

**TM06-1421-E/Diamante Estates Tentative Map** – As approved by the Planning Commission on May 12, 2016

**Conditions of Approval**

1. This Tentative Subdivision Map time extension is based upon and limited to compliance with the project description, the Staff Report exhibits marked Exhibits F through H and Conditions of Approval set forth below. Any deviations from the project description, exhibits or conditions must be reviewed and approved by the County for conformity with this approval. Deviations may require approved changes to the permit and/or further environmental review. Deviations without the above described approval will constitute a violation of permit approval.

**The project description is as follows:**

Six one-year time extensions to the Tentative Subdivision Map approved by the Board of Supervisors on October 27, 2009, extending the map to October 27, 2022. The previous approval included a request for a Zone Change from Exclusive Agriculture (AE) to Estate Residential 5-acre and a Tentative Subdivision Map to create 19 single-family lots ranging in size from 2.2 acres to 9.9 acres and one 2.2 acre open space lot (Lot 8), totaling 113.1 acres. The previous approval also included a request for a Special Use Permit to allow gated access onto Malcolm Dixon Road. Access to the proposed subdivision shall be from two gated entryways off Malcolm Dixon Road to the south. A connection to Salmon Falls Road to the north shall be provided in the future. The project shall provide public water and individual septic systems.

The gross and net lot area shall comply with Table 2 below:

<b>Table 2 : Gross Acreage</b>	
<b>Lot Number</b>	<b>Acreage</b>
1	8.5
2	5.0
3	6.8
4	5.3
5	5.2
6	5.3
7	5.0
8 (Open Space)	2.2
9	5.0
10	5.1
11	5.1
12	5.0
13	9.9
14	8.8
15	5.7

16	5.0
17	5.0
18	5.1
19	5.0
20	5.1

The oak removal as part of construction of the on-site access road and future residential development of the site shall comply with Table 3 below:

<b>Table 3: Oak Tree Canopy Summary</b>					
Project Site (acreage)	Oak Canopy Coverage (acreage)	Percentage Oak Coverage Required	Percentage of Required Retention	Proposed Oak Removal (Acreage)	Percentage Retention Proposed
113.1	21.1	90%	90%	2.1	90%

The grading, development, use, and maintenance of the property, the size, shape, arrangement, and location of structures, parking areas and landscape areas, and the protection and preservation of resources shall conform to the project description above and the hearing exhibits and conditions of approval below. The property and any portions thereof shall be sold, leased or financed in compliance with this project description and the approved hearing exhibits and conditions of approval hereto. All plans (such as Landscape and Tree Protection Plans) must be submitted for review and approval and shall be implemented as approved by the County.

**CONDITIONS FROM THE MITIGATED NEGATIVE DECLARATION**

The following mitigation measures are required as a means to reduce potential significant environmental effects to a level of insignificance:

2. To avoid take of active raptor nests, pre-construction surveys shall be conducted by a qualified biologist no more than 30 days prior to initiation of proposed development activities. Pre-construction surveys shall follow protocol guidelines issued by the California Department of Fish and Game (CDFG). If no active raptor nests are found to occur, necessary tree removal shall proceed. If active raptor nests are found on or immediately adjacent to the site, the following actions shall be taken in order to avoid impacts to nesting raptors:
  1. Halt all construction within 150 feet of any trees containing active raptor nests; these areas shall be marked with fencing or tape in order to clearly delineate areas where construction is prohibited.

2. Construction shall not resume within 150 feet of any identified nest until the end of the typical nesting season; August 31. Construction may resume prior to the end of the nesting season, only if all raptor fledges have left the nest.
3. Construction shall not resume prior to consultation with the California Department of Fish and Game and determination that the proposed project would not result in a “take” of any rare, threatened, endangered or special status species.

**Monitoring:** The applicant shall provide Development Services with a letter from a qualified Biologist verifying compliance prior to issuance of a grading permit.

3. The applicant shall obtain a Streambed Alteration Agreement from the California Department of Fish and Game for each crossing or any activities affecting the onsite riparian vegetation. The agreement shall be submitted to Planning Services for review prior to issuance of a grading permit.

**Monitoring:** Planning Services shall verify the agreement has been obtained and necessary mitigation measures incorporated on the plans prior to issuance of a grading permit.

4. Prior to issuance of a grading permit, the applicant shall obtain a 404 Permit from the US Army Corps of Engineers and a Water Quality Certification from the Central Valley RWQCB. The project shall incorporate all conditions attached to the permit and certification into the project.

**Monitoring:** Planning Services shall verify the required permit and certification has been obtained prior to issuance of a grading permit.

## **Project Conditions of Approval**

### **Planning Services**

5. A vehicular access restriction shall be established along the entire frontage along lots 1, 4, 5, 7, 8 and 20. Lots 5 and 7 shall take access from interior roads. All parcels on two roadways shall take access from the minor roadway. This shall be verified by Planning Services prior to recording the Final Map.
6. The applicant shall provide to Planning Services, a meter award letter or similar document from EID, prior to filing the Final Map.
7. Pursuant to Section 16.12.090, the project is responsible for parkland dedication of 0.1881 acres which shall be satisfied by park in lieu fees. The applicant shall submit a request for Park-in-Lieu fee appraisal to Planning Services, with a check for \$150.00 made out to the El Dorado County Assessor; upon completion of appraisal, the applicant must pay the park fee, pursuant to Section 16.12.090 of the El Dorado County

Subdivisions Ordinance, to the Development Services Department, and shall submit the receipt to El Dorado County Planning Services with the final map application.

8. At time of Final Map filing, open space lot (Lot 8) shall be dedicated to a Homeowner's Association or similar entity as open space with an appropriate maintenance program.
9. At time of Final Map filing, CC & R's shall be submitted and reviewed by Planning Services.
10. In the event of any legal action instituted by a third party challenging the validity of any provision of this approval, the developer and landowner agree to be responsible for the costs of defending such suit and shall hold County harmless from any legal fees or costs County may incur as a result of such action, as provided in Section 66474.9(b) of the Government Code.

The subdivider shall defend, indemnify, and hold harmless El Dorado County and its agents, officers, and employees from any claim, action, or proceeding against El Dorado County or its agents, officers, or employees to attack, set aside, void, or annul an approval of El Dorado County concerning a subdivision, which action is brought within the time period provided for in Section 66499.37.

County shall notify the subdivider of any claim, action, or proceeding and County shall cooperate fully in the defense.

11. Construction activities shall be limited to the hours of 7 a.m. to 7 p.m. during weekdays and 8 a.m. to 5 p.m. on weekends and federally recognized holidays. Exceptions are allowed if it can be shown that construction beyond these times is necessary to alleviate traffic congestion and safety hazards. Planning Services shall verify this requirement is placed on the Grading Plans prior to issuance of a grading permit.
12. Prior to issuance of a grading permit the applicant shall provide a written description, together with appropriate documentation, showing conformance of the project with each condition imposed as part of the project approval. The applicant shall also schedule an inspection by Planning Services if deemed necessary prior to issuance of a grading permit for verification of compliance with applicable conditions of approval.

#### **Environmental Management-Air Quality**

13. Prior to grading permit issuance, a fugitive dust plan shall be submitted to the Air Quality Management District (AQMD) for review and approval.
14. The applicant shall obtain and comply with all necessary permits from the Air Quality Management District prior to issuance of a grading permit.

#### **Surveyor's Office**

15. All survey monuments shall be set prior to the presentation of the Final Map to the Board of Supervisors for approval; or the developer shall have the surety of work to be done by bond or cash deposit. Verification of set survey monuments, or amount of bond or deposit shall be coordinated with the County Surveyor's Office.
16. The roads serving the development shall be named by filing a completed road name petition with the County Surveyor's Office prior to filing the final map.

### **LAFCO**

17. The applicant shall process a request for annexation into the El Dorado Irrigation District for public water, prior to filing the Final Map.
18. The applicant shall process a request for annexation into the El Dorado Hills Fire Department for fire protection services, prior to filing the Final Map.

### **El Dorado Hills Fire Department**

19. The potable water system for the purpose of fire protection for this project shall provide a minimum fire flow of 1,000 gallons per minute for a 3,600 square foot structure. The fire flow shall have a duration of two hours with no less than 20 psi residual pressure. The Department shall verify that adequate fire flow is available prior to filing the final map.
20. The project shall annex into the El Dorado Hills County Water District and pay all fees associated with the annexation.
21. The developer shall install Mueller Dry Barrel fire hydrants consistent with El Dorado Irrigation District specifications for fire protection. The spacing between fire hydrants shall not exceed 500 feet. The exact location of each fire hydrant shall be determined by the El Dorado Hills Fire Department prior to filing the final map.
22. All access roadways and fire hydrants shall be installed prior to issuance of any building permit, as specified by the El Dorado Hills Fire Department Standard 103.
23. Driveways shall be designed to a maximum of 20% grade with concrete or asphalt, 16% for compacted AB rock. Any driveway exceeding this requirement shall require the installation of fire sprinklers per NRPA 13D. Driveway locations and grades shall be verified by the Fire Department prior to filing the final map.
24. The applicant shall provide a Wildland Fire Safe Plan that is approved by the Fire Department prior to filing the Final Map.
25. No traffic calming devices shall be installed that utilize a raised bump section of roadway as determined by the Fire Department.

26. All lots within the subdivision that are one acre or greater shall provide a minimum 30 foot building setback, as required by the California Fire Safe Regulations.
27. Any driveway exceeding 150 feet in length shall provide a turn around that meets or exceeds 2007 California Fire Code.
28. Minimum widths for all driveways shall be 12 feet with a vertical clearance of 13 feet 6 inches. All medium to heavy vegetation within 10 feet of either side of driveways shall be thinned or removed, as determined by the Fire Department.
29. All automatic gates shall be equipped with a “Knox” emergency access override system that consists of a low security key activated switch located in accordance with Fire Department requirements.
30. All automatic gates shall also be equipped with both 3M Opticom Control device. The device shall be placed in a location allowing operation from 75 feet away.
31. Linear receiver device (approved by the Fire Department) to allow remote activation by emergency vehicles shall be programmed to operate with the Fire Department’s current transmitters.
32. Automatic gates shall be equipped with a mechanical release, as determined by the Fire Department.
33. A loop system located on the inside portion of the access roadway shall permit vehicular traffic within the gated area the ability to open the gate and exit without any special knowledge, action or codes. The loop system shall also keep the gate open as long as vehicular traffic is passing through it.
34. All automatic gates shall be designed to automatically open and remain in a fully opened position during power failures.
35. Gates creating a dead-end road in excess of one hundred fifty (150) feet in length shall be provided with approved provisions for the turning around of fire apparatus.
36. The gradient for the fire apparatus access road shall not exceed the maximum approved by the Fire Department. The intent is to provide a level landing area on either side of the gate to allow emergency apparatus to be parked in a safe manner when it is necessary to exit the vehicle for manual gate activation.
37. In order to ensure that the gate/access control devices are properly maintained, a copy of the maintenance contract for the control device or system is required to be supplied to the El Dorado Hills Fire Department. This maintenance contract shall include a monthly testing of the control devices, an annual preventative maintenance inspection and

emergency repairs as required to maintain the gate and control devices in operative condition. If at any time this maintenance contract is voided for any reason, the access gates shall be locked in the open position and will remain locked until such time as the maintenance contract is restored.

38. **Prohibited Devices:** All required vehicle access openings shall provide both ingress and egress. Direction limiting devices, such as fixed tire spikes, are prohibited. No device may be used which will delay the ingress or egress of emergency responders. The total number of vehicle access control gates or systems, through which emergency equipment must pass to reach any address, shall not exceed one.
39. Plans for the installation of automatic gates on fire apparatus shall be submitted to the El Dorado Hills Fire Department for approval prior to installation.
40. Gates and access control equipment shall not be placed into service prior to being inspected and tested by the Fire Department.
41. This development, along with all the other development within this area shall be conditioned to provide adequate access and circulation between developments to provide the residents with multiple evacuation routes during an emergency.
42. The roadway serving the north portion of this development shall be conditioned to connect to the adjoining development to allow circulation for both projects.

**Department of Transportation**

**PROJECT SPECIFIC CONDITIONS**

43. **Road Design Standards:** The applicant shall construct all roads in conformance with the Design and Improvements Standard Manual (DISM), as shown in Table 1. The improvements shall be completed to the satisfaction of the Department of Transportation (DOT) or the applicant shall obtain an approved improvement agreement with security, prior to the filing of the final map: (the requirements outlined in Table 1 are minimums).

<b>Table 1</b>				
<b>ROAD NAME</b>	<b>DESIGN STANDARD PLAN</b>	<b>ROAD WIDTH* / SHOULDER WIDTH</b>	<b>RIGHT OF WAY**</b>	<b>EXCEPTIONS/ NOTES</b>
Diamante Road (onsite)	Std Plan 101C  Maintenance Entity	24ft / 2 ft	50ft	Two 12 foot wide lanes and 2 foot wide shoulder per Exhibit X. 3"AC/8"AB section or as recommended in Soils

				report. 25 MPH Design Speed
La Barbera Road (onsite)	Std Plan 101C  Maintenance Entity	24ft / 2 ft	50ft	Two 12 foot wide lanes and 2 foot wide shoulder per Exhibit X. 3"AC/8"AB section or as recommended in Soils report. 25 MPH Design Speed
Chartraw / Diamante Road Widening (offsite) From STA: 21+70 (New Connection) to La Barbera intersection.	Std Plan 101C  Maintenance Entity	24ft Including slope easements. EP to EP	50ft	Two 12 foot wide lane and 2 foot wide shoulder per Exhibit X. 3"AC/8"AB section or as recommended in Soils report. Road width is measured EP to EP. 25 MPH Design Speed

44. **Offer of Dedication, Interior Roads:** Developer shall irrevocably offer to dedicate in fee, a 50 foot wide road and public utilities easement that extends from the southern boundary line to the northern boundary line (to provide access to development beyond) as determined by EDC DOT, and for all other onsite roadways, prior to the filing of the map. Slope easements shall be included as necessary. This offer will be rejected by the County.
45. **Offer of Dedication, Malcom Dixon Rd:** The applicant shall irrevocably offer to dedicate, in fee, 30 feet of right of way for the on-site portion of Malcolm Dixon Road along the entire property frontage, prior to filing the map. This offer will be accepted by the County.
46. **Encroachment Permit:** The applicant shall obtain an encroachment permit from DOT and shall construct the roadway encroachments from the access roadways onto Malcom-Dixon Road to the provisions of County Design Std **103D**. The improvements shall be completed to the satisfaction of the Department of Transportation or the applicant shall obtain an approved improvement agreement with security, prior to the filing of the map.
47. **Multi-Project Area of Benefit:** Upon the applicant's request, the County will form and implement, at the applicant's expense, a public improvement financing district for funding or reimbursement of the costs of off-site public improvements to be constructed as identified in the Exhibit X entitled Malcolm Dixon Area Traffic Circulation Plan. The applicant shall prepare and submit for County's approval and adoption a proposed Area of Benefit and supporting Engineers Estimate and Report for the purpose of financing and reimbursement of required off-site land acquisitions, widening and (re-) construction



of public improvements as may be appropriate. The proposed Area of Benefit shall include but not be limited to parcels APN: 110-020-12, 126-100-18, 19, 23, & 24. The Area of Benefit Engineer’s Report shall be prepared and submitted and the proposed public financing district formed prior to the filing of the Final Map. For development projects within the proposed public financing district Area of Benefit, County shall require consent by the land owner to the public financing district and participation in the funding or reimbursement and/or construction of the off-site public improvements for Malcolm Dixon Area Traffic Circulation Plan on a pro rata share of residential lots or equivalent share basis as a condition of approval. For development projects which may derive benefit from the public improvements to be constructed as part of the Malcolm Dixon Area Traffic Circulation Plan, County shall require participation in the funding and reimbursement and/or construction of the off-site public improvements for Malcolm Dixon Area Traffic Circulation Plan on a pro rata share of residential lots or equivalent share basis as a condition of project approval.

48. **Area of Benefit Improvements:** The following Area of Benefit Improvements are required of all projects party to the Area of Benefit. This project’s proportional share and financial responsibility for these improvements shall be determined by the Engineer’s Report. These improvements shall be completed to the satisfaction of DOT prior to issuance of a building permit.

<b>Table 2</b>			
<b>ROAD NAME</b>		<b>ROAD WIDTH</b>	<b>EXCEPTIONS/NOTES</b>
<b>AREA OF BENEFIT</b> Off-Site Malcolm Dixon Road Widening From STA:10+00 to STA:28+20	Std Plan 101B County Maintained System	24ft (50ft R/W) EP to EP	Two 12 foot wide lanes and 3 foot wide shoulder per Exhibit X. 2”AC overlay over existing section. No vertical profile change. 3”AC/8”AB section for pavement extension or as recommended in Soils report.
<b>AREA OF BENEFIT</b> Off-Site Malcolm Dixon Road Reconstruction From STA:28+20 to STA: 40+51	Std Plan 101B County Maintained System	24ft (50ft R/W) Including slope easements. EP to EP	Two 12 foot wide lanes, AC dike and 3 foot wide shoulder per Exhibit X. Omit shoulders at (e) Box Culvert location. 3”AC/8”AB or as recommended in Soils report. For design speed see Exhibit X.
<b>AREA OF BENEFIT</b> New Connection	Std Plan 101B County	24ft (50ft R/W) Including slope	Two 12 foot wide lanes, AC dike and 2 foot wide

Reconstruction portion From STA: 20+20 to STA: 21+70.	Maintained System	easements. EP to EP	shoulder per Exhibit X. 3"AC/8"AB section or as recommended in Soils report. For design speed see Exhibit X.
<b>AREA OF BENEFIT</b> Off-Site New Connection From STA:10+00 to STA:15+44	Std Plan 101B County Maintained System	36ft (60ft R/W) Including slope easements. FC to FC	36 foot travel way, curb, gutter and 6 foot wide shoulder per Exhibit X. 3"AC/8"AB section or as recommended in Soils report. For design speed see Exhibit X. 36 feet will accommodate two 11-foot travel lanes and a 10-foot striped turn pocket if necessary and 2-foot gutter pans on each side.

49. **Off-site Easements:** Applicant shall provide all necessary recorded easements for the drainage, slope and road improvements crossing the property line prior to approval of the improvement plans.
50. **Secondary Access:** The applicant shall provide at least two connections with an existing, improved public street for the project. The accesses shall adhere to the provisions described in Table 1. The improvements shall be substantially completed to the satisfaction of the Department of Transportation or the applicant shall obtain an approved improvement agreement with security, prior to the filing of the final map.
51. **Turnaround:** The applicant shall provide a turn around at the end of the onsite roadways to the provisions of County Standard Plan 114 or approved equivalent. The improvements shall be completed to the satisfaction of the Department of Transportation or the applicant shall obtain an approved improvement agreement with security, prior to the filing of the map.
52. **Temporary Turnaround:** If the secondary access roadways are not installed and a temporary exit road has been approved, the applicant shall provide a temporary turnaround at the end of the roadway. Temporary turn around shall also be constructed at the end of phased roads. The improvements shall be substantially completed, to the approval of the Department of Transportation or the applicant shall obtain an approved improvement agreement with security, prior to the filing of the map.
53. **Roadway Slopes:** Pursuant to DISM Sec 3.B.9 and Design Std Plan 101B, the gradient of any street shall not exceed 15%. Roadway slopes shall be indicated on the improvement plans to show compliance with this requirement.

54. **Driveway Cuts:** Subdivision improvements shall include rough grading of driveways for all lots with street cuts or fills along the frontage of six feet or more difference in elevation, or as found necessary for reasonable access by the County Engineer. Construction of said driveways shall conform to the Design and Improvements Standards Manual and the Encroachment Ordinance. Attention should be given to the minimum required sight distance at all driveway encroachments. As an alternative, a Notice of Restriction shall be filed against all downhill lots with fill in excess of 6 feet which allows structural driveway access only.
55. **Vehicular Access Restriction:** Prior to filing of the map, the applicant shall record a vehicular access restriction along the entire frontage of Malcom-Dixon Road, excluding the location of the approved access encroachment.

#### STANDARD DOT CONDITIONS

56. **Improvement Plans and Cost Estimate:** The developer shall obtain approval of project improvement plans and cost estimates consistent with the Subdivision Design and Improvement Standards Manual from the County Department of Transportation, and pay all applicable fees prior to filing of the final map.
57. **Easements:** All applicable existing and proposed easements shall be shown on the project plans.
58. **Road & Public Utility Easements:** The applicant shall provide a 50 foot wide non-exclusive road and public utility easement for the on-site access roadway prior to the filing of the map. Slope easements shall be included as necessary.
59. **Maintenance Entity:** The proposed project must form an entity for the maintenance of any shared or common: private roads, parking facilities, landscaping, signs and drainage facilities. If there is an existing entity, the property owner shall modify the document if the current document does not sufficiently address maintenance of the roads, parking facilities, landscaping, signs, and drainage facilities of the current project. DOT shall review the document forming the entity to ensure the provisions are adequate prior to filing of the map.
60. **Signage:** The applicant shall install all necessary signage such as stop signs, street name signs, and/or "not a county maintained road" road sign as required by the Department of Transportation prior to the filing of the map. The signing and striping shall be designed and constructed per the latest version of the Manual Uniform Traffic Control Devices (MUTCD) and the California Supplement.
61. **Common Fence/Wall Maintenance:** The responsibility for, and access rights for, maintenance of any fences and walls constructed on property lines shall be included in the Covenants Codes and Restrictions (CC&Rs).
62. **Water Quality Stamp:** All new or reconstructed drainage inlets shall have a storm water quality message stamped into the concrete, conforming to the Storm Water Quality

Design Manual for the Sacramento and South Placer Regions, Chapter 4, Fact Sheet SD-1. All stamps shall be approved by the El Dorado County inspector prior to being used.

63. **Construction Hours:** Construction activities shall be conducted in accordance with the County Health, Safety, and Noise Element and limited to the daylight hours between 7:00 a.m. and 7:00 p.m. on any weekday, and 8:00 a.m. and 5:00 p.m. on weekends and federal holidays.
64. **DISM Consistency:** The developer shall obtain approval (as modified by these conditions herein) of project improvement plans and cost estimates consistent with the Subdivision Design and Improvement Standards Manual (dated May 1986, revised May 1990), from the County Department of Transportation, and pay all applicable fees prior to filing of the final map.
65. **Road Improvement Agreement & Security:** The developer shall enter into a Road Improvement Agreement (RIA) with the Department of Transportation for all roadway, frontage, and intersection improvements. The developer shall complete the improvements to the satisfaction of DOT or provide security to guarantee performance of the RIA as set forth within the County of El Dorado Subdivision Division Ordinance, prior to filing of the map.
66. **Performance Bond:** The construction of all required improvements shall be completed with the presentation of the final map to the Planning Director before presentation of the final map to the Board of Supervisors for its approval. For improvements not completed, the subdivider shall provide a 100 percent performance surety and a 50 percent labor and materialmen surety by separate bond, cash deposit, assignment, or letter of credit from a financial institution. For improvements which have been completed, the subdivider shall provide a ten percent maintenance surety in any of the above-mentioned forms. Verification of construction, or partial construction, and cost of completion shall be determined by the County Department of Transportation. The developer shall pay the traffic impact fees in effect at the time a building permit is issued for any parcel created by the subdivision.
67. **Import/Export Grading Permit:** Any import, or export to be deposited or borrowed within El Dorado County, shall require an additional grading permit for that offsite grading.
68. **Grading Permit / Plan:** If more than 50 cubic yards of earth movement are required for improvements, the applicant shall submit a site improvement/grading plan prepared by a professional civil engineer to the Department of Transportation for review and approval. The plan shall be in conformance with the County of El Dorado “*Design and Improvement Standards Manual*”, the “*Grading, Erosion and Sediment Control Ordinance*”, the “*Drainage Manual*”, the “*Off-Street Parking and Loading Ordinance*”, and the State of California Handicapped Accessibility Standards. All applicable plan check and inspection fees shall be paid at the time of submittal of improvement plans.

The improvements and grading shall be completed to the satisfaction of DOT prior to occupancy clearance.

69. **Grading Plan Review:** Grading and improvement plans shall be prepared and submitted to the El Dorado County Resource Conservation District (RCD) and the Department of Transportation. The RCD shall review and make appropriate recommendations to the County. Upon receipt of the review report by the RCD, the Department of Transportation shall consider imposition of appropriate conditions for reducing or mitigating erosion and sedimentation from the project. Grading plans shall incorporate appropriate erosion control measures as provided in the El Dorado County Grading Ordinance and El Dorado County Storm Water Management Plan. Appropriate runoff controls such as berms, storm gates, detention basins, overflow collection areas, filtration systems, and sediment traps shall be implemented to control siltation, and the potential discharge of pollutants into drainages.
70. **RCD Coordination:** The timing of construction and method of revegetation shall be coordinated with the El Dorado County Resource Conservation District (RCD). If grading activities are not completed by September, the developer shall implement a temporary grading and erosion control plan. Such temporary plans shall be submitted to the RCD for review and recommendation to the Department of Transportation. The Department of Transportation shall approve or conditionally approve such plans and cause the developer to implement said plan on or before October 15.
71. **Soils Report:** At the time of the submittal of the grading or improvement plans, the applicant shall submit a soils and geologic hazards report (meeting the requirements for such reports provided in the El Dorado County Grading Ordinance) to, and receive approval from the El Dorado County Department of Transportation. Grading design plans shall incorporate the findings of detailed geologic and geotechnical investigations and address, at a minimum, grading practices, compaction, slope stability of existing and proposed cuts and fills, erosion potential, ground water, pavement section based on TI and R values, and recommended design criteria for any retaining walls.
72. **Drainage Study / SWMP Compliance:** The applicant shall provide a drainage report at time of improvement plans or grading permit application, consistent with the Drainage Manual and the Storm Water Management Plan, which addresses storm water runoff increase, impacts to downstream facilities and properties, and identification of appropriate storm water quality management practices to the satisfaction of the Department of Transportation.

The Drainage Study must demonstrate the subject property has adequate existing and proposed storm drainage facilities. At a minimum, the drainage study, plans, and calculations shall include the following:

- The site can be adequately drained;
- The development of the site will not cause problems to nearby properties, particularly downstream sites;

- The on-site drainage will be controlled in such a manner as to not increase the downstream peak flow more than the pre-development 10-year storm event or cause a hazard or public nuisance. Detention shall be required if said condition is not met or demonstrate that there are no downstream impacts.
- The ultimate drainage outfall of the project.

Pursuant to Section 1.8.3 of the Drainage Manual, the report shall be prepared by a Civil Engineer who is registered in the State of California. A Scoping Meeting for the required drainage study between County staff and the engineer shall occur prior to the first submittal of improvement plans. The engineer shall bring a watershed map and any other existing drainage system information to the Scoping Meeting. The improvements shall be completed to the approval of the Department of Transportation prior to the filing of the final map or the applicant shall obtain an approved improvement agreement with security.

73. **Drainage (Cross-Lot):** Cross lot drainage shall be avoided. When concentrated cross lot drainage does occur or when the natural sheet flow drainage is increased by the project, it shall be contained within dedicated drainage easements, and included in the County Service Area Zone of Benefit (ZOB), Home Owners Association, or other entity acceptable to the County. Any variations shall be approved by the County Engineer. This drainage shall be conveyed via closed conduit or v-ditch, to either a natural drainage course of adequate size or an appropriately sized storm drain system within the public roadway. The site plans shall show drainage easements for all on-site drainage facilities. Drainage easements shall be provided where deemed necessary prior to the filing of the final map.
74. **Drainage Easements:** Pursuant to Section 4.D of the DISM, the site plans shall show drainage easements for all on-site drainage courses and facilities and shall be included on all improvement plans and / or on the final map.
75. **NPDES Permit:** At the time that an application is submitted for improvement plans or a grading permit, and if the proposed project disturbs more than one acre of land area (43,560 square feet), the applicant shall file a "Notice of Intent" (NOI) to comply with the Statewide General NPDES Permit for storm water discharges associated with construction activity with the State Water Resources Control Board (SWRCB). This condition is mandated by the Federal Clean Water Act and the California Water Code. A filing form, a filing fee, a location map, and a Storm Water Pollution Prevention Plan (SWPPP) are required for this filing. A copy of the Application shall be submitted to the County, prior to building permit issuance, and by state law must be done prior to commencing construction.
76. **Off-site Improvements (Security):** Prior to the filing of a final map or parcel map, the applicant shall enter into an agreement pursuant to Government Code Section 66462.5 to complete the required offsite improvements, including the full costs of acquiring any real property interests necessary to complete the required improvements. In addition to the

agreement, the applicant shall provide a cash deposit, letter of credit, or other acceptable surety in the amount sufficient to pay such costs, including legal costs, subject to the approval of County Counsel.

77. **Off-site Improvements (Acquisition):** As specified in the Conditions of Approval, the applicant is required to perform off-site improvements. If it is determined that the applicant does not have or cannot secure sufficient title or interest of such lands where said off-site improvements are required, the County may, at the applicant's expense and within 120 days of filing the Final Map, acquire by negotiation or commence proceedings to acquire an interest in the land which will permit the improvements to be made, including proceedings for immediate possession of the property. In such cases, prior to filing of any final map, the applicant shall submit the following to the Department of Transportation Right of Way Unit, and enter into an agreement pursuant to Government Code Section 66462.5 and provide acceptable security to complete the offsite improvements, including costs of acquiring real property interest to complete the required improvements, construction surveying, construction management and a 20% contingency:
- a. A legal description and plat, of the land necessary to be acquired to complete the offsite improvements, prepared by a civil engineer or land surveyor.
  - b. Approved improvement plans and specifications of the required off-site improvements, prepared by a civil engineer.
  - c. An appraisal prepared by a certified appraiser of the cost of land necessary to complete the off-site improvements.

In addition to the agreement the applicant shall provide a cash deposit, letter of credit, or other acceptable surety in an amount sufficient to pay such costs including legal costs subject to the approval of County Counsel.

78. **Electronic Documentation:** Upon completion of the improvements required, and prior to acceptance of the improvements by the County, the developer will provide a CD to DOT with the drainage report, structural wall calculations, and geotechnical reports in PDF format and the record drawings in TIF format.

**TIM Fees:** The applicant shall pay the traffic impact mitigation fees in effect at the time a building permit is deemed complete.