

Drawing File: \\S:\2023\Customers\Hanger\_2023-06-08\DWG\Harnett-Airport-Foundation-18 Dec 2023 Ric.dwg  
 Printed By: ric  
 Printed Date: Feb 05, 2024 - 4:26pm

**SHEET INDEX:**

- CS COVER SHEET & INDEX TO DRAWINGS
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  - SP DEFERRED SUBMITTALS BY OTHER
  - S1 FOUNDATION PLAN & ANCHOR BOLT PLAN
  - S2 FOUNDATION & FOOTING DETAILS
- 
- G1 BUILDING FLOOR PLAN
  - G2 2 HOUR RATED WALL UL DETAIL

PROJECT:

# HARNETT REGIONAL AIRPORT HANGAR

615 AIRPORT ROAD  
 ERWIN, NORTH CAROLINA 28339

PROJECT TEAM:

BUILDING DEPARTMENT:

HARNETT COUNTY  
 INSPECTION DEPARTMENT  
 420 MCKINNEY PARKWAY  
 LILLINGTON, NC 27546  
 910-893-2793

PROJECT DESIGNER:

JENKINS CONSULTING ENGINEERS, P.A.  
 OFFICE in EUREKA SPRINGS, NC  
 KELLY J. DODSON, PE  
 1606 MCARTHUR ROAD  
 FAYETTEVILLE, NC 28311-1002  
 910-822-1724

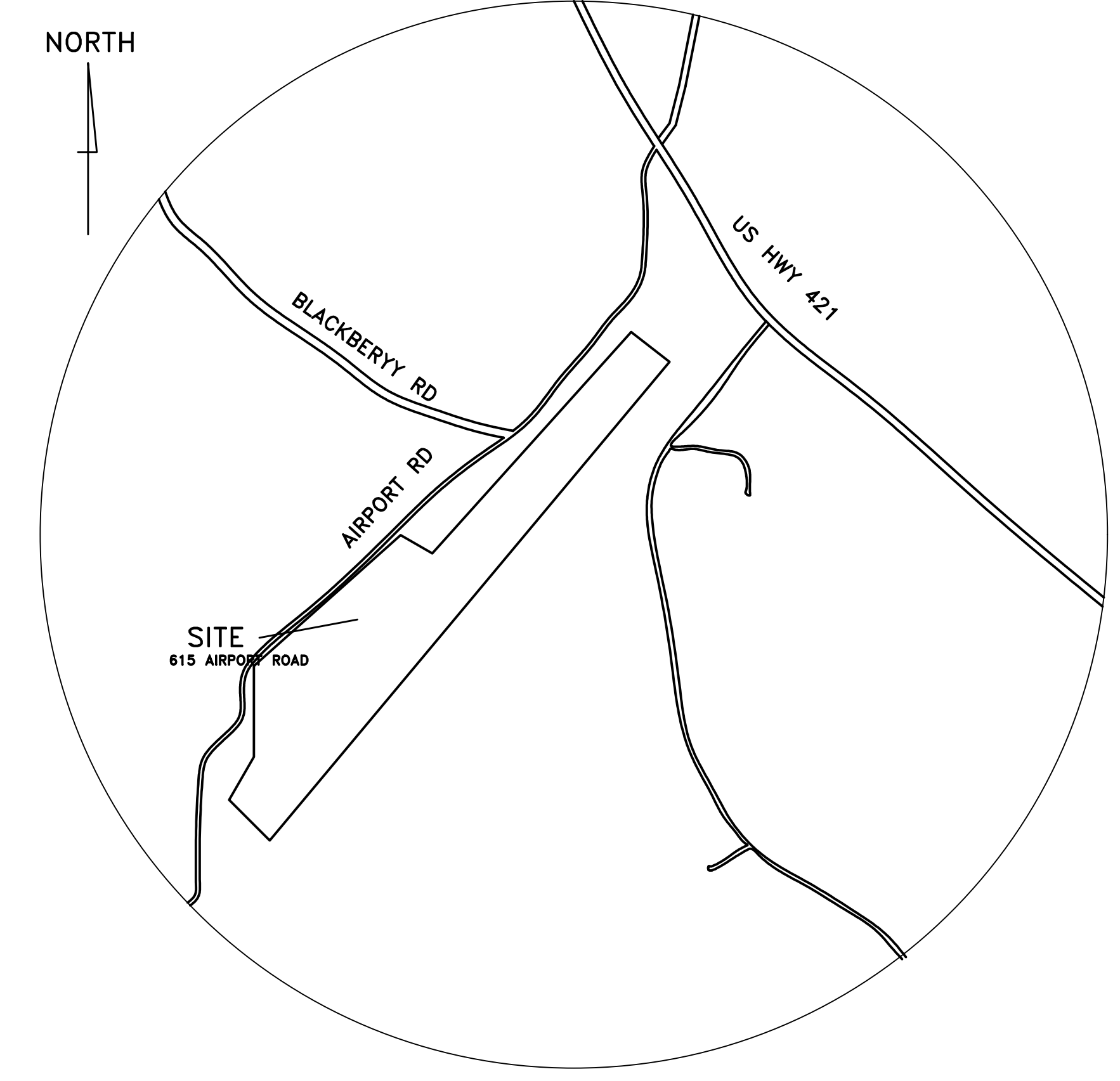
CODE REVIEW:

APPLICABLE CODES INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING:

- BUILDING            2018 NC EXISTING BUILDING CODE  
                           2018 NC BUILDING CODE
- FIRE PREVENTION   2018 NC FIRE CODE
- ENERGY              2018 NC ENERGY CONSERVATION CODE

VICINITY PLAN

NOT TO SCALE



**BUILDING DATA:**  
 THE PROJECT SCOPE IS TO CONSTRUCT A NEW BUILDING FOR USE AS AN AIRCRAFT HANGAR

1 REV1: 5 FEB 2024 - 2 HR RATED WALL



|                            |              |                       |                        |
|----------------------------|--------------|-----------------------|------------------------|
| DESIGNED / CHECKED BY: KJD | DRAWN BY: BT | PROJECT #: 2023-06-09 | DATE: 05 FEBRUARY 2024 |
|----------------------------|--------------|-----------------------|------------------------|

|  |               |                     |
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| FINAL DRAWING <input type="checkbox"/> FOR REVIEW PURPOSES ONLY    | OWNER/TENANT: | CONTRACTOR/BUILDER: |
| PRELIMINARY <input type="checkbox"/> FOR DESIGN DEVELOPMENT ONLY   |               |                     |
| FINAL DRAWING <input checked="" type="checkbox"/> FOR CONSTRUCTION |               |                     |

|   |                           |
|---|---------------------------|
| <b>HARNETT COUNTY AIRPORT HANGAR</b><br>615 AIRPORT RD. ERWIN, NC 28339 | COVER & INDEX TO DRAWINGS |
|---|---------------------------|

CSr1

1'-4" SCALE: 1/2" = 1'-0"
2'-0" SCALE: 1/4" = 1'-0"
4'-0" SCALE: 1/4" = 1'-0"
8'-0" SCALE: 1/4" = 1'-0"
10'-8" SCALE: 1/4" = 1'-0"
2'-8" SCALE: 3/16" = 1'-0"
4'-0" SCALE: 1/8" = 1'-0"
8'-0" SCALE: 1/8" = 1'-0"
16'-0" SCALE: 1/8" = 1'-0"

2018 NORTH CAROLINA BUILDING CODE SUMMARY: APPENDIX B

Name of Project: HARNETT REGIONAL AIRPORT HANGAR
Address: 615 AIRPORT ROAD
Proposed Use: AIRCRAFT HANGAR (U)

CONTACT: KELLY J. DODSON

Table with columns: DESIGNER, FIRM, NAME, LICENSE #, TELEPHONE #, E-MAIL. Lists designers like SCOTT BROWN, DOUGLAS L. JENKINS, and KELLY J. DODSON.

2018 NORTH CAROLINA BUILDING CODE: New Building, Shell / Core, First Time Interior Completions, etc.

2018 NORTH CAROLINA EXISTING BUILDING CODE: Prescriptive, Alteration Level I, Historic Property, etc.

CONSTRUCTED: (date) N/A, CURRENT USE (S) (Ch. 3): AIRCRAFT HANGAR (GROUP III - NEPA 409)

BASIC BUILDING DATA: Construction Type, Sprinklers, Standpipes, Primary Fire District, etc.

Table: GROSS BUILDING AREA TABLE. Columns: FLOOR, EXISTING (sq ft), NEW (sq ft), SUBTOTAL. Shows 9,000 sq ft for Ground Level and Total Space Area.

ALLOWABLE AREA: Primary Occupancy Classification(s) including Assembly, Business, Educational, Factory, etc.

Accessory Occupancy Classification(s): NONE
Special Uses (Chapter 4): 402-425
Special Provisions (Chapter 5): 510.2-510.9

Separated Use Formula 508.4.2: Actual Area of Occupancy A / Allowable Area of Occupancy A + Actual Area of Occupancy B / Allowable Area of Occupancy B <= 1

Table with columns: STORY NUMBER, DESCRIPTION AND USE, (A) BLDG AREA PER STORY (ACTUAL), (B) TABLE 506.2.4 AREA FOR FRONTAGE INCREASE, (C) AREA FOR FRONTAGE INCREASE, (D) ALLOWABLE AREA PER STORY OR UNLIMITED.

1 Frontage area increases from Section 506.3 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = 120 (F)
b. Total Building Perimeter = 390 (P)
c. Ratio (F/P) = 31 / 390 = (F/P)

Table: FRONTAGE INCREASE WORKSHEET FOR CALCULATIONS. Columns: EXTERIOR WALL, (F) OPEN LENGTH (feet), (P) TOTAL LENGTH (feet), (W) (weighted average) WIDTH OF PUBLIC WAY OR OPEN SPACE (feet), (X) FROM CALC. ABOVE, (B) FROM TABLE ABOVE, AREA INCREASE FOR COLUMN (C) ABOVE (% \* TABLE AREA).

2 Unlimited area applicable under conditions of Section 507
3 Maximum Building Area = total number of stories in the building x D (maximum 3 stories) (Section 506.2)
4 The maximum area of open parking garages must comply with Table 406.5.4. The maximum area of air traffic control towers must comply with Table 412.3.1

BUILDING CODE SUMMARY (continued)

Table: ALLOWABLE HEIGHT. Columns: ALLOWABLE, SHOWN ON PLANS, CODE REFERENCE. Shows Building Height in Feet (Table 504.3) as 65 and Building Height in Stories (Table 504.4) as 3.

Table: FIRE PROTECTION REQUIREMENTS. Columns: BUILDING ELEMENT, FIRE SEPARATION DISTANCE (feet), RATING \*\* (TABLE 601), DETAIL # AND SHEET #, DESIGN # FOR RATED ASSEMBLY, SHEET # FOR RATED PENETRATION, SHEET # FOR RATED JOINTS.

Table: PERCENTAGE OF WALL OPENING CALCULATIONS. Columns: EXTERIOR WALL, FIRE SEPARATION DISTANCE (feet) FROM PROPERTY LINE, DEGREE OF OPENINGS PROTECTION (TABLE 705.5), ALLOWABLE AREA (%), ACTUAL SHOWN ON PLANS (%).

Table: LIFE SAFETY SYSTEM REQUIREMENTS. Columns: Emergency Lighting, Exit Signs, Fire Alarm, Smoke Detection Systems, Carbon Monoxide Detection, Life Safety Systems Generator.

Table: LIFE SAFETY PLAN REQUIREMENTS. Includes Fire and/or smoke rated wall locations, Assumed and real property line locations, Exterior wall opening area with respect to distance to assumed property lines (705.6), etc.

Table: ACCESSIBLE DWELLING UNITS (SECTION 1107). Columns: TOTAL UNITS, ACCESSIBLE UNITS REQUIRED, ACCESSIBLE UNITS PROVIDED, TYPE A UNITS REQUIRED, TYPE A UNITS PROVIDED, TYPE B UNITS REQUIRED, TYPE B UNITS PROVIDED, TOTAL ACCESSIBLE UNITS PROVIDED.

Table: ACCESSIBLE PARKING (SECTION 1106). Columns: LOT OR PARKING AREA, TOTAL # OF PARKING SPACES, # OF ACCESSIBLE SPACES PROVIDED (REGULAR WITH 5' ACCESS AISLE, VAN SPACES WITH 132" ACCESS AISLE, 96" ACCESS AISLE), TOTAL # ACCESSIBLE PROVIDED.

BUILDING CODE SUMMARY (continued)

Table: PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1). Columns: USE, WATER CLOSETS (MALE, FEMALE, UNISEX), URINALS, LAVATORIES (MALE, FEMALE, UNISEX), SHOWERS/TUBS, DRINKING FOUNTAINS (REGULAR, ACCESSIBLE), SERVICE SINK.

NOTE: THIS BUSINESS HAS OCCUPANT LOADS LESS THAN 25. NO HI-LOW DRINKING FOUNTAIN IS REQUIRED.

SPECIAL APPROVALS:
Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPL, DHHS, ICC, etc., describe below)
N/A

ENERGY REQUIREMENTS:
The following data shall be considered minimum and any special attribute required to meet the energy code shall also be provided. Each Designer shall furnish the required portions of the project information for the plan data sheet.

THERMAL ENVELOPE (Prescriptive method only)
Roof/Ceiling Assembly (each assembly)
Description of assembly: METAL BUILDING ROOF PANEL
U-Value of total assembly:
R-Value of insulation: R-10 + R-19 FC

Exterior Walls (each assembly)
Description of assembly: METAL BUILDING WALL PANEL WITH R-19 INSULATION
U-Value of total assembly:
R-Value of insulation: R-19

Floors over unconditioned space (each assembly)
Description of assembly: N/A
U-Value of total assembly:
R-Value of insulation:

Floors slab on grade (each assembly)
Description of assembly: 6" CONCRETE SLAB
U-Value of total assembly:
R-Value of insulation:
Horizontal/vertical requirement: slab heated:

MECHANICAL SUMMARY (SEE DRAWING SHEET M1)
ELECTRICAL SUMMARY (SEE DRAWING SHEET E1)

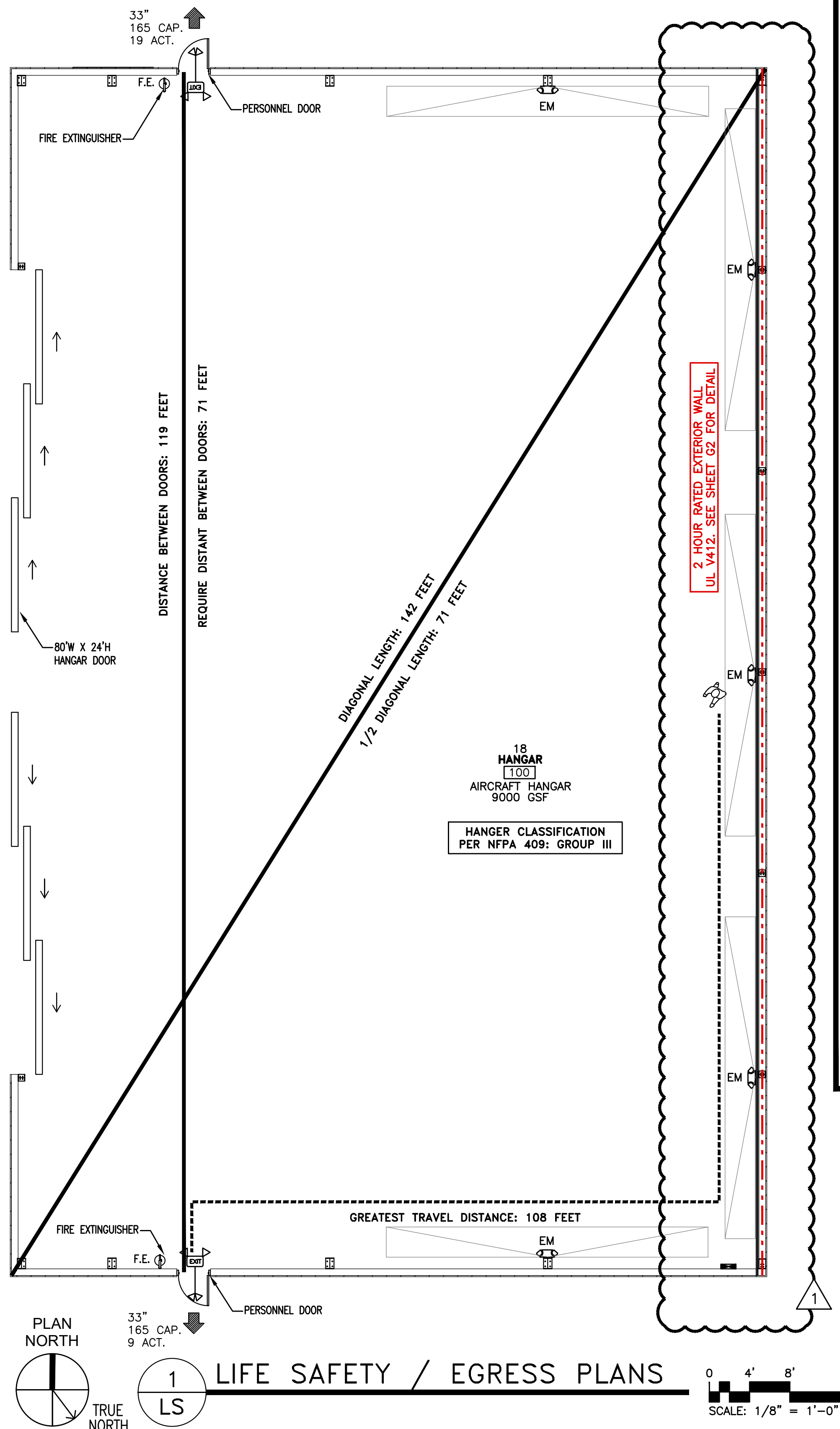
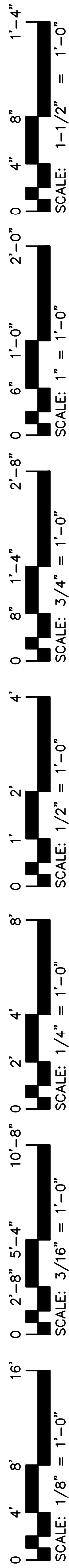
CUMBERLAND COUNTY BUILDING CODE SUMMARY for:

HARNETT REGIONAL AIRPORT HANGAR

AIRCRAFT RD
ERWIN, NORTH CAROLINA, 28339

Vertical sidebar containing: PEJENKINS CONSULTING ENGINEERS, PA logo and contact info; Professional Engineer Seal for Kelly J. Dodson (No. 42009, Exp. 05 FEBRUARY 2024); Project info: HARNETT COUNTY AIRPORT HANGAR, 615 AIRPORT RD., ERWIN, NC 28339; Building Code Summary sheet info: BCSr1; Date: 5 FEB 2024 - 2 HR RATED WALL.

Drawing File: \\S:\2023\Customer\Hanger 2023-06-08\DWG\Harnett-Airport-Foundation-18 Dec 2023 RLC.dwg  
 Printed By: RLC  
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**AIRCRAFT HANGAR**

GROSS SQUARE FOOTAGE OF BUILDING 9000 SQ. FT.  
 TYPE OF CONSTRUCTION: II-B  
 BUILDING IS TO BE USED AS AN AIRCRAFT HANGAR (U)

OCCUPANT LOAD FOR CALCULATING EGRESS CAPACITY:  
 SPACE OCCUPANCY BY FUNCTION OF SPACE  
 SEE TABLE ON THIS SHEET FOR INDIVIDUAL SPACE TOTALS  
 TOTAL OCCUPANT LOAD BY AREAS = 18 PERSONS

THIS BUILDING IS NOT PROTECTED BY FIRE SPRINKLERS  
 THERE IS NO FIRE ALARM SYSTEM.  
 GREATEST TRAVEL DISTANCE SHOWN: 108 FEET. (PER 1017)  
 MAXIMUM ALLOWABLE TRAVEL DISTANCE: 300 FEET (PER TABLE 1017.2)  
 THE COMMON PATH OF TRAVEL IS LESS THAN 100 FEET. (PER 1006.2.1)  
 THERE ARE NO DEAD END CORRIDORS OVER 50 FEET. (PER 1020.4)

EXIT WIDTH CALCULATIONS:  
 18 PERSONS \* 0.2"/OCCUPANT = 3.6" REQUIRED, 66" TOTAL PROVIDED. (PER 1005.1)  
 NUMBER OF EXITS REQUIRED: TWO (2) ACCESSIBLE  
 NUMBER OF EXITS PROVIDED: TWO (2) ACCESSIBLE

EGRESS DOORS DO NOT REQUIRE PANIC HARDWARE. (PER 1010.1.10)  
 DOORS DO NOT HAVE DELAYED EGRESS LOCKS (PER 1010.1.9.7)  
 DOORS DO NOT HAVE ELECTROMAGNETIC EGRESS LOCKS (PER 1010.1.9.9)  
 DOORS DO NOT HAVE HOLD OPEN DEVICES.  
 THERE ARE NO EMERGENCY ESCAPE WINDOWS (PER 1030)  
 NO. OF FIRE EXTINGUISHERS PROVIDED:  
 PROVIDE TWO (2) NEW FIRE EXTINGUISHER AT THIS BUILDING  
 FIRE EXTINGUISHER FOR CLASS A FIRE HAZARDS REQUIRE NO GREATER THAN 75 FT OF MAXIMUM TRAVEL DISTANCE IN LOW, ORDINARY AND EXTRA HAZARD OCCUPANCY.

| LEGEND                 |  |
|------------------------|--|
| SYMBOL                 | DESCRIPTION  |
| F.E. Ⓞ                 | ABC FIRE EXTINGUISHER SUGGESTED LOCATION                             |
| ---                    | GREATEST TRAVEL DISTANCE   |
| 33"                    | EXIT WIDTH, 36" - 3" = 33" CLEAR WIDTH.                              |
| 165 CAP. 22 ACT.       | EXIT CAPACITY (NUMBER OF PERSONS) ACTUAL OCCUPANT LOAD FOR EXIT DOOR |
| EXIT                   | EXIT SIGN  |
| EM                     | EMERGENCY LIGHT  |
| 36"                    | AISLE WIDTH WHERE SHOWN  |
| EXIT WITH LIGHTING     | EXIT SIGN WITH EMERGENCY LIGHTING                                    |
| ROOM LABEL             | DESCRIPTION  |
| 2 HANGAR 100           | OCCUPANT TOTAL ROOM NAME ROOM NUMBER                                 |
| AIRCRAFT HANGAR 100 SF | FUNCTION TYPE SPACE AREA   |

| OCCUPANCY CLASSIFICATION per TABLE 1004.5                           |                   |                   |                      |                      |                                   |                                |
|---|-------------------|-------------------|----------------------|----------------------|-----------------------------------|--------------------------------|
| SPACE NUMBER  | CURRENT SPACE USE | FUNCTION OF SPACE | OCCUPANT LOAD FACTOR | ROOM AREA (GROSS SF) | CALCULATED EGRESS OCCUPANCY TOTAL | ACTUAL BUILDING OCCUPANT TOTAL |
| 100   | HANGAR            | AIRCRAFT HANGARS  | 500 GROSS            | 9000                 | 18                                | 18                             |
| TOTAL OCCUPANT COUNT FOR BUILDING & EGRESS CAPACITY                 |                   |                   |                      |                      |                                   | 18                             |
| THE EGRESS CAPACITY SHALL BE BASED UPON OCCUPANT LOAD OF 18 PERSONS |                   |                   |                      |                      |                                   |                                |
| (*) DENOTES OCCUPANT NUMBER ACCOUNTED FOR IN OCCUPANT TOTAL         |                   |                   |                      |                      |                                   |                                |

**PEJENKINS CONSULTING ENGINEERS, PA.**  
 OFFICE IN EUREKA SPRINGS, NORTH CAROLINA  
 CORPORATION NUMBER C-3070 MAY 28 2008  
 PATENTVILLE, NC 28137-1724  
 910.822.1724

NORTH CAROLINA PROFESSIONAL ENGINEER  
 SEAL 42009  
 K. J. DICKSON

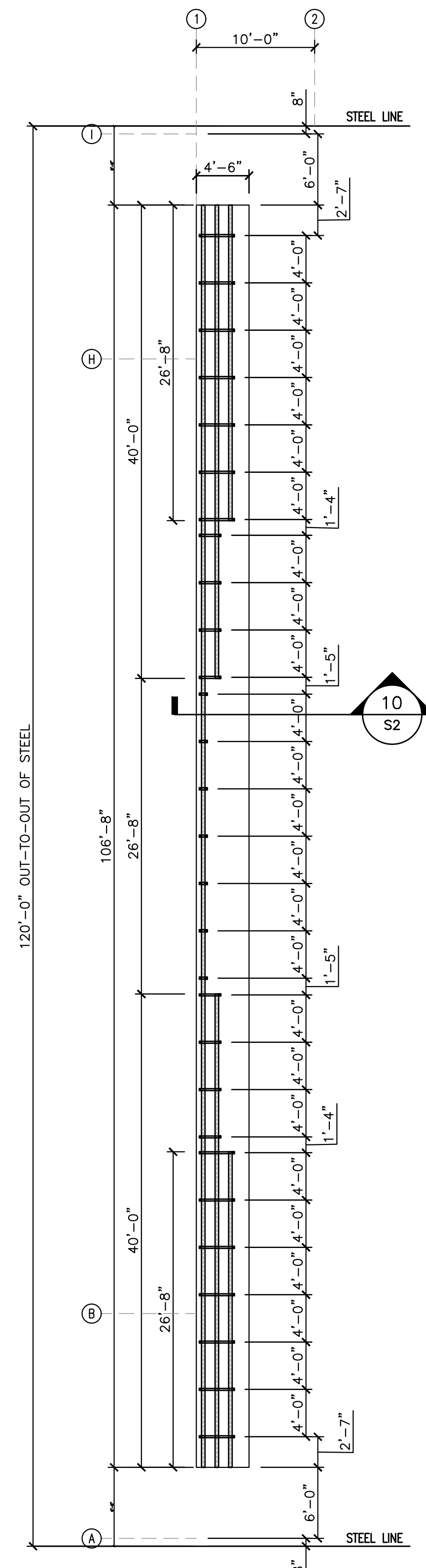
05 FEBRUARY 2024

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| DESIGNED / CHECKED BY: KJD  | DRAWN BY: BT | PROJECT #: 2023-06-09 | DATE: 05 FEBRUARY 2024 |
| FINAL DRAWING <input type="checkbox"/> FOR REVIEW PURPOSES ONLY<br>PRELIMINARY <input type="checkbox"/> FOR DESIGN DEVELOPMENT ONLY<br>FINAL DRAWING <input checked="" type="checkbox"/> FOR CONSTRUCTION |              | OWNER/TENANT:         | CONTRACTOR/BUILDER:    |

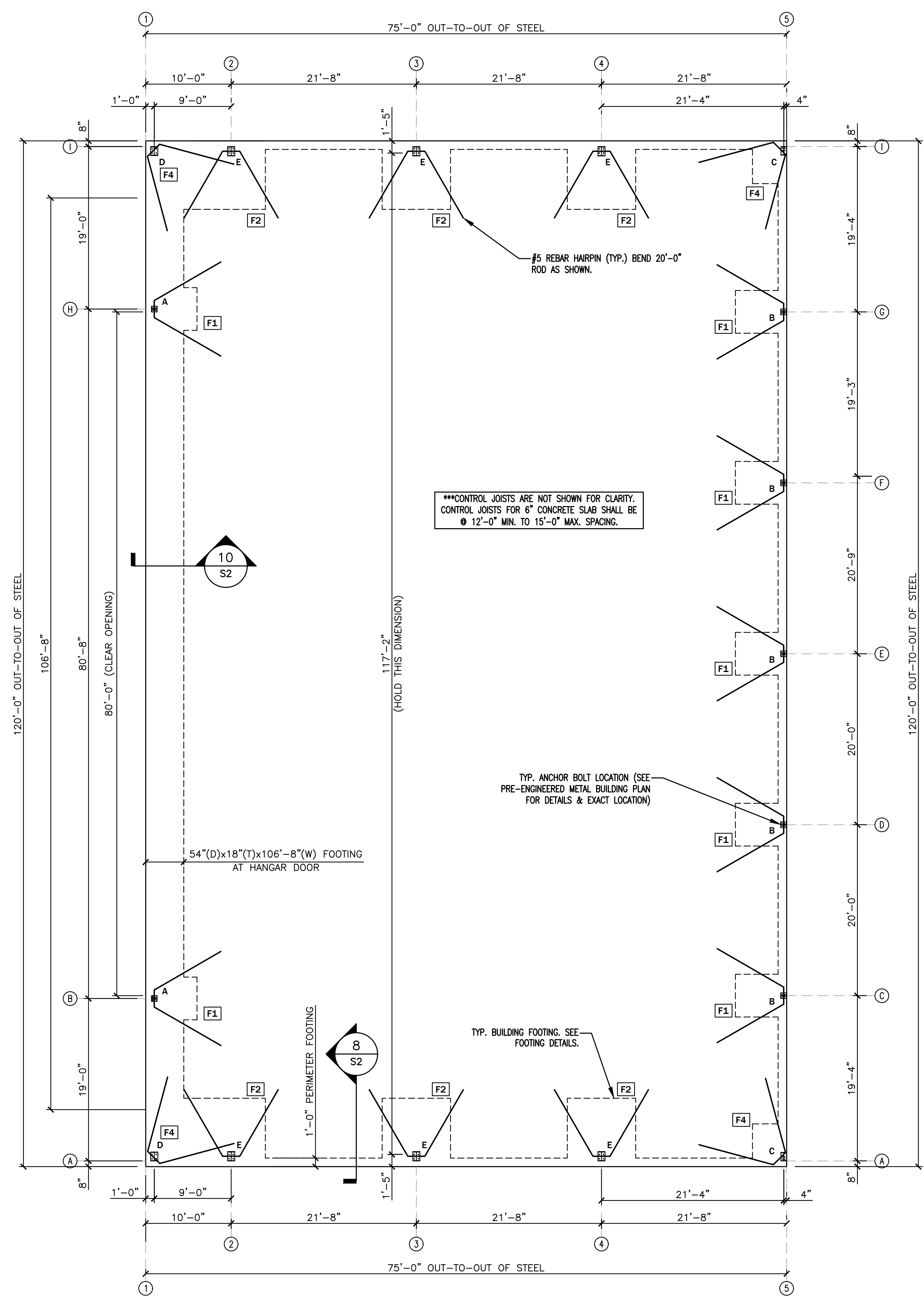
PROJECT: **HARNETT COUNTY AIRPORT HANGAR**  
 6.15 AIRPORT RD. ERWIN, NC 28339  
 SHEET: **BUILDING LIFE SAFETY - EGRESS PLAN**  
 LSR1

REV1: 5 FEB 2024 - 2 HR RATED WALL

Drawing File: I:\2023\Customers\Hanger\_2023-06-08\DWG\Harnett-Airport-Foundation-18 Dec 2023 RLC.dwg  
 Printed By: jmc  
 Printed Date: Sun 29, 2024 - 2:58pm  
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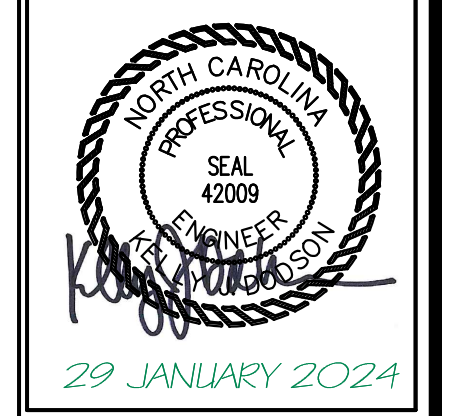


**2**  
**S1** HANGAR DOOR ANCHOR PLAN  
 0 4' 8' 16'  
 SCALE: 1/8" = 1'-0"



**1**  
**S1** PIER & ANCHOR BOLT PLAN  
 0 4' 8' 16'  
 SCALE: 1/8" = 1'-0"

**LEGEND**  
 F3 FOOTING DETAIL NUMBER, SEE DETAIL ON SHEET S2  
 B ANCHOR PLATE, SEE PRE-ENGINEERED METAL BUILDING PLAN FOR DETAIL

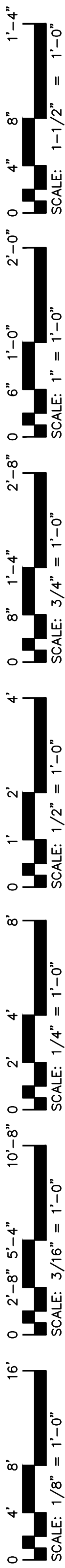


DESIGNED / CHECKED BY: **KJD**  
 DRAWN BY: **BT**  
 PROJECT #: **2023-06-09**  
 DATE: **29 JANUARY 2024**

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 PRELIMINARY  FOR DESIGN DEVELOPMENT ONLY  
 FINAL DRAWING  FOR CONSTRUCTION  
 OWNER/TENANT: \_\_\_\_\_  
 CONTRACTOR/BUILDER: \_\_\_\_\_

PROJECT: **HARNETT COUNTY AIRPORT HANGAR**  
 615 AIRPORT RD. ERWIN, NC 28339  
 SHEET: **FOUNDATION PLAN & ANCHOR BOLT PLAN**

**S1**



Drawing File: \\S:\2023\Customers\Hangar 2023-06-08\DWG\Harnett-Airport-Foundation-18 Dec 2023 Ric.Law  
 Printed By: Ric.Law  
 Printed Date: Sun 29, 2023 - 2:07pm

**REINFORCING STEEL**  
 ALL REINFORCING STEEL SHALL BE DEFORMED STEEL BARS CONFORMING TO A.S.T.M. A615, GRADE 60.  
 ALL REINFORCING STEEL SHALL BE MANUFACTURED, DETAILED, FABRICATED AND PLACED IN ACCORDANCE WITH A.C.I. 318R, 318R AND A.C.I. SP 66.  
 WELDED WIRE FABRIC SHALL CONFORM TO A.S.T.M. A185, IN AS LONG A LENGTH AS IS PRACTICAL. WELDED WIRE FABRIC SHALL BE LAPPED AT LEAST ONE GRID WIDTH PLUS 2". REINFORCEMENT SHALL BE BENT COLD AND SHALL NOT BE WELDED.

**SPICES:**  
 REINFORCEMENT IN CONCRETE AND MASONRY SHALL HAVE LAP LENGTHS AS FOLLOWS, UNLESS OTHERWISE SPECIFIED ON DRAWINGS:  
 BAR SIZE: IN CONCRETE: IN MASONRY:  
 #3 1'-6" 2'-0"  
 #4 2'-0" 2'-6"  
 #5 2'-6" 3'-0"

**PLACEMENT:**  
 REINFORCEMENT SHALL BE ACCURATELY PLACED AND SUPPORTED BY CONCRETE, METAL, OR OTHER APPROVED CHAIRS, SPACERS OR TIES, AND SECURED AGAINST DISPLACEMENT DURING CONCRETE OR GROUT PLACEMENT.

EXCEPT WHERE OTHERWISE NOTED, REINFORCEMENT SHALL HAVE CONCRETE COVER AS FOLLOWS:

|                                  |      |
|----------------------------------|------|
| CONCRETE DEPOSITED AGAINST EARTH | 3"   |
| FORMED CONCRETE AGAINST EARTH    | 2"   |
| EXTERIOR FACES OF WALLS          | 1"   |
| TO TOP OF SLABS-ON-GRADE         | 3/4" |

ALL SCALES, LOOSE RUST, GREASE OR DIRT SHALL BE REMOVED FROM THE REINFORCING BEFORE IT IS PLACED.  
 PROVIDE #5 "HAIRPIN" X 20' LONG AT EXTERIOR COLUMN LINES.  
 ANCHOR BOLTS SHALL BE (A-3077) HIGH STRENGTH.

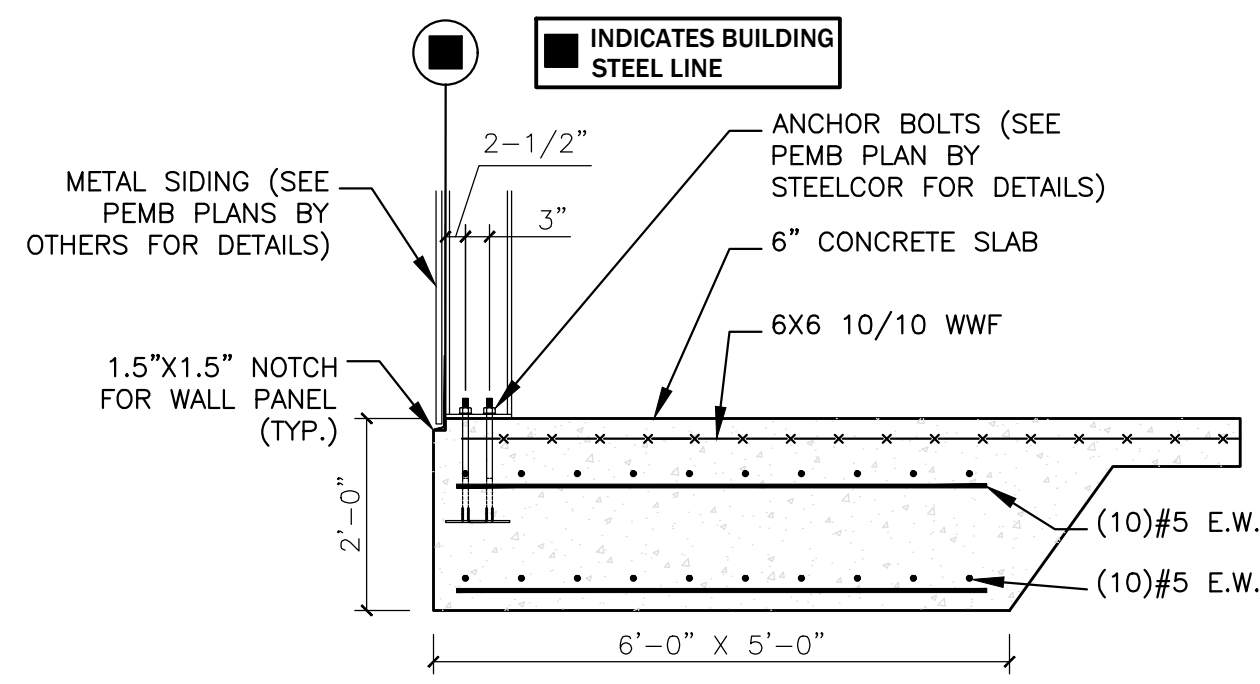
**SOIL TREATMENT:**  
 ADMINISTRATION AS ACCEPTABLE

**GENERAL CONDITIONS**  
 THE GENERAL CONTRACTOR SHALL MAKE ADEQUATE SANITARY PROVISIONS.  
 THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR JOB SAFETY AND COMPLIANCE WITH THE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT AS IT MAY REGARD ANY PHASE OF THE WORK ON THIS PROJECT.

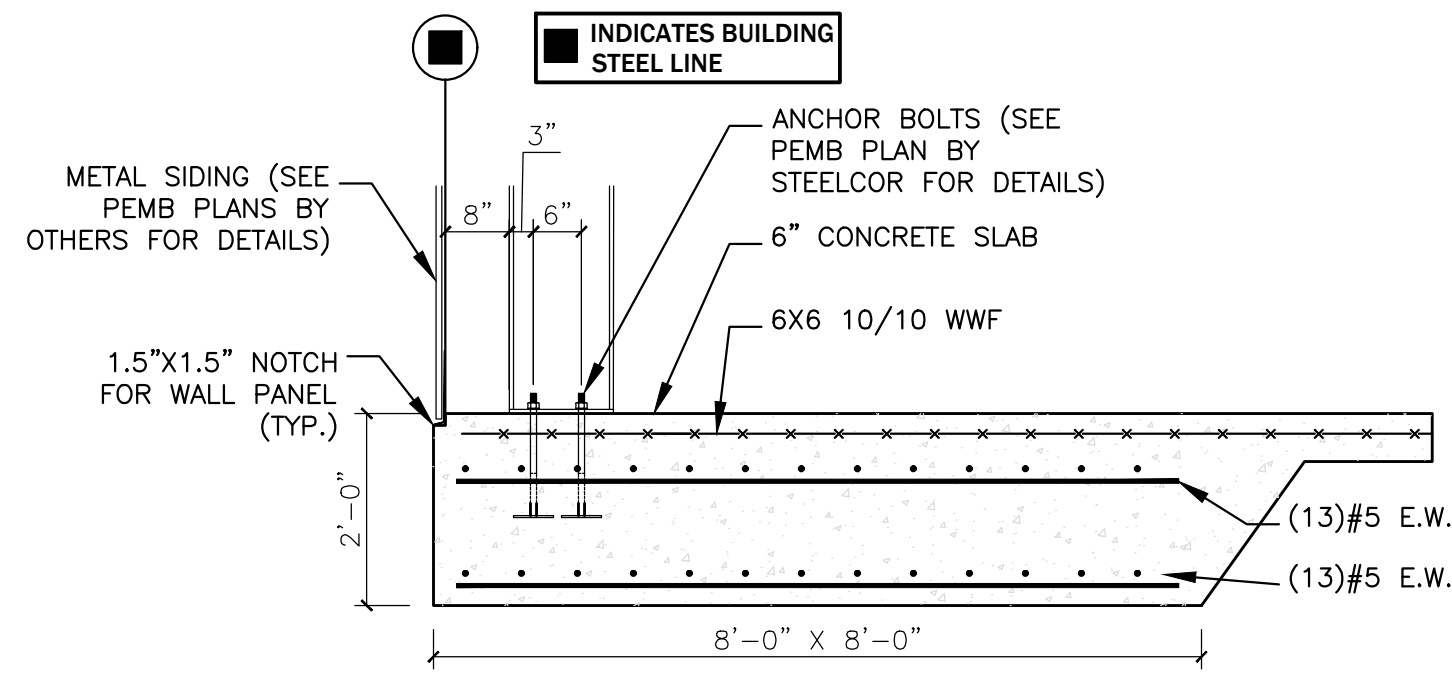
**SOIL COMPACTION AND TESTING**  
 THE GENERAL CONTRACTOR SHALL OBTAIN THE SERVICES OF A TESTING LABORATORY, SUCH AS S&ME OR LAW ENGINEERING FOR THE PURPOSE OF DETERMINING THE SUITABILITY OF THE SUBSURFACE CONDITIONS AND THE BEARING CAPACITIES OF ALL AREAS BELOW CONCRETE (2000psf ASSUMED)..  
 THE SOIL AND BEARING REPORT SHALL BE SUBMITTED PRIOR TO EXCAVATING, WHERE POSSIBLE, BUT PRIOR TO PLACEMENT OF ANY REINFORCING AND CONCRETE.

**CONCRETE WORK**

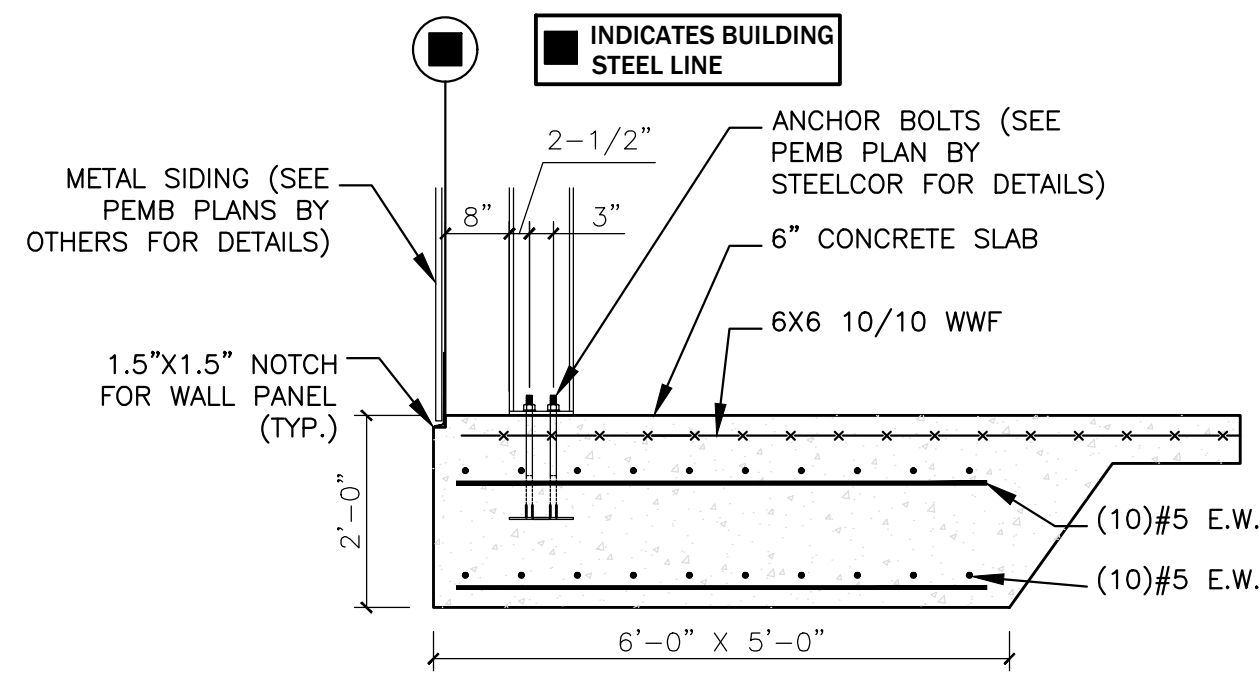
- ALL CONCRETE FOR THE PROJECT SHALL BE "READY MIX" AND SHALL COMPLY WITH ASTM C-94. ALL SECTIONS OF THE CONCRETE WORK SHALL COMPLY WITH ALL A.S.T.M. AND A.C.I. REQUIREMENTS.
- FORM WORK - ALL FORMS TO BE CAREFULLY BUILT AND SECURED IN PLACE IN SUCH A MANNER AS TO HAVE SUFFICIENT STRENGTH TO CARRY THE DEAD WEIGHT OF THE CONSTRUCTION AS A LIQUID, WITHOUT DEFLECTION OR VIBRATION. FORMS TO BE BUILT TIGHT, TRUE TO POSITION AND DIRECTION, THOROUGHLY BRACED, WIRED AND SPIKED OR OTHERWISE FASTENED TOGETHER.
- CONCRETE - MINIMUM OF 3,500 PSI COMPRESSIVE STRENGTH AT 28 DAYS, MINIMUM OF FIVE SACKS OF CEMENT PER CUBIC YARD OF CONCRETE, MAXIMUM OF 4" SLUMP.
- FINISHING - IN ACCORDANCE WITH THE LATEST A.C.I. CODE, PLUMB, LEVEL, TRUE IN LINE, FREE OF HONEYCOMB. BUILDING SLAB SHALL HAVE A HARD STEEL TROWEL FINISH. WALKS SHALL HAVE BROOMED FINISH AND EXPANSION JOINTS AT APPROXIMATELY 50'-0" O.C. AND DUMMY JOINTS AS SHOWN ON THE SITE PLAN.
- REMOVAL OF FORMS - FORMS SHALL BE CAREFULLY REMOVED SO AS NOT TO IMPAIR THE FACE OF THE CONCRETE. IMMEDIATELY AFTER THE FORMS ARE REMOVED ALL DAMAGE OF IMPERFECT WORK SHALL BE PATCHED IN A NEAT AND WORKMANLIKE MANNER OR IF BADLY DAMAGED, IN THE OPINION OF THE OWNER.
- THE WORK SHALL BE REBUILT. THE MINIMUM TIME BEFORE ANY FORMS CAN BE REMOVED IS SEVEN (7) DAYS FOR SUCH MEMBERS AS ARE SUBJECT TO BENDING STRESSES, SUCH AS SLABS.
- CURING - USE MEMBRANE CURING METHOD. USE MFG. RATE, SPRAY IMMEDIATELY FOLLOWING FINISHING. PROTECT FROM FREEZING WEATHER, CURE A TOTAL OF 28 DAYS USING A.C.I. METHODS.



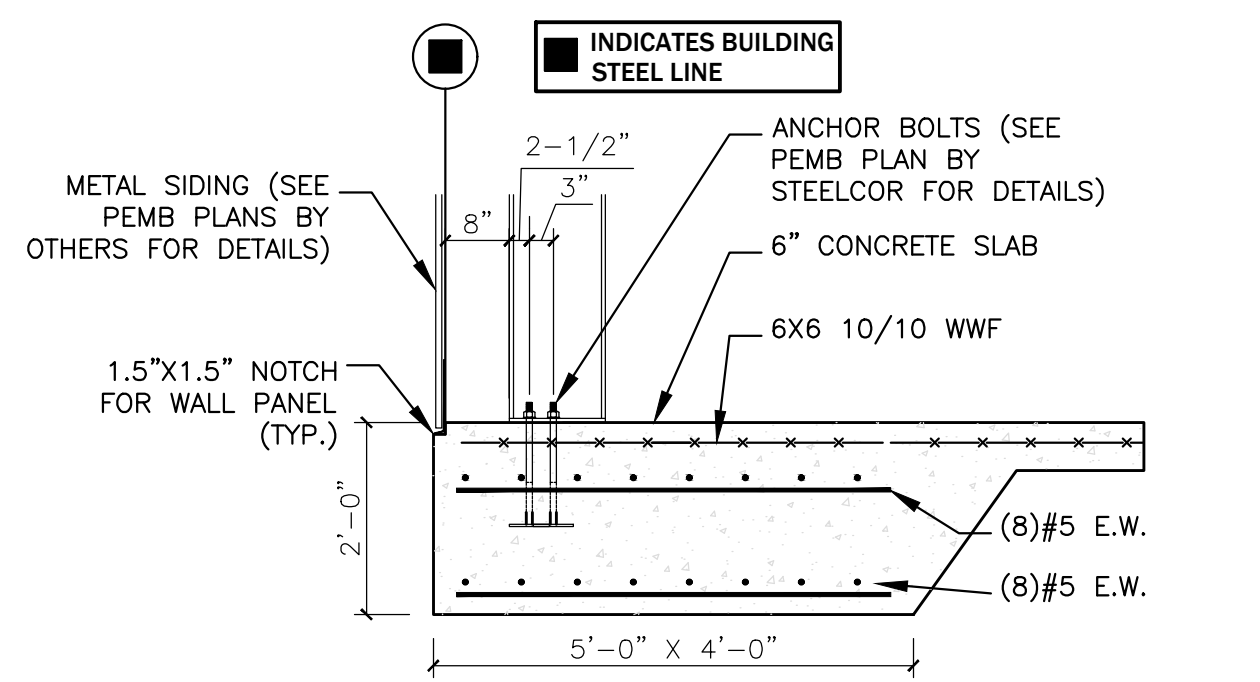
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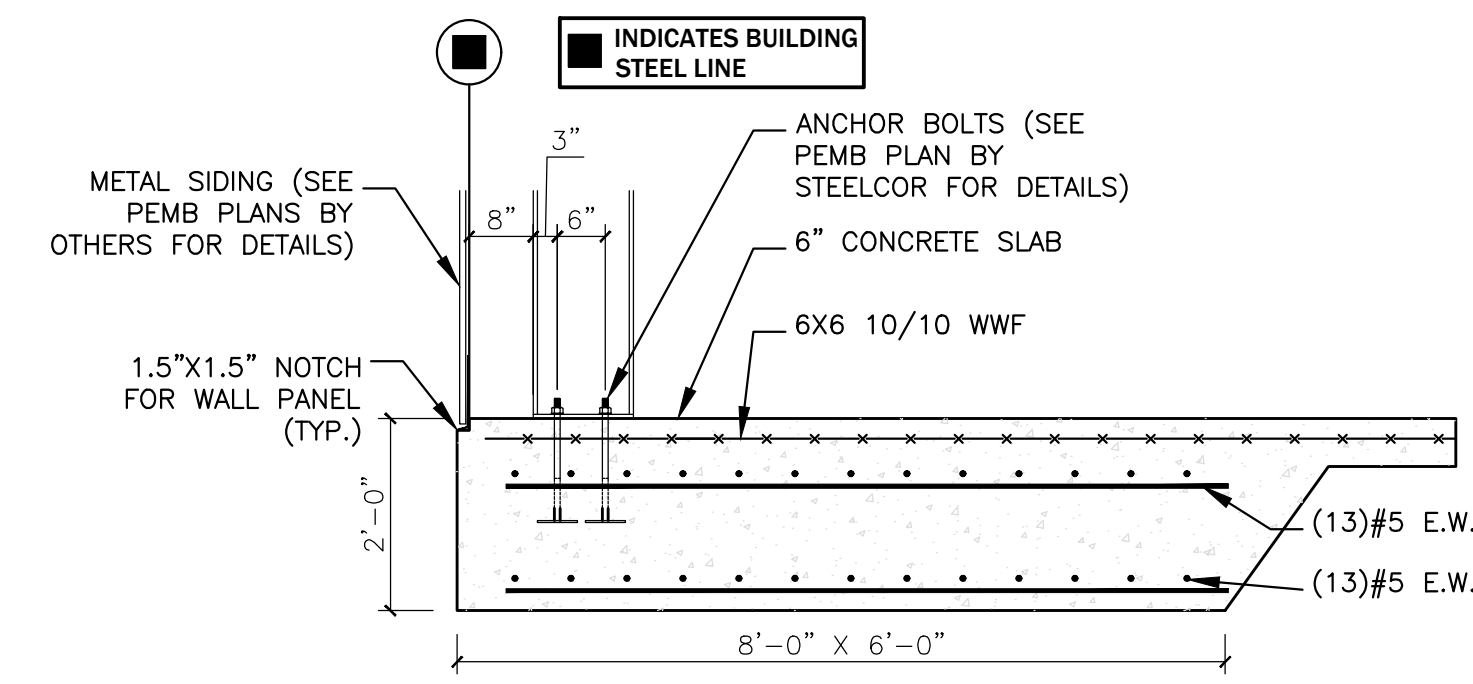
4 FOOTING DETAIL F2 (E)  
 S2 1/2" = 1'-0"



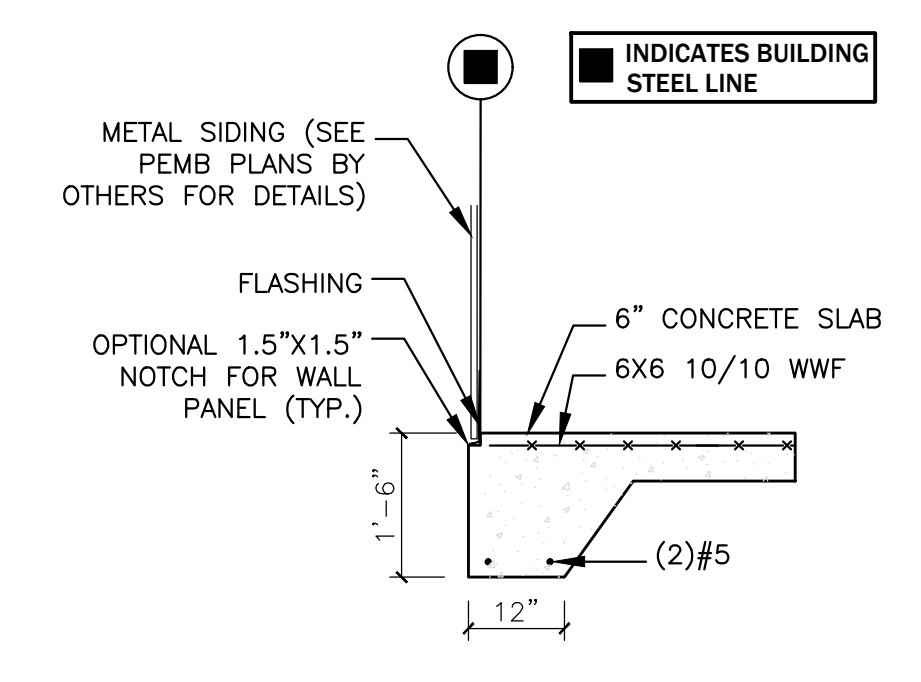
5 FOOTING DETAIL F3 (A)  
 S2 1/2" = 1'-0"



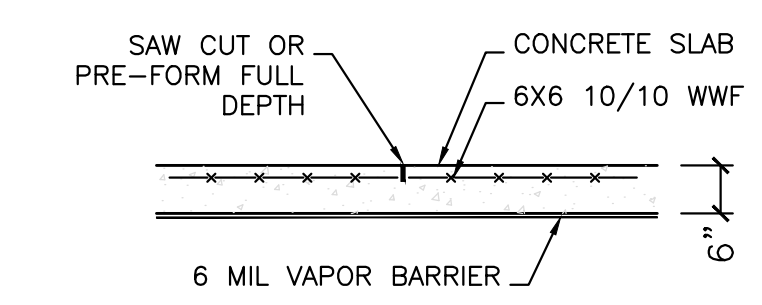
6 FOOTING DETAIL F4 (C)  
 S2 1/2" = 1'-0"



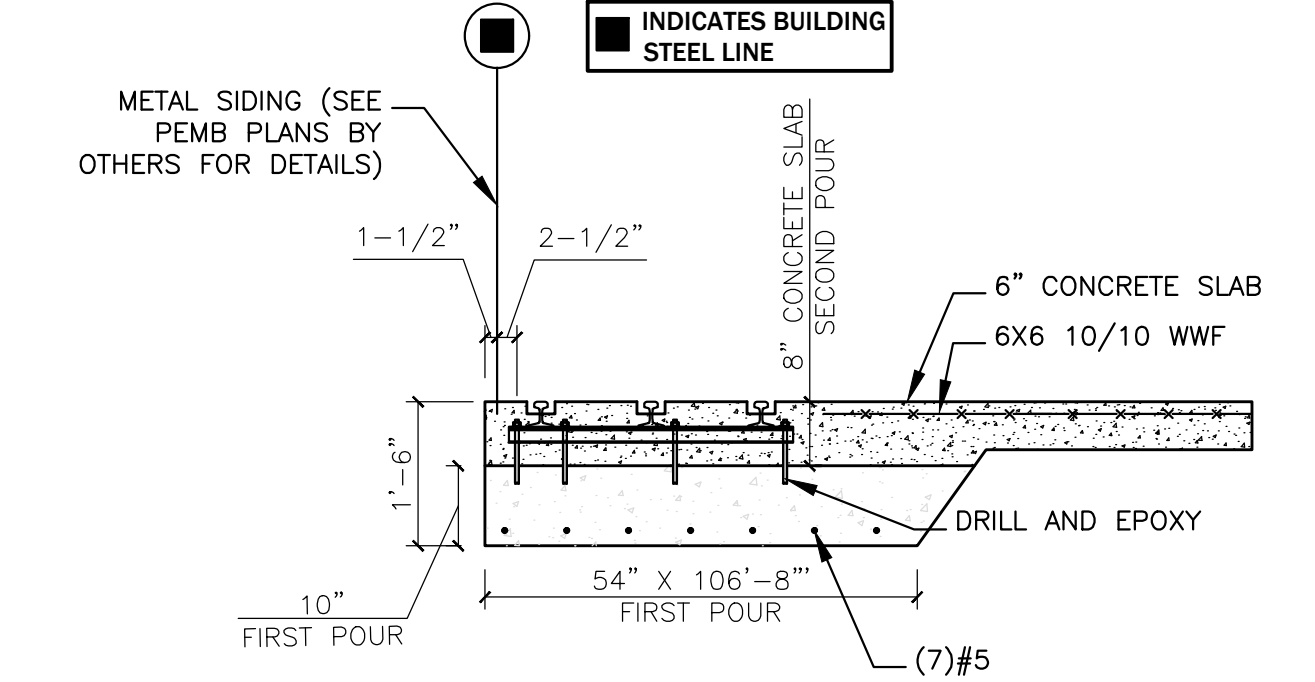
7 FOOTING DETAIL F4 (D)  
 S2 1/2" = 1'-0"



8 PERIMETER FOOTING DETAIL  
 S2 1/2" = 1'-0"



9 CONTROL JOINT DETAIL  
 S2 1/2" = 1'-0"

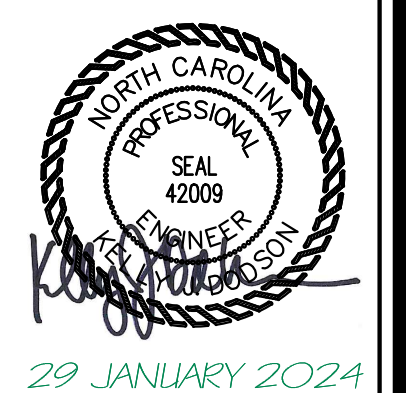


10 HANGAR DOOR ANCHOR BOLT PERIMETER  
 S2

DESIGNED / CHECKED BY: KJD  
 DRAWN BY: BT  
 PROJECT #: 2023-06-09  
 DATE: 29 JANUARY 2024

FINAL DRAWING [ ] FOR REVIEW PURPOSES ONLY  
 PRELIMINARY [ ] FOR DESIGN DEVELOPMENT ONLY  
 FINAL DRAWING [x] FOR CONSTRUCTION

OWNER/TENANT: \_\_\_\_\_  
 CONTRACTOR/BUILDER: \_\_\_\_\_



PROJECT: HARNETT COUNTY AIRPORT HANGAR  
 615 AIRPORT RD. ERWIN, NC 28339

SHEET: FOUNDATION & FOOTING DETAILS

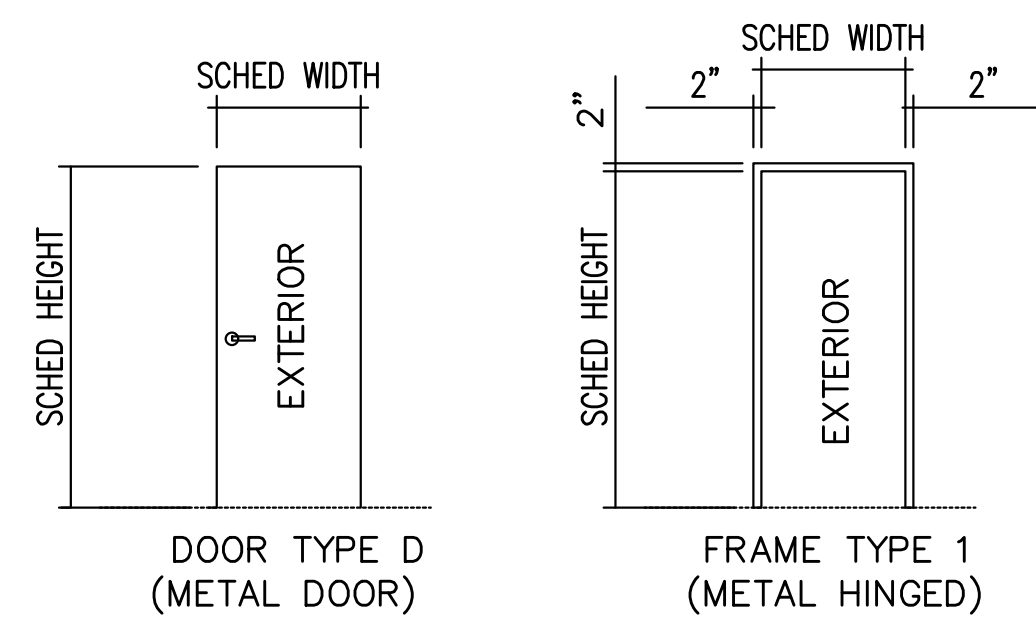
S2

## DOOR SCHEDULE

| DOOR NO | DOOR SIZE       | DOOR  | FRAME |        |     |          |        |             |               |                |             |             |           |        | REMARKS |      |           |             |                  |             |  |  |  |  |                                       |
|---------|-----------------|---|-------|--------|-----|----------|--------|-------------|---------------|----------------|-------------|-------------|-----------|--------|---------|------|-----------|-------------|------------------|-------------|--|--|--|--|---------------------------------------|
|         |                 |   | STYLE | FINISH | TYP | MATERIAL | FINISH | FIRE RATING | ENTRANCE LOCK | STOREROOM LOCK | PASSAGE SET | PRIVACY SET | PANIC SET | CLOSER |         | STOP | THRESHOLD | KICK PLATES | WEATHERSTRIPPING | AIR CURTAIN |  |  |  |  |                                       |
| D01     | 80'-0" X 24'-0" | SEE WELLBILT- HANGAR DOOR DRAWING FOR DETAILS | A     | M      | P   | 1        | M      | P           |               |                |             |             |           |        |         |      |           |             |                  |             |  |  |  |  | 6 PANEL BIPARTING ROLLING HANGAR DOOR |
| D02     | 3'-0" X 7'-0"   | A   | M     | P      | 1   | M        | P      |             |               | X              |             |             |           |        |         |      |           |             |                  |             |  |  |  |  | EXTERIOR HINGED SINGLE DOOR - HANGAR  |
| D03     | 3'-0" X 7'-0"   | A   | M     | P      | 1   | M        | P      |             |               | X              |             |             |           |        |         |      |           |             |                  |             |  |  |  |  | EXTERIOR HINGED SINGLE DOOR - HANGAR  |

NOTE: G.C. TO REVIEW ALL HARDWARE SETS, MATERIAL AND FINISHES WITH OWNER BEFORE ORDER & INSTALLATION

- NOTES:
- APPLY 2 COATS OF SEMI-GLOSS TO ALL WOOD DOORS.
  - ALL EXIT DOORS TO BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, TOOL, SPECIAL KNOWLEDGE OF EFFORT. ALL HARDWARE MUST BE DIRECT ACTING REQUIRING NOT MORE THAN ONE OPERATION.
  - DOOR HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERABLE PARTS ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST TO OPERATE. OPERABLE PARTS OF SUCH HARDWARE SHALL BE 34" MINIMUM AND 48" MAXIMUM ABOVE THE FLOOR PER ICC/ANSI A117.1-2009 SECTIONS 404.2.6& 404.2.7
  - G.C. TO REVIEW ALL HARDWARE SETS WITH OWNER BEFORE INSTALLATION
  - PROVIDE TRANSITION STRIPS AT ALL FLOORING MATERIAL CHANGES
- PASSAGE SET: (CLOSET & HALL) PASSAGE LOCKSETS KEEP DOORS FIRMLY CLOSED, BUT DO NOT ACTUALLY LOCK. BOTH LEVERS ALWAYS TURN FREE WITH NO LOCK CYLINDER OR PROVISION FOR A KEY.
- PRIVACY SET: (RESTROOM) PRIVACY LOCKSETS ARE LOCKED WITH AN INSIDE PUSH-BUTTON. TURNING THE INSIDE KNOB OR LEVER RELEASES THE LOCK. A SMALL SCREWDRIVER CAN BE USED AS AN EMERGENCY KEY, FROM THE OUTSIDE, IF NECESSARY.
- ENTRANCE LOCK: (ENTRY) ENTRANCE LOCKED BY PUSHING AND TURNING A BUTTON AND UNLOCKED BY THE KEY UNTIL THE INSIDE BUTTON IS MANUALLY UNLOCKED. THEY ARE ALSO AVAILABLE WITH PUSHBUTTON LOCKING, IN WHICH PUSHING THE BUTTON LOCKS THE OUTSIDE KNOB OR LEVER UNTIL IT IS UNLOCKED BY KEY OR BY TURNING THE INSIDE KNOB OR LEVER. THE INSIDE KNOB OR LEVER IS ALWAYS FREE FOR IMMEDIATE EXIT.
- \*\*\*\*NOTE: ALL NEW HARDWARE TO BE LEVER ADA ACCEPTABLE ALL THRESHOLDS TO MEET ADA SPECIFICATIONS



### DOOR SCHEDULE LEGEND

| Letter | Property        | Letter | Property                  |
|--------|-----------------|--------|---------------------------|
| H      | HEIGHT          | HM     | HOLLOW METAL              |
| W      | WIDE            | P      | PAIN                      |
| ALUM   | ALUMINUM        | S      | STAIN                     |
| WD     | WOOD-SOLID CORE | M      | METAL                     |
| T      | THICKNESS       | WI     | WROUGHT IRON              |
|        |                 | VA/B   | VERIFY ANODIZED OR BRONZE |

### DOOR & FRAME STYLES

