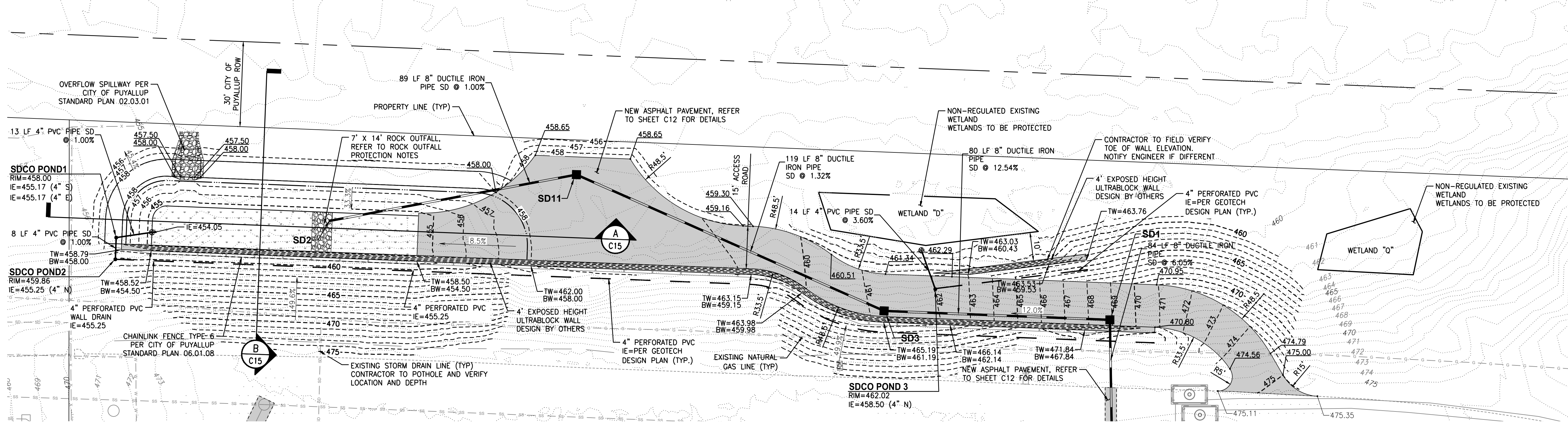


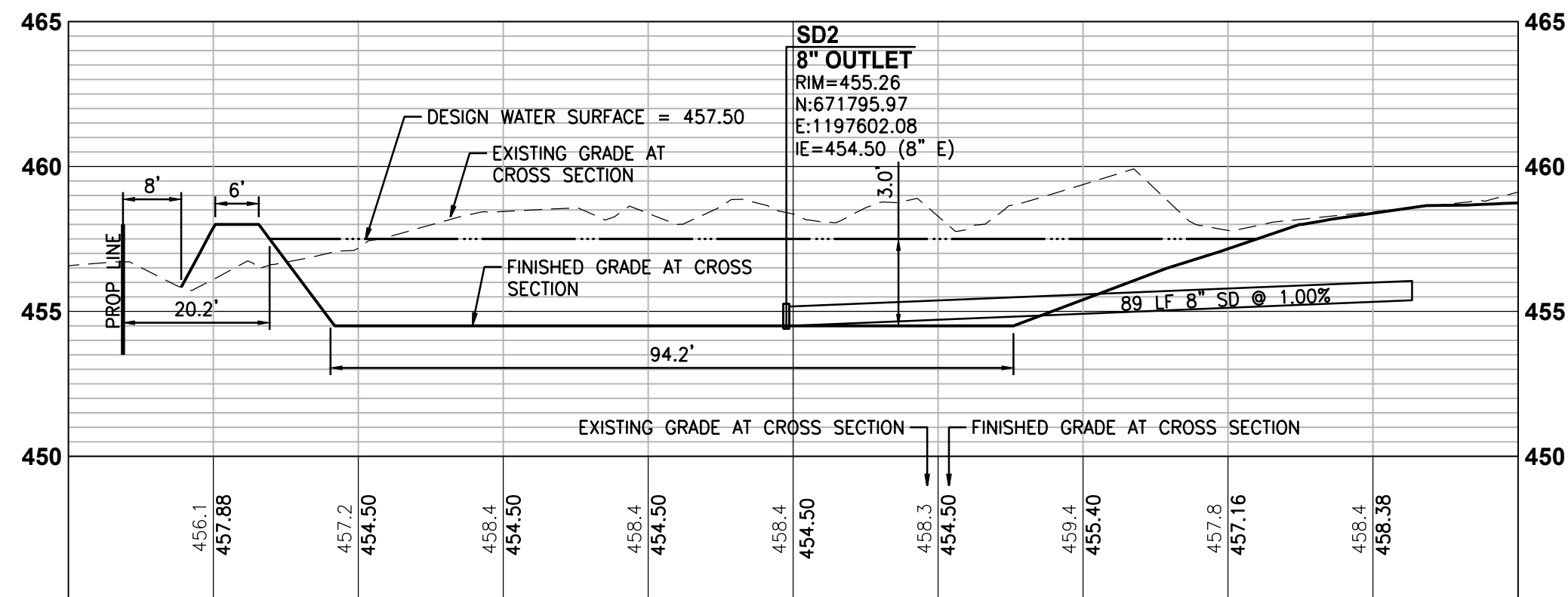
NORTH UTILITY YARD INFILTRATION POND
FOR
CENTERIS VOLTAGE PARK

A PORTION OF THE NE 1/4, SE 1/4, NW 1/4 & SW 1/4, OF THE SE 1/4 OF SEC. 3,TWN. 19 N, RGE. 4 E, W.M. CITY OF PUYALLUP, PIERCE COUNTY, WASHINGTON



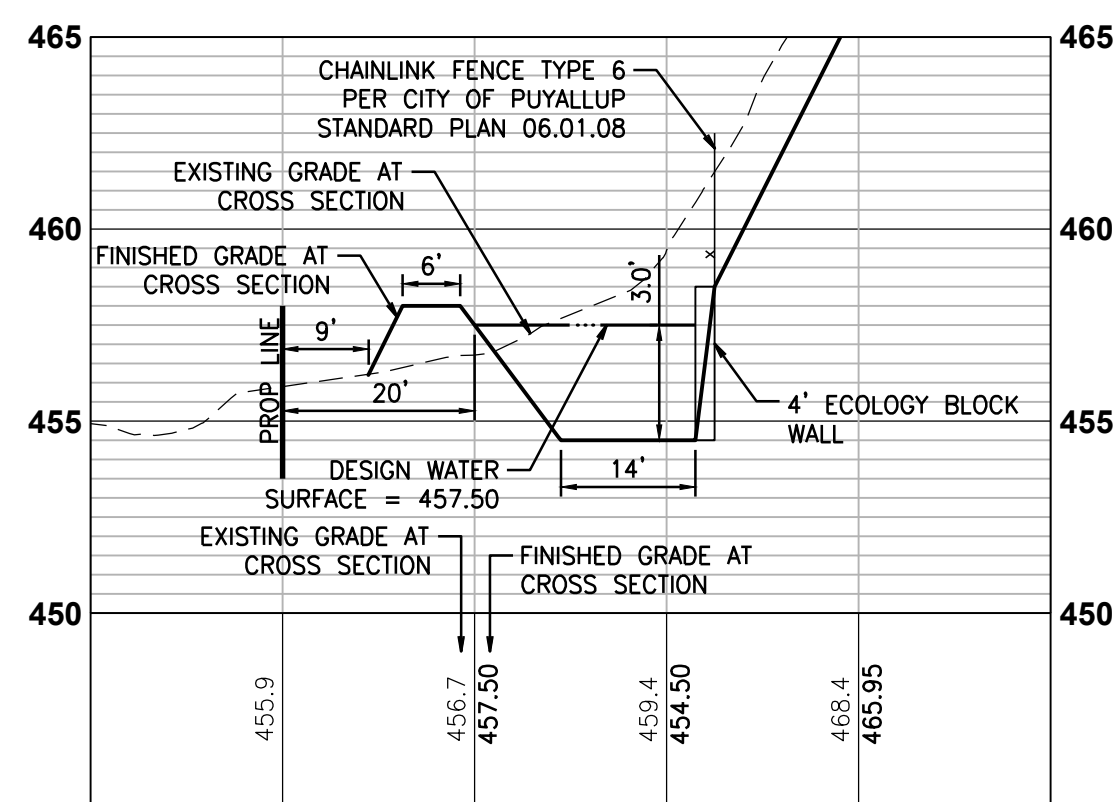
VOLTAGE PARK - NORTH UTILITY YARD POND

SCALE: 1" = 20'



INFILTRATION POND LENGTH CROSS SECTION

SCALE: HORIZONTAL: 1" = 20' VERTICAL 1" = 5'



INFILTRATION POND WIDTH CROSS SECTION

SCALE: HORIZONTAL: 1" = 20' VERTICAL 1" = 5'

POND INFORMATION

- | | |
|------------------------------------|-------------------|
| 1. POND BOTTOM AREA: | 1,305 SQUARE FEET |
| 2. POND BOTTOM ELEVATION: | 454.50 FEET |
| 3. DESIGN WATER SURFACE AREA: | 3,135 SQUARE FEET |
| 4. DESIGN WATER SURFACE ELEVATION: | 457.50 FEET |
| 5. REQUIRED POND VOLUME: | 5,924 CUBIC FEET |
| 6. PROVIDED POND VOLUME: | 6,660 CUBIC FEET |

ROCK PROTECTION AT OUTFALLS

RIPRAP SHALL BE REASONABLY WELL GRADED WITH GRADATION AS FOLLOWS:
MAXIMUM STONE SIZE - 24" (NOMINAL DIAMETER)
MEDIAN STONE SIZE - 16"
MINIMUM STONE SIZE - 4"

RIP RAP MINIMUM DIMENSIONS:
THICKNESS - 2'
WIDTH - DIAMETER + 6" OR 3 X PIPE DIAMETER, WHICHEVER IS GREATER
LENGTH - 12' OR 4 X PIPE DIAMETER, WHICHEVER IS GREATER
HEIGHT - CROWN + 1'

GRADING GENERAL NOTES

- ALL GRADING AND PUBLIC IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PROVISIONS OF THE CURRENT CITY ORDINANCE AND STANDARD PLANS AND THE GEOTECHNICAL REPORTS PREPARED BY GEOTECHNICAL ENGINEERS DATED JUNE 14TH AND 19TH, 2024. THE GRADING AND IMPROVEMENTS ARE SUBJECT TO THE OBSERVATION OF THE PUBLIC WORKS DEPARTMENT.
- ALL EXISTING UTILITY STRUCTURE LIDS THAT FALL WITHIN THE AREA OF WORK SHALL BE ADJUSTED TO FINISHED GRADE ELEVATIONS. THE CONTRACTOR SHALL CONFIRM THE FEASIBILITY OF ADJUSTING EXISTING UTILITY STRUCTURE LIDS TO FINISHED GRADE PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
- ALL SPOT ELEVATIONS SHOWN ARE TO FINISHED SURFACE (TOP OF ASPHALT OR TOP OF CONCRETE PAVEMENT) UNLESS OTHERWISE NOTED.

TW - TOP OF WALL
BW - BOTTOM OF WALL
- GEOTECHNICAL INVESTIGATION OF THE AREA DOWN GRADIENT OF THE PROJECT WITHIN THE INFILTRATION POND LOCATION DID NOT ENCOUNTER A SEASONAL HIGH WATER TABLE. REFER TO THE PREPARED GEOTECHNICAL REPORTS.

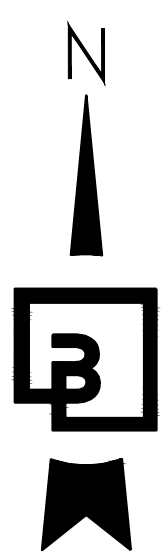
STORM DRAIN GENERAL NOTES

- ALL STORM DRAIN (SD) LINES SHALL BE SDR-35 PVC UNLESS OTHERWISE NOTED. ALL STORM DRAIN PIPES AND STRUCTURES SHALL BE DESIGNED PER MANUFACTURER'S SPECIFICATIONS AND CITY OF PUYALLUP STANDARDS.

SITE INFORMATION:

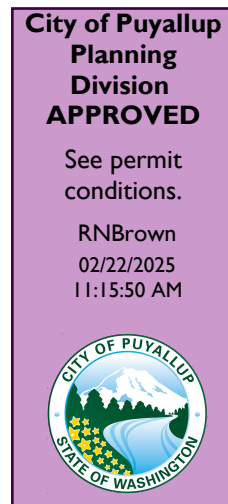
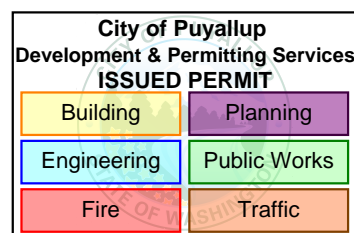
ADDRESS: 1023 39TH AVE SE
PUYALLUP, WA

TAX PARCEL: 0419034037



STORM STRUCTURES
SD1 CB TYPE 1 - 24" SOLID COVER N: 671761.09 E: 1197877.01 RIM=468.91 IE=466.93 (8" S) IE=466.93 (8" W)
SD2 8" OUTLET N: 671795.97 E: 1197602.08 RIM=455.26 IE=454.50 (8" E)
SD3 CB TYPE 1 - 24" SOLID COVER N: 671764.23 E: 1197797.45 RIM=461.21 IE=456.95 (8" E) IE=456.95 (8" NW)

STORM STRUCTURES
SD11 CB TYPE 1L - 24" SOLID COVER N: 671812.29 E: 1197689.11 RIM=458.58 IE=455.39 (8" SE) IE=455.39 (8" W)



Prior to starting construction, the contractor shall verify the location and design of the existing utility lines located near the proposed project footprint. The general contractor shall be responsible for protecting the utilities as designed under the approved PRCCP20240183 civil plans and maintaining utility separation from all other existing and proposed utilities prior to constructing the wall. Any and all conflicts between the proposed project and and civil design shall be mitigated and corrected at the expense of the permit applicant and property owner. The City shall not be held responsible or liable for any conflicts that arise between the building and civil plans.

UTILITY CONFLICT NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT BY POT-HOLING THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATE @ 1-800-424-5555 AND THEN POT-HOLING ALL OF THE EXISTING UTILITIES AT LOCATIONS OF NEW UTILITY CROSSINGS TO PHYSICALLY VERIFY WHETHER OR NOT CONFLICTS EXIST. LOCATIONS OF SAID UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON THE UNVERIFIED PUBLIC INFORMATION AND ARE SUBJECT TO VARIATION. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL CONSULT BARGHAUSEN CONSULTING ENGINEERS, INC. TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.

Prior to starting site work, request an erosion and sediment inspection through the CityView portal.

No proposed footings, posts, or supports shall be constructed on or above any existing public utility connections without first relocating the utility services or protecting it in place.

Refer to civil construction permit PRCCP20240183 for approved erosion and sedimentation control methods and stormwater management methods.

CALL BEFORE YOU DIG:
1-800-424-5555 OR "811"

APPROVED

BY: _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING
DATE: _____

NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.
THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.
FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE DEVELOPMENT ENGINEERING MANAGER.

PRRWF20241913

NORTH POND WALL ADDITION		CITY COMMENTS ON SOUTH YARD		SOUTH UTILITY YARD AND NORTH POND REVISIONS		Revision
KDM	CMV	KDM	CMV	KDM	CMV	
10	1/22/25					
9	12/3/24					
8	10/25/24					
No.	Date	By	Ckd.	Appr.		

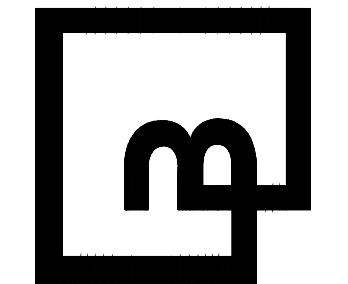
Title:
NORTH UTILITY YARD INFILTRATION POND

For: BENAROYA CAPITAL, LLC
CENTERIS DATA CENTERS
9675 SE 36TH ST, SUITE 115
MERCER ISLAND, WA 98040



Scale:	Horizontal 1" = 20'	Vertical 1" = 5'
Designed KDM	Drawn KDM	Checked CMV
Approved DKB	Approved DKB	Date 1/27/25

Barghausen Consulting Engineers, LLC.
18215 72nd Avenue South
Kent, WA 98032
425.251.6222
barghausen.com



Job Number
18111

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