



City of Redondo Beach  
Engineering and Building Department  
415 Diamond Street  
Redondo Beach, CA 90277  
(310) 318-0636 ♦ (310) 374-4828 fax

## Engineering Division Notes for Residential Construction

1. Mylar copy of the recorded tract map/parcel map shall be submitted to the City Engineer, prior to requesting final building inspection.
2. All easements, oil wells, substructures, superstructures, landscape, hardscape, utility poles, utility boxes, utility vents, utility vaults, utility cabinets, utility overhead lines and water hydrants are shown *on this site plan*.
3. Contractor shall notify City Engineering division 48 hours prior to commencing any work in public right of way.
4. Provide 5-foot triangular corner cut-off at corner lot of property. Land encompassed by corner cut-off shall be dedicated to the City of Redondo Beach and recorded with the Los Angeles County recorder at owner's expense.
5. A profile of driveway at boundary lines and centerline of driveway from curb face to garage should meet standards at approach with maximum angle of 15°, Ramp breakover with maximum angle 6°, and departure with maximum angle of 8°.
6. Work in public right of way shall comply with the latest edition of APWA standard plans and specifications, and shall be executed to the satisfaction of City Engineer and/or his representative.
7. Work in public right of way shall be performed by licensed contractors. Contractors and subcontractors shall possess valid Redondo Beach business licenses.
8. Contractor shall maintain construction permits and an approved set of plans on site at all time. Contractor shall surrender all required construction documents to the City Engineer and/or his representative upon demand.
9. Prior to issuance of the building/engineering permit, contractor must provide proof of insurance. Contractor shall maintain on City files approved one million dollar general liability and one million dollar worker's compensation insurance policy, naming the City additional insured, with 30-day cancellation notice. The insurance policy shall state "The City of Redondo Beach, its officers, elected officials, attorneys, employees, members of boards and commissions, agents and volunteers are hereby named additional insured." The certificate of insurance must state that the insurance is "primary" and not excess. The cancellation clause shall state "should any of the above described policies be canceled before the expiration date thereof, the issuing company will mail 30 days written notice to the certificate holder named to the left."
10. Contractor shall replace at its sole cost, damaged sidewalk, driveways, curb, gutter, and pavement to the satisfaction of the City Engineer and/or his representative.
11. Construct new concrete handicap ramp where noted *on site plan*. New concrete shall be class 520-C-2500.
12. Construct new residential concrete driveway type \_\_\_\_\_ where noted *on site plan*. New concrete shall be class 520-C-2500.
13. Construct new concrete sidewalk where noted *on site plan*. New sidewalk shall match existing. New concrete shall be class 520-C-2500.
14. Construct new concrete curb and gutter where noted *on site plan*. New curb shall have face height of 6 inches or match existing. New gutter shall be 12 inches wide or match existing. New concrete shall be class 520-C-2500.
15. Construct new full-depth asphalt concrete pavement where noted *on site plan*. New asphaltic concrete shall be class D1-AR-4000.
16. New sewer lateral shall be connected to main sewer line within property frontage. Sewer lateral shall be perpendicular to main sewer line. Minimum sewer lateral diameter shall be 4-inch. No connection to existing sewer is allowed unless the existing sewer meets the current code requirements and the approval of the Building Division. Quality/quantity of sewage constituents shall comply with the requirements of the latest edition of The Wastewater Ordinance of The Sanitation Districts of Los Angeles County. Provide 6-inch clean-out immediately behind sidewalk. Encase clean-out in concrete box marked "S" or "SEWER". Design shall be performed by a registered Civil Engineer.
17. Traffic delineation shall be executed in accordance with the latest edition of the "WATCH" manual and to the satisfaction of the City Engineer and/or his representative.

18. Commercial vehicles transporting soil, equipment or construction materials, and having unladen weight as defined in section 660 of CVC of 6,000 pounds or more or having manufacturer's gross weight rating as defined in section 390 of CVC of 10,000 pounds or more shall use designated truck route to commute to project site. Any commercial vehicle having a fully laden weight of 20,000 pounds or more shall not use conditional truck route.
19. Public works inspector shall inspect all street improvements; all sewer systems including all piping, trenching, backfilling and sewer ejector; all storm drain systems including all piping, trenching, backfilling, catch basins, sump pumps and oil/water separator. First inspection shall take place after forms are in place for sidewalks, driveways, etc., or at the time of constructing the sewer line saddle. Second inspection shall take place while sidewalks, driveways, etc., are being poured and finished or at the time of backfilling. Backfilling, compaction and testing shall be conducted in accordance with city standards and to the satisfaction of the City Engineer and/or his representative. Final inspection will be made after City Building Division has made their final inspection. At that time, if all work pertaining to public right of way is in good order, the permit deposits will be released, less any and all charges. Contact City Engineering Division at (310) 318-0661 for all inspections.
20. Contractor shall arrange for public works inspection 24 hours in advance.
21. Contractor shall submit compaction reports and concrete/asphalt class certificates to City Engineering division prior to requesting final inspection.
22. Dust control shall be enforced to the satisfaction of the City Engineer and/or his representative throughout construction.
23. Noise control shall be enforced to the satisfaction of the City Engineer and/or his representative throughout construction. Actual construction activities in public right of way may occur from 7:00 a.m. to 6:00 p.m., Monday through Friday. No work in public right of way shall occur on Saturdays without prior authorization from the City Engineer and/or his representative. Authorized work on Saturdays shall occur from 9:00 a.m. to 5:00 p.m. No work in public right of way shall occur on Sundays or National Holidays .
24. Public right of way shall be kept clear and clean to the satisfaction of the City Engineer and/or his representative throughout construction. No storage of debris, materials or equipment shall be allowed on public right of way without prior written consent from the City Engineer and/or his representative. Such consent shall be renewed daily. If city crews are called upon to perform work of contractor, regarding city right of way, contractor shall be charged for all expenses incurred by city crews.
25. Contractor shall locate and protect existing utilities at its sole cost. Contractor shall repair, at its cost and to the satisfaction of the City Engineer, his representative and to the utility companies, any damage inflicted by contractor on existing utilities.
26. Contractor shall replace at its sole cost, removed/damaged trees/landscaping within public right of way, to the satisfaction of the City Engineer and/or his representative.

### **Best Management Practices for Construction Activities**

1. All persons working at the site should obtain, read and understand the Best Management Practices pamphlet for the type(s) of construction being done.
2. Stockpiles of soil, demolition debris, cement, sand, top soil, etc. must be covered with a waterproof material or bermed to prevent being washed off site.
3. Fuels, oils, paints, solvents, and other liquid materials must be kept inside bermed areas. Spills must not be washed to the street.
4. Waste concrete must not be washed into street, storm drain catch basins, or public right-of-way. All dust and slurry from concrete cutting must be removed using a wet-dry vacuum or equivalent.
5. Trash and other construction solid wastes must be placed in a covered trash receptacle.
6. Eroded soil from disturbed slopes must be contained using berms, silt fences, setting basins, or good erosion management practices such as reseeding.
7. Wash water from cleaning construction vehicles and equipment must be kept on-site within a containment area