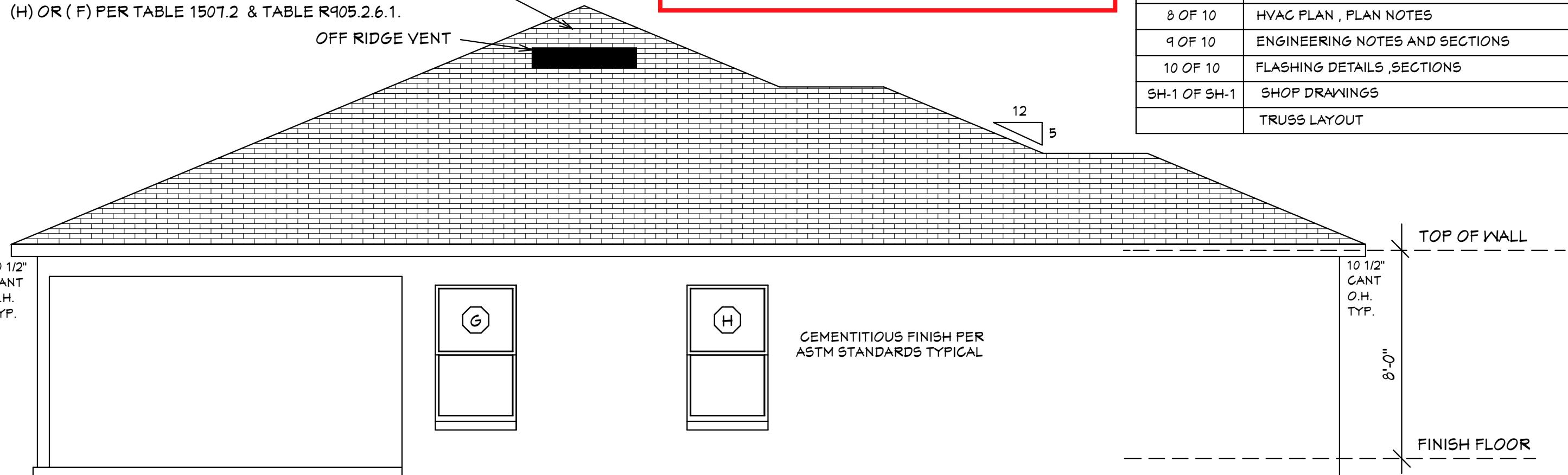
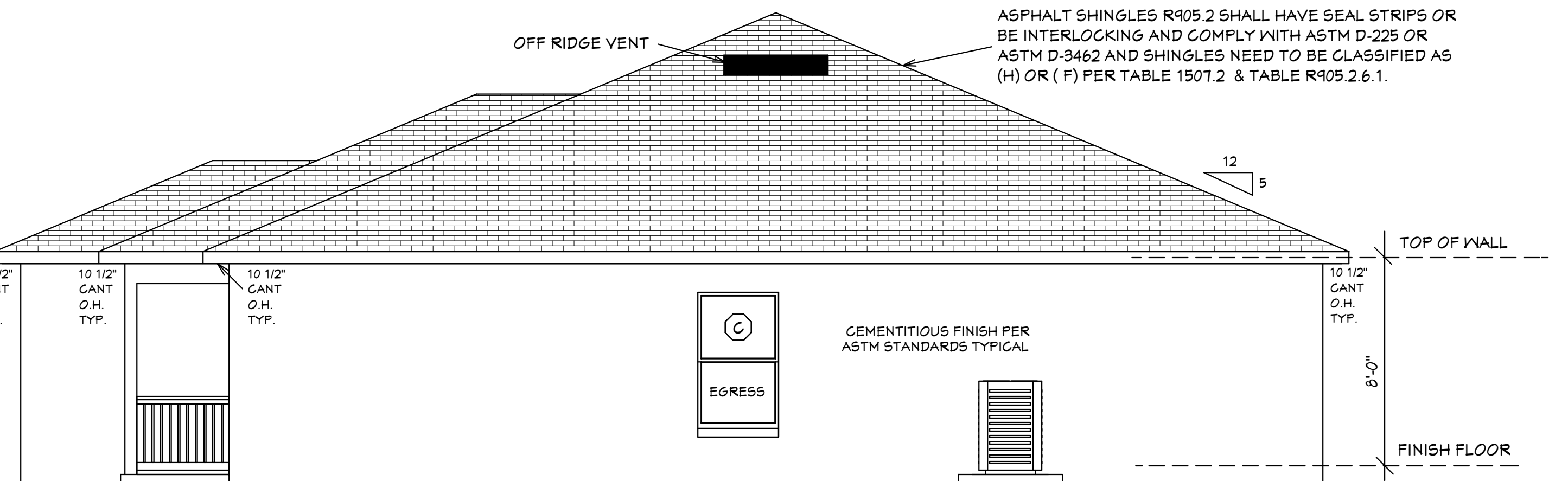


ASPHALT SHINGLES R905.2 SHALL HAVE SEAL STRIPS OR BE INTERLOCKING AND COMPLY WITH ASTM D-225 OR ASTM D-3462 AND SHINGLES NEED TO BE CLASSIFIED AS (H) OR (F) PER TABLE 1507.2 & TABLE R905.2.6.1.



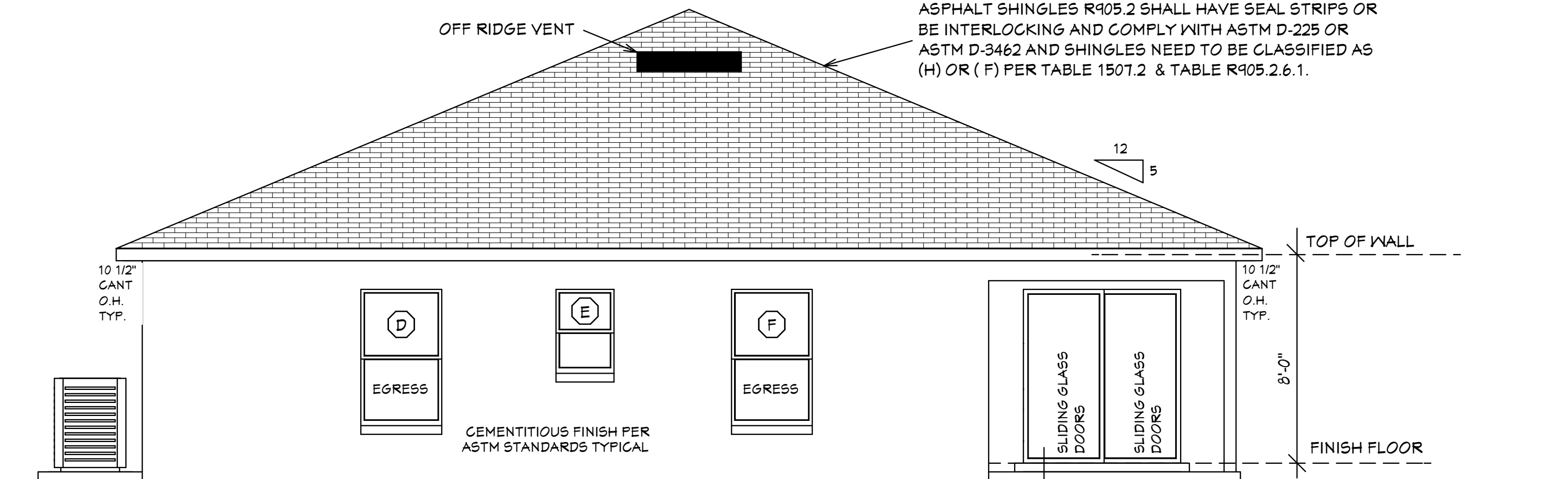
CEMENTITIOUS FINISH (TYPICAL AT ALL ELEVATIONS)
TOP OF ALL WINDOWS AND DOORS AT 6'-8" A.F.F. U.N.O.

LEFT SIDE ELEVATION



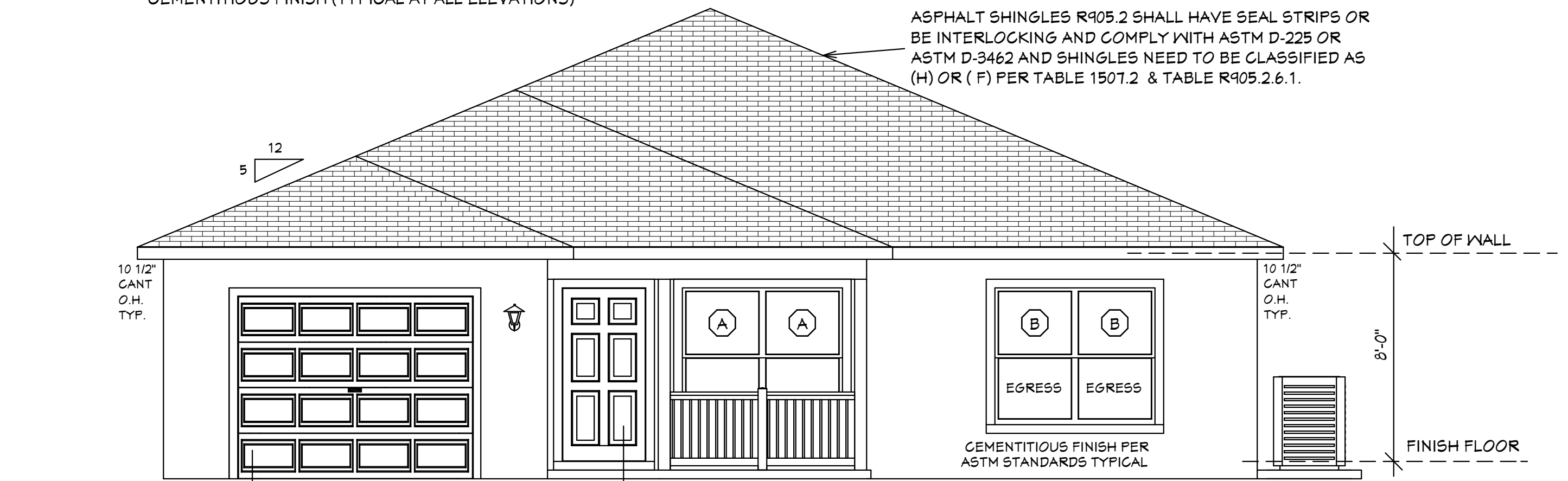
DECORATIVE NON-STRUCTURAL RAILING
CEMENTITIOUS FINISH (TYPICAL AT ALL ELEVATIONS)
TOP OF ALL WINDOWS AND DOORS AT 6'-8" A.F.F. U.N.O.

RIGHT SIDE ELEVATION



TOP OF ALL WINDOWS AND DOORS AT 6'-8" A.F.F. U.N.O.
CEMENTITIOUS FINISH (TYPICAL AT ALL ELEVATIONS)

BACK ELEVATION



TOP OF GARAGE DOOR AT 7'-0" TALL U.N.O.
TOP OF ALL WINDOWS AND DOORS AT 6'-8" A.F.F. U.N.O.
CEMENTITIOUS FINISH (TYPICAL AT ALL ELEVATIONS)

DECORATIVE NON-STRUCTURAL RAILING

FRONT ELEVATION

EXTERIOR ELEVATIONS

TRUSS LIABILITY EXCLUSION NOTE

Quattrone and Associates, Inc. (QAI) did not prepare or design the truss plans attached to this file. The engineer of record on the truss plan is responsible for the truss engineering, reactions and uplifts. QAI is only referencing the truss plans for the purpose of designing the building structure. The contractor / owner is responsible for reviewing the truss plan to determine the design, details, dimensions, and the accuracy of the truss plans in accordance with the building design. QAI will not be liable for any errors in the truss design.

SHEET #	PLAN SCHEDULE
1 OF 10	EXTERIOR ELEVATIONS, ROOF PLANE PLAN, SECTIONS
2 OF 10	FOUNDATION PLAN, WALL SECTION, AND SECTIONS
3 OF 10	PLUMBING PLAN, PLUMBING ISOMETRICS
4 OF 10	PLUMBING DETAILS SHEET
5 OF 10	DIMENSIONAL FLOOR PLAN, SOFFIT DETAIL AND SECTIONS
6 OF 10	NOTED FLOOR PLAN, SCHEDULES, AND SECTIONS
7 OF 10	ELECTRICAL PLAN, ELECTRICAL SCHEDULE AND SECTIONS
8 OF 10	HVAC PLAN, PLAN NOTES
9 OF 10	ENGINEERING NOTES AND SECTIONS
10 OF 10	FLASHING DETAILS, SECTIONS
SH-1 OF SH-1	SHOP DRAWINGS
	TRUSS LAYOUT

DESIGN PARAMETERS:

APPLICABLE CODES:

BUILDING CODE = (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE BUILDING 2023
MECHANICAL CODE = (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, MECHANICAL 2023
PLUMBING CODE = (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, PLUMBING 2023

ELECTRICAL CODE = NEC 2020
FLORIDA FIRE PREVENTION CODE = 8TH EDITION
LIFE SAFETY CODE = NFPA 101 8TH EDITION

ACCESSIBILITY CODE = (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, BUILDING 2023
ENERGY CODE = (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, BUILDING 2023

METHOD OF DESIGN:

DESIGNED PURSUANT TO (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, BUILDING 2023, CHAPTER 3 AND SECTION 1604 OF THE (8TH EDITION) OF THE 2023 FLORIDA BUILDING CODE

BASIC WIND SPEED:

- ☐ 170 MPH (ULTIMATE DESIGN) = 132.0 MPH (NOMINAL DESIGN)
☒ 160 MPH (ULTIMATE DESIGN) = 124 MPH (NOMINAL DESIGN)
☐ 150 MPH (ULTIMATE DESIGN) = 116 MPH (NOMINAL DESIGN)
- IMPORTANCE FACTOR/COMPONENTS AND CLADDING:
☐ 0.71 (RISK CATEGORY I)
☒ 1.00 (RISK CATEGORY II)
☐ 1.15 (RISK CATEGORY III)
☐ 1.15 (RISK CATEGORY IV)

BUILDING OCCUPANCY CLASSIFICATION:

- ☐ GROUP A - ASSEMBLY
☐ GROUP B - BUSINESS
☐ GROUP D - DAY CARE CENTER
☐ GROUP E - EDUCATIONAL
☐ GROUP F - FACTORY INDUSTRIAL
☐ GROUP I - INSTITUTIONAL
☐ GROUP M - MERCANTILE
☒ GROUP R - RESIDENTIAL
☐ GROUP S - STORAGE

TORNADO BASIC WIND SPEED:

- ☒ RISK CATEGORY II = N/A
☐ 170 MPH (NORMAL DESIGN F3-SECOND GUST)
☐ 160 MPH (NORMAL DESIGN F3-SECOND GUST)
☐ 150 MPH (NORMAL DESIGN F3-SECOND GUST)

RAIN FALL INFORMATION:

- ☒ N/A SLOPED ROOF GREATER THAN 2/12
☐ RAINFALL DATA FROM FBC PLUMBING 2023 FIGURE 1106.1 IN./HR.
☐ ROOF AREA IN SF.

BUILDING CONSTRUCTION TYPE:

- ☐ TYPE I
☐ TYPE II
☐ TYPE III
☒ TYPE IV
☒ TYPE V

EXPOSURE CATEGORY:

- ☐ A
☒ B
☐ C
☐ D

WINDBORNE DEBRIS REGION:

- ☐ NO
☒ YES

- ☐ IMPACT RESISTANT GLAZING
☐ IMPACT RESISTANT COVERING
☒ COMBINATION OF IMPACT RESISTANT GLAZING & COVERING

INTERNAL PRESSURE COEFFICIENTS:

- ☐ 0.00 (OPEN)
☒ +0.18, -0.18 (ENCLOSED)
☐ +0.55, -0.55 (PARTIALLY ENCLOSED)

CLASSIFICATION OF WORK:

- ☐ ALTERATION
☐ LEVEL 1
☐ LEVEL 2
☐ LEVEL 3
☒ NEW CONSTRUCTION
☐ CHANGE OF OCCUPANCY
☐ ADDITION / REMODEL
☐ HISTORIC BUILDING

DESIGN LOAD BEARING

VALUE OF SOIL 2000 PSF

GENERAL NOTES

1. CONTRACTOR TO VERIFY ALL DIMENSIONS PRIOR TO START OF CONSTRUCTION. DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.

2. MASONRY CONTRACTOR TO VERIFY MASONRY OPENING DIMENSIONS FOR ALL WINDOWS, SLIDING GLASS DOORS, & ENTRY DOORS, AS SHOWN ON THESE PLANS, WITH THE DOOR AND WINDOW MANUFACTURER PRIOR TO CONSTRUCTION.

3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHECK THESE PLANS FOR DIMENSIONAL ERRORS, AND/OR OMISSIONS PRIOR TO CONSTRUCTION. IF ANY ERRORS OR OMISSIONS EXIST IN THE DRAWINGS OR SPECIFICATIONS, THE CONTRACTOR SHALL NOTIFY HICKS DRAFTING & DESIGN, IN WRITING, WITHIN 10 DAYS OF RECEIPT OF PLANS, AND PRIOR TO ANY CONSTRUCTION. CONTRACTOR ASSUMES ALL THE RESPONSIBILITY FOR THE RESULTS AND ALL THE COSTS OF RECTIFYING THE SAME.

4. HICKS DRAFTING & DESIGN DOES NOT ASSUME ANY RESPONSIBILITY FOR SUPERVISION OF CONSTRUCTION. CONTRACTOR TO ADHERE STRICTLY TO THE (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, CHAPTER 3, AND SECTION 1604 OF THE (8TH EDITION) OF THE 2023 FLORIDA BUILDING CODE, TOGETHER WITH LOCAL AMENDMENTS, AND ALL OTHER APPLICABLE STATE, COUNTY, AND LOCAL STATUTES, ORDINANCES, REGULATIONS, AND RULES.

PLAN REVISION NOTES 10-05-2024:

1. PROVIDED DESIGN PRESSURES FOR ROOF PRODUCTS. REFER TO PRODUCT APPROVAL SHEET LOCATED ON SHEET 8 OF 10

2. REVISED DESIGN PRESSURES FOR KAYCAN SOFFITS. REFER TO PRODUCT APPROVAL SHEET LOCATED ON SHEET 8 OF 10

3. SEE ATTACHED SIGNED ENERGY DISPLAY CARD

4. ONLY ONE OUTLET REQUIRED IN GARAGE. ONE BAY GARAGE REFER TO SHEET ELECTRICAL PLAN LOCATED ON SHEET 7 OF 10

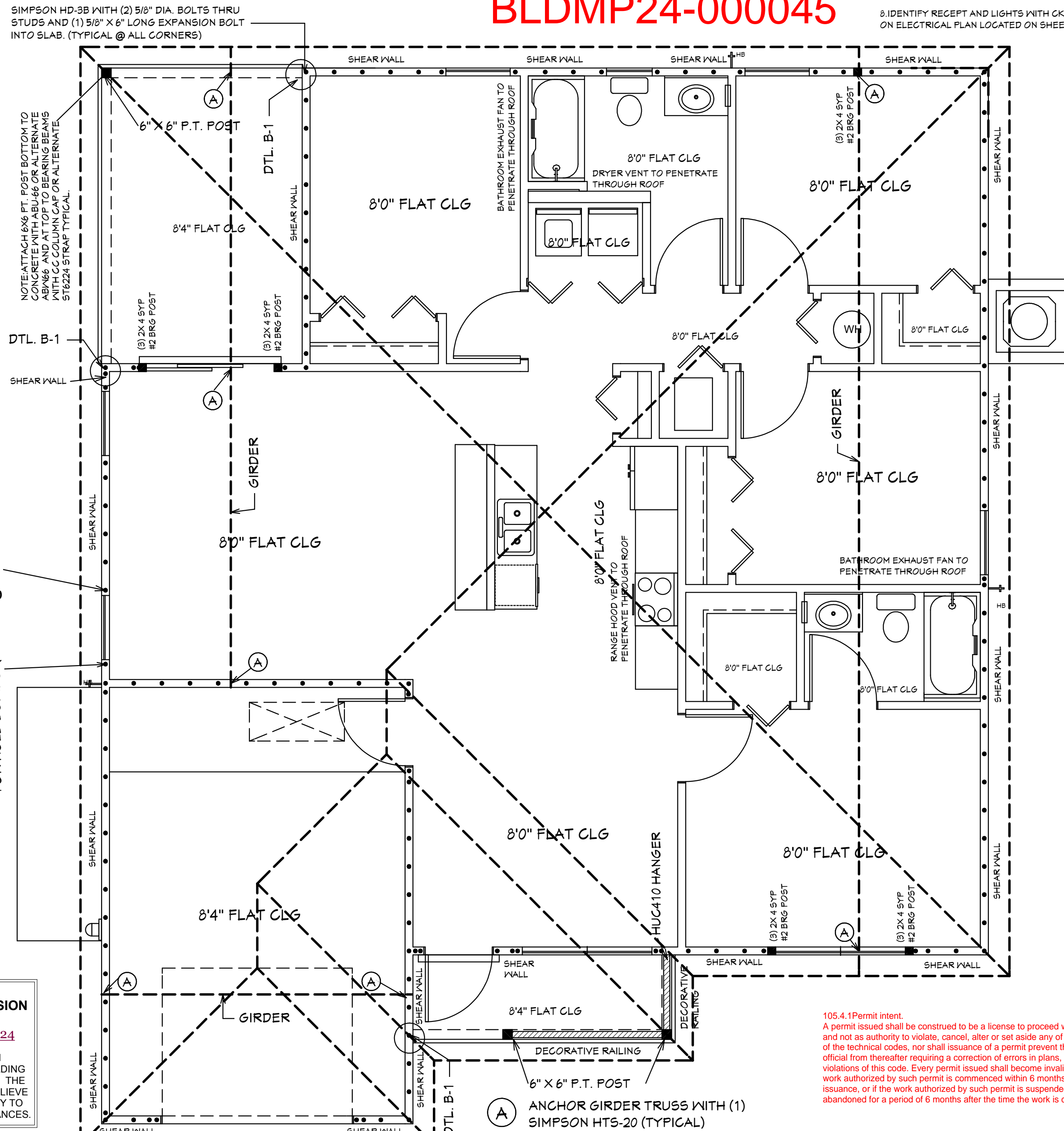
5. LAUNDRY ROOM ADDED 6" OUTLET. REFER TO ELECTRICAL PLAN LOCATED ON SHEET 7 OF 10

6. WIRING METHOD NOTE ADDED ON SHEET 7 OF 10

7. GROUNDING ELECTRODE ADDED ON ELECTRICAL PLAN REFER TO GARAGE AREA ON SHEET 7 OF 10

8. IDENTIFY RECEPT AND LIGHTS WITH GKT NUMBERS ON ELECTRICAL PLAN LOCATED ON SHEET 7 OF 10

BLDMP24-000045



NOTE: ALL EXTERIOR WALLS ARE 3 1/2" WIDE WOOD WALLS WITH 15/32" PLYWOOD EXTERIOR AND 1/2" DRYWALL INSIDE (4 1/2" TOTAL.) UNLESS NOTED DIFFERENT.

NOTE: ALL INTERIOR WALLS ARE 4 1/2" AND 6 1/2" WIDE WOOD WALLS. UNLESS NOTED DIFFERENT.

CONTRACTOR IS RESPONSIBLE FOR VERIFYING ROUGH OPENINGS AND SIZES OF ALL DOORS AND WINDOWS BEFORE STARTING CONSTRUCTION.

ROOF PLANE PLAN

NOTE: ATTACH 6X6 FT. POST BOTTOM TO CONCRETE WITH ABU-66 OR ALTERNATE ABU-66. AND AT TOP TO BEARING BEAMS WITH GC COLUMN CAP OR ALTERNATE ST6224 STRAP TYPICAL.

105-4.1 Permit intent.

A permit issued shall be construed to be a license to proceed with the work and not as authority to violate, cancel, alter or set aside any of the provisions of the technical codes, nor shall issuance of a permit prevent the building official from thereafter requiring a correction of errors in plans, construction or violations of this code. Every permit issued shall become invalid unless the work authorized by such permit is commenced within 6 months after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 6 months after the time the work is commenced.

36" HIGH DEC VINYL RAILING NON GUARDRAIL. OPENING WILL RESIST 4" SPHERE. ATTACH PER MANUFACTURERS SPECIFICATIONS.

5/12 PITCH ROOF
2X4 TOP CHORD
10 1/2" CANT PLUMB OVERHANG
TRUSS BEARING AT 8'-0" ELEV. A.F.F. TYPICAL
160 MPH WIND LOAD
40 LBS LOADING/ASPHALT SHINGLES

Alfred Quattrone
Digitally signed by Alfred Quattrone
Date: 2024.10.07 13:20:04

At Quattrone, Professional Engineer, State of Florida, License No. 52341.
This item has been digitally signed and sealed by Alfred Quattrone, P.E. on 10/07/2024.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Quattrone & Associates, Inc.
Engineers, Planners, & Development Consultants
4501 Venus Boulevard, Fort Myers, FL 33916 (239) 956-0222
QUATTRONE P.E. #25241

COMPLIANCE STATEMENT
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REVISIONS:

08-08-2024

10-05-2024

HICKS DRAFTING & DESIGN
4216 5TH STREET W
LEHIGH ACRES, FL. 33471
CELL: (239) 462-2734
E-MAIL: DHICKS928@AOL.COM

BUILDER: HABITAT FOR HUMANITY
4 BEDROOM 2 BATH HOME / 160 MPH WIND LOADING
NEW HOUSE FOR:
LOT - / BLOCK - / UNIT - / SECTION - EAST
TOWNSHIP - SOUTH/RANGE -
STRAP# -
ADDRESS:

DRAWN BY

DAVID HICKS

DATE: 03-29-2021

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

JOB # 2024-046

SHEET

1 OF 10
SHEET

MASTER PLAN
I AL QUATTRONE APPROVE OF REPETITIVE USE OF PLANS FOR PERMITTING
CAPE PALM 2 4/21 MODEL / LEFT HAND GARAGE / MONO FOOTER / 2023 CODE / 10 1/2" CANT

10-05-2024 REVISIONS

GENERAL NOTES
1. CONTRACTOR TO VERIFY ALL DIMENSIONS PRIOR TO START OF CONSTRUCTION. DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
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NOTE: MASTER PLANS
FEMA FLOOD ZONES CONSTRUCTION
NEW CONSTRUCTION OF ANY RESIDENTIAL STRUCTURE SHALL HAVE THE LOWEST FLOOR OR CONCRETE SLAB, INCLUDING GARAGE OR BASEMENT AND A/C UNIT AND ALL EQUIPMENT, ELEVATED TO FINISH FLOOR ELEV. OR ABOVE THE BASE FLOOD ELEVATION PLUS 1 FOOT. THIS SHALL APPLY TO HOUSES OR MANUFACTURED HOMES THAT ARE TO BE PLACED OR SUBSTANTIALLY IMPROVED ON SITES IN A NEW MANUFACTURED HOME PARK OR SUBDIVISION LCD CHAPTER 6, ARTICLE IV FLOOD HAZARD REDUCTION.

THIS RESIDENCE MAY NOT BE BUILT WITHIN 6' OF ANOTHER STRUCTURE OR 50' FROM ANY PROPERTY LINE PER SECTION R302.1(1) (INCLUDING OVERHANGS)

REVIEWED FOR
**PLUMBING CODE COMPLIANCE
WITH THE CAPE CORAL
BUILDING DIVISION**
BY: JM DATE: 10/25/2024
ALL PLUMBING INSTALLATIONS SHALL BE IN COMPLIANCE WITH THE FLORIDA BUILDING CODE, STATE AND LOCAL CODES. THE GRANTING OF A PERMIT DOES NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY TO COMPLY WITH ALL CODES AND ORDINANCES.

Alfred Quattrone

Digitally signed by Alfred Quattrone
Date: 2024-10-07 13:19:32
Al Quattrone, Professional Engineer, State of Florida, License No. 52341
This item has been digitally signed and sealed by Al Quattrone, P.E. on 10/07/2024
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Quattrone & Associates, Inc.

Engineers, Planners, & Development Consultants
4501 Venusia Boulevard, Suite 100
Fort Myers, FL 33916 (239) 936-5522
AL QUATTRONE P.E. #52341

COMPLIANCE STATEMENT

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REVISIONS:
08-08-2024
10-05-2024

HICKS DRAFTING & DESIGN
4216 5TH STREET W
LEHIGH ACRES, FL 33471
CELL: (239) 462-2734
E-MAIL: DHICKS928@AOL.COM

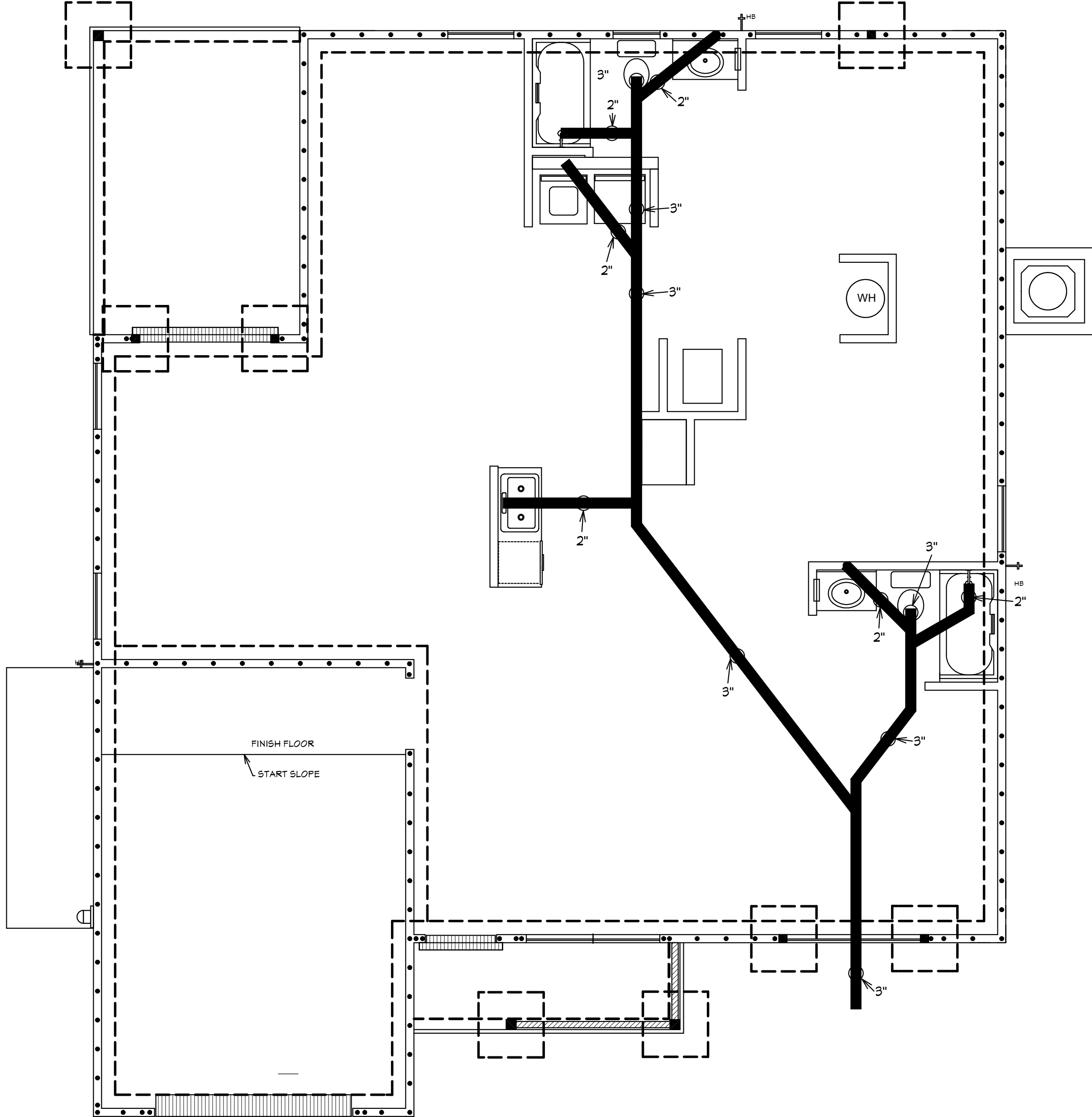
BUILDER: HABITAT FOR HUMANITY
4 BEDROOM 2 BATH HOME / 160 MPH WIND LOADING
NEW HOUSE FOR:
LOT- / BLOCK- / UNIT- / SECTION- EAST
TOWNSHIP- SOUTH/RANGE-
STRAP#
ADDRESS:

DRAWN BY
DAVID HICKS
DATE: 03-29-2021
SCALE: 1/4"=1'0"
JOB # 2024-046

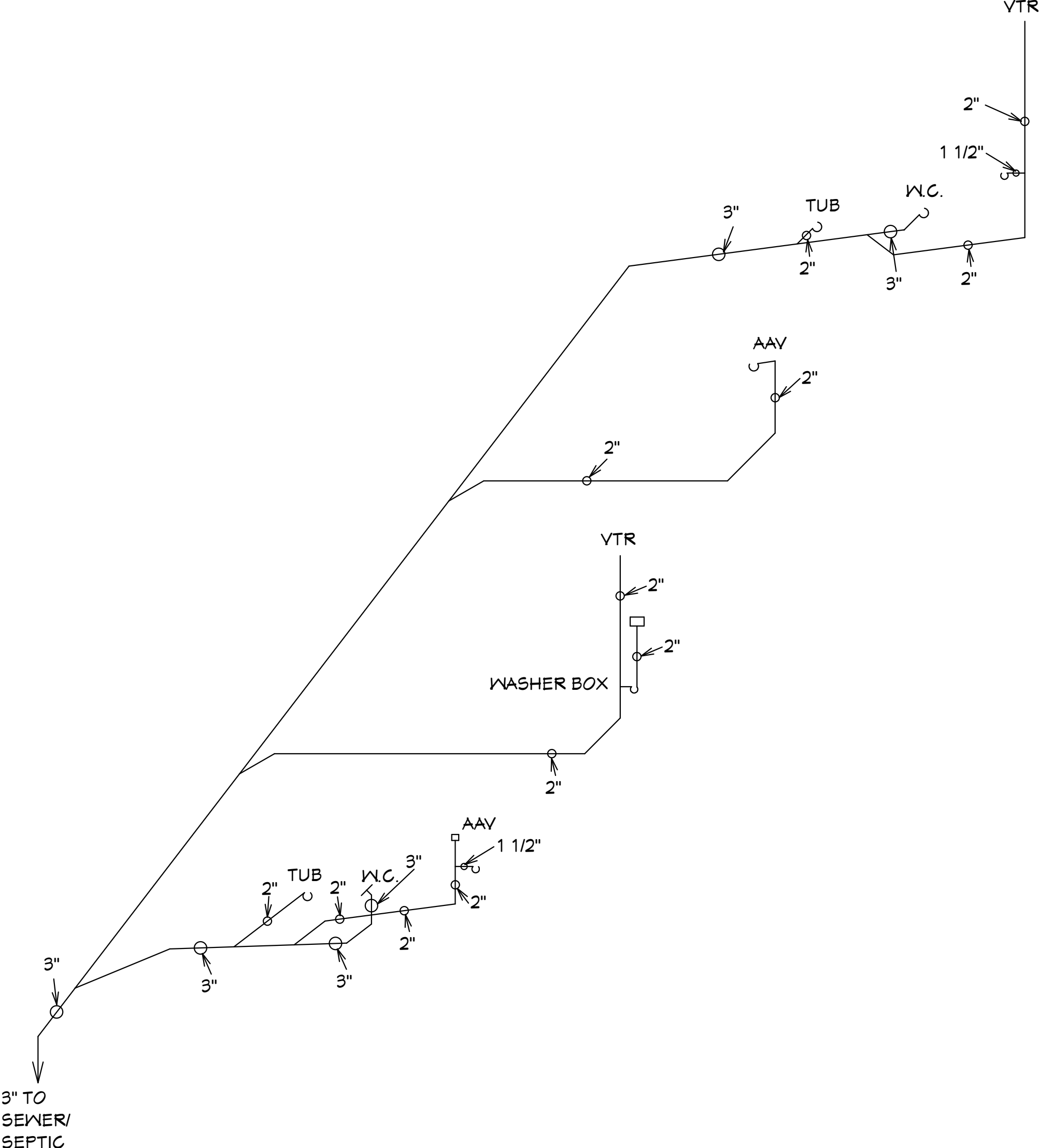
SHEET
3 OF 10
SHEET

CAPE PALM 2 4/21 MODEL / LEFT HAND GARAGE / MONO FOOTER / 2023 CODE / 10 1/2" CANT

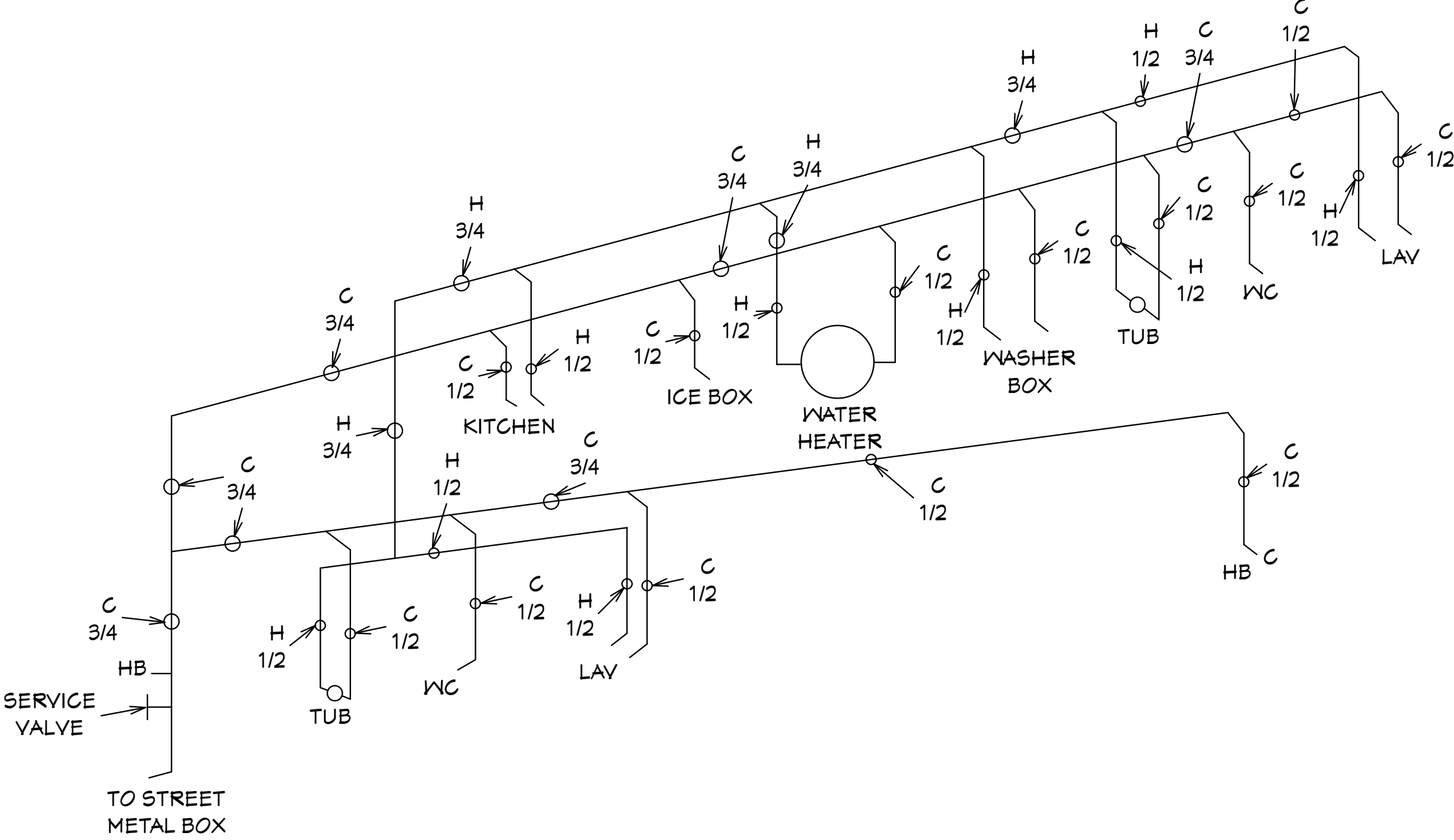
10-05-2024 REVISIONS



PLUMBING FLOOR PLAN



PLUMBING OUT GOING ISOMETRIC



PLUMBING IN COMING ISOMETRIC

REVIEWED FOR
PLUMBING CODE COMPLIANCE
WITH THE CAPE CORAL
BUILDING DIVISION

BY: JM DATE: 10/25/2024

ALL PLUMBING INSTALLATIONS SHALL BE IN COMPLIANCE WITH THE FLORIDA BUILDING CODE, STATE AND LOCAL CODES. THE GRANTING OF A PERMIT DOES NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY TO COMPLY WITH ALL CODES AND ORDINANCES.

GENERAL NOTES

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Alfred Quattrone

Digitally signed by Alfred Quattrone
Date: 2024.10.27 13:19:16

Al Quattrone, Professional Engineer, State of Florida, License No. 52741
This item has been digitally signed and sealed by Al Quattrone, P.E. on 10/27/2024

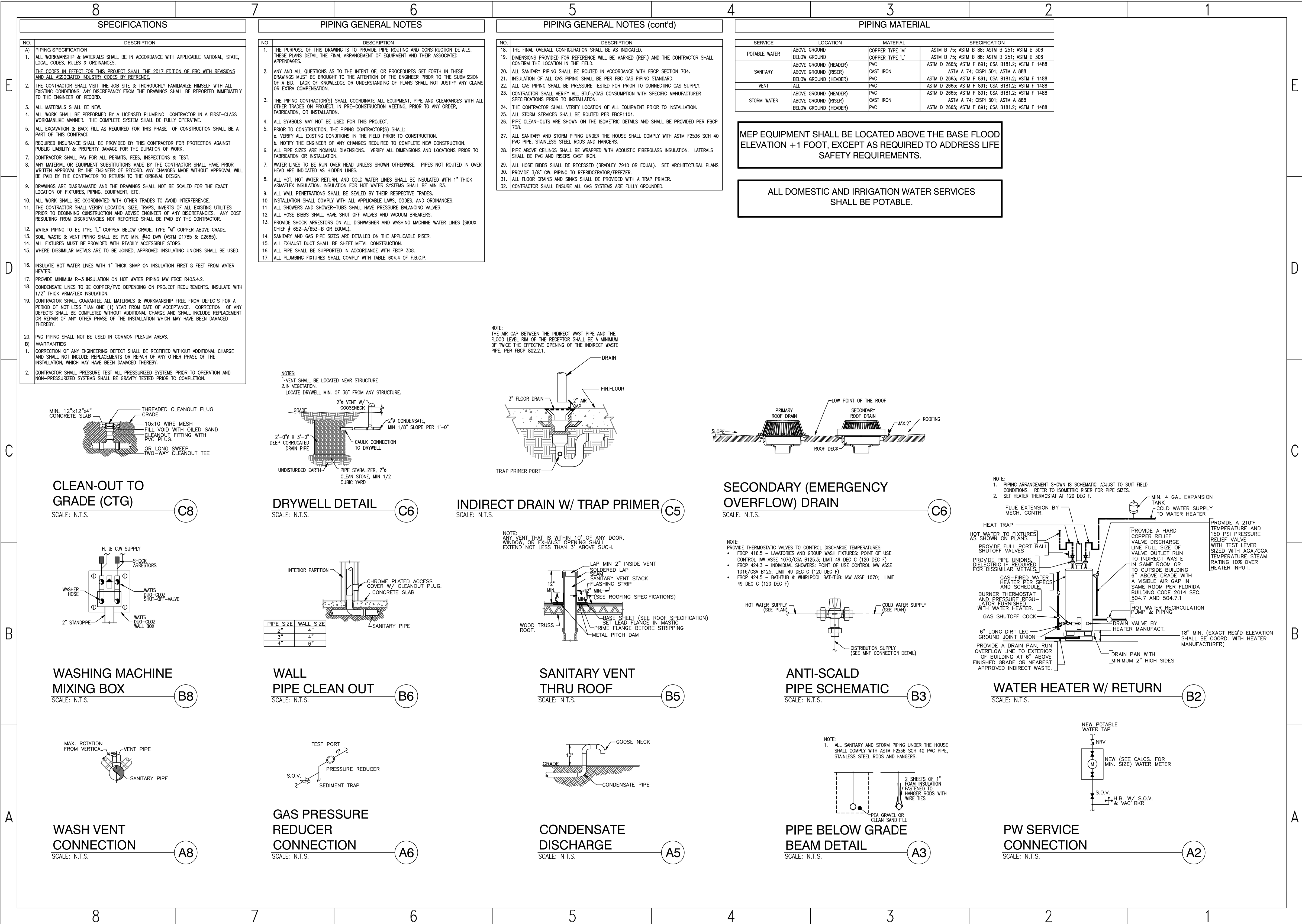
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4501 Venusia Boulevard, Suite 100
Fort Myers, FL 33916 (941) 936-5122
AL QUATTRONE, P.E. #52741

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10-05-2024



CAPE PALM 2 4/21 MODEL / LEFT HAND GARAGE / MONO FOOTER / 2023 CODE / 10 1/2" CANT

10-05-2024 REVISIONS

REVISIONS:

08-08-2024

10-05-2024

HICKS DRAFTING & DESIGN

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LEHIGH ACRES, FL 33971

CELL: (239) 462-2734

E-MAIL: DHICKS928@AOL.COM

BUILDER: HABITAT FOR HUMANITY

4 BEDROOM 2 BATH HOME / 160 MPH WIND LOADING

NEW HOUSE FOR:

LOT - / BLOCK - / UNIT - / SECTION - EAST

TOWNSHIP - SOUTH/RANGE -

STRAP#

ADDRESS:

DRAWN BY

DAVID HICKS

DATE: 03-29-2021

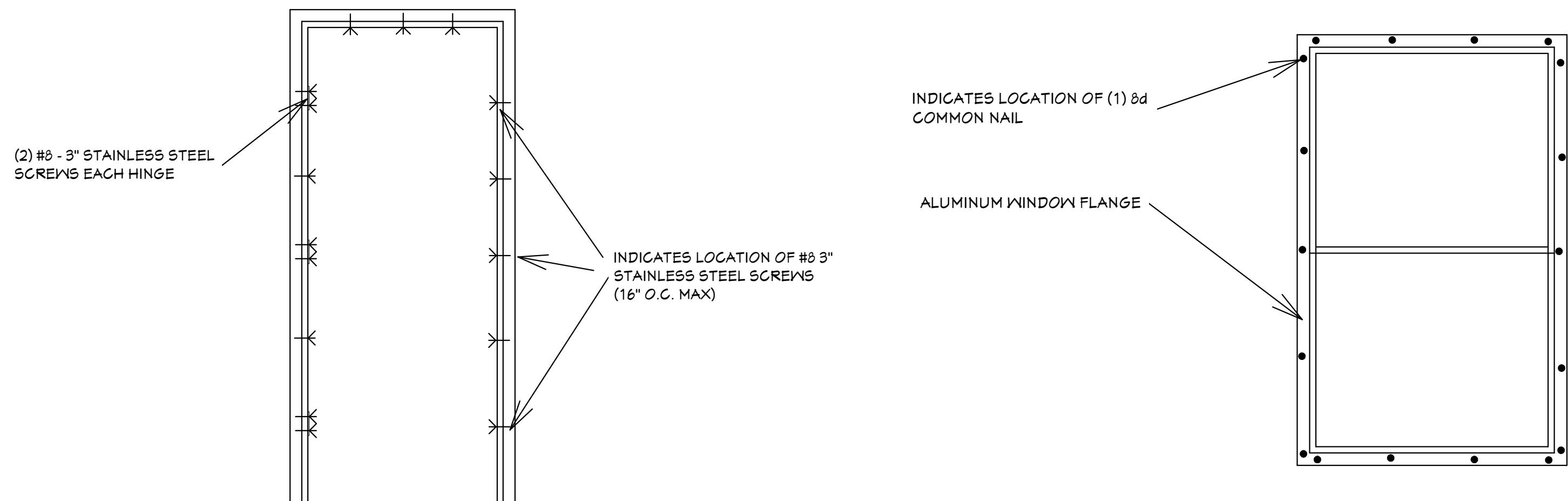
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JOB # 2024-046

SHEET

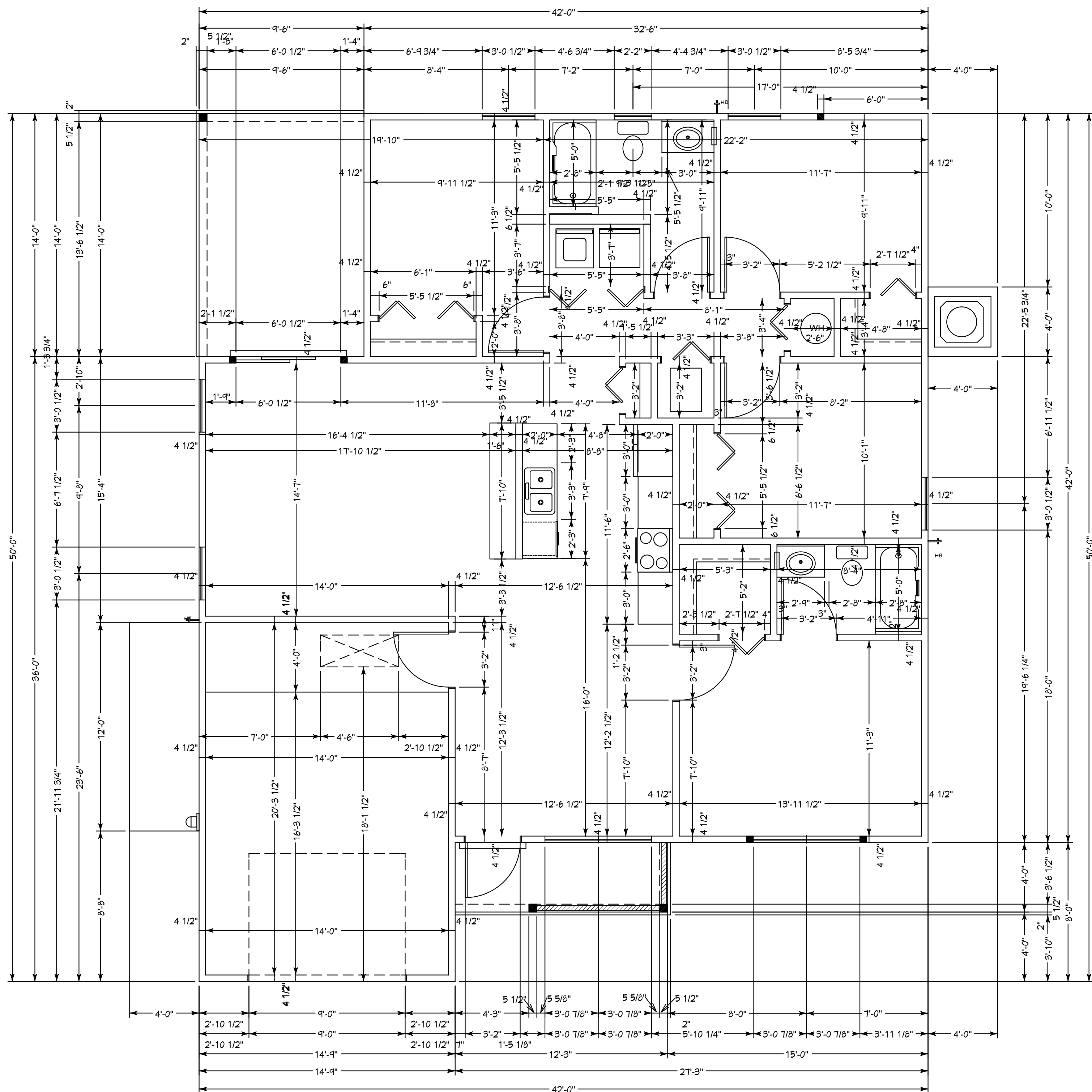
4 OF 10

SHEET

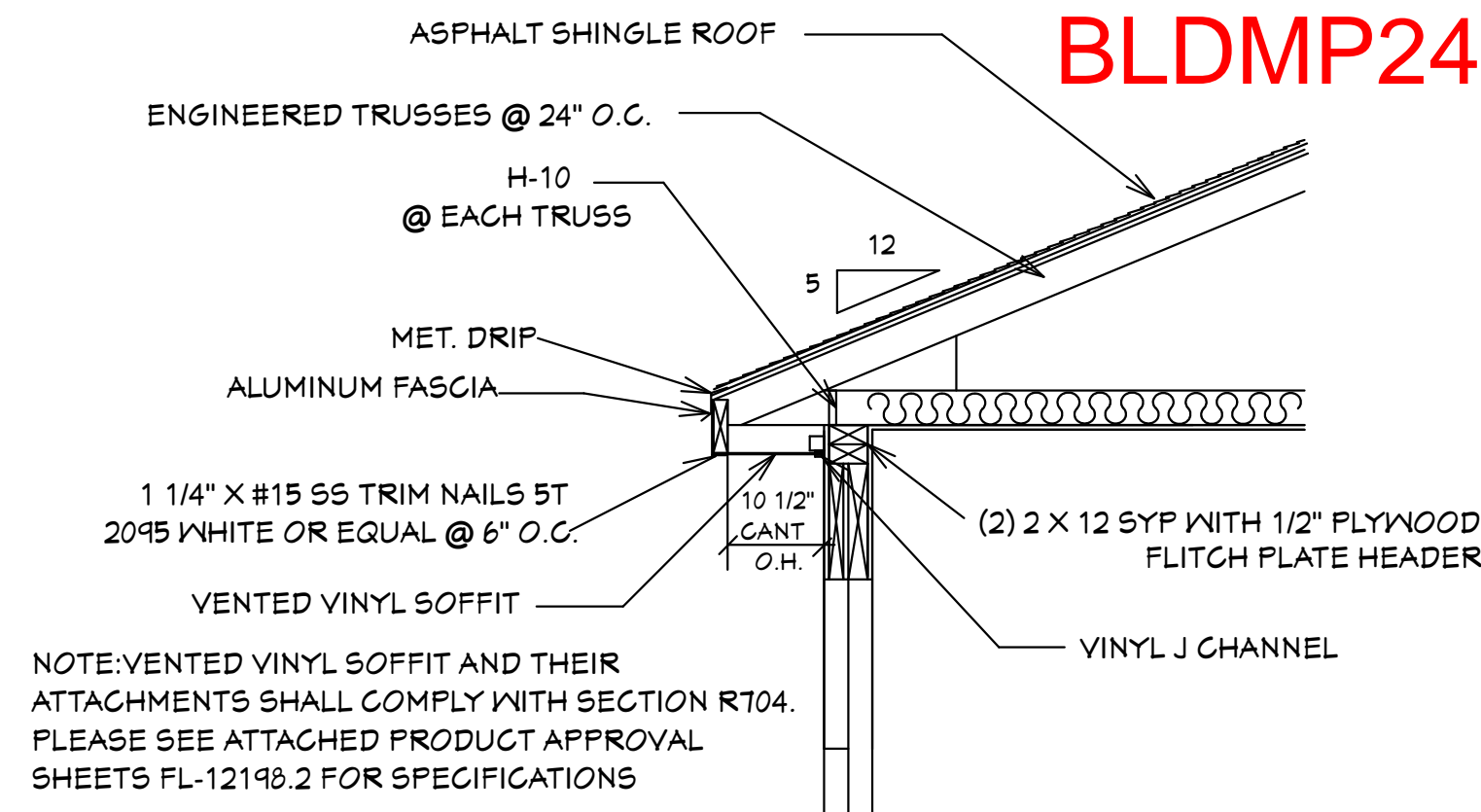


TYPICAL DOOR INSTALLATION DETAIL

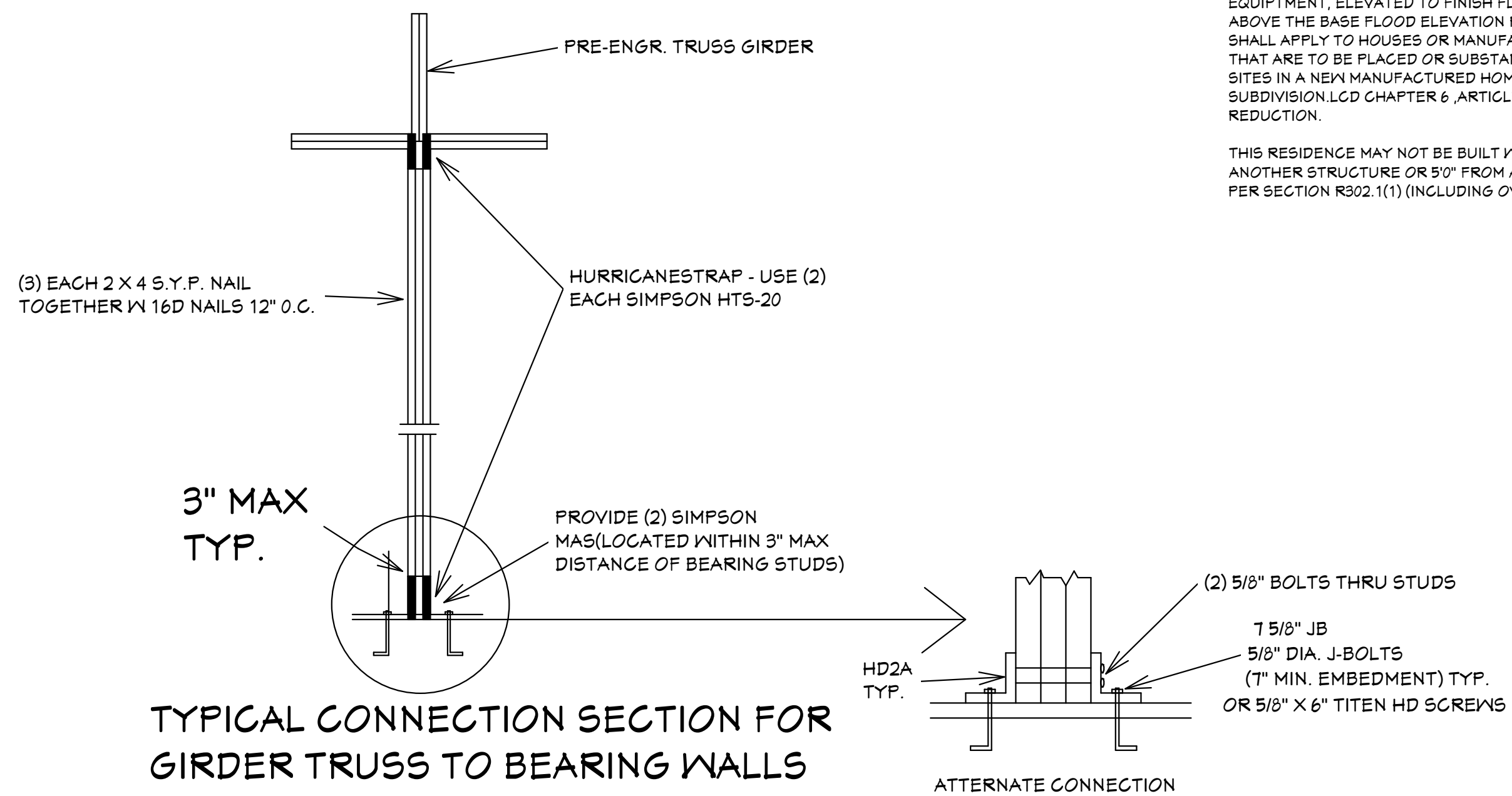
TYPICAL WINDOW INSTALLATION DETAIL



DIMENSIONAL FLOOR PLAN

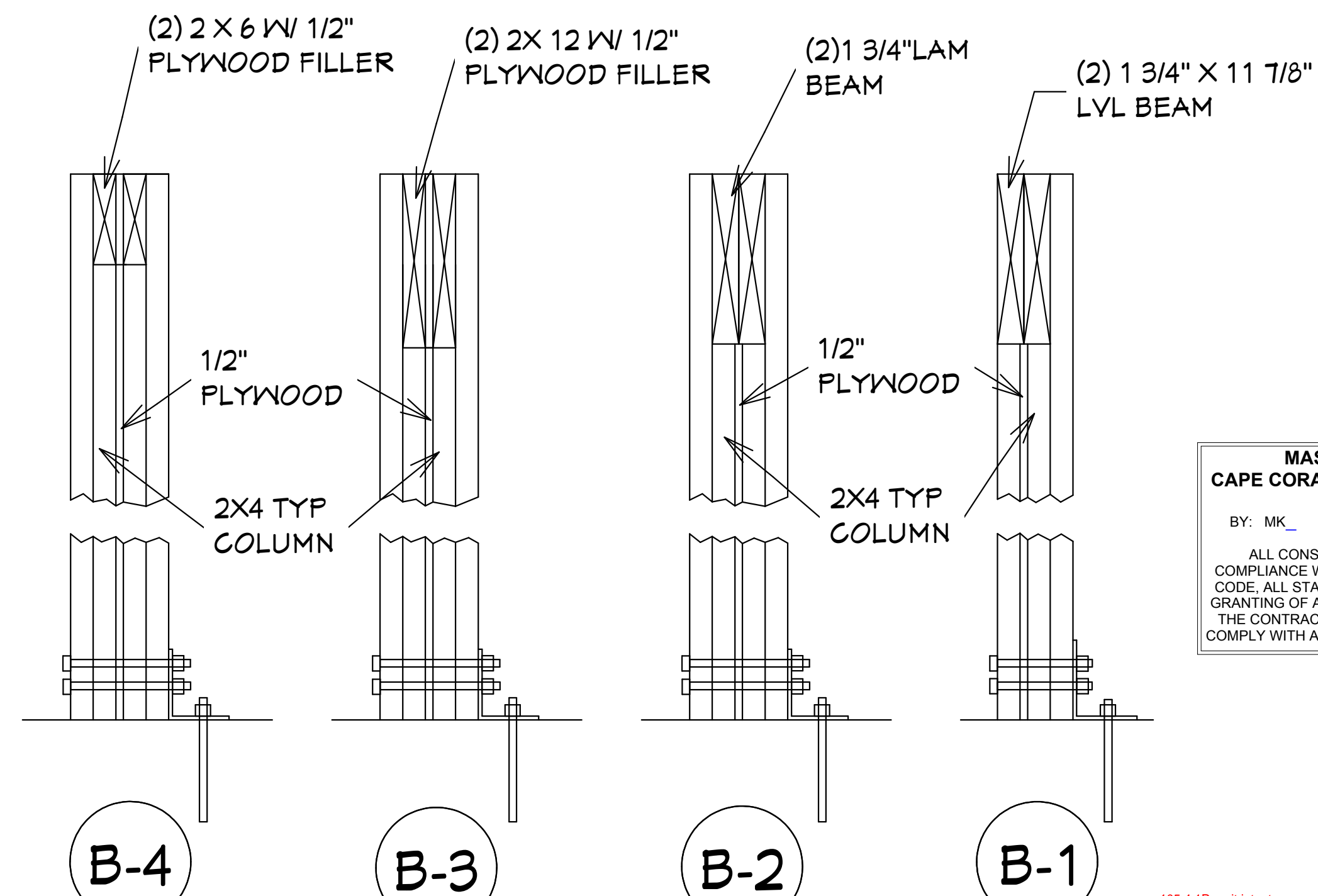


SOFFIT DETAIL R703.1.2.1
SCALE: N.T.S.



TYPICAL CONNECTION SECTION FOR GIRDER TRUSS TO BEARING WALLS WITH REACTIONS OVER #2000

SCALE: 1/2"=1'0"



DETAIL

SCALE: 1 1/2"=1'0"

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THIS RESIDENCE MAY NOT BE BUILT WITHIN 60" OF ANOTHER STRUCTURE OR 50" FROM ANY PROPERTY LINE PER SECTION R302.1(1) (INCLUDING OVERHANGS)

Alfred Quattrone

Digitally signed by Alfred Quattrone
Date: 2024.10.07 13:19:02

At Quattrone, Professional Engineer, State of Florida, License No. 52341.
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ALQUAT@AOL.COM

COMPLIANCE STATEMENT
THESE PLANS HAVE BEEN DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER AND THE DESIGN PARAMETERS FOR THE (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, CHAPTER 3 IN GENERAL AND SECTION 1604 OF THE (8TH EDITION) OF THE 2023 FLORIDA BUILDING CODE.

10-05-2024

REVISIONS:

08-08-2024

10-05-2024

HICKS DRAFTING & DESIGN

4216 5TH STREET W
LEHIGH ACRES, FL. 33471

CELL: (239) 462-2734
E-MAIL: DHICKS928@AOL.COM

BUILDER: HABITAT FOR HUMANITY
4 BEDROOM 2 BATH HOME /160 MPH WIND LOADING

NEW HOUSE FOR:
LOT - /BLOCK - /UNIT - /SECTION -

TOWNSHIP - SOUTH/RANGE - EAST
STRAP# ADDRESS:

DRAWN BY
DAVID HICKS

DATE: 03-29-2021

SCALE: 1/4"=1'0"

JOB # 2024-046

SHEET

5 OF

10 SHEET

CAPE PALM 2 4/21 MODEL / LEFT HAND GARAGE / MONO FOOTER / 2023 CODE / 10 1/2" CANT

10-05-2024 REVISIONS

105.4.1 Permit Intent.
A permit issued shall be construed to be a license to proceed with the work and not as authority to violate, cancel, alter or set aside any of the provisions of the technical codes, nor shall issuance of a permit prevent the building official from thereafter requiring a correction of errors in plans, construction or violations of this code. Every permit issued shall become invalid unless the work authorized by such permit is commenced within 6 months after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 6 months after the time the work is commenced.

4'-0"

16" 16" 16"

PLATE AND THE ROOF TRUSS WITH SIMPSON H-10A CONNECTOR. DOUBLE TOP PLATE ATTACHED TO WALL STUD WITH H-2.5A CLIP AS SHOWN ON WALL FRAMING SECTION SHEET 5 OF 7.

DBL 2 X 4 TOP PLATE W/ SPLICES STAGGERED @ 4' HEADER

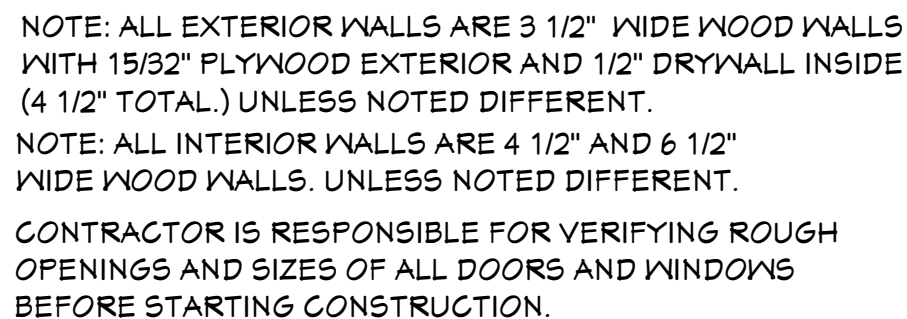
SIMPSON LSTA-18

15/32" X 4' X 8' CDX OR 7/16" OSB 24/16 RATED EXPOSURE I EXTERIOR SHEATHING (FROM DBL 2 X 4 TOP PLATE TO 2" X 4" P.T. BOTTOM PLATE)

NAILING PATTERN:
EDGE @ 4" O.C. - INTERIOR @ 6" O.C.
TOP & BOTTOM DBL 4"

2 X 4 P.T. BOTTOM PLATE

SCALE: N.T.S.



(WB-1) = (2) 2 X 12 SYP WITH 1/2" PLYWOOD
FLITCH PLATES. GLUED AND NAILED

(WB-2) = (2) 1 3/4" X 11 7/8" LVL BEAMS

NOTED FLOOR PLAN



AREA SCHEDULE	
LIVING A/C	1449 SQ. FT.
ENTRY	49 SQ. FT.
GARAGE	300 SQ. FT.
LANAI	133 SQ. FT.
TOTAL	1931 SQ.FT.

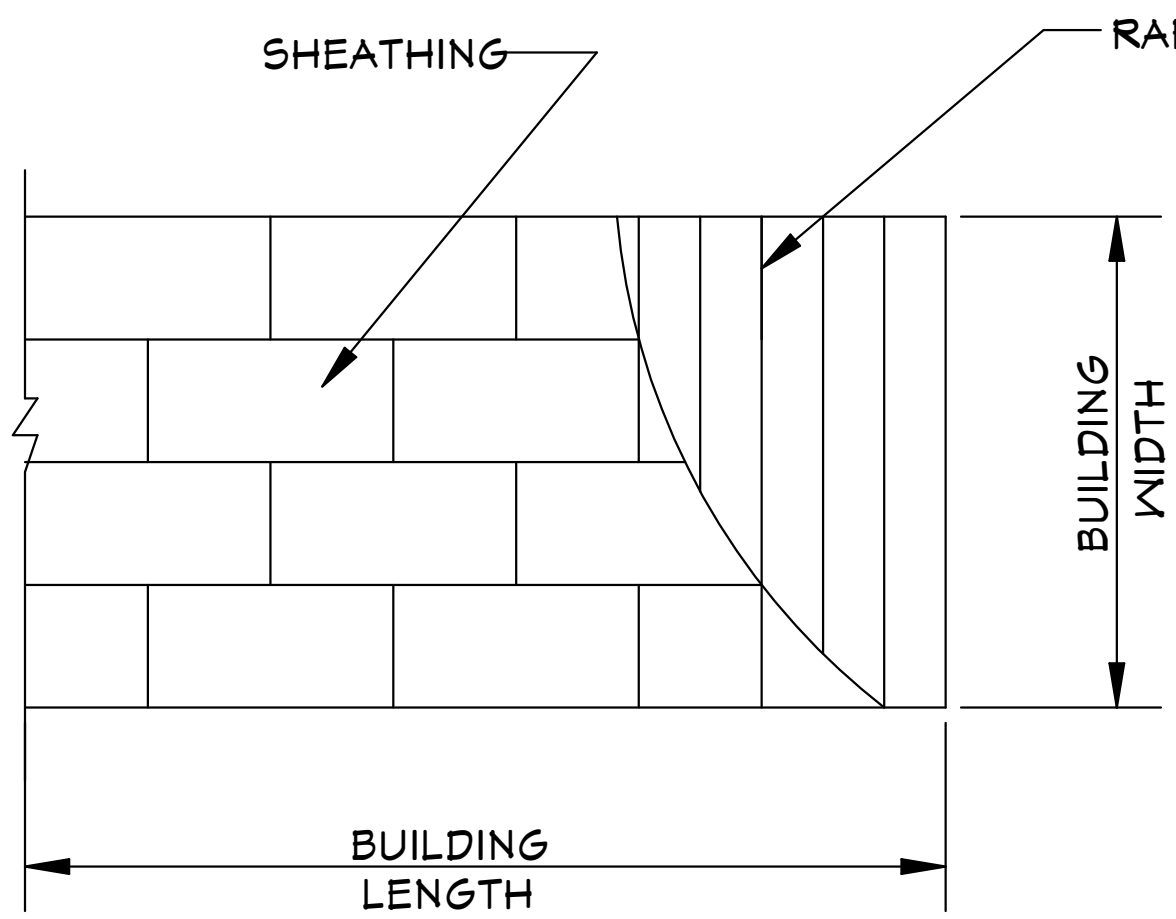
<p>BUILDER TO VERIFY ALL ROUGH OPENINGS FOR ALL DOORS, SLIDING GLASS DOORS, AND WINDOWS PRIOR TO START OF CONSTRUCTION.</p>	<p>BUILDER TO SUPPLY PRODUCT APPROVAL</p>
<p>WINDOWS SHGC=</p> <p>REFER TO ATTACHED ENERGY CALCULATIONS AND ATTACHED INFORMATION FROM WINDOW AND DOOR COMPANY.</p>	

THIS RESIDENCE MAY NOT BE BUILT WITHIN 6'0" OF
ANOTHER STRUCTURE OR 5'0" FROM ANY PROPERTY LINE
PER SECTION R302.1(1) (INCLUDING OVERHANGS)

HICKS DRAFTING & DESIGN
4216 5TH STREET W
LEHIGH ACRES, FL. 33971
CELL: (239) 462 - 2134
E-MAIL: DHICKS928@AOL.COM

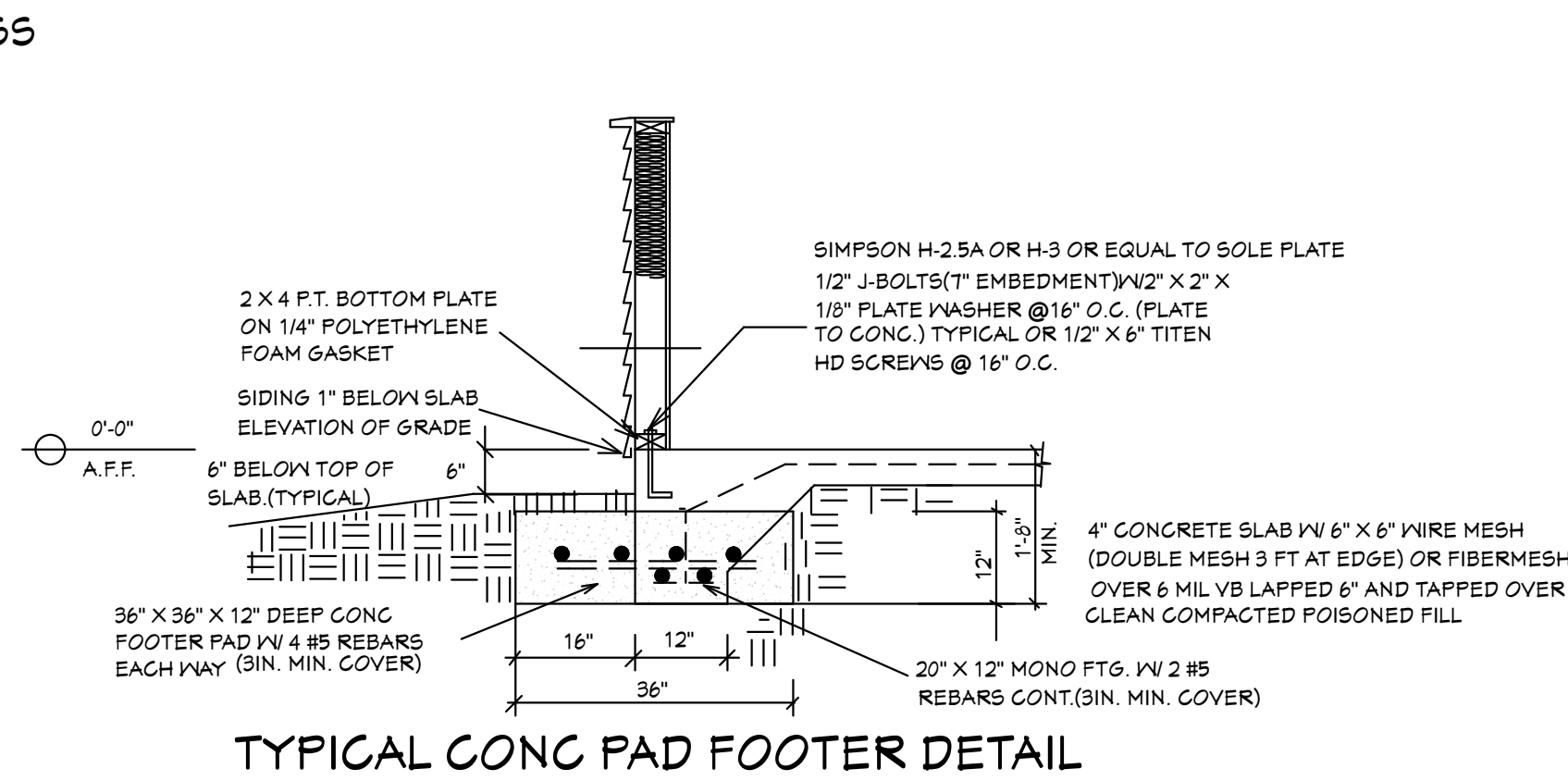
6 10
OF SHEET

10-05-2024 REVISIONS



ROOF SHEATHING LAYOUT
FOR HIP ROOFS

N.T.S.



TYPICAL CONG PAD FOOTER DETAIL

SCALE: N.T.S.

REVIEWED FOR
MECHANICAL CODE COMPLIANCE
WITH THE CAPE CORAL
BUILDING DIVISION

BY: JM DATE: 10/25/2024
ALL MECHANICAL INSTALLATIONS SHALL BE
IN COMPLIANCE WITH THE FLORIDA BUILDING
CODE, STATE AND LOCAL CODES. THE
GRANTING OF A PERMIT DOES NOT RELIEVE
THE CONTRACTOR OF RESPONSIBILITY TO
COMPLY WITH ALL CODES AND ORDINANCES.

MASTERED PLAN
CAPE CORAL BUILDING DIVISION

BY: MK DATE: 11/08/2024

ALL CONSTRUCTION SHALL BE IN
COMPLIANCE WITH THE FLORIDA BUILDING
CODE, ALL STATE AND LOCAL CODES. THE
GRANTING OF A PERMIT DOES NOT RELIEVE
THE CONTRACTOR OF RESPONSIBILITY TO
COMPLY WITH ALL CODES AND ORDINANCES.

105.4.1 Permit intent.
A permit issued shall be construed to be a license to proceed with the work
and not as authority to violate, cancel, alter or set aside any of the provisions
of the technical codes, nor shall issuance of a permit prevent the building
official from thereafter requiring a correction of errors in plans, construction or
violations of this code. Every permit issued shall become invalid unless the
work authorized by such permit is commenced within 6 months after its
issuance, or if the work authorized by such permit is suspended or
abandoned for a period of 6 months after the time the work is commenced.

I AL QUATTRONE HAVE REVIEWED AND
APPROVE THE PRODUCTS LISTED BELOW
FOR USE WITH THIS CAPE PALM 2 MODEL
MASTER PLAN

MASTER PLAN

Address: Folio Number:



FLORIDA PRODUCT APPROVAL /
MIAMI-DADE NOA - INDEX SHEET

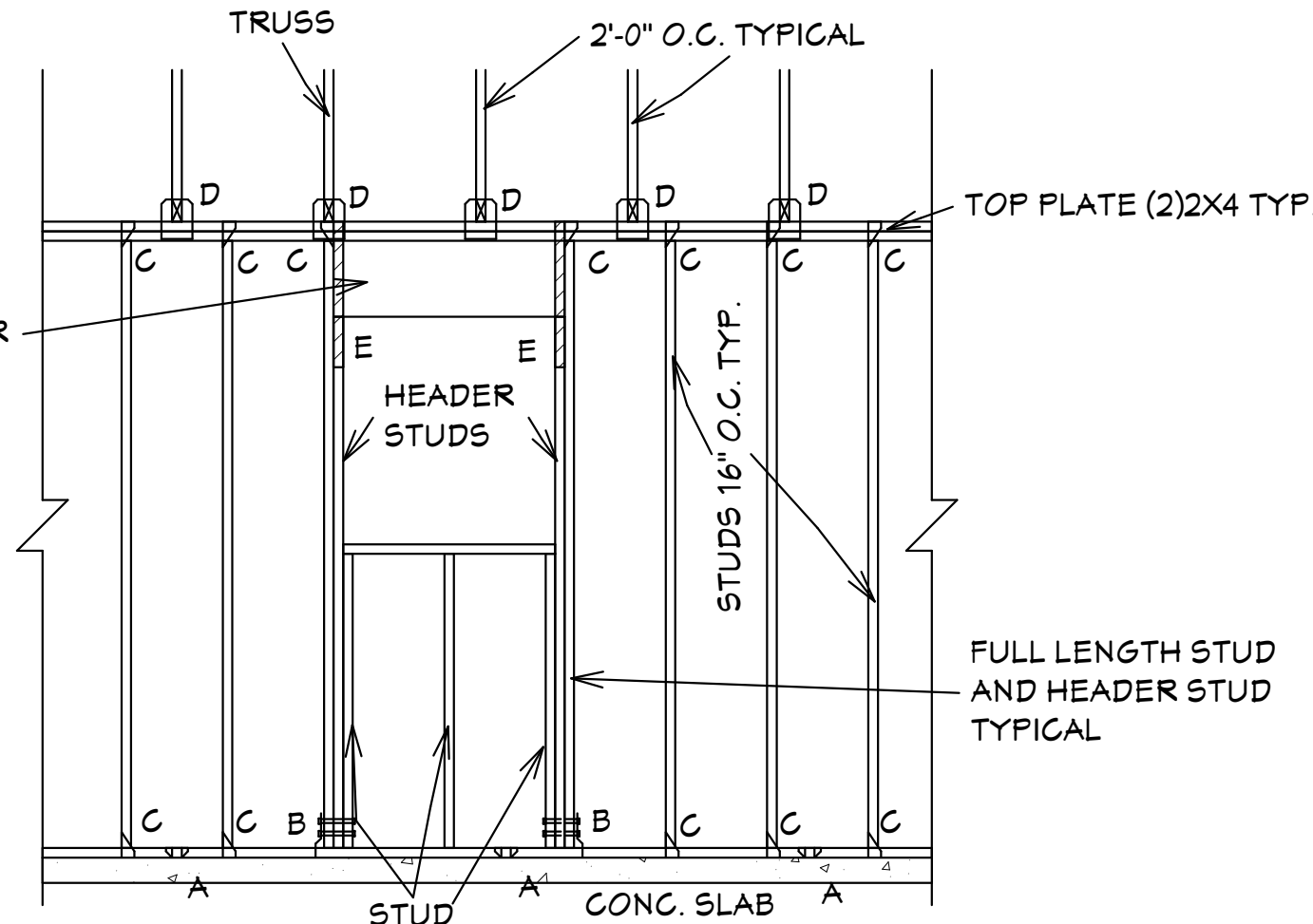
1015 Cultural Park Blvd.
Cape Coral, FL 33990
239-574-0546

Section A: DOORS					
#	COMPONENT	MANUFACTURER/MODEL	IMPACT/NON	FL PA/NOA #	Exp. Date
1	Swinging	Therma-Tru Corp fiber classic	IMPACT	20468.1	12/31/2026
2	Sliding	CGI Windows and Doors SGD-4025A	NON IMPACT	29078.1	12/31/2032
3	Garage	C.H.I. Overhead Doors pan doors	NON IMPACT	15012.8	12/31/2026
4					
5					
6					
Section B: WINDOWS					
#	COMPONENT	MANUFACTURER/MODEL	IMPACT/NON	FL PA/NOA #	Exp. Date
1	Single Hung	CGI Windows and Doors SH-4000A	NON IMPACT	23358.1	12/31/2032
2	Double Hung				
3	Casement				
4	Horizontal Slider				
5	Mullion	CGI Windows and Doors	IMPACT	9187.1	03/28/2028
6	Skylights				
7	Fixed				
8					
9					
Section C: ROOFING PRODUCTS					
#	COMPONENT	MANUFACTURER/MODEL	FL PA/NOA #	Exp. Date	
1	Asphalt Shingles	GAF Timberline fiberglass 3 TAB	10124.2	12/16/2025	+N/A /-N/A
2	Metal				
3	Tile				
4	Single Ply				
5	Underlayment	GAF ROOF UNDERLAYMENT	10626.2	12/28/2026	+N/A /-442.5
6	Vents	GAF COBRA RIDGE VENT	6267.1	07/12/2025	+N/A / -215.0
7		TAMCO 410" OFF RIDGE VENT	16918.1	12/31/2027	+0 /-52.5
8					
Section D: STORM SHUTTERS					
#	COMPONENT	MANUFACTURER/MODEL	FL PA/NOA #	Exp. Date	
1	Storm Panels	Eastern Metal Supply BERTHA GAV STEEL PANELS	11964.2	12/31/2024	+57/-57
2					
3					
Section E: PANEL WALLS					
#	COMPONENT	MANUFACTURER/MODEL	FL PA/NOA #	Exp. Date	
1	Soffits	Kaycan LTD D5	12198.2	12/28/2026	+55/-35
2	Storefront				
3					
4					
Section F: OTHER					
#	COMPONENT	MANUFACTURER/MODEL	FL PA/NOA #	Exp. Date	
1	HURRICANE TIE	SIMPSON H-10A	10456.7	12/31/2026	
2	HEAVY TWIST STRAP	SIMPSON HTS20	10456.12	12-31-2026	

09/28/2021



NOTE: ADD BLOCKING AS REQUIRED FOR HANDI CAP
GRAB BARS IN ALL MODELS.VERIFY LOCATIONS OF
BLOCKING BEFORE START OF CONSTRUCTION.



"A" SIMPSON MAS CONNECTOR WITH (6) 10d x 1 1/2" NAILS @ 2'-0" O.C. (PLATE TO SLAB) OR 1/2" J-BOLT (7" MINIMUM EMBEDMENT) AND 2" X 2" X 1/8" PLATE WASHER @ 16" O.C. OR 1/2" X 6" TITEN HD SCREWS @ 16" O.C.

"B" SIMPSON HD-3B SHEARWALL HOLDOWN W/(2) 5/8" DIA. BOLTS PER STUD AND (1) 5/8" X 6" LONG EXPANSION BOLT

"C" SIMPSON H-2.5A OR H-3 OR EQUAL (STUD TO PLATE)

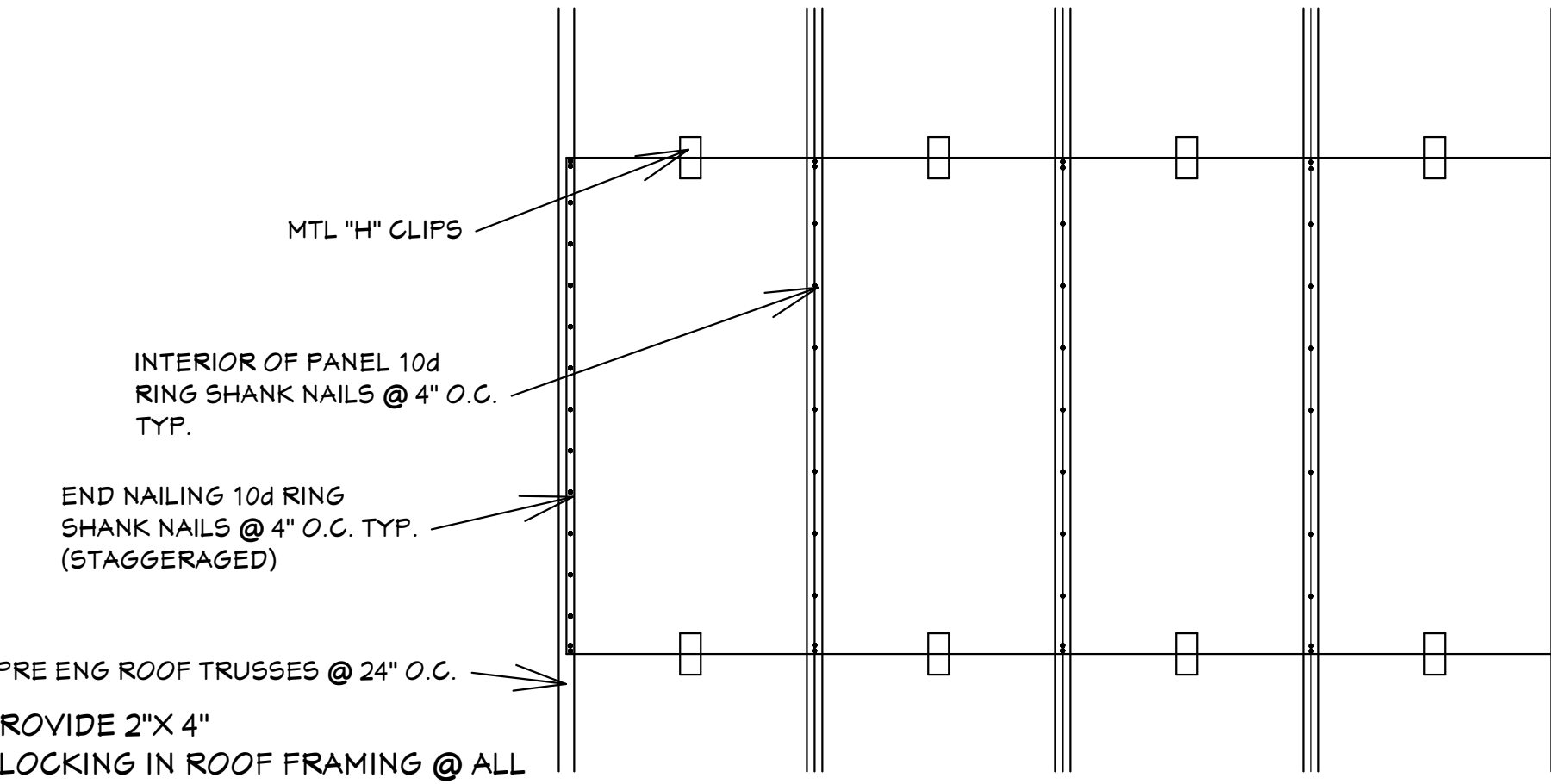
"D" SIMPSON H10A WITH (18) 10d x 1 1/2" NAILS OR EQUAL (TRUSS TO PLATE)

"E" SIMPSON LSTA-18 WITH (14) 10d NAILS

FRAMING DETAIL (TYP.)

ALL EXTERIOR WALLS ARE SHEARWALLS PER
FRAMING DETAIL SHEET 5 OF 7 & EXTERIOR WALL
NAILING DETAIL ON SHEET 4 OF 7. SHEAR WALL
SECTIONS ARE SHOWN ON SHT 1 OF 7

SCALE: 1/2"=1'-0"



PRE ENG ROOF TRUSSES @ 24" O.C.

PROVIDE 2" X 4" BLOCKING IN ROOF FRAMING @ ALL UNSUPPORTED EDGES OF SHEATHING. ATTACH BLOCKING TO TRUSSES W/ MIN. (3) 12d TOENAILED @ EACH END.

1 1/2" CDX PLYWOOD APA 40/20
1 1/2" O.S.B 40/20 RATED

ROOF SHEATHING DETAIL

SCALE: 3/4"=1'-0"

BLDMP24-000045

GENERAL NOTES
1. CONTRACTOR TO VERIFY ALL DIMENSIONS PRIOR TO START OF CONSTRUCTION. DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
2. MASONRY CONTRACTOR TO VERIFY MASONRY OPENING DIMENSIONS FOR ALL WINDOWS, SLIDING GLASS DOORS, & ENTRY DOORS, AS SHOWN ON THESE PLANS, WITH THE DOOR AND WINDOW MANUFACTURER PRIOR TO CONSTRUCTION.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHECK THESE PLANS FOR DIMENSIONAL ERRORS, AND/OR OMISSIONS PRIOR TO CONSTRUCTION. IF ANY ERRORS OR OMISSIONS EXIST IN THE DRAWINGS OR SPECIFICATIONS, THE CONTRACTOR SHALL NOTIFY HICKS DRAFTING & DESIGN, IN WRITING, WITHIN 10 DAYS OF RECEIPT OF PLANS, AND PRIOR TO ANY CONSTRUCTION. THE CONTRACTOR ASSUMES ALL THE RESPONSIBILITY FOR THE RESULTS AND ALL THE COSTS OF RECTIFYING THE SAME.
4. HICKS DRAFTING & DESIGN DOES NOT ASSUME ANY RESPONSIBILITY FOR SUPERVISION OF CONSTRUCTION. CONTRACTOR TO ADHERE STRICTLY TO THE (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, CHAPTER 3, AND SECTION 1604 OF THE (8TH EDITION) OF THE 2023 FLORIDA BUILDING CODE, TOGETHER WITH LOCAL AMENDMENTS, AND ALL OTHER APPLICABLE STATE, COUNTY, AND LOCAL STATUTES, ORDINANCES, REGULATIONS, AND RULES.

NOTE: MASTER PLANS
FEMA FLOOD ZONES CONSTRUCTION
NEW CONSTRUCTION OF ANY RESIDENTIAL STRUCTURE SHALL HAVE THE LOWEST FLOOR OR CONCRETE SLAB, INCLUDING GARAGE OR BASEMENT AND AC VEH AND ALL EQUIPMENT, ELEVATED TO FINISH FLOOR ELEV. OR ABOVE THE BASE FLOOD ELEVATION PLUS 1 FOOT. THIS SHALL APPLY TO HOUSES OR MANUFACTURED HOMES THAT ARE TO BE PLACED OR SUBSTANTIALLY IMPROVED ON SITES IN A NEW MANUFACTURED HOME PARK OR SUBDIVISION LCD CHAPTER 6, ARTICLE IV FLOOD HAZARD REDUCTION.

THIS RESIDENCE MAY NOT BE BUILT WITHIN 6'-0" OF ANOTHER STRUCTURE OR 30' FROM ANY PROPERTY LINE PER SECTION R302.1(1) (INCLUDING OVERHANGS)

Alfred Quattrone

Digitally signed by Alfred Quattrone
Date: 2024-10-07 13:18:17
Al Quattrone, Professional Engineer, State of Florida, License No. 52741
This item has been digitally signed and sealed by Al Quattrone, P.E. on 10/07/2024
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Quattrone & Associates, Inc.

Engineers, Planners, & Development Consultants
4501 Venus Boulevard Blvd., Fort Myers, FL 33916 (239) 950-5222
ALQUATTRONE@AOL.COM

COMPLIANCE STATEMENT

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REVISIONS:

08-08-2024

10-05-2024

HICKS DRAFTING & DESIGN

4216 5TH STREET W
LEHIGH ACRES, FL 33971
CELL: (239) 462-2734
E-MAIL: DHICKS928@AOL.COM

BUILDER: HABITAT FOR HUMANITY
4 BEDROOM 2 BATH HOME / 160 MPH WIND LOADING
NEW HOUSE FOR:
LOT - / BLOCK - / UNIT - / SECTION -
TOWNSHIP - SOUTH/RANGE - EAST
STRAP# ADDRESS:
ADDRESS:

DRAWN BY
DAVID HICKS

DATE: 03-29-2021

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

JOB # 2024-046

SHEET

8 OF 10

SHEET

CAPE PALM 2 4/21 MODEL / LEFT HAND GARAGE / MONO FOOTER / 2023 CODE / 10 1/2" CANT

10-05-2024 REVISIONS

BUILDING OVERHANG TO BE 5 FEET FROM PROPERTY LINE UNLESS
RATED OR FIRE SPRINKLERED TABLE R302.1(1)

DECK BOARDS & STAIR TREADS REQUIRED TO HAVE LABEL R507

ONE LAYER OF WATER RESISTIVE BARRIER BEHIND EXTERIOR
SIDING WALL COVERING R703.2

TWO LAYERS OF WATER RESISTIVE BARRIER BEHIND EXTERIOR
WALLS WITH WIRE LATH & CEMENTITIOUS FINISH COVERING R703.7.3

FAN FLASHING UNDER WINDOWS AND DOORS ON FRAME
CONSTRUCTION. REFER TO NOTES R703.4 ON SHEET 10 OF 10

WINDOWS MUST HAVE COMPLIANT SHGC VALUES. REFER TO
EXTERIOR OPENING CHART AND ATTACHED ENERGY CALCULATIONS
AND WINDOW AND DOOR SPEC SHEETS FROM MANUFACTURES.

WATER HEATERS AND STORAGE TANKS SHALL BE EQUIPT WITH
PRESSURE RELEASE AND TEMPERATURE VALVES OR A
COMBINATION THEREOF 504 WATER TANK SAFETY DEVICES.

THE MAXIMUN DISTANCE BETWEEN A HOT WATER SUPPLY SOURCE
AND ALL FIXTURES SERVED BY THE SUPPLY SOURCE HAS BEN
REDUCED FROM 100 FT TO 50 FT. HOT OR TEMPERED WATER SUPPLY
TO FIXTURES

SECTION R806

ROOF VENTILATION

R806.1 Ventilation required.

Enclosed attics and enclosed rafter spaces formed where ceilings are applied directly to the underside of roof rafters shall have cross ventilation for each separate space by ventilating openings protected against the entrance of rain or snow. Ventilation openings shall have a least dimension of 1/16 inch (1.6 mm) minimum and 1/4 inch (6.4 mm) maximum. Ventilation openings having a least dimension larger than 1/4 inch (6.4 mm) shall be provided with corrosion-resistant wire cloth screening, hardware cloth, perforated vinyl or similar material with openings having a least dimension of 1/16 inch (1.6 mm) minimum and 1/4 inch (6.4 mm) maximum. Openings in roof framing members shall conform to the requirements of Section R802.7. Required ventilation openings shall open directly to the outside air and shall be protected to prevent the entry of birds, rodents, snakes and other similar creatures.

R806.2 Minimum vent area.

The minimum net free ventilating area shall be 1/150 of the area of the vented space.

Exception: The minimum net free ventilation area shall be 1/300 of the vented space, provided that not less than 40 percent and not more than 50 percent of the required ventilating area is provided by ventilators located in the upper portion of the attic or rafter space. Upper ventilators shall be located not more than 3 feet (914 mm) below the ridge or highest point of the space, measured vertically. The balance of the required ventilation provided shall be located in the bottom one-third of the attic space. Where the location of wall or roof framing members conflicts with the installation of upper ventilators, installation more than 3 feet (914 mm) below the ridge or highest point of the space shall be permitted.

R806.3 Vent and insulation clearance.

Where eave or cornice vents are installed, blocking, bridging and insulation shall not block the free flow of air. Not less than a 1-inch (25 mm) space shall be provided between the insulation and the roof sheathing and at the location of the vent.

R806.4 Installation and weather protection.

Ventilators shall be installed in accordance with manufacturer's instructions. Installation of ventilators in roof systems shall be in accordance with the requirements of Section R403. Installation of ventilators in wall systems shall be in accordance with the requirements of Section R703.1.

R806.5 Unvented attic and unvented enclosed rafter assemblies.

Unvented attics and unvented enclosed roof framing assemblies created by ceilings that are applied directly to the underside of the roof framing members and structural roof sheathing applied directly to the top of the roof framing members/rafters, shall be permitted where all the following conditions are met:

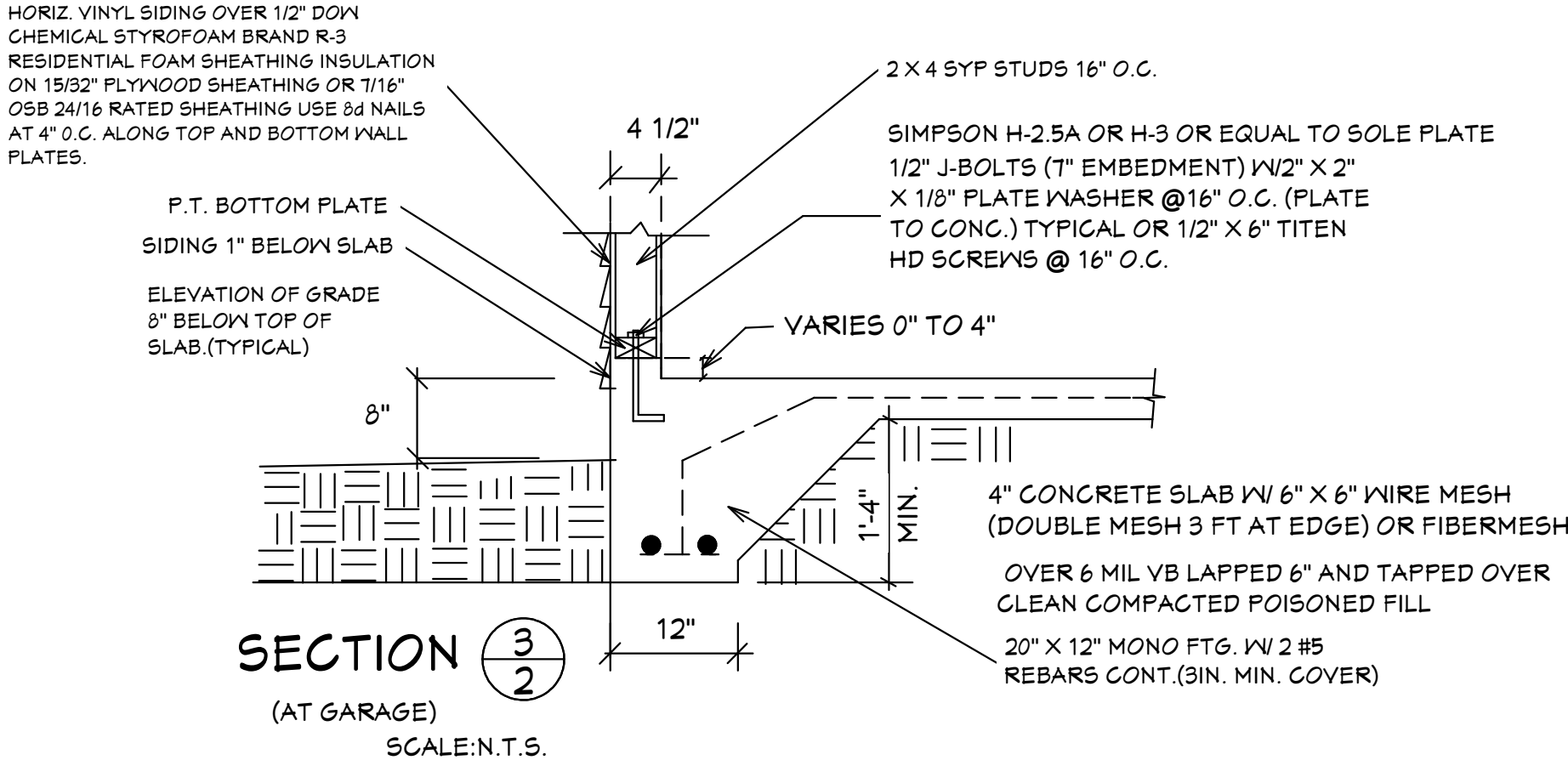
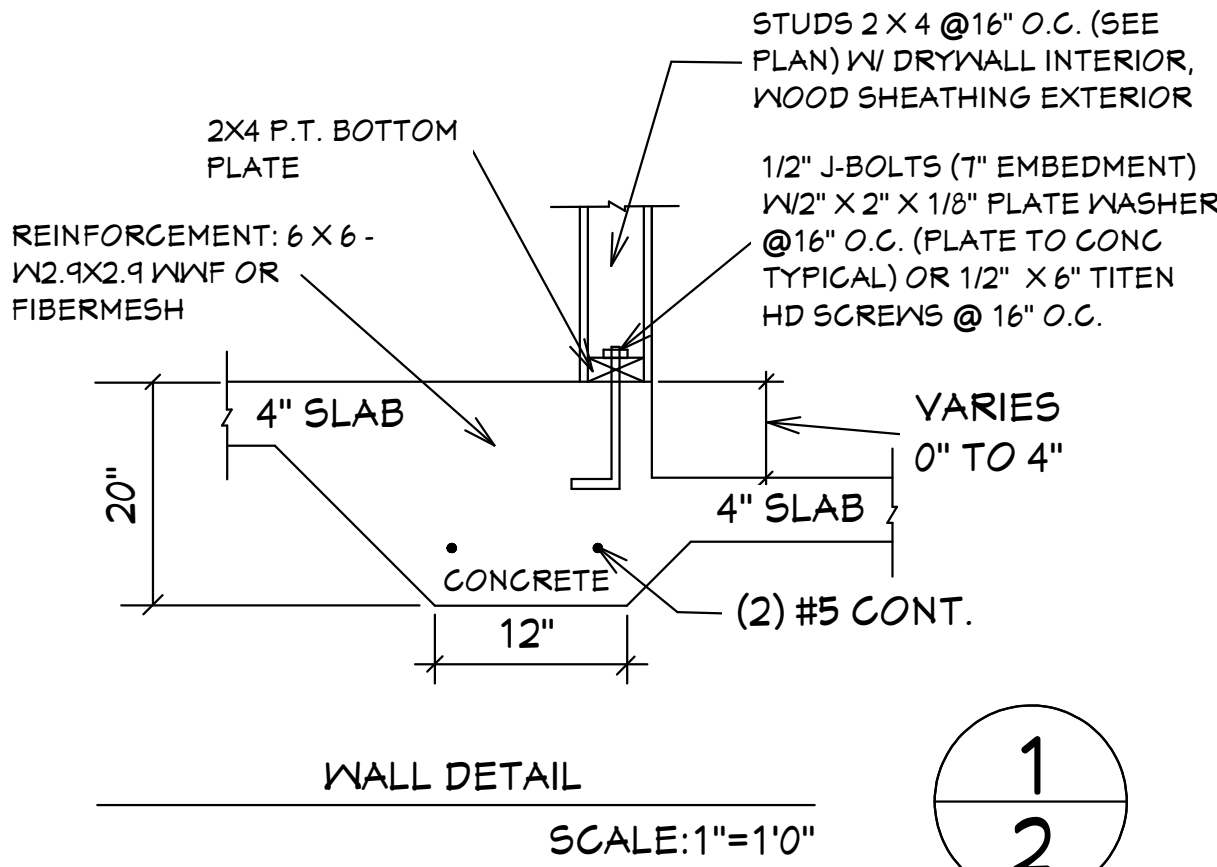
- The unvented attic space is completely within the building thermal envelope.
- No interior Class I vapor retarders are installed on the ceiling side (attic floor) of the unvented attic assembly or on the ceiling side of the unvented enclosed roof framing assembly.
- Where wood shingles or shakes are used, a minimum 1/4-inch (6.4 mm) vented airspace separates the shingles or shakes and the roofing underlayment above the structural sheathing.
- In Climate Zones 5, 6, 7 and 8, any air-impermeable insulation shall be a Class II vapor retarder, or shall have a Class II vapor retarder coating or covering in direct contact with the underside of the insulation.
- Insulation shall comply with Item 5.3 and Item 5.1. As an alternative, where air-permeable insulation is located on top of the attic floor or on top of the attic ceiling, insulation shall comply with Item 5.3 and Item 5.2.
- Item 5.1.1, 5.1.2, 5.1.3 or 5.1.4 shall be met, depending on the air permeability of the insulation directly under the structural roof sheathing.
- 1.1. Where only air-impermeable insulation is provided, it shall be applied in direct contact with the underside of the structural roof sheathing.
- 1.2. Where air-permeable insulation is provided inside the building thermal envelope, it shall be installed in accordance with Section 5.1.1. In addition to the air-permeable insulation installed directly below the structural sheathing, rigid board or sheet insulation shall be installed directly above the structural roof sheathing in accordance with the R-values in Table R806.5 for condensation control.
- 1.3. Where both air-impermeable and air-permeable insulation are provided, the air-impermeable insulation shall be applied in direct contact with the underside of the structural roof sheathing in accordance with Item 5.1.1 and shall be in accordance with the R-values in Table R806.5 for condensation control. The air-permeable insulation shall be installed directly under the air-impermeable insulation.
- 1.4. Alternatively, sufficient rigid board or sheet insulation shall be installed directly above the structural roof sheathing to maintain the monthly average temperature of the underside of the structural roof sheathing above 45°F (7°C). For calculation purposes, an interior air temperature of 68°F (20°C) is assumed and the exterior air temperature is assumed to be the monthly average outside air temperature of the three coldest months.
- 5.2 In Climate Zones 1, 2 and 3, air-permeable insulation installed in unvented attics on the top of the attic floor or on top of the ceiling shall meet the following requirements:
- 5.2.1 An approved vapor diffusion port shall be installed not more than 12 inches (305 mm) from the highest point of the roof, measured vertically from the highest point of the roof to the lower edge of the port.
- 5.2.2 The port area shall be greater than or equal to 1/600 of the ceiling area. Where there are multiple ports in the attic, the sum of the port areas shall be greater than or equal to the area requirement.
- 5.2.3 The vapor-permeable membrane in the vapor diffusion port shall have a vapor permeance rating of greater than or equal to 20 perms when tested in accordance with Procedure A of ASTM E96.
- 5.2.4 The vapor diffusion port shall serve as an air barrier between the attic and the exterior of the building.
- 5.2.5 The vapor diffusion port shall protect the attic against the entrance of rain and snow.
- 5.3 Where preformed insulation board is used as the air-impermeable insulation layer, it shall be sealed at the perimeter of each individual sheet interior surface to form a continuous layer.

THE ROOF VENTILATION MUST MEET ALL REQUIREMENTS OF SECTION R806 ROOF VENTILATION SHOWN ABOVE.

R806.2 MINIMUM AREA CALCULATIONS:
THE TOTAL NET FREE VENTILATING AREA SHALL BE NOT LESS THAN 1 TO 300 OF THE AREA OF THE SPACE VENTILATED.
1931 SQ FT TOTAL ATTIC AREA TO BE VENTILATED
1931 SQ FT DIVIDED BY 300 SQ FT = 6.43 SQ FT TOTAL VENTILATION REQUIRED.
CONVERT TO SQ IN: 6.43 SQ FT X 144 = 925.92 SQ IN
925.92 SQ IN, DIVIDED INTO=555.55 IN. AT SOFFITS AND 370.36 IN. AT RIDGE VENTS OR OFF RIDGE VENTS SEPARATE OR COMBINED.
(COBRA RIDGE VENT 3 FL#6261 R17) PROVIDES 19 SQ IN. PER LINEAL FT OF NET FREE VENTILATING AREA
(TAMCO 4"Ø ROUND OFF RIDGE VENT FL#16418-R3 PROVIDES 138 SQ IN. PER OFF RIDGE VENT.

370.36 SQ IN. TOTAL UPPER ROOF VENTILATION /414.00 SQ IN SUPPLIED IN UPPER ROOF
TAMCO 4"Ø ROUND OFF RIDGE VENT 138 SQ IN PER VENT = 3 REQUIRED =414.00 SQ IN

TOTAL OF VENTED SOFFIT REQUIRED = 555.55 SQ IN.
769.12 SQ IN VENTED SOFFIT SUPPLIED MEETS THE REQUIREMENTS.
FL # 12198.2 KAYCAN LTD VINYL SOFFIT 10" D5
5.17 SQ IN NET FREE AREA PER LINEAL FT

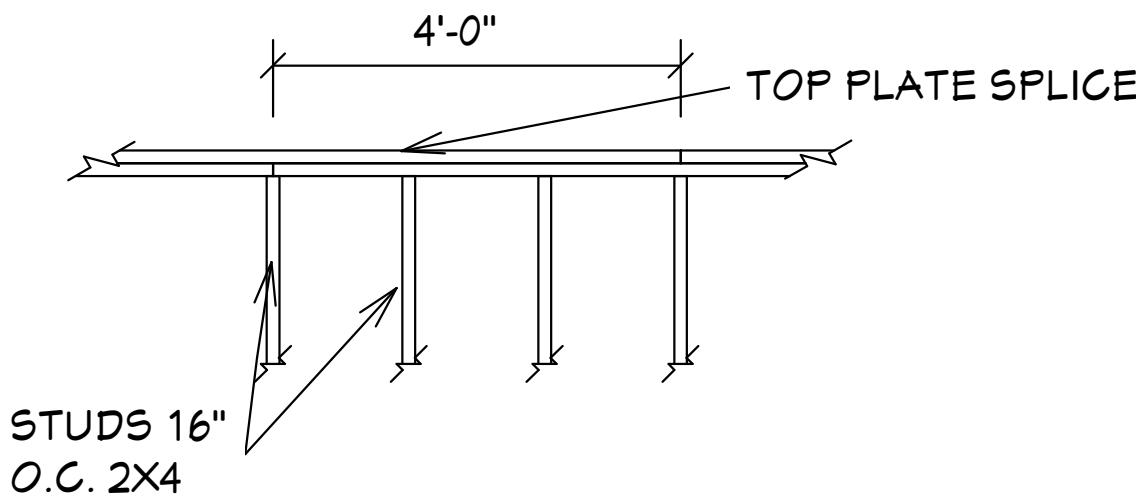


R703.4 Flashing.

Approved metal flashing, vinyl flashing, self-adhered membranes and mechanically attached flexible flashing shall applied shingle-fashion or in accordance with the manufacturer's instructions. Metal flashing shall be corrosion resistant. Fluid-applied membranes used as flashing shall be applied in accordance with the manufacturer's instructions. All flashing shall be applied in a manner to prevent the entry of water into the wall cavity or penetrator of water to the building structural framing components. Self-adhered membranes used as flashing shall comply with AAMA T11. All exterior fenestration products shall be sealed at the juncture with the building wall with a sealer complying with AAMA 800 or ASTM C920 Class 25 Grade N5 or greater for proper joint expansion and contraction, ASTM C1281, AAMA 812, or other approved standard as appropriate for the type of sealant. Fluid-applied membranes used as flashing in exterior walls shall comply with AAMA T14. The flashing shall extend to the surface of the exterior wall finish. Approved flashings shall be installed at the following locations:

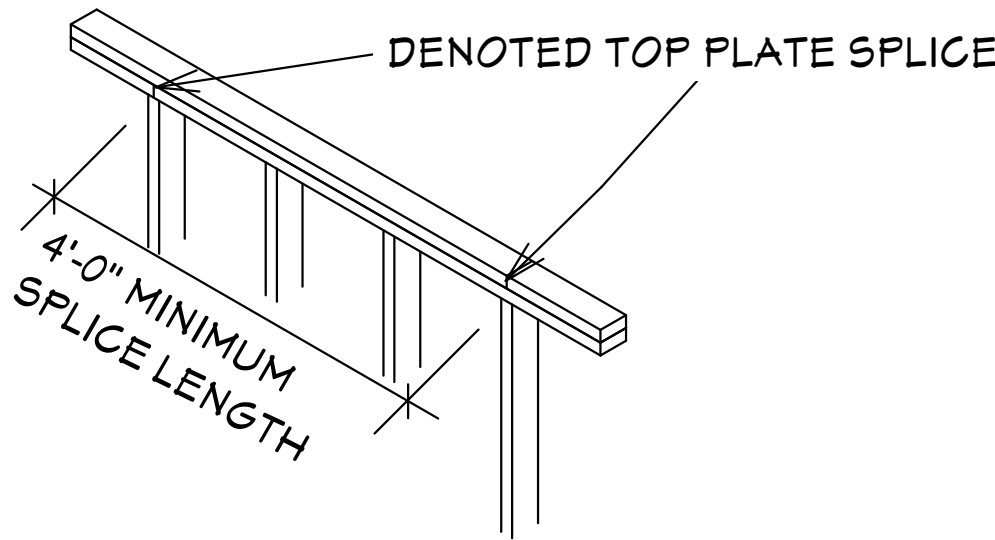
- Exterior window and door openings. Flashing at exterior window and door openings shall extend to the surface the exterior wall finish or to the water-resistive barrier complying with Section 703.2 for subsequent drainage. Mechanically attached flexible flashings shall comply with AAMA T12. Flashing at exterior window and door openings shall be installed in accordance with one or more of the following:
 - The fenestration manufacturer's installation and flashing instructions, or for applications not addressed in the fenestration manufacturer's instructions, in accordance with the flashing or water-resistive barrier manufacturer's instructions. Where flashing instructions or details are not provided, pan flashing shall be installed at the sill of exterior window and door openings. Pan flashing shall be sealed or sloped in such a manner as to direct water to the surface of the exterior wall finish or to the water-resistive barrier for subsequent drainage. Openings using p: flashing shall incorporate flashing or protection at the head and sides.
 - In accordance with the flashing design or method of a registered design professional.
 - In accordance with other approved methods.
- In accordance with FMA/AAMA 100, FMA/AAMA 200, FMA/NDMA 250, FMA/AAMA/NDMA 300 or FMA/AAMA/NDMA 400, or FMA/AAMA/NDMA 2710.
- At the intersection of chimneys or other masonry construction with frame or stucco walls, with projecting lips o both sides under stucco copings.
- Under and at the ends of masonry, wood or metal copings and sills.
- Continuously above all projecting wood trim.
- Where exterior porches, decks or stairs attach to a wall or floor assembly of wood-frame construction.
- At wall and roof intersections.
- At built-in gutters.

TOP PLATE SPLICES SHALL BE LAPPED A MINIMUM OF 4FT. LAP
SPLICES SHALL BE CONNECTED WITH 14 EACH 16d NAILS MINIMUM



TOP PLATE SPLICE DETAIL

NOTE: SPLICE TO OCCUR OVER
STUD IN ALL CASES



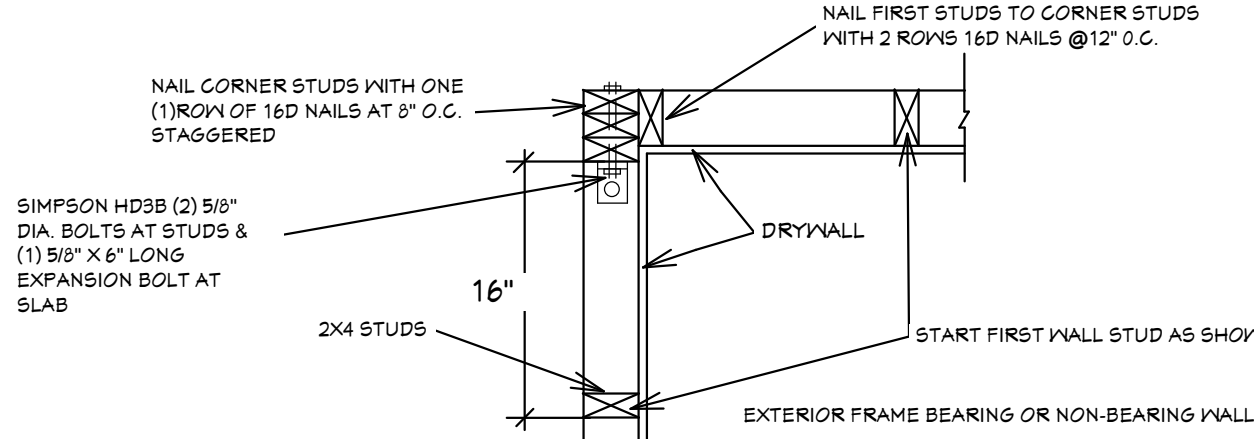
NTS

MASTERED PLAN
CAPE CORAL BUILDING DIVISION

BY: MK_ DATE: 11/08/2024

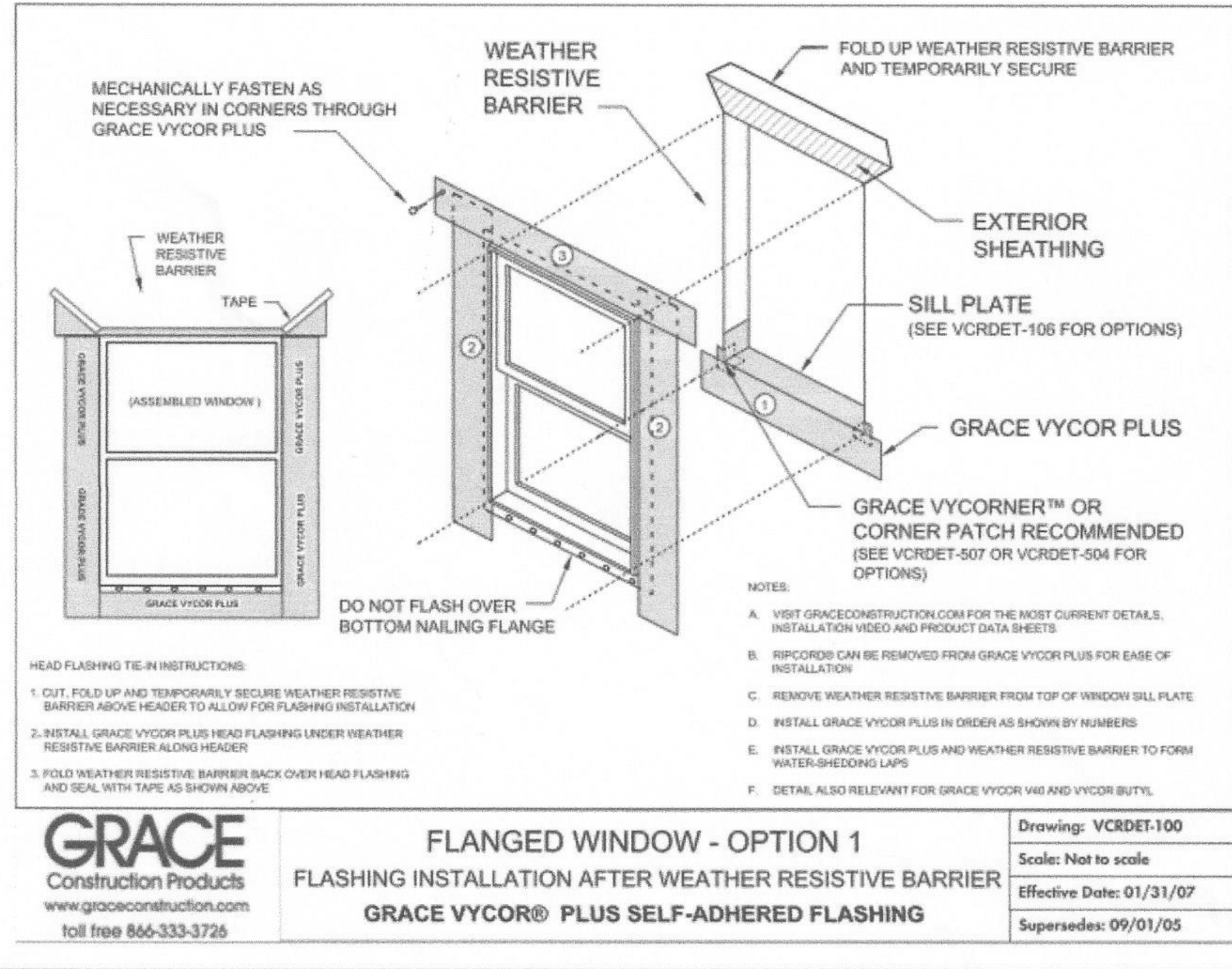
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105.4.1 Permit intent.
A permit issued shall be construed to be a license to proceed with the work and not as authority to violate, cancel, alter or set aside any of the provisions of the technical codes, nor shall issuance of a permit prevent the building official from thereafter requiring a correction of errors in plans, construction or violations of this code. Every permit issued shall become invalid unless the work authorized by such permit is commenced within 6 months after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 6 months after the time the work is commenced.



FRAME WALLS INTERSECTION DETAIL

SCALE: 1"=1'0"



PAN FLASHING UNDER WINDOWS AND DOORS ON FRAME CONSTRUCTION COMPLY WITH
AAMA-711 IF SELF ADHEARED MEMBRANES ARE USED AS FLASHING R703.4

- GENERAL NOTES
- CONTRACTOR TO VERIFY ALL DIMENSIONS PRIOR TO START OF CONSTRUCTION. DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
 - MASONRY CONTRACTOR TO VERIFY MASONRY OPENING DIMENSIONS FOR ALL WINDOWS, SLIDING GLASS DOORS & ENTRY DOORS, AS SHOWN ON THESE PLANS, WITH THE DOOR AND WINDOW MANUFACTURER PRIOR TO CONSTRUCTION.
 - IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHECK THESE PLANS FOR DIMENSIONAL ERRORS, AND/OR OMISSIONS EXIST IN THE DRAWINGS OR SPECIFICATIONS. THE CONTRACTOR SHALL NOTIFY HICKS DRAFTING & DESIGN, IN WRITING, WITHIN 10 DAYS OF RECEIPT OF PLANS, AND PRIOR TO ANY CONSTRUCTION, OR CONTRACTOR ASSUMES ALL THE RESPONSIBILITY FOR THE RESULTS AND ALL THE COSTS OF RECTIFYING THE SAME.
 - HICKS DRAFTING & DESIGN DOES NOT ASSUME ANY RESPONSIBILITY FOR SUPERVISION OF CONSTRUCTION. CONTRACTOR TO ADHERE STRICTLY TO THE (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, CHAPTER 3, AND SECTION 1604 OF THE (8TH EDITION) OF THE 2023 FLORIDA BUILDING CODE, TOGETHER WITH LOCAL AMENDMENTS, AND ALL OTHER APPLICABLE STATE, COUNTY, AND LOCAL STATUTES, ORDINANCES, REGULATIONS, AND RULES.

NOTE: MASTER PLANS
FEMA FLOOD ZONES CONSTRUCTION
NEW CONSTRUCTION OF ANY RESIDENTIAL STRUCTURE SHALL HAVE THE LOWEST FLOOR OR CONCRETE SLAB, INCLUDING GARAGE OR BASEMENT AND A/C UNIT AND ALL EQUIPMENT, ELEVATED TO FINISH FLOOR ELEV. OR ABOVE THE BASE FLOOD ELEVATION PLUS 1 FOOT. THIS SHALL APPLY TO HOUSES OR MANUFACTURED HOMES THAT ARE TO BE PLACED OR SUBSTANTIALLY IMPROVED ON SITES IN A NEW MANUFACTURED HOME PARK OR SUBDIVISION LCD CHAPTER 6, ARTICLE IV FLOOD HAZARD REDUCTION.

THIS RESIDENCE MAY NOT BE BUILT WITHIN 6'0" OF ANOTHER STRUCTURE OR 30' FROM ANY PROPERTY LINE PER SECTION R302.1(1) (INCLUDING OVERHANGS)

Alfred Quattrone

Digitally signed by Alfred Quattrone
DN: cn=Alfred Quattrone, o=Quattrone & Associates, Inc., email=al@quattrone.com, c=US

10-05-2024

Al Quattrone, Professional Engineer, State of Florida, License No. 52341.
This item has been digitally signed and sealed by Al Quattrone, P.E. on 10/05/2024.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Quattrone & Associates, Inc.
Engineers, Planners, & Development Consultants
4501 Venus Boulevard, Suite 100, Fort Myers, FL 33916 (239) 956-0222
AL QUATTRONE, P.E. #2241

COMPLIANCE STATEMENT
THESE PLANS HAVE BEEN DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER AND THE DESIGN PARAMETERS FOR THE (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, CHAPTER 3 IN GENERAL AND SECTION 1604 OF THE (8TH EDITION) OF THE 2023 FLORIDA BUILDING CODE.

REVISIONS:

08-08-2024

10-05-2024

HICKS DRAFTING & DESIGN	4216 5TH STREET W LEHIGH ACRES, FL. 33471	CELL: (239) 462-2734 E-MAIL: DHICKS928@AOL.COM
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BUILDER: HABITAT FOR HUMANITY 4 BEDROOM 2 BATH HOME / 160 MPH WIND LOADING	NEW HOUSE FOR: LOT- /BLOCK- /UNIT- /SECTION- TOWNSHIP- SOUTH/RANGE- EAST STRAP#: ADDRESS:
---	---

DRAWN BY

DAVID HICKS

DATE: 03-29-2021

SCALE: 1/4"=1'0"

JOB # 2024-046

SHEET

10 OF 10
SHEET

CAPE PALM 2 4/21 MODEL / LEFT HAND GARAGE / MONO FOOTER / 2023 CODE / 10 1/2" CANT

10-05-2024 REVISIONS

CAPE PALM 2 4/2/1-LHG WALL SCHEDULE			
WALL#	LENGTH	EXTERIOR OR INTERIOR	NOTES
1	11'-11 1/2"	EXTERIOR	2 X 4 SYP #2 WALL
2	9'-10"	EXTERIOR	2 X 4 SYP #2 WALL PLUMBING (WAS 2 X 6)
3	10'-4"	EXTERIOR	2 X 4 SYP #2 WALL
4	14'-0"	EXTERIOR	2 X 4 SYP #2 WALL
5	9'-2"	EXTERIOR	2 X 4 SYP #2 WALL
6	14'-11 1/2"	EXTERIOR	2 X 4 SYP #2 WALL
7	10'-6"	EXTERIOR	2 X 4 SYP #2 WALL
8	10'-5 1/2"	EXTERIOR	2 X 4 SYP #2 WALL
9	14'-4 1/2"	EXTERIOR	2 X 4 SYP #2 WALL
10	8'-0"	EXTERIOR	2 X 4 SYP #2 WALL
11	12'-7"	EXTERIOR	2 X 4 SYP #2 WALL
12	14'-7 1/2"	EXTERIOR	2 X 4 SYP #2 WALL
13	11'-4"	EXTERIOR	2 X 4 SYP #2 WALL
14	5'-10"	EXTERIOR	2 X 4 SYP #2 WALL
15	10'-2"	EXTERIOR	2 X 4 SYP #2 WALL
16	14'-3 1/2"	EXTERIOR	2 X 4 SYP #2 WALL

17	50	11'-8"	INTERIOR	2 X 4 SPF WALL	
18	51	3'-4"	INTERIOR	2 X 4 SPF WALL	
20	52	10'-3 1/2"	INTERIOR	2 X 4 SPF WALL	
21	53	4'-3-1/2"	INTERIOR	2 X 4 SPF WALL	
22	54	5'-9 1/2"	INTERIOR	2 X 6 SPF #2 PLUMBING	
23	55	2'-10"	INTERIOR	2 X 4 SPF WALL	(WAS 2 X 6)
24	56	3'-5"	INTERIOR	2 X 4 SPF WALL	
25	57	3'-5"	INTERIOR	2 X 4 SPF WALL	
26	58	11'-8"	INTERIOR	2 X 4 SPF WALL	
28	59	5'-9"	INTERIOR	2 X 4 SPF WALL	
29	60	3'-6 1/2"	INTERIOR	2 X 4 SPF WALL	
30	61	3'-3"	INTERIOR	2 X 4 SPF WALL	
31	62	5'-2"	INTERIOR	2 X 4 SPF WALL	
32	63	10'-2"	INTERIOR	2 X 4 SPF WALL	
33	64	8'-5"	INTERIOR	2 X 4 SPF #2 PLUMBING	(WAS 2 X 6)
34	65	5'-7 1/2"	INTERIOR	2 X 4 SPF WALL	
35	66	12'-5 1/2"	INTERIOR	2 X 4 SPF WALL	
36	67	5'-3"	INTERIOR	2 X 4 SPF WALL	
37	68	8'-5"	INTERIOR	2 X 4 SPF WALL	
38	69	5'-7 1/2"	INTERIOR	2 X 4 SPF WALL	
39	70	11'-4"	INTERIOR	2 X 4 SPF WALL	
40	71	12'-8"	INTERIOR	2 X 4 SYP #2 WALL	
41	72	14'-1"	INTERIOR	2 X 4 SYP #2 WALL	
42	73	7'-10"	INTERIOR	2 X 4 SPF #2 LOW PLUMBING (WAS 2 X 6)	
43	74	13'-8 1/2"	INTERIOR	2 X 4 SPF WALL	
44	75	6'-5 1/2"	INTERIOR	2 X 4 SPF WALL	
45	76	2'-1"	INTERIOR	2 X 4 SPF WALL	
46	77	10'-4"	INTERIOR	2 X 4 SPF WALL	
78					
79					
80					

NOTE: ALL DIMENSIONS AS PER BUILDER

CAPE PALM 2 4/2/1-LHG MODEL LVL BEAM SCHEDULE		
BEAM #	LENGTH	BEAM TYPE
A	9'-10"	(2) FLY 1 3/4" X 11 7/8" LVL BEAM
B	14'-4"	(2) FLY 1 3/4" X 11 7/8" LVL BEAM
C	6'-9-1/2"	(2) FLY 1 3/4" X 11 7/8" LVL BEAM
D	6'-10-3/4"	(2) FLY 1 3/4" X 11 7/8" LVL BEAM
CAPE PALM 2 4/2/1-LHG MODEL 2 X 12 SYP. BEAM SCHEDULE		
BEAM #	LENGTH	BEAM TYPE
E	9'-8"	(2) 2 X 12 SYP. W/ 1/2" PLYWOOD FLITCH PLATES (GLUED & NAILED)
F	4'-0"	(2) 2 X 12 SYP. W/ 1/2" PLYWOOD FLITCH PLATES (GLUED & NAILED)
G	12'-7"	(2) 2 X 12 SYP. W/ 1/2" PLYWOOD FLITCH PLATES (GLUED & NAILED)
H	6'-2"	(2) 2 X 12 SYP. W/ 1/2" PLYWOOD FLITCH PLATES (GLUED & NAILED)

MASTERED PLAN
CAPE CORAL BUILDING DIVISION

BY: MK DATE: 11/08/2024

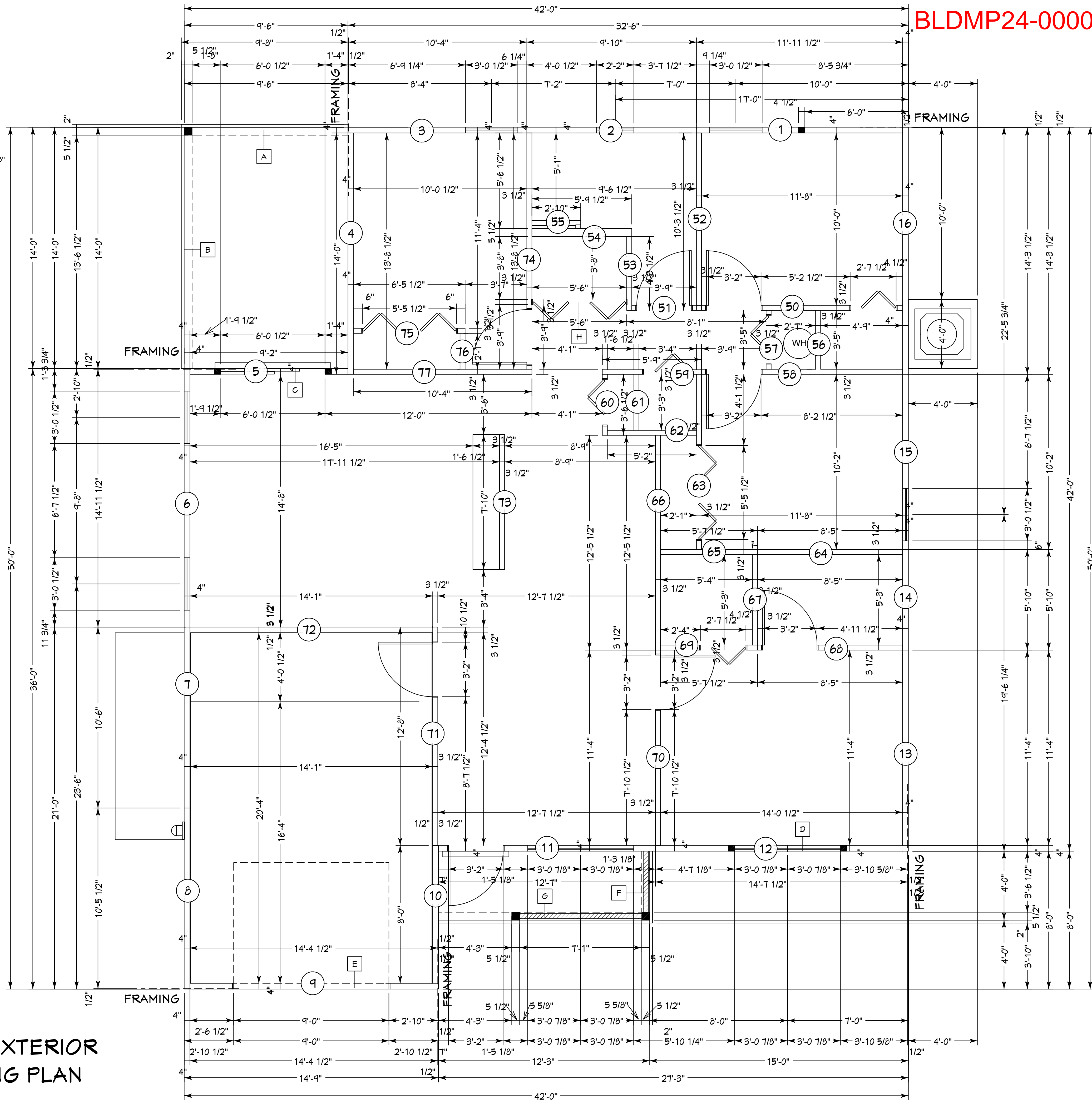
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- R.O. OPENINGS FOR DOORS AND WINDOWS
- (2) 3068 EXTERIOR SLIDING GLASS DOORS 72 1/2" X 81 3/8"
- 3068 EXTERIOR DOOR 38" X 81 3/8"
- 3068 INTERIOR DOOR 38" X 81"
- 2068 BI-FOLD DOOR 25 1/2" X 80"
- 2868 BI-FOLD DOOR 33 1/2" X 80"
- 3068 BI-FOLD DOOR 37 1/2" X 80"
- 5068 BI-FOLD DOOR 61 1/2" X 80"
- 5468 BI-FOLD DOOR 65" X 80"
- 6068 BI-FOLD DOOR 73 1/2" X 80"
- SH-25 SINGLE HUNG WINDOW 36 1/2" X 62 3/4"
- (2) SH-25 SINGLE HUNG WINDOW 73 3/4" X 62 3/4"
- H-33-SH SINGLE HUNG WINDOW 26" X 38 1/8"

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INTERIOR & EXTERIOR
WALL FRAMING PLAN
SCALE: N.T.S.

NOTE: EXTERIOR WOOD WALLS ARE 3 1/2" WIDE WITH 15/32" PLYWOOD (4" TOTAL) UNLESS NOTED DIFFERENT.
INTERIOR WOOD WALLS ARE 3 1/2" & 5 1/2" WIDE WOOD WALLS UNLESS NOTED DIFFERENT.



BLDMP24-000045

Alfred Quattrone
Digitally signed by Alfred Quattrone
Date: 2024.10.07 13:17:30
Al Quattrone, P.E. (0157232)
Professional Engineer, State of Florida, License No. 52741
This item has been digitally signed and sealed by Al Quattrone, P.E. (0157232)
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

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TOWNSHIP- SOUTH/RANGE- STRAP# ADDRESS: ADDRESS:	

DRAWN BY DAVID HICKS
DATE: 03-29-2021
SCALE: 1/4"=1'0"
JOB # 2024-046
SHEET
SH-1 SH-1 OF SHEET

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