

Service Provider Letter

This form and the attached conditions will serve as your Service Provider Letter in accordance with Clean Water Services Design and Construction Standards (R&O 19-5, as amended by R&O 19-22).

Jurisdiction:	<u>City of Sherwood</u>	Review Type:	<u>Tier 2 Analysis</u>
Site Address / Location:	<u>20555 SW Gerda Ln</u> <u>Sherwood, OR 97140</u>	SPL Issue Date:	<u>April 14, 2020</u>
		SPL Expiration Date:	<u>April 14, 2022</u>

Applicant Information:

Name BOB GALATI
 Company CITY OF SHERWOOD
 Address 22560 SW PINE ST
SHERWOOD OR 97140
 Phone/Fax (503) 925-2303
 E-mail: galatib@sherwoodoregon.gov

Owner Information:

Name _____
 Company CITY OF SHERWOOD
 Address 22560 SW PINE ST
SHERWOOD OR 97140
 Phone/Fax (503) 925-2303
 E-mail: galatib@sherwoodoregon.gov

Tax lot ID

2S129A000100, 300, 301,
& 400

Development Activity

Rock Creek Sanitary Sewer Trunk Line Upsizing

Pre-Development Site Conditions:

Sensitive Area Present: On-Site Off-Site
 Vegetated Corridor Width: Variable
Good/Marginal/Degraded
 Vegetated Corridor Condition: _____

Post Development Site Conditions:

Sensitive Area Present: On-Site Off-Site
 Vegetated Corridor Width: Variable

Enhancement of Remaining Vegetated Corridor Required:

Square Footage to be enhanced: 67,936

Encroachments into Pre-Development Vegetated Corridor:

Type and location of Encroachment:	Square Footage:
<u>Manholes (Permanent encroachment; No mitigation required under 100 SF)</u>	<u>76</u>
<u>Sanitary sewer line (Temporary encroachment; Restoration and planting in-place required)</u>	<u>26,277</u>

Mitigation Requirements:

Type/Location	Sq. Ft./Ratio/Cost
<u>Temporary encroachments mitigated in-place</u>	<u>26,277</u>

Conditions Attached Development Figures Attached (7) Planting Plan Attached Geotech Report Required

This Service Provider Letter does NOT eliminate the need to evaluate and protect water quality sensitive areas if they are subsequently discovered on your property.

In order to comply with Clean Water Services water quality protection requirements the project must comply with the following conditions:

1. No structures, development, construction activities, gardens, lawns, application of chemicals, uncontained areas of hazardous materials as defined by Oregon Department of Environmental Quality, pet wastes, dumping of materials of any kind, or other activities shall be permitted within the sensitive area or Vegetated Corridor which may negatively impact water quality, except those allowed in R&O 19-5, Chapter 3, as amended by R&O 19-22.
2. Prior to any site clearing, grading or construction the Vegetated Corridor and water quality sensitive areas shall be surveyed, staked, and temporarily fenced per approved plan. During construction the Vegetated Corridor shall remain fenced and undisturbed except as allowed by R&O 19-5, Section 3.06.1, as amended by R&O 19-22 and per approved plans.
3. **Prior to any activity within the sensitive area, the applicant shall gain authorization for the project from the Oregon Department of State Lands (DSL) and US Army Corps of Engineers (USACE). The applicant shall provide Clean Water Services or its designee (appropriate city) with copies of all DSL and USACE project authorization permits.**
4. An approved Oregon Department of Forestry Notification is required for one or more trees harvested for sale, trade, or barter, on any non-federal lands within the State of Oregon.
5. **Prior to ground disturbing activities, an erosion control permit is required. Appropriate Best Management Practices (BMP's) for Erosion Control, in accordance with Clean Water Services' Erosion Prevention and Sediment Control Planning and Design Manual, shall be used prior to, during, and following earth disturbing activities.**
6. Prior to construction, a Stormwater Connection Permit from Clean Water Services or its designee is required pursuant to Ordinance 27, Section 4.B.
7. Activities located within the 100-year floodplain shall comply with R&O 19-5, Section 5.10, as amended by R&O 19-22.
8. Removal of native, woody vegetation shall be limited to the greatest extent practicable.
9. **Should final development plans differ significantly from those submitted for review by Clean Water Services, the applicant shall provide updated drawings, and if necessary, obtain a revised Service Provider Letter.**
10. The Vegetated Corridor width for sensitive areas within the project site shall be a minimum of 50 feet wide, as measured horizontally from the delineated boundary of the sensitive area.
11. For Vegetated Corridors up to 50 feet wide, the applicant shall enhance the entire Vegetated Corridor to meet or exceed good corridor condition or as approved in attached figures consistent with Linear Development Projects as defined in R&O 19-5, Section 3.12 and 3.14.2, Table 3-3, as amended by R&O 19-22.
12. **Removal of invasive non-native species by hand is required in all Vegetated Corridors rated ""good."" Replanting is required in any cleared areas larger than 25 square feet using low impact methods. The applicant shall calculate all cleared areas larger than 25 square feet prior to the preparation of the required Vegetated Corridor enhancement/restoration plan.**
13. Prior to any site clearing, grading or construction, the applicant shall provide Clean Water Services with a Vegetated Corridor enhancement/restoration plan. Enhancement/restoration of the Vegetated Corridor shall be provided in accordance with R&O 19-5, Appendix A, as amended by R&O 19-22, and shall include planting specifications for all Vegetated Corridor, including any cleared areas larger than 25 square feet in Vegetated Corridor rated ""good.""
14. Prior to installation of plant materials, all invasive vegetation within the Vegetated Corridor shall be removed per methods described in Clean Water Services' Integrated Pest Management Plan, 2019. During removal of invasive vegetation care shall be taken to minimize impacts to existing native tree and shrub species.
15. Clean Water Services and/or City shall be notified 72 hours prior to the start and completion of enhancement/restoration activities. Enhancement/restoration activities shall comply with the

guidelines provided in Planting Requirements (R&O 19-5, Appendix A, as amended by R&O 19-22).

16. **Maintenance and monitoring requirements shall comply with R&O 19-5, Section 2.12.2, as amended by R&O 19-22. If at any time during the warranty period the landscaping falls below the 80% survival level, the owner shall reinstall all deficient planting at the next appropriate planting opportunity and the two year maintenance period shall begin again from the date of replanting.**
17. **Performance assurances for the Vegetated Corridor shall comply with R&O 19-5, Section 2.07.2, Table 2-1 and Section 2.11, Table 2-2, as amended by R&O 19-22.**
18. **Clean Water Services will require an easement over the Water Quality Sensitive Area and Vegetated Corridor conveying storm and surface water management to Clean Water Services or the City that would prevent the owner of the Vegetated Corridor from activities and uses inconsistent with the purpose of the corridor and any easements therein.**

FINAL PLANS

19. **Final construction plans shall include landscape plans.** In the details section of the plans, a description of the methods for removal and control of exotic species, location, distribution, condition and size of plantings, existing plants and trees to be preserved, and installation methods for plant materials is required. Plantings shall be tagged for dormant season identification and shall remain on plant material after planting for monitoring purposes.
20. **A Maintenance Plan shall be included on final plans** including methods, responsible party contact information, and dates (minimum two times per year, by June 1 and September 30).
21. **Final construction plans shall clearly depict the location and dimensions of the sensitive area and the Vegetated Corridor** (indicating good, marginal, or degraded condition). Sensitive area boundaries shall be marked in the field.
22. Protection of the Vegetated Corridors and associated sensitive areas shall be provided by the installation of permanent fencing and signage between the development and the outer limits of the Vegetated Corridors. **Fencing and signage details to be included on final construction plans.**

This Service Provider Letter is not valid unless CWS-approved site plan is attached.

Please call (503) 681-3653 with any questions.



**Lindsey Obermiller
Environmental Plan Review**

Attachments (7)

COLOR COPY
 CWS FILE NO. 20-000667
 Approved
 Clean Water Services
 FOR ENVIRONMENTAL REVIEW
 By LO Date 04/14/2020
 SPL ATTACHMENT 1 OF 7

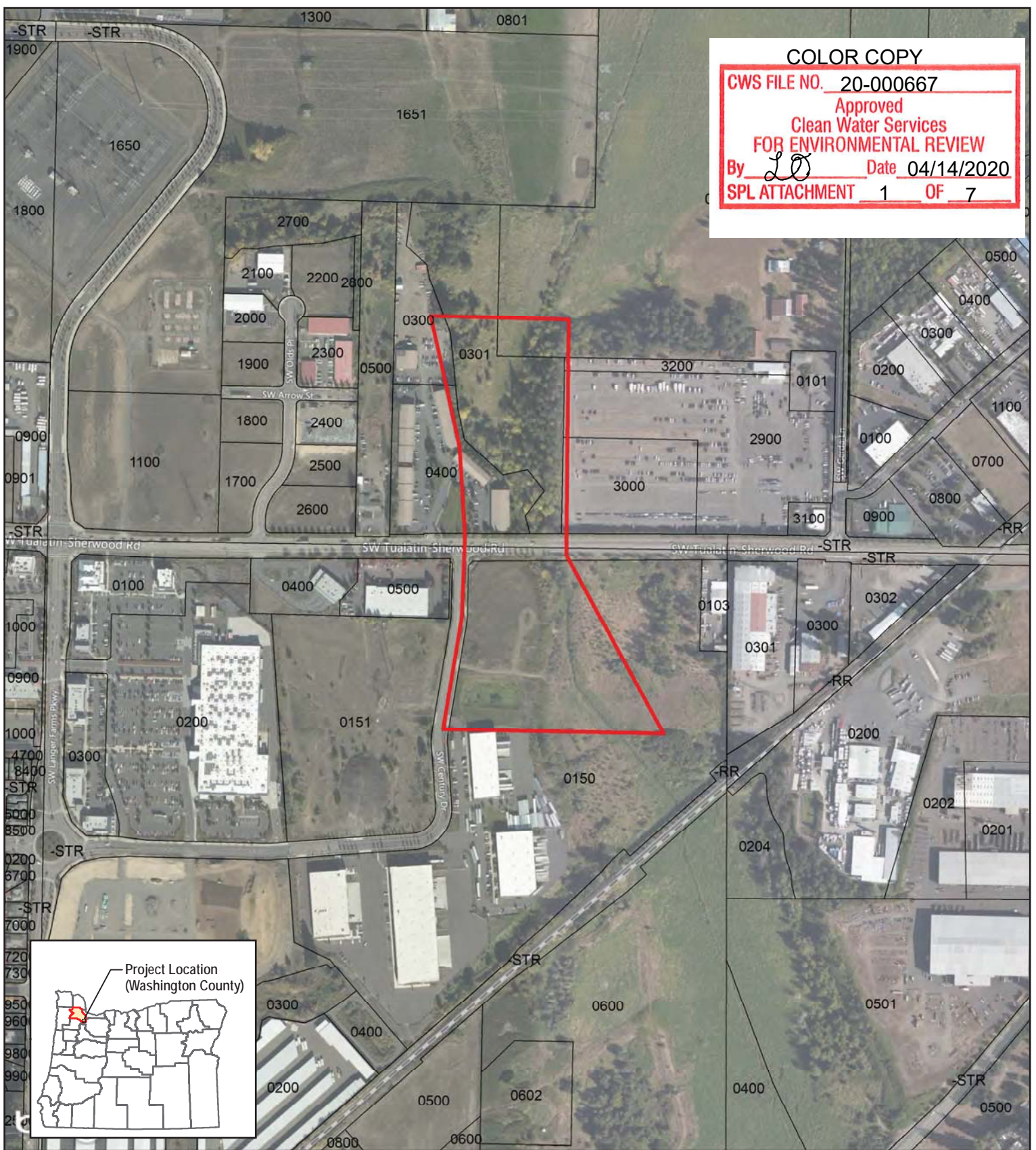



Figure 1.
 Project Vicinity Map

 Project Study Area (PSA)
 AreaTaxLots

Rock Creek Sanitary Trunk Upsizing Project
 City of Sherwood
 Washington County, Oregon



Source: Aerial imagery from Microsoft Bing; parcels from RLIS; project study area from MB&G. Reproduced for informational purposes and may not be suitable for legal, engineering, or surveying purposes. Conclusions drawn from such information are the responsibility of the user.



1 inch = 500 feet
 0 125 250 500 Feet

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SPL ATTACHMENT 2 OF 7

Summary of Permanent VC Encroachment

Non-Native Scrub-Shrub, Degraded = 13 sf
Riparian Forested, Degraded = 35 sf
Riparian Forested, Good = 28 sf

Summary of Temporary VC Encroachment

Herbaceous Maintained, Degraded = 1,696 sf
Non-Native Scrub-Shrub, Degraded = 6,863 sf
Riparian Forested, Degraded = 13,766 sf
Riparian Forested, Good = 3,490 sf
Riparian Forested, Marginal = 462 sf

Summary of Proposed Enhancement

Degraded Condition VC = 25,225 sf
Good Condition VC = 44,725 sf
Marginal Condition VC = 3,090 sf

Parcel Owned by
City of Sherwood

Parcel Owned by
U.S. Dept. of Interior
(USFWS)

Parcel Owned by
TMK Properties LLC

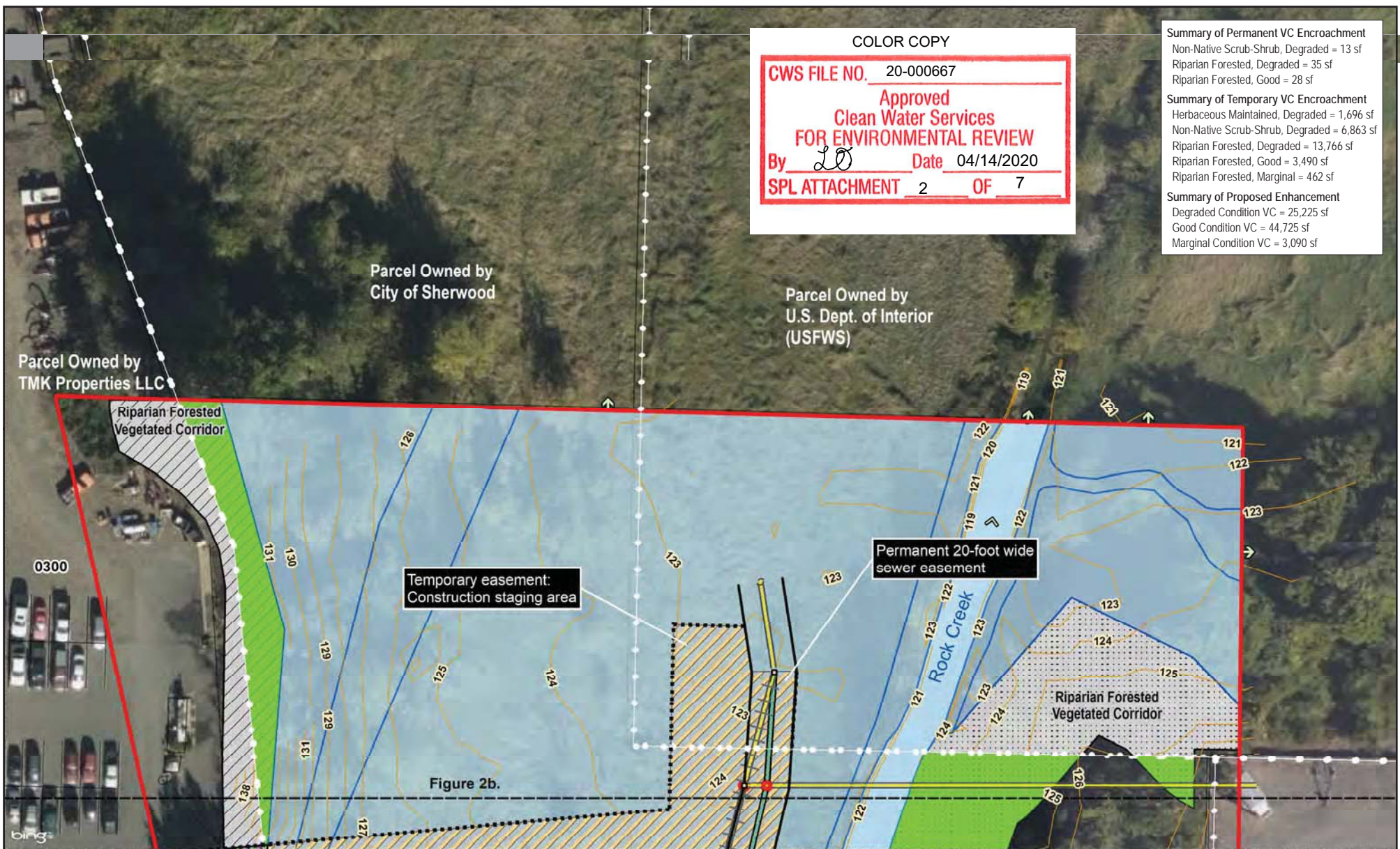
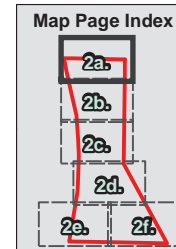
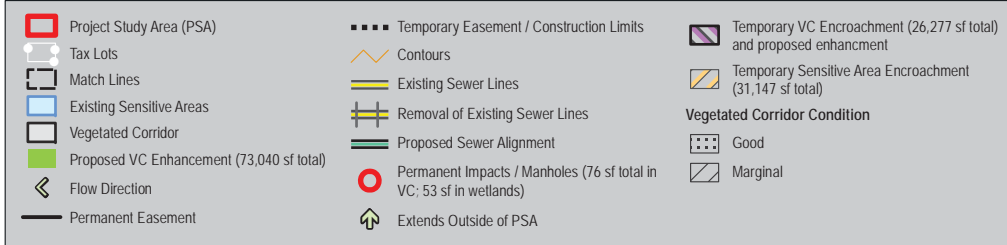


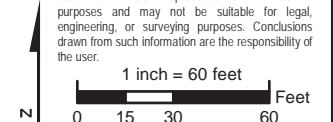
Figure 3a.
Proposed Development and
Final Conditions Figure

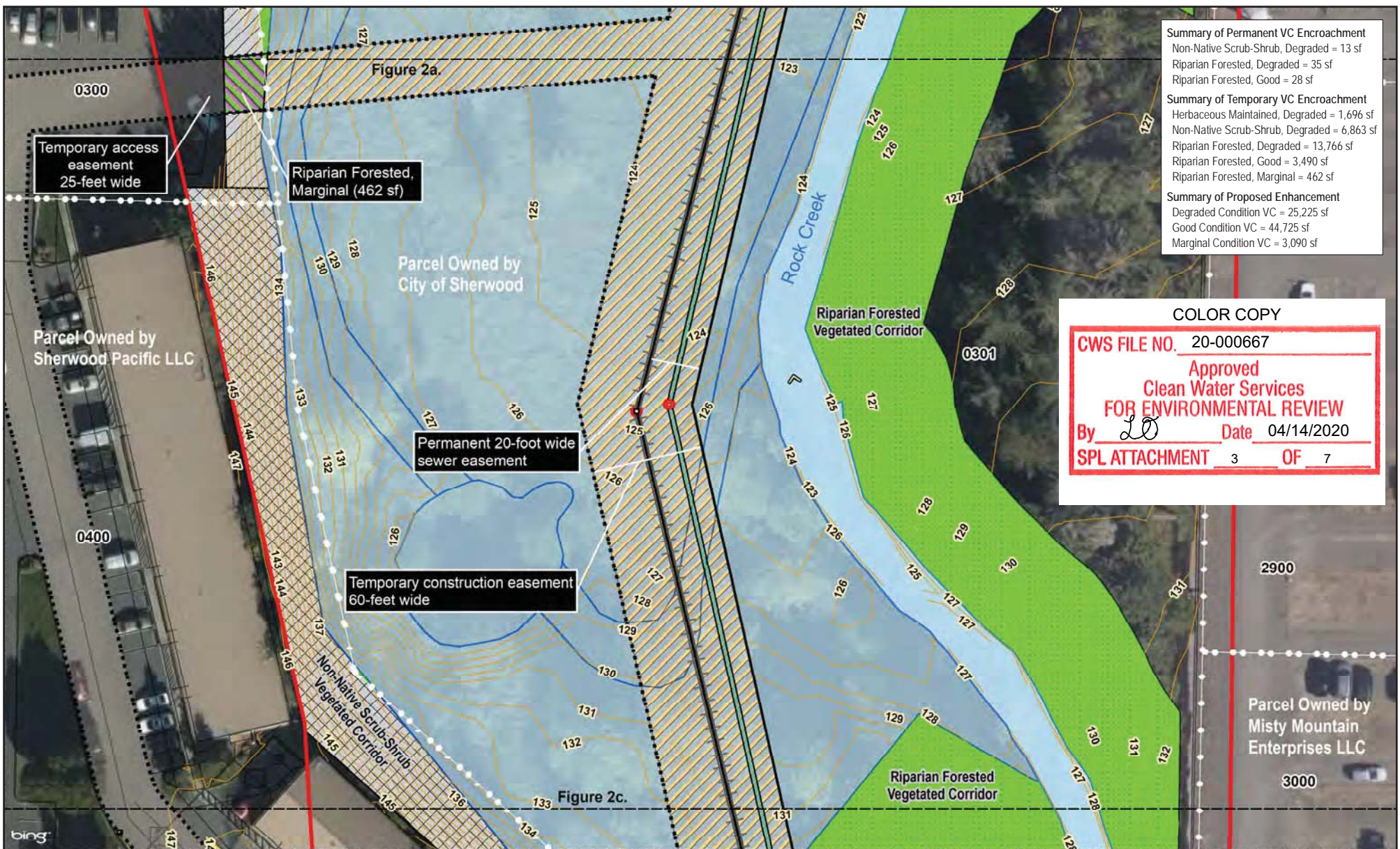
Rock Creek Sanitary Trunk Upsizing Project
City of Sherwood
Washington County, Oregon



MB&G

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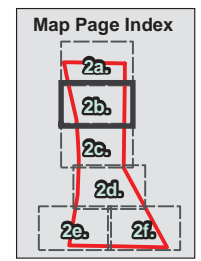
By *LD* Date 04/14/2020

SPL ATTACHMENT 3 OF 7

Figure 3b.
Proposed Development and
Final Conditions Figure

Rock Creek Sanitary Trunk Upsizing Project
 City of Sherwood
 Washington County, Oregon

Project Study Area (PSA)	Temporary Easement / Construction Limits	Temporary VC Encroachment (26,277 sf total) and proposed enhancement
Tax Lots	Contours	Temporary Sensitive Area Encroachment (31,147 sf total)
Match Lines	Existing Sewer Lines	Vegetated Corridor Condition
Existing Sensitive Areas	Removal of Existing Sewer Lines	Degraded
Vegetated Corridor	Proposed Sewer Alignment	Good
Proposed VC Enhancement (73,040 sf total)	Permanent Impacts / Manholes (76 sf total in VC; 53 sf in wetlands)	Marginal
Flow Direction		
Permanent Easement		

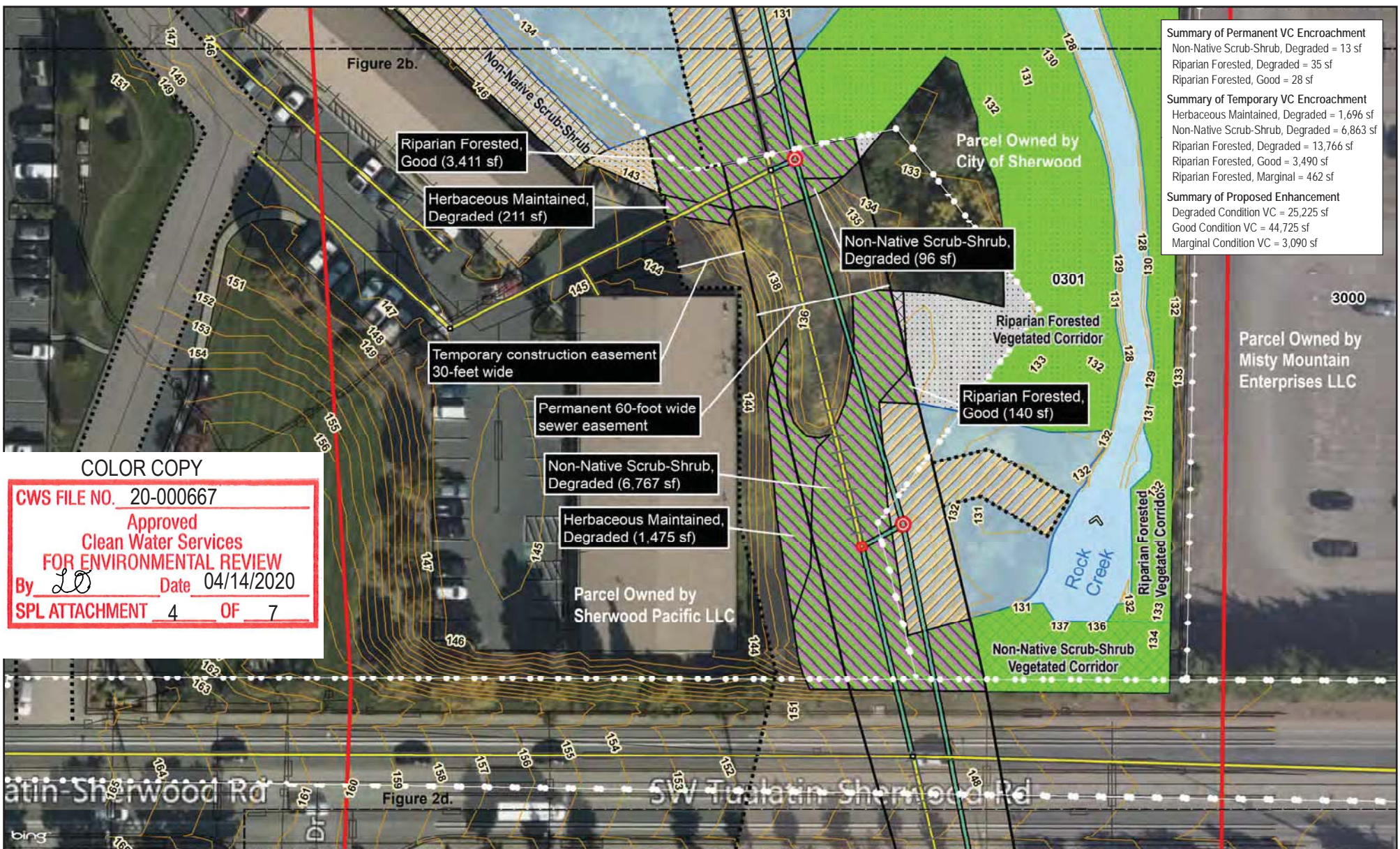


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1 inch = 60 feet

0 15 30 60 Feet

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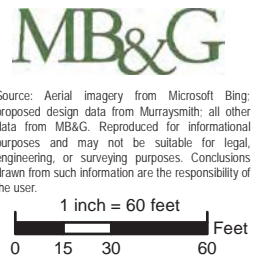
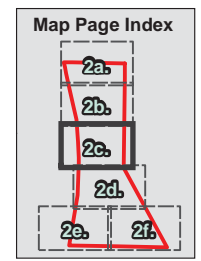
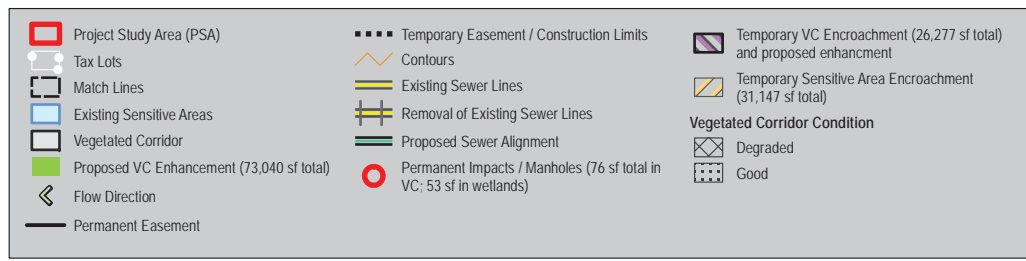
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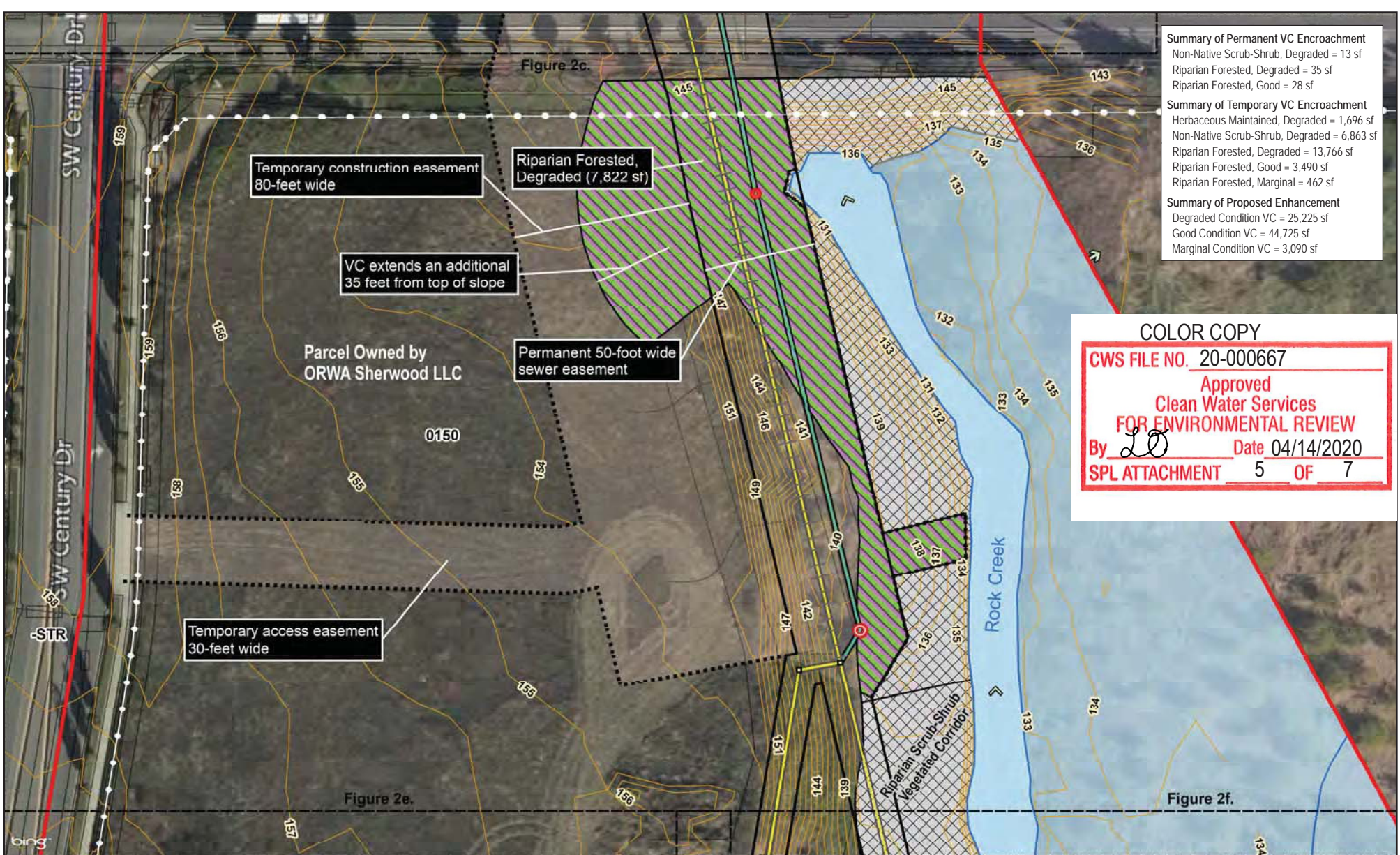
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Figure 3c.
Proposed Development and
Final Conditions Figure



Rock Creek Sanitary Trunk Upsizing Project
 City of Sherwood
 Washington County, Oregon



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SPL ATTACHMENT 5 OF 7

Figure 3d.
Proposed Development and
Final Conditions Figure

Rock Creek Sanitary Trunk Upsizing Project
 City of Sherwood
 Washington County, Oregon

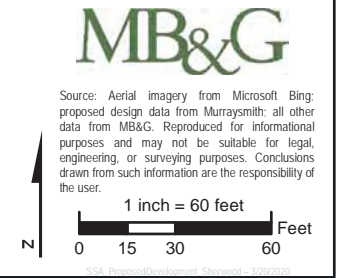
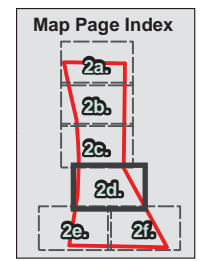
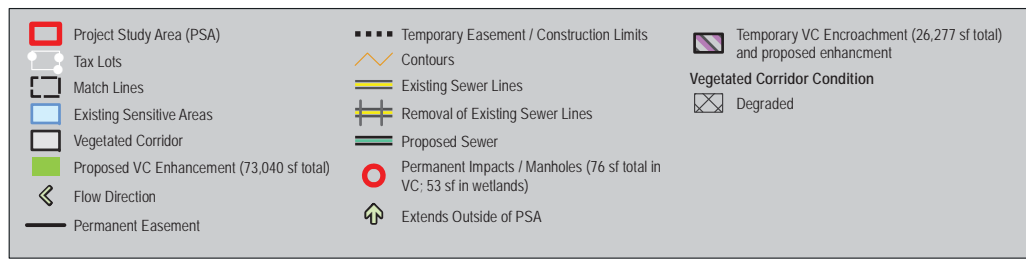
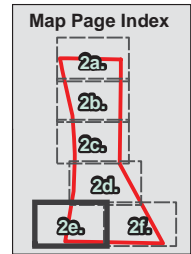
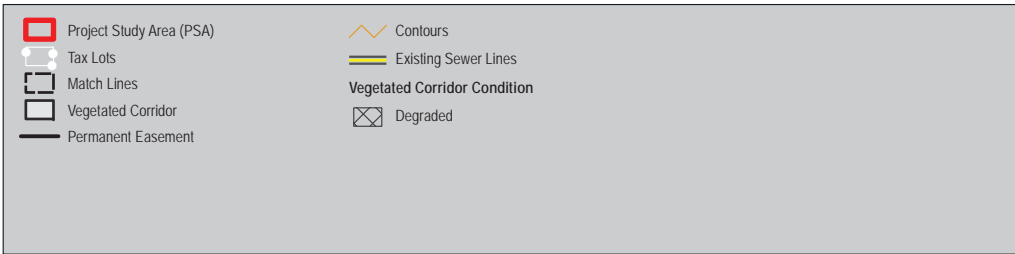


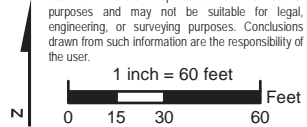


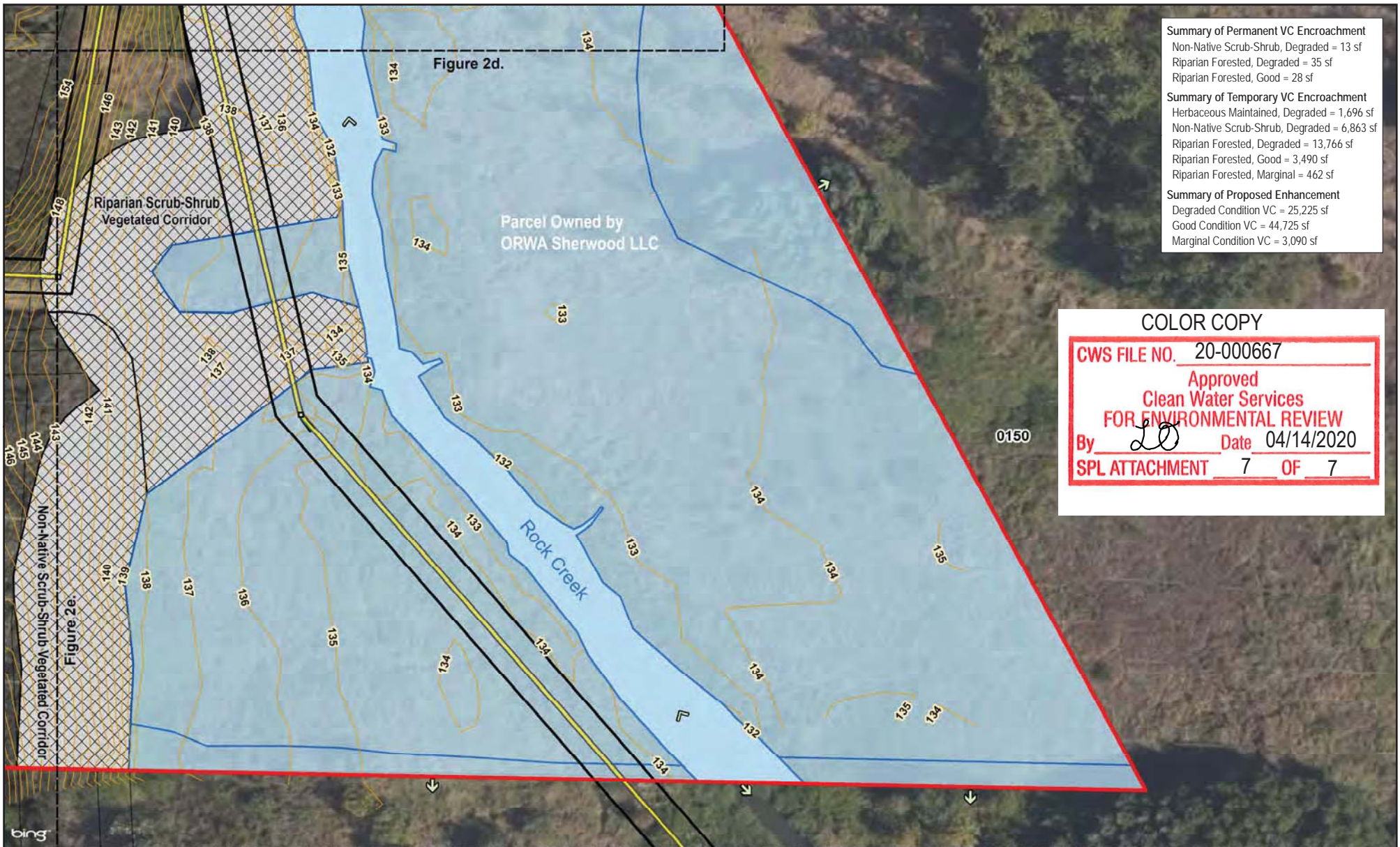
Figure 3e.
Proposed Development and
Final Conditions Figure

Rock Creek Sanitary Trunk Upsizing Project
 City of Sherwood
 Washington County, Oregon



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SPL ATTACHMENT 7 OF 7

Figure 3f.
Proposed Development and
Final Conditions Figure

Rock Creek Sanitary Trunk Upsizing Project
 City of Sherwood
 Washington County, Oregon

Project Study Area (PSA)	Contours
Tax Lots	Existing Sewer Lines
Match Lines	Proposed Sewer Alignment
Existing Sensitive Areas	Extends Outside of PSA
Vegetated Corridor	Vegetated Corridor Condition
Flow Direction	Degraded
Permanent Easement	

Map Page Index

MB&G

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0 15 30 60 Feet

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