Case Study 1: Fremont Commercial Redevelopment (Credit: Geosyntec Consultants)

- Location: 41093 Fremont Blvd, Fremont, CA 94538
- Information Related to Special Project Status:
    - Redevelopment Neighborhood Commercial Infill Project--Commercial Land Use. Note: this is not a designated pedestrian-oriented area
    - NOT located within 0.5 miles radius of transit hub, nor within a Priority Development Area
    - Surface parking for general customers proposed onsite
    - Floor to Area Ratio (FAR) = 1:1
    - Sum of Impervious Surface Area created and replaced by project = 0.32 ac (13,900 sq.ft.)
- Soil Saturated Hydraulic Conductivity (Ksat) rate is in the 0.3 to 0.4 range.
- No recycled water use.
- Area of project and breakdown of impervious and pervious areas:
    - Total Project Area (Impervious and Pervious areas): 0.36 acres (15,700 s.f.)
    - Pre-project Impervious Surface = 0.18 acres (7,800 sq. ft.)
    - Replaced Impervious Surface Area: 0.18 acres (7,800 s.f.)
    - New Impervious Surface Area to be created: 0.14 acres (6,100 s.f.)
    - Sum of Impervious Surface Area created and replaced by project = 0.32 ac (13,900 sq.ft.)
    - Post-project Landscaping: 0.04 ac (1,800 s.f.)
    - Area of existing Impervious Surface that will NOT be replaced by project: 0 ac. (0 sq. ft.)
- Interior floor area: 6,000 sq.ft. (18,750 sq.ft. of interior floor area per impervious acre)

- Additional Info for Rainwater Harvesting and Use Form:
    - Self-treating area: 0.04 acre (1,800 sq. ft.)
    - Self-retaining area: none
    - Area contributing to self-retaining area: none
    - Applicable Rain Gauge Area: Palo Alto

Case Study 2: Palomar Oaks Subdivision, Unincorporated San Mateo County (Credit: Geosyntec Consultants)

- Information Related to Special Project Status:
    - NOT located in a designated pedestrian-oriented area
    - NOT located within 0.5 miles radius of transit hub, nor within a Priority Development Area
    - Dwelling units per acre of the site = 1.6
    - Sum of Impervious Surface Area created and replaced by project = 2.6 acres
- Soil Saturated Hydraulic Conductivity (Ksat) rate < 1.6 inches/hour.
- No recycled water use.
- Area of project and breakdown of impervious and pervious areas:
    - Total Project Area (Impervious and Pervious areas): 7.5 acres (326,700 s.f.)
    - Pre-project Impervious Surface = 0 acres (0 sq. ft.)
    - Replaced Impervious Surface Area: 0 acres (0 s.f.)
    - New Impervious Surface Area to be created: 2.6 acres (113,256 s.f.)
    - Sum of Impervious Surface Area created and replaced by project = 2.6 acres (113,256 s.f.)
    - Post-project Landscaping: 4.9 ac (213,444 s.f.)
    - Area of existing Impervious Surface that will NOT be replaced by project: 0 ac. (0 sq. ft.)
- Total number of dwelling units proposed: 12
- Dwelling units per impervious acre = 4.6