Conditional Use Permit
for
Service Station and Convenience Store
10 Grant Line Road, Livermore, California
APN: 009B-7700-012-02

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Location Map

Team
- Owner: Global Petroleum
  - 175 Catalina Drive
  - Livermore, CA 94550
  - (209) 321-4134
- Architect: Lee-Jagoe Architecture, Inc.
  - 2391 West March Lane, Suite B200
  - Stockton, CA 95207
  - (209) 937-9234
- Landscape Design: Pennino Design Group
  - 168 W. Kettleman Lane, Suite 200
  - Lodi, CA 95242
  - (209) 327-4261
- Civil Engineer: Nathstar Engineering
  - 620 12th Street
  - Modesto, CA 95354
  - (209) 534-3625

Service Station and Convenience Store
10 Grant Line Road
Livermore, California

Global Petroleum
Service Station and Convenience Store
10 Grant Line Road
Livermore, California
Global Petroleum
EXISTING RIGHT-OF-WAY
EXISTING PROPERTY LINE
EXISTING RIGHT-OF-WAY
EXISTING RIGHT-OF-WAY
EXISTING STORM DRAIN EASEMENT
EXISTING 10' STORM DRAIN EASEMENT

LEGEND

DMA AREA ID
IMPERVIOUSNESS (%)
TRIBUTARY AREA (ACRES)
DRAINAGE MANAGEMENT AREA (DMA)
BOUNDARY
ROOF AREA (INCLUDING PITCHES AND TERMINAL DOWNSPOUTS)
IMPERVIOUS ASPHALT/CONCRETE AREA
LANDSCAPE AREAS
SMM WITH #
SD ON-SITE COLLECTION SYSTEM
GRADE BREAK
PROPOSED CONTOURS
SURFACE FLOW LINES
PERFORATED PIPE
ENERGY DISSIPATION (SPLASH BLOCKS, RIP RAP)
PROPOSED TREE
LID (OR SELF-RETAINING) WITH 3:1 SIDE SLOPES
LID WITH WALLS
PERVIOUS LANDSCAPING

PLOTTED: 10/03/2022 10:54     PLOTTED BY: Cwalker
DWGNAME: F:\22-3086 Grant Line Road Chevron\Planning\Plans\C6.1 CVR.dwg

STORM WATER MANAGEMENT PLAN
PRELIMINARY CIVIL IMPROVEMENT PLANS FOR
ALAMEDA COUNTY, GRANT LINE ROAD CHEVRON
PRELIMINARY: NOT FOR CONSTRUCTION

CALIFORNIA JOB #: 22-3086
DATE: 10/03/2022
SCALE: 1" = 20' 10" 20'
DRAWN: 2002
DESIGN: 2002
CHK'D: 2002

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STORM WATER MANAGEMENT PLAN
DETAILS AND CROSS SECTIONS AS SHOWN
APPROVED SHEET NUMBER
DATE DESCRIPTIONS
REVISIONS
NO.

ALAMEDA COUNTY, GRANT LINE ROAD CHEVRON
PRELIMINARY CIVIL IMPROVEMENT PLANS FOR

NOTES:
1. SOIL AND GRAVEL SPECIFICATION PER GUIDEBOOK.
2. CONTRACTOR SHALL INDEPENDENTLY OBTAIN TEST RESULTS FROM THE SUPPLIER AND REVIEW THE RESULTS FOR COMPLIANCE WITH THE GUIDELINES.
3. NATIVE SOIL, NO COMPACTION, RIP TO LOOSEN.
4. SOIL MIX (60% SAND. 40% COMPOST) PER GUIDELINES

SOIL MIX
9" 3:1

BIO-RETENTION DETAIL

NOTES:
1. SOIL AND GRAVEL SPECIFICATION PER GUIDEBOOK.
2. CONTRACTOR SHALL INDEPENDENTLY OBTAIN TEST RESULTS FROM THE SUPPLIER AND REVIEW THE RESULTS FOR COMPLIANCE WITH THE GUIDELINES.
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Table 1 - Drainage Management Areas (DMAs) & Receiving Landscape Based Management Measures

<table>
<thead>
<tr>
<th>DMA#</th>
<th>Impervious ft²</th>
<th>Landscape / Pervious ft²</th>
<th>Factored Impervious Area ft²*</th>
<th>Minimum Surface of Treatment Measure ft²</th>
<th>Proposed Surface of Treatment Measure ft²</th>
<th>Proposed Sizing Ratio</th>
<th>Proposed Sizing Methodology**</th>
<th>Corresponding Detail(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1,296</td>
<td>293</td>
<td>1,326</td>
<td>530</td>
<td>601</td>
<td>4.53%</td>
<td>4%</td>
<td>96' length, 8' width, 6&quot; depth Bioretention (lined)</td>
</tr>
<tr>
<td>2</td>
<td>3,995</td>
<td>1,260</td>
<td>4,121</td>
<td>165</td>
<td>271</td>
<td>6.58%</td>
<td>4%</td>
<td>20' length, 13.5' width, 6&quot; depth Bioretention (lined)</td>
</tr>
<tr>
<td>3</td>
<td>12,638</td>
<td>3,500</td>
<td>12,988</td>
<td>520</td>
<td>689</td>
<td>5.30%</td>
<td>4%</td>
<td>81' length, 8' width, 6&quot; depth Bioretention (lined)</td>
</tr>
<tr>
<td>4</td>
<td>6,076</td>
<td>0</td>
<td>6,076</td>
<td>243</td>
<td>267</td>
<td>4.39%</td>
<td>4%</td>
<td>length and width varies, 6&quot; depth Bioretention (lined)</td>
</tr>
<tr>
<td>TOTAL</td>
<td>35,675</td>
<td>7,699</td>
<td>36,445</td>
<td>1,458</td>
<td>1,828</td>
<td>**</td>
<td>**</td>
<td>**</td>
</tr>
</tbody>
</table>

* Impervious area + 0.1xLandscape/Pervious area
** 4% = C.3.d.i.2; Volume = C.3.d.i.1; Combo = C.3.d.i.3; 2:1 for self-retaining
*** Account for void space in materials if applicable (e.g. pervious pavement)
**** Select from following management measure types:
- Bioretention Area/Flow-Through Planter
- Infiltration Facility
- Self-Retaining
- Pervious Landscaping
- Tree Well Filter

STORM WATER MANAGEMENT PLAN
DETAILS AND CROSS SECTIONS AS SHOWN
APPROVED SHEET NUMBER
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NO.
Service Station and Convenience Store
10 Grant Line Road
Livermore, California

Global Petroleum
Sheet A.12
Building Roof Plan

Service Station and Convenience Store
10 Grant Line Road
Livermore, California

Global Petroleum

Scale: 3/16" = 1'-0"
October 18, 2022
5,812.5 sq. ft.
Sheet A.4
Conceptual Auto Canopy

Service Station and Convenience Store
10 Grant Line Road
Livermore, California

Global Petroleum

Scale: 3/16"=1'-0"
October 18, 2022
Sheet A.2
Conceptual Elevations

Scale: 3"/16" = 1'-0"
September 23, 2022

Service Station and Convenience Store
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Livermore, California

Global Petroleum
Sheet A.3
Conceptual Auto Canopy
Scale: 3"=1'-0"
September 23, 2022

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