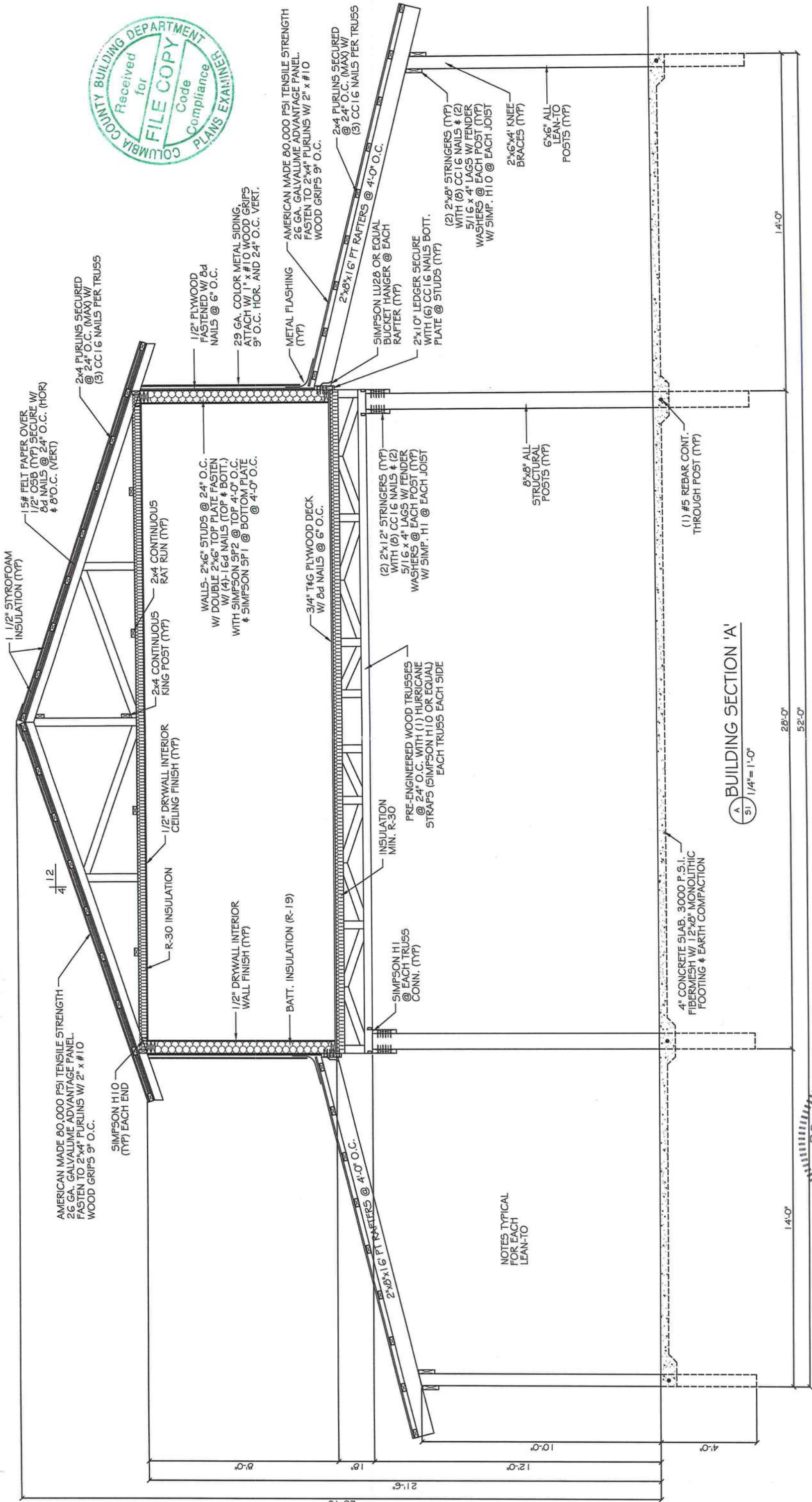




MICHAEL A. ROBINSON, P.E. (RUSTY)
LICENSE # 28317

STRUCTURAL ENGINEERING
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OFFICE: 921 SHADOW DR. STE. #3
LAKELAND, FL 33809

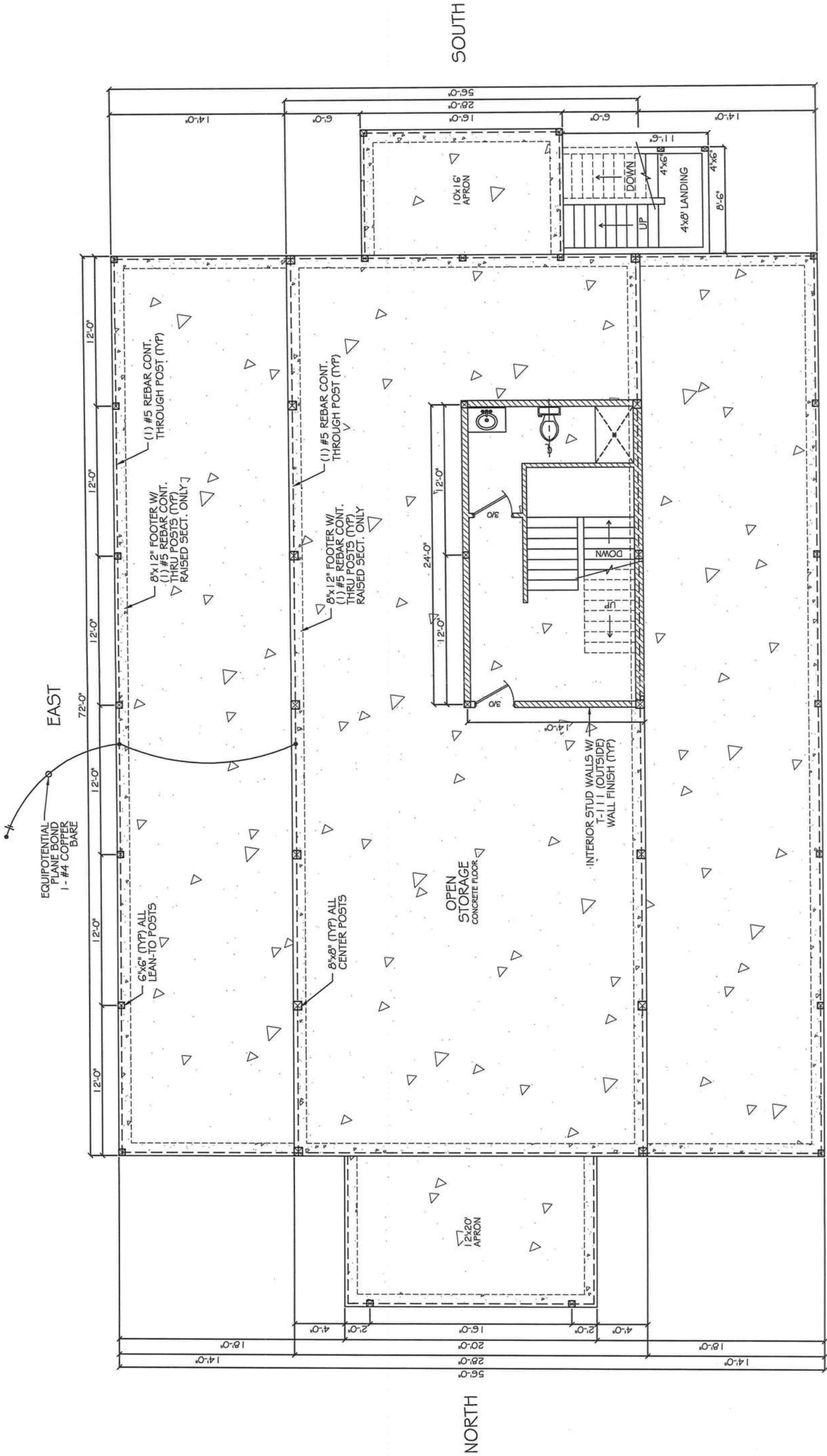
BUILDING SECTION

PLANS FOR: **BETH RICHARDS**

BLISS ENTERPRISES
OF PLANT CITY, INC.

3940 KNIGHTS GRIFFIN RD.
PLANT CITY, FLORIDA
33565

SCALE: AS SHOWN
DATE: 06-25-13
JOB #: 51
SHEET: 51
DRAWN BY: SBA



EQUIPOTENTIAL PLANE BONDING NOTES:
PER 547.10 ALL REBAR, MESH AND OTHER STRUCTURAL METAL SUPPORTS IMBEDDED IN CONCRETE SHALL BE BONDED. PER OUR REVIEW OF THESE SAID PLANS WE PROPOSE THE FOLLOWING, WE WILL BE INSTALLING A #4 BARE COPPER CONDUCTOR AND BONDING THE CONTINUOUS REBAR THAT RUNS AROUND THE BARN, WE WILL ALSO BE BONDING THE REBAR THAT IS INSTALLED IN A CENTER LOOP FOR SECOND STORY SUPPORT. THERE IS NO METAL MESH BEING INSTALLED, IT IS FIBERMESH.



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1st FLOOR PLAN

PLANS FOR: BETH RICHARDS



BLISS ENTERPRISES
OF PLANT CITY, INC.

3940 KNIGHTS GRIFFIN RD.
PLANT CITY, FLORIDA
33565
Ph: 813-754-1766

SCALE: AS SHOWN
DATE: 06-25-13
JOB #: 33565
SHEET: A1
DRAWN BY: SSA



A circular professional engineer seal for Michael A. Robinson. The outer ring contains the text "MICHAEL A. ROBINSON" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. The inner ring contains "LICENSE" on the left and "STATE OF FLORIDA" on the right, also separated by two stars. In the center, the license number "No 28317" is printed above a stylized signature "MAR".

NAILING SCHEDULE (AS NEEDED)		
TYPE	NAILING	ALLOWABLE UPLIFT (LBS)
SIMPSON H1	6-8d NAILS	585
SIMPSON H10	8-8d NAILS	995
SIMPSON SP1	6-10d NAILS	585
SIMPSON SP2	6-10d NAILS	1065

NO ALL PRESSURE TREATED LUMBER SHALL BE AS FOLLOWS:

RETENTION (LBS./CU. FT.)	USES/EXPOSURE
.25	ABOVE GROUND
.40	GROUND CONTACT
	FRESH WATER
.60	WOOD FOUNDATION
2.50	SALT WATER

1. ALL DOORS, WINDOWS & ROOFING/SIDING MATERIALS TO BE INSTALLED AS PER MANUFACTURERS INSTRUCTIONS. (UNLESS OTHERWISE STATED)
CONTRACTOR OR OWNER SHALL SUPPLY VENDOR DATA STATING THE ABOVE ITEMS COMPLY WITH 2010 FLORIDA BUILDING CODE FOR 140 MPH WINDS.
2. ELECTRICAL, PLUMBING & HVAC IF REQUIRED FOR THIS PROJECT WILL BE FURNISHED AT A LATER DATE.
3. SIDEWALL OR GABLE METAL FASTENED @ 9" O.C. HORIZONTAL AND 24" O.C VERTICAL.

GENERAL NOTES:

1. THIS BUILDING IS IN ACCORDANCE WITH 2010 FLORIDA BUILDING CODE
2. BASIC WIND SPEED = 140 MPH
3. EXPOSURE CATEGORY: B
4. RISK CATEGORY I
5. ALL WOOD IN THIS STRUCTURE TO BE SP #2 GRADE OR BETTER.
6. ANCHORED TO SOIL BASED ON FOUNDATION DESIGN EP-486 PER ASAE (AMERICAN SOCIETY OF AGRICULTURAL ENG.)
7. FOR STRUCTURAL INTEGRITY, METAL SHEETING SHALL BE MINIMUM STANDARD 29 GA., 50,000 LB. TENSILE STRENGTH.
8. DESIGN WIND PRESSURE FOR EXTERIOR COMPONENTS AND CLADDING - (+/-) 30 PSF.
9. INTERNAL PRESSURE COEFFICIENT - ENCLOSED (+/-) 0.18.

PLANS FOR: BETH RICHARDS

STRUCTURAL ENGINEERING

INDUSTRIAL, COMMERCIAL, & RESIDENTIAL

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spirob@str-eng.com

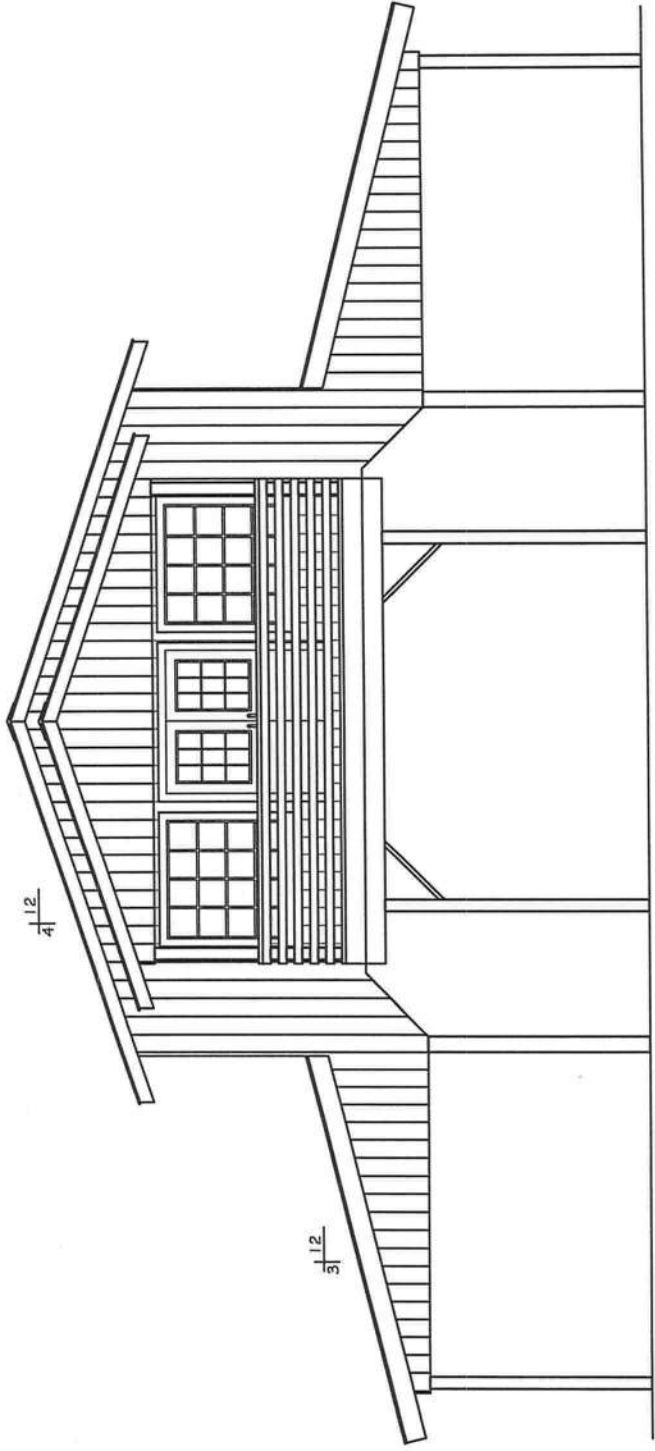
OFFICE: 921 SHADOW DR. STE. #3
LAKELAND, FL 33809



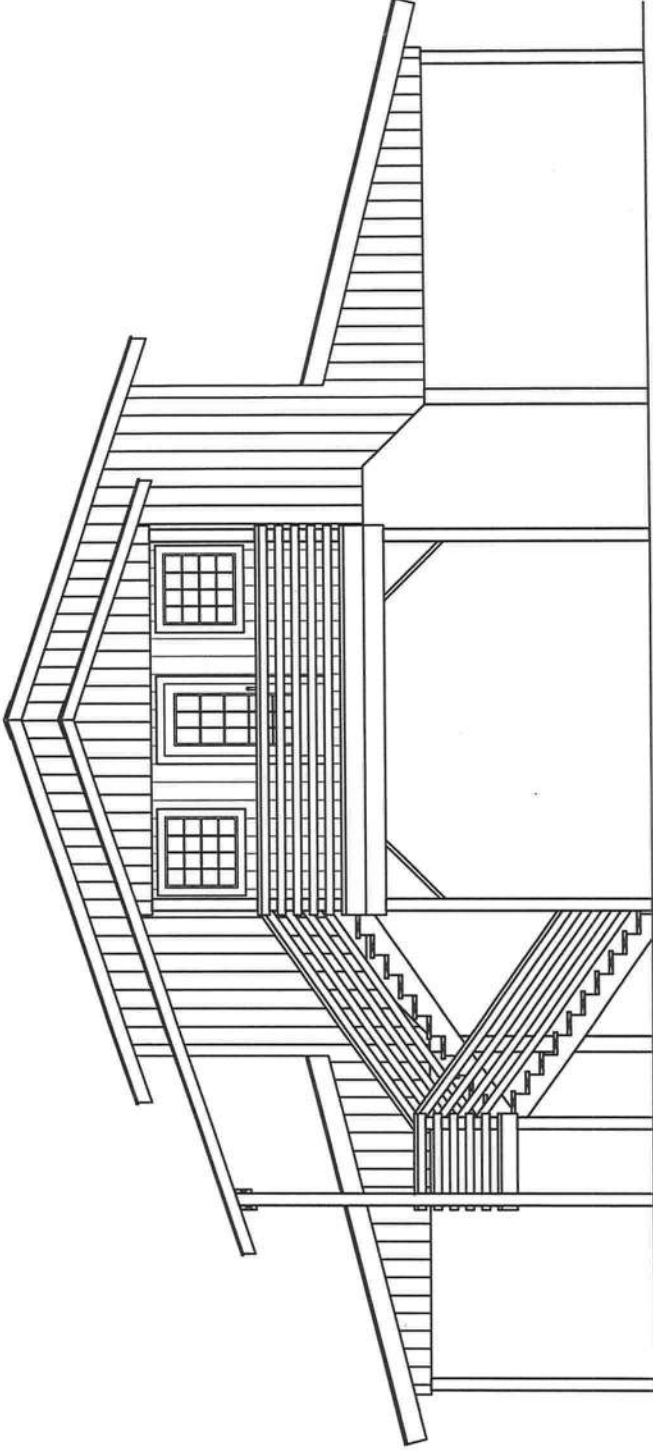
BLISS
ENTERPRISES
OF PLANT CITY, INC.

CBC 1257107

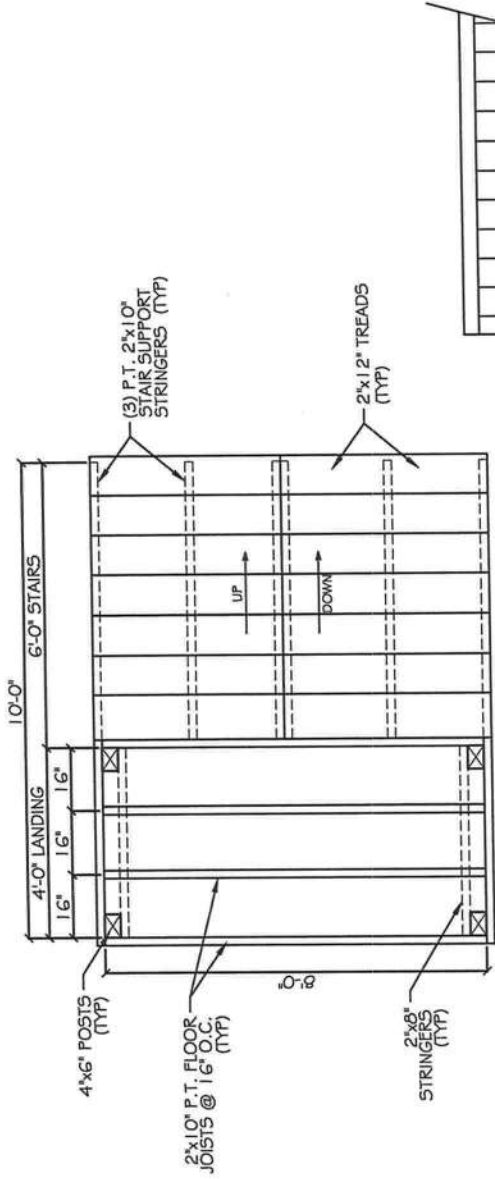
SCALE: AS SHOWN	JOB #:
DATE: 06-25-13	SHEET: A2
DRAWN BY: SEA	



NORTH ELEVATION
1/8" = 1'-0"

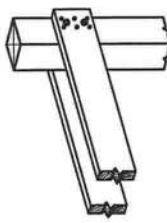


SOUTH ELEVATION
1/8" = 1'-0"



LANDING & STAIRS STRUCTURAL
NOT TO SCALE

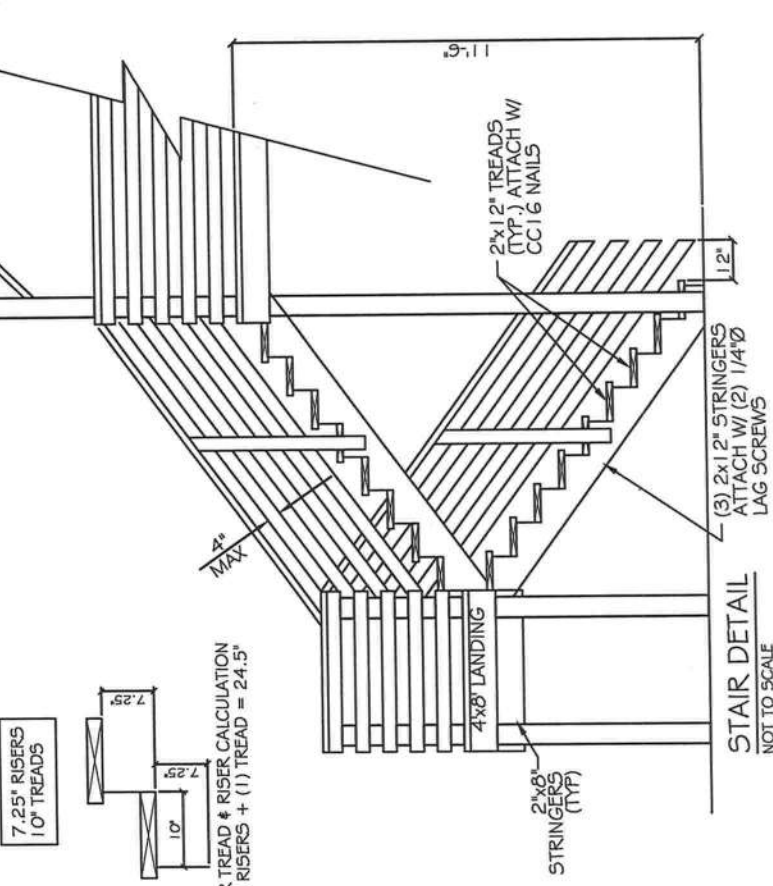
7.25" RISERS
10" TREADS



ALL STRINGERS SECURED
TO POST W/ (6) CC16
NAILS & (2) 5/16" x 4" LAGS
W/ FENDER WASHERS



STAIR TREAD & RISER CALCULATION
(2) RISERS + (1) TREAD = 24.5"



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PLANS FOR: BETH RICHARDS

BUILDING
ELEVATIONS



BLISS
ENTERPRISES
OF PLANT CITY, INC.

3940 KNIGHTS GRIFFIN RD.
PLANT CITY, FLORIDA
33565

CBC 1 257 107 Ph: 813-754-1766

SCALE:

A5 SHOWN

DATE:

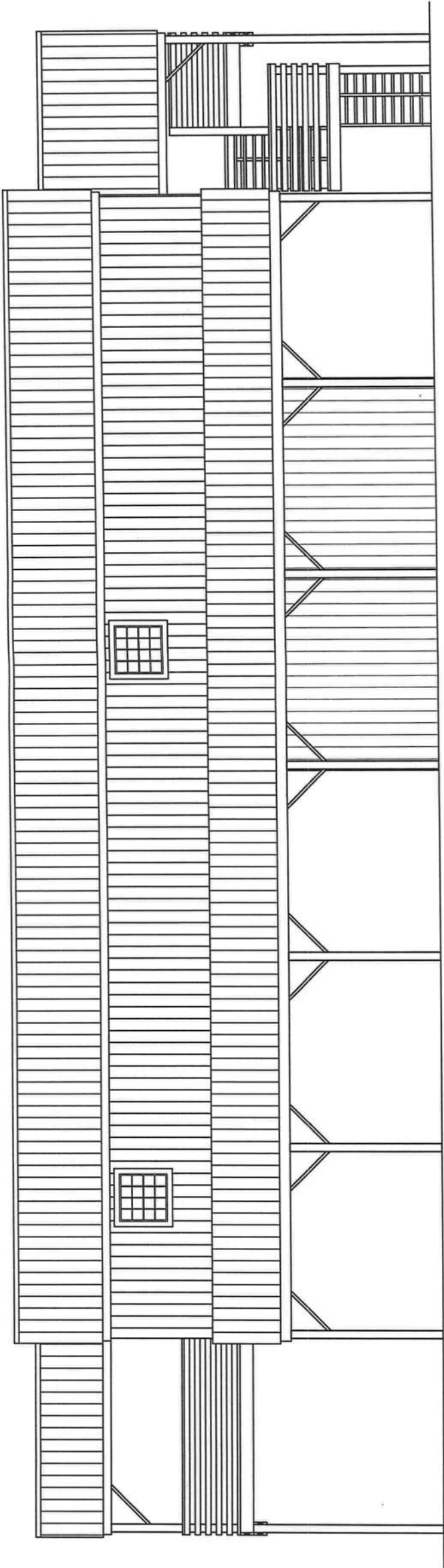
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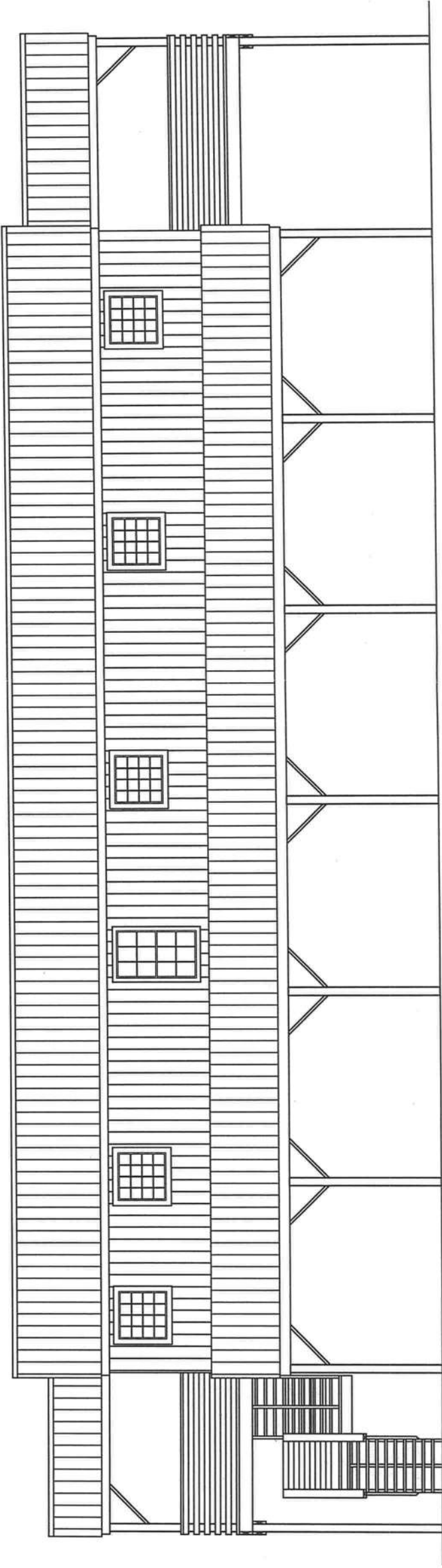
A5

SHEET:

A3



WEST ELEVATION
1/8" = 1'-0"



EAST ELEVATION
1/8" = 1'-0"



MICHAEL A. ROBINSON, P.E. (RUSTY)
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BUILDING
ELEVATIONS



BLISS
ENTERPRISES
OF PLANT CITY, INC.

PLANS FOR: BETH RICHARDS

3940 KNIGHTS GRIFFIN RD.
PLANT CITY, FLORIDA
33565

CBC 1257107

Ph: 813-754-1766

SCALE:

A5 SHOWN

DATE:

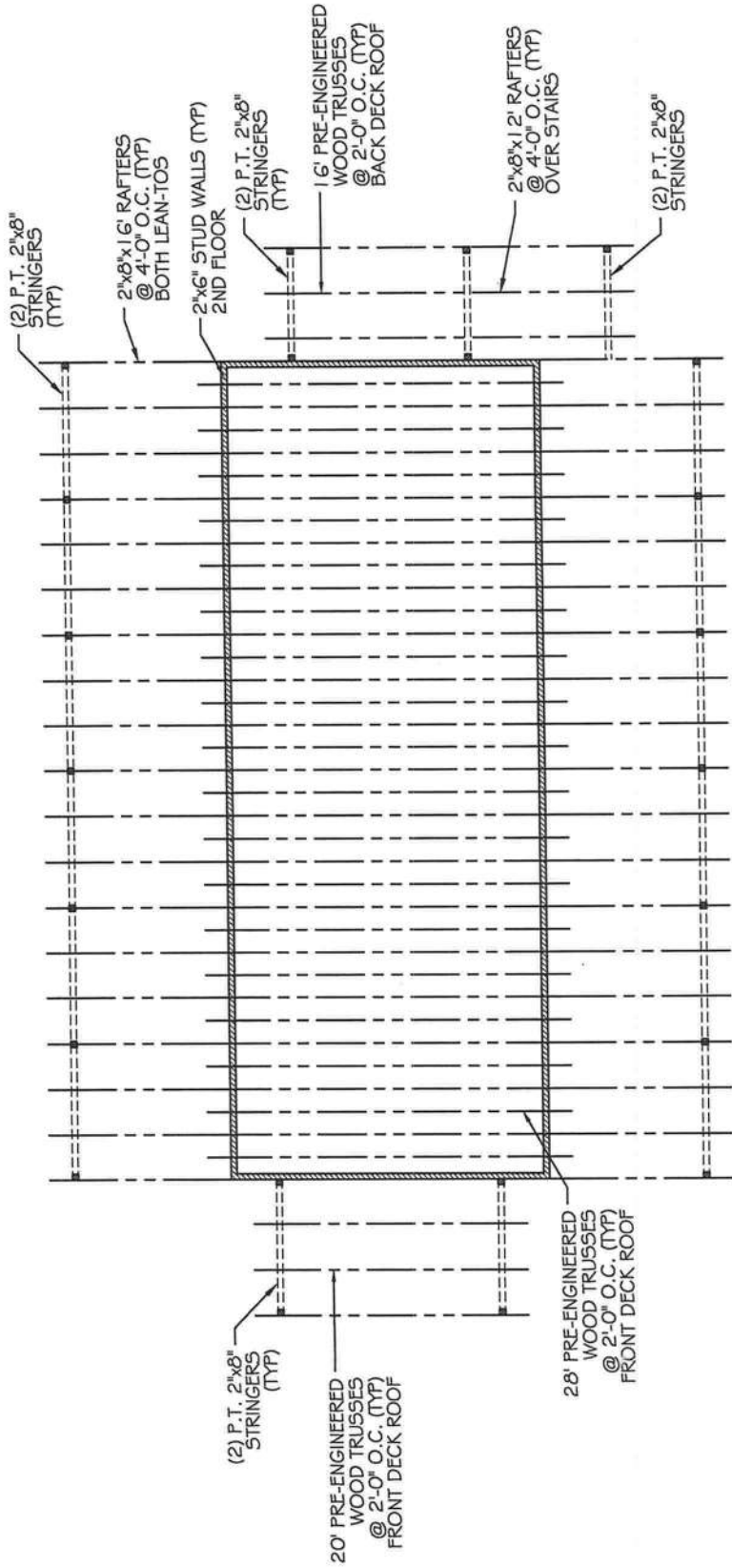
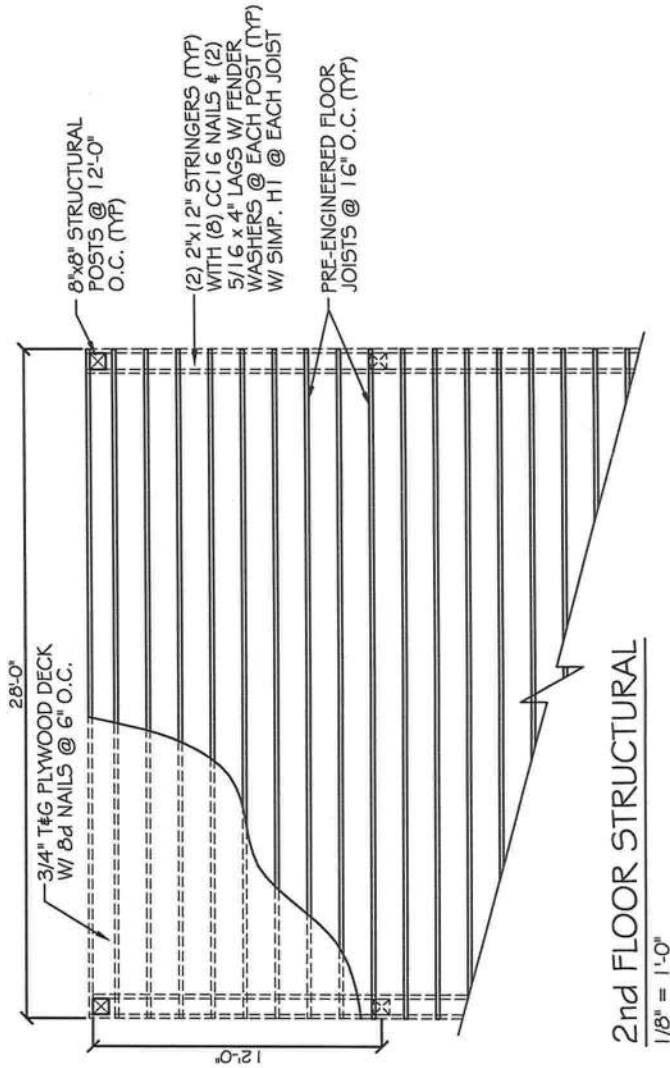
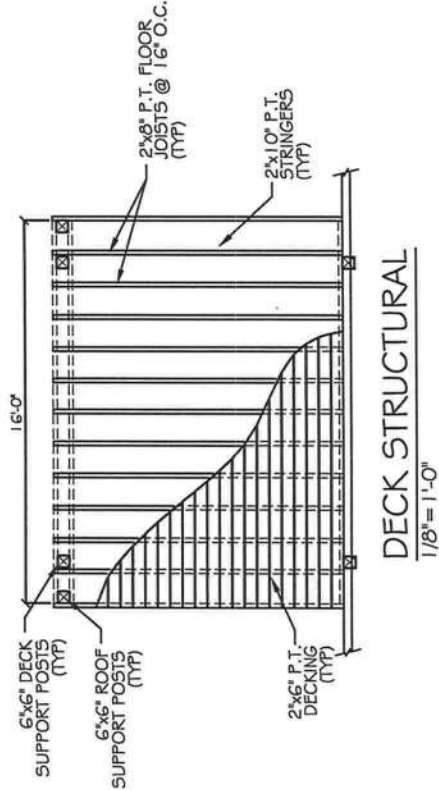
06-25-13

DRAWN BY: BSA

JOB #:

SHEET:

A4



MICHAEL A. ROBINSON, P.E. (RUSTY)
LICENSE # 28317

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DETAILS

PLANS FOR: BETH RICHARDS

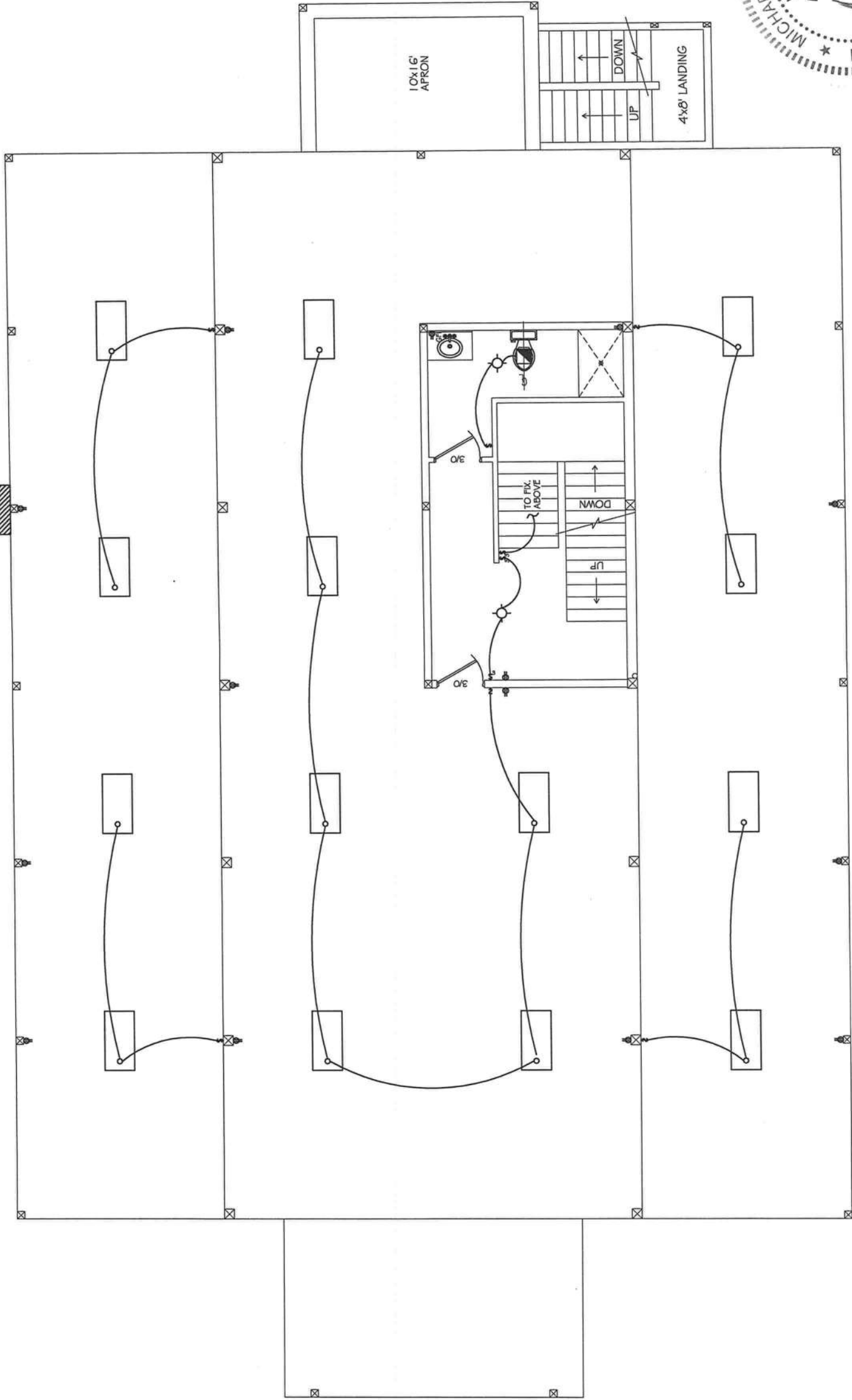
BLISS ENTERPRISES
OF PLANT CITY, INC.

3940 KNIGHTS GRIFFIN RD.
PLANT CITY, FLORIDA 33565
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Ph: 813-754-1766

SCALE: A5 SHOWN
DATE: 06-25-13
DRAWN BY: SEA

JOB #:
SHEET: A5

LOCATION OF METER
& MAIN BREAKER



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ELECTRICAL

BLISS ENTERPRISES
OF PLANT CITY, INC.

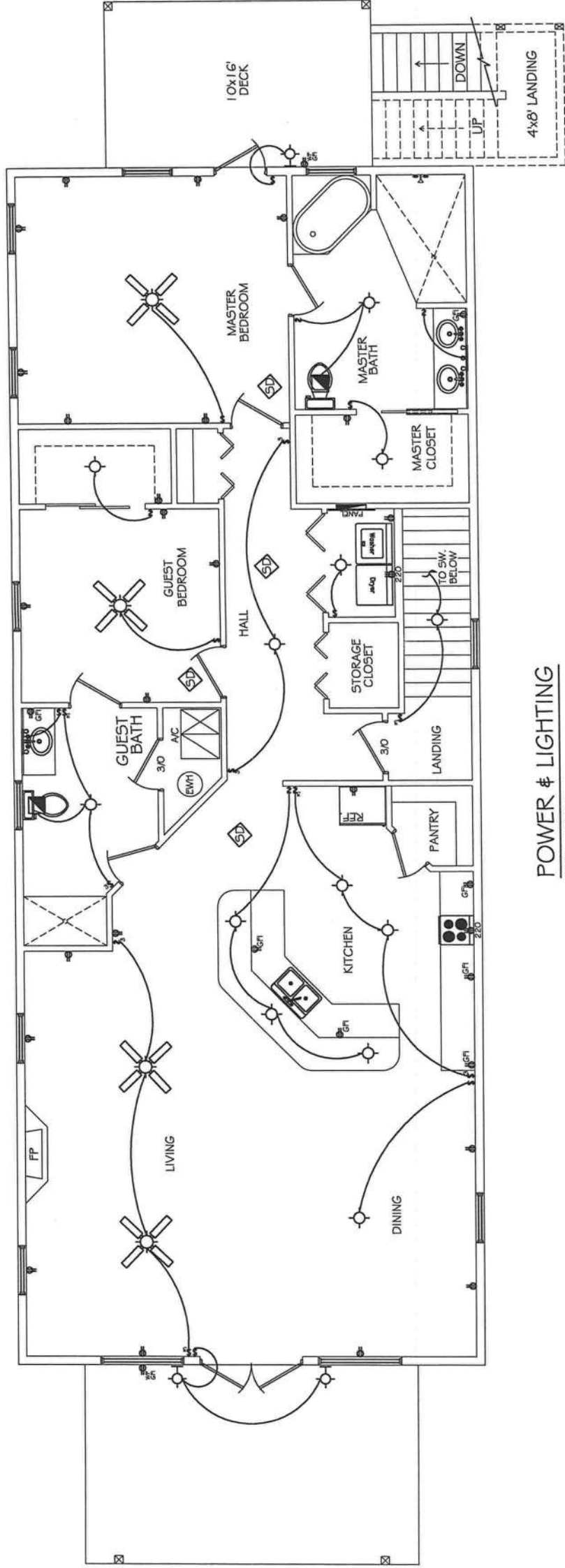


PLANS FOR: BETH RICHARDS

3940 KNIGHTS GRIFFIN RD.
PLANT CITY, FLORIDA
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SCALE: AS SHOWN
DATE: 06-25-13
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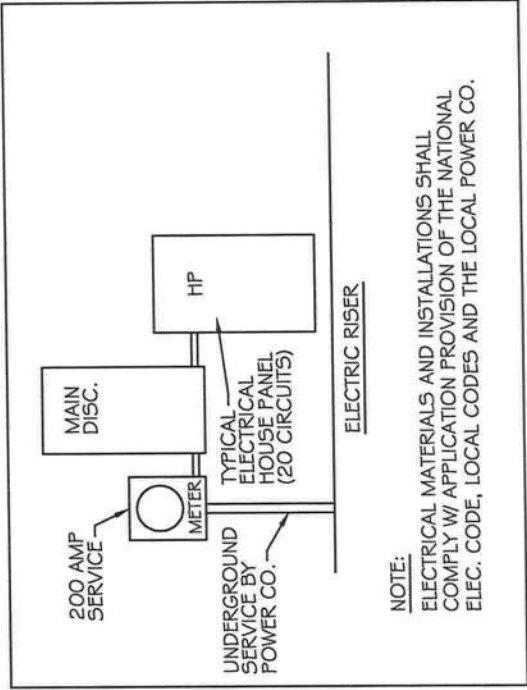
JOB #: E1
SHEET: E1



POWER & LIGHTING
1/8" = 1'-0"

POWER & LIGHTING SYMBOLS LEGEND		
SYMBOL	DESCRIPTION	MOUNTING
	DUPLEX RECEPTACLE (120)	M.H. 18" TO CENTERLINE
	240 RECEPTACLE.	M.H. 18" TO CENTERLINE
	POWER & LIGHTING PANEL	M.H. 6'-6" MIN. TO TOP
	(2) x4' FLUORESCENT LIGHTING FIXTURE	CEILING
	CEILING FAN W/ LIGHT	CEILING
	RECESSED LIGHTING FIXTURE	CEILING
	INCANDESCENT OR HIGH INTENSITY DISCHARGE LTG FIX.	WALL MOUNT
	EXHAUST FAN	NOTED ON PLANS
	SINGLE POLE SWITCH.	M.H. 48" TO CENTERLINE
	TELEPHONE	WALL OUTLET
	RESIDENTIAL SMOKE / CARBON MON. DETECTOR (120V)	CEILING
WP = WEATHER PROOF GFI = GROUND FAULT INTERRUPT		

- GENERAL NOTES:**
1. PROVIDE AND INSTALL LOCALLY CERTIFIED SMOKE DETECTORS AS REQUIRED BY NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) AND MEETING THE REQUIREMENTS OF ALL GOVERNING CODES.
 2. PROVIDE AND INSTALL GROUND FAULT CIRCUIT-INTERRUPTERS (GFI) AS REQUIRED BY NATIONAL ELECTRIC CODE (NEC) AND MEETING THE REQUIREMENTS OF ALL GOVERNING CODES.
 3. ARC FAULT PROTECTION REQUIRED FOR BEDROOM OUTLETS.



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ELECTRIC PLAN

PLANS FOR: BETH RICHARDS

BLISS ENTERPRISES
OF PLANT CITY, INC.

CBC 1257107

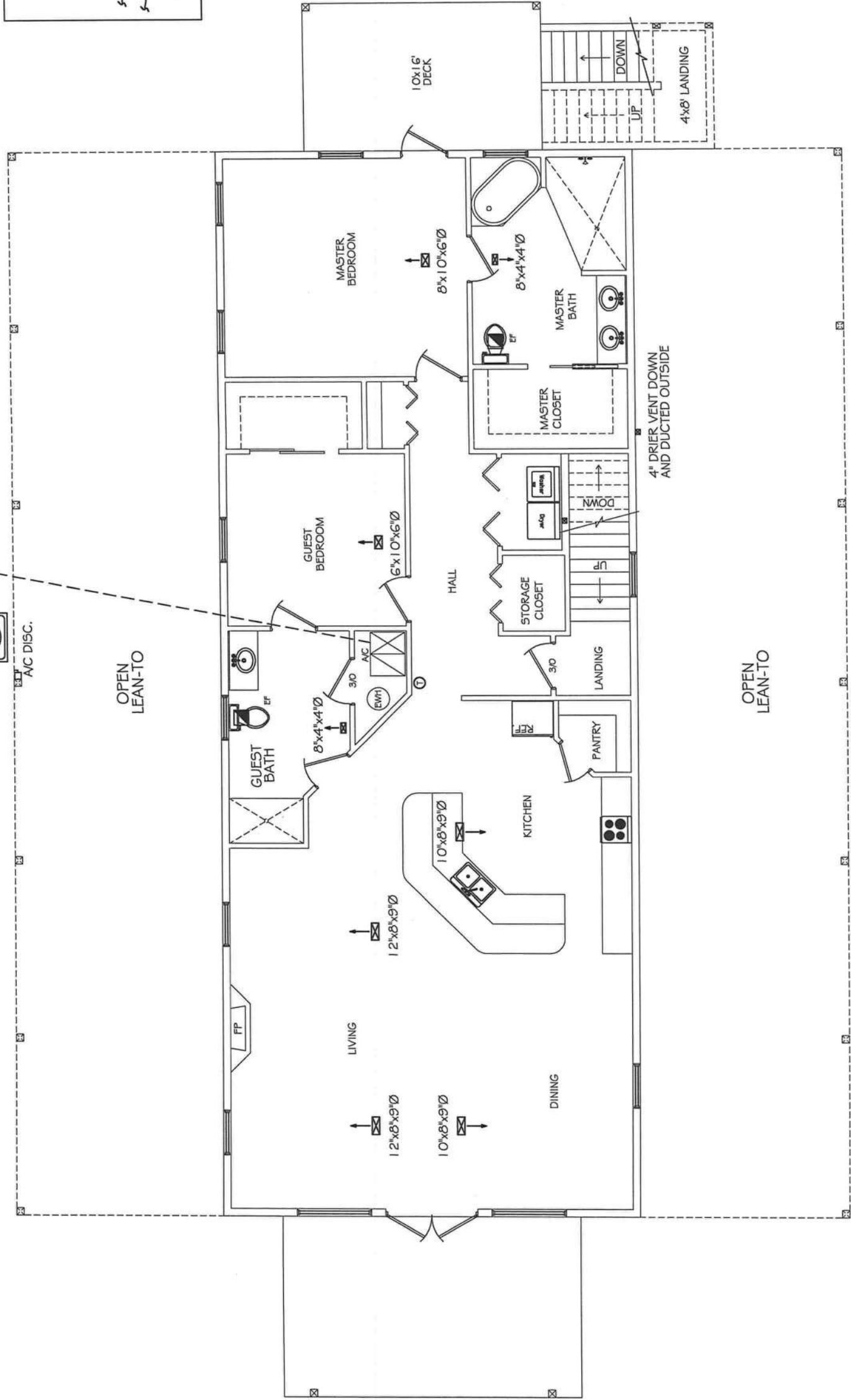
3940 KNIGHTS GRIFFIN RD.
PLANT CITY, FLORIDA 33565
DATE: 06-25-13
SCALE: AS SHOWN
JOB #: E2

Ph: 813-754-1766
DRAWN BY: SEA

CONDENSATE
DRAIN TO GRASS



OPEN
LEAN-TO



OPEN
LEAN-TO

2nd FLR HVAC PLAN
1/8" = 1'-0"

HVAC LEGEND

SUPPLY DIFFUSER, ARROW INDICATES DIRECTION OF THROW

RETURN GRILLE

EXHAUST FAN

DUCT WORK

FLEXIBLE DUCT

FLEXIBLE DUCT MIXING BOXES

1" DOOR UNDERCUT

THERMOSTAT

AIR HANDLER

CONDENSING UNIT

EXHAUST FAN

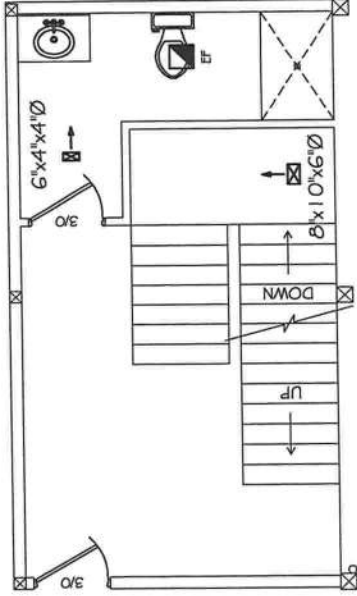
1" DOOR UNDERCUT

THERMOSTAT

AIR HANDLER

CONDENSING UNIT

EXHAUST FAN



2nd FLR HVAC PLAN
1/8" = 1'-0"



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MECHANICAL

PLANS FOR: BETH RICHARDS



**BLISS
ENTERPRISES**

OF PLANT CITY, INC.

CBC 1257107

Ph: 813-754-1766

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PLANT CITY, FLORIDA
33565

SCALE:

AS SHOWN

DATE:

06-25-13

DRAWN BY: SEA

JOB #:

SHEET:

M1

