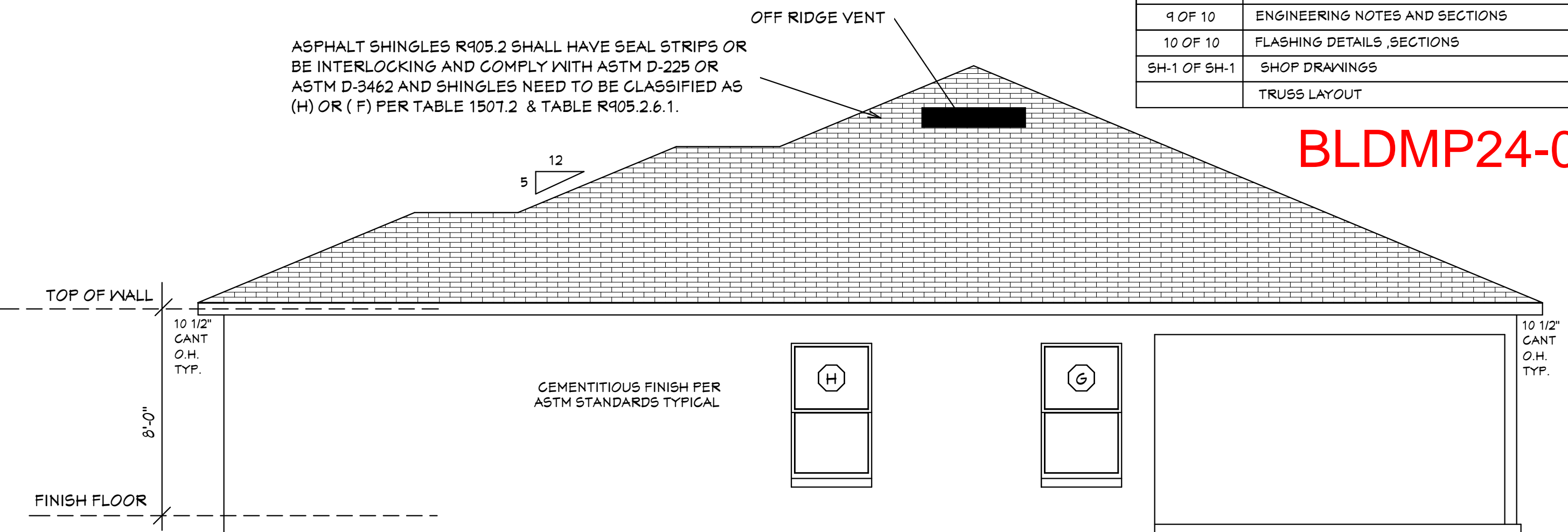


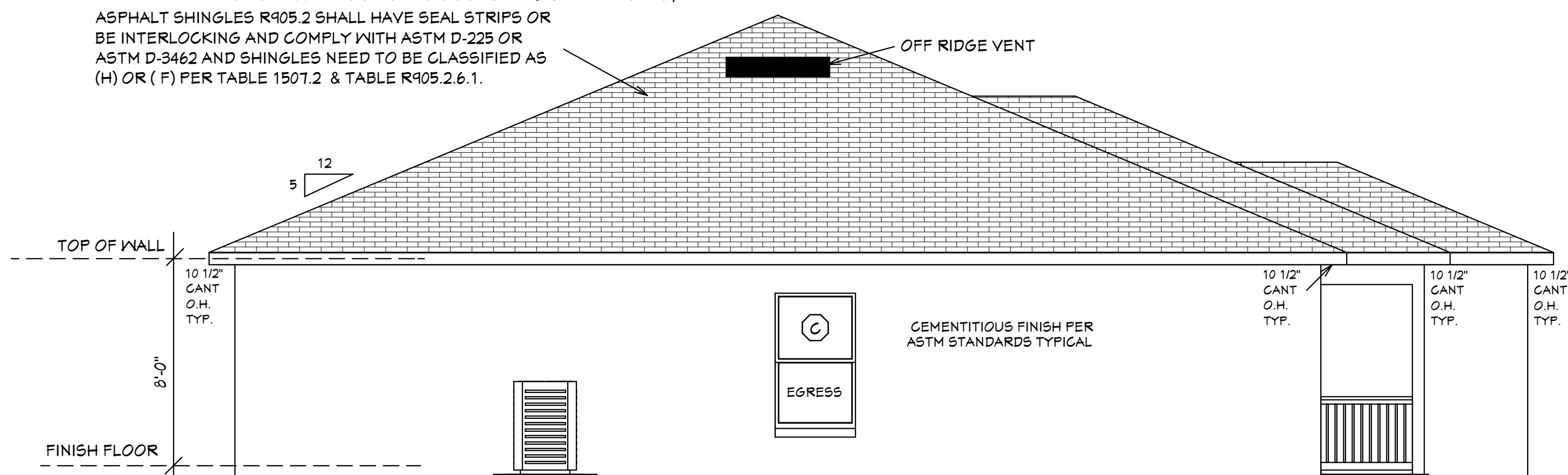
TRUSS LIABILITY EXCLUSION NOTE
Quattrone and Associates, Inc. (QAI) did not prepare or design the truss plans attached to this file. The engineer of record on the truss plan is responsible for the truss engineering, reactions and uplifts. QAI is only referencing the truss plans for the purpose of designing 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

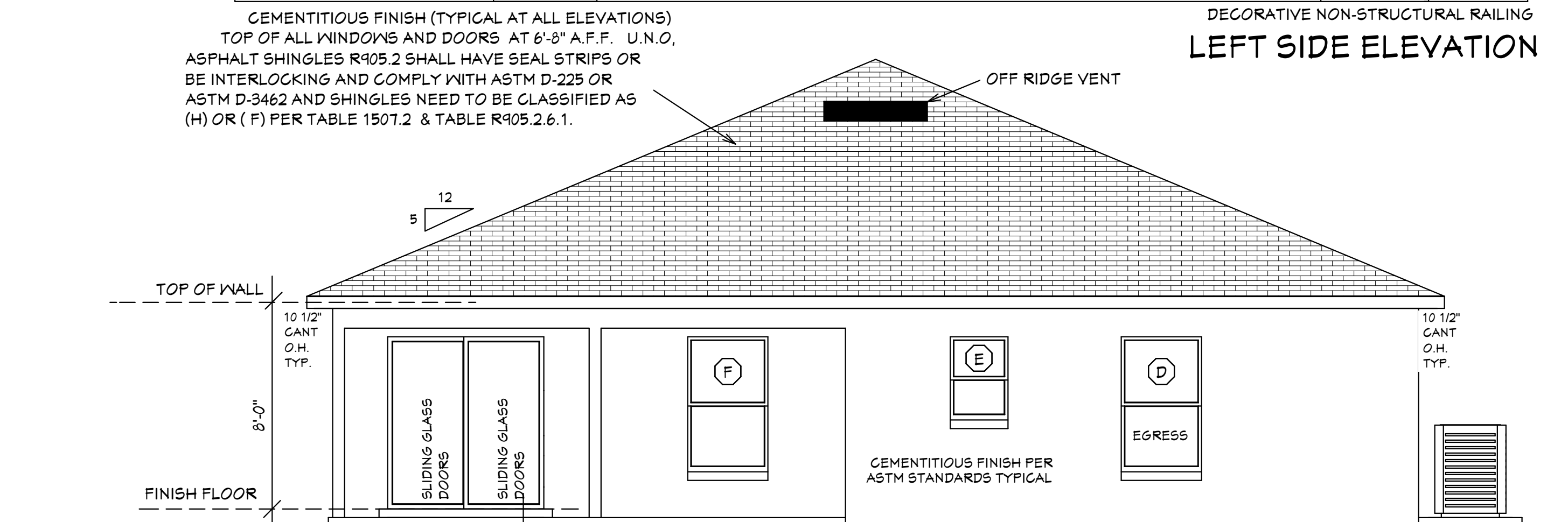
BLDMP24-000043



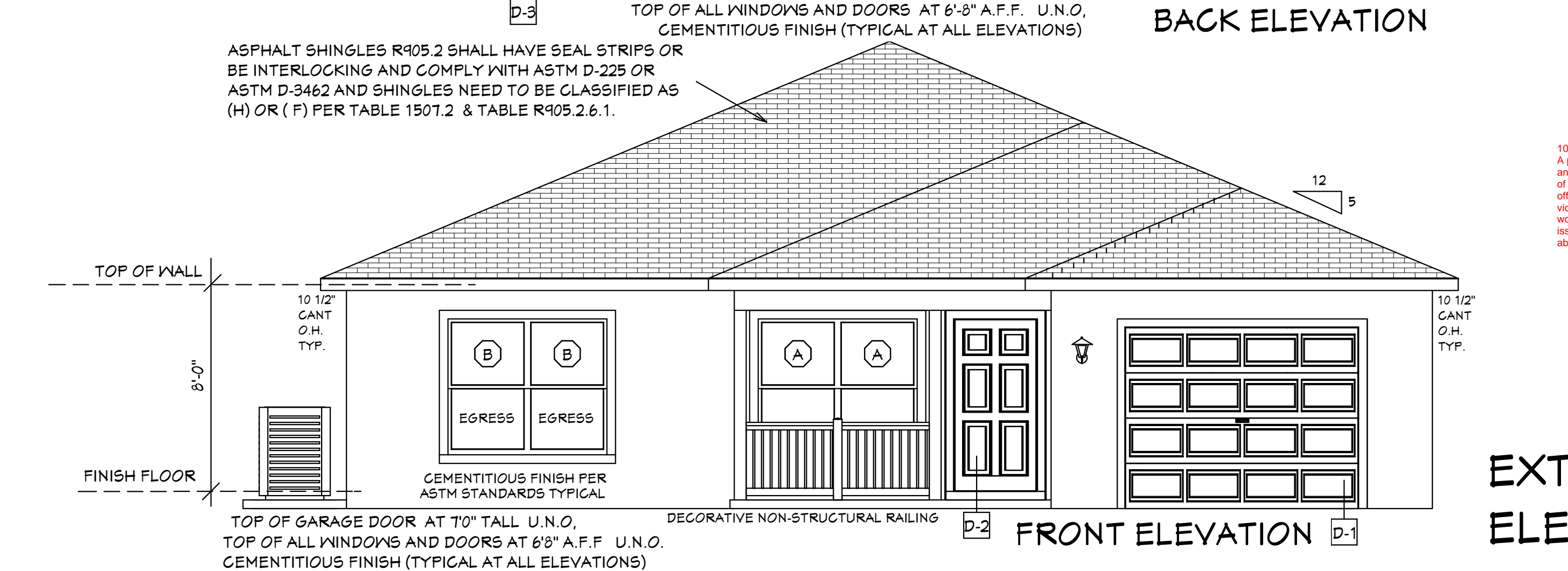
RIGHT SIDE ELEVATION



LEFT SIDE ELEVATION



BACK ELEVATION



FRONT ELEVATION

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 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.

EXTERIOR ELEVATIONS

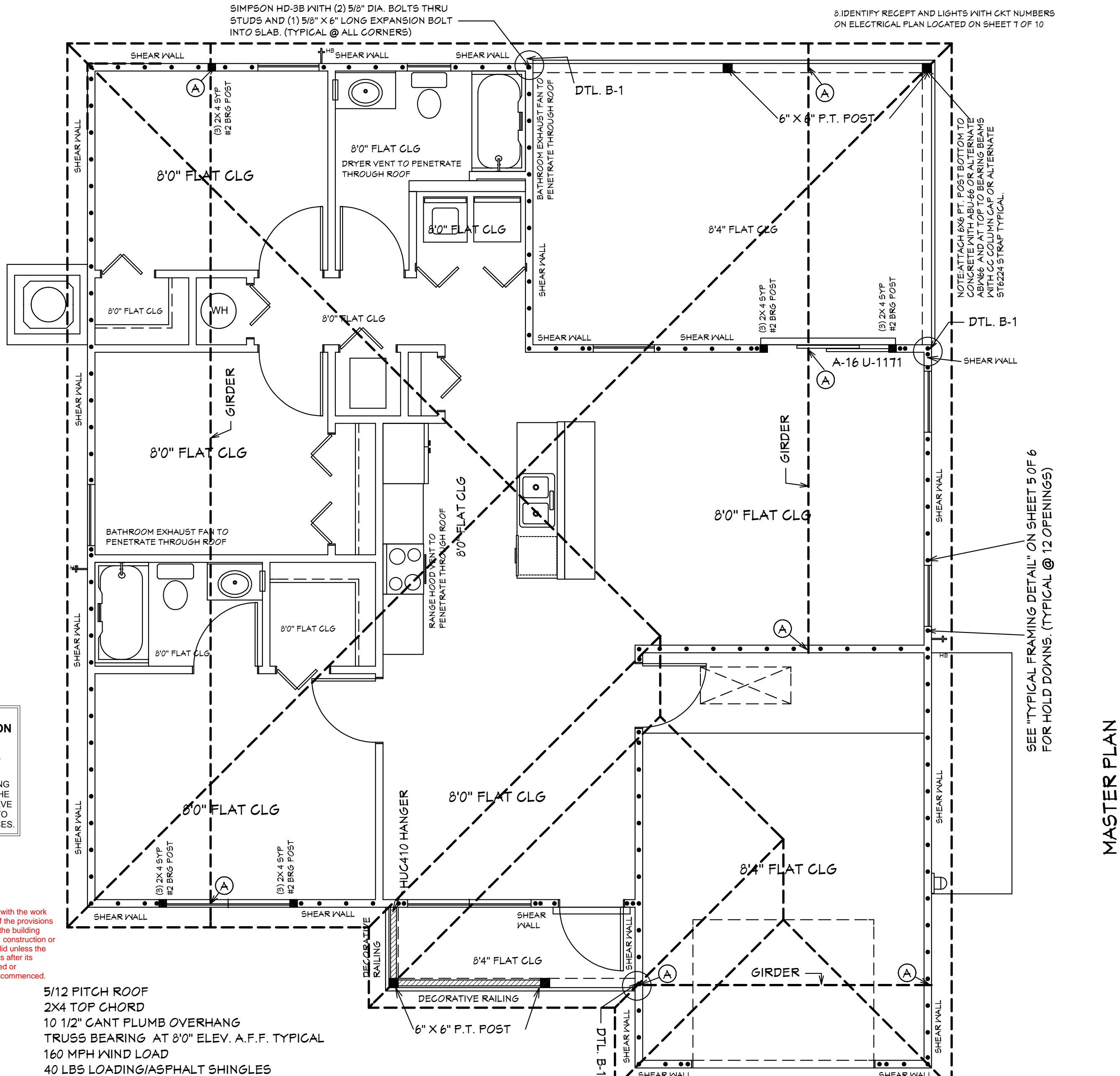
DESIGN PARAMETERS:

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 1609 OF THE (8TH EDITION) OF THE 2023 FLORIDA BUILDING CODE
BASIC WIND SPEED:
☐ 110 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:
☐ 0.7T (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 H - HAZARDOUS
☐ GROUP I - INSTITUTIONAL
☐ GROUP M - MERCANTILE
☒ GROUP R - RESIDENTIAL
☐ GROUP S - STORAGE
TORNADO BASIC WIND SPEED:
☒ RISK CATEGORY II = N/A
☐ 110 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, OR 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 1609 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 9 OF 10
2. REVISED DESIGN PRESSURES FOR KAYCAN SOFFITS. REFER TO PRODUCT APPROVAL SHEET LOCATED ON SHEET 9 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 GFCI 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 CAT NUMBERS ON ELECTRICAL PLAN LOCATED ON SHEET 7 OF 10



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

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.

NOTE: ATTACH 6X6 FT. POST BOTTOM TO CONCRETE WITH ABU-66 OR ALTERNATE ABW66 AND AT TOP TO BEARING BEAMS WITH CC COLUMN CAP OR ALTERNATE ST6224 STRAP TYPICAL.

ROOF PLANE PLAN

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

(A) ANCHOR GIRDER TRUSS WITH (1) SIMPSON HTS-20 (TYPICAL)
(B) ANCHOR GIRDER TRUSS WITH (2) SIMPSON HTS-20 (TYPICAL)

Alfred Quattrone
Digitally signed by Alfred Quattrone
Date: 2024.10.07 16:53:06
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.
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 1609 OF THE (8TH EDITION) OF THE 2023 FLORIDA BUILDING CODE.
Quattrone & Associates, Inc.
Engineers, Planners, & Development Consultants
4301 Venetia Boulevard, Fort Myers, FL 33916 (239) 555-5222
AL QUATTRONE, P.E. #52741

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
3 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 # 2024-049

SHEET

1 OF 10
OF SHEET

TABLE R803.2.3.1

ROOF SHEATHING ATTACHMENTa, b

Rafter/Truss Spacing24 in. o.c.	WIND SPEED															
	115 mph	120 mph	130 mph	140 mph	150 mph	160 mph	170 mph	180 mph								
	E	F	E	F	E	F	E	F	E	F	E	F	E	F	E	F
Exposure B																
Rafter/Truss SG = 0.42	6	6	6	6	6	6	6	6	4	4	4	4	4	4	4	4
Rafter/Truss SG = 0.49	6	12	6	12	6	6	6	6	6	6	6	6	6	6	6	6
Exposure C																
Rafter/Truss SG = 0.42	6	6	6	6	6	6	4	4	4	4	4	4	3	3	3	3
Rafter/Truss SG = 0.49	6	6	6	6	6	6	6	6	6	6	6	6	4	4	4	4
Exposure D																
Rafter/Truss SG = 0.42	6	6	6	6	4	4	4	4	4	4	3	3	3	3	3	3
Rafter/Truss SG = 0.49	6	6	6	6	6	6	6	4	4	4	4	4	4	4	4	4

E = Nail spacing along panel edges (inches)

F = Nail spacing along intermediate supports in the panel field (inches)

a. For sheathing located a minimum of 4 feet from the perimeter edge of the roof, including 4 feet on each side of ridges and hips, nail spacing is permitted to be 6 inches on center along panel edges and 6 inches on center along intermediate supports in the panel field.

b. Where rafter/truss spacing is less than 24 inches on center, roof sheathing fastening is permitted to be in accordance with the AWC WFCM or the AWC NDS.

R803.2.2 Allowable spans.

The minimum thickness and span rating for wood structural panel roof sheathing shall not exceed the values set forth in Table R803.2.2.

TABLE R803.2.2

MINIMUM ROOF SHEATHING THICKNESS

Rafter/Truss Spacing24 in. o.c.	WIND SPEED															
	115 mph	120 mph	130 mph	140 mph	150 mph	160 mph	170 mph	180 mph								
Minimum Sheathing Thickness, inches (Panel Span Rating) Exposure B	7/16(24/16)	7/16(24/16)	7/16(24/16)	7/16(24/16)	15/32(32/16)	15/32(40/2)	15/32(40/2)	15/32(40/2)	19/32(48/2)	19/32(48/2)	19/32(48/2)	19/32(48/2)	19/32(48/2)	19/32(48/2)	19/32(48/2)	19/32(48/2)
Minimum Sheathing Thickness, inches (Panel Span Rating) Exposure C	7/16(24/16)	7/16(24/16)	15/32(32/16)	19/32(40/2)	19/32(40/2)	19/32(40/2)	19/32(40/2)	19/32(40/2)	23/32(48/2)	23/32(48/2)	23/32(48/2)	23/32(48/2)	23/32(48/2)	23/32(48/2)	23/32(48/2)	23/32(48/2)
Minimum Sheathing Thickness, inches (Panel Span Rating) Exposure D	15/32(32/16)	19/32(40/2)	19/32(40/2)	19/32(40/2)	19/32(40/2)	19/32(40/2)	19/32(40/2)	19/32(40/2)	23/32(48/2)	23/32(48/2)	23/32(48/2)	23/32(48/2)	23/32(48/2)	23/32(48/2)	23/32(48/2)	23/32(48/2)

BLDMP24-000043

GENERAL NOTES

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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 OR CONTRACTOR ASSUMES ALL THE RESPONSIBILITY FOR THE RESULTS AND ALL THE COSTS OF RECTIFYING THE SAME.

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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 6'0" OF ANOTHER STRUCTURE OR 5'0" FROM ANY PROPERTY LINE PER SECTION R302.1(1) (INCLUDING OVERHANGS)

Alfred Quattone
Professional Engineer
Florida License No. 52741
This item has been digitally signed and sealed by Alfred Quattone, 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.

Quattone & Associates, Inc.
Engineers, Planners, & Development Consultants
4301 Ventura Boulevard, Fort Myers, FL 33916 (239) 555-5222
ALQUATTONE@AOL.COM

COMPLIANCE STATEMENT
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REVISIONS:

08-08-2024

10-05-2024

HICKS DRAFTING & DESIGN

4216 5TH STREET W
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BUILDER: HABITAT FOR HUMANITY
3 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"

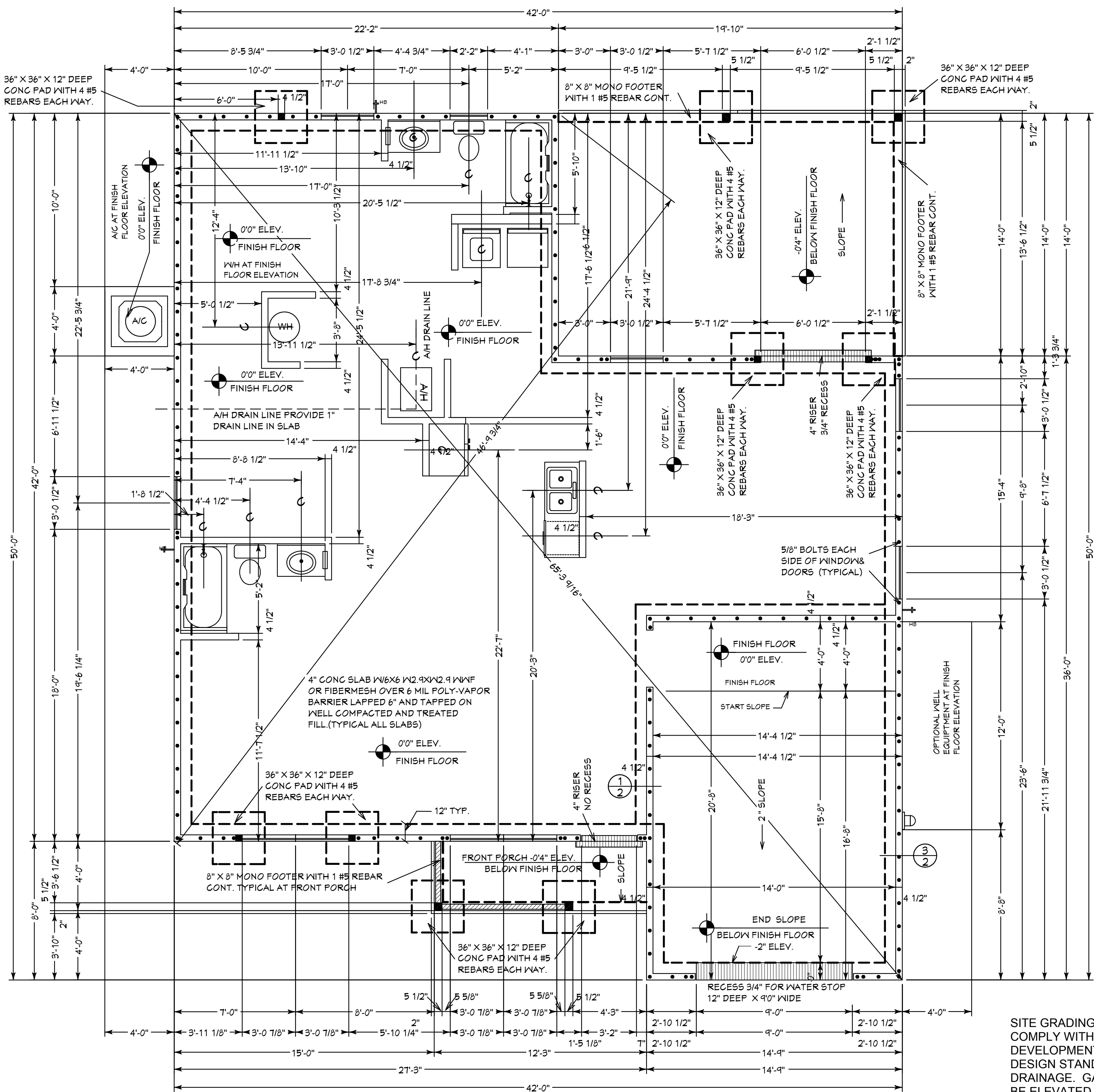
JOB # 2024-049

SHEET

2 OF 10
SHEET

CAPE PALM 1 3/21 MODEL / RIGHT HAND GARAGE / MONO FOOTER / 2023 CODE / 10 1/2" CANT

10-05-2024 REVISIONS



ALLOW FOR ELECTRICAL IN SLAB AS REQ BY OWNER OR BUILDER ELECTRICAL CONTRACTOR TO VERIFY NEEDS WITH CONTRACTOR PRIOR TO START OF CONSTRUCTION.

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

PROVIDE 1" PVC DRAIN LINE FOR AIR HANDLER

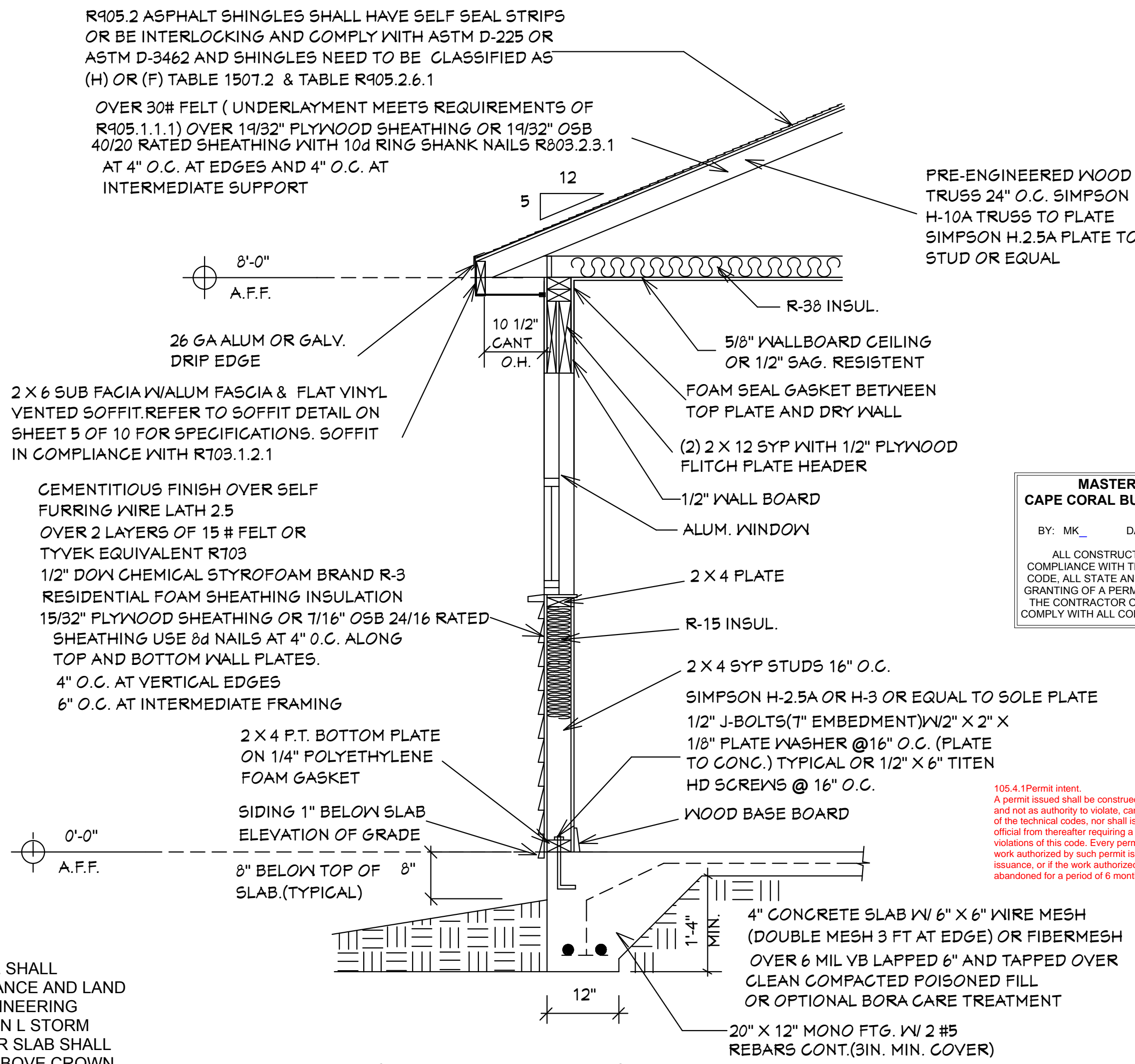
NOTE: ALL EXTERIOR WALLS ARE 3 1/2" WIDE WOOD WALL WITH 15/32" PLYWOOD AND 1/2" DRYWALL (4 1/2" TOTAL) UNLESS NOTED DIFFERENT

NOTE: ALL INTERIOR WALLS ARE 3 1/2" AND 5 1/2" WIDE WOOD WALLS WITH 1/2" DRYWALL EACH SIDE (4 1/2" & 6 1/2" TOTAL) UNLESS NOTED DIFFERENT.

NOTE: IN ACCORDANCE WITH CHAPTER 7 ASCE 24 ATTENDANT UTILITIES A/C AND W/H AND ALL OTHER EQUIPMENT SHALL BE LOCATED AT FINISH FLOOR ELEVATION OR ABOVE THE MINIMUM FLOOD ELEVATION BFE +1 FOOT OF FREEBOARD WITH THE EXCEPTION OF RISERS OR UNDERGROUND LINES. IT IS ACCEPTABLE FOR THE LOCATION OF A/C AND W/H EQUIPMENT AND OTHER UTILITY PAD LOCATIONS TO BE MOVED AS REQUIRED TO A DIFFERENT LOCATION OR DELETED IF NOT REQUIRED. REFER TO SITE PLAN FOR ACTUAL LOCATIONS OF UTILITY PADS.

SITE GRADING & DRAINAGE SHALL COMPLY WITH CITY ORDINANCE AND LAND DEVELOPMENT CODE, ENGINEERING DESIGN STANDARDS SECTION I STORM DRAINAGE. GARAGE FLOOR SLAB SHALL BE ELEVATED TO 12" MIN. ABOVE CROWN OR ROAD.

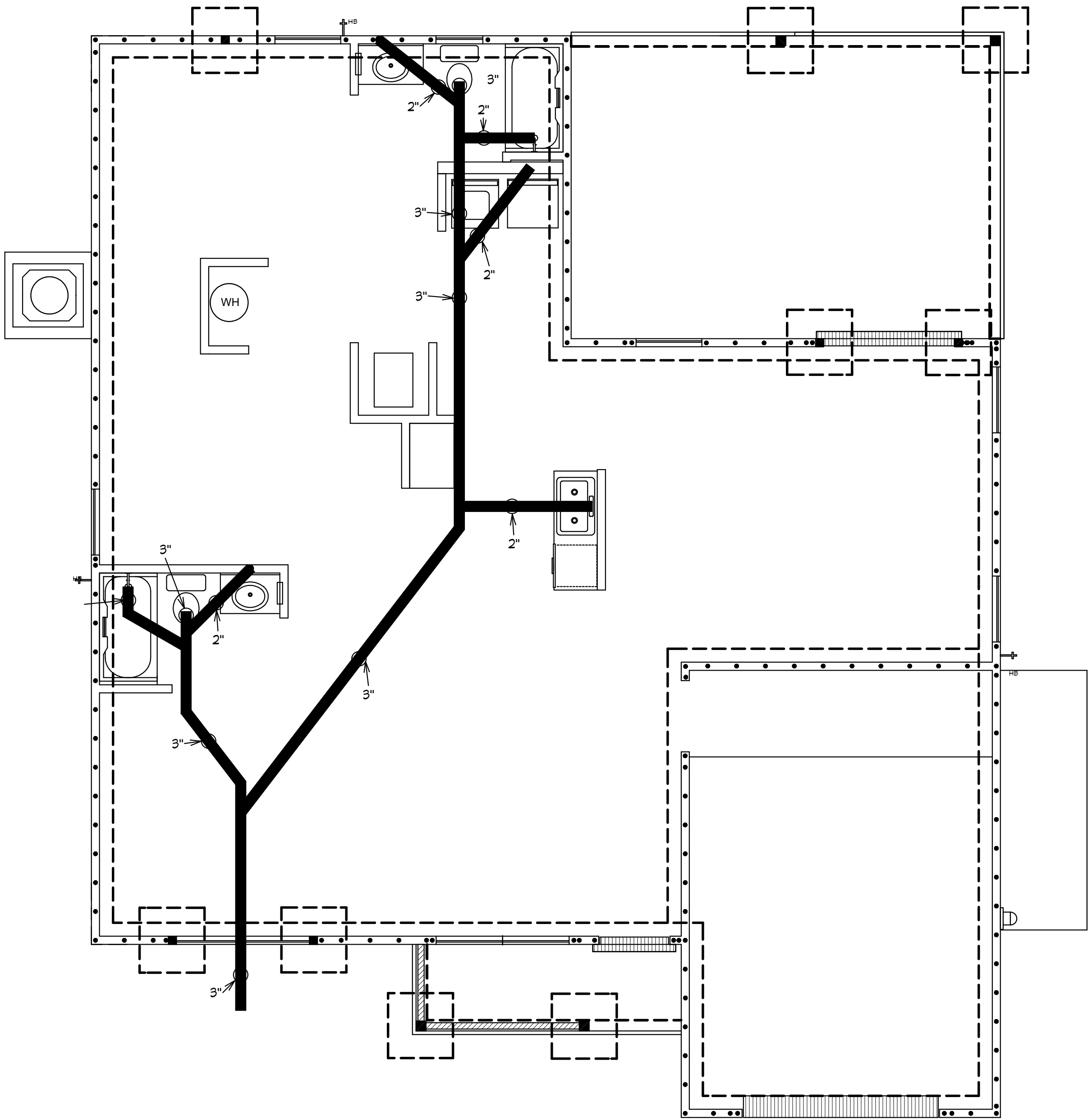
FOUNDATION PLAN



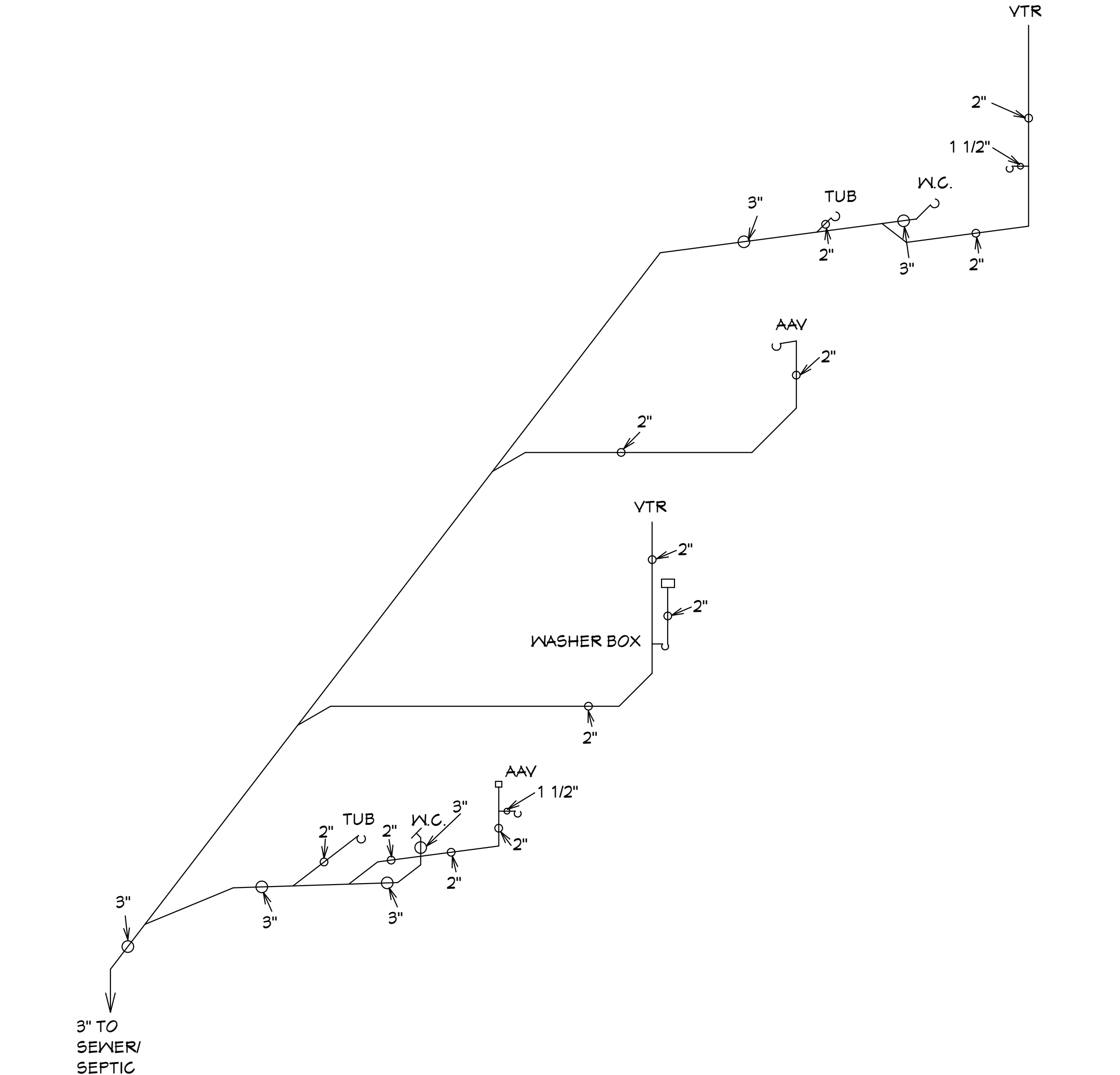
TYPICAL WALL SECTION

3/4" = 1'-0"

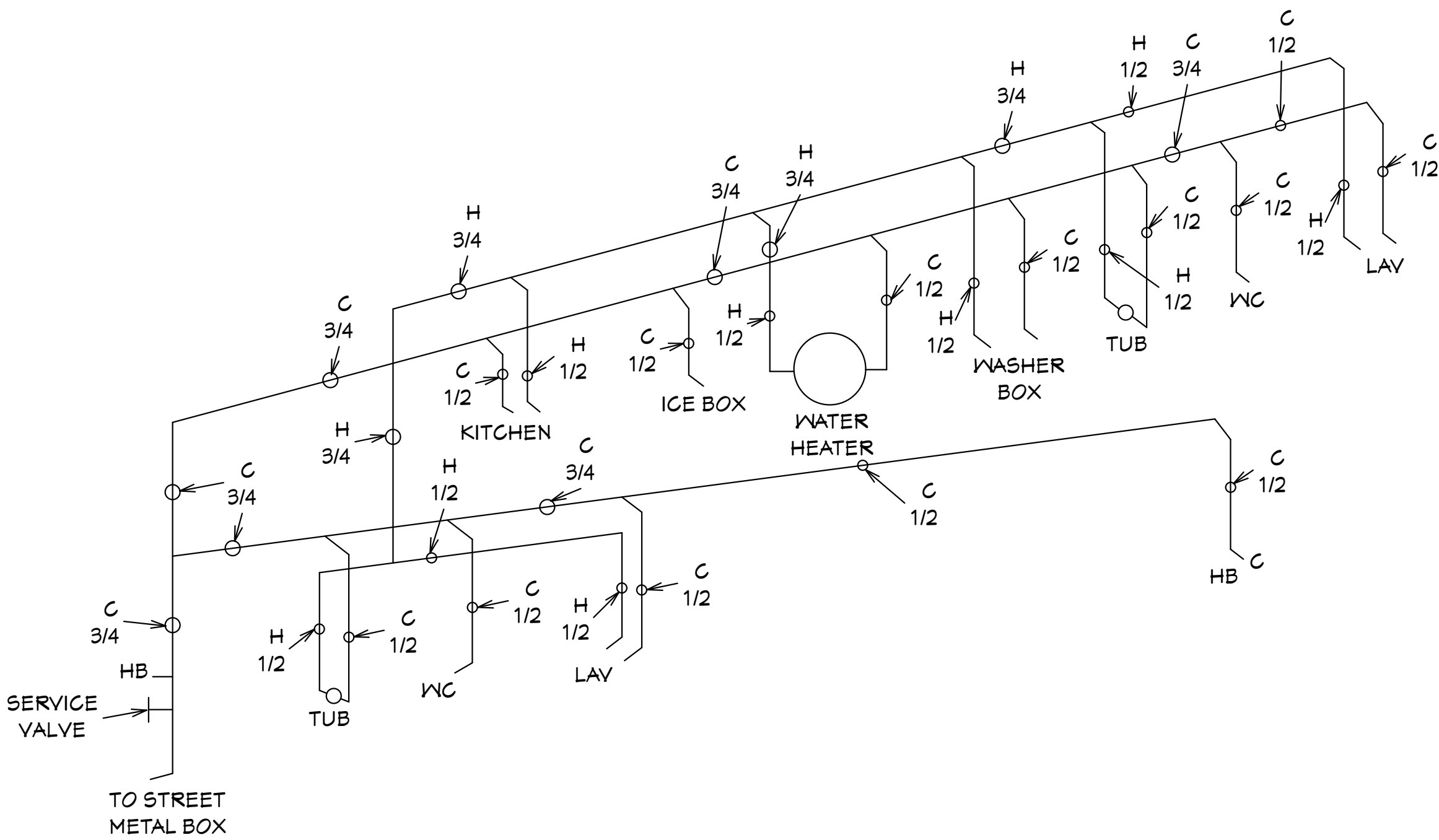
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PLUMBING FLOOR PLAN



PLUMBING OUT GOING ISOMETRIC



PLUMBING IN COMING ISOMETRIC

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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.

CAPE PALM 1 3/211 MODEL / RIGHT HAND GARAGE / MONO FOOTER / 2023 CODE / 10 1/2" CANT

10-05-2024 REVISIONS

Alfred Quattrone

Digitally signed by Alfred Quattrone
Date: 2024-10-07 16:52:35
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.

Quattrone & Associates, Inc.

Engineers, Planners, & Development Consultants
4301 Venetia Boulevard, Fort Myers, FL 33916 (239) 555-5222
AL QUATTRONE, P.E. #52741

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

DRAWN BY
DAVID HICKS
DATE: 03-29-2021
SCALE: 1/4"=1'0"
JOB # 2024-049
SHEET
3 OF 10
SHEET

BLDMP24-000043

REVIEWED FOR
PLUMBING CODE COMPLIANCE
WITH THE CAPE CORAL
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BY: JM DATE: 10/25/2024

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COMPLY WITH ALL CODES AND ORDINANCES

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 THE PLANS. THE DOOR AND WINDOW MANUFACTURER PRIOR TO CONSTRUCTION.

3. IT IS THE CONTRACTORS 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 P.C. IN WRITING, WITHIN 10 DAYS OF RECEIPT OF PLANS, AND PRIOR TO ANY CONSTRUCTION, OR CONTRACTOR ASSUMES ALL THE RESPONSIBILITY FOR THE REVIEW 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 1608 OF THE (8TH EDITION) OF THE 2023 FLORIDA BUILDING CODE, TOGETHER WITH ALL 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 WH/ AND ALL
EQUIPMENT, ELEVATED TO FINISH FLOOR ELEV. OR
ABOVE THE BASE FLOOR 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 5'0" FROM ANY PROPERTY LINE
PER SECTION R302.1(1) (INCLUDING OVERHANGS)

Quattrone & Associates, Inc.
Engineers, Planners, & Development Consultants
4301 Venetian Shorefront Blvd. Fort Myers, FL 33916 (239) 936-5222 Quatnec
3000 Venetian Shorefront Blvd. Fort Myers, FL 33916 (239) 936-5222 Quatnec
Certificate of Authorization Number: 9465
AL GUATTARONE P.E.# 52741

COMPLIANCE STATEMENT
THESE PLANS HAVE BEEN DESIGNED BY A REGISTERED PROFESSIONAL
ENGINEER AND THE DESIGN PARAMETERS FOR THE 6TH EDITION OF THE
FLORIDA BUILDING CODE (1994 EDITION) HAVE BEEN USED. THE
DESIGNER HAS REVIEWED THE 2023 FLORIDA BUILDING CODE
SECTION 1604 OF THE (6TH EDITION) OF THE 2023 FLORIDA BUILDING CODE.

Alfred Quattrone
Al Quattrone, Professional Engineer
State of Florida, License No. 52741
This item has been digitally signed and sealed by
Al Quattrone, 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.

Digitally signed
by Alfred Quattrone
Date: 2024.10.07 16:52:19
10-05-2024

REVISIONS

08-08-2024

10-05-2024

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

BUILDER: HABITAT FOR HUMANITY
33 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

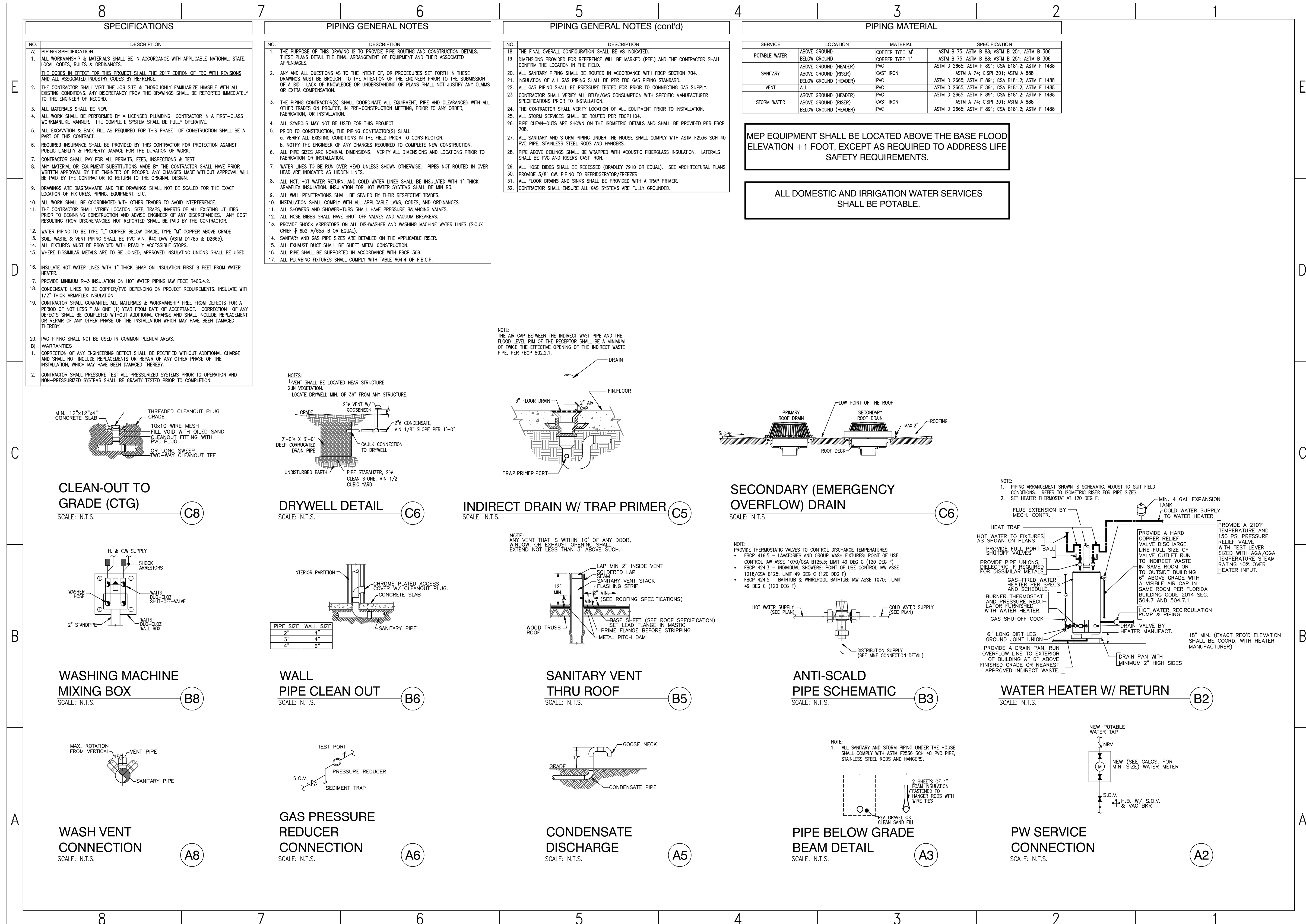
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SCALE: 1/4" = 1'0"

JOB # 2024-049

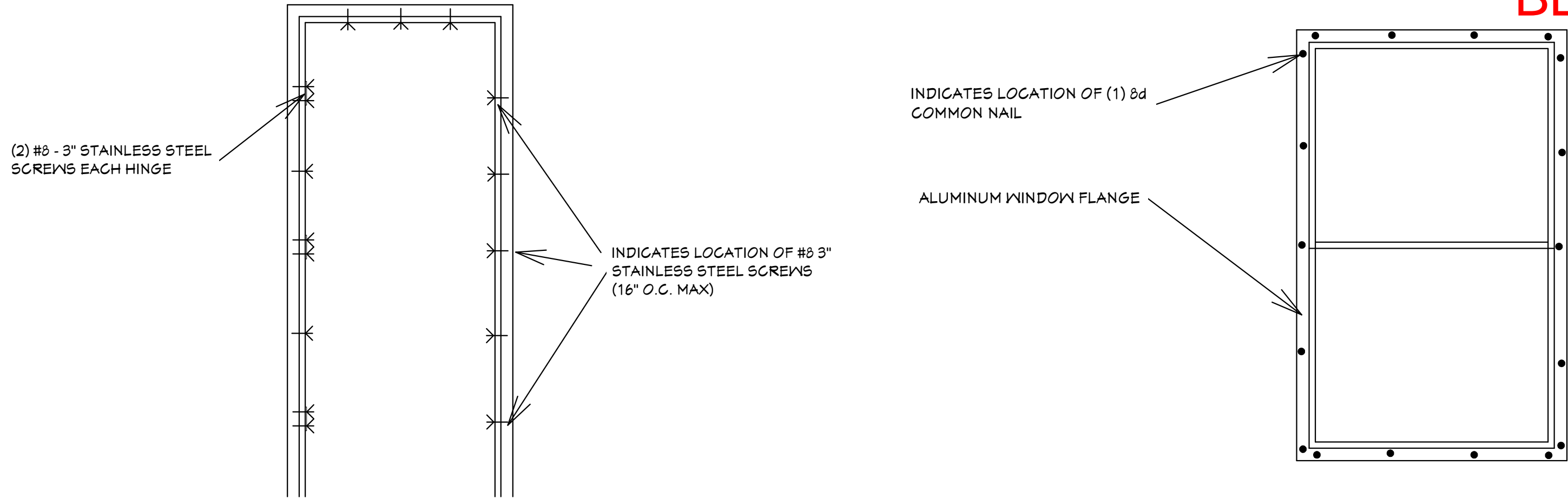
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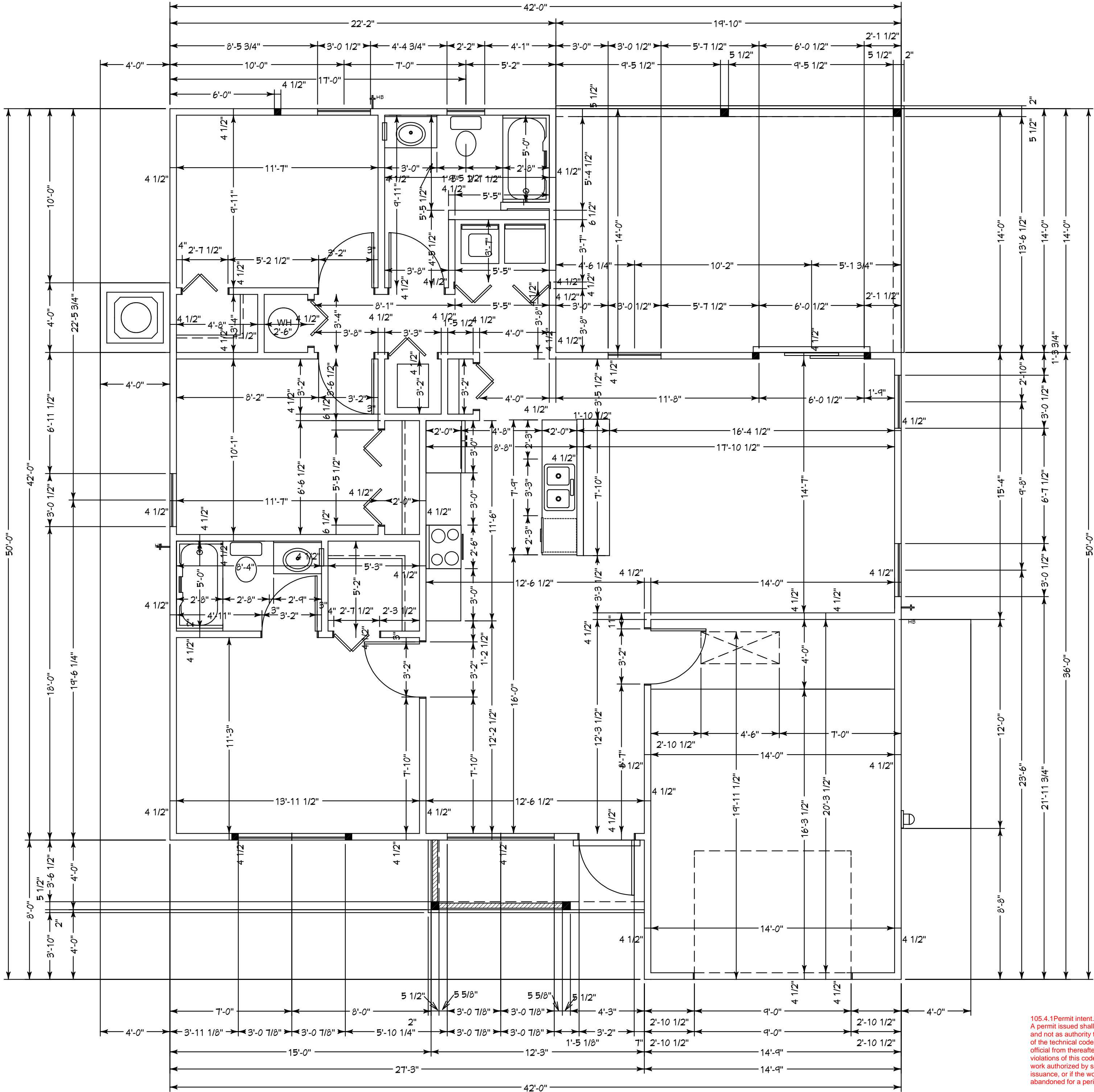
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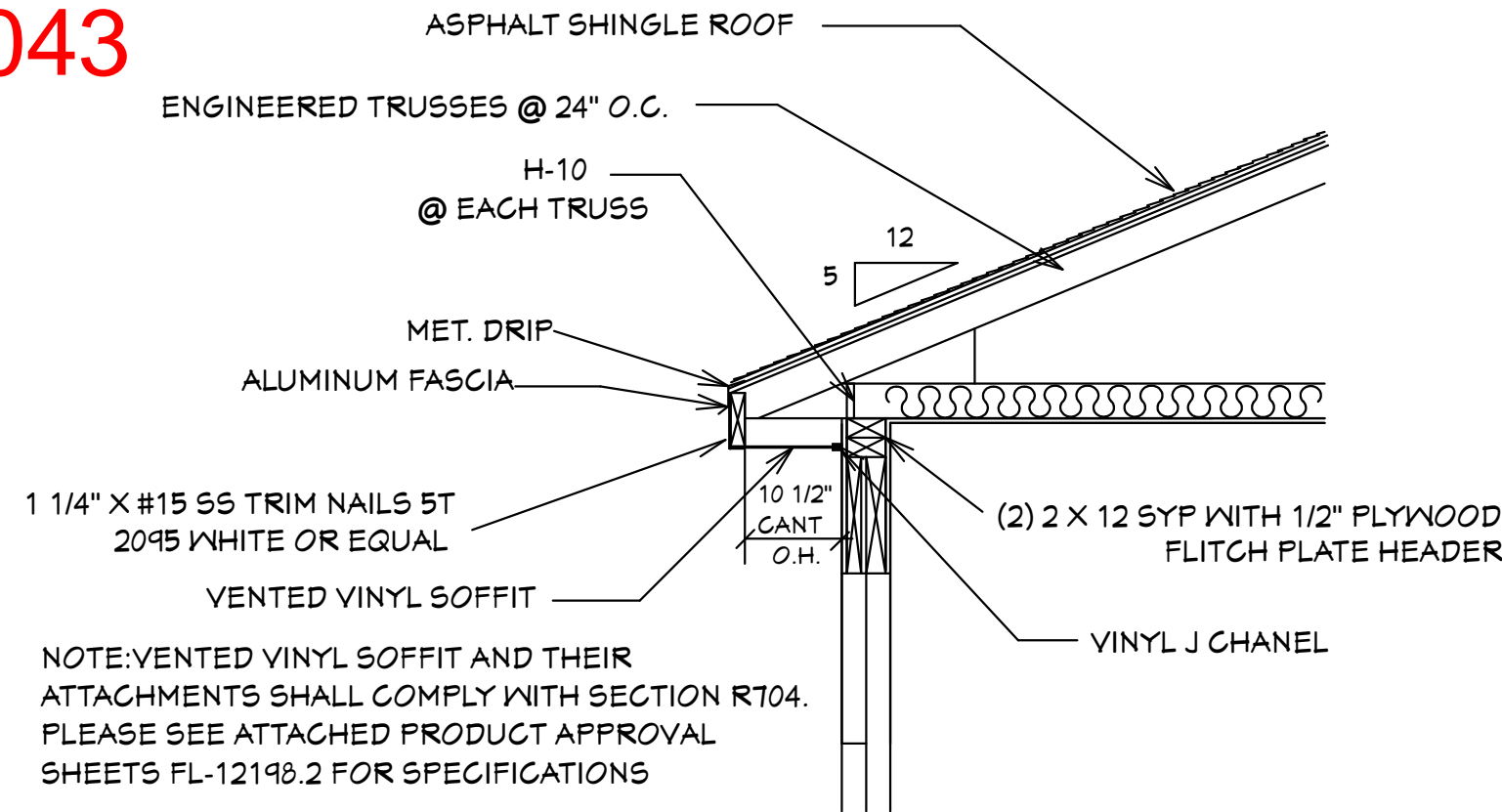


TYPICAL DOOR INSTALLATION DETAIL

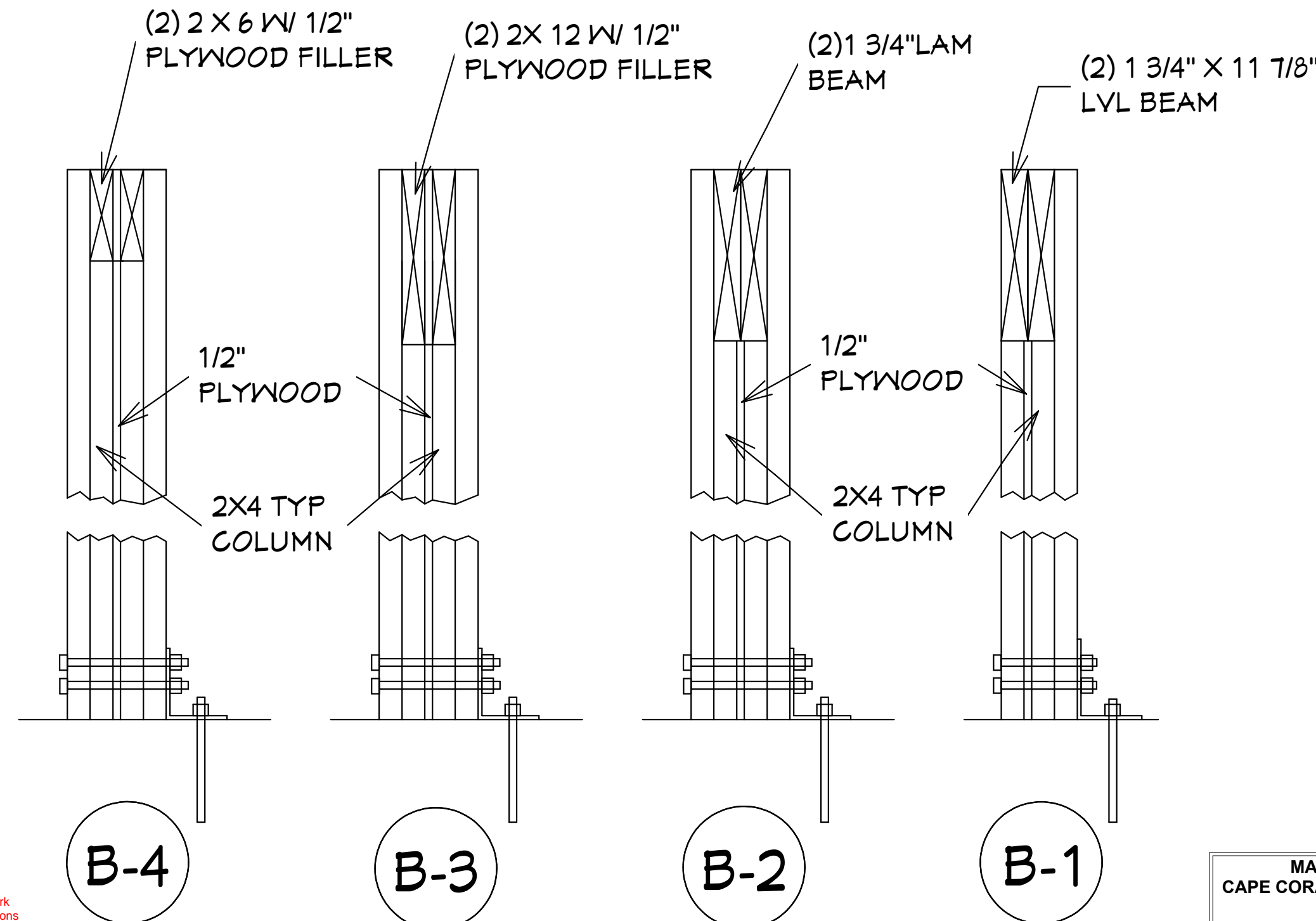
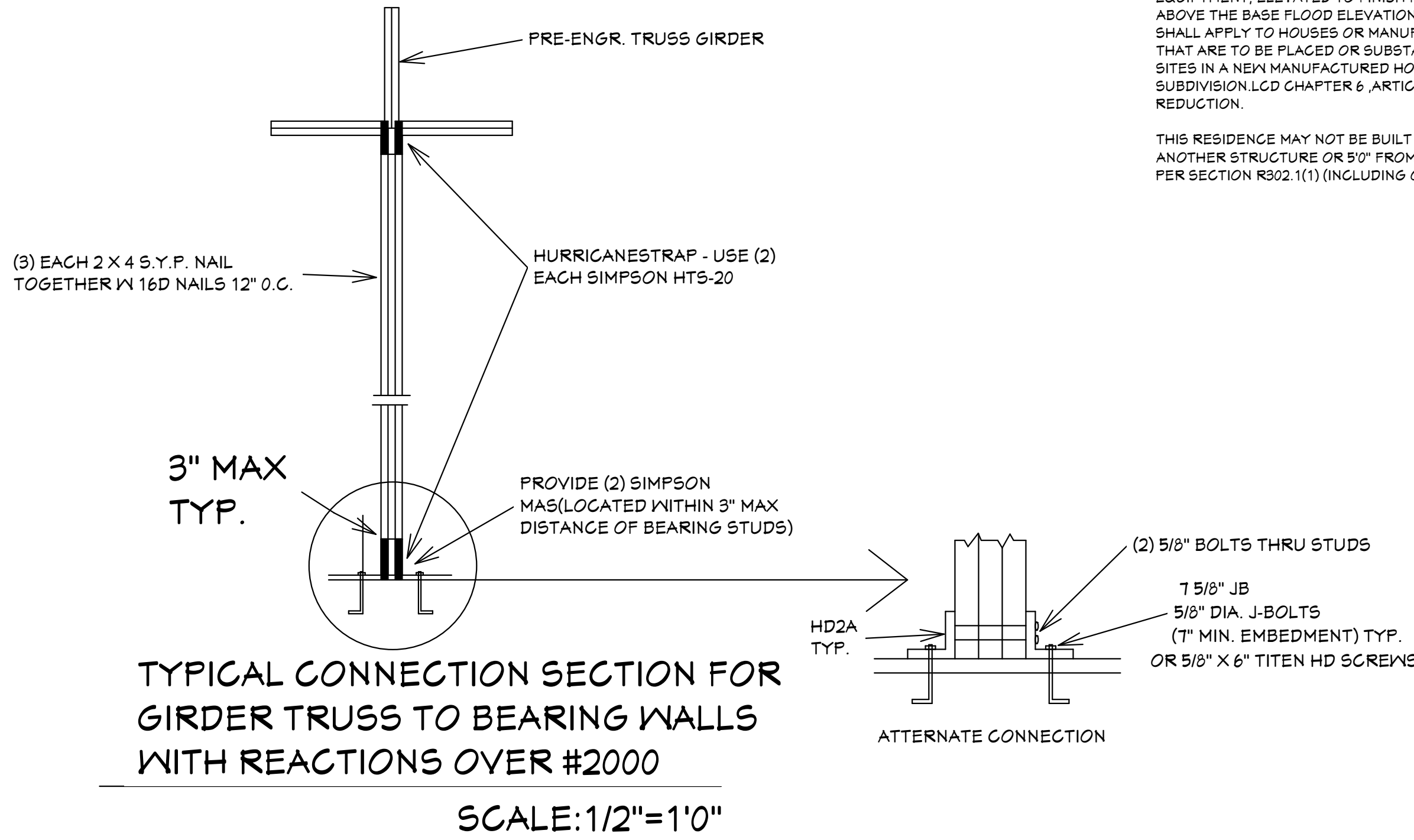
TYPICAL WINDOW INSTALLATION DETAIL



DIMENSIONAL FLOOR PLAN



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



DETAIL

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

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. OR CONTRACTOR ASSUMES ALL THE RESPONSIBILITY FOR THE RESULTS AND ALL THE COSTS OF RECTIFYING THE SAME.

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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 ACJWH 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 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 16:52:06
Al Quattrone, P.E., on 10/07/2024.

Quattrone & Associates, Inc.
Engineers, Planners, & Development Consultants
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4501 Veronica Boulevard Blvd. Fort Myers, FL 33916
AL QUATTRONE, P.E. #52471

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

COMPLIANCE STATEMENT
THESE PLANS HAVE BEEN DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER AND THE DESIGN PARAMETERS FOR THE 6TH 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

BUILDER: HABITAT FOR HUMANITY
3 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 # 2024-049
SHEET
5 OF 10 SHEET

CAPE PALM 1 3/21 MODEL / RIGHT HAND GARAGE / MONO FOOTER / 2023 CODE / 10 1/2" CANT

10-05-2024 REVISIONS

The diagram shows a cross-section of exterior wall framing. At the top, there are three horizontal dimensions: 16", 16", and 16", which sum up to a total width of 4'-0". The wall consists of several vertical studs. A double top plate is shown at the very top, with a label pointing to it: "DBL 2 X 4 TOP PLATE W/ SPLICES STAGGERED @ 4' HEADER". Below the top plate, a label points to the vertical studs: "SIMPSON LSTA-18". To the right of the wall, there is a label for the sheathing: "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:". Further down, another label points to the bottom edge of the wall: "EDGE @ 4\" O.C. - INTERIOR @ 6\" O.C.". At the base of the wall, there is a label for the foundation or footing: "TOP & BOTTOM DBL 4\"". At the bottom right, a label points to a horizontal member: "2 X 4 P.T. BOTTOM PLATE".

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

EXTERIOR WALL NAILING DETAIL

SH-25 EGRESS (D) (VB-1) H-SH 33

BATH #1
8'0" FLAT CLG ACCESSIBLE
5 TUB W/SHOWER
6 1/2" VENT WALL
MIRROR M.C. (VB-1)

UTILITY
8'0" FLAT CLG
WASHER DRYER (2) 2866 B.F. (4)

HALL
8'0" FLAT CLG
2866 B.F. (6) (7) (10) (11) (12) (13) (14) (15)

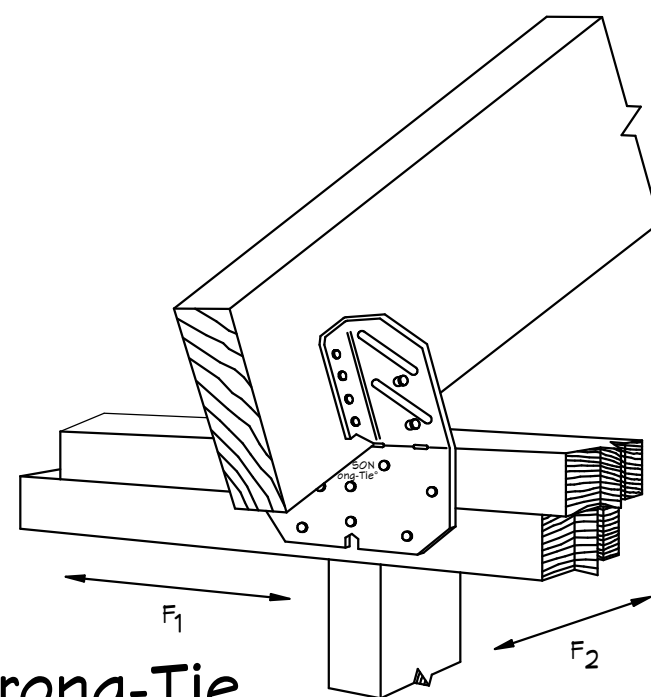
KITCHEN
8'0" FLAT CLG
SINK D.P.L. RAISED EAT AT BAR
4 1/2" WALL @ 34.5" A.F.F.
RANGE (2) 2866 B.F. (5) (6) (12) (13) (14) (15)

GREAT ROOM
8'0" FLAT CLG
SH-25 EGRESS (VB-1) (VB-2) (2) 3066 S.G.D'S (D-3) (6) SH-25 (H)

DINING ROOM
8'0" FLAT CLG
HUC410 HANGER (VB-1)

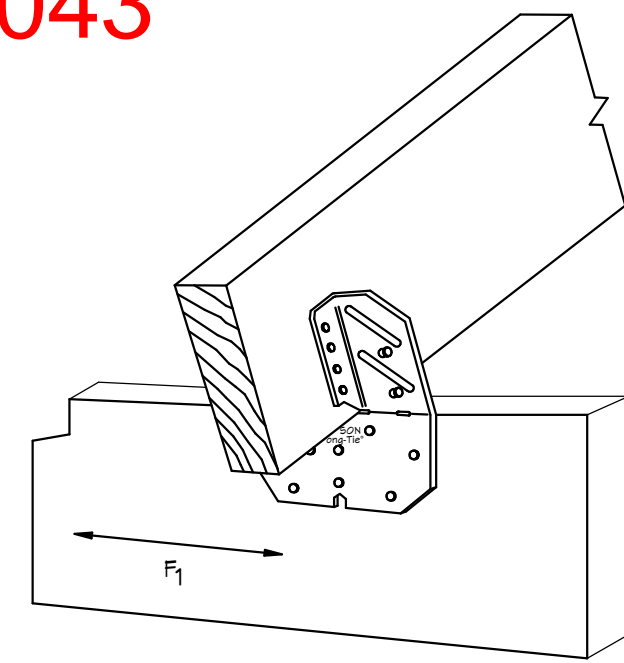
ENTRY
8'4" FLAT CLG
6" X 6" P.T. POST
(2) 2 X 12 SYP W/ 1/2" PLYWOOD FLITCH PLATE (GLUED & NAILED) TYPICAL AT PORCH
DECORATIVE RAILING (VB-1) (VB-2) (D-1) (D-2) (D-3) (D-4) (D-5) (D-6) (D-7) (D-8) (D-9) (D-10) (D-11) (D-12) (D-13) (D-14) (D-15) (D-16) (D-17) (D-18) (D-19) (D-20) (D-21) (D-22) (D-23) (D-24) (D-25) (D-26) (D-27) (D-28) (D-29) (D-30) (D-31) (D-32) (D-33) (D-34) (D-35) (D-36) (D-37) (D-38) (D-39) (D-40) (D-41) (D-42) (D-43) (D-44) (D-45) (D-46) (D-47) (D-48) (D-49) (D-50) (D-51) (D-52) (D-53) (D-54) (D-55) (D-56) (D-57) (D-58) (D-59) (D-60) (D-61) (D-62) (D-63) (D-64) (D-65) (D-66) (D-67) (D-68) (D-69) (D-70) (D-71) (D-72) (D-73) (D-74) (D-75) (D-76) (D-77) (D-78) (D-79) (D-80) (D-81) (D-82) (D-83) (D-84) (D-85) (D-86) (D-87) (D-88) (D-89) (D-90) (D-91) (D-92) (D-93) (D-94) (D-95) (D-96) (D-97) (D-98) (D-99) (D-100) (D-101) (D-102) (D-103) (D-104) (D-105) (D-106) (D-107) (D-108) (D-109) (D-110) (D-111) (D-112) (D-113) (D-114) (D-115) (D-116) (D-117) (D-118) (D-119) (D-120) (D-121) (D-122) (D-123) (D-124) (D-125) (D-126) (D-127) (D-128) (D-129) (D-130) (D-131) (D-132) (D-133) (D-134) (D-135) (D-136) (D-137) (D-138) (D-139) (D-140) (D-141) (D-142) (D-143) (D-144) (D-145) (D-146) (D-147) (D-148) (D-149) (D-150) (D-151) (D-152) (D-153) (D-154) (D-155) (D-156) (D-157) (D-158) (D-159) (D-160) (D-161) (D-162) (D-163) (D-164) (D-165) (D-166) (D-167) (D-168) (D-169) (D-170) (D-171) (D-172) (D-173) (D-174) (D-175) (D-176) (D-177) (D-178) (D-179) (D-180) (D-181) (D-182) (D-183) (D-184) (D-185) (D-186) (D-187) (D-188) (D-189) (D-190) (D-191) (D-192) (D-193) (D-194) (D-195) (D-196) (D-197) (D-198) (D-199) (D-200) (D-201) (D-202) (D-203) (D-204) (D-205) (D-206) (D-207) (D-208) (D-209) (D-210) (D-211) (D-212) (D-213) (D-214) (D-215) (D-216) (D-217) (D-218) (D-219) (D-220) (D-221) (D-222) (D-223) (D-224) (D-225) (D-226) (D-227) (D-228) (D-229) (D-230) (D-231) (D-232) (D-233) (D-234) (D-235) (D-236) (D-237) (D-238) (D-239) (D-240) (D-241) (D-242) (D-243) (D-244) (D-245) (D-246) (D-247) (D-248) (D-249) (D-250) (D-251) (D-252) (D-253) (D-254) (D-255) (D-256) (D-257) (D-258) (D-259) (D-260) (D-261) (D-262) (D-263) (D-264) (D-265) (D-266) (D-267) (D-268) (D-269) (D-270) (D-271) (D-272) (D-273) (D-274) (D-275) (D-276) (D-277) (D-278) (D-279) (D-280) (D-281) (D-282) (D-283) (D-284) (D-285) (D-286) (D-287) (D-288) (D-289) (D-290) (D-291) (D-292) (D-293) (D-294) (D-295) (D-296) (D-297) (D-298) (D-299) (D-300) (D-301) (D-302) (D-303) (D-304) (D-305) (D-306) (D-307) (D-308) (D-309) (D-310) (D-311) (D-312) (D-313) (D-314) (D-315) (D-316) (D-317) (D-318) (D-319) (D-320) (D-321) (D-322) (D-323) (D-324) (D-325) (D-326) (D-327) (D-328) (D-329) (D-330) (D-331) (D-332) (D-333) (D-334) (D-335) (D-336) (D-337) (D-338) (D-339) (D-340) (D-341) (D-342) (D-343) (D-344) (D-345) (D-346) (D-347) (D-348) (D-349) (D-350) (D-351) (D-352) (D-353) (D-354) (D-355) (D-356) (D-357) (D-358) (D-359) (D-360) (D-361) (D-362) (D-363) (D-364) (D-365) (D-366) (D-367) (D-368) (D-369) (D-370) (D-371) (D-372) (D-373) (D-374) (D-375) (D-376) (D-377) (D-378) (D-379) (D-380) (D-381) (D-382) (D-383) (D-384) (D-385) (D-386) (D-387) (D-388) (D-389) (D-390) (D-391) (D-392) (D-393) (D-394) (D-395) (D-396) (D-397) (D-398) (D-399) (D-400) (D-401) (D-402) (D-403) (D-404) (D-405) (D-406) (D-407) (D-408) (D-409) (D-410) (D-411) (D-412) (D-413) (D-414) (D-415) (D-416) (D-417) (D-418) (D-419) (D-420) (D-421) (D-422) (D-423) (D-424) (D-425) (D-426) (D-427) (D-428) (D-429) (D-430) (D-431) (D-432) (D-433) (D-434) (D-435) (D-436) (D-437) (D-438) (D-439) (D-440) (D-441) (D-442) (D-443) (D-444) (D-445) (D-446) (D-447) (D-448) (D-449) (D-450) (D-451) (D-452) (D-453) (D-454) (D-455) (D-456) (D-457) (D-458) (D-459) (D-460) (D-461) (D-462) (D-463) (D-464) (D-465) (D-466) (D-467) (D-468) (D-469) (D-470) (D-471) (D-472) (D-473) (D-474) (D-475) (D-476) (D-477) (D-478) (D-479) (D-480) (D-481) (D-482) (D-483) (D-484) (D-485) (D-486) (D-487) (D-488) (D-489) (D-490) (D-491) (D-492) (D-493) (D-494) (D-495) (D-496) (D-497) (D-498) (D-499) (D-500) (D-501) (D-502) (D-503) (D-504) (D-505) (D-506) (D-507) (D-508) (D-509) (D-510) (D-511) (D-512) (D-513) (D-514) (D-515) (D-516) (D-517) (D-518) (D-519) (D-520) (D-521) (D-522) (D-523)

(2) 1 3/4 X 11 7/8 MICROLAM W/ SIMPSON
ST6236 W/ (40) 16D NAILS AT WALL END.
3 WALLS STUDS BELOW EACH END



H10A

HURRICANE CLIP
@ EXT. BEARING WALL

$$\begin{pmatrix} 1 \\ 4 \end{pmatrix}$$


H10A

HURRICANE CLIP @
EXT. BEARING WD. BEAM

$$\frac{2}{4}$$

AREA SCHEDULE	
LIVING A/C	1305 SQ. FT.
ENTRY	49 SQ. FT.
GARAGE	300 SQ. FT.
LANAI	277 SQ. FT.
TOTAL	1931 SQ.FT.

INTERIOR DOOR SCHEDULE						
ID	QTY.	ROOM	SIZE	MANUF	DESIGNATION	NOTES
(1)	1	GARAGE	3060			SOLID CORE
(2)	1	N/A	N/A		4 BEDROOM ONLY	
(3)	1	N/A	N/A		4 BEDROOM ONLY	
(4)	1	UTILITY	(2) 2060 B.F.			
(5)	1	PANTRY	2660 B.F.			
(6)	1	HALL	2860 B.F.			
(7)	1	BATH # 1	3060			
(8)	1	BEDROOM#1	3060			
(9)	1	BEDROOM#1	2660 B.F.			
(10)	1	HALL	2660 B.F.			
(11)	1	BEDROOM# 2	3060			
(12)	1	BEDROOM# 2	(2)2060 B.F.			
(13)	1	MASTER BED	3060			
(14)	1	MASTER W.I.C.	2660 B.F.			
(15)	1	MASTER BATH	3060			

[illegible]

°ROOF COVERING MATERIAL		
*TYPE	*MANUFACTURER	*APPROVED MODEL, STYLE, OR DESIGNATION
ASPHALT SHINGLES	REFER TO PRODUCT APPROVAL SHEETS	REFER TO PRODUCT APPROVAL SHEETS
CODE COMPLIANCE:		
1. ASPHALT SHINGLES SHALL BE IN COMPLIANCE WITH THE (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE , SEC. R405.2 2. CLAY AND CONCRETE TILES SHALL BE IN COMPLIANCE WITH THE (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE , SEC. R405.3 3. METAL ROOFING SHALL BE IN COMPLIANCE WITH THE (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE , SEC. R405.10		
°IMPACT RESISTANT COVERING MATERIAL		
*TYPE	*MANUFACTURER	*APPROVED MODEL, STYLE, OR DESIGNATION
HURRICANE PANELS	REFER TO PRODUCT APPROVAL SHEETS	REFER TO PRODUCT APPROVAL SHEETS
INSTALLATION NOTES: 1. MEANS OF EGRESS 2. TEMPERED WINDOW 3. O.H. GARAGE DOOR		
*LEGEND: Dx = DOOR DESIGNATION SLx = SKYLITE DESIGNATION Wx = WINDOW DESIGNATION		
*SIZE DESIGNATIONS W = WIDTH H = HEIGHT		
BUILDER TO VERIFY ALL ROUGH OPENINGS FOR ALL DOORS, SLIDING GLASS DOORS, AND WINDOWS PRIOR TO START OF CONSTRUCTION.		BUILDER TO SUPPLY PRODUCT APPROVAL
WINDOWS SHGC= REFER TO ATTACHED ENERGY CALCULATIONS AND ATTACHED INFORMATION FROM WINDOW AND DOOR COMPANY.		

Quattrone & Associates, Inc.
Engineers, Planners, & Design Consultants
4301 Veronica Shoreline Blvd. Fort Myers, FL 33916 (239) 936-5222 QACast
Certificate of Authorization Number: 9465

COMPLIANCE STATEMENT
THESE PLANS HAVE BEEN DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER AND HAVE BEEN REVIEWED FOR THE 10TH EDITION OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE (CHAPTER 3 IN GENERAL ANNOTATED) AND THE 16TH EDITION OF THE 2023 FLORIDA BUILDING CODE (SECTION 1604 OF THE 6TH EDITION) OF THE 2023 FLORIDA BUILDING CODE.

Alfred Quattrone
Al Quattrone, Professional Engineer, State of Florida, License No. 52741
This item has been digitally signed and sealed by Al Quattrone, P.E. on 10/7/2024.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Digitally signed by
Alfred Quattrone
Date: 2024-10-07
16:51:51
0-05-2024

REVISIONS:

08-08-2024

10-05-2024

HICKS DRAFTING & DESIGN

4216 5TH STREET W
LEHIGH ACRES FL 32971

CELL:(239)462-2734

E-MAIL:DHICKS928@AOL.COM

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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 # 2024-049

SHEET

6 10
OF SHEI


10-05-2024 REVISIONS

10-05-2024 REVISIONS

NOTED FLOOR PLAN

Factor	Quantity	Volt Amperes (VA)	
"General Lighting"			
1. General Lighting (SQFT X 3 VA/SQ FT (Table 220.12))	3 X 1311 sqft.	3933	
2. Small Appliance Circuits (1500 VA per circuit) (NEC 220.52(A)) (minimum 2)	1500 X 2	3000	
3. Laundry Circuit (1500 VA per circuit) (NEC 220.52(B))	1500 X 1	1500	
4. Total General Lighting Load (Add lines 1, 2 & 3):		8433	
5. First 3000 VA @ 100%:		3000	
6. Total General Lighting Load 8433- 3000 = 5433 @ 35% =		1901	
7. Net General Lighting Load (Per NEC 220.42) (Add lines 5 & 6):		4901	
*Fixed Appliances(if insufficient space, use back):	YE S	N O	
· Garbage Disposal		X	
· Bathroom Fan	X		50
· Kitchen Hood	X		240
· Dishwasher	X		1800
14. Other: 5 hp 240V well Pump	X		3730
15. Other:120V Water Softener	X		1500
	Total		7320
8. 3 or less Appliances, Total Appliance VA: 4 or more Appliances, 75% of Total Appliance VA (NEC 220.53):			Does not apply to 2020 code

*Other Loads (including motors, EV charger(s), etc.)	Y E S	N O	Nameplate Rating (VA)
9. Electric Range (8000VA or Nameplate)**	X		8000
10. HVAC	X		5000
11. Refrigerator	X		800
12. Electric Dryer (5000 VA minimum)**	X		5000
13. Electric Vehicle Charger		X	
14. Other:			
15. Other:			
16. 25% of largest motor (NEC 430.24)			N/A
Total			18,800
Total Service Load Volt-Amperes (VA) (Add lines 7, 8 & 9 thru 16) ~31,021			
Total Service Load Volt-Amperes / 240-volts = 129 Amperes			



ART 300. Wiring methods and materials. I am writing to inform you of the use of Nonmetallic Sheathed Cable (NM), commonly known as Romex, alongside nonmetallic (plastic) boxes for a residential electrical installation in a Sugar Palm 1 & 2. As per the 2023 Florida Building Code - Residential, and the 2020 National Electric Code the following considerations ensure compliance with all relevant safety and installation standards:

Wiring Method: 1. Nonmetallic Sheathed Cable (NM) - Romex • Application: NM cable will be used for general residential branch circuits. • Installation Requirements: The cable will be secured and supported every 4 and ½ feet and will be installed at least 1 ¼ inches from the edge of framing members, or will be protected physically.

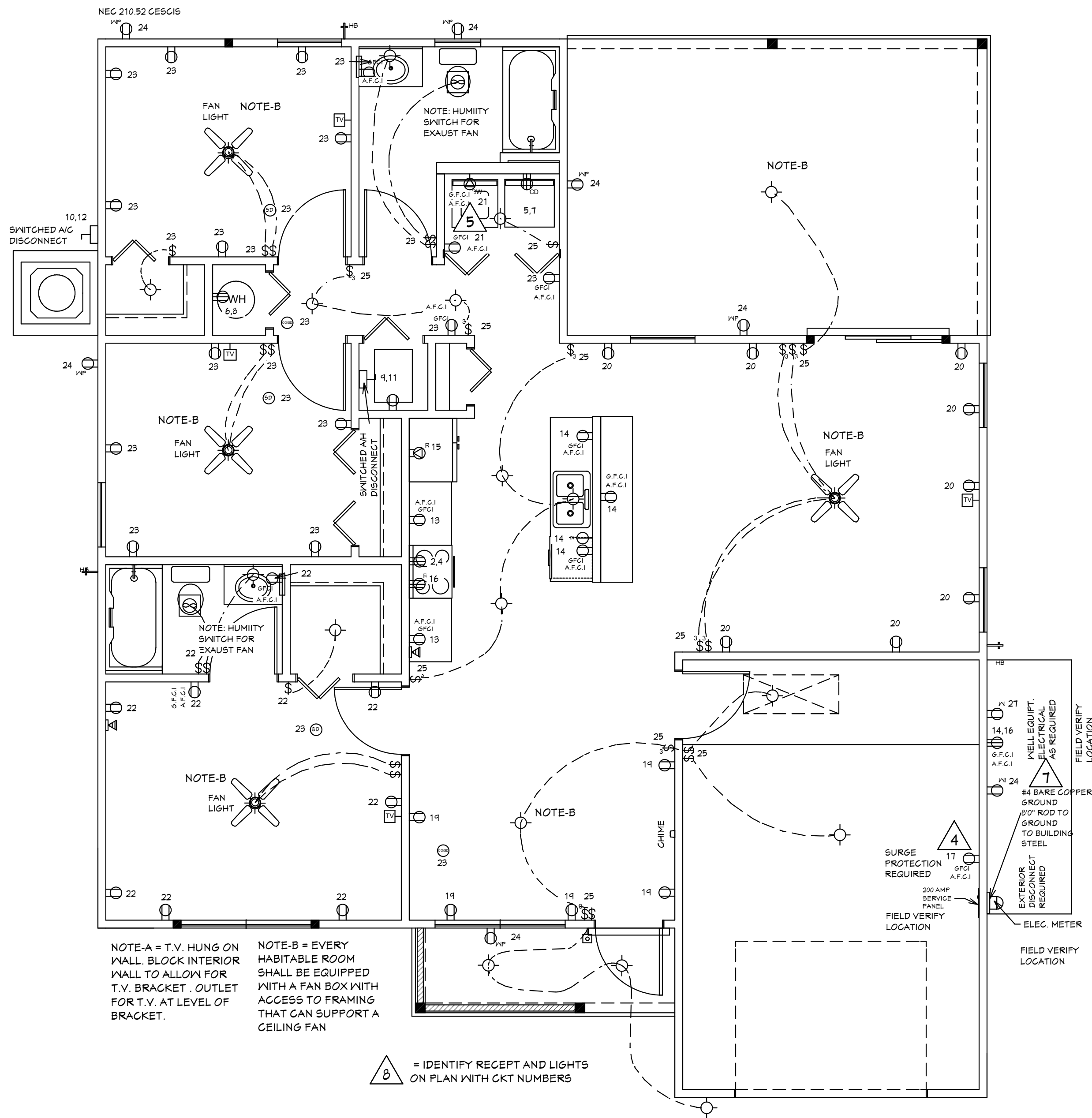
Box Installation: 2. Nonmetallic Boxes: • Compliance: Nonmetallic boxes will be used exclusively with cabled wiring methods, ensuring that all sheaths and flexible cords are nonmetallic. • Securing the Cable: Where nonmetallic-sheathed cable is used, the cable will be fastened within 12 inches of the box, with the sheath extending through a cable knockout or box by at least ¼ inch. • Flush Installation: All nonmetallic boxes installed in walls or ceilings will be flush with the finished surface

Additionally, the installation will include the following:

- **Protection from Physical Damage:** Where cables are subject to physical damage, they will be enclosed in conduits such as rigid metal conduit or Schedule 80 PVC, extending at least 6 inches above the floor if passing through

John Miller Eddy Electric LLC 239-265-8947 John@eddyelectric.net License #ES1200232

ELECTRICAL LOAD CALCULATIONS



ELECTRICAL PLAN

BLDMP24-000043

BLDMP24-000043

**REVIEWED FOR
ELECTRICAL COMPLIANCE
FOR THE CAPE CORAL
BUILDING DIVISION
BY: CG DATE: 11/07/2024
ALL ELECTRICAL INSTALLATIONS SHALL
BE IN COMPLIANCE WITH THE FLORIDA
BUILDING CODE, STATE, LOCAL, AND
NEC CODES. THE GRANTING OF THIS
PERMIT DOES NOT RELIEVE THE
CONTRACTOR OF THE RESPONSIBILITY
TO COMPLY WITH CODES AND ORDINANCE**

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.

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.

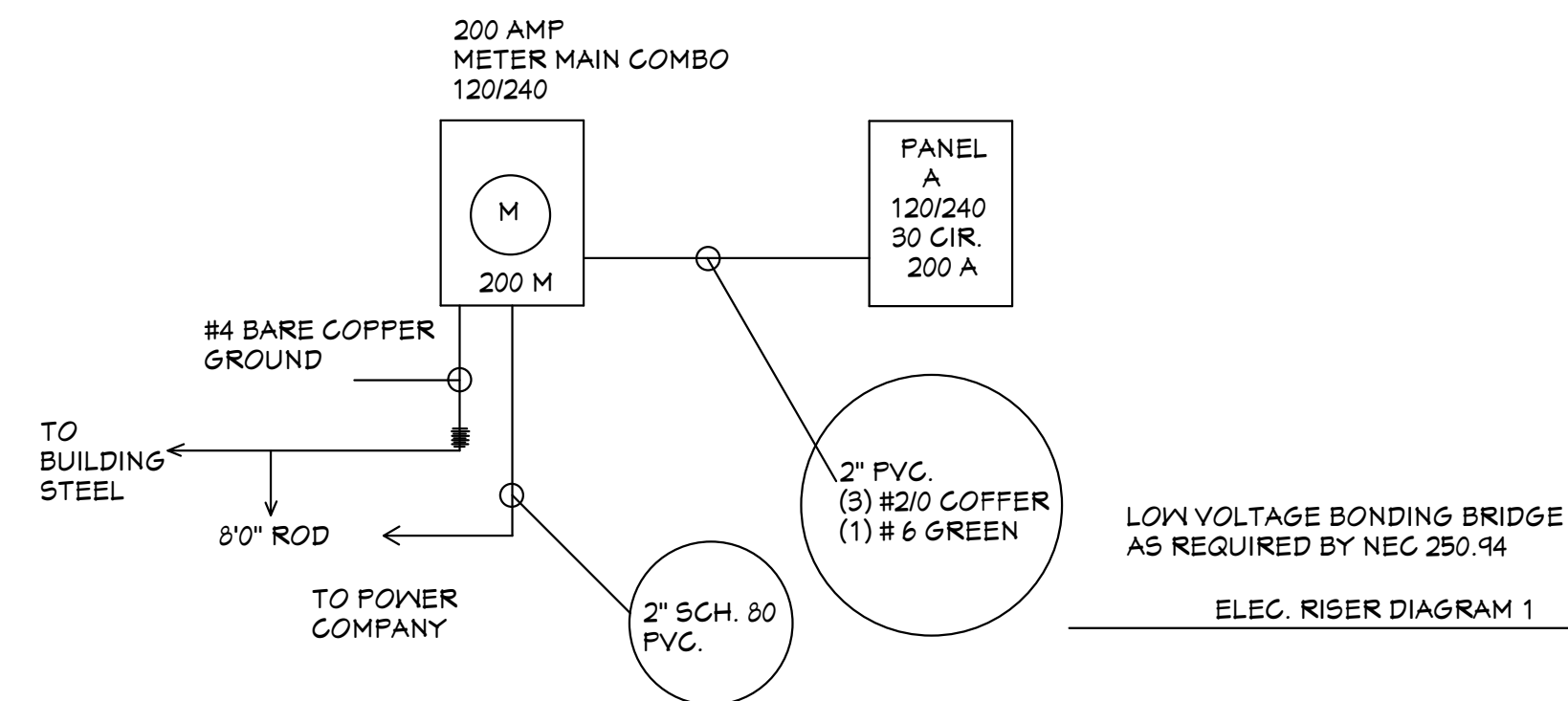
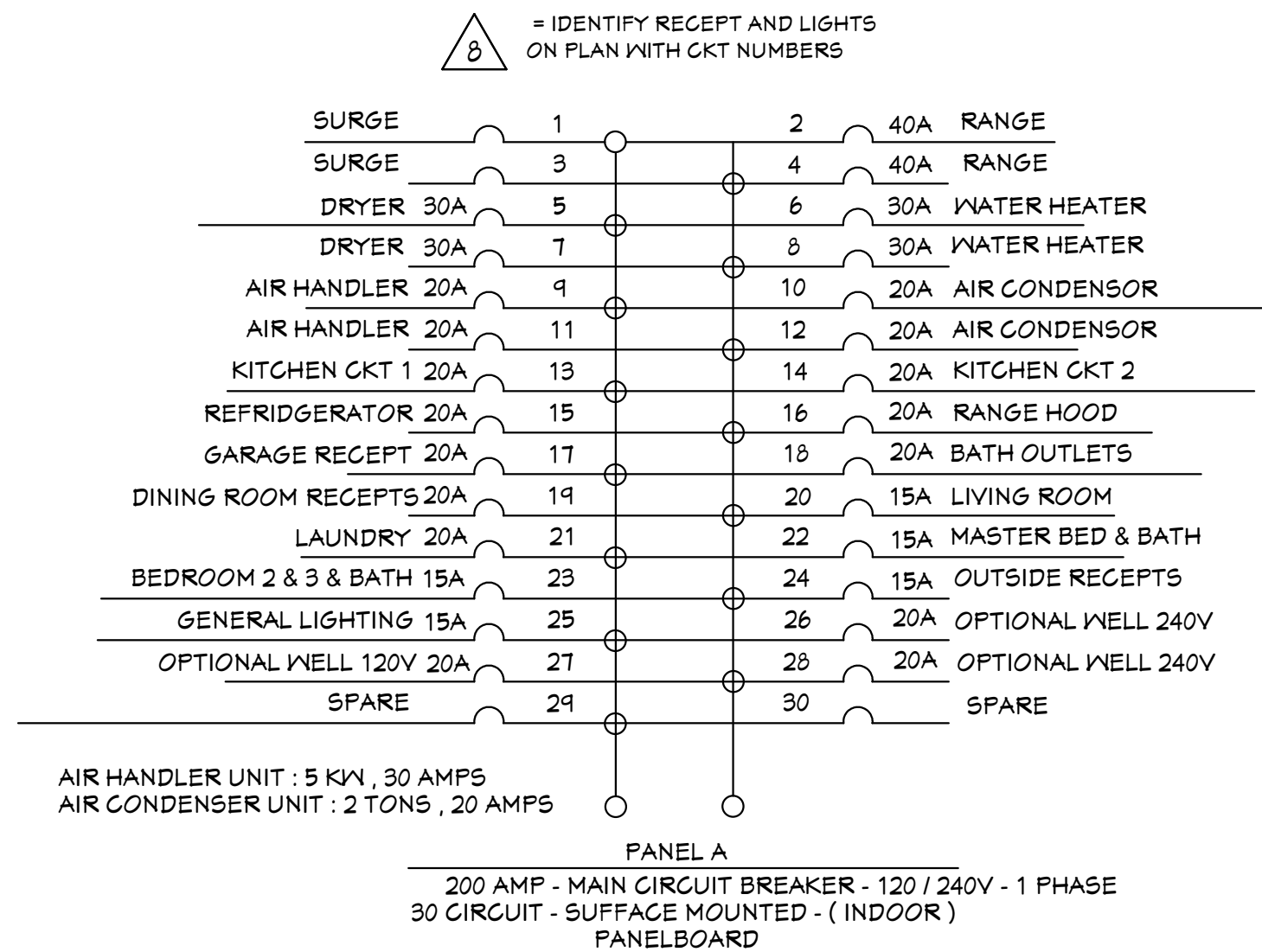
4. HICKS DRAFTING & DESIGN DOES NOT ASSUME ANY RESPONSIBILITY FOR SUPERVISION OF CONSTRUCTION. CONTRACTOR TO ADHERE STRICTLY TO THE (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, CHAPTER 3 AND SECTION 1609 OF THE (8TH EDITION) OF THE 2023 FLORIDA BUILDING CODE, TOGETHER WITH LOCAL AMENDMENTS, 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 INH 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 5'0" FROM ANY PROPERTY LINE
PER SECTION R302.1(1) (INCLUDING OVERHANGS)

ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	Audio Video: Control Panel, Switch
	DENOTES WALL OUTLET TAMPER RESISTANT
	DENOTES GFCI WALL OUTLET
	DENOTES WATER PROOF WALL OUTLET
	DENOTES 220 VOLT WALL OUTLET
	DENOTES FLOOR OUTLET
	DENOTES COVERED FLOOR OUTLET
	DENOTES T.V. OUTLET
	DENOTES DOOR BELL
	DENOTES PHONE OUTLET
	DENOTES THERMOSTAT
	DENOTES 200 AMP SERVICE BOX
	DENOTES WALL SWITCH
	DENOTES 3 WAY SWITCH
	DENOTES 4 WAY SWITCH
	DENOTES 5 WAY SWITCH
	DENOTES DIMMER SWITCH
	DENOTES WATER PROOF SWITCH
	DENOTES CEILING OR WALL FIXTURE
	DENOTES FLOOD LIGHTS
	DENOTES RECESS FIXTURE
	DENOTES FLOR LIGHT
	DENOTES EXHAUST FAN
	DENOTES SMOKE DETECTOR
	DENOTES SMOKE DETECTOR CARBON MONOXIDE ALARM COMBO
	DENOTES JUNCTION BOX & COVER FOR FUTURE FAN
	DENOTES JUNCTION BOX W/COVER
	DENOTES ZENFLEX LOW VOLTAGE LIGHTING SYSTEM
	Wall Jacks: CAT5, CAT5 + TV, TV/Cable
	Intercom
	Speakers: Ceiling Mounted, Wall Mounted
	240V Receptacle
	Thermostat
	Wall Mounted Light Fixtures: Flush Mounted, Wall Sconce
	Chandelier Light Fixture

* NOTE: ALL BRANCH CIRCUITS THAT SUPPLY 125-250 VOLT, SINGLE PHASE, 15 AND 20 AMPERE RECEPTACLE OUTLETS SHALL BE INSTALLED IN ALL ROOMS (INCLUDING BEDROOMS) EXCEPT THE BATHROOMS, UTILITY ROOM IN A DWELLING UNIT AND SHALL BE PROTECTED BY AN ARC-FAULT CIRCUIT INTERRUPTER(S). KITCHEN, BATHROOMS, UTILITY ROOM, AND WET AREA'S SHALL BE PROTECTED BY G.F.C.I. OUTLETS.



Alfred
Quattrone

Digitally signed by
Alfred Quattrone
Date: 2024-10-07
16:51:37

At Quattrone Professional Engineers, State of
Florida, License No. 52741
This form has been digitally signed and sealed by
Al Quattrone on Oct 07 2024.

Printed copies of this document are not considered
signed and sealed and the signatures must be verified
on any electronic copies.

Quattrone & Associates, Inc.
Engineers, Planners, & Development Consultants
4301 Venetia Shoreline Blvd. Fort Myers, FL 33916 (239) 936-5222 QLICent
Certificate of Authorization Number: 9465
AL QUATTRONE P.E. # 52741

COMPLIANCE STATEMENT

THESE PLANS HAVE BEEN DESIGNED BY A REGISTERED PROFESSIONAL
ENGINEER AND THE DESIGN PARAMETERS FOR THE (6TH EDITION) OF THE
2023 FLORIDA RESIDENTIAL BUILDING CODE CHAPTER 3 IN GENERAL AND
SECTION 1604 OF THE (6TH EDITION) OF THE 2023 FLORIDA BUILDING CODE.

REVISIONS:

08-08-2024

10-05-2024

HICKS DRAFTING & DESIGN

4216 5TH STREET W

LEHIGH ACQUISITION, L.P. 33911

TEL: (251) 402-2134
E-MAIL: DHICKS928@AOL.COM

BUILDER: HABITAT FOR HUMANITY

NEW HOUSE FOR:

LOT-	/BLOCK-	/UNIT-	/SECT-
1	1	1	1
2	2	2	2
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100	100	100	100

TOWNSHIP- SOUTH/KANGE-
STRAP#

DRAWN BY
DAVID HICKS

DATE: 03-29-2021

SCALE: 1/4"=1'0"

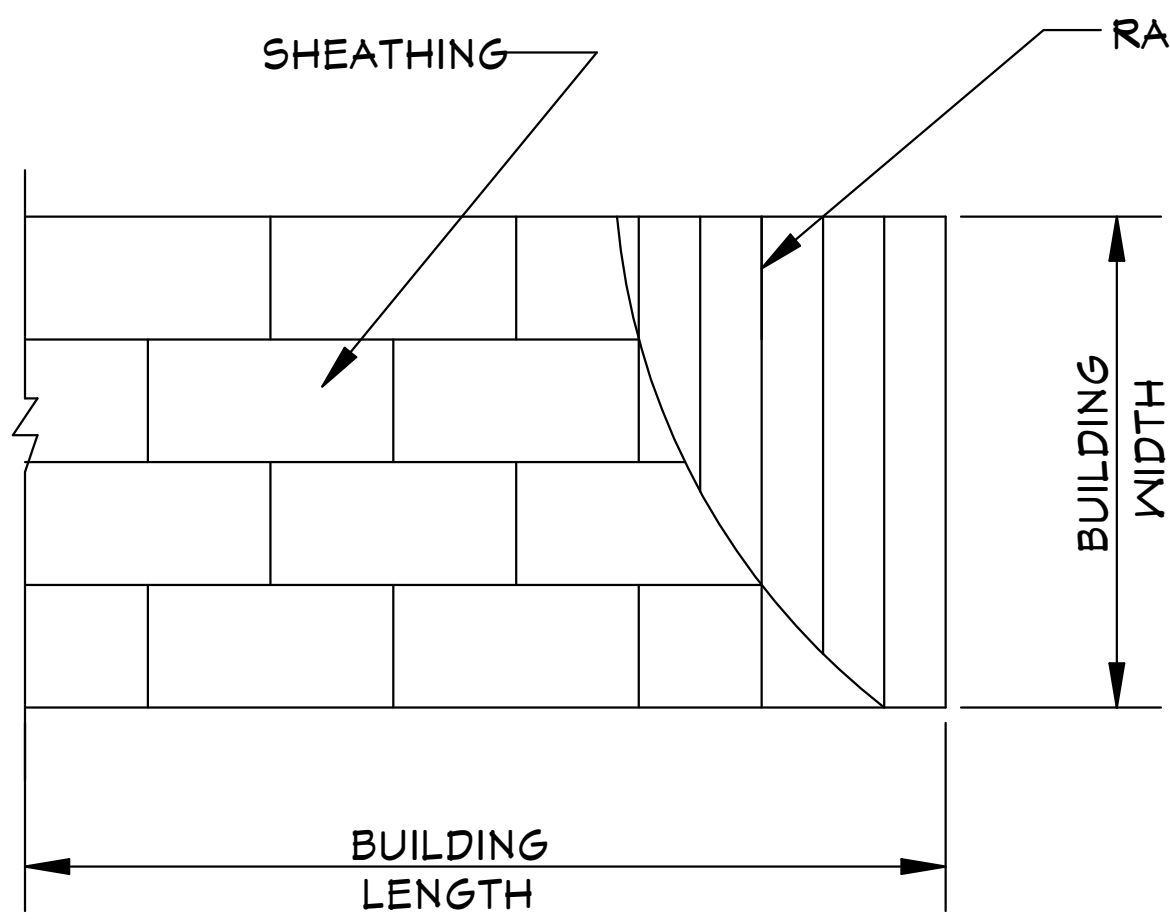
JOB # 2024-049

SHEET

7
OF

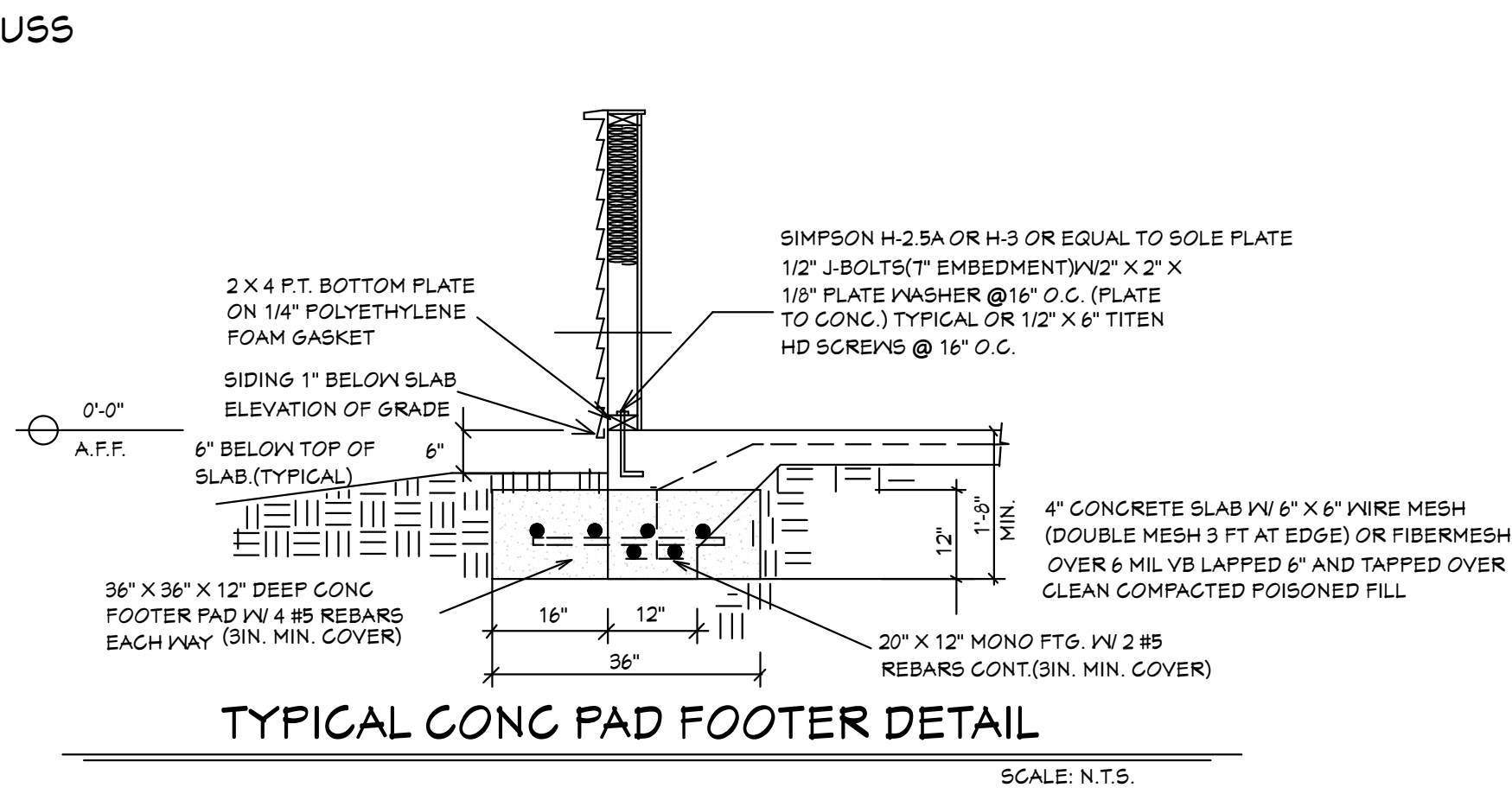
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10-05-2024 REVISIONS



ROOF SHEATHING LAYOUT
FOR HIP ROOFS

N.T.S.



TYPICAL CONC PAD FOOTER DETAIL

SCALE: N.T.S.



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

BLDMP24-000043

GENERAL NOTES
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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.
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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 30' FROM ANY PROPERTY LINE PER SECTION R302.1(1) (INCLUDING OVERHANGS)


Alfred Quattrone
Digitally signed by Alfred Quattrone
Date: 2024-10-07 16:51:24
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
4301 Venetia Boulevard, Fort Myers, FL 33916 (239) 555-5222
AL QUATTRONE, P.E. #52741
COMPLIANCE STATEMENT
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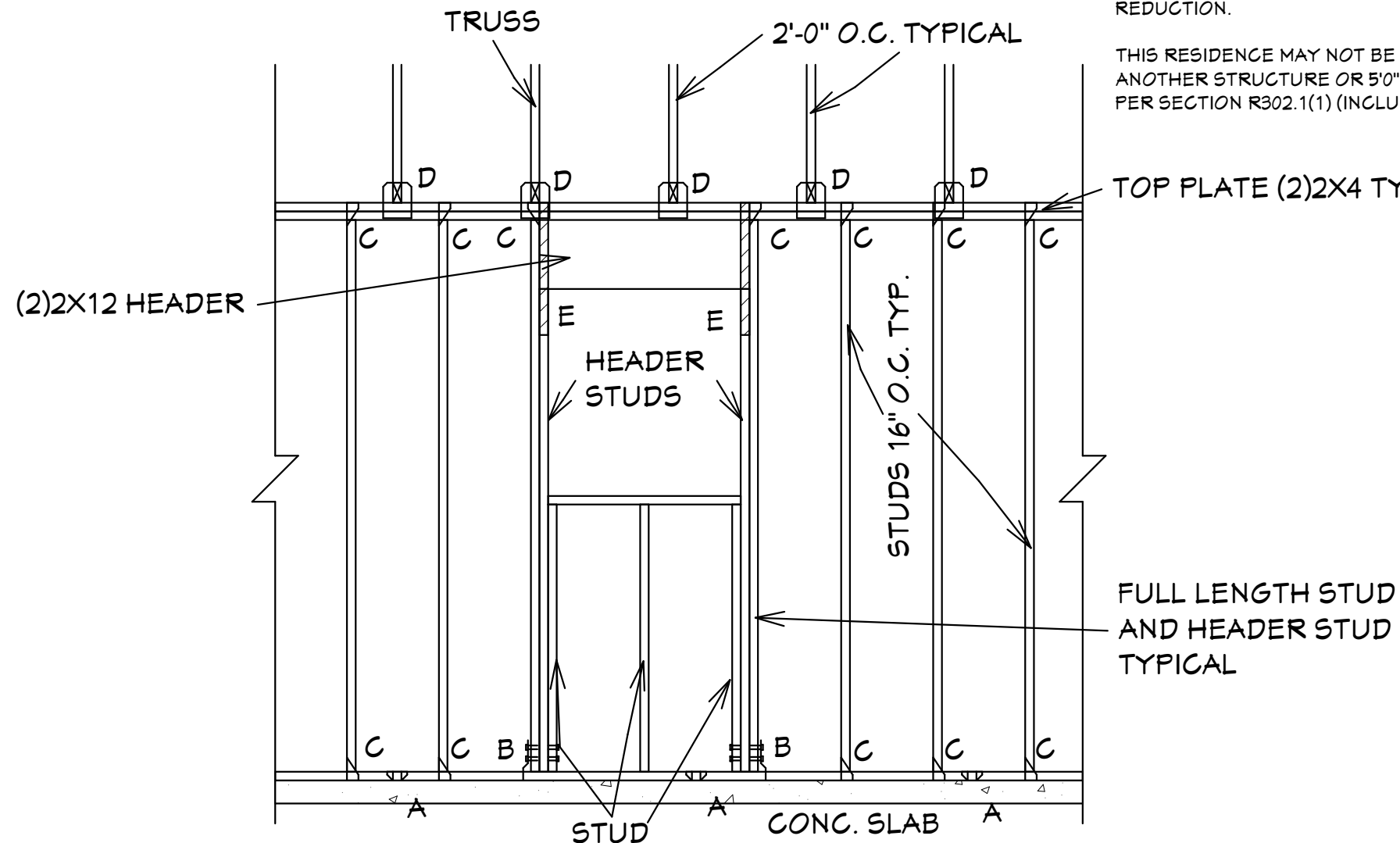
REVIEWED FOR
MECHANICAL CODE COMPLIANCE
WITH THE CAPE CORAL
BUILDING DIVISION
BY: JM DATE: 10/25/2024
ALL MECHANICAL INSTALLATIONS SHALL BE IN COMPLIANCE WITH THE FLORIDA BUILDING CODE, STATE AND LOCAL CODES. THE GRANTING OF A PERMIT DOES NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY TO COMPLY WITH ALL 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 the 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 1 MODEL
MASTER PLAN

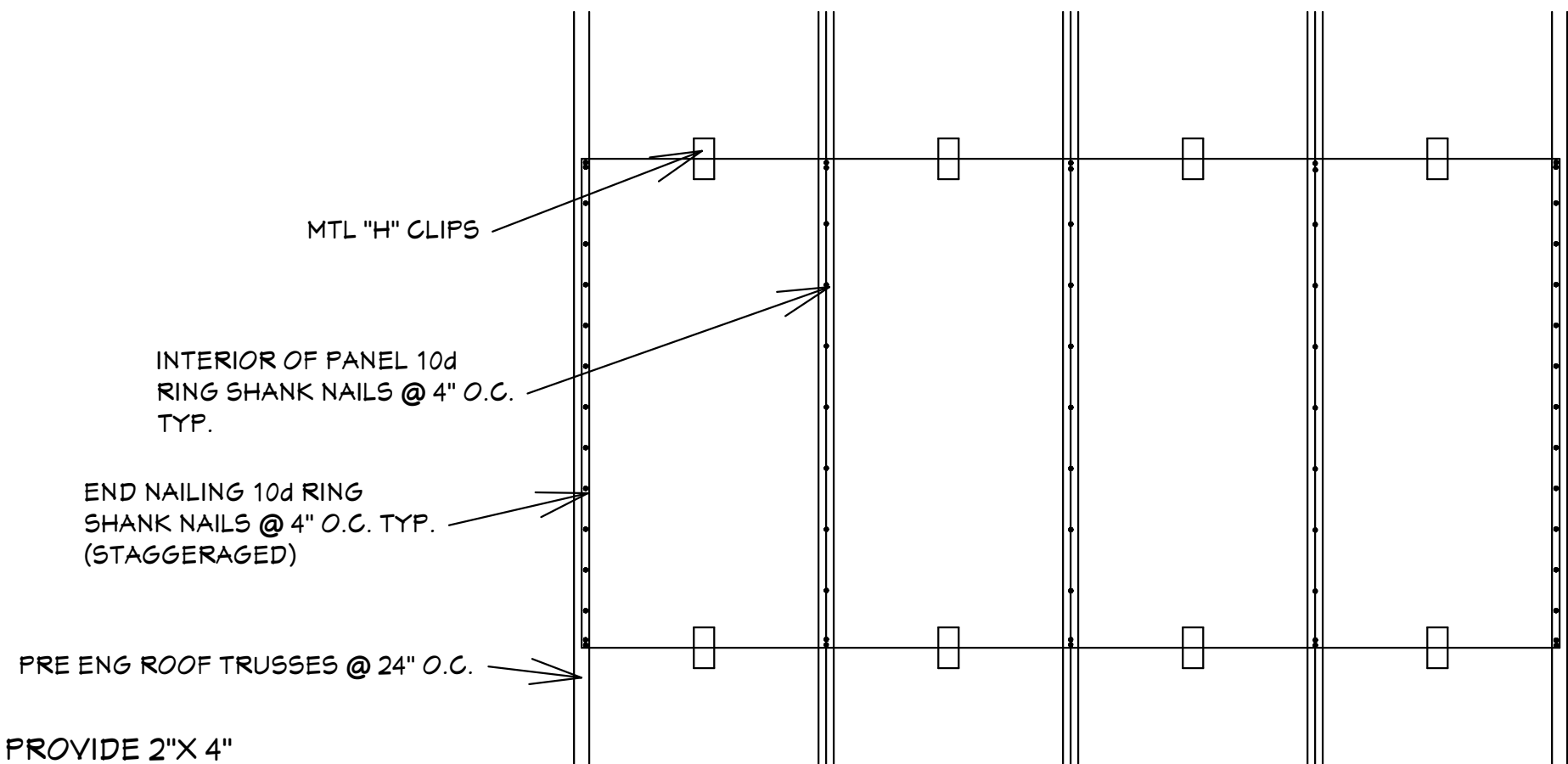
MASTER PLAN						
Address:			Folio Number:			
			1015 Cultural Park Blvd. Cape Coral, FL 33990 239-574-0546			
FLORIDA PRODUCT APPROVAL / MIAMI-DADE NOA - INDEX SHEET						
Section A: DOORS						
#	COMPONENT	MANUFACTURER/MODEL	IMPACT/NON	FL PA/NOA #	Exp. Date	Design Pressure
1	Swinging	Therma-Tru Corp fiber classic	IMPACT	20468.1	12/31/2026	+67/-67
2	Sliding	CGI Windows and Doors SGD-4025A	NON IMPACT	29078.1	12/31/2032	+65/-78.3
3	Garage	C.H.I. Overhead Doors pan doors	NON IMPACT	15012.8	12/31/2026	+30/-34.2
4						
5						
6						
Section B: WINDOWS						
#	COMPONENT	MANUFACTURER/MODEL	IMPACT/NON	FL PA/NOA #	Exp. Date	Design Pressure
1	Single Hung	CGI Windows and Doors SH-4000A	NON IMPACT	23358.1	12/31/2032	+50/-50
2	Double Hung					
3	Casement					
4	Horizontal Slider					
5	Mullion	CGI Windows and Doors	IMPACT	9187.1	03/28/2028	+64.7/-64.7
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 41" OFF RIDGE VENT		16918.1	12/31/2027	+0 /-52.5
8						
9						
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	



- "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.)

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



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

19/32" CDX PLYWOOD APA 40/20
19/32" O.S.B 40/20 RATED

ROOF SHEATHING DETAIL

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

CAPE PALM 1 3/21 MODEL / RIGHT HAND GARAGE / MONO FOOTER / 2023 CODE / 10 1/2" CANT

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

BUILDER: HABITAT FOR HUMANITY
3 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 # 2024-049
SHEET
8 OF 10

10-05-2024 REVISIONS

BLDMP24-000043

Alfred Quattrone

Digitally signed by Alfred Quattrone
Date: 2024-10-07 16:51:11
Al Quattrone, Professional Engineer, State of Florida, License No. 52741
This item has been digitally signed and sealed by Al Quattrone, PE, on 10/07/2024.

Quattrone & Associates, Inc.

Engineers, Planners, & Development Consultants
Certified Professional Engineer No. 52741
4501 Ventura Boulevard Blvd., Fort Myers, FL 33916 (239) 555-5222 Quatcert
AL QUATTRONE, P.E. #52741

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. OR 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 1609 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 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 8'0" OF ANOTHER STRUCTURE OR 30' FROM ANY PROPERTY LINE PER SECTION R302.1(1) (INCLUDING OVERHANGS)

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 1609 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. 33971

CELL: (239) 462-2734

E-MAIL: DHICKS928@AOL.COM

BUILDER: HABITAT FOR HUMANITY

3 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"

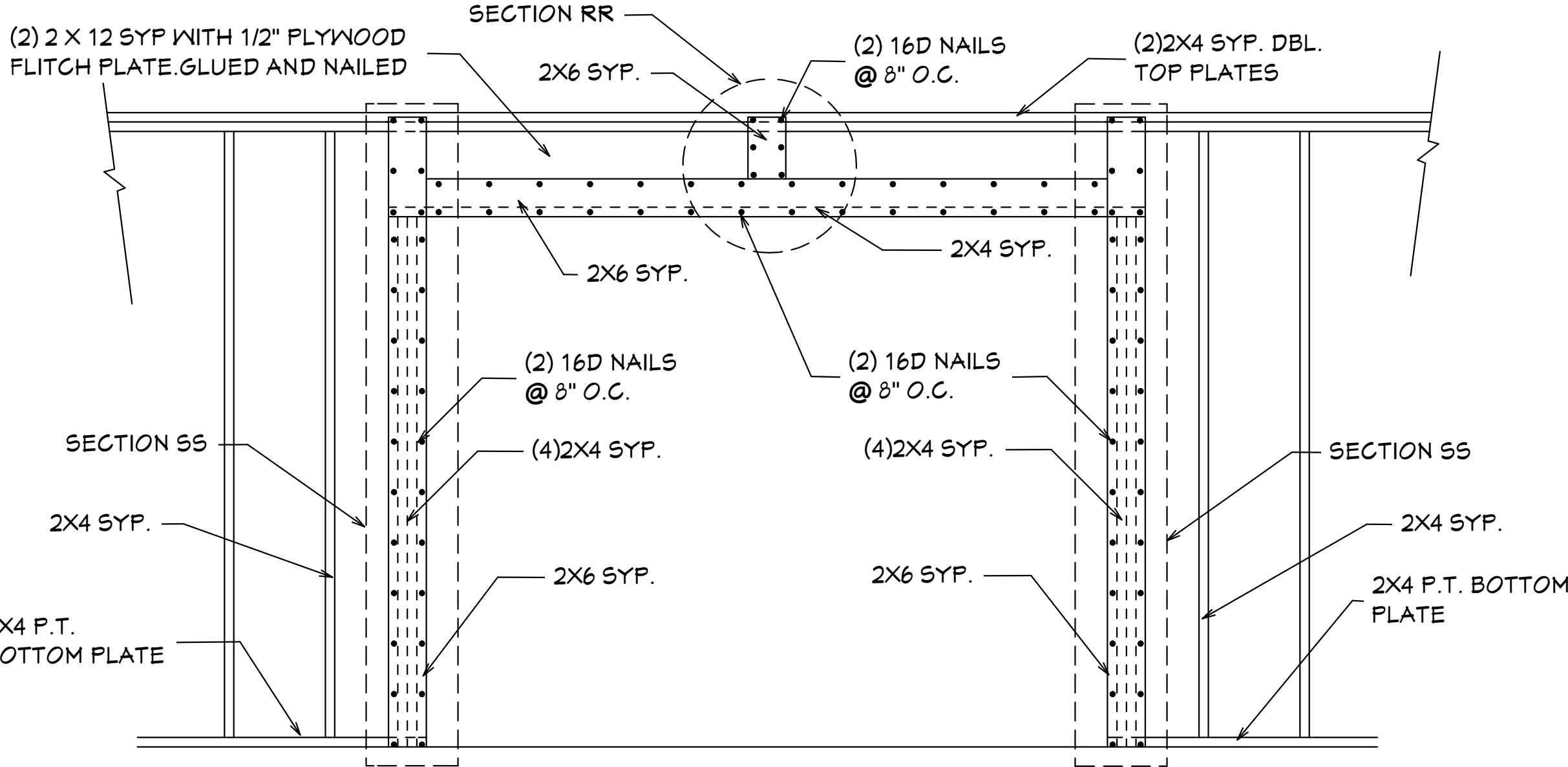
JOB # 2024-049

SHEET

9 10
OF SHEET

CAPE PALM 1 3/21 MODEL / RIGHT HAND GARAGE / MONO FOOTER / 2023 CODE / 10 1/2" CANT

10-05-2024 REVISIONS



OVERHEAD GARAGE DOOR
BUCKING DETAIL

WOOD

GENERAL

1. This building/structure has been designed in accordance with the (8TH EDITION) OF THE 2023 Residential Edition of the Florida Building Code. CHAPTER 3 AND SECTION 1609 OF THE 8TH EDITION OF THE 2023 FLORIDA BUILDING CODE for design pressures generated by 3 second gust design wind velocity of 160 mph, structural calculations, as necessary to confirm compliance with the 8th edition of the 2023 Residential Edition of the Florida Building Code, have been performed.
2. David Hicks, and HICKS DRAFTING & DESIGN have not been retained to provide, nor is responsible for, the field supervision, inspection, or construction administration of this project. The owner, or general contractor is responsible for: field supervision, construction administration, review and approval of all shop drawings, verification on-site of all dimensions and elevations, and strict compliance with these construction documents as approved by Lee County drawn by David Hicks, and reviewed by ENGINEER OF RECORD
3. Exterior glazing shall be impact resistant or protected with an impact resistant covering meeting the requirements of 95TD 12, ASTM 1886 and ASTM E 1996, or Miami-Dade PA201, 202, and 203, meeting the requirements of the Large Missile Test.
4. All windows, doors and other such systems, components and cladding shall be designed in accordance with CHAPTER 3 of the 8TH EDITION OF THE 2023 RESIDENTIAL Edition AND SECTION 1609 of the 8TH EDITION OF THE 2023 Florida Code for design pressures generated by a three second gust design wind velocity of 160 mph. See "Design Parameters" for specific pressures.
5. Contractor shall notify the owner in writing prior to construction of any discrepancy between plans and on-site dimensions and elevations.

EXTERIOR WALL FRAMING

1. Studs shall be placed with the wide face perpendicular to the wall.
2. Header Beams shall be provided and fixed in accordance with CHAPTER 6 of the 8th edition of the 2023 Residential Florida Building Code.
3. The minimum number of header studs supporting each end of a header beam shall be 1.
4. The minimum number of full-length wall studs at each end of a header beam shall be 1 for openings of 6 feet or less, and 2 for all other openings.
5. Uplift connectors shall be provided at the top and bottom of cripple studs, of header studs, and at least one wall stud at each side of opening.

CONNECTIONS FOR EXTERIOR WALL FRAMING

1. Framing members in exterior wall systems shall be fastened together in accordance with the 8th edition of the 2023 RESIDENTIAL Edition of the Florida Building Code.
2. Uplift connectors shall be provided to resist the uplift loads.
3. Uplift load resistance shall be continuous from roof to foundation.
4. Studs shall be connected to plates and plates to floor framing with connectors designed, rated, and approved for each individual location and condition.

EXTERIOR WALLS

1. Exterior wall segments shall not contain openings which when added together will exceed 144 sq in (1 sq ft) in any individual segment.
2. Minimum length of a shearwall segment shall be 2'-5".
3. Studs shall be doubled at each end of each shearwall segment.
4. Joints shall be lap-spliced. Within the center third of a wall length, the minimum lap shall be 4 feet. Lap splices shall be connected with 14 16d common nails.

WALL SHEATHING

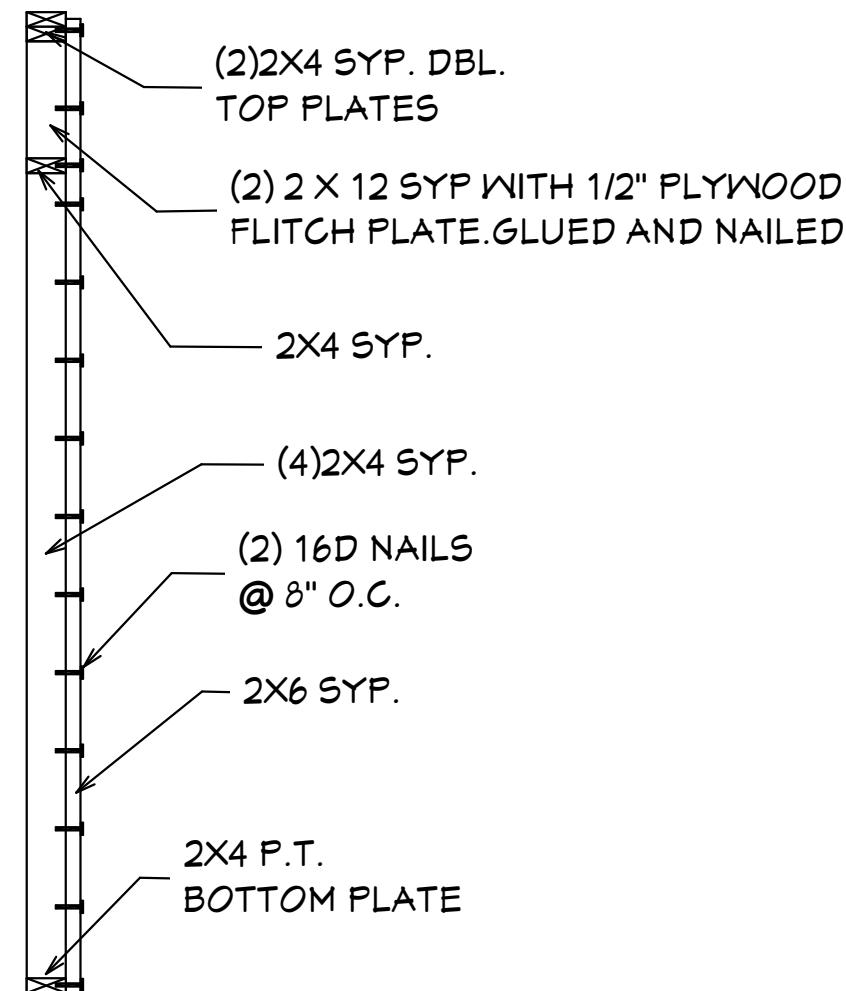
1. Panels shall be 15/32" exposure 1 C-D sheathing grade plywood OR 7/16" OSB 24/16 RATED and shall be installed as follows.
Panels shall be installed with face grain parallel to studs.
All horizontal joints shall occur over framing and shall be attached per Standard Details.
Flatwise blocking shall be used at all horizontal panel joints.
Panels shall be attached to bottom plates and top member of the double top plate.
Lowest plates shall be attached to foundation with bolts or connectors of sufficient capacity to resist the uplift forces developed in the plywood sheathed walls.
Panel attachment to framing shall be as illustrated in the Detail Sheets.
Where windows and doors interrupt plywood sheathing, framing anchors or connectors shall be used to resist the appropriate uplift loads.

ANCHOR DOWN CONNECTORS

1. Exterior walls require anchor downs to resist overturning moment.
2. Two studs and anchor down are required at each end of each shearwall segment.
3. The anchor down shall be fastened through the doubled studs and to the construction below in accordance with the manufacturer's recommendations.

ROOF SHEATHING

1. Roof sheathing shall be 15/32 inch Exposure 1 C-D sheathing grade plywood OR 15/32" OSB 40/20 RATED (wood structural panels) or equivalent.
2. The sheathing shall be installed in accordance with Detail Sheets.
3. Long dimension shall be perpendicular to framing and end joints shall be staggered.



SECTION SS

ONE WINDOW IN EACH BEDROOM SHALL PROVIDE 5.7 SQ. FT. OF EGRESS AREA MINIMUM CLEAR OPENING 20" W. AND 24" H.

MINIMUM 24" CLEAR OPENING IS REQUIRED FOR ACCESS TO ONE TOILET ROOM PER FLORIDA HANDICAP ACCESSIBILITY REQUIREMENTS.

ALL SMOKE DETECTOR CARBON MONOXIDE ALARM COMBOS TO BE INTERCONNECTED 110 VOLTS A.C.

LIGHTS IN CLOSETS TO COMPLY WITH SECT. 410-8 NEC.

PROVIDE 6FI PER NEC 210-8

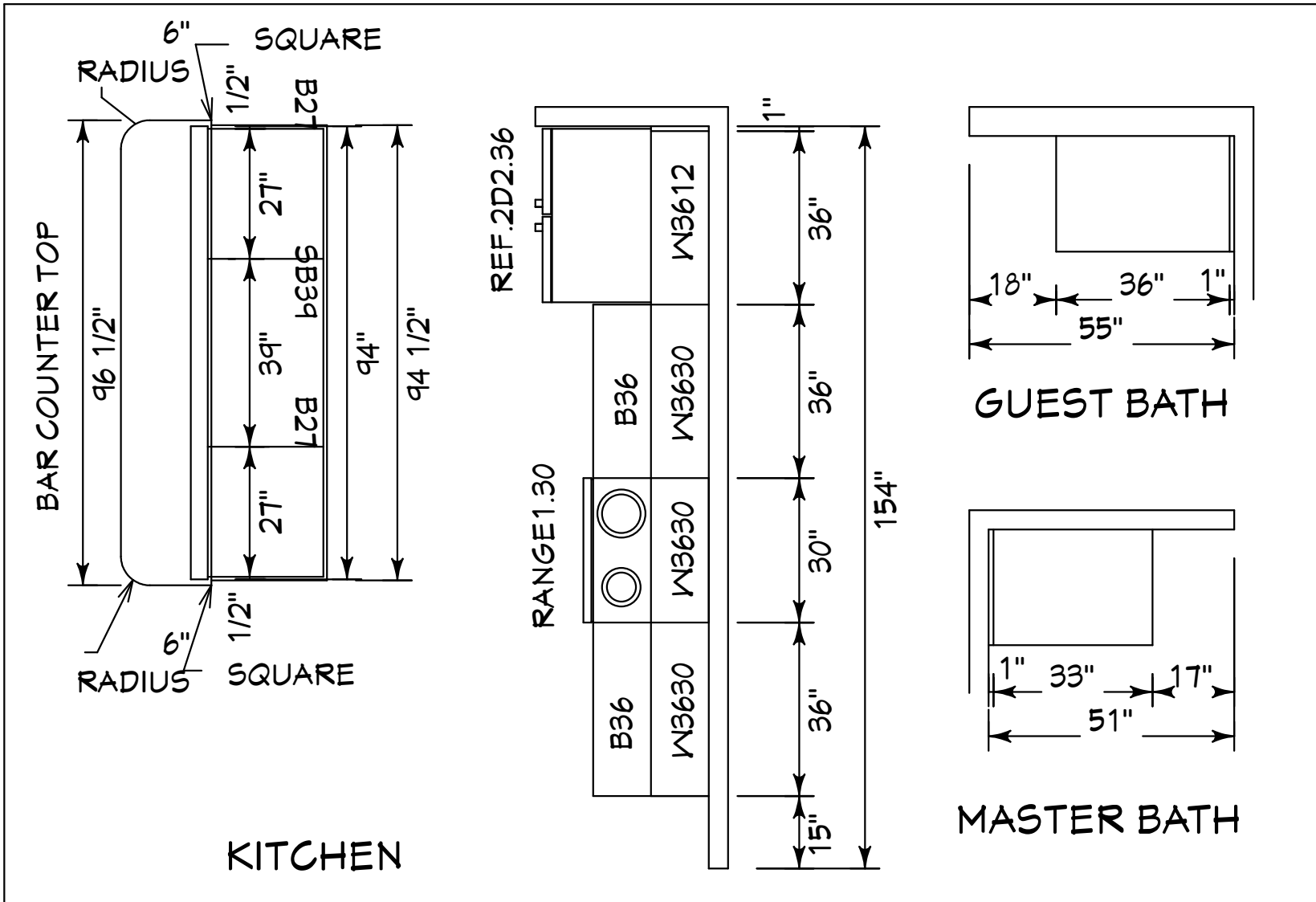
WATER CONSERVATION
FIXTURES REQUIRED
ORD#42-36

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 Permit intent.
A permit issued shall be construed to be a license to proceed with the work and not be 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 the 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.



CABINET DRAWINGS
SCALE: 3/8"=1'0"

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

PAN 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 R506

ROOF VENTILATION

R506.1 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 R502.7. 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.

R506.2 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.

R506.3 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.

R506.4 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 R703. Installation of ventilators in wall systems shall be in accordance with the requirements of Section R703.1.

R506.5 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 R506.5 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 R506.5 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 (1°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.
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:
- 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.
- 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.
- 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 E46.
- 2.4. The vapor diffusion port shall serve as an air barrier between the attic and the exterior of the building.
- 2.5. The vapor diffusion port shall protect the attic against the entrance of rain and snow.
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.

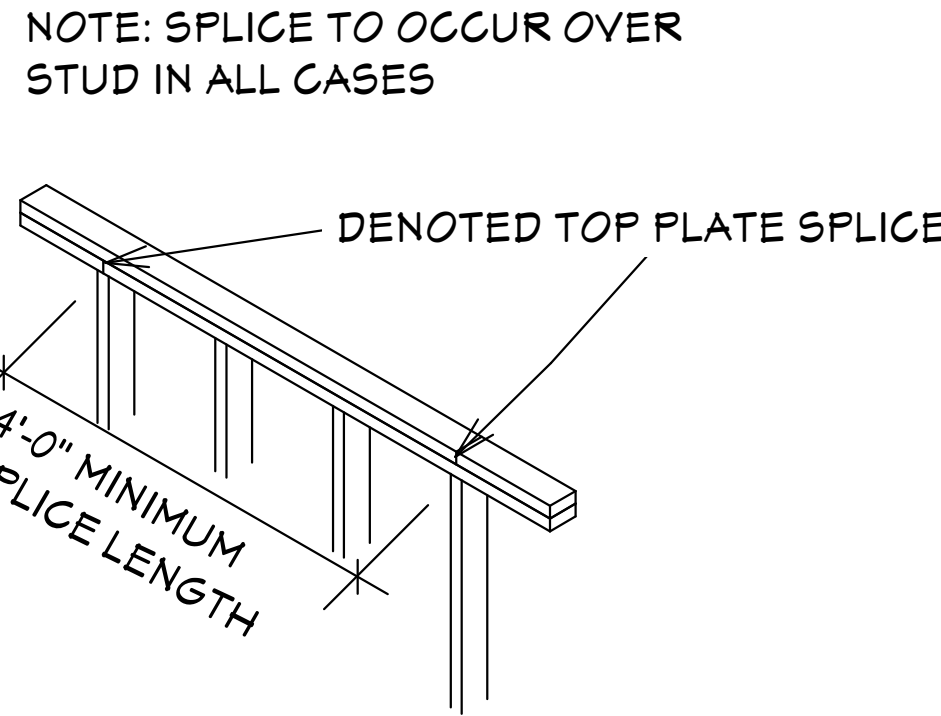
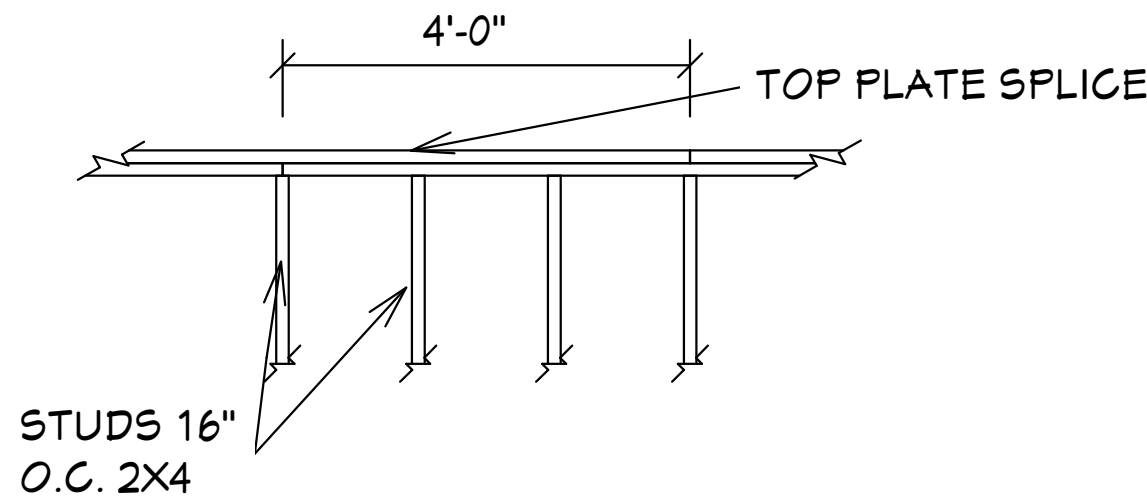
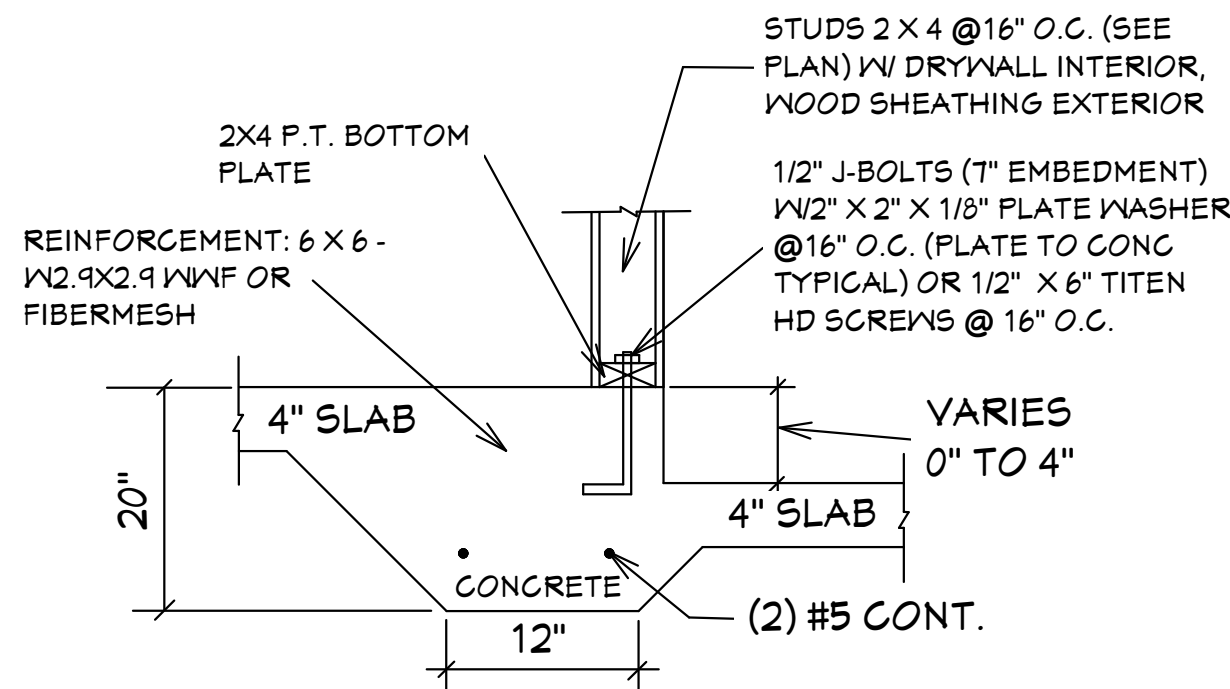
THE ROOF VENTILATION MUST MEET ALL REQUIREMENTS OF SECTION R506 ROOF VENTILATION SHOWN ABOVE.
R506.2 MINIMUM AREA CALCULATIONS:
THE TOTAL NET FREE VENTILATING AREA SHALL BE NOT LESS THAN 1 TO 300 OF THE AREA OF THE SPACE VENTILATED.
1931 SQ FT TOTAL ATTIC AREA TO BE VENTILATED
1931 SQ FT DIVIDED BY 300 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 SEPERATE OR COMBINED.
(COBRA RIDGE VENT 3 FL#6267 R17) PROVIDES 18 SQ IN. PER LINEAL FT OF NET FREE VENTILATING AREA
(TAMCO 4"Ø ROUND OFF RIDGE VENT FL#164118-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.
764.12 SQ IN VENTED SOFFIT SUPPLIED MEETS THE REQUIREMENTS.
FL # 12198.2 KAT'CAN LTD VINYL SOFFIT 10" D5
5.17 SQ IN NET FREE AREA PER LINEAL FT

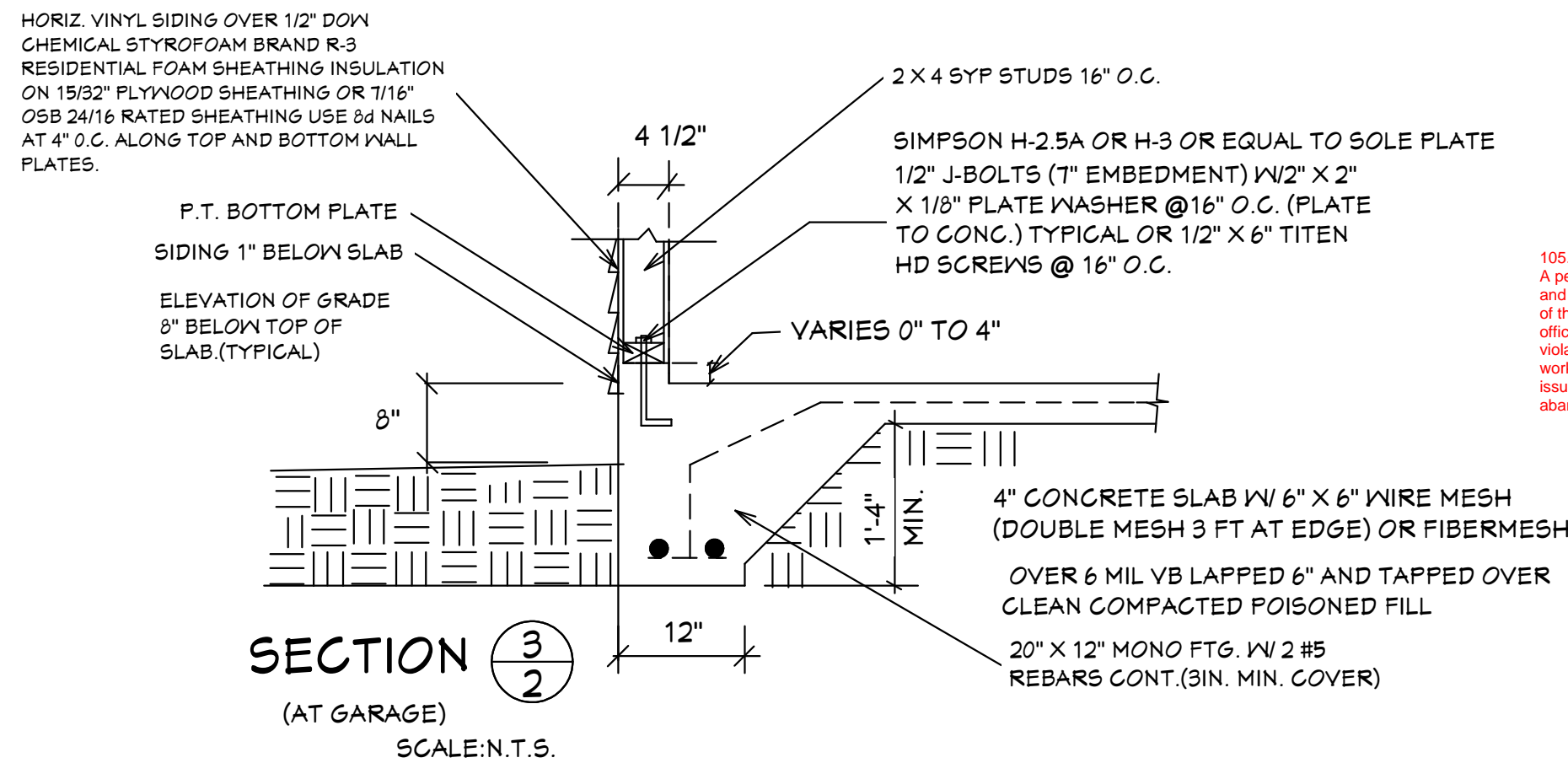
BLDMP24-000043

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

NTS

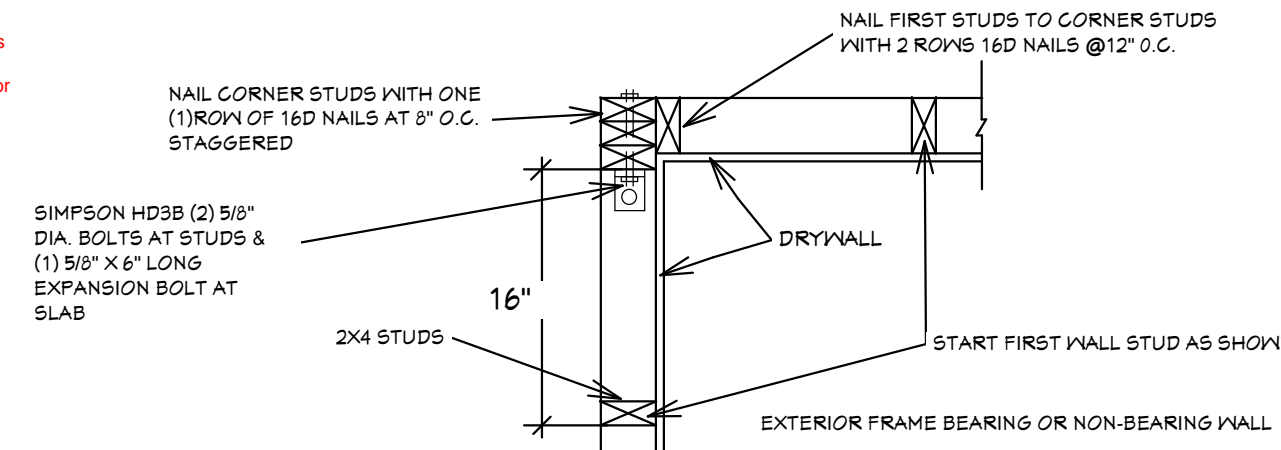


MASTERED PLAN CAPE CORAL BUILDING DIVISION

BY: MK_ DATE: 11/08/2024

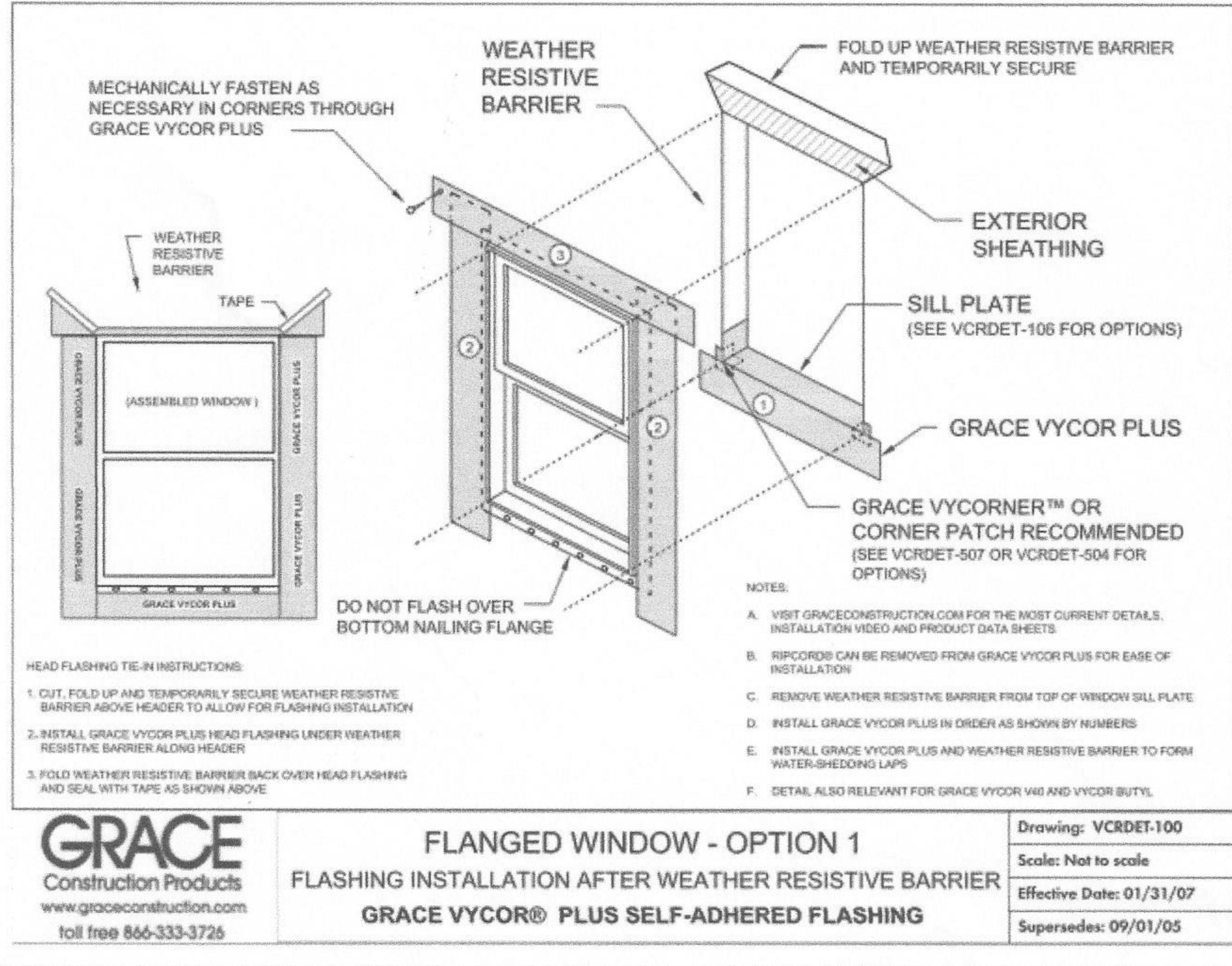
ALL CONSTRUCTION SHALL BE IN COMPLIANCE WITH THE FLORIDA BUILDING CODE, ALL STATE AND LOCAL CODES. THE GRANTING OF A PERMIT DOES NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY TO COMPLY WITH ALL CODES AND ORDINANCES.

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.



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
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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.

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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 6'0" OF ANOTHER STRUCTURE OR 30' FROM ANY PROPERTY LINE PER SECTION R302.1(1) (INCLUDING OVERHANGS)

Alfred Quattrone

Professional Engineer, State of Florida, License No. 52741
This item has been digitally signed and sealed by Alfred Quattrone, P.E. on 10/07/2024.

10-05-2024

Quattrone & Associates, Inc.

Engineers, Planners, & Development Consultants
4501 Veronica Boulevard, Fort Myers, FL 33916 (239) 556-5222
ALBUQUERQUE, N.M. 87241

10-05-2024

Digitally signed by Alfred Quattrone

Date: 2024.10-07 16:50:58
Al Quattrone, Professional Engineer, State of Florida, License No. 52741
This item has been digitally signed and sealed by Alfred Quattrone, P.E. on 10/07/2024.

10-05-2024

COMPLIANCE STATEMENT

THESE PLANS HAVE BEEN DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER AND THE DESIGN PARAMETERS FOR THE 6TH 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. 33971

CELL: (239) 462-2734

E-MAIL: DHICKS928@AOL.COM

BUILDER: HABITAT FOR HUMANITY

3 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 # 2024-049

SHEET

10 OF 10
SHEET

10-05-2024 REVISIONS

CAPE PALM 1 3/21 MODEL / RIGHT HAND GARAGE / MONO FOOTER / 2023 CODE / 10 1/2" CANT

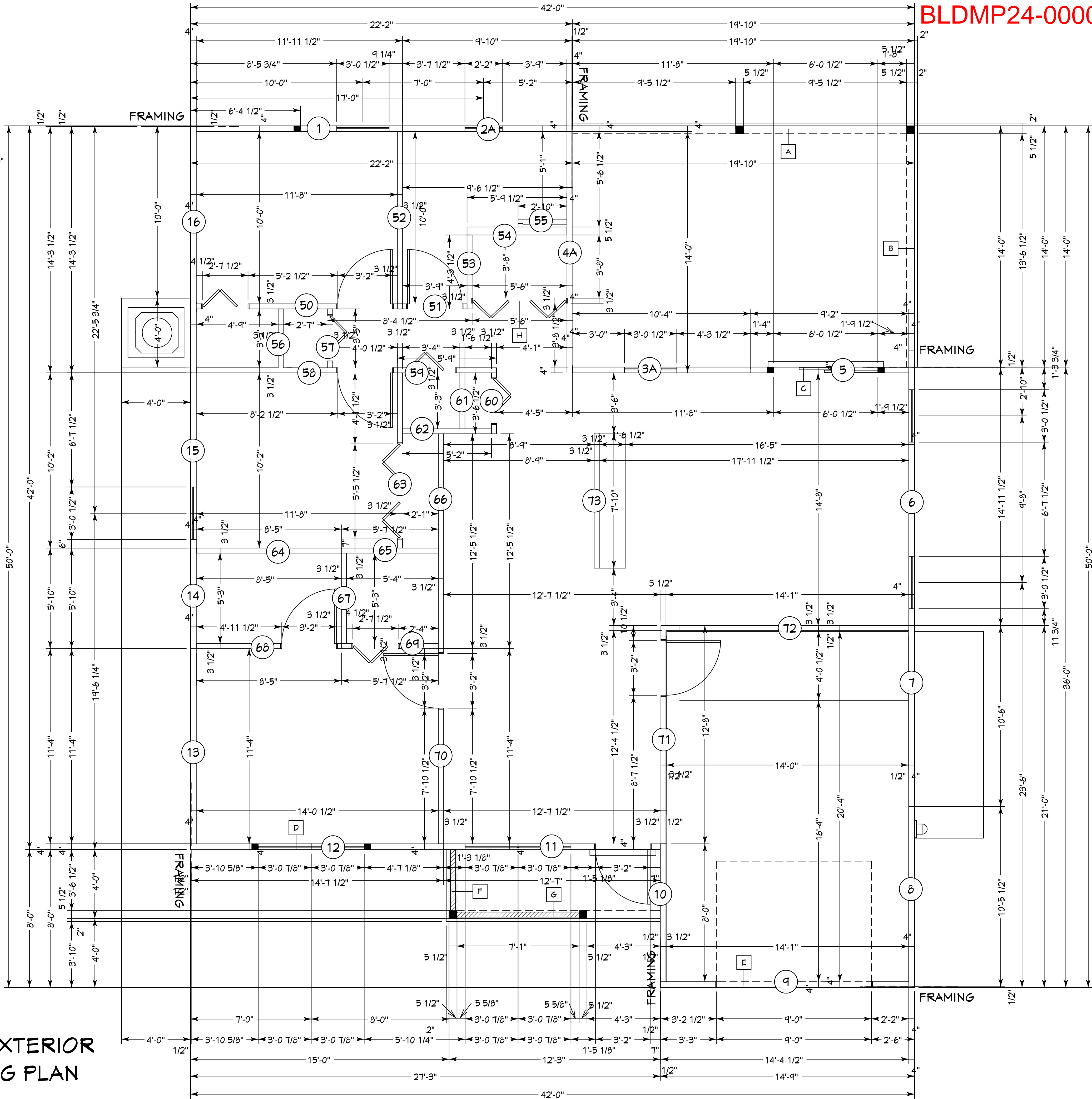
R.O. OPENINGS FOR DOORS AND WINDOWS	
(2) 3068 EXTERIOR SLIDING GLASS DOORS	T2 1/2" X 81 3/8"
3068 EXTERIOR DOOR	38" X 81 3/8"
3068 INTERIOR DOOR	38" X 81"
2068 BI-FOLD DOOR	25 1/2" X 80"
2868 BI-FOLD DOOR	33 1/2" X 80"
3068 BI-FOLD DOOR	37 1/2" X 80"
5068 BI-FOLD DOOR	61 1/2" X 80"
5468 BI-FOLD DOOR	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"

MASTERED PLAN	
CAPE CORAL BUILDING DIVISION	
BY: MK	DATE: <u>11/08/2024</u>
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.

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.



CAPE PAI M 1 3/2/1 MODEL / RIGHT HAND GARAGE / MONO FOOTER / 2023 CODE / 10 1/2" CANT

10-05-2024 REVISIONS

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

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LOT- /BLOCK- /UNIT- /SECTION-
TOWNSHIP. SOUTH/RANGE- EAST
STRAP#
ADDRESS:
ADDRESS:

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