

Service Provider Letter

CWS F	ile Number	
	18-000921	

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 17-5).

Jurisdiction:	City of Beaverton	Review Type:	Tier 2 Anal	Tier 2 Analysis		
Site Address	City of Hillsboro Along SW Tualatin Sherwood Rd, SW Roy Rogers Rd, SW Tile Flat Rd, SW Grabhorn Rd, SW Farmington Rd, SW Rosedale, & SW 209 th Ave.	SPL Issue Date:	July 03, 20	18		
/ Location:	Beaverton, OR 97006	SPL Expiration Date: July 03, 2				
Applicant Inform	nation:	Owner beforest				
Applicant Information: Name JOHN MACKLIN		Owner Information	Name NIKI IVERSON			
Company	DAVID EVANS & ASSOCIATES	Company	WILLAMETTE WATER PROGRAM	AMETTE WATER SUPPLY GRAM		
Address	2100 SW RIVER PKWY	Address	1500 NW BETHANY BLVD #305			
Address	PORTLAND OR 97201		BEAVERTON, OR 97006			
Phone/Fax	(503) 449-0572	Phone/Fax	503-615-6770			
E-mail:	jdm@deainc.com	E-mail:	niki.iverson@hillsboro-oregon.gov			
Tax lot ID Multiple Tax lots Development Activity Willamette Water Supply Program – Water Utility Line						
Pre-Development Site Conditions: Sensitive Area Present: X On-Site X Off-Site Vegetated Corridor Width: Variable Vegetated Corridor Condition: Aded Post Development Site Conditions: Sensitive Area Present: X On-Site X Off-Site Vegetated Corridor Width: Variable Vegetated Corridor Width: Variable Vegetated Corridor Width: Variable						
Enhancement of Vegetated Corri		Square Footage	to be enhanced:	6,970 (½ on-site, ½ off-site)		
Encroachments into Pre-Development Vegetated Corridor:						
Type and location Water utility line (Water utility line (Square Footage: 48,560 137,650					
Mitigation Requirements:						
Type/Location Off-site Enhancer planted off-site fo	Sq. Ft./Ratio/Cost 60,984/1:17					
Conditions Attached Development Figures Attached (25) 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:

- 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 17-5, Chapter 3.
- 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 17-5, Section 3.06.1 and per approved plans.
- 3. If there is 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 17-5, Section 5.10.
- 8. Removal of native, woody vegetation shall be limited to the greatest extent practicable.
- 9. The water quality swale and detention pond shall be planted with Clean Water Services approved native species, and designed to blend into the natural surroundings.
- 10. 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.
- 11. Should areas currently outside the Districts boundary annex in prior to project permitting, additional information and updates to the Service Provider Letter must be made to include the associated areas.
- 12. To address the phased programmatic approach to this project, additional information documenting current site conditions and updated project details for an updated Service Provider Letter, may be required.
- 13. 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.
- 14. For Vegetated Corridors up to 50 feet wide, the applicant shall enhance the entire Vegetated Corridor to meet or exceed good corridor condition as defined in R&O 17-5, Section 3.14.2, Table 3-3 or within the permanent easement for Linear Development Projects where the applicant does not own or control the property.
- 15. 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.
- 16. 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 17-5, Appendix A, and shall

- include planting specifications for all Vegetated Corridor, including any cleared areas larger than 25 square feet in Vegetated Corridor rated ""good.""
- 17. Prior to installation of plant materials, all invasive vegetation within the Vegetated Corridor shall be removed per methods described in Clean Water Services' Integrated Vegetation and Animal Management Guidance, 2003. During removal of invasive vegetation care shall be taken to minimize impacts to existing native tree and shrub species.
- 18. Clean Water Services 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&0 17-5, Appendix A).
- 19. Maintenance and monitoring requirements shall comply with R&O 17-5, Section 2.12.2. 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.
- 20. Performance assurances for the Vegetated Corridor shall comply with R&O 17-5, Section 2.07.2, Table 2-1 and Section 2.11, Table 2-2.
- 21. Clean Water Services may 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

- 22. 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.
- 23. 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).
- 24. 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.
- 25. 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/or signage details to be included on final construction plans.

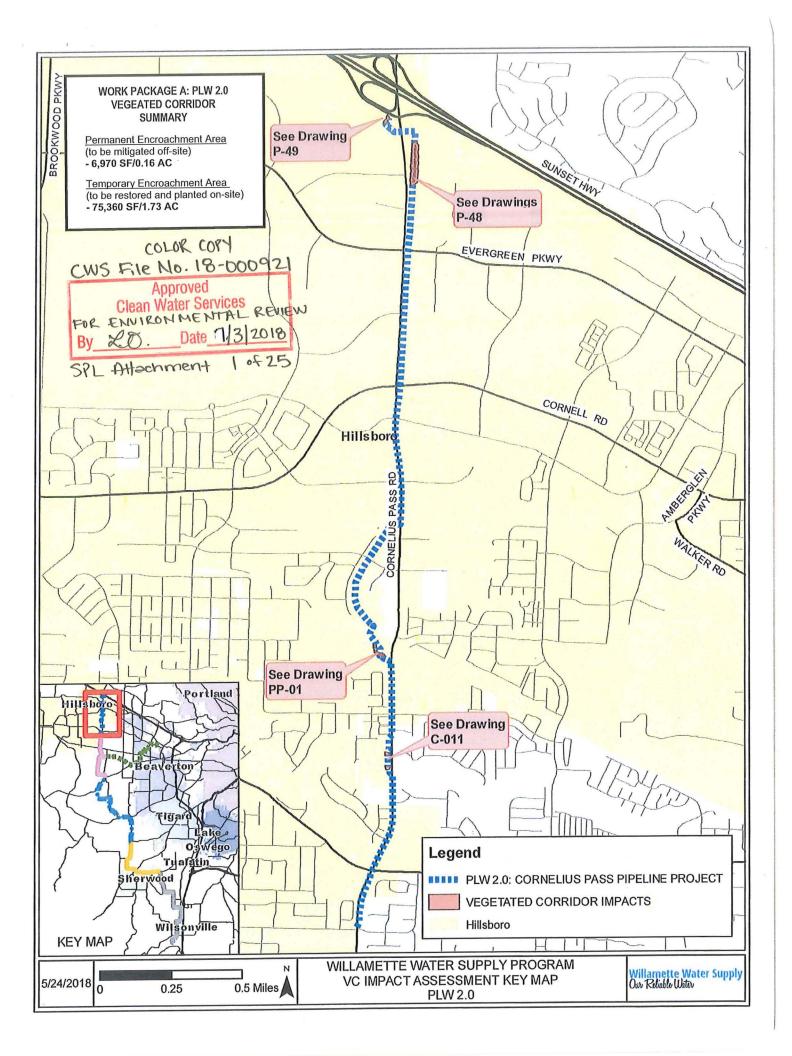
This Service Provider Letter is not valid unless CWS-approved site plan is attached.

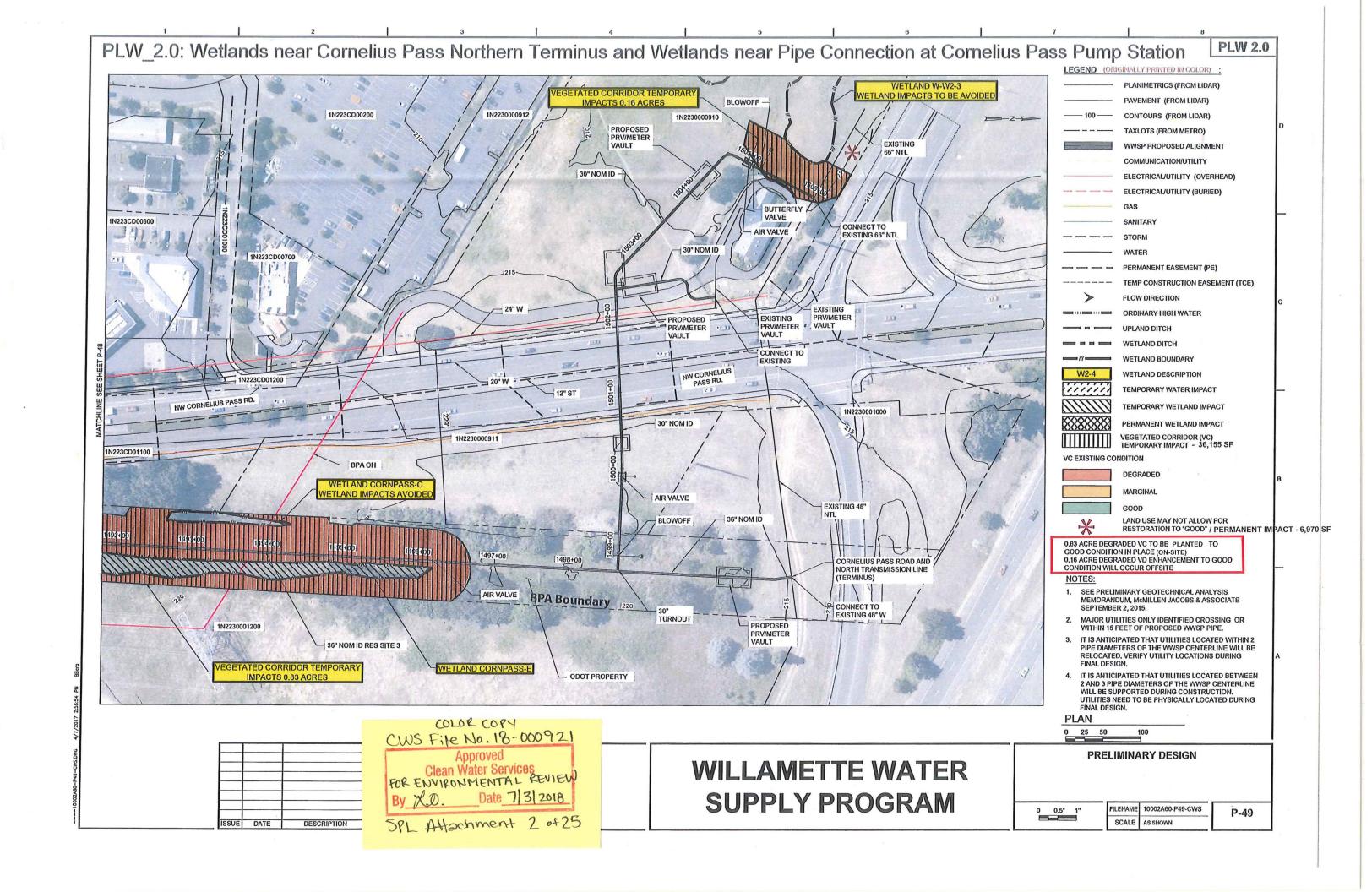
Please call (503) 681-3653 with any questions.

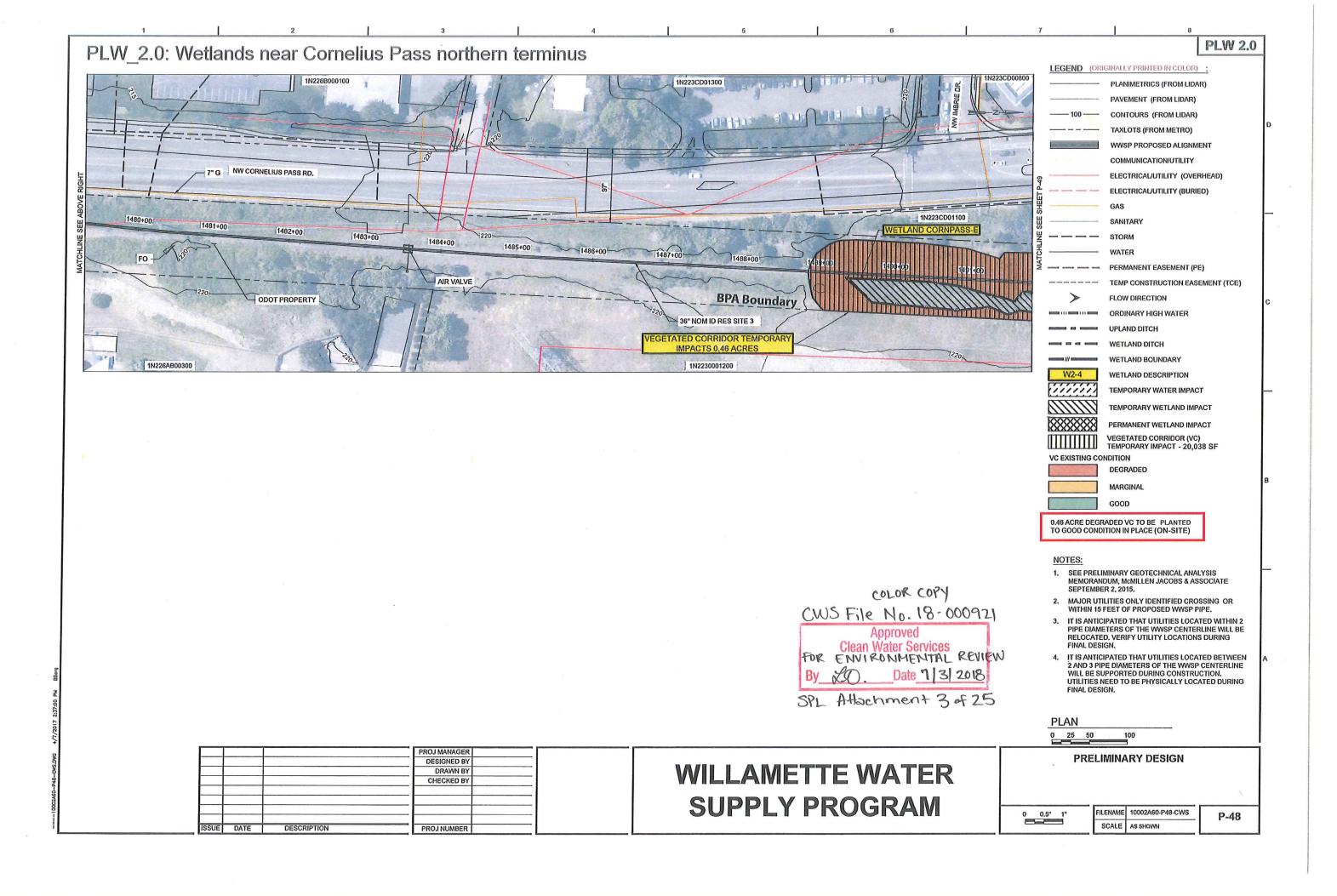
Lindsey Obermiller

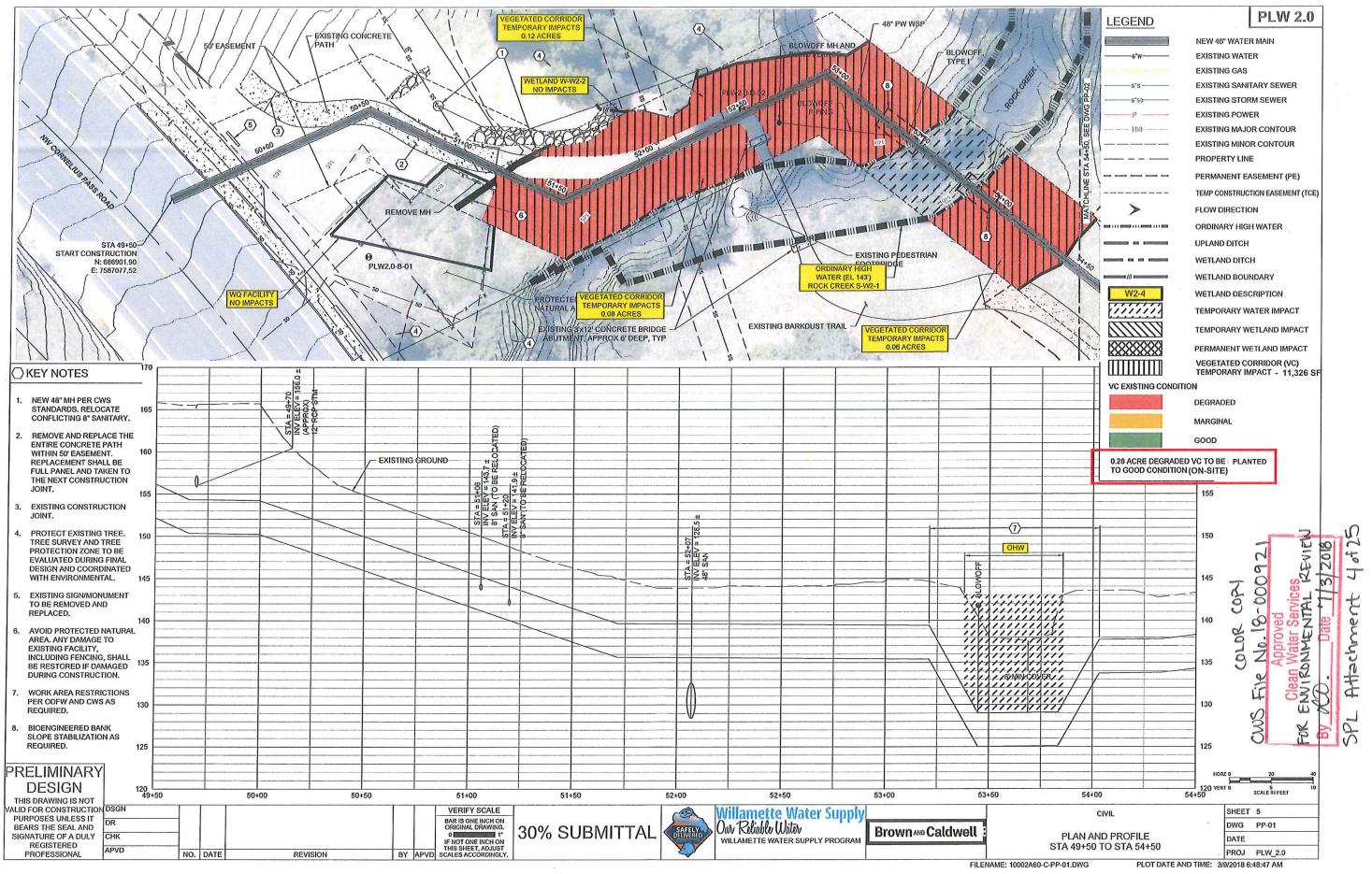
Environmental Plan Review

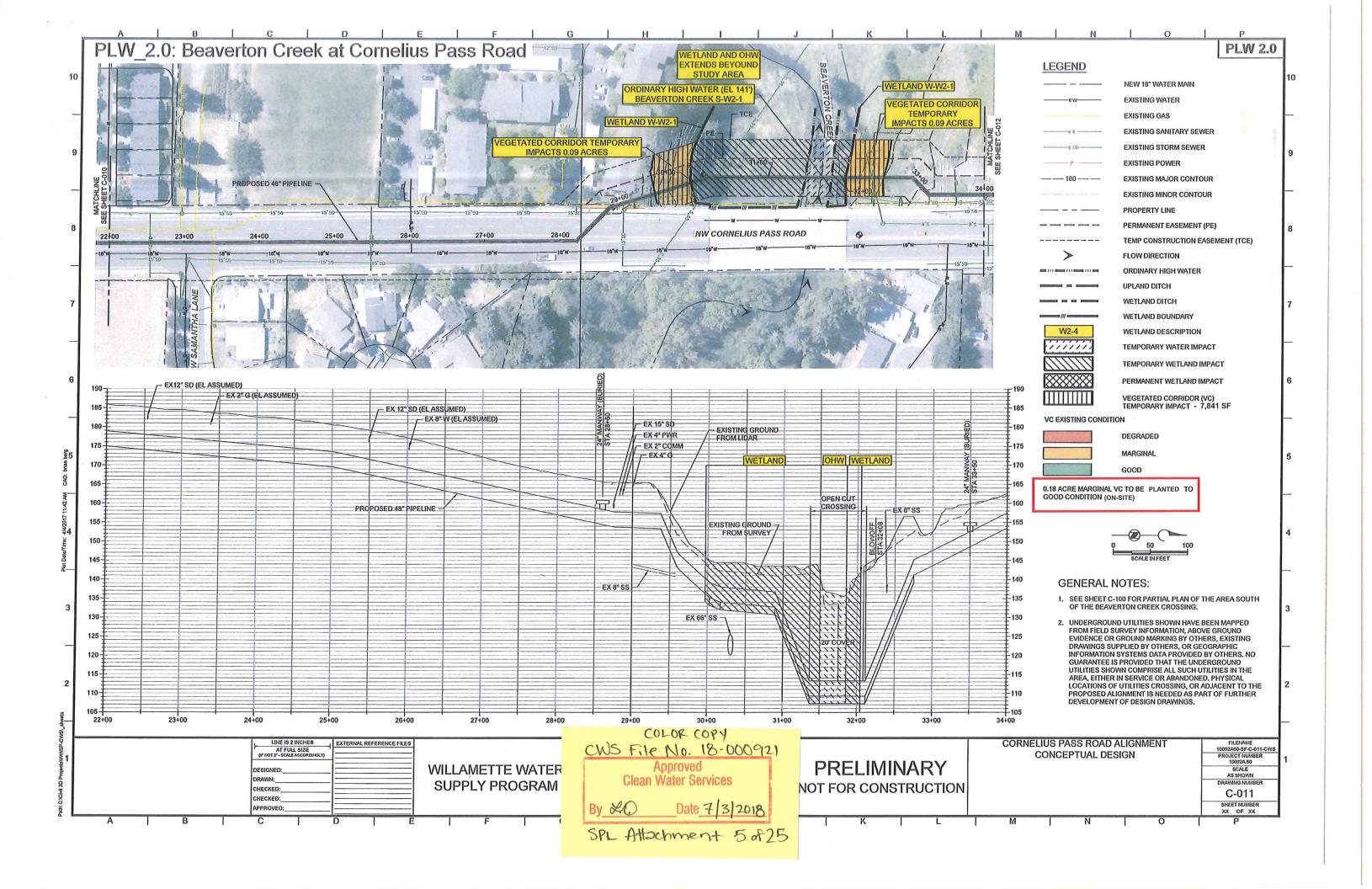
Attachments (25)

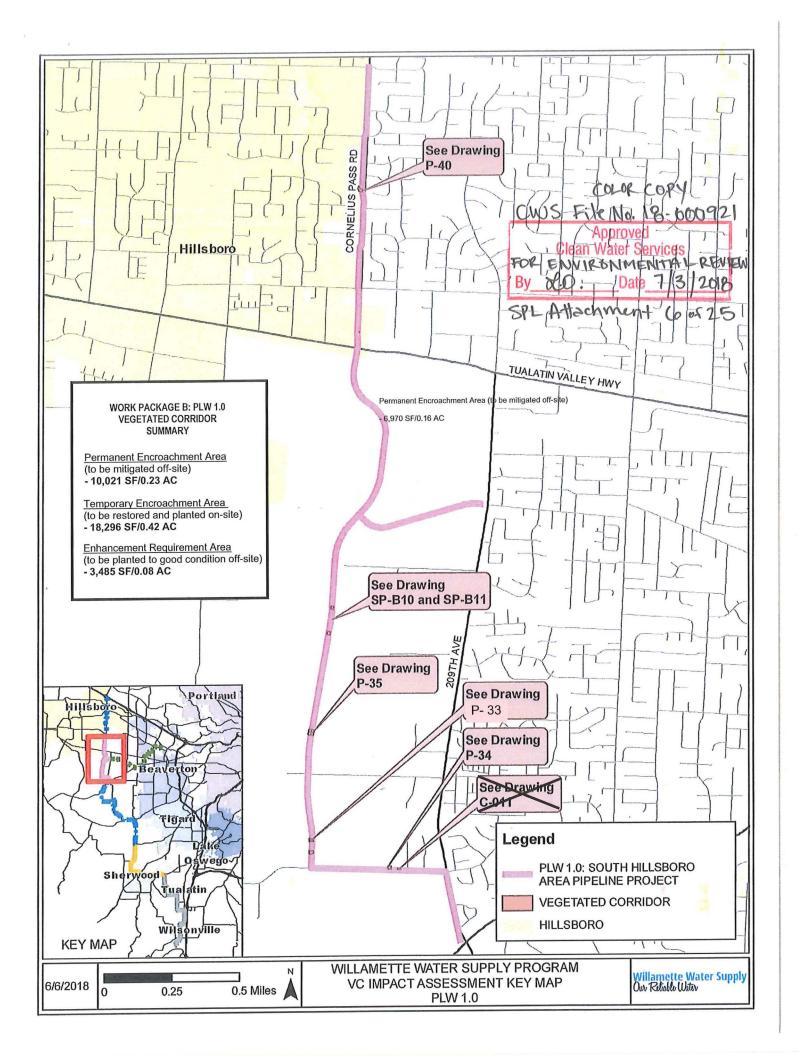


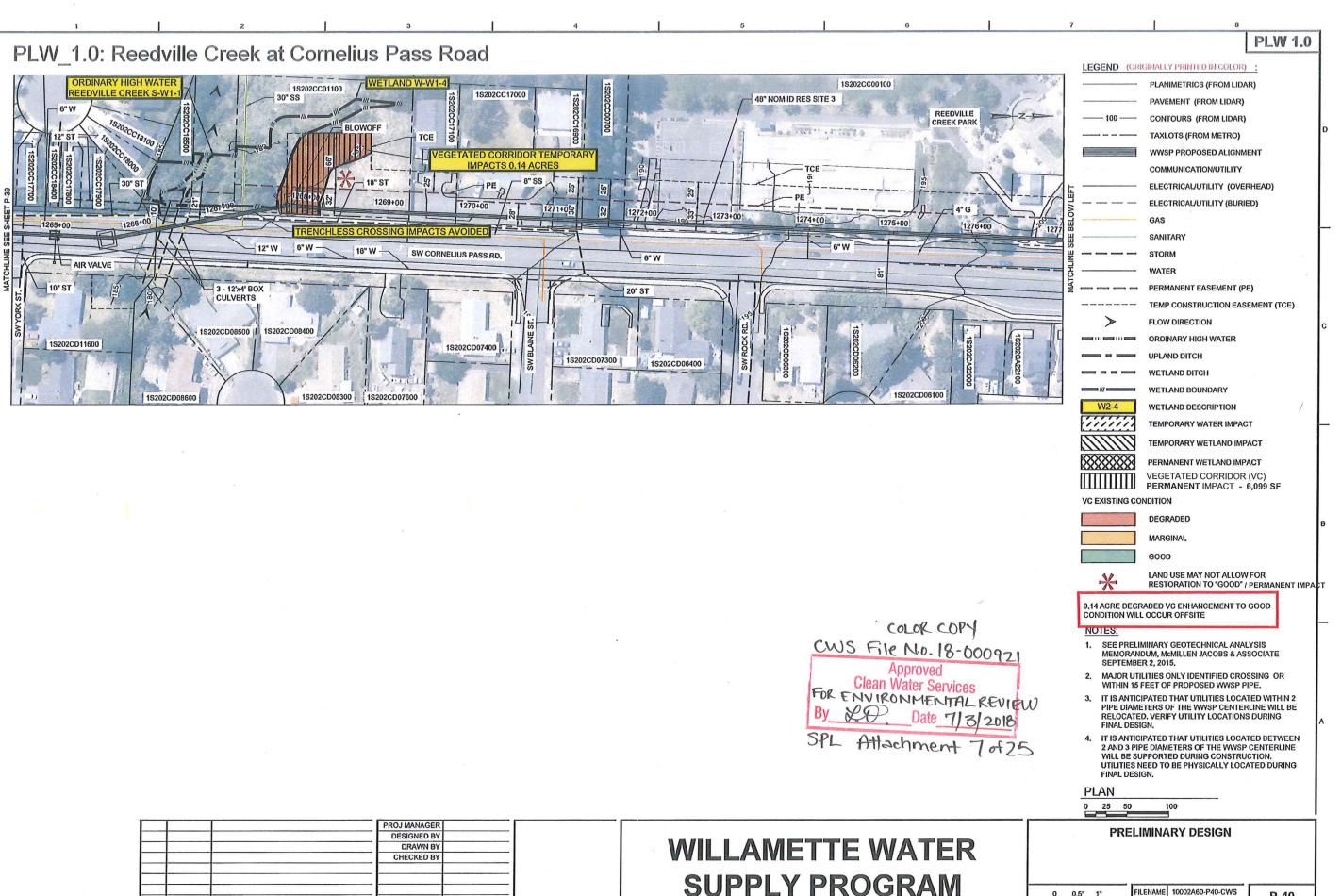












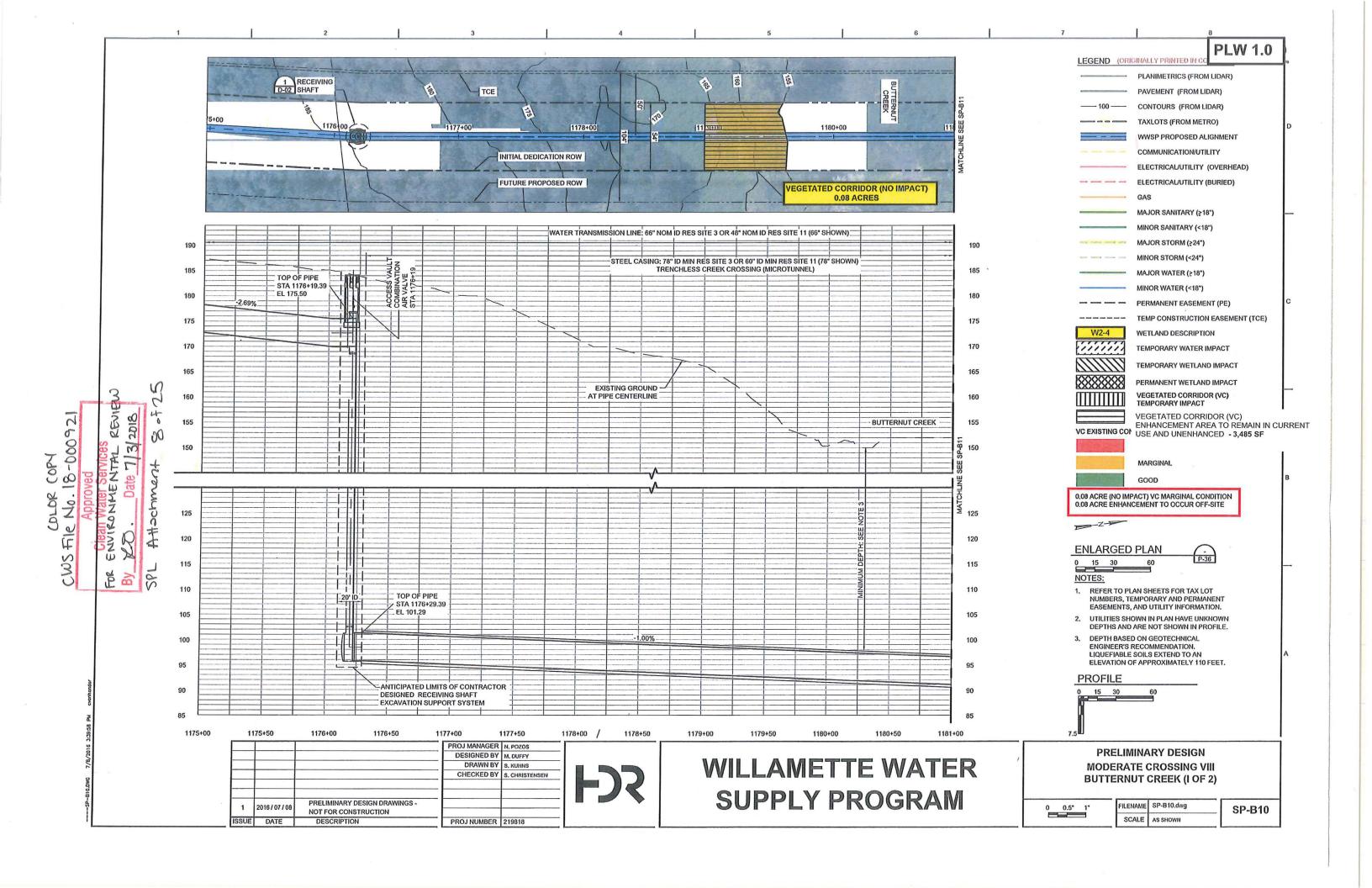
PROJ NUMBER

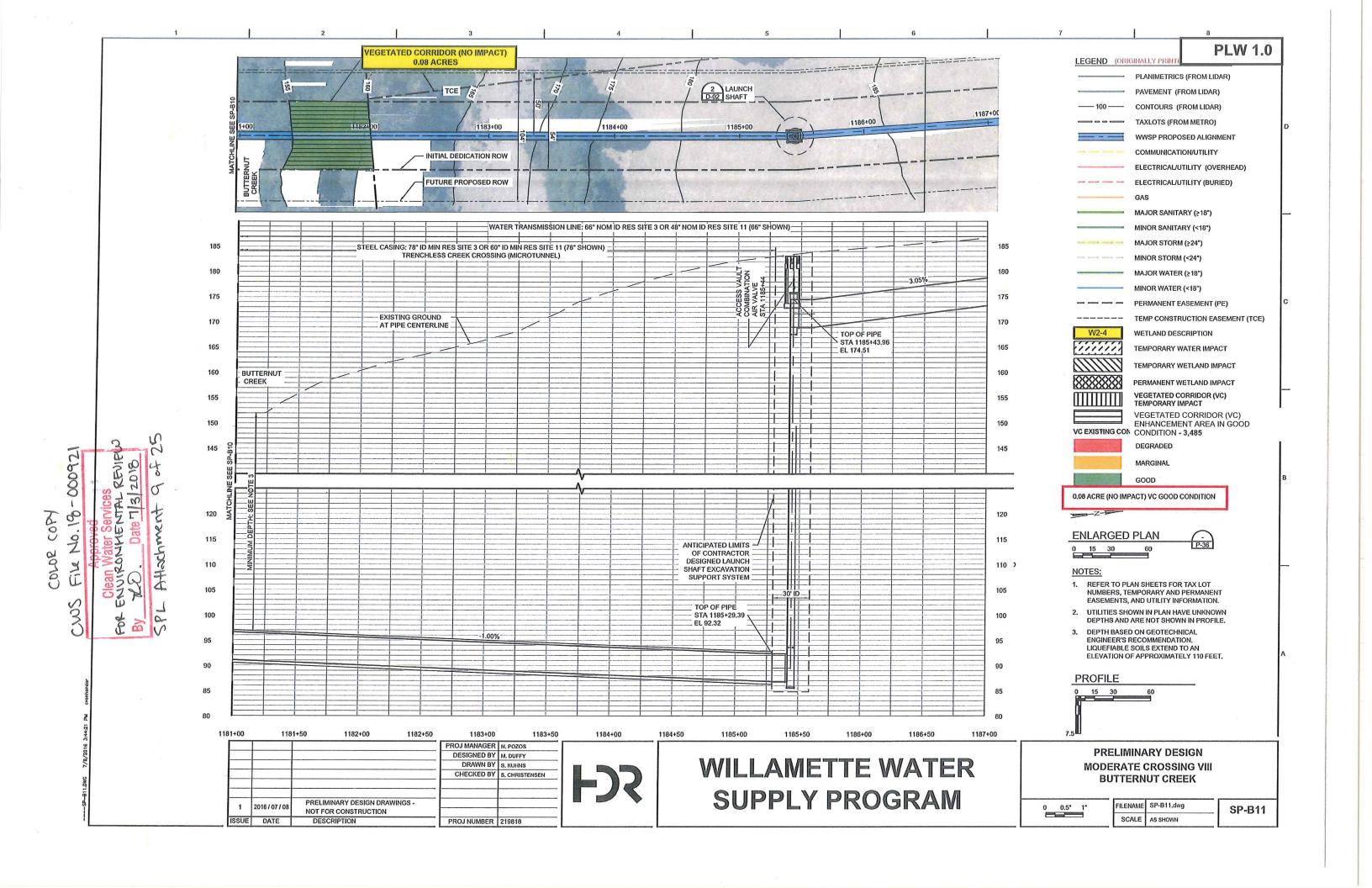
SUPPLY PROGRAM

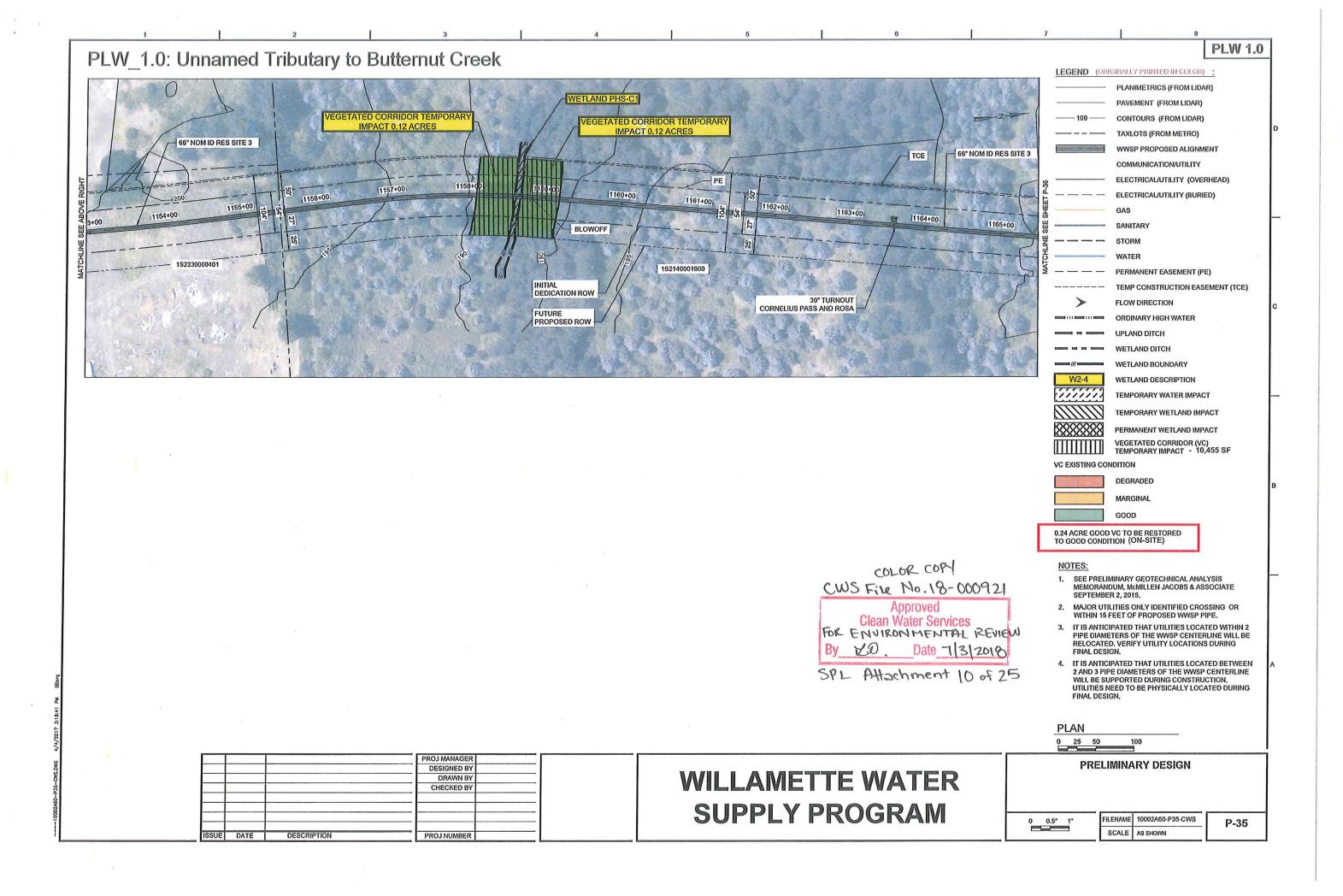
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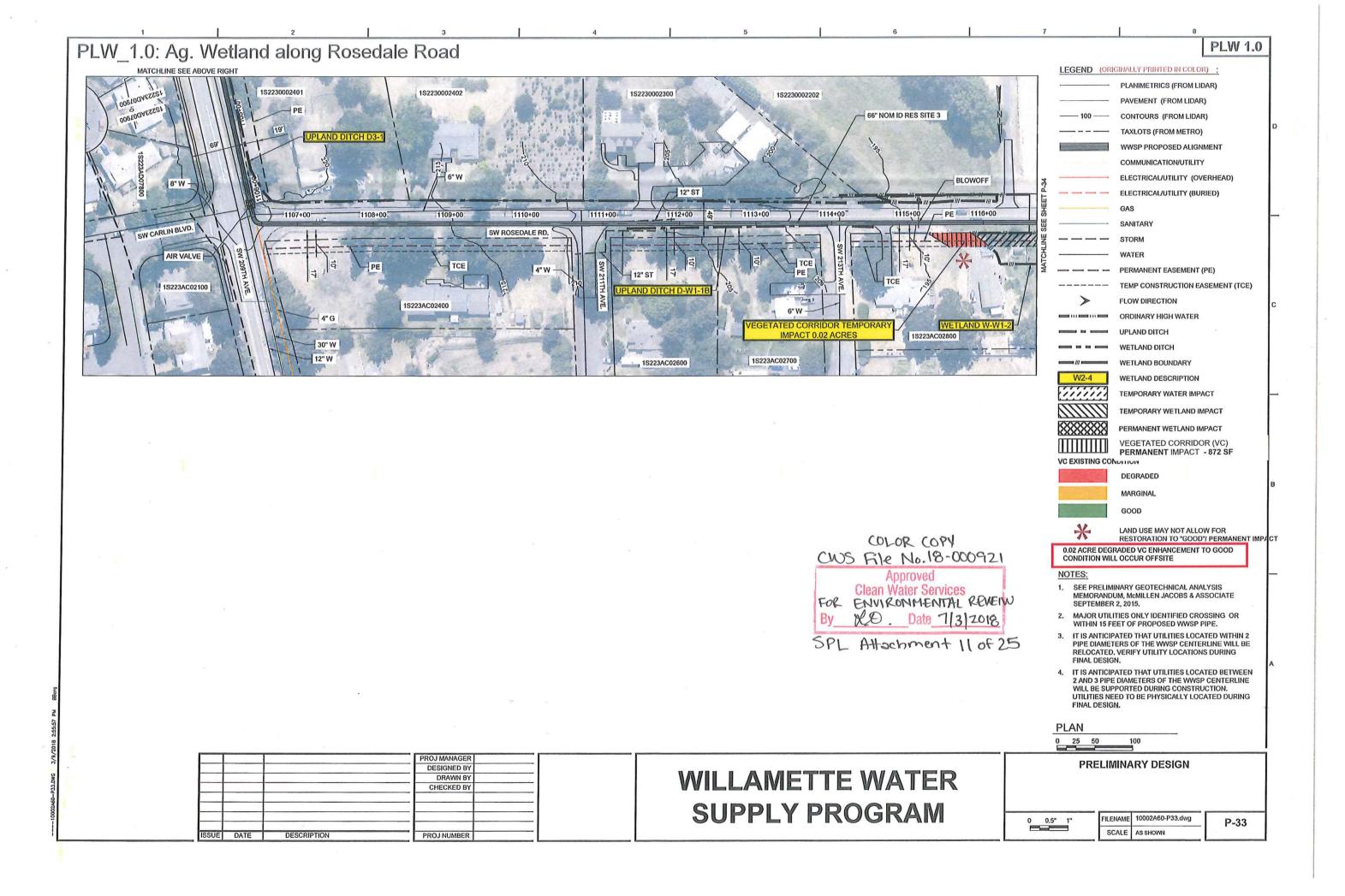
SCALE AS SHOWN

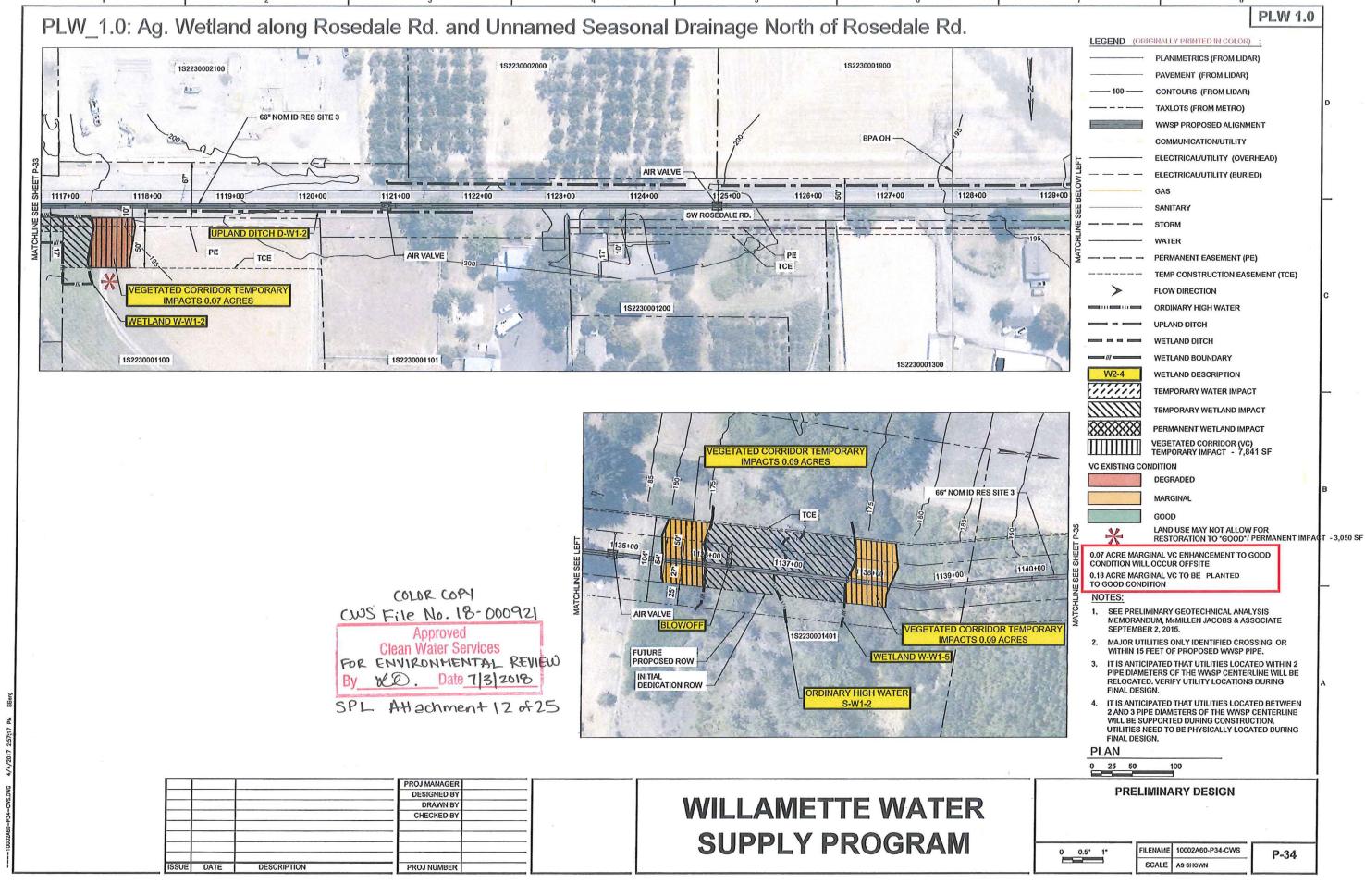
P-40

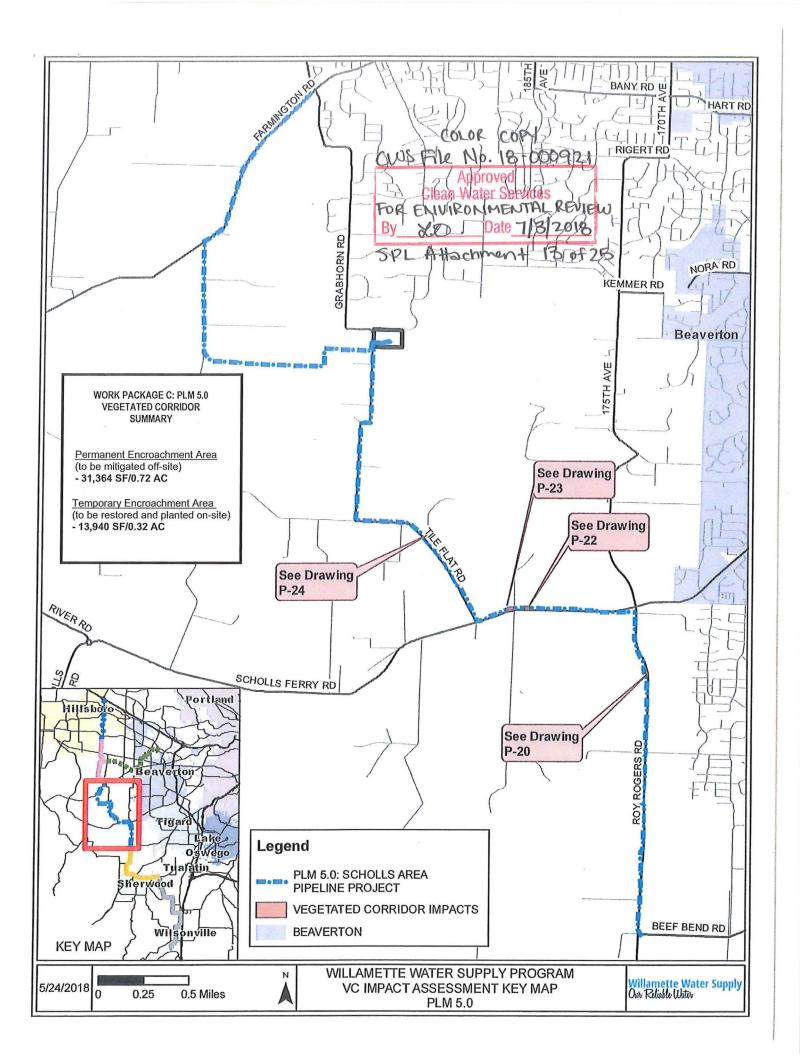




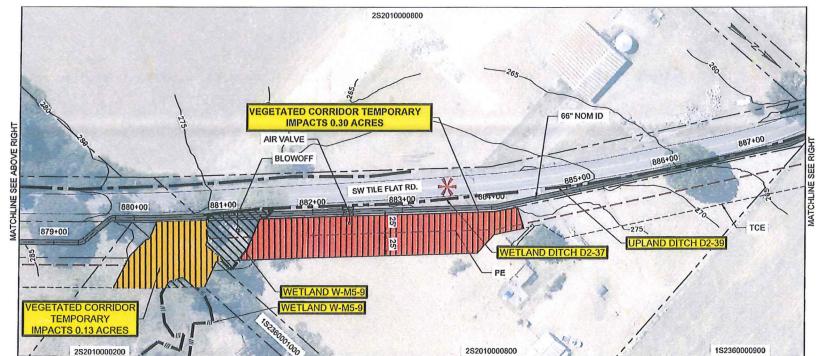








PLM 5.0: Wetland at Tile Flat/Kobbe Drive



COLOR COPY
CWS File No. 18-000921

Approved
Clean Water Services
FOR ENVIRONMENTAL REVIEW
By 10 Date 7/3/2018

SPL Attachment 14 of 25

LEGEND (ORIGINALLY PRINTED IN COLOR) : PLANIMETRICS (FROM LIDAR) PAVEMENT (FROM LIDAR) CONTOURS (FROM LIDAR) TAXLOTS (FROM METRO) WWSP PROPOSED ALIGNMENT COMMUNICATION/UTILITY ELECTRICAL/UTILITY (OVERHEAD) ELECTRICAL/UTILITY (BURIED) PERMANENT EASEMENT (PE) TEMP CONSTRUCTION EASEMENT (TCE) FLOW DIRECTION ORDINARY HIGH WATER **UPLAND DITCH** WETLAND BOUNDARY WETLAND DESCRIPTION TEMPORARY WATER IMPACT 111111 TEMPORARY WETLAND IMPACT VEGETATED CORRIDOR (VC) VEGETATED CORRIDOR (VC) PERMANENT IMPACT - 18,731 SF VC EXISTING CO DEGRADED MARGINAL GOOD LAND USE MAY NOT ALLOW FOR RESTORATION TO "GOOD" / PERMANENT IMPACT 0.43 ACRE TEMPORARY IMPACT TO BE RESTORED OFF-SITE SEE PRELIMINARY GEOTECHNICAL ANALYSIS MEMORANDUM, McMILLEN JACOBS & ASSOCIATE SEPTEMBER 2, 2015. 2. MAJOR UTILITIES ONLY IDENTIFIED CROSSING OR WITHIN 15 FEET OF PROPOSED WWSP PIPE. IT IS ANTICIPATED THAT UTILITIES LOCATED WITHIN 2

- IT IS ANTICIPATED THAT UTILITIES LOCATED WITHIN 2
 PIPE DIAMETERS OF THE WWSP CENTERLINE WILL BE
 RELOCATED. VERIFY UTILITY LOCATIONS DURING
 FINAL DESIGN.
- 4. IT IS ANTICIPATED THAT UTILITIES LOCATED BETWEEN 2 AND 3 PIPE DIAMETERS OF THE WWSP CENTERLINE WILL BE SUPPORTED DURING CONSTRUCTION. UTILITIES NEED TO BE PHYSICALLY LOCATED DURING FINAL DESIGN.

PLAN

0 25 50 100

PRELIMINARY DESIGN
MAIN STEM PLAN SCHOLLS FERRY TO FARMINGTON STA 867+00

0 0.5" 1"

FILENAME 10002A60-P24.dwg
SCALE AS SHOWN

P-24

PROJ MANAGER

DESIGNED BY

DRAWN BY

CHECKED BY

SISSUE DATE DESCRIPTION

PROJ NUMBER

WILLAMETTE WATER
SUPPLY PROGRAM

