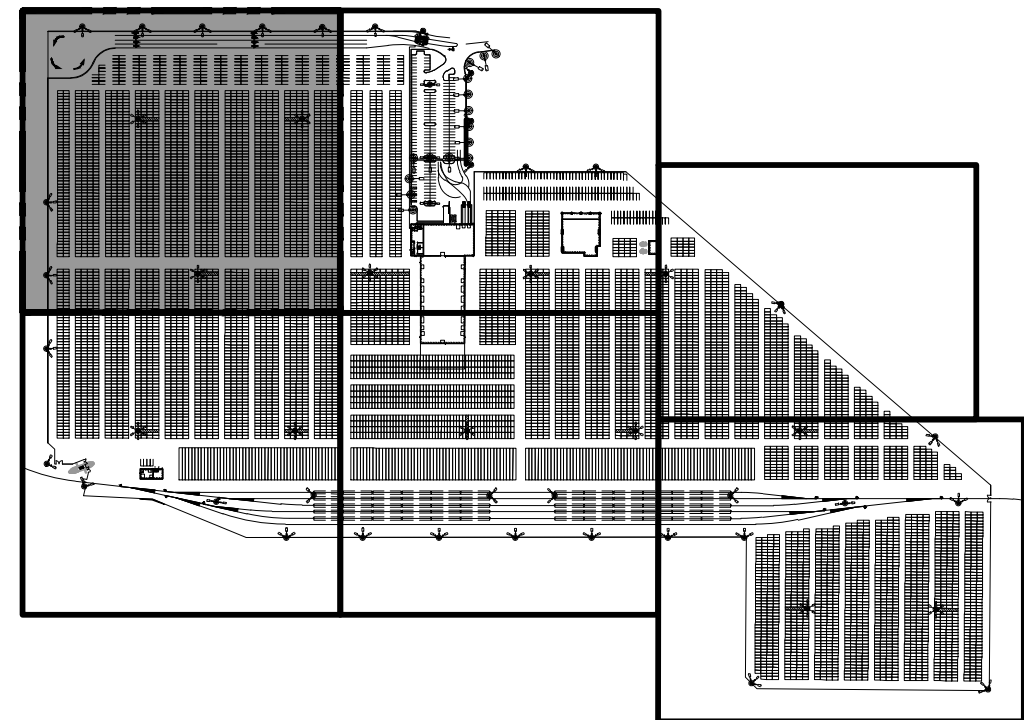




A horizontal scale bar labeled "SCALE IN FEET" at the bottom. The bar has four equal segments, each 37.5 feet long. The segments are colored in an alternating pattern: white, black, white, and black from left to right. Numerical markings are placed above the bar at 0, 50, 100, and 150 feet.



KEY PLAN

NTS

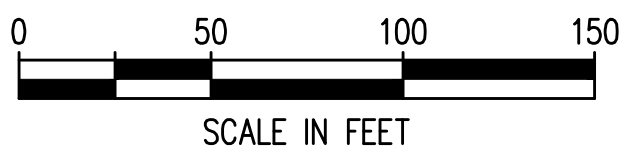
GENERAL NOTES

1. FOR PLANT SCHEDULE NOTES AND DETAILS, SEE SHEET L1.11.

L1.0		PARCEL 77 AUTO IMPORT TERMINAL				APPROVED:		RJJ		05/09/2018		 05/09/18	 SITTS & HILL ENGINEERS, INC. CIVIL • STRUCTURAL • SURVEYING 4814 CENTER STREET TACOMA, WA, 98409 PHONE: (253) 472-9459 FAX: (253) 474-6153 http://www.sittshill.com/	MARK:	REVISION:	BY:	DATE:
LANDSCAPE PLAN				RJJ		05/09/2018											
AREA 1		DIRECTOR ENC. DATE		PROJ. ENGR DATE													
TOWNSHIP: 21N		RANGE: 3E		SECTION: 36													
M. ID: 201020.01		DAT-HRZ: W83-SF		VERT: PORT OF TACOMA BM#													
PHASE:	BID SET	MULTIPLE	DRAWING SCALE:		AS SHOWN		TACOMA WA, 98401-1837										

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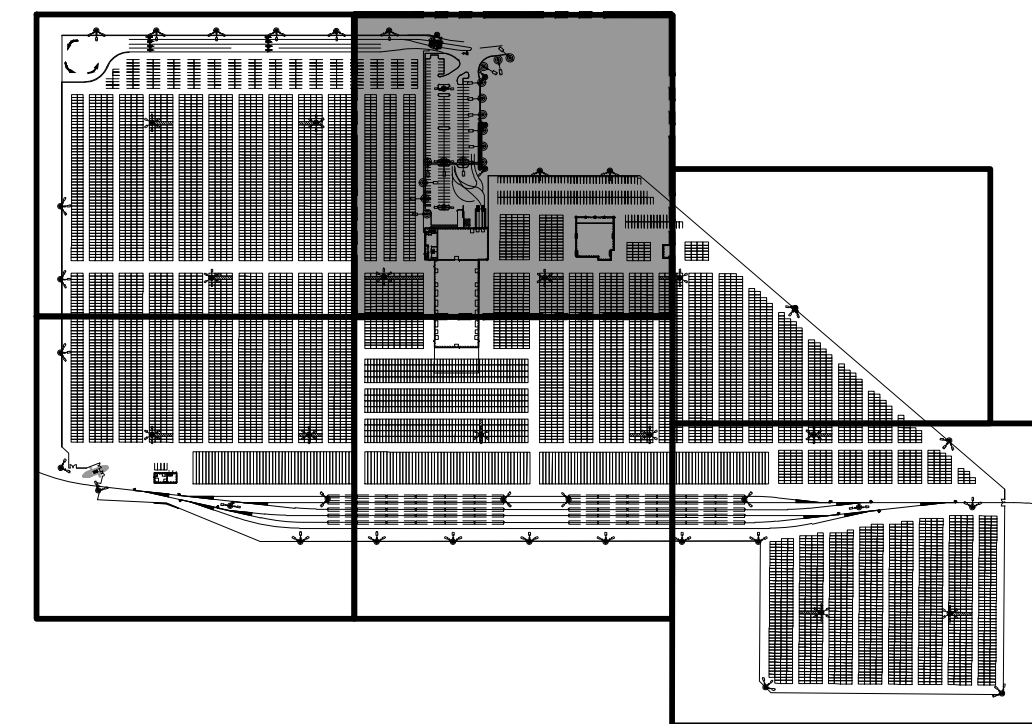
MATCH LINE SEE SHEET L1.4



 EROSION CONTROL GRASS

1. FOR PLANT SCHEDULE NOTES AND DETAILS, SEE SHEET L1.11.

① 12" WIDE CONCRETE MOWSTRIP. SEE 02/L1.11.



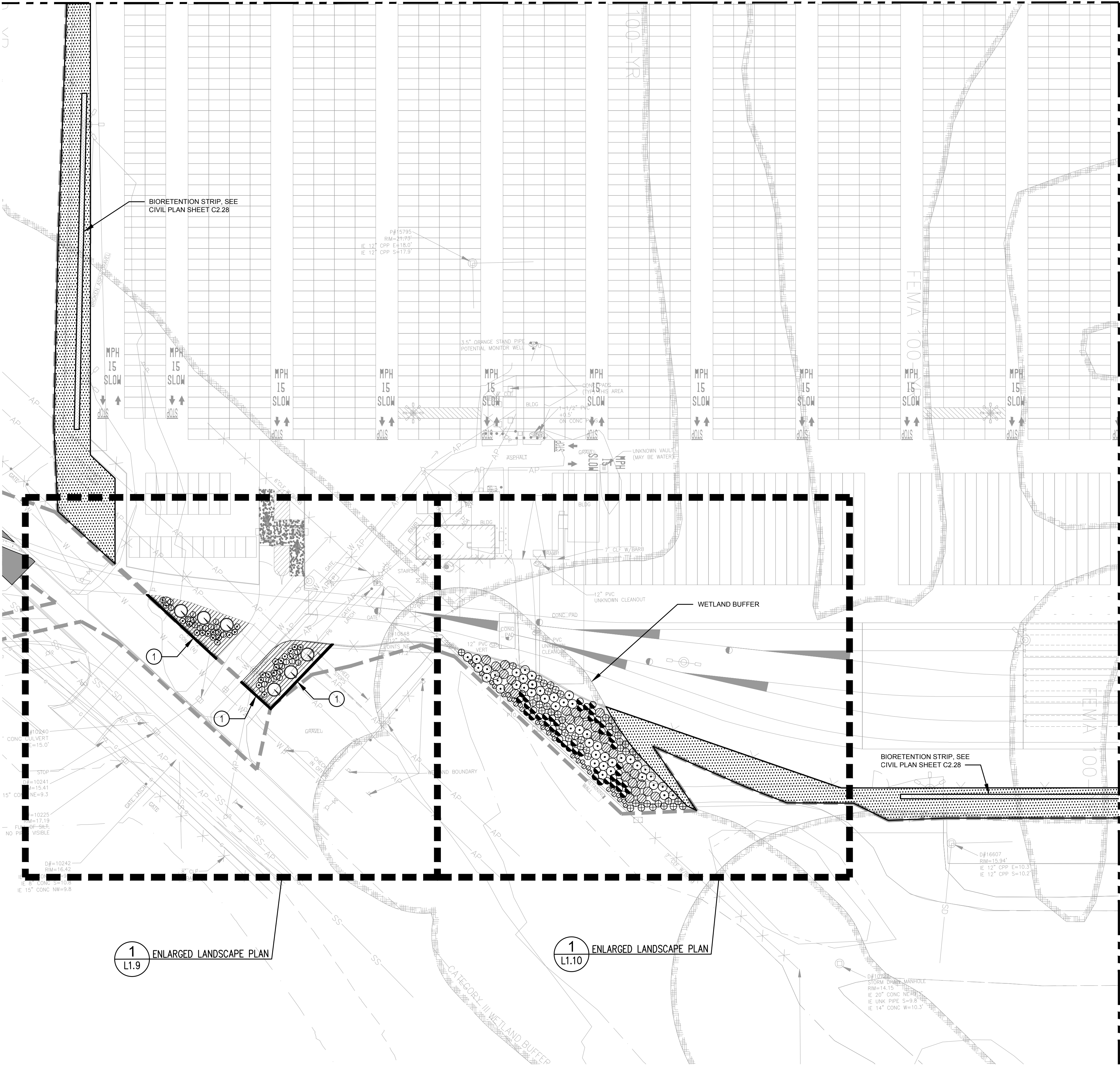
KEY PLAN

NTS

L1.1 145 OF 163	PARCEL 77 AUTO IMPORT TERMINAL				APPROVED:		RJJ05/09/2018		 05/09/18	SITTS & HILL ENGINEERS, INC. CIVIL • STRUCTURAL • SURVEYING 4818 CENTER STREET TACOMA, WA. 98409 PHONE: (253) 474-9449 FAX: (253) 474-6153 http://www.sittsbill.com/	
	LANDSCAPE PLAN						RJJ05/09/2018				
	AREA 2				DIRECTOR ENG. DATE		PROJ. ENGR DATE				
	TOWNSHIP: 21N				RANGE: 3E		SECTION: 36				
	CONTRACT/CONS: 2010220.01				DATE-HRZ: W83-SF		VERT: PORT OF TACOMA BM#				
	M. ID: 2010220.01				DATE-HRZ: W83-SF		VERT: PORT OF TACOMA BM#				
PHASE: BID SET		PARCEL: MULTIPLE		DRAWING SCALE: AS SHOWN		TACOMA WA. 98401-1837		MARK:REVISION:BY:DATE:			

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MATCH LINE SEE SHEET L1.0



MATCH LINE SEE SHEET L1.3

LEGEND

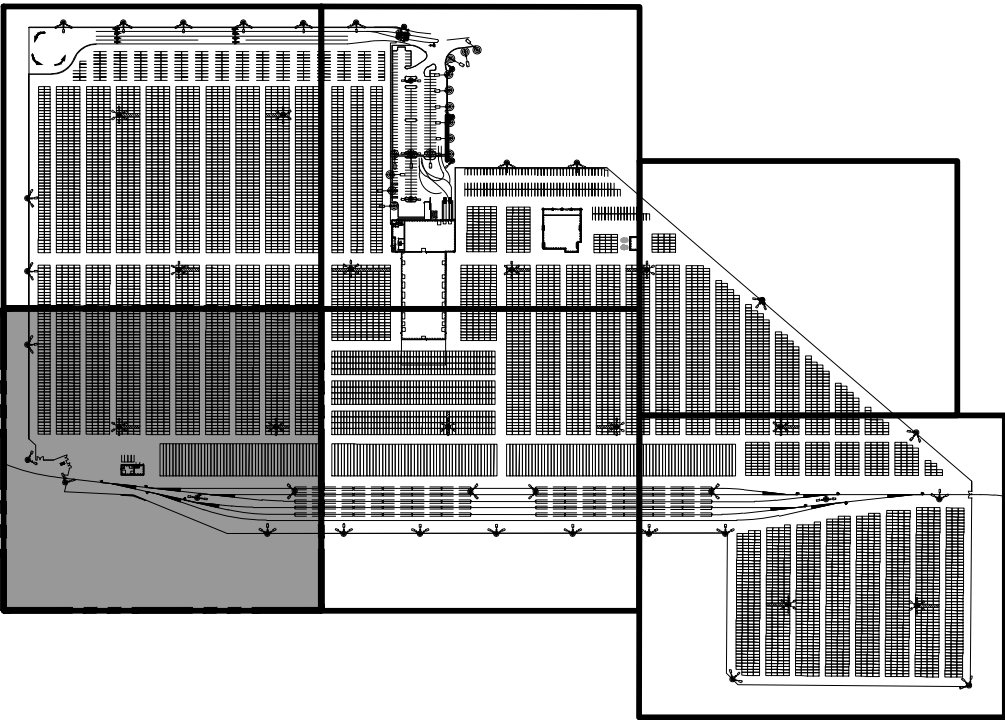
EROSION CONTROL GRASS

GENERAL NOTES

1. FOR PLANT SCHEDULE NOTES AND DETAILS, SEE SHEET L1.11.

SITE CONSTRUCTION NOTES

- ① 12" WIDE CONCRETE MOWSTRIP. SEE 02/L1.11.



KEY PLAN
NTS



L1.2 146 OF 163	PARCEL 77 AUTO IMPORT TERMINAL				APPROVED:		RJJ	05/09/2018			
	LANDSCAPE PLAN AREA 3				CHECKED BY:		RJJ	05/09/2018			
	TOWNSHIP: 21N RANGE: 3E SECTION: 36				DIRECTOR ENG. DATE:		PROJ. ENGR	DATE			
	DATE-HRZ: 201020.01 DAT-HRZ: W83-SF				PRINTED BY:		krischerk	May 09, 2018			
PHASE:		BID SET		PARCEL:		MULTIPLE		DRAWING SCALE:		AS SHOWN	
PORT ADDRESS: ONE SITCUM PLAZA TACOMA WA 98401-1837											
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http://www.sitts-hill.com

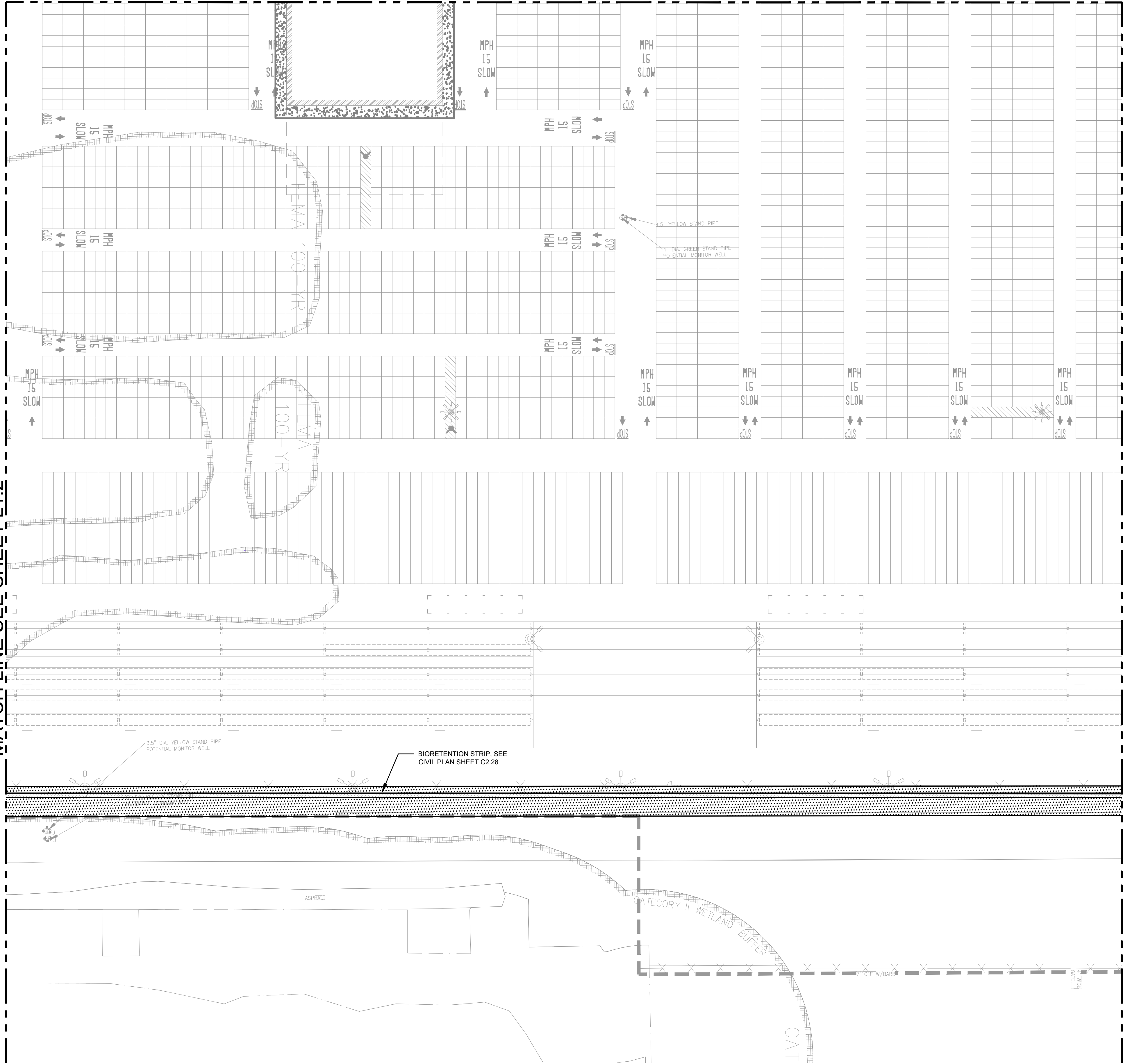
Port of Tacoma
P.O. BOX 1837 TACOMA, WA 98401 (253) 383-5841

DATE:
APPR:
BY:
REVISION:
MARK:

MATCH LINE SEE SHEET L1.2

MATCH LINE SEE SHEET L1.1

MATCH LINE SEE SHEET L1.4 & 1.5

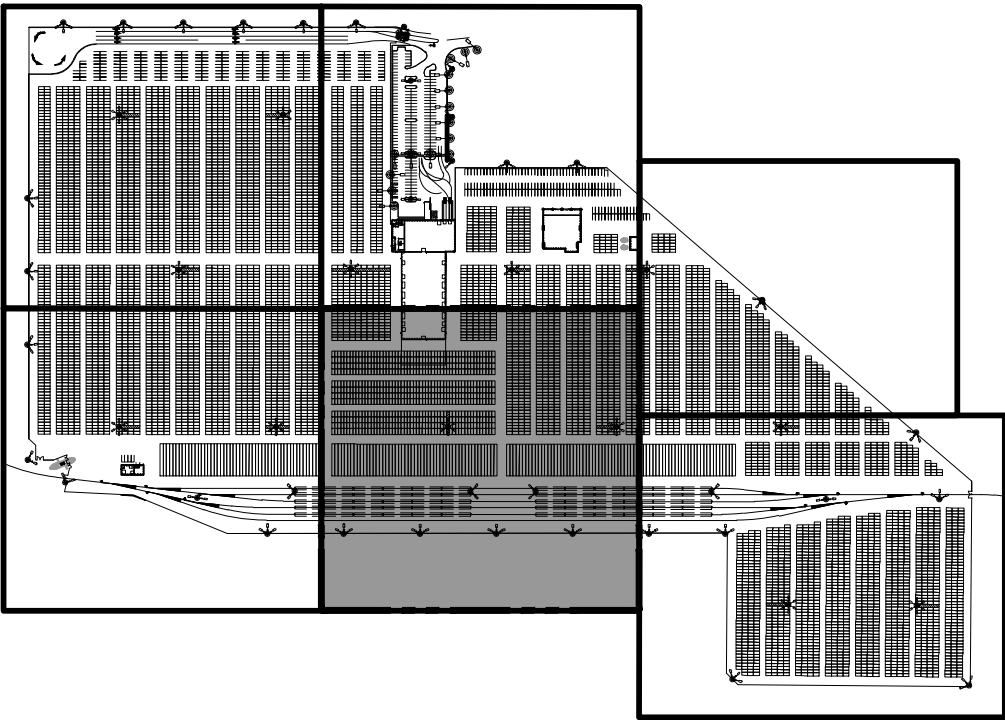


LEGEND

EROSION CONTROL GRASS

GENERAL NOTES

1. FOR PLANT SCHEDULE NOTES AND DETAILS, SEE SHEET L1.11.



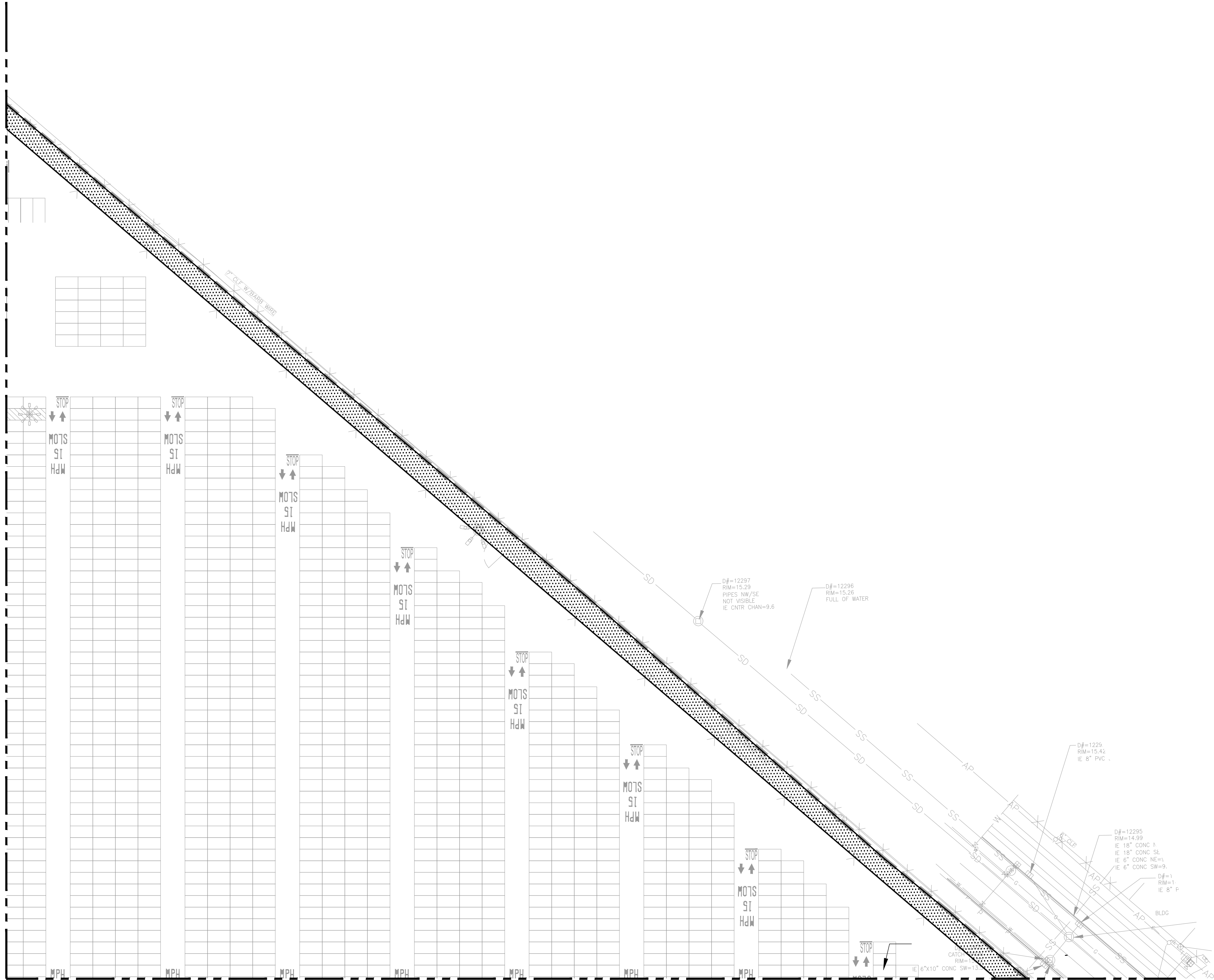
KEY PLAN
NTS

L1.3 147 OF 163	PARCEL 77 AUTO IMPORT TERMINAL				APPROVED:		RJJ	05/09/2018	SITTS & HILL ENGINEERS, INC.		Port of Tacoma	
	LANDSCAPE PLAN AREA 4				CHECKED BY		RJJ	05/09/2018	CIVIL • STRUCTURAL • SURVEYING		P.O. BOX 1837 TACOMA, WA 98401 (253)383-5841	
	TOWNSHIP: 21N	RANGE: 3E	SECTION: 36		DIRECTOR ENG. DATE		PROJ. ENGR	DATE	4815 CENTER STREET		TACOMA, WA 98409	
	DAT-HRZ: W83-SF	VERT: PORT OF TACOMA BM#			PRINTED BY: krishchek		May 09, 2018		PHONE: (253) 383-5841		http://www.sitshill.com/	
CON/CONS: 070770					PORT ADDRESS: ONE SITCUM PLAZA				MARK:		REVISION:	
M. ID: 201020.01					DRAWING SCALE: AS SHOWN				BY:		APPR:	
PHASE: BID SET					TACOMA WA 98401-1837				DATE:			

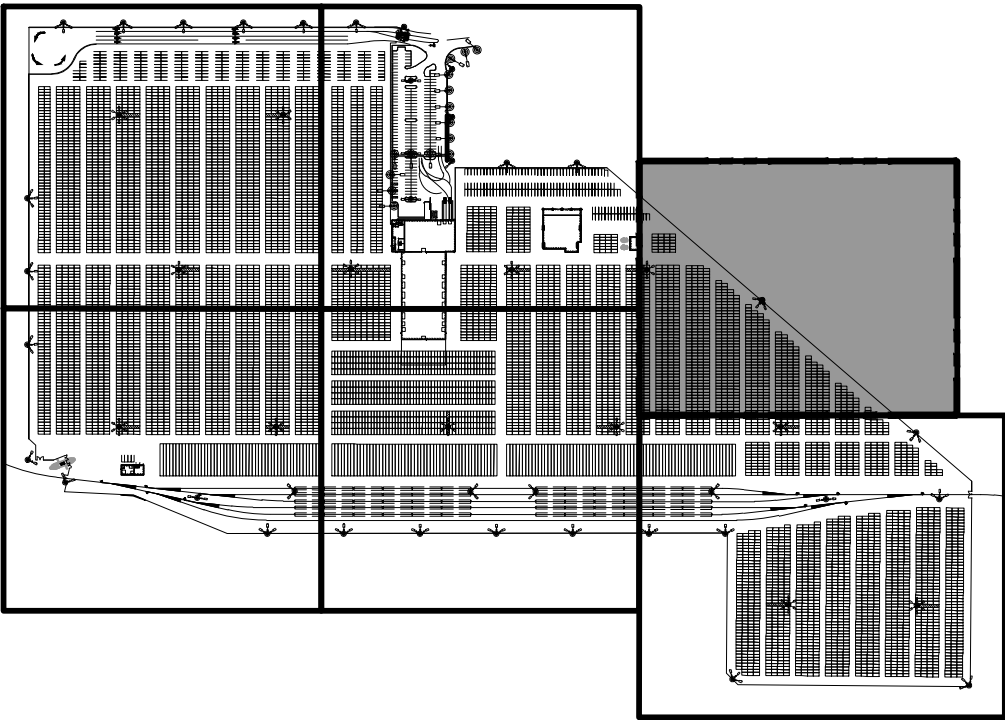
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MATCH LINE SEE SHEET L1.1

MATCH LINE SEE SHEET L1.5



N



KEY PLAN
NTS

LEGEND

EROSION CONTROL GRASS

GENERAL NOTES

1. FOR PLANT SCHEDULE NOTES AND DETAILS, SEE SHEET L1.11.

L1.4 148 OF 163	PARCEL 77 AUTO IMPORT TERMINAL				APPROVED:		RJJ	05/09/2018	
	LANDSCAPE PLAN AREA 5				CHECKED BY	DATE	RJJ	05/09/2018	
					DIRECTOR ENG. DATE	PROJ. ENGR	DATE		
					PRINTED BY: krishchek	May 09, 2018			
CONT/CONS: 070770				TOWNSHIP: 21N	RANGE: 3E	SECTION: 36			
M. ID: 201020.01				DAT-HRZ: W83-SF		VERT: PORT OF TACOMA BM#			
PHASE: BID SET				PARCEL: MULTIPLE		DRAWING SCALE: AS SHOWN			
PORT OF TACOMA				SITTS & HILL ENGINEERS, INC.				Port of Tacoma P.O. BOX 1837 TACOMA, WA 98401 (206)385-5841	
CIVIL • STRUCTURAL • SURVEYING				TACOMA, WA 98409				BY: DATE:	
PHONE: (206) 744-4755				http://www.sitthill.com/				APPR: DATE:	
MARK:				REVISION:					

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MATCH LINE SEE SHEET L1.3

MATCH LINE SEE SHEET L1.4

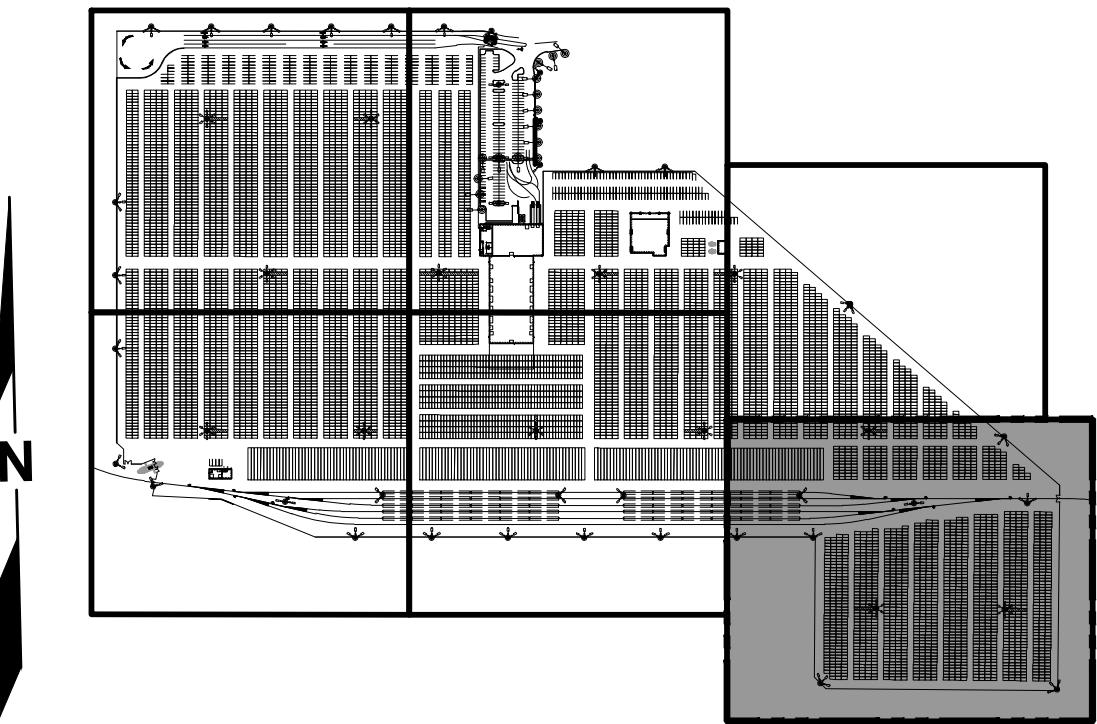


LEGEND

EROSION CONTROL GRASS

GENERAL NOTES

- FOR PLANT SCHEDULE NOTES AND DETAILS, SEE SHEET L1.11.

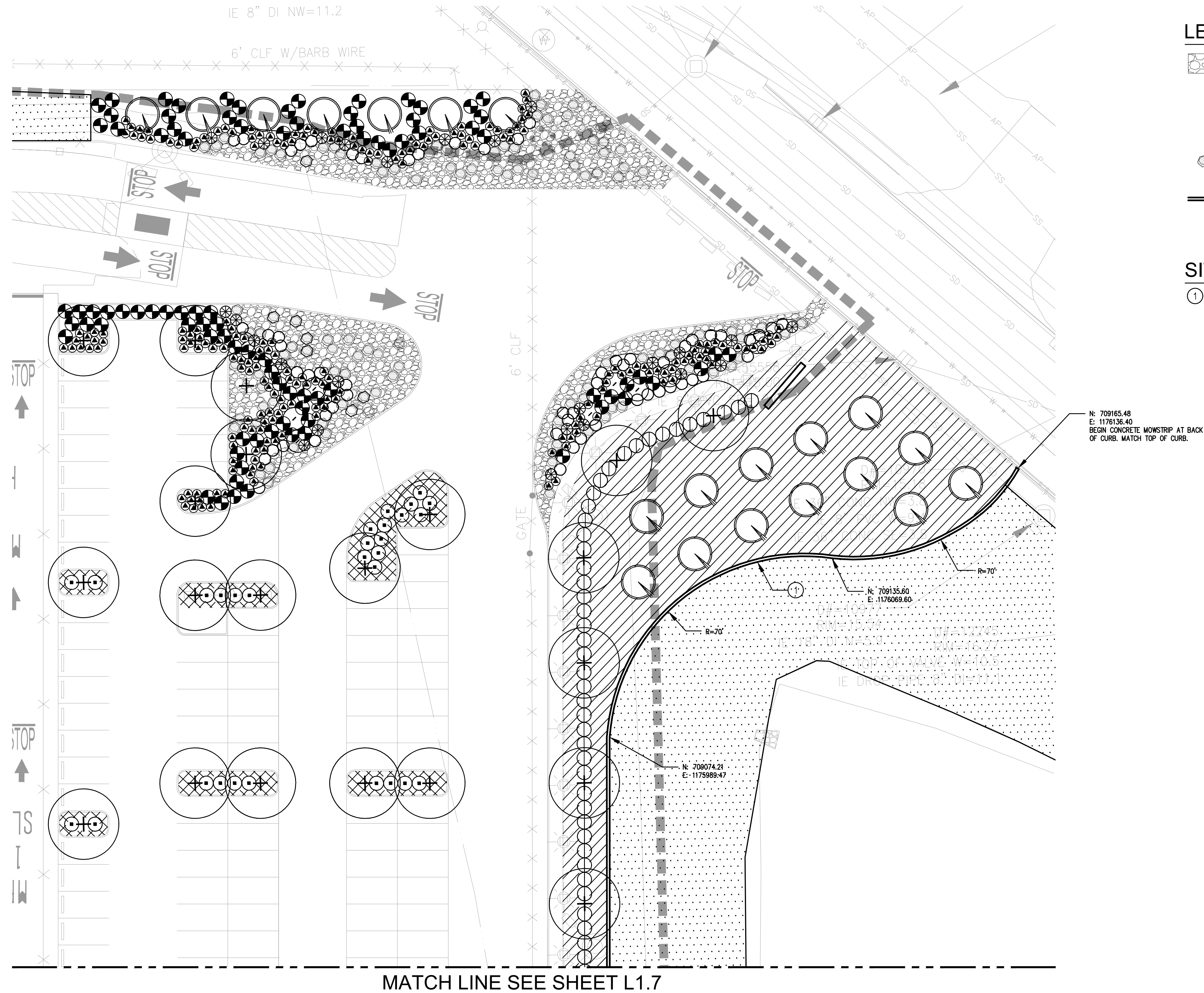


KEY PLAN
NTS



L1.5 149 OF 163	PARCEL 77 AUTO IMPORT TERMINAL				APPROVED:		05/09/2018			SITTS & HILL ENGINEERS, INC. CIVIL • STRUCTURAL • SURVEYING 4815 CENTER STREET TACOMA, WA 98409 PHONE: (253) 461-7475 http://www.sitts-hill.com/					
	LANDSCAPE PLAN AREA 6				CHECKED BY: RJJ		DATE: 05/09/2018			BY:		DATE:			
	TOWNSHIP: 21N				RANGE: 3E		SECTION: 36			PROJ. ENGR: RJJ		REVISION:		MARK:	
	DATE-HRZ: W83-SF				VERT: PORT OF TACOMA BM#		PRINTED BY: krischerk May 09, 2018			PORT ADDRESS: ONE SITCUM PLAZA		APPR:		DATE:	
PHASE: BID SET				DRAWING SCALE: AS SHOWN				TACOMA WA 98401-1837							

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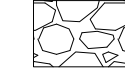


1 ENLARGED LANDSCAPE PLAN
L1.6 1"=20'

L1.

$$1''=20$$

LEGEND



40% 2"-3"
30% 4"-6"
30% 8"-10"

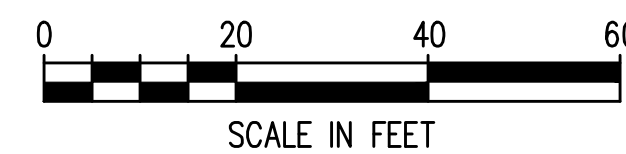
ROCK SHALL BE NOT BE CRUMBLY WHEN SUBJECTED TO WEATHERING. SUBMIT 5 GALLON SAMPLE FOR APPROVAL BY LANDSCAPE ARCHITECT.



: 12" WIDE CONCRETE MOW STRIP, SEE DETAIL 02/L1.11

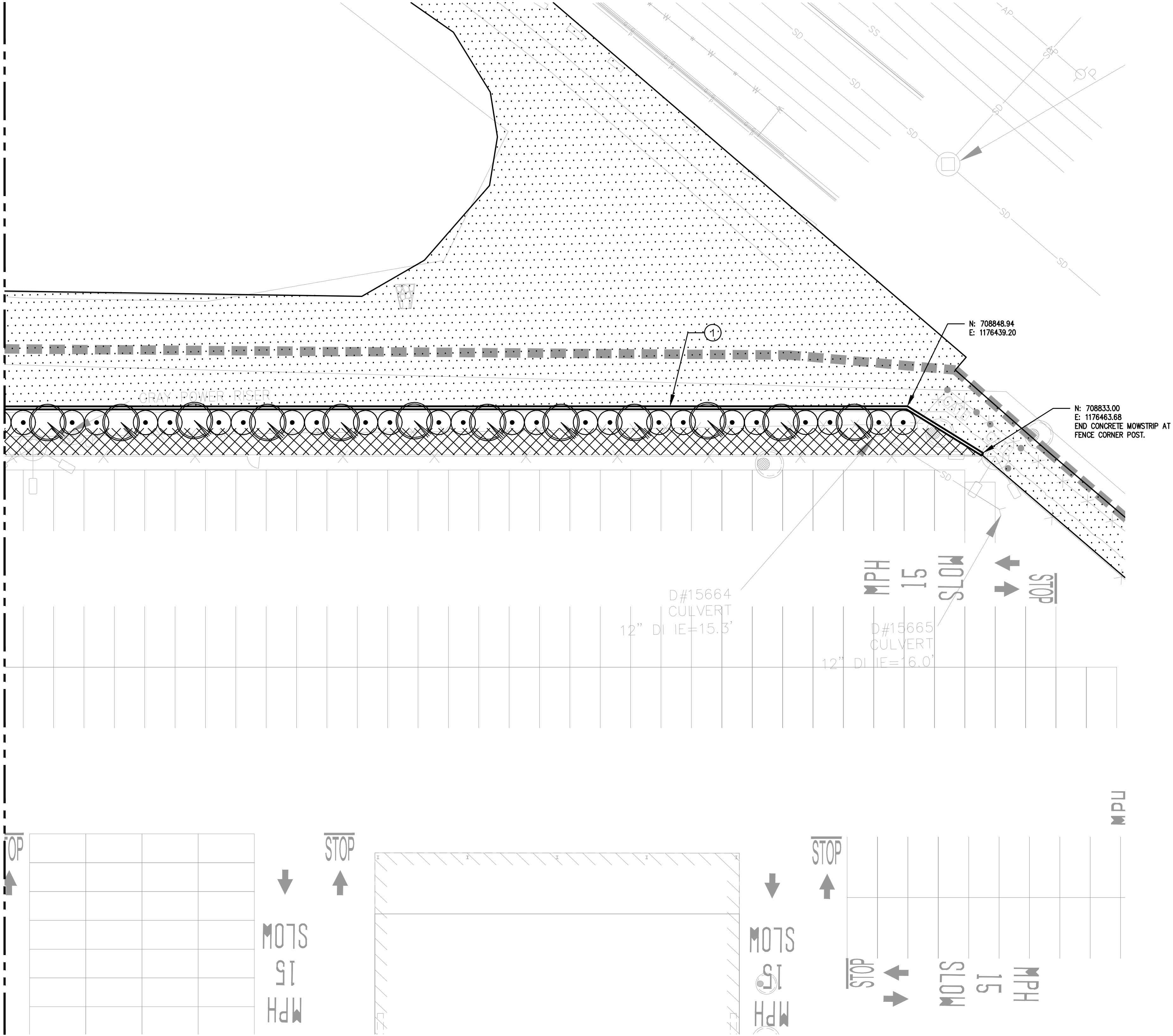
SITE CONSTRUCTION NOTES

① 12" WIDE CONCRETE MOWSTRIP. SEE 02/L1.11.

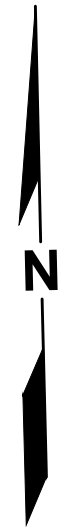


L1.6 150 OF 163										PARCEL 77 AUTO IMPORT TERMINAL										APPROVED: RJJ05/09/2018 RJJ05/09/2018 DIRECTOR ENG. DATE PROJ. ENGR DATE PRINTED BY: kreischert May 09, 2018 PORT ADDRESS: ONE SITCUM PLAZA TACOMA WA, 98401-1837		SITTS & HILL ENGINEERS, INC. CIVIL • STRUCTURAL • SURVEYING 4814 CENTER STREET TACOMA, WA, 98409 PHONE: (252) 472-5469 FAX: (252) 474-9153 http://www.sittshill.com/	MARK: REVISION: BY: DATE:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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MATCH LINE SEE SHEET L1.7



1 ENLARGED LANDSCAPE PLAN
152 OF 163
1"=20'



LEGEND



ROCK COBBLE SURFACING. 10" MINIMUM DEPTH. GRAY TO BLACK RIVER COBBLES SHALL CONFORM TO FOLLOWING GRADATION. SEE 04/L1.11.

40% 2"-3"
30% 4"-6"
30% 8"-10"

ROCK SHALL BE NOT BE CRUMBLY WHEN SUBJECTED TO WEATHERING. SUBMIT 5 GALLON SAMPLE FOR APPROVAL BY LANDSCAPE ARCHITECT.



IGNEOUS BOULDERS APPROXIMATELY 4'-5' X 4'-5' X 3' HIGH IN SIZE. BOULDERS SHALL BE SELECTED BY THE LANDSCAPE ARCHITECT AT CONTRACTOR'S SELECTED QUARRY PRIOR TO DELIVERY TO SITE.

12" WIDE CONCRETE MOW STRIP, SEE DETAIL 02/L1.11

SITE CONSTRUCTION NOTES

1 12" WIDE CONCRETE MOWSTRIP. SEE 02/L1.11.

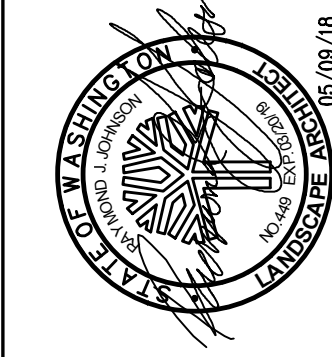
L1.8
152 OF 163

PARCEL 77 AUTO IMPORT TERMINAL

APPROVED:

RJJ 05/09/2018

CHECKED BY DATE



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PHONE: (253) 744-4700
http://www.sitts-hill.com/



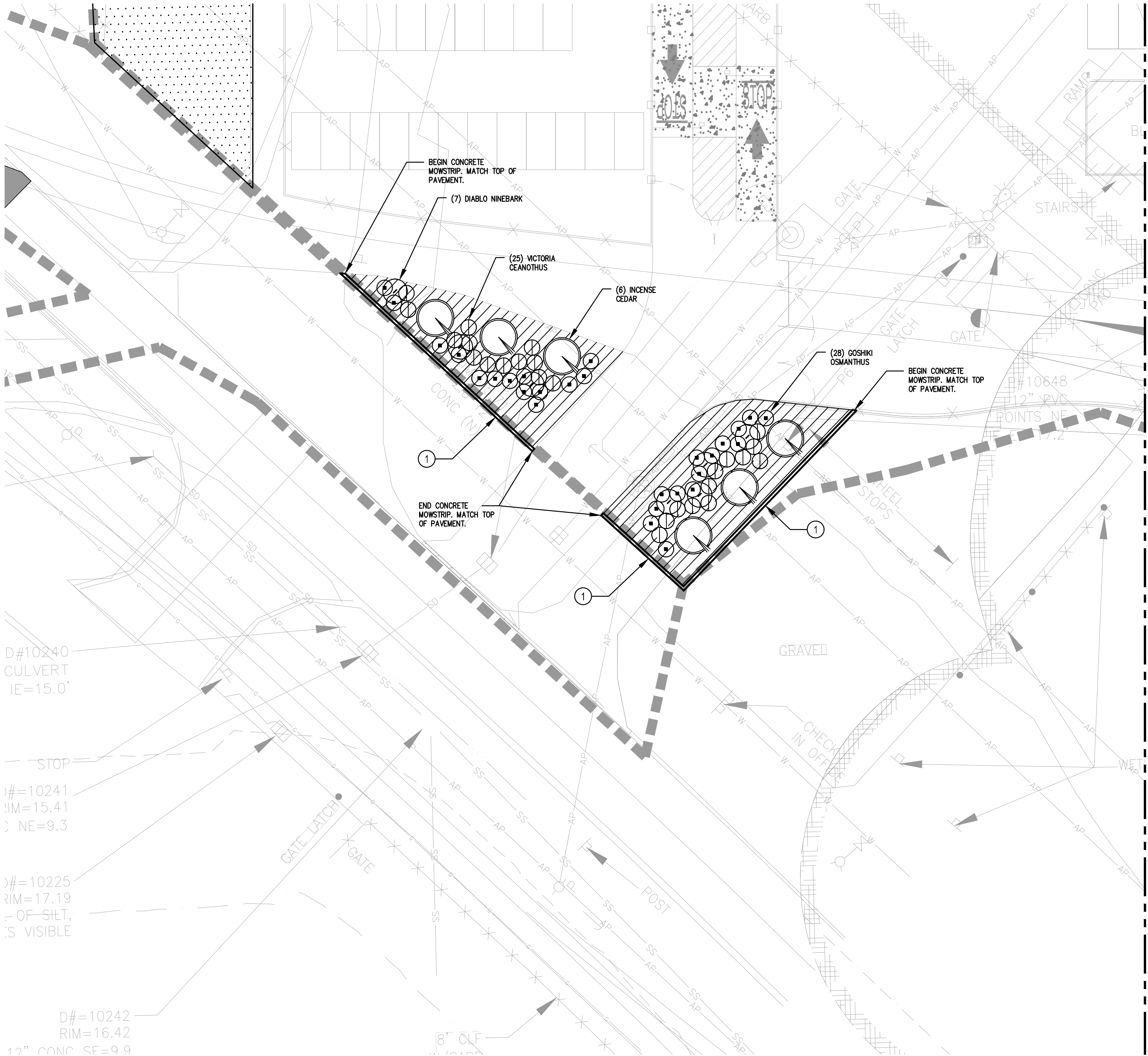
DIRECTOR ENG. DATE
RJJ 05/09/2018
PROJ. ENGR DATE
PRINTED BY: krishchek May 09, 2018
PORT ADDRESS: ONE SITCUM PLAZA
TACOMA WA 98401-1837

ENLARGED LANDSCAPE PLAN
AREA 2
TOWNSHIP: 21N RANGE: 3E SECTION: 36
DATE-HRZ: W83-SF VERT: PORT OF TACOMA BM#
PARCEL: MULTIPLE DRAWING SCALE: AS SHOWN

CONTR/CONS: 070770
M. ID: 201020.01
PHASE: BID SET

MARK: REVISION: BY: DATE:

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1

ENLARGED LANDSCAPE PLAN

L1.9

1"=20'

MATCH LINE SEE SHEET L1.10

LEGEND

ROCK COBBLE SURFACING. 10" MINIMUM DEPTH. GRAY TO BLACK RIVER COBBLES SHALL CONFORM TO FOLLOWING GRADATION. SEE 04/L1.11.

40% 2"-3"
30% 4"-6"
30% 8"-10"

ROCK SHALL BE NOT BE CRUMBLY WHEN SUBJECTED TO WEATHERING. SUBMIT 5 GALLON SAMPLE FOR APPROVAL BY LANDSCAPE ARCHITECT.

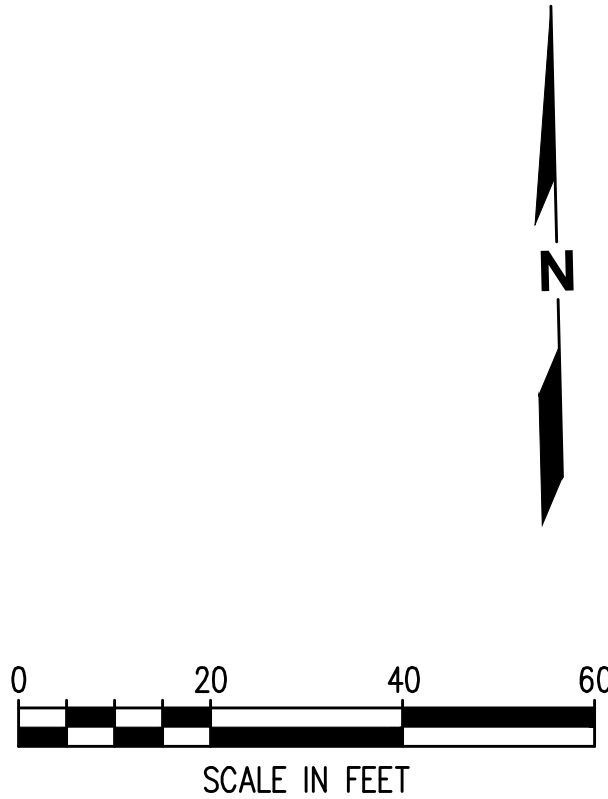
IGNEOUS BOULDERS APPROXIMATELY 4'-5' X 4'-5' X 3' HIGH IN SIZE. BOULDERS SHALL BE SELECTED BY THE LANDSCAPE ARCHITECT AT CONTRACTOR'S SELECTED QUARRY PRIOR TO DELIVERY TO SITE.

12" WIDE CONCRETE MOW STRIP, SEE DETAIL 02/L1.11

SITE CONSTRUCTION NOTES

1

12" WIDE CONCRETE MOWSTRIP. SEE 02/L1.11.



L1.9

153 OF 163

CONT/CONS: 070770
M. ID: 201020.01
PHASE: BID SET

PARCEL 77 AUTO IMPORT TERMINAL

ENLARGED LANDSCAPE PLAN
AREA 3

TOWNSHIP: 21N RANGE: 3E SECTION: 36
DAT-HRZ: W83-SF VERT: PORT OF TACOMA BM#
PARCEL: MULTIPLE DRAWING SCALE: AS SHOWN

APPROVED:

RJJ 05/09/2018
CHECKED BY: DATE
RJJ 05/09/2018
PROJ. ENGR DATE
DIRECTOR ENG. DATE
PRINTED BY: krishchek May 09, 2018
PORT ADDRESS: ONE SITCOM PLAZA
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TACOMA, WA 98409
PHONE: (253) 740-4700
http://www.sitts-hill.com/

05/09/2018

MARK:

REVISION:

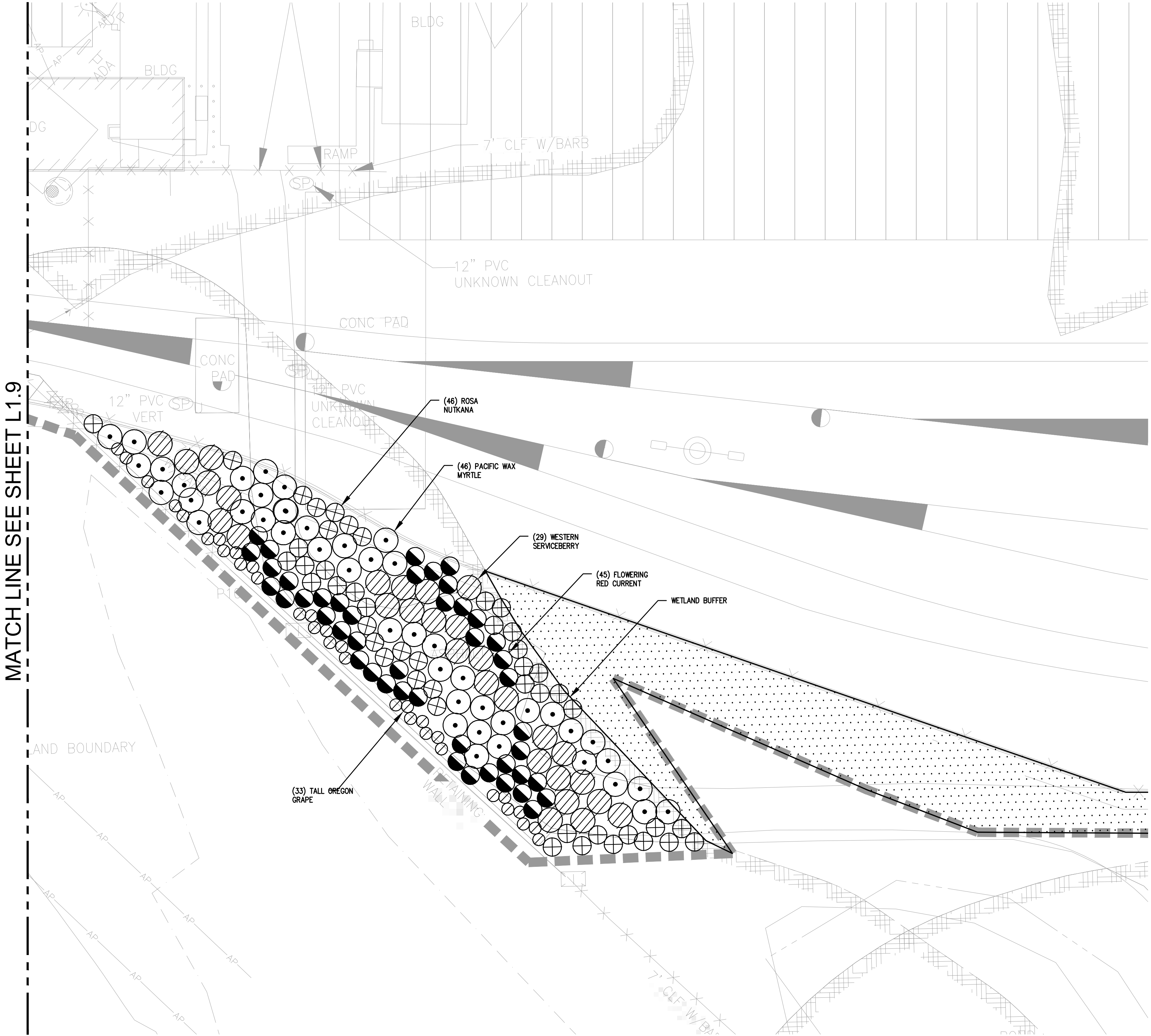
BY:

APPR:

DATE:

P.O. BOX 1837 TACOMA, WA 98401 (253) 383-5841

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LEGEND

- 

ROCK COBBLE SURFACING. 10" MINIMUM DEPTH. GRAY TO BLACK RIVER COBBLES SHALL CONFORM TO FOLLOWING GRADATION. SEE 04/L1.11.

40% 2"-3"
30% 4"-6"
30% 8"-10"
- 

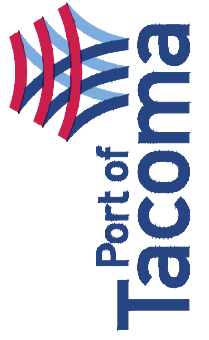
IGNEOUS BOULDERS APPROXIMATELY 4'-5' X 4'-5' X 3' HIGH IN SIZE. BOULDERS SHALL BE SELECTED BY THE LANDSCAPE ARCHITECT AT CONTRACTOR'S SELECTED QUARRY PRIOR TO DELIVERY TO SITE.
- 

12" WDE CONCRETE MOW STRIP, SEE DETAIL 02/L1.11

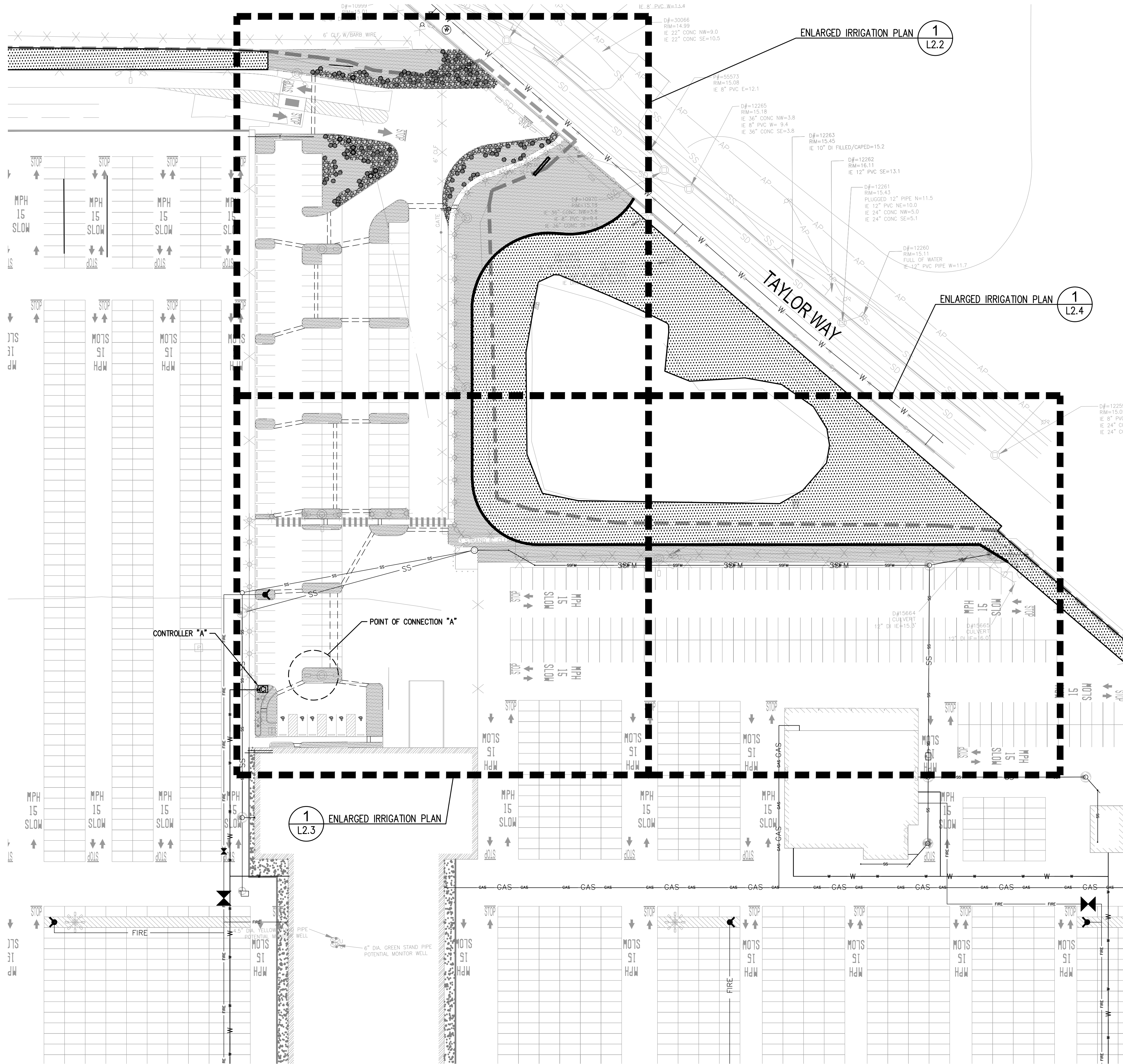
1

ENLARGED LANDSCAPE PLAN

L1.10 1"=20'

L1.10 154 OF 163	PARCEL 77 AUTO IMPORT TERMINAL				APPROVED: RJJ 05/09/2018			SITTS & HILL ENGINEERS, INC. CIVIL • STRUCTURAL • SURVEYING 4015 CENTER STREET TACOMA, WA 98409 PHONE: (253) 744-4700 http://www.sittshill.com/	 P.O. BOX 1837 TACOMA, WA 98401 (253)383-5841		
	ENLARGED LANDSCAPE PLAN				CHECKED BY: RJJ	DATE: 05/09/2018					
	AREA 3				DIRECTOR ENG. DATE: krischerk May 09, 2018	PROJ. ENGR DATE: 05/09/2018					
	TOWNSHIP: 21N RANGE: 3E SECTION: 36				PRINTED BY: krischerk	DATE: 05/09/2018					
CONT/CONS: 070770	TOWNSHIP: 21N	RANGE: 3E	SECTION: 36	PORT OF TACOMA BM#	TACOMA, WA 98401-1837		MARK:	REVISION:	BY:	APPR:	DATE:
M. ID: 201020.01	DAT-HRZ: W83-SF	VERT:	MULTIPLE	DRAWING SCALE: AS SHOWN							
PHASE: BID SET											

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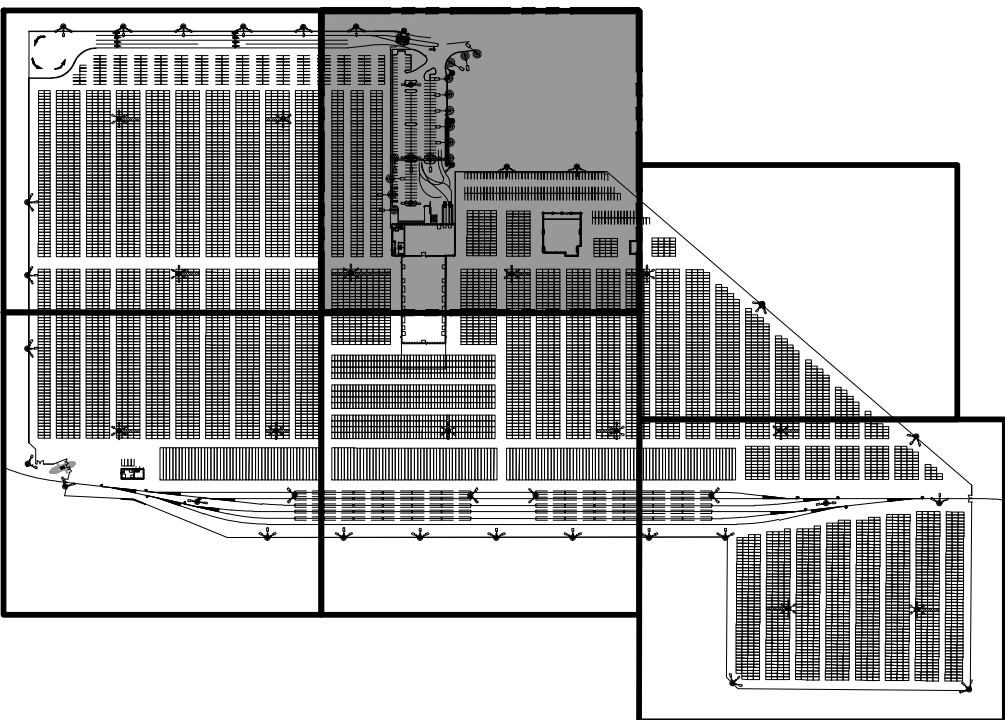


LEGEND

- EROSION CONTROL GRASS - NO IRRIGATION AREA
- IRRIGATED AREA

GENERAL NOTES

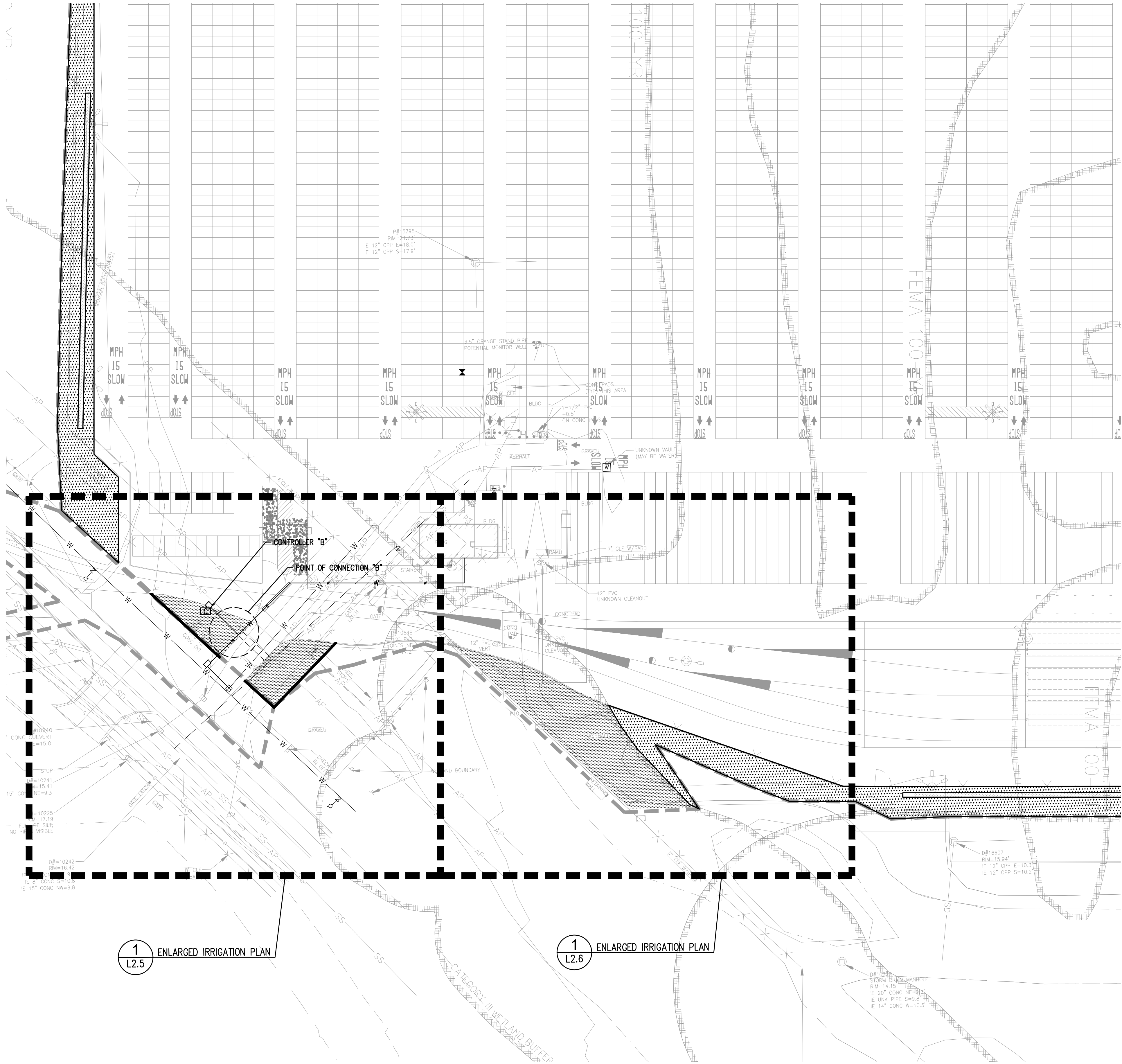
- FOR IRRIGATION LEGEND, NOTES AND DETAILS, SEE SHEET L2.7.



KEY PLAN
NTS

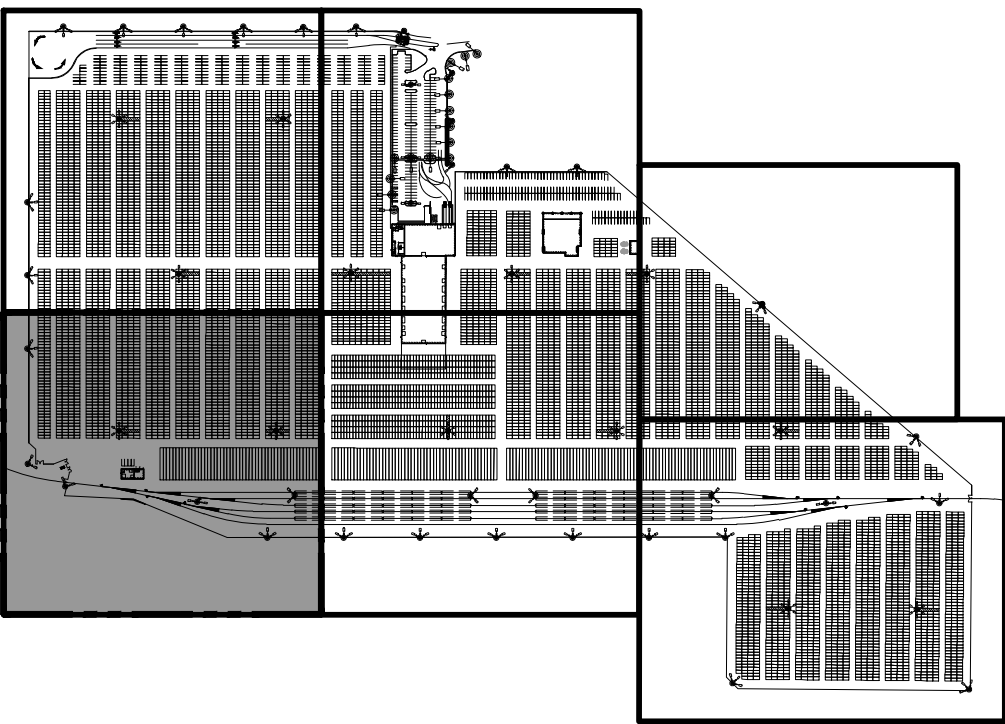
L2.0 156 OF 163	PARCEL 77 AUTO IMPORT TERMINAL				APPROVED: RJJ 05/09/2018		SITTS & HILL ENGINEERS, INC. CIVIL • STRUCTURAL • SURVEYING 4015 CENTER STREET TACOMA, WA 98409 PHONE: (253) 740-4700 http://www.sitts-hill.com/	
	IRRIGATION PLAN AREA 2				CHECKED BY: DATE: RJJ 05/09/2018			
	TOWNSHIP: 21N RANGE: 3E SECTION: 36				PROJ. ENGR DATE: RJJ 05/09/2018			
	DATE-HRZ: 201020.01 DAT-HRZ: W83-SF				PRINTED BY: kräschert May 09, 2018			
CONTR/CONS: 070770		TOWNSHIP: 21N RANGE: 3E SECTION: 36		DIRECTOR ENG. DATE: kräschert May 09, 2018		MARK: REVISION: BY: DATE:		P.O. BOX 1837 TACOMA, WA 98401 (253) 383-5841
M. ID: 201020.01		DATE-HRZ: W83-SF		PORT ADDRESS: ONE SITCOM PLAZA		APPR: DATE:		
PHASE: BID SET		PARCEL: MULTIPLE		DRAWING SCALE: AS SHOWN		BY: DATE:		

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1
L2.5
ENLARGED IRRIGATION PLAN

1
L2.6
ENLARGED IRRIGATION PLAN



KEY PLAN
NTS

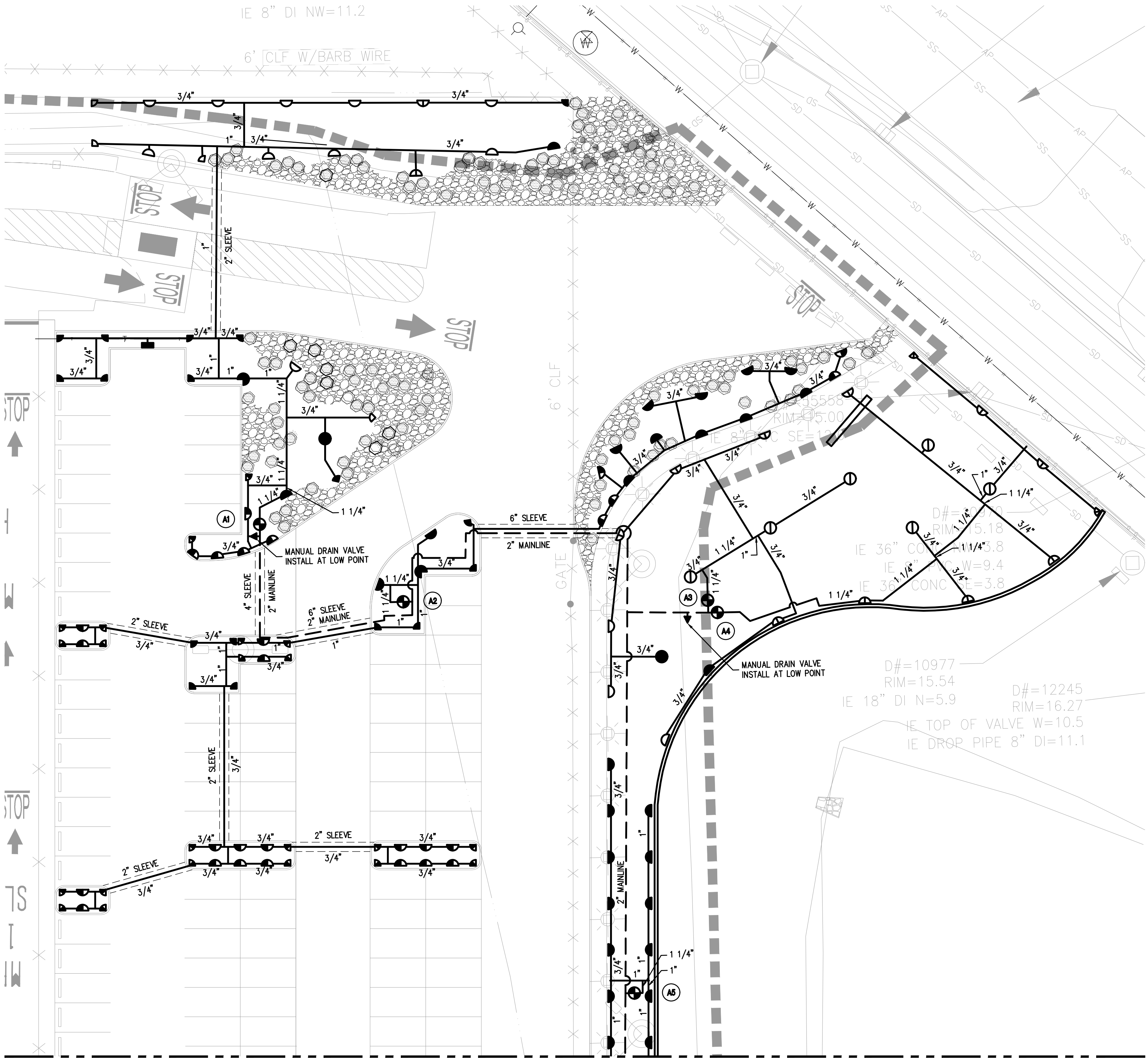
LEGEND

- EROSION CONTROL GRASS - NO IRRIGATION AREA
- IRRIGATED AREA

GENERAL NOTES

- FOR IRRIGATION LEGEND, NOTES AND DETAILS, SEE SHEET L2.7.

L2.1 157 OF 163	PARCEL 77 AUTO IMPORT TERMINAL				APPROVED:	RJJ	05/09/2018
	IRRIGATION PLAN AREA 3				CHECKED BY:	DATE	
					DIRECTOR ENG. DATE	PROJ. ENGR DATE	
					PRINTED BY: krishchek	May 09, 2018	
CONT/CONS: 070770	TOWNSHIP: 21N	RANGE: 3E	SECTION: 36	PORT ADDRESS: ONE SITCOM PLAZA			
M. ID: 201020.01	DAT-HRZ: W83-SF	VERT: PORT OF TACOMA BM#	TACOMA WA 98401-1837				
PHASE: BID SET	PARCEL: MULTIPLE	DRAWING SCALE: AS SHOWN					
Port of Tacoma P.O. BOX 1837 TACOMA, WA 98401 (206)388-5841							
SITTS & HILL ENGINEERS, INC. CIVIL • STRUCTURAL • SURVEYING 4015 CENTER STREET TACOMA, WA 98409 PHONE: (206) 441-4700 http://www.sitts-hill.com							
MARK: REVISION: BY: APPR: DATE:							



MATCH LINE SEE SHEET L2.3

1 ENLARGED IRRIGATION PLAN
L2.2 1"=20'

- LEGEND
- ROCK COBBLE SURFACING.
-

GENERAL NOTES

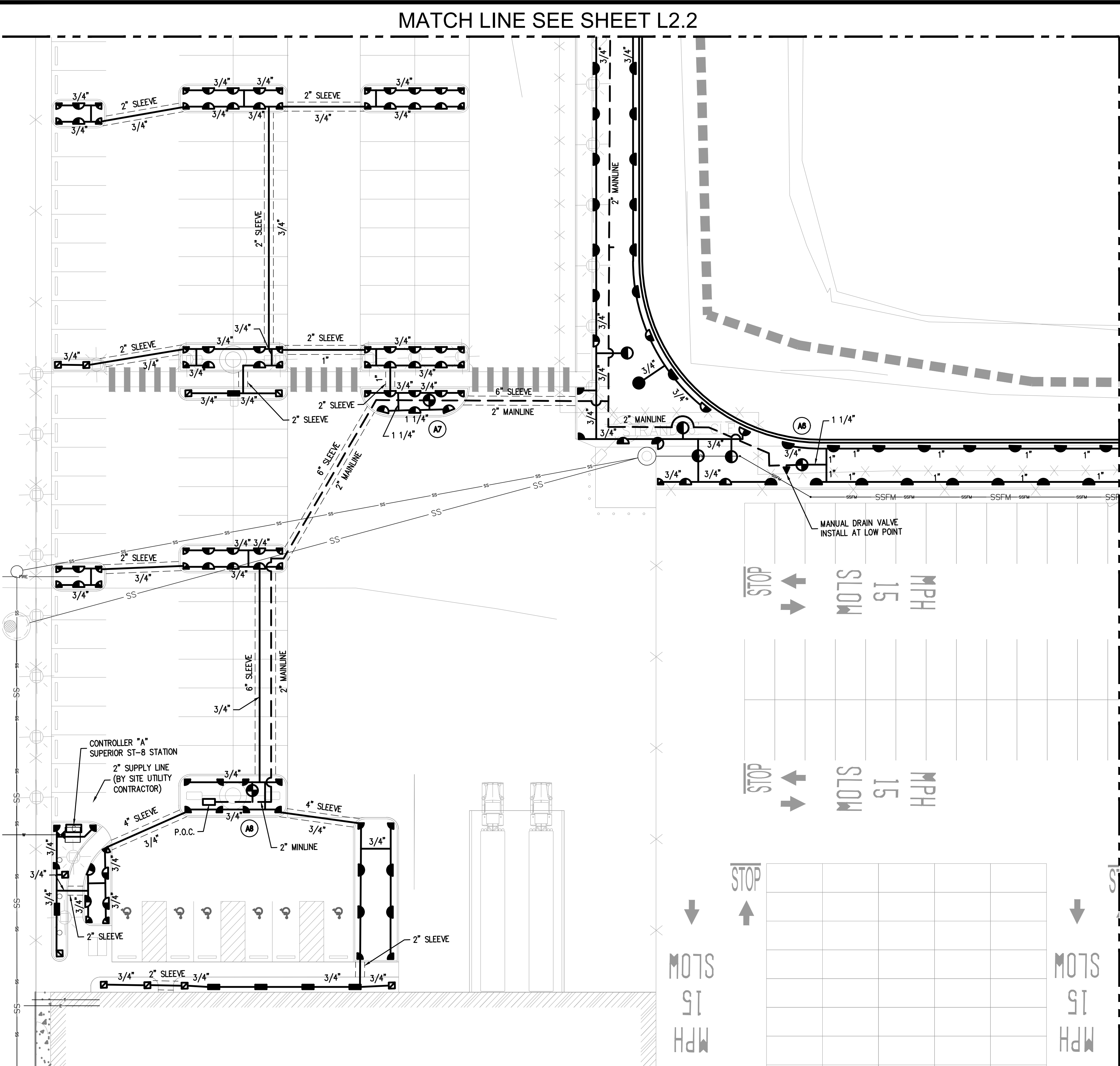
1. FOR IRRIGATION LEGEND, NOTES AND DETAILS, SEE SHEET L2.7.



L2.2 158 OF 163	PARCEL 77 AUTO IMPORT TERMINAL				APPROVED:	RJJ	05/09/2018			SITTS & HILL ENGINEERS, INC. CIVIL • STRUCTURAL • SURVEYING 4015 CENTER STREET TACOMA, WA 98409 PHONE: (253) 744-4700 http://www.sittshill.com/	 P.O. BOX 1837 TACOMA, WA 98401 (253)383-5841				
	ENLARGED IRRIGATION PLAN				CHECKED BY:	DATE			MARK:			REVISION:	BY:	APPR:	DATE:
	AREA 2				DIRECTOR ENG. DATE	PROJ. ENGR	DATE								
					PRINTED BY:	krischerk May 09, 2018									
CONT/CONS: 070770		TOWNSHIP: 21N		RANGE: 3E	SECTION: 36										
M. ID: 201020.01		DAT-HRZ: W83-SF		VERT: PORT OF TACOMA BM#											
PHASE: BID SET		PARCEL: MULTIPLE		DRAWING SCALE: AS SHOWN											
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PORT OF TACOMA FILE: P:\17700\17798\Drawings\L2.0-L2.7 IRRIGATION PLANS

BINDING EDGE



LEGEND

- ROCK COBBLE SURFACING.
- 12" WIDE CONCRETE MOW STRIP
- P.O.C. IRRIGATION POINT OF CONNECTION IS DOWNSTREAM SIDE OF GATE VALVE. VALVE AND VALVE BOX TO BE INSTALLED BY SITE UTILITY CONTRACTOR.

GENERAL NOTES

- FOR IRRIGATION LEGEND, NOTES AND DETAILS, SEE SHEET L2.7.

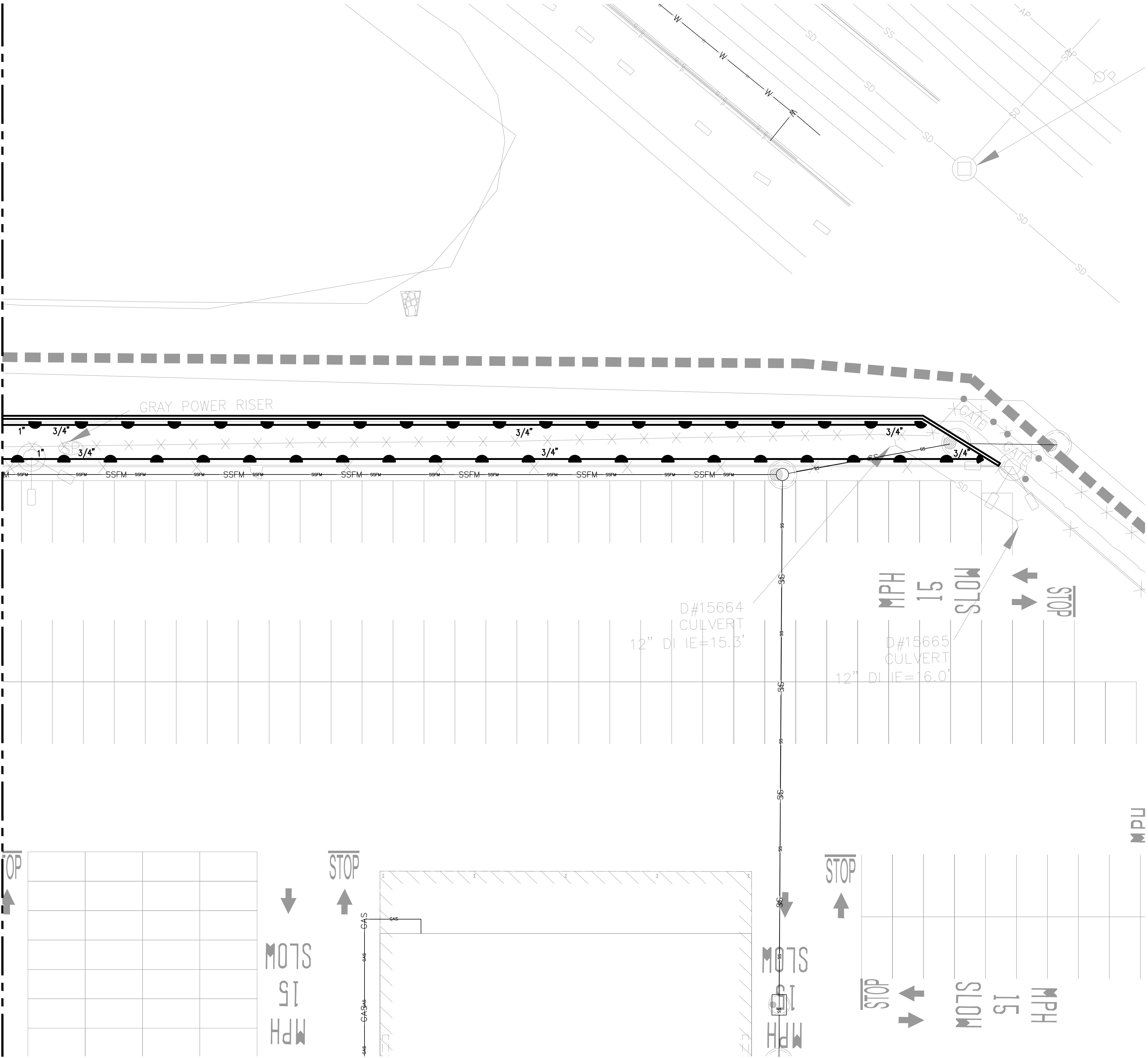
1 ENLARGED IRRIGATION PLAN
L2.3 1"=20'



L2.3 159 OF 163	PARCEL 77 AUTO IMPORT TERMINAL				APPROVED: RJJ 05/09/2018				SITTS & HILL ENGINEERS, INC. CIVIL • STRUCTURAL • SURVEYING 4015 CENTER STREET TACOMA, WA 98409 PHONE: (253) 744-4700 http://www.sitts-hill.com		 P.O. BOX 1837 TACOMA, WA 98401 (253) 883-5841		
	ENLARGED IRRIGATION PLAN AREA 2				CHECKED BY: RJJ DATE: 05/09/2018						DATE:		
	TOWNSHIP: 21N RANGE: 3E SECTION: 36				DIRECTOR ENG. DATE: PROJ. ENGR DATE						BY:		
	DAT-HRZ: W83-SF VERT: PORT OF TACOMA BM#				PRINTED BY: krishcherk May 09, 2018						REVISION:		
PHASE: BID SET				DRAWING SCALE: AS SHOWN				TACOMA WA 98401-1837		MARK:		APPR:	

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MATCH LINE SEE SHEET L2.3



GENERAL NOTES

- FOR IRRIGATION LEGEND, NOTES AND DETAILS, SEE SHEET L2.7.

1 ENLARGED IRRIGATION PLAN
L2.4 1"=20'

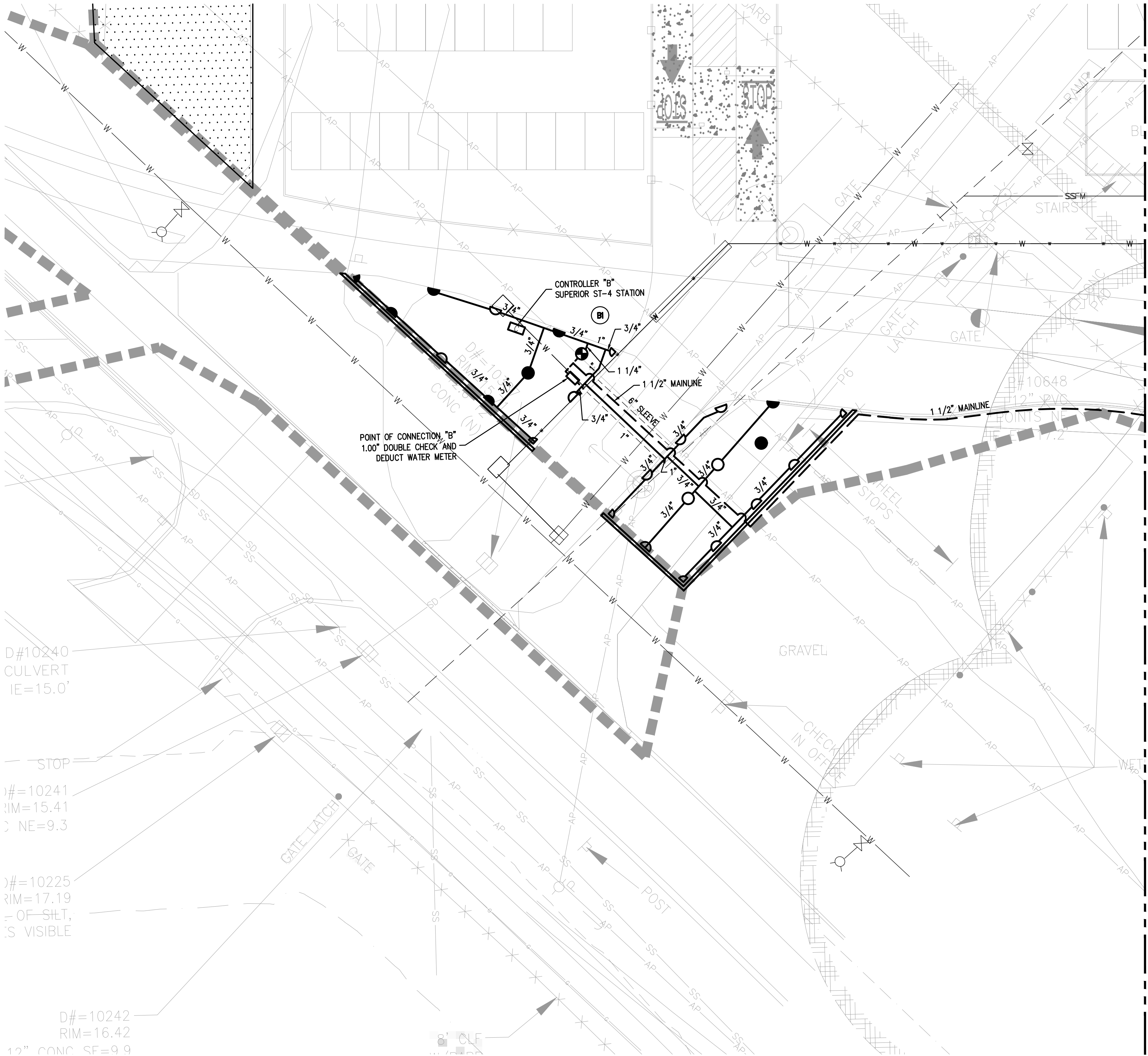
L2.4 160 OF 163	PARCEL 77 AUTO IMPORT TERMINAL				APPROVED:		RJJ	05/09/2018
	ENLARGED IRRIGATION PLAN AREA 2				CHECKED BY: DATE		RJJ	05/09/2018
					DIRECTOR ENG. DATE		PROJ. ENGR	DATE
					PRINTED BY: krishchek May 09, 2018		PORT ADDRESS: ONE SITCUM PLAZA	
CONT/CONS: 070770		TOWNSHIP: 21N	RANGE: 3E	SECTION: 36	TACOMA WA 98401-1837			
M. ID: 201020.01		DATE-HRZ: W83-SF	VERT: PORT OF TACOMA BM#	TACOMA WA 98401-1837				
PHASE: BID SET		PARCEL: MULTIPLE	DRAWING SCALE: AS SHOWN	TACOMA WA 98401-1837				

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1 ENLARGED IRRIGATION PLAN
L2.5 1"=20'

LEGEND

12" WIDE CONCRETE MOW STRIP

GENERAL NOTES

1. FOR IRRIGATION LEGEND, NOTES AND DETAILS, SEE SHEET L2.7.



L2.5 161 OF 163	PARCEL 77 AUTO IMPORT TERMINAL ENLARGED IRRIGATION PLAN AREA 3	APPROVED:	RJJ	05/09/2018
		CHECKED BY	RJJ	05/09/2018
		DIRECTOR ENG. DATE	PROJ. ENGR	DATE
		PRINTED BY: krishchek	May 09, 2018	
PORT ADDRESS: ONE SITCUM PLAZA		TACOMA WA 98401-1837		
DRAWING SCALE: AS SHOWN				
TOWNSHIP: 21N		RANGE: 3E		SECTION: 36
DAT-HRZ: W83-SF		VERT: PORT OF TACOMA BM#		
PARCEL: MULTIPLE				
PHASE: BID SET				
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MARK:		REVISION:	BY:	DATE:
APPR:				

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ENGINEERS, INC.
LICENSE NO. 10648
STATE OF WASHINGTON
LANDSCAPE ARCHITECT
05/09/18

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1

L2.5

ENLARGED IRRIGATION PLAN

1"=20'

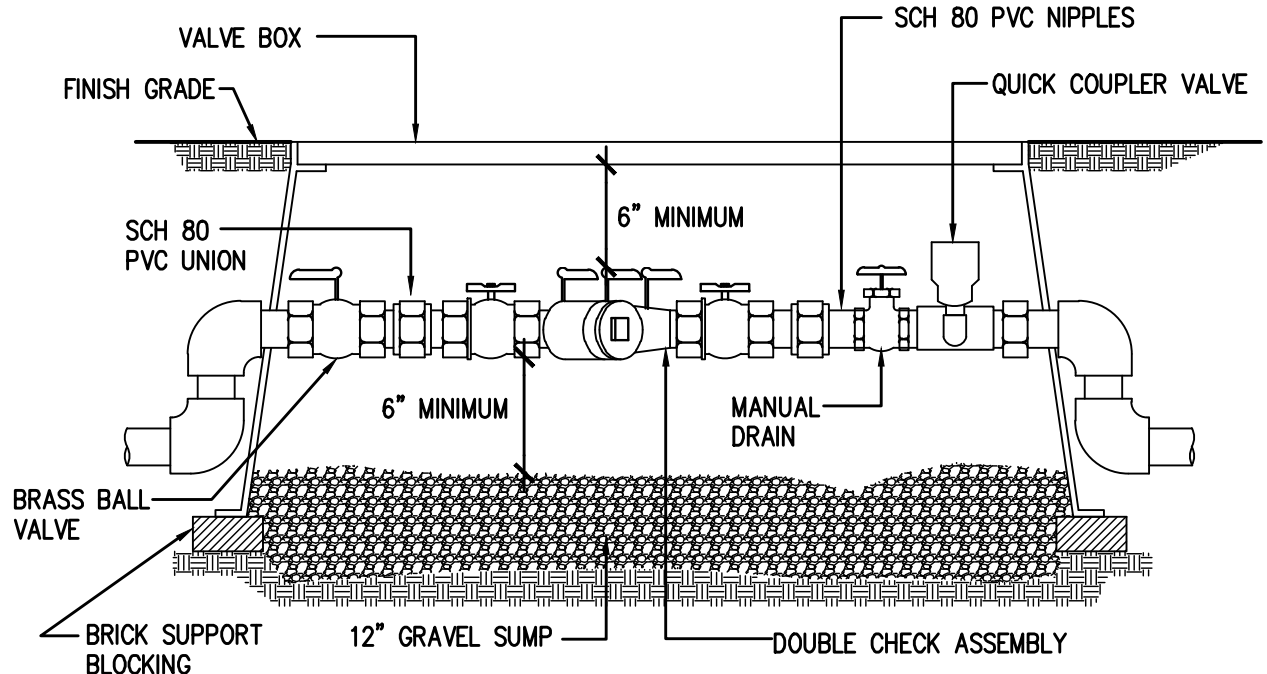


GENERAL NOTES

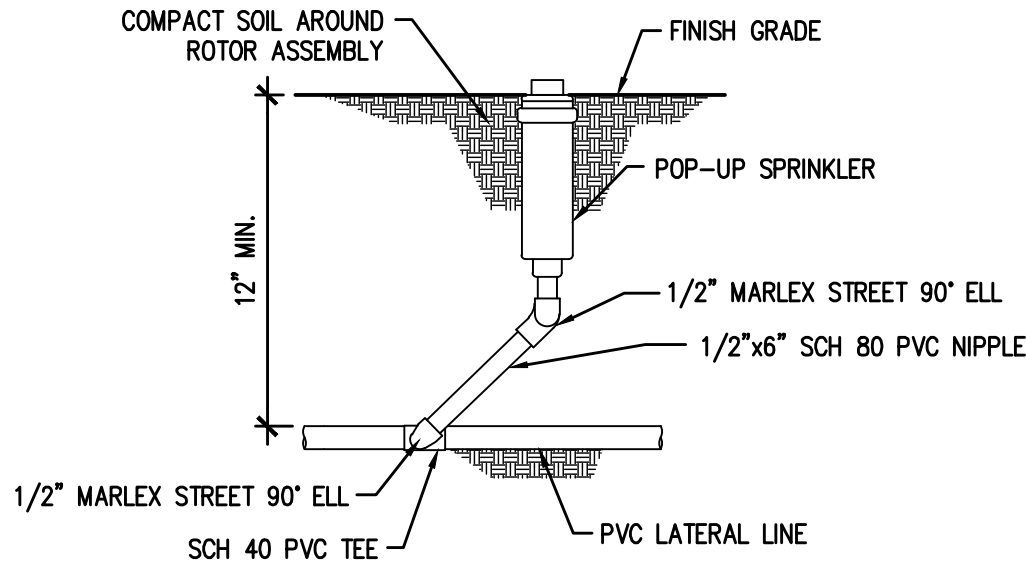
1. FOR IRRIGATION LEGEND, NOTES AND DETAILS, SEE SHEET L2.7.

L2.6 162 OF 163	PARCEL 77 AUTO IMPORT TERMINAL				APPROVED:	RJJ	05/09/2018		SITTS & HILL ENGINEERS, INC. CIVIL • STRUCTURAL • SURVEYING 4015 CENTER STREET TACOMA, WA 98409 PHONE: (253) 744-4700 http://www.sittshill.com/	 P.O. BOX 1837 TACOMA, WA 98401 (253) 383-5841							
	ENLARGED IRRIGATION PLAN AREA 3				CHECKED BY	DATE	MARK:				REVISION:	BY:	APPR:	DATE:			
	CONT./CONS:	070770	TOWNSHIP:	21N	RANGE:	3E	SECTION:				36	DIRECTOR ENG. DATE	PROJ. ENGR	DATE			
	M. ID:	201020.01	DAT-HRZ:	W83-SF	VERT:						PORT OF TACOMA BM#	PRINTED BY:	Krischerk May 09, 2018				
PHASE:	BID SET	PARCEL:	MULTIPLE	DRAWING SCALE:	AS SHOWN	PORT ADDRESS: ONE SITCUM PLAZA TACOMA WA 98401-1837											

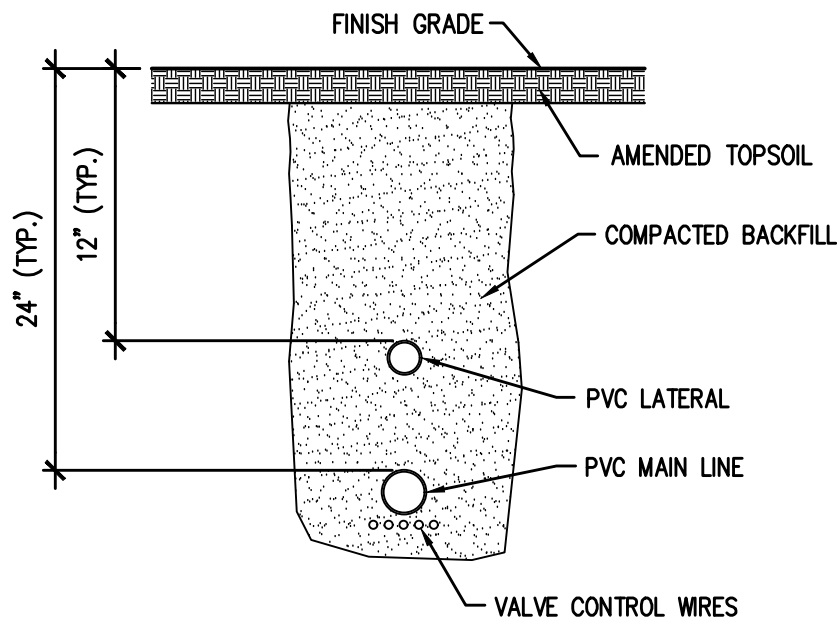
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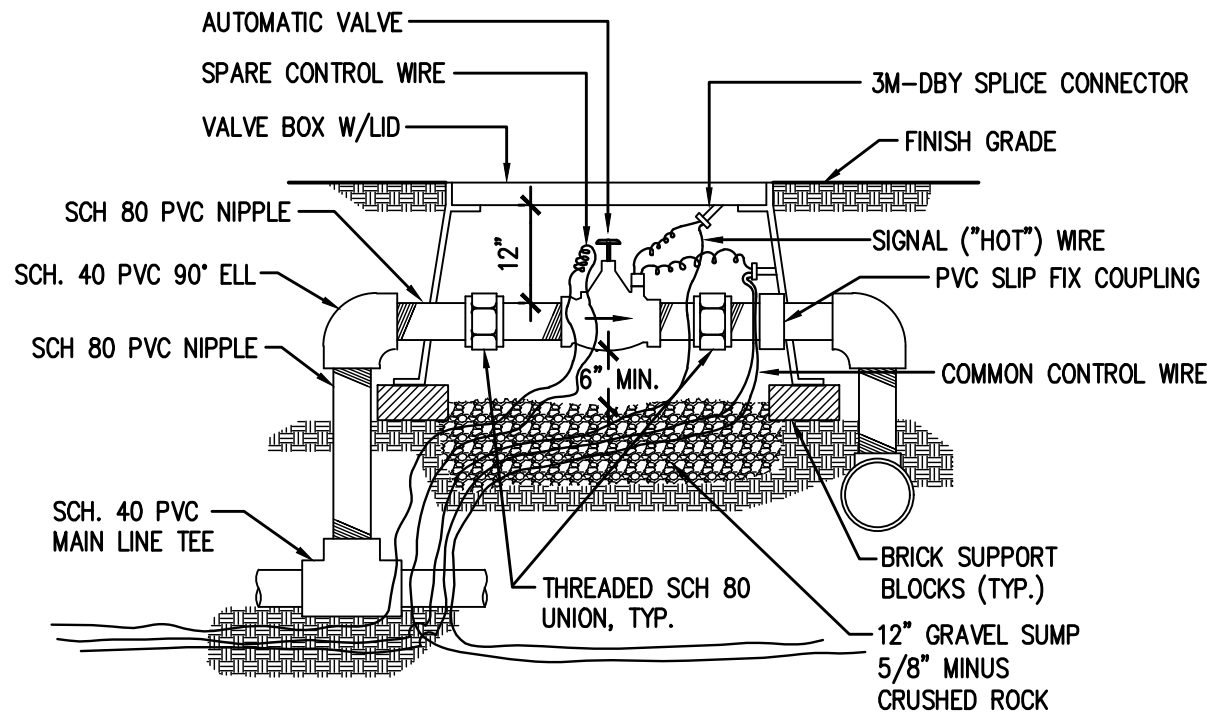
01 DOUBLE CHECK ASSEMBLY DETAIL
SCALE: N.T.S.



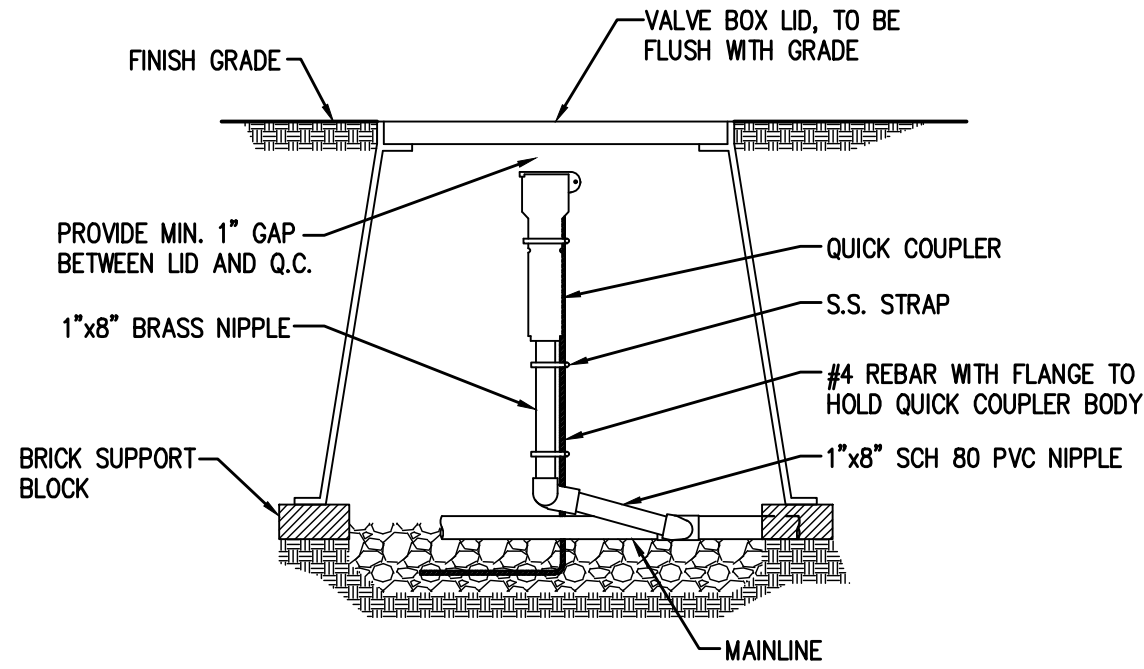
02 MP ROTARY SPRINKLER DETAIL
SCALE: N.T.S.



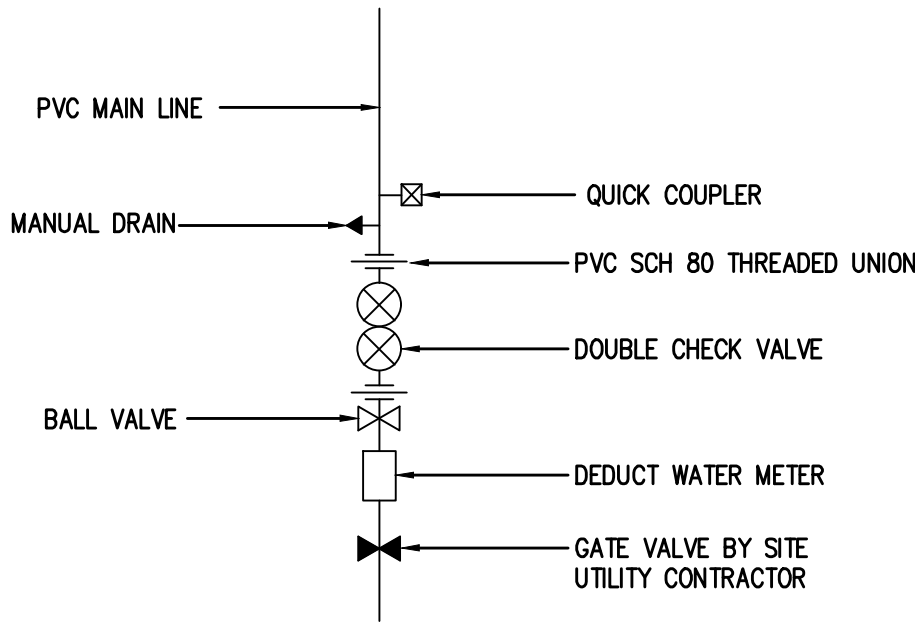
03 TRENCHING DETAIL
SCALE: N.T.S.



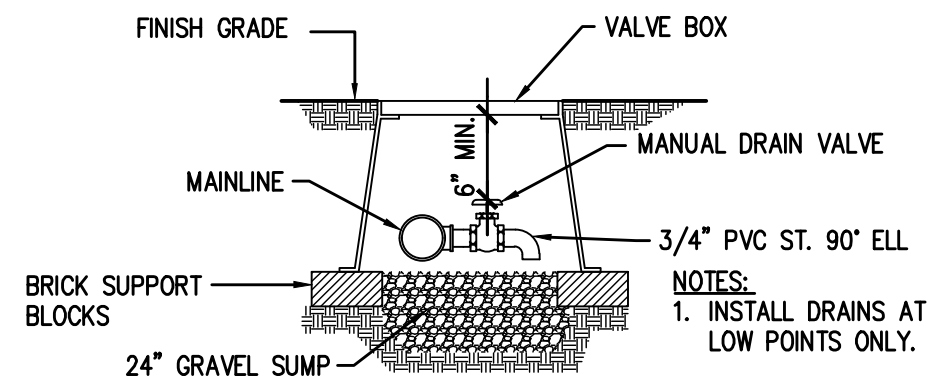
04 AUTOMATIC CONTROL VALVE DETAIL
SCALE: N.T.S.



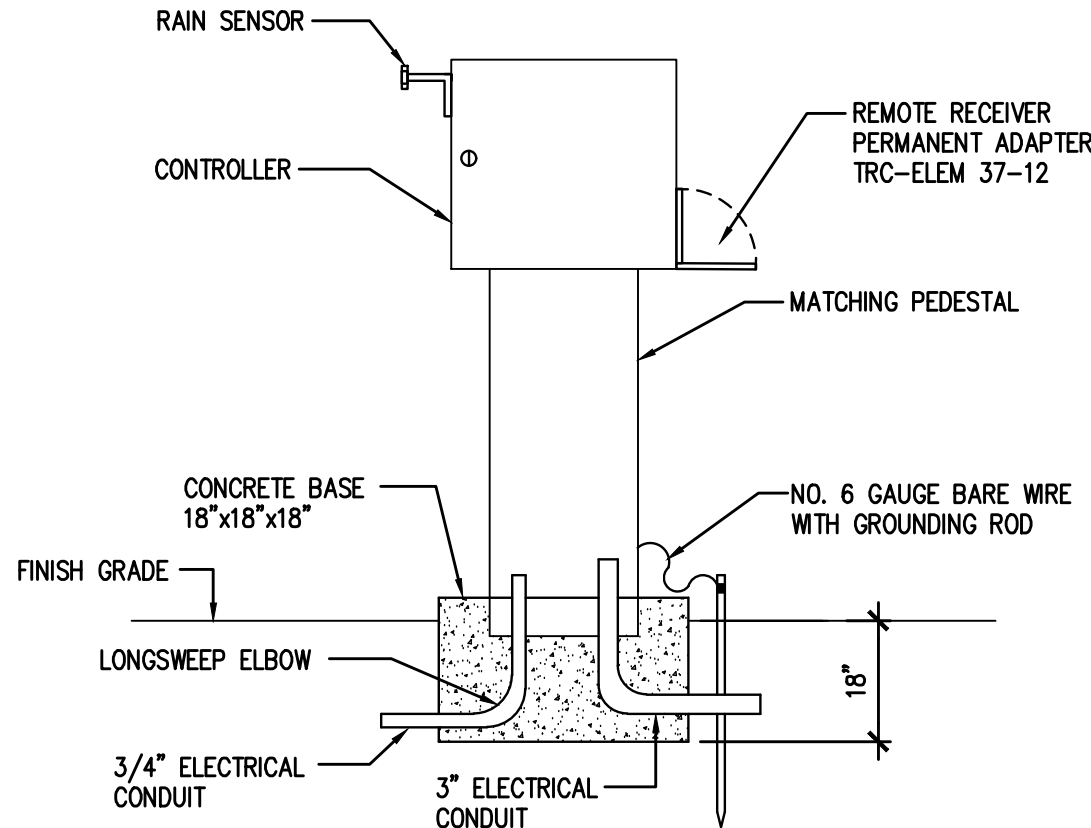
05 QUICK COUPLER VALVE
SCALE: N.T.S.



06 POINT OF CONNECTION DETAIL
SCALE: N.T.S.



07 MANUAL DRAIN VALVE DETAIL
SCALE: N.T.S.



08 110 V POWERED AUTOMATIC CONTROLLER
SCALE: N.T.S.

EQUIPMENT LEGEND

CATALOG NUMBER	SYMBOL	DESCRIPTION	PSI.	RADIUS
MP 800 / 1806	●	HUNTER ROTARY SPRINKLER W/RAINBIRD POP UP BODY	40	6'-12'
MP 1000 / 1806	●	HUNTER ROTARY SPRINKLER W/RAINBIRD POP UP BODY	40	8'-15'
MP 2000 / 1806	○	HUNTER ROTARY SPRINKLER W/RAINBIRD POP UP BODY	40	15'-21'
MP 3000 / 1806	○	HUNTER ROTARY SPRINKLER W/RAINBIRD POP UP BODY	40	22-30'
MP SST / 1806	■	HUNTER ROTARY SPRINKLER W/RAINBIRD POP UP BODY	40	5'X30'
MP LCS / 1806	■	HUNTER ROTARY SPRINKLER W/RAINBIRD POP UP BODY	40	5'X15'
MP RCU / 1806	■	HUNTER ROTARY SPRINKLER W/RAINBIRD POP UP BODY	40	5'X15'
T 585 70 66 ST	⊗	NIBCO MFG FULL PORT BRONZE BALL VALVE, SAME SIZE AS D/C ASSEMBLY		
850 SERIES	⊗	FEBCO DOUBLE CHECK ASSEMBLY, SEE PLANS FOR SIZE		
44NP 1.00"	⊗	RAINBIRD QUICK COUPLER WITH MATCHING KEY AND HOSE ELL		
200 0.75"	▲	CHAMPION MANUAL DRAIN VALVE WITH RISING STEM		
ST-SERIES	C	SUPERIOR AUTO CONTROLLER WITH MATCHING PEDESTAL		
MINI CLICK	■	HUNTER RAIN SENSOR		
PEB PRS SERIES	⊗	RAINBIRD AUTO CONTROL VALVE WITH PRESSURE REGULATOR		
195103 17"x30"x18"	NONE	PENTEK BACKFLOW BOX WITH LOCKING LID		
190106 14"x20"x12"	NONE	PENTEK CONTROL VALVE BOX WITH LOCKING LID		
181104 9"x10"	NONE	PENTEK QUICK COUPLER/MANUAL DRAIN BOX WITH LID		
SCH 40	----	SOLVENT WELD PVC MAINLINE		
CL 200	----	SOLVENT WELD PVC LATERALS, SIZE AS SHOWN		
SCH 40	----	SOLVENT WELD PVC SLEEVING, SIZE AS SHOWN		
14.1 UF	NONE	DIRECT BURY CONTROL WIRE, USE WHITE AS COMMON, RED FOR SIGNAL AND YELLOW AS SPARES		
MTR-SR SERIES	WM	SENSUS DEDUCT WATER METER, READING IN CUBIC FEET, SEE PLANS FOR SIZE		
170105 10"x15"x12"	NONE	PENTEK STANDARD METER BOX WITH READING LID		
195112 13"x24"x15"	NONE	PENTEK LARGE METER BOX WITH READING LID		

VALVE SCHEDULE

NO.	GPM.	SIZE	AREA / TYPE
A1	21.25	1"	SHRUB ROTOR SPRINKLER
A2	21.12	1"	SHRUB ROTOR SPRINKLER
A3	21.77	1"	SHRUB ROTOR SPRINKLER
A4	23.64	1"	SHRUB ROTOR SPRINKLER
A5	20.55	1"	SHRUB ROTOR SPRINKLER
A6	23.71	1"	SHRUB ROTOR SPRINKLER
A7	18.62	1"	SHRUB ROTOR SPRINKLER
A8	16.82	1"	SHRUB ROTOR SPRINKLER
B1	16.51	1"	SHRUB ROTOR SPRINKLER
B2	16.37	1"	SHRUB ROTOR SPRINKLER
B3	18.14	1"	SHRUB ROTOR SPRINKLER

GENERAL NOTES:

- IRRIGATION ENGINEERING PLAN BASE DON (2) TWO POINTS OF CONNECTION WITH 97.0 LBS. STATIC WATER PRESSURE.
- LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR SUPPLYING AND INSTALLING ALL EQUIPMENT WITHIN THE POINTS OF CONNECTIONS.
- ALL EQUIPMENT SHALL BE INSTALLED PER STATE AND LOCAL CODES.
- UPON COMPLETION OF THE INSTALLATION OF THE BACKFLOW ASSEMBLIES, THEY ARE TO BE TESTED AND CERTIFIED BY A STATE OF WASHINGTON BAT TESTER. CERTIFICATION TEST FORMS ARE TO BE TURNED OVER TO THE LANDSCAPE ARCHITECT.
- THE PRESSURE REGULATING CONTROL VALVES ARE TO BE ADJUSTED TO PROVIDE EACH ZONE THE CORRECT OPERATING PRESSURE REQUIRED FOR THE SPRINKLER HEADS.
- ALL EQUIPMENT SHALL BE INSTALLED PER SPECIFICATIONS AND DETAILS SHOWN ON THE PLANS.
- ALL ELECTRICAL WORK WITH POWER OVER 24 VOLTS SHALL BE PERFORMED BY A LICENSED STATE OF WASHINGTON ELECTRICIAN.
- FROM EACH CONTROLLER SPARE YELLOW WIRES SHALL BE DRAWN TO THE LAST REMOTE CONTROL VALVES. TWO (2) SPARE YELLOW WIRES FROM CONTROLLER "A" TO A1 AND A6. FROM CONTROLLER "B" TO B3. YELLOW WIRES ARE TO BE VISIBLE INSIDE ALL VALVE BOXES.
- ADJUST ALL SPRINKLER HEAD RADIUS SO THAT THE SPRINKLER HEAD SPRAY PATTERN LIMITS WATER ON ALL HARD SURFACES.



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IRRIGATION LEGEND, NOTES AND DETAILS

L2.7
163 OF 163

CONT/CONS: 070770
M. ID: 201020.01
PHASE: BID SET

TOWNSHIP: 21N RANGE: 3E SECTION: 36
DAT-HRZ: W83-SF VERT: PORT OF TACOMA BM#
PARCEL: MULTIPLE DRAWING SCALE: AS SHOWN