Infrastructure Plan Sheets

Downtown West

San José, California

GENERAL NOTES

1. THESE INFRASTRUCTURE PLAN SHEETS ARE CONDITIONAL AS NOTE AND
   REFERENCE INFORMATION FLOODED, OR LOST, IN DATA DESIGN AND
   RESPONSIBILITY. ANY CHANGES MADE TO THE DETAILS AND
   DESIGNATIONS SHOWN MUST BE APPROVED IN WRITING BY THE
   CONTRACTOR BEFORE PROCEEDING.

2. EXISTING CONSTRUCTION INFORMATION SHOWN ON THESE PLANS IS BASED ON
   SURVEY PERFORMED BY THE CONTRACTOR UNDER THE SUPERVISION OF AN
   ICONIC LANDS FROM JANUARY 2020 TO MAY 2020. DATA IS AVAILABLE AT THE
  教學 CENTER OF DATA AT 1171 W 27TH STREET, OCTOBER 2020. THE
   DATA IS AVAILABLE OPTIONAL, SUBJECT TO CHANGE, AND IS SUBJECT TO
   CHANGE AT THE CONTRACTOR’S DISCRETION. ANY CHANGES MADE TO THE
   DETAILS AND DESIGNATIONS MUST BE APPROVED IN WRITING BY THE
   CONTRACTOR BEFORE PROCEEDING.

3. THE DESIGNER SURVEY IS BASED ON EXISTING
   CONSTRUCTION INFORMATION SHOWN ON THESE PLANS IS BASED ON
   SURVEY PERFORMED BY THE CONTRACTOR UNDER THE SUPERVISION OF AN
   ICONIC LANDS FROM JANUARY 2020 TO MAY 2020. DATA IS AVAILABLE AT THE
   教育 CENTER OF DATA AT 1171 W 27TH STREET, OCTOBER 2020. THE
   DATA IS AVAILABLE OPTIONAL, SUBJECT TO CHANGE, AND IS SUBJECT TO
   CHANGE AT THE CONTRACTOR’S DISCRETION. ANY CHANGES MADE TO THE
   DETAILS AND DESIGNATIONS MUST BE APPROVED IN WRITING BY THE
   CONTRACTOR BEFORE PROCEEDING.

4. THE DESIGN SHOWN IN THIS DOCUMENT IS BASED ON STANDARDS AS
   FOUNDED IN THE DOWNTOWN WEST IMPROVEMENT GUIDELINES.

UNAUTHORIZED CHANGE AND USE

1. UNAUTHORIZED CHANGE IN THIS DOCUMENT IS PROHIBITED. THE CONTRACTOR IS NOT
   RESPONSIBLE FOR CONSTRUCTION WASTE, MATERIALS, OR METHODS OUTSIDE OF THE
   PROVISIONS OF THE DOCUMENT. ANY CHANGES MADE TO THE DETAILS AND
   DESIGNATIONS MUST BE APPROVED IN WRITING BY THE CONTRACTOR BEFORE
   PROCEEDING.

2. IF THE DESIGNER CHANGES INFORMATION SHOWN ON THIS SHEET, IT IS
   THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE OWNER OF THE
   CHANGES AND PROVIDE THE CONTRACTOR WITH A WRITTEN APPROVAL.
   ANY CHANGES MADE TO THE DETAILS AND DESIGNATIONS MUST BE
   APPROVED IN WRITING BY THE CONTRACTOR BEFORE PROCEEDING.

3. NO PART OF THE DOCUMENT MAY BE REPRODUCED, DISTRIBUTED, OR AMENDED IN ANY FORM OR BY ANY MEANS, ELECTRONIC, MECHANICAL, OR OTHER, WITHOUT THE WRITTEN CONSENT OF THE CONTRACTOR. ANY REPRODUCTION OR DISTRIBUTION WITHOUT THE EXPRESS WRITTEN CONSENT OF THE CONTRACTOR IS A VIOLATION OF LAW AND MAY RESULT IN LEGAL ACTION.

COVER SHEET

C0.0
NOTES
1. FLOOD ZONES ARE DEFINED AS THE FOLLOWING:
   A. FLOOD ZONE A, AREAS SUBJECT TO THE 1% ANNUAL FLOOD WITH
      FLUSHING FLUENTUS LESS THAN ONE FOOT.
   B. FLOOD ZONE B, AREA SUBJECT TO THE 1% ANNUAL FLOOD WITH
      FLUSHING FLUENTUS OF ONE FOOT OR MORE.
   C. FLOOD ZONE X, AREA SUBJECT TO THE 1% ANNUAL FLOOD WITH
      FLUSHING FLUENTUS LESS THAN ONE FOOT.
2. FEMA FLOOD ZONE BOUNDARIES ARE EFFECTIVE FROM FLOOD INSURANCE
   STUDY (FIS) NUMBER 03010200 DATED FEBRUARY 19, 2014 AND
   FLOOD PLANNING STUDY (FPS) NUMBER 03010200 DATED MAY 16,
   2016.
3. FLOOD ZONE BOUNDARIES ARE DEFINED BY THE LOS GATOS CREEK
   WILDFIRES HYDRAULIC MODEL DATED 07/11/2018.
4. THE PROPOSED FLOOD ZONE IS DEFINED BY THE DOWNTOWN WEST
   INFRASTRUCTURE PLAN.
5. A DETAILED FLOOD HAZARD ANALYSIS WILL BE REQUIRED ON SUBSEQUENT
   DESIGN PHASES FOR ANY PROPOSED BUILDINGS WHICH ARE LOCATED WITHIN
   FLOOD ZONE A, OR ZONE X, TO DETERMINE THE FINAL SITE DESIGN AND
   PERMITS FROM THE CITY OF SAN JOSE.
LEGEND
DEVELOPMENT BOUNDARY
(i) MAJOR CONTOUR
(ii) MINOR CONTOUR
MINOR CONTOUR
RIGHT OF WAY
FACE OF CURB
PROPOSED FLOOD ZONE A
OPEN SPACE
RAILWAY
OVERRIDE FLOW DIRECTION
EXISTING BUILDING TO REMAIN

NOTES
1. THE PROPOSED FLOOD ZONE AND BASE FLOOD ELEVATIONS (DALE) ARE DEFINED BY THE CREEK MIGRATIONS AND ASSOCIATED AS DESCRIBED IN THE DOWNTOWN WEST INFRASTRUCTURE PLAN.
2. ALL AREAS WITH A GOUTHIT SITE, THE FINISH FLOOD ELEVATION, BASE ELEVATION AND THE MINIMUM ELEVATION ARE SUBJECT TO ADJUSTMENTS BASE ON THE INCOME OF THE SITE. PERIODIC ADJUSTMENTS ARE APPROPRIATE. PFA WILL BE FURTHER DETERMINED IN FUTURE DESIGN PHASES.
3. A DETAILED FLOOD ANALYSIS WILL BE REQUIRED IN SUBSEQUENT STAGES BEFORE THE PROJECT IS APPROVED, RESULTING IN THE DETERMINATION OF THE FINAL SITE ORIGIN AND FINISHED FLOOR ELEVATIONS.

GRADING PLAN
C2.2
NOTES:
1. THE PROPOSED FLOOD ZONE AND BASE FLOOD ELEVATIONS (BFE) ARE DEFINED BY THE CREEK MANAGEMENT AREAS 2 AND 3 AS DESCRIBED IN THE DOWNTOWN WEST INFRASTRUCTURE PLAN.
2. AS AGENTS WITH A COUTH BIT, THE FLOOR FLOOD ELEVATION DETAILS WILL DEPEND ON THE MAPPING OF THE CREEK MANAGEMENT AREA 2 AND 3. THE FLOOR FLOOD ELEVATION DETAILS WILL BE FURTHER DETERMINED IN FUTURE DESIGN PHASES.
3. A DETAILED FLOOD ANALYSIS WILL BE REQUIRED AS SUBSEQUENT PROJECTS WILL DEPEND ON THE FLOOD ZONE AND BASE FLOOD ELEVATION DETAILS.

PROPOSED:
- ROAD RECONFIGURATION
- REPLACEMENT

LEGEND:
- Development Boundary
- Minor Contour
- Major Contour
- Right of Way
- Face of Curb
- Open Space
- Railway
- Outline Flow Direction
- Existing Building To Remain
1. The proposed flood zone and base flood elevations (BFEs) are defined by the Creek Alterations and Revisions as described in the DOWNTOWN WEST INFRASTRUCTURE PLAN.

2. In areas with a setback BFE, the finish flood elevation (FFE) shall be determined using a Huber approach. The FFE shall be further determined in future design phases.

3. A detailed flood analysis will be required in subsequent phases, which will be performed by the Contractor upon completion of the final site grading and finished floor elevations.
NOTES:
1. THE PROPOSED FLOOD ZONE AND BASE FLOOD ELEVATIONS (BFEs) ARE DEFINED BY THE CREEK INUNDATION AND VEGETATION AS DESCRIBED IN THE DOWNTOWN WEST INFRASTRUCTURE PLANS.
2. IN AREAS WITH A GROSS BFE, THE FINISHED FLOOR ELEVATIONS, DETAILED IN THE SITE PLANS, ARE MINIMUM ELEVATIONS ALLOWED IN AREAS WITH A GROSS BFE. THE SITE PLANS REQUIRE THAT THE DRY ELEVATIONS ARE APPROXIMATELY 8' ABOVE THE FINISHED FLOOD ELEVATION.
3. A DETAILED FLOOD ANALYSIS WILL BE REQUIRED PRIOR TO SUBMITTING ANY SITE PLANS FOR CONSTRUCTION. THE FINAL SITE PLANS WILL BE REQUIRED PRIOR TO COMMENCEMENT OF THE FINAL SITE WORK AND FINISHED FLOOD ELEVATION(S).
NOTES

1. THE PROPOSED FLOOD ZONE AND BASE FLOOD ELEVATIONS (AFL) ARE DEFINED BY THE CREEK MITIGATION AND RESTORATION AS DESCRIBED IN THE DOWNTOWN WEST INFRASTRUCTURE PLAN.

2. IN AREAS WITH A CATEGORY BF, THE FINISH FLOOD ELEVATION DETAILS DEPEND ON THE MINIMUM ELEVATION ALLOWED IN AREA "B" AS DESCRIBED IN THE CREEK MITIGATION AND RESTORATION PLAN. THE EXACT ELEVATION FOR AREAS WITH A CATEGORY B FLOOD ZONE WILL BE FURTHER DETERMINED IN FUTURE DESIGN PHASES.

3. A DETAILED FLOOD ANALYSIS WILL BE REQUIRED IN SUBSEQUENT PHASES FOR AREAS WITH A CATEGORY A FLOOD ZONE. NO THERMAL BASEMENT WALLS ARE PERMITTED IN AREAS WITH A CATEGORY A FLOOD ZONE. THE EXACT ELEVATION FOR AREAS WITH A CATEGORY A FLOOD ZONE WILL BE DETERMINED IN FUTURE DESIGN PHASES.

4. A DETAILED FLOOD ANALYSIS WILL BE REQUIRED IN SUBSEQUENT PHASES FOR AREAS WITH A CATEGORY B FLOOD ZONE. NO THERMAL BASEMENT WALLS ARE PERMITTED IN AREAS WITH A CATEGORY B FLOOD ZONE. THE EXACT ELEVATION FOR AREAS WITH A CATEGORY B FLOOD ZONE WILL BE DETERMINED IN FUTURE DESIGN PHASES.
PERVIOUS CONCRETE REQUIREMENTS

- PROVIDE CERTIFICATION FROM THE CONCRETE MANUFACTURER THAT THE CONCRETE MEETS THE REQUIREMENTS OF THE DJ COMPLIANCE HANDBOOK FOR PERFOMANCE REQUIREMENTS FOR PERVIOUS PANELS, THIS REQUIREMENT IS NOT LIMITED TO THE PERVIOUS PANELS IN CONCESSION WITH PERVIOUS PANELS.
- PROVIDE A COMPLIANCE HANDBOOK FOR CONSTRUCTION TO THE CONTRACTOR WHICH WILL COVER THE FOLLOWING:
  - MIX DESIGN
  - PLACEMENT
  - SINTERING
  - BULKING
- PROVIDE THE COATED AREA FOR PERVIOUS DISTANCE ACROSS THE CONSTRUCTION TRAFFIC AND PROTECT THE FINISHED PAVEMENT FROM CONSTRUCTION TRAFFIC.

PERVIOUS PAVE REQUIREMENTS

- PROVIDE CERTIFICATION FROM THE PAVE MANUFACTURER THAT THE PAVE MEETS THE REQUIREMENTS OF THE DJ COMPLIANCE HANDBOOK FOR PERVIOUS PANELS. THIS REQUIREMENT IS NOT LIMITED TO THE PERVIOUS PANELS IN CONCESSION WITH PERVIOUS PANELS.
- PROVIDE A COMPLIANCE HANDBOOK FOR CONSTRUCTION TO THE CONTRACTOR WHICH WILL COVER THE FOLLOWING:
  - MIX DESIGN
  - PLACEMENT
  - SINTERING
  - BULKING
- PROVIDE THE COATED AREA FOR PERVIOUS DISTANCE ACROSS THE CONSTRUCTION TRAFFIC AND PROTECT THE FINISHED PAVEMENT FROM CONSTRUCTION TRAFFIC.

INFRASTRUCTURE PLANS
DOWNTOWN WEST
San Jose, California

CITY OF SAN JOSE DETAILS

C5.3
CONCEPTUAL
Stormwater Evaluation Form

INSTRUCTIONS: At minimum, complete Sections 1.a and 2.d of this form and submit it with all Planning Permit applications.

If you answer “yes” to one or both questions below, your project must comply with Provision C.3 of the Municipal Regional Stormwater Permit (MRP) and you must complete the entire form:

- Does your project create or replace 10,000 sq. ft. or more of impervious surface on the project site?
- Does your project involve a restaurant, auto service facility, retail gasoline outlet, uncovered parking lot, or top uncovered portion of a parking structure that creates or replaces 5,000 sq. ft. or more of impervious surface on a project site?

What is an impervious surface? An impervious surface is pavement or other surface covering that prevents land from absorbing and infiltrating rainfall and stormwater. Impervious surfaces include driveways, walkways, parking lots, rooftops and any other continuous watertight covering. Pervious pavement underlain with pervious soil or material, e.g., drain rock, that infiltrates rainfall at a rate equal to or greater than surrounding unpaved areas OR that stores and infiltrates the water quality design volume specified in Provision C.3.d of the MRP, is not considered an impervious surface.

For more information and definitions, see the Stormwater Management web page at www.sanjoseca.gov/planning.

1. USES AND LOCATION

1.a. Are any of these uses included in your project?
Check all that apply.

☑ Restaurant
☐ Retail Fuel Outlet
☑ Uncovered Parking
☐ Auto Service, as categorized by the Standard Industrial Classification (SIC) Codes 5013-5014, 5541, 7532-7534, 7536-7539. Determine your SIC Codes at www.osha.gov. List the applicable SIC Code/s: ____________________________

1.b. Check the watershed in which your project is located.
See the Watershed Maps web page at www.sanjoseca.gov/index.aspx?id=1868

☐ Baylands
☐ Calabazas
☐ Coyote (including Lower Penitencia)
☑ Guadalupe
☐ San Tomas

1.c. Special Project Status
Use the online Special Project Worksheet at www.sanjoseca.gov/index.aspx?NID=1761 to determine if your project qualifies as a Special Project. Does your project qualify?

☐ Yes  Attach the Special Project Worksheet and Narrative to this application.
☑ No

Note: See the Special Projects Worksheet for requirements.

continued>
2. AREA DATA

| 2.a. Enter the Project Phase Number (1, 2, 3, etc. or N/A if Not Applicable): | N/A |
| 2.b. Total area of site: | 79.26 acres |
| 2.c Total area of site that will be disturbed: | 79.26 acres |

### COMPARISON OF IMPERVIOUS AND PERVIOUS AREAS AT PROJECT SITE:

#### 2.d. IMPERVIOUS AREAS - IA

<table>
<thead>
<tr>
<th>Site Totals</th>
<th>Pre-Project Existing IA (sq. ft.)</th>
<th>Existing IA Retained As-Is (^1) (sq. ft.)</th>
<th>Existing IA Replaced with IA (^2) (sq. ft.)</th>
<th>New IA Created (^2) (sq. ft.)</th>
<th>Total Post Project IA (sq. ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total IA</td>
<td>d.1 2,359,289</td>
<td>d.2 0</td>
<td>d.3 2,398,730</td>
<td>d.4 0</td>
<td>d.5 (d.2+d.3+d.4) 2,398,730</td>
</tr>
<tr>
<td>Total New and Replaced IA</td>
<td>d.6 (d.1+d.5) 2,398,730</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Public Street Totals

| Total Public Streets IA \(^3\) | d.8 806,788 | d.9 0 | d.10 698,049 | d.11 0 | d.12 (d.9+d.10) 1,394,097 |
| Total New and Replaced Public Streets IA | d.13 (d.8+d.12) 1,394,097 |
| Total Site and Public Streets IA | d.14 (d.1+d.8) 3,146,077 | d.15 (d.1+d.14) 3,356,077 |

Percent Replacement of IA in Redevelopment Projects \((d.3+d.1) \times 100\): d.16 94.5%

#### 2.e. PERVIOUS AREAS - PA

<table>
<thead>
<tr>
<th>Pre-Project Existing PA (sq. ft.)</th>
<th>Total Post Project PA (sq. ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total PA (^4)</td>
<td>e.1 106,441</td>
</tr>
<tr>
<td>e.2 355,739</td>
<td></td>
</tr>
</tbody>
</table>

#### FOOTNOTES

1. "Retained" in box 2.d.2 means to leave existing IA in place. An IA that goes through maintenance (e.g., pavement resurfacing/sluurry seal/grind), but no change in grade is considered "retained."

2. The “replaced” and “new” IA in boxes 2.d.3 and 2.d.4 are based on the total area of the site and not specific locations on site. For example, impervious parking created over a pervious area is not “new” IA if an equal amount of pervious area replaces IA somewhere else on the site. Constructed IA on a site that does not exceed the Total Pre-Project IA in box 2.d.1 will be considered “replaced” IA.

A site will have “new” IA only if the Total Post-Project IA in box 2.d.5 exceeds the Total Pre-Project IA \((2.d.5 - 2.d.1 = 2.d.4)\).

3. These areas are locations of the public street that are being dedicated (sidewalk or street easement) to the City of San José.

4. Include bioretention areas, infiltration areas, green roofs, and pervious pavement in PA calculations.

3. APPLICABILITY OF PROVISION C.3

3.a. Is 2.c. equal to 1 acre or more?

- [x] Yes. Applicant must obtain coverage under the State Construction General Permit.
- [ ] No. Applicant does not need coverage under the State Construction General Permit.

3.b. Is box 2.d.6 equal to 10,000 sq. ft. or more for any type of project, or 5,000 sq. ft. or more for restaurants, auto service facilities, retail gas outlets, and uncovered parking?

- [x] Yes. Site Design, Source Control, and Treatment System requirements will all apply to the project area.
- [ ] No. Site Design and Source Control requirements may apply; check with local agency.

3.c. Is box 2.d.16 equal to or greater than 50%?

- [x] Yes. Site Design, Source Control, and Treatment System requirements all apply to the entire site.
- [ ] No. Site Design, Source Control, and Treatment System requirements only apply to the area of site that is disturbed.
3.d. Indicate the Provision C.3 measures to be applied to your project. Check all that apply:

<table>
<thead>
<tr>
<th>SITE DESIGN MEASURES</th>
<th>SOURCE CONTROL MEASURES</th>
<th>TREATMENT SYSTEMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROTECTION MEASURES</td>
<td></td>
<td>NONE</td>
</tr>
<tr>
<td>☑ Protect existing trees, vegetation, and soil.</td>
<td>☑ Beneficial landscaping 4</td>
<td>☑ Impervious surfaces drain to one or more self-retaining areas that are sized per the design criteria listed in the C.3 Stormwater Handbook.</td>
</tr>
<tr>
<td>☑ Protect riparian and wetland areas/ buffers (Riparian setback: _____ ft.) 1</td>
<td>☑ Use water efficient irrigation systems.</td>
<td>☑ Rainwater harvest and use (e.g., cistern or rain barrel sized for C.3.d treatment)</td>
</tr>
<tr>
<td>☐ Preserve open space and natural drainage patterns: _____ sq. ft.</td>
<td>☑ Good housekeeping, e.g., sweep pavement and clean catch basin.</td>
<td>☑ Infiltration well/dry well</td>
</tr>
<tr>
<td>☑ Rainwater harvesting and use (e.g., rain barrel, cistern connected to roof drains) 2</td>
<td>☑ Label storm drains.</td>
<td>☑ Infiltration trench</td>
</tr>
<tr>
<td>LANDSCAPE DESIGN MEASURES</td>
<td>☑ Connect to the sanitary sewer: 3</td>
<td>☑ Subsurface Infiltration System (e.g. vault or large diameter pipe over drain rock)</td>
</tr>
<tr>
<td>☑ Direct runoff from roofs, sidewalks, patios to landscape areas.</td>
<td>☑ Covered trash/recycling enclosures</td>
<td></td>
</tr>
<tr>
<td>☑ Plant trees adjacent to and in parking areas and adjacent to other impervious areas.</td>
<td>☑ Interior parking structures</td>
<td></td>
</tr>
<tr>
<td>DESIGN MEASURES TO MINIMIZE IMPERVIOUS SURFACE AREA</td>
<td>☑ Wash area/racks</td>
<td></td>
</tr>
<tr>
<td>☑ Reduce existing impervious surfaces.</td>
<td>☑ Pools, spas, fountains</td>
<td></td>
</tr>
<tr>
<td>☑ Cluster structures/pavement.</td>
<td>☑ Covered loading docks and maintenance bays</td>
<td></td>
</tr>
<tr>
<td>☑ Create new pervious areas:</td>
<td>☑ Pumped groundwater</td>
<td></td>
</tr>
<tr>
<td>☑ Landscaping</td>
<td>☑ Industrial, outdoor material storage, and recycling facilities must (all required):</td>
<td>☑ Other: ________________</td>
</tr>
<tr>
<td>☑ Parking stalls</td>
<td>- Be graded to prevent ponding.</td>
<td>☑ Tree well filter or trench with bioretention soils 5</td>
</tr>
<tr>
<td>☑ Walkways and patios</td>
<td>- Use a concrete surface.</td>
<td>☑ Other: ________________</td>
</tr>
<tr>
<td>☑ Emergency vehicle access</td>
<td>- Be separated from the site by a grade break to prevent run-on.</td>
<td></td>
</tr>
<tr>
<td>☑ Private streets and sidewalks</td>
<td>- Have a canopy cover extending at least 10 feet from each pump.</td>
<td></td>
</tr>
<tr>
<td>☑ Install a Green Roof on all or a portion of the roof.</td>
<td>☑ Industrial, outdoor material storage, and recycling facilities must (all required):</td>
<td></td>
</tr>
<tr>
<td>☑ Parking:</td>
<td>- Stockpile material on an impervious surface or under a permanent roof or covering.</td>
<td></td>
</tr>
<tr>
<td>☑ On top of or under buildings</td>
<td>- Direct ponded water to the sanitary sewer, 2 an on-site treatment system, or off-site disposal.</td>
<td></td>
</tr>
<tr>
<td>☑ Not provided in excess of Code</td>
<td>- Install berms or curbs to prevent runoff from the storage/processing areas.</td>
<td></td>
</tr>
<tr>
<td>☑ Other: ________________</td>
<td>- Segregate pollutant-generating activities into a distinct drainage management area and provide treatment.</td>
<td></td>
</tr>
<tr>
<td>☑ Other: ________________</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

FOOTNOTES
1. Per Council Policy 6-34, setback is measured from the outside dripline of the Riparian Corridor vegetation or top-of-bank, whichever is greater.
2. As a site design measure, it does not have to be sized to comply with Provision C.3.d treatment requirements.
3. Subject to the requirements of the sanitary sewer authority.
4. Landscaping that minimizes irrigation and runoff, promotes surface infiltration where possible, and minimizes the use of pesticides and fertilizers.
5. Bioretention soils shall infiltrate runoff at a minimum of 5 inches per hour during the life of the facility and sustain healthy, vigorous plant growth.
6. These treatment measures are only allowed if the project qualifies as a Special Project.
7. These treatment measures are only allowed as part of a multi-step treatment process (i.e. pretreatment).

continued>
4. TREATMENT SYSTEM SIZING FOR PROJECTS WITH TREATMENT REQUIREMENTS

For each treatment system component, indicate the hydraulic sizing criteria used and provide the calculated design flow or volume to be treated:

<table>
<thead>
<tr>
<th>Treatment System Component</th>
<th>Hydraulic Sizing Criteria</th>
<th>Design Flow or Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Enter numbers from Table below</td>
<td>cfs or cu.ft.</td>
</tr>
<tr>
<td>Bioretention</td>
<td>2c - Simplified Method</td>
<td></td>
</tr>
</tbody>
</table>

CODING TABLE FOR HYDRAULIC SIZING CRITERIA

Enter the appropriate number in the above column

| 2c: Flow – Uniform Intensity Method |

5. HYDROMODIFICATION MANAGEMENT (HM) APPLICABILITY

5.a. Does the project create and/or replace one acre or more of impervious surface AND create an increase in total impervious surface from the pre-project condition (from page 2, is 2d.5 > 2d.1 AND 2d.6 is > one acre)?

☑ Yes. Continue to Question 5.b.
☑ No. Project is exempt from Hydromodification Management.

5.b. Is the project located in the green “Subwatersheds less than 65% Impervious” area on the HM Applicability Map?

☑ Yes. Project must implement HM requirements. Continue to Question 5.c.
☑ No. Project is exempt from Hydromodification Management.

5.c. If Yes to 5.b, select the specific flow duration controls for Hydromodification Management.

Check all that apply:
☐ Extended Detention Basin
☐ Underground tank or vault
☐ Bioretention with outlet control
☐ Other: ________________________________

6. OPERATION & MAINTENANCE (O&M) CONTACT INFORMATION

Please enter the contact information of the Responsible Party for Stormwater Treatment/Hydromodification Control O&M:

<table>
<thead>
<tr>
<th>NAME</th>
<th>MAILING ADDRESS</th>
<th>EMAIL/PHONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESPONSIBLE PARTY IN CHARGE OF O&amp;M</td>
<td>STREET:</td>
<td>EMAIL:</td>
</tr>
<tr>
<td>NAME:</td>
<td>CITY:</td>
<td>ZIP:</td>
</tr>
<tr>
<td>FIRM NAME IF ANY:</td>
<td>PHONE:</td>
<td></td>
</tr>
</tbody>
</table>

7. FORM COMPLETED BY

Alyson Goulden

9/15/2020

PRINT NAME

DATE