INSPECTION REQUIREMENTS:
CONCRETE/PAVING ENTRIES AND EXITS

INSPECTION CODE: 204
SCOPE: RESIDENTIAL
APPLICABLE CODES: 2016 CBC, CRC, CPC, CMC, CEC, CALGreen, CEnC, and PAMC

The information provided in this document is general and intended as a guide only. Each project is unique and additional requirements may be enforced as deemed appropriate.

WARNING

☐ Failure to complete the items below prior to the City of Palo Alto (CPA) inspection will result in a re-inspection fee.

PRE-INSPECTION

☐ Concrete or paving landings, stairs, and locations where concrete or paving is against a building (i.e. porches and patios) shall have a raised foundation wall to protect against termite and water damage.
  ○ Exception: If the construction design requires level landings—for example when door swings to the outside or handicap access is required.
    ▪ If the exception applies, submit flashing detail/drawing to Inspection Supervisor, Bud Starmer, for approval and use Figures CPA 019, 023, or 024 as guidance.

☐ Aluminum flashing is NOT permitted. The code prohibits the use of aluminum in concrete. Aluminum reacts with concrete and, in the presence of chloride ions, may also react electrolytically with steel, causing cracking, spalling, or both. (ACI 318 R20.7.3)

☐ A CPA inspection is required prior to placement of all exterior concrete or paving against structures and a bottom exterior sheathing nailing inspection is required prior to flashing. Nails shall be hot dip galvanized.

INSPECTION

☐ Protection of wood and wood-based products from decay shall be provided for wood siding, sheathing, and wall framing on the exterior of a building having a clearance of less than 6” from the ground or less than 2” measured vertically from concrete steps, porch slabs, patio slabs and similar horizontal surfaces exposed to weather (see CPA Figure 019). (CRC R317.1 (5))

☐ The weep screed shall be placed a minimum of 4” above the earth or 2” above paved areas (see CPA Figure 019). (CBC 2512.1.2)
Wood framing members, including wood sheathing, that are in contact with exterior foundation walls and are less than 8” from exposed earth shall be of naturally durable or preservative-treated wood (see Figure CPA 019). (CBC 2304.12.1.2)

- See exception above when clearances cannot be met.

**Figure CPA 019** – Raised Foundation at New Construction

**Figure CPA 023** – Raised Foundation at New Construction – Alternative
Figure CPA 024—Raised Foundation at Existing Construction