

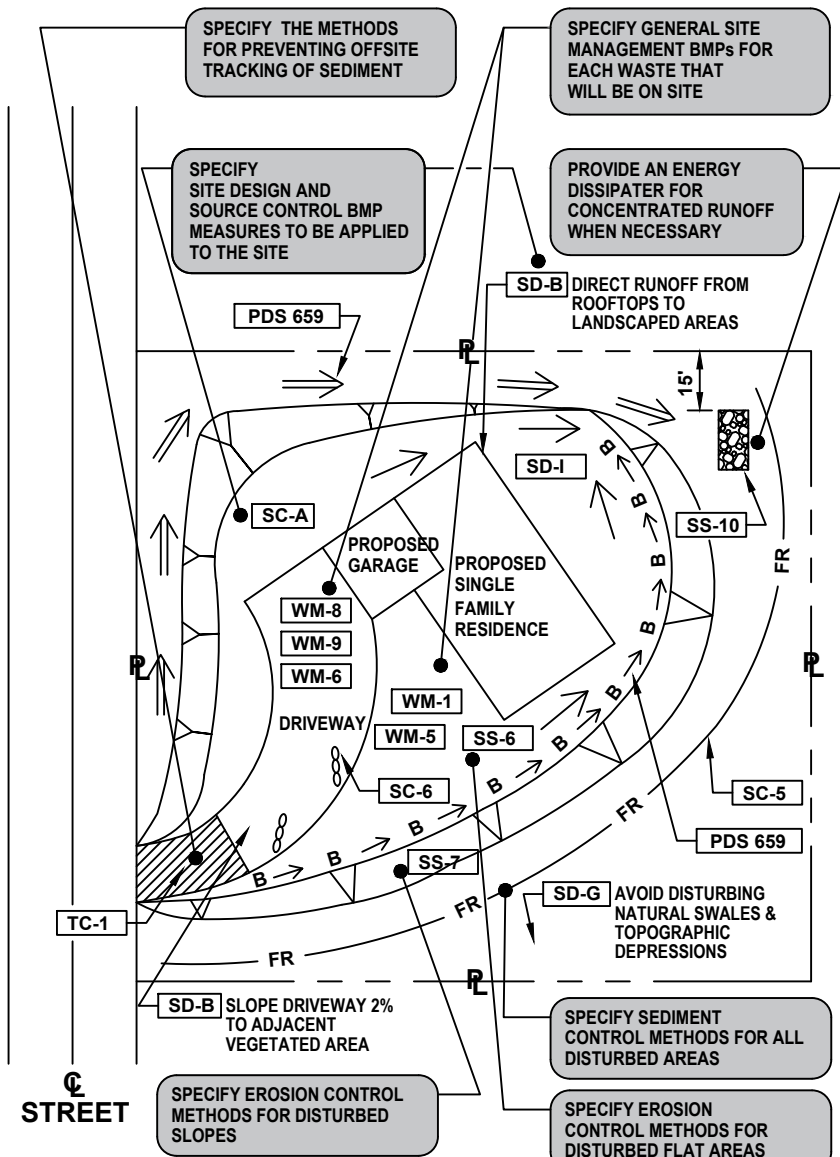


# County of San Diego, Planning & Development Services

## 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)



### BMP LEGEND

**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-8** CONCRETE WASTE MANAGEMENT
- WM-5** SOLID WASTE MANAGEMENT
- WM-9** SANITARY WASTE MANAGEMENT
- WM-6** HAZARDOUS WASTE MANAGEMENT

#### TEMPORARY RUNOFF CONTROL BMPs:

- SS-2** PRESERVATION OF EXISTING VEGETATION
- SS-3** BONDED OR STABILIZED FIBER MATRIX (WINTER)
- SS-4** HYDROSEEDING (SUMMER)
- SS-6** / **SS-8** STRAW OR WOOD MULCH
- SS-7** PHYSICAL STABILIZATION (WINTER)
- SS-10** ENERGY DISSIPATOR
- SC-1** SILT FENCE
- SC-2** / **PDS 659** SEDIMENT / DESILTING BASIN
- SC-5** FIBER ROLLS
- SC-6** / **SC-8** GRAVEL OR SAND BAGS
- SC-7** STREET SWEEPING AND VACUUMING
- SC-10** STORM DRAIN INLET PROTECTION
- NS-2** DEWATERING FILTRATION
- TC-1** STABILIZED CONSTRUCTION ENTRANCE
- TC-2** CONSTRUCTION ROAD STABILIZATION
- TC-3** ENTRANCE / EXIT TIRE WASH

#### BASELINE BMPs FOR EXISTING AND PROPOSED SITE FEATURES

- SD-B** DIRECT RUNOFF TO PERVIOUS 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

#### 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:

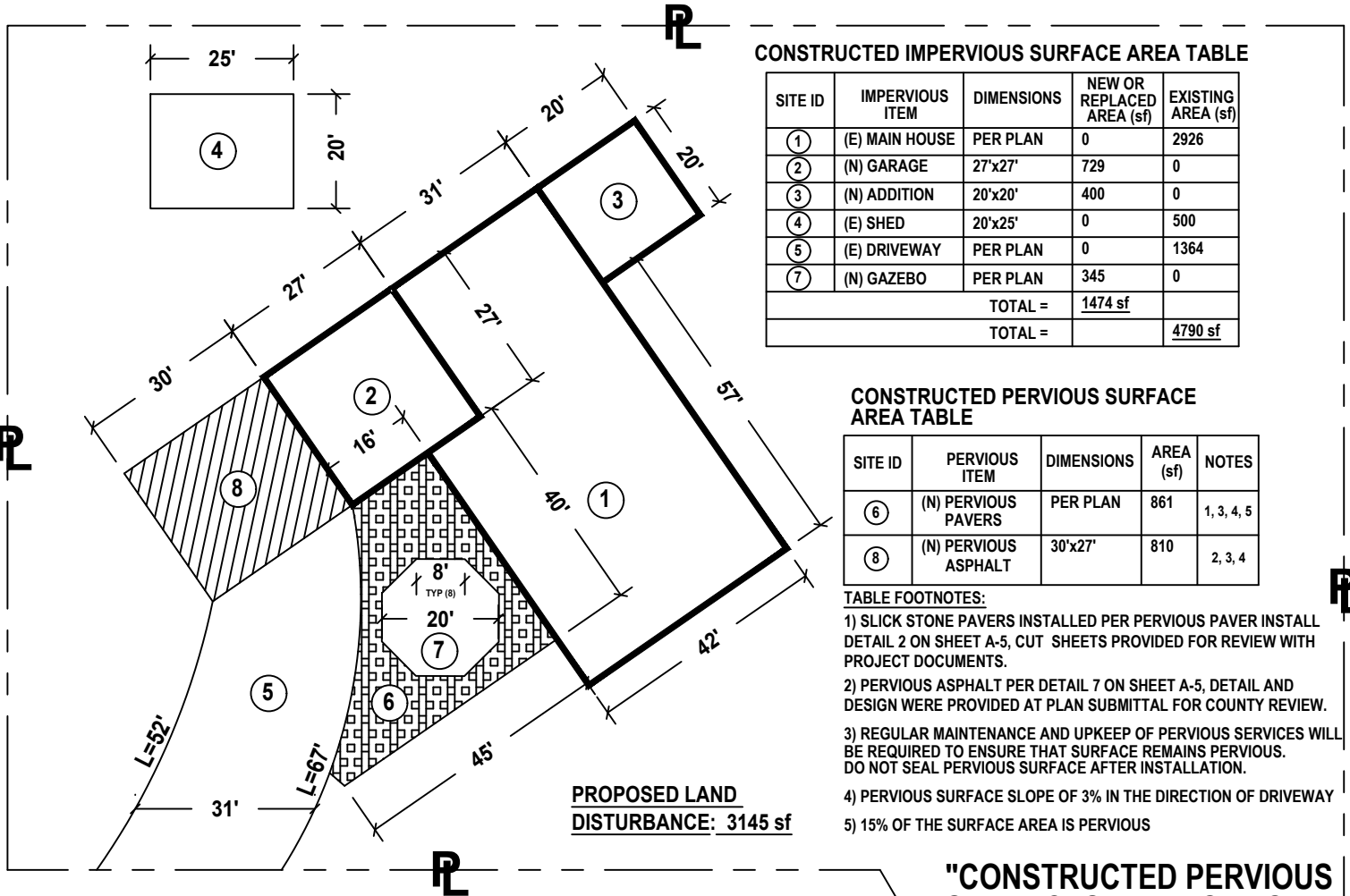
- A** TRASH & REFUSE STORAGE
- B** MATERIALS & EQUIPMENT STORAGE
- C** LOADING & UNLOADING
- D** FUELING
- E** MAINTENANCE & REPAIR
- F** VEHICLE & EQUIPMENT CLEANING
- G** OTHER

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.



County of San Diego, Planning & Development Services  
**SAMPLE PRESENTATION FOR STORMWATER IMPERVIOUS AREA PLAN**  
 BUILDING DIVISION

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



**CONSTRUCTED IMPERVIOUS SURFACE AREA TABLE**

SITE ID	IMPERVIOUS ITEM	DIMENSIONS	NEW OR REPLACED AREA (sf)	EXISTING AREA (sf)
①	(E) MAIN HOUSE	PER PLAN	0	2926
②	(N) GARAGE	27'x27'	729	0
③	(N) ADDITION	20'x20'	400	0
④	(E) SHED	20'x25'	0	500
⑤	(E) DRIVEWAY	PER PLAN	0	1364
⑦	(N) GAZEBO	PER PLAN	345	0
TOTAL =			1474 sf	
TOTAL =				4790 sf

**CONSTRUCTED PERVIOUS SURFACE AREA TABLE**

SITE ID	PERVIOUS ITEM	DIMENSIONS	AREA (sf)	NOTES
⑥	(N) PERVIOUS PAVERS	PER PLAN	861	1, 3, 4, 5
⑧	(N) PERVIOUS ASPHALT	30'x27'	810	2, 3, 4

**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

**"CONSTRUCTED PERVIOUS SURFACES ARE NOT TO BE SEALED"**

**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.