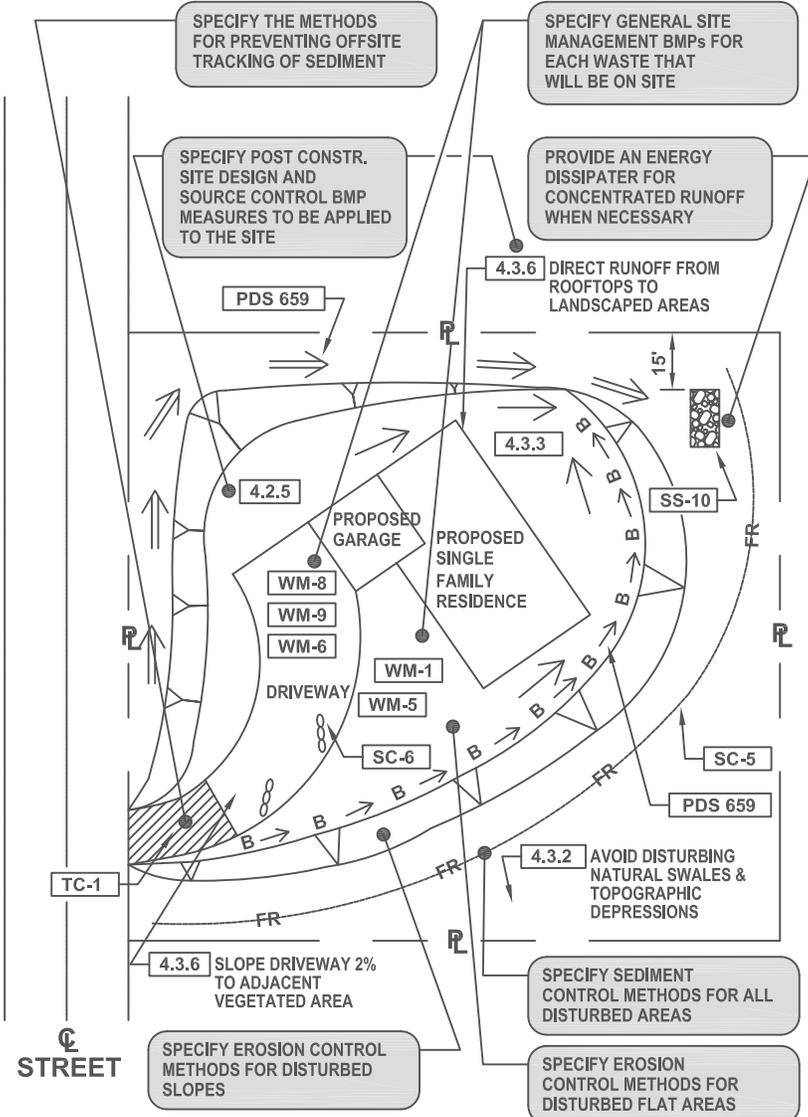




County of San Diego, Planning & Development Services
**SAMPLE PRESENTATION FOR STORMWATER
 BEST MANAGEMENT PRACTICES (BMPs) PLAN**
BUILDING DIVISION

TO BE USED IN CONJUNCTION WITH THE STANDARD PROJECT
 SWQMP (FORM LUEG:SW)



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	

POST-CONSTRUCTION SITE DESIGN BMPs

4.3.1	MAINTAIN NATURAL DRAINAGE PATHWAYS AND HYDROLOGIC FEATURES
4.3.2	CONSERVE NATURAL AREAS, SOILS, AND VEGETATION
4.3.3	MINIMIZE IMPERVIOUS AREA
4.3.4	MINIMIZE SOIL COMPACTION
4.3.5	IMPERVIOUS AREA DISPERSION
4.3.6	RUNOFF COLLECTION
4.3.7	LANDSCAPING WITH NATIVE OR DROUGHT TOLERANT SPECIES
4.3.8	HARVESTING AND USING PRECIPITATION

POST CONSTRUCTION SOURCE CONTROL BMPs

4.2.1	PREVENTION OF ILLICIT DISCHARGES INTO THE MS4
4.2.2	STORM DRAIN STENCILING AND POSTING OF SIGNAGE
4.2.3	PROTECTED OUTDOOR MATERIALS STORAGE AREAS
4.2.4	PROTECT MATERIALS STORED IN OUTDOOR WORK AREAS
4.2.5	PROTECT TRASH STORAGE AREAS
4.2.6	ADDNL BMPs BASED ON POTENTIAL RUNOFF POLLUTANTS:

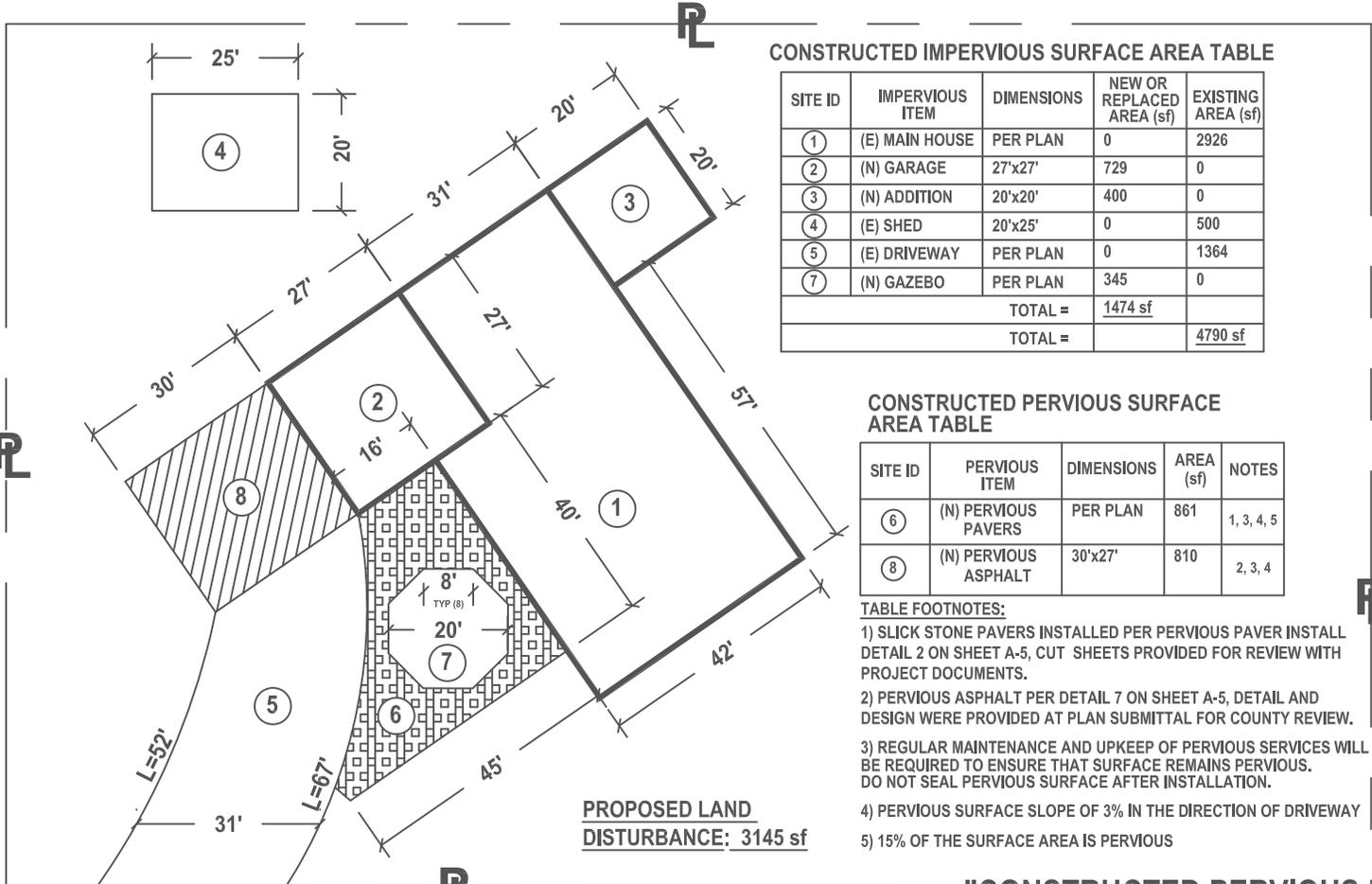
NOTE:
 THIS IS A SAMPLE ONLY. SEE COUNTY OF SAN DIEGO STORMWATER BEST MANAGEMENT PRACTICES - REFERENCE GUIDE (PUBLICATION PDS 143) FOR ALTERNATE STORMWATER MEASURES. YOUR PROJECT MAY NOT USE ALL OF THE BMP MEASURES SHOWN OR MAY REQUIRE ALTERNATE / ADDITIONAL BMP TYPES GIVEN PROJECT SPECIFICS.

A	ON-SITE STORM DRAIN INLETS	G	FOOD SERVICE	M	FUEL DISPENSING AREAS
B	INTERIOR FLOOR DRAINS & ELEVATOR SHAFT SUMPS	H	TRASH OR REFUSE AREAS	N	LOADING DOCKS
C	INTERIOR PARKING GARAGES	I	INDUSTRIAL PROCESSES	O	FIRE SPRINKLER TEST WATER
D	NEED FOR FUTURE INDOOR & STR. PEST CONTROL	J	OUTDOOR STORAGE OF EQUIP. OR MATERIALS	P	MISCELLANEOUS DRAIN OR WASH WATER
E	LANDSCAPE/OUTDOOR PESTICIDE USE	K	VEHICLE AND EQUIPMENT CLEANING	Q	PLAZAS, SIDEWALKS, DRIVEWAYS, AND PARKING LOTS
F	POOLS, SPAS, PONDS, FOUNTAINS, & WATER FEATURES	L	VEHICLE/EQUIPMENT REPAIR AND MAINTENANCE		



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

TO BE USED IN CONJUNCTION WITH THE STANDARD PROJECT
 SWQMP (FORM LUEG:SW)



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

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.

"CONSTRUCTED PERVIOUS SURFACES ARE NOT TO BE SEALED"