

C.3 and C.6 Development Review Checklist

Municipal Regional Stormwater Permit (MRP) **Stormwater Controls for Development Projects** **COUNTY OF SAN MATEO Planning & Building Department** 455 County Center, 2nd Floor Redwood City, CA 94063 BLD: 650-599-7311/PLN: 650-363-1825 http://planning.smcgov.org/

Applicants: This form should be filled out by the Project Civil Engineer, if one is associated with the project.

I.A	Enter Project Data (For "C.3 Regulated Projects," data will be reported in the municipality's stormwater Annual Report.)						
	Project Name:	Case	Number:				
	Project Address & Cros	s St.:					
	Project APN:	Project Watershed:					
	Applicant Name:		I.A.4 Slope on Site:				
	Applicant Phone:	Applicant Email Address:					
	Development type:	☐ Single Family Residential: A stand-alone home that is not part of a la	rger project.				
	(check all that apply)	☐ Single Family Residential: Two or more lot residential development.¹	# of units:				
		☐ Multi-Family Residential	# of units:				
		☐ Commercial					
		☐ Industrial, Manufacturing					
		☐ Mixed-Use	# of units:				
		☐ Streets, Roads², etc.					
		-	'Redevelopment' as defined by MRP: creating, adding and/or replacing exterior existing				
I.A.1		pecial land use categories' as defined by MRP: (1) auto service facilities ³ , (2) retail gasoline utlets, (3) restaurants, (4) uncovered parking area (stand-alone or part of a larger project)					
		☐ Institutions: schools, libraries, jails, etc.	5 1 <i>7</i> /				
		☐ Parks and trails, camp grounds, other recreational					
		☐ Agricultural, wineries					
		☐ Kennels, Ranches					
		Other, Please specify					
	Project Description4:						
	(Also note any past or future phases of the project.)						
I.A.2	Total Area of Site:	acres					
I.A.3	Total Area of land distur	bed during construction (include clearing, grading, excavating and stockpi	ile area): acres.				
I.A.5	Certification:						
Name	e of person completing the	e form:Title:					
Phon	e number:	Email address:					
ex	ceed the amount of new	ify that the information provided on this form is correct and acknowledge and/or replaced impervious surface provided in this form, the as-built projenitials:Date:					
I have	e attached the following:	☐ Preliminary Calculations ☐ Final Calculations ☐ A copy	of site plan showing areas				
1 yea	r of each other) are not consi	(subdivisions or contiguous, commonly owned lots, for the construction of two or midered single family projects by the MRP. 10 sq.ft. or more of contiguous impervious surface are subject to C.3 requirements in					

being widened with additional traffic lanes.

³ See Standard Industrial Classification (SIC) codes <u>here</u>

⁴ Project description examples: 5-story office building, industrial warehouse, residential with five 4-story buildings for 200 condominiums, etc.

I.B Is the project a "C.3 Regulated Project" per MRP Provision C.3.b?

I.B.1 Enter the amount of impervious surface⁵ Retained, Replaced and/or Created by the project:

Table I.B.1 Impervious⁵ and Pervious Surfaces

	I.B.1.a	I.B.1.b	I.B.1.c	I.B.1.d	I.B.1.e
Type of Impervious ⁵ Surface	Pre-Project Impervious ⁵ Surface (sq.ft.)	Existing Impervious ⁵ Surface to be Retained ⁶ (sq.ft.)	Existing Impervious ⁵ Surface to be Replaced ⁶ (sq.ft.)	New Impervious⁵ Surface to be Created ⁶ (sq.ft.)	Post-Project Impervious ⁵ Surface (sq.ft.) (=b+c+d)
Roof area(s)					
Impervious ⁵ sidewalks, patios, paths, driveways, streets					
Impervious ⁵ uncovered parking ⁷					
Totals of Impervious Surfaces:					
I.B.1.f - Total Impervious ⁵ Surface Replaced and Created (su	m of totals for co	olumns I.B.1.c a	nd I.B.1.d):		
Type of Pervious Surface	Pre-Project Pervious Surface (sq.ft.)				Post-project Pervious Surface (sq.ft.)
Landscaping					
Pervious Paving				I.B.1.e.1:	
Green Roof					
Totals of Pervious Surfaces:					
Total Site Area (Total Impervious ⁵ +Total Pervious= I.A.2)					

Please review and attach additional worksheets as required below using the Total Impervious Surface (IS) Replaced I.B.2 and Created in cell I.B.1.f from Table I.B.1 above and other factors:

	Check One			
	Check all that apply:	Yes	No	Worksheet
I.B.2.a	Does this project involve any earthwork? If YES, then Check Yes, and Complete Worksheet A. If NO, then go to I.B.2.b			А
I.B.2.b	Is I.B.1.f greater than or equal to 2,500 sq.ft? If YES, then the Project is subject to Provision C.3.i complete Worksheets B, C & go to I.B.2.c. If NO, then Stop here - go to I.A.5 and complete Certification.			B, C
I.B.2.c	Is the total Existing IS to be Replaced (column I.B.1.c) 50 percent or more of the total Pre-Project IS (column I.B.1.a)? If YES, site design, source control and treatment requirements apply to the whole site. Continue to I.B.2.d If NO, these requirements apply only to the impervious surface created and/or replaced. Continue to I.B.2.d			
I.B.2.d	Is this project a Special Land Use Category (I.A.1) and is I.B.1.f greater than or equal to 5,000 sq.ft? If YES, project is a Regulated Project. Fill out Worksheet D. Go to I.B.2.f. If NO, go to I.B.2.e			D
I.B.2.e	Is I.B.1.f greater than or equal to 10,000 sq.ft? If YES, project is a C.3 Regulated Project - complete Worksheet D. Then continue to I.B.2.f. If NO, then skip to I.B.2.g.			D
I.B.2.f	Is I.B.1.f greater than or equal to 43,560 sq.ft? If YES, project may be subject to Hydromodification Management requirements - complete Worksheet E then continue to I.B.2.g. If NO, then go to I.B.2.g.			E
I.B.2.g	Is I.A.3 greater than or equal to 1 acre? If YES, check box, obtain coverage under the CA Const. General Permit & submit Notice of Intent to municipality - go to I.B.2.h. If NO, then go to I.B.2.h. For more information see: www.swrcb.ca.gov/water_issues/programs/stormwater/construction.shtml			
I.B.2.h	Is this a Special Project or does it have the potential to be a Special Project? If YES, attach completed Worksheet F - then continue to I.B.2.i. If NO, go to I.B.2.i.			F
I.B.2.i	Is project a <i>Construction Stormwater Regulated Site</i> (<i>SWRS</i>)? 1) Sites that disturb 1 acre or more of land; 2) where the project requires a Grading Permit; 3) Sites with a) Residential new construction or a 50% or greater remodel, or b) Commercial/ Industrial construction of a new building or additions of 3,000 sq. ft. or greater, and with one or both of the following: (1) Sites where development will occur on a slope greater than or equal to 5:1 (20%), and/or (2) Sites where development will occur within 100 feet of a creek, wetland, or coastline; 4) Any public or private project involving work within a waterway; and 5) Sites within the ASBS watershed that involve soil disturbance. <i>If NO, then go to I.B.2.j</i>			G
I.B.2.j	For Municipal Staff Use Only: Are you using Alternative Certification for the project review? If YES, then fill out section G-1 on Worksheet G. Fill out other sections of Worksheet G as appropriate. See cell I.B.1.e.1 above - Is the project installing 3,000 square feet or more of pervious paving? If YES, then fill out section G-3 on Worksheet G. Add to Municipal Inspection Lists (C.3.h)			G

⁵ Per the MRP, pavement that meets the following definition of pervious pavement is NOT an impervious surface. Pervious pavement is defined as pavement that stores and infiltrates rainfall at a rate equal to immediately surrounding unpaved, landscaped areas, or that stores and infiltrates the rainfall runoff volume described in Provision C.3.

^{6 &}quot;Retained" means to leave existing impervious surfaces in place, unchanged; "Replaced" means to install new impervious surface where existing impervious surface is removed anywhere on the same property; and "Created" means the amount of new impervious surface being proposed which exceeds the total existing amount of impervious surface at the property.

7 Uncovered parking includes the top level of a parking structure.

Worksheet A

C6 – Construction Stormwater BMPs

Include the following Construction BMPs on the Erosion Control Plan: (Applies to all projects with earthwork)

Yes	Plan Sheet	Best Management Practice (BMP) Notes
		Erosion Control Point of Contact. (<u>Provide an Erosion Control Point of Contact including name</u> , <u>title/qualification</u> , <u>email</u> , <u>and phone number</u> . The EC Point of Contact will be the County's <u>main</u> <u>point of contact if Erosion Control or Tree Protection corrections are required</u>).
		Perform clearing and earth-moving activities only during dry weather. Measures to ensure adequate erosion and sediment control shall be installed prior to earth-moving activities and construction.
		Measures to ensure adequate erosion and sediment control are required year-round. Stabilize all denuded areas and maintain erosion control measures continuously between October 1 and April 30.
		Store, handle, and dispose of construction materials and wastes properly, so as to prevent their contact with stormwater.
		Control and prevent the discharge of all potential pollutants, including pavement cutting wastes, paints, concrete, petroleum products, chemicals, wash water or sediments, and non-stormwater discharges to storm drains and watercourses.
		Use sediment controls or filtration to remove sediment when dewatering site and obtain Regional Water Quality Control Board (RWQCB) permit(s) as necessary.
		Avoid cleaning, fueling, or maintaining vehicles on-site, except in a designated area where wash water is contained and treated.
		Limit and time applications of pesticides and fertilizers to prevent polluted runoff.
		Limit construction access routes to stabilized, designated access points.
		Avoid tracking dirt or other materials off-site; clean off-site paved areas and sidewalks using dry sweeping methods.
		Train and provide instruction to all employees and subcontractors regarding the Watershed Protection Maintenance Standards and Construction Best Management Practices.
		Placement of erosion materials at these locations are required on weekends and during rain events: (<u>List locations</u>)
		The areas delineated on the plans for parking, grubbing, storage, etc., shall not be enlarged or "run over."
		Construction sites are required to have erosion control materials on-site during the "off-season."
		Dust control is required year-round.
		Erosion control materials shall be stored on-site.
		Use of plastic sheeting between October 1 and April 30 is not acceptable, unless for use on stockpiles where the stockpile is also protected with fiber rolls containing the base of the stockpile.
		Tree protection shall be in place before any demolition, grading, excavating or grubbing is started.

3

Worksheet B

C3 - Source Controls

Select appropriate source controls and identify the detail/plan sheet where these elements are shown.

Yes	Detail/Plan Sheet No., or "N/A"	Features that require source control measures	Source Control Measures (Refer to Local Source Control List for detailed requirements)
		Storm Drain (street/road projects)	Mark on-site inlets with the words "No Dumping! Flows to Bay" or equivalent.
		Floor Drains (non-residential)	Plumb interior floor drains to sanitary sewer ⁸ [or prohibit].
		Parking garage (non-single-family residential)	Plumb interior parking garage floor drains to sanitary sewer.8
		Landscaping (all project types)	 Retain existing vegetation as practicable. Select diverse species appropriate to the site. Include plants that are pest-and/or disease-resistant, drought-tolerant, and/or attract beneficial insects. Minimize use of pesticides and quick-release fertilizers. Use efficient irrigation system; design to minimize runoff.
		Pool/Spa/Fountain (all project types)	Provide connection to the sanitary sewer to facilitate draining.8
		Food Service Equipment (non-residential)	Provide sink or other area for equipment cleaning, which is: Connected to a grease interceptor prior to sanitary sewer discharge. ⁸ Large enough for the largest mat or piece of equipment to be cleaned. Indoors or in an outdoor roofed area designed to prevent stormwater run-on and run-off, and signed to require equipment washing in this area.
		Refuse Areas (non-single- family residential)	 Provide a roofed and enclosed area for dumpsters, recycling containers, etc., designed to prevent stormwater run-on and runoff. Connect any drains in or beneath dumpsters, compactors, and tallow bin areas serving food service facilities to the sanitary sewer.⁸
		Outdoor Process Activities ⁹ (non-residential)	Perform process activities either indoors or in roofed outdoor area, designed to prevent stormwater run-on and runoff, and to drain to the sanitary sewer.8
		Outdoor Equipment/ Materials Storage (non-residential)	 Cover the area or design to avoid pollutant contact with stormwater runoff. Locate area only on paved and contained areas. Roof storage areas that will contain non-hazardous liquids, drain to sanitary sewer⁸, and contain by berms or similar.
		Vehicle/ Equipment Cleaning (non-single-family residential)	 Roofed, pave and berm wash area to prevent stormwater run-on and runoff, plumb to the sanitary sewer⁸, and sign as a designated wash area. Commercial car wash facilities shall discharge to the sanitary sewer.⁸
		Vehicle/ Equipment Repair and Maintenance (non-single-family residential)	 Designate repair/maintenance area indoors, or an outdoors area designed to prevent stormwater run-on and runoff and provide secondary containment. Do not install drains in the secondary containment areas. No floor drains unless pretreated prior to discharge to the sanitary sewer.⁸ Connect containers or sinks used for parts cleaning to the sanitary sewer.⁸
		Fuel Dispensing Areas (non-residential)	 Fueling areas shall have impermeable surface that is a) minimally graded to prevent ponding and b) separated from the rest of the site by a grade break. Canopy shall extend at least 10 ft. in each direction from each pump and drain away from fueling area.
		Loading Docks (non- residential)	 Cover and/or grade to minimize run-on to and runoff from the loading area. Position downspouts to direct stormwater away from the loading area. Drain water from loading dock areas to the sanitary sewer.⁸ Install door skirts between the trailers and the building.
		Fire Sprinklers (all project types)	Design for discharge of fire sprinkler test water to landscape or sanitary sewer.8
		Miscellaneous Drain or Wash Water (all project types)	 Drain condensate of air conditioning units to landscaping. Large air conditioning units may connect to the sanitary sewer.⁸ Roof drains from equipment drain to landscaped area where practicable. Drain boiler drain lines, roof top equipment, all wash water to sanitary sewer.⁸
		Architectural Copper Rinse Water (all project types)	 Drain rinse water to landscaping, discharge to sanitary sewer⁸, or collect and dispose properly offsite. See flyer "Requirements for Architectural Copper."

⁸ Any connection to the sanitary sewer system is subject to sanitary district approval.

⁹ Businesses that may have outdoor process activities/equipment include machine shops, auto repair, industries with pretreatment facilities.

Worksheet C

Low Impact Development - Site Design Measures

Select Appropriate Site Design Measures (Required for C.3 Regulated Projects; all other projects are encouraged to implement site design measures, which may be required at municipality discretion.) Projects that create and/or replace 2,500 – 10,000 sq.ft. of impervious surface, and stand-alone single family homes that create/replace 2,500 sq.ft. or more of impervious surface, must include **one of Site Design Measures a through f** (Provision C.3.i requirements). Larger projects must also include applicable Site Design Measures g through i. Consult with municipal staff about requirements for your project.

Select appropriate site design measures and Identify the Plan Sheet where these elements are shown.

Yes	Plan Sheet Number	
		Direct roof runoff into cisterns or rain barrels and use rainwater for irrigation or other non-potable use.
		b. Direct roof runoff onto vegetated areas.
		c. Direct runoff from sidewalks, walkways, and/or patios onto vegetated areas.
		d. Direct runoff from driveways and/or uncovered parking lots onto vegetated areas.
		e. Construct sidewalks, walkways, and/or patios with pervious or permeable surfaces. Use the specifications in the C3 Technical Guidance (Version 4.1) downloadable at www.flowstobay.org/newdevelopment .
		f. Construct bike lanes, driveways, and/or uncovered parking lots with pervious surfaces. Use the specifications in the C3 Technical Guidance (Version 4.1) downloadable at www.flowstobay.org/newdevelopment .
		g. Limit disturbance of natural water bodies and drainage systems; minimize compaction of highly permeable soils; protect slopes and channels; and minimize impacts from stormwater and urban runoff on the biological integrity of natural drainage systems and water bodies.
		h. Conserve natural areas, including existing trees, other vegetation and soils.
		i. Minimize impervious surfaces.

Regulated Projects can also consider the following site design measures to reduce treatment system sizing:

Yes	Plan Sheet Number	
		j. Self-treating area (see Section 4.2 of the C.3 Technical Guidance)
		k. Self-retaining area (see Section 4.3 of the C.3 Technical Guidance)
		I. Plant or preserve interceptor trees (Section 4.1, C.3 Technical Guidance)

¹⁰ See MRP Provision C.3.a.i.(6) for non-C.3 Regulated Projects, C.3.c.i.(2)(a) for Regulated Projects, C.3.i for projects that create/replace 2,500 to 10,000 sq.ft. or impervious surface and stand-alone single family homes that create/replace 2,500 sq.ft. or more of impervious surface.

Worksheet D

	C3	Regulated	Project -	- Stormwater	Treatment	Measures
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Check all applicable boxes and indicate the treatment measure(s) included in the project.

Yes		
	Is the project a Special Project ? ¹¹ If yes, consult with municipal staff about the need to evaluate the	feasibility and infeasibility of 100% LID
Attach Worksheet F	treatment. Indicate the type of non-LID treatment to be used, the percentage of the amount of runoff specified in Provision C.3.d th	
and Calculations	Non-LID Treatment Measures: Hydraulic sizing method ¹²	% of C.3.d amount of runoff treated
	☐ Media filter ☐2.a ☐2.b ☐2.c	%
	☐ Tree well filter ☐ 2.a ☐ 2.b ☐ 2.c	%
	Is the project using infiltration systems? The MRP no longer requires the use or analysis of the feasibility encouraged and may be beneficial depending on the project. Indicate the infiltration measures to be used, and hydraulic sizing	
	Infiltration Measures: Hydraulic sizing method¹² ☐ Bioinfiltration¹³ ☐ 1.a ☐ 1.b ☐ 2.c ☐ 3 ☐ Pervious Pavement ☐ 1.a ☐ 1.b ☐ Infiltration trench ☐ 1.a ☐ 1.b Other (specify): ☐ 1.a ☐ 1.b	•
	Is the project harvesting and using rainwater? The MRP no longer requires the use or analysis of the feasibility of harvesting and use is encouraged and may be beneficial depending.	
	Rainwater Harvesting/Use Measures:	Hydraulic sizing method ¹²
	Rainwater Harvesting for indoor non-potable water use	□1.a □1.b
	Rainwater Harvesting for landscape irrigation use	□1.a □1.b
	Is the project installing biotreatment measures? Indicate the biotreatment measures to be used, and the hydraulic	sizing method:
	Biotreatment Measures:	Hydraulic sizing method ¹²
	☐ Bioretention area	□2.c □3
	☐ Flow-through planter	□2.c □3
	Other (specify):	

A copy of the long term Operations and Maintenance (O&M) Agreement and Plan for this project will be required. Please contact the NPDES Representative of the applicable municipality for an agreement template and consult the C.3 Technical Guidance at www.flowstobay.org for maintenance plan templates for specific facility types.

¹¹ Special Projects are smart growth, high density, or transit-oriented developments with the criteria defined in Provision C.3.e.ii.(2), (3) or (4) (see Worksheet F).

¹² Indicate which of the following Provision C.3.d.i hydraulic sizing methods were used. Volume based approaches: 1(a) Urban Runoff Quality Management approach, or 1(b) 80% capture approach (recommended volume-based approach). Flow-based approaches: 2(a) 10% of 50-year peak flow approach, 2(b) 2 times the 85th percentile rainfall intensity approach, or 2(c) 0.2-Inch-per-hour intensity approach (recommended flow-based approach – also known as the 4% rule). Combination flow and volume-based approach: 3.

¹³ See Section 6.1 of the C.3 Technical Guidance for conditions in which bioretention areas provide bioinfiltration.

Worksheet E Hydromodification Management

E-1	Is the project a Hydromodification Management ¹⁴ (HM) Project?
E-1.1	Is the total impervious area increased over the pre-project condition? Yes. Continue to E-1.2 No. The project is NOT required to incorporate HM Measures. Go to Item E-1.4 and check "No."
E-1.2	Is the site located in an HM Control Area per the HM Control Areas map (Appendix H of the C.3 Technical Guidance)? Yes. Continue to E-1.3 No. Attach map, indicating project location. The project is NOT required to incorporate HM Measures. Skip to Item E-1.3 and check "No."
E-1.3	Is the project a Hydromodification Management Project? Yes. The project is subject to HM requirements in Provision C.3.g of the Municipal Regional Stormwater Permit. No. The project is EXEMPT from HM requirements.
	 If the project is subject to the HM requirements, incorporate in the project flow duration control measures designed such that post-project discharge rates and durations match pre-project discharge rates and durations. The Bay Area Hydrology Model (BAHM) has been developed to help size flow duration controls. See www.bayareahydrologymodel.org. Guidance is provided in Chapter 7 of the C.3 Technical Guidance.
E-2 lı	ncorporate HM Controls (if required) Are the applicable items provided with the Plans?

Yes	No	NA	
			Site plans with pre- and post-project impervious surface areas, surface flow directions of entire site, locations of flow duration controls and site design measures per HM site design requirement
			Soils report or other site-specific document showing soil type(s) on site
			If project uses the Bay Area Hydrology Model (BAHM), a list of model inputs and outputs.
			If project uses custom modeling, a summary of the modeling calculations with corresponding graph showing curve matching (existing, post-project, and post-project with HM controls curves), goodness of fit, and (allowable) low flow rate.
			If project uses the Impracticability Provision, a listing of all applicable costs and a brief description of the alternative HM project (name, location, date of start up, and entity responsible for maintenance).
			If the project uses alternatives to the default BAHM approach or settings, a written description and rationale.

¹⁴ Hydromodification is the change in a site's runoff hydrograph, including increases in flows and durations that results when land is developed (made more impervious). The effects of hydromodification include, but are not limited to, increased bed and bank erosion of receiving streams, loss of habitat, increased sediment transport and/or deposition, and increased flooding. Hydromodification control measures are designed to reduce these effects.

Worksheet F Special Projects

Complete this worksheet for projects that appear to meet the definition of "Special Project", per Provision C.3.e.ii of the Municipal Regional Stormwater Permit (MRP). The form assists in determining whether a project meets Special Project criteria, and the percentage of low impact development (LID) treatment reduction credit. Special Projects that implement less than 100% LID treatment must provide a narrative discussion of the feasibility or infeasibility of 100% LID treatment. See Appendix J of the C.3 Technical Guidance Handbook (download at www.flowstobay.org) for more information.

F.1	"Specia	al Project" Determination (Check the boxes to determine if the project meets any of the following categories.)
	Special	Project Category "A"
	Does th	e project have ALL of the following characteristics?
		Located in a municipality's designated central business district, downtown core area or downtown core zoning district, neighborhood business district or comparable pedestrian-oriented commercial district, or historic preservation site and/or district ¹⁵ ;
		Creates and/or replaces 0.5 acres or less of impervious surface;
		Includes no surface parking, except for incidental parking for emergency vehicle access, ADA access, and passenger or freight loading zones;
		Has at least 85% coverage of the entire site by permanent structures. The remaining 15% portion of the site may be used for safety access, parking structure entrances, trash and recycling service, utility access, pedestrian connections, public uses, landscaping and stormwater treatment.
	☐ No (continue)
	Special	Project Category "B"
	Does th	e project have ALL of the following characteristics?
		Located in a municipality's designated central business district, downtown core area or downtown core zoning district, neighborhood business district or comparable pedestrian-oriented commercial district, or historic preservation site and/or district ²⁰ ;
		Creates and/or replaces more than 0.5 acres of impervious area and less than 2.0 acres; Includes no surface parking, except for incidental parking for emergency access, ADA access, and passenger or freight loading zones;
		Has at least 85% coverage of the entire site by permanent structures. The remaining 15% portion of the site may be used for safety access, parking structure entrances, trash and recycling service, utility access, pedestrian connections, public uses, landscaping and stormwater treatment;
		Minimum density of either 50 dwelling units per acre (for residential projects) or a Floor Area Ratio (FAR) of 2:1 (for commercial projects) - mixed use projects may use either criterion. Note Change on 7/1/16 ¹⁶
	☐ No (continue)
	Special	Project Category "C"
	Does th	e project have ALL of the following characteristics?
		At least 50% of the project area is within 1/2 mile of an existing or planned transit hub ¹⁷ or 100% within a planned Priority Development Area ¹⁸ ;
		The project is characterized as a non-auto-related use ¹⁹ ; and
		Minimum density of either 25 dwelling units per acre (for residential projects) or a Floor Area Ratio (FAR) of 2:1 (for commercial projects) - mixed use projects may use either criterion. Note Change on 7/1/16 ¹⁶
	☐ No (continue)

¹⁵ And built as part of a municipality's stated objective to preserve/enhance a pedestrian-oriented type of urban design.

¹⁶ **Effective 7/1/16**, the MRP establishes definitions for "Gross Density"(GD) & FAR. GD is defined as, "the total number of residential units divided by the acreage of the entire site area, including land occupied by public right-of-ways, recreational, civic, commercial and other non-residential uses." FAR is defined as," the Ratio of the total floor area on all floors of all buildings at a project site (except structures, floors, or floor areas dedicated to parking) to the total project site area.

¹⁷ "Transit hub" is defined as a rail, light rail, or commuter rail station, ferry terminal, or bus transfer station served by three or more bus routes. (A bus stop with no supporting services does not qualify.)

¹⁸ A "planned Priority Development Area" is an infill development area formally designated by the Association of Bay Area Government's / Metropolitan Transportation Commission's FOCUS regional planning program.

¹⁹ Category C specifically excludes stand-alone surface parking lots; car dealerships; auto and truck rental facilities with onsite surface storage; fast-food restaurants, banks or pharmacies with drive-through lanes; gas stations; car washes; auto repair and service facilities; or other auto-related project unrelated to the concept of transit oriented development.

F.2 LID Treatment Reduction Credit Calculation

(If more than one category applies, choose only one of the applicable categories and fill out the table for that category.)

Category	Impervious Area Created/Replaced (sq. ft.)	Site Coverage (%)	Project Density ¹⁶ or FAR ¹⁶	Density/Criteria	Allowable Credit (%)	Applied Credit (%)
А			N.A.	N.A.	100%	
		ı	ı			
В				Res ≥ 50 DU/ac or FAR ≥ 2:1	50%	
				Res ≥ 75 DU/ac or FAR ≥ 3:1	75%	
				Res ≥ 100 DU/ac or FAR ≥ 4:1	100%	
		1				
С				Location credit (select one) ²⁰ :		
				Within ¼ mile of transit hub	50%	
				Within ½ mile of transit hub	25%	
				Within a planned PDA	25%	
				Density credit (select one):		
				Res ≥ 30 DU/ac or FAR ≥ 2:1	10%	
				Res ≥ 60 DU/ac or FAR ≥ 4:1	20%	
				Res ≥ 100 DU/ac or FAR ≥ 6:1	30%	
				Parking credit (select one):		
				≤ 10% at-grade surface parking ²¹	10%	
				No surface parking	20%	
				TOTAL T	OD CREDIT =	

F.3 Narrative Discussion of the Feasibility/Infeasibility of 100% LID Treatment:

If project will implement less than 100% LID, prepare a discussion of the feasibility or infeasibility of 100% LID treatment, as described in Appendix K of the C.3 Technical Guidance.

F.4 Select Certified Non-LID Treatment Measures:

If the project will include non-LID treatment measures, select a treatment measure certified for "Basic" General Use Level Designation (GULD) by the Washington State Department of Ecology's Technical Assessment Protocol – Ecology (TAPE). Guidance is provided in Appendix K of the C.3 Technical Guidance (download at www.flowstobay.org).²²

²⁰ To qualify for the location credit, at least 50% of the project's site must be located within the ¼ mile or ½ mile radius of an existing or planned transit hub, as defined on page 1, footnote 2. A planned transit hub is a station on the MTC's Regional Transit Expansion Program list, per MTC's Resolution 3434 (revised April 2006), which is a regional priority funding plan for future transit stations in the San Francisco Bay Area. To qualify for the PDA location credit, 100% of the project site must be located within a PDA, as defined on page 1, footnote 3.

²¹ The at-grade surface parking must be treated with LID treatment measures.

²² TAPE certification is used in order to satisfy Special Project's reporting requirements in the MRP.

Worksheet G (For municipal staff use only)

Yes	☐ No	Name of Reviewer	
th a) Re ilding or cur on a creek, we e ASBS	sidential new cor additions of 3,0 a slope greater t etland, or coastl watershed that	2000 sq. ft. or greater, and with one or both of the following: (1) Sites where devel han or equal to 5:1 (20%), and/or (2) Sites where development will occur within ine; 4) Any public or private project involving work within a waterway; and 5) Site involve soil disturbance. These sites are subject to monthly inspections from Oct	on of a new opment will 100 feet of es within
Yes	□No	If yes, then add site to Staff's Monthly Rainy Season Construction Site Insp	pection List
rvious p ve the p isdiction stems in	aving (see cell I aving system in 's list of sites ne clude pervious	.B.1.e.1) (excluding private-use patios in single family homes, townhomes, or cospected by the jurisdiction upon completion of the installation and the site must be ding inspections at least once every five years – see provision C.3.h. Pervious concrete, pervious asphalt, pervious pavers and grid pavers etc. and are describ	ondominiums) mus be added to the pavement
Yes	☐ No		
		Operations and Maintenance (O&M) Submittals	
ormwate	r Treatment Me	asure and/HM Control Owner or Operator's Information:	
ıme:			
ione:		Email:	
			neasures and/or
e follow	ing questions a _l		Δ.
.4.1 W:	as maintenance		A 1
		•]
			-]
ınual O _l	perations and I	Maintenance (O&M) Submittals (for municipal staff use only):	
			Applicant
mment	s (for municipa	al staff use only):	
	ilding or cur on a creek, we a ASBS or a Section rivious possible in a chnical of the current of	ilding or additions of 3,0 cur on a slope greater to creek, wetland, or coastle ASBS watershed that is a large of the ASBS watershed that is a lar	spections of Sites with Pervious Paving: Starting 7/1/16, Regulated projects that are installing 3,000 provious paving (see cell I.B.1.e.1) (excluding private-use patios in single family homes, townhomes, or cover the paving system inspected by the jurisdiction upon completion of the installation and the site must be inside the provious concrete, pervious at least once every five years – see provision C.3.h. Pervious stems include pervious concrete, pervious asphalt, pervious pavers and grid pavers etc. and are described chical Guidance (Version 4.1) downloadable at: www.flowstobay.org/newdevelopment . Yes No Operations and Maintenance (O&M) Submittals Deminated Treatment Measure and/HM Control Owner or Operator's Information: Inne: Idress: Deminated Treatment Measure and/HM Control Owner or Operator's Information: Inne: Deminated Treatment Measure and receive inspection within 45 days of installation of treatment in hydromodification management controls. Perfollowing questions apply to C.3 Regulated Projects and Hydromodification Management Projects. Yes No N/ 4.1 Was maintenance plan submitted? Deminated Projects and Hydromodification Management Projects. Yes No N/ Attach the executed maintenance agreement as an appendix to this checklist. Innual Operations and Maintenance (O&M) Submittals (for municipal staff use only): In C.3 Regulated Projects and Hydromodification Management Projects, indicate the dates on which the bmitted annual reports for project O&M:

G-7	NOTES (for municipal staff use only):					
	Section I Notes:					
	Worksheet A Notes:					
	Worksheet B Notes:					
	Worksheet C Notes:					
	Worksheet D Notes:					
	Worksheet E Notes:					
	Worksheet F Notes:					
G-8	Project Close-Out (for municipal staff use only):		Yes	No	NA	
8.1	Were final Conditions of Approval met?					
8.2	Was initial inspection of the completed treatment/HM measure (Date of inspection:)	re(s) conducted?				
8.3	Was maintenance plan submitted? (Date executed:)					
8.4	Was project information provided to staff responsible for O&N (Date provided to inspection staff:)					
G-9	Project Close-Out (Continued for municipal staff use only	у):				
Na	me of staff confirming project is closed out:					
Sig	nature: [Date:				
Na	me of O&M staff receiving information:					
Çi.	inaturo:	Noto:				