

OWNER INFORMATION:

SG BUILD COMPANY
10329 CROSS CREEK BLVD.
SUITE P
TAMPA, FL 33647

ENGINEER INFORMATION:

DR. RAM A. GOEL, PH.D., P.E.
F.P.E. 47431.
SONEY FM LLC
CORY LAKE PROFESSIONAL CENTER
10329 CROSS CREEK BLVD., SUITE P
TAMPA, FL 33647
Ph: 727-420-4796
Fax: (813) 972-2846
www.soneyfmllc.com

CONTRACTOR INFORMATION:



AS-BUILT INFORMATION:

IT IS THE RESPONSIBILITY OF THE OWNER/CONTRACTOR TO PROVIDE ALL AS-BUILT INFORMATION TO THE ENGINEER INCLUDING BUT NOT LIMITED TO ALL DEVIATIONS TO THE APPROVED PLANS AND COST ESTIMATES.

CODES COMPLIED WITH:

1. FLORIDA BUILDING CODE-2017, 6TH EDITION RESIDENTIAL
2. ASCE 7-16 FOR WIND LOADS
3. FEMA FLOOD ZONE "X" DETERMINED TO BE OUTSIDE THE 500 YEAR FLOOD PLAIN AS PER FLOOD RATE MAP DATED 4TH FEBRUARY, 2009 FIRM PANEL NUMBER 12023C028RC.

PROPERTY INFORMATION:

PROPERTY USE: SINGLE FAMILY RESIDENTIAL
NEIGHBORHOOD: SUNSET MEADOWS

LEGAL DESCRIPTION:

LOT 2, BLOCK "A" "SUNSET MEADOWS"
ACCORDING TO THE PLAT THERE OF AS RECORDED IN
PLAT BOOK 9 AT PAGE(S) 6 & 7 OF THE PUBLIC RECORDS OF
COLUMBIA COUNTY, FLORIDA.

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LIABILITY INFORMATION:

THIS DRAWING IS VALID FOR 12 MONTHS AFTER THE DATE IT IS
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6TH EDITION OF THE FLORIDA BUILDING CODE IS CHANGED.

THIS DRAWING IS SIGNED AND SEALED FOR THE STRUCTURAL
PORTIONS OF THE DRAWING ONLY. ARCHITECTURAL, ELECTRICAL, OR
MECHANICAL DETAILS IF SHOWN, ARE FOR VISUAL REFERENCE ONLY
AND ARE NOT COVERED UNDER THIS SEAL.

YEAR BUILT: VACANT

AREA TABULATIONS:

1. LIVING UNIT: 1
2. NO. OF STORIES: 1
3. LOT 2 - 175'X125'=21,875 SQFT=0.5 ACRES
4. HEATED AREA = 1,709 SQFT
5. GARAGE AREA = 428 SQFT
6. COVERED ENTRANCE AREA =24 SQFT
7. COVERED LANAI AREA = 101 SQFT
8. TOTAL AREA = 2,262 SQFT
9. PAVED DRIVEWAY = 553 SQFT
10. TOTAL IMPERVIOUS AREA: 2,262+553 SQFT=2,815 SQFT
11. TOTAL PERVIOUS AREA: 19,060 SQFT

CODE ANALYSIS:

CODE :

FLORIDA BUILDING CODE RESIDENTIAL,
FBC 2017, 6TH EDITION EDITION FLORIDA
FIRE PREVENTION CODE 2017, 6TH EDITION EDITION

COUNTY: COLUMBIA COUNTY

CITY: LAKE CITY

CONSTRUCTION TYPE: VB

OCCUPANCY :

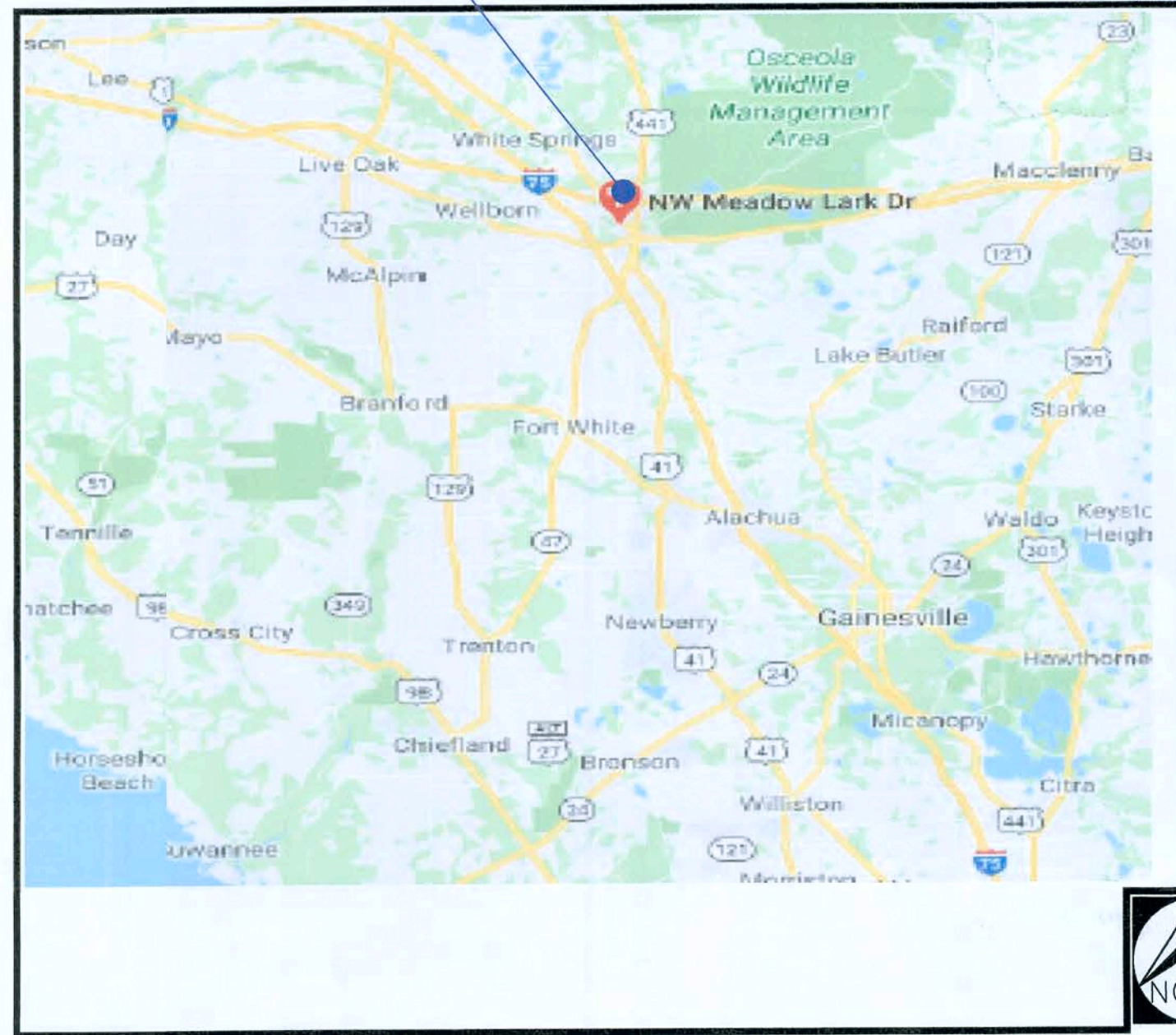
PROPOSED: RESIDENTIAL SINGLE FAMILY

HEIGHT & NO. OF STORIES:

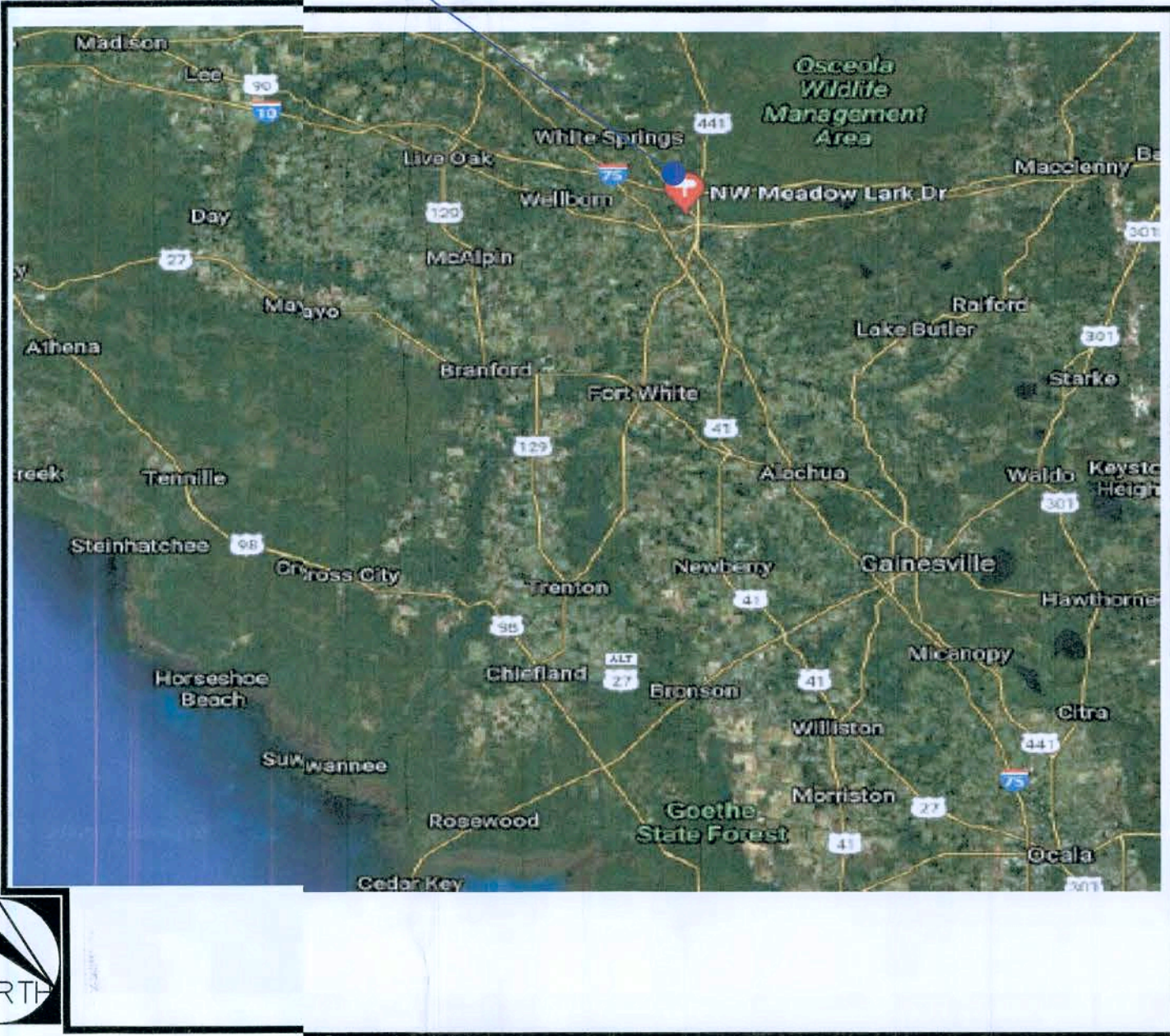
NUMBER OF STORIES: ONE STORY
BUILDING HEIGHT 19'-1"TT

SECTION 30, TOWNSHIP 03S, RANGE 17E
LAKE CITY, FLORIDA 32055
COLUMBIA COUNTY

PROJECT SITE



PROJECT SITE



INDEX

- C-1 - COVER SHEET
- SP-1 - SITE PLAN
- F-1 - FOUNDATION LAYOUT PLAN
- A-1 - FLOOR PLAN
- A-2 - ELEVATIONS
- A-3 - ROOF LAYOUT PLAN
- D-1 - WALLS AND ROOF TRUSS SECTION DETAILS
- D-2 - FRAMING DETAILS
- D-3 - EXTERIOR/INTERIOR DETAIL
- M-1 - HVAC LAYOUT PLAN
- E-1 - ELECTRICAL LAYOUT FLOOR PLAN
- P-1 - PLUMBING LAYOUT PLAN

SCOPE OF WORK:
1. CONSTRUCT ONE STORY RESIDENTIAL HOUSE MEETING
ALL THE REQUIREMENTS OF FBC CODE
LATEST EDITION 2017, 6TH EDITION.

150 ENCLOSED EXP C

WIND - THIS PLAN HAS BEEN DESIGNED TO COMPLY WITH ALL PROVISIONS OFF
FBC 2017, 6TH EDITION INCLUSIVE OF ASCE 7-16. WIND PROVISIONS FOR A NOMINAL
DESIGN 3-SEC GUST OF 150 MPH. AS DEFINED IN SECTION 1609.2, DEFINITION (2).
THIS STRUCTURE DOES MEET THE REQUIREMENTS FOR AN ENCLOSED BUILDING AND
AS SUCH HAS BEEN DESIGNED WITH AN INTERNAL PRESSURE COEFFICIENT OF +18
AND -18, UNADJUSTED FOR ZONES 1, 2, AND 3. DESIGN HAS UTILIZED A WIND
IMPORTANCE FACTOR OF 1.00 FOR BUILDING CATEGORY II IN AN EXPOSURE B AREA
AND COMPLIES WITH WIND SPEED MAPS AS ADOPTED BY COUNTY JURISDICTION.

ENCLOSED BUILDING							
DESIGN WIND PRESSURE (PSF)							
Zone	Effective Wind Area	Basic Wind Speed		Zone	Effective Wind Area	Basic Wind Speed	
4	150 MPH 3-sec. Gust	150 MPH 3-sec. Gust		5	130 MPH 3-sec. Gust	130 MPH 3-sec. Gust	
ZONE 4 - W 1	SQ FT	+		SQ FT	+		
	<10	30.4	33.0	<10	30.4	34.0	4
	15	29.7	32.3	15	29.7	33	3
	20	29.0	31.6	20	29.0	33	3
	25	28.7	31.3	25	28.7	33	3
	30	28.4	31.0	30	28.4	33	3
	35	28.1	30.7	35	28.1	33	3
	40	27.8	30.4	40	27.8	33	3
	45	27.5	30.1	45	27.5	33	3
	50	27.2	29.8	50	27.2	33	3
ZONE 5 - W 2	75	26.6	29.1	75	26.6	33	3
	100	25.9	28.4	100	25.9	33	3
	9'-0" WIDE		7'-0" HEIGHT	26.7		30.2	
ZONE 5 - W 2	16'-0" WIDE		7'-0" HEIGHT	25.6		28.2	
	GARAGE DOOR			26.7		30.2	
				25.6		28.2	
ROOF WIND ZONES							
DESIGN PRESSURES FOR THE ROOF ZONES ARE TAKEN FROM THE MOST CONSERVATIVE CASE, INCLUDING ROOF SLOPE, EFFECTIVE AREA, AND OVERHANG CONDITIONS)							
ZONE 1							
27.8							
ZONE 2							
27.8							
ZONE 3							
27.8							
7							
NOTES:							
1. ANY WINDOW, ALL OR PART, WHICH IS WITHIN 6' OF A CORNER SHALL BE CONSIDERED ZONE 5 PER CHART ABOVE, ALL OTHER WINDOWS ARE CLASSIFIED IN ZONE 4.							
2. ROUND AREA DOWN TO THE LARGEST PRESSURE IN THE CHART ABOVE.							

NOTES:

1. ANY WINDOW, ALL OR PART, WHICH IS WITHIN 6' OF A CORNER SHALL BE CONSIDERED ZONE 5 PER CHART ABOVE, ALL OTHER WINDOWS ARE CLASSIFIED IN ZONE 4.
2. ROUND AREA DOWN TO THE LARGEST PRESSURE IN THE CHART ABOVE.

- DESIGN PRESSURES ABOVE REPRESENT THE NET PRESSURE (SUM OF EXTERNAL AND INTERNAL PRESSURES) APPLIED NORMAL TO ALL SURFACES. COMPONENT MANUFACTURERS SHALL USE THE HIGHER OF THE TWO NUMBERS FOR APPLICABLE SQUARE FOOTAGE.

Notes:

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Richard G. Marceau, P.E. # 64466 6-18-20

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COVER SHEET

LINCOLN MODEL HOME

155 NW MEADOW LARK DR.

LAKE CITY, FL 32055

C-1



Richard G. Marceau, P.E. # 64466
PH: 813-388-6090

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Drawn By: V.M.
Checked By: S.G.

Issue Date: 06-17-20		
Revisions:		
No.	Date	Description
1	11	
2	11	
3	11	
4	11	

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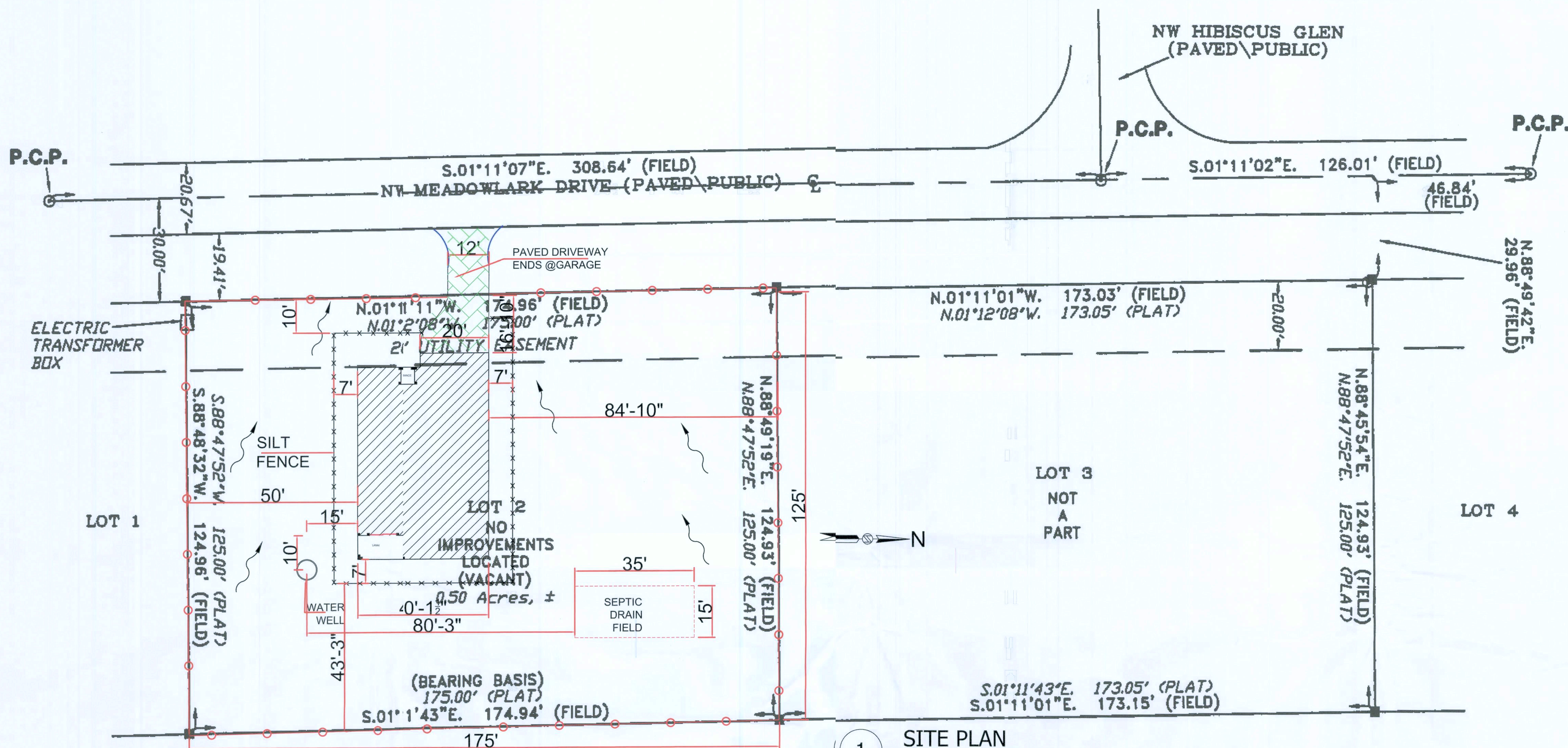
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1. 6/17/20
2. 6/17/20
3. 6/17/20

SITE PLAN

LINCOLN MODEL HOME
155 NW MEADOW LARK DR.
LAKE CITY, FL 32055

SP-1



1 SITE PLAN
Scale: 1" = 15'-0"

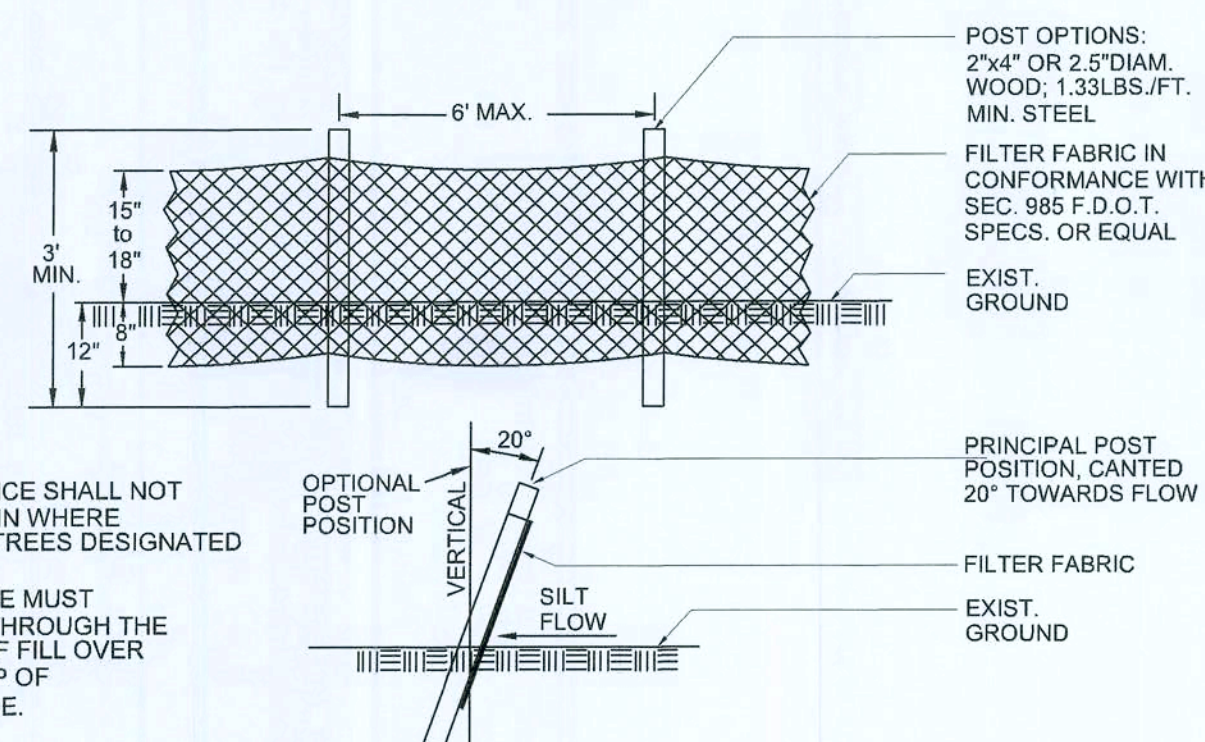
PARCEL # 05840-000
MICHAEL GEORGE MAZZOCHI

LEGEND

- DEOTES 5/8" IRON ROD & CAP SET (LB7683)
- DEOTES IRON PIPE OR REBAR FOUND (5/8")
- DEOTES 4"x4" CONCRETE MONUMENT SET (LB7683)
- DEOTES 4"x4" CONCRETE MONUMENT FOUND
- ⊙ DEOTES NAIL & DISC FOUND
- NO ID - NO IDENTIFICATION
- FND - FOUND
- CM - CONCRETE MONUMENT
- ± - WRE OR LESS
- ORB - OFFICIAL RECORDS BOOK
- PG - KGE (S)
- (P) - LAT
- (D) - EED
- (C) - CALCULATED
- (M) - EASURED
- AC - CRE(S)
- POB - POINT OF BEGINNING
- POC - POINT OF COMMENCEMENT
- EOP - DGE OF PAVEMENT
- EOG - DGE OF GRADE
- N - NORTH
- EAT - EAST
- SGTH - SOUTH
- W - WEST
- PC - POINT OF CURVATURE
- PI - POINT OF INTERSECTION
- PT - POINT OF TANGENCY
- IP - IRON PIPE
- IPC - IRON PIPE AND CAP
- IR - IRON ROD
- IRC - IRON ROD AND CAP
- R - RADIUS
- T - TANGENT
- L - ARC LENGTH
- Δ - CENTRAL ANGLE
- CH - CHORD BEARING & DISTANCE
- R/W - RIGHT OF WAY
- TWP - TOWNSHIP
- RNG - RANGE
- X - DENOTES FENCE
- E - DENOTES OVERHEAD ELECTRIC
- - POWER POLE
- CONCRETE
- ◇ - TELEPHONE PEDESTAL
- × × × - SILT FENCE
- ~ - FLOW ARROW

SYMBOL LEGEND:

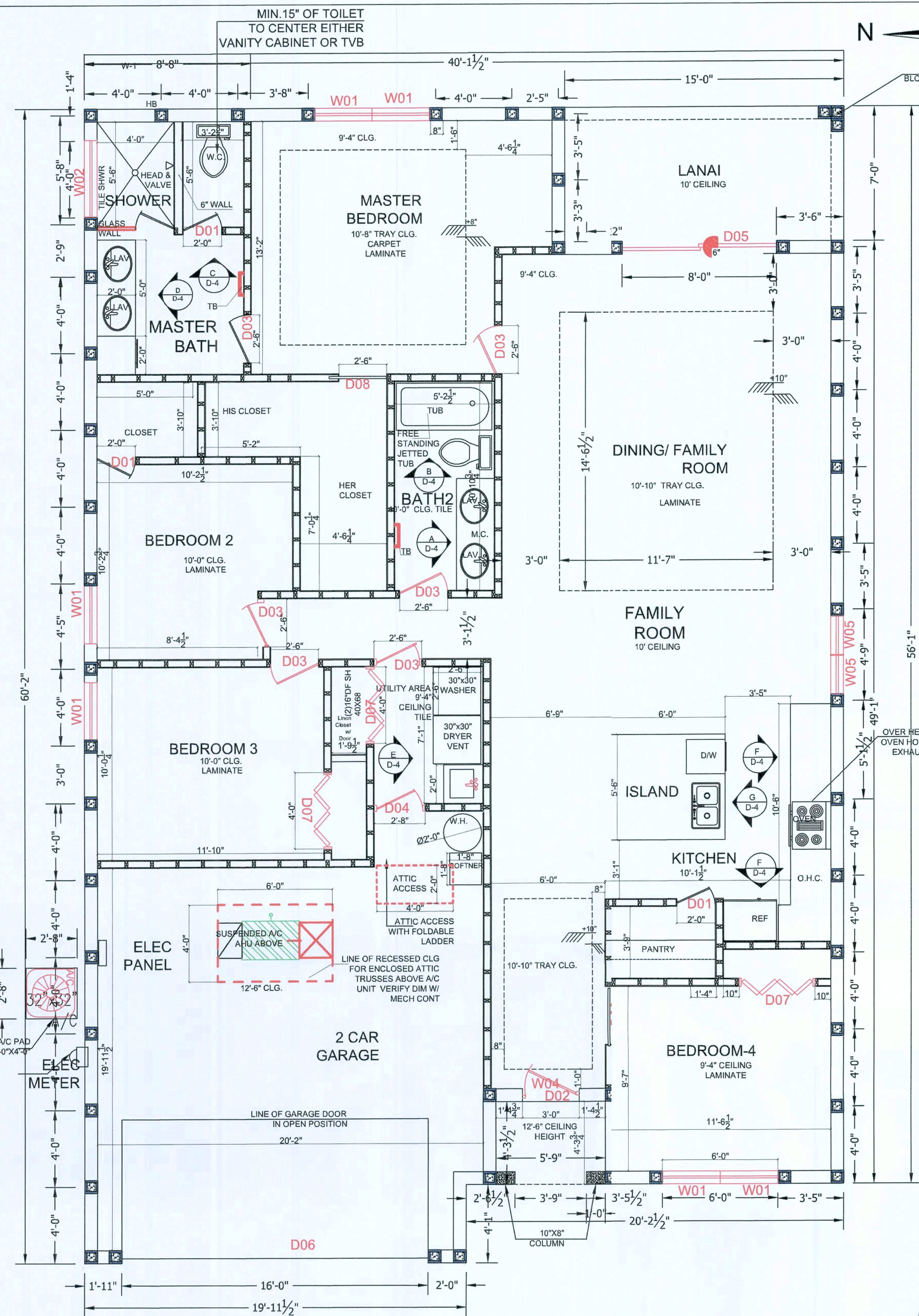
- 4"x4" CONCRETE MONUMENT FOUND
- 4"x4" CONCRETE MONUMENT SET
- IRON PIPE FOUND
- IRON PIN AND CAP SET
- × "X" CUT IN PAVEMENT
- ⊙ CALCULATED PROPERTY CORNER
- ⊙ NAIL & DISK
- ⊙ POWER POLE
- ⊙ SIGN POST
- ⊙ WATER METER
- ⊙ UTILITY BOX
- ⊙ WELL
- ⊙ SANITARY MANHOLE
- CENTERLINE
- SECTION LINE
- ELECTRIC LINES
- WIRE FENCE
- CHAIN LINK FENCE
- WOODEN FENCE
- (PLAT) AS PER A PLAT OF RECORD
- (DEED) AS PER A DEED OF RECORD
- (CALC) AS PER CALCULATIONS
- (FIELD) AS PER FIELD MEASUREMENTS
- P.R.M. PERMANENT REFERENCE MARKER
- P.C.P. PERMANENT CONTROL POINT



SILT BARRIER DETAIL

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Richard G. Marceau, P.E. # 64466
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3 FLOOR PLAN
Scale: 1/4" = 1'-0"

PRODUCT APPROVAL SPECIFICATION SHEET				
CATEGORY/SUBCATEGORY	MANUFACTURER	PRODUCT DESCRIPTION	APPROVAL NUMBER(S)	IMPACT APPROVAL NUMBER(S)
1. EXTERIOR DOORS				
FIXED	THERMA-TRU CORP	SWINGING DOORS	FL 15227.3 FL 15227.5	
FIXED	PGT	SLIDING DOORS	FL 251.10	FL 251.6
2. WINDOWS				
SINGLE/DOUBLE HUNG	pgt	SINGLE HUNG	FL 239.1	FL 239.4
HORIZONTAL SLIDER	pgt	HORIZONTAL SLIDER	FL 242.1	FL 242.4
FIXED	pgt	FIXED WINDOWS	FL 243.1	FL 243.3
3. PANEL WALL				
SOFFIT	plygem siding group	vinyl SOFFIT	FI 15847	
4. ROOFING PRODUCTS				
asphalt SHINGLES	owens corning	asphalt SHINGLES	FI 10674	
ROOFING TILES	MONIER/LIFESTYLE eagle	ROOF TILE	FL 601-r5 FL 7473	
5. STRUCT COMPONENTS				
WOOD ANCHORS AND CONNECTORS	SIMPSON	WOOD CONNECTOR ANCHORS	FL 10456-r2, FL 10852-r1, FL 13872-r1, FL 11473-r2, FL 10667-r1, FL 10866-r2	
LINTELS	cast-crete	PRECAST CONCRETE LINTELS	FL 158-r5	
hurricane protection	global protection products, llc		20 gauge steel 24 gauge steel fabric shutter	FL 15076.1 FL 15076.2 FL 15088

DOOR SCHEDULE									
NUMBER	LABEL	QTY	FLOOR	CALL SIZE	WIDTH	HEIGHT	R/O	DESCRIPTION	HEADER THICKNESS
D01	2068	3	1	2480 IN	24"	80"	26 1/2"x82"	INTERIOR DOOR	2X4X38 1/2" 1 1/2"
D02	3068	1	1	3680EX	36"	80"	38 1/2"x82"	FRONT DOOR EXTERIOR	2X4X50 1/2" 1 3/4"
D03	2668	6	1	3080 IN	30"	80"	32 1/2"x82"	INTERIOR DOOR	2X4X44 1/2" 1 1/2"
D04	2868	1	1	3280EX	32"	80"	34 1/2"x82"	SOLID CORE DOOR	2X4X46 1/2" 1 5/8" SOLID CORE
D05	8080	1	1	9696EX	96"	96"	98 1/2"x98 1/2"	SLIDING GLAZED DOOR	2X4X110 1/2" 1 3/4"
D06	1668	1	1	19280EX	192"	84"	194 1/2"x82"	GARAGE DOOR	2X4X206 1/2" 1 3/4"
D07	4068	3	1	4880IN	48"	80"	50 1/2"x82"	BIFOLD DOOR	2X4X62 1/2" 1 1/2"
D08	2668	1	1	3080 IN	30"	80"	32 1/2"x82"	BARN DOOR	2X4X44 1/2" 1 1/2"
D09	2668	1	1	3080 IN	30"	80"	32 1/2"x82"	POCKET SLIDER	2X4X44 1/2" 1 1/2"

WINDOW SCHEDULE								
NUMBER	LABEL	QTY	FLOOR	CALL SIZE	WIDTH	HEIGHT	R/O	TYPE
W01	3056	6	1	3666	36"	66"	37 1/2"x66"	SINGLE HUNG
W02	4020	1	1	4824	48"	24"	49 1/2"x 30"	AWNING
W03	2640	1	1	3048	30"	18"	31 1/2"x54"	FIXED
W04	3016	1	1	3618	36"	18"	37 1/2"x18"	
W05	2056	2	1	2466	24"	66"	25 1/2" X68"	SINGLE HUNG

HEADER SCHEDULE		
OPENING SIZE	HEADER	REMARKS
UP TO 3'-4"	DOUBLE 2X6	-----
3'-5" TO 6'-0"	DOUBLE 2X8	-----
6'-1" TO 8'-6"	DOUBLE 2X10	(2) JACK STUDS EACH ENDS
8'-7" TO 12'-6"	DOUBLE 2X12	(2) JACK STUDS EACH ENDS

R311.2 EGRESS DOOR
AT LEAST ONE EGRESS DOOR SHALL BE PROVIDED FOR EACH DWELLING UNIT. THE EGRESS DOOR SHALL BE SIDE-HINGED, AND SHALL PROVIDE A MINIMUM CLEAR WIDTH OF 32 INCHES (813 mm) WHEN MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES (1.57 rad). THE MINIMUM CLEAR HEIGHT OF THE DOOR OPENING SHALL NOT BE LESS THAN 78 INCHES (1981 mm) IN HEIGHT MEASURED FROM THE TOP OF THE THRESHOLD TO THE BOTTOM OF THE STOP. OTHER DOORS SHALL NOT BE REQUIRED TO COMPLY WITH THESE MINIMUM DIMENSIONS. EGRESS DOORS SHALL BE READILY OPENABLE FROM INSIDE THE DWELLING WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.

TABLE R302.6 DWELLING / GARAGE SEPARATION	
SEPARATION	MATERIAL
FROM THE RESIDENCE AND ATTICS	NOT LESS THAN 1/2 INCH GYPSUM BOARD OR EQUIVALENT APPLIED TO THE GARAGE SIDE
FROM ALL HABITABLE ROOMS ABOVE THE GARAGE	NOT LESS THAN 5/8 INCH TYPE "X" GYPSUM BOARD OR EQUIVALENT
STRUCTURE(S) SUPPORTING FLOOR/CEILING ASSEMBLIES USED FOR SEPARATION REQUIRED BY THIS SECTION	NOT LESS THAN 1/2 INCH GYPSUM BOARD OR EQUIVALENT
GARAGES LOCATED LESS THAN 3 FEET FROM A DWELLING UNIT ON THE SAME LOT	NOT LESS THAN 1/2 INCH GYPSUM BOARD OR EQUIVALENT APPLIED TO THE INTERIOR SIDE OF EXTERIOR WALLS THAT ARE WITHIN THIS AREA
FOR SI: 1 INCH = 25.4 mm, 1 FOOT = 304.8 mm	

TABLE R301.2(4) GARAGE DOOR LOADS FOR A BUILDING WITH A MEAN HEIGHT OF 30 FEET LOCATED IN EXPOSURE B							
Vased AS DETERMINED IN ACCORDANCE WITH SECTION R301.2.1.3 (MPH - 3 SECOND GUST)							
ROOF ANGLE <10 DEGREES	90	100	110	120	130	140	150
EFFECTIVE AREA:							
WIDTH (FT.)	HEIGHT (FT.)						
9	7	12.8-14.5	15.8-17.9	19.1-21.6	22.8-25.8	26.7-30.2	31.0-35.1
16	7	12.3-13.7	15.2-16.9	18.3-20.4	21.8-24.3	25.6-28.5	29.7-33.1

FOR SI: 1 FOOT = 304.8 mm, 1 SQUARE FOOT = 0.0929 m², 1 MILE PER HOUR = 1.609 km/h
1. FOR EFFECTIVE AREAS OR WIND SPEEDS BETWEEN THOSE GIVEN ABOVE THE LOAD MAY BE INTERPOLATED. OTHERWISE USE THE LOAD ASSOCIATED WITH THE LOWER EFFECTIVE AREA.
2. TABLE VALUES SHALL BE ADJUSTED FOR HEIGHT AND EXPOSURE BY MULTIPLYING THE ADJUSTMENT COEFFICIENT IN TABLE R301.2(3).
3. PLUS AND MINUS SIGNS SIGNIFY PRESSURES ACTING TOWARD AND AWAY FROM THE BUILDING SURFACES.
4. NEGATIVE PRESSURES ASSUME DOOR HAS 2 FEET WIDTH IN BUILDING'S END ZONE

GENERAL PLUMBING NOTES

- ALL WORK AS PER GENERAL SPECIFICATIONS AND ALL FEDERAL, STATE AND LOCAL CODES.
- FOR HOT AND COLD WATER APPLICATIONS TYPE L COPPER SHALL BE USED OR PEX AS ALLOWED BELOW.
- CROSSLINKED POLYETHYLENE (PEX) PIPING MAY BE SUBSTITUTED FOR COPPER GIVEN THE FOLLOWING SPECIFICATIONS. USE ON COLD WATER AND HOT WATER APPLICATIONS NOT TO EXCEED 140 DEGREES F. ZURN OR EQUAL PIPE AND FITTINGS SHALL BE USED. THE FOLLOWING STANDARDS SHALL BE ADHERED TO: ASTM F876 FOR THE PIPE, ASTM F1807 BRASS FITTINGS MUST BE USED. DO NOT HYPERCLORATE THE SYSTEM IN EXCESS OF 5 PPM OR AS ALLOWED BY MANUFACTURER. DO NOT STORE PEX IN DIRECT SUNLIGHT. DO NOT BUY PEX FROM ANY WAREHOUSE KEEPING PEX STORED OUTSIDE. DO NOT INSTALL ANY PEX PIPING THAT HAS BEEN EXPOSED TO SUNLIGHT LONG ENOUGH FOR THE LABELING TO FADE. PEX THAT IS TO BE EXPOSED IN OPEN SLAB APPLICATIONS FOR LONGER THAN ONE WEEK SHALL BE WRAPPED IN ALUMINIZED TAPE TO PROTECT AGAINST UV DEGRADATION.
- ALL FIXTURES USED SHALL BE AS PER SCHEDULE OR EQUAL.
- ALL FIXTURES SHALL HAVE STOP VALVES AT WALL.
- ALL VENTS SHALL BE CARRIED THROUGH ROOF, COMPLETE WITH ROOF SYSTEM COMPATIBLE ROOF JACKS.
- ALL TOILET SEATS SHALL BE FOR ELONGATED BOWLS WITH OPEN FRONTS.
- TO FACILITATE THE CLARITY OF THE DRAWINGS, SEWER, WATER, AND GAS LINES ARE NOT ALWAYS SHOWN IN THEIR EXACT LOCATIONS.
- CONTRACTOR SHALL VISIT JOB SITE PRIOR TO BID AND VERIFY EXISTING CONDITIONS. NOTIFY ENGINEER IF EXISTING CONDITIONS DO NOT MATCH CONTRACT DOCUMENTS.
- PROVIDE WETTED TRAPS TO ALL FLOOR DRAINS.
- ROUTE TEMPERATURE AND PRESSURE RELIEF FROM WATER HEATER TO SEWER OR TO THE OUTSIDE OF BUILDING.



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Issue Date: 06-17-20		
Revisions:		
No.	Date	Description
1		
2		
3		
4		

FLOOR PLAN

LINCOLN MODEL HOME
155 NW MEADOW LARK DR.
LAKE CITY, FL 32055

A-1

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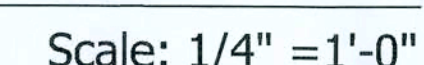
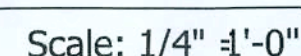
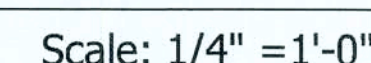
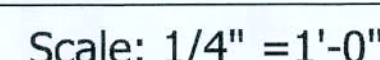
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Richard G. Marceau
Richard G. Marceau, P.E. # 64466 *6-18-2*

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Notes



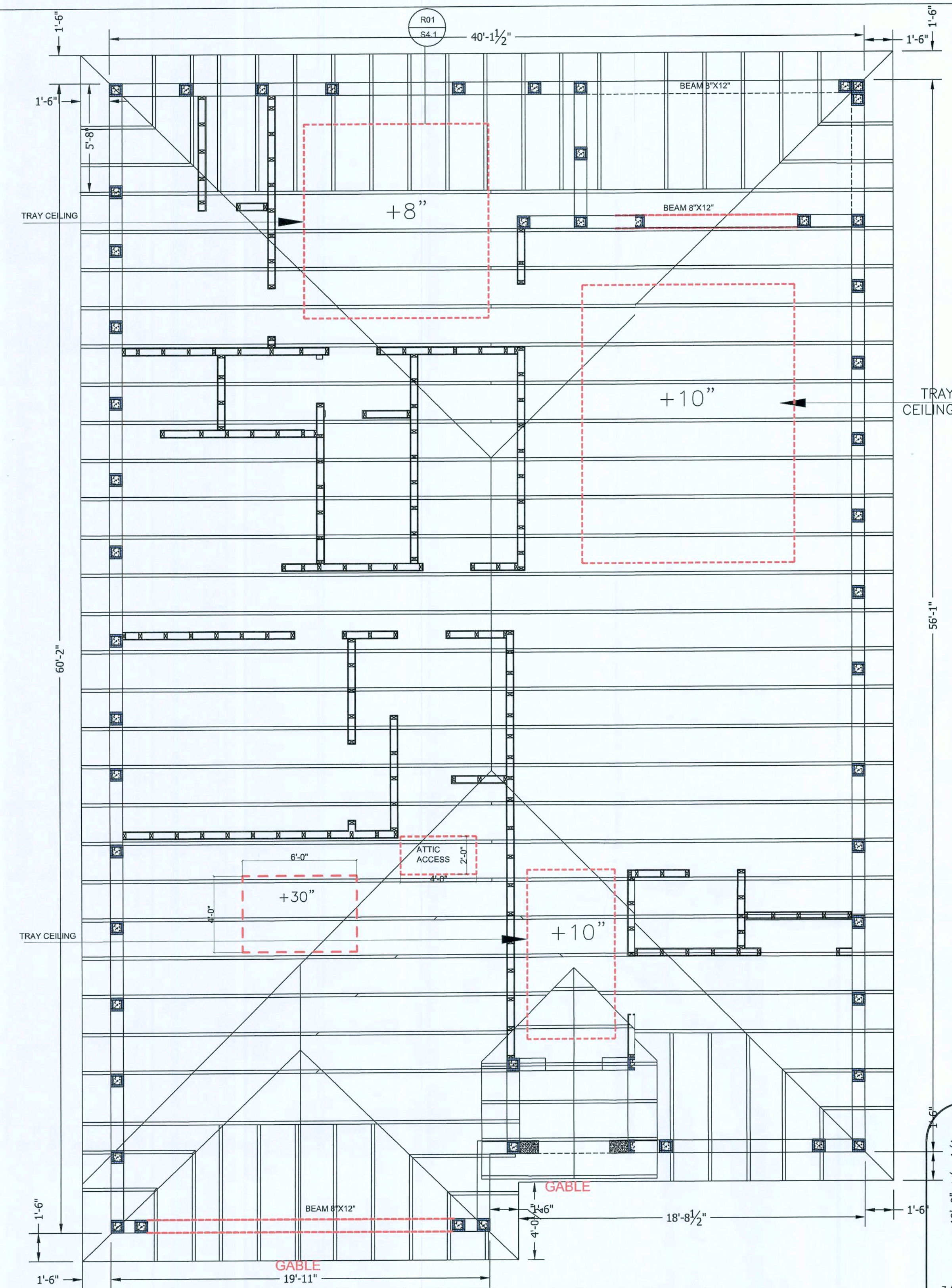
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Job # S2022
Drawn By: V.M.
Checked By: S.G.

Issue Date: 06-17-20
Revisions:
No. Date Description
1 / /
2 / /
3 / /
4 / /

ROOF LAYOUT PLAN
LINCOLN MODEL HOME
155 NW MEADOW LARK DR.
LAKE CITY, FL 32055

A-3



6 ROOF LAYOUT PLAN

Scale: 1/4" = 10"

NOTE:
1. ROOF TRUSS LAYOUT IS SCHEMATIC ONLY ACTUAL LAYOUT WILL BE AS PER ROOF TRUSS MANUFACTURER.

2. ROOF PLAN TO COMPLY WITH THE REQUIREMENTS OF THE PFP-1013.6.11, FFPC 6TH EDITION.

ROOF SHEATHING	NAILS	ROOF FASTENING ZONE
SHINGLE 7/16" SPAN RATED PLYWOOD OR OSB 113"X2-3/8"	8D RING SHANK OSB 113"X2-3/8"	1 1 1
TILE 15/32" SPAN RATED PLYWOOD	8D RING SHANK OSB 113"X2-3/8"	1 1 1

NOTES:
1. LONG SIDE OF SHEATHING TO BE TRUSSES OR RAFTERS-TYPICAL.
2. EDGE SPACING ALSO APPLIES OVER GABLE END WALLS OR TRUSSES.
3. FASTENING ZONE 2 AND 3 ARE EQUAL TO 10% OF TOTAL HOUSE WIDTH, DIMENSION "X" FROM ROOF EDGE
30" WIDE HOUSE=3' ZONE, 50" WIDE HOUSE=5' ZONE 60" WIDE HOUSE=6' ZONE

ALL MANUFACTURED PRODUCTS SUCH AS ROOFING, WINDOWS, DOORS, ETC. ARE SHOWN HEREIN FOR ILLUSTRATION PURPOSES ONLY. THE INFORMATION SHOWN IS THE RESPONSIBILITY OF THE MANUFACTURER. THE MANUFACTURER IS RESPONSIBLE FOR THE VALIDITY OF THE COMPONENTS PROVIDED. ATTACHMENT INFORMATION GIVEN BY THE MANUFACTURER IS PROVIDED HEREIN. CONTRACTOR, AS PROJECT COORDINATOR, SHALL BE RESPONSIBLE FOR INSURING THAT THE APPROPRIATE PRODUCT/COMPONENT IS USED AND THAT IT WILL WITHSTAND THE COMPONENTS AND CLADDING PRESSURES REQUIRED BY THE SEALED PLANS.

ENGINEER OF RECORD HAS NOT REVIEWED THIS INFORMATION FOR APPLICABILITY AS A FORM OF PRODUCT APPROVAL OR ENDORSEMENT.

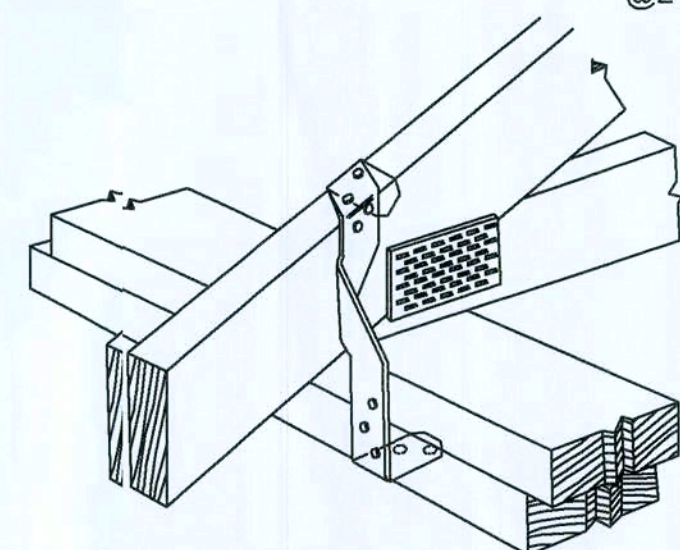
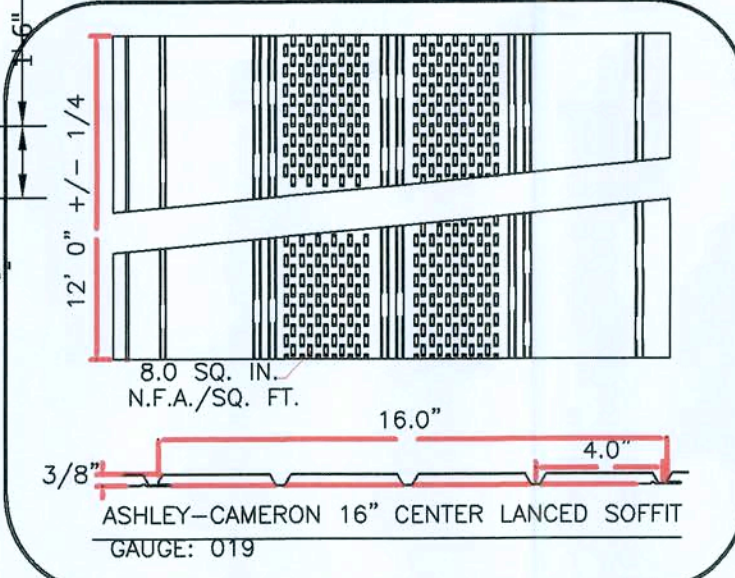
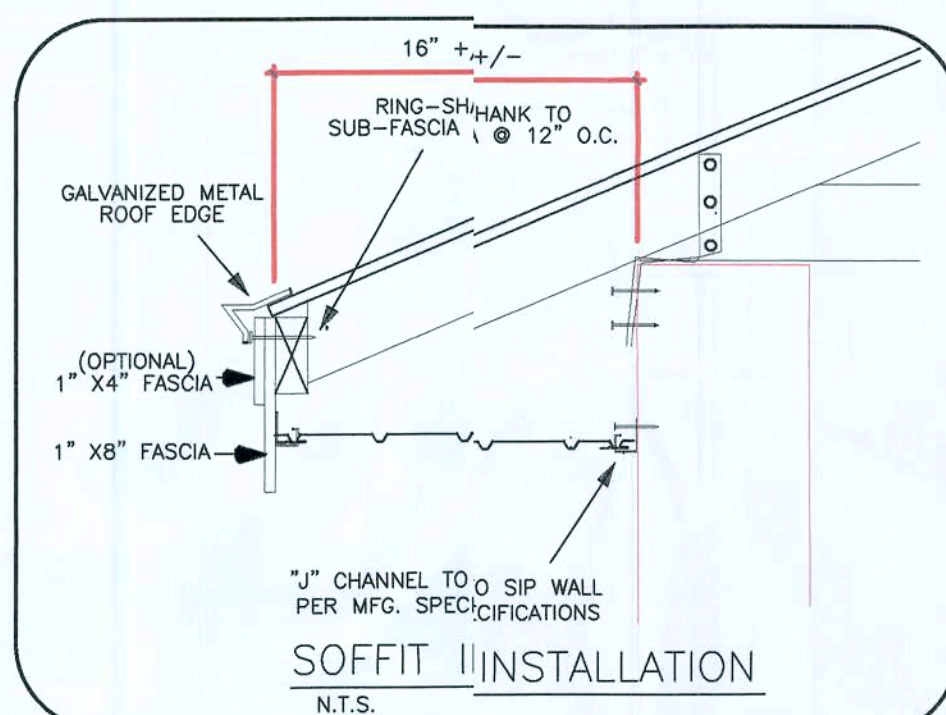
- NOTE:
1. ALL PRE-ENGINEERED WOOD PRODUCTS SHALL BE VERIFIED BY TRUSS MANUFACTURER. TRUSS MANUFACTURER SHALL HAVE THE AUTHORITY TO MAKE SUBSTITUTIONS FOR PRODUCTS SPECIFIED ON THE PLANS DUE TO AVAILABILITY OR ECONOMICS. CHANGES SPECIFIED BY THE TRUSS MANUFACTURER SHALL CONTROL. CHANGES MADE AFTER TRUSS ENGINEERING HAS BEEN PROVIDED TO ENGINEER OF RECORD, MUST BE APPROVED BY THE ENGINEER OF RECORD.
2. FRAMING PLAN IS DIAGRAMMATIC IN NATURE AND IS PROVIDED FOR ILLUSTRATION PURPOSES ONLY. TRUSS MANUFACTURER TO PROVIDE SEPARATE LAYOUT AND TRUSS COMPONENT DESIGN SIGNED AND SEALED BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER.
3. ALL PRE-ENGINEERED WOOD PRODUCTS ARE THE RESPONSIBILITY OF THE TRUSS MANUFACTURER. THE TRUSS ENGINEER IS A DELEGATED ENGINEER FOR THIS PROJECT, AND AS SUCH, IS RESPONSIBLE FOR THE VALIDITY OF THE COMPONENTS PROVIDED. FRAMING LAYOUTS SHOWN MAY BE CHANGED BY THE TRUSS MANUFACTURER. THE DELEGATED ENGINEER IS RESPONSIBLE FOR PROVIDING A FINAL SEALED SET OF ALL CALCULATIONS AND LAYOUTS FOR THIS PROJECT TO THE ENGINEER OF RECORD FOR REVIEW PRIOR TO MANUFACTURE OF SAID COMPONENTS. ENGINEER OF RECORD HAS NOT REVIEWED THE PRE-ENGINEERED TRUSS MANUFACTURER'S COMPONENTS AT THIS TIME AND RESERVES THE RIGHT TO MAKE ANY CHANGES AFTER SUCH INFORMATION HAS BEEN PROVIDED FOR REVIEW. CONTRACTOR, AS PROJECT COORDINATOR, SHALL BE RESPONSIBLE FOR INSURING INFORMATION REQUESTED ABOVE HAS BEEN SUBMITTED TO ENGINEER OF RECORD IN A TIMELY MANNER WHEN AVAILABLE.
4. ALL PRE-ENGINEERED TRUSSES TO BE DESIGNED USING THE MOST RECENT TPI CRITERIA. TRUSSES TO BE HANDLED AND INSTALLED USING MOST RECENT HIB RECOMMENDATIONS. TEMPORARY AND PERMANENT BRACING SHALL BE PER MOST RECENT HIB RECOMMENDATIONS UNLESS NOTED OTHERWISE, OR MORE STRINGENT CODE REQUIREMENTS APPLY. TRUSS ENGINEER IS RESPONSIBLE FOR INDICATING ALL TRUSS TO TRUSS CONNECTORS. ALL COMPONENTS TO BE DESIGNED FOR BOTH GRAVITY AND UPLIFT LOAD CASES, INCLUDING BEAM COMPONENTS.
5. UPON REVIEW, ENGINEER OF RECORD WILL PROVIDE A REVIEW LETTER INDICATING ANY CHANGE IN STRAPPING OR SUPPORT BASED ON THAT REVIEW. CONSTRUCTION COMMENCING PRIOR TO ENGINEER'S REVIEW IS SUBJECT TO MODIFICATION BASED ON REVIEW LETTER.

ATTIC TABULATION & VENTILATION

GROSS AREA OF ROOF	3898	SQUARE FEET
GROSS AREA OF VENTED SOFFIT	182	SQUARE FEET
NET AREA OF VENTED SOFFIT	127	SQUARE FEET (70%)
1/150 OF GROSS ROOF AREA	26	SQUARE FEET
1/300 OF GROSS ROOF AREA	13	SQUARE FEET
REQUIRED RIDGE & OFF RIDGE VENTS (TOTAL AREA)	3	SQUARE FEET TOTAL

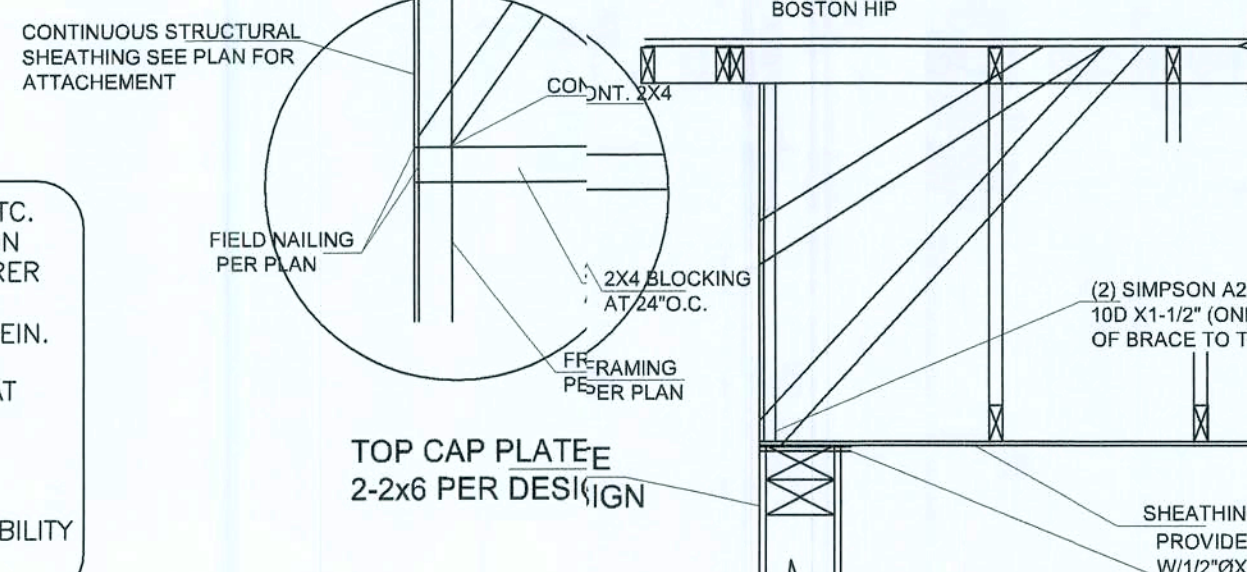
ATTIC VENTILATION PER FLORIDA BUILDING CODE 2017 6TH EDITION, RESIDENTIAL FOR GABLED AND HIPPED ROOFS, VENTILATION SHALL BE PROVIDED TO FURNISH CROSS VENTILATION OF EACH SEPARATE ATTIC SPACE WITH WEATHER PROTECTED VENTS. ALL VENTS SHALL BE SCREENED TO PROTECT THE INTERIOR FROM INTRUSION OF BIRDS. THE RATIO OF TOTAL NET FREE VENTILATING AREA TO THE AREA OF THE CEILING SHALL BE NOT LESS THAN 1/150. THAT AREA MAY BE REDUCED TO 1/300 PROVIDED:
1. A VAPOR RETARDER HAVING A PERMEANCE NOT EXCEEDING ONE PERM IS INSTALLED ON THE WARM SIDE OF THE CEILING, OR
2. AT LEAST 50% OF THE REQUIRED VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE SPACE TO BE VENTILATED (AT LEAST 3 FEET ABOVE EAVE OR CORNICE VENTS.)

TRUSS LAYOUTS ARE DIAGRAMMATIC IN NATURE AND ARE OFFERED AS A "GUIDE" FOR THE TRUSS MANUFACTURER WHO IS RESPONSIBLE FOR FINAL TRUSS LAYOUTS & PROFESSIONAL ENGINEERING. BUILDER SHALL MAKE FINAL TRUSS LAYOUTS AND ENGINEERING AVAILABLE TO ENGINEER OF RECORD FOR FINAL REVIEW.



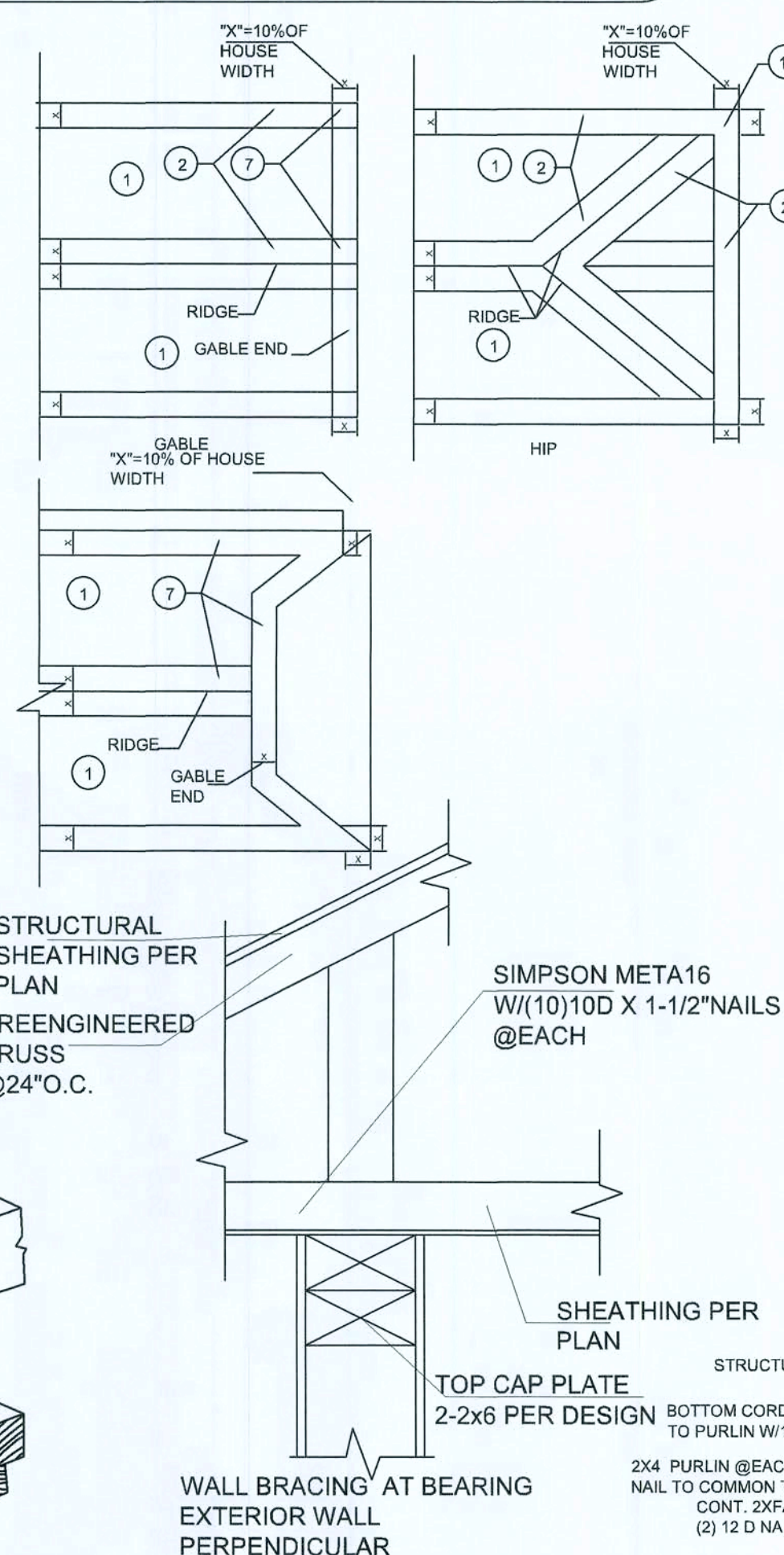
R02 ROOF TRUSS ON FRAME

Scale: N.T.S.



R09 GABLE END TRUSS BRACING DETAIL

Scale: N.T.S.



TOP CAP PLATE

2-2x6 PER DESIGN

W/10D X 1-1/2" NAILS @ EACH

W/10D X 1-1/2" NAILS @ EACH

W/10D X 1-1/2" NAILS @ EACH

W/10D X 1-1/2" NAILS @ EACH

W/10D X 1-1/2" NAILS @ EACH

W/10D X 1-1/2" NAILS @ EACH

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W/10D X 1-1/2" NAILS @ EACH

W/10D X 1-1/2" NAILS @ EACH

W/10D X 1-1/2" NAILS @ EACH

W/10D X 1-1/2" NAILS @ EACH

CONNECTOR SCHEDULE

MARK	COMPONENTS	CONNECTOR	FLORIDA APPROVAL CODE
1	POST TO CONCRETE OR MASONARY	SIMPSON ABU 66Z	FL10849.6
2	FLOOR TRUSS TO MASONARY	SIMPSON META 1B	FL1173.17
3	ROOF TRUSS TO PERIMETER WOOD STUD WALL	SIMPSON H10A	FL10456.6
4	ROOF TRUSS TO CENTER WOOD STUD WALL	SIMPSON MTS 16	FL13872.1
5	CORNER STUD TO MASONARY WALL	SIMPSON MTS 16	FL11473.19
6	CORNER STUD TO FLOOR PAVING	SIMPSON MSTAM 36	FL10852.1
7	WALL STUD TO FLOOR FLASHING	SIMPSON CS 16	FL10852.1
8	WALL STUD TO HEADER	SIMPSON CS 16	FL10456.10
9	WALL STUD TO MASONARY WALL	SIMPSON CS 16	FL10852.4
10	HIP RAFTER TO CORNER	SIMPSON H2	FL10456.24
11	ROOF RAFTER TO HIP RAFTER	SIMPSON LSTA24	FL10447.8
12	WALL STUD TO HIP PLATE	SIMPSON HTS20	FL10456.41
13	WALL STUD TO TOP PLATE	SIMPSON LSSU210	FL10456.42
14	JOIST AT HAVAC PLATFORM TO LEDGER BEAM	SIMPSON SP1	FL10656.106
15	LEDGER TO MASONARY WALL	SIMPSON LU26	N/A
		SIMPSON TITEN HD	N/A

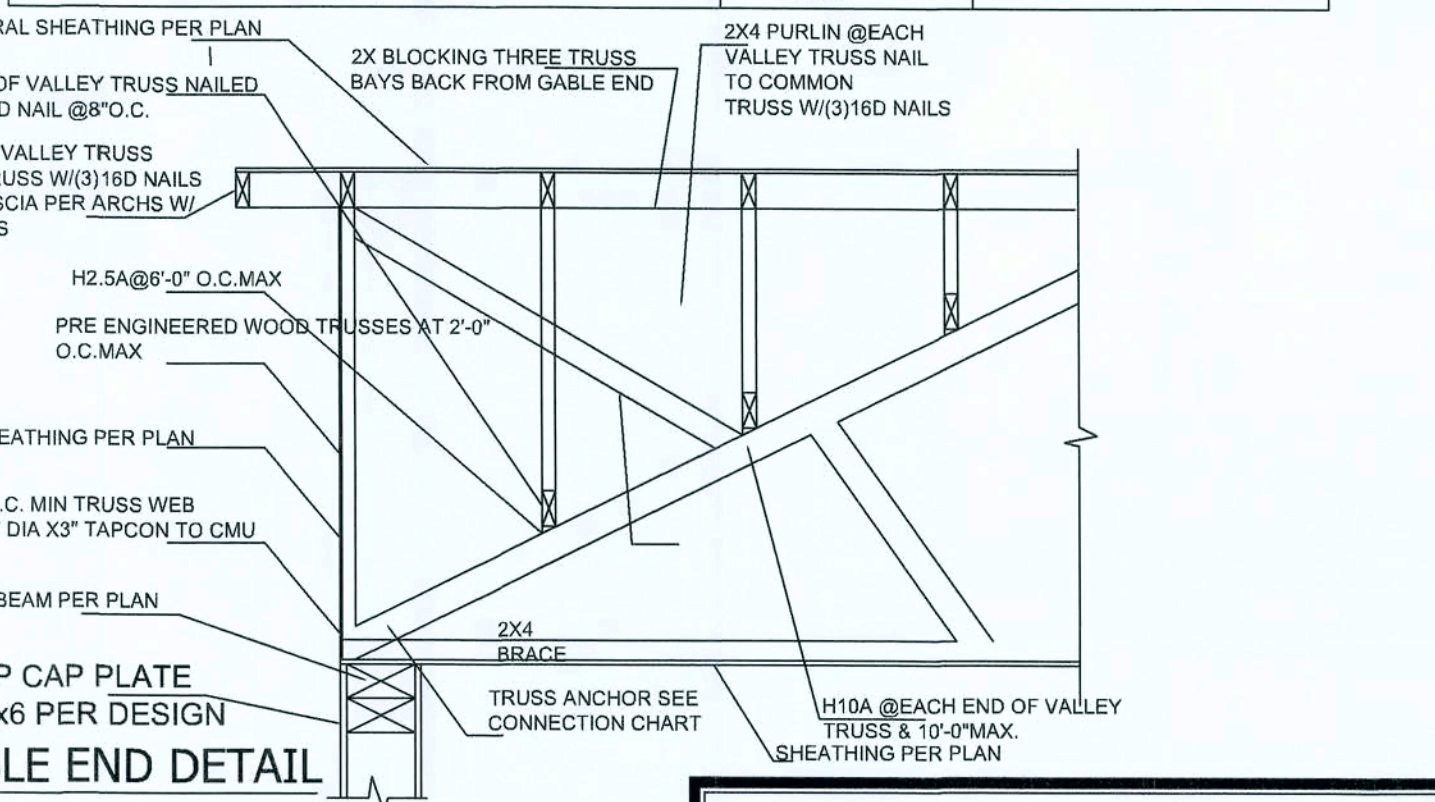
COLUMN SCHEDULE	BASE PLATE	CONNECTOR
C-1	CBU66	SIMPSON ACE6 @ TO CORNER SIMPSON AC6 @ TO INTERIORS
C-2	CBU66	SIMPSON ACE5 @ TO CORNER SIMPSON AC6 @ TO INTERIORS
C-3	2 SIMPSON MSTM24 TO MASONARY WALL	SIMPSON AC5 @ TO INTERIORS

BEAM SCHEDULE

TABLE	BEAM HEADER
B1	(3)2X12 RAFTER WITH 2 (1/2)"PLYWOOD FLITCH USE 2 ROWS SIMPSON 1/4"X2-1/2" SOS SCREWS @ 12"O.C. PLUS CTS BEAD OF PLSCO CONSTRUCTION ADHESIVE
B2	(2)2X6 RAFTER WITH 1/2"PLYWOOD FLITCH USE 2 ROWS SIMPSON 1/4"X2-1/2" SOS SCREWS @ 12"O.C. PLUS CTS BEAD OF PLSCO CONSTRUCTION ADHESIVE
B3	(3)2X8 RAFTER WITH 1/2"PLYWOOD FLITCH USE 2 ROWS SIMPSON 1/4"X2-1/2" SOS SCREWS @ 12"O.C. PLUS CTS BEAD OF PLSCO CONSTRUCTION ADHESIVE
B4	(3)2X10 RAFTER WITH 1/2"PLYWOOD FLITCH USE 2 ROWS SIMPSON 1/4"X2-1/2" SOS SCREWS @ 12"O.C. PLUS CTS BEAD OF PLSCO CONSTRUCTION ADHESIVE

NAILING SCHEDULE

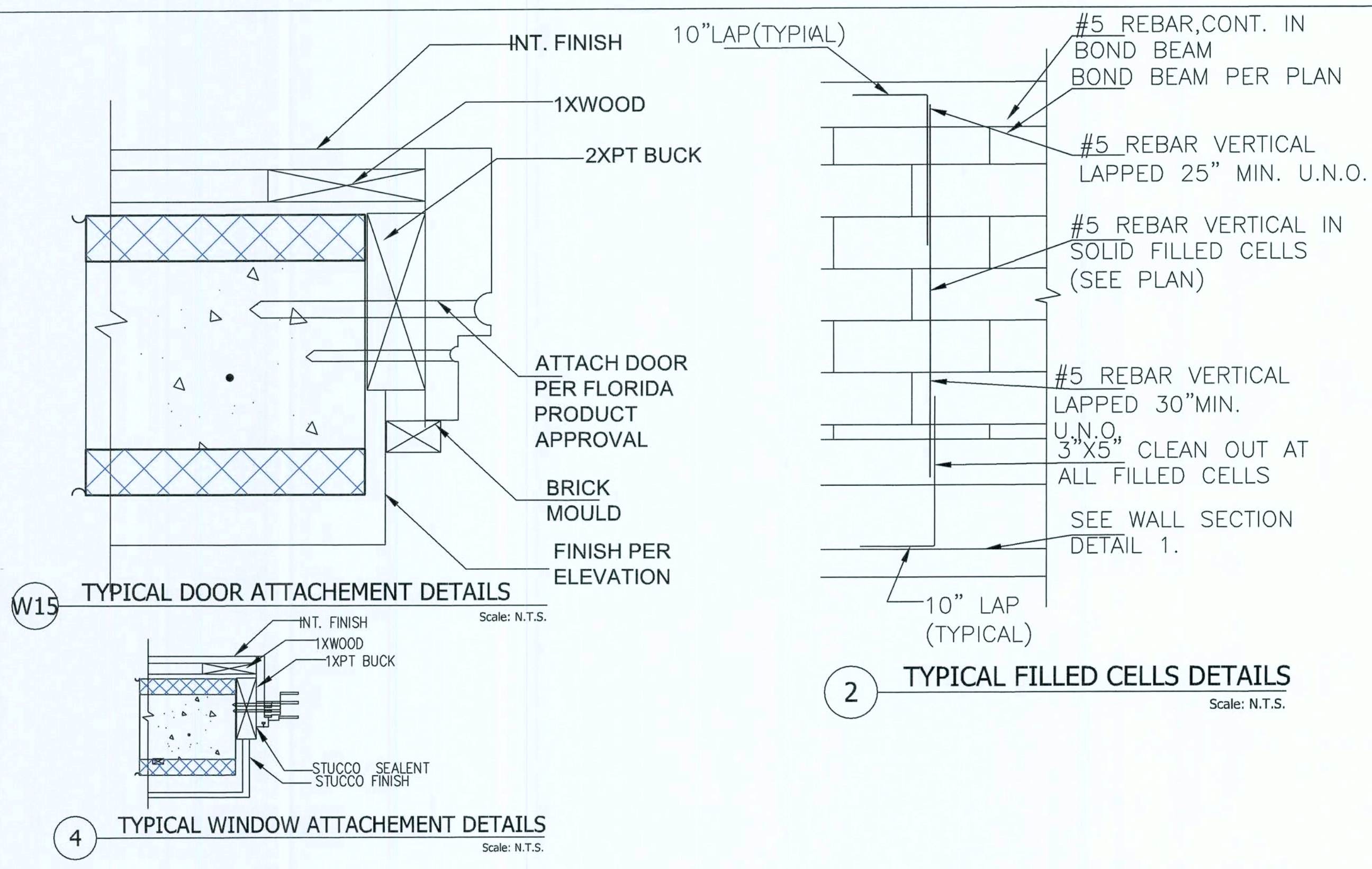
CONNECTION	COMMON NAIL	NUMBER OF SPACING
SOLE PLATE TO TRUSS OR BLOCKING	16d	16"O.C.
STUD TO SOLE PLATE, TOE NAIL	8d	4
DOUBLE STUDS, FACE NAIL	10d	24"O.C.
DOUBLE TOP PLATES, FACE NAIL	10d	16"O.C.
TOP PLATES, LAPS AND INTERSECTIONS	10d	3
TRUSSES, LAPS OVER WALLS, FACE NAIL	16d	4
BUILT-UP CORNER STUDS	16d	24"O.C.
STUDS TO SOLE PLATE, END NAIL	16d	2



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NOTE:
1) APPENDIX "F" OF FLORIDA BUILDING CODE.
ALL SLAB CRACKS GREATER THAN 1/32" WIDE;
ALL CRACKS THAT EXHIBIT VERTICAL DISPLACEMENT
ALL CRACKS THAT CONNECT WEAKEND ZONES IN THE SLAB
SUCH AS VERTICAL PENETRATIONS OR REENTRANT CORNERS;
AND ALL CRACKS THAT CROSS CHANGES IN MATERIALS OR PLANES
IN THE STRUCTURE SHALL BE CLEANED AND SEALED AGAINST RADON ENTRY, PRIOR TO
APPLYING FLOOR COVERING, WITH A FLEXIBLE FIELD
MOLDED ELASTO MERIC SEALANT INSTALLED. CRACK LESS THAN 1/32"
IN WIDTH THAT DONOT MEET ANY OF THE ABOVE CRITERIA MAY BE LEFT UNSEALED.
2) A FOUNDATION SURVEY SHALL BE PERFORMED AND A COPY
OF THE SURVEY SHALL BE ON THE SITE FOR THE BUILDING
INSPECTOR'S USE, OR ALL PROPERTY MAKERS SHALL BE ON THE SITE FOR BUILDING
INSPECTOR'S USE, OR ALL THE PROPERTY
MAKER'S SHALL BE EXPOSED AND A STRING STRECHED FROM MAKER TO MAKER TO
VERIFY REQUIRED SETBACKS.
3) CONCRETE FOOTING TO BE MIN. OF 12" BELOW FINISH GRADE TO BOTTOM OF FOOTING

TABLE R402.2 MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF CONCRETE			
TYPE OR LOCATION OF CONCRETE CONSTRUCTION	MINIMUM SPECIFIED COMPRESSIVE STRENGTH (f'c)		
	WETTING POTENTIAL	MODERATE	SEVERE
BASIMENT WALLS, FOUNDATIONS AND OTHER CONCRETE NOT EXPOSED TO THE WEATHER	2,500	2,500	2,500
BASIMENT SLABS AND INTERIOR SLABS ON GRADE, EXCEPT GARAGE FLOOR SLABS	2,500	2,500	2,500
INTERIOR WALLS, FOUNDATIONS AND OTHER VERTICAL CONCRETE WORK EXPOSED TO THE WEATHER	2,500	2,500	2,500
PORCHES, CARPORT SLABS AND OTHER SLABS EXPOSED TO THE WEATHER, AND GARAGE FLOOR SLABS	2,500	3,000	3,000

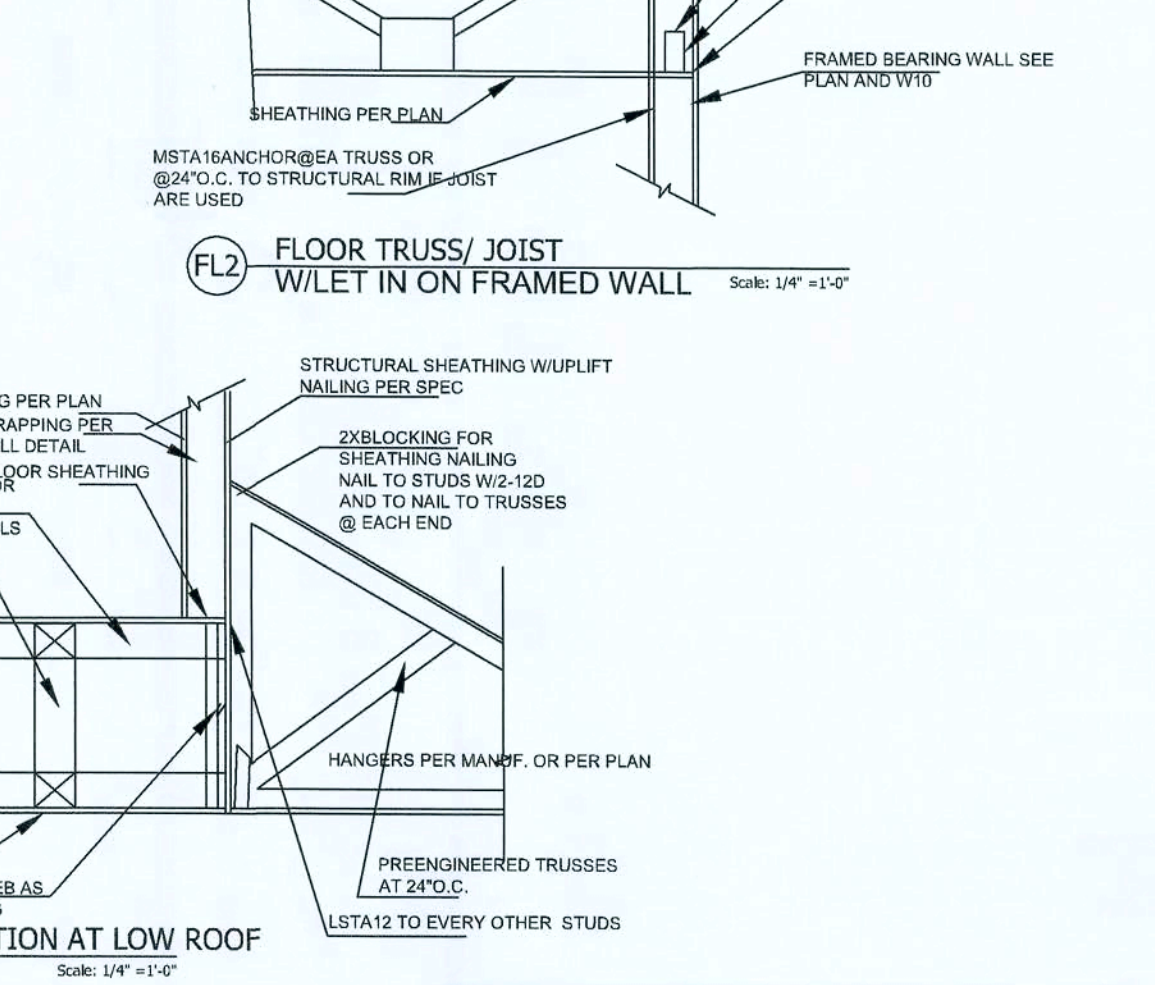
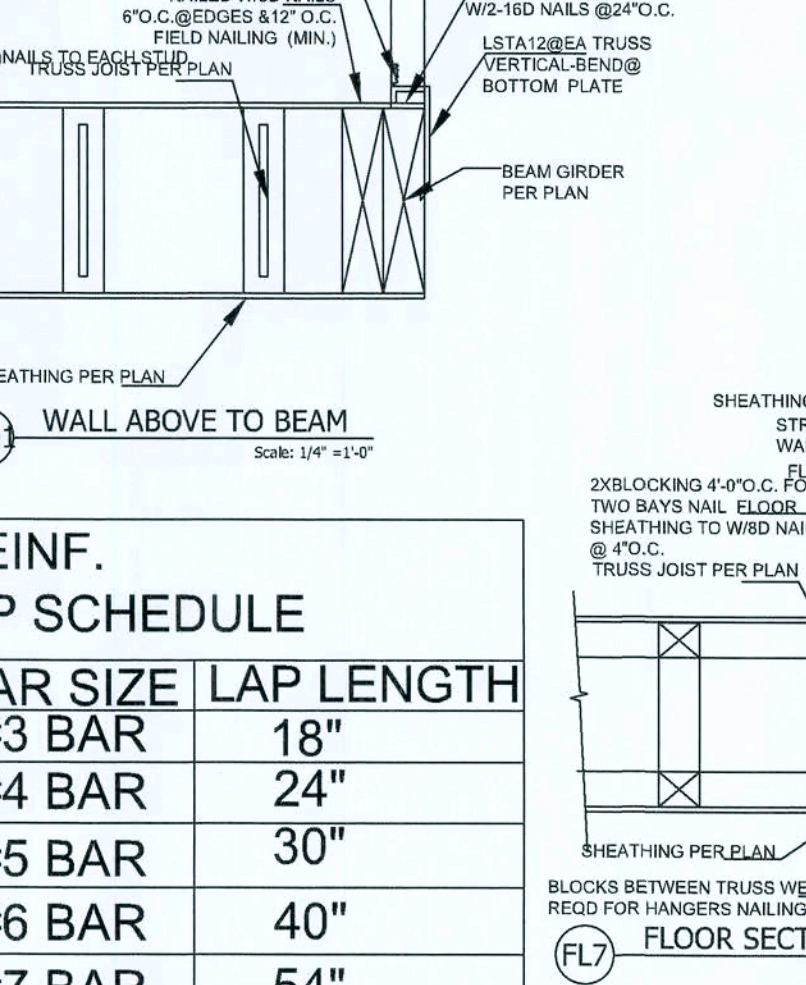
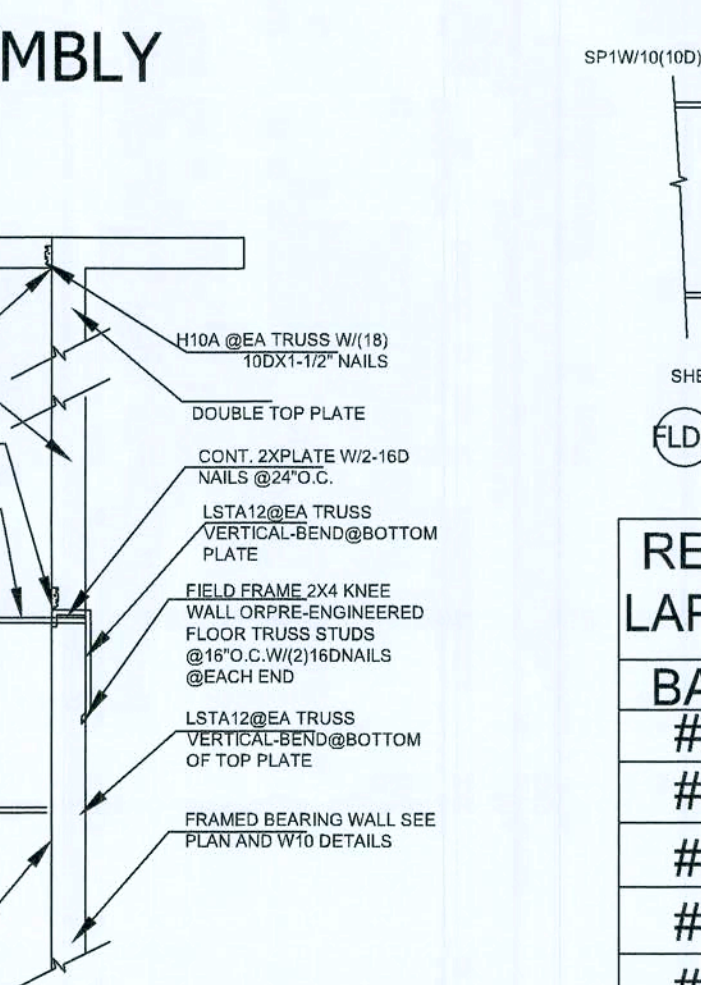
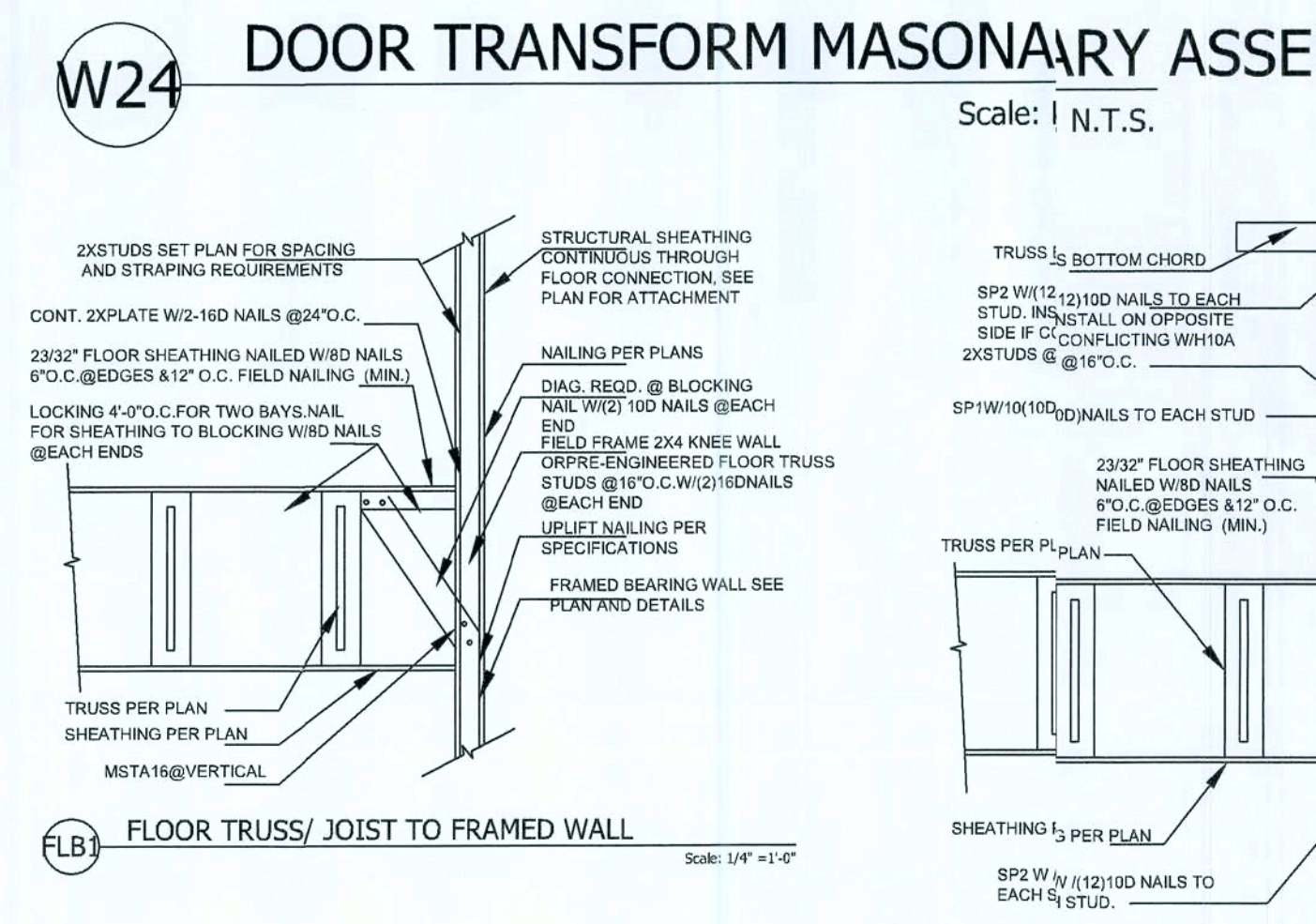
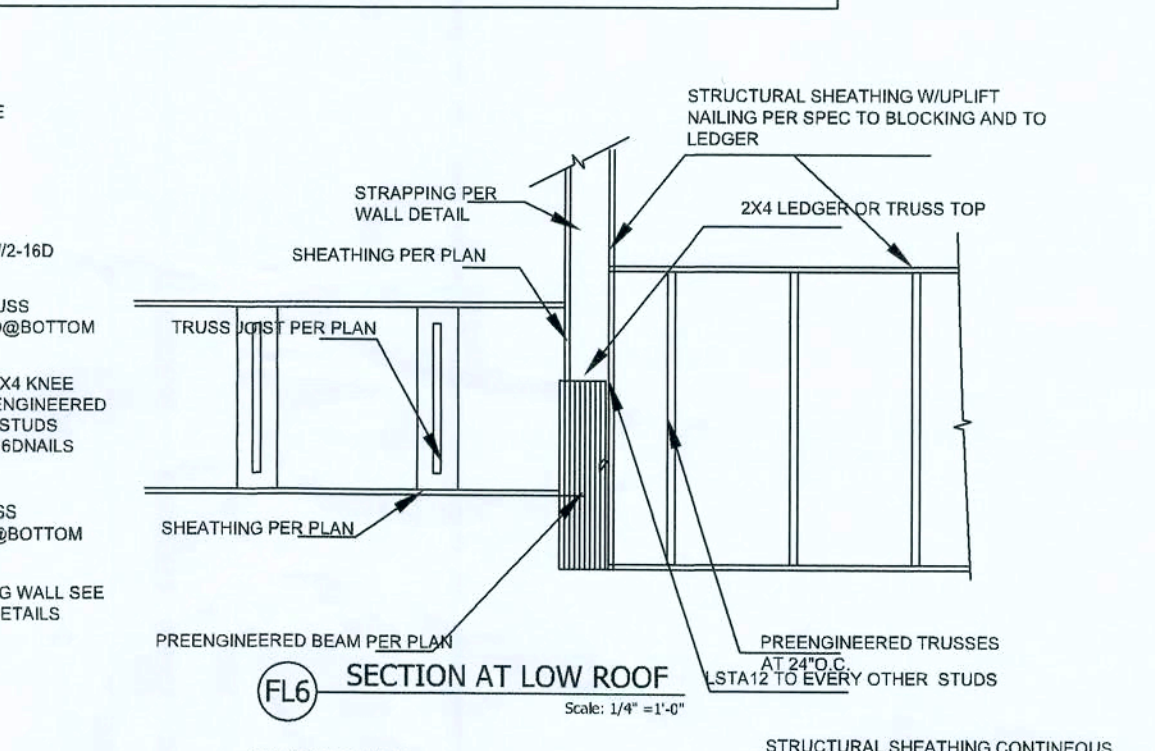
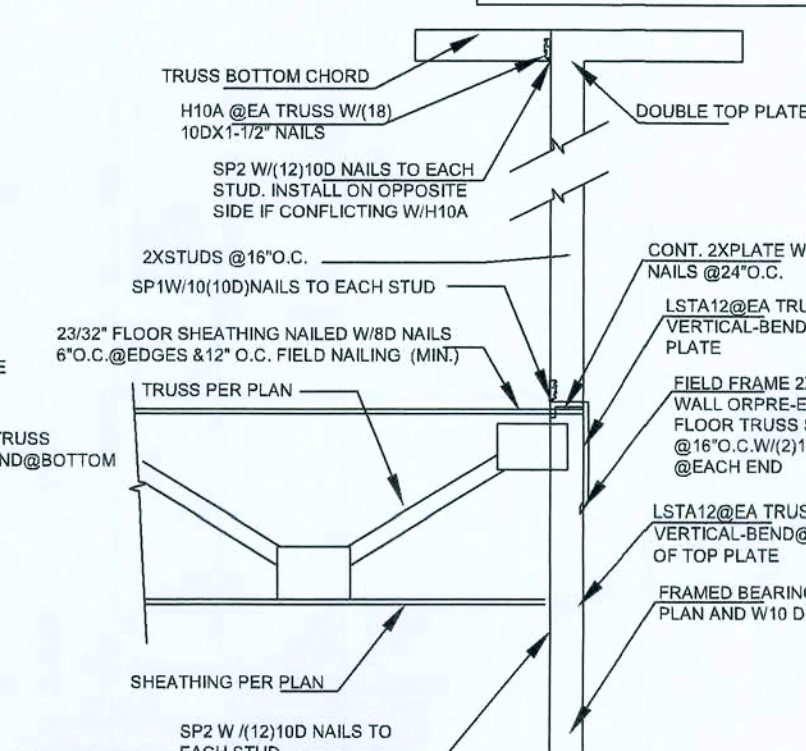
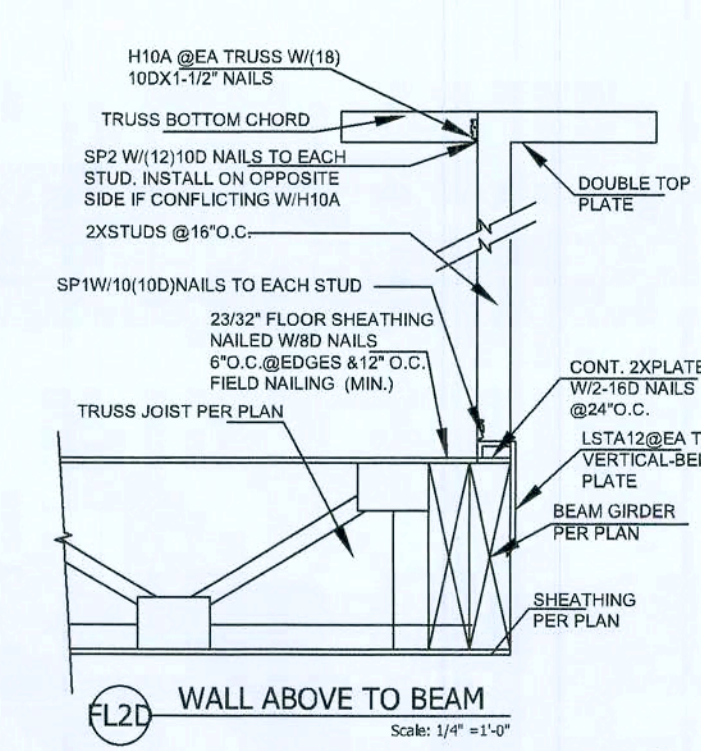
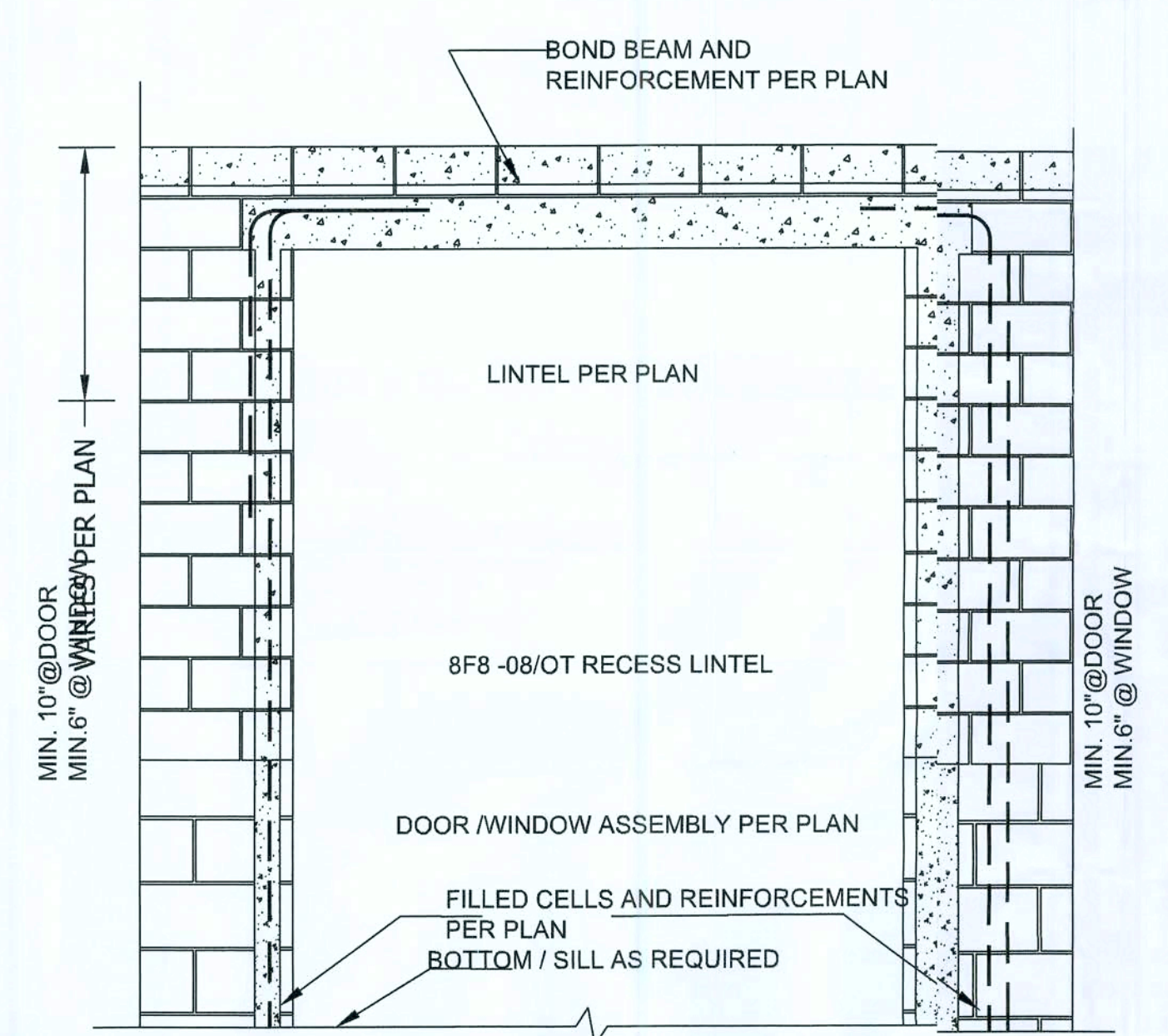
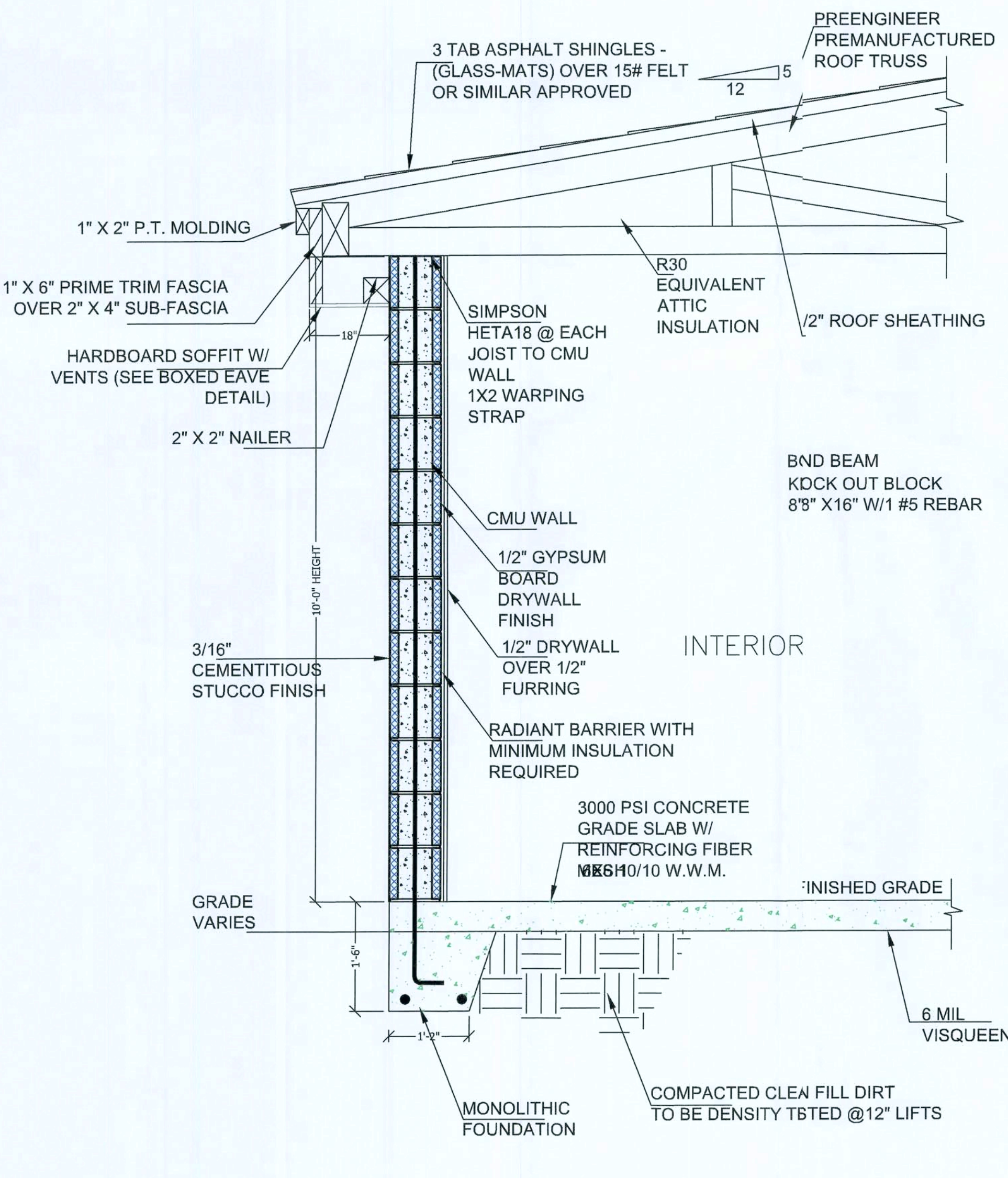
WOOD BUCK ATTACHMENT:
2XOR GREATER BUCK TO MASONRY
BUILT-UP THICKNESS <2 1/4"
=1/4"x4" TAPCONS @4" FROM ENDS
AND 12" O.C. REMAINDER.
W/1 1/4" EMBEDMENT

ROOF COVERING
1 ROOF SHINGLES OVER
2.30# ROOFING FELT (UNDERLAYMENT) PER DEVELOPER /COMMUNITYSPEC.
UNDERLAYMENT SHALL COMPLY WITH ASTM D 226, TYPE II OR ASTM D 4869, TYPE IV OR ASTM D6757. SHALL BE INSTALLED PER CODE REQUIREMENTS.
UNDERLAYMENT FOR SLOPE 4:12 & ABOVE -PROVIDE SINGLE LAYER
UNDERLAYMENT FROM 2:12 TO BELOW 4:12-PROVIDE DOUBLE LAYER
DRIP EDGE & FASCIA
2X6 SUB FASCIA MATERIAL SQUARE CUT PER OVERLAP PER DEVELOPER COMMUNITY SPECIFICATION.
SOFFIT MATERIAL
VENTILATED ALUMINUM SOFFIT HORIZONTAL PROFILE PER DEVELOPER COMMUNITY SPECIFICATION.
EXTERIOR RUNNING TRIM
BASIS OF DESIGN PER ELEVATION PER DEVELOPER COMMUNITY SPECIFICATION
EXTERIOR WAINSCOTT
BASIS OF DESIGN MANUFACTURER STONE STYLE PER ELEVATION PER DEVELOPER COMMUNITY SPECIFICATION
EXTERIOR WALL FINISH OVER BLOCK
5/8" CEMENT PLASTER STUCCO TEXTURE FINISH SAND FINISH AS PER DEVELOPER COMMUNITY SPECIFICATION
EXTERIOR WALL FINISH OVER FRAME
7/8" CEMENT PLASTER STUCCO 3 COAT OVER
1. PAPER BACKED GALV. METAL LATH PAPER BACKING MUST BE APPROVED AND INSTALLED AS A WEATHER RESISTIVE BARRIER OVER
2. HOUSE WRAP (HOUSE WRAP MUST BE APPROVED AND INSTALLED AS A WATER RESISTIVE VAPOUR PERMEABLE BARRIER WITH A PERFORMANCE AT LEAST EQUIVALENT TO TWO LAYERS OF GRADE 'D' PAPER OVER
3.12 NOM. SPAN RATED PLYWOOD SHEATHING OVER.
4. MIN. 2X4 STUDS@16"O.C. REFER STRUCTURAL
INTERIOR WALL FINISH AND INSULATION OVER BLOCK
1/2" GYP. BD. OVER 1X4PT FURRING@16"O.C. OVER 1/2" RIGID INSULATION (MIN. AGED -4.0 W/TAPE JOINTS PER MFR. RECOMMENDATIONS.
INTERIOR WALL FINISH AND INSULATION BETWEEN 2XFRAME
1/2" GYP. BD. OVER KRAFT FACED FIBER GLASS BATT INSULATION (MIN. R-11) BETWEEN 2XFRAMING @16" O.C.
INTERIOR CEILING FINISH 1/2" GYP. BD.

VERTICAL REINFORCING
1 #5 BAR VERTICAL
2 #5 BAR VERTICAL
1 #5 BAR VERTICAL BEND BAR INTO SLAB
C-1 12"x12" 6 - #5; BAR VERTICAL BEND BAR W/#3 TIES @12"O.C.
F-1 36"x36" 6 - #5; BAR VERTICAL BEND BAR W/#3 TIES @12"O.C.

ALTERNATE:
1XCUSTOM PT BUCK TO MASONRY
MATCH FRMAE WIDTH, ATTACH W/"T" NAILS @4" FROM ENDS AND 12"O.C.REMAINDER.ATTACH DOOR THRU BUCK INTO MASONARY PER FLORIDA PRODUCT APPROVAL

NOTE:
CONTRACTOR TO REVIEW TRUSS MANUFACTURER'S TRUSS LAYOUT PRIOR TO SLAB POUR FOR ANY BEARING CHANGES.



BAR SIZE	LAP LENGTH
#3 BAR	18"
#4 BAR	24"
#5 BAR	30"
#6 BAR	40"
#7 BAR	54"

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Professional, Efficient & Economical

Richard G. Marceau, P.E. # 64466
PH-813-388-6090

SONEY FM LLC
CORY LAKE PROFESSIONAL CENTER
10329 CROSS CREEK BLVD., SUITE P
TAMPA, FL 33647
www.soneyfmllc.com

Job # S2022
Drawn By: V.M.
Checked By: S.G.

Issue Date: 06-17-20

No.	Date	Description
1		
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WALLS AND ROOF DETAILS

LINCOLN MODEL HOME
155 NW MEADOW LARK DR.
LAKE CITY, FL 32055

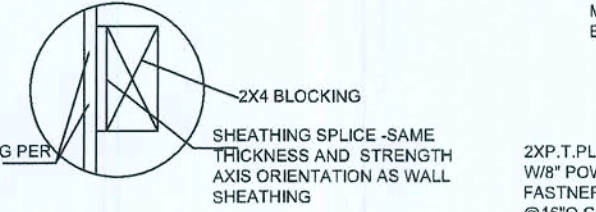
D-1

EXTERIOR WALL SHEATHING					
SHEATHING REQUIRED (MIN.)	NAIL SIZE	VERTICAL SPACING	HORIZONTAL SPACING	FIELD SPACING	BLOCKING REQUIRED
1/2" SHEATHING	8D	3'0" C.	3'0" C.	12" O.C.	ALL EDGES

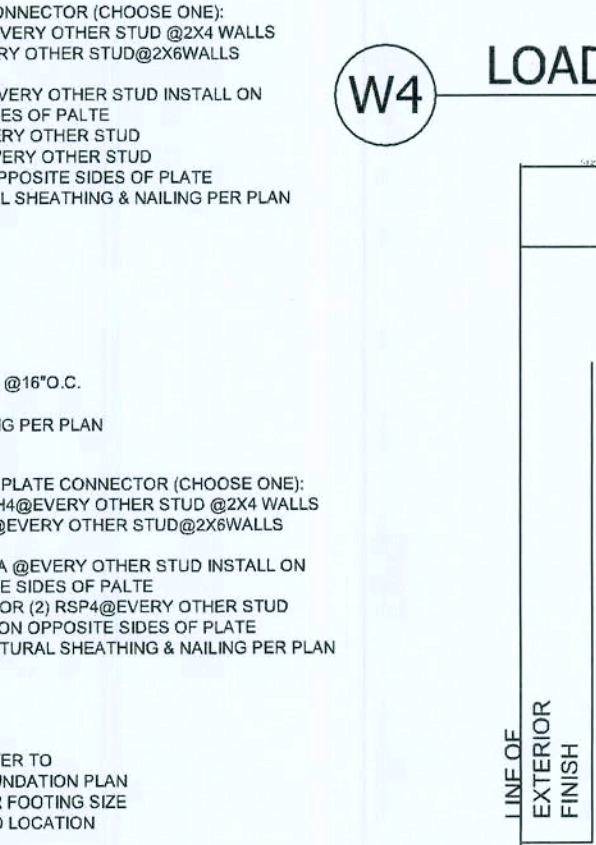
EXTERIOR GABLE END SHEATHING					
SHEATHING REQUIRED (MIN.)	NAIL SIZE	VERTICAL SPACING	HORIZONTAL SPACING	FIELD SPACING	BLOCKING REQUIRED
1/2" SHEATHING	8D	3'0" C.	3'0" C.	12" O.C.	ALL EDGES

SINGLE NAIL EDGE SPACING

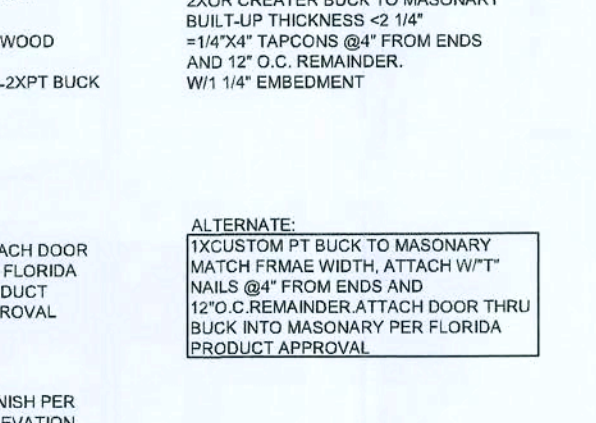
DOUBLE NAIL EDGE SPACING



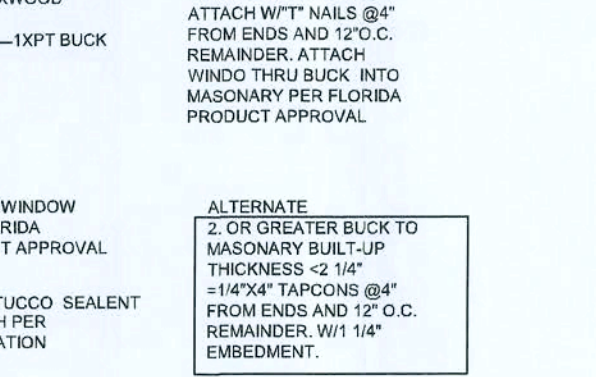
W01 TYPICAL SHEATHING DETAIL
Scale: N.T.S.



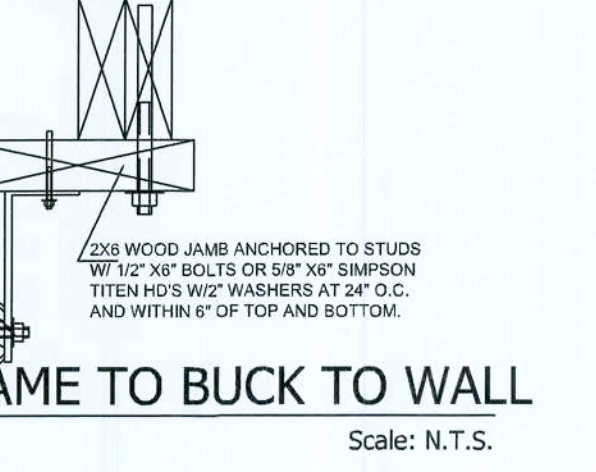
W3 LOAD BEARING WALL UPLIFT
Scale: N.T.S.



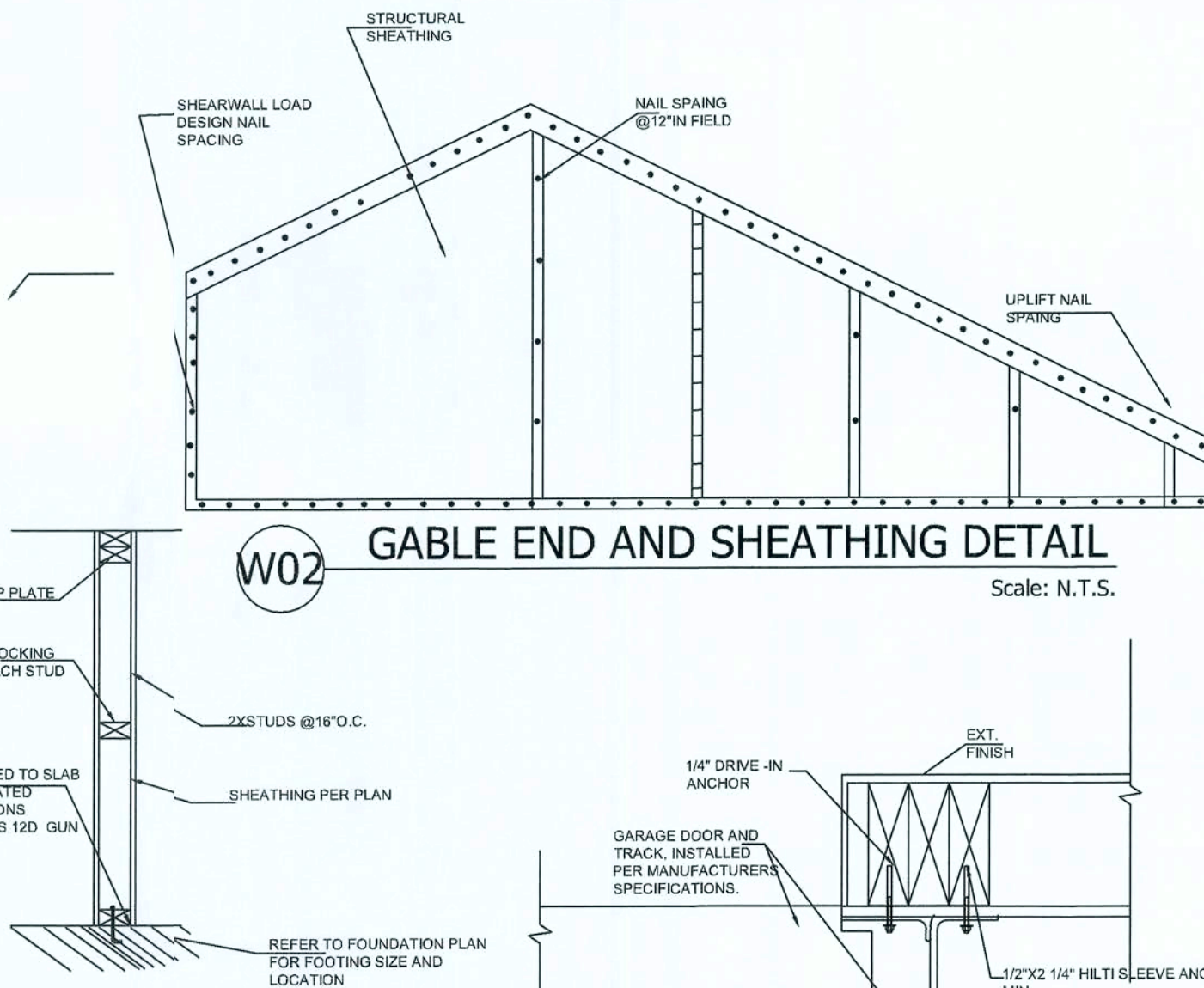
W10 TYPICAL DOOR ATTACHMENT DETAILS
Scale: N.T.S.



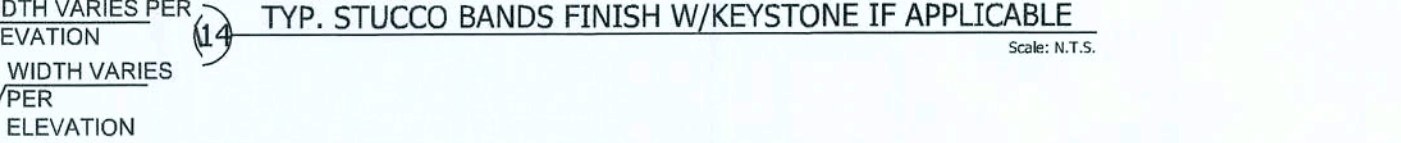
W11 TYPICAL WINDOW ATTACHMENT DETAILS
Scale: N.T.S.



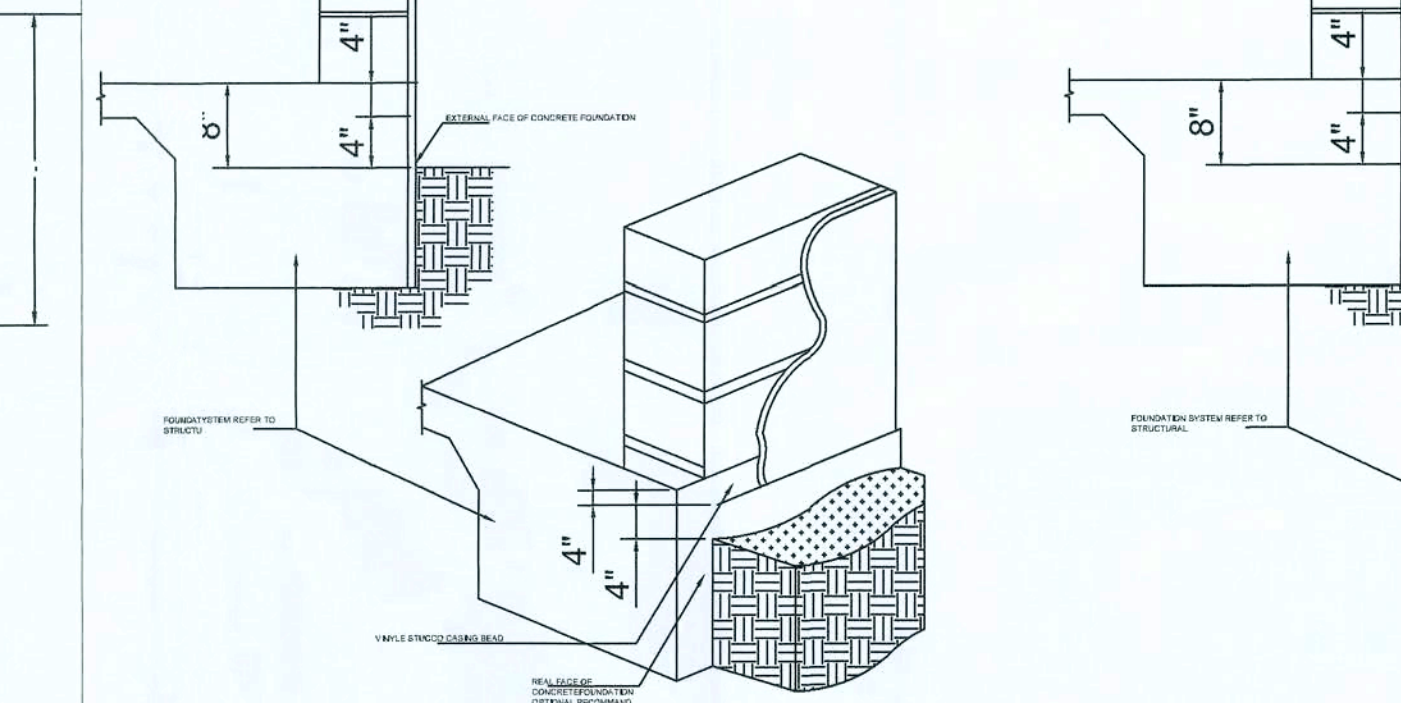
FRAME TO BUCK TO WALL
Scale: N.T.S.



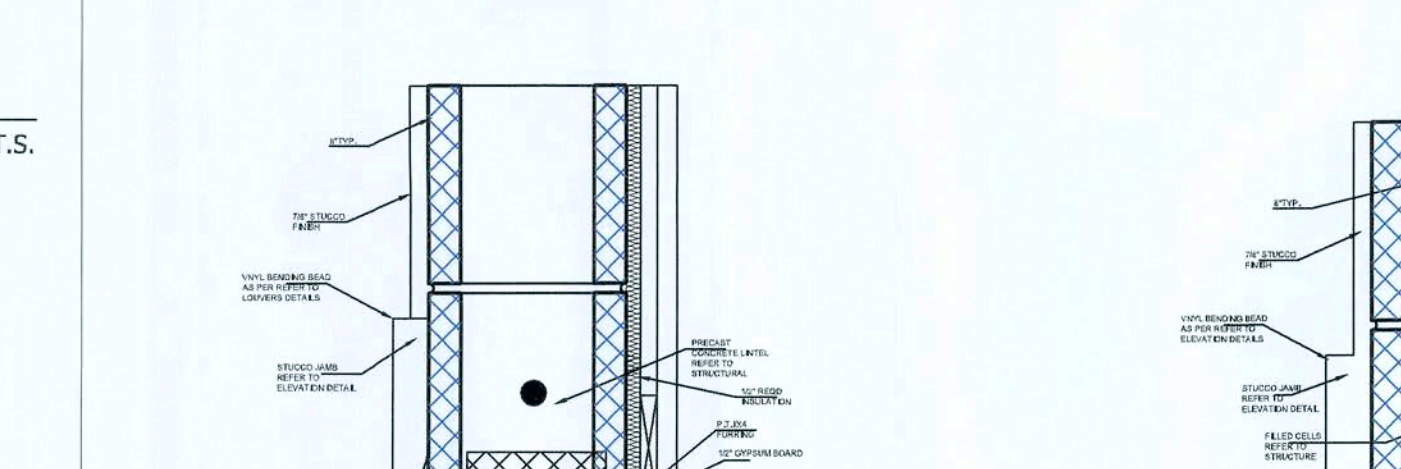
W02 GABLE END AND SHEATHING DETAIL
Scale: N.T.S.



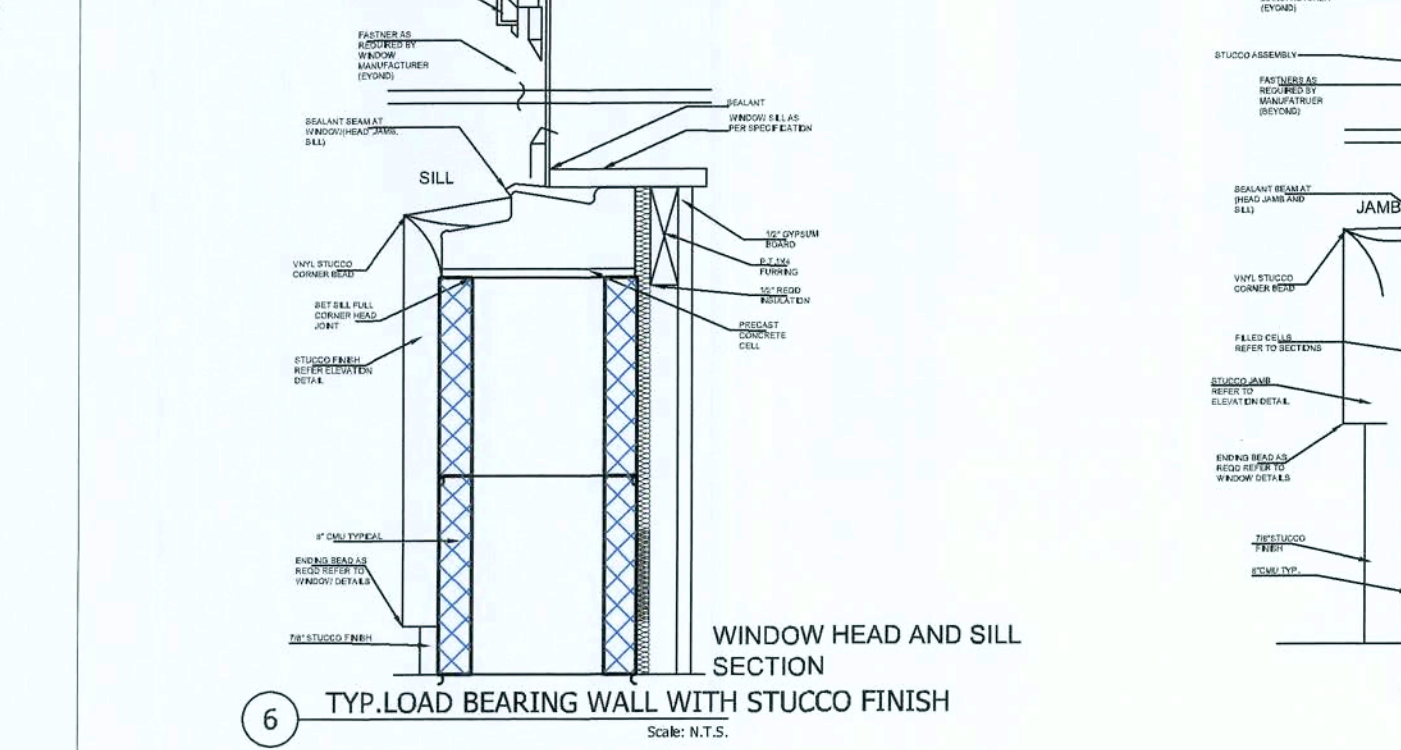
W4 LOAD BEARING WALL W/O UPLIFT
Scale: N.T.S.



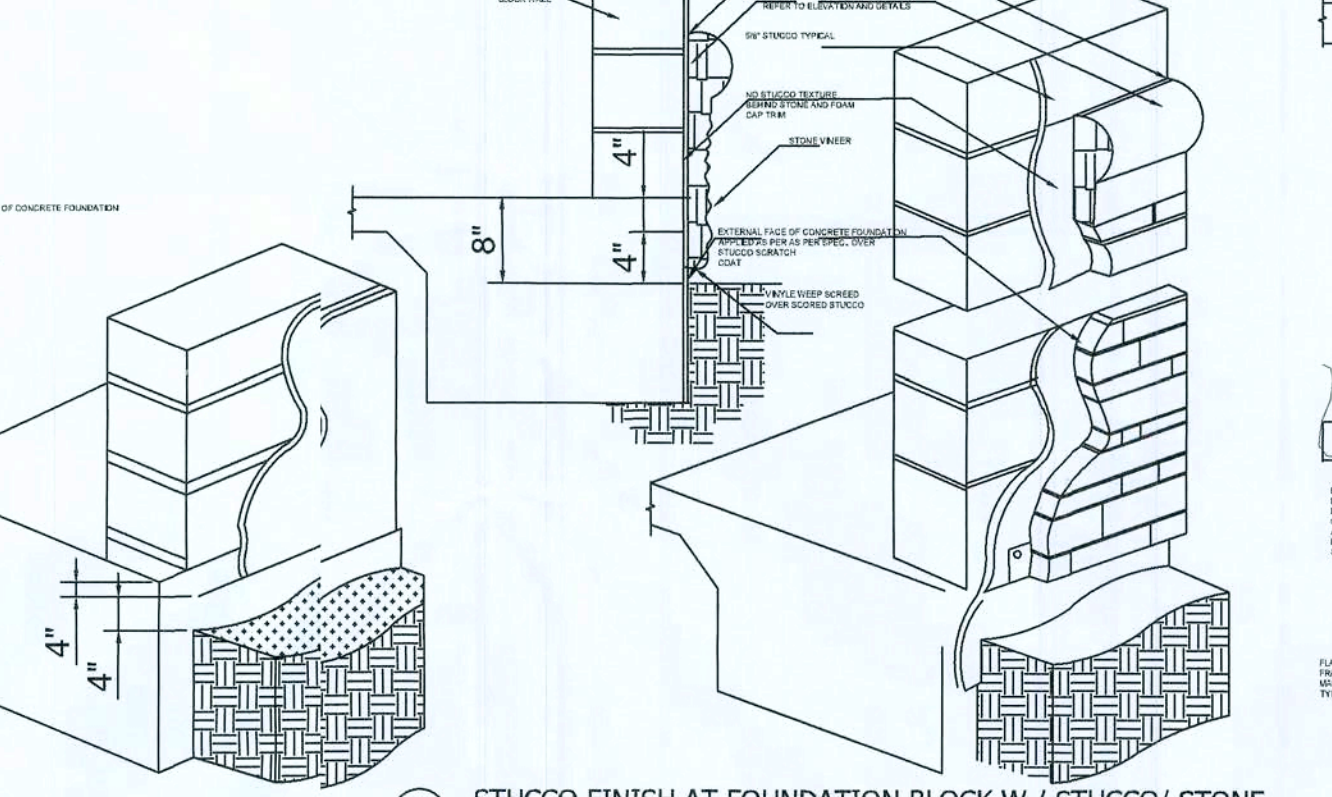
W06 TYPICAL GABLE END DETAIL
Scale: N.T.S.



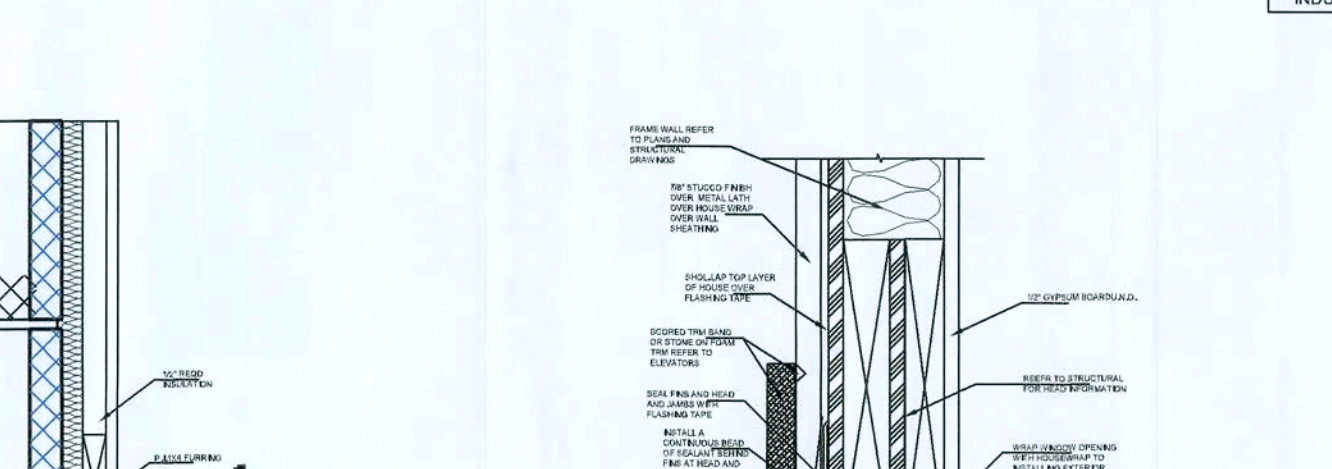
W06 TYPICAL FRAMED BEARING WALL
Scale: N.T.S.



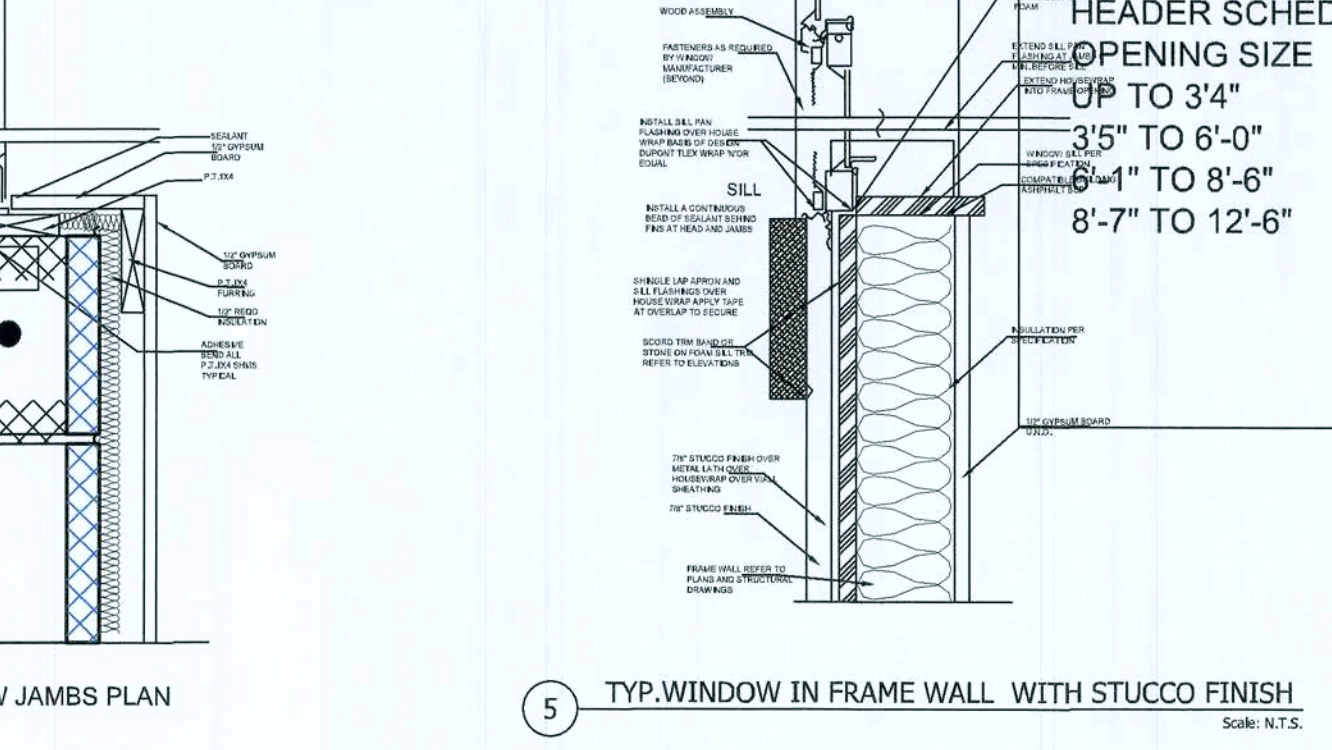
W7 STUD PACK DETAILS
Scale: N.T.S.



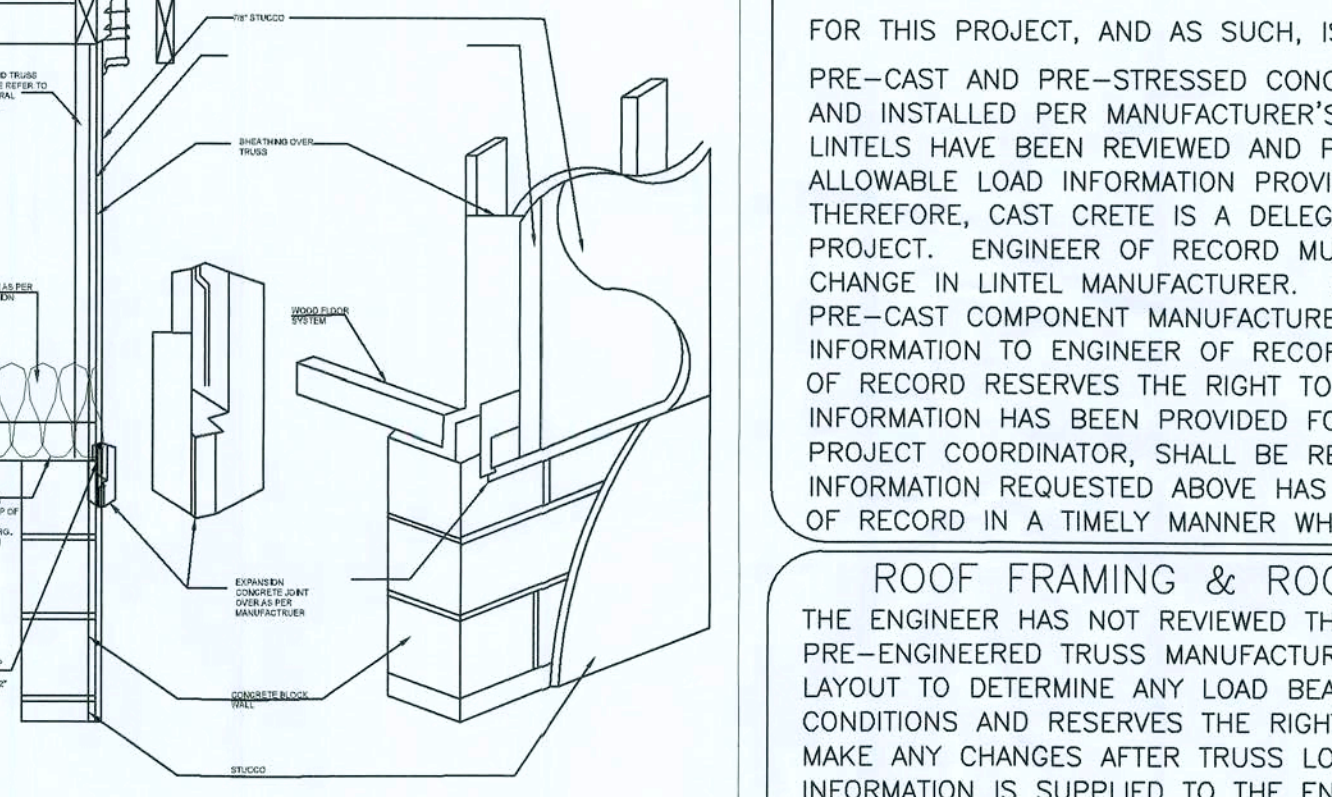
W04 TYPICAL FINISH MATERIAL SPECIFICATION
Scale: N.T.S.



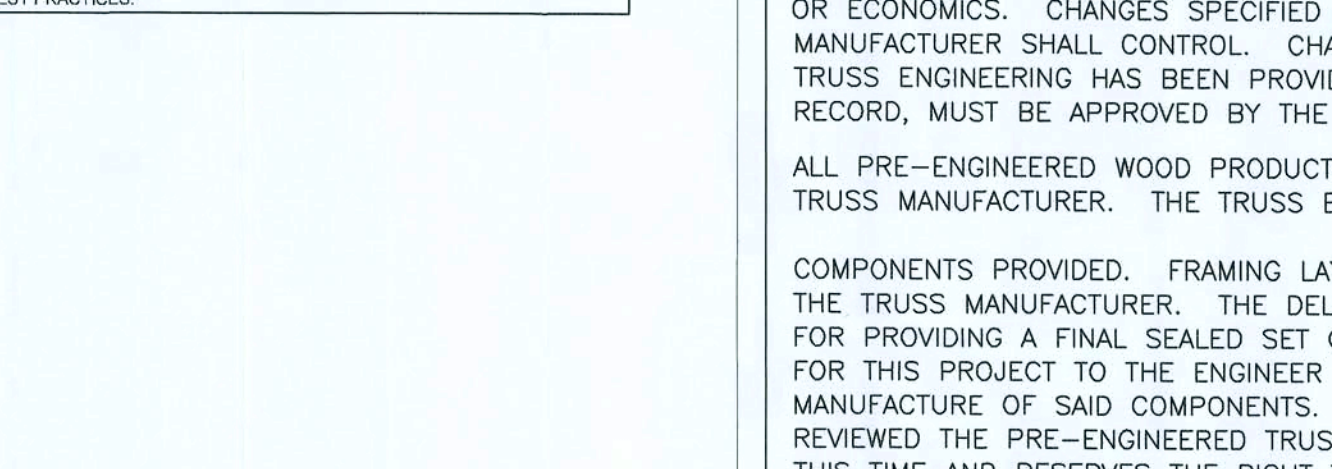
W04 TYPICAL FINISH MATERIAL SPECIFICATION
Scale: N.T.S.



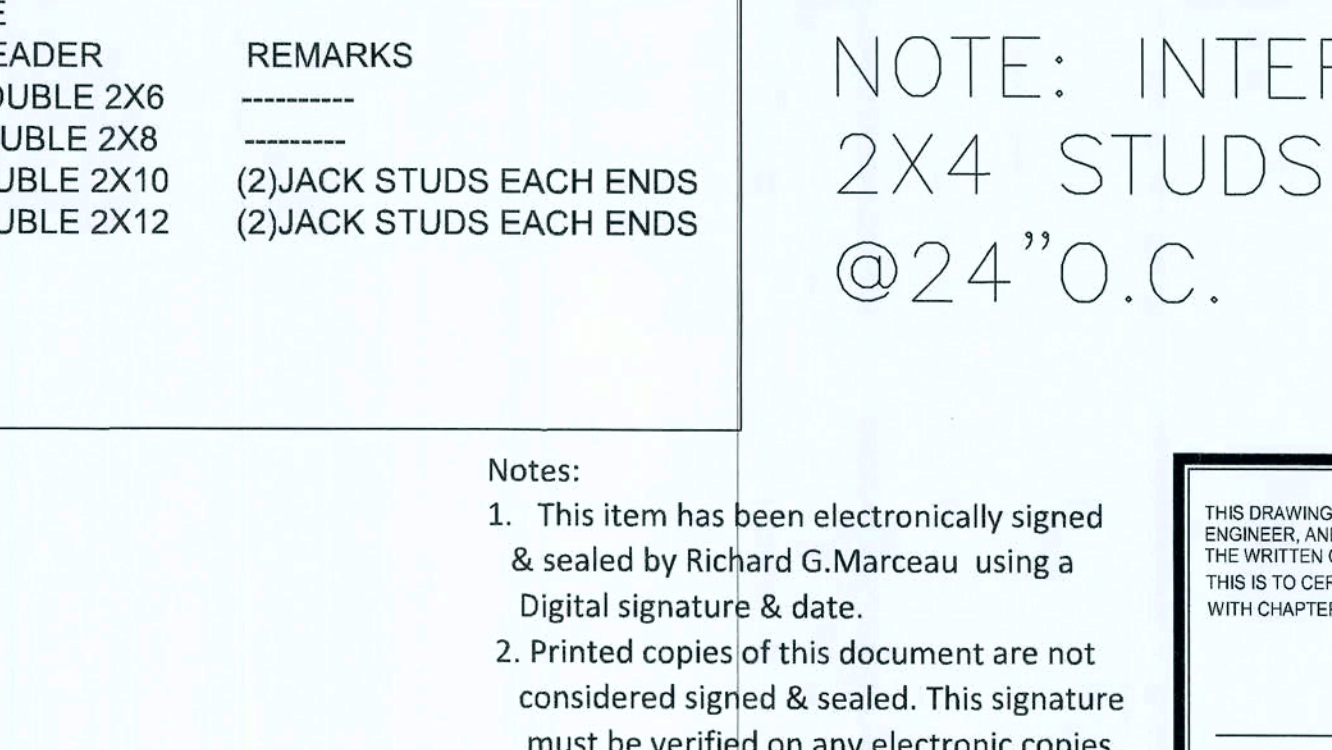
W04 TYPICAL FINISH MATERIAL SPECIFICATION
Scale: N.T.S.



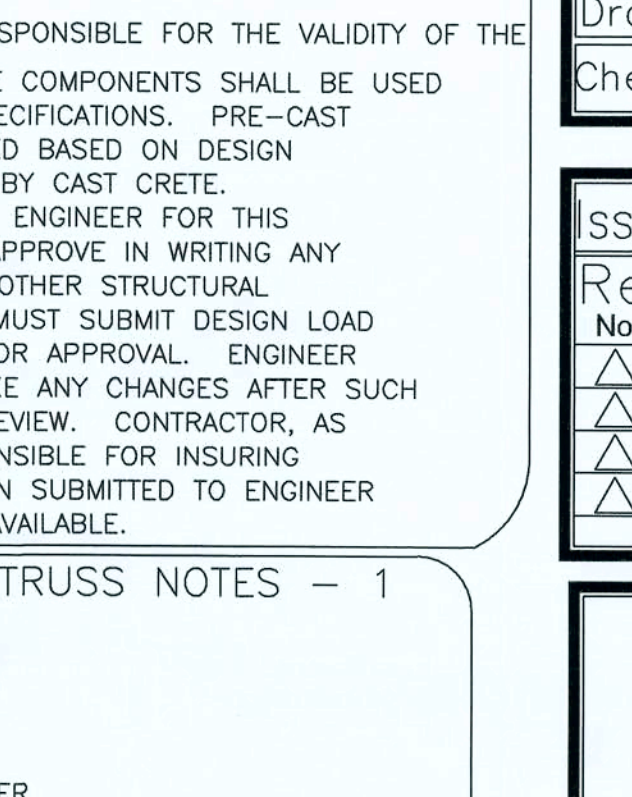
W04 TYPICAL FINISH MATERIAL SPECIFICATION
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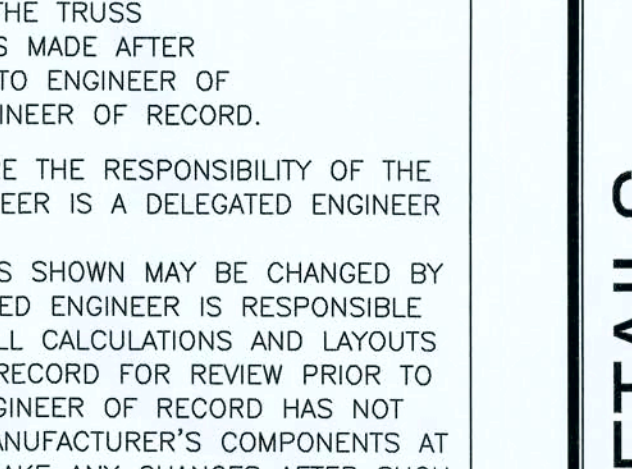
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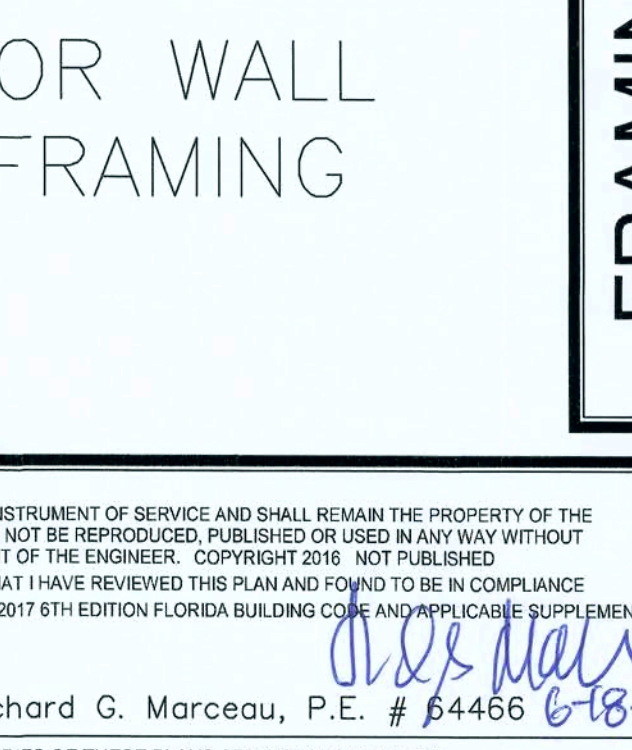
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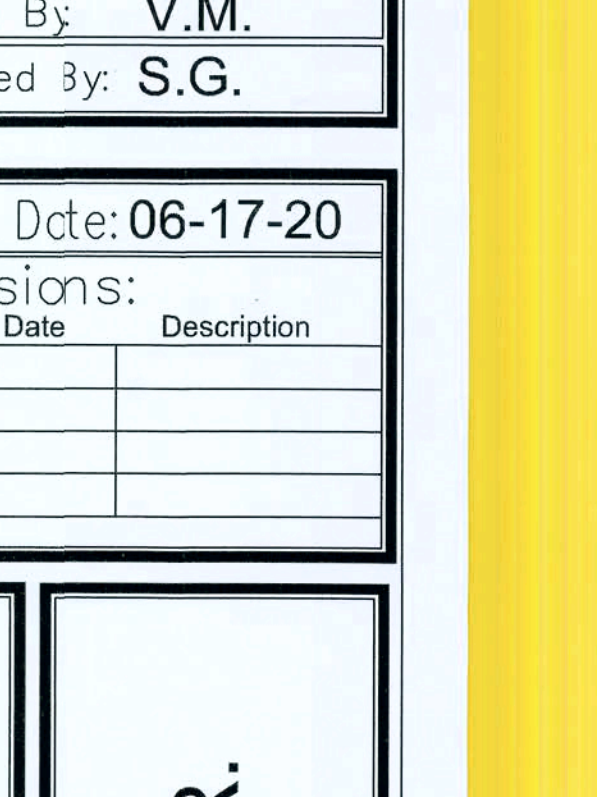
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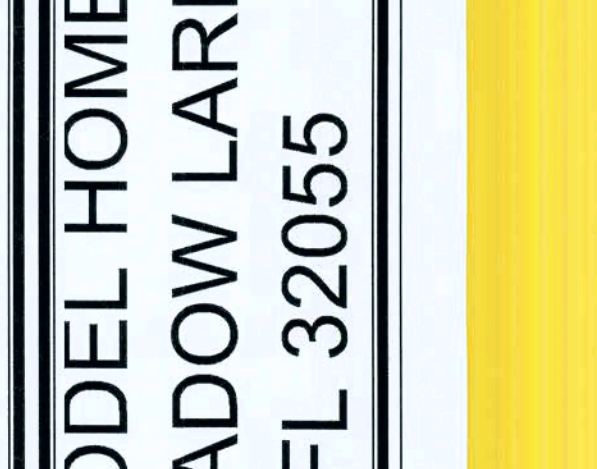
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W04 TYPICAL FINISH MATERIAL SPECIFICATION
Scale: N.T.S.



W04 TYPICAL FINISH MATERIAL SPECIFICATION
Scale: N.T.S.



W04 TYPICAL FINISH MATERIAL SPECIFICATION
Scale: N.T.S.



W04 TYPICAL FINISH MATERIAL SPECIFICATION
Scale: N.T.S.

TRUSS MANUFACTURER'S NOTE:

- DIMENSIONS SHOWN IN FEET-INCHES-SIXTEENTHS FORMAT
- REQUIRED INTERIOR BEARING WALLS SHOWN & HEIGHTS NOTED
- TRUSSES MAY NOT BE CUT OR ALTERED IN ANY WAY WITHOUT PRIOR AUTHORIZATION FROM STOCK BUILDING SUPPLY
- ANY TRUSSES THAT ARE CUT OR ALTERED WITHOUT AUTHORIZATION WILL BE REPAIRED OR REPLACED AT THE CUSTOMER'S EXPENSE
- NO BACKCHARGES OF ANY KIND WILL BE ACCEPTED WITHOUT PRIOR REVIEW AND WRITTEN CONSENT FROM STOCK BUILDING SUPPLY
- FOR PROPER TRUSS HANDLING AND BRACING, REFER TO THE "TRP" DOCUMENTS "BCSI-B1 THROUGH B4"
- ANY MULTI-PLY TRUSSES MUST BE ATTACHED TOGETHER PER THE ENGINEERING SPECIFICATIONS PRIOR TO INSTALLATION.

PERMANENT AND TEMPORARY BRACING IS THE RESPONSIBILITY OF THE TRUSS INSTALLER. THE "ENGINEER OF RECORD" FOR THE PROJECT IS RESPONSIBLE FOR THE DESIGN OF THE PERMANENT BRACING, THE DIAPHRAM SYSTEM, SHEAR WALLS, AND STRUCTURAL ELEMENTS TO RESIST LATERAL LOADS FROM WIND AND OR SEISMIC ACTIVITY. THE "EOR" IS ALSO RESPONSIBLE TO CALL OUT THE REQUIRED STRAPPING MATERIALS TO SUFFICIENTLY ATTACH THE TRUSSES TO THE LOAD BEARING STRUCTURE BELOW, TO VERIFY TRUSS DESIGN SPECIFICATIONS (PITCH, SPAN, PROFILES, APPLIED LOADING, WIND APPLICATION, ETC.), AND FOR THE OVERALL DESIGN AND PLACEMENT PLAN OF THE TRUSS SYSTEM.

IF ANY JOB SITE ACCIDENTS OCCUR INVOLVING TRUSSES, THE INSTALLER MUST IMMEDIATELY STOP WORK ON THE PROJECT AND NOTIFY A REPRESENTATIVE OF STOCK BUILDING SUPPLY. ALL TRUSSES INVOLVED IN AN ACCIDENT MUST BE INSPECTED BY A LICENSED STRUCTURAL ENGINEER TO DETERMINE THE CAUSE OF THE ACCIDENT. THE ENGINEER ASSUMES ALL LIABILITY ASSUMED IN ANY ACCIDENT ARE ALTERED OR MOVED IN ANY WAY BEFORE AN INSPECTION IS COMPLETED. ALL DECISIONS REGARDING NECESSARY REPAIRS OR REPLACEMENT OF TRUSSES WILL BE BASED ON THE RECOMMENDATION OF THE REPORT SUBMITTED BY THE STRUCTURAL ENGINEER.

THIS PLACEMENT PLAN SHOWS THE DESIGNATION AND RELATIVE LOCATION OF EACH TRUSS COMPONENT, AND IS TO BE USED IN CONJUNCTION WITH THE CORRESPONDING ENGINEERED TRUSS DRAWINGS. THE TRUSS ENGINEER'S RESPONSIBILITY RELATIVE TO THE STRUCTURE COSTS SOLELY OF THE DESIGN OF THE INDIVIDUAL TRUSSES AND TRUSS TO TRUSS CONNECTIONS.

ROOF SHEATHING: UNLESS OTHERWISE NOTED, ALL ROOF SHEATHING SHALL BE 5/8" CDX PLYWOOD, NAILED WITH 10D COMMON NAILS AT 8" O.C. BOUNDARY, 8" O.C. ALL OTHER EDGES AND 8" O.C. FIELD.

ROOF FRAMING & ROOF TRUSS NOTES - 2

ALL PRE-ENGINEERED TRUSSES TO BE DESIGNED USING THE MOST RECENT TPI CRITERIA. TRUSSES TO BE HANDLED AND INSTALLED USING MOST RECENT HIB RECOMMENDATIONS. TEMPORARY AND PERMANENT BRACING SHALL BE PER MOST RECENT HIB RECOMMENDATIONS UNLESS NOTED OTHERWISE, OR MORE STRINGENT CODE REQUIREMENTS APPLY. TRUSS ENGINEER IS RESPONSIBLE FOR INDICATING ALL TRUSS TO TRUSS CONNECTORS. ALL COMPONENTS TO BE DESIGNED FOR BOTH GRAVITY AND UPLIFT LOAD CASES, INCLUDING BEAM COMPONENTS.

FOR THIS PROJECT, AND AS SUCH, IS RESPONSIBLE FOR THE VALIDITY OF THE PRE-CAST AND PRE-STRESSED CONCRETE COMPONENTS SHALL BE USED AND INSTALLED PER MANUFACTURER'S SPECIFICATIONS. PRE-CAST LINTELS HAVE BEEN REVIEWED AND PLACED BASED ON DESIGN ALLOWABLE LOAD INFORMATION PROVIDED BY CAST CRETE. THEREFORE, CAST CRETE IS A DELEGATED ENGINEER FOR THIS PROJECT. ENGINEER OF RECORD MUST APPROVE IN WRITING ANY CHANGE IN LINTEL MANUFACTURER. ALL OTHER STRUCTURAL PRE-CAST COMPONENT MANUFACTURERS MUST SUBMIT DESIGN LOAD INFORMATION TO ENGINEER OF RECORD FOR APPROVAL. ENGINEER OF RECORD RESERVES THE RIGHT TO MAKE ANY CHANGES AFTER SUCH INFORMATION HAS BEEN PROVIDED FOR REVIEW. CONTRACTOR, AS PROJECT COORDINATOR, SHALL BE RESPONSIBLE FOR INSURING INFORMATION REQUESTED ABOVE HAS BEEN SUBMITTED TO ENGINEER OF RECORD IN A TIMELY MANNER WHEN AVAILABLE.

ROOF FRAMING & ROOF TRUSS NOTES - 1

THE ENGINEER HAS NOT REVIEWED THE PRE-ENGINEERED TRUSS MANUFACTURER'S LAYOUT TO DETERMINE ANY LOAD BEARING CONDITIONS AND RESERVES THE RIGHT TO MAKE ANY CHANGES AFTER TRUSS LOAD INFORMATION IS SUPPLIED TO THE ENGINEER.

ALL PRE-ENGINEERED WOOD PRODUCTS SHALL BE VERIFIED BY TRUSS MANUFACTURER. TRUSS MANUFACTURER SHALL HAVE THE AUTHORITY TO MAKE SUBSTITUTIONS FOR PRODUCTS SPECIFIED ON THE PLANS DUE TO AVAILABILITY OR ECONOMICS. CHANGES SPECIFIED BY THE TRUSS MANUFACTURER SHALL CONTROL. CHANGES MADE AFTER TRUSS ENGINEERING HAS BEEN PROVIDED TO ENGINEER OF RECORD, MUST BE APPROVED BY THE ENGINEER OF RECORD.

ALL PRE-ENGINEERED WOOD PRODUCTS ARE THE RESPONSIBILITY OF THE TRUSS MANUFACTURER. THE TRUSS ENGINEER IS A DELEGATED ENGINEER COMPONENTS PROVIDED. FRAMING LAYOUTS SHOWN MAY BE CHANGED BY THE TRUSS MANUFACTURER. THE DELEGATED ENGINEER IS RESPONSIBLE FOR PROVIDING A FINAL SEALED SET OF ALL CALCULATIONS AND LAYOUTS FOR THIS PROJECT TO THE ENGINEER OF RECORD FOR REVIEW PRIOR TO MANUFACTURE OF SAID COMPONENTS. ENGINEER OF RECORD HAS NOT REVIEWED THE PRE-ENGINEERED TRUSS MANUFACTURER'S COMPONENTS AT THIS TIME AND RESERVES THE RIGHT TO MAKE ANY CHANGES AFTER SUCH INFORMATION HAS BEEN PROVIDED FOR REVIEW. CONTRACTOR, AS PROJECT COORDINATOR, SHALL BE RESPONSIBLE FOR INSURING INFORMATION REQUESTED ABOVE HAS BEEN SUBMITTED TO ENGINEER OF RECORD IN A TIMELY MANNER WHEN AVAILABLE.

NOTE: INTERIOR WALL 2X4 STUDS FRAMING @24" O.C.

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www.soneyfmllc.com

Job # S2022
Drawn By V.M.
Checked By: S.G.

Issue Date: 06-17-20		
Revisions:		
No.	Date	Description
1		
2		
3		
4		
5		

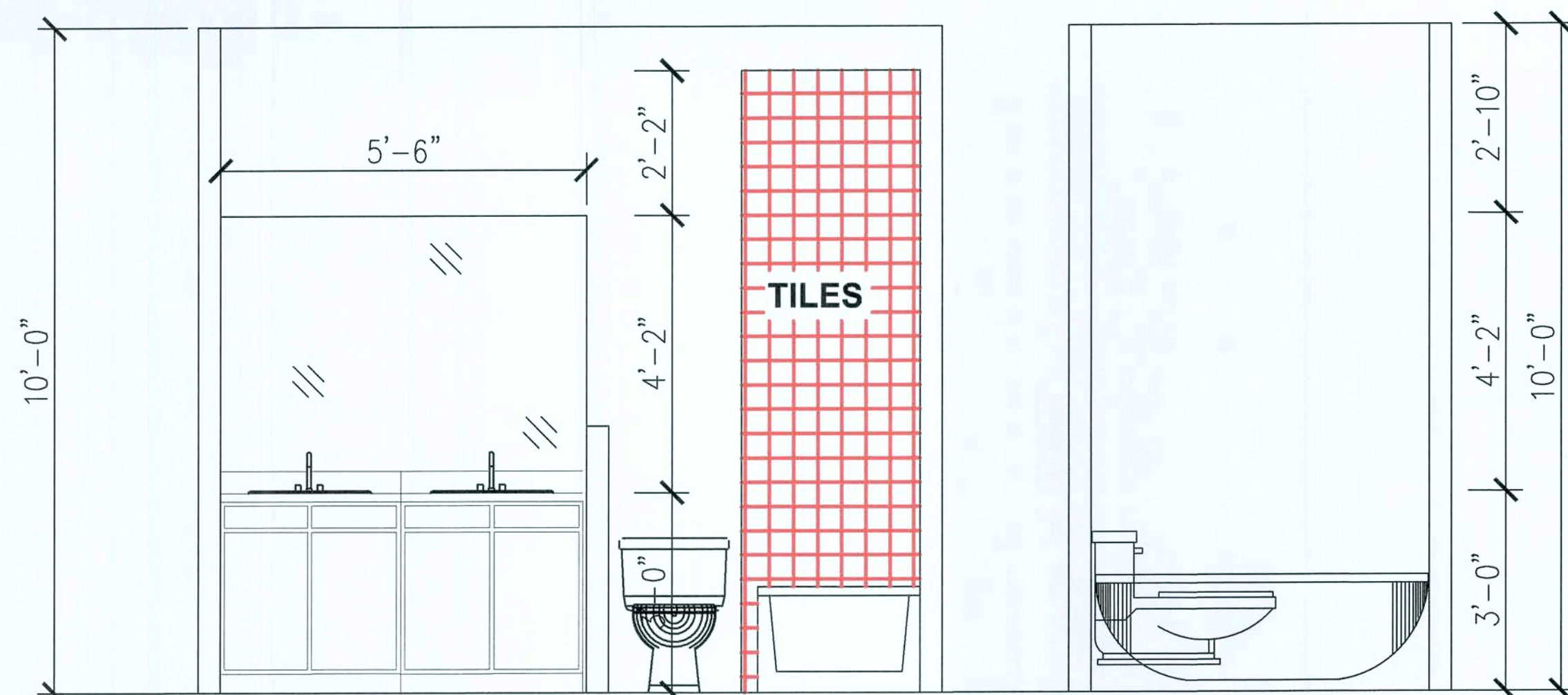
FRAMING DETAILS

LINCOLN MODEL HOME

155 NW MEADOW LARK DR.

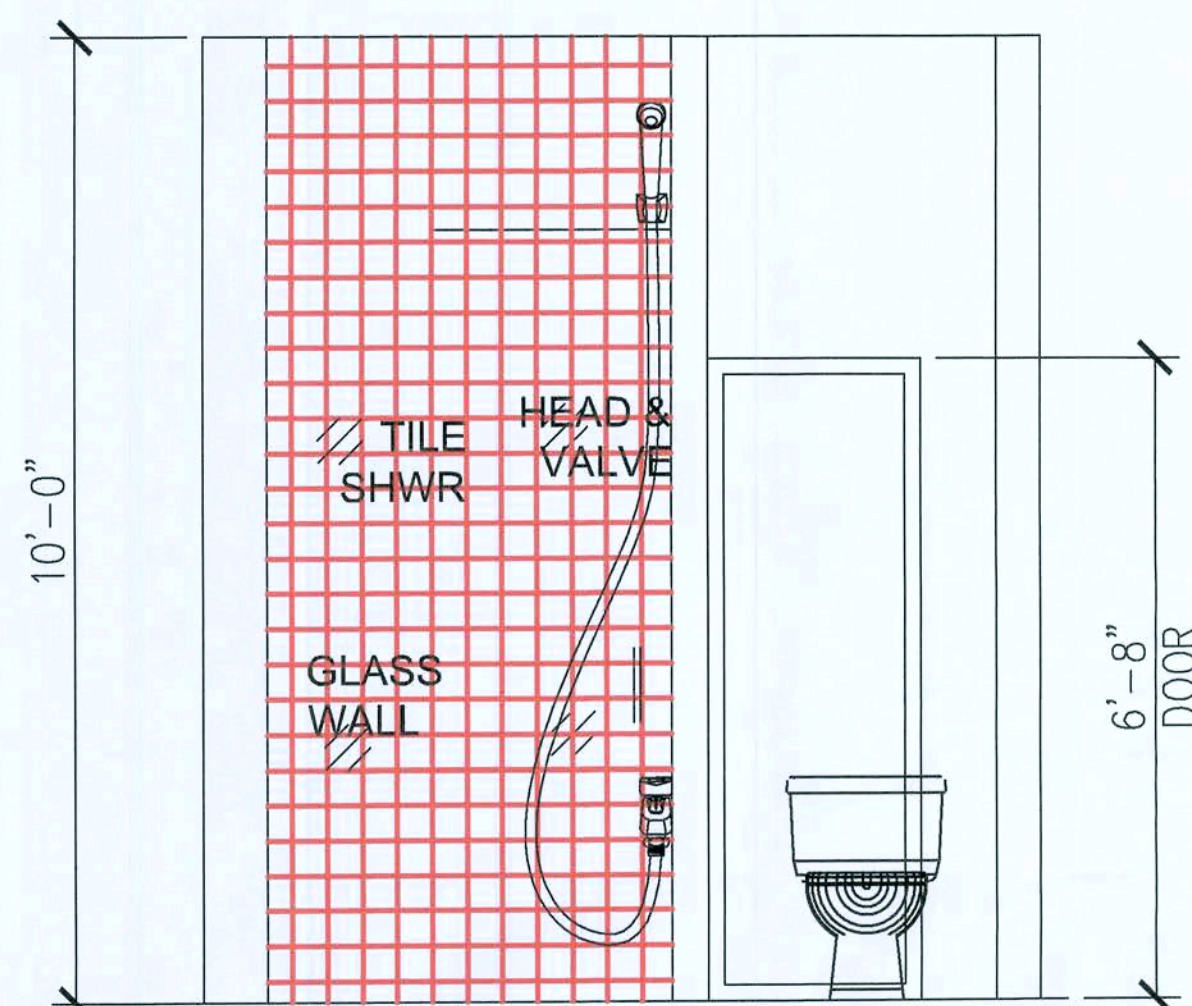
LAKE CITY, FL 32055

D-2

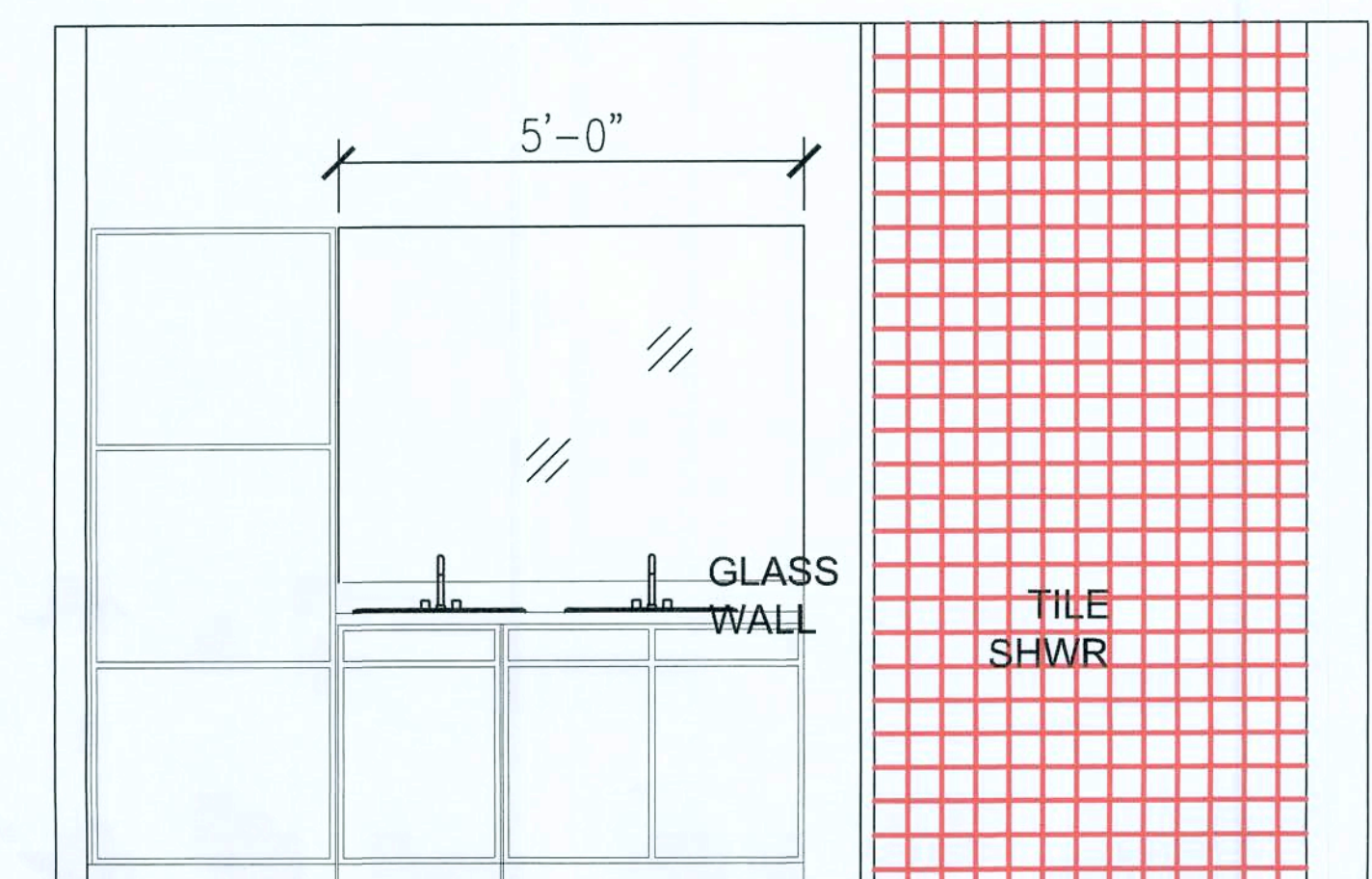


A
D-4
BATH 2
Scale: 1/2"=1'

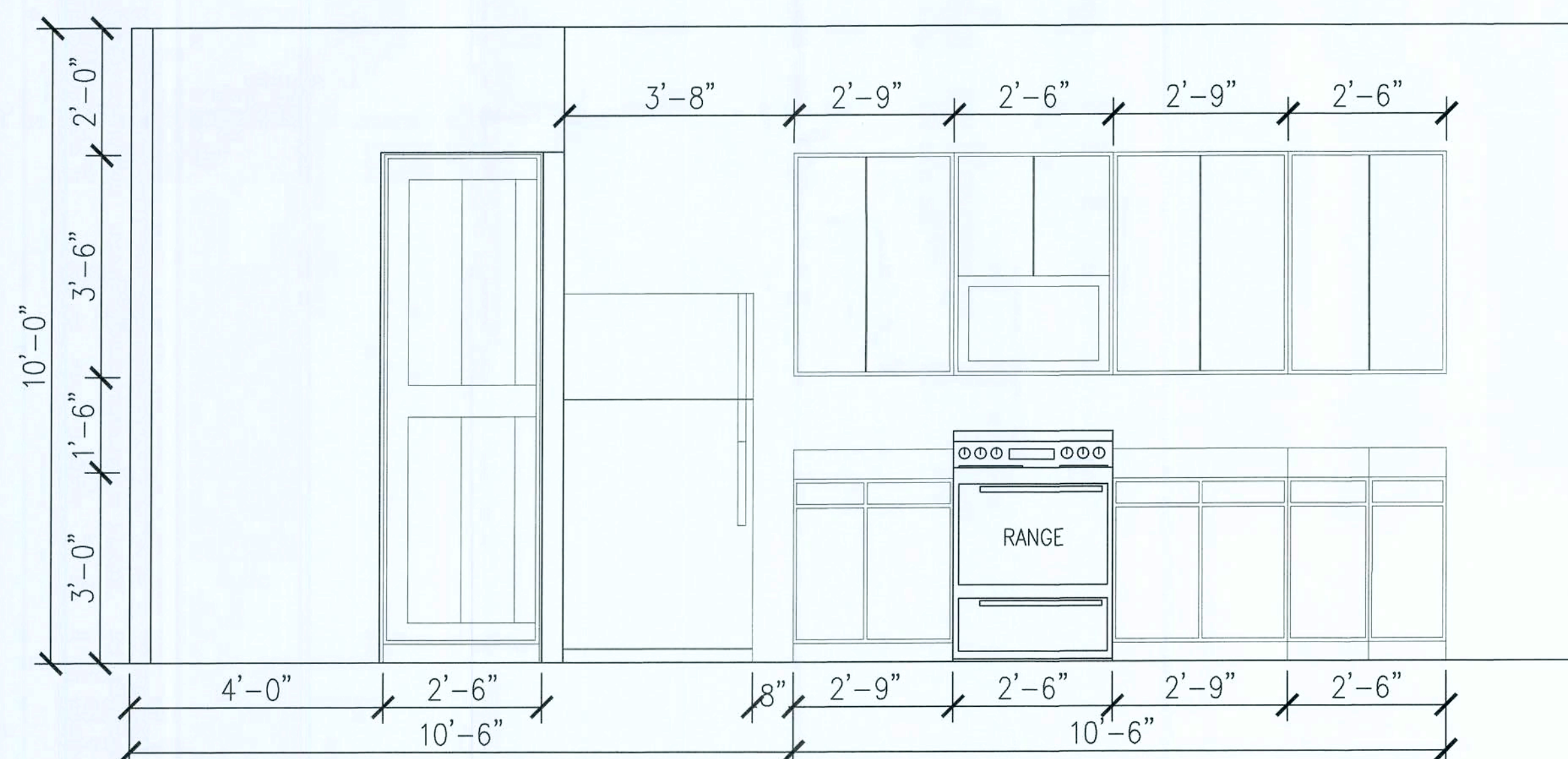
B
D-4
BATH 2
Scale: 1/2"=1'



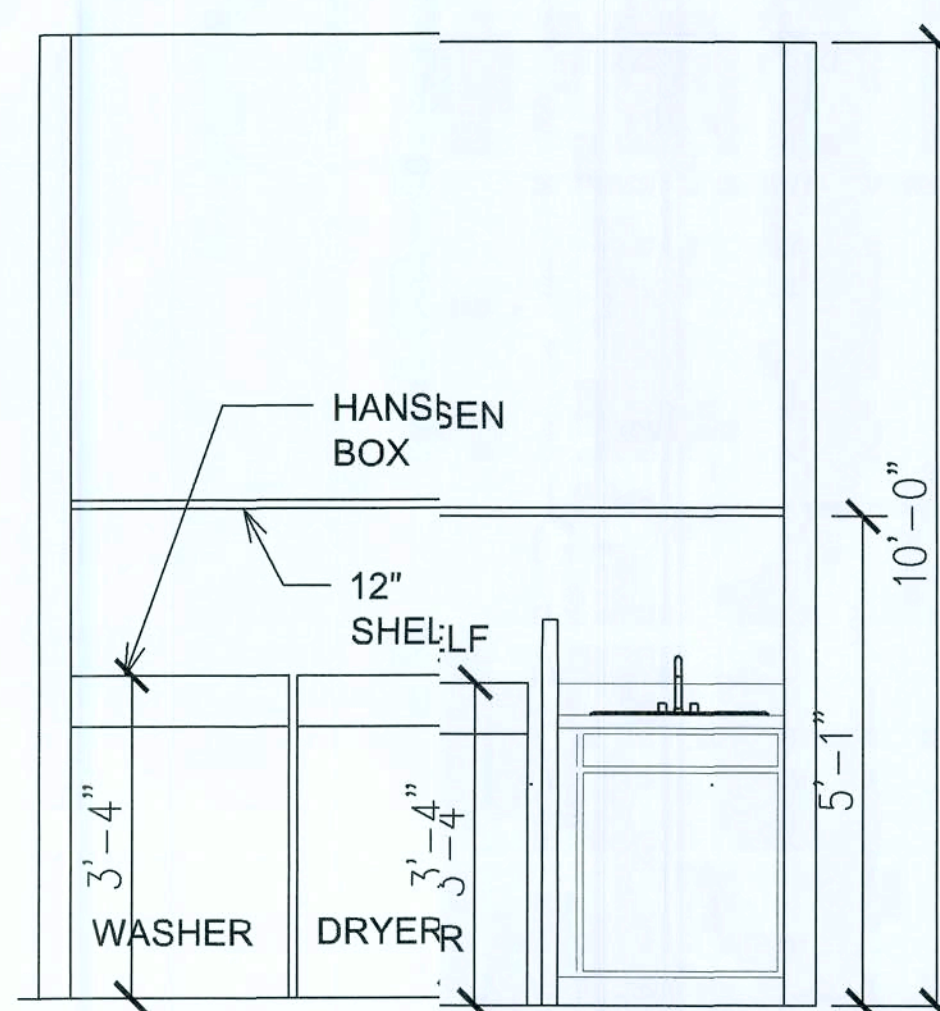
C
D-4
MASTER BATH
Scale: 1/2"=1'



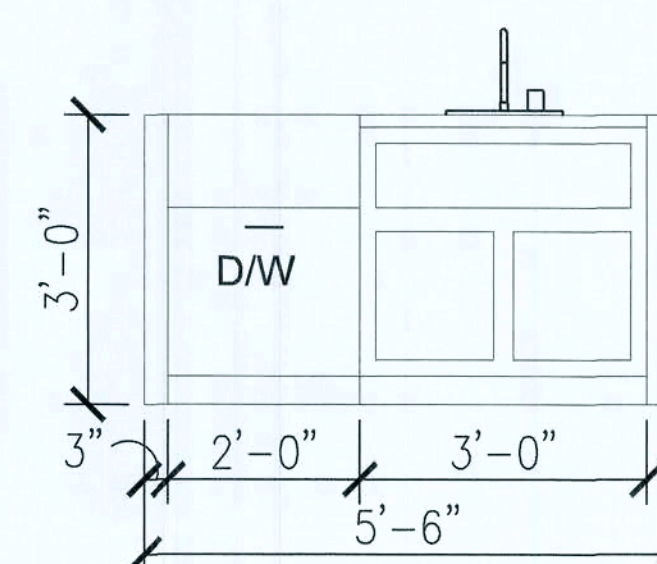
D
D-4
MASTER BATH
Scale: 1/2"=1'



F
D-4
KITCHEN
Scale: 1/2"=1'



E
D-4
LAUNDRY
Scale: 1/2"=1'



G
D-4
KITCHEN ISLAND
Scale: 1/2"=1'

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Richard G. Marceau, P.E. # 64466 6-18-20

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EXTERIOR/INTERIOR DETAIL

LINCOLN MODEL HOME
155 NW MEADOW LARK DR.
LAKE CITY, FL 32055

D-3

Richard G. Marceau, P.E. # 64466
PH: 813-388-6090

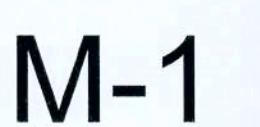
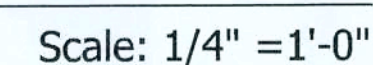
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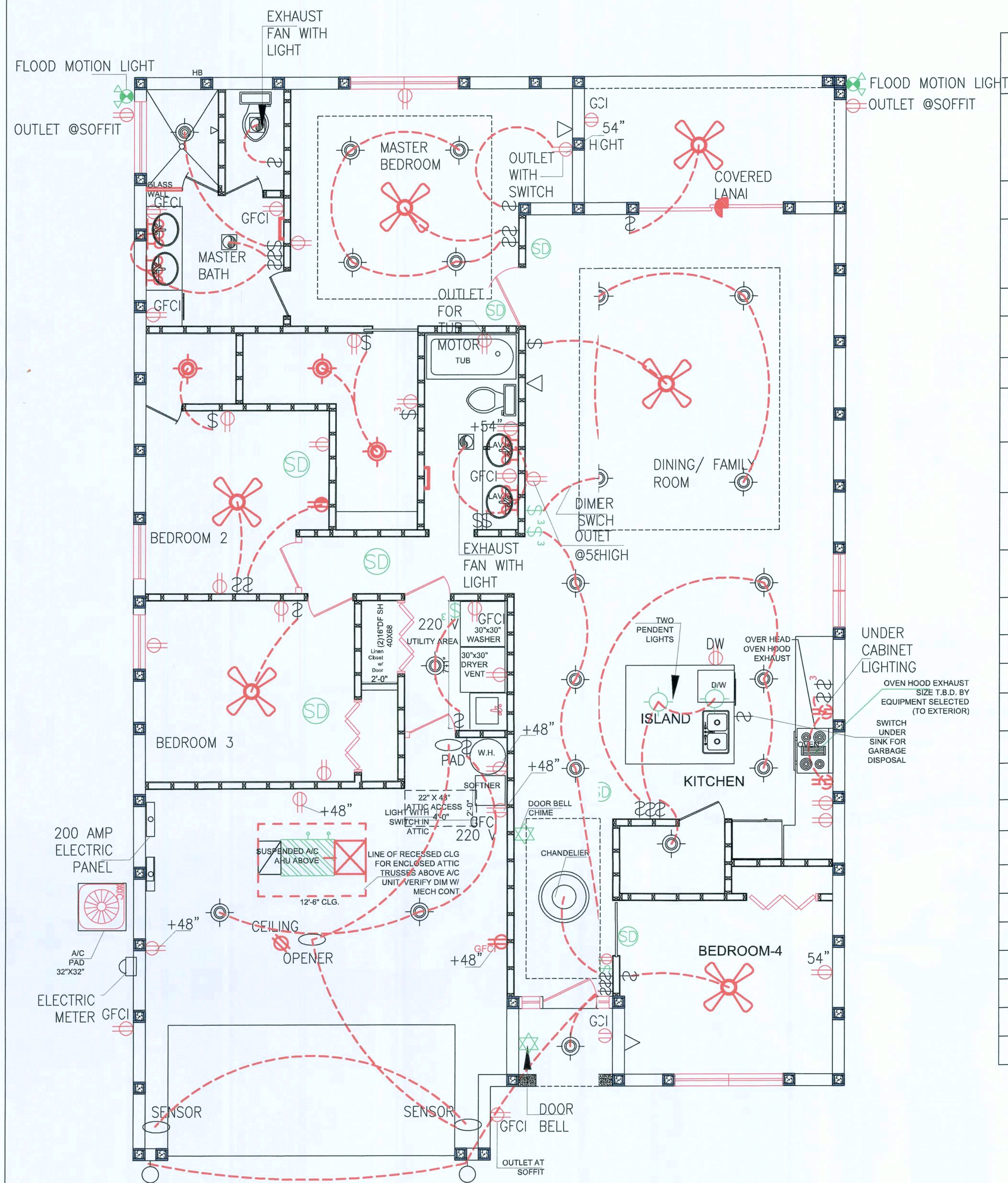
Job # S2022
Drawn By: V.M.
Checked By: S.M.

Issue Date: 06-17-20
Revisions:

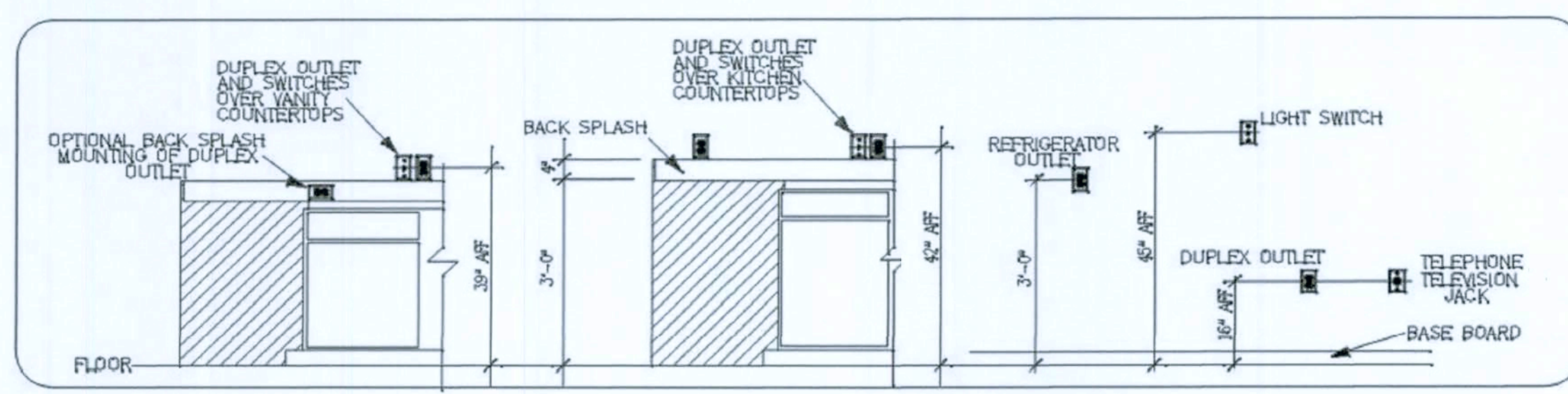
No.	Date	Description
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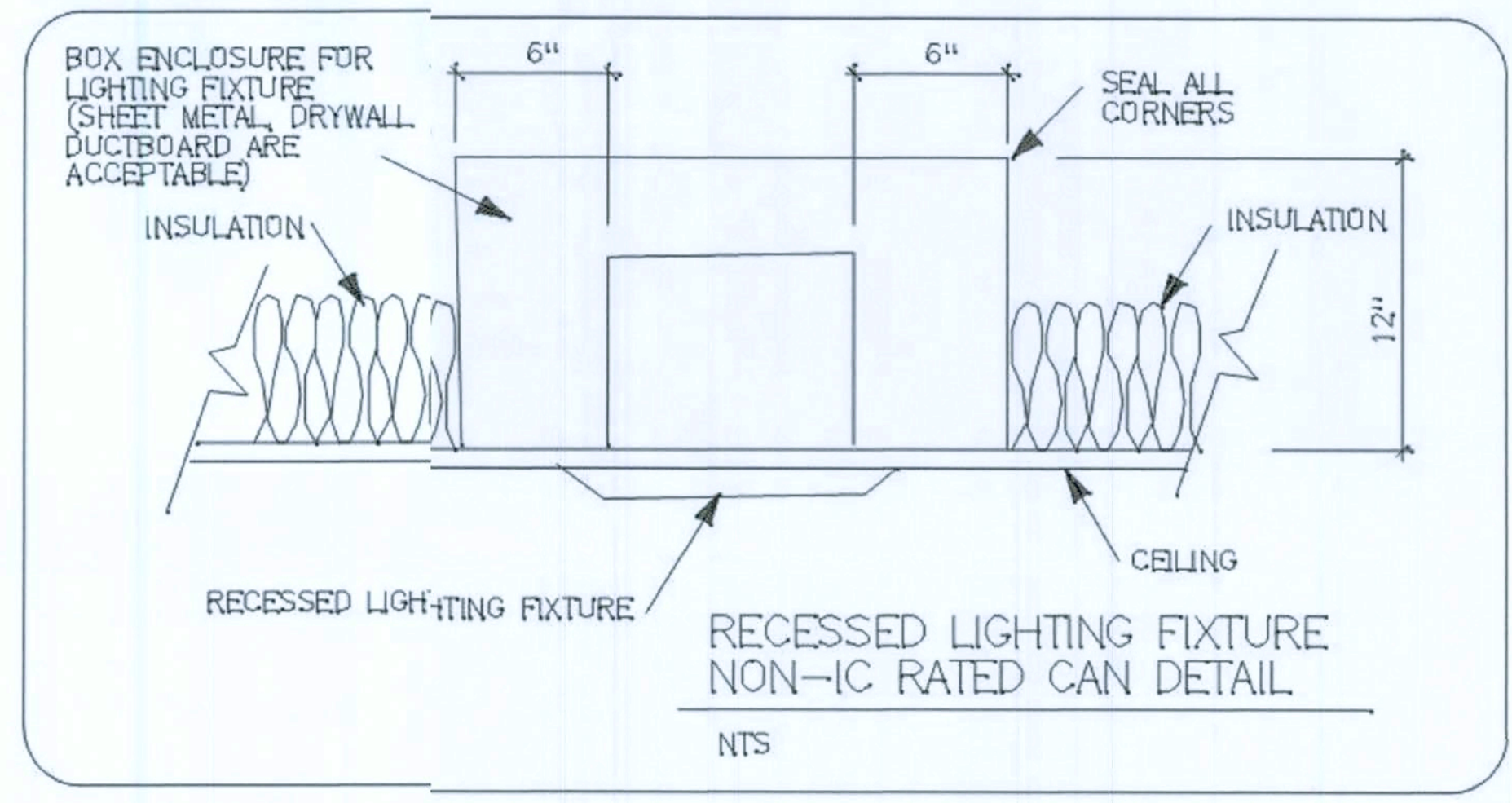




10 ELECTRICAL LAYOUT PLAN
Scale: 1/4" = 1'-0"

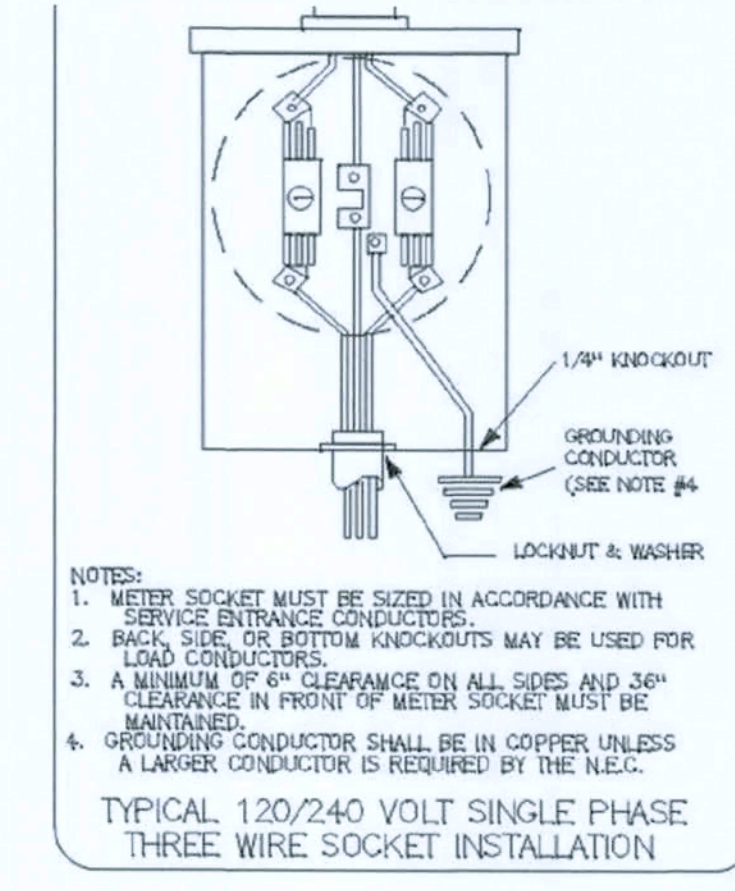
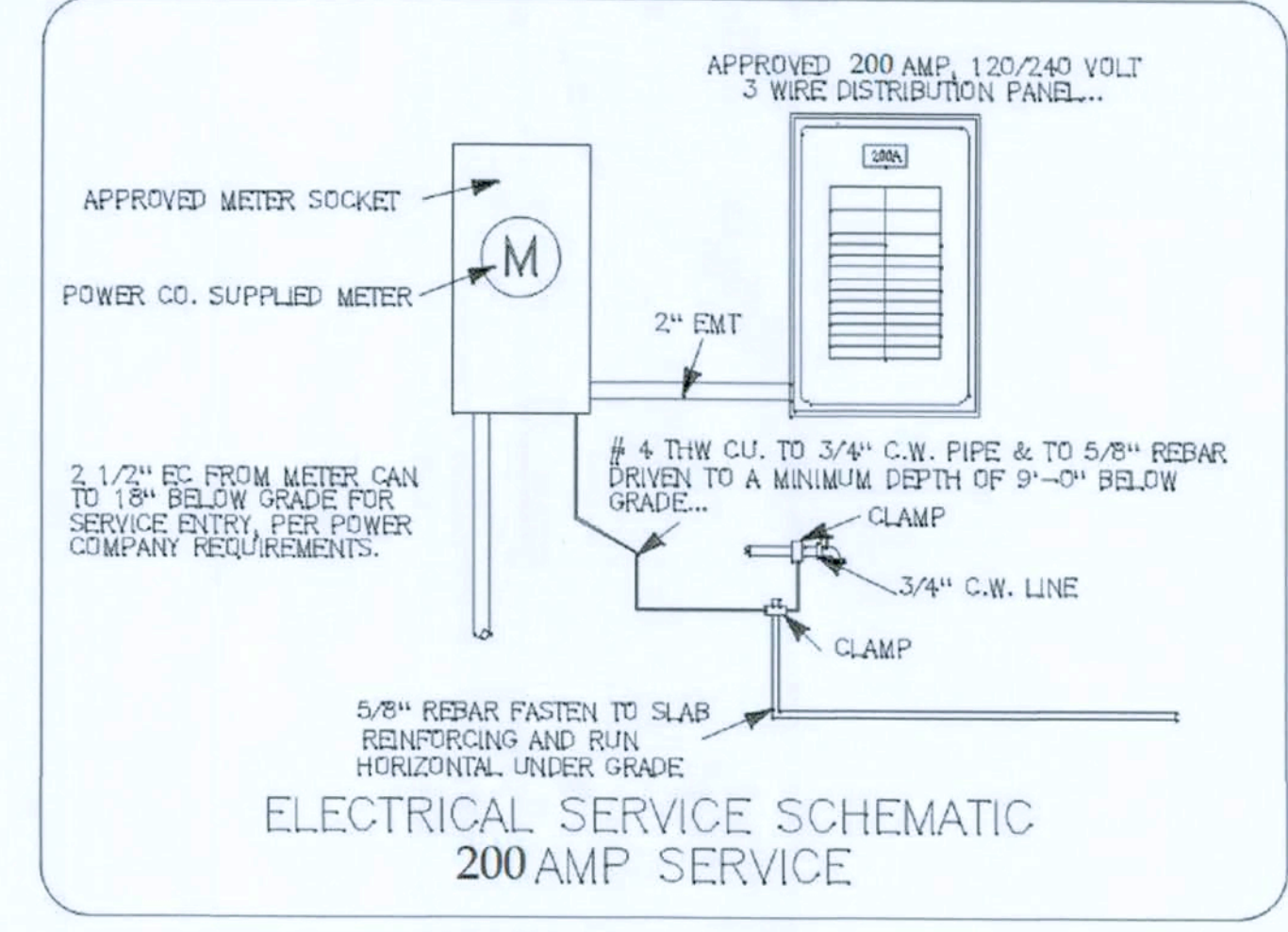


ELECTRICAL SYMBOLS	
CEILING FAN	
SURFACE MOUNTED CEILING FIXTURE	
QUADRUPLX RECEPTACLE ARC FAULT CIRCUIT INTRUPPTER DUPLX OUTLET	
ELECTRICAL WIRING	
SMOKE DETECTOR	
WALL SWITCH	
3-WAY SWITCH (20 AMP RATED) AT 48" A.F.F.	
SWITCH (20 AMP RATED) AT 48" A.F.F.	
EXHAUST FAN (FOR: SIZES SEE HVAC PLAN)	
PHONE - I/T (DATA/COM)	
WALLPACK SECURITY LIGHTS	
VANITY LIGHT	
EXIT LIGHT	
WALL MOUNTED EMERGENCY FIXTURE	
6" RECESSED CAN LIGHT	
EXHAUST FAN	
DOORBELL CHIME	
DOORBELL	
CEILLING OUTLET	
SCONCE LIGHT	
TV INTERNET	
DUPLX RECEP.	
200 AMP ELECTRICAL PANEL	
GROUND FAULT RECPEP	
ELECTRIC METER	



1. SCHEMATIC ONLY.
2. ELECTRICAL CONTRACTOR TO GET THERE OWN SHOP DRAWINGS & PERMIT
3. ELECTRICAL CONTRACTOR TO INSTALL ALL OWNER PROVIDED FIXTURES INCLUDING CEILING FANS

- GENERAL ELECTRICAL NOTES**
1. FIXTURES AS PER SCHEDULE OR APPROVED EQUAL.
 2. FIXTURES SHALL BE COMPLETE WITH LAMPS.
 3. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIALS REQUIRED TO CONNECT ELECTRICAL POWER TO ALL MECHANICAL EQUIPMENT.
 4. ALL WIRING, CONDUIT, LABOR AND MATERIALS NOT SHOWN ON PLAN, BUT NECESSARY FOR COMPLETE AND PROPER OPERATIONS OF THE ELECTRICAL SYSTEM SHALL BE CONSIDERED AS PART OF THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY.
 5. THE ELECTRICAL CONTRACTOR SHALL COORDINATE AND INSTALL ALL CONDUIT REQUIRED FOR THE TELEPHONES.
 6. ALL WORK AS PER GENERAL SPECIFICATIONS AND ALL FEDERAL, STATE AND LOCAL CODES.
 7. THE ELECTRICAL CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO SUBMITTING A BID.
 8. THE ELECTRICAL CONTRACTOR SHALL PERSONALLY CONTACT THE POWER COMPANY IN ORDER TO VERIFY AND COORDINATE THE INSTALLATION OF THE MAIN ELECTRICAL SERVICE AND TRANSFORMER PLACEMENT TO THE BUILDING.
 9. THE ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL ALL FIRE ALARM DEVICES REQUIRED TO SATISFY ALL APPLICABLE CODES & PROVIDE A WORKING SYSTEM. DEVICES SHOWN ON PLANS ARE FOR GUIDELINES ONLY.
 10. THE ELECTRICAL CONTRACTOR SHALL PROVIDE A 200 AMP SINGLE PHASE TEMPORARY ELECTRICAL SERVICE AND WEATHER PROOF OUTLETS. COORDINATE LOCATION WITH POWER COMPANY. INCLUDE ALL FEES FOR TEMPORARY SERVICE IN THE BASE BID. REMOVE TEMP SERVICE AFTER MAIN SERVICE BECOMES USABLE.
 11. THE ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL TEMPORARY CONSTRUCTION LIGHTING PER O.S.H.A. AND CITY MINIMUM LIGHTING LEVELS IN THE BASE CONTRACT.



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Richard G. Marceau, P.E. # 64466
6-18-20

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ELECTRICAL FLOOR PLAN

LINCOLN MODEL HOME
155 NW MEADOW LARK DR.
LAKE CITY, FL 32055

E-1

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Richard G. Marceau, P.E. # 64466
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Job # **S2022**
Drawn By: **V.M.**
Checked By: **S.G.**

Issue Date: **06-17-20**

Revisions:

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Job #	S2022
Drawn By:	V.M.
Checked By:	S.G.

Issue Date: 06-17-20

Revisions:		
No.	Date	Description
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PLUMBING LAYOUT PLAN

LINCOLN MODEL HOME
155 NW MEADOW LARK DR.
LAKE CITY, FL 32055





P-1



DRAWING SCALE: NTS

GENERAL PLUMBING NOTES

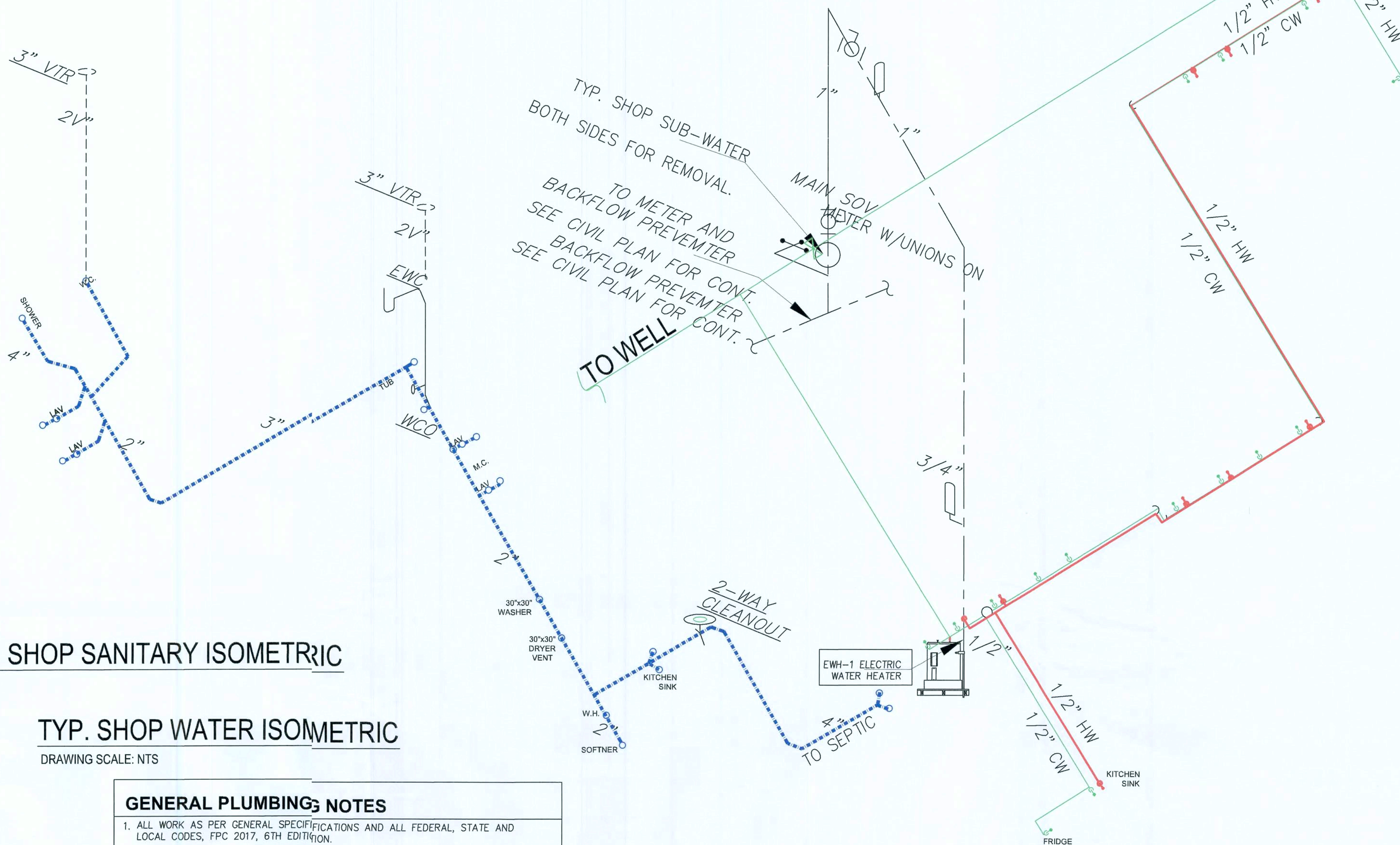
1. ALL WORK AS PER GENERAL SPECIFICATIONS AND ALL FEDERAL, STATE AND LOCAL CODES, FPC 2017, 6TH EDITION.
2. FOR HOT AND COLD WATER APPLICATIONS TYPE L COPPER SHALL BE USED OR PEX AS ALLOWED BELOW.
3. CROSSLINKED POLYETHYLENE (PEX) PIPING MAY BE SUBSTITUTED FOR COPPER GIVEN THE FOLLOWING SPECIFICATIONS: USE ON COLD WATER AND HOT WATER APPLICATIONS NOT TO EXCEED 140 ° DEGREES F. ZURN OR EQUAL PIPE AND FITTINGS SHALL BE USED. THE FOLLOWING STANDARDS SHALL BE ADHERED TO: ASTM F876 FOR THE PIPE, ASTM F1807 BRASS FITTINGS MUST BE USED. DO NOT HYPERCHLORATE THE SYSTEM IN EXCESS OF 5 PPM OR AS ALLOWED BY MANUFACTURER. DO NOT STORE PEX IN DIRECT SUNLIGHT. DO NOT BUY PEX FROM ANY WAREHOUSE KEEPING PEX STORED OUTSIDE. DO NOT INSTALL ANY PEX PIPING THAT HAS BEEN EXPOSED TO SUNLIGHT LONG ENOUGH FOR THE LABELING TO FADE. PEX THAT IS TO BE EXPOSED IN OPEN SLAB APPLICATIONS FOR LONGER THAN ONE WEEK SHALL BE WRAPPED IN ALUMINIZED TAPE TO PROTECT AGAINST UV DEGRADATION.
4. ALL FIXTURES USED SHALL BE AS PER SCHEDULE OR EQUAL.
5. ALL FIXTURES SHALL HAVE STOP VALVES AT WALL.
6. ALL VENTS SHALL BE CARRIED THROUGH ROOF, COMPLETE WITH ROOF SYSTEM COMPATIBLE ROOF JACKS.
7. ALL TOILET SEATS SHALL BE FOR ELONGATED BOWLS WITH OPEN FRONTS.
8. TO FACILITATE THE CLARITY OF THE E DRAWINGS, SEWER, WATER, AND GAS LINES ARE NOT ALWAYS SHOWN IN THEIR EXACT LOCATIONS.
9. CONTRACTOR SHALL VISIT JOB SITE : PRIOR TO BID AND VERIFY NEWCONDITIONS. NOTIFY ENGINEER IF NEWCONDITIONS DO NOT MATCH CONTRACT DOCUMENTS.
10. PROVIDE WETTED TRAPS TO ALL FLOOR DRAINS.
11. ROUTE TEMPERATURE AND PRESSURE RELIEF FROM WATER HEATER TO SEWER OR TO THE OUTSIDE OF BUILDING.

PLUMBING LEGEND		
SYMBOL	DESCRIPTION	
 CW	COLD WATER	1"
 HW	HOT WATER	1"
 SS	SANITARY SEWER	3"
	HOSE BIB W/SOV	

PLUMBING FIXTURE SCHEDULE

PLUMBING FIXTURE SCHEDULE							
MARK	QUANTITY	DESCRIPTION	CONNECTION SIZES				MFG. & MODEL NO.
			WASTE	VENT	C.W.	H.W.	
HWC	5	HANDICAP TANK TOILET	2"	3"	1/2"		KOHLER HIGLINE PRESS. LITE ELONGATED MODEL K-3493, 1.6PM, PROVIDE SEAT.
HLAV	5	HANDICAP LAVATORY	2"	-	-	-	WALL MTD. DHILER HUDSON MODEL K-2861, PROVIDE FAUCET SYMONS MODEL S-20-2VPG W/GRID STRAINER, 4 CENTERSET, 0.56PM.
HD EWC	5	HANDICAP DRINKING FOUNTAIN	2"	-	-	-	ELKAY MODEL LZSTL8C, BARRIER FREE, DUAL LEVEL.

COORDINATE FIXTURES WITH OWNER.



Notes:

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Richard G. Marceau

Richard G. Marceau, P.E. # 64466 6-10-

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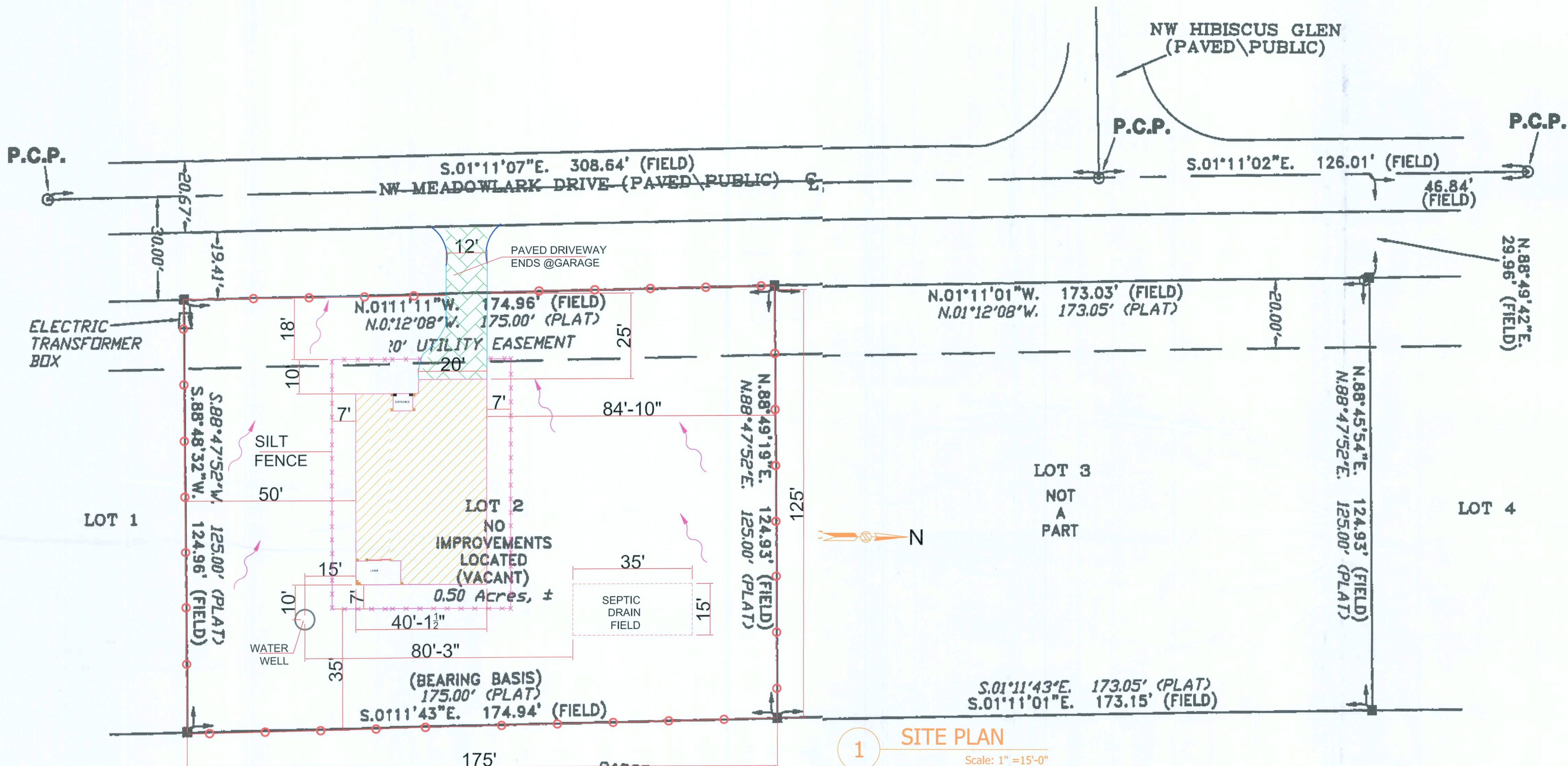
Job # S2022
Drawn By: V.M.
Checked By: S.G.

Issue Date 08-05-20

No.	Date	Description
1		
2		
3		
4		

SITE PLAN
LINCOLN MODEL HOME
155 NW MEADOW LARK DR.
LAKE CITY, FL 32055

SP-1



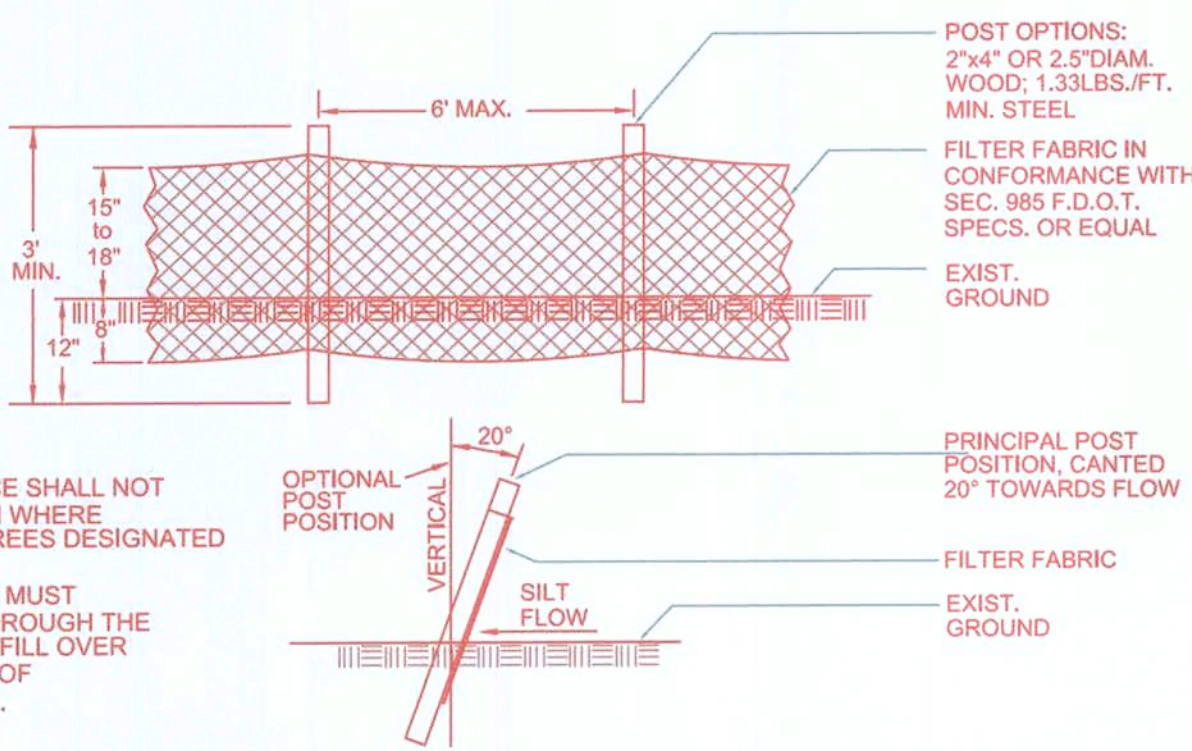
1 SITE PLAN
Scale: 1" = 15'-0"

SYMBOL LEGEND:

■	4"x4" CONCRETE MONUMENT FOUND
□	4"x4" CONCRETE MONUMENT SET
○	IRON PIPE FOUND
×	IRON PIPE AND CAP SET
+	"X" CUT IN PAVEMENT
⊕	CALCULATED PROPERTY CORNER
⊙	NAIL & DISK
⊗	POWER POLE
+	SIGN POST
⊕	WATER METER
⊙	UTILITY BOX
⊗	WELL
⊕	SANITARY MANHOLE
⊙	CENTERLINE
---	SECTION LINE
---	ELECTRIC LINES
---	WIRE FENCE
---	CHAIN LINK FENCE
---	WOODEN FENCE
(PLAT)	AS PER A PLAT OF RECORD
(DEED)	AS PER A DEED OF RECORD
(CALC)	AS PER CALCULATIONS
(FIELD)	AS PER FIELD MEASUREMENTS
P.R.M.	PERMANENT REFERENCE MARKER
P.C.P.	PERMANENT CONTROL POINT

LEGEND

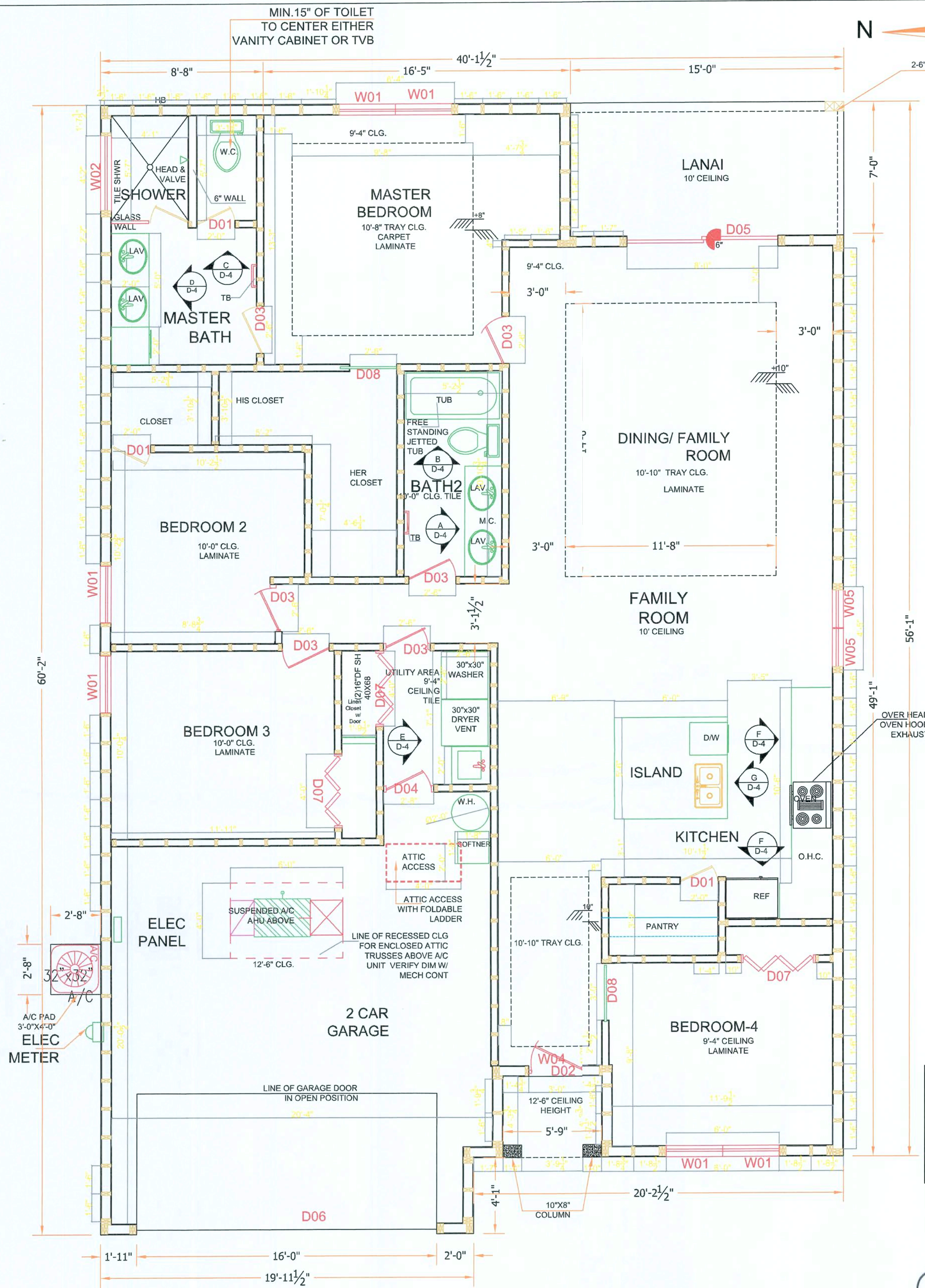
- DENOTES 5/8" IRON ROD & CAP SET (LB7683)
- DENOTES IRON PIPE OR REBAR FOUND (5/8")
- DENOTES 4"x4" CONCRETE MONUMENT SET (LB7683)
- DENOTES 4"x4" CONCRETE MONUMENT FOUND
- ⊕ DENOTES NAIL & DISC FOUND
- NO. - NO IDENTIFICATION
- FND - FOUND
- CM - CONCRETE MONUMENT
- ± - MORE OR LESS
- ORB - OFFICIAL RECORDS BOOK
- PG - PAGE (S)
- (P) - PLAT
- (D) - DEED
- (C) - CALCULATED
- (M) - MEASURED
- AC - ACRE(S)
- POB - POINT OF BEGINNING
- POC - POINT OF COMMENCEMENT
- EOP - EDGE OF PAVEMENT
- EOG - EDGE OF GRADE
- N - NORTH
- E - EAST
- S - SOUTH
- W - WEST
- PC - POINT OF CURVATURE
- PI - POINT OF INTERSECTION
- PT - POINT OF TANGENCY
- IP - IRON PIPE
- IPC - IRON PIPE AND CAP
- IR - IRON ROD
- IRC - IRON ROD AND CAP
- R - RADIUS
- T - TANGENT
- L - ARC LENGTH
- Δ - CENTRAL ANGLE
- CH - CHORD BEARING & DISTANCE
- R/W - RIGHT OF WAY
- TWP - TOWNSHIP
- RNG - RANGE
- X - X DENOTES FENCE
- E - E DENOTES OVERHEAD ELECTRIC
- ⊙ - POWER POLE
- CONCRETE
- ⊕ - TELEPHONE PEDESTAL
- SILT FENCE
- FLOW ARROW



SILT BARRIER DETAIL

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FLOOR PLAN

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

FLORIDA PRODUCT APPROVALS				
CATEGORY	SUB-CATEGORY	MANUFACTURER	APPROVAL CODE (FL#)	APPROVAL DATE
PANEL WALLS	EXTERIOR INSULATION FINISH SYSTEM	DRYVIT	3423.4	7/27/2018
WINDOWS	SINGLE-HUNG	JELD-WEN	14095.4	7/28/2017
WINDOWS	FIXED	JELD-WEN	14088.3	8/16/2017
EXTERIOR DOORS	SWINGING EXTERIOR DOOR ASSEMBLY	THERMATRU	10537.4	12/12/2017
EXTERIOR DOORS	GARAGE DOOR	CLOPAY	5684.1	10/10/2017
EXTERIOR DOORS	GARAGE DOOR	CLOPAY	5684.18	10/10/2017
EXTERIOR DOORS	SWINGING EXTERIOR DOOR ASSEMBLY	THERMATRU	7640.1	12/12/2017
EXTERIOR DOORS	SLIDING EXTERIOR DOOR ASSEMBLIES	JELD-WEN	21705.1	6/24/2020
PANEL WALLS	SOFFITS	JAMES HARDIE	13265.1	6/2/2020
ROOFING	ASPHALT SHINGLES	GAF	10124.1	4/7/2020
ROOFING	UNDERLAYMENTS	OWENS CORNING	14299.1	6/18/2019

DOOR SCHEDULE									
NUMBER	LABEL	QTY	FLOOR	CALL SIZE	WIDTH	HEIGHT	R/O	DESCRIPTION	HEADER
D01	2068	3	1	2480 IN	24"	80"	26 1/2"x82"	INTERIOR DOOR	2X4X38 1/2"
D02	3068	1	1	3680 EX	36"	80"	38 1/2"x82"	FRONT DOOR EXTERIOR	2X4X50 1/2"
D03	2668	6	1	3080 IN	30"	80"	32 1/2"x82"	INTERIOR DOOR	2X4X44 1/2"
D04	2868	1	1	3280 EX	32"	80"	34 1/2"x82"	SOLID CORE DOOR	2X4X46 1/2"
D05	8080	1	1	9696 EX	96"	96"	98 1/2"x98 1/2"	SLIDING GLAZED DOOR	2X4X110 1/2"
D06	1668	1	1	19280 EX	192"	84"	194 1/2"x82"	GARAGE DOOR	2X4X206 1/2"
D07	4068	3	1	4880 IN	48"	80"	50 1/2"x82"	BIFOLD DOOR	2X4X62 1/2"
D08	2668	1	1	3080 IN	30"	80"	32 1/2"x82"	BARN DOOR	2X4X44 1/2"
D09	2668	1	1	3080 IN	30"	80"	32 1/2"x82"	POCKET SLIDER	2X4X44 1/2"

WINDOW SCHEDULE									
NUMBER	LABEL	QTY	FLOOR	CALL SIZE	WIDTH	HEIGHT	R/O	TYPE	
W01	3056	6	1	3666	36"	66"	37 1/2"x66"	SINGLE HUNG	
W02	4020	1	1	4824	48"	24"	49 1/2"x 30"	AWNING	
W03	2640	1	1	3048	30"	18"	31 1/2"x54"	FIXED	
W04	3016	1	1	3618	36"	18"	37 1/2"x18"		
W05	2056	2	1	2466	24"	66"	25 1/2" X68"	SINGLE HUNG	

NOTE: MAIN WATER LINE TO HOME TO SOFTNER THEN WATER HEATER

HEADER SCHEDULE		
OPENING SIZE	HEADER	REMARKS
UP TO 3'-4"	DOUBLE 2X6	
3'-5" TO 6'-0"	DOUBLE 2X8	
6'-1" TO 8'-6"	DOUBLE 2X10	(2) JACK STUDS EACH ENDS
8'-7" TO 12'-6"	DOUBLE 2X12	(2) JACK STUDS EACH ENDS

R311.2 EGRESS DOOR
AT LEAST ONE EGRESS DOOR SHALL BE PROVIDED FOR EACH DWELLING UNIT. THE EGRESS DOOR SHALL BE SIDE-HINGED, AND SHALL PROVIDE A MINIMUM CLEAR WIDTH OF 32 INCHES (813 mm) WHEN MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES (1.57 rad). THE MINIMUM CLEAR HEIGHT OF THE DOOR OPENING SHALL NOT BE LESS THAN 78 INCHES (1981 mm) IN HEIGHT MEASURED FROM THE TOP OF THE THRESHOLD TO THE BOTTOM OF THE STOP. OTHER DOORS SHALL NOT BE REQUIRED TO COMPLY WITH THESE MINIMUM DIMENSIONS. EGRESS DOORS SHALL BE READILY OPENABLE FROM INSIDE THE DWELLING WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.

TABLE R302.6 DWELLING / GARAGE SEPARATION	
SEPARATION	MATERIAL
FROM THE RESIDENCE AND ATTICS	NOT LESS THAN 1/2 INCH GYPSUM BOARD OR EQUIVALENT APPLIED TO THE GARAGE SIDE
FROM ALL HABITABLE ROOMS ABOVE THE GARAGE	NOT LESS THAN 5/8 INCH TYPE "X" GYPSUM BOARD OR EQUIVALENT
STRUCTURE(S) SUPPORTING FLOOR/CEILING ASSEMBLIES USED FOR SEPARATION REQUIRED BY THIS SECTION	NOT LESS THAN 1/2 INCH GYPSUM BOARD OR EQUIVALENT
GARAGES LOCATED LESS THAN 3 FEET FROM A DWELLING UNIT ON THE SAME LOT	NOT LESS THAN 1/2 INCH GYPSUM BOARD OR EQUIVALENT APPLIED TO THE INTERIOR SIDE OF EXTERIOR WALLS THAT ARE WITHIN THIS AREA

TABLE R301.2(4) GARAGE DOOR LOADS FOR A BUILDING WITH A MEAN HEIGHT OF 30 FEET LOCATED IN EXPOSURE B							
Based AS DETERMINED IN ACCORDANCE WITH SECTION R301.2.1.3 (MPH - 3 SECOND GUST)							
ROOF ANGLE <10 DEGREES	EFFECTIVE AREA:	90	100	110	120	130	140
WIDTH (FT.)	HEIGHT (FT.)						
9	7	12.8-14.5	15.8-17.9	19.1-21.6	22.8-25.8	26.7-30.2	31.0-35.1
16	7	12.3-13.7	15.2-16.9	18.3-20.4	21.8-24.3	25.6-28.5	29.7-33.1

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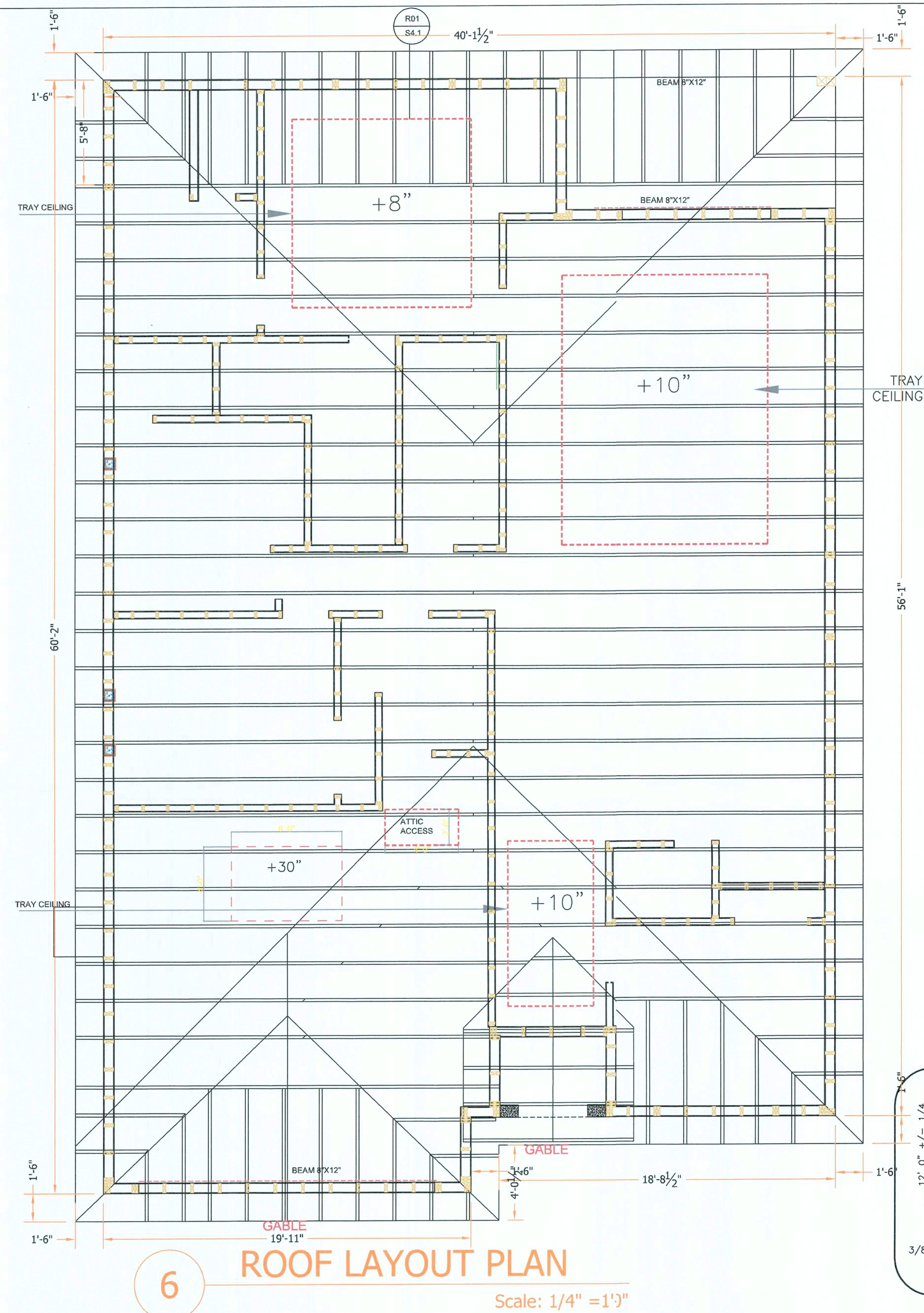
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Job # S2022
Drawn By V.M.
Checked By: S.G.

Revisions:		
No.	Date	Description
1	11/11/16	ISSUED FOR PERMIT
2	11/11/16	ISSUED FOR PERMIT
3	11/11/16	ISSUED FOR PERMIT
4	11/11/16	ISSUED FOR PERMIT

FLOOR PLAN
LINCOLN MODEL HOME
155 NW MEADOW LARK DR.
LAKE CITY, FL 32055

A-1

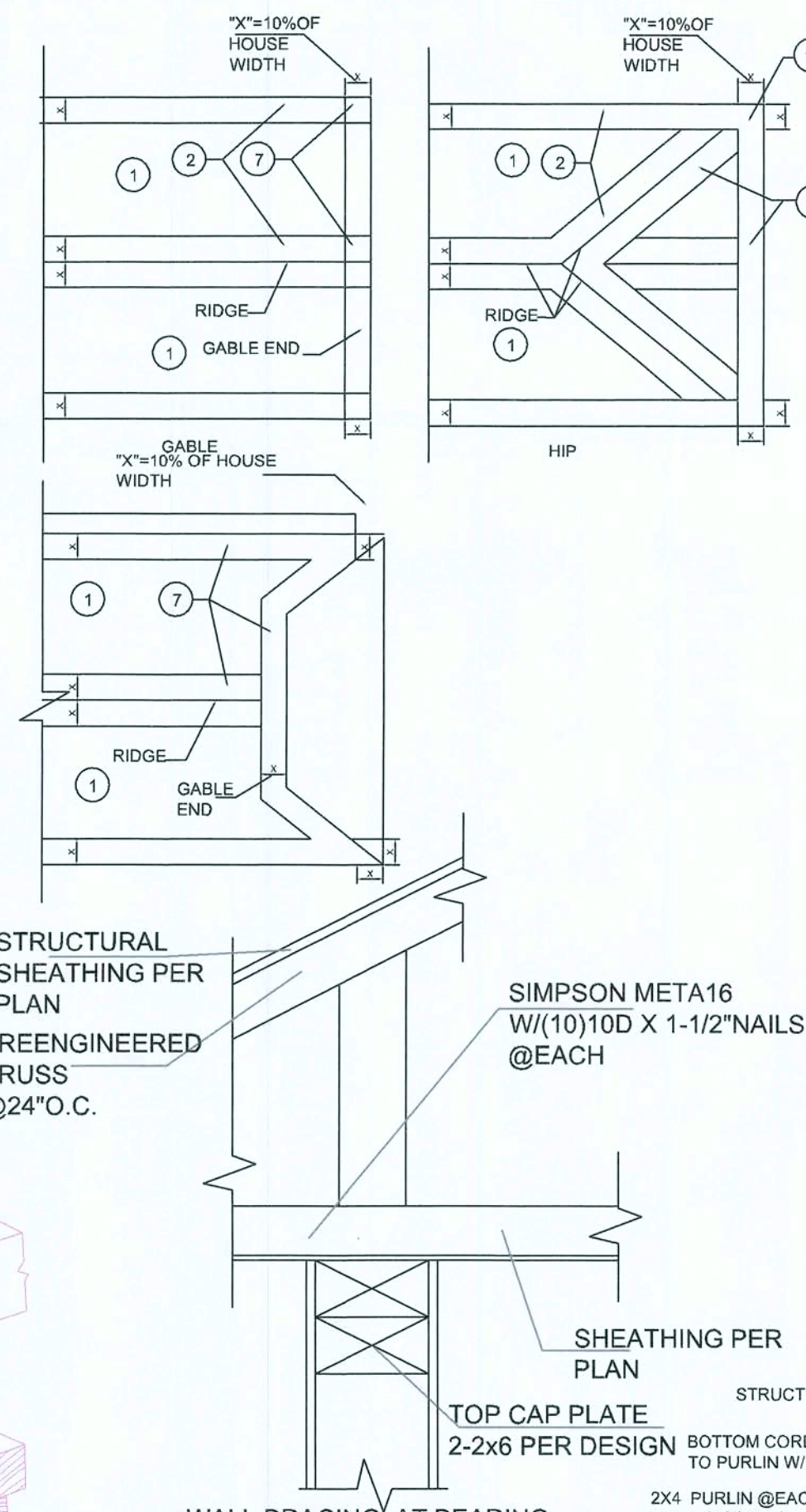
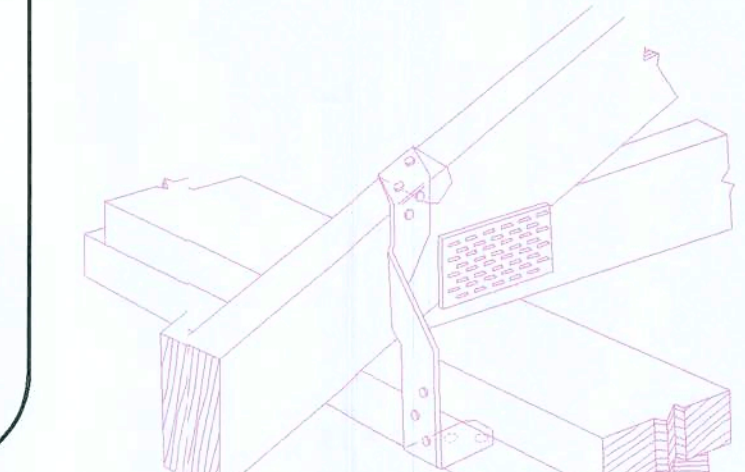
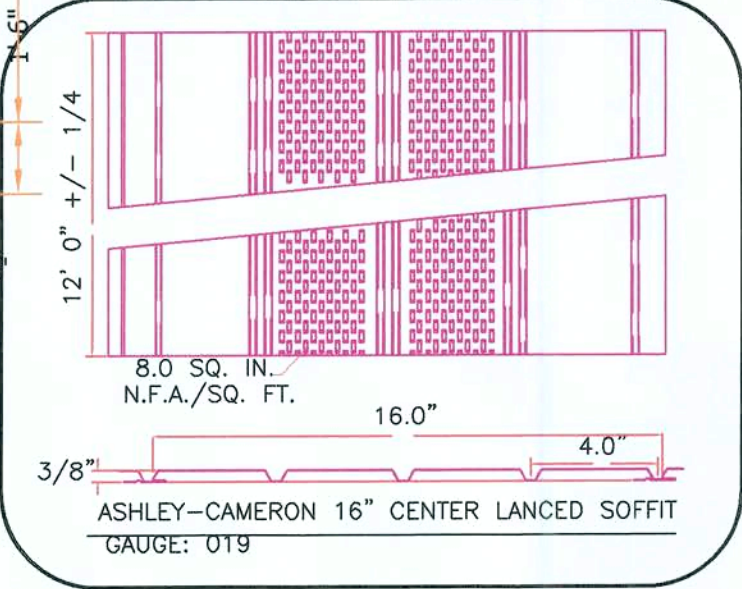
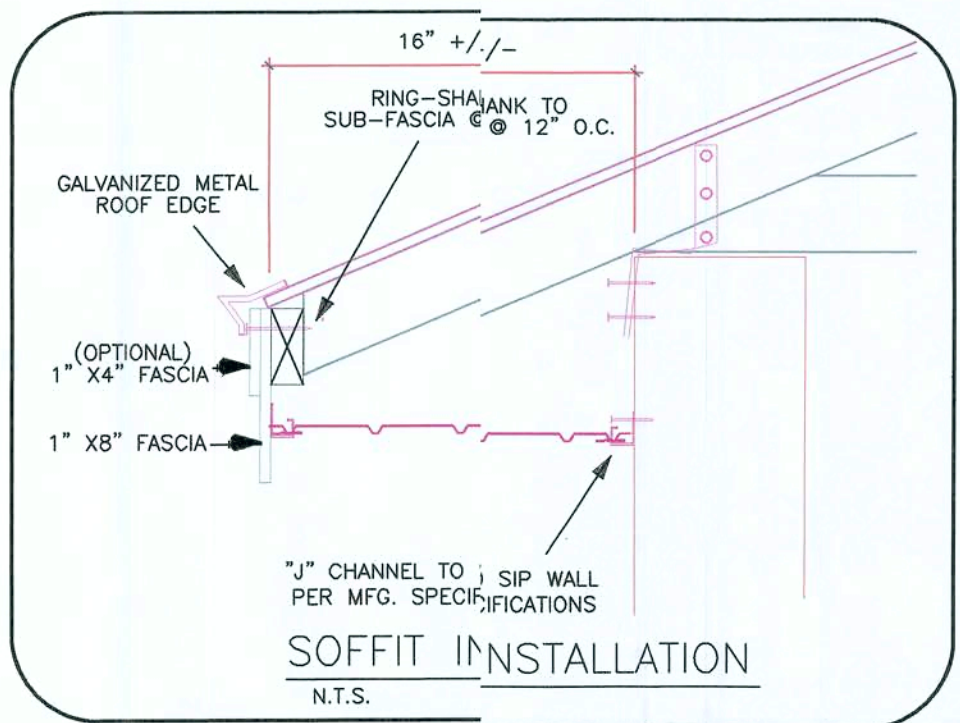


NOTE:
1. ALL PRE-ENGINEERED WOOD PRODUCTS SHALL BE VERIFIED BY TRUSS MANUFACTURER. TRUSS MANUFACTURER SHALL HAVE THE AUTHORITY TO MAKE SUBSTITUTIONS FOR PRODUCTS SPECIFIED ON THE PLANS DUE TO AVAILABILITY OR ECONOMICS. CHANGES SPECIFIED BY THE TRUSS MANUFACTURER SHALL CONTROL. CHANGES MADE AFTER TRUSS ENGINEERING HAS BEEN PROVIDED TO ENGINEER OF RECORD, MUST BE APPROVED BY THE ENGINEER OF RECORD.
2. FRAMING PLAN IS DIAGRAMMATIC IN NATURE AND IS PROVIDED FOR ILLUSTRATION PURPOSES ONLY. TRUSS MANUFACTURER TO PROVIDE SEPARATE LAYOUT AND TRUSS COMPONENT DESIGN SIGNED AND SEALED BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER.
3. ALL PRE-ENGINEERED WOOD PRODUCTS ARE THE RESPONSIBILITY OF THE TRUSS MANUFACTURER. THE TRUSS ENGINEER IS A DELEGATED ENGINEER FOR THIS PROJECT, AND AS SUCH, IS RESPONSIBLE FOR THE VALIDITY OF THE COMPONENTS PROVIDED. FRAMING LAYOUTS SHOWN MAY BE CHANGED BY THE TRUSS MANUFACTURER. THE DELEGATED ENGINEER IS RESPONSIBLE FOR PROVIDING A FINAL SEALED SET OF ALL CALCULATIONS AND LAYOUTS FOR THIS PROJECT TO THE ENGINEER OF RECORD FOR REVIEW PRIOR TO MANUFACTURE OF SAID COMPONENTS. ENGINEER OF RECORD HAS NOT REVIEWED THE PRE-ENGINEERED TRUSS MANUFACTURER'S COMPONENTS AT THIS TIME AND RESERVES THE RIGHT TO MAKE ANY CHANGES AFTER SUCH INFORMATION HAS BEEN PROVIDED FOR REVIEW. CONTRACTOR, AS PROJECT COORDINATOR, SHALL BE RESPONSIBLE FOR INSURING INFORMATION REQUESTED ABOVE HAS BEEN SUBMITTED TO ENGINEER OF RECORD IN A TIMELY MANNER WHEN AVAILABLE.
4. ALL PRE-ENGINEERED TRUSSES TO BE DESIGNED USING THE MOST RECENT TPI CRITERIA. TRUSSES TO BE HANDLED AND INSTALLED USING MOST RECENT HIB RECOMMENDATIONS. TEMPORARY AND PERMANENT BRACING SHALL BE PER MOST RECENT HIB RECOMMENDATIONS UNLESS NOTED OTHERWISE, OR MORE STRINGENT CODE REQUIREMENTS APPLY. TRUSS ENGINEER IS RESPONSIBLE FOR INDICATING ALL TRUSS TO TRUSS CONNECTORS. ALL COMPONENTS TO BE DESIGNED FOR BOTH GRAVITY AND UPLIFT LOAD CASES, INCLUDING BEAM COMPONENTS.
5. UPON REVIEW, ENGINEER OF RECORD WILL PROVIDE A REVIEW LETTER INDICATING ANY CHANGE IN STRAPPING OR SUPPORT BASED ON THAT REVIEW. CONSTRUCTION COMMENCING PRIOR TO ENGINEER'S REVIEW IS SUBJECT TO MODIFICATION BASED ON REVIEW LETTER.

ATTIC TABULATION & VENTILATION		
GROSS AREA OF ROOF	3898	SQUARE FEET
GROSS AREA OF VENTED SOFFIT	182	SQUARE FEET
NET AREA OF VENTED SOFFIT	127	SQUARE FEET (70%)
1/150 OF GROSS ROOF AREA	26	SQUARE FEET
1/300 OF GROSS ROOF AREA	13	SQUARE FEET
REQUIRED RIDGE & OFF RIDGE VENTS (TOTAL AREA)	3	SQUARE FEET TOTAL

ATTIC VENTILATION PER FLORIDA BUILDING CODE 2017 6TH EDITION, RESIDENTIAL FOR GABLE AND HIPPED ROOFS. VENTILATION SHALL BE PROVIDED TO FURNISH CROSS VENTILATION OF EACH SEPARATE ATTIC SPACE WITH WEATHER PROTECTED VENTS. ALL VENTS SHALL BE SCREENED TO PROTECT THE INTERIOR FROM INTRUSION OF BIRDS. THE RATIO OF TOTAL NET FREE VENTILATING AREA TO THE AREA OF THE CEILING SHALL BE NOT LESS THAN 1/150. THAT AREA MAY BE REDUCED TO 1/300 PROVIDED:
1. A VAPOR RETARDER HAVING A PERMEANCE NOT EXCEEDING ONE FPERM IS INSTALLED ON THE WARM SIDE OF THE CEILING, OR
2. AT LEAST 50% OF THE REQUIRED VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE SPACE TO BE VENTILATED (AT LEAST 3 FEET ABOVE EAVE OR CORNICE VENTS.)

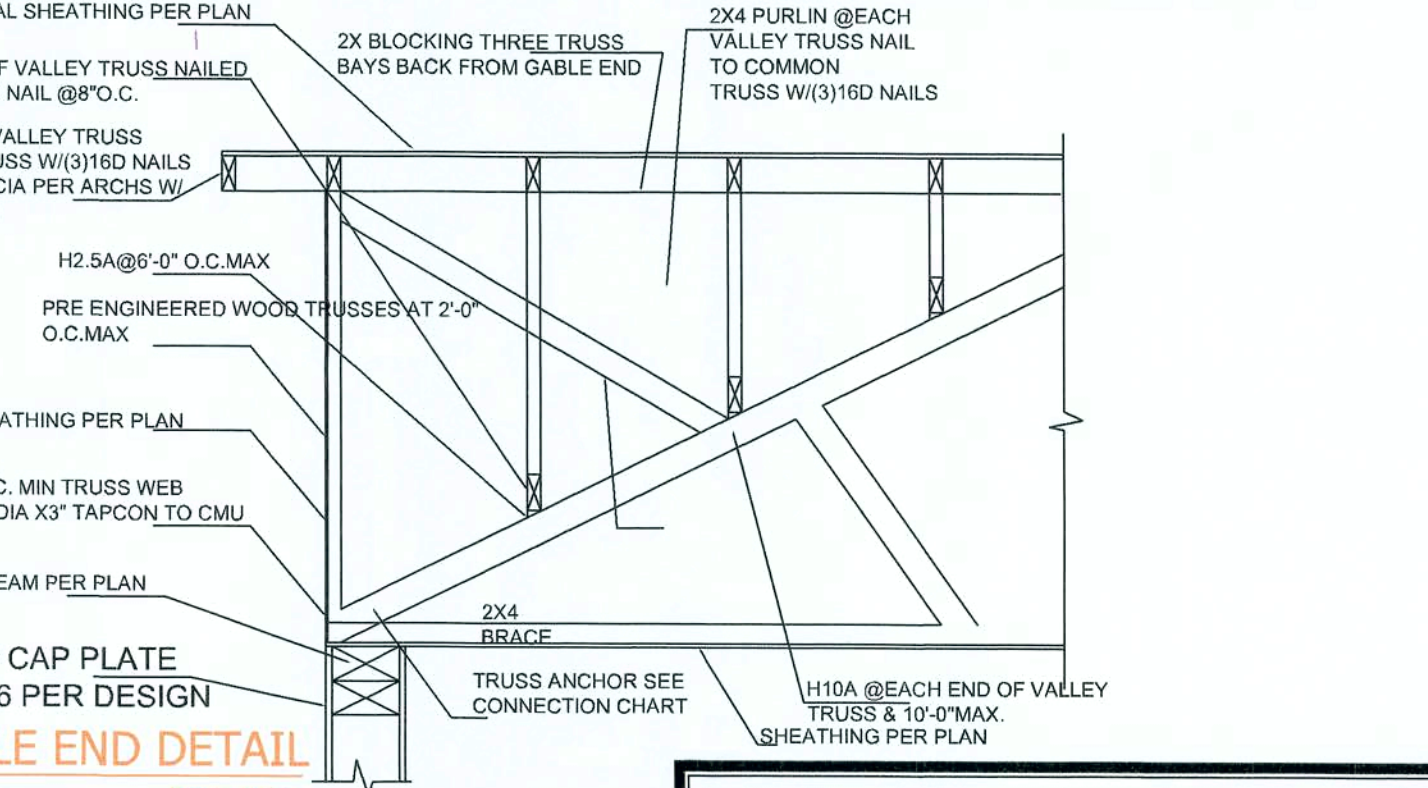
TRUSS LAYOUTS ARE DIAGRAMMATIC IN NATURE AND ARE OFFERED AS A "GUIDE" FOR THE TRUSS MANUFACTURER WHO IS RESPONSIBLE FOR FINAL TRUSS LAYOUTS & PROFESSIONAL ENGINEERING. BUILDER SHALL MAKE FINAL TRUSS LAYOUTS AND ENGINEERING AVAILABLE TO ENGINEER OF RECORD FOR FINAL REVIEW.



CONNECTOR SCHEDULE			
MARK	COMPONANTS	CONNECTOR	FLORIDA APPROVAL CODE
1	POST TO CONCRETE OR MASONARY	SIMPSON ABU 66Z	FL10849.6
2	FLOOR TRUSS TO MASONARY	SIMPSON META 1B	FL1173.17
3	ROOF TRUSS TO PERIMETER WOOD STUD WALL	SIMPSON H10A	FL10456.6
4	ROOF TRUSS TO CENTER WOOD STUD WALL	SIMPSON MTS 16	FL13872.1
5	CORNER STUD TO MASONARY WALL	SIMPSON MTS 16	FL11473.19
6	CORNER STUD TO FLOOR PAVING	SIMPSON MSTAM 36	FL10852.1
7	WALL STUD TO FLOOR FLASHING	SIMPSON CS 16	FL10852.1
8	WALL STUD TO HEADER	SIMPSON CS 16	FL10456.10
9	WALL STUD TO MASONARY WALL	SIMPSON CS 16	FL10852.4
10	HIP RAFTER TO CORNER	SIMPSON H2	FL10456.24
11	ROOF RAFTER TO HIP RAFTER	SIMPSON LSTA24	FL10447.8
12	WALL STUD TO HIP PLATE	SIMPSON HTS20	FL10456.41
13	WALL STUD TO TOP PLATE	SIMPSON LSSU210	FL10456.42
14	JOIST AT HAVAC PLATFORM TO LEDGER BEAM	SIMPSON SP1	FL10656.106
15	LEDGER TO MASONARY WALL	SIMPSON SP2	N/A

BEAM SCHEDULE		
MARK	BEAM HEADER	
B1	(3)2X12 RAFTER WITH (2)1/2"PLYWOOD FLITCH USE 2 ROWS SIMPSON 1/4"X2-1/2" SOS SCREWS @12"O.C. PLUS CTS BEAD OF PLSO CONSTRUCTION ADHESIVE	SIMPSON ACE6 @ TO CORNER SIMPSON AC6 @ TO INTERIORS
B2	(2)2X6 RAFTER WITH 1/2"PLYWOOD FLITCH USE 2 ROWS SIMPSON 1/4"X2-1/2" SOS SCREWS @12"O.C. PLUS CTS BEAD OF PLSO CONSTRUCTION ADHESIVE	SIMPSON ACE5 @ TO CORNER SIMPSON AC6 @ TO INTERIORS
B3	(3)2X8 RAFTER WITH 1/2"PLYWOOD FLITCH USE 2 ROWS SIMPSON 1/4"X2-1/2" SOS SCREWS @12"O.C. PLUS CTS BEAD OF PLSO CONSTRUCTION ADHESIVE	SIMPSON AC5 @ TO INTERIORS
B4	(3)2X10 RAFTER WITH 1/2"PLYWOOD FLITCH USE 2 ROWS SIMPSON 1/4"X2-1/2" SOS SCREWS @12"O.C. PLUS CTS BEAD OF PLSO CONSTRUCTION ADHESIVE	

NAILING SCHEDULE		
CONNECTION	COMMON NAIL	NUMBER OF SPACING
SOLE PLATE TO TRUSS OR BLOCKING	16d	16"O.C.
STUD TO SOLE PLATE, TOE NAIL	8d	4
DOUBLE STUDS, FACE NAIL	10d	24"O.C.
DOUBLE TOP PLATES, FACE NAIL	10d	16"O.C.
TOP PLATES, LAPS AND INTERSECTIONS	10d	3
TRUSSES, LAPS OVER WALLS, FACE NAIL	16d	4
BUILT-UP CORNER STUDS	16d	24"O.C.
STUDS TO SOLE PLATE, END NAIL	16d	2



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Job # S2022
Drawn By: V.M.
Checked By: S.G.

Revisions:		
No.	Date	Description
1	08-05-20	
2		
3		
4		

ROOF LAYOUT PLAN
LINCOLN MODEL HOME
155 NW MEADOW LARK DR.
LAKE CITY, FL 32055

A-3

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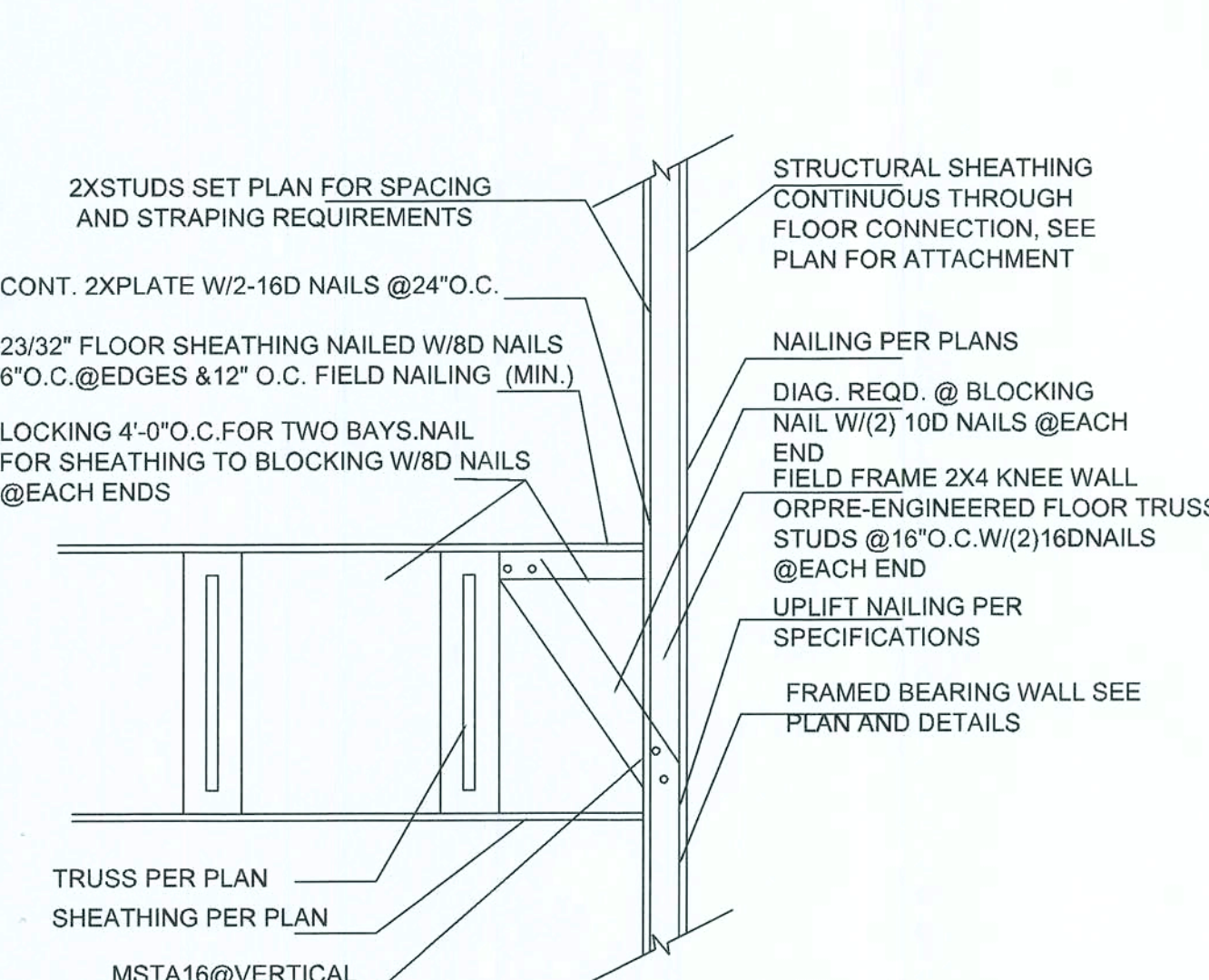
Issue Date: 08-05-20

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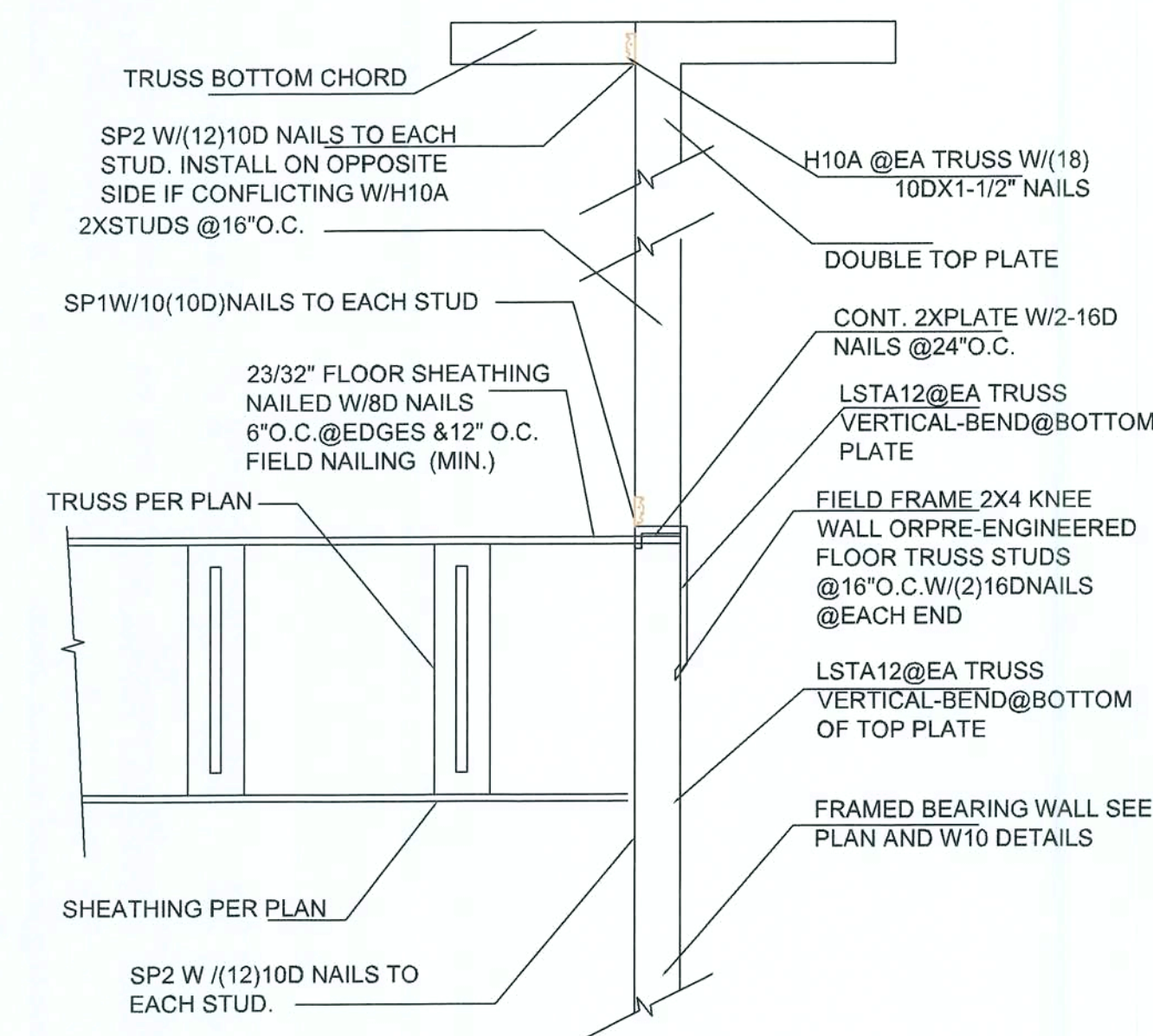
WALLS AND ROOF DETAILS

LINCOLN MODEL HOME
155 NW MEADOW LARK DR.
LAKE CITY, FL 32055

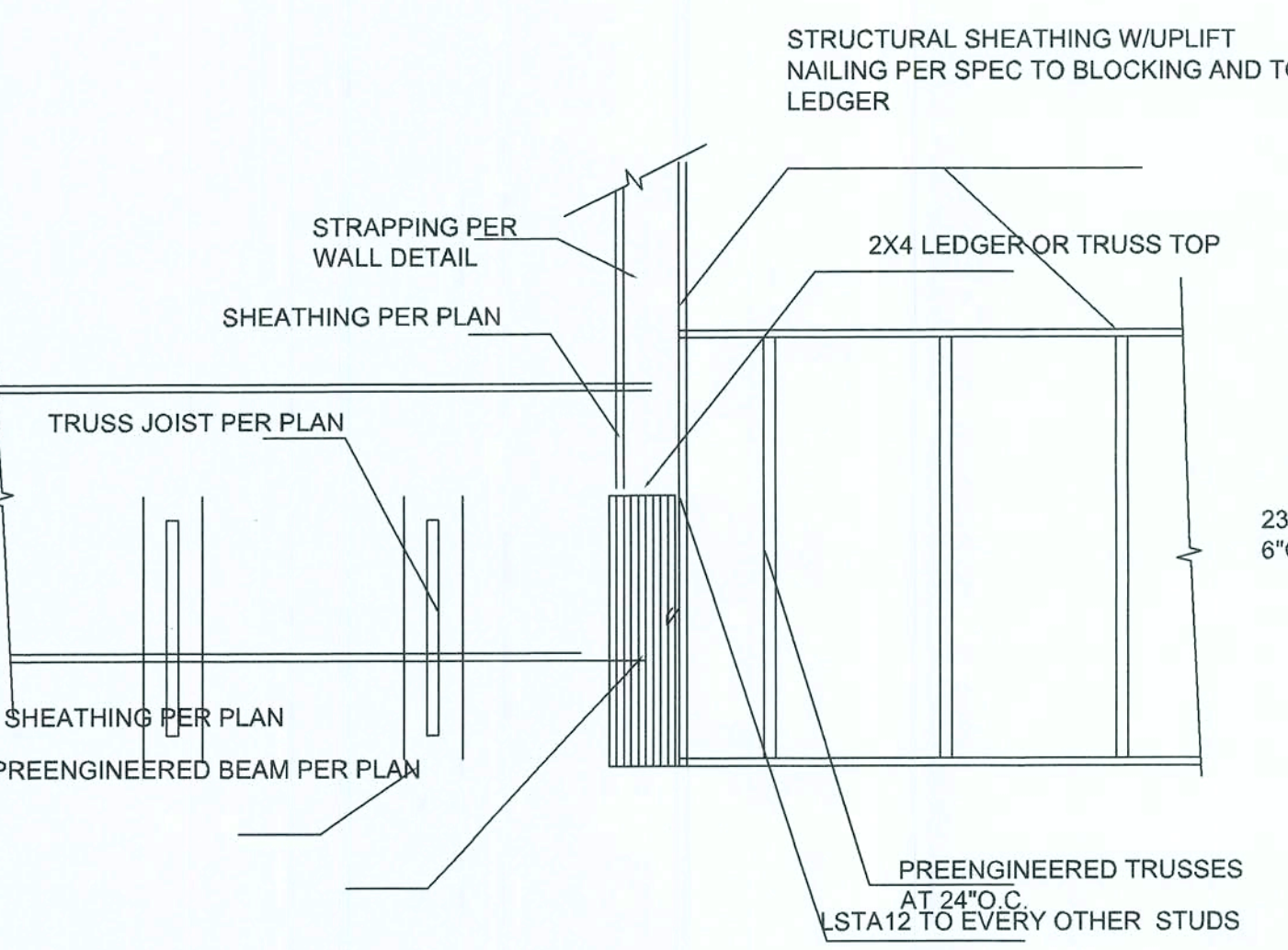
D-1



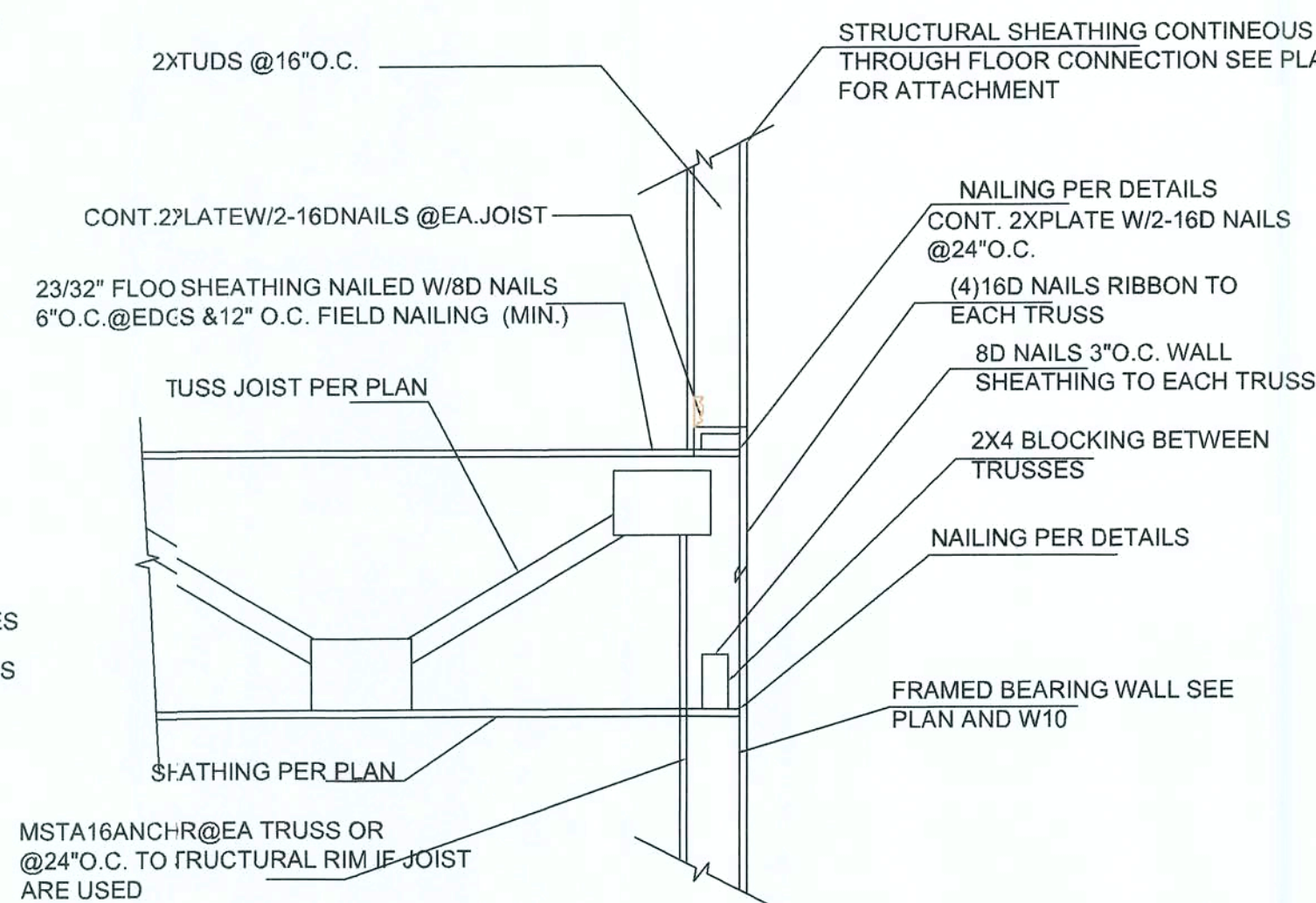
FLB1 FLOOR TRUSS/ JOIST TO FRAMED WALL
Scale: 1/4" = 1'-0"



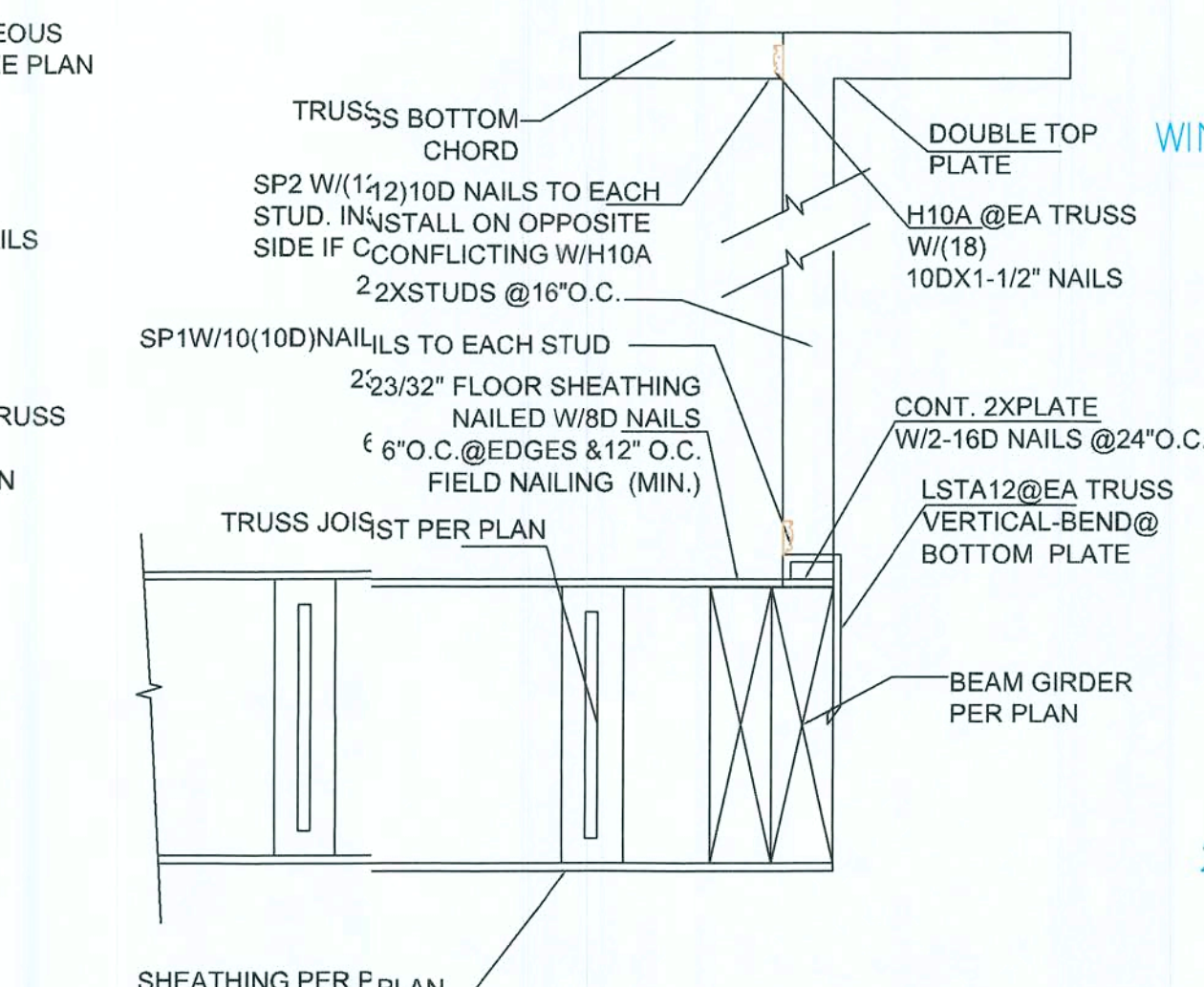
FLB1 FLOOR TRUSS/ JOIST TO FRAMED WALL
Scale: 1/4" = 1'-0"



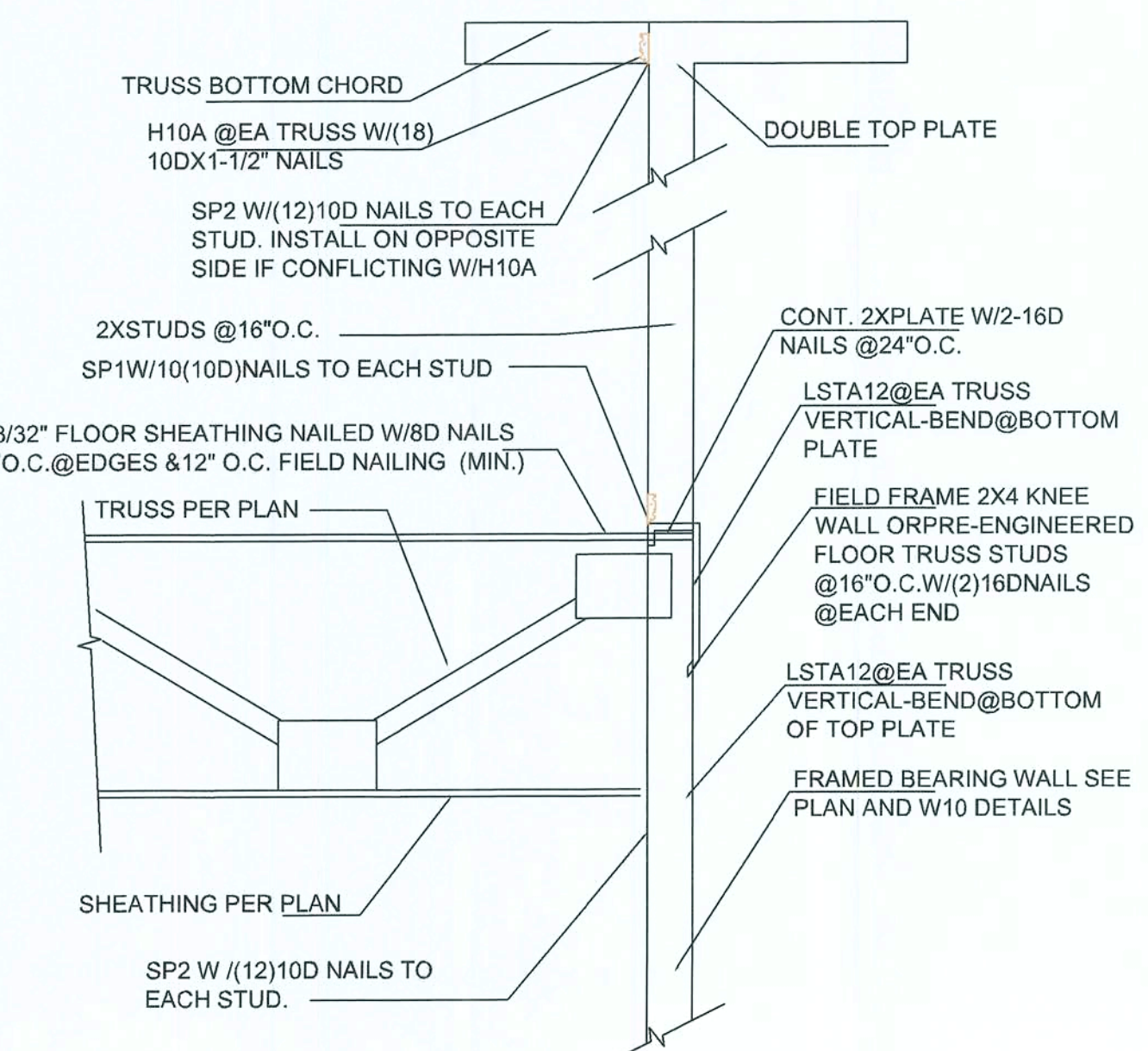
FL6 SECTION AT LOW ROOF
Scale: 1/4" = 1'-0"



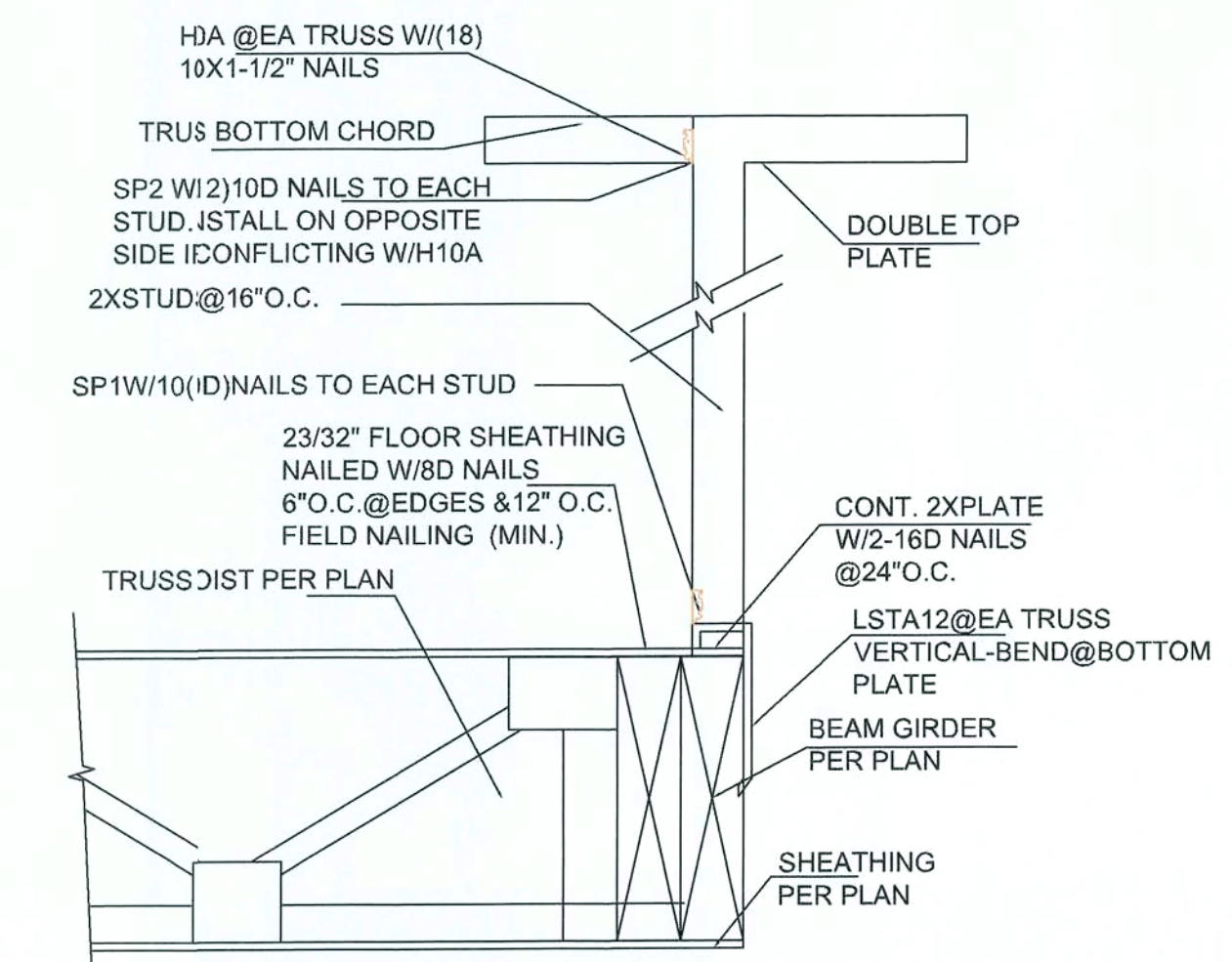
FL2 FLOOR TRUSS/ JOIST W/LET IN ON FRAMED WALL
Scale: 1/4" = 1'-0"



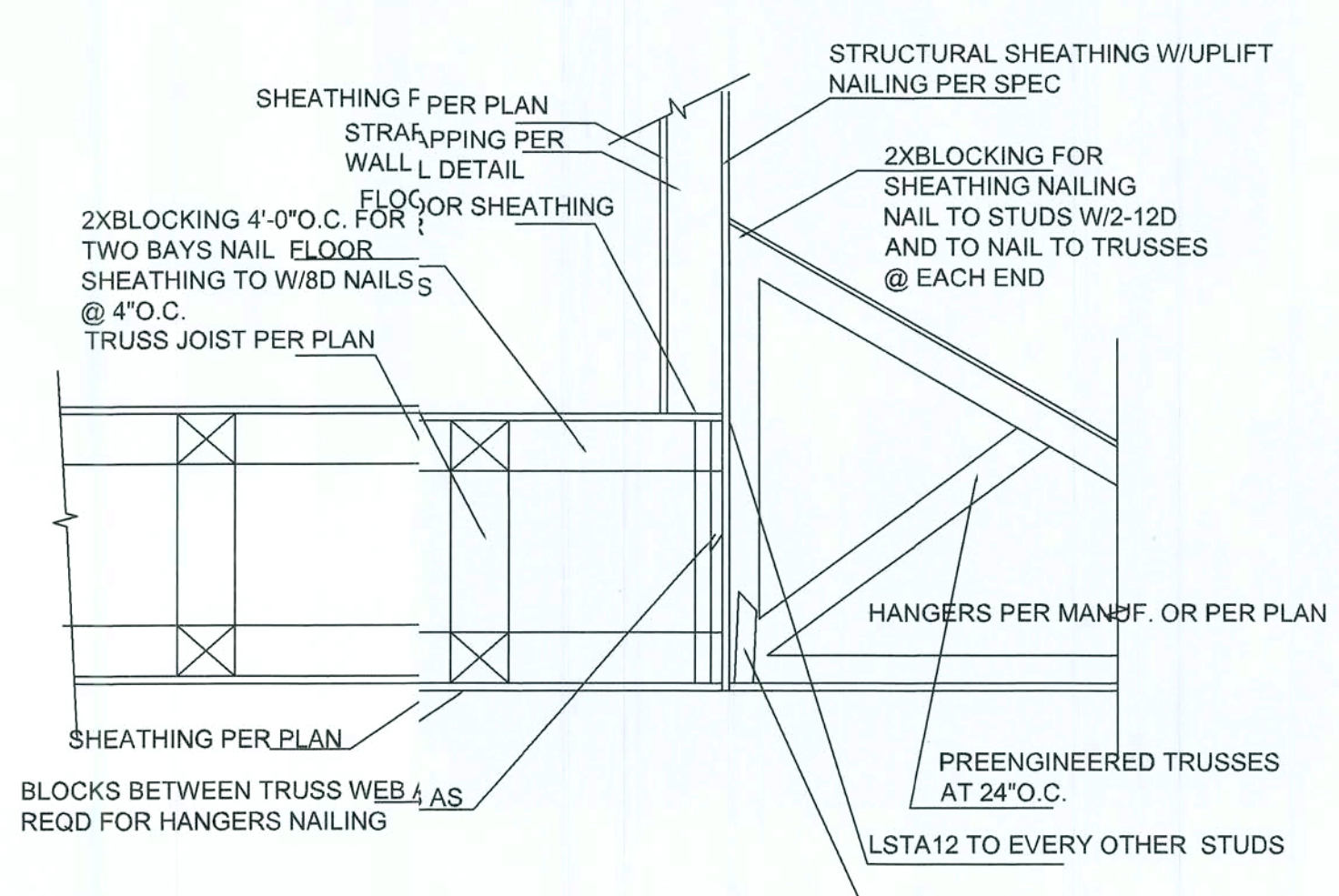
FLD1 WALL ABOVE TO BEAM
Scale: 1/4" = 1'-0"



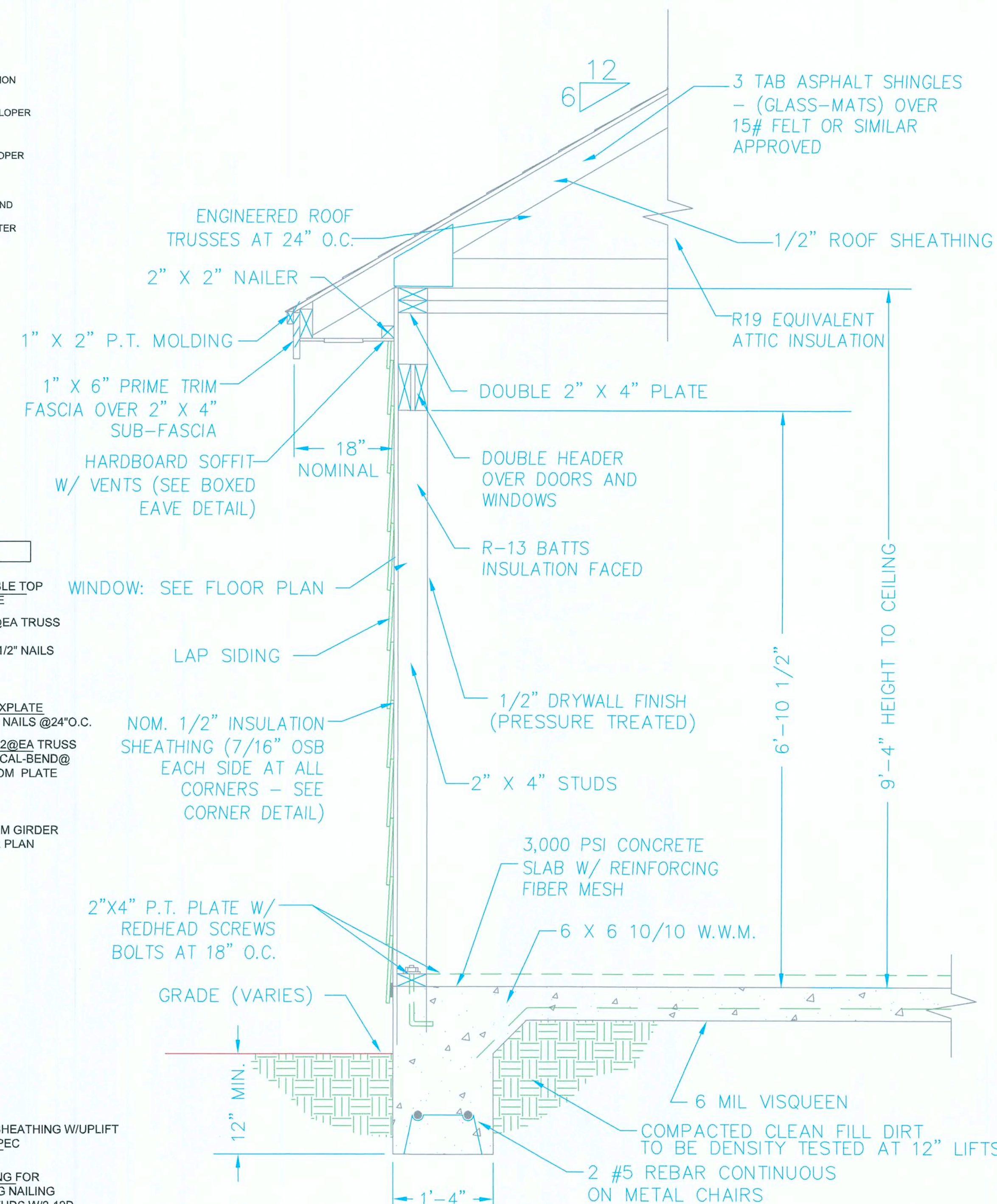
FL2C FLOOR TRUSS/ JOIST TO FRAMED WALL
Scale: 1/4" = 1'-0"



FL2L WALL ABOVE TO BEAM
Scale: 1/4" = 1'-0"



FL7 FLOOR SECTION AT LOW ROOF
Scale: 1/4" = 1'-0"



WALL SECTION

NOTES: 1) MITERED CUTS TO BE MADE AT ALL JOINTS OF FASCIA.
SCALE: 3/4" = 1'-0"

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TRUSS MANUFACTURER'S NOTE:

- DIMENSIONS SHOWN IN FEET-INCHES-SIXTEENTHS FORMAT
- REQUIRED INTERIOR BEARING WALLS SHOWN @ HEIGHTS NOTED
- TRUSSES MAY NOT BE CUT OR ALTERED IN ANY WAY WITHOUT PRIOR AUTHORIZATION FROM STOCK BUILDING SUPPLY
- ANY TRUSSES THAT ARE CUT OR ALTERED WITHOUT AUTHORIZATION WILL BE REPAIRED OR REPLACED AT THE CUSTOMER'S EXPENSE
- NO BACKCHARGES OF ANY KIND WILL BE ACCEPTED WITHOUT PRIOR REVIEW AND WRITTEN CONSENT FROM STOCK BUILDING SUPPLY
- FOR PROPER TRUSS HANDLING AND BRACING, REFER TO THE "TPI" DOCUMENTS "BCS-B1 THROUGH B4"
- ANY MULTI-PLY TRUSSES MUST BE ATTACHED TOGETHER PER THE ENGINEERING SPECIFICATIONS PRIOR TO INSTALLATION.

- PERMANENT AND TEMPORARY BRACING IS THE RESPONSIBILITY OF THE TRUSS INSTALLER. THE "ENGINEER OF RECORD" FOR THE PROJECT IS RESPONSIBLE FOR THE DESIGN OF THE PERMANENT BRACING, THE DIAPHRAM SYSTEM, SHEAR WALLS, AND STRUCTURAL ELEMENTS TO RESIST LATERAL LOADS FROM WIND AND OR SEISMIC ACTIVITY. THE "EOR" IS ALSO RESPONSIBLE TO CALL OUT THE REQUIRED STRAPPING MATERIALS TO SUFFICIENTLY ATTACH THE TRUSSES TO THE LOAD BEARING STRUCTURE BELOW, TO VERIFY TRUSS DESIGN SPECIFICATIONS (PITCH, SPAN, PROFILES, APPLIED LOADING, WIND APPLICATION, ETC.), AND FOR THE OVERALL DESIGN AND PLACEMENT PLAN OF THE TRUSS SYSTEM.

- IF ANY JOB SITE ACCIDENTS OCCUR INVOLVING TRUSSES, THE INSTALLER MUST IMMEDIATELY STOP WORK ON THE PROJECT AND NOTIFY A REPRESENTATIVE OF STOCK BUILDING SUPPLY. ALL TRUSSES INVOLVED IN AN ACCIDENT MUST BE INSPECTED BY A LICENSED STRUCTURAL ENGINEER TO DETERMINE THE CAUSE OF THE ACCIDENT. THE BUILDER ASSUMES ALL LIABILITY IF TRUSSES INVOLVED IN AN ACCIDENT ARE ALTERED OR MOVED IN ANY WAY BEFORE AN INSPECTION IS COMPLETED. ALL DECISIONS REGARDING NECESSARY REPAIRS OR REPLACEMENT OF TRUSSES WILL BE BASED ON THE RECOMMENDATION OF THE REPORT SUBMITTED BY THE STRUCTURAL ENGINEER.

THIS PLACEMENT PLAN SHOWS THE DESIGNATION AND RELATIVE LOCATION OF EACH TRUSS COMPONENT AND IS TO BE USED IN CONJUNCTION WITH THE CORRESPONDING ENGINEERED TRUSS DRAWINGS. THE TRUSS ENGINEER'S RESPONSIBILITY RELATIVE TO THE STRUCTURE CONSISTS SOLELY OF THE DESIGN OF THE INDIVIDUAL TRUSSES AND TRUSS TO TRUSS CONNECTIONS.

ROOF SHEATHING:
UNLESS OTHERWISE NOTED, ALL ROOF SHEATHING SHALL BE 5/8" CDX PLYWOOD, NAILED WITH 10d COMMON NAILS AT 6" O/C BOUNDARY, 6" O/C ALL OTHER EDGES AND 6" O/C FIELD.

ROOF FRAMING & ROOF TRUSS NOTES - 2

ALL PRE-ENGINEERED TRUSSES TO BE DESIGNED USING THE MOST RECENT TPI CRITERIA. TRUSSES TO BE HANDLED AND INSTALLED USING MOST RECENT HIB RECOMMENDATIONS. TEMPORARY AND PERMANENT BRACING SHALL BE PER MOST RECENT HIB RECOMMENDATIONS UNLESS NOTED OTHERWISE, OR MORE STRINGENT CODE REQUIREMENTS APPLY. TRUSS ENGINEER IS RESPONSIBLE FOR INDICATING ALL TRUSS TO TRUSS CONNECTIONS. ALL COMPONENTS TO BE DESIGNED FOR BOTH GRAVITY AND UPLIFT LOAD CASES, INCLUDING BEAM COMPONENTS.

FOR THIS PROJECT, AND AS SUCH, IS RESPONSIBLE FOR THE VALIDITY OF THE PRE-CAST AND PRE-STRESSED CONCRETE COMPONENTS SHALL BE USED AND INSTALLED PER MANUFACTURER'S SPECIFICATIONS. PRE-CAST LINTELS HAVE BEEN REVIEWED AND PLACED BASED ON DESIGN ALLOWABLE LOAD INFORMATION PROVIDED BY CAST CRETE. THEREFORE, CAST CRETE IS A DELEGATED ENGINEER FOR THIS PROJECT. ENGINEER OF RECORD MUST APPROVE IN WRITING ANY CHANGE IN LINTEL MANUFACTURER. ALL OTHER STRUCTURAL PRE-CAST COMPONENT MANUFACTURERS MUST SUBMIT DESIGN LOAD INFORMATION TO ENGINEER OF RECORD FOR APPROVAL. ENGINEER OF RECORD RESERVES THE RIGHT TO MAKE ANY CHANGES AFTER SUCH INFORMATION HAS BEEN PROVIDED FOR REVIEW. CONTRACTOR, AS PROJECT COORDINATOR, SHALL BE RESPONSIBLE FOR INSURING INFORMATION REQUESTED ABOVE HAS BEEN SUBMITTED TO ENGINEER OF RECORD IN A TIMELY MANNER WHEN AVAILABLE.

ROOF FRAMING & ROOF TRUSS NOTES - 1

THE ENGINEER HAS NOT REVIEWED THE PRE-ENGINEERED TRUSS MANUFACTURER'S LAYOUT TO DETERMINE ANY LOAD BEARING CONDITIONS AND RESERVES THE RIGHT TO MAKE ANY CHANGES AFTER TRUSS LOAD INFORMATION IS SUPPLIED TO THE ENGINEER.

ALL PRE-ENGINEERED WOOD PRODUCTS SHALL BE VERIFIED BY TRUSS MANUFACTURER. TRUSS MANUFACTURER SHALL HAVE THE AUTHORITY TO MAKE SUBSTITUTIONS FOR PRODUCTS SPECIFIED ON THE PLANS DUE TO AVAILABILITY OR ECONOMICS. CHANGES SPECIFIED BY THE TRUSS MANUFACTURER SHALL CONTROL. CHANGES MADE AFTER TRUSS ENGINEERING HAS BEEN PROVIDED TO ENGINEER OF RECORD, MUST BE APPROVED BY THE ENGINEER OF RECORD.

ALL PRE-ENGINEERED WOOD PRODUCTS ARE THE RESPONSIBILITY OF THE TRUSS MANUFACTURER. THE TRUSS ENGINEER IS A DELEGATED ENGINEER

COMPONENTS PROVIDED. FRAMING LAYOUTS SHOWN MAY BE CHANGED BY THE TRUSS MANUFACTURER. THE DELEGATED ENGINEER IS RESPONSIBLE FOR PROVIDING A FINAL SEALED SET OF ALL CALCULATIONS AND LAYOUTS FOR THIS PROJECT TO THE ENGINEER OF RECORD FOR REVIEW PRIOR TO MANUFACTURE OF SAID COMPONENTS. ENGINEER OF RECORD HAS NOT REVIEWED THE PRE-ENGINEERED TRUSS MANUFACTURER'S COMPONENTS AT THIS TIME AND RESERVES THE RIGHT TO MAKE ANY CHANGES AFTER SUCH INFORMATION HAS BEEN PROVIDED FOR REVIEW. CONTRACTOR, AS PROJECT COORDINATOR, SHALL BE RESPONSIBLE FOR INSURING INFORMATION REQUESTED ABOVE HAS BEEN SUBMITTED TO ENGINEER OF RECORD IN A TIMELY MANNER WHEN AVAILABLE.

NOTE: INTERIOR WALL
2X4 STUDS FRAMING
@24" O.C.

OPENING SIZE	HEADER	REMARKS
UP TO 3'-4"	DOUBLE 2X6	-----
3'-5" TO 6'-0"	DOUBLE 2X8	-----
6'-1" TO 8'-6"	DOUBLE 2X10	(2) JACK STUDS EACH ENDS
8'-7" TO 12'-6"	DOUBLE 2X12	(2) JACK STUDS EACH ENDS

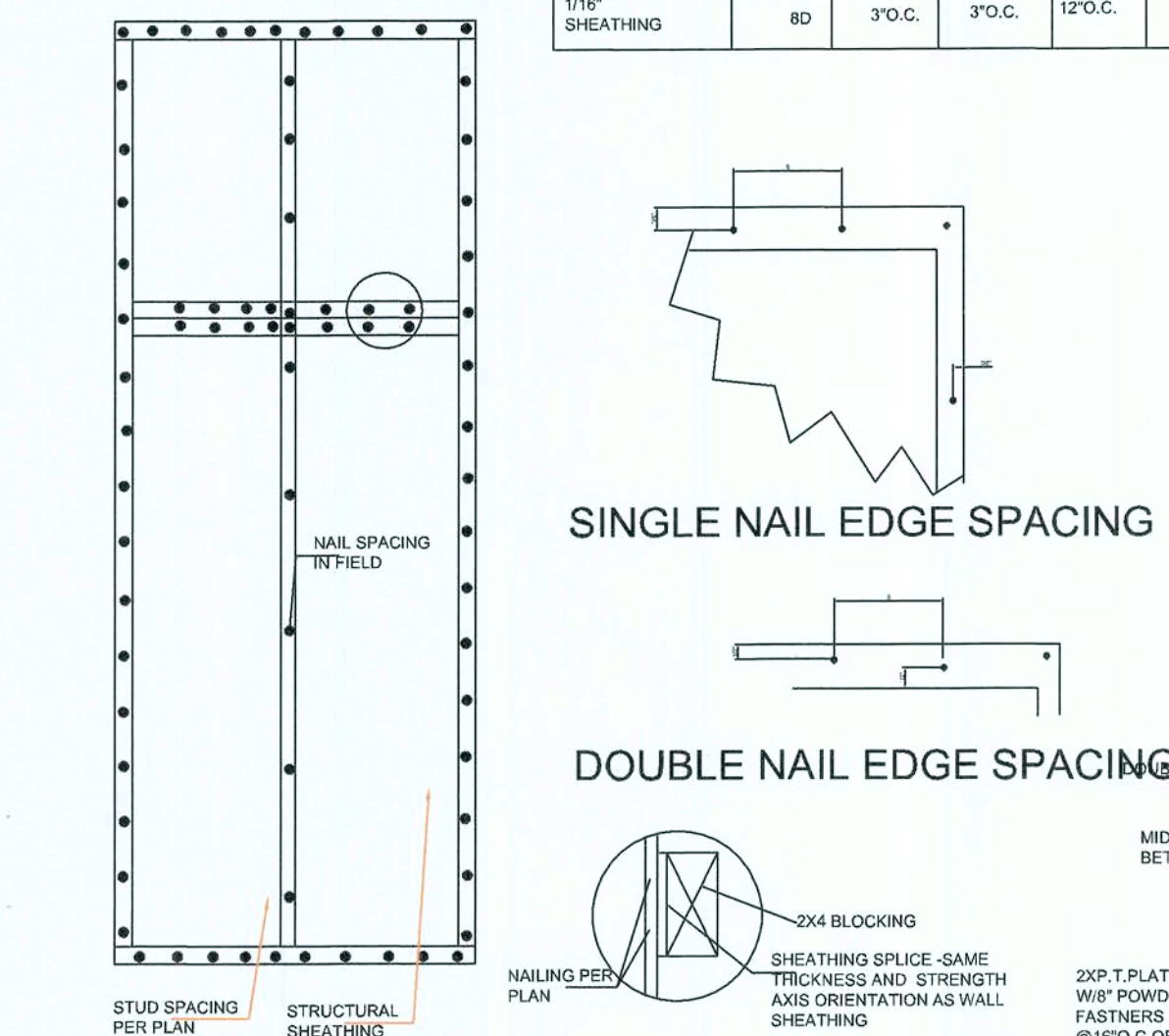
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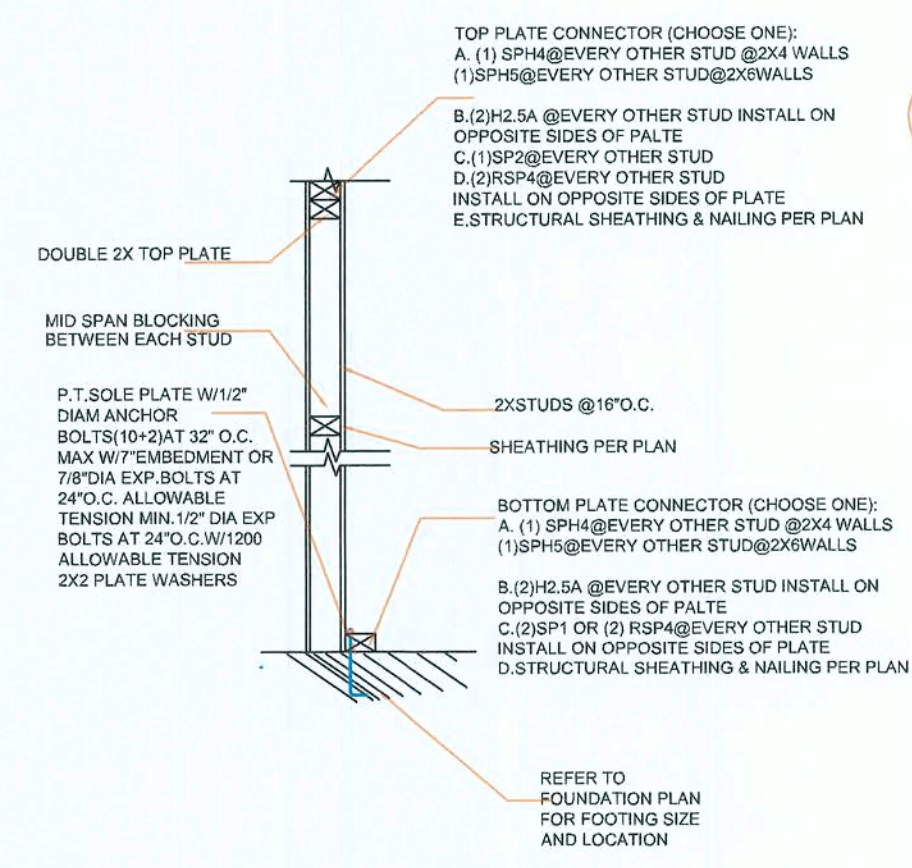
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EXTERIOR WALL SHEATHING					
SHEATHING REQUIRED (MIN.)	NAIL SIZE	VERTICAL SPACING	HORIZONTAL SPACING	FIELD SPACING	BLOCKING REQUIRED
1/4" SHEATHING	8D	3' O.C.	3' O.C.	12' O.C.	ALL EDGES

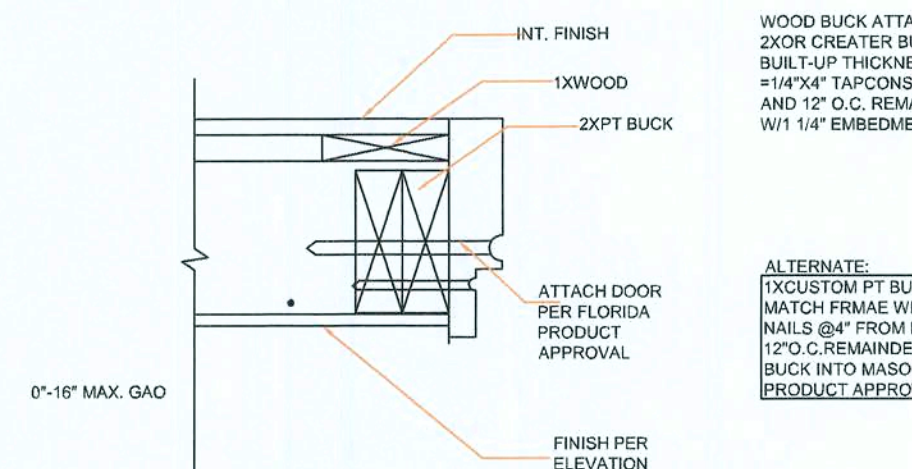
EXTERIOR GABLE END SHEATHING					
SHEATHING REQUIRED (MIN.)	NAIL SIZE	VERTICAL SPACING	HORIZONTAL SPACING	FIELD SPACING	BLOCKING REQUIRED
1/4" SHEATHING	8D	3' O.C.	3' O.C.	12' O.C.	ALL EDGES



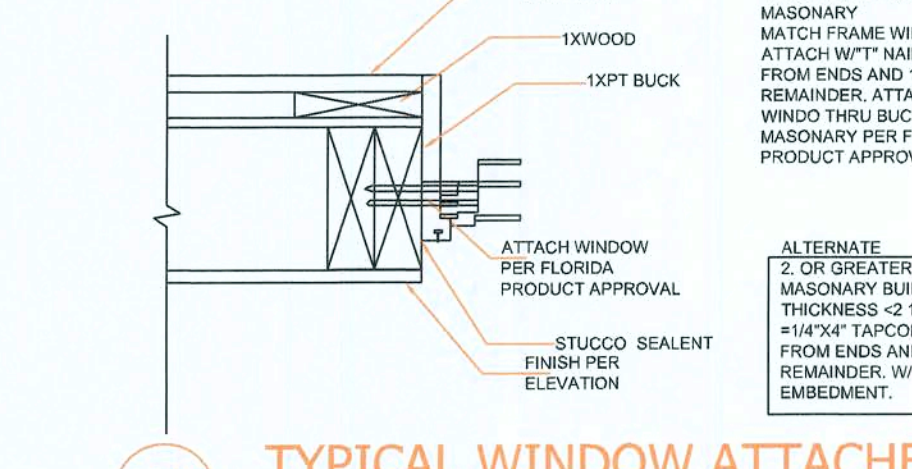
W01 TYPICAL SHEATHING DETAIL
Scale: N.T.S.



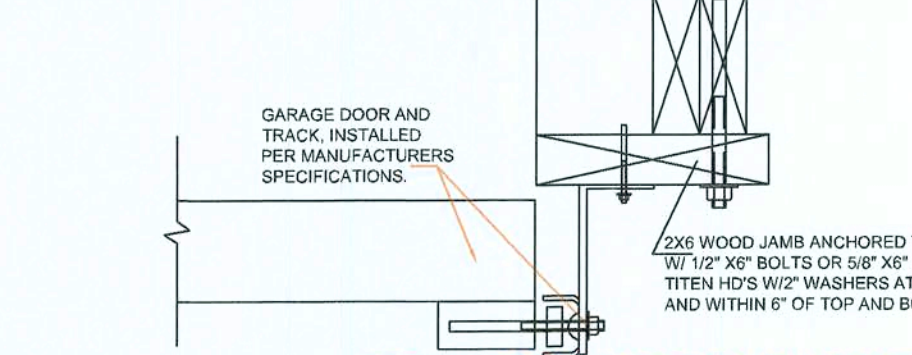
W04 LOAD BEARING WALL W/O UPLIFT
Scale: N.T.S.



W03 LOAD BEARING WALL UPLIFT
Scale: N.T.S.



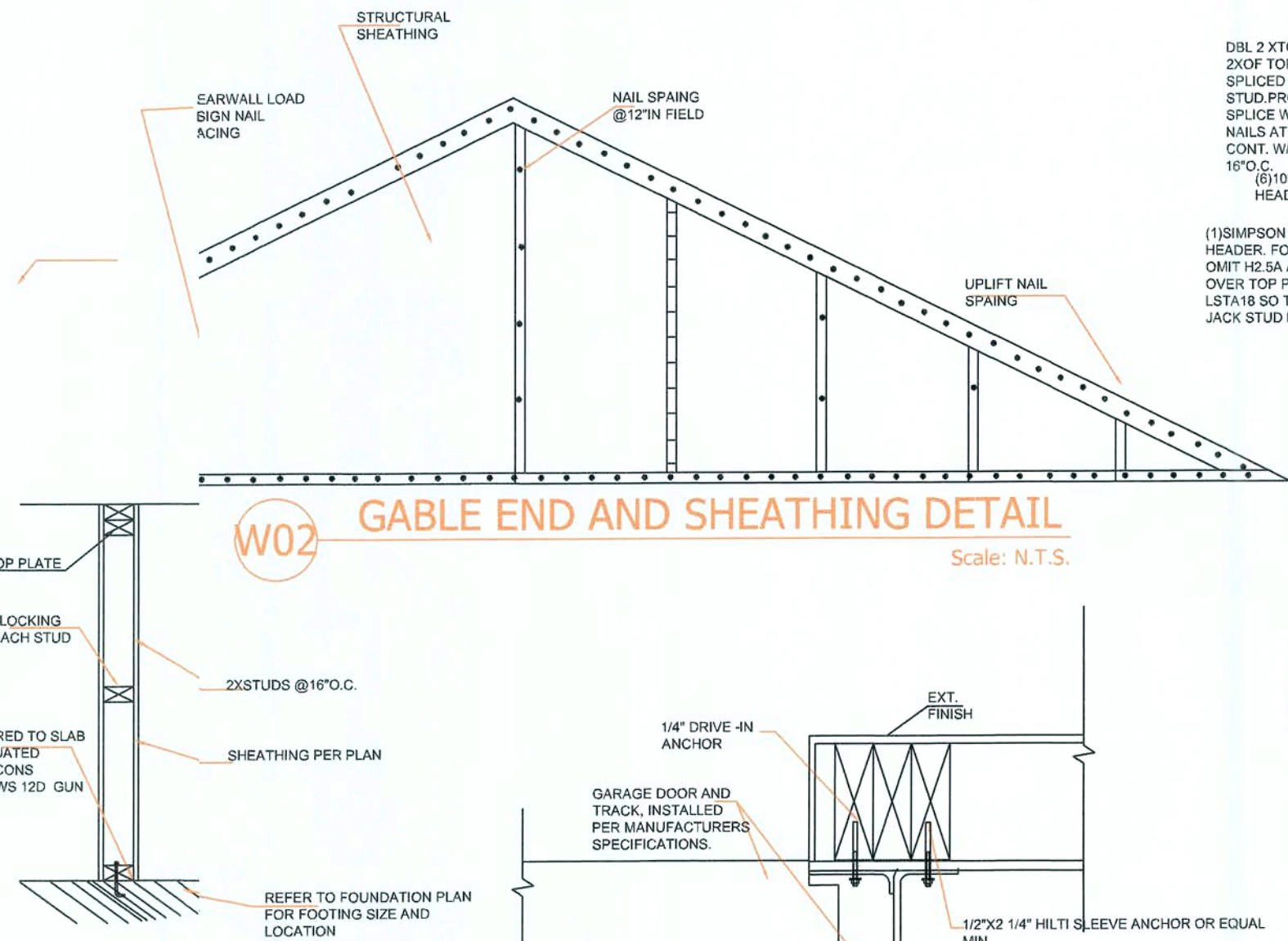
W10 TYPICAL DOOR ATTACHMENT DETAILS
Scale: N.T.S.



W11 TYPICAL WINDOW ATTACHMENT DETAILS
Scale: N.T.S.



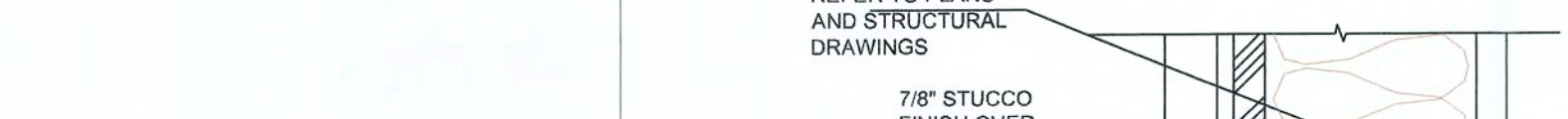
W06 TYPICAL GABLE END DETAIL
Scale: N.T.S.



W02 GABLE END AND SHEATHING DETAIL
Scale: N.T.S.



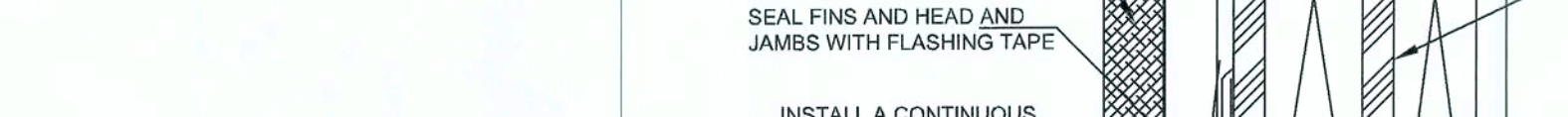
W07 STUD PACK DETAILS
Scale: N.T.S.



W08 TYPICAL FRAMED BEARING WALL
Scale: N.T.S.



W09 TYPICAL GABLE END DETAIL
Scale: N.T.S.



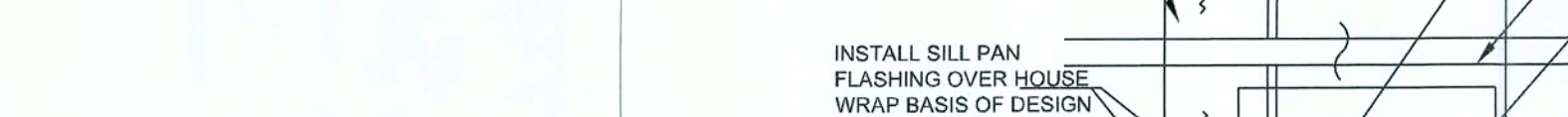
W10 TYPICAL DOOR ATTACHMENT DETAILS
Scale: N.T.S.



W11 TYPICAL WINDOW ATTACHMENT DETAILS
Scale: N.T.S.



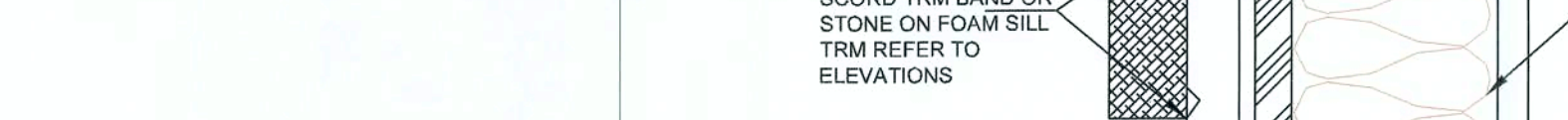
W12 FRAME TO BUCK TO WALL
Scale: N.T.S.



W13 TYPICAL GABLE END DETAIL
Scale: N.T.S.



W14 TYPICAL GABLE END DETAIL
Scale: N.T.S.



W15 TYPICAL GABLE END DETAIL
Scale: N.T.S.



W16 TYPICAL GABLE END DETAIL
Scale: N.T.S.



W17 TYPICAL GABLE END DETAIL
Scale: N.T.S.

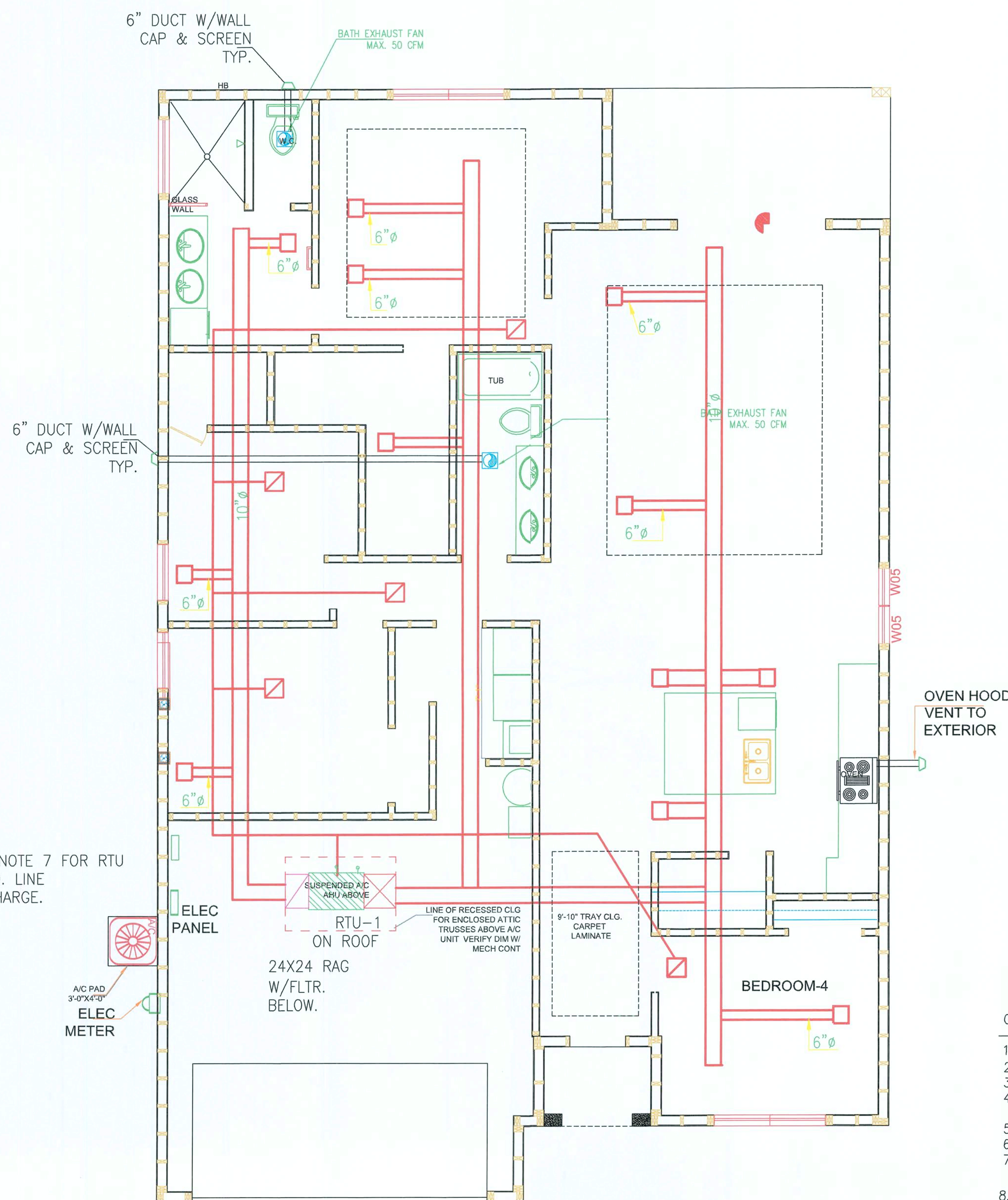
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www.soneyfmllc.com

Job # S2022
Drawn By: V.M.
Checked By: S.G.

Issue Date: 08-05-20
Revisions:
No. Date Description
1. / /
2. / /
3. / /
4. / /

HVAC LAYOUT
LINCOLN MODEL HOME
155 NW MEADOW LARK DR.
LAKE CITY, FL 32055

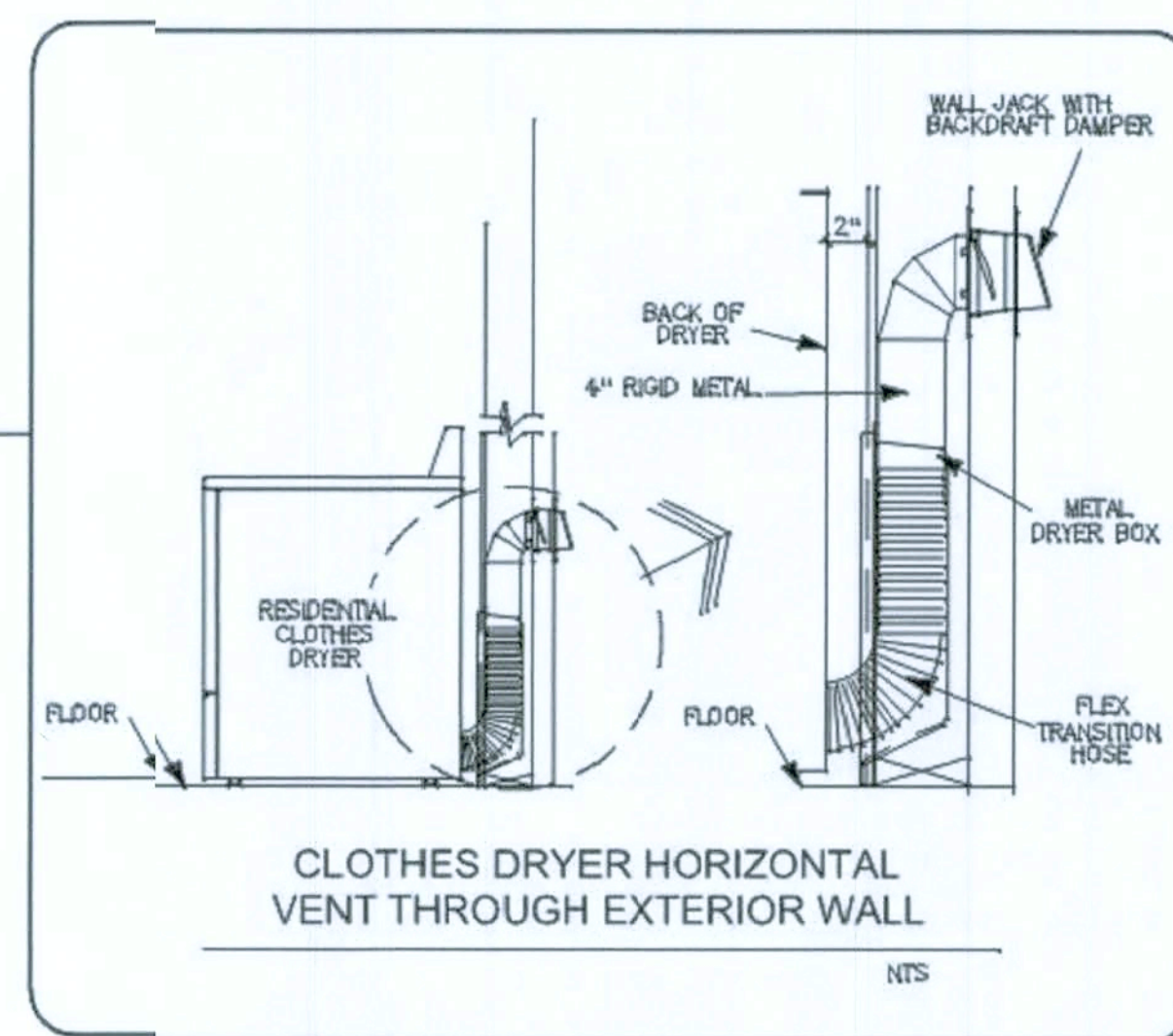
M-1



NOTE; ALL EXHAUST FAIS EXIT TO ROOF

15 HVAC LAYOUT PLAN ISO

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



ALL PENETRATIONS (DUCT/PIPES/LIGHT FIXTURES/HVAC DIFFUSERS) SHALL BE PROTECTED AT ALL FIRE RATED WALLS AND FLOOR CEILING ASSEMBLIES.

EXHAUST FAN SCHEDULE									
MARK	TYPE	CFM	ESP	FAN WATTS	DUCT	SONES	VOLT/PH	AMPS	LOCATION
EF-1	EXHAUST	65	0.25"	26.1	4"	2.0	120/1	0.3	TOILET/RR
EF-2	EXHAUST	35	0.25"	17.5	4"	1.5	120/1	0.2	TOILET/RR

1. SCHEMATIC ONLY
2. MECHANICAL CONTRACTOR TO GET THEIR OWN SHOP DRAWINGS & PERMIT

MECHANICAL LEGEND

- SUPPLY AIR DIFFUSER
- RETURN AIR DIFFUSER

GENERAL NOTES:

1. DESIGN TO MEET FLORIDA BUILDING MECHANICAL CODE 2017 ASHRAE, ASME, ANSI CODES.
2. PROVIDE 1" UNDERCUT ON ALL INTERIOR DOORS.
3. COORDINATE EXACT LOCATION OF DIFFUSERS WITH ARCHITECTURAL & REFLECTIVE CEILING PLANS.
4. REST ROOMS EXHAUST WALL CAP TO BE PROVIDED WITH A CORROSION RESISTANT SCREEN AS PER FBCM.
5. ALL ROOF MOUNTED EQUIPMENT SHALL BE INSTALLED TO WITHSTAND HURRICANE FORCE WINDS.
6. MAINTAIN A MINIMUM OF 10 FT SEPARATION BETWEEN ANY AIR INTAKE AND EXHAUST DISCHARGE.
7. ROUTE CONDENSATE DRAIN, FULL SIZE TO NEAREST ROOF DRAIN. PROVIDE PIPING SUPPORT AS REQUIRED BY THE CODE. PROVIDE SECONDARY AUTOMATIC OVERFLOW FLOAT SWITCH.
8. ALL CONSTRUCTION/MATERIALS BY THE CONTRACTOR SHALL CONFORM TO THE 2017 FLORIDA BUILDING/ MECHANICAL CODE.
9. THE CONTRACTOR SHALL BALANCE THE SYSTEM TO WITHIN PLUS 10% OR MINUS 5% OF LISTED CFM VALUES. PROVIDE STANDARD FORMS TO DOCUMENT AIR PERFORMANCE., STATIC PRESSURE, ETC.

M1305.1.3 Appliances in attics. Attics containing appliances requiring access shall be provided with an opening and unobstructed passageway large enough to allow removal of the largest appliance. The passageway shall not be less than 30 inches (762 mm) high and 22 inches (559 mm) wide and not more than 6 feet (1829 mm) in length measured along the centerline of the passageway from the attic access opening to the appliance's service panel. The passageway shall have continuous solid flooring not less than 24 inches (610 mm) wide. A level service space not less than 30 inches (762 mm) deep and 30 inches (762 mm) wide shall be present at the front or service side of the appliance. The clear access opening dimensions shall be a minimum of 20 inches by 30 inches (508 mm by 762 mm), where such dimensions are large enough to allow removal of the largest appliance.

Exception: The passageway and level service space are not required where the appliance is capable of being serviced and removed through the required opening. M1305.1.3.1 Electrical requirements. A luminaire controlled by a switch located at the required passageway opening and a receptacle outlet shall be installed at or near the appliance location in accordance with Chapter 33.

M1305.1.3.2 Air-handling units. Air-handling units shall be allowed in attics if the following conditions are met:
1. The service panel of the equipment is located within 6 feet (1829 mm) of an attic access.
2. A device is installed to alert the owner or shut the unit down when the condensation drain is not working properly.

3. The attic access opening is of sufficient size to replace the air handler.
4. A notice is posted on the electric service panel indicating to the homeowner that the air handler is located in the attic. Said notice shall be in all capitals, in 16 point type, with the title and first paragraph in bold: NOTICE TO OWNER

A PART OF YOUR AIR CONDITIONING SYSTEM, THE AIR HANDLER, IS LOCATED IN THE ROOF.

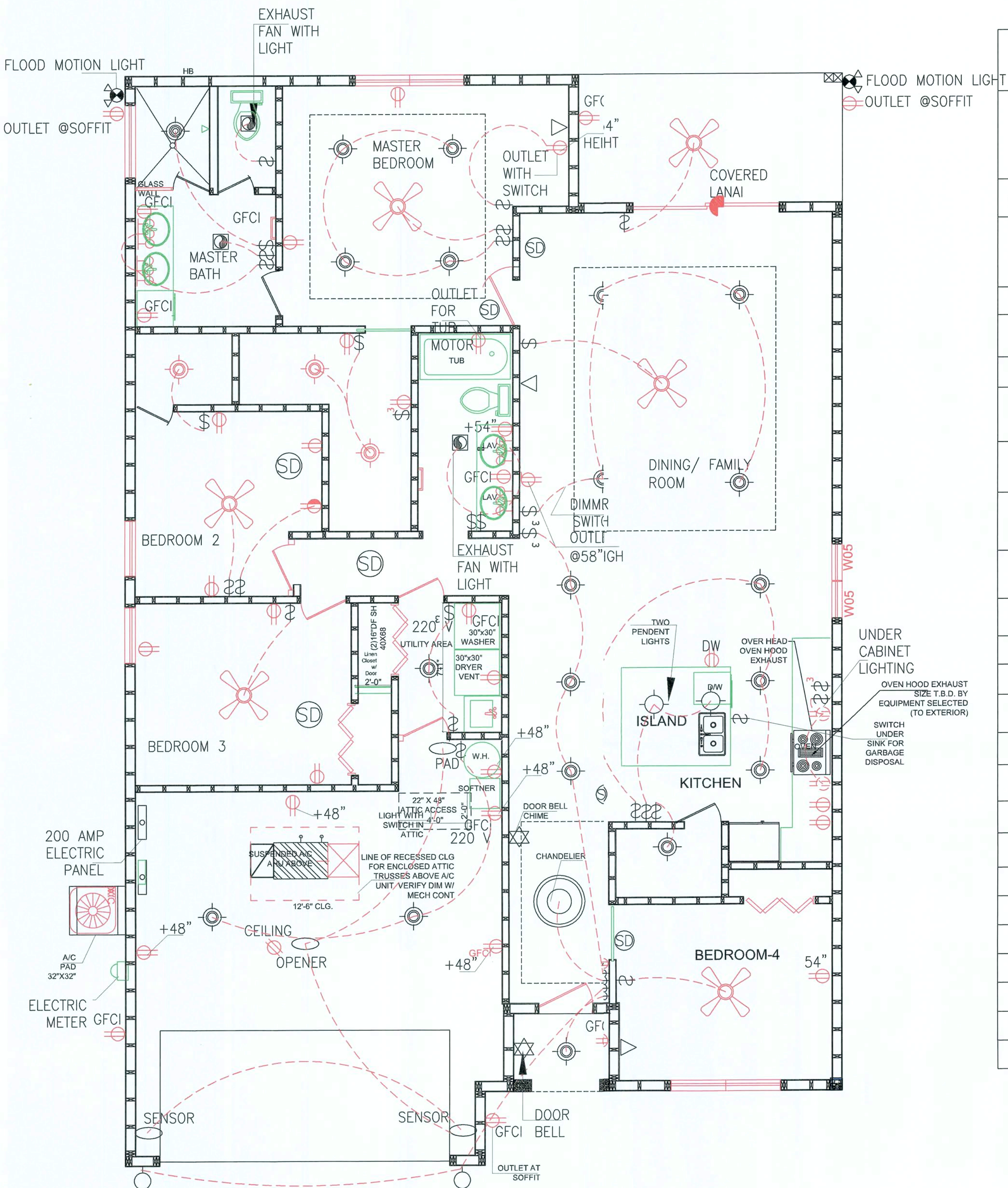
FOR PROPER, EFFICIENT, AND ECONOMIC OPERATION OF THE AIR CONDITIONING SYSTEM, YOU MUST ENSURE THAT REGULAR MAINTENANCE IS PERFORMED. YOUR AIR CONDITIONING SYSTEM IS EQUIPPED WITH ONE OR BOTH OF THE FOLLOWING:

- 1) A DEVICE THAT WILL ALERT YOU WHEN THE CONDENSATION DRAIN IS NOT WORKING PROPERLY OR
- 2) A DEVICE THAT WILL SHUT THE SYSTEM DOWN WHEN THE CONDENSATION DRAIN IS NOT WORKING. TO LIMIT POTENTIAL DAMAGE TO YOUR HOME, AND TO AVOID DISRUPTION OF SERVICE, IT IS RECOMMENDED THAT YOU ENSURE PROPER WORKING ORDER OF THESE DEVICES BEFORE EACH SEASON OF PEAK OPERATION.

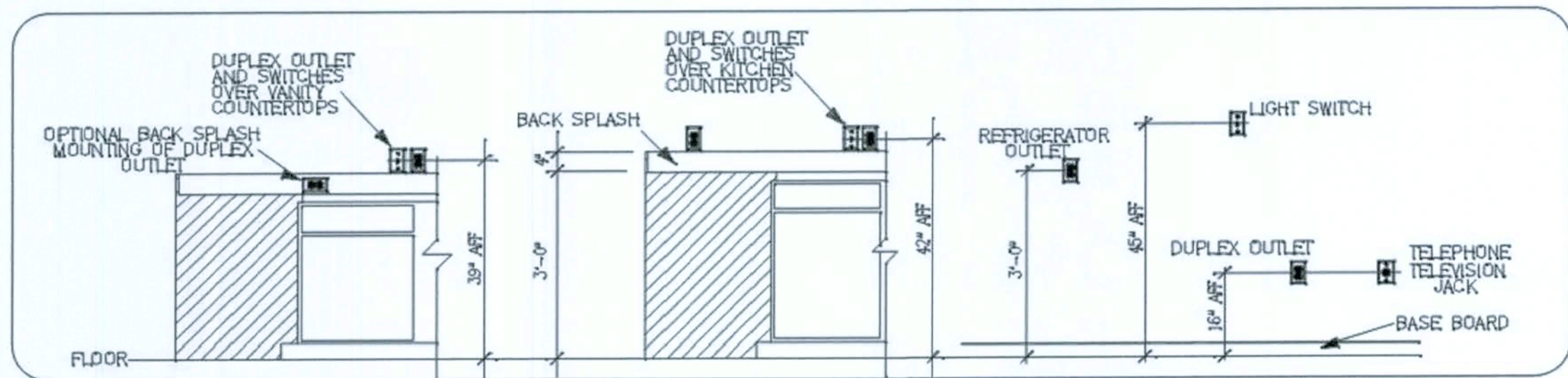
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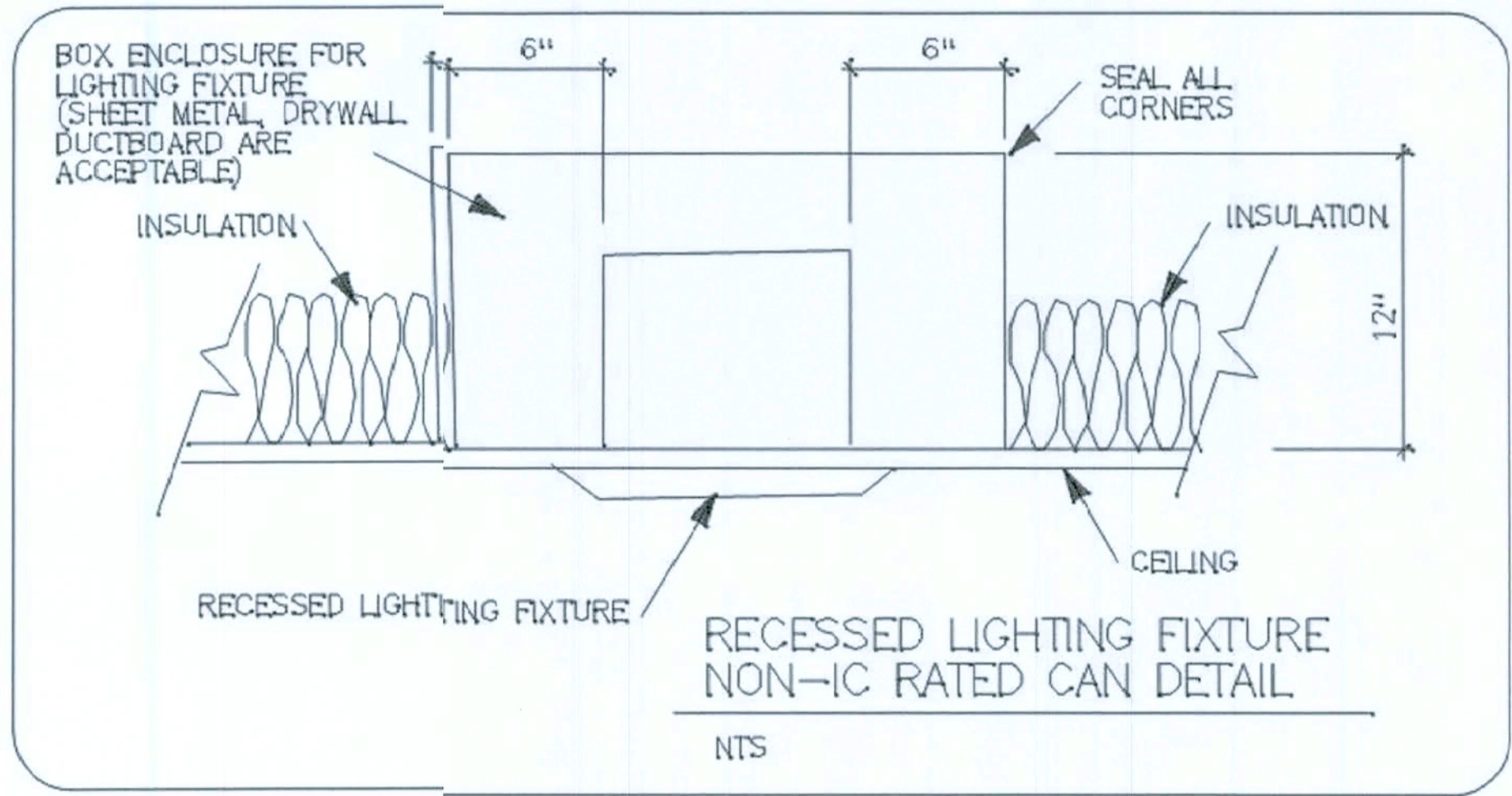
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10 ELECTRICAL LAYOUT PLAN
Scale: 1/4" = 1'-0"



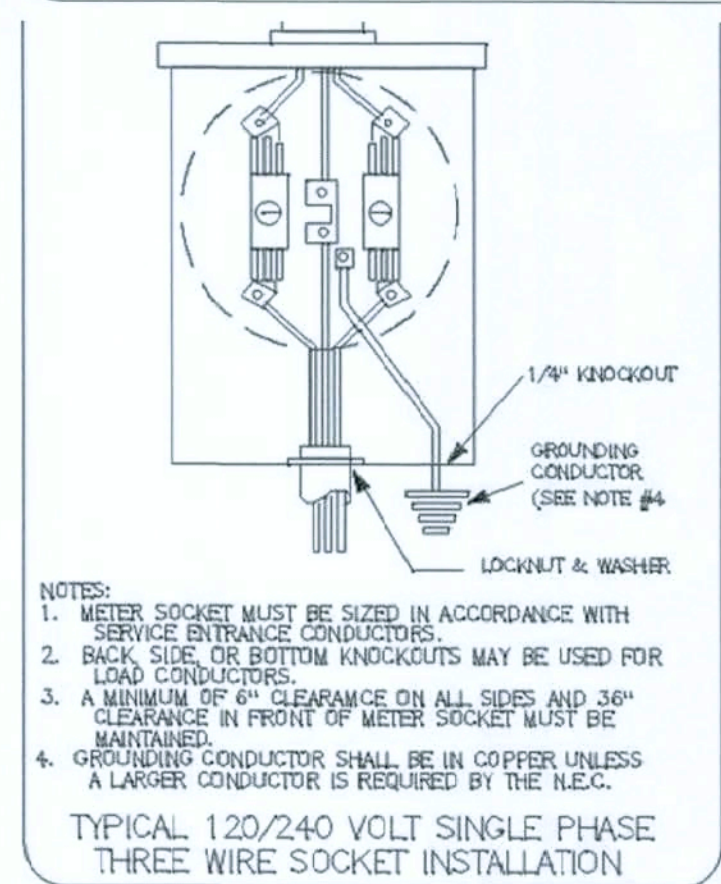
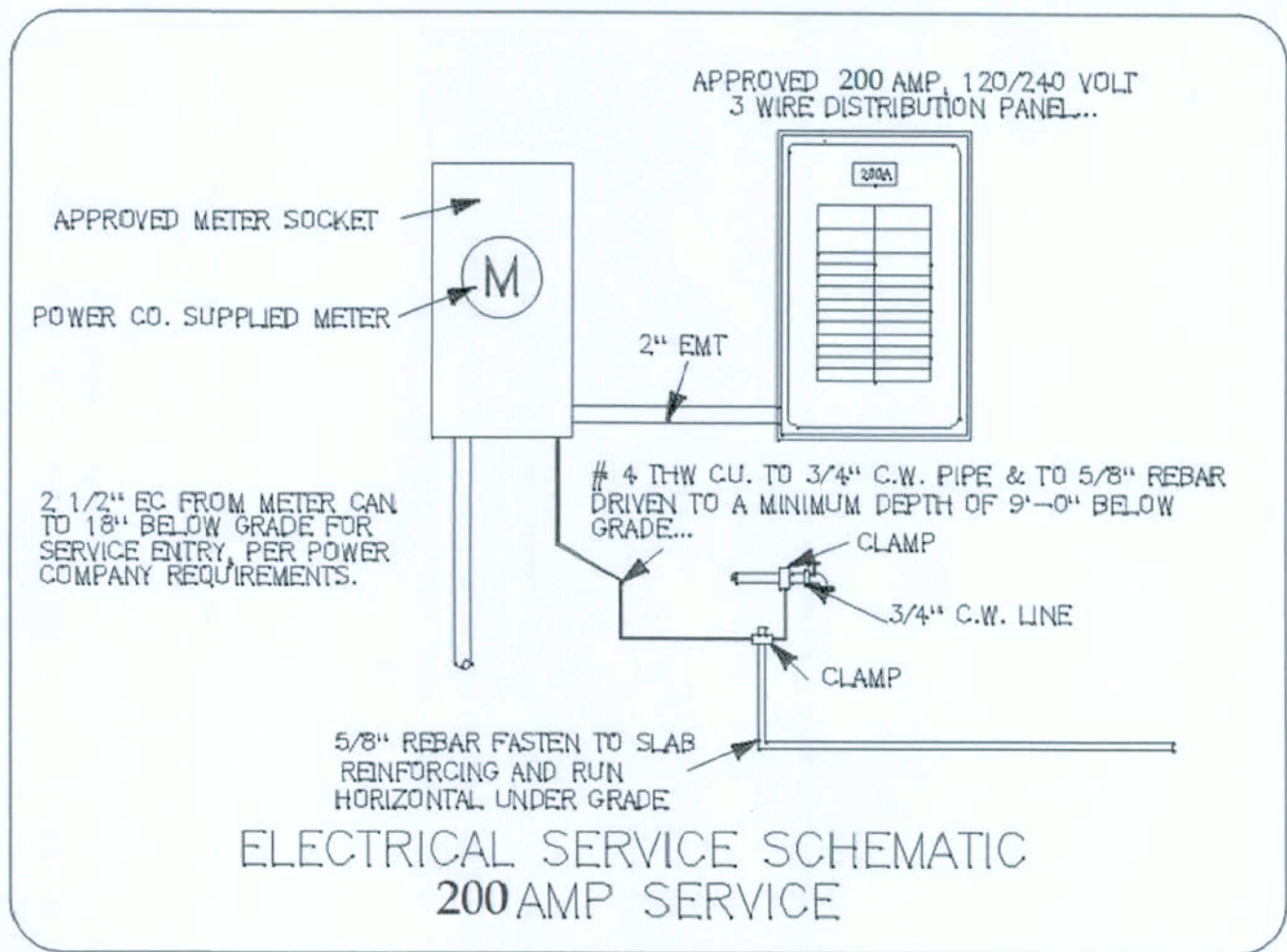
ELECTRICAL SYMBOLS		
CEILING FAN		
SURFACE MOUNTED CEILING FIXTURE		
QUADRUPLX RECEPTACLE		
ARC FAULT CIRCUIT INTERRUPTER		
DUPLEX OUTLET		
ELECTRICAL WIRING		
SMOKE DETECTOR		
WALL SWITCH		
3-WAY SWITCH (20 AMP RATED) AT 48" A.F.F.		
SWITCH (20 AMP RATED) AT 48" A.F.F.		
EXHAUST FAN (FOR SIZES SEE HVAC PLAN)		
PHONE - I/T (DATA/COM)		
WALLPACK SECURITY LIGHTS		
VANITY LIGHT		
EXIT LIGHT		
WALL MOUNTED EMERGENCY FIXTURE		
6" RECESSED CAN LIGHT		
EXHAUST FAN		
DOORBELL CHIME		
DOORBELL		
CEILING OUTLET		
SCONCE LIGHT		
TV INTERNET		
DUPLEX RECEPT.		
GROUND FAULT RECEPT.		
ELECTRIC METER		



1. SCHEMATIC ONLY.
2. ELECTRICAL CONTRACTOR TO GET THERE OWN SHOP DRAWINGS & PERMIT
3. ELECTRICAL CONTRACTOR TO INSTALL ALL OWNER PROVIDED FIXTURES INCLUDING CEILING FANS

GENERAL ELECTRICAL NOTES

1. FIXTURES AS PER SCHEDULE OR APPROVED EQUAL.
2. FIXTURES SHALL BE COMPLETE WITH LAMPS.
3. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIALS REQUIRED TO CONNECT ELECTRICAL POWER TO ALL MECHANICAL EQUIPMENT.
4. ALL WIRING, CONDUIT, LABOR AND MATERIALS NOT SHOWN ON PLAN, BUT NECESSARY FOR COMPLETE AND PROPER OPERATIONS OF THE ELECTRICAL SYSTEM SHALL BE CONSIDERED AS PART OF THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY.
5. THE ELECTRICAL CONTRACTOR SHALL COORDINATE AND INSTALL ALL CONDUIT REQUIRED FOR THE TELEPHONES.
6. ALL WORK AS PER GENERAL SPECIFICATIONS AND ALL FEDERAL, STATE AND LOCAL CODES.
7. THE ELECTRICAL CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO SUBMITTING A BID.
8. THE ELECTRICAL CONTRACTOR SHALL PERSONALLY CONTACT THE POWER COMPANY IN ORDER TO VERIFY AND COORDINATE THE INSTALLATION OF THE MAIN ELECTRICAL SERVICE AND TRANSFORMER PLACEMENT TO THE BUILDING.
9. THE ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL ALL FIRE ALARM DEVICES REQUIRED TO SATISFY ALL APPLICABLE CODES & PROVIDE A WORKING SYSTEM. DEVICES SHOWN ON PLANS ARE FOR GUIDELINES ONLY.
10. THE ELECTRICAL CONTRACTOR SHALL PROVIDE A 200 AMP SINGLE PHASE TEMPORARY ELECTRICAL SERVICE AND WEATHER PROOF OUTLETS. COORDINATE LOCATION WITH POWER COMPANY. INCLUDE ALL FEES FOR TEMPORARY SERVICE IN THE BASE BID. REMOVE TEMP SERVICE AFTER MAIN SERVICE BECOMES USABLE.
11. THE ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL TEMPORARY CONSTRUCTION LIGHTING PER O.S.H.A. AND CITY MINIMUM LIGHTING LEVELS IN THE BASE CONTRACT.



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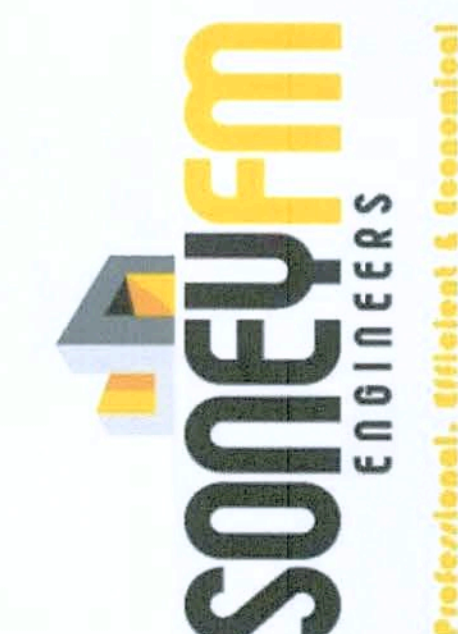
Job # S2022
Drawn By: V.M.
Checked By: S.G.

Issue Date: 08-05-20		
Revisions:		
No.	Date	Description
1		
2		
3		
4		

ELECTRICAL FLOOR PLAN

LINCOLN MODEL HOME
155 NW MEADOW LARK DR.
LAKE CITY, FL 32055

E-1



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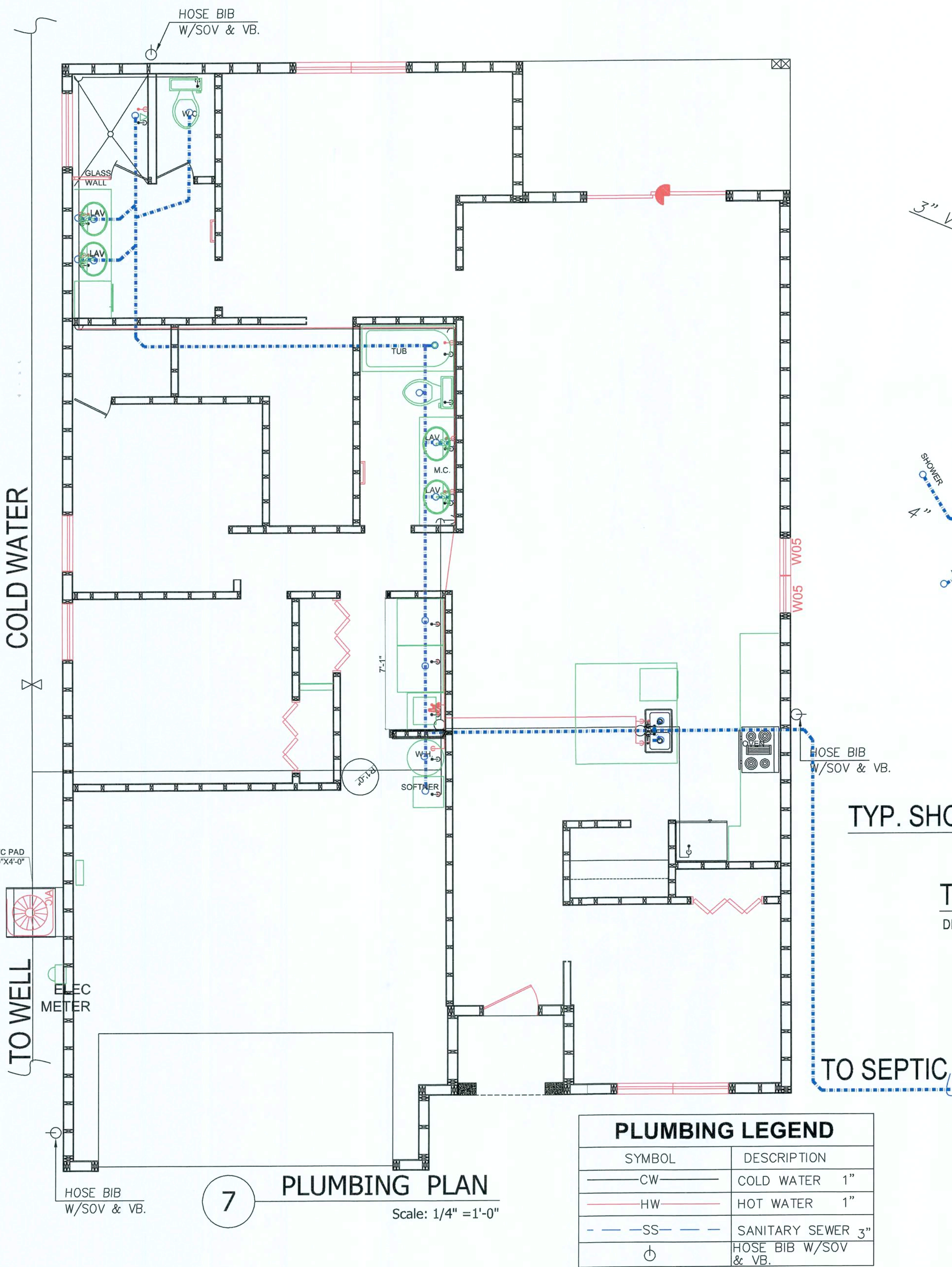
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Issue Date: 08-05-20

Revisions:		
No.	Date	Description
1	11	
2	11	
3	11	
4	11	

PLUMBING LAYOUT PLAN
LINCOLN MODEL HOME
155 NW MEADOW LARK DR.
LAKE CITY, FL 32055

P-1



TYP. SHOP SANITARY ISOMETRIC

TYP. SHOP WATER ISOMETRIC

DRAWING SCALE: NTS

GENERAL PLUMBING NOTES

1. ALL WORK AS PER GENERAL SPECIFICATIONS AND ALL FEDERAL, STATE AND LOCAL CODES, FPC 2017, 6TH EDITION.
2. FOR HOT AND COLD WATER APPLICATIONS TYPE L COPPER SHALL BE USED OR PEX AS ALLOWED BELOW.
3. CROSSLINKED POLYETHYLENE (PEX) PIPING MAY BE SUBSTITUTED FOR COPPER GIVEN THE FOLLOWING SPECIFICATIONS. USE ON COLD WATER AND HOT WATER APPLICATIONS NOT TO EXCEED 1440 DEGREES F. ZURN OR EQUAL PIPE AND FITTINGS SHALL BE USED. THE FOLLOWING STANDARDS SHALL BE ADHERED TO: ASTM F876 FOR THE PIPE, ASTM F1807 BRASS FITTINGS MUST BE USED. DO NOT HYPERCLORATE THE SYSTEM IN EXCESS OF 5 PPM OR AS ALLOWED BY MANUFACTURER. DO NOT STORE PEX IN DIRECT SUNLIGHT. DO NOT BUY PEX FROM ANY WAREHOUSE KEEPING PEX STORED OUTSIDE. DO NOT INSTALL ANY PEX PIPING THAT HAS BEEN EXPOSED TO SUNLIGHT LONG ENOUGH FOR THE LABELING TO FADE. PEX THAT IS TO BE EXPOSED IN OPEN SLAB APPLICATIONS FOR LONGER THAN ONE WEEK SHALL BE WRAPPED IN ALUMINIZED TAPE TO PROTECT AGAINST UV DEGRADATION.
4. ALL FIXTURES USED SHALL BE AS PER SCHEDULE OR EQUAL.
5. ALL FIXTURES SHALL HAVE STOP VALVES AT WALL.
6. ALL VENTS SHALL BE CARRIED THROUGH ROOF, COMPLETE WITH ROOF SYSTEM COMPATIBLE ROOF JACKS.
7. ALL TOILET SEATS SHALL BE FOR ELONGATED BOWLS WITH OPEN FRONTS.
8. TO FACILITATE THE CLARITY OF THE DRAWINGS, SEWER, WATER, AND GAS LINES ARE NOT ALWAYS SHOWN IN THEIR EXACT LOCATIONS.
9. CONTRACTOR SHALL VISIT JOB SITE PRIOR TO BID AND VERIFY NEW CONDITIONS. NOTIFY ENGINEER IF NEW CONDITIONS DO NOT MATCH CONTRACT DOCUMENTS.
10. PROVIDE WETTED TRAPS TO ALL FLOOR DRAINS.
11. ROUTE TEMPERATURE AND PRESSURE RELIEF FROM WATER HEATER TO SEWER OR TO THE OUTSIDE OF BUILDING.

PLUMBING LEGEND

SYMBOL	DESCRIPTION
—CW—	COLD WATER 1"
—HW—	HOT WATER 1"
- - -SS- - -	SANITARY SEWER 3"
⊕	HOSE BIB W/SOV & VB.

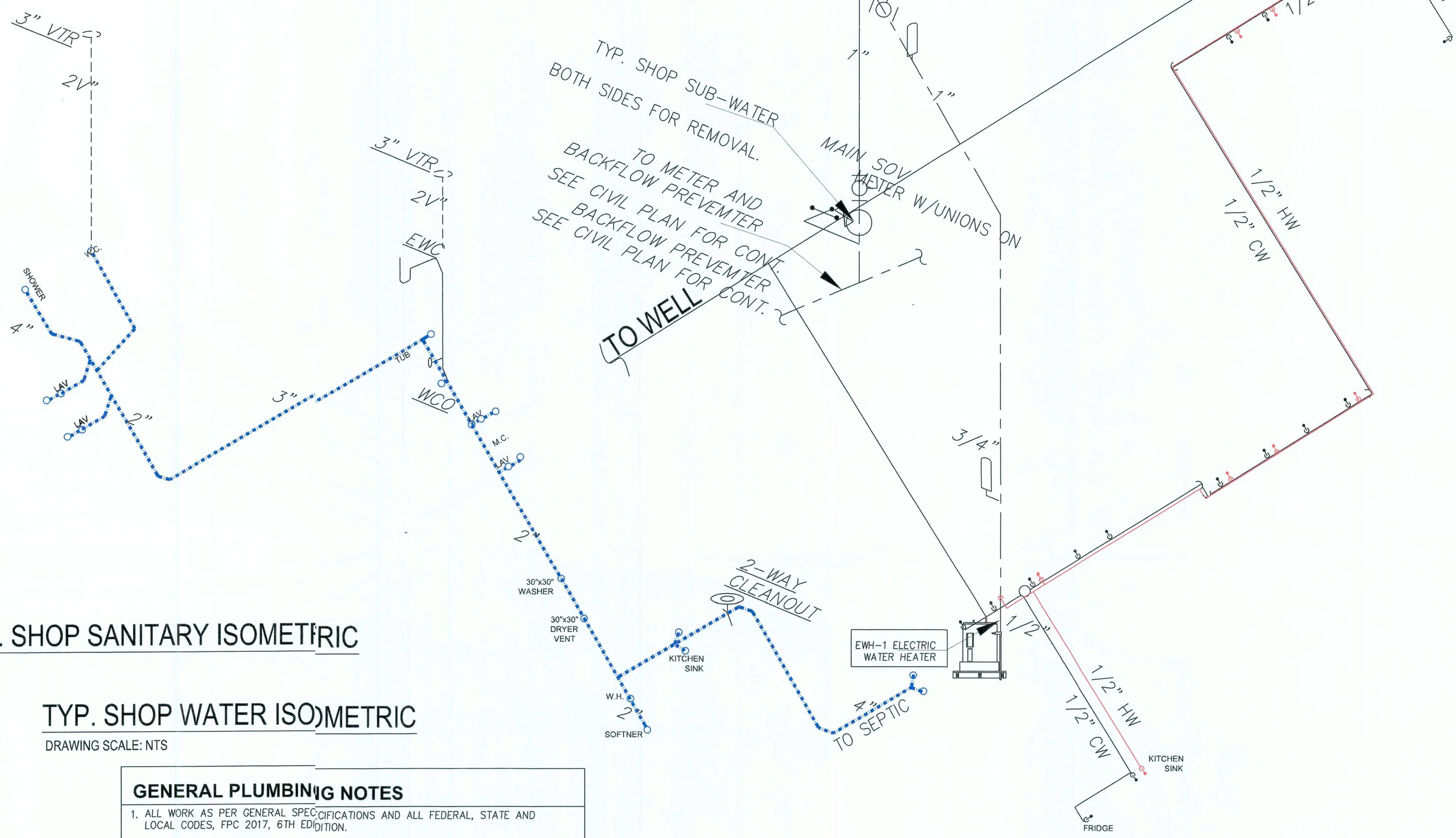
PLUMBING PLAN

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

PLUMBING FIXTURE SCHEDULE

MARK	QUANTITY	DESCRIPTION	CONNECTION SIZES				MFG. & MODEL NO.
			WASTE	VENT	C.W.	H.W.	
HWC	5	HANDICAP TANK TOILET	2"	3"	1/2"		KOHLER HHLNE PRESS. LITE ELONGATED MODEL K-3493, 5GPM, PROVIDE SEAT.
HLAV	5	HANDICAP LAVATORY	2"	-	-	-	WALL MTD KOHLER HUDSON MODEL K-2861, PROVIDE FAUCET SAMONS MODEL S-20-2VPG W/GRID STRAINER, 1" CENTERSET, 0.5GPM.
HD EWC	5	HANDICAP DRINKING FOUNTAIN	2"	-	-	-	ELKAY MOEL LZSTL8C, BARRIER FREE, DUAL LEVEL.

COORDINATE FIXTURES WITH OWNER.



Notes:
1. This item has been electronically signed & sealed by Richard G. Marceau using a Digital signature & date.
2. Printed copies of this document are not considered signed & sealed. This signature must be verified on any electronic copies.

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Richard G. Marceau, P.E. # 64466
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