

# CITY OF SHERWOOD

## 2ND AND PARK REGIONAL STORM FACILITY REHABILITATION PROJECT

APRIL 2026

(BID DOCUMENT VOLUME 2 OF 2 - CONTRACT DRAWINGS)

COVER SHEET

2ND AND PARK REGIONAL STORM FACILITY REHABILITATION  
LOCATED IN SECTION 32B, T2S, R1W, W.M. IN THE CITY OF SHERWOOD, WASHINGTON COUNTY, STATE OF OREGON

CITY OF SHERWOOD  
ENGINEERING DEPARTMENT  
SHERWOOD, OREGON 97140  
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PROFESSIONAL  
4-2-26  
EXPIRES: 12-31-27

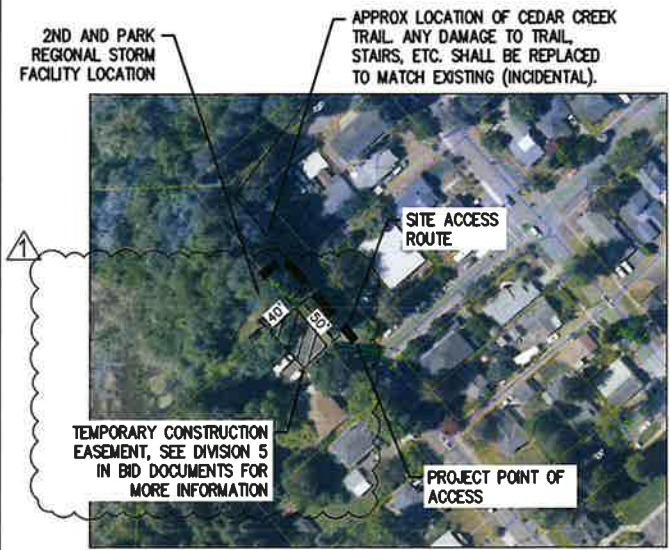
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DATE:	APRIL 2026

ADDENDUM #	REVISIONS
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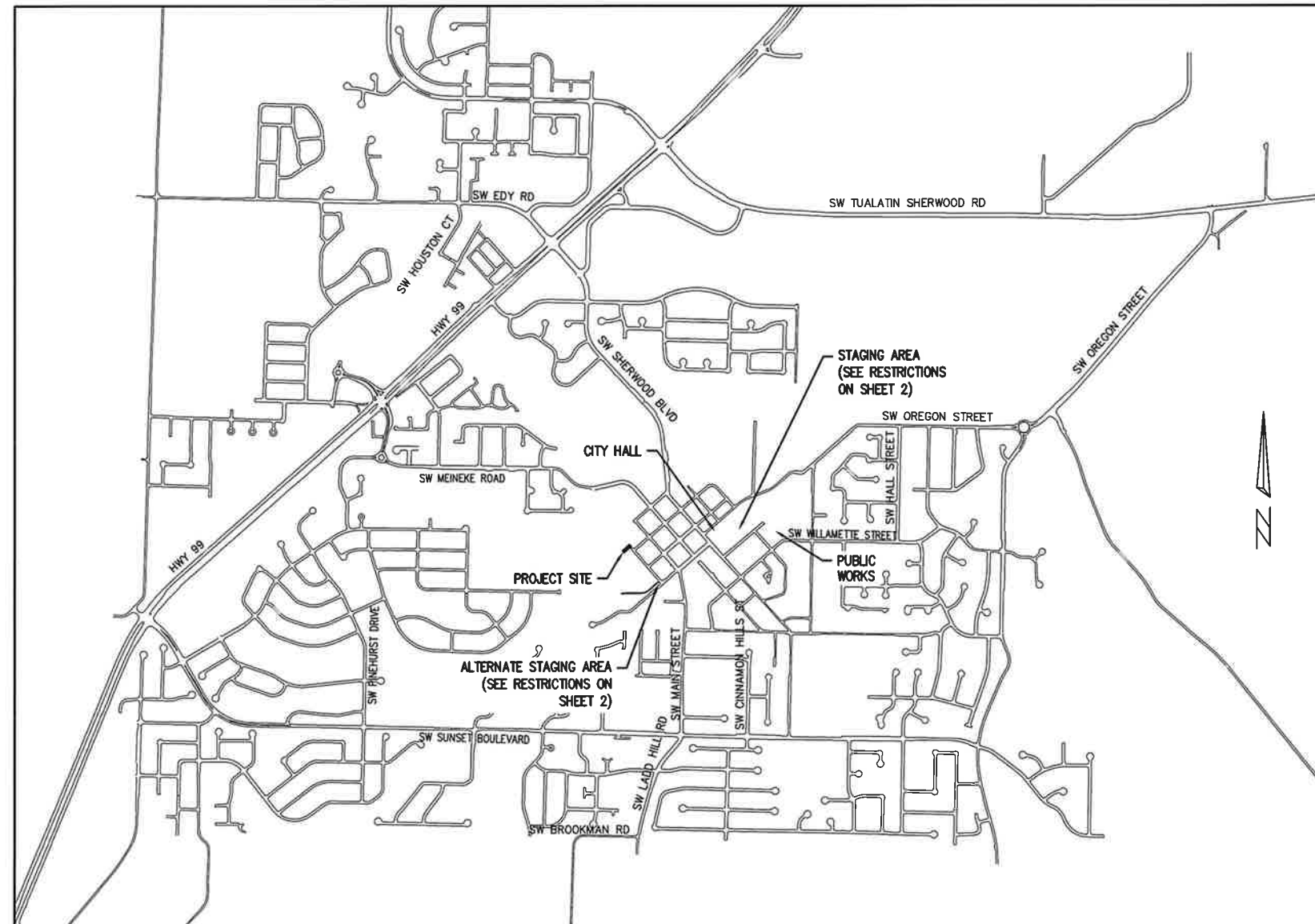
JOB NO.	
SHEET NO.	1
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**PROJECT LOCATION AND ACCESS**  
NOT TO SCALE



**VICINITY MAP**  
NOT TO SCALE

**PROJECT LOCATION:**  
SW 2ND ST AND SW PARK ST

**DEVELOPER/OWNER:**  
CITY OF SHERWOOD  
22560 SW PINE ST  
SHERWOOD, OREGON 97140  
CONTACT: SOFI LAM, P.E.  
PH: 503-925-2303  
LAWS@SHERWOODOREGON.GOV

**SURVEY INFORMATION:**

HORIZONTAL:  
AS-BUILT PLAN.  
VERTICAL:  
ASSUMED DATUM AT BYPASS HDR ELEVATION = 100.00

**INSPECTOR INFORMATION:**

CITY OF SHERWOOD: ANDY STRUNG (971) 979-2986  
CONTACT INSPECTOR 48 HOURS PRIOR TO CONSTRUCTION

THIS DESIGN COMPLIES WITH ORS 92.044 (7) IN THAT NO UTILITY INFRASTRUCTURE IS DESIGNED TO BE WITHIN ONE (1) FOOT OF A SURVEY MONUMENT LOCATION SHOWN ON A SUBDIVISION OR PARTITION PLAT. NO DESIGN EXCEPTIONS NOR FINAL FIELD LOCATION CHANGES SHALL BE PERMITTED IF THAT CHANGE WOULD CAUSE ANY UTILITY INFRASTRUCTURE TO BE PLACED WITHIN THE PROHIBITED AREA.

ATTENTION EXCAVATORS: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-011-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THESE RULES FROM THE CENTER BY CALLING (503) 232-1987. IF YOU HAVE ANY QUESTIONS ABOUT THE RULES, YOU MAY CONTACT THE CENTER. YOU MUST NOTIFY THE CENTER AT LEAST 2 BUSINESS DAYS, BEFORE COMMENCING ANY EXCAVATION. CALL (503) 246-6699.

**GENERAL NOTES**

- ALL CONSTRUCTION WORK, MATERIALS AND TESTING SHALL CONFORM TO THE APPLICABLE SECTION OF THE CITY OF SHERWOOD ENGINEERING DESIGN AND STANDARD DETAILS MANUAL. CONTRACTOR AND SUBCONTRACTOR(S) SHALL HAVE A MINIMUM OF ONE SET OF APPROVED PLANS AND CITY OF SHERWOOD CONSTRUCTION SPECIFICATIONS ON THE JOB SITE AT ALL TIMES DURING CONSTRUCTION.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROCURE ALL APPLICABLE PERMITS, LICENSES, AND CERTIFICATES RELATIVE TO THE TRADES TO COMPLETE THE PROJECT AND FOR THE USE OF SUCH WORK WHEN COMPLETED. COMPLIANCE SHALL BE AT ALL LEVELS, FEDERAL, STATE, COUNTY, AND LOCAL, RELATING TO THE PERFORMANCE OF THIS WORK. A CITY OF SHERWOOD OR A METRO BUSINESS LICENSE IS REQUIRED FOR THE CONTRACTOR AND ALL SUBCONTRACTORS.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL UTILITY LOCATIONS AND DEPTHS PRIOR TO CONSTRUCTION AND ARRANGE FOR PROTECTION OF UTILITIES IN CONFLICT WITH PROPOSED WORK. THE LOCATIONS, DEPTH AND DESCRIPTION OF EXISTING UTILITIES SHOWN WERE COMPILED FROM AVAILABLE RECORDS AND/OR FIELD SURVEYS. THE ENGINEER OR UTILITY COMPANIES DO NOT GUARANTEE THE ACCURACY OR THE COMPLETENESS OF SUCH RECORDS. ADDITIONAL UTILITIES MAY EXIST WITHIN THE WORK AREA. POTHOLING PRIOR TO CONSTRUCTION MAY BE NECESSARY. ALL WORK TO VERIFY UTILITY LOCATIONS AND DEPTHS IS INCIDENTAL.
- OREGON LAW REQUIRES THE CONTRACTOR TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. THE CONTRACTOR MAY OBTAIN COPIES OF THESE RULES FROM THE CENTER BY CALLING (503) 232-1987 OR BY ACCESSING THE INTERNET AT WWW.STATE.OR.US/GOVERNMENT.HTM. THE CONTRACTOR MUST NOTIFY THE CENTER AT LEAST 2 BUSINESS DAYS, BUT NOT MORE THAN 10 BUSINESS DAYS, BEFORE COMMENCING AN EXCAVATION. CALL (503) 246-6699.
- THE CONTRACTOR SHALL MAKE PROVISIONS TO KEEP ALL EXISTING UTILITIES IN SERVICE AND PROTECT THEM DURING CONSTRUCTION. CONTRACTOR SHALL IMMEDIATELY REPAIR OR REPLACE ANY DAMAGED UTILITIES USING MATERIAL AND METHODS APPROVED BY THE UTILITY OWNER. NO SERVICE INTERRUPTIONS SHALL BE PERMITTED WITHOUT PRIOR WRITTEN AGREEMENT WITH THE UTILITY PROVIDER AND NOTIFICATION TO SERVICE CUSTOMER. PLEASE NOTE THE STORM SEWER AND GAS LINE IN THIS AREA IS SHALLOW - DO NOT DAMAGE. REPAIR TO UTILITIES DAMAGED BY THE CONTRACTOR SHALL BE AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL PRUNE ALL VEGETATION, AS NECESSARY FOR EQUIPMENT CLEARANCES AWAY AND UP FROM THE STREET AND SITE ACCESS POINT. AS WELL AS ANY ROOT PRUNING AS DETERMINED BY THE ENGINEER. THE CONTRACTOR SHALL PROTECT ALL EXISTING LANDSCAPING THAT IS TO REMAIN. DAMAGE TO TREES AND SHRUBS IS THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR. COST OF TREE PRUNING IS INCIDENTAL.
- CONTRACTOR SHALL NOTIFY THE CITY OF SHERWOOD 48 HOURS IN ADVANCE OF STARTING CONSTRUCTION AND 24 HOURS BEFORE RESUMING WORK AFTER SHUTDOWNS, EXCEPT FOR NORMAL RESUMING OF WORK FOLLOWING SATURDAYS, SUNDAYS, OR HOLIDAYS.
- CONTRACTOR SHALL REMOVE AND DISPOSE OF TREES, STUMPS, BRUSH, ROOTS, EXCESS TOPSOIL, AND OTHER EXCESS MATERIAL OFF SITE. MATERIALS SHALL BE DISPOSED OF IN SUCH A MANNER AS TO MEET ALL APPLICABLE REGULATIONS. DISPOSAL LOCATION INFORMATION TO BE PROVIDED TO CITY PRIOR TO BEGINNING ANY WORK.
- CONSTRUCTION VEHICLES SHALL PARK AT A LOCATION APPROVED BY THE INSPECTOR OR AT A LOCATION(S) INDICATED ON AN APPROVED PLAN. HOURS OF CONSTRUCTION SHALL BE AS SPECIFIED IN THE PLANS - UNLESS OTHERWISE APPROVED BY THE INSPECTOR. CONSTRUCTION IS PROHIBITED ON SATURDAY AND SUNDAY UNLESS WRITTEN APPROVAL IS OBTAINED FROM THE PUBLIC WORKS DIRECTOR AND CITY MANAGER. CONSTRUCTION ACTIVITIES INCLUDE ALL FIELD MAINTENANCE OF EQUIPMENT, REFUELING, AND PICK UP AND DELIVERY OF EQUIPMENT AS WELL AS THE ACTUAL CONSTRUCTION ACTIVITY.
- AT THE END OF EACH WORK DAY, THE CONTRACTOR SHALL CLEAN UP THE PROJECT AREA AND LEAVE IT IN A NEAT AND SECURED MANNER. UPON COMPLETION, THE CONTRACTOR SHALL LEAVE THE PROJECT AREA FREE OF DEBRIS AND UNUSED MATERIAL.
- THE CONTRACTOR SHALL KEEP AN APPROVED SET OF PLANS ON THE PROJECT SITE AT ALL TIMES WITH ALL KNOWN CHANGES REDLINED ON THE WORKING PLAN SET FOR THE SOLE PURPOSE OF RECORDING AS BUILT INFORMATION OF IMPROVEMENTS AND LOCATION AND DEPTH OF ANY EXISTING UTILITIES ENCOUNTERED.
- ANY ALTERATIONS OR VARIATIONS FROM THESE PLANS EXCEPT MINOR FIELD ADJUSTMENTS NEEDED TO MEET EXISTING FIELD CONDITIONS, SHALL BE APPROVED BY THE ENGINEER AND APPLICABLE REGULATORY AGENCY REPRESENTATIVE. CONTRACTOR SHALL KEEP RECORD OF ALL CHANGES AND NOTE ON AS BUILT PLANS. CONTRACTOR SHALL SUBMIT ACCURATE AND COMPLETE "AS-BUILT" INFORMATION TO THE ENGINEER UPON COMPLETION OF CONSTRUCTION.
- THE CONTRACTOR SHALL PERFORM ALL WORK NECESSARY TO COMPLETE THIS PROJECT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS INCLUDING SUCH INCIDENTALS AS MAY BE NECESSARY TO MEET THE INTENT OF THE PROJECT CONTRACT DOCUMENTS, APPLICABLE AGENCY REQUIREMENTS AND OTHER WORK AS NECESSARY TO PROVIDE A COMPLETE PROJECT.
- CONTRACTOR SHALL PROVIDE EFFECTIVE EROSION PROTECTION TO INCLUDE, BUT NOT BE LIMITED TO, GRADING, DITCHING, STRAW WATTLES, TRIANGULAR SILT DAMS, SILT FENCING, AND SEDIMENT BARRIERS TO MINIMIZE EROSION AND IMPACT TO ADJACENT PROPERTY. SEE EROSION AND SEDIMENT CONTROL NOTES AND PLANS.
- THE CONTRACTOR SHALL MAINTAIN AND COORDINATE ACCESS TO ALL AFFECTED PROPERTIES. THE CONTRACTOR SHALL NOTIFY AFFECTED RESIDENTS A MINIMUM OF 48 HOURS PRIOR TO ANY DRIVEWAY CLOSURES AND ASSIST PROPERTY OWNER WITH ALTERNATIVE PARKING AND ACCESS. PEDESTRIAN ACCESS TO ENTRANCES SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR WILL PROVIDE RAMPS OR OTHER APPROVED METHODS FOR MAINTAINING ACCESS TO ENTRANCES. RAMPS SHALL BE ADA COMPLIANT, APPROVED BY THE ENGINEER, AND INCIDENTAL TO THE CONTRACT. RESIDENTIAL DRIVEWAYS MAY ONLY BE CLOSED FOR A MAXIMUM OF ONE DAY (8:00 AM TO 5:00 PM).
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS BEFORE THE START OF WORK. THE CONTRACTOR SHALL TAKE ALL NECESSARY FIELD MEASUREMENTS AND OTHERWISE VERIFY ALL DIMENSIONS AND EXISTING CONSTRUCTION CONDITIONS INDICATED AND/OR SHOWN ON THE PLANS. SHOULD ANY ERROR OR INCONSISTENCY EXIST, THE CONTRACTOR SHALL NOT PROCEED WITH THE WORK AFFECTED UNTIL REPORTED TO THE PROJECT ENGINEER FOR CLARIFICATION OR CORRECTION.
- ANY INSPECTION BY THE CITY, COUNTY, STATE, FEDERAL AGENCY OR PROJECT ENGINEER SHALL NOT, IN ANY WAY, RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN COMPLIANCE WITH THE APPLICABLE CODES, REGULATIONS, CITY STANDARDS AND PROJECT CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN CONFORMING TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR APPROVAL PRIOR TO THE START OF CONSTRUCTION AND ACCORDING TO PROJECT SPECIFICATIONS. TRAFFIC CONTROL PLAN SHALL MATCH APPROVED PHASING/SEQUENCING PLAN AND SHALL BE SUBJECT TO THE APPROVAL BY THE CITY, WASHINGTON COUNTY AND/OR ODOT AS APPLICABLE.
- THE CONTRACTOR SHALL PROVIDE TO THE CITY PROJECT MANAGER AND INSPECTOR A 24 HOUR CONTACT PERSON AND CELL PHONE NUMBER.
- NO TRENCHES OR PITS WILL BE ALLOWED TO REMAIN OPEN OVERNIGHT. ALL TRENCHES AND PITS SHALL BE COVERED WITH STEEL PLATES OR FILLED IN AT NIGHT.
- PROPERTY LINES SHOWN ON ALL PLAN SHEETS ARE FOR GENERAL DELINEATION ONLY AND ARE, BY NO MEANS, MEANT TO REPRESENT THE ACTUAL BOUNDARIES.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL CONSTRUCTION SAFETY, HEALTH AND OTHER RULES AND REGULATIONS FROM OSHA, DEQ, STATE, AND LOCAL REGULATING AGENCIES FOR SAFETY AND INSTALLATION OF THE WORK INCLUDING BUT NOT LIMITED TO SHORING, BRACING, ERECTION/INSTALLATION, FALL PROTECTION, GUARDRAILS, ETC.
- CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING STRUCTURES AND UTILITIES NOT SHOWN TO BE REMOVED. CONTRACTOR SHALL REPLACE OR REPAIR ANY EXISTING STRUCTURES (SIDEWALKS, DRIVEWAYS, CURB, FENCE, STREET TREES, SIGNS, ETC.) DAMAGED DURING CONSTRUCTION, IN ACCORDANCE WITH CITY STANDARDS.
- ALL LINWORK SHOWN ON THE PLAN IS FROM AN AS-BUILT PLAN AND FROM VISUAL OBSERVATION AND IS THEREFORE NOT GUARANTEED FOR ACCURACY AND SHOULD NOT BE USED FOR OTHER PURPOSES.

**STORM FACILITY NOTES**

- CONTRACTOR TO MINIMIZE DISTURBANCE OUTSIDE OF THE STORM FACILITY WALLS.
- CONTRACTOR SHALL COMPLETE CLEARING AND GRUBBING OF EXISTING INVASIVE SPECIES PRIOR TO PLANT INSTALLATION AND TREE BRANCH TRIMMING MAY BE REQUIRED TO PERFORM WORK. INCIDENTAL TO BID ITEM CLEARING AND GRUBBING.
- CONTRACTOR TO PROTECT PLUGS FROM DAMAGE FROM EXCESSIVE FLOWS AS NECESSARY. PLUGS UPROOTED SHALL BE REPLACED BY THE CONTRACTOR. INCIDENTAL TO THE BID ITEM "PLANT ESTABLISHMENT, 2-YEAR, \$6,000 MIN."
- "PLANT ESTABLISHMENT, 2-YEAR, \$6,000 MIN." COVERS ALL MAINTENANCE AND CARE FOR ALL PLUGS, PLANTS, SHRUBS, AND SEEDING INSTALLED BY THE CONTRACTOR.
- "PLANT ESTABLISHMENT, 2-YEAR, \$6,000 MIN." WILL BE INSPECTED 4 TIMES (DETERMINED AFTER PLANTING HAS BEEN COMPLETED). EACH INSPECTION SHALL CONSIST OF CORRECTIVE ACTION TO OCCUR AS IDENTIFIED BY THE INSPECTOR. UPON COMPLETION AND ACCEPTANCE OF THE CORRECTIVE ACTION, THE CONTRACTOR WILL BE PAID ONE QUARTER OF THE BID AMOUNT.
- NO FERTILIZERS MAY BE USED.
- SEED ALL DISTURBED AREAS EXCEPT AREAS RECEIVING RIPRAP.
- CONTRACTOR SHALL SUBMIT WORK SCHEDULE AND TIME DRY WEATHER SEASON TO MINIMIZE ANY STORM BYPASS FACILITIES NECESSARY TO PERFORM THE WORK. COST IS INCIDENTAL.
- WATER FOR CONSTRUCTION MAY BE OBTAINED FROM CITY FIRE HYDRANTS. INSTALL FIRE HYDRANT METER PRIOR TO DRAWING WATER. FIRE HYDRANT METER TO BE OBTAINED FROM CITY OF SHERWOOD WATER DEPARTMENT. COORDINATE WITH INSPECTOR. WATER FOR CONSTRUCTION IS PAID FOR BY THE CONTRACTOR AND CONSIDERED INCIDENTAL.
- REPAIR ALL DISTURBED NEIGHBORING PROPERTY BACK TO ORIGINAL OR BETTER CONDITION.
- ALL WORK SHALL BE IN CONFORMANCE WITH APPENDIX D OF CLEAN WATER SERVICES STANDARDS AND SPECIFICATIONS AND ANY APPLICABLE PERMITS ISSUED BY CLEAN WATER SERVICES OR CITY OF SHERWOOD. PLANT NAMES INDICATED COMPLY WITH "STANDARDIZED PLANT NAMES" AS ADOPTED BY THE LATEST EDITION OF THE AMERICAN JOINT COMMITTEE OF HORTICULTURE NOMENCLATURE. NAMES OF VARIETIES NOT LISTED CONFORM GENERALLY WITH NAMES ACCEPTED BY THE NURSERY TRADE. PROVIDE STOCK TRUE TO NAME AND LEGIBLY TAGGED.
- PLANTING IS TO OCCUR DURING THE COOL SEASON MONTHS (NOVEMBER TO MARCH) TO TAKE ADVANTAGE OF SEASONAL RAINS AND THE GREATER AVAILABILITY OF PLANT MATERIAL.
- PLANTINGS SHALL BE TAGGED FOR DORMANT SEASON. IDENTIFICATION TAGS TO REMAIN ON PLANT MATERIAL AFTER PLANTING FOR MONITORING PURPOSES.
- HERBACEOUS PLANT MATERIALS IN THE VEGETATED CORRIDOR SHALL NOT RECEIVE MULCH, BUT SHALL RECEIVE WOOD STAKES WITH PAINT BLAZES FOR MONITORING PURPOSES.

**EROSION CONTROL NOTES**

- THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.
- THE IMPLEMENTATION OF THESE ESC PLANS AND CONSTRUCTION MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED BY THE LOCAL JURISDICTION, AND VEGETATION/LANDSCAPING IS ESTABLISHED.
- THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO INSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE WATER STANDARDS.
- THE ESC FACILITIES SHOWN ON THIS PLAN ARE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DOES NOT LEAVE THE SITE.
- THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE APPLICANT/CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.
- AT NO TIME SHALL SEDIMENT BE ALLOWED TO ACCUMULATE MORE THAN 1/3 THE BARRIER HEIGHT. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED AFTER PAVING. THE CLEANING OPERATIONS SHALL NOT FLUSH SEDIMENT LADEN WATER INTO THE DOWNSTREAM SYSTEM.
- STORM DRAIN INLETS, BASINS, AND AREA DRAINS SHALL BE PROTECTED UNTIL PAVEMENT SURFACES ARE COMPLETED AND/OR VEGETATION IS RE-ESTABLISHED.
- IF THERE ARE EXPOSED SOILS OR SOILS NOT FULLY ESTABLISHED FROM OCTOBER 1ST THROUGH MAY 31ST, THE WET WEATHER EROSION PREVENTION MEASURES WILL BE IN EFFECT. SEE THE EROSION PREVENTION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL (CHAPTER 4) OF CLEAN WATER SERVICES FOR REQUIREMENTS.
- THE CONTRACTOR SHALL REMOVE ESC MEASURES WHEN VEGETATION IS FULLY ESTABLISHED.
- ALL PUMPING OF SEDIMENT-LADEN WATER SHALL BE DISCHARGED OVER AN UNDISTURBED, PREFERABLY VEGETATED AREA, AND THROUGH A SEDIMENT CONTROL BMP (FILTER BAG, DIRT BAG, ETC.)
- SITE EROSION CONTROL PLAN AND BMP'S MEETING CWS STANDARDS TO BE IN PLACE AND APPROVED PRIOR TO CONSTRUCTION.
- TRACKING OF MATERIALS OUTSIDE OF THE WORK ZONE, ONTO ADJACENT STREETS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE AND CLEAN TO THE SATISFACTION OF THE INSPECTOR. THIS INCLUDES BUT IS NOT LIMITED TO SOIL, AGGREGATE, ASPHALT DEBRIS, ETC.

**WORK HOURS/TRAFFIC CONTROL NOTES**

- GENERAL WORK HOURS ARE FROM 8:00AM TO 6:00PM MONDAY THROUGH FRIDAY.
- CONTRACTOR SHALL LIMIT CLOSURE ON THE TRAIL PATHWAY. BOTH ENDS OF THE TRAIL WILL NEED TO BE PROPERLY SIGNED WITH ADVANCED SIGNAGE WHEN CLOSED.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING DRIVEWAY ACCESS TO BUSINESSES/RESIDENCES, EXCEPT WHEN OTHERWISE APPROVED BY THE CITY AND COORDINATED WITH THE BUSINESS/HOME OWNER.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ACCESS FOR MAIL AND TRASH (FRIDAY) AT ALL TIMES.
- TRAFFIC CONTROL SHALL INCLUDE ALL PAVEMENT MARKING REMOVAL, TEMPORARY PAVEMENT MARKING, BARRICADES, DELINEATORS, SIGNAGE, FLAGGERS, PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS), TEMPORARY PAVEMENT MARKINGS AND ALL INCIDENTALS NECESSARY TO COMPLETE THE WORK. TO BE PAID FOR UNDER THE BID ITEM "TEMPORARY WORK ZONE TRAFFIC CONTROL, COMPLETE".
- CONTRACTOR IS RESPONSIBLE FOR THE IMPLEMENTATION OF A TRAFFIC CONTROL PLAN AND ITS CONTINUED FUNCTIONING FOR THE PROTECTION OF CONSTRUCTION WORKERS, VEHICULAR TRAFFIC, BICYCLE TRAFFIC AND PEDESTRIANS. ALL TRAFFIC CONTROL DEVICES/SIGNAGE SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. APPROVAL OF THE TRAFFIC CONTROL PLAN BY THE CITY OF SHERWOOD DOES NOT NEGATE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN A SAFE WORK ZONE. THE CITY OF SHERWOOD BEARS NO LIABILITY FOR THE CONTRACTOR'S IMPLEMENTATION OF A TRAFFIC CONTROL PLAN.
- WORK IS NOT ALLOWED ON THE FOLLOWING DAYS: JULY 16-18, 2026 FOR ROBIN HOOD FESTIVAL AND AUGUST 7-8, 2026 FOR CRUISIN' SHERWOOD. CONSTRUCTION EQUIPMENT MUST ALSO BE REMOVED FROM STAGING AREA DURING THESE TWO WEEKENDS.

NOTE: STATE OF OREGON MINIMUM PREVAILING WAGE REQUIREMENTS WILL APPLY TO ALL WORK PERFORMED UNDER THIS PROJECT.

**LEGEND**

- W — = EXISTING WATER LINE
- ST/STM — = EXISTING STORM LINE
- SAN — = EXISTING STORM LINE
- GAS — = EXISTING GAS LINE
- COM — = EXISTING TELECOMMUNICATION LINE
- = EXISTING MANHOLE
- = EXISTING CATCH BASIN
- — — = PROJECT LIMITS
- - - = CENTERLINE
- ○ = SEDIMENT FENCE
- ▨ = RIPRAP
- ▨ = JUTE MATTING
- = PERMANENT SEEDING

NOTES

2ND AND PARK REGIONAL STORM FACILITY REHABILITATION

LOCATED IN SECTION 32B, T2S, R1W, W.M. IN THE CITY OF SHERWOOD, WASHINGTON COUNTY, STATE OF OREGON

CITY OF SHERWOOD ENGINEERING DEPARTMENT 20450 SW PINE STREET SHERWOOD, OREGON 97140

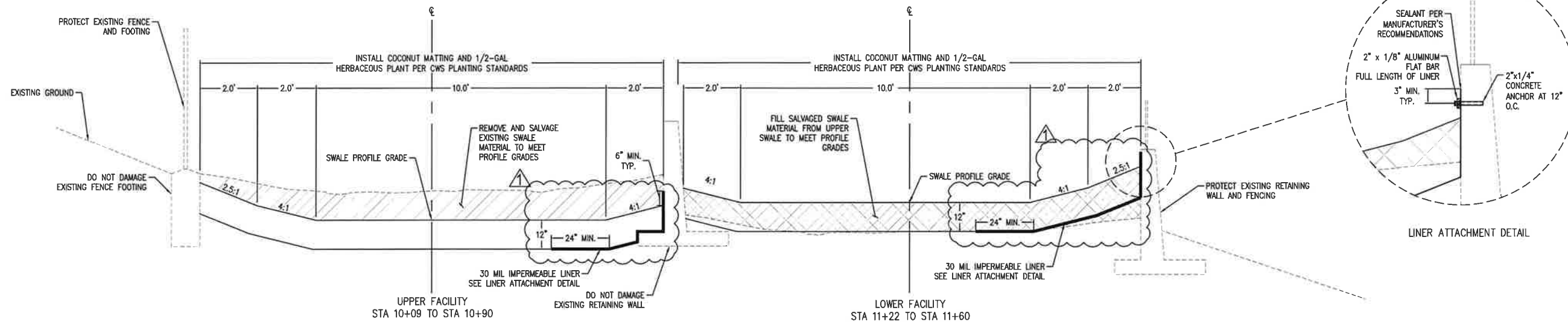
PHONE: (503) 925-2300 FAX: (503) 925-0629 E-MAIL: [engineering@sherwoodoregon.gov](mailto:engineering@sherwoodoregon.gov)



DESIGNED BY:	SAL
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2ND-PARK-SHEETS
REVISIONS

JOB NO.	
SHEET NO.	2
	of 6



1 WATER QUALITY SWALE TYPICAL SECTION  
NOT TO SCALE

- WATER QUALITY SWALE NOTES:**
1. WATER QUALITY SWALE SHALL MEET CLEAN WATER SERVICE'S STANDARDS FOR CONSTRUCTION AND MAINTENANCE PER DRAWING NO. 706.
  2. CONTRACTOR SHALL PROVIDE WATERING IN THE FORM OF TEMPORARY IRRIGATION OR A COMBINATION OF HAND-WATERING FOR THE TWO YEAR PLANT ESTABLISHMENT PERIOD DEPENDING ON PLANT VITALITY AS DETERMINED DURING MONITORING. PROVIDE WATERING AT A RATE OF 1-INCH PER WEEK BETWEEN JUNE 15 AND OCTOBER 15. UNUSUAL WEATHER CONDITIONS (I.E. DROUGHT OR LOWER THAN NORMAL PRECIPITATION) MAY WARRANT EXTENDED IRRIGATIONS FOR PERIODS BEYOND THOSE SPECIFIED ABOVE. IF A TEMPORARY IRRIGATION SYSTEM IS USED, THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A TEMPORARY IRRIGATION SYSTEM DESIGN AND INSTALLATION. PROVIDE THE OWNER DETAILED DRAWINGS AND SPECIFICATIONS OF SYSTEM PRIOR TO INSTALLATION. CONTRACTOR TO COORDINATE WITH CITY OF SHERWOOD FOR CONNECTION TO THE EXISTING WATER SYSTEM, METERING, AND BACKFLOW REQUIREMENTS.  
**NOTE:** THERE IS NO CLOSE POINT OF CONNECTION TO THE PUBLIC WATER SYSTEM.

PLANT SCHEDULE			
BOTANIC NAME	COMMON NAME	QUANTITY	SIZE
CAREX OBNUPTA	SLOUGH SEDGE	1360	6" OR 1/2-GAL CONTAINER
JUNCUS PATENS	SPREADING RUSH	1360	6" OR 1/2-GAL CONTAINER

TREATMENT AREA = 2032 SF  
 SIDE SLOPE AREA = 333 SF  
 PLANTING AREA = 2365 SF  
 REQUIRED PLANTS = 2032 X 1.15 = 2337 PLANTS  
 PROVIDED = 2720 PLANTS

PLANT 115 HERBACEOUS PLANTS PER 100 SQUARE FEET,  
 1' ON CENTER SPACING.

TYPICAL SECTION

**2ND AND PARK REGIONAL STORM FACILITY REHABILITATION**

LOCATED IN SECTION 32B, T2S, R1W, W4M, IN THE CITY OF SHERWOOD, WASHINGTON COUNTY, STATE OF OREGON

**CITY OF SHERWOOD**  
 ENGINEERING DEPARTMENT  
 22560 SW PINE STREET  
 SHERWOOD, OREGON 97140  
 PHONE: (503) 924-2309  
 E-MAIL: engineering@sherwoodoregon.gov

EXPIRES: 12-31-27

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REVISIONS									
ADDENDUM #1									
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JOB NO. \_\_\_\_\_

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**SHEET NOTES**

- CLEARING AND GRUBBING OUTSIDE OF PROJECT LIMITS MAY BE REQUIRED TO ACCESS THIS AREA FOR CONSTRUCTION. THIS IS INCIDENTAL TO BID ITEMS "CLEARING AND GRUBBING."
- CONTRACTOR TO REMOVE ALL VEGETATION WITHIN THE FACILITY PRIOR TO REGRADING. CONTRACTOR MAY ELECT TO USE AN APPROVED HERBICIDE OR HAND REMOVE PLANTINGS AND VEGETATION.
- CONTRACTOR TO BLOCK WATER FLOW FROM WEIR BOX PRIOR TO WORKING IN THE FACILITY.
- STORM FACILITY REHABILITATION WORK, INCLUDING REGRADING, LINER AND RIPRAP INSTALLATION, FLOW SPREADER CONSTRUCTION, ETC. SHALL OCCUR DURING DRY SEASON. CONTRACTOR TO COMPLETE REMOVAL WORK IN A TIMELY MANNER TO COMPLETE PROJECT WITHIN DRY SEASON.

**PROTECTION AND REMOVAL KEY NOTES**

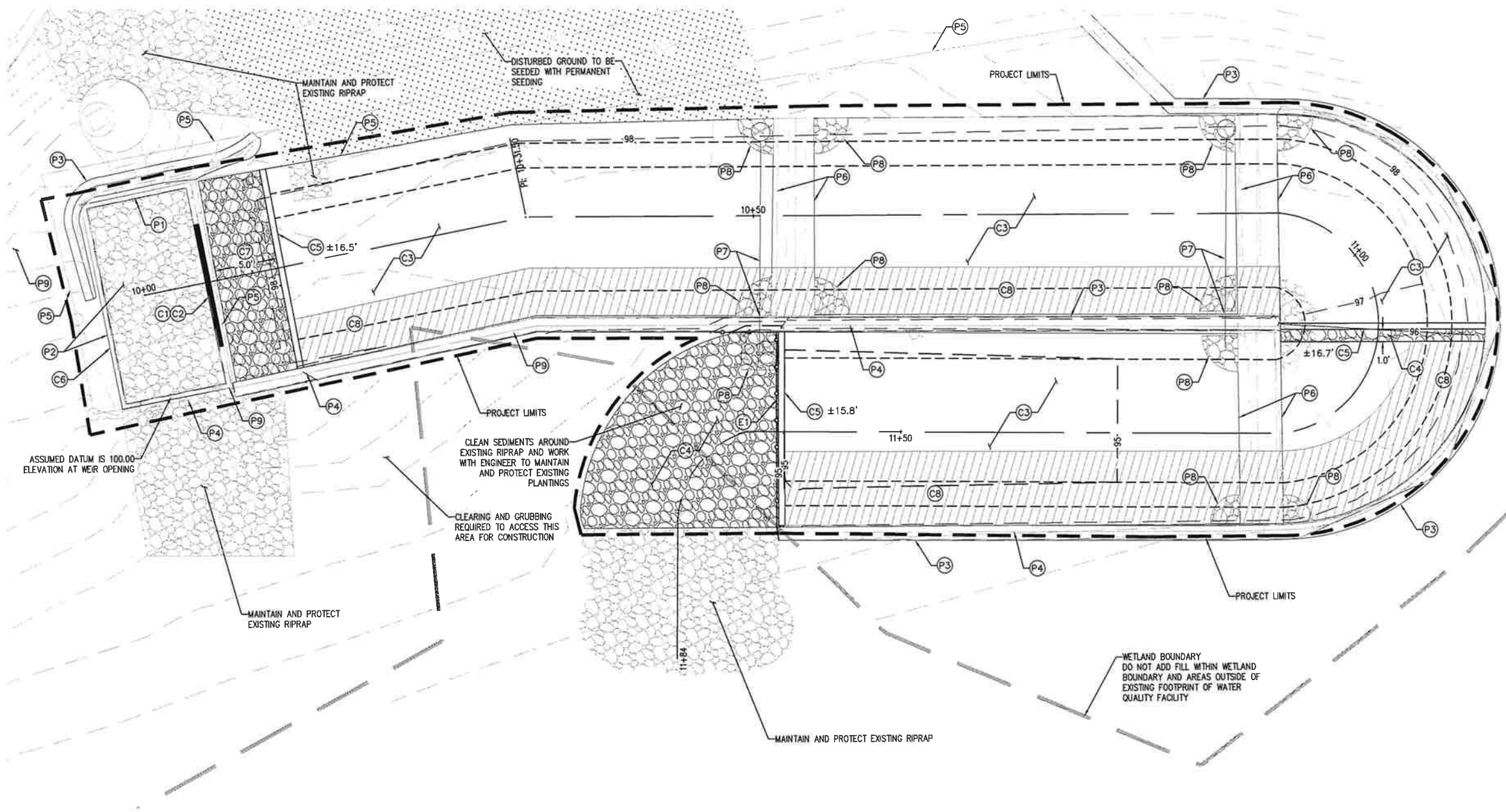
- (P1) PROTECT EXISTING 36" OUTLET PIPE.
- (P2) PROTECT CONCRETE WEIR BOX, REMOVE RIPRAP TO 18" BELOW SNOT FOR ORIFICE CONSTRUCTION (BASE BID), REMOVE REMAINING RIPRAP FROM WEIR BOX (BID ALT), AND CLEAN OUT SEDIMENTS/DEBRIS FROM WEIR BOX (BID ALT).
- (P3) PROTECT EXISTING RETAINING WALL.
- (P4) PROTECT EXISTING CHAIN LINK FENCE.
- (P5) REMOVE CHAIN LINK FENCE AS NECESSARY TO RETROFIT WEIR. SALVAGE CHAIN LINK FENCE TO REINSTALL AFTER RETROFIT.
- (P6) REMOVE EXISTING CONCRETE STEPS/FLOW SPREADER.
- (P7) REMOVE EXISTING 4" PERFORATED PIPE AND PLUG 4" CORES IN RETAINING WALL WITH MECHANICAL PLUG ON EXPOSED SIDE.
- (P8) REMOVE AND RELOCATE EXISTING CLASS 50 RIPRAP.
- (P9) REMOVE EXISTING DAMAGED TEMPORARY IRRIGATION SYSTEM.

**CIVIL KEY NOTES**

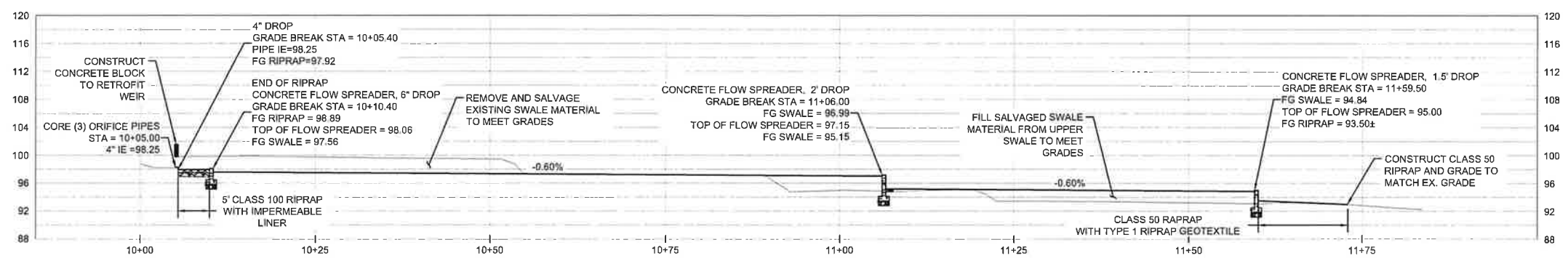
- (C1) CONSTRUCT CONCRETE RETROFIT WITH DOWELS ACROSS EXISTING WEIR WALL PER DETAIL 3 ON SHEET 5.
- (C2) CORE (3) 4" DIAMETER HOLES BELOW BYPASS WEIR AND INSTALL SNOTS PER DETAIL 3 ON SHEET 5.
- (C3) REGRADE STORM FACILITY PER TYPICAL SECTION ON SHEET 3.
- (C4) CONSTRUCT CLASS 50 RIPRAP TRANSITION WITH REUSED RIPRAP.
- (C5) CONSTRUCT CONCRETE FLOW SPREADER PER MODIFIED CWS DRAWING NO. 715. SEE PROFILE FOR ELEVATION DROPS.
- (C6) BID ALT: INSTALL CONCRETE 8'X16' VAULT LID OVER EXISTING WEIR BOX.
- (C7) INSTALL IMPERMEABLE LINER PER LINER ATTACHMENT DETAIL ALONG RETAINING WALL, WEIR BOX, AND FLOW SPREADER AND CONSTRUCT CLASS 50 RIPRAP AT 1' DEPTH WITH REUSED RIPRAP. LINER ON NON-CONCRETE SIDE OF RIPRAP BAY TO COME UP TO TOP OF RIPRAP.
- (C8) INSTALL 30 MIL IMPERMEABLE LINER PER TYPICAL SECTION ON SHEET 3.

**EROSION CONTROL KEY NOTES**

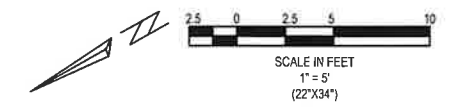
- (E1) INSTALL SEDIMENT FENCE PER CWS DRAWING NO. 875.



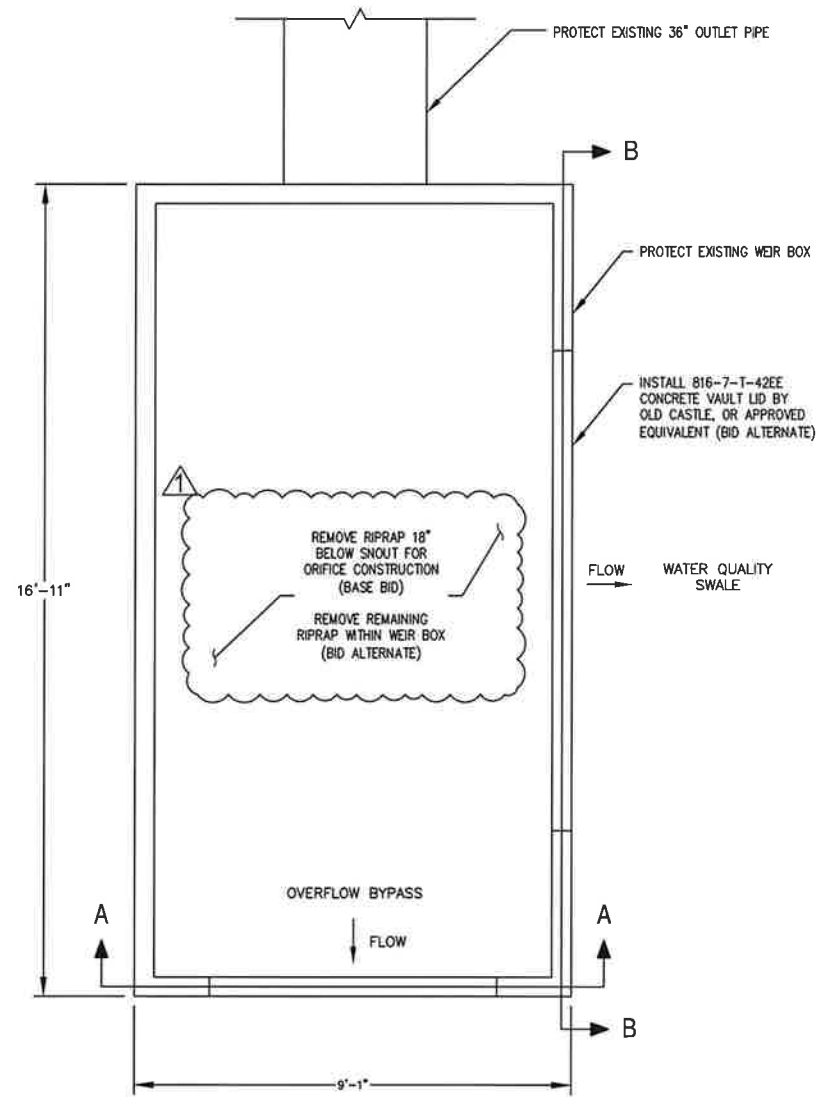
1 WATER QUALITY SWALE PLAN VIEW  
1" = 5' (22'X34')



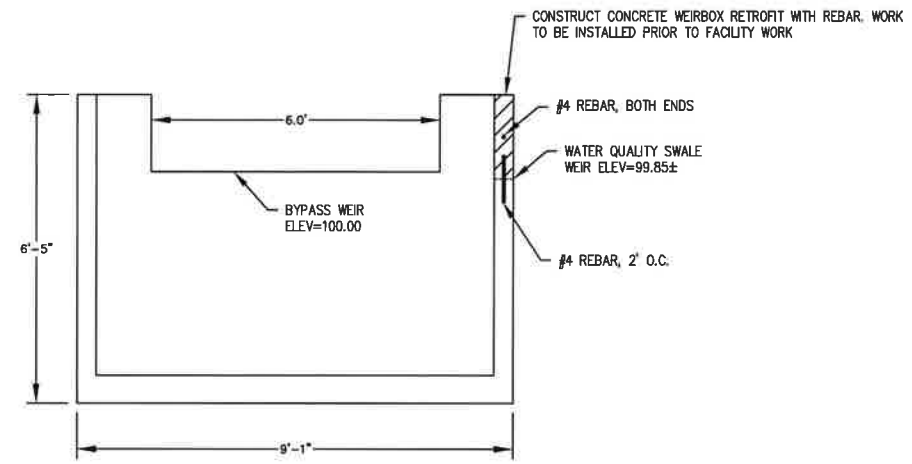
2 WATER QUALITY SWALE PROFILE VIEW  
H: 1"=10'  
V: 1"=10'



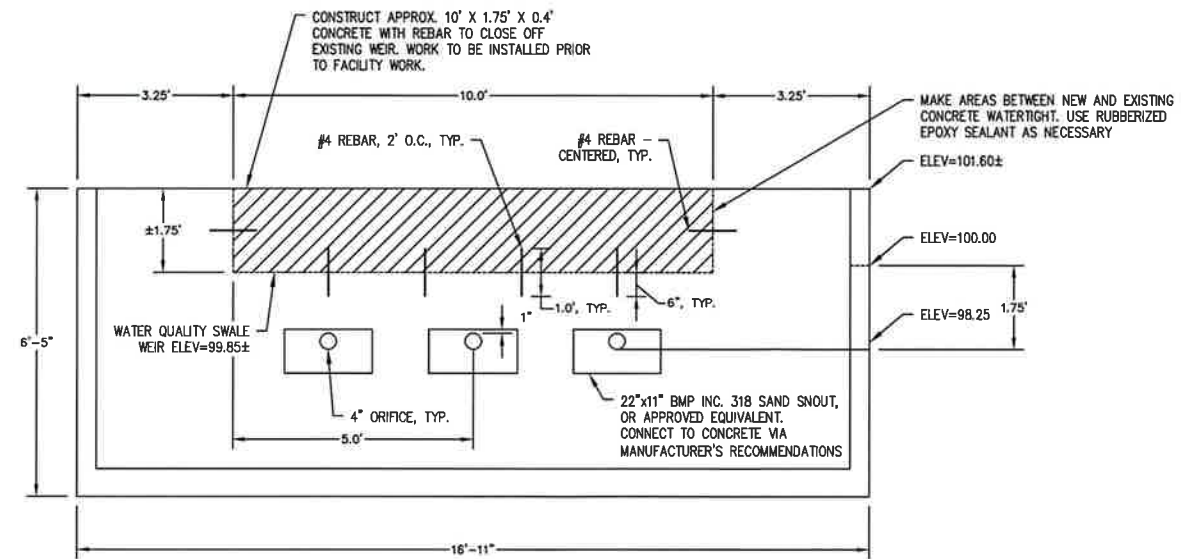
DESIGNED BY:	SAL	DESIGNED BY:	SAL	CHECKED BY:	CCC	FULL SIZE SCALE:	AS NOTED	DATE:	APRIL 2024
DRAWN BY:	SAL	CHECKED BY:	CCC	FULL SIZE SCALE:	AS NOTED	DATE:	APRIL 2024	2ND-PARK-SHEETS	
ADDENDUM #1		ADDENDUM #2		ADDENDUM #3		ADDENDUM #4		REVISIONS	
JOB NO.		SHEET NO.	4						
			9 6						



1 WEIR BOX RETROFIT PLAN VIEW  
NOT TO SCALE



2 WEIR BOX RETROFIT SECTION A-A  
NOT TO SCALE



3 WEIR BOX RETROFIT SECTION B-B  
NOT TO SCALE



DESIGNED BY:	SAL
DRAWN BY:	SAL
CHECKED BY:	CC
FULL SIZE SCALE:	AS NOTED
DATE:	APRIL 2024

REVISIONS	
1	ADDENDUM #1

JOB NO.	2ND-PARK_SHEETS
SHEET NO.	5
	6

**CONSTRUCTION**

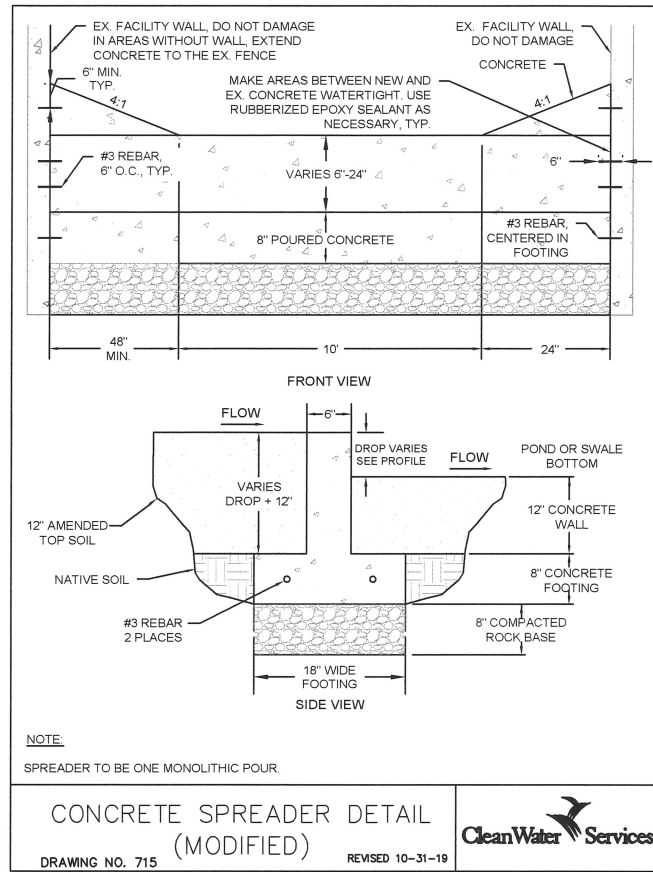
- Water Quality Facility shall be over-excavated and filled to final grade with 12-inch amended topsoil. Topsoil amendments shall be garden compost, not conventional fertilizer amendments.
- A biodegradable Erosion Control Matting shall be placed over the topsoil throughout the swale cross section, fabric shall be held in place in accordance with the manufacturer's installation requirements. Anchor spacing shall be based on 3 fps flow over the fabric.
  - Treatment area - high-density jute matting (Geojute Plus or other approved equal)
  - All other areas - low-density jute matting (EconoJute or other approved equal)
- Plant materials shall be placed in accordance with the plan and plant table as shown on approved plans.
- The water quality facility treatment area plantings can be deemed "substantially complete" once active green growth has occurred to an average growth of 3" and plant density is an average of approx. 6 plants (minimum 1-inch plugs or equivalent) per square foot.
- The facility shall be deemed acceptable to begin the maintenance period when plant growth and density matches the engineer's design as shown on the approved plans and all other requirements have been met. The engineer must certify the facility to be functional, in accordance with the approved plan design to begin the two-year maintenance period.

**MAINTENANCE**

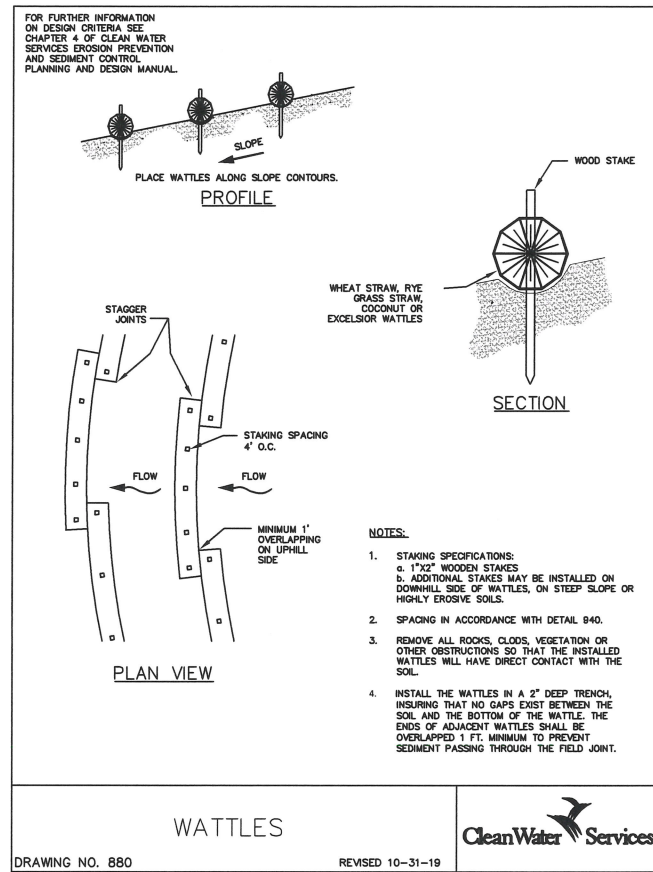
- The permittee is responsible for the maintenance of this facility for a minimum of two years following construction and acceptance of this facility per Chapter 2.
- Irrigation is to be provided per separate irrigation plan as approved.
 

Note: Irrigation needs are to be met using a temporary irrigation system with a timer during the dry season. Systems should be winterized during the wet season to assure longevity and guard against damage from freezing temperatures. Water source shall be as shown on the approved plans.
- Engineer or Owner's Representative is required to perform Monitoring and Maintenance of the Site and provide Documentation as required in Appendix A, 2.5 of the Design and Construction Standards. The Approved Plans shall include a Maintenance Schedule per Appendix A, 2.6.e of the Design and Construction Standards.
- The facility shall be re-excavated and planted if siltation greater than 3 inches in depth occurs within the two-year maintenance period.

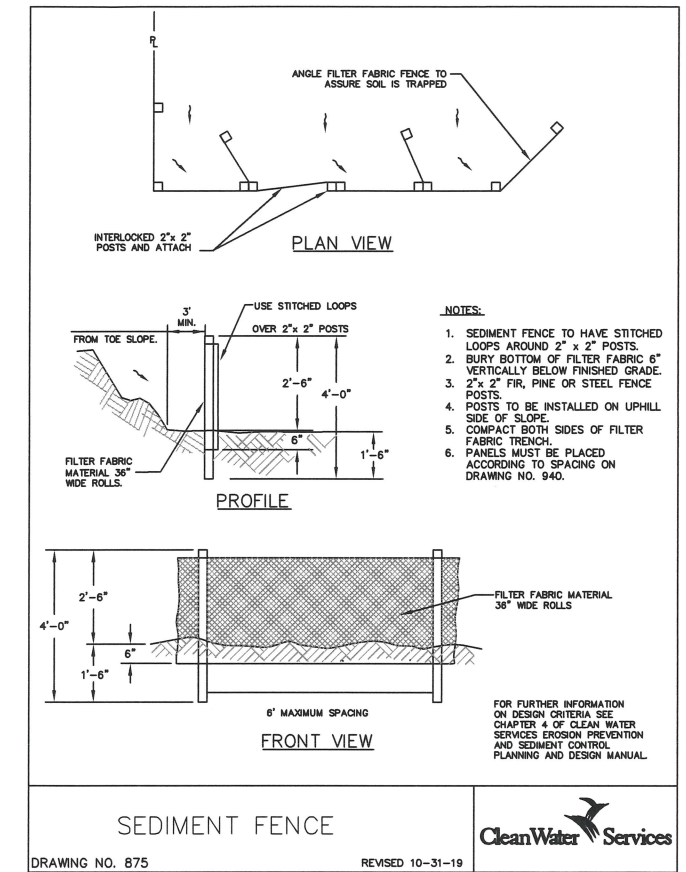
WATER QUALITY SWALE  
CONSTRUCTION & MAINTENANCE NOTES  
DETAIL NO. 706 REVISED 10-31-19



CONCRETE SPREADER DETAIL  
(MODIFIED)  
DRAWING NO. 715 REVISED 10-31-19



WATTLES  
DRAWING NO. 880 REVISED 10-31-19



SEDIMENT FENCE  
DRAWING NO. 875 REVISED 10-31-19

- NOTES**
- WHEN RAINFALL AND RUNOFF OCCURS, A KNOWLEDGEABLE AND EXPERIENCED PERSON IN THE PRINCIPLES, PRACTICES, INSTALLATION, AND MAINTENANCE OF EROSION AND SEDIMENT CONTROLS WHO WORKS FOR THE PERMITTEE MUST PROVIDE DAILY INSPECTIONS OF THE EROSION AND SEDIMENT CONTROLS AND DISCHARGE OUTFALLS.
  - CONSTRUCTION ACTIVITIES MUST AVOID OR MINIMIZE EXCAVATION AND CREATION OF BARE GROUND FROM OCTOBER 1 THROUGH MAY 31ST EACH YEAR.
  - DURING WET WEATHER PERIOD, TEMPORARY STABILIZATION OF THE SITE MUST OCCUR AT THE END OF EACH WORK DAY.
  - SEDIMENT CONTROLS MUST BE INSTALLED AND MAINTAINED ON ALL DOWN GRADIENT SIDES OF THE CONSTRUCTION SITE AT ALL TIMES DURING CONSTRUCTION. THEY MUST REMAIN IN PLACE UNTIL PERMANENT VEGETATION OR OTHER PERMANENT COVERING OF EXPOSED SOIL IS ESTABLISHED.
  - ALL ACTIVE INLETS MUST HAVE SEDIMENT CONTROLS INSTALLED AND MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
  - SIGNIFICANT AMOUNTS OF SEDIMENT THAT LEAVES THE SITE MUST BE CLEANED UP WITHIN 24 HOURS AND PLACED BACK ON THE SITE AND STABILIZED OR PROPERLY DISPOSED. THE CAUSE OF THE SEDIMENT RELEASE MUST BE FOUND AND PREVENTED FROM CAUSING A RECURRENCE OF THE DISCHARGE WITHIN THE SAME 24 HOURS. ANY IN-STREAM CLEAN UP OF SEDIMENT SHALL BE PERFORMED ACCORDING TO THE OREGON DEPARTMENT OF STATE LANDS REQUIRED TIME FRAME.
  - SEDIMENT MUST NOT BE INTENTIONALLY WASHED INTO STORM SEWERS, DRAINAGEWAYS, OR WATER BODIES.
  - SEDIMENT MUST BE REMOVED FROM BEHIND ALL SEDIMENT CONTROL MEASURES WHEN IT HAS REACHED A HEIGHT OF 1/3-RD THE BARRIER HEIGHT AND PRIOR TO THE CONTROL MEASURES REMOVAL.
  - CLEANING OF ALL STRUCTURES WITH SUMPS MUST OCCUR WHEN THE SEDIMENT RETENTION CAPACITY HAS BEEN REDUCED BY 50% AND AT COMPLETION OF PROJECT.
  - ANY USE OF TOXIC OR OTHER HAZARDOUS MATERIALS MUST INCLUDE PROPER STORAGE, APPLICATION, AND DISPOSAL.
  - THE PERMITTEE MUST PROPERLY MANAGE HAZARDOUS WASTES, USED OILS, CONTAMINATED SOILS, CONCRETE WASTE, SANITARY WASTE, LIQUID WASTE, OR OTHER TOXIC SUBSTANCES DISCOVERED OR GENERATED DURING CONSTRUCTION.
  - THE APPLICATION RATE OF FERTILIZERS USED TO REESTABLISH VEGETATION MUST FOLLOW MANUFACTURER'S RECOMMENDATIONS. NUTRIENT RELEASES FROM FERTILIZERS TO SURFACE WATERS MUST BE MINIMIZED. TIME RELEASE FERTILIZERS SHOULD BE USED AND CARE SHOULD BE MADE IN APPLICATION OF FERTILIZERS WITHIN ANY WATER WAY RIPARIAN ZONE.
  - OWNER OR DESIGNATED PERSON SHALL BE RESPONSIBLE FOR PROPER INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES, IN ACCORDANCE WITH CURRENT CLEAN WATER SERVICES STANDARDS AND STATE, AND FEDERAL REGULATIONS.
  - PRIOR TO ANY LAND DISTURBING ACTIVITIES, THE BOUNDARIES OF THE CLEARING LIMITS, VEGETATED BUFFERS, AND ANY SENSITIVE AREAS SHOWN ON THIS PLAN SHALL BE CLEARLY DELINEATED IN THE FIELD. UNLESS OTHERWISE APPROVED, NO DISTURBANCE IS PERMITTED BEYOND THE CLEARING LIMITS. THE OWNER/PERMITTEE MUST MAINTAIN THE DELINEATION FOR THE DURATION OF THE PROJECT. NOTE: VEGETATED CORRIDORS TO BE DELINEATED WITH ORANGE CONSTRUCTION FENCE OR APPROVED EQUAL.
  - PRIOR TO ANY LAND DISTURBING ACTIVITIES, THE BMPs THAT MUST BE INSTALLED ARE GRAVEL CONSTRUCTION ENTRANCE, PERIMETER SEDIMENT CONTROL, AND INLET PROTECTION. THESE BMPs MUST BE MAINTAINED FOR THE DURATION OF THE PROJECT.
  - IF VEGETATIVE SEED MIXES ARE SPECIFIED, SEEDING MUST TAKE PLACE NO LATER THAN SEPTEMBER 1ST, THE TYPE AND PERCENTAGES OF SEED IN THE MIX ARE AS IDENTIFIED ON THE PLANS OR AS SPECIFIED BY THE DESIGN ENGINEER.
  - WATERTIGHT TRUCKS MUST BE USED TO TRANSPORT SATURATED SOILS FROM THE CONSTRUCTION SITE. AN APPROVED EQUIVALENT IS TO DRAIN THE SOIL ON SITE AT A DESIGNATED LOCATION USING APPROPRIATE BMPs. SOIL MUST BE DRAINED SUFFICIENTLY FOR MINIMAL SPILLAGE.
  - ALL PUMPING OF SEDIMENT LADEN WATER MUST BE DISCHARGED OVER AN UNDISTURBED, PREFERABLY VEGETATED AREA, AND THROUGH A SEDIMENT CONTROL BMP (I.E. FILTER BAG).
  - THE ESC PLAN MUST BE KEPT ONSITE. ALL MEASURES SHOWN ON THE PLAN MUST BE INSTALLED PROPERLY TO ENSURE THAT SEDIMENT LADEN WATER DOES NOT ENTER A SURFACE WATER SYSTEM, ROADWAY, OR OTHER PROPERTIES.
  - THE ESC MEASURES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE MEASURES SHALL BE UPGRADED AS NEEDED TO MAINTAIN COMPLIANCE WITH ALL REGULATIONS.
  - WRITTEN ESC LOGS ARE SUGGESTED TO BE MAINTAINED ONSITE AND AVAILABLE TO DISTRICT INSPECTORS UPON REQUEST.
  - IN AREAS SUBJECT TO WIND EROSION, APPROPRIATE BMPs MUST BE USED, WHICH MAY INCLUDE THE APPLICATION OF FINE WATER SPRAYING, PLASTIC SHEETING, MULCHING, OR OTHER APPROVED MEASURES.
  - ALL EXPOSED SOILS MUST BE COVERED, AT END OF BUSINESS DAY, DURING WET WEATHER PERIOD, FROM OCTOBER 1 - MAY 31.

STANDARD EROSION CONTROL  
NOTES FOR SITES LESS THAN 1  
ACRE  
DRAWING NO. 945 REVISED 10-31-19



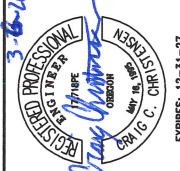
DETAILS 2

2ND AND PARK REGIONAL STORM  
FACILITY REHABILITATION

LOCATED IN SECTION 32B, T2S, R1W, W4M IN THE CITY OF SHERWOOD,  
WASHINGTON COUNTY, STATE OF OREGON

CITY OF SHERWOOD  
ENGINEERING DEPARTMENT  
SHERWOOD, OREGON 97140

PHONE: (503) 876-3329  
FAX: (503) 825-0629  
E-MAIL: [engineering@ci.sherwood.or.us](mailto:engineering@ci.sherwood.or.us)



DESIGNED BY:	SAI	DATE:	APRIL 2008
DRAWN BY:	SAI	FULL SIZE SCALE:	AS NOTED
CHECKED BY:	CCC	DATE:	APRIL 2008
2ND-PARK-SHEETS			
REVISIONS			
JOB NO.			
SHEET NO.	SHEET	6	
of 6			