IECC CODE ADOPTION OPTIONS

This document is provided to assist with upcoming changes to the International Energy Conservation Code requirements being implemented June 30, 2026 and the options available. The current amendments in Section RBC308 of the 2023 Pikes Peak Regional Building Code, 1st printing 6.30.23, will no longer be available on or after June 30, 2026.

The following options reference the following abbreviations:

CO MERSRC - Colorado Model Electric Ready Solar Ready Code

CO MLECC - Colorado Model Low Energy Carbon Code

Link to Colorado Energy Office website

OPTION 1 - 2021 IECC and CO MERSRC:

Minimum standard allowed, effective on June 30, 2026. Site plans must show orientation from north of solar ready zones. Square footage of solar ready zones must be specified. Electric ready features and electric vehicle ready spaces (if applicable) must be shown on plans.

OPTION 2 - 2024 IECC and CO MERSRC:

Requires the submission of an Alternate Materials and Method Application (link) to utilize the 2024 version of the IECC. Site plans must show orientation from north of solar ready zones. Square footage of solar ready zones must be specified. Electric ready features and electric vehicle ready spaces (if applicable) must be shown on plans.

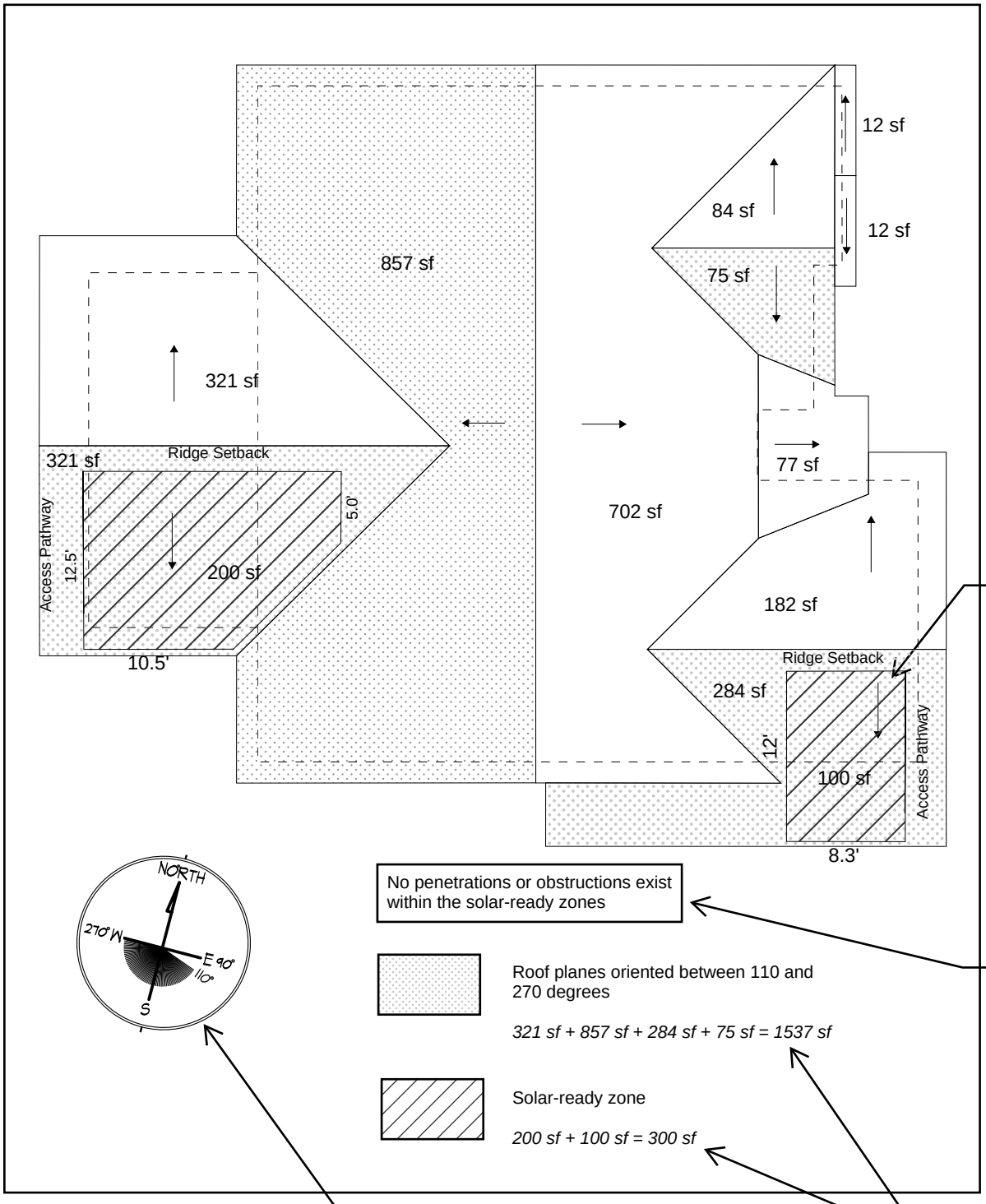
OPTION 3 - 2024 CO MLECC:

Requires the submission of an Alternate Materials and Method Application (link) to utilize the CO MLECC code which incorporates the 2024 IECC and CO MERSRC codes. Site plans must show orientation from north of solar ready zones. Square footage of solar ready zones must be specified. Electric ready features and electric vehicle ready spaces (if applicable) must be shown on plans.

NOTE FOR MASTER PLANS: All master plans will require an energy update splice beginning June 30, 2026 to indicate which option will be utilized. The energy update splice will need to include all required documentation. Any site plans submitted after the adoption date without an energy update splice will be disapproved.

NOTE FOR PLANS SUBMITTED PRIOR TO JUNE 30, 2026: All plans submitted prior to June 30, 2026 will be allowed to continue review, permitting, and inspections based on the IECC version used at time of plan submittal. Any plans submitted on or after June 30,2026 must comply with the new energy code requirements for plan review, permitting, and inspections, including a roof plan showing solar-ready zones.

Roof Plan with Solar-Ready Zone Example



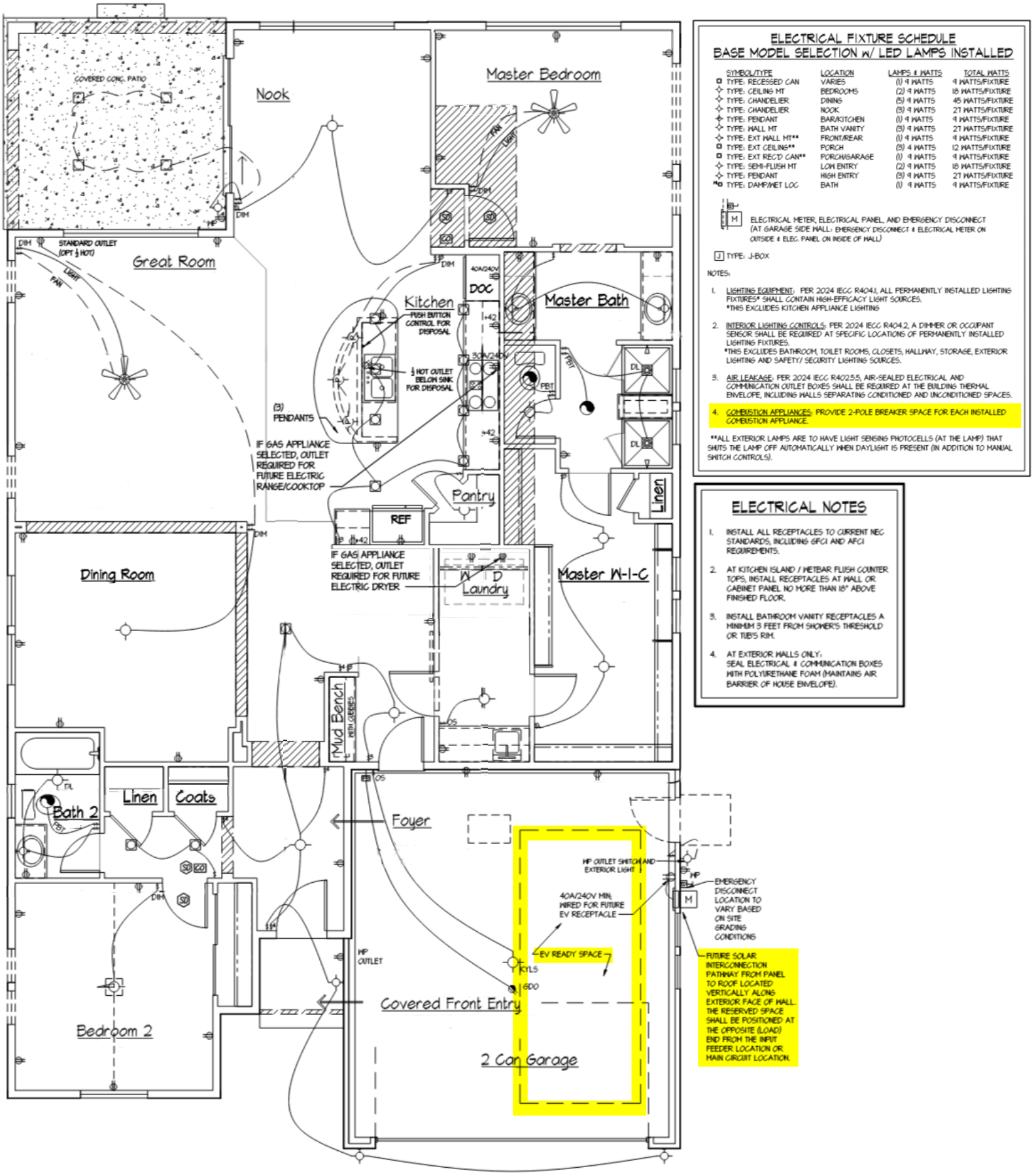
The solar-ready zone shall be composed of areas not less than 5 ft in width and not less than 80 sf.

Solar-ready zones shall be free from obstructions, including but not limited to vents, chimneys, and roof-mounted equipment.

Solar-ready zone area for each dwelling shall be not less than 300 sf exclusive of mandatory access or setback areas as required by the International Fire Code if the new building has not less than 600 sf of roof oriented between 110 degrees and 270 degrees of true north.

The orientation of the dwelling must be indicated in degrees from north to determine if the solar-ready zone area is required, applicable, and sized correctly. Roof plane orientation will be determined by direction of the roof slope.

Electric Ready Plan Example



ELECTRICAL FIXTURE SCHEDULE
BASE MODEL SELECTION w/ LED LAMPS INSTALLED

SYMBOL/TYPE	LOCATION	LAMPS & WATTS	TOTAL WATTS
TYPE: RECESSED CAN	VARIES	(1) 9 WATTS	9 WATTS/FIXTURE
TYPE: CEILING MT	BEDROOMS	(2) 9 WATTS	18 WATTS/FIXTURE
TYPE: CHANDELIER	DINING	(5) 9 WATTS	45 WATTS/FIXTURE
TYPE: CHANDELIER	NOOK	(3) 9 WATTS	27 WATTS/FIXTURE
TYPE: PENDANT	BAR/KITCHEN	(1) 9 WATTS	9 WATTS/FIXTURE
TYPE: WALL MT	BATH VANITY	(3) 9 WATTS	27 WATTS/FIXTURE
TYPE: EXT WALL MT**	FRONT/REAR	(1) 9 WATTS	9 WATTS/FIXTURE
TYPE: EXT CEILING**	PORCH	(3) 4 WATTS	12 WATTS/FIXTURE
TYPE: EXT REC'D CAN**	PORCH/GARAGE	(1) 9 WATTS	9 WATTS/FIXTURE
TYPE: SEMI-FLUSH MT	LOW ENTRY	(2) 9 WATTS	18 WATTS/FIXTURE
TYPE: PENDANT	HIGH ENTRY	(3) 9 WATTS	27 WATTS/FIXTURE
TYPE: DAMP/WET LOC	BATH	(1) 9 WATTS	9 WATTS/FIXTURE

M — ELECTRICAL METER, ELECTRICAL PANEL, AND EMERGENCY DISCONNECT (AT GARAGE SIDE WALL: EMERGENCY DISCONNECT & ELECTRICAL METER ON OUTSIDE & ELEC. PANEL ON INSIDE OF WALL)

J — TYPE: J-BOX

NOTES:

1. LIGHTING EQUIPMENT: PER 2024 IECC R404.1, ALL PERMANENTLY INSTALLED LIGHTING FIXTURES* SHALL CONTAIN HIGH-EFFICACY LIGHT SOURCES.
   *THIS EXCLUDES KITCHEN APPLIANCE LIGHTING
2. INTERIOR LIGHTING CONTROLS: PER 2024 IECC R404.2, A DIMMER OR OCCUPANT SENSOR SHALL BE REQUIRED AT SPECIFIC LOCATIONS OF PERMANENTLY INSTALLED LIGHTING FIXTURES.
   *THIS EXCLUDES BATHROOM, TOILET ROOMS, CLOSETS, HALLWAY, STORAGE, EXTERIOR LIGHTING AND SAFETY/ SECURITY LIGHTING SOURCES.
3. AIR LEAKAGE: PER 2024 IECC R402.5.5, AIR-SEALED ELECTRICAL AND COMMUNICATION OUTLET BOXES SHALL BE REQUIRED AT THE BUILDING THERMAL ENVELOPE, INCLUDING WALLS SEPARATING CONDITIONED AND UNCONDITIONED SPACES.
4. COMBUSTION APPLIANCES: PROVIDE 2-POLE BREAKER SPACE FOR EACH INSTALLED COMBUSTION APPLIANCE.

**ALL EXTERIOR LAMPS ARE TO HAVE LIGHT SENSING PHOTOCELLS (AT THE LAMP) THAT SHUTS THE LAMP OFF AUTOMATICALLY WHEN DAYLIGHT IS PRESENT (IN ADDITION TO MANUAL SWITCH CONTROLS).

ELECTRICAL NOTES

1. INSTALL ALL RECEPTACLES TO CURRENT NEC STANDARDS, INCLUDING GFCI AND AFCI REQUIREMENTS.
2. AT KITCHEN ISLAND / WETBAR FLUSH COUNTER TOPS, INSTALL RECEPTACLES AT WALL OR CABINET PANEL NO MORE THAN 18" ABOVE FINISHED FLOOR.
3. INSTALL BATHROOM VANITY RECEPTACLES A MINIMUM 3 FEET FROM SHOWER'S THRESHOLD OR TUB'S RIM.
4. AT EXTERIOR WALLS ONLY:
   SEAL ELECTRICAL & COMMUNICATION BOXES WITH POLYURETHANE FOAM (MAINTAINS AIR BARRIER OF HOUSE ENVELOPE).

Main Level Electrical Plan

scale: ¼"=1'-0"

09/16/26