

**1. DESIGN CRITERIA:**

- A. DESIGNED USING INTERNATIONAL BUILDING CODE, 2018 EDITION
- B. ROOF LIVE LOAD/SNOW LOAD = 150 PSF
- C. ROOF DEAD LOAD = 17 PSF
- D. FLOOR LIVE LOAD = 40 PSF
- E. FLOOR DEAD LOAD = 12 PSF
- F. WIND SPEED = 115 MPH
- G. EXPOSURE TYPE = B
- H. SEISMIC PARAMETERS, Ss = .51 %
- I. MINIMUM FROST DEPTH = 15 INCHES
- J. MINIMUM FROST DEPTH = 24 INCHES

**2. FOUNDATIONS & SLAB ON GRADE:**

- A. ALL FOOTING AND FOUNDATION DESIGNS ARE BASED ON AN ALLOWABLE SOIL BEARING CAPACITY OF 1,500 PSF BEARING ON COMPACT NATIVE SOIL (CODE MINIMUM). IF THE SITE HAS A LOWER BEARING CAPACITY THAN ASSUMED THE FOUNDATION PLAN WILL NEED TO BE REDESIGNED. IF SOIL IS DISTURBED, COMPACT SOIL IN 6" LIFTS TO 95% MAXIMUM DRY DENSITY PER ASTM D960.
- B. MINIMUM FROST DEPTH FROM LOWEST ADJACENT FINISH GRADE TO BOTTOM OF FOOTING SHALL BE MAINTAINED FOR ALL EXTERIOR FOOTINGS.
- C. CONTRACTOR TO VERIFY LOCATIONS FOR STEP FOOTINGS AND FOUNDATION WALLS BASED ON SITE RELATED FINISHED GRADE. IF NECESSARY, FOOTING STEPS ARE TO BE A MAXIMUM OF (2) VERTICALLY TO (1) HORIZONTALLY.
- D. ALL SLABS SHALL HAVE REINFORCING PER PLANS & CONTROL JOINTS @ 10'-0" SPACING MAX.
- E. ALL STRUCTURAL FILL BELOW FOOTINGS SHALL EXTEND OUT PAST FOOTINGS AT A SLOPE OF 1 HORIZONTAL TO 2 VERTICAL TO COMPACT SOILS.
- F. PROVIDE ADEQUATE DRAINAGE BEHIND ALL WALLS TO ALLEVIATE ANY STANDING WATER.
- G. ALL CONCRETE PAD & APRON LOCATIONS TO BE SECURED TO FOUNDATION WITH #4 DOWELS @ 24" O.C. EXTEND EXPOSED SIDES A MINIMUM OF 24" BELOW FINISHED GRADE.
- H. MINIMUM CONCRETE SLAB DEPTH IS 4".

**3. CONCRETE:**

- A. THE MINIMUM COMPRESSIVE STRENGTHS FOR CONCRETE AT 28 DAYS SHALL BE AS FOLLOWS (DESIGNED USING 2,500 PSI):
  - 1. ALL FOOTINGS, FOUNDATIONS, AND STEM WALLS FC = 3,000 PSI
  - 2. SLABS ON GRADE FC = 3,500 PSI
- B. MINIMUM CLEAR PROTECTION FOR REINFORCEMENT SHALL BE AS FOLLOWS:
  - 1. PLACED DIRECTLY AGAINST EARTH 3"
  - 2. FORMED SURFACES #5 BARS OR SMALLER 1-1/2"
  - 3. STRUCTURAL SLABS 1"
- C. SAWN CONTROL & CONSTRUCTION JOINTS SHALL BE MADE AS SOON AS POSSIBLE WITHOUT DAMAGE TO THE SURFACE. FILLING OF SAWN JOINTS WHERE REQUIRED SHALL BE DELAYED AS LONG AS POSSIBLE TO ALLOW MAXIMUM SHRINKAGE TO OCCUR IN SLABS.
- D. ALL EMBEDDED ANCHOR BOLTS SHALL BE A36 OR A307 STEEL W/ 7" MIN. EMBEDMENT. ANCHOR BOLTS TO BE WITHIN 1'-0" OF SILL PLATE ENDS, WITH A MIN. OF TWO PER WALL AND NO CLOSER THAN 6" FROM CONCRETE WALL CORNERS. REFER TO LOG MANUFACTURERS SPECIFIC BOLT PLAN FOR LOG WALL ANCHORS. DO NOT POUR FOUNDATION WITH OUT LOG MANUFACTURERS BOLT PLAN.
- E. WET SETTING OF REINFORCING BARS IN FOOTINGS AND WALLS IS NOT ALLOWED.
- F. BLOCK-OUT ALL STEM WALLS @ ENTRIES AS REQUIRED.
- G. CONCRETE FORM WORK TO BE OF ADEQUATE STRENGTH AND BRACED TO PREVENT DEFORMATION.
- H. PROTECT ALL CONCRETE FROM FREEZING.
- I. ALL LOWER LEVEL AND RETAINING WALLS WHICH HAVE FILL HIGHER THAN AN INTERIOR FLOOR LEVEL SHALL HAVE AN APPROVED WATERPROOFING MEMBRANE APPLIED.
- J. PROVIDE ADEQUATE TEMPORARY BRACING OF CONCRETE AND/OR CMU RETAINING WALLS DURING BACKFILL PRIOR TO INSTALLATION OF MAIN FLOOR FRAMING AND BASEMENT CONCRETE SLAB ON GRADES. WALL DESIGNS ARE BASED ON TOP OF WALL RESTRAINED BY FINISHED FLOOR SYSTEM AND RESISTING SLIDING BY HAVING BASEMENT CONCRETE SLAB ON GRADE FLOOR INSTALLED.
- K. IT IS RECOMMENDED THAT ALL GRADING, EXCAVATION, AND INSTALLATION OF FOUNDATIONS BE PERFORMED UNDER THE INSPECTION AND TESTING OF A QUALIFIED GEOTECHNICAL CONSULTANT DURING THE CRITICAL STAGES OF CONSTRUCTION.
- L. STATE A TEXTURE OF EXPOSED CONCRETE SURFACES PER OWNERS DIRECTION.

**4. REINFORCING STEEL:**

- A. ASTM A615, GRADE 60. BARS TO BE WELDED SHALL BE ASTM A706, GRADE 60.
- B. MINIMUM LENGTH OF LAPPED SPLICES SHALL BE 48 TIMES BAR DIAMETER UNLESS NOTED OTHERWISE. STAGGER SPLICES IN WALLS SO THAT NO TWO ADJACENT BARS ARE SPLICED IN THE SAME LOCATION.
- C. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185, Fy = 75,000 PSI.
- D. REINFORCING SHALL BE CONTINUOUS THROUGH ALL COLD JOINTS.
- E. PROVIDE CORNER BARS W/ 18" LEGS AT CORNERS AND INTERSECTING WALLS AND FOOTINGS. SIZE AND PLACEMENT TO MATCH HORIZONTAL REINFORCEMENT.
- F. PROVIDE #4 HORIZONTALS AT TOP OF WALL CONT. IN FOOTINGS, AND ABOVE ALL OPENINGS. PROVIDE #4 HORIZONTALS AT ALL INTERSECTING FLOORS AND ROOF LEVELS, BOTTOM OF ALL WINDOWS AND AT 1'-0" O.C. MAXIMUM OR PER PLANS.
- G. PROVIDE #4 VERTICALS AT 24" O.C. W/ STANDARD HOOK, EXTENDING INTO FOOTING AT EACH SIDE OF WALL OPENINGS AND AT EACH END OF WALLS.
- H. PROVIDE FOUNDATION HOLD-DOWNS AT ALL SHEAR WALL LOCATIONS PER PLAN, IF APPLICABLE.

**5. WOOD FRAMING:**

- A. STRUCTURAL LUMBER SHALL BE DOUGLAS FIR-LARCH (DF-L) #2 OR BETTER.
- B. WOOD INSTALLED WITHIN 1" OF CONCRETE OR MASONRY SHALL BE REDWOOD OR PRESSURE TREATED.
- C. PROVIDE WET USE ADHESIVES.
- D. MAXIMUM LUMBER MOISTURE CONTENTS SHALL BE 15%.
- E. ALL FRAMING DETAILS SHALL BE IN ACCORDANCE WITH THE ADOPTED CODE.
- F. PROVIDE SOLID BLOCKING BELOW ALL BEARING WALLS AND POSTS. PROVIDE BLOCKING @ 24" O.C. @ JOISTS PARALLEL WITH BEARING WALLS ABOVE.
- G. MINIMUM HEADER AT BEARING WALL TO BE 4X6 WITH 4X6 BEARING STUD PLUS KING STUD EACH SIDE. HEADERS WITH LARGER LOADS WILL BE CALLED OUT IN PLANS.

- H. BLOCK AND NAIL ALL HORIZONTAL PANEL EDGES AT SHEAR WALLS.
- I. ROOF SHEATHING: 1 5/8" CDX MIN. (E21) G) SPAN RATING 100 @ 2' 1 1/2" O.C. EDGE AND 12" O.C. FIELD U.N.O.
- J. FLOOR SHEATHING: 3/4" CDX MIN. (48/24) SPAN RATING 100 @ 6" O.C. EDGE AND 12" O.C. FIELD U.N.O.
- K. EXT. WALL SHEATHING: 1 5/8" CDX MIN. (24/0) SPAN RATING ALL SPAN RATINGS TO MEET LOCAL CODES.
- L. ORIENTED STRAND BOARD (OSB) WITH THE SAME SPAN RATING MAY BE SUBSTITUTED.
- M. ALL EXTERIOR WALLS TO BE 2X6 @ 16" O.C. AND AT INTERIOR NON-LOAD BEARING PARTITIONS TO BE 2X4 @ 16" O.C. STUD WALLS (U.N.O.)
- N. 2X DIMENSIONAL STUDS ARE TO BE STANDARD (DF-L) #2 OR BETTER WESTERN WHITE WOODS (WWW)
- O. PROVIDE STEEL STRAPS AT PIPES IN STUD WALLS AS REQUIRED BY THE ADOPTED CODE.
- P. OVER-FRAMING SHALL BE DONE SUCH THAT VERTICAL LOADS ARE TRANSFERRED TO MAIN STRUCTURE BELOW BY DIRECT BEARING AT SPACING NOT TO EXCEED 24" O.C.
- Q. METAL HANGERS AND CONNECTIONS ARE 'SIMPSON' AND SHALL BE INSTALLED PER 'SIMPSON' RECOMMENDATIONS.
- R. ENGINEERED "Y" JOISTS TO BE DESIGNED, CERTIFIED, ERECTED, INSTALLED, AND BRACED PER MANUFACTURERS SPECS. ALL REFERENCES ON PLANS ARE FOR TRUSS-JOIST, A WYERHAEUSER BUSINESS PRODUCT. USE THESE PRODUCTS OR AN EQUIVALENT APPROVED MANUFACTURER.
- S. SHEATHING SHALL BE APA RATED EXPOSURE 1
- T. STAGGER SHEATHING END JOINTS 4'-0"
- U. PROVIDE 1/4" SPACE AT ALL PANEL EDGES FOR EXPANSION.
- V. FRAME INTERIOR BEARING WALLS SHORT TO ACCOUNT FOR LOG SETTLING.
- W. FRAME INTERIOR POSTS SHORT TO ACCOUNT FOR LOG SETTLING. USE REMOVABLE SHIMS OR SETTLING JACK AS NECESSARY.
- X. ALL WINDOW SIZES ARE NOMINAL. VERIFY ACTUAL LOG OPENINGS WITH LOG # WINDOW MANUFACTURERS.
- Y. ALL MCDOLLAM (LV'S) SHALL HAVE THE MINIMUM SECTION PROPERTIES OF FB = 2900 PSI, FV = 285 PSI, E = 2,000,000 PSI.
- Z. ALL ROOF OPENINGS GREATER THAN 12'X12" SHALL BE FRAMED IN OPENINGS.
- AA. GLUE-LAM BEAMS SHALL BE DOUGLAS FIR COMBINATION 24F-V4 FOR SIMPLY SUPPORTED AND 24F-V6 FOR CANTILEVERED BEAMS, FB = 2400 PSI, FV = 165 PSI, E = 1,600,000 PSI. PROVIDE WET USE GLUE ON ALL EXTERIOR LOCATIONS.

**6. STRUCTURAL STEEL:**

- A. BOLTS AND LAGS SHALL CONFORM TO ASTM A36 (U.N.O.)
- B. STEEL TUBES TO CONFORM TO ASTM500, GRADE B (FY = 40KSI)
- C. PROVIDE MILD STEEL PLATE WASHERS AT ALL BOLT HEADS AND NUTS BEARING AGAINST WOOD.
- D. ALL WORK SHALL BE IN ACCORDANCE WITH THE 9TH EDITION, OR 1ST EDITION LRFD MANUAL OF AISC - SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS.
- E. ALL WELDING SHALL BE PERFORMED PER AWS D1.1 WITH A MINIMUM WELD SIZE OF 3/16" AND WITH E70XX ELECTRODE.
- F. MACHINE BOLTS SHALL BE ASTM A325 (U.N.O.)
- G. PROVIDE LOCK WASHERS BETWEEN NUT AND CONNECTED STEEL.
- H. ALL STEEL, INCLUDING NUTS, BOLTS, AND WASHERS EXPOSED TO WEATHER, SHALL BE GALVANIZED.

**7. PRE-MANUFACTURED METAL PLATED TRUSSES:**

- A. PRE-MANUFACTURED TRUSS PROVIDER TO VERIFY ALL LOADING PATTERNS TO FOOTINGS BELOW.
- B. PRE-MANUFACTURED TRUSS PROVIDER TO PROVIDE SUPPORT @ TRUSSES FOR LOADING SHOWN ON ALL PLANS, SECTIONS AND DETAILS. VERIFY SECOND FLOOR LOADS AND SPECIAL CASE POINT LOADING FROM LOG AND FRAMED ROOF SYSTEMS.
- C. ALL PRE-MANUFACTURED ROOF TRUSSES SHALL BE DESIGNED FOR THE ROOF LOADS SHOWN AND ACCOUNT FOR ANY REQUIRED ADDITIONAL DRIFT, VALLEY, OR BAYE LOAD PER CODE. TRUSS SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD (E.O.R.) FOR REVIEW AND COMPLIANCE.

**8. GENERAL STRUCTURAL NOTES:**

- A. CONTRACTOR TO VERIFY ALL OPENINGS, BUILDING DIMENSIONS, COLUMN LOCATIONS AND DIMENSIONS WITH OWNER AND LOG MANUFACTURER PRIOR TO POURING OF ANY CONCRETE FOUNDATIONS OR CONSTRUCTION.
- B. THE ENGINEER OF RECORD IS NOT RESPONSIBLE FOR ANY DEVIATIONS FROM THESE PLANS UNLESS SUCH CHANGES ARE AUTHORIZED IN WRITING TO THE ENGINEER OF RECORD.
- C. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING SAFE AND ADEQUATE SHORING AND/OR TEMPORARY STRUCTURAL STABILITY FOR ALL PARTS OF THE STRUCTURE DURING CONSTRUCTION. THE STRUCTURE SHOWN ON THE DRAWINGS HAS BEEN DESIGNED FOR FINAL CONFIGURATION.
- D. NOTCHING AND/OR CUTTING OF ANY STRUCTURAL MEMBER IN THE FIELD IS PROHIBITED, UNLESS PRIOR CONSENT IS GIVEN BY THE ENGINEER OF RECORD.

**2018 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)**

THE PROPOSED BUILDING HAS BEEN OBSERVED TO MEET OR EXCEED THE REQUIREMENTS OF THE INTERNATIONAL ENERGY CONSERVATION CODE

| TABLE N1102.1.1 (R602.1.2)                           |                 |                 |                    |               |              |                            |
|--|-----------------|-----------------|--------------------|---------------|--------------|----------------------------|
| INSULATION AND PENETRATION REQUIREMENTS BY COMPONENT |                 |                 |                    |               |              |                            |
| CLIMATE ZONE   | WYUOBY U-FACTOR | CEILING R-VALUE | ROOF/FLOOR R-VALUE | FLOOR R-VALUE | SLAB R-VALUE | DOOR/ WINDOW/ WALL R-VALUE |
| 3  | 0.20            | 4.0             | 15.0 OR 15.10      | 10            | 10.40        | 10/15                      |



FROM NORTHEAST



FROM SOUTHEAST



FROM NORTHWEST

|                    |      |         |
|--------------------|------|---------|
| LIVING SPACE       | 224  | sq. ft. |
| UNFINISHED STORAGE | 225  | sq. ft. |
| GARAGE             | 2176 | sq. ft. |

| SHEET INDEX |                          |
|-------------|--------------------------|
| PAGE        | TITLE                    |
| A1          | COVER SHEET              |
| A2          | SITE PLAN                |
| A3          | FLOOR PLAN - 1ST LEVEL   |
| A4          | FOUNDATION               |
| A5          | WALL BRACING - 1ST LEVEL |
| A6          | FLOOR FRAMING            |
| A7          | ROOF LAYOUT - 1ST LEVEL  |
| A8          | ROOF OVERVIEW            |
| A9          | ELEVATIONS               |
| A10         | ELEVATIONS               |
| A11         | SECTION VIEWS            |
| A12         | SECTION VIEWS            |
| E1          | ELECTRICAL - 1ST LEVEL   |



SCAN FOR CURRENT PLAN



SCAN FOR ENGINEERED CALCS

ENGINEER STAMP AREA

PROJECT NO.  
25-011

40' x 60' SHOP FOR BALLARD  
ADAMS COU., ID



SHEET SIZE  
24" x 36"

INITIAL DATE: 4/15/2025  
PRINT DATE: 2/14/2026

DRAWN BY:  
Steve

SMC Design  
SMC Design  
208.249.7288  
Nampa, ID

SHEET NUMBER  
A1  
PAGE 1 OF 13

CONTRACTOR TO VERIFY ALL DETAILS, DIMENSIONS, AND SPECIFICATIONS PRIOR TO CONSTRUCTION, AND REPORT ANY OMISSIONS AND/OR ERRORS TO SMC DESIGN. THE PURCHASER OR BUILDER OF THIS PLAN RELEASES SMC DESIGN FROM ANY CLAIMS, LITIGATIONS OR SUITS THAT MAY ARISE DURING CONSTRUCTION OR ANYTIME THEREAFTER.

COVER SHEET



**PROJECT NO.**  
25-011

**40' x 60' SHOP FOR BALLARD  
ADAMS COU., ID**



CONTRACTOR TO VERIFY ALL DETAILS, DIMENSIONS, AND SPECIFICATIONS PRIOR TO CONSTRUCTION, AND REPORT ANY OMISSIONS AND/OR ERRORS TO SMC DESIGN. THE PURCHASER OR BUILDER OF THIS PLAN RELEASES SMC DESIGN FROM ANY CLAIMS, LITIGATIONS OR SUITS THAT MAY ARISE DURING CONSTRUCTION OR ANYTIME THEREAFTER.

**SHEET SIZE**  
24" x 36"

**INITIAL DATE:** 4/15/2025  
**PRINT DATE:** 2/14/2026

**DRAWN BY:**  
Steve

**SITE PLAN**

| SHEET INDEX |                          |
|-------------|--------------------------|
| PAGE        | TITLE                    |
| A1          | COVER SHEET              |
| A2          | SITE PLAN                |
| A3          | FLOOR PLAN - 1ST LEVEL   |
| A4          | FOUNDATION               |
| A5          | WALL BRACING - 1ST LEVEL |
| A6          | FLOOR FRAMING            |
| A7          | ROOF LAYOUT - 1ST LEVEL  |
| A8          | ROOF OVERVIEW            |
| A9          | ELEVATIONS               |
| A10         | ELEVATIONS               |
| A11         | SECTION VIEWS            |
| A12         | SECTION VIEWS            |
| E1          | ELECTRICAL - 1ST LEVEL   |

**SMC Design**  
SMC Design  
208.249.7288  
Nampa, ID

**SHEET NUMBER**  
**A2**  
PAGE 2 OF 13



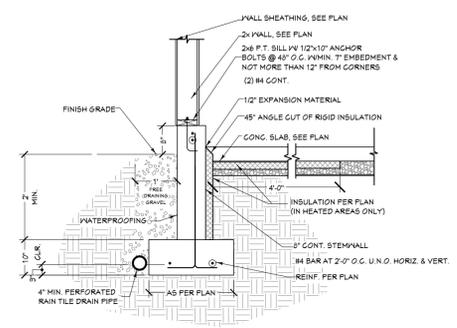


SCAN FOR CURRENT PLAN



SCAN FOR ENGINEERED CALCS

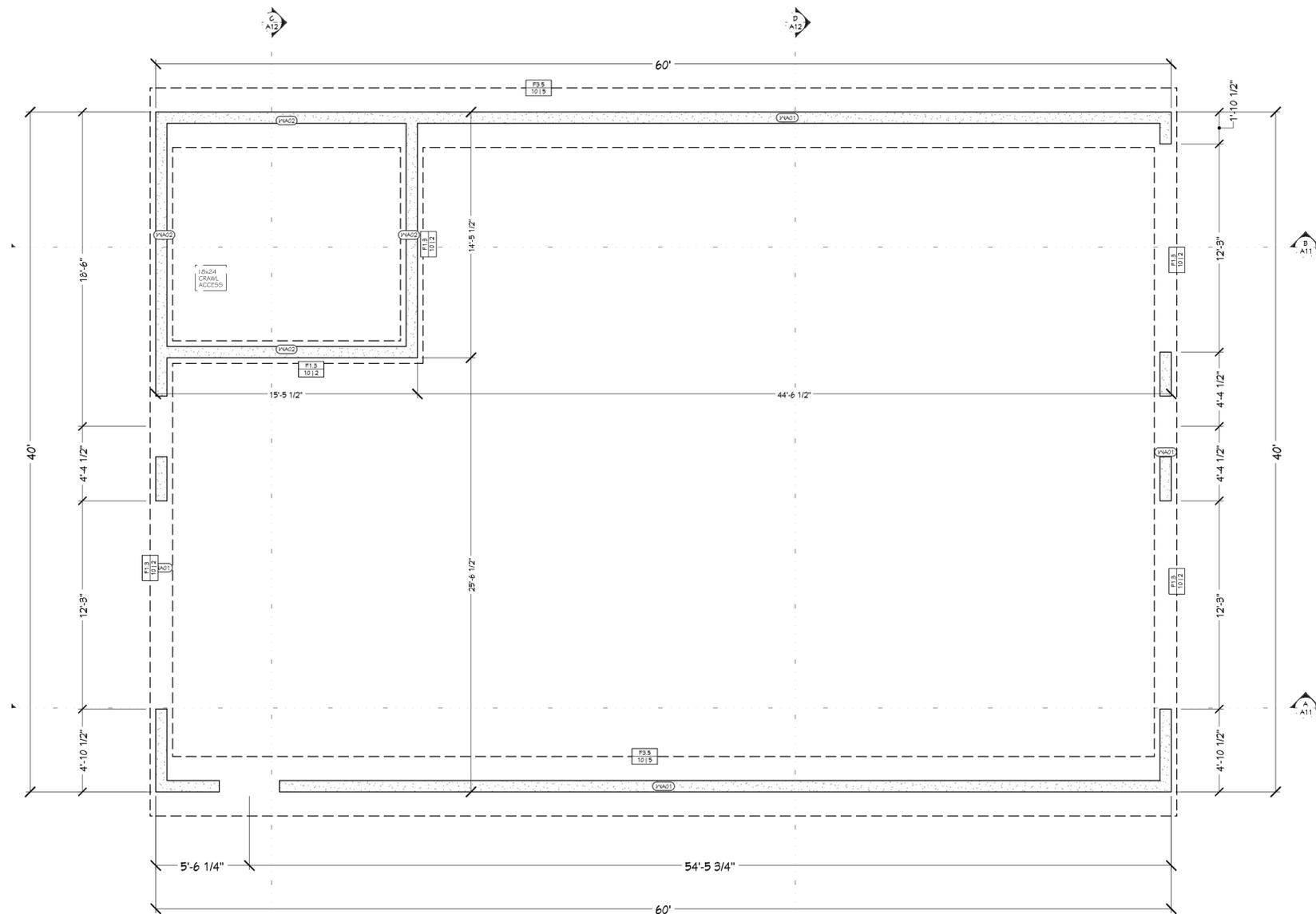
ENGINEER STAMP AREA



| WALL SCHEDULE |                       |
|---------------|-----------------------|
| NUMBER        | WALL TYPE(S)          |
| WA01          | 8" CONCRETE STEM WALL |
| WA02          | 8" CONCRETE STEM WALL |

CONTINUOUS FOOTING SCHEDULE (ALL FOOTINGS \*1.3" UNO)

| CALLOUT     | FOOTING SIZE | REINFORCEMENT      |
|-------------|--------------|--------------------|
| F13<br>1012 | 16" X 10"    | (2) #4 CONT. REBAR |
| F15<br>1015 | 42" X 10"    | (5) #4 CONT. REBAR |



| CALLOUT | STRAP TYPE | HOLD DOWN SCHEDULE | FASTENERS | ROF STUDS |
|---------|------------|--------------------|-----------|-----------|
|         |            |                    |           |           |

FOUNDATION CONCRETE (EST.)

|                |          |
|----------------|----------|
| FOOTING        | 17 Cu Yd |
| STEM WALLS     | 14 Cu Yd |
| CONCRETE SLAB  | 26 Cu Yd |
| TOTAL CONCRETE | 57 Cu Yd |

**FOUNDATION NOTES:**  
ALL ANGLE 45° UNO  
8" THICK WALLS CONCRETE  
FOUNDATION WALLS  
ALL INTERIOR DIMENSIONS  
ARE TO CENTER OF FOOTING

| PAGE | TITLE                    | SHEET INDEX |
|------|--------------------------|-------------|
| A1   | COVER SHEET              |             |
| A2   | SITE PLAN                |             |
| A3   | FLOOR PLAN - 1ST LEVEL   |             |
| A4   | FOUNDATION               |             |
| A5   | WALL BRACING - 1ST LEVEL |             |
| A6   | FLOOR FRAMING            |             |
| A7   | ROOF LAYOUT - 1ST LEVEL  |             |
| A8   | ROOF OVERVIEW            |             |
| A9   | ELEVATIONS               |             |
| A10  | ELEVATIONS               |             |
| A11  | SECTION VIEWS            |             |
| A12  | SECTION VIEWS            |             |
| E1   | ELECTRICAL - 1ST LEVEL   |             |

40' x 60' SHOP FOR BALLARD  
ADAMS COU., ID



CONTRACTOR TO VERIFY ALL DETAILS, DIMENSIONS, AND SPECIFICATIONS PRIOR TO CONSTRUCTION. AND REPORT ANY OMISSIONS AND/OR ERRORS TO SMC DESIGN. THE PURCHASER OR BUILDER OF THIS PLAN RELEASES SMC DESIGN FROM ANY CLAIMS, LITIGATIONS OR SUITS THAT MAY ARISE DURING CONSTRUCTION OR ANYTIME THEREAFTER.

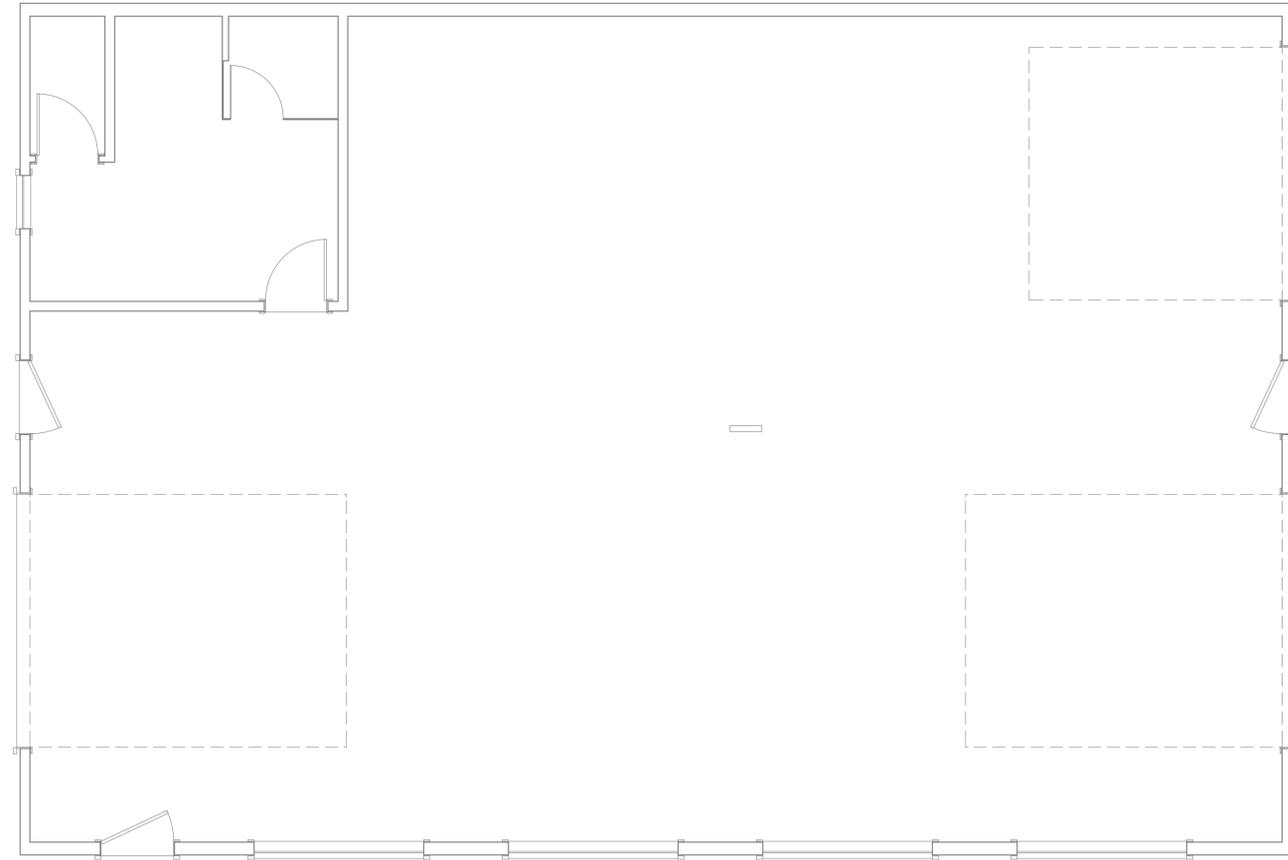
SHEET SIZE  
24" x 36"

INITIAL DATE: 4/15/2025  
PRINT DATE: 2/14/2026

DRAWN BY: Steve

SMC Design  
SMC Design  
208.249.7288  
Nampa, ID

SHEET NUMBER  
A4  
PAGE 4 OF 13



WALL BRACING PLAN - 1ST LEVEL  
1/4 IN = 1 FT

| CALL EGORAS, TRUSS OR RIM KEY NOTES |             |
|-------------------------------------|-------------|
| CALLOUT                             | DESCRIPTION |
|                                     |             |

| HOLD-DOWN SCHEDULE |            |           |           |
|--------------------|------------|-----------|-----------|
| CALLOUT            | STRAP TYPE | FASTENERS | BOF STUBS |
|                    |            |           |           |

| TYP. NOTES |  |  |  |  |
|------------|--|--|--|--|
| 1.         | ALL SHEATHING PANEL EDGES SHALL BE BLOCKED UNO                                       |  |  |  |
| 2.         | PROVIDE SAME NAILING PATTERNS ABOVE AND BELOW OPENINGS AS ADJACENT SHEAR PANEL       |  |  |  |
| 3.         | ALL EXTERIOR WALLS SHALL BE SHEARWALL WITHIN THOUT BLAG UNO                          |  |  |  |
| 4.         | FASTEN CARBUREN TO SHEAR WALLS BELOW 100 TOSS WALLS @ 12" O.C. UNO                   |  |  |  |
| 5.         | FASTEN TRUSS HEELS TO SHEAR WALLS WITH HS SA AND (2) 10D TOSS WALLS @ EACH           |  |  |  |
| 6.         | OFF BOARD SHEAR WALLS MAY BE SUBSTITUTED WITH AN SPS SHEAR WALL @ CONTRACTORS OPTION |  |  |  |
| 7.         | WALL SHEATHING CAN BE APPLIED TO EITHER SIDE OF THE WALL UNO                         |  |  |  |

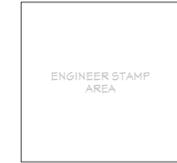
| BVP | SHEATHING | SIDES OF WALL | SHEET NAILING | SHEET STAPLING | BLKG | NAILING UNO BOTTOM PLY INTO BVP |
|-----|-----------|---------------|---------------|----------------|------|---------------------------------|
|     |           |               |               |                |      |                                 |



SCAN FOR CURRENT PLAN



SCAN FOR ENGINEERED CALCS



PROJECT NO.  
25-011

40' x 60' SHOP FOR BALLARD  
ADAMS COU., ID



CONTRACTOR TO VERIFY ALL DETAILS, DIMENSIONS, AND SPECIFICATIONS PRIOR TO CONSTRUCTION, AND REPORT ANY OMISSIONS AND/OR ERRORS TO SMC DESIGN. THE PURCHASER OR BUILDER OF THIS PLAN RELEASES SMC DESIGN FROM ANY CLAIMS, LITIGATIONS OR SUITS THAT MAY ARISE DURING CONSTRUCTION OR ANYTIME THEREAFTER.

SHEET SIZE  
24" x 36"

INITIAL DATE: 4/15/2025  
PRINT DATE: 2/14/2026

DRAWN BY: Steve

WALL BRACING - 1ST LEVEL

| PAGE | SHEET INDEX              |
|------|--------------------------|
| A1   | TITLE COVER SHEET        |
| A2   | SITE PLAN                |
| A3   | FLOOR PLAN - 1ST LEVEL   |
| A4   | FOUNDATION               |
| A5   | WALL BRACING - 1ST LEVEL |
| A6   | FLOOR FRAMING            |
| A7   | ROOF LAYOUT - 1ST LEVEL  |
| A8   | ROOF OVERVIEW            |
| A9   | ELEVATIONS               |
| A10  | ELEVATIONS               |
| A11  | SECTION VIEWS            |
| A12  | SECTION VIEWS            |
| E1   | ELECTRICAL - 1ST LEVEL   |

SMC Design  
SMC Design  
208.249.7288  
Nampa, ID

SHEET NUMBER  
**A5**  
PAGE 5 OF 13



SCAN FOR CURRENT PLAN



SCAN FOR ENGINEERED CALCS

ENGINEER STAMP AREA

40' x 60' SHOP FOR BALLARD  
ADAMS COU., ID



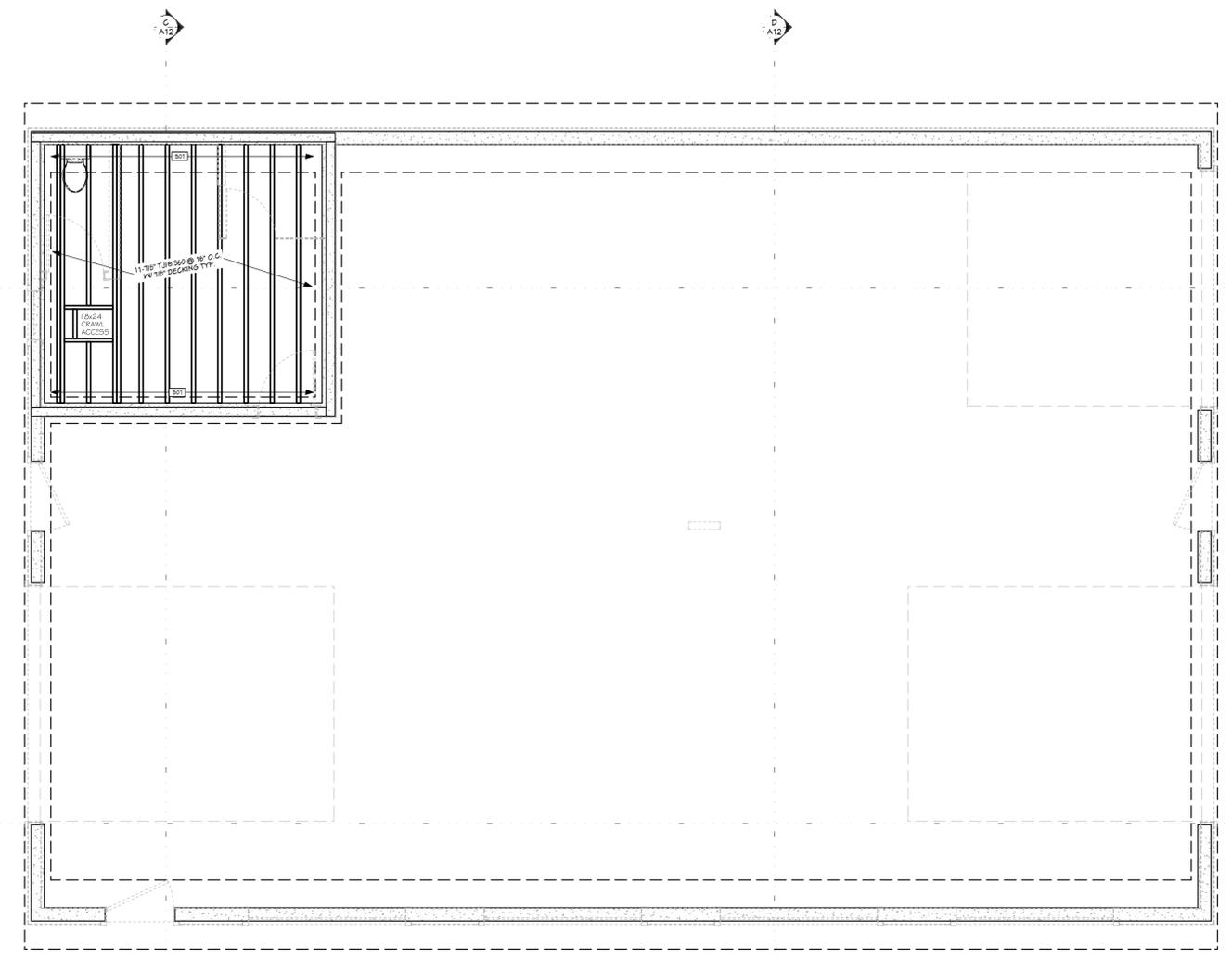
CONTRACTOR TO VERIFY ALL DETAILS, DIMENSIONS, AND SPECIFICATIONS PRIOR TO CONSTRUCTION, AND REPORT ANY OMISSIONS AND/OR ERRORS TO SMC DESIGN. THE PURCHASER OR BUILDER OF THIS PLAN RELEASES SMC DESIGN FROM ANY CLAIMS, LITIGATIONS OR SUITS THAT MAY ARISE DURING CONSTRUCTION OR ANYTIME THEREAFTER.

SHEET SIZE  
24" x 36"

INITIAL DATE: 4/15/2025  
PRINT DATE: 2/14/2026

DRAWN BY: Steve

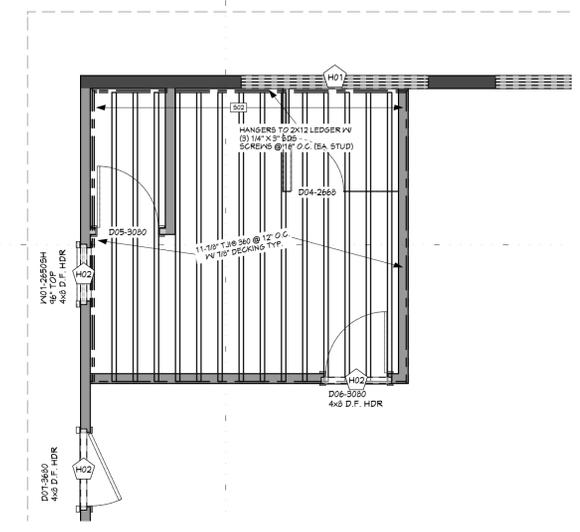
SHEET NUMBER  
**A6**  
PAGE 6 OF 13



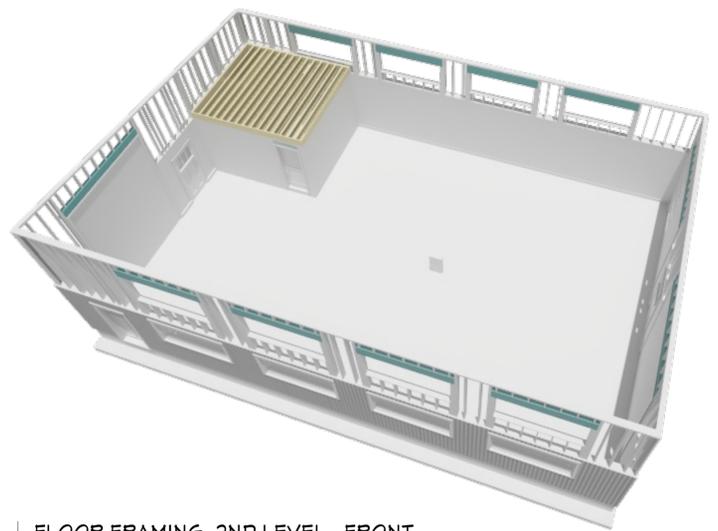
FLOOR FRAMING - 1ST LEVEL  
1/4 IN = 1 FT



FLOOR FRAMING - 1ST LEVEL - FRONT



FLOOR FRAMING - 2ND LEVEL  
1/4 IN = 1 FT



FLOOR FRAMING - 2ND LEVEL - FRONT

| HANGER SCHEDULE |       |               |          |                 |                  |
|-----------------|-------|---------------|----------|-----------------|------------------|
| CALLOUT         | MODEL | TOP NAILS     | SEAT LG. | MEMBER NAILS    | FACE NAILS       |
| ITS23111.88     |       | (6) 0.148 X 3 | 2.00"    | N/A             | N/A              |
| US51014         |       | N/A           | 2.00"    | (6) 0.148 X 1.5 | (14) 0.148 X 3.5 |

| SABLE/CRAS TRUSS OR RIM KEY NOTES: |             |
|------------------------------------|-------------|
| CALLOUT                            | DESCRIPTION |
|                                    |             |

| WALL SCHEDULE |                       |             |
|---------------|-----------------------|-------------|
| NUMBER        | WALL TYPE(S)          | DESCRIPTION |
| WMA01         | 8" CONCRETE STEM WALL |             |
| WMA02         | 8" CONCRETE STEM WALL |             |

| HEADER SCHEDULE |                         |
|-----------------|-------------------------|
| NO.             | TYPE                    |
| H01             | REVALUATION ERROR       |
| H02             | (1) 4X8 D.F.            |
| H03             | (1) 6X10 D.F.           |
| H04             | (2) 1 3/4 X 11 1/4 D.F. |

| SHEET INDEX |                          |
|-------------|--------------------------|
| PAGE        | TITLE                    |
| A1          | COVER SHEET              |
| A2          | SITE PLAN                |
| A3          | FLOOR PLAN - 1ST LEVEL   |
| A4          | FOUNDATION               |
| A5          | WALL BRACING - 1ST LEVEL |
| A6          | FLOOR FRAMING            |
| A7          | ROOF LAYOUT - 1ST LEVEL  |
| A8          | ROOF OVERVIEW            |
| A9          | ELEVATIONS               |
| A10         | ELEVATIONS               |
| A11         | SECTION VIEWS            |
| A12         | SECTION VIEWS            |
| E1          | ELECTRICAL - 1ST LEVEL   |



SCAN FOR CURRENT PLAN



SCAN FOR ENGINEERED CALCS



40' x 60' SHOP FOR BALLARD  
ADAMS COU., ID



CONTRACTOR TO VERIFY ALL DETAILS, DIMENSIONS, AND SPECIFICATIONS PRIOR TO CONSTRUCTION. AND REPORT ANY OMISSIONS AND/OR ERRORS TO SMC DESIGN. THE PURCHASER OR BUILDER OF THIS PLAN RELEASES SMC DESIGN FROM ANY CLAIMS, LITIGATIONS OR SUITS THAT MAY ARISE DURING CONSTRUCTION OR ANYTIME THEREAFTER.

SHEET SIZE  
24" x 36"

INITIAL DATE: 4/15/2025  
PRINT DATE: 2/14/2026

DRAWN BY: Steve

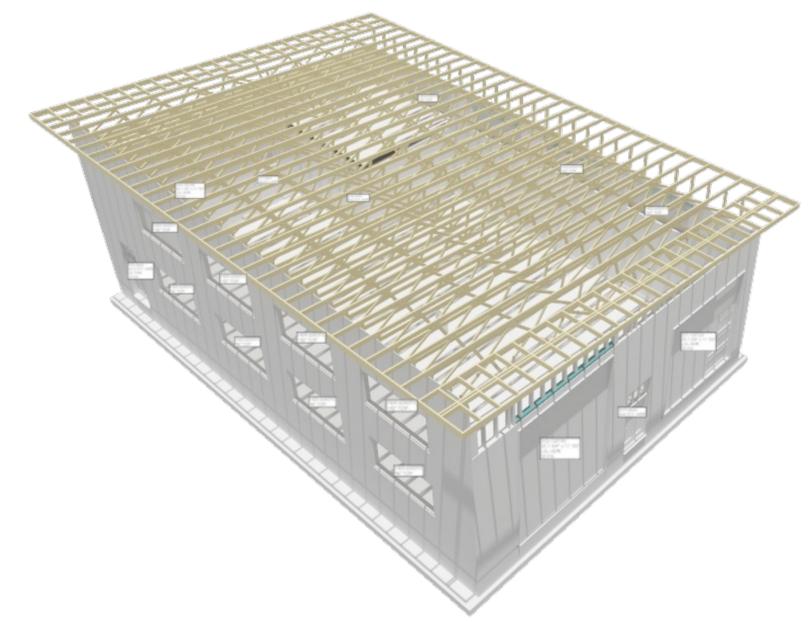
ROOF LAYOUT - 1ST LEVEL

SMC Design  
SMC Design  
208.249.7288  
Nampa, ID

SHEET NUMBER  
A7  
PAGE 7 OF 13



ROOF FRAMING - 1ST LEVEL - REAR

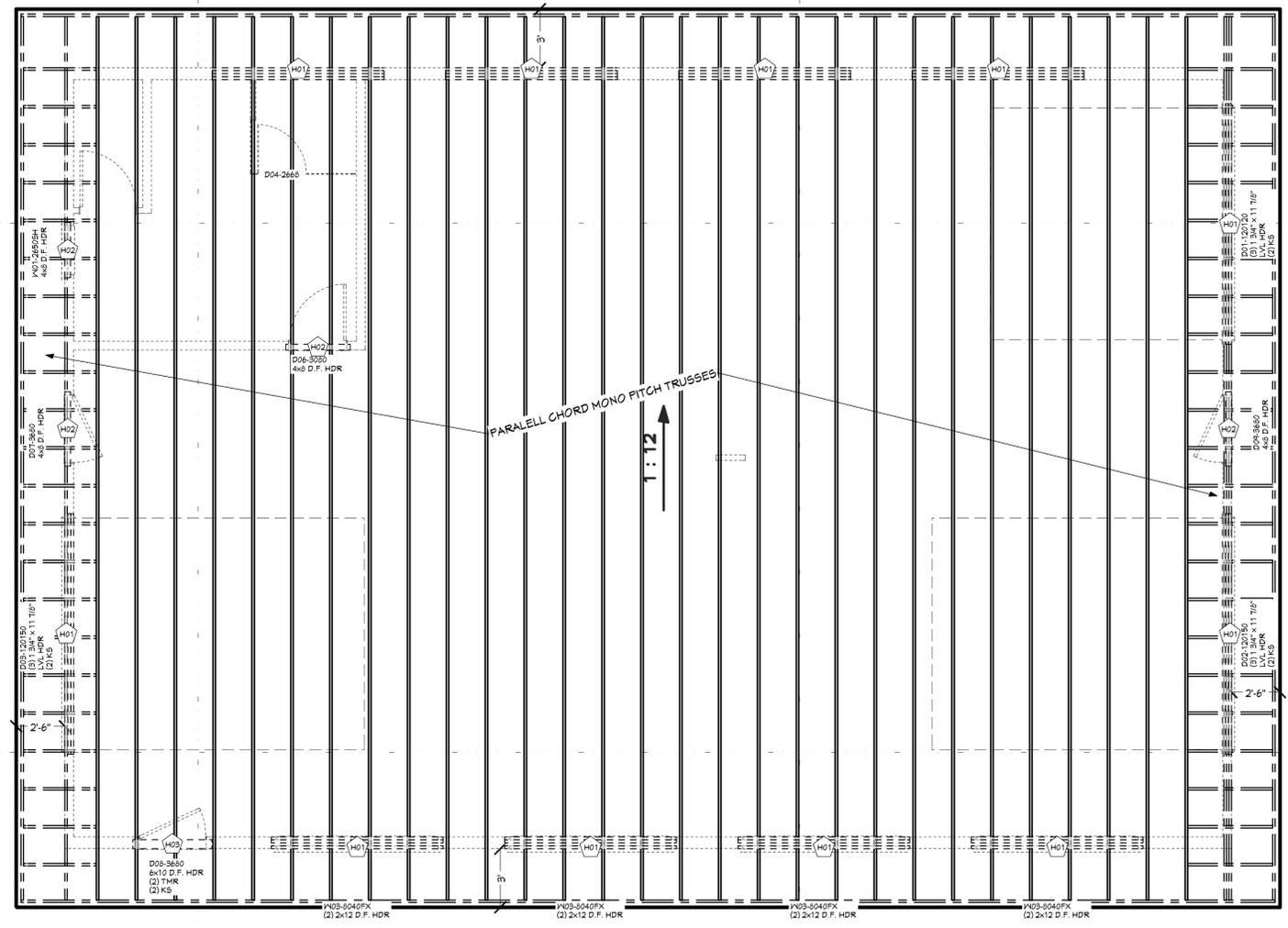


ROOF FRAMING - 1ST LEVEL - FRONT

| SHEET INDEX |                          |
|-------------|--------------------------|
| PAGE        | TITLE                    |
| A1          | COVER SHEET              |
| A2          | SITE PLAN                |
| A3          | FLOOR PLAN - 1ST LEVEL   |
| A4          | FOUNDATION               |
| A5          | WALL BRACING - 1ST LEVEL |
| A6          | FLOOR FRAMING            |
| A7          | ROOF LAYOUT - 1ST LEVEL  |
| A8          | ROOF OVERVIEW            |
| A9          | ELEVATIONS               |
| A10         | ELEVATIONS               |
| A11         | SECTION VIEWS            |
| A12         | SECTION VIEWS            |
| E1          | ELECTRICAL - 1ST LEVEL   |

| ROOF MATERIALS |              |
|----------------|--------------|
| METAL ROOFING  | 3000 Sq. Ft. |
| O5B            | 93 Ea.       |
| GABLE FASCIA   | 93 Ft.       |
| EAVE FASCIA    | 130 Ft.      |
| DRIP EDGE      | 223 Ft.      |

**ROOF FRAMING NOTES:**  
ALL EAVE OVERHANGS 36" UNO  
ALL GABLE OVERHANGS 30" UNO



ROOF LAYOUT - 1ST LEVEL  
1/4 IN = 1 FT

| BEAM SCHEDULE |      |        |       |  |
|---------------|------|--------|-------|--|
| NO.           | FLR. | PLY(S) | NOTES | CTR. LG +/-   MIN BRG   T.O. BEAM   B.O. BEAM   CALG.# |
|               |      |        |       |  |

| HEADER SCHEDULE |                         |
|-----------------|-------------------------|
| NO.             | TYPE                    |
| H01             | REVALUATION ERROR#      |
| H02             | (1) 4x8 D.F.            |
| H03             | (1) 8x12 D.F.           |
| H04             | (2) 1.394 X 11 1/4 D.F. |

| * ALL BEARING TO HAVE SOLID BEARING TO FOUNDATION |                  |
|---|------------------|
| BEARING SCHEDULE                                  |                  |
| NO.   | BEARING AREA (X) |
|   |                  |

| POST SCHEDULE |                    |
|---------------|--------------------|
| NO.           | QTY   FLR.   NOTES |
|               |                    |

| CALLOUT | DESCRIPTION |
|---------|-------------|
|         |             |



SCAN FOR CURRENT PLAN



SCAN FOR ENGINEERED CALCS



40' x 60' SHOP FOR BALLARD  
ADAMS COU., ID



CONTRACTOR TO VERIFY ALL DETAILS, DIMENSIONS, AND SPECIFICATIONS PRIOR TO CONSTRUCTION, AND REPORT ANY OMISSIONS AND/OR ERRORS TO SMC DESIGN. THE PURCHASER OR BUILDER OF THIS PLAN RELEASES SMC DESIGN FROM ANY CLAIMS, LITIGATIONS OR SUITS THAT MAY ARISE DURING CONSTRUCTION OR ANYTIME THEREAFTER.

SHEET SIZE  
24" x 36"

INITIAL DATE: 4/15/2025  
PRINT DATE: 2/14/2026

DRAWN BY:  
Steve

ROOF OVERVIEW

SMC Design  
SMC Design  
208.249.7288  
Nampa, ID

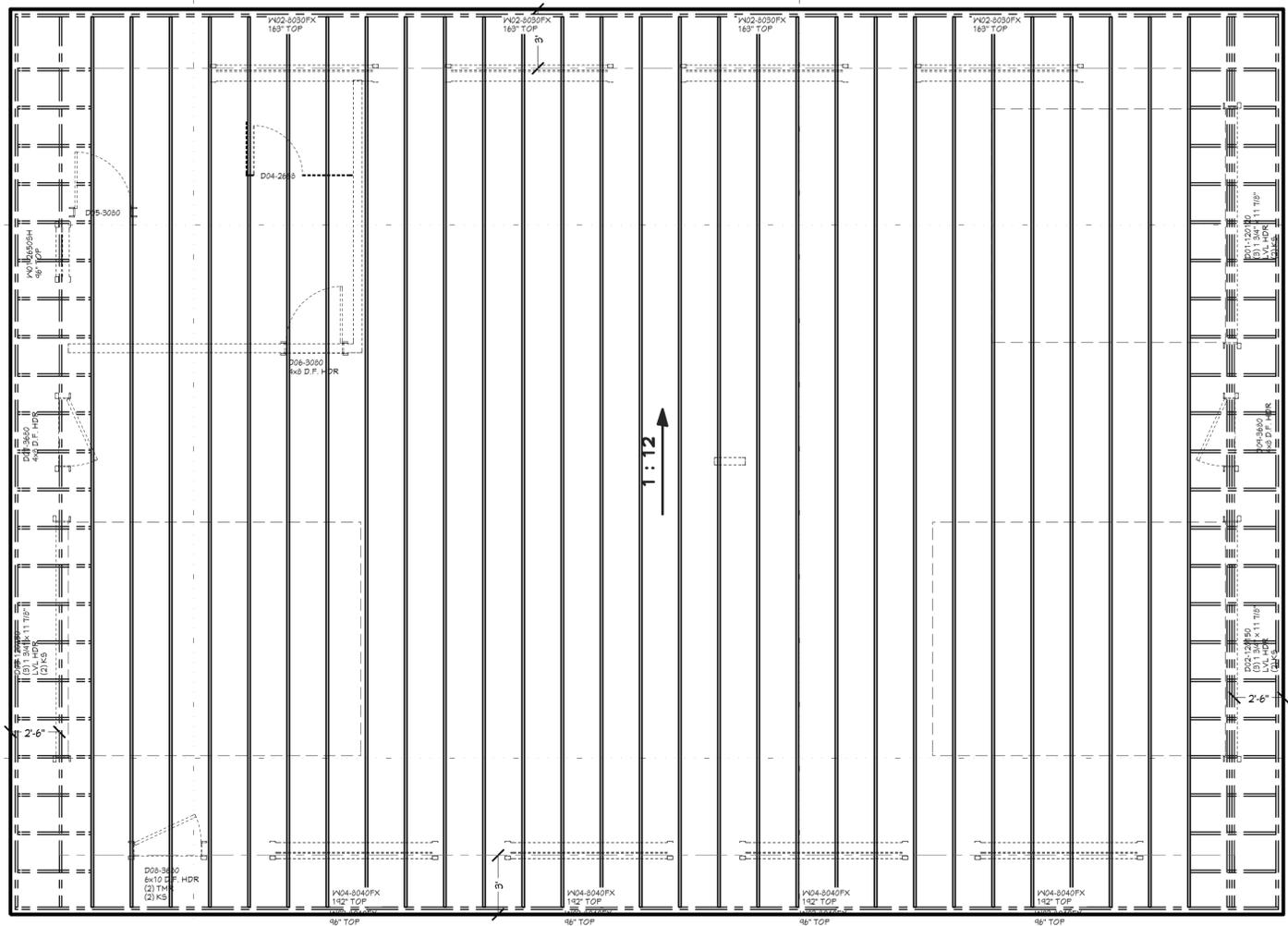
SHEET NUMBER  
A8  
PAGE 8 OF 13



ROOF OVERVIEW - REAR



ROOF OVERVIEW - FRONT



ROOF LAYOUT - OVERVIEW  
1/4 IN = 1 FT

|   |                  |
|---|------------------|
| * ALL BEARING TO HAVE SOLID BEARING TO FOUNDATION |                  |
| BEARING SCHEDULE                                  |                  |
| NO.   | BEARING AREA (X) |

|               |     |     |       |
|---------------|-----|-----|-------|
| POST SCHEDULE |     |     |       |
| NO.           | QTY | FLK | NOTES |

|  |     |        |       |
|--|-----|--------|-------|
| BEAM SCHEDULE  |     |        |       |
| NO.  | FLK | PLY(S) | NOTES |
| CTR. LG. W.   MIN BRG   T.O. BEAM   B.O. BEAM   CALC # |     |        |       |

|                 |                         |
|-----------------|-------------------------|
| HEADER SCHEDULE |                         |
| NO.             | TYPE                    |
| H01             | EVALUATION ERROR        |
| H02             | (1) 4X8 D.F.            |
| H03             | (1) 6X10 D.F.           |
| H04             | (2) 1 3/4 X 11 1/4 D.F. |

**ROOF FRAMING NOTES:**  
ALL EAVE OVERHANGS 36" UNO  
ALL GABLE OVERHANGS 30" UNO

**ROOF MATERIALS**

|               |              |
|---------------|--------------|
| METAL ROOFING | 3000 Sq. Ft. |
| O5B           | 93 Ea.       |
| GABLE FASCIA  | 93 Ft.       |
| EAVE FASCIA   | 130 Ft.      |
| DRIP EDGE     | 223 Ft.      |

|             |                          |
|-------------|--------------------------|
| SHEET INDEX |                          |
| PAGE        | TITLE                    |
| A1          | COVER SHEET              |
| A2          | SITE PLAN                |
| A3          | FLOOR PLAN - 1ST LEVEL   |
| A4          | FOUNDATION               |
| A5          | WALL BRACING - 1ST LEVEL |
| A6          | FLOOR FRAMING            |
| A7          | ROOF LAYOUT - 1ST LEVEL  |
| A8          | ROOF OVERVIEW            |
| A9          | ELEVATIONS               |
| A10         | ELEVATIONS               |
| A11         | SECTION VIEWS            |
| A12         | SECTION VIEWS            |
| E1          | ELECTRICAL - 1ST LEVEL   |



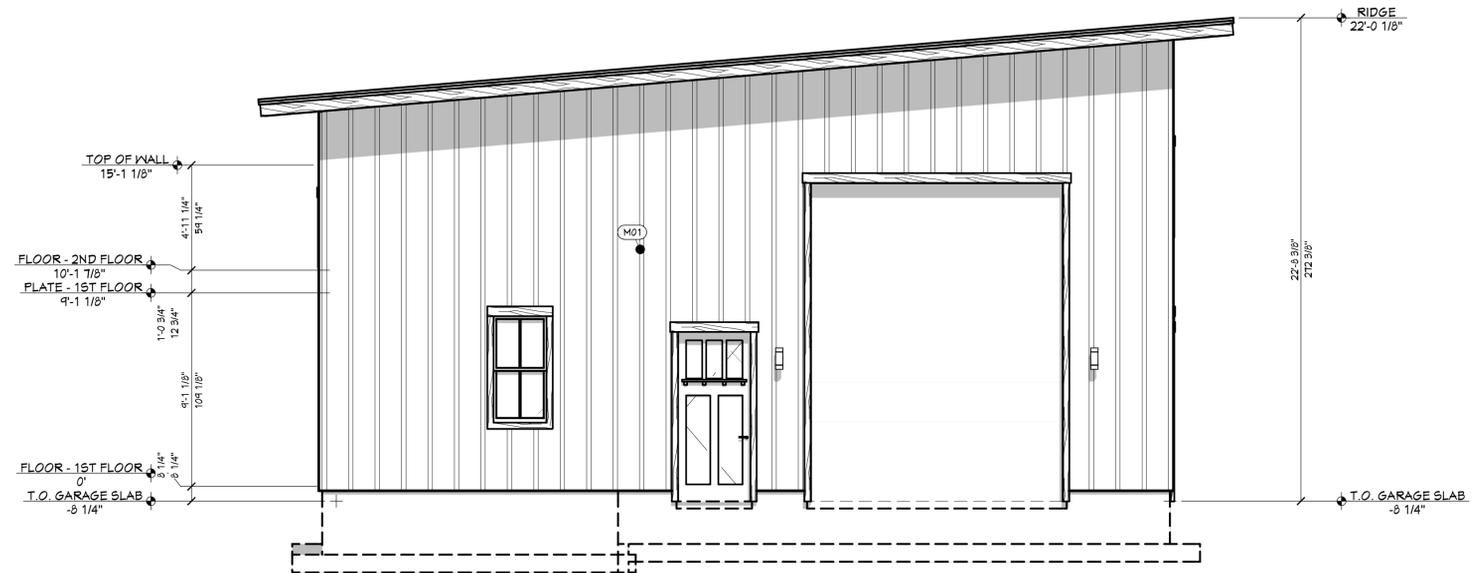
SCAN FOR CURRENT PLAN

PROJECT NO.  
25-011



FT FRONT ELEVATION - EAST  
1/4 IN = 1 FT

| CALLOUT | DESCRIPTION  | EXTERIOR MATERIALS |
|---------|--|--------------------|
| (M01)   | BOARD & BATTEN SIDING - RUSTICSERIES LP WINCHESTER BROWN |                    |
| (M02)   | STANDING SEAM METAL ROOFING                              |                    |



LT LEFT ELEVATION - SOUTH  
1/4 IN = 1 FT

| PAGE | TITLE                    | SHEET INDEX |
|------|--------------------------|-------------|
| A1   | COVER SHEET              |             |
| A2   | SITE PLAN                |             |
| A3   | FLOOR PLAN - 1ST LEVEL   |             |
| A4   | FOUNDATION               |             |
| A5   | WALL BRACING - 1ST LEVEL |             |
| A6   | FLOOR FRAMING            |             |
| A7   | ROOF LAYOUT - 1ST LEVEL  |             |
| A8   | ROOF OVERVIEW            |             |
| A9   | ELEVATIONS               |             |
| A10  | ELEVATIONS               |             |
| A11  | SECTION VIEWS            |             |
| A12  | SECTION VIEWS            |             |
| E1   | ELECTRICAL - 1ST LEVEL   |             |

40' x 60' SHOP FOR BALLARD  
ADAMS COU., ID



CONTRACTOR TO VERIFY ALL DETAILS, DIMENSIONS, AND SPECIFICATIONS PRIOR TO CONSTRUCTION. AND REPORT ANY OMISSIONS AND/OR ERRORS TO SMC DESIGN. THE PURCHASER OR BUILDER OF THIS PLAN RELEASES SMC DESIGN FROM ANY CLAIMS, LITIGATIONS OR SUITS THAT MAY ARISE DURING CONSTRUCTION OR ANYTIME THEREAFTER.

SHEET SIZE  
24" x 36"

INITIAL DATE: 4/15/2025  
PRINT DATE: 2/14/2026

DRAWN BY: Steve

ELEVATIONS

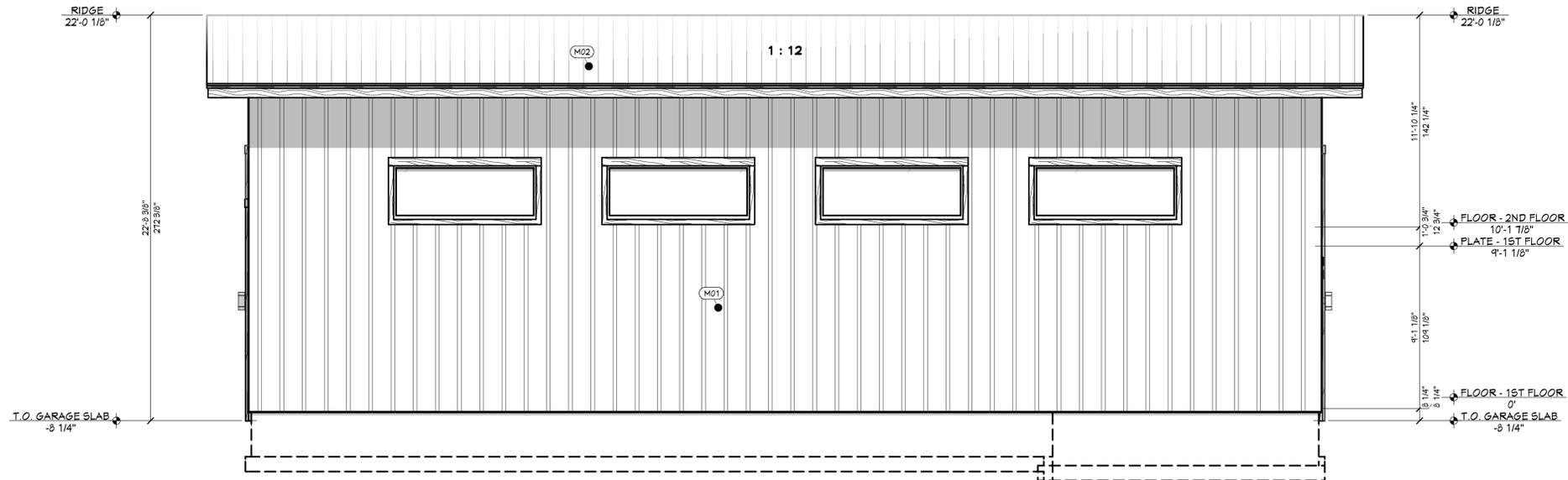
SMC Design  
SMC Design  
208.249.7288  
Nampa, ID

SHEET NUMBER  
A9  
PAGE 9 OF 13



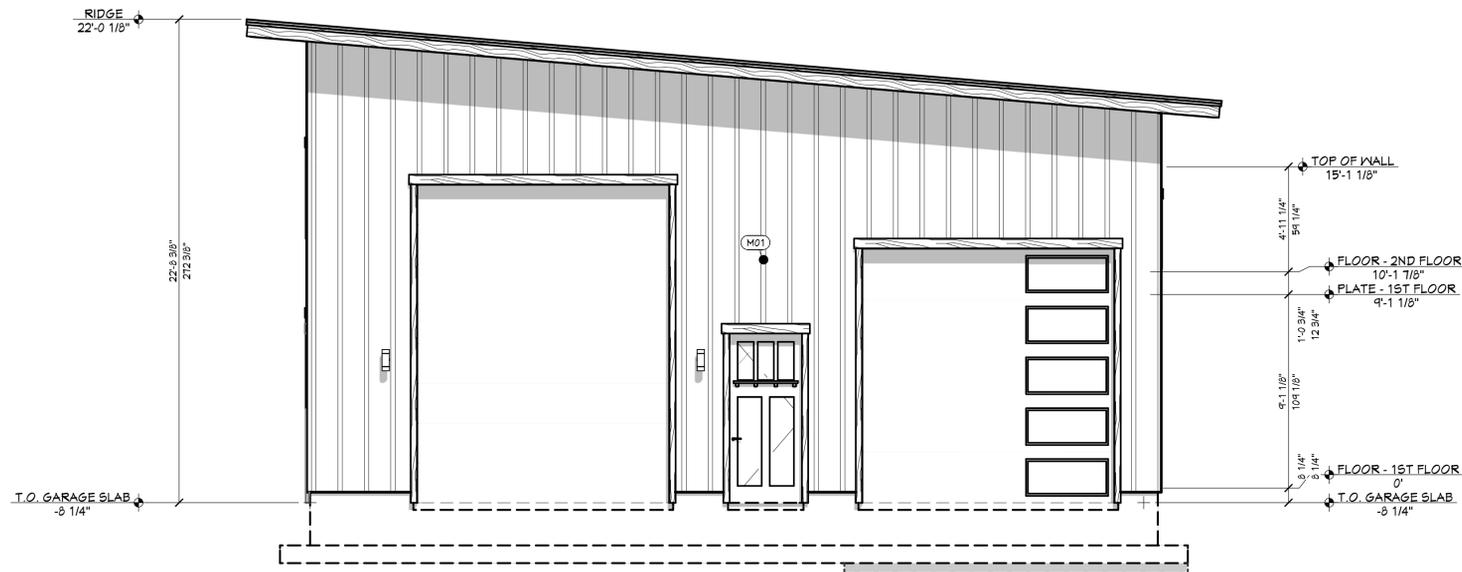
SCAN FOR CURRENT PLAN

PROJECT NO.  
25-011



RE REAR ELEVATION - WEST  
1/4 IN = 1 FT

| CALLOUT | DESCRIPTION  | EXTERIOR MATERIALS |
|---------|--|--------------------|
| (M01)   | BOARD & BATTEN SIDING - RUSTICSERIES LP WINCHESTER BROWN |                    |
| (M02)   | STANDING SEAM METAL ROOFING                              |                    |



RT RIGHT ELEVATION - NORTH  
1/4 IN = 1 FT

40' x 60' SHOP FOR BALLARD  
ADAMS COU., ID



CONTRACTOR TO VERIFY ALL DETAILS, DIMENSIONS, AND SPECIFICATIONS PRIOR TO CONSTRUCTION. AND REPORT ANY OMISSIONS AND/OR ERRORS TO SMC DESIGN. THE PURCHASER OR BUILDER OF THIS PLAN RELEASES SMC DESIGN FROM ANY CLAIMS, LITIGATIONS OR SUITS THAT MAY ARISE DURING CONSTRUCTION OR ANYTIME THEREAFTER.

SHEET SIZE  
24" x 36"

INITIAL DATE: 4/15/2025  
PRINT DATE: 2/14/2026

DRAWN BY:  
Steve

ELEVATIONS

| PAGE | TITLE                    | SHEET INDEX |
|------|--------------------------|-------------|
| A1   | COVER SHEET              |             |
| A2   | SITE PLAN                |             |
| A3   | FLOOR PLAN - 1ST LEVEL   |             |
| A4   | FOUNDATION               |             |
| A5   | WALL BRACING - 1ST LEVEL |             |
| A6   | FLOOR FRAMING            |             |
| A7   | ROOF LAYOUT - 1ST LEVEL  |             |
| A8   | ROOF OVERVIEW            |             |
| A9   | ELEVATIONS               |             |
| A10  | ELEVATIONS               |             |
| A11  | SECTION VIEWS            |             |
| A12  | SECTION VIEWS            |             |
| E1   | ELECTRICAL - 1ST LEVEL   |             |

SMC Design  
SMC Design  
208.249.7288  
Nampa, ID

SHEET NUMBER  
A10  
PAGE 10 OF 13

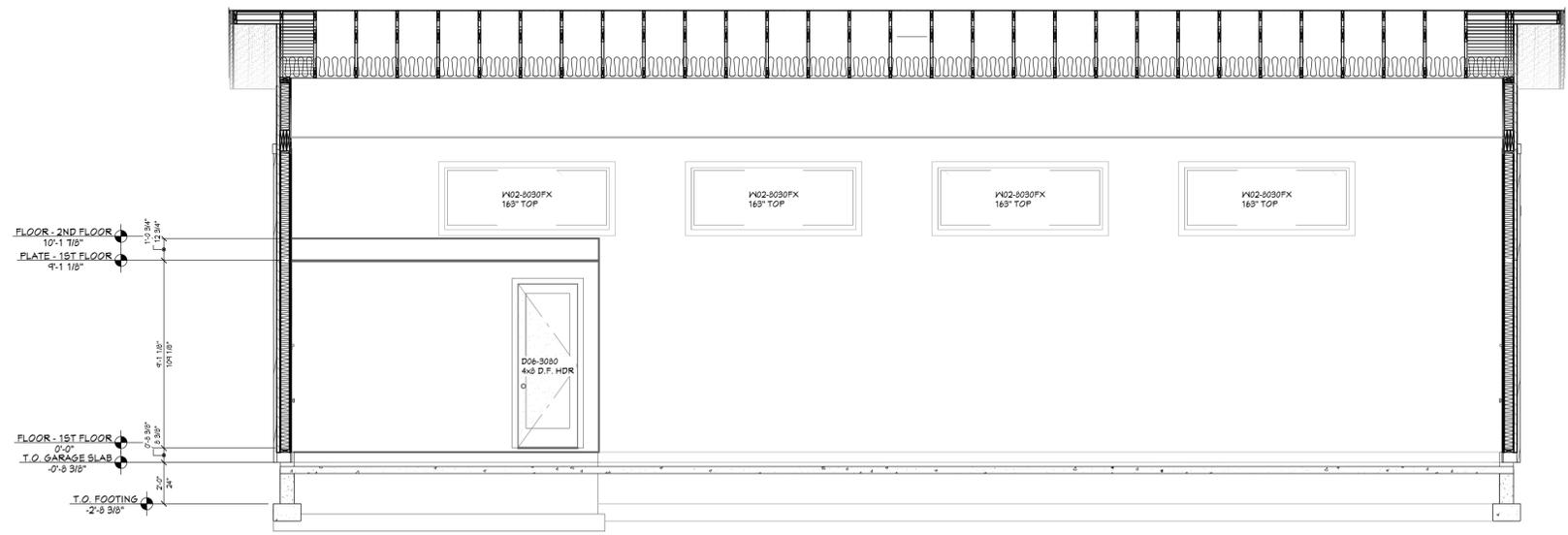


SCAN FOR CURRENT PLAN

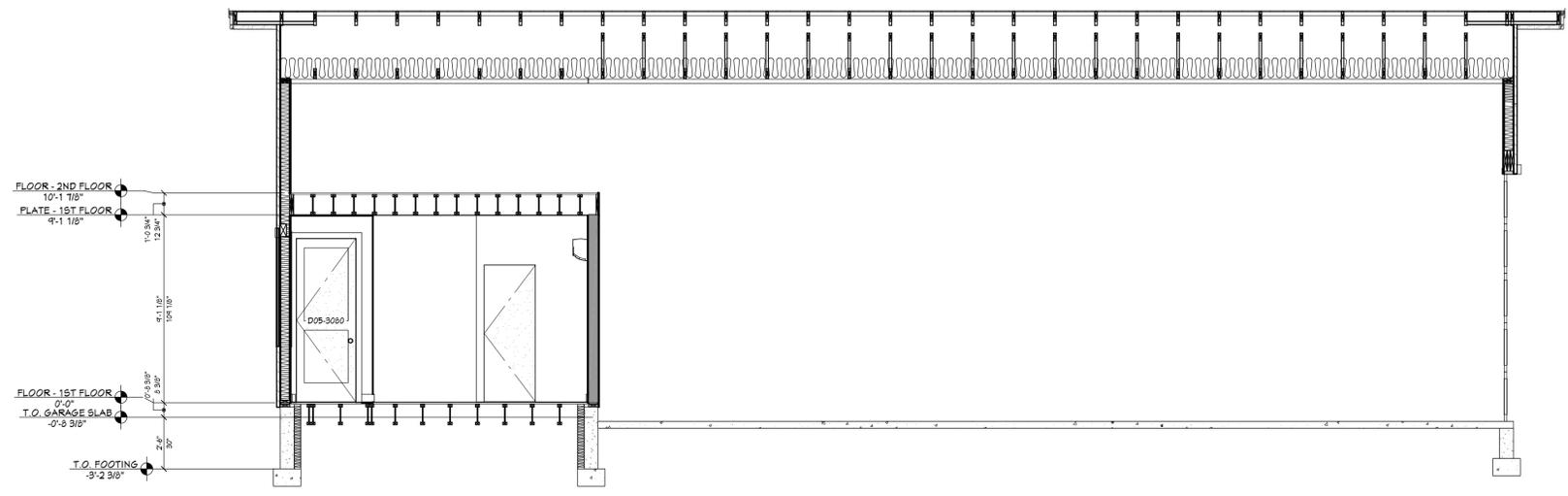


SCAN FOR ENGINEERED CALCS

ENGINEER STAMP AREA



**A** VIEW A - A  
1/4 IN = 1 FT



**B** VIEW B - B  
1/4 IN = 1 FT

| NO. |  | FLR | PLY(S) | NOTES | BEAM SCHEDULE |  |
|-----|--|-----|--------|-------|---------------|--|
|     |  |     |        |       | CTR LG #1     | MIN BRG   T.O. BEAM   B.O. BEAM   CALC # |

| NO. |  | QTY | FLR | NOTES |
|-----|--|-----|-----|-------|
|     |  |     |     |       |

| PAGE | TITLE                    |
|------|--------------------------|
| A1   | COVER SHEET              |
| A2   | SITE PLAN                |
| A3   | FLOOR PLAN - 1ST LEVEL   |
| A4   | FOUNDATION               |
| A5   | WALL BRACING - 1ST LEVEL |
| A6   | FLOOR FRAMING            |
| A7   | ROOF LAYOUT - 1ST LEVEL  |
| A8   | ROOF OVERVIEW            |
| A9   | ELEVATIONS               |
| A10  | ELEVATIONS               |
| A11  | SECTION VIEWS            |
| A12  | SECTION VIEWS            |
| E1   | ELECTRICAL - 1ST LEVEL   |

**40' x 60' SHOP FOR BALLARD  
ADAMS COU., ID**

SHEET SIZE  
24" x 36"

INITIAL DATE: 4/15/2025  
PRINT DATE: 2/14/2026

DRAWN BY: Steve

**SECTION VIEWS**

**SMC Design**  
SMC Design  
208.249.7288  
Nampa, ID

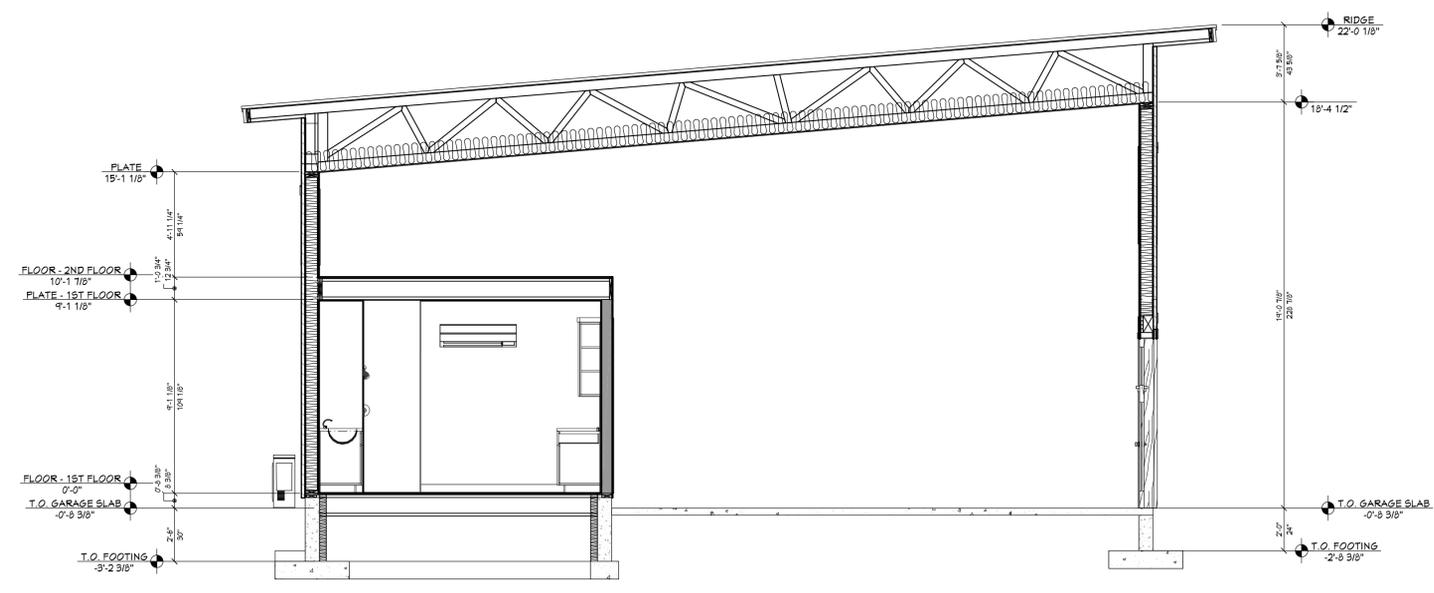
CONTRACTOR TO VERIFY ALL DETAILS, DIMENSIONS, AND SPECIFICATIONS PRIOR TO CONSTRUCTION. AND REPORT ANY OMISSIONS AND/OR ERRORS TO SMC DESIGN. THE PURCHASER OR BUILDER OF THIS PLAN RELEASES SMC DESIGN FROM ANY CLAIMS, LITIGATIONS OR SUITS THAT MAY ARISE DURING CONSTRUCTION OR ANYTIME THEREAFTER.



SCAN FOR  
CURRENT PLAN

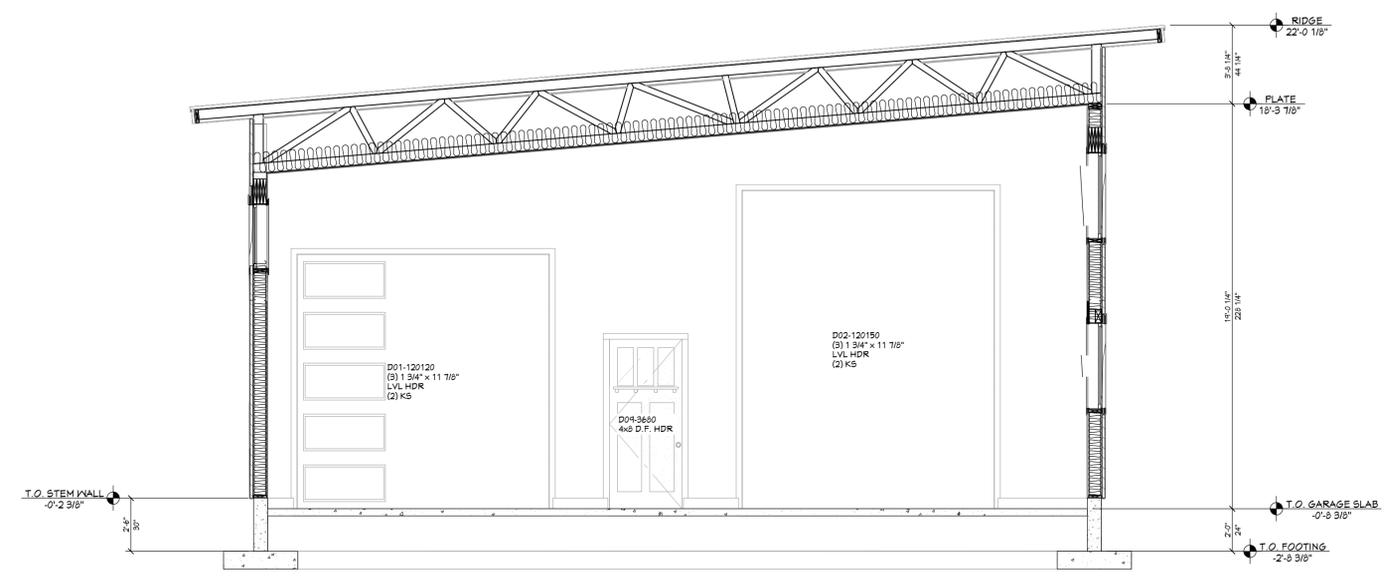


SCAN FOR  
ENGINEERED CALCS



C VIEW C - C  
1/4 IN = 1 FT

| BEAM SCHEDULE |  |
|---------------|--|
| NO.           | FLR   PLY(S)   NOTES                               |
|               | CTR LG +/ MIN BRG   T.O. BEAM   B.O. BEAM   CALC # |



D VIEW D - D  
1/4 IN = 1 FT

| POST SCHEDULE |                   |
|---------------|-------------------|
| NO.           | QTY   FLR   NOTES |

40' x 60' SHOP FOR BALLARD  
ADAMS CO., ID



CONTRACTOR TO VERIFY ALL DETAILS, DIMENSIONS, AND SPECIFICATIONS PRIOR TO CONSTRUCTION. AND REPORT ANY OMISSIONS AND/OR ERRORS TO SMC DESIGN. THE PURCHASER OR BUILDER OF THIS PLAN RELEASES SMC DESIGN FROM ANY CLAIMS, LITIGATIONS OR SUITS THAT MAY ARISE DURING CONSTRUCTION OR ANYTIME THEREAFTER.

DRAWN BY: Steve  
INITIAL DATE: 4/15/2025  
PRINT DATE: 2/14/2026  
SHEET SIZE: 24" x 36"

SECTION VIEWS

SMC Design  
SMC Design  
208.249.7288  
Nampa, ID

SHEET NUMBER  
A12  
PAGE 12 OF 13



SCAN FOR CURRENT PLAN

PROJECT NO.  
25-011

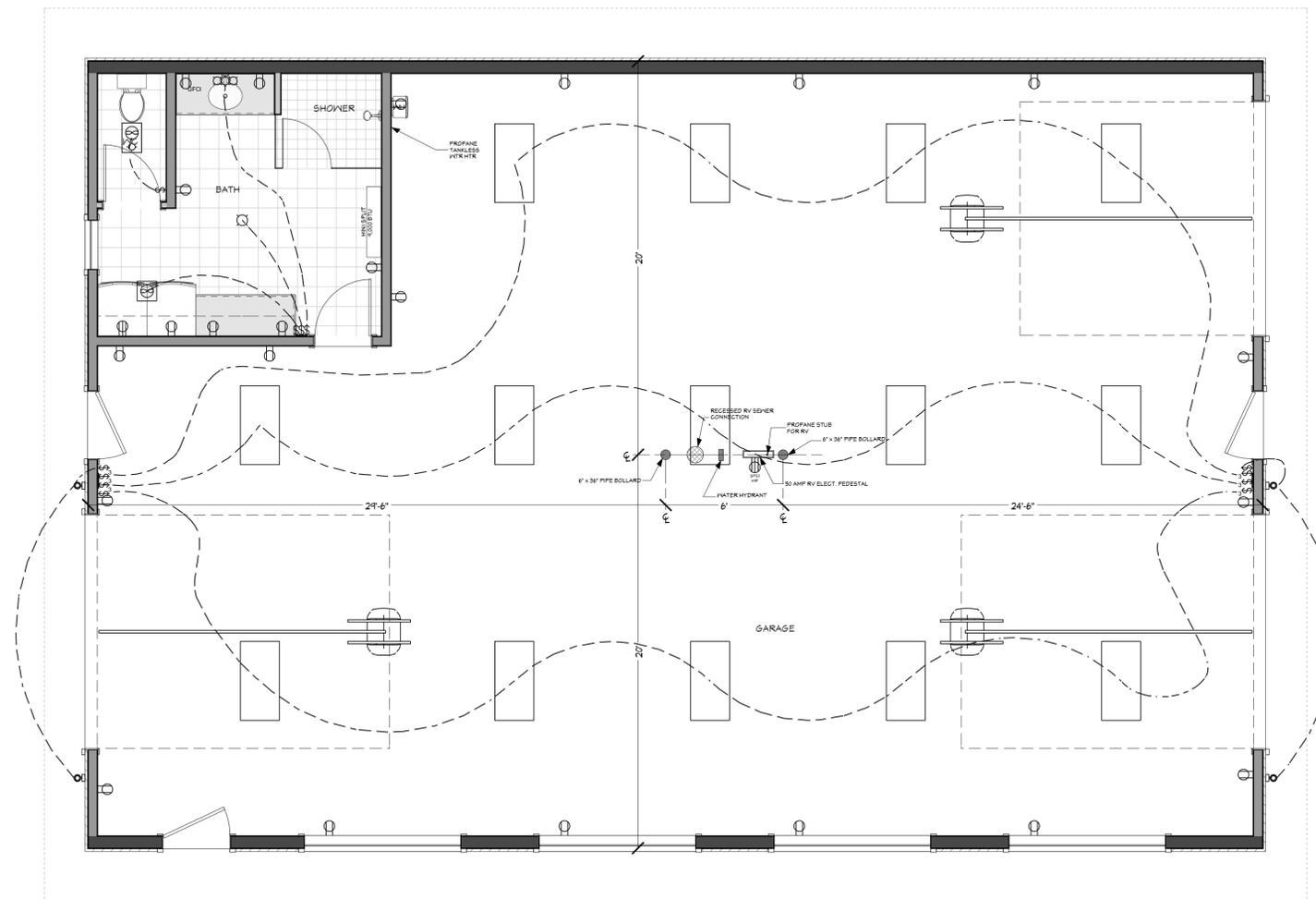
2018 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)

THE PROPOSED BUILDING HAS BEEN DESIGNED TO MEET OR EXCEED THE REQUIREMENTS OF THE INTERNATIONAL ENERGY CONSERVATION CODE

TABLE N1102.1.1 (REQD 1.2)

| INSULATION AND PENETRATION REQUIREMENTS BY COMPONENT |                 |                 |                       |               |                        |                          |
|--|-----------------|-----------------|-----------------------|---------------|------------------------|--------------------------|
| CLIMATE ZONE   | WINDOW U-FACTOR | CEILING R-VALUE | FLOOR/CEILING R-VALUE | FLOOR R-VALUE | GLAZED BALCONY R-VALUE | CRACK/SPACE/FILL R-VALUE |
| 4  | 0.31            | 48              | 5 R-10                | 20            | 10, 4 FT               | 15/16                    |

| ELECTRICAL SCHEDULE |     | 2D SYM | FLOOR | DESCRIPTION                                |
|---------------------|-----|--------|-------|--|
| E01                 | 1   |        | 1     | 220V                                       |
| E02                 | 1   |        | 1     | 220V GFCI WEATHERPROOF RECEPTACLE          |
| E03                 | 1   |        | 1     | BRYANT SCONCE 3                            |
| E04                 | 1   |        | 1     | DECORATOR GFCI OUTLET                      |
| E05                 | 22  |        | 1     | DECORATOR OUTLET                           |
| E06                 | 6   |        | 1     | DECORATOR SWITCH                           |
| E07                 | 6   |        | 1     | DECORATOR SWITCH 3-WAY                     |
| E08                 | 1   |        | 1     | EXHAUST                                    |
| E09                 | 1   |        | 1     | EXHAUST (LIGHT)                            |
| E10                 | 1   |        | 1     | FLUSH MOUNT CEILING LIGHT                  |
| E11                 | 4   |        | 1     | SCOPE SCONCE                               |
| E12                 | 1/4 |        | 2     | SURFACE MOUNTED TUBE LIGHT - MEDIUM 4 WIDE |



ELECTRICAL - 1ST LEVEL  
1/4 IN = 1 FT

40' x 60' SHOP FOR BALLARD  
ADAMS COU., ID

SHEET SIZE  
24" x 36"

INITIAL DATE: 4/15/2025  
PRINT DATE: 2/14/2026

DRAWN BY:  
Steve

ELECTRICAL - 1ST LEVEL

| PAGE | TITLE                    |
|------|--------------------------|
| A1   | COVER SHEET              |
| A2   | SITE PLAN                |
| A3   | FLOOR PLAN - 1ST LEVEL   |
| A4   | FOUNDATION               |
| A5   | WALL BRACING - 1ST LEVEL |
| A6   | FLOOR FRAMING            |
| A7   | ROOF LAYOUT - 1ST LEVEL  |
| A8   | ROOF OVERVIEW            |
| A9   | ELEVATIONS               |
| A10  | ELEVATIONS               |
| A11  | SECTION VIEWS            |
| A12  | SECTION VIEWS            |
| E1   | ELECTRICAL - 1ST LEVEL   |

SMC Design  
SMC Design  
208.249.7288  
Nampa, ID

SHEET NUMBER  
**E1**  
PAGE 13 OF 13

CONTRACTOR TO VERIFY ALL DETAILS, DIMENSIONS, AND SPECIFICATIONS PRIOR TO CONSTRUCTION. ANY OMISSIONS AND/OR ERRORS TO SMC DESIGN. THE PURCHASER OR BUILDER OF THIS PLAN RELEASES SMC DESIGN FROM ANY CLAIMS, LITIGATIONS OR SUITS THAT MAY ARISE DURING CONSTRUCTION OR ANYTIME THEREAFTER.