

| PLANTING SYMBOL LEGEND |  |         |     |          |
|------------------------|--|---------|-----|----------|
| SYMBOL                 | COMMON NAME (BOTANICAL NAME)                         | SIZE    | QTY | SPACING  |
|                        | REDTIP PHTINIA (PHOTINIA FRASERI)                    | 1 GAL.  | 9   |          |
|                        | SLENDER VELDT GRAS (PENNISETUM SPATHIOLATUM)         | 1 GAL.  | 27  | 60" O.C. |
|                        | RED YUCCA (HESPERALOE PARVAFLORA)                    | 1 GAL.  | 12  |          |
|                        | CA RUSH (JUNCINS "BLUE DART")                        | 5 GAL.  | 14  |          |
|                        | BLUE GLOW AGAVE (AGAVE "BLUEGLOW")                   | 5 GAL.  | 5   |          |
|                        | PROVENCE LAVENDAR (LAVADULA X INTERMIDIA "PROVENCE") | 5 GAL.  | 60  | 60" O.C. |
|                        | MANZANITA (ARCTOSTAPHYLOS "HOWARD MCMINN")           | 5 GAL.  | 3   |          |
|                        | RAYWOOD ASH (FRACINUS OXYCARPA)                      | 36" BOX | 4   |          |

# ARCHITECTURAL & STRUCTURAL PLANS

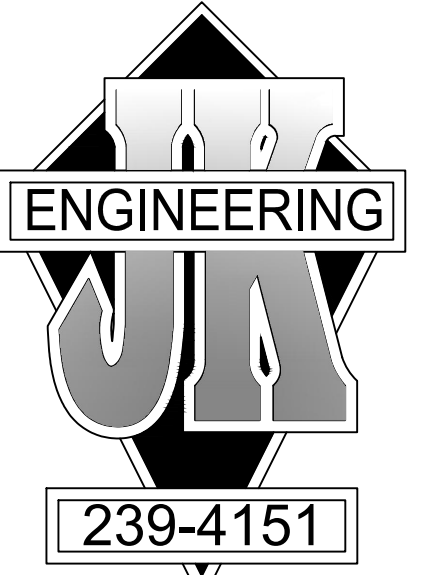
## FOR

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### SHEET INDEX



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### PROJECT INFORMATION

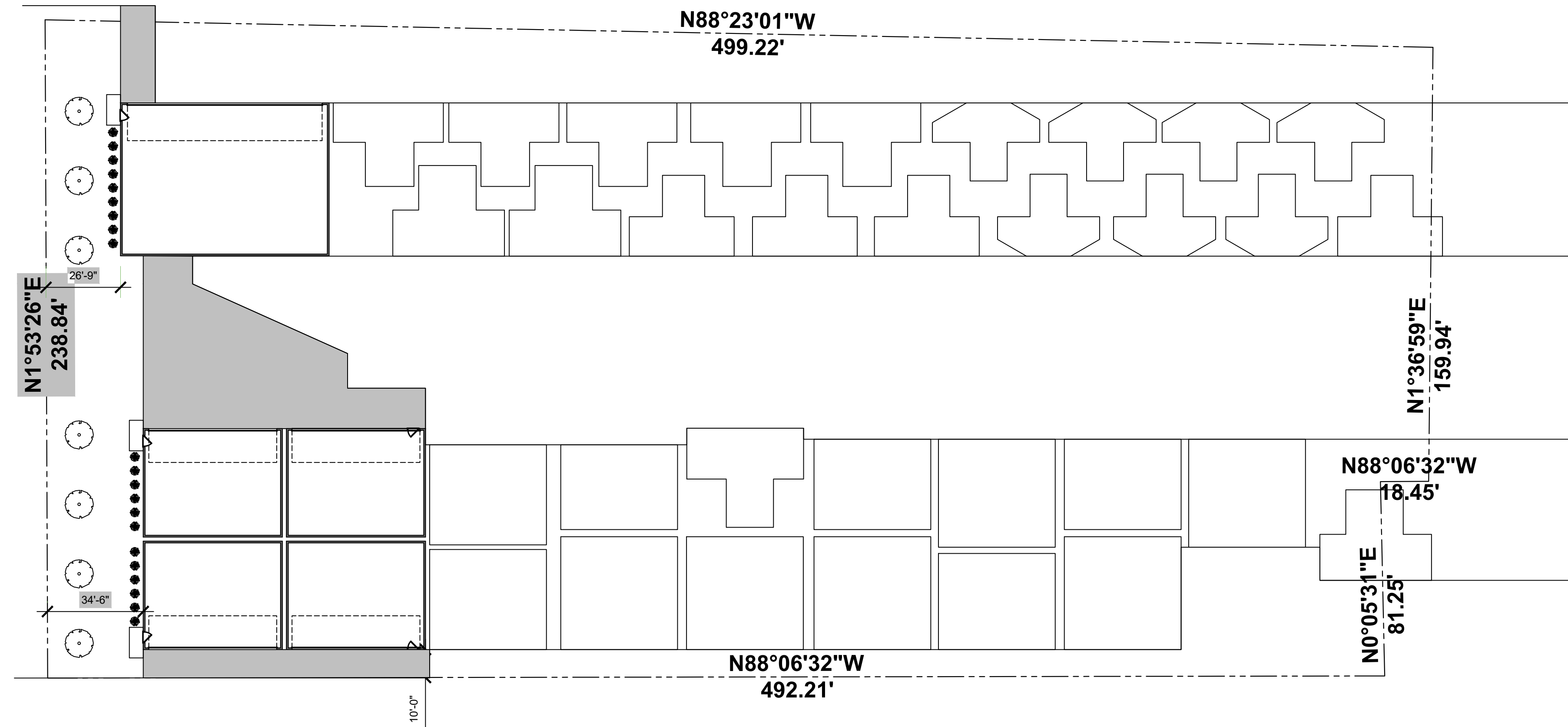
OWNER #####  
PROJECT ADDRESS #####  
APN xxx  
PHONE xxx

### PROJECT STATISTICS

LOT SIZE 20± ACRES  
AREA OF DISTURBANCE 5000 SQ FT  
MAX DEPTH FILL 0 FT  
MAX DEPTH CUT 0 FT  
OCCUPANCY (CBC 310.1) R-3 (SFD)  
CONSTRUCTION TYPE VB  
BUILDING HEIGHT 31'-11" ABOVE AVERAGE GRADE  
EXISTING RESIDENCE 0 SQ FT  
NEW RESIDENCE 0 SQ FT  
GARAGE 0 SQ FT  
PORCH 0 SQ FT  
IMPERVIOUS AREA 0 SQ FT  
LENGTH OF RETAINING WALL 0 FT

### PROJECT DESIGN CRITERIA

| GOVERNING BUILDING CODE        |                  |            |     |
|--------------------------------|------------------|------------|-----|
| 2019 CALIFORNIA BUILDING CODE  |                  |            |     |
| GENERAL PARAMETERS             |                  |            |     |
| CONSTRUCTION TYPE              | TYPE V-B         |            |     |
| NUMBER OF STORIES              | 2                |            |     |
| MAX HEIGHT (ABV. GRADE)        | 22'              |            |     |
| ROOF                           | DL / LL          | 20.5 / 20  | PSF |
| FLOOR                          | DL / LL          | 27.5 / 40  | PSF |
| DECK                           | DL / LL          | 24.5 / 60  | PSF |
| WALLS (STUCCO)                 | DL               | 16.5       | PSF |
| WALLS (INTERIOR)               | DL               | 8.5        | PSF |
| GEOTECHNICAL PARAMETERS        |                  |            |     |
| BEARING PRESSURE               | 1500             | PSF        |     |
| LATERAL PASSIVE PRESSURE       | 150              | PCF        |     |
| EFP (REST / ACTIVE)            | 60 / 45          | PCF        |     |
| FRICTION COEFFICIENT           | 0.25             |            |     |
| WIND DESIGN PARAMETERS         |                  |            |     |
| DESIGN PROCEDURE               | SIMPLIFIED, ASD  |            |     |
| BASIC WIND SPEED               | 110 MPH          |            |     |
| EXPOSURE                       | C                |            |     |
| IMPORTANCE FACTOR              | 1.00             |            |     |
| INTERNAL PRESSURE COEFF.       | N/A              |            |     |
| DESIGN LATERAL WIND PRESSURE   | 17.4 PSF (H=10') |            |     |
| DESIGN VERTICAL WIND PRESSURE  | 10 PSF           |            |     |
| SEISMIC DESIGN PARAMETERS      |                  |            |     |
| DESIGN PROCEDURE               | EQUIV. FORCE     |            |     |
| SITE CLASS                     | D                |            |     |
| IMPORTANCE FACTOR              | 1.00             |            |     |
| OCCUPANCY CATEGORY             | II               |            |     |
| MAPPED SPECTRAL RESPONSE       | SS = 1.50        | S1 = 0.82  |     |
| SPECTRAL RESPONSE COEFFICIENT  | SDS = 0.99       | SD1 = 0.58 |     |
| SEISMIC DESIGN CATEGORY        | SDC = D          |            |     |
| SEISMIC FORCE RESISTING SYSTEM | WOOD SHEAR WALL  |            |     |
| RESPONSE MODIFICATION FACTOR   | R = 6.5          |            |     |
| DESIGN BASE SHEAR              | 0.14W            |            |     |
| ANALYSIS PROCEDURE USED        | ASD              |            |     |



VICINITY MAP

### GENERAL CONSTRUCTION NOTES

- ALL WORK SHALL CONFORM WITH THE:
  - 2019 CBC
  - 2019 CMC
  - 2019 CAL GREEN
  - 2019 CENC AND T-24
  - AND ALL APPLICABLE LOCAL ORDINANCES
- 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 ARCHITECT/ENGINEER BY THE GENERAL CONTRACTOR BEFORE PROCEEDING WITH ANY WORK SO INVOLVED. SPECIFICATIONS WHICH REFERENCE CONDITIONS NOT IN THIS SCOPE OF THE PROJECT MAY BE OMITTED.
- 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 TAKE PRECEDENCE OVER THE DRAWINGS. IT SHALL BE THE 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 CODE AND THE DRAWINGS.
- DO NOT SCALE THE DRAWINGS. DIMENSIONS SHOWN SHALL TAKE PRECEDENCE OVER DRAWING SCALE OR PROPORTION. LARGE SCALE DRAWINGS SHALL TAKE PRECEDENCE OVER SMALLER SCALE DRAWINGS.
- THE CONTRACT DRAWINGS AND SPECIFICATIONS REPRESENT THE 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 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 SHALL BE DISTINGUISHED FROM CONTINUOUS AND DETAILED INSPECTION SERVICES WHICH ARE FURNISHED BY OTHERS. THESE SUPPORT SERVICES PERFORMED SOLELY FOR THE PURPOSE OF ASSISTING IN QUALITY CONTROL AND IN ACHIEVING CONFORMANCE WITH CONTRACT DRAWINGS AND SPECIFICATIONS, AND THEREFORE THEY DO NOT GUARANTEE CONTRACTOR'S PERFORMANCE AND SHALL NOT BE CONSTRUED AS SUPERVISION OF CONSTRUCTION.
- 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 AND DESIGN PROFESSIONAL(S) OF RECORD PRIOR TO BEGINNING WORK. COMMENCEMENT OF WORK SHALL IMPLY ACCEPTANCE OF ALL SUBSURFACES.
- REFER TO ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR DEPRESSED SLABS CURB, FINISHES, TEXTURES, CLIPS, GROUNDS, ETC., NOT SHOWN ON STRUCTURAL DRAWINGS.
- ANY MATERIALS STORED AT THE SITE SHALL BE COMPLETELY SUPPORTED FREE OF THE GROUND, COVERED AND OTHERWISE PROTECTED TO AVOID DAMAGE FROM THE ELEMENTS.
- MORE DETAILED INFORMATION SHALL TAKE PRECEDENCE OVER LESSER DETAILED INFORMATION. SPECIFICATIONS SHALL TAKE PRECEDENCE OVER DRAWINGS.
- GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL APPLICABLE CODES AND LOCAL ORDINANCES.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE OR DISBURSE ANY EXCESS MATERIAL FROM PROJECT SITE.
- 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 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]
- ALL CONTRACTORS AND SUB-CONTRACTORS MUST HAVE ON FILE WITH THE BUILDING DEPARTMENT, A LIST OF ALL SUCH CONTRACTORS AND SUB-CONTRACTORS WITH APPROPRIATE CURRENT BUSINESS LICENSE NUMBERS.
- 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.
- CONTRACTOR SHALL VERIFY ALL SETBACKS, EASEMENTS, CONTOURS, AND BUILDING PAD PRIOR TO CONSTRUCTION.
- 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.
- VERIFY LOCATION OF ALL UTILITY TIE-INS AT STREET AND POINT OF CONNECTIONS AT BUILDING PRIOR TO CONSTRUCTION.
- IF A PROJECT SOILS REPORT IS REQUIRED OR SUPPLIED, A COPY OF THE REPORT SHALL BE ON SITE DURING FOUNDATION INSPECTION.
- ALL PROPERTY CORNERS SHOULD BE ESTABLISHED AT THE TIME OF FOUNDATION INSPECTION WITH THE MARK OF A LICENSED SURVEYOR.
- APPROVED BUILDING ADDRESS NUMBERS SHALL BE PLACED UPON THE STRUCTURE AS REQUIRED BY CITY OR COUNTY ORDINANCE. THE INDIVIDUAL NUMBERS SHALL CONTRAST WITH THEIR BACKGROUND AND HAVE A HEIGHT AND STROKE COMPATIBLE WITH THAT JURISDICTION

PLAN PREPARED FOR:

JOHN MOORE  
4750 WING WAY 207  
PASO ROBLES, CA 93446

### REVISION LOG

| REV. | DESCRIPTION | DATE |
|------|-------------|------|
|      |             |      |
|      |             |      |
|      |             |      |
|      |             |      |
|      |             |      |

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PROJECT NO. ---  
FILE NAME A-1.1  
DRAWN BY SITE DWG  
DATE 2/24/2022 10:03 AM  
SHEET TITLE:

SHEET NUMBER:  
**A-1.1**



| LEGEND |   |
|--------|---|
|        | CEILING MOUNTED EXHAUST FAN TO EXTERIOR   |
|        | PHONE                                     |
|        | CATV                                      |
|        | 115 V DUPLEX RECEPTACLE @ 18" AFF. U.O.N. |
|        | 115 V GFCI DUPLEX RECEPTACLE              |
|        | 115 V WATER PROOF GFCI OUTLET             |
|        | 115 V ARCH FAULT CIRCUIT INTERRUPTER      |
|        | 3-WAY SWITCH                              |
|        | 4-WAY SWITCH                              |
|        | SINGLE POLE SWITCH                        |
|        | SWITCH w/ DIMMER CONTROL                  |
|        | SWITCH w/ OCCUPANT SENSOR                 |
|        | SMOKE DETECTOR, HARD-WIRED TOGETHER       |
|        | GAS STUB (SIZE AS REQ'D)                  |
|        | ELECTRIC SUB-PANEL                        |
|        | FAN                                       |
|        | HOSE BIB                                  |
|        | FLOOD LIGHT                               |
|        | RECESSED CAN LIGHT FIXTURE, FLUORESCENT   |
|        | RECESSED CAN LIGHT FIXTURE, STD RECESSED  |
|        | WALL MOUNTED LIGHT FIXTURE                |
|        | WALL MOUNTED EXTERIOR FIXTURE, DOWNCAST   |
|        | CEILING MOUNTED PENDANT FIXTURE           |
|        | CEILING MOUNTED LIGHT FIXTURE             |
|        | CEILING MOUNTED FAN w/ LIGHT FIXTURE      |
|        | PROVIDE SEPARATE SWITCH FOR FAN & LIGHT   |
|        | FLUORESCENT BAR LIGHT                     |
|        | CARBON MONOXIDE DETECTOR                  |
|        | EMERGENCY LIGHT                           |
|        | EXIT SIGN                                 |
|        | 2X4 FLUORESCENT LIGHT                     |
|        | LED 4' STRIP LIGHT 4000K                  |

- ### ELECTRICAL CALLOUTS
- PROVIDE A 200 AMP MINIMUM ELECTRIC SUB-PANEL WITH #4 UPPER GROUND TO FOUNDATION GFCI OUTLETS ON ALL ABOVE COUNTER OUTLETS IN BARN MOUNTED AT 44" ABOVE FINISH FLOOR (TYP).
  - CEILING MOUNTED OUTLET FOR BARN DOOR OPENER. PROVIDE AND INSTALL APPROVED BARN DOOR OPENER WITH REMOTE CONTROL.
  - PROVIDE SCHEDULE 40 PVC CONDUIT FROM THE LOAD SIDE OF THE NEW ELECTRICAL PANEL. DISCONNECT TO ATTIC AREA. CONDUIT SIZE SHALL BE AS FOLLOWS:  
100A 20 AMPS @ 120 VOLTS (1) 3/4" CONDUIT  
120A 24 AMPS @ 120 VOLTS (1) 3/4" CONDUIT  
150A 30 AMPS @ 120 VOLTS (1) 1" CONDUIT  
200A 40 AMPS @ 120 VOLTS (1) 1" CONDUIT  
400A 80 AMPS @ 120 VOLTS (1) 1 1/2" CONDUIT

### DOOR SCHEDULE

| SYM. | QTY. | SIZE   | NOTES           |
|------|------|--------|-----------------|
| A    | 1    | 4070   | EXT. SINGLE     |
| B    | 2    | 120120 | METAL SECTIONAL |

### LIGHTING NOTES

FOR RESIDENTIAL BUILDINGS AND SPACES, ALL OF THE LIGHTING REQUIREMENTS ARE MANDATORY MEASURES. THERE ARE NO TRADEOFFS BETWEEN LIGHTING AND OTHER BUILDING FEATURES AND LIGHTING IS NOT PART OF ANY COMPONENT PACKAGE UNDER THE PRESENT CONTRACT. THE RESIDENTIAL LIGHTING ENERGY STANDARDS APPLY ONLY TO PERMANENTLY INSTALLED LUMINAIRES, INCLUDING LUMINAIRES WITH EASILY INTERCHANGEABLE LAMPS, BUT DO NOT APPLY TO PORTABLE LUMINAIRES SUCH AS TABLE LAMPS OR FREESTANDING FLOOR LAMPS. ALL SECTION (S) AND TABLE REFERENCES IN THIS CHAPTER REFER TO SECTIONS AND TABLES CONTAINED IN TITLE 24 CALIFORNIA CODE OF REGULATIONS, PART 6, ALSO KNOWN AS THE ENERGY STANDARDS OR CALIFORNIA ENERGY CODE.

THE NEW REQUIREMENTS MAY BE SUMMARIZED AS FOLLOWS:  
THE 2016 ENERGY STANDARDS HAVE SIMPLIFIED THE RESIDENTIAL LIGHTING REQUIREMENTS THROUGH THE FOLLOWING IMPORTANT CHANGES:

- ALL LUMINAIRES INSTALLED IN RESIDENTIAL CONSTRUCTION MUST QUALIFY AS "HIGH EFFICACY LUMINAIRES." THIS ELIMINATES VARYING REQUIREMENTS BY ROOM AND TYPE OF CONTROLS. THIS ALSO ELIMINATES THE NEED TO CALCULATE THE WATTAGE OF LOW VERSUS HIGH EFFICACY LUMINAIRES IN THE KITCHEN.
- THE DEFINITION OF "HIGH EFFICACY LUMINAIRES" HAS BEEN EXPANDED. IT INCLUDES THE LIGHT SOURCES IDENTIFIED AS EFFICIENT IN 2013 (LINEAR FLUORESCENT, PIN BASED COMPACT FLUORESCENT, GU-24 BASE CFL, HID, AND INDUCTION LIGHTING), AND NOW ALSO INCLUDES ANY LUMINAIRE THAT CONTAINS A JAB COMPLIANT LAMP OR OTHER LIGHT SOURCE THAT IS APPROPRIATELY MARKED. JAB CONTAINS REQUIREMENTS THAT ENSURE THAT LIGHT SOURCES, INCLUDING LAMPS AND LUMINAIRES, PROVIDE SUFFICIENT COLOR QUALITY, LIFE, AND ENERGY EFFICIENCY. TABLE 150.0-A OF §150.0 CONTAINS THE DEFINITION.
- ALL PERMANENTLY INSTALLED LUMINAIRES WITH INTERCHANGEABLE LAMPS MUST CONTAIN LAMPS THAT COMPLY WITH THE REQUIREMENTS OF JOINT APPENDIX J (JAB) AND BE APPROPRIATELY MARKED TO BE CONSIDERED "HIGH EFFICACY LUMINAIRES."
- THE MARKING "JAB-2016" IS REQUIRED FOR COMPLIANCE AND SHALL ONLY BE USED ON LAMPS THAT MEET THE REQUIREMENTS OF JOINT APPENDIX J AND ARE LISTED IN THE ENERGY COMMISSION JAB DATABASE.
- THE MARKING "JAB-2016-E" INDICATES THAT IN ADDITION TO THE REQUIREMENTS ABOVE FOR A JAB-2016 LIGHT SOURCE, THE LIGHT SOURCE HAS BEEN TESTED TO PROVIDE LONG LIFE AT ELEVATED TEMPERATURES. LIGHT SOURCES MUST BE MARKED "JA 8-2016-E" IF THEY ARE TO BE USED IN ENCLOSED OR RECESSED LUMINAIRES.
- RECESSED DOWNLIGHT LUMINAIRES AND ENCLOSED LUMINAIRES ARE REQUIRED TO CONTAIN A JAB COMPLIANT LAMP THAT MEETS THE ELEVATED TEMPERATURE REQUIREMENT. RECESSED DOWNLIGHT LUMINAIRES WITH SCREW BASED SOCKETS ARE NO LONGER PERMITTED TO BE INSTALLED.
- THE BUILDER MUST PROVIDE THE NEW HOMEOWNER WITH A LUMINAIRE SCHEDULE (AS REQUIRED IN TITLE 24 CALIFORNIA CODE OF REGULATIONS, PART 1, §10-103(B)) THAT INCLUDES A LIST OF LAMPS INSTALLED IN THE LUMINAIRES SO THAT THE HOMEOWNER KNOWS WHAT LIGHT SOURCES THEY ARE ENTITLED TO WHEN THEY TAKE POSSESSION OF THE NEW HOME.
- INSPECTIONS FOR LIGHTING ARE REQUIRED TO BE STRAIGHTFORWARD AS ALL LUMINAIRES HAVE A HIGH EFFICACY LIGHT SOURCE AND THERE IS A COMPLETED LUMINAIRE SCHEDULE FOR THE INSPECTOR TO REVIEW.

IN ADDITION TO THESE CHANGES, THE 2016 ENERGY STANDARDS INCLUDE MINOR MODIFICATIONS TO THE LIGHTING CONTROLS REQUIREMENTS TO MAINTAIN CONSISTENCY WITH THE REQUIREMENTS FOR DIMMERS AND/OR VACANCY SENSORS.

#### 6.2 INDOOR LUMINAIRE REQUIREMENTS - ALL HIGH EFFICACY

A "LUMINAIRE" IS THE LIGHTING INDUSTRY'S TERM FOR A LIGHT FIXTURE, AND IS DEFINED BY §100.1 AS A COMPLETE LIGHTING UNIT CONSISTING OF A LIGHT SOURCE SUCH AS A LAMP OR LAMPS, TOGETHER WITH THE PARTS THAT DISTRIBUTE THE LIGHT, POSITION AND PROTECT THE LIGHT SOURCE AND CONNECT IT TO THE POWER SUPPLY. A "LAMP" IS THE LIGHTING INDUSTRY'S TERM FOR A LIGHT BULB OR SIMILAR SEPARABLE LIGHTING COMPONENT, AND IS DEFINED BY §100.1 AS AN ELECTRICAL APPLIANCE THAT PRODUCES OPTICAL RADIATION FOR THE PURPOSE OF VISUAL ILLUMINATION, DESIGNED WITH A BASE TO PROVIDE AN ELECTRICAL CONNECTION BETWEEN THE LAMP AND A LUMINAIRE, AND DESIGNED TO BE INSTALLED INTO A LUMINAIRE BY MEANS OF A LAMP-HOLDER INTEGRAL TO THE LUMINAIRE.

THE 2016 ENERGY STANDARDS REQUIRE ALL PERMANENTLY INSTALLED LUMINAIRE TO BE "HIGH EFFICACY," AS SPECIFIED IN §150.0(A). PERMANENTLY INSTALLED LIGHTING IS DEFINED IN §100.1 AND EXAMPLES OF PERMANENTLY INSTALLED LIGHTING INCLUDE:

- LIGHTING ATTACHED TO WALLS, CEILINGS, OR COLUMNS.
- TRACK AND FLEXIBLE LIGHTING SYSTEMS.
- LIGHTING INSIDE PERMANENTLY INSTALLED CABINETS.
- LIGHTING ATTACHED TO THE TOP OR BOTTOM OF PERMANENTLY INSTALLED CABINETS.
- LIGHTING ATTACHED TO CEILING FANS.
- LIGHTING INTEGRAL TO EXHAUST FANS.
- LIGHTING THAT IS INTEGRAL TO BARN DOOR OPENERS IF IT IS DESIGNED TO BE USED AS GENERAL LIGHTING IS SWITCHED INDEPENDENTLY FROM THE BARN DOOR OPENER, AND DOES NOT AUTOMATICALLY TURN OFF AFTER A PRE-DETERMINED AMOUNT OF TIME.

**THE FOLLOWING ARE EXAMPLES OF WHAT ARE NOT CONSIDERED TO BE PERMANENTLY INSTALLED LIGHTING:**

- PORTABLE LIGHTING AS DEFINED BY §100.1 (INCLUDING, BUT NOT LIMITED TO, TABLE AND FREESTANDING FLOOR LAMPS WITH PLUG-IN CONNECTIONS).
- LIGHTING INSTALLED BY THE MANUFACTURER IN REFRIGERATORS, STOVES, MICROWAVE OVENS, EXHAUST HOODS FOR COOKING EQUIPMENT, REFRIGERATED CASES, VENDING MACHINES, FOOD PREPARATION EQUIPMENT, AND SCIENTIFIC AND INDUSTRIAL EQUIPMENT.
- LIGHTING IN BARN DOOR OPENERS WHICH CONSISTS OF NO MORE THAN TWO SCREW-BASED SOCKETS INTEGRATED INTO THE BARN DOOR OPENER BY THE MANUFACTURER, WHERE THE LIGHTS AUTOMATICALLY TURN ON WHEN THE BARN DOOR IS ACTIVATED, AND AUTOMATICALLY TURN OFF AFTER A PRE-DETERMINED AMOUNT OF TIME.

#### 6.2.1 HIGH EFFICACY LUMINAIRE

"EFFICACY" IS A TERM USED IN THE LIGHTING INDUSTRY TO DESCRIBE THE OVERALL EFFECTIVENESS OF A LAMP OR LUMINAIRE, INCLUDING ITS ENERGY EFFICIENCY (EXPRESSED AS LUMENS/WATT). IN ORDER TO SIMPLIFY THE RESIDENTIAL LIGHTING REQUIREMENTS, THE ENERGY STANDARDS DEFINE CERTAIN LUMINAIRE TYPES AS "HIGH EFFICACY," MEANING THAT THEY POSSESS A HIGH LUMENS PER WATT EFFICIENCY AND DO NOT HAVE ANY ATTRIBUTES THAT WOULD MAKE THE LIGHT LESS EFFECTIVE OR LESS SUITABLE FOR RESIDENTIAL ILLUMINATION. AS NOTED ABOVE, THE 2016 ENERGY STANDARDS REQUIRE THAT ALL PERMANENTLY INSTALLED RESIDENTIAL LUMINAIRE MUST BE HIGH EFFICACY. HOWEVER, THE TYPES OF LUMINAIRE THAT CAN BE CONSIDERED HIGH EFFICACY HAVE ALSO BEEN REDEFINED.

CERTAIN TYPES OF LIGHT SOURCES ARE AUTOMATICALLY CLASSIFIED AS HIGH EFFICACY, UNLESS THEY ARE IN RECESSED DOWNLIGHT LUMINAIRE. LUMINAIRE IN ANY OF THE FOLLOWING CATEGORIES ARE AUTOMATICALLY CLASSIFIED AS HIGH EFFICACY:

- PIN-BASED LINEAR FLUORESCENT LUMINAIRE USING ELECTRONIC BALLASTS.
- PIN-BASED COMPACT FLUORESCENT LUMINAIRE USING ELECTRONIC BALLASTS.
- PULSE-START METAL HALIDE LUMINAIRE.
- HIGH PRESSURE SODIUM LUMINAIRE.
- LUMINAIRE WITH GU-24 SOCKETS OTHER THAN LEADS.
- LUMINAIRE WITH HARDWIRED HIGH FREQUENCY GENERATOR AND INDUCTION LAMP.
- INSEPARABLE SSL LUMINAIRE INSTALLED OUTDOORS.
- INSEPARABLE SSL LUMINAIRE WITH COLORED LIGHT SOURCES FOR DECORATIVE LIGHTING PURPOSE.

THE LUMINAIRE TYPES LISTED HERE ARE THE ONLY TYPES THAT ARE AUTOMATICALLY CLASSIFIED AS HIGH EFFICACY. ALL OTHER LUMINAIRE TYPES MUST HAVE A LIGHT SOURCE OR LAMP INSTALLED IN THEM AT THE TIME OF INSPECTION THAT MEETS THE REQUIREMENTS OF REFERENCE JOINT APPENDIX JAB.

NOTE: LUMINAIRE DO NOT NEED TO BE SHIPPED BY MANUFACTURERS WITH A JAB SOURCE INSTALLED.

#### 6.2.1.2 HIGH EFFICACY LIGHTING

LUMINAIRE NOT LISTED IN THE PREVIOUS SECTION MUST HAVE AN INTEGRAL LIGHT SOURCE OR REMOVABLE LAMP THAT MEETS THE PERFORMANCE REQUIREMENTS OF REFERENCE JOINT APPENDIX JAB. THE REQUIREMENTS IN JAB ARE DESIGNED TO ENSURE THAT NEW LIGHTING TECHNOLOGIES LIKE LED PROVIDE ENERGY EFFICIENT LIGHT, WHILE ALSO MAINTAINING PERFORMANCE CHARACTERISTICS THAT RESIDENTIAL CUSTOMERS EXPECT. IN ADDITION TO SETTING MINIMUM EFFICACY REQUIREMENTS, JAB ESTABLISHES PERFORMANCE REQUIREMENTS THAT ENSURE ACCURATE COLOR RENDITION, DIMMABILITY, AND REDUCED NOISE AND FLICKER DURING OPERATION.

LUMINAIRE WITH INTEGRAL SOURCES, SUCH AS LED LUMINAIRE, MUST BE CERTIFIED BY THE ENERGY COMMISSION AS MEETING THE REQUIREMENTS OF JAB. LUMINAIRE THAT HAVE CHANGEABLE LAMPS (SUCH AS SCREW BASE LUMINAIRE) MUST BE INSTALLED WITH LAMPS THAT HAVE BEEN CERTIFIED BY THE ENERGY COMMISSION AS MEETING THE REQUIREMENTS OF JAB. LUMINAIRE AND LAMPS THAT HAVE BEEN CERTIFIED BY THE ENERGY COMMISSION MUST BE MARKED WITH "JAB-2016" OR "JAB-2016-E" ON THE PRODUCT ITSELF. THE "JAB-2016-E" MARKING INDICATES THAT THE PRODUCT MEETS THE ELEVATED TEMPERATURE REQUIREMENT OF REFERENCE JOINT APPENDIX JAB AND IS SUITABLE FOR ELEVATED TEMPERATURE APPLICATIONS SUCH AS ENCLOSED AND RECESSED FIXTURES.

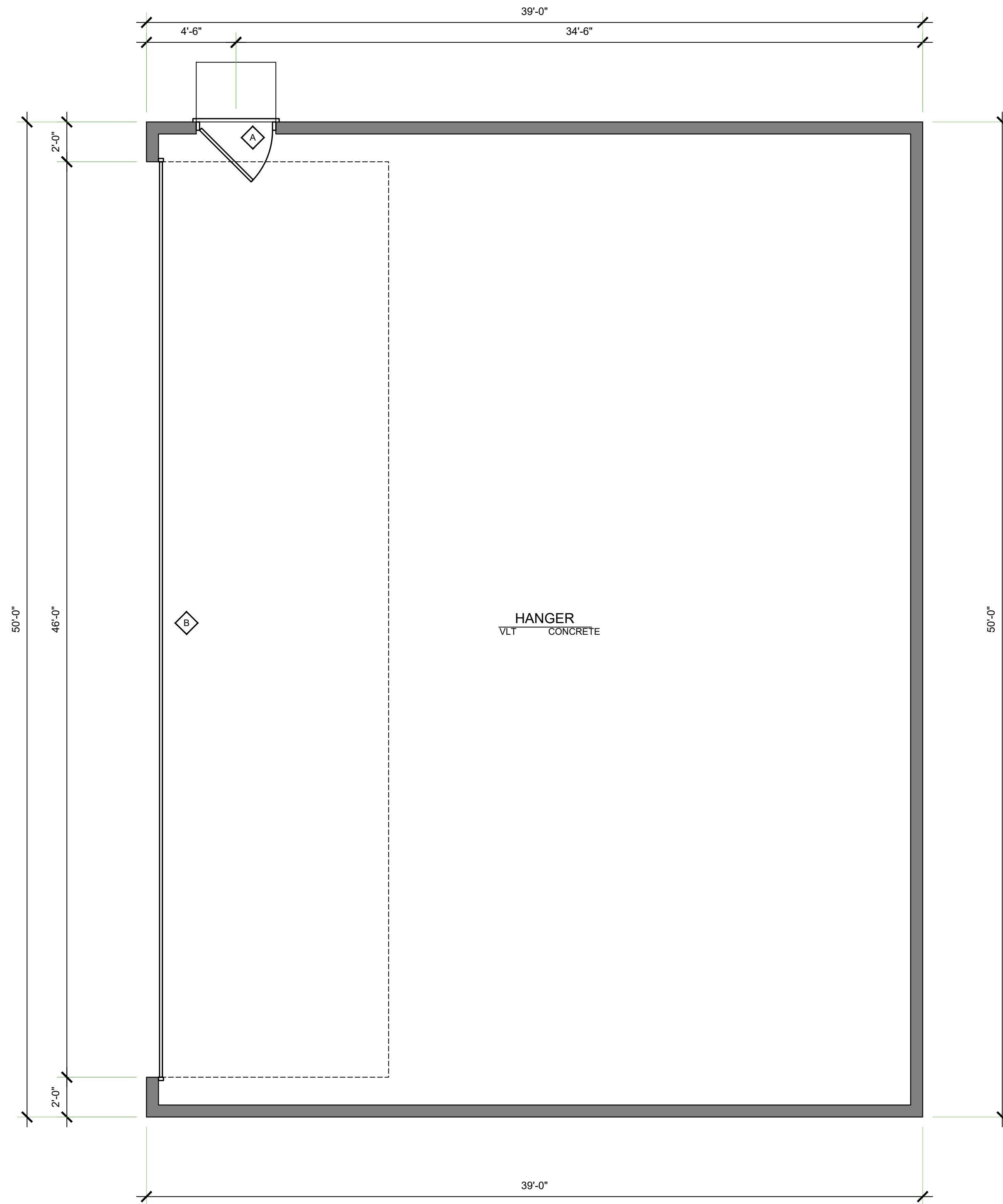
EXAMPLES OF LUMINAIRE THAT CAN BE CLASSIFIED AS HIGH EFFICACY BY MEETING THE REQUIREMENTS OF JAB INCLUDE:

- LED LUMINAIRE WITH INTEGRAL LIGHT SOURCES THAT ARE CERTIFIED TO THE ENERGY COMMISSION
- SCREW-BASED LUMINAIRE WITH JAB-CERTIFIED LAMPS
- LOW-VOLTAGE PIN-BASED LUMINAIRE WITH JAB-CERTIFIED LAMP

IN SHORT, ALMOST ANY LUMINAIRE CAN BE CLASSIFIED AS HIGH EFFICACY, AS LONG AS THE LUMINAIRE IS INSTALLED WITH A JAB COMPLIANT LAMP. THE EXCEPTION IS RECESSED DOWNLIGHT LUMINAIRE IN CEILING, WHICH MUST MEET ADDITIONAL REQUIREMENTS.

**TABLE 6-1: SUMMARY OF COMPLIANT LUMINAIRE TYPES**

| HIGH EFFICACY LUMINAIRE*  | JAB HIGH EFFICACY LIGHTING - LAMPS AND LIGHT SOURCES THAT MUST BE JAB-CERTIFIED   | *RECESSED DOWNLIGHT LUMINAIRE IN CEILING   |
|---|---|--|
| <ul style="list-style-type: none"> <li>PIN-BASED LINEAR FLUORESCENT</li> <li>PIN-BASED COMPACT FLUORESCENT</li> <li>PULSE-START METAL HALIDE</li> <li>HIGH PRESSURE SODIUM</li> <li>GU-24 OTHER THAN LEADS</li> <li>INSEPARABLE SSL LUMINAIRE</li> <li>INSTALLED OUTDOORS</li> <li>LUMINAIRE WITH INTEGRAL SOURCES</li> <li>INSEPARABLE SSL LUMINAIRE WITH COLORED LIGHT SOURCES FOR DECORATIVE LIGHTING PURPOSE</li> </ul> | <ul style="list-style-type: none"> <li>LIGHT SOURCES IN CEILING RECESSED DOWNLIGHT LUMINAIRE.*</li> <li>LED LUMINAIRE WITH INTEGRAL SOURCES</li> <li>SCREW-BASED LED LAMPS (A-LAMPS, PAR LAMPS, ETC.)</li> <li>PIN-BASED LED LAMPS (MR-16, AR-111, ETC.)</li> <li>GU-24 BASED LED LIGHT SOURCE</li> <li>ANY SOURCE OR LUMINAIRE NOT LISTED ELSEWHERE ON THIS TABLE</li> </ul> | <ul style="list-style-type: none"> <li>SHALL NOT HAVE SCREW BASED SOCKETS</li> <li>SHALL CONTAIN JAB-CERTIFIED LIGHT SOURCES</li> <li>SHALL MEET ALL PERFORMANCE REQUIREMENTS IN §150.0(K)(1)</li> </ul> |



**BUILDING "A" FLOOR PLAN**  
1/4" = 1'

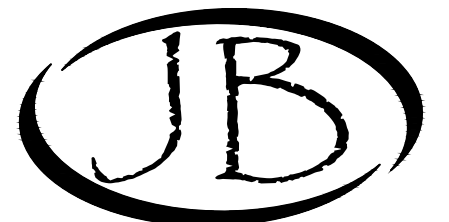
PLAN PREPARED FOR:  
**JOHN MOORE**  
4750 WING WAY 207  
PASO ROBLES, CA 93446

REVISION LOG

| REV. | DESCRIPTION | DATE |
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PROJECT NO. ---  
FILE NAME A-2.1 BUILDING  
DRAWN BY PLS  
DATE 2/24/2022 10:03 AM  
SHEET TITLE:



DRAFTING & DESIGN

CAD DESIGN - AS BUILTS  
RESIDENTIAL PLANS  
610 10TH ST. SUITE "D"  
PASO ROBLES, CA  
93446  
BUS. # (805) 237-0850  
FAX # (805) 237-0480

**ELEVATION NOTES**

1. METAL ROOF OVER OVER 30# MINIMUM ROOFING FELT (TYP)
2. METAL SIDING OVER APPROVED MOISER BARRIER
3. 24 GAUGE GI. FLASHING @ ALL ROOF TO WALL CONNECTIONS (TYP)
4. SLOPE AWAY FROM BUILDING 5% FOR 10'-0" MINIMUM (TYP)

**COLORS**

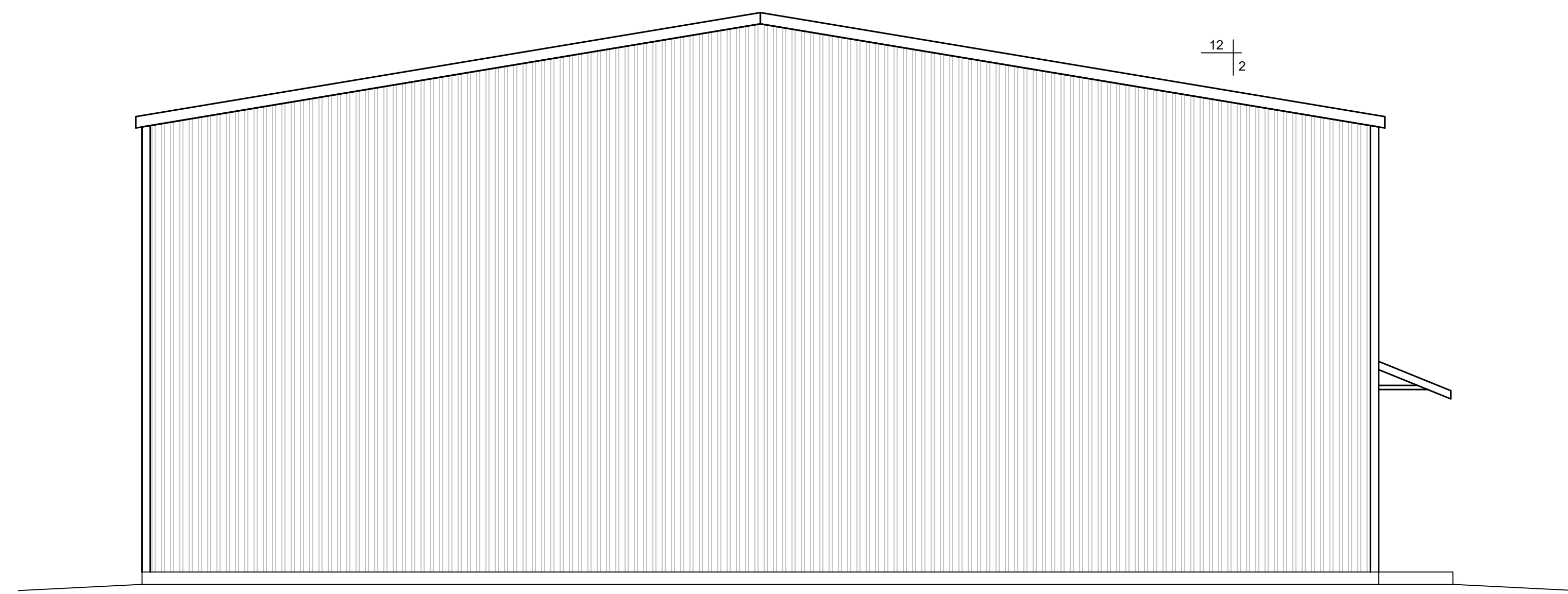
1. SIERRA TAN = DOORS, TRIM GUTTERS AND AWNINGS
2. LIGHT STONE = BUILDING BODY AND ROOF



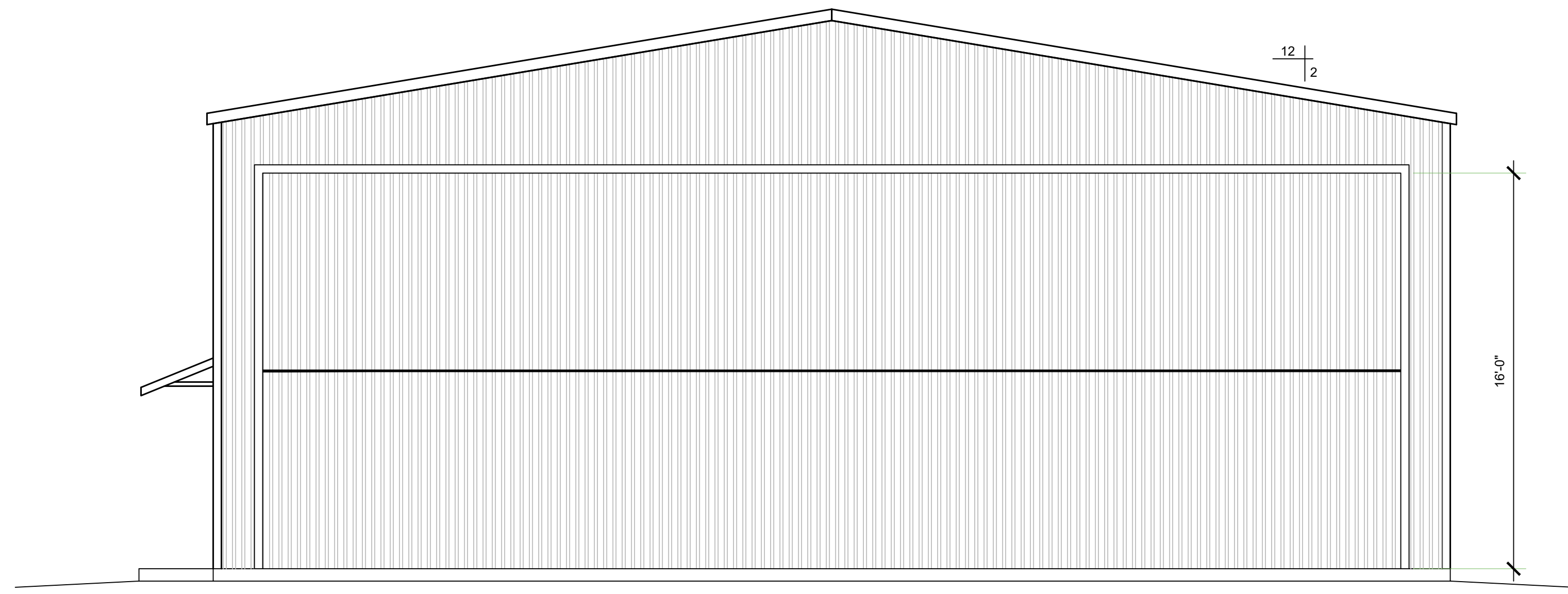
Sierra Tan (10)  
SR = 0.51 TE = 0.84 SRI = 58 ES



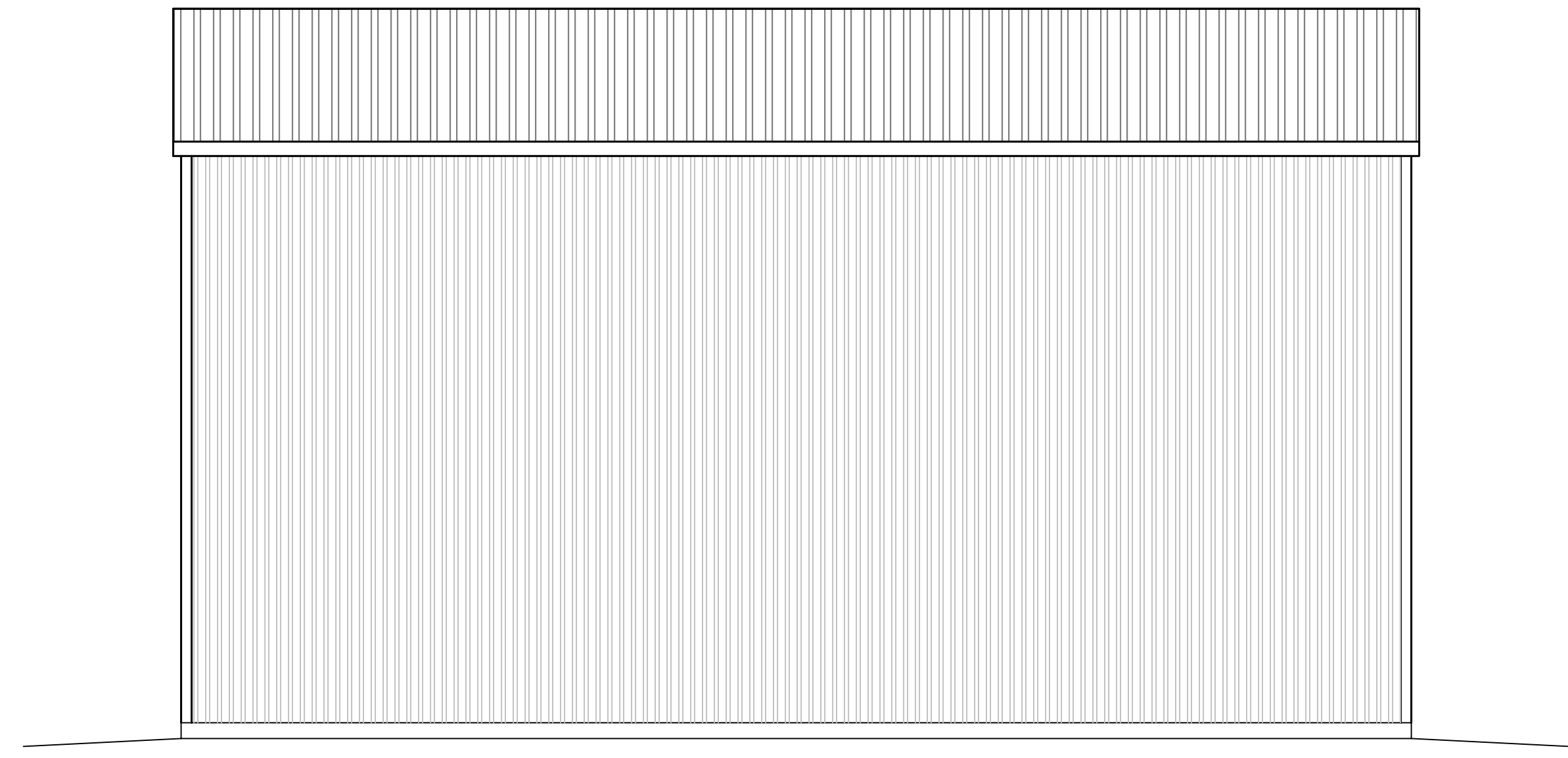
Light Stone (03)  
SR = 0.65 TE = 0.87 SRI = 70 ES



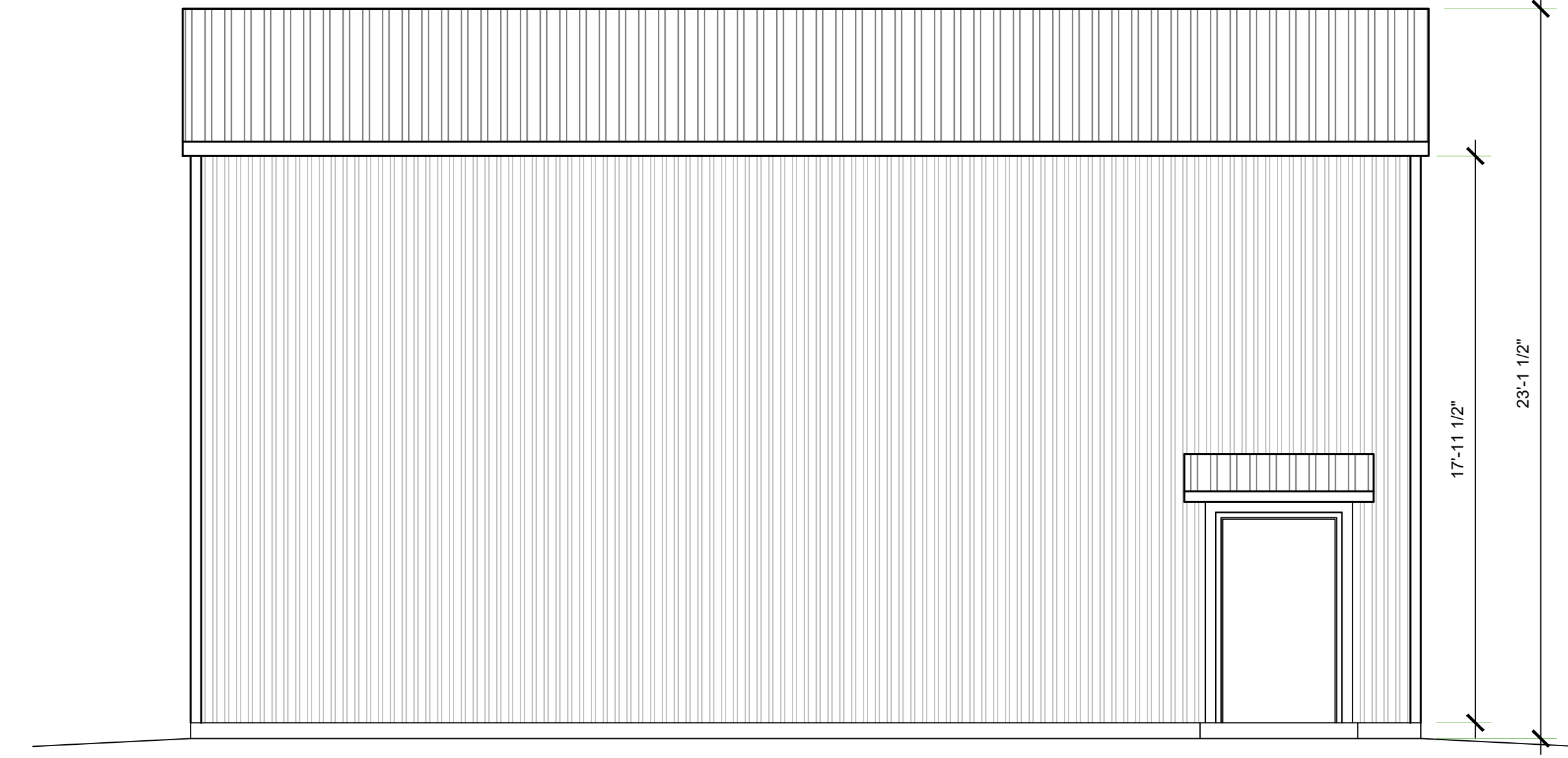
**REAR ELEVATION BUILDING A**  
1/4" = 1'



**FRONT ELEVATION BUILDING A**  
1/4" = 1'



**RIGHT ELEVATION BUILDING A**  
1/4" = 1'



**LEFT ELEVATION BUILDING A**  
1/4" = 1'

PLAN PREPARED FOR:  
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4750 WING WAY 207  
PASO ROBLES, CA 93446

**REVISION LOG**

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PROJECT NO. ---  
FILE NAME A-2.2 BUILDING  
DRAWN BY JMK ELEVATIONS.DWG  
DATE 2/24/2022 10:03 AM  
SHEET TITLE:

\\p001\p1\2022\plans\residential\A-2.2 BUILDING A ELEVATIONS.dwg, Nov 10/2022 11:46:58 AM



| LEGEND |   |
|--------|---|
|        | CEILING MOUNTED EXHAUST FAN TO EXTERIOR   |
|        | PHONE   |
|        | CATV  |
|        | 115 V DUPLEX RECEPTACLE @ +18" AFF. U.O.N.                                      |
|        | 115 V GFCI DUPLEX RECEPTACLE  |
|        | 115 V WATER PROOF GFCI OUTLET   |
|        | 115 V ARCH FAULT CIRCUIT INTERRUPTER  |
|        | 3-WAY SWITCH  |
|        | 4-WAY SWITCH  |
|        | SINGLE POLE SWITCH  |
|        | SWITCH w/ DIMMER CONTROL  |
|        | SWITCH w/ OCCUPANT SENSOR   |
|        | SMOKE DETECTOR, HARD-WIRED TOGETHER   |
|        | GAS STUB (SIZE AS REQ'D)  |
|        | ELECTRIC SUB-PANEL  |
|        | FAN   |
|        | HOSE BIB  |
|        | FLOOD LIGHT   |
|        | RECESSED CAN LIGHT FIXTURE, FLUORESCENT   |
|        | RECESSED CAN LIGHT FIXTURE, STD RECESSED  |
|        | WALL MOUNTED LIGHT FIXTURE  |
|        | WALL MOUNTED EXTERIOR FIXTURE, DOWNCAST   |
|        | CEILING MOUNTED PENDANT FIXTURE   |
|        | CEILING MOUNTED LIGHT FIXTURE   |
|        | CEILING MOUNTED FAN w/ LIGHT FIXTURE<br>PROVIDE SEPARATE SWITCH FOR FAN & LIGHT |
|        | FLUORESCENT BAR LIGHT   |
|        | CARBON MONOXIDE DETECTOR  |
|        | EMERGENCY LIGHT   |
|        | EXIT SIGN   |
|        | 2X4 FLUORESCENT LIGHT   |
|        | LED 4' STRIP LIGHT 4000K  |

- ### ELECTRICAL CALLOUTS
- PROVIDE A 200 AMP MINIMUM ELECTRIC SUB-PANEL WITH #4 UPPER GROUND TO FOUNDATION GFCI OUTLETS ON ALL ABOVE COUNTER OUTLETS IN BARN MOUNTED AT 44" ABOVE FINISH FLOOR (TYP).
  - CEILING MOUNTED OUTLET FOR BARN DOOR OPENER. PROVIDE AND INSTALL APPROVED BARN DOOR OPENER WITH REMOTE CONTROL.
  - PROVIDE SCHEDULE 40 PVC CONDUIT FROM THE LOAD SIDE OF THE NEW ELECTRICAL PANEL. DISCONNECT TO ATTIC AREA. CONDUIT SIZE SHALL BE AS FOLLOWS:  
100A 20 AMPS @ 120 VOLTS (1) 3/4" CONDUIT  
120A 24 AMPS @ 120 VOLTS (1) 3/4" CONDUIT  
150A 30 AMPS @ 120 VOLTS (1) 1" CONDUIT  
200A 40 AMPS @ 120 VOLTS (1) 1" CONDUIT  
400A 80 AMPS @ 120 VOLTS (1) 1 1/2" CONDUIT

### DOOR SCHEDULE

| SYM. | QTY. | SIZE   | NOTES           |
|------|------|--------|-----------------|
| A    | 1    | 4070   | EXT. SINGLE     |
| B    | 2    | 120120 | METAL SECTIONAL |

### LIGHTING NOTES

FOR RESIDENTIAL BUILDINGS AND SPACES, ALL OF THE LIGHTING REQUIREMENTS ARE MANDATORY MEASURES. THERE ARE NO TRADEOFFS BETWEEN LIGHTING AND OTHER BUILDING FEATURES AND LIGHTING IS NOT PART OF ANY CONCEPT OR PACKAGE UNDER THE PRESENT CONTRACT. THE RESIDENTIAL LIGHTING ENERGY STANDARDS APPLY ONLY TO PERMANENTLY INSTALLED LUMINAIRES, INCLUDING LUMINAIRES WITH EASILY INTERCHANGEABLE LAMPS, BUT DO NOT APPLY TO PORTABLE LUMINAIRES SUCH AS TABLE LAMPS OR FREESTANDING FLOOR LAMPS. ALL SECTION (S) AND TABLE REFERENCES IN THIS CHAPTER REFER TO SECTIONS AND TABLES CONTAINED IN TITLE 24 CALIFORNIA CODE OF REGULATIONS, PART 6, ALSO KNOWN AS THE ENERGY STANDARDS OR CALIFORNIA ENERGY CODE.

THE NEW REQUIREMENTS MAY BE SUMMARIZED AS FOLLOWS:  
THE 2016 ENERGY STANDARDS HAVE SIMPLIFIED THE RESIDENTIAL LIGHTING REQUIREMENTS THROUGH THE FOLLOWING IMPORTANT CHANGES:

- ALL LUMINAIRES INSTALLED IN RESIDENTIAL CONSTRUCTION MUST QUALIFY AS "HIGH EFFICACY LUMINAIRES." THIS ELIMINATES VARYING REQUIREMENTS BY ROOM AND TYPE OF CONTROLS. THIS ALSO ELIMINATES THE NEED TO CALCULATE THE WATTAGE OF LOW VERSUS HIGH EFFICACY LUMINAIRES IN THE KITCHEN.
- THE DEFINITION OF "HIGH EFFICACY LUMINAIRES" HAS BEEN EXPANDED. IT INCLUDES THE LIGHT SOURCES IDENTIFIED AS EFFICIENT IN 2013 (LINEAR FLUORESCENT, PIN BASED COMPACT FLUORESCENT, GU-24 BASE CFL, HID, AND INDUCTION LIGHTING), AND NOW ALSO INCLUDES ANY LUMINAIRE THAT CONTAINS A JAB COMPLIANT LAMP OR OTHER LIGHT SOURCE THAT IS APPROPRIATELY MARKED. JAB CONTAINS REQUIREMENTS THAT ENSURE THAT LIGHT SOURCES, INCLUDING LAMPS AND LUMINAIRES, PROVIDE SUFFICIENT COLOR QUALITY, LIFE, AND ENERGY EFFICIENCY. TABLE 150.0-A OF §150.0 CONTAINS THE DEFINITION.
- ALL PERMANENTLY INSTALLED LUMINAIRES WITH INTERCHANGEABLE LAMPS MUST CONTAIN LAMPS THAT COMPLY WITH THE REQUIREMENTS OF JOINT APPENDIX B (JAB) AND BE APPROPRIATELY MARKED TO BE CONSIDERED "HIGH EFFICACY LUMINAIRES."
- THE MARKING "JAB-2016" IS REQUIRED FOR COMPLIANCE AND SHALL ONLY BE USED ON LAMPS THAT MEET THE REQUIREMENTS OF JOINT APPENDIX B AND ARE LISTED IN THE ENERGY COMMISSION JAB DATABASE.
- THE MARKING "JAB-2016-E" INDICATES THAT IN ADDITION TO THE REQUIREMENTS ABOVE FOR A JAB-2016 LIGHT SOURCE, THE LIGHT SOURCE HAS BEEN TESTED TO PROVIDE LONG LIFE AT ELEVATED TEMPERATURES. LIGHT SOURCES MUST BE MARKED "JA 8-2016-E" IF THEY ARE TO BE USED IN ENCLOSED OR RECESSED LUMINAIRES.
- RECESSED DOWNLIGHT LUMINAIRES AND ENCLOSED LUMINAIRES ARE REQUIRED TO CONTAIN A JAB COMPLIANT LAMP THAT MEETS THE ELEVATED TEMPERATURE REQUIREMENT. RECESSED DOWNLIGHT LUMINAIRES WITH SCREW BASED SOCKETS ARE NO LONGER PERMITTED TO BE INSTALLED.
- THE BUILDER MUST PROVIDE THE NEW HOMEOWNER WITH A LUMINAIRE SCHEDULE (AS REQUIRED IN TITLE 24 CALIFORNIA CODE OF REGULATIONS, PART 1, §10-103(B)) THAT INCLUDES A LIST OF LAMPS INSTALLED IN THE LUMINAIRES SO THAT THE HOMEOWNER KNOWS WHAT LIGHT SOURCES THEY ARE ENTITLED TO WHEN THEY TAKE POSSESSION OF THE NEW HOME.
- INSPECTIONS FOR LIGHTING ARE MORE STRAIGHTFORWARD AS ALL LUMINAIRES HAVE A HIGH EFFICACY LIGHT SOURCE AND THERE IS A COMPLETED LUMINAIRE SCHEDULE FOR THE INSPECTOR TO REVIEW.

IN ADDITION TO THESE CHANGES, THE 2016 ENERGY STANDARDS INCLUDE MINOR MODIFICATIONS TO THE LIGHTING CONTROLS REQUIREMENTS TO MAINTAIN CONSISTENCY WITH THE REQUIREMENTS FOR DIMMERS AND/OR VACANCY SENSORS.

### 6.2 INDOOR LUMINAIRE REQUIREMENTS - ALL HIGH EFFICACY

A "LUMINAIRE" IS THE LIGHTING INDUSTRY'S TERM FOR A LIGHT FIXTURE, AND IS DEFINED BY §100.1 AS A COMPLETE LIGHTING UNIT CONSISTING OF A LIGHT SOURCE SUCH AS A LAMP OR LAMPS, TOGETHER WITH THE PARTS THAT DISTRIBUTE THE LIGHT, POSITION AND PROTECT THE LIGHT SOURCE AND CONNECT IT TO THE POWER SUPPLY. A "LAMP" IS THE LIGHTING INDUSTRY'S TERM FOR A LIGHT BULB OR SIMILAR SEPARABLE LIGHTING COMPONENT, AND IS DEFINED BY §100.1 AS AN ELECTRICAL APPLIANCE THAT PRODUCES OPTICAL RADIATION FOR THE PURPOSE OF VISUAL ILLUMINATION, DESIGNED WITH A BASE TO PROVIDE AN ELECTRICAL CONNECTION BETWEEN THE LAMP AND A LUMINAIRE, AND DESIGNED TO BE INSTALLED INTO A LUMINAIRE BY MEANS OF A LAMP-HOLDER INTEGRAL TO THE LUMINAIRE.

THE 2016 ENERGY STANDARDS REQUIRE ALL PERMANENTLY INSTALLED LUMINAIRES TO BE "HIGH EFFICACY," AS SPECIFIED IN §150.0(A). PERMANENTLY INSTALLED LIGHTING IS DEFINED IN §100.1 AND EXAMPLES OF PERMANENTLY INSTALLED LIGHTING INCLUDE:

- LIGHTING ATTACHED TO WALLS, CEILINGS, OR COLUMNS.
- TRACK AND FLEXIBLE LIGHTING SYSTEMS.
- LIGHTING INSIDE PERMANENTLY INSTALLED CABINETS.
- LIGHTING ATTACHED TO THE TOP OR BOTTOM OF PERMANENTLY INSTALLED CABINETS.
- LIGHTING ATTACHED TO CEILING FANS.
- LIGHTING INTEGRAL TO EXHAUST FANS.
- LIGHTING THAT IS INTEGRAL TO BARN DOOR OPENERS IF IT IS DESIGNED TO BE USED AS GENERAL LIGHTING IS SWITCHED INDEPENDENTLY FROM THE BARN DOOR OPENER, AND DOES NOT AUTOMATICALLY TURN OFF AFTER A PRE-DETERMINED AMOUNT OF TIME.

**THE FOLLOWING ARE EXAMPLES OF WHAT ARE NOT CONSIDERED TO BE PERMANENTLY INSTALLED LIGHTING:**

- PORTABLE LIGHTING AS DEFINED BY §100.1 (INCLUDING, BUT NOT LIMITED TO, TABLE AND FREESTANDING FLOOR LAMPS WITH PLUG-IN CONNECTIONS).
- LIGHTING INSTALLED BY THE MANUFACTURER IN REFRIGERATORS, STOVES, MICROWAVE OVENS, EXHAUST HOODS FOR COOKING EQUIPMENT, REFRIGERATED CASES, VENDING MACHINES, FOOD PREPARATION EQUIPMENT, AND SCIENTIFIC AND INDUSTRIAL EQUIPMENT.
- LIGHTING IN BARN DOOR OPENERS WHICH CONSISTS OF NO MORE THAN TWO SCREW-BASED SOCKETS INTEGRATED INTO THE BARN DOOR OPENER BY THE MANUFACTURER, WHERE THE LIGHTS AUTOMATICALLY TURN ON WHEN THE BARN DOOR IS ACTIVATED, AND AUTOMATICALLY TURN OFF AFTER A PRE-DETERMINED AMOUNT OF TIME.

### 6.2.1 HIGH EFFICACY LUMINAIRES

"EFFICACY" IS A TERM USED IN THE LIGHTING INDUSTRY TO DESCRIBE THE OVERALL EFFECTIVENESS OF A LAMP OR LUMINAIRE, INCLUDING ITS ENERGY EFFICIENCY (EXPRESSED AS LUMENS/WATT). IN ORDER TO SIMPLIFY THE RESIDENTIAL LIGHTING REQUIREMENTS, THE ENERGY STANDARDS DEFINE CERTAIN LUMINAIRE TYPES AS "HIGH EFFICACY," MEANING THAT THEY POSSESS A HIGH LUMENS PER WATT EFFICIENCY AND DO NOT HAVE ANY ATTRIBUTES THAT WOULD MAKE THE LIGHT LESS EFFECTIVE OR LESS SUITABLE FOR RESIDENTIAL ILLUMINATION, AS NOTED ABOVE. THE 2016 ENERGY STANDARDS REQUIRE THAT ALL PERMANENTLY INSTALLED RESIDENTIAL LUMINAIRES MUST BE HIGH EFFICACY. HOWEVER, THE TYPES OF LUMINAIRES THAT CAN BE CONSIDERED HIGH EFFICACY HAVE ALSO BEEN REDEFINED.

CERTAIN TYPES OF LIGHT SOURCES ARE AUTOMATICALLY CLASSIFIED AS HIGH EFFICACY, UNLESS THEY ARE IN RECESSED DOWNLIGHT LUMINAIRES. LUMINAIRES IN ANY OF THE FOLLOWING CATEGORIES ARE AUTOMATICALLY CLASSIFIED AS HIGH EFFICACY:

- PIN-BASED LINEAR FLUORESCENT LUMINAIRES USING ELECTRONIC BALLASTS.
- PIN-BASED COMPACT FLUORESCENT LUMINAIRES USING ELECTRONIC BALLASTS.
- PULSE-START METAL HALIDE LUMINAIRES.
- HIGH PRESSURE SODIUM LUMINAIRES.
- LUMINAIRES WITH GU-24 SOCKETS OTHER THAN LEADS.
- LUMINAIRES WITH HARDWIRED HIGH FREQUENCY GENERATOR AND INDUCTION LAMP.
- INSEPARABLE SSL LUMINAIRES INSTALLED OUTDOORS.
- INSEPARABLE SSL LUMINAIRES WITH COLORED LIGHT SOURCES FOR DECORATIVE LIGHTING PURPOSE.

THE LUMINAIRE TYPES LISTED HERE ARE THE ONLY TYPES THAT ARE AUTOMATICALLY CLASSIFIED AS HIGH EFFICACY. ALL OTHER LUMINAIRE TYPES MUST HAVE A LIGHT SOURCE OR LAMP INSTALLED IN THEM AT THE TIME OF INSPECTION THAT MEETS THE REQUIREMENTS OF REFERENCE JOINT APPENDIX JAB.

NOTE: LUMINAIRES DO NOT NEED TO BE SHIPPED BY MANUFACTURERS WITH A JAB SOURCE INSTALLED.

### 6.2.1.2 HIGH EFFICACY LIGHTING

LUMINAIRES NOT LISTED IN THE PREVIOUS SECTION MUST HAVE AN INTEGRAL LIGHT SOURCE OR REMOVABLE LAMP THAT MEETS THE PERFORMANCE REQUIREMENTS OF REFERENCE JOINT APPENDIX JAB. THE REQUIREMENTS IN JAB ARE DESIGNED TO ENSURE THAT NEW LIGHTING TECHNOLOGIES LIKE LED PROVIDE ENERGY EFFICIENT LIGHT, WHILE ALSO MAINTAINING PERFORMANCE CHARACTERISTICS THAT RESIDENTIAL CUSTOMERS EXPECT. IN ADDITION TO SETTING MINIMUM EFFICACY REQUIREMENTS, JAB ESTABLISHES PERFORMANCE REQUIREMENTS THAT ENSURE ACCURATE COLOR RENDITION, DIMMABILITY, AND REDUCED NOISE AND FLICKER DURING OPERATION.

LUMINAIRES WITH INTEGRAL SOURCES, SUCH AS LED LUMINAIRES, MUST BE CERTIFIED BY THE ENERGY COMMISSION AS MEETING THE REQUIREMENTS OF JAB. LUMINAIRES THAT HAVE CHANGEABLE LAMPS (SUCH AS SCREW BASE LUMINAIRES) MUST BE INSTALLED WITH LAMPS THAT HAVE BEEN CERTIFIED BY THE ENERGY COMMISSION AS MEETING THE REQUIREMENTS OF JAB. LUMINAIRES AND LAMPS THAT HAVE BEEN CERTIFIED BY THE ENERGY COMMISSION MUST BE MARKED WITH "JAB-2016" OR "JAB-2016-E" ON THE PRODUCT ITSELF. THE "JAB-2016-E" MARKING INDICATES THAT THE PRODUCT MEETS THE ELEVATED TEMPERATURE REQUIREMENT OF REFERENCE JOINT APPENDIX JAB AND IS SUITABLE FOR ELEVATED TEMPERATURE APPLICATIONS SUCH AS ENCLOSED AND RECESSED FIXTURES.

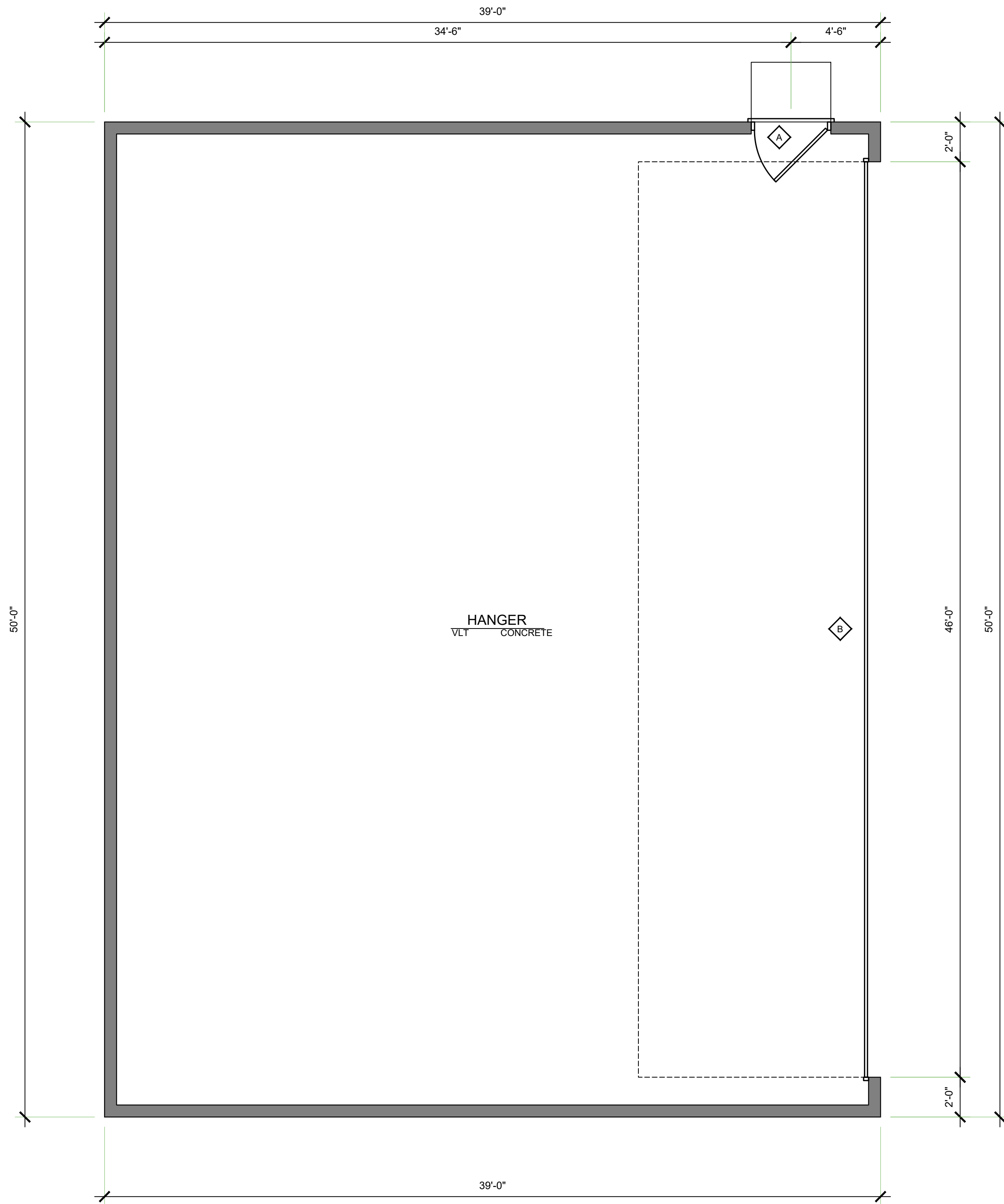
EXAMPLES OF LUMINAIRES THAT CAN BE CLASSIFIED AS HIGH EFFICACY BY MEETING THE REQUIREMENTS OF JAB INCLUDE:

- LED LUMINAIRES WITH INTEGRAL LIGHT SOURCES THAT ARE CERTIFIED TO THE ENERGY COMMISSION
- SCREW-BASED LUMINAIRES WITH JAB-CERTIFIED LAMPS
- LOW-VOLTAGE PIN-BASED LUMINAIRES WITH JAB-CERTIFIED LAMPS

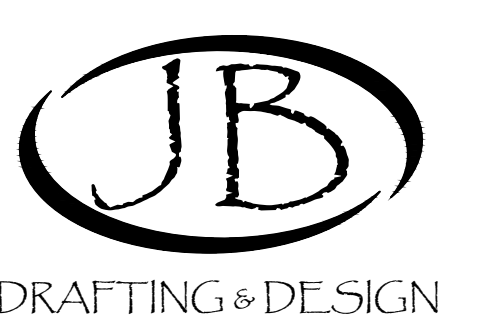
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TABLE 6-1: SUMMARY OF COMPLIANT LUMINAIRE TYPES

| HIGH EFFICACY LUMINAIRES*  | JAB HIGH EFFICACY LIGHTING - LAMPS AND LIGHT SOURCES THAT MUST BE JAB-CERTIFIED   | RECESSED DOWNLIGHT LUMINAIRES IN CEILINGS  |
|--|---|--|
| <ul style="list-style-type: none"> <li>PIN-BASED LINEAR FLUORESCENT</li> <li>PIN-BASED COMPACT FLUORESCENT</li> <li>PULSE-START METAL HALIDE</li> <li>HIGH PRESSURE SODIUM</li> <li>GU-24 OTHER THAN LEADS</li> <li>INSEPARABLE SSL LUMINAIRES</li> <li>INSTALLED OUTDOORS</li> <li>INSEPARABLE SSL LUMINAIRES WITH COLORED LIGHT SOURCES FOR DECORATIVE LIGHTING PURPOSE</li> </ul> | <ul style="list-style-type: none"> <li>LIGHT SOURCES IN CEILING RECESSED DOWNLIGHT LUMINAIRES *</li> <li>LED LUMINAIRES WITH INTEGRAL SOURCES</li> <li>SCREW-BASED LED LAMPS (A-LAMPS, PAR LAMPS, ETC.)</li> <li>PIN-BASED LED LAMPS (MR-16, AR-111, ETC.)</li> <li>GU-24 BASED LED LIGHT SOURCE</li> <li>ANY SOURCE OR LUMINAIRE NOT LISTED ELSEWHERE ON THIS TABLE</li> </ul> | <ul style="list-style-type: none"> <li>SHALL NOT HAVE SCREW BASED SOCKETS</li> <li>SHALL CONTAIN JAB-CERTIFIED LIGHT SOURCES</li> <li>SHALL MEET ALL PERFORMANCE REQUIREMENTS IN §150.0(K)(1)</li> </ul> |



**BUILDING "A" FLOOR PLAN**  
1/4" = 1'



DRAFTING & DESIGN  
CAD DESIGN - AS BUILTS  
RESIDENTIAL PLANS  
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PASO ROBLES, CA  
93446  
BUS: # (805) 237-0850  
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PLAN PREPARED FOR:  
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4750 WING WAY 207  
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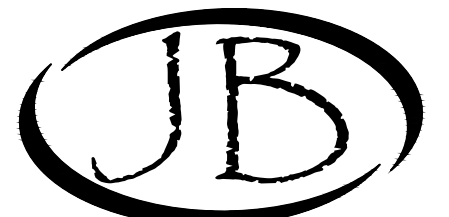
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| REV. | DESCRIPTION | DATE |
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PROJECT NO. ---  
FILE NAME A-3.1 BUILDING  
DRAWN BY J.B.  
DATE 2/24/2022 10:03 AM

SHEET TITLE:  
SHEET NUMBER:



DRAFTING & DESIGN

CAD DESIGN - AS BUILTS  
RESIDENTIAL PLANS  
610 10TH ST. SUITE "D"  
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93446  
BUS.#(805)237-0850  
FAX #(805)237-0480

**ELEVATION NOTES**

1. METAL ROOF OVER OVER 30# MINIMUM ROOFING FELT (TYP)
2. METAL SIDING OVER APPROVED MOISTER BARRIER
3. 24 GAUGE GI. FLASHING @ ALL ROOF TO WALL CONNECTIONS (TYP)
4. SLOPE AWAY FROM BUILDING 5% FOR 10'-0" MINIMUM (TYP)

**COLORS**

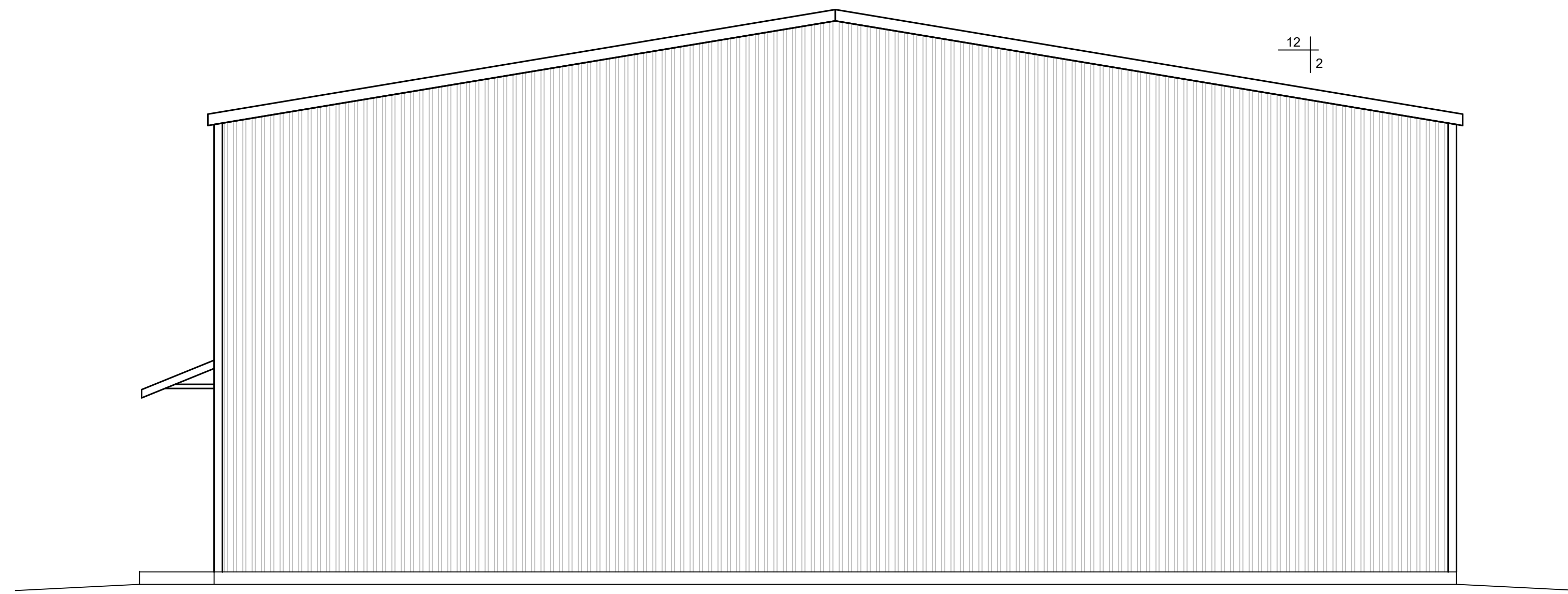
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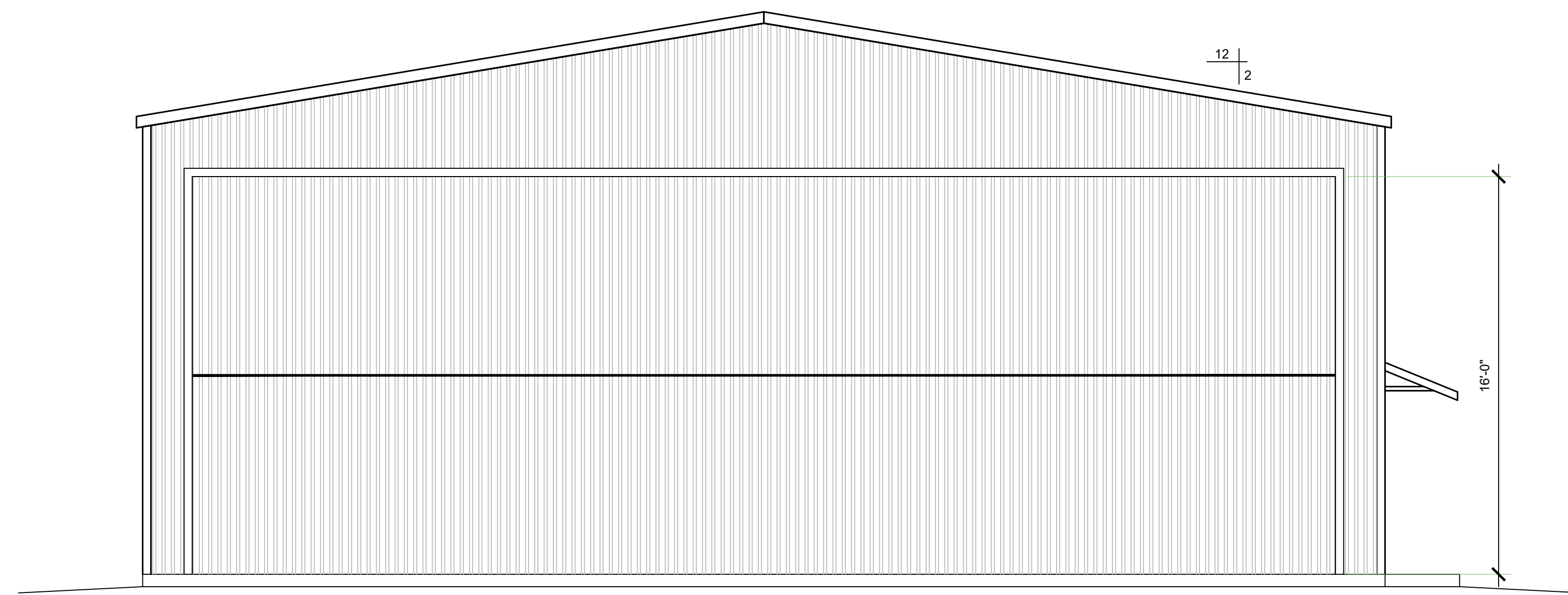
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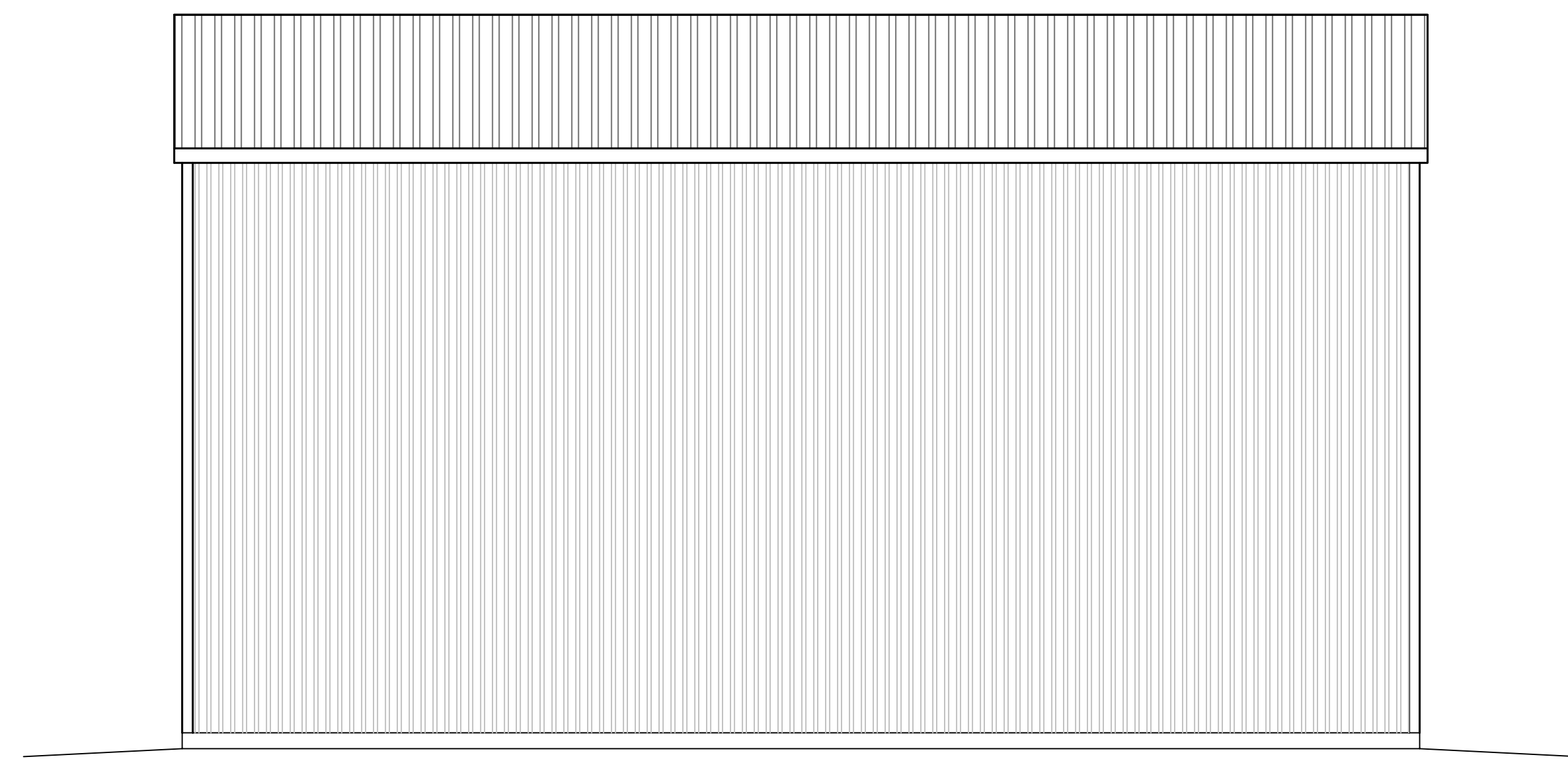
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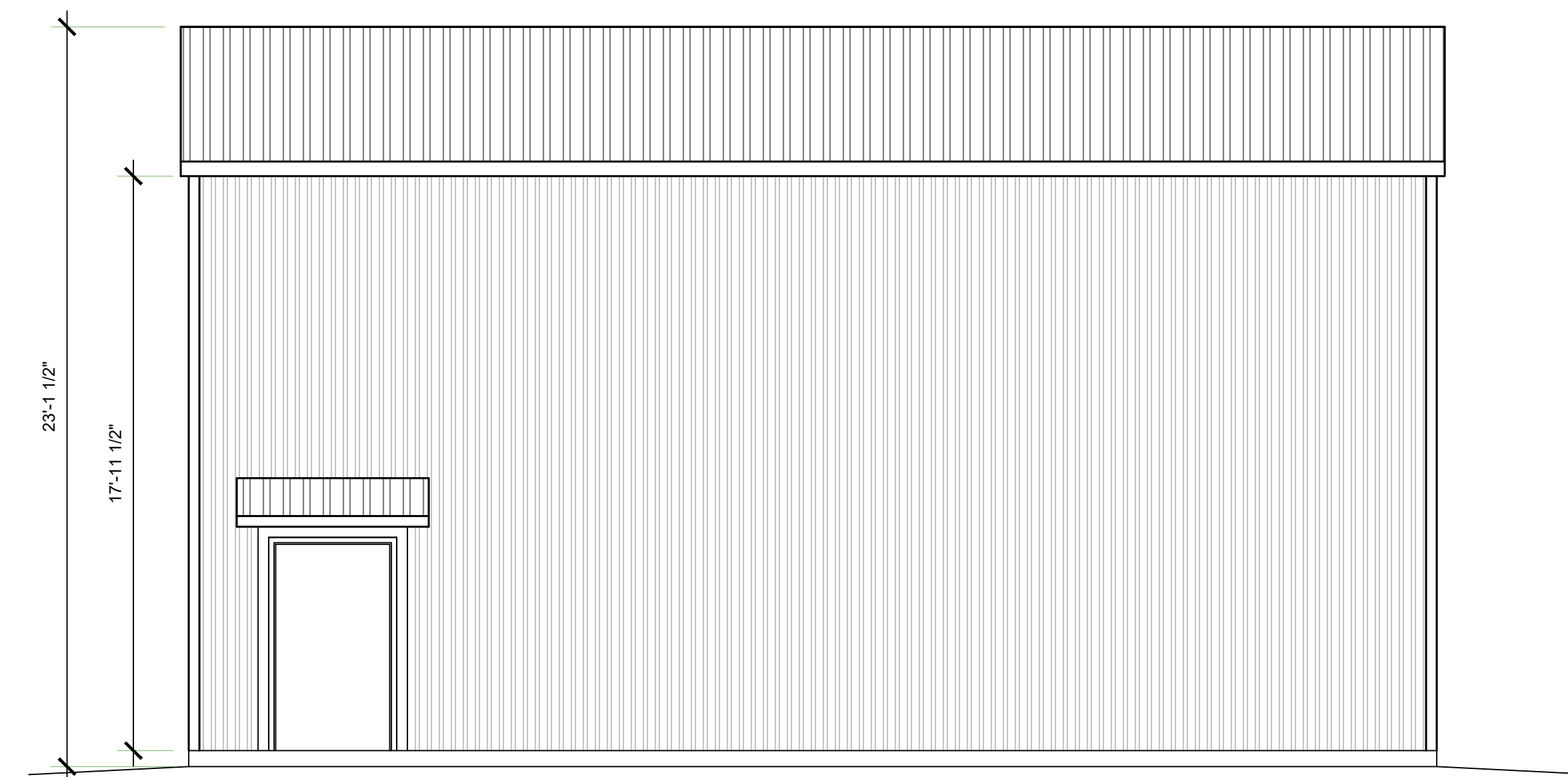
**REAR ELEVATION BUILDING A1**  
1/4" = 1'



**FRONT ELEVATION BUILDING A1**  
1/4" = 1'



**RIGHT ELEVATION BUILDING A1**  
1/4" = 1'



**LEFT ELEVATION BUILDING A1**  
1/4" = 1'

PLAN PREPARED FOR:  
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| REV. | DESCRIPTION | DATE |
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PROJECT NO. ---  
FILE NAME A-3.2 BUILDING  
DRAWN BY JMK ELEVATIONS.DWG  
DATE 2/24/2022 10:03 AM  
SHEET TITLE:

\\p0001410\p0001410\jmk\projects\2022\A-3.2 BUILDING A1 ELEVATIONS.dwg 2/24/2022 11:12:03 AM



| LEGEND |   |
|--------|---|
|        | CEILING MOUNTED EXHAUST FAN TO EXTERIOR   |
|        | PHONE   |
|        | CATV  |
|        | 115 V DUPLEX RECEPTACLE @ 18" AFF. U.O.N.                                       |
|        | 115 V GFCI DUPLEX RECEPTACLE  |
|        | 115 V WATER PROOF GFCI OUTLET   |
|        | 115 V ARCH FAULT CIRCUIT INTERRUPTER  |
|        | 3-WAY SWITCH  |
|        | 4-WAY SWITCH  |
|        | SINGLE POLE SWITCH  |
|        | SWITCH w/ DIMMER CONTROL  |
|        | SWITCH w/ OCCUPANT SENSOR   |
|        | SMOKE DETECTOR, HARD-WIRED TOGETHER   |
|        | GAS STUB (SIZE AS REQ'D)  |
|        | ELECTRIC SUB-PANEL  |
|        | FAN   |
|        | HOSE BIB  |
|        | FLOOD LIGHT   |
|        | RECESSED CAN LIGHT FIXTURE, FLUORESCENT   |
|        | RECESSED CAN LIGHT FIXTURE, STD RECESSED  |
|        | WALL MOUNTED LIGHT FIXTURE  |
|        | WALL MOUNTED EXTERIOR FIXTURE, DOWNCAST   |
|        | CEILING MOUNTED PENDANT FIXTURE   |
|        | CEILING MOUNTED LIGHT FIXTURE   |
|        | CEILING MOUNTED FAN w/ LIGHT FIXTURE<br>PROVIDE SEPARATE SWITCH FOR FAN & LIGHT |
|        | FLUORESCENT BAR LIGHT   |
|        | CARBON MONOXIDE DETECTOR  |
|        | EMERGENCY LIGHT   |
|        | EXIT SIGN   |
|        | 2X4 FLUORESCENT LIGHT   |
|        | LED 4' STRIP LIGHT 4000K  |

- ### ELECTRICAL CALLOUTS
- PROVIDE A 200 AMP MINIMUM ELECTRIC SUB-PANEL WITH #4 UPPER GROUND TO FOUNDATION GFCI OUTLETS ON ALL ABOVE COUNTER OUTLETS IN BARN MOUNTED AT 44" ABOVE FINISH FLOOR (TYP).
  - CEILING MOUNTED OUTLET FOR BARN DOOR OPENER. PROVIDE AND INSTALL APPROVED BARN DOOR OPENER WITH REMOTE CONTROL.
  - PROVIDE SCHEDULE 40 PVC CONDUIT FROM THE LOAD SIDE OF THE NEW ELECTRICAL PANEL. DISCONNECT TO ATTIC AREA. CONDUIT SIZE SHALL BE AS FOLLOWS:  
100A 20 AMPS @ 120 VOLTS (1) 3/4" CONDUIT  
120A 24 AMPS @ 120 VOLTS (1) 3/4" CONDUIT  
150A 30 AMPS @ 120 VOLTS (1) 1" CONDUIT  
200A 40 AMPS @ 120 VOLTS (1) 1" CONDUIT  
400A 80 AMPS @ 120 VOLTS (1) 1 1/2" CONDUIT

### DOOR SCHEDULE

| SYM. | QTY. | SIZE   | NOTES           |
|------|------|--------|-----------------|
| A    | 1    | 4070   | EXT. SINGLE     |
| B    | 2    | 120120 | METAL SECTIONAL |

### LIGHTING NOTES

FOR RESIDENTIAL BUILDINGS AND SPACES, ALL OF THE LIGHTING REQUIREMENTS ARE MANDATORY MEASURES. THERE ARE NO TRADEOFFS BETWEEN LIGHTING AND OTHER BUILDING FEATURES AND LIGHTING IS NOT PART OF ANY COMPONENT PACKAGE UNDER THE PRESENT PROJECT. THE RESIDENTIAL LIGHTING ENERGY STANDARDS APPLY ONLY TO PERMANENTLY INSTALLED LUMINAIRES, INCLUDING LUMINAIRES WITH EASILY INTERCHANGEABLE LAMPS, BUT DO NOT APPLY TO PORTABLE LUMINAIRES SUCH AS TABLE LAMPS OR FREESTANDING FLOOR LAMPS. ALL SECTION (S) AND TABLE REFERENCES IN THIS CHAPTER REFER TO SECTIONS AND TABLES CONTAINED IN TITLE 24 CALIFORNIA CODE OF REGULATIONS, PART 6, ALSO KNOWN AS THE ENERGY STANDARDS OR CALIFORNIA ENERGY CODE.

THE NEW REQUIREMENTS MAY BE SUMMARIZED AS FOLLOWS:  
THE 2016 ENERGY STANDARDS HAVE SIMPLIFIED THE RESIDENTIAL LIGHTING REQUIREMENTS THROUGH THE FOLLOWING IMPORTANT CHANGES:

- ALL LUMINAIRES INSTALLED IN RESIDENTIAL CONSTRUCTION MUST QUALIFY AS "HIGH EFFICACY LUMINAIRES." THIS ELIMINATES VARYING REQUIREMENTS BY ROOM AND TYPE OF CONTROLS. THIS ALSO ELIMINATES THE NEED TO CALCULATE THE WATTAGE OF LOW VERSUS HIGH EFFICACY LUMINAIRES IN THE KITCHEN.
- THE DEFINITION OF "HIGH EFFICACY LUMINAIRES" HAS BEEN EXPANDED. IT INCLUDES THE LIGHT SOURCES IDENTIFIED AS EFFICIENT IN 2013 (LINEAR FLUORESCENT, PH BASED COMPACT FLUORESCENT, GU-24 BASE CFL, HID, AND INDUCTION LIGHTING), AND NOW ALSO INCLUDES ANY LUMINAIRE THAT CONTAINS A JAB COMPLIANT LAMP OR OTHER LIGHT SOURCE THAT IS APPROPRIATELY MARKED. JAB CONTAINS REQUIREMENTS THAT ENSURE THAT LIGHT SOURCES, INCLUDING LAMPS AND LUMINAIRES, PROVIDE SUFFICIENT COLOR QUALITY, LIFE, AND ENERGY EFFICIENCY. TABLE 150.0-A OF §150.0 CONTAINS THE DEFINITION.
- ALL PERMANENTLY INSTALLED LUMINAIRES WITH INTERCHANGEABLE LAMPS MUST CONTAIN LAMPS THAT COMPLY WITH THE REQUIREMENTS OF JOINT APPENDIX J (JAB) AND BE APPROPRIATELY MARKED TO BE CONSIDERED "HIGH EFFICACY LUMINAIRES."
- THE MARKING "JAB-2016" IS REQUIRED FOR COMPLIANCE AND SHALL ONLY BE USED ON LAMPS THAT MEET THE REQUIREMENTS OF JOINT APPENDIX J AND ARE LISTED IN THE ENERGY COMMISSION JAB DATABASE.
- THE MARKING "JAB-2016-E" INDICATES THAT IN ADDITION TO THE REQUIREMENTS ABOVE FOR A JAB-2016 LIGHT SOURCE, THE LIGHT SOURCE HAS BEEN TESTED TO PROVIDE LONG LIFE AT ELEVATED TEMPERATURES. LIGHT SOURCES MUST BE MARKED "JA 8-2016-E" IF THEY ARE TO BE USED IN ENCLOSED OR RECESSED LUMINAIRES.
- RECESSED DOWNLIGHT LUMINAIRES AND ENCLOSED LUMINAIRES ARE REQUIRED TO CONTAIN A JAB COMPLIANT LAMP THAT MEETS THE ELEVATED TEMPERATURE REQUIREMENT. RECESSED DOWNLIGHT LUMINAIRES WITH SCREW BASED SOCKETS ARE NO LONGER PERMITTED TO BE INSTALLED.
- THE BUILDER MUST PROVIDE THE NEW HOMEOWNER WITH A LUMINAIRE SCHEDULE (AS REQUIRED IN TITLE 24 CALIFORNIA CODE OF REGULATIONS, PART 1, §10-103(B)) THAT INCLUDES A LIST OF LAMPS INSTALLED IN THE LUMINAIRES SO THAT THE HOMEOWNER KNOWS WHAT LIGHT SOURCES THEY ARE ENTITLED TO WHEN THEY TAKE POSSESSION OF THE NEW HOME.
- INSPECTIONS FOR LIGHTING ARE MORE STRAIGHTFORWARD AS ALL LUMINAIRES HAVE A HIGH EFFICACY LIGHT SOURCE AND THERE IS A COMPLETED LUMINAIRE SCHEDULE FOR THE INSPECTOR TO REVIEW.

IN ADDITION TO THESE CHANGES, THE 2016 ENERGY STANDARDS INCLUDE MINOR MODIFICATIONS TO THE LIGHTING CONTROLS REQUIREMENTS TO MAINTAIN CONSISTENCY WITH THE REQUIREMENTS FOR DIMMERS AND/OR VACANCY SENSORS.

#### 6.2 INDOOR LUMINAIRE REQUIREMENTS - ALL HIGH EFFICACY

A "LUMINAIRE" IS THE LIGHTING INDUSTRY'S TERM FOR A LIGHT FIXTURE, AND IS DEFINED BY §100.1 AS A COMPLETE LIGHTING UNIT CONSISTING OF A LIGHT SOURCE SUCH AS A LAMP OR LAMPS, TOGETHER WITH THE PARTS THAT DISTRIBUTE THE LIGHT, POSITION AND PROTECT THE LIGHT SOURCE AND CONNECT IT TO THE POWER SUPPLY. A "LAMP" IS THE LIGHTING INDUSTRY'S TERM FOR A LIGHT BULB OR SIMILAR SEPARABLE LIGHTING COMPONENT, AND IS DEFINED BY §100.1 AS AN ELECTRICAL APPLIANCE THAT PRODUCES OPTICAL RADIATION FOR THE PURPOSE OF VISUAL ILLUMINATION, DESIGNED WITH A BASE TO PROVIDE AN ELECTRICAL CONNECTION BETWEEN THE LAMP AND A LUMINAIRE, AND DESIGNED TO BE INSTALLED INTO A LUMINAIRE BY MEANS OF A LAMP-HOLDER INTEGRAL TO THE LUMINAIRE.

THE 2016 ENERGY STANDARDS REQUIRE ALL PERMANENTLY INSTALLED LUMINAIRES TO BE "HIGH EFFICACY," AS SPECIFIED IN §150.0(A). PERMANENTLY INSTALLED LIGHTING IS DEFINED IN §100.1 AND EXAMPLES OF PERMANENTLY INSTALLED LIGHTING INCLUDE:

- LIGHTING ATTACHED TO WALLS, CEILINGS, OR COLUMNS.
- TRACK AND FLEXIBLE LIGHTING SYSTEMS.
- LIGHTING INSIDE PERMANENTLY INSTALLED CABINETS.
- LIGHTING ATTACHED TO THE TOP OR BOTTOM OF PERMANENTLY INSTALLED CABINETS.
- LIGHTING ATTACHED TO CEILING FANS.
- LIGHTING INTEGRAL TO EXHAUST FANS.
- LIGHTING THAT IS INTEGRAL TO BARN DOOR OPENERS IF IT IS DESIGNED TO BE USED AS GENERAL LIGHTING IS SWITCHED INDEPENDENTLY FROM THE BARN DOOR OPENER, AND DOES NOT AUTOMATICALLY TURN OFF AFTER A PRE-DETERMINED AMOUNT OF TIME.

**THE FOLLOWING ARE EXAMPLES OF WHAT ARE NOT CONSIDERED TO BE PERMANENTLY INSTALLED LIGHTING:**

- PORTABLE LIGHTING AS DEFINED BY §100.1 (INCLUDING, BUT NOT LIMITED TO, TABLE AND FREESTANDING FLOOR LAMPS WITH PLUG-IN CONNECTIONS).
- LIGHTING INSTALLED BY THE MANUFACTURER IN REFRIGERATORS, STOVES, MICROWAVE OVENS, EXHAUST HOODS FOR COOKING EQUIPMENT, REFRIGERATED CASES, VENDING MACHINES, FOOD PREPARATION EQUIPMENT, AND SCIENTIFIC AND INDUSTRIAL EQUIPMENT.
- LIGHTING IN BARN DOOR OPENERS WHICH CONSISTS OF NO MORE THAN TWO SCREW-BASED SOCKETS INTEGRATED INTO THE BARN DOOR OPENER BY THE MANUFACTURER, WHERE THE LIGHTS AUTOMATICALLY TURN ON WHEN THE BARN DOOR IS ACTIVATED, AND AUTOMATICALLY TURN OFF AFTER A PRE-DETERMINED AMOUNT OF TIME.

#### 6.2.1 HIGH EFFICACY LUMINAIRES

"EFFICACY" IS A TERM USED IN THE LIGHTING INDUSTRY TO DESCRIBE THE OVERALL EFFECTIVENESS OF A LAMP OR LUMINAIRE, INCLUDING ITS ENERGY EFFICIENCY (EXPRESSED AS LUMENS/WATT). IN ORDER TO SIMPLIFY THE RESIDENTIAL LIGHTING REQUIREMENTS, THE ENERGY STANDARDS DEFINE CERTAIN LUMINAIRE TYPES AS "HIGH EFFICACY," MEANING THAT THEY POSSESS A HIGH LUMENS PER WATT EFFICIENCY AND DO NOT HAVE ANY ATTRIBUTES THAT WOULD MAKE THE LIGHT LESS EFFECTIVE OR LESS SUITABLE FOR RESIDENTIAL ILLUMINATION, AS NOTED ABOVE. THE 2016 ENERGY STANDARDS REQUIRE THAT ALL PERMANENTLY INSTALLED RESIDENTIAL LUMINAIRES MUST BE HIGH EFFICACY. HOWEVER, THE TYPES OF LUMINAIRES THAT CAN BE CONSIDERED HIGH EFFICACY HAVE ALSO BEEN REDEFINED.

CERTAIN TYPES OF LIGHT SOURCES ARE AUTOMATICALLY CLASSIFIED AS HIGH EFFICACY, UNLESS THEY ARE IN RECESSED DOWNLIGHT LUMINAIRES. LUMINAIRES IN ANY OF THE FOLLOWING CATEGORIES ARE AUTOMATICALLY CLASSIFIED AS HIGH EFFICACY:

- PIN-BASED LINEAR FLUORESCENT LUMINAIRES USING ELECTRONIC BALLASTS.
- PIN-BASED COMPACT FLUORESCENT LUMINAIRES USING ELECTRONIC BALLASTS.
- PULSE-START METAL HALIDE LUMINAIRES.
- HIGH PRESSURE SODIUM LUMINAIRES.
- LUMINAIRES WITH GU-24 SOCKETS OTHER THAN LEADS.
- LUMINAIRES WITH HARDWIRED HIGH FREQUENCY GENERATOR AND INDUCTION LAMP.
- INSEPARABLE SSL LUMINAIRES INSTALLED OUTDOORS.
- INSEPARABLE SSL LUMINAIRES WITH COLORED LIGHT SOURCES FOR DECORATIVE LIGHTING PURPOSE.

THE LUMINAIRE TYPES LISTED HERE ARE THE ONLY TYPES THAT ARE AUTOMATICALLY CLASSIFIED AS HIGH EFFICACY. ALL OTHER LUMINAIRE TYPES MUST HAVE A LIGHT SOURCE OR LAMP INSTALLED IN THEM AT THE TIME OF INSPECTION THAT MEETS THE REQUIREMENTS OF REFERENCE JOINT APPENDIX JAB.

NOTE: LUMINAIRES DO NOT NEED TO BE SHIPPED BY MANUFACTURERS WITH A JAB SOURCE INSTALLED.

#### 6.2.1.2 HIGH EFFICACY LIGHTING

LUMINAIRES NOT LISTED IN THE PREVIOUS SECTION MUST HAVE AN INTEGRAL LIGHT SOURCE OR REMOVABLE LAMP THAT MEETS THE PERFORMANCE REQUIREMENTS OF REFERENCE JOINT APPENDIX JAB. THE REQUIREMENTS IN JAB ARE DESIGNED TO ENSURE THAT NEW LIGHTING TECHNOLOGIES LIKE LED PROVIDE ENERGY EFFICIENT LIGHT, WHILE ALSO MAINTAINING PERFORMANCE CHARACTERISTICS THAT RESIDENTIAL CUSTOMERS EXPECT. IN ADDITION TO SETTING MINIMUM EFFICACY REQUIREMENTS, JAB ESTABLISHES PERFORMANCE REQUIREMENTS THAT ENSURE ACCURATE COLOR RENDITION, DIMMABILITY, AND REDUCED NOISE AND FLICKER DURING OPERATION.

LUMINAIRES WITH INTEGRAL SOURCES, SUCH AS LED LUMINAIRES, MUST BE CERTIFIED BY THE ENERGY COMMISSION AS MEETING THE REQUIREMENTS OF JAB. LUMINAIRES THAT HAVE CHANGEABLE LAMPS (SUCH AS SCREW BASE LUMINAIRES) MUST BE INSTALLED WITH LAMPS THAT HAVE BEEN CERTIFIED BY THE ENERGY COMMISSION AS MEETING THE REQUIREMENTS OF JAB. LUMINAIRES AND LAMPS THAT HAVE BEEN CERTIFIED BY THE ENERGY COMMISSION MUST BE MARKED WITH "JAB-2016" OR "JAB-2016-E" ON THE PRODUCT ITSELF. THE "JAB-2016-E" MARKING INDICATES THAT THE PRODUCT MEETS THE ELEVATED TEMPERATURE REQUIREMENT OF REFERENCE JOINT APPENDIX JAB AND IS SUITABLE FOR ELEVATED TEMPERATURE APPLICATIONS SUCH AS ENCLOSED AND RECESSED FIXTURES.

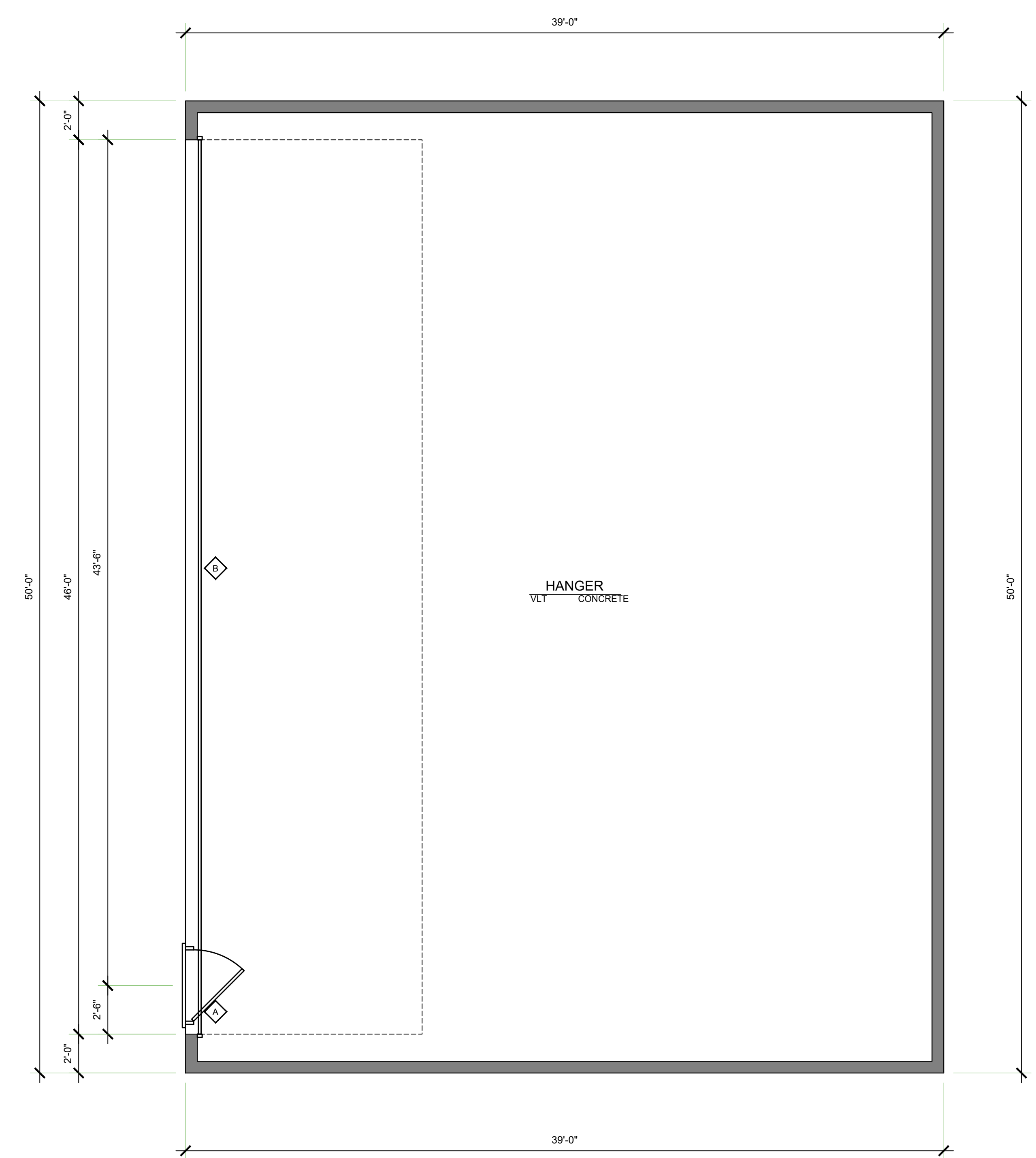
EXAMPLES OF LUMINAIRES THAT CAN BE CLASSIFIED AS HIGH EFFICACY BY MEETING THE REQUIREMENTS OF JAB INCLUDE:

- LED LUMINAIRES WITH INTEGRAL LIGHT SOURCES THAT ARE CERTIFIED TO THE ENERGY COMMISSION
- SCREW-BASED LUMINAIRES WITH JAB-CERTIFIED LAMPS
- LOW-VOLTAGE PIN-BASED LUMINAIRES WITH JAB-CERTIFIED LAMPS

IN SHORT, ALMOST ANY LUMINAIRE CAN BE CLASSIFIED AS HIGH EFFICACY, AS LONG AS THE LUMINAIRE IS INSTALLED WITH A JAB COMPLIANT LAMP. THE EXCEPTION IS RECESSED DOWNLIGHT LUMINAIRES IN CEILING, WHICH MUST MEET ADDITIONAL REQUIREMENTS.

#### TABLE 6-1: SUMMARY OF COMPLIANT LUMINAIRE TYPES

| HIGH EFFICACY LUMINAIRES*  | JAB HIGH EFFICACY LIGHTING - LAMPS AND LIGHT SOURCES THAT MUST BE JAB-CERTIFIED  | RECESSED DOWNLIGHT LUMINAIRES IN CEILING   |
|--|--|--|
| <ul style="list-style-type: none"> <li>PIN-BASED LINEAR FLUORESCENT</li> <li>PIN-BASED COMPACT FLUORESCENT</li> <li>PULSE-START METAL HALIDE</li> <li>HIGH PRESSURE SODIUM</li> <li>GU-24 OTHER THAN LEADS</li> <li>INSEPARABLE SSL LUMINAIRES</li> <li>INSTALLED OUTDOORS</li> <li>INSEPARABLE SSL LUMINAIRES WITH COLORED LIGHT SOURCES FOR DECORATIVE LIGHTING PURPOSE</li> </ul> | <ul style="list-style-type: none"> <li>LIGHT SOURCES IN CEILING RECESSED DOWNLIGHT LUMINAIRES*</li> <li>LED LUMINAIRES WITH INTEGRAL SOURCES</li> <li>SCREW-BASED LED LAMPS (A-LAMPS, PAR LAMPS, ETC.)</li> <li>PIN-BASED LED LAMPS (MR-16, AR-111, ETC.)</li> <li>GU-24 BASED LED LIGHT SOURCE</li> <li>ANY SOURCE OR LUMINAIRE NOT LISTED ELSEWHERE ON THIS TABLE</li> </ul> | <ul style="list-style-type: none"> <li>SHALL NOT HAVE SCREW BASED SOCKETS</li> <li>SHALL CONTAIN JAB-CERTIFIED LIGHT SOURCES</li> <li>SHALL MEET ALL PERFORMANCE REQUIREMENTS IN §150.0(K)(1)</li> </ul> |



**BUILDING "B" FLOOR PLAN**  
1/4" = 1'

**JB**  
DRAFTING & DESIGN  
CAD DESIGN - AS BUILTS  
RESIDENTIAL PLANS  
610 10TH ST. SUITE "D"  
PASO ROBLES, CA  
93446  
BUS: # (805) 237-0850  
FAX: # (805) 237-0480

PLAN PREPARED FOR:  
**JOHN MOORE**  
4750 WING WAY 207  
PASO ROBLES, CA 93446

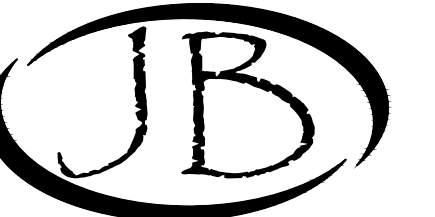
REVISION LOG

| REV. | DESCRIPTION | DATE |
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PROJECT NO. ---  
FILE NAME A-4.1 BUILDING B.rvt  
DRAWN BY BJK  
DATE 2/24/2022 10:03 AM  
SHEET TITLE:

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DRAFTING & DESIGN

CAD DESIGN - AS BUILTS  
RESIDENTIAL PLANS  
610 10TH ST. SUITE "D"  
PASO ROBLES, CA  
93446  
BUS. # (805) 237-0850  
FAX # (805) 237-0480

**ELEVATION NOTES**

1. METAL ROOF OVER OVER 30# MINIMUM ROOFING FELT (TYP)
2. METAL SIDING OVER APPROVED MOISTER BARRIER
3. 24 GAUGE GI. FLASHING @ ALL ROOF TO WALL CONNECTIONS (TYP)
4. SLOPE AWAY FROM BUILDING 5% FOR 10'-0" MINIMUM (TYP)

**COLORS**

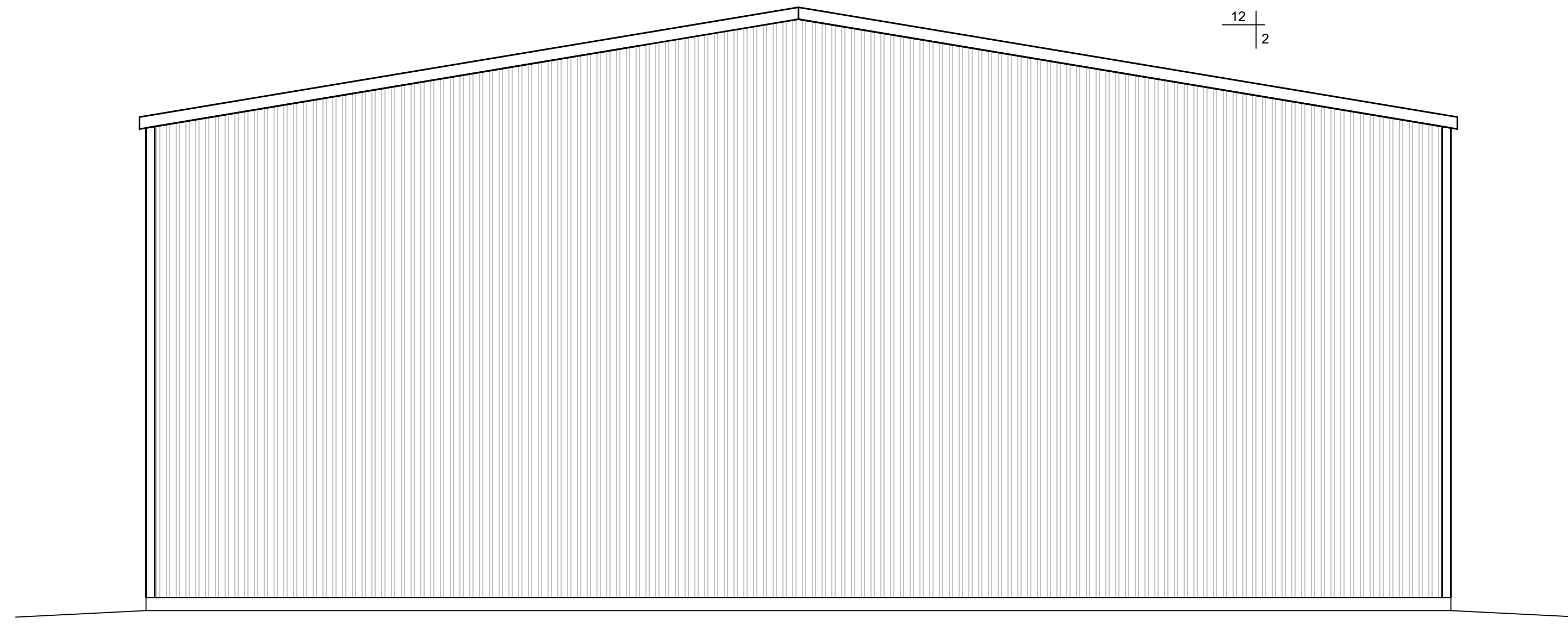
1. SIERRA TAN = DOORS, TRIM GUTTERS AND AWNINGS
2. LIGHT STONE = BUILDING BODY AND ROOF



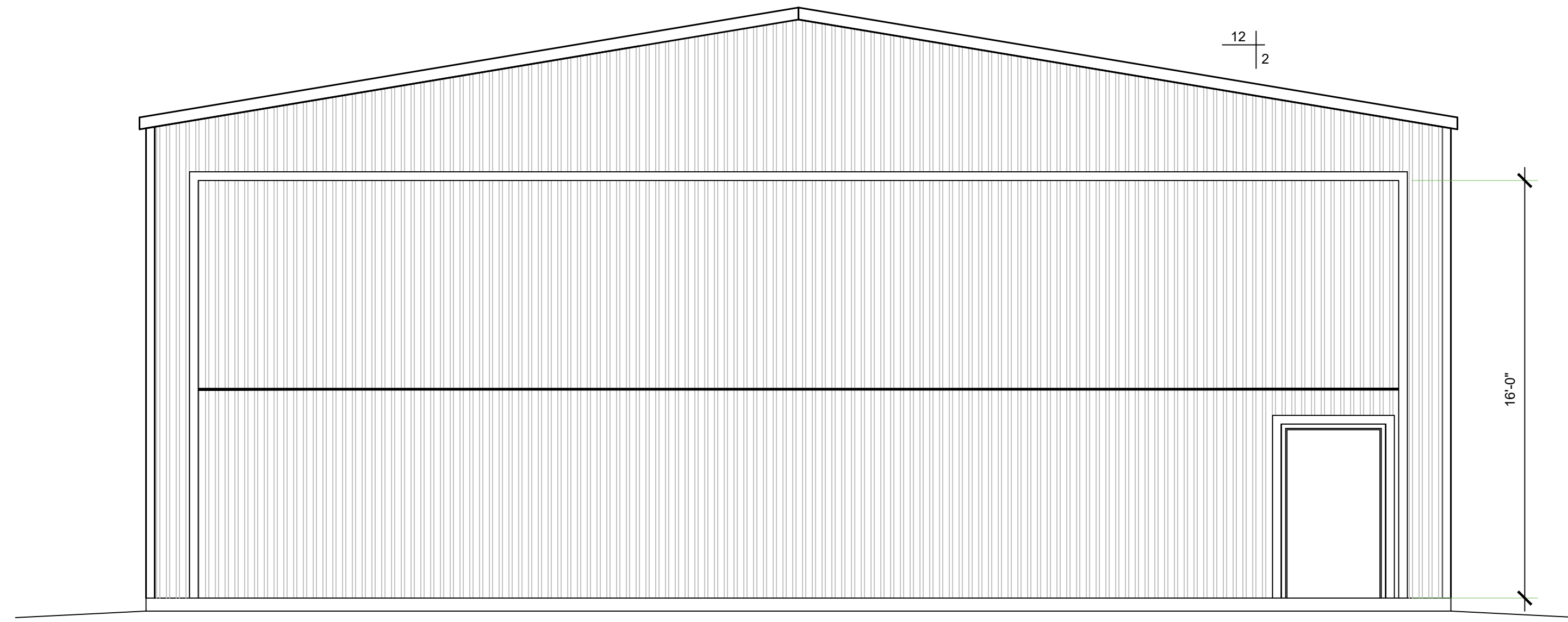
Sierra Tan (10)  
SR = 0.51 TE = 0.84 SRI = 58 ES



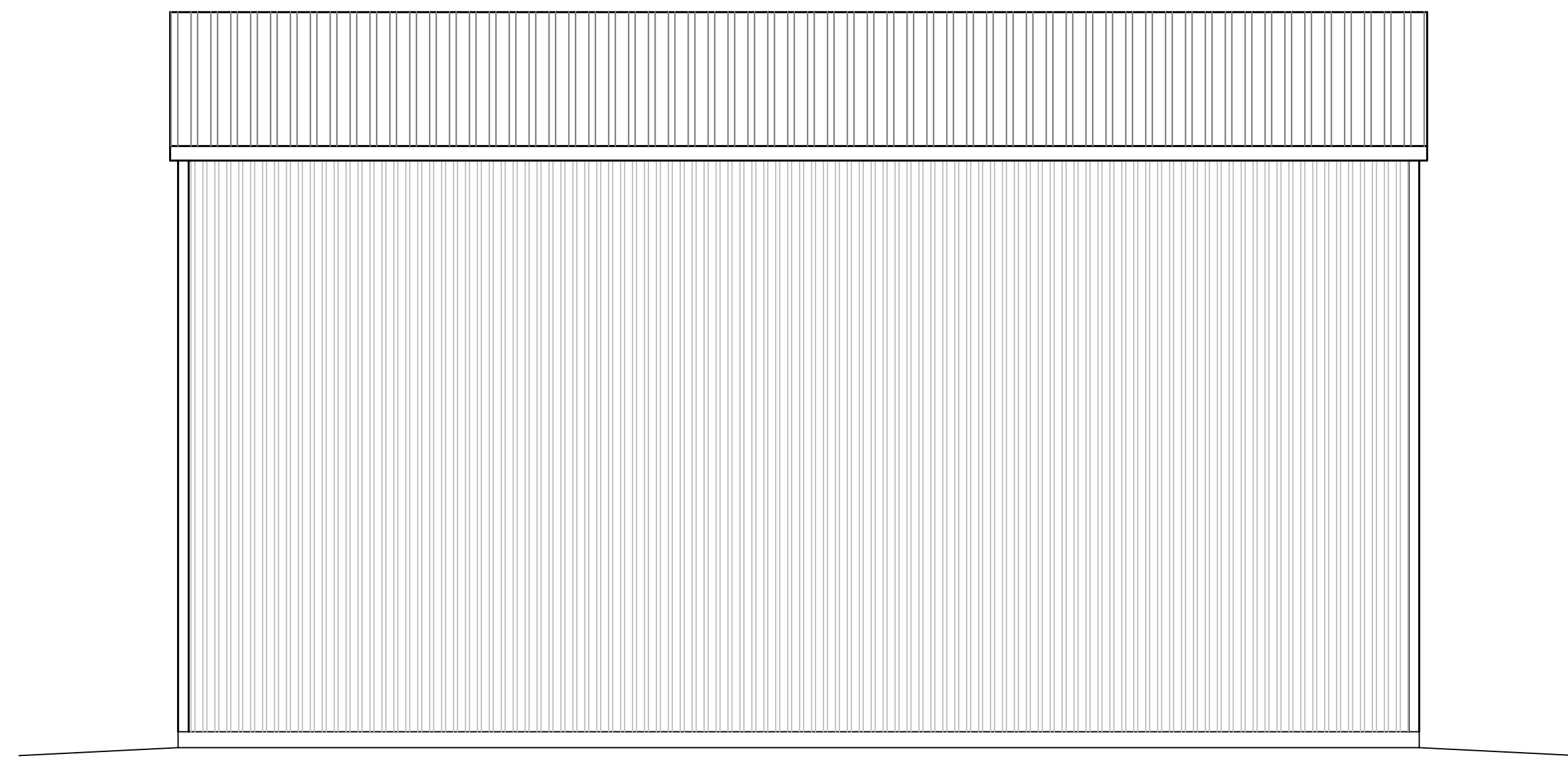
Light Stone (03)  
SR = 0.65 TE = 0.87 SRI = 70 ES



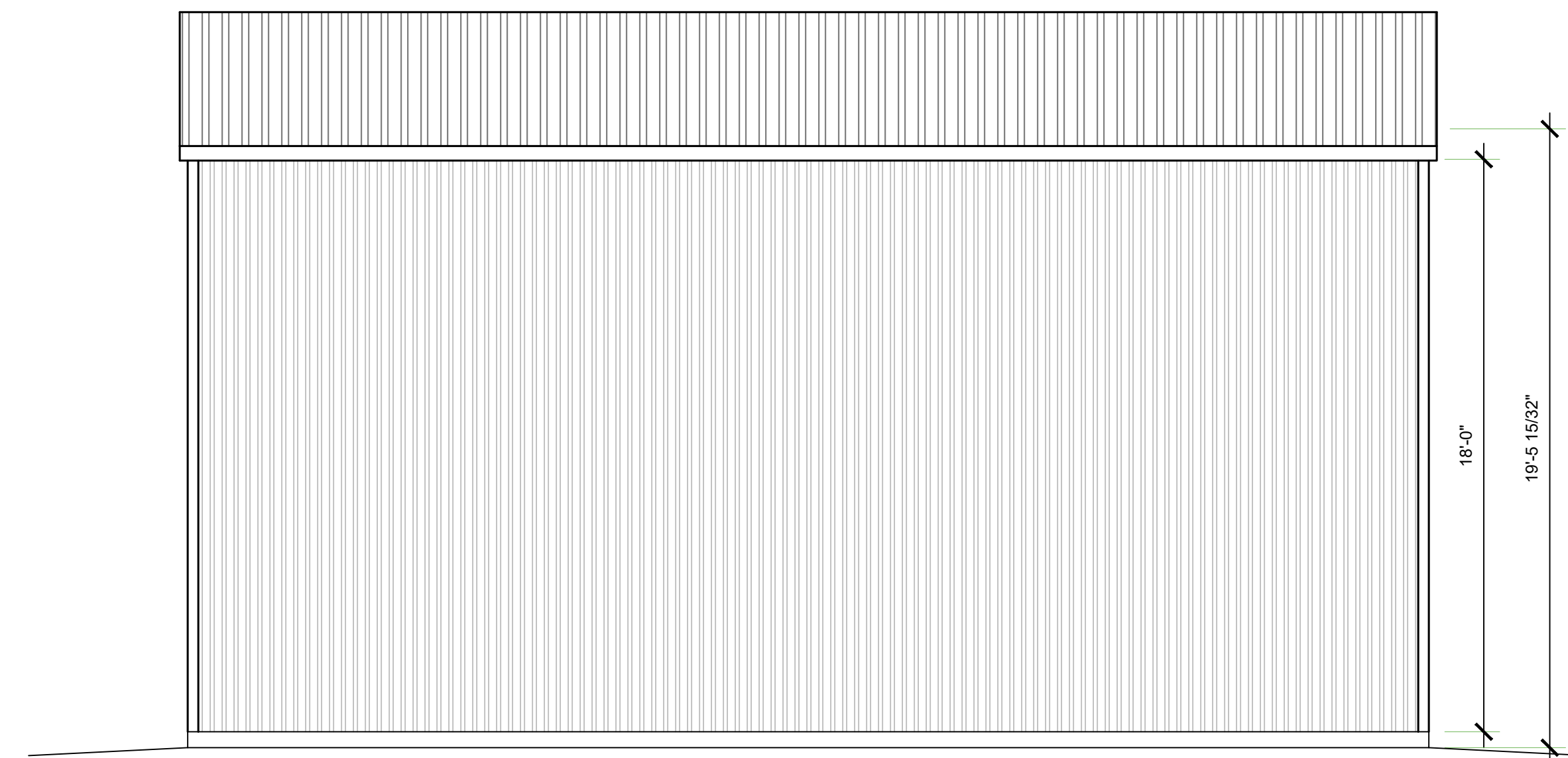
REAR ELEVATION BUILDING B  
1/4" = 1'



FRONT ELEVATION BUILDING B  
1/4" = 1'



RIGHT ELEVATION BUILDING B  
1/4" = 1'



LEFT ELEVATION BUILDING B  
1/4" = 1'

PLAN PREPARED FOR:

JOHN MOORE  
4750 WING WAY 207  
PASO ROBLES, CA 93446

REVISION LOG

| REV. | DESCRIPTION | DATE |
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FILE NAME A-4.2 BUILDING ELEVATIONS.DWG  
DRAWN BY  
DATE 2/24/2022 10:03 AM  
SHEET TITLE:

SHEET NUMBER:

A-4.2



| LEGEND |   |
|--------|---|
|        | CEILING MOUNTED EXHAUST FAN TO EXTERIOR   |
|        | PHONE   |
|        | CATV  |
|        | 115 V DUPLEX RECEPTACLE @ +18" AFF. U.O.N.                                      |
|        | 115 V GFCI DUPLEX RECEPTACLE  |
|        | 115 V WATER PROOF GFCI OUTLET   |
|        | 115 V ARCH FAULT CIRCUIT INTERRUPTER  |
|        | 3-WAY SWITCH  |
|        | 4-WAY SWITCH  |
|        | SINGLE POLE SWITCH  |
|        | SWITCH W/ DIMMER CONTROL  |
|        | SWITCH W/ OCCUPANT SENSOR   |
|        | SMOKE DETECTOR, HARD-WIRED TOGETHER   |
|        | GAS STUB (SIZE AS REQ'D)  |
|        | ELECTRIC SUB-PANEL  |
|        | FAN   |
|        | HOSE BIB  |
|        | FLOOD LIGHT   |
|        | RECESSED CAN LIGHT FIXTURE, FLUORESCENT   |
|        | RECESSED CAN LIGHT FIXTURE, STD RECESSED  |
|        | WALL MOUNTED LIGHT FIXTURE  |
|        | WALL MOUNTED EXTERIOR FIXTURE, DOWNCAST   |
|        | CEILING MOUNTED PENDANT FIXTURE   |
|        | CEILING MOUNTED LIGHT FIXTURE   |
|        | CEILING MOUNTED FAN W/ LIGHT FIXTURE<br>PROVIDE SEPARATE SWITCH FOR FAN & LIGHT |
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### DOOR SCHEDULE

| SYM. | QTY. | SIZE   | NOTES           |
|------|------|--------|-----------------|
| A    | 1    | 4070   | EXT. SINGLE     |
| B    | 2    | 120120 | METAL SECTIONAL |

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- THE DEFINITION OF "HIGH EFFICACY LUMINAIRE" HAS BEEN EXPANDED. IT INCLUDES THE LIGHT SOURCES IDENTIFIED AS EFFICIENT IN 2013 (LINEAR FLUORESCENT, PIN BASED COMPACT FLUORESCENT, GU-24 BASE CFL, HID, AND INDUCTION LIGHTING), AND NOW ALSO INCLUDES ANY LUMINAIRE THAT CONTAINS A JAB COMPLIANT LAMP OR OTHER LIGHT SOURCE THAT IS APPROPRIATELY MARKED. JAB CONTAINS REQUIREMENTS THAT ENSURE THAT LIGHT SOURCES, INCLUDING LAMPS AND LUMINAIRES, PROVIDE SUFFICIENT COLOR QUALITY, LIFE, AND ENERGY EFFICIENCY. TABLE 150.0-A OF §150.0 CONTAINS THE DEFINITION.
- ALL PERMANENTLY INSTALLED LUMINAIRES WITH INTERCHANGEABLE LAMPS MUST CONTAIN LAMPS THAT COMPLY WITH THE REQUIREMENTS OF JOINT APPENDIX B (JAB) AND BE APPROPRIATELY MARKED TO BE CONSIDERED "HIGH EFFICACY LUMINAIRE."
- THE MARKING "JAB-2016" IS REQUIRED FOR COMPLIANCE AND SHALL ONLY BE USED ON LAMPS THAT MEET THE REQUIREMENTS OF JOINT APPENDIX B AND ARE LISTED IN THE ENERGY COMMISSION JAB DATABASE.
- THE MARKING "JAB-2016-E" INDICATES THAT IN ADDITION TO THE REQUIREMENTS ABOVE FOR A JAB-2016 LIGHT SOURCE, THE LIGHT SOURCE HAS BEEN TESTED TO PROVIDE LONG LIFE AT ELEVATED TEMPERATURES. LIGHT SOURCES MUST BE MARKED "JA 8-2016-E" IF THEY ARE TO BE USED IN ENCLOSED OR RECESSED LUMINAIRE.
- RECESSED DOWNLIGHT LUMINAIRE AND ENCLOSED LUMINAIRE ARE REQUIRED TO CONTAIN A JAB COMPLIANT LAMP THAT MEETS THE ELEVATED TEMPERATURE REQUIREMENT. RECESSED DOWNLIGHT LUMINAIRE WITH SCREW BASED SOCKETS ARE NO LONGER PERMITTED TO BE INSTALLED.
- THE BUILDER MUST PROVIDE THE NEW HOMEOWNER WITH A LUMINAIRE SCHEDULE (AS REQUIRED IN TITLE 24 CALIFORNIA CODE OF REGULATIONS, PART 1, §10-103(B)) THAT INCLUDES A LIST OF LAMPS INSTALLED IN THE LUMINAIRE SO THAT THE HOMEOWNER KNOWS WHAT LIGHT SOURCES THEY ARE ENTITLED TO WHEN THEY TAKE POSSESSION OF THE NEW HOME.
- INSPECTIONS FOR LIGHTING ARE MORE STRAIGHTFORWARD AS ALL LUMINAIRE HAVE A HIGH EFFICACY LIGHT SOURCE AND THERE IS A COMPLETED LUMINAIRE SCHEDULE FOR THE INSPECTOR TO REVIEW.

IN ADDITION TO THESE CHANGES, THE 2016 ENERGY STANDARDS INCLUDE MINOR MODIFICATIONS TO THE LIGHTING CONTROLS REQUIREMENTS TO MAINTAIN CONSISTENCY WITH THE REQUIREMENTS FOR DIMMERS AND/OR VACANCY SENSORS.

#### 6.2 INDOOR LUMINAIRE REQUIREMENTS - ALL HIGH EFFICACY

A "LUMINAIRE" IS THE LIGHTING INDUSTRY'S TERM FOR A LIGHT FIXTURE, AND IS DEFINED BY §100.1 AS A COMPLETE LIGHTING UNIT CONSISTING OF A LIGHT SOURCE SUCH AS A LAMP OR LAMPS, TOGETHER WITH THE PARTS THAT DISTRIBUTE THE LIGHT, POSITION AND PROTECT THE LIGHT SOURCE AND CONNECT IT TO THE POWER SUPPLY. A "LAMP" IS THE LIGHTING INDUSTRY'S TERM FOR A LIGHT BULB OR SIMILAR SEPARABLE LIGHTING COMPONENT, AND IS DEFINED BY §100.1 AS AN ELECTRICAL APPLIANCE THAT PRODUCES OPTICAL RADIATION FOR THE PURPOSE OF VISUAL ILLUMINATION, DESIGNED WITH A BASE TO PROVIDE AN ELECTRICAL CONNECTION BETWEEN THE LAMP AND A LUMINAIRE, AND DESIGNED TO BE INSTALLED INTO A LUMINAIRE BY MEANS OF A LAMP-HOLDER INTEGRAL TO THE LUMINAIRE.

THE 2016 ENERGY STANDARDS REQUIRE ALL PERMANENTLY INSTALLED LUMINAIRE TO BE "HIGH EFFICACY," AS SPECIFIED IN §150.0(A). PERMANENTLY INSTALLED LIGHTING IS DEFINED IN §100.1 AND EXAMPLES OF PERMANENTLY INSTALLED LIGHTING INCLUDE:

- LIGHTING ATTACHED TO WALLS, CEILINGS, OR COLUMNS.
- TRACK AND FLEXIBLE LIGHTING SYSTEMS.
- LIGHTING INSIDE PERMANENTLY INSTALLED CABINETS.
- LIGHTING ATTACHED TO THE TOP OR BOTTOM OF PERMANENTLY INSTALLED CABINETS.
- LIGHTING ATTACHED TO CEILING FANS.
- LIGHTING INTEGRAL TO EXHAUST FANS.
- LIGHTING THAT IS INTEGRAL TO BARN DOOR OPENERS IF IT IS DESIGNED TO BE USED AS GENERAL LIGHTING IS SWITCHED INDEPENDENTLY FROM THE BARN DOOR OPENER, AND DOES NOT AUTOMATICALLY TURN OFF AFTER A PRE-DETERMINED AMOUNT OF TIME.

**THE FOLLOWING ARE EXAMPLES OF WHAT ARE NOT CONSIDERED TO BE PERMANENTLY INSTALLED LIGHTING:**

- PORTABLE LIGHTING AS DEFINED BY §100.1 (INCLUDING, BUT NOT LIMITED TO, TABLE AND FREESTANDING FLOOR LAMPS WITH PLUG-IN CONNECTIONS).
- LIGHTING INSTALLED BY THE MANUFACTURER IN REFRIGERATORS, STOVES, MICROWAVE OVENS, EXHAUST HOODS FOR COOKING EQUIPMENT, REFRIGERATED CASES, VENDING MACHINES, FOOD PREPARATION EQUIPMENT, AND SCIENTIFIC AND INDUSTRIAL EQUIPMENT.
- LIGHTING IN BARN DOOR OPENERS WHICH CONSISTS OF NO MORE THAN TWO SCREW-BASED SOCKETS INTEGRATED INTO THE BARN DOOR OPENER BY THE MANUFACTURER, WHERE THE LIGHTS AUTOMATICALLY TURN ON WHEN THE BARN DOOR IS ACTIVATED, AND AUTOMATICALLY TURN OFF AFTER A PRE-DETERMINED AMOUNT OF TIME.

#### 6.2.1 HIGH EFFICACY LUMINAIRE

"EFFICACY" IS A TERM USED IN THE LIGHTING INDUSTRY TO DESCRIBE THE OVERALL EFFECTIVENESS OF A LAMP OR LUMINAIRE, INCLUDING ITS ENERGY EFFICIENCY (EXPRESSED AS LUMENS/WATT). IN ORDER TO SIMPLIFY THE RESIDENTIAL LIGHTING REQUIREMENTS, THE ENERGY STANDARDS DEFINE CERTAIN LUMINAIRE TYPES AS "HIGH EFFICACY," MEANING THAT THEY POSSESS A HIGH LUMENS PER WATT EFFICIENCY AND DO NOT HAVE ANY ATTRIBUTES THAT WOULD MAKE THE LIGHT LESS EFFECTIVE OR LESS SUITABLE FOR RESIDENTIAL ILLUMINATION, AS NOTED ABOVE. THE 2016 ENERGY STANDARDS REQUIRE THAT ALL PERMANENTLY INSTALLED RESIDENTIAL LUMINAIRE MUST BE HIGH EFFICACY. HOWEVER, THE TYPES OF LUMINAIRE THAT CAN BE CONSIDERED HIGH EFFICACY HAVE ALSO BEEN REDEFINED.

CERTAIN TYPES OF LIGHT SOURCES ARE AUTOMATICALLY CLASSIFIED AS HIGH EFFICACY, UNLESS THEY ARE IN RECESSED DOWNLIGHT LUMINAIRE. LUMINAIRE IN ANY OF THE FOLLOWING CATEGORIES ARE AUTOMATICALLY CLASSIFIED AS HIGH EFFICACY:

- PIN-BASED LINEAR FLUORESCENT LUMINAIRE USING ELECTRONIC BALLASTS.
- PIN-BASED COMPACT FLUORESCENT LUMINAIRE USING ELECTRONIC BALLASTS.
- PULSE-START METAL HALIDE LUMINAIRE.
- HIGH PRESSURE SODIUM LUMINAIRE.
- LUMINAIRE WITH GU-24 SOCKETS OTHER THAN LEADS.
- LUMINAIRE WITH HARDWIRED HIGH FREQUENCY GENERATOR AND INDUCTION LAMP.
- INSEPARABLE SSL LUMINAIRE INSTALLED OUTDOORS.
- INSEPARABLE SSL LUMINAIRE WITH COLORED LIGHT SOURCES FOR DECORATIVE LIGHTING PURPOSE.

THE LUMINAIRE TYPES LISTED HERE ARE THE ONLY TYPES THAT ARE AUTOMATICALLY CLASSIFIED AS HIGH EFFICACY. ALL OTHER LUMINAIRE TYPES MUST HAVE A LIGHT SOURCE OR LAMP INSTALLED IN THEM AT THE TIME OF INSPECTION THAT MEETS THE REQUIREMENTS OF REFERENCE JOINT APPENDIX B.

NOTE: LUMINAIRE DO NOT NEED TO BE SHIPPED BY MANUFACTURERS WITH A JAB SOURCE INSTALLED.

#### 6.2.1.2 HIGH EFFICACY LIGHTING

LUMINAIRE NOT LISTED IN THE PREVIOUS SECTION MUST HAVE AN INTEGRAL LIGHT SOURCE OR REMOVABLE LAMP THAT MEETS THE PERFORMANCE REQUIREMENTS OF REFERENCE JOINT APPENDIX B. THE REQUIREMENTS IN JAB ARE DESIGNED TO ENSURE THAT NEW LIGHTING TECHNOLOGIES LIKE LED PROVIDE ENERGY EFFICIENT LIGHT, WHILE ALSO MAINTAINING PERFORMANCE CHARACTERISTICS THAT RESIDENTIAL CUSTOMERS EXPECT. IN ADDITION TO SETTING MINIMUM EFFICACY REQUIREMENTS, JAB ESTABLISHES PERFORMANCE REQUIREMENTS THAT ENSURE ACCURATE COLOR RENDITION, DIMMABILITY, AND REDUCED NOISE AND FLICKER DURING OPERATION.

LUMINAIRE WITH INTEGRAL SOURCES, SUCH AS LED LUMINAIRE, MUST BE CERTIFIED BY THE ENERGY COMMISSION AS MEETING THE REQUIREMENTS OF JAB. LUMINAIRE THAT HAVE INTERCHANGEABLE LAMPS (SUCH AS SCREW BASE LUMINAIRE) MUST BE INSTALLED WITH LAMPS THAT HAVE BEEN CERTIFIED BY THE ENERGY COMMISSION AS MEETING THE REQUIREMENTS OF JAB. LUMINAIRE AND LAMPS THAT HAVE BEEN CERTIFIED BY THE ENERGY COMMISSION MUST BE MARKED WITH "JAB-2016" OR "JAB-2016-E" ON THE PRODUCT ITSELF. THE "JAB-2016-E" MARKING INDICATES THAT THE PRODUCT MEETS THE ELEVATED TEMPERATURE REQUIREMENT OF REFERENCE JOINT APPENDIX B AND IS SUITABLE FOR ELEVATED TEMPERATURE APPLICATIONS SUCH AS ENCLOSED AND RECESSED FIXTURES.

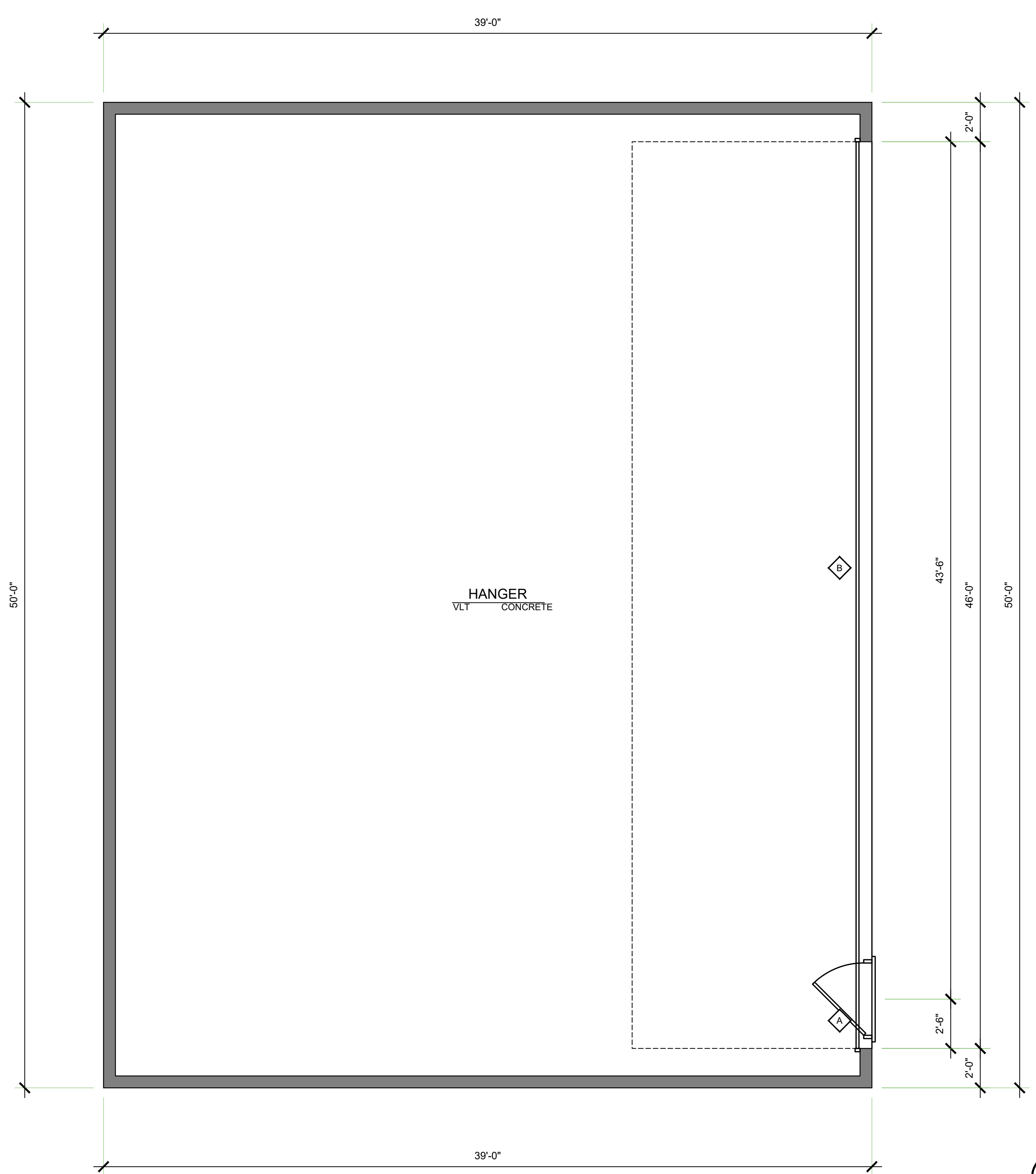
EXAMPLES OF LUMINAIRE THAT CAN BE CLASSIFIED AS HIGH EFFICACY BY MEETING THE REQUIREMENTS OF JAB INCLUDE:

- LED LUMINAIRE WITH INTEGRAL LIGHT SOURCES THAT ARE CERTIFIED TO THE ENERGY COMMISSION
- SCREW-BASED LUMINAIRE WITH JAB-CERTIFIED LAMPS
- LOW-VOLTAGE PIN-BASED LUMINAIRE WITH JAB-CERTIFIED LAMP

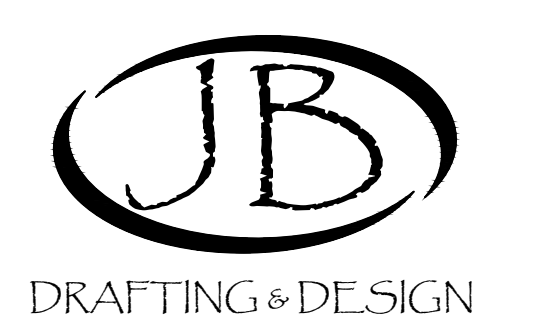
IN SHORT, ALMOST ANY LUMINAIRE CAN BE CLASSIFIED AS HIGH EFFICACY, AS LONG AS THE LUMINAIRE IS INSTALLED WITH A JAB COMPLIANT LAMP. THE EXCEPTION IS RECESSED DOWNLIGHT LUMINAIRE IN CEILING, WHICH MUST MEET ADDITIONAL REQUIREMENTS.

TABLE 6-1: SUMMARY OF COMPLIANT LUMINAIRE TYPES

| HIGH EFFICACY LUMINAIRE*  | JAB HIGH EFFICACY LIGHTING - LAMPS AND LIGHT SOURCES THAT MUST BE JAB-CERTIFIED  | RECESSED DOWNLIGHT LUMINAIRE IN CEILING  |
|---|--|--|
| <ul style="list-style-type: none"> <li>PIN-BASED LINEAR FLUORESCENT</li> <li>PIN-BASED COMPACT FLUORESCENT</li> <li>PULSE-START METAL HALIDE</li> <li>HIGH PRESSURE SODIUM</li> <li>GU-24 OTHER THAN LEADS</li> <li>INSEPARABLE SSL LUMINAIRE INSTALLED OUTDOORS</li> <li>INSEPARABLE SSL LUMINAIRE WITH COLORED LIGHT SOURCES FOR DECORATIVE LIGHTING PURPOSE</li> </ul> | <ul style="list-style-type: none"> <li>LIGHT SOURCES IN CEILING RECESSED DOWNLIGHT LUMINAIRE*</li> <li>LED LUMINAIRE WITH INTEGRAL SOURCES</li> <li>SCREW-BASED LED LAMPS (A-LAMPS, PAR LAMPS, ETC.)</li> <li>PIN-BASED LED LAMPS (MR-16, AR-111, ETC.)</li> <li>GU-24 BASED LED LIGHT SOURCE</li> <li>ANY SOURCE OR LUMINAIRE NOT LISTED ELSEWHERE ON THIS TABLE</li> </ul> | <ul style="list-style-type: none"> <li>SHALL NOT HAVE SCREW BASED SOCKETS</li> <li>SHALL CONTAIN JAB-CERTIFIED LIGHT SOURCES</li> <li>SHALL MEET ALL PERFORMANCE REQUIREMENTS IN §150.0(K)(1)</li> </ul> |



**BUILDING "B1" FLOOR PLAN**  
1/4" = 1'



CAD DESIGN - AS BUILTS  
RESIDENTIAL PLANS  
610 10TH ST. SUITE "D"  
PASO ROBLES, CA  
93446  
BUS: # (805) 237-0850  
FAX: # (805) 237-0480

PLAN PREPARED FOR:  
**JOHN MOORE**  
4750 WING WAY 207  
PASO ROBLES, CA 93446

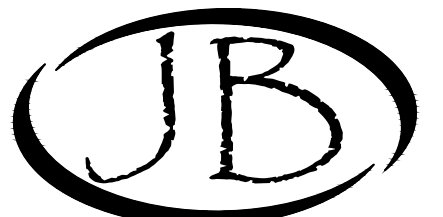
#### REVISION LOG

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PROJECT NO. ---  
FILE NAME A-5.1 BUILDING  
DRAWN BY BJK  
DATE 2/24/2022 10:03 AM  
SHEET TITLE:





DRAFTING & DESIGN

CAD DESIGN - AS BUILTS  
 RESIDENTIAL PLANS  
 610 10TH ST. SUITE "D"  
 PASO ROBLES, CA  
 93446  
 BUS. # (805) 237-0850  
 FAX # (805) 237-0480

**ELEVATION NOTES**

1. METAL ROOF OVER OVER 30# MINIMUM ROOFING FELT (TYP)
2. METAL SIDING OVER APPROVED MOISTER BARRIER
3. 24 GAUGE GI FLASHING @ ALL ROOF TO WALL CONNECTIONS (TYP)
4. SLOPE AWAY FROM BUILDING 5% FOR 10'-0" MINIMUM (TYP)

**COLORS**

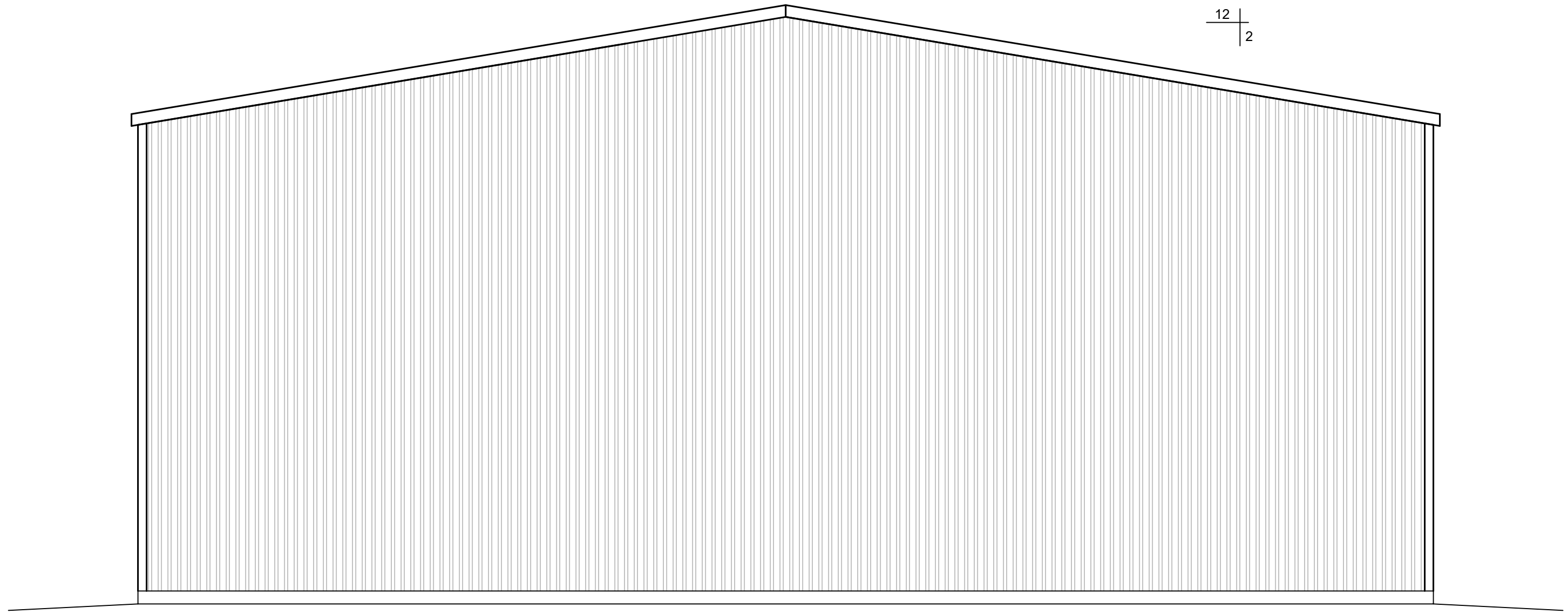
1. SIERRA TAN = DOORS, TRIM GUTTERS AND AWNINGS
2. LIGHT STONE = BUILDING BODY AND ROOF



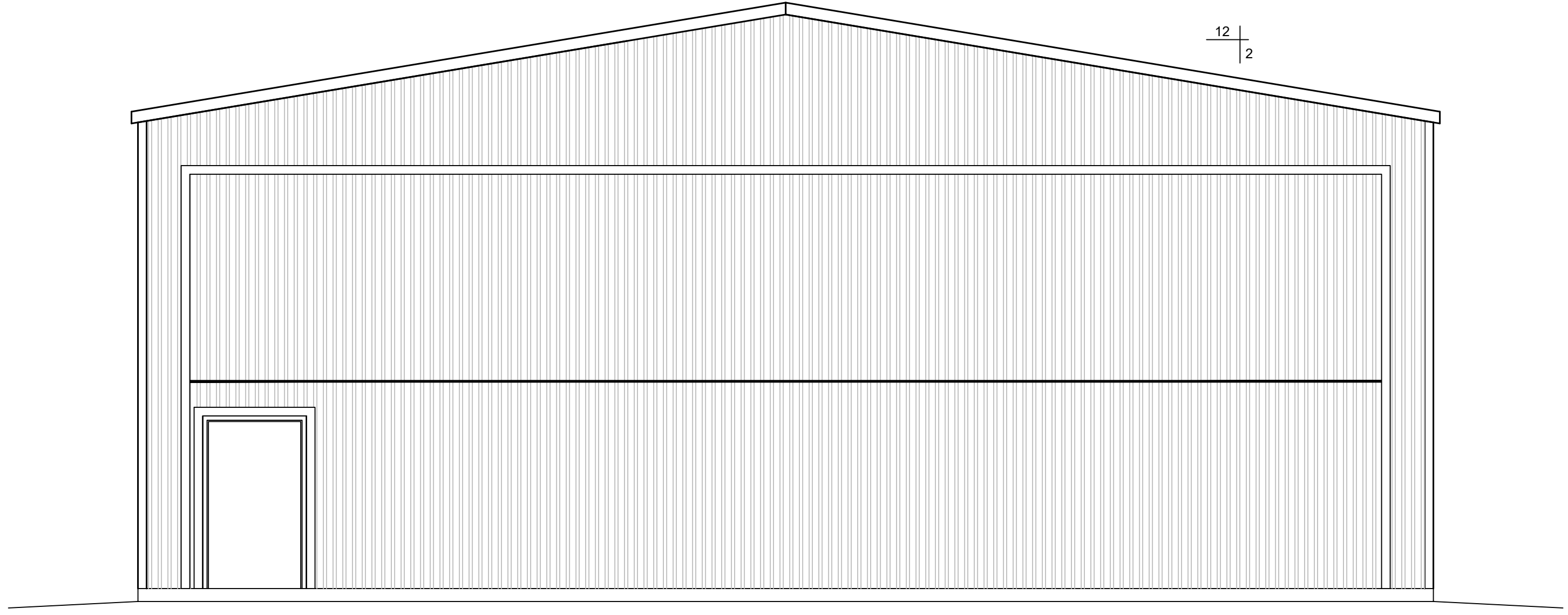
Sierra Tan (10)  
 SR = 0.91 TE = 0.84 SRI = 58 ES



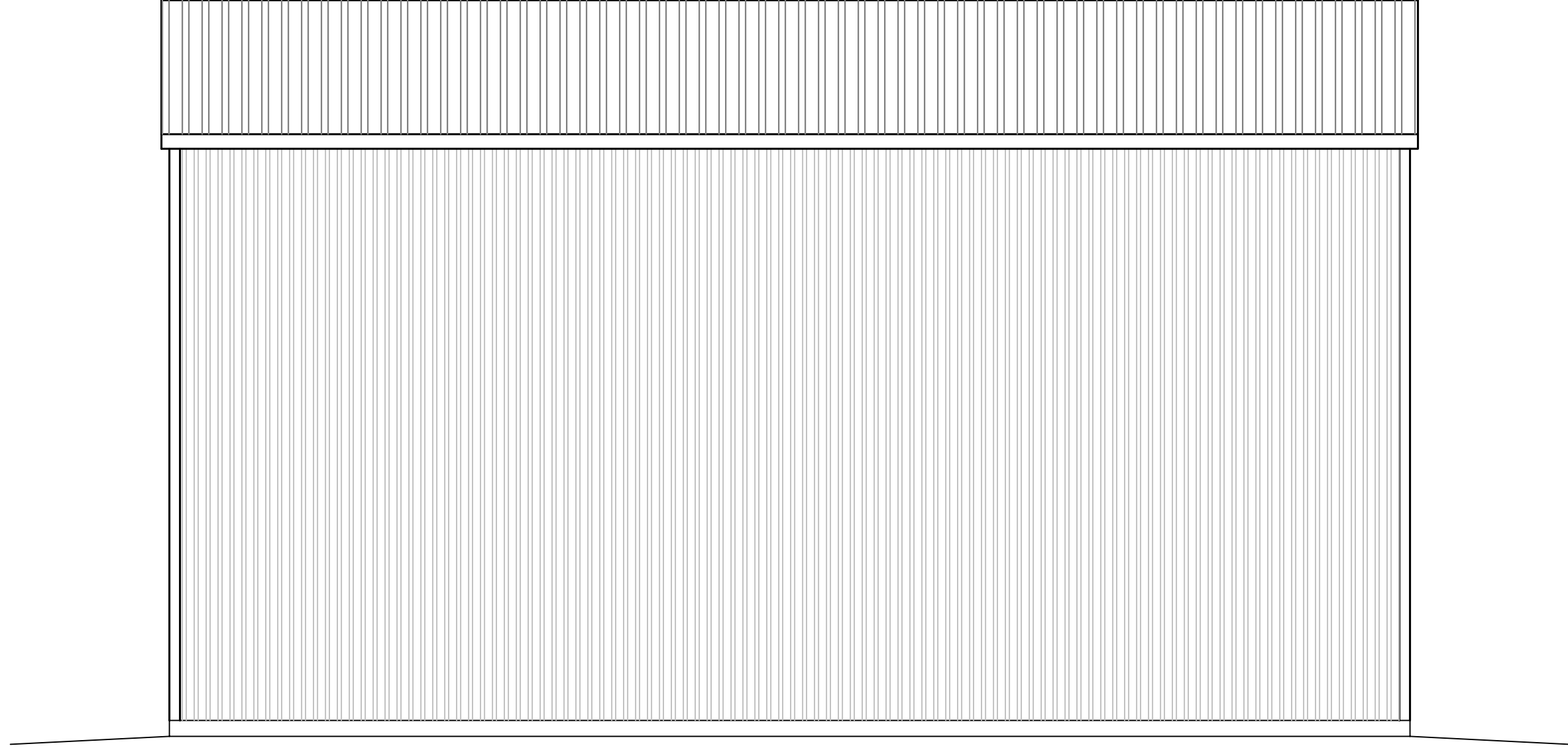
Light Stone (03)  
 SR = 0.65 TE = 0.87 SRI = 70 ES



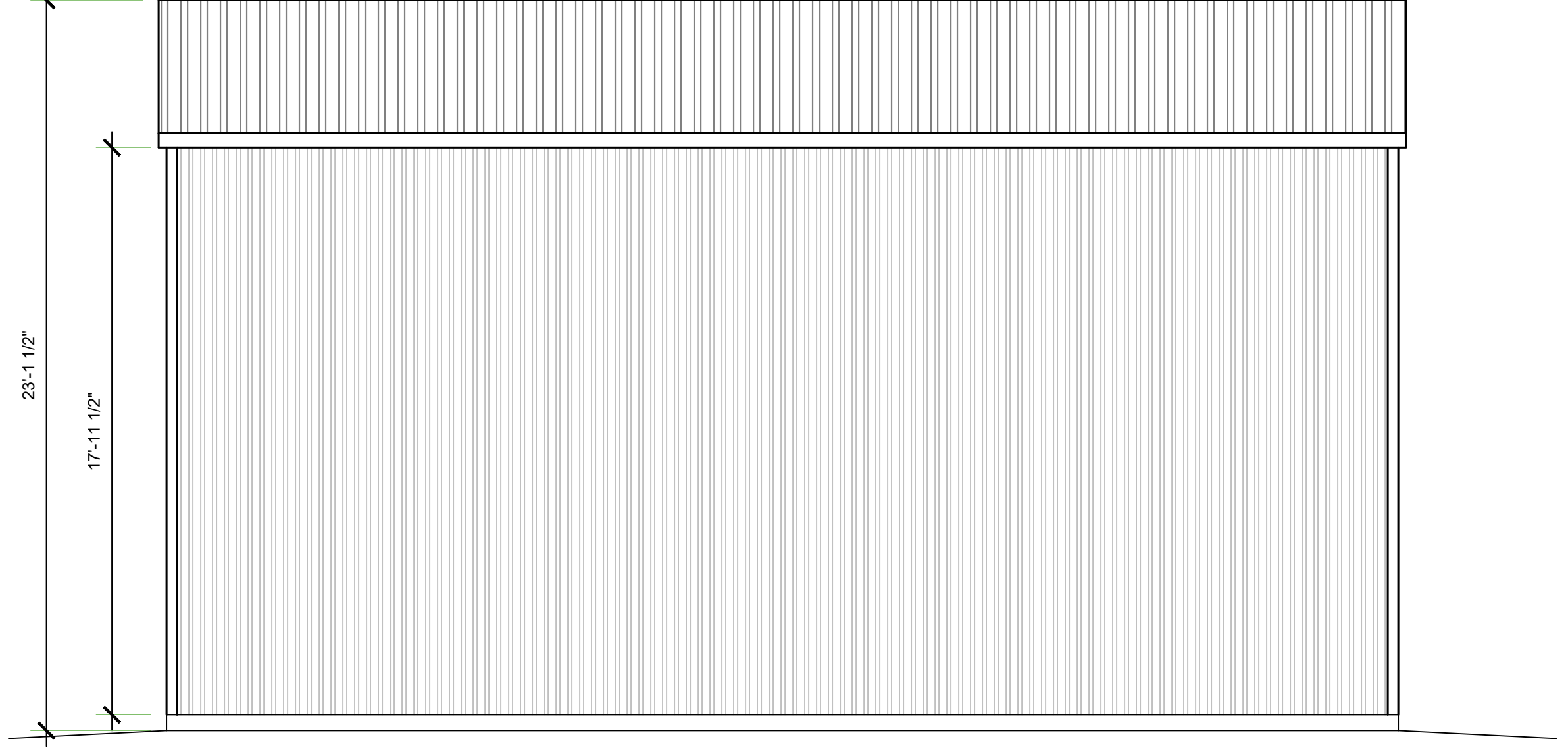
REAR ELEVATION BUILDING B1  
 1/4" = 1'



FRONT ELEVATION BUILDING B1  
 1/4" = 1'



RIGHT ELEVATION BUILDING B1  
 1/4" = 1'



LEFT ELEVATION BUILDING B1  
 1/4" = 1'

PLAN PREPARED FOR:  
**JOHN MOORE**  
 4750 WING WAY 207  
 PASO ROBLES, CA 93446

REVISION LOG

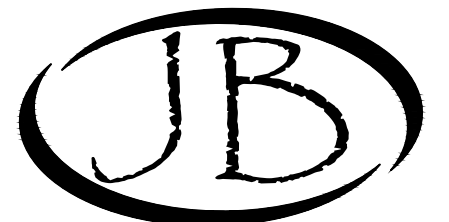
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PROJECT NO. ---  
 FILE NAME A-5.2 BUILDING  
 DRAWN BY BJK ELEVATIONS.DWG  
 DATE 2/24/2022 10:03 AM  
 SHEET TITLE:

SHEET NUMBER:  
**A-5.2**

C:\Users\jbutler\OneDrive\Documents\2022\A-5.2 BUILDING B1 ELEVATIONS.dwg 2/24/2022 11:12:39 AM



DRAFTING & DESIGN

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FAX # (805) 237-0480

PLAN PREPARED FOR:

JOHN MOORE  
4750 WING WAY 207  
PASO ROBLES, CA 93446

REVISION LOG

REV. DESCRIPTION DATE

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PROJECT NO. ---

FILE NAME A-6.1 BUILDING C FLOOR PLAN.DWG

DRAWN BY JJK

DATE 2/24/2022 10:03 AM

SHEET TITLE:

SHEET NUMBER:

A-6.1

ELECTRICAL CALLOUTS

- PROVIDE A 200 AMP MINIMUM ELECTRIC SUB-PANEL WITH #4 UPPER GROUND TO FOUNDATION GFCI OUTLETS ON ALL ABOVE COUNTER OUTLETS IN BARN MOUNTED AT 4" ABOVE FINISH FLOOR (TYP)
- CEILING MOUNTED OUTLET FOR BARN DOOR OPENER. PROVIDE AND INSTALL APPROVED BARN DOOR OPENER WITH REMOTE CONTROL.
- PROVIDE SCHEDULE 40 PVC CONDUIT FROM THE LOAD SIDE OF THE NEW ELECTRICAL PANEL DISCONNECT TO ATTIC AREA. CONDUIT SIZE SHALL BE AS FOLLOWS:  
100A 20 AMPS @ 120 VOLTS (1) 3/4" CONDUIT  
120A 24 AMPS @ 120 VOLTS (1) 3/4" CONDUIT  
150A 30 AMPS @ 120 VOLTS (1) 3/4" CONDUIT  
200A 40 AMPS @ 120 VOLTS (1) 1" CONDUIT  
400A 80 AMPS @ 120 VOLTS (1) 1 1/2" CONDUIT

DOOR SCHEDULE

| SYM. | QTY. | SIZE   | NOTES           |
|------|------|--------|-----------------|
| A    | 1    | 4070   | EXT. SINGLE     |
| B    | 2    | 120120 | METAL SECTIONAL |

LIGHTING NOTES

FOR RESIDENTIAL BUILDINGS AND SPACES, ALL OF THE LIGHTING REQUIREMENTS ARE MANDATORY MEASURES. THERE ARE NO TRADEOFFS BETWEEN LIGHTING AND OTHER BUILDING FEATURES AND LIGHTING IS NOT PART OF ANY COMPONENT PACKAGE UNDER THE PRESCRIPTIVE METHOD. THE RESIDENTIAL LIGHTING ENERGY STANDARDS APPLY ONLY TO PERMANENTLY INSTALLED LUMINAIRES, INCLUDING LUMINAIRES WITH EASILY INTERCHANGEABLE LAMPS, BUT DO NOT APPLY TO PORTABLE LUMINAIRES SUCH AS TABLE LAMPS OR FREESTANDING FLOOR LAMPS. ALL SECTION (S) AND TABLE REFERENCES IN THIS CHAPTER REFER TO SECTIONS AND TABLES CONTAINED IN TITLE 24 CALIFORNIA CODE OF REGULATIONS, PART 6, ALSO KNOWN AS THE ENERGY STANDARDS OR CALIFORNIA ENERGY CODE.

- THE NEW REQUIREMENTS MAY BE SUMMARIZED AS FOLLOWS:  
THE 2016 ENERGY STANDARDS HAVE SIMPLIFIED THE RESIDENTIAL LIGHTING REQUIREMENTS THROUGH THE FOLLOWING IMPORTANT CHANGES:
- ALL LUMINAIRES INSTALLED IN RESIDENTIAL CONSTRUCTION MUST QUALIFY AS "HIGH EFFICACY" LUMINAIRES. THIS ELIMINATES VARYING REQUIREMENTS BY ROOM AND TYPE OF CONTROLS. THIS ALSO ELIMINATES THE NEED TO CALCULATE THE WATTAGE OF LOW VERSUS HIGH EFFICACY LUMINAIRES IN THE KITCHEN.
  - THE DEFINITION OF "HIGH EFFICACY LUMINAIRES" HAS BEEN EXPANDED. IT INCLUDES THE LIGHT SOURCES IDENTIFIED AS EFFICIENT IN 2015: LINEAR FLUORESCENT, PIN-BASED COMPACT FLUORESCENT, GU-24 BASE CFL, HID, AND INDUCTION LIGHTING, AND NOW ALSO INCLUDES ANY LUMINAIRE THAT CONTAINS A JAB COMPLIANT LAMP OR OTHER LIGHT SOURCE THAT IS APPROPRIATELY MARKED. JAB CONTAINS REQUIREMENTS THAT ENSURE THAT LIGHT SOURCES, INCLUDING LAMPS AND LUMINAIRES, PROVIDE SUFFICIENT COLOR QUALITY, LIFE, AND ENERGY EFFICIENCY. TABLE 150.0-A OF §150.0 CONTAINS THE DEFINITION.
  - ALL PERMANENTLY INSTALLED LUMINAIRES WITH INTERCHANGEABLE LAMPS MUST CONTAIN LAMPS THAT COMPLY WITH THE REQUIREMENTS OF JOINT APPENDIX 8 (JAB) AND BE APPROPRIATELY MARKED TO BE CONSIDERED "HIGH EFFICACY LUMINAIRES."
  - THE MARKING "JAB-2016" IS REQUIRED FOR COMPLIANCE AND SHALL ONLY BE USED ON LAMPS THAT MEET THE REQUIREMENTS OF JOINT APPENDIX 8 AND ARE LISTED IN THE ENERGY COMMISSION JAB DATABASE.
  - THE MARKING "JAB-2016-E" INDICATES THAT IN ADDITION TO THE REQUIREMENTS ABOVE, FOR A JAB-2016 LIGHT SOURCE, THE LIGHT SOURCE HAS BEEN TESTED TO PROVIDE LONG LIFE AT ELEVATED TEMPERATURES. LIGHT SOURCES MUST BE MARKED "JA 8-2016-E" IF THEY ARE TO BE USED IN ENCLOSED OR RECESSED LUMINAIRES.
  - RECESSED DOWNLIGHT LUMINAIRES AND ENCLOSED LUMINAIRES ARE REQUIRED TO CONTAIN A JAB COMPLIANT LAMP THAT MEETS THE ELEVATED TEMPERATURE REQUIREMENT. RECESSED DOWNLIGHT LUMINAIRES WITH SCREW-BASED SOCKETS ARE NO LONGER PERMITTED TO BE INSTALLED.
  - THE BUILDER MUST PROVIDE THE NEW HOMEOWNER WITH A LUMINAIRE SCHEDULE (AS REQUIRED IN TITLE 24 CALIFORNIA CODE OF REGULATIONS, PART 1, §10-103(B)) THAT INCLUDES A LIST OF LAMPS INSTALLED IN THE LUMINAIRES SO THAT THE HOMEOWNER KNOWS WHAT LIGHT SOURCES THEY ARE ENTITLED TO WHEN THEY TAKE POSSESSION OF THE NEW HOME.
  - INSPECTIONS FOR LIGHTING ARE MORE STRAIGHTFORWARD AS ALL LUMINAIRES HAVE A HIGH EFFICACY LIGHT SOURCE AND THERE IS A COMPLETED LUMINAIRE SCHEDULE FOR THE INSPECTOR TO REVIEW.

IN ADDITION TO THESE CHANGES, THE 2016 ENERGY STANDARDS INCLUDE MINOR MODIFICATIONS TO THE LIGHTING CONTROLS REQUIREMENTS TO MAINTAIN CONSISTENCY WITH THE REQUIREMENTS FOR DIMMERS AND/OR VACANCY SENSORS.

6.2 INDOOR LUMINAIRE REQUIREMENTS - ALL HIGH EFFICACY

A "LUMINAIRE" IS THE LIGHTING INDUSTRY'S TERM FOR A LIGHT FIXTURE, AND IS DEFINED BY §100.1 AS A COMPLETE LIGHTING UNIT CONSISTING OF A LIGHT SOURCE SUCH AS A LAMP OR LAMPS, TOGETHER WITH THE PARTS THAT DISTRIBUTE THE LIGHT, POSITION AND PROTECT THE LIGHT SOURCE AND CONNECT IT TO THE POWER SUPPLY. A "LAMP" IS THE LIGHTING INDUSTRY'S TERM FOR A LIGHT BULB OR SIMILAR SEPARABLE LIGHTING COMPONENT, AND IS DEFINED BY §100.1 AS AN ELECTRICAL APPLIANCE THAT PRODUCES OPTICAL RADIATION FOR THE PURPOSE OF VISUAL ILLUMINATION, DESIGNED WITH A BASE TO PROVIDE AN ELECTRICAL CONNECTION BETWEEN THE LAMP AND A LUMINAIRE, AND DESIGNED TO BE INSTALLED INTO A LUMINAIRE BY MEANS OF A LAMP-HOLDER INTEGRAL TO THE LUMINAIRE.

THE 2016 ENERGY STANDARDS REQUIRE ALL PERMANENTLY INSTALLED LUMINAIRES TO BE "HIGH EFFICACY," AS SPECIFIED IN §150.0(K). PERMANENTLY INSTALLED LIGHTING IS DEFINED IN §100.1 AND EXAMPLES OF PERMANENTLY INSTALLED LIGHTING INCLUDE:

- LIGHTING ATTACHED TO WALLS, CEILINGS, OR COLUMNS.
- TRACK AND FLEXIBLE LIGHTING SYSTEMS.
- LIGHTING INSIDE PERMANENTLY INSTALLED CABINETS.
- LIGHTING ATTACHED TO THE TOP OR BOTTOM OF PERMANENTLY INSTALLED CABINETS.
- LIGHTING ATTACHED TO CEILING FANS.
- LIGHTING INTEGRAL TO EXHAUST FANS.
- LIGHTING THAT IS INTEGRAL TO BARN DOOR OPENERS IF IT IS DESIGNED TO BE USED AS GENERAL LIGHTING IS SWITCHED INDEPENDENTLY FROM THE BARN DOOR OPENER, AND DOES NOT AUTOMATICALLY TURN OFF AFTER A PRE-DETERMINED AMOUNT OF TIME.

THE FOLLOWING ARE EXAMPLES OF WHAT ARE NOT CONSIDERED TO BE PERMANENTLY INSTALLED LIGHTING:

- PORTABLE LIGHTING AS DEFINED BY §100.1 (INCLUDING, BUT NOT LIMITED TO, TABLE AND FREESTANDING FLOOR LAMPS WITH PLUG-IN CONNECTIONS).
- LIGHTING INSTALLED BY THE MANUFACTURER IN REFRIGERATORS, STOVES, MICROWAVE OVENS, EXHAUST HOODS FOR COOKING EQUIPMENT, REFRIGERATED CASES, VENDING MACHINES, FOOD PREPARATION EQUIPMENT, AND SCIENTIFIC AND INDUSTRIAL EQUIPMENT.
- LIGHTING IN BARN DOOR OPENERS WHICH CONSISTS OF NO MORE THAN TWO SCREW-BASED SOCKETS INTEGRATED INTO THE BARN DOOR OPENER BY THE MANUFACTURER, WHERE THE LIGHTS AUTOMATICALLY TURN ON WHEN THE BARN DOOR IS ACTIVATED, AND AUTOMATICALLY TURN OFF AFTER A PRE-DETERMINED AMOUNT OF TIME.

6.2.1 HIGH EFFICACY LUMINAIRES

"EFFICACY" IS A TERM USED IN THE LIGHTING INDUSTRY TO DESCRIBE THE OVERALL EFFECTIVENESS OF A LAMP OR LUMINAIRE, INCLUDING ITS ENERGY EFFICIENCY (EXPRESSED AS LUMENS/WATT). IN ORDER TO SIMPLIFY THE RESIDENTIAL LIGHTING REQUIREMENTS, THE ENERGY STANDARDS DEFINE CERTAIN LUMINAIRE TYPES AS "HIGH EFFICACY," MEANING THAT THEY POSSESS A HIGH LUMENS PER WATT EFFICIENCY AND DO NOT HAVE ANY ATTRIBUTES THAT WOULD MAKE THE LIGHT LESS EFFECTIVE OR LESS SUITABLE FOR RESIDENTIAL ILLUMINATION, AS NOTED ABOVE. THE 2016 ENERGY STANDARDS REQUIRE THAT ALL PERMANENTLY INSTALLED RESIDENTIAL LUMINAIRES MUST BE HIGH EFFICACY. HOWEVER, THE TYPES OF LUMINAIRES THAT CAN BE CONSIDERED HIGH EFFICACY HAVE ALSO BEEN REDEFINED.

CERTAIN TYPES OF LIGHT SOURCES ARE AUTOMATICALLY CLASSIFIED AS HIGH EFFICACY, UNLESS THEY ARE IN RECESSED DOWNLIGHT LUMINAIRES. LUMINAIRES IN ANY OF THE FOLLOWING CATEGORIES ARE AUTOMATICALLY CLASSIFIED AS HIGH EFFICACY:

- PIN-BASED LINEAR FLUORESCENT LUMINAIRES USING ELECTRONIC BALLASTS.
- PIN-BASED COMPACT FLUORESCENT LUMINAIRES USING ELECTRONIC BALLASTS.
- PULSE-START METAL HALIDE LUMINAIRES.
- HIGH PRESSURE SODIUM LUMINAIRES.
- LUMINAIRES WITH GU-24 SOCKETS OTHER THAN LEDS.
- LUMINAIRES WITH HARDWIRED HIGH FREQUENCY GENERATOR AND INDUCTION LAMP.
- INSEPARABLE SSL LUMINAIRES INSTALLED OUTDOORS.
- INSEPARABLE SSL LUMINAIRES WITH COLORED LIGHT SOURCES FOR DECORATIVE LIGHTING PURPOSE.

THE LUMINAIRE TYPES LISTED HERE ARE THE ONLY TYPES THAT ARE AUTOMATICALLY CLASSIFIED AS HIGH EFFICACY. ALL OTHER LUMINAIRE TYPES MUST HAVE A LIGHT SOURCE OR LAMP INSTALLED IN THEM AT THE TIME OF INSPECTION THAT MEETS THE REQUIREMENTS OF REFERENCE JOINT APPENDIX JAB.  
NOTE: LUMINAIRES DO NOT NEED TO BE SHIPPED BY MANUFACTURERS WITH A JAB SOURCE INSTALLED.

6.2.1.2 HIGH EFFICACY LIGHTING

LUMINAIRES NOT LISTED IN THE PREVIOUS SECTION MUST HAVE AN INTEGRAL LIGHT SOURCE OR REMOVABLE LAMP THAT MEETS THE PERFORMANCE REQUIREMENTS OF REFERENCE JOINT APPENDIX JAB. THE REQUIREMENTS IN JAB ARE DESIGNED TO ENSURE THAT NEW LIGHTING TECHNOLOGIES LIKE LED PROVIDE ENERGY EFFICIENT LIGHT, WHILE ALSO MAINTAINING PERFORMANCE CHARACTERISTICS THAT RESIDENTIAL CUSTOMERS EXPECT. IN ADDITION TO SETTING MINIMUM EFFICACY REQUIREMENTS, JAB ESTABLISHES PERFORMANCE REQUIREMENTS THAT ENSURE ACCURATE COLOR RENDITION, DIMMABILITY, AND REDUCED NOISE AND FLICKER DURING OPERATION.

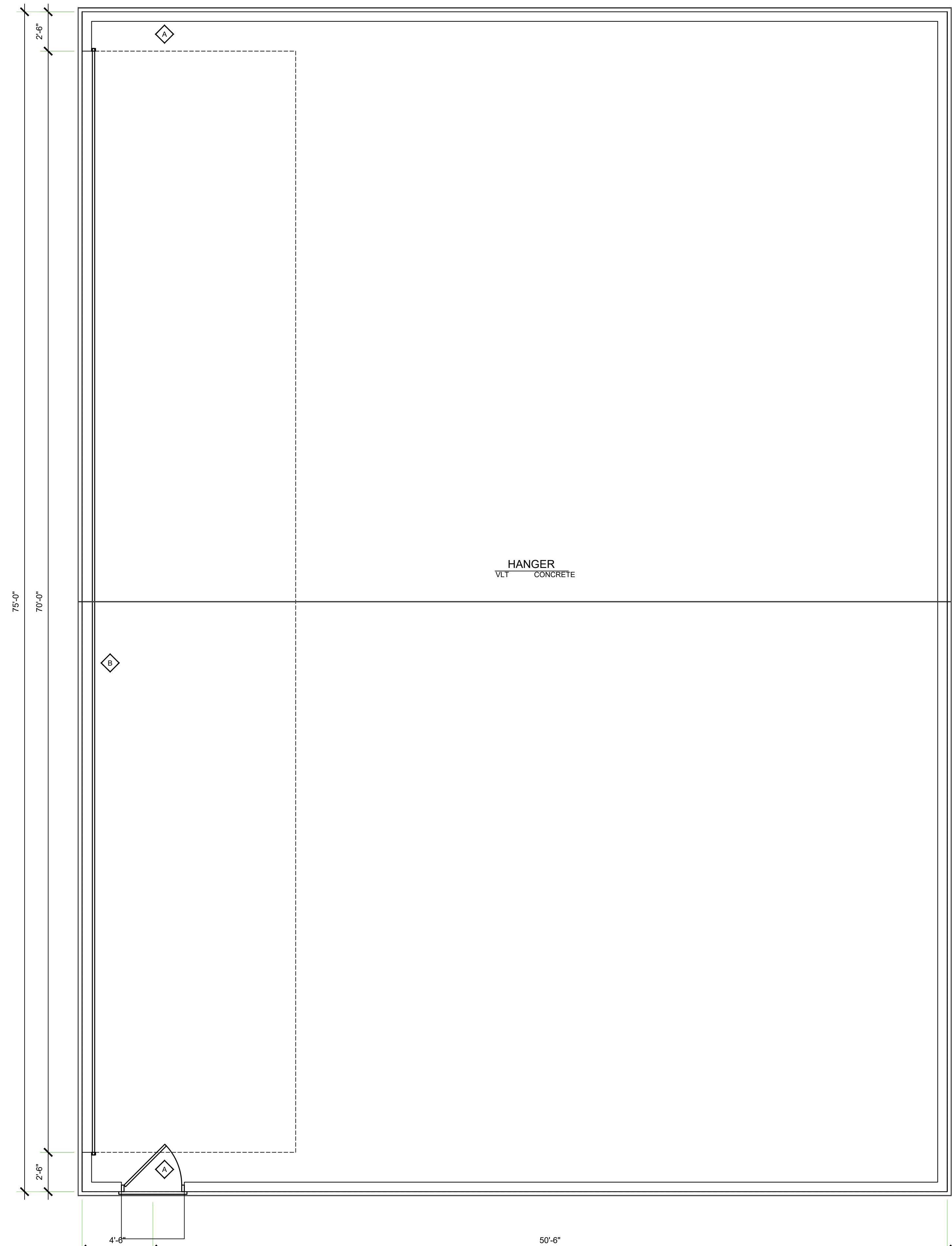
LUMINAIRES WITH INTEGRAL SOURCES, SUCH AS LED LUMINAIRES, MUST BE CERTIFIED BY THE ENERGY COMMISSION AS MEETING THE REQUIREMENTS OF JAB. LUMINAIRES THAT HAVE CHANGEABLE LAMPS (SUCH AS SCREW-BASED LUMINAIRES) MUST BE INSTALLED WITH LAMPS THAT HAVE BEEN CERTIFIED BY THE ENERGY COMMISSION AS MEETING THE REQUIREMENTS OF JAB. LUMINAIRES AND LAMPS THAT HAVE BEEN CERTIFIED BY THE ENERGY COMMISSION MUST BE MARKED WITH "JAB-2016" OR "JAB-2016-E" ON THE PRODUCT ITSELF. THE "JAB-2016-E" MARKING INDICATES THAT THE PRODUCT MEETS THE ELEVATED TEMPERATURE REQUIREMENT OF REFERENCE JOINT APPENDIX JAB AND IS SUITABLE FOR ELEVATED TEMPERATURE APPLICATIONS SUCH AS ENCLOSED AND RECESSED FIXTURES.

- EXAMPLES OF LUMINAIRES THAT CAN BE CLASSIFIED AS HIGH EFFICACY BY MEETING THE REQUIREMENTS OF JAB INCLUDE:
- LED LUMINAIRES WITH INTEGRAL LIGHT SOURCES THAT ARE CERTIFIED TO THE ENERGY COMMISSION
  - SCREW-BASED LUMINAIRES WITH JAB-CERTIFIED LAMPS
  - LOW-VOLTAGE PIN-BASED LUMINAIRES WITH JAB-CERTIFIED LAMPS

IN SHORT, ALMOST ANY LUMINAIRE CAN BE CLASSIFIED AS HIGH EFFICACY, AS LONG AS THE LUMINAIRE IS INSTALLED WITH A JAB COMPLIANT LAMP. THE EXCEPTION IS RECESSED DOWNLIGHT LUMINAIRES IN CEILINGS, WHICH MUST MEET ADDITIONAL REQUIREMENTS.

TABLE 6-1: SUMMARY OF COMPLIANT LUMINAIRE TYPES

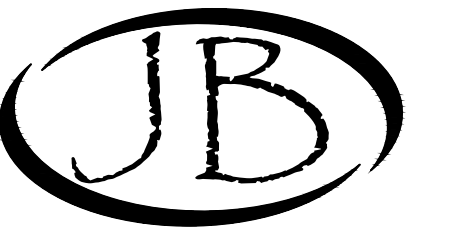
| HIGH EFFICACY LUMINAIRES*  | JAB HIGH EFFICACY LIGHTING - LAMPS AND LIGHT SOURCES THAT MUST BE JAB-CERTIFIED  | *RECESSED DOWNLIGHT LUMINAIRES IN CEILINGS   |
|--|--|--|
| <ul style="list-style-type: none"> <li>PIN-BASED LINEAR FLUORESCENT</li> <li>PIN-BASED COMPACT FLUORESCENT</li> <li>PULSE-START METAL HALIDE</li> <li>HIGH PRESSURE SODIUM</li> <li>GU-24 OTHER THAN LEDS</li> <li>INSEPARABLE SSL LUMINAIRES INSTALLED OUTDOORS</li> <li>INSEPARABLE SSL LUMINAIRES WITH COLORED LIGHT SOURCES FOR DECORATIVE LIGHTING PURPOSE</li> </ul> | <ul style="list-style-type: none"> <li>LIGHT SOURCES IN CEILING RECESSED DOWNLIGHT LUMINAIRES*</li> <li>LED LUMINAIRES WITH INTEGRAL SOURCES</li> <li>SCREW-BASED LED LAMPS (A-LAMPS, PAR LAMPS, ETC.)</li> <li>PIN-BASED LED LAMPS (MR-16, AR-111, ETC.)</li> <li>GU-24 BASED LED LIGHT SOURCE</li> <li>ANY SOURCE OR LUMINAIRE NOT LISTED ELSEWHERE ON THIS TABLE</li> </ul> | <ul style="list-style-type: none"> <li>SHALL NOT HAVE SCREW-BASED SOCKETS</li> <li>SHALL CONTAIN JAB-CERTIFIED LIGHT SOURCES</li> <li>SHALL MEET ALL PERFORMANCE REQUIREMENTS IN §150.0(K)(1)</li> </ul> |



BUILDING "C" FLOOR PLAN

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DRAFTING & DESIGN

CAD DESIGN - AS BUILTS  
RESIDENTIAL PLANS  
610 10TH ST. SUITE "D"  
PASO ROBLES, CA  
93446  
BUS. # (805) 237-0850  
FAX # (805) 237-0480

**ELEVATION NOTES**

1. METAL ROOF OVER OVER 30# MINIMUM ROOFING FELT (TYP)
2. METAL SIDING OVER APPROVED MOISTURE BARRIER
3. 24 GAUGE GI FLASHING @ ALL ROOF TO WALL CONNECTIONS (TYP)
4. SLOPE AWAY FROM BUILDING 5% FOR 10'-0" MINIMUM (TYP)

**COLORS**

1. SIERRA TAN = DOORS, TRIM GUTTERS AND AWNINGS
2. LIGHT STONE = BUILDING BODY AND ROOF



Sierra Tan (10)  
SR = 0.51 TE = 0.84 SRI = 08 ES



Light Stone (00)  
SR = 0.65 TE = 0.87 SRI = 70 ES

**REAR ELEVATION BUILDING C**  
1/4" = 1'

**FRONT ELEVATION BUILDING C**  
1/4" = 1'

PLAN PREPARED FOR:

**JOHN MOORE**  
4750 WING WAY 207  
PASO ROBLES, CA 93446

**REVISION LOG**

| REV. | DESCRIPTION | DATE |
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