P WALKING PATHS (TYPICAL)

EXISTING FENCE P

P WALKING PATHS (TYPICAL)

P EXISTING V-DITCH

P WALKING PATHS (TYPICAL)

P EXISTING V-DITCH

P EXISTING CURB

P EXISTING FENCE

P EXISTING DRAIN

P WATER SUPPLY LINE

P EXISTING CURB

EXISTING V-DITCH P

SCALE 1"=30'

30 15 0 30 60 90

SCALE: 1"=30'

LEGEND

	LIMITS OF IMPROVEMENT/ VEGETATION REMOVAL	
P	PROTECT IN PLACE	
	OLIVE TREES	(1.20 AC)
	GRAPE VINES	(0.65 AC)
	POLLINATORS	(0.15 AC)
	CULINARY GARDENS	(0.76 AC)
	ADA GARDENS W/OLIVES AND VINES	(0.33 AC)
	TOTAL	(3.09 AC)

OCTOBER 19, 2022

Michael Baker INTERNATIONAL
40810 COUNTY CENTER DR., SUITE 200
TEMECULA, CA 92591
PHONE: (951) 676-8042
MBAKERINTL.COM

TEMECULA VALLEY HIGH SCHOOL (TVHS)

TVHS VITICULTURE PROJECT
SITE MAP

SHEET NO. **1** OF 3 SHTS

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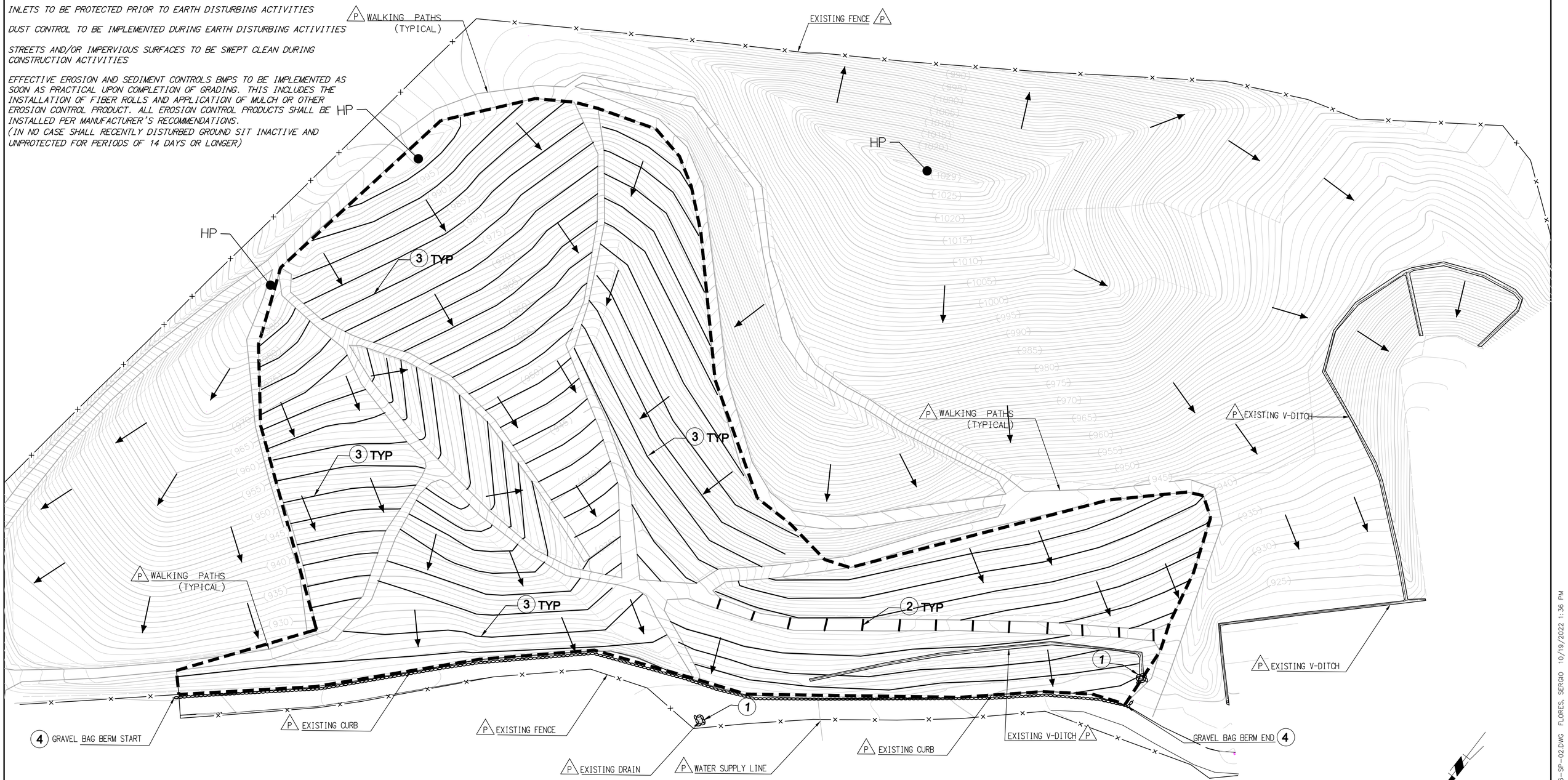
NOTES:
ALL PERIMETER CONTROL BEST MANAGEMENT PRACTICES (BMPS) TO BE IN PLACE PRIOR TO EARTH DISTURBING ACTIVITIES (I.E, GRAVEL BAG BERM)

INLETS TO BE PROTECTED PRIOR TO EARTH DISTURBING ACTIVITIES

DUST CONTROL TO BE IMPLEMENTED DURING EARTH DISTURBING ACTIVITIES

STREETS AND/OR IMPERVIOUS SURFACES TO BE SWEPT CLEAN DURING CONSTRUCTION ACTIVITIES

EFFECTIVE EROSION AND SEDIMENT CONTROLS BMPS TO BE IMPLEMENTED AS SOON AS PRACTICAL UPON COMPLETION OF GRADING. THIS INCLUDES THE INSTALLATION OF FIBER ROLLS AND APPLICATION OF MULCH OR OTHER EROSION CONTROL PRODUCT. ALL EROSION CONTROL PRODUCTS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
(IN NO CASE SHALL RECENTLY DISTURBED GROUND SIT INACTIVE AND UNPROTECTED FOR PERIODS OF 14 DAYS OR LONGER)



LEGEND

- LIMITS OF IMPROVEMENT/ VEGETATION REMOVAL 3.09 AC
- HP — HIGH POINT
- FLOW ARROWS
- GRAVEL BAG BERM (SE-6)
- STORM DRAIN INLET PROTECTION (SE-10)
- FIBER ROLLS SPACED @ 15' INTERVALS (SE-5)
- CROSS BARS
- WATER LINE

CONSTRUCTION NOTES:

1. INSTALL STORM DRAIN INLET PROTECTION PER CASQA BMP SHEET SE-10 AND DETAIL ON SHEET 3
2. INSTALL CROSS BARS PER CALIFORIA STATE PARKS FIGURE 14.31 AND DETAIL ON SHEET 3
3. INSTALL BIODEGRADABLE BURLAP FIBER ROLLS PER CASQA BMP SHEET SE-5 AND DETAIL ON SHEET 3
4. INSTALL GRAVEL BAG BERM PER CASQA BMP FACT SHEET SE-6 AND PER DETAIL ON SHEET 3

SCALE 1"=30'

30 15 0 30 60 90
SCALE: 1"=30'

OCTOBER 19, 2022

Michael Baker INTERNATIONAL
40810 COUNTY CENTER DR., SUITE 200
TEMECULA, CA 92591
PHONE: (951) 676-8042
MBAKERINTL.COM

TEMECULA VALLEY HIGH SCHOOL (TVHS)

TVHS VITICULTURE PROJECT
EROSION & SEDIMENT CONTROL

SHEET NO. 2 OF 3 SHTS

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EROSION AND SEDIMENT CONTROL NOTES

1. Filtered Runoff. All runoff shall be filtered prior to discharging from a site or to any type of private or public storm water conveyance system (natural watercourses, streets, gutters, concrete-lined v-ditches, storm drains, flow-lines, inlets, outlets, etc.). All non-permitted discharges are prohibited from entering any storm water conveyance system year-round.

2. Best Management Practices (BMP's). Year-round, pollution prevention measures, also known as Best Management Practices (BMP's), must be installed prior to any field activities. BMP handbooks can be downloaded at http://www.dot.ca.gov/hq/construc/stormwater/manuals.htm. Additional erosion and sediment control (ESC) measures must be installed and maintained prior to and throughout each rainy season. The developer/contractor is responsible for ESC measures throughout the duration of the project for all clearing, disking, grading, excavating and stockpiling activities, and on all exposed slopes and inactive pads throughout the entire site. The developer/contractor is also responsible for any discharges from subcontractors.

a. Stockpiling of BMPs. Additional ESC materials shall be stockpiled at various locations throughout the site for immediate use within seven days prior to any forecast rain. On emergency situations, the developer/contractor shall immediately make equipment and workers available to protect the site.

3. Erosion and Sediment Controls. All ESC measures shall be inspected, restored, repaired or modified yearround throughout the site to protect perimeters, adjacent properties, environmentally sensitive areas and all private/public storm water conveyance systems. If any erosion or sediment controls fail during any rain event, more effective ones will be required in their place.

a. Erosion Controls. Erosion controls shall include, but are not limited to applying and establishing: vegetative cover, wood mulch, stapled or pinned blankets (straw, coconut or other), plastic sheeting (minimum 10-mil), polypropylene mats, spray-on controls to all disturbed areas or other measures approved by the City Engineer. Jute netting shall not be used as a stand-alone erosion control. For slopes greater than 4:1, provide fiber rolls and either a bonded fiber matrix product applied to a rate of 3500 lb/acre or a stabilized fiber matrix product applied to a rate of 10 gal/acre. The City Engineer may approve different application rates for slopes less than 4:1.

b. Sediment Controls. Sediment controls shall include, but are not limited to: desilting basins, graded berms, fiber rolls, silt fences, gravel bag chevrons (filled with minimum ¾"gravel), check dams, drainage inlet protection, etc. Fiber rolls shall be installed in 15-foot increments measured along the face of the slope. Silt fence shall be installed along interior streets and combined with gravel-bag or silt fence chevrons inside the sidewalk right-of-way or back of curbs.

4. Perimeter Protection. Perimeter protection must be installed prior to any clearing activities. Clearing shall be limited to areas that will be immediately graded or disturbed. A combination of ESC measures shall be implemented in areas that have been cleared. All disturbed areas of an inactive site, as described in the Engineering and Construction Manual, shall also be protected.

5. Construction Access Points. Construction access points shall be stabilized with a combination of rock and shaker plates year-round to prevent track-out. Interior access points (all proposed driveways, material storage and staging area entrances/exits, etc.) shall also be protected with rock to prevent track-out onto interior streets. Routine street sweeping shall be performed on all paved streets where tracking is observed. Vacuum sweepers shall be used when street sweeping becomes ineffective. Controlled street washing shall only be allowed prior to the application of asphalt seal coats, and only when all pertinent drainage inlets are protected.

6. Material Storage. Material storage and staging areas shall be established. Fuel tanks, portable toilets, liquids, gels, powders, landscape materials and stockpiles of soil shall be stored away from all private/public storm water conveyance systems, sidewalks, right-of-ways and flow-lines and shall have secondary containment. Inactive stockpiles of soil shall be covered at all times. Active stockpiles shall be covered prior to a forecast rain.

7. Construction Waste. Construction waste and miscellaneous debris shall be placed in water-tight bins. Wire mesh receptacles shall not be allowed. Wash-out stations shall be provided for concrete, paints, stucco and other liquid waste, and shall be lined with plastic and located away from public right-of-ways, flow lines, etc. Prior to any forecast rain, bins and wash-outs shall be covered with lids or plastic tarps.

8. Slope Protection. Storm water runoff shall not be directed over slopes without permanent down drains installed. ESC measures are required on all exposed slopes until sufficient/permanent landscape is established. There shall be 100% slope protection in place prior to issuance of certificate of occupancy.

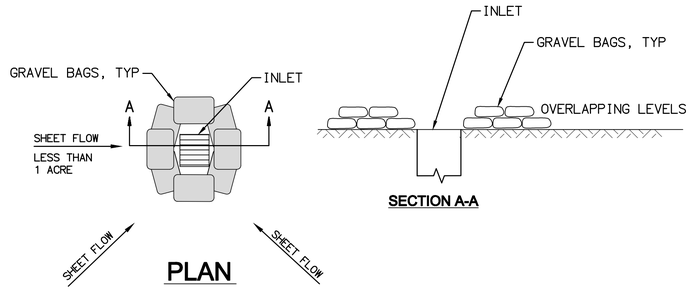
9. Portable Mixers. All portable mixers shall have plastic liners underneath them with gravel-bags placed on the down-hill side of the liners to contain discharges.

10. Maintenance. All onsite and offsite flow lines (i.e., v- and brow-ditches, terrace drains, ribbon gutters, curb gutters, etc.), storm water conveyance systems, check dams, chevrons, silt fences and desilting basins shall be free of sediment, construction materials, waste, miscellaneous debris and deteriorated ESC measures yearround.

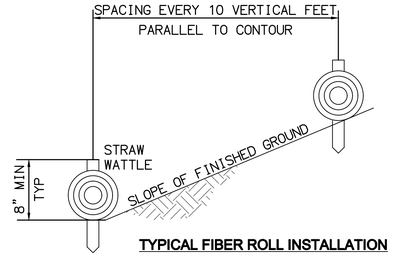
11. Obstructions. No obstructions, other than BMP's, shall be allowed within any storm water conveyance system, unless alternative drainage facilities have been approved by the City Engineer.

12. Other Construction Notes. Refer to separate notes for "general,""grading"and "paving"requirements.

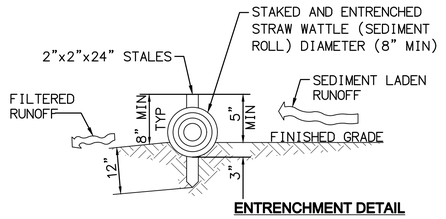
13. Other Pertinent Information. Refer to the City of Temecula Municipal Code, Title 18, Chapter 18.18 "Erosion and Sediment Control



1 INLET PROTECTION

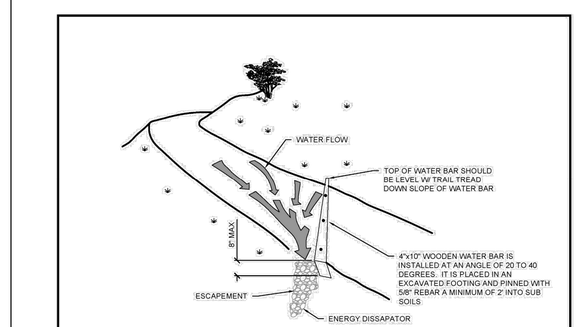


TYPICAL FIBER ROLL INSTALLATION



ENTRENCHMENT DETAIL

3 FIBER ROLL



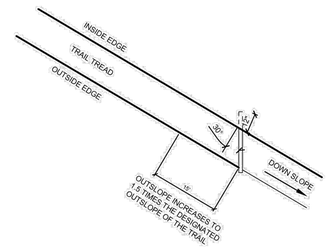
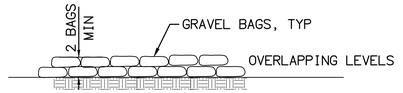


Figure 14.31 - Water Bars

WATER BARS
CALIFORNIA STATE PARKS
NOT TO SCALE

14-70

2



TYPICAL SECTION

GRAVEL BAG SPACING TABLE	
STREET GRADE	LENGTH
<4%	200' MAX
4% TO 9%	100' MAX
>9%	50' MAX

4 GRAVEL BAG PLACEMENT DETAIL (2 BAGS)

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NOTES & DETAILS

SHEET NO. 3 OF 3 SHTS