



City of San Clemente Engineering Division

A Basic Guideline of When to Call for an Engineering Inspection

Basic Lot:

1. Notify engineering inspector of all grading operations and encroachment work prior to start.
2. When bottom of any over excavation is reached.
3. When grading is completed, prior to grade release (See “Rough Grade Release” section).

Retaining Walls:

1. When footing is excavated, after staking and soil memo is produced.
2. During and after placement of reinforcing steel.
3. Prior and during placement of concrete footing.
4. During lifts of CMUs (concrete masonry units) and placement of reinforcing steel.
5. Prior to placement of grout in cells of block.
6. Placement of waterproofing.
7. Placement of wall sub-drains.
8. Prior to and during back fill operations.

Area and Sub-Drains:

1. Trench excavation.
2. Following placement of approved pipe with established flow line.
3. During and post- back fill.

Grade Beams and/or Caissons:

1. After excavation.
2. Inspection of steel prior to placement including steel certifications and cage certifications.
3. During and post-placement of reinforcing steel.
4. Prior to and during placement of concrete.

Underground Utilities:

1. Trench excavation.
2. Prior to and during installation and connections.
3. During and post-back fill.

Roadways, Driveways and Sidewalks:

1. Prior to, during and after excavation and establishment to sub-grade.
2. Prior to, during and after placement of base material.
3. Prior to, during and after placement of concrete and/or asphalt.

Irrigation Systems and Landscape:

1. Prior to and after trenching.
2. Installation of Backflow Preventor. Certification required to be sent to City Water Department.
3. Pressure testing of Main.
4. Irrigation coverage test.
5. Post-planting.