PROPOSED GARAGE

PROPOSED SINGLE FAMILY RESIDENCE

SLOPE DRIVEWAY 2% TO ADJACENT VEGETATED AREA

PROVIDE AN ENERGY DISSIPATOR FOR CONCENTRATED RUNOFF WHEN NECESSARY

BASELINE BMPs FOR POLLUTANT-GENERATING SOURCES

SC-A
OVERHEAD COVERING

SC-B
SEPARATION OF FLOWS FROM ADJACENT AREAS

SC-C
WIND PROTECTION

SC-D
SANITARY SEWER

SC-E
CONTAINMENT SYSTEM

POTENTIAL RUNOFF POLLUTANTS:

A
TRASH & REFUSE STORAGE

B
MATERIALS & EQUIPMENT STORAGE

C
LOADING & UNLOADING

D
FUELING

MAINTENANCE & REPAIR

F
VEHICLE & EQUIPMENT CLEANING

G
OTHER

BASELINE BMPs FOR EXISTING AND PROPOSED SITE FEATURES

SD-B
DIRECT RUNOFF TO PERVEROUS AREAS

SD-C
INSTALL GREEN ROOF

SD-E
INSTALL RAIN BARRELS

SD-G
CONSERVE NATURAL FEATURES

SD-H
PROVIDE BUFFERS AROUND WATER BODIES

SD-I
CONSTRUCT SURFACES FROM PERMEABLE MATERIALS

SD-K
SUSTAINABLE LANDSCAPING

NOTE: THIS IS A SAMPLE ONLY. SEE COUNTY OF SAN DIEGO STORMWATER BEST MANAGEMENT PRACTICES - REFERENCE GUIDE (PUBLICATION PDS 143) FOR ALTERNATE STORMWATER MEASURES. YOUR PROJECT MAY NOT USE ALL OF THE BMP MEASURES SHOWN OR MAY REQUIRE ALTERNATE / ADDITIONAL BMP TYPES GIVEN PROJECT SPECIFICS.

NOTICE:

STATE OF CALIFORNIA
COUNTY OF SAN DIEGO
PLANNING & DEVELOPMENT SERVICES
COUNTY OF SAN DIEGO, PLANNING & DEVELOPMENT SERVICES
SAMPLE PRESENTATION FOR STORMWATER BEST MANAGEMENT PRACTICES (BMPs) PLAN
BUILDING DIVISION

TO BE USED IN CONJUNCTION WITH STORM WATER QUALITY MANAGEMENT PLAN (SWQMP) FOR STANDARD PROJECTS (FORM: STANDARD SWQMP)

PROPOSED SINGLE FAMILY RESIDENCE

PDS 659
BROW DITCH

PDS 659
BERM
DIRECTION OF LOT DRAINAGE

MATERIALS & WASTE MANAGEMENT BMPs:

WM-1
MATERIAL DELIVERY & STORAGE

WM-4
SPILL PREVENTION AND CONTROL

WM-5
CONCRETE WASTE MANAGEMENT

WM-6
SOLID WASTE MANAGEMENT

WM-9
SANITARY WASTE MANAGEMENT

WM-6
HAZARDOUS WASTE MANAGEMENT

TEMPORARY RUNOFF CONTROL BMPs:

SS-2
PRESEVATION OF EXISTING VEGETATION

SS-3
BONDED OR STABILIZED FIBER MATRIX (WINTER)

SS-4
HYDROSEEDING (SUMMER)

SS-6
STRAW OR WOOD MULCH

SS-7
PHYSICAL STABILIZATION (WINTER)

SS-10
ENERGY DISSIPATOR

SC-1
SILT FENCE

SC-2
SEDIMENT / DESILTING BASIN

SC-5
STREET SWEEPING AND VACUUMING

SC-6
CONSTRUCTION ROAD STABILIZATION

SC-7
ENTRANCE / EXIT TIRE WASH

SC-8
DEWATERING FILTRATION

SC-9
SUSTAINABLE LANDSCAPING

SC-10
STORM DRAIN INLET PROTECTION

SD-B
DIRECT RUNOFF FROM ROOFTOPS TO LANDSCAPED AREAS

SD-C
AVOID DISTURBING NATURAL SWALES & TOPOGRAPHIC DEPRESSIONS

SD-D
SEPARATION OF FLOWS FROM ADJACENT AREAS

SD-E
CONSTRUCT SURFACES FROM PERMEABLE MATERIALS

SD-F
DIRECT RUNOFF TO PERVIOUS AREAS

SD-G
CONSERVE NATURAL FEATURES

SD-H
PROVIDE BUFFERS AROUND WATER BODIES

SD-I
CONSTRUCT SURFACES FROM PERMEABLE MATERIALS

SD-K
SUSTAINABLE LANDSCAPING

SD-L
INSTALL RAIN BARRELS

SD-M
CONSERVE NATURAL FEATURES

SD-N
PROVIDE BUFFERS AROUND WATER BODIES

SD-O
CONSTRUCT SURFACES FROM PERMEABLE MATERIALS

SD-P
SUSTAINABLE LANDSCAPING

SD-Q
INSTALL GREEN ROOF

SD-R
CONSERVE NATURAL FEATURES

SD-S
PROVIDE BUFFERS AROUND WATER BODIES

SD-T
CONSTRUCT SURFACES FROM PERMEABLE MATERIALS

SD-U
SUSTAINABLE LANDSCAPING

SD-V
INSTALL RAIN BARRELS

SD-W
CONSERVE NATURAL FEATURES

SD-X
PROVIDE BUFFERS AROUND WATER BODIES

SD-Y
CONSTRUCT SURFACES FROM PERMEABLE MATERIALS

SD-Z
SUSTAINABLE LANDSCAPING

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CONSTRUCTED IMPERVIOUS SURFACE AREA TABLE

<table>
<thead>
<tr>
<th>SITE ID</th>
<th>IMPERVIOUS ITEM</th>
<th>DIMENSIONS</th>
<th>NEW OR REPLACED AREA (sf)</th>
<th>EXISTING AREA (sf)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>(E) MAIN HOUSE</td>
<td>PER PLAN</td>
<td>0</td>
<td>2926</td>
</tr>
<tr>
<td>2</td>
<td>(N) GARAGE</td>
<td>27’x27”</td>
<td>729</td>
<td>0</td>
</tr>
<tr>
<td>3</td>
<td>(N) ADDITION</td>
<td>20’x20’</td>
<td>400</td>
<td>0</td>
</tr>
<tr>
<td>4</td>
<td>(E) SHED</td>
<td>20’x25’</td>
<td>0</td>
<td>500</td>
</tr>
<tr>
<td>5</td>
<td>(E) DRIVEWAY</td>
<td>PER PLAN</td>
<td>0</td>
<td>1364</td>
</tr>
<tr>
<td>6</td>
<td>(N) GAZEBO</td>
<td>PER PLAN</td>
<td>345</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TOTAL = 1474 sf</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CONSTRUCTED PERVIOUS SURFACE AREA TABLE

<table>
<thead>
<tr>
<th>SITE ID</th>
<th>PERVIOUS ITEM</th>
<th>DIMENSIONS</th>
<th>AREA (sf)</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>(N) PERVIOUS PAVERS</td>
<td>PER PLAN</td>
<td>861</td>
<td>1, 3, 4, 5</td>
</tr>
<tr>
<td>9</td>
<td>(N) PERVIOUS ASPHALT</td>
<td>30’x27”</td>
<td>810</td>
<td>2, 3, 4</td>
</tr>
</tbody>
</table>

TABLE FOOTNOTES:
1) SLICK STONE PAVERS INSTALLED PER PERVIOUS PAVER INSTALL DETAIL 2 ON SHEET A-5, CUT SHEETS PROVIDED FOR REVIEW WITH PROJECT DOCUMENTS.
2) PERVIOUS ASPHALT PER DETAIL 7 ON SHEET A-5, DETAIL AND DESIGN WERE PROVIDED AT PLAN SUBMITTAL FOR COUNTY REVIEW.
3) REGULAR MAINTENANCE AND UPKEEP OF PERVIOUS SERVICES WILL BE REQUIRED TO ENSURE THAT SURFACE REMAINS PERVIOUS. DO NOT SEAL PERVIOUS SURFACE AFTER INSTALLATION.
4) PERVIOUS SURFACE SLOPE OF 3% IN THE DIRECTION OF DRIVEWAY
5) 15% OF THE SURFACE AREA IS PERVIOUS

INFORMATION FOR IMPERVIOUS AREA PLAN

1) "IMPERVIOUS SURFACE AREA" MEANS THE GROUND AREA COVERED OR SHELTERED BY AN IMPERVIOUS SURFACE, MEASURED IN PLAN VIEW. FOR EXAMPLE, THE "IMPERVIOUS SURFACE AREA" FOR A PITCHED ROOF IS EQUAL TO THE GROUND AREA IT SHELTERS, RATHER THAN THE SURFACE AREA OF THE ROOF ITSELF.

2) PROVIDE ON PLAN IMPERVIOUS AND PERVIOUS SURFACE AREA INFORMATION PER THE FOLLOWING:
   a) DIMENSIONS OF ALL IMPERVIOUS ELEMENTS – INCLUDING BUILDING ROOFS, DRIVEWAYS, PAVED WALKWAYS, PATIOS, PATIO COVERS, AND DECKS – AND CONSTRUCTED PERVIOUS ELEMENTS TO ENABLE CALCULATION AND VERIFICATION OF THE AREA OF EACH ELEMENT
   b) DISTINGUISH BETWEEN NEW/REPLACED IMPERVIOUS AREA AND EXISTING IMPERVIOUS AREA
   c) PROVIDE TABLE DETERMINING CUMULATIVE NEW/REPLACED IMPERVIOUS SURFACE AREA AND CUMULATIVE EXISTING IMPERVIOUS SURFACE AREA ON ENTIRE PARCEL AND COORDINATE WITH TOTALS ENTERED ON COUNTY OF SAN DIEGO STORM WATER INTAKE FORM (LUEG:SW)
   d) PROVIDE TABLE INDICATING SURFACE AREA OF EACH CONSTRUCTED PERVIOUS ELEMENT
   e) FOR ANY CONSTRUCTED PERVIOUS ELEMENTS, PROVIDE MANUFACTURER, PRODUCT SPECIFICATIONS, PERVIOUS SURFACE SLOPE AND DIRECTION, AND CROSS-SECTION OF PRODUCT ASSEMBLY WITH COMPLETE DIMENSIONS AND DETAILING.
   3) CURVED ELEMENTS MAY BE SHOWN ON PLANS WITH AN ARC LENGTH AND AVERAGE DIMENSION BETWEEN CURVES. AREA TABULATION MAY BE OBTAINED USING DESIGN SOFTWARE (E.G. AUTOCAD)
   4) PROVIDE THE TOTAL LAND DISTURBANCE AREA ON THIS PLAN
   5) PROVIDE A LARGE BOLD NOTE ON THE PLANS: "CONSTRUCTED PERVIOUS SURFACES ARE NOT TO BE SEALED"
   6) IF YOUR PROJECT IS CLOSE TO MEETING OR MEETS ANY CRITERIA QUALIFYING IT AS A PDP AS STATED IN THE LUEG:SW INTAKE FORM STEP 3 (A)-(F) CONSULT YOUR LOCAL FIRE DISTRICT AS SOON AS POSSIBLE FOR PRELIMINARY ACCESS REVIEW AND PERMEABLE SURFACE MATERIAL APPROVAL.

5510 OVERLAND AVE., SUITE 110, SAN DIEGO, CA 92123 • (858) 565-5920 • (888) 336-7553
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