

COUNTY OF SAN LUIS OBISPO DEPARTMENT OF PLANNING & BUILDING

MARVIN A. ROSE, INTERIM DIRECTOR

THIS IS A NEW PROJECT REFERRAL

DATE:	2/15/2018	
TO:	5th District Legislative Assistant, Agricultural Comr County fire*, Public Works*, Sheriff, Cal Trans	nissioner, CAL FIRE /
FROM:	Brandi Cummings (805-781-1006 or bcummings@o Development Review Team / Current & Environme	
PROJECT DES including 2 gr	MBER & NAME: DRC2017-00116 BURGETT SCRIPTION: Proposed Minor Use Permit for Commercenhouses (Greenhouse #1 = 786 sf, Greenhouse # 1 = 786 sf, Gree	2 = 1041 sf) and a
	tter with your comments attached no later than 14 days espond within 60 days. Thank you.	from receipt of this referral.
PART II: IS THE PART III: ARE T OF REV PART III: INDIC Please project	E ATTACHED INFORMATION ADEQUATE TO COMPLETE YOU I YES (Please go on to PART II.) I NO (Call me ASAP to discuss what else you need. We must obtain comments from outside agencies.) THERE SIGNIFICANT CONCERNS, PROBLEMS OR IMPACTS	e have only 10 days in which IN YOUR AREA ded mitigation measures to s, and attach to this letter.)
Date		hone



San Luis Obispo County Department of Planning and Building

APPLICATION TYPE - CHECK ALL THAT APPLY ☐ Emergency Permit ☐ Tree Permit ☐ Minor Use Permit ☐ Conditional Use Permit/Development Plan ☐ Plot Plan ☐ Curb, Gutter & Sidewalk Waiver ☐ Other ☐ Site Plan ☐ Surface Mining/Reclamation Plan ☐ Zoning Clearance ☐ Amendment to approved land use permit ☐ Variance	MINOR USE PERMIT CANNABIS ACTIVITIES: 3-INDOOR CULTIVATION OPERATIONS (3,057 SF) CAR/ CAR AG
APPLICANT INFORMATION Check box for contact person assigned to this project Landowner Name Richard and Pamela Bi Mailing Address 8155 Carrisa Hwy 58, San Email Address: Richie burger & gmail.	urgett Daytime Phone <u>550-1486</u> ta Margarita Zip Code <u>93453</u>
Malling Address 8155 Carrisa Hwy 58, San Email Address: Richieburger @ g. mail.	Daytime Phone <u>550-1486</u> hta MargaritaZip Code <u>93453</u>
Agent Name	
PROPERTY INFORMATION Total Size of Site: 40.4 acres Assessor Legal Description: PM 23/87 Lot 30 Address of the project (if known): 8/55 Carrisa Directions to the site (including gate codes) - describe first w the site, then nearest roads, landmarks, etc.: State H Describe current uses, existing structures, and other improve Single, Family Residence, mobile home	Hwy58, Santa Margarita ith name of road providing primary access to ighway58, just East of Bitterwater ements and vegetation on the property:
PROPOSED PROJECT Describe the proposed project (inc. sq. ft. of all buildings):	Commercial Cannabis cultivation use #2 - 1041 sqft Brownouse 1264 sqft orm accurately and declare that all tatives of the county authorization to inspect
Property owner signature Famela Burn FOR STAFF USE ONLY	gett Date 1-22-18

LAND USE PERMIT APPLICATION PACKAGE SAN LUIS OBISPO COUNTY PLANNING & BUILDING http://www.slocounty.ca.gov/planning.htm

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San Luis Obispo (County Department	of Planning and	Building	File No	
Type of project:	☒ Commercial	☐ Industrial	Residential	Recreational	Other
Describe any mod applicable):	ifications/adjustmer	nts from ordinan	ce needed and the	e reason for the rec	juest (if
Describe existing	and future access to	the proposed p	project site: lock	sed gate @ a	8155 Hwy 58
Surrounding pare If yes, what is the	cel ownership: [acreage of all prope	Do you own adja erty you own tha	cent property? t surrounds the pr	☐ Yes No oject site?	ration and the second s
North: AG ZO East: AG ZO	duse: What are the agricultural uses): ening - farm ning - SFR	ning -grazing			pplicable, hing and grazi farming ar grazing
Square footage ar Buildings: 3091 Paving: C Total area of all part Total area of gradings	nd percentage of the sq. feet <u>• 03</u> % sq. feet% aving and structures ing or removal of gr	e total site (appre	Landscaping: Other (specify)	sq. feetsq. feet	llowing: %] acres] acres eet 9 inches Back <u>157</u> 4 f
Proposed water s	source: 💢 On-si stem - List the ager id will-serve letter?	te well Sh	ared well	Otherovision:	
☐ Community Sy	e disposal: Incostem - List the ager id will-serve letter?	ncy or company	responsible for se	wage disposal:	
Fire Agency: L	ist the agency respo	onsible for fire p	rotection: <u>Ca</u>	1 Fire	
Total outdoor use	ndustrial projects area: _O	feet acres			
Number of resider Total floor area of	rojects, answer the ntial units: all structures include e lot(s) minus buildi	Nur ling upper storie		and carports:	sf

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San Luis Obispo County Department of Planning and Building

File No

The California Environmental Quality Act (CEQA) requires all state and local agencies to consider and mitigate environmental impacts for their own actions and when permitting private projects. The Act also requires that an environmental impact report (EIR) be prepared for all actions that may significantly affect the quality of the environment. The information you provide on this form will help the Department of Planning and Building determine whether or not your project will significantly affect the quality of the environment.

To ensure that your environmental review is completed as quickly as possible, please remember to:

- a. Answer ALL of the questions as accurately and completely as possible.
- b. Include any additional information or explanations where you believe it would be helpful or where required. Include additional pages if needed.
- c. If you are requesting a land division or a re-zoning, be sure to include complete information about future development that may result from the proposed land division or rezoning.
- d. Include references to any reports or studies you are aware of that might be relevant to the questions asked or the answers you provide.

Should a determination be made that the information is inaccurate or insufficient, you will be required to submit additional information upon request.

Physical Site Characteristic Information

Your site plan will also need to show the information requested here:

1.	Describe the topography of the site:	
	Level to gently rolling, 0-10% slopes: 40.4 acres	
	Moderate slopes - 10-20%: acres	
	20-30%: O acres	
	Steep slopes over 30%:	
2.	Are there any springs, streams, lakes or marshes on or near the site? If yes, please describe:	☐ Yes ☒ No
3.	Are there any flooding problems on the site or in the surrounding area? If yes, please describe:	☐ Yes ☒ No
4.	Has a drainage plan been prepared? If yes, please include with application.	Yes No
5.	Has there been any grading or earthwork on the project site? If yes, please explain: Septic tank installation	☑Yes ☐ No
6.	Has a grading plan been prepared? If yes, please include with application.	☐ Yes ☒ No
7.	Are there any sewer ponds/waste disposal sites on/adjacent to the project?	☐ Yes ☒ No
8.	Is a railroad or highway within 300 feet of your project site?	
9.	Can the proposed project be seen from surrounding public roads?	Yes No
	If yes, please list: <u>Buildings are visible from Hiways</u> All cannabis is inside building	25

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Water Supply Information What type of water supply is proposed? Individual well ☐ Shared well ☐ Community water system What is the proposed use of the water? Residential Agricultural - Explain cannabis cultivation Commercial/Office - Explain ☐ Industrial – Explain __ How many service connections will be required? Do operable water facilities exist on the site? Yes No If yes, please describe: 340 foot deep well - Filipponi - Thompson Has there been a sustained yield test on proposed or existing wells? Drilling 1981 6. Yes No If yes, please attach. Does water meet the Health Agency's quality requirements? Bacteriological? Yes □ No awaiting results □ No awaiting results □ No Chemical? Yes Physical Yes Water analysis report submitted? X Yes Please check if any of the following have been completed on the subject property and/or submitted to County Environmental Health. ⋈ Well Driller's Letter ☐ Water Quality Analysis(☐ OK or ☐ Problems) Pump Test _____Hours /_ 30 GPM Will Serve Letter Other Surrounding Well Logs Hydrologic Study Please attach any letters or documents to verify that water is available for the proposed project. Sewage Disposal Information If an on-site (individual) subsurface sewage disposal system will be used: Has an engineered percolation test been accomplished? × Yes No If yes, please attach a copy. 2. What is the distance from proposed leach field to any neighboring water wells? 100 feet Will subsurface drainage result in the possibility of effluent reappearing in surface water or on adjacent lands, due to steep slopes, impervious soil layers or other existing conditions? No Yes 4. Has a piezometer test been completed? No If 'Yes', please attach. 5. Will a Waste Discharge Permit from the Regional Water Quality Control Board be required?

If a community sewage disposal system is to be used:

No

Yes

No (a waste discharge permit is typically needed when you exceed 2,500 gallons per

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accept the proposed flow?

☐ Yes day)

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Soli	d Waste Information
2	What type of solid waste will be generated by the project? Domestic Industrial Agricultural Other, please explain? Name of Solid Waste Disposal Company:
3.	Where is the waste disposal storage in relation to buildings?
4.	Does your project design include an area for collecting recyclable materials and/or composting materials? No
Con	nmunity Service Information
1.	Name of School District: Atascadero Unified
3.	Location of nearest police station: <u> Pempleton</u> Location of nearest fire station: <u>Cal Fire Station #41 - Tmiles</u> Station #43 - 8miles Station #43 - 8mi
4.	l ocation of hearest public transit stop.
5.	Are services (grocery/other shopping) within walking distance (1/2 mile or closer) of the project?
7.19	toric and Archeological Information
1	Please describe the historic use of the property: Agricultural
2.	Are you aware of the presence of any historic, cultural or archaeological materials on the project
	site or in the vicinity? Yes No
	If you please describe:
3.	has all alchaeological surface survey been done to the project
	If yes, please include two copies of the report with the application.
_	1.11 Levis Design to Information
Col	mmercial/Industrial Project Information
On	ly complete this section if you are proposing a commercial or industrial project or zoning ange.
1	. Days of Operation: Not OPEN to Public Hours of Operation:
2	How many people will this project employ?
3	Will ampleyees work in chiffe? Ves NO
	If yes, please identify the shift times and number of employees for each shift
1	Will this project produce any emissions (i.e., gasses, smoke, dust, odors, fumes, vapors)?
	Yes No If yes, please explain: ODOR, occasionally
5	5. Will this project increase the noise level in the immediate vicinity?
	16 con alagon avalain:
	(If loud equipment is proposed, please submit manufacturers estimate on noise output.)
6	8. What type of industrial waste materials will result from the project? Explain in detail: No Industrial Waste — Fertilizer and Pesticide Containers No Industrial Waste — Fertilizer and Pesticide Containers
A 2 12	No Industrial Waste — Pertilizer and Policy Will bezardous products be used or stored on-site? Yes No
7	7. Will hazardous products be used or stored on-site? Yes No If yes, please describe in detail:
8	8. Has a traffic study been prepared? Yes No If yes, please attach a copy.
3	9. Please estimate the number of employees, customers and other project-related traffic trips to or from the project: Between 7:00 - 9:00 a.m Between 4:00 to 6:00 p.m

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10.	Are you proposing any special measures (carpooling, public transit, telecommuting) to reduce automobile trips by employees
11.	Are you aware of any potentially problematic roadway conditions that may exist or result from the proposed project, such as poor sight distance at access points, connecting with the public road? Yes No If yes, please describe:
Agri	cultural Information
	complete this section if your site is: 1) Within the Agricultural land use category, or 2) ently in agricultural production.
1. 2. 3.	Is the site currently in Agricultural Preserve (Williamson Act)? If yes, is the site currently under land conservation contract? If your land is currently vacant or in agricultural production, are there any restrictions on the crop productivity of the land? That is, are there any reasons (i.e., poor soil, steep slopes) the land
1	cannot support a profitable agricultural crop? Please explain in detail:
Spe	cial Project Information
1.	Describe any amenities included in the project, such as park areas, open spaces, common recreation facilities, etc.(these also need to be shown on your site plan):
2.	Will the development occur in phases? ☐ Yes ☒ No If yes describe:
3.	Do you have any plans for future additions, expansion or further activity related to or connected with this proposal? No If yes, explain: We may want to build another green house at a later date.
4.	Are there any proposed or existing deed restrictions?
Ene	rgy Conservation Information
1,	Describe any special energy conservation measures or building materials that will be incorporated into your project *: Self actuating, vent openers, All lighting, has been replaced with digital equipment *The county's Building Energy Efficient Structures (BEES) program can reduce your construction permit fees. Your building must exceed the California State Energy Standards (Title 24) in order to qualify for this program. If you are interested in more information, please contact the Building Services Division of the Department of Planning and Building at (805) 781-5600.
Env	rironmental Information
1.	List any mitigation measures that you propose to lessen the impacts associated with your project:
	Should not be any impacts associated with the project
2	Are you aware of any unique, rare or endangered species (vegetation or wildlife) associated with the project site? Yes No If yes, please list: but we are in a kit fox mitigation area.
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3.	Are you aware of any previous environmental determinations for all or portions of this property? Yes No If yes, please describe and provide "ED" number(s):
Oth	er Related Permits
1.	List all permits, licenses or government approvals that will be required for your project (federal, state and local):
	(If you are unsure if additional permits are required from other agencies, please ask a member of the Planning Department staff currently assigned to the project
	a sellers permit from Cal State Bd of Equalization
	@ cannabis tax permit from Cal Dept of Tax and Fee Admin
(3) California Bureau of Cannabis Control License
	a colifornia Dept of Public Health License



COUNTY OF SAN LUIS OBISPO DEPARTMENT OF PLANNING & BUILDING CANNABIS APPLICATION SUPPLEMENT

PLN-2018 12/8/2017

The following information is required in addition to the Land Use Permit Application. Cannabis Activities Proposed X Cultivation Manufacturing Facility Nursery **Testing Facility** Dispensary Distribution Facility For Cultivation and Nurseries ONLY Approved Cooperative/Collective Registration number. Note: If you do not hold an approved cooperative/collective registration, you cannot apply for cultivation until 2019. Approved registration number: CCM2016- 00237 What is the applicant on the approved registration? Note: The applicant name on the registration must match the applicant name on the land use permit. Name of applicant: Pamela Burgett Are you planning on cultivating on the same site that a registration was approved for? X Yes ΠNo What type of State cultivation license are you seeking? ∐ Type 3 X Type 1 Type 2 Type 4 Microbusiness Type 5 Indoor Outdoor Designate the total square footage of your cultivation canopy area(s). This is not necessarily the maximum canopy size allowed by the tier of license for which you are applying, but the amount of canopy area you intend to produce. If you intend to have multiple canopy area locations, include only the total square footage of the total canopy. 1390 square feet

Check one or more of the following that apply and attach a detailed diagram of your designated canopy area. Include specific dimensions, in feet and inches, in the diagram. If you have only a single canopy area, clearly indicate that. If you are designating multiple canopy areas, clearly identify the square footage and dimensions of each area and how it is separated from other canopy areas. Note that if you are designating multiple canopy areas you must separate each area by a physical boundary such as an interior wall. Vertically stacked canopy areas must be identified as such in the detailed diagram submitted by applicants.

Green house #1 466 sq.ft Growhouse Glone room 153 Green house #2 771 sq.ft mother room 75

I have designated the specific area and dimensions of my newly designated canopy area(s): 1390 sq.ft

CANNABIS APPLICATION SUPPLEMENT

On my floor plan submitted	with the application
On an additional document	submitted with my application

Record your estimates of electrical usage in kilowatt-hours (kWh). To determine how many kWh a piece of equipment uses, take the following steps:

- Determine the wattage of the device by checking manufacturer specifications
- Multiply this number by the number of hours each month the device will be in use to determine watt-hours.
- Divide each month's watt-hours by 1,000 to determine kWh. Round to three decimal places.
- Repeat this for each piece of equipment and the total amounts for each month.
- Estimates should assume the business is in full production for each month.

Describe all sources of electrical power and the total annual kWh expected to be drawn from each. For example, if the operation uses on-site power generation from a source such as solar panels, document the amount of power you expect to use from that source in addition to any other sources.

Source or utility name	Expected kWh drawn annually
P6+E	72, 460
Total Annual kWh:	72, 460

Clearly identify the measurement unit you are using to estimate or report your water usage. If you are using multiple units, you may use additional columns to record that information. If you are using reclaimed water, identify that as a source. If you are utilizing more sources of water than may be included on this form, you may include that information on a separate page submitted with this application.

Estimate the total water used in the production of marijuana by month. If recording estimates for multiple sources, estimate these amounts separately.

Source Well		Grow house	Greenhouse#1	Greenhouse #2	
Month and	Year			STATE STATE OF THE	
1	2018	600 gallons		_	
2		600	~	_	
3		600	750	1500	
4		600	1500	3000	
5		600	1500	3000	
6		600	750	1500	
7		600	1500	3000	
8		600	1500	3000	
9		600	750	1500	
10		600	1500	3000	
11		600	1500	3000	
12		600	-		
Totals		7200 gallons	11,250gallon	5 22,500 gall	

40,950 gallons per year

CANNABIS APPLICATION SUPPLEMENT

Do you plan on using	g pesticides?		
X Yes	□No		
List of pesticion AZAMAX Boton CV 80-D inse	des anticipated to be used: nical Insecticide, Mit. ecticide spray - Py	icide and Nemat rethrins +5%	icide - Azgdirachtin z
For Manufacturing	ONLY		
What type of State m	nanufacturing license are you	seeking? Note: Volatile	e manufacturing is prohibited.
Type 6 Microbusi	☐ Type 7 ness	☐ Type N	☐ Type P
What type of product	ts do you plan on manufacturi	ng?	
Oils	☐ Edibles ☐ Topicals	Other	
Will the facility be uti	ilizing a closed-loop extraction	system?	
Yes	□No		
(If extracting) What t	ypes of extraction will you be	performing?	
☐ Butane ☐ Ethanol ☐ Other	☐ Propane ☐ Mechanical	☐ Hexane ☐ None	Carbon Dioxide
For Distribution ON	<u>ILY</u>		
What type of State d	listribution license are you see	eking?	
☐ Type 11	☐ Type 11 – Transp	port Only	
Will you be operating	g a storage-only business?		
Yes	□No		
How many vehicles of	do you anticipate transporting	/distributing product?	
<u> </u>	☐ 6-10 ☐ 11+	☐ N/A Storage Only	/Other

CANNABIS APPLICATION SUPPLEMENT

For Dispensaries O	For Dispensaries ONLY					
What type of State dispensary license are you seeking? Note: Dispensaries are not allowed to have storefronts open to the public.						
☐ Type 9 – non-storefront dispensary ☐ Type 10 ☐ Microbusiness						
Will you be delivering to other jurisdictions?						
☐ Yes	□No					
How many vehicles do you anticipate delivering product?						
☐ 1-5	☐ 6-10	<u> </u>	☐ N/A Storage	e Only/Other		
How many deliveries per day do you anticipate delivering product?						
<u></u> <10	<u> </u>	<u> </u>	□ >100	☐ N/A Storage Only/Other		

CANNABIS ACTIVITIES LAND USE PERMIT APPLICATION
Richard W. and Pamela S. Burgett
8155 Carrisa Highway 58
Santa Margarita, CA 93453
805-550-1486

Primitive Farms is a Family-owned and operated Cannabis Cultivation site located on 40.4 AG zoned acres in Eastern San Luis Obispo County. The owners, Richard and Pamela Burgett, reside on the property. The facility is applying for a California "Special Cottage - Mixed Light Tier 2" license. Total canopy area is 1390 sq. feet.

The property is accessed from paved State Highway 58 by a gravel all-weather driveway. As the operation is small in size (no employees), no traffic impact from the site is anticipated. The neighborhood is agriculturally zoned 40+ acre parcels that are currently grazed, farmed, or vacant. There are homes to the East and West of the site. Neighboring residences are a good distance from the property line, and have no objection to the project. The parcel is fenced, with a locked gate at the entrance. Trees line the North and East property line, blocking the view of the buildings from Highway 58. Parking is currently at the residence.

The business will operate out of 3 existing structures (2 greenhouses and a growhouse). Cannabis production starts in the growhouse where "Mother" plants are grown under lights. "Cuttings" are taken and placed in propagation trays to sprout in the Clone room. The sprouted clones are placed in progressively larger pots until they are ready to begin the flowering stage. This process takes 6 to 8 weeks. At this point, the plants are either moved to the greenhouses or placed in the growroom to finish.

Mature Cannabis Plants are cut and hung in the drying room adjacent to Greenhouse #1. Final trimming and packaging is done in the growhouse. You can expect 3 harvests a year from a properly scheduled greenhouse in this area.

The growhouse is a 40 foot x 35 foot Arch-style Metal Building. It was constructed in 1997, and houses the early growing areas as well as a trimming area, secure product storage, and a bathroom. It has a cement floor and sheetrock inner walls. The entrance to the building is well lit and securely locked. The area around the growhouse is fenced with a locking entrance gate. A new septic system is being installed to collect any waste water from the building. Run-off water from the plants is avoided by the use of containers. The runoff created from the building is historic and is not going to change. The trees that surround the building are landscaped to absorb any water before it reaches the swale west of the building.

Greenhouse #1 is a 12 foot x 40 foot building. It is wood construction with a concrete floor. The roof and sides are polycarbonite sheeting. Temperatures are controlled by evaporative coolers and fans. All plants are in containers to avoid runoff. Excess water from the evaporative coolers is piped to the septic system. An adjacent 8 foot x 40 foot cargo container is used as a drying room. Access to the greenhouse is thru the locked door of the cargo container.

Greenhouse #2 is a 20 feet x 40 feet building of metal construction with a gravel floor. The roof and sides are polycarbonite sheeting. This greenhouse is equipped with Eight (8) Solistek digital lights, in addition to the evaporative coolers and fans. All electrical work was performed by Johnson Electric and Controls, Joshua Johnson, owner. All plants are in containers

to avoid runoff. Excess water from the evaporative coolers is piped to the septic system. Access to the greenhouse is thru a steel locked door.

Water for the project is from the existing well. It was drilled by Filipponi and Thompson in 1981. The 340 foot deep well can produce 300 gallons per minute. Water quality tests have been conducted. Results are attached. As the average daily water demand is 112 gallons per day, no changes to the existing system are anticipated.

Pesticides and fertilizers that may be used include:
Azamax Botanical Insecticide - Azadirachtin 2%
CV-80-D Insecticide spray - Pyrethrins .5%
General Hydroponics
Flora-Grow 2-1-6
Micro 5-0-1
Bloom 0-5-4
Regalia Biofungicide - Extract of Reynoutria sachalinensis 5%

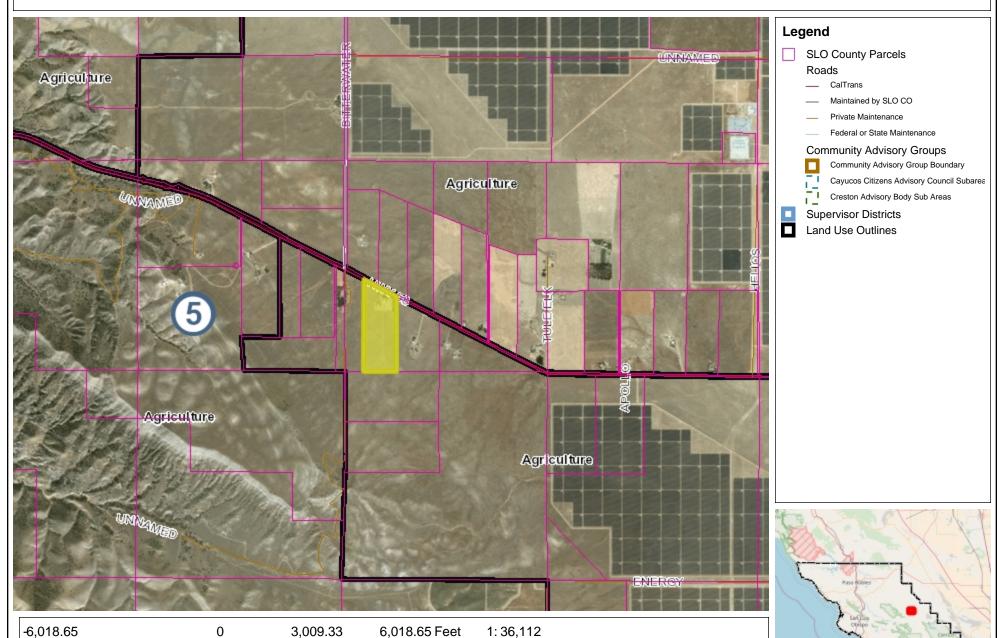
Thousia supposed the address

There is currently no signage, and none is planned. The address is clearly marked at the drive.

For any additional information, please contact Pamela Burgett @ 805-550-1486 Richieburger@gmail.com



Interactive Data Viewer





The County of San Luis Obispo does not assume liability for any damages caused by errors or omissions in the data and makes no warranty of any kind, express or implied, that these data are accurate and reliable.

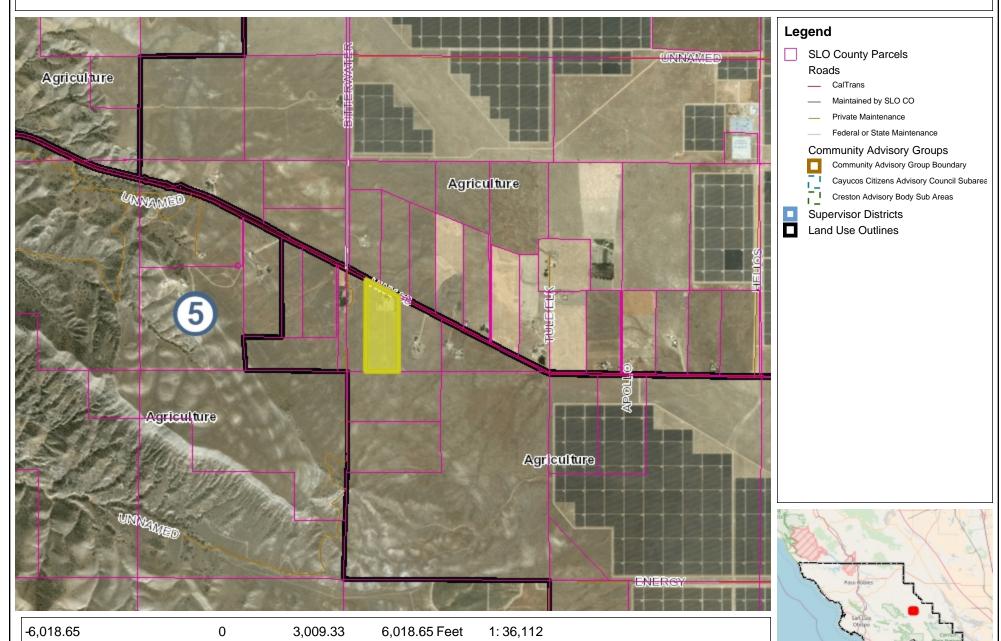
Map for Reference Purposes Only

WGS_1984_Web_Mercator_Auxiliary_Sphere © County of San Luis Obispo Planning and Building Department

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Interactive Data Viewer



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Map for Reference Purposes Only

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WGS_1984_Web_Mercator_Auxiliary_Sphere
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Interactive Data Viewer



-752.33 0 376.17 752.33 Feet 1:4,514

WGS_1984_Web_Mercator_Auxiliary_Sphere
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Map for Reference Purposes Only

Legend

SLO County Parcels

Roads

___ CalTrans

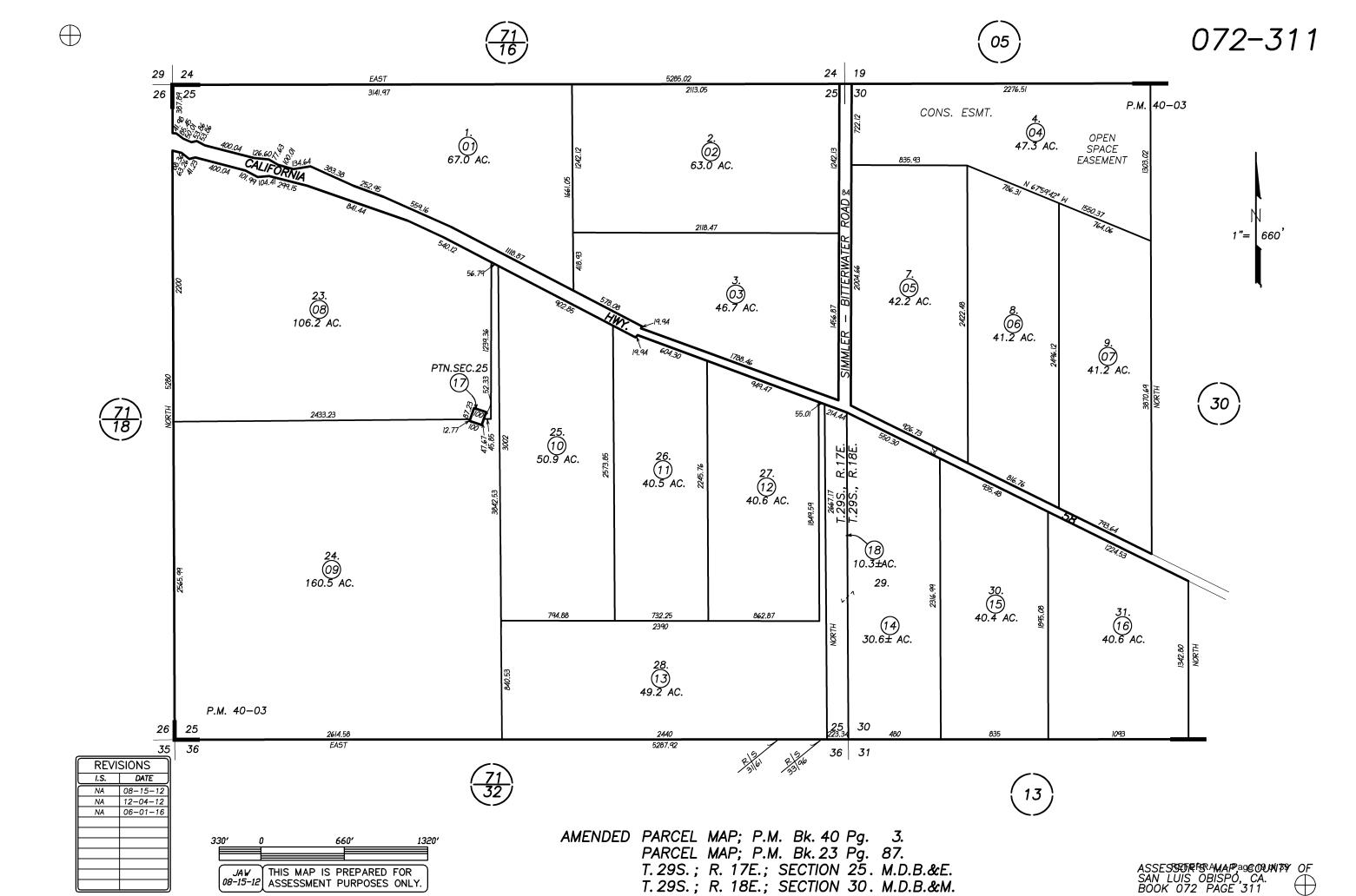
Maintained by SLO CO

— Private Maintenance

Federal or State Maintenance



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Parcel Summary Report For Parcel # 072-311-015

San Luis Obispo County Department of Planning and Building

County Government Center

San Luis Obispo, California 93408

Telephone: (805) 781-5600

People Information

Role Name and Address

OWN BURGETT RICHARD W

8155 CARISSA HWY SANTA MARGARITA CA 93453-

OWN BURGETT PAMELA S

OWN BURGETT RICHARD & PAMELA FAMILY TRU

Address Information

Status Address

P 08155 CARRISA HY CAR

Lot Information:

Tract / Block /

Twnshp Range Section Community: Plan/Area: Lue 1: Lue 2: Lue 3: Lot: Flags: Misc

CO75- 301 0030 Carrizo Carrizo Planni AG Y

Parcel Information

Status Description

Active PM 23/87 LT 30

Notes

Tax Districts

ATASCADERO

SAN LUIS OBISPO JT(27,40)

NO. 05

AREA NO. 21



Parcel Summary Report For Parcel # 072-311-015

2/15/2018 2:43:01PM

San Luis Obispo County Department of Planning and Building

County Government Center

San Luis Obispo, California 93408

Telephone: (805) 781-5600

Case Information

<u>Case Number:</u> <u>Case Status:</u>

A8468 FNL Primary Parcel

Description:

AG ELECTRICAL METER

C3329 FNL Primary Parcel

Description:

SINGLE WIDE MOBILE HOME WITH FOUNDATION

CCM2016-00237 MON Primary Parcel

Description:

02-02-18 HV - CCM USED FOR DRC2017-00116

COD2016-00575 REC Primary Parcel

Description:

3 UNPERMITTED GREENHOUSES FOR CCM

DRC2017-00116 REC Primary Parcel

Description:

CANNABIS ACTIVITIES: 3-INDOOR CULTIVATION OPERATIONS (3,057 SF)

PMT2002-10403 WIT Primary Parcel

Description:

FOUNDATION FOR MOBILE HOME

PMT2017-01287 RVW Primary Parcel

Description:

AS BUILT: GREENHOUSE #1 (752 SF) W/ELECTRICAL **REAL TIME BILLING**

PMT2017-01289 RVW Primary Parcel

Description:

AS BUILT: GREENHOUSE #2 (1,041 SF) W/ELECTRICAL **REAL TIME BILLING**

PMT2017-01290 RVW Primary Parcel

Description:

AS BUILT GROWHOUSE & PROCESSING FACILITY (1264 SF) W/NEW SEPTIC SYSTEM **REAL TIME BILLING**

PRE2017-00034 MET Primary Parcel

Description:

CANNABIS CULTIVATION AND PROCESSING IN EXISTING GREENHOUSES

D980097P CMP Related Parcel

Description:

FIBEROPTIC NETWORK

ARCHITECTURAL & STRUCTURAL PLANS FOR 8155 CARRISA, HWY 58, SANTA MARGARITA, CA 93453

EXISTING ALL-WEATHER DRIVEWAY TO REMAIN (E) PROPANE - SEPTIC TANK (E) ELECTRICAL (E) RESIDENCE -(E) GROW STRUCTURE - (E) LEACH FIELD SEPTIC TANK - (E) STORAGE CONTAINER - GREENHOUSE #1 LEECH FIELD — - GREENHOUSE #2 (2) 8' x 40' STORAGE CONTAINERS

SHEET INDEX

A-1-1	OVERALL SITE PLAN
A-1.2	ENLARGED SITE PLAN
A-2.1	GREENHOUSE #1 FLOOR PLAN
A-2.2	GREENHOUSE #2 FLOOR PLAN
A-2.3	GROWHOUSE LOWER FLOOR PLAN
A-2.4	GROWHOUSE UPPER FLOOR PLAN
E-1.1	ELECTRICAL PLAN
A-3.1	GREENHOUSE #1 ELEVATIONS
A-3.2	GREENHOUSE #2 ELEVATIONS
A-3.3	GROWHOUSE ELEVATIONS
S-1.1	GREENHOUSE #1 FOUNDATION PLAN
S-1.2	GREENHOUSE #2 FOUNDATION PLAN
S-1.3	GROWHOUSE FOUNDATION PLAN
S-2.1	GREENHOUSE #1 FRAMING PLAN
S-2.2	GREENHOUSE #2 FRAMING PLAN
S-2.3	GROWHOUSE FRAMING PLAN
D-1.1	DETAIL SHEET
D-1.2	DETAIL SHEET TWO

John A. Kudla Civil Engineering & Structural Design R.C.E. #50652 610 10th ST. UNIT 'A' PASO ROBLES, CA.

PROJECT INFORMATION

RICHARD BURGETT PROJECT ADDRESS 8155 CARRISA, HWY58, SANTA MARGARITA

072-311-015

PROJECT STATISTICS

40.45 ACRES R-1 OCCUPANCY CONSTRUCTION TYPE **EXISTING RESIDENCE** 690 SQ. FT. **EXISTING GROWHOUSE** 1264 SQ. FT. **EXISTING GREENHOUSE #1** 752 SQ. FT. **EXISTING GREENHOUSE #2** 1041 SQ. FT.

PROJECT DESCRIPTION

ARCHITECTURAL AND STRUCTURAL PLANS FOR EXISTING GREENHOUSE AND GROW-STURCTURES AS PER PLANS ATTACHED

CORRESPONDENCE

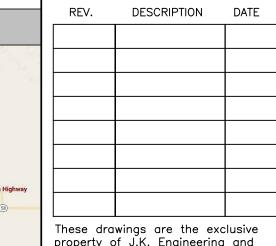
PROFESSIONAL ENGINEER JK ENGINEERING JOHN A. KUDLA 610 10TH ST, STE A PASO ROBLES, CA 93446 LIC.#: C5652 805.423.3077

DRAFTSMAN/DESIGNER JB DRAFTING & DESIGN

JOHN BUTLER 610 10TH ST. STE A PASO ROBLES, CA 93446 (805) 237-0850

VICINITY MAP

REVISION LOG



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PROJECT NO. ----FILE NAME OVERALL SITE PLAN.DWG

DRAWN BY JB II

DATE 2/5/2018 9:45 AM

SHEET TITLE:

OVERALL SITE

SHEET NUMBER:

CODE ANALYSIS

Verify Contractor's License-I Not Met 10127/2017

Fire Agency Insp Req-F Not Met 10/27/2017

Owner/Builder Verification-I Not Met 10/27/2017

D.O.S./ Safety Form-C Not Met 10/27/2017

Toxic Waste Vrf Forms-C Not Met 10/27/2017

Misc. Hold-Foundation-S Not Met 12/11/2017

Misc. Hold-Foundation-S Not Met 12/11/201

r meter scan to verify rebar placement

Misc. Hold-Framing-R Not Met 12/11/2017 provide welding inspection report

Misc. Hold-Framing-R Not Met 12/11/2017

Misc. Hold-Final-F Not Met 12/11/2017

Misc. Hold-Final-F Not Met 12/11/2017

open all electrical for inspection

AFC/ protect all asbuilt electrical

Misc. Hold-Final-F Not Met

commercial systems.

Setback Survey - S Not Met 10/24/2017

require a copy to be provided to the

Misc. Hold-Framing-R Not Met 12/11/2017

CWMP-Recycling Review-I Not Met 10/24/2017

CWMP Recycle Compliance-F Not Met 10/24/2017

requirement will prevent the finaling of your project.

Fire Sprinkler Pmt Applicatn-C Not Met 10/24/2017

You can email the receipts to Barry Tolle btolle@co.slo.ca.us

the setback requirements if lot line monuments are not available.

record deed restriction

expose structural details are required by inspector

excavate footings in 3 locations to verify depth and width

the permit being issued

Sign and date form.

Sign and date form.

Written consent of the land owner or proof of ownership is required prior to issuance of permit.

School District Clearance-I Not Met 10/27/2017 Owner must provide County School Fee Form which is

to be taken to the School District at the bottom of the form and returned with the receipt/ signed prior to

PLEASE NOTE: Fire Plan Requirements must be added to the site plan prior to resubmitting plan check

Fire Agency Must Inspect and Sign-Off on all Access, Address, Devices and Systems Prior to Final

Owner must read the Owner/Builder Notice, complete and submit the Owner/Builder Verification Form PRIOR to permit being issued - UNLESS the permit is being issued to a licensed contractor.

engineer of record to certify that the construction is consistant with the plans and the applicable codes.

A Construction Waste Management Plan will need to be submitted for your project, 75% of your construction waste will need to be recycled at an IWMA approved facility or provide the 2013 detailed

PRIOR to the final building inspection, the permittee must provide documentation to show compliance

handling and recycling receipts to the Environmental Spec. Coordinator, Barry Tolle at least 7 working days prior to requesting a Final Inspection. You can contact Barry Tolle at (805)781-5628 or fax receipts (include Permit Number) to 788-2414. Failure to provide all receipts or to achieve the 75% recycling

Please be aware that they will need to be readible and clear otherwise a printed copy will be needed.

Please allow 1-2 weeks plan check time for residential sprinkler systems and 2-4 four weeks for

A separate permit application with plans, cut sheets and hydraulic calculations for a NFPA Fire Sprinkler System for this structure must be submitted to the SLO County Building Division and APPROVED prior to issuance of this application. For Templeton, Cambria and San Miguel the fire sprinklers plan shall be

The structure is located within 5' of the minimum required setback from the property line. At foundation inspection, provide certification from a licensed land surveyor or civil engineer that the structure meets

The scale copy shall be in sufficient detail to allow the assessor to determine the square footage of the

building and, in the case of a residential building, the intended use of each room. Any change orders

made during the construction process, which require the submittal of a plan set by the property owner,

with the 75% recycling requirement. To avoid delaying Final Approval, submit ORIGINAL waste

- ALL WORK SHALL CONFORM WITH THE 2013 CBC (2012 IBC AND CALIFORNIA AMENDMENTS) 2013 CEC (2011 NEC AND CALIFORNIA AMENDMENTS) 2013 CMC (2012 IAPMO UMC AND CALIFORNIA AMENDMENTS) 2013 CPC (2012 IAPMO UPC AND CALIFORNIA AMENDMENTS) 2013 CENC AND T-24.
- 2013 CALIFORNIA GREEN BUILDING CODE 2013 CFC (2012 IFC AND CALIFORNIA AMENDMENTS)
- THESE NOTES SHALL APPLY TO ALL DRAWINGS UNLESS OTHERWISE NOTED OR SHOWN. FEATURES OF CONSTRUCTION SHOWN ARE TYPICAL AND THEY SHALL APPLY GENERALLY THROUGHOUT SIMILAR CONDITIONS. ALL OMISSIONS OR CONFLICTS BETWEEN VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND/OR GENERAL NOTES SHALL BE BROUGHT TO THE ATTENTION OF THE ARHCITECT/ ENGINEER BY THE GENERAL CONTRACTOR BEFORE PROCEEDING WITH ANY WORK SO INVOLVED.
- ALL WORK AND CONSTRUCTION METHODS AND MATERIALS SHALL COMPLY WITH ALL PROVISIONS OF THE BUILDING CODES AND OTHER RULES, REGULATIONS AND ORDINANCES GOVERNING THE CONSTRUCTION SITE. BUILDING CODE REQUIREMENTS IN ALL CASES
- RESPONSIBILITY OF ANYONE SUPPLYING LABOR AND/OR MATERIALS TO BRING TO THE ATTENTION OF THE ARCHITECT/ENGINEER ANY DISCREPANCIES OR CONFLICTS BETWEEN THE REQUIREMENTS OF THE
- PRECEDENCE OVER DRAWING SCALE OR PROPORTION. LARGE SCALE 6. DRAWINGS SHALL TAKE PRECEDENCE OVER SMALLER SCALE
- FINISHED STRUCTURE. UNLESS OTHERWISE SHOWN, THEY DO NOT INDICATE METHOD OF CONSTRUCTION. CONTRACTOR SHALL SUPERVISE AND DIRECT WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES. OBSERVATION VISITS TO THE SITE BY 7. FIELD REPRESENTATIVES OF THE ARCHITECT/ENGINEER SHALL NOT INCLUDE INSPECTIONS OF THE PROTECTIVE MEASURES OR THE CONSTRUCTION PROCEDURES REQUIRED FOR SAME, WHICH ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. ANY SUPPORT SERVICES PERFORMED BY THE ARCHITECT/ENGINEER DURING CONSTRUCTION
- INSPECTION SERVICES WHICH ARE FURNISHED BY OTHERS. THESE SUPPORT SERVICES PERFORMED SOLELY FOR THE PURPOSE OF ASSISTING IN QUALITY CONTROL AND IN ACHIEVING CONFORMANCE
- CONTRACTOR HEREBY GUARANTEES TO THE OWNER AND THE ARCHITECT/ENGINEER THAT ALL MATERIALS, FIXTURES, AND EQUIPMENT FURNISHED TO THE PROJECT ARE NEW UNLESS OTHERWISE SPECIFIED. CONTRACTOR ALSO WARRANTS THAT ALL WORK WILL BE OF GOOD QUALITY AND FREE FROM ANY FAULTS AND DEFECTS FOR A PERIOD OF ONE YEAR AFTER THE DATE OF SUBSTANTIAL COMPLETION, UNLESS A GREATER WARRANTY OR GUARANTEE IS REQUIRED BY THE PROJECT SPECIFICATIONS.
- ANYONE SUPPLYING LABOR AND/OR MATERIALS TO THE PROJECT SHALL CAREFULLY EXAMINE ALL SUBSURFACES TO RECEIVE WORK. ANY CONDITIONS DETRIMENTAL TO WORK SHALL BE REPORTED IN WRITING TO THE CONTRACTOR PRIOR TO BEGINNING WORK. COMMENCEMENT OF WORK SHALL IMPLY ACCEPTANCE OF ALL SUBSURFACES.
- 8. REFER TO ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR DEPRESSED SLABS CURB, FINISHES, TEXTURES, CLIPS, GROUNDS, ETC., NOT SHOWN ON STRUCTURAL DRAWINGS.

SITE PLAN

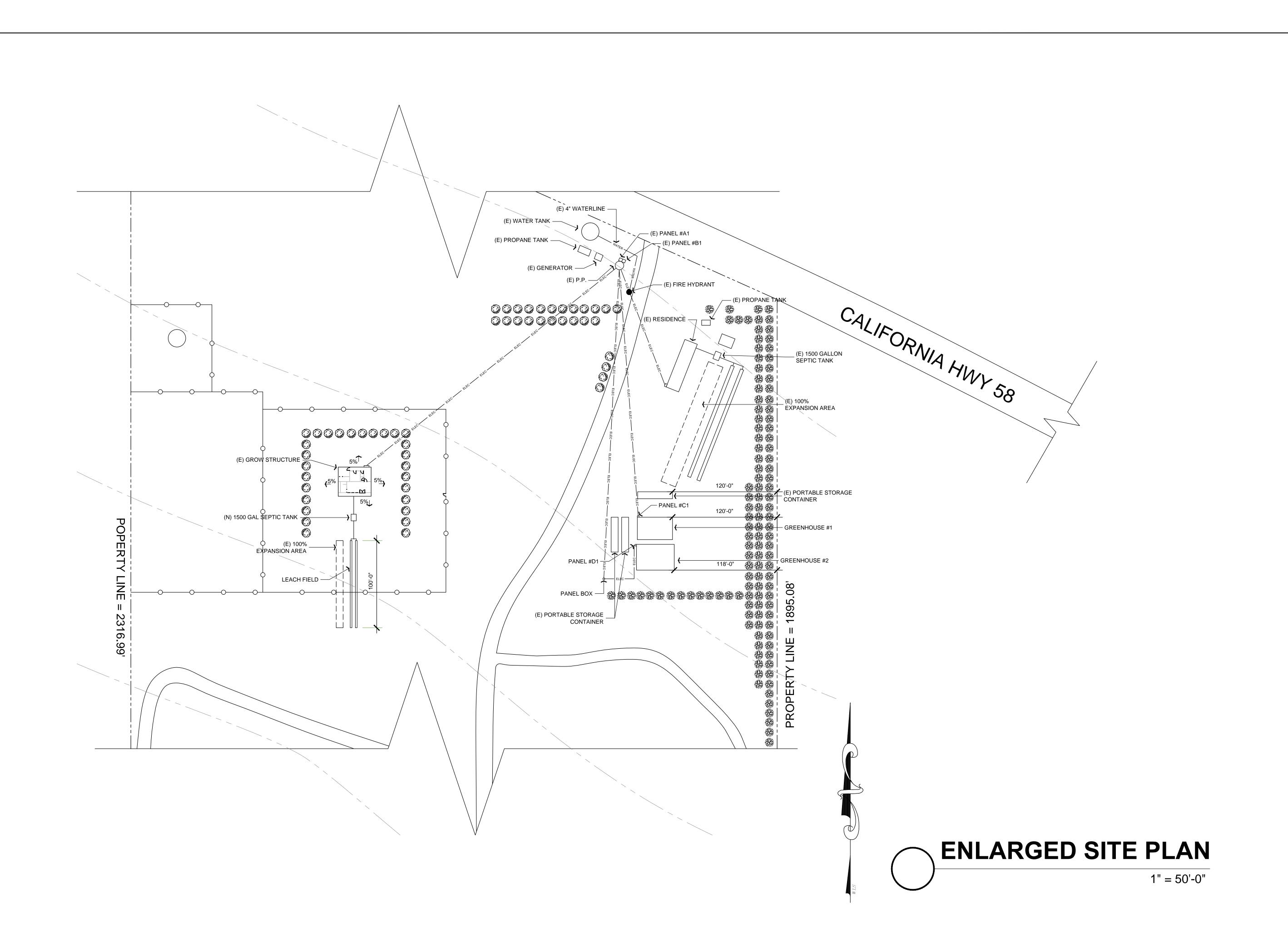
- 9. ANY MATERIALS STORED AT THE SITE SHALL BE COMPLETELY SUPPORTED FREE OF THE GROUND, COVERED AND OTHERWISE PROTECTED TO AVOID DAMAGE FROM THE ELEMENTS.
- 10. MORE DETAILED INFORMATION SHALL TAKE PRECEDENCE OVER LESSER DETAILED INFORMATION. SPECIFICATIONS SHALL TAKE PRECEDENCE OVER DRAWINGS.
- 11. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL APPLICABLE CODES AND LOCAL ORDINANCES. 12. THE CONTRACTOR AND ALL SUB-CONTRACTORS WILL BE HELD ACCOUNTABLE TO THE ABOVE GENERAL NOTES FOR THE
- 13. THE CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE OR DISBURSE ANY EXCESS MATERIAL FROM PROJECT SITE.
- PLANS OR SPECIFICATIONS SHALL BE PERMITTED UNLESS SUBMITTED TO AND APPROVED BY THE BUILDING OFFICIAL. THE ISSUANCE OF A PERMIT SHALL NOT PREVENT THE BUILDING OFFICIAL FROM REQUIRING THE CORRECTION OF ERRORS OR OMISSIONS FROM THE APPROVED PLANS AND SPECIFICATIONS. [CBC 108]

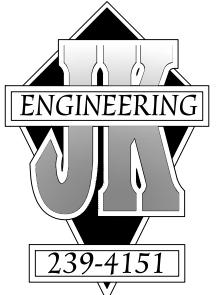
1" = 200'-0"

- 15. ALL CONTRACTORS AND SUB-CONTRACTORS MUST HAVE ON FILE WITH THE BUILDING DEPARTMENT, A LIST OF ALL SUCH CONTRACTORS AND 19. VERIFY LOCATION OF ALL UTILITY TIE-INS AT STREET AND POINT OF SUB-CONTRACTORS WITH APPROPRIATE CURRENT BUSINESS LICENSE
- 16. UNLESS NOTED OTHERWISE, ALL VESTIBULES, CLOSETS, COLUMNS, PROJECTIONS, RECESSES, OR OTHER ADJACENT AREAS WITHIN SCHEDULED AREA SHALL HAVE FINISHES AS SCHEDULED FOR THE RESPECTIVE SPACES IN WHICH THEY OCCUR.
- 17. CONTRACTOR SHALL VERIFY ALL SETBACKS, EASEMENTS, CONTOURS, AND BUILDING PAD PRIOR TO CONSTRUCTION. 18. TRUSS CALCULATIONS FOR APPROVED PROJECTS ARE REQUIRED TO
- BE ON THE JOB SITE AT TIME OF FRAMING INSPECTION WITH THE APPROPRIATE REQUIRED SIGNATURES AND STATEMENT AS FOLLOWS: TRUSS CALCULATIONS SHALL INCLUDE THE WET-STAMP AND SIGNATURE OF THE TRUSS DESIGN ENGINEER. IN ADDITION, THEY
- SHALL INCLUDE ON THE COVER SHEET A WET- SIGNED STATEMENT FROM THE PROJECT'S DESIGN ENGINEER THAT TRUSS CALCULATIONS AND LAYOUTS ARE IN SUBSTANTIAL CONFORMANCE WITH THE STRUCTURAL DESIGN AND INTENT OF THE STRUCTURE. FAILURE TO PROVIDE THEM AS STATED WILL RESULT IN A CORRECTION AND A FAILURE TO PASS FRAMING INSPECTION. [BSP]
- CONNECTIONS AT BUILDING PRIOR TO CONSTRUCTION. 20. A COPY OF SOILS REPORT SHALL BE ON SITE DURING FOUNDATION
- 21. ALL PROPERTY CORNERS SHOULD BE ESTABLISHED AT THE TIME OF
- FOUNDATION INSPECTION WITH THE MARK OF A LICENSED SURVEYOR.

GENERAL CONSTRUCTION NOTES

- TAKE PRECEDENCE OVER THE DRAWINGS. IT SHALL BE THE CODE AND THE DRAWINGS. 4. DO NOT SCALE THE DRAWINGS. DIMENSIONS SHOWN SHALL TAKE
 - 5. THE CONTRACT DRAWINGS AND SPECIFICATIONS REPRESENT THE
 - SHALL BE DISTINGUISHED FROM CONTINUOUS AND DETAILED
- WITH CONTRACT DRAWINGS AND SPECIFICATIONS, AND THEREFORE THEY DO NOT GUARANTEE CONTRACTOR'S PERFORMANCE AND SHALL NOT BE CONSTRUED AS SUPERVISION OF CONSTRUCTION.
 - CONSTRUCTION OF THE PROJECT.
 - 14. THIS SET OF PLANS TO BE ON JOB SITE AT ALL TIMES DURING CONSTRUCTION. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE APPROVED PLANS. NO CHANGES OR REVISIONS TO THE APPROVED





John A. Kudla
Civil Engineering &
Structural Design
R.C.E. #50652
610 10th ST. UNIT 'A' PASO
ROBLES, CA.

PLAN PREPARED FOR:

RICHARD BURGET 8155 CARRISA, HWY SANTA MARGARITA, CA

REVISION LOG

REV.	DESCRIPTION	DATE						
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PROJECT NO. ----

FILE NAME A-1.2 ENLARGED SITE PLAN.DWG
DRAWN BY JB II

DRAWN BY JB II

DATE 2/5/2018 9:4

SHEET TITLE:

ENLARGED SITE PLAN

SHEET NUMBER:

A-1.2

7'-8 1/2"

11'-11 1/2"

1/4" = 1'



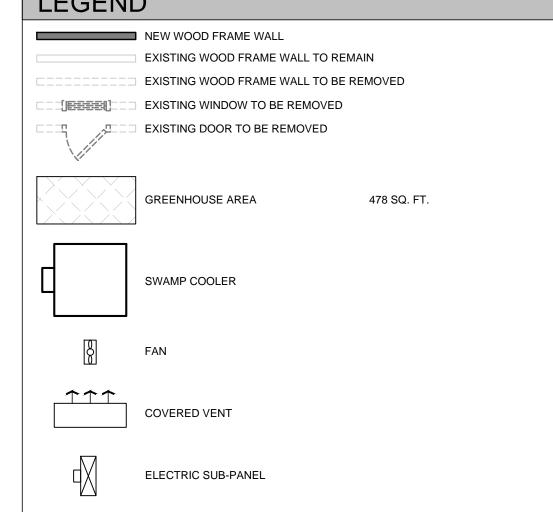
1. NEW 50A PANEL#2 WITH UFER GROUND. SEE SINGLE LINE DIAGRAM SHEET E-1.1

ELECTRICAL NOTES

THE NATIONAL ELECTRIC CODE STATES THAT THERE MUST BE A DISCONNECT SWITCH WITHIN SIGHT OF ALL APPLIANCES IF THE CIRCUIT BREAKER IS NOT CAPABLE OF BEING LOCKED IN THE OPEN POSITION. (ELECTRICAL CONTRACTOR TO VERIFY IF DISCONNECT SWITCH IS REQUIRED). DISCONNECT MARKING. THE DISCONNECTING MEANS SHALL BE MARKED "FIRE PUMP DISCONNECTING MEANS." THE LETTERS SHALL BE AT LEAST 25 MM (L IN.) IN HEIGHT, AND THEY

SHALL BE VISIBLE WITHOUT OPENING ENCLOSURE DOORS OR COVERS.
CONTROLLER MARKING. A PLACARD SHALL BE PLACED ADJACENT TO THE FIRE PUMP CONTROLLER, STATING THE LOCATION OF THIS DISCONNECTING MEANS AND THE LOCATION OF THE KEY (IF THE DISCONNECTING MEANS IS LOCKED).

LEGEND



239-4151

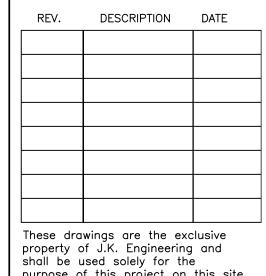
John A. Kudla Civil Engineering & Structural Design R.C.E. #50652

610 10th ST. UNIT 'A' PASO ROBLES, CA.

SWAMP COOLER TEMPERATURE CONTROLLER

ELECTRIC TIMER (MODEL-T101)

REVISION LOG



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PROJECT NO. ----

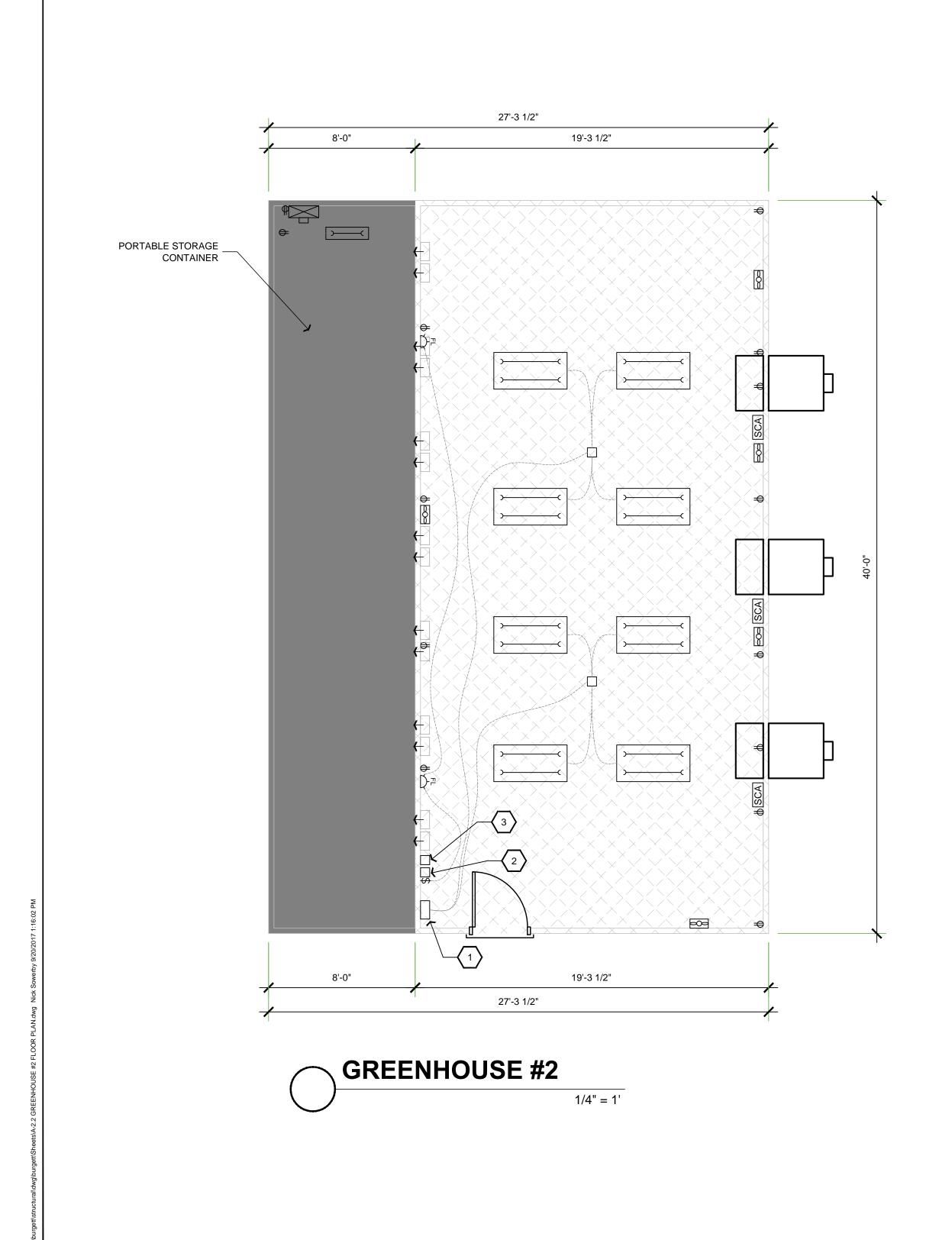
FILE NAME GREENHOUSE #1 FLOOR PLAN.DWG

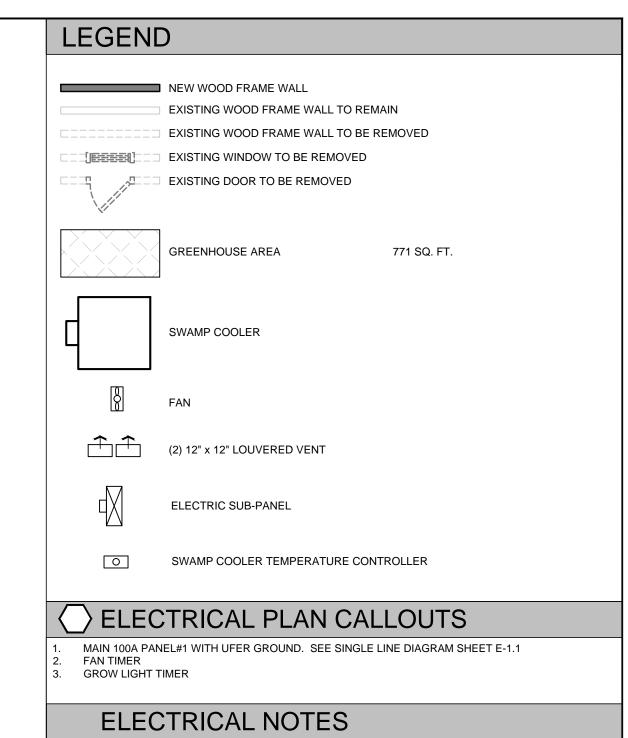
DRAWN BY JB II DATE 2/5/2018 9:45 AM

SHEET TITLE:

GREENHOUSE #1 FLOOR PLAN

SHEET NUMBER:





THE NATIONAL ELECTRIC CODE STATES THAT THERE MUST BE A DISCONNECT SWITCH WITHIN SIGHT OF ALL APPLIANCES IF THE CIRCUIT BREAKER IS NOT CAPABLE OF BEING LOCKED IN THE OPEN POSITION. (ELECTRICAL CONTRACTOR TO VERIFY IF DISCONNECT SWITCH IS REQUIRED). DISCONNECT MARKING. THE DISCONNECTING MEANS SHALL BE MARKED "FIRE PUMP DISCONNECTING MEANS." THE LETTERS SHALL BE AT LEAST 25 MM (L IN.) IN HEIGHT, AND THEY

SHALL BE VISIBLE WITHOUT OPENING ENCLOSURE DOORS OR COVERS. CONTROLLER MARKING. A PLACARD SHALL BE PLACED ADJACENT TO THE FIRE PUMP CONTROLLER, STATING THE LOCATION OF THIS DISCONNECTING MEANS AND THE LOCATION OF THE KEY (IF THE DISCONNECTING MEANS IS LOCKED).

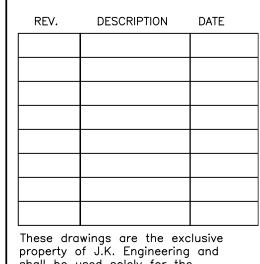
ROOM SCHEDULE AREA NOTES 101 GREENHOUSE 771 SQ. FT. EX. 102 PORT. STORAGE 320 SQ. FT. EX.

239-4151

John A. Kudla Civil Engineering & Structural Design R.C.E. #50652 610 10th ST. UNIT 'A' PASO ROBLES, CA.

58 93453

REVISION LOG



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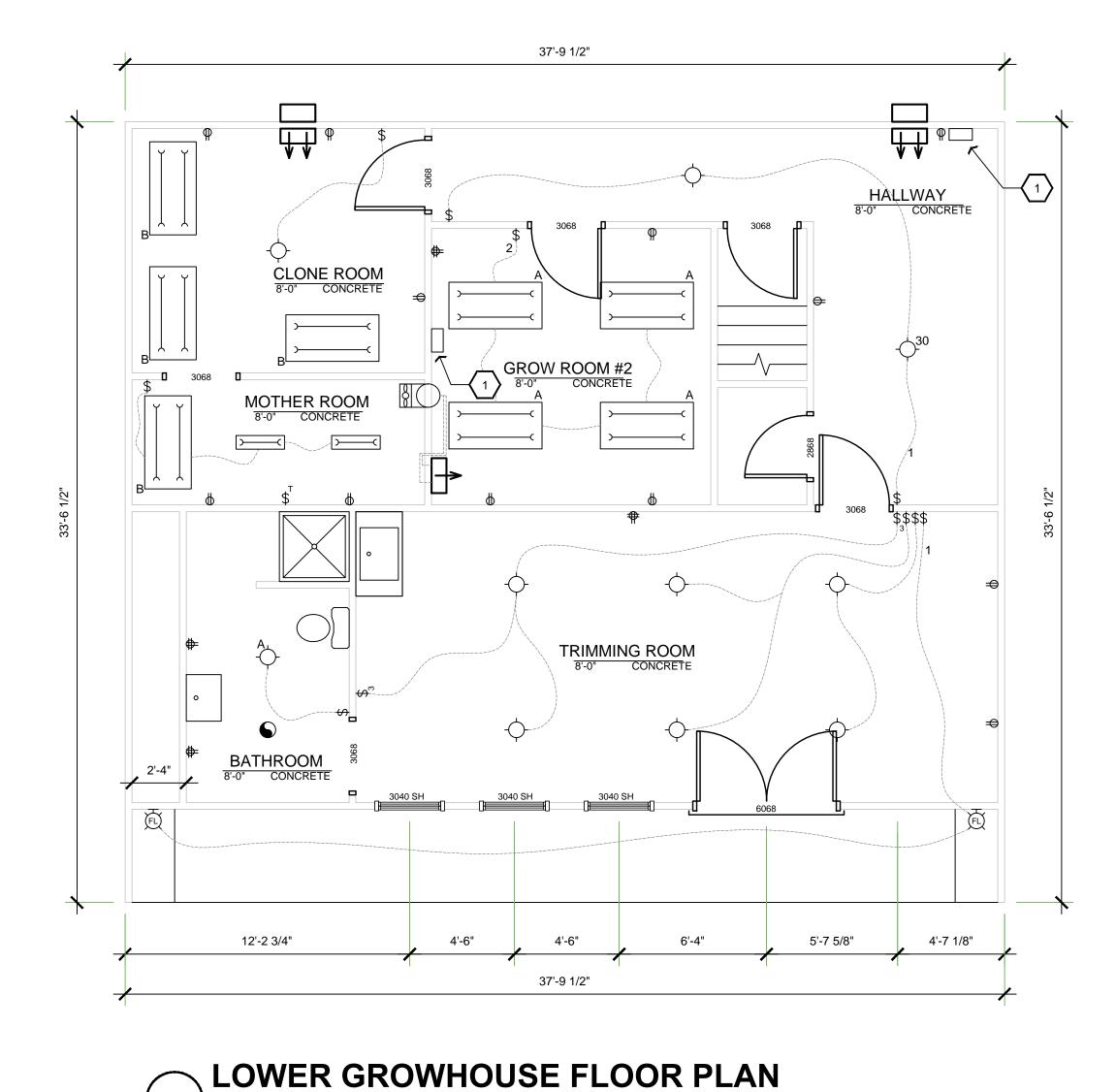
PROJECT NO. ----

FILE NAME A-2.2 GREENHOUSE #2 FLOOR PLAN.DWG
DRAWN BY JB II

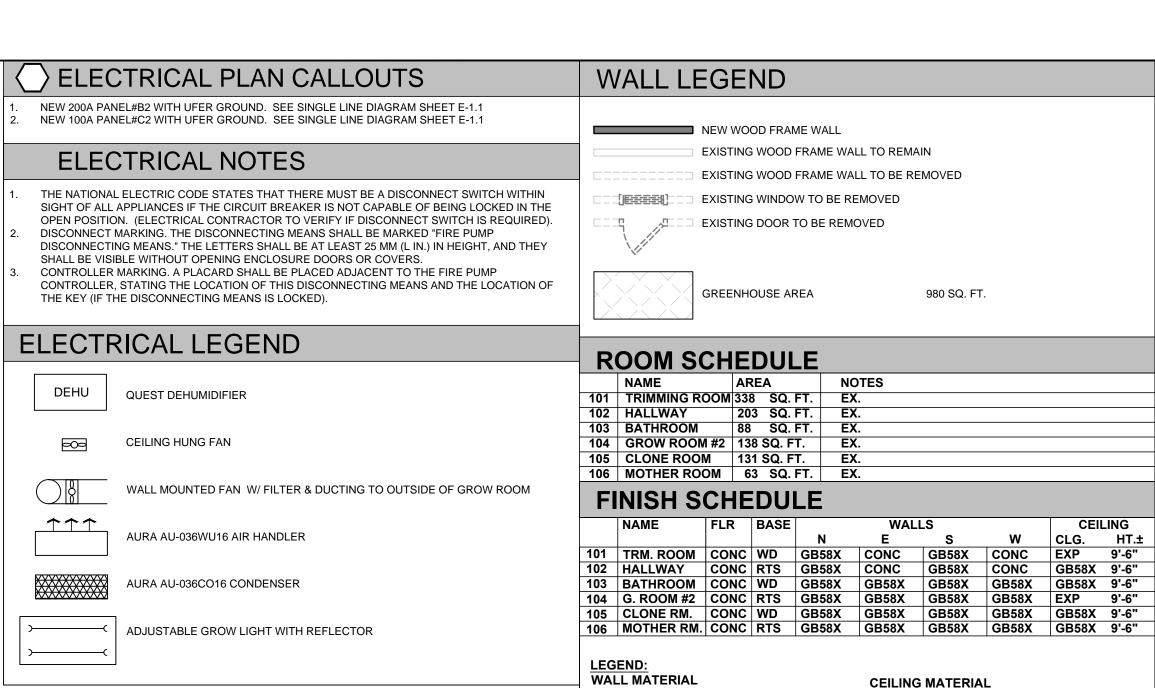
DATE 2/5/2018 9:45 AM SHEET TITLE:

GREENHOUSE #2 FLOOR PLAN

SHEET NUMBER:



1/4" = 1'



CEILING MATERIAL GB58X 5/8" TYPE X GYP. BD.

GB58X $\frac{5}{8}$ " TYPE X GYP. BD. GB58XM %" MST. RST. TYPE X GYP. BD. GB58XM %" MST. RST. TYPE X GYP. BD. BRICK EXISTING BRICK WALL EXP EXPOSED STRUCTURE

BASE MATERIAL WOOD RUBBER TOP SET **QUARRY COVE PORCELAIN COVE EPOXY COVE**

VYN **VYNIL** CARPET CONC CONCRETE EPX **EPOXY EPX** WD WOOD

FLOOR MATERIAL

PORCELAIN TILE

1. ALL GYP. BD. ADJACENT TO LIVING AREAS TO EXTEND TO ROOF SHEATHING 2. WALL AND CEILING MATERIAL SHALL NOT EXCEED THE FLAME SPREAD

CLASSIFICATION IN CBC TABLE 803.9

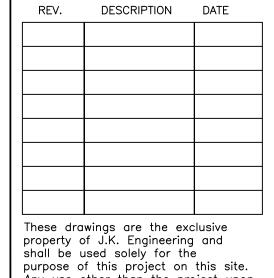
239-4151

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ROBLES, CA.

93453

REVISION LOG



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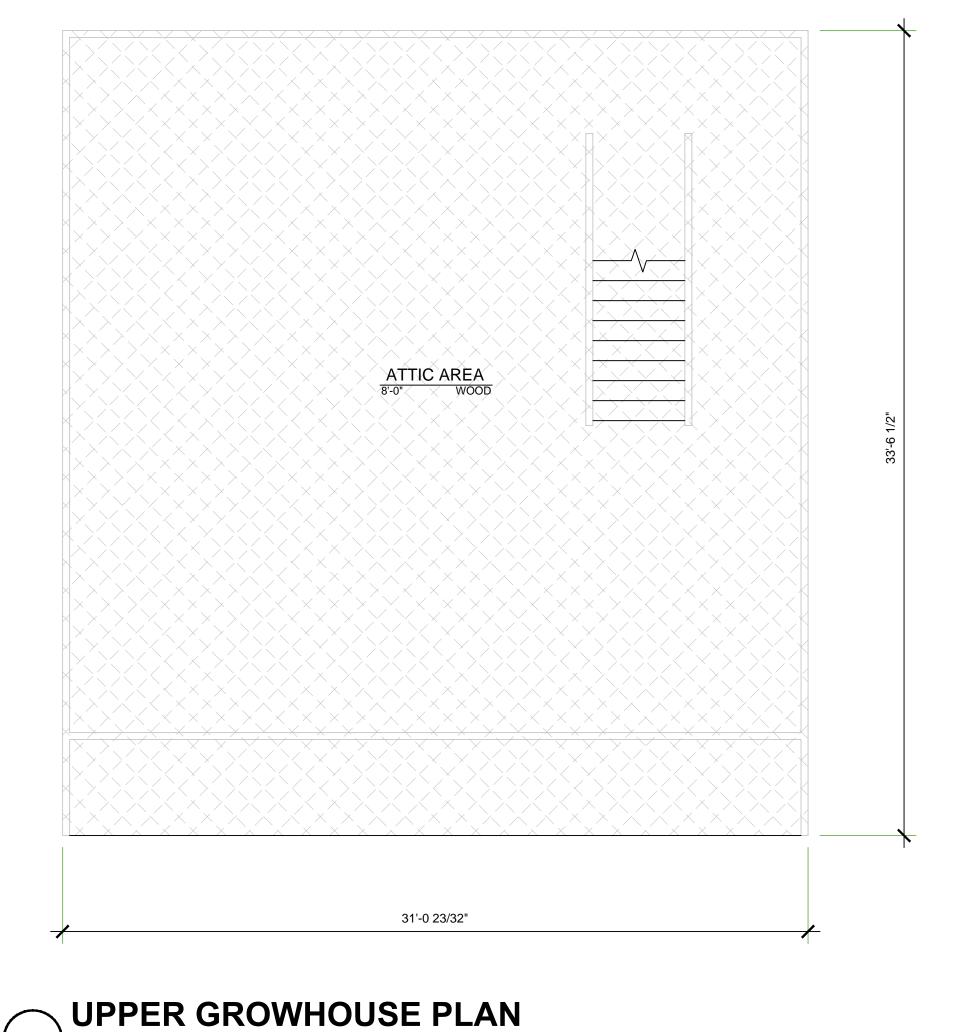
PROJECT NO. ----FILE NAME A-2.3 GROWHOUSE FLOOR PLAN.DWG

DRAWN BY JB II DATE 2/5/2018 9:45 AM

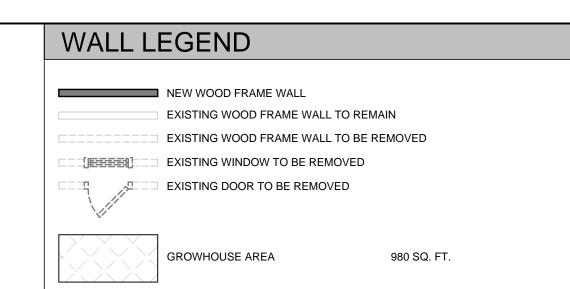
SHEET TITLE:

GROWHOUSE LOWER FLOOR PLAN

SHEET NUMBER:



1/4" = 1'



ROOM SCHEDULE NAME AREA NOTES
101 ATTIC AREA 1000 SQ. FT. EX.

FINISH SCHEDULE CEILING
 N
 E
 S
 W
 CLG.
 HT.±

 101
 ATTIC AREA
 WD
 WD
 GB58X
 METAL
 GB58X
 METAL
 EXP
 6'-6"
 <u>LEGEND:</u> WALL MATERIAL

CEILING MATERIAL

GB58XM %" TYPE X GYP. BD. GB58X %" TYPE X GYP. BD. GB58XM %" MST. RST. TYPE X GYP. BD. GB58XM %" MST. RST. TYPE X GYP. BD. EXP FXPOSED STRUCTURE FLOOR MATERIAL

BASE MATERIAL PORCELAIN TILE WOOD RUBBER TOP SET VYN VYNIL CP CARPET **QUARRY COVE** CONC CONCRETE PORCELAIN COVE EPX **EPOXY EPX EPOXY COVE** WD WOOD

NOTES:

1. ALL GYP. BD. ADJACENT TO LIVING AREAS TO EXTEND TO ROOF SHEATHING 2. WALL AND CEILING MATERIAL SHALL NOT EXCEED THE FLAME SPREAD CLASSIFICATION IN CBC TABLE 803.9

239-4151

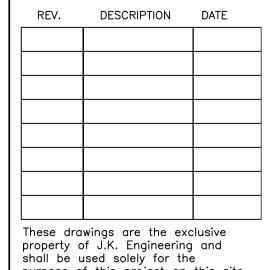
John A. Kudla Civil Engineering & Structural Design R.C.E. #50652 610 10th ST. UNIT 'A' PASO

FOR:

ROBLES, CA.

58 93453 BUR 8155 CARRISA, F ANTA MARGARITA

REVISION LOG



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PROJECT NO. ----

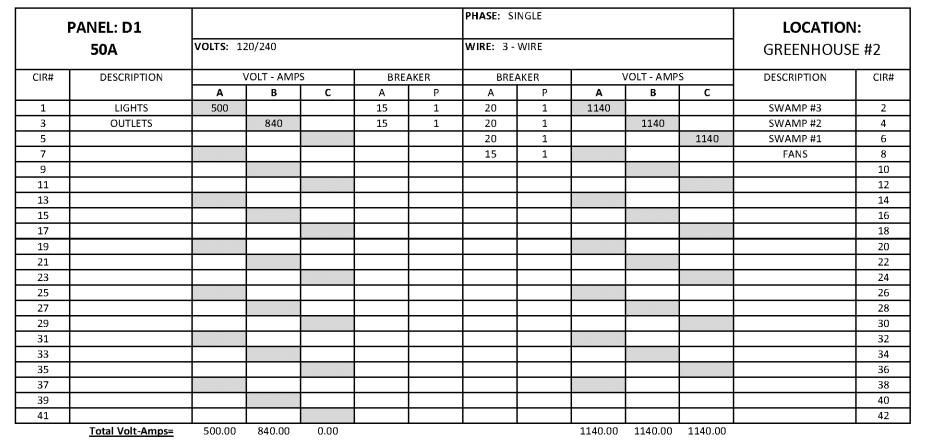
FILE NAME A-2.4 GROWHOUSE UPPER FLOOR PLAN.DWG
DRAWN BY JB II DATE

2/5/2018 9:46 AM

SHEET TITLE:

GROWHOUSE **UPPER FLOOR** PLAN

SHEET NUMBER:



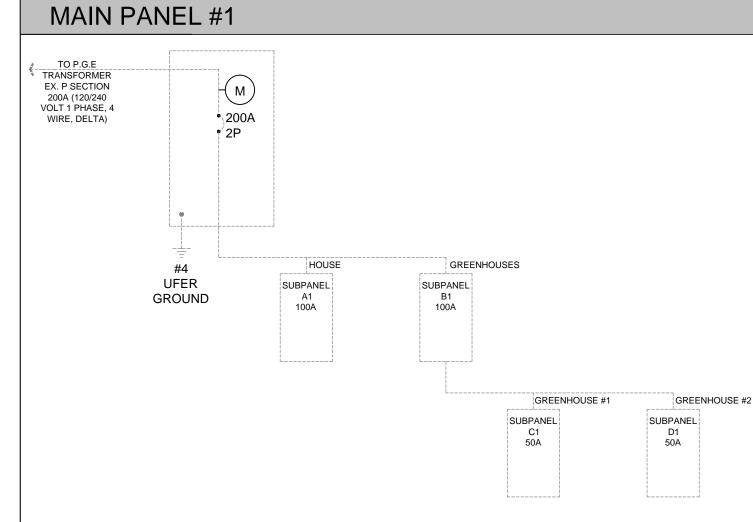
PANEL: A1 100A		VOLTS: 1	VOLTS: 120/240						PHASE: SINGLE WIRE: 3 - WIRE					
CIR#	DESCRIPTION	,	BRE	AKER	BREAKER		VOLT - AMPS			DESCRIPTION	CIR#			
		Α	В	С	Α	Р	Α	Р	Α	В	С			
1					20	1	20	1					2	
3					20	1	20	1					4	
5					20	1	20	1					6	
7					20	1	20	1					8	
9					20	1	20	1					10	
11					20	1	20	1					12	
13					20	1	20	1					14	
15					30	2	20	1					16	
17					30	2	20	1					18	
19					15	3	30	2					20	
21					15	3	30	2					22	
23					15	3	20	1					24	
25													26	
27													28	
29													30	
31													32	
33													34	
35													36	
37													38	
39													40	
41													42	

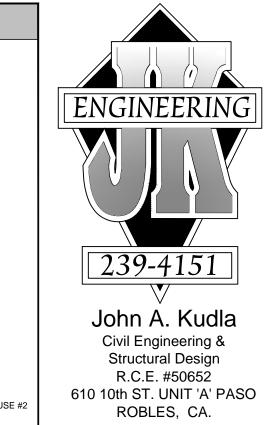
PHASE: SINGLE

WIRE: 3 - WIRE

1 40 2 1 40 2

1500.00 5100.00 3600.00





58 93453

ANTA MARGARITA

S

 Total Volt-Amps=
 4760.00

 Total Load Amps=
 20

Total Volt-Amps= 13200.00

Total Load Amps= 55

Total Volt-Amps=	0.00
Total Load Amns=	Ω

PANEL: B1

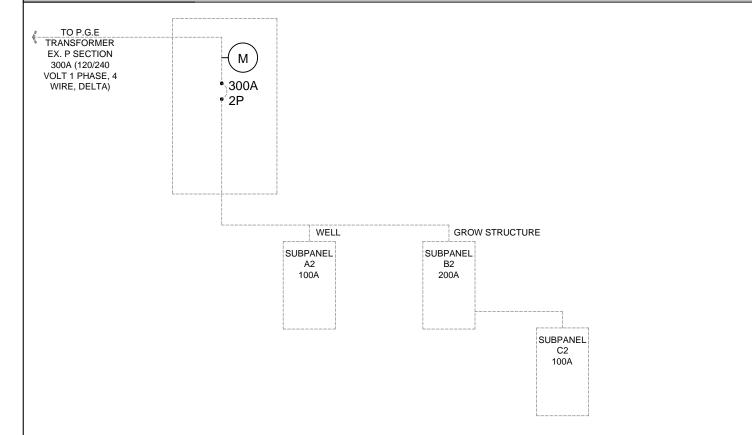
1 PANEL C1

11 13

15 17

PANEL D1

MAIN PANEL #2



I	PANEL: B2 200A	VOLTS: 12	20/240				PHASE: S WIRE: 3 -				LOCATION: GROW SRUCTURE		
CIR#	DESCRIPTION	1	VOLT - AMP	S	BREA	AKER	BRE	AKER	١	/OLT - AMP	S	DESCRIPTION	CIR#
		Α	В	С	Α	Р	Α	Р	Α	В	С		
1	LIGHTS	1500			15	1	60	2	3000			OUTLETS/LIGHTS	2
3	LIGHTS		1200		15	1	60	2		3000		OUTLETS/LIGHTS	4
5													6
7	OUTLETS	1500			60	2	20	1	1500			PUMP	8
9	OUTLETS		1500		60	2	20	1					10
11													12
13					15	1	15	1					14
15					20	1	20	1					16
17													18
19					15	1	20	1					20
21					20	1	20	1					22
23													24
25					15	1	20	1					26
27					15	1	20	1					28
29													30
31													32
33													34
35												·	36
37													38
39													40
41													42
	Total Volt-Amps=	3000.00	2700.00	0.00					4500.00	3000.00	0.00		

 Total Volt-Amps=
 3600.00
 3600.00
 0.00

 Total Volt-Amps=
 17400.00

 Total Load Amps=
 73

		_	TRANS EX. P S 300A
LOCATIO	N:		VOLT 1 WIRE,
GREENHOUSE	MSTR.		
DESCRIPTION	CIR#		
LIGHTS	2	1	
FANS	4		
	6		
	8		
PANEL D1	10		
PANEL D1	12		
	14		
	16		
	18		
	20		
	22		
	24		
	26		
	28		
	30		
	32		
	34		
	36		
	38		
	40		
	42	1	

	SINGLE	LINE	DIAGRAM
(

F	PANEL: C2 100A	VOLTS: 12	20/240				PHASE: S WIRE: 3 -				LOCATION: GROW STRUCTURE		
CIR#	DESCRIPTION	1	VOLT - AMP	'S	BRE	AKER	BREAKER VOLT - AN		VOLT - AMP	'S	DESCRIPTION	CIR#	
		Α	В	С	Α	Р	Α	Р	Α	В	С		
1							20	1	3000			LIGHTS	2
3	OUTLETS		1200		20	1	20	1		3000		LIGHTS	4
5	OUTLETS			1200	15	1							6
7	OUTLETS	1200			15	1							8
9													10
11													12
13													14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
													

3000.00 3000.00 0.00

 Total Volt-Amps=
 1200.00
 1200.00
 1200.00

 Total Volt-Amps=
 9600.00

 Total Load Amps=
 40

P	PANEL: C1						PHASE: SI	NGLE				LOCATION:		
	50A	VOLTS: 1	20/240				WIRE: 3-	WIRE				GREENHOUSE #1		
CIR#	DESCRIPTION	,	VOLT - AMP	PS	BRE	AKER	BREA	AKER	1	/OLT - AMP	S	DESCRIPTION	CIR#	
		Α	В	С	Α	Р	Α	Р	Α	В	С			
1	FANS	840			15	1	15	1	1140			SWAMP #1	2	
3	LIGHTS		500		15	1	15	1		1140		SWAMP #2	4	
5							15	1			1140	SWAMP #3	6	
7													8	
9													10	
11													12	
13													14	
15													16	
17													18	
19													20	
21													22	
23													24	
25													26	
27													28	
29													30	
31													32	
33													34	
35													36	
37													38	
39													40	
41	Total Volt-Amps=	840.00	500.00	0.00					1140.00	1140.00	1140.00		42	

 Total Volt-Amps=
 4760.00

 Total Load Amps=
 20

PANEL SCHEDULES

REV. DESCRIPTION DATE

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REVISION LOG

PROJECT NO. ---
FILE NAME E-1.1 ELECTRICAL PLAN.DWG

DRAWN BY JB II

DRAWN BY JB II

DATE 2/5/2018 9:46 AM

SHEET TITLE:

ELECTRICAL PLAN

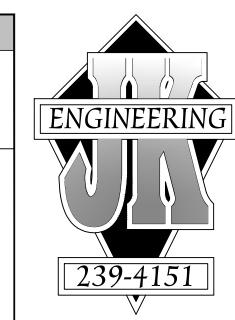
SHEET NUMBER:

E-1.1

♦ ELEVATION CALLOUTS

- TRANSLUCENT POLY CARBONATE PANELS OVER RAFTERS
 TRANSLUCENT POLY CARBONATE PANELS OVER WOOD STUDS
 HARDIPLANK SIDING OVER APPROVED MOISTER BARRIER

- METAL STORAGE CONTAINER
 SLOPE AWAY FROM BUILDING 5% FOR 10'-0" MINIMUM (TYP)



John A. Kudla Civil Engineering & Structural Design R.C.E. #50652 610 10th ST. UNIT 'A' PASO ROBLES, CA.

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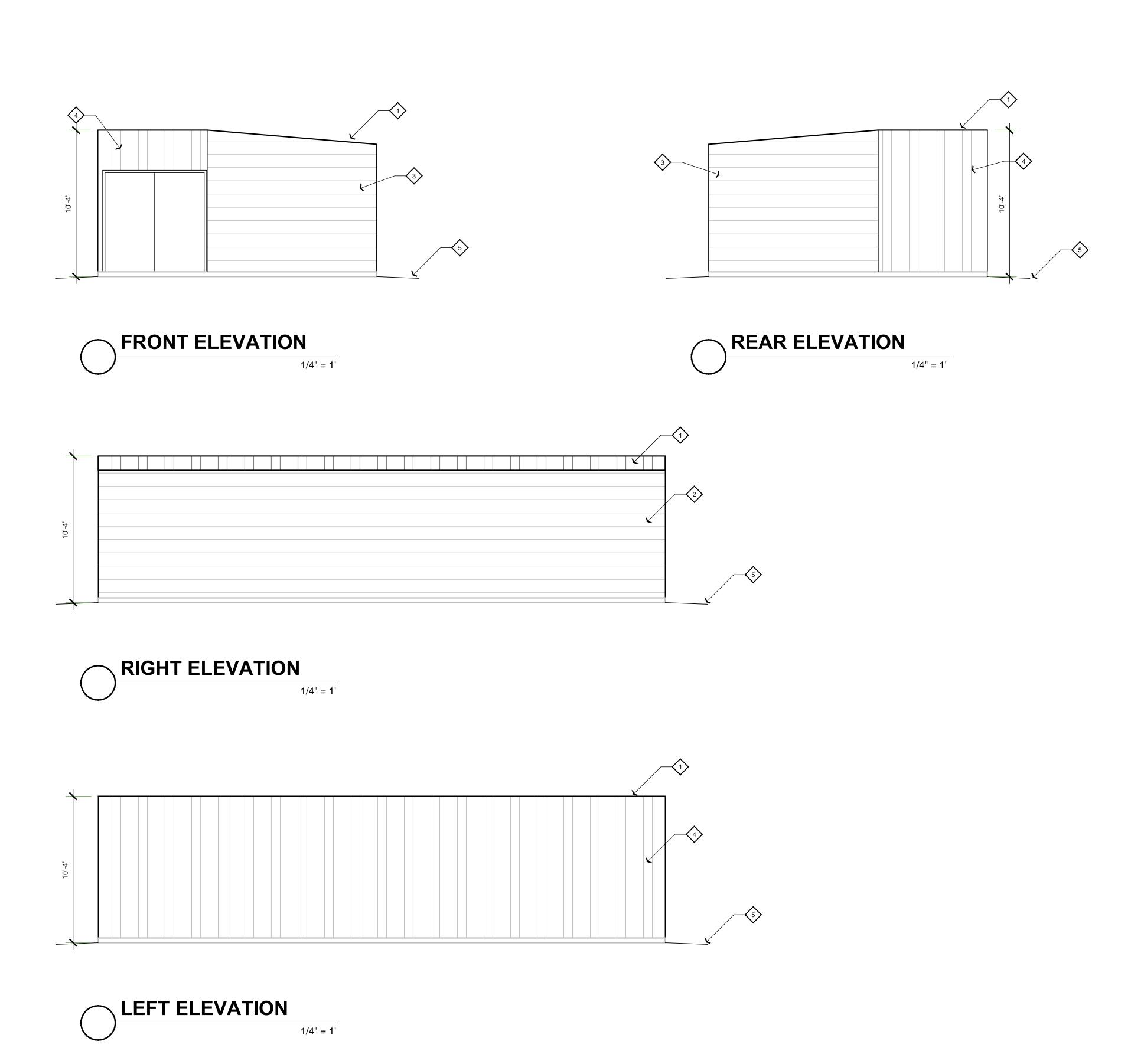
PROJECT NO. ----

FILE NAME A-3.1 GREENHOUSE #1 ELEVATIONS.DWG DRAWN BY JB II

DATE 2/5/2018 9:46 AM SHEET TITLE:

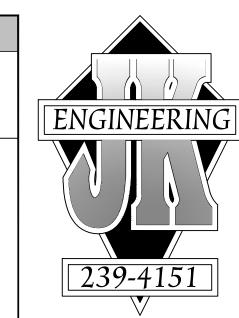
GREENHOUSE **#1 ELEVATIONS**

SHEET NUMBER:



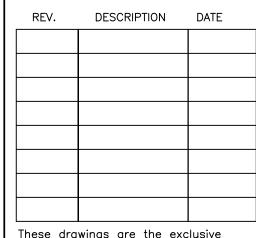
♦ ELEVATION CALLOUTS

- TRANSLUCENT POLY CARBONATE PANELS OVER 30# MINIMUM ROOFING FELT (TYP)
 TRANSLUCENT POLY CARBONATE PANELS OVER WOOD STUDS
- METAL STORAGE CONTAINER
 SLOPE AWAY FROM BUILDING 5% FOR 10'-0" MINIMUM (TYP)



John A. Kudla
Civil Engineering &
Structural Design
R.C.E. #50652 610 10th ST. UNIT 'A' PASO ROBLES, CA.

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PROJECT NO. ----

FILE NAME A-3.2 GREENHOUSE #2 ELEVATIONS.DWG DRAWN BY JB II

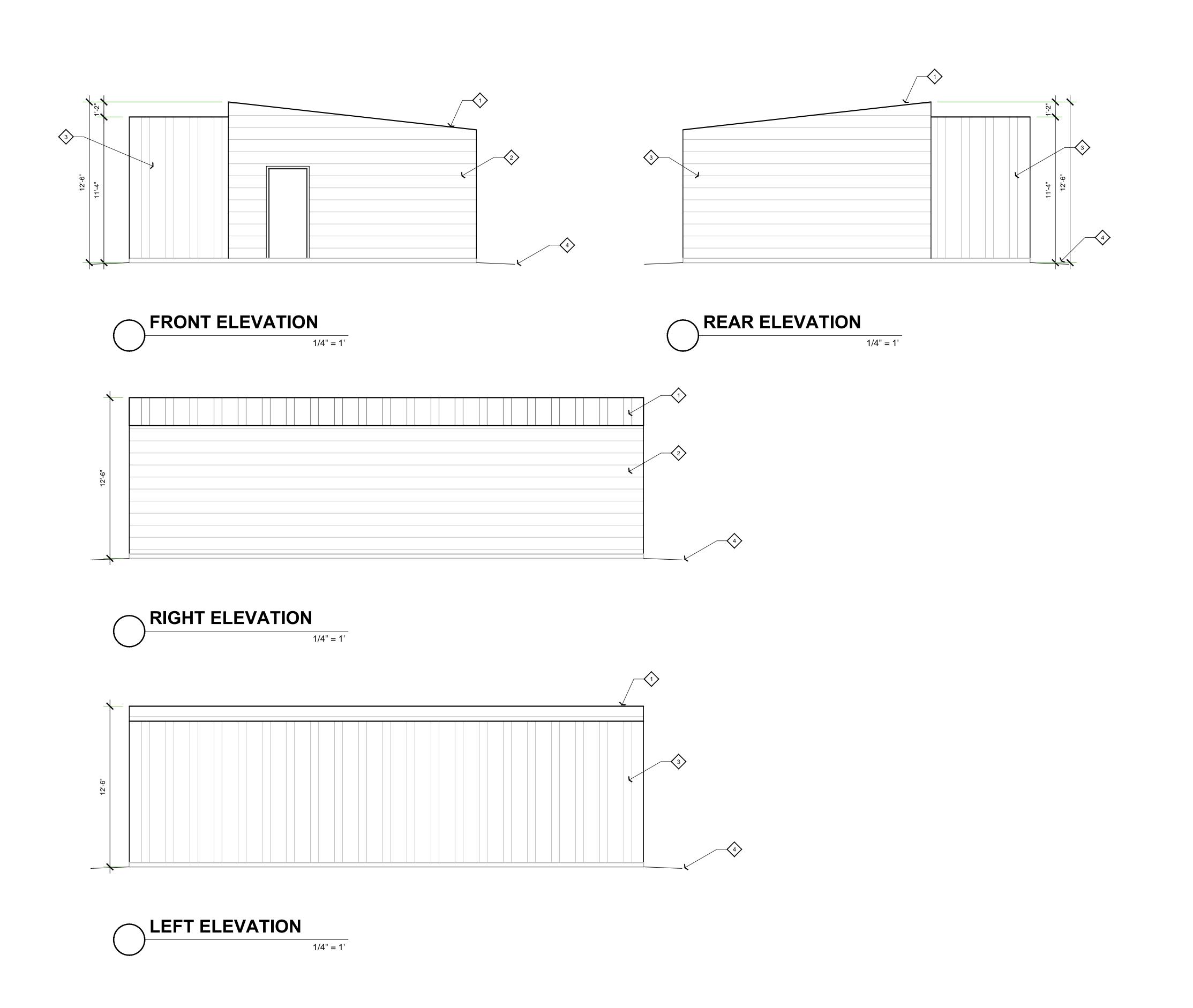
DATE 2/5/2018 9:46 AM

SHEET TITLE: GREENHOUSE

#2 ELEVATIONS

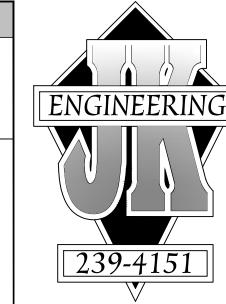
SHEET NUMBER:

A-3.2



♦ ELEVATION CALLOUTS

- COVERED METAL STRUCTURE
 HARDIPLANK SIDING OVER APPROVED MOISTER BARRIER
 2X TRIM AROUND ALL DOORS AND WINDOWS AND AT ALL CORNERS (TYP)
 SLOPE AWAY FROM BUILDING 5% FOR 10'-0" MINIMUM (TYP)



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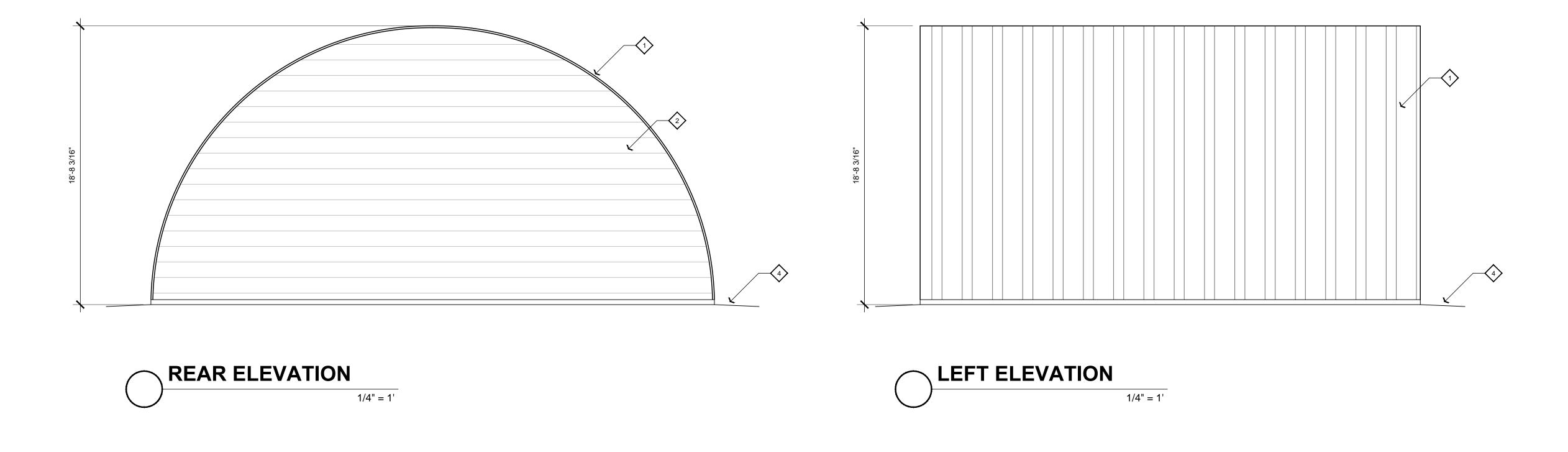
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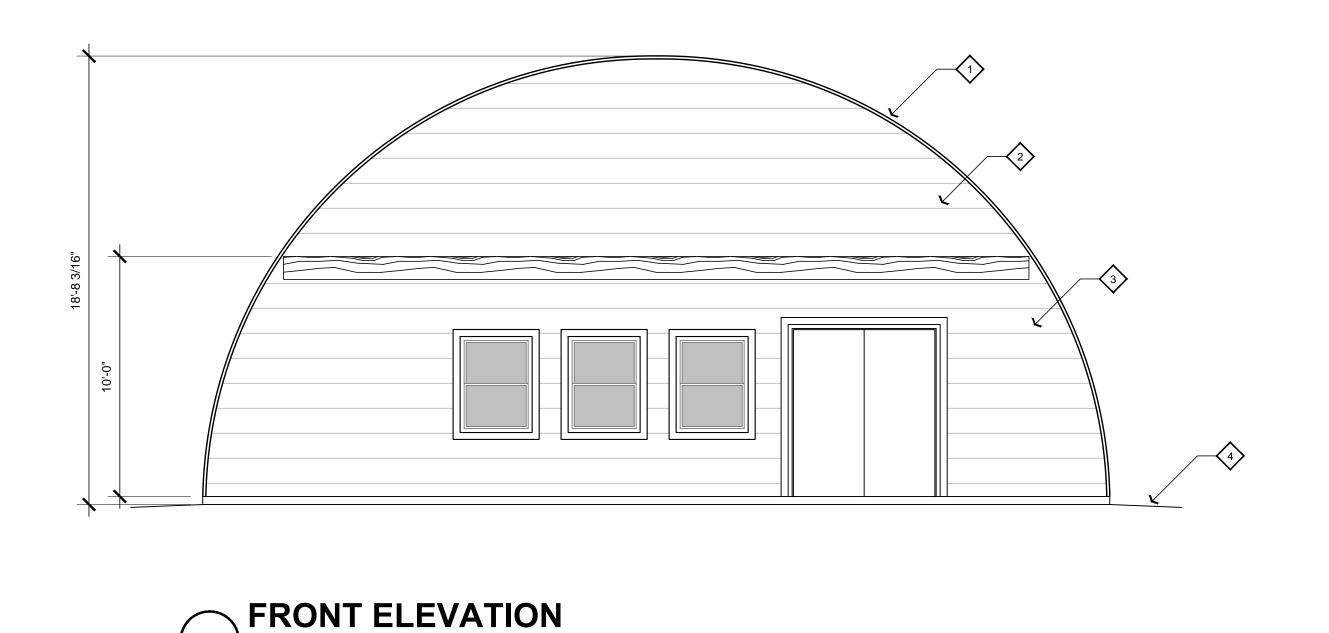
FILE NAME A-3.3 GROWHOUSE ELEVATIONS.DWG

DRAWN BY JB II DATE 2/5/2018 9:46 AM

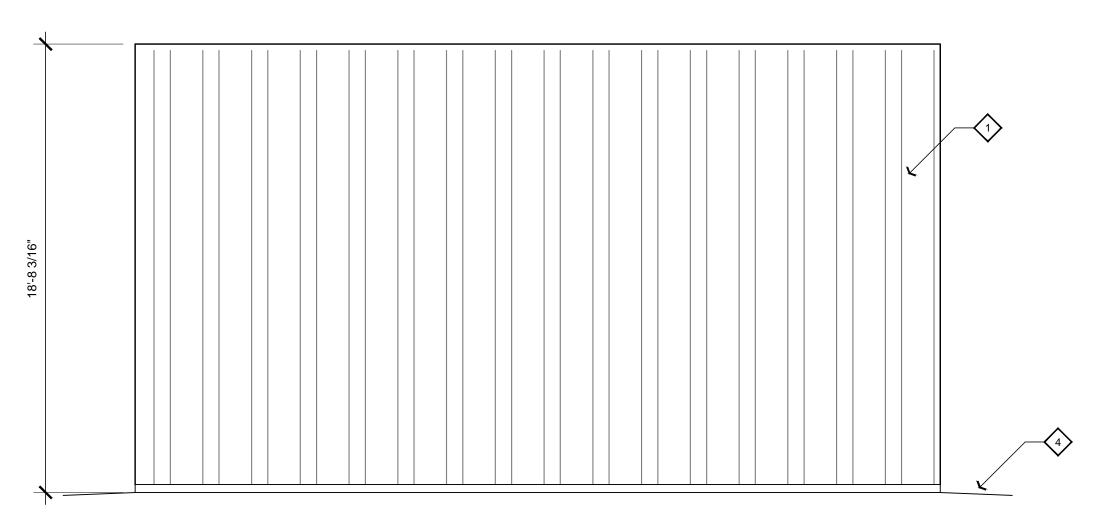
GROWHOUSE ELEVATIONS

A-3.3





1/4" = 1'



RIGHT ELEVATION 1/4" = 1'

GREENHOUSE #1 FOUNDATION PLAN

1/4" = 1'

FOUNDATION NOTES

- 1. CONCRETE TO WITHSTAND 2500 PSI WITHIN 28 DAYS
- 2. REFER TO FRAMING PLAN FOR EXACT PLACEMENT OF HOLDOWNS 3. ALL HOLDOWNS TO BE PLACED IN CONCRETE PRIOR TO INSPECTION
- 4. FOUNDATION EXCAVATIONS SHOULD BE OBSERVED BY THE GEOTECH ENGINEER OF RECORD AFTER EXCAVATION, BUT PRIOR TO PLACING REINFORCING STEEL OR FORMS
- 5. ALL CONSTRUCTION DIMENSIONS SHOULD BE VERIFIED WITH THE
- ARCHITECTURAL SET OF PLANS 6. INTERIOR, NON-BEARING, NON-SHEAR WALLS SHALL BE ANCHORED WITH HILTI SHOT PINS (ESR# 2379) @ 24" O/C MAX TO SLABS OR NAILED WITH 16d @ 12" O/C MAX TO WOOD FLOORS. ANCHORS SHALL BE CENTERED ON PLATE

SOIL NOTE

SOILS EXPANSION INDEX IS ASSUMED LOW REPORT:

DATED:

CONCRETE NOTE

CONCRETE SLAB SHALL BE 4" THICK MINIMUM WITH #3 BARS @ 18" O/C. EACH WAY OVER 2" CLEAN COMPACTED FREE DRAINING SAND OVER A VAPOR RETARDER CONFORMING TO ASTM E 1643-11 (10 MIL VISQUEEN OR APPROVED EQUAL) . VAPOR RETARDER TO BE PLACED OVER 6" CLEAN FREE DRAINING MATERIAL. SET REINFORCEMENT AT MID DEPTH OF SLAB. FOOTINGS SHALL BE DIMENSIONED AND REINFORCED PER TABLE BELOW, UNLESS NOTED OTHERWISE ON FOUNDATION PLANS. DEPTH OF FOOTINGS SHALL BEGIN AT COMPETENT MATERIAL, WHICH MAY NOT BE THE SAME AS FINISHED GRADE. REINFORCEMENT SHALL BE CONTINUOUS TOP AND BOTTOM. USE #3 REINFORCEMENT BAR SET 3" MINIMUM ABOVE BOTTOM OF FOOTING AND BENT 3'-0" MINIMUM INTO SLAB.

PREMOISTENING CONTROL FOR SOILS UNDER FOOTINGS AND SLABS SHALL BE TO 120% OF OPTIMUM MOISTURE CONTENT TO A DEPTH OF 21" BELOW LOWEST GRADE. TESTING REQUIRED. AFTER PREMOISTENING, THE SPECIFIED MOISTURE CONTENT OF THE SOILS SHALL BE MAINTAINED UNTIL CONCRETE IS PLACED. REQUIRED MOISTURE CONTENT SHALL BE VERIFIED BY

AN APPROVED TESTING LABORATORY NOT OF CONCRETE. CONCRETE SLABS SHALL BE SAW CUT 3/4" DEEP @ 15' O/C. GRIDS WITHIN 24 HOURS OF SLAB POUR.

FTG DIMENSIONS & REINFORCEMENT MORE THAN 24 HOURS PRIOR TO PLACEMENT NO. STORIES WIDTH, W DEPTH, TH BARS TOP BARS BOT

EPOXY HOLDOWN NOTE

HOLDDOWNS PER PLANS TO (E) CONCRETE, DRILL 3/4"ø HOLE. USE 5/8"ø ALL THREAD ROD W/ 8" EMBEDMENT INTO CONCRETE. THOROUGHLY CLEAN OUT HOLES W/ COMPRESSED AIR & NYLON BRUSH. VERIFY HOLES ARE CLEAN & DRY PRIOR TO STRUCTURAL OBSERVATION BY J.K. ENGINEERING. SECURE WITH SIMPSON SET-XP EPOXY.

ADDITIONAL SILL BOLTS IN EXISTING CONCRETE. USE $\frac{5}{8}$ "ø x 4" MIN. EMBEDMENT INTO CONCRETE. REDHEADS W/ 3" x 3" x 0.229" FLAT PLATE WASHERS, BOLT SPACING PER SHEARWALL SCHEDULE.

FOUNDATION DESIGN SOIL VALUES

BEARING = 1000 psf, ASSUMED EXP. INDEX = MED, ASSUMED

*No On-site investigation performed by Struct. Eng'r.

REFER TO THE "GENERAL SPECIFICATIONS FOR SOILS, FOUNDATIONS, CONCRETE AND REINFORCING" NOTES PROVIDED FOR ADDITIONAL SPECIFICATIONS TO BE PART OF THE FOUNDATION DRAWING PACKAGE.

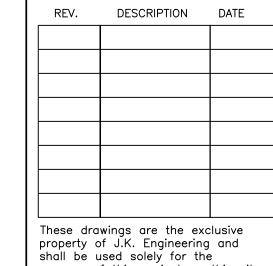
PAD CERTIFICATION REQ'D

A SOIL or CIVIL ENGINEER TO DETERMINE GRADING PERFORMED IS IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED PLANS AND IS SUITABLE TO SUPPORT THE INTENDED STRUCTURE(s).

John A. Kudla Civil Engineering & Structural Design R.C.E. #50652 610 10th ST. UNIT 'A' PASO

ROBLES, CA.

REVISION LOG



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PROJECT NO. ----

FILE NAME S-1.1 GREENHOUSE #1 FOUNDATION PLAN.DWG

DRAWN BY JB II DATE 2/5/2018 9:46 AM

SHEET TITLE:

GREENHOUSE FOUNDATION PLAN

SHEET NUMBER:

S-1.1

GREENHOUSE #2 FOUNDATION PLAN 1/4" = 1'

FOUNDATION NOTES

- CONCRETE TO WITHSTAND 2500 PSI WITHIN 28 DAYS
 REFER TO FRAMING PLAN FOR EXACT PLACEMENT OF HOLDOWNS 3. ALL HOLDOWNS TO BE PLACED IN CONCRETE PRIOR TO INSPECTION
- 4. FOUNDATION EXCAVATIONS SHOULD BE OBSERVED BY THE GEOTECH ENGINEER OF RECORD AFTER EXCAVATION, BUT PRIOR TO PLACING REINFORCING STEEL OR FORMS
- 5. ALL CONSTRUCTION DIMENSIONS SHOULD BE VERIFIED WITH THE
- ARCHITECTURAL SET OF PLANS
 6. INTERIOR, NON-BEARING, NON-SHEAR WALLS SHALL BE ANCHORED WITH HILTI SHOT PINS (ESR# 2379) @ 24" O/C MAX TO SLABS OR NAILED WITH 16d @ 12" O/C MAX TO WOOD FLOORS. ANCHORS SHALL BE CENTERED ON PLATE

SOIL NOTE

SOILS EXPANSION INDEX IS ASSUMED LOW REPORT:

DATED:

FOUNDATION DESIGN SOIL VALUES

BEARING = 1000 psf, ASSUMED EXP. INDEX = MED, ASSUMED

*No On-site investigation performed by Struct. Eng'r.

REFER TO THE "GENERAL SPECIFICATIONS FOR SOILS, FOUNDATIONS, CONCRETE AND REINFORCING" NOTES PROVIDED FOR ADDITIONAL SPECIFICATIONS TO BE PART OF THE FOUNDATION DRAWING PACKAGE.

PAD CERTIFICATION REQ'D

A SOIL or CIVIL ENGINEER TO DETERMINE GRADING PERFORMED IS IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED PLANS AND IS SUITABLE TO SUPPORT THE INTENDED STRUCTURE(s).

John A. Kudla Civil Engineering & Structural Design R.C.E. #50652 610 10th ST. UNIT 'A' PASO

ROBLES, CA.

REVISION LOG

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PROJECT NO. ----

FILE NAME S-1.2 GREENHOUSE #2 FOUNDATION PLAN.DWG DRAWN BY JB II

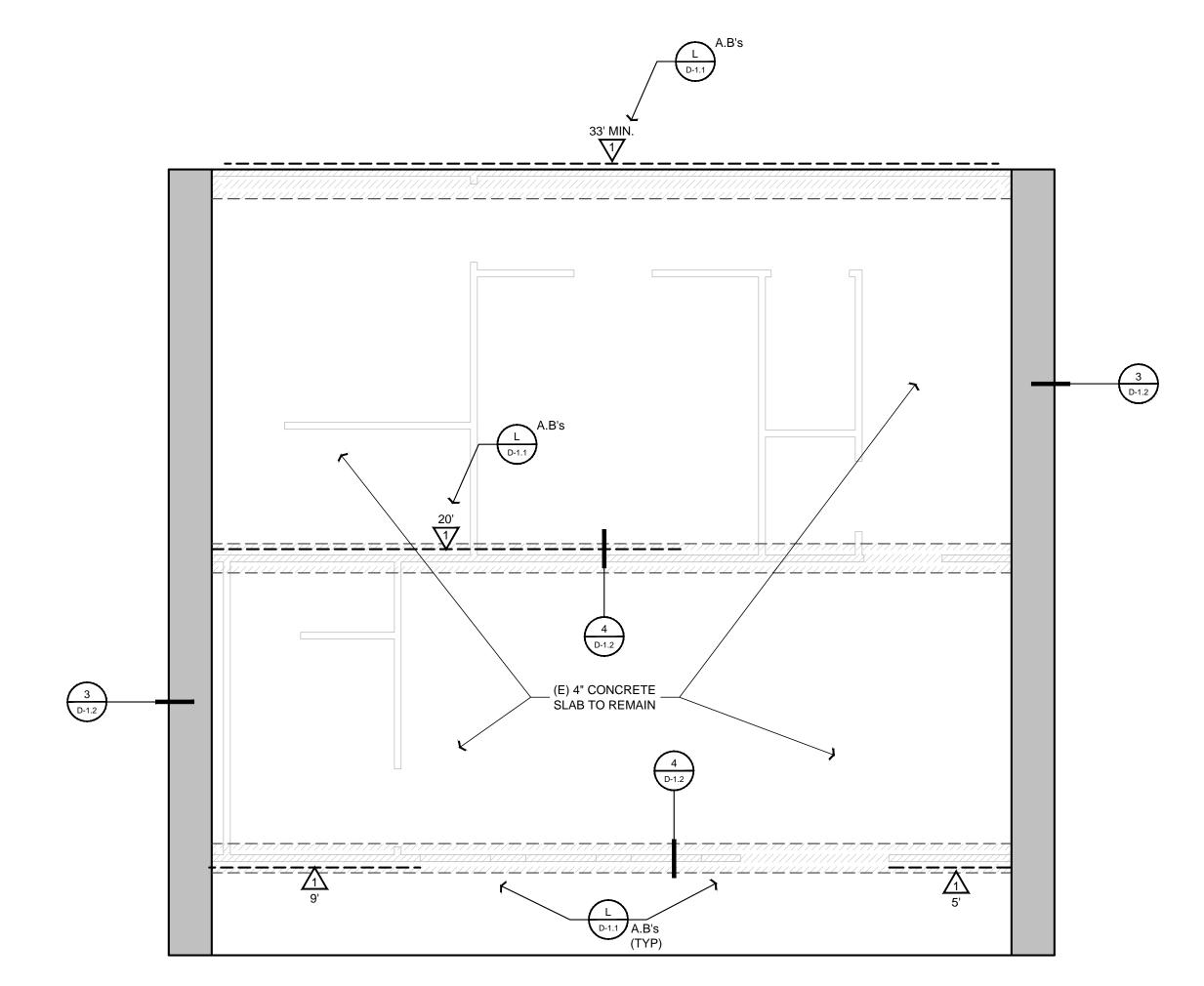
DATE

SHEET TITLE: GREENHOUSE

FOUNDATION PLAN

SHEET NUMBER:

S-1.2



GROWHOUSE LOFT FOUNDATION PLAN 1/4" = 1'

FOUNDATION NOTES

- 1. CONCRETE TO WITHSTAND 2500 PSI WITHIN 28 DAYS
- 2. REFER TO FRAMING PLAN FOR EXACT PLACEMENT OF HOLDOWNS 3. ALL HOLDOWNS TO BE PLACED IN CONCRETE PRIOR TO INSPECTION
- 4. FOUNDATION EXCAVATIONS SHOULD BE OBSERVED BY THE GEOTECH ENGINEER OF RECORD AFTER EXCAVATION, BUT PRIOR TO PLACING REINFORCING STEEL OR FORMS
- 5. ALL CONSTRUCTION DIMENSIONS SHOULD BE VERIFIED WITH THE ARCHITECTURAL SET OF PLANS
- 6. INTERIOR, NON-BEARING, NON-SHEAR WALLS SHALL BE ANCHORED WITH HILTI SHOT PINS (ESR# 2379) @ 24" O/C MAX TO SLABS OR NAILED WITH 16d @ 12" O/C MAX TO WOOD FLOORS. ANCHORS SHALL BE CENTERED ON PLATE

SOIL NOTE

SOILS EXPANSION INDEX IS MED

REPORT: 18080 BY: MID-COAST GEOTECHNICAL, INC.

DATED: JANUARY 28th, 2018

ANCHOR BOLT NOTE

2 X SILL PLATE -----> USE 5/8" DIAMETER X 10" MIN. ANCHOR BOLTS 3 X SILL PLATE -----> USE 5/8" DIAMETER X 12" MIN. ANCHOR BOLTS

ANCHOR BOLTS SHALL BE EMBEDDED 7" MINIMUM INTO PERIMETER FOOTING AND SPACED AT 4 FEET MAX. ON CENTER UNLESS NOTED OTHERWISE ON SHEAR WALL SCHEDULE. BOLTS SHALL BE A MAXIMUM OF 12" FROM SILL ENDS AND SPLICES WITH A MINIMUM OF 2 BOLTS PER SPLICE. USE 3" X 3" X 0.229" THICK FLAT PLATE WASHERS AT EACH ANCHOR BOLT.

CONCRETE NOTE

CONCRETE SLAB SHALL BE 4" THICK MINIMUM WITH #3 BARS @ 18" O/C. EACH WAY OVER 2" CLEAN COMPACTED FREE DRAINING SAND OVER A VAPOR RETARDER CONFORMING TO ASTM E 1643-11 (10 MIL VISQUEEN OR APPROVED EQUAL) . VAPOR RETARDER TO BE PLACED OVER 6" CLEAN FREE DRAINING MATERIAL. SET REINFORCEMENT AT MID DEPTH OF SLAB. FOOTINGS SHALL BE DIMENSIONED AND REINFORCED PER TABLE BELOW, UNLESS NOTED OTHERWISE ON FOUNDATION PLANS. DEPTH OF FOOTINGS SHALL BEGIN AT COMPETENT MATERIAL, WHICH MAY NOT BE THE SAME AS FINISHED GRADE. REINFORCEMENT SHALL BE CONTINUOUS TOP AND BOTTOM. USE #3 REINFORCEMENT BAR SET 3" MINIMUM ABOVE BOTTOM OF FOOTING AND BENT 3'-0" MINIMUM INTO SLAB.

PREMOISTENING CONTROL FOR SOILS UNDER FOOTINGS AND SLABS SHALL BE TO 120% OF OPTIMUM MOISTURE CONTENT TO A DEPTH OF 21" BELOW LOWEST GRADE. TESTING REQUIRED. AFTER PREMOISTENING, THE SPECIFIED MOISTURE CONTENT OF THE SOILS SHALL BE MAINTAINED UNTIL CONCRETE IS PLACED. REQUIRED MOISTURE CONTENT SHALL BE VERIFIED BY

AN APPROVED TESTING LABORATORY NOT OF CONCRETE. CONCRETE SLABS SHALL BE

FTG DIMENSIONS & REINFORCEMENT MORE THAN 24 HOURS PRIOR TO PLACEMENT NO. STORIES WIDTH, W DEPTH, TH BARS TOP BARS BOT SAW CUT 3/4" DEEP @ 15' O/C. GRIDS WITHIN

FOUNDATION DESIGN SOIL VALUES

BEARING = 1000 psf, ASSUMED

EXP. INDEX = MED, ASSUMED

24 HOURS OF SLAB POUR.

*No On-site investigation performed by Struct. Eng'r.

REFER TO THE "GENERAL SPECIFICATIONS FOR SOILS, FOUNDATIONS, CONCRETE AND REINFORCING" NOTES PROVIDED FOR ADDITIONAL SPECIFICATIONS TO BE PART OF THE FOUNDATION DRAWING PACKAGE.

FOUNDATION CALLOUTS

- 1. 4" THICK x 36" WIDE CONCRETE PAD AT ALL EXTERIOR DOOR OVER 4" CLEAN COMPACTED FILL SAND, THICKEN AT PERIMETERS
- 2. CONCRETE PAD FOR A/C UNIT. 4" CONCRETE PAD OVER 4" CLEAN COMPACTED FILL SAND. THICKEN CONCRETE PAD AT PERIMETER.

PAD CERTIFICATION REQ'D

A SOIL or CIVIL ENGINEER TO DETERMINE GRADING PERFORMED IS IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED PLANS AND IS SUITABLE TO SUPPORT THE INTENDED STRUCTURE(s).

\triangle			SH	HEAR W	ALL SCHE	DULE		
MARK	SHEAR (p/lf)	MATERIAL	# OF SIDES	NAILING (E.N. F.N.)	TOP PLATE CONNECTOR	SILL PLATE NAILS AT SUBFLOOR	5/8" d A.B.'s. w/ 2x sill (4) (5)	5/8" d A.B.'s. w/ 3x sill (4) (5)
1	260	15/32" CDX (ID# 24/0)	1	8d @ 6 - 12	A35 @ 24" o/c or 16d @ 6" o/c	16d @ 4" o/c (3)	48"	48"
2	340	15/32" CDX (ID# 24/0)	1	8d @ 4 - 12	A35 @ 16" o/c or 16d @ 4" o/c	16d @ 3 ½" o/c (3)	42"	48"
3	380 +	15/32" CDX (ID# 24/0)	1	8d @ 4 - 12	A35 @ 12" o/c or 16d @ 4" o/c	16d @ 3" o/c (3)	18"	48"
4	490 +	15/32" CDX (ID# 24/0)	1	8d @ 3 - 12	A35 @ 10" o/c or 16d @ 3" o/c	"SDS" @ 8" o/c ++	12"	36"
5	520 +	15/32" CDX (ID# 24/0)	2	8d @ 6 - 12	A35 @ 9" o/c or 16d @ 2 ½" o/c	"SDS" @ 6" o/c ++	12"	32"
6	600 +	15/32" CDX (ID# 24/0)	1	10d @ 3 - 12	A35 @ 9" o/c	"SDS" @ 6" o/c ++	9"	30"
7	760 +	15/32" CDX (ID# 24/0)	2	8d @ 4 - 12	A35 @ 6" o/c or LTP4 @ 10" o/c	"SDS" @ 4" o/c ++	- 3x Sill Req	24"
8	870 +	19/32" CDX (ID# 24/0)	1	10d @ 2 - 12	A35 @ 6" o/c or LTP4 @ 9" o/c	"SDS" @ 4" o/c ++	- 3x Sill Req	21"
9	990 +	19/32" CDX (ID# 24/0)	2	10d @ 4 - 12	A35 @ 5 ½" o/c or LTP4 @ 8" o/c	"SDS" @ 3" o/c ++	- 3x Sill Req	18"
ssw/sw		Simpson Strongwall As Specified			A35 @ 5 ½" o/c or LTP4 @ 8" o/c		1	emplate son Catalogue

STAGGER NAILS AT OPPOSITE SIDE OF WALL.

++ USE SIMPSON WOOD SCREWS, SDS 25412 FOR 2X & SDS 25600 FOR 3X SILLS, PRE-DRILL ALL HOLES TO BLOCKING BELOW.
+ STUDS SHALL BE 3X MINIMUM AT ADJOINING (COMMON) PANEL EDGES (SEE BELOW).

ALL WALLS TO BE FULLY BLOCKED. REFER TO "VERTICAL DIAPHRAGM NOTES" FOR MATERIAL AND APPLICATION SPECIFICATIONS.

15/32" OSB, APA APPROVED SHEATHING MAY BE USED IN PLACE OF 15/32" CDX.

ALL NAILS SPECIFIED ARE COMMON. WHERE "AIR-GUN" NAILING IS USED, CARE SHALL BE TAKEN TO USE TRUE COMMON NAIL EQUIVALENTS REGARDING DIAMETER AND LENGTH. (8d COMMON = 0.131"d X 2.5" lg., 10d = 0.148"d x 3" lg., 16d = 0.162"d x 3.5" lg.) TOE NAILING IS NOT ALLOWED FOR SHEAR WALLS. PROVIDE 3" X 3" X 1/4" (SIMPSON BPS 5/8-3) SQ. FLAT WASHERS AT ALL ANCHOR BOLTS.

USE 5/8" DIAMETER ANCHOR BOLTS AT 48" O/C BETWEEN SHEARWALLS. FOR WALLS BEARING TRUSSES OR FLOOR JOISTS, ONE H-1 CLIP, FROM TRUSS TO JOIST TO TOP PLATE, MAY BE USED IN PLACE OF ONE A-35 TOP PLATE CONNECTOR.

John A. Kudla

Civil Engineering & Structural Design

R.C.E. #50652 610 10th ST. UNIT 'A' PASO

ROBLES, CA.

REVISION LOG

REV.	DESCRIPTION	DATE				
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PROJECT NO. ----

FILE NAME S-1.1 GROWHOUSE FOUNDATION DRAWN BY JB II

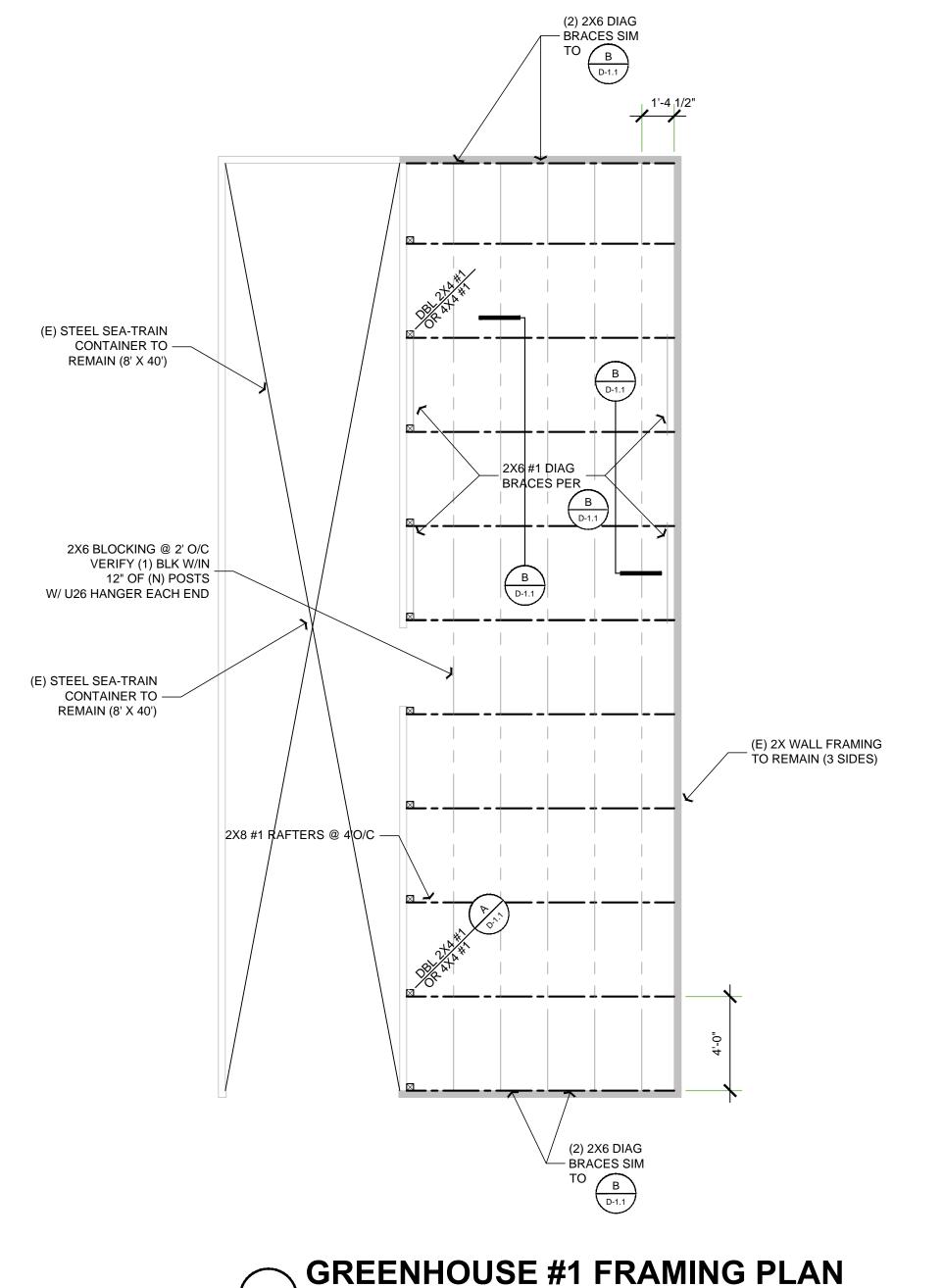
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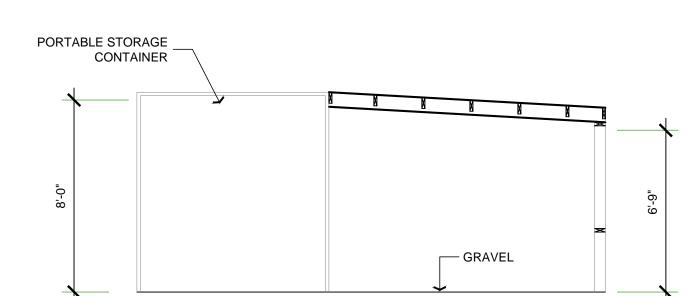
2/5/2018 9:46 AM SHEET TITLE:

GROWHOUSE **FOUNDATION** PLAN

SHEET NUMBER:

S-1.3





1/4" = 1'



1/4" = 1'

SECTION PLAN

FRAMING NOTES

1. ALL HEADERS ABOVE OPENINGS AT BEARING WALLS ARE DEPICTED WITH LINEWORK AND SHALL BE A MINIMUM (U.O.N.):

4 X 12 DF # 2 AT 2 X 4 STUD WALLS 6 X 12 DF # 1 AT 2 X 6 STUD WALLS

2. ALL TOP PLATES TO HAVE 60" MIN. LAP AT SPLICES WITH (32) 16d NAILS STAGGERED PER CONNECTION. (U.O.N.)

3. ALL LUMBER SHALL BE IDENTIFIED WITH THE GRADE MARK AND STAMP OF THE GRADING ASSOCIATION COVERING THE SPECIES AND UNDER WHOSE GRADING RULES THE LUMBER WAS PRODUCED.

4. THE MANUFACTURERS A.I.T.C. CERTIFICATION OF COMPLIANCE FOR GLU-LAM BEAMS OR MICRO-LAM BEAMS IS TO BE PROVIDED AT THE TIME OF FRAMING INSPECTION AND PROPERLY INDICATE THE FIBER BENDING AND GRADE SPECIFICATION.

5. PROVIDE FIRE STOPS IN CONCEALED SPACES OF STUD WALLS INCLUDING SPACES AT CEILING AND FLOORS & IN OPENINGS AROUND DUCTS, PIPES, CHIMNEYS, AND SIMILAR OPENINGS WHICH ALLOW PASSAGE OF FIRE.

6. ALL INT. NON-BEARING WALLS = 2X4 AT 16" O.C. (U.O.N.)

EPOXY ANCHOR NOTE

HOLDDOWNS PER PLANS TO (E) CONCRETE, DRILL 3/4" HOLE. USE 5/8" ALL THREAD ROD W/ 8" EMBEDMENT INTO CONCRETE. THOROUGHLY CLEAN OUT HOLES W/ COMPRESSED AIR & NYLON BRUSH. VERIFY HOLES ARE CLEAN & DRY PRIOR TO STRUCTURAL OBSERVATION BY J.K ENGINEERING. SECURE WITH SIMPSON SET-XP

ADDITIONAL SILL BOLTS IN EXISTING CONCRETE. USE 5/8" ø x 4" MIN. EMBEDMENT INTO CONCRETE. REDHEADS W/ 3" x 3" x 0.229" FLAT PLATE WASHERS, BOLT SPACING PER SHEARWALL SCHEDULE.

FRAMING NOTES

- 1) USE 4X12 #2 or 6X10 #1 HEADERS AT ALL EXTERIOR AND INTERIOR BEARING WALLS. (U.O.N.)
- 2) SPLICE ALL TOP PLATES WITH (15) 16d NAILS AT
- EACH 4'-0" (MIN.) LAP AT SHEARWALL LINES PER
- 3) WALL STUDS: **2X4 #2** @ 16" o/c MAX HEIGHT = **9'-6"**
 - **2X6 #2** @ 16" o/c MAX HEIGHT = **15'-6"** NAIL DOUBLE MEMBERS WITH (2) ROWS OF 16d NAILS AT 12" o/c.
- CEILING JOISTS (WHERE REQ'D) SHALL BE PER CBC TABLE 2308.10.2. 6) FLOOR JOISTS: ALTHOUGH THE SPECIFIED SIZES MEET ALL REQUIRED

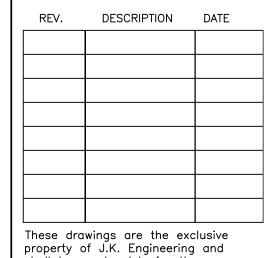
CODE DEFLECTION LIMITS, IN ORDER TO ACHIEVE A "STIFF" FLOOR, THE OWNER/BUILDER MAY CHOOSE TO USE JOISTS ONE SIZE DEEPER THAN SHOWN. CARE SHALL BE TAKEN TO USE PROPER HARDWARE. CONTACT ENGINEER FOR MORE INFO

John A. Kudla Civil Engineering & Structural Design R.C.E. #50652 610 10th ST. UNIT 'A' PASO

ROBLES, CA.

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PROJECT NO. ----

FILE NAME S-2.1 GREENHOUSE #1 FRAMING DRAWN BY JB II

DATE 2/5/2018 9:46 AM

SHEET TITLE: **GREENHOUSE #1 FRAMING** PLAN

SHEET NUMBER:

S-2.1

FRAMING CALLOUTS

- A. 1000S162-97 CEILING JOISTS @ 16" O/C W/ $1\frac{1}{8}$ " PLY PER FRAMING CALLOUTS B. 2x4 DBL 600S137-43 METAL STEEL STUD
- C. 2x8 DBL 600S162-43 METAL STEEL STUD
- D. 1/2" GYPSUM BOARD

SHEAR WALL BRACING SCHEDULE

MARK	DIAGONAL STRAP SIZE & GAUGE	DIAGONAL STRAP CONNECTION	TRMR, TOP & BOT TRAC CONEC. @ STRAP	BOTTOM TRAC TO FOUNDATION
2370#	4" WIDE x 22 GA	(7) #10x3/4" SCREWS	N/A	5%"Ø AB @ 32" O/C (MIN 2/ WALL) OR .177"x2" POWER PIN @ 16" O/C (MIN 4/ WALL)

FOOTNOTES:

- 1. SEE PLANS FOR LOCATION OF WALL BRACES, THESE LOCATIONS SHALL NOT BE MOVED
- 2. ALL WALL BRACE LENGTHS ARE PER PLANS 3. ALL WALL BRACE HEIGHTS ARE FROM TOP TRAC TO FOUNDATION UNLESS NOTED "2 TIER" ON PLANS
- 4. THE HEIGHT OF MULTIPLE TIER BRACING PANELS SHALL BE EQUAL
- 5. STRAP INTERSECTIONS DETAILS AS CALLED OUT ON PLANS 6. POWER PINS: HILTI DS HEAVY DUTY PINS (DS52P10)
- 7. BOT TRAC TO FOUNDATION PINS OR BOLTS MUST BE WITHIN DIAGONAL BRACED BAY
- 8. DIAGONAL STRAP MATERIAL: Fy = 33 KSI MIN, CORROSION RESISTANT 9. SCREWS BY ITW BUILDEX: HEX HEAD #10-16 x ¾" #1 SELF DRILLING (PART 1107053)

1. DTT2Z W/ (8) #14 SCREWS TO STEEL STUD AND $\frac{1}{2}$ " Ø X 6" LONG TITEN HD BOLT TO CONCRETE SLAB

239-4151

John A. Kudla

Civil Engineering &

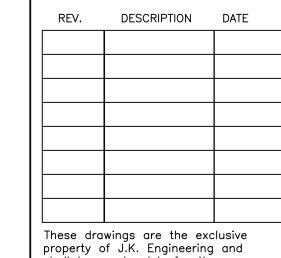
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PROJECT NO. ----

FILE NAME S-2.2 GREENHOUSE #2 FRAMING PLAN.DWG

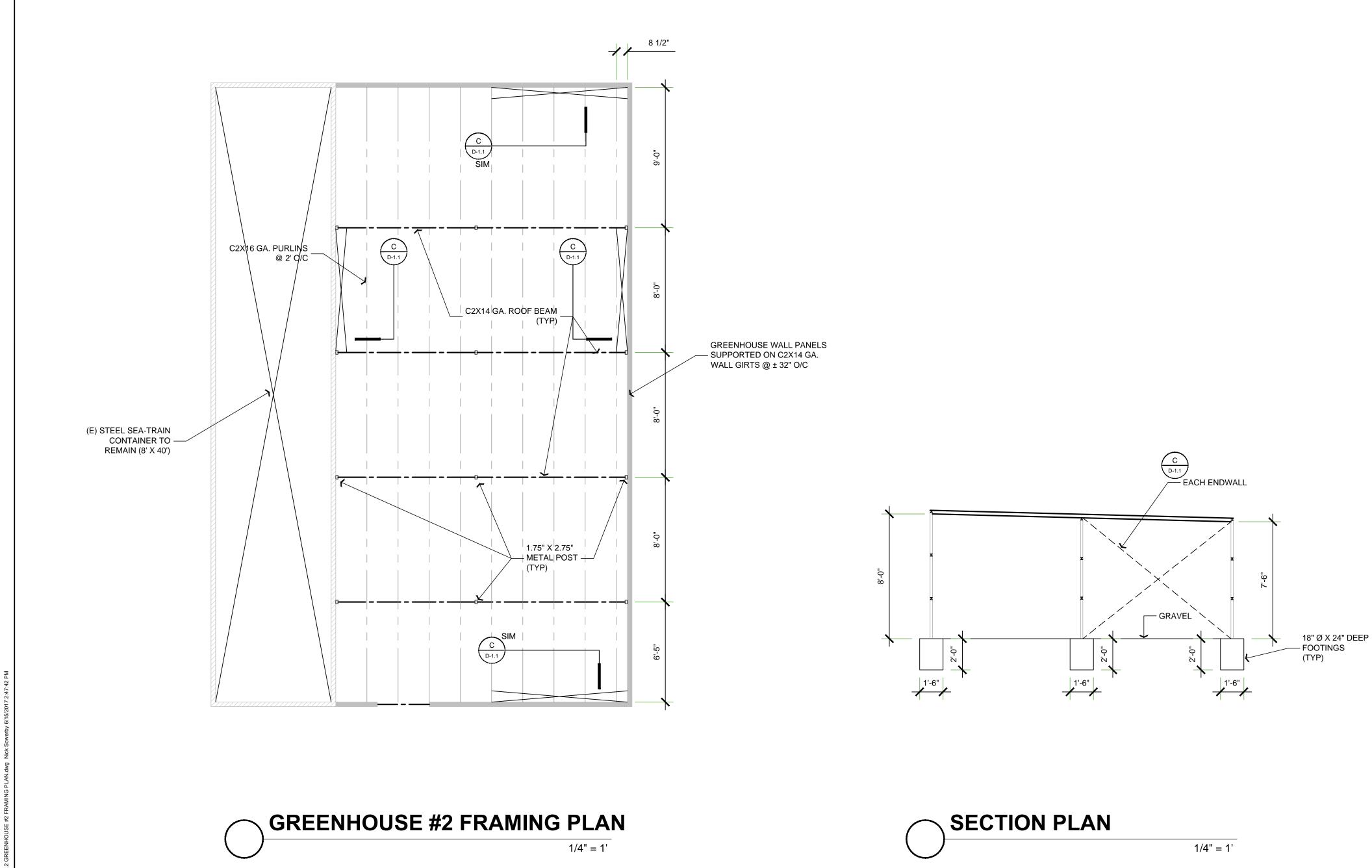
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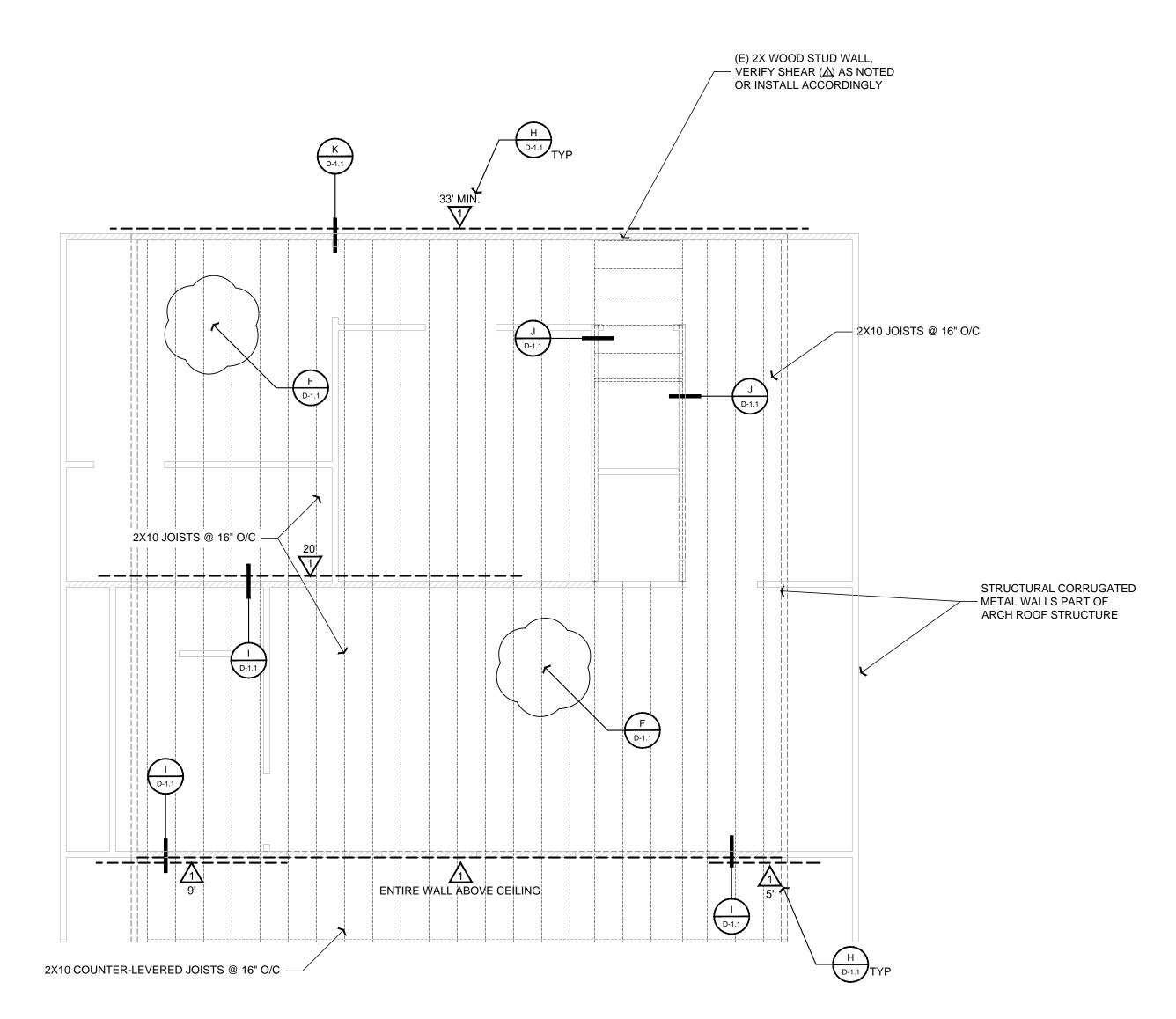
SHEET TITLE:

GREENHOUSE #2 FRAMING PLAN

SHEET NUMBER:

S-2.2







FRAMING NOTES

- 1. ALL HEADERS ABOVE OPENINGS AT BEARING WALLS ARE DEPICTED WITH LINEWORK AND SHALL BE A MINIMUM (U.O.N.): 4 X 12 DF # 2 AT 2 X 4 STUD WALLS
- 6 X 12 DF # 1 AT 2 X 6 STUD WALLS 2. ALL TOP PLATES TO HAVE 60" MIN. LAP AT SPLICES WITH (32) 16d NAILS
- STAGGERED PER CONNECTION. (U.O.N.) 3. USE 3/4" OSB PLYWOOD FLOOR SHEATHING (SPAN INDEX 40/20) GLUED AND
- NAILED WITH 10d AT 6-6-12 " O.C. CASE 1 LAYOUT. 4. ALL LUMBER SHALL BE IDENTIFIED WITH THE GRADE MARK AND STAMP OF THE
- GRADING ASSOCIATION COVERING THE SPECIES AND UNDER WHOSE GRADING RULES THE LUMBER WAS PRODUCED. 5. THE MANUFACTURERS A.I.T.C. CERTIFICATION OF COMPLIANCE FOR GLU-LAM
- BEAMS OR MICRO-LAM BEAMS IS TO BE PROVIDED AT THE TIME OF FRAMING INSPECTION AND PROPERLY INDICATE THE FIBER BENDING AND GRADE SPECIFICATION.
- 6. PLACE SHEAR PANEL ON SHEAR WALLS PRIOR TO THE CONSTRUCTION OF INTERSECTING WALLS.
- 7. PROVIDE FIRE STOPS IN CONCEALED SPACES OF STUD WALLS INCLUDING SPACES AT CEILING AND FLOORS & IN OPENINGS AROUND DUCTS, PIPES,
- CHIMNEYS, AND SIMILAR OPENINGS WHICH ALLOW PASSAGE OF FIRE. 8. SHOWER AREA WALLS SHALL BE FINISHED WITH A SMOOTH NON-ABSORBENT, HARD SURFACE TO A HEIGHT OF 70" ABOVE DRAIN INLET. (CBC 1210.3)
- 9. ALL INT. NON-BEARING WALLS = 2X4 AT 16" O.C. (U.O.N.) 10. ALL EXTERIOR AND PLUMBING WALLS = 2 X 6 STUDS AT 16" O.C. (U.O.N.)

FRAMING NOTES

- 1. USE 4X12 #2 or 6X10 #1 HEADERS AT ALL EXTERIOR AND INTERIOR BEARING WALLS. (U.O.N.)
- 2. SPLICE ALL TOP PLATES WITH (15) 16d NAILS AT EACH 4'-0" (MIN.) LAP AT SHEARWALL LINES PER
- 3. WALL STUDS: **2X4 #2** @ 16" o/c MAX HEIGHT = **9'-6"**
- **2X6 #2** @ 16" o/c MAX HEIGHT = **15'-6"**
- 4. NAIL DOUBLE MEMBERS WITH (2) ROWS OF 16d NAILS AT 12" o/c. 5. CEILING JOISTS (WHERE REQ'D) SHALL BE PER CBC TABLE 2308.10.2.
- 6. FLOOR JOISTS: ALTHOUGH THE SPECIFIED SIZES MEET ALL REQUIRED CODE DEFLECTION LIMITS, IN ORDER TO ACHIEVE A "STIFF" FLOOR, THE OWNER/BUILDER MAY CHOOSE TO USE JOISTS ONE SIZE DEEPER THAN SHOWN. CARE SHALL BE TAKEN TO USE PROPER HARDWARE. CONTACT ENGINEER FOR MORE INFO

STRUCTURAL LEGEND and NOTES

INSTALL 3/4" CD-X FLOOR SHEATHING AT HORIZONTAL DIAPHRAGMS PER "LATERAL NOTES AND REQUIREMENTS" ON DETAIL SHEET _____, AND INSTALL PER DETAIL F



= REFERS TO SHEARWALL SCHEDULE FOR MATERIAL, NAILING HARDWARE, AND ANCHOR BOLT SPECS. INSTALL PER DETAIL

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	D-1.1

$\overline{\triangle}$	SHEAR WALL SCHEDULE							
MARK	SHEAR (p/lf)	MATERIAL	# OF SIDES	NAILING (E.N. F.N.)	TOP PLATE CONNECTOR	SILL PLATE NAILS AT SUBFLOOR	5/8" d A.B.'s. w/ 2x sill (4) (5)	5/8" d A.B.'s w/ 3x sill (4) (
1	260	15/32" CDX (ID# 24/0)	1	8d @ 6 - 12	A35 @ 24" o/c or 16d @ 6" o/c	16d @ 4" o/c (3)	48"	48"
2	340	15/32" CDX (ID# 24/0)	1	8d @ 4 - 12	A35 @ 16" o/c or 16d @ 4" o/c	16d @ 3 ½" o/c (3)	42"	48"
3	380 +	15/32" CDX (ID# 24/0)	1	8d @ 4 - 12	A35 @ 12" o/c or 16d @ 4" o/c	16d @ 3" o/c (3)	18"	48"
4	490 +	15/32" CDX (ID# 24/0)	1	8d @ 3 - 12	A35 @ 10" o/c or 16d @ 3" o/c	"SDS" @ 8" o/c ++	12"	36"
5	520 +	15/32" CDX (ID# 24/0)	2	8d @ 6 - 12	A35 @ 9" o/c or 16d @ 2 ½" o/c	"SDS" @ 6" o/c	12"	32"
6	600 +	15/32" CDX (ID# 24/0)	1	10d @ 3 - 12	A35 @ 9" o/c	"SDS" @ 6" o/c ++	9"	30"
7	760 +	15/32" CDX (ID# 24/0)	2	8d @ 4 - 12	A35 @ 6" o/c or LTP4 @ 10" o/c	"SDS" @ 4" o/c ++	- 3x Sill Req	24"
8	870 +	19/32" CDX (ID# 24/0)	1	10d @ 2 - 12	A35 @ 6" o/c or LTP4 @ 9" o/c	"SDS" @ 4" o/c ++	- 3x Sill Req	21"
9	990 +	19/32" CDX (ID# 24/0)	2	10d @ 4 - 12	A35 @ 5 ½" o/c or LTP4 @ 8" o/c	"SDS" @ 3" o/c ++	- 3x Sill Req	18"
ssw/sw		Simpson Strongwall As Specified			A35 @ 5 ½" o/c or LTP4 @ 8" o/c		I	emplate son Catalogue

* STAGGER NAILS AT OPPOSITE SIDE OF WALL.
++ USE SIMPSON WOOD SCREWS, SDS 25412 FOR 2X & SDS 25600 FOR 3X SILLS, PRE-DRILL ALL HOLES TO BLOCKING BELOW.

STUDS SHALL BE 3X MINIMUM AT ADJOINING (COMMON) PANEL EDGES (SEE BELOW).

ALL WALLS TO BE FULLY BLOCKED.

- REFER TO "VERTICAL DIAPHRAGM NOTES" FOR MATERIAL AND APPLICATION SPECIFICATIONS. ALL NAILS SPECIFIED ARE COMMON. WHERE "AIR-GUN" NAILING IS USED, CARE SHALL BE TAKEN TO USE TRUE COMMON NAIL EQUIVALENTS REGARDING DIAMETER AND LENGTH. (8d COMMON = 0.131"d X 2.5" lg., 10d = 0.148"d x 3" lg.,
- 16d = 0.162"d x 3.5" lg.) TOE NAILING IS NOT ALLOWED FOR SHEAR WALLS. PROVIDE 3" X 3" X 1/4" (SIMPSON BPS 5/8-3) SQ. FLAT WASHERS AT ALL ANCHOR BOLTS. USE 5/8" DIAMETER ANCHOR BOLTS AT 48" O/C BETWEEN SHEARWALLS.
- FOR WALLS BEARING TRUSSES OR FLOOR JOISTS, ONE H-1 CLIP, FROM TRUSS TO JOIST TO TOP PLATE, MAY BE USED
- IN PLACE OF ONE A-35 TOP PLATE CONNECTOR.
- 15/32" OSB, APA APPROVED SHEATHING MAY BE USED IN PLACE OF 15/32" CDX.

239-4151

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FILE NAME S-2.3 GROWHOUSE FRAMING PLAN.DWG

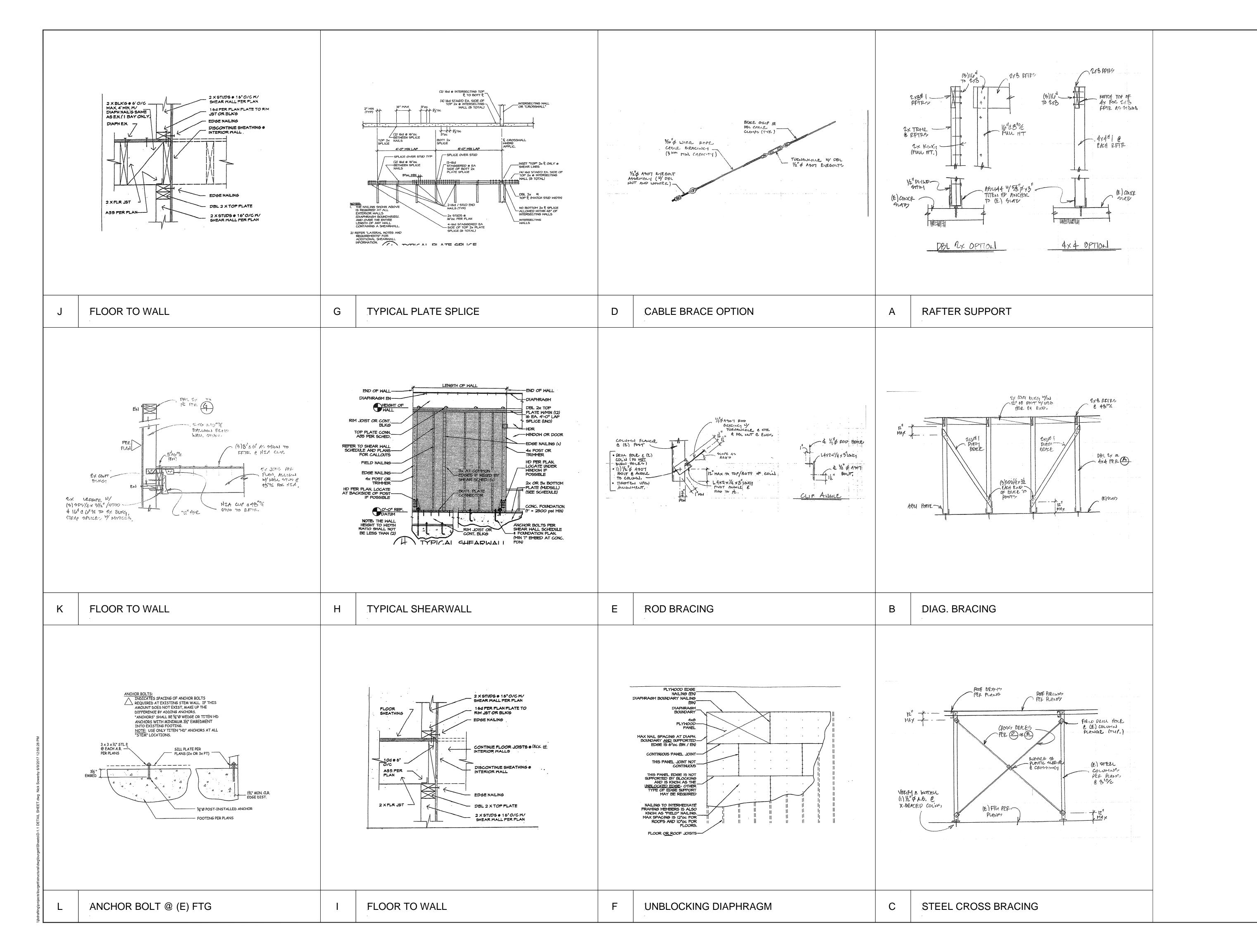
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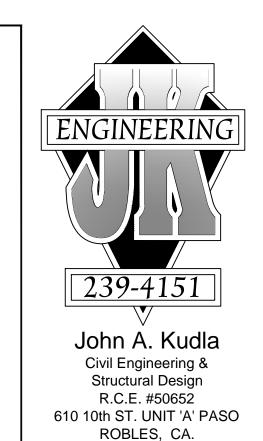
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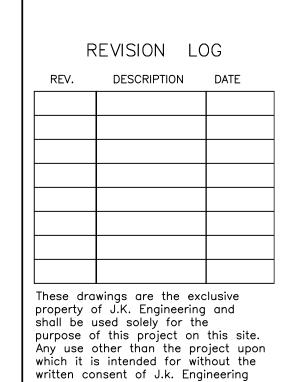
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RICHARD BURGETT 8155 CARRISA, HWY 58 NTA MARGARITA, CA 93453

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