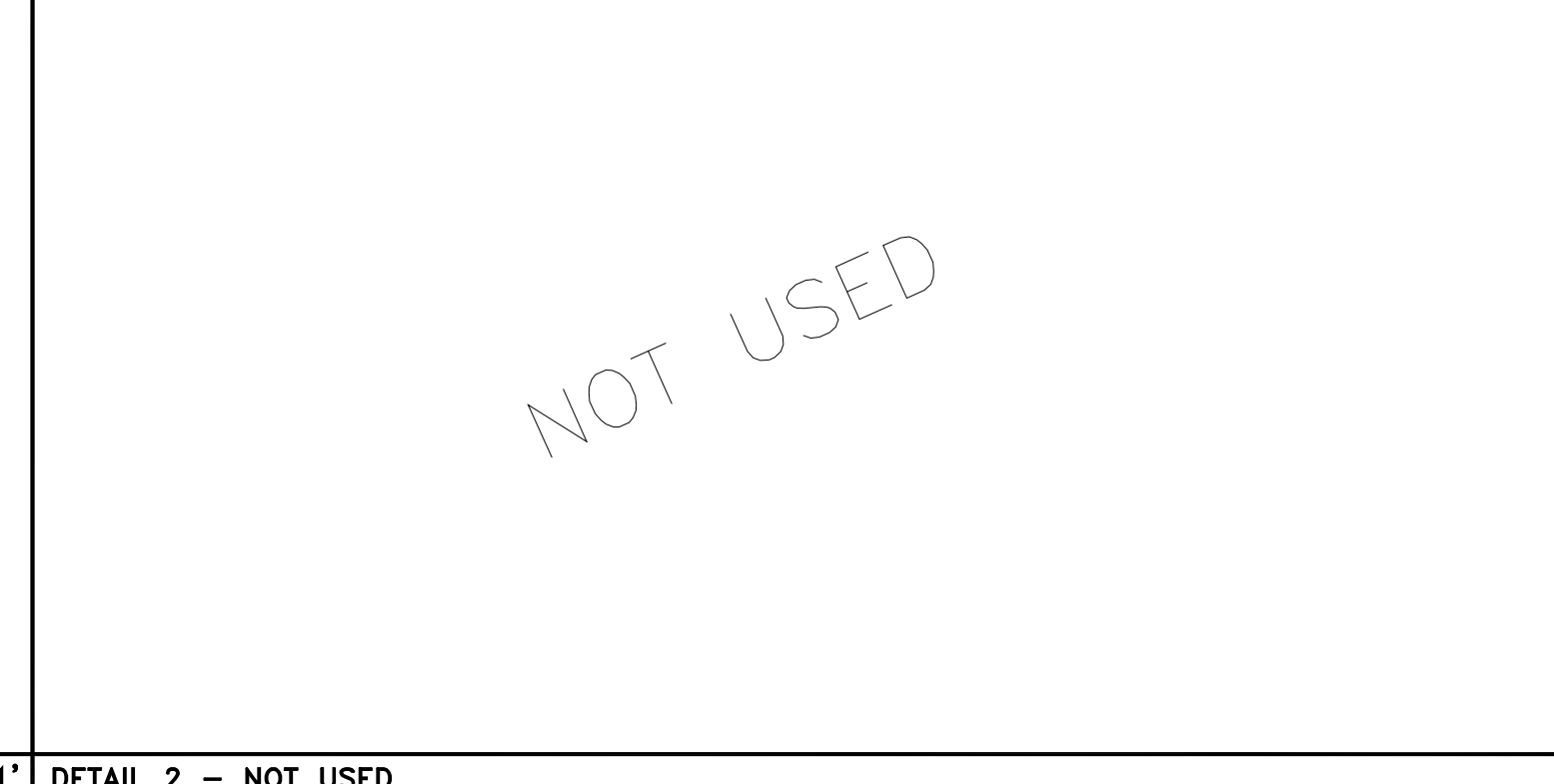


DETAIL 1 - TYP FOOTING SCALE: 1"=1'



DETAIL 2 - NOT USED

FOUNDATION PLAN SCALE: 1/8"=1'

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE 2018 IBC AND ALL CURRENT EDITION OF STATE AND LOCAL RULES AND STANDARDS OF GOVERNING AGENCIES HAVING JURISDICTION.

2. ANY ERRORS, AMBIGUITIES, AND OMISSION IN DRAWINGS AND/OR SPECIFICATIONS SHALL BE REPORTED TO BERKEY ENGINEERING FOR CORRECTION BEFORE ANY PART OF THE WORK IS STARTED. NO ALLOWANCE WILL BE MADE IN THE OWNER'S AND/OR CONTRACTOR'S FAVOR BY VIRTUE OF ERRORS, AMBIGUITIES, AND/OR OMISSIONS WHICH SHOULD HAVE BEEN DISCOVERED DURING THE PREPARATION FOR CONSTRUCTION AND DIRECTED TO BERKEY ENGINEERING'S ATTENTION IN A TIMELY MANNER. IT IS THE OWNER'S ULTIMATE RESPONSIBILITY TO HOLD THE CONTRACTOR AND/OR SUBCONTRACTORS ACCOUNTABLE THROUGH CONTRACT. BERKEY ENGINEERING ACCEPTS NO RESPONSIBILITY FOR WORK DONE BY THE OWNER, THE CONTRACTOR OR SUBCONTRACTORS CONTRARY TO THE PLANS OR SPECIFICATIONS. SUBSTITUTION OR CHANGES WILL NOT BE ACCEPTED UNLESS APPROVED IN WRITING. THE SUBCONTRACTOR SHALL REVIEW ALL SECTIONS OF SPECIFICATIONS AND ALL SHEETS OF THE PLANS FOR ANY INFORMATION OR DETAILS PERTAINING TO THEIR SPECIFIC TRADE.

3. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF SITE CONDITIONS, INSTALLATION STANDARDS AND CONSTRUCTION CONDITIONS. FIELD VERIFY ALL NECESSARY DIMENSIONS, DISCREPANCIES BETWEEN SITE CONDITIONS AND THE CONSTRUCTION DRAWINGS SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER BEFORE ANY PART OF THE WORK IS STARTED. WORK DONE WITHOUT THE ENGINEER'S APPROVAL IS THE RESPONSIBILITY OF THE CONTRACTOR/SUBCONTRACTOR.

4. ALL FRAMING MATERIAL SHALL BE DOUGLAS FIR NO. 2 OR BETTER. HEM FIR NO. 1 MAY BE SUBSTITUTED AS AN ALTERNATIVE. WOOD IN CONTACT WITH EARTH AND/OR CONCRETE SHALL BE PRESSURE TREATED, 0.6 RETENTION. NAILING EDGE DISTANCES, END DISTANCES, AND SPACING SHALL BE SUFFICIENT TO PREVENT SPLITTING OF THE WOOD IN ACCORDANCE WITH NDS 11.1.5.6.

5. CONCRETE DESIGN BASED ON A COMPRESSIVE STRENGTH OF 2500 PSI AND NO SPECIAL INSPECTION REQUIRED. RECOMMENDED CONCRETE STRENGTH IS 4000 PSI FOR DURABILITY ONLY. CONCRETE USED FOR POST FOOTING PADS SHALL BE REINFORCED WITH 1.5 POUNDS PER YARD OF AGGRESSIVE FIBER.

6. ROOF SHEATHING SHALL BE 5/8" CDX NAILED TO FRAMING WITH 8d NAILS AT 4" C/C BOUNDARY AND 8" C/C FIELD.

7. SIDE SHEATHING SHALL BE 7/16" OSB NAILED TO FRAMING WITH 8d NAILS AT 4" C/C BOUNDARY AND 8" C/C FIELD.

8. SW-1 SHEATHING SHALL BE 7/16" OSB NAILED TO FRAMING WITH 8d NAILS AT 3" C/C BOUNDARY AND 6" C/C FIELD. ALL BOUNDARIES SHALL BE FULLY BLOCKED.

9. (4) 16d HD GALV. NAILS (3.5" LONG) MAY BE SUBSTITUTED FOR (3) 20d.

10. ALL MAN DOORS SHALL BE EQUIPPED WITH PANIC HARDWARE.

11. SPECIAL INSPECTION REQUIRED: ENGINEER OF RECORD SHALL INSPECT AND APPROVE LATERAL RESISTANCE SYSTEM PRIOR TO FRAMING INSPECTION. CONTRACTOR/OWNER SHALL NOT COVER FRAMING WITHOUT WRITTEN APPROVAL FROM ENGINEER OF RECORD.

12. DESIGN LOADS:
 CEILING LOAD: 7 PSF
 SNOW LOAD: 39 PSF
 WIND SPEED: 110 MPH EXP C
 SEISMIC ZONE: D1
 SOIL BEARING: 2500 PSF
 ROOF SOLAR: 5 PSF

ADDITIONAL NOTES
 ALL STEEL TUBES SHALL CONFORM TO ASTM A500, GRADE B. ALL OTHER STEEL SHALL CONFORM TO ASTM A36.
 ALL BOLTS AND ANCHOR BOLTS SHALL CONFORM TO ASTM A36 OR A307.
 BOLT HOLES SHALL BE BOLT DIAMETER + 1/16". BOLT END AND EDGE DISTANCES SHALL BE PER AISC UNLESS OTHERWISE NOTED.
 ALL WELDING SHALL BE DONE BY AWS CERTIFIED WELDERS AND SHALL CONFORM TO AWS D 1.1. ELECTRODES SHALL BE E70 MINIMUM.
 EXPOSED ENDS OF TUBE STEEL MEMBERS SHALL HAVE CAP PLATES AND SEAL WELDS ALL ROUND.
 ALL SUB-GRADE STEEL EMBEDDED IN CONCRETE SHALL BE COATED WITH (2) COATS OF AMERLOCK 400 EPOXY PAINT OR APPROVED EQUAL (UP A MINIMUM OF 12" ABOVE FINISH CONCRETE). WET MIL THICKNESS SHALL BE A MINIMUM OF 7 MILS EACH COAT. TEMPERATURE AT APPLICATION SHALL BE A MINIMUM OF 50° F, TEMPERATURE TO BE MAINTAINED FOR A MINIMUM OF 12 HOURS AFTER APPLICATION. RELATIVE HUMIDITY SHALL NOT EXCEED 60% DURING APPLICATION OF EPOXY. MINIMUM RE-COAT TIME SHALL BE 30 HOURS AT 50° F, 24 HOURS AT 70° F, AND 8 HOURS AT 90° F. RE-COAT TIME SHALL NOT EXCEED THREE MONTHS. NO THINNER SHALL BE USED WITHOUT WRITTEN APPROVAL FROM THE ENGINEER OF RECORD.

LEGEND
 C/C = CENTER TO CENTER
 DBL = DOUBLE
 GALV = GALVANIZED
 HD = HOT DIPPED
 MIN = MINIMUM
 PT = PRESSURE TREATED
 SCSJ = SAW CUT JOINT
 SW = SHEAR WALL
 TYP = TYPICAL

NOT USED

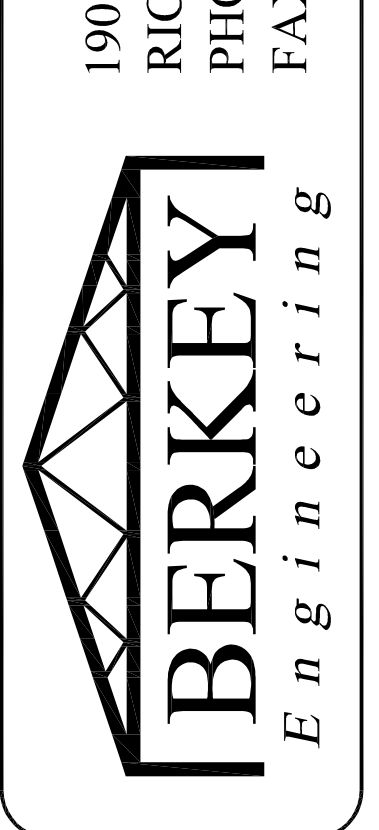
Reviewed for building code compliance
 City of Ellensburg
 Chuck Doan
 9/22/2023



STRUCTURAL NOTES
 FOUNDATION PLAN
 AND MISC. DETAILS

SOLAR DOLAR
 60'x182'x18' & 20' POLE BUILDING
 1500 DOLARWAY ROAD, BLDG #10
 ELLENSBURG, WA
 CITY OF ELLENSBURG

190 OAKLAND STREET
 RICHLAND, WA 99352
 PHONE: (509) 736-7552
 FAX: (509) 736-7557



DRAWN BY: TPF
 APPROVED BY: CWB
 DATE: 04/26/2023
 SCALE: AS NOTED

PROJECT REV
 17633 0

SHEET No. S1

