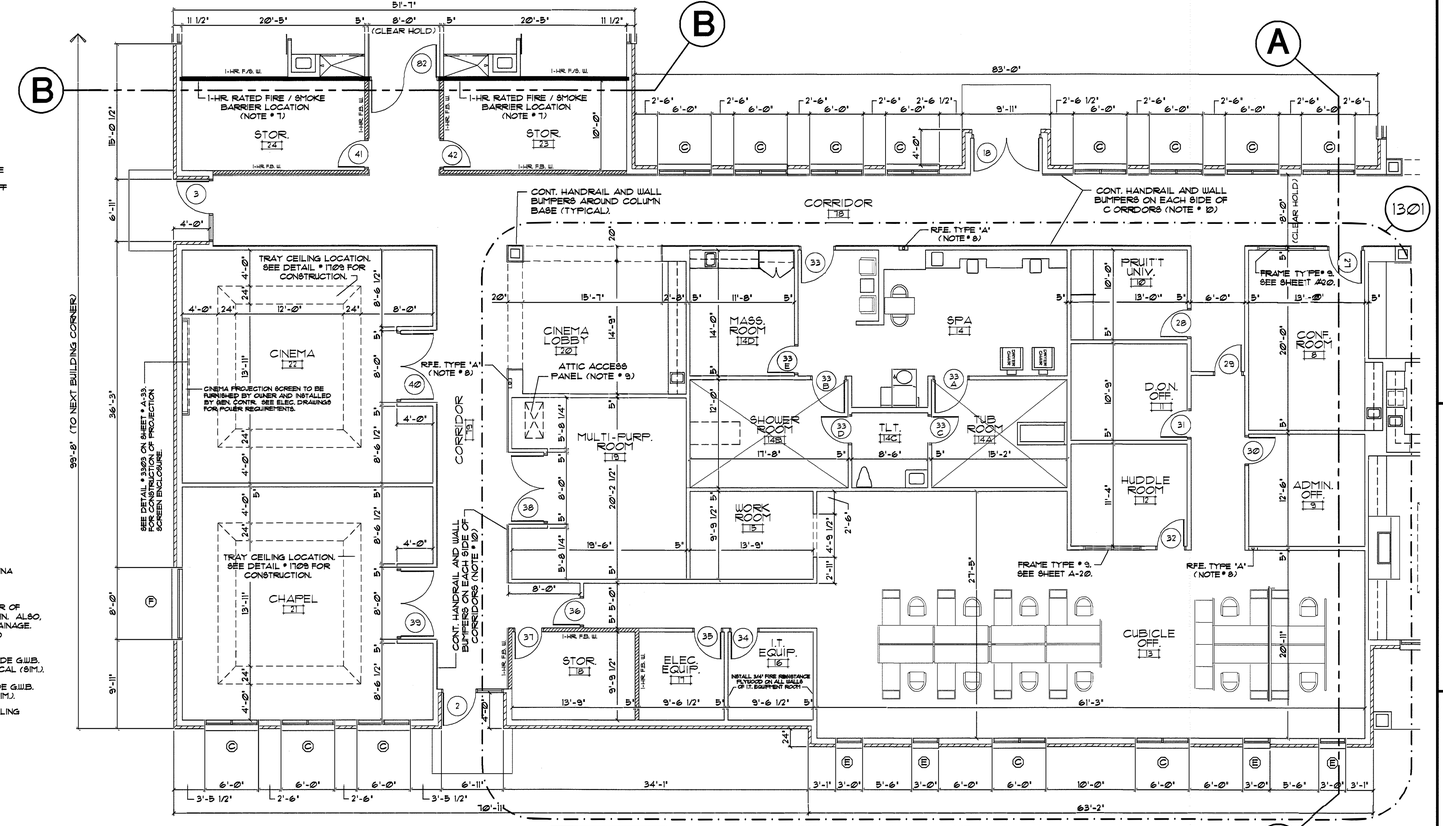
GENERAL FLOOR PLAN NOTES:

1. 5/8" TYPE "X" GWB. TO BE USED THROUGH-OUT THE BUILDING EXCEPT AT ALL TOILETS / BATH, SHOWER ROOM, TUB ROOM, SPA, KITCHEN AREA, LAUNDRY, CLEAN UTILITIES, SOIL UTILITIES, AND BEHIND ALL SINKS WHERE 5/8" TYPE "XP" MUST BE USED.
2. ALL EXTERIOR STUDS TO BE 2" X 6" WOOD STUDS AT 16" O.C. ALL INTERIOR LOAD-BEARING STUDS TO BE 2" X 4" WOOD STUDS AT 16" O.C. ALL INTERIOR NON-LOAD BEARING STUDS TO BE 2" X 4" WOOD STUDS AT 16" O.C.
3. ALL PARTITIONS WITH SEWER DRAINS AND VENTS OVER 2' IN DIAMETER MUST HAVE 2" X 6" MINIMUM STUDS.
4. PROVIDE THICKENED WALLS AS REQUIRED FOR ELECTRICAL PANELS AND RECESSED MECHANICAL EQUIPMENT.
5. LINE ALL WALLS OF CHASES FOR RECESSED ITEMS WITH 5/8" FIRECODE G.W.B. TO INSURE 1-HOUR RATING OF PARTITIONS.
6. GENERAL CONTRACTOR SHALL PROVIDE CONCEALED BLOCKING FOR TOILET ACCESSORIES, DOOR STOPS, GRAB BARS, T.V. MOUNTING BRACKETS, AND ETC.
7. ALL 1-HOUR FIRE / SMOKE BARRIERS (1-HR.F/S W) TO COMPLY W/ SOUTH CAROLINA STATE BUILDING CODES. SEE DETAIL # 3002 FOR CONSTRUCTION OF THESE PARTITIONS.
8. PROVIDE SEMI-RECESSED FIRE EXTINGUISHERS (R.F.E.) SEE FLOOR PLAN FOR LOCATION AND TYPE OF EXTINGUISHERS:

   TYPE 'A1' - 10lb. 4A 60 B-C (RECESSED) TYPE 'C' - 10lb. 4A 60 B-C (NOT RECESSED)
   TYPE 'B' - 20lb. BC 120 B-C (NOT RECESSED) TYPE 'D' - 2A:1B-C.K (NOT RECESSED)
9. PROVIDE 24" X 48 1-HR. RATED ATTIC ACCESS PANELS BY BABCOCK DAVIS FRD SERIES AS SHOWN ON THE FLOOR PLANS. SPACING OF TRUSSES AT ACCESS PANELS TO BE INCREASED AS PER MANUFACTURER'S INSTRUCTIONS AND STRUCTURAL DRAWINGS WRAP SIDES OF TRUSSES / BLOCKING WITH 5/8" FIRECODE TYPE "X" G.W.B. AS REQUIRED BY MANUFACTURER'S INSTRUCTIONS. COORDINATE LOCATIONS OF THESE ATTIC ACCESS PANELS W/ LOCATIONS OF ATTIC HVAC UNITS TO MEET CURRENT DISTANCE REQUIREMENTS. ALL ATTIC DOORS TO BE SELF-CLOSING.
10. CONTINUOUS HANDRAILS AND WALL GUARDS ON EACH SIDE OF THE CORRIDORS. HANDRAIL TO BE IN-PRO SERIES 3100. WALL GUARD TO BE IPC GUARD - MODEL # 16-100. VERIFY COLOR WITH INTERIOR DECORATOR PRIOR TO INSTALLATION. SEE DETAIL # 1809 FOR INSTALLATION. ALCOVES OPENING TO THE CORRIDOR WITHOUT HANDRAILS TO HAVE 3/4" X 7 1/4" WOOD BACKER-BOARD INSTALLED AROUND ALL PERIMETER WALLS FOR TRANSITION BETWEEN LOWER WALL PROTECTION AND UPPER WALL FINISH.
11. CONTRACTOR TO VERIFY ACCURACY OF ALL FLOOR PLANS, FOUNDATION PLAN, AND ROOF FRAMING PLAN PRIOR TO START OF CONSTRUCTION.
12. PROVIDE CONCRETE SLABS AT ALL EXTERIOR DOORS.
13. ALL JANITOR'S ROOMS TO HAVE (1) 18" VINYL COVERED WIRE SHELVES AS SHOWN. PROVIDE VINYL COVERED WIRE SHELVES IN OTHER ROOMS AS SHOWN (U.N.O.).
14. PROVIDE CEILING EXP. JOINTS @ 30'-0" O.C. / COORDINATE LOCATIONS WITH ARCHITECT BEFORE INSTALLATION. PROVIDE WALL EXPANSION JOINTS AT DOOR JAMBS @ 20'-0" O.C.
15. 2-HR. RATED MASONRY FIREWALL / SMOKE BARRIER (2-HR.F.W.) TO COMPLY W/ SOUTH CAROLINA STATE BUILDING CODES. SEE DETAIL # 3001 FOR CONSTRUCTION OF THESE WALLS.
16. CONTRACTOR TO SLOPE FLOOR OF TUB ROOM # 14A, SHOWER ROOM # 14B, LAUNDRY # 47, AND A.D.L. BATH # 12E. SEE PLUMBING PLANS FOR FLOOR DRAINS FOR KITCHEN # 43. SLOPE FLOOR OF THESE ROOMS TO PROVIDE POSITIVE DRAINAGE FROM ALL PERIMETER WALLS TO FLOOR DRAIN. ALSO, SLOPE FLOOR IN PATIENT TOILET ROOM SHOWERS AS SHOWN ON THE PLANS FOR POSITIVE DRAINAGE. RECESS SHOWER FLOOR SLABS AS REQUIRED TO PROVIDE COMPLETE POSITIVE DRAINAGE TO SHOWER DRAIN. SEE STRUCTURAL DRAWINGS FOR SHOWER RECESSED SLAB DETAILS.
17. INTERIOR / EXTERIOR STRUCTURAL BEAMS TO BE WRAPPED WITH TWO LAYERS OF 5/8" FIRECODE G.W.B. U.L. BEAM ASSEMBLY N-5123. 1-HOUR RATED. SEE SECTION # 3301 FOR DESCRIPTION OF TYPICAL (S.M.).
18. INTERIOR / EXTERIOR STRUCTURAL COLUMNS TO WRAPPED WITH TWO LAYERS OF 5/8" FIRECODE G.W.B. U.L. ASSEMBLY X-5128. 1-HOUR RATED. SEE SECTION # 3301 FOR DESCRIPTION OF TYPICAL (S.M.).
19. ALCOVES OPENING TO THE CORRIDORS SHALL HAVE SAME CORRIDOR FLOOR, WALL, AND CEILING FINISHES AS THE ADJACENT CORRIDOR.

WALL RATING LEGEND

- 1-HOUR FIRE / SMOKE BARRIER (1-HR. F/S W)
- 1-HOUR FIRE BARRIER WALL (1-HR. FB W) REQUIRED BY TABLE 509 SCBC
- 2-HOUR RATED FIREWALL / (2-HR. F.W.) SMOKE BARRIER
- SMOKE RESISTANT INCIDENTAL WALL (SR W)



202 FLOOR PLAN — PARTIAL PLAN

SCALE: 1/8" = 1'-0"

STATE OF SOUTH CAROLINA — DAVID R. POLSTON — WILMINGTON, NC — NO. 4212 — REGISTERED ARCHITECT

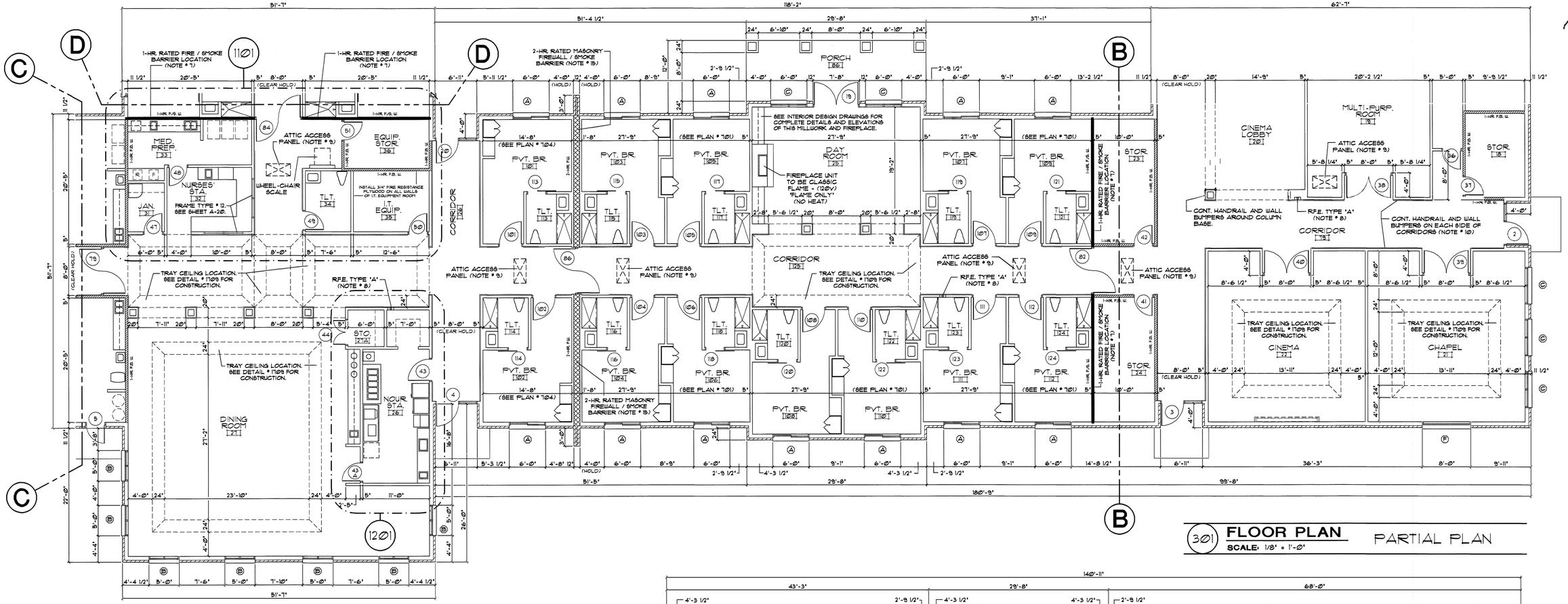
4-15-2015

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

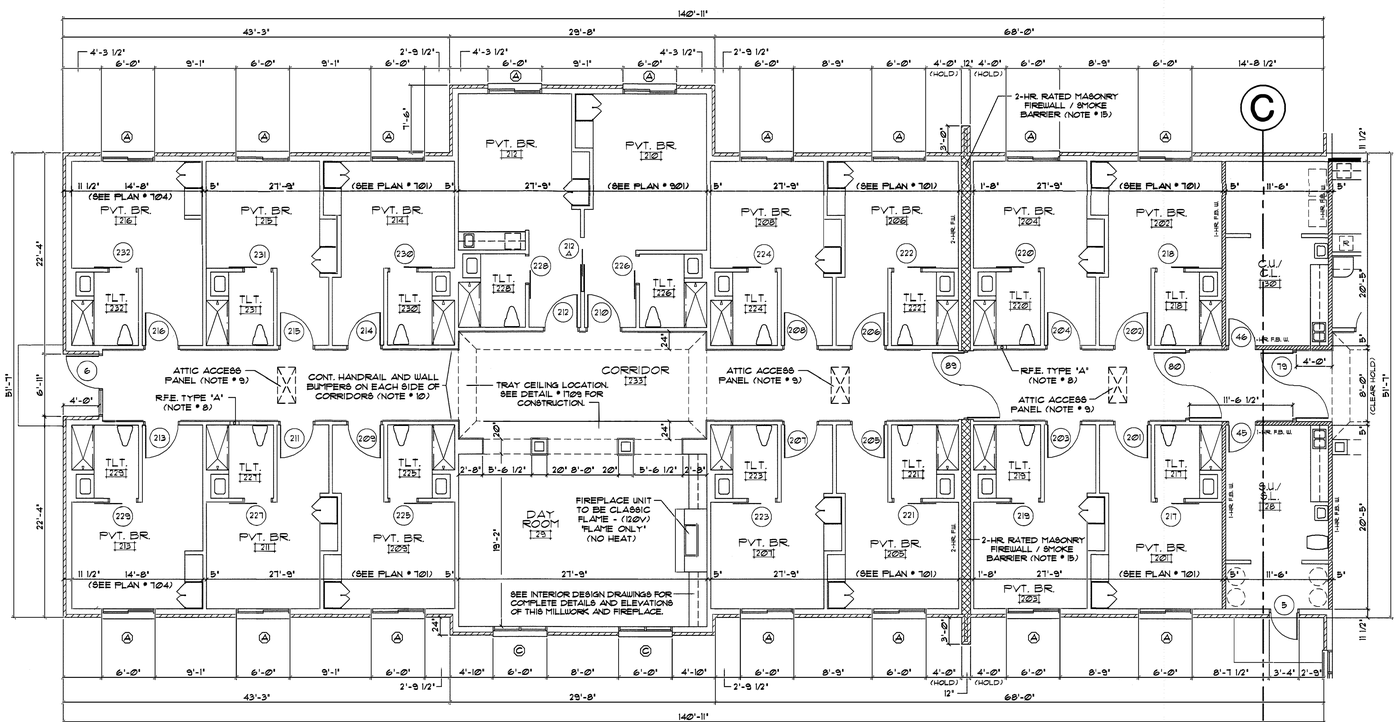
100 BED NURSING FACILITY

A 2



301 **FLOOR PLAN** PARTIAL PLAN

SCALE: 1/8" = 1'-0"



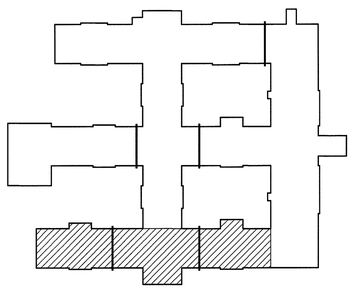
302 **FLOOR PLAN** PARTIAL PLAN

SCALE: 1/8" = 1'-0"

GENERAL FLOOR PLAN NOTES:

1. 5/8" TYPE 'X' G.W.B. TO BE USED THROUGH-OUT THE BUILDING EXCEPT AT ALL TOILETS / BATH, SHOWER ROOM, TUB ROOM, SPA, KITCHEN AREA, LAUNDRY, CLEAN UTILITIES, SOIL UTILITIES, AND BEHIND ALL SINKS WHERE 5/8" TYPE 'XP' MUST BE USED.
2. ALL EXTERIOR STUDS TO BE 2" X 6" WOOD STUDS AT 16" O.C. ALL INTERIOR LOAD-BEARING STUDS TO BE 2" X 4" WOOD STUDS AT 16" O.C. ALL INTERIOR NON-LOAD BEARING STUDS TO BE 2" X 4" WOOD STUDS AT 16" O.C.
3. ALL PARTITIONS WITH SEWER DRAINS AND VENTS OVER 2" IN DIAMETER MUST HAVE 2" X 6" MINIMUM STUDS.
4. PROVIDE THICKENED WALLS AS REQUIRED FOR ELECTRICAL PANELS AND RECESSED MECHANICAL EQUIPMENT.
5. LINE ALL WALLS OF CHASES FOR RECESSED ITEMS WITH 5/8" FIRECODE G.W.B. TO INSURE 1-HOUR RATING OF PARTITIONS.
6. GENERAL CONTRACTOR SHALL PROVIDE CONCEALED BLOCKING FOR TOILET ACCESSORIES, DOOR STOPS, GRAB BARS, T.V. MOUNTING BRACKETS, AND ETC.
7. ALL 1-HOUR FIRE / SMOKE BARRIERS (1-HR. F/S W) TO COMPLY W/ SOUTH CAROLINA STATE BUILDING CODES. SEE DETAIL * 3@@1 FOR CONSTRUCTION OF THESE PARTITIONS.
8. PROVIDE SEMI-RECESSED FIRE EXTINGUISHERS (RFE.) SEE FLOOR PLAN FOR LOCATION AND TYPE OF EXTINGUISHERS:

   TYPE 'A1' - 10lb. 4A 60 B.C (RECESSED) TYPE 'C' - 10lb. 4A 60 B.C (NOT RECESSED)
   TYPE 'B' - 20lb. 80 2B B.C (NOT RECESSED) TYPE 'D' - 2A.B.C.K (NOT RECESSED)
9. PROVIDE 24" X 48 1-HR. RATED ATTIC ACCESS PANELS BY BABCOCK DAVIS FRD SERIES AS SHOWN ON THE FLOOR PLANS. SPACING OF TRUSSES AT ACCESS PANELS TO BE INCREASED AS PER MANUFACTURER'S INSTRUCTIONS AND STRUCTURAL DRAWINGS WRAP SIDES OF TRUSSES / BLOCKING WITH 5/8" FIRECODE TYPE 'X' G.W.B. AS REQUIRED BY MANUFACTURER'S INSTRUCTIONS. COORDINATE LOCATION OF THESE ATTIC ACCESS PANELS W/ LOCATIONS OF ATTIC H.V.A.C. UNITS TO MEET CURRENT DISTANCE REQUIREMENTS. ALL ATTIC DOORS TO BE SELF-CLOSING.
10. CONTINUOUS HANDRAILS AND WALL GUARDS ON EACH SIDE OF THE CORRIDORS. HANDRAIL TO BE IN-PRO SERIES 3@@0. WALL GUARD TO BE IPC GUARD - MODEL * 16@@. VERIFY COLOR WITH INTERIOR DECORATOR PRIOR TO INSTALLATION. SEE DETAIL * 18@9 FOR INSTALLATION. ALCOVES OPENING TO THE CORRIDOR WITHOUT HANDRAILS TO HAVE 3/4" X 7 1/4" WOOD BACKER-BOARD INSTALLED AROUND ALL PERIMETER WALLS FOR TRANSITION BETWEEN LOWER WALL PROTECTION AND UPPER WALL FINISH.
11. CONTRACTOR TO VERIFY ACCURACY OF ALL FLOOR PLANS, FOUNDATION PLAN, AND ROOF FRAMING PLAN PRIOR TO START OF CONSTRUCTION.
12. PROVIDE CONCRETE SLABS AT ALL EXTERIOR DOORS.
13. ALL JANITOR'S ROOMS TO HAVE (1) 18" VINYL COVERED WIRE SHELVES AS SHOWN. PROVIDE VINYL COVERED WIRE SHELVES IN OTHER ROOMS AS SHOWN (U.N.O.).
14. PROVIDE CEILING EXP. JOINTS @ 20'-0" O.C. / COORDINATE LOCATIONS WITH ARCHITECT BEFORE INSTALLATION. PROVIDE WALL EXPANSION JOINTS AT DOOR JAMBS @ 20'-0" O.C.
15. 2-HR. RATED MASONRY FIREWALL / SMOKE BARRIER (2-HR. F.W.) TO COMPLY W/ SOUTH CAROLINA STATE BUILDING CODES. SEE DETAIL * 3@@1 FOR CONSTRUCTION OF THESE WALLS.
16. CONTRACTOR TO SLOPE FLOOR OF TUB ROOM * 14A, SHOWER ROOM * 14B, LAUNDRY * 47, AND A.D.L. BATH * 10E. SEE PLUMBING PLANS FOR FLOOR DRAINS FOR KITCHEN * 43. SLOPE FLOOR OF THESE ROOMS TO PROVIDE POSITIVE DRAINAGE FROM ALL PERIMETER WALLS TO FLOOR DRAIN. ALSO, SLOPE FLOOR IN PATIENT TOILET ROOM SHOWERS AS SHOWN ON THE PLANS FOR POSITIVE DRAINAGE. RECESS SHOWER FLOOR SLABS AS REQUIRED TO PROVIDE COMPLETE POSITIVE DRAINAGE TO SHOWER DRAIN. SEE STRUCTURAL DRAWINGS FOR SHOWER RECESSED SLAB DETAILS.
17. INTERIOR / EXTERIOR STRUCTURAL BEAMS TO BE WRAPPED WITH TWO LAYERS OF 5/8" FIRECODE G.W.B., U.L. BEAM ASSEMBLY N-5@2. 1-HOUR RATED. SEE SECTION * 33@7 FOR DESCRIPTION OF TYPICAL (S.I.M.).
18. INTERIOR / EXTERIOR STRUCTURAL COLUMNS TO WRAPPED WITH TWO LAYERS OF 5/8" FIRECODE G.W.B. U.L. ASSEMBLY X-5@8. 1-HOUR RATED. SEE SECTION * 33@7 FOR DESCRIPTION OF TYPICAL (S.I.M.).
19. ALCOVES OPENING TO THE CORRIDORS SHALL HAVE SAME CORRIDOR FLOOR, WALL, AND CEILING FINISHES AS THE ADJACENT CORRIDOR.



PLAN KEY

WALL RATING LEGEND

- 1-HOUR FIRE / SMOKE BARRIER (1-HR. F/S W)
- 1-HOUR FIRE BARRIER WALL (1-HR. FB W) REQUIRED BY TABLE 5@9 SCSBC
- 2-HOUR RATED FIREWALL / (2-HR. F.W.) SMOKE BARRIER
- SMOKE RESISTANT INCIDENTAL WALL (SR W)

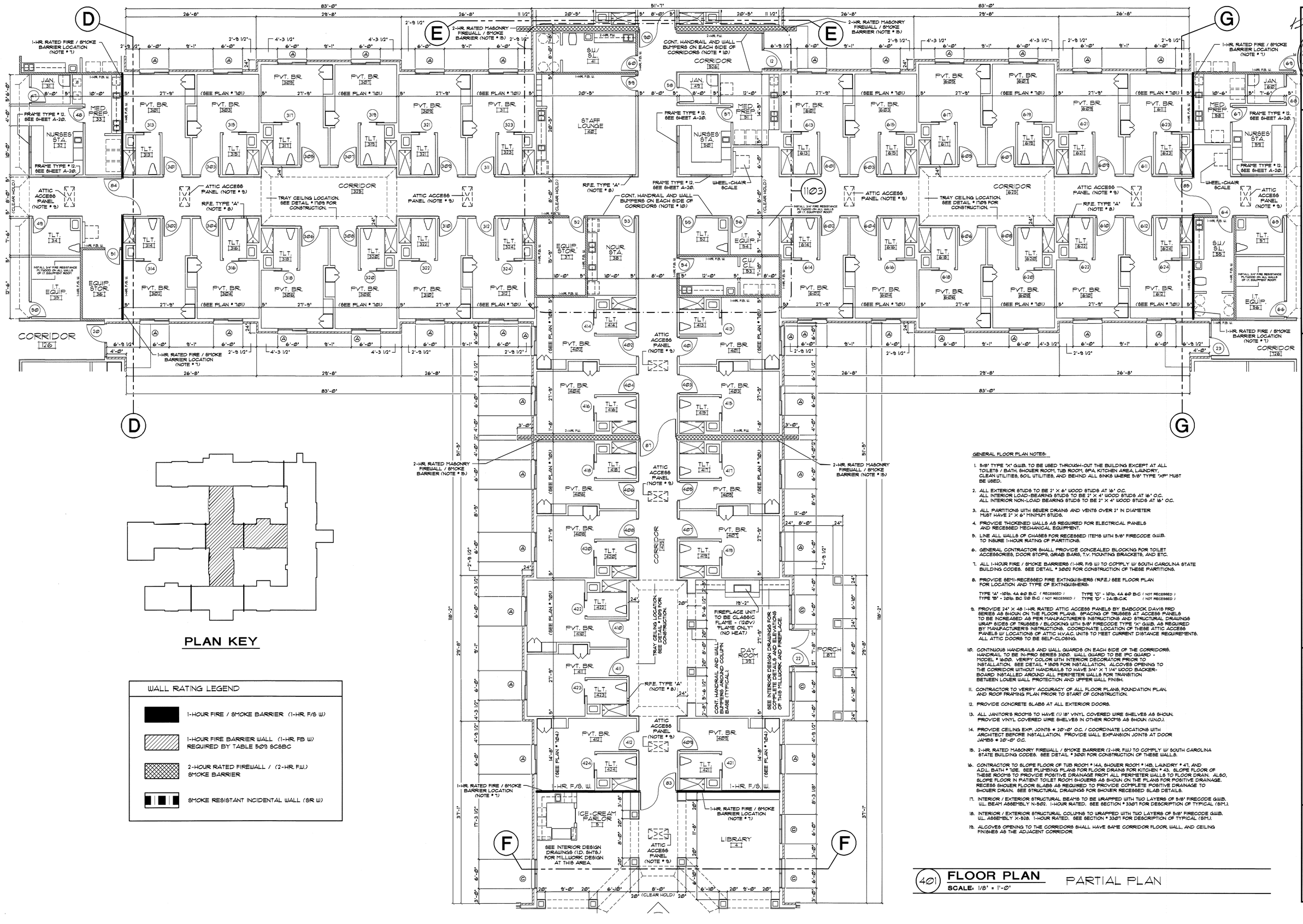
David R. Polston
STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-15-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED NURSING FACILITY

A 3



PLAN KEY

WALL RATING LEGEND

- 1-HOUR FIRE / SMOKE BARRIER (1-HR. F/S W)
- 1-HOUR FIRE BARRIER WALL (1-HR. FB W) REQUIRED BY TABLE 509 SCSBC
- 2-HOUR RATED FIREWALL / (2-HR. F.W.) SMOKE BARRIER
- SMOKE RESISTANT INCIDENTAL WALL (SR W)

GENERAL FLOOR PLAN NOTES:

1. 5/8" TYPE "X" G.W.B. TO BE USED THROUGH-OUT THE BUILDING EXCEPT AT ALL TOILETS / BATH, SHOWER ROOM, TUB ROOM, SPA, KITCHEN AREA, LAUNDRY, CLEAN UTILITIES, SOIL UTILITIES, AND BEHIND ALL SINKS WHERE 5/8" TYPE "XP" MUST BE USED.
2. ALL EXTERIOR STUDS TO BE 2" X 6" WOOD STUDS AT 16" O.C. ALL INTERIOR LOAD-BEARING STUDS TO BE 2" X 4" WOOD STUDS AT 16" O.C. ALL INTERIOR NON-LOAD BEARING STUDS TO BE 2" X 4" WOOD STUDS AT 16" O.C.
3. ALL PARTITIONS WITH SEWER DRAINS AND VENTS OVER 2" IN DIAMETER MUST HAVE 2" X 6" MINIMUM STUDS.
4. PROVIDE THICKENED WALLS AS REQUIRED FOR ELECTRICAL PANELS AND RECESSED MECHANICAL EQUIPMENT.
5. LINE ALL WALLS OF CHASES FOR RECESSED ITEMS WITH 5/8" FIRECODE G.W.B. TO INSURE 1-HOUR RATING OF PARTITIONS.
6. GENERAL CONTRACTOR SHALL PROVIDE CONCEALED BLOCKING FOR TOILET ACCESSORIES, DOOR STOPS, GRAB BARS, T.V. MOUNTING BRACKETS, AND ETC.
7. ALL 1-HOUR FIRE / SMOKE BARRIERS (1-HR. F/S W) TO COMPLY W/ SOUTH CAROLINA STATE BUILDING CODES. SEE DETAIL # 3202 FOR CONSTRUCTION OF THESE PARTITIONS.
8. PROVIDE SEMI-RECESSED FIRE EXTINGUISHERS (R.F.E.) SEE FLOOR PLAN FOR LOCATION AND TYPE OF EXTINGUISHERS:

   TYPE 'A' - 10lb. 4A 60 B-C (RECESSED) TYPE 'C' - 10lb. 4A 60 B-C (NOT RECESSED)
   TYPE 'B' - 20lb. BC 120 B-C (NOT RECESSED) TYPE 'D' - 2A10B-C.K (NOT RECESSED)
9. PROVIDE 24" X 48 1-HR. RATED ATTIC ACCESS PANELS BY BABCOCK DAVIS FRD SERIES AS SHOWN ON THE FLOOR PLANS. SPACING OF TRUSSES AT ACCESS PANELS TO BE INCREASED AS PER MANUFACTURER'S INSTRUCTIONS AND STRUCTURAL DRAWINGS WRAP SIDES OF TRUSSES / BLOCKING WITH 5/8" FIRECODE TYPE "X" G.W.B. AS REQUIRED BY MANUFACTURER'S INSTRUCTIONS. COORDINATE LOCATION OF THESE ATTIC ACCESS PANELS W/ LOCATIONS OF ATTIC H.V.A.C. UNITS TO MEET CURRENT DISTANCE REQUIREMENTS. ALL ATTIC DOORS TO BE SELF-CLOSING.
10. CONTINUOUS HANDRAILS AND WALL GUARDS ON EACH SIDE OF THE CORRIDORS. HANDRAIL TO BE IN-PRO SERIES 3100. WALL GUARD TO BE IPC GUARD - MODEL # 16030. VERIFY COLOR WITH INTERIOR DECORATOR PRIOR TO INSTALLATION. SEE DETAIL # 1808 FOR INSTALLATION. ALCOVES OPENING TO THE CORRIDOR WITHOUT HANDRAILS TO HAVE 3/4" X 7 1/4" WOOD BACKER-BOARD INSTALLED AROUND ALL PERIMETER WALLS FOR TRANSITION BETWEEN LOWER WALL PROTECTION AND UPPER WALL FINISH.
11. CONTRACTOR TO VERIFY ACCURACY OF ALL FLOOR PLANS, FOUNDATION PLAN, AND ROOF FRAMING PLAN PRIOR TO START OF CONSTRUCTION.
12. PROVIDE CONCRETE SLABS AT ALL EXTERIOR DOORS.
13. ALL JANITOR'S ROOMS TO HAVE (1) 18" VINYL COVERED WIRE SHELVES AS SHOWN. PROVIDE VINYL COVERED WIRE SHELVES IN OTHER ROOMS AS SHOWN (UNLESS NOTED)
14. PROVIDE CEILING EXP. JOINTS @ 30'-0" O.C. / COORDINATE LOCATIONS WITH ARCHITECT BEFORE INSTALLATION. PROVIDE WALL EXPANSION JOINTS AT DOOR JAMBS @ 20'-0" O.C.
15. 2-HR. RATED MASONRY FIREWALL / SMOKE BARRIER (2-HR. F.W.) TO COMPLY W/ SOUTH CAROLINA STATE BUILDING CODES. SEE DETAIL # 3201 FOR CONSTRUCTION OF THESE WALLS.
16. CONTRACTOR TO SLOPE FLOOR OF TUB ROOM # 14A, SHOWER ROOM # 14B, LAUNDRY # 41, AND A.D.L. BATH # 102. SEE PLUMBING PLANS FOR FLOOR DRAINS FOR KITCHEN # 43. SLOPE FLOOR OF THESE ROOMS TO PROVIDE POSITIVE DRAINAGE FROM ALL PERIMETER WALLS TO FLOOR DRAIN. ALSO, SLOPE FLOOR IN PATIENT TOILET ROOM SHOWERS AS SHOWN ON THE PLANS FOR POSITIVE DRAINAGE. RECESS SHOWER FLOOR SLABS AS REQUIRED TO PROVIDE COMPLETE POSITIVE DRAINAGE TO SHOWER DRAIN. SEE STRUCTURAL DRAWINGS FOR SHOWER RECESSED SLAB DETAILS.
17. INTERIOR / EXTERIOR STRUCTURAL BEAMS TO BE WRAPPED WITH TWO LAYERS OF 5/8" FIRECODE G.W.B. U.L. BEAM ASSEMBLY N-5072. 1-HOUR RATED. SEE SECTION # 3307 FOR DESCRIPTION OF TYPICAL (BM.)
18. INTERIOR / EXTERIOR STRUCTURAL COLUMNS TO WRAPPED WITH TWO LAYERS OF 5/8" FIRECODE G.W.B. U.L. ASSEMBLY X-528. 1-HOUR RATED. SEE SECTION # 3307 FOR DESCRIPTION OF TYPICAL (SPL.)
19. ALCOVES OPENING TO THE CORRIDORS SHALL HAVE SAME CORRIDOR FLOOR, WALL, AND CEILING FINISHES AS THE ADJACENT CORRIDOR.

401 FLOOR PLAN — PARTIAL PLAN

SCALE: 1/8" = 1'-0"

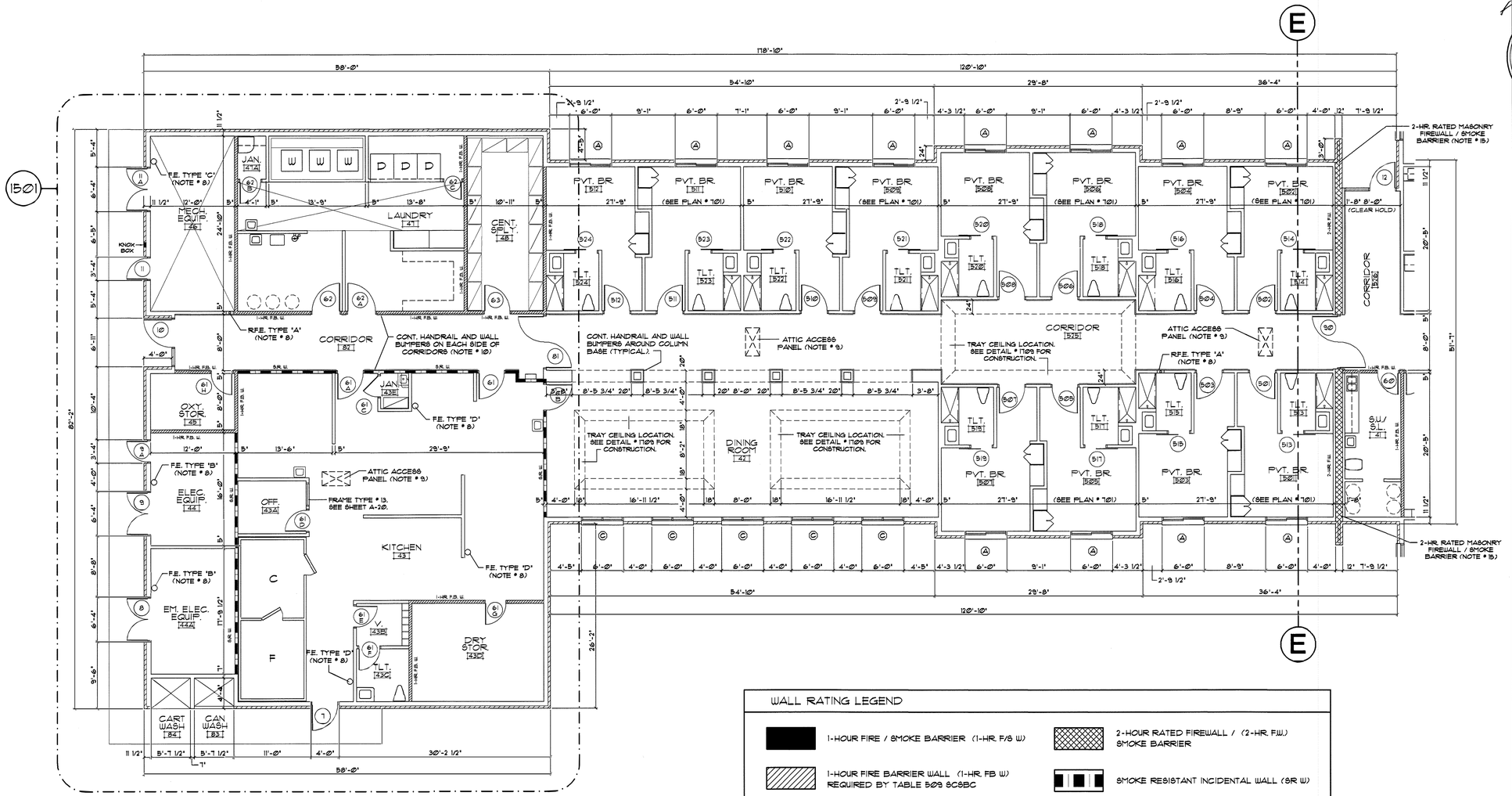
STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-15-2005

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED NURSING FACILITY

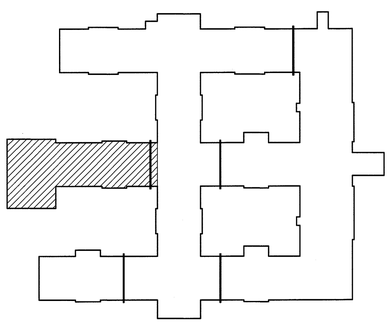
A 4



501 FLOOR PLAN

SCALE: 1/8" = 1'-0"

PARTIAL PLAN



PLAN KEY

WALL RATING LEGEND

- 1-HOUR FIRE / SMOKE BARRIER (1-HR. F/S W)
- 1-HOUR FIRE BARRIER WALL (1-HR. FB W) REQUIRED BY TABLE 509 SCSBC
- 2-HOUR RATED FIREWALL / (2-HR. FW.) SMOKE BARRIER
- SMOKE RESISTANT INCIDENTAL WALL (SR W)

GENERAL FLOOR PLAN NOTES:

1. 5/8" TYPE 'X' GWB. TO BE USED THROUGH-OUT THE BUILDING EXCEPT AT ALL TOILETS / BATH, SHOWER ROOM, TUB ROOM, SPA, KITCHEN AREA, LAUNDRY, CLEAN UTILITIES, SOIL UTILITIES, AND BEHIND ALL SINKS WHERE 5/8" TYPE 'XP' MUST BE USED.
2. ALL EXTERIOR STUDS TO BE 2" X 6" WOOD STUDS AT 16" O.C. ALL INTERIOR LOAD-BEARING STUDS TO BE 2" X 4" WOOD STUDS AT 16" O.C. ALL INTERIOR NON-LOAD BEARING STUDS TO BE 2" X 4" WOOD STUDS AT 16" O.C.
3. ALL PARTITIONS WITH SEWER DRAINS AND VENTS OVER 2" IN DIAMETER MUST HAVE 2" X 6" MINIMUM STUDS.
4. PROVIDE THICKENED WALLS AS REQUIRED FOR ELECTRICAL PANELS AND RECESSED MECHANICAL EQUIPMENT.
5. LINE ALL WALLS OF CHASES FOR RECESSED ITEMS WITH 5/8" FIRECODE G.W.B. TO INSURE 1-HOUR RATING OF PARTITIONS.
6. GENERAL CONTRACTOR SHALL PROVIDE CONCEALED BLOCKING FOR TOILET ACCESSORIES, DOOR STOPS, GRAB BARS, T.V. MOUNTING BRACKETS, AND ETC.
7. ALL 1-HOUR FIRE / SMOKE BARRIERS (1-HR. F/S W) TO COMPLY W/ SOUTH CAROLINA STATE BUILDING CODES. SEE DETAIL # 3002 FOR CONSTRUCTION OF THESE PARTITIONS.
8. PROVIDE SEMI-RECESSED FIRE EXTINGUISHERS (R.F.E.) SEE FLOOR PLAN FOR LOCATION AND TYPE OF EXTINGUISHERS.

   TYPE 'A' - 10lb. 4A 60 B.C. (RECESSED) TYPE 'C' - 10lb. 4A 60 B.C (NOT RECESSED)
   TYPE 'B' - 20lb. BC 120 B.C (NOT RECESSED) TYPE 'D' - 2A:1B.C.K (NOT RECESSED)
9. PROVIDE 24" X 48 1-HR. RATED ATTIC ACCESS PANELS BY BABCOCK DAVIS FRD SERIES AS SHOWN ON THE FLOOR PLANS. SPACING OF TRUSSES AT ACCESS PANELS TO BE INCREASED AS PER MANUFACTURER'S INSTRUCTIONS AND STRUCTURAL DRAWINGS WRAP SIDES OF TRUSSES / BLOCKING WITH 5/8" FIRECODE TYPE 'X' GWB. AS REQUIRED BY MANUFACTURER'S INSTRUCTIONS. COORDINATE LOCATION OF THESE ATTIC ACCESS PANELS W/ LOCATIONS OF ATTIC H.V.A.C. UNITS TO MEET CURRENT DISTANCE REQUIREMENTS. ALL ATTIC DOORS TO BE SELF-CLOSING.
10. CONTINUOUS HANDRAILS AND WALL GUARDS ON EACH SIDE OF THE CORRIDORS. HANDRAIL TO BE IN-PRO SERIES 3100. WALL GUARD TO BE IPG GUARD - MODEL # 1600. VERIFY COLOR WITH INTERIOR DECORATOR PRIOR TO INSTALLATION. SEE DETAIL # 1809 FOR INSTALLATION. ALCOVES OPENING TO THE CORRIDOR WITHOUT HANDRAILS TO HAVE 3/4" X 7 1/4" WOOD BACKER-BOARD INSTALLED AROUND ALL PERIMETER WALLS FOR TRANSITION BETWEEN LOWER WALL PROTECTION AND UPPER WALL FINISH.
11. CONTRACTOR TO VERIFY ACCURACY OF ALL FLOOR PLANS, FOUNDATION PLAN, AND ROOF FRAMING PLAN PRIOR TO START OF CONSTRUCTION.
12. PROVIDE CONCRETE SLABS AT ALL EXTERIOR DOORS.
13. ALL JANITOR'S ROOMS TO HAVE (1) 18" VINYL COVERED WIRE SHELVES AS SHOWN. PROVIDE VINYL COVERED WIRE SHELVES IN OTHER ROOMS AS SHOWN (U.N.O.).
14. PROVIDE CEILING EXP. JOINTS @ 20'-0" O.C. / COORDINATE LOCATIONS WITH ARCHITECT BEFORE INSTALLATION. PROVIDE WALL EXPANSION JOINTS AT DOOR JAMBS @ 20'-0" O.C.
15. 2-HR. RATED MASONRY FIREWALL / SMOKE BARRIER (2-HR. F.W.) TO COMPLY W/ SOUTH CAROLINA STATE BUILDING CODES. SEE DETAIL # 3001 FOR CONSTRUCTION OF THESE WALLS.
16. CONTRACTOR TO SLOPE FLOOR OF TUB ROOM # 14A, SHOWER ROOM # 14B, LAUNDRY # 47, AND A.D.L. BATH # 102. SEE PLUMBING PLANS FOR FLOOR DRAINS FOR KITCHEN # 43. SLOPE FLOOR OF THESE ROOMS TO PROVIDE POSITIVE DRAINAGE FROM ALL PERIMETER WALLS TO FLOOR DRAIN. ALSO, SLOPE FLOOR IN PATIENT TOILET ROOM SHOWERS AS SHOWN ON THE PLANS FOR POSITIVE DRAINAGE. RECESS SHOWER FLOOR SLABS AS REQUIRED TO PROVIDE COMPLETE POSITIVE DRAINAGE TO SHOWER DRAIN. SEE STRUCTURAL DRAWINGS FOR SHOWER RECESSED SLAB DETAILS.
17. INTERIOR / EXTERIOR STRUCTURAL BEAMS TO BE WRAPPED WITH TWO LAYERS OF 5/8" FIRECODE G.W.B. U.L. BEAM ASSEMBLY N-502. 1-HOUR RATED. SEE SECTION # 3301 FOR DESCRIPTION OF TYPICAL (SIM.).
18. INTERIOR / EXTERIOR STRUCTURAL COLUMNS TO WRAPPED WITH TWO LAYERS OF 5/8" FIRECODE G.W.B. U.L. ASSEMBLY X-528. 1-HOUR RATED. SEE SECTION # 3301 FOR DESCRIPTION OF TYPICAL (SIM.).
19. ALCOVES OPENING TO THE CORRIDORS SHALL HAVE SAME CORRIDOR FLOOR, WALL, AND CEILING FINISHES AS THE ADJACENT CORRIDOR.

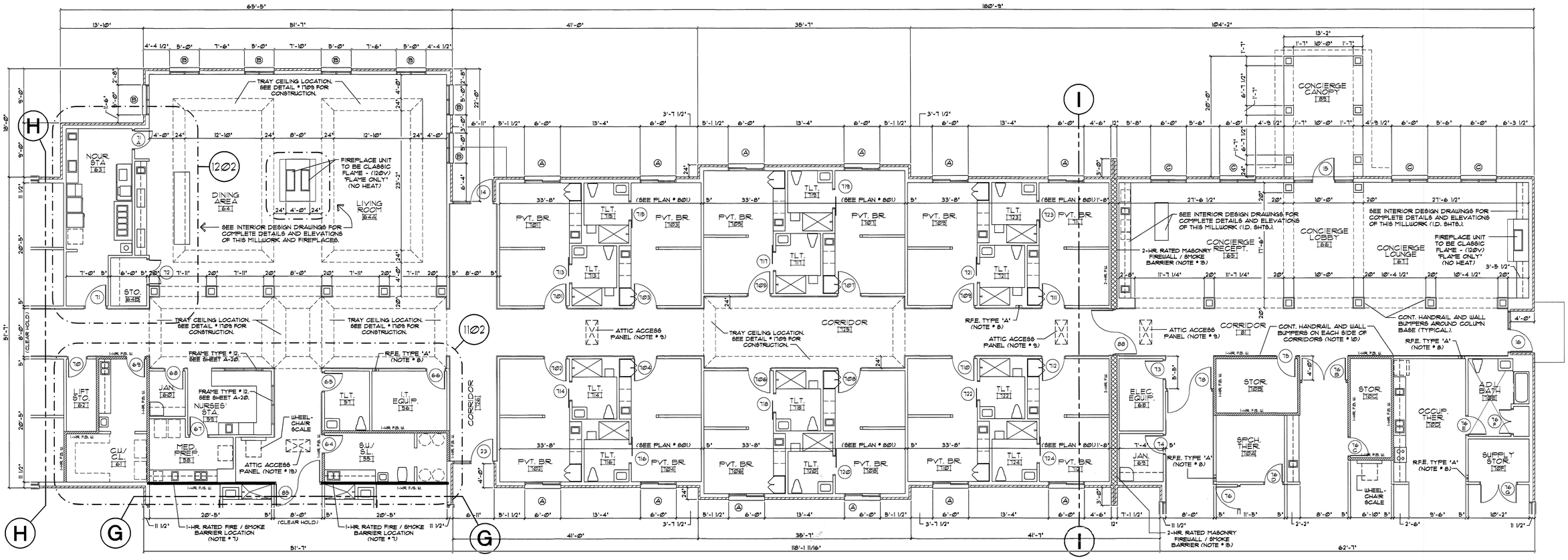
STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-15-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED
NURSING FACILITY

A 5



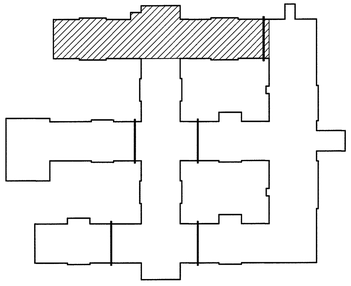
601 FLOOR PLAN — PARTIAL PLAN

SCALE: 1/8" = 1'-0"

GENERAL FLOOR PLAN NOTES:

1. 5/8" TYPE 'X' G.W.B. TO BE USED THROUGH-OUT THE BUILDING EXCEPT AT ALL TOILETS / BATH, SHOWER ROOM, TUB ROOM, SPA, KITCHEN AREA, LAUNDRY, CLEAN UTILITIES, SOIL UTILITIES, AND BEHIND ALL SINKS WHERE 5/8" TYPE 'XF' MUST BE USED.
2. ALL EXTERIOR STUDS TO BE 2" X 6" WOOD STUDS AT 16" O.C.
   ALL INTERIOR LOAD-BEARING STUDS TO BE 2" X 4" WOOD STUDS AT 16" O.C.
   ALL INTERIOR NON-LOAD BEARING STUDS TO BE 2" X 4" WOOD STUDS AT 16" O.C.
3. ALL PARTITIONS WITH SEWER DRAINS AND VENTS OVER 2" IN DIAMETER MUST HAVE 2" X 6" MINIMUM STUDS.
4. PROVIDE THICKENED WALLS AS REQUIRED FOR ELECTRICAL PANELS AND RECESSED MECHANICAL EQUIPMENT.
5. LINE ALL WALLS OF CHASES FOR RECESSED ITEMS WITH 5/8" FIRECODE G.W.B. TO INSURE 1-HOUR RATING OF PARTITIONS.
6. GENERAL CONTRACTOR SHALL PROVIDE CONCEALED BLOCKING FOR TOILET ACCESSORIES, DOOR STOPS, GRAB BARS, T.V. MOUNTING BRACKETS, AND ETC.
7. ALL 1-HOUR FIRE / SMOKE BARRIERS (1-HR. F/S W) TO COMPLY W/ SOUTH CAROLINA STATE BUILDING CODES. SEE DETAIL # 3/602 FOR CONSTRUCTION OF THESE PARTITIONS.
8. PROVIDE SEMI-RECESSED FIRE EXTINGUISHERS (R.F.E.) SEE FLOOR PLAN FOR LOCATION AND TYPE OF EXTINGUISHERS:

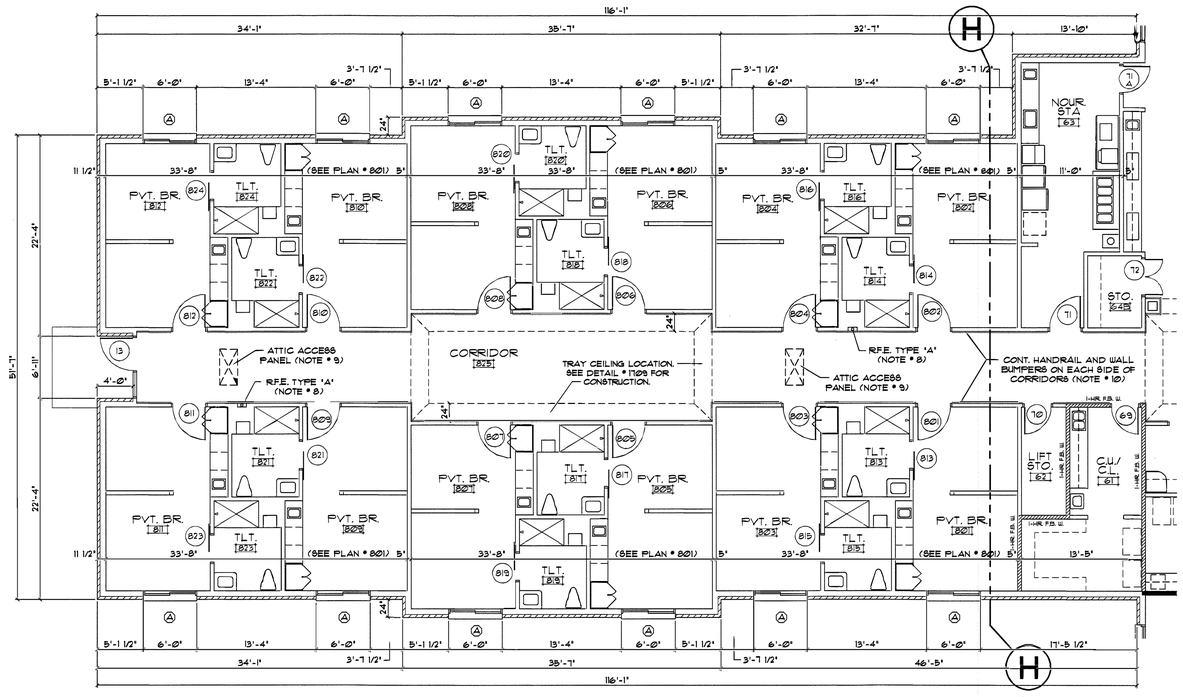
   TYPE 'A' - 10lb. 4A 60 B:C (RECESSED) TYPE 'C' - 10lb. 4A 60 B:C (NOT RECESSED)
   TYPE 'B' - 20lb. BC 120 B:C (NOT RECESSED) TYPE 'D' - 2A:1B:C.K (NOT RECESSED)
9. PROVIDE 24" X 48 1-HR. RATED ATTIC ACCESS PANELS BY BABCOCK DAVIS FRD SERIES AS SHOWN ON THE FLOOR PLANS. SPACING OF TRUSSES AT ACCESS PANELS TO BE INCREASED AS PER MANUFACTURER'S INSTRUCTIONS AND STRUCTURAL DRAWINGS WRAP SIDES OF TRUSSES / BLOCKING WITH 5/8" FIRECODE TYPE 'X' G.W.B. AS REQUIRED BY MANUFACTURER'S INSTRUCTIONS. COORDINATE LOCATION OF THESE ATTIC ACCESS PANELS W/ LOCATIONS OF ATTIC H.V.A.C. UNITS TO MEET CURRENT DISTANCE REQUIREMENTS. ALL ATTIC DOORS TO BE SELF-CLOSING.
10. CONTINUOUS HANDRAILS AND WALL GUARDS ON EACH SIDE OF THE CORRIDORS. HANDRAIL TO BE IN-PRO SERIES 3100. WALL GUARD TO BE IPC GUARD - MODEL # 1600. VERIFY COLOR WITH INTERIOR DECORATOR PRIOR TO INSTALLATION. SEE DETAIL # 1809 FOR INSTALLATION. ALCOVES OPENING TO THE CORRIDOR WITHOUT HANDRAILS TO HAVE 3/4" X 7 1/4" WOOD BACKER-BOARD INSTALLED AROUND ALL PERIMETER WALLS FOR TRANSITION BETWEEN LOWER WALL PROTECTION AND UPPER WALL FINISH.
11. CONTRACTOR TO VERIFY ACCURACY OF ALL FLOOR PLANS, FOUNDATION PLAN, AND ROOF FRAMING PLAN PRIOR TO START OF CONSTRUCTION.
12. PROVIDE CONCRETE SLABS AT ALL EXTERIOR DOORS.
13. ALL JANITOR'S ROOMS TO HAVE (1) 18" VINYL COVERED WIRE SHELVES AS SHOWN. PROVIDE VINYL COVERED WIRE SHELVES IN OTHER ROOMS AS SHOWN (U.N.O.).
14. PROVIDE CEILING EXP. JOINTS @ 20'-0" O.C. / COORDINATE LOCATIONS WITH ARCHITECT BEFORE INSTALLATION. PROVIDE WALL EXPANSION JOINTS AT DOOR JAMBS @ 20'-0" O.C.
15. 2-HR. RATED MASONRY FIREWALL / SMOKE BARRIER (2-HR. F.W.) TO COMPLY W/ SOUTH CAROLINA STATE BUILDING CODES. SEE DETAIL # 3/601 FOR CONSTRUCTION OF THESE WALLS.
16. CONTRACTOR TO SLOPE FLOOR OF TUB ROOM # 14A, SHOWER ROOM # 14B, LAUNDRY # 47, AND A.D.L. BATH # 108. SEE PLUMBING PLANS FOR FLOOR DRAINS FOR KITCHEN # 43. SLOPE FLOOR OF THESE ROOMS TO PROVIDE POSITIVE DRAINAGE FROM ALL PERIMETER WALLS TO FLOOR DRAIN. ALSO, SLOPE FLOOR IN PATIENT TOILET ROOM SHOWERS AS SHOWN ON THE PLANS FOR POSITIVE DRAINAGE. RECESS SHOWER FLOOR SLABS AS REQUIRED TO PROVIDE COMPLETE POSITIVE DRAINAGE TO SHOWER DRAIN. SEE STRUCTURAL DRAWINGS FOR SHOWER RECESSED SLAB DETAILS.
17. INTERIOR / EXTERIOR STRUCTURAL BEAMS TO BE WRAPPED WITH TWO LAYERS OF 5/8" FIRECODE G.W.B. U.L. BEAM ASSEMBLY N-5012. 1-HOUR RATED. SEE SECTION # 3/301 FOR DESCRIPTION OF TYPICAL (B.I.M.).
18. INTERIOR / EXTERIOR STRUCTURAL COLUMNS TO WRAPPED WITH TWO LAYERS OF 5/8" FIRECODE G.W.B. U.L. ASSEMBLY X-528. 1-HOUR RATED. SEE SECTION # 3/301 FOR DESCRIPTION OF TYPICAL (B.I.M.).
19. ALCOVES OPENING TO THE CORRIDORS SHALL HAVE SAME CORRIDOR FLOOR, WALL, AND FINISHES AS THE ADJACENT CORRIDOR.



PLAN KEY

WALL RATING LEGEND

- 1-HOUR FIRE / SMOKE BARRIER (1-HR. F/S W)
- 1-HOUR FIRE BARRIER WALL (1-HR. FB W) REQUIRED BY TABLE 509 SCSBC
- 2-HOUR RATED FIREWALL / (2-HR. F.W.) SMOKE BARRIER
- SMOKE RESISTANT INCIDENTAL WALL (SR W)



602 FLOOR PLAN — PARTIAL PLAN

SCALE: 1/8" = 1'-0"

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

STATE OF SOUTH CAROLINA — DAVID R. POLSTON — WILMINGTON, NC — NO. 4212 — REGISTERED ARCHITECT

4-15-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

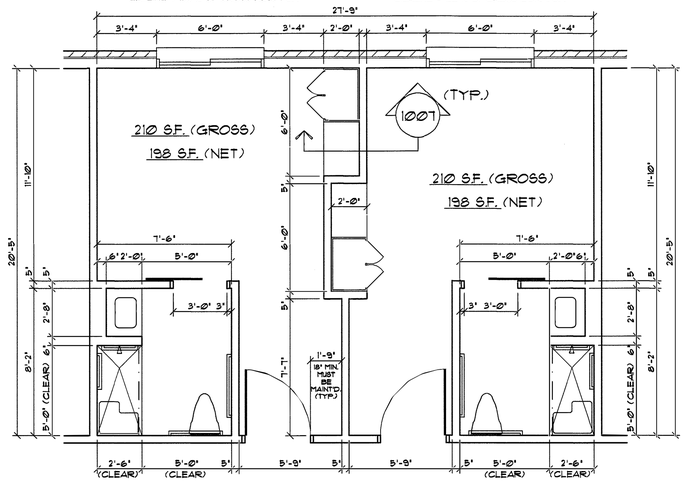
100 BED NURSING FACILITY

A 6

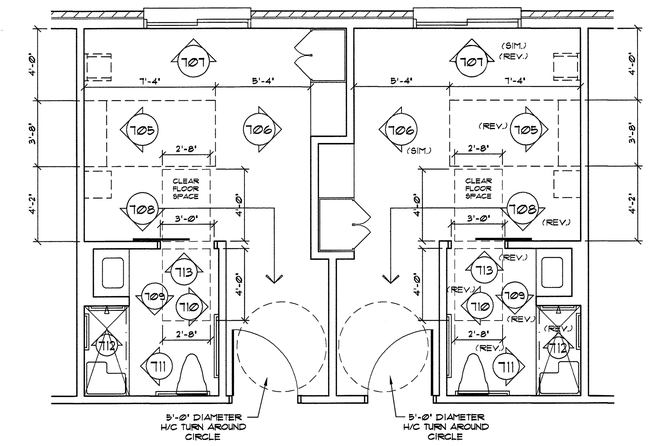
TOILET ACCESSORIES SCHEDULE				(ALL TOILET ACCESSORIES ARE BASIS OF DESIGN)			
△	DESCRIPTION	MANUF.	CATALOG NO.	△	DESCRIPTION	MANUF.	CATALOG NO.
1	GRAB BAR- 1 1/2" X 42" LONG	BOBRICK	B- 6806 x 42"	10	ROBE HOOK	MOEN	DN6803BN
2	GRAB BAR- 1 1/2" X 24" LONG	BOBRICK	B- 6806 x 24"	11	SHOWER CURTAIN ROD	BOBRICK	B- 6107
3	GRAB BAR- 1 1/2" X 36" LONG	BOBRICK	B-6806 x 36"	12	PRIVACY CURTAIN TRACK	ARNCO	1200
4	GRAB BAR- 1 1/2" X 12" LONG	BOBRICK	B- 6806 x 12"	13	MOP HOOK RACK	BY OWNER	——
5	GRAB BAR- 1 1/2" X 48" LONG	BOBRICK	B- 6806 x 48"	14	SHOWER SEAT	SEACHROME	SSR-260225 (NW)
6	TOWEL BAR- 24" LONG	MOEN	DN6824BN	15	MIRROR - 23 1/2" X 31 1/2"	GATCO	43298 SATIN NICKEL FINISH
7	TOILET PAPER DISPENSER	MOEN	DN6808BN	16	TUB SEAT	BY OWNER	
8	SOAP DISPENSER- WALL MNTED.	BY OWNER	INSTALL BY G.C.	17	SHOWER SEAT	SEACHROME	SSR-320225 (NW)
9	PAPER TOWEL DISPENSER	BY OWNER	INSTALL BY G.C.	18	HAND SANITIZER DISP.	BY OWNER	INSTALL BY G.C.

TOILET ACCESSORY NOTES:

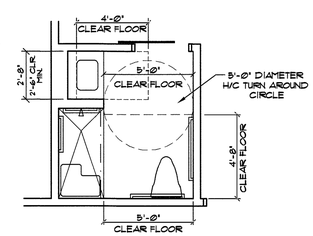
1. SEE 1/4" SCALE FLOORPLANS AND INTERIOR ELEVATION FOR LOCATION OF TOILET ACCESSORIES.
2. G.C. SHALL PROVIDE CONCEALED BLOCKING IN WALLS AND ABOVE CEILING AS REQUIRED FOR SECURE MOUNTING OF ACCESSORIES.
3. PROVIDE MOP HOOK RACKS IN ALL JANITOR'S CLOSETS.
4. MOUNTING HEIGHTS SHALL MEET HANDICAPPED REQUIREMENTS AND STATE BUILDING CODES.
5. TOILET ACCESSORY ITEMS # 8, # 9, AND # 18 ARE TO BE PROVIDED BY OWNER AND INSTALLED BY G.C..
6. TOILETS ACCESSORIES # 6, # 7, # 10, AND # 15 ARE TO BE PER LISTED MANUFACTURER, CATALOG NUMBER, AND FINISH. NO SUBSTITUTIONS ACCEPTED.
7. MODEL NUMBERS SHOWN FOR THE SHOWER SEATS ARE FOR THE RIGHT HAND MODEL UNITS. LEFT HAND UNITS ARE THE SAME NUMBER BUT HAS A (L) INSTEAD OF THE (R). SEE PLANS FOR HAND.

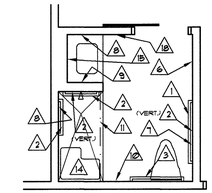


701 **FLOOR PLAN** TYPICAL PRIVATE BEDROOM SUITE (OVERALL UNIT DIMENSIONS)
SCALE: 1/4" = 1'-0"



702 **FLOOR PLAN** TYPICAL PRIVATE BEDROOM SUITE (CLEAR FLOOR PROVIDED TO MEET/EXCEED A.D.A. REQUIREMENTS)
SCALE: 1/4" = 1'-0"





TYPICAL TOILET ROOM TOILET ACCESSORIES

703 **FLOOR PLAN**
SCALE: 1/4" = 1'-0"

WARDROBE NOTES - SEE ELEVATION # 706

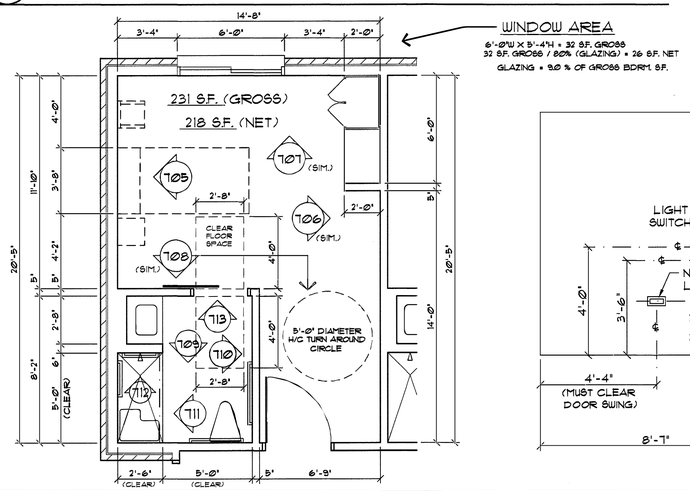
WARDROBE CLOSET ROD TO BE 68" MAXIMUM ABOVE FINISHED FLOOR. DOOR PULLS TO BE OPERABLE WITH ONE HAND, NOT REQUIRE GRASPING, AND OPERABLE BY A FORCE OF 5 POUNDS MAXIMUM.

OWNER TO VERIFY PRIOR TO FABRICATION THAT WARDROBE UNITS HAVE A MINIMUM OF 36 CUBIC FEET OF STORAGE SPACE. HALF OF THIS SPACE MUST BE HANGING STORAGE. (THIS CUBIC FEET REQUIREMENT IS PER RESIDENT)

CONTRACTOR TO VERIFY AND COORDINATE LOCATIONS OF ELECTRICAL OUTLETS W/ OWNER PRIOR TO INSTALLATION.

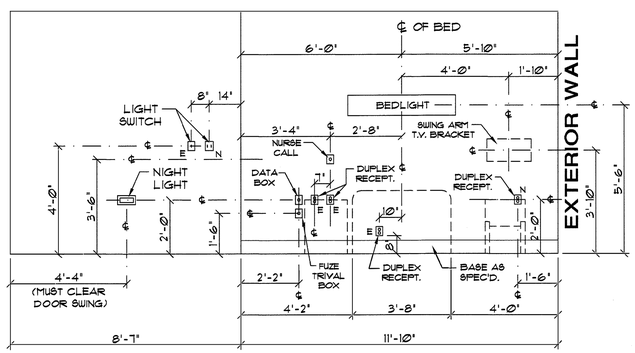
OWNER TO SELECT COLOR AND FINISH OF WARDROBE AND DRAWER UNIT PLASTIC LAMINATE.

PROVIDE ADJUSTABLE CLOTHES ROD THAT IS ADJUSTABLE IN MAXIMUM OF 4" INCH INCREMENTS FROM 48" TO 68" INCHES ABOVE FINISHED FLOOR.

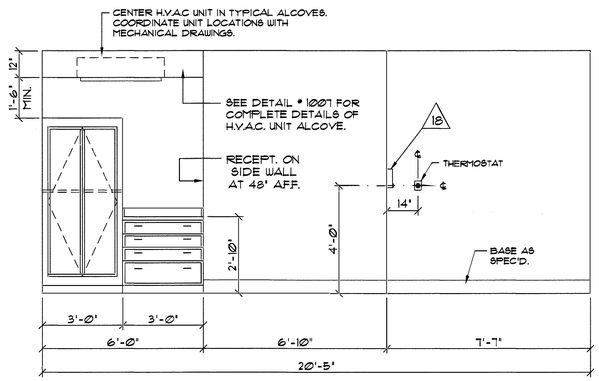


704 **FLOOR PLAN** TYP. PRIVATE "HALF-SUITE"
SCALE: 1/4" = 1'-0"

N = NORMAL POWER CIRCUIT
E = EMERGENCY CRITICAL CIRCUIT

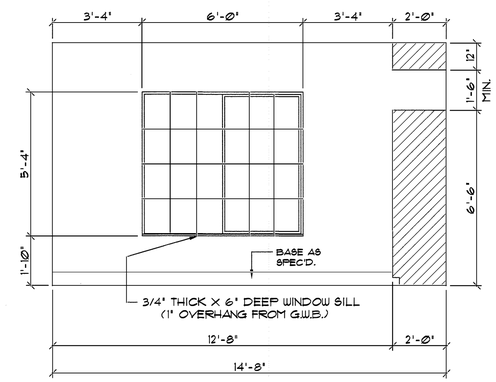


705 **ELEVATION** BEDWALL FOR TYPICAL BEDROOM SUITE
SCALE: 3/8"=1'-0"

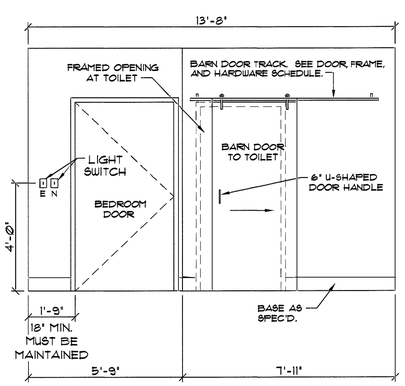


WARDROBE AND DRAWER UNITS THIS ELEVATION TO BE BY OWNER.

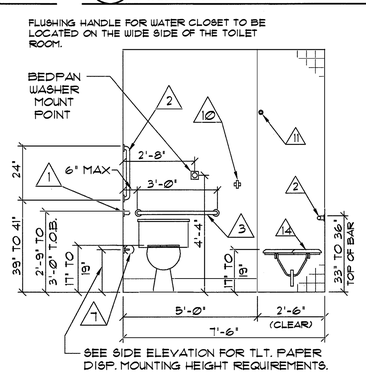
706 **ELEVATION** MILLWORK WALL FOR TYPICAL BEDROOM SUITE
SCALE: 3/8"=1'-0"



707 **ELEVATION** WINDOW WALL AT TYP. BEDROOM SUITE
SCALE: 3/8"=1'-0"

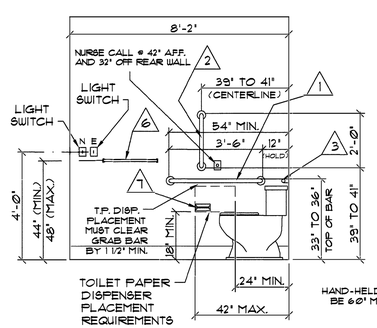


708 **ELEVATION** CORRIDOR / TOILET WALL AT TYPICAL BEDROOM SUITE
SCALE: 3/8"=1'-0"



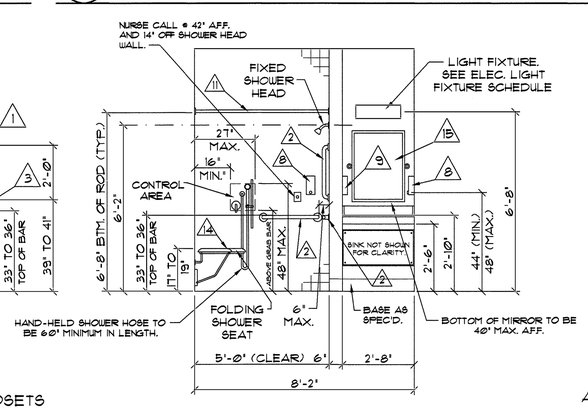
TOILET / SHOWER SEAT WALL AT TYPICAL BEDROOM SUITE TOILET ROOMS

709 **ELEVATION**
SCALE: 3/8"=1'-0"

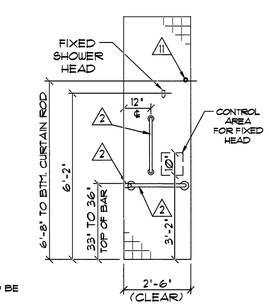


TYP. SIDE WALL AT WATER CLOSETS AT TYP. BEDROOM SUITE TOILETS

710 **ELEVATION**
SCALE: 3/8"=1'-0"

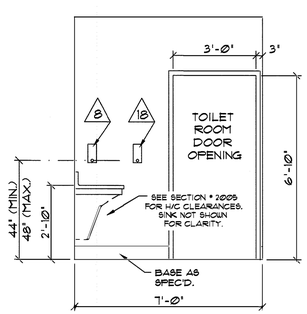


711 **ELEVATION** SHOWER CONTROL WALL AT TYP. BEDROOM SUITE TOILET ROOMS
SCALE: 3/8"=1'-0"



FIXED SHOWER HEAD WALL AT TYPICAL BEDROOM SUITE TOILET ROOMS

712 **ELEVATION**
SCALE: 3/8"=1'-0"



TYP. ACCESSORIES WALL AT TYP. BEDROOM SUITE TOILET ROOMS

713 **ELEVATION**
SCALE: 3/8"=1'-0"

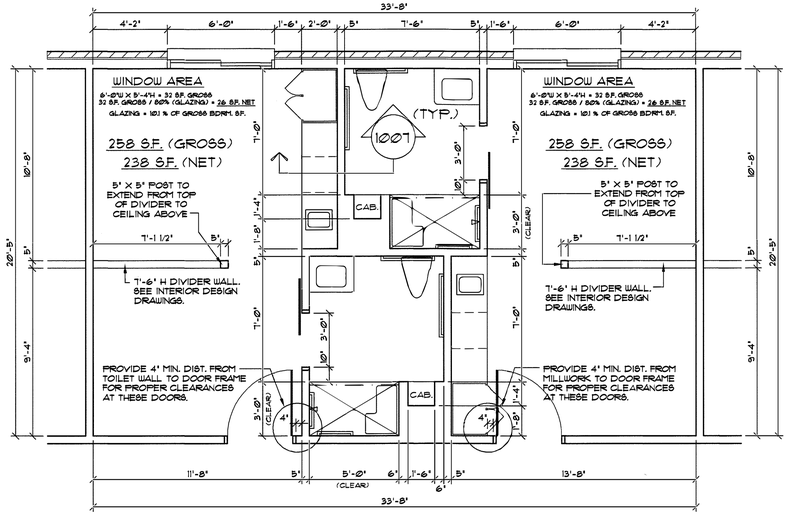
STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-28-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

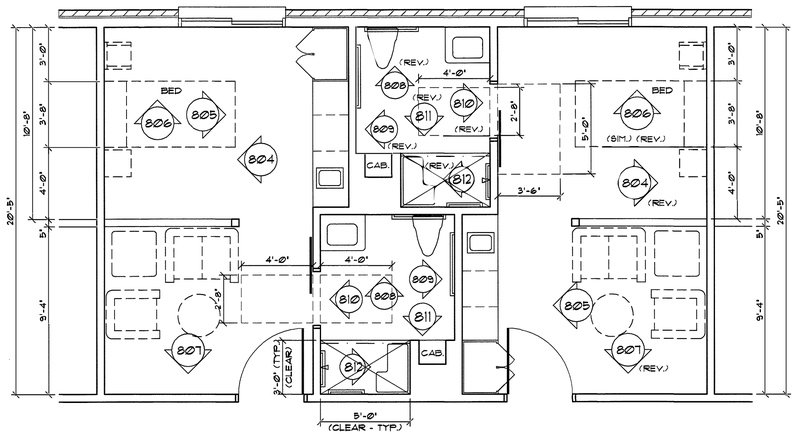
100 BED NURSING FACILITY

A 7



801 FLOOR PLAN — TYPICAL CONCIERGE UNIT BEDROOM (OVERALL UNIT DIMENSIONS)

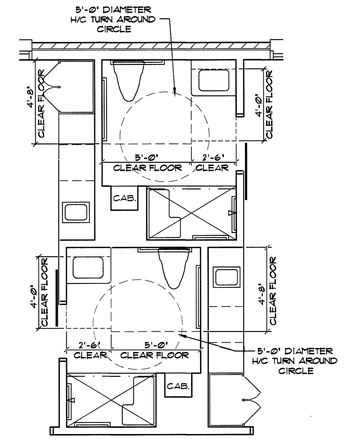
SCALE: 1/4" = 1'-0"

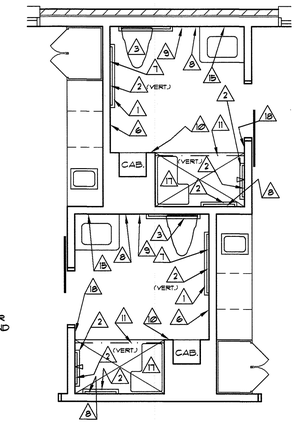


802 FLOOR PLAN — TYP. CONCIERGE UNIT BEDROOM

(BED CLEARANCES / CLEAR FLOOR AREA PROVIDED TO MEET/EXCEED A.D.A. REQUIREMENTS)

SCALE: 1/4" = 1'-0"

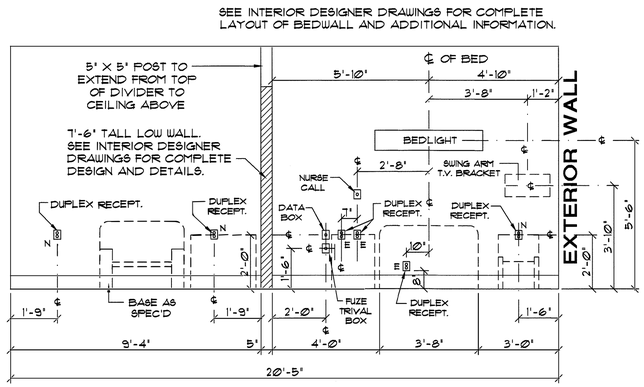




TYPICAL CONCIERGE UNIT BEDROOM (TOILET ACCESSORIES LOCATIONS)

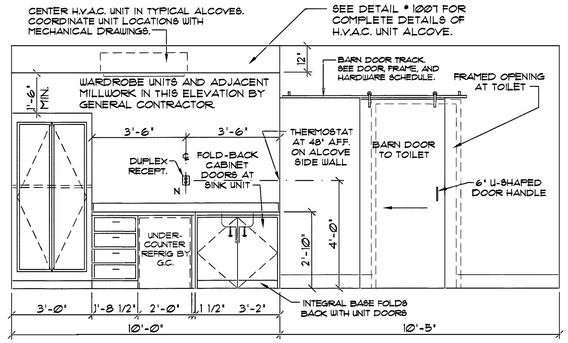
803 FLOOR PLAN

SCALE: 1/4" = 1'-0"



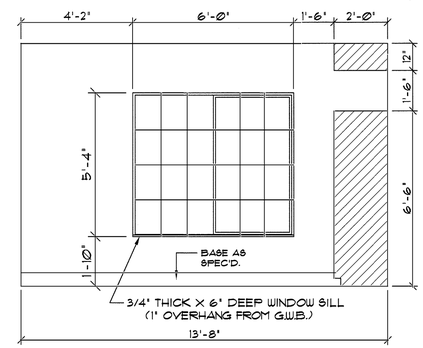
804 ELEVATION — BEDWALL AT TYPICAL CONCIERGE SUITE

SCALE: 3/8"=1'-0"



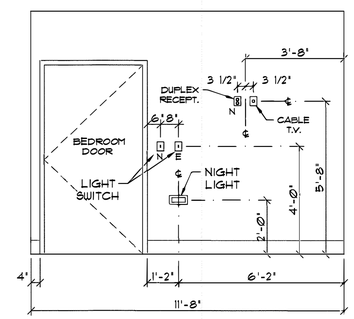
805 ELEVATION — MILLWORK AT CONCIERGE BEDROOMS W/ WET BARS

SCALE: 3/8"=1'-0"



806 ELEVATION — WINDOW WALL AT CONCIERGE SUITES

SCALE: 3/8"=1'-0"



807 ELEVATION — BEDROOM DOOR WALL AT CONCIERGE SUITES

SCALE: 3/8"=1'-0"

WARDROBE NOTES - SEE ELEVATION # 805

WARDROBE CLOSET ROD TO BE 68" MAXIMUM ABOVE FINISHED FLOOR. DOOR PULLS TO BE OPERABLE WITH ONE HAND, NOT REQUIRE GRASPING, AND OPERABLE BY A FORCE OF 5 POUNDS MAXIMUM.

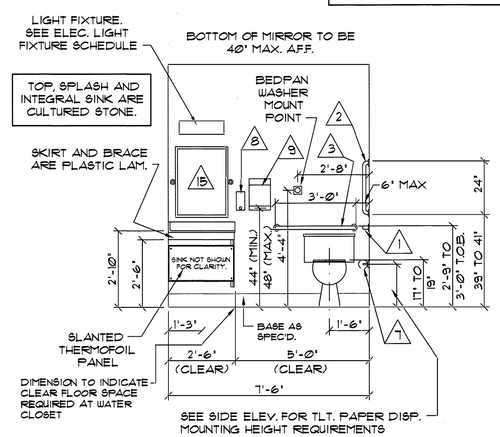
OWNER TO VERIFY PRIOR TO FABRICATION THAT WARDROBE UNITS HAVE A MINIMUM OF 36 CUBIC FEET OF STORAGE SPACE. HALF OF THIS SPACE MUST BE HANGING STORAGE. (THIS CUBIC FEET REQUIREMENT IS PER RESIDENT)

CONTRACTOR TO VERIFY AND COORDINATE LOCATIONS OF ELECTRICAL OUTLETS W/ OWNER PRIOR TO INSTALLATION.

OWNER TO SELECT COLOR AND FINISH OF WARDROBE AND DRAWER UNIT PLASTIC LAMINATE.

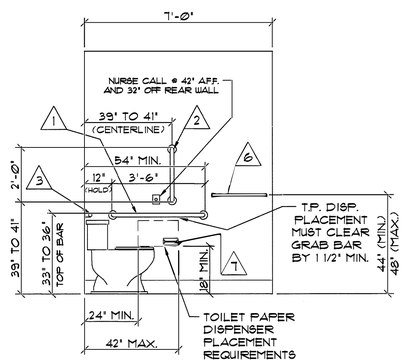
PROVIDE ADJUSTABLE CLOTHES ROD THAT IS ADJUSTABLE IN MAXIMUM OF 4" INCH INCREMENTS FROM 48" TO 68" INCHES ABOVE FINISHED FLOOR.

N = NORMAL POWER CIRCUIT
E = EMERGENCY CRITICAL CIRCUIT



808 ELEVATION — TYPICAL FIXTURE WALL AT CONCIERGE SUITE TOILET ROOMS

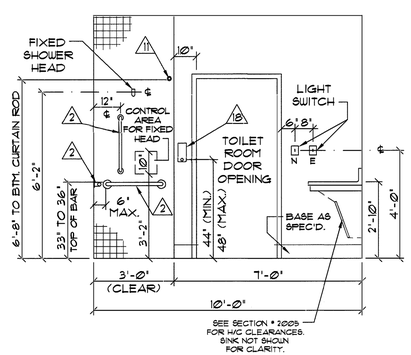
SCALE: 3/8"=1'-0"



TYP. SIDE WALL AT WATER CLOSETS AT TYPICAL CONCIERGE SUITE TOILET ROOMS

809 ELEVATION

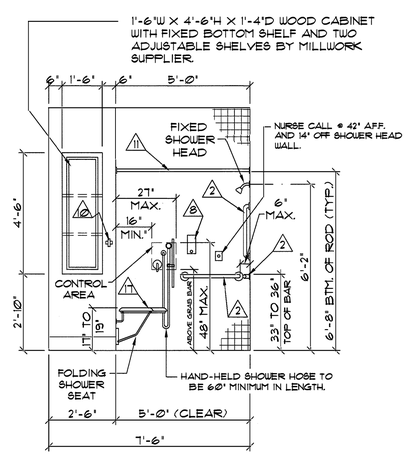
SCALE: 3/8"=1'-0"



FIXED SHOWER HEAD WALL AT CONCIERGE TLT. ROOMS

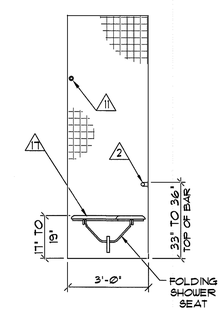
810 ELEVATION

SCALE: 3/8"=1'-0"



811 ELEVATION — SHOWER CONTROL WALL AT TYPICAL CONCIERGE SUITE TOILET ROOMS

SCALE: 3/8"=1'-0"



SHOWER SEAT WALL AT TYP. CONCIERGE SUITE TOILET ROOMS

812 ELEVATION

SCALE: 3/8"=1'-0"

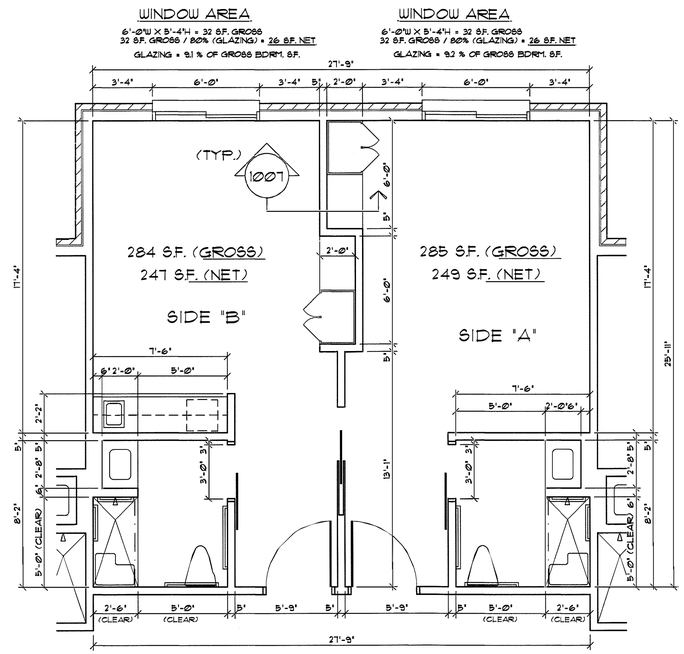
STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-15-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

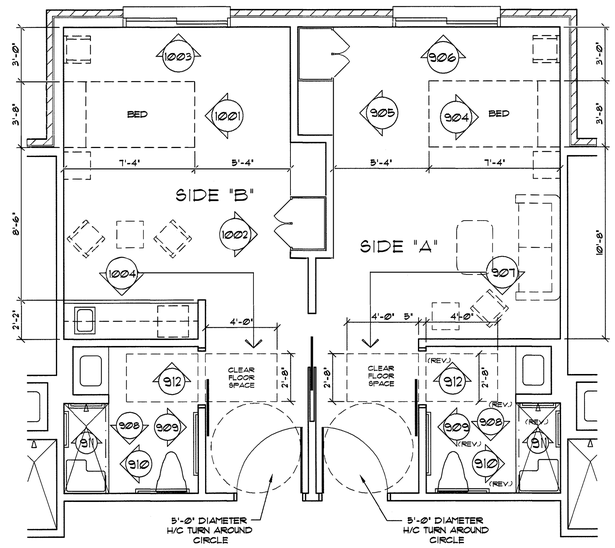
100 BED NURSING FACILITY

A 8



901 FLOOR PLAN
SCALE: 1/4" = 1'-0"

TYPICAL "COUPLES" BEDROOM SUITE
(OVERALL UNIT DIMENSIONS)



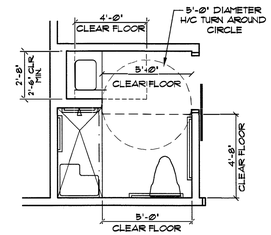
902 FLOOR PLAN
SCALE: 1/4" = 1'-0"

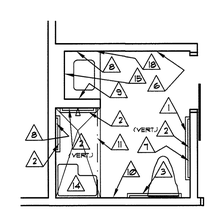
TYPICAL "COUPLES" BEDROOM SUITE
(CLEAR FLOOR PROVIDED TO MEET/EXCEED A.D.A. REQUIREMENTS)

TOILET ACCESSORIES SCHEDULE				(ALL TOILET ACCESSORIES ARE BASIS OF DESIGN)			
△	DESCRIPTION	MANUF.	CATALOG NO.	△	DESCRIPTION	MANUF.	CATALOG NO.
1	GRAB BAR- 1 1/2" X 42" LONG	BOBRICK	B- 6806 x 42"	10	ROBE HOOK	MOEN	DN6803BN
2	GRAB BAR- 1 1/2" X 24" LONG	BOBRICK	B- 6806 x 24"	11	SHOWER CURTAIN ROD	BOBRICK	B- 6107
3	GRAB BAR- 1 1/2" X 36" LONG	BOBRICK	B-6806 x 36"	12	PRIVACY CURTAIN TRACK	ARNCO	1200
4	GRAB BAR- 1 1/2" X 12" LONG	BOBRICK	B- 6806 x 12"	13	MOP HOOK RACK	BY OWNER	——
5	GRAB BAR- 1 1/2" X 48" LONG	BOBRICK	B- 6806 x 48"	14	SHOWER SEAT	SEACHROME	SSR-260225 (NW)
6	TOWEL BAR- 24" LONG	MOEN	DN6824BN	15	MIRROR - 23 1/2" X 31 1/2"	GATCO	4329S BATH NICKEL FINISH
7	TOILET PAPER DISPENSER	MOEN	DN6808BN	16	TUB SEAT	BY OWNER	
8	SOAP DISPENSER- WALL MNTED.	BY OWNER	INSTALL BY G.C.	17	SHOWER SEAT	SEACHROME	SSR-320225 (NW)
9	PAPER TOWEL DISPENSER	BY OWNER	INSTALL BY G.C.	18	HAND SANITIZER DISP.	BY OWNER	INSTALL BY G.C.

TOILET ACCESSORY NOTES:

1. SEE 1/4" SCALE FLOORPLANS AND INTERIOR ELEVATION FOR LOCATION OF TOILET ACCESSORIES.
2. G.C. SHALL PROVIDE CONCEALED BLOCKING IN WALLS AND ABOVE CEILING AS REQUIRED FOR SECURE MOUNTING OF ACCESSORIES.
3. PROVIDE MOP HOOK RACKS IN ALL JANITOR'S CLOSETS.
4. MOUNTING HEIGHTS SHALL MEET HANDICAPPED REQUIREMENTS AND STATE BUILDING CODES.
5. TOILET ACCESSORY ITEMS # 8, # 9, AND # 18 ARE TO BE PROVIDED BY OWNER AND INSTALLED BY G.C.
6. TOILETS ACCESSORIES # 6, # 7, # 10, AND # 15 ARE TO BE PER LISTED MANUFACTURER, CATALOG NUMBER, AND FINISH. NO SUBSTITUTIONS ACCEPTED.
7. MODEL NUMBERS SHOWN FOR THE SHOWER SEATS ARE FOR THE RIGHT HAND MODEL UNITS. LEFT HAND UNITS ARE THE SAME NUMBER BUT HAS A (L) INSTEAD OF THE (R). SEE PLANS FOR HAND.





TYPICAL TOILET ROOM
TOILET ACCESSORIES

WARDROBE NOTES - SEE ELEVATION # 905

WARDROBE CLOSET ROD TO BE 68" MAXIMUM ABOVE FINISHED FLOOR. DOOR PULLS TO BE OPERABLE WITH ONE HAND, NOT REQUIRE GRASPING, AND OPERABLE BY A FORCE OF 5 POUNDS MAXIMUM.

OWNER TO VERIFY PRIOR TO FABRICATION THAT WARDROBE UNITS HAVE A MINIMUM OF 36 CUBIC FEET OF STORAGE SPACE. HALF OF THIS SPACE MUST BE HANGING STORAGE. (THIS CUBIC FEET REQUIREMENT IS PER RESIDENT)

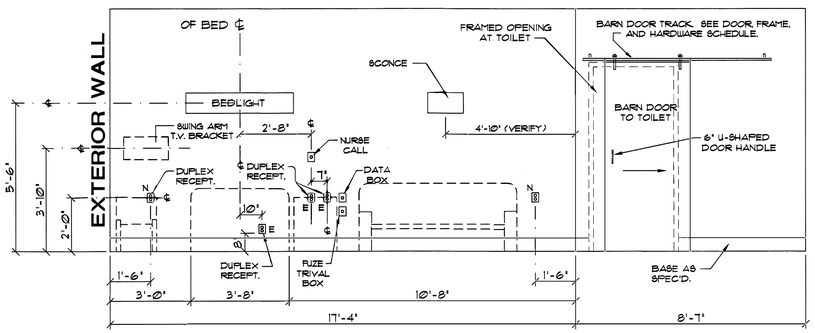
CONTRACTOR TO VERIFY AND COORDINATE LOCATIONS OF ELECTRICAL OUTLETS W/ OWNER PRIOR TO INSTALLATION.

OWNER TO SELECT COLOR AND FINISH OF WARDROBE AND DRAWER UNIT PLASTIC LAMINATE.

PROVIDE ADJUSTABLE CLOTHES ROD THAT IS ADJUSTABLE IN MAXIMUM OF 4" INCH INCREMENTS FROM 48" TO 68" INCHES ABOVE FINISHED FLOOR.

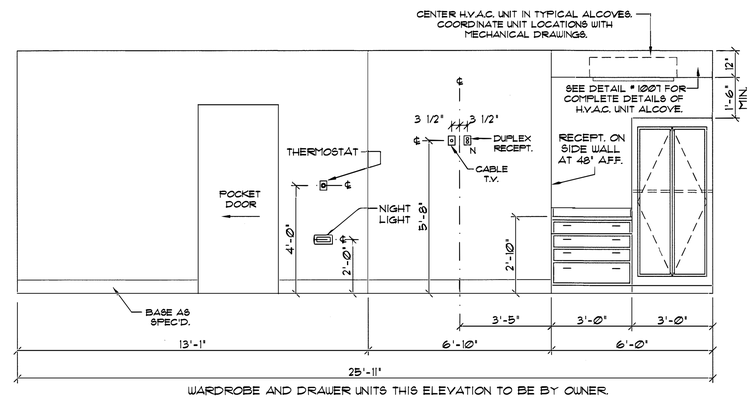
903 FLOOR PLAN
SCALE: 1/4" = 1'-0"

N = NORMAL POWER CIRCUIT
E = EMERGENCY CRITICAL CIRCUIT



904 ELEVATION
SCALE: 3/8"=1'-0"

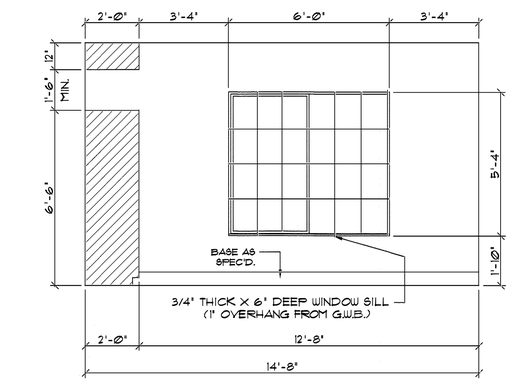
BEDWALL FOR TYPICAL "COUPLES" SUITE
(SUITE SIDE "A")



WARDROBE AND DRAWER UNITS THIS ELEVATION TO BE BY OWNER.

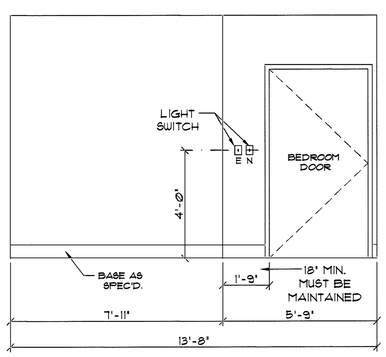
905 ELEVATION
SCALE: 3/8"=1'-0"

MILLWORK FOR TYPICAL "COUPLES" SUITE
(SUITE SIDE "A")



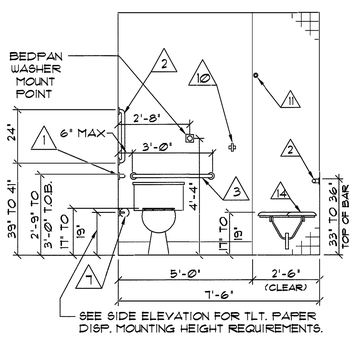
906 ELEVATION
SCALE: 3/8"=1'-0"

WINDOW WALL AT "COUPLES" SUITE
(SIDE "A")



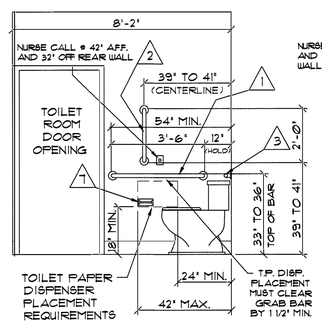
CORRIDOR / TOILET WALL AT TYP. "COUPLES" BDRM. SUITE (SIDE "A")

907 ELEVATION
SCALE: 3/8"=1'-0"



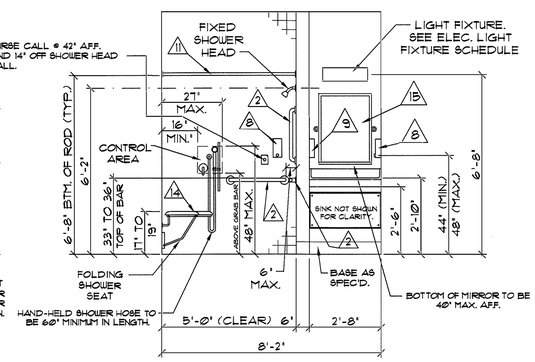
TOILET / SHOWER SEAT WALL AT TYPICAL BEDROOM SUITE TOILET ROOMS

908 ELEVATION
SCALE: 3/8"=1'-0"



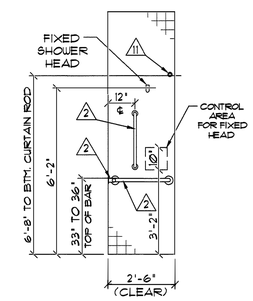
TYP. SIDE WALL AT WATER CLOSETS AT TYP. BEDROOM SUITE TOILETS

909 ELEVATION
SCALE: 3/8"=1'-0"



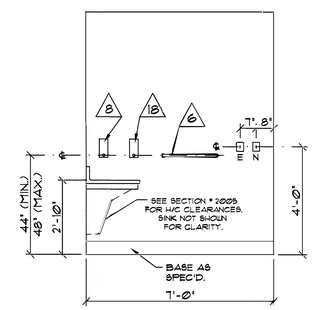
SHOWER CONTROL WALL AT TYPICAL BEDROOM SUITE TOILET ROOMS

910 ELEVATION
SCALE: 3/8"=1'-0"



FIXED SHOWER HEAD WALL AT TYPICAL BEDROOM SUITE TOILET ROOMS

911 ELEVATION
SCALE: 3/8"=1'-0"



TYP. ACCESSORIES WALL AT TYP. BEDROOM SUITE TOILET ROOMS

912 ELEVATION
SCALE: 3/8"=1'-0"

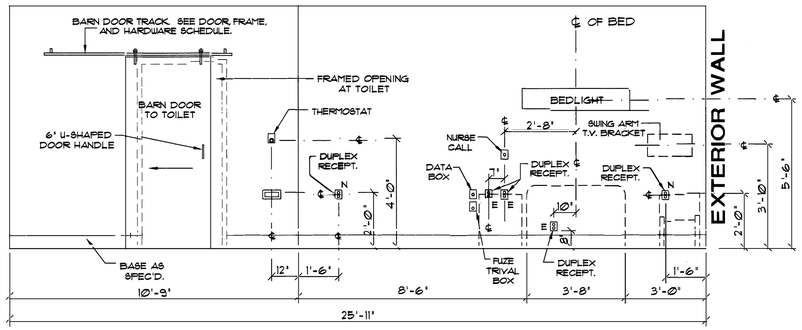
STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-15-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

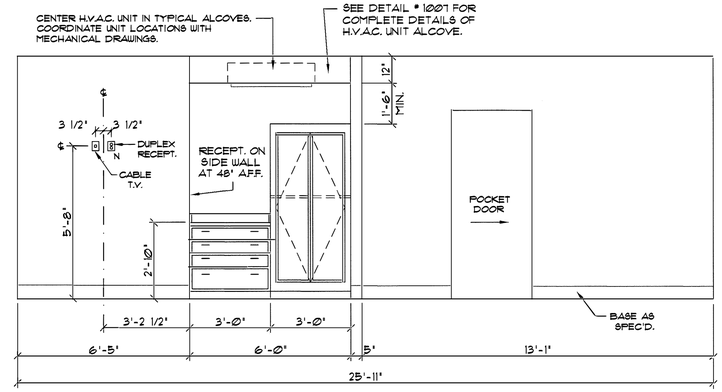
David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED
NURSING FACILITY

A 9

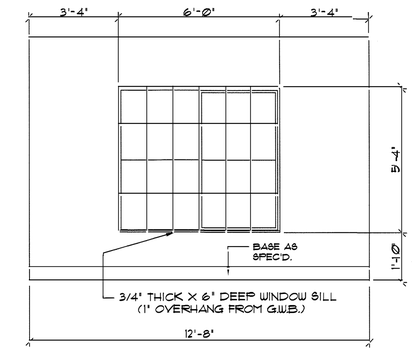


1001 **ELEVATION** BEDWALL FOR TYPICAL 'COUPLES' SUITE (SUITE SIDE "B")
SCALE: 3/8"=1'-0"

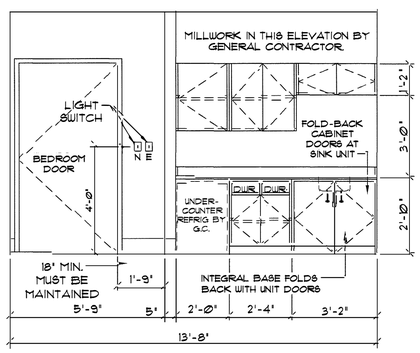


WARDROBE AND DRAWER UNITS THIS ELEVATION TO BE BY OWNER.

1002 **ELEVATION** MILLWORK FOR TYPICAL 'COUPLES' SUITE (SUITE SIDE "B")
SCALE: 3/8"=1'-0"



1003 **ELEVATION** WINDOW WALL AT 'COUPLES' SUITE (SIDE "B")
SCALE: 3/8"=1'-0"



1004 **ELEVATION** CORRIDOR / TOILET WALL AT TYP. 'COUPLES' BDRM. SUITE (SIDE "B")
SCALE: 3/8"=1'-0"

WARDROBE NOTES - SEE ELEVATION # 1002

WARDROBE CLOSET ROD TO BE 68" MAXIMUM ABOVE FINISHED FLOOR. DOOR PULLS TO BE OPERABLE WITH ONE HAND, NOT REQUIRE GRASPING, AND OPERABLE BY A FORCE OF 5 POUNDS MAXIMUM.

OWNER TO VERIFY PRIOR TO FABRICATION THAT WARDROBE UNITS HAVE A MINIMUM OF 36 CUBIC FEET OF STORAGE SPACE. HALF OF THIS SPACE MUST BE HANGING STORAGE. (THIS CUBIC FEET REQUIREMENT IS PER RESIDENT)

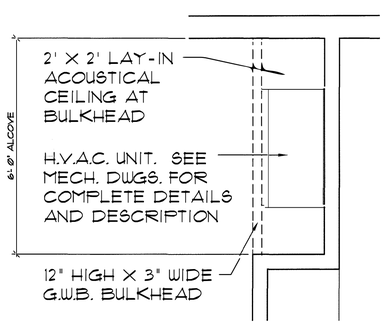
CONTRACTOR TO VERIFY AND COORDINATE LOCATIONS OF ELECTRICAL OUTLETS W/ OWNER PRIOR TO INSTALLATION.

OWNER TO SELECT COLOR AND FINISH OF WARDROBE AND DRAWER UNIT PLASTIC LAMINATE.

PROVIDE ADJUSTABLE CLOTHES ROD THAT IS ADJUSTABLE IN MAXIMUM OF 4" INCH INCREMENTS FROM 48" TO 68" INCHES ABOVE FINISHED FLOOR.

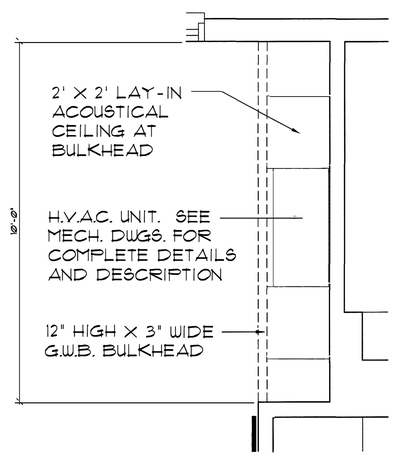
N = NORMAL POWER CIRCUIT
E = EMERGENCY CRITICAL CIRCUIT

NOTE: VERIFY H.V.A.C. UNIT PLACEMENT WITH MECHANICAL DRAWINGS PRIOR TO INSTALLATION.



TYPICAL H.V.A.C. PLACEMENT
6'-0" WIDE ALCOVES

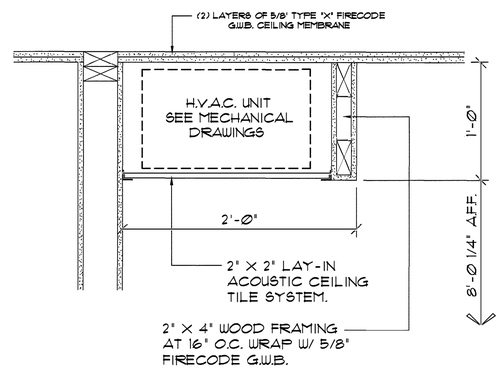
1005 **FLOOR PLAN**
SCALE: N.T.S.



TYPICAL H.V.A.C. PLACEMENT
10'-0" WIDE ALCOVES

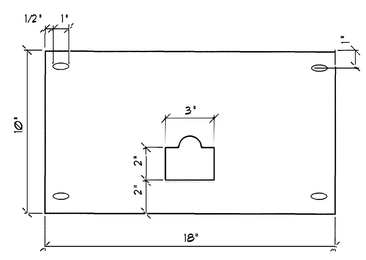
1006 **FLOOR PLAN**
SCALE: N.T.S.

CONTRACTOR TO COORDINATE REQUIRED WIDTH OF BULKHEAD WITH MANUFACTURER'S H.V.A.C. UNIT DIMENSIONS PRIOR TO FRAMING.

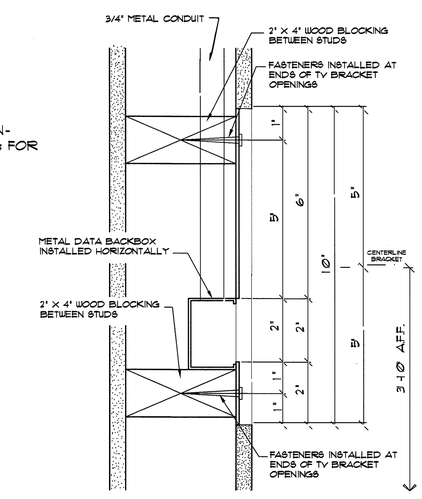


1007 **DETAIL** H.V.A.C. UNIT SOFFIT AT ALCOVE
SCALE: N.T.S.

G.W.B. TO COVER TOTAL PLATE AFTER INSTALLATION- (NOT SHOWN FOR CLARITY). LEAVE 2" X 3" OPENING FOR BACKBOX ACCESS.



1008 **DETAIL** BEDROOM T.V. BRACKET
SCALE: N.T.S.



1009 **SECTION** BEDROOM T.V. BRACKET BLOCKING REQUIREMENTS
SCALE: N.T.S.

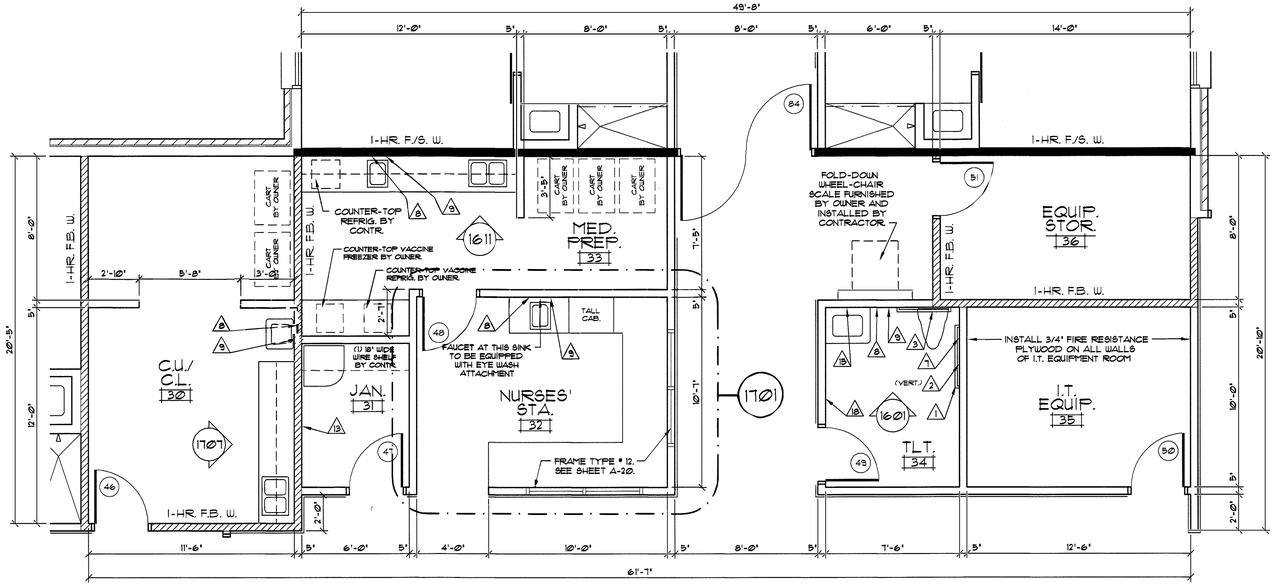
STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-15-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED
NURSING FACILITY

A 10

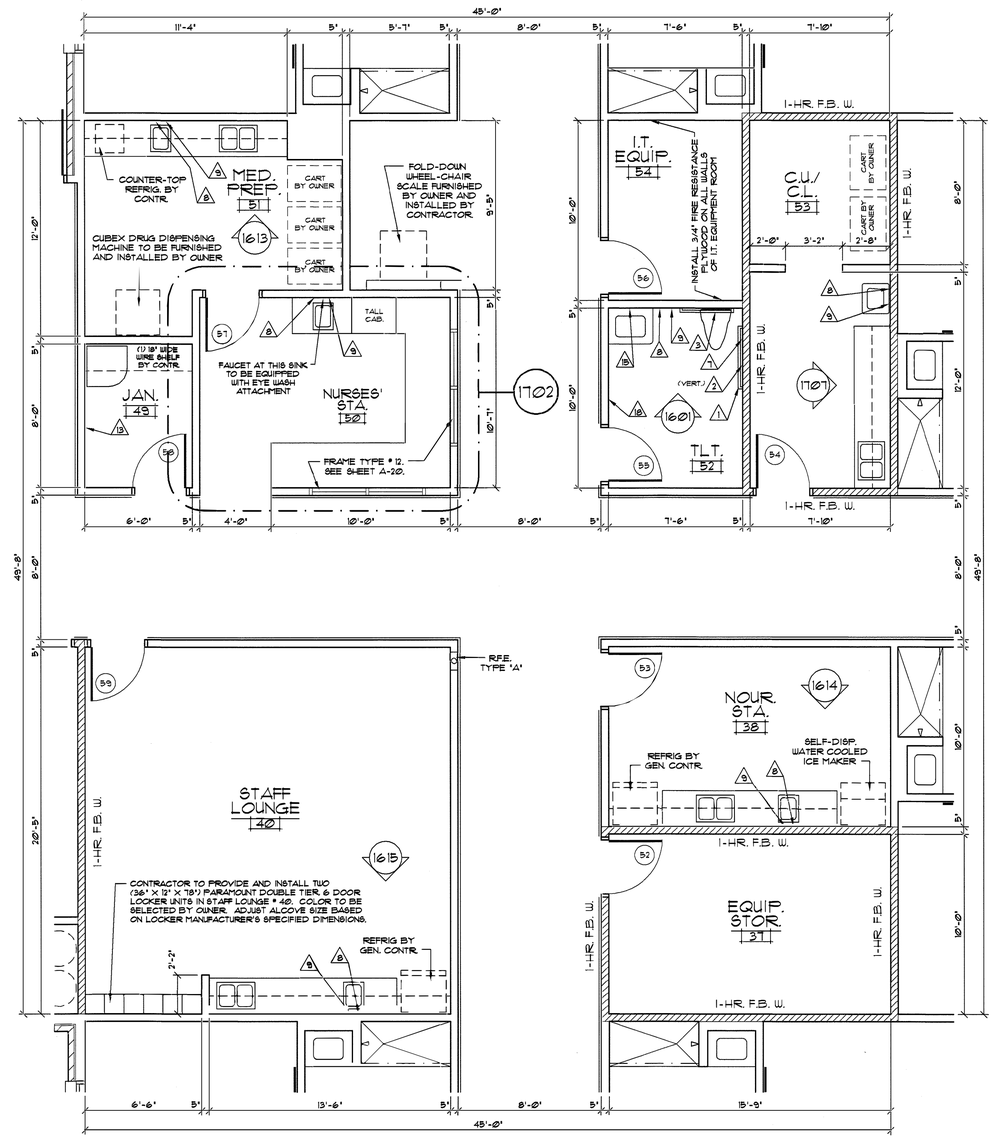


1101 FLOOR PLAN — AREA AT NURSES' STATION # 32

SCALE: 1/4" = 1'-0"

TOILET ACCESSORIES SCHEDULE				(ALL TOILET ACCESSORIES ARE BASIS OF DESIGN)			
△	DESCRIPTION	MANUF.	CATALOG NO.	△	DESCRIPTION	MANUF.	CATALOG NO.
1	GRAB BAR- 1 1/2" X 42" LONG	BOBRICK	B- 6806 x 42"	10	ROBE HOOK	MOEN	DN6803BN
2	GRAB BAR- 1 1/2" X 24" LONG	BOBRICK	B- 6806 x 24"	11	SHOWER CURTAIN ROD	BOBRICK	B- 6107
3	GRAB BAR- 1 1/2" X 36" LONG	BOBRICK	B-6806 x 36"	12	PRIVACY CURTAIN TRACK	ARNCO	1200
4	GRAB BAR- 1 1/2" X 12" LONG	BOBRICK	B- 6806 x 12"	13	MOP HOOK RACK	BY OWNER	——
5	GRAB BAR- 1 1/2" X 48" LONG	BOBRICK	B- 6806 x 48"	14	SHOWER SEAT	SEACHROME	SSR-260225 (NW)
6	TOWEL BAR- 24" LONG	MOEN	DN6824BN	15	MIRROR - 23 1/2" X 31 1/2"	GATCO	43298 SATIN NICKEL FINISH
7	TOILET PAPER DISPENSER	MOEN	DN6808BN	16	TUB SEAT	BY OWNER	
8	SOAP DISPENSER- WALL MNTED.	BY OWNER	INSTALL BY G.C.	17	SHOWER SEAT	SEACHROME	SSR-320225 (NW)
9	PAPER TOWEL DISPENSER	BY OWNER	INSTALL BY G.C.	18	HAND SANITIZER DISP.	BY OWNER	INSTALL BY G.C.

1. SEE 1/4" SCALE FLOORPLANS AND INTERIOR ELEVATION FOR LOCATION OF TOILET ACCESSORIES.
2. G.C. SHALL PROVIDE CONCEALED BLOCKING IN WALLS AND ABOVE CEILING AS REQUIRED FOR SECURE MOUNTING OF ACCESSORIES.
3. PROVIDE MOP HOOK RACKS IN ALL JANITOR'S CLOSETS.
4. MOUNTING HEIGHTS SHALL MEET HANDICAPPED REQUIREMENTS AND STATE BUILDING CODES.
5. TOILET ACCESSORY ITEMS # 8, # 9, AND # 18 ARE TO BE PROVIDED BY OWNER AND INSTALLED BY G.C.
6. TOILETS ACCESSORIES # 6, # 7, # 10, AND # 15 ARE TO BE PER LISTED MANUFACTURER, CATALOG NUMBER, AND FINISH. NO SUBSTITUTIONS ACCEPTED.
7. MODEL NUMBERS SHOWN FOR THE SHOWER SEATS ARE FOR THE RIGHT HAND MODEL UNITS. LEFT HAND UNITS ARE THE SAME NUMBER BUT HAS A (L) INSTEAD OF THE (R). SEE PLANS FOR HAND.

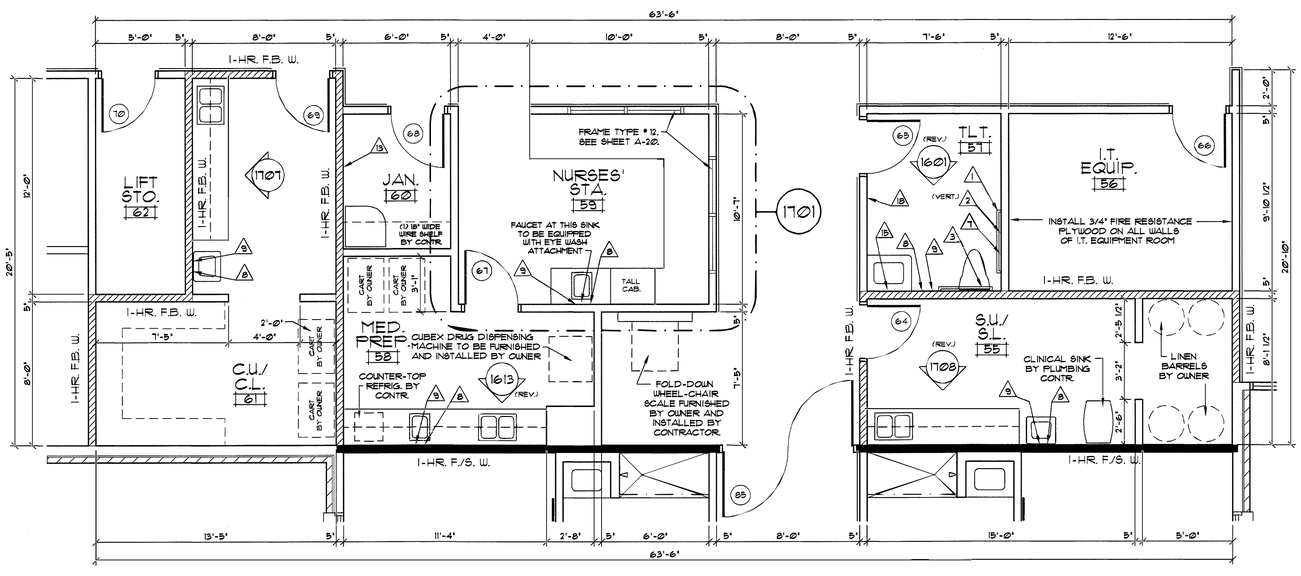


1103 FLOOR PLAN — AREA AT NURSES' STATION # 50

SCALE: 1/4" = 1'-0"

WALL RATING LEGEND

- 1-HOUR FIRE / SMOKE BARRIER (1-HR. F/S W)
- 1-HOUR FIRE BARRIER WALL (1-HR. FB W) REQUIRED BY TABLE 509 SCSBC
- 2-HOUR RATED FIREWALL / (2-HR. F.W.) SMOKE BARRIER
- SMOKE RESISTANT INCIDENTAL WALL (SR W)



1102 FLOOR PLAN — AREA AT NURSES' STATION # 59

SCALE: 1/4" = 1'-0"

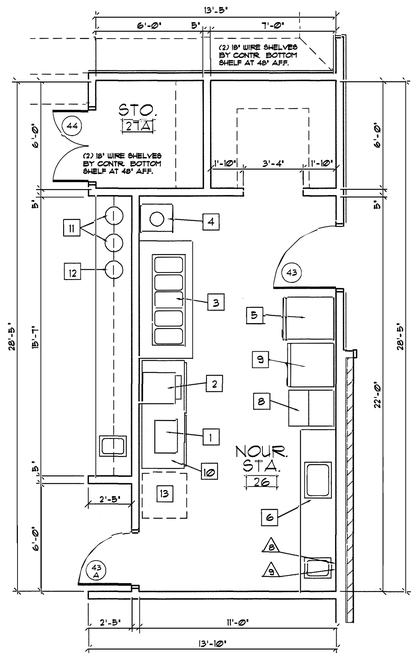
David R. Polston
STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-15-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED NURSING FACILITY

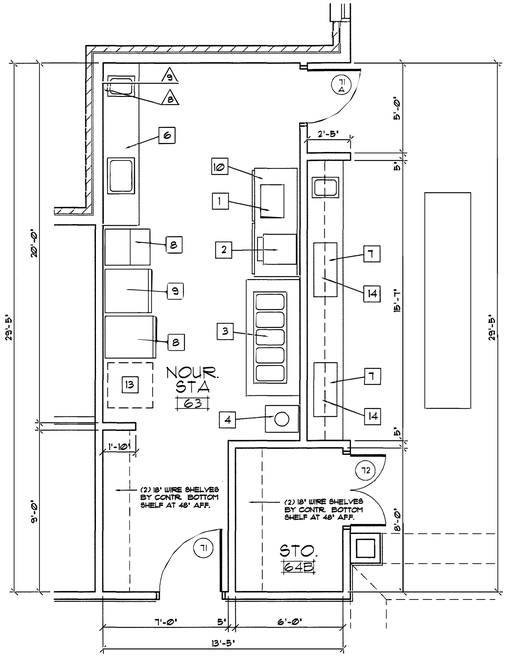
A 11



NOTE: SEE INTERIOR DESIGNER DRAWINGS (ID SHEETS) FOR COMPLETE DETAILS / ELEVATION FOR THE MILLWORK AT DINING ROOM # 27 SHOWN ABOVE.

1201 FLOOR PLAN — NOURISHMENT STATION # 26

SCALE: 1/4" = 1'-0"

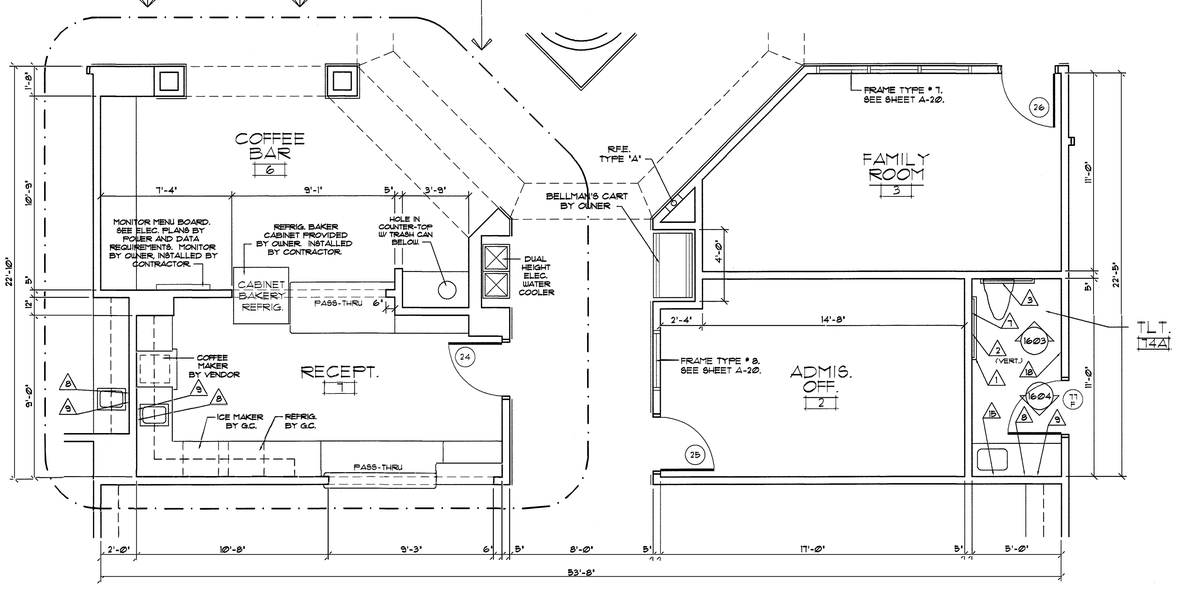


NOTE: SEE INTERIOR DESIGNER DRAWINGS (ID SHEETS) FOR COMPLETE DETAILS / ELEVATION FOR THE MILLWORK AT DINING AREA # 64 SHOWN ABOVE.

1202 FLOOR PLAN — NOURISHMENT STATION # 63

SCALE: 1/4" = 1'-0"

NOTE: SEE INTERIOR DESIGNER DRAWINGS FOR COMPLETE ELEVATION, FINISHES, MATERIALS, AND DETAILS FOR THE RECEPTION AREA AND COFFEE BAR SHOWN ABOVE (I.D. SHEETS).



1203 FLOOR PLAN — ENTRY / RECEPTION AREA

SCALE: 1/4" = 1'-0"

ALL EQUIPMENT ARE BASIS OF DESIGN.

NOURISHMENT STATION EQUIPMENT

NO.	DESCRIPTION	MANUF.	MODEL NO.	QTY.
1	DOUBLE PANINI GRILL	BY OWNER		1
2	TOASTER - CONVEYOR TYPE	BY OWNER		1
3	HOT FOOD TABLE W/ LOWER SHELF	ADVANCE TABCO	SW-SE-240-BS	1
4	MOBILE DISH LOURATER (SINGLE)	LAKESIDE	6110	1
5	REFRIGERATOR / FREEZER	TRUE	STG1DT-2HS	1
6	S.S. TABLE W/ SINKS (10"-2"L X 2'-0"D)	JOHN BOOS & CO.	ST6RB-24120 SBK	1
7	HOT/COLD BUILT-IN, FLUSH	HATCO	36" W X 15 1/2 D	2
8	ICE MAKER W/ BIN (FLAKE ICE)	SCOTSMAN	CU1030SA-1	1
9	HOLDING CABINET	F.W.E.	ETC-UA-6PH	1
10	REFRIG. - COUNTER HEIGHT	TRUE	TWT-67-HC	1
11	COFFEE URN	BY OWNER		2
12	TEA URN	BY OWNER		1
13	FOOD CART	BY OWNER		2
14	SNEEZE GUARD W/ TOP SHELF	PREMIER METAL AND GLASS		2

NOUR. STATION NOTES:

1. GENERAL CONTRACTOR SHALL PURCHASE AND INSTALL FOOD SERVICE EQUIPMENT ITEMS # 3, # 4, # 5, # 6, # 8, # 9, AND # 10.
2. GENERAL CONTRACTOR SHALL SUBMIT EQUIPMENT CUT SHEETS TO THE OWNER FOR OWNER APPROVAL PRIOR TO PURCHASING ANY PIECE OF EQUIPMENT.
3. ALL EQUIPMENT TO BE NEW AND HAVE N.S.F. AND U.L. APPROVALS
4. CONTRACTOR TO COORDINATE AND PROVIDE ALL NECESSARY PLUMBING AND ELECTRICAL CONNECTIONS REQUIRED FOR EACH PIECE OF EQUIPMENT.
5. KITCHEN EQUIPMENT FOR THE NOURISHMENT STATIONS # 26 AND # 63 (DETAILS # 1201 AND # 1202) TO BE FURNISHED / INSTALLED AS PART OF THE KITCHEN EQUIPMENT ALLOWANCE.

WALL RATING LEGEND

- 1-HOUR FIRE / SMOKE BARRIER (1-HR. F/S W)
- 1-HOUR FIRE BARRIER WALL (1-HR. FB W) REQUIRED BY TABLE 508 SCBC
- 2-HOUR RATED FIREWALL / (2-HR. F.W.) SMOKE BARRIER
- SMOKE RESISTANT INCIDENTAL WALL (SR W)

TOILET ACCESSORIES SCHEDULE (ALL TOILET ACCESSORIES ARE BASIS OF DESIGN.)

△	DESCRIPTION	MANUF.	CATALOG NO.	△	DESCRIPTION	MANUF.	CATALOG NO.
1	GRAB BAR- 1 1/2" X 42" LONG	BOBRICK	B- 6806 x 42"	10	ROBE HOOK	MOEN	DN6803BN
2	GRAB BAR- 1 1/2" X 24" LONG	BOBRICK	B- 6806 x 24"	11	SHOWER CURTAIN ROD	BOBRICK	B- 6107
3	GRAB BAR- 1 1/2" X 36" LONG	BOBRICK	B-6806 x 36"	12	PRIVACY CURTAIN TRACK	ARNCO	1200
4	GRAB BAR- 1 1/2" X 12" LONG	BOBRICK	B- 6806 x 12"	13	MOP HOOK RACK	BY OWNER	——
5	GRAB BAR- 1 1/2" X 48" LONG	BOBRICK	B- 6806 x 48"	14	SHOWER SEAT	SEACHROME	S9R-260225 (NW)
6	TOWEL BAR- 24" LONG	MOEN	DN6824BN	15	MIRROR - 23 1/2" X 31 1/2"	GATCO	43298 SATIN NICKEL FINISH
7	TOILET PAPER DISPENSER	MOEN	DN6808BN	16	TUB SEAT	BY OWNER	
8	SOAP DISPENSER- WALL MNTED.	BY OWNER	INSTALL BY G.C.	17	SHOWER SEAT	SEACHROME	S9R-320225 (NW)
9	PAPER TOWEL DISPENSER	BY OWNER	INSTALL BY G.C.	18	HAND SANITIZER DISP.	BY OWNER	INSTALL BY G.C.

TOILET ACCESSORY NOTES:

1. SEE 1/4" SCALE FLOORPLANS AND INTERIOR ELEVATION FOR LOCATION OF TOILET ACCESSORIES.
2. G.C. SHALL PROVIDE CONCEALED BLOCKING IN WALLS AND ABOVE CEILING AS REQUIRED FOR SECURE MOUNTING OF ACCESSORIES.
3. PROVIDE MOP HOOK RACKS IN ALL JANITOR'S CLOSETS.
4. MOUNTING HEIGHTS SHALL MEET HANDICAPPED REQUIREMENTS AND STATE BUILDING CODES.
5. TOILET ACCESSORY ITEMS # 8, # 9, AND # 18 ARE TO BE PROVIDED BY OWNER AND INSTALLED BY G.C.
6. TOILETS ACCESSORIES # 6, # 7, # 10, AND # 15 ARE TO BE PER LISTED MANUFACTURER, CATALOG NUMBER, AND FINISH. NO SUBSTITUTIONS ACCEPTED.
7. MODEL NUMBERS SHOWN FOR THE SHOWER SEATS ARE FOR THE RIGHT HAND MODEL UNITS. LEFT HAND UNITS ARE THE SAME NUMBER BUT HAS A (L) INSTEAD OF THE (R). SEE PLANS FOR HAND.

ALL APPLIANCES ARE BASIS OF DESIGN.

RESIDENTIAL APPLIANCES BY GENERAL CONTRACTOR

LOCATION / ITEM	QTY.	MANUFACTURER	MODEL NO.	NOTES
OCCUP. THERAPY				
OVEN (VERIFY W/ OWNER)	1	WHIRLPOOL	WEE510S0AGS	STAINLESS STEEL
HOOD (30" WIDE UNIT)	1	BROAN	403004	STAINLESS STEEL
DISHWASHER	1	G.E.	GDT225SSLSS	STAINLESS STEEL
FRIDGE	1	FRIDGIDAIRE	FRS26Z3AS	STAINLESS STEEL
MED. PREPS.				
COUNTER-TOP REFRIG.	4	ACCUCOLD	FFAR23L	WITH LOCK
STAFF LOUNGE				
MICROWAVE	1	G.E.	PEM31DFSS	STAINLESS STEEL
REFRIGERATOR	1	FRIDGIDAIRE	FRS26Z3AS	STAINLESS STEEL
LIBRARY / COFFEE				
ICE MAKER	1	U-LINE	UADA15IMS00	ADA COMPLIANT, STAINLESS STEEL
REFRIGERATOR	1	U-LINE	UADA24RGLS-13B	STAINLESS STEEL
ICE-CREAM PARLOR				
ICE MAKER	1	U-LINE	UADA15IMS00	ADA COMPLIANT, STAINLESS STEEL
REFRIGERATOR	1	U-LINE	UADA24RGLS-13B	STAINLESS STEEL
FRONT RECEPTION				
ICE MAKER	1	U-LINE	UADA15IMS00	ADA COMPLIANT, STAINLESS STEEL
REFRIGERATOR	1	U-LINE	UADA24RGLS-13B	STAINLESS STEEL
CONCIERGE BEDROOMS				
UNDER-COUNT. REFRIG.	24	SUMMIT	ALB4	ADA COMPLIANT, STAINLESS STEEL
COUPLES SUITE				
UNDER-COUNT. REFRIG.	1	SUMMIT	ALB4	ADA COMPLIANT, STAINLESS STEEL
CONCIERGE RECEPT. # 65				
ICE MAKER	1	U-LINE	ADA15IM	ADA COMPLIANT, STAINLESS STEEL
UNDER-COUNT. REFRIG.	1	SUMMIT	ADA24RGL	ADA COMPLIANT, GLASS DOOR
UNDER-COUNT. FREEZER	1	SUMMIT	ALFZ33	ADA COMPLIANT, STAINLESS STEEL

STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4.28.2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

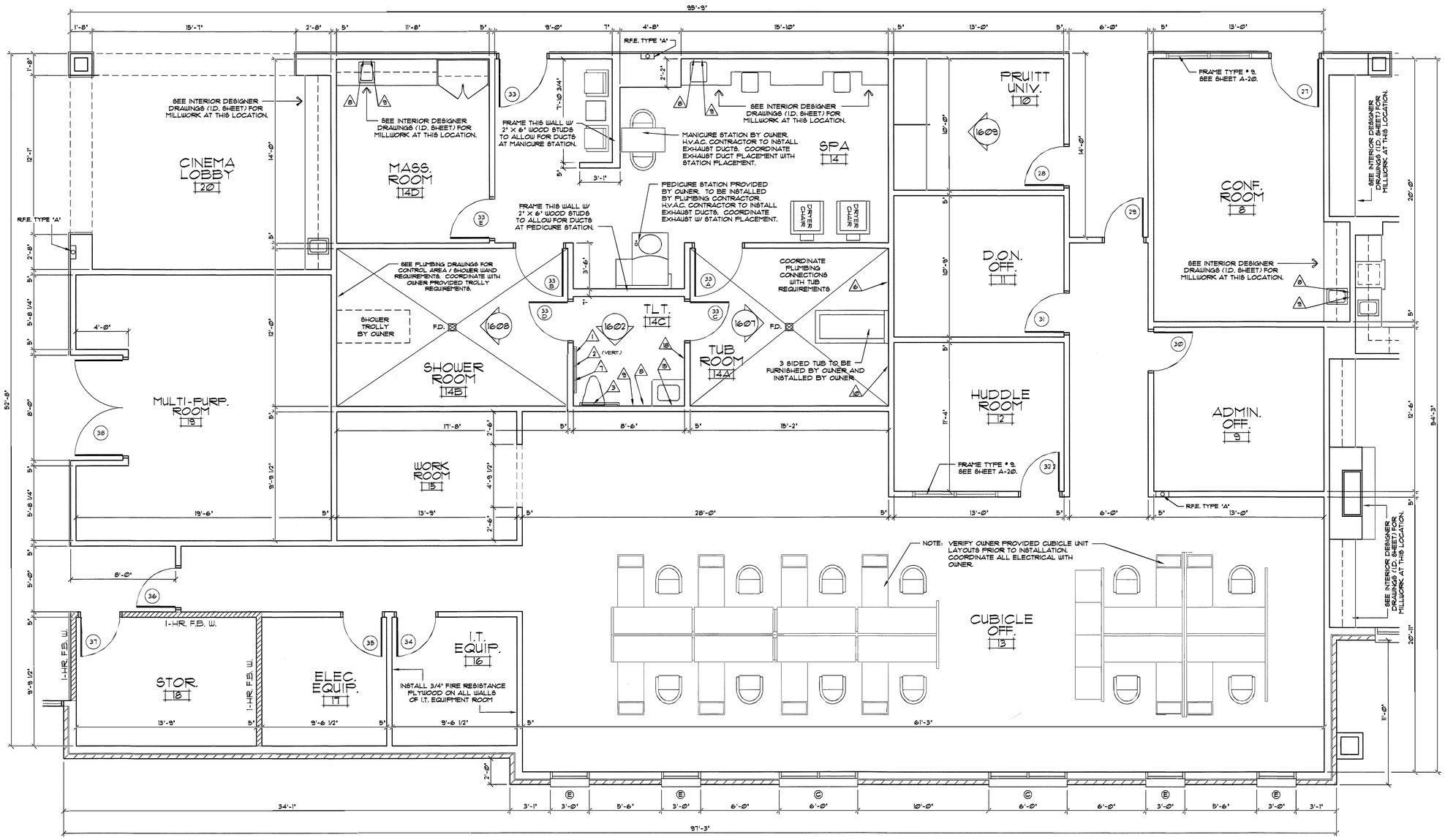
David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED
NURSING FACILITY

A 12

WALL RATING LEGEND

- 1-HOUR FIRE / SMOKE BARRIER (1-HR. F/S W)
- 1-HOUR FIRE BARRIER WALL (1-HR. FB W) REQUIRED BY TABLE 509 SCBC
- 2-HOUR RATED FIREWALL / (2-HR. F.W.) SMOKE BARRIER
- SMOKE RESISTANT INCIDENTAL WALL (SR W)



(1301) **FLOOR PLAN** SCALE: 1/4" = 1'-0"

SPA SUITE / OFFICE SUITE AREA

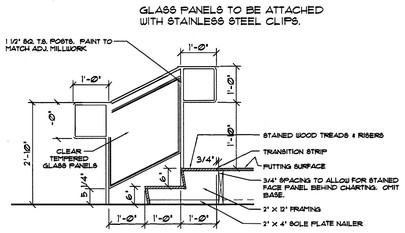
STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-15-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

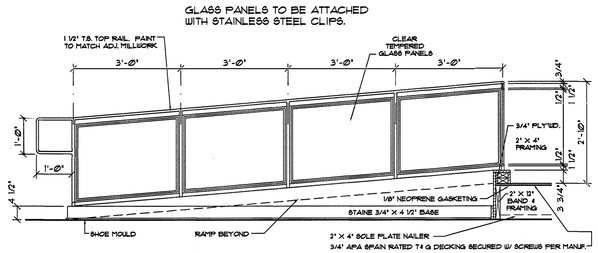
David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 8403
Architecture Planning Design

100 BED NURSING FACILITY

A 13

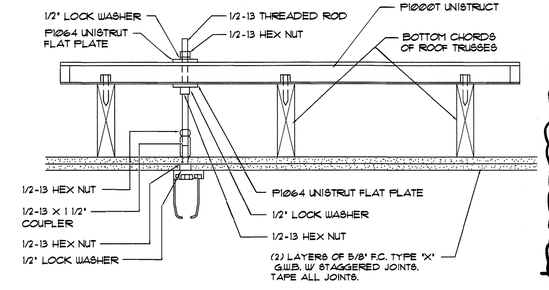


1402 **SECTION** STAIR DETAIL
SCALE: 1/2"=1'-0"



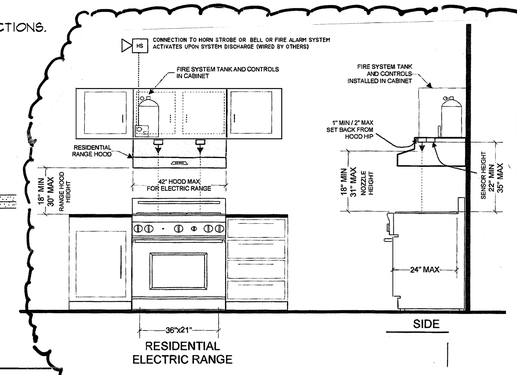
1403 **SECTION** FLOOR EDGE DETAIL / RAMP
SCALE: 1/2"=1'-0"

NOTE: VERIFY AND STRICTLY FOLLOW MANUFACTURER'S INSTALLATION INSTUCTIONS.



LOCATED IN PHYSICAL THERAPY # 16.

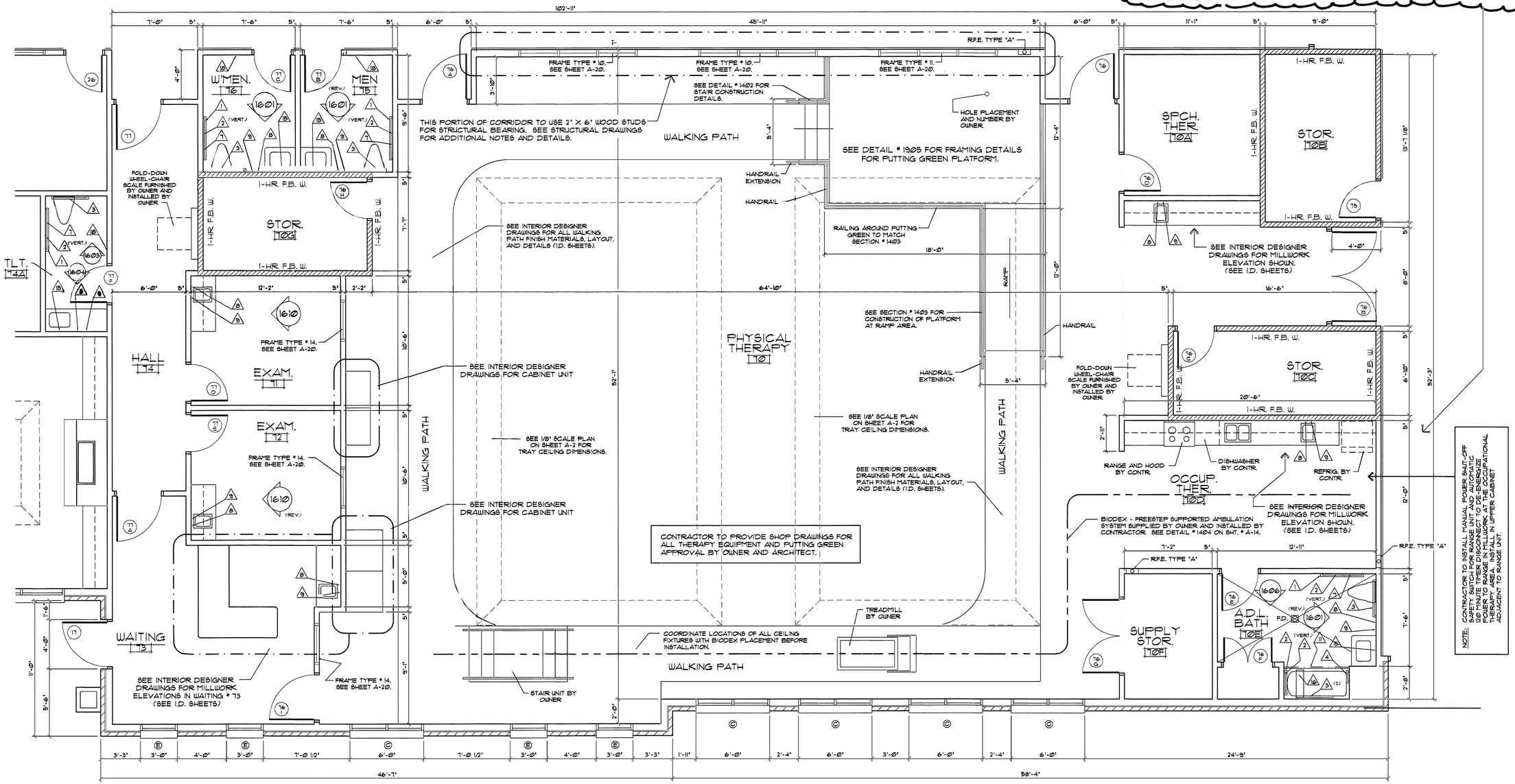
1404 **SECTION** BIODEX - FREESTEP SAS BRACING
SCALE: N.T.S.



G500-B
GUARDIAN
SAFETY SOLUTIONS INTERNATIONAL, INC.
MODEL G500-B
RESIDENTIAL RANGE TOP EXTINGUISHER UNIT
UL FILE NO. EX 3940

NOTE: FIRE SYSTEM WILL SHUT OFF ELECTRIC UPON DISCHARGE

CONTRACTOR TO INSTALL U.L. CERTIFIED RESIDENTIAL HOOD FIRE SUPPRESSION SYSTEM OVER RANGE UNIT. (GUARDIAN G-500-B). FIRE SYSTEM TANK AND CONTROLS TO BE LOCATED IN WALL CABINETS ABOVE RANGE HOOD. REFER TO ELECTRICAL SHEETS FOR SUPPRESSION SYSTEM ELECTRICAL REQUIREMENTS AND SHUNT TRIP BREAKER FOR THE RANGE UNIT. REFER TO FA (FIRE ALARM) SHEETS FOR REQUIREMENTS TO TIE FIRE SUPPRESSION CONTROL TO FIRE ALARM / NOTIFICATION SYSTEM. △1



NOTE: CONTRACTOR TO INSTALL MANUAL POWER SHUT-OFF SWITCH FOR ELECTRIC RANGE IN ADJACENT CABINET. 120 MINUTE TIMER DISCONNECT TO DE-ENERGIZE POWER TO RANGE IN MILLWORK AT THE OCCUPATIONAL THERAPY SUITE. RESET SWITCH IN UPPER CABINET ADJACENT TO RANGE UNIT.

1401 **FLOOR PLAN** PHYSICAL THERAPY SUITE
SCALE: 1/4" = 1'-0"

STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-28-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED
NURSING FACILITY

△ REVISED: 04-18-2025 PER DHFC REVIEW COMMENTS

A 14

KITCHEN EQUIPMENT

NO.	DESCRIPTION	QTY.	
1	FIRE EXTINGUISHER (TYPE 'K')	3	
2	HAND SINK	3	
3	EYE WASH SINK	1	
4	48" FLY FAN (AIR CURTAIN)	1	
5	MOBILE POT & PAN SHELVING	1-LOT	
6	SINGLE REACH-IN REFRIG.	1	
7	MOBILE MIXER STAND	1	
8	20 QUART MIXER	1	
9	MOBILE SLICER STAND	1	
10	SLICER	1	
11	FOOD PROCESSOR	1	
12	VEG. PREP. TABLE W/ SINKS	1	
13	MIXING FAUCET	1	
14	WALL SHELF	1	
15	ICE MACHINE W/ BIN	1	
16	SGL. DECK CONVECTION OVEN	1	
17	FRYERS W/ FILTERS	1	
18	SPREADER TABLE	1	
19	2-COMPARTMENT STEAMER	1	
20	NOT USED	N/A	
21	S.S. WORK TABLE	1	
22	EXHAUST HOOD SYSTEM	1	
23	FIRE PROTECTION SYSTEM	1	
24	S.S. WORK TABLE	1	
25	6 BRNR. RANGE W/ GRIDDLE & DBL. OVEN	1	
26	TILT SKILLET	1	
27	FLOOR TROUGH	1	
28	EXHAUST HOOD SYSTEM	1	
29	FIRE PROTECTION SYSTEM	1	
30	6" STAINLESS STEEL GUARD	1	
31	S.S. PREP TABLE W/ DRAWERS	1	
32	DBL. SHELVING ABOVE REF. UNIT	1	
33	COUNTER-HEIGHT REFRIG. UNIT	1	
34	HOT FOOD TABLE	1	
35	NOT USED	N/A	
36	WORK TABLE W/ SINK	1	
37	COFFEE BREWER BY VENDOR	3	
38	COFFEE GRINDER BY VENDOR	1	
39	NOT USED	N/A	
40	NOT USED	N/A	
41	NOT USED	N/A	
42	WORK TABLE W/ DRAIN BRD. TOP	1	(4'-0" L TABLE)
43	TEA BREWER BY VENDOR	1	
44	TEA DISP. BY VENDOR	1	
45	5'-0" L X 30" W X 34" H S.S. TABLE	2	(AT LAUNDRY)
46	FOOD TRANSPORT CARTS	4	
47	MOBILE HEATED CABINET	1	
48	DRY STORAGE SHELVING	1-LOT	
49	WALK-IN COOLER	1	
50	COOLER BLOWING COIL	1	
51	COOLER CONDENSING UNIT	1	
52	WALK-IN FREEZER	1	
53	FREEZER BLOWING COIL	1	
54	FREEZER CONDENSING UNIT	1	
55	WALK-IN SHELVING	1-LOT	
56	SOILED DISH TABLE	1	
57	SLOPED RACK SHELF	1	
58	PRE-RINSE SPRAY	1	
59	DISPOSAL W/ CONTROL PANEL	1	
60	CONDENSATE HOOD SYSTEM	1	
61	DISH-WASHER, CONVEYER	1	
62	CLEAN DISH TABLE	1	
63	BOOSTER HEATER	1	
64	MIXING FAUCET	1	
65	PRE-RINSE SPRAY W/ ADD-A-FAUCET	1	
66	NOT USED	N/A	
67	POT AND PAN SINK (3-COMP.)	1	
68	SOAP & CHEMICAL SHELVING (JAN.)	1	
69	MOP SINK	1	
70	SERVICE FAUCET	1	
71	MOP RACK/SHELF	1	
72	UTILITY CART	3	

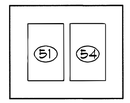
EQUIPMENT NOTES

1. WALL SURFACE FROM BOTTOM OF HOOD TO TOP OF FLOOR BASE FOR LENGTH OF COOKING HOOD TO BE COVERED W/ STAINLESS STEEL PANELS.
2. ALL PIECES OF KITCHEN EQUIPMENT TO HAVE A NSF LABEL AND BE INSTALLED IN ACCORDANCE WITH CURRENT NSF STANDARDS.
3. ALL ELECTRICAL EQUIPMENT TO HAVE UL. LABEL.
4. ALL GAS EQUIPMENT TO HAVE A.G.A. LABEL.
5. THE KITCHEN EXHAUST HOOD SHALL BE FACTORY FABRICATED FOR COMPLIANCE WITH NFPA 96, NSF 1362 AND HAVE A UL. LABEL. SEE DETAIL # 3401 ON SHEET A-34 FOR CROSS-SECTION OF HOOD INSTALLATION PLUS REQUIRED FIRE PROTECTION AND CLEARANCES OF DUCT SHAFTS.
6. THE FIRE SUPPRESSION SYSTEM SHALL BE AN ANSUL MODEL R-102 SYSTEM. A READILY ACCESSIBLE MEANS TO MANUALLY ACTUATE THE FIRE EXTINGUISHING EQUIPMENT SHALL BE PROVIDED IN A PATH OF EGRESS AND SHALL BE CLEARLY IDENTIFIED. THE OPERATION OF THE ANSUL SYSTEM SHALL AUTOMATICALLY SHUT OFF ALL SOURCES OF FUEL AND HEAT TO ALL EQUIPMENT UNDER THE KITCHEN EXHAUST HOOD AND ALSO AUTOMATICALLY ACTIVATE THE BUILDING FIRE ALARM SYSTEM.
7. THE DISHWASHER CONDENSATE HOOD SHALL BE FACTORY FABRICATED AND HAVE BOTH A UL. LABEL AND NSF. LABEL. SEE DETAIL # 3402 FOR CROSS-SECTION OF HOOD INSTALLATION PLUS REQUIRED FIRE PROTECTION AND CLEARANCES OF DUCT SHAFTS.
8. VERIFY ALL KITCHEN EQUIPMENT WITH OWNER PRIOR TO INSTALLATION.
9. KITCHEN HOOD TO HAVE ZERO CLEARANCE RATING FOR THE TOP AND SIDES.

EQUIPMENT NOTES:

1. DISHWASHER TO BE LEASED / PROVIDED BY OWNER
2. ITEMS # 43, # 44, # 37, AND # 38 TO BE PROVIDED BY OWNER.

WALK-IN COMPRESSORS



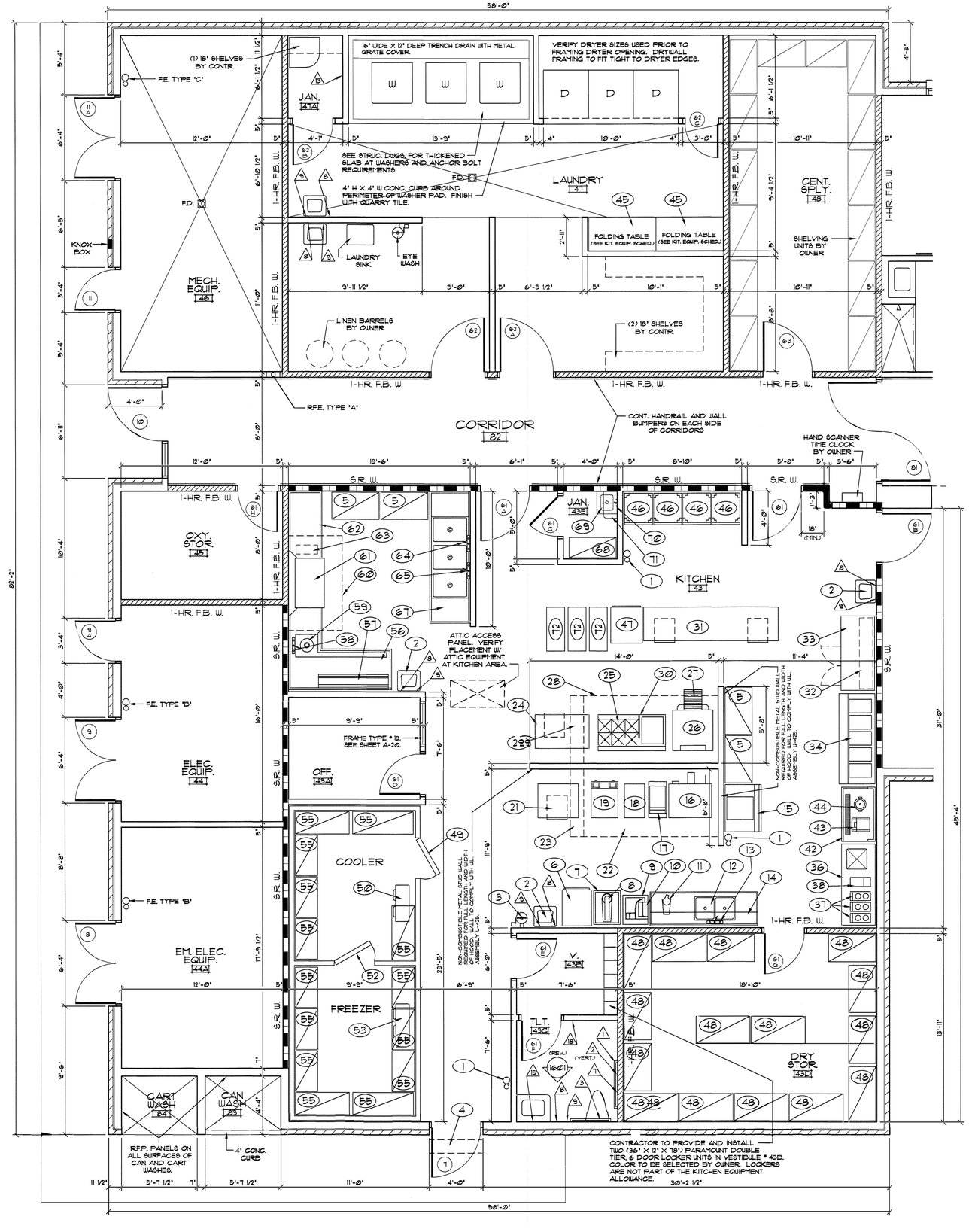
CONC. PAD-BY OTHERS (VERIFY PLACEMENT)

WALL RATING LEGEND

- 1-HOUR FIRE / SMOKE BARRIER (1-HR. F/B W)
- 1-HOUR FIRE BARRIER WALL (1-HR. FB W) REQUIRED BY TABLE 509 SCBC
- 2-HOUR RATED FIREWALL / (2-HR. F.W.) SMOKE BARRIER
- SMOKE RESISTANT INCIDENTAL WALL (SR W)

NOTES:

1. KITCHEN EXHAUST HOODS (# 22, # 23, # 28, AND # 29) AND DISHWASHER HOOD (#60) ARE PART OF THE CONTRACT AND NOT PART OF THE KITCHEN EQUIPMENT ALLOWANCE.
2. KITCHEN EQUIPMENT FOR THE TWO NOURISHMENT STATIONS (DETAILS # 1201 AND # 1202) TO BE FURNISHED / INSTALLED AS PART OF THE KITCHEN EQUIPMENT ALLOWANCE.
3. WALK-IN COOLER (# 49, # 50, AND # 51) AND FREEZER (# 52, # 53, AND # 54) TO BE FURNISHED AND INSTALLED AS PART OF THE KITCHEN EQUIPMENT ALLOWANCE. CLEAR INSIDE HEIGHT OF COOLER / FREEZER TO BE 8'-0". KITCHEN QUARRY TILE FLOOR TO EXTEND INTO BOTH THE COOLER AND FREEZER UNITS.
4. CONDENSATE DRAIN PIPING FOR ITEMS # 50 AND # 53 TO BE PIPED TO FLOOR DRAIN. INSTALLATION TO NOT CONFLICT WITH UNIT STORAGE SHELVING.



(1501) **FLOOR PLAN** MAIN KITCHEN PLAN / LAUNDRY AREA PLAN

SCALE: 1/4" = 1'-0"

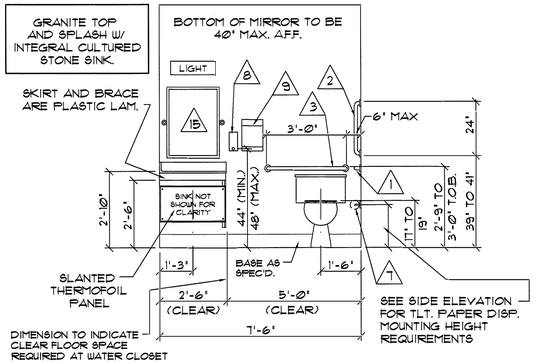
STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-15-2025

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

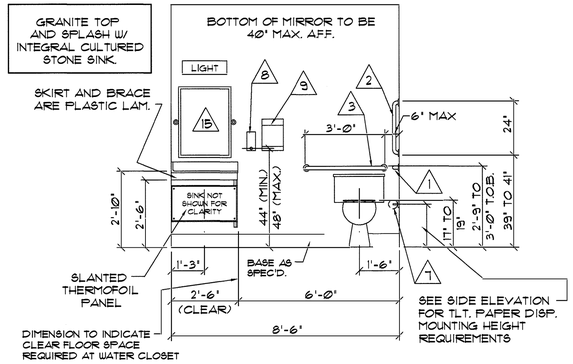
PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

100 BED NURSING FACILITY

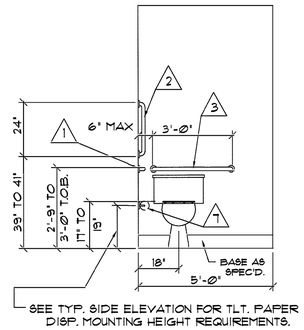
A 15



1601 **ELEVATION** TYPICAL TOILET ROOMS AT COMMON AREAS
SCALE: 3/8"=1'-0"

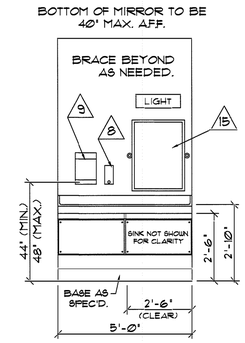


1602 **ELEVATION** TOILET ROOM AT # 14C
SCALE: 3/8"=1'-0"



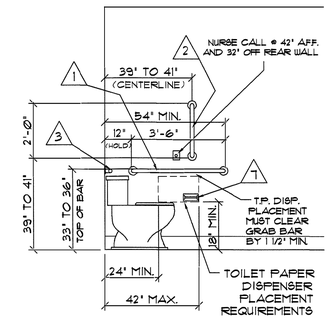
WATER CLOSET TOILET # 14A

1603 **ELEVATION**
SCALE: 3/8"=1'-0"



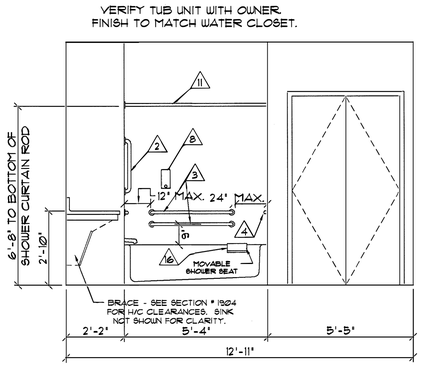
VANITY AT TOILET # 14A

1604 **ELEVATION**
SCALE: 3/8"=1'-0"

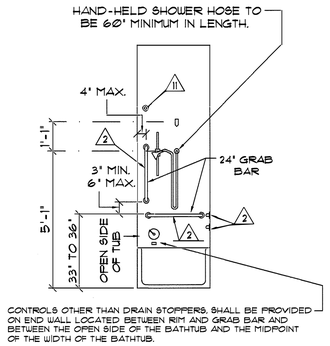


TYP. SIDE WALL AT WATER CLOSETS AT TYPICAL COMMON TOILETS

1605 **ELEVATION**
SCALE: 3/8"=1'-0"

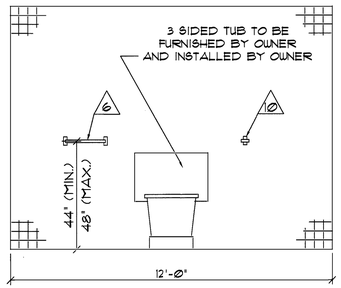


SIDE WALL AT TUB



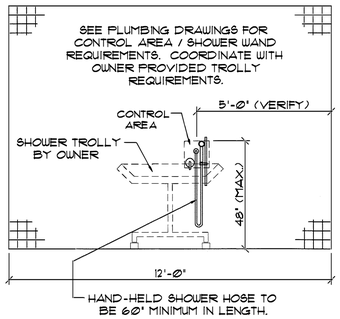
CONTROL WALL AT TUB

1606 **ELEVATION** A.D.L. BATH # 10E
SCALE: 3/8"=1'-0"

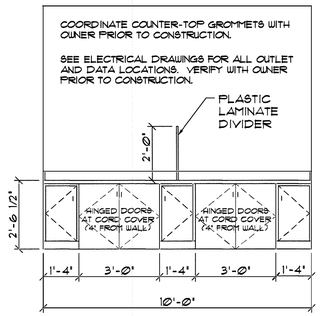


COORDINATE PLUMBING CONNECTIONS WITH TUB REQUIREMENTS.

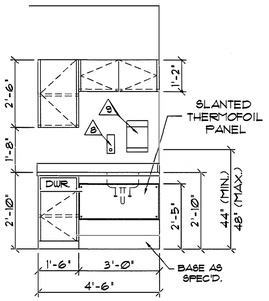
1607 **ELEVATION** TUB ROOM # 14A
SCALE: 3/8"=1'-0"



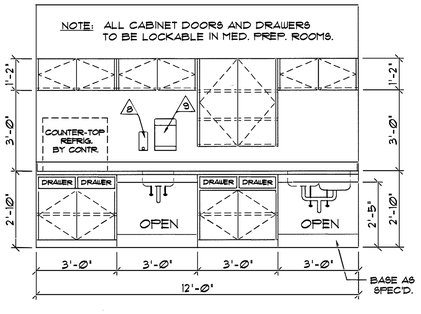
1608 **ELEVATION** SHOWER ROOM # 14B
SCALE: 3/8"=1'-0"



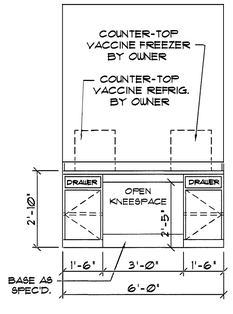
1609 **ELEVATION** PRUITT UNIV. # 10
SCALE: 3/8" = 1'-0"



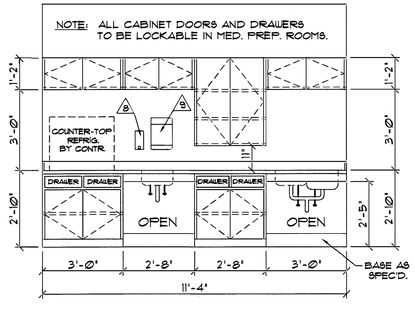
1610 **ELEVATION** EXAM. # 71 AND EXAM. # 72 (REV.)
SCALE: 3/8" = 1'-0"



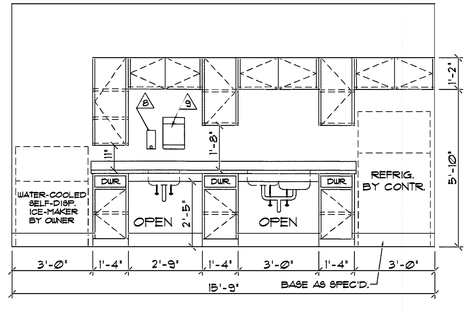
1611 **ELEVATION** MED. PREP. # 33
SCALE: 3/8" = 1'-0"



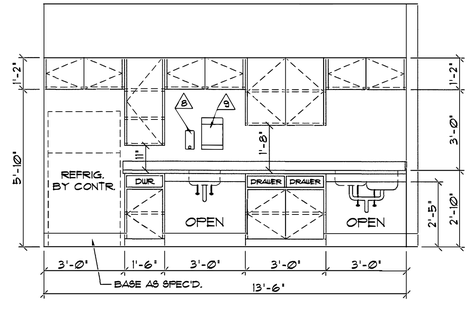
1612 **ELEVATION** MED. PREP. # 33
SCALE: 3/8" = 1'-0"



1613 **ELEVATION** MED. PREP. # 51 AND # 58 (REV.)
SCALE: 3/8" = 1'-0"



1614 **ELEVATION** NOUR. STATION # 38
SCALE: 3/8" = 1'-0"



1615 **ELEVATION** STAFF LOUNGE # 40
SCALE: 3/8" = 1'-0"

TOILET ACCESSORIES SCHEDULE (TOILET ACCESSORIES ARE BASIS OF DESIGN)

△	DESCRIPTION	MANUF.	CATALOG NO.	△	DESCRIPTION	MANUF.	CATALOG NO.				
1	GRAB BAR- 1 1/2" X 42" LONG	BOBRICK	B- 6806 x 42"	8	SOAP DISPENSER- WALL MNTED.	BY OWNER	INSTALL BY G.C.	15	MIRROR - 23 1/2" X 31 1/2"	GATCO	43298 SATIN NICKEL FINISH
2	GRAB BAR- 1 1/2" X 24" LONG	BOBRICK	B- 6806 x 24"	9	PAPER TOWEL DISPENSER	BY OWNER	INSTALL BY G.C.	16	TUB SEAT	BY OWNER	
3	GRAB BAR- 1 1/2" X 36" LONG	BOBRICK	B-6806 x 36"	10	ROBE HOOK	MOEN	DN6803BN	17	SHOWER SEAT	SEACHROME	SSR-320225 (NW)
4	GRAB BAR- 1 1/2" X 12" LONG	BOBRICK	B- 6806 x 12"	11	SHOWER CURTAIN ROD	BOBRICK	B- 6107	18	HAND SANITIZER DISP.	BY OWNER	INSTALL BY G.C.
5	GRAB BAR- 1 1/2" X 48" LONG	BOBRICK	B- 6806 x 48"	12	PRIVACY CURTAIN TRACK	ARNCO	1200				
6	TOWEL BAR- 24" LONG	MOEN	DN6824BN	13	MOP HOOK RACK	BY OWNER	——				
7	TOILET PAPER DISPENSER	MOEN	DN6808BN	14	SHOWER SEAT	SEACHROME	SSR-260225 (NW)				

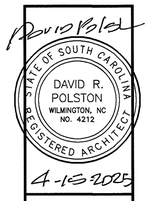
NOTE: ALL CABINET HARDWARE TO BE HANDICAPPED ACCESSIBLE IN ORDER TO OPEN DRAWERS / DOORS WITHOUT GRASPING.

NOTE: PLUMBING CONTRACTOR TO INSULATE ALL EXPOSED H.W., C.W., AND WASTE PIPING AT SINKS.

NOTE: SEE INTERIOR DESIGNER (I.D. SHEETS) FOR ALL INTERIOR FINISHES AND ADDITIONAL INTERIOR DETAILS AND REQUIREMENTS.

TOILET ACCESSORY NOTES:

1. SEE 1/4" SCALE FLOORPLANS AND INTERIOR ELEVATION FOR LOCATION OF TOILET ACCESSORIES.
2. G.C. SHALL PROVIDE CONCEALED BLOCKING IN WALLS AND ABOVE CEILING AS REQUIRED FOR SECURE MOUNTING OF ACCESSORIES.
3. PROVIDE MOP HOOK RACKS IN ALL JANITOR'S CLOSETS.
4. MOUNTING HEIGHTS SHALL MEET HANDICAPPED REQUIREMENTS AND STATE BUILDING CODES.
5. TOILET ACCESSORY ITEMS # 8, # 9, AND # 18 ARE TO BE PROVIDED BY OWNER AND INSTALLED BY G.C.
6. TOILETS ACCESSORIES # 6, # 7, # 10, AND # 15 ARE TO BE PER LISTED MANUFACTURER, CATALOG NUMBER, AND FINISH. NO SUBSTITUTIONS ACCEPTED.
7. MODEL NUMBERS SHOWN FOR THE SHOWER SEATS ARE FOR THE RIGHT HAND MODEL UNITS. LEFT HAND UNITS ARE THE SAME NUMBER BUT HAS A (L) INSTEAD OF THE (R). SEE PLANS FOR HAND.



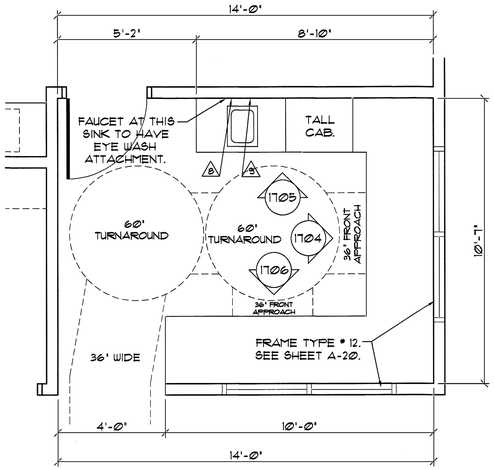
4-15-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

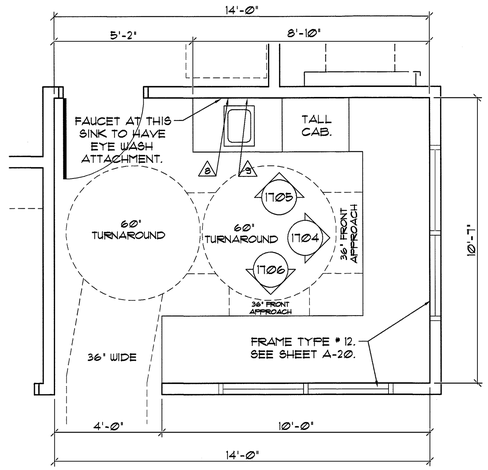
100 BED NURSING FACILITY

A 16



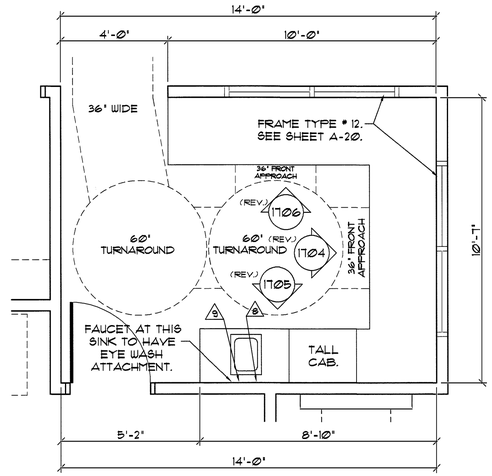
SEE ELECTRICAL DRAWINGS FOR ALL OUTLET AND DATA LOCATIONS. VERIFY WITH OWNER PRIOR TO CONSTRUCTION.

1701 FLOOR PLAN NURSES' STATION # 32
SCALE: 3/8" = 1'-0"



SEE ELECTRICAL DRAWINGS FOR ALL OUTLET AND DATA LOCATIONS. VERIFY WITH OWNER PRIOR TO CONSTRUCTION.

1702 FLOOR PLAN NURSES' STATION # 50
SCALE: 3/8" = 1'-0"

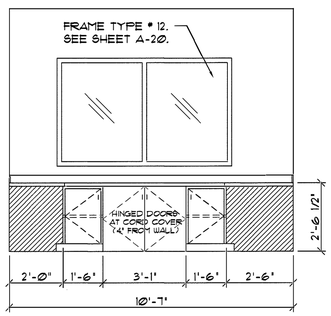


SEE ELECTRICAL DRAWINGS FOR ALL OUTLET AND DATA LOCATIONS. VERIFY WITH OWNER PRIOR TO CONSTRUCTION.

1703 FLOOR PLAN NURSES' STATION # 59
SCALE: 3/8" = 1'-0"

NOTE: PLUMBING CONTRACTOR TO INSULATE ALL EXPOSED H.W., C.W., AND WASTE PIPING AT SINKS.

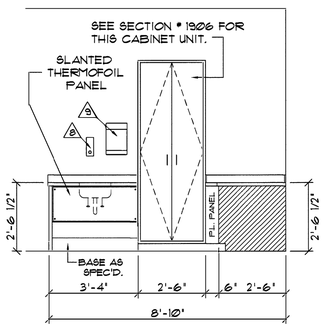
SEE ELECTRICAL DRAWINGS FOR ALL OUTLET AND DATA LOCATIONS. VERIFY WITH OWNER PRIOR TO CONSTRUCTION.



COORDINATE COUNTER-TOP GROMMETS WITH OWNER PRIOR TO CONSTRUCTION.

1704 ELEVATION NURSES' STATION # 32, # 50, AND # 59 (REV.)
SCALE: 3/8" = 1'-0"

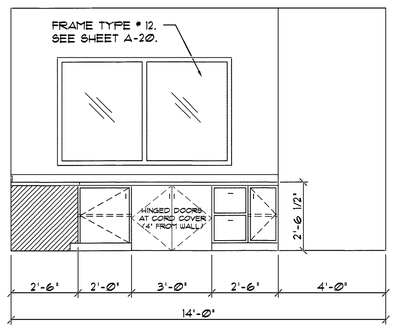
SEE ELECTRICAL DRAWINGS FOR ALL OUTLET AND DATA LOCATIONS. VERIFY WITH OWNER PRIOR TO CONSTRUCTION.



COORDINATE COUNTER-TOP GROMMETS WITH OWNER PRIOR TO CONSTRUCTION.

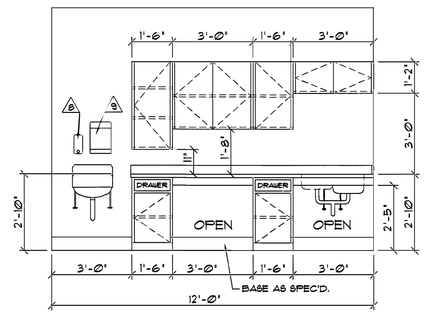
1705 ELEVATION NURSES' STATION # 32, # 50, AND # 59 (REV.)
SCALE: 3/8" = 1'-0"

SEE ELECTRICAL DRAWINGS FOR ALL OUTLET AND DATA LOCATIONS. VERIFY WITH OWNER PRIOR TO CONSTRUCTION.



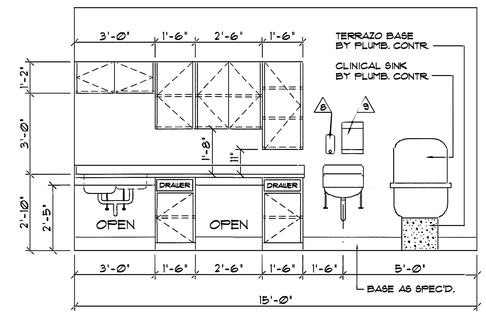
COORDINATE COUNTER-TOP GROMMETS WITH OWNER PRIOR TO CONSTRUCTION.

1706 ELEVATION NURSES' STATION # 32, # 50, AND # 59 (REV.)
SCALE: 3/8" = 1'-0"



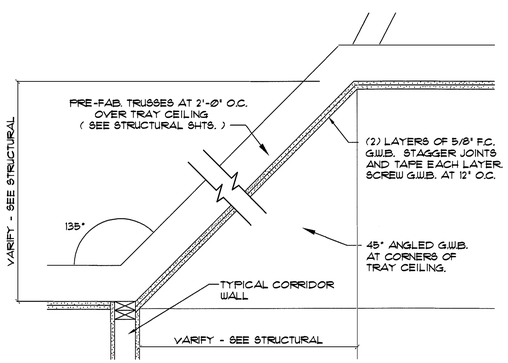
SEE DETAIL # 2007 FOR CABINET SECTION FOR THIS ELEVATION.

1707 ELEVATION CLEAN UTIL./ LINEN RMS. # 30, # 53 AND # 61
SCALE: 3/8" = 1'-0"

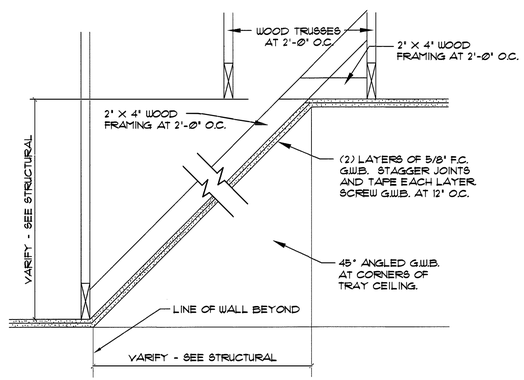


SEE DETAIL # 2007 FOR CABINET SECTION FOR THIS ELEVATION.

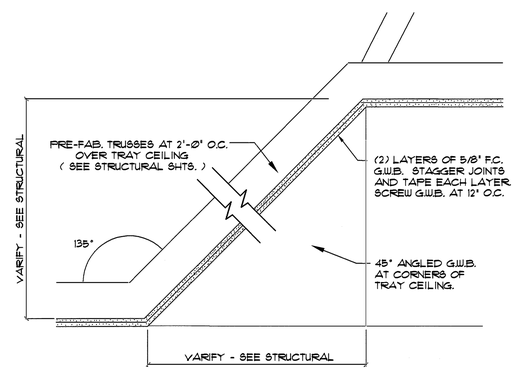
1708 ELEVATION SOIL UTIL./ LINEN RMS. # 28, # 41 (REV.), AND # 55 (REV.)
SCALE: 3/8" = 1'-0"



TRAY CEILING - SECTION PARALLEL TO TRUSSES AT CORRIDOR



TRAY CEILING - SECTION PERPENDICULAR TO TRUSSES

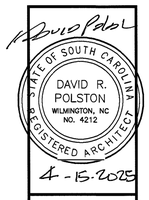


TRAY CEILING - SECTION PARALLEL AT LOBBY # 1, CHAPEL # 21, CINEMA # 22, DINING ROOM # 27, DINING ROOM # 42, DINING AREA # 64, LIVING AREA # 64A, AND PHYSICAL THERAPY # 70

NOTE:

CONTRACTOR MAY SUBSTITUTE LIGHT GAUGE METAL FRAMING FOR SLOPED TRAY CEILING FRAMING IF COORDINATED WITH TRUSS MANUFACTURER.

1709 DETAIL TYPICAL TRAY CEILING DETAILS
SCALE: N.T.S.

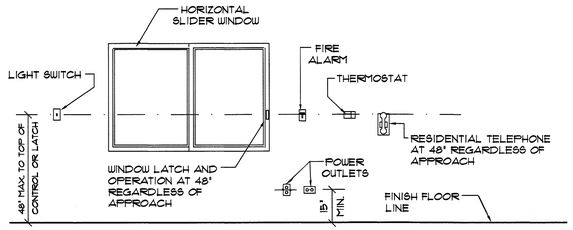


PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

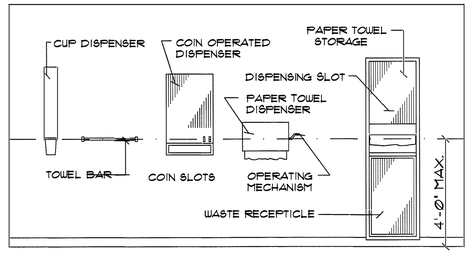
David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED NURSING FACILITY

A 17

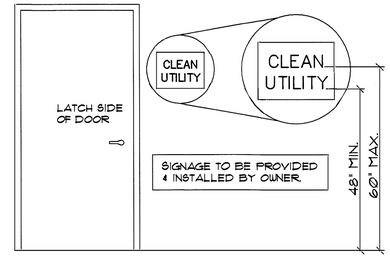


1801 DETAIL
SCALE: N.T.S.
MOUNTING HEIGHT REQUIREMENTS



DETAIL SHOWS TYPICAL MOUNTING HEIGHTS OF TOILET ACCESSORIES. SEE TOILET ACCESSORIES SCHEDULE FOR ACTUAL ACCESSORIES USED.

1802 ELEVATION
SCALE: 3/8"=1'-0"
MOUNTING HGHTS. - TOWEL BARS, DISPENSERS, DISPOSALS, ETC.



NOTE: ALL SIGNAGE PROVIDED BY THE OWNER SHALL COMPLY WITH ALL MOUNTING HEIGHTS, CHARACTER, AND BRAILLE REQUIREMENTS OF ANSI A117.1-03.

NOTES:

CHARACTER PROPORTIONS:
WIDTH TO HEIGHT RATIO SHALL BE BETWEEN 3/5 & 1/1, STROKE WIDTH TO HEIGHT RATIO SHALL BE BETWEEN 1/5 & 1/10

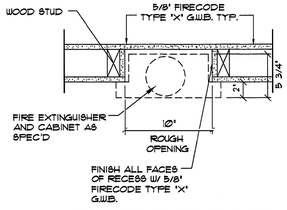
CHARACTER HEIGHT: MIN. CHARACTER HEIGHT SHALL BE 3".

RAISED & BRAILLED CHARACTERS & PICTORAL SYMBOL SIGNS (PICTOGRAMS) RAISED 1/32" MIN. UPPER CASE, SANS SERIF OR SIMPLE SERIF ACCOMPANIED W/ GRADE 2 BRAILLE. RAISED CHARACTERS AT LEAST 5/8" HIGH, NO HIGHER THAN 2". PICTO. ACCOMPANIED BY EQUIVALENT DESCRIPTION DIRECTLY BELOW PICTOGRAM. BORDER DIMENSION 6" MIN. HT.

FINISH & CONTRAST. CHARACTERS & BACKGROUND EGGSHELL, MATTE, OR OTHER NON-GLARE FINISH SHALL CONTRAST WITH BACKGROUND A EITHER LIGHT ON DARK OR DARK ON LIGHT.

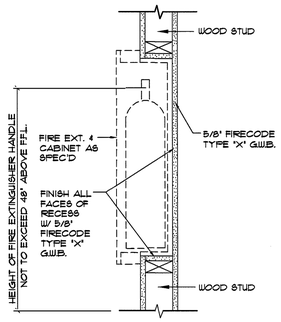
MOUNTING LOCATION & HEIGHT: PERMANENT IDENTIFICATION INSTALLED ADJACENT TO LATCH SIDE OF DOOR. WHERE THERE IS NO WALL SPACE ADJACENT TO THE LATCH SIDE, PLACE ON NEAREST ADJACENT WALL. MOUNTING HEIGHT SHALL BE 60" ABOVE FIN. FLOOR TO CENTERLINE OF SIGNAGE, SO THAT PERSON MAY APPROACH W/IN 3" OF SIGNAGE W/OUT PROTRUSIONS OR SWING OF DOOR.

1803 DETAIL
SCALE: 1/2" = 1'-0"
SIGNAGE LOCATION



ALL RECESSED FIRE EXTINGUISHERS TO BE INSTALLED IN NON-RATED WALL LOCATIONS.

PLAN



CROSS-SECTION

FIRE EXTINGUISHERS SHALL BE:

TYPE 'A' :
POTTER-ROEMER NO. 3010
10 LB. 4A:60 B:C
CLASS A B C FIRES
ABC MULTIPURPOSE DRY CHEMICAL

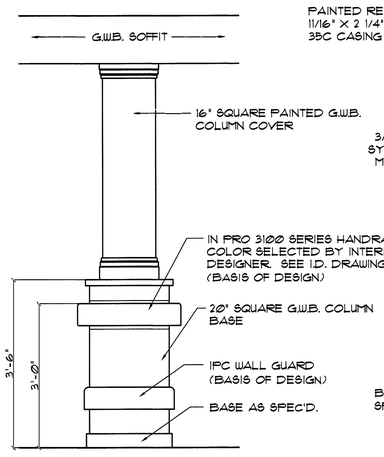
TYPE 'B' :
POTTER-ROEMER NO. 3310
20 LB. BC 120 B:C
CLASS B C FIRES
BC DRY CHEMICAL

TYPE 'C' :
SAME AS TYPE 'A' EXCEPT NOT RECESSED

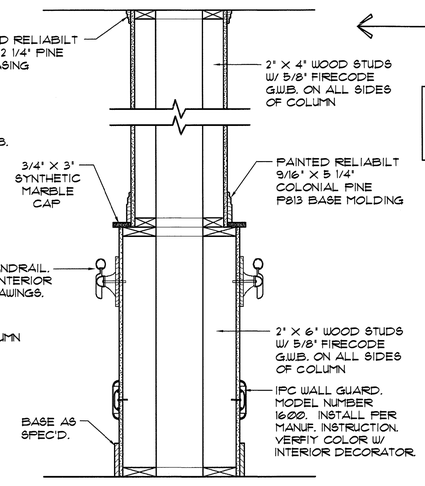
TYPE 'D' :
POTTER-ROEMER NO. 3260
2A:1B:C:K
REQUIRED AT KITCHEN

CABINETS:
POTTER-ROEMER NO. 1724RR
VERIFY THE OPENING SIZE
OPENING SIZE 10" X 25" X 3 7/8"

1804 DETAIL
SCALE: N.T.S.
TYP. FIRE EXTINGUISHERS / CABINET DETAILS



ELEVATION

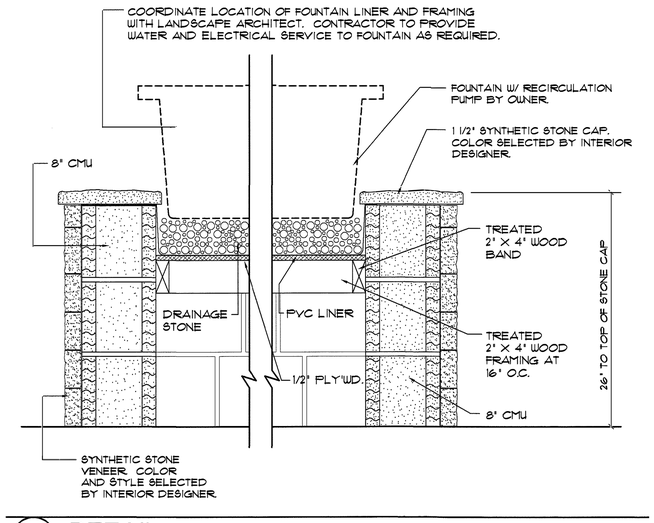


SECTION

INTERIOR STEEL COLUMNS TO BE WRAPPED WITH (2) LAYERS OF 5/8" FIRECODE G.W.B. PRIOR TO CONSTRUCTING THE FINISHED COLUMN.

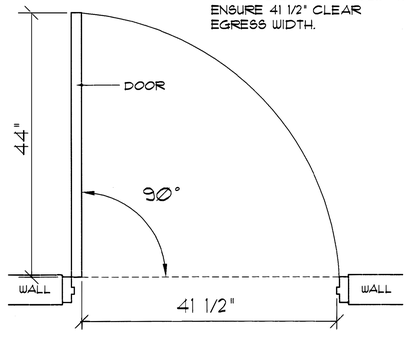
FINISH COLUMN BASE WITH INPRO RIGID VINYL WALLCOVERING TO MATCH CORRIDOR. VERIFY MATERIAL USED WITH INTERIOR DESIGNER DRAWINGS. (I.D. SHEETS) - INPRO USED AS BASIS OF DESIGN.

1805 DETAIL
SCALE: N.T.S.
INTERIOR COLUMN CONSTRUCTION



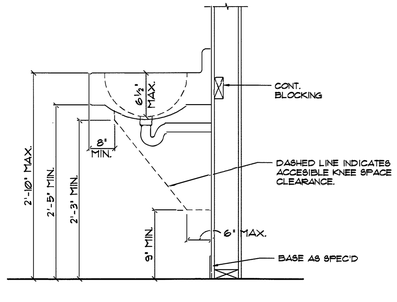
1806 DETAIL
SCALE: N.T.S.
INTERIOR FOUNTAIN AT ROTUNDA

NOTE: ALL BEDROOM DOORS AND PHYSICAL THERAPY DOORS TO HAVE OFFSET HINGES TO ENSURE 41 1/2" CLEAR EGRESS WIDTH.



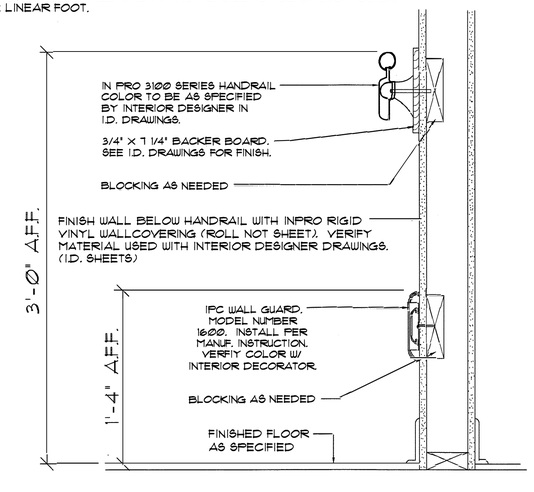
ALL 3'-8" WIDE PATIENT USE DOORS MUST PROVIDE 41 1/2" CLEAR EGRESS WIDTH AS SHOWN OR PROVIDE OFF-SET HINGES TO PROVIDE THE REQUIRED 41 1/2" CLEAR EGRESS WIDTH.

1807 SECTION
SCALE: 1"=1'-0"
MINIMUM REQUIRED CLEAR EGRESS WIDTH AT ALL PATIENT USE DOORS



1808 DETAIL
SCALE: 1" = 1'-0"
CLEARANCES AT WALL-HUNG LAV. FOR H/C ACCESSIBILITY

THE HANDRAIL SHALL COMPLY WITH 4.26 OF THE UNIFORM FEDERAL ACCESSIBILITY STANDARDS. THE HANDRAILS AND FASTENERS MUST SUPPORT A SUSTAINED SHEAR AND TENSILE FORCE OF 250 POUNDS PER LINEAR FOOT.



1809 DETAIL
SCALE: N.T.S
TYPICAL CORRIDOR HANDRAIL

STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-15-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

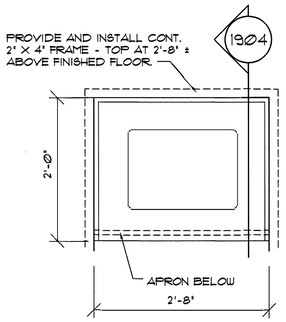
David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED NURSING FACILITY

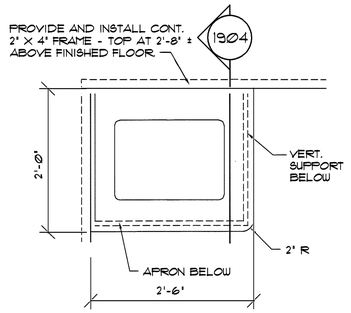
A
18

SEE INTERIOR DESIGN SHEETS FOR COUNTER-TOP AND CABINET MATERIAL / FINISHES FOR ALL ROOMS REQUIRING MILLWORK.

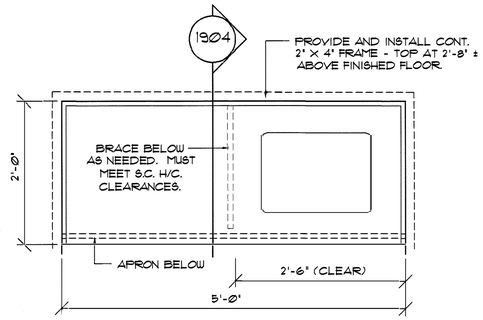
NOTE: SEE I.D. DRAWINGS FOR VANITY MATERIAL AND COLORS. (VERIFY SINK STYLE W/ INTERIOR DESIGNER & PLUMBING DRAWINGS.)



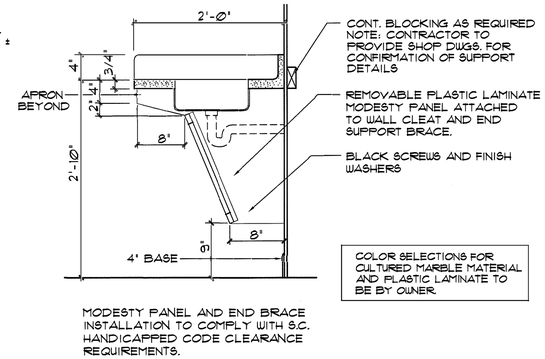
1901 **DETAIL** SCALE: N.T.S. VANITY AT TYPICAL RECESSED LOCATIONS



1902 **DETAIL** SCALE: N.T.S. VANITY AT TYPICAL NON-RECESSED LOCATIONS



1903 **DETAIL** SCALE: N.T.S. VANITY AT TOILET # 74A

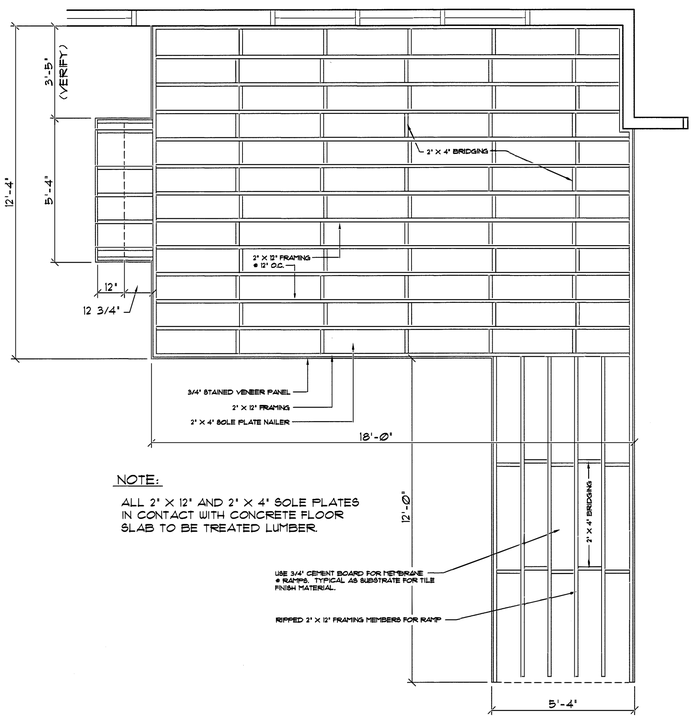


1904 **DETAIL** SCALE: 1" = 1'-0" TYPICAL PATIENT TOILET ROOM VANITY SECTION

NOTE: ALL CABINET HARDWARE TO BE HANDICAPPED ACCESSIBLE IN ORDER TO OPEN DRAWERS / DOORS WITHOUT GRASPING.

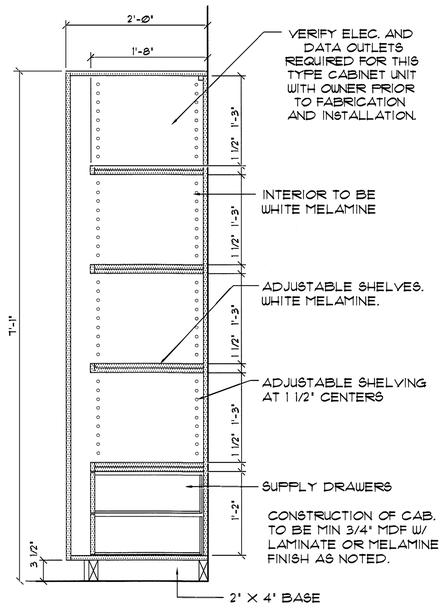
PROVIDE A MINIMUM OF ONE WALL CABINET AT ALL HANDICAPPED UNITS AT 46" MAX. A.F.F. TO BOTTOM SHELF.

NOTE: PLUMBING CONTRACTOR TO INSULATE ALL EXPOSED H.W., C.W., AND WASTE PIPING AT SINKS.



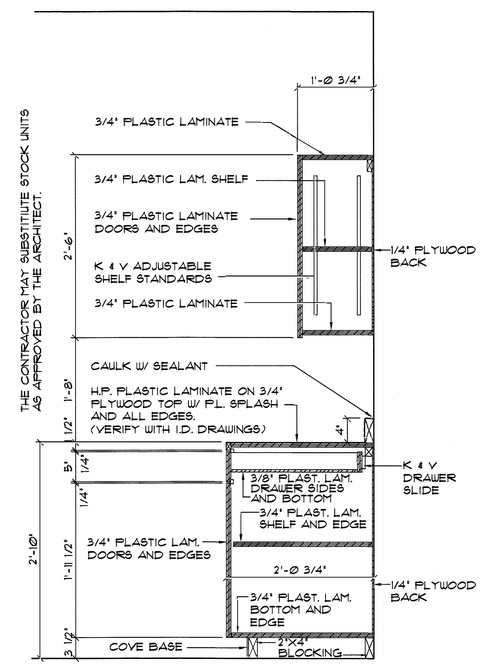
NOTE:
ALL 2" X 12" AND 2" X 4" SOLE PLATES IN CONTACT WITH CONCRETE FLOOR SLAB TO BE TREATED LUMBER.

1905 **FLOOR PLAN** SCALE: 3/8" = 1'-0" PUTTING GREEN FRAMING



CHARTING CABINET TO HAVE CONCEALED CONT. HINGES.

1906 **DETAIL** SCALE: 1"=1'-0" CHARTING CABINET AT NURSES' STATIONS



NOTE: CONTRACTOR TO VERIFY COLOR OF PLASTIC LAMINATE WITH OWNER PRIOR TO FABRICATION OF CABINETS.

1907 **DETAIL** SCALE: 1" = 1'-0" TYPICAL CABINETS

STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-15-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED NURSING FACILITY

A 19

DOOR AND FRAME SCHEDULE

DOOR NO.	DOOR SIZE	DOOR MATERIAL	DOOR TYPE	DOOR LABEL	FRAME MATERIAL	FRAME LABEL	FRAME TYPE	HARDWARE SET	REMARKS
1	7'-4" X 7'-0"	ALUM.	2	—	ALUM.	—	1	E	AUTO DOOR OPENER SYSTEM
2	3'-8" X 7'-0"	ALUM.	1	—	ALUM.	—	2	D	
3	3'-8" X 7'-0"	ALUM.	1	—	ALUM.	—	2	D	
4	3'-8" X 7'-0"	ALUM.	1	—	ALUM.	—	2	D	
5	3'-0" X 7'-0"	HWM	3	—	HWM	—	1	C	FOAM CORE INSULATED
6	3'-8" X 7'-0"	ALUM.	1	—	ALUM.	—	2	D	
7	3'-8" X 7'-0"	HWM	5	—	HWM	—	1	C	FOAM CORE INSULATED
8	6'-0" X 7'-0"	HWM	4	—	HWM	—	1	C	FOAM CORE INSULATED
9	6'-0" X 7'-0"	HWM	4	—	HWM	—	1	C	FOAM CORE INSULATED
9A	3'-0" X 7'-0"	HWM	3	—	HWM	—	1	C	FOAM CORE INSULATED
10	4'-0" X 7'-0"	ALUM.	1	—	ALUM.	—	3	D	
11	3'-0" X 7'-0"	HWM	3	—	HWM	—	1	C	FOAM CORE INSULATED
11A	6'-0" X 7'-0"	HWM	4	—	HWM	—	1	C	FOAM CORE INSULATED
12	3'-8" X 7'-0"	ALUM.	1	—	ALUM.	—	4	D	
13	3'-8" X 7'-0"	ALUM.	1	—	ALUM.	—	2	D	
14	3'-8" X 7'-0"	ALUM.	1	—	ALUM.	—	2	D	
15	3'-8" X 7'-0"	ALUM.	1	—	ALUM.	—	5	E	AUTO DOOR OPENER SYSTEM
16	3'-8" X 7'-0"	ALUM.	1	—	ALUM.	—	2	D	
17	3'-8" X 7'-0"	ALUM.	1	—	ALUM.	—	1	D	
18	7'-4" X 7'-0"	ALUM.	2	—	ALUM.	—	1	C	
19	7'-4" X 7'-0"	ALUM.	2	—	ALUM.	—	1	E	
20	3'-8" X 7'-0"	ALUM.	1	—	ALUM.	—	2	C	
21	7'-4" X 7'-0"	ALUM.	2	—	ALUM.	—	1	C	
22	7'-4" X 7'-0"	ALUM.	2	—	ALUM.	—	1	E	
23	3'-8" X 7'-0"	ALUM.	1	—	ALUM.	—	2	C	
24	3'-0" X 7'-0"	SCW	10	LRDA	HWM	—	1	F	
25	3'-0" X 7'-0"	SCW	10	LRDA	HWM	—	1	F	
26	3'-0" X 7'-0"	SCW	10	LRDA	HWM	—	1	F	
27	3'-8" X 7'-0"	SCW	10	LRDA	HWM	—	1	F	
28	3'-0" X 7'-0"	SCW	10	LRDA	HWM	—	1	F	
29	3'-0" X 7'-0"	SCW	10	LRDA	HWM	—	1	F	
30	3'-0" X 7'-0"	SCW	10	—	HWM	—	1	F	
31	3'-0" X 7'-0"	SCW	10	—	HWM	—	1	F	
32	3'-0" X 7'-0"	SCW	10	—	HWM	—	1	F	
33	3'-8" X 7'-0"	SCW	10	LRDA	HWM	—	1	F	
33A	3'-8" X 7'-0"	SCW	3	—	HWM	—	1	J	
33B	3'-8" X 7'-0"	SCW	3	—	HWM	—	1	J	
33C	3'-0" X 7'-0"	SCW	3	—	HWM	—	1	J	
33D	3'-0" X 7'-0"	SCW	3	—	HWM	—	1	J	
33E	3'-0" X 7'-0"	SCW	3	—	HWM	—	1	J	
34	3'-0" X 7'-0"	SCW	3	—	HWM	—	1	H	
35	3'-0" X 7'-0"	SCW	3	—	HWM	—	1	H	
36	3'-0" X 7'-0"	SCW	10	LRDA	HWM	—	1	F	
37	3'-0" X 7'-0"	SCW	3	45MIN	HWM	45MIN	1	H	'5' LABEL
38	7'-4" X 7'-0"	SCW	11	LRDA	HWM	—	1	P	
39	7'-4" X 7'-0"	SCW	14	LRDA	HWM	—	1	P	
40	7'-4" X 7'-0"	SCW	6	LRDA	HWM	—	1	P	
41	3'-0" X 7'-0"	SCW	3	45MIN	HWM	45MIN	1	H	'5' LABEL
42	3'-0" X 7'-0"	SCW	3	45MIN	HWM	45MIN	1	H	'5' LABEL
43	3'-6" X 7'-0"	SCW	12	LRDA	HWM	—	1	H	
43A	3'-0" X 7'-0"	SCW	12	LRDA	HWM	—	1	G	
44	4'-0" X 7'-0"	SCW	4	LRDA	HWM	—	1	Q	
45	3'-0" X 7'-0"	SCW	3	45MIN	HWM	45MIN	1	H	'5' LABEL
46	3'-0" X 7'-0"	SCW	3	45MIN	HWM	45MIN	1	H	'5' LABEL
47	3'-0" X 7'-0"	SCW	3	LRDA	HWM	—	1	H	
48	3'-0" X 7'-0"	SCW	12	LRDA	HWM	—	1	H	
49	3'-0" X 7'-0"	SCW	3	LRDA	HWM	—	1	I	
50	3'-0" X 7'-0"	SCW	3	45MIN	HWM	45MIN	1	H	'5' LABEL
51	3'-0" X 7'-0"	SCW	3	45MIN	HWM	45MIN	1	H	'5' LABEL
52	3'-0" X 7'-0"	SCW	3	45MIN	HWM	45MIN	1	H	'5' LABEL
53	3'-0" X 7'-0"	SCW	12	LRDA	HWM	—	1	F	
54	3'-0" X 7'-0"	SCW	3	45MIN	HWM	45MIN	1	H	'5' LABEL
55	3'-0" X 7'-0"	SCW	3	LRDA	HWM	—	1	I	
56	3'-0" X 7'-0"	SCW	3	45MIN	HWM	45MIN	1	H	'5' LABEL
57	3'-0" X 7'-0"	SCW	12	LRDA	HWM	—	1	H	
58	3'-0" X 7'-0"	SCW	3	LRDA	HWM	—	1	H	
59	3'-0" X 7'-0"	SCW	10	LRDA	HWM	—	1	F	
60	3'-0" X 7'-0"	SCW	3	45MIN	HWM	45MIN	1	H	'5' LABEL
61	3'-8" X 7'-0"	SCW	5	LRDA	HWM	—	1	H	
61A	3'-8" X 7'-0"	SCW	5	LRDA	HWM	—	1	H	
61B	3'-8" X 7'-0"	SCW	5	LRDA	HWM	—	1	G	
61C	3'-0" X 7'-0"	SCW	3	—	HWM	—	1	G	
61D	3'-0" X 7'-0"	SCW	10	—	HWM	—	1	F	
61E	3'-0" X 7'-0"	SCW	3	—	HWM	—	1	F	
61F	3'-0" X 7'-0"	SCW	3	—	HWM	—	1	J	
61G	3'-0" X 7'-0"	SCW	3	45MIN	HWM	45MIN	1	G	
61H	3'-0" X 7'-0"	SCW	3	45MIN	HWM	45MIN	1	H	'5' LABEL
62	4'-0" X 7'-0"	SCW	7	45MIN	HWM	45MIN	1	H	'5' LABEL
62A	4'-0" X 7'-0"	SCW	7	45MIN	HWM	45MIN	1	H	'5' LABEL
62B	3'-0" X 7'-0"	SCW	3	—	HWM	—	1	F	
62C	2'-0" X 7'-0"	SCW	3	—	HWM	—	1	F	
63	3'-0" X 7'-0"	SCW	3	45MIN	HWM	45MIN	1	H	'5' LABEL
64	3'-0" X 7'-0"	SCW	3	45MIN	HWM	45MIN	1	H	'5' LABEL
65	3'-0" X 7'-0"	SCW	3	LRDA	HWM	—	1	I	
66	3'-0" X 7'-0"	SCW	3	45MIN	HWM	45MIN	1	H	'5' LABEL
67	3'-0" X 7'-0"	SCW	12	LRDA	HWM	—	1	H	
68	3'-0" X 7'-0"	SCW	3	LRDA	HWM	—	1	H	
69	3'-0" X 7'-0"	SCW	3	45MIN	HWM	45MIN	1	H	'5' LABEL
70	3'-0" X 7'-0"	SCW	3	LRDA	HWM	—	1	H	
71	3'-6" X 7'-0"	SCW	12	LRDA	HWM	—	1	H	
71A	3'-0" X 7'-0"	SCW	12	LRDA	HWM	—	1	G	
72	4'-0" X 7'-0"	SCW	4	LRDA	HWM	—	1	Q	
73	3'-0" X 7'-0"	SCW	3	LRDA	HWM	—	1	H	
74	3'-0" X 7'-0"	SCW	3	LRDA	HWM	—	1	H	
75	3'-0" X 7'-0"	SCW	3	45MIN	HWM	45MIN	1	H	'5' LABEL

DOOR AND FRAME SCHEDULE

DOOR NO.	DOOR SIZE	DOOR MATERIAL	DOOR TYPE	DOOR LABEL	FRAME MATERIAL	FRAME LABEL	FRAME TYPE	HARDWARE SET	REMARKS
76	3'-8" X 7'-0"	SCW	10	LRDA	HWM	—	1	F	
76A	3'-8" X 7'-0"	SCW	10	LRDA	HWM	—	1	F	
76B	3'-8" X 7'-0"	SCW	11	LRDA	HWM	—	1	P	
76C	3'-0" X 7'-0"	SCW	3	45MIN	HWM	45MIN	1	H	
76D	3'-0" X 7'-0"	SCW	10	—	HWM	—	1	F	
76E	3'-0" X 7'-0"	SCW	3	—	HWM	—	1	J	
76F	4'-0" X 7'-0"	SCW	4	—	HWM	—	1	M	
76G	6'-0" X 7'-0"	SCW	4	—	HWM	—	1	P	
76H	3'-0" X 7'-0"	SCW	3	45MIN	HWM	45MIN	1	H	
76 I	3'-8" X 7'-0"	SCW	10	LRDA	HWM	—	1	F	
77	3'-8" X 7'-0"	SCW	10	LRDA	HWM	—	1	F	
77A	3'-8" X 7'-0"	SCW	10	LRDA	HWM	—	1	F	
77B	3'-0" X 7'-0"	SCW	3	LRDA	HWM	—	1	I	
77C	3'-0" X 7'-0"	SCW	3	LRDA	HWM	—	1	I	
77D	3'-0" X 7'-0"	SCW	3	LRDA	HWM	—	1	F	
77E	3'-0" X 7'-0"	SCW	3	LRDA	HWM	—	1	F	
77F	3'-0" X 7'-0"	SCW	3	LRDA	HWM	—	1	J	
78	7'-4" X 7'-0"	SCW	13	LRDA	HWM	—	1	L	DOUBLE EGRESS FRAME
79	7'-4" X 7'-0"	SCW	13	LRDA	HWM	—	1	L	DOUBLE EGRESS FRAME
80	7'-4" X 7'-0"	SCW	13	LRDA	HWM	—	1	L	DOUBLE EGRESS FRAME
81	7'-4" X 7'-0"	SCW	6	LRDA	HWM	—	1	L	DOUBLE EGRESS FRAME
82	7'-4" X 7'-0"	SCW	8	LRDA	HWM	—	1	K	DOUBLE EGRESS FRAME
83	7'-4" X 7'-0"	SCW	8	20MIN	HWM	20MIN	1	K	DOUBLE EGRESS FRAME / '8' LABEL
84	7'-4" X 7'-0"	SCW	8	20MIN	HWM	20MIN	1	K	DOUBLE EGRESS FRAME / '8' LABEL
85	7'-4" X 7'-0"	SCW	8	20MIN	HWM	20MIN	1	K	DOUBLE EGRESS FRAME / '8' LABEL
86	7'-4" X 7'-0"	SCW	9	90MIN	HWM	90MIN	6	K	DOUBLE EGRESS FRAME / '8' LABEL
87	7'-4" X 7'-0"	SCW	9	90MIN	HWM	90MIN	6	K	DOUBLE EGRESS FRAME / '8' LABEL
88	7'-4" X 7'-0"	SCW	9	90MIN	HWM	90MIN	6	K	DOUBLE EGRESS FRAME / '8' LABEL
89	7'-4" X 7'-0"	SCW	9	90MIN	HWM	90MIN	6	K	DOUBLE EGRESS FRAME / '8' LABEL
90	7'-4" X 7'-0"	SCW	9	90MIN	HWM	90MIN	6	K	DOUBLE EGRESS FRAME / '8' LABEL

HARDWARE SCHEDULE

A	3,9,15,17,30
B	2,7
C	1,8,10,14,18
D	1,8,10,14,18,26
E	1,8,10,14,18,26,27
F	1,9,15,17,19
G	1,8,9,15,17,19
H	1,8,9,15,17,31
I	1,4,8,9,15,17
J	1,4,9,15,17
K	1,6,8,9,11,13
L	1,5,8,9,11,13
M	1,13,16,19
N	3,15,17,20,30
O	7,28
P	1,6,8,11,13,24
Q	1,8,13,19,23,24

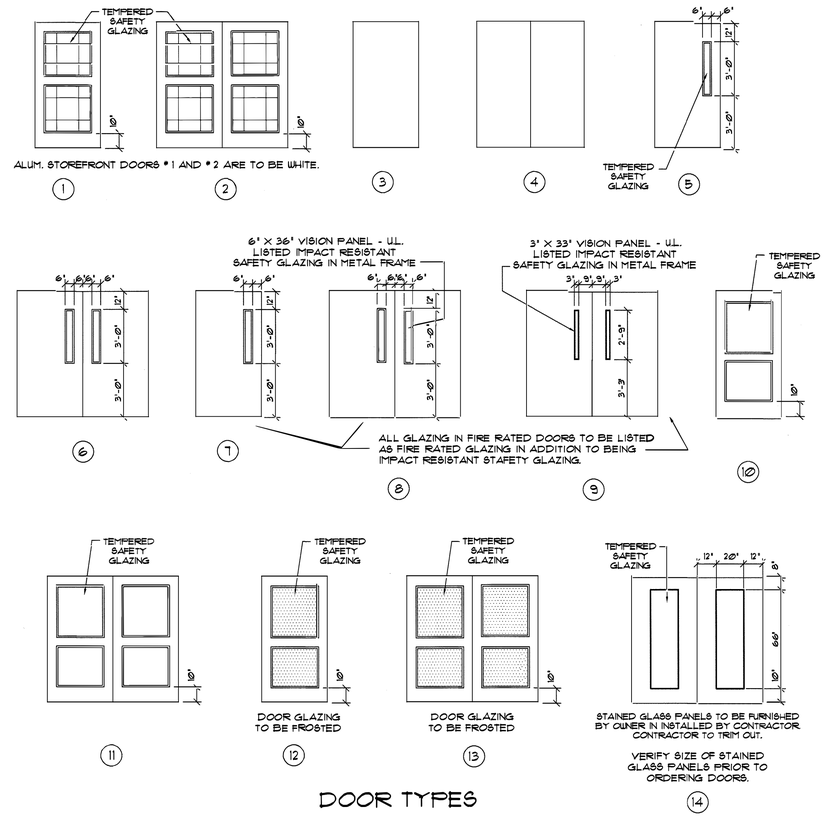
1) FULL MORTISE BALL BEARING HINGES
2) OVERHEAD BARN DOOR TRACK - PEMKO SET W100
3) LEVER HANDLE PASSAGE LATCH (BASIS OF DESIGN)
4) LEVER HANDLE PRIVACY LOCK
5) PUSH / PULL SET
6) FIRE EXIT VERTICAL ROD EXIT DEVICE
7) 6" U SHAPED PULL ON EACH SIDE OF DOOR
8) CLOSER
9) WALL MOUNTED DOOR BUMPER WITH ADEQUATE WOOD BLOCKING
10) UL LISTED EXIT DEVICE WITH EXTERIOR LEVER HANDLE ENTRY LOCKSET
11) ELECTRONIC HOLD-OPEN DEVICE TIED TO FIRE ALARM SYSTEM
12) SURFACE MOUNTED OVERHEAD DOOR STOP
13) METAL ASTRAGAL
14) ALUMINUM THRESHOLD W/ DOOR SWEEP
15) 16" HIGH KICK PLATE - VARYING WIDTH (PC BRONZ TO MATCH COLOR OF DOORS.
16) MANUAL FLUSH BOLTS
17) DOOR SILENCERS
18) WEATHER STRIPPING
19) LEVER HANDLE LOCKSET (OFFICE FUNCTION)
20) ORBIT KEYLOCK (STORAGE FUNCTION)
21) FLOOR STOP (AT BEDROOM WARDROBE UNITS)
22) LEVER HANDLE LOCKSET (STORAGE FUNCTION)
23) AUTOMATIC FLUSH BOLTS
24) DOOR COORDINATOR
25) SMOKE GASKETING
26) MAGNETIC DOOR LOCK
27) POWERED AUTOMATIC DOOR OPENER SYSTEM
28) KEYED DEADBOLT
29) MANUAL FLUSH BOLTS
30) FULL MORTISE BALL BEARING OFFSET HINGES
31) LEVER HANDLE KEYPAD LOCKSET

NOTE: NO KICKPLATES REQUIRED FOR DOOR TYPES 10, 11, 12, 13, & 14.

SEE SHEET A-36 FOR STORAGE BUILDING DOOR REQUIREMENTS

DOOR AND HARDWARE NOTES

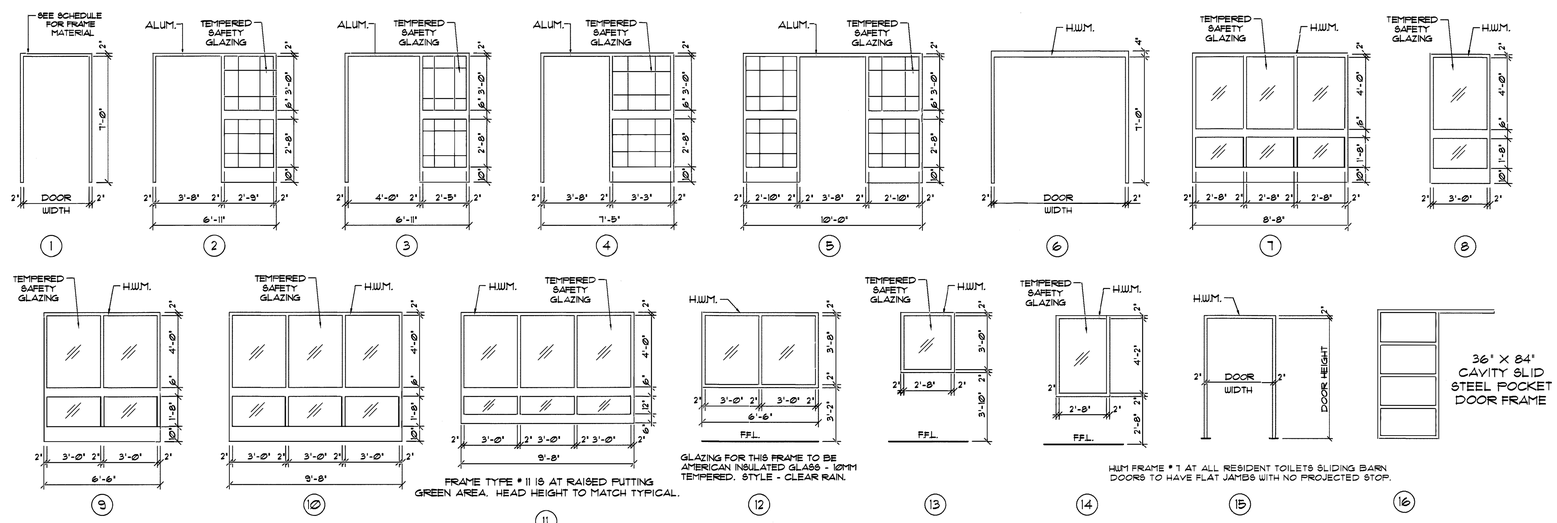
1. '5' LABEL FOR FIRE RATED DOOR ASSEMBLY TESTED AND APPROVED FOR SMOKE RESISTANCE.
2. 'LRDA' LEAKAGE RATED DOOR FOR SMOKE AND DRAFT CONTROL.
3. CONTRACTOR TO COORDINATE LOCATION OF CENTER BAR OF DOOR WITH THAT OF ADJACENT DOOR FRAME.
4. SEE DOOR AND FRAME SCHEDULE FOR DOOR AND FRAME MATERIALS.
5. ALUM. DOOR PANIC DEVICES TO BE CONCEALED RODS WITH FLUSH PANIC DEVICES INTERGRATED INTO DOOR.
6. DOORS 18, 19, 20, 21, 22, AND 23 TO HAVE CONCEALED VERTICAL ROD EXIT DEVICE WITH BLANK ESCUTCHEON LEVER HANDLE (NO CYLINDER LOCK). DOOR TO BE OPERABLE (OPENED) FROM BOTH SIDES.
7. DOORS 1, 2, 3, 4, 5, 6, 7, 8, 9, 9A, 10, 11, 11A 12, 13, 14, 15, 16, AND 17 TO HAVE CONCEALED VERTICAL ROD EXIT DEVICE WITH CYLINDER LEVER TRIM (CYLINDER PROVIDED). DOOR TO BE OPERABLE FROM INTERIOR AT ALL TIMES WITH PANIC BAR. DOOR TO OPERATE FROM EXTERIOR WITH CYLINDER DISENGAGED.
8. DOORS 1, 19, AND 22 TO HAVE AUTOMATIC DOOR OPENER WITH ADA PUSH PLATES ON BOTH SIDES OF DOOR.
9. CONTRACTOR TO PROVIDE WOOD BLOCKING BETWEEN STUDS TO ADEQUATELY SUPPORT OVERHEAD BARN DOOR TRACK.
10. CONTRACTOR TO VERIFY REQUIRED FRAME THROAT OPENING WIDTH FOR EACH INTERIOR PARTITION PRIOR TO ORDERING FRAMES.
11. HWM FOR RESIDENT TOILETS SLIDING BARN DOORS TO HAVE FLAT JAMB FACE WITH NO PROJECTED STOP.



DOOR TYPES

OVERHEAD BARN DOOR TRACK TO HAVE GLIDE PINS.

NOTE: ALL ALUMINUM STOREFRONT FRAMES TO BE WHITE.



FRAME TYPES

STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-15-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED NURSING FACILITY

A
20

DOOR AND FRAME SCHEDULE

DOOR NO.	DOOR SIZE	DOOR MATERIAL	DOOR TYPE	DOOR LABEL	FRAME MATERIAL	FRAME LABEL	FRAME TYPE	HARDWARE SET	REMARKS
101	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
102	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
103	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
104	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
105	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
106	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
107	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
108	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
109	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
110	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
111	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
112	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
113	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
114	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
115	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
116	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
117	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
118	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
119	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
120	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
121	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
122	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
123	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
124	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
201	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
202	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
203	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
204	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
205	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
206	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
207	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
208	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
209	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
210	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
211	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
212	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
212A	3'-0" X 7'-0"	SCW	3	—	HWM	—	16	O	POCKET DOOR FRAME
213	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
214	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
215	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
216	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
217	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
218	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
219	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
220	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
221	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
222	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
223	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
224	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
225	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
226	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
227	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
228	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
229	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
230	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
231	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
232	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
301	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
302	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
303	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
304	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
305	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
306	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
307	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
308	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
309	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
310	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
311	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
312	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
313	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
314	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
315	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
316	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
317	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
318	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
319	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
320	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
321	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
322	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
323	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
324	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING

DOOR AND FRAME SCHEDULE

DOOR NO.	DOOR SIZE	DOOR MATERIAL	DOOR TYPE	DOOR LABEL	FRAME MATERIAL	FRAME LABEL	FRAME TYPE	HARDWARE SET	REMARKS
401	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
402	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
403	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
404	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
405	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
406	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
407	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
408	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
409	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
410	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
411	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
412	3'-8" X 7'-0"	SCW	3	LRDA	HWM		1	A	OFFSET HINGES
413	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
414	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
415	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
416	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
417	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
418	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
419	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
420	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
421	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
422	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
423	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
424	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
501	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
502	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
503	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
504	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
505	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
506	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
507	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
508	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
509	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
510	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
511	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
512	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
513	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
514	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
515	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
516	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
517	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
518	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
519	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
520	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
521	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
522	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
523	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
524	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
601	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
602	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
603	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
604	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
605	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
606	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
607	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
608	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
609	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
610	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
611	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
612	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
613	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
614	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
615	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
616	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
617	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
618	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
619	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
620	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
621	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
622	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
623	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
624	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING

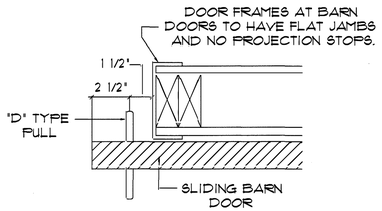
DOOR AND FRAME SCHEDULE

DOOR NO.	SIZE	DOOR MATERIAL	DOOR TYPE	DOOR LABEL	FRAME MATERIAL	FRAME LABEL	FRAME TYPE	HARDWARE SET	REMARKS
701	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
702	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
703	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
704	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
705	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
706	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
707	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
708	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
709	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
710	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
711	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
712	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
713	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
714	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
715	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
716	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
717	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
718	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
719	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
720	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
721	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
722	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
723	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
724	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
801	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
802	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
803	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
804	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
805	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
806	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
807	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
808	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
809	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
810	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
811	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
812	3'-8" X 7'-0"	SCW	3	LRDA	HWM	—	1	A	OFFSET HINGES
813	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
814	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
815	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
816	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
817	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
818	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
819	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
820	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
821	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
822	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
823	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING
824	3'-2" X 7'-0"	SCW	3	—	HWM	—	15	B	3'-0" x 6'-10" OPENING

NOTES: "S" DOOR LABEL FOR FIRE RATED DOOR ASSEMBLY TESTED AND APPROVED FOR SMOKE RESISTANCE.

"LRDA" LEAKAGE RATED DOOR ASSEMBLY FOR SMOKE AND DRAFT CONTROL.

CLEAR OPENING / DOOR STOP PLACEMENT



DOOR PULL PLACEMENT

(WHEN DOOR IS FULLY OPENED)

(2101) **SECTION** TYPICAL BARN DOOR OPENING REQUIREMENTS

SCALE: N.T.S.

STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT

4.15.2025

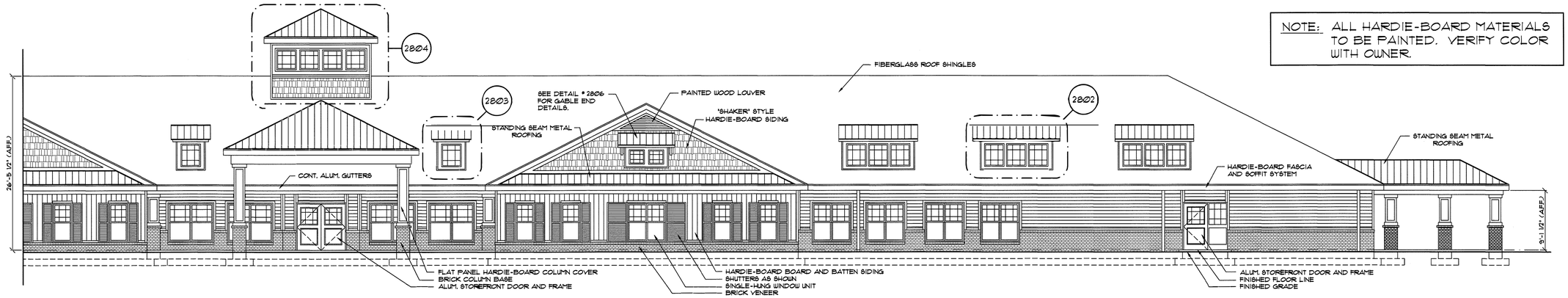
PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

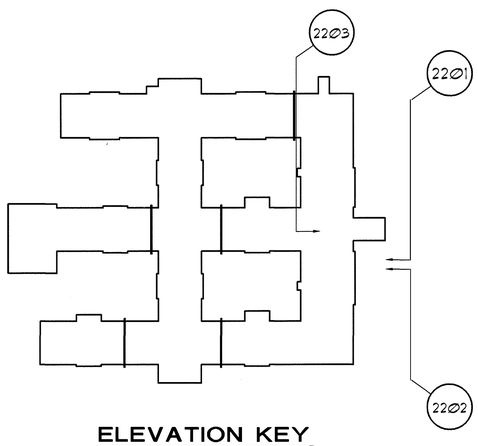
100 BED
NURSING FACILITY

A
21

NOTE: ALL HARDIE-BOARD MATERIALS TO BE PAINTED. VERIFY COLOR WITH OWNER.



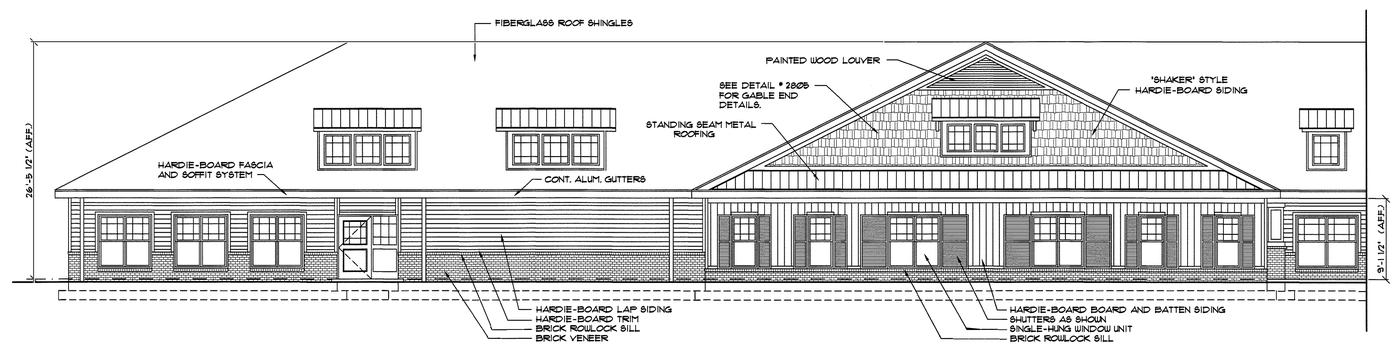
2201 **ELEVATION**
SCALE: 1/8" = 1'-0"



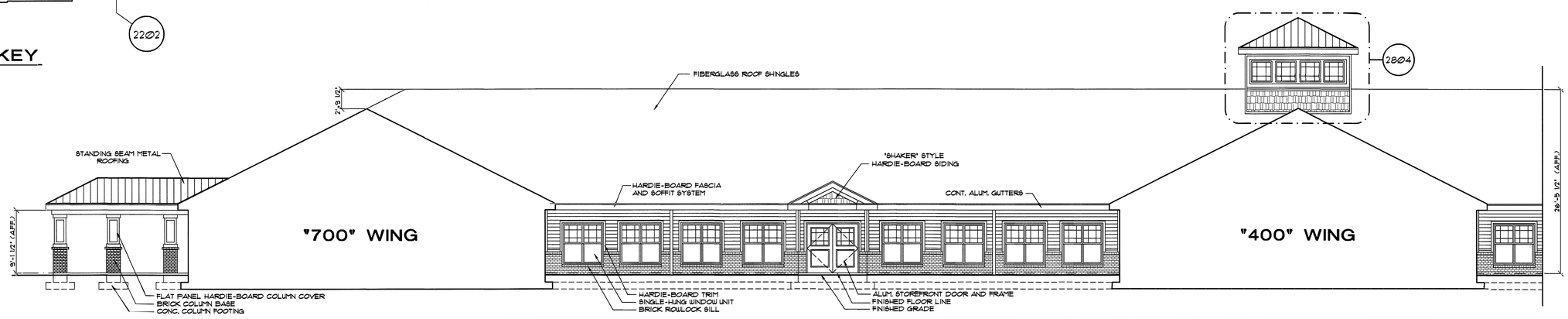
ELEVATION KEY

DOWNSPOUT NOTES:

1. SEE SITE PLANS FOR LOCATIONS OF COURTYARD DOWNSPOUTS PIPED TO YARD INLETS.
2. ALL COURTYARD DOWNSPOUTS TO BE PIPED TO SITE STORMWATER DRAINAGE SYSTEM.
3. DOWNSPOUTS ARE NOT SHOWN AT COLUMNS FOR CLARITY. VERIFY PLACEMENT W/ ARCHITECT.
4. ALL EXTERIOR PERIMETER DOWNSPOUTS TO HAVE CONCRETE SPLASH BLOCKS. PLASTIC SPLASH BLOCKS ARE NOT ALLOWED.



2202 **ELEVATION**
SCALE: 1/8" = 1'-0"



2203 **ELEVATION**
SCALE: 1/8" = 1'-0"

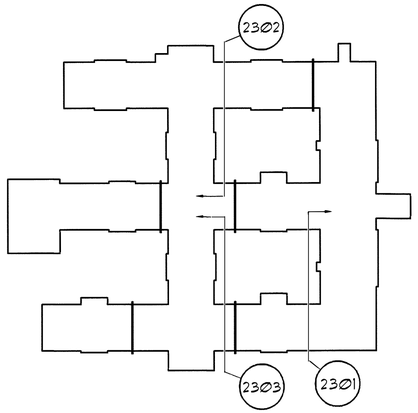
STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-15-2015

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

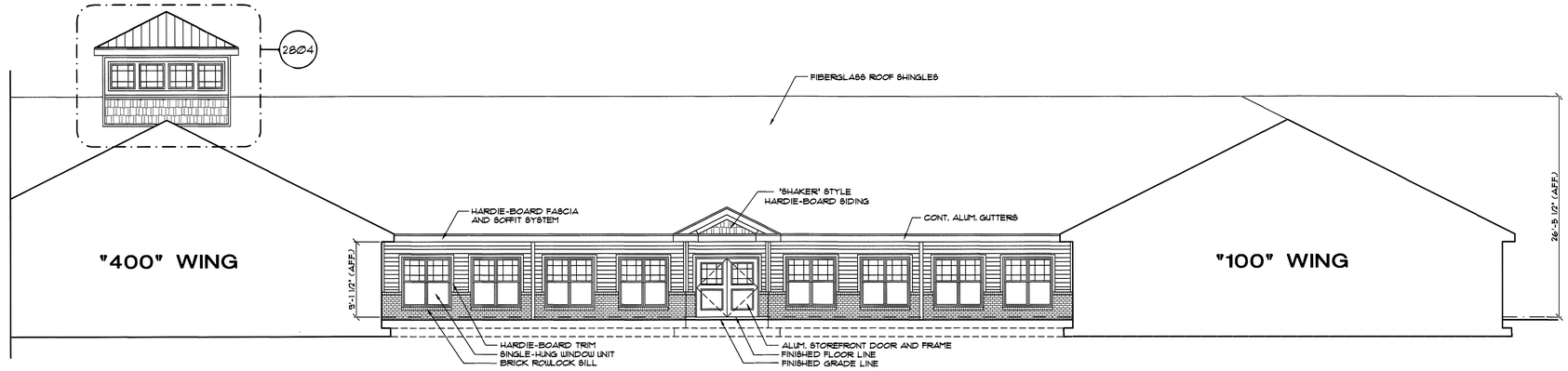
David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED
NURSING FACILITY

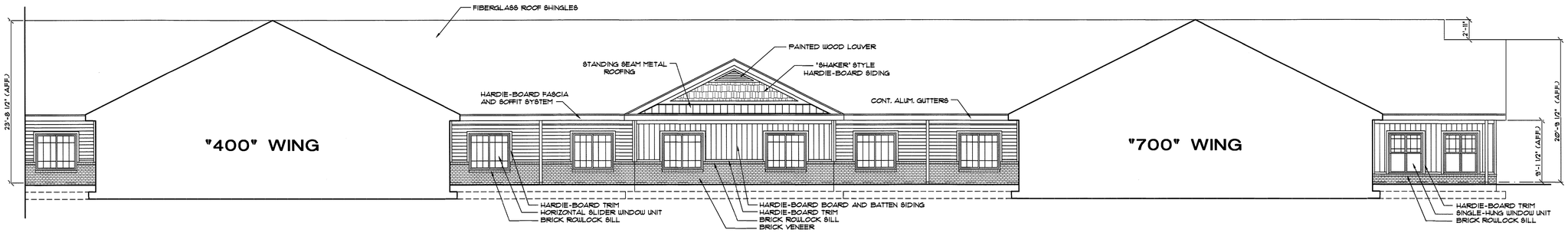
A
22



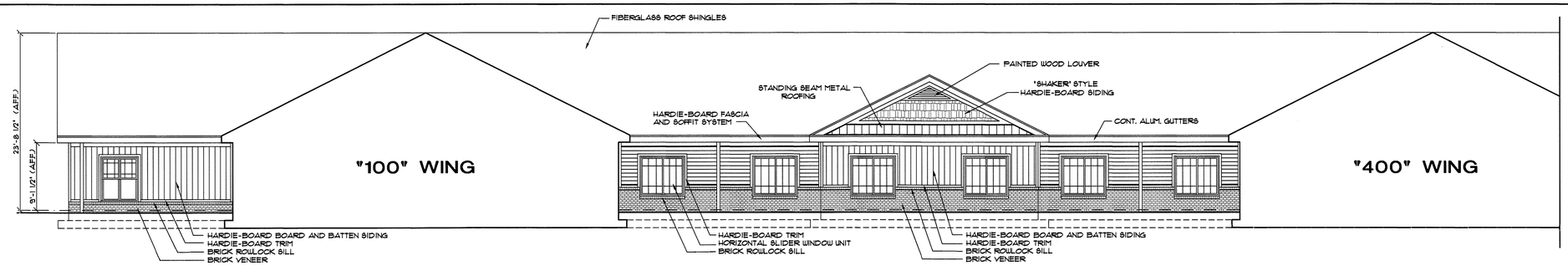
ELEVATION KEY



2301 **ELEVATION**
SCALE: 1/8" = 1'-0"



2302 **ELEVATION**
SCALE: 1/8" = 1'-0"

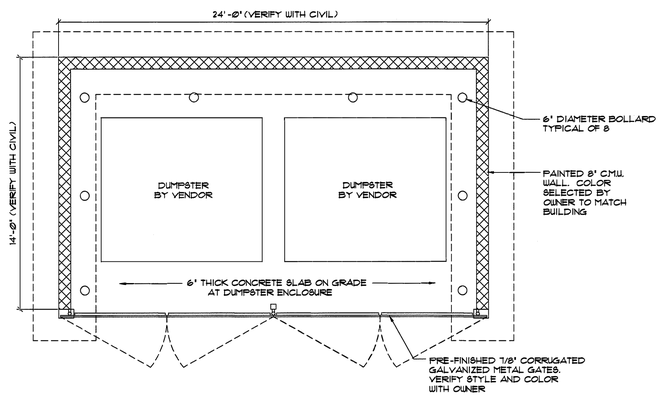


2303 **ELEVATION**
SCALE: 1/8" = 1'-0"

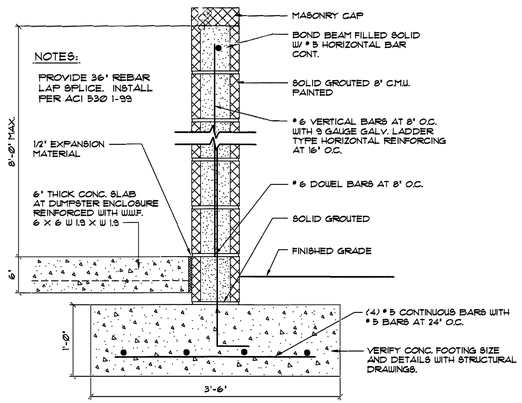
DOWNSPOUT NOTES:

1. SEE SITE PLANS FOR LOCATIONS OF COURTYARD DOWNSPOUTS PIPED TO YARD INLETS.
2. ALL COURTYARD DOWNSPOUTS TO BE PIPED TO SITE STORMWATER DRAINAGE SYSTEM.
3. DOWNSPOUTS ARE NOT SHOWN AT COLUMNS FOR CLARITY. VERIFY PLACEMENT W/ ARCHITECT.
4. ALL EXTERIOR PERIMETER DOWNSPOUTS TO HAVE CONCRETE SPLASH BLOCKS. PLASTIC SPLASH BLOCKS ARE NOT ALLOWED.

NOTE: ALL HARDIE-BOARD MATERIALS TO BE PAINTED. VERIFY COLOR WITH OWNER.



2304 **FLOOR PLAN** DUMPSTER PLAN
SCALE: 1/4" = 1'-0"



2305 **SECTION** DUMPSTER WALL
SCALE: 1"=1'-0"

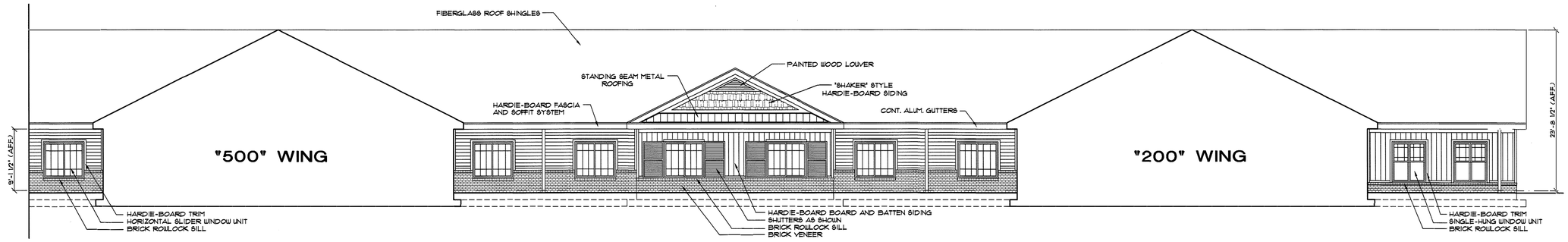
STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-15-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

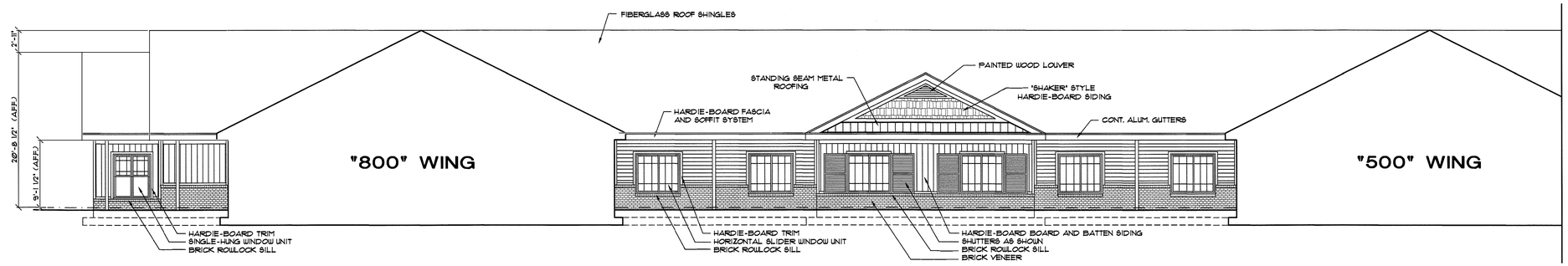
David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED
NURSING FACILITY

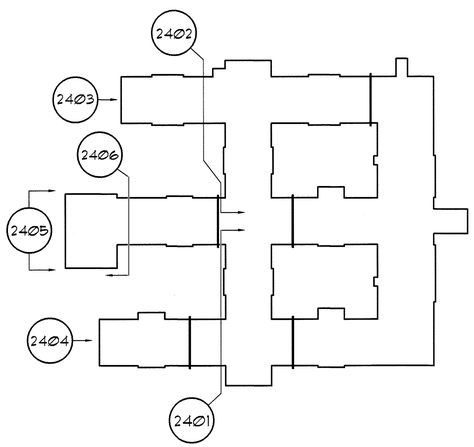
A
23



2401 **ELEVATION**
SCALE: 1/8" = 1'-0"



2402 **ELEVATION**
SCALE: 1/8" = 1'-0"

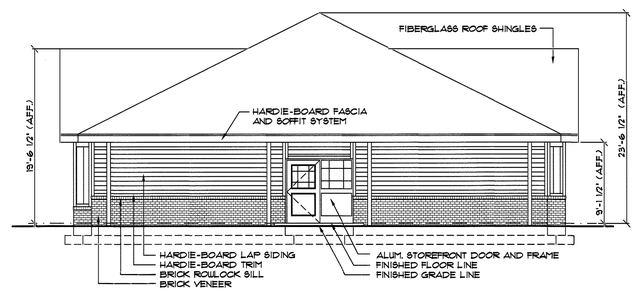


ELEVATION KEY

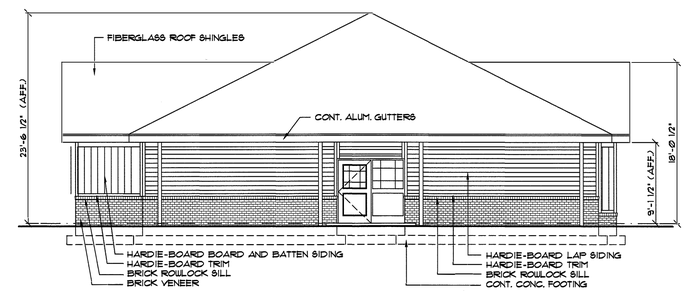
DOWNSPOUT NOTES:

1. SEE SITE PLANS FOR LOCATIONS OF COURTYARD DOWNSPOUTS PIPED TO YARD INLETS.
2. ALL COURTYARD DOWNSPOUTS TO BE PIPED TO SITE STORMWATER DRAINAGE SYSTEM.
3. DOWNSPOUTS ARE NOT SHOWN AT COLUMNS FOR CLARITY. VERIFY PLACEMENT W/ ARCHITECT.
4. ALL EXTERIOR PERIMETER DOWNSPOUTS TO HAVE CONCRETE SPLASH BLOCKS. PLASTIC SPLASH BLOCKS ARE NOT ALLOWED.

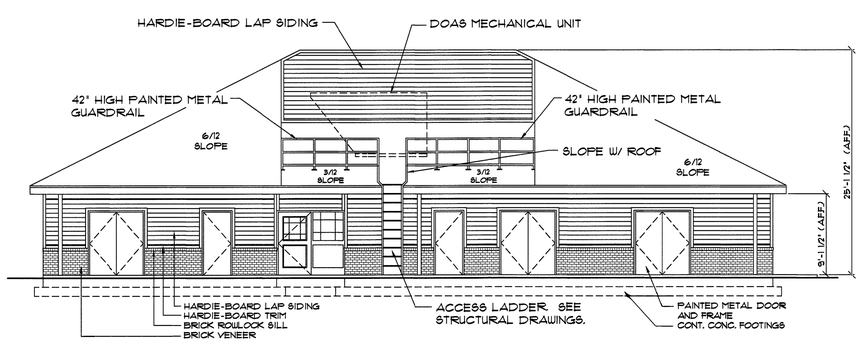
NOTE: ALL HARDIE-BOARD MATERIALS TO BE PAINTED. VERIFY COLOR WITH OWNER.



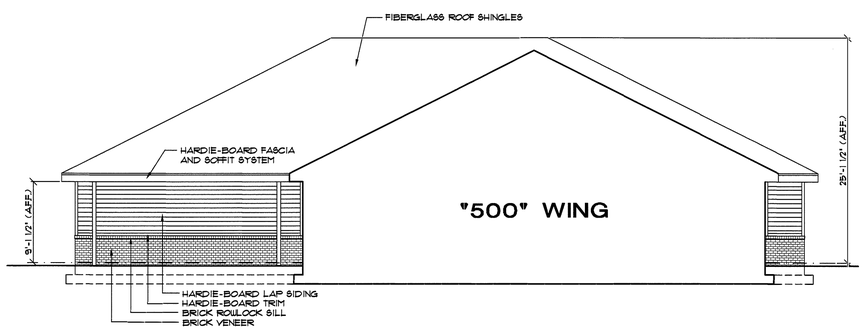
2403 **ELEVATION**
SCALE: 1/8" = 1'-0"



2404 **ELEVATION**
SCALE: 1/8" = 1'-0"



2405 **ELEVATION**
SCALE: 1/8" = 1'-0"



2406 **ELEVATION**
SCALE: 1/8" = 1'-0"

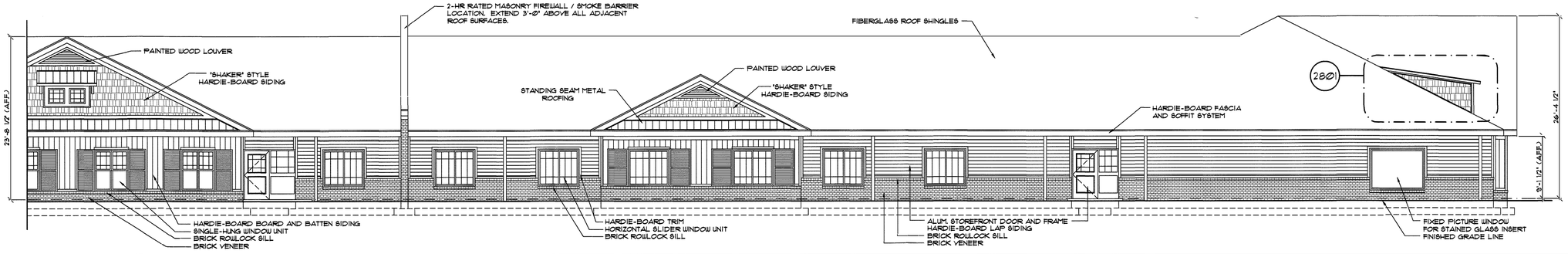
STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-15-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED
NURSING FACILITY

A
24

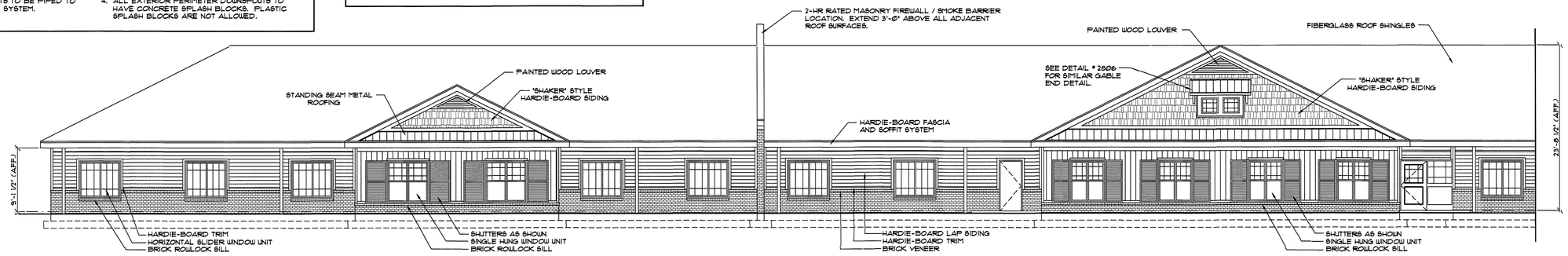


2501 **ELEVATION**
SCALE: 1/8" = 1'-0"

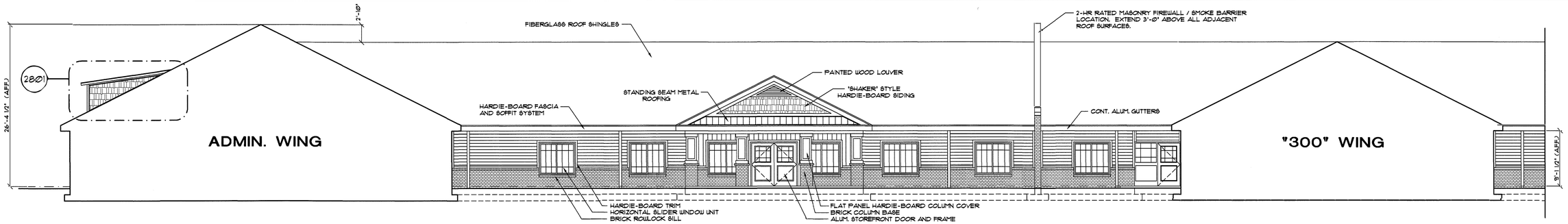
DOWNSPOUT NOTES:

1. SEE SITE PLANS FOR LOCATIONS OF COURTYARD DOWNSPOUTS PIPED TO YARD INLETS.
2. ALL COURTYARD DOWNSPOUTS TO BE PIPED TO SITE STORMWATER DRAINAGE SYSTEM.
3. DOWNSPOUTS ARE NOT SHOWN AT COLUMNS FOR CLARITY. VERIFY PLACEMENT W/ ARCHITECT.
4. ALL EXTERIOR PERIMETER DOWNSPOUTS TO HAVE CONCRETE SPLASH BLOCKS. PLASTIC SPLASH BLOCKS ARE NOT ALLOWED.

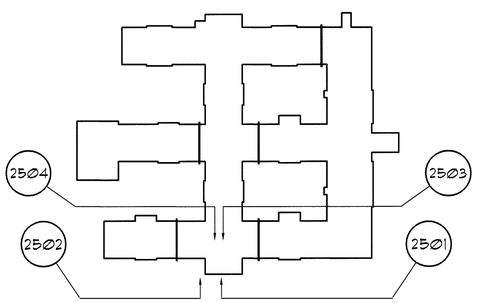
NOTE: ALL HARDIE-BOARD MATERIALS TO BE PAINTED. VERIFY COLOR WITH OWNER.



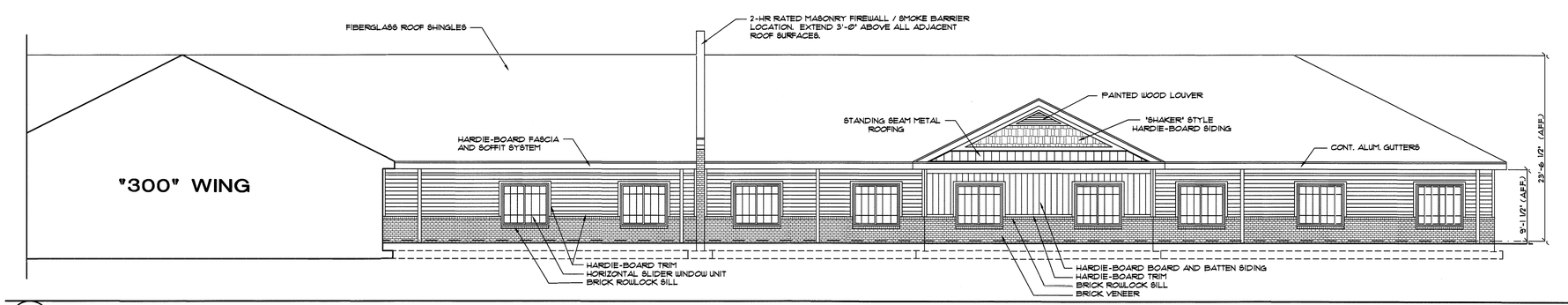
2502 **ELEVATION**
SCALE: 1/8" = 1'-0"



2503 **ELEVATION**
SCALE: 1/8" = 1'-0"



ELEVATION KEY



2504 **ELEVATION**
SCALE: 1/8" = 1'-0"

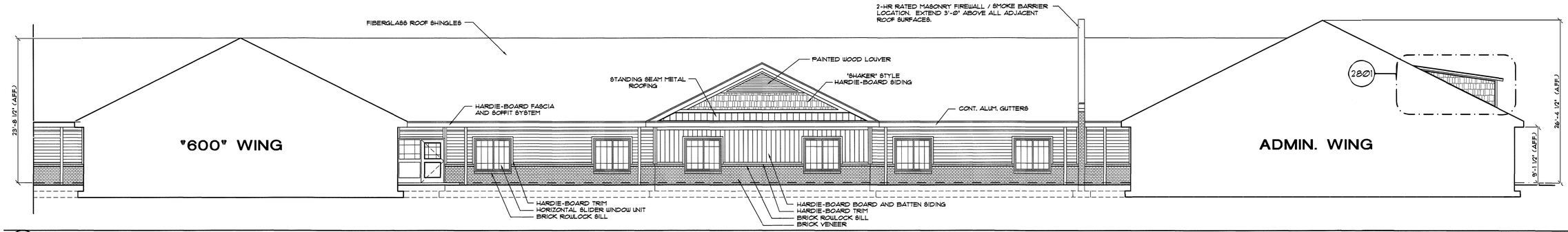
David R. Polston
STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-15-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

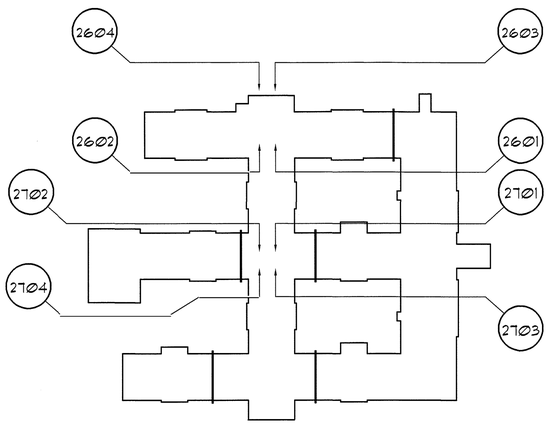
100 BED
NURSING FACILITY

A
25



2601 ELEVATION

SCALE: 1/8" = 1'-0"

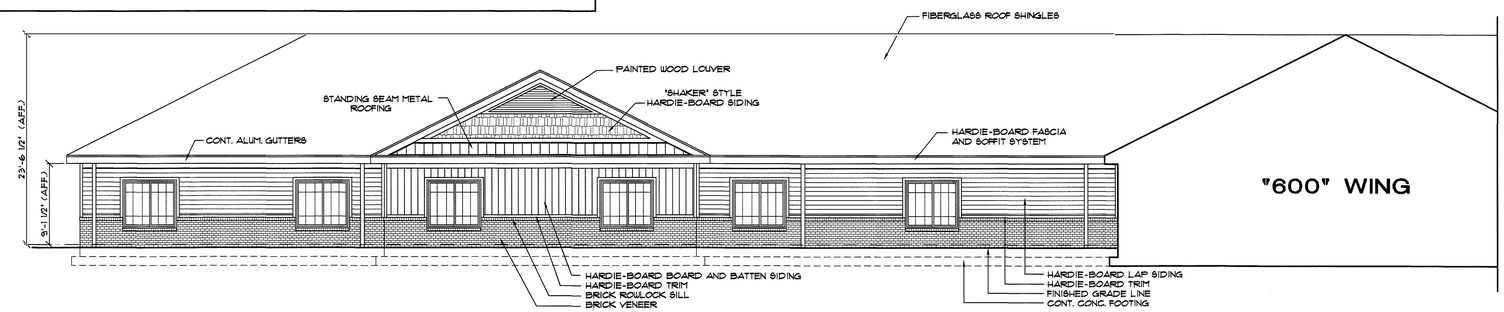


ELEVATION KEY

DOWNSPOUT NOTES:

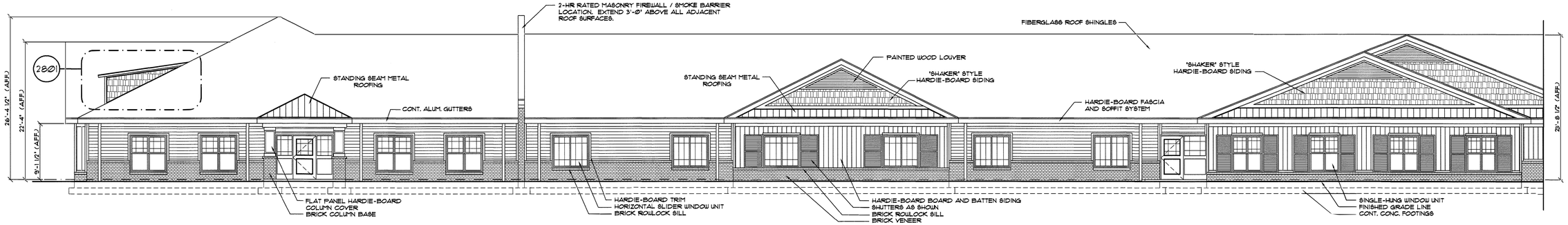
1. SEE SITE PLANS FOR LOCATIONS OF COURTYARD DOWNSPOUTS PIPED TO YARD INLETS.
2. ALL COURTYARD DOWNSPOUTS TO BE PIPED TO SITE STORMWATER DRAINAGE SYSTEM.
3. DOWNSPOUTS ARE NOT SHOWN AT COLUMNS FOR CLARITY. VERIFY PLACEMENT W/ ARCHITECT.
4. ALL EXTERIOR PERIMETER DOWNSPOUTS TO HAVE CONCRETE SPLASH BLOCKS. PLASTIC SPLASH BLOCKS ARE NOT ALLOWED.

NOTE: ALL HARDIE-BOARD MATERIALS TO BE PAINTED. VERIFY COLOR WITH OWNER.



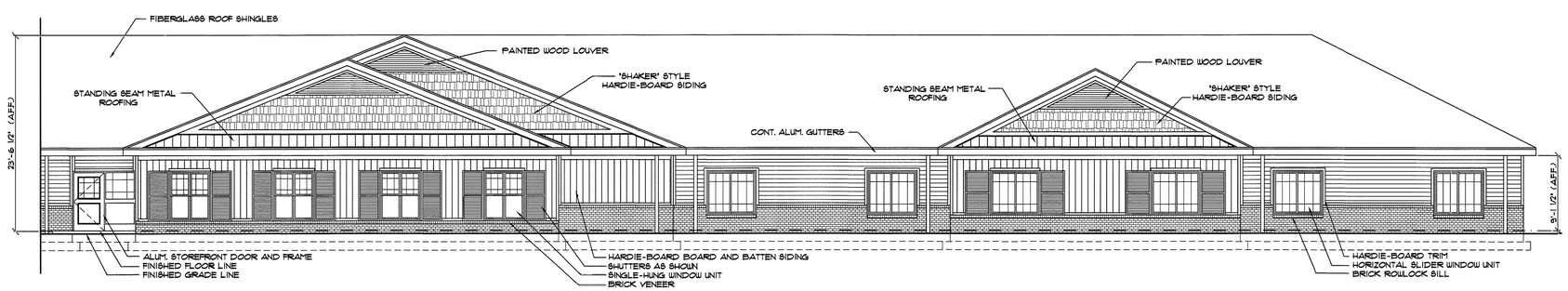
2602 ELEVATION

SCALE: 1/8" = 1'-0"



2603 ELEVATION

SCALE: 1/8" = 1'-0"



2604 ELEVATION

SCALE: 1/8" = 1'-0"

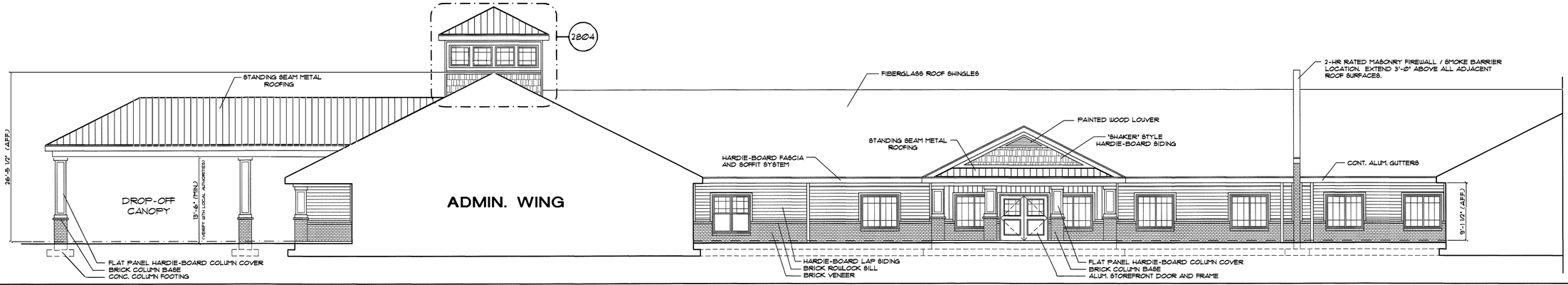
STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-15-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

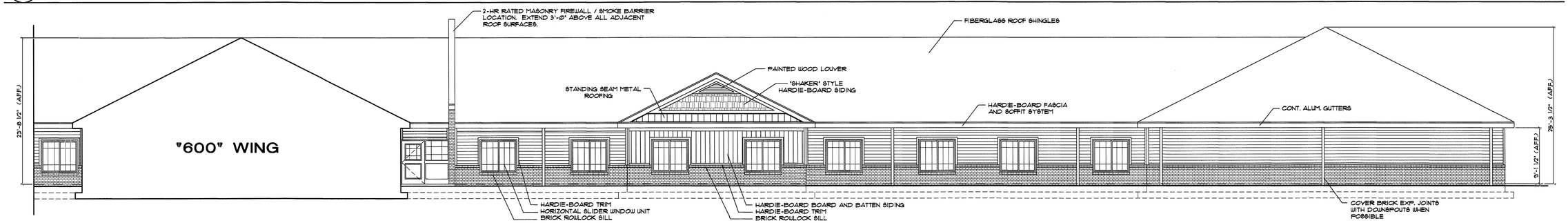
David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED
NURSING FACILITY

A
26



2701 **ELEVATION**
SCALE: 1/8" = 1'-0"

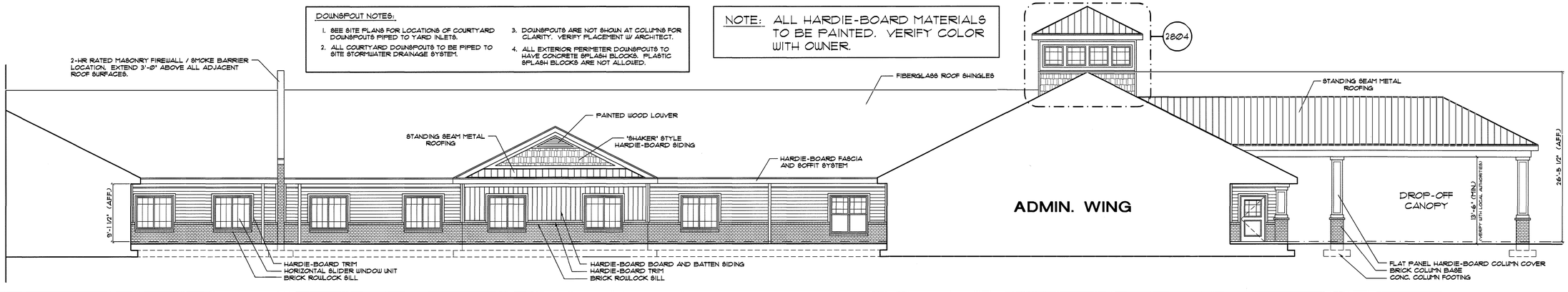


2702 **ELEVATION**
SCALE: 1/8" = 1'-0"

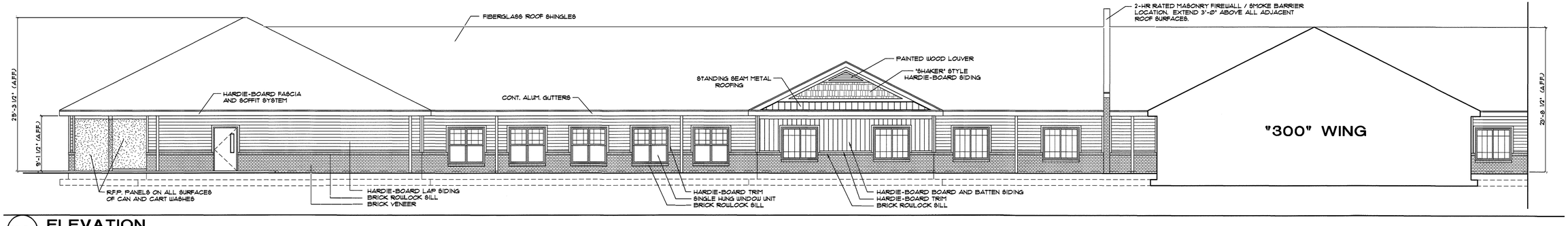
DOWNSPOUT NOTES:

1. SEE SITE PLANS FOR LOCATIONS OF COURTYARD DOWNSPOUTS PIPED TO YARD INLETS.
2. ALL COURTYARD DOWNSPOUTS TO BE PIPED TO SITE STORMWATER DRAINAGE SYSTEM.
3. DOWNSPOUTS ARE NOT SHOWN AT COLUMNS FOR CLARITY. VERIFY PLACEMENT W/ ARCHITECT.
4. ALL EXTERIOR PERIMETER DOWNSPOUTS TO HAVE CONCRETE SPLASH BLOCKS. PLASTIC SPLASH BLOCKS ARE NOT ALLOWED.

NOTE: ALL HARDIE-BOARD MATERIALS TO BE PAINTED. VERIFY COLOR WITH OWNER.



2703 **ELEVATION**
SCALE: 1/8" = 1'-0"



2704 **ELEVATION**
SCALE: 1/8" = 1'-0"

STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-16-2025

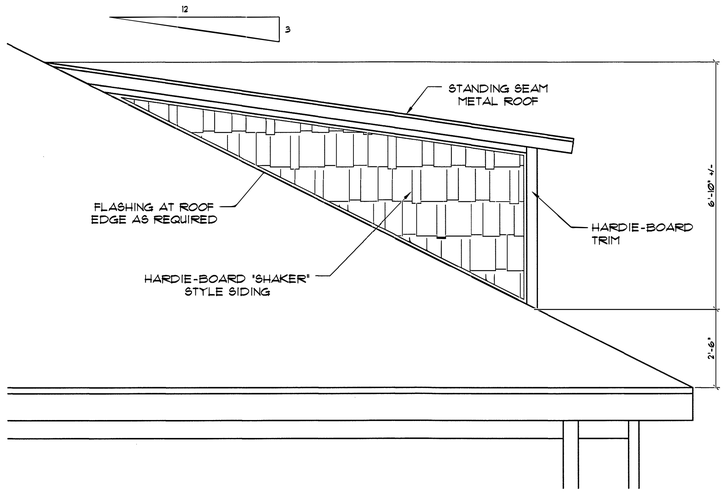
PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

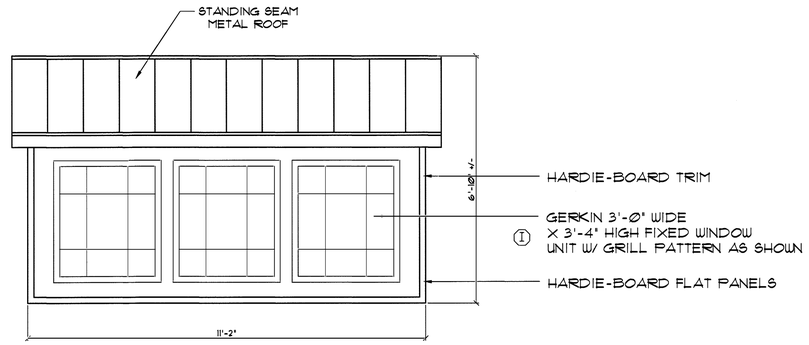
100 BED
NURSING FACILITY

A
27

NOTE: ALL HARDIE-BOARD MATERIALS TO BE PAINTED. VERIFY COLOR WITH OWNER.

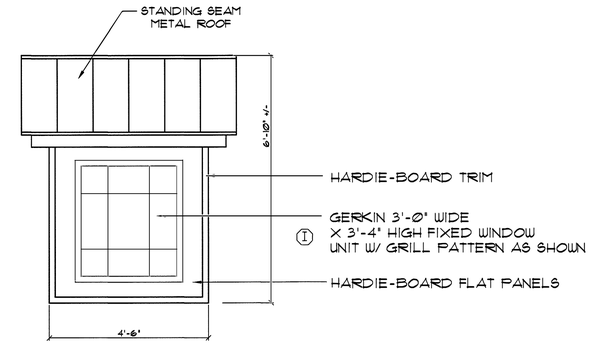


2801 ELEVATION TYPICAL DORMER SIDE VIEW
SCALE: N.T.S.



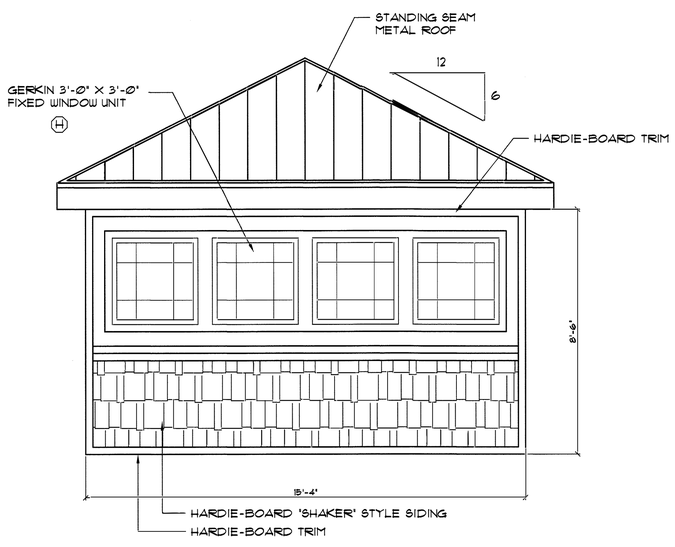
ALL ATTIC WINDOWS TO HAVE BLACK HARDWARE CLOTH INSTALLED ON ATTIC SIDE TO BLOCK VIEW OF ATTIC.

2802 ELEVATION TYPICAL THREE WINDOW DORMER
SCALE: N.T.S.



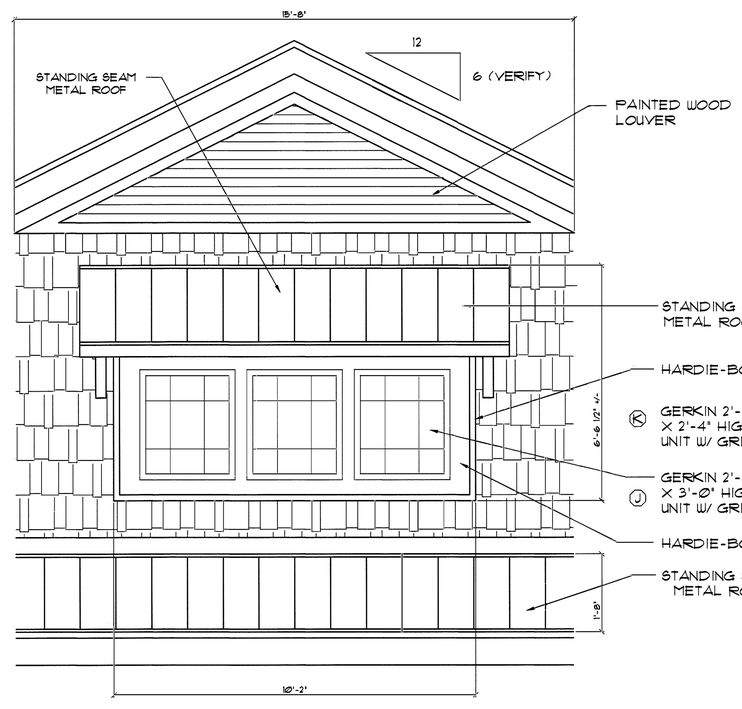
ALL ATTIC WINDOWS TO HAVE BLACK HARDWARE CLOTH INSTALLED ON ATTIC SIDE TO BLOCK VIEW OF ATTIC.

2803 ELEVATION TYPICAL SINGLE WINDOW DORMER
SCALE: N.T.S.



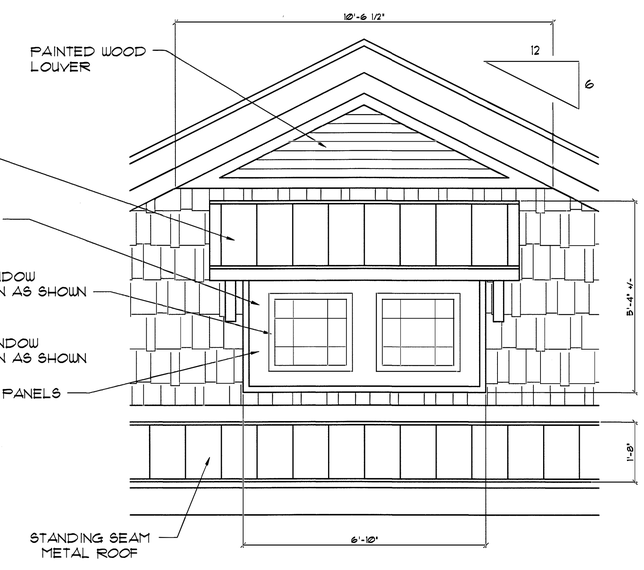
ALL ATTIC WINDOWS TO HAVE BLACK HARDWARE CLOTH INSTALLED ON ATTIC SIDE TO BLOCK VIEW OF ATTIC.

2804 DETAIL WIDOWS WALK
SCALE: N.T.S.



ALL ATTIC WINDOWS TO HAVE BLACK HARDWARE CLOTH INSTALLED ON ATTIC SIDE TO BLOCK VIEW OF ATTIC.

2805 DETAIL LARGE FRONT GABLE END
SCALE: N.T.S.



ALL ATTIC WINDOWS TO HAVE BLACK HARDWARE CLOTH INSTALLED ON ATTIC SIDE TO BLOCK VIEW OF ATTIC.

2806 DETAIL SMALL FRONT GABLE END
SCALE: N.T.S.

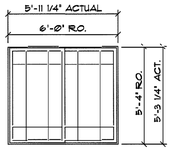
David R. Polston
STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-15-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

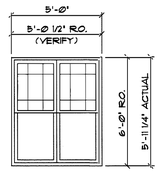
David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED
NURSING FACILITY

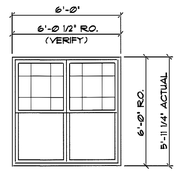
A
28



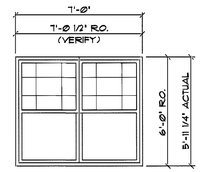
(A) GERKIN WINDOWS - RHINO SERIES
MODEL NO. 5045 - 72" X 64"
ALUM. HORIZONTAL SLIDER WINDOW
W/ GRILL PATTERN - COLOR TO BE WHITE



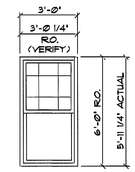
(B) GERKIN WINDOWS - RHINO SERIES
MODEL NO. 5900 - (2) 30" X 72"
SINGLE-HUNG WINDOW UNIT
W/ GRILL PATTERN - COLOR TO BE WHITE



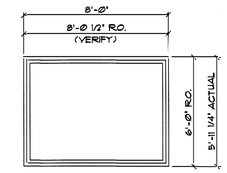
(C) GERKIN WINDOWS - RHINO SERIES
MODEL NO. 5900 - (2) 36" X 72"
SINGLE-HUNG WINDOW UNIT
W/ GRILL PATTERN - COLOR TO BE WHITE



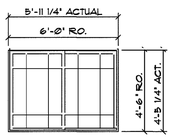
(D) GERKIN WINDOWS - RHINO SERIES
MODEL NO. 5900 - (2) 42" X 72"
SINGLE-HUNG WINDOW UNIT
W/ GRILL PATTERN - COLOR TO BE WHITE



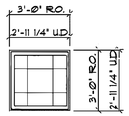
(E) GERKIN WINDOWS - RHINO SERIES
MODEL NO. 5900 - 36" X 72"
SINGLE-HUNG WINDOW UNIT
W/ GRILL PATTERN - COLOR TO BE WHITE



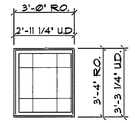
(F) GERKIN - 8'-0" W X 6'-0" H
FIXED WINDOW 5500 WINDOW UNIT
COLOR TO BE WHITE - COORDINATE
STAINED GLASS INSERT WITH OWNER.



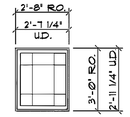
(G) GERKIN WINDOWS - RHINO SERIES
MODEL NO. 5045 - 72" X 54"
ALUM. HORIZONTAL SLIDER WINDOW
W/ GRILL PATTERN - COLOR TO BE WHITE
(STORAGE BUILDING OFFICE WINDOW)



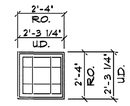
(H) GERKIN - 3'-0" W X 3'-0" H
FIXED WINDOW 5500 WINDOW UNIT
COLOR TO BE WHITE
LOCATED AT WIDOWS WALK DORMER
AS SHOWN ON ELEVATIONS



(I) GERKIN - 3'-0" W X 3'-4" H
FIXED WINDOW 5500 WINDOW UNIT
COLOR TO BE WHITE
LOCATED AT TYPICAL DORMER
AS SHOWN ON ELEVATIONS



(J) GERKIN - 2'-8" W X 3'-0" H
FIXED WINDOW 5500 WINDOW UNIT
COLOR TO BE WHITE
LOCATED AT LARGE FRONT GABLE
AS SHOWN ON ELEVATIONS



(K) GERKIN - 2'-4" W X 2'-4" H
FIXED WINDOW 5500 WINDOW UNIT
COLOR TO BE WHITE
LOCATED AT SMALL FRONT GABLE
AS SHOWN ON ELEVATIONS

NOTES:

ALL WINDOW UNITS TO BE COMPLETE, INCLUDING FLASHING, INSULATING GLASS, OPERABLE HARDWARE, GRILLE PATTERN, AND INSECT SCREENS FOR OPERABLE UNITS.

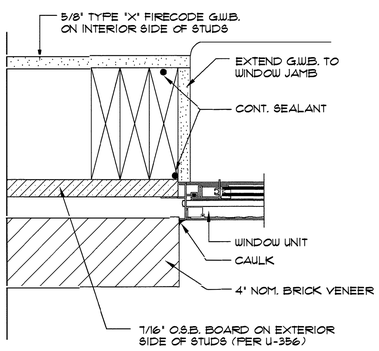
WINDOW UNITS "B", "C", "D", "E", AND "F" TO HAVE TEMPERED SAFETY GLAZING

ALL WINDOWS TO BE OPERABLE WITH AN OPEN AREA NOT LESS THAN ONE-HALF THE REQUIRED WINDOW AREA. (U.N.O.)

NOTE: ALL WINDOW GLAZING TO COMPLY WITH CURRENT S.C. ENERGY CODE AND HAVE A U-VALUE OF .38 OR BETTER.

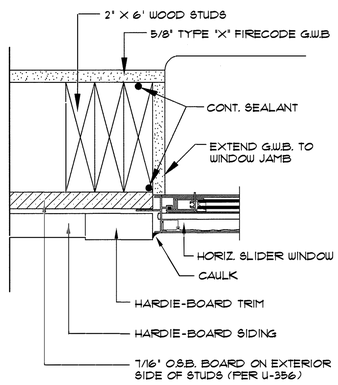
(2901) **DETAIL** SCALE: N.T.S. — WINDOW SCHEDULE — COLOR OF ALL EXTERIOR WINDOWS AND STOREFRONT MATERIAL TO BE WHITE. (ALL GERKIN WINDOW SERIES ARE BASIS OF DESIGN)

VERIFY WOOD STUD DESCRIPTION WITH STRUCTURAL DRAWINGS.



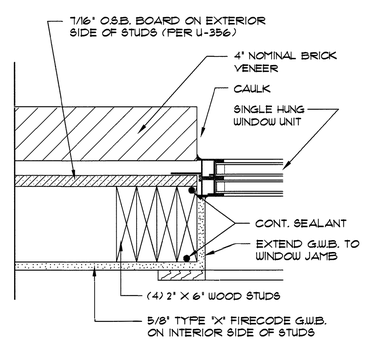
VERIFY FLASHING REQUIREMENTS W/ MANUFATURER'S INSTALLATION INSTRUCTIONS.

(2902) **DETAIL** SCALE: N.T.S. — JAMB AT HORIZONTAL SLIDER WINDOW UNIT (AT BRICK VENEER)



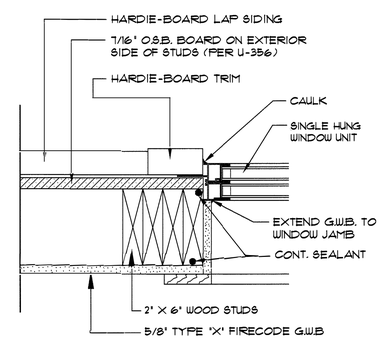
VERIFY FLASHING REQUIREMENTS W/ MANUFATURER'S INSTALLATION INSTRUCTIONS.

(2903) **DETAIL** SCALE: N.T.S. — JAMB AT HORIZONTAL SLIDER WINDOW UNIT (AT HARDIE-BOARD)



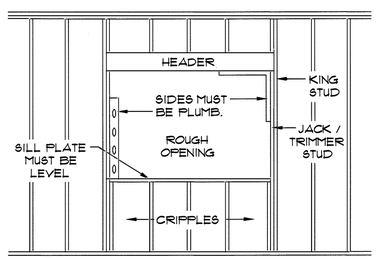
VERIFY FLASHING REQUIREMENTS W/ MANUFATURER'S INSTALLATION INSTRUCTIONS.

(2904) **DETAIL** SCALE: N.T.S. — JAMB AT SINGLE-HUNG WINDOW UNIT (AT BRICK VENEER)

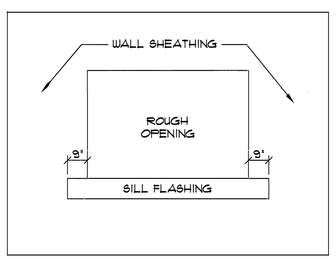


VERIFY FLASHING REQUIREMENTS W/ MANUFATURER'S INSTALLATION INSTRUCTIONS.

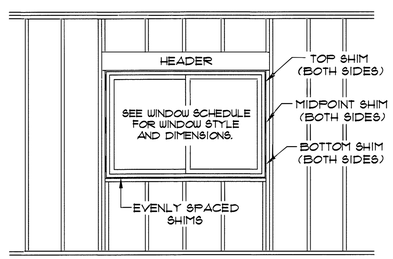
(2905) **DETAIL** SCALE: N.T.S. — JAMB AT SINGLE-HUNG WINDOW (AT HARDIE-BOARD)



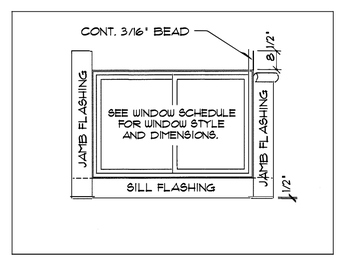
INTERIOR VIEW



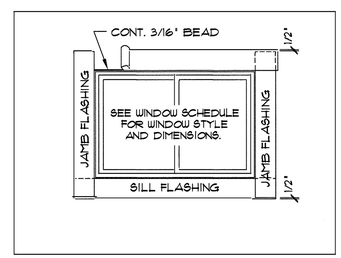
EXTERIOR VIEW



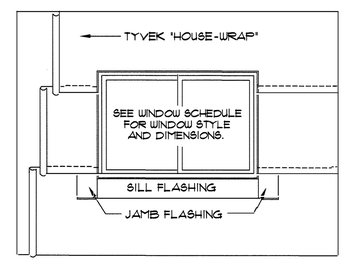
INTERIOR VIEW



EXTERIOR VIEW



EXTERIOR VIEW



EXTERIOR VIEW

(2906) **ELEVATION** SCALE: 3/8" = 1'-0" — TYPICAL WINDOW INSTALLATION

NOTE: CONTRACTOR TO VERIFY THE ABOVE WITH WINDOW MANUFACTURER'S INSTALLATION INSTRUCTIONS.
CONTRACTOR TO VERIFY WINDOW FRAMING REQUIREMENTS WITH THE STRUCTURAL DRAWINGS.

STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-15-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

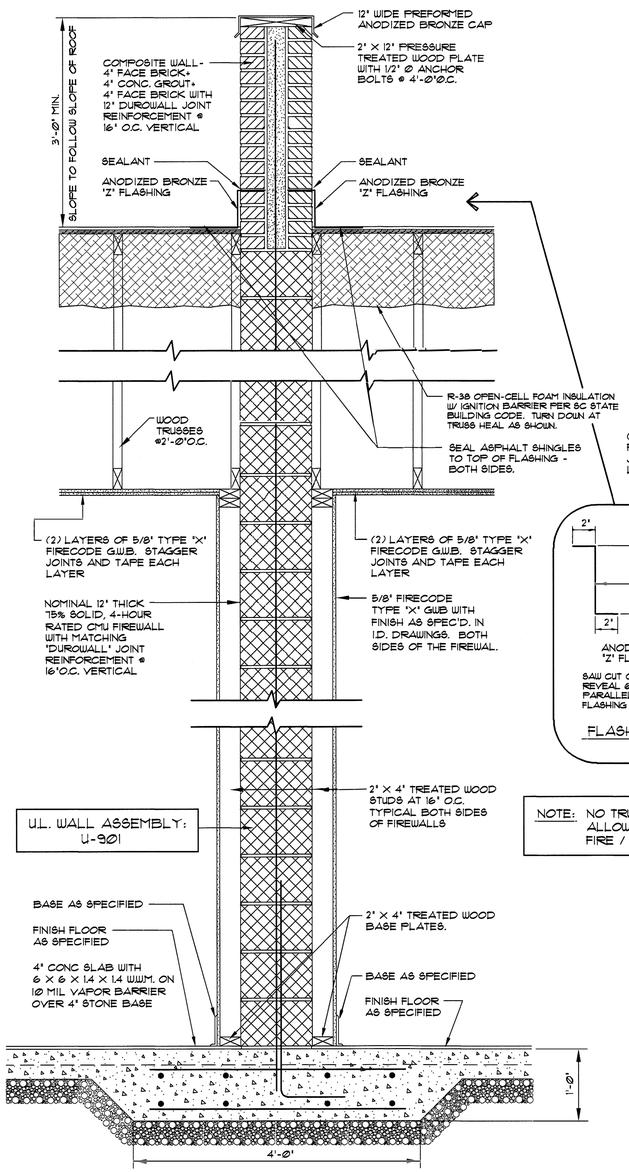
100 BED
NURSING FACILITY

A
29

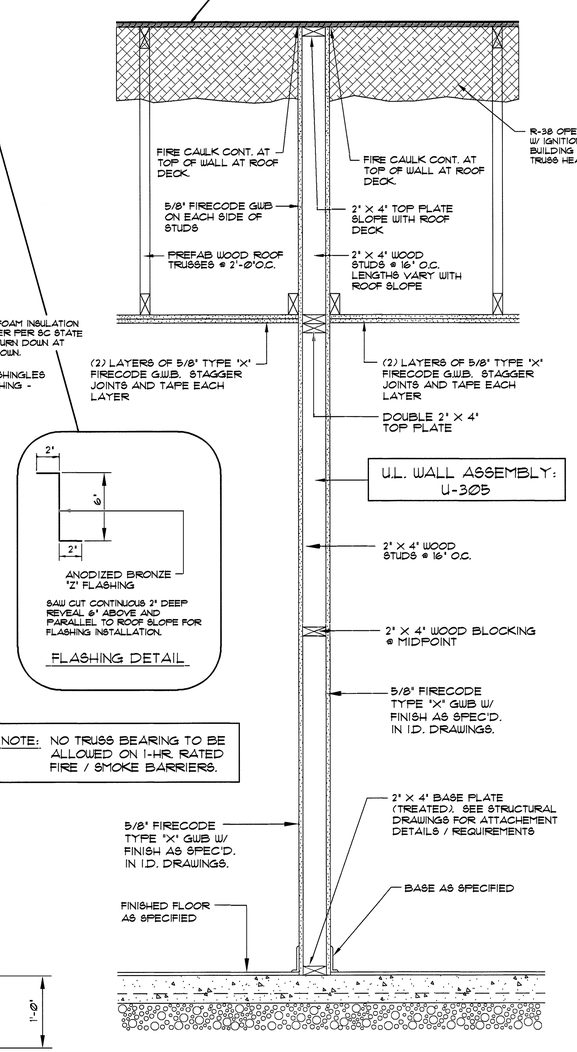
GENERAL CONTRACTOR TO PERMENTLY LABEL 2-HOUR RATED FIREWALL / SMOKE BARRIER WALL. LABEL TO READ ' 2-HOUR RATED FIREWALL / SMOKE BARRIER WALL. SEAL ALL PENETRATIONS.'

ROOF / CEILING ASSEMBLY: GYPSUM ASSOCIATION RC-2602

NOTE: VERIFY ALL TRUSS MEMBER SIZES WITH STRUCTURAL DRAWINGS.



VERIFY 2-HR. FIREWALL / SMOKE BARRIER FOUNDATION AND REINFORCING WITH STRUCTURAL DRAWINGS.



NOTE: NO TRUSS BEARING TO BE ALLOWED ON 1-HR. RATED FIRE / SMOKE BARRIERS.

(300 1) **SECTION** TYPICAL 2-HR. FIREWALL / SMOKE BARRIER INSIDE BUILDING ENVELOPE
SCALE: 1"=1'-0"

GENERAL CONTRACTOR TO PERMENTLY LABEL 1-HOUR RATED FIRE / SMOKE BARRIER WALL. LABEL TO READ ' 1-HOUR RATED FIRE / SMOKE BARRIER WALL. SEAL ALL PENETRATIONS.'

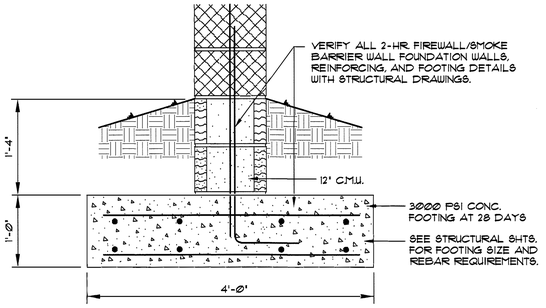
ROOF / CEILING ASSEMBLY: GYPSUM ASSOCIATION RC-2602

NOTE: VERIFY ALL TRUSS MEMBER SIZES WITH STRUCTURAL DRAWINGS.

CONTRACTOR MAY SUBSTITUTE A DOUBLE PRE-FAB. GABLE END TRUSS W/ 1/2" PLYWOOD SPACER ABOVE THE FINISHED CEILING. THE WALL THICKNESS MUST BE AT LEAST 3 1/2".

ALL FIRE/SMOKE BARRIERS TO EXTEND FROM FLOOR SLAB TO ROOF DECK AND EXTERIOR WALL TO EXTERIOR WALL INCLUDING SOFFIT CAVITY AND STUD CAVITY.

(300 2) **SECTION** TYP. 1-HR. FIRE/SMOKE BARRIER
SCALE: 1"=1'-0"

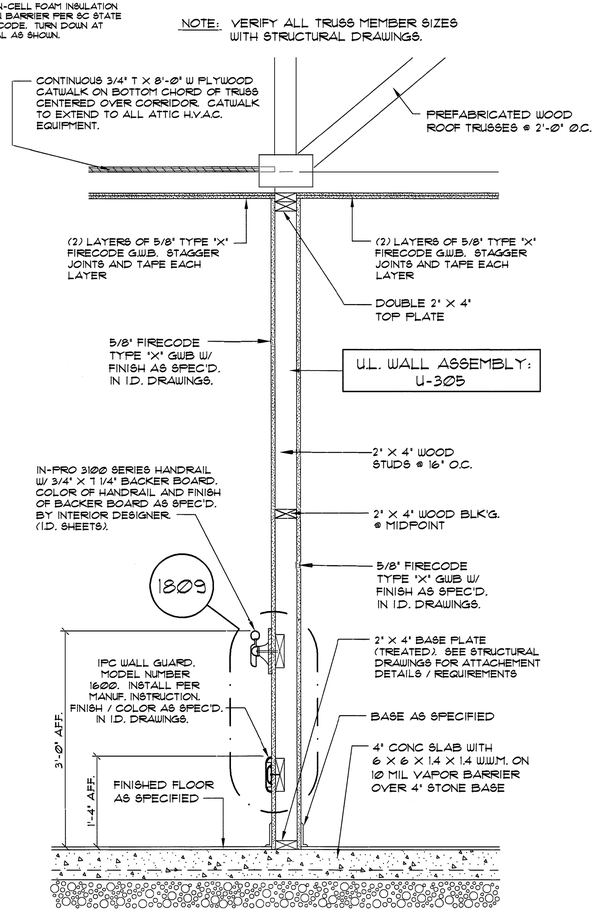


(300 1a) **SECTION** TYP. 2-HR. FIREWALL / SMOKE BARRIER OUTSIDE BUILDING ENVELOPE
SCALE: 1"=1'-0"

NOTE: VERIFY ALL STEEL BEAMS, HEADERS, AND COLUMN SIZES WITH THE STRUCTURAL SHEETS PRIOR TO CONSTRUCTION.

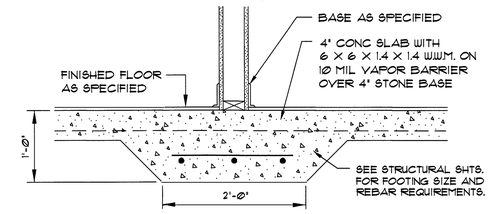
ROOF / CEILING ASSEMBLY: GYPSUM ASSOCIATION RC-2602

NOTE: VERIFY ALL TRUSS MEMBER SIZES WITH STRUCTURAL DRAWINGS.



NOTE: SEE STRUCTURAL DRAWINGS FOR LOCATIONS OF CORRIDOR WALLS THAT WILL BE USED AS BEARING WALLS. SEE STRUCTURAL DRAWINGS FOR DETAILS / DESIGN OF THE THICKENED SLABS USED AT THESE LOCATIONS.

(300 3) **SECTION** TYPICAL CORRIDOR WALL
SCALE: 1"=1'-0"

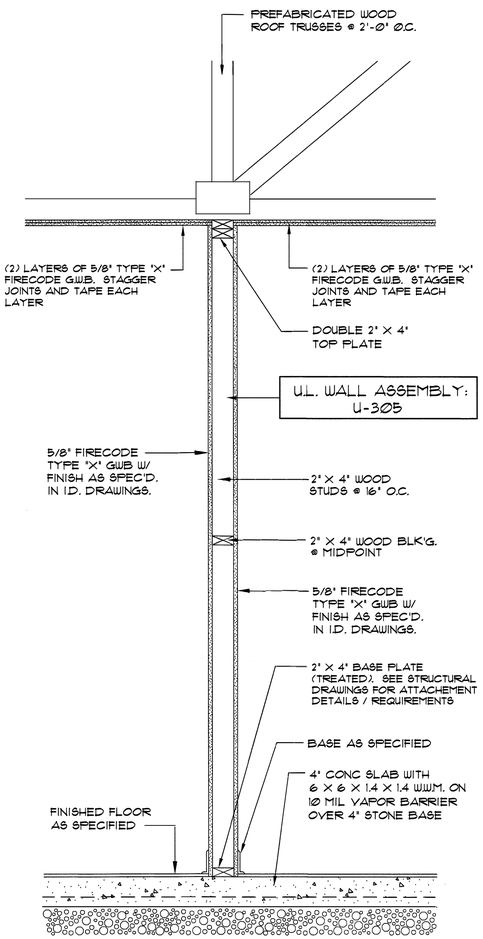


NOTE: SEE STRUCTURAL DRAWINGS FOR LOCATIONS OF CORRIDOR WALLS THAT WILL BE USED AS BEARING WALLS. SEE STRUCTURAL DRAWINGS FOR DETAILS / DESIGN OF THE THICKENED SLABS USED AT THESE LOCATIONS.

(300 5) **SECTION** TYPICAL INTERIOR BEARING WALL FOOTING
SCALE: 1"=1'-0"

ROOF / CEILING ASSEMBLY: GYPSUM ASSOCIATION RC-2602

NOTE: VERIFY ALL TRUSS MEMBER SIZES WITH STRUCTURAL DRAWINGS.



(300 4) **SECTION** TYPICAL INTERIOR PARTITION WALL
SCALE: 1"=1'-0"

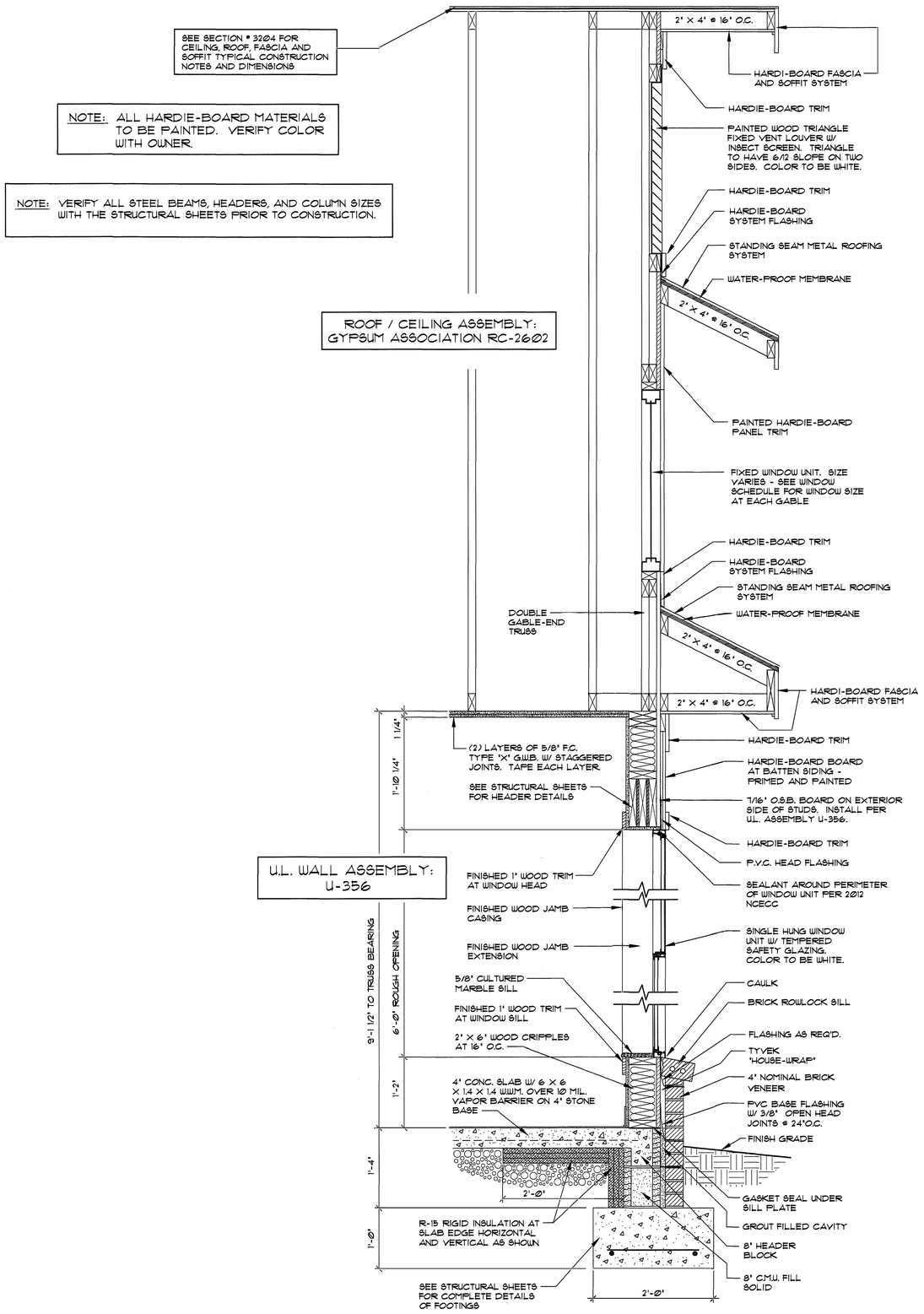
David R. Polston
STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-15-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

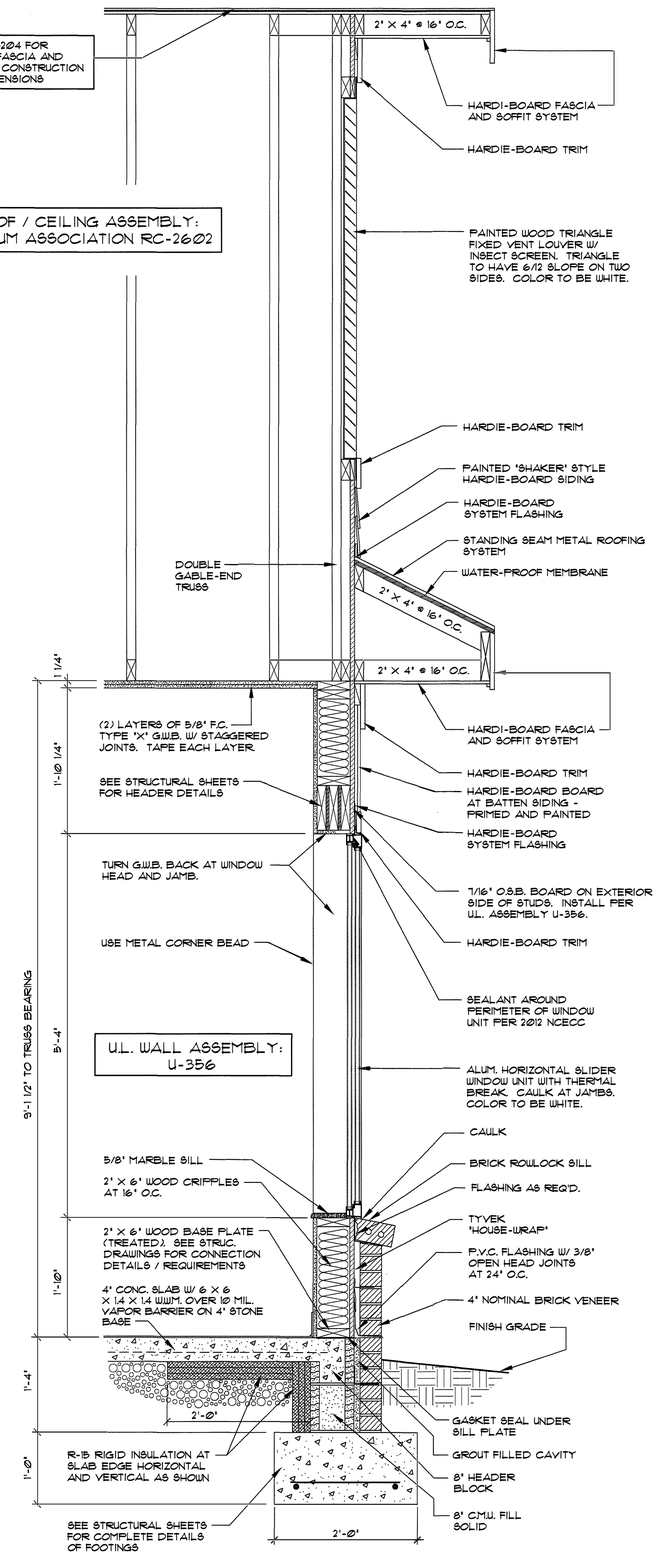
David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED
NURSING FACILITY

A
30



3101 **SECTION**
SCALE: 1" = 1'-0"
TYPICAL SECTION AT SINGLE-HUNG WINDOW UNITS AT BRICK VENEER/ HARDIE-BOARD BOARD AND BATTEN / SHAKER SHINGLES - GABLE



3102 **SECTION**
SCALE: 1"=1'-0"
TYPICAL SECTION AT HORIZONTAL SLIDER WINDOW UNITS AT BRICK VENEER/ HARDIE-BOARD BOARD AND BATTEN / SHAKER SHINGLES - GABLE

David Polston

STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT

4-15-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED
NURSING FACILITY

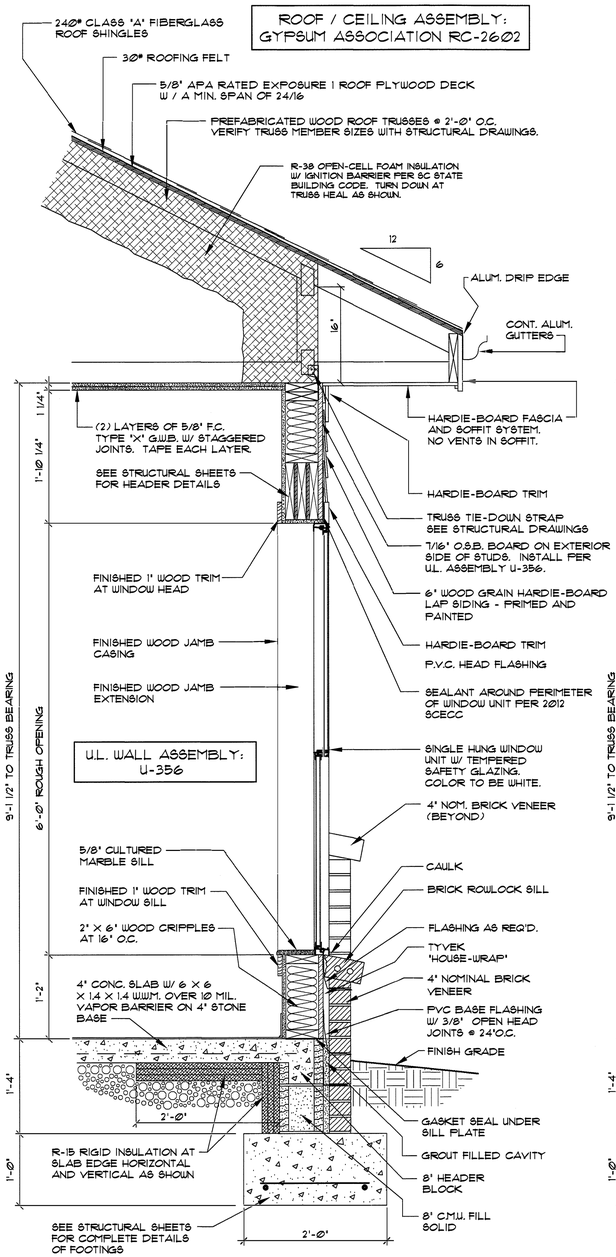
A
31

NOTE: ALL HARDIE-BOARD MATERIALS TO BE PAINTED. VERIFY COLOR WITH OWNER.

NOTE: VERIFY ALL STEEL BEAMS, HEADERS, AND COLUMN SIZES WITH THE STRUCTURAL SHEETS PRIOR TO CONSTRUCTION.

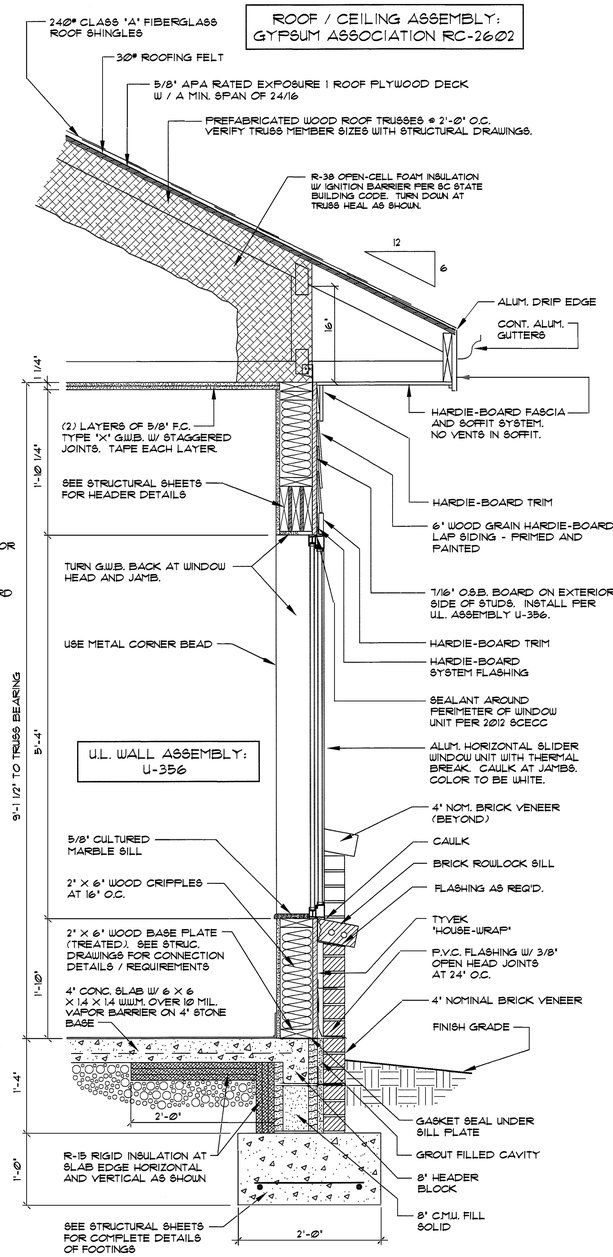
NOTE: VERIFY ALL TRUSS MEMBER SIZES WITH STRUCTURAL DRAWINGS.

NOTE: VERIFY ALL TRUSS MEMBER SIZES WITH STRUCTURAL DRAWINGS.



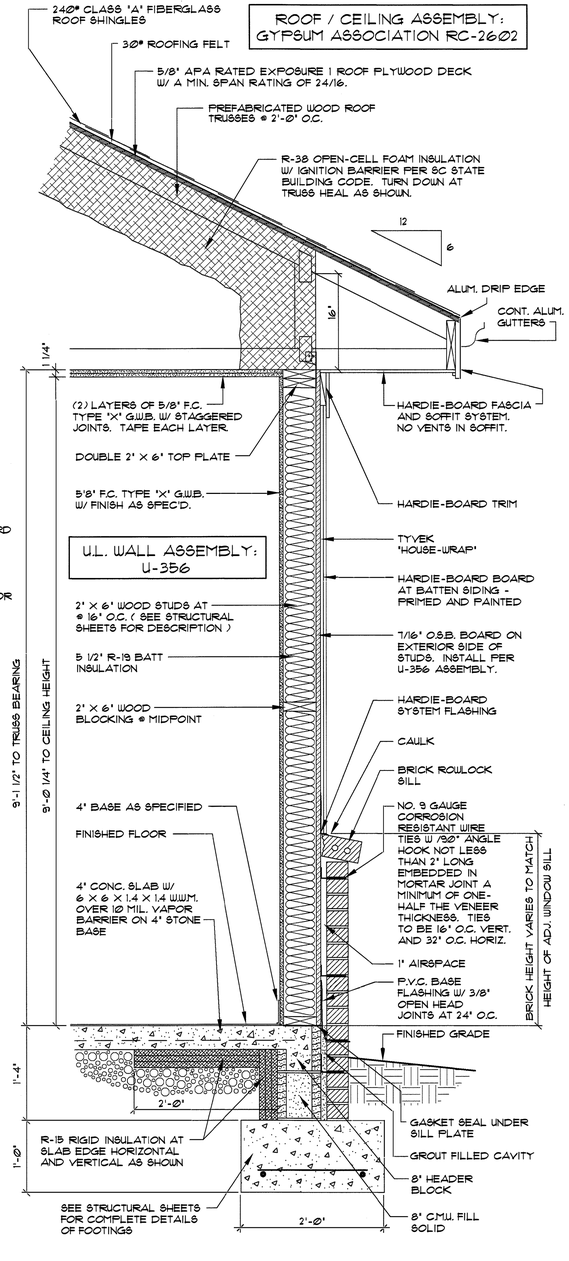
SEE STRUCTURAL DRAWINGS FOR ALL DIMENSIONS, REBAR REQUIREMENTS FOR FOUNDATION WALL AND CONCRETE FOOTING.

3201 **SECTION** SCALE: 1" = 1'-0" — TYPICAL SECTION AT SINGLE-HUNG WINDOW UNITS AT BRICK VENEER / LAP SIDING



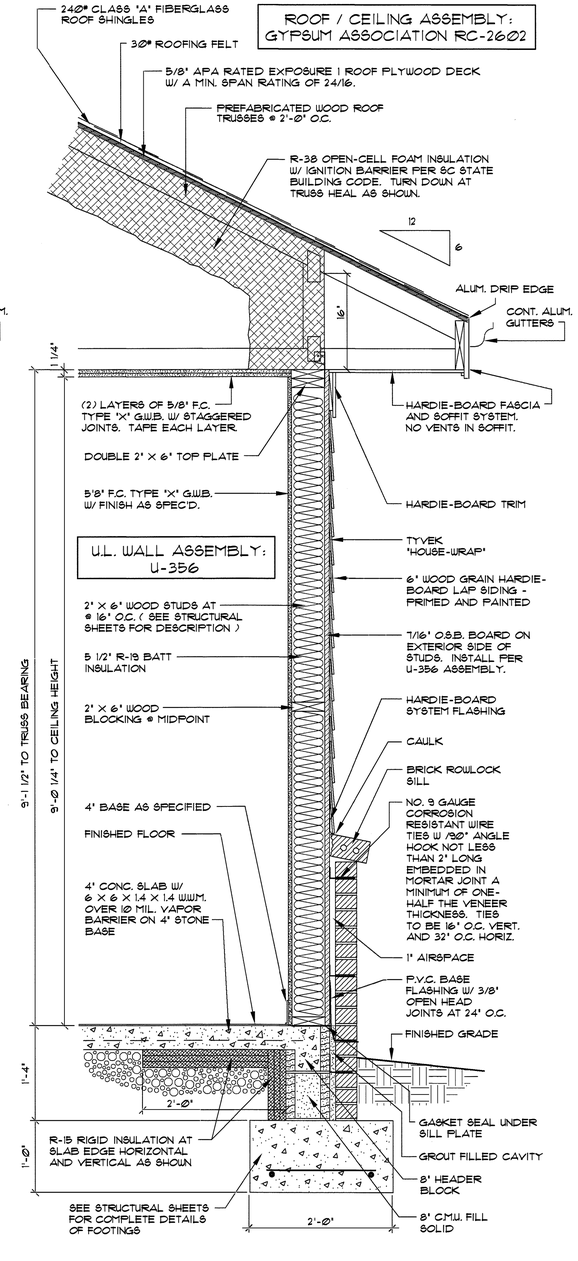
SEE STRUCTURAL DRAWINGS FOR ALL DIMENSIONS, REBAR REQUIREMENTS FOR FOUNDATION WALL AND CONCRETE FOOTING.

3202 **SECTION** SCALE: 1"=1'-0" — TYPICAL HORIZONTAL SIDER WINDOW UNIT AT BRICK VENEER / LAP SIDING



SEE STRUCTURAL DRAWINGS FOR ALL DIMENSIONS, REBAR REQUIREMENTS FOR FOUNDATION WALL AND CONCRETE FOOTING.

3203 **SECTION** SCALE: 1"=1'-0" — TYP. EXTERIOR WALL SECTION AT BRICK/ HARDIE-BOARD BOARD AND BATTEN SIDING



SEE STRUCTURAL DRAWINGS FOR ALL DIMENSIONS, REBAR REQUIREMENTS FOR FOUNDATION WALL AND CONCRETE FOOTING.

3204 **SECTION** SCALE: 1"=1'-0" — TYP. EXTERIOR WALL SECTION AT BRICK / HARDIE-BOARD LAP SIDING

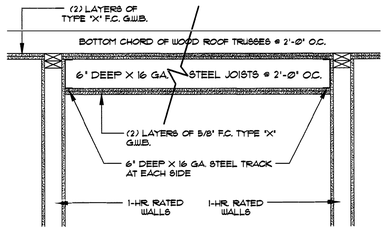
STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-15-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED
NURSING FACILITY

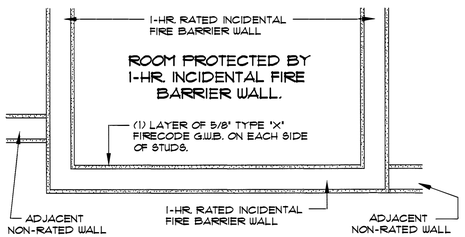
A
32



FACTORY MUTUAL TEST FC 205-1
GYPSUM ASSOCIATION FC-4503

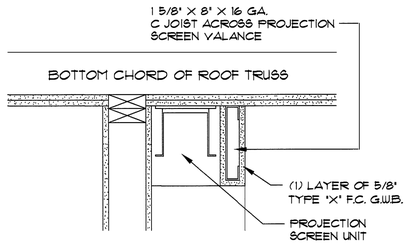
ROOMS LISTED BELOW ARE TO RECEIVE 1-HR. HORIZ. SEPERATION. (REQUIRED BY TABLE 508.2.5 SCSBC)	
STORAGE # 18	DRY STORAGE # 43D
STORAGE # 23	OXYGEN STOR. # 45
STORAGE # 24	LAUNDRY # 47
EQUIP. STORAGE # 36	CENTRAL SUPPLY # 48
SOIL UTIL. / SOIL LINEN # 28	SOIL UTIL. / SOIL LINEN # 55
CLN. UTIL. / CLN. LINEN # 30	CLN. UTIL. / CLN. LINEN # 61
EQUIP. STORAGE # 37	STORAGE # 70B
CLN. UTIL. / CLN. LINEN # 53	STORAGE # 70C
SOIL UTIL. / SOIL LINEN # 41	STORAGE # 70G

3301 **DETAIL** ONE HOUR HORIZONTAL SEPERATION
SCALE: N.T.S.



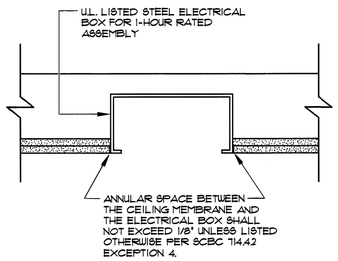
SEE FLOOR PLANS FOR LOCATIONS OF THE ROOMS REQUIRING THIS TYPE OF PROTECTION.

3302 **FLOORPLAN** TYPICAL CONSTRUCTION OF ROOM PROTECTED BY 1-HR. RATED INCIDENTAL FIRE BARRIER WALLS
SCALE: 1"=1'-0"

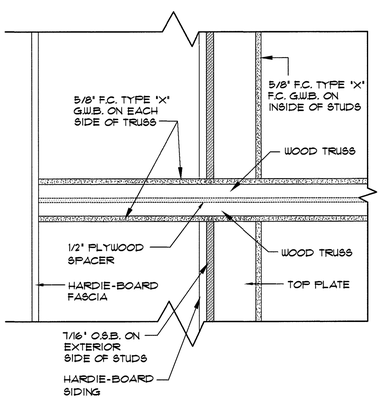


NOTE: PROJECTION SCREEN UNIT TO BE DRAPER - MODEL ACCESS FIT E. UNIT TO BE INSTALLED USING THE ALTERNATE MOUNTING METHOD.

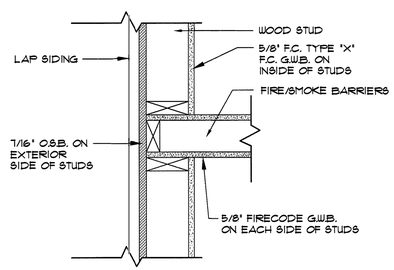
3303 **DETAIL** PROJECTION SCREEN ENCLOSURE
SCALE: 1" = 1'-0"



3304 **DETAIL** TYP. CEILING ELEC. BOX INSTALLATION
SCALE: N.T.S.



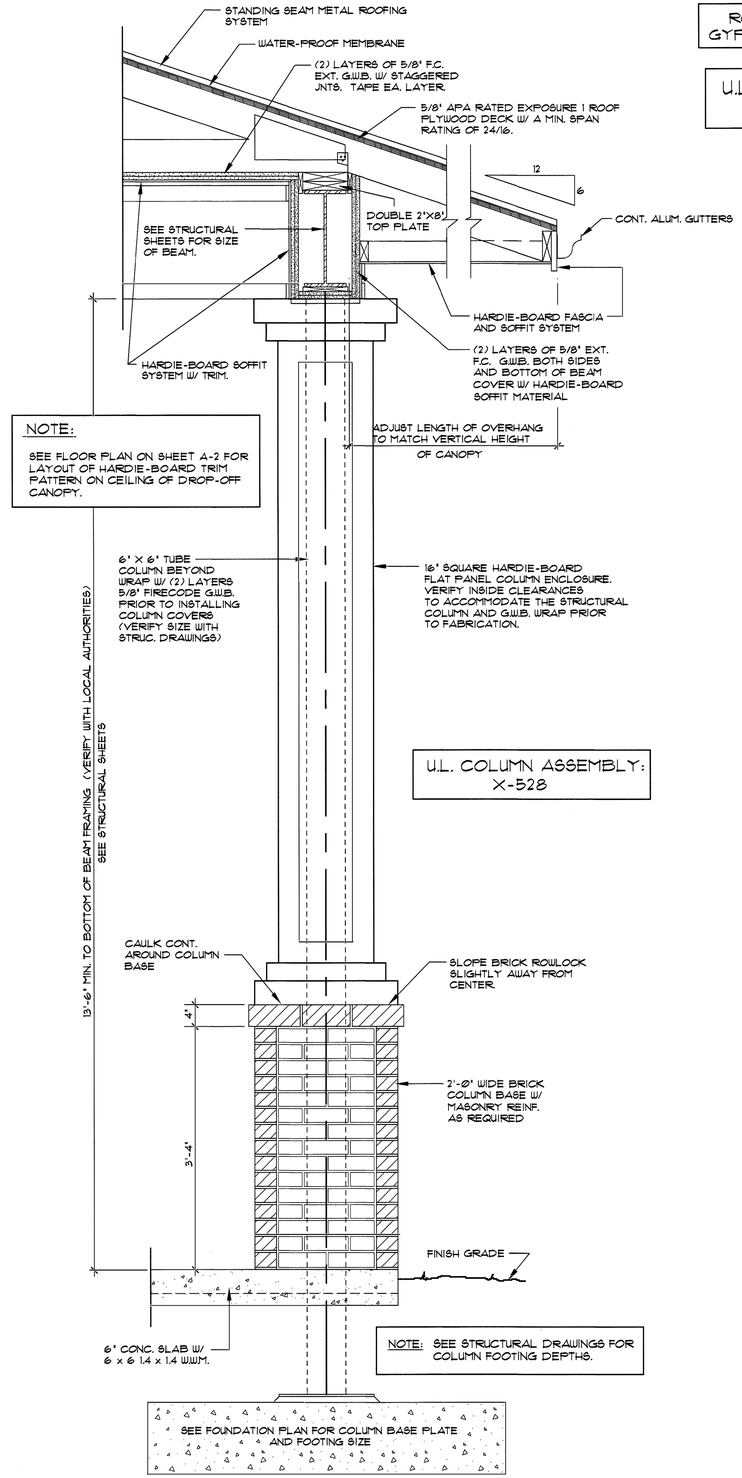
3305 **DETAIL** FIRE/SMOKE BARRIER AT SOFFIT
SCALE: 1½" = 1'-0"



ALL FIRE/SMOKE BARRIERS TO EXTEND FROM FLOOR SLAB TO ROOF DECK AND EXTERIOR WALL TO EXTERIOR WALL INCLUDING SOFFIT CAVITY AND STUD CAVITY.

CONTRACTOR MAY SUBSTITUTE A DOUBLE PRE-FAB GABLE END TRUSS W/ ½" PLYWOOD SPACER ABOVE THE FINISHED CEILING. THICKNESS MUST BE AT LEAST 3 1/2". (SEE DETAIL # 3305)

3306 **DETAIL** FIRE/SMOKE BARRIER AT EXTERIOR WALL
SCALE: 1½" = 1'-0"



ROOF / CEILING ASSEMBLY: GYPSUM ASSOCIATION RC-2602

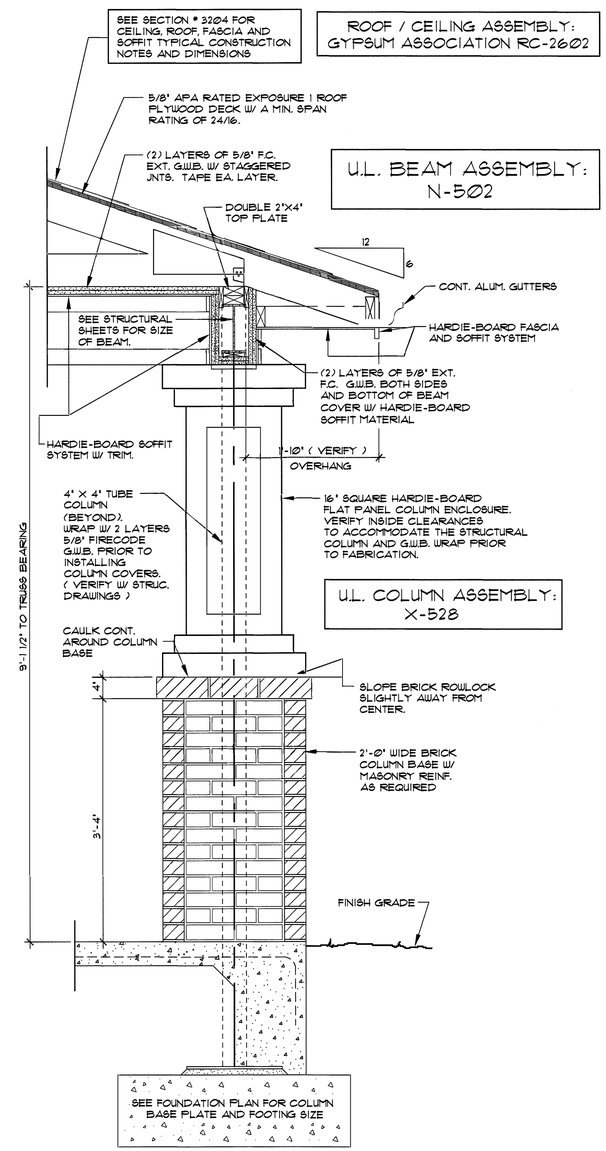
U.L. BEAM ASSEMBLY: N-502

U.L. COLUMN ASSEMBLY: X-528

NOTE: SEE FLOOR PLAN ON SHEET A-2 FOR LAYOUT OF HARDIE-BOARD TRIM PATTERN ON CEILING OF DROP-OFF CANOPY.

NOTE: SEE STRUCTURAL DRAWINGS FOR COLUMN FOOTING DEPTHS.

3307 **SECTION** BEAM & COLUMN AT DROP-OFF CANOPY # 88
SCALE: 1" = 1'-0"



ROOF / CEILING ASSEMBLY: GYPSUM ASSOCIATION RC-2602

U.L. BEAM ASSEMBLY: N-502

U.L. COLUMN ASSEMBLY: X-528

3308 **SECTION** BEAM AND COLUMN AT TYPICAL PORCHES
SCALE: 1" = 1'-0"

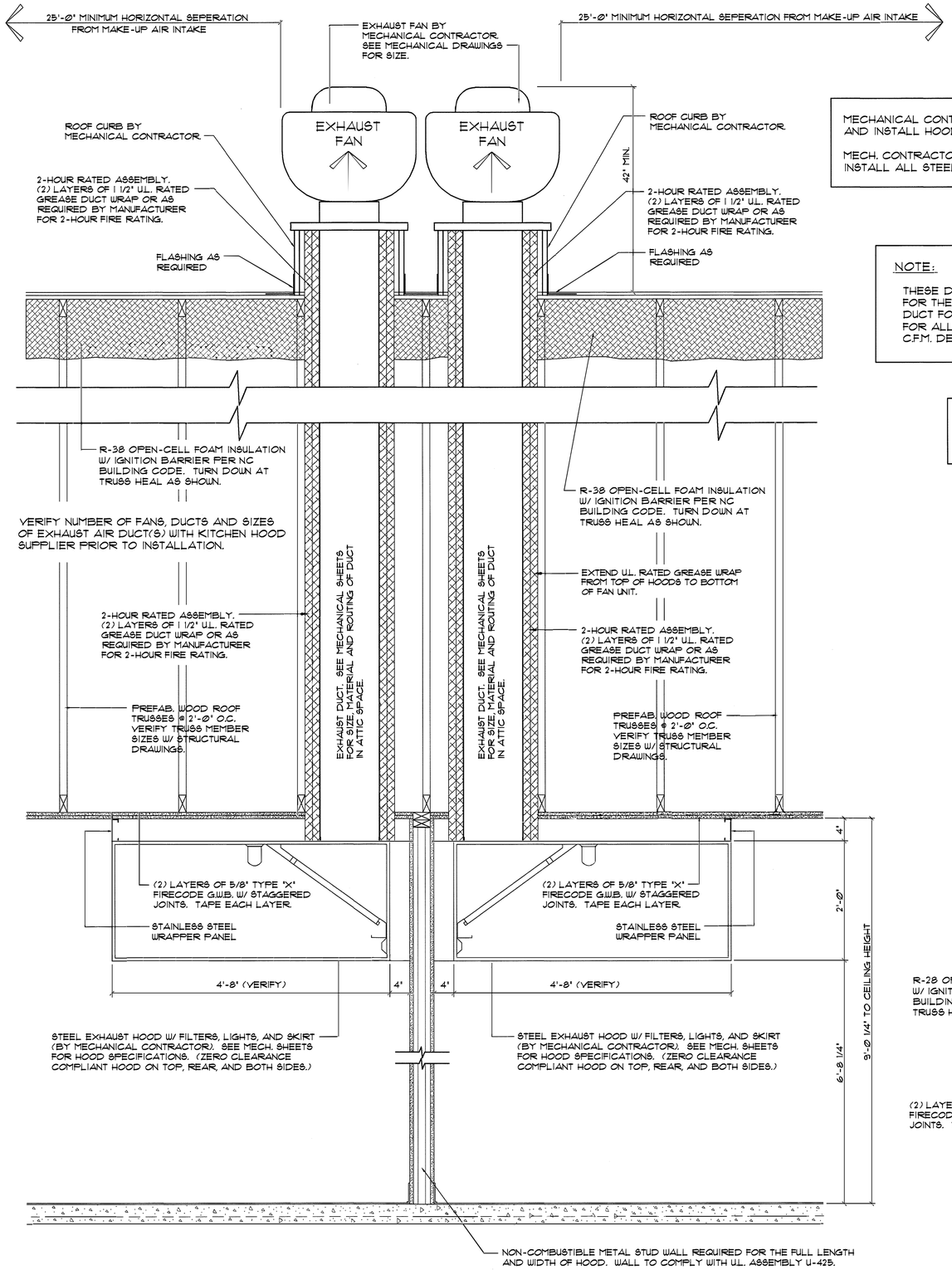
STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-15-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED NURSING FACILITY

A 33



3401 **SECTION** KITCHEN EXHAUST HOODS, DUCTS, AND FANS
SCALE: 1"=1'-0"

NOTE: SEE STRUCTURAL DRAWINGS FOR COMPLETE DETAILS OF ROOF PLATFORMS AT KITCHEN HOODS.

NOTE: VERIFY ALL ROOF PITCHES WITH STRUCTURAL DRAWINGS PRIOR TO TRUSS MANUFACTURE.

MECHANICAL CONTRACTOR TO FURNISH AND INSTALL HOODS AND EXHAUST FANS.

MECH. CONTRACTOR TO PROVIDE AND INSTALL ALL STEEL DUCTWORK.

RANGE HOOD FIRE SUPPRESSION SYSTEM SPECIFICATIONS:

THE FIRE SUPPRESSION SYSTEM SHALL BE AN ANSUL MODEL R-102 SYSTEM. A READILY ACCESSIBLE MEANS TO MANUALLY ACTUATE THE FIRE EXTINGUISHING EQUIPMENT SHALL BE PROVIDED IN A PATH OF EGRESS AND SHALL BE CLEARLY IDENTIFIED. THE OPERATION OF THE ANSUL SYSTEM SHALL AUTOMATICALLY SHUT OFF ALL SOURCES OF FUEL AND HEAT TO ALL EQUIPMENT PROTECTED BY THE EXTINGUISHING SYSTEM AND ACTIVATE THE FIRE ALARM SYSTEM.

NOTE:

THESE DRAWINGS ARE TO INDICATE THE TYPE AND SIZE OF DUCT SHAFT PROTECTION FOR THE KITCHEN HOOD EXHAUST (GREASE) DUCT AND THE EXHAUST (CONDENSATE) DUCT FOR THE DISHWASHER HOOD. SEE THE MECHANICAL SHEETS AND SPECIFICATIONS FOR ALL FANS (EXHAUST & MAKE-UP), DUCT DESCRIPTIONS (SIZE AND MATERIAL), DAMPERS, C.F.M. DESIGNATIONS, AND COORDINATION WITH THE FIRE ALARM AND ELECTRICAL SYSTEMS.

DUCT WRAP PROTECTION PRODUCTS

KITCHEN HOOD EXHAUST DUCT

3M FIRE BARRIER DUCT WRAP 615+
2-HOUR DOUBLE LAYER GREASE DUCT PROTECTION SYSTEM TESTED PER ASTM E2336 AND UL. CERTIFIED (CERTIFICATION NO. 20030910-R3100)

KITCHEN DISHWASHER HOOD EXHAUST AND LAUNDRY MAKE-UP AIR FOR DRYERS

3M FIRE BARRIER DUCT WRAP 15A 2-HOUR, DOUBLE LAYER AIR VENTILATION DUCT PROTECTION SYSTEM. UL. 1978, AC101 CERTIFIED

SEE MECHANICAL DRAWINGS FOR ADDITIONAL KITCHEN HOOD INFORMATION.

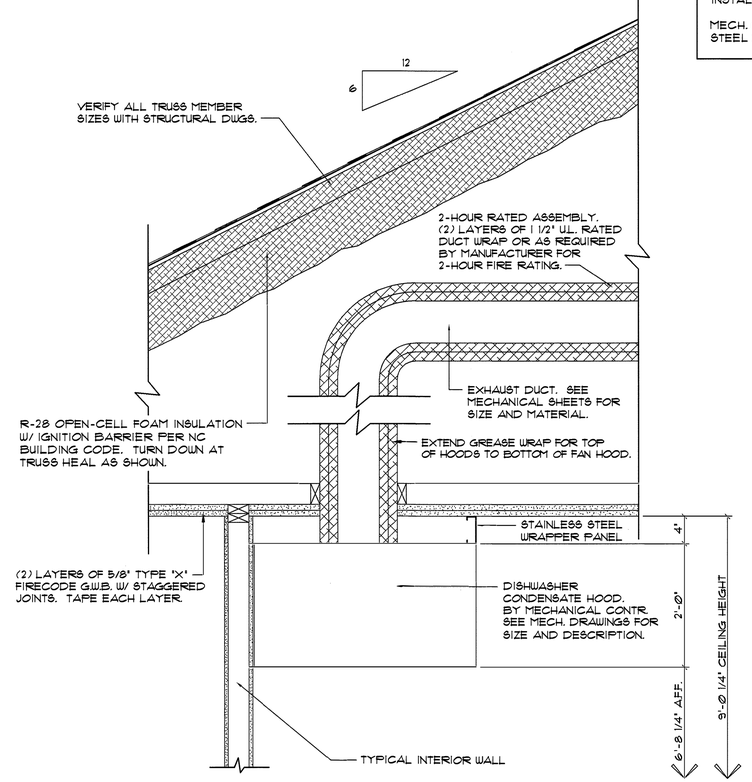
OXYGEN STORAGE ROOM # 45 EXHAUST DUCT REQUIREMENTS

6" X 6" EXHAUST DUCT SERVING OXYGEN STORAGE ROOM # 45 TO HAVE 2-HOUR RATED DOUBLE LAYER GREASE DUCT PROTECTION. FROM TOP OF CEILING MEMBRANE THRU ATTIC SPACE TO EXHAUST FAN ON THE ROOF. VERIFY SIZE OF DUCT WITH MECHANICAL DRAWINGS.

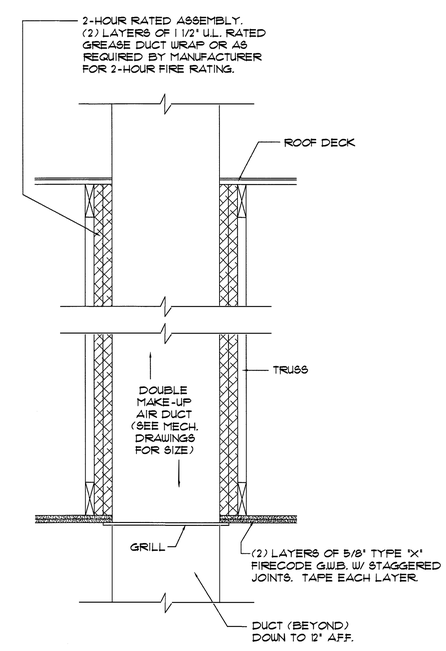
SEE MECHANICAL SHEETS FOR LOCATION OF CONDENSATE EXHAUST FAN BY MECH. CONTRACTOR

MECHANICAL CONTRACTOR TO FURNISH AND INSTALL HOOD AND CONDENSATE EXHAUST FAN.

MECH. CONTRACTOR TO PROVIDE STAINLESS STEEL DUCTWORK AND INSTALL ALL ABOVE.



3402 **SECTION** DISHWASHER CONDENSATE HOOD AND DUCT
SCALE: 1"=1'-0"



3403 **SECTION** DRYER MAKE-UP AIR DUCT FIRE PROTECTION
SCALE: 1"=1'-0"

David Polston

STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT

4-15-2025

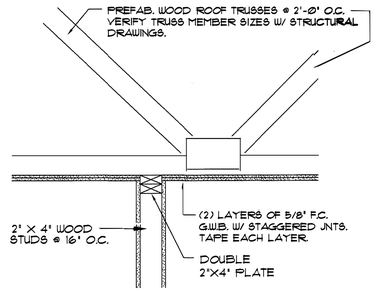
PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

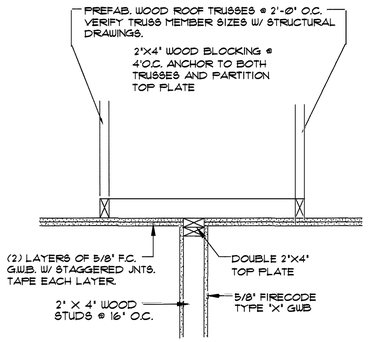
100 BED NURSING FACILITY

A
34

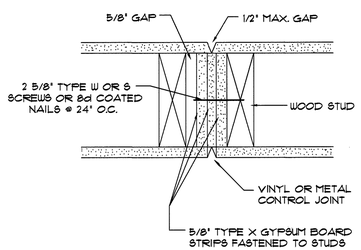
NOTE: VERIFY ALL STEEL BEAMS, HEADERS, AND COLUMN SIZES WITH THE STRUCTURAL SHEETS PRIOR TO CONSTRUCTION.



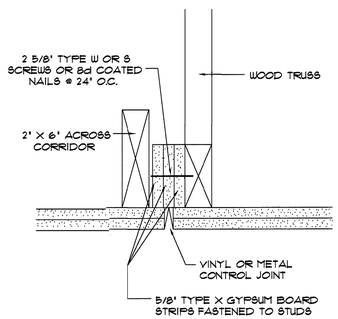
3503 **DETAIL** TYP. INTERIOR PARTITION PERPENDICULAR TO ROOF TRUSSES
SCALE: N.T.S.



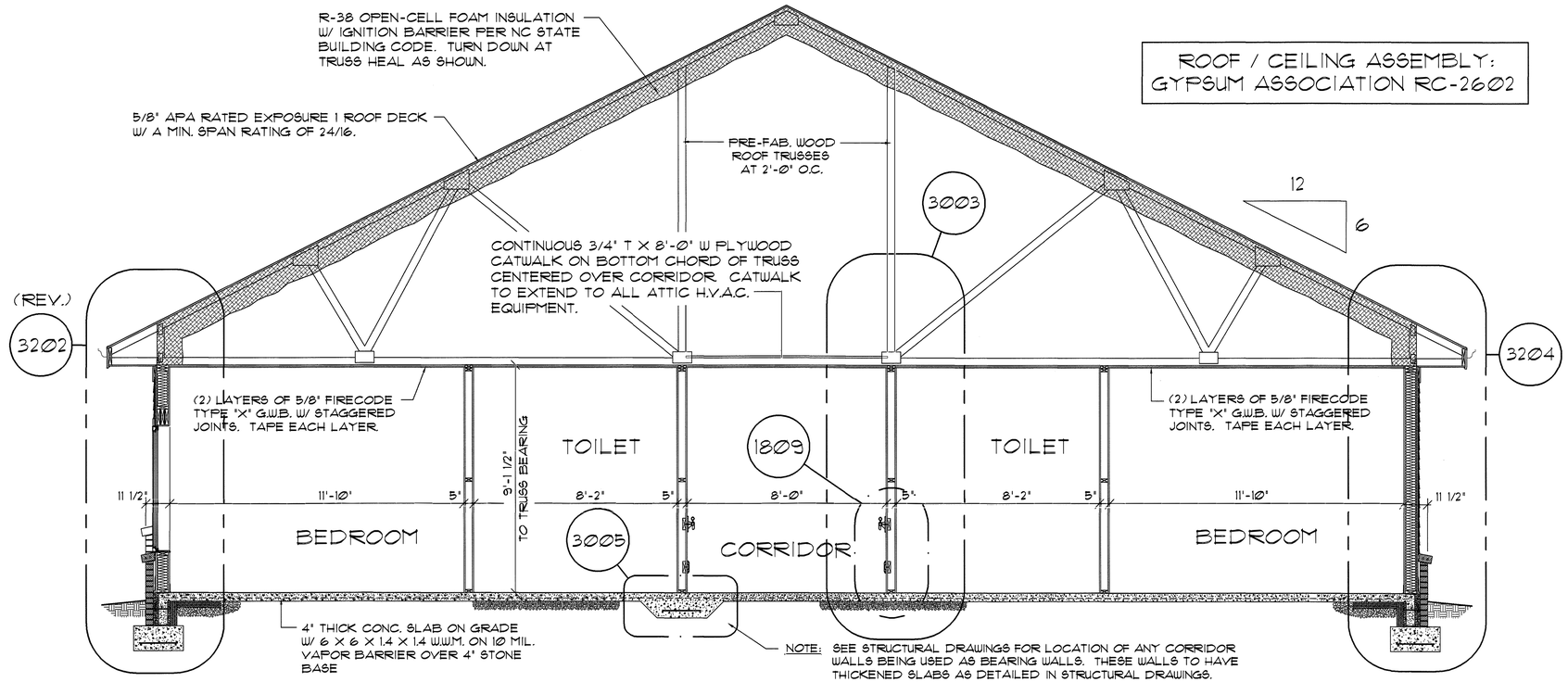
3504 **DETAIL** TYP. INTERIOR PARTITION PARALLEL TO ROOF TRUSSES
SCALE: N.T.S.



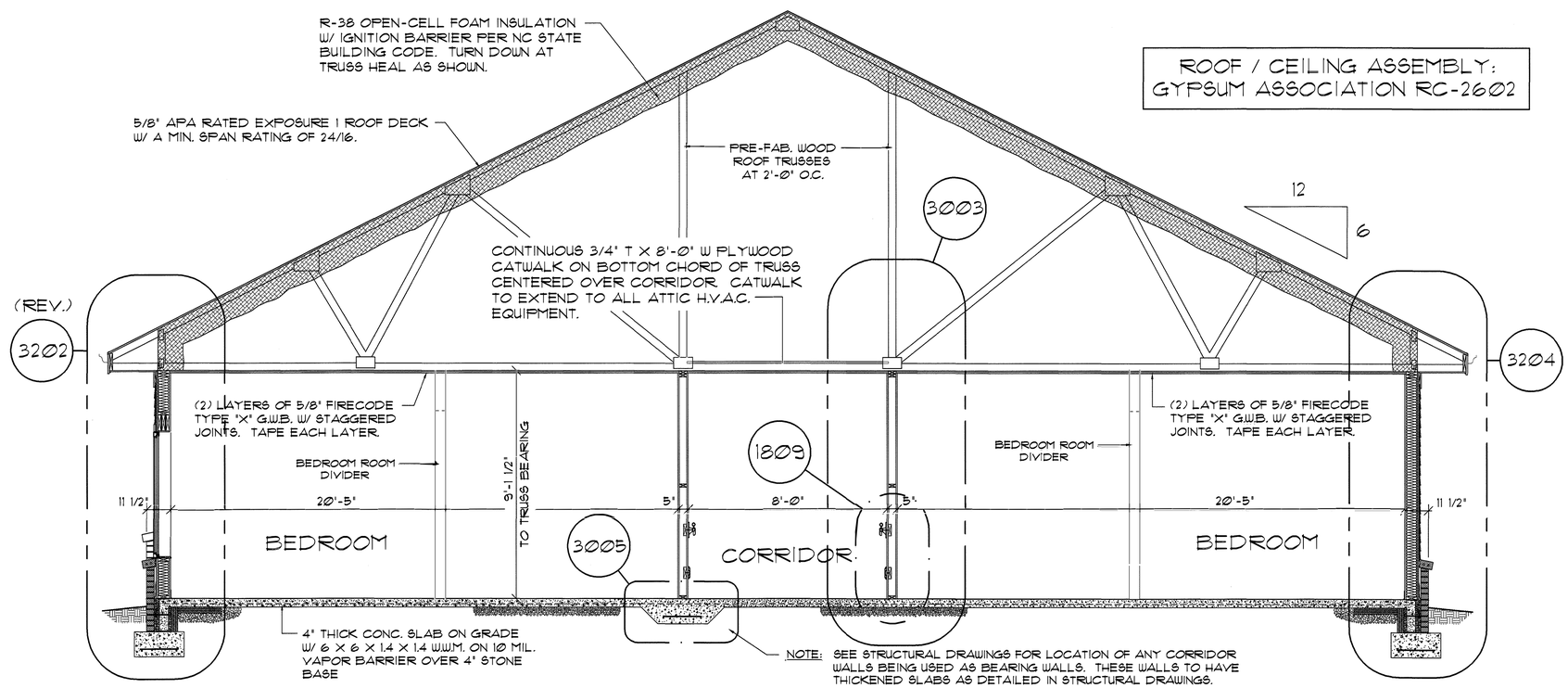
3505 **DETAIL** TYPICAL WALL CONTROL JOINT (1-HR. WALL)
SCALE: N.T.S.



3506 **DETAIL** TYPICAL CEILING CONTROL JOINT (1-HR. RATED)
SCALE: N.T.S.



3501 **SECTION** TYPICAL BEDROOM WING CROSS-SECTION
SCALE: 3/8" = 1'-0"



3502 **SECTION** TYPICAL BEDROOM WING CROSS-SECTION - CONCIERGE WINGS
SCALE: 3/8" = 1'-0"

STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-15-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED
NURSING FACILITY

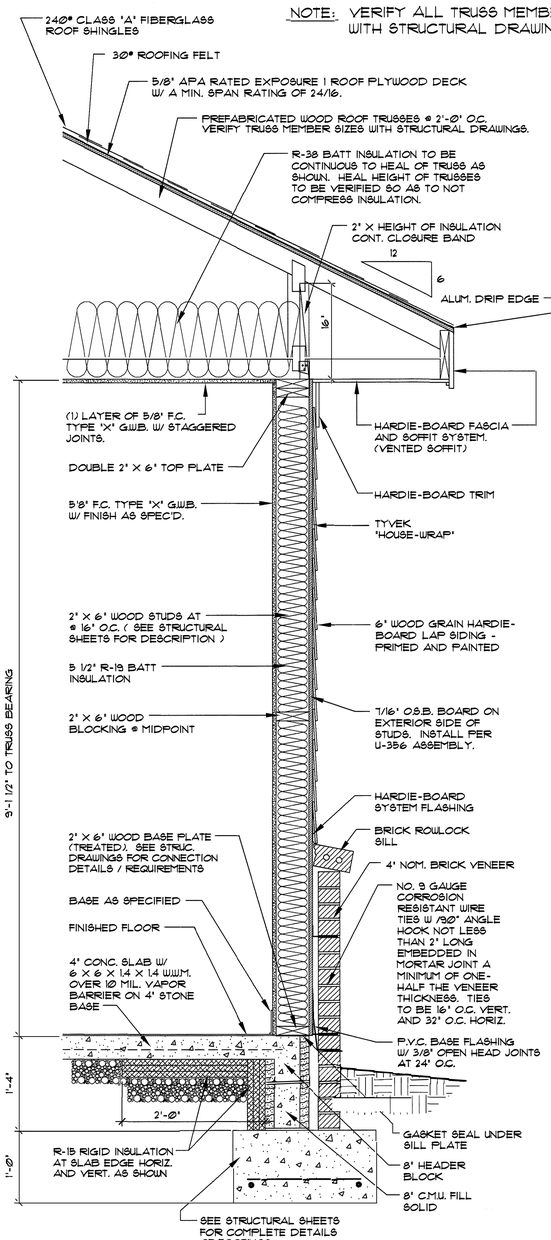
A
35

DOOR AND FRAME SCHEDULE - SEE SHEET A-20 FOR DOOR AND FRAME ELEVATIONS

DOOR TYPE 'A': 3'-0" X 7'-0"
- DOOR MATERIAL: HMW
- DOOR TYPE: 3
- DOOR LABEL: NONE
- FRAME MATERIAL: HWM
- FRAME TYPE: 1
- HARDWARE SET: B/B HINGES, KEYPAD LEVER HANDLE LOCKSET, DOOR CLOSURE, THRESHOLD, WEATHERSTRIPPING

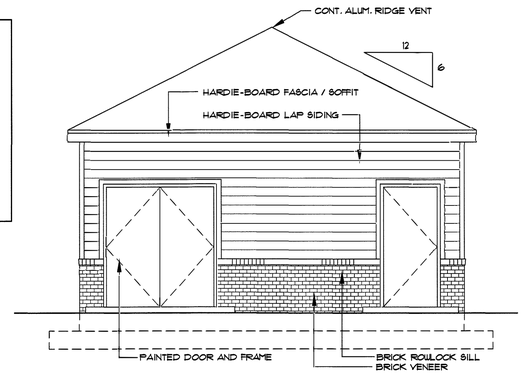
DOOR TYPE 'B': 6'-0" X 7'-0"
- DOOR MATERIAL: HWM
- DOOR TYPE: 4
- DOOR LABEL: NONE
- FRAME MATERIAL: HWM
- FRAME TYPE: 1
- HARDWARE SET: B/B HINGES, KEYPAD LEVER HANDLE LOCKSET, FLUSH BOLTS, THRESHOLD, WEATHERSTRIPPING

NOTE: VERIFY ALL TRUSS MEMBER SIZES WITH STRUCTURAL DRAWINGS.

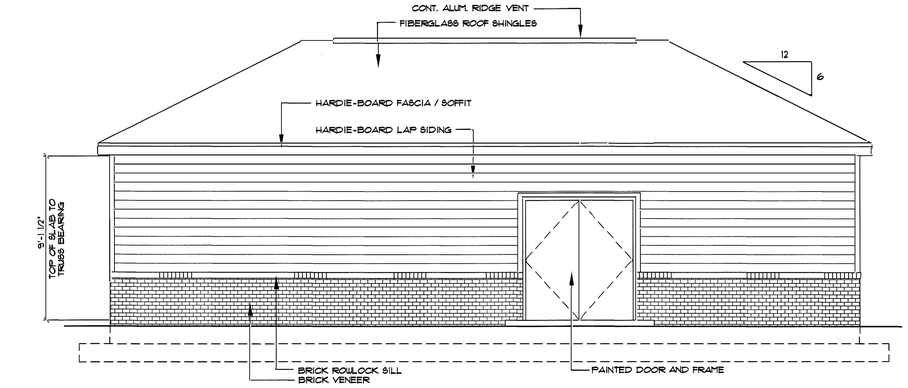


VERIFY FOUNDATION WALL AND FOOTING SIZES WITH STRUCTURAL DRAWINGS PRIOR TO STORAGE BUILDING CONSTRUCTION.

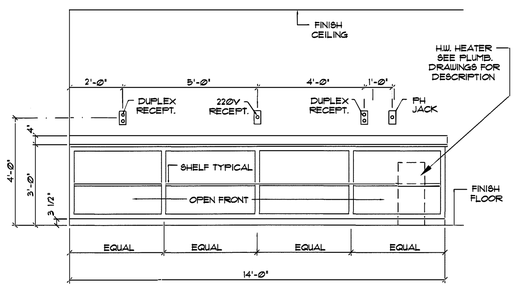
3605 **SECTION** TYP. WALL SECTION (STORAGE BUILDING)
SCALE: 1"= 1'-0"



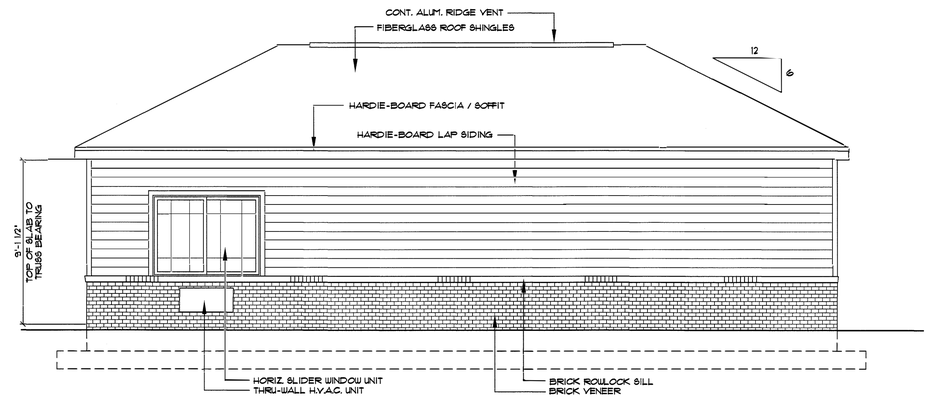
3601 **ELEVATION** FRONT ELEVATION
SCALE: 1/4"= 1'-0"



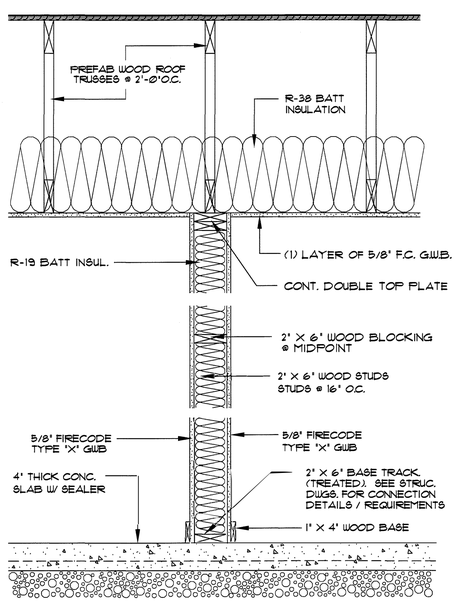
3602 **ELEVATION** LEFT SIDE ELEVATION
SCALE: 1/4"= 1'-0"



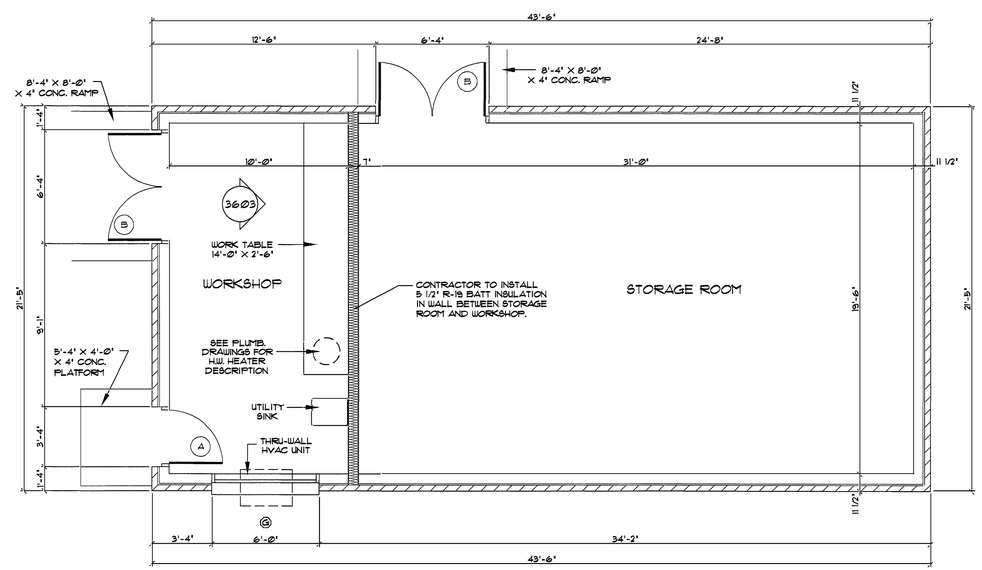
3603 **ELEVATION** WORKTABLE
SCALE: 3/8"= 1'-0"



3604 **ELEVATION** RIGHT SIDE ELEVATION
SCALE: 1/4"= 1'-0"



3606 **SECTION** STORAGE BUILDING INTERIOR WALL
SCALE: 1"=1'-0"



3607 **FLOOR PLAN** STORAGE BUILDING
SCALE: 1/4"= 1'-0"

David R. Polston
STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-15-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED
NURSING FACILITY

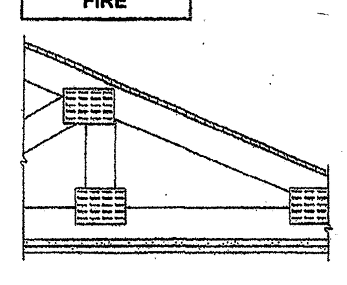
A
36

GA FILE NO. RC 2602	GENERIC

WOOD TRUSSES, GYPSUM WALLBOARD

Base layer 5/8" type X gypsum wallboard applied at right angles to wood roof trusses 24" o.c. with 1 1/4" Type W or S drywall screws 24" o.c. Face layer 5/8" type X gypsum wallboard or gypsum veneer base applied at right angles to trusses with 1 7/8" Type W or S drywall screws 12" o.c. at joints and intermediate trusses and 1 1/2" Type G drywall screws 12" o.c. placed 2" back on either side of end joints. Joints offset 24" from base layer joints. Wood trusses supporting 1/2" wood structural panels applied at right angles to trusses with 8d nails. Appropriate roof covering. Ceiling provides one hour fire resistance protection for trusses.

1 HOUR FIRE



Approx. Ceiling Weight: 5 psf
Fire Test: FM FC 172, 2-25-72; ITS, 8-6-98

(1) **DETAIL** GYPSUM ASSOCIATION RC-2602
SCALE: N.T.S.

BXUV.U356 Fire Resistance Ratings - ANSI/UL 263

Page Bottom

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Listed or Classified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered as Classified, Listed, or Recognized.

Fire Resistance Ratings - ANSI/UL 263

See General Information for Fire Resistance Ratings - ANSI/UL 263

Design No. U356

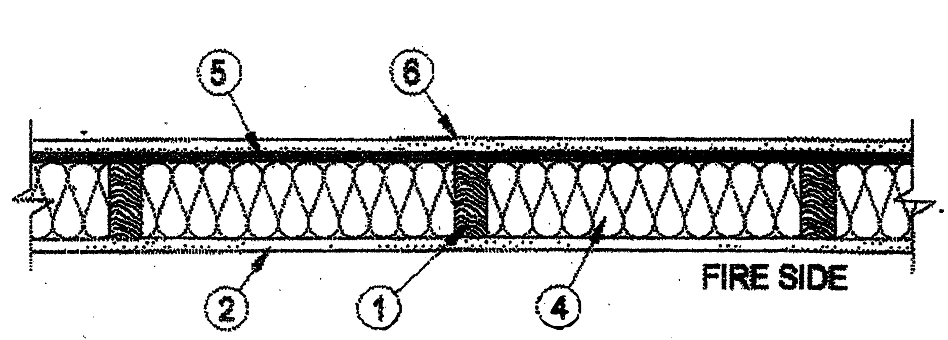
July 25, 2009

(Exposed to Fire on Interior Face Only)

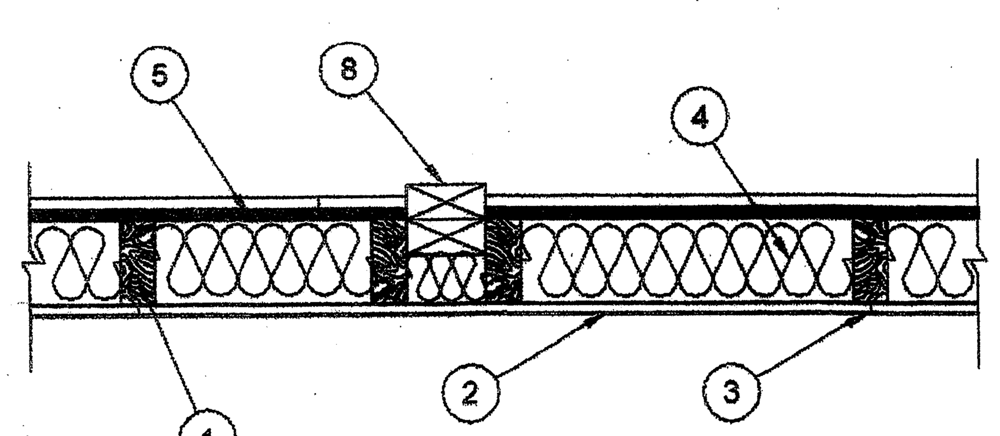
Bearing Wall Rating — 1 Hr

Finish Rating — 23 Min or 25 Min (See Item 2C)

Load Restricted for Canadian Applications — See Guide BXUV7



HORIZONTAL SECTION



(2) **DETAIL** U.L. ASSEMBLY U-356
SCALE: N.T.S.

1. **Wood Studs** — Nom 2 by 4 in. spaced 16 in. OC with two 2 by 4 in. top and one 2 by 4 in. bottom plates. Studs laterally-braced by wood structural panel sheathing (Item 5). When Mineral and Fiber Boards* (Item 5A) are considered as bracing for the studs, the load is restricted to 76% of allowable axial load. Walls effectively fire stopped at top and bottom of wall.

2. **Gypsum Board*** — Any Classified 5/8 in. thick, 4 ft wide, applied vertically and nailed to studs and bearing plates 7 in. OC with 6d cement-coated nails, 1-7/8 in. long with 1/4 in. diam head.

When Item 7, **Steel Framing Members***, is used, gypsum panels attached to furring channels with 1 in. long Type S bugle-head steel screws spaced 12 in. OC.

When Item 7A, **Steel Framing Members***, is used, two layers of gypsum panels attached to furring channels. Base layer attached to furring channels with 1 in. long Type S bugle-head steel screws spaced 12 in. OC. Face layer attached to furring channels with 1-5/8 in. long Type S bugle-head steel screws spaced 12 in. OC. All joints in face layers staggered with joints in base layers.

See **Gypsum Board** (CKNX) Category for names of Classified Companies.

2A. **Gypsum Board*** — (As an alternate to Item 2, not shown) - Any 5/8 in. thick 4 ft wide gypsum panels supplied by the Classified Companies listed below shown Gypsum Board* (CKNX) category. Applied vertically and attached to studs and bearing plates with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screw 1 in. from edge of board.

CANADIAN GYPSUM COMPANY

UNITED STATES GYPSUM CO

USG MEXICO S A DE C V

2B. **Gypsum Board*** — (As an alternate to Item 2, not shown) - 5/8 in. thick 4 ft wide gypsum panels applied vertically and attached to studs and bearing plates with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screw 1 in. from edge of board.

AMERICAN GYPSUM CO — Types AGX-1, AG-C

CERTAINTEED GYPSUM INC — ProRoc Type C or ProRoc Type X

CERTAINTEED GYPSUM CANADA INC — ProRoc Type C or ProRoc Type X

PABCO BUILDING PRODUCTS L L C, DBA

PABCO GYPSUM — Type PG-11

TEMPLE-INLAND FOREST PRODUCTS CORP — Types X, Veneer Plaster Base-Type X, Water Rated-Type X, Sheathing Type-X, Soffit-Type X, Type X ComfortGuard Sound Deadening Gypsum Board.

2C. **Gypsum Board*** — (As an alternate to Item 2, not shown) - For Use with Item 5A only - 5/8 in. thick 4 ft wide gypsum panels applied horizontally and attached to studs and bearing plates with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screws 1 in. and 4 in. from edges of board. Finish Rating is 25 min.

PABCO BUILDING PRODUCTS L L C, DBA

PABCO GYPSUM — Type PG-11

TEMPLE-INLAND FOREST PRODUCTS CORP — Type X, Veneer Plaster Base-Type X, Water Rated-Type X, ~~Sheathing Type-X,~~ Soffit-Type X

3. **Joints and Nailheads** — (Not Shown) — Wallboard joints covered with tape and joint compound. Nail heads covered with joint compound.

4. **Batts and Blankets*** — Mineral fiber or glass fiber insulation, 3-1/2 in. thick, pressure fit to fill wall cavities between studs and plates. Mineral fiber insulation to be unfaced and to have a min density of 3 pcf. Glass fiber insulation to be faced with aluminum foil or kraft paper and to have a min density of 0.9 pcf (min R-13 thermal insulation rating).

See **Batts and Blankets** (BKNV) Category in the Building Materials Directory and Batts and Blankets (BZJZ) Category in the Fire Resistance Directory for names of Classified Companies.

4A. **Fiber, Sprayed*** — As an alternate to Batts and Blankets (Item 4) — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. Nominal dry density of 3.0 lb/ft^3. Alternate application method: The fiber is applied with U.S. Greenfiber LLC Type AD100 hot melt adhesive at a nominal ratio of one part adhesive to 6.6 parts fiber to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. Nominal dry density of 2.5 lb/ft^3.

U S GREENFIBER L L C — Cocoon2 Stabilized or Cocoon-FRM (Fire Rated Material)

4B. **Fiber, Sprayed*** — As an alternate to Item 4 and 4A — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. Nominal dry density of 4.58 lb/ft^3.

NU-WOOL CO INC — Cellulose Insulation

5. **Wood Structural Panel Sheathing** — Min 7/16 in. thick, 4 ft wide wood structural panels, min grade "C-D" or "Sheathing". Installed with long dimension of sheet (strength axis) or face grain of plywood parallel with or perpendicular to studs. Vertical joints centered on studs. Horizontal joints backed with nom 2 by 4 in. wood blocking. Attached to studs on exterior side of wall with 6d cement coated box nails spaced 6 in. OC at perimeter of panels and 12 in. OC along interior studs.

5A. **Mineral and Fiber Boards*** — As an alternate to Item 5 - Min 1/2 in. thick, 4 ft wide sheathing, installed vertically to studs. Vertical joints centered on studs. Horizontal joints backed with nom 2 by 4 in. wood blocking. Attached to studs on exterior side of wall with 1-1/2 in. long galvanized roofing nails spaced 6 in. OC at perimeter of panels and 12 in. OC along interior studs. As an option a weather resistive barrier may be applied over the Mineral and Fiber Boards.

TEMPLE-INLAND FOREST PRODUCTS CORP — Types FiberBrace or QuietBrace

6. **Exterior Facings** — Installed in accordance with the manufacturer's installation instructions. One of the following exterior facings is to be applied over the sheathing:

A. **Vinyl Siding — Molded Plastic*** — Contoured rigid vinyl siding having a flame spread value of 20 or less.

See Molded Plastic (BTAT) category in the Building Materials Directory for names of manufacturers.

B. **Particle Board Siding** — Hardboard exterior sidings including patterned panel or lap siding.

C. **Wood Structural Panel or Lap Siding** — APA Rated Siding, Exterior, plywood, OSB or composite panels with veneer faces and structural wood core, per PS 1 or APA Standard PRP-108, including textured, rough sawn, medium density overlay, brushed, grooved and lap siding.

D. **Cementitious Stucco** — Portland cement or synthetic stucco systems with self-furring metal lath or adhesive base coat. Thickness from 3/8 to 3/4 in., depending on system.

E. **Brick Veneer** — Any type on nom 4 in. wide brick veneer. When brick veneer is used, the rating is applicable with exposure on either face. Brick veneer fastened with corrugated metal wall ties attached over sheathing to wood studs with 8d nail per tie: ties spaced not more than each sixth course of brick and max 32 in. OC horizontally. One in. air space provided between brick veneer and sheathing.

F. **Exterior Insulation and Finish System (EIFS)** — Nom 1 in. Foamed Plastic* insulation ~~bearing the UL~~ Classification Marking, attached over sheathing and finished with coating system, or Portland cement or synthetic stucco systems, in accordance with manufacturer's instructions. See **Foamed Plastic** (BRYX and CCVW) categories for names of Classified companies.

G. **Siding** — Aluminum or steel siding attached over sheathing to studs.

H. **Fiber-Cement Siding** — Fiber-cement exterior sidings including smooth and patterned panel or lap siding.

7. **Steel Framing Members** — (Optional, Not Shown)* — Furring Channels and Steel Framing Members as described below:

a. **Furring Channels** — Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Gypsum board attached to furring channels as described in Item 2.

b. **Steel Framing Members*** — Used to attach furring channels (Item 7a) to studs. Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring channels are friction fitted into clips.

PAC INTERNATIONAL INC — Type RSIC-1.

7A. **Steel Framing Members (Optional, Not Shown)*** — Furring channels and Steel Framing Members as described below:

a. **Furring Channels** — Formed of No. 25 MSG galv steel, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. Two layers of gypsum board attached to furring channels as described in Item 2.

b. **Steel Framing Members*** — Used to attach furring channels (Item 7Aa) to interior side of studs. Clips spaced 48 in. OC., and secured to studs with two No. 8 x 2-1/2 in. coarse drywall screws, one through the hole at each end of the clip. Furring channels are friction fitted into clips.

KINETICS NOISE CONTROL INC — Type Isomax.

8. **Non-Bearing Wall Partition Intersection** — (Optional) Two nominal 2 by 4 in. stud or nominal 2 by 6 in. stud nailed together with two 3in. long 10d nails spaced a max. 16 in. OC. vertically and fastened to one side of the minimum 2 by 4 in. stud with 3 in. long 10d nails spaced a max 16 in. OC. vertically. Intersection between partition wood studs to be flush with the 2 by 4 in. studs. The wall partition wood studs are to be framed by with a second 2 by 4 in. wood stud fastened with 3 in. long 10d nails spaced a max. 16 in. OC. vertically. Maximum one non-bearing wall partition intersection per stud cavity. Non-bearing wall partition stud depth shall be at a minimum equal to the depth of the bearing wall.

*Bearing the UL Classification Mark

Last Updated on 2009-07-25

UL ONLINE CERTIFICATIONS DIRECTORY

BXUV.U902 Fire Resistance Ratings - ANSI/UL 263

Page Bottom

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Listed or Classified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered as Classified, Listed, or Recognized.

Fire Resistance Ratings - ANSI/UL 263

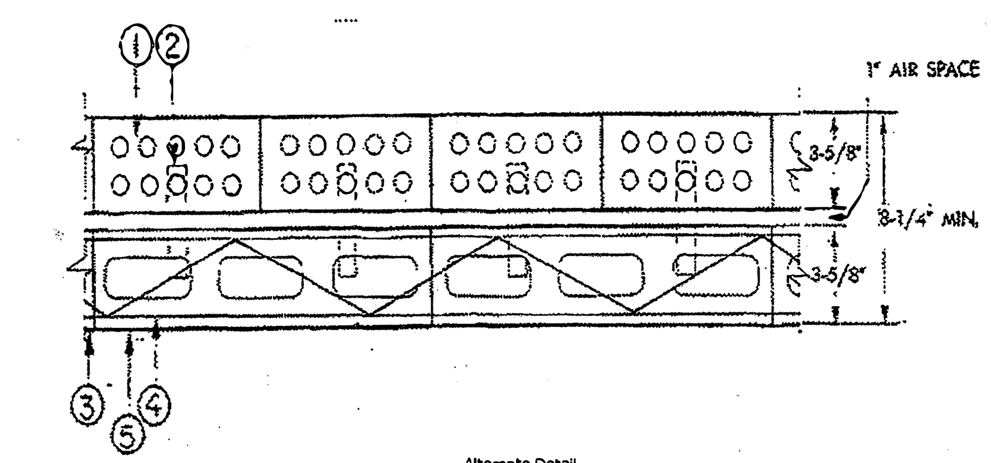
See General Information for Fire Resistance Ratings - ANSI/UL 263

Design No. U902

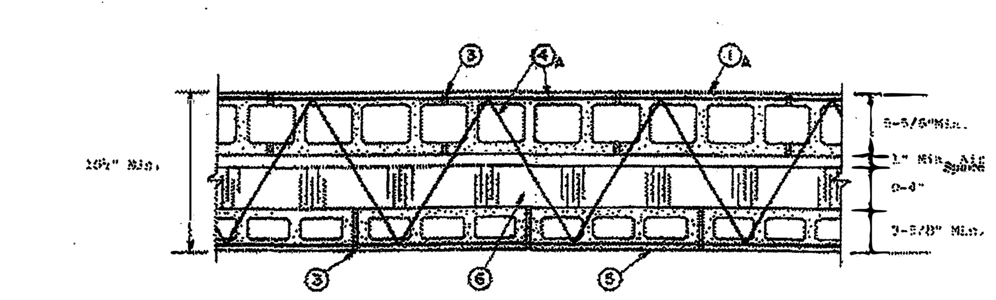
October 30, 2009

Bearing Wall Rating — 4 HR.

Load Restricted for Canadian Applications — See Guide BXUV7



Alternate Detail



1. **Clay Face Brick** — 3-5/8 in. wide by 2-1/4 in. high by 8 in. long.

1A. **Concrete Blocks*** — Various designs, Classification D-2 (2 h).

See Concrete Blocks category for list of eligible manufacturers.

2. **Brick Ties** — 3/4 in. wide, 7 in. long corrugated 26 MSG galv steel. Spaced one to each brick in every second course of blocks.

3. **Mortar** — Bricks and blocks laid in full bed of mortar nom. 3/8 in. thick of not less than 2-1/4 and not more than 3-1/2 parts clean sharp sand to 1 part Portland cement (proportioned by vol) and not more than 50 percent hydrated lime (by cement vol). Vertical joints staggered.

4. **Reinforcement** — Parallel and diagonal rods, 0.150 in. min diam with welded joints a max 16 in. OC. Placed the width of concrete block wall in every second course of blocks alternately with brick ties.

4A. **Masonry Reinforcement** — Prefabricated steel reinforcement, truss or ladder type, used for embedment in every second horizontal mortar joint. Placed the full width of wall assembly. Side and cross rods No. 9 (0.150 in.) min diam with welded joints a max 16 in. OC.

5. **Concrete Blocks*** — Various designs Classification D-2 (2 h). See Concrete Blocks category for list of eligible manufacturers.

6. **Foamed Plastic*** — (Optional — Not shown with clay face brick detail) Rigid polystyrene insulation for use between brick and/or concrete blocks. One or more layers of rigid extruded polystyrene insulation, 4 in. thick max having 1 in. min air space with face brick or blocks.

THE DOW CHEMICAL CO

OC CELFORTEC INC

OWENS CORNING SPECIALTY & FOAM

PRODUCTS — Type 150 or 250.

6A. **Foamed Plastic*** — (Optional-Not shown with clay face brick detail). Rigid polyisocyanurate insulation for use between brick and/or concrete blocks. One or more layers of rigid extruded polystyrene insulation, 4 in. thick max having 1 in. min airspace with face brick or blocks.

THE DOW CHEMICAL CO — Type Thermax

6B. **Foamed Plastic*** — (Optional-Not shown with clay face brick detail). Two-component foamed plastic formed from NCFI 11-001, NCFI 11-002, NCFI 11-015, NCFI 11-016 or NCFI11-017 spray applied between brick and/or concrete blocks at a nominal density of 2.1 pcf, 4 in. thick max, having a 1 in. min air space with face brick or blocks.

NCFI POLYURETHANES

*Bearing the UL Classification Mark

Last Updated on 2009-10-30

(2A) **DETAIL** U.L. ASSEMBLY U-902 (4-HR. FIREWALL ABOVE ROOF DECK)
SCALE: N.T.S.

STATE OF SOUTH CAROLINA REGISTERED ARCHITECT
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212

4-15-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED NURSING FACILITY

FS
1

BXUV.U305
Fire Resistance Ratings - ANSI/UL 263

Page Bottom

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Listed or Classified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered as Classified, Listed, or Recognized.

Fire Resistance Ratings - ANSI/UL 263

See General Information for Fire Resistance Ratings - ANSI/UL 263

Design No. U305

December 23, 2008

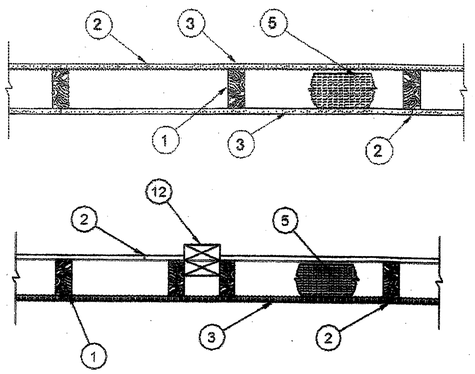
Bearing Wall Rating — 1 HR.

Bearing Wall Rating - ¾ HR (See Item 6B)

Finish Rating — See Items 3, 3A, 3D, 3E, 3F, 3G and 3H.

STC Rating - 56 (See Item 9)

Load Restricted for Canadian Applications — See Guide BXUV2



1. **Wood Studs** — Nom 2 by 4 in. spaced 16 in. OC max, effectively firestopped.

2. **Joints and Nail-Heads** — Exposed or covered with fiber tape and joint compound, except where required for specific edge configuration. For tapered, rounded-edge gypsum board, joints covered with joint compound or fiber tape and joint compound. As an alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced. Nailheads exposed or covered with joint compound.

3. **Gypsum Board*** — 5/8 in. thick paper or vinyl surfaced, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. When used in widths other than 48 in., gypsum panels are to be installed horizontally. For an alternate method of attachment of gypsum panels, refer to Item 6, 6A or 6B, **Steel Framing Members***.

When Item 6, **Steel Framing Members***, is used, gypsum panels attached to furring channels with 1 in. long Type S bugle-head steel screws spaced 12 in. OC.

When Item 6A, **Steel Framing Members***, is used, two layers of gypsum panels attached to furring channels. Base layer attached to furring channels with 1 in. long Type S bugle-head steel screws spaced 12 in. OC. Face layer attached to furring channels with 1-5/8 in. long Type S bugle-head steel screws spaced 12 in. OC. All joints in face layers staggered with joints in base layers. One layer of gypsum board attached to opposite side of wood stud without furring channels as described in Item 3.

When Item 6B (3/4 hr rating), **Steel Framing Members***, is used, one layer of gypsum panels attached to furring channels with 1 in. long Type S bugle-head steel screws spaced 12 in. OC. Joints oriented vertically and staggered on opposite sides of the assembly. One layer of gypsum board attached to opposite side of wood stud without furring channels as described in Item 3.

When Item 6B (1 hr rating), **Steel Framing Members***, is used, two layers of gypsum panels attached to furring channels. Base layer attached to furring channels with 1 in. long Type S bugle-head steel screws spaced 12 in. OC. Face layer attached to furring channels with 1-5/8 in. long Type S bugle-head steel screws spaced 12 in. OC. All joints in face layer staggered with joints in base layer a minimum of 16 in. Joints oriented vertically and base layer staggered on opposite sides of the assembly. One layer of gypsum board attached to opposite side of wood stud without furring channels as described in Item 3.

When Item 7, resilient channels are used, 5/8 in. thick, 4 ft wide gypsum panels applied vertically. Screw attached furring channels with 1 in. long, self-drilling, self-tapping Type S or S-12 steel screws spaced 8 in. OC, vertical joints located midway between studs.

AMERICAN GYPSUM CO — Types AGX-1 (finish rating 23 min.), Type AGX-11 (finish rating 26 min) or Type AG-C

BEIJING NEW BUILDING MATERIALS PUBLIC

LTD CO — Type DSX-1 (finish rating 24 min).

CERTAINTEED GYPSUM INC — Type 1, Type SF3 (finish rating 20 min) or FRPC, ProRoc Type C or ProRoc Type X (finish rating 26 min), Type EGRG (finish rating 23 min)

CERTAINTEED GYPSUM CANADA INC — ProRoc Type C, ProRoc Type X or ProRoc Type Abuse-Resistant (finish rating 26 min)

CANADIAN GYPSUM COMPANY — Type AR (finish rating 24 min), Type C (finish rating 24 min), Type FCV (finish rating 24 min), Type IP-AR (finish rating 24 min), Type IPC-AR (finish rating 24 min), Type IP-X1 (finish rating 24 min), Type IP-X2 (finish rating 24 min), Type SCX (finish rating 24 min), Type SHX (finish rating 24 min), Type WRC (finish rating 24 min), Type WRX (finish rating 24 min).

GEORGIA-PACIFIC GYPSUM L L C — Type 5 (finish rating 26 min), Type 6 (finish rating 23 min), Type 9 (finish rating 26 min), Type C (finish rating 26 min), Type DGG (finish rating 20 min), Type GPFS1 (finish rating 20 min), Type GPFS2 (finish rating 20 min), Type GPFS6 (finish rating 26 min), Type DS, Type DAP, Type DD (finish rating 20 min), DA, DAFC .

LAFARGE NORTH AMERICA INC — Type LGFC2 (finish rating 20 min), Type LGFC3 (finish rating 20 min), Type LGFC6 (finish rating 26 min), Type LGFC-C (finish rating 20 min), Type LGFC8A (finish rating 34 min), Type LGFC2A, Type LGFC-C/A.

NATIONAL GYPSUM CO — Type FSK (finish rating 20 min), Type FSK-G (finish rating 20 min), Type FSW (finish rating 20 min), Type FSW-2 (finish rating 24 min), Type FSW-3 (finish rating 20 min), Type FSW-5 (finish rating 22 min), Type FSW-G (finish rating 20 min), Type FSK-C (finish rating 20 min), Type FSW-C (finish rating 20 min), Type FSWI-C, Type FSW-6 (finish rating 20 min).

PABCO BUILDING PRODUCTS L L C, DBA

PABCO GYPSUM — Types C, PG-2 (finish rating 20 min), PG-3 (finish rating 20 min), Types PG-3W, PG-5W (finish rating 20 min), Type PG-4 (finish rating 20 min), Type PG-6 (finish rating 23 min), Types PG-3WS, PG-5WS (finish rating 20 min), Types PG-5, PG-9 (finish rating 26 min), PG-11 or Type PG-C.

PANEL REY S A — Type PRX.

SIAM GYPSUM INDUSTRY (SARABURI) CO LTD — Type EX-1 (finish rating 26 min)

TEMPLE-INLAND FOREST PRODUCTS CORP — Type X, Veneer Plaster Base - Type X, Water Rated - Type X, Sheathing - Type X, Soffit - Type X.

UNITED STATES GYPSUM CO — Type AR (finish rating 24 min), Type SCX (finish rating 24 min), Type C (finish rating 24 min), Type WRX (finish rating 24 min), Type WRC (finish rating 24 min), Type IP-X1 (finish rating 24 min), Type FCV (finish rating 24 min), Type IP-X2 (finish rating 24 min), Type SHX (finish rating 24 min), Type FRX-G (finish rating 29 min), Type IP-AR (finish rating 24 min), Type IPC-AR (finish rating 24 min).

USG MEXICO S A DE C V — Type AR (finish rating 24 min), Type C (finish rating 24 min), Type WRX (finish rating 24 min), Type WRC (finish rating 24 min), Type IP-X1 (finish rating 24 min), Type FCV (finish rating 24 min), Type IP-X2 (finish rating 24 min), Type SHX (finish rating 24 min), Type SCX (finish rating 24 min), Type IPC-AR (finish rating 24 min).

3A. **Gypsum Board*** — (As an alternate to Item 3) — 5/8 in. thick gypsum panels, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in.

long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screw 1 in. from edge of board. When used in widths of other than 48 in., gypsum boards are to be installed horizontally.

AMERICAN GYPSUM CO — Types AGX-1 (finish rating 25 min.), Type AG-C (finish rating 25 min.).

CANADIAN GYPSUM COMPANY — Type AR (finish rating 24 min), Type C (finish rating 24 min), Type FCV (finish rating 34 min) , Type IP-AR (finish rating 24 min), Type IPC-AR (finish rating 24 min), Type IP-X1 (finish rating 24 min), Type IP-X2 (finish rating 24 min), Type SCX (finish rating 24 min), Type SHX (finish rating 24 min), Type WRC (finish rating 24 min), Type WRX (finish rating 24 min).

UNITED STATES GYPSUM CO — Type AR (finish rating 24 min), Type SCX (finish rating 24 min), Type C (finish rating 24 min), Type WRX (finish rating 24 min), Type WRC (finish rating 24 min), Type IP-X1 (finish rating 24 min), Type FCV (finish rating 24 min), Type IP-X2 (finish rating 24 min), Type SHX (finish rating 24 min), Type IP-AR (finish rating 24 min), Type IPC-AR (finish rating 24 min).

USG MEXICO S A DE C V — Type AR (finish rating 24 min), Type C (finish rating 24 min), Type WRX (finish rating 24 min), Type WRC (finish rating 24 min), Type IP-X1 (finish rating 24 min), Type FCV (finish rating 24 min), Type IP-X2 (finish rating 24 min), Type SHX (finish rating 24 min), Type SCX, Type IP-AR (finish rating 24 min), Type IPC-AR (finish rating 24 min).

3B. **Gypsum Board*** — (As an alternate to Item 3) — Nom 3/4 in. thick, installed with 1-7/8 in. long cement coated nails as described in Item 3 or 1-3/8 in. long Type W coarse thread gypsum panel steel screws as described in Item 3A.

CANADIAN GYPSUM COMPANY — Types AR, IP-AR.

UNITED STATES GYPSUM CO — Types AR, IP-AR.

USG MEXICO S A DE C V — Types AR, IP-AR.

3C. **Gypsum Board*** — (As an alternate to Items 3, 3A and 3B) - 5/8 in. thick, 2 ft wide, tongue and groove edge, applied horizontally to one side of the assembly. Installed with 1-7/8 in. long cement coated nails as described in Item 3 or 1-1/4 in. long Type W coarse thread gypsum panel steel screws as described in Item 3A. Joint covering (Item 2) not required.

CANADIAN GYPSUM COMPANY — Type SHX.

UNITED STATES GYPSUM CO — Type SHX.

USG MEXICO S A DE C V — Type SHX.

3D. **Wall and Partition Facings and Accessories*** — (As an alternate to Items 3, 3A, 3B and 3C, not shown) - Nominal 5/8 in. thick, 4 ft wide panels, applied vertically to studs and bearing plates on one side of the assembly with 1-5/8 in. long Type S screws spaced 12 in. OC at perimeter of panels and 8 in. OC in the field. Horizontal joints of vertically applied panels need not be backed by studs. Panel joints covered with paper tape and two layers of joint compound. Screwheads covered with two layers of joint compound. Batts and Blankets placed in stud cavity as described in Item 5E. Not evaluated for use with Steel Framing Members, Furring Channels or Fiber, Sprayed.

QUIET SOLUTION INC — Type QuietRock QR-530 (finish rating 23 min).

3E. **Gypsum Board*** — (As an alternate to Items 3, 3A, 3B, 3C, or 3D -not shown) For Direct Application to Studs Only- Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs.

Wallboard secured to studs with 1-5/8 in. long Type W coarse thread gypsum panel steel screws spaced 8 in. OC at perimeter and in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. placed on the face of studs and attached to the stud with two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs or tabs may be used in lieu of or in addition to the lead batten strips or optional at other locations. Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards underneath screw locations prior to the installation of the screws. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".

RAY-BAR ENGINEERING CORP — Type RB-LBG (finish rating 24 min).

3F. **Gypsum Board*** — (As an alternate to Items 3, 3A, 3B, 3C, 3D, and 3E) — 5/8 in. thick gypsum panels, with square edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last 2 screws 1 and 4 in. from edge of board or nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. When used in widths of other than 48 in., gypsum boards are to be installed horizontally. Joints and nail heads treated as described in Item 2.

TEMPLE-INLAND FOREST PRODUCTS CORP — GreenGlass Type X (finish rating 23 min).

3G. **Gypsum Board*** — (As an alternate to Items 3, 3A, 3B, 3C, 3D, 3E and 3F) - 5/8 in. glass-mat faced with square edges, applied either horizontally or vertically. Gypsum panels nailed 7 in. OC around the perimeter and in the field with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. Nails shall be placed 1 inch and 3 inch from horizontal joints and 7 inch OC thereafter.

UNITED STATES GYPSUM CO — Type USGX (finish rating 22 min.)

3H. **Gypsum Board*** — (As an alternate to Items 3, 3A, 3B, 3C, 3D, 3E 3F and 3G) - 5/8 in. thick paper surfaced applied vertically. Gypsum panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads.

TEMPLE-INLAND FOREST PRODUCTS CORP — Type X ComfortGuard Sound Deadening Gypsum Board (finish rating 27 min).

4. **Steel Corner Fasteners — (Optional)** — For use at wall corners. Channel shaped, 2 in. long by 1 in. high on the backside with two 1/8 in. wide cleats protruding into the 5/8 in. wide channel, fabricated from 26 gauge galv steel. Fasteners applied only to the end or cut edge (not along tapered edges) of the gypsum board, no greater than 2 in. from corner of gypsum board, max spacing 16 in. OC. Nailed to adjacent stud through tab using one No. 6d cement coated nail per fastener. Corners of wall board shall be nailed to top and bottom plate using No. 6d cement coated nails.

5. **Batts and Blankets*** — (Optional - Required when Item 6A is used) Glass fiber or mineral wool insulation. Placed to completely or partially fill the stud cavities. When Item 6A is used, glass fiber or mineral wool insulation shall be placed to completely fill the stud cavities and shall be secured to the studs 24 in. OC with staples, nails or screws.

CERTAINTEED CORP

GUARDIAN FIBERGLASS INC

JOHNS MANVILLE INTERNATIONAL INC

KNAUF INSULATION GMBH

OWENS CORNING HT INC, DIV OF OWENS

CORNING — Corning Fiberglas Corp.

ROCK WOOL MANUFACTURING CO — Delta Board.

ROXUL ASIA SDN BHD — Acoustical Fire Batts

ROXUL INC — Acoustical Fire Batts

THERMAFIBER INC — Type SAFB.

5A. **Fiber, Sprayed*** — (Not shown - Not for use with Item 6A) As an alternate to Batts and Blankets (Item 5) — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. Nominal dry density of 3.0 lb/ft^3. Alternate application method: The fiber is applied with U.S. Greenfiber LLC Type AD100 hot melt adhesive at a nominal ratio of one part adhesive to 6.6 parts fiber to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. Nominal dry density of 2.5 lb/ft^3.

U S GREENFIBER L L C — Cocoon2 Stabilized or Cocoon-FRM (Fire Rated Material)

5B. **Fiber, Sprayed*** — (Not shown - Not for use with Item 6A) As an alternate to Batts and Blankets (Item 5) and Item 5A - Spray applied cellulose insulation material. The fiber is applied with water to interior surfaces in accordance with the application instructions supplied with the product. Applied to completely fill the enclosed cavity. Minimum dry density of 4.3 pounds per cubic ft.

NU-WOOL CO INC — Cellulose Insulation

5C. **Batts and Blankets*** — Required for use with resilient channels, Item 7, 3 in. thick mineral wool batts, placed to fill interior of wall, attached to the 4 in. face of the studs with staples placed 24 in. OC.

THERMAFIBER INC — Type SAFB

5D. **Glass Fiber Insulation** — (As an alternate to Item 5C) — 3 in. thick glass fiber batts bearing the UL Classification Marking as to Surface Burning and/or Fire Resistance, placed to fill the interior of the wall, attached to the 4 in. face of the studs with staples placed 24 in. OC. See **Batts and Blankets** (BKNV or BZJZ) Categories for names of Classified companies.

5E. **Batts and Blankets*** — (Required for use with Wall and Partition Facings and Accessories, Item 3D) — Glass fiber insulation, nom 3-1/2 in. thick, min. density of 0.80 pcf, with a flame spread of 25 or less and a smoke developed of 50 or less, friction-fitted to completely fill the stud cavities. See Batts and Blankets Category (BKNV) for names of manufacturers.

6. **Steel Framing Members (Optional, Not Shown)*** — Furring channels and Steel Framing Members as described below:

a. **Furring Channels** — Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Gypsum board attached to furring channels as described in Item 3.

b. **Steel Framing Members*** — Used to attach furring channels (Item 6a) to studs. Clips spaced 48 in. OC. RSIC-1 clips secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. RSIC-V clips secured to studs with No. 8 x 1-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.

PAC INTERNATIONAL INC — Types RSIC-1, RSIC-V.

6A. **Steel Framing Members (Optional, Not Shown)*** — Furring channels and Steel Framing Members on one side of studs as described below:

a. **Furring Channels** — Formed of No. 25 MSG galv steel, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. Batts and Blankets placed in stud cavity as described in Item 5. Two layers of gypsum board attached to furring channels as described in Item 3.

b. **Steel Framing Members*** — used to attach furring channels (Item 6Aa) to one side of studs only. Clips spaced 48 in. OC., and secured to studs with two No. 8 x 2-1/2 in. coarse drywall screws, one through the hole at each end of the clip. Furring channels are friction fitted into clips.

KINETICS NOISE CONTROL INC — Type Isomax.

6B. **Steel Framing Members (Optional, Not Shown)*** — Furring channels and Steel Framing Members as described below:

a. **Furring Channels** — Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. One layer of gypsum board attached to furring channels as described in Item 3 for 3/4-hr rating. Two layers of gypsum board attached to furring channels as described in Item 3 for 1-hr rating.

b. **Steel Framing Members*** — Used to attach furring channels (Item 6Ba) to studs. Clips spaced 48 in. OC. Genie clips secured to studs with No. 8 x 1-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.

PLITEQ INC — Type Genie Clip

7. **Furring Channel** — Optional - Not Shown - For use on one side of the wall - Resilient channels, 25 MSG galv steel, spaced vertically 24 in. OC, flange portion screw attached to one side of studs with 1-1/4 in. long diamond shaped point, double lead Phillips head steel screws. When resilient channels are used, insulation, Items 5C or 5D is required.

7A. **Steel Framing Members*** — Optional - Not Shown - Used as an alternate method to attach resilient channels (Item 7) to one side of studs only. Clips attached at each intersection of the resilient channel and the wood studs (Item 1). Resilient channels are friction fitted into clips, and then clips are secured to the wood stud with min. 1-3/4 in. long diamond shaped point, double lead Phillips head steel screws through the center hole of the clip and the resilient channel flange.

KEENE BUILDING PRODUCTS CO INC — Type RC Assurance.

8. **Caulking and Sealants** — (not shown, optional) A bead of acoustical sealant applied around the partition perimeter for sound control.

9. **STC Rating** — The STC Rating of the wall assembly is 56 when it is constructed as described by Items 1 through 6, except:

A. Item 2, above - Nailheads Shall be covered with joint compound.

B. Item 2, above - Joints As described, shall be covered with fiber tape and joint compound.

C. Item 5, above - Batts and Blankets* The cavities formed by the studs shall be friction fit with R-19 unfaced fiberglass insulation batts measuring 6-1/4 in. thick and 15-1/4 in. wide.

D. Item 6, above - Steel Framing Members* Type RSIC-1 clips shall be used to attach gypsum board to studs on either side of the wall assembly.

E. Item 8, above - Caulking and Sealants (not shown) A bead of acoustical sealant shall be applied around the partition perimeter for sound control.

F. Steel Corner Fasteners (Item 4), Fiber, Sprayed (Items 5A and 5B) and Steel Framing Members (Item 6A), not evaluated as alternatives for obtaining STC rating.

10. **Wall and Partition Facings and Accessories*** — (Optional, Not shown) — Nominal 1/2 in. thick, 4 ft wide panels, for optional use as an additional layer on one or both sides of the assembly. Panels attached in accordance with manufacturer's recommendations. When the QR-510 panel is installed between the wood framing and the UL Classified gypsum board, the required UL Classified gypsum board layer(s) is/are to be installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.

QUIET SOLUTION INC — Type QuietRock QR-510.

11. **Cementitious Backer Units*** — (Optional Item Not Shown - For Use On Face Of 1 Hr Systems With All Standard Items Required) - 1/2 in., 5/8 in., 3/4 in. or 1 in. thick, min. 32 in. wide.- Applied vertically or horizontally with vertical joints centered over studs. Fastened to studs and runners with cement board screws of adequate length to penetrate stud by a minimum of 3/8 in. for steel framing members, and a minimum of 3/4 in. for wood framing members spaced a max of 8 in. OC. When 4 ft. wide boards are used, horizontal joints need not be backed by framing.

NATIONAL GYPSUM CO — Type PermaBase

12. **Non-Bearing Wall Partition Intersection** — (Optional) —Two nominal 2 by 4 in. studs or nominal 2 by 6 in. studs nailed together with two 3 in. long 10d nails spaced a max. 16 in. OC. vertically and fastened to one side of the minimum 2 by 4 in. stud with 3 in. long 10d nails spaced a max. 16 in. OC. vertically. Intersection between partition wood studs to be flush with the 2 by 4 in. studs. The wall partition wood studs are to be framed by with a second 2 by 4 in. wood stud fastened with 3 in. long 10d nails spaced a max. 16 in. OC. vertically. Maximum one non-bearing wall partition intersection per stud cavity. Non-bearing wall partition stud depth shall be at a minimum equal to the depth of the bearing wall.

*Bearing the UL Classification Mark

Last Updated on 2008-12-23

(3) **DETAIL** U.L. ASSEMBLY U-305
SCALE: N.T.S.

David R. Polston
STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-15-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED
NURSING FACILITY

FS 2

BXUV.U901
Fire Resistance Ratings - ANSI/UL 263

Page Bottom

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Listed or Classified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered as Classified, Listed, or Recognized.

Fire Resistance Ratings - ANSI/UL 263

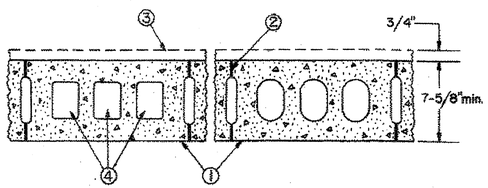
See General Information for Fire Resistance Ratings - ANSI/UL 263

Design No. U901

October 26, 1998

Bearing Wall Rating — 4 HR.

Nonbearing Wall Rating — 4 HR.



1. **Concrete Blocks*** — Various designs. Classification B-4 (4 hr).

See Concrete Blocks category for lists of eligible manufacturers.

2. **Mortar** — Blocks laid in full bed of mortar, nom. 3/8 in. thick, of not less than 2-1/4 and not more than

3-1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.

3. **Portland Cement Stucco or Gypsum Plaster** — If used, add 1/2 hr. to Classification.

4. **Loose Masonry Fill** — If all core spaces are filled with loose dry expanded slag, burned clay or shale (rotary kiln process), water repellant vermiculite masonry fill insulation, or silicone treated perlite loose fill insulation, Class D-2 (2 hr) or C-3 (3 hr) concrete blocks will provide a 4 hr fire resistance rating.

*Bearing the UL Classification Mark

(4) **DETAIL** U.L. ASSEMBLY U-901
SCALE: N.T.S.

BXUV.N502
Fire Resistance Ratings - ANSI/UL 263

Page Bottom

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Listed or Classified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered as Classified, Listed, or Recognized.

Fire Resistance Ratings - ANSI/UL 263

See General Information for Fire Resistance Ratings - ANSI/UL 263

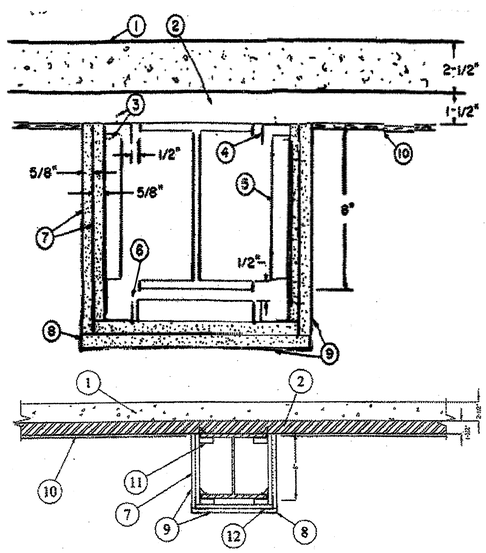
Design No. N502

February 19, 2009

Restrained Beam Rating — 2 Hr.

Unrestrained Beam Rating — 2 Hr.

Load Restricted for Canadian Applications — See Guide BXUV7



Steel Beam — Min size, a W8 x 24 with outside dimensions of 7-7/8 x 6-1/2 in. with a flange thickness of 3/8 in., a web thickness of 1/4 in., and a cross-sectional area of 7.06 sq in.

1. **Normal Weight Concrete** — 148 pcf.

2. **Steel Floor and Form Units*** — 1-1/2 in. fluted type, welded to beam.

3. **Drill Screw** — No. 8-18 by 1/2 in. long Phillips panhead drill screws, self-drilling and self-tapping, made of case-hardened steel.

4. **Runner Channel** — Fabricated from 25 MSG galv steel, 1-11/16 in. deep with 1-in. legs. Fastened to

steel deck with Item 3, 12 in. OC.

5. **Channel Bracket** — Same material as Item 4 and fastened to runner channels with Item 3. Bracket spaced 24 in. OC.

6. **Corner Channel** — Same material as Item 4. Placed in cutouts of channel brackets without attachment.

7. **Gypsum Board*** — 5/8 in. thick. First layer fastened with 1-1/4 in. long, 0.150-in. diam screws and spaced 16 in. OC. Second layer attached with 1-3/4 in. long, 0.150-in. diam screws spaced 8 in. OC. Screws are self-drilling and self-tapping Phillips head made of case-hardened steel.

AMERICAN GYPSUM CO — Types AGX-1, AG-C, AGX-11 .

CERTAINTEED GYPSUM INC — Types 1, FRPC, SF3, EGRG, ProRoc Type C, ProRoc Type X.

CERTAINTEED GYPSUM CANADA INC — ProRoc Type C; ProRoc Type X, ProRoc Type Abuse-Resistant.

BEIJING NEW BUILDING MATERIALS PUBLIC

LTD CO — Type DBX-1.

CANADIAN GYPSUM COMPANY — Type C, IP-X1, IP-X2, IPC-AR, SCX, SHX or WRX.

GEORGIA-PACIFIC GYPSUM L L C — Types 5, 9, C, DAP, DD, DA, DAPC, DGG, DS, GPFS1, GPFS6.

LAFARGE NORTH AMERICA INC — Types LGFC3, LGFC6, LGFC6A , LGFC-C, LGFC-C/A.

PABCO BUILDING PRODUCTS L L C, DBA

PABCO GYPSUM — Type C, PG-3, PG-9, PG-11 or PG-C.

PANEL REY S A — Type PRC

SIAM GYPSUM INDUSTRY (SARABURI) CO LTD — Type EX-1

TEMPLE-INLAND FOREST PRODUCTS CORP — Type TG-C, Type X, Veneer Plaster Base-Type X, Water Rated-Type X, Sheathing Type-X, Soffit-Type X, GreenGlass Type X.

UNITED STATES GYPSUM CO — Types C, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRX, USGX (Joint tape and compound, Item 9, optional for use with Type USGX).

USG MEXICO S A DE C V — Types C, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRX.

8. **Corner Bead** — Fabricated from 20 MSG galv steel to form an angle with 1-1/4 in. legs. Legs perforated with 1/4 in. diam holes approx 1 in. OC. Attached to wallboard with special crimping tool approx 6 in. OC. As an alternate, the bead may be nailed to the wallboard.

9. **Joint Compound** — 1/32 in. thick on bottom and sides of wallboard from corner beads and feathered out. Paper tape embedded in joint compound over joints with edges of compound feathered out. Nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints

reinforced.

10. **Protective Material — Spray-Applied Fire Resistive Materials*** — Spray applied to the underside of the steel floor units, filling the flutes of the units and providing a smooth ceiling which was 1/4 in. thick as measured from the bottom plane of the floor units.

See Spray-Applied Fire Resistive Materials (CHPX) category for names of manufacturers .

11. **Alternate Construction — Steel Framing Members** — As an alternate to items 3, 4, 5 and 6, steel clips attached to both sides of beam flanges 2 ft OC and at ends of beam. First layer of gypsum board fastened to steel clips with 1-1/4 in. long Type S drywall screws. 2 in. by 2 in. 25 MSG angle fastened to clips on bottom portion of assembly with 2 in. long Type S drywall screws. Second layer of gypsum board fastened to angle and clips with 2 in. long Type S drywall screws spaced 2 ft OC. Screws are self-drilling and self-tapping Phillips head made of case-hardened steel.

JOHN WAGNER ASSOCIATES INC, DBA

GRABBER — Type CBClip.

See Spray-Applied Fire Resistive Materials (CHPX) category for names of manufacturers.

*Bearing the UL Classification Mark

(5) **DETAIL** U.L. ASSEMBLY N-502
SCALE: N.T.S.

BXUV.X528
Fire Resistance Ratings - ANSI/UL 263

Page Bottom

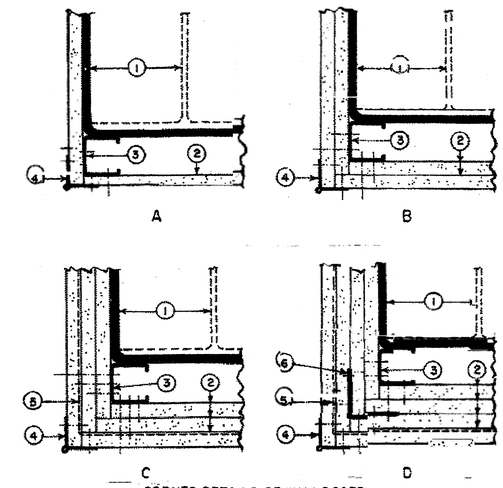
Fire Resistance Ratings - ANSI/UL 263

See General Information for Fire Resistance Ratings - ANSI/UL 263

Design No. X528

July 10, 2008

Ratings — 1, 2 and 3 Hr.



CORNER DETAILS OF WALLBOARD SUPPORT SYSTEMS WITHOUT STEEL COVERS

1. **Steel Column** — Min sizes of W-shaped and tubular steel columns which appear in the AISC Steel Construction Manual as shown under Item 2.

2. **Gypsum Board*** — For 1 Hr rating, any 5/8 in. or 1/2 in. thick gypsum wallboard Classified for use in fire resistance assemblies. For 2 Hr and 3 Hr ratings, any 5/8 in. or 1/2 in. thick gypsum wallboard Classified for use in other 2 Hr, 3 Hr or 4 Hr Column Designs. Min total thickness of layers in inches for the various ratings and min column sizes to be as follows:

W Shaped Column Min Column Size	Rating (Hr)			Corner Details For Various Rating		
	1	2	3	1 Hr	2 Hr	3 Hr
Total thickness (in.)						
W4x13	1	1-1/2	2-1/4	B	C	D
W6x15.5	1	1-1/2	2-1/4	B	C	D
W10x49	1/2	1-1/8	1-7/8	A	B	C
Tube Shaped columns						
TS 4 by 4						
by0.188	1	1-3/4	2-5/8	B	C	D
TS 8 by 8						
by 0.250	5/8	1-1/2	2-1/4	A	C	D

Applied in layers as noted in the above illustrations. Boards are to be applied vertically without horizontal joints.

See **Gypsum Board (CKNX)** category for names of manufacturers.

2A. **Gypsum Board*** — As an alternate to Item 2- 3/4 in. thick gypsum wallboard. For 2 Hr rating, 1-1/2 in. total thickness, installed in accordance with corner detail B. For 3 Hr rating, 2-1/4 in. total thickness installed in accordance with corner detail C. Boards are to be applied vertically without horizontal joints.

CANADIAN GYPSUM COMPANY — Type IP-X3 or ULTRACODE

UNITED STATES GYPSUM CO — Type IP-X3 or ULTRACODE

USG MEXICO S A DE C V — Type IP-X3 or ULTRACODE

3. **Steel Stud** — 1-5/8 in. wide with 1-5/16 and 1-7/16 in. legs having a 1/4- in. folded flange, fabricated from No. 25 MSG galv steel. Length to be 1/2 in. less than the assembly height.

3A. **As an alternate to Item 3 Steel Framing Members*** — galv. steel clips spaced 4 ft OC and 1-1/4 in. from top and bottom of column. A No. 28 MSG galv steel support angle with 1-1/4 in. length shall be placed over clips and secured with screws attaching the wallboard. The angle cut 1 in. less than assembly height splices in angle to occur over clips. The clips for use with wide flange columns only.

JOHN WAGNER ASSOCIATES INC, DBA

GRABBER — Types CB, CB1Clips.

4. **Corner Beads** — No. 28 MSG galv steel, 1-1/4 in. legs to be attached to the wallboard with No. 6 by 1 in. screws spaced 12 in. OC max.

5. **Tie Wire** — No. 18 SWG steel wire spaced 24 in. OC used with second layer of wallboard.

6. **Screws** — For attaching first layer of wallboard to steel studs, and third layer of wallboard to 2 in. by 2 in. steel angle (25 Ga) to be No. 6 by 1 in. (or 1-1/4 in. for 3/4 in. thick wallboard) Phillips head self-drilling, self-tapping double lead screws spaced 24 in. OC For attaching second layer of wallboard to steel studs and fourth layer of wallboard to 2 in. by 2 in. steel angle (25 Ga) to be No. 6 by 1-3/4 in. (or 2-1/4 in. for 3/4 in. thick wallboard) steel screws of the same type spaced 12 in. OC For attaching third layer of wallboard to steel studs to be No. 8 by 2-1/4 in. screws of the same type spaced 12 in. OC

7. **Finishing System** — (Not Shown) — Joint compound applied over corner beads to a thickness of 1/16 in.

*Bearing the UL Classification Mark

(6) **DETAIL** U.L. ASSEMBLY X-528
SCALE: N.T.S.

David R. Polston
STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-15-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED
NURSING FACILITY

FS 3

System No. W-L-1001

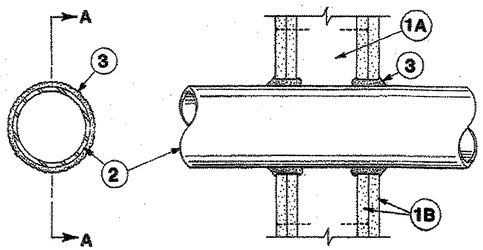
June 15, 2005

F Ratings — 1, 2, 3 and 4 Hr (See Items 2 and 3)

T Ratings — 0, 1, 2, 3, and 4 Hr (See Item 3)

L Rating At Ambient — less than 1 CFM/sq ft

L Rating At 400 F — less than 1 CFM/sq ft



SECTION A-A

1. **Wall Assembly** — The 1, 2, 3 or 4 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner described in the individual U300 or U400 Series Wall or Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

A. **Studs** — Wall framing may consist of either wood studs (max 2 h fire rated assemblies) or steel channel studs. Wood studs to consist of nom 2 by 4 in. (51 by 102 mm) lumber spaced 16 in. (406 mm) OC with nom 2 by 4 in. (51 by 102 mm) lumber end plates and cross braces. Steel studs to be min 3-5/8 in. (92 mm) wide by 1-3/8 in. (35 mm) deep channels spaced max 24 in. (610 mm) OC.

B. **Gypsum Board*** — Nom 1/2 or 5/8 in. (13 or 16 mm) thick, 4 ft. (122 cm) wide with square or tapered edges. The gypsum wallboard type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual U300 or U400 Series Design in the UL Fire Resistance Directory. Max diam of opening is 26 in. (660 mm).

2. **Through-Penetrant** — One metallic pipe, conduit or tubing installed either concentrically or eccentrically within the firestop system. The annular space between pipe, conduit or tubing and periphery of opening shall be min of 0 in / (0 mm). (point contact) to max 2 in. (51 mm) Pipe, conduit or tubing to be rigidly supported on both sides of wall assembly. The following types and sizes of metallic pipes, conduits or tubing may be used:

A. **Steel Pipe** — Nom 24 in. (610 mm) diam (or smaller) Schedule 10 (or heavier) steel pipe.

B. **Iron Pipe** — Nom 24 in. (610 mm) diam (or smaller) service weight (or heavier) cast iron soil pipe, nom 12 in (305 mm) diam (or smaller) or Class 50 (or heavier) ductile iron pressure pipe.

C. **Conduit** — Nom 6 in. (152 mm) diam (or smaller) steel conduit or nom 4 in (102 mm) diam (or smaller) steel electrical metallic tubing

D. **Copper Tubing** — Nom 6 in. (152 mm) diam (or smaller) Type L (or heavier) copper tubing

E. **Copper Pipe** — Nom 6 in. (152 mm) diam (or smaller) Regular (or heavier) copper pipe.

F. **Through Penetrating Product*** — Flexible Metal Piping The following types of steel flexible metal gas piping may be used:

1. Nom 2 in. (51 mm) diam (or smaller) steel flexible metal gas piping. Plastic covering on piping may or may not be removed on both sides of floor or wall assembly.

OMEGA FLEX INC

2. Nom 1 in. (25 mm) diam (or smaller) steel flexible metal gas piping. Plastic covering on piping may or may not be removed on both sides of floor or wall assembly.

GASTITE, DIV OF TITEFLEX

3. Nom 1 in. (25 mm) diam (or smaller) steel flexible metal gas piping. Plastic covering on piping may or may not be removed on both sides of floor or wall assembly.

WARD MFG L L C

3. **Fill, Void or Cavity Material*** — **Caulk or Sealant** — Min 5/8. , 1-1/4,1-7/8 and 2-1/2 in. (16, 32, 48 and 64 mm) thickness of caulk for 1, 2, 3 and 4 hr rated assemblies, respectively, applied within annulus, flush with both surfaces of wall. Min 1/4 in. (6 mm) diam bead of caulk applied to gypsum board/penetrant interface at point contact location on both sides of wall. The hourly F Rating of the firestop system is dependent upon the hourly fire rating of the wall assembly in which it is installed, as shown in the following table. The hourly T Rating of the firestop system is dependent upon the type or size of the pipe or conduit and the hourly fire rating of the wall assembly in which it is installed, as tabulated below:

Max Pipe or Conduit Diam In (mm)	F Rating Hr	T Rating Hr
1 (25)	1 or 2	0+, 1 or 2
1 (25)	3 or 4	3 or 4
4 (102)	1 or 2	0
6 (152)	3 or 4	0
12 (305)	1 or 2	0

+When copper pipe is used, T Rating is 0 h.

3M COMPANY — CP 25WB+ or FB-3000 WT.

*Bearing the UL Classification Mark

7 DETAIL SCALE: N.T.S. — PENETRATION FIRESTOP FOR 12" MAX. DIAMETER STEEL PIPE THROUGH G.W.B. ASSEMBLY

System No. W-L-5001

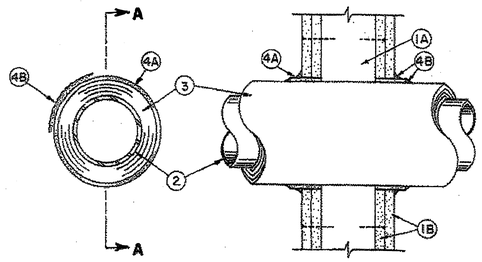
May 19, 2005

F Ratings — 1 and 2 Hr (See Item 1)

T Ratings — 3/4, 1 and 1-1/2 Hr (See Item 3)

L Rating At Ambient — 2 CFM/sq ft

L Rating At 400 F — less than 1 CFM/sq ft



SECTION A-A

1. **Wall Assembly** — The 1 or 2 hr fire-rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner described in the individual U300, U400 or V400 Series Wall or Partition Design in the UL Fire Resistance Directory and shall include the following construction features:

A. **Studs** — Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. (51 by 102 mm) lumber spaced 16 in. (406 mm) OC with nom 2 by 4 in. (51 by 102 mm) lumber end plates and cross braces. Steel studs to be min 3-5/8 in. (92 mm) wide by 1-3/8 in. (35 mm) deep channels spaced max 24 in. (610 mm) OC.

B. **Gypsum Board*** — Nom 5/8 in. (16 mm) thick, 4 ft (122 cm) wide with square or tapered edges. The gypsum board type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual Design in the UL Fire Resistance Directory. Max diam of opening is 14-1/2 (368mm) in for wood stud walls and 18 in. (457 mm) for steel stud walls.

The hourly F Rating of the firestop system is 1 hr when installed in a 1 hr fire rated wall and 2 hr when installed in a 2 hr fire rated wall.

2. **Through Penetrants** — One metallic pipe or tubing to be centered within the firestop system. Pipe or tubing to be rigidly supported on both sides of wall assembly. The following types and sizes of metallic pipes or tubing may be used: .

A. **Steel Pipe** — Nom 12 in. (305 mm) diam (or smaller) Schedule 10 (or heavier) steel pipe.

B. **Copper Tubing** — Nom 6 in. (152 mm) diam (or smaller) Type L (or heavier) copper tubing.

C. **Copper Pipe** — Nom 6 in. (152 mm) diam (or smaller) Regular (or heavier) copper pipe.

3. **Pipe Covering*** — Nom 1 or 2 in. (25 or 51 mm) thick hollow cylindrical heavy density (min 3.5 pcf or 56 kg/m^3) glass fiber units jacketed on the outside with an all service jacket. Longitudinal joints sealed with metal fasteners or factory-applied self-sealing lap tape. Transverse joints sealed with metal fasteners or with butt strip tape supplied With the product. When nom 1 in. (25 mm) thick pipe covering is used, the annular space between the pipe covering and the circular cutout in the gypsum wallboard layers on each side of the

wall shall be min 1/4 in. (6 mm) to max 3/8 in. (10 mm) When nom 2 in. (51 mm) thick pipe covering is used, the annular space between the pipe covering and the circular cutout in the gypsum board layers on each side of the wall shall be min 1/2 in. (13 mm) to max 3/4 in. (19 mm)

See **Pipe and Equipment Covering Materials** (BRGU) category in Building Materials Directory for names of manufacturers. Any pipe covering material meeting the above specifications and bearing the UL Classification Marking with a Flame Spread Index of 25 or less and a Smoke Developed Index of 50 or less may be used.

The hourly T Rating of the firestop system is 3/4 hr when nom 1 in. (25 mm) thick pipe covering is used. The hourly T Rating of the firestop system is 1 hr and 1-1/2 hr when nom 2 in. (52 mm) thick pipe covering is used with 1 hr and 2 hr fire rated walls, respectively.

4. **Firestop System** — Installed symmetrically on both sides of wall assembly. The details of the firestop system shall be as follows:

A. **Fill, Void or Cavity Materials*** — **Wrap Strip** — Nom 1/4 in. (6 mm) thick intumescent elastomeric material faced on one side with aluminum foil, supplied in 2 in. (51 mm) wide strips. Nom 2 in. (51 mm) wide strip tightly wrapped around pipe covering (foil side out) with seam butted. Wrap strip layer securely bound with steel wire or aluminum foil tape and slid into annular space approx 1-1/4 in. (32 mm) such that approx 3/4 in. (19 mm) of the wrap strip width protrudes from the wall surface. One layer of wrap strip is required when nom 1 in. (25 mm) thick pipe covering is used. Two layers of wrap strip are required when nom 2 in. (51 mm) thick pipe covering is used.

3M COMPANY — FS-195+

B. **Fill, Void or Cavity Materials*** — **Caulk or Sealant** — Min 1/4 in. (6 mm) diam continuous bead applied to the wrap strip/wall interface and to the exposed edge of the wrap strip layer approx 3/4 in. (19 mm) from the wall surface.

3M COMPANY — CP 25WB+, IC 15WB+, FireDam 150+ caulk or FB-3000 WT sealant

*Bearing the UL Classification Mark

8 DETAIL SCALE: N.T.S. — PENETRATION FIRESTOP FOR 12" MAX. DIAMETER INSULATED STEEL PIPE THROUGH G.W.B. ASSEMBLY

System No. W-L-5009

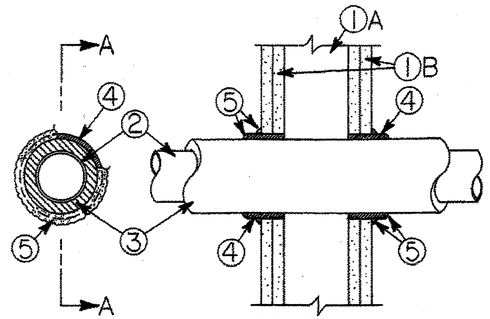
May 19, 2005

F Rating — 2 Hr

T Rating — 1/2 Hr

L Rating At Ambient — Less than 1 CFM/sq ft

L Rating At 400 F — Less than 1 CFM/sq ft



SECTION AA

1. **Wall Assembly** — The fire-rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner described in the individual U300, U400 or V400 Series Wall and Partition Design in the UL Fire Resistance Directory and shall include the following construction features:

A. **Studs** — Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. (51 mm by 102 mm) lumber spaced 16 in. (406 mm) OC. Steel studs to be min 3-5/8 in. (92 mm) wide and spaced max 24 in. (610 mm) OC.

B. **Gypsum Board*** — Two layers of nom 5/8 in. (16 mm) thick gypsum board, as specified in the individual Wall and Partition Design. Diam of opening cut in gypsum board layers on each side of wall assembly (concentric with pipe, Item 2) to be 1/2 to 3/4 in. (13 to 19 mm) larger than outside diam of pipe insulation (Item 3) such that, when installed, a 1/4 to 3/8 in. (6 to 10 mm) annular space will be present between the pipe insulation and the gypsum board around the entire circumference of the opening. Max diam of opening is 4 in. (102 mm).

2. **Copper Pipe** — Nom 2 in. (51 mm) diam (or smaller) Type L (or heavier) copper pipe. A max of one pipe is permitted in the firestop system. Pipe to be installed near center of stud cavity width and is to be rigidly supported on both sides of wall assembly.

3. **Pipe Insulation — Plastics#** — Nom 5/8 in. (16 mm) thick acrylonitrile butadiene/polyvinyl chloride (AB/PVC) flexible foam supplied in the form of tubes with skin. Pipe insulation to be sized to outside diam of copper pipe.

See **Plastics (QMFZ2)** category in the Recognized Component Directory for names of manufacturers. Any Recognized Component pipe insulation material meeting the above specifications and having a UL94 Flammability Classification of 94-5VA may be used.

4. **Fill, Void or Cavity Materials*** — **Wrap Strip** — Nom 1/4 in. (6 mm) thick intumescent elastomeric material faced on one side with aluminum foil, supplied in 2 in. (51 mm) wide strips. Nom 2 in (51 mm) wide strip tightly wrapped around pipe insulation (foil side out) with seam butted. Wrap strip layer securely bound

with steel wire or aluminum foil tape and slid into annular space approx 1-1/4 in. (32 mm) such that approx 3/4 in. (19 mm) of the wrap strip width protrudes from the wall surface. Wrap strip installed symmetrically on both sides of wall.

3M COMPANY — FS-195+

5. **Fill, Void or Cavity Materials*** — **Caulk or Sealant** — Min 1/4 in. (6 mm) diam continuous bead applied to leading edge of wrap strip layer (Item 4) prior to insertion of wrap strip layer into annular space. After insertion of wrap strip layer in annular space, a nom 1/4 in. (6 mm) diam continuous bead is to be applied to the wrap strip/wall interface and to the exposed edge of the wrap strip layer approx 3/4 in. (19 mm) from the wall surface.

3M COMPANY — CP 25WB+, IC 15WB+, FireDam 150+ caulk or FB-3000 WT sealant

#Bearing the UL Recognized Component Marking.

*Bearing the UL Classification Mark

9 DETAIL SCALE: N.T.S. — PENETRATION FIRESTOP FOR 12" MAX. DIAMETER INSULATED COPPER PIPE THROUGH G.W.B. ASSEMBLY

System No. W-L-2005

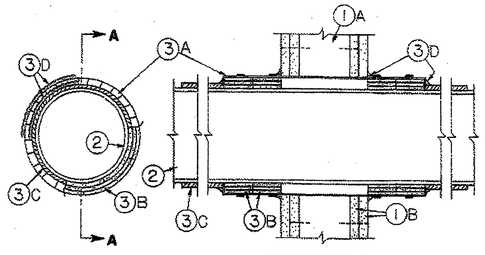
April 11, 2006

F Ratings — 1 and 2 Hr

T Ratings — 0, 3/4, 1, 1-1/2 and 2 Hr

L Rating At Ambient — 7 CFM/sq ft

L Rating At 400 F — less than 1 CFM/sq ft



SECTION A-A

1. **Wall Assembly** — The 1 or 2 hr fire-rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner described in the individual U300, U400 or V400 Series Wall and Partition Design in the UL Fire Resistance Directory and shall include the following construction features:

A. **Studs** — Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. 51 by 102 mm lumber spaced 16 in. (406 mm) OC with nom 2 by 4 in. 51 by 102 mm lumber end plates and cross braces. Steel studs to be min 3-5/8 in. (92 mm) wide by 1-3/8 in. (35 mm) deep channels spaced max 24 in. (610 mm) OC.

B. **Gypsum Board*** — 5/8 in. (16 mm) thick, 4 ft (122 cm) wide with square or tapered edges. The gypsum board type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual U300, U400 or V400 Series Design in the UL Fire Resistance Directory. Max diam of opening is 13-3/4 in. (349 mm).

2. **Nonmetallic Pipe** — Nom 6, 8 or 10 in. (152, 203 or 254 mm) diam Schedule 40 polyvinyl chloride (PVC) pipe for use in closed (process or supply) or vented (drain, waste of vent) piping systems. One pipe to be centered in the firestop system. Pipe to be installed near center of stud cavity width and to be rigidly supported on both sides of wall.

3. **Firestop System** — Installed symmetrically on both sides of wall assembly. The hourly F and T Ratings for the firestop system are dependent upon the size of nonmetallic pipe and the hourly fire rating of the wall assembly in which it is installed, as tabulated below:

Nom Pipe Diam In.	Annular Space In.	Wall Fire Rating Hr	F Rating Hr	T Rating Hr
6 (152)	3/4 (19)	1	1	1
6 (152)	3/4 (19)	2	2	2
8 (203)	1 (25)	1	1	3/4
8 (203)	1 (25)	2	2	1-1/2
10 (254)	1-1/2 (38)	1	1	3/4
10 (254)	1-1/2 (38)	2	1	3/4

The details of the firestop system shall be as follows.

A. **Steel Sleeve** — Cylindrical sleeve fabricated from min 0.016 in. (0.41 mm) thick (28 gauge) galv sheet steel and having a min 1 in. (25 mm) lap along the longitudinal seam. Length of steel sleeve shall be equal to thickness of wall plus 9-1/2 in. (241 mm), 10 in. (254 mm) or 11 in. (279 mm) for the 6, 8 and 10 in. (152,203 and 254 mm) diam pipe sizes, respectively. Inside diam of steel sleeve and diam of through opening in the gypsum wallboard layers to be equal to outside diam of wrap strip (Item B) layers on pipe. Cylindrical sleeve inserted in annular space around nonmetallic pipe and centered in wall. After installation of wrap strip (Item B) layers, min 1/2 in. (13 mm) wide by min 0.028 in. (0.71 mm) thick stainless steel band clamps installed around steel collar on both sides of wall assembly with one band clamp located near the wall surface and another located approx 1 in. (25 mm) from the outer edge of the wrap strip layers. Edges of steel sleeve to be slit approx 1 in. (25 mm) OC around circumference of sleeve on both sides of wall, with length of slits approximately equal to thickness of mat wrap layers, to form retainer tabs. Retainer tabs bent 90 deg toward pipe to lock wrap strip layer(s) in position.

B. **Fill, Void or Cavity Materials*** — **Wrap Strip** — Nom 1/4 in. (6 mm) thick intumescent elastomeric material faced on one side with aluminum foil, supplied in 2 in. (51 mm) wide by 24 in. (610 mm) long strips. Two stacks of wrap strip (nom 4 in. or 102 mm high stack) tightly-wrapped around nonmetallic pipe on each side of wall and slid into steel sleeve (Item A) such that inner edges are flush with or recessed max 1/4 in. (6 mm) into surface of wall. For nom 6 in. (152 mm) diam pipes, three layers of wrap strip are required in each stack. For nom 8 in. (203 mm) diam pipes, four layers of wrap strip are required in each stack. For nom 10 in. (254 mm) diam pipes, six layers of wrap strip are required in each stack. Each layer of wrap strip to be installed with butted seams, with the butted seams in successive layers staggered. Wrap strips temporarily held in position using aluminum foil tape, filament tape, steel wire tie, or equivalent.

3M COMPANY — Type FS-195+

C. **Pipe Covering*** — Nom 1 in. (25 mm) thick hollow cylindrical heavy density (min 3.5 pcf or 56 kg/m^3) glass fiber units jacketed on the outside with an all service jacket. Min 6 in. (152 mm) length of pipe covering installed around PVC pipe at its egress from the wrap strip layers (Item B) on both sides of the wall. Pipe covering secured to pipe with steel wire ties spaced max 4 in. (102 mm) OC. Edge of pipe covering abutting wrap strip to be sealed with a min 1/4 in. (6 mm) diam bead of caulk (Item D).

See **Pipe And Equipment Covering — Materials** (BRGU) category in the Building Materials Directory for names of manufacturers. Any pipe covering material meeting the above specifications and bearing the UL Classification Marking with a Flame Spread Index of 25 or less and a Smoke Developed Index of 50 or less may be used.

D. **Fill, Void or Cavity Materials*** — **Caulk or Sealant** — Generous bead of caulk to be applied to outer perimeter of steel sleeve at interface with wall surfaces and to perimeter of pipe covering material wrap at its interface with the wrap strip layers.

3M COMPANY — CP 25WB+, IC 15WB+, FireDam 150+ caulk or FB-3000 WT sealant

*Bearing the UL Classification Mark

10 DETAIL SCALE: N.T.S. — PENETRATION FIRESTOP FOR 4" MAX. DIAMETER A.B.S. & P.V.C. PLASTIC PIPE THROUGH G.W.B. ASSEMBLY

STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-13-2025

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED
NURSING FACILITY

FS 4

System No. W-L-2003

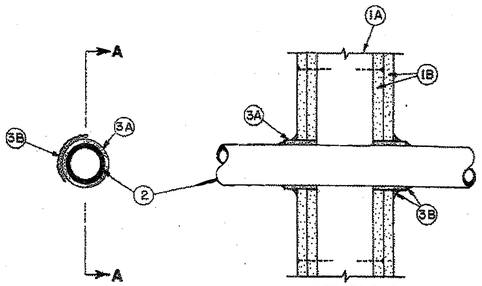
May 23, 2005

F Ratings — 1 and 2 Hr (See Item 3)

T Ratings — 1 and 2 Hr (See Item 3)

L Rating At Ambient — 7 CFM/sq ft (See Item 3B)

L Rating At 400 F — less than 1 CFM/sq ft (See Item 3B)



1. Wall Assembly — The 1 or 2 hr fire-rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner described in the individual U300, U400 or V400 Series Wall or Partition Design in the UL Fire Resistance Directory and shall include the following construction features:

A. **Studs** — Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. (51 by 102 mm) lumber spaced 16 in. (406 mm) OC with nom 2 by 4 in. (51 by 102 mm) lumber end plates and cross braces. Steel studs to be min 3-5/8 in. (92 mm) wide by 1-3/8 in. (35 mm) deep channels spaced max 24 in. (610 mm) OC.

B. **Gypsum Board*** — 5/8 in. (16 mm) thick, 4 ft (122 cm) wide with square or tapered edges. The gypsum board type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual U300, U400 or V400 Series Design in the UL Fire Resistance Directory. Max diam of opening is 3-1/8 in. (79 mm).

2. **Through Penetrants** — One nonmetallic pipe or conduit to be centered in the through opening. The annular space between pipe or conduit and periphery of opening shall be min 1/4 in. (6 mm) and max 3/8 in. (10 mm). Pipe or conduit to be rigidly supported on both sides of the floor-ceiling assembly. The following types and sizes of nonmetallic pipes or conduits may be used:

A. **Polyvinyl Chloride (PVC) Pipe** — Nom 2 in. (51 mm) diam (or smaller) Schedule 40 solid core PVC pipe for use in closed (process or supply) or vented (drain, waste or vent) piping system.

B. **Rigid Nonmetallic Conduit++** — Nom 2 in. (51 mm) diam (or smaller) (Schedule 40 or 80) PVC conduit installed in accordance with the National electric Code (NFPA No. 70).

C. **Chlorinated Polyvinyl Chloride (CPVC) Pipe** — Nom 2 in. (51 mm) diam (or smaller) SDR13.5 CPVC pipe for use in closed (process or supply) piping systems.

D. **Cellular Core Polyvinyl Chloride (ccPVC) Pipe** — Nom 2 in. (51 mm) diam (or smaller) Schedule 40 cellular core PVC pipe for use in closed (process or supply) or vented (drain, waste or vent) piping system.

E. **Acrylonitrile Butadiene Styrene (ABS) Pipe** — Nom 2 in. (51 mm) diam (or smaller) Schedule 40 solid core ABS pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems.

F. **Cellular Core Acrylonitrile Butadiene Styrene (ccABS) Pipe** — Nom 2 in. (51 mm) diam (or smaller) Schedule 40 cellular core ABS pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems.

3. **Firestop System** — Installed symmetrically on both sides of wall assembly. The hourly F and T Ratings for the firestop system are equal to the hourly fire rating of the wall assembly in which it is installed. The details of the firestop system shall be as follows.

A. **Fill, Void or Cavity Materials* — Wrap Strip** — Nom 1/4 in. (6 mm) thick intumescent elastomeric material faced on one side with aluminum foil, supplied in 2 in. (51 mm) wide strips. Nom 2 in. (51 mm) wide strip tightly wrapped around nonmetallic pipe (foil side out) with seam butted. Wrap strip layer securely bound with steel wire or aluminum foil tape and slid into annular space approx 1-1/4 in. (32 mm) such that approx 3/4 in. (19 mm) of the wrap strip protrudes from the wall surface.

3M COMPANY — FS-195+

B. **Fill, Void or Cavity Materials* — Caulk, Sealant or Putty** — Min 5/8 in. (16 mm) thickness of caulk or putty applied into annular space between wrap strip and periphery of opening. A nom 1/4 in. (6 mm) diam bead of caulk or putty to be applied to the wrap strip/wall interface and to the exposed edge of the wrap strip layers approx 3/4 in. (19 mm) from the wall surface.

3M COMPANY — CP 25WB+ caulk or MP+ Stix putty, IC 15WB+ caulk, FireDam 150+ caulk or FB-3000 WT sealant. (Note: L Ratings apply only when Type CP 25WB+ caulk or FB-3000 WT sealant is used. CP 25WB+ not suitable for use with CPVC pipes.)

C. **Foil Tape** — (not shown) — Nom 4 in. (102 mm) wide, 3 mil thick aluminum tape wrapped around pipe prior to the installation of the wrap strip (Item 3A). Min of one wrap, flush with both sides of wall and proceeding outward. Tape is not required for pipes shown in Items 2A, 2B and 2C.

*Bearing the UL Classification Mark

(11) **DETAIL** SCALE: N.T.S. — PENETRATION FIRESTOP FOR 2" MAXIMUM DIAMETER P.B., P.P., & P.V.C. PLASTIC PIPE / CONDUIT THROUGH G.W.B. ASSEMBLY

System No. W-L-3001

September 07, 2004

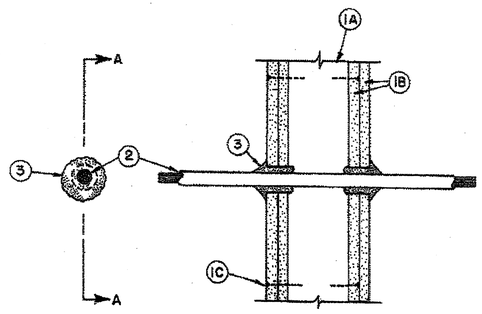
(Formerly System No. 149)

F Ratings — 1 and 2 Hr (See Item 1)

T Ratings — 3/4, 1, 1-1/2 and 2 Hr (See Item 2)

L Rating At Ambient — 15 CFM/sq ft (See Item 3)

L Rating At 400 F — less than 1 CFM/sq ft (See Item 3)



1. Wall Assembly — The 1 or 2 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner described in the individual U300 or U400 Series Wall or Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

A. **Studs** — Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. lumber spaced 16 in. OC with nom 2 by 4 in. lumber end plates and cross braces. Steel studs to be min 3-5/8 in. wide by 1-3/8 in. deep channels spaced max 24 in OC.

B. **Gypsum Board*** — Nom 1/2 or 5/8 in. thick, 4 ft wide with square or tapered edges. The gypsum wallboard type, thickness, number of layers and sheet orientation shall be as specified in the individual Wall or Partition Design. Diam of circular through opening to be 3/8 in. to 5/8 in. larger than outside diam of cable or cable bundle.

C. **Fasteners** — When wood stud framing is employed gypsum wallboard layers attached to studs with cement coated nails as specified in the individual Wall or Partition Design. When steel channel stud framing is employed, gypsum wallboard attached to studs with Type S self-drilling, self-tapping bugle-head steel screws as specified in the individual Wall or Partition Design.

The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed.

2. **Cables** — Individual cable or max 1 in. diam cable bundle installed in through opening with an annular space of min 0 in. (point contact) to max 3/4 in. Cable to be rigidly supported on both sides of wall assembly. The following types and sizes of cables may be used:

A. Max 150 pair No. 24 AWG copper conductor telephone cable with polyvinyl chloride (PVC) insulation and jacket materials. **When max 25 pair telephone cable is used, T Rating is 2 hr. When 50 to 150 pair telephone cable is used in 1 hr fire rated wall, T Rating is 3/4 hr. When 50 to 150 pair telephone cable is used in 2 hr fire rated wall, T Rating is 1 hr.**

B. Max No. 10 AWG multiple copper conductor Type NM ("Romax") nonmetallic sheathed cable with PVC insulation and jacket materials. **When Type NM cable is used, max T Rating is 1-1/2 hr.**

C. Multiple fiber optical communication cable jacketed with PVC and having a max outside diam of 5/8 in. **When fiber optic cable is used, max T Rating is 2 hr.**

D. Max 12 AWG multiconductor (max seven conductors) power/control cable with cross-linked polyethylene (XLPE) insulation and XLPE or PVC jacket materials. **When multiconductor power/control cable is used, max T Rating is 2 hr.**

E. Max four conductor with ground No. 2 AWG (or smaller) aluminum SER cables with polyvinyl chloride insulation amd jacket materials.

3. **Fill, Void or Cavity Materials* — Caulk, Sealant or Putty** — Caulk or putty fill material installed to completely fill annular space between cable and gypsum wallboard on both sides of wall and with a min 1/4 in. diam bead of caulk or putty applied to perimeter of cable(s) at its egress from each side of the wall.

3M COMPANY — MP+ putty, CP 25WB+ caulk or FB-3000 WT sealant. (Note: L Ratings apply only when Type CP 25WB+ caulk or FB-3000 WT sealant is used.)

*Bearing the UL Classification Mark

(12) **DETAIL** SCALE: N.T.S. — PENETRATION FIRESTOP FOR INSULATED CABLE THROUGH G.W.B. ASSEMBLY

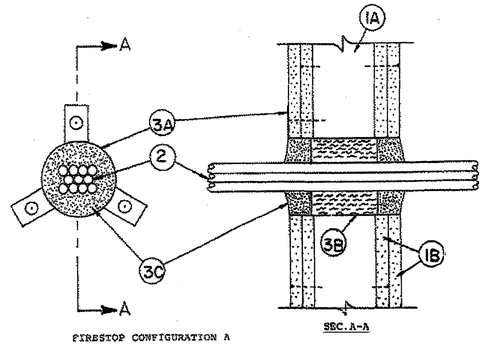
System No. W-L-3005

June 23, 2000

(Formerly System No. 235)

F Ratings — 1 and 2 Hr (See Item 1)

T Ratings — 1/2 Hr



1. Wall Assembly — The 1 or 2 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

A. **Studs** — Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. lumber spaced 16 in. OC. In 2 hr fire-rated assemblies, steel studs to be min 2-1/2 in. wide and spaced max 24 in. OC. In 1 hr fire-rated assemblies, steel studs to be min 3-5/8 in. wide and spaced max 24 in. OC.

B. **Gypsum Board*** — 5/8 in. thick, 4 ft wide with square or tapered edges. The gypsum wallboard type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual U300 or U400 Series Design in the UL Fire Resistance Directory. Max diam of opening is 3 in.

The hourly F rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed.

2. **Cables** — Aggregate cross-sectional area of cable in opening to be max 40 percent of the aggregate cross-sectional of the opening. Cables to be centered and rigidly supported on both sides of floor or wall assembly. The following types and sizes of copper conductor cables may be used:

A. Max 50 pair No. 24 AWG (or smaller) copper conductor telephone cables with polyvinyl chloride (PVC) insulation and jacket materials.

B. **Max 2/C (with ground)** — 12 AWG (or smaller) PVC insulated and jacketed nonmetallic sheathed cable.

3. **Firestop System** — The firestop system shall consist of the following:

A. **Steel Sleeve** — Cylindrical sleeve friction fitted into the opening with nom 1 in. by 1 in. long mounting flanges and secured to gypsum wallboard with 2 in. long Type S self-drilling, self-tapping steel screws and fender washers. Sleeve may be field fabricated from min 0.016 in. thick (No. 30 gauge) galv sheet metal in accordance with the manufacturer's installation instructions.

B. **Packing Material** — In 2 hr fire-rated assemblies, min 2-1/2 in. thickness of min 4 pcf mineral wool insulation firmly packed into opening as a permanent form. In 1 hr fire-rated assemblies, min 2-3/8 in. thickness of min 4 pcf mineral wool insulation firmly packed into opening as a permanent form. Packing material to be recessed from both surfaces of wall as required to accommodate the required thickness of fill material.

C. **Fill, Void or Cavity Material* — Caulk or Putty** — Min 1-1/4 in. thickness of fill material applied within annulus flush with both surfaces of wall. Fill material to be forced into interstices of cable bundle max extent possible. Additional fill material to be installed such that a min 1/2 in. crown is formed around the penetrating item.

W R GRACE & CO - CONN — FS900, FS901, FS903, FS903CG, FS905, FS905CG, FS929, FST901, FST903 or FST905 Sealant or FSP 1000 Putty

(13) **DETAIL** SCALE: N.T.S. — PENETRATION FIRESTOP FOR 6" MAX. DIAMETER INSULATED CABLE THROUGH G.W.B. ASSEMBLY

System No. W-J-1010

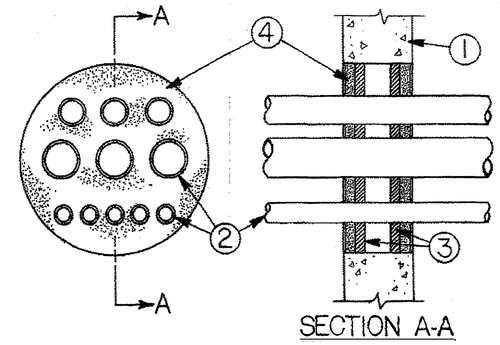
June 15, 2005

F Rating — 3 Hr

T Ratings — 1, 1-1/2 and 2 Hr (See Item 2)

L Rating At Ambient — 2 CFM/sq ft

L Rating At 400 F — less than 1 CFM/sq ft



1. Wall Assembly — Min 6 in. (152 mm) thick lightweight or normal weight (100-150 pcf or 1600-2400 kg/m^3) concrete. Wall may also be constructed of any UL Classified **Concrete Blocks***. Max diam of opening is 12 in. (305 mm).

See **Concrete Blocks** (CAZT) category in the Fire Resistance Directory for names of manufacturers.

2. **Steel Pipe or Conduit** — Nom 3 in. (76 mm) diam (or smaller) Schedule 10 (or heavier) steel pipe, steel conduit or steel electrical metallic tubing. Multiple pipes and/or conduit permitted in opening provided a min separation of 1/4 in. (6 mm) is maintained between pipes or conduits. Pipes and/or conduits to be rigidly supported on both sides of the wall assembly. The T Rating of the firestop system is dependent upon the max diam of the pipes or conduits, as tabulated below:

Max Pipe or Conduit Diam In.	T Rating Hr
3 (76)	1
1 (25)	1-1/2
3/4 (19)	2

3. **Packing Material** — Min 1 in. (25 mm) thick rigid glass fiber insulation or mineral wool batt insulation firmly packed into opening on both sides of wall assembly as a permanent form. Packing material to be recessed min 1 in. (25 mm) from surface of wall on both sides of wall assembly.

4. **Fill, Void or Cavity Materials* — Caulk or Sealant** — Applied to fill the through opening to a min depth of 1 in. (25 mm) on both sides of wall assembly.

3M COMPANY — CP 25WB+ or FB-3000 WT

*Bearing the UL Classification Mark

(14) **DETAIL** SCALE: N.T.S. — PENETRATION FIRESTOP FOR 3" MAX. DIAMETER STEEL PIPE OR CONDUIT THROUGH 4-HR RATED ASSEMBLY

David R. Polston
STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-15-2005

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

David R. Polston - Architect
3806 Park Ave. Suite C, Wilmington, NC 28403
Architecture Planning Design

100 BED
NURSING FACILITY

FS 5

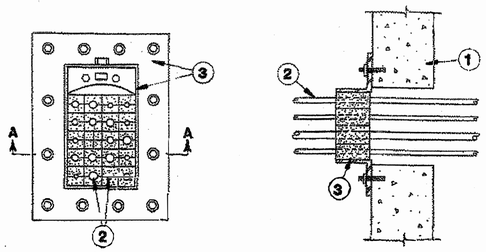
System No. W-J-1016

December 05, 1996

(Formerly System No. 497)

F Rating — 3 Hr

T Rating — 0 Hr



SECTION A-A

1. **Wall Assembly** — Min 4 in. thick reinforced normal weight (140-150) concrete. Wall assembly may also be constructed of any UL Classified **Concrete Blocks***. Max area of opening is 72.2 sq in. with max dimension of 10-17/64 in.

See **Concrete Blocks** (CAZT) category in the Fire Resistance Directory for names of manufacturers.

2. **Through Penetrants** — One metallic pipe or conduit to be positioned within the firestop device. Pipe or conduit to be rigidly supported on both sides of wall assembly. The following types and sizes of metallic pipes or conduits may be used:

A. **Steel Pipe** — Nom 2 in. diam (or smaller) Schedule 40 (or heavier) steel pipe.

B. **Conduit** — Nom 2 in. diam (or smaller) rigid galv steel conduit.

3. **Firestop Device** — Firestop device shall be installed in accordance with the accompanying installation instructions. Firestop device consists of a steel frame, compression unit, stay plates and elastomeric insert blocks. The firestop device may be installed on either side of a solid concrete wall assembly. When wall is constructed of concrete blocks, devices are to be installed symmetrically on both sides of wall assembly. Device secured by means of 3/8 in. diam by 1-7/8 in. long steel expansion anchors spaced a max 4 in. OC. The annular space between the through-penetrants and the periphery of the steel frame shall be filled with elastomeric insert blocks and a compression unit sized to fit the specific penetrating items and steel frame. During the installation of the insert blocks within the steel frame, thin metal stay plates shall be used to separate each row of insert blocks and retain the insert blocks within the steel frame. After installation of the blocks, the bolts of the compression unit are tightened to form an effective seal around the through-penetrants and elastomeric insert blocks. The size of device is dependent upon the thickness of the wall and the size of the opening as tabulated below:

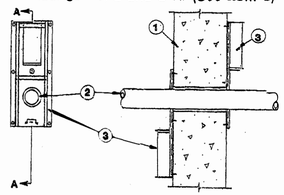
Thiens of Wall In.	Opening Size In.	Size of Device
8	4-11/32 x 5-1/2	RGB-2
8	7-1/32 x 5-1/2	RGB-4
8	9-11/32 x 5-1/2	RGB-6
8	7-1/32 x 10-17/64	RGB-4x2
4	4-11/32 x 5-1/2	RGB-2
4	7-1/32 x 5-1/2	RGB-4
4	9-11/32 x 5-1/2	RGB-6
4	7-1/31 x 10-17/64	RGB-4x2

EGS NELSON FIRESTOP — Types RGB-2, RGB-4, RGB-4x2, RGB-6

(15) **DETAIL** — PENETRATION FIRESTOP FOR 2' MAXIMUM DIAMETER STEEL PIPE OR CONDUIT THROUGH 4-HR. RATED ASSEMBLY
SCALE: N.T.S.

System No. WJ2009

(Formerly System No. 527)
F Ratings—1, 2 and 3 Hr (See Item 3)
T Ratings—1, 2 and 3 Hr (See Item 3)



SECTION A-A

WALL ASSEMBLY

1. **Wall Assembly**—Min 7-5/8 in. thick wall assembly constructed of any UL Classified Concrete Blocks* or common bricks, laid up with mortar. Max diam of opening is 7 in.
See **Concrete Blocks** (CAZT) category in the Fire Resistance Directory for names of manufacturers.
2. **Through Penetrants**—One nonmetallic pipe or conduit to be centered within the firestop system. Pipe to be rigidly supported on both sides of wall assembly. A nom annular space of 1/4 to 3/8 in. is required within the firestop system. Pipe or conduit to be rigidly supported on both sides of the wall assembly. The following types of nonmetallic pipes or conduits may be used:
   A. **Polyvinyl Chloride (PVC) Pipe**—Nom 6 in. diam (or smaller) Schedule 40 PVC pipe for use in closed (process or supply) or vented (drain, waste or vent) piping system.
   B. **Polyethylene (PE) Pipe**—Nom 6 in. diam (or smaller) Schedule 40 PE pipe for use in closed (process or supply) or vented (drain, waste or vent) piping system.
   C. **Chlorinated Polyvinyl Chloride (CPVC) Pipe**—Nom 6 in. diam (or smaller) Schedule 40 CPVC pipe for use in closed (process or supply) or vented (drain, waste or vent) piping system.
   D. **Polypropylene (PP) Pipe**—Nom 6 in. diam (or smaller) Schedule 40 PP pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems. Pipe to be rigidly supported on both sides of wall assembly.
3. **Firestop Device***—Devices consist of rectangular metal frame with a spring-loaded guillotine blade mechanism installed around outer circumference of opening. Devices to be mounted to each surface of wall assembly using 1-5/8 in. long steel masonry anchors in accordance with accompanying installation instructions. The hourly F and T ratings of the devices are dependent upon the type, size and schedule of the penetrating item, as shown in the following table:

Max Device Size (In.)	Type Of Pipe	Nom Pipe Diam In.	Pipe Schedule	F Rating, Hr	T Rating, Hr
4	PE	4	Sch 40	1	1
3	PP	3	Sch 40	2	2
2	CPVC	2	Sch 80	3	2
1-1/2	PVC	1-1/2	Sch 80	3	2
3	PVC	3	Sch 40	3	3
6	PVC	6	Sch 40	3	2

Orion Industries Inc.—Types 1-1/2, 2, 3, 4 and 6 in.
*Bearing the UL Classification Marking

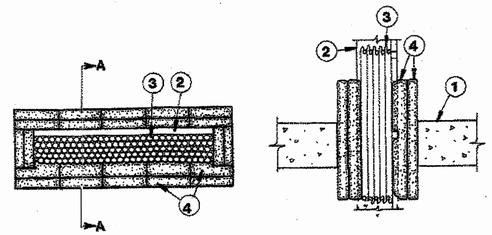
(16) **DETAIL** — PENETRATION FIRESTOP FOR 6' MAXIMUM DIAMETER P.V.C. PIPE, P.E. PIPE, OR C.P.V.C. PIPE THROUGH 4-HR. RATED ASSEMBLY
SCALE: N.T.S.

System No. W-J-4005

January 08, 1993

F Rating — 3 Hr

T Rating — 0 Hr



SECTION A-A

1. **Wall Assembly** — Min 4-1/2 in. thick reinforced lightweight or normal weight (100-150 pcf) concrete. Wall may also be constructed of any UL Classified **Concrete Blocks***. Max area of opening is 176 sq in. with max dimension of 22 in.

See **Concrete Blocks** (CAZT) category in the Fire Resistance Directory for names of manufacturers.

2. **Cable Tray** — Max 18 in. wide by 4 in. deep open ladder cable tray with channel-shaped side-rails formed of min 0.064 in. thick steel and with 1 in. wide by 1 in. deep rungs spaced 9 in. OC. One cable tray to be installed in the opening. The annular space between the cable tray and the periphery of the opening shall be min 2 in. Cable tray to be rigidly supported on both sides of wall assembly.

3. **Cables** — Aggregate cross-sectional area of cables in cable tray to be max 40 percent of the cross-sectional area of the cable tray based on a max 3 in. cable loading depth within the cable tray. Any combination of the following types and sizes of copper conductor cables may be used:

A. Max 100 pair No. 24 AWG copper conductor communication cables with polyvinyl chloride (PVC) insulation and jacket materials.

B. Max 7/C No. 12 AWG copper conductor control cables with polyvinyl chloride (PVC) insulation and jacket materials.

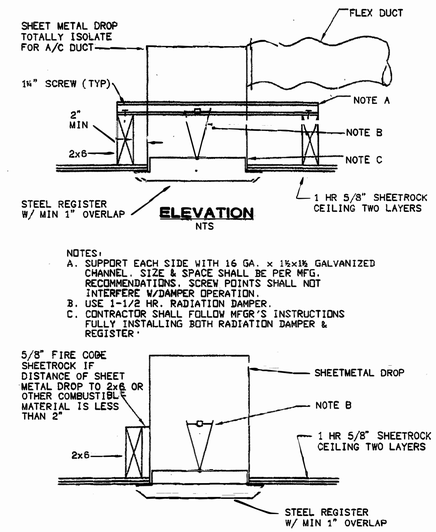
C. Max 350 kcmil single conductor power cables with polyvinyl chloride (PVC) insulation.

4. **Fill, Void or Cavity Materials*** — **Cushions** — Nominal 13 in. long by 4-1/2 or 7-1/2 in. wide by 1 in. thick fabric covered intumescent cushions. Cushions installed flat with nominal 13 in. length of each cushion passing through the wall opening with its ends projecting equally beyond the wall surface on each side of the wall assembly. Cushions tightly-packed into through opening between cables, cables and cable tray and cable tray and periphery of opening.

TREMCO INC — TREMstop-PS

*Bearing the UL Classification Mark

(17) **DETAIL** — PENETRATION FIRESTOP FOR INSULATED CABLES THROUGH 4-HR. RATED ASSEMBLY
SCALE: N.T.S.



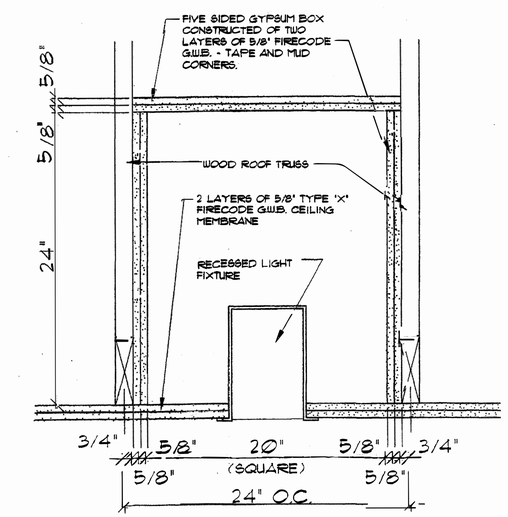
NOTES:
A. SUPPORT EACH SIDE WITH 16 GA. × 1⅝x1⅝ GALVANIZED CHANNEL. SIZE & SPACE SHALL BE PER MFG. RECOMMENDATIONS. SCREW POINTS SHALL NOT INTERFERE W/DAMPER OPERATION.
B. USE 1-1/2 HR. RADIATION DAMPER.
C. CONTRACTOR SHALL FOLLOW MFGR'S INSTRUCTIONS FULLY INSTALLING BOTH RADIATION DAMPER & REGISTER.

BOX NEXT TO 2x6 JOIST

PROVIDE FLEXIBLE SEALANT SEAL ON ALL SIDES OF DUCT DROP AND ADJACENT G.W.B.

(18) **DETAIL** — RADIATION DAMPER AT CEILING LOCATION
SCALE: N.T.S.

FIVE SIDED G.W.B. TO BE AIR TIGHT, IC RATED AND SEALED TO DRYWALL CEILING.



RECESSED LIGHTING CEILING PROTECTION

FIVE SIDED G.W.B. BOX

SCALE: 2" = 1'-0"

(19) **DETAIL** — FIVE SIDED G.W.B. BOX FOR FIRE PROTECTION AT CEILING CAN LIGHTS
SCALE: N.T.S.

STATE OF SOUTH CAROLINA
DAVID R. POLSTON
WILMINGTON, NC
NO. 4212
REGISTERED ARCHITECT
4-16-2025

David R. Polston - Architect
3806 Park Ave. Suite C Wilmington, NC 28403
Architecture Planning Design

PRUITTHEALTH
MYRTLE BEACH
Myrtle Beach, South Carolina

100 BED
NURSING FACILITY

FS 6