

TRAIL TYPES

Based on the *Preserve Trail Guidelines* and *County Trails Master Plan Guidelines*

There are 3 primary trail types:

- Suburban
- Rural
- Primitive/Preserve

In Sycamore Canyon Goodan Ranch Preserve there are:

- Maintenance Roads (no public access),
- Access Roads, (that also provide trail access & connectivity),
- Suburban width trails,
- Many Rural Trails, and
- Future Primitive/Preserve Trails.

All new proposed trails are intended to be primitive/preserve trails, unless they are:

- re-routes to an existing trail
- existing access roads, or
- a short connector between wide and narrow trails..

Preserve Trail Goals:

1. Minimal environmental impacts
2. Ensure sustainability to minimize maintenance
3. Provide high quality user experiences

Sustainability is the ability of the travel surface to support current and anticipated appropriate uses with minimal impact to the adjoining natural systems and cultural resources. Sustainable trails have negligible soil loss or movement and allow the naturally occurring plant systems to inhabit the area while allowing for the occasional pruning and removal of plants as necessary to build and maintain the trail. If well-designed, built, and maintained, a sustainable trail minimizes braiding, seasonal muddiness, and erosion

-National Park Service

TYPE C – PRIMITIVE TRAIL

Trail type intended for medium to low volume of use generally associated within a primitive or wilderness setting. They have the smallest trail tread and are intended to function as low impact, remote recreational experiences, and connector trails. Steep terrain and remote wilderness areas dictate that accessibility is limited and may not be suitable for all persons or user groups.

Legend:

1. Natural Surface Material
2. 3% - 8% Cross Slope
3. 2' Minimum Trail Tread Width
4. 1' - 2' Horizontal Clearing
5. 12' Vertical Clearance
6. 5' - 6' Trail Corridor

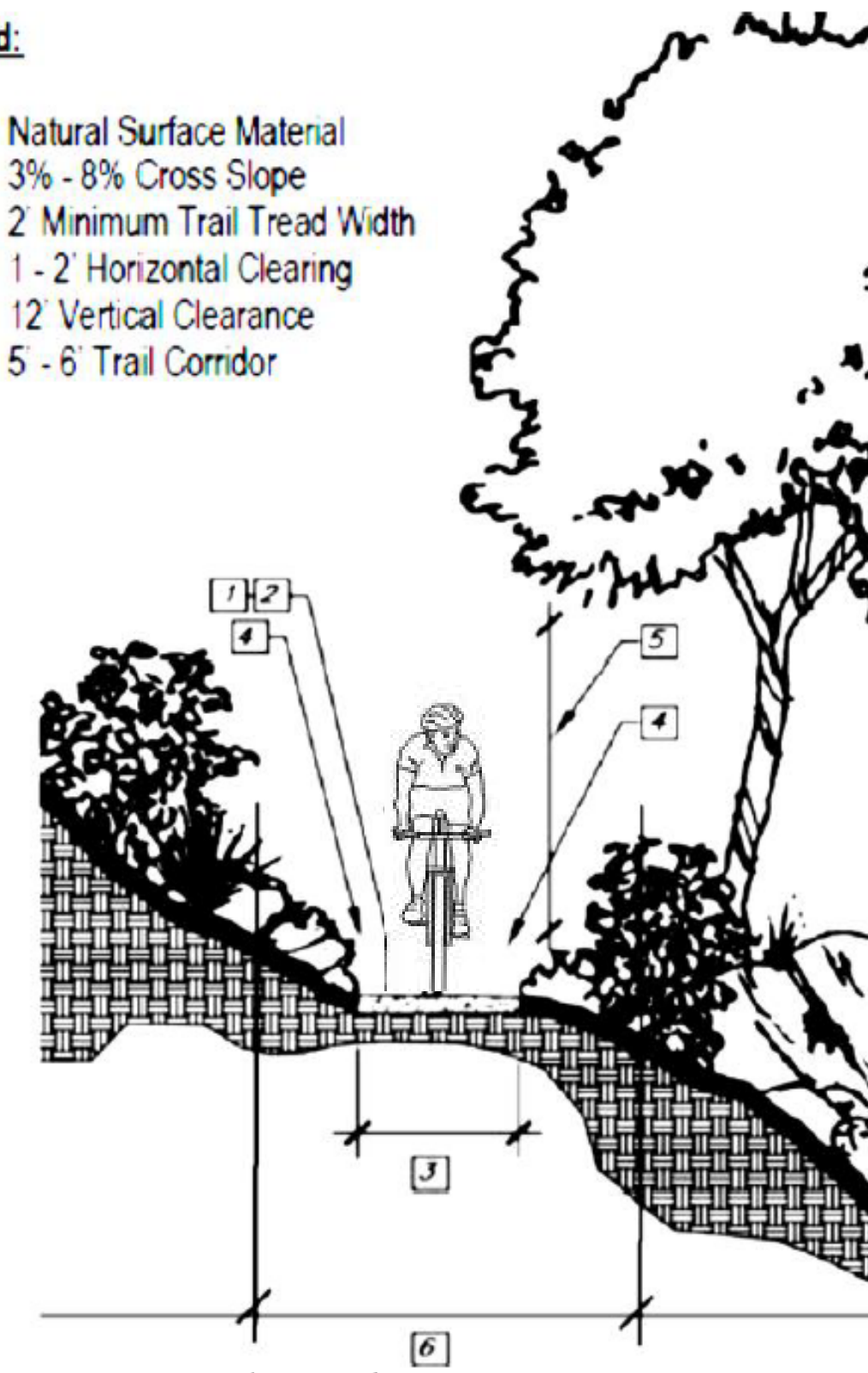


Figure 9. Preserve Trail Corridor

RECOMMENDED SURFACE MATERIAL: SUITABLE NATIVE SOIL
RECOMMENDED GRADE: 0-8%, up to 20% allowable depending on topography and environmental constraints*

Grade Criteria for Preserve Trails:

- 0-8% ideal
- 10% or less for distances over 200 feet
- 15% or less for distances under 200 feet
- 20% or less for distances under 100 feet
- >20% for short distances under 50 feet

Examples :

- Proposed Airplane Trail (4A, 4B, 2A, 2B),
 - Proposed Northern Loop Trails,
- Proposed Northern Trail Connector (1A, 1B)



Existing Condition: Eastern Sycamore Canyon
2-4 foot tread width would be maintained
Grade ranges from 5-20% along trail

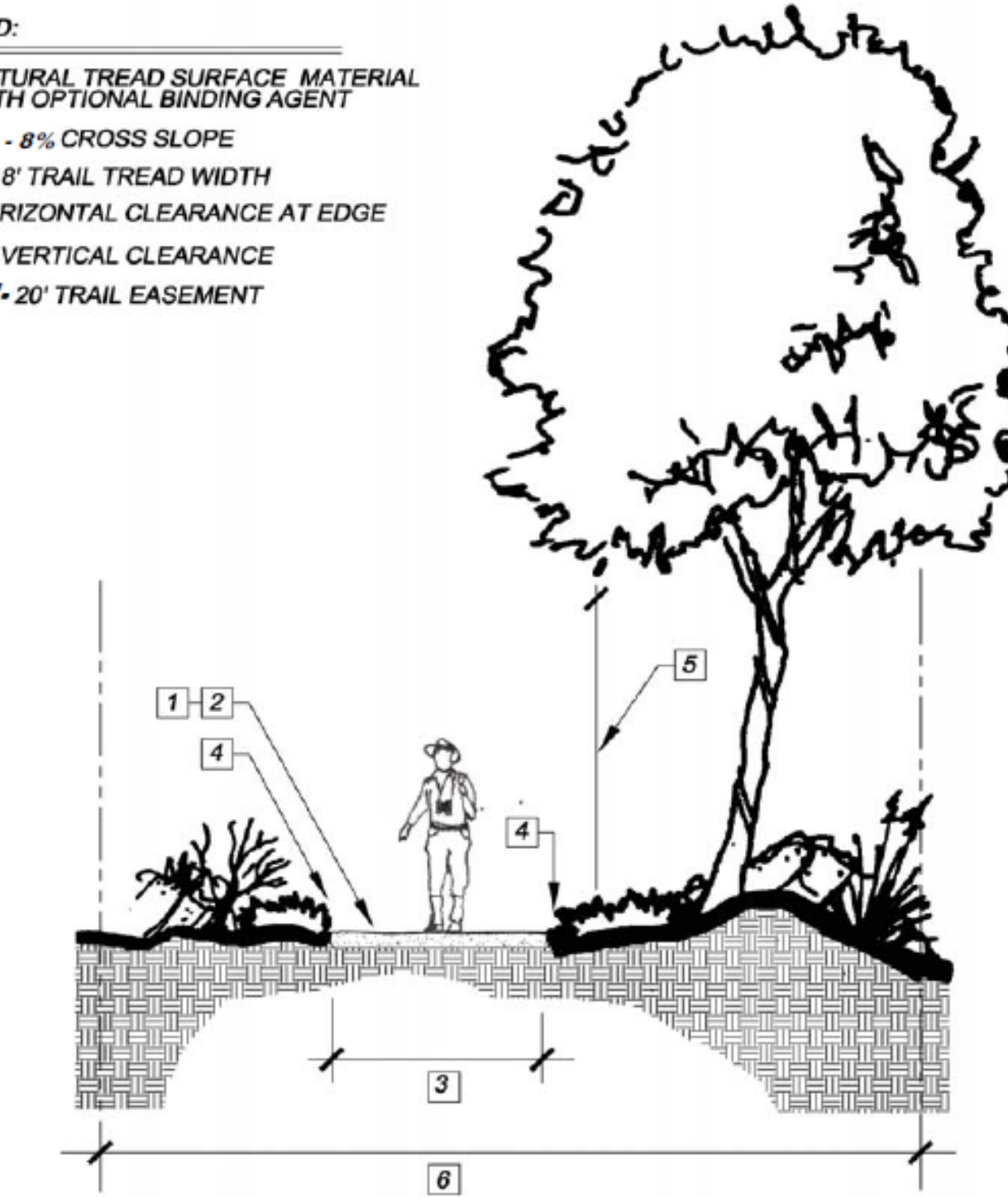


TYPE B – RURAL TRAIL

Trail type intended for medium volume of use generally associated within a rural setting. These trails are intended to function as recreation and transportation facilities. Although accessible to all trail users, some uses may not be practical in steep terrain.

LEGEND:

1. NATURAL TREAD SURFACE MATERIAL WITH OPTIONAL BINDING AGENT
2. 5% - 8% CROSS SLOPE
3. 6' - 8' TRAIL TREAD WIDTH
4. HORIZONTAL CLEARANCE AT EDGE
5. 12' VERTICAL CLEARANCE
6. 19' - 20' TRAIL EASEMENT



Notes:

1. "Optimum" The best or most favorable condition for a particular trail situation from the perspective of responsible management.
2. See Trail Matrix Guidelines for "Optimum" guidelines and descriptions.

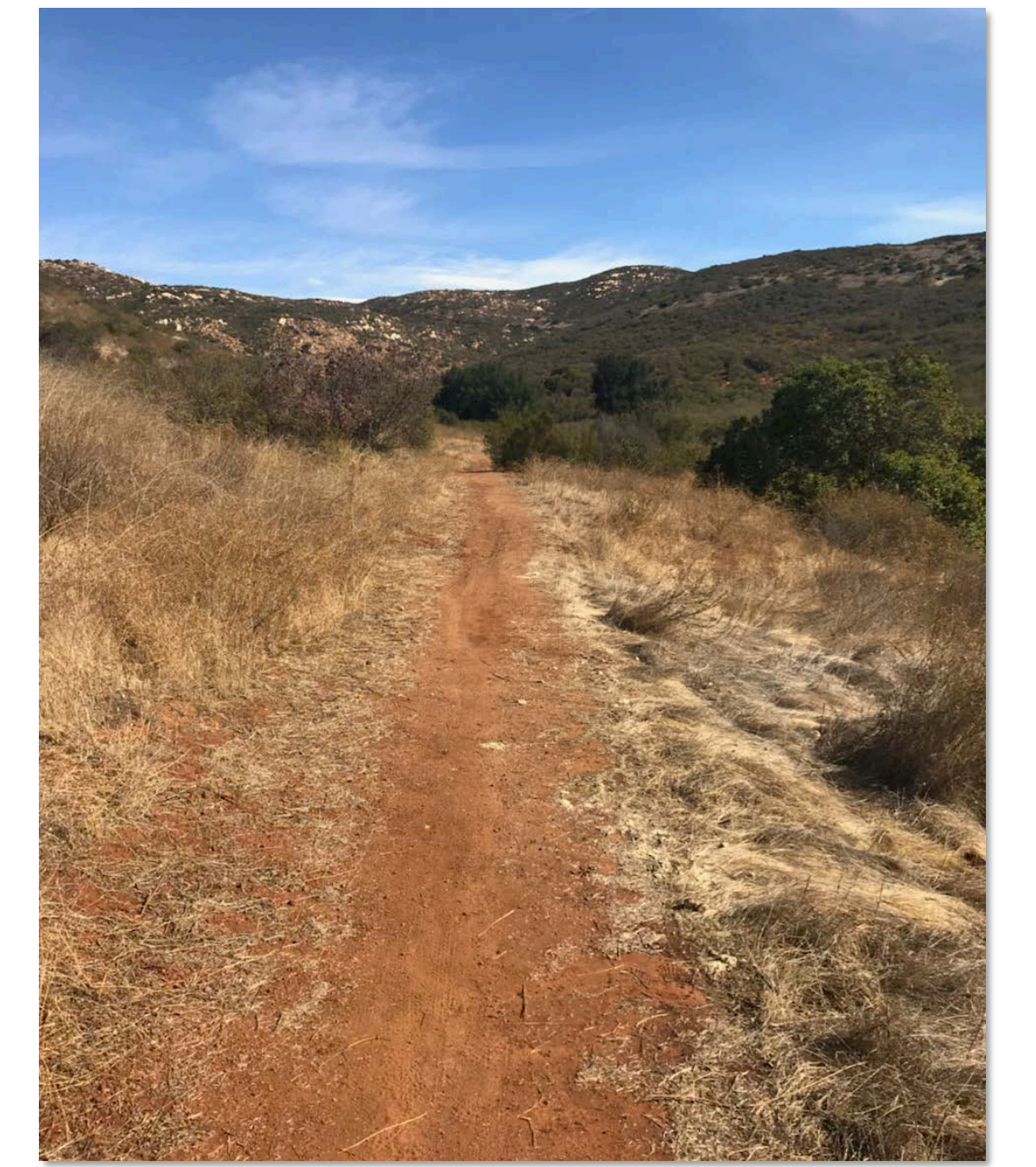
FIGURE DG-2

COUNTY OF SAN DIEGO
COMMUNITY TRAILS MASTER PLAN

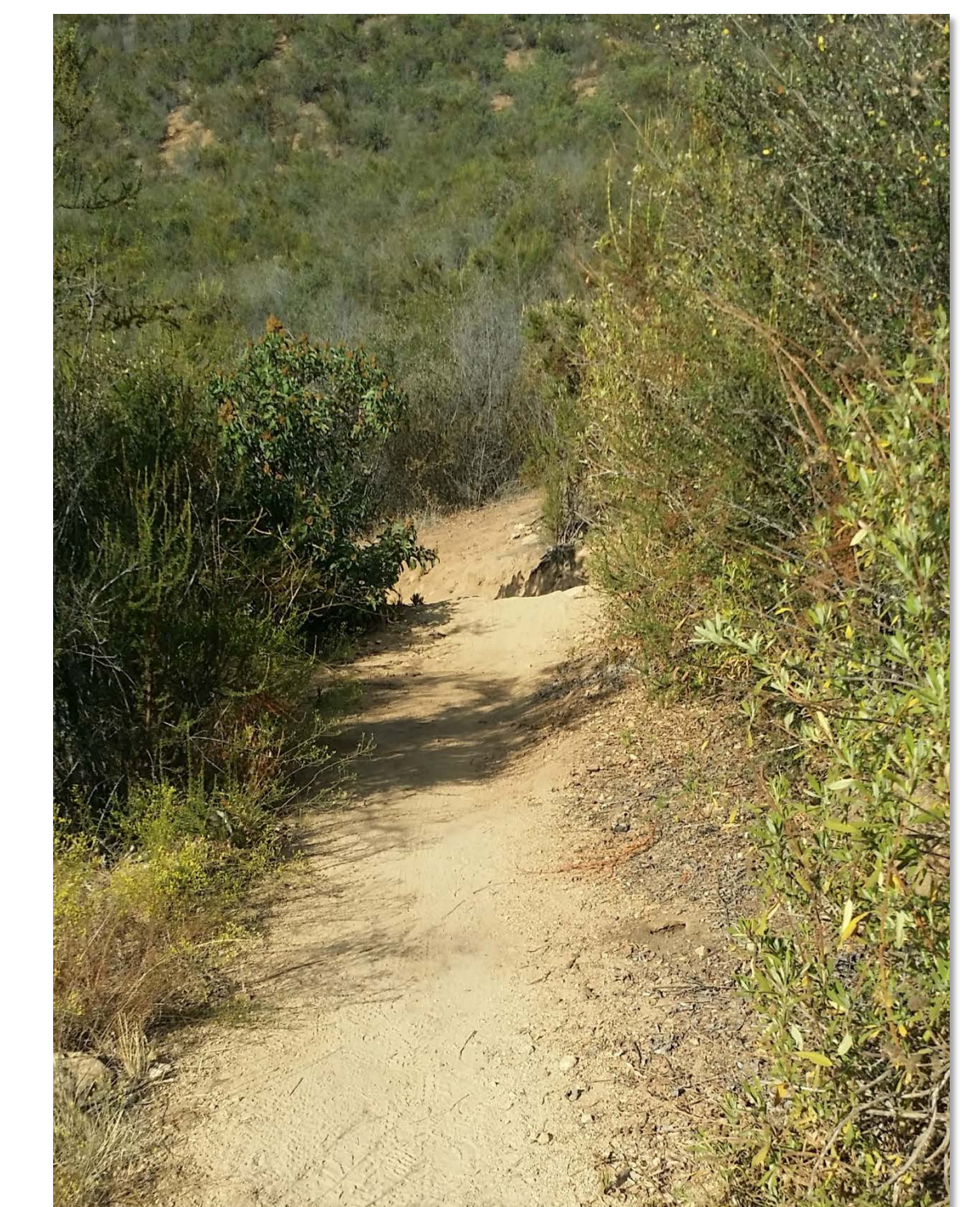
RECOMMENDED SURFACE MATERIAL: DG/BINDING AGENT
OR SUITABLE NATIVE SOIL
RECOMMENDED GRADE: <15%

Examples Include:

- Martha's Grove Trail
- Lower Martha's Grove Trail
- West Boundary Trail



Existing Condition: Lower Martha's Grove Trail (above),
Martha's Grove Trail (below)
4 foot tread width would be maintained
Grade ranges from 0-15% along trail

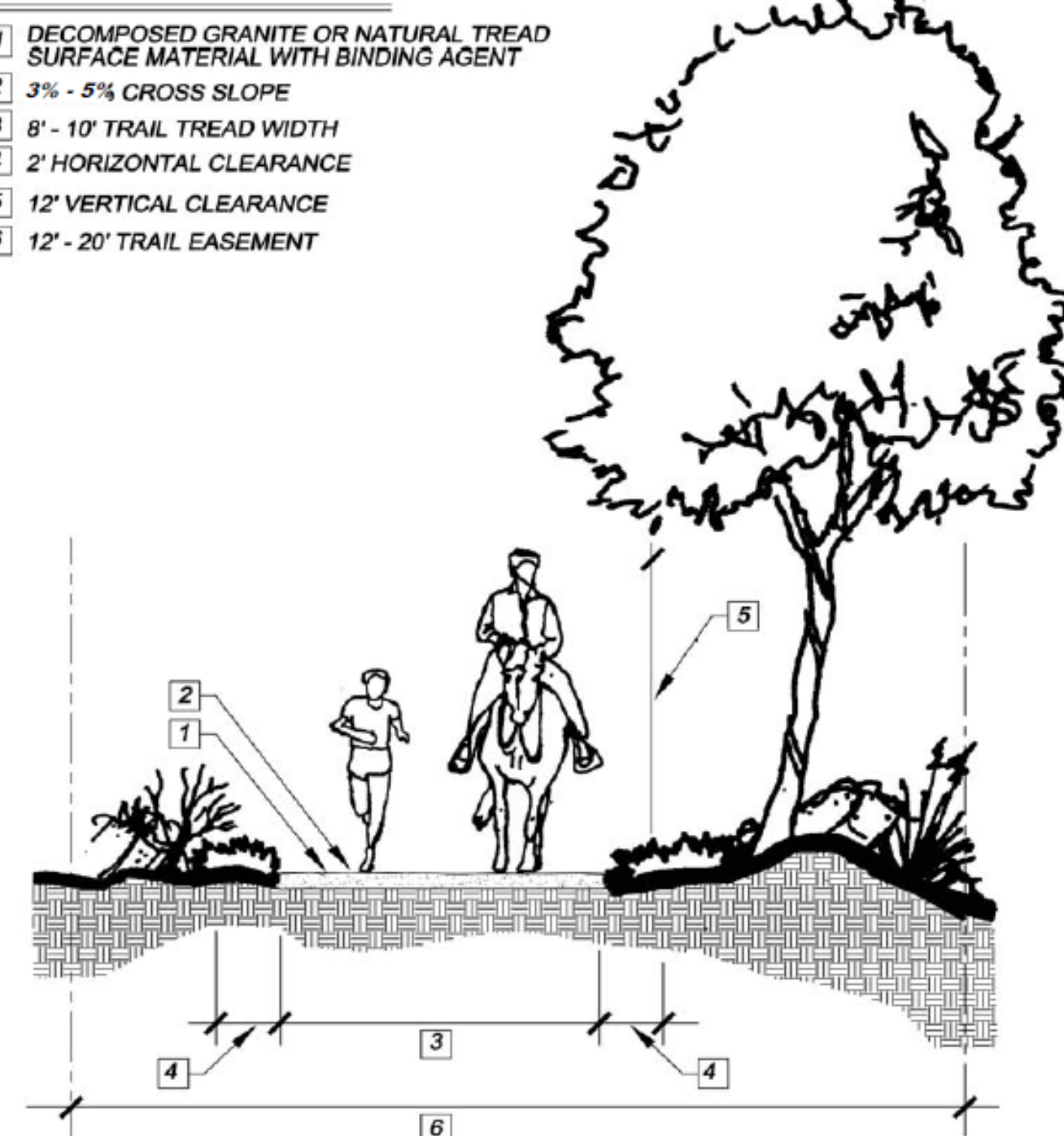


TYPE A – URBAN / SUBURBAN TRAIL

Trail type intended for an intense volume of use generally associated within an urban/suburban setting. These trails provide the widest tread so they may function as both recreation and transportation facilities and will be accessible to all trail users.

LEGEND:

1. DECOMPOSED GRANITE OR NATURAL TREAD SURFACE MATERIAL WITH BINDING AGENT
2. 3% - 5% CROSS SLOPE
3. 8' - 10' TRAIL TREAD WIDTH
4. 2' HORIZONTAL CLEARANCE
5. 12' VERTICAL CLEARANCE
6. 12' - 20' TRAIL EASEMENT



Notes:

1. "OPTIMUM" The best or most favorable condition for a particular trail situation from the perspective of responsible management.
2. See Trail Matrix Guidelines for "Optimum" guidelines and descriptions.

FIGURE DG-1

COUNTY OF SAN DIEGO
COMMUNITY TRAILS MASTER PLAN

RECOMMENDED SURFACE MATERIAL: DG/BINDING AGENT
RECOMMENDED GRADE: <10%

Examples Include:

- Southern Slaughterhouse Canyon Trail (southern segment)



Existing Condition: Sycamore Canyon Road (below)
10-12 foot tread would be maintained, serves as a shared multi-use trail and maintenance access road



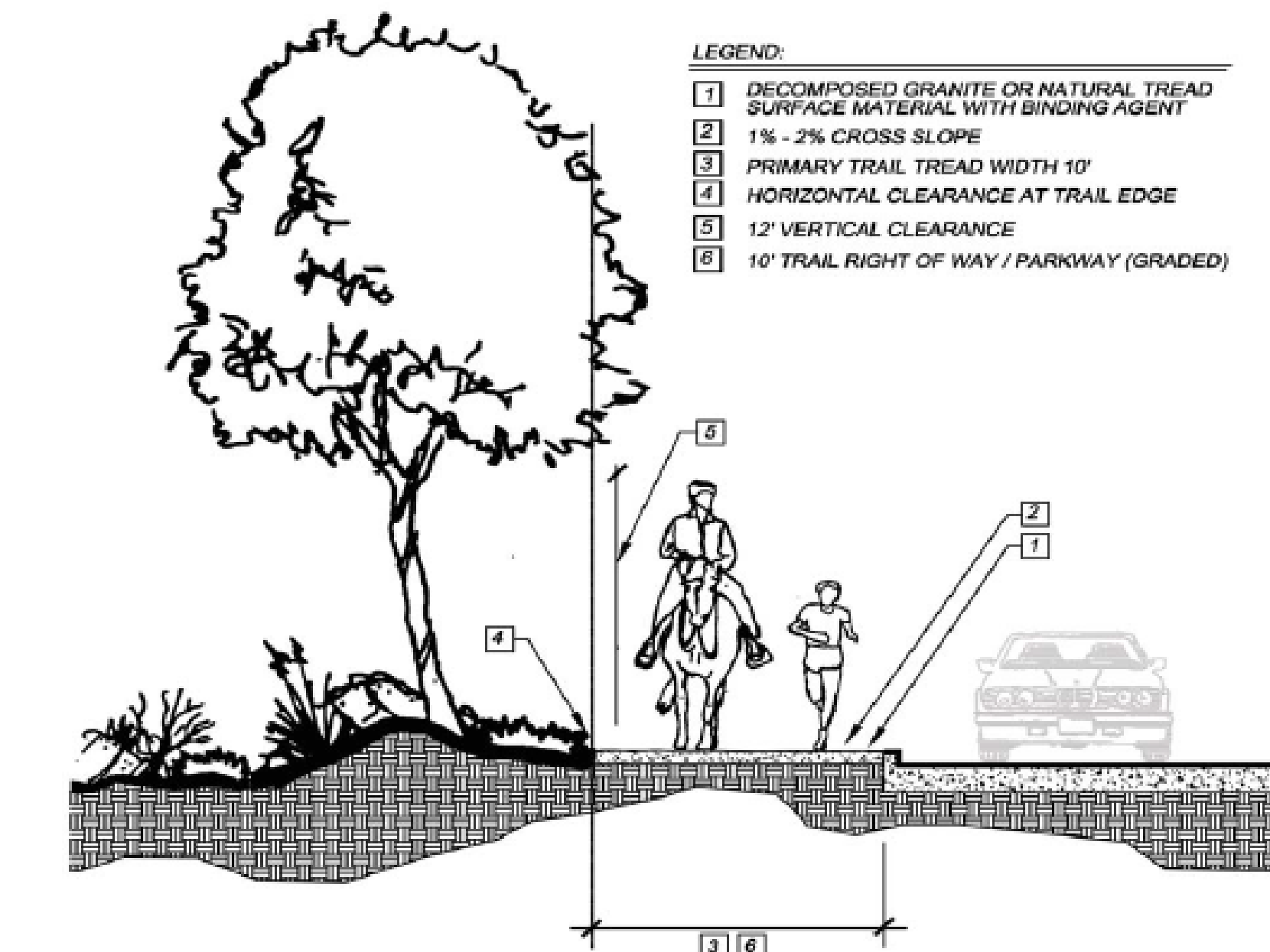
TYPE D – PATHWAY (TYPICAL)

EXISTING CONDITIONS

A specific type of trail called a "pathway" intended for a high volume of use located within a public road right-of-way. These trails are generally intended for transportation purposes including bike, hike, pedestrian and equestrian use, although they may be utilized for establishing trail connections and recreational experience in areas with trail Type A-C constraints. Grade and accessibility will be established by the grade of the right of way. This restriction may impede the ability to provide accessibility to pedestrian traffic within the industry standards.

LEGEND:

1. DECOMPOSED GRANITE OR NATURAL TREAD SURFACE MATERIAL WITH BINDING AGENT
2. 1% - 2% CROSS SLOPE
3. PRIMARY TRAIL TREAD WIDTH 10'
4. HORIZONTAL CLEARANCE AT TRAIL EDGE
5. 12' VERTICAL CLEARANCE
6. 10' TRAIL RIGHT OF WAY / PARKWAY (GRADED)



Notes:

1. Typically pathways are located on one side of a street. Utilities are encouraged to be placed on the opposite side of that street.
2. Ten foot wide D.G. pathways are constructed in lieu of sidewalks.
3. See Trail Matrix Guidelines for "Optimum" guidelines and descriptions.

FIGURE DG-4

COUNTY OF SAN DIEGO
COMMUNITY TRAILS MASTER PLAN

RECOMMENDED SURFACE MATERIAL: DG/BINDING AGENT
RECOMMENDED GRADE: <15%

Examples Include:

- Southern Slaughterhouse Canyon Trail (northern segment)
- Sycamore Park Drive
- Cardiac Hill



Existing Condition: Slaughterhouse Canyon Trail (CWA Access Road segment)
10-12 foot tread would be maintained, serves as a shared multi-use trail and maintenance access road