



**ABBREVIATIONS**




SEE COS STD PLANS 002 SERIES FOR ADDITIONAL STD ABBREVIATIONS:

- A APPROX APPROXIMATE
- B
- C CFS CUBIC FEET PER SECOND
- COS CITY OF SEATTLE
- CF CUBIC FEET
- CY CUBIC YARD
- D
- E EX EXISTING
- F FOAC FRIENDS OF ARBORETUM CREEK
- G
- H
- I
- J
- K
- L
- M
- N
- O ORG ORGANICS
- P
- Q
- R
- S SF STD SQUARE FEET STANDARD
- T
- U
- V
- W WO WATER QUALITY
- WS WATER SURFACE
- X
- Y
- Z

**GENERAL NOTES**

UNLESS OTHERWISE NOTED:  
1.

**NON-COS STD LEGEND**

-  PROPOSED WATER SURFACE ELEVATION
-  PROPOSED BOTTOM OF SUB-SURFACE FACILITY
-  PROPOSED TOP OF CREEK BANK
-  PROPOSED PERFORATED COLLECTION PIPE
-  SUB-SURFACE WOODCHIP 1/2" TO 2" MINUS MEDIA
-  SUB-SURFACE WOODCHIP AND ORGANIC MEDIA
-  SUB-SURFACE GRAVEL MEDIA
-  ABOVE FACILITY WETLAND AREA
-  HYPORHEIC DISCHARGE ZONE
-  TREE REMOVAL

**SCHEMATIC DESIGN (NOT FOR CONSTRUCTION)**

NOTES, LEGEND AND ABBREVIATIONS



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DRAWN TW CHECKED AC	RECEIVED	RECEIVED AS BUILT
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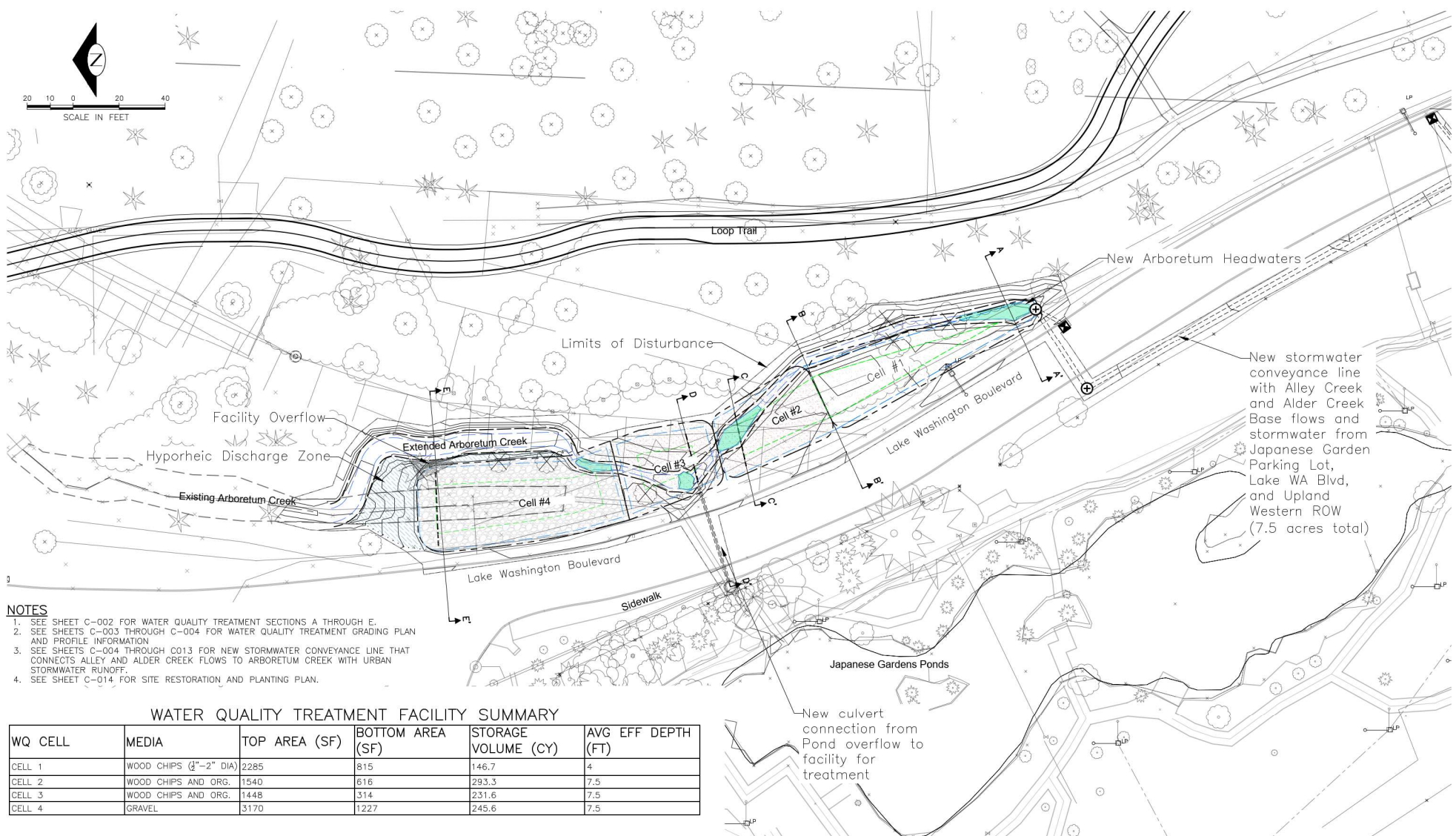
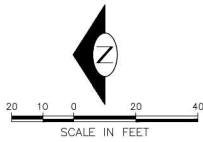
**ARBORETUM CREEK  
HEADWATERS PROJECT**

DES	PC
CD	
VPI #	
<b>G-002</b>	
SHEET	2 OF 19

DATE	MARK	REVISION

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 11/11/2019 10:22:12 AM  
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- NOTES**
1. SEE SHEET C-002 FOR WATER QUALITY TREATMENT SECTIONS A THROUGH E.
  2. SEE SHEETS C-003 THROUGH C-004 FOR WATER QUALITY TREATMENT GRADING PLAN AND PROFILE INFORMATION.
  3. SEE SHEETS C-004 THROUGH C-013 FOR NEW STORMWATER CONVEYANCE LINE THAT CONNECTS ALLEY AND ALDER CREEK FLOWS TO ARBORETUM CREEK WITH URBAN STORMWATER RUNOFF.
  4. SEE SHEET C-014 FOR SITE RESTORATION AND PLANTING PLAN.

**WATER QUALITY TREATMENT FACILITY SUMMARY**

WQ CELL	MEDIA	TOP AREA (SF)	BOTTOM AREA (SF)	STORAGE VOLUME (CY)	AVG EFF DEPTH (FT)
CELL 1	WOOD CHIPS (1"-2" DIA)	2285	815	146.7	4
CELL 2	WOOD CHIPS AND ORG.	1540	616	293.3	7.5
CELL 3	WOOD CHIPS AND ORG.	1448	514	231.6	7.5
CELL 4	GRAVEL	3170	1227	245.6	7.5

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	BY: . . . . . PURCHASING AND CONTRACTING DIRECTOR	ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-20.3 OF THE PROJECT MANUAL.		<b>ARBORETUM CREEK HEADWATERS PROJECT</b>	<b>C-001</b>	SHEET 3 OF 19

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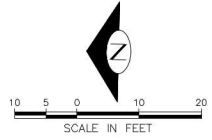
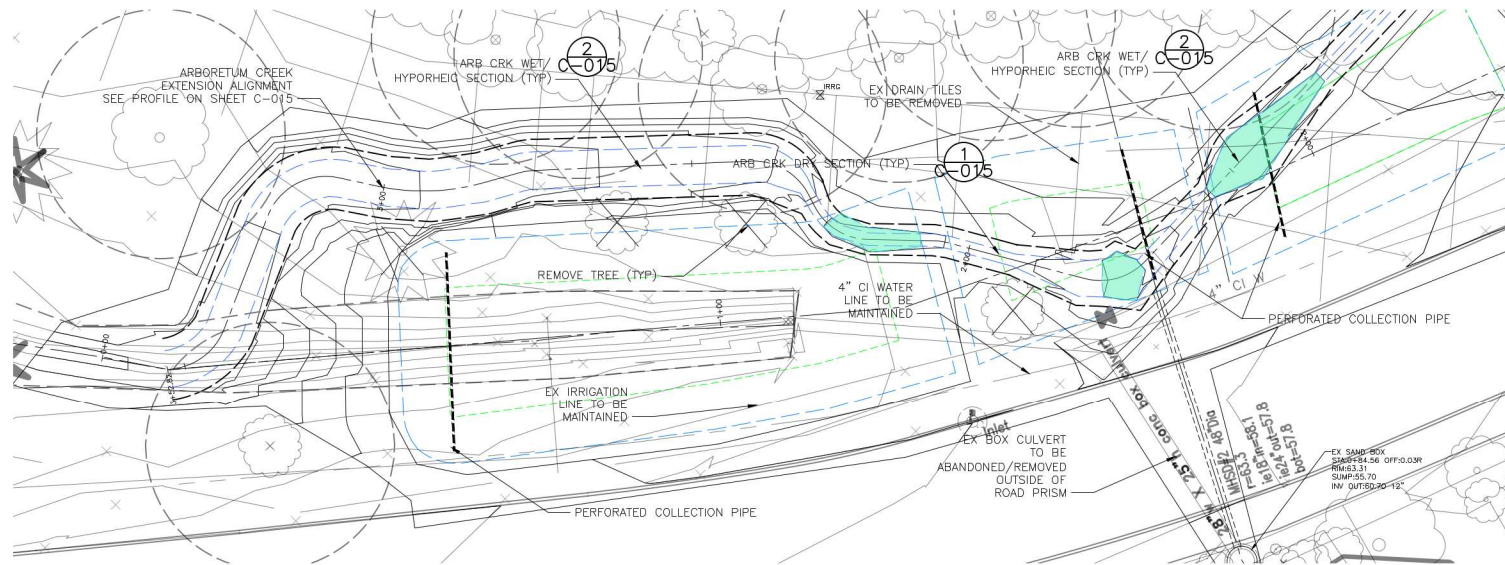
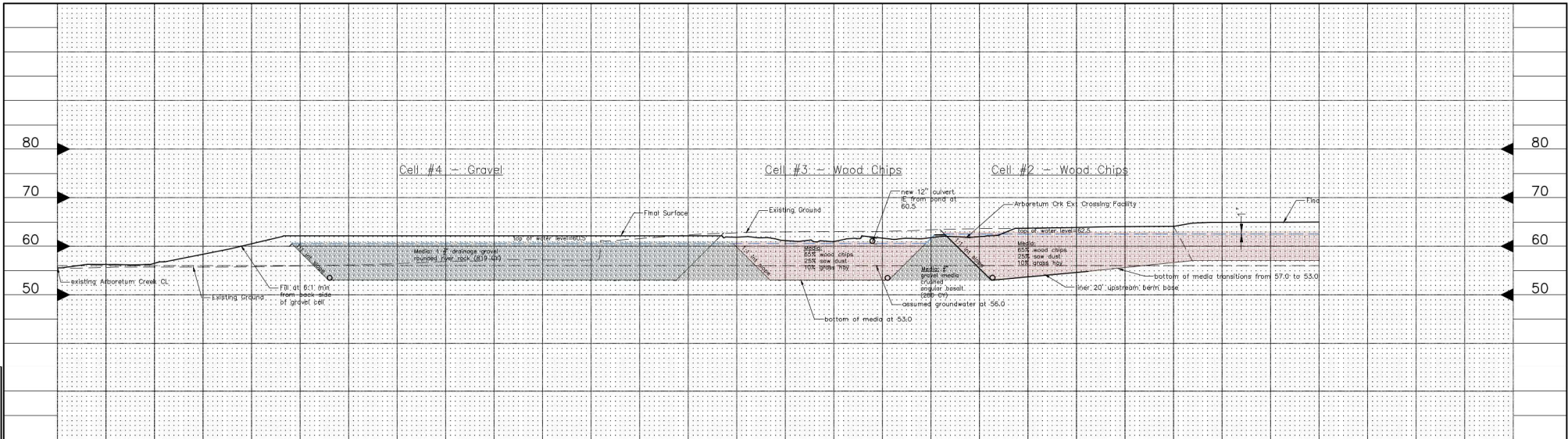
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**WATER QUALITY FACILITY PLAN AND PROFILE**

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**ARBORETUM CREEK HEADWATERS PROJECT**

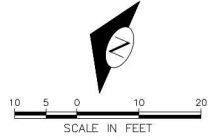
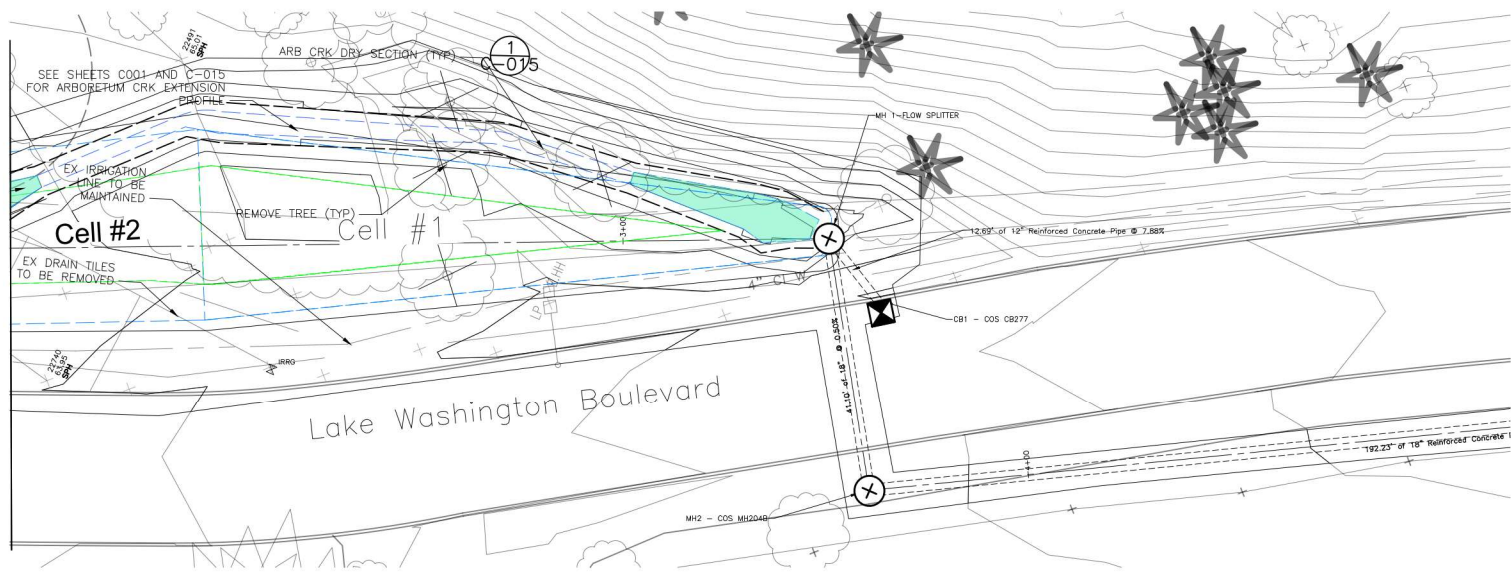
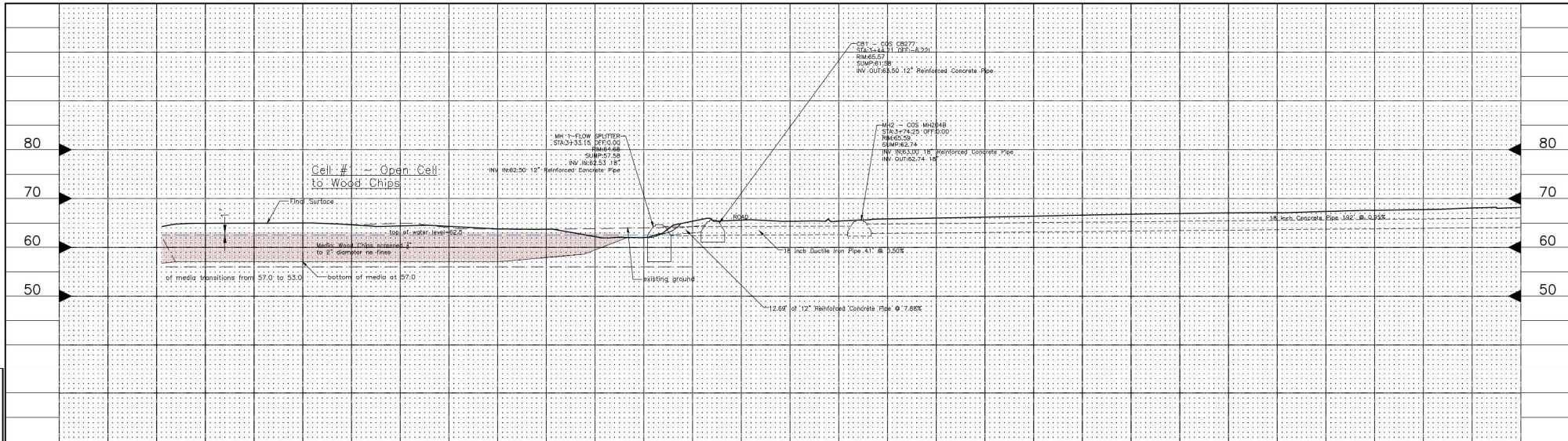
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DC	CO
VPI #	
<b>C-003</b>	
SHEET	5 OF 19

DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE

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**WATER QUALITY FACILITY PLAN AND PROFILE**



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 SEATTLE, WASHINGTON . . . . . 20 . . .

INITIALS AND DATE  
 DESIGNED AA  
 CHECKED AC

INITIALS AND DATE  
 REVIEWED:  
 DES. SDMT  
 CONST. PRDL MGR.

DRAWN TW  
 CHECKED AC

RECEIVED AS BUILT

BY: . . . . .  
 PURCHASING AND CONTRACTING DIRECTOR

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**ARBORETUM CREEK  
 HEADWATERS PROJECT**

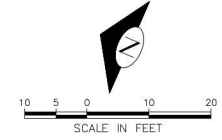
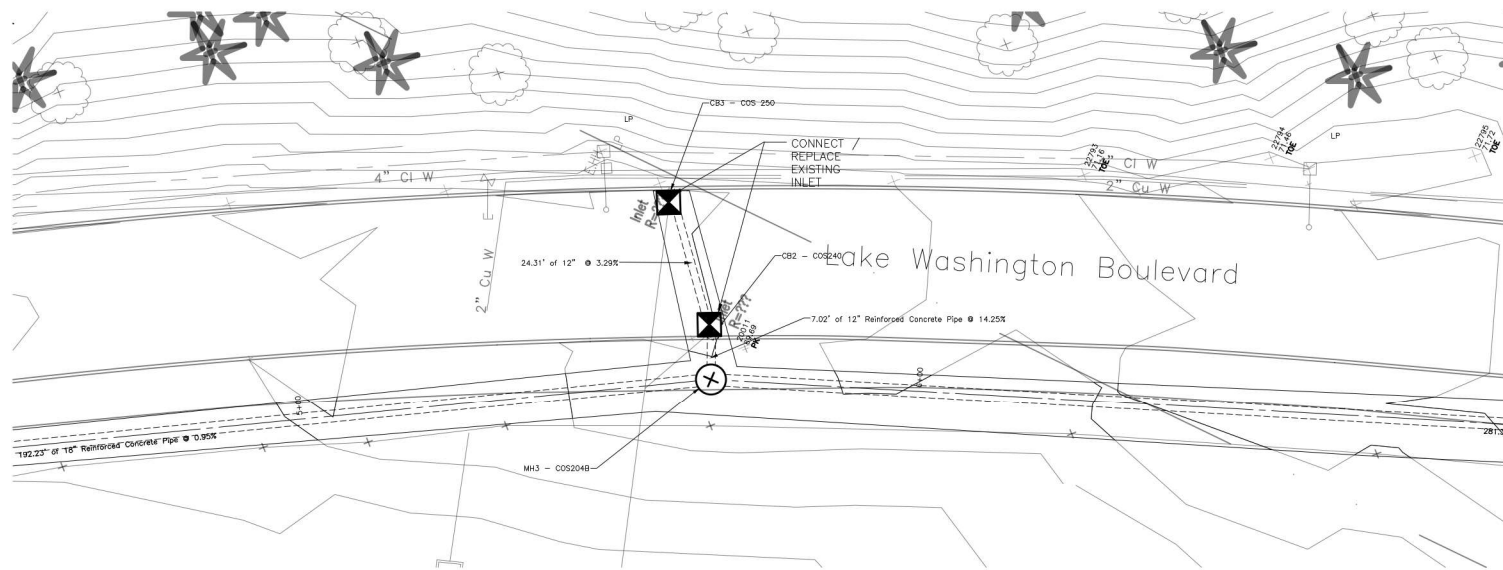
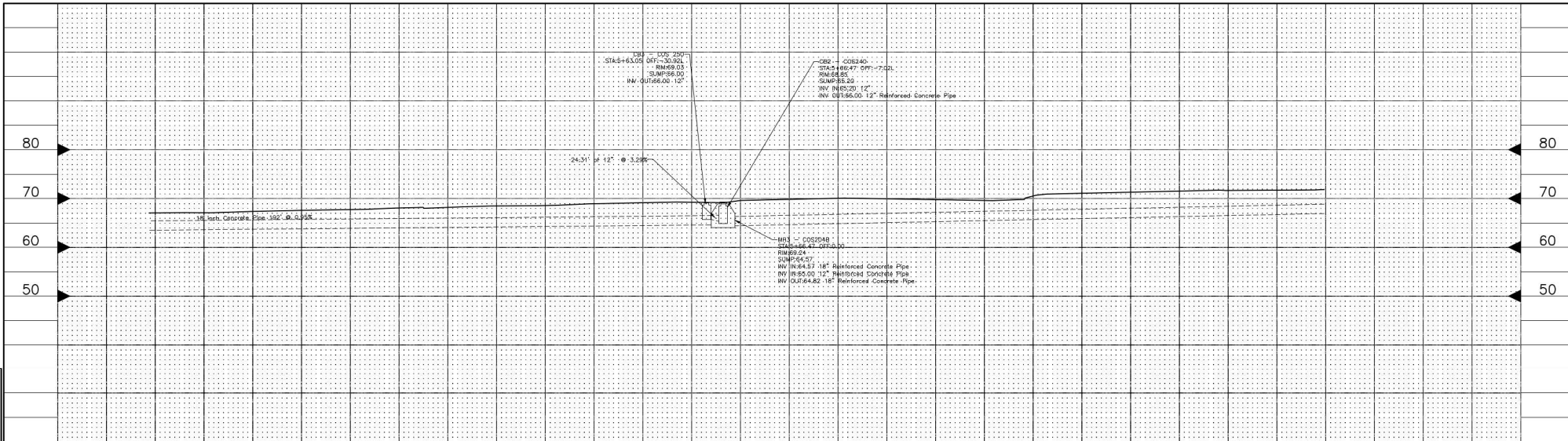
DCI #	PC
VP #	CO
	<b>C-004</b>
SHEET	6 OF 19

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DATE	MARK	MADE	BY	REVISION

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**CONVEYANCE PLAN AND PROFILE**

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INITIALS AND DATE  
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 CHECKED AC  
 BY: . . . . .  
 PURCHASING AND CONTRACTING DIRECTOR

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**Seattle Public Utilities**  
 ORDINANCE NO. . . . . PW NO. . . . .  
 SCALE: 1"=10'

**ARBORETUM CREEK HEADWATERS PROJECT**  
 C-005  
 SHEET 7 OF 19

DATE	PC
CO	
VPI #	
C-005	
SHEET 7 OF 19	

DATE	MARK	REVISION

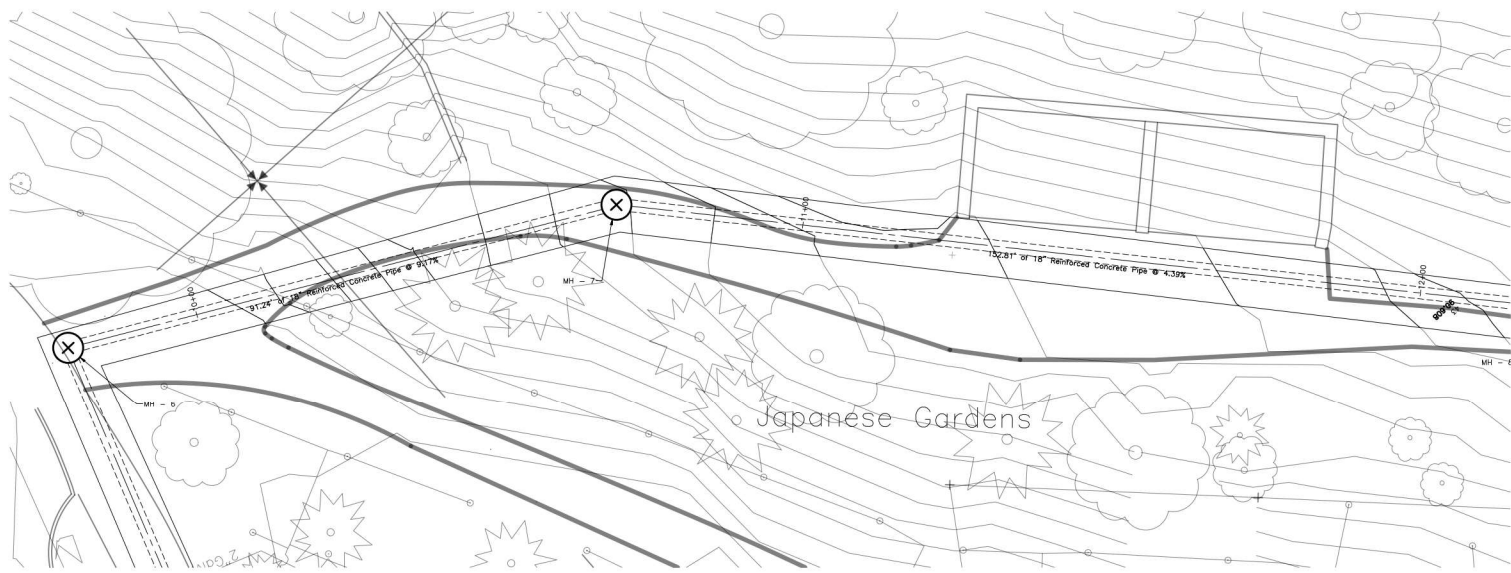
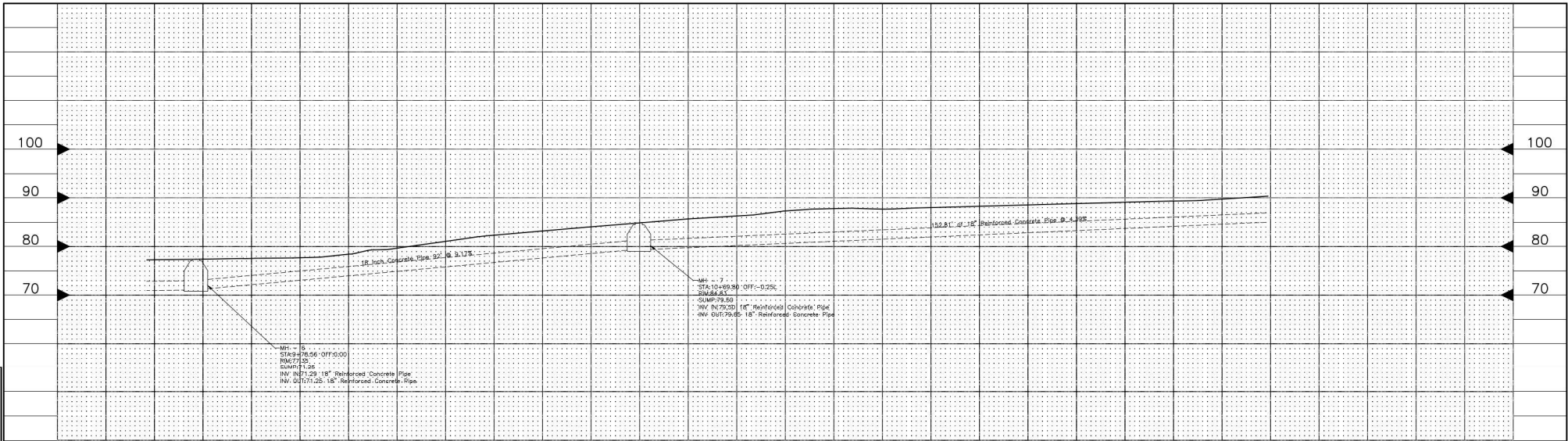
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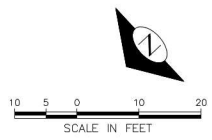
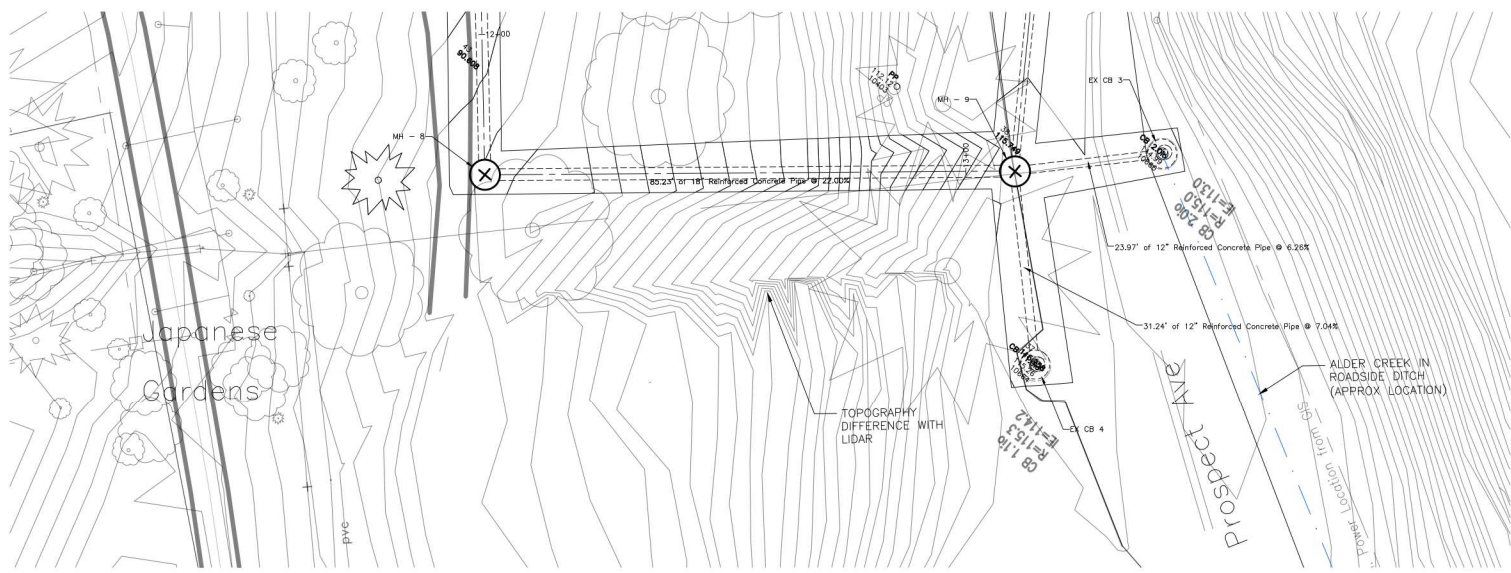
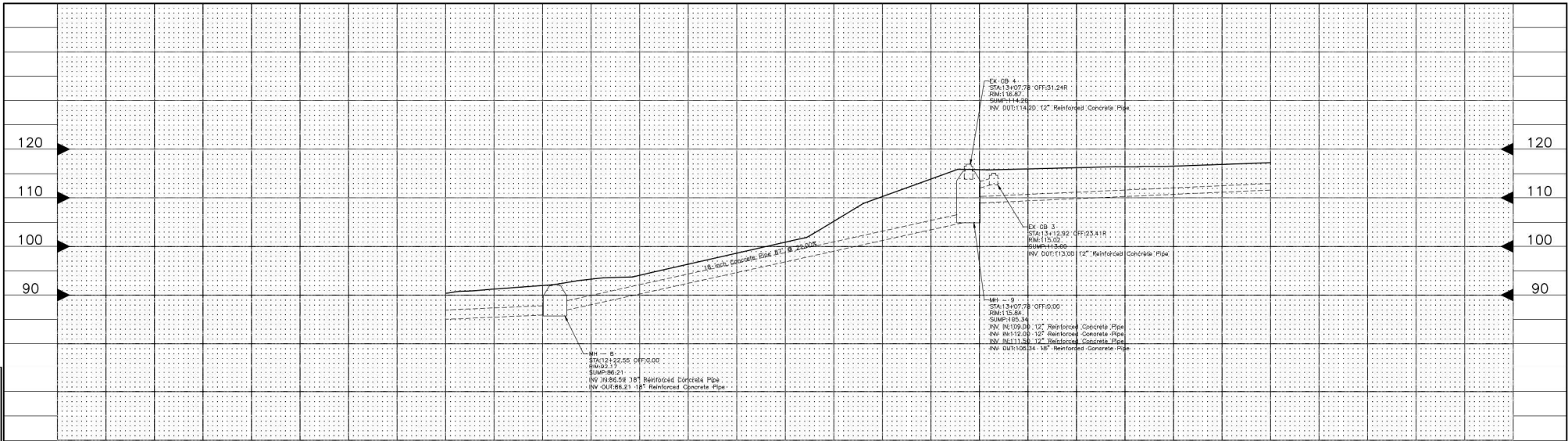
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	DATE	PC												
VPI #	CO													
C-008														
SHEET 10 OF 19														
BY: . . . . . PURCHASING AND CONTRACTING DIRECTOR		ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-20.3 OF THE PROJECT MANUAL.												

DATE	DRAWN	CHECKED	APPROVED	SCALE	SHEET NO.	TOTAL SHEETS

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**CONVEYANCE PLAN AND PROFILE**



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**ARBORETUM CREEK  
HEADWATERS PROJECT**

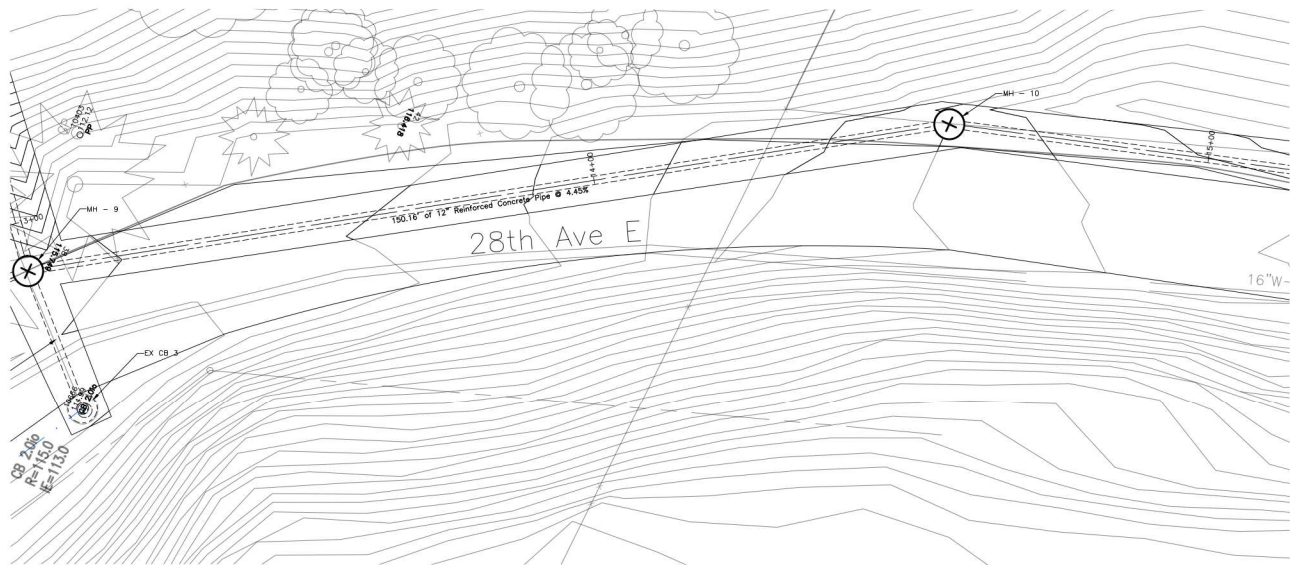
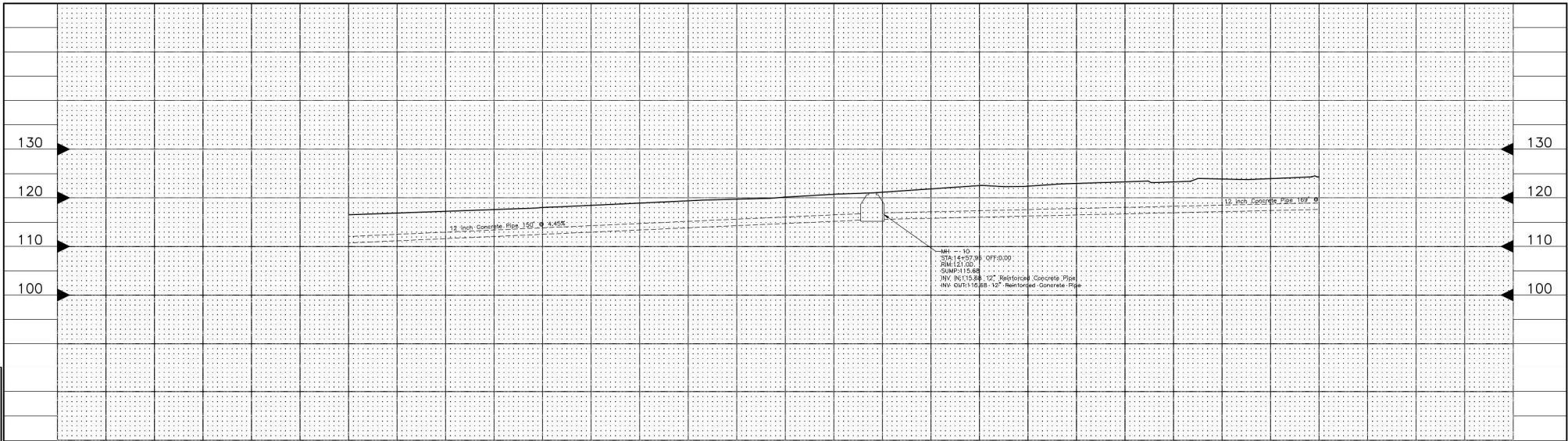
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CO	
VPI #	<b>C-009</b>
SHEET	<b>11 OF 19</b>

AWALT	SEB	DATE	MARK	NATURE	REVISIONS

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**CONVEYANCE PLAN AND PROFILE**



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**ARBORETUM CREEK  
 HEADWATERS PROJECT**

PC	CO
VPI #	<b>C-010</b>
SHEET	<b>12 OF 19</b>

NO.	DATE	BY	REVISION

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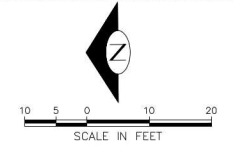
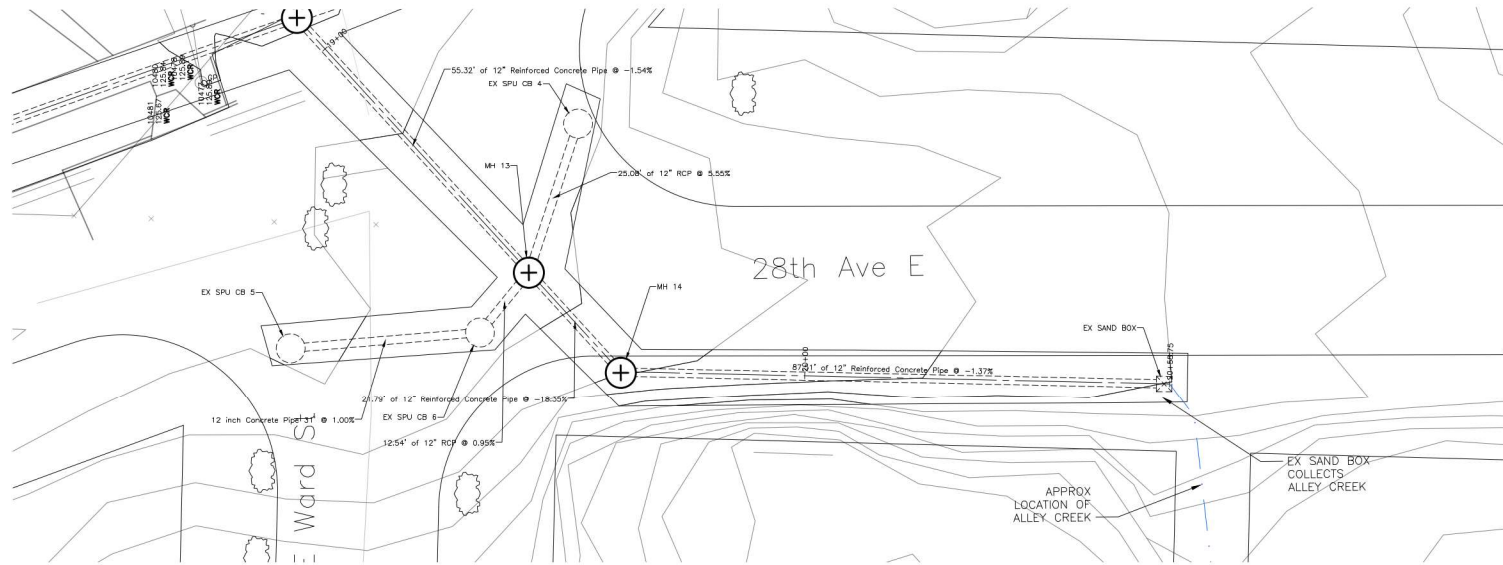
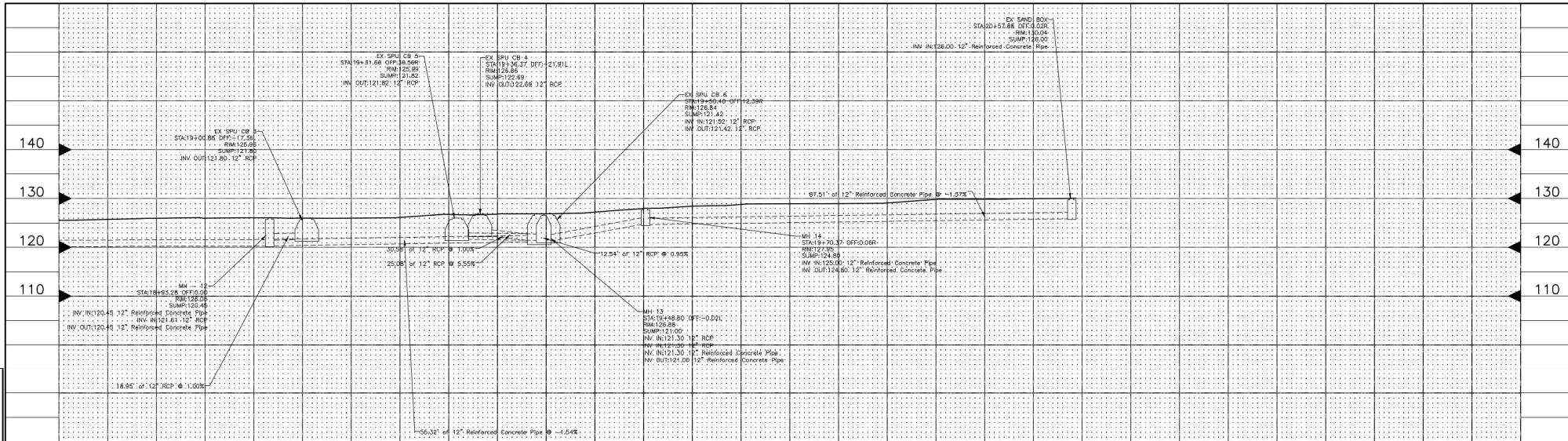
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**CONVEYANCE PLAN AND PROFILE**



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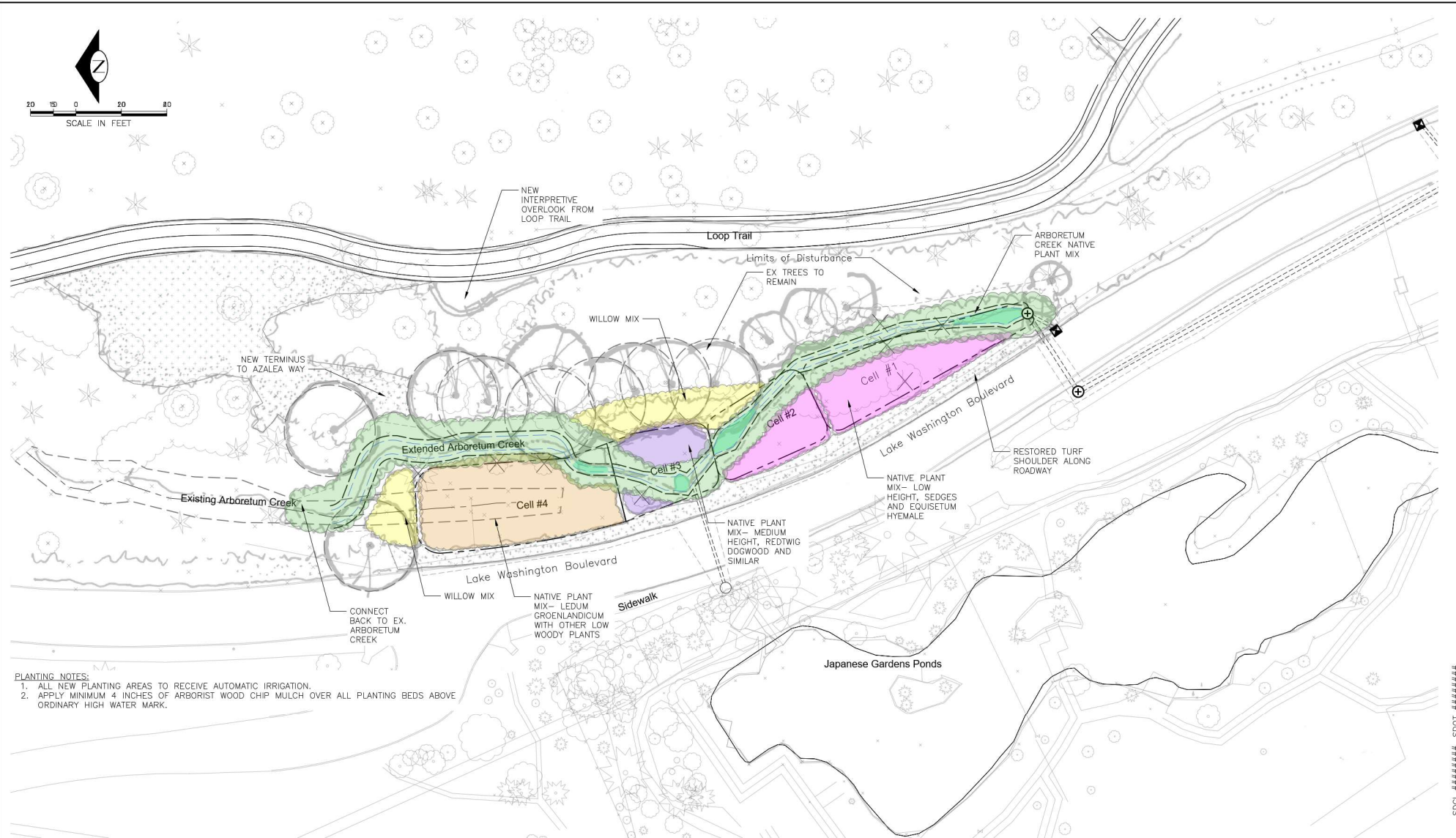
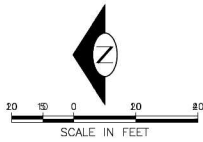
**ARBORETUM CREEK  
HEADWATERS PROJECT**

DC	PC
CO	CO
VPI #	C-013
SHEET	15 OF 19

AWALT	SEBURN	DATE	MARK	REVISIONS

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- PLANTING NOTES:**
1. ALL NEW PLANTING AREAS TO RECEIVE AUTOMATIC IRRIGATION.
  2. APPLY MINIMUM 4 INCHES OF ARBORIST WOOD CHIP MULCH OVER ALL PLANTING BEDS ABOVE ORDINARY HIGH WATER MARK.

**SCHEMATIC DESIGN (NOT FOR CONSTRUCTION)**

**SITE RESTORATION AND PLANTING PLAN**



1927 Post Alley, Ste. 2  
Seattle, WA 98101  
206 325 6877  
bergerpartnership.com

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CHECKED AC

INITIALS AND DATE  
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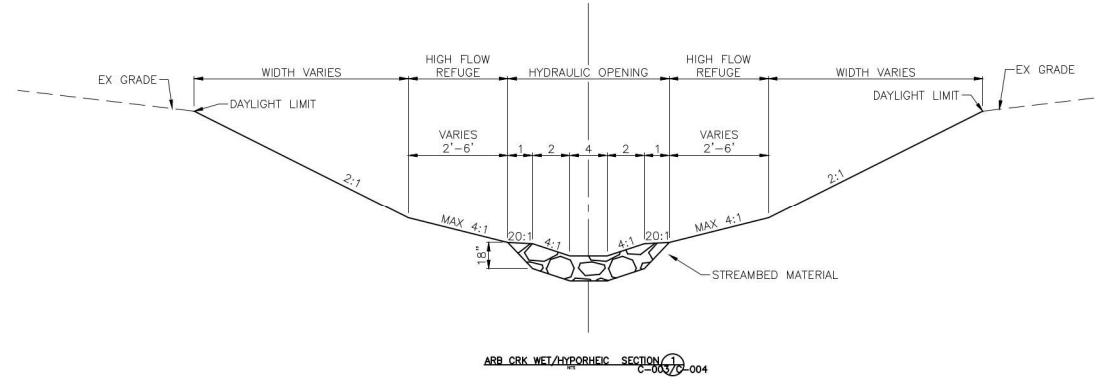
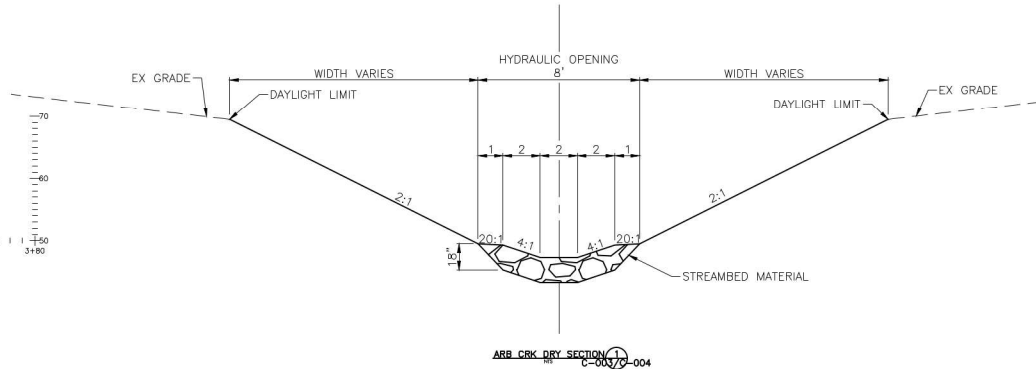
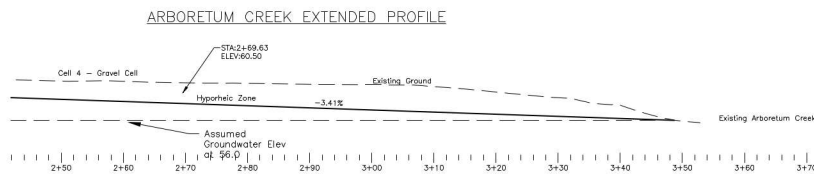
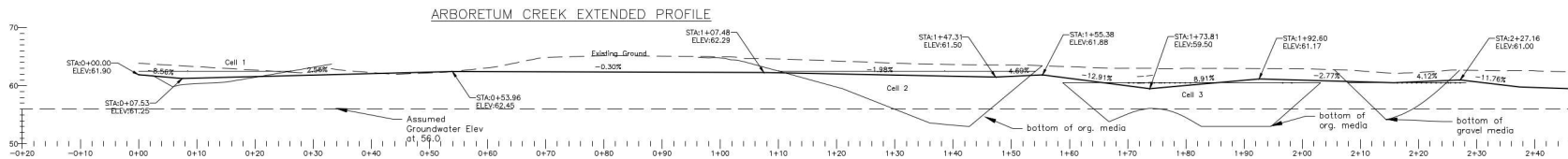
**ARBORETUM CREEK  
HEADWATERS PROJECT**

DATE: PC  
CO  
VPI #  
**C-014**  
SHEET 16 OF 19

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DATE: 12/22/2017  
TIME: 10:47:47 AM





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**ARBORETUM CREEK HEADWATERS PROJECT**

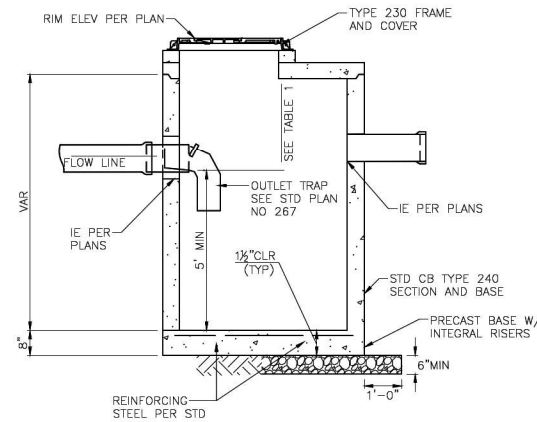
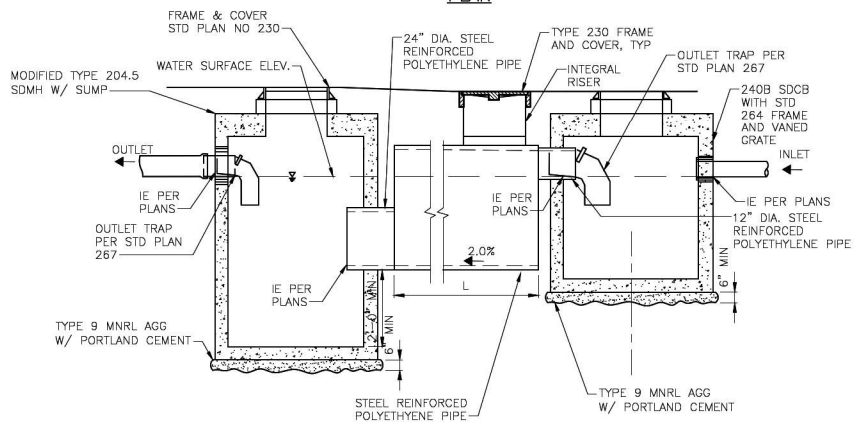
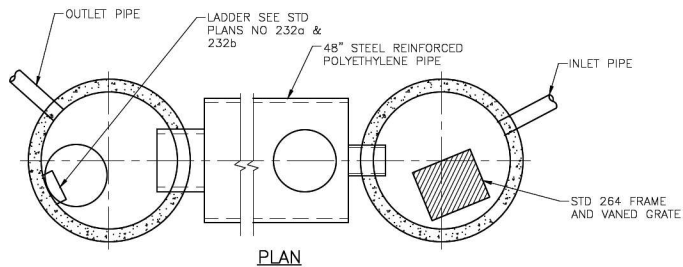
**ARBORETUM CREEK EXTENSION PROFILE AND SECTIONS**

PC	
CO	
VPI #	
<b>C-015</b>	
SHEET	17 OF 19

DATE	DATE	DATE	DATE
MADE	MADE	MADE	MADE
REVISED	REVISED	REVISED	REVISED

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 12/22/2017 10:24:00 AM  
 LIZ ALZEER

SDCI ##### SDOIT #####



6"ø	8" MIN 1'-4" MAX
8"ø	10" MIN 1'-4" MAX
12"ø	1'-3" MIN 2'-0" MAX

NOTES:  
1. BEDDING FOR PIPE MUST BE CLASS B. FLEXIBLE PIPE MUST BE BEDDED IN MINERAL AGGREGATE TYPE 22.

SHEET	LENGTH (L)
C-007	52 Ft

NOTES:  
1. BEDDING FOR PIPE MUST BE CLASS B. FLEXIBLE PIPE MUST BE BEDDED IN MINERAL AGGREGATE TYPE 22.

PRESETTLING PIPE 1  
NTS C-007

PRESETTLING CATCH BASIN WITH EXTRA SUMP 2  
NTS VAR

SCHEMATIC DESIGN (NOT FOR CONSTRUCTION)

Jacobs

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ARBORETUM CREEK  
HEADWATERS PROJECT

DETAILS

PC	
CO	
VPI #	
C-016	
SHEET 18 OF 19	

SDCI: #####. SDOIT: #####



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NO.	DATE	BY	REVISION

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INITIALS AND DATE  
 DESIGNED AA  
 CHECKED AC  
 DRAWN TW  
 CHECKED AC

INITIALS AND DATE  
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 DES. SDMT  
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 RECEIVED  
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BY: . . . . . PURCHASING AND CONTRACTING DIRECTOR  
 ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-20.3 OF THE PROJECT MANUAL.



**TREE IMPACTS TABLE – INCLUDED IN 60% DESIGN**

**ARBORETUM CREEK  
 HEADWATERS PROJECT**

DATE	PC
	CO
VPI #	C-017
SHEET	19 OF 19

SDCI #####. SDOT #####