

Cottrell Pond Restoration

Legend

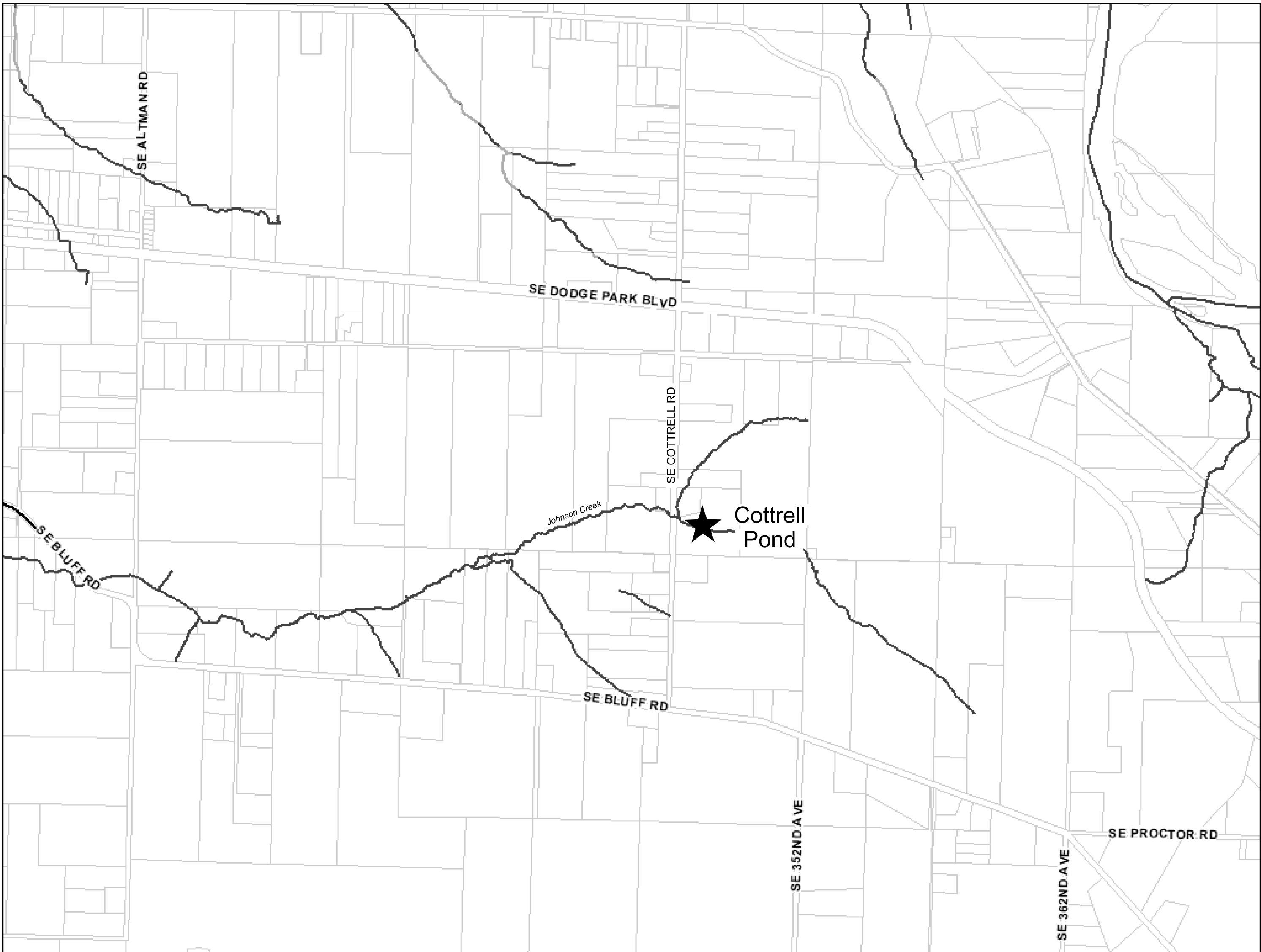
Stream Alignment Centerline	
Stream Alignment Cross Section	
Major Contour Line	
Minor Contour Line	
Coniferous Tree	
Deciduous Tree	
Boulders	
Culvert	
Water Meter	
Control Points	
Water Main	
Fire Hydrant	
Electric (underground)	
Gas Line (wrapped steel)	
Edge of AC Pavement	
Edge of Gravel	
Right of Way Line	
Existing Fence	
Ditch	
Stairway	
Utility Pole	
Building	
Existing Footbridge	
Log Sill Type 1	
Log Sill Type 2	
Rock	
Exclusion Fence	
Fiber Roll Wattles	

ABBREVIATIONS:

AVE	Avenue
BLVD	Boulevard
CMP	Corrugated Metal Pipe
DIA	Diameter
ODEQ	Oregon Department of Environmental Quality
OHW	Ordinary High Water
P/L	Property Line
RD	Road
SE	Southeast
SEC	Significant Environmental Concern

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Location Map

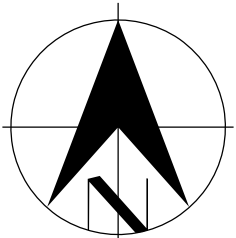
NTS

CONSTRUCTION NOTES:

1. INSTALL TEMPORARY ORANGE PLASTIC MESH FENCE PER DETAIL 1 ON SHEET 11.
2. REMOVE EXISTING FENCE.
3. REMOVE EXISTING SHED.
4. INSTALL CONSTRUCTION ENTRANCE.
5. INSTALL TYPE 3 FIBER ROLL WATTLES PER DETAIL 1 ON SHEET 13.
6. INSTALL SEDIMENT CONTROL BAG PER DETAIL 2 ON SHEET 13.
7. INSTALL TEMPORARY DIVERSION DAM.
8. INSTALL TEMPORARY DIVERSION PUMP AND PIPE.
9. INSTALL TOE ARMORING.
10. INSTALL CONSTRUCTED STREAM BED.
11. CONSTRUCT FLOW SPLIT.
12. CONSTRUCT POND OUTLET.
13. INSTALL LOG SILL TYPE 1.
14. INSTALL LOG SILL TYPE 2.

GENERAL NOTES:

1. UTILITIES AND SERVICE LATERALS AS SHOWN IN THE CONTRACT DOCUMENTS ARE AT APPROXIMATE LOCATIONS. VERIFY ALL LOCATIONS IN THE FIELD PRIOR TO CONSTRUCTION.
2. NOT ALL WATER OR GAS SERVICE LATERALS ARE SHOWN.
3. ALL WORK SHALL CONFORM TO THE 2020 EDITION OF CITY OF PORTLAND STANDARD CONSTRUCTION SPECIFICATIONS UNLESS OTHERWISE INDICATED BY CONTRACT DOCUMENTS.
4. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR OBTAINING ALL TRAFFIC CONTROL PERMITS AND PROVIDING REQUIRED TRAFFIC CONTROL PER SPECIAL PROVISIONS 00220, 00221, 00222 AND 00223.
5. THE CONTRACTOR MUST COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, INCLUDING REQUIREMENTS SET FORTH IN THE PERMITS OBTAINED FOR THIS PROJECT. THE CONTRACTOR MUST MAINTAIN AN APPROVED SET OF CONTRACT DOCUMENTS ONSITE DURING CONSTRUCTION INCLUDING A COPY OF ALL PERMITS.
6. TREES SHALL BE PROTECTED OR CLEARED AND SALVAGED FOR REUSE ONSITE AS SPECIFIED IN THE TREE MANAGEMENT PLAN. CONTRACTOR TO VARY ORIENTATION OF LARGE WOOD PLACEMENT AS DIRECTED BY PROJECT ENGINEER.
7. ALL EQUIPMENT, MATERIALS, AND PERSONNEL SHALL REMAIN WITHIN THE DESIGNATED WORK LIMITS. ALL DISTURBED AREAS OUTSIDE THE PROJECT BOUNDARY SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER.
8. CONSTRUCTION WORK AFFECTING AREAS BELOW ORDINARY HIGH WATER MUST BE CONDUCTED DURING THE APPROVED IN-WATER WORK WINDOW FOR JOHNSON CREEK (JULY 15 - AUGUST 31).
9. EROSION AND SEDIMENT CONTROL IS REQUIRED FOR THIS PROJECT. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THESE PLANS REPRESENT A POSSIBLE COURSE OF ACTION AND SHALL BE MODIFIED BY THE CONTRACTOR TO MEET PERMIT REQUIREMENTS PER SITE CONDITIONS. THE CONTRACTOR MUST SUBMIT AND IMPLEMENT AN APPROVED EROSION AND SEDIMENT CONTROL PLAN (ESCP) PER SPECIAL PROVISION 00280 AND ODEQ EROSION CONTROL NOTES ON SHEET CE01.
10. EXPOSED SOILS SHALL BE DECOMPACTED AND AMENDED ACCORDING TO SPECIAL PROVISION 01040 AND WILL BE SEEDED ACCORDING TO SPECIAL PROVISION 01030. SITE REVEGETATION TO BE COMPLETED BY OWNER.
11. NATIVE SEED MIX TO BE PROVIDED BY OWNER.
12. SURVEY CONTROL AND PROJECT CONDITIONS SHOWN IN MODIFIED STATE PLANE NORTH NAD83 AND CITY OF PORTLAND VERTICAL DATUM."



Township/Range
Street Opening Permit Number and Date
Synergen Work Order Number
Locate Call In Reference Number

No	Date	Description	Appd
Revision			
Survey	Mon / Yr	XXXX	

Designed By	Program Mgr
CAD Checked By	Const Mgr
Checked By	Const Supvr
Project Mgr	Date



Kenneth M. Ackerman, Chief Engineer, PE No 19424
Preliminary
Date
Kenneth M. Ackerman, Principal Engineer, PE No 19424
Date

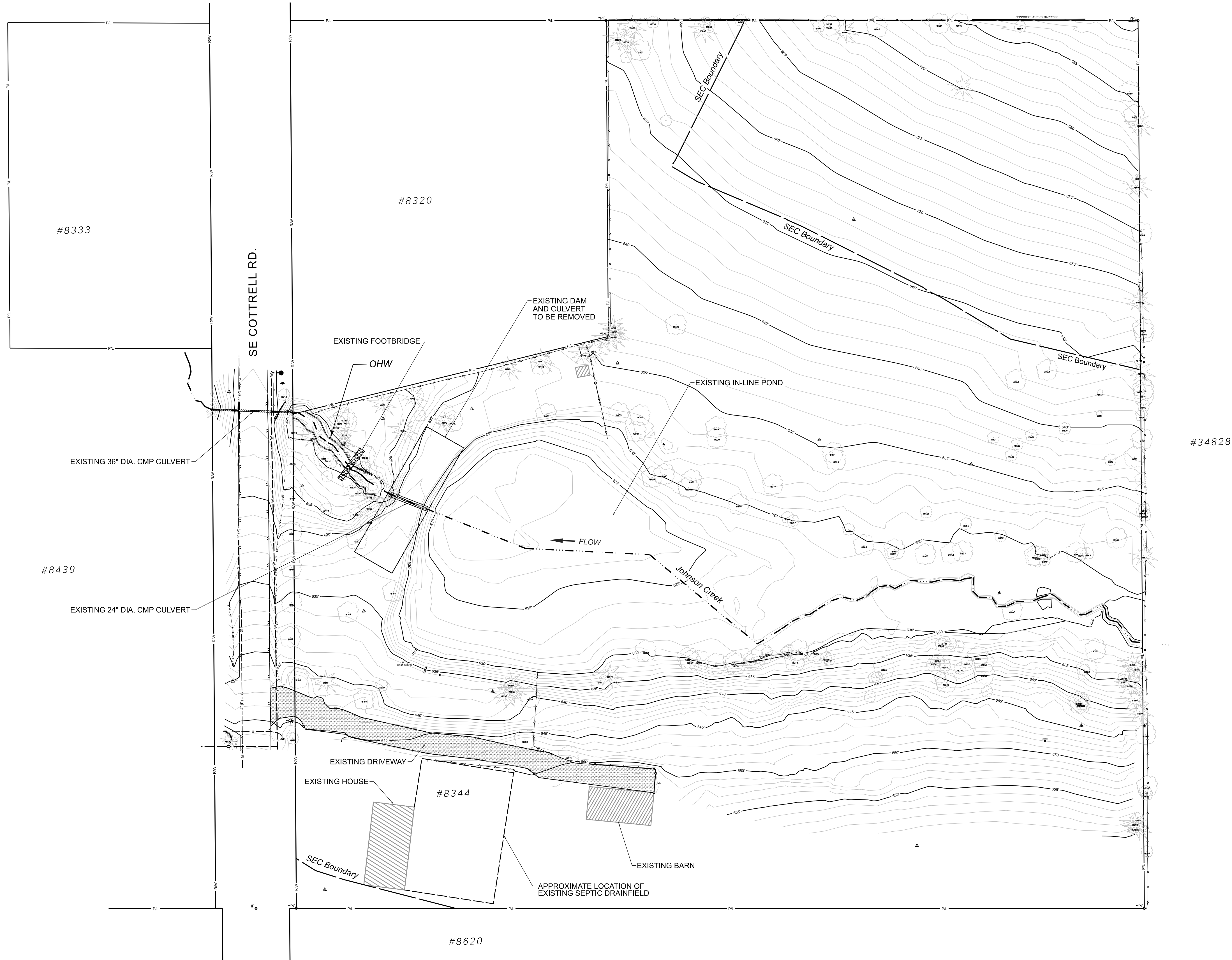


Cottrell Pond Restoration
MULTNOMAH COUNTY PERMIT PLANS

Cover Sheet

SAP Project No W02229
1/4 Section
Sheet No 1 of 13

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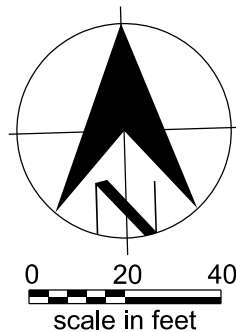
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Cottrell Pond Restoration

Existing Conditions



SAP Project No
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1/4 Section
Sheet No
2 of 13

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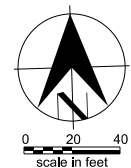
CONSTRUCTION NOTES:

9. STABILIZE EMBANKMENT TOE WITH EMBEDDED CLASS 50 RIPRAP.
10. CONSTRUCT GRAVEL STREAMBED.
11. CONSTRUCT FLOW SPLIT.
12. CONSTRUCT AMPHIBIAN POND OUTLET.
13. INSTALL LOG STRUCTURE.
14. INSTALL LARGE WOODY DEBRIS.

SHEET NOTE:

CONTRACTOR TO APPLY OWNER-SUPPLIED NATIVE SEED MIX TO ALL DISTURBED AREAS VIA HYDROSEEDING OR HAND.

#34828



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Cottrell Pond Restoration

Proposed Conditions

SAP Project No
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1/4 Section

Sheet No

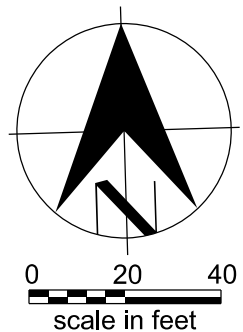
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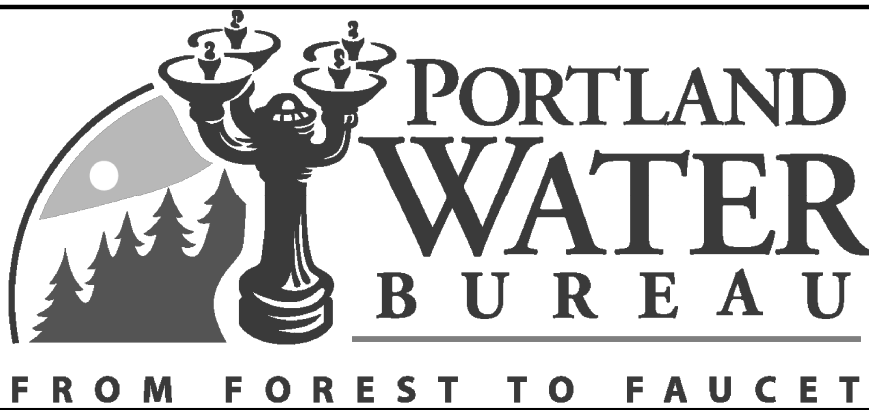
CONSTRUCTION NOTES:

1. INSTALL TEMPORARY ORANGE PLASTIC EXCLUSION FENCE PER DETAIL 1 ON SHEET 11.
- X REMOVE TREE



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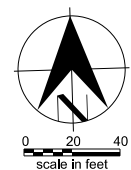
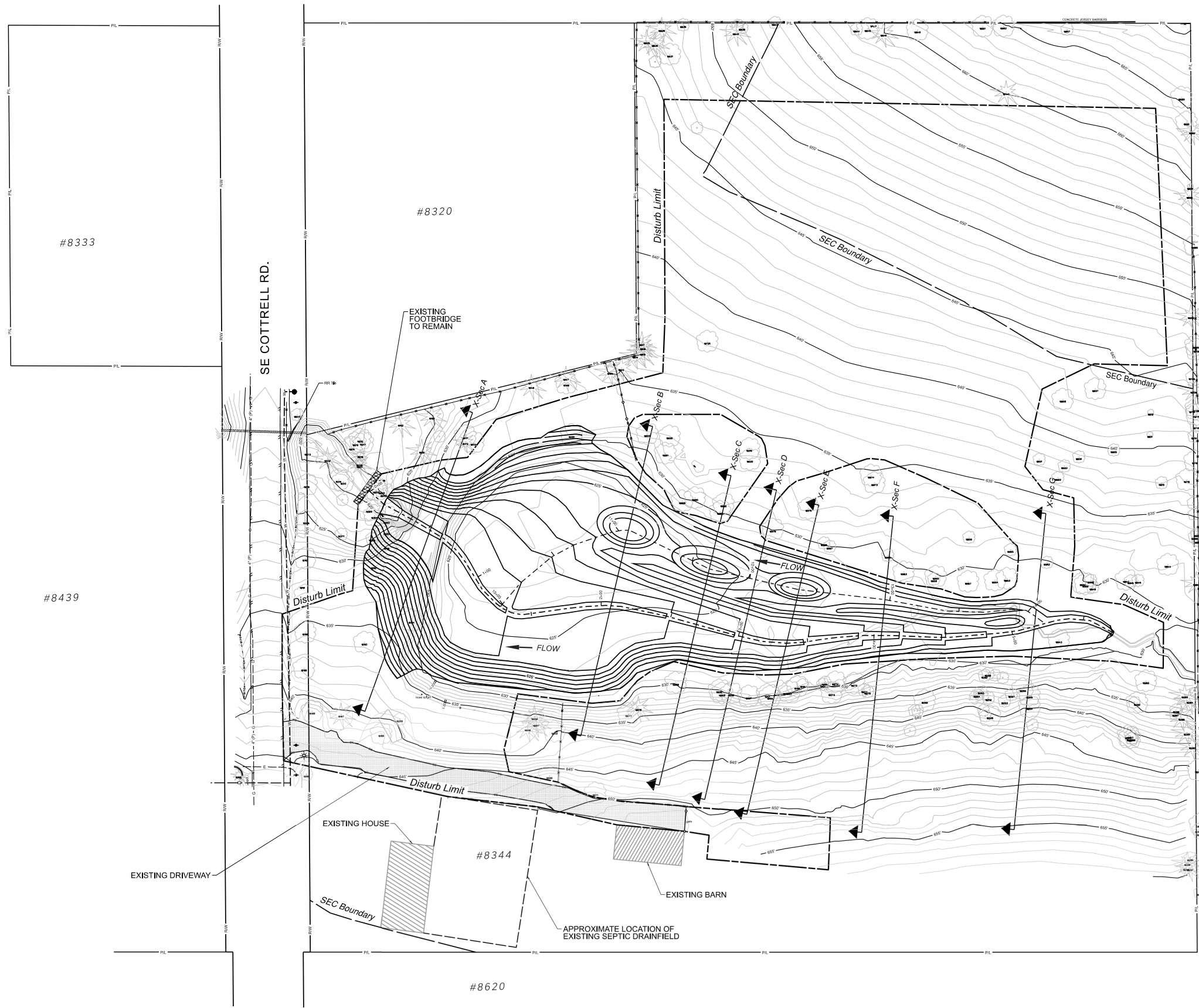


Cottrell Pond Restoration

Tree Management

SAP Project No
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1/4 Section
Sheet No
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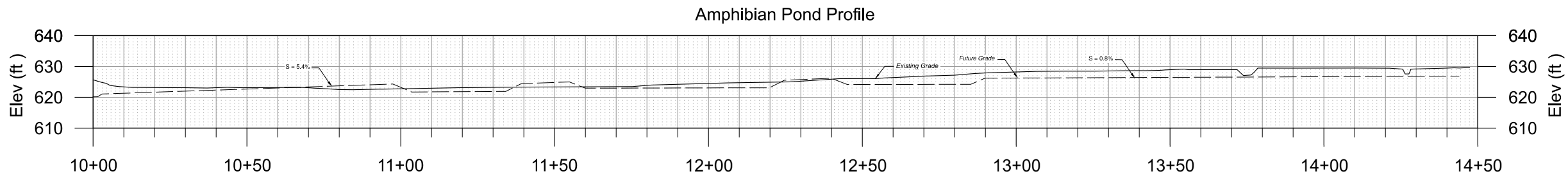
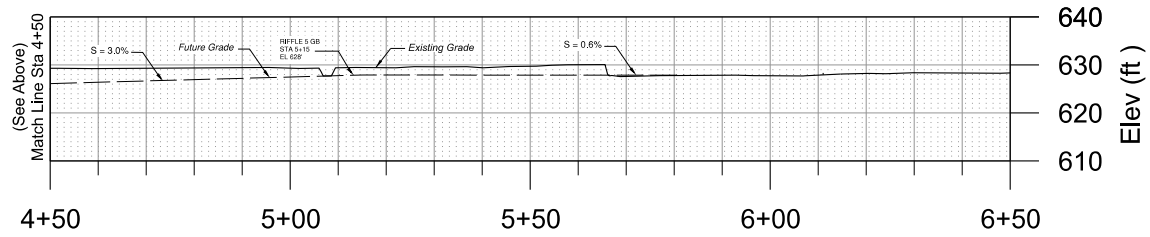
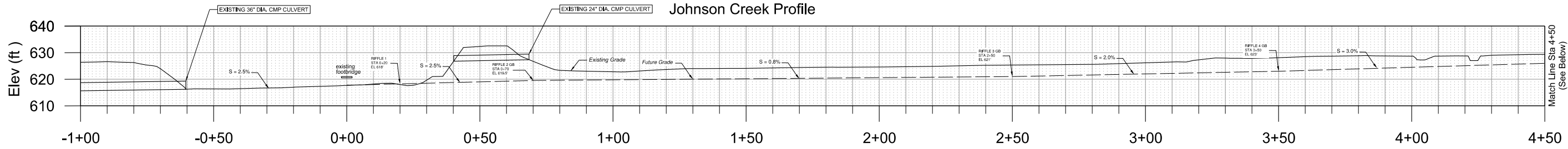


Cottrell Pond Restoration

Grading Plan

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Cottrell Pond Restoration

Profiles

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1/4 Section
Sheet No
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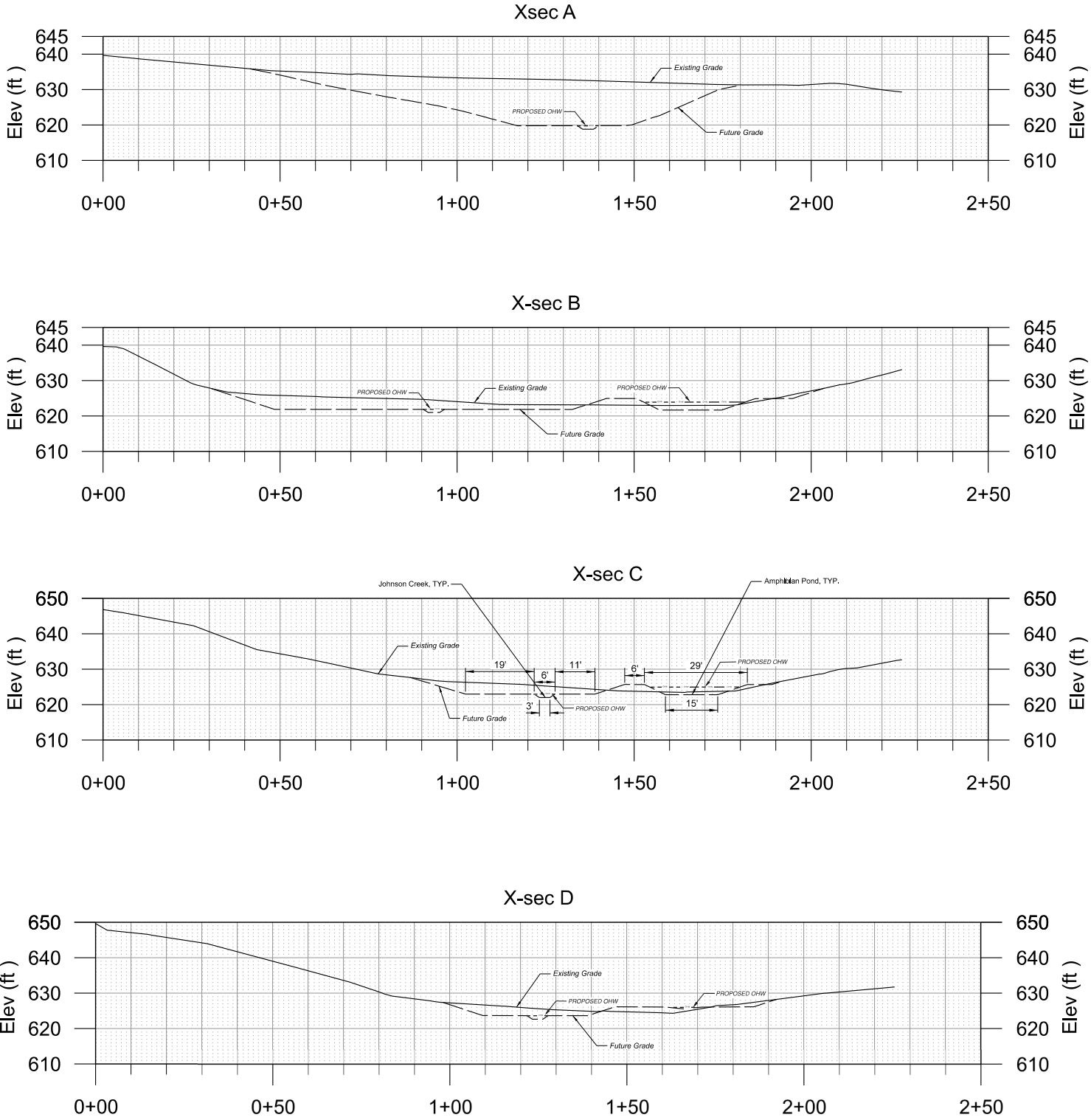
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Cottrell Pond Restoration

Cross-Sections



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Checked By	Const Supvr	
Project Mgr	Date	



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Cottrell Pond Restoration

Cross-Sections

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scale in feet

SAP Project No
W02229
1/4 Section
Sheet No
10 of 13

