I. Applicability of C.3 and C.6 Stormwater Requirements

IA. Enter Project Data (For C.3 Regulated Projects: data will be reported in the municipality’s stormwater Annual Report.)

IA.1 Project Name:
2612 Berkeley Way

IA.2 Project Address:
(Include cross-streets):
2612 Berkeley Way

IA.3 Project APN:
57-285-22-1
IA.4 Project Watershed:
Stony Creek Watershed

IA.5 Applicant Name:
Bridge Housing, Jamie Hitchcock
IA.6 Date Submitted:
4/20/2017

IA.7 Applicant Address:
608 California St #350, San Francisco CA 94108
IA.8 Applicant Phone:
415-327-2561
IA.9 Applicant Email Address:
jhitchcock@bridgehousing.com

IA.10 Development type:
☐ Residential ☐ Commercial ☐ Industrial ☐ Mixed-Use ☐ Streams, Roads, etc.
☐ Redesignation, as defined by the Planning, zoning, and building
doing existing impervious surface on a site where no development has occurred.
☐ Special land use categories: as defined by MRP, (1) auto service facilities, (2) retail gasoline
stations, (3) restaurants, (4) un摊ked parking area (ustside or part of a larger project)

IA.11 Project Description:
Construction of new 8-story building with court part in the back.

IA.12 Total Area of Site:
0.81 acres
IA.13 Slope on Site: Approx. 3%

IA.14 Total Area of land disturbed during construction (include clearing, grading, excavating and stockpile areas): 0.81 acres.

I.B. Is the project a “C.3 Regulated Project” per MRP Provision C.3(8)?

I.B.1. Enter the amount of impervious surface* created and/or replaced by the project (if the total amount is 5,000 sq. ft. or more):

<table>
<thead>
<tr>
<th>Type of Impervious Surface</th>
<th>Pre-Project Impervious Surface (sq ft)</th>
<th>Existing Impervious Surface to be Capture (sq ft)</th>
<th>C.3</th>
<th>New Impervious Surface to be Created (sq ft)</th>
<th>Post-project Impervious Surface (sq ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roof area(s) — excluding any portion of the roof that is vegetated (“green roof”)</td>
<td>23,727</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Impervious sidewalks, paths, patios, driveways</td>
<td>4,785</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Impervious unmarked parking</td>
<td>31,827</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Streets (public)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Streets (private)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>31,827</td>
<td>28,512</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Area of Existing Impervious Surface to remain in place</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>N/A</td>
</tr>
</tbody>
</table>

Total New Impervious Surface (sum of totals for roof and common) 28,512

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* Impervious surface is defined by the maps from the Napa County Flood Control District at http://www.napaflodcontrol.com/interactive-maps/impervious-watershed/

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C. Stormwater Requirements Checklist

1. I.B.2. In Item I.B.1, does the Total New Impervious Surface equal 10,000 sq. ft. or more? Yes No NA

2. I.B.3. Does the item I.B.1 Total New Impervious Surface equal 5,000 sq. ft. or more, but less than 10,000 sq. ft.? Yes No

3. I.B.6. If you continued to Item I.B.4, is the project a “C.6 Regulated Project”? Yes No

4. I.B.7. Is the project a Special Land-Use Category per Item I.A.7? For unmarked parking, check "YES" only if there is 5,000 sq. ft. or more unmarked parking. If "NO" go to Item I.B.5 and check "NO". If "YES", go to Item I.B.6 and check "YES".

5. I.B.8. Is the project a C.3 Regulated Project? If "YES", go to Item I.B.6; If "NO", continue to Item I.C.

6. I.B.9. Does the total amount of replaced impervious surface equal 50 percent or more of the Pre-Project Impervious Surface? Yes No NA

7. I.B.10. If you answered "YES" to Item I.B.9, is the project installing a total of 3,000 sq. ft. or more (excluding private-use patios in single family homes, townhomes, or condominiums or new public pavement systems)? Yes No NA

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LMSA
Ladoga Mayall Architects
1922 Fourth Street
Berkeley, CA 94710
415.495.1000

2012 BERKELEY WAY
BERKELEY, CA

SB35 APPLICATION 10/19/2018

C4
STORMWATER CHECKLIST

October 17, 2018

NOTE TO APPLICANT: All projects require appropriate stormwater best management practices (BMPs) during construction. Refer to the Section II to identify appropriate construction BMPs.

NOTE TO MUNICIPAL STAFF: If the answer is “Yes” to I.E.1, I.E.2, or I.E.3 then refer this project to the city engineer to be added to their list of projects that require stormwater inspections at least monthly during the wet season (October 1 through April 30) and other times of the year as appropriate.
II. Implementation of Stormwater Requirements

II.A. Complete the appropriate sections for the project. For non-C.3 Regulated Projects, Sections II.B, II.C, and II.D apply. For C.3 Regulated Projects, all sections of Section II apply.

II.B. Select Appropriate Site Design Measures

- Required for C.3 Regulated Projects.
  - Starting December 1, 2012, 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. of impervious surface, must include one of Site Design Measures a through f.1
  - All other projects are encouraged to implement site design measures, which may be required at municipal discretion.
  - Consult with municipal staff about requirements for your project.

II.B.1 Is the site design measure included in the project plans?

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
<th>Plan Sheet No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- a. Direct roof runoff into cisterns or rain barrels and use rainwater for irrigation or other non-potable use.
- b. Direct roof runoff into 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 surfaces. Use the specifications in the C.3 Technical Guidance (Version 4.1) or for small projects see the BASMAA Pervious Paving FactSheet. For these documents and others go to www.cleanwaterprogram.org and click on "Resources."
- f. Construct bike lanes, driveways, and/or uncovered parking lots with pervious surfaces. Use the specifications in the C.3 Technical Guidance (Version 4.1) or for small projects see the BASMAA Pervious Paving FactSheet. For these documents and others go to www.cleanwaterprogram.org and click on "Resources."
- g. Minimize land disturbance and impervious surface (especially parking lots).
- h. Maximize permeability by clustering development and preserving open space.
- i. Use micro-detention, including distributed landscape-based detention.
- j. Provide sensitive areas, including wetland and riparian areas, and minimize changes to the natural topography.
- C-3
- k. Self-treating area (see Section 4.1 of the C.3 Technical Guidance)
- C-3
- l. Self-retaining area (see Section 4.2 of the C.3 Technical Guidance)
- m. Plant or preserve interception trees (Section 4.5, C.3 Technical Guidance)

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8 See MRP Provision C.3.a.(8) for non-C.3 Regulated Projects. C.3.c.(2)(a) for Regulated Projects. C.3 for projects that create/replace 2,500 to 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.
I.D. Implement Construction Best Management Practices (BMPs) (Applies to all projects – see Provision C.6 for more details.)

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐</td>
<td>☒</td>
</tr>
</tbody>
</table>

- Attach the municipality’s construction BMP plan sheet to project plans and require contractor to implement the applicable BMPs on the plan sheet.
- Temporary erosion controls to stabilize all disturbed areas until permanent erosion controls are established.
- Delineate with field markers clearing limits, easements, setbacks, sensitive or critical areas, buffer zones, trees, and drainage courses.
- Provide notes, specifications, or attachments describing the following:
  - Construction, operation and maintenance of erosion and sediment controls, include inspection frequency.
  - Methods and schedule for grading, excavation, filling, clearing of vegetation, and storage and disposal of excavated or cleaned material.
  - Specifications for vegetative cover & mulch, include methods and schedules for planting and fertilization.
  - Provisions for temporary and/or permanent irrigation.
- ☐ Perform clearing and earth moving activities only during dry weather.
- ☐ Use sediment controls or filtration to remove sediment when desertewing and obtain all necessary permits.
- ☐ Protect all storm drain inlets in vicinity of site using sediment controls such as berms, fiber rolls, or filters.
- ☐ Trap sediment on-site, using BMPs such as sediment basins or traps, earthen dikes or berms, silt fences, check dams, soil blankets or mats, covers for soil stock piles, etc.
- ☐ Divert on-site runoff around exposed areas; divert off-site runoff around the site (e.g., streets and driveways).
- ☐ Protect adjacent properties and undisturbed areas from construction impacts using vegetative buffer strips, sediment barriers or filters, dikes, mulching, or other measures as appropriate.
- ☐ Limit construction access routes and stabilize designated access points.
- ☐ No cleaning, hauling, or maintaining vehicles on-site, except in a designated area where wastewater is contained and treated.
- ☐ Store, handle, and dispose of construction material/dissolutes properly to prevent contact with stormwater.
- ☐ Contractor shall train and provide instruction to all employees/subcontractors on construction BMPs.
- ☐ Control and prevent the discharge of all potential pollutants, including pavement cutting wastes, paints, concrete, petroleum products, chemicals, washer的身份 or sediments, rainwater from architectural copper, and non-stormwater discharges to storm drains and watercourses.

PROJECTS THAT ARE NOT C.3 REGULATED PROJECTS STOP HERE!

October 17, 2018

I.E. Bioretention, Infiltration and Rainwater Harvesting and Use.
MRP 2.0 no longer requires that a feasibility analysis of infiltration and rainwater harvesting be conducted. However, applicants using bioretention are encouraged to maximize infiltration of stormwater if site conditions allow if feasible and desired, infiltration and rainwater harvesting may be cost effective solutions depending on the project.

I.F. Stormwater Treatment Measures (Applies to C.3 Regulated Projects)

II.F.1 Check the applicable box and indicate the treatment measures to be included in the project.

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐</td>
<td>☒</td>
</tr>
</tbody>
</table>

- ☐ Is the project a Special Project? (See Appendix K of the C.3 Technical Guidance for criteria.)
- ☐ If Yes, complete the Special Projects Worksheet (go to the program website at www.citywaterprogram.org and click on ‘Resources’) and consult with municipal staff about the need to prepare a discussion of the feasibility and infeasibility of 100% LD treatment. Indicate the type of non-LD treatment to be used, the hydraulic sizing method, and percentage of the amount of runoff specified in Provision C.3.d that is treated:
  - Non-LD Treatment:
    - Flow-based approach (24)
    - Media filter
  - % of C.3.d amount of runoff treated:
    - 31%
  - ☐ Bioretention area
  - ☐ Hydraulics sizing method
  - Flow-through planter
  - Flow-based approach 2 (c)
  - ☐ Other (specify):

- ☐ Is the project using bioretention to treat the C.3.d amount of runoff?
- ☐ For more information on infiltration and rainwater harvesting and use of stormwater, refer to the C3 Technical Guidance downloadable at the program website: www.citywaterprogram.org
- ☐ If Yes, indicate the treatment measures to be used, and the hydraulic sizing method:
  - Bioretention area
  - ☐ Hydraulics sizing method
  - ☐ Flow-through planter
  - Flow-based approach 2 (c)
  - ☐ Other (specify):

II.F.2 Is the project using infiltration or rainwater harvesting/ use?
- ☐ For more information on infiltration and rainwater harvesting and use of stormwater, refer to the C3 Technical Guidance downloadable at the program website: www.citywaterprogram.org
- ☐ If Yes, indicate the measures to be used, and hydraulic sizing method:
  - LD Treatment Measure (non-stormwater):
    - ☐ Rainwater harvesting and use
    - ☐ Bioretention
  - ☐ Flow-through planter
  - Flow-based approach 2 (c)
  - ☐ Other (specify):

*Hydraulics Sizing Method: Indicate which of the following Provision C.3.d.i) hydraulic sizing methods were used:

   1(a) Urban Runoff Quality Management approach, or
   1(b) 60% capture approach (recommended volume-based approach).
2. Flow-based approach – Refer to Provision C.3.d.i(2):
   2(a) 10% of 50-year peak flow approach,
   2(b) Percentile rainfall intensity approach, or
   2(c) 0.24 hour-hour intensity approach (this is recommended flow-based approach AND the basis for the 4% rule of thumbs described in Section 5.1 of the C.3 Technical Guidance).
3. Combination hydraulic sizing approach – Refer to Provision C.3.d.i(3):
   - If a combination flow and volume design basis was used, indicate which flow-based and volume-based criteria were used.

*See Section 6-1 of the C.3 Technical Guidance for conditions in which bioretention areas provide biokraft.
II. stormwater treatment measures and H M control owner or operator’s information:

name: Bridge housing
address: 600 California St #900, San Francisco, CA 94108
Phone: 415-321-3061  email: lew@bridgehousing.com

Applicant must call for inspection and receive inspection within 45 days of installation of treatment measures and/or hydromodification management controls.

name of applicant completing the form: [signature]

3 Hydromodification is the modification of a stream’s hydrograph, caused in general by increases in flows and durations that result when land is developed (more impervious). The effects of hydromodification include, but are not limited to, increased flood and bank erosion, loss of habitat, increased sediment transport and deposition, and increased flooding. Hydromodification management control measures are designed to reduce these effects.
III.7.b Was initial inspection of the completed treatment/HM measure(s) conducted?
(Date of inspection: __________________________)

III.7.c Was maintenance plan submitted?
(Date executed: __________________________)

III.7.d Was project information provided to staff responsible for O&M verification inspections?
(Date provided to inspection staff: __________________________)

Name of staff confirming project is closed out:
Signature: __________________________ Date: __________________________

Name of O&M staff receiving information:
Signature: __________________________ Date: __________________________

Appendices
Appendix A: O&M Agreement
Appendix B: O&M Annual Report Form

October 17, 2019