

**Grading and Drainage Plan Checklist
City of El Cajon**

Date & Initial = OK
Blank = DEFICIENT
----- = N/A

	EOW	Check	Verify
Initial engineers estimate of quantities and costs and initial plan checking fee paid: \$ _____ (Per current City of El Cajon Fee Schedule			
Final engineers estimate and final (difference in) plan checking fee paid/reimbursed: \$ _____			
All conditions of approval required for DP met			
Planning Division OK			
Traffic Section OK			
Building Division OK (wall construction) signature block on title sheet ONLY			
Helix WD OK if they have facilities on-site (when FH is required on site, Helix may require additional drainage facilities.) signature block on title sheet ONLY			
Letter(s) of permission from owners when work on adjacent property.			
Size - standard "D" sheet or equal			
All notes complete (per drainage processing procedure)			
Signatures and certificates of EOW (must be RCE, seal and number), Soils engineer and owner and As-Built block.			
Signature by Community Development. (If Hillside overlay ord. involved.) signature block on title sheet ONLY			
Job Title & Job # (include Reference Dwg. # if applicable)			
Corresponding Action noted on Plan (ZR, SDP, VAR, CUP, SP, AP, TPM, TSM.)			
Vicinity Map			
City Benchmark used (No., descript. & elev.) on title sheet ONLY, MUST BE NAVD 29 IF OLD & NAVD 88 IF NEW			

**Drainage Plan Checklist
City of El Cajon**

	EOW	Check	Verify
North Arrow, scale (engr. scale only; no architects scale allowed)			
Adjacent streets, names, widths, centerlines			
Pavement sections meet City Standards			
Driveway types and widths shown on plan, CLR to PL			
Street Elevations			
Property location identified (street address or Assessor's Parcel No. or other specific legal or tie).			
Required dedications and easements granted and shown on plan.			
Existing elevations and/or contours to 10' \pm onto adjacent properties. (Sufficient to determine existing dir. of drainage on subject and adjacent properties.)			
Swales & Typical section (earth swales to have 0.25 min. depth, 2:1 max. slopes).			
Other construction (walls, fences, paving, curbs, etc.)			
All pertinent facilities properly labeled in legend.			
Proposed elevations and/or finish contours			
Proposed direction of drainage			
Check storm drain piping, min slope 0.5%; min 18-inch RCP required in Public ROW			
Grade check throughout for satisfactory drainage (conc. min. 0.5%, AC min. 1%, earthen swales min. 1%)			
<u>Stormwater Review:</u>			
Catch basin (specified size and type) and SDRSD D-27 min. 2 x 3" SW underdrains required when draining 100' or deeper lots (except in subdivisions); SDRSD D-25 preferred in general			
Turn 4th blocks at ground level or provide weepholes to allow drainage through walls (when required).			
Plan and drainage facilities in compliance with drainage study (if required).			
General Construction Activity Storm Water Permit required (if over 1 acre) from the State Water Resources Control Board.			

**Drainage Plan Checklist
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	EOW	Check	Verify
Submit copy of N.O.I., WDID#, and SWPPP.			
Erosion Control Plan			
PW 100 and PW 101 given to owner			
Stamp Final 9 sets and distribute: 2-Building, 2-Inspection, 1-NPDES, 1-Planning, 1-Job file, 1-Jim Cunningham, 1- Grading Plan File			
PW 101 returned executed by owner and engineer			