

DIVISION 32 – EXTERIOR IMPROVEMENTS**BASES, BALLASTS, AND PAVING****32 10 00**

Roadway and parking pavement sections are to be designed by a licensed Geotechnical Engineer pursuant to the Traffic Index associated to the roadway or parking lot, in accordance with Caltrans Highway Design Manual, latest edition, for a 20-year life. Materials and installation shall conform to the Caltrans Standard Specifications and Plans, latest edition, unless otherwise required by the University's Representative. Traffic signs and pavement markings shall conform to California's September 26, 2006 adoption of the Federal Highway Administration (FHWA) Manual on Uniform Traffic Control Devices (MUTCD).

AGGREGATE SURFACING**32 15 00****PRODUCTS**

Decomposed granite, size 1/4 inch minus, color gold/brown.

Header

Steel header size 3/16 inches thick by 4 inch deep. Black or green color. Stake supplied by header manufacturer. Manufacturer JD Russell Co, Joseph T. Ryerson & Son, Inc., or equal. Stakes shall be a minimum of 14 inches long or longer as required for solid anchorage.

Base

Aggregate base, class II.

Stabilizer

Non-toxic, organic binder that is a colorless and odorless concentrated powder that binds decomposed granite together to produce a firm surface from Stabilizer Solutions, or equal.

EXECUTION**Headers**

Provide headers at perimeter and at trees planted inside decomposed granite paving.

Placement

Equipment for mixing shall be batch type, using revolving blades or rotary drum. Install pre-mixed stabilized decomposed granite onto prepared sub-base in a single 3 inch lift. Compact to a minimum 95%. Compact each area with at least 4 passes of compacting equipment. After compacting, screen smooth.

Tree Pockets

Provide three feet square header-edged tree pocket in decomposed granite, with stakes on tree pocket side of header. After tree planting has been accepted by University's Representative, fill with decomposed granite and screed level. Do not compact or add stabilizer within three feet square tree pocket.

PLANTING IRRIGATION

32 84 00

The Campus has developed a standard specification for Planting Irrigation. The specification shall be modified by the Design Professional to meet project requirements. An electronic copy (PDF) is available on our web page under Part IV Standard Specifications, Technical Specs. Contact the University Representative for additional information.

PLANTING

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