

North Vineyard Station Supplemental Drainage	3.394634%	
Zone 11N Fee and Credit Schedule		
SCHEDULE N	Effective March 1, 2020	
CREDITS		
Riparian Enhancement Landscaping (Channel) [1]	\$72.82	/LF
Riparian Enhancement Landscaping (Basin perimeter) [1]	\$16.85	/LF
Erosion Control (Channel) [2]	\$12.85	/LF
Lineal Water Quality Features [3]	\$6,415	/EA
Low Flow Crossing [4]	\$0.00	
Box Culvert [4]	\$0.00	
Temporary Pump Station [5]	\$277,152	/EA
Remove Temp Pump Station [6]	\$102,648	/EA
Construct Temporary Weir at Detention Basin E24B		
Construct Temporary Weir at Detention Basin E24A		
Construct Temporary Weir at Detention Basin G41		
Real Estate Acquisition:		
Channel easement in existing and future 100-yr floodplain (top of bank future channel)	\$59,425	/AC
Preserve channel buffer above top of bank [7] [8] [9]	\$148,559	/AC
Detention Basin (unencumbered), less Zone 11 A credit [7] [8] [9]	\$20,204	/AC
Preserve buffer encumbered by aerial utility easement	\$59,423	/AC
Channel easement (top of bank) encumbered by easement for underground utility	\$7,427	/AC
Preserve buffer encumbered by easement for underground utility	\$37,437	/AC
FEES per acre* [use straight line interpolation]		
Residence on 2.0 acre or larger parcel	\$0	/AC
Residence on 1.0 acre	\$20,442	/AC
Residence on 0.50 acre	\$21,684	/AC
Residence on 0.25 acre	\$25,036	/AC
Residence on 0.20 acre	\$26,188	/AC
Residence on 0.14 acre	\$29,665	/AC
Residence on 0.10 acre	\$30,564	/AC
Residential RD20 to RD30	\$31,293	/AC
Commercial (office/retail)	\$34,520	/AC
School Campus	\$29,665	/AC
Sports Field	\$0	/AC
Impervious Areas of Park	\$0	/AC
NOTICE: <u>20.00%</u> of the fee obligation must be paid in cash and credits cannot be used.		
Footnotes:		
* Acreage, over which fee is applied, is calculated same as Zone 11 per Section 2.50.050(H)		
1. Credit amount shall be the least of actual cost or unit price shown in this fee plan		
2. Jute mat or equivalent (hydroseed is Zone 11A on Schedule D)		
3. Credit for fine grading and erosion work at non-trunk inline water quality as shown on landscape plan		
4. Credit amount shall be the least of Schedule D unit price or total shown in this fee plan for each feature		
5. Credit amount shall be the least of actual cost or unit price shown in this fee plan		
6. Credit amount shall be actual cost or unit price shown in this fee plan		
7. Maximum land value credit if not encumbered (e.g. by existing easement, vernal pool, wetland)		
8. Assuming Zone 11A maximum obligation of \$100,000 per acre (2004), ENR inflated to	\$ 128,354	/AC
9. Credit calculation for buffer and basin land encumbered by wetlands, requiring off-site mitigation per Corps permit, will be less zero dollars or the unit price shown less the actual off-site mitigation cost, whichever is greater		

Vineyard Springs Supplemental Drainage Fee**Zone 11W Fee and Credit Schedule****SCHEDULE W**Effective March 1,
2020**FEE SCHEDULE**

Residence on 1 acre	\$13,643	/AC
Residence on 0.5 acre	\$14,051	/AC
Residence on 0.2 acre	\$16,500	/AC
Residence on 0.12 acre	\$18,040	/AC
Residential on RD20 to RD30	\$20,034	/AC
Commercial and Parking Lots	\$22,154	/AC
Public School Campus	\$17,292	/AC
Active Park	\$0	/AC
Open Space	\$0	/AC

NOTES

Interpolate between above listed fees based on development density in same manner as Zone 11A fee

Area over which fee is applied is calculated in same manner as Zone 11A fee

CREDITS

Riparian Enhancement Landscaping (Channel) [1]	\$73	/LF
Riparian Enhancement Landscaping (Basin Perimeter) [1]	\$17	/LF
Erosion Control [2]	\$12	/LF
Lineal Water Quality Features [3]	\$6,415	/EA
Trails and Drainage Maintenance Access		
Creel Trail Crossings		
Low Flow Crossings [4]		
Temporary Weir at G46 Basin		
Truck Haul [5]		
Real Estate Acquisition [6],[7] --		
Channel Easement in Future Channel Floodplain (from/to top of bank)	\$59,425	/AC
Upland Buffer (unincumbered)	\$148,562	/AC
Water Quality Basin Land (unincumbered) [8]	\$148,562	/AC
Basin and Channel Preserve (encumbered by aerial easement)	\$59,425	/AC
Channel (encumbered by underground utility easement)	\$7,429	/AC
Basin and Channel Preserve (encumbered by underground and arial easements)	\$37,437	/AC

NOTES

1. Credit amount shall be least of amounts listed on the schedule or actual cost

2. Jute mat or equivalent (hydroseed is paid by Zone 11A)

3. Credit for fine grading and erosion work at non-trunk inline water quality as shown on landscape plan

4. Credit amount shall be least of Schedule D unit prices or amount shown on Table 1

5. Price per cubic yard if material is excavated for the benefit of Water Resources and cannot be scraper hauled to a fill site (in addition to Zone 11A, Schedule D credit amount)

6. Credit amount for land shall be the least of listed values or valuation by County Real Estate Division

7. Land value will be reduced by the cost of wetlands that are being mitigated (off-site) by this fee plan

8. Only for water quality basins serving more watershed than lands controlled by the developer receiving the credits

APPENDIX 2		
Zone 11 Credit Schedule		pg 1 of 2
Schedule D	Effective March 1, 2020	
Storm Drain Pipe [1]:		
12"	\$39.34	per lf
15"	\$43.90	per lf
18"	\$50.55	per lf
21"	\$57.57	per lf
24"	\$63.09	per lf
27"	\$73.15	per lf
30"	\$75.30	per lf
33"	\$88.44	per lf
36"	\$92.10	per lf
42"	\$126.06	per lf
48"	\$145.12	per lf
54"	\$154.09	per lf
60"	\$171.73	per lf
66"	\$218.86	per lf
72"	\$253.34	per lf
84"	\$253.34	per lf
96"	\$253.34	per lf
Manhole Size [2]:		
48"	\$3,717.57	per ea
60"	\$5,409.67	per ea
72"	\$6,675.66	per ea
84"	\$7,794.93	per ea
96"	\$9,593.76	per ea
108"	\$10,219.53	per ea
Saddle Manhole	\$4,796.88	per ea
4" thick Concrete Channel Lining	\$8.72	per sf
Fencing and Gates:		
3' high post + cable	\$13.87	per lf
Pipe gate	\$3,747.56	per ea
6' high wrought iron with gates	\$26.99	per lf
6' chain link fence with gates	\$16.34	per lf
4' chain link fence with gates	\$15.11	per lf
Signs 16sf or smaller	\$302.61	per ea
Signs >16sf	\$453.92	per ea
Miscellaneous metal (handrails, debris and access racks, and flap gates)	\$6.12	per lb

APPENDIX 2		
Zone 11 Credit Schedule		pg 2 of 2
Schedule D	Effective March 1, 2020	
Channel excavation [3]	\$4.71	per cy
Fine grading channel/basin bottom and	\$0.00	per sf
Basin excavation [3]	\$4.41	per cy
Erosion Control Riprap [4]:		
Class 1 backing rock	\$44.97	per ton
Class 2 backing rock	\$47.96	per ton
1/4 ton	\$52.47	per ton
Cobbles	\$47.96	per ton
GeoWeb - rock weir	\$46.91	per ton
Access and Maintenance Roads:		
1" thick asph conc	\$0.55	per sf
1" thick aggr base	\$0.33	per sf
1" thick Decomposed Granite	\$0.44	per sf
Geotextile fabric	\$0.24	per sf
Repair Surfaces:		
Asphalt concrete patch paving	\$10.51	per sf
Hydroseed	\$2,101.49	per acre
Miscellaneous Concrete [5]:		
Junction Box	\$1,251.68	per cy
Headwall	\$1,251.68	per cy
Stairway	\$1,251.68	per cy
Flat pad	\$749.51	per cy
Ramp	\$749.51	per cy
Driveway	\$749.51	per cy
Weir Structure	\$749.51	per cy
Notes:		
[1] Smaller pipe sizes are often used for basin outlets		
[2] Manhole unit price is complete including rim and lid		
[3] Same unit price regardless of method of transport		
[4] Riprap class is based on Caltrans Specifications		
[5] Concrete unit price includes rebar, structure excavation and backfill, sub-base material and grading		

