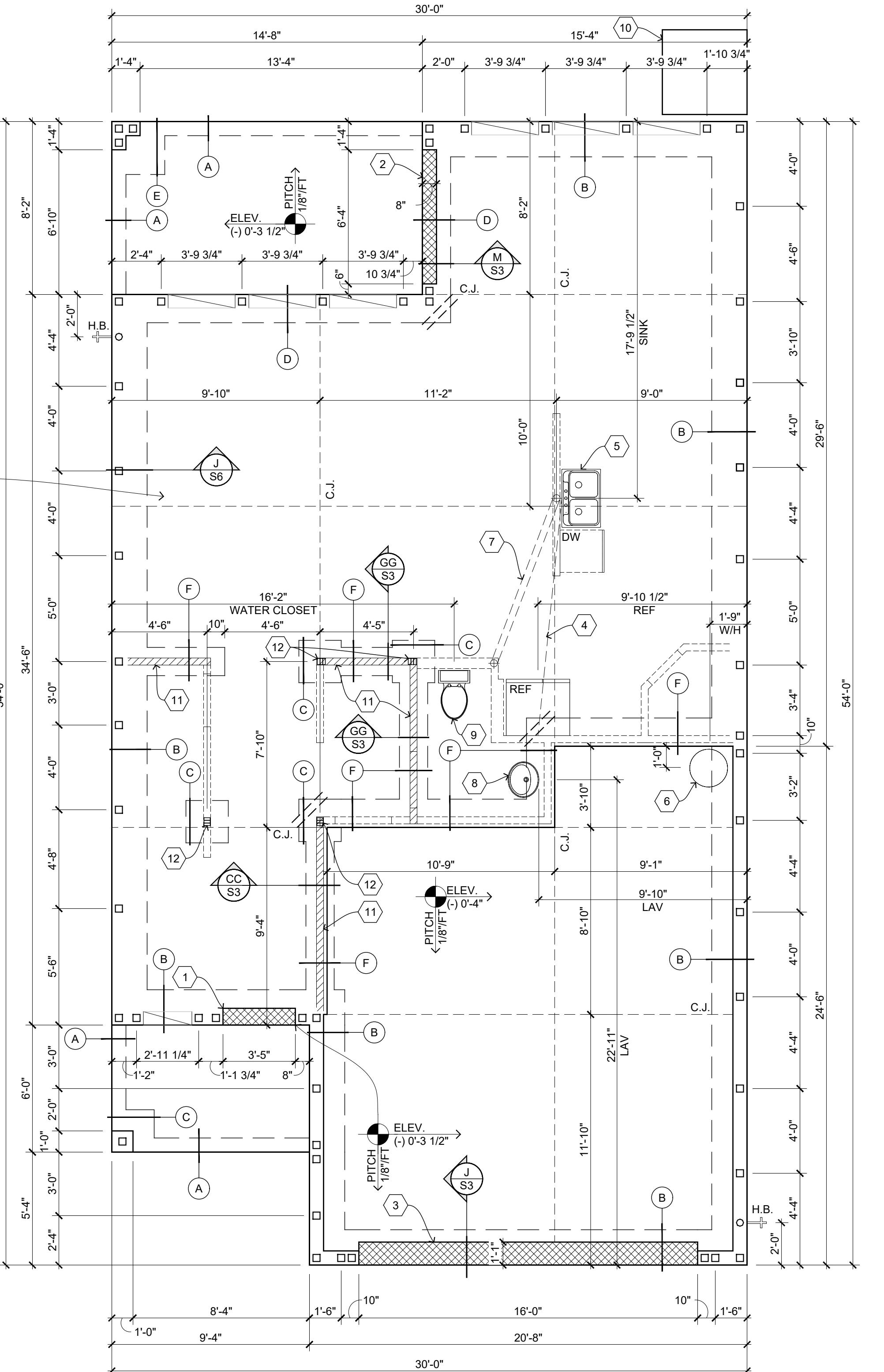


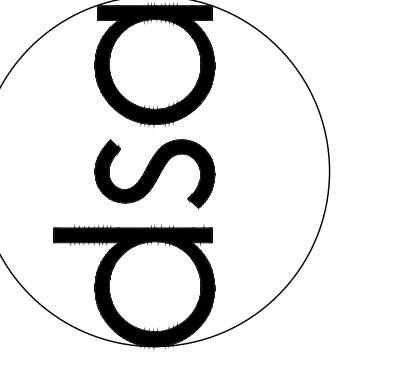
ABBREVIATIONS		GENERAL NOTES	VERSION CHANGES	INDEX OF DRAWINGS																																																																		
<p>ABV - ABOVE AFF - ABOVE FINISH FLOOR AHU - AIR HANDLER UNIT A/C - AIR CONDITIONING ALUM - ALUMINUM AT - ALUMINUM THRESHOLD AB - ANCHOR BOLT AVG - AVERAGE BFE - BASE FLOOD ELEVATION BM - BEAM BLK - BLOCK BLDG - BUILDING BRD - BOARD BRG - BEARING BTM - BOTTOM BUC - BUILT UP COLUMN CAB - CABINET CD - CONSTRUCTION DOCUMENTS CLG - CEILING CLG HT - CEILING HEIGHT CEMT - CEMENTITIOUS CL - CENTERLINE COL - COLUMN CONC - CONCRETE CMU - CONCRETE MASONRY UNIT CONST - CONSTRUCT OR CONSTRUCTION CONT - CONTINUOUS OR CONTINUES CTR - CENTER CJ - CONTROL JOINT DP - DEEP OR DEPTH DTL - DETAIL DIA - DIAMETER DIM - DIMENSION DISCON - DISCONNECT DW - DISHWASHER DR - DOOR DBL - DOUBLE DWG - DRAWING EA - EACH ELEC - ELECTRICAL ELEV - ELEVATOR EQ - EQUAL EQUIP - EQUIPMENT EXP JT - EXPANSION JOINT EXT - EXTERIOR FIN FL - FINISHED FLOOR FIN - FINISH EW - EACH WAY FG - FIXED GLASS FD - FLOOR DRAIN FE - FIRE EXTINGUISHER FLR - FLOOR FLOUR - FLUORESCENT FTG - FOOTING FR DR - FRENCH DOOR GALV - GALVANIZED GA - GAUGE GB - GRAB BAR GFI / GFCI - GROUND FAULT CIRCUIT INTERRUPTER GLS - GLASS GWB - GYPSUM WALL BOARD GYPB RD - GYPSUM BOARD HD - HEAD HVAC - HEATING, VENTILATING, AIR CONDITIONING HT - HEIGHT HB - HOSE BIB HC - HANDICAP INSUL - INSULATION INT - INTERIOR LVL - LAMINATED VENEER LUMBER LT - LAUNDRY TUB LGT - LIGHT MAX - MAXIMUM MATL - MATERIAL MFR - MANUFACTURER MECH - MECHANICAL MTL - METAL MC - MEDICINE CABINET MIN - MINIMUM</p> <p>MLDG - MOULDING MNT - MOUNT OR MOUNTING MO - MASONRY OPENING MUNT - MUNTINS # - NUMBER OC - ON CENTER OGD - OVERHEAD GARAGE DOOR OPNG - OPENING OPP - OPPOSITE OPT - OPTIONAL OPT - OPTIONAL OH HANG - OVERHEAD HANG OH CABS - OVERHEAD CABS PAINT - PAINT FINISH PTD - PAINTER PED - PEDESTAL PERF - PERFORATED PLT - PLATE PLYWD - PLYWOOD PKT - POCKET LB - POUND PSF - POUNDS PER SQUARE FOOT PSI - POUNDS PER SQUARE PT - PRESSURE TREATED PB - PUSH BUTTON REF - REFRIGERATOR RECPL - RECEPACLE REINF - REINFORCING REQD - REQUIRED R/A - RETURN AIR RO - ROUGH OPENING RS - ROUGH SAWN SC - SOLID CORE SCP - SCUPPER SCRN - SCREEN SIM - SIMILAR SHLV - SHELVES SHELF & ROD - SHELF & ROD SGD - SLIDING GLASS DOOR SPECs - SPECIFICATIONS SQ FT - SQUARE FEET SQ IN - SQUARE INCH STD - STANDARD STL - STEEL STRUCT - STRUCTURAL TEMP - TEMPERED THK - THICK OR THICKNESS TB - TOWEL BAR TOC - TOP OF CONCRETE TOM - TOP OF MASONRY TOP - TOP OF PLATE TP - TOILET PAPER HOLDER TYP - TYPICAL UNO - UNLESS NOTED OTHERWISE VAC - VACUUM VAL - VALANCE VERT - VERTICAL VIF - VERIFY IN FIELD VTR - VENT THROUGH ROOF VU - VUL WC - WATER CLOSET WH - WATER HEATER WL - WIND LOAD WP - WEATHERPROOF WWM - WELDED WIRE MESH W - WIDE OR WIDTH WDW - WINDOW WI - WITH WD - WOOD</p>		<p>THE FOLLOWING TECHNICAL CODES SHALL APPLY: 2020 FLORIDA BUILDING CODE RESIDENTIAL PLUMBING, MECHANICAL, FUEL GAS, ENERGY EFFICIENCY, ACCESSIBILITY, AND NFPA 70 NATIONAL ELECTRICAL CODES 2017 2020 FBC PLUMBING RESIDENTIAL SECTION 604 1. TANK TYPE WATER CLOSET VOLUME 1.6 GALLONS</p> <p>2. WATER - FLOW RATE: PUBLIC FACILITIES LAV 0.5 G.P.M. PRIVATE FACILITIES LAV 2.2 G.P.M. SHOWER HEADS 2.5 G.P.M.</p> <p>3. ALL PLUMBING WATER LINES TO BE CPVC</p> <p>VTR LOCATIONS ARE APPROXIMATE AND MAY CHANGE DUE TO JOB SITE CONDITIONS</p> <p>THE FOLLOWING SHALL COMPLY WITH THE 2020 FBC RESIDENTIAL CODE</p> <p><input type="checkbox"/> PORCHES AND BALCONIES CHAP. 3</p> <p><input type="checkbox"/> HANDRAILS - CHAP. 3</p> <p><input type="checkbox"/> GUARDRAILS - CHAP. 3</p> <p><input type="checkbox"/> STAIRS - CHAP. 3</p> <p><input type="checkbox"/> CHIMNEY & FIREPLACE CHAP. 10</p> <p><input type="checkbox"/> EGRESS WINDOWS CHAP. 3</p> <p>5. ALL OPENINGS SHALL COMPLY WITH 2020 FBC RESIDENTIAL WIND LOADS AS STATED BELOW. ATTACHMENTS OF WINDOWS, DOORS, SLIDING GLASS DOORS AND O.H. GARAGE DOORS ARE TO BE DELEGATED THE MANUFACTURER OF THESE ITEMS. THE MANUFACTURER OF THESE ITEMS SHALL SUBMIT ATTACHMENTS FOR SITE INSTALLATION.</p> <p>SEE ATTACHED SPECIFICATION SHEETS FOR MANUFACTURERS DESIGN CRITERIA AND INSTALLATION METHODS FOR WINDOWS, DOORS, SLIDING GLASS DOORS, OVERHEAD GARAGE DOORS, AND ROOFING.</p> <p>6. ALL DOORS INTERIOR & EXTERIOR ARE 6'-8" UNLESS OTHERWISE NOTED ALL SHOWER ENCLOSURES TO BE TEMPERED GLASS</p> <p>7. ALL WINDOWS WITHIN 24" OF DOORS (INTERIOR & EXTERIOR) AND WITHIN 18" OF FLR TO BE TEMPERED GLASS. (SECTION R308)</p> <p>DIMENSIONING:</p> <p>A. DIMENSIONS INDICATED ARE TO: A.1. CMU WALL: OUTSIDE FACE OF WALL A.2. INTERIOR FRAMED WALLS: PLAN WEST (OR PLAN NORTH) FROM FACE OF CORE STUD A.2.1. DIMENSIONS ARE NOT FROM ELEMENTS ATTACHED TO CORE STUD - I.E. FURRING A.3. EXTERIOR FRAMED WALLS: TO OUTSIDE FACE OF STRUCTURAL CORE-STUD A.4. WINDOW OPENINGS: A.4.1. CMU WALLS: TO LEFT SIDE OF ROUGH OPENING A.4.2. EXTERIOR FRAMED WALLS: TO CENTER OF OPENING A.5. DOOR OPENINGS: A.5.1. CMU WALLS: TO LEFT SIDE OF ROUGH OPENING A.5.2. EXTERIOR FRAMED WALLS: TO CENTER OF OPENING A.5.3. INTERIOR FRAMED WALLS: ADJACENT TO SIDE WALL: 5" RETURN MEASURED FROM THE FINISH FACE OF ADJACENT WALL TO INTERIOR FACE OF DOOR FRAME A.5.4. EXTERIOR FRAMED WALLS: AWAY FROM SIDE WALLS: DIMENSIONED TO CENTER OF DOOR A.6. SPECIAL AND CODE REQUIRED CLEARANCES - AS INDICATED ON PLANS OR FINISH SURFACE TO FINISH SURFACE A.6.1. EXAMPLE: 3'-0" CLEAR INSIDE FINISH FOR ADA TRANSFER SHOWER B. ALIGNMENT OF WALLS AND FINISHES AS SCHEDULED SHALL BE STRAIGHT, TRUE AND PLUMB. C. THE PRIORITY FOR PROJECT DIMENSIONS SHALL BE IN THE FOLLOWING ORDER: C.1. CODE MINIMUM - MAXIMUM DIMENSIONS AND CLEARANCES C.2. LOAD BEARING CONCRETE MASONRY UNIT WALLS C.3. FRAMED WALLS EXTERIOR C.4. FRAMED WALLS INTERIOR C.5. DOORS AND WINDOWS D. FLOOR ELEVATIONS ARE INDICATED TO THE FACE OF THE STRUCTURAL SLAB - UNLESS OTHERWISE NOTED E. VERTICAL DIMENSIONS ARE INDICATED FROM THE FLOOR ELEVATION TO THE FACE OF MATERIAL AT THE DIMENSION POINT - UNLESS OTHERWISE NOTED F. CEILING HEIGHTS ARE INDICATED FROM THE FLOOR ELEVATION TO FACE OF THE STRUCTURAL MATERIAL ABOVE AS SCHEDULED G. DIMENSIONS SHOWN ON THE DRAWINGS SHALL INDICATE THE REQUIRED SIZE, CLEARANCE AND DIMENSIONAL RELATIONSHIP BETWEEN PROJECT SYSTEMS AND COMPONENTS - DIMENSIONS SHALL NOT BE DETERMINED BY SCALING THE DRAWINGS.</p>	<p>VERSION DESCRIPTION OF CHANGES</p> <table border="1"> <tr><td>1.0</td><td>PLAN REVISIONS</td></tr> <tr><td>2.0</td><td>PLAN REVISIONS</td></tr> <tr><td>3.0</td><td>TRUSS CONNECTOR REVISION</td></tr> <tr><td>4.0</td><td>FLORIDA BUILDING CODE 7TH EDITION (2020) UPDATE</td></tr> </table>	1.0	PLAN REVISIONS	2.0	PLAN REVISIONS	3.0	TRUSS CONNECTOR REVISION	4.0	FLORIDA BUILDING CODE 7TH EDITION (2020) UPDATE	<p>SHT NO: TITLE</p> <table border="1"> <tr><td>CS</td><td>COVER SHEET</td></tr> <tr><td>A1</td><td>FOUNDATION PLAN</td></tr> <tr><td>A2</td><td>1ST AND 2ND FLOOR PLAN</td></tr> <tr><td>A3</td><td>STAIR DETAILS</td></tr> <tr><td>A4</td><td>2ND FLOOR - ROOF FRAMING PLAN</td></tr> <tr><td>A5</td><td>EXTERIOR ELEVATIONS & ROOF OF PLAN</td></tr> <tr><td>A6</td><td>1ST & 2ND FLOOR ELECTRICAL PLAN</td></tr> <tr><td>A7</td><td>INTERIOR ELEVATIONS</td></tr> <tr><td>SNO</td><td>STRUCTURAL NOTES</td></tr> <tr><td>SNT</td><td>STRUCTURAL NOTES</td></tr> <tr><td>S3/M/S</td><td>FOUNDATION DETAILS</td></tr> <tr><td>S4</td><td>FRAME WALL DETAILS</td></tr> <tr><td>S5</td><td>ROOF FRAMING DETAILS</td></tr> <tr><td>S6/M/S</td><td>WALL SECTION DETAILS</td></tr> <tr><td>SS</td><td>RETRO FIT DETAILS</td></tr> <tr><td>ST</td><td>STAIR DETAILS</td></tr> <tr><td>S11</td><td>PRECAST DETAILS</td></tr> <tr><td>S12</td><td>PRECAST DETAILS</td></tr> <tr><td>PA 1.0</td><td>PRODUCT APPROVAL</td></tr> <tr><td>PA 1.1</td><td>PRODUCT APPROVAL</td></tr> <tr><td>PA 1.2</td><td>PRODUCT APPROVAL</td></tr> <tr><td>PA 1.3</td><td>PRODUCT APPROVAL</td></tr> <tr><td>SH 1.0</td><td>HURRICANE SHUTTERS</td></tr> <tr><td>SH 1.1</td><td>HURRICANE SHUTTERS</td></tr> <tr><td>SH 1.2</td><td>HURRICANE SHUTTERS</td></tr> <tr><td>SH 1.3</td><td>HURRICANE SHUTTERS</td></tr> <tr><td>SH 1.4</td><td>HURRICANE SHUTTERS</td></tr> <tr><td>SH 1.5</td><td>HURRICANE SHUTTERS</td></tr> <tr><td>WP 1.0</td><td>WATERPROOFING DETAILS</td></tr> </table>	CS	COVER SHEET	A1	FOUNDATION PLAN	A2	1ST AND 2ND FLOOR PLAN	A3	STAIR DETAILS	A4	2ND FLOOR - ROOF FRAMING PLAN	A5	EXTERIOR ELEVATIONS & ROOF OF PLAN	A6	1ST & 2ND FLOOR ELECTRICAL PLAN	A7	INTERIOR ELEVATIONS	SNO	STRUCTURAL NOTES	SNT	STRUCTURAL NOTES	S3/M/S	FOUNDATION DETAILS	S4	FRAME WALL DETAILS	S5	ROOF FRAMING DETAILS	S6/M/S	WALL SECTION DETAILS	SS	RETRO FIT DETAILS	ST	STAIR DETAILS	S11	PRECAST DETAILS	S12	PRECAST DETAILS	PA 1.0	PRODUCT APPROVAL	PA 1.1	PRODUCT APPROVAL	PA 1.2	PRODUCT APPROVAL	PA 1.3	PRODUCT APPROVAL	SH 1.0	HURRICANE SHUTTERS	SH 1.1	HURRICANE SHUTTERS	SH 1.2	HURRICANE SHUTTERS	SH 1.3	HURRICANE SHUTTERS	SH 1.4	HURRICANE SHUTTERS	SH 1.5	HURRICANE SHUTTERS	WP 1.0	WATERPROOFING DETAILS
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		<p>SQUARE FOOTAGE NOTICE</p> <p>ALL SQUARE FOOTAGES QUOTED ARE APPROXIMATE. OVERALL DIMENSIONS ARE TAKEN FROM OUTSIDE OF WALLS. INTERIOR DIMENSIONS ARE TAKEN FROM INSIDE OF FRAME. TAKE INTO ACCOUNT FOR FRAME AND DON'T FORGET TO ADD AN ALLOWANCE FOR DRYWALL.</p>	<p>LENNAR DIVISION 4600 W CYPRESS ST, SUITE 200 TAMPA, FL 33607 813.574.5700</p>																																																																			
<p>SYMBOL LEGEND:</p>		<p>LENNAR DIVISION 4600 W CYPRESS ST, SUITE 200 TAMPA, FL 33607 813.574.5700</p>	<p>NOTICE TO BUILDER & ALL SUBCONTRACTORS</p> <p>IT IS THE INTENT OF DESIGN PROFESSIONAL LISTED IN THE TITLE BLOCK THAT THESE DOCUMENTS ARE ACCURATE, PROVIDING LICENSED PROFESSIONALS CLEAR INFORMATION. EVERY ATTEMPT HAS BEEN MADE TO PREVENT ERRORS. THE BUILDER AND ALL SUBCONTRACTORS ARE REQUIRED TO REVIEW ALL THE INFORMATION CONTAINED IN THESE DOCUMENTS, PRIOR TO THE CONSTRUCTION OF THE PROJECT.</p>																																																																			
<p>15188-71-1813 Block: 18 Bryant Sq 40</p> <table border="1"> <tr><td>Version:</td><td>1.0</td><td>12/07/15</td></tr> <tr><td></td><td>2.0</td><td>12/16/15</td></tr> <tr><td></td><td>3.0</td><td>10/12/20</td></tr> <tr><td></td><td>4.0</td><td>02/12/21</td></tr> </table> <p>COPYRIGHT NOTICE THIS PLAN MAY NOT BE REPRODUCED IN ANY MANNER WITHOUT THE WRITTEN CONSENT FROM LENNAR TAMPA DIVISION</p>		Version:	1.0	12/07/15		2.0	12/16/15		3.0	10/12/20		4.0	02/12/21	<p>LENNAR DIVISION 4600 W CYPRESS ST, SUITE 200 TAMPA, FL 33607 813.574.5700</p>	<p>design styles architecture 1708 E Columbus Drive Tampa, Florida 33605 p 813.291.6700 f 813.327.9737 c designstylearchitecture.com #A003393</p> <p>ANDREW J. DOMENI, AR #15805 4/14/2022</p>																																																							
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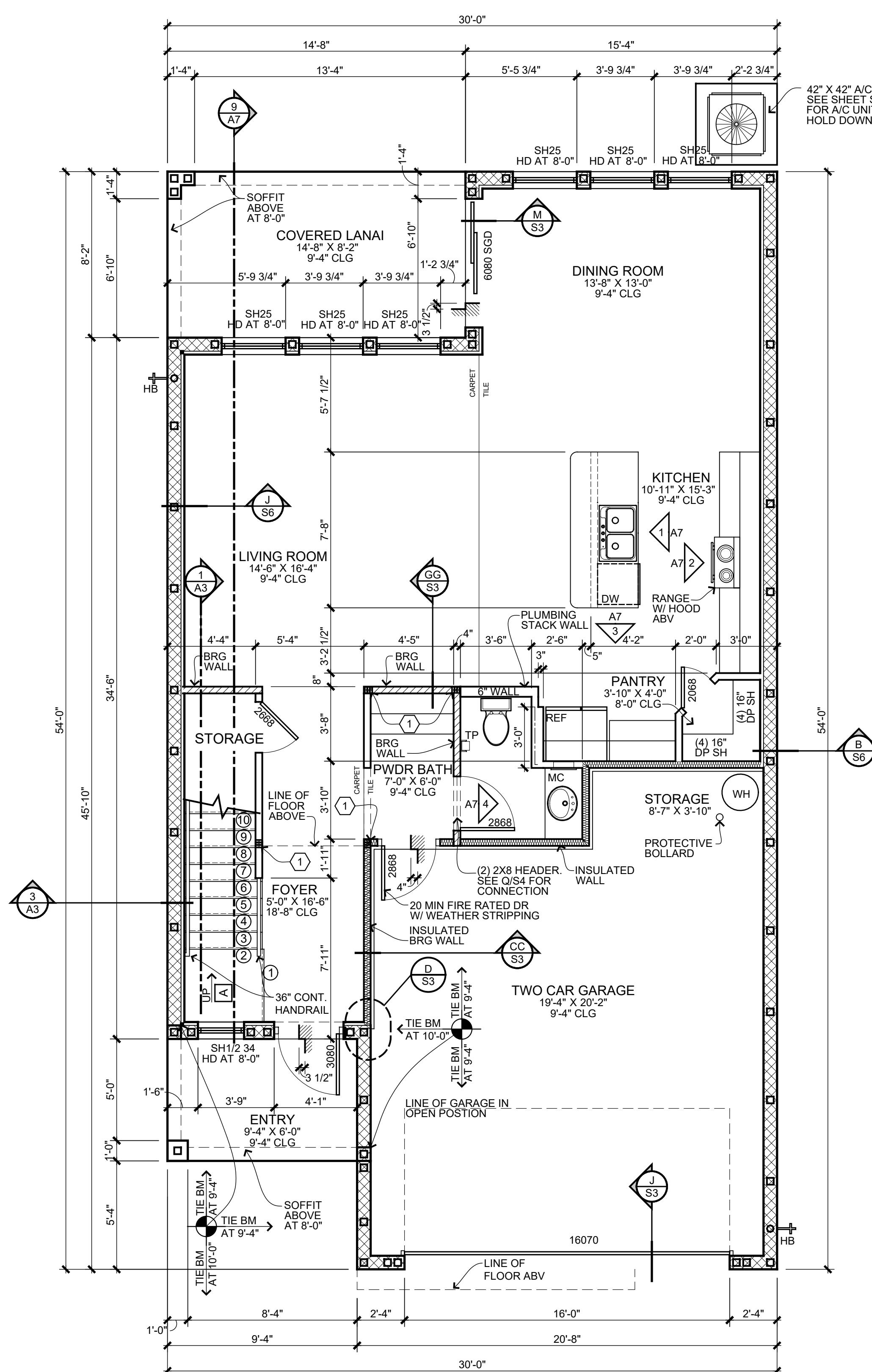
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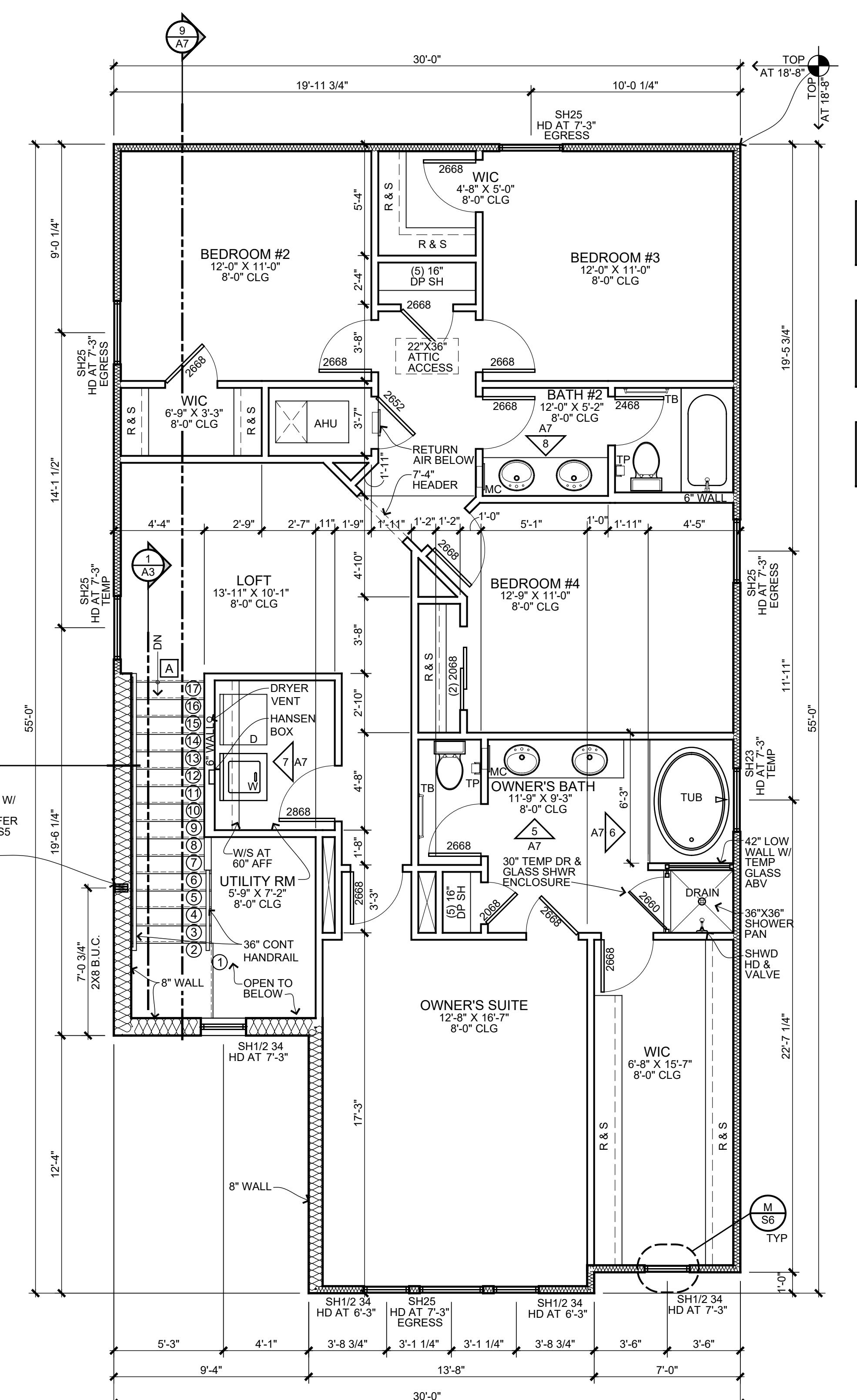
1 FOUNDATION PLAN (ELEVATIONS A & B)
1/4" = 1'-0"

NOTE: BUILDING SLABS SHALL HAVE CONTROL JOINTS (CJ) IN ACCORDANCE W/ ACI224-3R			
<input type="checkbox"/> = FILLED CELL W(1) #5 VERTICAL			
<input checked="" type="checkbox"/> = FILLED CELL W(1) #5 TURNED 2'-0" INTO SLAB			
<input type="checkbox"/> = FILL CELL TO ONE COURSE ABV PIPE (NO REBAR)			
<input type="checkbox"/> = (2) 24" #5 REBAR PLACED DIAGONAL AT CORNERS			
<input type="checkbox"/> = WINDOW OPENING LOCATION			
<input type="checkbox"/> = WALL AT SLAB RECESS			
<input checked="" type="checkbox"/> = DOOR RECESS IN SLAB			
PLUMBING NOTES:			
FBC 7TH EDITION (2020) PLUMBING SECTION 604			
1. TANK TYPE WATER CLOSET VOLUME 1.6 GALLONS			
2. WATER - FLOW RATE.			
PUBLIC FACILITIES LAV 0.5 G.P.M. PRIVATE FACILITIES LAV 2.2 G.P.M. SHOWER HEADS 2.5 G.P.M.			
VTR LOCATIONS ARE APPROXIMATE AND MAY CHANGE DUE TO JOBSITE CONDITIONS.			
LICENSED PLUMBER TO VERIFY AND HAS THE AUTHORITY TO CHANGE AS NEEDED.			
KEYNOTE LEGEND			
KEYNOTE	ANNOTATION		
<input type="checkbox"/> 1	1/2" DP X 9-1/2" WIDE RECESS		
<input type="checkbox"/> 2	1-1/2" DP X 8" WIDE RECESS		
<input type="checkbox"/> 3	1-1/2" DP X 13" WIDE RECESS		
<input type="checkbox"/> 4	ICE MAKER LINE		
<input type="checkbox"/> 5	SINK - KITCHEN		
<input type="checkbox"/> 6	W/H		
<input type="checkbox"/> 7	UNDER SLAB ELECTRICAL CONDUIT		
<input type="checkbox"/> 8	LAVATORY		
<input type="checkbox"/> 9	WATER CLOSET		
<input type="checkbox"/> 10	42" x 42" A/C CONCRETE PAD		
<input type="checkbox"/> 11	BEARING WALL		
<input type="checkbox"/> 12	(3) 2x4 BUC W/ HTT4 ON BOTTOM		
FOOTING LEGEND			
TAG	TYPE	SIZE	REINFORCING
(A)	THICKEN EDGE	8" x 8" DP	(1) #5 CONT.
(B)	MONO FTG	20" x 20" DP	(3) #5s CONT.
(C)	PAD	24" SQ x 16" DP	#5s 6" O.C. EA. WAY
(D)	MONO FTG	16" x 20" DP	(2) #5s CONT.
(E)	PAD	30" SQ x 16" DP	#5s 6" O.C. EA. WAY
(F)	MONO FTG	16" x 16" DP	(2) #5s CONT.

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INVENTORY 15188-71-1813 Bryant Sq 40	
PLAN NAME A1	Version: 1.0 12/07/15 2.0 12/16/15 3.0 10/12/20 4.0 02/12/21
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LAST PLOT DATE Apr. 14, 22	©2014 LENNAR
FOUNDATION PLAN	



1 FIRST FLOOR PLAN (ELEVATIONS A & B)
1/4" = 1'-0"



2 SECOND FLOOR PLAN (ELEVATIONS A & B)
1/4" = 1'-0"

GENERAL NOTES:

ALL WINDOWS TO HAVE FLUSH SILLS. PITCH TOP SILL FIN AWAY FROM WINDOW FRAME.

VERIFY ALL WINDOW AND DOOR ROUGH OPENING SIZES WITH THE MANUFACTURER'S SPECIFICATIONS.

INSTALL RND DRYWALL BEADS AT HORIZ & VERT CORNERS, EXCEPT AT EXT WALL OPENINGS OR AS NOTED.

USE SQUARE CORNER BEAD AT DRYWALL NICHES & REC CLG DETAILS, REC CLG SURFACES SHALL HAVE SMOOTH FINISH.

LOCATE ALL PLUMBING & EXHAUST STACKS BEYOND THE FRONT ELEV ROOF RIDGES, IF ALLOWABLE PER CODE.

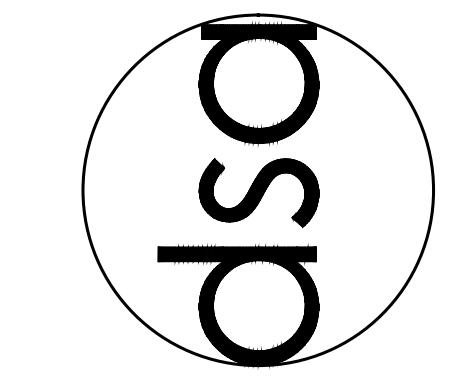
ALL ANGLED WALLS TO BE 45° UNLESS NOTED OTHERWISE.

THE GARAGE IS TO BE SEPARATED FROM ADJACENT LIVING AREA AND ATTIC SPACE BY 1/2" GYPSUM BOARD AND HABITABLE ROOMS ABOVE BY NOT LESS THAN 5/8" THK TYPE "X" GYPSUM BOARD (OR EQUIVALENT) APPLIED TO THE GARAGE SIDE.

TOWEL BAR - (T.B.) = 56" A.F.F.
TOWEL BAR ABV. TUB DECK = 36" ABV. TUB DECK
TOILET PAPER DISP. - (T.P.) = 20" A.F.F.
ROD AND SHELF (SGL) - (R/S) = 60" A.F.F.
ROD AND SHELF (DBL) - (R/S) = 40" & 80" A.F.F.
CORNER SHELF = 56" A.F.F.
MEDICINE CABINET - (M.C.) = 75" TO TOP OF CABINET A.F.F.

*PROVIDE 2X BLOCKING IN WALL AT ALL LOCATIONS FOR T.B. AND T.P.

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INVENTORY
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Version:
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2.0
3.0
4.0

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A2
LAST PLOT DATE
Apr. 14, 22
1ST & 2ND FLOOR PLAN

ANDREW J. DOMEN, AR #15805 4/14/2022
#AA003393
1708 E Columbus Drive
Tampa, Florida 33635
designsearcharchitecture.com

PLAN NAME
2342 - LEGACY

TRIBUTARY AREA (ft)²
10
20
50
100
GARAGE DR

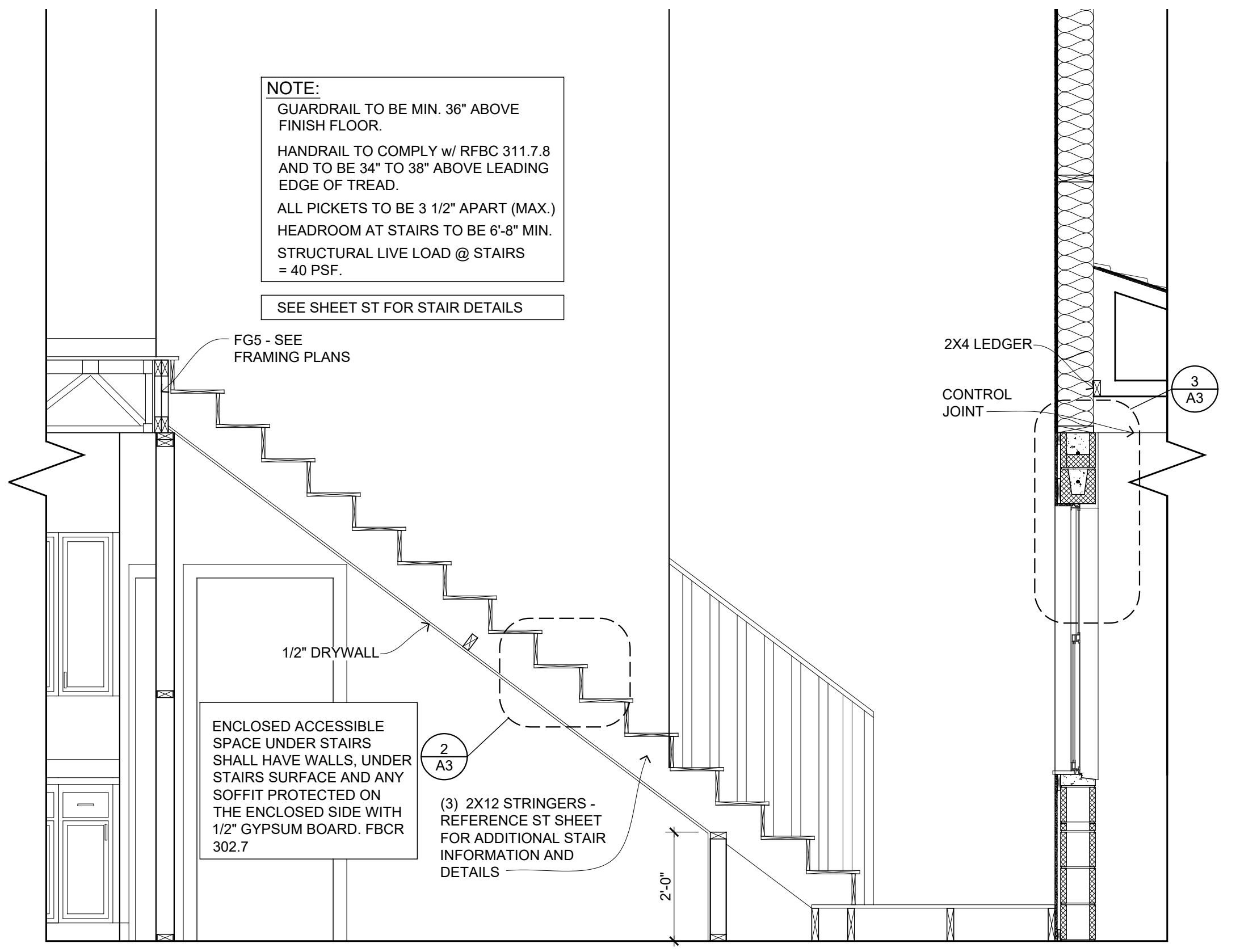
WALL
INTERIOR
END
44.9
48.6
44.9
-59.9
42.8
45.4
42.8
-55.1
40.0
43.7
40.0
-50.2
38.1
40.5
38.1
-45.4
32.2
36.5
32.2
-36.5

ALLOWABLE WIND SPEED DESIGN PRESSURE
(145 mph, enclosed, 3 sec, gust, 2.1/12 to 6.9.12 pitch, Exposure C, Height=30 ft, Importance Factor=1.0, End Zone= 4 ft).
As per Florida Building Code 7th edition (2020), Residential Table 301.2 (4) (Wind Speed Conversions) and ASCE 7-10 Methods

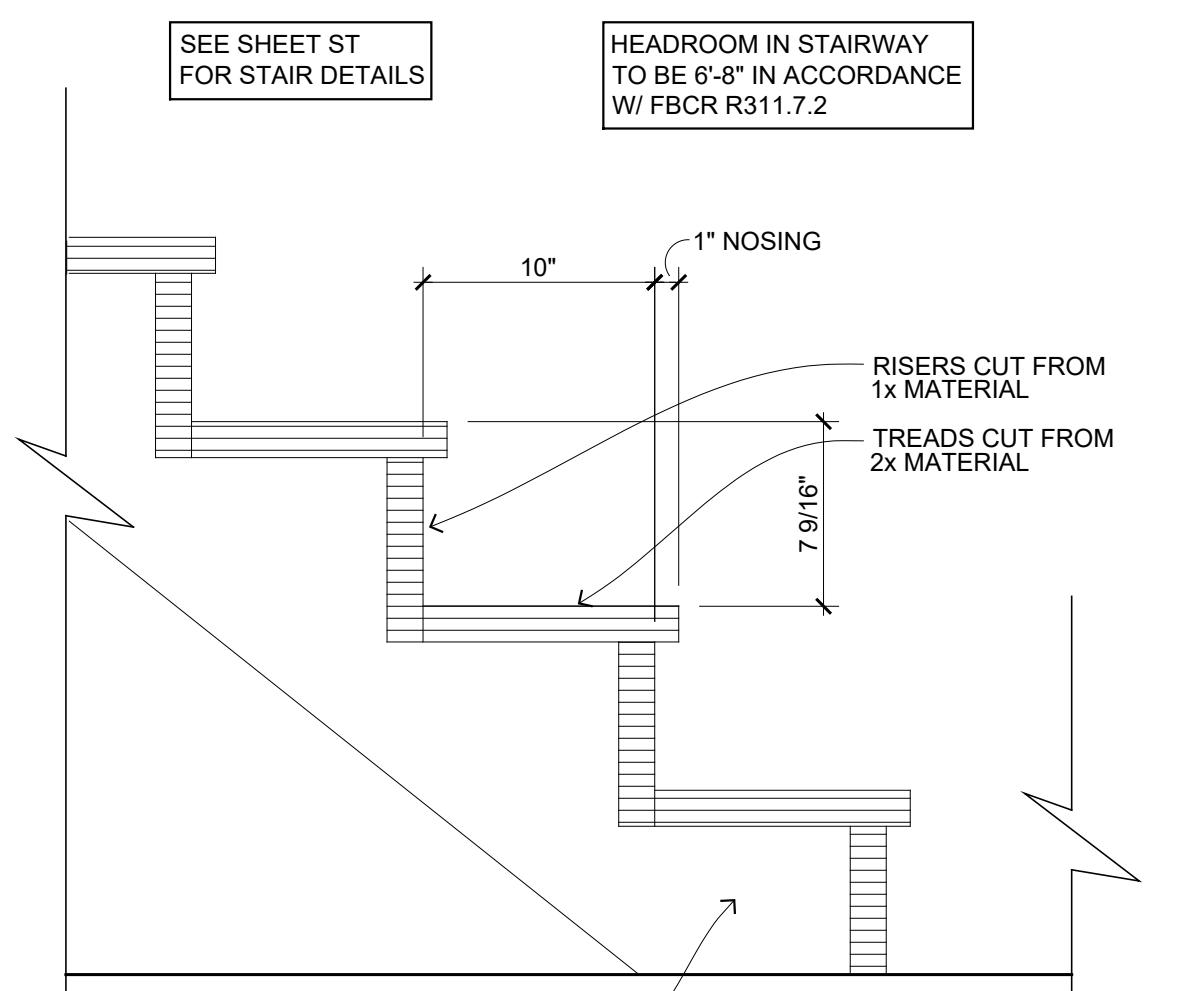
LAST PLOT DATE
Apr. 14, 22
1ST & 2ND FLOOR PLAN

A2

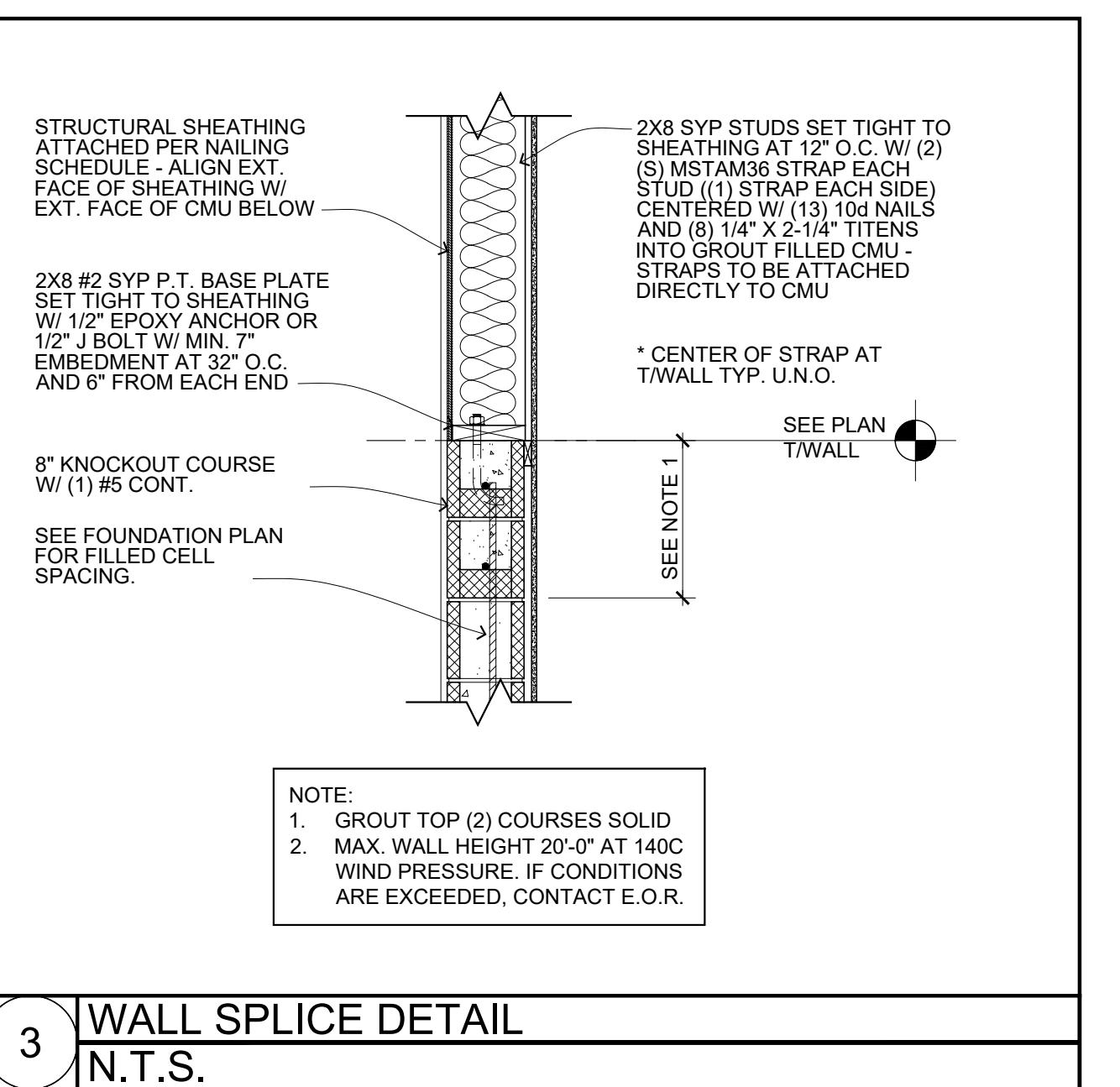
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1 STAIR SECTION
1/2" = 1'-0"



2 STAIR DETAIL
N.T.S.

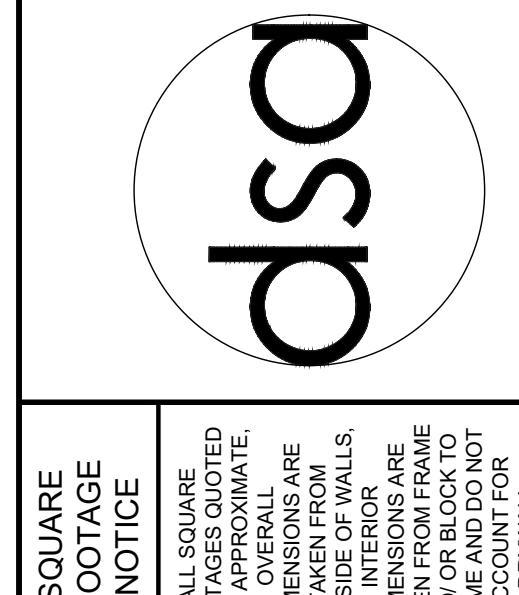


3 WALL SPLICE DETAIL
N.T.S.

INVENTORY 15188-71-1813
Lot: 13 Block: 18

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architecture



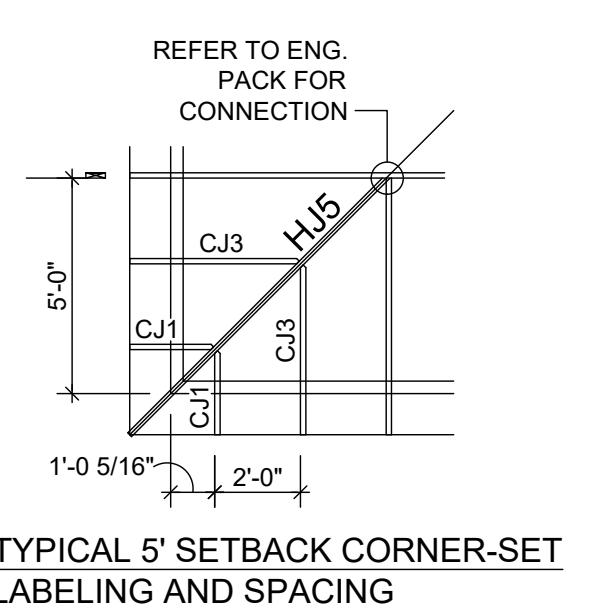
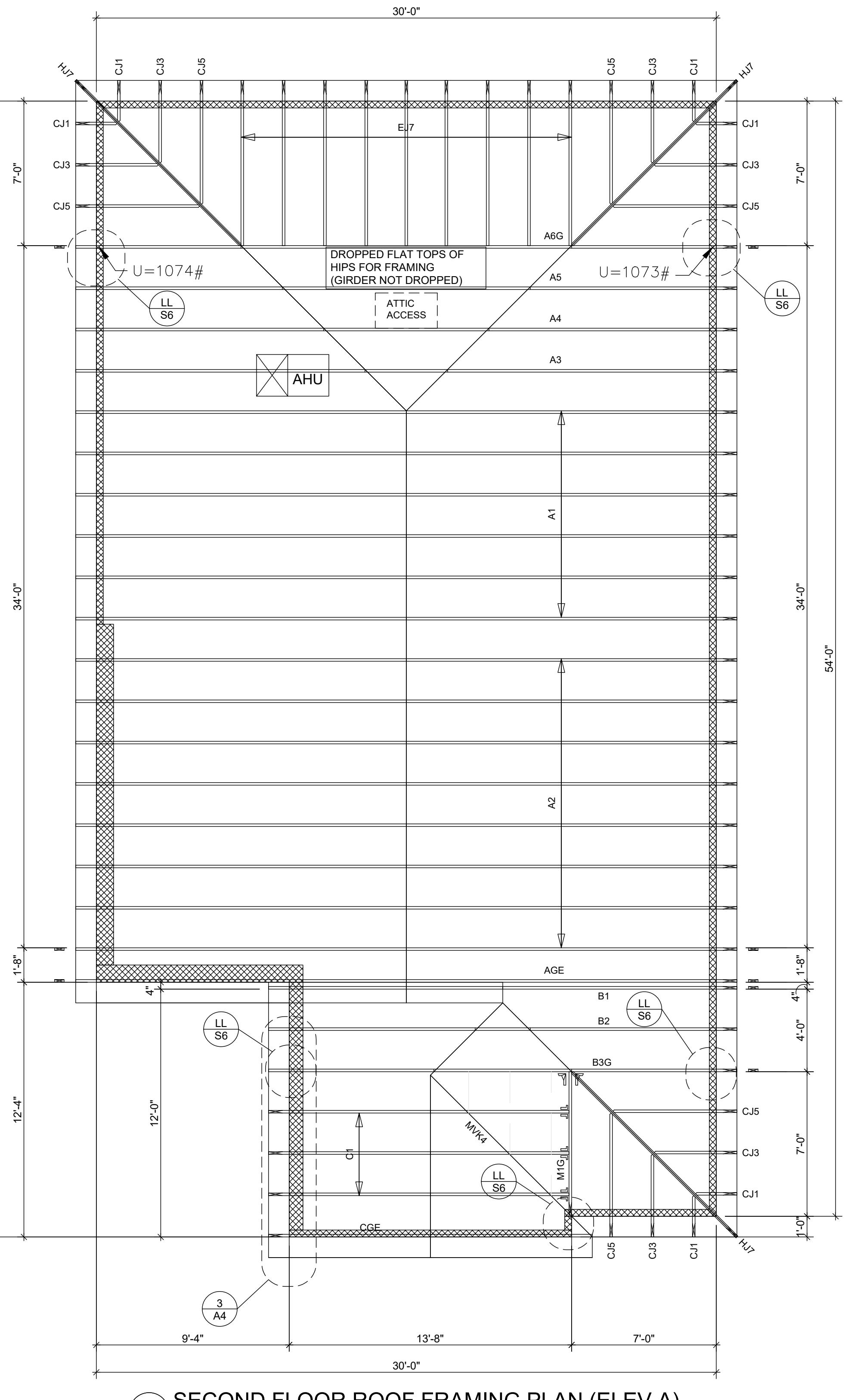
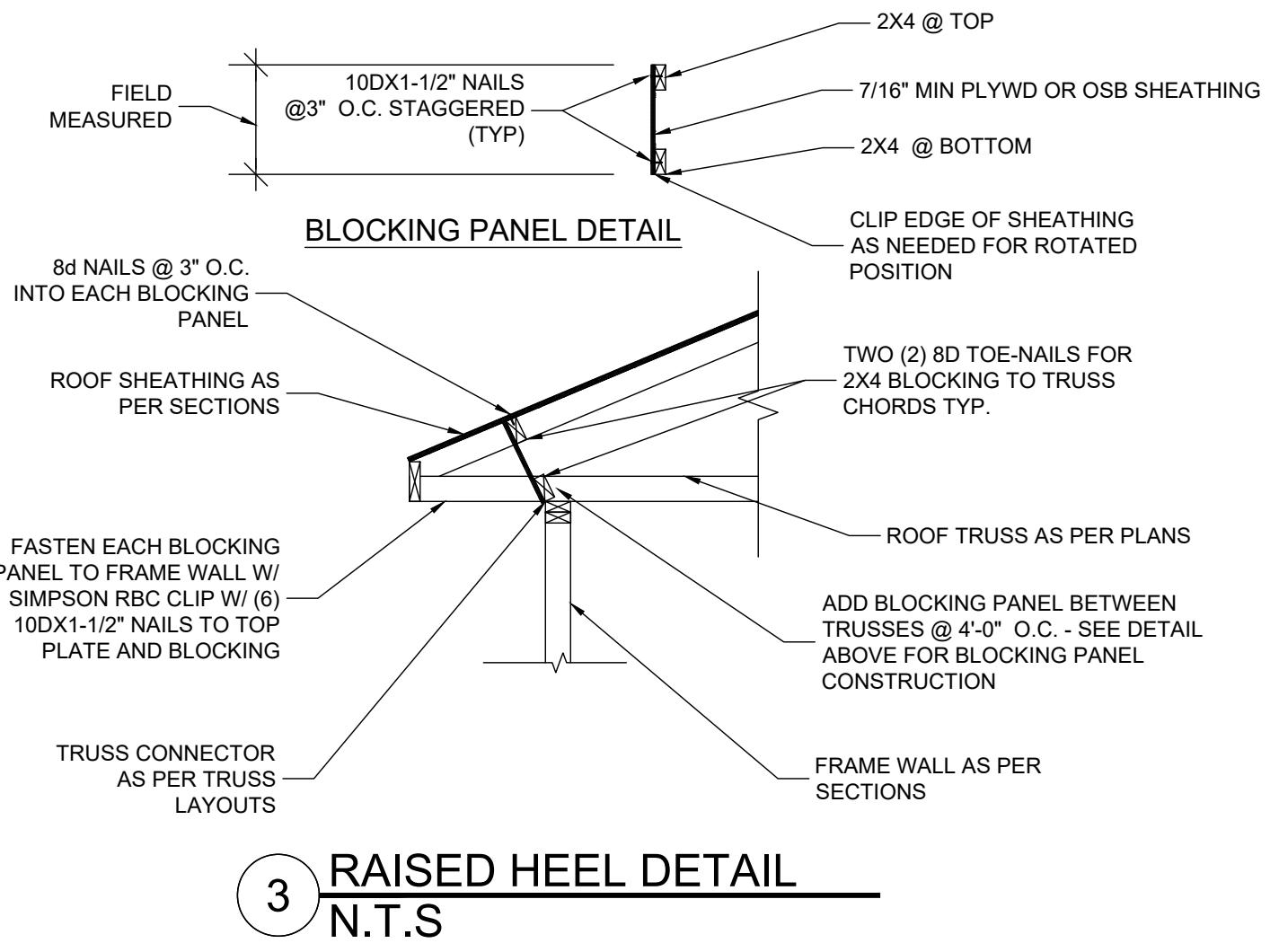
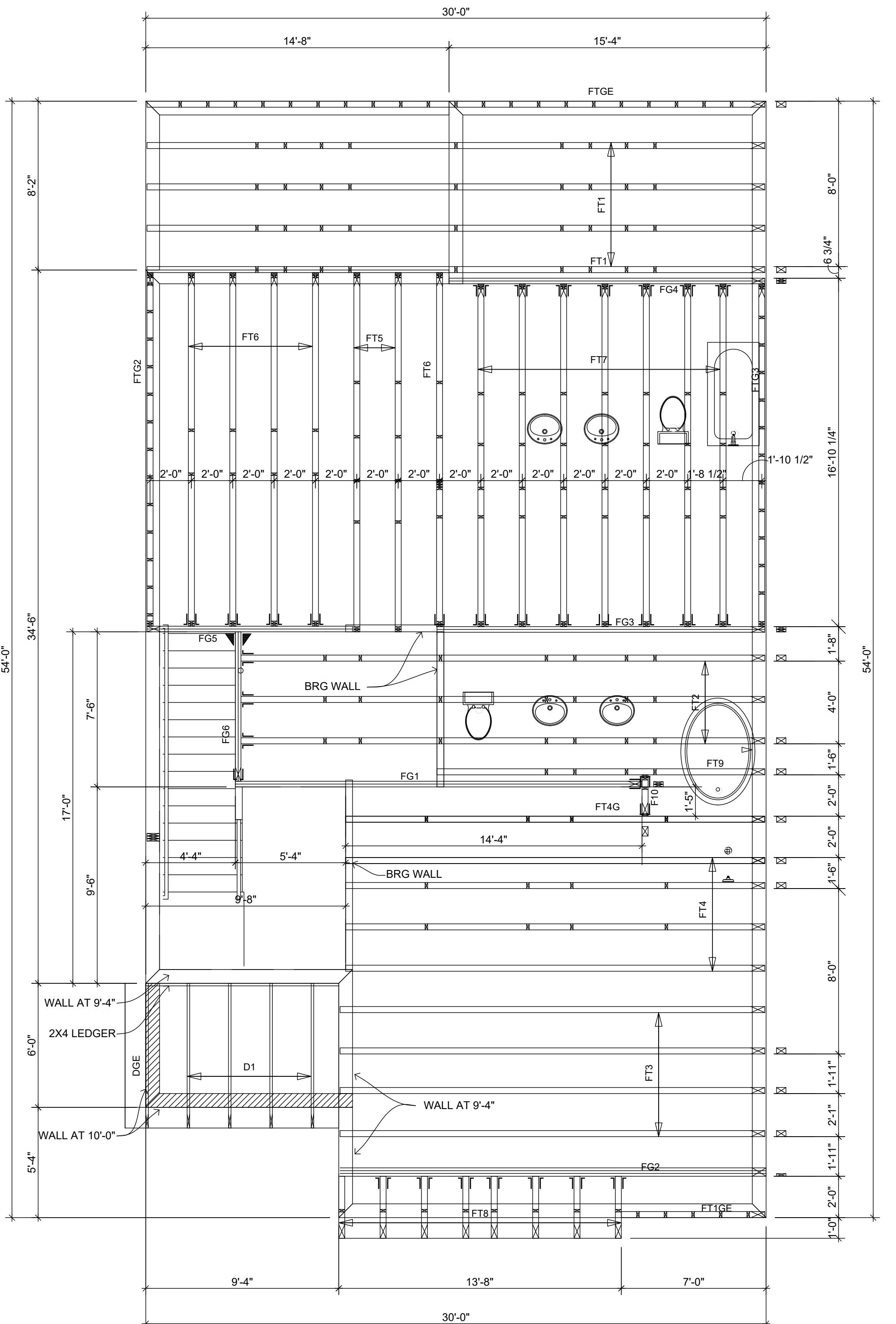
1708 E Columbus Drive
Tampa, Florida 33605
p: 813.241.6700 f: 813.241.3157
designsearcharchitecture.com
#AA003393

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4600 W CYPRESS ST, SUITE 200
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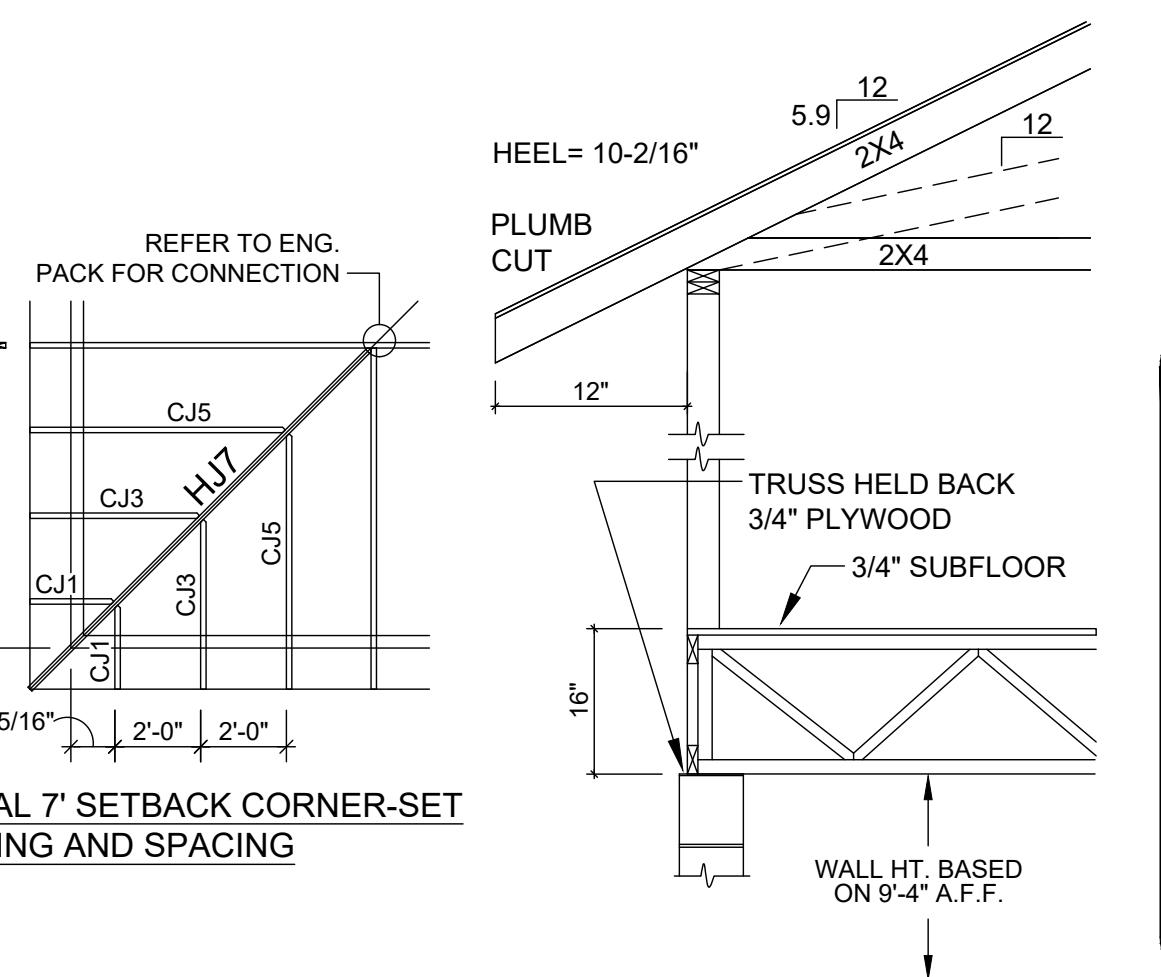
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A3
LAST PLOT DATE
Apr. 14, 22
DETAILS

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-
ANDREW J. DOHMEN, AR #15805 4/14/2022



TYPICAL 7' SETBACK CORNER-SET LABELING AND SPACING



TRUSS NOTES:

THE FLOOR AND ROOF TRUSS LAYOUT ON THESE PLANS ARE SCHEMATIC DESIGN ONLY. FINAL FLOOR AND ROOF TRUSS LAYOUTS TO BE DEVELOPED BY TRUSS MANUFACTURER. TRUSS LAYOUTS AND TRUSS SHOP DRAWINGS MUST BE REVIEWED AND APPROVED BY DESIGN STYLES, INC. AND/OR THE ENGINEER OF RECORD PRIOR TO CONSTRUCTION.

TRUSS MANUFACTURER TO VERIFY ADEQUACY OF ALL SPECIFIED I-LVL BEAMS AND MAKE ANY ADJUSTMENTS NECESSARY DUE TO FINAL TRUSS DESIGN OR CALCULATED REACTIONS. ALL MODIFICATION TO BE REPORTED TO DESIGN STYLES, INC. AND THE ENGINEER OF RECORD PRIOR TO CONSTRUCTION.

ELECTRICAL & HVAC LAYOUTS ARE BASED ON THESE FRAMING LAYOUTS. ANY DEVIATIONS ARE TO BE APPROVED BY DESIGN STYLES, INC. PRIOR TO CONSTRUCTION.

TYPICAL TRUSS CONNECTORS

1. ALL CONNECTORS ARE "SIMPSON, STRONG-TIE", U.N.O.
2. USE H20'S OR H10A'S FOR ROOF TRUSS TO FRAME CONNECTIONS.
3. ATTACH ALL FRAMING ABOVE ROOF TRUSS TO TRUSSES W/ MTS16'S.
4. USE HET20 FOR ROOF TRUSS TO MASONRY CONNECTIONS.
5. USE (2) HET20 FOR GIRDER TRUSS TO MASONRY CONNECTIONS.
6. USE (2) HTS16 OR H10A FOR GIRDERR TRUSS TO FRAME CONNECTIONS.
7. THE PREVIOUS CONNECTORS APPLY UNLESS OTHERWISE NOTED.
8. SEE FLOOR PLAN AND FOUNDATION SHEETS FOR OTHER CONNECTIONS.

DESIGN STYLES, INC. AND THE ENGINEER RESERVE THE RIGHT TO MAKE ANY CHANGES AFTER FINAL TRUSS INFORMATION IS SUPPLIED FROM TRUSS MANUFACTURER.

NOTE:
ALL VALLEY KITS MARKED "VC" OR "MVK" ARE CONVENTIONALLY FRAMED. PLEASE REFER TO ENGINEERING PACK FOR DETAILS.

NOTES:
• FLOOR TRUSS ARE CUT BACK 3/4" FROM EXTERIOR BLOCK WALLS.

• FLOOR TRUSS ARE CUT BACK 1/2" FROM FRAME WALLS.

• SEE ENGINEERING FOR FLOOR TRUSS CHASE AND STRONG BACK LOCATIONS.

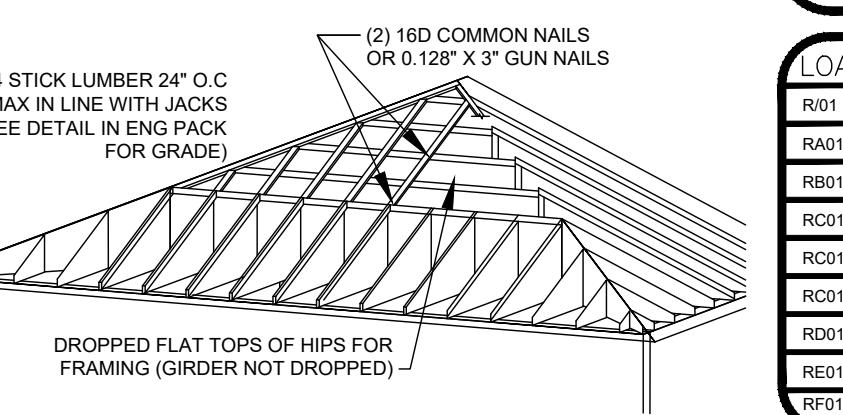
• SECOND STORY TRUSS ARE CUT BACK 3/4" FROM EXTERIOR WALLS.

NOTE:
DO NOT CUT OR ALTER TRUSS WITHOUT CONSENT OF THIS OFFICE. BACK CHARGES WILL NOT BE ACCEPTED WITHOUT PRIOR WRITTEN APPROVAL BY OUR SERVICE DEPARTMENT AT CARPENTER CONTRACTORS OF AMERICA, INC. 877-293-9487

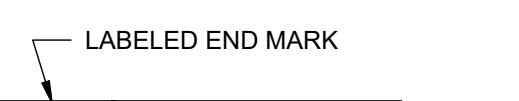
NOTE:
MULTI-PLY FLYER CONNECTION. ALL FLYERS MUST BE ATTACHED TOGETHER (BOLTS, NAILS, AND OR SCREWS) PRIOR TO INSTALLATION AND BEFORE ANY LOADS ARE APPLIED. PER THE SUPPLIED ENGINEERING SHEETS.

NOTE:
ALL BEARING WALLS MUST BE ADEQUATELY DESIGNED TO CARRY THE LOADS IMPOSED BY THE TRUSS OR TRUSSES, AND MUST BE IN PLACE AND STABILIZED BEFORE THE TRUSSES ARE SET IN ORDER TO AVOID REPAIRS.

COLUMN NOTE:
REFER TO FOUNDATION PLAN FOR COLUMN SIZES



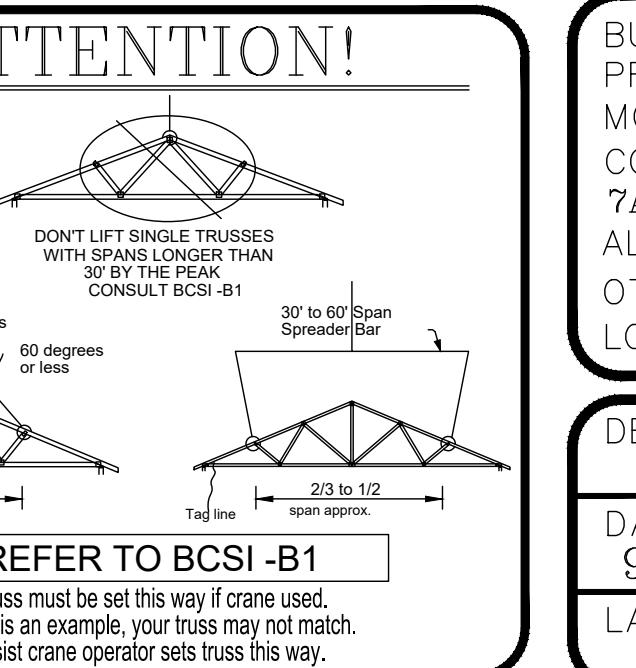
Total Truss Quantity = 121



HANGER CHART

- JL = LUS24 (SIMPSON)
- JL = HHUS46 (SIMPSON)
- ▲ = HHUS26-2 (SIMPSON)
- JL = THAC422 (SIMPSON)
- JL = THJA-26 (SIMPSON)

THIS IS A TRUSS PLACEMENT PLAN. IT'S INTENDED TO AID IN THE INSTALLATION OF TRUSSES. ENGINEERED TRUSS AND ARCHITECTURAL DRAWINGS SUPERCEDE THIS DOCUMENT.



General Notes

1. ALL PARALLEL CHORD TRUSSSES, FLAT TRUSSSES AND FLAT GIRDERS HAVE THE TOP CHORD POSITION SHOWN GREEN TO BE INSTALLED GREEN SIDE UP.
2. ALL HANGERS TO BE SIMPSON HUS26 UNLESS OTHERWISE NOTED.
3. ALL TRUSS SPACING IS 24" O.C. UNLESS OTHERWISE NOTED.
4. PER TRUSS PLATE INSTITUTE BCSI-B1 RECOMMENDATION PERMANENT X-BRACING SHOULD BE PLACED AT A MAXIMUM SPACING 15' O.C. ACROSS THE SPAN. BE REPEATED AT A MAXIMUM OF 20' BETWEEN EACH X-BRACE THROUGHOUT THE STRUCTURE.
5. PLEASE REFER TO BCSI-B1 FOR ANY ADDITIONAL BRACING DETAILS.

ROOF LOADING SCHEDULE
TCLL = 20 PSF
TCDL = * PSF
BCCL = 10 PSF
BCDL = 10 PSF
TOTAL = 37 PSF
DURATION = 1.25 %
WIND SPD / TYPE = 145

BLDG EXPOSURE = C
USAGE = RESIDENTIAL CAT II
WIND IMPORTANCE FACTOR = 1
UPLIFTS BASED ON= 9.2 PSF

DESIGN CRITERIA
FBC 2020
TPI 2014

Truss member design & connector plates are designed for ASCE 7-16 and maximum forces from both components and claddings and main wind force resisting systems.

* These trusses have been reviewed to carry an additional 10# psf non-concurrent bottom chord live load.

FLOOR LOADING SCHEDULE
TCLL = 40 PSF
TCDL = 10 PSF
BCCL = 5 PSF
BCDL = 5 PSF
TOTAL = 55 PSF

ROOF DESIGNED FOR SHINGLE

ALL REACTIONS OVER 5000# AND UPLIFTS OVER 1000# ARE SHOWN ON ENGINEERING.

WALL KEY

9'-4"	10'-0"	18'-9-1"
██████████	*****	██████████

LOAD#	DESCRIPTION	INIT.	DATE
R01	Copy from FG2 2342L N312981	AS	9/17/2015
RA01	CHANGED HANGERS TO 3-PLY	JMD	12/11/15
RB01	rev. loading on FG2	AS	12/14/2015
RG01	RELABEL ADDED MODEL 2342/LC8	RDP	03/27/17
RC01	LC9	JTH	12/12/17
RC01	CHANGED HANGERS TO SIMPSON	RDP	03/13/18
RD01	REV'D A FOR AC	LPM	10/12/18
RE01	REV'D HANGERS PER C.O.	LPM	02/26/20
RF01	ADD STRAP HANGERS	AS	4/23/20

LOAD#	DESCRIPTION	INIT.	DATE
RF01	RELABEL TO 2342A/2342J ONLY	LPM	05/12/20
RF01	RELABEL TO 2342A/2342J ONLY	LPM	05/12/20
RF01	RELABEL TO 2342A/2342J ONLY	LPM	05/12/20
RF01	RELABEL TO 2342A/2342J ONLY	LPM	05/12/20

CARPENTER CONTRACTORS OF AMERICA

3900 AVENUE G, N.W.
WINTER HAVEN FLORIDA 33880
PHONE: (800) 959-8806
FAX: (863) 294-2488

BUILDER : LENNAR TAMPA PROJECTVARIOUS
MODEL : 2343 MARYLAND CCA PROJ/MODEL/ALT
7A2 / 2342A/2342J ALT DESC
OTC :
LOT : BLOCK :

DESIGNER A.S.
PAGE 1
DATE 9/17/2015
LAN# N321756R
SCALE 1/4 "

INVENTORY 15188-71-1813
Bryant Sq 40
Lot: 13 Block: 18

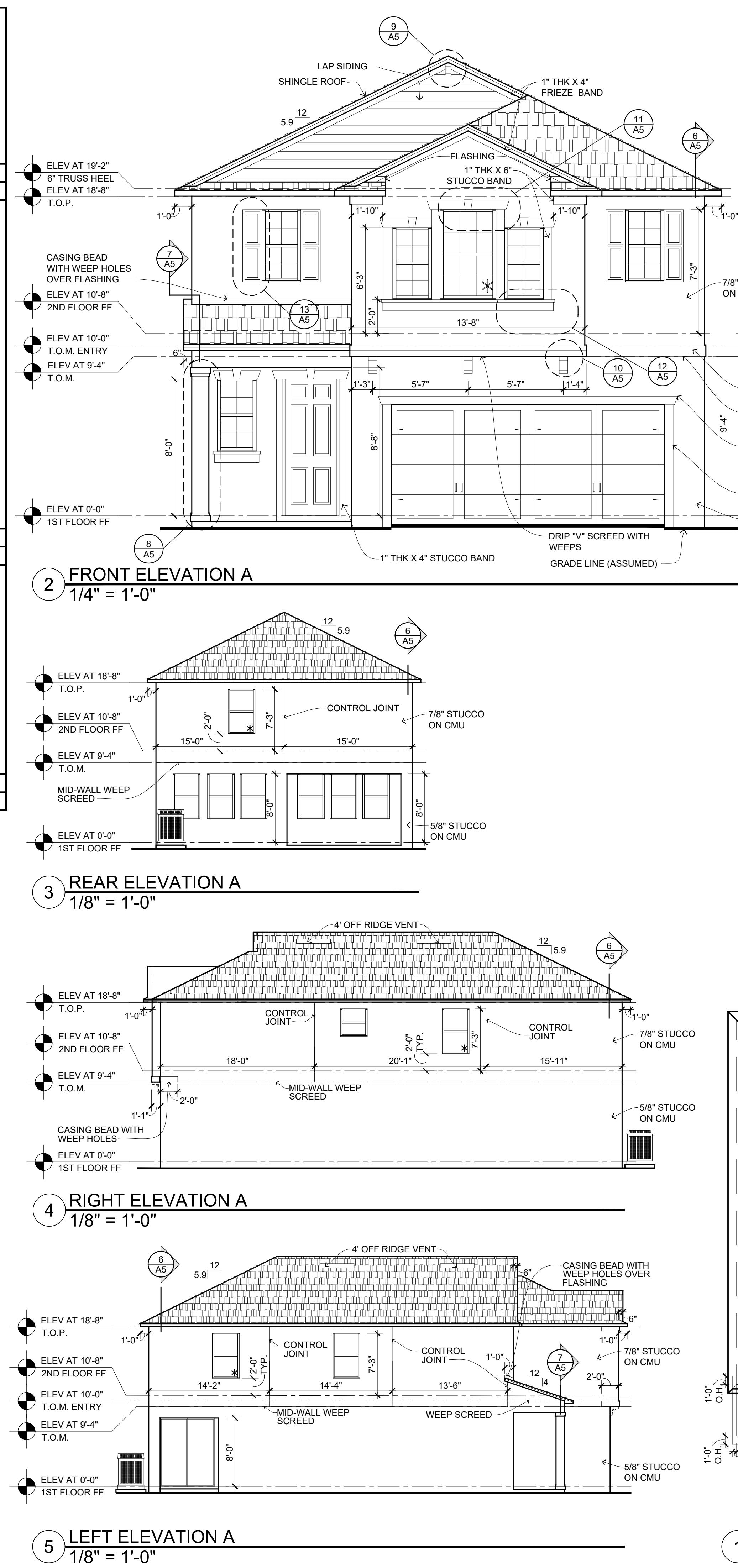
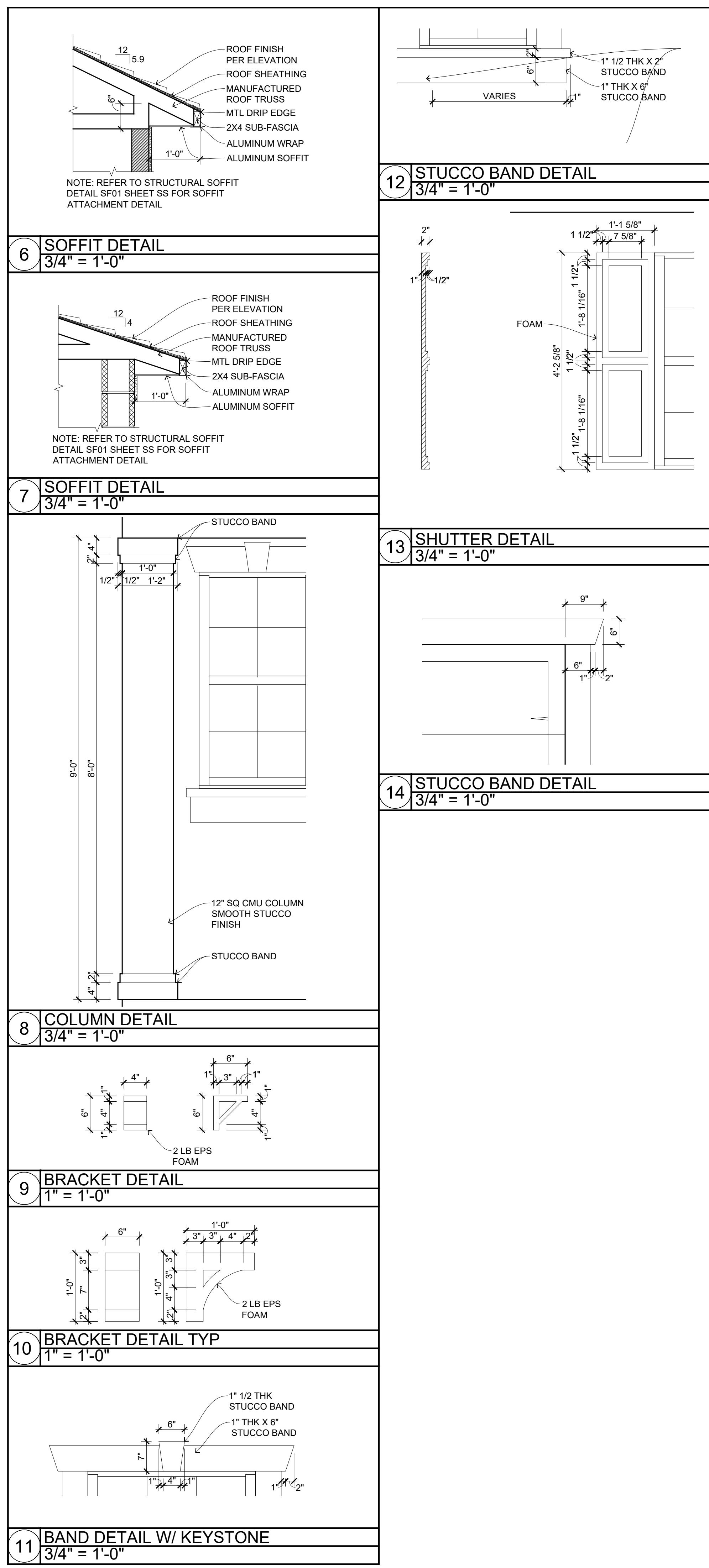
2342 - LEGACY
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A4

LAST PLOT DATE
Apr. 14, 22

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2ND FLOOR ROOF
FRAMING PLAN
(ELEV A)

ANDREW J. DOHMIN, AR #15805 4/14/2022



FLASHING NOTES:

DUE TO CLARITY NOT ALL REQUIRED FLASHING ARE INDICATED ON DRAWINGS. REFER TO FBC RES 7TH EDITION, SECTION R703.4, AND R903.2 APPROVED CORROSION-RESISTANT FLASHING SHALL BE PROVIDED AT ALL ROOFING SYSTEM INTERRUPTIONS, TERMINATIONS, INTERSECTIONS, AND OTHER POINTS WHERE WATER MAY EXPOSE THE EXTERIOR WALL ENVELOPE IN SUCH MANNER AS TO PREVENT ENTRY OF WATER INTO THE WALL CAVITY OR PENETRATION OF WATER TO THE BUILDING STRUCTURAL FRAMING COMPONENTS. THESE FLASHINGS SHALL EXTEND TO THE PERIMETER OF THE EXTERIOR WALL FINISH AND SHALL BE INSTALLED TO PREVENT WATER FROM REENTERING THE EXTERIOR WALL ENVELOPE. APPROVED CORROSION-RESISTANT FLASHING SHALL BE INSTALLED AT THE FOLLOWING LOCATIONS:

- AT TOP OF ALL EXTERIOR WINDOW AND DOOR OPENINGS IN SUCH A MANNER AS TO BE LEAD ROOF, EXCEPT AT GABLES, IN WHICH A V-FLASHING, CONTINUOUS LAP OF NOT LESS THAN 1/8 INCHES (28 MM) OVER THE SHEATHING MATERIAL AROUND THE PERIMETER OF THE OPENING, INCLUDING CORNERS, DO NOT REQUIRE FLASHING. JAMB FLASHING MAY ALSO BE OMITTED WHEN SPECIFICALLY APPROVED BY THE BUILDING OFFICIAL.
- AT THE INTERSECTION OF CHIMNEYS OR OTHER MASONRY CONSTRUCTION WITH FRAME OR STUCCO WALLS, PROJECTING LIPS ON BOTH SIDES UNDER STUCCO COPINGS.
- UNDER AND AT THE ENDS OF MASONRY, WOOD OR METAL COPINGS AND SILL.
- CONTINUOUSLY ABOVE ALL PROJECTING WOOD TRIM.
- WHERE EXTERIOR PORCHES, DECKS OR STAIRS ATTACH TO A WALL OR FLOOR ASSEMBLY OF WOOD-FRAMED CONSTRUCTION.
- WALL AND ROOF INTERSECTIONS.
- AT BUILT-IN GUTTERS.
- WHENEVER THERE IS A CHANGE IN ROOF SLOPE OR DIRECTION.
- AT CRICKET OR SADDLE.
- AROUND ROOF OPENINGS.

GENERAL FLASHING NOTES:

INSTALL FLASHING IN ACCORDANCE WITH FBC RES 7TH EDITION (2020), SECTION R703.4 AND IN ACCORDANCE WITH STANDARD APPLICATIONS ILLUSTRATED IN THE ARCHITECTURAL SHEET METAL MANUAL (LATEST EDITION) AS PUBLISHED BY THE SHEET METAL AND AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATION, INC.

WINDOW NOTE:

ALL NEW WINDOWS MUST MEET A MINIMUM U-VALUE OF 0.4 OR LESS AND A SHGC OF 0.25 OR LESS. UTILIZING THE PRESCRIPTIVE METHOD FOR EXISTING STRUCTURES)

EGRESS NOTE:

EACH BEDROOM MUST HAVE ONE WINDOW THAT COMPLIES WITH EGRESS CODES. IF THERE IS NO ACCESS TO EXTERIOR THROUGH A DOOR, THE WINDOW MUST HAVE A MAXIMUM SILL HEIGHT OF 44" ABOVE FINISH FLOOR LINE OF THAT PARTICULAR ROOM

SHINGLE / UNDERLAYMENT NOTE:

ASPHALT SHINGLES ARE IN ACCORDANCE WITH TABLE R905.2.6.1, FBC 7TH EDITION (2020) - RESIDENTIAL
SHINGLE UNDERLAYMENT SHALL COMPLY WITH SECTION 905.1.1, FBC 7TH EDITION (2020) - RESIDENTIAL

GENERAL FINISH NOTES:

APPLICATION OF STUCCO (EXTERIOR PLASTER) MUST BE IN ACCORDANCE WITH FBC R703.7, ASTM C926 AND C1063
ALL LATHE AND LATH ATTACHMENTS TO BE OUT OF CORROSION-RESISTANT MATERIAL (REFER TO SHEET SN1 FOR THE ENGINEERED METHOD FOR LATH ATTACHMENT)

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1708 E Columbus Drive
Tampa, Florida 33605
p.813.249.3157
design.styles@architectschoice.com
#A003393,

LENNAR
LENNA TAMPA DIVISION
4600 W CYPRESS ST, SUITE 200
TAMPA, FL 33607
813.574.5700

SQUARE FOOTAGE	NOTICE
ALL GROSS FOOTAGES QUOTED ARE APPROXIMATE. OVERALL DIMENSIONS ARE OUTSIDE OF INTERFACIALS. DIMENSIONS ARE TAKEN FROM FRAME OR BLOCK TO FRAME OR BLOCK. DRYWALL OR INSULATION APPLICATION	

INVENTORY
Lot: 13 Block: 18
PLAN NAME: A5
Version: 1.0 12/07/15
2.0 12/16/15
3.0 10/12/20
4.0 02/12/21

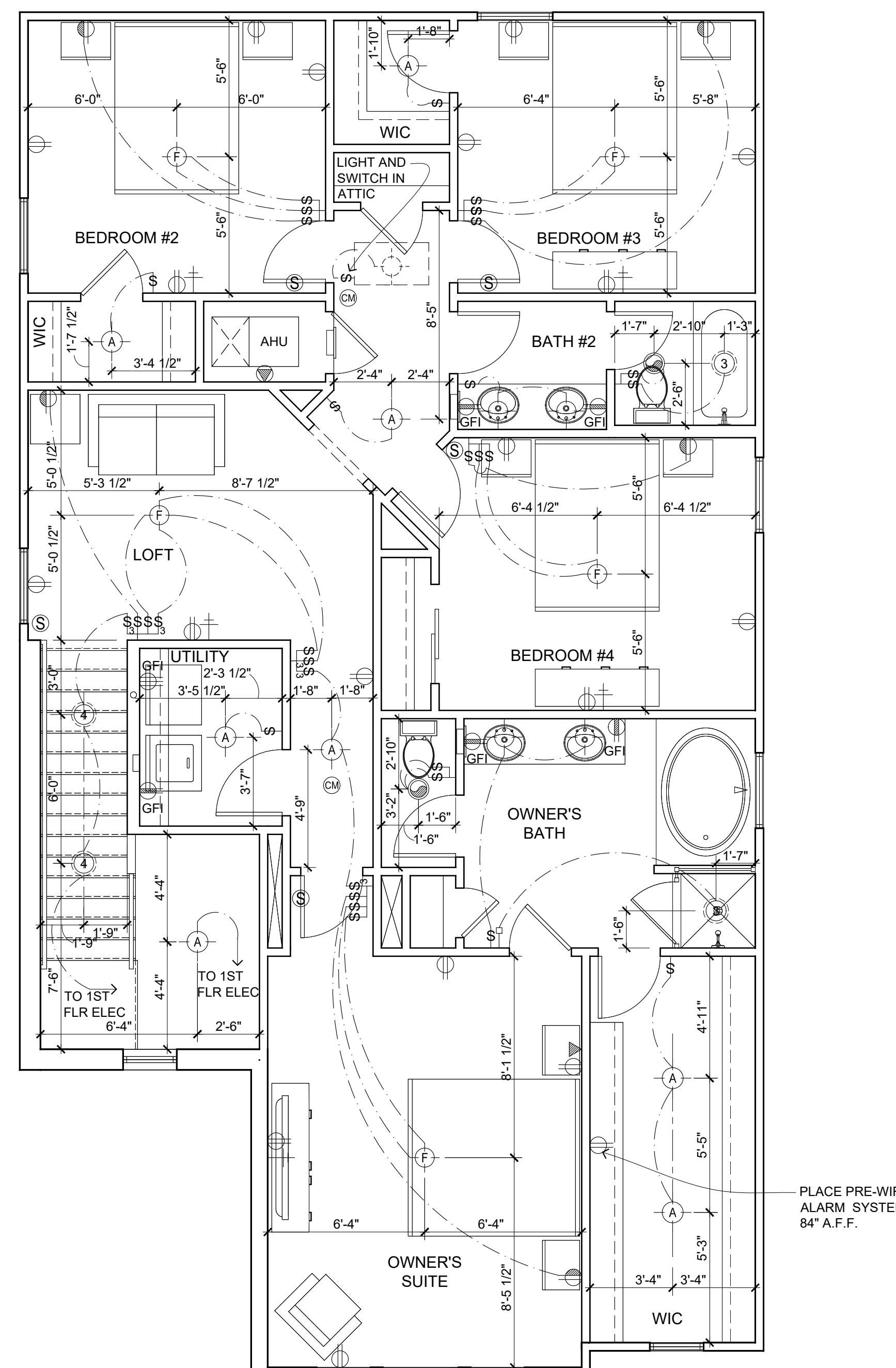
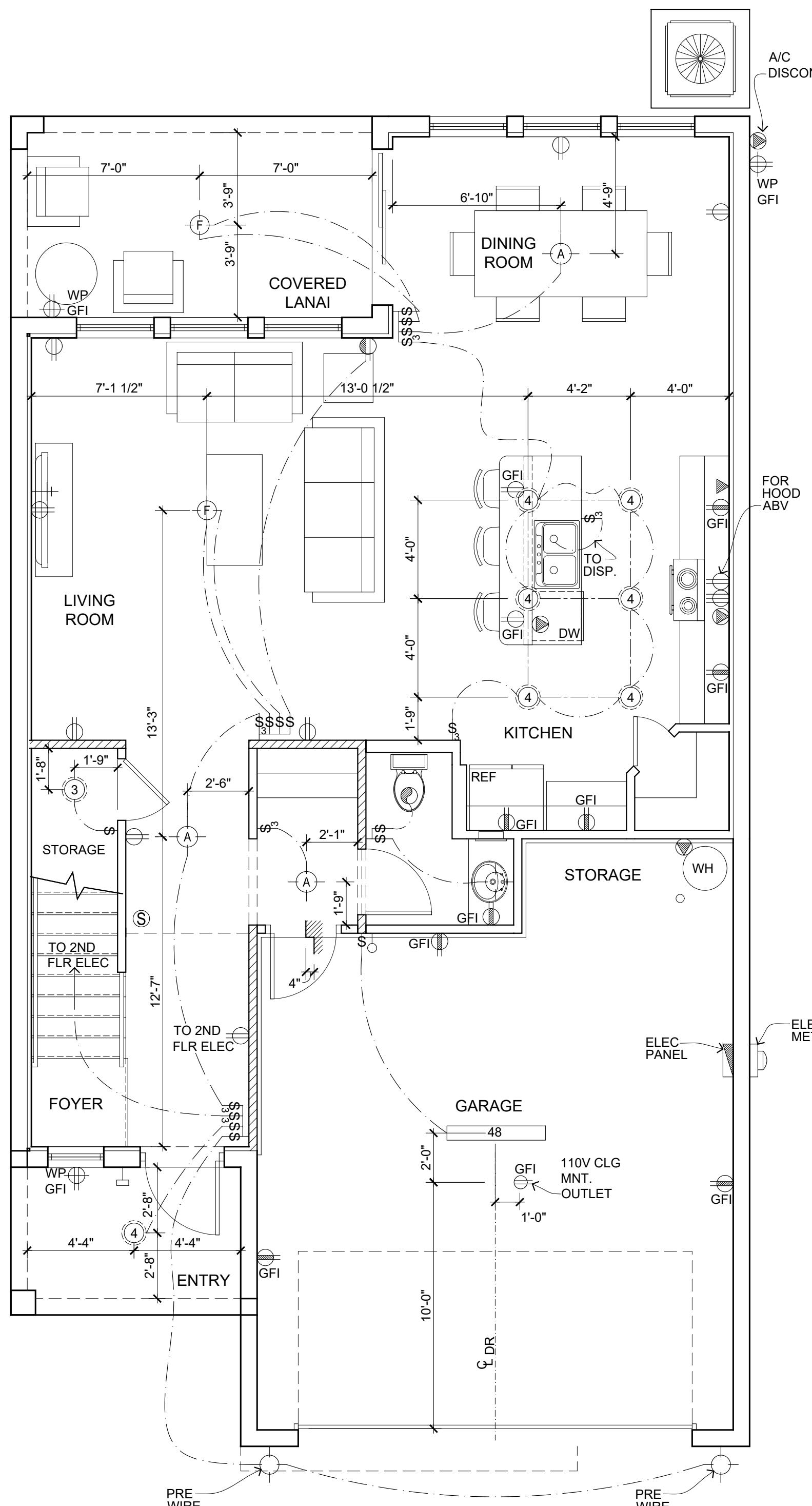
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ATTIC VENTILATION
ATTIC VENTILATION TO BE IN COMPLIANCE WITH THE FLORIDA BUILDING CODE 7TH EDITION (2020) RESIDENTIAL R806. THE MINIMUM NET FREE VENTILATING AREA SHALL BE 1/150 OF THE ATTIC GROSS AREA. THE VENTILATING AREA SHALL BE REDUCED TO 1/300 PROVIDED THAT AT LEAST 40% BUT NO MORE THAN 50% OF THE REQUIRED VENTILATION IS PROVIDED IN THE UPDRAFT. THE VENTILATORS SHALL BE LOCATED NO MORE THAN 3 FEET (MEASURE VERTICALLY) BELOW THE RIDGE OR HIGHEST POINT OF THE SPACE. VENTILATION PROVIDED AT RIDGE = 360 SQ IN
VENTILATION PROVIDED AT SOFFIT = 1190 SQ IN

ROOF VENT CALCULATIONS:
NOTE: VERIFY WITH GENERAL CONTRACTOR ALL ROOF VENT LOCATIONS, QUANTITIES, AND SIZES. ROOF VENTS SHALL BE INSTALLED FOR A MIN. OF VENTED AREA AS LISTED BELOW OR EQUIVALENT SYSTEM PER FBC 7TH EDITION (2020) SECTION R806
FORMULA = S.F. / 300 (1/300) * 144 (TO CONVERT TO SQ. INCHES) = NET SQ. INCH REQUIREMENT
ATTIC AREA = 1528 SQ FT
VENTILATION REQUIRED = 733 SQ IN
VENTILATION PROVIDED AT RIDGE = 360 SQ IN
VENTILATION PROVIDED AT SOFFIT = 1190 SQ IN

GENERAL NOTES:
* G.C. VERIFY ROOF PITCH
ROOF PITCH VARIES PER SUBDIVISIONS (5/12 PR 5.9/12)
IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ROOF SLOPE REQUIREMENTS WITH TRUSS MANUFACTURER.
ROOF CRITERIA
- 12" OVERHANG U.N.O.
- PLUMB CUT FASCIA
- ROOF PITCH PER ELEVATION
- WINDLOAD CALC. PER ASCE 7-98 (VARIES BY LOCATION)
- SHINGLE LOADING

EXTerior ELEVATIONS & ROOF PLAN (ELEV A)



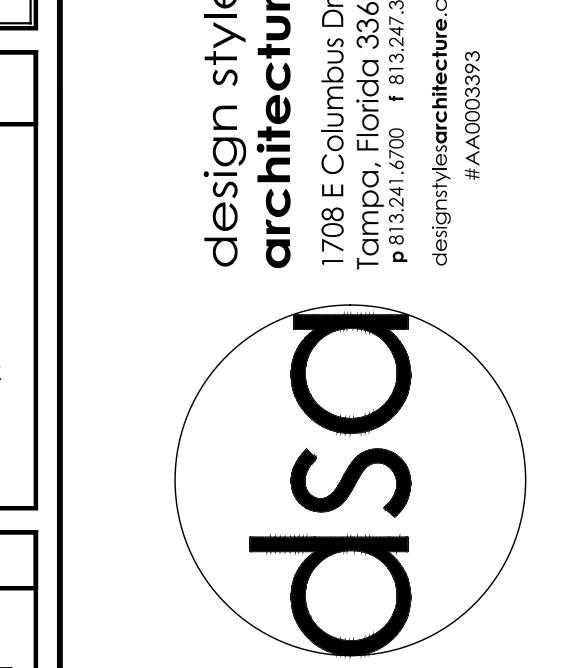
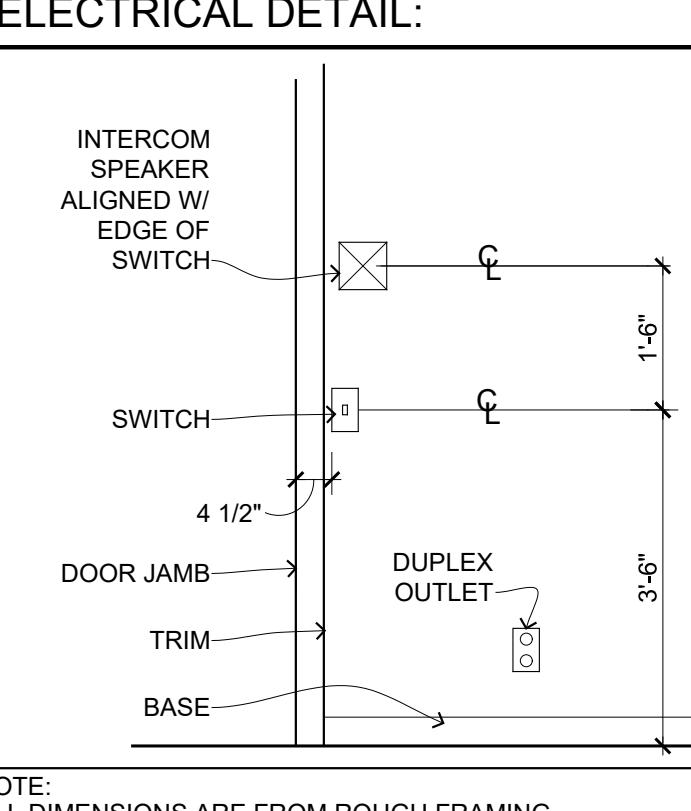
ELECTRICAL NOTES:

- GFCIS ARE TO BE INSTALLED IN THE FOLLOWING LOCATIONS AS SPECIFIED PER NFPA 70 (NEC)
 - A) BATHROOMS
 - B) GARAGES, AND ALSO ACCESSORY BUILDINGS THAT HAVE A FLOOR LOCATED AT OR BELOW GRADE LEVEL NOT INTENDED AS HABITABLE ROOMS AND LIMITED TO STORAGE AREAS, WORK AREAS, AND AREAS OF SIMILAR USE.
 - C) CRAWL SPACES AT OR BELOW GRADE.
 - D) KITCHENS - WHERE THE RECEPTACLES ARE INSTALLED TO SERVE THE COUNTERTOP SURFACES.
 - E) LAUNDRY, UTILITY, AND WET BAR SINKS - WHERE THE RECEPTACLES ARE INSTALLED WITHIN 6 FEET OF THE OUTSIDE EDGE OF THE SINK.
- ARCH FAULT OUTLETS ARE REQUIRED PER NFPA 70 (NEC) 2017, INCLUDING ARTICLES 210 AND 400.
- ANY CONFLICTS BETWEEN LOCATION OF MECHANICAL FIXTURES ON PLANS AND THE ABILITY TO LOCATE THEM IN THE FIELD MUST BE REPORTED TO THE ARCHITECT PRIOR TO INSTALLATION.
- RECEPTACLE OUTLETS IN GARAGE MUST BE SERVED BY SEPARATE BRANCH CIRCUIT THAT DOES NOT SUPPLY OTHER OUTLETS.
- CM MUST BE AT LEAST 3' FROM BATH DOOR AND AT LEAST 6' FROM KITCHEN RANGE/OVEN.

NOTES:

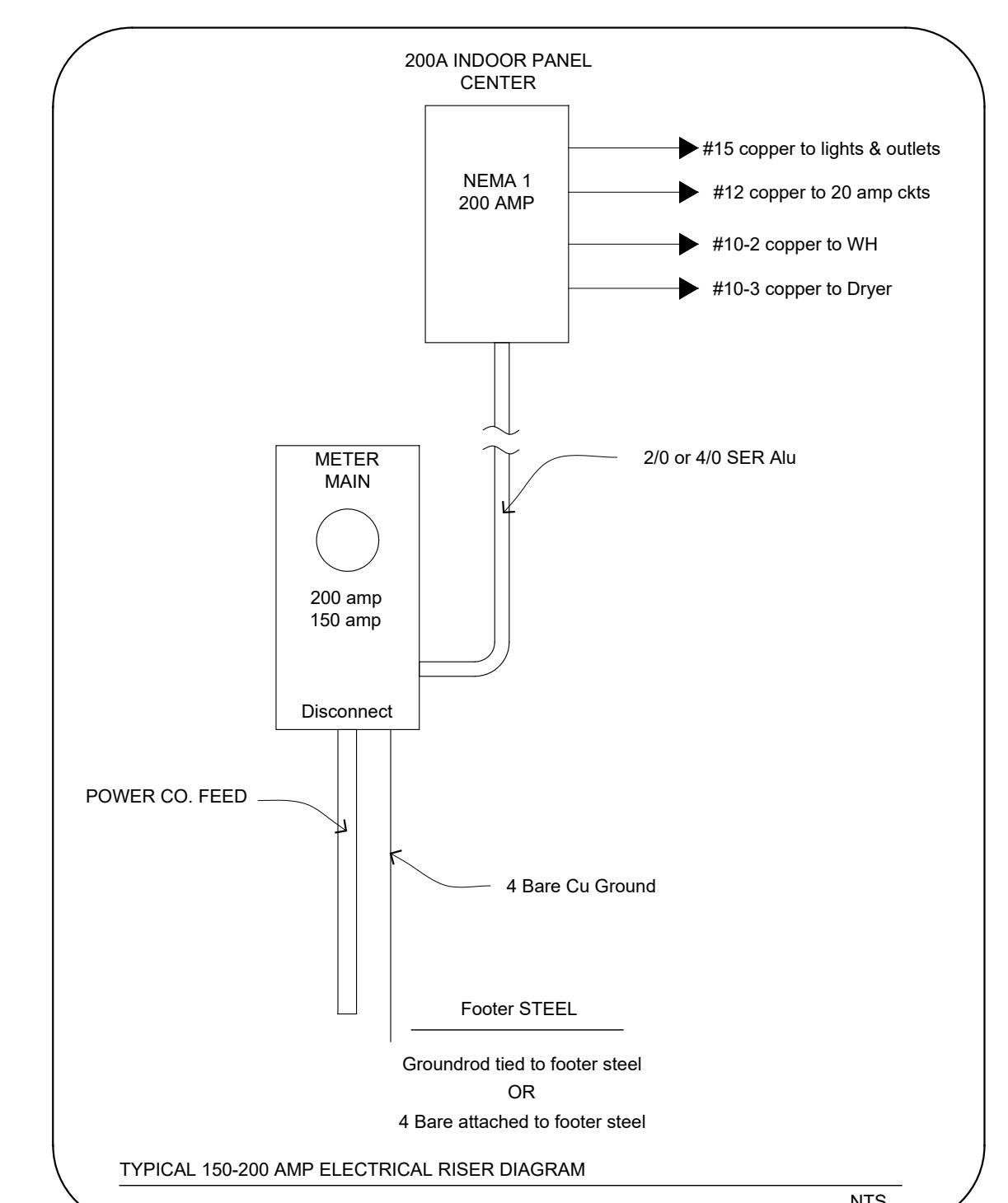
- UNLESS OTHERWISE NOTED
- ELECTRICAL OUTLET HEIGHTS AS MEASURED FROM FINISHED FLOOR TO CENTERLINE OF THE BOX TO BE: 12" AFF (GENERAL)
 - KITCHEN 44" AFF
BATHROOM 39" AFF
LAUNDRY ROOM 36" AFF
EXTERIOR WATERPROOF 12" AFF
GARAGE GENERAL PURPOSE 42" AFF
RANGE 2" AFF
 - ALL TRIM PLATES & DEVICES TO BE GANGED, WHERE POSSIBLE.
 - ELECTRICAL SWITCHES TO BE AT 42" CENTERLINE ABOVE FINISHED FLOOR
 - ELECTRICAL PLAN IS INTENDED FOR BID PURPOSES ONLY. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE NATIONAL ELECTRIC CODE, LATEST EDITION, BY A LICENSED ELECTRICAL CONTRACTOR WHO SHALL BE RESPONSIBLE FOR THE INSTALLATION & SIZING OF ALL ELECTRICAL, WIRING & ACCESSORIES.
 - SMOKE DETECTORS SHALL BE INSTALLED AS DIRECTED BY THE 2016 NFPA 72 NATIONAL FIRE ALARM CODE.
 - ALL ELECTRICAL IN THE LIVING ROOMS, DINING ROOMS, SUNROOMS, FAMILY ROOMS, DENS, LIBRARIES, SLEEPING ROOMS, PARLORS AND SIMILAR ROOMS OR AREAS SHALL BE ON AN A.F.C.I. PROTECT CIRCUIT PER NFPA 70 (NEC) 2017.
 - IN ALL AREA SPECIFIED IN NFPA 70 (NEC) 2017 210.52, ALL 125 VOLT, 15 AND 20 AMP RECEPTACLES SHALL BE LISTED TAMPER-RESISTANT RECEPTACLES.

ELECTRICAL DETAIL:

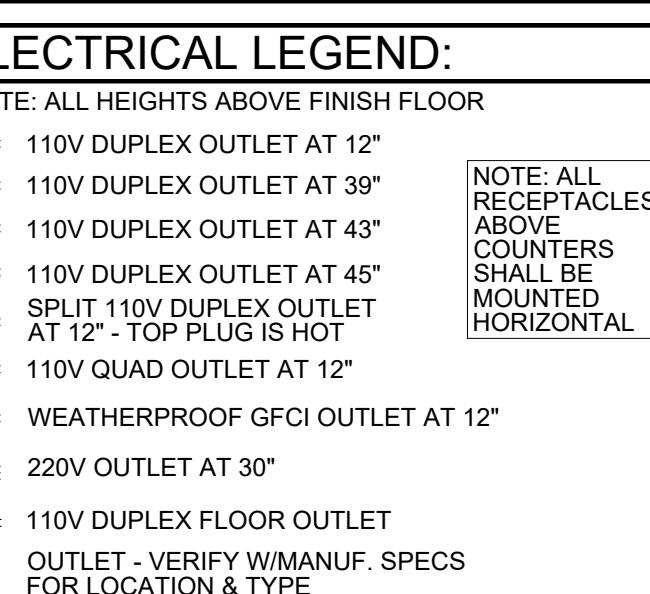
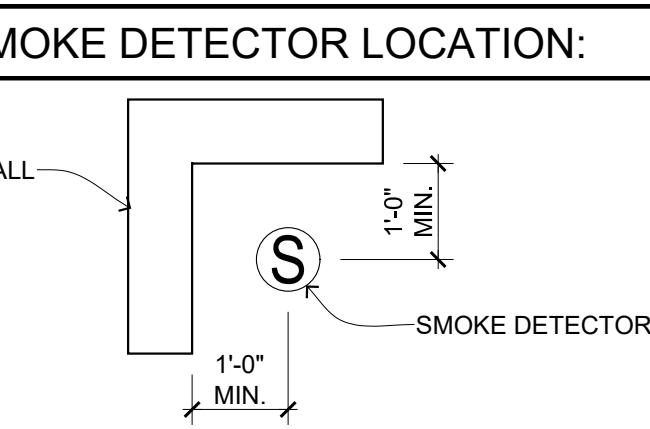


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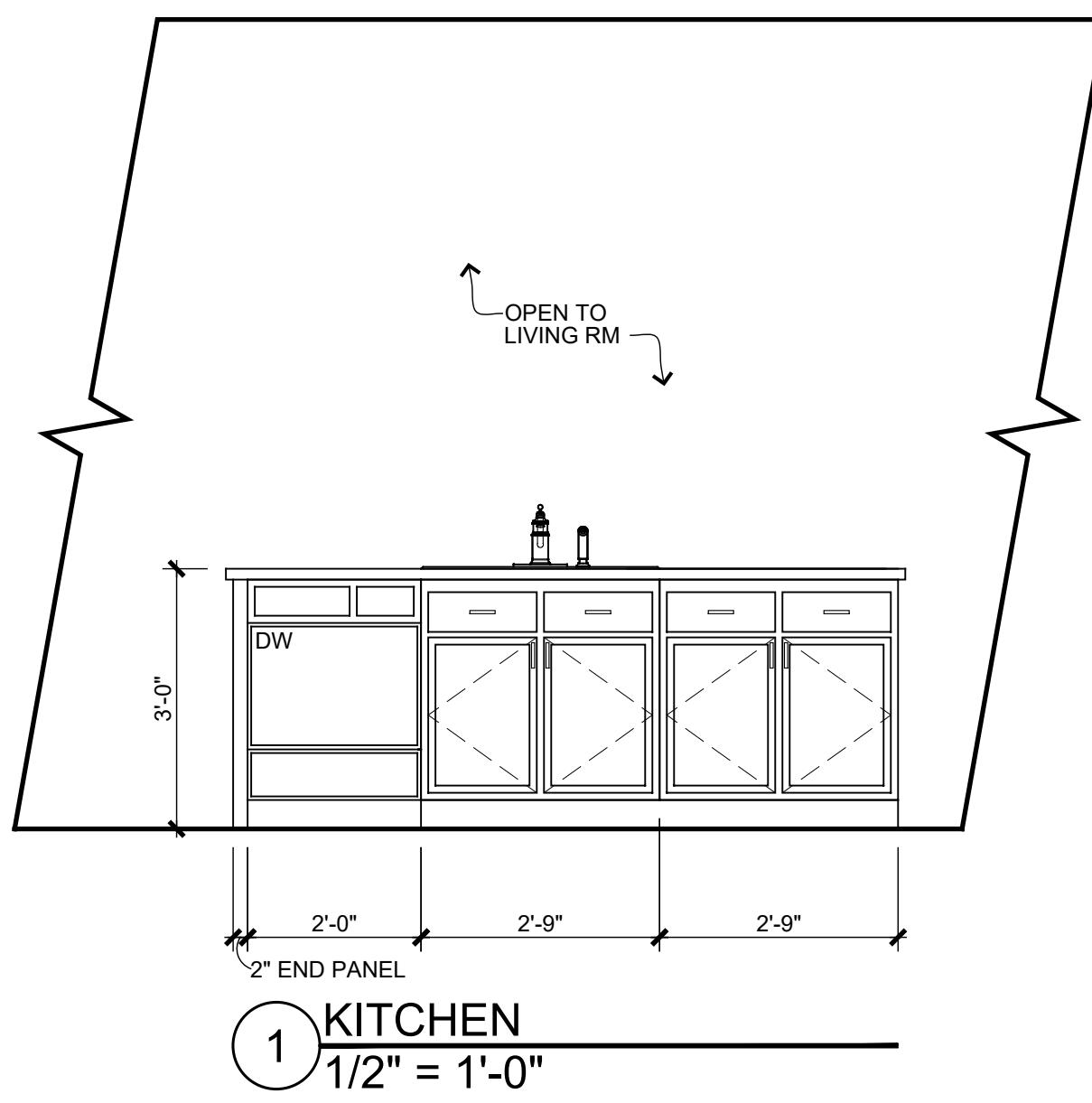
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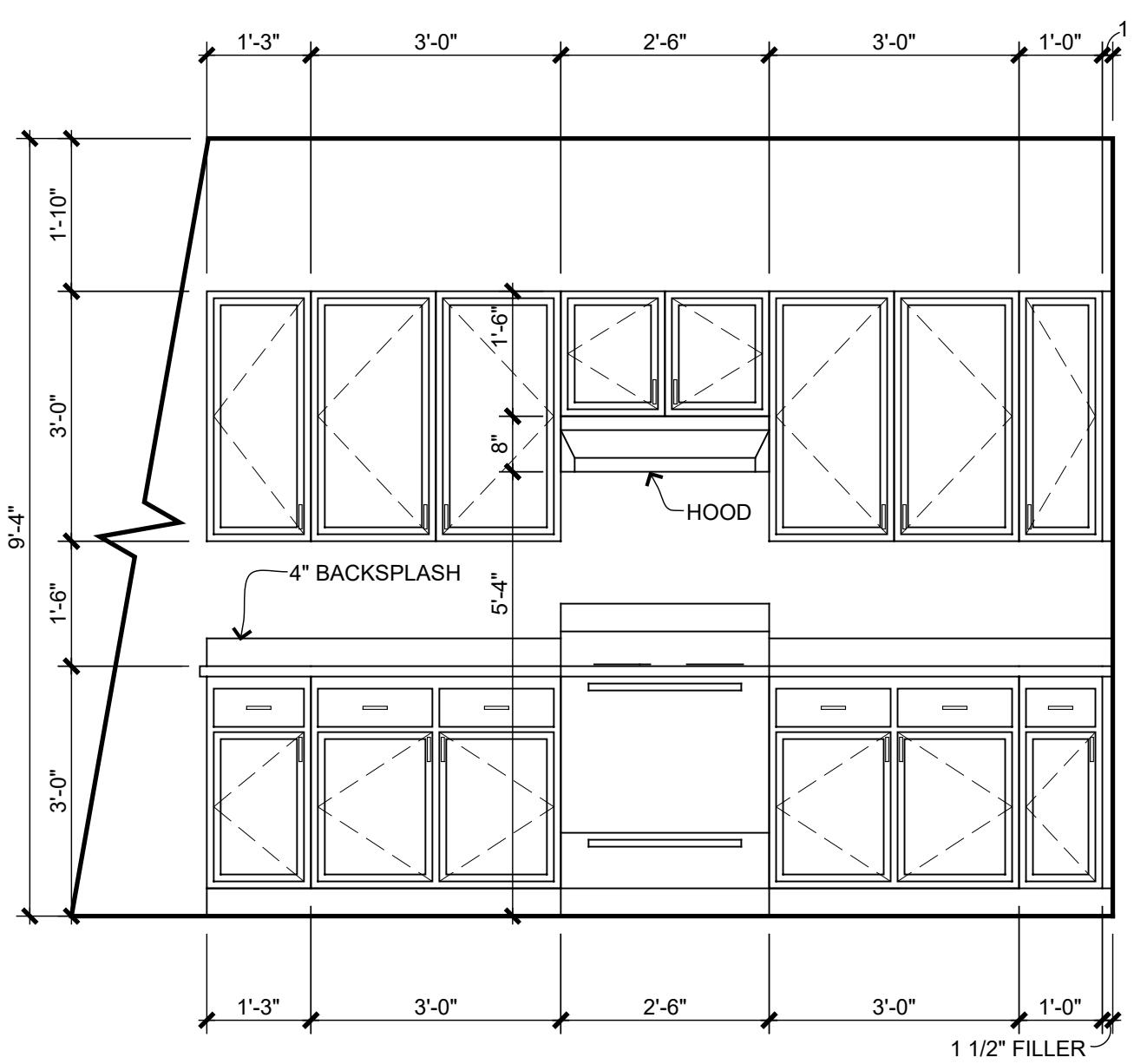
ELECTRICAL SPECIFICATION NOTES:
ELECTRICAL CONTRACTOR MUST VERIFY WITH THE SPECIFICATIONS FOR THE TYPE OF FIXTURE TO BE USED. LIGHT FIXTURES SHOWN ARE FOR LOCATION PURPOSES.



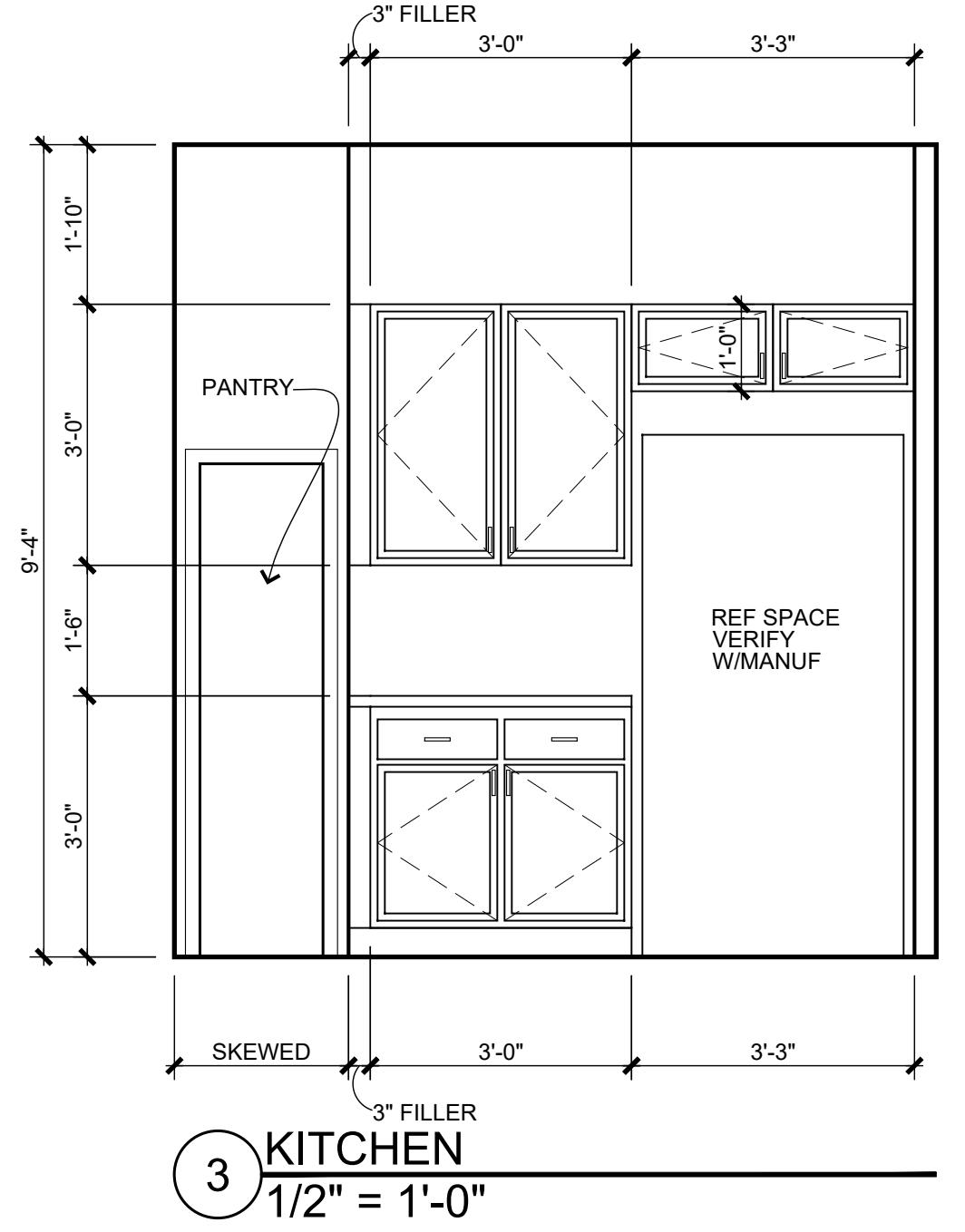
PLAN NAME	Version:
2342 - LEGACY	1.0 12/07/15
	2.0 12/16/15
	3.0 10/12/20
	4.0 02/12/21
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A6	
LAST PLOT DATE	Apr. 14, 22
1ST & 2ND FLOOR	
ELECTRICAL PLAN	



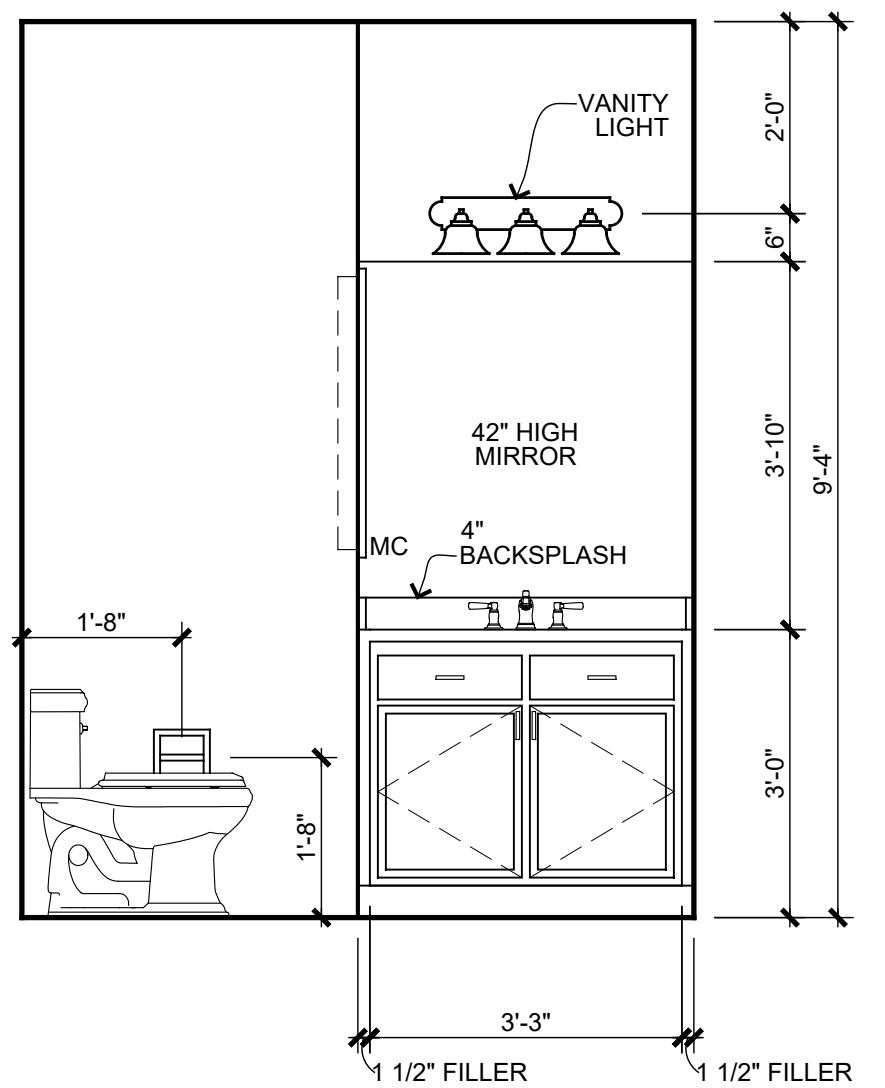
2 END PANEL
1 KITCHEN
 $1\frac{1}{2}$ " = 1'-0"



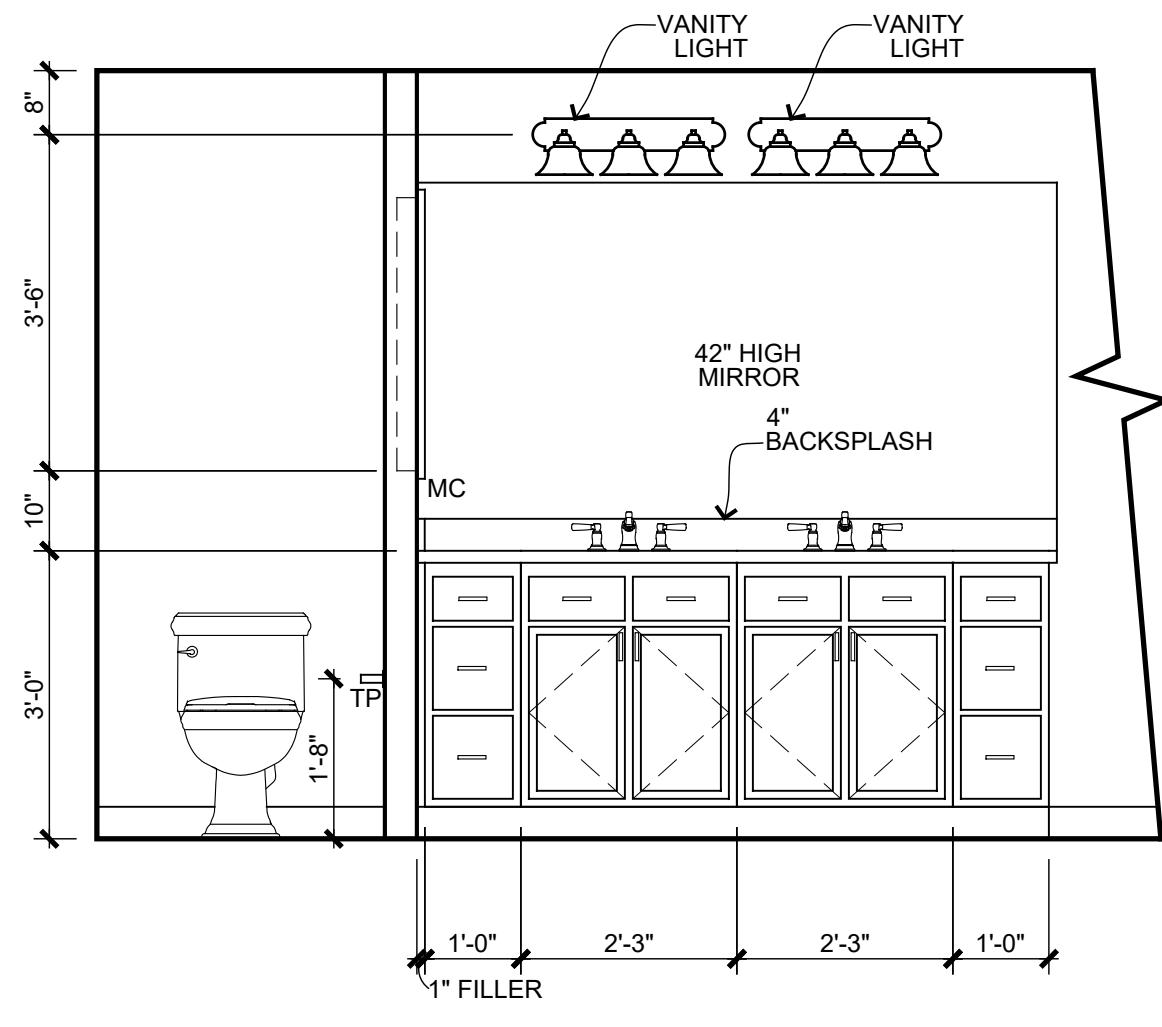
KITCHEN
1/2" = 1'-0"



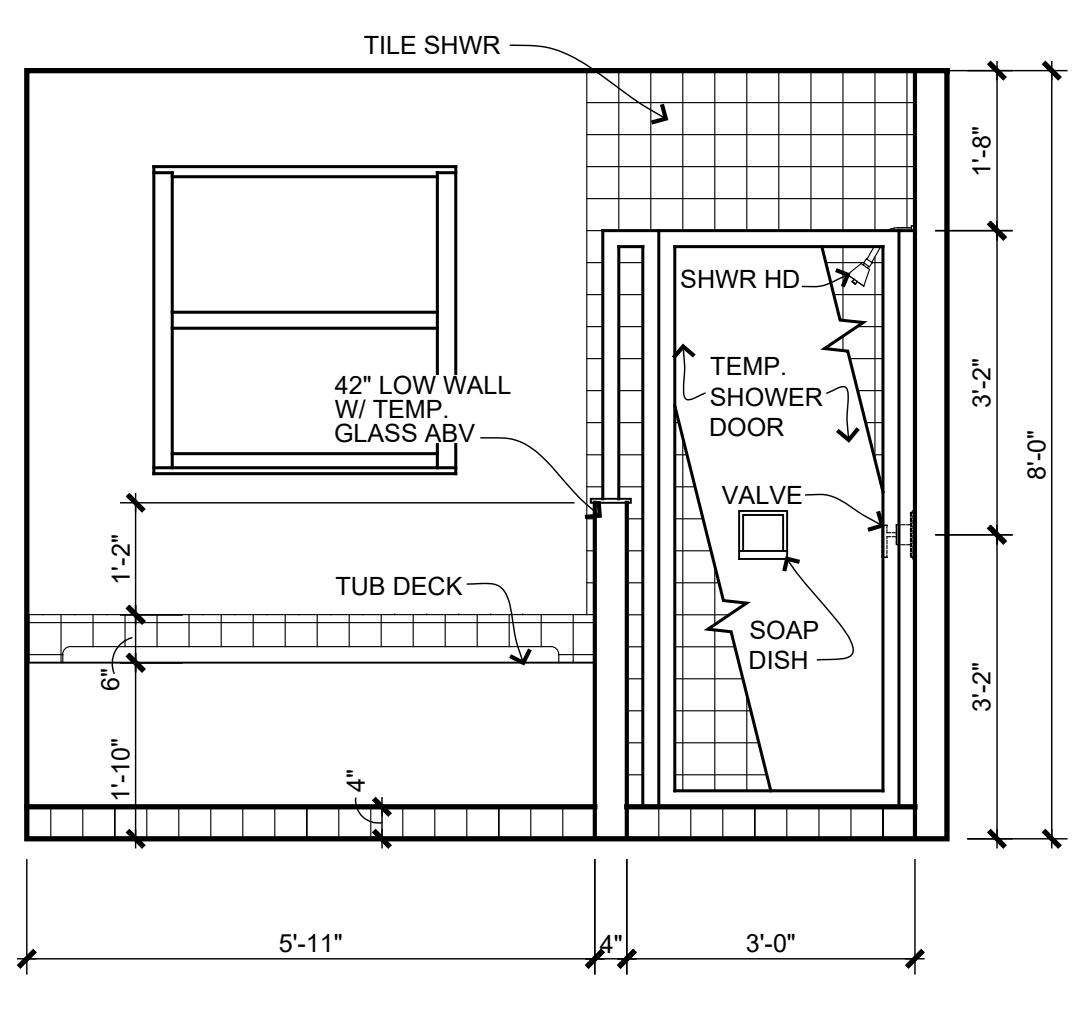
3" FILLER
KITCHEN
 $1\frac{1}{2}'' = 1'-0''$



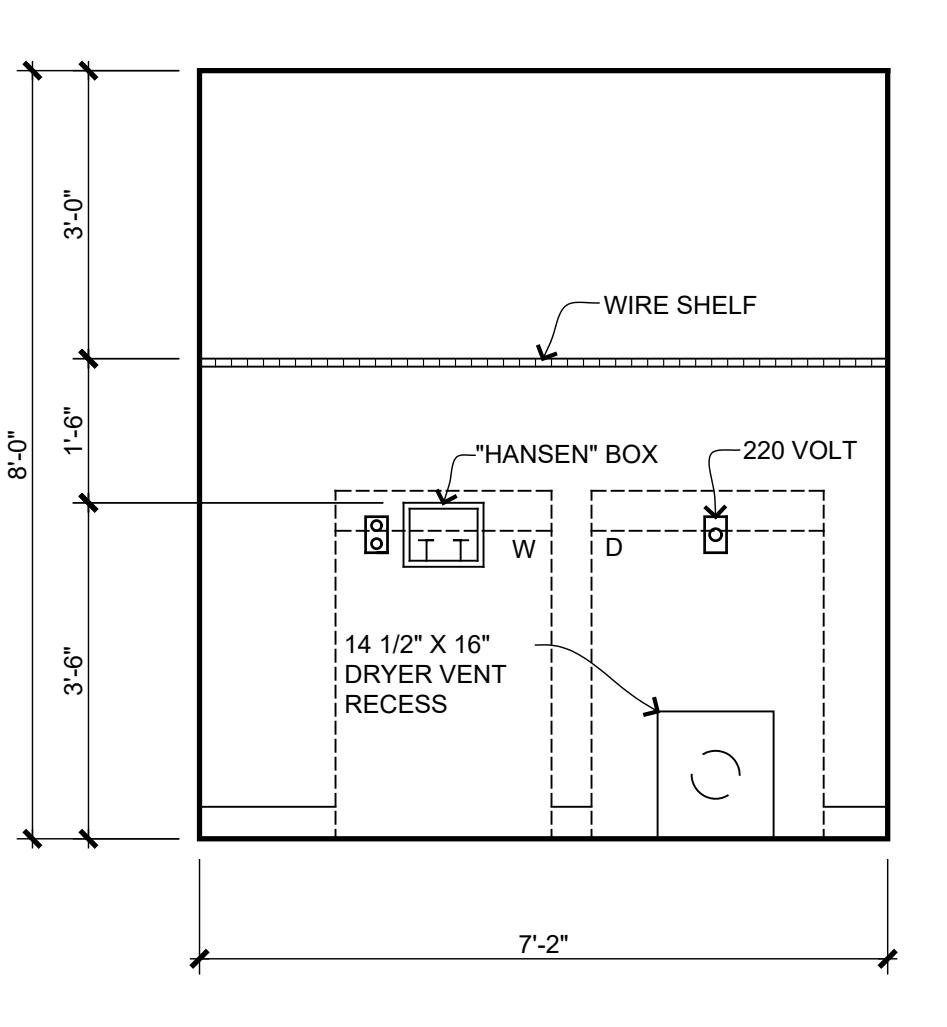
1 1/2" FILE



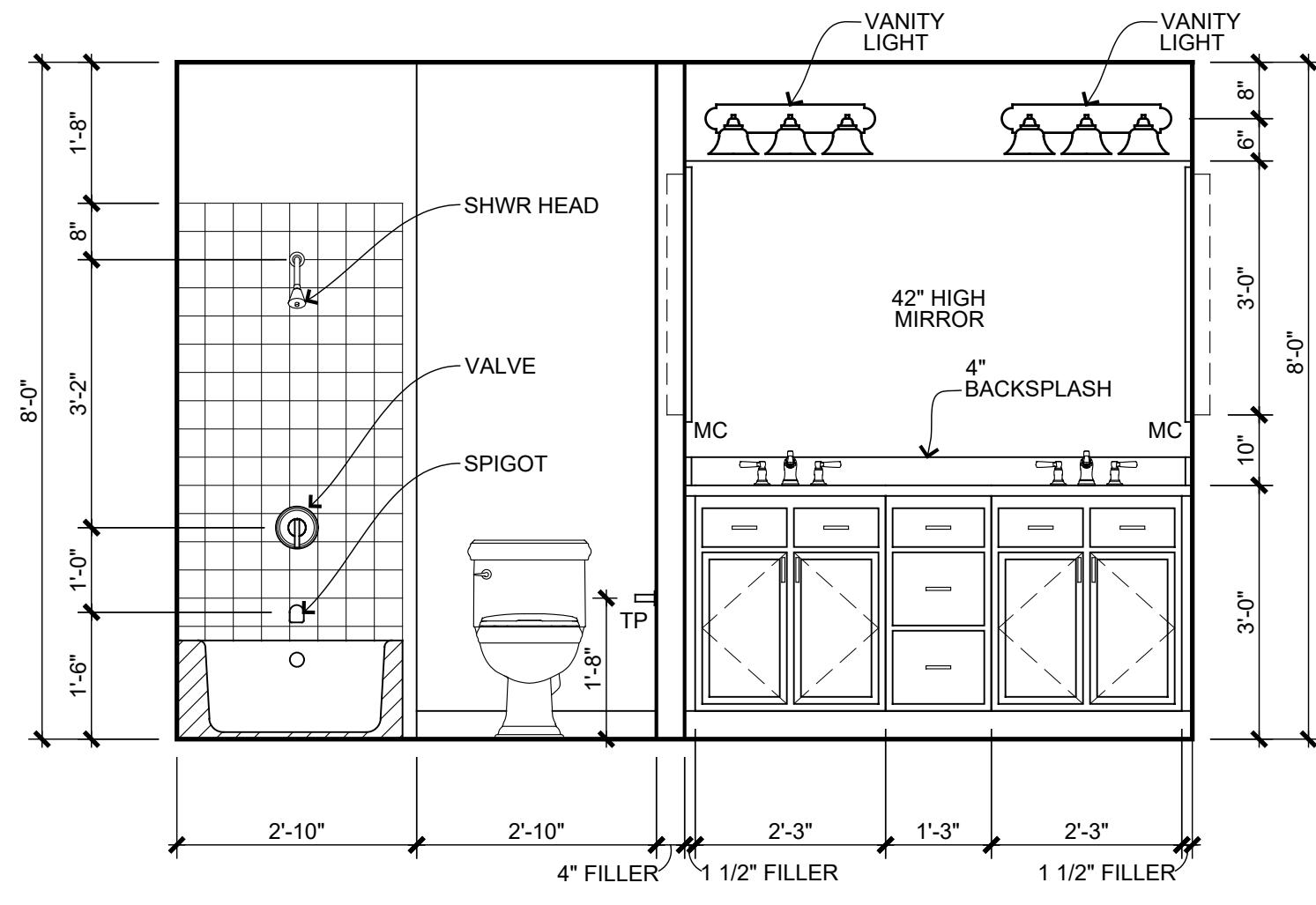
5 OWNER'S BATH
1/2" = 1'-0"



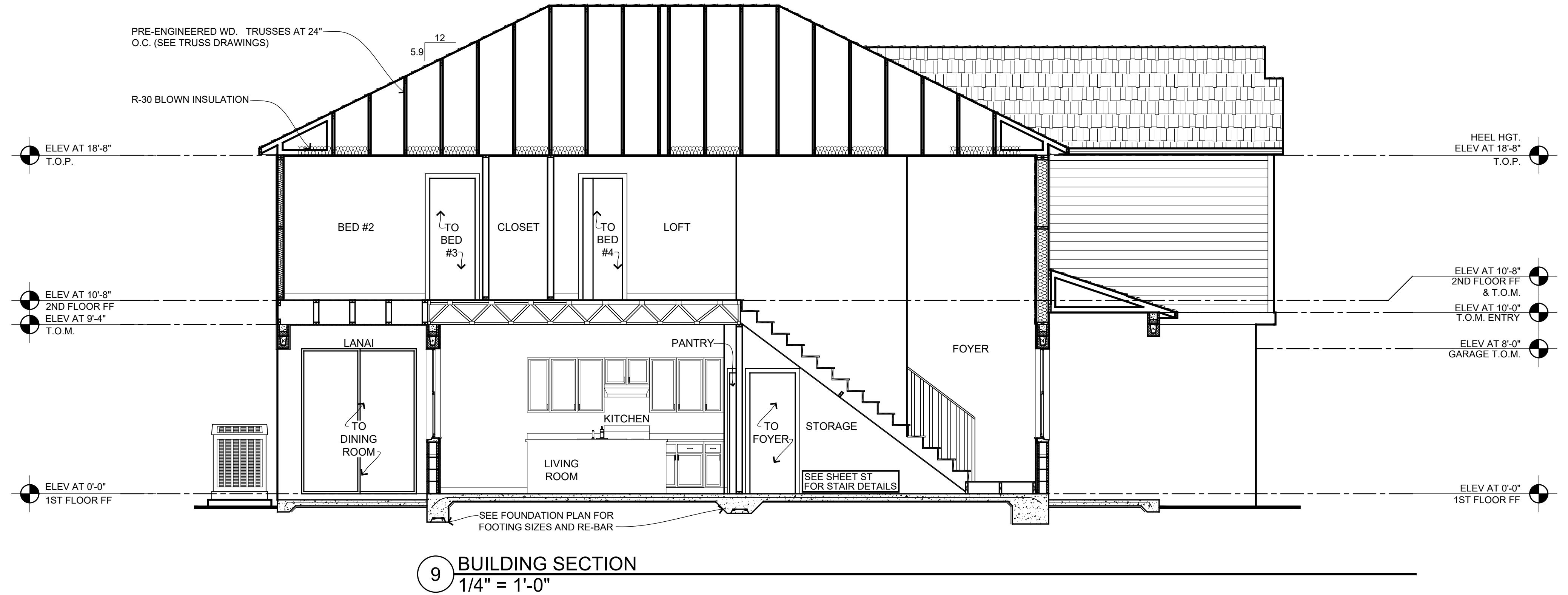
OWNER'S BATH



UTILITY
 $1/2" = 1'-0"$



BATH #2
1/2" = 1'-0"



9 BUILDING SECTION
1/4" = 1'-0"

100-71 Bryant Sq 40

NAME _____

A7

LAST PLOT DATE
Apr. 14 22

INTERIOR
ELEVATIONS

[View Details](#)

INTERIOR ELEVATIONS

Page 1

STRUCTURAL NOTES	
<p>NOTE: BORATE/SENTRA CON SYSTEM APPLIED TO ALL FRAME MEMBERS WITHIN 24" A.F.F.</p> <p>1) METHOD OF TREATMENT SHALL BE APPROVED BY THE GOVERNING JURISDICTION "LIQUID BORATE OR BORA-COR" PRODUCT METHODS MUST BE DETERMINED AT PERMIT STAGE.</p> <p>2) PRESSURE TREATED LUMBER THAT HAS BEEN CUT OR DRILLED THAT EXPOSES UNTREATED PORTIONS OF WOOD ARE REQUIRED TO BE FIELD TREATED TO PREVENT INSECT INFESTATION.</p> <p>ATTENTION: CHEMICAL CHANGES IN PRESSURE TREATED WOODS</p> <p>AS OF DECEMBER 31ST 2005, CHROMATED COPPER ARSENATE (CCA-C) WILL NO LONGER BE PRODUCED FOR RESIDENTIAL OR GENERAL CONSUMER USE. SEVERAL NEW PRESSURE TREATED WOOD ALTERNATIVES HAVE BEEN CREATED TO REPLACE CCA-C. MANY OF THE NEW PRESSURE TREATED WOODS USE CHEMICALS THAT ARE CORROSIVE TO STEEL. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE TYPE OF WOOD TREATMENT AND TO SELECT APPROPRIATE CONNECTORS THAT RESIST CORROSION. FOR EXAMPLE, ACC-C, ACQ-C, CBA-A, OR C-B-A REQUIRE HOT-DIPPED GALVANIZED OR STAINLESS STEEL FASTENERS. DOT SODIUM BORATE (SBX) DOES NOT.</p> <p>REQUIRED SAFETY GLAZING IN HAZARDOUS LOCATIONS (RE: FBRC R308.4)</p> <p>R308.3 HUMAN IMPACT LOADS. INDIVIDUAL GLAZED AREAS INCLUDING GLASS MIRRORS IN HAZARDOUS LOCATIONS SUCH AS THOSE INDICATED AS DEFINED IN SECTION R308.4 SHALL PASS THE TEST REQUIREMENTS OF SECTION R308.3.1. GLAZING SHALL BE TESTED IN ACCORDANCE WITH CPSC 16 CFR, PART 1201 CRITERIA FOR CATEGORY I OR CATEGORY II AS INDICATED IN TABLE R308.3(1).</p> <p>EXCEPTIONS:</p> <ul style="list-style-type: none"> 1. POLISHED WIRED GLASS FOR USE IN FIRE DOORS AND OTHER FIRE RESISTANT LOCATIONS SHALL COMPANY WITH ANSI Z97.1-14 2. LOUVERED WINDOWS AND JALOUSIES SHALL COMPANY WITH SECTION R308.2 <p>R308.4 HAZARDOUS LOCATIONS.</p> <p>THE FOLLOWING SHALL BE CONSIDERED SPECIFIC HAZARDOUS LOCATIONS FOR THE PURPOSE OF GLAZING:</p> <ul style="list-style-type: none"> 1. GLAZING IN SWINGING DOORS EXCEPT JALOUSIES. 2. GLAZING IN FIXED AND SLIDING PANELS OF SLIDING DOOR ASSEMBLIES AND PANELS IN SLIDING AND BI-FOLD CLOSET DOOR ASSEMBLIES. 3. GLAZING IN STORM DOORS. 4. GLAZING IN ALL UNFRAMED SWINGING DOORS. 5. GLAZING IN DOORS AND ENCLOSURES FOR HOT TUBS, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATHTUBS, AND SHOWERS. GLAZING IN ANY PART OF A BUILDING WALL ENCLOSING THESE COMPARTMENTS WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES (1524MM) MEASURED VERTICALLY ABOVE ANY STANDING OR WALKING SURFACE. 6. GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL ADJACENT TO A DOOR WHERE THE NEAREST VERTICAL EDGE IS WITHIN 2-INCH(51MM) ARC OF THE DOOR IN A CLOSED POSITION AND WHOSE BOTTOM EDGE IS LESS THAN 60 INCHES (1524MM) ABOVE THE FLOOR OR WALKING SURFACE. 7. GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL, OTHER THAN THOSE LOCATIONS DESCRIBED IN ITEMS 5 AND 6 ABOVE, THAT MEETS ALL OF THE FOLLOWING CONDITIONS: <ul style="list-style-type: none"> 7.1 EXPOSED AREA OF AN INDIVIDUAL PANE GREATER THAN 9 SQUARE FEET (0.836 M²). 7.2 BOTTOM EDGE LESS THAN 18 INCHES (457 MM) ABOVE THE FLOOR. 7.3 TOP EDGE GREATER THAN 36 INCHES (914 MM) ABOVE THE FLOOR. 7.4 ONE OR MORE WALKING SURFACES WITHIN 36 INCHES (914 MM) HORIZONTALLY OF THE GLAZING. 8. ALL GLAZING IN RAILINGS REGARDLESS OF AN AREA OR HEIGHT ABOVE WALKING SURFACE, INCLUDED ARE STRUCTURAL BALUSTER PANELS AND NONSTRUCTURAL IN FILL-PANELS. 9. GLAZING IN WALLS AND ENCLOSURES INDOOR AND OUTDOOR SWIMMING POOLS, HOT TUBS AND SPAS WHERE THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 60 INCHES (1524 MM) ABOVE A WALKING SURFACE AND WITHIN 60 INCHES (1524 MM) HORIZONTALLY OF THE WATER'S EDGE. THIS SHALL APPLY TO SINGLE GLAZING AND ALL PANES IN MULTIPLE GLAZING. 10. GLAZING ADJACENT TO STAIRWAYS, LANDINGS, AND RAMPS WITHIN 36 INCHES (914 MM) HORIZONTALLY OF A WALKING SURFACE WHEN THE EXPOSED SURFACE OF THE GLASS IS LESS THAN 60 INCHES (1524 MM) ABOVE THE PLANE OF THE ADJACENT WALKING SURFACE. 11. GLAZING ADJACENT TO STAIRWAYS WITHIN 60 INCHES (1524 MM) HORIZONTALLY OF THE BOTTOM TREAD OF A STAIRWAY IN ANY DIRECTION WHEN THE EXPOSED SURFACE OF THE GLASS IS LESS THAN 60 INCHES (1524 MM) ABOVE THE NOSE OF THE TREAD. <p>EXCEPTION: THE FOLLOWING PRODUCTS, MATERIALS AND USES ARE EXEMPT FROM THE ABOVE HAZARDOUS LOCATIONS:</p> <ul style="list-style-type: none"> 1. OPENINGS IN DOORS THROUGH WHICH A 3-INCH(76 MM) SPHERE IS UNABLE TO PASS. 2. DECORATIVE GLASS IN ITEMS 1, OR 7. 3. GLAZING IN SECTION R308.4.2, ITEM 2-EXCEPTIONS, WHEN THERE IS AN INTERVENING WALL OR OTHER PERMANENT BARRIER AND THE GLAZING. 4. GLAZING IN SECTION R308.4.2, ITEM 3, WHERE ACCESS THROUGH THE DOOR IS TO A CLOSET OR STORAGE AREA 3 FEET (914 MM) OR LESS IN DEPTH. GLAZING IN THESE APPLICATIONS SHALL COMPANY WITH SECTION R308.4.3. 5. GLAZING IN SECTION R308.4.3, ITEM 2-EXCEPTIONS, WHEN A PROTECTIVE BAR IS INSTALLED ON THESE ACCESSIBLE SIDE(S) OF THE GLAZING 36 INCHES ± 2 INCHES (914 ± 51 MM) ABOVE THE FLOOR, THE BAR SHALL BE CAPABLE OF WITHSTANDING A HORIZONTAL LOAD OF 50 POUNDS PER LINEAR FOOT (KG/M) WITHOUT CONTACTING THE GLASS AND BE A MINIMUM OF 1/2 INCHES (38 MM) IN CROSS SECTIONAL HEIGHT. 6. OUTBOARD PANES IN INSULATING GLASS UNITS AND OTHER MULTIPLE GLAZED PANELS IN SECTION R308.4.3, ITEM 3-EXCEPTIONS, WHEN THE BOTTOM EDGE OF THE GLASS IS 25 FEET (7620 MM) OR MORE ABOVE GRADE, A ROOF, WALKING SURFACES, OR OTHER HORIZONTAL [WITHIN 45 DEGREES (0.79 RAD) OF HORIZONTAL] SURFACE ADJACENT TO THE GLASS EXTERIOR. 7. MIRRORS AND OTHER GLASS PANELS MOUNTED OR HUNG ON A SURFACE THAT PROVIDES A CONTINUOUS BACKING SUPPORT. 8. SAFETY GLAZING IN SECTION R308.4, IS NOT REQUIRED WHERE: <ul style="list-style-type: none"> 8.1 THE SIDE OF STAIRWAY, LANDING OR RAMP HAS A GUARDRAIL OR HANDRAIL, INCLUDING BALUSTERS OR IN-FILL PANELS, COMPLYING WITH THE PREVISIONS OF; AND 8.2 THE PLANE OF THE GLASS IS GREATER THAN 18 INCHES (457 MM) FROM THE RAILING. 	

STRUCTURAL NOTES

1. SPECIFICATIONS CONSTRUCTION :

- 1.1.1. ACI 318-16 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
- 1.1.2. ACI 500-16, ASCE 7-16 & ACI 530-16, ASCE 87-16 SPECIFICATIONS FOR MASONRY STRUCTURES
- 1.1.3. ASTM C270-14A, C90-14 & C91-15 SPECIFICATIONS FOR MASONRY STRUCTURES
- 1.1.4. NATIONAL DESIGN SPECIFICATIONS (NDS) FOR WOOD CONSTRUCTION, 2018 EDITION, AND ALL ACCOMPANYING SUPPLEMENTS.
- 1.1.5. FLORIDA RESIDENTIAL CODE (FBC-R), FLORIDA BUILDING CODE (FBC) 7TH EDITION (2020)
- 1.1.6. "MANUAL OF STEEL CONSTRUCTION, ALLOWABLE STRESS DESIGN", BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, (AISC) 15TH EDITION.
- 1.1.7. "DESIGN SPECIFICATION FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES" BY THE TRUSS PLATE INSTITUTE TRU-14.

1.2. DESIGN :

- 1.2.1. ACI 301-16 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
- 1.2.2. ACI 530-16, ASCE 87-16 & ACI 530-16, ASCE 87-16 SPECIFICATIONS FOR MASONRY STRUCTURES
- 1.2.3. ASTM C270-14A, C90-14 & C91-15 SPECIFICATIONS FOR MASONRY STRUCTURES
- 1.2.4. NATIONAL DESIGN SPECIFICATIONS (NDS) FOR WOOD CONSTRUCTION, 2018 EDITION, AND ALL ACCOMPANYING SUPPLEMENTS.
- 1.2.5. PLYWOOD DESIGN SPECIFICATIONS (APA)
- 1.2.6. FLORIDA BUILDING CODE (FBC) 7TH EDITION (2020) AND FLORIDA BUILDING CODE 7TH EDITION RESIDENTIAL (FBC-R)

1.3. SHOP DRAWINGS :

- 1.3.1. THERE SHALL NOT BE ANY DEVIATIONS FROM THESE DESIGN PLANS BY OTHERS DURING THE PREPARATION OF SHOP DRAWINGS WITHOUT WRITTEN APPROVAL FROM THE ENGINEER OF RECORD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- 1.3.2. ALL SHOP DRAWINGS ARE TO BE SUBMITTED TO THE ENGINEER OF RECORD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- 1.3.3. ALL ROOF AND FLOOR TRUSS SHOP DRAWINGS ARE TO BE SIGNED AND SEALED BY A FLA. REG. PE. AND SHALL INCLUDE : DRAWINGS AND CALCULATIONS, REACTIONS AND SUPPORTING POINTS, BRACING REQUIREMENTS, AND CONNECTIONS TO SUPPORTING TRUSS MEMBERS.

2. DESIGN LOADS

2.1. DEAD LOADS :

- 2.1.1. UNIT WEIGHT OF SOIL: COMPACTED : 120 PSF
- 2.1.2. UNIT WEIGHT OF REINFORCED CONCRETE : 150 PSF
- 2.1.3. UNIT WEIGHT OF C.M.U. BLOCK : 55 PSF
- 2.1.4. 100% OF SUPERIMPOSED LOAD : 20 PSF
- 2.1.5. UNIT WEIGHT OF GROUT : 11 PSF
- 2.1.6. UNIT WEIGHT OF 2x6 BEARING WALLS : 12 PSF
- 2.1.7. BALCONIES & DECKS : 15 PSF
- 2.1.8. TOP CHORD : 15 PSF
- 2.1.9. BOTTOM CHORD : 10 PSF
- 2.1.10. SHINGLES : 7 PSF
- 2.1.11. TOP CHORD : 10 PSF
- 2.1.12. BOTTOM CHORD : 15 PSF
- 2.1.13. FLOOR TRUSS : 15 PSF

2.2. LIVE LOADS :

- 2.2.1. SIDEWALK, PLAZA, DRIVEWAY LOAD : 250 PSF
- 2.2.2. PARTITIONED ROOMS : 40 PSF
- 2.2.3. BALCONY AND DECKS : 60 PSF UNDER 100 sq. ft.
- 2.2.4. STARWAYS AND LANDINGS : 40 PSF
- 2.2.5. ROOF LOADS : 30 PSF
- 2.2.6. FLOOR TRUSS : 40 PSF
- 2.2.7. ROOF CHORD MINIMUM : 20 PSF
- 2.2.8. ROOF CHORD MAXIMUM : 10 PSF (NON-CONCURRENT)
- 2.2.9. BOTTOM CHORD (ATTIC W/O LIMITED STORAGE) : 20 PSF
- 2.2.10. BOTTOM CHORD (ATTIC W/ LIMITED STORAGE) : 20 PSF

2.3. RAILING LOADS :

- 2.3.1. ALL RAILING AND GUARD RAIL SYSTEMS ARE TO BE DESIGNED TO WITHSTAND A CONCENTRATED LOAD OF 200 POUNDS APPLIED AT ANY POINT AND IN ANY DIRECTION ON THE RAILING.
- 2.3.2. ALL RAILING AND GUARD RAIL SYSTEMS ARE TO BE DESIGNED TO WITHSTAND A HORIZONTAL LOAD OF 100 POUNDS APPLIED VERTICALLY DOWNWARD AT THE TOP OF THE GUARDRAIL GUARDRAIL SYSTEM SHALL BE DESIGNED TO WITHSTAND 2000 CONCENTRATED HORIZONTAL LOAD APPLIED ON 1 SQ. FT. AT ANY POINT IN THE SYSTEM.
- 2.3.3. 2.3.1, 2.3.2 & 2.3.3. ARE NOT REQUIRED TO BE APPLIED SIMULTANEOUSLY, BUT EACH SHALL BE APPLIED TO PRODUCE THE MAXIMUM STRESSES IN THE MEMBER COMPONENTS.

2.4. WIND LOADS :

- 2.4.1. WIND DESIGN TO BE CONDUCTED IN ACCORDANCE WITH SECT. R301.2 OF THE FBC 7TH EDITION (2020), AND CONDUCTED BASED ON A 145 MPH 3 SECOND GUST, EXPOSURE "C", IMPORTANCE FACTOR "I" = 1.0, ENCLOSED BUILDING
- 2.4.2. NET UPLIFT DEAD LOADS : 10 PSF SHINGLE, 15 PSF TILE
- 2.4.3. WIND LOAD DETERMINATION BASED ON ASCE 7-16

2.5. DEFLECTIONS :

- 2.6.1. FLOOR TRUSS SHALL LIMIT DEFLECTION TO L/480 TIMES THE SPAN FOR LIVE LOADS AND L/240 TIMES THE SPAN FOR TOTAL LOAD.

3. DESIGN METHOD

3.1. LOAD FACTOR DESIGN :

- 3.1.1. THE LOAD FACTOR DESIGN METHOD WAS USED TO DESIGN : CAST-IN-PLACE CONCRETE SLABS AND FOOTINGS

3.2. SERVICE LOAD DESIGN :

- 3.2.1. THE SERVICE LOAD DESIGN METHOD WAS USED TO DESIGN : MASONRY WALLS AND LINTELS
- 3.2.2. INTERIOR AND EXTERIOR WOOD FRAMING AND SHEATHING
- 3.2.3. STAINLESS STEEL FRAMING, SHEATHING AND UPLIFT

3.3. LOAD COMBINATIONS FOR LRFD DESIGNS :

- 3.3.1. THE FOLLOWING LOAD COMBINATIONS WERE DESIGNED FOR :
 - TOTAL DL + FLOOR LL + ROOF LL
 - TOTAL DL + FLOOR LL + WL
- 3.3.2. ALL ROOF AND FLOOR TRUSSSES SHALL BE DESIGNED TO RESIST THE WORST LOAD COMBINATION RESULTING IN THE MAXIMUM STRESSES PLACED ON THAT COMPONENT. BOTH PARTIAL, FULL, AND ALTERNATING SPAN LOADING ARE TO BE CONSIDERED.

3.4. DESIGN ASSUMPTIONS :

- 3.4.1. ALL FOUNDATIONS ARE CENTERED UNDER SUPPORTED COLUMNS AND WALLS UNLESS SHOWN OTHERWISE IN THE DESIGN PLANS.

4. MATERIALS

4.1. REINFORCING STEEL :

- 4.1.1. REINFORCING STEEL SHALL BE ASTM A615 / A615M-12 MIN. GRADE 60, fy = 60 Ksi
- 4.1.2. LAJ SPICE SHALL BE AS FOLLOWS: #5 BAR 25", #4 BAR 20", #3 BAR 20".
- 4.1.3. ALL DIMENSIONS PERTAINING TO THE LOCATION OF REINFORCING ARE TO THE FACE OF THE CONCRETE, EXCEPT WHERE THE COVER DIMENSION IS SHOWN TO THE REINFORCING DETAIL DIMENSIONS ARE OUT TO OUT OF BARS.
- 4.1.4. REINFORCING MECHANICAL COUPLERS ARE TO DEVELOP 125% OF THE REQUIRED YIELD STRENGTH OF THE BAR AND ARE TO BE APPROVED BY THE ENGINEER OF RECORD.
- 4.1.5. DESIGN COVER REQUIREMENTS:
 - C-1P CONCRETE FORMED AGAINST EARTH : 3"
 - C-1P CONCRETE EXPOSED TO EXTERIOR : 2"
 - C-1P CONCRETE NOT EXPOSED : 1 1/2"
 - GROUT FILLERS : 1 1/2"
 - C-1P GROUT : 3/4"
- 4.1.6. WELDED WIRE FABRIC (WWF) : ASTM A-185 / A 185M-14
- 4.1.7. DETAIL REINFORCEMENT ACCORDING WITH ACI 318-14 (STRUCTURAL CONCRETE) ACI 530-16 (MASONRY STRUCTURES)

4.2. CONCRETE :

4.2.1.	CONCRETE TYPE	MIN. 28 DAY DESIGN (f'c)	MODULES OF ELASTICITY DESIGN (E)
C-I-P CONCRETE (NORMAL WEIGHT)	2,500 Psi	2,850 Ksi	
C-I-P CONCRETE (NORMAL WEIGHT) HERNANDO CO. ONLY	3,000 Psi	3,122 Ksi	
C-I-P GROUT	3,000 Psi	3,122 Ksi	

STRUCTURAL NOTES

4.2.2. CONCRETE SHALL CONSIST OF 1" MAXIMUM AGGREGATE CONCRETE MIX WITH SLUMP BETWEEN 6" AND 7" AT TIME OF PLACEMENT. SEE SPECIFICATIONS FOR ADDITIONAL CRITERIA.

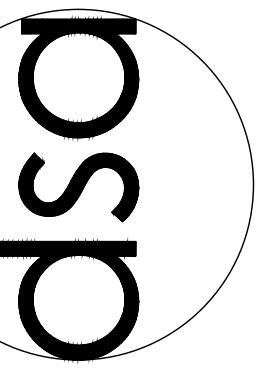
- 4.2.3. CONCRETE SHALL CONSIST OF PEAK ROCK (3/8" MAXIMUM AGGREGATE) CONCRETE MIX WITH SLUMP BETWEEN 6" AND 10" AT TIME OF PLACEMENT. SEE SPECIFICATIONS FOR ADDITIONAL CRITERIA.
- 4.2.4. CONSTRUCTION JOINTS WILL BE PERMITTED.
- 4.2.5. METHOD OF CONCRETE FORMING, PLACEMENT AND CURING SHALL BE CONDUCTED IN ACCORDANCE WITH THE SPECIFICATIONS AS STATED.
- 4.2.6. EARTH RETAINING SYSTEMS WITH PERMANENT EXCAVATION (NO WALKWAYS & DRIVEWAYS): 3 1/2" MIN. THICKNESS W/ MIN. REINFORCEMENT OF 6.0" X 6.0" W/ 1.4" X 1.4" WWF @ MID-DEPTH OF SLAB. FIBER MESH PER DESIGN MIX MAY BE USED. L.O. WWF @ CONTRACTORS DISCRETION.

4.3. CONCRETE MASONRY :

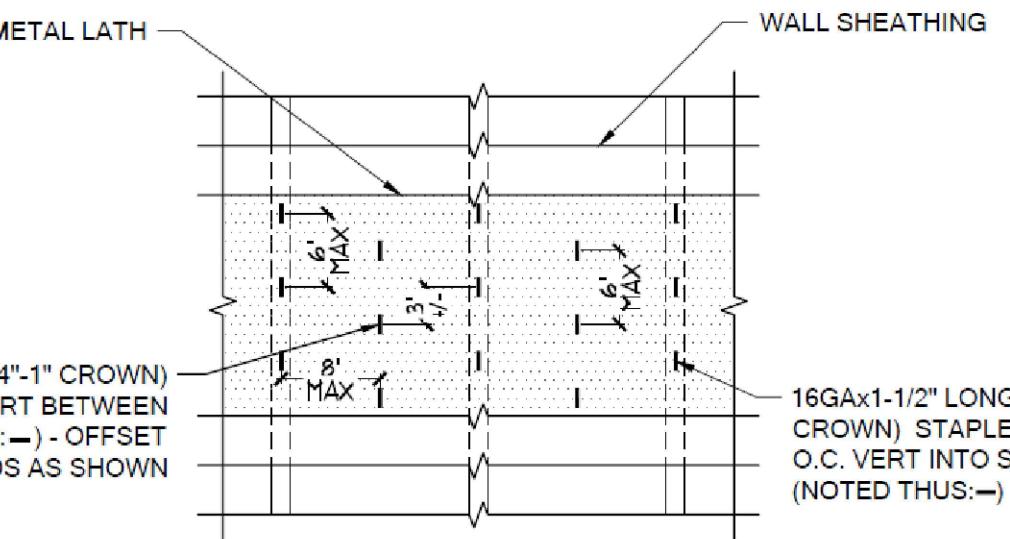
- 4.3.1. FILLED CELLS CELLS W/ (1) #5 BAR SHALL BE LOCATED PER PLAN.
- 4.3.2. LOAD BEARING CONCRETE MASONRY BLOCK SHALL BE ASTM C90-14, TYPE II.
- 4.3.3. NO CELLS OR CAVITIES BELOW GRADE WILL BE FILLED W/ CONCRETE IN ALL STEM WALLS.
- 4.3.4. THE AGGREGATE STRENGTH OF THE BLOCK AND MORTAR SHALL BE F'm = 2,000 PSI
- 4.3.5. METHOD OF CONCRETE MASONRY PLACEMENT AND CONSTRUCTION SHALL BE CONDUCTED IN ACCORDANCE WITH THE SPECIFICATIONS AS STATED.
- 4.3.6. MORTAR SHALL BE ASTM C270 TYPE "S" FOR ALL MASONRY CONSTRUCTION.

4.4. STRUCTURAL LUMBER :

- 4.4.1.1. INTERIOR LOAD BEARING WALLS SPF #2 ALL EXTERIOR FRAMING SPF #2
- 4.4.1.2. ALL FRAME WALLS TO BE CONSTRUCTED USING SPF #2, STUD QUALITY OR BETTER
- 4.4.1.3. ALL HEADER BEAMS, COLUMNS ETC, TO BE SPF #2 OR BETTER
- 4.4.1.4. ALL PLYWOOD USED FOR EXTERIOR APPLICATIONS SHALL BE APA RATED STRUCTURAL SHEET PLYWOOD 15/32" EXCL. FOR 7/16" SPUR SURFACE.
- 4.4.1.5. ALL PLYWOOD USED FOR INTERIOR APPLICATIONS SUCH AS SUB FLOORING AND SHEAR WALLS SHALL BE APA RATED SHEATHING EXP 1 U.L.O.
- 4.4.1.6. IF OSB BOARD IS TO BE USED IN PLACE OF PLYWOOD IT IS TO HAVE SIMILAR OR GREATER SECTION PROPERTIES.
- 4.4.1.7. ONE END OF THE LUMBER IS TO BE USED FOR AN EXTERIOR APPLICATION. WOOD IN CONTACT WITH CONCRETE IS TO RECEIVE A STANDARD GRADE PRESSURE TREATING. WHEN PRE ENGINEERED TRUSSES ARE CALLED FOR ON THE PLANS THE MANUFACTURER IS TO SUBMIT SHOP DRAWINGS TO THE ENGINEER OF RECORD.
- 4.4.1.8. DESIGN, FAIRING, ETC AND ERECT WOOD TRUSSES IN ACCORDANCE WITH THE DESIGN SECTION PLANS.
- 4.4.1.9. UNREATED WOOD SHALL NOT BE IN DIRECT CONTACT WITH THE CONCRETE. SEAT PLATES SHALL BE PROVIDED IN BEAM LOCATIONS WITHOUT WOODEN TOP PLATES.
- 4.4.1.10. ALL EXTERIOR FRAMES W/ WALLS SHALL RECEIVE A STUCCO FINISH. 7/8" OVER METAL LATHE. FIRST 2 LAYERS 3/8" THICK EACH, 3RD LAYER 1/8" THICK.
- 4.4.1.11. INSTALLATION OF EXTERIOR LATHE & FRAMING SHALL COMPLY TO ASTM C 1036 PER FLORIDA CODE 7/16.
</ul



THIS DETAIL ONLY REFERS TO THE DIAMOND-MESH EXPANDED METAL LATH ATTACHMENT.



METAL LATH ATTACHMENT DETAIL

REV. 09.24.21 SCALE: 3/4" = 1'-0"

DETAIL EXCEEDS THE REQUIREMENTS FOR FBCR 703.7.1 LATH

ONLY APPLIES TO LENNAR TPA/JAX

LATHING ACCESSORIES:

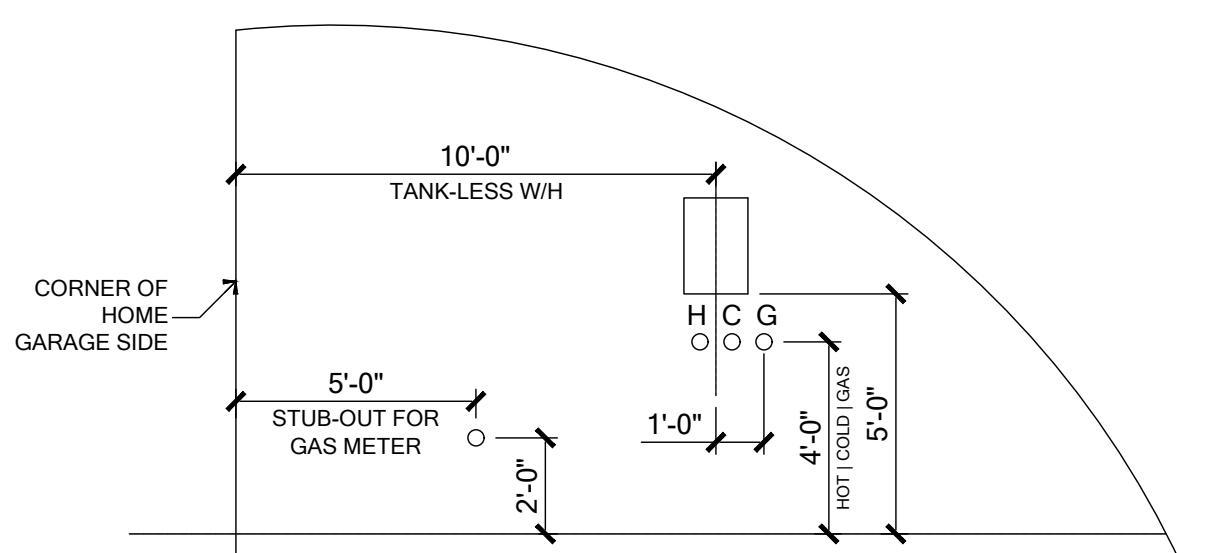
ATTACHMENTS SHALL BE OF CORROSION-RESISTANT MATERIALS.

WOOD APPLICATION: 16 GA. X 1-1/2" LONG (3/4"-1" CROWN) STAPLES @ 6" O.C. VERTICALLY/HORIZONTALLY INTO FRAMING MEMBERS.

MASONRY APPLICATION: CONCRETE STUB NAIL, 3/8" (10 MM) HEAD DIA. MIN. @ 6" O.C. VERTICALLY/HORIZONTALLY OR COMPATIBLE ADHESIVES, EXTERIOR GUN-GRADE, CONSTRUCTION ADHESIVE WITH 1" DABS @ 6" O.C. OR IN A SEMI-CONTINUOUS BEAD BETWEEN THE SOLID PLASTER BASE AND THE SOLID PORTION OF THE KEY ATTACHMENT FLANGE.

CONTROL JOINTS: INSTALL CONTROL JOINT LATHING ACCESSORIES IN CONFORMANCE WITH C1063. LATH SHALL NOT BE CONTINUOUS THROUGH CONTROL JOINTS, BUT SHALL BE STOPPED AND TIED AT EACH SIDE.

ALL ACCESSORIES SHALL BE IN ACCORDANCE WITH THE LATEST ASTM C1063 & ASTM C1861.



- MEASUREMENTS ARE FROM FINISHED FLOOR
- ROUGH-IN GAS TO RIGHT (ALWAYS) - 12" OFF-CENTER
- ROUGH-IN ELECTRIC TO LEFT (ALWAYS) - 12" OFF-CENTER

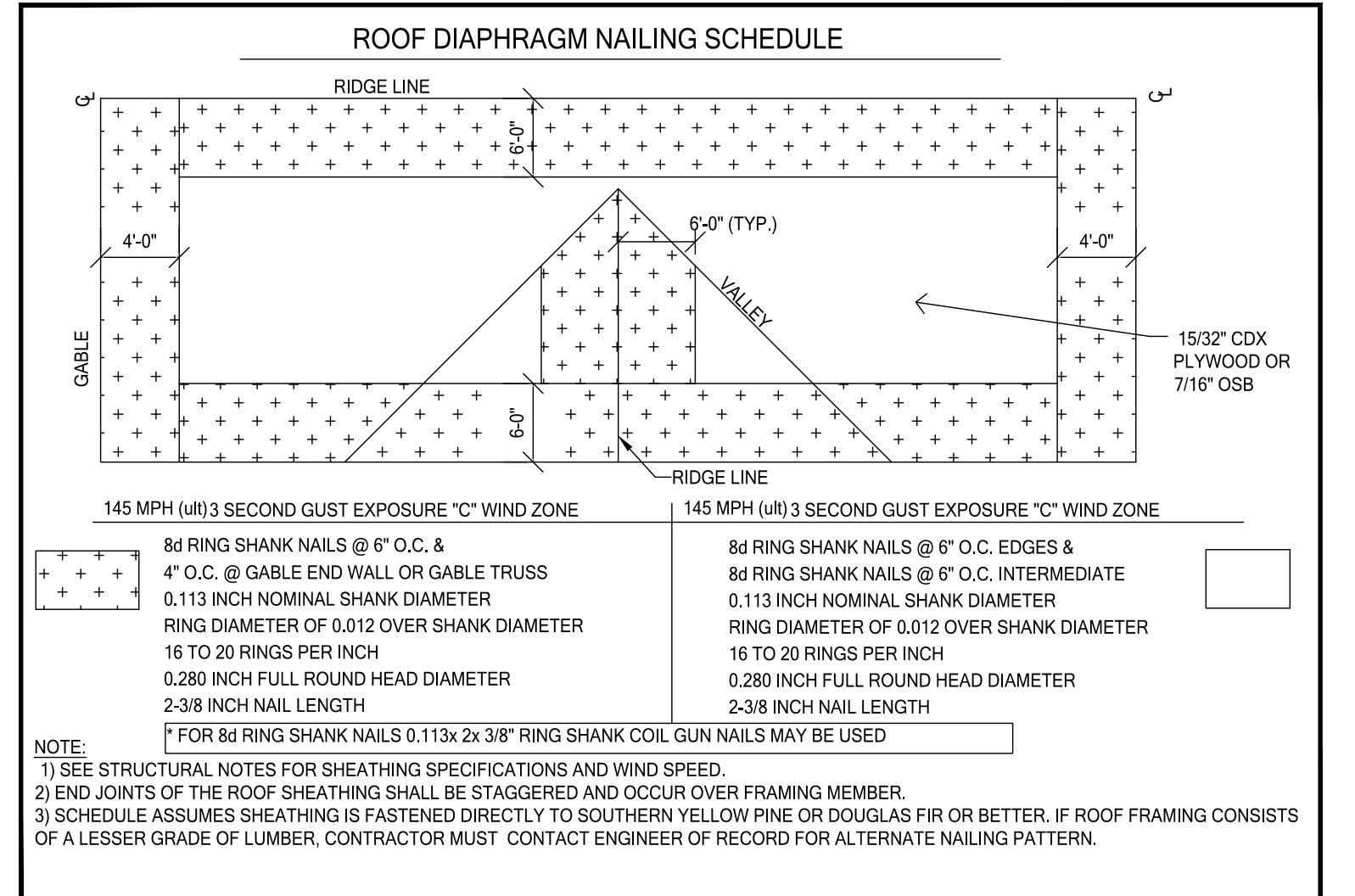
GAS CONNECTION DETAIL

ONLY APPLIES TO HILLSBOROUGH AND PASCO COUNTY

RAFTER SPAN TABLE		
MEMBER SIZE AND SPACING	MAXIMUM LENGTH	MEMBER CONNECTIONS*
2" X 4" @ 16" O.C.	7'-5"	(2) 16d TOENAILS
2" X 6" @ 16" O.C.	10'-8"	(2) 16d TOENAILS
2" X 8" @ 16" O.C.	13'-9"	(3) 16d TOENAILS
2" X 10" @ 16" O.C.	16'-5"	(1) SIMPSON HTS20 OR (3) 16d TOENAILS
2" X 12" @ 16" O.C.	19'-3"	(1) SIMPSON HTS20 OR (4) 16d TOENAILS
2" X 4" @ 24" O.C.	6'-1"	(2) 16d TOENAILS
2" X 6" @ 24" O.C.	8'-6"	(2) 16d TOENAILS
2" X 8" @ 24" O.C.	11'-0"	(2) 16d TOENAILS
2" X 10" @ 24" O.C.	13'-0"	(3) 16d TOENAILS
2" X 12" @ 24" O.C.	15'-4"	(1) SIMPSON HTS20 OR (3) 16d TOENAILS

*TOENAIL CONNECTIONS DESIGNED FOR SHEAR ONLY (i.e. RAFTER TO RIDGEBEAM).

** SOUTHERN YELLOW PINE, 55 PSF LOADING



Backer and Filler Block Dimensions		
BCL Joist Series	Backer Block Thickness	Filler Block Thickness
5000s 1.8/1.7	Two 3/4" wood panels or 2 x ...	
6000s 1.8/1.7	2 x ... + 5/8" or 3/4" wood panel	
6500s 1.8/1.7	2 x ... + 5/8" or 3/4" wood panel	
60 2.0	2 x ... + 5/8" or 3/4" wood panel	
90 2.0	2 x ... lumber	Double 2 x ... lumber

NOTE:
1) SEE STRUCTURAL NOTES FOR SHEATHING SPECIFICATIONS AND WIND SPEED.
2) END JOINTS OF THE ROOF SHEATHING SHALL BE STAGGERED AND OCCUR OVER FRAMING MEMBER.
3) SCHEDULE ASSUMES SHEATHING IS FASTENED DIRECTLY TO SOUTHERN YELLOW PINE OR DOUGLAS FIR OR BETTER. IF ROOF FRAMING CONSISTS OF A LESSER GRADE OF LUMBER, CONTRACTOR MUST CONTACT ENGINEER OF RECORD FOR ALTERNATE NAILING PATTERN.

DOUBLE JOIST CONSTRUCTION

(Not required if both loaded equally from above)

Filler blocking
1/8" gap
2" min.
2" max.

1)

Support back of web during nailing to prevent damage to web-flange connection.

2)

Block solid between joists for full length of span.

3)

Leave 1/8" gap between top of filler blocking and bottom of top flange.

4)

Place plates together and nail from each side with 2 rows of 10d nails at 12" o.c., clinched when possible. Slagger rows from opposite sides by 6".

Web Stiffener Fastener Schedule		
Joist Series	Depth	End Intermediate
BCI 5000s®	9-1/2"	2-8d 2-8d
	10-1/2"	3-8d 3-8d
BCI 6000s®	9-1/2"	2-8d 2-8d
BCI 6500s®	11-7/8"	3-8d 3-8d
BCI 60x®	14"	2-8d 5-8d
	16"	2-8d 6-8d
BCI 90s®	11-7/8"	3-16d 3-16d
	14"	5-16d 6-16d
	16"	6-16d 8-16d

WEB STIFFENER

N.T.S.

2x4/Plywood/OSB web stiffener required when indicated or

- Hangers with side nailing.

- Hangers with sides not containing top flange of joist.

- Blocking.

- Under 2nd floor column w/ loads higher than 1500lb.

JOISTS OFFSET		
Plumbing	I-Joist can be offset up to 3" to avoid vertical plumbing	3" max

N.T.S.

TYPICAL SIMPSON HETA20 / HETAL20 INSTALLATION

TYPICAL SIMPSON MTS / HTS INSTALLATION

SQUARE FOOTAGE NOTICE

ALL SQUARE FOOTAGE INDICATED ARE APPROXIMATE. DIMENSIONS ARE OUTSIDE OF INTERIOR WALLS. DIMENSIONS ARE TAKEN FROM FRAME AND/OR BLOCK AND DO NOT INCLUDE DRYWALL OR APPLICATION.

TYPICAL SIMPSON LUS/HUS/HUC INSTALLATION

TYPICAL SIMPSON H10A INSTALLATION

NOT: UPLIFT VALUE IS BASED ON S.P.F.

LOCATION OF SECOND H10A (WHEN REQUIRED)

PIPE VERTICAL THRU FND.

MONO FOUNDATION

PLUMBING LINE

A/C CHASE 4" PVC SLEEVE THRU STEM WALL

PVC OR SCH40 SLEEVE

FINISH GRADE

SEE FND. PLN. SIZE & REINF.

STEM FOUNDATION

PIPE PERPENDICULAR TO FND.

PLUMBING LINE

A/C CHASE 4" PVC (2) #5 REBAR

PVC OR SCH40 SLEEVE

GRADE

REINF. SEE PLAN

6" MIN

SEE FND. PLN. SIZE & REINF.

TYP. FND. PENETRATIONS

TYP. FND. BUCKETS

PLUMBING LINE

PVC OR SCH40 SLEEVE

TOP (2) #5's x 4'-0" CENTERED @ PIPE PENETRATION

SEE FND. PLN. SIZE & REINF.

PIPE PERPENDICULAR TO FND.

PIPE PERPENDICULAR TO FND.

PLUMBING LINE

A/C CHASE 4" PVC (2) #5 REBAR

PVC OR SCH40 SLEEVE

GRADE

REINF. SEE PLAN

6" MIN

SEE FND. PLN. SIZE & REINF.

SN1

SN1

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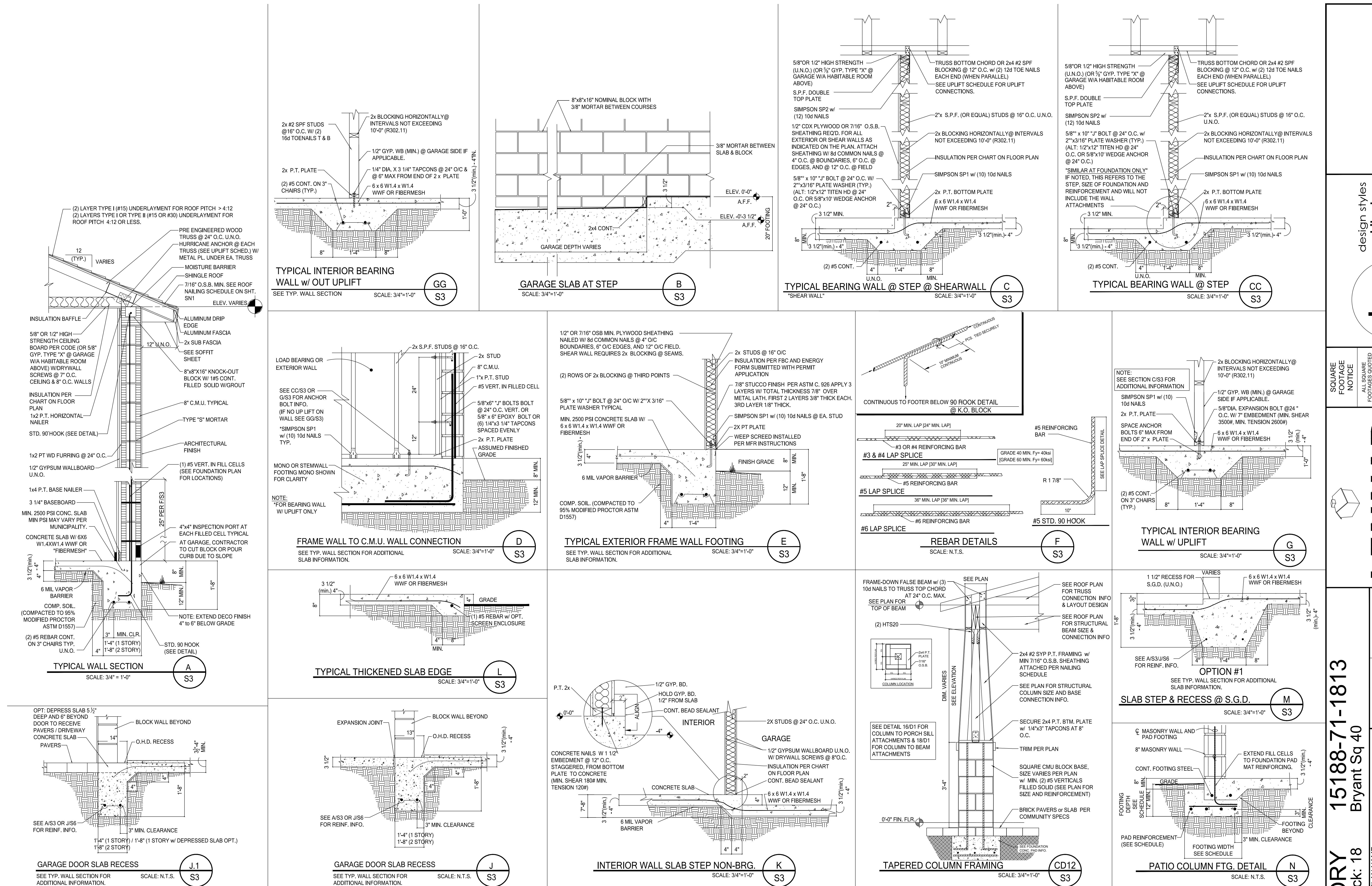
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INVENTORY 15188-71-1813
Lot: 13 Block: 18 Bryant Sq 40

2342 - LEGACY

Version
1.0 12/07/15
2.0 12/16/15
3.0 10/12/20
4.0 02/12/21

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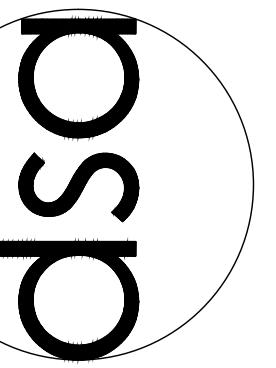
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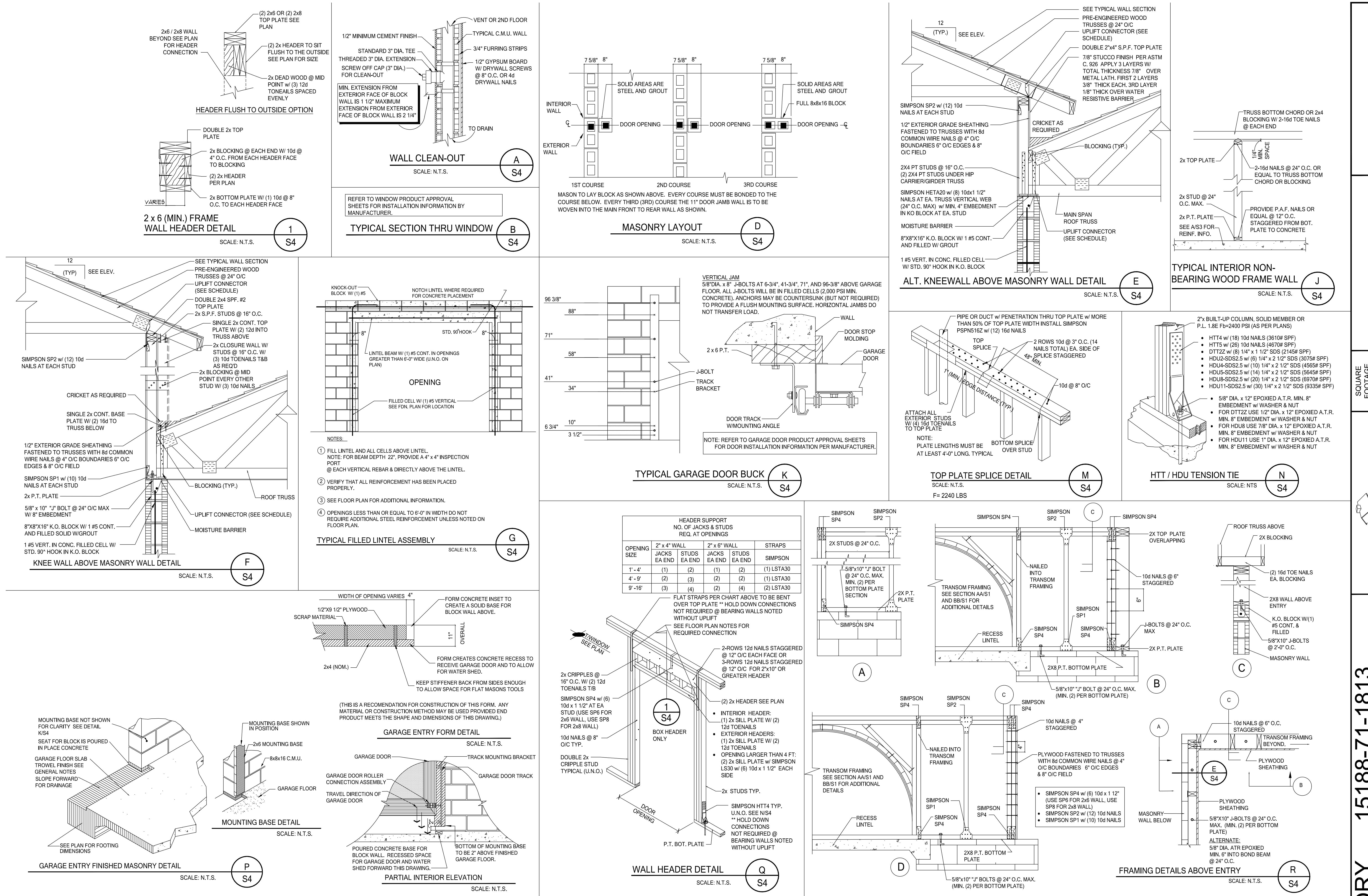
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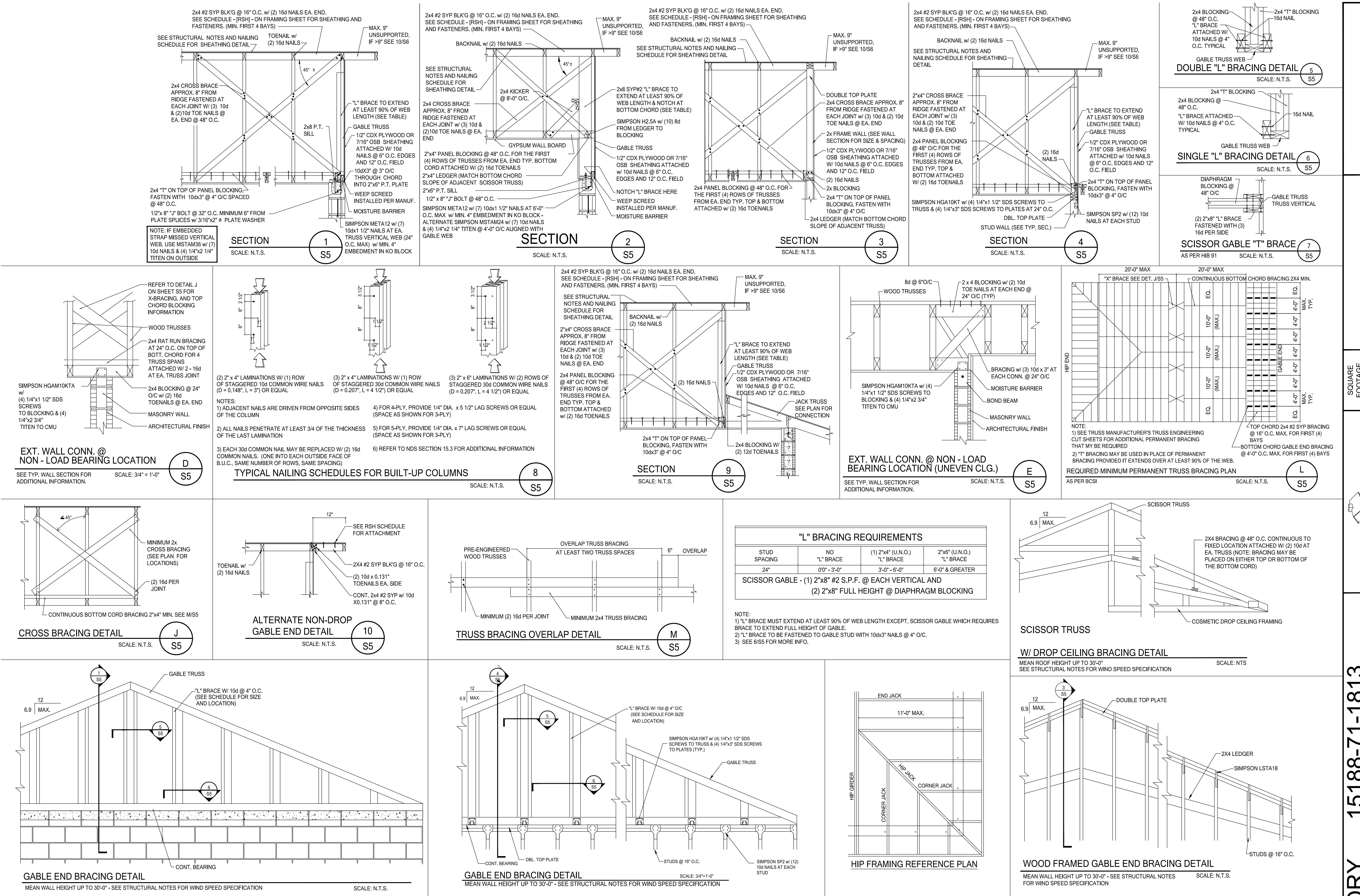
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DETAILS-MONO



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ANDREW J. DOHMHEN, AR #15805 4/14/2022

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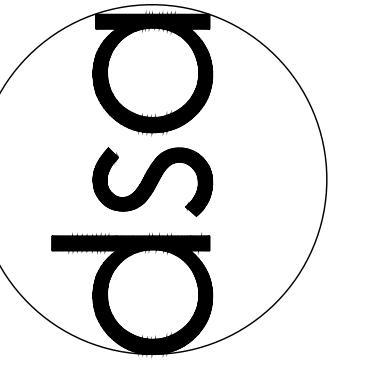
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DETAILS-MONO

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3.0 10/12/20
4.0 02/12/21

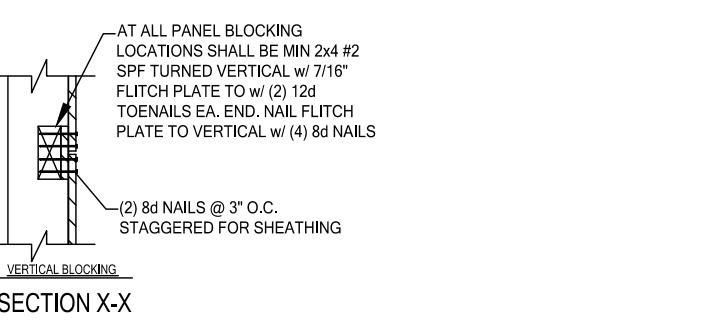
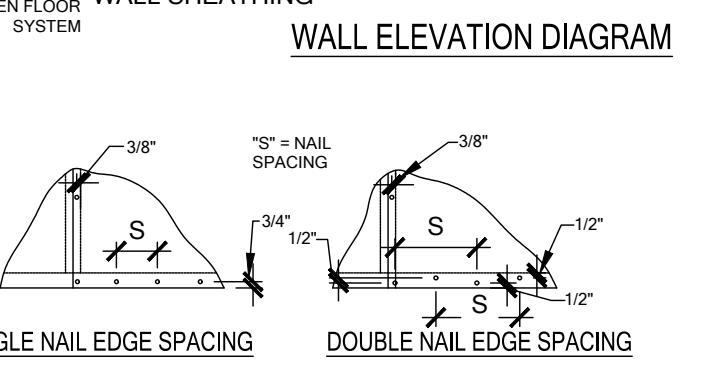
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WALL SHEATHING MAY BE INSTALLED VERTICALLY OR HORIZONTALLY.
ATTACH PER NAILING SCHEDULE. PANEL EDGES WILL NEED TO BE
ATTACHED TO STUD AND OR BLOCKING AT ALL EDGES A MINIMUM $\frac{1}{2}$ "
EXPOSED SHEATHING IS REQUIRED. USE 8d NAILS FOR ALL EDGES AND END
JOINTS TO ALLOW FOR EXPANSION. FASTENERS SHALL NOT PENETRATE
SURFACE MORE THAN $\frac{1}{8}$ ".

(A) NAIL AT BASE 2 ROWS @ 4" O.C. w/ 8d COMMON NAIL
(B) NAIL AT TOP PLATE TWO ROWS @ 4" O.C. w/ 8d COMMON NAIL
(C) NAIL OPENING PERIMETER w/ 2 ROWS @ 4" O.C. w/ 8d COMMON NAIL
(D) NAIL INTERIOR AT 6" O.C. w/ 8d COMMON NAIL
(E) STAGGER ALL VERTICAL JOINTS & NAIL @ 4" O.C.
(F) PLYWOOD SPlices @ HEADER - NAIL SHEATHING TO HEADER
w/ 8d COMMON NAIL @ 4" O.C. 2 ROWS @ TOP & BOTTOM
(G) 8d NAILS @ 3" O.C. TO EACH TRUSS END OR @ VERTICAL
MEMBER IF CABLE END

NOTE:
• 8d NAILS FOR WALL SHEATHING MUST BE MIN. 131" X 2 1/2"
• DO NOT OVERDRIVE NAILS, FASTENERS SHALL NOT PENETRATE
SURFACE MORE THAN $\frac{1}{8}$ ".

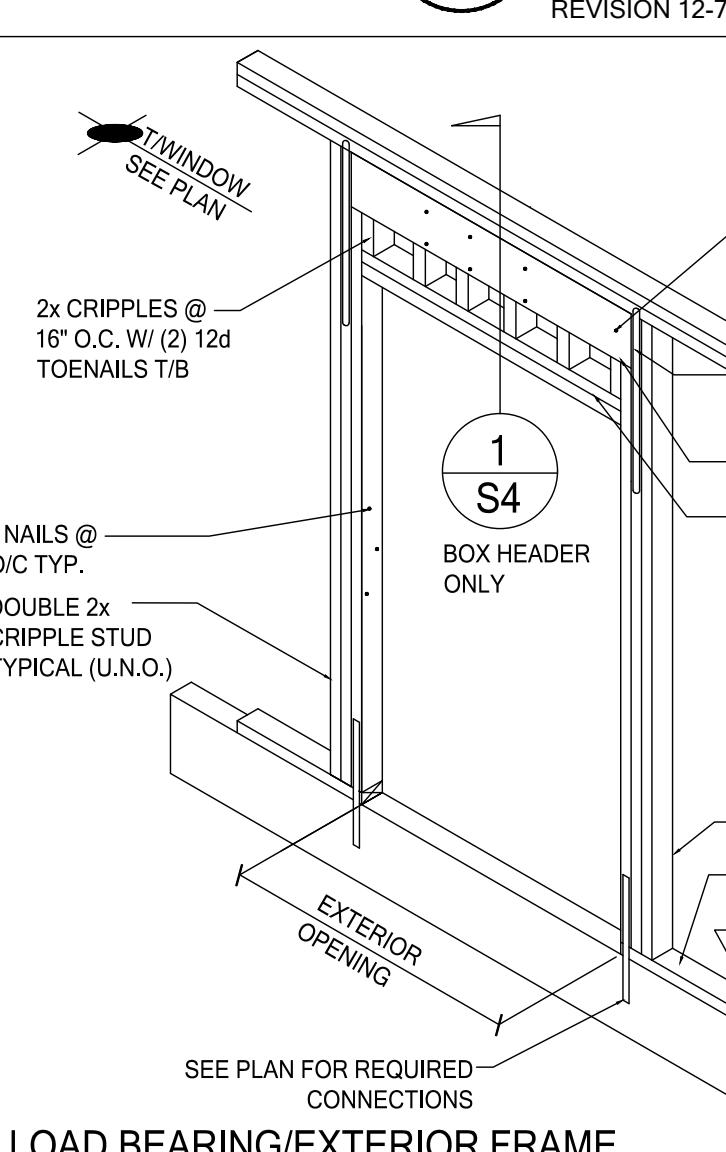
WALL ELEVATION DIAGRAM



AT ALL PANEL BLOCKING
- 2-8d NAILS @ 3" O.C.
SP TURNED VERTICAL w/ 7/16" FLITCH PLATE TO w/ (2) 12d TOENAILS, NAIL FLITCH PLATE TO VERTICAL w/ (4) 8d NAILS

SECTION X-X

WALL SHEATHING INSTALL.
& NAILING SCHED.
REVISION 12-7-2020



HEADER SUPPORT
NO. OF JACKS & STUDS
REQ. AT OPENINGS

OPENING SIZE	2" x 4" WALL JACKS EA END	2" x 6" WALL JACKS EA END	STRAPS SIMPSON
1'-4"	(1)	(2)	(1)
4'-9"	(2)	(3)	(2)
9'-16"	(3)	(3)	(3)

10d NAILS @ 8" O.C.TYP.

DOUBLE 2x CRIPPLE STUD TYPICAL (U.N.O.)

• INTERIOR HEADER:
(1) 2x SILL PLATE W/ (2)
12d TOENAILS

• EXTERIOR HEADERS:
(1) 2x SILL PLATE W/ (2)
12d TOENAILS

• OPENING LARGER THAN 4 FT:
(1) 2x SILL PLATE w/ SIMPSON
LS30 w/ (6) 10d x 1/2" EACH SIDE

SEE FLOOR PLAN NOTES FOR
REQUIRED CONNECTION

(2) 2x HEADER SEE PLAN

• INTERIOR HEADER:
(1) 2x SILL PLATE W/ (2)
12d TOENAILS

• EXTERIOR HEADERS:
(1) 2x SILL PLATE W/ (2)
12d TOENAILS

• OPENING LARGER THAN 4 FT:
(1) 2x SILL PLATE w/ SIMPSON
LS30 w/ (6) 10d x 1/2" EACH SIDE

SEE FLOOR PLAN NOTES FOR
REQUIRED CONNECTION

2x STUDS TYP.
P.T. BOT. PLATE

FLOOR TRUSS / BEAM

EXTERIOR
OPENING

SEE PLAN FOR REQUIRED
CONNECTIONS

LOAD BEARING/EXTERIOR FRAME
WALL HEADER DETAIL

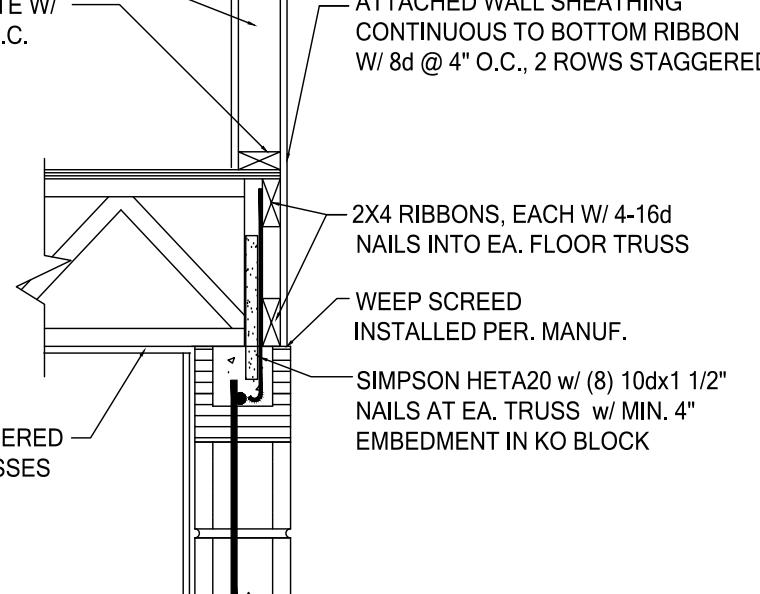
M S6

ALTERNATE FOOTING

@ WOOD 1ST FLR. SEE JIS FOR
ADDITIONAL INFORMATION.

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

V S6



FLOOR CONNECTION
@ MASONRY 1ST FLR. SEE JIS6
FOR ADDITIONAL INFORMATION.

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

B S6

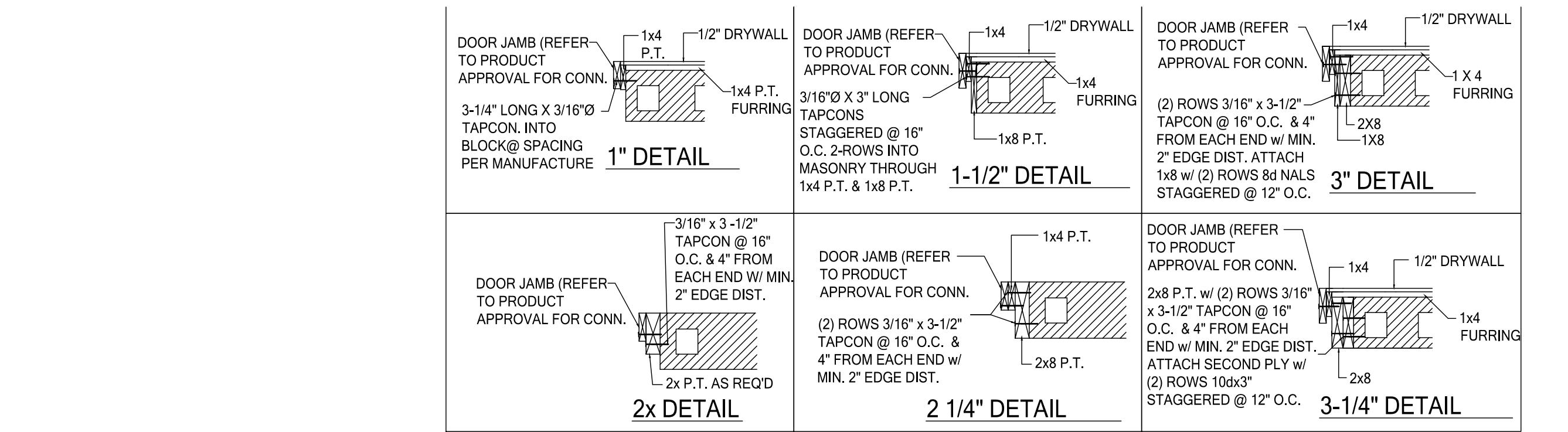
WALL ELEVATION DIAGRAM

SECTION X-X

WALL SHEATHING

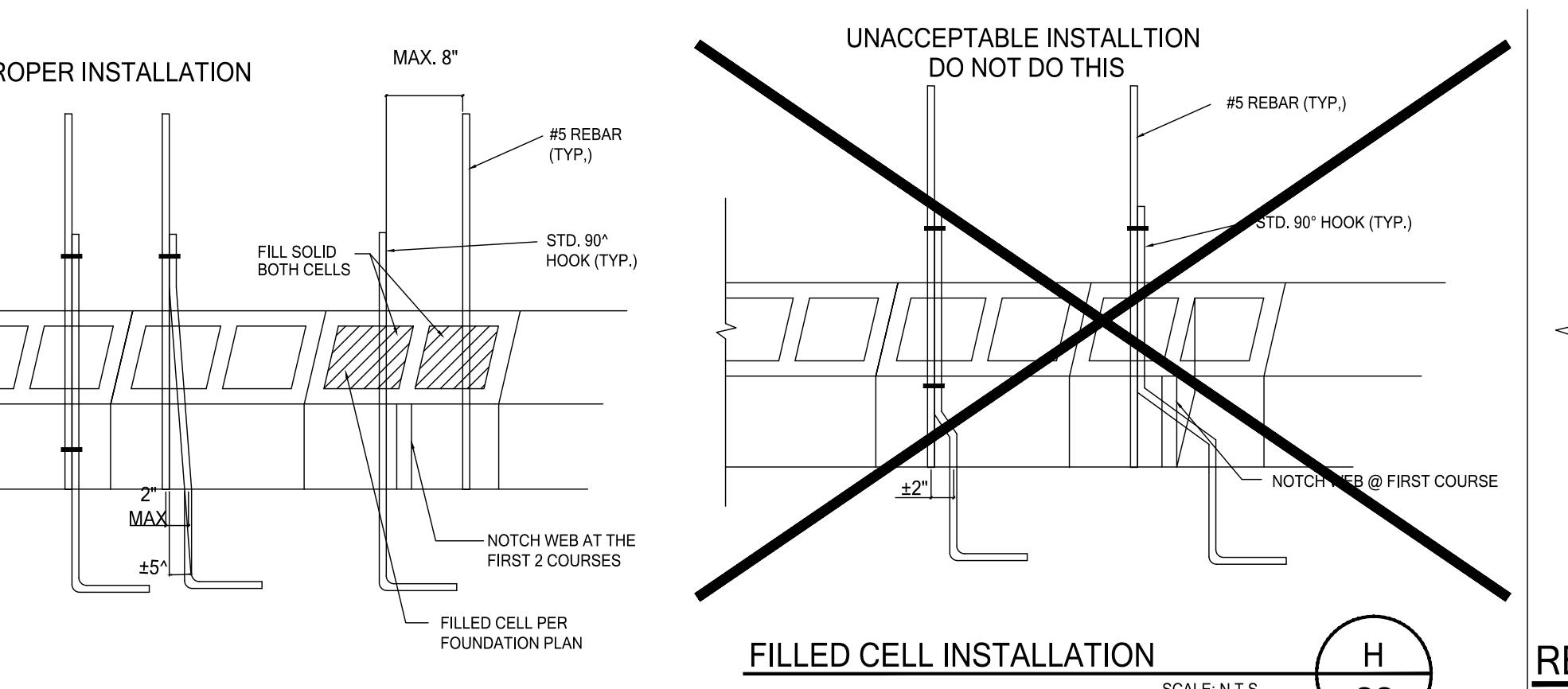
SECTION X-X

WALL SHEATH



BUILDOUT @ OVER SIZE DOOR-WINDOW ROUGH OPENINGS

SCALE: N.T.S.

CC
SS

FILLED CELL INSTALLATION

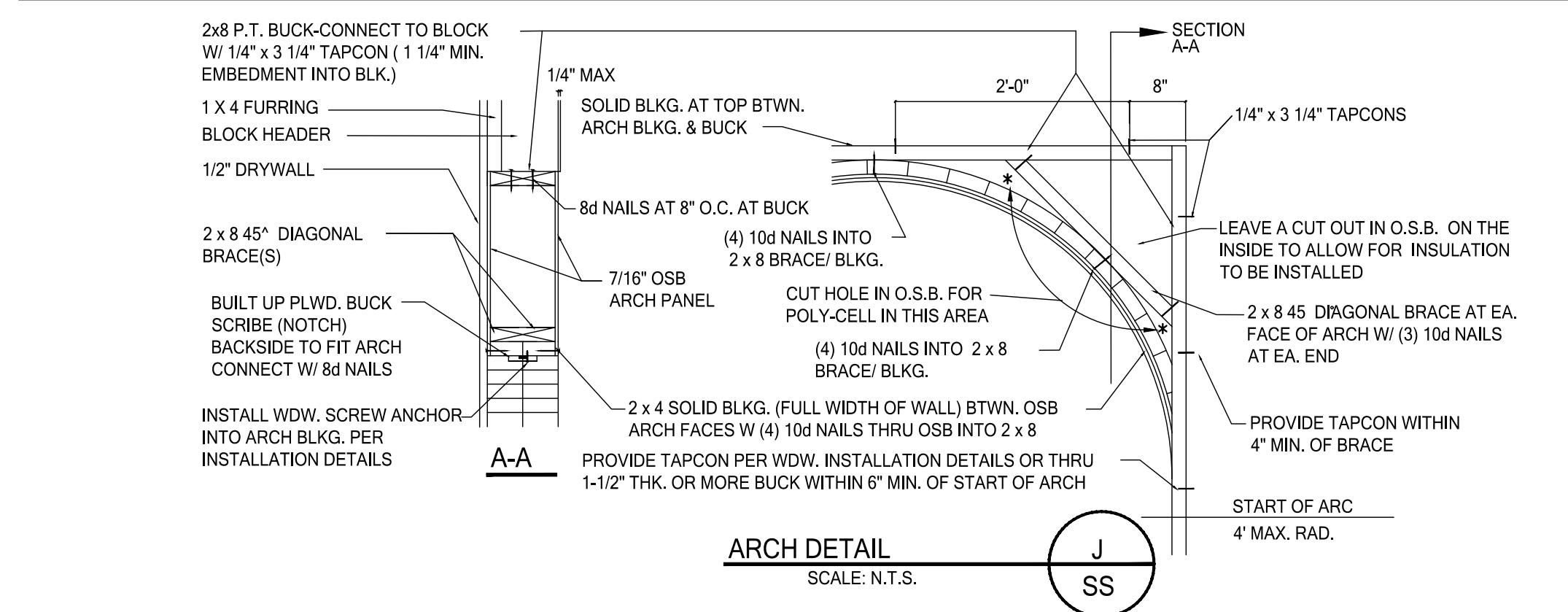
SCALE: N.T.S.

H
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RETROFIT FOR MISSING EMBEDDED STRAP

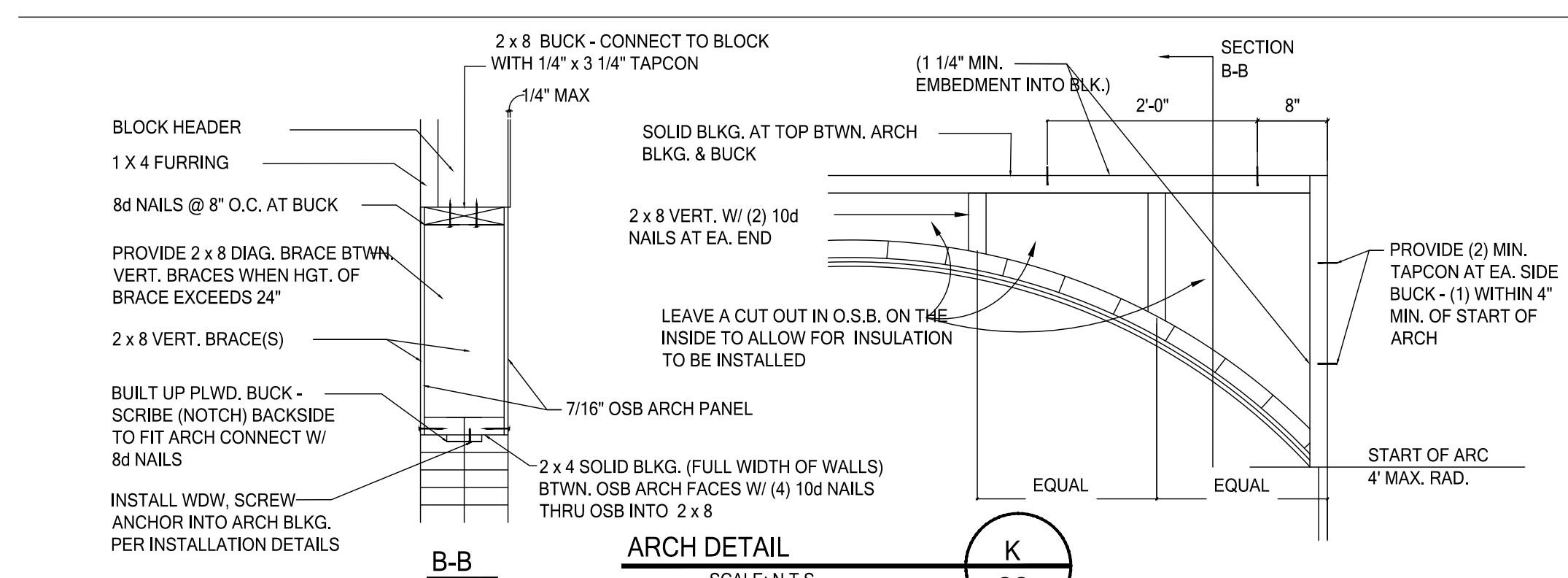
SEE TYP. 2-STORY WALL SECTION FOR ADDL. INFO

SCALE: N.T.S.



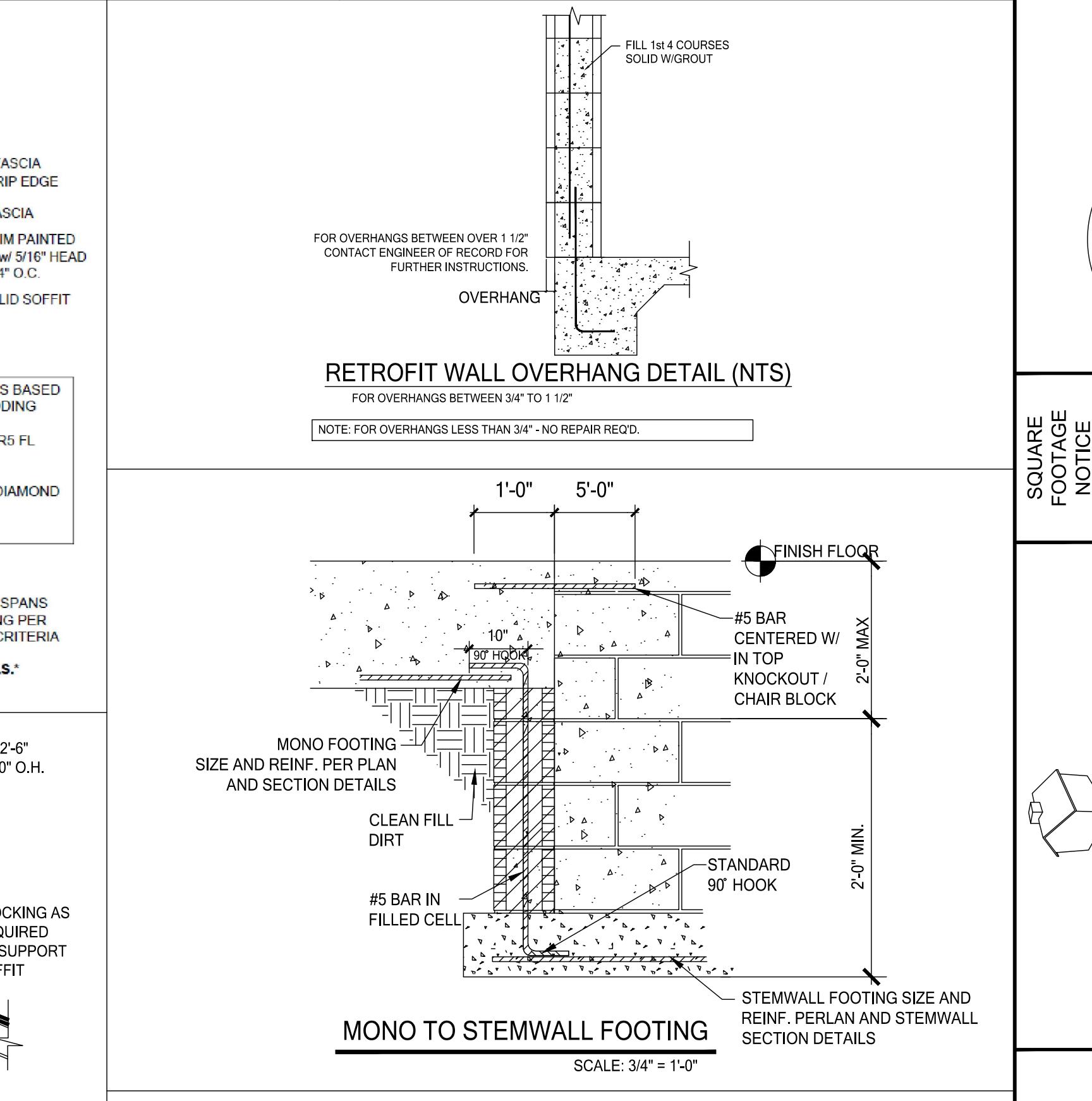
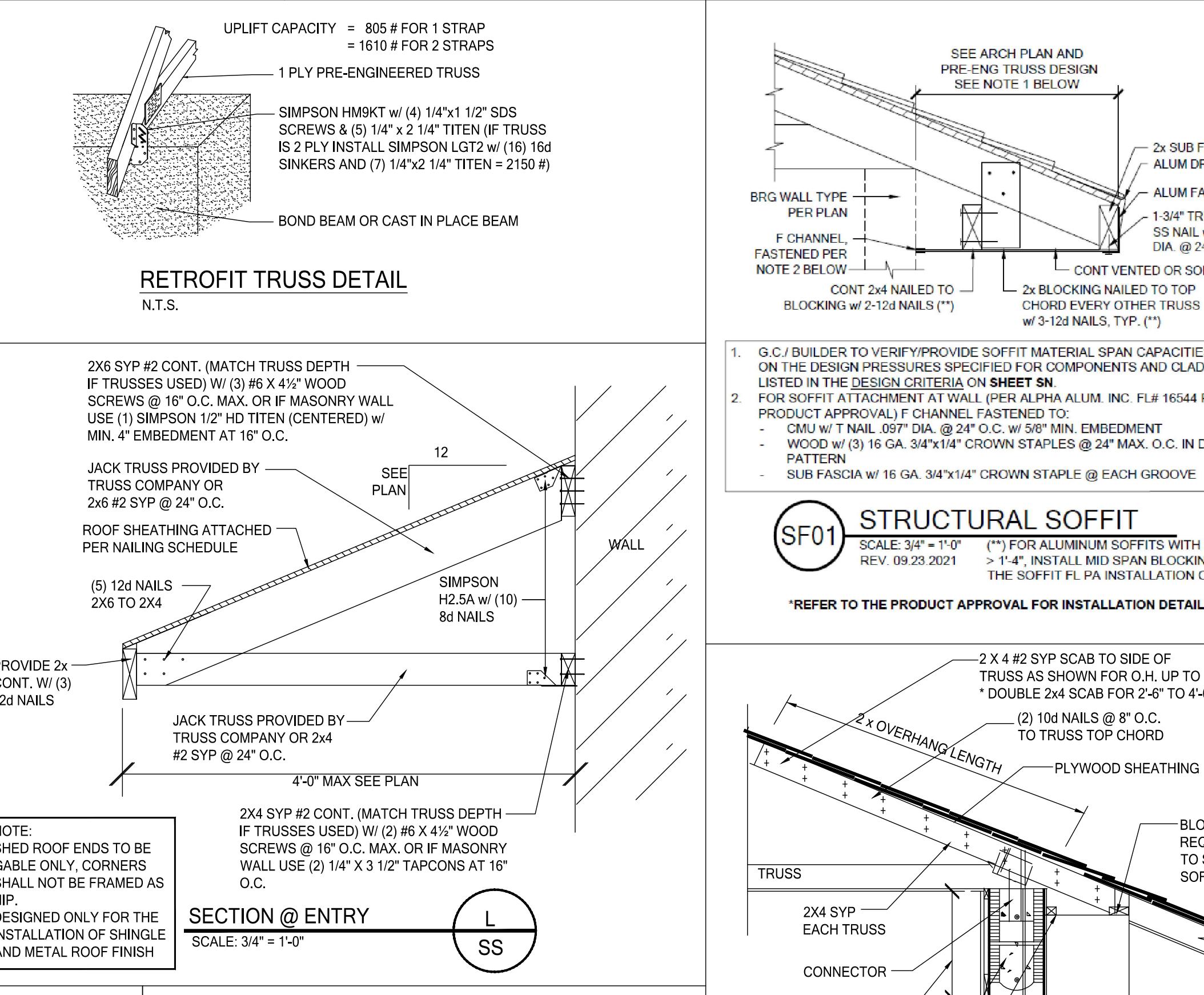
ARCH DETAIL

SCALE: N.T.S.

J
SS

ARCH DETAIL

SCALE: N.T.S.

K
SS

INVENTORY 15188-71-1813

Bryant Sq 40

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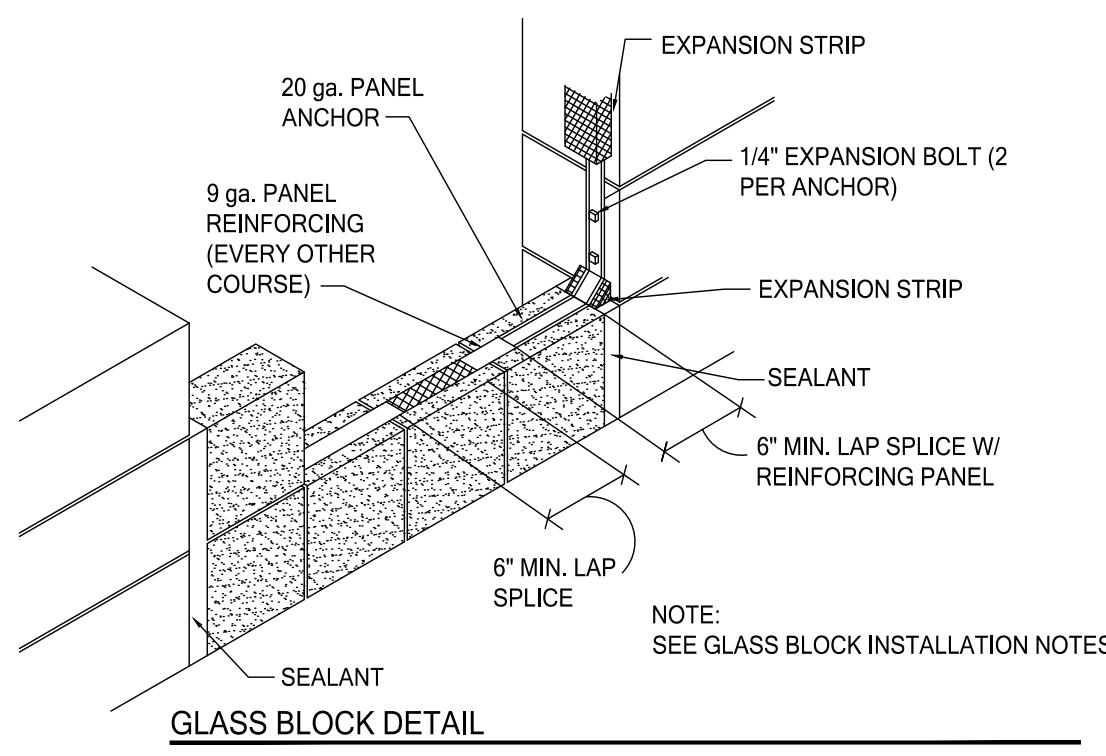
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GLASS BLOCK INSTALLATION NOTES

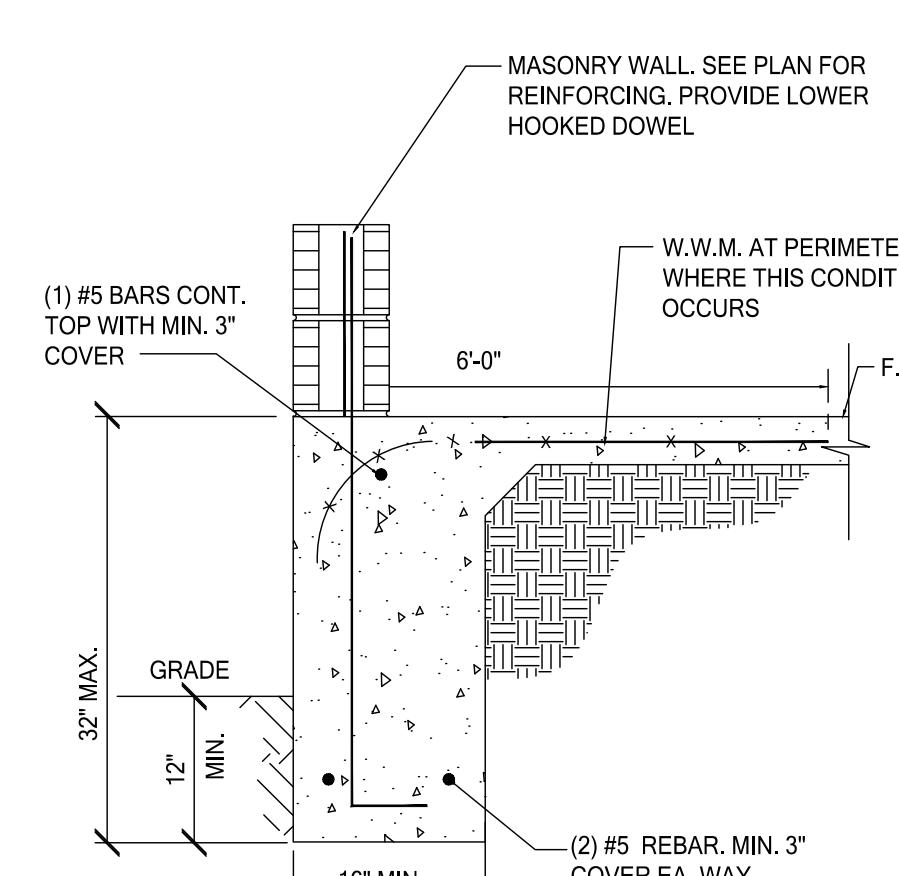
- A) COVER SILL AREA WITH A HEAVY COAT OF ASPHALT EMULSION. ALLOW EMULSION TO DRY AT LEAST 2 HOURS BEFORE PLACING MORTAR.
- B) ADHERE EXPANSION STRIPS TO JAMBS AND HEAD. MAKE CERTAIN EXPANSION STRIP EXTENDS TO SILL.
- C) SET A FULL MORTAR BED JOINT, APPLIED TO SILL.
- D) SET LOWER COURSE OF BLOCK. MAINTAIN A UNIFORM JOINT WIDTH OF 3/8" PLUS OR MINUS 1/8". ALL MORTAR JOINTS MUST BE FULL AND NOT FURROWED. ALL MORTAR SHALL BE TYPE "S" OR "N". STEEL TOOLS MUST NOT BE USED TO FLAT BLOCK INTO POSITION. (PLACE A RUBBER TAP ON END OF TROWEL TO TAP BLOCK INTO POSITION.) DO NOT USE A RUBBER TAP OR OTHER TOOL TO MOVE BLOCK AFTER INTIAL POSITION. FOR SOLID GLASS BLOCK IT MAY BE NECESSARY TO USE WEDGES IN THE MORTAR JOINTS OF THE LOWER COURSES TO PREVENT THE MORTAR FROM BEING "SQUEEZED" OUT.
- E) INSTALL REINFORCING IN EVERY OTHER MORTAR BED HORIZONTALLY AND IN JOINTS IMMEDIATELY ABOVE AND BELOW ALL OPENINGS WITHIN PANELS. (THE SAME SPACING SHALL APPLY TO PANEL ANCHORS WHEN USED AT JAMBS AND HEADS IN LIEU OF CHANNEL OR CHASE SURROUNDS). RUN REINFORCING CONTINUOUSLY FROM END TO END OF PANELS. LAP REINFORCING NOT LESS THAN 6 INCHES WHENEVER IT IS NECESSARY TO USE MORE THAN ONE LENGTH. DO NOT BRIDGE EXPANSION JOINTS WITH REINFORCING. INSTALL REINFORCING AS FOLLOWS:

 - * PLACE LOWER HALF OF MORTAR IN BED JOINT. DO NOT FURROW.
 - * PRESS PANEL REINFORCING INTO PLACE.
 - * COVER PANEL REINFORCING WITH UPPER HALF OF MORTAR BED AND TROWEL SMOOTH. DO NO FURROW.

- F) PLACE FULL MORTAR BED FOR JOINTS NOT REQUIRING PANEL REINFORCING - DO NOT FURROW. MANTAIN UNIFORM JOINT WIDTH.
- G) SET SUCCEEDING COURSE OF BLOCKS. SPACE AT HEAD OF PANEL AND JAMBS MUST REMAIN FREE OF MORTAR.
- H) STRIKE JOINTS SMOOTH WHILE MORTAR IS STILL PLASTIC AND BEFORE FINAL SET. AT THIS TIME RAKE OUT ALL SPACES REQUIRING SEALANT TO A DEPTH EQUAL TO THE WIDTH OF THE SPACES. REMOVE SURPLUS MORTAR FROM FACES OF GLASS BLOCKS AND WIPE DRY. TO ENSURE THAT THERE IS NO CONCAVE SURFACE ON THE MORTAR SIDE (REVERSE MORTAR) WEDGE OUT MORTAR FROM THE JOINTS. DO NOT USE A RUBBER TAP.
- I) AFTER FINAL MORTAR SET (APPROX 24 HOURS), INSTALL PACKING TIGHTLY BETWEEN GLASS BLOCK PANEL AND JAMB AND HEAD CONSTRUCTION. LEAVE SPACE FOR SEALING.
- J) APPLY SEALANT EVENLY TO THE FULL DEPTH OF RECESSES IN ACCORDANCE WITH THE MANUFACTURER'S APPLICATION MANUAL AND INSTRUCTIONS.
- K) A MAXIMUM OF 60 SQUARE FEET OF GLASS BLOCK MAY BE INSTALLED IN ANY OPENING. FOR WIND SPEEDS UP TO 11 MPH*, PER PITTSBURG CORNING RECOMMENDATIONS FOR INSTALLATION OF GLASS BLOCK.

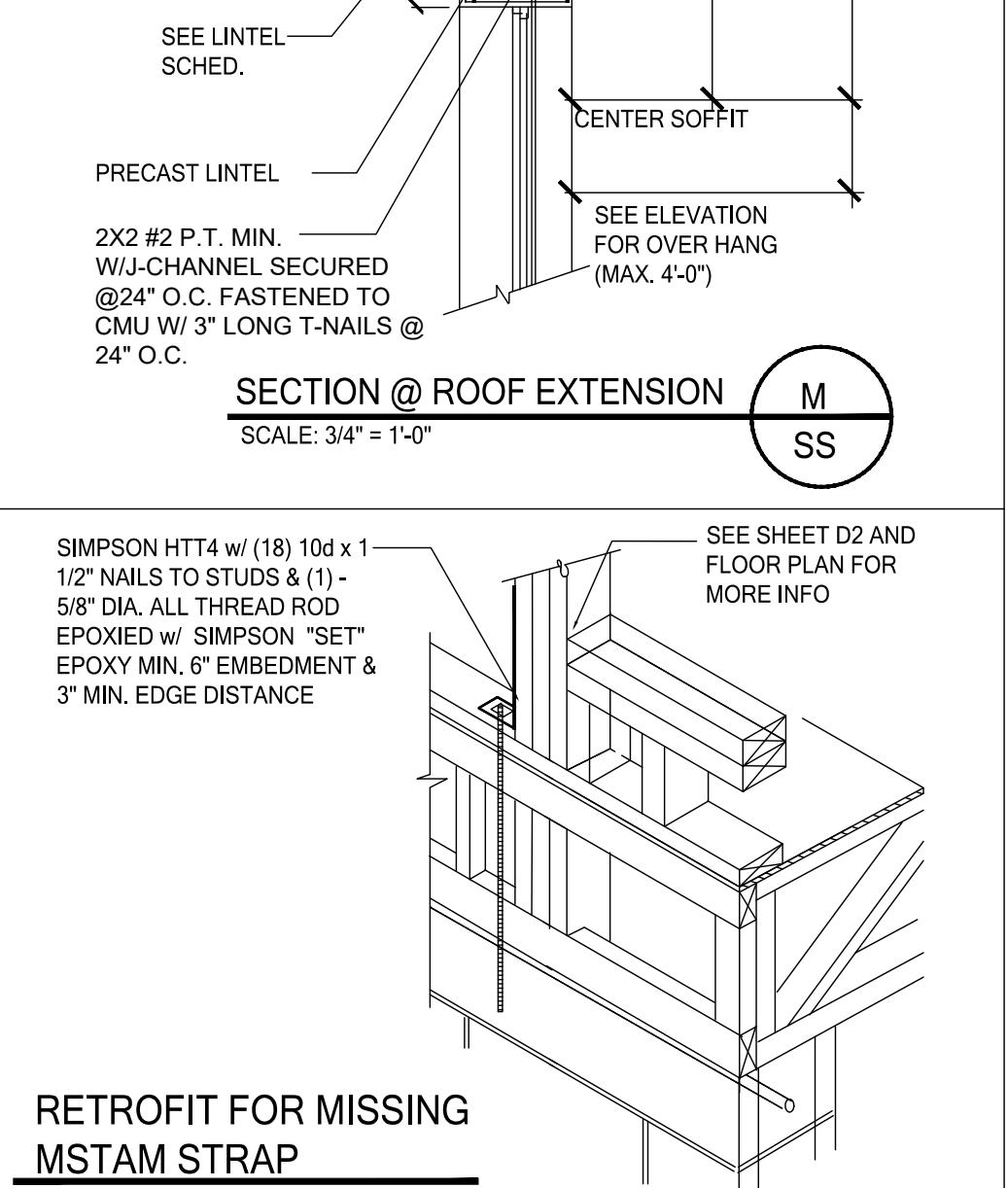


GLASS BLOCK DETAIL



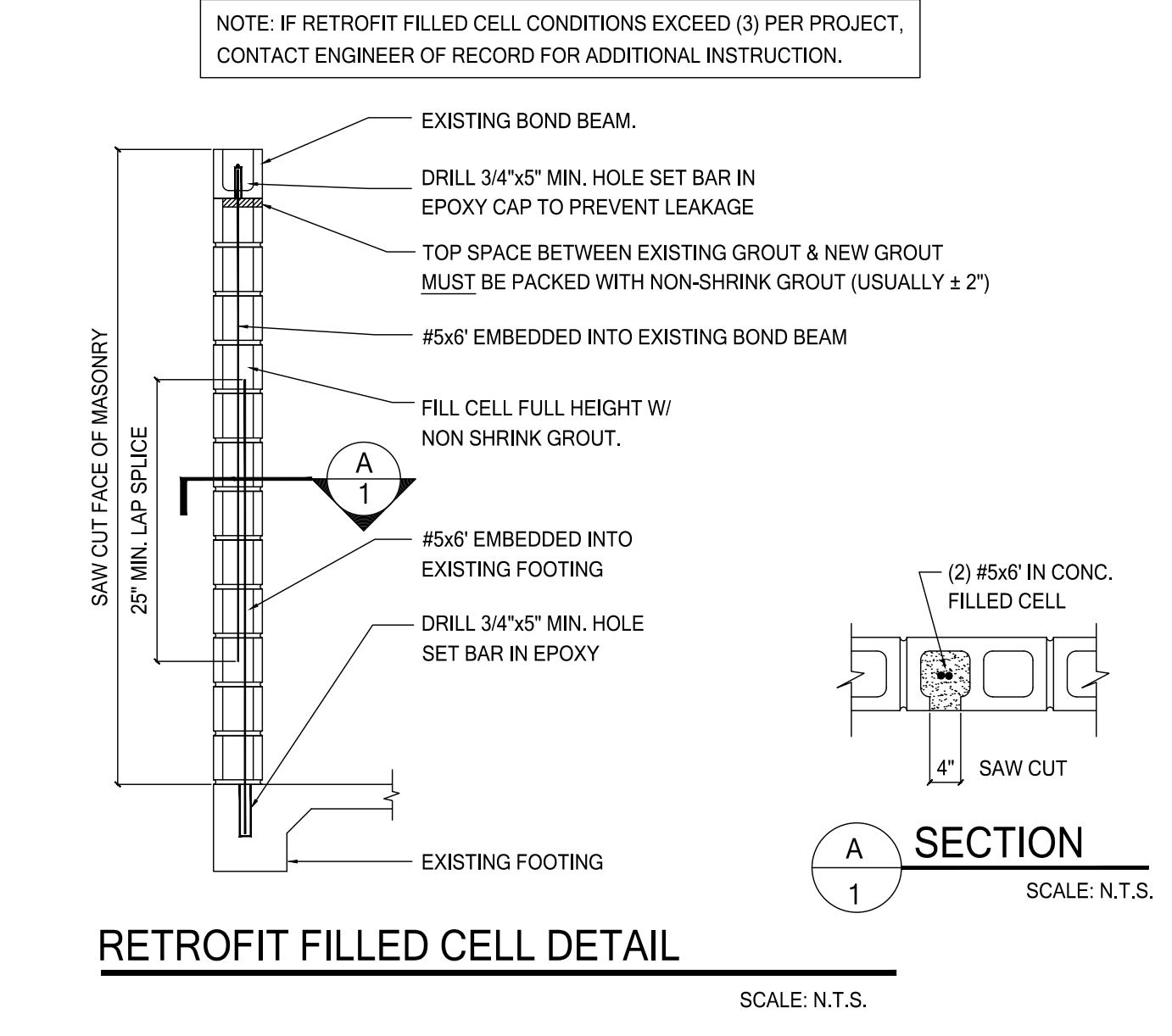
SECTION AT DEEP MONO FOUNDATION

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



RETROFIT FOR MISSING MSTAM STRAP

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



RETROFIT FILLED CELL DETAIL

SCALE: N.T.S.

PLAN NAME

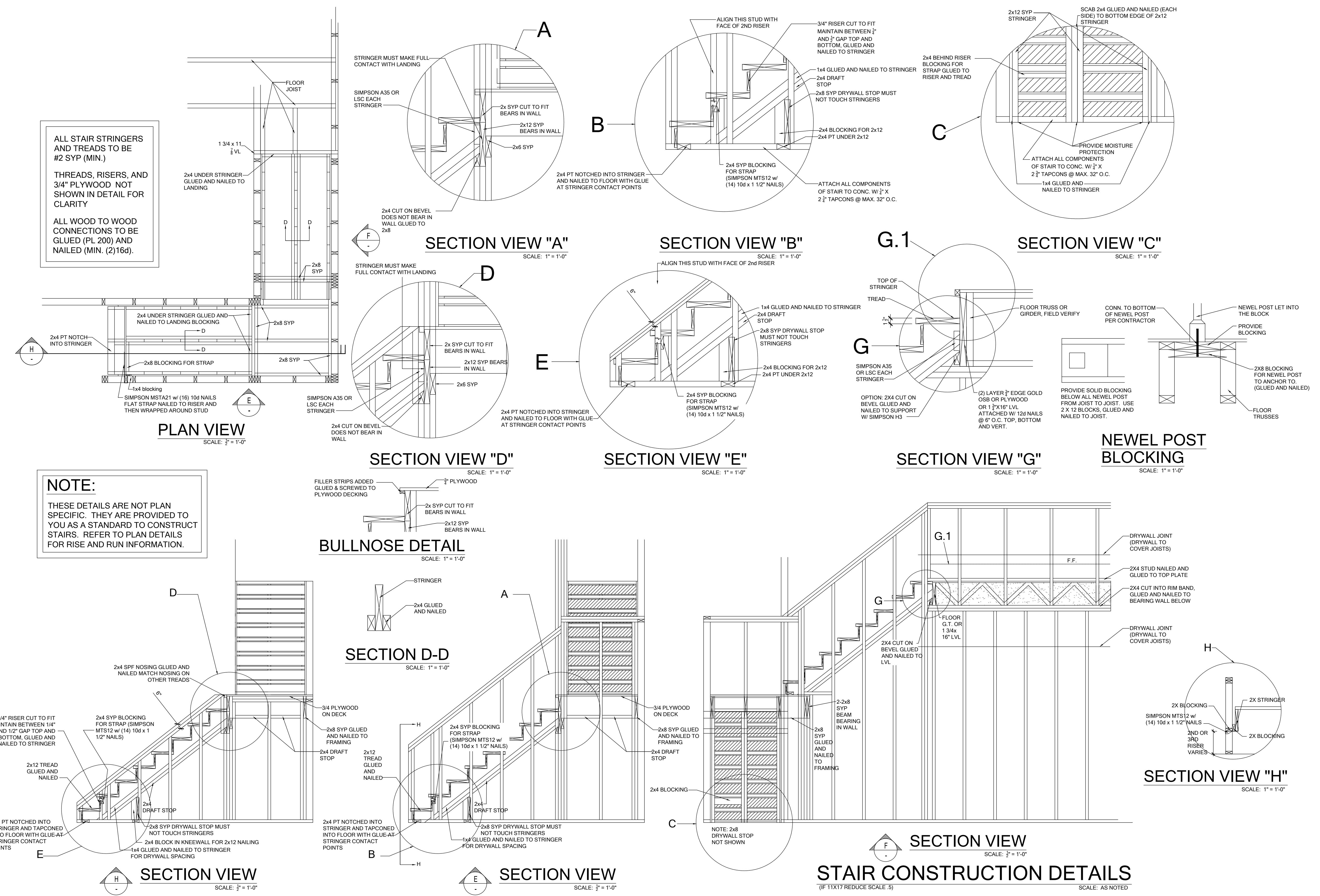
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ENGINEERING

SPECIFICATIONS

PRODUCT DESCRIPTION

HIGH STRENGTH PRECAST CONCRETE LINTELS DESIGNED TO BE UNILLED OR FILLED TO FORM A COMPOSITE REINFORCED BEAM USING CONCRETE MASONRY UNITS.

MATERIALS

- PC 8" PRECAST LINTELS = 3500 PSI
- PC 8" PRESTRESSED, 6" AND 12" PRECAST LINTELS = 6000 PSI
- PC 4" PRECAST LINTELS = 3000 PSI
- GROUT PER ASTM C476 FG = 3000 PSI W/ MAXIMUM 3/8 INCH AGGREGATE AND 8 TO 11 INCH SLUMP.

GENERAL NOTES

- PROVIDE FULL MORTAR HEAD AND BED JOINTS.
- SHORE FIELD LINTELS AS REQUIRED.
- STRUCTURAL USE OF LINTEL MUST COMPLY WITH ARCHITECTURAL AND/OR STRUCTURAL DRAWINGS.
- L-LINTELS ARE MANUFACTURED WITH 5-1/2 INCH LONG NOTCHES AT ENDS TO ACCOMMODATE VERTICAL CELL REINFORCING AND GROUTING.
- ALL LINTELS MEET OR EXCEED L/360 VERTICAL DEFLECTION, EXCEPT LINTELS 17'-4" AND LONGER WITH A NOMINAL HEIGHT OF 8' MEET OR EXCEED L/180.
- BETON FIELD ADDED REBAR TO BE LOCATED AT THE BOTTOM OF LINTEL Gravity.
- 7/32 INCH DIAMETER WIRE STIRRUPS ARE WELDED TO THE BOTTOM STEEL FOR MECHANICAL ANCHORAGE.

SAFE LOAD TABLE NOTES

- ALL VALUES BASED ON MINIMUM 4 INCH NOMINAL BEARING. EXCEPTION: SAFE LOADS FOR UNILLED LINTELS MUST BE REDUCED BY 20% FOR SPANS WHICH IS LESS THAN 6-1/2 INCHES.
- N.R. = NOT RATED.
- SAFE LOADS ARE SUPERIMPOSED ALLOWABLE LOAD.
- SAFE LOADS BASED ON GRADE 40 OR GRADE 60 FIELD REBAR.
- ADDITIONAL LATERAL LOAD CAPACITY CAN BE OBTAINED BY THE DESIGNER BY PROVIDING ADDITIONAL REINFORCED MASONRY ABOVE THE PRECAST LINTEL SEE REINFORCED CMU PAGE 4.
- ONE HOR BAR MAY BE SUBSTITUTED FOR TWO #5 REBARS IN 8"
- THE DESIGNER MAY EVALUATE CONCENTRATED LOADS FROM THE SAFE LOAD TABLES BY CALCULATING THE MAXIMUM RESISTING MOMENT AND SHEAR AT D-AWAY FROM THE FACE OF SUPPORT.

- CONCRETE MASONRY UNITS (CMU) PER ASTM C90 WITH MINIMUM NET AREA COMPRESSIVE STRENGTH = 1900 PSI
- REBAR PER ASTM A615 GRADE 60
- PRESTRESS STRAND PER ASTM A416 GRADE 270 LOW RELAXATION
- 7/32 INCH WIRE PER ASTM A510
- MORTAR PER ASTM C270 TYPE M OR S

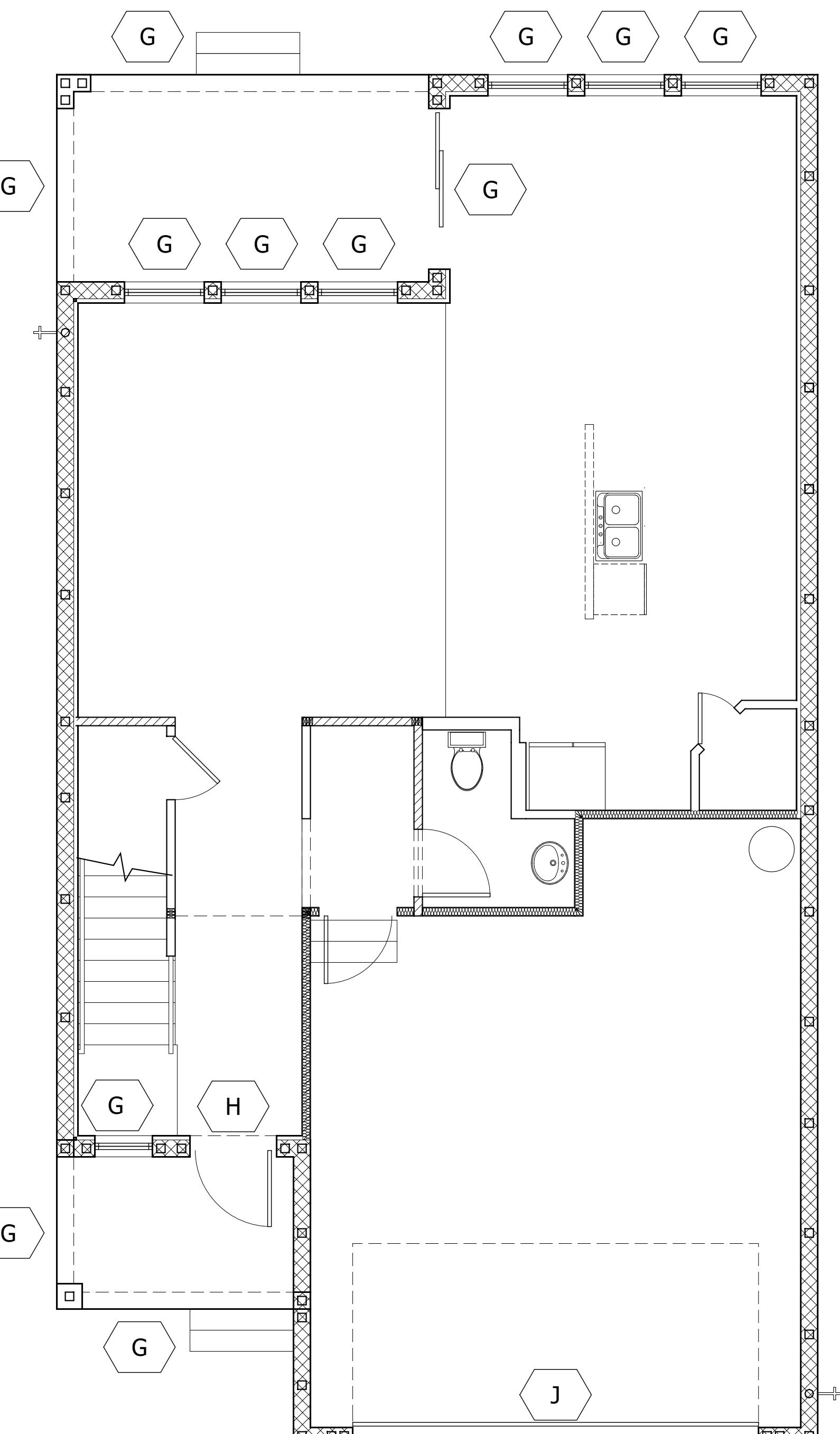
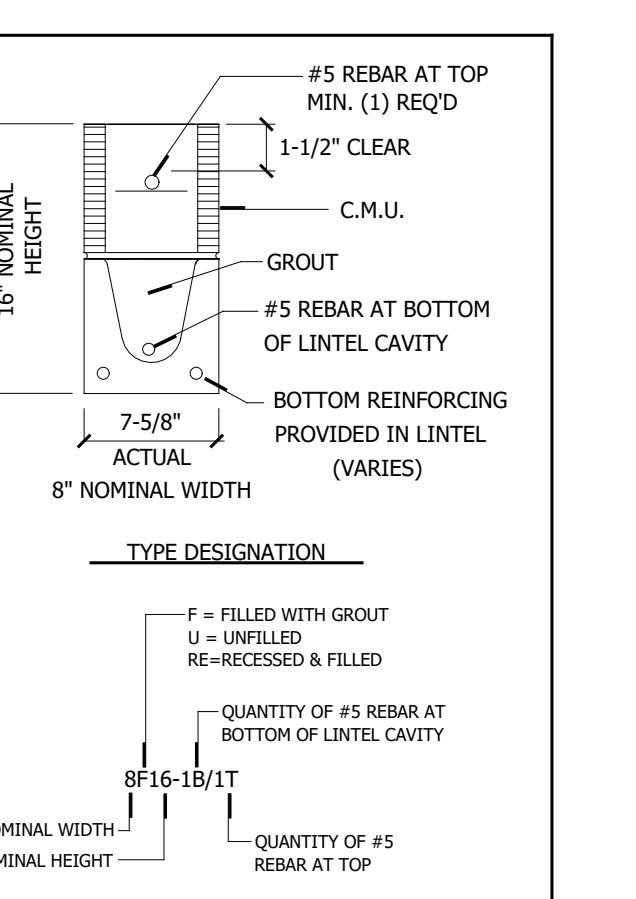
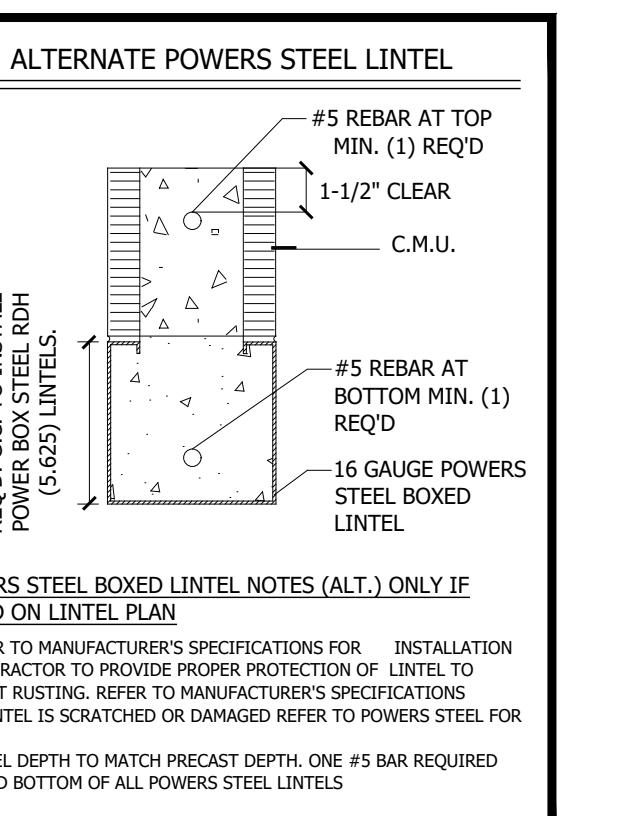
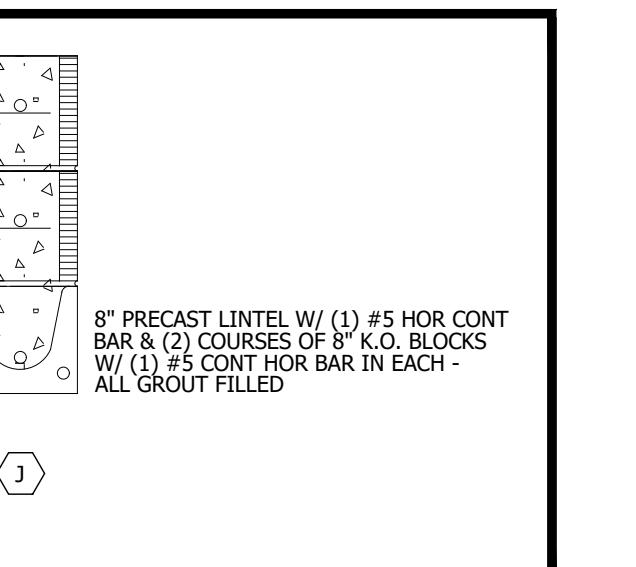
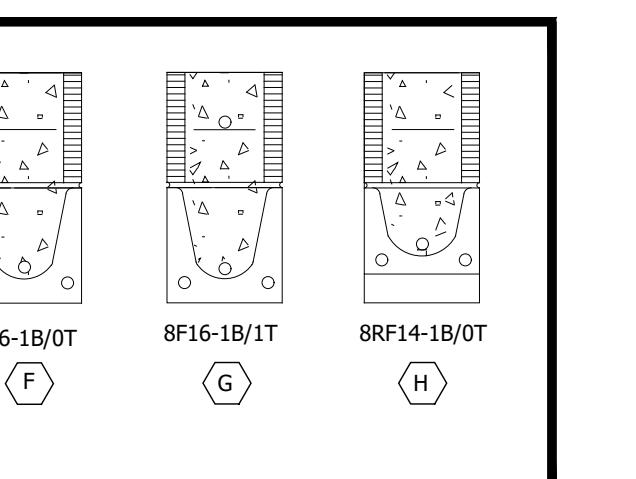
8. CAST-IN-PLACE CONCRETE MAY BE PROVIDED IN COMPOSITE LINTEL IN LIEU OF CONCRETE MASONRY UNITS.
9. D-RAT LOAD RATINGS BASED ON RATIONAL DESIGN ANALYSIS PER ACI 318 AND ACI 531
10. PRODUCT APPROVALS: MIAMI DADE COUNTY, FLORIDA NOS. 03-0605.05 AND 03-0605.04
11. THE EXTERIOR SURFACE OF LINTELS INSTALLED IN EXTERIOR CONCRETE MASONRY WALLS SHALL HAVE A COATING OF STUCCO APPLIED IN ACCORDANCE WITH ASTM C926 OR OTHER APPROVED COATING.
12. LINTEL LOADS SHOULD BE CHECKED WITH VERTICAL (GRAVITY OR UPLIFT) AND HORIZONTAL (LATERAL) LOADS SHOULD BE CHECKED FOR THE COMBINED LOADING WITH THE FOLLOWING EQUATION:

$$\frac{\text{APPLIED VERTICAL LOAD}}{\text{SAFE VERTICAL LOAD}} + \frac{\text{APPLIED HORIZONTAL LOAD}}{\text{SAFE HORIZONTAL LOAD}} \leq 1.0$$

POWER STEEL LINTEL IS AN ADEQUATE SUBSTITUTION AT ALL LOCATIONS UNLESS NOTED OTHERWISE AT OPENING LOCATION

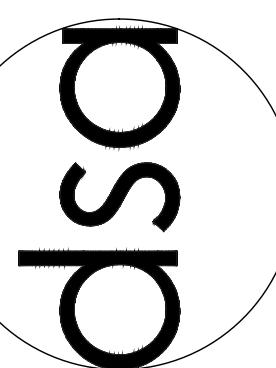
LINTEL SCHEDULE

NOTE:
REFER TO FLOOR PLANS AND EXTERIOR ELEVATIONS FOR OPENING HEAD HEIGHTS



1 UNIT '2342' - 1ST FLOOR PLAN
1/4" = 1'-0"

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SAFE LOAD TABLES

For Gravity, Uplift & Lateral Loads

SAFE GRAVITY LOADS FOR 8" PRECAST & PRESTRESSED U-LINTELS

CAST-CRETE		SAFE LOAD - POUNDS PER LINEAR FOOT					
LENGTH	TYPE	8F8-08	8F12-08	8F16-08	8F24-08	8F28-08	8F32-08
2'-10" (34") PRECAST	2231	3069	4605	6113	7547	8974	10394
3'-6" (42") PRECAST	2231	3069	4605	6113	7547	8974	10394
4'-0" (48") PRECAST	1966	2693	4605	6113	7547	8974	10394
4'-6" (54") PRECAST	1599	2189	4375	6113	7547	8974	10394
5'-4" (64") PRECAST	1217	1349	1438	1999	2560	3024	3594
5'-6" (66") PRECAST	1663	3090	5365	7547	9054	10527	11099
5'-10" (70") PRECAST	1062	1451	2622	4360	7168	10509	13470
6'-6" (78") PRECAST	908	1238	2177	3480	3031	3707	4383
7'-6" (90") PRECAST	743	1011	1729	2632	3205	3698	4185
9'-4" (112") PRECAST	554	699	1160	1625	2564	3486	4705
10'-6" (126") PRECAST	475	752	1245	1843	2564	3486	4705
11'-4" (136") PRECAST	362	582	945	1366	1846	2423	3127
12'-0" (144") PRECAST	337	540	873	1254	1684	2193	2805
13'-4" (160") PRECAST	296	471	755	1075	1428	1838	2316
14'-0" (168") PRECAST	279	424	706	1002	1697	2127	2630
14'-8" (176") PRESTRESSED	N.R.	442	706	1002	1236	1697	2127
15'-4" (184") PRESTRESSED	N.R.	412	710	1250	1733	2058	2320
17'-4" (208") PRESTRESSED	N.R.	300	548	950	1236	1609	1840
19'-4" (232") PRESTRESSED	N.R.	235	420	750	1037	1282	1515
21'-4" (256") PRESTRESSED	N.R.	180	340	590	845	1114	1359
22'-0" (264") PRESTRESSED	N.R.	165	315	550	784	1047	1285
24'-0" (288") PRESTRESSED	N.R.	129	250	450	654	884	1092

* SEE NOTE 18

(*) THE NUMBERS IN PARENTHESIS ARE PERCENT REDUCTIONS FOR GR40 FIELD ADDED REBAR. SEE NOTE NO. 4

* SEE NOTE 18

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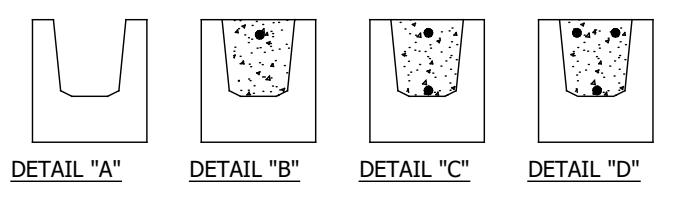
(*) THE NUMBERS IN PARENTHESIS ARE PERCENT REDUCTIONS FOR GR40 FIELD ADDED REBAR. SEE NOTE NO. 4

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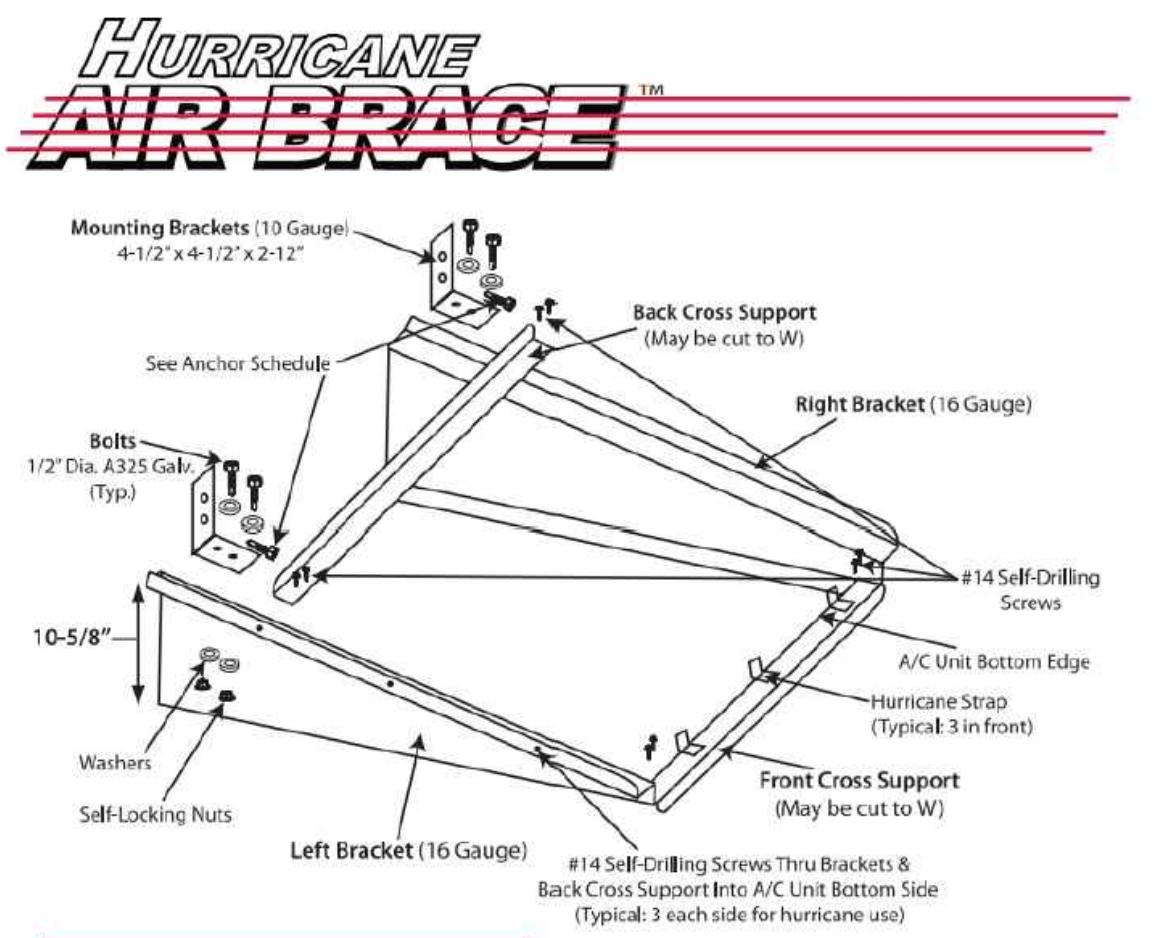
(*) THE NUMBERS IN PARENTHESIS ARE PERCENT REDUCTIONS FOR GR40 FIELD ADDED REBAR. SEE NOTE NO. 4

(*) THE NUM

REINFORCING SCHEDULE & LOAD CAPACITIES SAFE WORKING LOADS (PLF) 8"x 8" LINTELS											
LINTEL LENGTH	CLEAR SPAN	LINTEL TYPE	LINTEL STEEL TOP WIRE / BAR	LINTEL STEEL BOTTOM BAR	UNFILED GRAVITY CAPACITY DETAIL 'A'	GRAVITY CAPACITY [0]#SL [1]#SU [1]#SL [1]#SU [1]#SL [2]#SU [1]#SL [2]#SU DETAIL 'B'	GRAVITY CAPACITY [0]#SL [1]#SU [1]#SL [1]#SU [1]#SL [2]#SU [1]#SL [2]#SU DETAIL 'C'	UPLIFT CAPACITY [0]#SL [1]#SU [1]#SL [1]#SU [1]#SL [2]#SU [1]#SL [2]#SU DETAIL 'B' & 'C'	UPLIFT CAPACITY [0]#SL [1]#SU [1]#SL [1]#SU [1]#SL [2]#SU [1]#SL [2]#SU DETAIL 'D'	UPLIFT CAPACITY [0]#SL [1]#SU [1]#SL [1]#SU [1]#SL [2]#SU [1]#SL [2]#SU DETAIL 'E'	
2'-10"	1'-6"	PRECAST	(2) D4.5 WIRE	(2) No. 3	6740	9462	10000	10000	10000	10000	
3'-6"	2'-2"	PRECAST	(2) D4.5 WIRE	(2) No. 3	2912	5318	5314	5114	5114	5114	
4'-0"	2'-8"	PRECAST	(2) D4.5 WIRE	(2) No. 3	2058	3722	5272	3958	3958	3958	
4'-6"	3'-2"	PRECAST	(2) D4.5 WIRE	(2) No. 3	1566	2659	2772	2659	2659	2659	
4'-8"	3'-4"	PRECAST	(2) D4.5 WIRE	(2) No. 3	1453	2654	2574	2574	2574	2574	
5'-4"	4'-0"	PRECAST	(2) D4.5 WIRE	(2) No. 3	1127	2013	2013	2000	2000	2000	
5'-10"	4'-6"	PRECAST	(2) D4.5 WIRE	(2) No. 3	964	1636	1712	1712	1712	1712	
6'-0"	5'-2"	PRECAST	(2) D4.5 WIRE	(2) No. 4	796	1454	1454	1454	1454	1454	
7'-6"	6'-0"	PRECAST	(2) D4.5 WIRE	(2) No. 4	639	1167	1167	1167	1167	1167	
7'-8"	6'-4"	PRECAST	(2) D4.5 WIRE	(2) No. 4	619	1130	1115	1115	1115	1115	
8'-0"	6'-8"	PRECAST	(2) D4.5 WIRE	(2) No. 4	581	1062	1048	1048	1048	1048	
8'-4"	7'-0"	PRECAST	(2) D4.5 WIRE	(2) No. 4	548	1001	979	979	979	979	
9'-4"	8'-0"	PRECAST	(2) D4.5 WIRE	(2) No. 4	467	853	759	840	840	840	
10'-0"	9'-2"	PRECAST	(2) D4.5 WIRE	(2) No. 4	398	727	593	593	593	593	
11'-4"	10'-0"	PRECAST	(2) No. 3	(2) No. 5	355	449	449	449	449	449	
12'-0"	10'-8"	PRECAST	(2) No. 3	(2) No. 5	329	602	602	430	430	402	
12'-2"	11'-2"	PRECAST	(2) No. 3	(2) No. 5	312	570	570	391	391	570	
13'-0"	12'-0"	PRECAST	(2) No. 3	(2) No. 5	287	525	525	337	337	525	
14'-0"	12'-8"	PRECAST	(2) No. 3	(2) No. 5	270	449	449	286	286	451	
14'-4"	13'-4"	PRESTRESSED	(2) No. 3	(2) 7/16 strand + N.R.	522	522	360	499	499	499	
15'-4"	14'-0"	PRESTRESSED	(2) No. 3	(2) 7/16 strand + N.R.	473	473	328	455	455	455	
17'-4"	16'-0"	PRESTRESSED	(2) No. 3	(2) 7/16 strand + N.R.	357	357	254	352	352	352	
19'-4"	18'-0"	PRESTRESSED	(2) No. 3	(2) 7/16 strand + N.R.	277	277	202	281	281	281	
20'-0"	18'-8"	PRESTRESSED	(2) No. 3	(2) 7/16 strand + N.R.	256	256	188	262	262	262	
21'-4"	20'-0"	PRESTRESSED	(2) No. 3	(2) 7/16 strand + N.R.	219	219	165	229	229	229	
22'-0"	20'-8"	PRESTRESSED	(2) No. 3	(2) 7/16 strand + N.R.	203	203	155	215	215	215	
24'-0"	22'-8"	PRESTRESSED	(2) No. 3	(2) 7/16 strand + N.R.	164	164	124	179	179	179	



REINFORCING SCHEDULE & LOAD CAPACITIES SAFE WORKING LOADS (PLF) 8"x 12" COMPOSITE LINTELS											
LINTEL LENGTH	CLEAR SPAN	LINTEL TYPE	LINTEL STEEL TOP WIRE / BAR	LINTEL STEEL BOTTOM BAR	GRAVITY CAPACITY [0]#SL [1]#SU [1]#SL [1]#SU [1]#SL [2]#SU [1]#SL [2]#SU DETAIL 'A'	GRAVITY CAPACITY [0]#SL [1]#SU [1]#SL [1]#SU [1]#SL [2]#SU [1]#SL [2]#SU DETAIL 'B'	GRAVITY CAPACITY [0]#SL [1]#SU [1]#SL [1]#SU [1]#SL [2]#SU [1]#SL [2]#SU DETAIL 'C'	UPLIFT CAPACITY [0]#SL [1]#SU [1]#SL [1]#SU [1]#SL [2]#SU [1]#SL [2]#SU DETAIL 'B' & 'C'	UPLIFT CAPACITY [0]#SL [1]#SU [1]#SL [1]#SU [1]#SL [2]#SU [1]#SL [2]#SU DETAIL 'D'	UPLIFT CAPACITY [0]#SL [1]#SU [1]#SL [1]#SU [1]#SL [2]#SU [1]#SL [2]#SU DETAIL 'E'	
2'-10"	1'-6"	PRECAST	(2) D4.5 WIRE	(2) No. 3	9462	10000	10000	10000	10000	10000	
3'-6"	2'-2"	PRECAST	(2) D4.5 WIRE	(2) No. 3	2912	5318	5114	5114	5114	5114	
4'-0"	2'-8"	PRECAST	(2) D4.5 WIRE	(2) No. 3	2058	3722	5272	3958	3958	3958	
4'-6"	3'-2"	PRECAST	(2) D4.5 WIRE	(2) No. 3	1566	2659	2772	2659	2659	2659	
4'-8"	3'-4"	PRECAST	(2) D4.5 WIRE	(2) No. 3	1453	2654	2574	2574	2574	2574	
5'-4"	4'-0"	PRECAST	(2) D4.5 WIRE	(2) No. 3	1127	2013	2013	2000	2000	2000	
5'-10"	4'-6"	PRECAST	(2) D4.5 WIRE	(2) No. 3	964	1636	1712	1712	1712	1712	
6'-0"	5'-2"	PRECAST	(2) D4.5 WIRE	(2) No. 4	796	1454	1454	1454	1454	1454	
7'-6"	6'-0"	PRECAST	(2) D4.5 WIRE	(2) No. 4	639	1167	1167	1167	1167	1167	
7'-8"	6'-4"	PRECAST	(2) D4.5 WIRE	(2) No. 4	619	1130	1115	1115	1115	1115	
8'-0"	6'-8"	PRECAST	(2) D4.5 WIRE	(2) No. 4	581	1062	1048	1048	1048	1048	
8'-4"	7'-0"	PRECAST	(2) D4.5 WIRE	(2) No. 4	548	1001	979	979	979	979	
9'-4"	8'-0"	PRECAST	(2) D4.5 WIRE	(2) No. 4	467	853	759	840	840	840	
10'-0"	9'-2"	PRECAST	(2) D4.5 WIRE	(2) No. 4	398	727	593	593	593	593	
11'-4"	10'-0"	PRECAST	(2) No. 3	(2) No. 5	355	449	449	449	449	449	
12'-0"	11'-2"	PRECAST	(2) No. 3	(2) No. 5	329	602	602	430	430	402	
13'-4"	12'-0"	PRECAST	(2) No. 3	(2) No. 5	312	570	570	391	391	570	
14'-0"	12'-8"	PRECAST	(2) No. 3	(2) No. 5	287	525	525	337	337	525	
14'-4"	13'-4"	PRESTRESSED	(2) No. 3	(2) 7/16 strand + N.R.	522	522	360	499	499	499	
15'-4"	14'-0"	PRESTRESSED	(2) No. 3	(2) 7/16 strand + N.R.	473	473	328	455	455	455	
17'-4"	16'-0"	PRESTRESSED	(2) No. 3	(2) 7/16 strand + N.R.	357	357	254	352	352	352	
19'-4"	18'-0"	PRESTRESSED	(2) No. 3	(2) 7/16 strand + N.R.	277	277	202	281	281	281	
20'-0"	18'-8"	PRESTRESSED	(2) No. 3	(2) 7/16 strand + N.R.	256	256	188	262	262	262	
21'-4"	20'-0"	PRESTRESSED	(2) No. 3	(2) 7/16 strand + N.R.	203	203	155	215	215	215	
22'-0"	20'-8"	PRESTRESSED	(2) No. 3	(2) 7/16 strand + N.R.	164	164	124	1			



PRODUCT APPROVAL SPECIFICATION SHEET (2022)

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)	Test Pressures	Exp. Date
1. EXTERIOR DOORS					
A. SWINGING	ThemaTru	Fiber-Classic and Smooth-Star (NON-IMPACT)	FL20461.1	+67.0/-67.0 psf	12/31/2022
	ThemaTru	Fiber-Classic and Smooth-Star (IMPACT)	FL20468	+67.0/-67.0 psf	12/31/2022
	ThemaTru	Fiber-Classic and Smooth-Star (IMPACT)	FL20470	+80.0/-80.0 psf	12/31/2022
B. SLIDING	MI Windows and Doors	Series 420	FL15332.1 - FL15332.5	+40.0/-40.0 psf	12/31/2024
	PGT	Series 5570	NOA 21-0205.03	+38.7/-38.7 psf	4/14/2026
C. SECTIONAL	Wayne-Dalton	Series 8000/8100/8200 #1105 (8X7)	FL8248.3	+31.0/-35.0 psf	12/31/2023
	Wayne-Dalton	Series 8000/8100/8200 #1123 (16X7)	FL8248.10	+30.0/-33.5 psf	12/31/2023
	Wayne-Dalton	Series 8000/8100/8200 #1124 (16X7)	FL8248.11	+34.4/-38.3 psf	12/31/2023
D. METAL LOUVERED DRS	Curries Division of AADG, Inc.	607.707.727.747, and 847 Single & Pairs of Doors	FL11537.1	N/A (see inst shrt)	12/31/2025

INSTALLATION INFORMATION

Specific installation instructions are provided with each Hurricane Air Brace. Engineered Seal Drawing available upon request (additional fee will apply).

Florida Department of Business & Professional Regulation Building Codes and Standards

Product Approval Application Detail

Page 1 of 1
12/19/2021

Code Version	Manufacturer	Contact	Editor or Engineer & License	Product Description	Approval Number(s)	Test Pressures	Exp. Date		
2020	Delta Metal Products, Inc.	Contact: Michael Jackson (317) 441-3366 info@delta-metal.com	Editor: Herman F. P.E. (704) 291-1960	Validation No.: Locke Bender, P.E. (803) 493-7626	Date Validated: 12/19/2020	Date Submitted: 12/19/2020	Date Pending: 12/19/2020	Date Approved: 12/19/2020	Status: Approved
	Category: Structural Components								
	SubCategory: Products introduced as a Result of New Product Development								
	Compliance Method: Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer								
FL162242 Products	Prod. Model. Number or Name	Project Description	Quality Assurance Contract Evaluation Date	Approved for Use in IVOZ	Approved for Use Outside IVOZ	Impact Resistant	Design Pressure		
1	Shower Vent Model #1540-5110	Dear Friend Fixed and Ventilation Vent	12/01/2021	Yes	No	N/A	+100/-100		
2	Shower Vent Model #1540-5120	Dear Friend Hinged Vent	12/01/2021	Yes	Yes	N/A	+100/-100		
3	Shower Vent Model #1540-5210	Indirect Vent	12/01/2021	Yes	Yes	N/A	+100/-100		
4	Shower Vent Model #1540-5220	Indirect Vent	12/01/2021	Yes	Yes	N/A	+100/-100		
5	Shower Vent Model #1540-5230	Vertical Garage Door Vent	12/01/2021	Yes	Yes	N/A	+100/-100		
6	Shower Vent Model #1540-5240	Vertical Wall Installed Vent	12/01/2021	Yes	Yes	N/A	+100/-100		
7	Shower Vent Model #1540-5250	Vertical Wall Installed Vent	12/01/2021	Yes	Yes	N/A	+100/-100		
Florida Department of Business & Professional Regulation Building Codes and Standards	Product Approval Application Detail	Page 1 of 1 12/19/2021							
FL162243 Products	Prod. Model. Number or Name	Project Description	Quality Assurance Contract Evaluation Date	Approved for Use in IVOZ	Approved for Use Outside IVOZ	Impact Resistant	Design Pressure		
1	Dresser Metal, Inc.	Contact: Jason Brumate (302) 365-1511 jbrumate@dressermetal.com	Editor or Engineer & License: Zachary R. Fried PE (334) 360-1800	Validation No.: Locke Bender, P.E. (334) 360-1800	Date Validated: 12/01/2020	Date Submitted: 12/01/2020	Date Pending: 12/01/2020	Date Approved: 12/01/2020	Status: Approved
	Category: Roofing								
	SubCategory: Products introduced as a Result of New Product Development								
	Compliance Method: Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer								
FL162243 Products	Prod. Model. Number or Name	Product Description	Quality Assurance Contract Evaluation Date	Approved for Use in IVOZ	Approved for Use Outside IVOZ	Impact Resistant	Design Pressure		
1	Dresser Metal Roofing Systems	DMC 100NS, DMC 150SS, DMC 175S, DMC 200S, DMC 5V	12/01/2025	Yes	No	N/A	+100/-100		
Florida Department of Business & Professional Regulation Building Codes and Standards	Product Approval Application Detail	Page 2 of 4 12/05/2021							
FL162468 Products	Prod. Model. Number or Name	Product Description	Quality Assurance Contract Evaluation Date	Approved for Use in IVOZ	Approved for Use Outside IVOZ	Impact Resistant	Design Pressure		
1	ThemaTru Corporation	Contact: Steve Jameson (803) 493-7626 sjameson@thermatru.com	Editor or Engineer & License: Lyndon P. Schmitt, P.E. (803) 493-7626	Validation No.: Ryan J. King, P.E. (813) 767-6656	Date Validated: 12/01/2021	Date Submitted: 12/01/2021	Date Pending: 04/01/2022	Date Approved: 04/01/2022	Status: Approved
	Category: Exterior Doors								
	SubCategory: Bringing Exterior Door Assemblies into Conformance with Florida Building Codes and Standards								
	Compliance Method: Certification Mark or Listing								
	Professional Engineer:								
FL162468 Products	Prod. Model. Number or Name	Product Description	Quality Assurance Contract Evaluation Date	Approved for Use in IVOZ	Approved for Use Outside IVOZ	Impact Resistant	Design Pressure		
1	ThemaTru Fiber-Classic and Smooth-Star	Nominal 84.00" X 84.00" Impact-Resistant, Glazed Composite Edge Fiberglass Single Door (Inswing/Outswing, X0, OX or OXO configurations)	12/01/2022	No	Yes	Yes	N/A		
2	b. ThemaTru Fiber-Classic and Smooth-Star	Nominal 84.00" X 84.00" Impact-Resistant, Glazed Composite Edge Fiberglass Single Door (Inswing/Outswing, X0, OX or OXO configurations)	12/01/2022	No	Yes	Yes	N/A		
3	c. ThemaTru Fiber-Classic and Smooth-Star	Nominal 84.00" X 84.00" Impact-Resistant, Glazed Composite Edge Fiberglass Single Door (Inswing/Outswing, X0, OX or OXO configurations)	12/01/2022	No	Yes	Yes	N/A		
4	d. ThemaTru Fiber-Classic and Smooth-Star	Nominal 84.00" X 84.00" Impact-Resistant, Glazed Composite Edge Fiberglass Single Door (Inswing/Outswing, X0, OX or OXO configurations)	12/01/2022	No	Yes	Yes	N/A		
5	e. ThemaTru Fiber-Classic and Smooth-Star	Nominal 84.00" X 84.00" Impact-Resistant, Glazed Composite Edge Fiberglass Single Door (Inswing/Outswing, X0, OX or OXO configurations)	12/01/2022	No	Yes	Yes	N/A		
6	f. ThemaTru Fiber-Classic and Smooth-Star	Nominal 84.00" X 84.00" Impact-Resistant, Glazed Composite Edge Fiberglass Single Door (Inswing/Outswing, X0, OX or OXO configurations)	12/01/2022	No	Yes	Yes	N/A		
7	g. ThemaTru Fiber-Classic and Smooth-Star	Nominal 84.00" X 84.00" Impact-Resistant, Glazed Composite Edge Fiberglass Single Door (Inswing/Outswing, X0, OX or OXO configurations)	12/01/2022	No	Yes	Yes	N/A		
8	h. ThemaTru Fiber-Classic and Smooth-Star	Nominal 84.00" X 84.00" Impact-Resistant, Glazed Composite Edge Fiberglass Single Door (Inswing/Outswing, X0, OX or OXO configurations)	12/01/2022	No	Yes	Yes	N/A		
9	i. ThemaTru Fiber-Classic and Smooth-Star	Nominal 84.00" X 84.00" Impact-Resistant, Glazed Composite Edge Fiberglass Single Door (Inswing/Outswing, X0, OX or OXO configurations)	12/01/2022	No	Yes	Yes	N/A		
10	j. ThemaTru Fiber-Classic and Smooth-Star	Nominal 84.00" X 84.00" Impact-Resistant, Glazed Composite Edge Fiberglass Single Door (Inswing/Outswing, X0, OX or OXO configurations)	12/01/2022	No	Yes	Yes	N/A		
11	k. ThemaTru Fiber-Classic and Smooth-Star	Nominal 84.00" X 84.00" Impact-Resistant, Glazed Composite Edge Fiberglass Single Door (Inswing/Outswing, X0, OX or OXO configurations)	12/01/2022	No	Yes	Yes	N/A		
12	l. ThemaTru Fiber-Classic and Smooth-Star	Nominal 84.00" X 84.00" Impact-Resistant, Glazed Composite Edge Fiberglass Double Door (Inswing/Outswing, X0, OX or OXO configurations)	12/01/2022	No	Yes	Yes	N/A		
13	m. ThemaTru Fiber-Classic and Smooth-Star	Open Composite Edge Fiberglass Single Door (Inswing/Outswing, X0, OX or OXO configurations)	12/01/2022	No	Yes	Yes	N/A		
14	n. ThemaTru Fiber-Classic and Smooth-Star	Open Composite Edge Fiberglass Single Door (Inswing/Outswing, X0, OX or OXO configurations)	12/01/2022	No	Yes	Yes	N/A		
15	o. ThemaTru Fiber-Classic and Smooth-Star	Open Composite Edge Fiberglass Single Door (Inswing/Outswing, X0, OX or OXO configurations)	12/01/2022	No	Yes	Yes	N/A		
16	p. ThemaTru Fiber-Classic and Smooth-Star	Open Composite Edge Fiberglass Double Door (Inswing/Outswing, X0, OX or OXO configurations)	12/01/2022	No	Yes	Yes	N/A		
17	q. ThemaTru Fiber-Classic and Smooth-Star	Nominal 84.00" X 84.00" Impact-Resistant, Glazed Composite Edge Fiberglass Double Door (Inswing/Outswing, X0, OX or OXO configurations)	12/01/2022	No	Yes	Yes	N/A		
Florida Department of Business & Professional Regulation Building Codes and Standards	Product Approval Application Detail	Page 1 of 1 12/05/2021							
FL162471 Products	Prod. Model. Number or Name	Product Description	Quality Assurance Contract Evaluation Date	Approved for Use in IVOZ	Approved for Use Outside IVOZ	Impact Resistant	Design Pressure		
1	Ventilair Glass	Ventilair Glass	04/04/2021	Yes	Yes	Yes	N/A		
Florida Department of Business & Professional Regulation Building Codes and Standards	Product Approval Application Detail	Page 1 of 1 12/05/2021							
APPLICANT SIGNATURE	DATE								

March 15, 2022

Florida Department of Business & Professional Regulation Building Codes and Standards

Product Approval Application Detail

Page 1 of 2
10/05/2022

Product Approval Application Detail

Approved By: Ryan J. King, P.E. (813) 767-6656

Date Validated: 07/12/2022

Date Submitted: 07/12/2022

Date Pending: 07/12/2022

Date Approved: 07/12/2022

Status: Approved

Code Version	Manufacturer	Contact	Editor or Engineer & License	Product Description	Quality Assurance Contract Evaluation Date	Approved for Use in IVOZ	Approved for Use Outside IVOZ	Impact Resistant	Design Pressure
Revision: 2020	ThemaTru Corporation	Contact: Steve Jameson (803) 493-7626 sjameson@thermatru.com	Editor: Lyndon P. Schmitt, P.E. (803) 493-7626	Product Description: ThemaTru Fiber-Classic and Smooth-Star	12/01/2022	Yes	Yes	Yes	N/A
	ThemaTru Corporation	Contact: Steve Jameson (803) 493-7626 sjameson@thermatru.com	Editor: Lyndon P. Schmitt, P.E. (803) 493-7626	Product Description: ThemaTru Fiber-Classic and Smooth-Star	12/01/2022	Yes	Yes	Yes	N/A
	ThemaTru Corporation	Contact: Steve Jameson (803) 493-7626 sjameson@thermatru.com	Editor: Lyndon P. Schmitt, P.E. (

Product Approval Numbers

Lennar TPA Base Product Approval Sheet

This is a non engineered sheet based on product approval information located on the State of Florida's Product Approval web site.

LENNAR

Product Approval Numbers

PLAN NAME
Lennar TPA Base Product Approval Sheet

SHEET NO.
PA 1.3

This is a non engineered sheet based on product approval information located on the State of Florida's Product Approval web site.



MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

PGT Industries, Inc.
1070 Technology Drive,
North Venice, FL 34275

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "5570-2770" Vinyl Sliding Glass Door (Reinforced) w/o 90° & 135° corners-L.M.I.

APPROVAL DOCUMENT: Drawing No. MD-5570.0 Rev B, titled "Vinyl Sliding Glass Door NOA (LM)", sheets 1 through 21, prepared by manufacturer, dated 10/05/15 and last revised on 02/01/21, signed and sealed by A. Lynn Miller, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

Limitations:

1. See table 1 (sheet 7) and table 2 (sheet 8) for applicable SGD unit sizes, design pressures, reinforcements types, glass types, sill sizes (see table B-1 & B-2, sheets 7-8) and anchor layout sheets requirements in 11 thru 16.

2. Rigid White PVC, Tan (Non-white) Rigid PVC and Brown coated (Painted or laminated) white Rigid PVC to be labeled per referenced NOA's requirements.

3. Egress operable doors must comply with min clear width or height per FBC requirement, as applicable.

4. Pocket walls under separate approval, to be reviewed by Building official

LABELING: Each unit shall be a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", noted herein.

RENEWAL: Of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION: Of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributor and shall be available for inspection at the job site at the request of the Building Official.

This NOA revives & renews NOA #20-0429.05 and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4, E-5 & E-6 as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.

MIAMI-DADE COUNTY
APPROVED

Ishaq I. Chanda

NOA No. 21-0205.03
Expiration Date: April 14, 2026
Approval Date: March 25, 2021
Page 1

PGT Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous NOA

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 11-0107.04)
2. Drawing No. MD-5570.0, titled "Vinyl Sliding Glass Door NOA (LM)", sheets 1 through 21 of 21, prepared by manufacturer, dated 10/05/15, with revision A dated 04/17/15, signed and sealed by A. Lynn Miller, P.E.

B. TESTS

1. Test report on 1) Uniform Static Air Pressure Test, per FBC, TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
- along with marked-up drawings and installation diagram of vinyl sliding glass door, prepared by Fenestration Testing Lab, Inc., Test Report No. FTL 8717, dated 12/07/15, signed and sealed by Idalmis Ortega, P.E. (Test report revised on 02/15/16 and 02/24/16)
2. Test report on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
- along with marked-up drawings and installation diagram of vinyl sliding glass door, prepared by Fenestration Testing Lab, Inc., Test Report No. FTL 8547, dated 12/04/15, signed and sealed by Idalmis Ortega, P.E. (Test report revised on 01/04/16 and 02/11/2016)
3. Test report on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
- along with marked-up drawings and installation diagram of vinyl sliding glass door, prepared by Fenestration Testing Lab, Inc., Test Report No. FTL 8546, dated 11/06/15, signed and sealed by Idalmis Ortega, P.E. (Test report revised on 01/04/16 and 02/11/2016)
4. Test report on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
- along with marked-up drawings and installation diagram of vinyl sliding glass door, prepared by Fenestration Testing Lab, Inc., Test Report No. FTL 8545, dated 12/04/15, signed and sealed by Idalmis Ortega, P.E. (Test report revised on 02/15/16)
5. Test report on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
- along with marked-up drawings and installation diagram of vinyl sliding glass door, prepared by Fenestration Testing Lab, Inc., Test Report No. FTL 8544, dated 12/04/15, signed and sealed by Idalmis Ortega, P.E. (Test report revised on 02/15/16)
6. Test report on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
- along with marked-up drawings and installation diagram of vinyl sliding glass door, prepared by Fenestration Testing Lab, Inc., Test Report No. FTL 8543 (samples A-1 thru A-22), dated 11/19/10, signed and sealed by Jorge A. Causo, P.E. (Submitted under NOA No. 11-0107.04)
7. Test report on 1) Uniform Static Air Pressure Test, per FBC, TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
- along with marked-up drawings and installation diagram of vinyl sliding glass door, prepared by Fenestration Testing Lab, Inc., Test Report No. FTL 6337 (samples A-1 thru A-22), dated 12/06/10, signed and sealed by Jorge A. Causo, P.E. (Submitted under NOA No. 11-0107.09)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2014, prepared by PGT, dated 12/09/15 and last revised on 02/15/16, signed and sealed by Anthony L. Miller, P.E. (Submitted under NOA No. 15-1210.01)
2. Glazing complies with ASTME-1300-09.

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 21-0205.03
Expiration Date: April 14, 2026
Approval Date: March 25, 2021

E-1

PGT Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS (continued)

5. Test report on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6. Forced Entry Test, per FBC, TAS 202-94

along with marked-up drawings and installation diagram of vinyl sliding glass door, prepared by Fenestration Testing Lab, Inc., Test Report No. FTL 8549, dated 11/06/15, signed and sealed by Idalmis Ortega, P.E. (Test report revised on 02/11/16)

6. Test report on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94

- 4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94

- 6) Forced Entry Test, per FBC, TAS 202-94

along with marked-up drawings and installation diagram of vinyl sliding glass door, prepared by Fenestration Testing Lab, Inc., Test Report No. FTL 8548, dated 12/04/15, signed and sealed by Idalmis Ortega, P.E. (Test report revised on 01/04/16 and 02/11/16)

7. Test report on 1) Uniform Static Air Pressure Test, per FBC, TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with marked-up drawings and installation diagram of vinyl sliding glass door, prepared by Fenestration Testing Lab, Inc., Test Report No. FTL 6338 (samples A-1 thru A-22), dated 11/19/10, signed and sealed by Jorge A. Causo, P.E. (Submitted under NOA No. 11-0107.04)

8. Test report on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94

- 4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94

- 6) Forced Entry Test, per FBC, TAS 202-94

along with marked-up drawings and installation diagram of vinyl sliding glass door, prepared by Fenestration Testing Lab, Inc., Test Report No. FTL 6337 (samples A-1 thru A-22), dated 12/06/10, signed and sealed by Jorge A. Causo, P.E. (Submitted under NOA No. 11-0107.09)

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- 4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94

- 6) Forced Entry Test, per FBC, TAS 202-94

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- 6) Forced Entry Test, per FBC, TAS 202-94

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- 6) Forced Entry Test, per FBC, TAS 202-94

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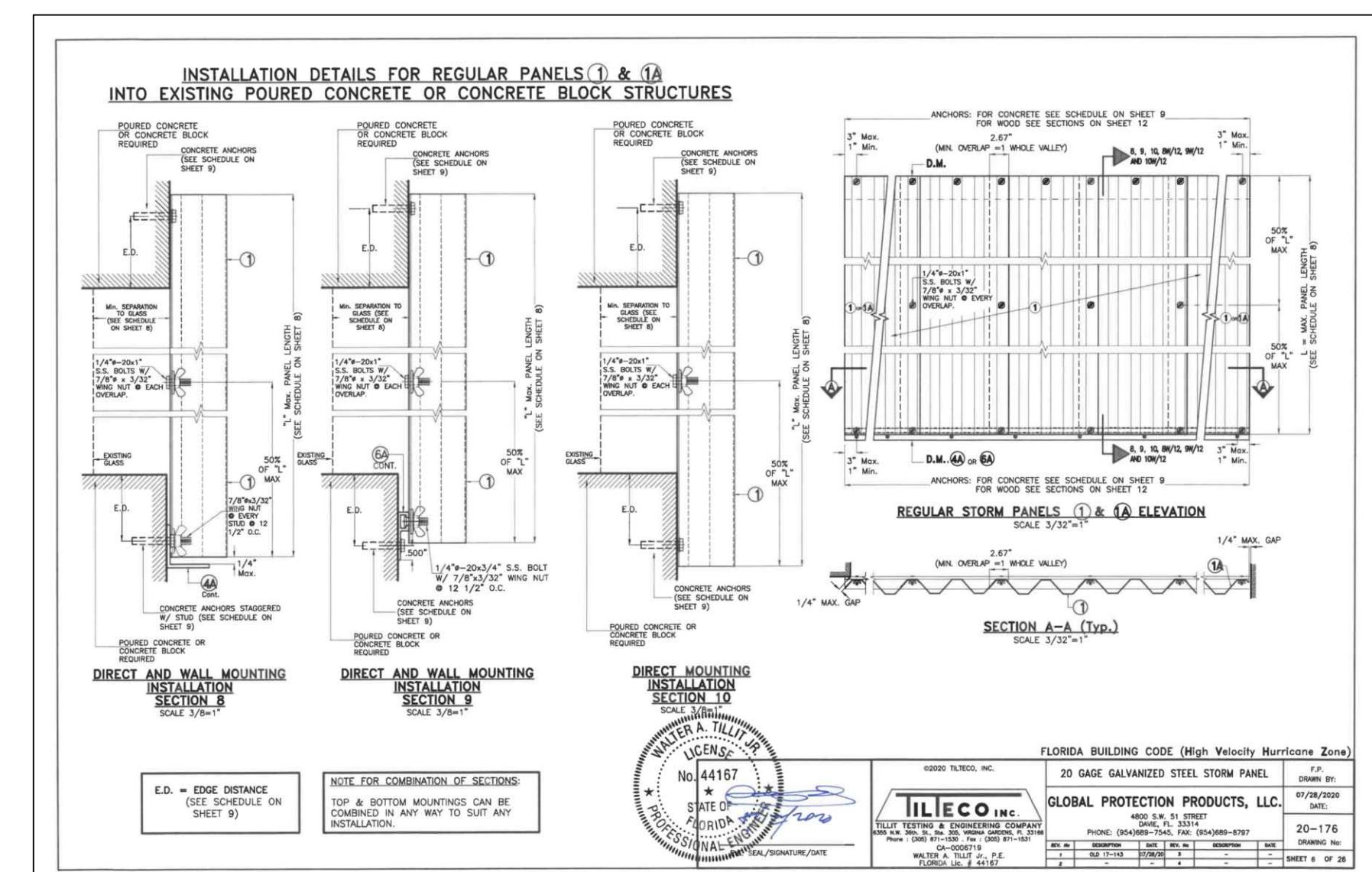
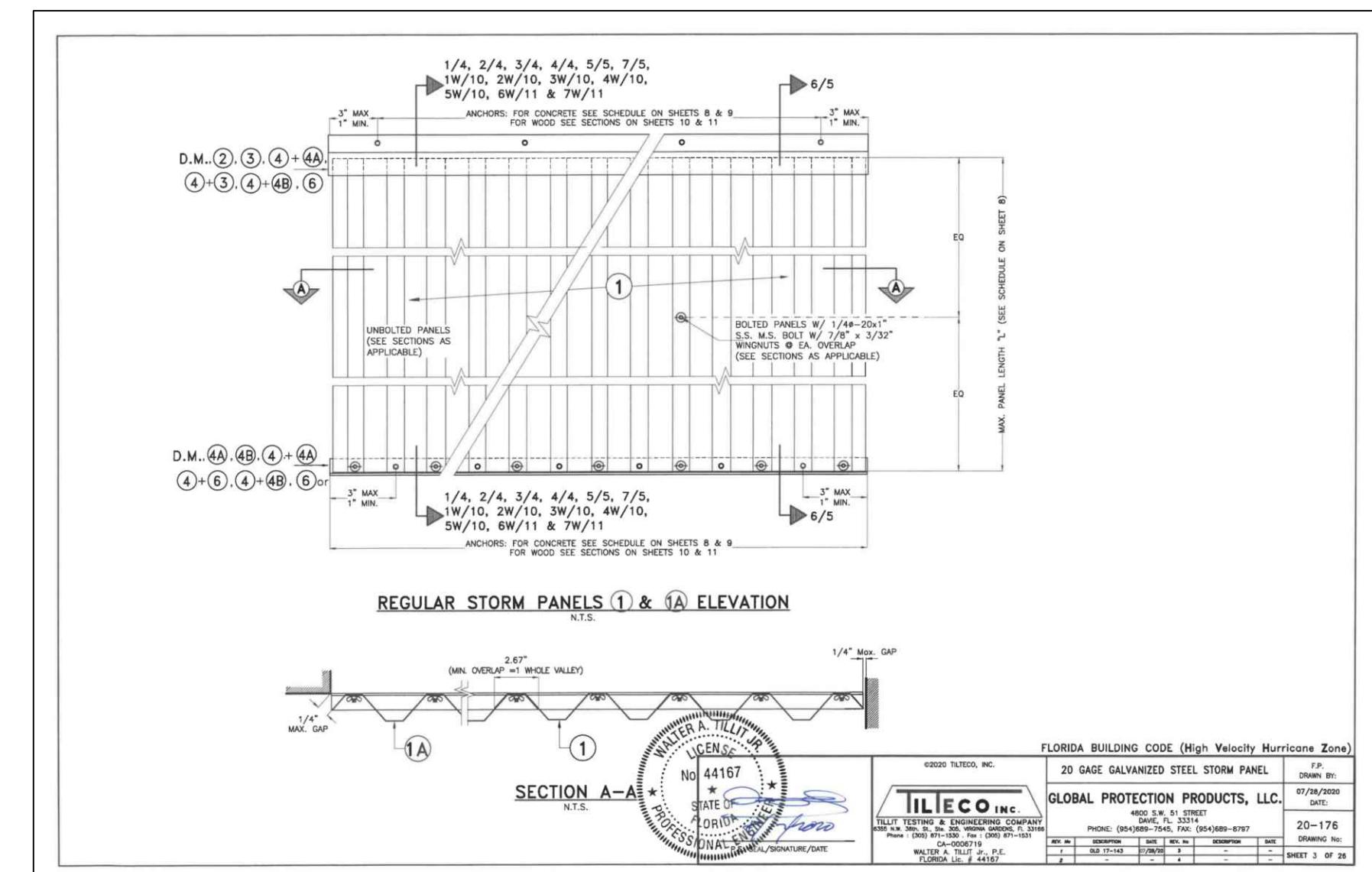
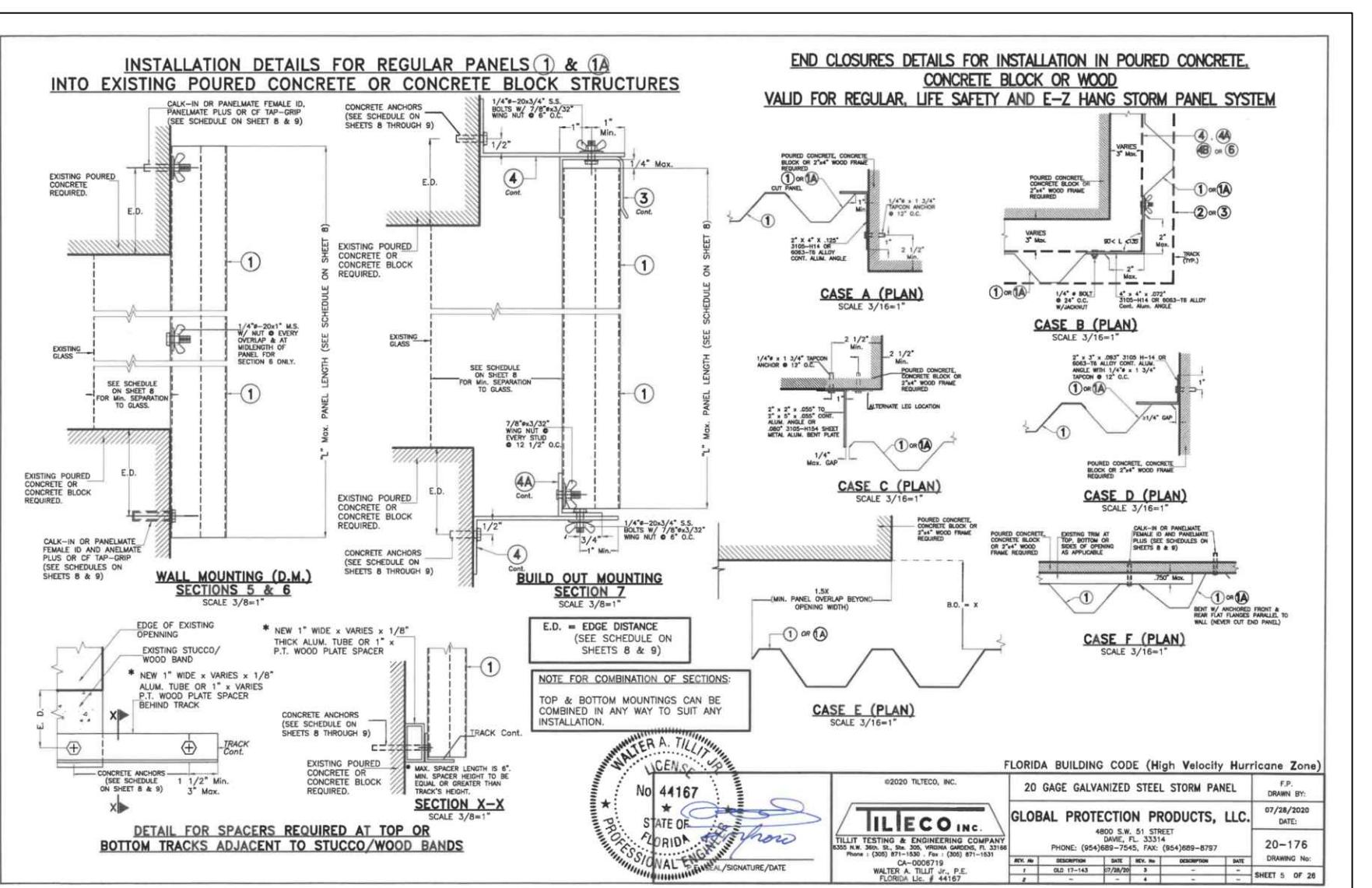
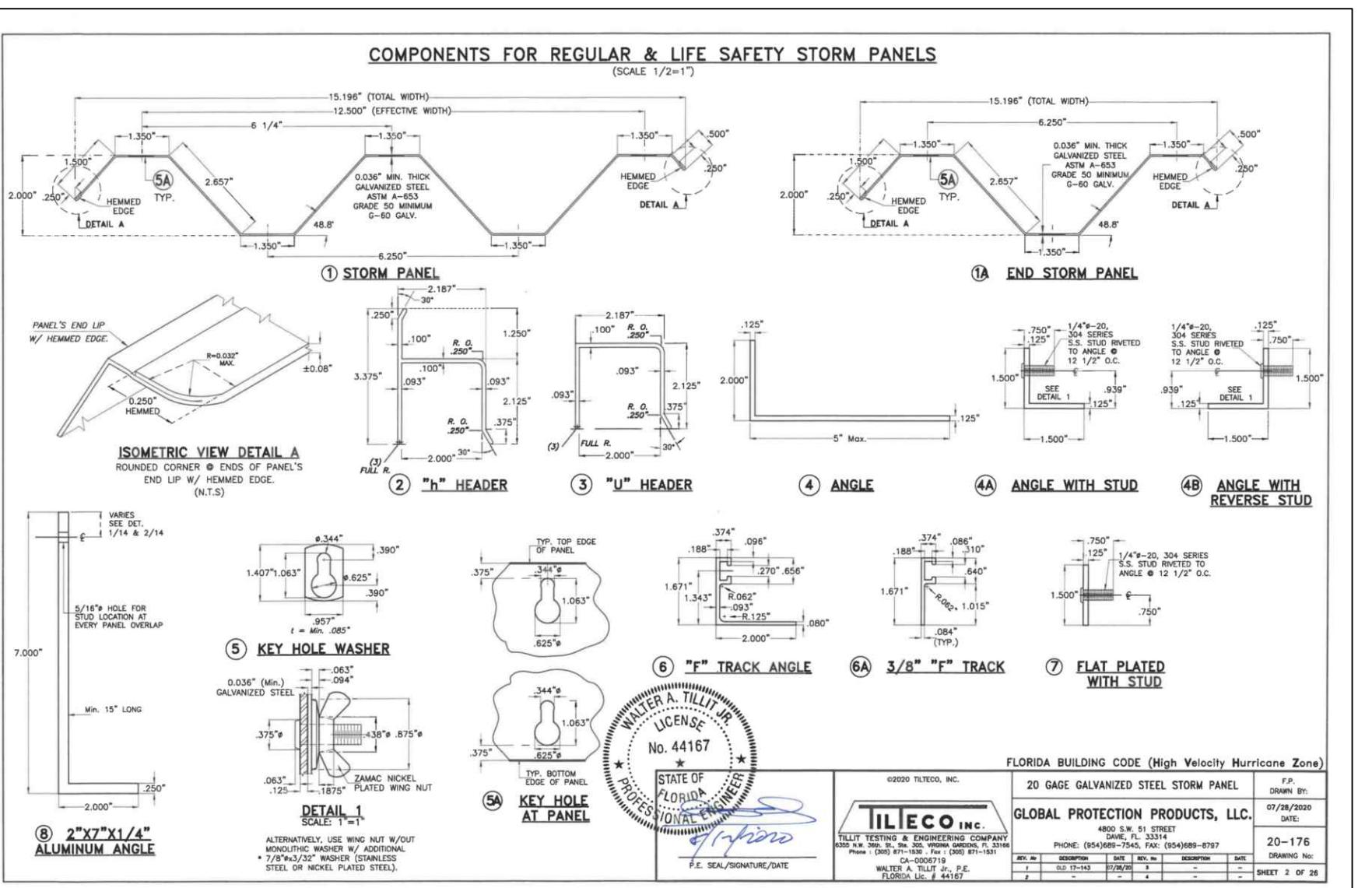
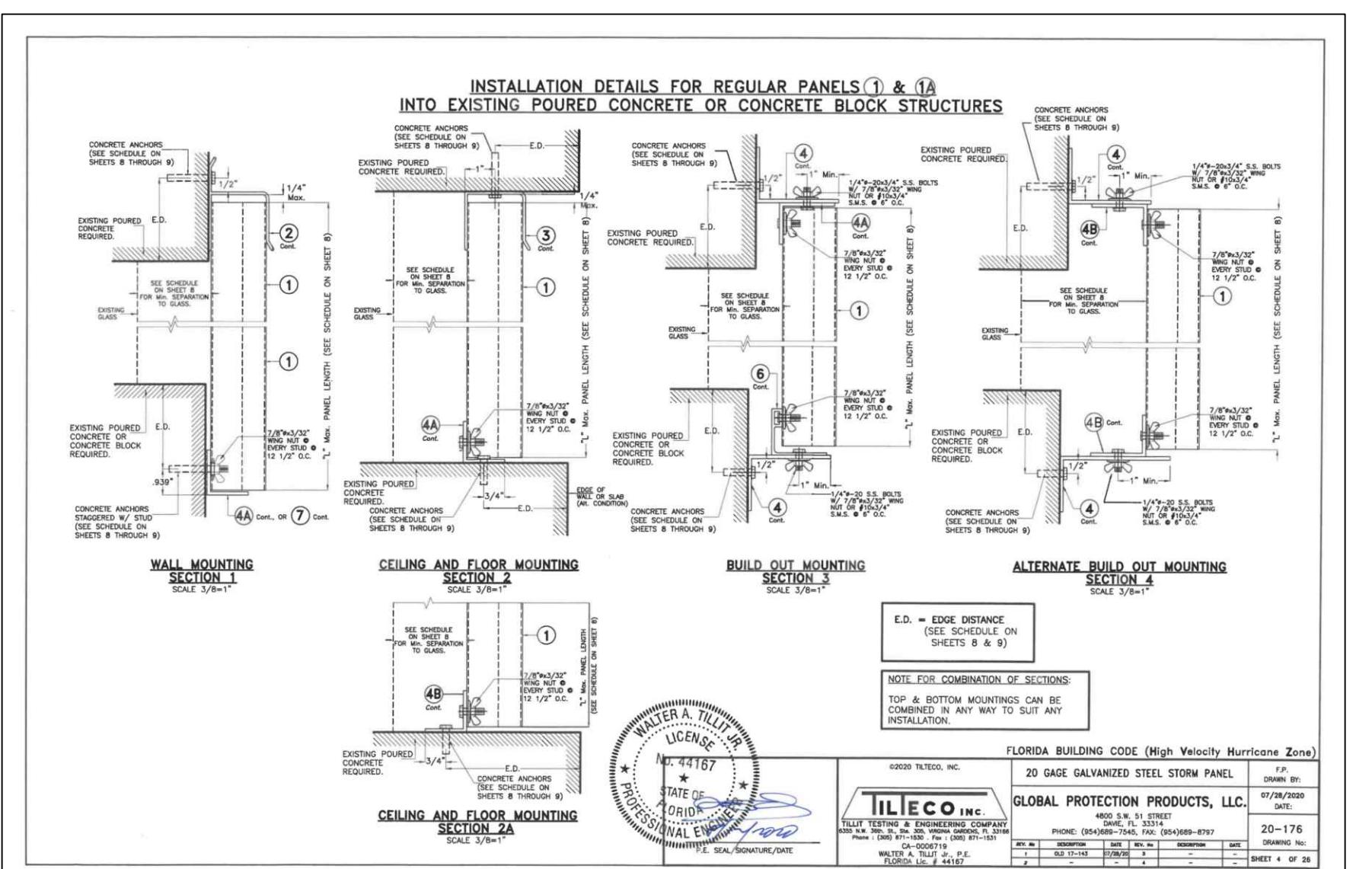
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Hurricane Shutters

Base Product Approval Sheet

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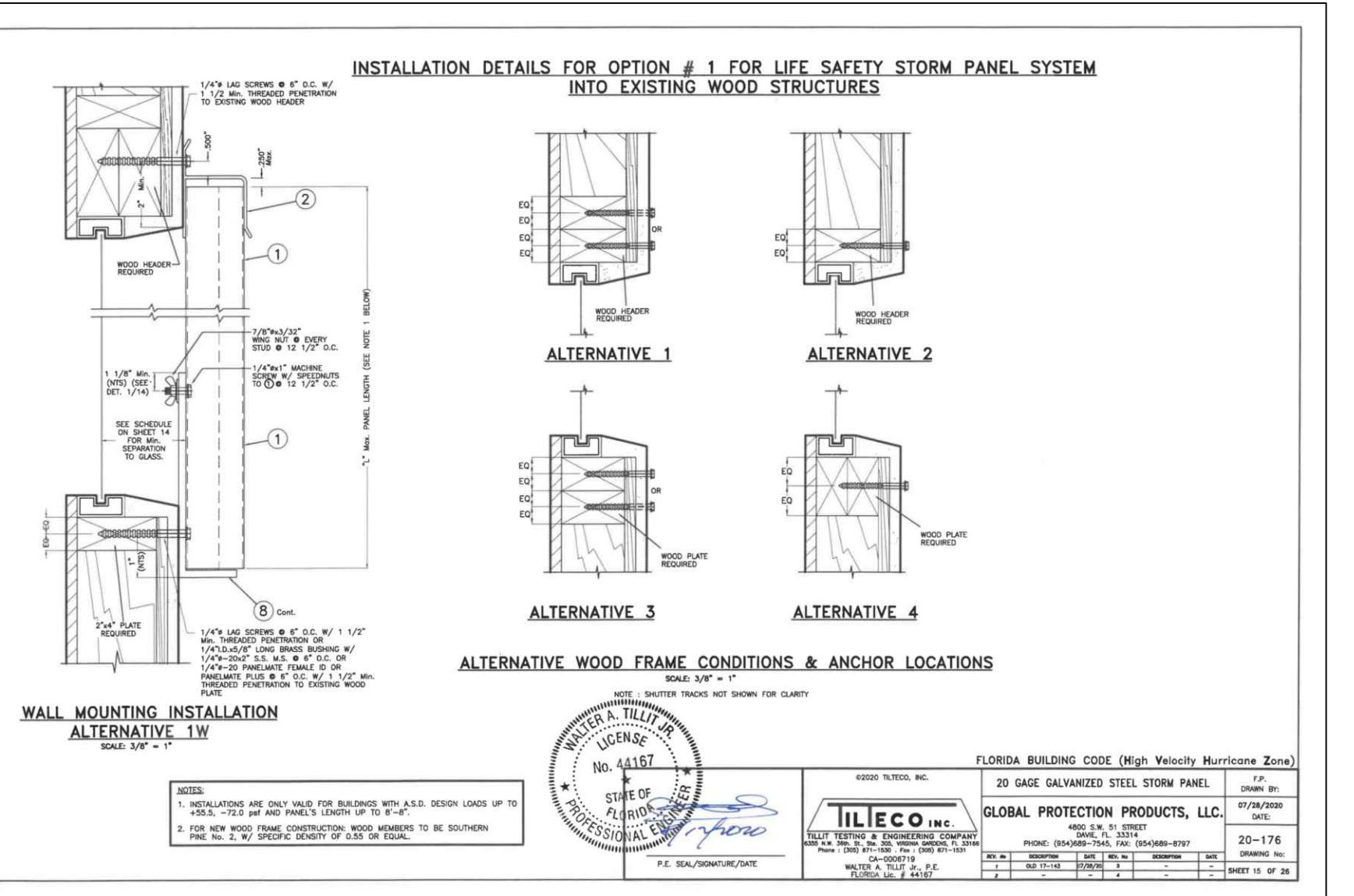
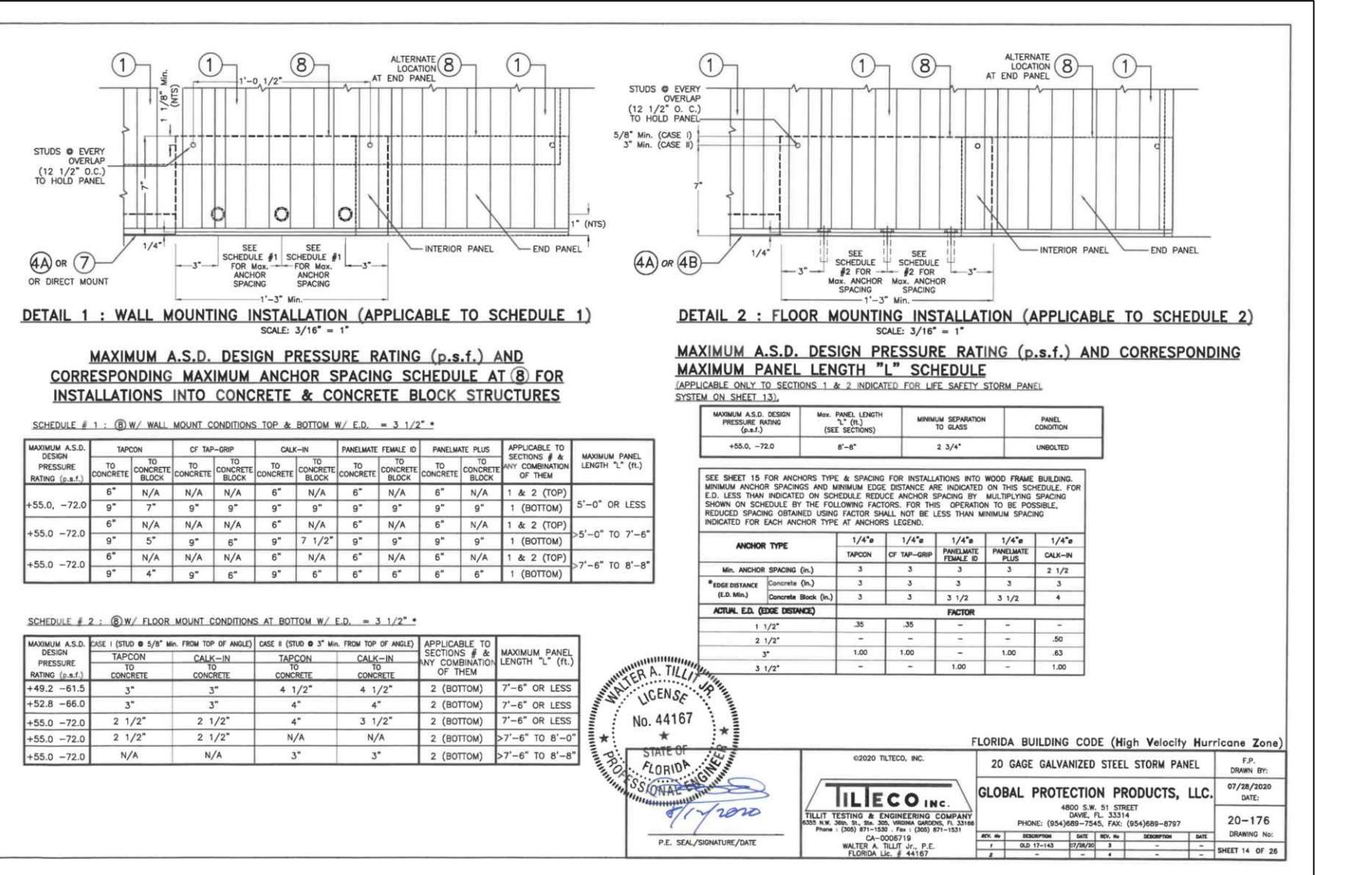
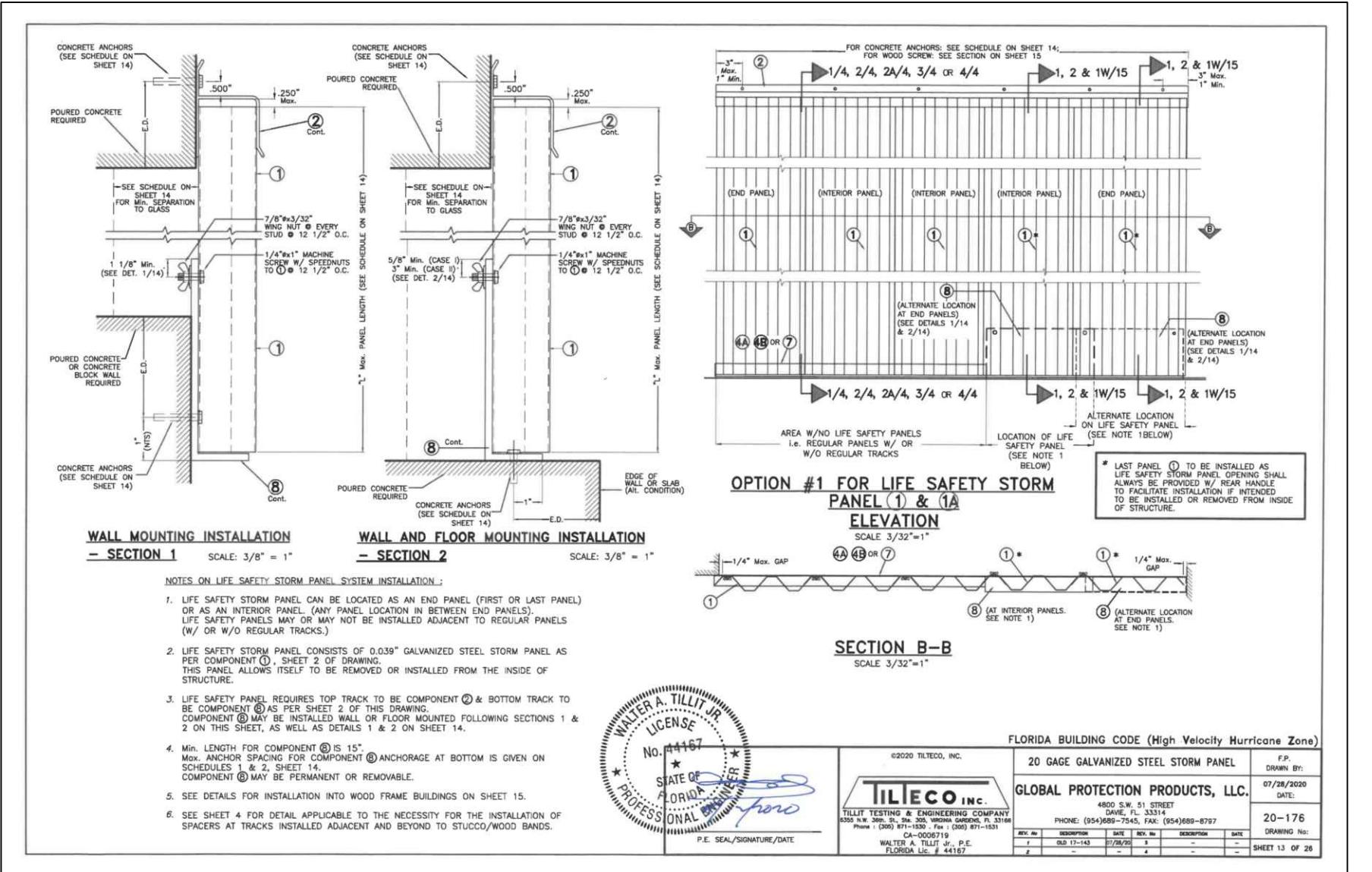
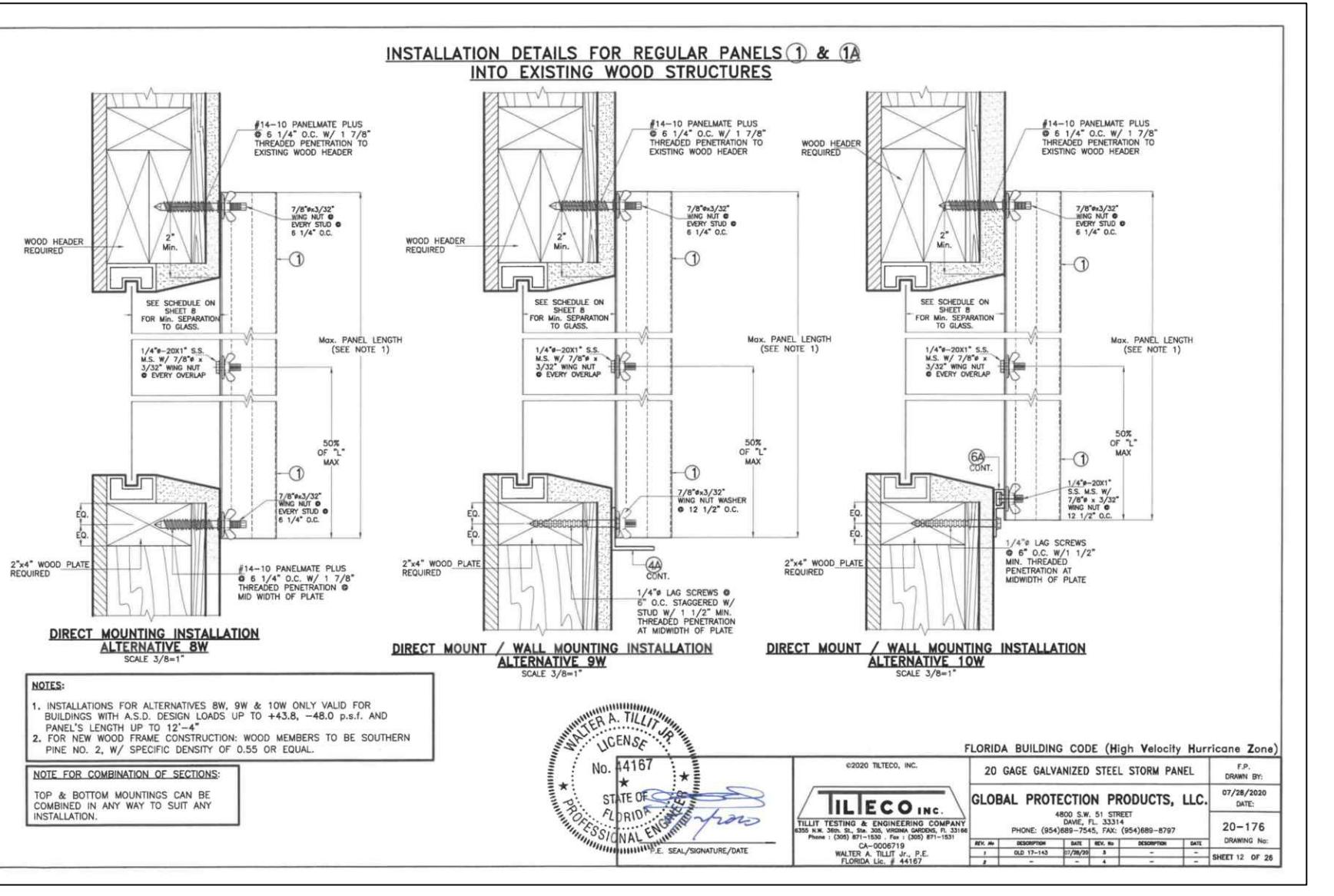
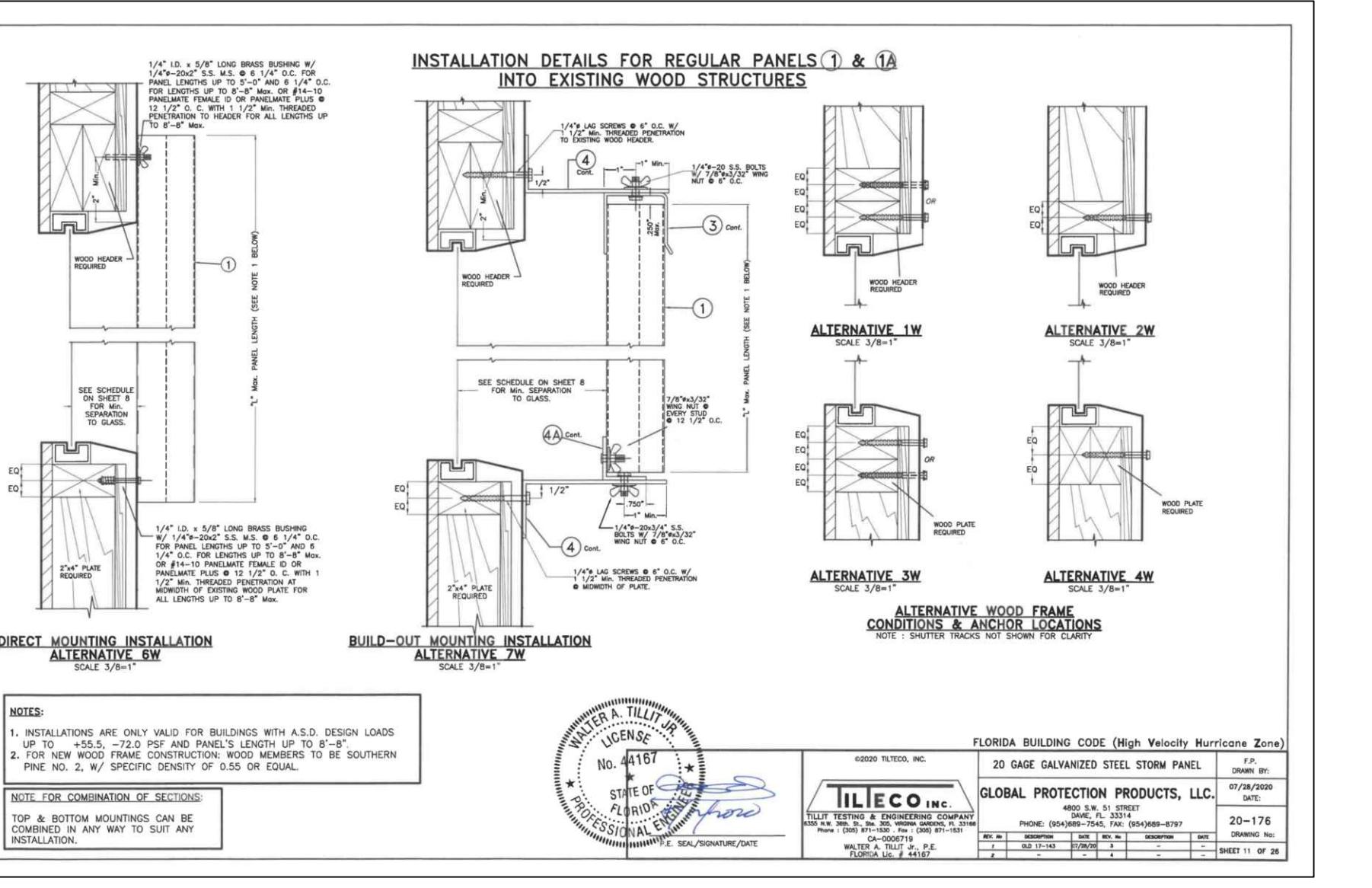
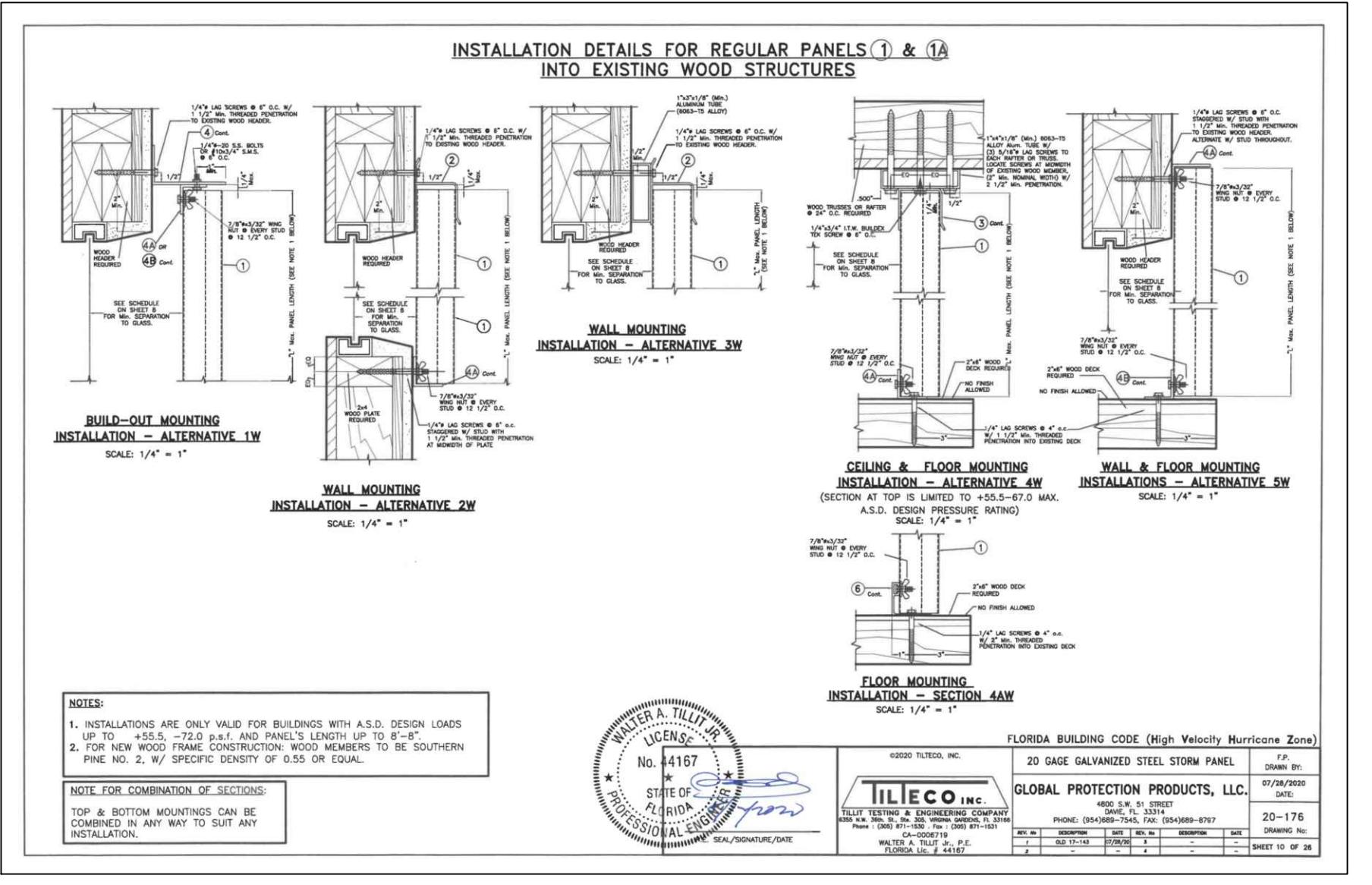
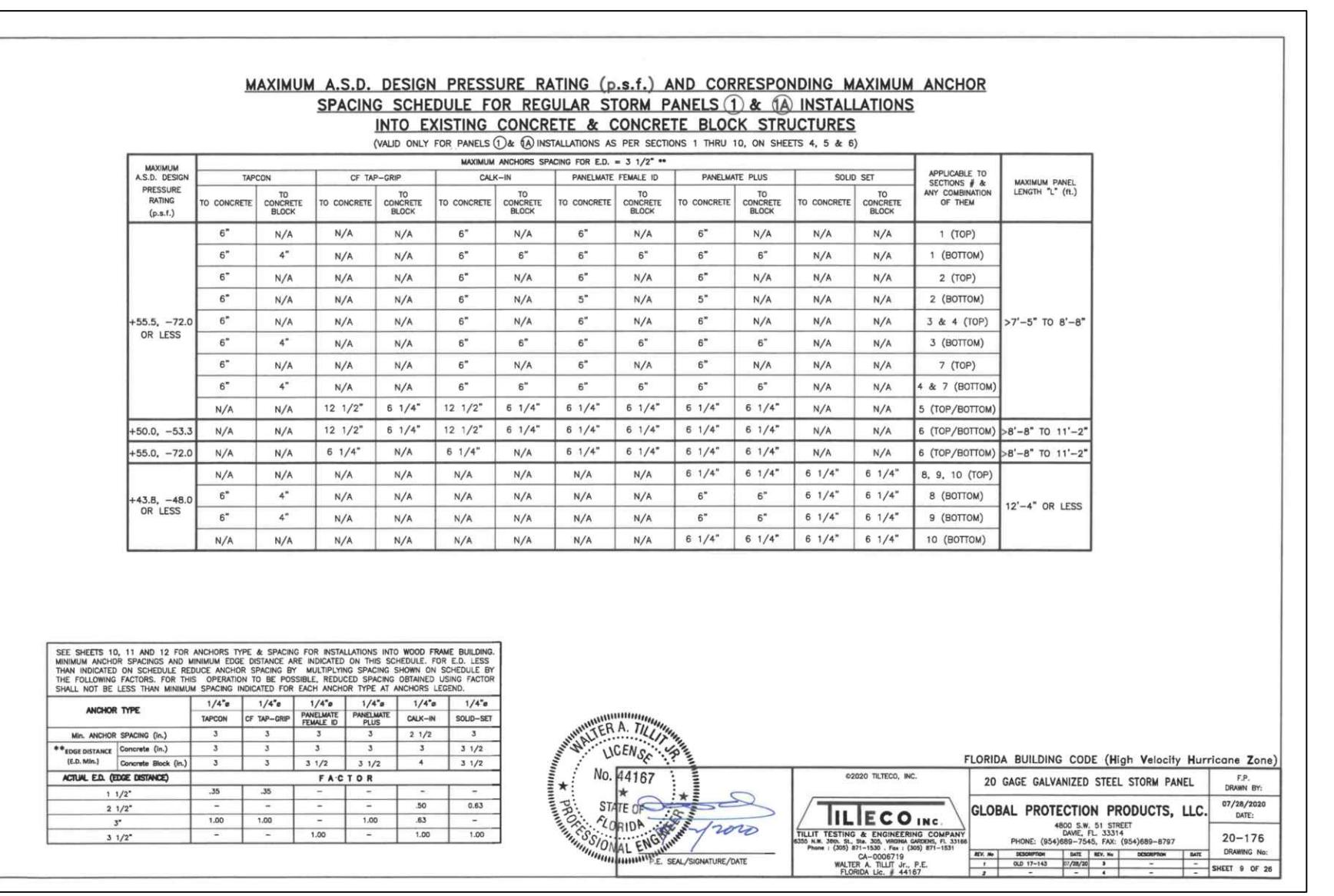
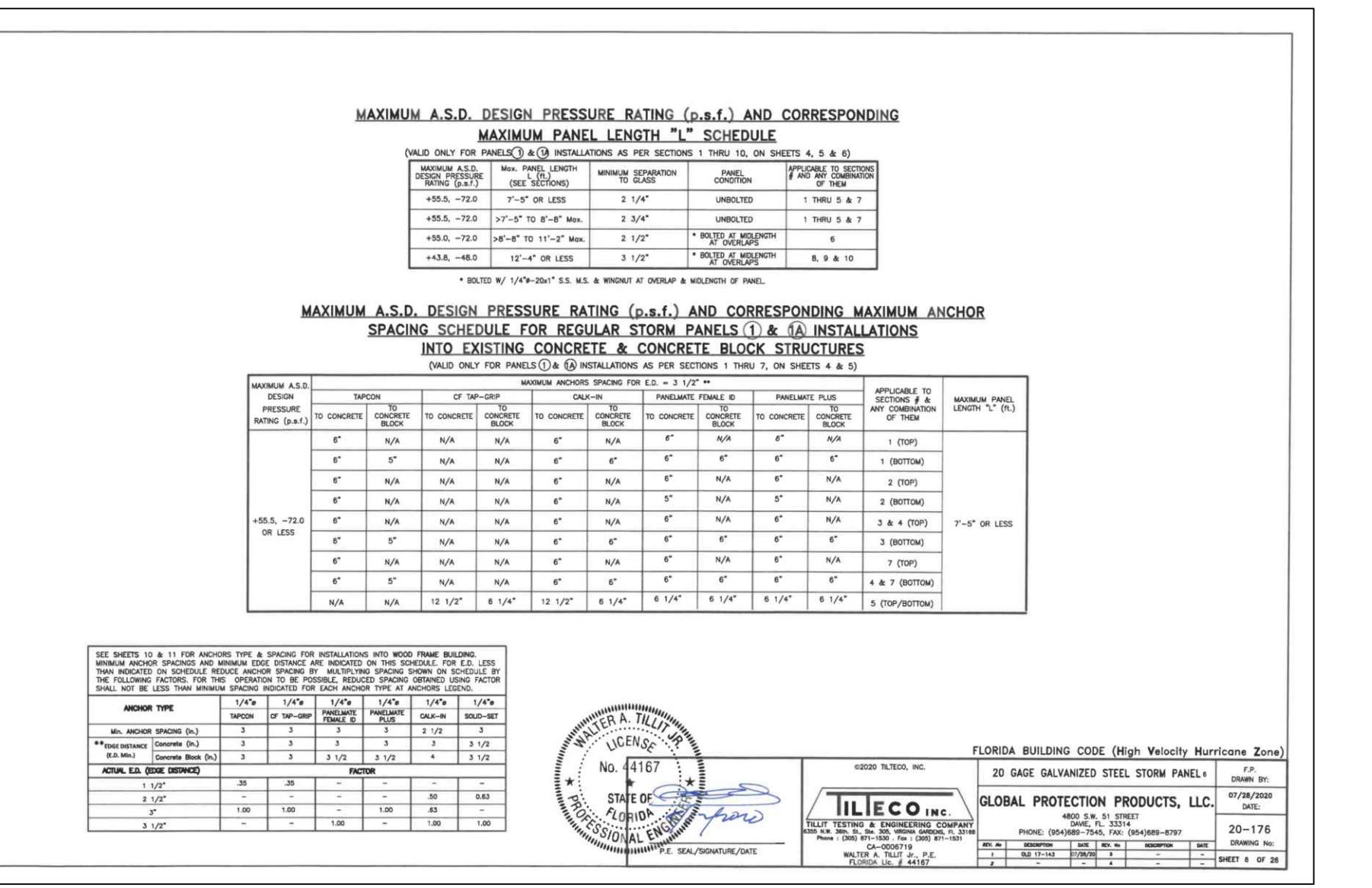
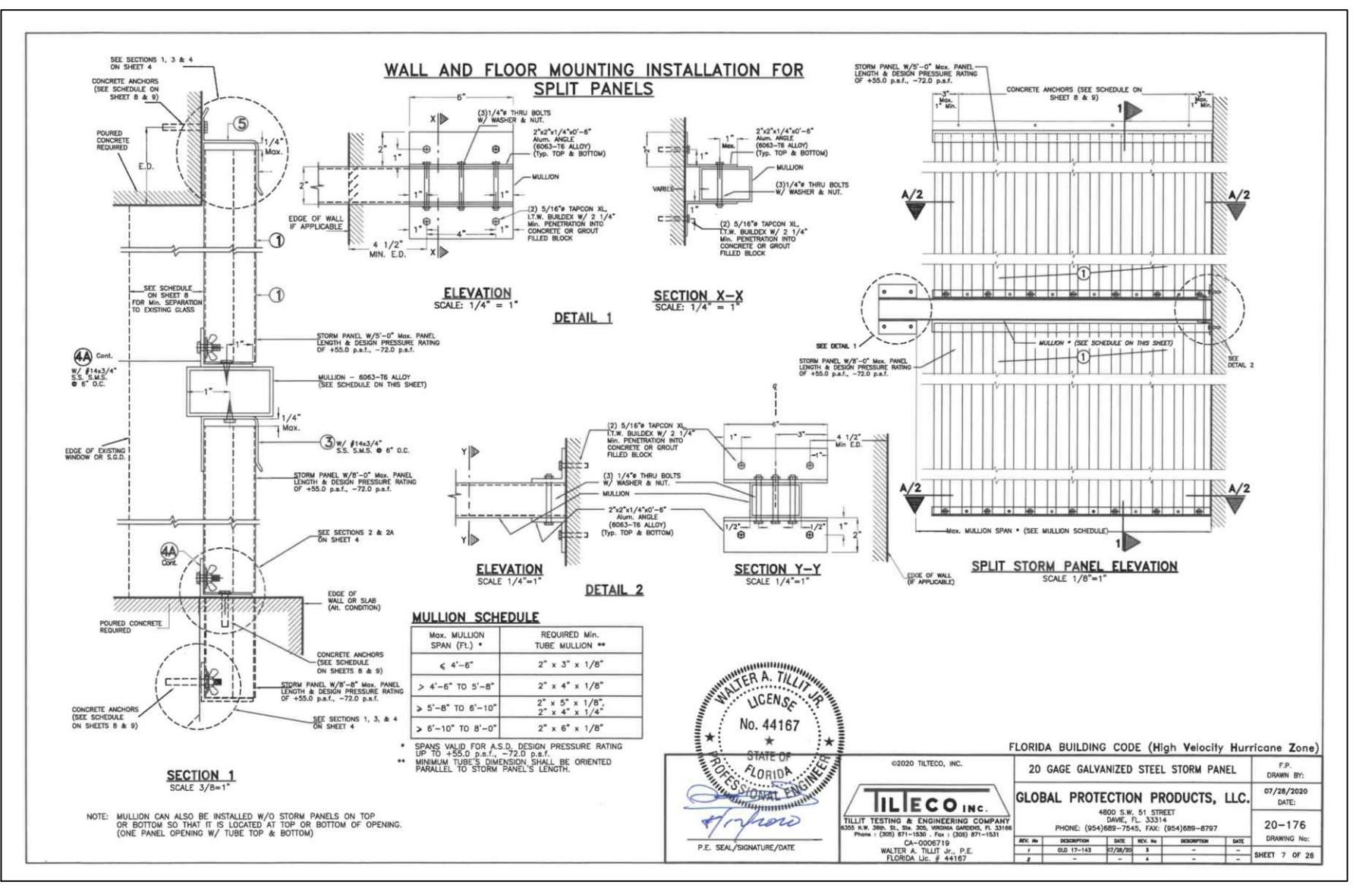
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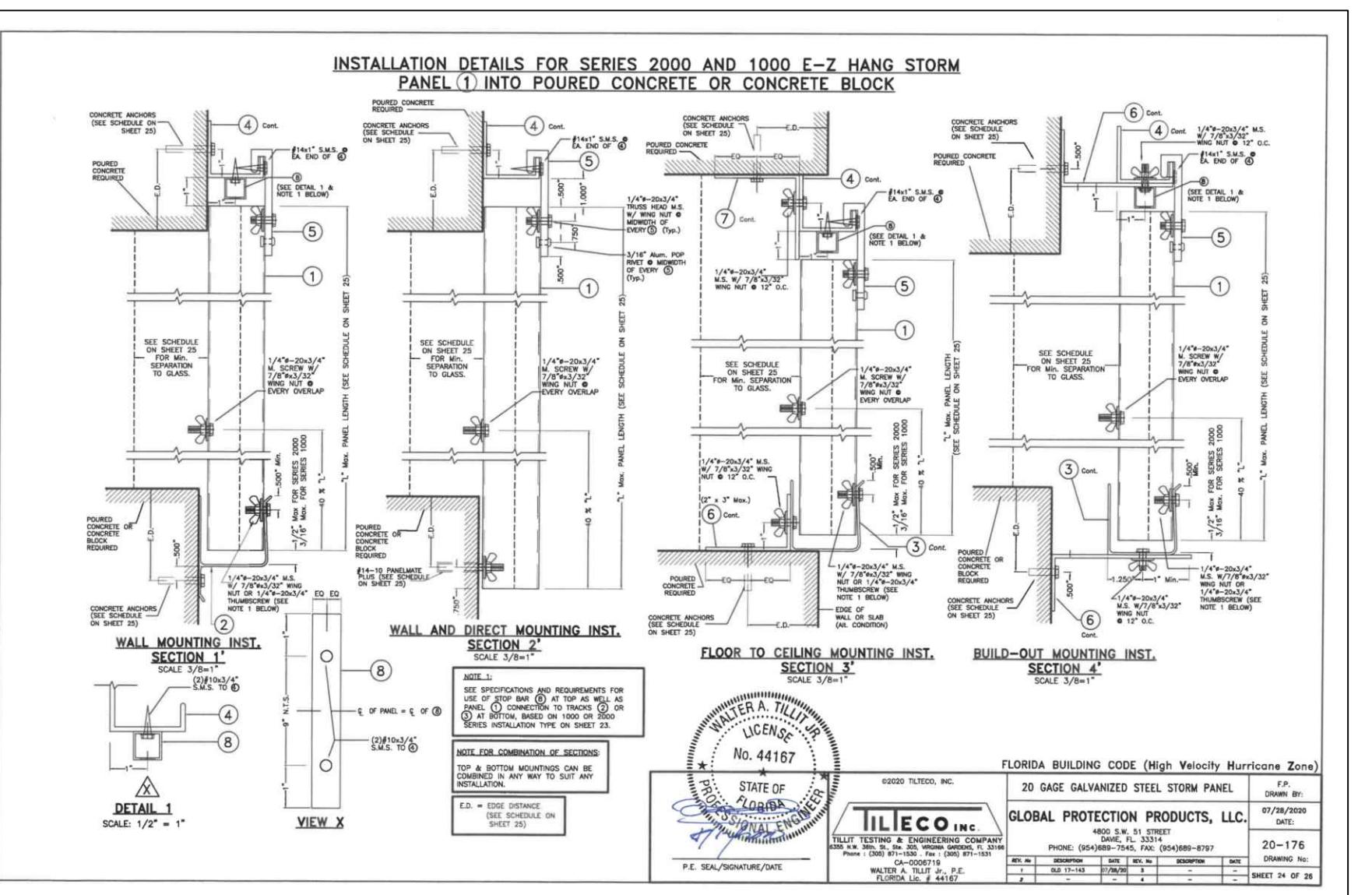
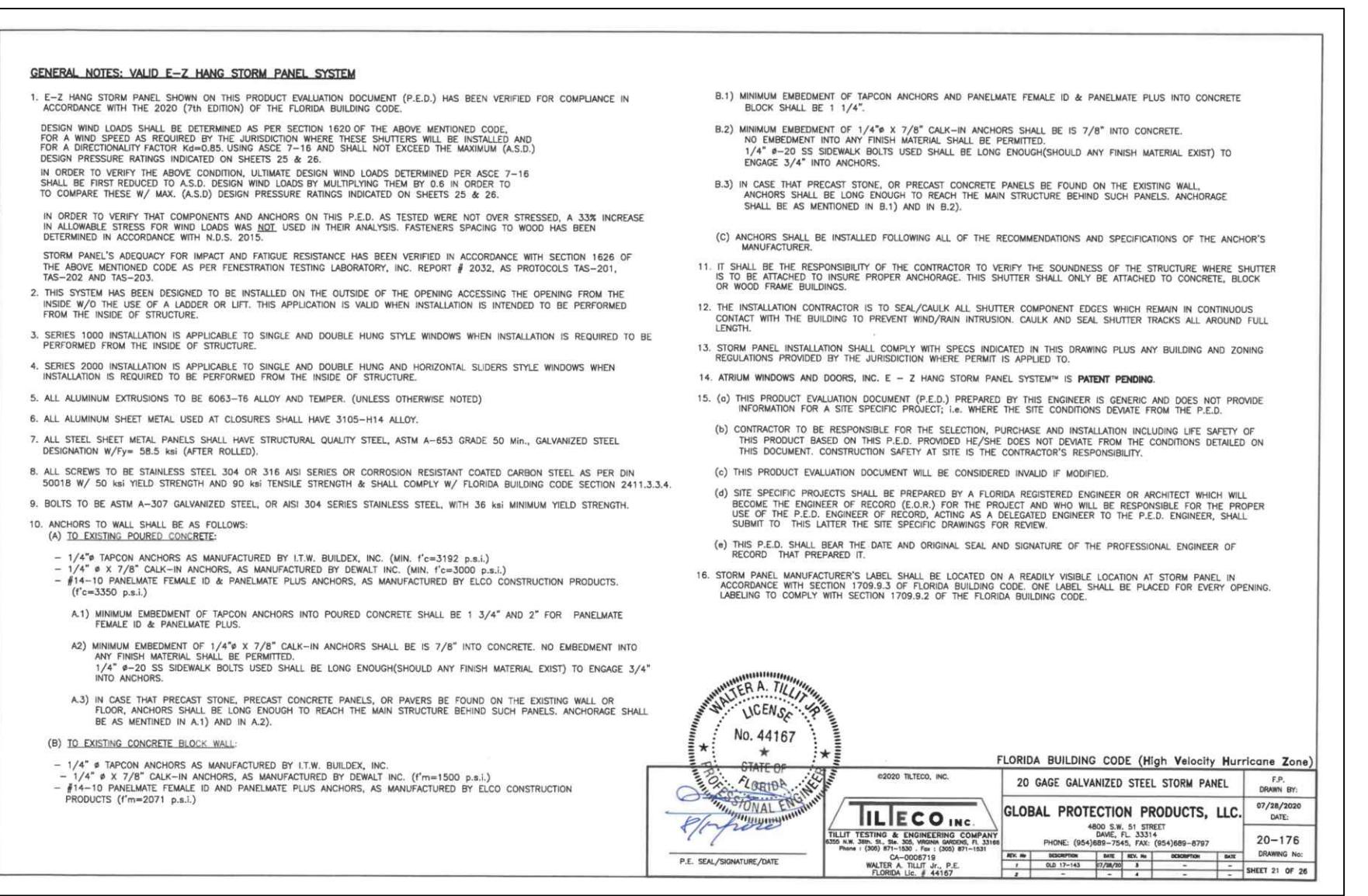
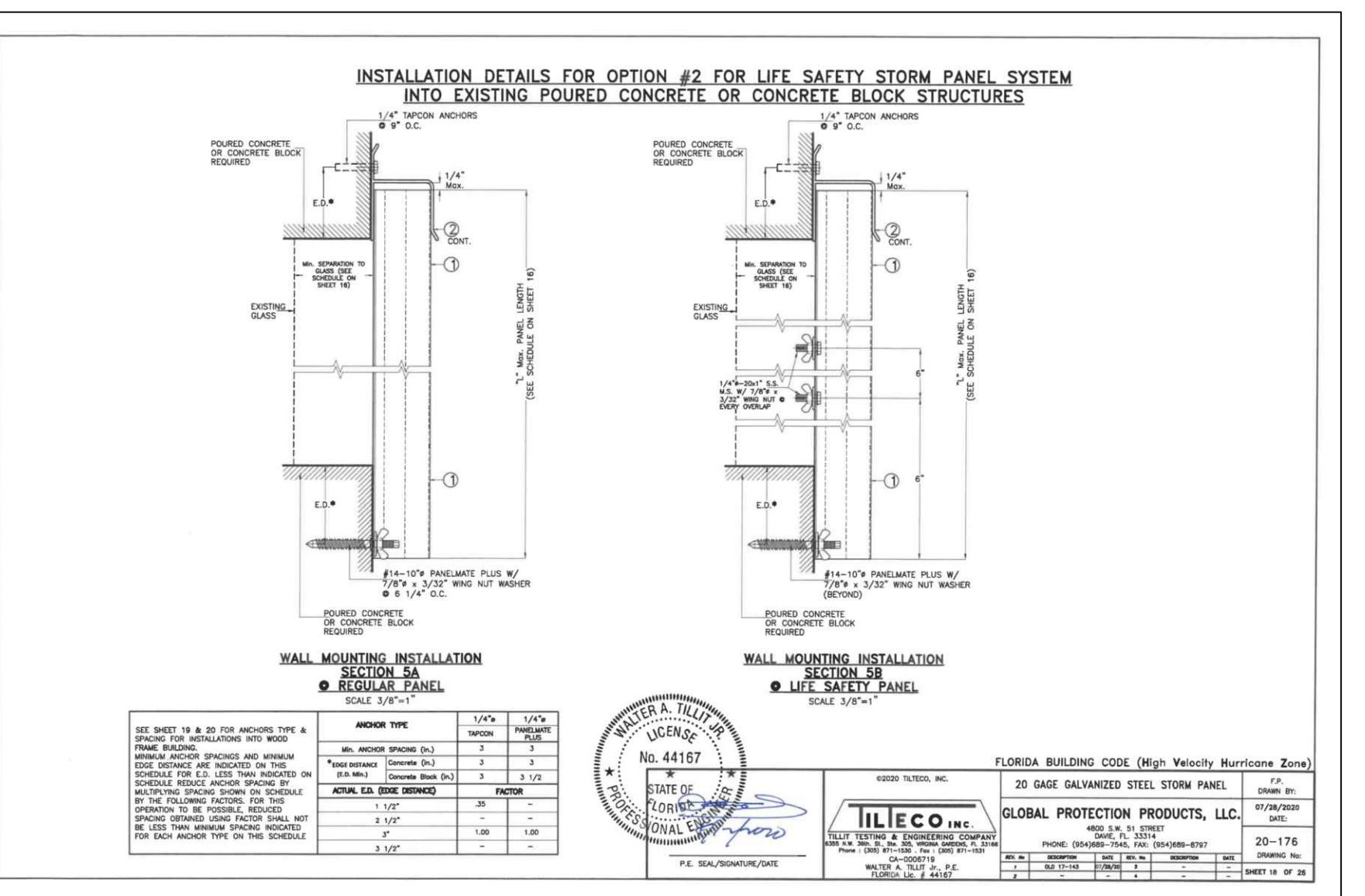
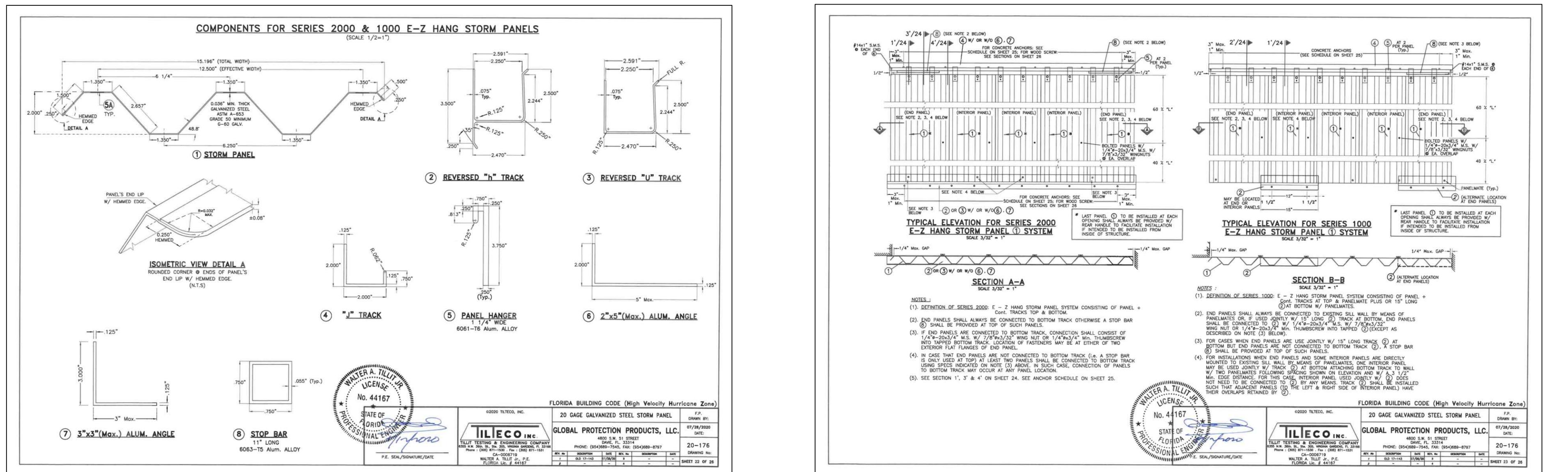
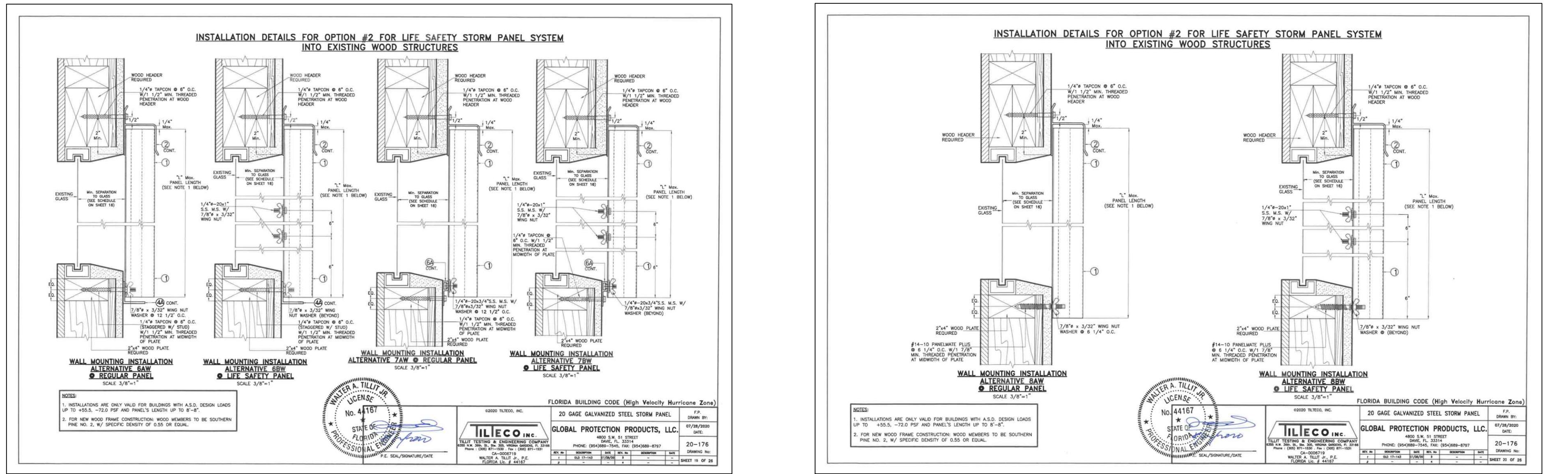
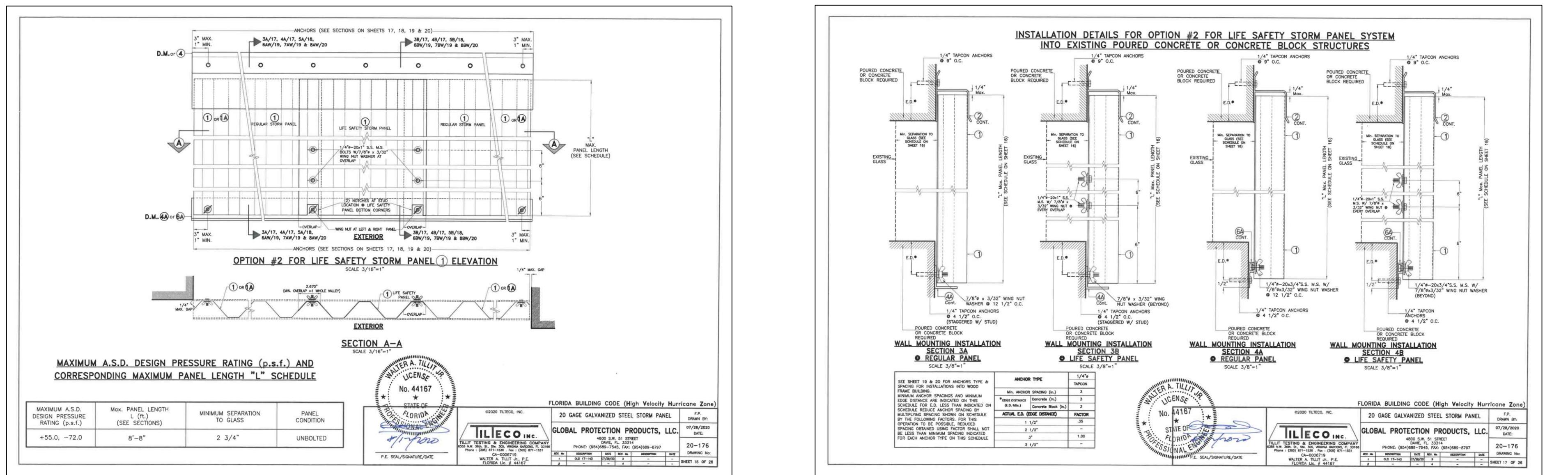
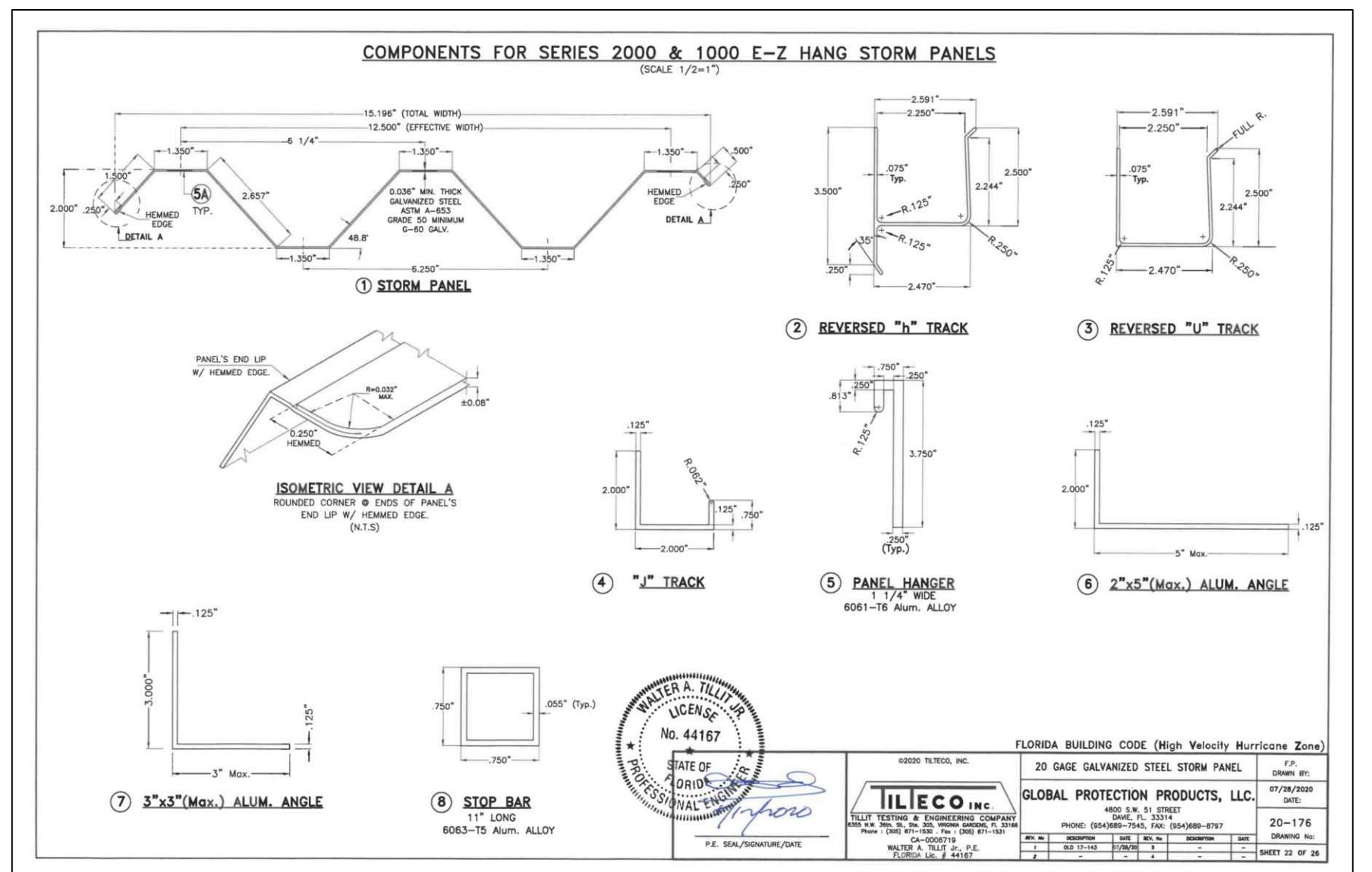
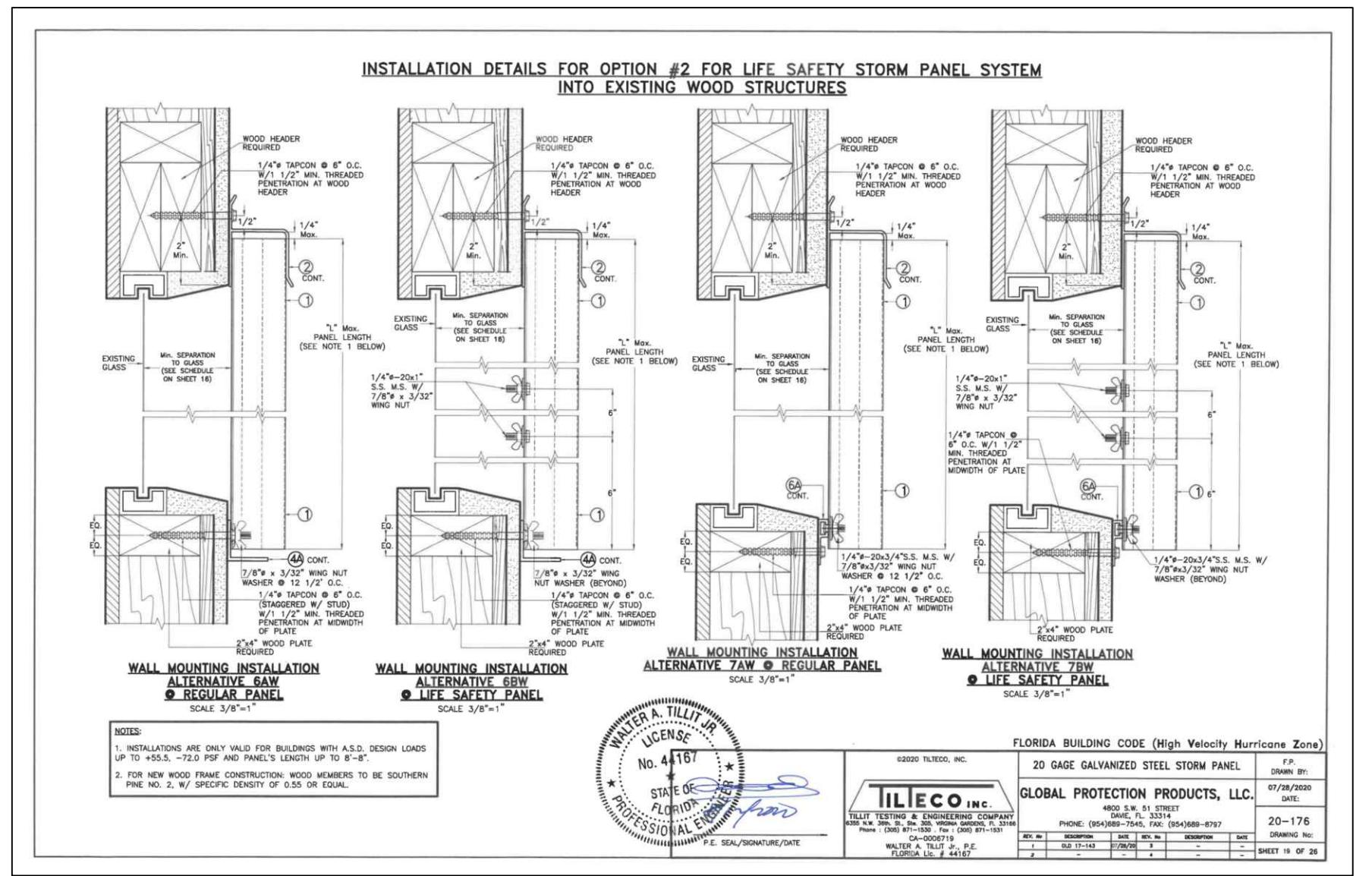
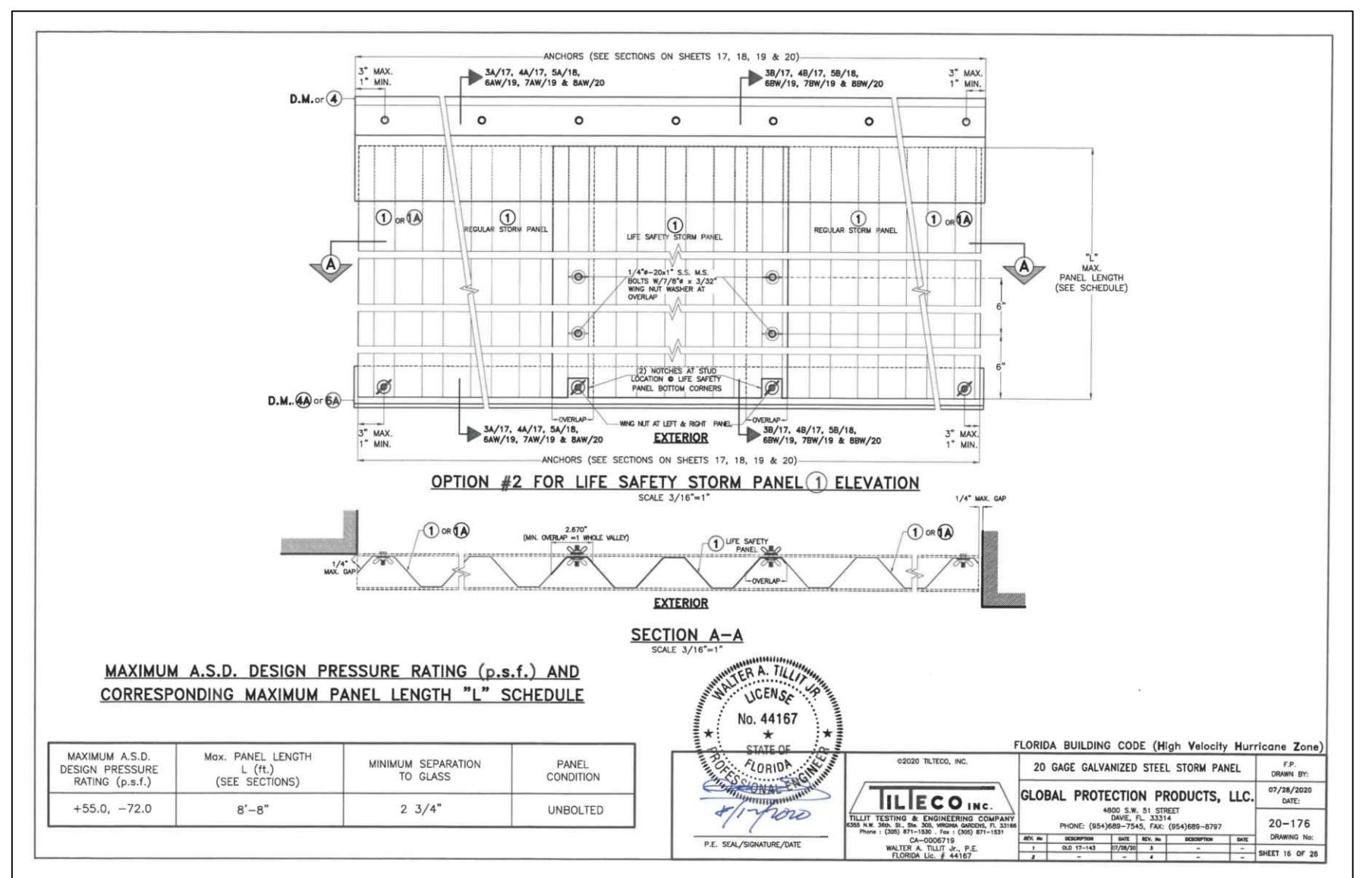
LENZNAAR

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Hurricane Shutters

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Hurricane Shutters

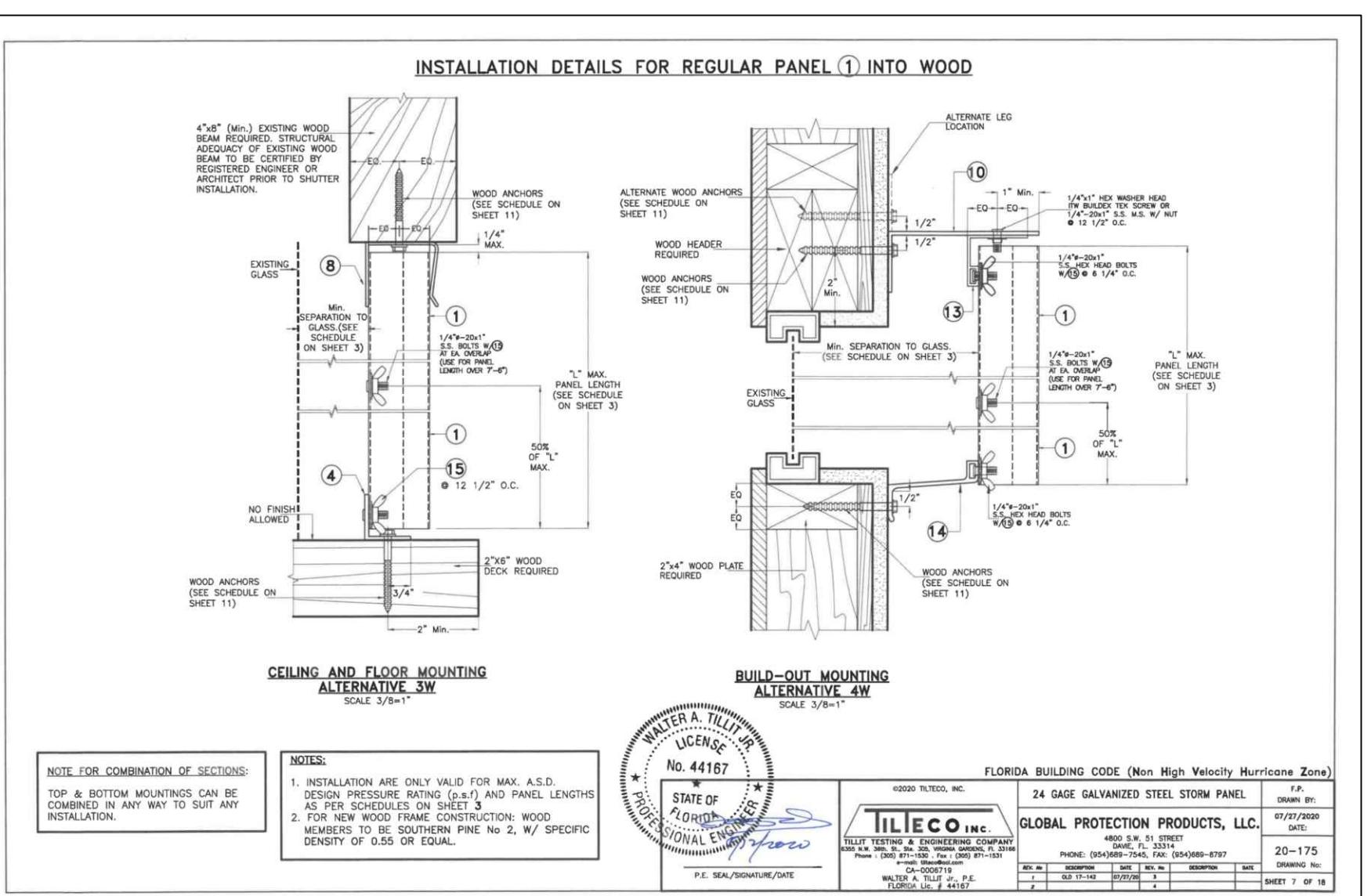
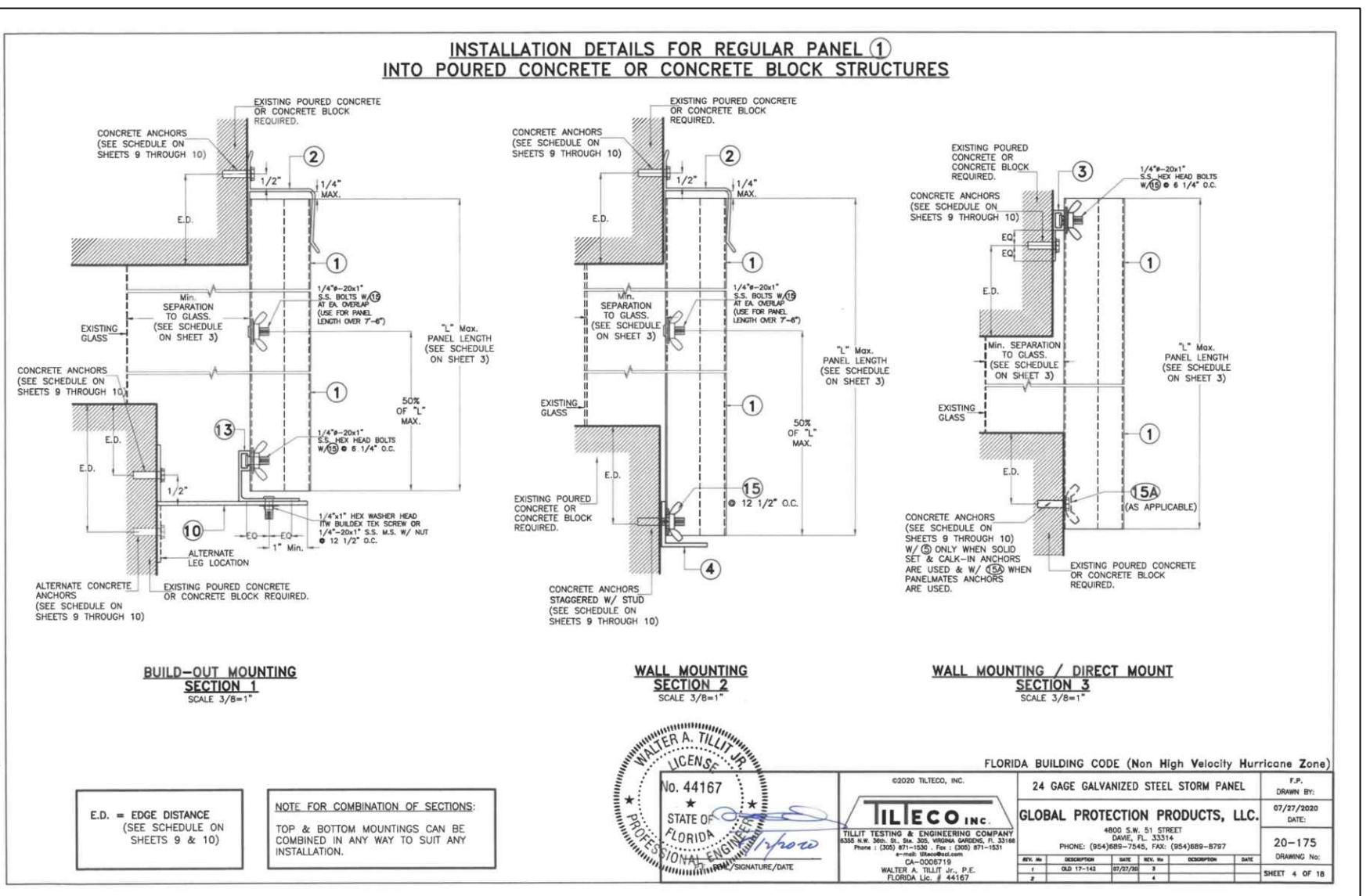
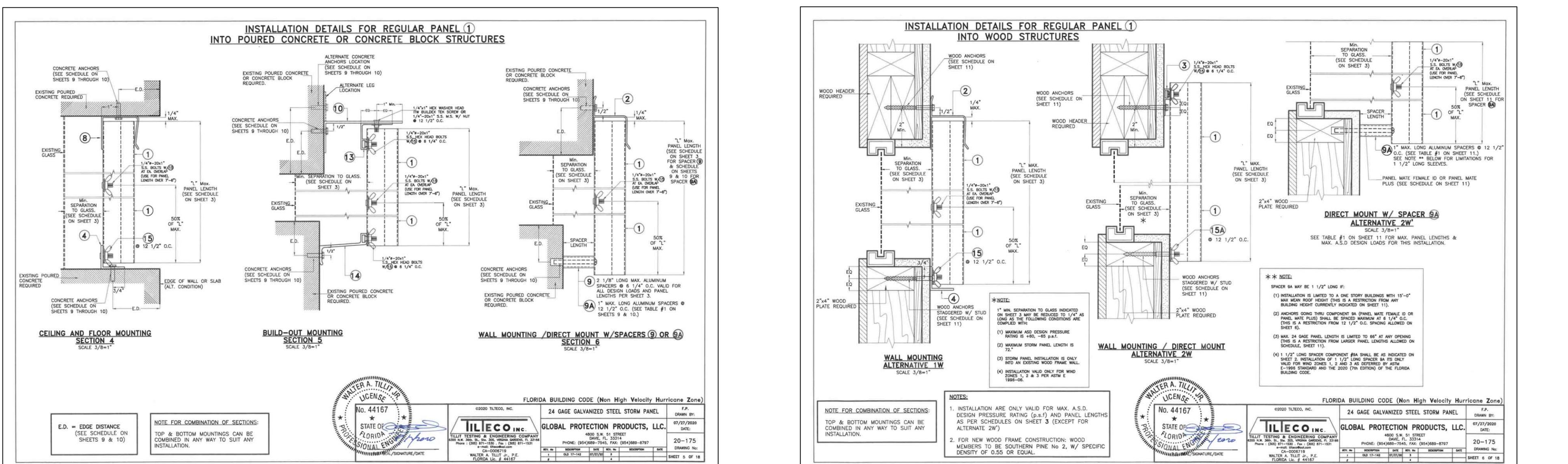
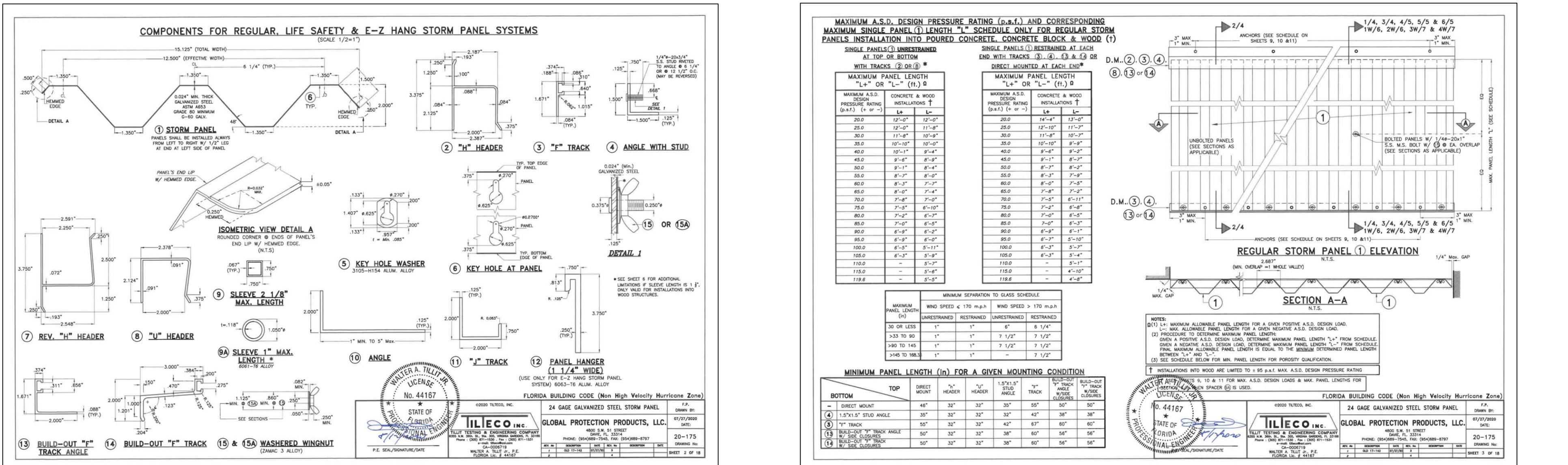
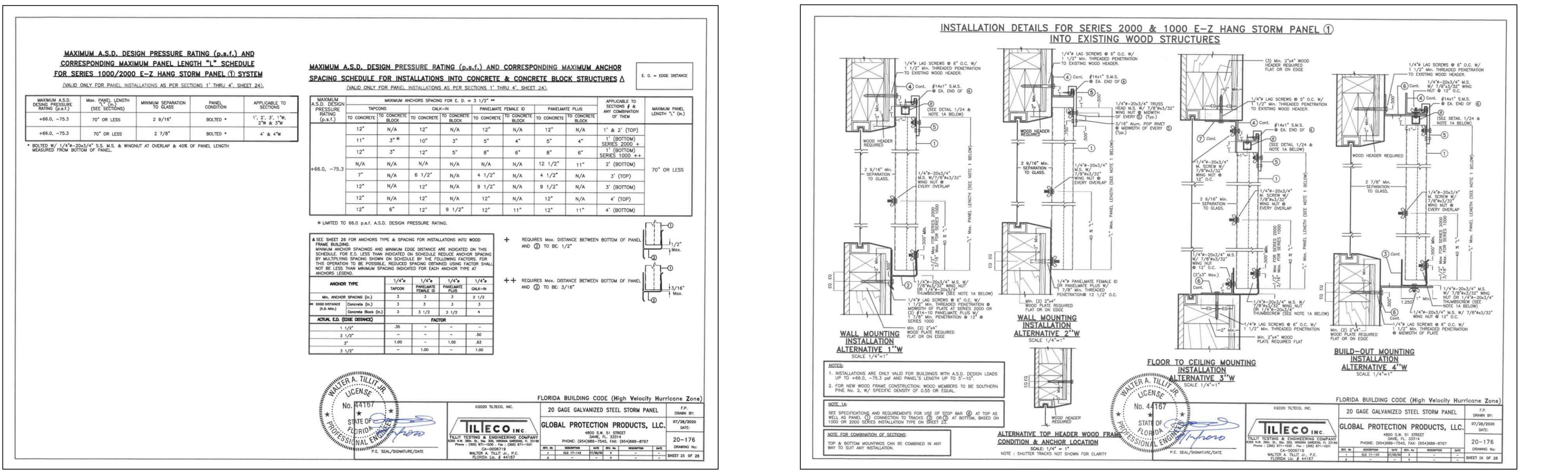
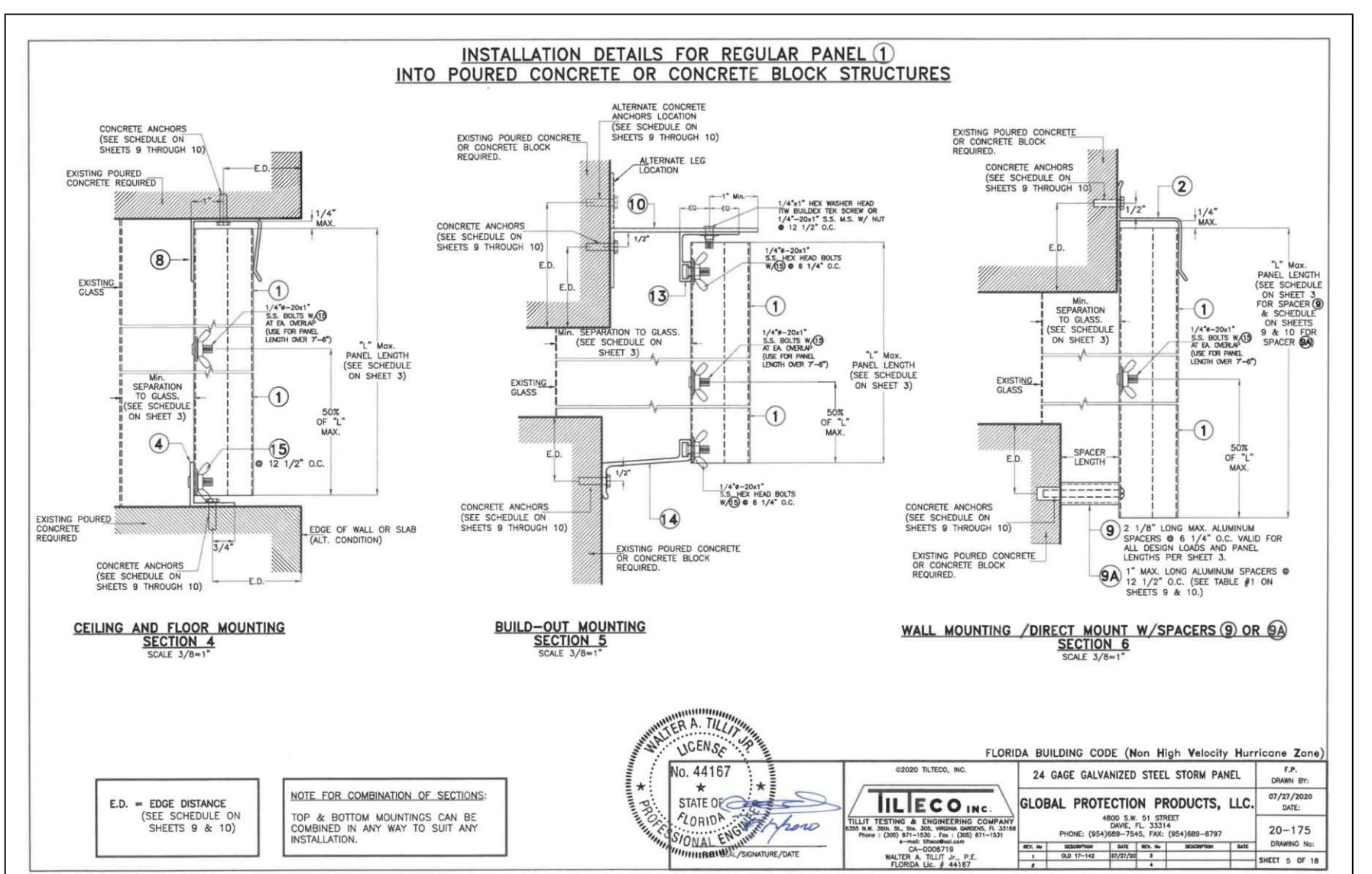
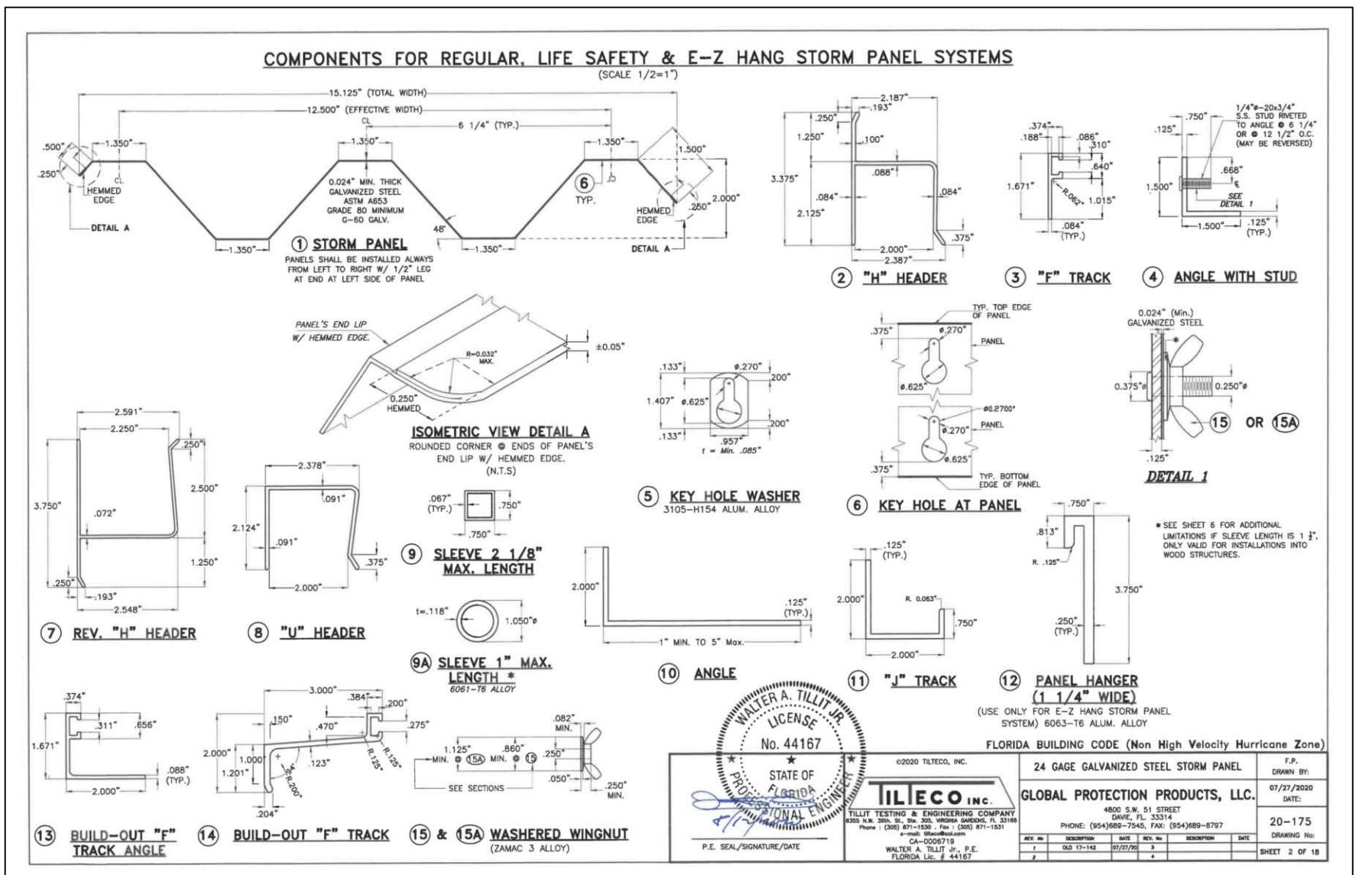
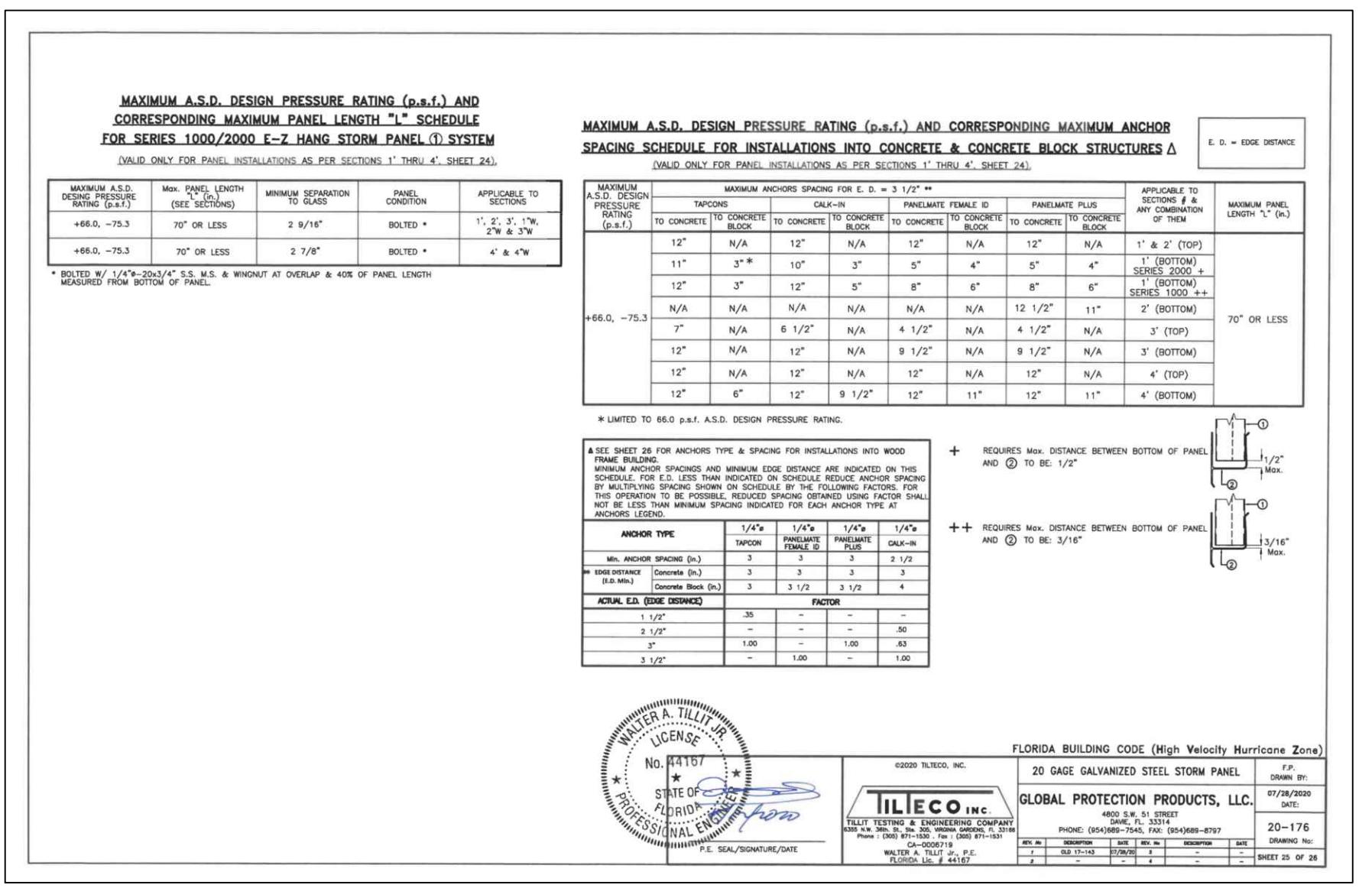
Base Product Approval Sheet

PLAN NAME

SHEET NO.

SH 1.3

This is a non engineered sheet based on product approval information located on the State of Florida's Product Approval web site.



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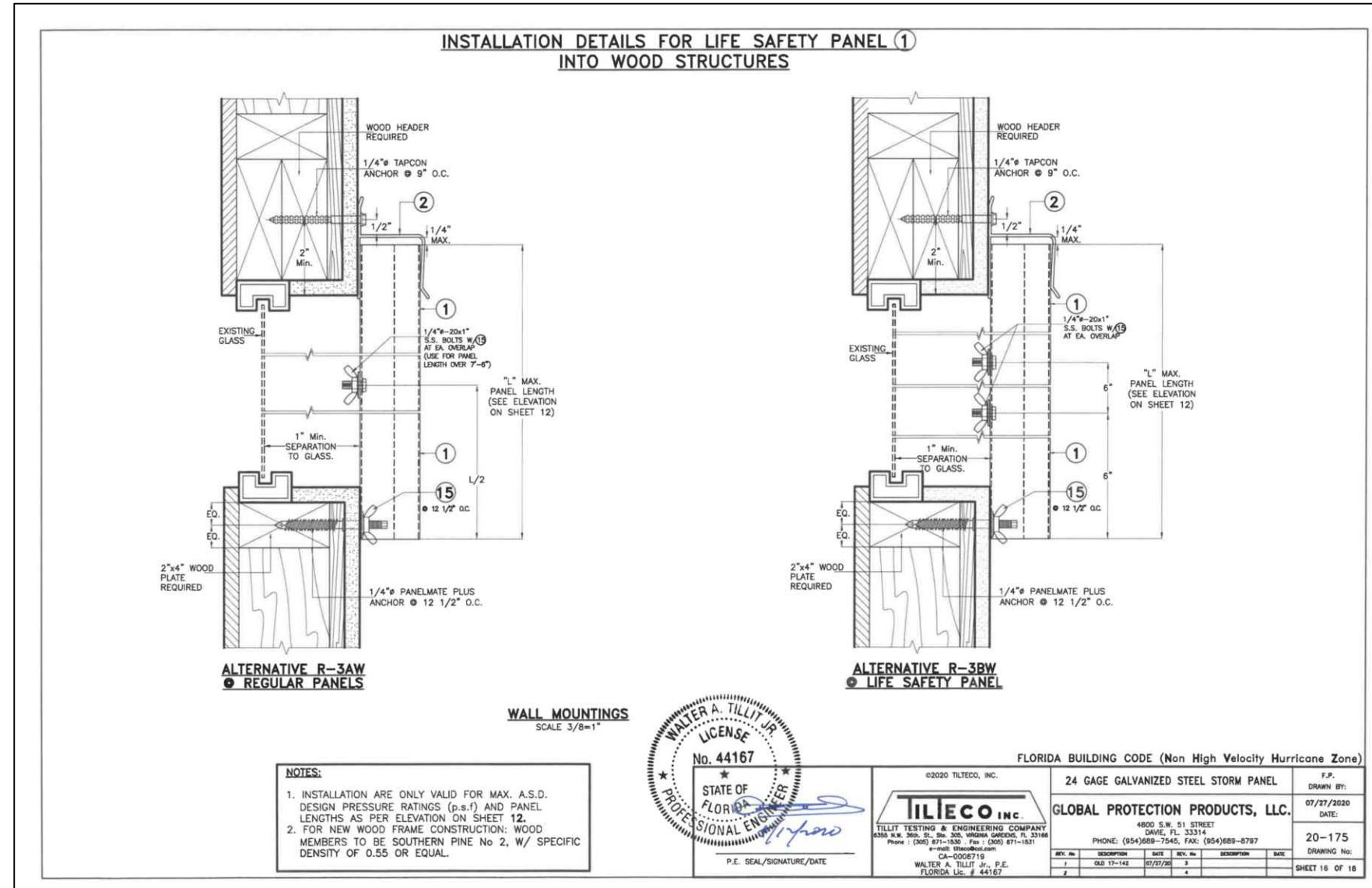
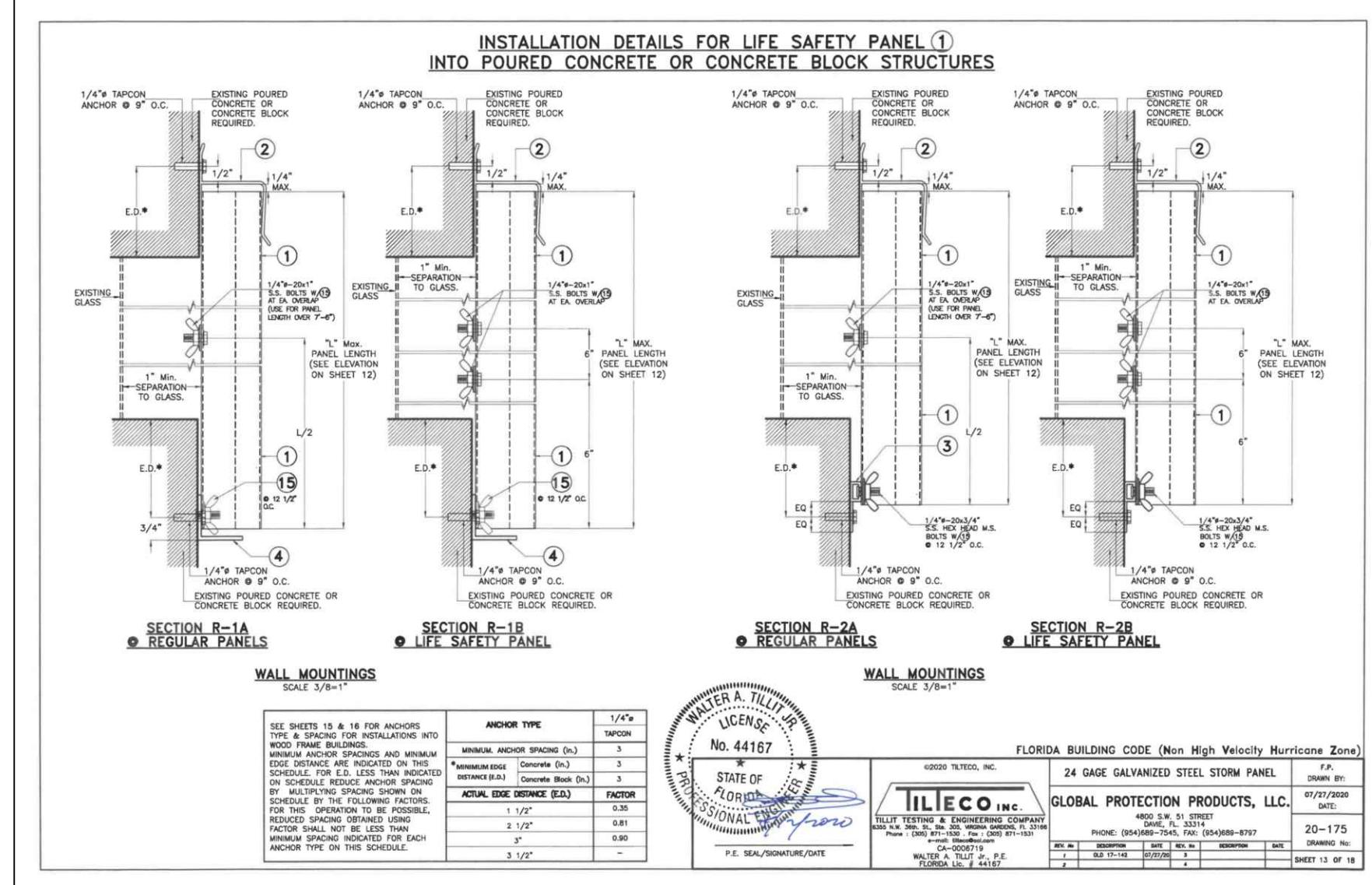
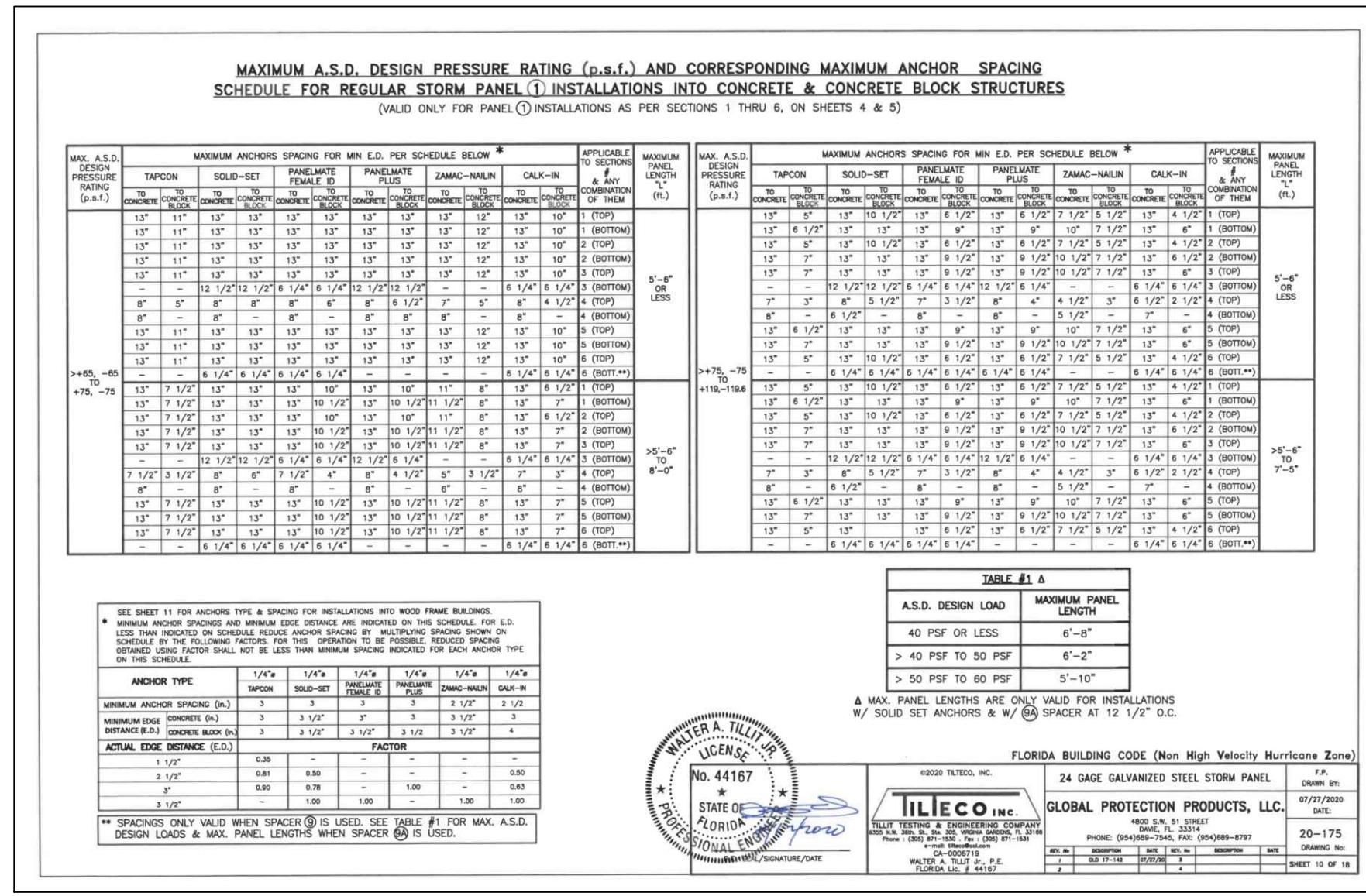
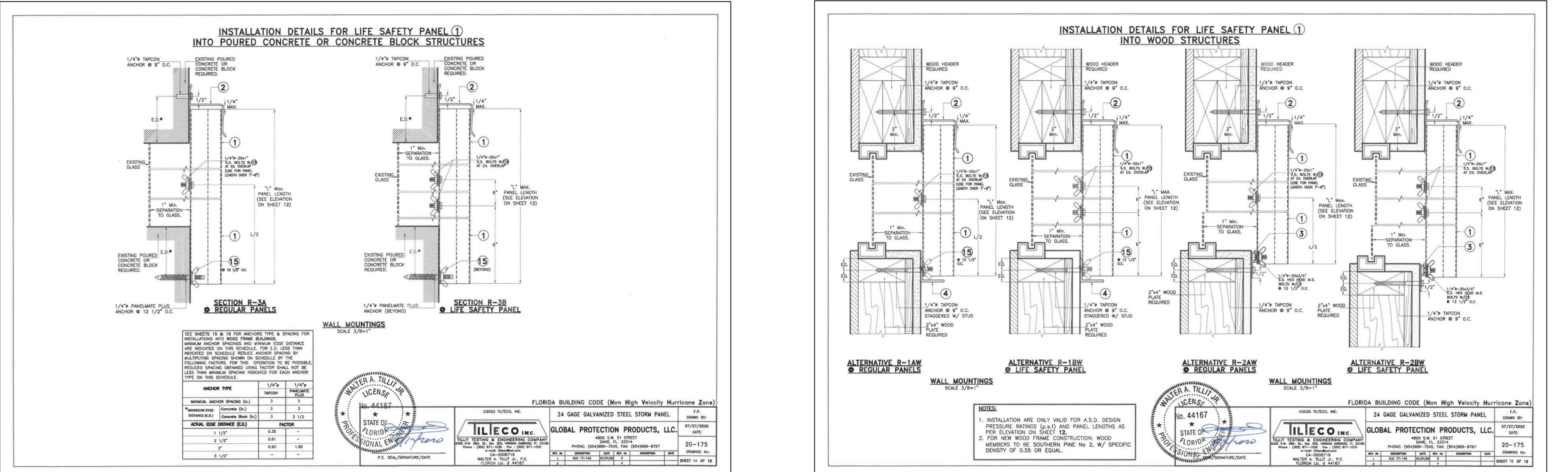
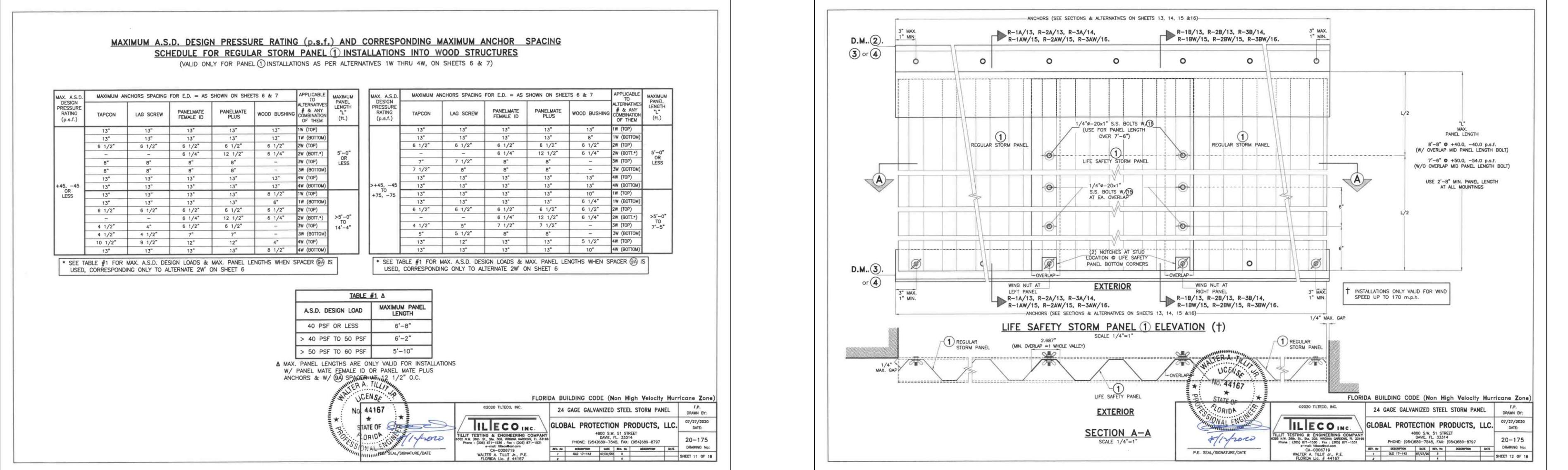
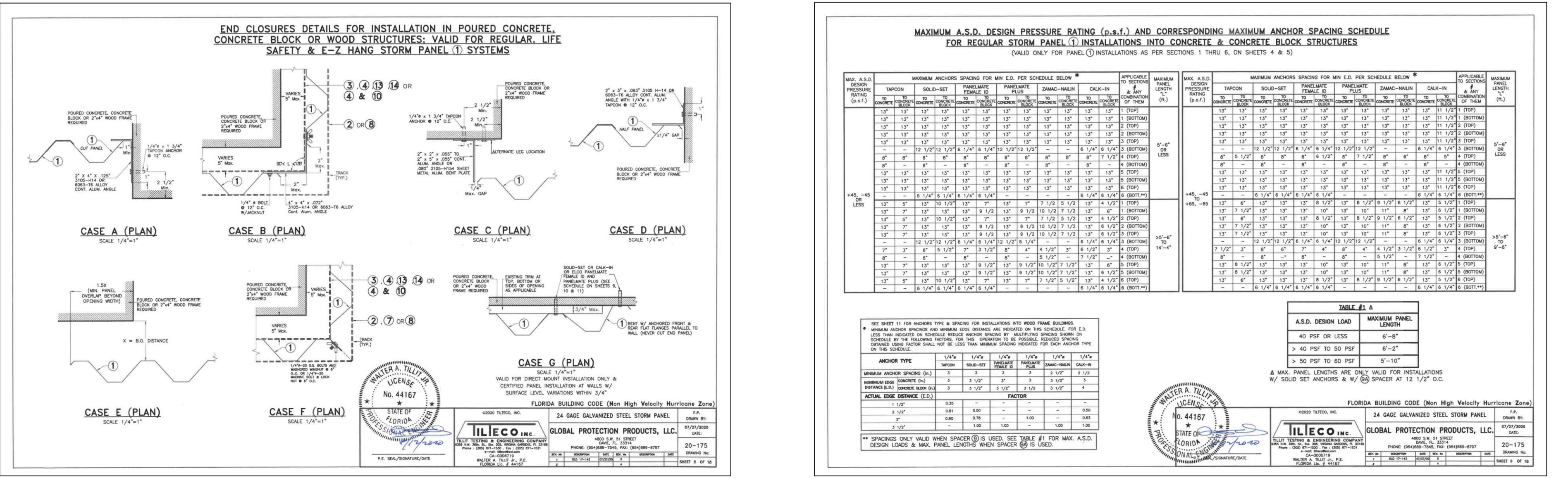
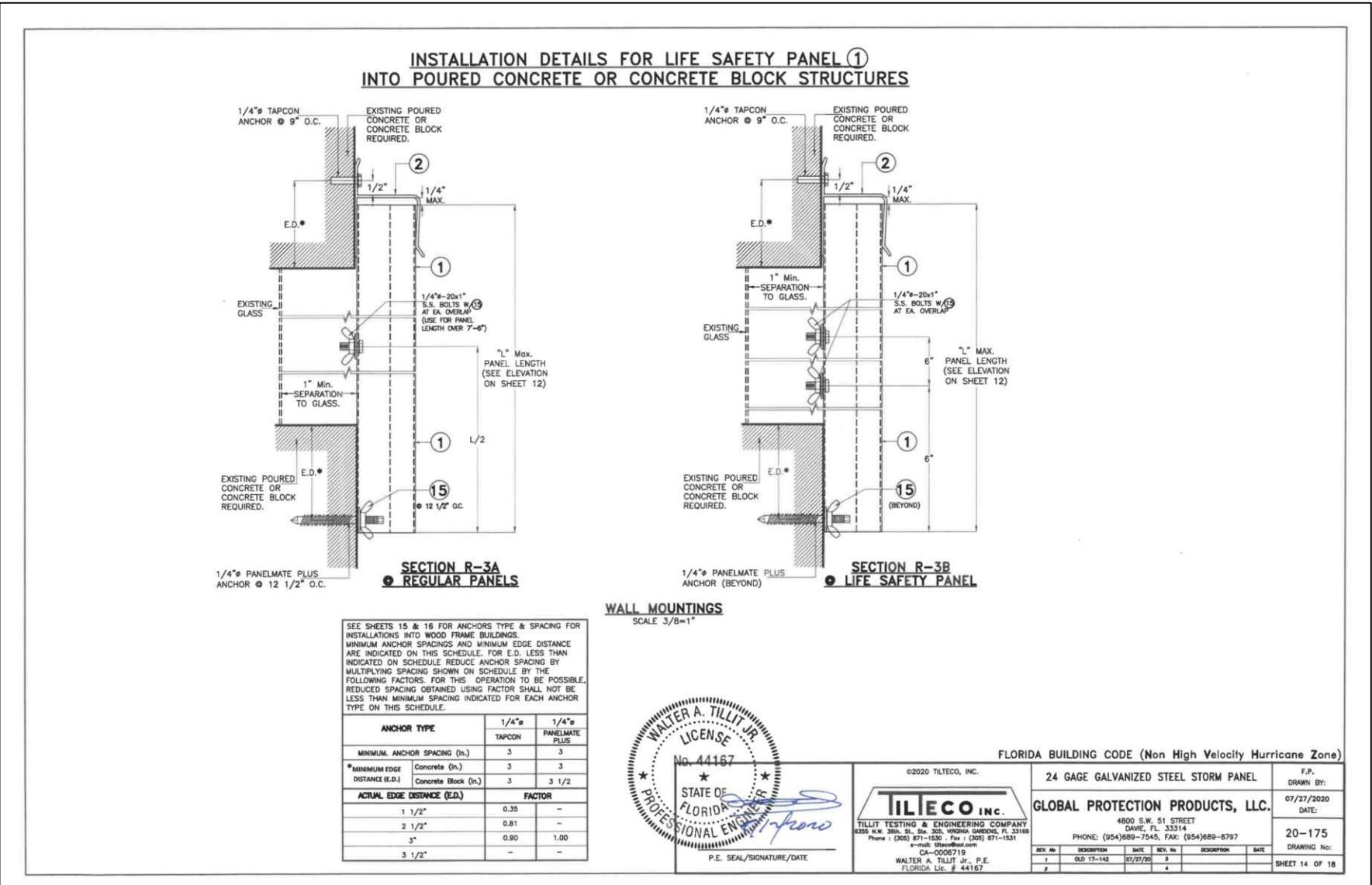
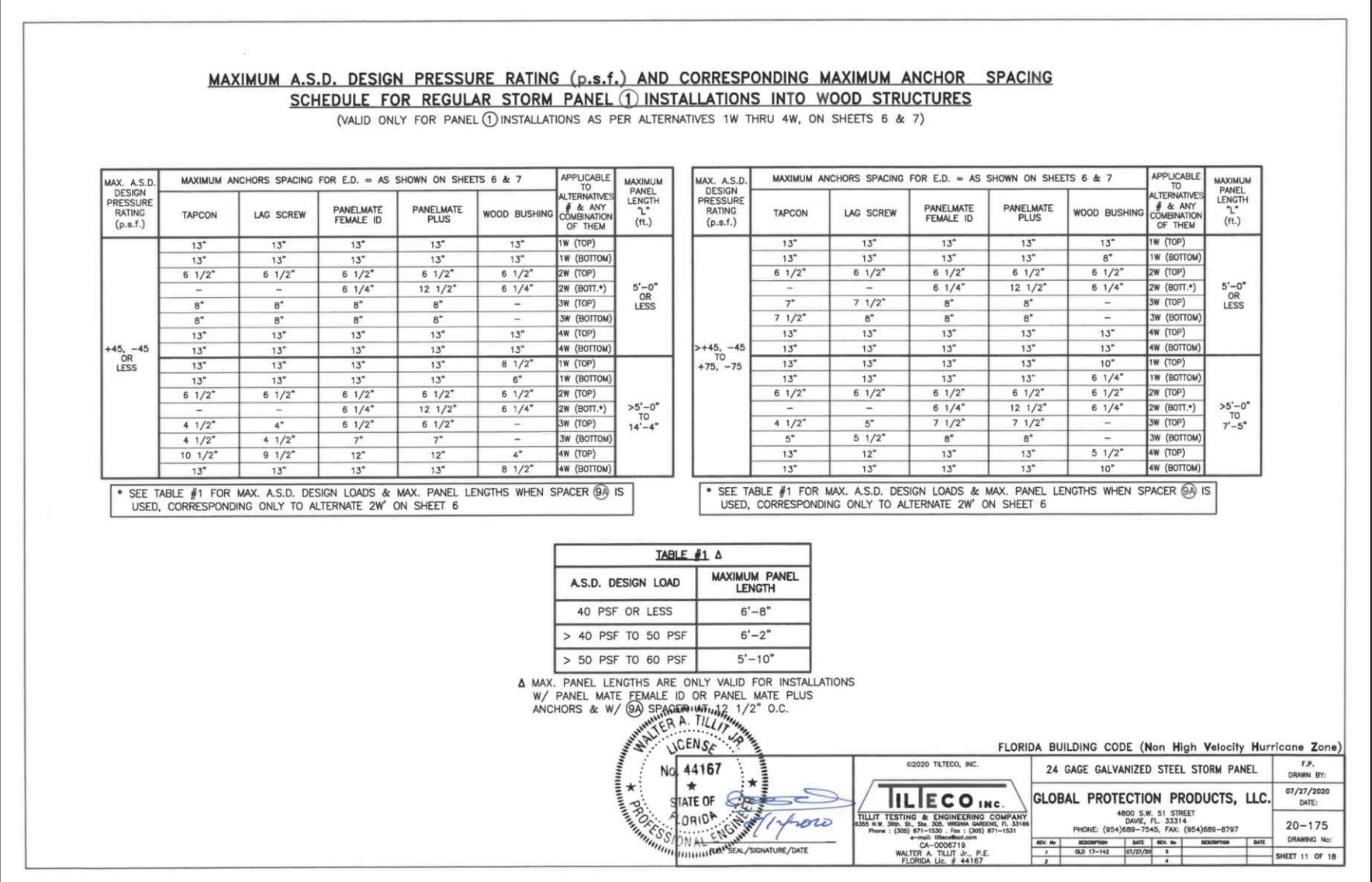
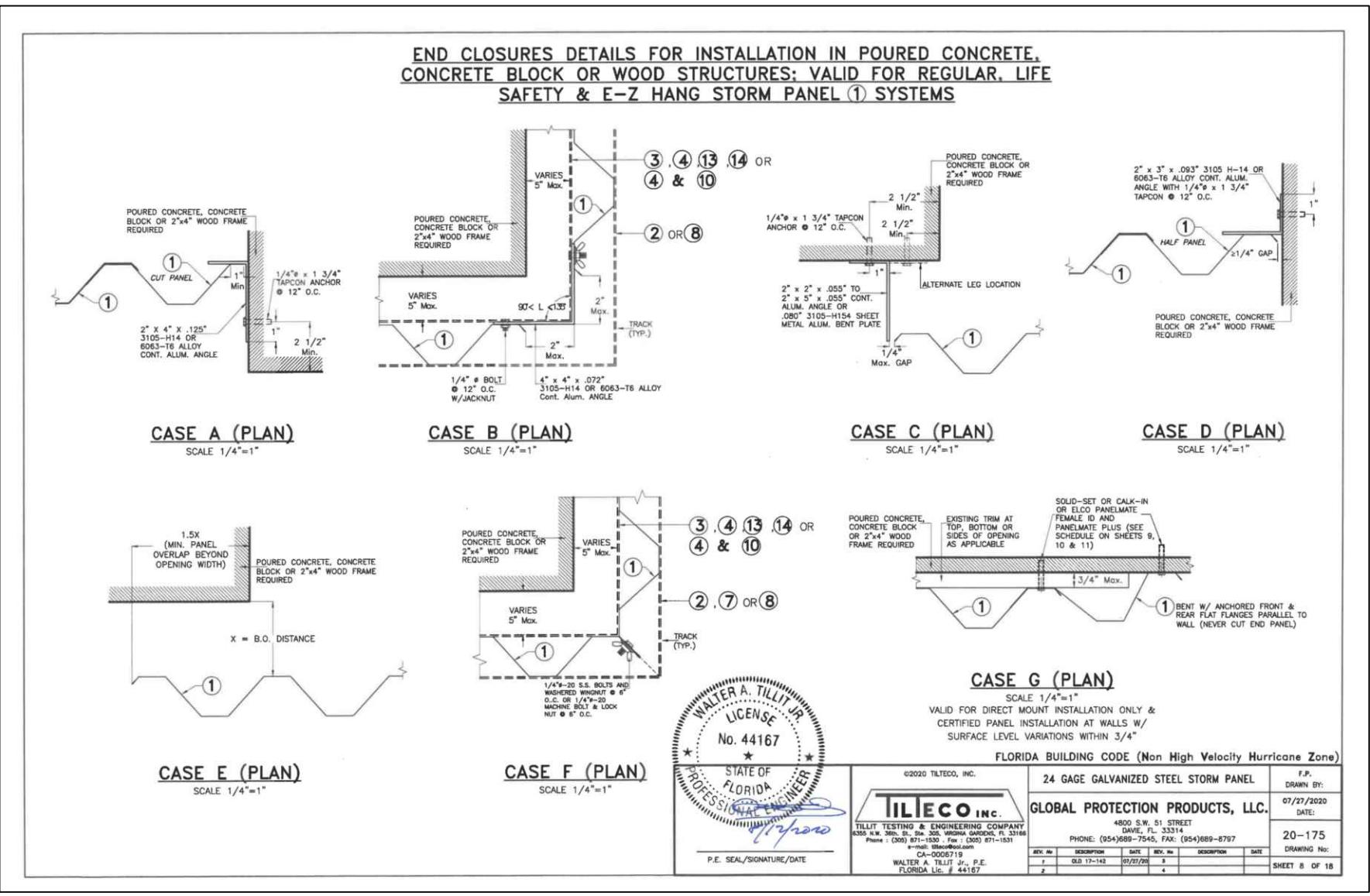
Hurricane Shutters

SHEET NO.
SH 1.4

PLAN NAME

Base Product Approval Sheet

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based on product approval
information located on the
State of Florida's Product
Approval web site.



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Hurricane Shutters

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