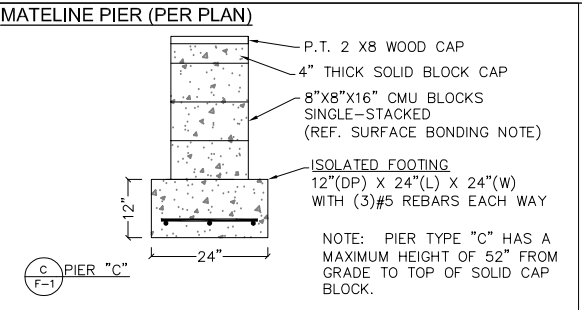
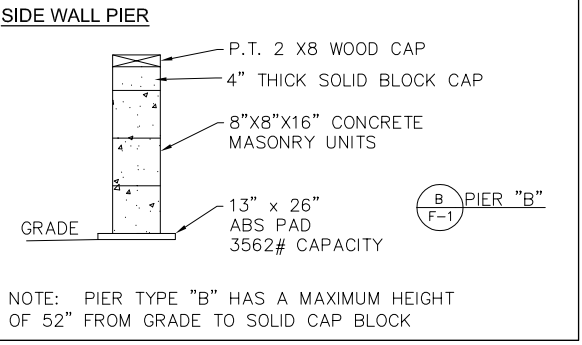
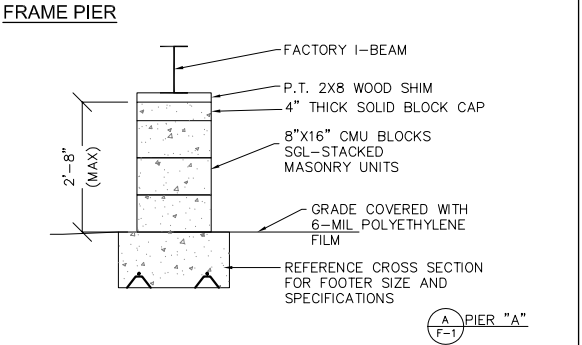
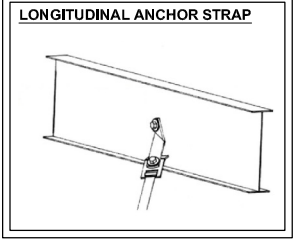


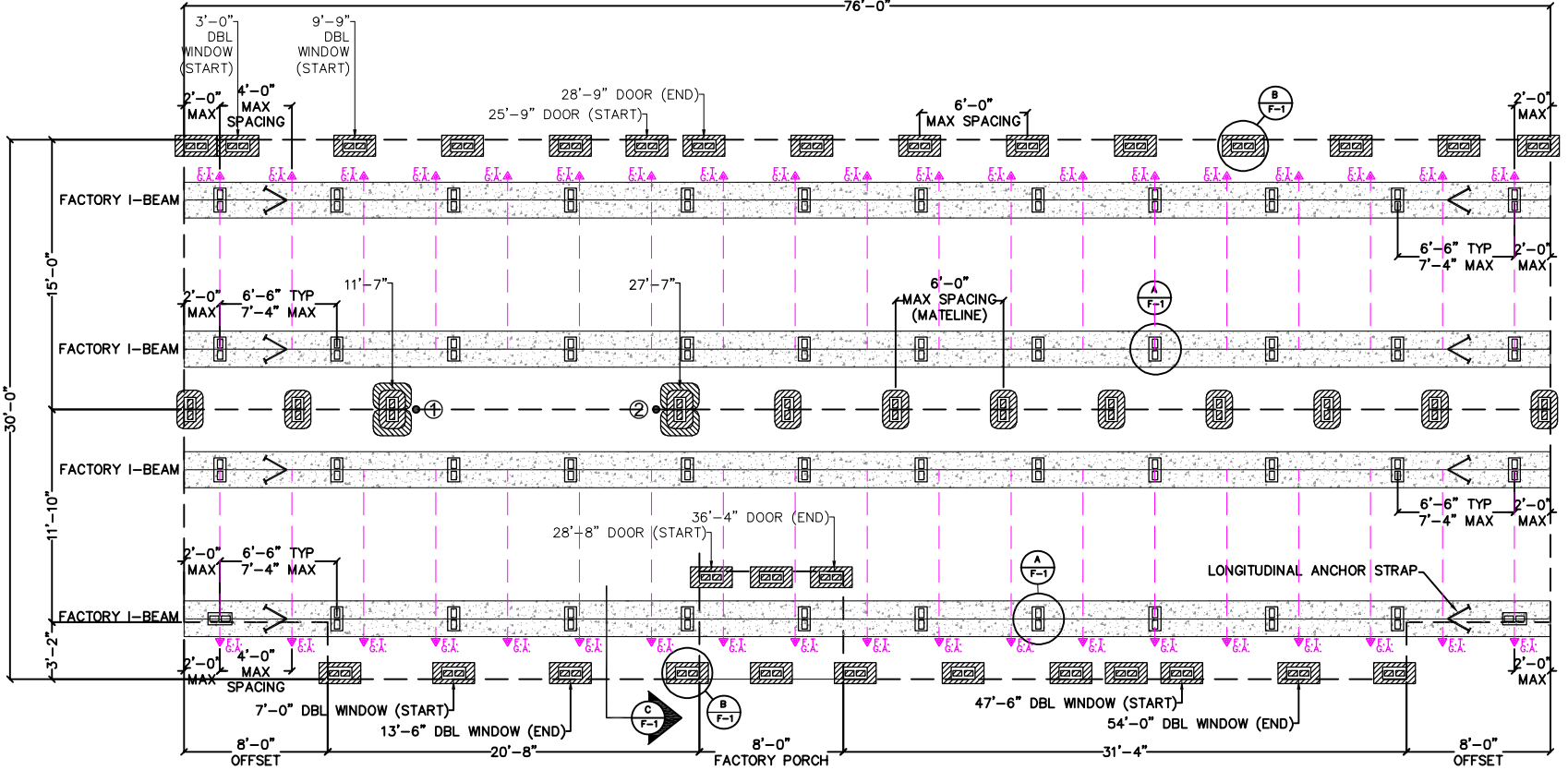


TIE DOWN STRAP SPECIFICATION
ALL TIE- DOWN STRAPS, ETC., SHALL BE TYPE 1 FINISH B, GRADE 1, STEEL STRAPPING 109,000 MINIMUM YIELD STRENGTH, .035" MINIMUM THICKNESS (PLUS OR MINUS .002 IN.-.05MM) FINISH B - HOT-DIPPED GALVANIZED ZINC COATING (ASTM STANDARD 123- 89A): .6 OUNCES PER SQUARE FOOT PER SURFACE, 4750 POUNDS MINIMUM BREAK STRENGTH, MARKED EVERY 12 TO 15 INCHES (MANUFACTURER'S NAME AND ASTM SPEC. D3953-31), 1 1/4" WIDTH.

- FOUNDATION NOTES:**
1. BLOCKING SPACING BASED ON 20PSF LIVE LOAD ON ROOF AND 1500 PSF SOIL BEARING CAPACITY.
 2. CONCRETE BLOCKS ARE ONLY RATED AT 8000 POUNDS, 8000 POUNDS PIERS OR HIGHER MUST BE DOUBLE BLOCKED.
 3. ALL SIDEWALLS ANCHORS ARE SPACED PER PLAN AND FOUR FOOT GROUND ANCHOR MAY BE USED.
 4. ALL TIE DOWN ANCHORS SHALL HAVE A MINIMUM 4,725 LB. ULTIMATE CAPACITY AND SHALL BE INSTALLED PER THE MANUFACTURER'S SPECIFICATIONS.
 5. THE STEEL FRAME OF HOME IS NOT FOR USE OF RELOCATION OF HOME AFTER SETUP, AND IS INTENDED FOR USE AS A PERMANENT FOUNDATION.
 6. ALL PIERS SHOULD BE CONSTRUCTED OF 8"x8"x16" CONCRETE MASONRY UNITS CONFORMING TO ASTM C90
 7. INSTALL BLOCK PIER ON EACH SIDE OF ALL EXTERIOR DOOR OPENINGS.
 8. I-BEAM SUPPORT PIERS MAY BE INSTALLED LATERALLY (90 DEGREES FROM THE ORIENTATION SHOWN ON THE FOUNDATION PLAN). MUST BE LOCATED DIRECTLY BELOW THE I-BEAM CENTERLINE.
 9. WOOD SHIMS MAY BE INSTALLED WHEN NECESSARY BETWEEN THE I-BEAM AND THE TOP OF THE PIER, SHIMS SHALL BE FREE OF KNOTS, SPLITS, AND SIMILAR IMPERFECTIONS. SHIMS SHALL BE P.T. LUMBER, CEDAR, OR ABS AND BEARING AT ALL CONTACT POINTS SHALL NOT BE LESS THAN 2/3 OF THE BEARING PRIOR TO ADDING THE SHIMS.



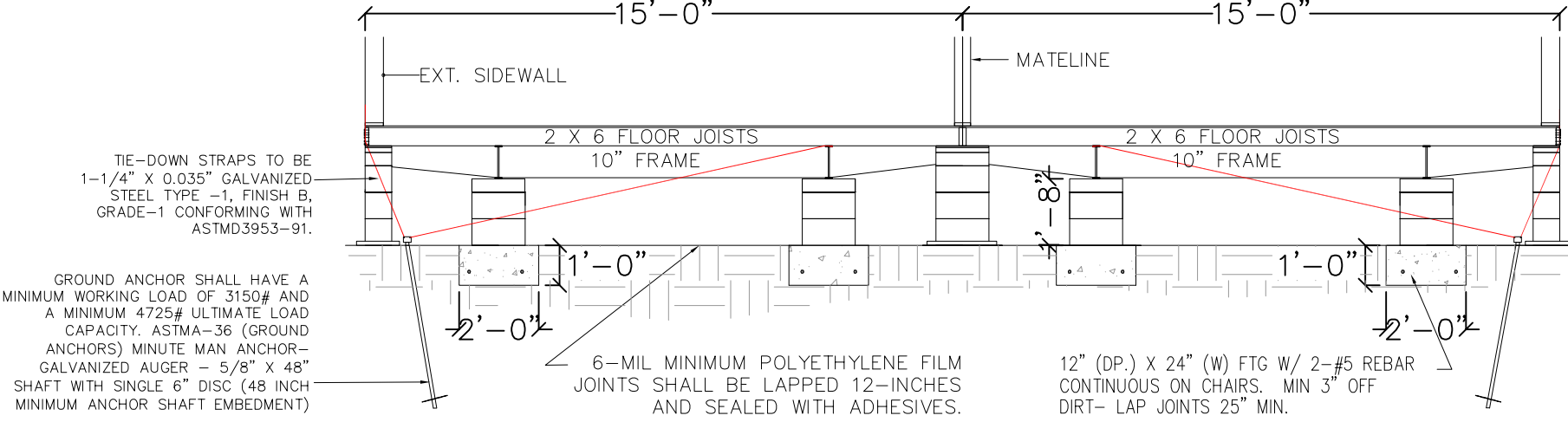
- STRUCTURAL LOAD LIMITATIONS:**
CODE EDITION: 2023 FLORIDA BUILDING CODE (8TH EDITION) & ASCE 7-22
1. ULTIMATE DESIGN WIND SPEED: 120 MPH WIND SPEED
 2. NOMINAL DESIGN WIND SPEED: 93 MPH WIND SPEED
 3. WIND EXPOSURE CATEGORY: "C"
 4. IMPORTANCE FACTOR: 1.0
 5. DESIGN ROOF LIVE LOAD : 20 PSF
 6. DESIGN FLOOR LIVE LOAD: 40 PSF
 7. MIN. ASSUMED SOIL BEARING CAPACITY : 1500 PSF
 8. OCCUPANCY CLASSIFICATION: R3
 9. CONSTRUCTION TYPE: VB
 10. THIS BUILDING IS NOT DESIGNED FOR PLACEMENT IN A HIGH VELOCITY HURRICANE ZONE AS DEFINED BY THE FBC.
 11. THIS BUILDING IS NOT DESIGNED TO BE SUBMERGED OR SUBJECT TO WAVE ACTION WHEN LOCATED IN A FLOOD PRONE OR ZONE AREA. THE BOTTOM OF THE STRUCTURAL I-BEAM MUST BE LOCATED ABOVE THE BUILDING SITE FLOOD PLANE LEVEL FOR THIS BUILDING TO BE LOCATED IN A FLOOD PRONE OR ZONE AREA OR THE GRADE AT THE BUILDING SITE MUST BE ABOVE THE FLOOD PLANE LEVEL.



THE TIE-DOWN STRAPS ARE INSTALLED BY THE MANUFACTURER, AND THEREFORE THE LOCATION OF THE STRAPPING COULD AFFECT THE LOCATION OF THE PIERS BASED UPON THE PROVIDED FOUNDATION PLAN. THE PERIMETER PIERS MAYBE OFFSET FROM THE DESIGN LOCATION IF THEY INTERFERE WITH THE TIE-DOWN STRAP PERIMETER PIERS MUST BE INSTALLED AT ALL PERIMETER PIERS LABELS SPECIFIED BY MANUFACTURER

FBC- RESIDENTIAL R404.1.9
PIER CAP- HOLLOW MASONRY PIERS SHALL BE CAPPED WITH 4 INCHES OF SOLID MASONRY OR CONCRETE, A MASONRY CAP BLOCK, OR SHALL HAVE CAVITIES OF THE TOP COURSE FILLED WITH CONCRETE OR GROUT.

GROUND ANCHOR SPECIFICATIONS
GROUND ANCHOR SHALL HAVE A MINIMUM WORKING LOAD OF 3150# AND A MINIMUM 4725 ULTIMATE LOAD CAPACITY. ASTMA-36 (GROUND ANCHORS) MINUTE MAN ANCHOR- GALVANIZED AUGER 5/8" X 48" SHAFT WITH SINGLE 6" DISC (48 INCH MINIMUM ANCHOR SHAFT EMBEDMENT)



THIS FOUNDATION IS DESIGNED TO SUPPORT THE SUBJECT STRUCTURE AS WELL AS ANCHOR THE STRUCTURE IN A MANNER CONSISTENT WITH THE 2023 FBC REQUIREMENTS FOR A SITE BUILT PERMANENT FOUNDATION AND IS NOT DESIGNED TO BE MOVED ONCE SO ERECTED

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY ROBERT T. HAUG, P.E. #24575 ON THE DATE AND/OR TIME USING A DIGITAL SIGNATURE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED BY THIRD PARTY CERTIFICATE AUTHORITY ON ANY ELECTRONIC COPY. (FAC 61G15-23.004)

06-10-2026
SENYB ENGINEERING, LLC
CA LIC. NO: 30244

COLUMN LOADS:
① = 4620 LBS. ② = 4620 LBS. ③ = 1200 LBS.
④ = 1200 LBS.

SYMBOLS

17.5"x25.5" ABS PAD = 4500 LBS. CAPACITY
24"x24" ABS PAD = 6000 LBS. CAPACITY
(3) 17.5"x25.5" ABS PAD = 9000 LBS. CAPACITY (TOP PAD IS LAID IN THE OPPOSITE DIRECTION TO THE BOTTOM PADS)
13"x26" ABS PAD = 3562 LBS. CAPACITY

F.T. G.A. -FRAME TIE-DOWN FASTENED TO GROUND ANCHOR
-COLUMN ANCHOR STRAP FASTENED TO GROUND ANCHOR
-LONGITUDINAL ANCHOR STRAP LOCATIONS

- FOUNDATION NOTES**
1. ALL UNDERLYING SOIL TO BE CLEAN, FREE OF VEGETATION, OTHER ORGANIC MATTER, UNSTABLE SOILS SUCH AS MUCK, AND OTHER DELETERIOUS MATERIALS..
 2. FOUNDATIONS TO BE PLACED ON UNDISTURBED SOIL OR FILL THAT HAS BEEN COMPACTED TO 95% MAXIMUM DENSITY PER ASTM D- 1557.
 3. CONCRETE TO HAVE A MIN. 28 DAYS @ 3000 P.S.I. MIN. SLUMP OF 5"
 4. REINFORCING STEEL TO BE ASTM- A615 BILLET DEFORMED GRADE 40. PROVIDE A MINIMUM CONCRETE COVER OF 3" ADJACENT TO EARTH AND MIN. LAP FOR #5 RODS TO BE 25"

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Email: engineer@senybenengineering.com
www.senybenengineering.com
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THESE STANDARDS AND PLANS MEET THE 2023 F.B.C. - RESIDENTIAL (8th EDITION)- EXPOSURE "C"

V_{ULT} =ULTIMATE DESIGN WIND SPEED = 120 PH (RISK CATEGORY II BUILDING)
V_{ASD} =NOMINAL DESIGN WIND SPEED = 93 MPH (RISK CATEGORY II BUILDING) (TABLE 1609.3.1)

ROBERT T. HAUG, P.E. # 24575
50 W. CENTRAL AVE. SUITE B
LAKE WALES, FL 33853
OFFICE: 863-589-5980

HERCULES MHS

TSIES
SENYB ENGINEERING SERVICES
An Engineering and Design Company

DRAWING INFORMATION

NAME: C.C.C.
DATE: 06-10-2026
SCALE: NOT PRINTED TO SCALE

CUSTOMER: DAWN & JULIE BROWN
ADDRESS: 230 SW GLADEOLA CT., FT. WHITE, FL 32038
MANUFACTURER: TIMBER CREEK - 30'-0" X 76'-0" (ON-FRAME)
FOUNDATION PLAN
PROVIDED BY
Senyb Engineering Services
LAKE WALES, FLORIDA 33853

DESIGNED FOR 20 PSF ROOF LIVE LOAD AND 1500 PSF SOIL BEARING CAPACITY

F-1

SHEET 1 OF 1