

**CITY OF EL CAJON
DRAINAGE PLAN PROCESSING**

- 1st submittal -4 sets of prints
 -Cost Estimate of all on-site improvements based on the City Unit Costs (ATTACHED) Note: a separate cost estimate shall be submitted for work in the Public ROW designated as off-site improvements.
 -Grading Plan Check fee (ATTACHED)
 -Completed Grading Plan Checklists (ATTACHED)
 -Soils report.
- 2nd- -3 sets of prints and previous submittal sheets.
- For final review -Any remaining Plan Check fees, Inspection fees, any other fees, encroachment permits or subdivision agreements, bonds and insurance.
 -1 set of plans
 -Original Mylar

After originals are signed, the developer needs to arrange for a bonded blueprint company to pick up the originals and provide the City with 9 sets of plans (and original Mylar for subdivisions) before construction can begin.

DRAINAGE NOTES

The only notes and statements required by the City for drainage plans are shown below. Other notes considered appropriate by the Engineer of work should be added. Each sheet of the plans shall be signed and dated and bear the seal or stamp and the expiration date of the Registered Civil Engineer who prepares the plan. A "reviewed by" signature block for Community Development is required if the property is in the hillside overlay zone. The City does not determine whether all aspects of California Drainage Law have been incorporated.

GENERAL NOTES

1. The City of El Cajon requires that all site drainage be directed to the street through a curb outlet (i.e., no sheet flow over sidewalks or driveways). The on-site inlets which discharge through the curb face are designed to pond on-site for low flows if the pipes which discharge through the curb face become plugged. (This does not apply to a single-family residence on a single lot.)
2. The Contractor shall verify locations of all existing utilities prior to start of construction. Section 4216/4217 of the Government Code requires a Dig Alert Identification Number be issued before excavation will be permitted. Call for Mark-outs and a Dig Alert I.D. Number from Underground Service Alert, at 811 at least two working days before excavation.
3. The contractor shall notify the City Engineer at 441-1653, the respective utility owners and other agencies at least two working days prior to start of any construction work.
4. All operations conducted on the premises, including running of trucks and equipment, shall be limited to a period between 7:00 a.m. and 6:00 p.m., Monday through Friday. No work shall be done on Saturdays, Sundays or Holidays. Noise control requirements shall be complied with.
5. Existing streets shall be kept free of dirt and debris, and shall be maintained in good condition. Dust shall be controlled so that it is not a nuisance. The contractor shall be responsible for the repair of any street or property damaged, public or private, as a result of the work.

6. Include only on Hillside Overlay Zone plans ("As Built" plan required).

COMMUNITY DEVELOPMENT HILLSIDE OVERLAY APPROVAL	

REVIEWED BY	DATE

7. The following note shall be included on all plans with proposed wall construction:

“The Building Department shall approve all wall construction”

8. If there is a conflict between this plan and other plans, even if the other plan is dated after this plan, do no work until the conflict is resolved and reviewed by the Engineer of Work and the City Engineer.

STORMWATER RUNOFF MANAGEMENT NOTES

1. The owner and/or the owner’s contractor shall be responsible to establish a plan to implement Best Management Practice to eliminate pollutant discharge to the public storm drain system. Such plan shall be submitted to and reviewed by the City Engineer prior to any soil disturbance, grading, clearing of vegetative matter, and/or construction on the site.
2. The plan shall provide that no sand, silt, or debris shall be allowed to enter the storm drain system including public streets.
3. The owner and/or the owner’s contractor shall implement the plan and take remedial and preventive action immediately when pollutant discharge occurs and/or the City Engineer or the Building Division directs.
4. The above shall apply starting the 1st day of grading and/or construction and shall remain in effect until all grading and/or construction work has been completed.
5. The plan shall be in conformance with the City of El Cajon Standard Urban Storm Water Mitigation Plan Ordinance (SUSMP) and Jurisdictional Urban Runoff Management Program (JURMP). This ordinance requires the applicant to provide additional erosion control measures and perform future ongoing maintenance even after completion of the project to prevent, treat, or limit the amount of storm water runoff and pollution from the property.

The following note should be placed on all grading plans in excess of 1 acre:

6. A general construction activity storm water permit is required from the State Water Resources Control Board for this project. The State Water Resources Control Board has received and processed, on _____, our Notice Of Intent to comply with the terms of the general permit to discharge storm water associated with construction activity. Our WDID identification number is: _____.

When Work in the Public Right-of-way is shown on the Drainage Plans the following notes are applicable in addition to all other notes:

1. ALL WORK IN THE PUBLIC RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH THESE PLANS, THE 2003 EDITION OF THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION", INCLUDING THE 2003 REGIONAL SUPPLEMENT, AND THE 2003 EDITION OF THE SAN DIEGO AREA REGIONAL STANDARD DRAWINGS, ADOPTED BY THE EL CAJON CITY COUNCIL, ON THE 22ND DAY OF JULY, 2003.
2. Prior to any work within the public right-of-way, an encroachment permit or a subdivision agreement is required from the City of El Cajon including all necessary bonds, fees, liability insurance and worker's compensation, conforming to sections 7-3 and 7-4 of the "Standard Specifications for Public Works Construction", 2003 edition.
3. The contractor shall contact the respective utility owners for location, removal and/or relocation of any utility services affected by the construction.
4. The contractor shall be responsible for exposing, verifying locations both horizontal and vertical, and maintaining all existing underground utilities, shown or not shown on the plans during construction.
5. All underground utilities shall be installed prior to placement of paving and base or concrete.
6. All concrete forms and reinforcing are to be inspected and accepted by the City Engineer before concrete is placed.
7. The contractor shall assume sole and complete responsibility for public right-of-way conditions during the course of construction, including safety of all persons and property. This responsibility shall apply continuously around the clock.
8. Traffic control shall be in accordance with the "California Manual on Uniform Traffic Control Devices for Streets and Highways, Part 6, Temporary Traffic Control" dated September 2006.
9. The contractor shall close any unused existing driveways and replace them with full height curb, gutter and sidewalk.

Include only when public streetlights are required.

10. Install a ___ watt H.P.S., 120-volt, reactor high power factor ballast, and 90-degree cut-off type fixture with photoelectric cell, public streetlight in accordance with the Standard Specifications, FS-303, and the "General Requirements for Street Lighting Services" of the City of El Cajon. Notify City Engineer (441-1653) at least 24 hours in advance when street lighting system is ready for inspection.

*****DECLARATION OF RESPONSIBLE CHARGE / DRAINAGE/
[*HILLSIDE OVERLAY]**

I, _____, Registered Civil Engineer in the State of California, have exercised responsible charge over the drainage design shown on this plan. The drainage design shown on this plan is in conformance with California Drainage Law. I understand that the City of El Cajon does not determine whether all aspects of California Drainage Law have been incorporated.

The proposed drainage shown hereon will not block or unreasonably increase or concentrate within the meaning of California Drainage Law, drainage runoff from or to any of the adjoining properties. There will be no sheet flow over sidewalks or driveways. [*This grading plan complies with the provisions of the Hillside (H) Overlay Zone (Chapter 17.52 of the Zoning Ordinance) in terms of proposed slope gradient (maximum 2:1) and slope height (maximum 30 ft.)]

(Name)	Date	Certificate No.	Exp.
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*****SOILS/GEOLOGIC ENGINEER'S CERTIFICATE**

I, _____, Registered Civil Engineer in the State of California, have reviewed this drainage plan and I am satisfied that this plan is consistent with the recommendations made in our soils/geologic report, project number _____, dated _____. If grading is not completed by ___(time limit date)___, a review by the soils/geologic engineer will be required.

(Name)	Date	Certificate No.	Exp.
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******OWNERS' CERTIFICATE**

1. I approve this plan to be followed in the construction of this project. I understand that ANY changes must be approved by the Engineer who prepared these plans and reviewed by the City Engineer.
2. If there is a conflict between this plan and other plans, even if the other plan is dated after this plan, I will do no work until the conflict is resolved and has been reviewed by the Engineer and the City Engineer.
3. I understand that I must use the existing sewer lateral (unless none existing).
4. I will require the plumbing contractor to verify the location and depth of the point of connection to the existing sewer, before start of the job.
5. I understand that if the work of this plan is not completed in conformance therewith the City will have the right to withhold acceptance of the subdivision or improvements and occupancy of buildings constructed on the site of this development.

(Name)	Title	Date
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****** AS BUILT**

I certify that I observed the construction, and the work shown on this plan has been done in conformance with my design, recommendations or requirements and any approved changes.

(Engineer of work)	Date
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(Soils/geologic Engineer)	Date
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