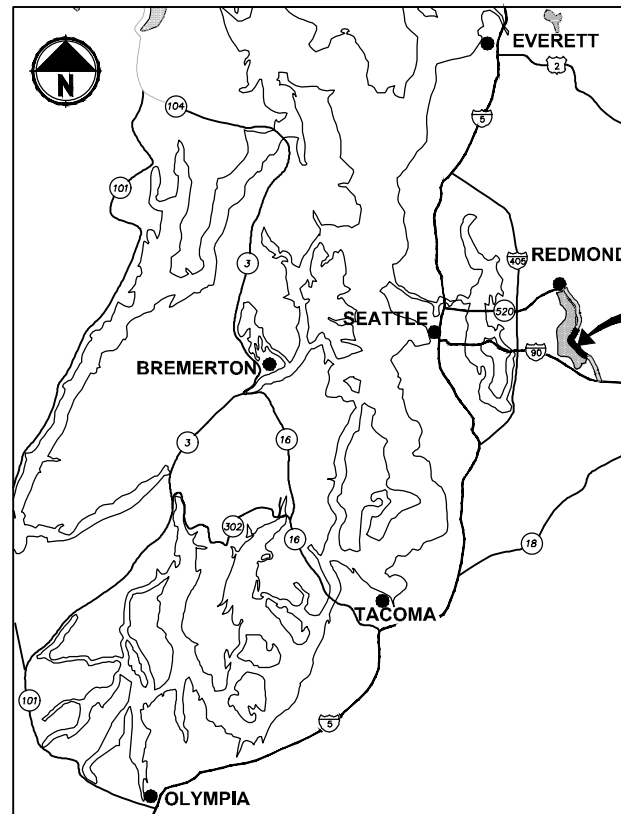


East Lake Sammamish Master Plan Trail, South Sammamish Segment B

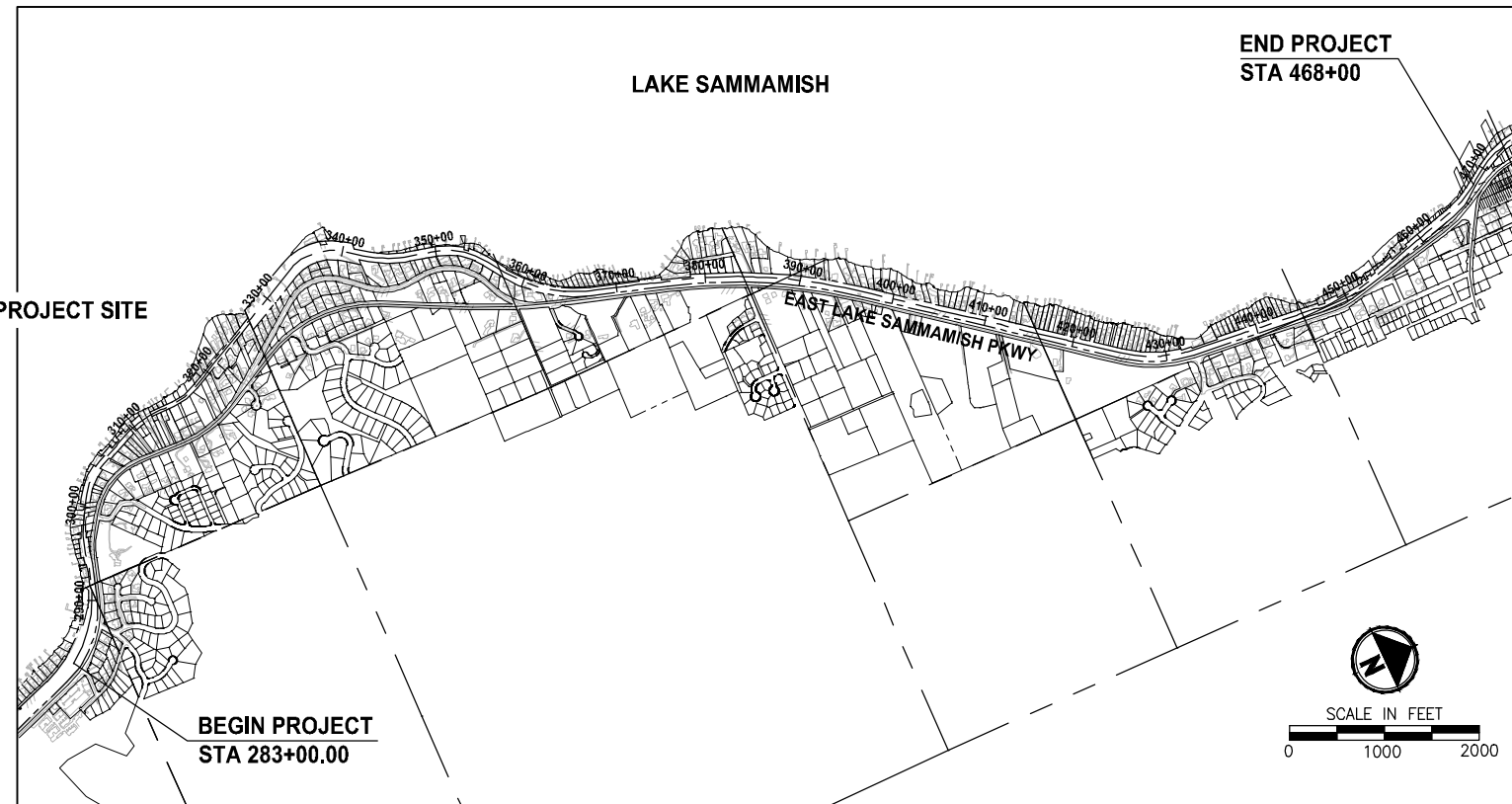
SE 33rd Street to Inglewood Hill Road

King County, Washington

CONTRACT NO. XX



LOCATION MAP
NOT TO SCALE



VICINITY MAP

RIGHT OF WAY NOTE:

RIGHT OF WAY LINES SHOWN ARE BASED ON KING COUNTY MAP VAULT SURVEY OF EAST LAKE SAMMAMISH TRAIL, MAP NUMBER 311-99, DATED AUGUST 8TH, 1998, WITH SUBSEQUENT CONVEYANCES AND EASEMENTS BEING UPDATED ACCORDING TO AUDITOR DOCUMENTS OF RECORD.

PROPERTY INFORMATION:

PARCEL NUMBERS:	ACRES
2925069007	(11.13 ACRES)
082406-9214	(9.16 ACRES)
072406-9119	(0.08 ACRE)
072406-9039	(0.22 ACRE)
072406-9040	(0.12 ACRE)
072406-9036	(0.27 ACRE)
406510-0005	(0.48 ACRE)
406510-0011	(0.10 ACRE)
072406-9033	(0.27 ACRE)
322506-9015	(13.79 ACRES)
062406-9013	(15.19 ACRES)
072406-9004	(2.16 ACRES)

PROJECT & SITE INFORMATION:

KING COUNTY PROPOSES TO DEVELOP AN ALTERNATIVE TRANSPORTATION CORRIDOR AND RECREATION TRAIL ALONG 3.5 MILES OF A FORMER RAILROAD CORRIDOR IN THE CITY OF SAMMAMISH, LOCATED BETWEEN ISSAQUAH/SAMMAMISH CITY LIMIT AND INGLEWOOD HILL ROAD. A GRAVEL INTERIM TRAIL IS CURRENTLY IN OPERATION.

DISTURBED AREA = 9.5 AC
 EXISTING IMPERVIOUS AREA = 5.3 AC
 PROPOSED IMPERVIOUS AREA = 8.4 AC
 VOLUME OF ESTIMATED FILL = 4,300 CY
 VOLUME OF ESTIMATED EXCAVATION = 7,000 CY

WRITTEN DESCRIPTION OF THE PROJECT:

THE EXISTING GRAVEL TRAIL WILL BE WIDENED TO 12 FEET AND PAVED WITH 2-FOOT GRAVEL SHOULDERS ON BOTH SIDES.

THE PROPOSED IMPROVEMENTS INCLUDE RETAINING WALLS, DRAINAGE IMPROVEMENTS, FENCE, SIGNS AND MITIGATION FOR IMPACTS TO WETLANDS AND WETLAND AND STREAM BUFFERS.

EXISTING ZONE CLASSIFICATION:

COMMUNITY FACILITIES CF-F

EXISTING SHORELINE ENVIRONMENT DESIGNATION:

CITY OF SAMMAMISH DESIGNATION: SHORELINE RESIDENTIAL

GENERAL PURPOSE OF THIS PROJECT:

TO DEVELOP AN ALTERNATIVE TRANSPORTATION CORRIDOR IN A FORMER RAILROAD CORRIDOR.

CONTACT INFORMATION:

APPLICANT:
 KING COUNTY PARKS AND RECREATION DIVISION
 201 S. JACKSON, 7TH FLR
 SEATTLE, WA 98104
 (206) 263-7283
 CONTACT: GINA AULD

SURVEYOR:
 PARAMETRIX
 719 2ND AVENUE
 SUITE 200
 SEATTLE, WA 98104
 (206) 394-3700
 CONTACT: DANIEL THIBODEAU

OWNER:
 KING COUNTY PARKS AND RECREATION DIVISION

ARBORIST:
 AMERICAN FOREST MANAGEMENT, INC
 11415 NE 128TH ST SUITE 110
 KIRKLAND, WA 98034
 (425) 820-3420
 CONTACT: BOB LAYTON

ENGINEER:
 PARAMETRIX
 719 2ND AVENUE
 SUITE 200
 SEATTLE, WA 98104
 (206) 394-3700
 CONTACT: YAMMIE HO, P.E.

UTILITY:
 ONE-CALL 1 (800) 424-5555

SAMMAMISH PLATEAU WATER AND SEWER DISTRICT
 (425) 392-6256 EXT. 203
 CONTACT: KYLE WONG

NORTHEAST SAMMAMISH SEWER AND WATER DISTRICT
 (425) 868-1144
 CONTACT: ART PRIMEAU

COMCAST CABLE
 (425) 867-7433
 CONTACT: DAVID RURROWS

FRONTIER COMMUNICATIONS NW INC.
 HOTLINE 1 (800) 921-8101

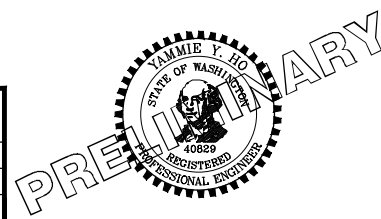
PUGET SOUND ENERGY
 (POWER AND GAS)
 (425) 462-3727
 CONTACT: REBECCA NICHOLAS

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
 NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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 FILE NAME: BL1521075P19T03G-01
 JOB No.: 554-1521-075 P19 T03
 DATE: JULY 2017



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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

COVER SHEET

SHEET NO.
 1 OF 158
G1

LAYOUT: G1
 PATH: U:\PSC\Projects\Clients\1521-075-ELST\995\ca\00\Phase 19\T03_Civil\Draw\

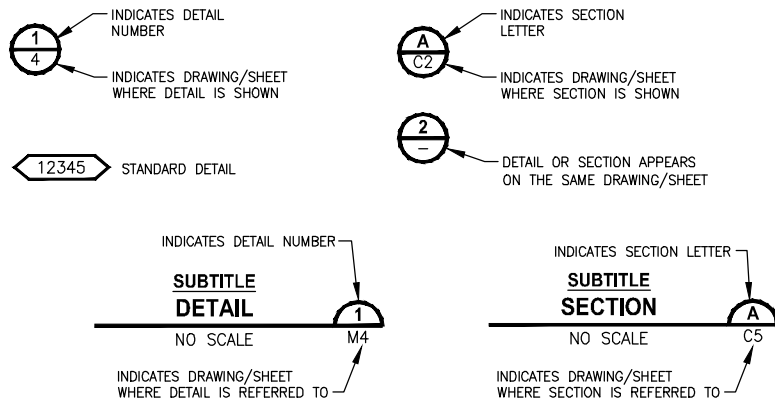
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LAYOUT: 02 PATH: U:\PSC\Projects\Clients\1521-KingCo\554-1521-075-ELST\995\cs\CADD\Phase 19_T03_Civil\Draw\ PLOTTED BY: purgabat DATE: Monday, July 10, 2017 1:06:51 PM

ABBREVIATIONS:

ACP	ASPHALT CONCRETE PAVEMENT	N	NORTH, NORTHING
BOC	BACK OF CURB	N.I.C.	NOT IN CONTRACT
BOW	BOTTOM OF WALL	NST	NOT STEEPER THAN
BVCE	BEGIN VERTICAL CURVE ELEVATION	PC	POINT OF CURVE
BVCS	BEGIN VERTICAL CURVE STATION	PT	POINT OF TANGENT
CB	CATCH BASIN	P/L	PROPERTY LINE
C&G	CURB AND GUTTER	PUD	PUBLIC UTILITY DISTRICT
C/L	CENTERLINE	PVI	POINT OF VERTICAL INTERSECTION
CONC	CONCRETE	REINF	REINFORCED
CONST	CONSTRUCTION	ROW or R/W	RIGHT-OF-WAY
CMP	CORRUGATED METAL PIPE	SD	STORM DRAIN
CP	CONCRETE PIPE	SDMH	STORMWATER MANHOLE
CSTC	CRUSHED SURFACING TOP COURSE	SIM	SIMILAR
DIA	DIAMETER	SS	SANITARY SEWER
DI, DIP	DUCTILE IRON PIPE	ST	STEEL
E	EAST, EASTING	STA	STATION
EOA	EDGE OF ASPHALT	TEL	TELEPHONE
EVCE	END VERTICAL CURB ELEVATION	TESC	TEMPORARY EROSION AND SEDIMENT CONTROL
EVCS	END VERTICAL CURB STATION	TOW	TOP OF WALL
EOG	EDGE OF GRAVEL	TYP	TYPICAL
EOP	EDGE OF PAVEMENT	W	WATER
EX, EXIST	EXISTING	WS	WATER SERVICE
FOC	FACE OF CURB	WSDOT	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
FL	FLANGE, FLOWLINE	WWM	WELDED WIRE MESH
G	GAS		
GB	GRADE BREAK		
HMA	HOT MIX ASPHALT		
IE	INVERT ELEVATION		
LF	LINEAR FEET		
LP	LOW POINT		
LT	LEFT		
ME	MATCH EXISTING		
MIN	MINIMUM		
MON	MONUMENT		

DETAIL AND SECTION DESIGNATION



DWG NO.	SHT NO.	SHEET TITLE
GENERAL		
1	G1	COVER SHEET
2	G2	ABBREVIATIONS AND SHEET LIST
3	G3	SHEET INDEX
4	G4	LEGEND
5	G5	SURVEY CONTROL PLAN
6	G6	SURVEY CONTROL PLAN
7	G7	SURVEY CONTROL PLAN
8	G8	SURVEY CONTROL PLAN
EXISTING CONDITIONS		
9	EX1	EXISTING CONDITIONS PLAN
10	EX2	EXISTING CONDITIONS PLAN
11	EX3	EXISTING CONDITIONS PLAN
12	EX4	EXISTING CONDITIONS PLAN
13	EX5	EXISTING CONDITIONS PLAN
14	EX6	EXISTING CONDITIONS PLAN
15	EX7	EXISTING CONDITIONS PLAN
16	EX8	EXISTING CONDITIONS PLAN
17	EX9	EXISTING CONDITIONS PLAN
18	EX10	EXISTING CONDITIONS PLAN
19	EX11	EXISTING CONDITIONS PLAN
20	EX12	EXISTING CONDITIONS PLAN
21	EX13	EXISTING CONDITIONS PLAN
22	EX14	EXISTING CONDITIONS PLAN
23	EX15	EXISTING CONDITIONS PLAN
24	EX16	EXISTING CONDITIONS PLAN
25	EX17	EXISTING CONDITIONS PLAN
26	EX18	EXISTING CONDITIONS PLAN
27	EX19	EXISTING CONDITIONS PLAN
28	EX20	EXISTING CONDITIONS PLAN
29	EX21	EXISTING CONDITIONS PLAN
TYPICAL CROSS SECTIONS		
30	CS1	TYPICAL CROSS SECTIONS
31	CS2	TYPICAL CROSS SECTIONS
32	CS3	TYPICAL CROSS SECTIONS
TESC PLAN		
33	TE1	TESC PLAN
34	TE2	TESC PLAN
35	TE3	TESC PLAN
36	TE4	TESC PLAN
37	TE5	TESC PLAN
38	TE6	TESC PLAN
39	TE7	TESC PLAN
40	TE8	TESC PLAN
41	TE9	TESC PLAN
42	TE10	TESC PLAN
43	TE11	TESC PLAN
44	TE12	TESC PLAN
45	TE13	TESC PLAN
46	TE14	TESC PLAN
47	TE15	TESC PLAN
48	TE16	TESC PLAN
49	TE17	TESC PLAN
50	TE18	TESC PLAN
51	TE19	TESC PLAN
52	TE20	TESC PLAN
53	TE21	TESC PLAN

DWG NO.	SHT NO.	SHEET TITLE
TRAIL PLAN & PROFILE		
54	AL1	PLAN AND PROFILE
55	AL2	PLAN AND PROFILE
56	AL3	PLAN AND PROFILE
57	AL4	PLAN AND PROFILE
58	AL5	PLAN AND PROFILE
59	AL6	PLAN AND PROFILE
60	AL7	PLAN AND PROFILE
61	AL8	PLAN AND PROFILE
62	AL9	PLAN AND PROFILE
63	AL10	PLAN AND PROFILE
64	AL11	PLAN AND PROFILE
65	AL12	PLAN AND PROFILE
66	AL13	PLAN AND PROFILE
67	AL14	PLAN AND PROFILE
68	AL15	PLAN AND PROFILE
69	AL16	PLAN AND PROFILE
70	AL17	PLAN AND PROFILE
71	AL18	PLAN AND PROFILE
72	AL19	PLAN AND PROFILE
73	AL20	PLAN AND PROFILE
74	AL21	PLAN AND PROFILE
75	AL22	PLAN AND PROFILE
76	AL23	PLAN AND PROFILE
77	AL24	PLAN AND PROFILE
78	AL25	PLAN AND PROFILE
79	AL26	PLAN AND PROFILE
80	AL27	PLAN AND PROFILE
81	AL28	PLAN AND PROFILE
82	AL29	PLAN AND PROFILE
83	AL30	PLAN AND PROFILE
84	AL31	PLAN AND PROFILE
85	AL32	PLAN AND PROFILE
86	AL33	PLAN AND PROFILE
87	AL34	PLAN AND PROFILE
88	AL35	PLAN AND PROFILE
89	AL36	PLAN AND PROFILE
90	AL37	PLAN AND PROFILE
91	AL38	PLAN AND PROFILE
92	AL39	PLAN AND PROFILE
STORM DRAIN PROFILES		
93	SD1	STORM DRAIN PROFILES AND SECTIONS
94	SD2	STORM DRAIN PROFILES AND SECTIONS
95	SD3	STORM DRAIN PROFILES AND SECTIONS
DRAINAGE DETAILS		
96	DD1	DRAINAGE DETAILS
97	DD2	DRAINAGE DETAILS
FISH PASSAGE CULVERTS		
98	FP1	FISH PASSAGE CULVERTS
99	FP2	FISH PASSAGE CULVERTS
100	FP3	FISH PASSAGE CULVERTS
101	FP4	FISH PASSAGE CULVERTS
102	FP5	FISH PASSAGE CULVERTS
103	FP6	FISH PASSAGE CULVERTS
104	FP7	FISH PASSAGE CULVERTS
105	FP8	FISH PASSAGE CULVERTS

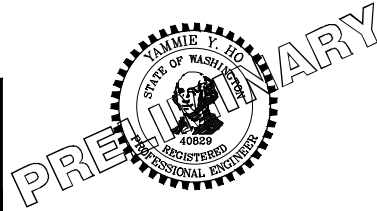
DWG NO.	SHT NO.	SHEET TITLE
DRIVEWAY PLAN AND PROFILE		
106	DP1	DRIVEWAY PLAN AND PROFILE
107	DP2	DRIVEWAY PLAN AND PROFILE
108	DP3	DRIVEWAY PLAN AND PROFILE
109	DP4	DRIVEWAY PLAN AND PROFILE
110	DP5	DRIVEWAY PLAN AND PROFILE
111	DP6	DRIVEWAY PLAN AND PROFILE
112	DP7	DRIVEWAY PLAN AND PROFILE
113	DP8	DRIVEWAY PLAN AND PROFILE
114	DP9	DRIVEWAY PLAN AND PROFILE
115	DP10	DRIVEWAY PLAN AND PROFILE
116	DP11	DRIVEWAY PLAN AND PROFILE
117	DP12	DRIVEWAY PLAN AND PROFILE
WALL PROFILES		
118	WP1	WALL PROFILES
119	WP2	WALL PROFILES
120	WP3	WALL PROFILES
121	WP4	WALL PROFILES
122	WP5	WALL PROFILES
123	WP6	WALL PROFILES
124	WP7	WALL PROFILES
125	WP8	WALL PROFILES
126	WP9	WALL PROFILES
127	WP10	WALL PROFILES
STRUCTURE		
128	S1	WALL #3 SOLDIER PILE WALL
129	S2	WALL #3 SOLDIER PILE WALL
130	S3	WALL #6 SOLDIER PILE WALL
131	S4	WALL #6 SOLDIER PILE WALL
132	S5	SOLDIER PILE WALL DETAILS
133	S6	SOLDIER PILE WALL DETAILS
MISCELLANEOUS DETAILS		
134	MD1	MISCELLANEOUS DETAILS
MITIGATION		
135	LA1	LANDSCAPE PLAN
136	LA2	LANDSCAPE PLAN
137	LA3	LANDSCAPE PLAN
138	LA4	LANDSCAPE PLAN
139	LA5	LANDSCAPE PLAN
140	LA6	LANDSCAPE PLAN
141	LA7	LANDSCAPE PLAN
142	LA8	LANDSCAPE PLAN
143	LA9	LANDSCAPE PLAN
144	LA10	LANDSCAPE PLAN
145	LA11	LANDSCAPE PLAN
146	LA12	LANDSCAPE PLAN
147	LA13	LANDSCAPE PLAN
148	LA14	LANDSCAPE PLAN
149	LA15	LANDSCAPE PLAN
150	LA16	LANDSCAPE PLAN
151	LA17	LANDSCAPE PLAN
152	LA18	LANDSCAPE PLAN
153	LA19	LANDSCAPE PLAN
154	LA20	LANDSCAPE PLAN
155	LA21	LANDSCAPE PLAN
156	LA22	MITIGATION PLANTING DETAILS
157	LA23	MITIGATION NOTES
158	LA24	MITIGATION NOTES

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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 FILE NAME: BL1521075P19T03G-02
 JOB No: 554-1521-075 P19 T03
 DATE: JULY 2017



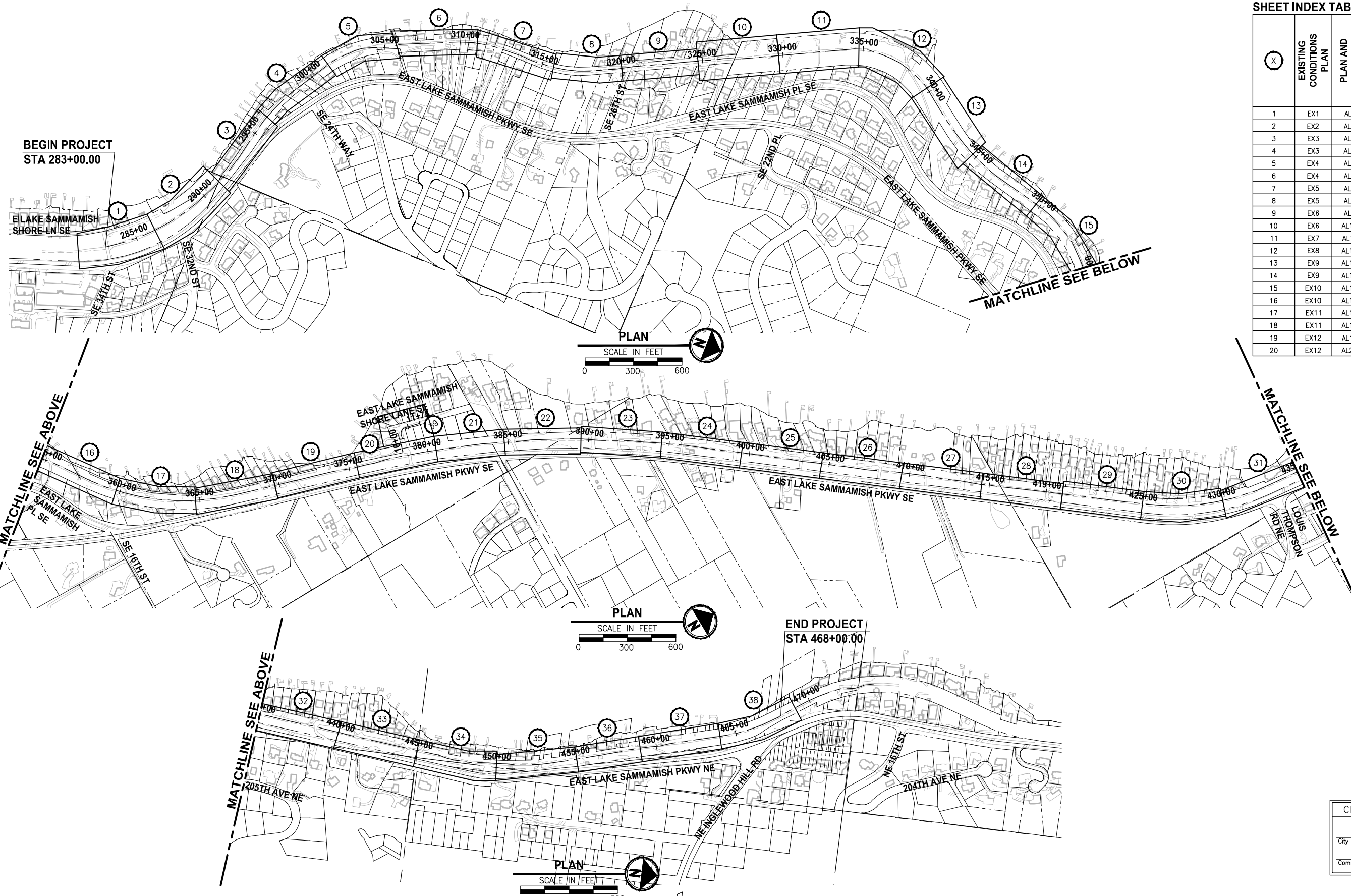
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

ABBREVIATIONS AND SHEET LIST

SHEET NO.
2 OF 158
G2

LAYOUT: G3
 PATH: U:\PSS\Projects\Clients\1521-075-ELST\995\CAADD\Phase 19\T03_Civil\Draws\ PLOTTED BY: purgaban DATE: Friday, July 07, 2017 4:36:22 PM



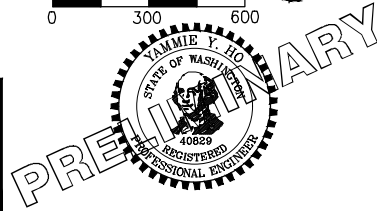
(X)	EXISTING CONDITIONS PLAN	PLAN AND PROFILE	(X)	EXISTING CONDITIONS PLAN	PLAN AND PROFILE
1	EX1	AL1	21	EX13	AL21
2	EX2	AL2	22	EX13	AL22
3	EX3	AL3	23	EX14	AL23
4	EX3	AL4	24	EX14	AL24
5	EX4	AL5	25	EX15	AL25
6	EX4	AL6	26	EX15	AL26
7	EX5	AL7	27	EX16	AL27
8	EX5	AL8	28	EX16	AL28
9	EX6	AL9	29	EX17	AL29
10	EX6	AL10	30	EX17	AL30
11	EX7	AL11	31	EX18	AL31
12	EX8	AL12	32	EX18	AL32
13	EX9	AL13	33	EX19	AL33
14	EX9	AL14	34	EX19	AL34
15	EX10	AL15	35	EX20	AL35
16	EX10	AL16	36	EX20	AL36
17	EX11	AL17	37	EX21	AL37
18	EX11	AL18	38	EX21	AL38
19	EX12	AL19			
20	EX12	AL20			

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

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REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

SHEET INDEX

SHEET NO.
 3 OF 158
G3

LAYOUT: G4
 PATH: U:\PSC\Projects\Clients\1521-075-ELST\995\CAADD\Phase 19 T03 Civil\Draw\ PLOTTED BY: purgaban DATE: Friday, July 07, 2017 4:36:41 PM

LEGEND

DESCRIPTION	PROPOSED	EXISTING
RIGHT OF WAY		R/W
PROPERTY LINE		P/L
FOUND MONUMENTS		⊕ ⊗
REBAR & CAP		⊙
HUB & TACK		□
PK NAIL		×
FOUND MAG NAIL		+
SET MAG NAIL		+
PROPERTY CORNER		●
STREAM BUFFER	---	---
STREAM	→→→	→→→
EDGE OF WATER	---	---
WETLAND FLAG		▬
WETLAND BUFFER	---	---
ORDINARY HIGH WATER MARK	---	---
FLOODWAY BOUNDARY	---	---
DITCH	→→→	→→→
JURISDICTIONAL DITCH CENTERLINE & EDGES	→→→	→→→
UNDERDRAIN PIPE	—UD—	—UD—
TEMPORARY DRAIN PIPE	—D—	—D—
STORM DRAIN	—SD—	—SD—
CULVERT/STORM DRAIN PIPE	▬	▬
QUARRY SPALL	⊗	
INFILTRATION TRENCH	▬	
CATCH BASIN, TYPE 1	■	■
CATCH BASIN, TYPE 2	⊙	⊙
CATCH BASIN W/ SOLID LID	⊙	⊙
INLET PROTECTION	⊗	
SANITARY SEWER LINE	---	---
SANITARY SEWER MANHOLE	⊙	⊙
SANITARY SEWER VAULT	⊙	⊙
CLEANOUT	●	⊙
CONTOURS MAJOR	—10—	—10—
CONTOURS MINOR	—2—	—2—
HIGH VISIBILITY SILT FENCE	—X—	
HIGH VISIBILITY FENCE	—X—	
CLEARING AND GRUBBING LIMITS	—CG—	
CLEARING LIMITS	—CLR—	
FILL LINE	---F---	
CUT LINE	---C---	
SAWCUT	▬	
ASPHALT EDGE	▬	
CONCRETE LINE	▬	
CURB AND GUTTER	▬	
EDGE OF PATCH	---	
EDGE OF GRAVEL	---	

LEGEND

DESCRIPTION	PROPOSED	EXISTING
BARB WIRE FENCE	—X—	—X—
SPLIT RAIL FENCE	—//—	—//—
BOARD FENCE	—□—	—□—
CHAIN LINK FENCE	—○—	—○—
TEMPORARY SAFETY FENCE	—/—	
HOG WIRE FENCE	—○—	—○—
WOOD GUARDRAIL	—□—	—□—
GUY ANCHOR	→	
POWER POLE WITH LIGHT	⊙	⊙
FLOOD LIGHT	⊙	⊙
UTILITY POLE	⊙	⊙
PP W/ UG DROP	⊙	⊙
PP W/ UG DROP & XMFR	⊙	⊙
OVERHEAD POWER	—OP—	—OP—
POWER	—P—	—P—
POWER VAULT	▬	▬
POWER TRANSFORMER	▬	▬
POWER MANHOLE	⊙	⊙
POWER HANDHOLE	▬	
POWER CABINET	▬	
POWER RISER	▬	
POWER METER	▬	
SOLID LID J-BOX	▬	
LUMINAIRE	⊙	⊙
TELEPHONE VAULT	▬	
TELEPHONE RISER	▬	
TELEPHONE MANHOLE	▬	
TELEPHONE	—T—	—T—
TV RISER	▬	
TV	—TV—	—TV—
GAS VALVE	⊙	⊙
GAS METER	⊙	⊙
GAS	—G—	—G—
WATER LINE	—W—	—W—
FIRE HYDRANT	⊙	⊙
WATER METER	⊙	⊙
WATER VALVE	⊙	⊙
AREA DRAIN	▬	
ROOF DRAIN	▬	
WATER BLOW OFF VALVE	⊙	⊙
WATER POST INDICATOR	⊙	⊙
SPRINKLER HEAD ROT=90	⊙	⊙
IRRIGATION CONTROL VALVE	▬	
FLOW DIRECTION	→	→

LEGEND

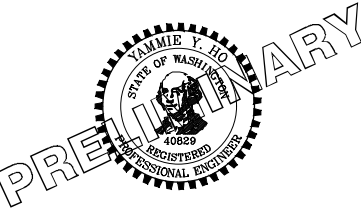
DESCRIPTION	PROPOSED	EXISTING
TRAFFIC SIGNAL POLE W/ LAMP		⊙
TRAFFIC SIGNAL POLE		⊙
TRAFFIC CONTROL LOOP (SQ)		▬
TRAFFIC CONTROL CABINET		▬
PEDESTRIAN POLE		⊙
MONITORING WELL		⊙
SURFACE POST		⊙
SIGN	▬	▬
SKIP LANE LINE		---
SOLID LANE LINE		---
FOG LINE		---
LTO ARROW		→
STO ARROW		←
RTO ARROW		↶
MAILBOX	▬	▬
DECIDUOUS TREE		⊙
CONIFEROUS TREE		⊙
WETLAND SYMBOL		▬
WETLAND BOUNDARY		▬
VEGETATION		▬
STRUCTURAL EARTH WALL	▬	▬
SOLDIER PILE WALL	▬	▬
RIP RAP		▬
ROCKERY	▬	▬
HANDICAPPED SYMBOL		⊙
WHEELCHAIR RAMP		▬
BUILDING LINE		▬
CONCRETE STAIR LINE		▬
WOOD STAIRWAY		▬
REMOVE ASPHALT	▬	
PATTERNED CONCRETE INTERSECTION	▬	
RAMP DETECTABLE WARNING	▬	
RESTORATION PLANTING AREA	▬	
SANDBAG DAM	▬	
CHECK DAM	▬	
WATTLE CHECK DAM	▬	
FORMER RAILROAD CENTERLINE	—220+ RR C/L—	
CONSTRUCTION CENTERLINE	—220+00 A-LINE—	

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

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			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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 JOB No: 554-1521-075 P19 T03
 DATE: JULY 2017



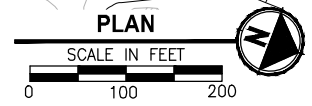
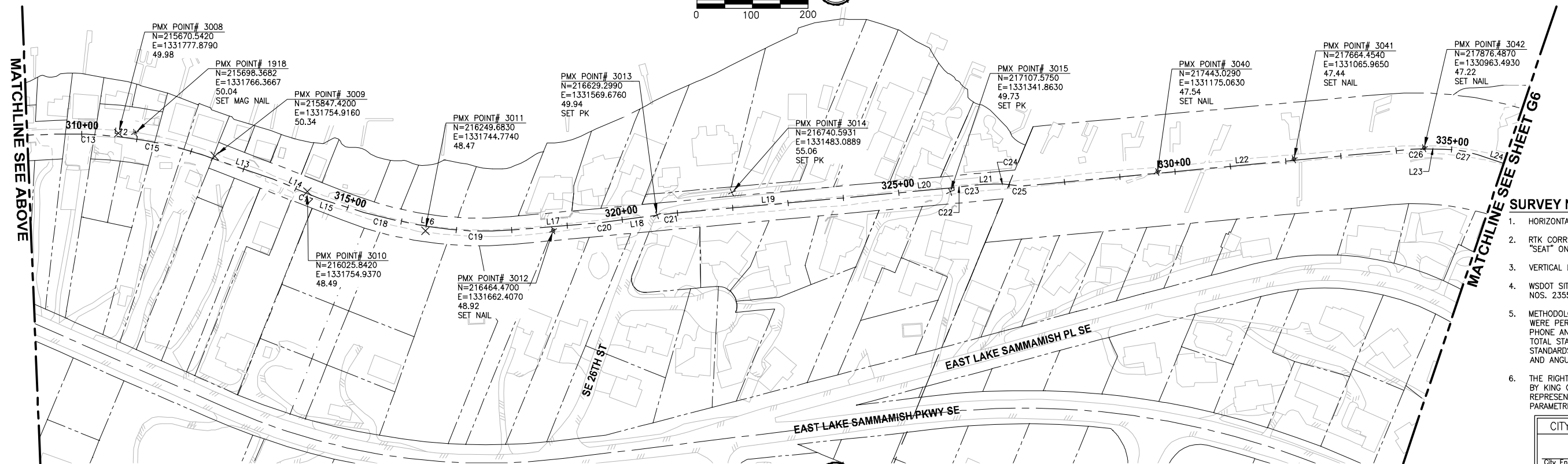
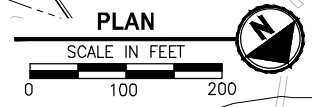
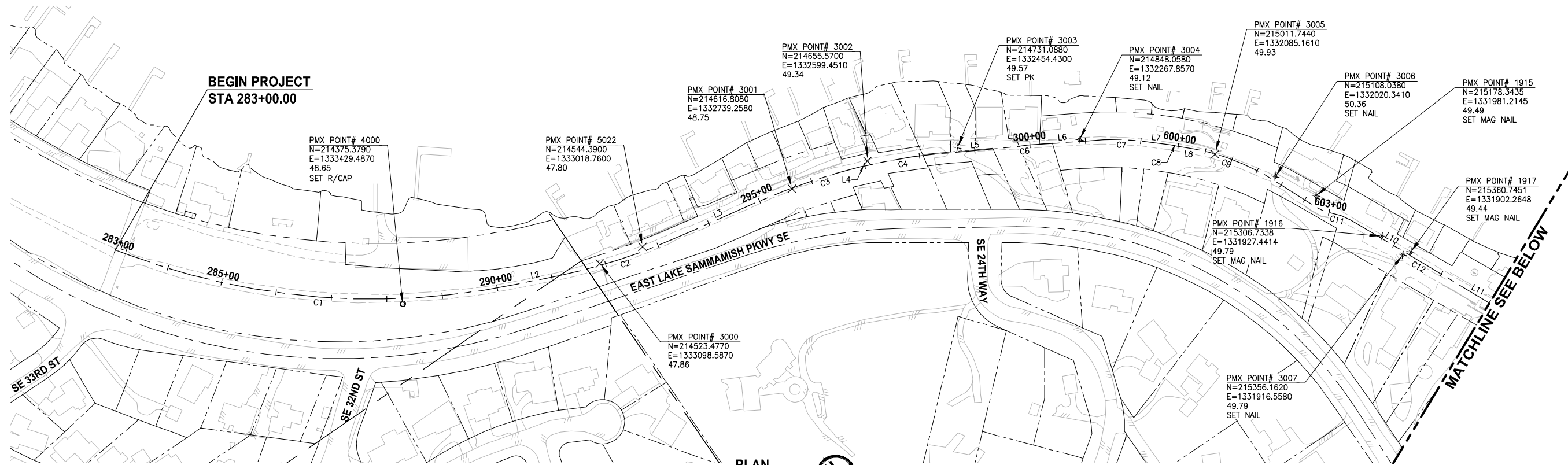
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 P 206.394.3700
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PROJECT NAME:
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

LEGEND

SHEET NO.
 4 OF 158
G4

LAYOUT: G5
 PATH: U:\PSO\Projects\Clients\1521-075-ELST\995\CAADD\Phase 19_T03_Civil\Draw\ PLOTTED BY: purgabat DATE: Friday, July 07, 2017 4:37:37 PM



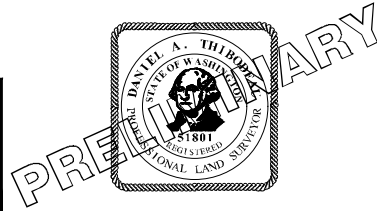
- SURVEY NOTES:**
- HORIZONTAL DATUM: NAD83 (CORS).
 - RTK CORRECTIONS OBTAINED FROM NGS CORS ID POINT "SEAT" ON OCTOBER 3, 2007.
 - VERTICAL DATUM: NAVD88.
 - WSDOT SITE BENCHMARKS HELD FOR THIS SURVEY ARE NOS. 2355, 6762, 6294, AND 617.
 - METHODOLOGY: FIELD MEASUREMENTS FOR THIS SURVEY WERE PERFORMED USING TRIMBLE 5800 RTK WITH CELL PHONE AND LIECA TCR1103 FULL ROBOTIC 3 SECOND TOTAL STATION IN CONFORMANCE WITH ACCEPTED SURVEY STANDARDS AS SPECIFIED BY WAC 332-130 FOR LINEAR AND ANGULAR CLOSURE.
 - THE RIGHT-OF-WAY DIMENSIONS SHOWN WERE PROVIDED BY KING COUNTY SURVEY DATED 1998 AND DO NOT REPRESENT A BOUNDARY SURVEY PERFORMED BY PARAMETRIX, UNLESS OTHERWISE NOTED ON EX SHEETS.

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			S. THOMAS
			DRAWN
			S. THOMAS
			CHECKED
			D. THIBODEAU
			APPROVED
			Y. HO

**ONE INCH AT FULL SCALE,
IF NOT, SCALE ACCORDINGLY**
 FILE NAME
 BL1521075P19T03G-05
 JOB No.
 554-1521-075 P19 T03
 DATE
 JULY 2017



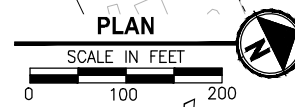
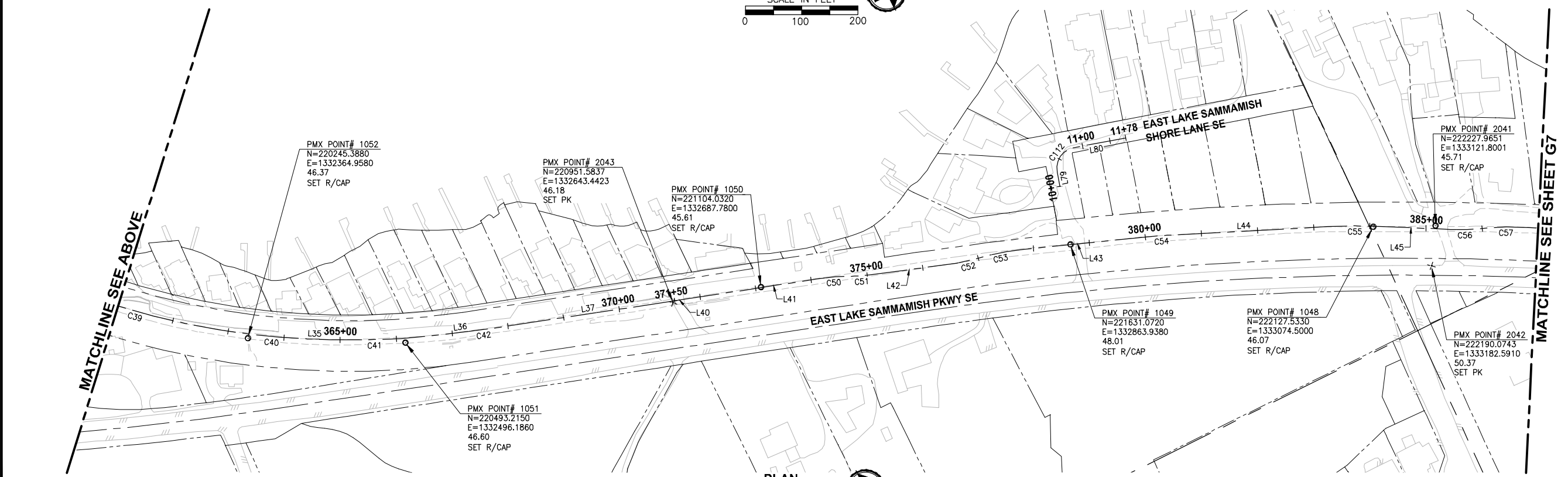
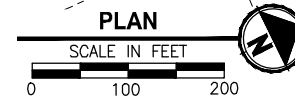
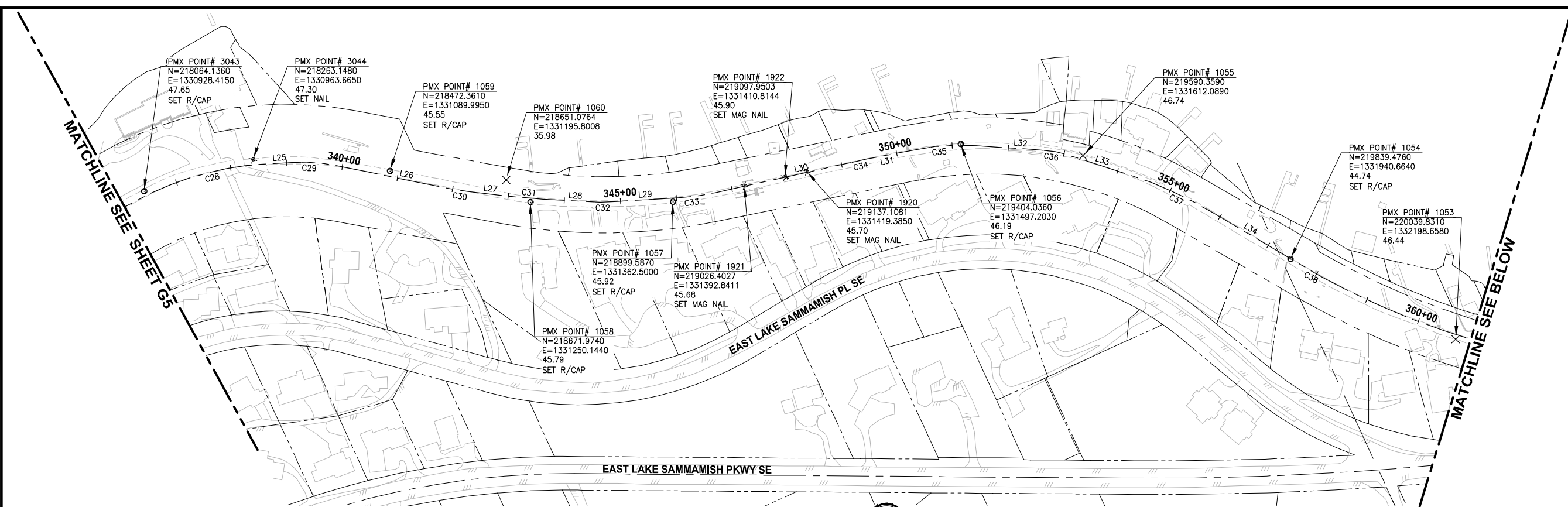
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PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

SURVEY CONTROL PLAN

SHEET NO.
 5 OF 158
G5

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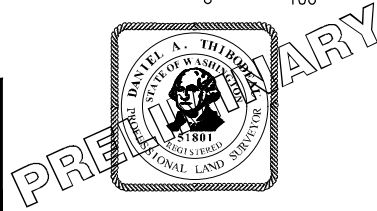


CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

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REVISIONS	DATE	BY	DESIGNED
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			CHECKED
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			APPROVED
			Y. HO

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 FILE NAME: BL1521075P19T03G-05
 JOB No.: 554-1521-075 P19 T03
 DATE: JULY 2017



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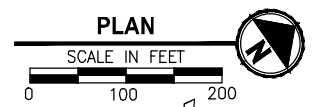
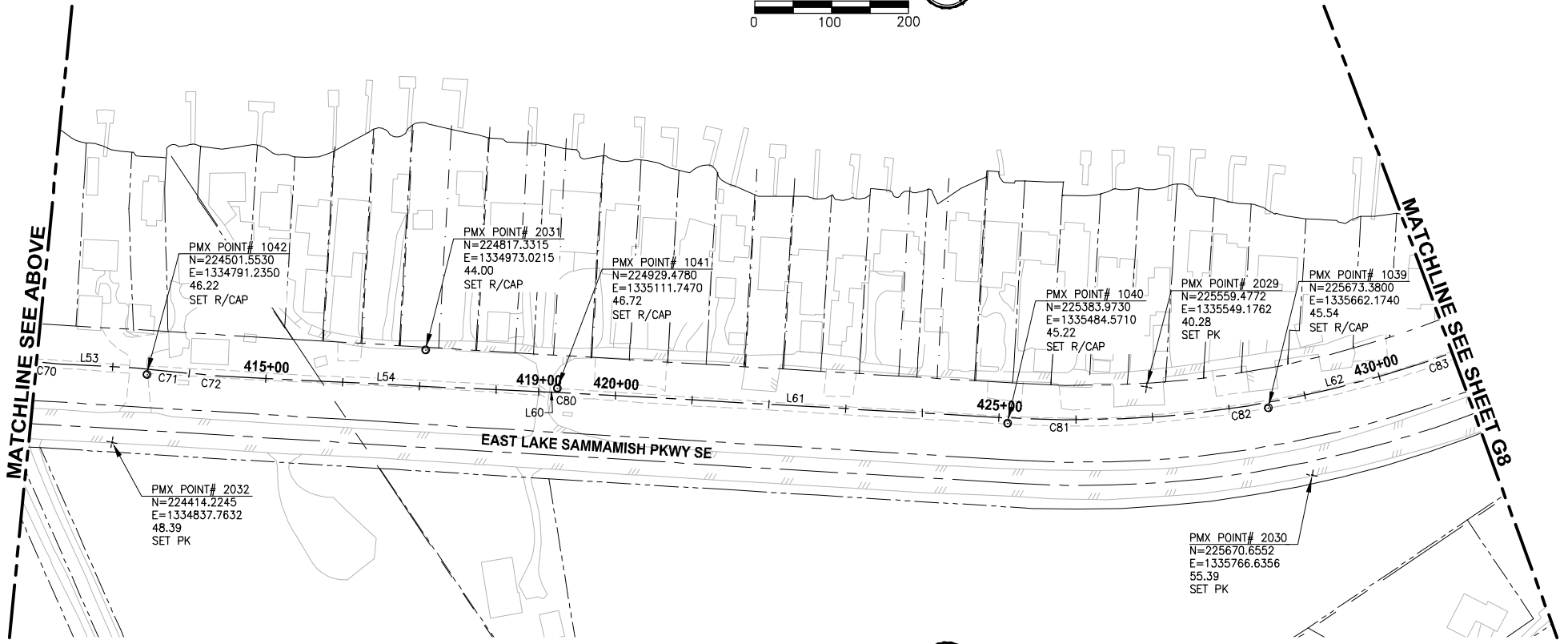
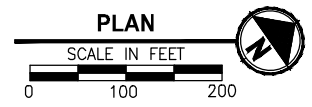
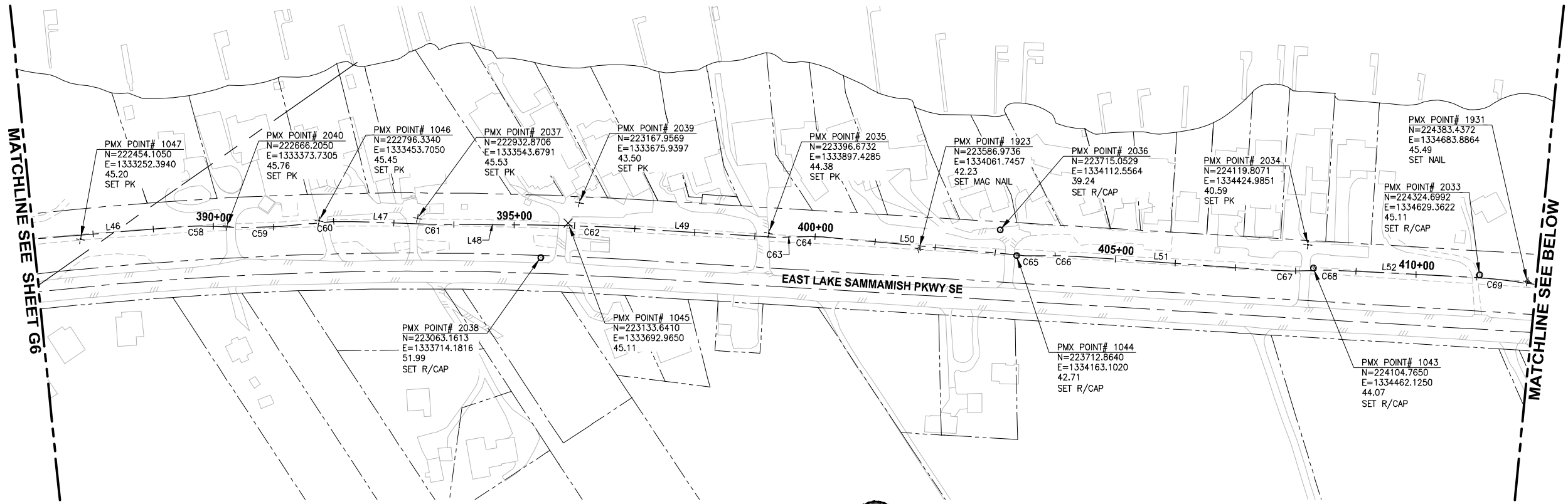
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WWW.PARAMETRIX.COM

PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

SURVEY CONTROL PLAN

SHEET NO.
 6 OF 158
G6

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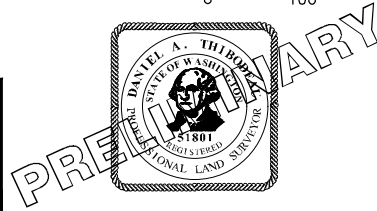


CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

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REVISIONS	DATE	BY	DESIGNED
			S. THOMAS
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			S. THOMAS
			CHECKED
			D. THIBODEAU
			APPROVED
			Y. HO

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 FILE NAME: BL1521075P19T03G-05
 JOB No.: 554-1521-075 P19 T03
 DATE: JULY 2017



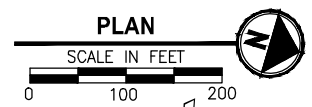
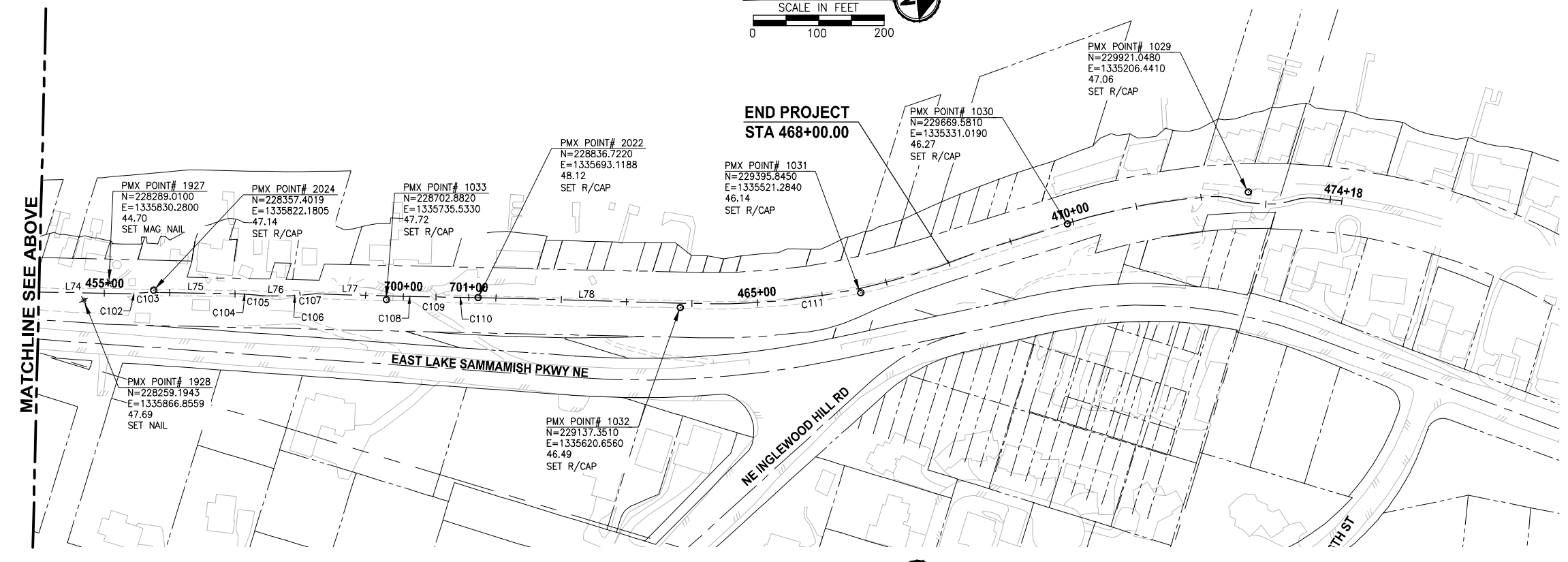
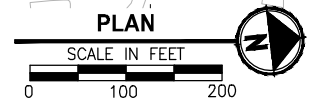
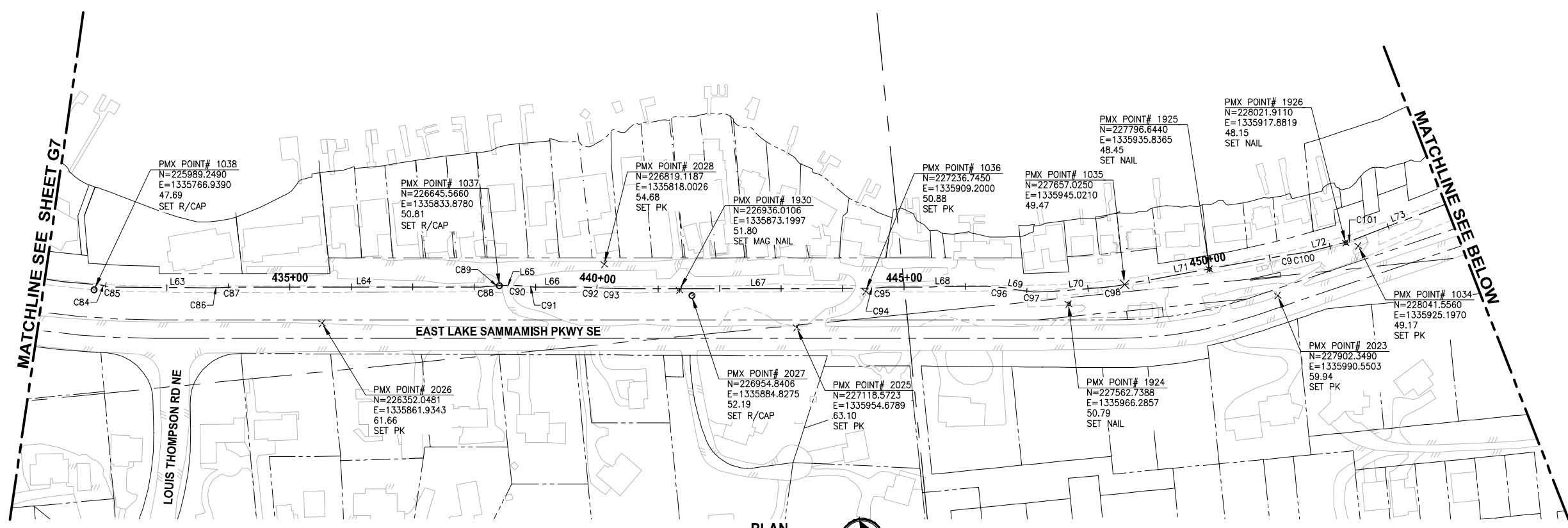
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

SURVEY CONTROL PLAN

SHEET NO.
7 OF 158
G7

LAYOUT: G8 PATH: U:\P\SO\Projects\Clients\1521-075-ELST\955\CA00\Phase 19 T03 Civil\Draw\ PLOTTED BY: purgabat DATE: Friday, July 07, 2017 4:38:37 PM

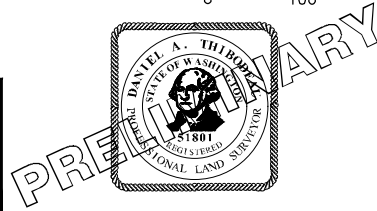


CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

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REVISIONS	DATE	BY	DESIGNED
			S. THOMAS
			S. THOMAS
			D. THIBODEAU
			Y. HO

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 FILE NAME: BL1521075P19T03G-05
 JOB No.: 554-1521-075 P19 T03
 DATE: JULY 2017



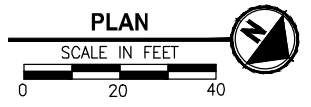
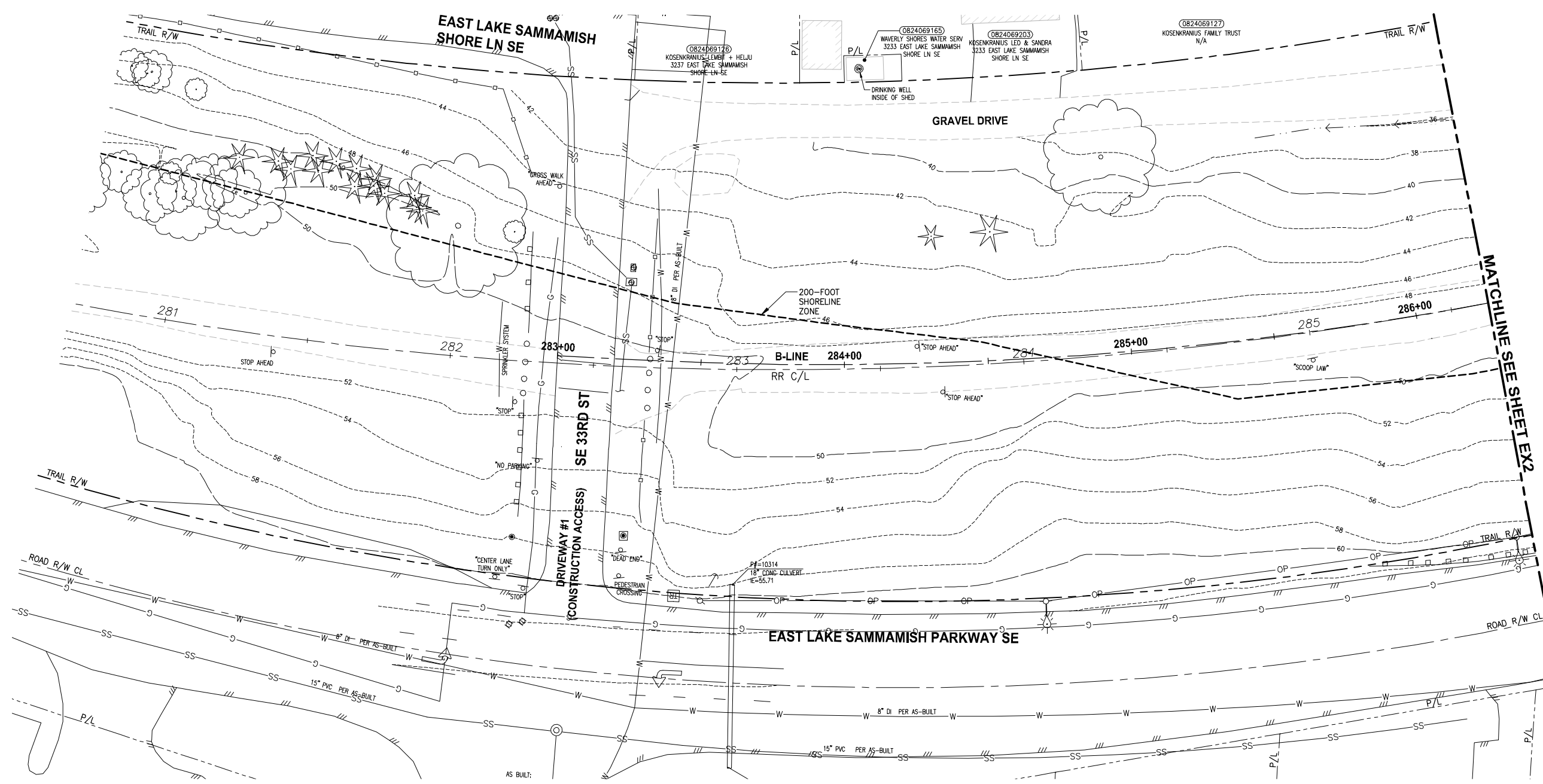
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PROJECT NAME:
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

SURVEY CONTROL PLAN

SHEET NO.
 8 OF 158
G8

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- GENERAL NOTES:**
- SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.
 - THE RAIL ROAD CENTERLINE (RR CL) & R/W LINES SHOWN IS BASED ON THE RIGHT OF WAY DRAWINGS PROVIDED BY KING COUNTY, DATED 1998, UNLESS OTHERWISE NOTED.
 - OUTLINES FOR BUILDING STRUCTURES SHOWN ARE BASED ON GIS AND AERIAL PHOTOS, DATED 2016.
 - NOT ALL HEDGES AND ARBORVITAE ARE INCLUDED IN THE SURVEY.
 - UTILITY INFORMATION IS BASED ON AVAILABLE AS-BUILTS. POT-HOLING INFORMATION HAS NOT BEEN INCORPORATED.
 - MODIFICATIONS WERE DONE TO THE RIGHT OF WAY LIMITS PER SUPPLEMENTAL RECORD DOCUMENTATION AS PROVIDED BY KC.
 - PARCEL LINES WERE UPDATED PER GIS INFORMATION PROVIDED BY COUNTY, DATED 2016.

LEGEND:

FORMER RAILROAD CENTERLINE	—+—	220	RR C/L
CONSTRUCTION CENTERLINE	—+—	220+00	B-LINE

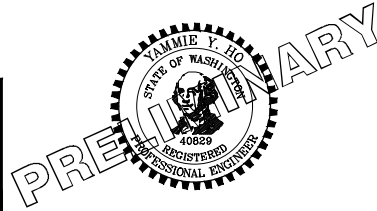
MATCHLINE - SEE SHEET EX2

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P19T03EX-01
 JOB No.: 54-1521-075 P19 T03
 DATE: JULY 2017



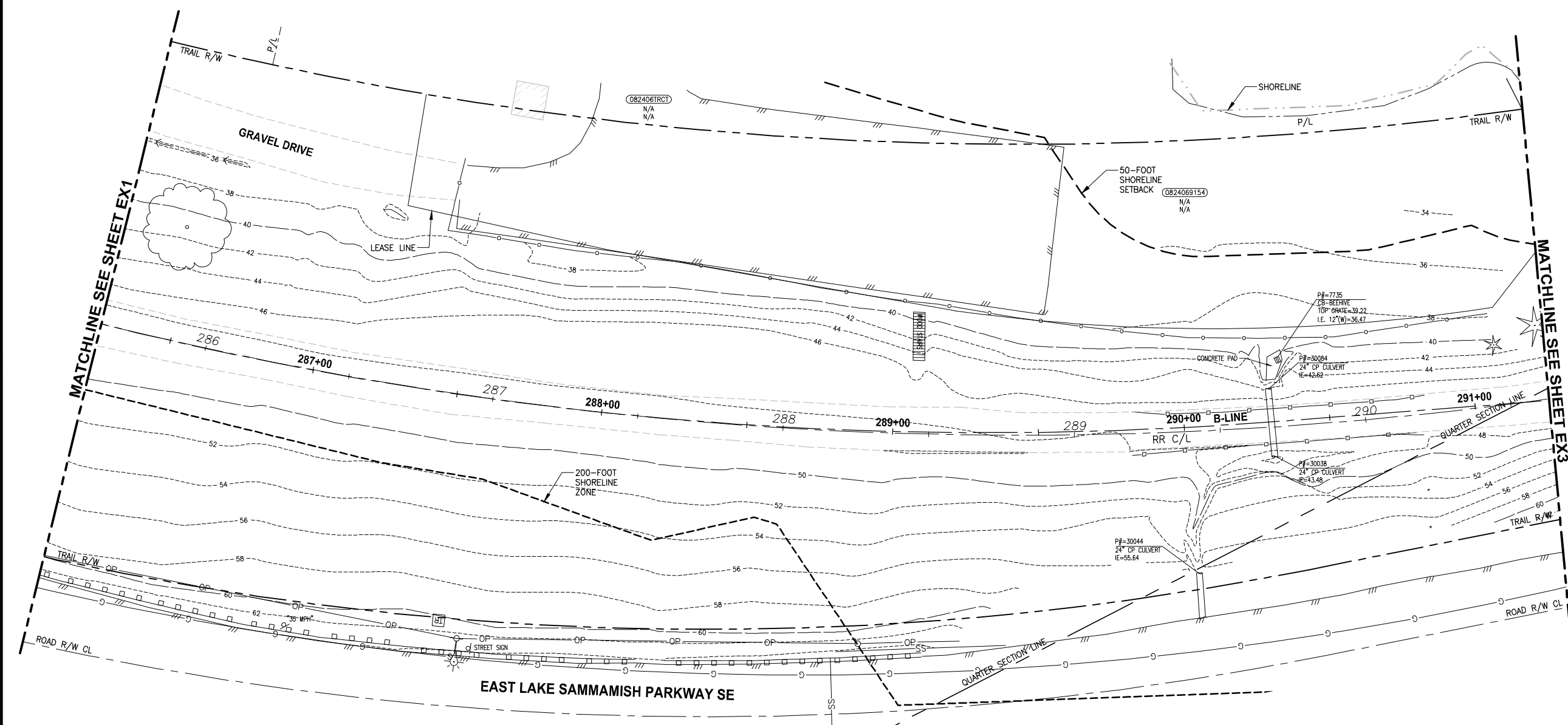
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PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

EXISTING CONDITIONS PLAN

SHEET NO.
 9 OF 158
EX1

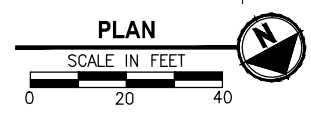
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- GENERAL NOTES:**
- SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.
 - THE RAIL ROAD CENTERLINE (RR CL) & R/W LINES SHOWN IS BASED ON THE RIGHT OF WAY DRAWINGS PROVIDED BY KING COUNTY, DATED 1998, UNLESS OTHERWISE NOTED.
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 - PARCEL LINES WERE UPDATED PER GIS INFORMATION PROVIDED BY COUNTY, DATED 2016.

LEGEND:

FORMER RAILROAD CENTERLINE	220	RR C/L
CONSTRUCTION CENTERLINE	220+00	B-LINE



CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

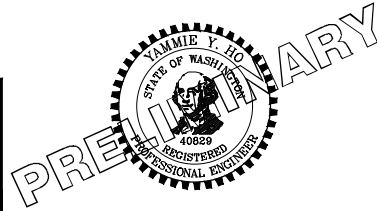
REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME
BL1521075P19T03EX-01

JOB No.
554-1521-075 P19 T03

DATE
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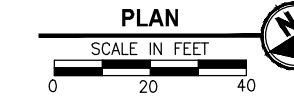
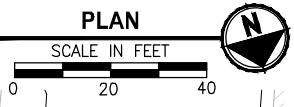
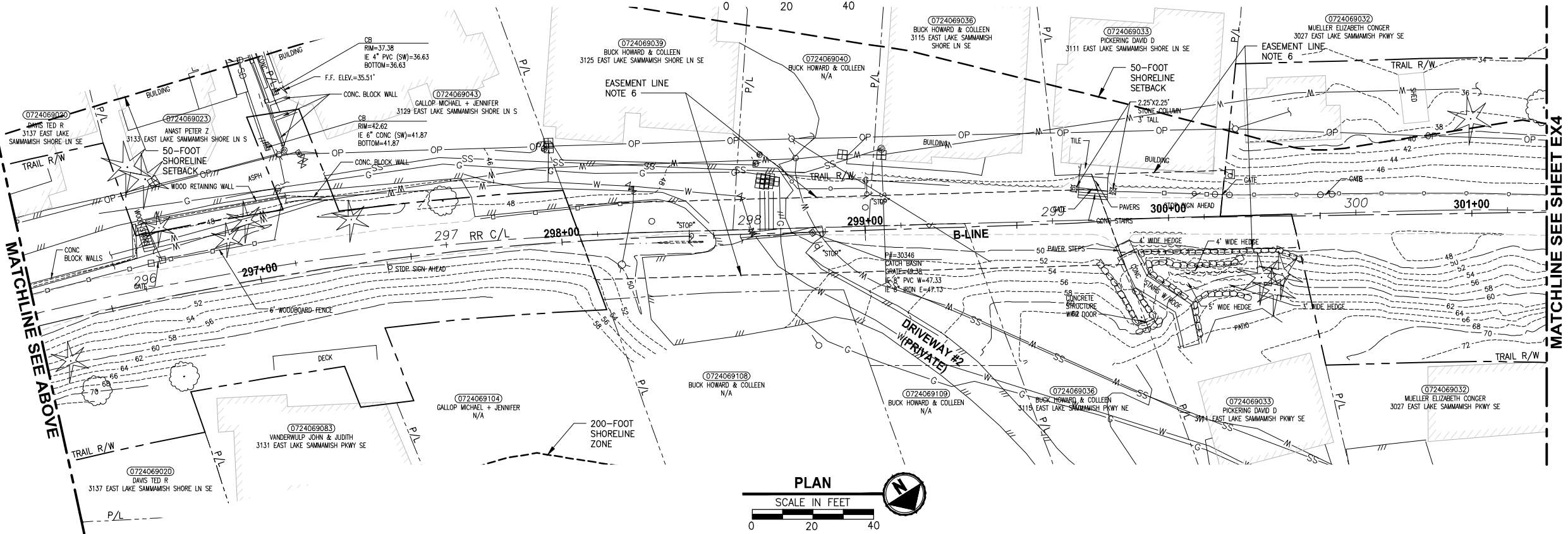
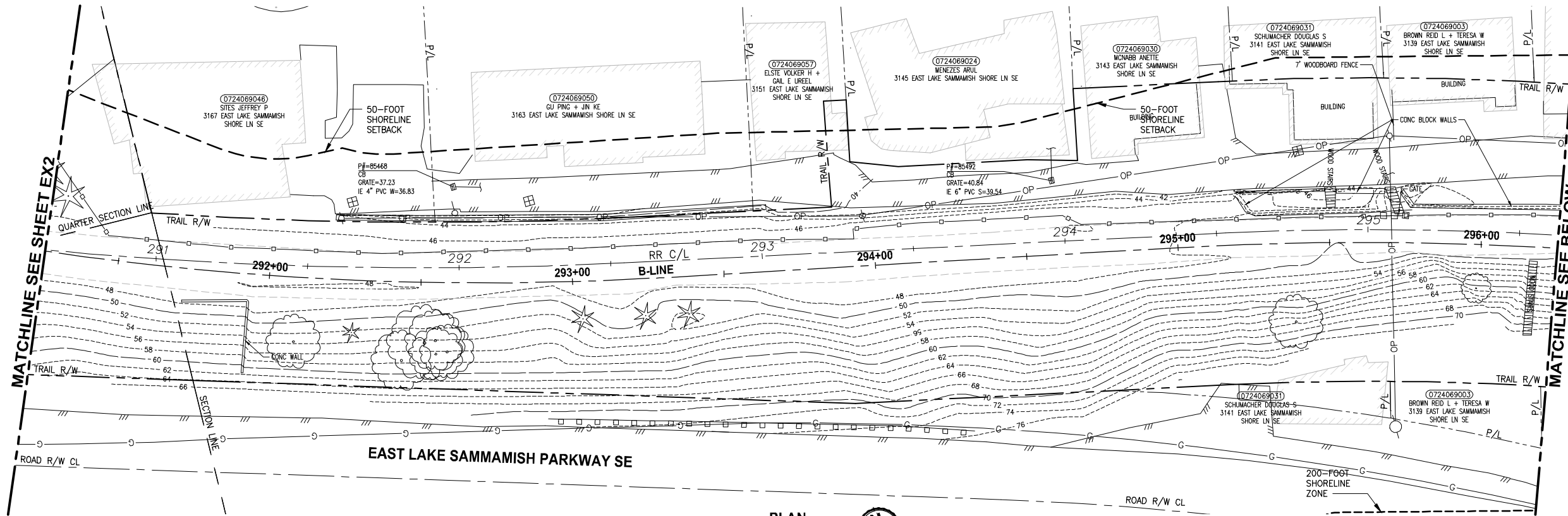
PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

EXISTING CONDITIONS PLAN

SHEET NO.
10 OF 158

EX2

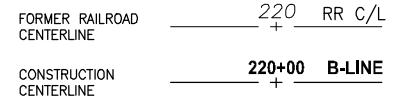
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GENERAL NOTES:

- SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.
- THE RAIL ROAD CENTERLINE (RR CL) & R/W LINES SHOWN IS BASED ON THE RIGHT OF WAY DRAWINGS PROVIDED BY KING COUNTY, DATED 1998, UNLESS OTHERWISE NOTED.
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LEGEND:

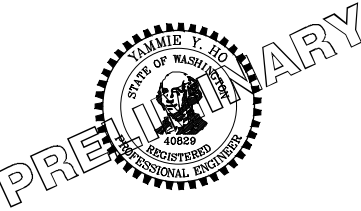


CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
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REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P19T03EX-01
 JOB No.: 554-1521-075 P19 T03
 DATE: JULY 2017

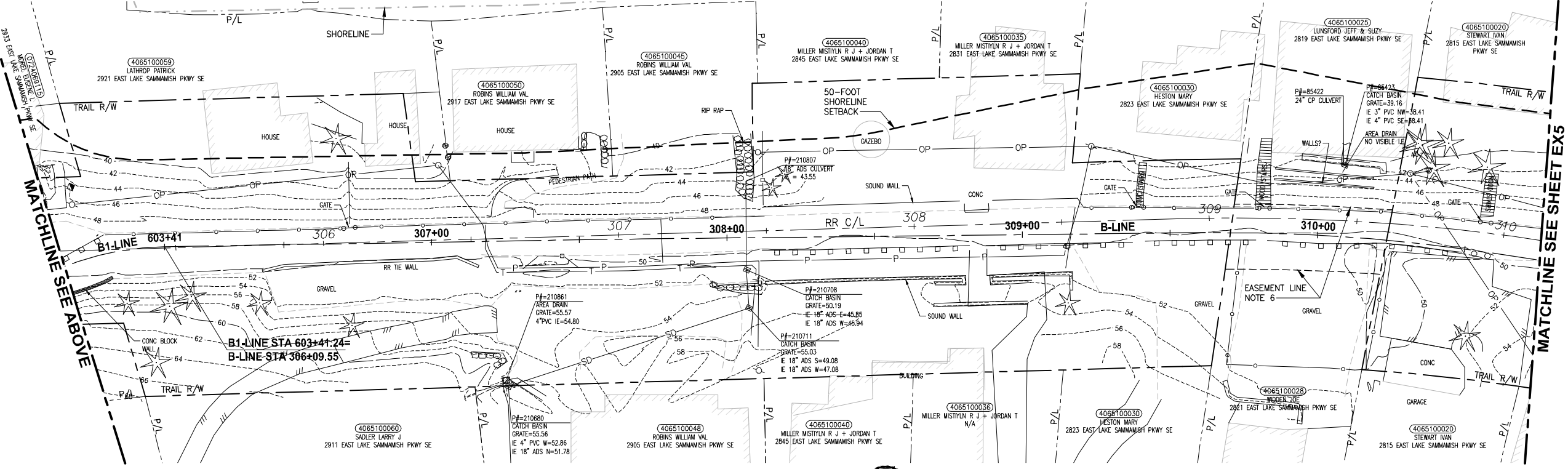
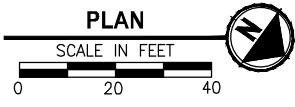
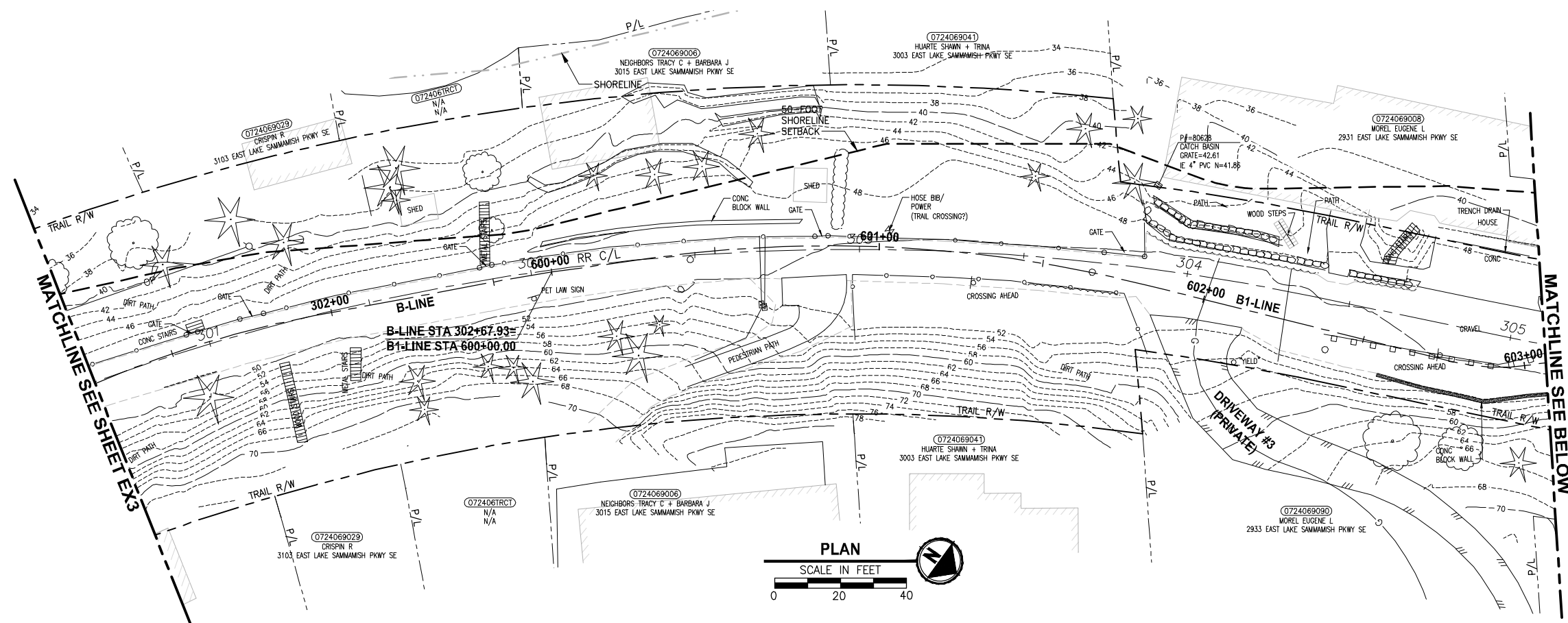


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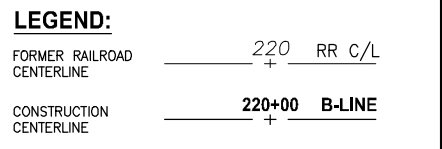
PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

EXISTING CONDITIONS PLAN
 SHEET NO.
 11 OF 158
EX3

PATH: U:\P50\Projects\Clients\1521-075-ELST\985\CA000\Phase 19\T03_CWA\Draw\ PLOTTED BY: purgaban DATE: Friday, July 07, 2017 4:40:12 PM LAYOUT: EX4



- GENERAL NOTES:**
- SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.
 - THE RAIL ROAD CENTERLINE (RR CL) & R/W LINES SHOWN IS BASED ON THE RIGHT OF WAY DRAWINGS PROVIDED BY KING COUNTY, DATED 1998, UNLESS OTHERWISE NOTED.
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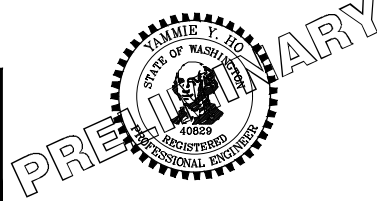
CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
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REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P19T03EX-01
 JOB No.: 554-1521-075 P19 T03
 DATE: JULY 2017



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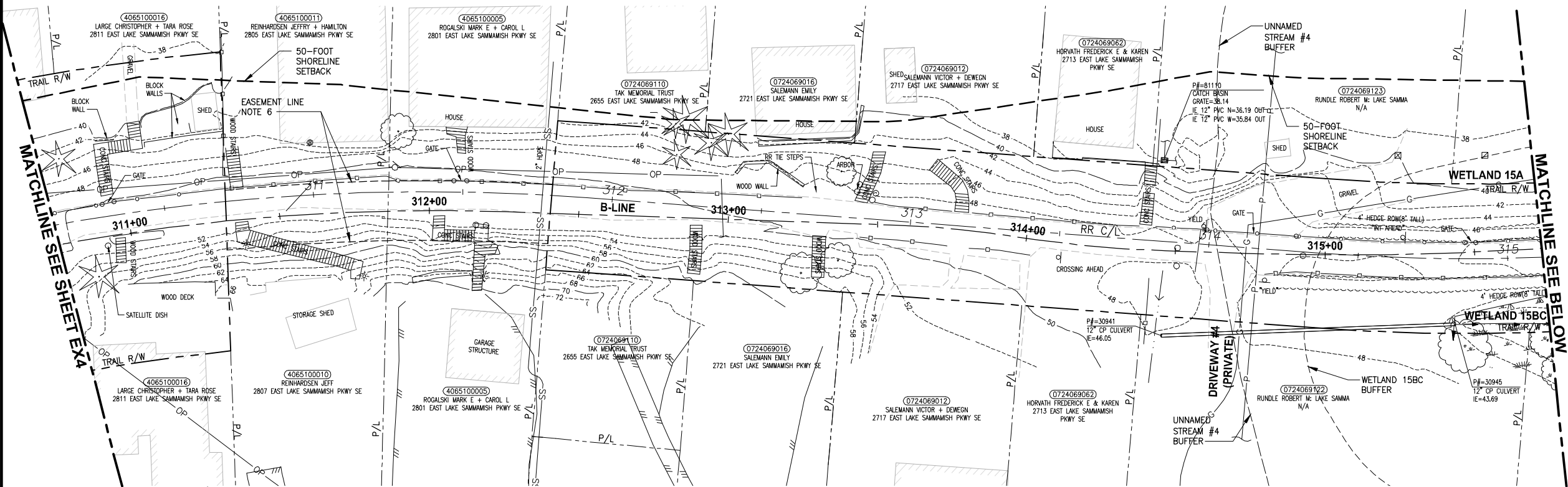
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PROJECT NAME
**EAST LAKE SAMMAMISH
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 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

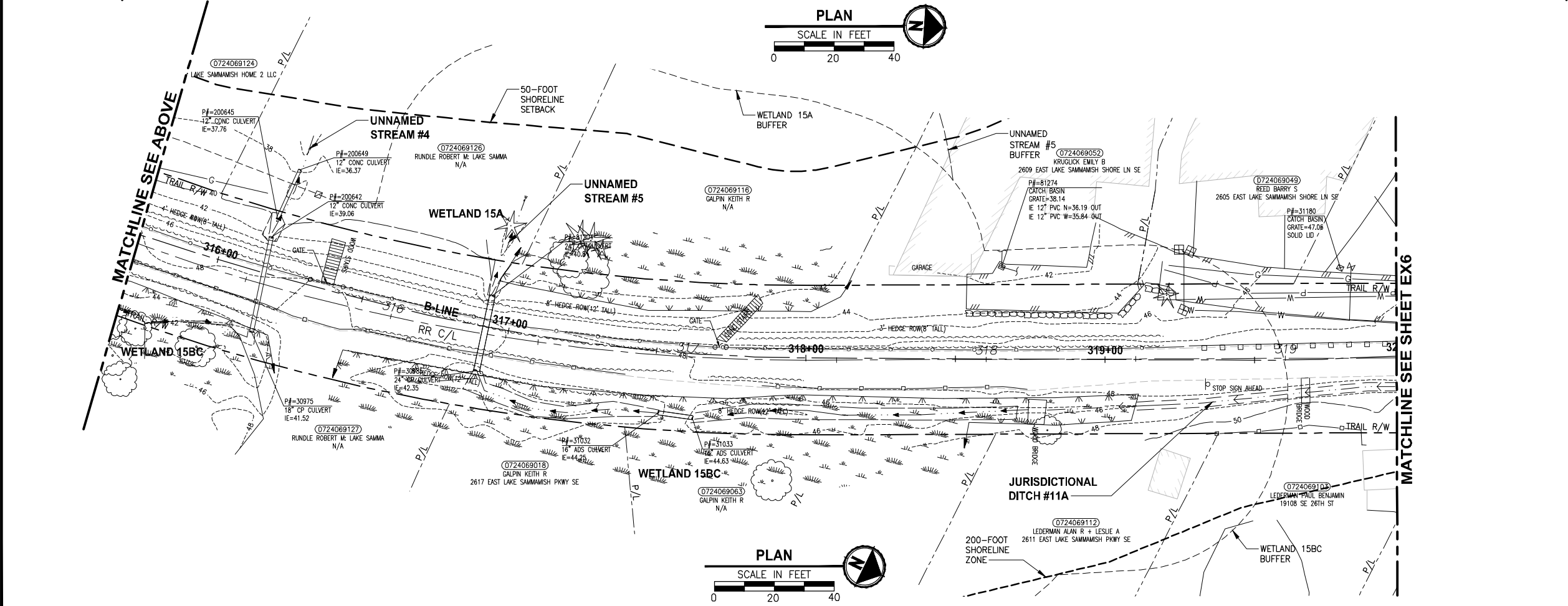
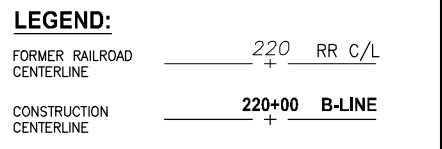
EXISTING CONDITIONS PLAN

SHEET NO.
 12 OF 158
EX4

PATH: U:\P50\Projects\Clients\1521-075-ELST\985\CA000\Phase 19\T03_CIV\DWG\ PLOTTED BY: purgaban DATE: Friday, July 07, 2017 4:40:36 PM LAYOUT: EX5



- GENERAL NOTES:**
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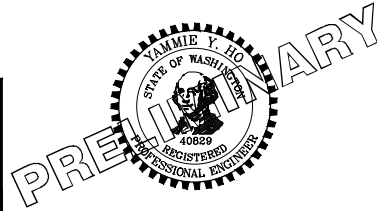


CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

**ONE INCH AT FULL SCALE,
IF NOT, SCALE ACCORDINGLY**
 FILE NAME: BL1521075P19T03EX-01
 JOB No.: 554-1521-075 P19 T03
 DATE: JULY 2017

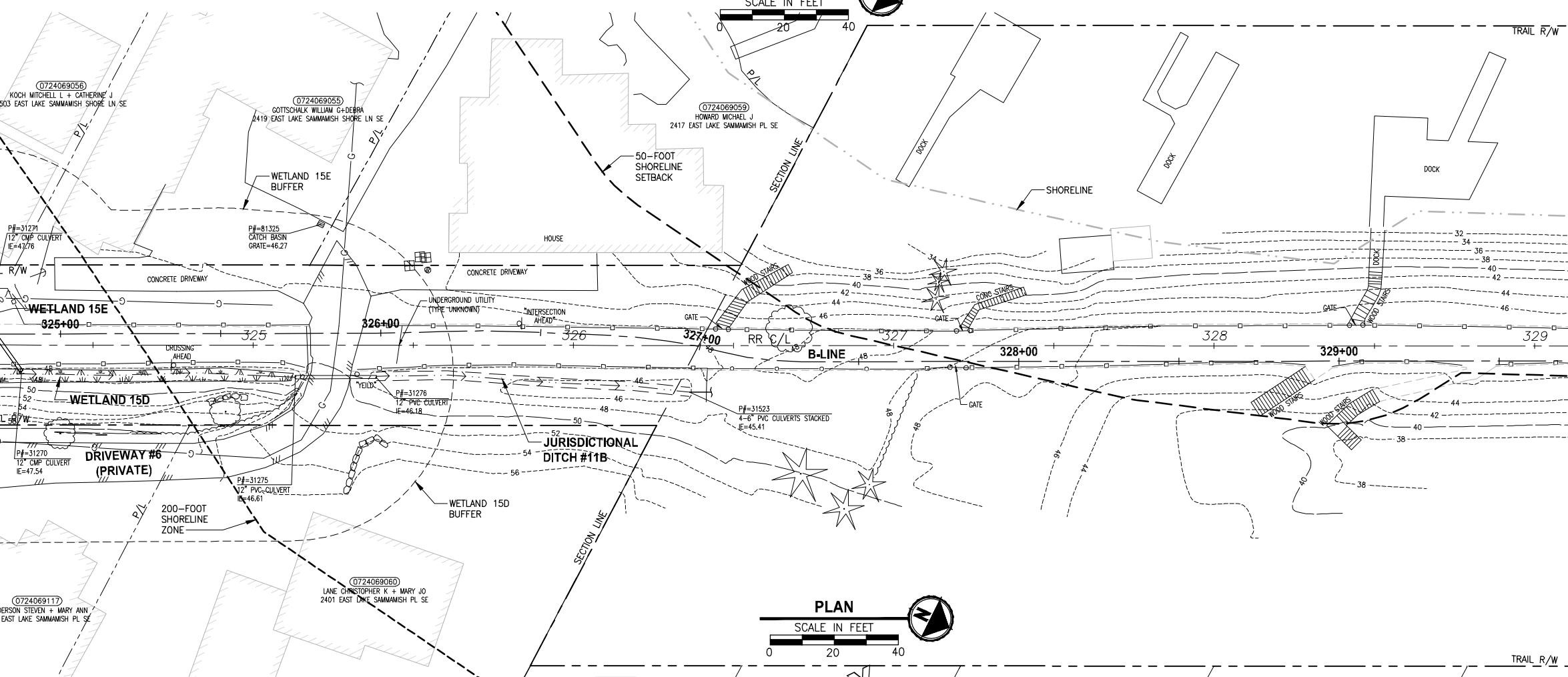
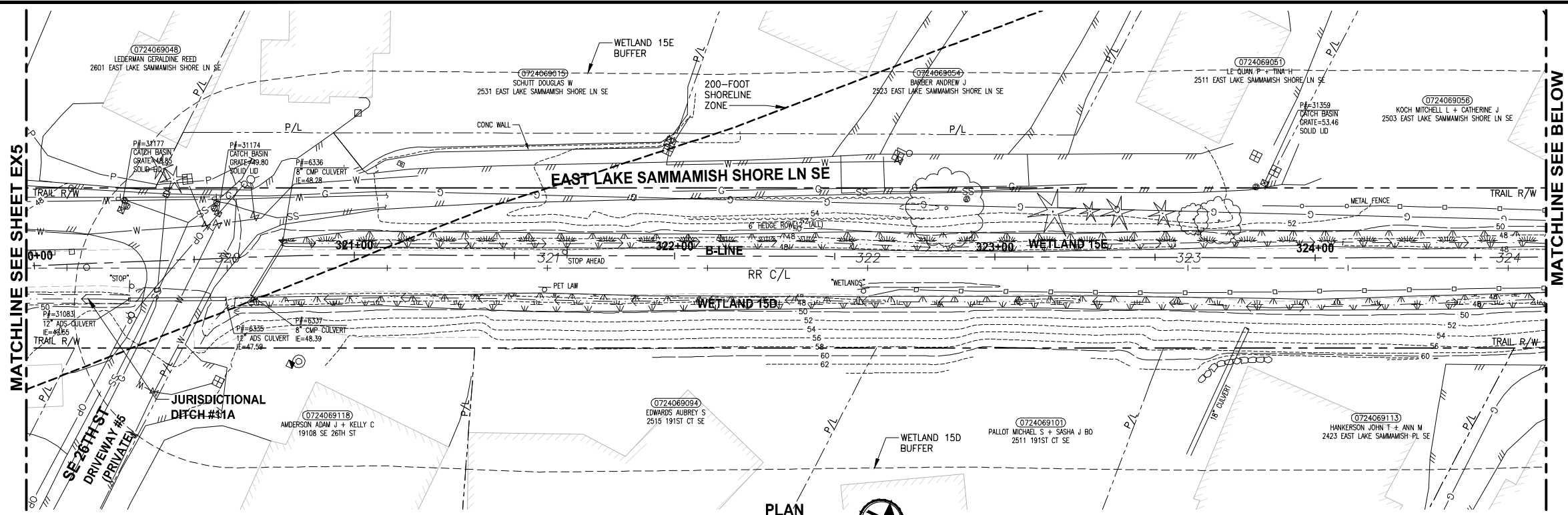


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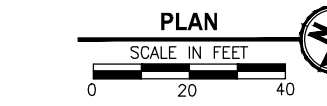
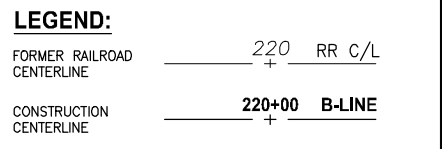
PROJECT NAME:
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

EXISTING CONDITIONS PLAN
 SHEET NO.
 13 OF 158
EX5

PATH: U:\P50\Projects\Clients\1521-KingCo\554-1521-075-ELST\95\Secs\CADD\Phase 19\T03_Civil\DWG\ LAYOUT: EX6 PLOTTED BY: purganbut DATE: Friday, July 07, 2017 4:41:02 PM



- GENERAL NOTES:**
- SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.
 - THE RAIL ROAD CENTERLINE (RR CL) & R/W LINES SHOWN IS BASED ON THE RIGHT OF WAY DRAWINGS PROVIDED BY KING COUNTY, DATED 1998, UNLESS OTHERWISE NOTED.
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 - PARCEL LINES WERE UPDATED PER GIS INFORMATION PROVIDED BY COUNTY, DATED 2016.



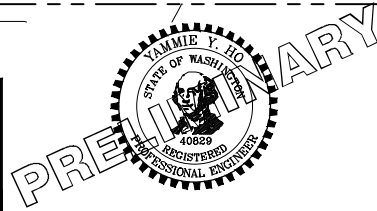
CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P19T03EX-01
 JOB No.: 554-1521-075 P19 T03
 DATE: JULY 2017



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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

EXISTING CONDITIONS PLAN

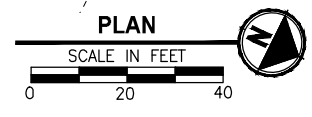
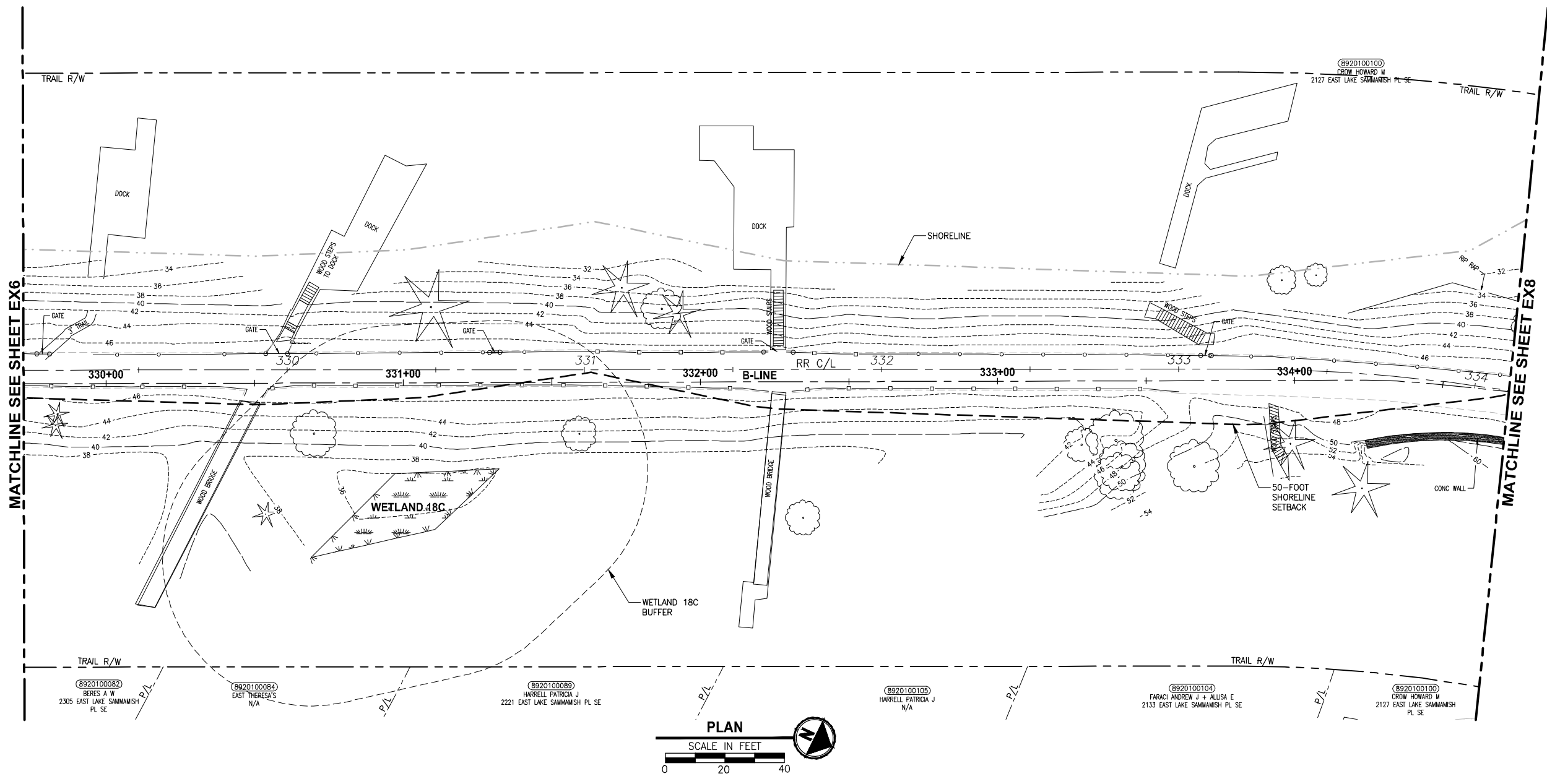
SHEET NO.
14 OF 158

EX6

- GENERAL NOTES:**
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LEGEND:

FORMER RAILROAD CENTERLINE	220	RR C/L
CONSTRUCTION CENTERLINE	220+00	B-LINE



PATH: U:\P50\Projects\Clients\1521-075-ELST\985Secs\CADD\Phase 19\T03_Civil\Draw\ LAYOUT: EX7 PLOTTED BY: purgabut DATE: Friday, July 07, 2017 4:41:32 PM

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P19T03EX-02
 JOB No.: 554-1521-075 P19 T03
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

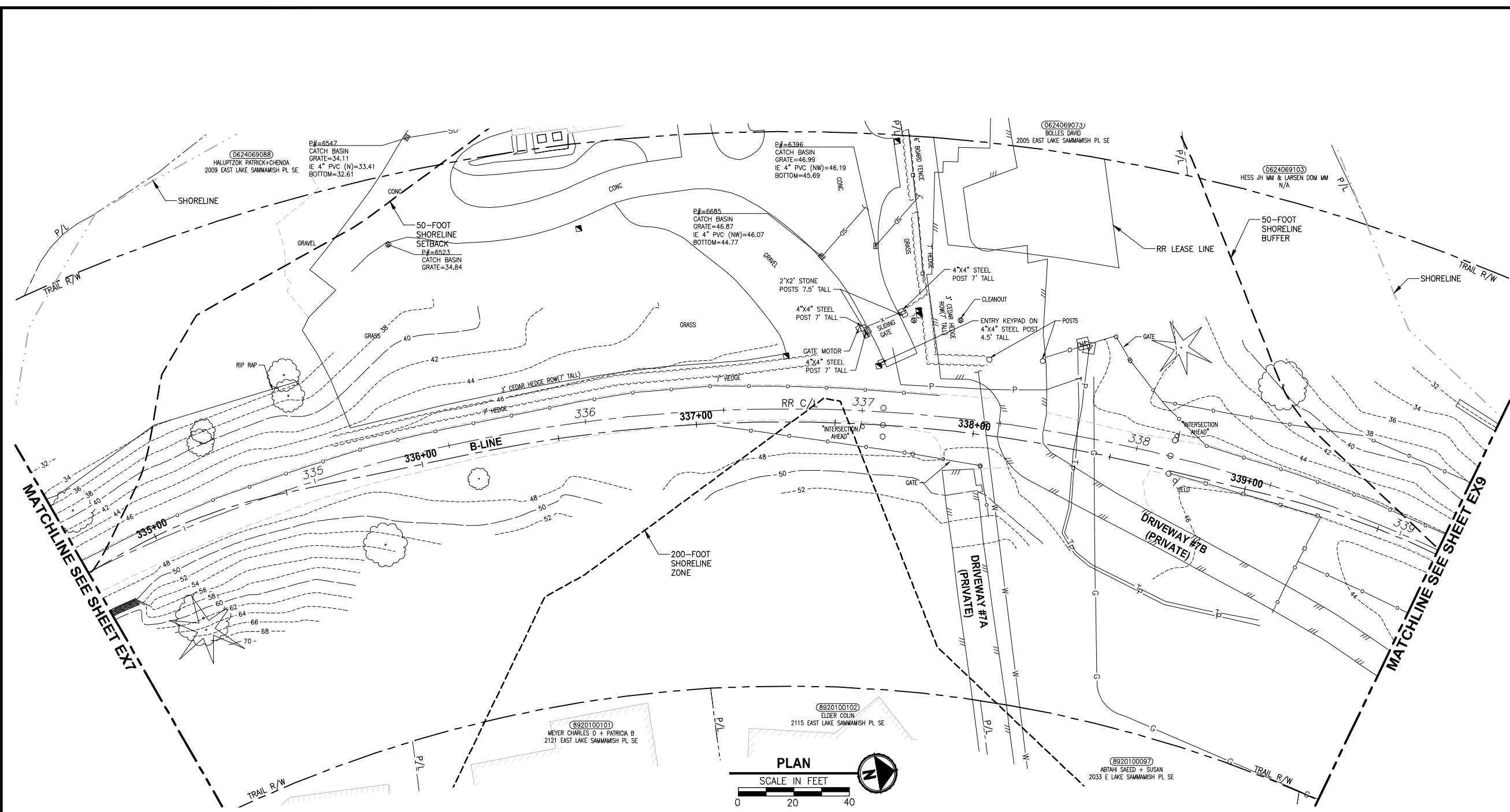
EXISTING CONDITIONS PLAN

SHEET NO.
 15 OF 158
EX7

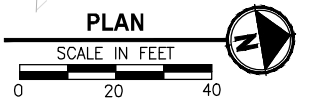
CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

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PATH: U:\P50\Projects\Clients\1521-075-ELSA\995\995\995\CADD\Phase 19\T03_Civil\Draw\ LAYOUT: EX8 PLOTTED BY: purgubut DATE: Friday, July 07, 2017 4:41:48 PM



- GENERAL NOTES:**
- SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.
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- LEGEND:**
- FORMER RAILROAD CENTERLINE 220 RR C/L
- CONSTRUCTION CENTERLINE 220+00 B-LINE



CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

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REVISIONS	DATE	BY	DESIGNED
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			P. JOHANNESSEN
			Y. HO

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 JOB No: 54-1521-075 P19 T03
 DATE: JULY 2017

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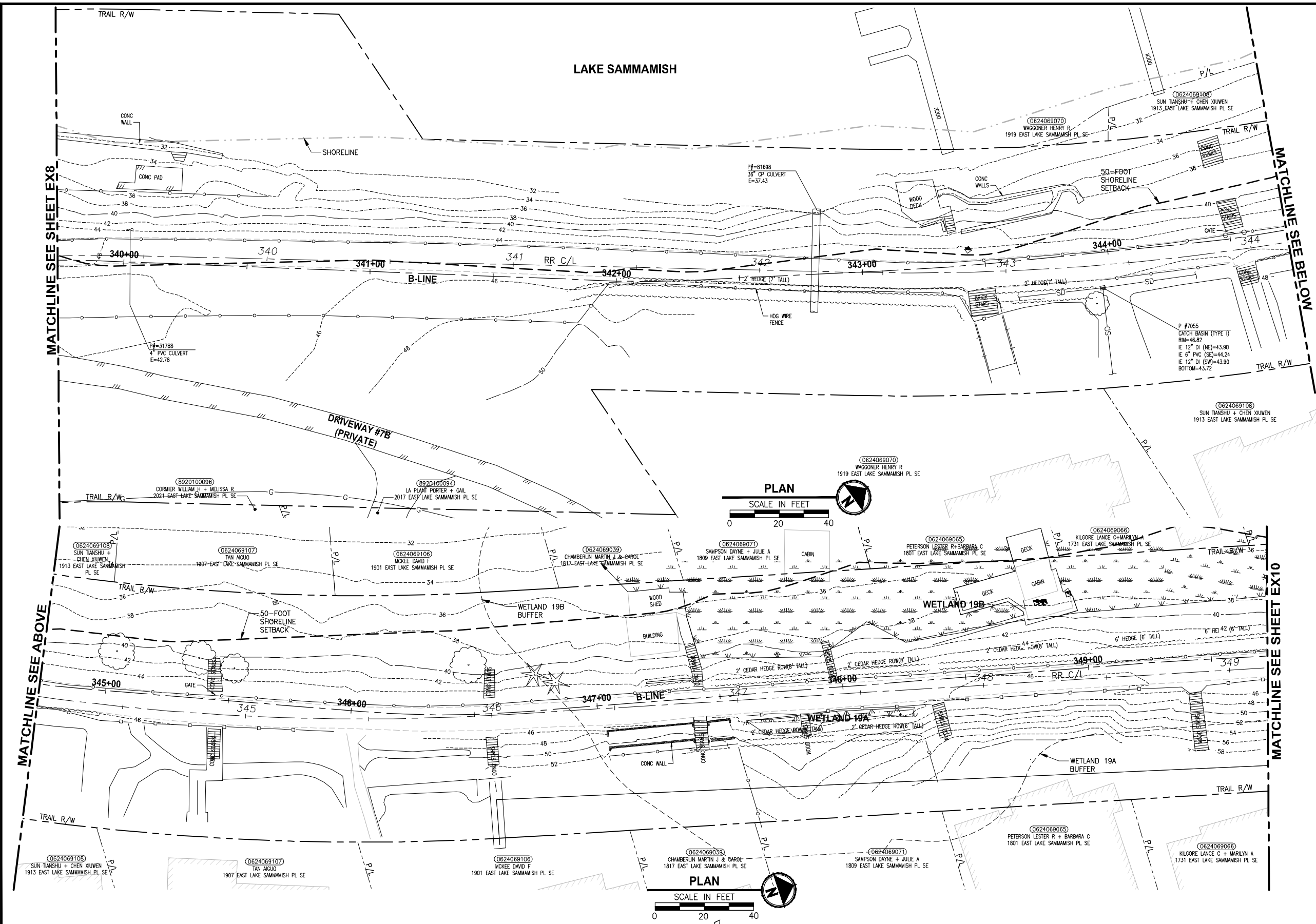
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

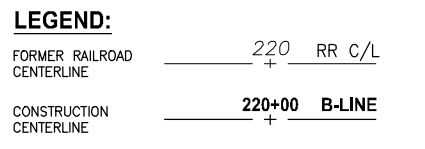
EXISTING CONDITIONS PLAN

SHEET NO.
 16 OF 158
EX8

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- GENERAL NOTES:**
- SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.
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REVISIONS	DATE	BY	DESIGNED
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			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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FILE NAME: BL1521075P19T03EX-02
JOB No.: 554-1521-075 P19 T03
DATE: JULY 2017

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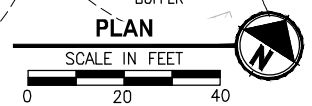
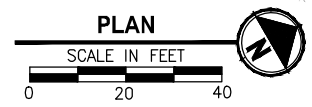
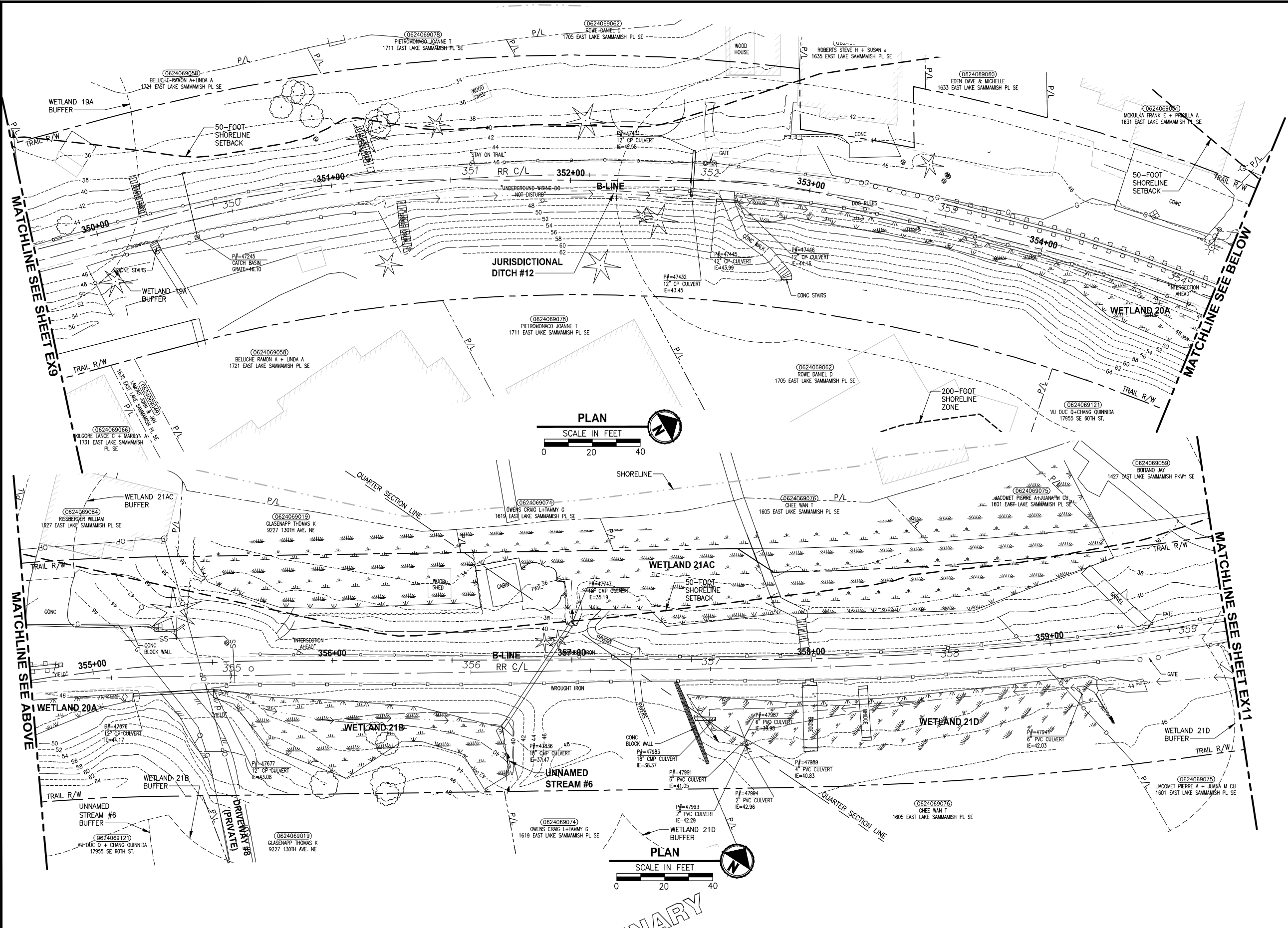
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
SAMMAMISH, WA

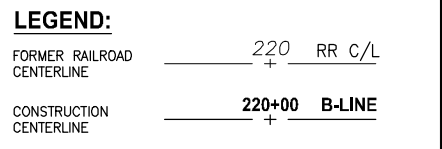
EXISTING CONDITIONS PLAN

SHEET NO.
17 OF 158
EX9

PATH: U:\PSO\Projects\Clients\1521-075-ELST\985\CA\ADD\Phase 19_T03_Civil\DWG\ PLOTTED BY: purgobut DATE: Friday, July 07, 2017 4:42:37 PM LAYOUT: EX10



- GENERAL NOTES:**
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CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P19T03EX-02
 JOB No: 554-1521-075 P19 T03
 DATE: JULY 2017

PRELIMINARY

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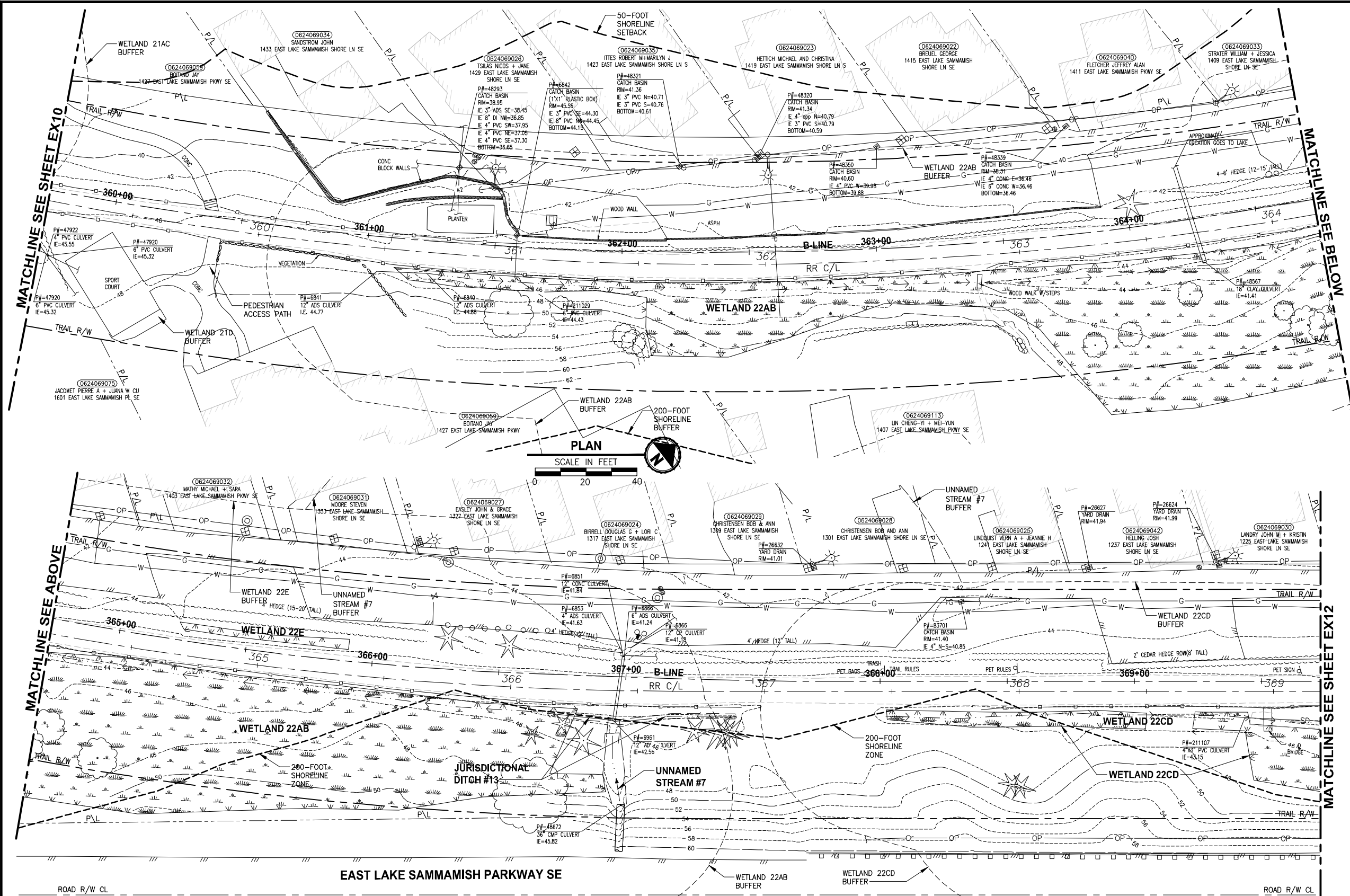
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PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

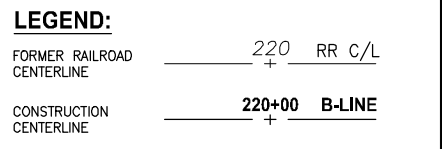
EXISTING CONDITIONS PLAN

SHEET NO.
 18 OF 158
EX10

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- GENERAL NOTES:**
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CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

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REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P19T03EX-02
 JOB No: 564-1521-075 P19 T03
 DATE: JULY 2017

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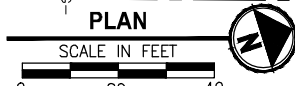
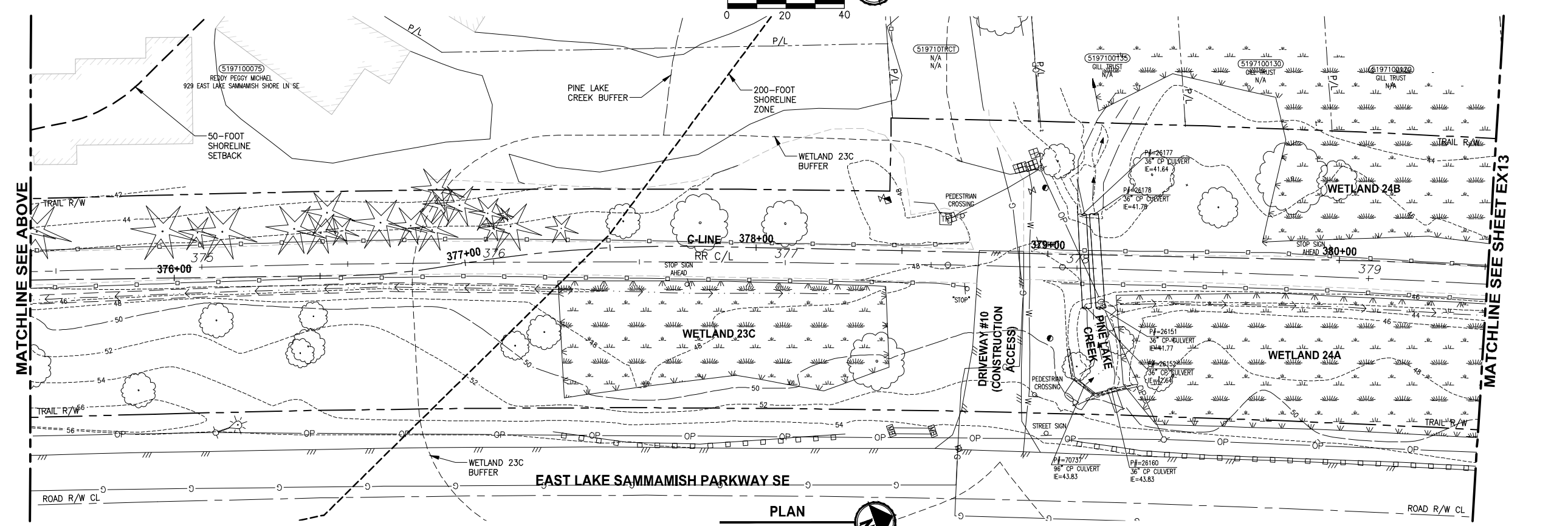
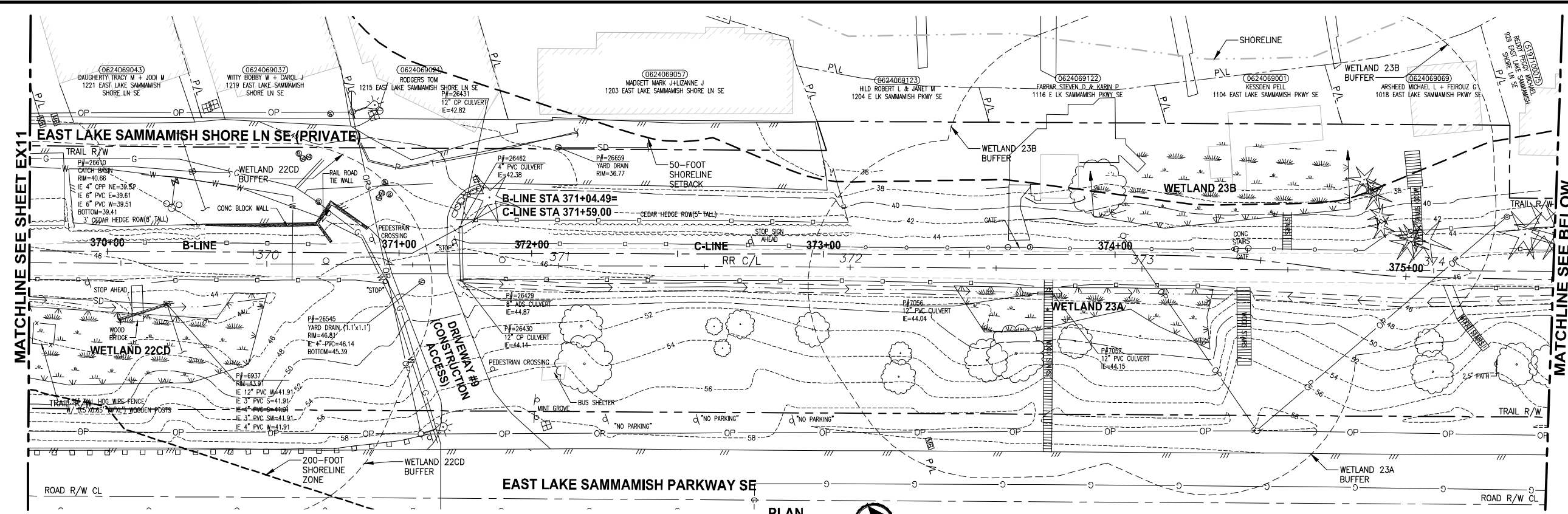
PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

SHEET NO.
 19 OF 158

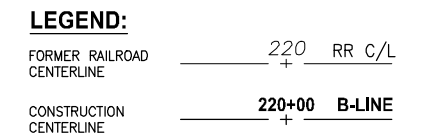
EXISTING CONDITIONS PLAN

EX11

LAYOUT: EX12
 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995vcs\CADD\Phase 19_T03_Civil\DWG\ PLOTTED BY: purgobut DATE: Monday, July 10, 2017 1:24:12 PM



- GENERAL NOTES:**
- SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.
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CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
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REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P19T03EX-03
 JOB No: 554-1521-075 P19 T03
 DATE: JULY 2017

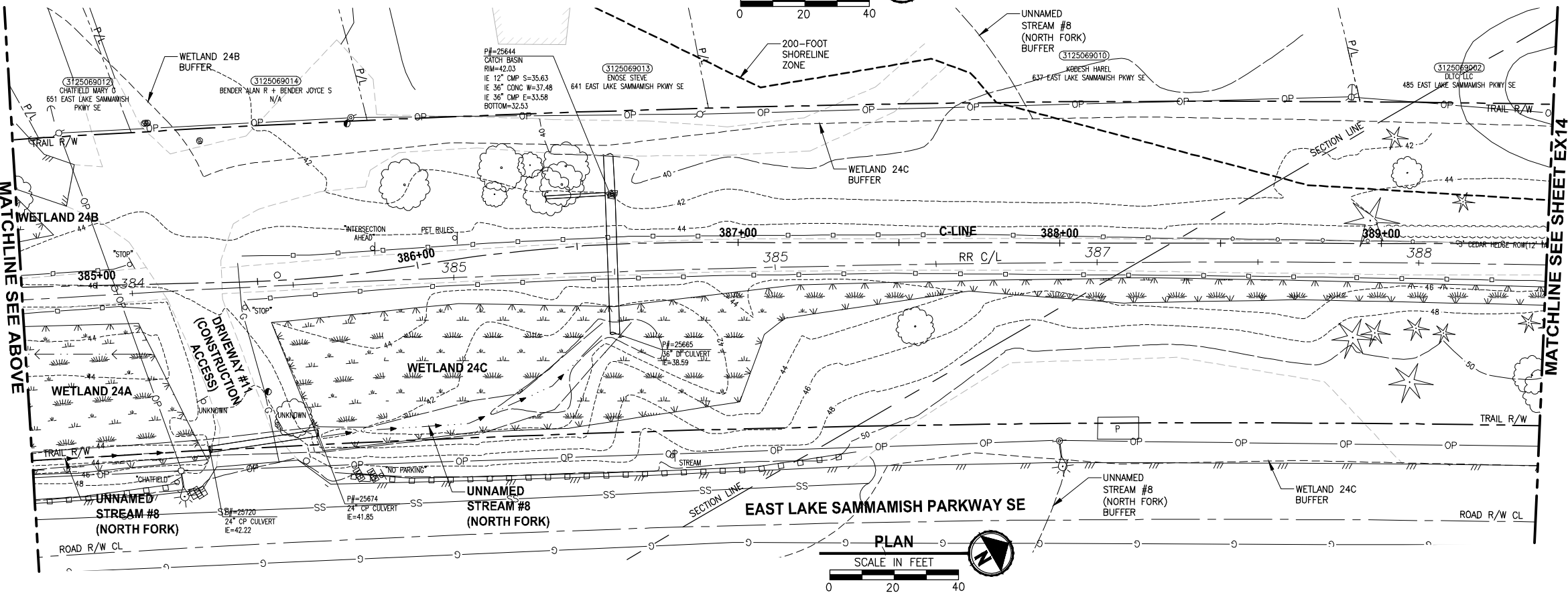
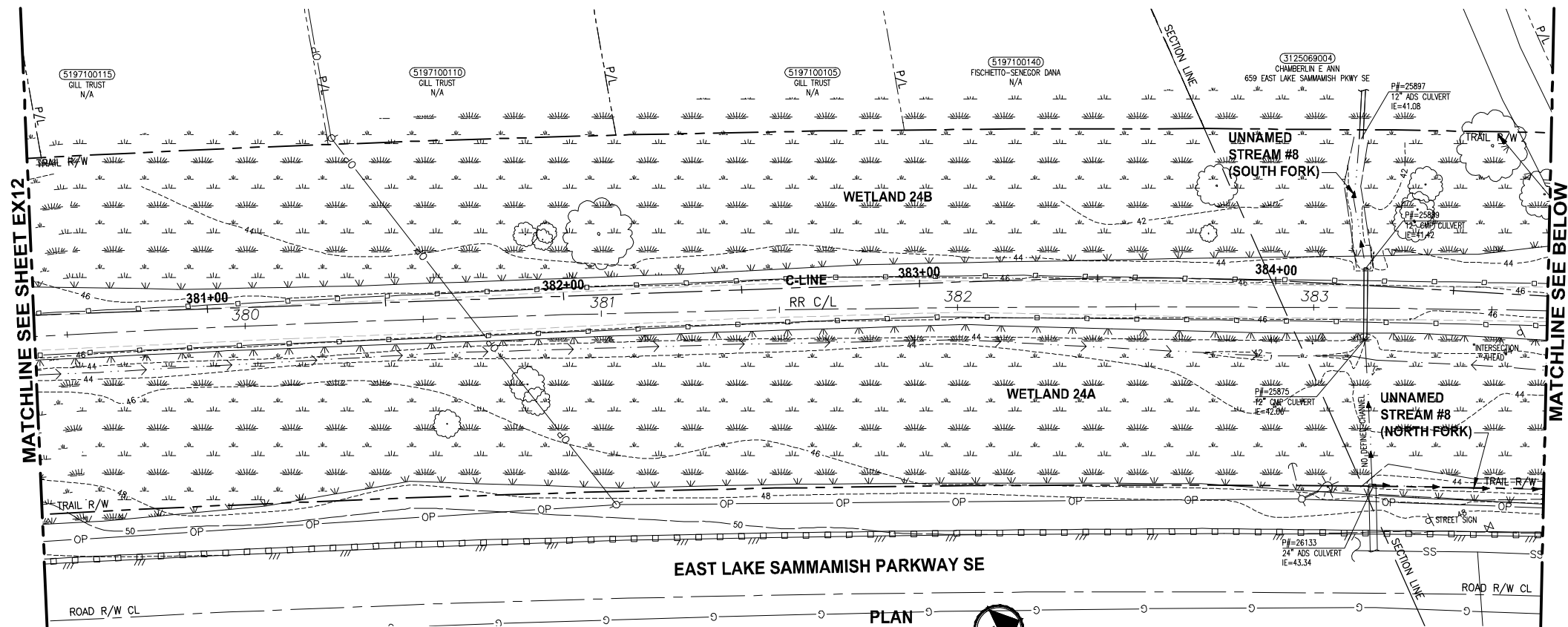
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

SHEET NO.
 20 OF 158
EXISTING CONDITIONS PLAN
EX12

PATH: U:\PSO\Projects\Clients\1521-075-ELST\985vcs\CADD\Phase 19_T03_Civil\DWG\ LAYOUT: EX13 PLOTTED BY: purgaban DATE: Friday, July 07, 2017 4:44:11 PM



- GENERAL NOTES:**
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LEGEND:

FORMER RAILROAD CENTERLINE	220	RR C/L
CONSTRUCTION CENTERLINE	220+00	B-LINE

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

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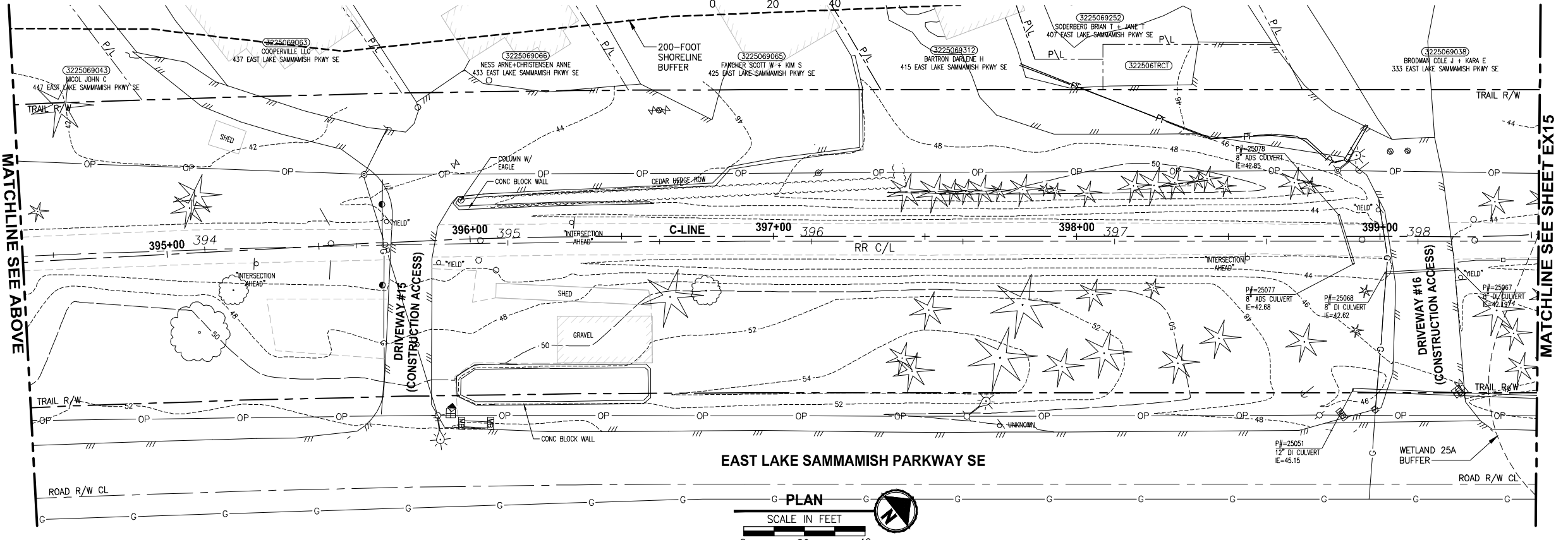
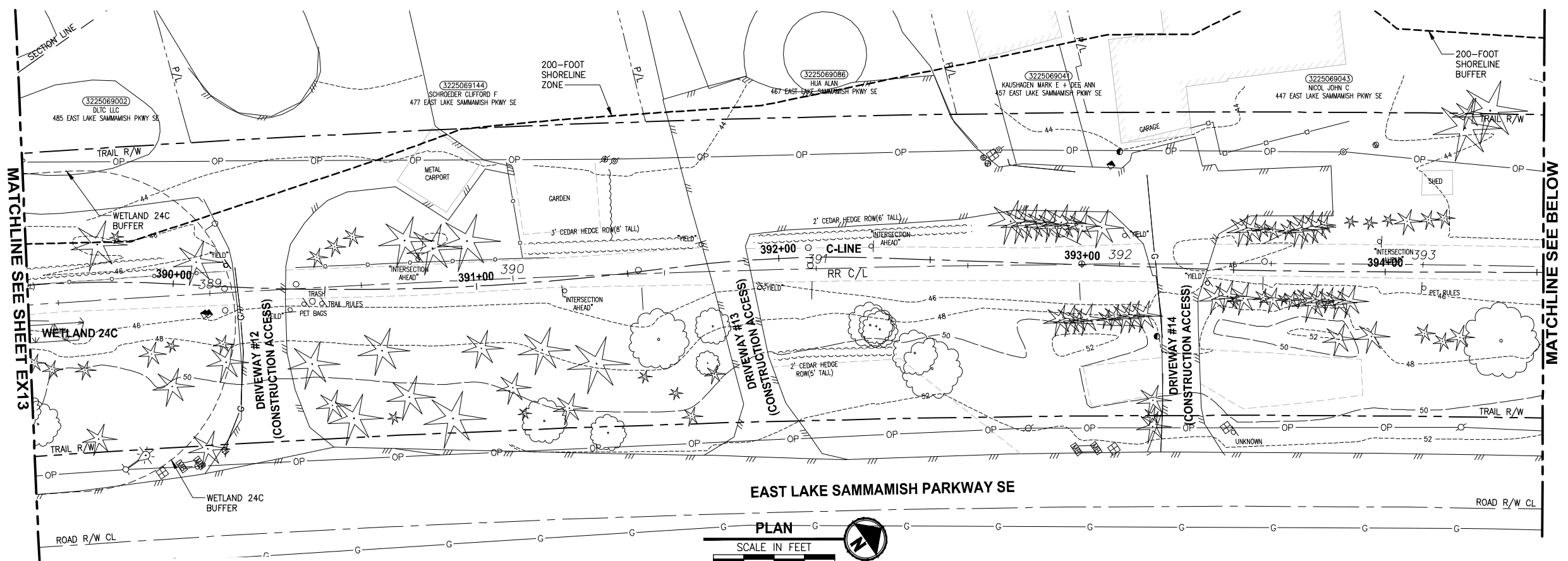
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PROJECT NAME:
**EAST LAKE SAMMAMISH
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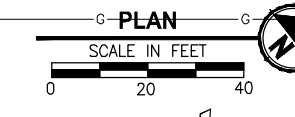
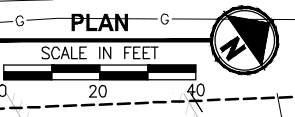
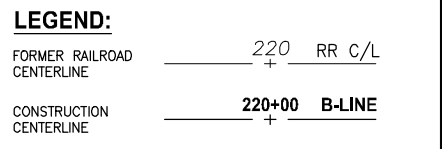
EXISTING CONDITIONS PLAN
EX13

SHEET NO.
 21 OF 158

LAYOUT: EX14
 PATH: U:\PSO\Projects\Clients\KingCo\554-1521-075-ELST\995vcs\CADD\Phase 19\T03_Civil\DWG\ PLOTTED BY: purgobut DATE: Friday, July 07, 2017 4:44:36 PM



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ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P19T03EX-03
 JOB No.: 554-1521-075 P19 T03
 DATE: JULY 2017

PRELIMINARY

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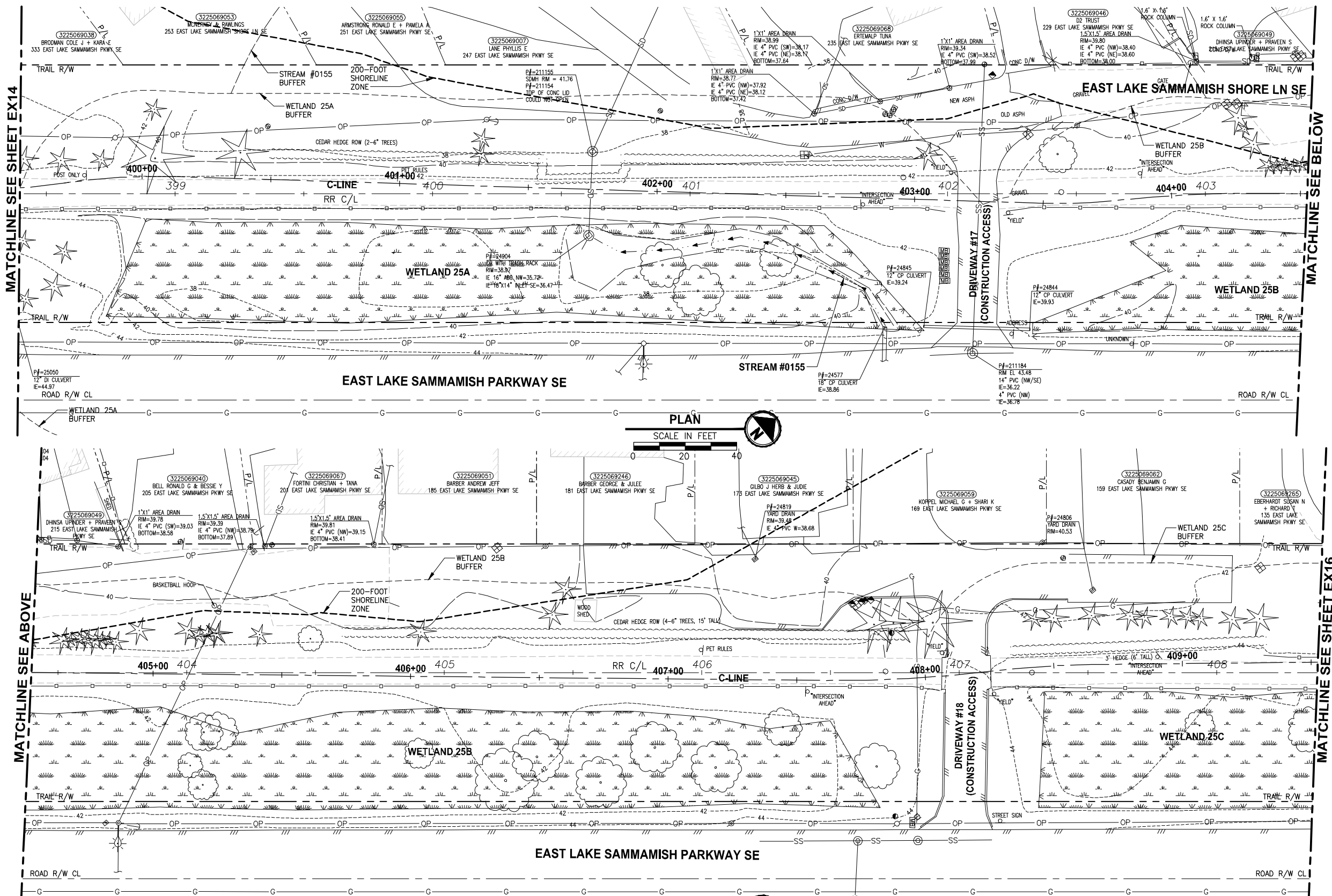
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
 P 206.394.3700
 WWW.PARAMETRIX.COM

PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

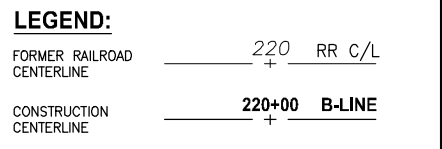
EXISTING CONDITIONS PLAN

SHEET NO.
 22 OF 158
EX14

LAYOUT: EX15
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- GENERAL NOTES:**
- SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.
 - THE RAIL ROAD CENTERLINE (RR CL) & R/W LINES SHOWN IS BASED ON THE RIGHT OF WAY DRAWINGS PROVIDED BY KING COUNTY, DATED 1998, UNLESS OTHERWISE NOTED.
 - OUTLINES FOR BUILDING STRUCTURES SHOWN ARE BASED ON GIS AND AERIAL PHOTOS, DATED 2016.
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 - UTILITY INFORMATION IS BASED ON AVAILABLE AS-BUILTS. POTHOLING INFORMATION HAS NOT BEEN INCORPORATED.
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 - PARCEL LINES WERE UPDATED PER GIS INFORMATION PROVIDED BY COUNTY, DATED 2016.



CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P19T03EX-03
 JOB No.: 554-1521-075 P19 T03
 DATE: JULY 2017

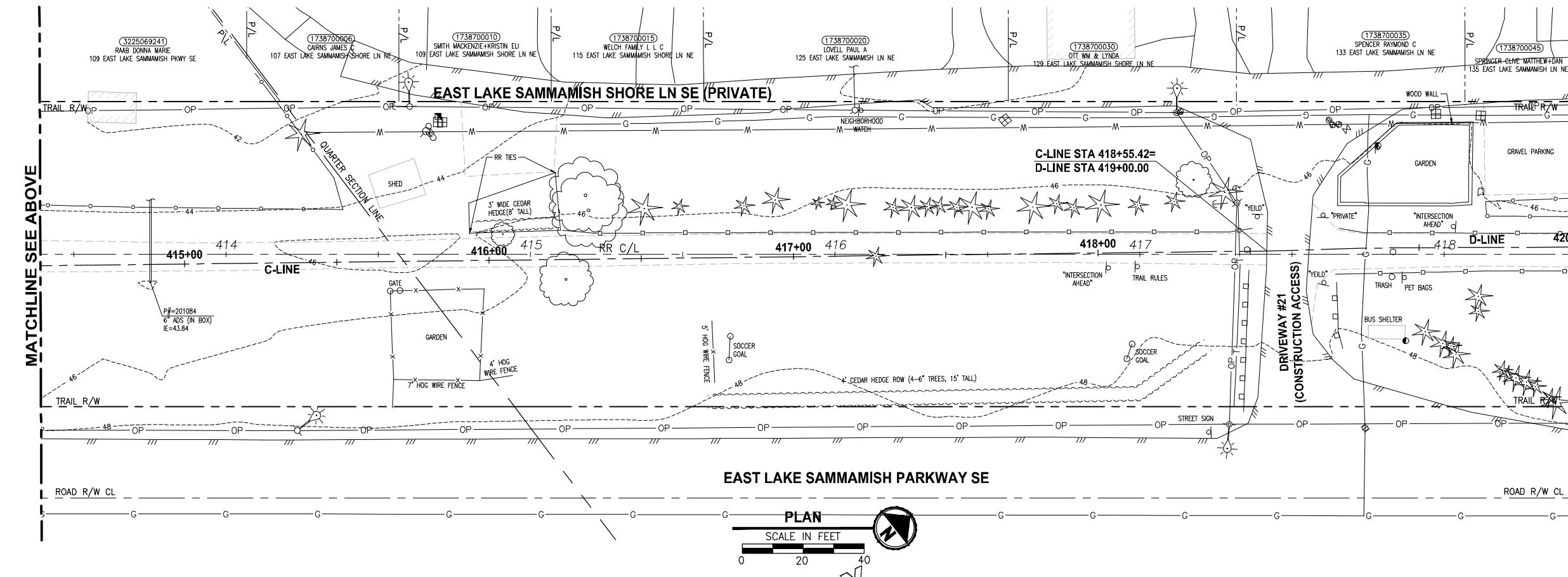
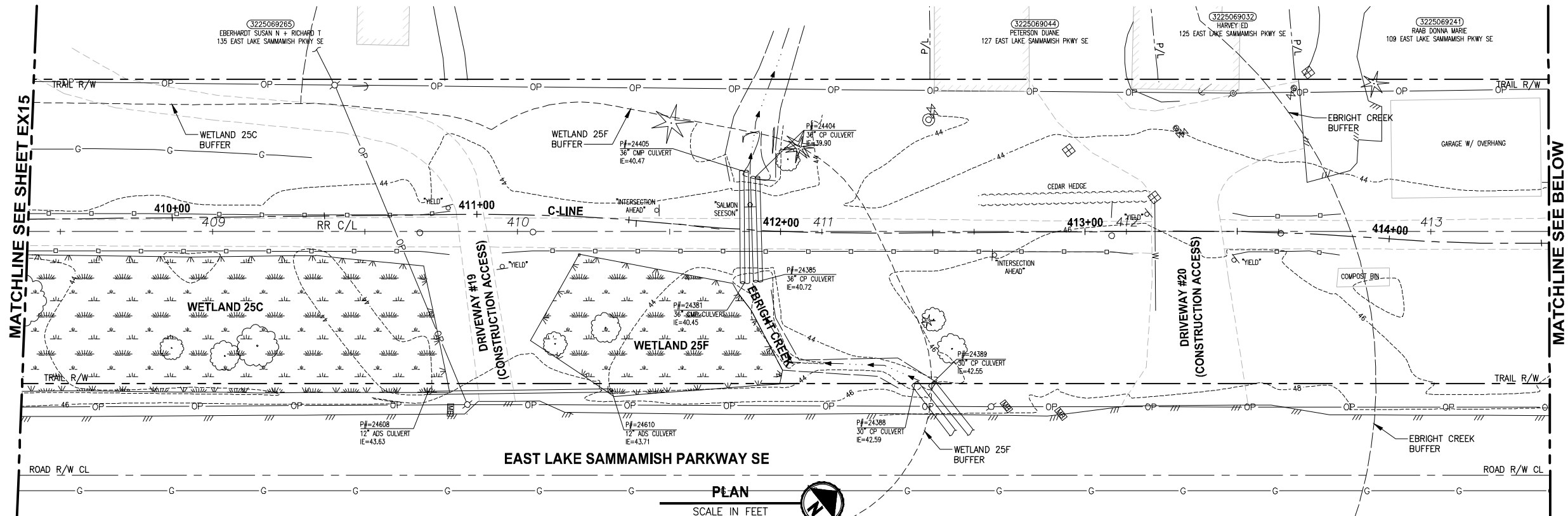
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PROJECT NAME:
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

EXISTING CONDITIONS PLAN
 SHEET NO.
 23 OF 158
EX15

LAYOUT: EX16
 PATH: J:\PSO\Projects\Clients\1521-KingCo\1521-075-ELST\995vcs\CADD\Phase 19_T03_Civil\DWG\ PLOTTED BY: purgebut DATE: Friday, July 07, 2017 4:45:26 PM



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LEGEND:

FORMER RAILROAD CENTERLINE	220 +	RR C/L
CONSTRUCTION CENTERLINE	220+00 +	B-LINE

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

**REVISED 60% REVIEW SUBMITTAL
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REVISIONS	DATE	BY	DESIGNED
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			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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 FILE NAME: BL1521075P19T03EX-03
 JOB No: 554-1521-075 P19 T03
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PRELIMINARY

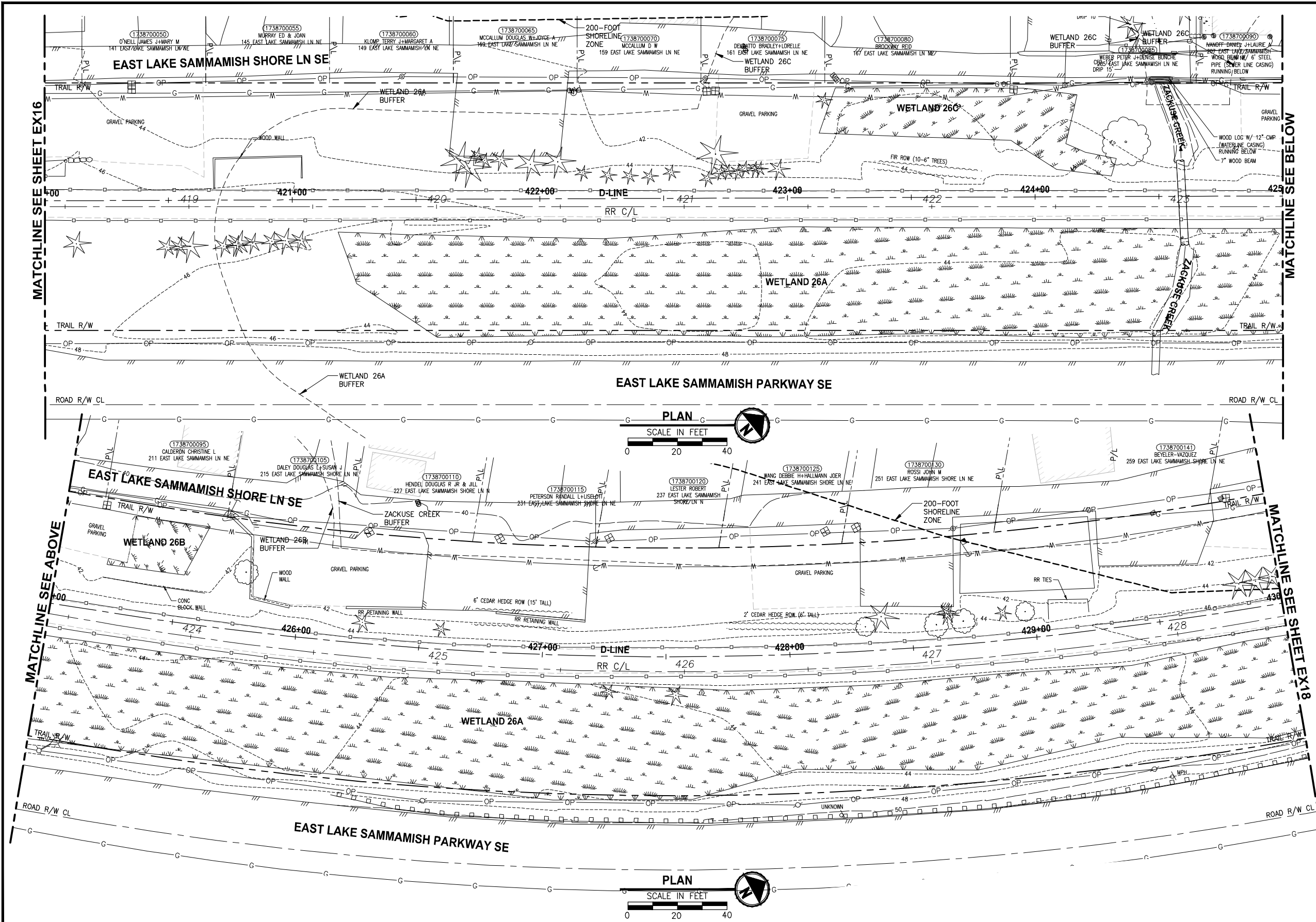
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PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

EXISTING CONDITIONS PLAN

SHEET NO.
 24 OF 158
EX16

PATH: J:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\985\dwg\CADD\Phase 19_T03_Civil.dwg PLOTTED BY: purgaban DATE: Friday, July 07, 2017 4:46:09 PM LAYOUT: EX17



- GENERAL NOTES:**
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LEGEND:

FORMER RAILROAD CENTERLINE		220	RR C/L
CONSTRUCTION CENTERLINE		220+00	B-LINE

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

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REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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FILE NAME
BL1521075P19T03EX-04
JOB No.
554-1521-075 P19 T03
DATE
JULY 2017

PRELIMINARY

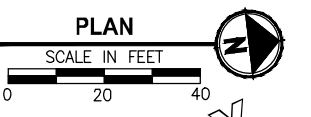
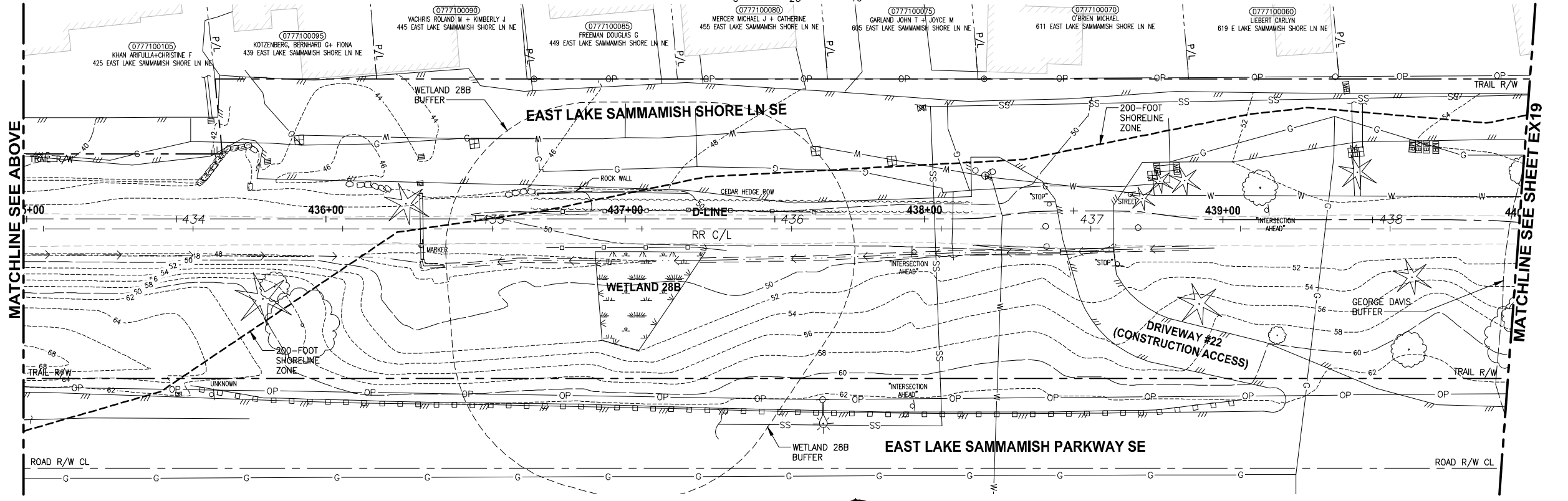
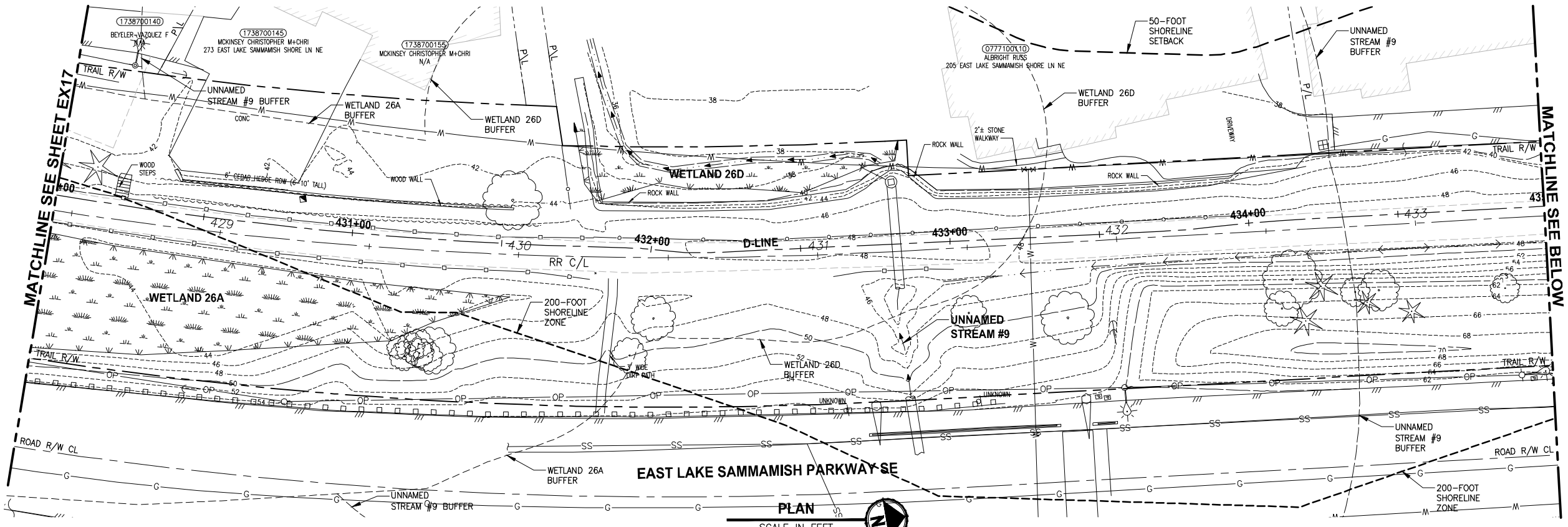
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PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

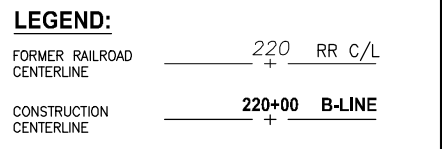
EXISTING CONDITIONS PLAN

SHEET NO.
25 OF 158
EX17

LAYOUT: EX18
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- GENERAL NOTES:**
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CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

**ONE INCH AT FULL SCALE,
IF NOT, SCALE ACCORDINGLY**
 FILE NAME: BL1521075P19T03EX-04
 JOB No: 554-1521-075 P19 T03
 DATE: JULY 2017

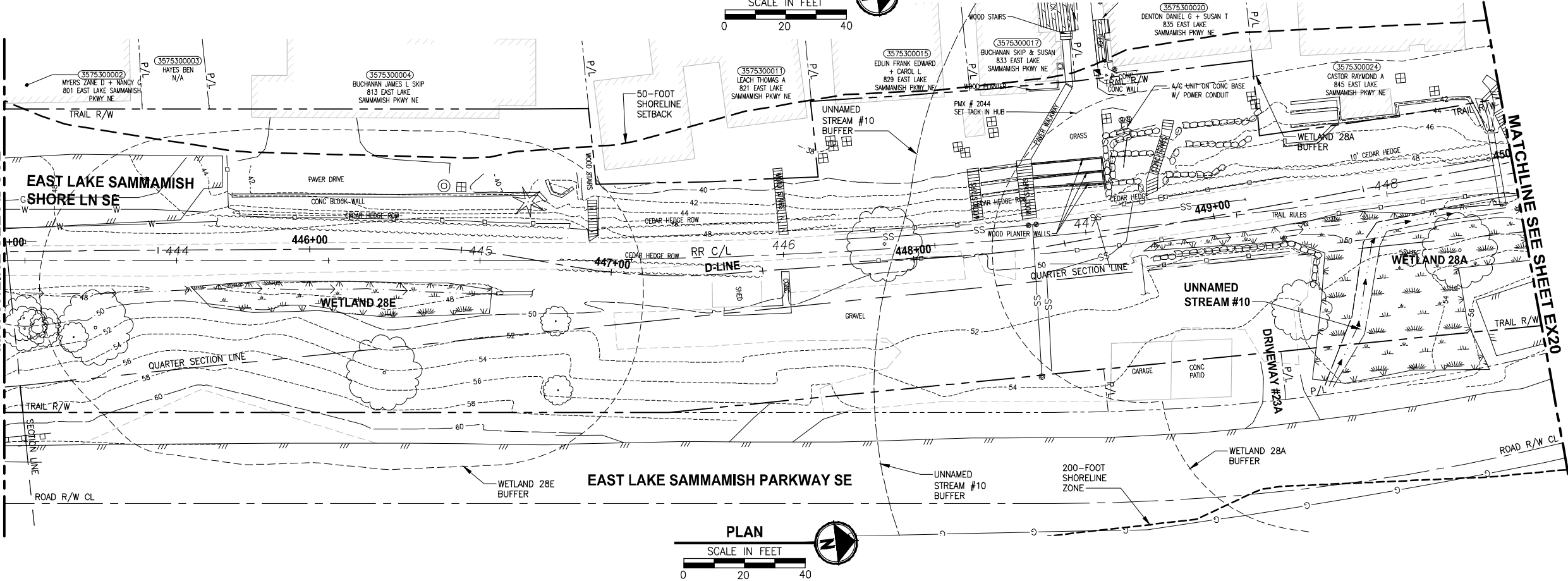
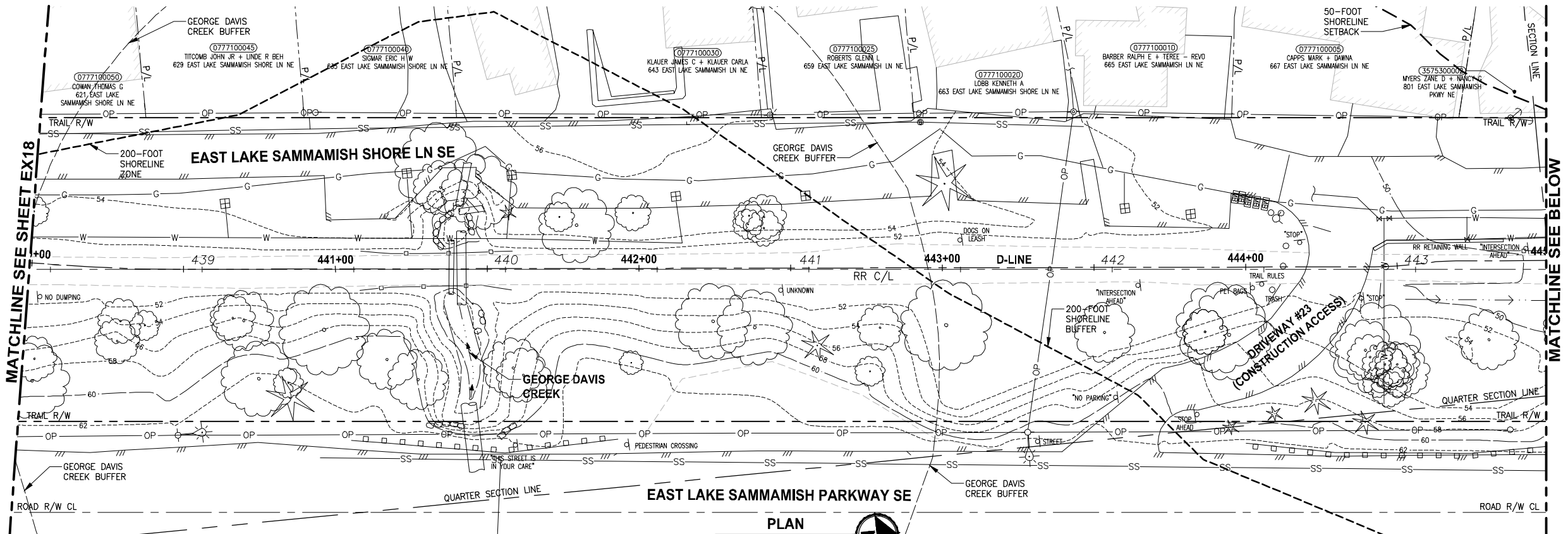
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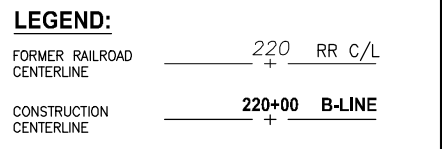
PROJECT NAME:
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

EXISTING CONDITIONS PLAN
 SHEET NO.
 26 OF 158
EX18

LAYOUT: EX19
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- GENERAL NOTES:**
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City Engineer _____	Date _____
Community Development _____	Date _____

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 DATE: JULY 2017

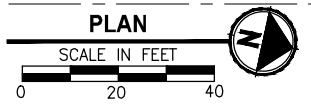
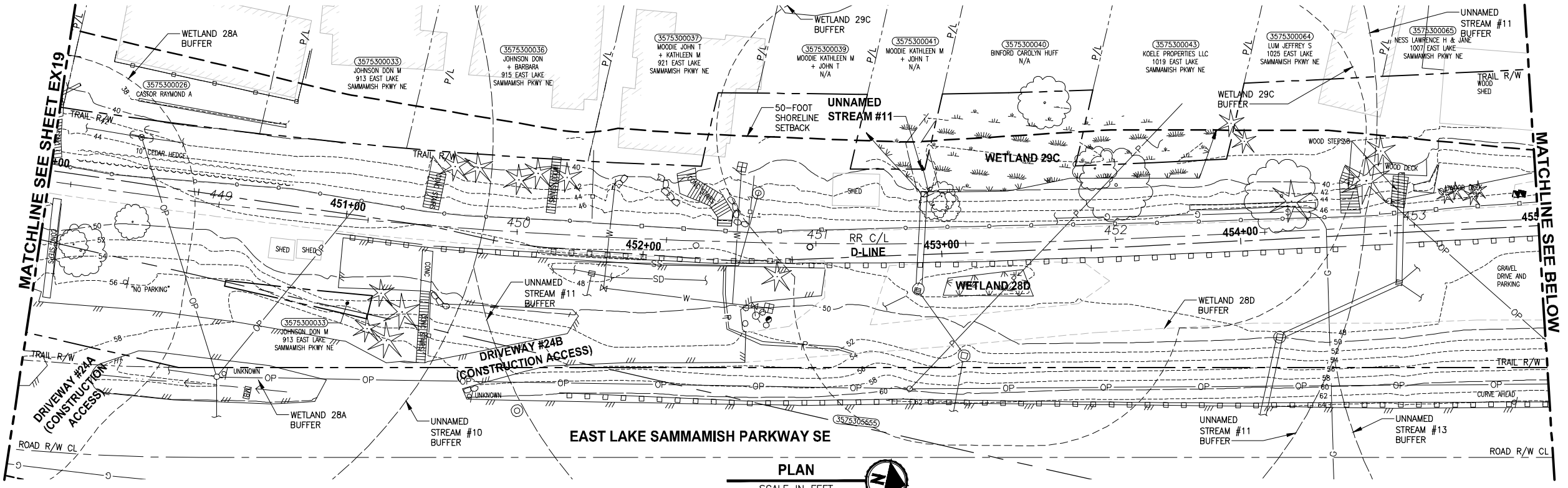
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PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

EXISTING CONDITIONS PLAN
 SHEET NO.
 27 OF 158
EX19

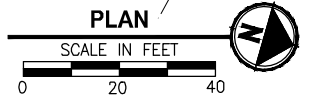
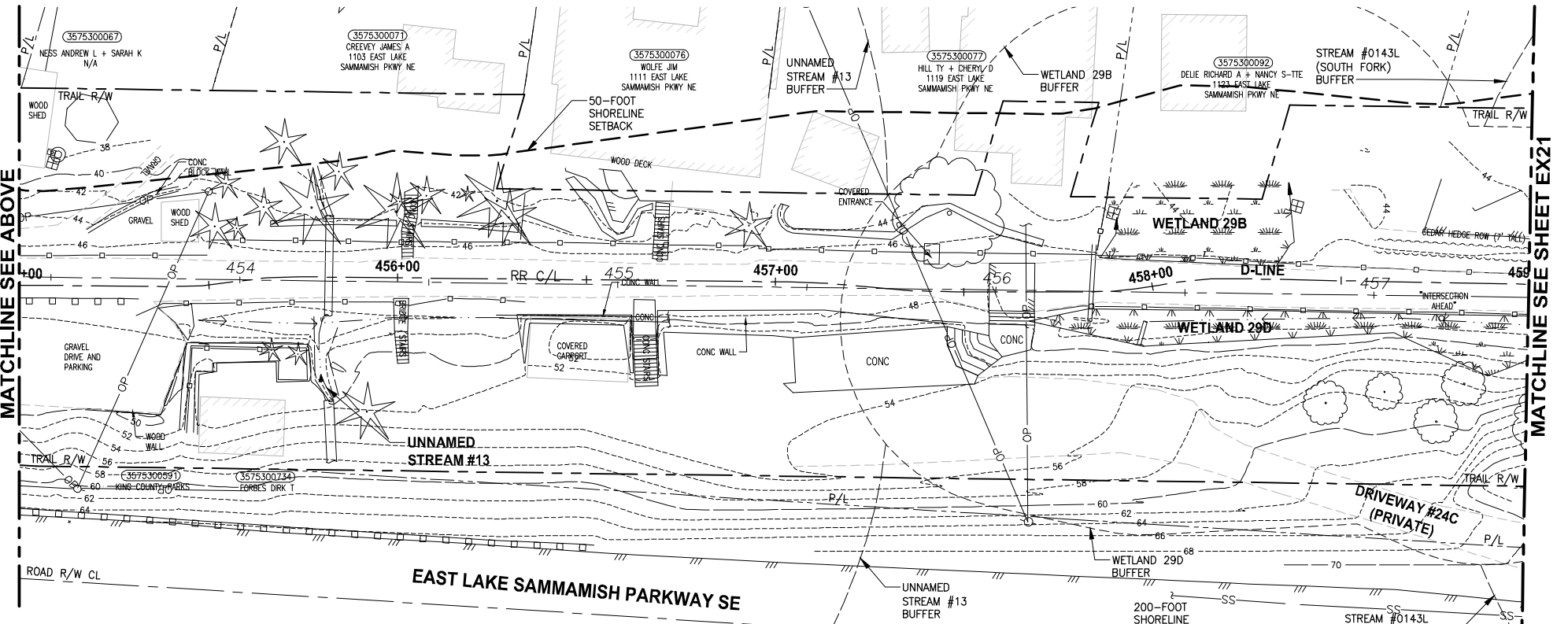
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LEGEND:

FORMER RAILROAD CENTERLINE	—+—	220	RR C/L
CONSTRUCTION CENTERLINE	—+—	220+00	B-LINE



CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P19T03EX-04
JOB No: 554-1521-075 P19 T03
DATE: JULY 2017

PRELIMINARY

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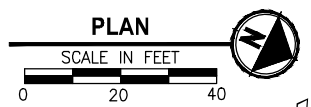
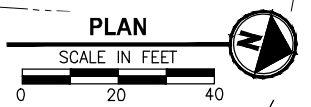
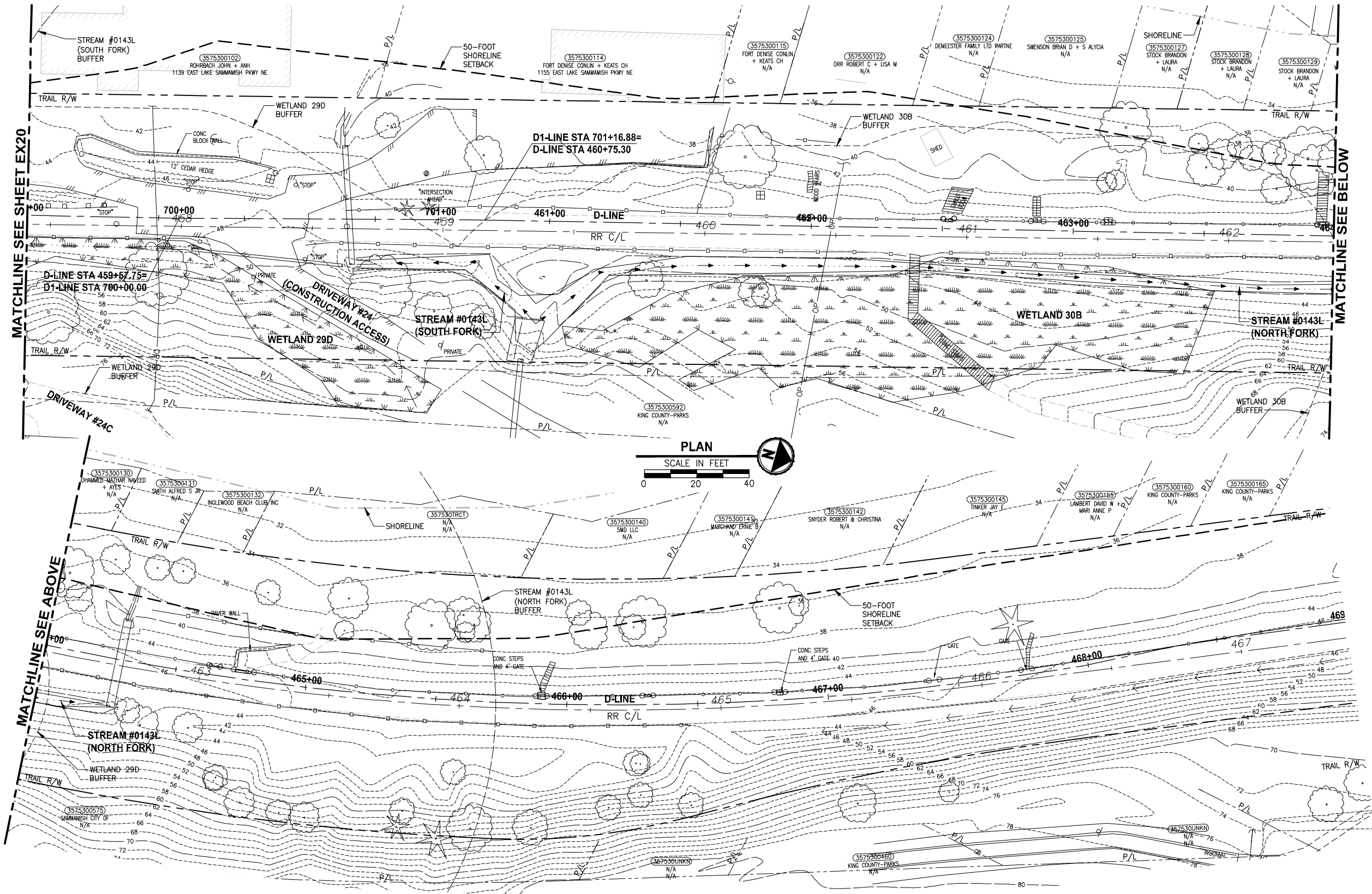
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

EXISTING CONDITIONS PLAN

SHEET NO.
28 OF 158
EX20

PATH: U:\PSO\Projects\Clients\KingCo\554-1521-075-ELST\985\cs\cadd\Phase 19_T03_Civil\DWG\ LAYOUT: EX21 PLOTTED BY: pargobut DATE: Friday, July 07, 2017 4:47:47 PM



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LEGEND:

FORMER RAILROAD CENTERLINE	220	RR C/L
CONSTRUCTION CENTERLINE	220+00	B-LINE

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

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PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

EXISTING CONDITIONS PLAN
 EX21

SHEET NO.
 29 OF 158

PATH: U:\P50\Projects\Clients\1521-KingCo\554-1521-075-ELST\985Secs\CADD\Phase 19\T03_CV1(Dwg)
 PLOTTED BY: purgaban DATE: Friday, July 07, 2017 4:48:08 PM
 LAYOUT: CSI

CONSTRUCTION NOTES:

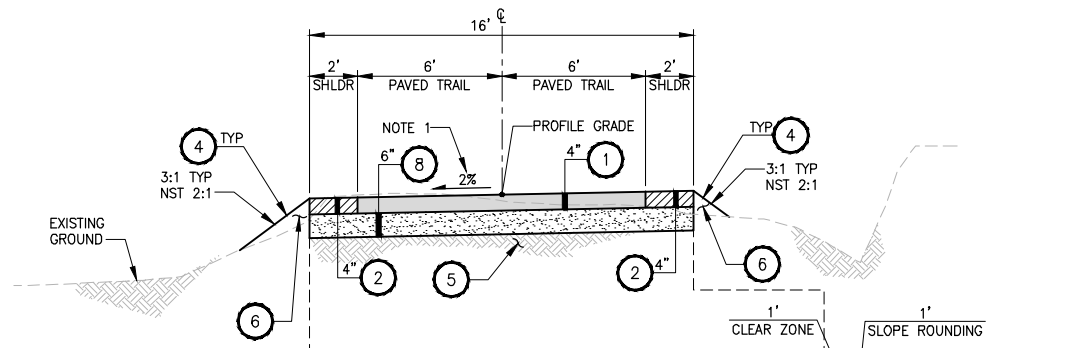
- 1 HMA CL. 3/8" PG 64-22.
- 2 5/8" MINUS CRUSHED LEDGE ROCK, 100% FRACTURED. SEE SPECIAL PROVISIONS FOR SPECIFICATIONS.
- 3 RETAINING WALL. SEE AL PLANS FOR LOCATIONS. SEE WP SHEETS FOR WALL PROFILES AND WALL TYPES. SEE SHEET WD1 FOR DETAILS.
- 4 SEE SLOPE RESTORATION DETAILS ON LA SHEETS.
- 5 EXISTING BALLAST BASE.
- 6 SELECT BORROW INCL. HAUL.
- 7 SPLIT RAIL FENCE. COATED CHAIN LINK FENCE TYPE 6 OR GUARDRAIL. SEE AL PLANS FOR LOCATIONS AND TYPES AND SEE DETAILS ON SHEET MD1.
- 8 CRUSHED SURFACING BASE COURSE.
- 9 6" TOPSOIL TYPE A. SEE LA SHEETS FOR PLANTING SCHEDULE.
- 10 STORMWATER DISPERSION AREA. FILL WITH TOPSOIL TYPE A AS NEEDED TO ACHIEVE SLOPE LIMITS. SEE LA SHEETS FOR PLANTING SCHEDULE.

GENERAL NOTES:

1. SEE SHEET CS1 FOR CROSS SLOPE TABLE.

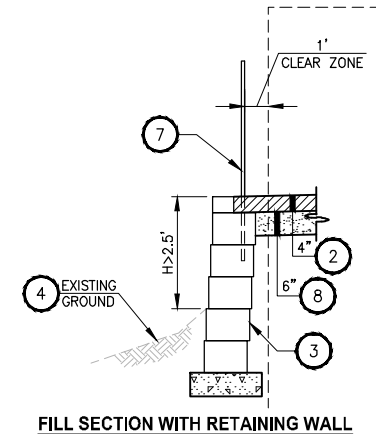
CROSS SLOPE SCHEDULE

ALIGNMENT	STA START	STA END	CROSS SLOPE DIRECTION
B-LINE	283+00	291+00	LT
B-LINE	291+00	317+50	RT
B-LINE	298+75	317+50	LT
B-LINE	317+50	327+00	RT
B-LINE	327+00	338+50	LT
B-LINE	338+50	340+50	RT
B-LINE	340+50	351+50	LT
B-LINE	351+50	359+00	RT
B-LINE	359+00	361+25	LT
B-LINE	361+25	371+06	RT
C-LINE	371+50	379+00	RT
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D-LINE	431+63	459+00	RT
D-LINE	459+00	471+25	LT

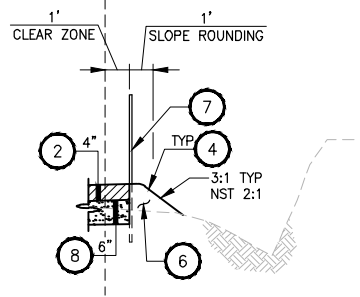


B-LINE STA 283+23 TO STA 292+25
B-LINE STA 295+68 TO STA 298+83
B-LINE STA 300+45 TO STA 304+50
B-LINE STA 305+56 TO STA 311+75
B-LINE STA 312+62 TO STA 320+60
B-LINE STA 326+15 TO STA 333+65
B-LINE STA 334+23 TO STA 371+06
C-LINE STA 371+50 TO STA 385+40
C-LINE STA 390+20 TO STA 400+00
C-LINE STA 401+50 TO STA 401+60
C-LINE STA 401+87 TO STA 401+94
C-LINE STA 402+30 TO STA 411+73
C-LINE STA 413+15 TO STA 413+46
D-LINE STA 418+54 TO STA 420+25
D-LINE STA 424+20 TO STA 424+49
D-LINE STA 424+67 TO STA 426+34
D-LINE STA 431+63 TO STA 435+90
D-LINE STA 438+20 TO STA 441+32
D-LINE STA 444+20 TO STA 444+61
D-LINE STA 445+00 TO STA 445+78
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D-LINE STA 452+49 TO STA 455+48
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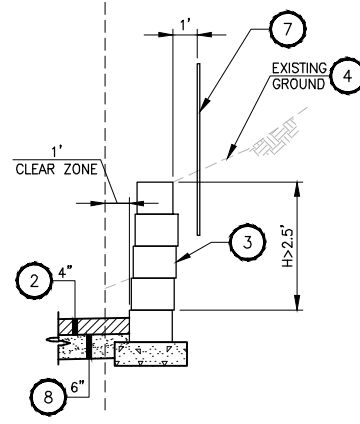
TYPICAL SECTION A
NO SCALE



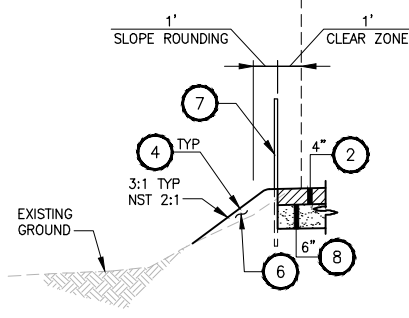
FILL SECTION WITH RETAINING WALL



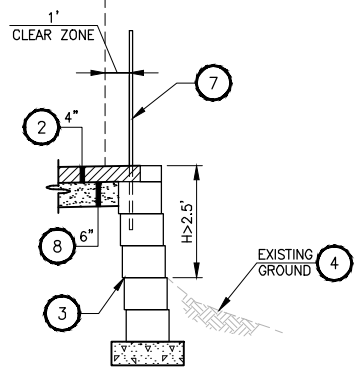
FILL SECTION WITH FENCE



CUT SECTION WITH RETAINING WALL



FILL SECTION WITH FENCE



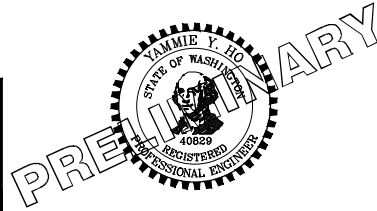
FILL SECTION WITH RETAINING WALL

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
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			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

TYPICAL CROSS SECTIONS

SHEET NO.
 30 OF 158
CS1

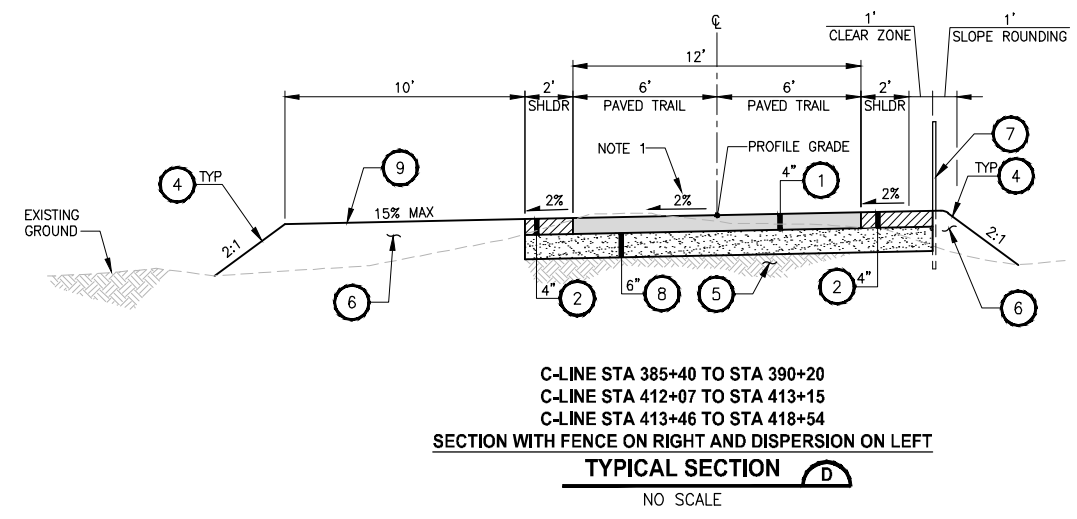
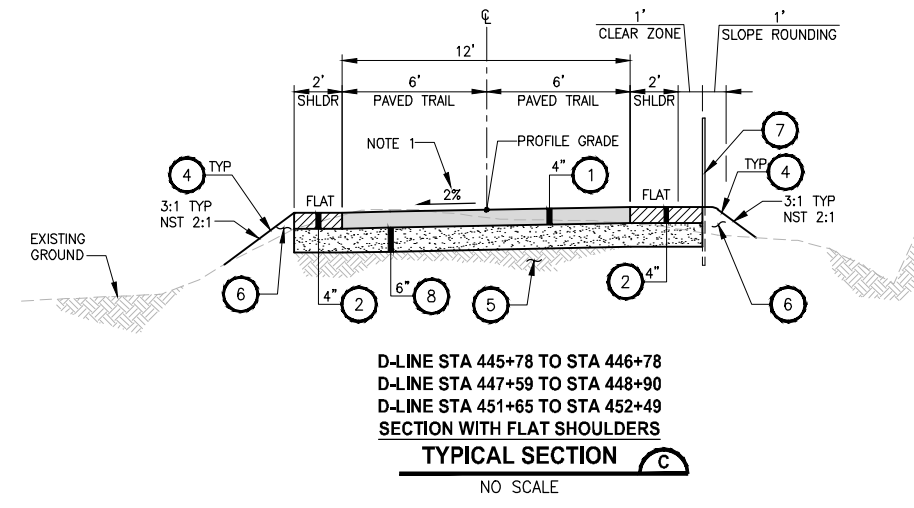
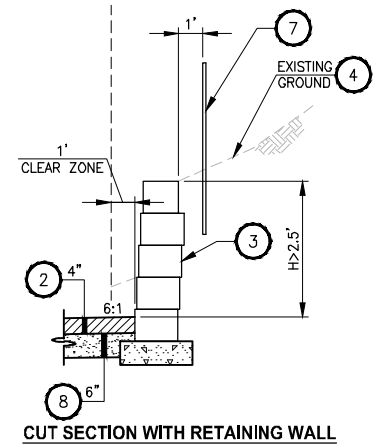
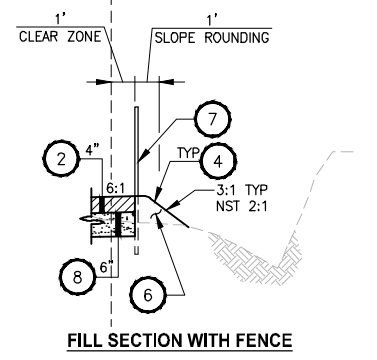
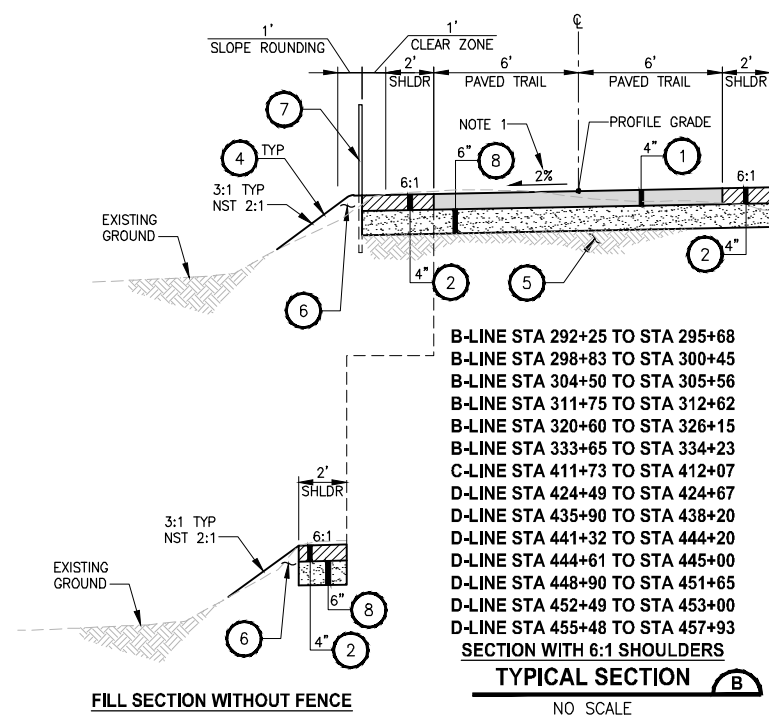
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 PLOTTED BY: purguban DATE: Friday, July 07, 2017 4:48:14 PM

CONSTRUCTION NOTES:

- 1 HMA CL. 3/8" PG 64-22.
- 2 5/8" MINUS CRUSHED LEDGE ROCK, 100% FRACTURED. SEE SPECIAL PROVISIONS FOR SPECIFICATIONS.
- 3 RETAINING WALL, SEE AL PLANS FOR LOCATIONS. SEE WP SHEETS FOR WALL PROFILES AND WALL TYPES. SEE SHEET WD1 FOR DETAILS.
- 4 SEE SLOPE RESTORATION DETAILS ON LA SHEETS.
- 5 EXISTING BALLAST BASE.
- 6 SELECT BORROW INCL. HAUL.
- 7 SPLIT RAIL FENCE, COATED CHAIN LINK FENCE TYPE 6 OR GUARDRAIL. SEE AL PLANS FOR LOCATIONS AND TYPES AND SEE DETAILS ON SHEET MD1.
- 8 CRUSHED SURFACING BASE COURSE.
- 9 6" TOPSOIL TYPE A. SEE LA SHEETS FOR PLANTING SCHEDULE.
- 10 STORMWATER DISPERSION AREA. FILL WITH TOPSOIL TYPE A AS NEEDED TO ACHIEVE SLOPE LIMITS. SEE LA SHEETS FOR PLANTING SCHEDULE.

GENERAL NOTES:

1. SEE SHEET CS1 FOR CROSS SLOPE TABLE.



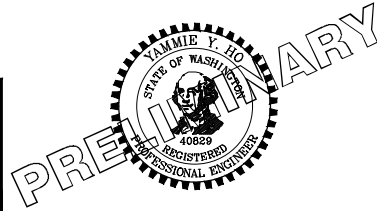
CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			BPURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P19T03CS-01
JOB No: 554-1521-075 P19 T03
DATE: JULY 2017



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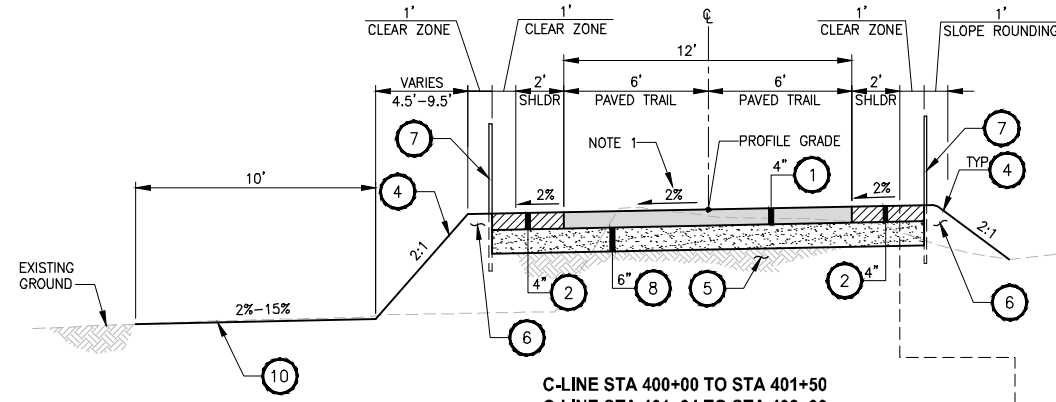
PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

TYPICAL CROSS SECTIONS

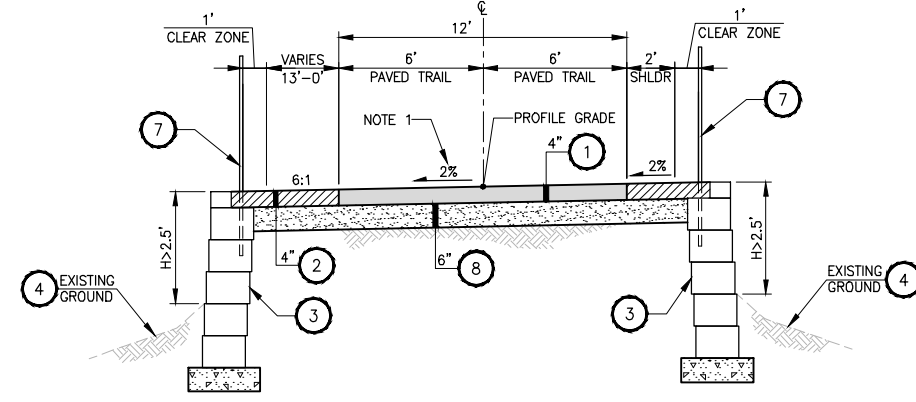
SHEET NO.
31 OF 158

CS2

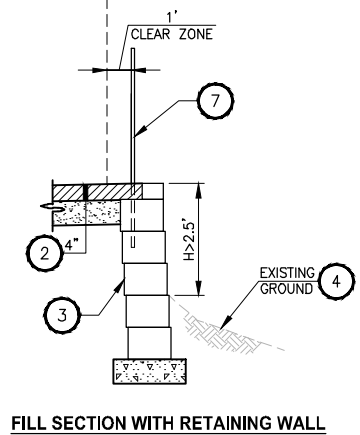
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C-LINE STA 400+00 TO STA 401+50
 C-LINE STA 401+94 TO STA 402+30
 C-LINE STA 408+27 TO STA 410+83
 C-LINE STA 411+06 TO STA 411+72
 D-LINE STA 420+25 TO STA 424+20
 D-LINE STA 426+34 TO STA 431+63
SECTION WITH FENCE AND DISPERSION ON LEFT
TYPICAL SECTION E
 NO SCALE



C-LINE STA 401+60 TO STA 401+87
SECTION WITH FILL WALL AND 6:1 SHOULDER (>2' WIDE) ON LEFT
TYPICAL SECTION F
 NO SCALE



FILL SECTION WITH RETAINING WALL

CONSTRUCTION NOTES:

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GENERAL NOTES:

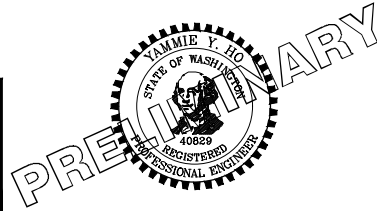
1. SEE SHEET CS1 FOR CROSS SLOPE TABLE.

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
 NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P19T03CS-01
 JOB No: 554-1521-075 P19 T03
 DATE: JULY 2017



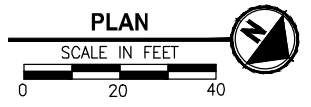
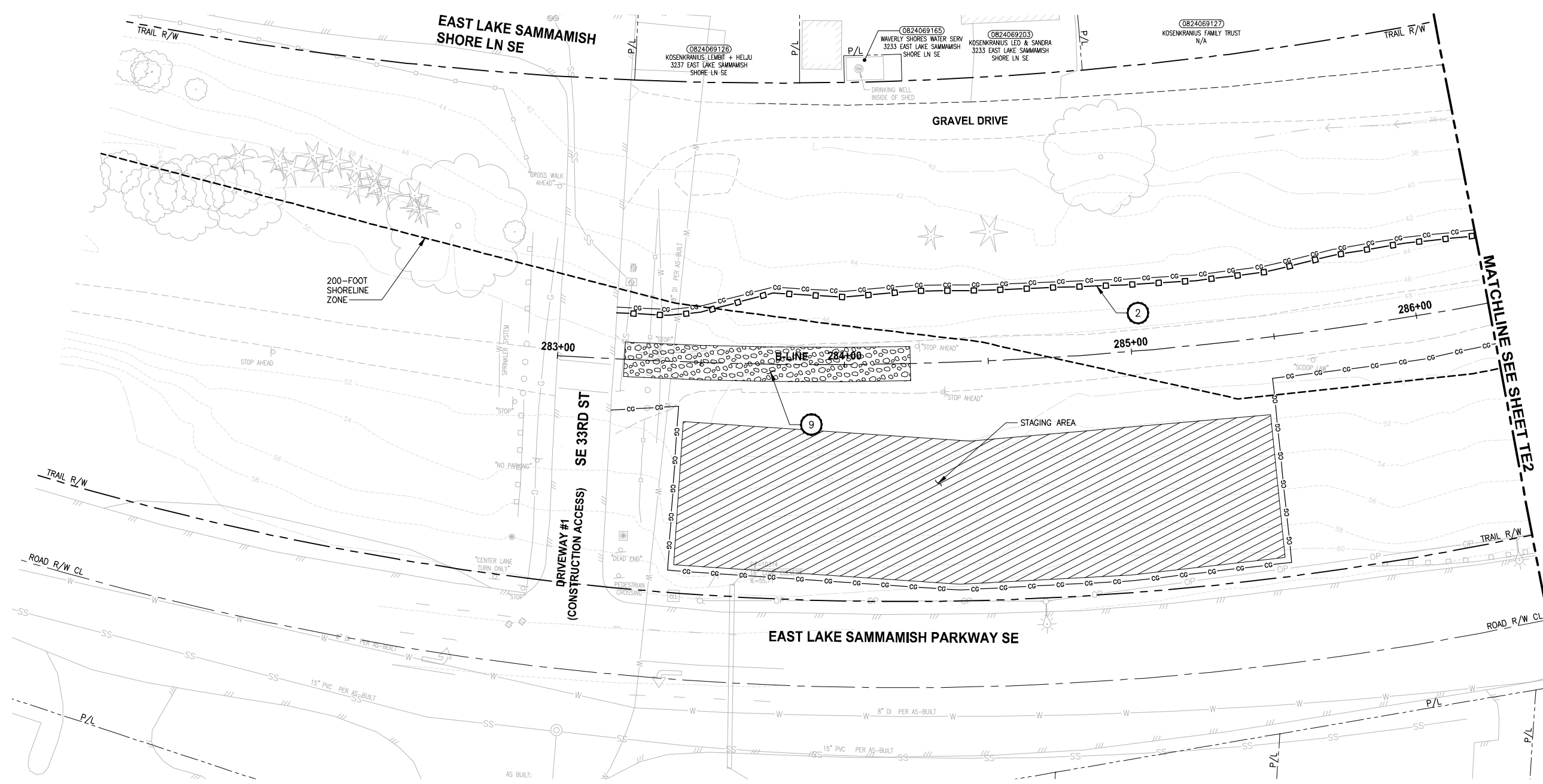
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PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

TYPICAL CROSS SECTIONS

SHEET NO.
 32 OF 158
CS3

PATH: U:\PSO\Projects\Clients\1521-075-ELST\96\SS\CA00\Phase 19\T03 C&M(Dwg).
 PLOTTED BY: purgabat DATE: Friday, July 07, 2017 4:48:54 PM
 LAYOUT: TE1



- CONSTRUCTION NOTES:**
- CHECK DAMS ON CHANNELS, PER WSDOT STANDARD DETAIL I-50.20-01. USE BIODEGRADABLE CHECK DAMS.
 - HIGH VISIBILITY SILT FENCE WITH BACKUP SUPPORT, PER WSDOT STANDARD DETAIL I-30.16-00. INSTALL FENCE AT C&G LIMITS. THE LINES SHOWN ARE OFFSET FOR PLAN CLARITY PURPOSES.
 - STABILIZED CONSTRUCTION ENTRANCE PER WSDOT STD DETAIL I-80.10-01.
 - STORM DRAIN INLET PROTECTION, PER WSDOT STANDARD DETAIL I-40.20-00.
 - EROSION CONTROL AT CULVERT ENDS, PER WSDOT STANDARD DETAIL I-30.20-00.
 - SANDBAG DAM, DEWATER CONSTRUCTION AREA DURING CULVERT WORK.
 - INSTALL TEMPORARY BYPASS TO DIVERT WATER AROUND WORK ZONE. PROTECT DISCHARGE AREA FROM EROSION WITH PLASTIC SHEETING.
 - TRIANGULAR SILT DIKE.
- LEGEND:**
- CG CG CG CLEARING AND GRUBBING
 - □ □ HIGH VISIBILITY SILT FENCE
 - TSD — TRIANGULAR SILT DIKE
 - WATTLE CHECK DAM
 - INLET PROTECTION
 - SANDBAG DAM
 - TEMPORARY DRAIN PIPE
 - STAGING AREA
 - STABILIZED CONSTRUCTION ENTRANCE
 - NPDES CONSTRUCTION STORMWATER DISCHARGE MONITORING POINT (MP #5)

- GENERAL NOTES:**
- CONSTRUCTION METHODS SHALL COMPLY WITH THE TERMS AND CONDITIONS OF THE HPA PERMIT. ISOLATE IN-WATER WORK AREAS USING DAMS. APPROPRIATE FISH EXCLUSION METHODS SHALL BE USED PRIOR TO IN-WATER WORK.
 - CONTRACTOR SHALL PREVENT CONCRETE PROCESS AND WASH WATER FROM ENTERING DOWNSTREAM SURFACE WATER.
 - THE CONTRACTOR SHALL ENSURE THAT ALL EXISTING DRAINAGE PATTERNS ARE MAINTAINED DURING AND AFTER CONSTRUCTION.
 - SEE CONTRACT DOCUMENTS FOR PROJECT PERMITS.
 - PRIVATE DRIVEWAYS ARE NOT AVAILABLE FOR CONSTRUCTION ACCESS.
 - SEE SPECIAL PROVISIONS FOR MAINTENANCE AND REMOVAL OF TESC BMPs.
 - SEE SP SHEETS FOR TREES TO BE REMOVED.
 - STAGING AREAS SHALL BE RESTORED TO EXISTING CONDITIONS.

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
 NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			C. BUIRAGO
			B. PURGANAN
			P. JONANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P19T03TE-01
 JOB No.: 54-1521-075 P19 T03
 DATE: JULY 2017



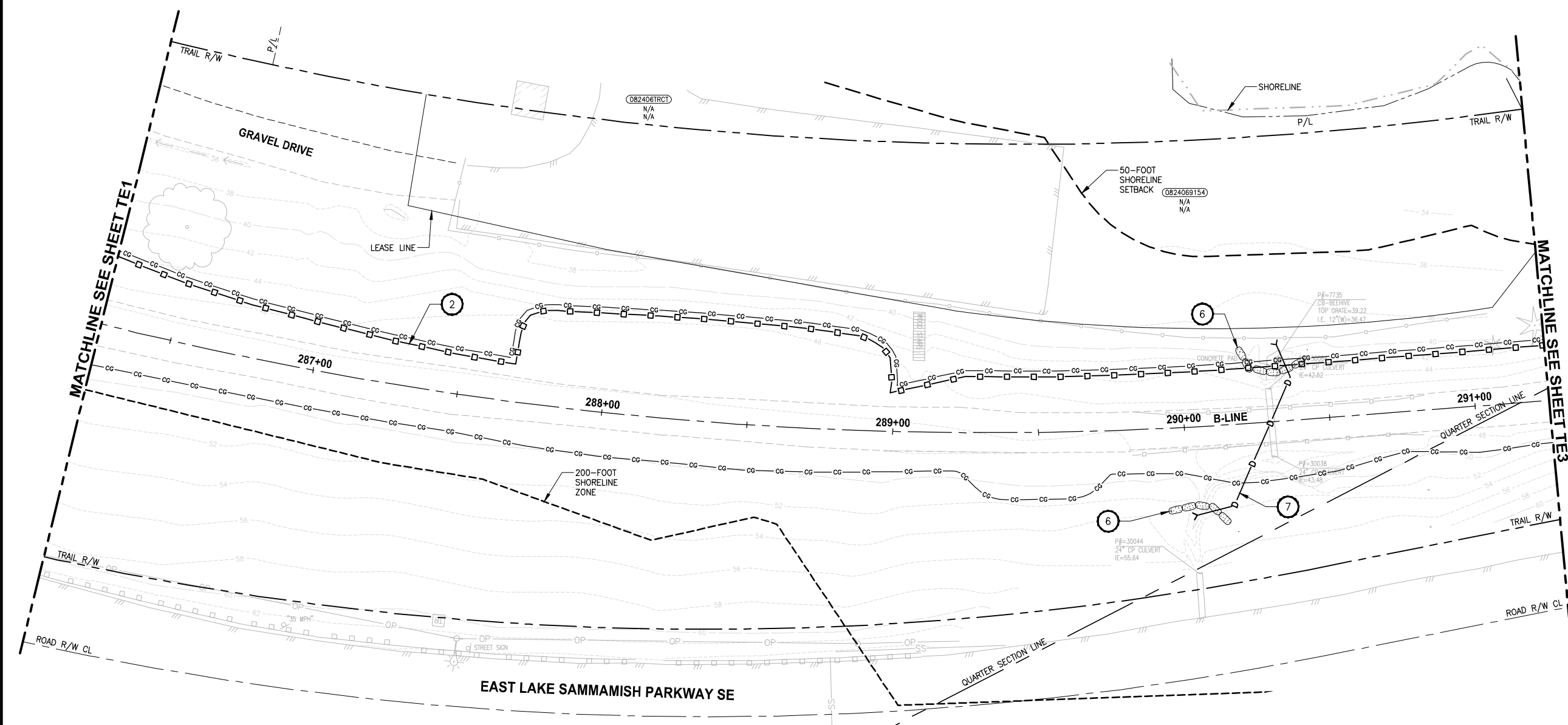
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

TESC PLAN

SHEET NO.
 33 OF 158
TE1

PATH: U:\P50\Projects\Clients\1521-075-ELST\985Secs\CADD\Phase 19\T03 CIV\DWG\ PLOTTED BY: purgubut DATE: Friday, July 07, 2017 4:48:09 PM LAYOUT: TE2



- CONSTRUCTION NOTES:**
- CHECK DAMS ON CHANNELS, PER WSDOT STANDARD DETAIL 1-50.20-01. USE BIODEGRADABLE CHECK DAMS.
 - HIGH VISIBILITY SILT FENCE WITH BACKUP SUPPORT, PER WSDOT STANDARD DETAIL 1-30.16-00. INSTALL FENCE AT C&G LIMITS. THE LINES SHOWN ARE OFFSET FOR PLAN CLARITY PURPOSES.
 - STABILIZED CONSTRUCTION ENTRANCE PER WSDOT STD DETAIL 1-80.10-01.
 - STORM DRAIN INLET PROTECTION, PER WSDOT STANDARD DETAIL 1-40.20-00.
 - EROSION CONTROL AT CULVERT ENDS, PER WSDOT STANDARD DETAIL 1-30.20-00.
 - SANDBAG DAM. DEWATER CONSTRUCTION AREA DURING CULVERT WORK.
 - INSTALL TEMPORARY BYPASS TO DIVERT WATER AROUND WORK ZONE. PROTECT DISCHARGE AREA FROM EROSION WITH PLASTIC SHEETING.
 - TRIANGULAR SILT DIKE.
- LEGEND:**
- CG CG CG CLEARING AND GRUBBING
 - □ □ HIGH VISIBILITY SILT FENCE
 - TSD TRIANGULAR SILT DIKE
 - WATTLE CHECK DAM
 - INLET PROTECTION
 - SANDBAG DAM
 - TEMPORARY DRAIN PIPE
 - STAGING AREA
 - STABILIZED CONSTRUCTION ENTRANCE
 - NPDES CONSTRUCTION STORMWATER DISCHARGE MONITORING POINT (MP #5)

- GENERAL NOTES:**
- CONSTRUCTION METHODS SHALL COMPLY WITH THE TERMS AND CONDITIONS OF THE HPA PERMIT. ISOLATE IN-WATER WORK AREAS USING DAMS. APPROPRIATE FISH EXCLUSION METHODS SHALL BE USED PRIOR TO IN-WATER WORK.
 - CONTRACTOR SHALL PREVENT CONCRETE PROCESS AND WASH WATER FROM ENTERING DOWNSTREAM SURFACE WATER.
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 - PRIVATE DRIVEWAYS ARE NOT AVAILABLE FOR CONSTRUCTION ACCESS.
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 - SEE SP SHEETS FOR TREES TO BE REMOVED.
 - STAGING AREAS SHALL BE RESTORED TO EXISTING CONDITIONS.

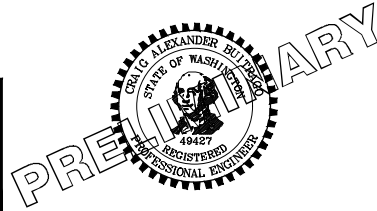
CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			C. BUIRAGO
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P19T03TE-01
JOB No: 554-1521-075 P19 T03
DATE: JULY 2017



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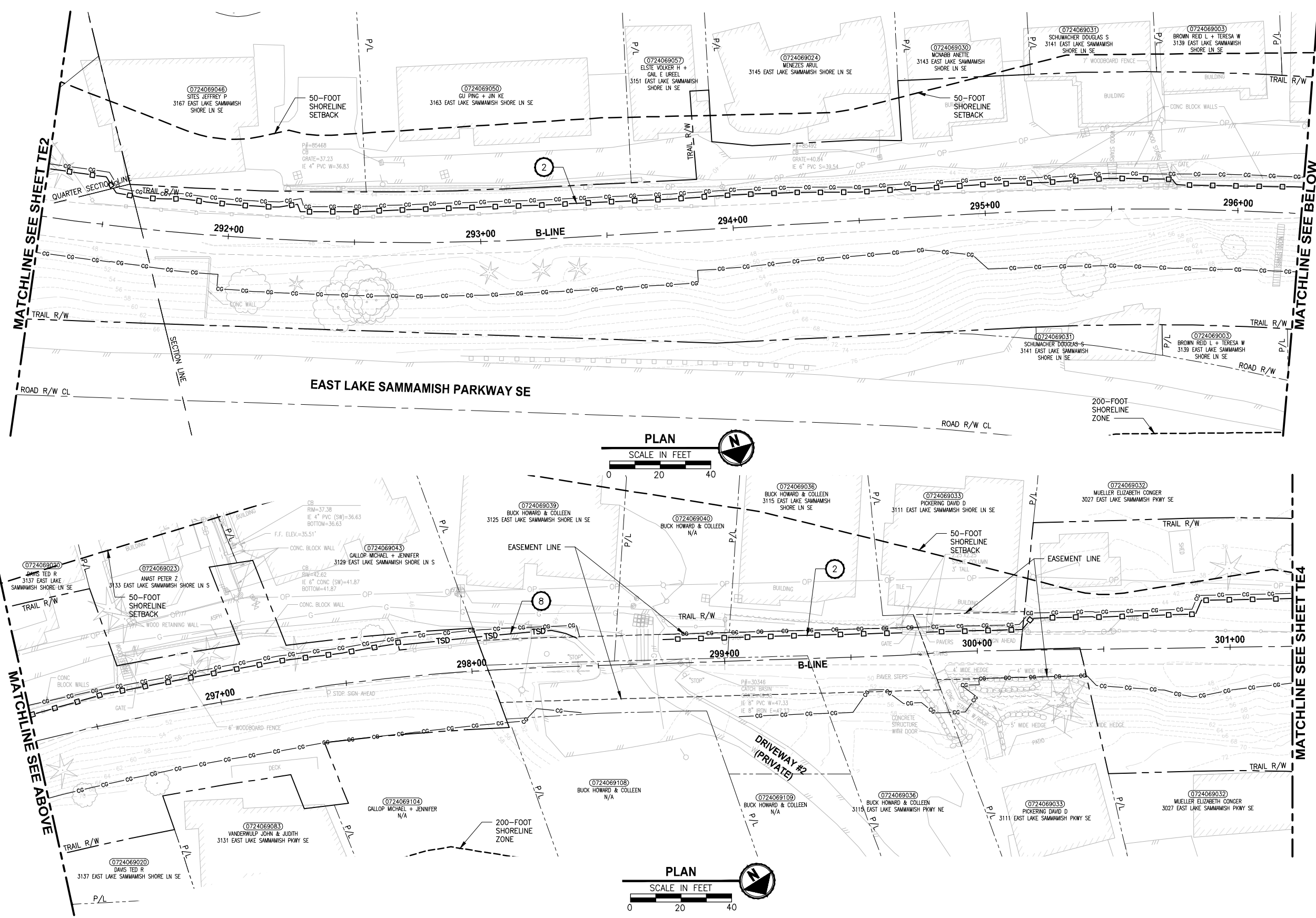
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P 206.394.3700
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PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

TESC PLAN

SHEET NO.
34 OF 158
TE2

PATH: U:\PSD\Projects\Clients\1521-075-ELST\985\CAADD\Phase 19\T03_CIV\DWG\ LAYOUT: TE3 PLOTTED BY: purgaban DATE: Friday, July 07, 2017 4:48:35 PM



- CONSTRUCTION NOTES:**
- CHECK DAMS ON CHANNELS, PER WSDOT STANDARD DETAIL 1-50.20-01. USE BIODEGRADABLE CHECK DAMS.
 - HIGH VISIBILITY SILT FENCE WITH BACKUP SUPPORT, PER WSDOT STANDARD DETAIL 1-30.16-00. INSTALL FENCE AT C&G LIMITS. THE LINES SHOWN ARE OFFSET FOR PLAN CLARITY PURPOSES.
 - STABILIZED CONSTRUCTION ENTRANCE PER WSDOT STD DETAIL 1-80.10-01.
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 - TRIANGULAR SILT DIKE.
- LEGEND:**
- CG CG CG CLEARING AND GRUBBING
 - □ □ HIGH VISIBILITY SILT FENCE
 - TSD TRIANGULAR SILT DIKE
 - WATTLE CHECK DAM
 - INLET PROTECTION
 - SANDBAG DAM
 - TEMPORARY DRAIN PIPE
 - STAGING AREA
 - STABILIZED CONSTRUCTION ENTRANCE
 - MP #5 NPDES CONSTRUCTION STORMWATER DISCHARGE MONITORING POINT

- GENERAL NOTES:**
- CONSTRUCTION METHODS SHALL COMPLY WITH THE TERMS AND CONDITIONS OF THE HPA PERMIT. ISOLATE IN-WATER WORK AREAS USING DAMS. APPROPRIATE FISH EXCLUSION METHODS SHALL BE USED PRIOR TO IN-WATER WORK.
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 - SEE SPECIAL PROVISIONS FOR MAINTENANCE AND REMOVAL OF TESC BMPs.
 - SEE SP SHEETS FOR TREES TO BE REMOVED.
 - STAGING AREAS SHALL BE RESTORED TO EXISTING CONDITIONS.

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

NO.	REVISIONS	DATE	BY	DESIGNED	CHECKED	APPROVED
				C. BUIRAGO	P. JOHANNESSEN	Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
FILE NAME: BL1521075P19T03E-01
JOB No: 554-1521-075 P19 T03
DATE: JULY 2017

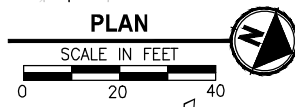
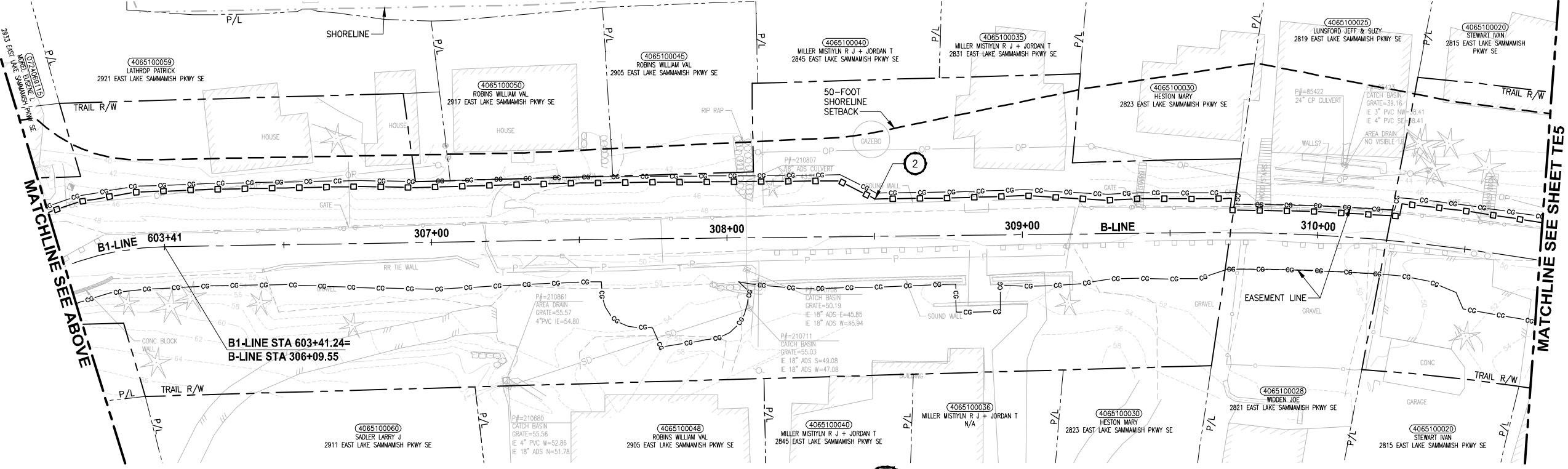
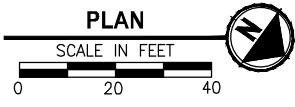
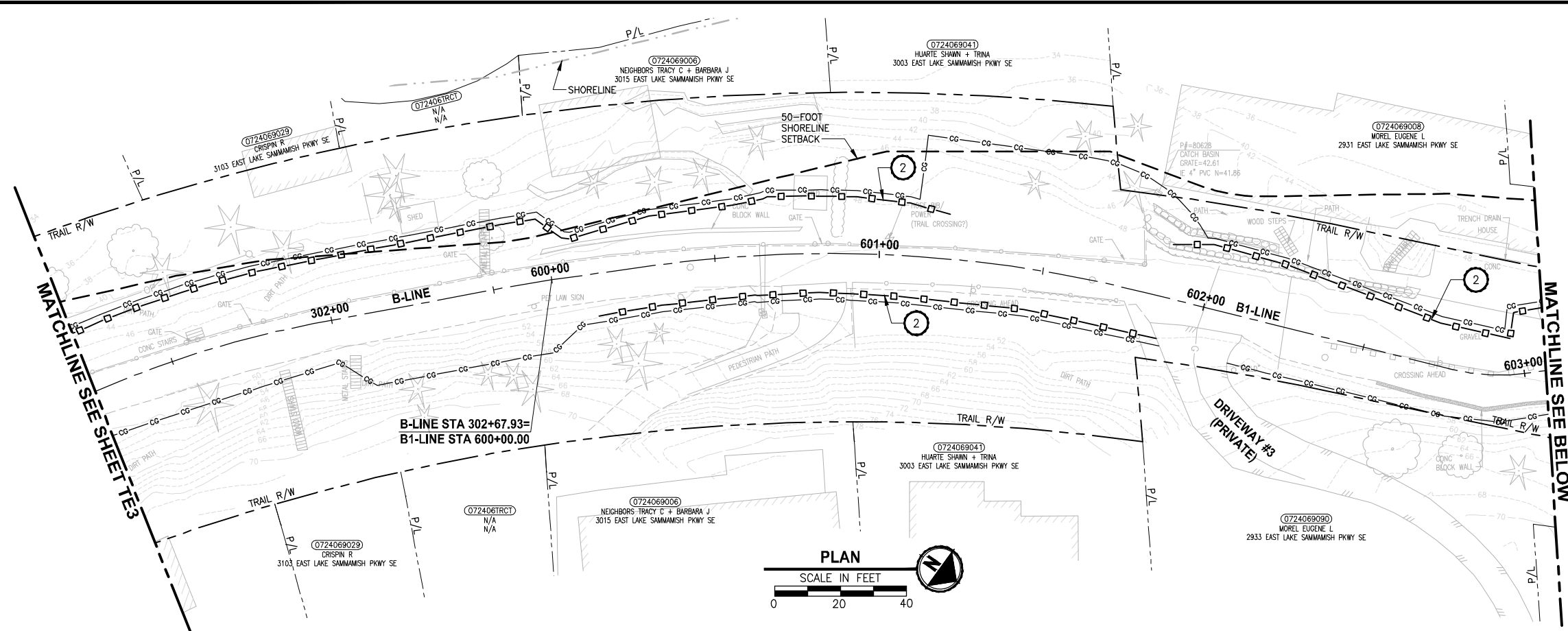


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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
SAMMAMISH, WA

TESC PLAN
SHEET NO. 35 OF 158
TE3

PATH: U:\P50\Projects\Clients\1521-075-ELST\985\CAADD\Phase 19\T03_CIV\DWG\ PLOTTED BY: purgaban DATE: Friday, July 07, 2017 4:48:57 PM LAYOUT: TE4



- CONSTRUCTION NOTES:**
- CHECK DAMS ON CHANNELS, PER WSDOT STANDARD DETAIL 1-50.20-01. USE BIODEGRADABLE CHECK DAMS.
 - HIGH VISIBILITY SILT FENCE WITH BACKUP SUPPORT, PER WSDOT STANDARD DETAIL 1-30.16-00. INSTALL FENCE AT C&G LIMITS. THE LINES SHOWN ARE OFFSET FOR PLAN CLARITY PURPOSES.
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 - TRIANGULAR SILT DIKE.
- LEGEND:**
- CG CG CG CLEARING AND GRUBBING
 - □ □ HIGH VISIBILITY SILT FENCE
 - △ TRIANGULAR SILT DIKE
 - TSD — WATTLE CHECK DAM
 - INLET PROTECTION
 - ▒ SANDBAG DAM
 - D — D — TEMPORARY DRAIN PIPE
 - ▒ STAGING AREA
 - ▒ STABILIZED CONSTRUCTION ENTRANCE
 - MP #5 NPDES CONSTRUCTION STORMWATER DISCHARGE MONITORING POINT

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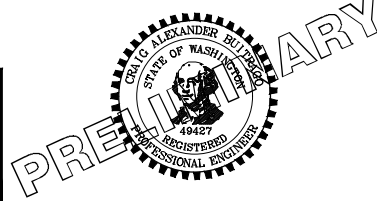
CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			C. BUIRAGO
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P19T03TE-01
JOB No.: 554-1521-075 P19 T03
DATE: JULY 2017



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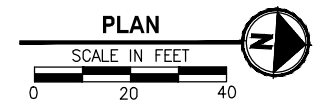
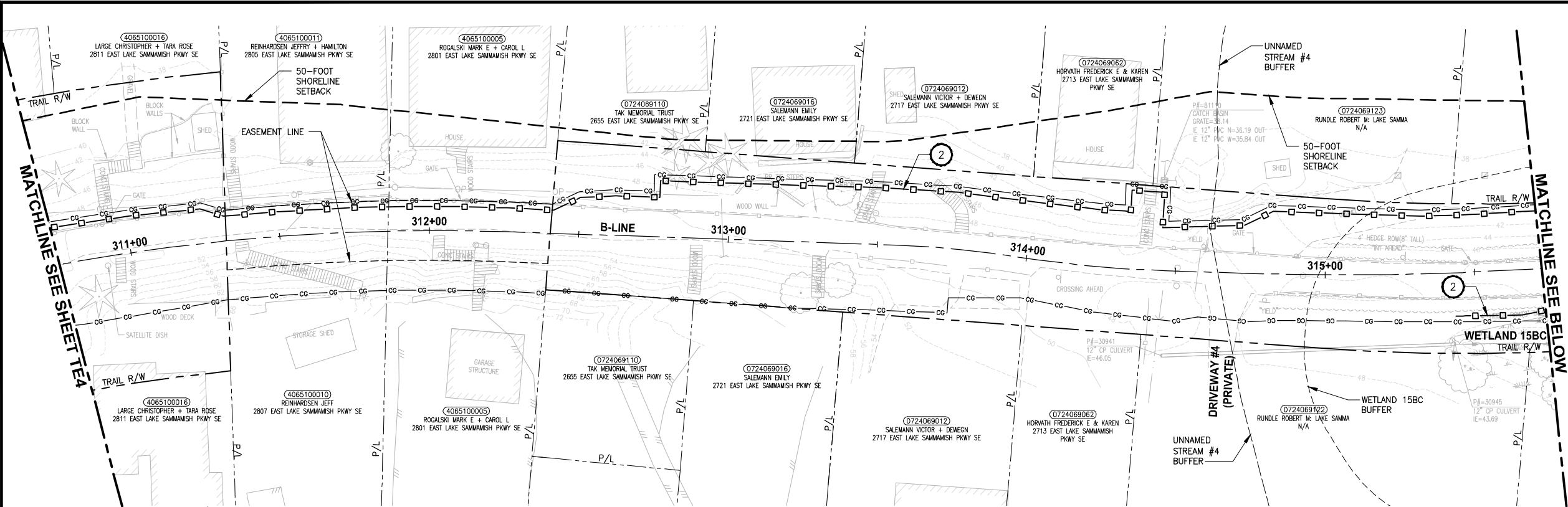
PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
SAMMAMISH, WA

SHEET NO.
36 OF 158

TESC PLAN

TE4

PATH: U:\PSO\Projects\Clients\1521-075-ELST-985\CS\CADD\Phase 19\T03 CIV\DWG\ PLOTTED BY: purgaban DATE: Friday, July 07, 2017 4:50:23 PM LAYOUT: TE5



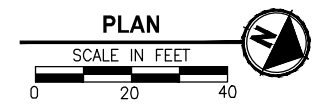
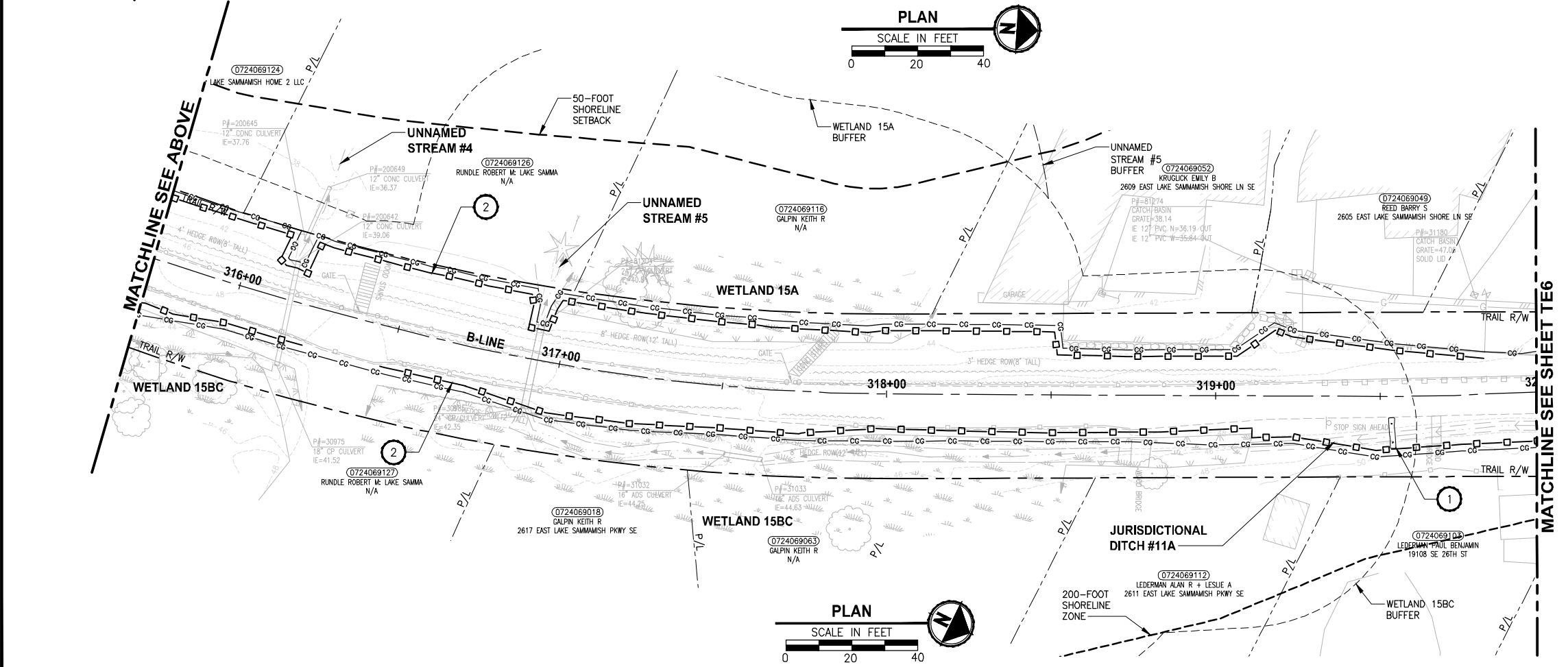
- CONSTRUCTION NOTES:**
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 - TRIANGULAR SILT DIKE.
- LEGEND:**
- CG CG CG CLEARING AND GRUBBING
 - □ □ HIGH VISIBILITY SILT FENCE
 - △ TSD TRIANGULAR SILT DIKE
 - ▭ WATTLE CHECK DAM
 - INLET PROTECTION
 - ▨ SANDBAG DAM
 - D — D TEMPORARY DRAIN PIPE
 - ▭ STAGING AREA
 - ▭ STABILIZED CONSTRUCTION ENTRANCE
 - MP #5 NPDES CONSTRUCTION STORMWATER DISCHARGE MONITORING POINT

- GENERAL NOTES:**
- CONSTRUCTION METHODS SHALL COMPLY WITH THE TERMS AND CONDITIONS OF THE HPA PERMIT. ISOLATE IN-WATER WORK AREAS USING DAMS. APPROPRIATE FISH EXCLUSION METHODS SHALL BE USED PRIOR TO IN-WATER WORK.
 - CONTRACTOR SHALL PREVENT CONCRETE PROCESS AND WASH WATER FROM ENTERING DOWNSTREAM SURFACE WATER.
 - THE CONTRACTOR SHALL ENSURE THAT ALL EXISTING DRAINAGE PATTERNS ARE MAINTAINED DURING AND AFTER CONSTRUCTION.
 - SEE CONTRACT DOCUMENTS FOR PROJECT PERMITS.
 - PRIVATE DRIVEWAYS ARE NOT AVAILABLE FOR CONSTRUCTION ACCESS.
 - SEE SPECIAL PROVISIONS FOR MAINTENANCE AND REMOVAL OF TESC BMPs.
 - SEE SP SHEETS FOR TREES TO BE REMOVED.
 - STAGING AREAS SHALL BE RESTORED TO EXISTING CONDITIONS.

CITY OF SAMMAMISH APPROVAL

City Engineer	Date
Community Development	Date

REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION



NO.	REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
1				C. BUIRAGO	B. PURGANAN	P. JOHANNESSEN	Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P19T03TE-01
JOB No. 554-1521-075 P19 T03
DATE: JULY 2017



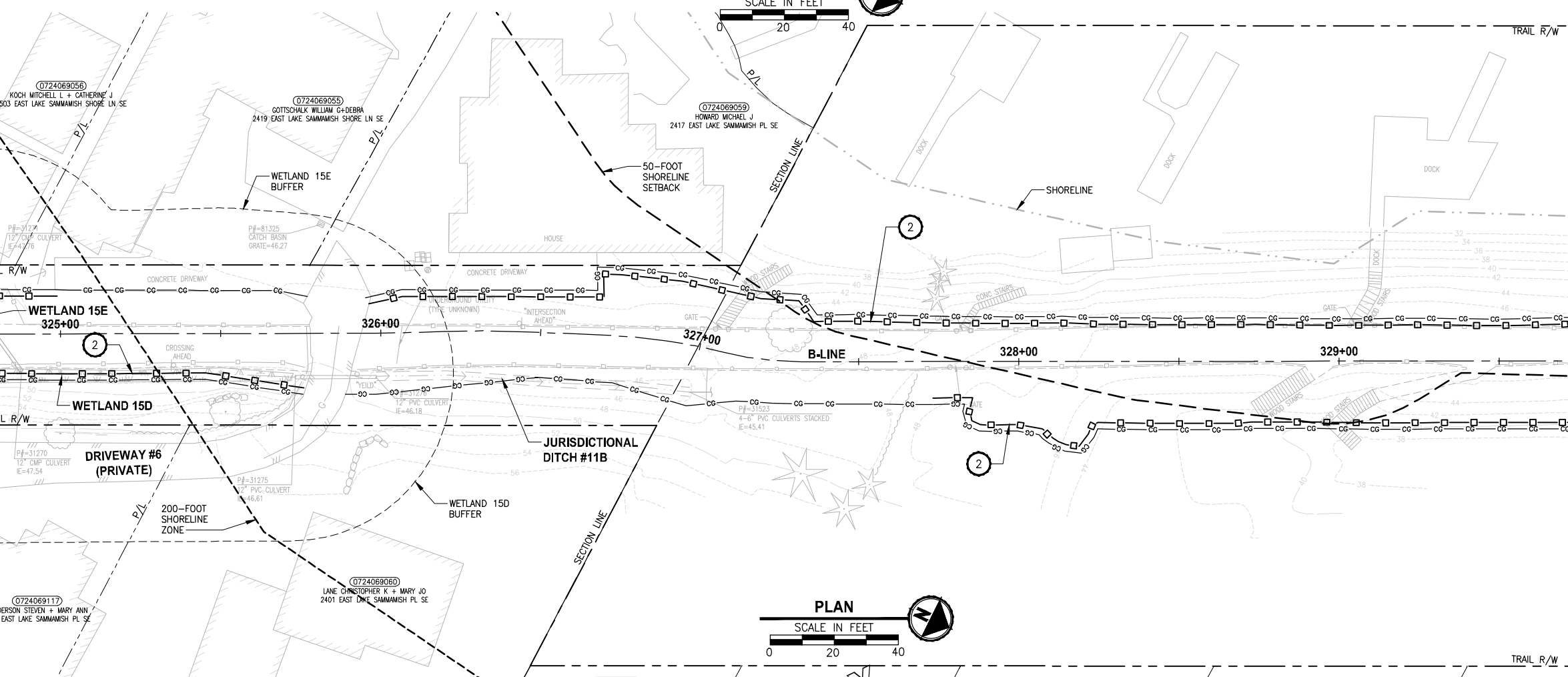
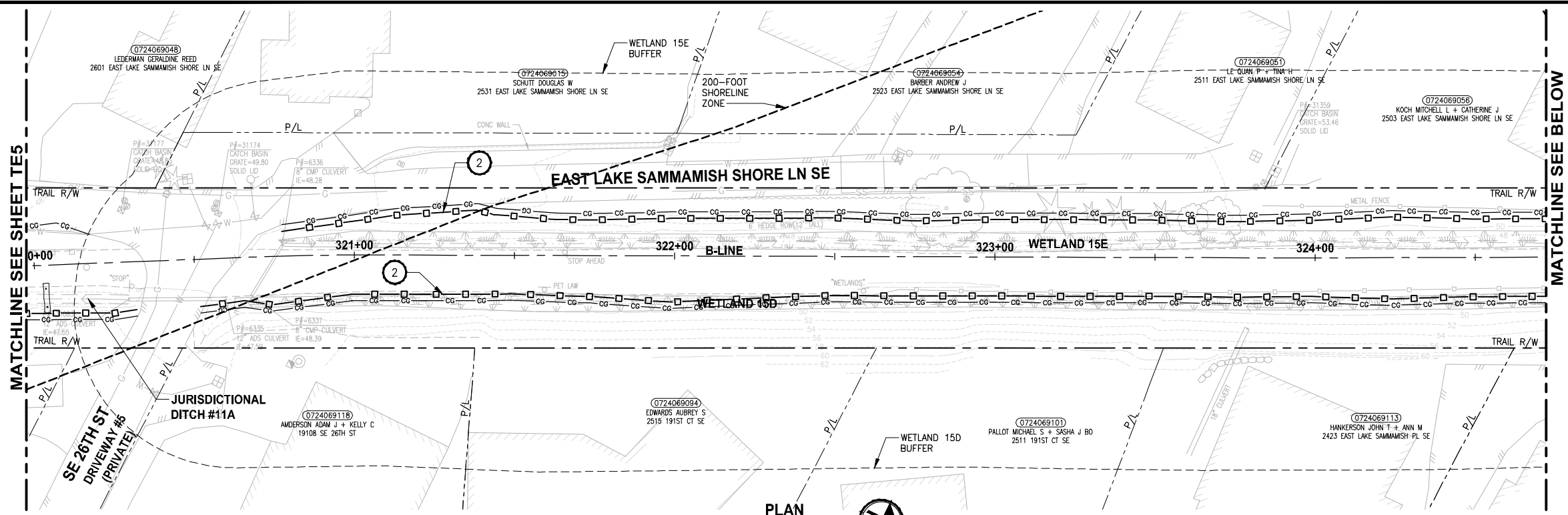
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
SAMMAMISH, WA

SHEET NO. 37 OF 158
TESC PLAN
TE5

PATH: U:\P50\Projects\Clients\1521-075-ELST\95\Secs\CADD\Phase 19\T03_Civil\DWG\ LAYOUT: TE6 PLOTTED BY: purgaban DATE: Friday, July 07, 2017 4:50:48 PM



- CONSTRUCTION NOTES:**
- CHECK DAMS ON CHANNELS, PER WSDOT STANDARD DETAIL I-50.20-01. USE BIODEGRADABLE CHECK DAMS.
 - HIGH VISIBILITY SILT FENCE WITH BACKUP SUPPORT, PER WSDOT STANDARD DETAIL I-30.16-00. INSTALL FENCE AT C&G LIMITS. THE LINES SHOWN ARE OFFSET FOR PLAN CLARITY PURPOSES.
 - STABILIZED CONSTRUCTION ENTRANCE PER WSDOT STD DETAIL I-80.10-01.
 - STORM DRAIN INLET PROTECTION, PER WSDOT STANDARD DETAIL I-40.20-00.
 - EROSION CONTROL AT CULVERT ENDS, PER WSDOT STANDARD DETAIL I-30.20-00.
 - SANDBAG DAM, DEWATER CONSTRUCTION AREA DURING CULVERT WORK.
 - INSTALL TEMPORARY BYPASS TO DIVERT WATER AROUND WORK ZONE. PROTECT DISCHARGE AREA FROM EROSION WITH PLASTIC SHEETING.
 - TRIANGULAR SILT DIKE.
- LEGEND:**
- CG CG CG CLEARING AND GRUBBING
 - □ □ HIGH VISIBILITY SILT FENCE
 - △ TRIANGULAR SILT DIKE
 - TSD
 - WATTLE CHECK DAM
 - INLET PROTECTION
 - ▒ SANDBAG DAM
 - D — D TEMPORARY DRAIN PIPE
 - ▒ STAGING AREA
 - ▒ STABILIZED CONSTRUCTION ENTRANCE
 - MP #5 NPDES CONSTRUCTION STORMWATER DISCHARGE MONITORING POINT

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CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

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REVISIONS	DATE	BY	DESIGNED
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			P. JOHANNESSEN
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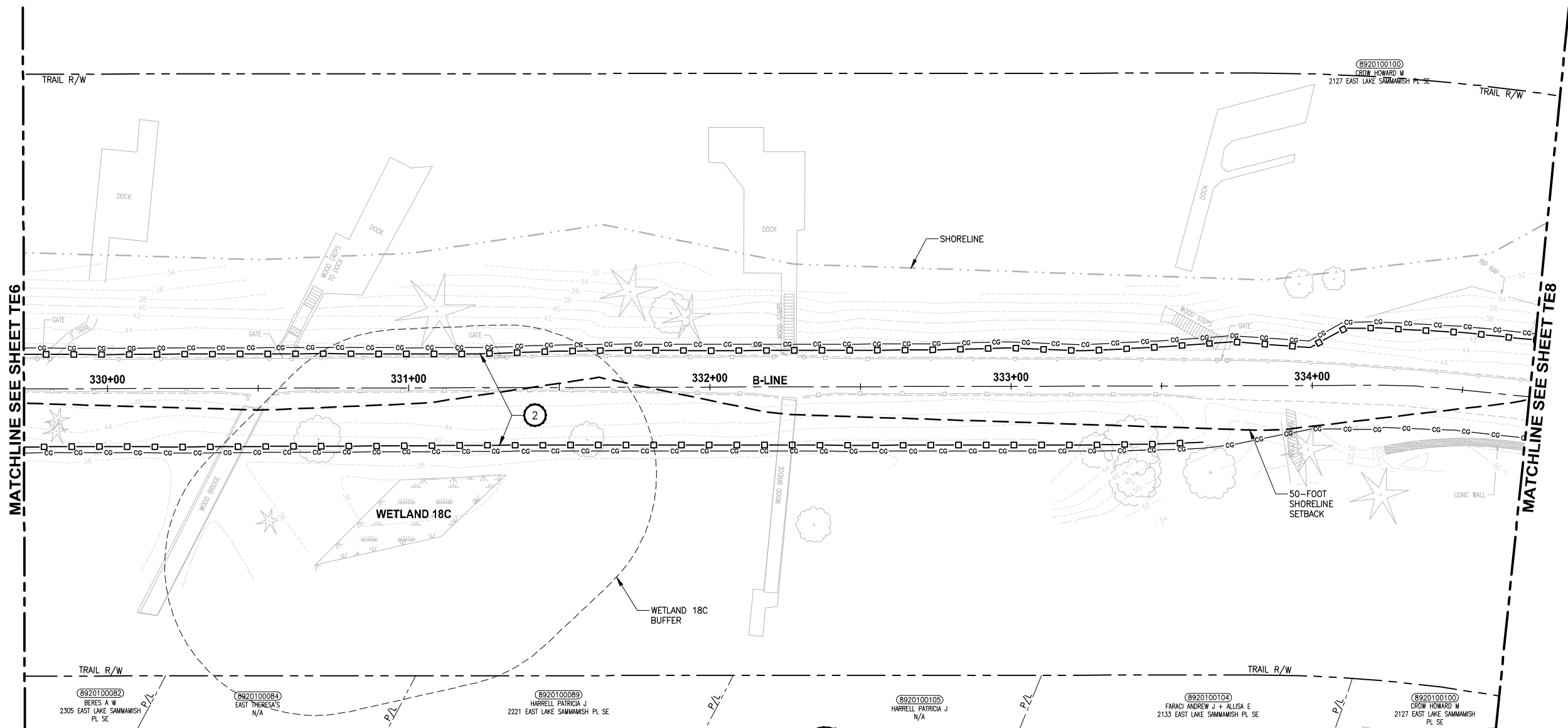
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PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

TESC PLAN

SHEET NO.
38 OF 158
TE6

LAYOUT: TE7
 PATH: U:\P50\Projects\Clients\1521-075-ELSA\985\CAADD\Phase 19\T03 CIV\DWG\
 PLOTTED BY: purgabub DATE: Friday, July 07, 2017 4:51:22 PM



- CONSTRUCTION NOTES:**
- CHECK DAMS ON CHANNELS, PER WSDOT STANDARD DETAIL I-50.20-01. USE BIODEGRADABLE CHECK DAMS.
 - HIGH VISIBILITY SILT FENCE WITH BACKUP SUPPORT, PER WSDOT STANDARD DETAIL I-30.16-00. INSTALL FENCE AT C&G LIMITS. THE LINES SHOWN ARE OFFSET FOR PLAN CLARITY PURPOSES.
 - STABILIZED CONSTRUCTION ENTRANCE PER WSDOT STD DETAIL I-80.10-01.
 - STORM DRAIN INLET PROTECTION, PER WSDOT STANDARD DETAIL I-40.20-00.
 - EROSION CONTROL AT CULVERT ENDS, PER WSDOT STANDARD DETAIL I-30.20-00.
 - SANDBAG DAM, DEWATER CONSTRUCTION AREA DURING CULVERT WORK.
 - INSTALL TEMPORARY BYPASS TO DIVERT WATER AROUND WORK ZONE. PROTECT DISCHARGE AREA FROM EROSION WITH PLASTIC SHEETING.
 - TRIANGULAR SILT DIKE.
- LEGEND:**
- CG CG CG CLEARING AND GRUBBING
 - □ □ HIGH VISIBILITY SILT FENCE
 - TSD TRIANGULAR SILT DIKE
 - WATTLE CHECK DAM
 - INLET PROTECTION
 - SANDBAG DAM
 - TEMPORARY DRAIN PIPE
 - STAGING AREA
 - STABILIZED CONSTRUCTION ENTRANCE
 - MP #5 NPDES CONSTRUCTION STORMWATER DISCHARGE MONITORING POINT

- GENERAL NOTES:**
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CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

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REVISIONS	DATE	BY	DESIGNED
			C. BUITRAGO
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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 FILE NAME: BL1521075P19T03TE-02
 JOB No.: 554-1521-075 P19 T03
 DATE: JULY 2017



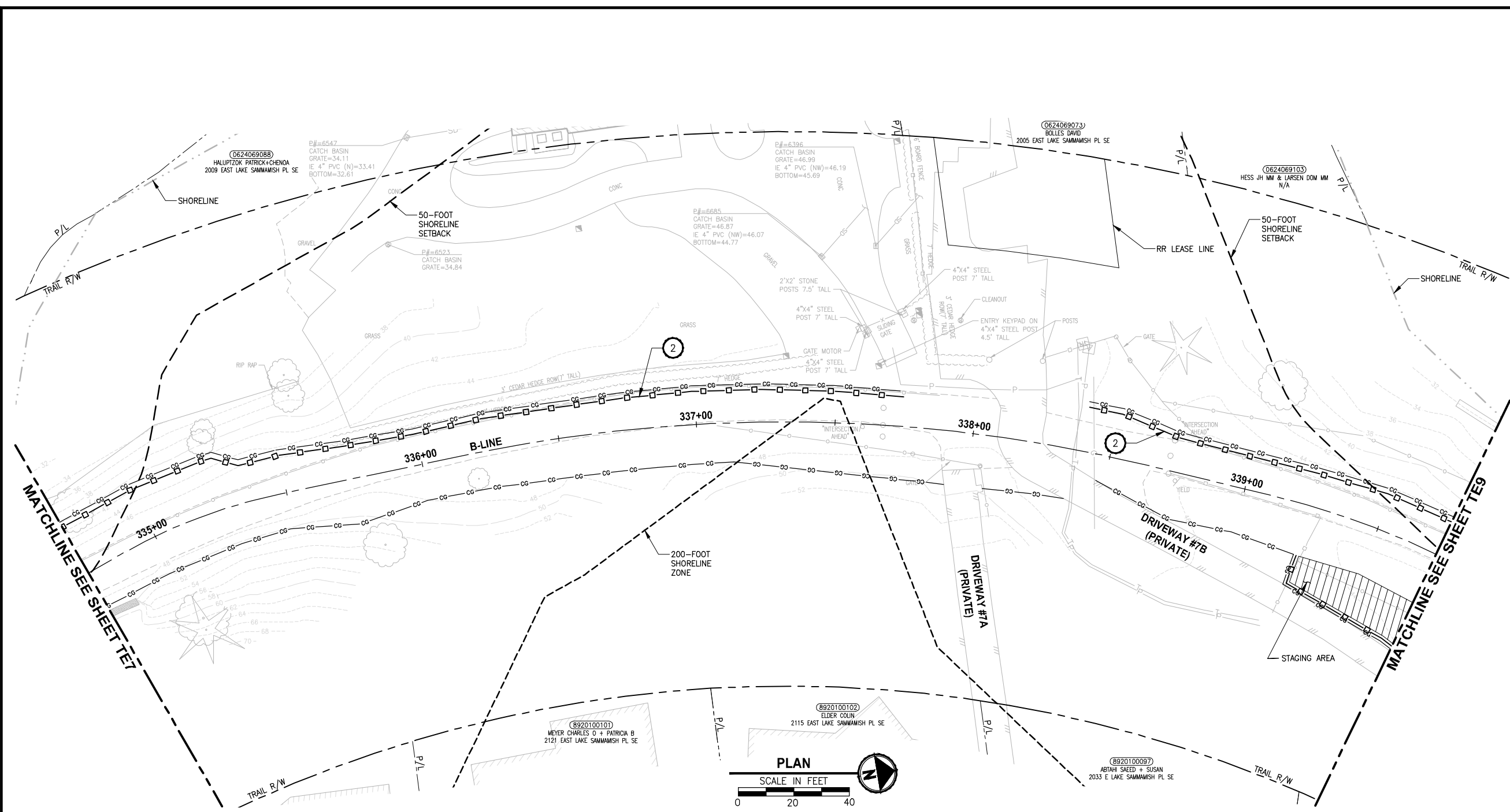
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PROJECT NAME:
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

TESC PLAN

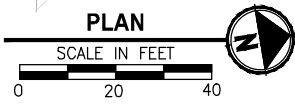
SHEET NO.
 39 OF 158
TE7

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- CONSTRUCTION NOTES:**
- CHECK DAMS ON CHANNELS, PER WSDOT STANDARD DETAIL 1-50.20-01. USE BIODEGRADABLE CHECK DAMS.
 - HIGH VISIBILITY SILT FENCE WITH BACKUP SUPPORT, PER WSDOT STANDARD DETAIL 1-30.16-00. INSTALL FENCE AT C&G LIMITS. THE LINES SHOWN ARE OFFSET FOR PLAN CLARITY PURPOSES.
 - STABILIZED CONSTRUCTION ENTRANCE PER WSDOT STD DETAIL 1-80.10-01.
 - STORM DRAIN INLET PROTECTION, PER WSDOT STANDARD DETAIL 1-40.20-00.
 - EROSION CONTROL AT CULVERT ENDS, PER WSDOT STANDARD DETAIL 1-30.20-00.
 - SANDBAG DAM. DEWATER CONSTRUCTION AREA DURING CULVERT WORK.
 - INSTALL TEMPORARY BYPASS TO DIVERT WATER AROUND WORK ZONE. PROTECT DISCHARGE AREA FROM EROSION WITH PLASTIC SHEETING.
 - TRIANGULAR SILT DIKE.
- LEGEND:**
- CG CG CG CLEARING AND GRUBBING
 - High visibility silt fence symbol
 - TRIANGULAR SILT DIKE
 - WATTLE CHECK DAM
 - INLET PROTECTION
 - SANDBAG DAM
 - TEMPORARY DRAIN PIPE
 - STAGING AREA
 - STABILIZED CONSTRUCTION ENTRANCE
 - NPDES CONSTRUCTION STORMWATER DISCHARGE MONITORING POINT (MP #5)

- GENERAL NOTES:**
- CONSTRUCTION METHODS SHALL COMPLY WITH THE TERMS AND CONDITIONS OF THE HPA PERMIT. ISOLATE IN-WATER WORK AREAS USING DAMS. APPROPRIATE FISH EXCLUSION METHODS SHALL BE USED PRIOR TO IN-WATER WORK.
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CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

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REVISIONS	DATE	BY	DESIGNED
			C. BUITRAGO
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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 FILE NAME: BL1521075P19T03TE-02
 JOB No.: 54-1521-075 P19 T03
 DATE: JULY 2017



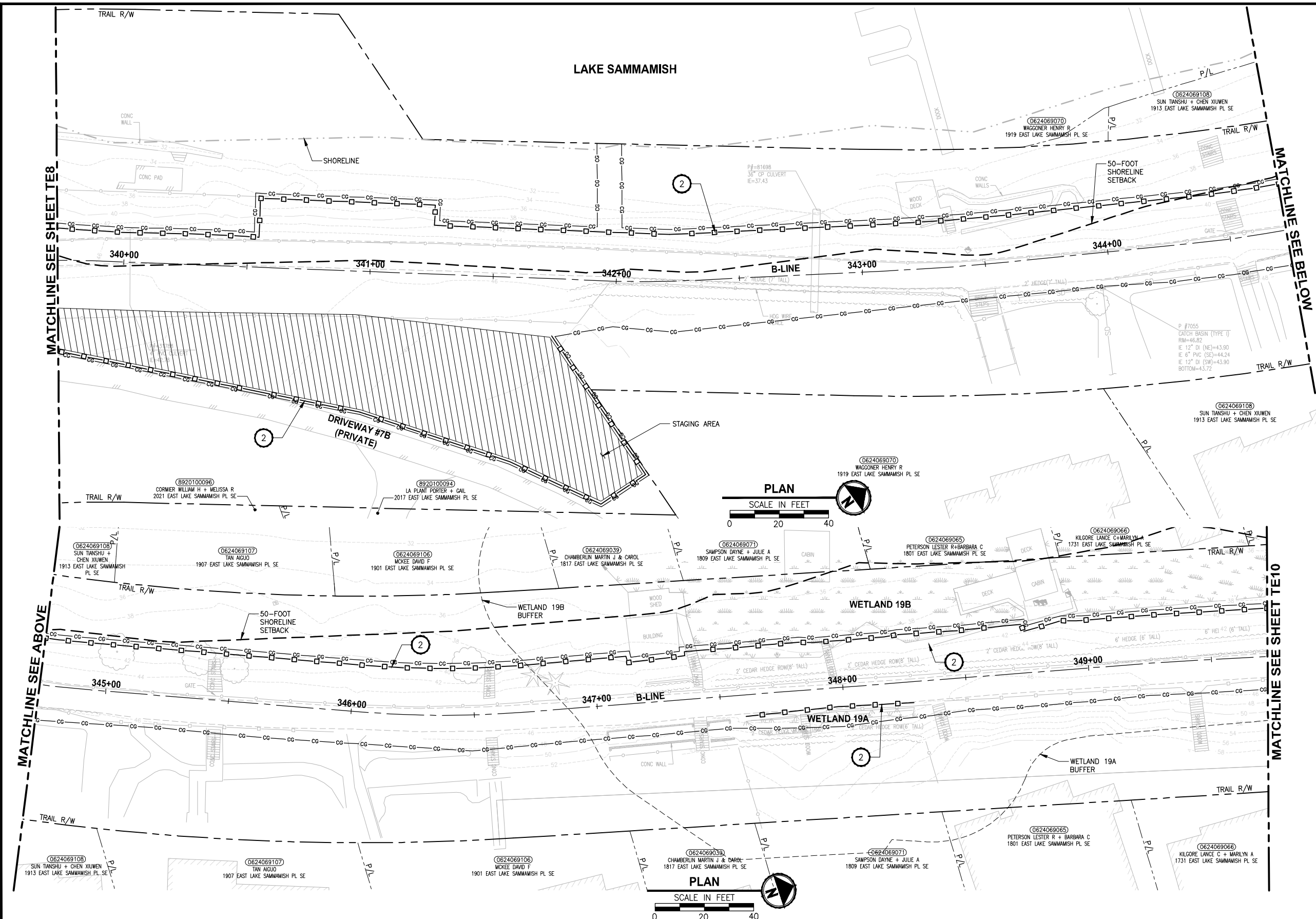
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PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

TESC PLAN

SHEET NO.
 40 OF 158
TE8

PATH: U:\P50\Projects\Clients\1521-075-ELST\95\Spec\CA000\Phase 19\T03_Civil\DWG\ LAYOUT: TE9 PLOTTED BY: purgaban DATE: Friday, July 07, 2017 4:52:02 PM



- CONSTRUCTION NOTES:**
- CHECK DAMS ON CHANNELS, PER WSDOT STANDARD DETAIL I-50.20-01. USE BIODEGRADABLE CHECK DAMS.
 - HIGH VISIBILITY SILT FENCE WITH BACKUP SUPPORT, PER WSDOT STANDARD DETAIL I-30.16-00. INSTALL FENCE AT C&G LIMITS. THE LINES SHOWN ARE OFFSET FOR PLAN CLARITY PURPOSES.
 - STABILIZED CONSTRUCTION ENTRANCE PER WSDOT STD DETAIL I-80.10-01.
 - STORM DRAIN INLET PROTECTION, PER WSDOT STANDARD DETAIL I-40.20-00.
 - EROSION CONTROL AT CULVERT ENDS, PER WSDOT STANDARD DETAIL I-30.20-00.
 - SANDBAG DAM, DEWATER CONSTRUCTION AREA DURING CULVERT WORK.
 - INSTALL TEMPORARY BYPASS TO DIVERT WATER AROUND WORK ZONE. PROTECT DISCHARGE AREA FROM EROSION WITH PLASTIC SHEETING.
 - TRIANGULAR SILT DIKE.
- LEGEND:**
- CG CG CG CLEARING AND GRUBBING
 - □ □ HIGH VISIBILITY SILT FENCE
 - △ TRIANGULAR SILT DIKE
 - ▭ WATTLE CHECK DAM
 - INLET PROTECTION
 - ▨ SANDBAG DAM
 - D — D TEMPORARY DRAIN PIPE
 - ▨ STAGING AREA
 - ▭ STABILIZED CONSTRUCTION ENTRANCE
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- GENERAL NOTES:**
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CITY OF SAMMAMISH APPROVAL

City Engineer	Date
Community Development	Date

REVISED 60% REVIEW SUBMITTAL
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REVISIONS	DATE	BY	DESIGNED
			C. BUITRAGO
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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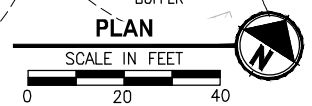
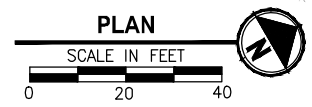
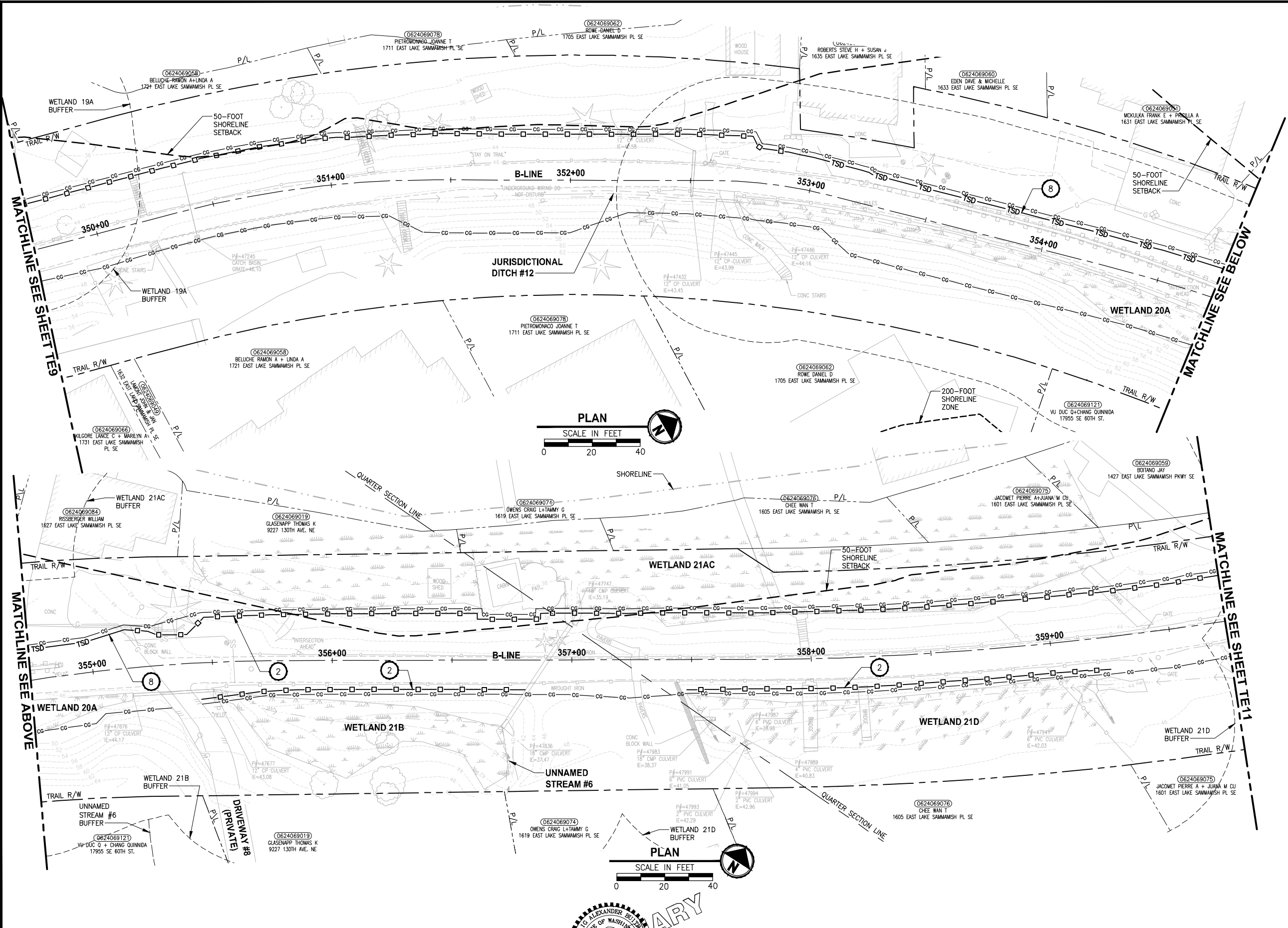
PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

TESC PLAN

SHEET NO.
41 OF 158

TE9

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST-985Secs\CADD\Phase 19_T03_Civil\DWG\ PLOTTED BY: purgaban DATE: Friday, July 07, 2017 4:52:28 PM LAYOUT: TE10



- CONSTRUCTION NOTES:**
- CHECK DAMS ON CHANNELS, PER WSDOT STANDARD DETAIL 1-50.20-01. USE BIODEGRADABLE CHECK DAMS.
 - HIGH VISIBILITY SILT FENCE WITH BACKUP SUPPORT, PER WSDOT STANDARD DETAIL 1-30.16-00. INSTALL FENCE AT C&G LIMITS. THE LINES SHOWN ARE OFFSET FOR PLAN CLARITY PURPOSES.
 - STABILIZED CONSTRUCTION ENTRANCE PER WSDOT STD DETAIL 1-80.10-01.
 - STORM DRAIN INLET PROTECTION, PER WSDOT STANDARD DETAIL 1-40.20-00.
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 - INSTALL TEMPORARY BYPASS TO DIVERT WATER AROUND WORK ZONE. PROTECT DISCHARGE AREA FROM EROSION WITH PLASTIC SHEETING.
 - TRIANGULAR SILT DIKE.
- LEGEND:**
- CG CG CG CLEARING AND GRUBBING
 - □ □ HIGH VISIBILITY SILT FENCE
 - TSD TRIANGULAR SILT DIKE
 - ▭ WATTLE CHECK DAM
 - INLET PROTECTION
 - ▨ SANDBAG DAM
 - D — D TEMPORARY DRAIN PIPE
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- GENERAL NOTES:**
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CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

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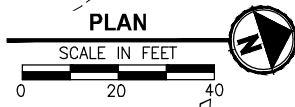
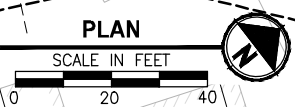
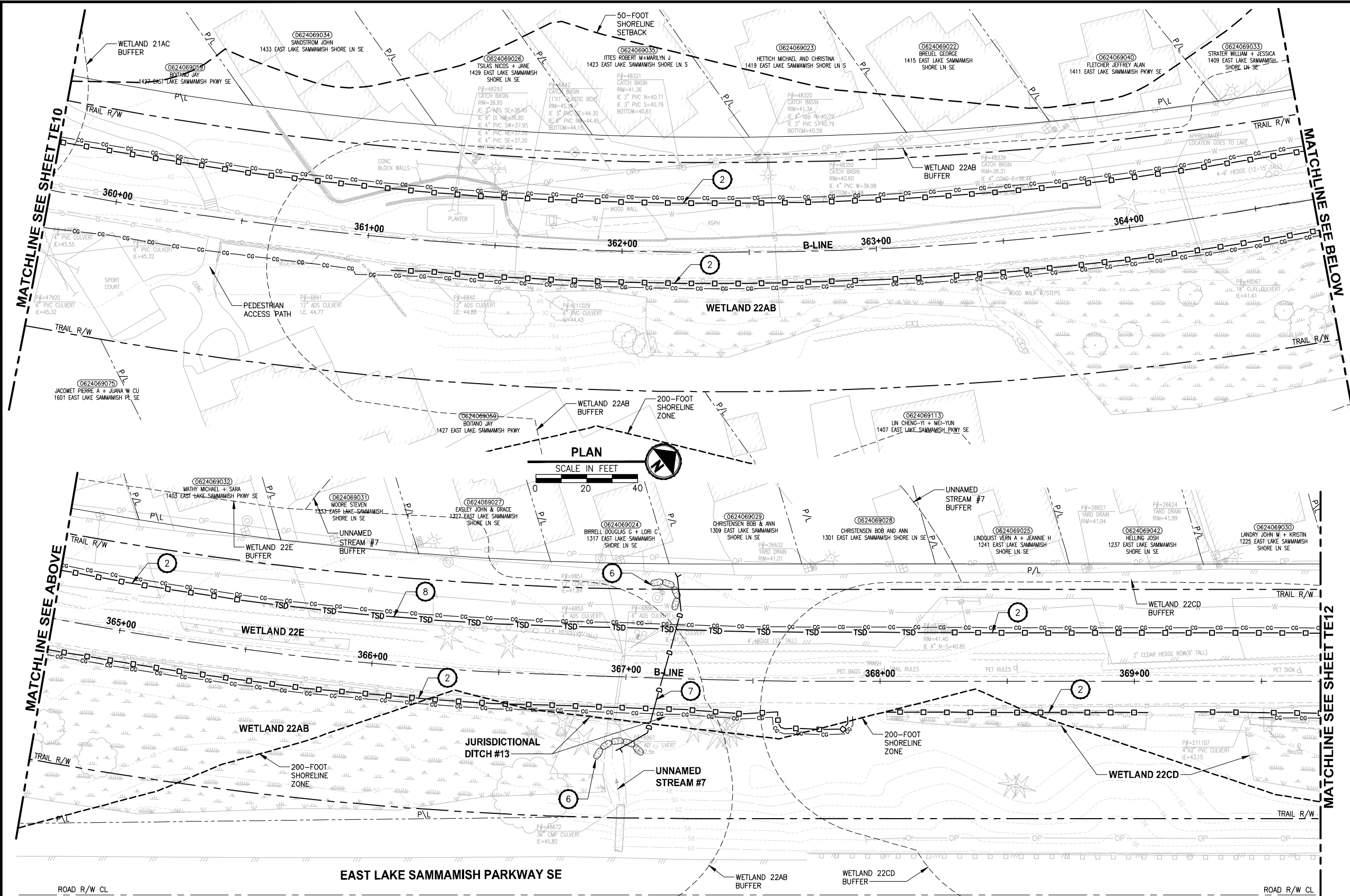


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PROJECT NAME:
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

SHEET NO.
42 OF 158
TESC PLAN
TE10

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- CONSTRUCTION NOTES:**
- CHECK DAMS ON CHANNELS, PER WSDOT STANDARD DETAIL 1-50.20-01. USE BIODEGRADABLE CHECK DAMS.
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- LEGEND:**
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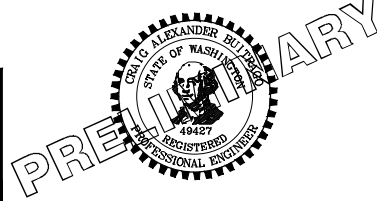
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CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

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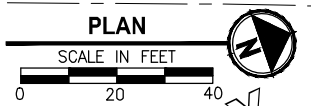
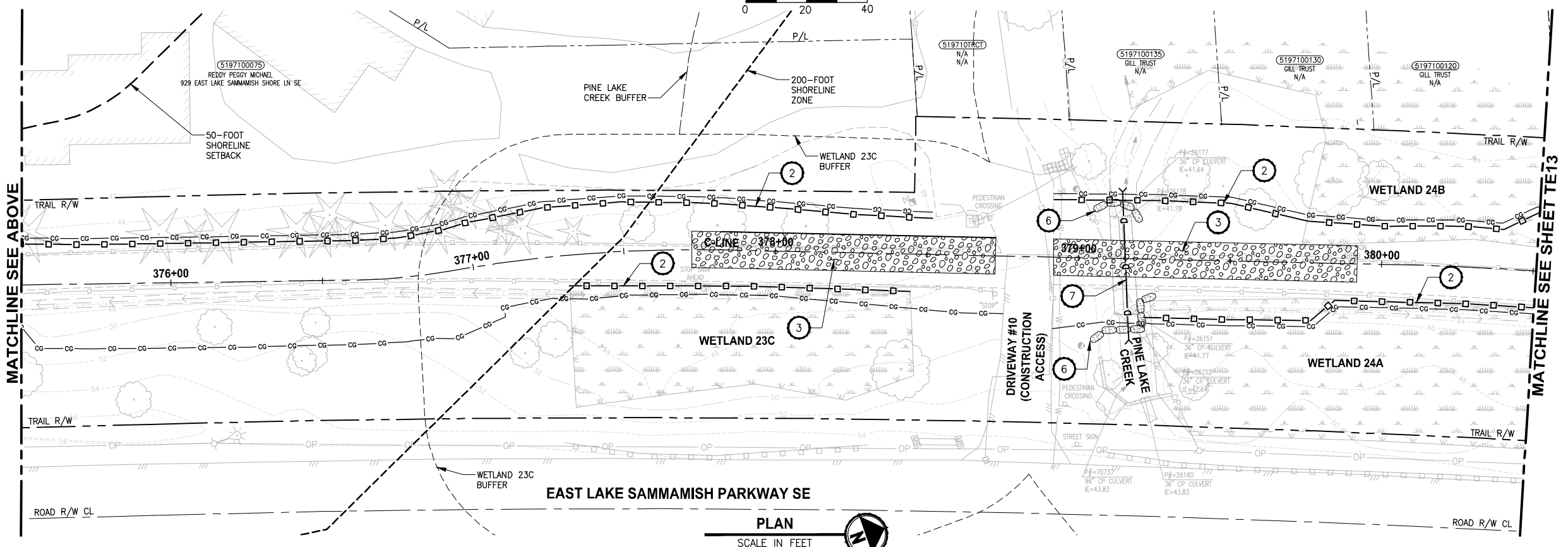
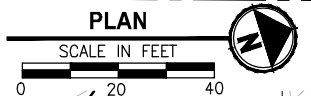
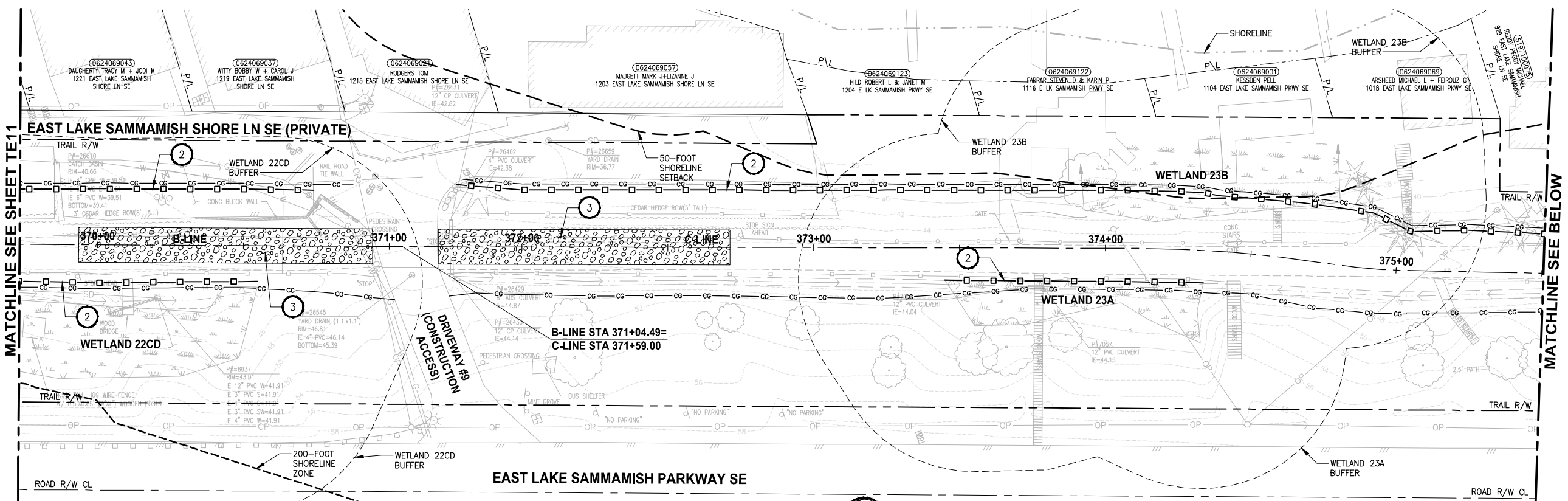


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PROJECT NAME
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 SAMMAMISH, WA

SHEET NO.
 43 OF 158
TE11

LAYOUT: TE12
 PATH: U:\PSO\Projects\Clients\KingCo\554-1521-075-ELST\985Secs\CADD\Phase 19\T03_Civil\DWG\ PLOTTED BY: purgaban DATE: Monday, July 10, 2017 1:14:48 PM



- CONSTRUCTION NOTES:**
- CHECK DAMS ON CHANNELS, PER WSDOT STANDARD DETAIL I-50.20-01. USE BIODEGRADABLE CHECK DAMS.
 - HIGH VISIBILITY SILT FENCE WITH BACKUP SUPPORT, PER WSDOT STANDARD DETAIL I-30.16-00. INSTALL FENCE AT C&G LIMITS. THE LINES SHOWN ARE OFFSET FOR PLAN CLARITY PURPOSES.
 - STABILIZED CONSTRUCTION ENTRANCE PER WSDOT STD DETAIL I-80.10-01.
 - STORM DRAIN INLET PROTECTION, PER WSDOT STANDARD DETAIL I-40.20-00.
 - EROSION CONTROL AT CULVERT ENDS, PER WSDOT STANDARD DETAIL I-30.20-00.
 - SANDBAG DAM. DEWATER CONSTRUCTION AREA DURING CULVERT WORK.
 - INSTALL TEMPORARY BYPASS TO DIVERT WATER AROUND WORK ZONE. PROTECT DISCHARGE AREA FROM EROSION WITH PLASTIC SHEETING.
 - TRIANGULAR SILT DIKE.
- LEGEND:**
- CG CG CG CLEARING AND GRUBBING
 - □ □ HIGH VISIBILITY SILT FENCE
 - TSD TRIANGULAR SILT DIKE
 - ▭ WATTLE CHECK DAM
 - INLET PROTECTION
 - ▨ SANDBAG DAM
 - D — D TEMPORARY DRAIN PIPE
 - ▭ STAGING AREA
 - ▭ STABILIZED CONSTRUCTION ENTRANCE
 - MP #5 NPDES CONSTRUCTION STORMWATER DISCHARGE MONITORING POINT

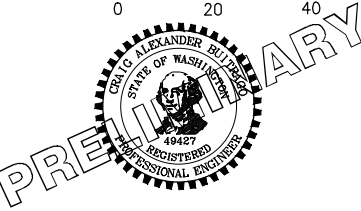
- GENERAL NOTES:**
- CONSTRUCTION METHODS SHALL COMPLY WITH THE TERMS AND CONDITIONS OF THE HPA PERMIT. ISOLATE IN-WATER WORK AREAS USING DAMS. APPROPRIATE FISH EXCLUSION METHODS SHALL BE USED PRIOR TO IN-WATER WORK.
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 - THE CONTRACTOR SHALL ENSURE THAT ALL EXISTING DRAINAGE PATTERNS ARE MAINTAINED DURING AND AFTER CONSTRUCTION.
 - SEE CONTRACT DOCUMENTS FOR PROJECT PERMITS.
 - PRIVATE DRIVEWAYS ARE NOT AVAILABLE FOR CONSTRUCTION ACCESS.
 - SEE SPECIAL PROVISIONS FOR MAINTENANCE AND REMOVAL OF TESC BMPS.
 - SEE SP SHEETS FOR TREES TO BE REMOVED.
 - STAGING AREAS SHALL BE RESTORED TO EXISTING CONDITIONS.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			C. BUITRAGO
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P19T03TE-03
 JOB No: 554-1521-075 P19 T03
 DATE: JULY 2017

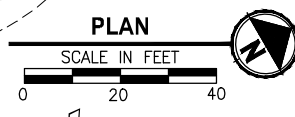
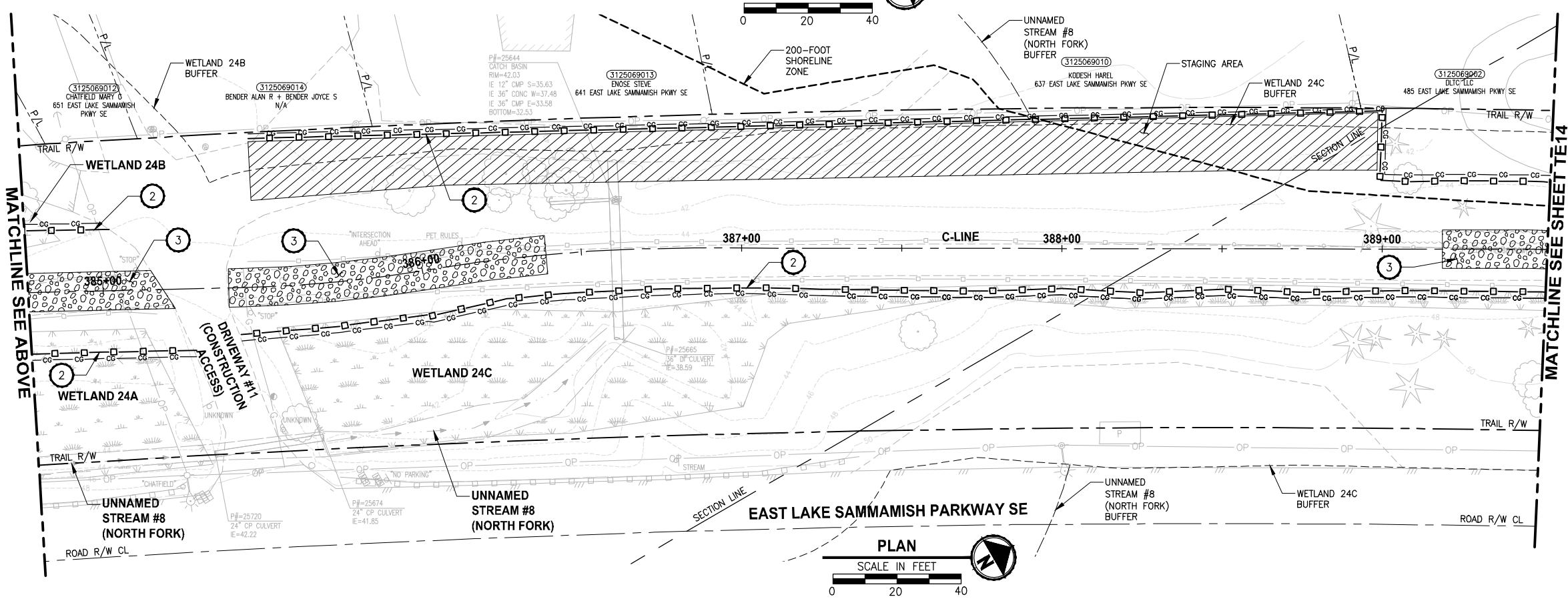
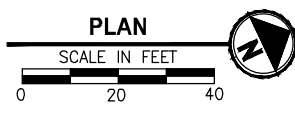
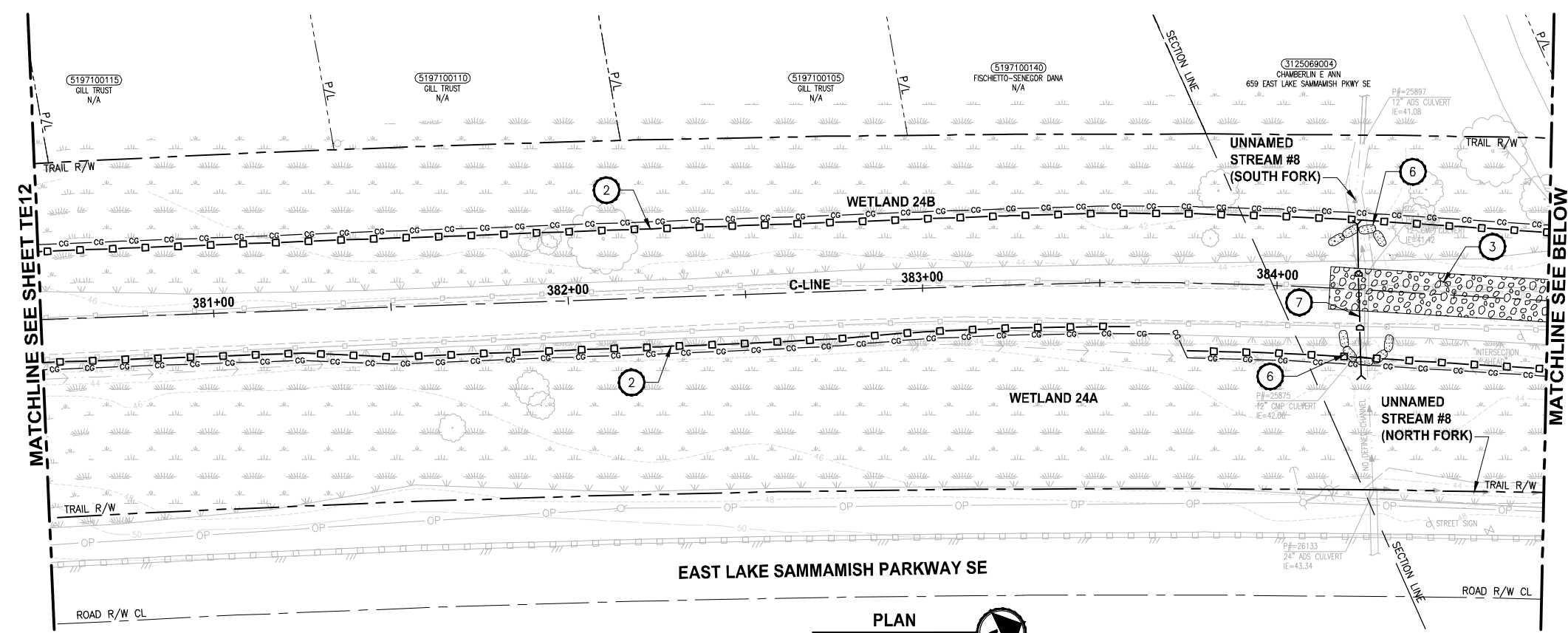


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PROJECT NAME:
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

SHEET NO.
 44 OF 158
TESC PLAN
TE12

PATH: U:\PSO\Projects\Clients\1521-KingCo_554-1521-075-ELST\985Secs\CADD\Phase 19\T03_Civil\DWG\ PLOTTED BY: purgabut DATE: Friday, July 07, 2017 4:54:06 PM LAYOUT: TE13



- CONSTRUCTION NOTES:**
- CHECK DAMS ON CHANNELS, PER WSDOT STANDARD DETAIL I-50.20-01. USE BIODEGRADABLE CHECK DAMS.
 - HIGH VISIBILITY SILT FENCE WITH BACKUP SUPPORT, PER WSDOT STANDARD DETAIL I-30.16-00. INSTALL FENCE AT C&G LIMITS. THE LINES SHOWN ARE OFFSET FOR PLAN CLARITY PURPOSES.
 - STABILIZED CONSTRUCTION ENTRANCE PER WSDOT STD DETAIL I-80.10-01.
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 - EROSION CONTROL AT CULVERT ENDS, PER WSDOT STANDARD DETAIL I-30.20-00.
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 - INSTALL TEMPORARY BYPASS TO DIVERT WATER AROUND WORK ZONE. PROTECT DISCHARGE AREA FROM EROSION WITH PLASTIC SHEETING.
 - TRIANGULAR SILT DIKE.
- LEGEND:**
- CG CG CG CLEARING AND GRUBBING
 - □ □ HIGH VISIBILITY SILT FENCE
 - △ TSD TRIANGULAR SILT DIKE
 - ▭ WATTLE CHECK DAM
 - INLET PROTECTION
 - ⊗ SANDBAG DAM
 - D — D TEMPORARY DRAIN PIPE
 - ▨ STAGING AREA
 - ▭ STABILIZED CONSTRUCTION ENTRANCE
 - MP #5 NPDES CONSTRUCTION STORMWATER DISCHARGE MONITORING POINT

- GENERAL NOTES:**
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CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			C. BUIRAGO
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P19T03E-03
 JOB No.: 554-1521-075 P19 T03
 DATE: JULY 2017



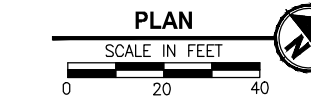
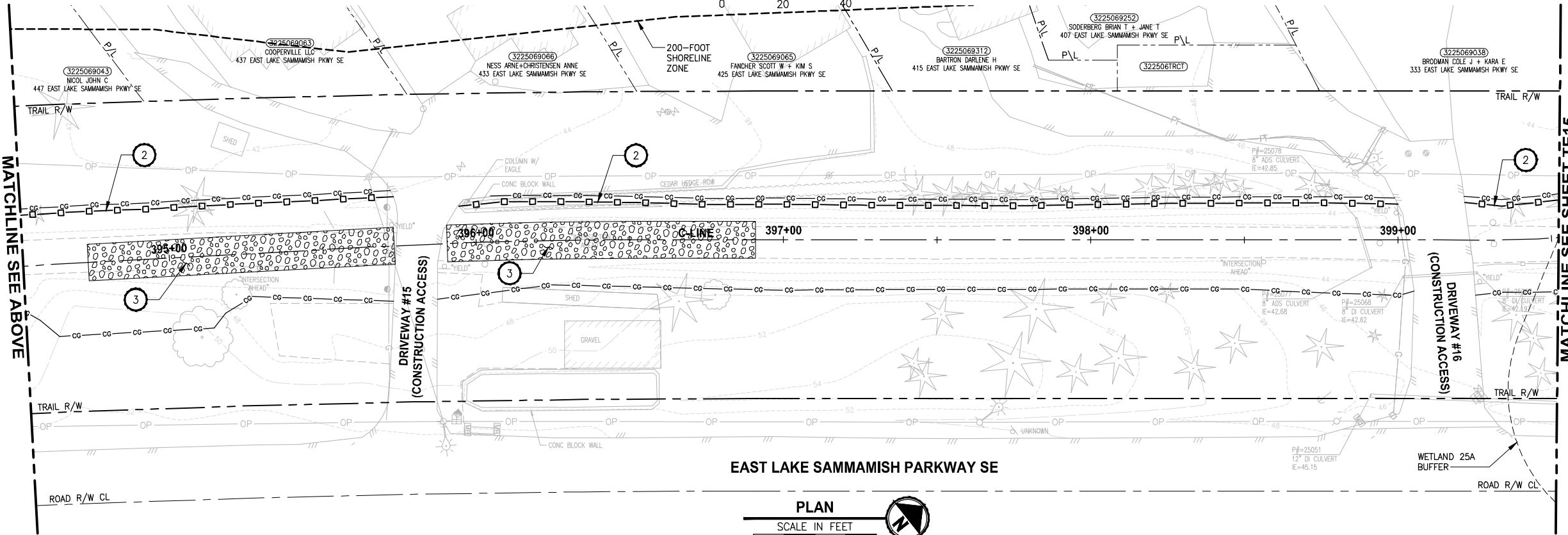
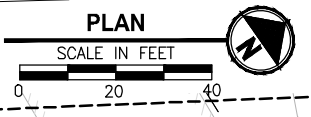
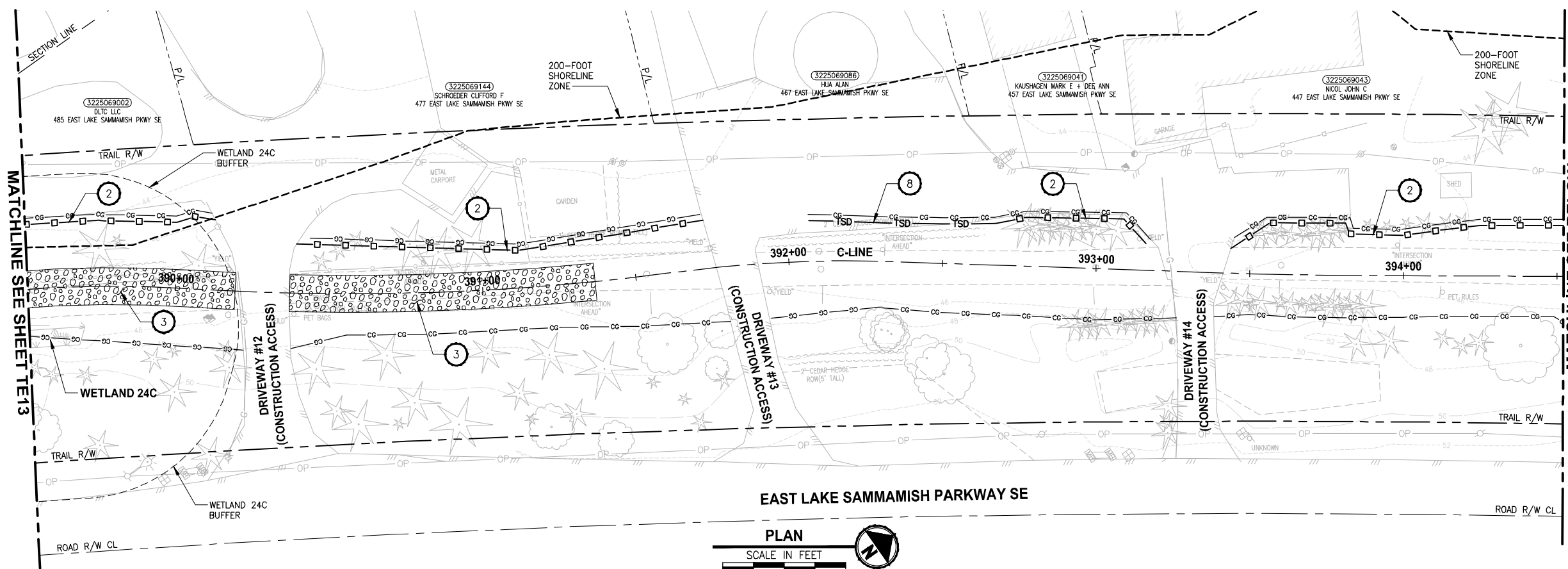
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PROJECT NAME:
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

TESC PLAN

SHEET NO.
 45 OF 158
TE13

LAYOUT: TE14
 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\985secs\CADD\Phase 19\T03_Civil\DWG\ PLOTTED BY: purgaban DATE: Friday, July 07, 2017 4:54:32 PM



- CONSTRUCTION NOTES:**
- CHECK DAMS ON CHANNELS, PER WSDOT STANDARD DETAIL 1-50.20-01. USE BIODEGRADABLE CHECK DAMS.
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- LEGEND:**
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CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			C. BUITRAGO
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME
BL1521075P19T03TE-03

JOB No.
554-1521-075 P19 T03

DATE
JULY 2017



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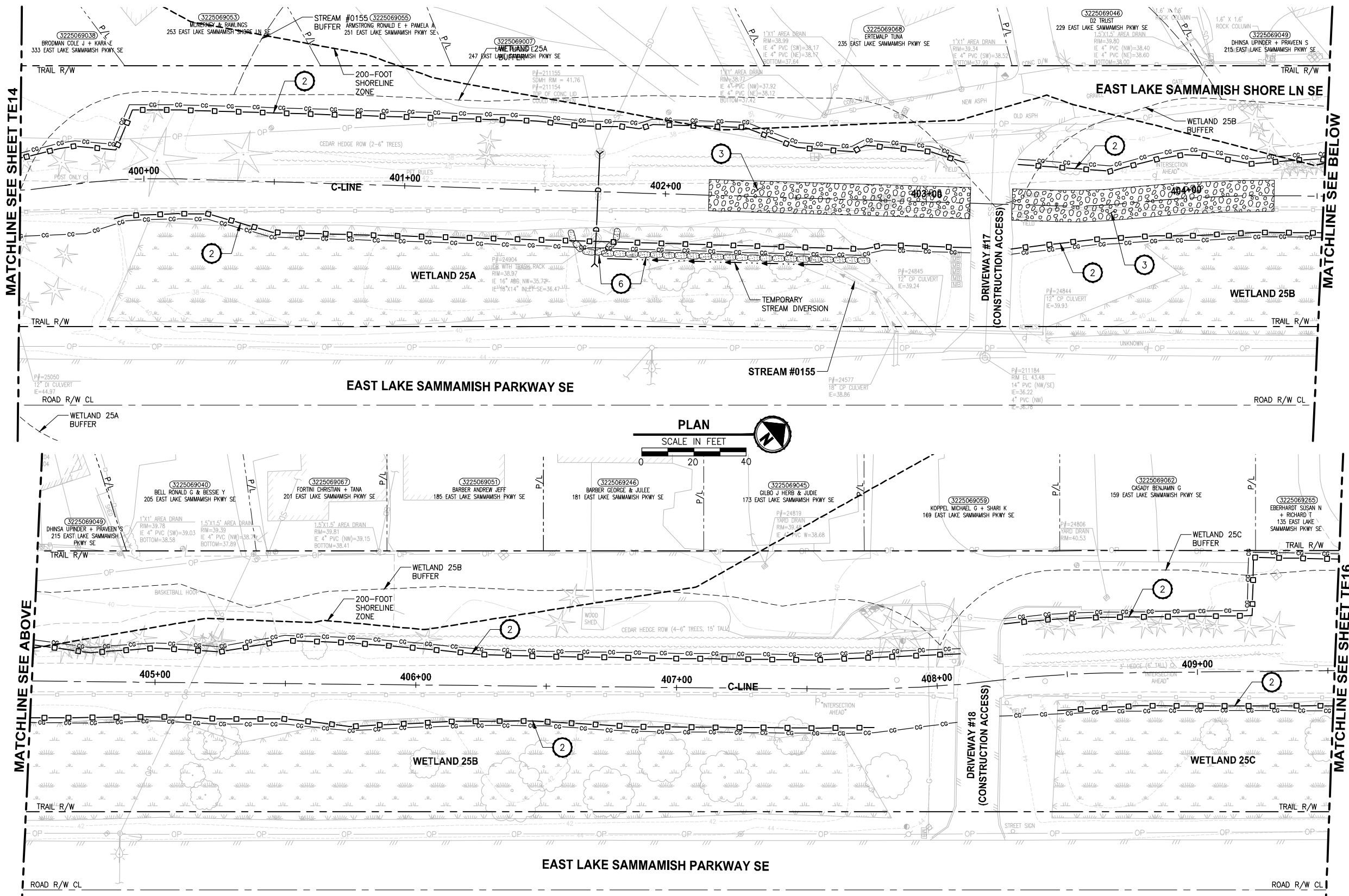
PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

TESC PLAN

SHEET NO.
46 OF 158

TE14

LAYOUT: TE15
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- CONSTRUCTION NOTES:**
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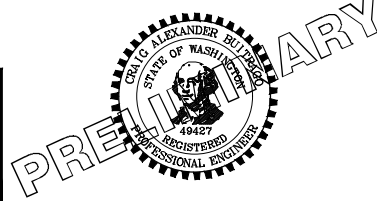
CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

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			Y. HO

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FILE NAME: BL1521075P19T03TE-03
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DATE: JULY 2017



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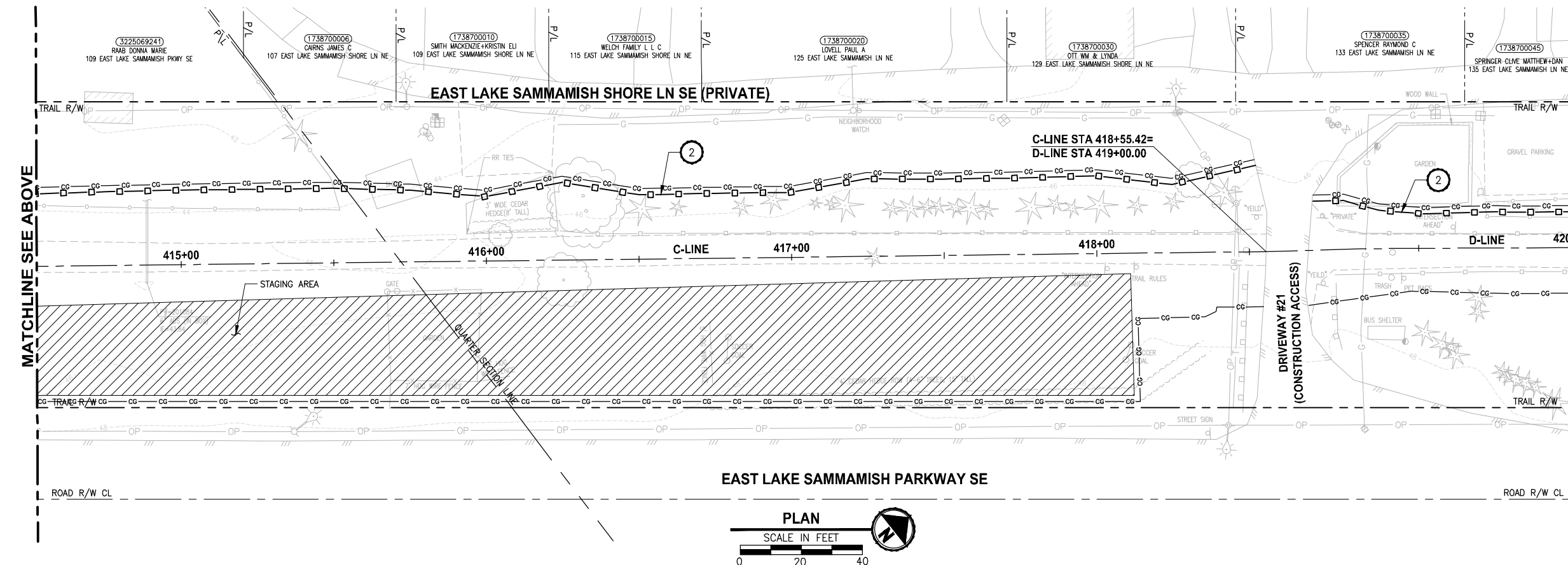
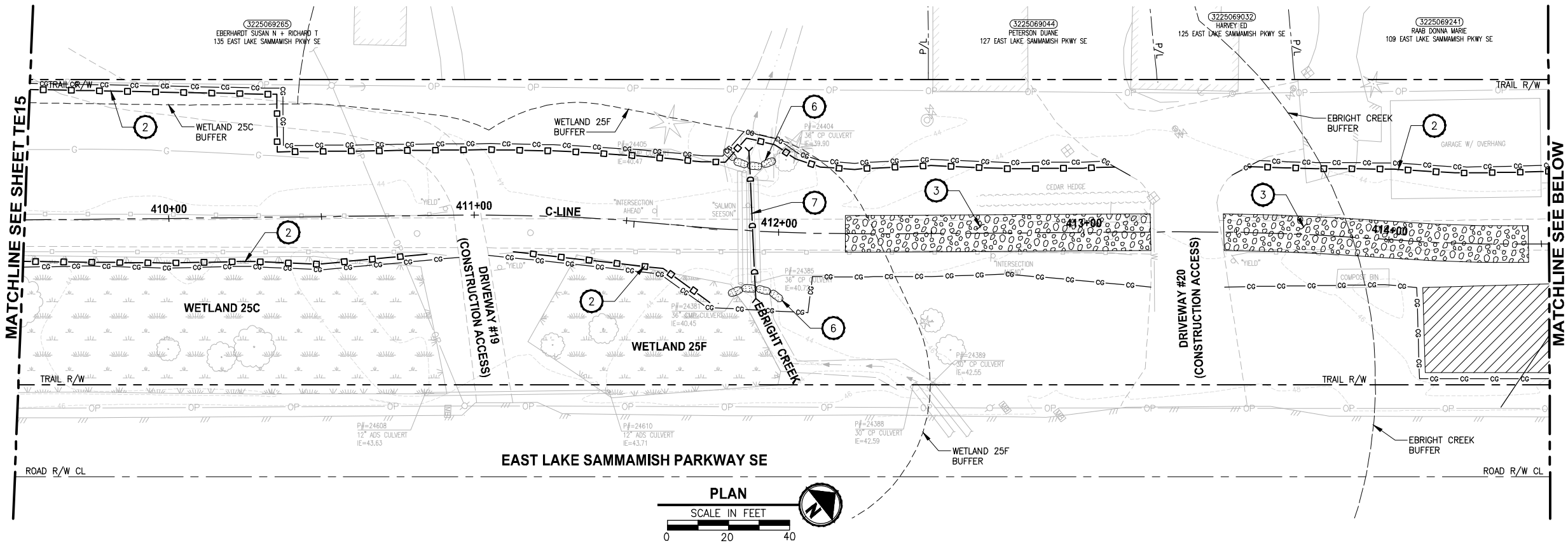
PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

SHEET NO.
47 OF 158

TESC PLAN

TE15

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\985Secs\CADD\Phase 19_T03_Civil\DWG\ PLOTTED BY: purgabub DATE: Friday, July 07, 2017 4:55:21 PM LAYOUT: TE16



- CONSTRUCTION NOTES:**
- CHECK DAMS ON CHANNELS, PER WSDOT STANDARD DETAIL 1-50.20-01. USE BIODEGRADABLE CHECK DAMS.
 - HIGH VISIBILITY SILT FENCE WITH BACKUP SUPPORT, PER WSDOT STANDARD DETAIL 1-30.16-00. INSTALL FENCE AT C&G LIMITS. THE LINES SHOWN ARE OFFSET FOR PLAN CLARITY PURPOSES.
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 - TRIANGULAR SILT DIKE.
- LEGEND:**
- CG CG CG CLEARING AND GRUBBING
 - □ □ HIGH VISIBILITY SILT FENCE
 - △ TRIANGULAR SILT DIKE
 - TSD WATTLE SILT DAM
 - INLET PROTECTION
 - ▒ SANDBAG DAM
 - D — D TEMPORARY DRAIN PIPE
 - ▒ STAGING AREA
 - ▒ STABILIZED CONSTRUCTION ENTRANCE
 - MP #5 NPDES CONSTRUCTION STORMWATER DISCHARGE MONITORING POINT

- GENERAL NOTES:**
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CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			C. BUIRAGO
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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FILE NAME: BL1521075P19T03TE-03
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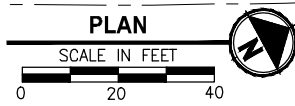
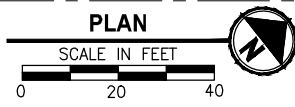
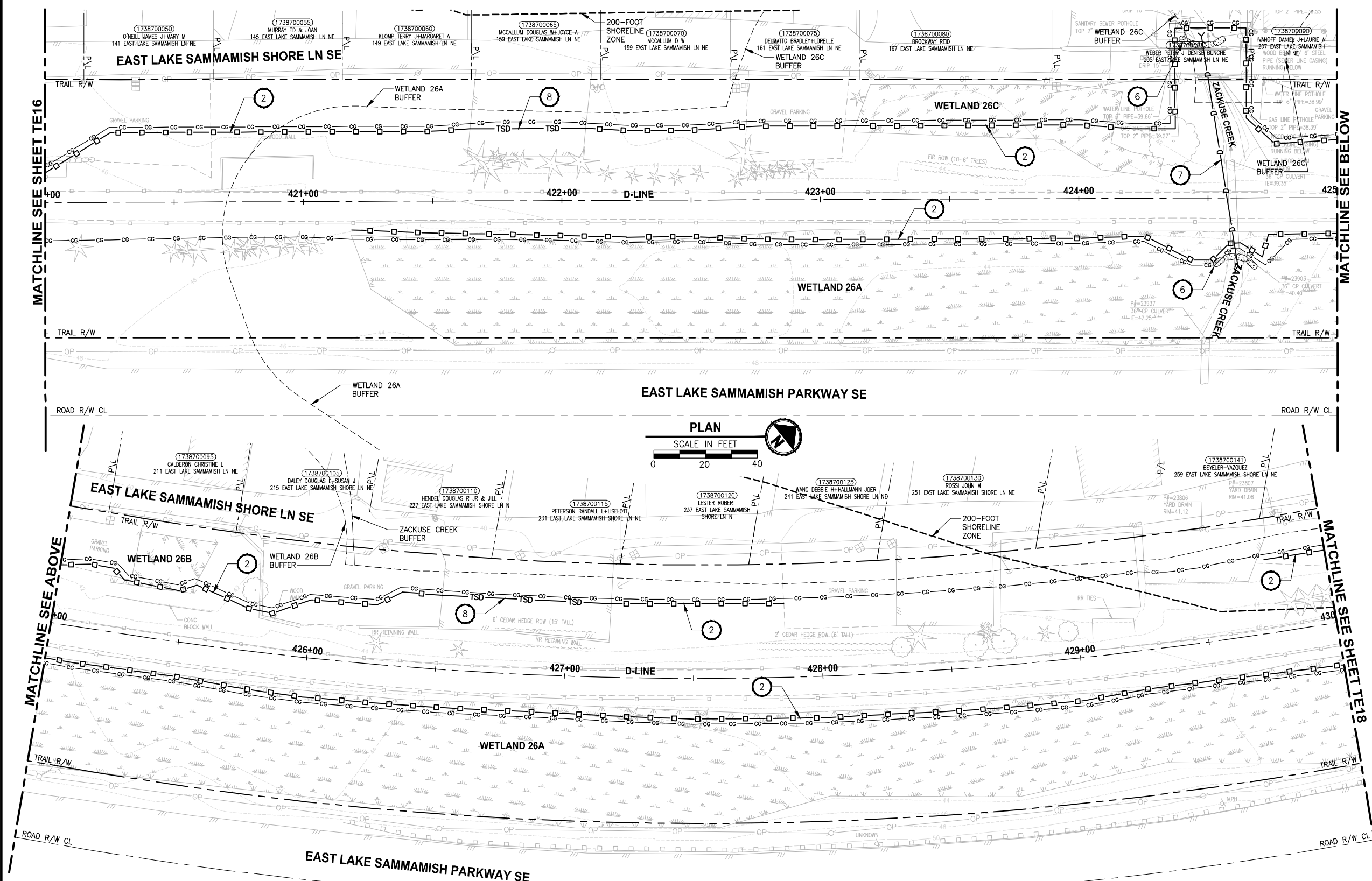
PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

SHEET NO.
48 OF 158

TESC PLAN

TE16

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST-99Secs\CADD\Phase 19_T03_Civil\DWG\ LAYOUT: TE17 PLOTTED BY: purganub DATE: Friday, July 07, 2017 4:56:08 PM



- CONSTRUCTION NOTES:**
- CHECK DAMS ON CHANNELS, PER WSDOT STANDARD DETAIL 1-50.20-01. USE BIODEGRADABLE CHECK DAMS.
 - HIGH VISIBILITY SILT FENCE WITH BACKUP SUPPORT, PER WSDOT STANDARD DETAIL 1-30.16-00. INSTALL FENCE AT C&G LIMITS. THE LINES SHOWN ARE OFFSET FOR PLAN CLARITY PURPOSES.
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- CG CG CG CLEARING AND GRUBBING
 - □ □ HIGH VISIBILITY SILT FENCE
 - TSD TRIANGULAR SILT DIKE
 - WATTLE CHECK DAM
 - INLET PROTECTION
 - SANDBAG DAM
 - TEMPORARY DRAIN PIPE
 - STAGING AREA
 - STABILIZED CONSTRUCTION ENTRANCE
 - NPDES CONSTRUCTION STORMWATER DISCHARGE MONITORING POINT (MP #5)

- GENERAL NOTES:**
- CONSTRUCTION METHODS SHALL COMPLY WITH THE TERMS AND CONDITIONS OF THE HPA PERMIT. ISOLATE IN-WATER WORK AREAS USING DAMS. APPROPRIATE FISH EXCLUSION METHODS SHALL BE USED PRIOR TO IN-WATER WORK.
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CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			C. BUITRAGO
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

**ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY**

FILE NAME: BL1521075P19T03TE-04
JOB No: 554-1521-075 P19 T03
DATE: JULY 2017



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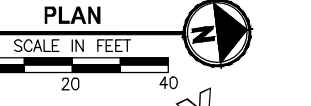
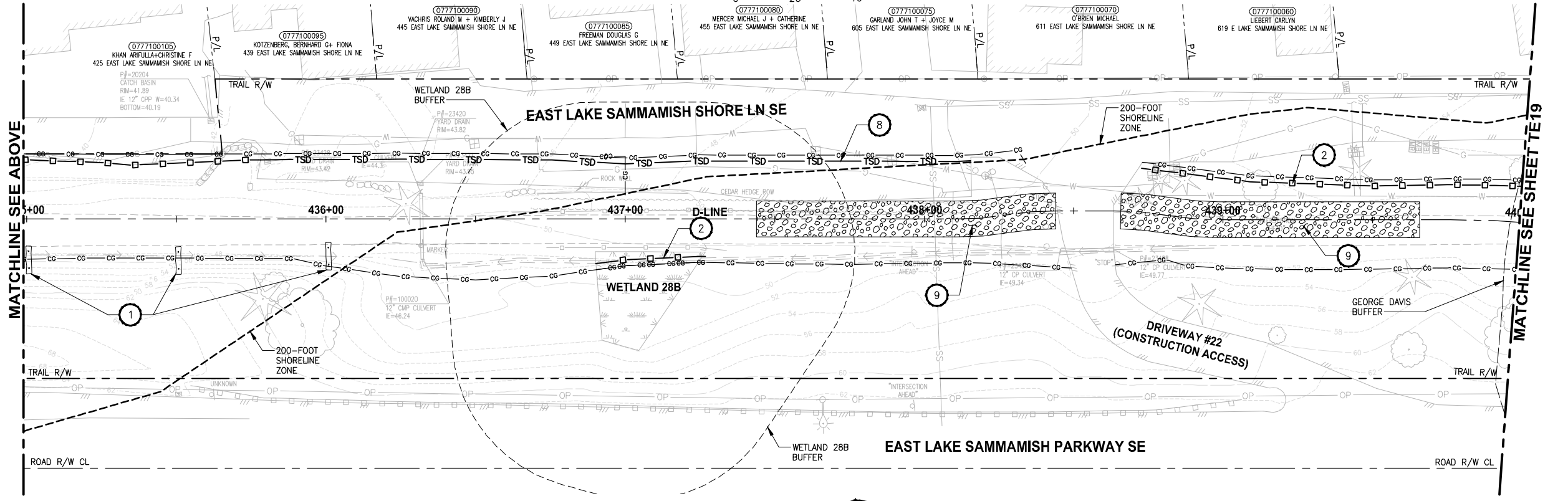
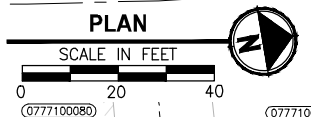
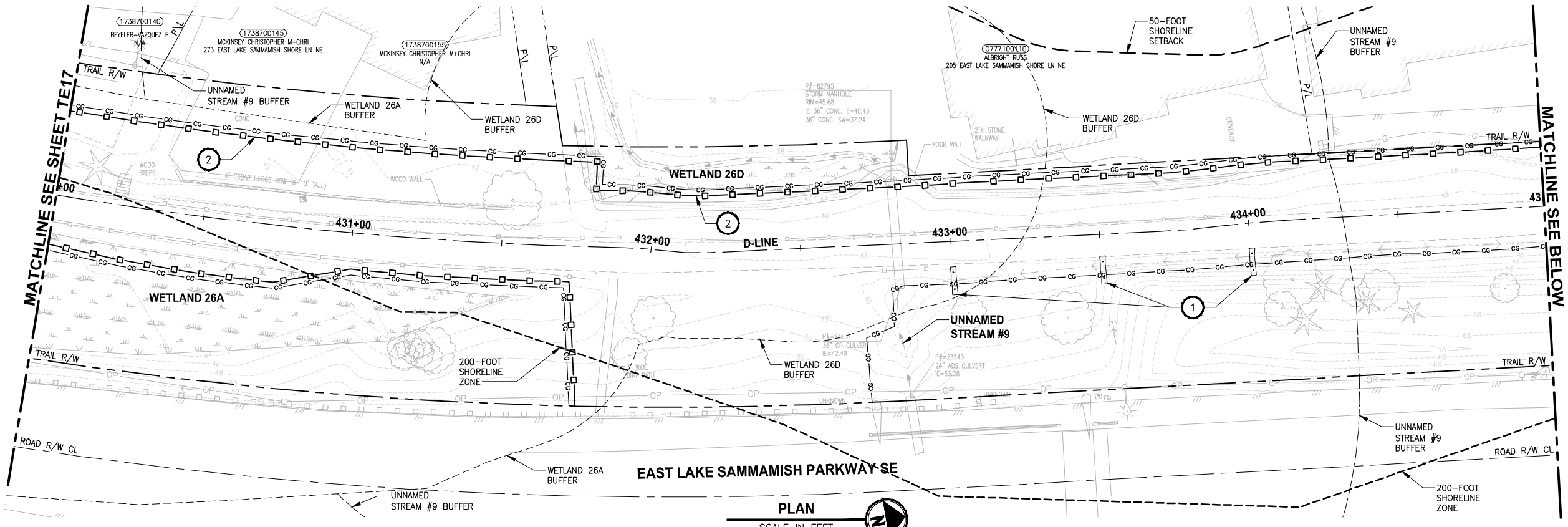
PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

TESC PLAN

SHEET NO.
49 OF 158

TE17

PATH: U:\PSO\Projects\Clients\KingCo\554-1521-075-ELST\985Secs\CADD\Phase 19_T03_Civil\DWG\ PLOTTED BY: purganb DATE: Friday, July 07, 2017 4:56:32 PM LAYOUT: TE18



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- CHECK DAMS ON CHANNELS, PER WSDOT STANDARD DETAIL 1-50.20-01. USE BIODEGRADABLE CHECK DAMS.
 - HIGH VISIBILITY SILT FENCE WITH BACKUP SUPPORT, PER WSDOT STANDARD DETAIL 1-30.16-00. INSTALL FENCE AT C&G LIMITS. THE LINES SHOWN ARE OFFSET FOR PLAN CLARITY PURPOSES.
 - STABILIZED CONSTRUCTION ENTRANCE PER WSDOT STD DETAIL 1-80.10-01.
 - STORM DRAIN INLET PROTECTION, PER WSDOT STANDARD DETAIL 1-40.20-00.
 - EROSION CONTROL AT CULVERT ENDS, PER WSDOT STANDARD DETAIL 1-40.20-00.
 - SANDBAG DAM. DEWATER CONSTRUCTION AREA DURING CULVERT WORK.
 - INSTALL TEMPORARY BYPASS TO DIVERT WATER AROUND WORK ZONE. PROTECT DISCHARGE AREA FROM EROSION WITH PLASTIC SHEETING.
 - TRIANGULAR SILT DIKE.
- LEGEND:**
- CG CG CG CLEARING AND GRUBBING
 - □ □ HIGH VISIBILITY SILT FENCE
 - TSD TRIANGULAR SILT DIKE
 - WATTLE CHECK DAM
 - INLET PROTECTION
 - SANDBAG DAM
 - TEMPORARY DRAIN PIPE
 - STAGING AREA
 - STABILIZED CONSTRUCTION ENTRANCE
 - MP #5 NPDES CONSTRUCTION STORMWATER DISCHARGE MONITORING POINT

- GENERAL NOTES:**
- CONSTRUCTION METHODS SHALL COMPLY WITH THE TERMS AND CONDITIONS OF THE HPA PERMIT. ISOLATE IN-WATER WORK AREAS USING DAMS. APPROPRIATE FISH EXCLUSION METHODS SHALL BE USED PRIOR TO IN-WATER WORK.
 - CONTRACTOR SHALL PREVENT CONCRETE PROCESS AND WASH WATER FROM ENTERING DOWNSTREAM SURFACE WATER.
 - THE CONTRACTOR SHALL ENSURE THAT ALL EXISTING DRAINAGE PATTERNS ARE MAINTAINED DURING AND AFTER CONSTRUCTION.
 - SEE CONTRACT DOCUMENTS FOR PROJECT PERMITS.
 - PRIVATE DRIVEWAYS ARE NOT AVAILABLE FOR CONSTRUCTION ACCESS.
 - SEE SPECIAL PROVISIONS FOR MAINTENANCE AND REMOVAL OF TESC BMPs.
 - SEE SP SHEETS FOR TREES TO BE REMOVED.
 - STAGING AREAS SHALL BE RESTORED TO EXISTING CONDITIONS.

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			C. BUIRAGO
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P19T03TE-04
 JOB No.: 554-1521-075 P19 T03
 DATE: JULY 2017



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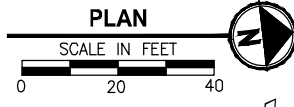
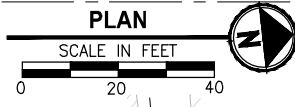
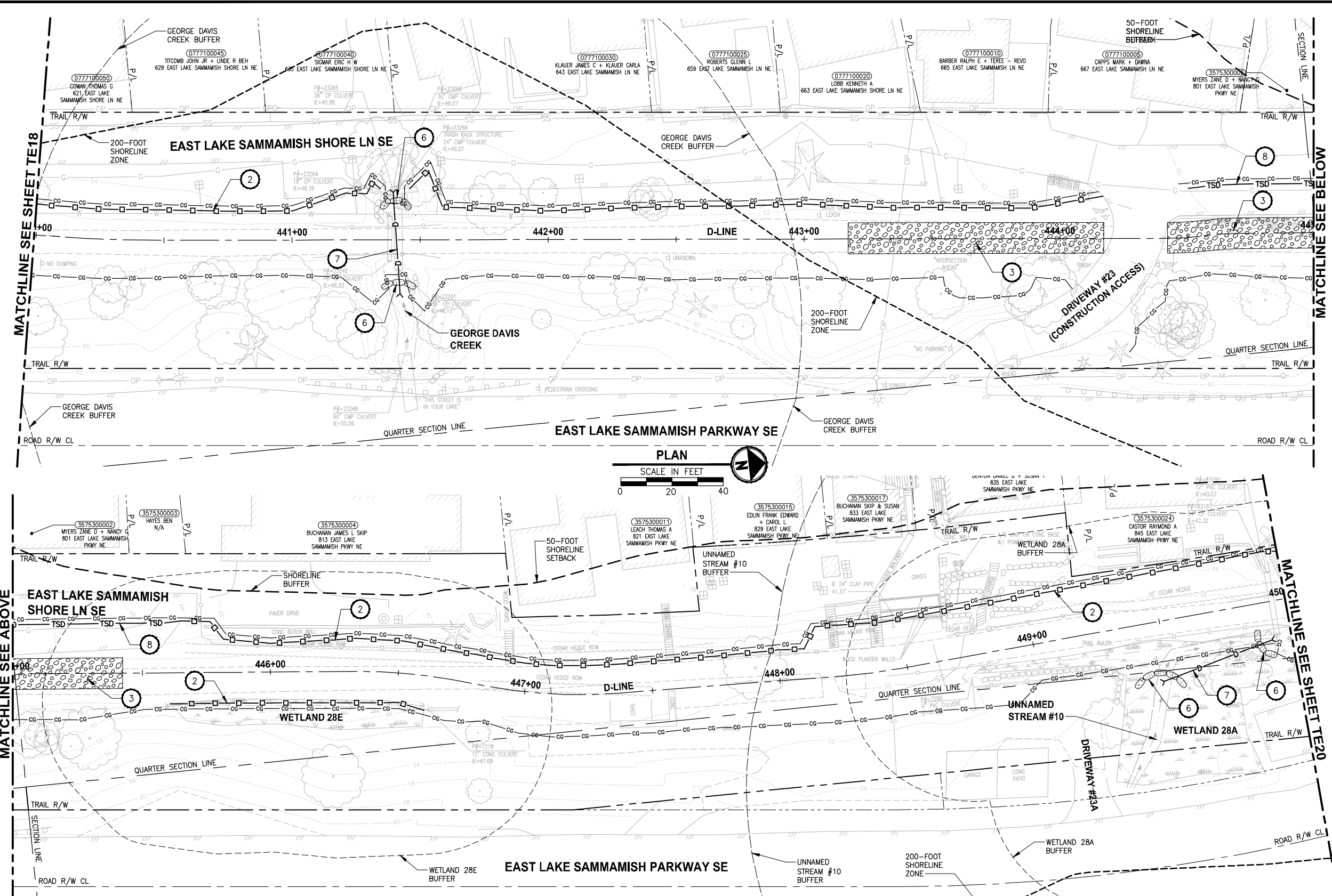
PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

SHEET NO.
50 OF 158

TESC PLAN

TE18

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\985Secs\CADD\Phase 19\T03_Civil\DWG\ PLOTTED BY: purgaban DATE: Friday, July 07, 2017 4:56:57 PM LAYOUT: TE19



- CONSTRUCTION NOTES:**
- CHECK DAMS ON CHANNELS, PER WSDOT STANDARD DETAIL I-50.20-01. USE BIODEGRADABLE CHECK DAMS.
 - HIGH VISIBILITY SILT FENCE WITH BACKUP SUPPORT, PER WSDOT STANDARD DETAIL I-30.16-00. INSTALL FENCE AT C&G LIMITS. THE LINES SHOWN ARE OFFSET FOR PLAN CLARITY PURPOSES.
 - STABILIZED CONSTRUCTION ENTRANCE PER WSDOT STD DETAIL I-80.10-01.
 - STORM DRAIN INLET PROTECTION, PER WSDOT STANDARD DETAIL I-40.20-00.
 - EROSION CONTROL AT CULVERT ENDS, PER WSDOT STANDARD DETAIL I-30.20-00.
 - SANDBAG DAM. DEWATER CONSTRUCTION AREA DURING CULVERT WORK.
 - INSTALL TEMPORARY BYPASS TO DIVERT WATER AROUND WORK ZONE. PROTECT DISCHARGE AREA FROM EROSION WITH PLASTIC SHEETING.
 - TRIANGULAR SILT DIKE.
- LEGEND:**
- CG CG CG CLEARING AND GRUBBING
 - □ □ HIGH VISIBILITY SILT FENCE
 - TSD TRIANGULAR SILT DIKE
 - ▭ WATTLE CHECK DAM
 - INLET PROTECTION
 - ▨ SANDBAG DAM
 - D — D TEMPORARY DRAIN PIPE
 - ▭ STAGING AREA
 - ▭ STABILIZED CONSTRUCTION ENTRANCE
 - MP #5 NPDES CONSTRUCTION STORMWATER DISCHARGE MONITORING POINT

- GENERAL NOTES:**
- CONSTRUCTION METHODS SHALL COMPLY WITH THE TERMS AND CONDITIONS OF THE HPA PERMIT. ISOLATE IN-WATER WORK AREAS USING DAMS. APPROPRIATE FISH EXCLUSION METHODS SHALL BE USED PRIOR TO IN-WATER WORK.
 - CONTRACTOR SHALL PREVENT CONCRETE PROCESS AND WASH WATER FROM ENTERING DOWNSTREAM SURFACE WATER.
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 - SEE CONTRACT DOCUMENTS FOR PROJECT PERMITS.
 - PRIVATE DRIVEWAYS ARE NOT AVAILABLE FOR CONSTRUCTION ACCESS.
 - SEE SPECIAL PROVISIONS FOR MAINTENANCE AND REMOVAL OF TESC BMPs.
 - SEE SP SHEETS FOR TREES TO BE REMOVED.
 - STAGING AREAS SHALL BE RESTORED TO EXISTING CONDITIONS.

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			C. BUIRAGO
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P19T03E-04
 JOB No: 554-1521-075 P19 T03
 DATE: JULY 2017



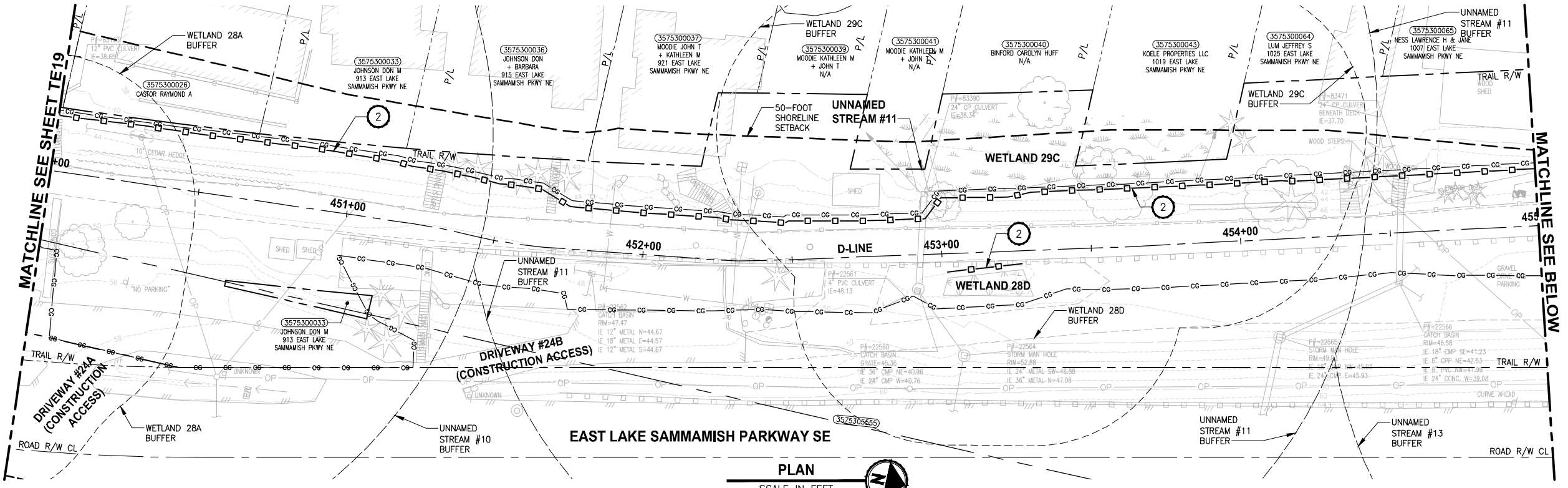
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PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

TESC PLAN

SHEET NO.
51 OF 158
TE19

PATH: J:\PSO\Projects\Clients\1521-1521-075-ELST\9955\CaDD\Phase 19\T03_Civil\DWG\ LAYOUT: TE20 PLOTTED BY: purgaban DATE: Friday, July 07, 2017 4:57:23 PM

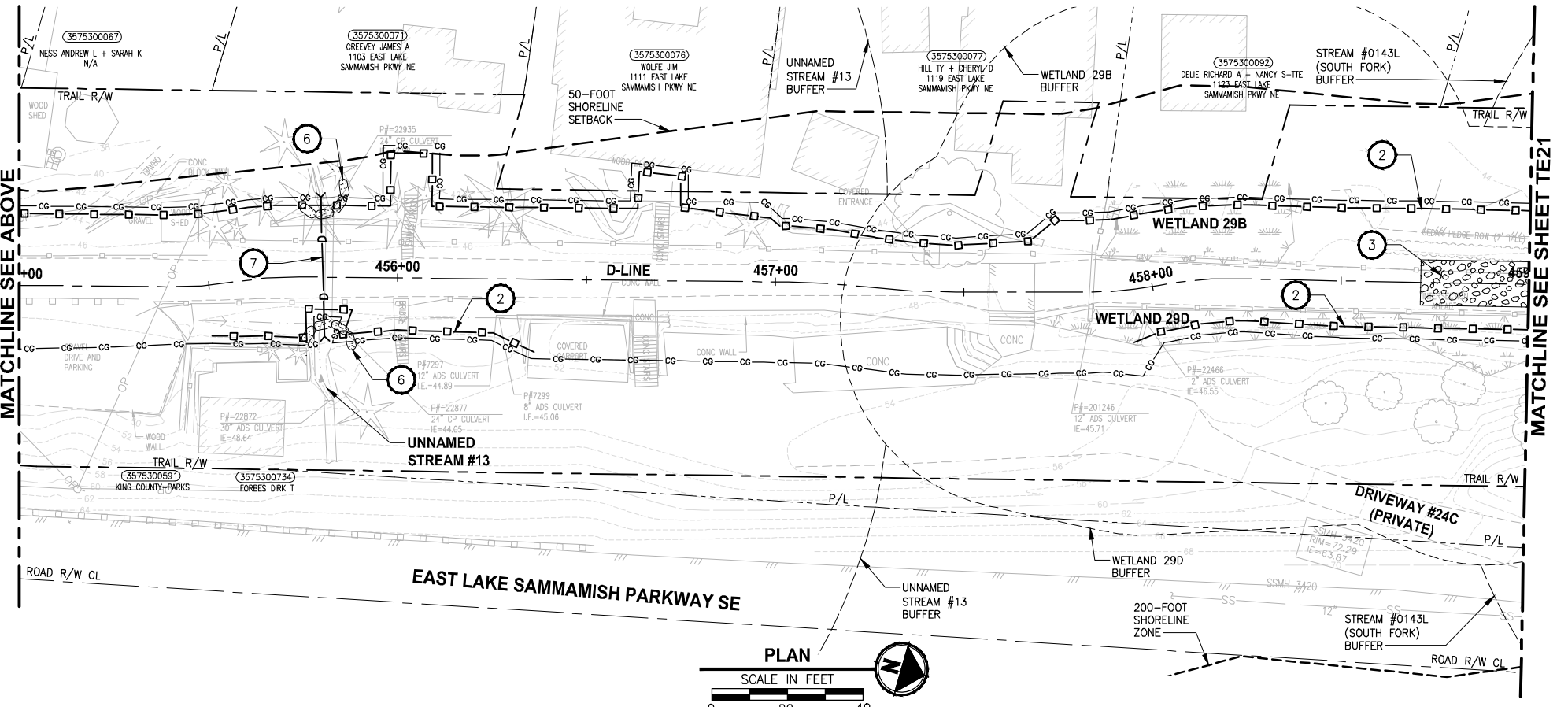


- CONSTRUCTION NOTES:**
- CHECK DAMS ON CHANNELS, PER WSDOT STANDARD DETAIL I-50.20-01. USE BIODEGRADABLE CHECK DAMS.
 - HIGH VISIBILITY SILT FENCE WITH BACKUP SUPPORT, PER WSDOT STANDARD DETAIL I-30.16-00. INSTALL FENCE AT C&G LIMITS. THE LINES SHOWN ARE OFFSET FOR PLAN CLARITY PURPOSES.
 - STABILIZED CONSTRUCTION ENTRANCE PER WSDOT STD DETAIL I-80.10-01.
 - STORM DRAIN INLET PROTECTION, PER WSDOT STANDARD DETAIL I-40.20-00.
 - EROSION CONTROL AT CULVERT ENDS, PER WSDOT STANDARD DETAIL I-30.20-00.
 - SANDBAG DAM, DEWATER CONSTRUCTION AREA DURING CULVERT WORK.
 - INSTALL TEMPORARY BYPASS TO DIVERT WATER AROUND WORK ZONE. PROTECT DISCHARGE AREA FROM EROSION WITH PLASTIC SHEETING.
 - TRIANGULAR SILT DIKE.
- LEGEND:**
- CG CG CG CLEARING AND GRUBBING
 - High Visibility Silt Fence
 - TSD TRIANGULAR SILT DIKE
 - WATTLE CHECK DAM
 - INLET PROTECTION
 - SANDBAG DAM
 - TEMPORARY DRAIN PIPE
 - STAGING AREA
 - STABILIZED CONSTRUCTION ENTRANCE
 - NPDES CONSTRUCTION STORMWATER DISCHARGE MONITORING POINT (MP #5)

- GENERAL NOTES:**
- CONSTRUCTION METHODS SHALL COMPLY WITH THE TERMS AND CONDITIONS OF THE HPA PERMIT. ISOLATE IN-WATER WORK AREAS USING DAMS. APPROPRIATE FISH EXCLUSION METHODS SHALL BE USED PRIOR TO IN-WATER WORK.
 - CONTRACTOR SHALL PREVENT CONCRETE PROCESS AND WASH WATER FROM ENTERING DOWNSTREAM SURFACE WATER.
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 - SEE CONTRACT DOCUMENTS FOR PROJECT PERMITS.
 - PRIVATE DRIVEWAYS ARE NOT AVAILABLE FOR CONSTRUCTION ACCESS.
 - SEE SPECIAL PROVISIONS FOR MAINTENANCE AND REMOVAL OF TESC BMPs.
 - SEE SP SHEETS FOR TREES TO BE REMOVED.
 - STAGING AREAS SHALL BE RESTORED TO EXISTING CONDITIONS.

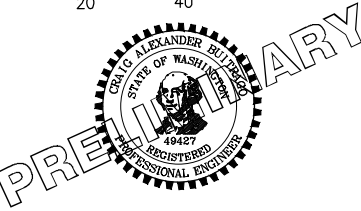
CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION



REVISIONS	DATE	BY	DESIGNED
			C. BUIRAGO
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P19T03E-04
 JOB No.: 554-1521-075 P19 T03
 DATE: JULY 2017

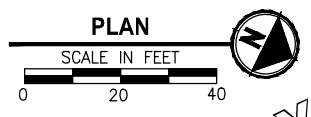
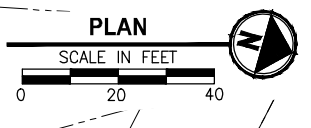
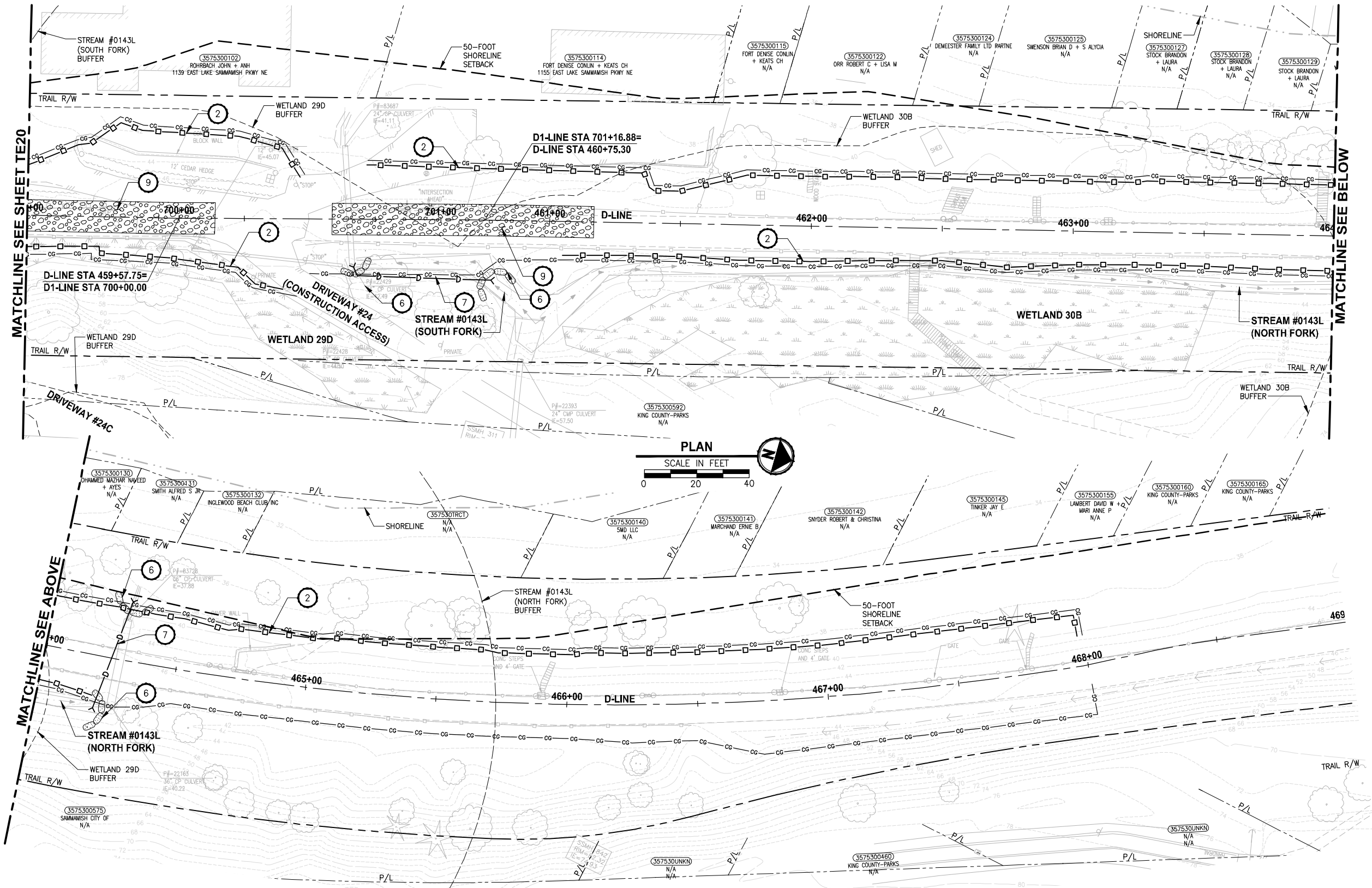


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PROJECT NAME:
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

SHEET NO. 52 OF 158
TESC PLAN
TE20

PATH: U:\PSO\Projects\Clients\KingCo\554-1521-075-ELST\98Secs\CADD\Phase 19_T03_Civil\DWG\ PLOTTED BY: purgabut DATE: Friday, July 07, 2017 4:57:48 PM LAYOUT: TE21



- CONSTRUCTION NOTES:**
- CHECK DAMS ON CHANNELS, PER WSDOT STANDARD DETAIL 1-50.20-01. USE BIODEGRADABLE CHECK DAMS.
 - HIGH VISIBILITY SILT FENCE WITH BACKUP SUPPORT, PER WSDOT STANDARD DETAIL 1-30.16-00. INSTALL FENCE AT C&G LIMITS. THE LINES SHOWN ARE OFFSET FOR PLAN CLARITY PURPOSES.
 - STABILIZED CONSTRUCTION ENTRANCE PER WSDOT STD DETAIL 1-80.10-01.
 - STORM DRAIN INLET PROTECTION, PER WSDOT STANDARD DETAIL 1-40.20-00.
 - EROSION CONTROL AT CULVERT ENDS, PER WSDOT STANDARD DETAIL 1-30.20-00.
 - SANDBAG DAM. DEWATER CONSTRUCTION AREA DURING CULVERT WORK.
 - INSTALL TEMPORARY BYPASS TO DIVERT WATER AROUND WORK ZONE. PROTECT DISCHARGE AREA FROM EROSION WITH PLASTIC SHEETING.
 - TRIANGULAR SILT DIKE.
- LEGEND:**
- CG CG CG CLEARING AND GRUBBING
 - High visibility silt fence symbol
 - TSD TRIANGULAR SILT DIKE
 - Wattle check dam symbol
 - Inlet protection symbol
 - Sandbag dam symbol
 - Temporary drain pipe symbol
 - Staging area symbol
 - Stabilized construction entrance symbol
 - MP #5 symbol

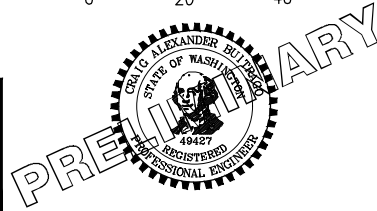
- GENERAL NOTES:**
- CONSTRUCTION METHODS SHALL COMPLY WITH THE TERMS AND CONDITIONS OF THE HPA PERMIT. ISOLATE IN-WATER WORK AREAS USING DAMS. APPROPRIATE FISH EXCLUSION METHODS SHALL BE USED PRIOR TO IN-WATER WORK.
 - CONTRACTOR SHALL PREVENT CONCRETE PROCESS AND WASH WATER FROM ENTERING DOWNSTREAM SURFACE WATER.
 - THE CONTRACTOR SHALL ENSURE THAT ALL EXISTING DRAINAGE PATTERNS ARE MAINTAINED DURING AND AFTER CONSTRUCTION.
 - SEE CONTRACT DOCUMENTS FOR PROJECT PERMITS.
 - PRIVATE DRIVEWAYS ARE NOT AVAILABLE FOR CONSTRUCTION ACCESS.
 - SEE SPECIAL PROVISIONS FOR MAINTENANCE AND REMOVAL OF TESC BMPs.
 - SEE SP SHEETS FOR TREES TO BE REMOVED.
 - STAGING AREAS SHALL BE RESTORED TO EXISTING CONDITIONS.

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			C. BUJTRAGO
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P19T03TE-04
 JOB No.: 554-1521-075 P19 T03
 DATE: JULY 2017



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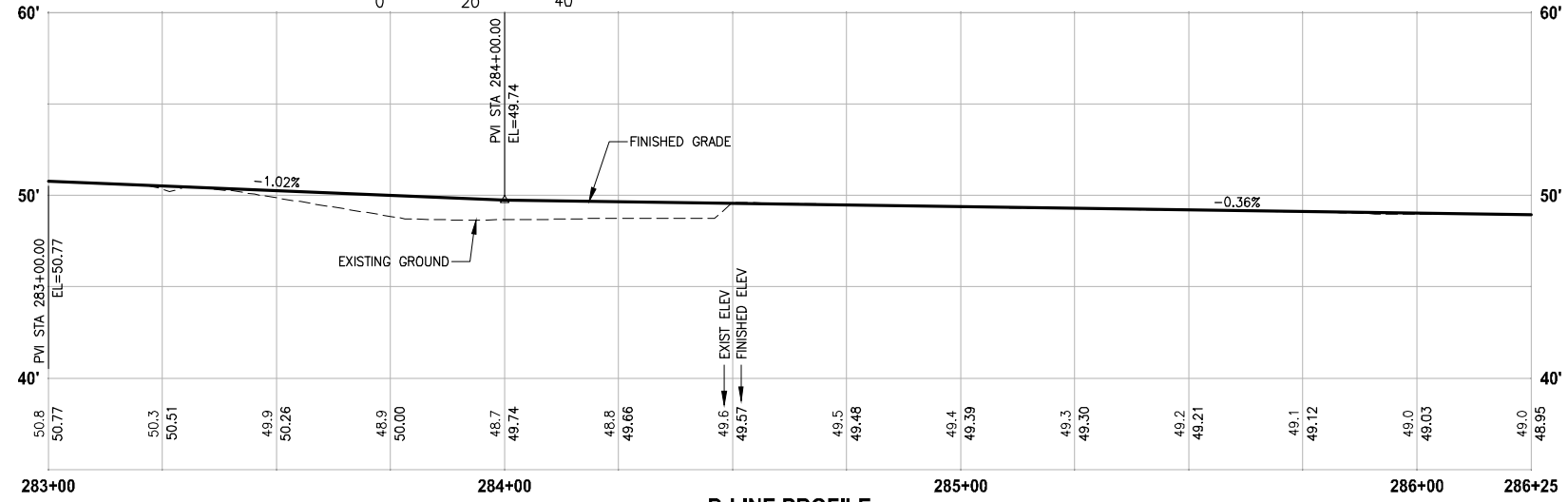
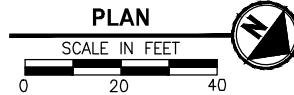
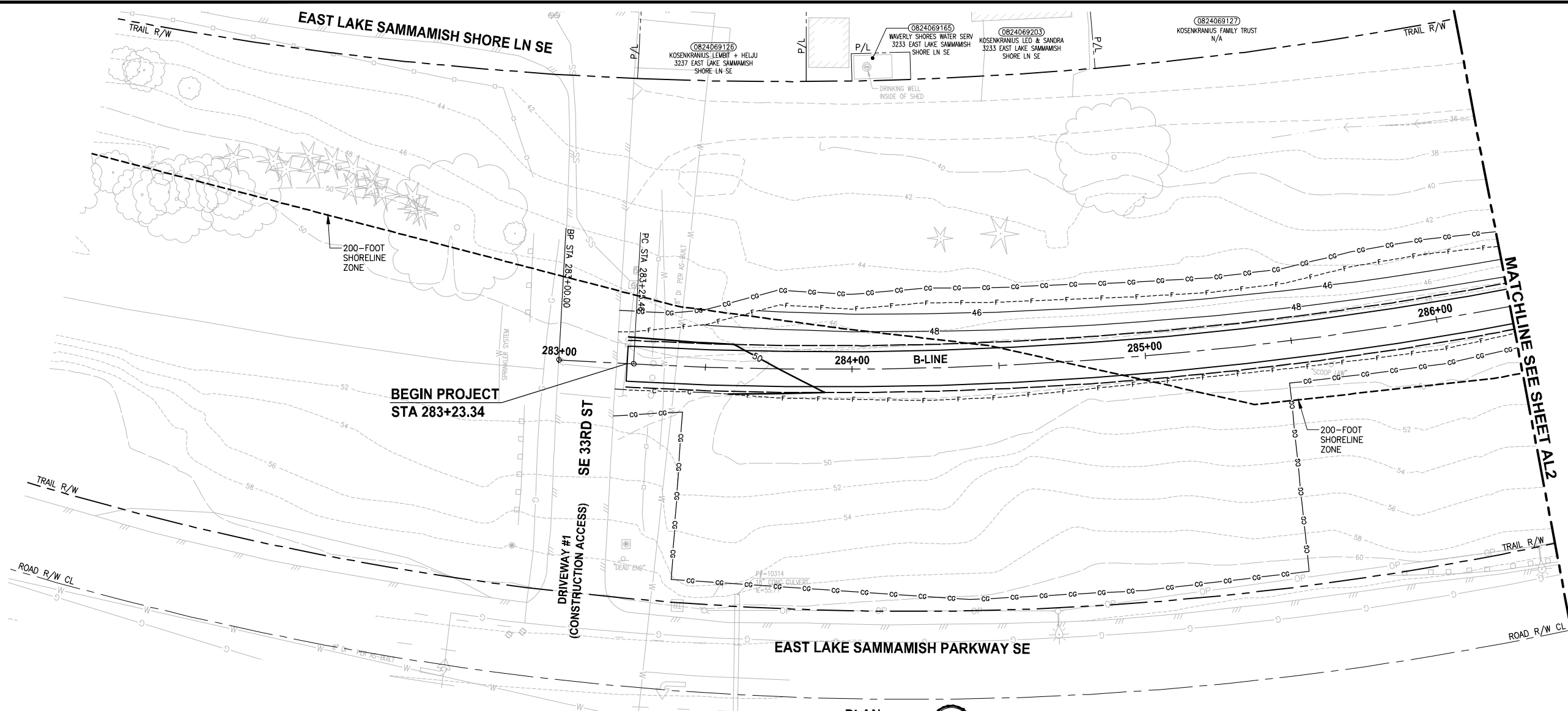
PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

TESC PLAN

SHEET NO.
53 OF 158

TE21

PATH: U:\PSO\Projects\Clients\1521-075-ELST\98\Drawings\Phase 19\T03 CIV\DWG\ PLOTTED BY: purgubut DATE: Friday, July 07, 2017 4:59:31 PM LAYOUT: AL1



B-LINE PROFILE
 HORIZ: 1"=20'
 VERT: 1"=5'

- CIVIL CONSTRUCTION NOTES:**
- 1 RESTORE AND INSTALL STAIR. TYPE TO BE DETERMINED.
 - 2 RECONSTRUCT PEDESTRIAN BRIDGE.
 - 3 INSTALL PRECAST REINF CONC SPLIT BOX CULVERT. SEE FP SHEETS FOR DETAILS.
 - 4 INSTALL STRUCTURAL EARTH WALL. SEE WALL DETAILS ON SHEET X. SEE WALL PROFILES ON WP SHEETS.
 - 5 INSTALL COATED CHAIN LINK FENCE TYPE 6. FOR GROUND POST INSTALLATION SEE APPENDIX B IN THE SPECIFICATIONS. SEE SHEET X FOR MOUNTING ON TOP OF WALL.
 - 6 NEW DRIVEWAY.
 - 7 INSTALL WOOD GUARDRAIL, SEE DETAILS ON SHEET XX.
 - 8 INSTALL SPLIT RAIL FENCE, SEE DETAILS ON SHEET XX.
 - 9 INSTALL GRAVITY BLOCK WALL. SEE WALL DETAILS ON SHEET XX. SEE WALL PROFILES ON WP SHEETS.
 - 10 DRIVEWAY REMOVAL. SEE MP SHEETS FOR PLANTING PLAN.
 - 11 INSTALL PATTERNED CONCRETE DRIVEWAY. SEE DETAILS ON SHEET XX.
 - 12 INSTALL TYPE 1 REST STOP. SEE DETAILS ON SHEET XX.
 - 13 INSTALL TYPE 2 REST STOP. SEE DETAILS ON SHEET XX.
 - 14 INSTALL SOLDIER PILE WALL. SEE S SHEETS.
 - 15 INSTALL GRAVITY BLOCK WALL.
 - 16 INSTALL WING WALL, SEE FP SHEETS.
 - 17 INSTALL EXTRUDED CURB PER WSDOT STD PLAN F-10.42-00.
 - 18 REST STOP PULL-OUT.
 - 19 STAIRS WILL BE ELIMINATED DURING CONSTRUCTION.
 - 20 BRIDGES WILL BE REMOVED TO R/W LINE DURING CONSTRUCTION.
 - 21 INSTALL ROCK WALL.
 - 22 INSTALL METAL HANDRAIL.

- STORMWATER CONSTRUCTION NOTES:**
- 1 INFILTRATION TRENCH, SEE DETAIL 4 ON SHEET DD1.
 - 2 UNDERDRAIN TRENCH, SEE DETAIL 5 ON SHEET DD1.
 - 3 ROCK PAD, SEE DETAIL 2 ON SHEET DD1 AND WP SHEETS.
 - 4 CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
 - 5 INSTALL UNDERDRAIN TRENCH CLEANOUT, SEE DETAIL 6 ON SHEET DD1.
 - 6 INSTALL RECTANGULAR SLIP RESISTANT SOLID METAL COVER PER WSDOT STD DETAIL B-30.20-02.
 - 7 CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1.
 - 8 BASIC DISPERSION, SEE SHEET CS3.
 - 9 QUARRY SPALL OUTFALL PROTECTION. SEE DETAIL 3 ON SHEET DD1.
 - 10 ADJUST CATCH BASIN.

- LEGEND:**
- RETAINING WALL
 - SOLDIER PILE WALL
 - WOOD GUARDRAIL
 - DISPERSION AREA
 - DRIVEWAY REMOVAL
 - LANDING PAD

CITY OF SAMMAMISH APPROVAL

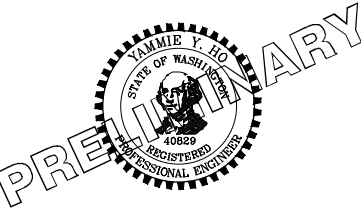
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
 NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P19T03AL-01
 JOB No.: 554-1521-075 P19 T03
 DATE: JULY 2017



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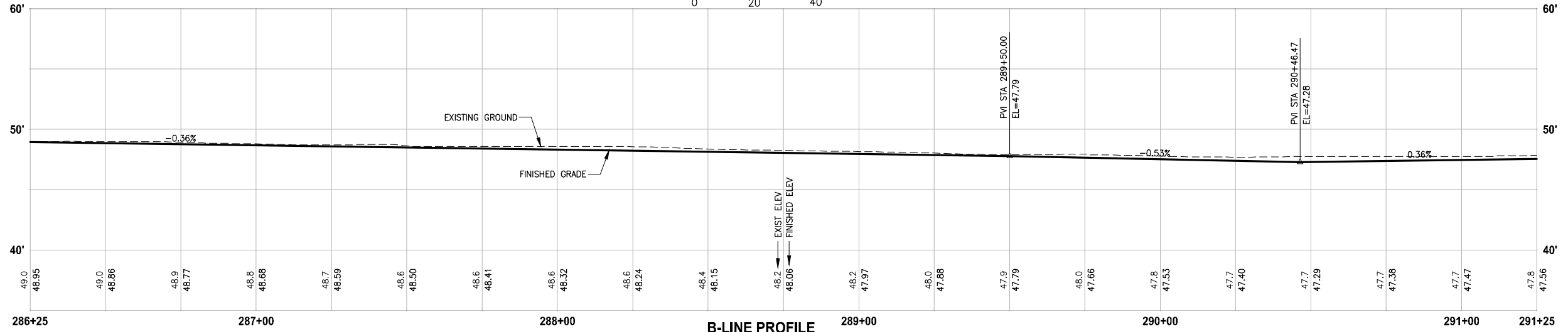
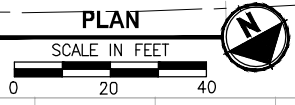
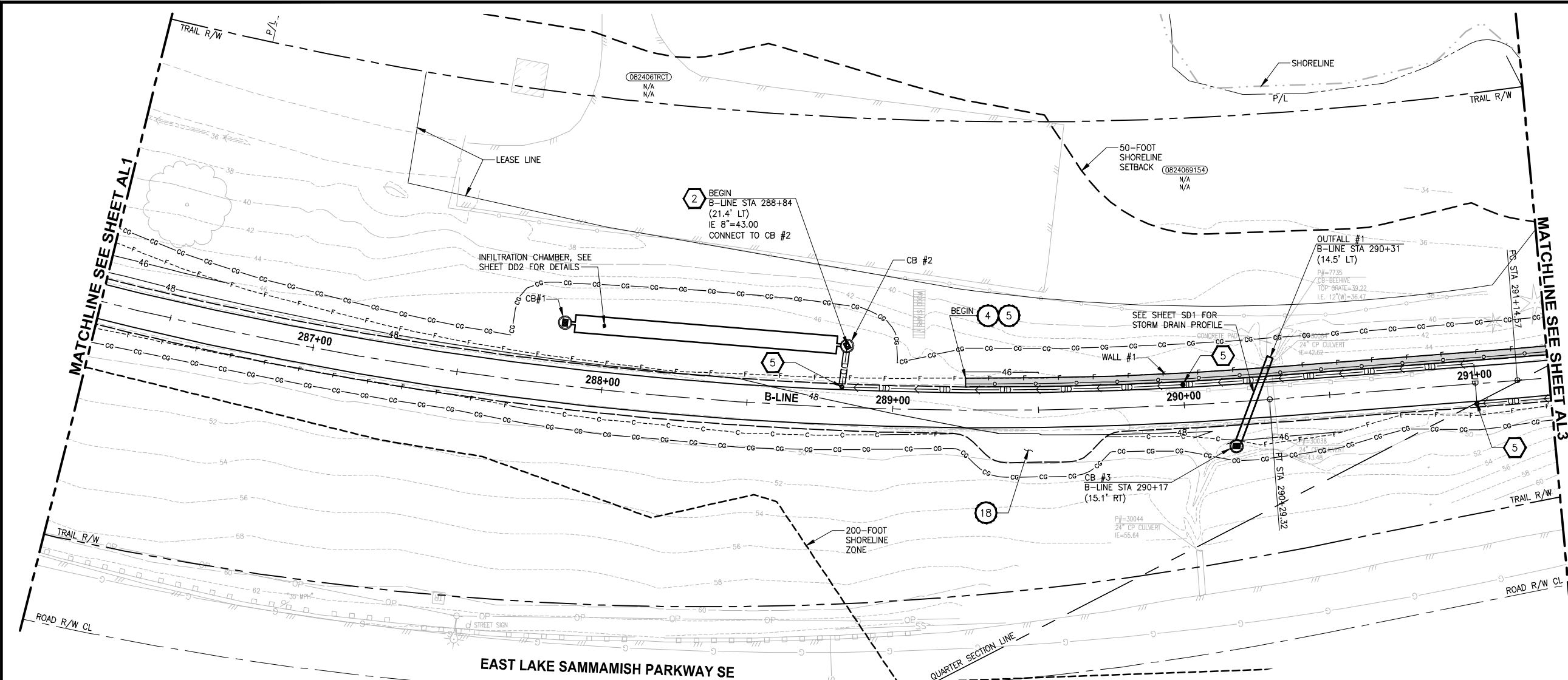
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO. 54 OF 158
AL1

PLOTTED BY: purgubut DATE: Friday, July 07, 2017 4:59:55 PM
 PATH: U:\P50\Projects\Clients\1521-075-ELST\985Secs\CADD\Phase 19\T03_Civil\Draw\



B-LINE PROFILE
 HORIZ: 1"=20'
 VERT: 1"=5'

- CIVIL CONSTRUCTION NOTES:**
- 1 RESTORE AND INSTALL STAIR. TYPE TO BE DETERMINED.
 - 2 RECONSTRUCT PEDESTRIAN BRIDGE.
 - 3 INSTALL PRECAST REINF CONC SPLIT BOX CULVERT. SEE FP SHEETS FOR DETAILS.
 - 4 INSTALL STRUCTURAL EARTH WALL. SEE WALL DETAILS ON SHEET X. SEE WALL PROFILES ON WP SHEETS.
 - 5 INSTALL COATED CHAIN LINK FENCE TYPE 6. FOR GROUND POST INSTALLATION SEE APPENDIX B IN THE SPECIFICATIONS. SEE SHEET X FOR MOUNTING ON TOP OF WALL.
 - 6 NEW DRIVEWAY.
 - 7 INSTALL WOOD GUARDRAIL, SEE DETAILS ON SHEET XX.
 - 8 INSTALL SPLIT RAIL FENCE, SEE DETAILS ON SHEET XX.
 - 9 INSTALL GRAVITY BLOCK WALL. SEE WALL DETAILS ON SHEET XX. SEE WALL PROFILES ON WP SHEETS.
 - 10 DRIVEWAY REMOVAL. SEE MP SHEETS FOR PLANTING PLAN.
 - 11 INSTALL PATTERNED CONCRETE DRIVEWAY. SEE DETAILS ON SHEET XX.
 - 12 INSTALL TYPE 1 REST STOP. SEE DETAILS ON SHEET XX.
 - 13 INSTALL TYPE 2 REST STOP. SEE DETAILS ON SHEET XX.
 - 14 INSTALL SOLDIER PILE WALL. SEE S SHEETS.
 - 15 INSTALL GRAVITY BLOCK WALL.
 - 16 INSTALL WING WALL, SEE FP SHEETS.
 - 17 INSTALL EXTRUDED CURB PER WSDOT STD PLAN F-10.42-00.
 - 18 REST STOP PULL-OUT.
 - 19 STAIRS WILL BE ELIMINATED DURING CONSTRUCTION.
 - 20 BRIDGES WILL BE REMOVED TO R/W LINE DURING CONSTRUCTION.
 - 21 INSTALL ROCK WALL.
 - 22 INSTALL METAL HANDRAIL.

- STORMWATER CONSTRUCTION NOTES:**
- 1 INFILTRATION TRENCH, SEE DETAIL 4 ON SHEET DD1.
 - 2 UNDERDRAIN TRENCH, SEE DETAIL 5 ON SHEET DD1.
 - 3 ROCK PAD, SEE DETAIL 2 ON SHEET DD1 AND WP SHEETS.
 - 4 CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
 - 5 INSTALL UNDERDRAIN TRENCH CLEANOUT, SEE DETAIL 6 ON SHEET DD1.
 - 6 INSTALL RECTANGULAR SLIP RESISTANT SOLID METAL COVER PER WSDOT STD DETAIL B-30.20-02.
 - 7 CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1.
 - 8 BASIC DISPERSION, SEE SHEET CS3.
 - 9 QUARRY SPALL OUTFALL PROTECTION. SEE DETAIL 3 ON SHEET DD1.
 - 10 ADJUST CATCH BASIN.

- LEGEND:**
- RETAINING WALL
 - SOLDIER PILE WALL
 - WOOD GUARDRAIL
 - DISPERSION AREA
 - DRIVEWAY REMOVAL
 - LANDING PAD

CITY OF SAMMAMISH APPROVAL

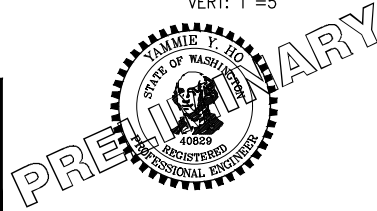
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
 NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P19T03AL-01
 JOB No.: 534-1521-075 P19 T03
 DATE: JULY 2017



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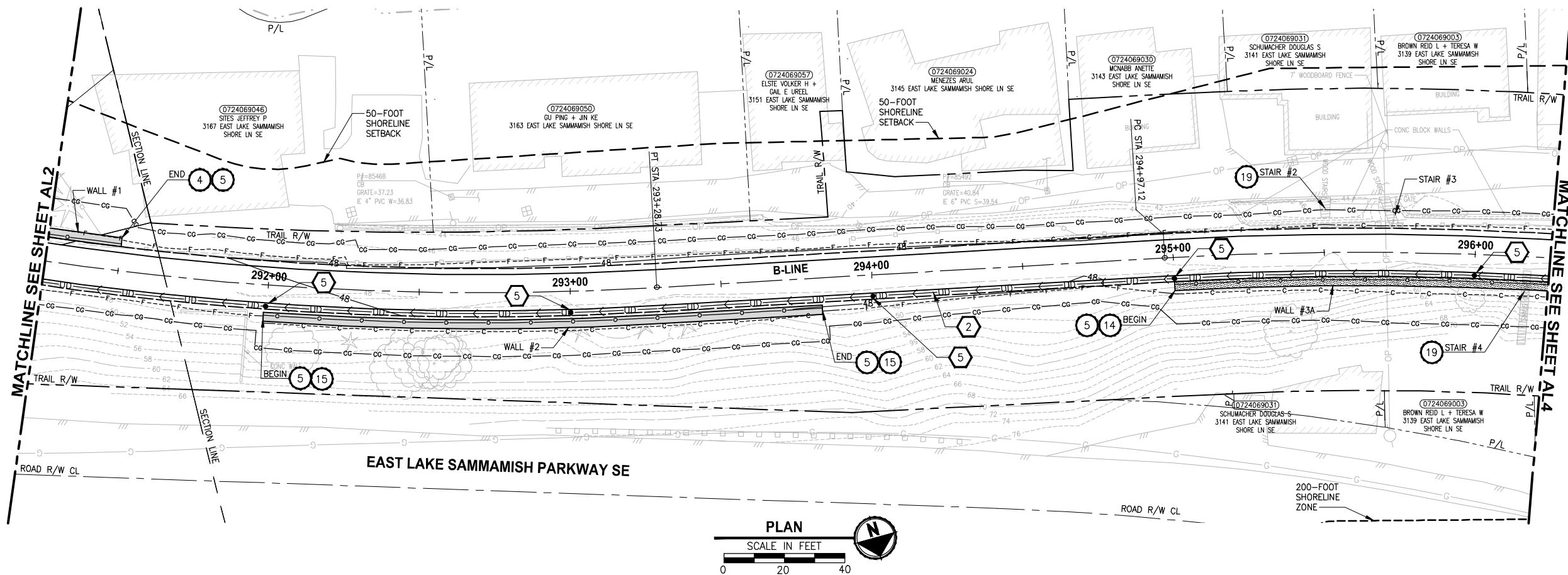
PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
 55 OF 158

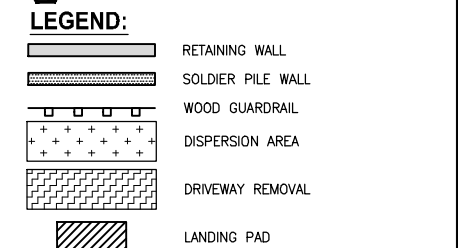
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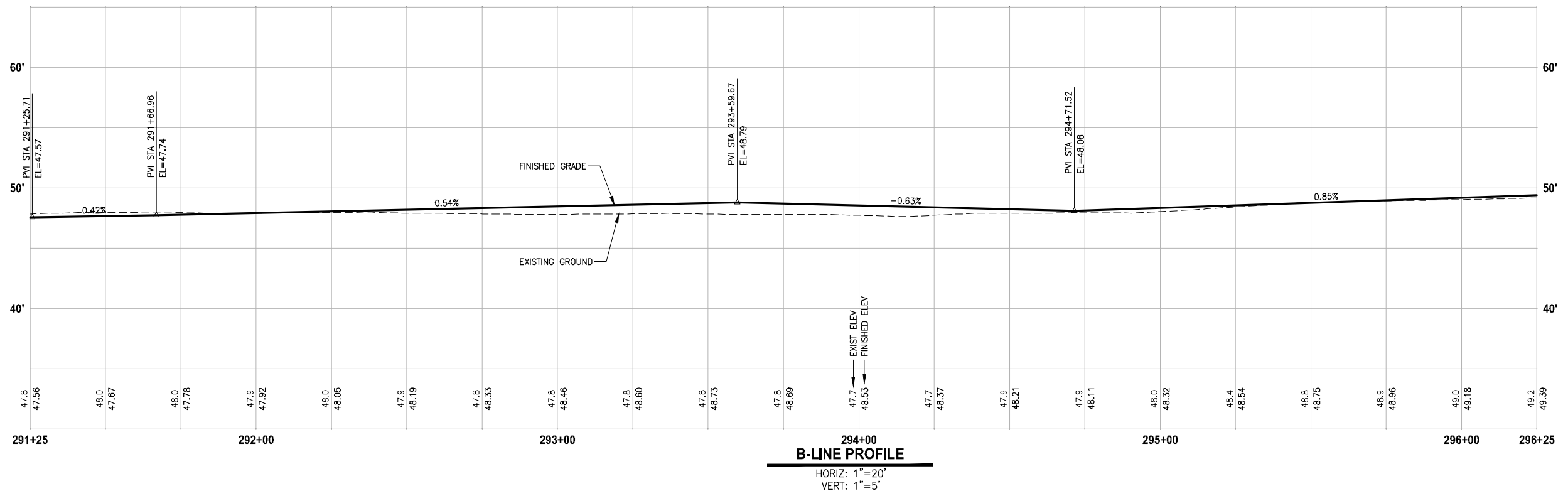
- CIVIL CONSTRUCTION NOTES:**
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CITY OF SAMMAMISH APPROVAL

City Engineer _____	Date _____
Community Development _____	Date _____

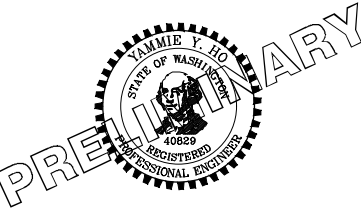


**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

**ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY**

FILE NAME: BL1521075P19T03AL-01
JOB No.: 554-1521-075 P19 T03
DATE: JULY 2017



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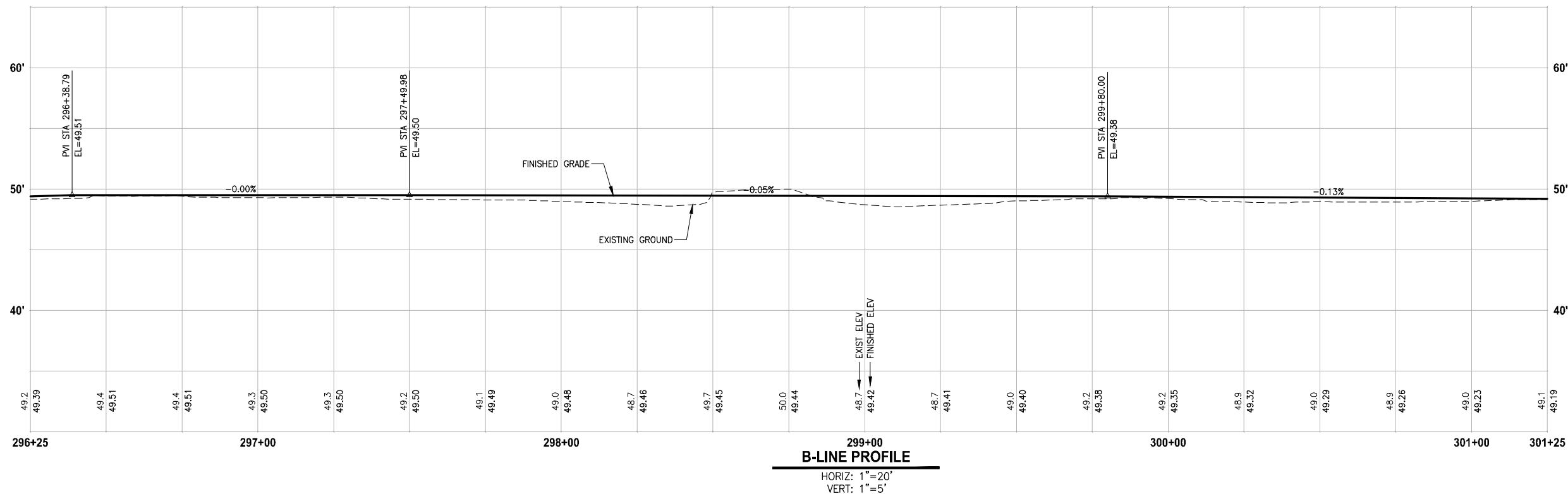
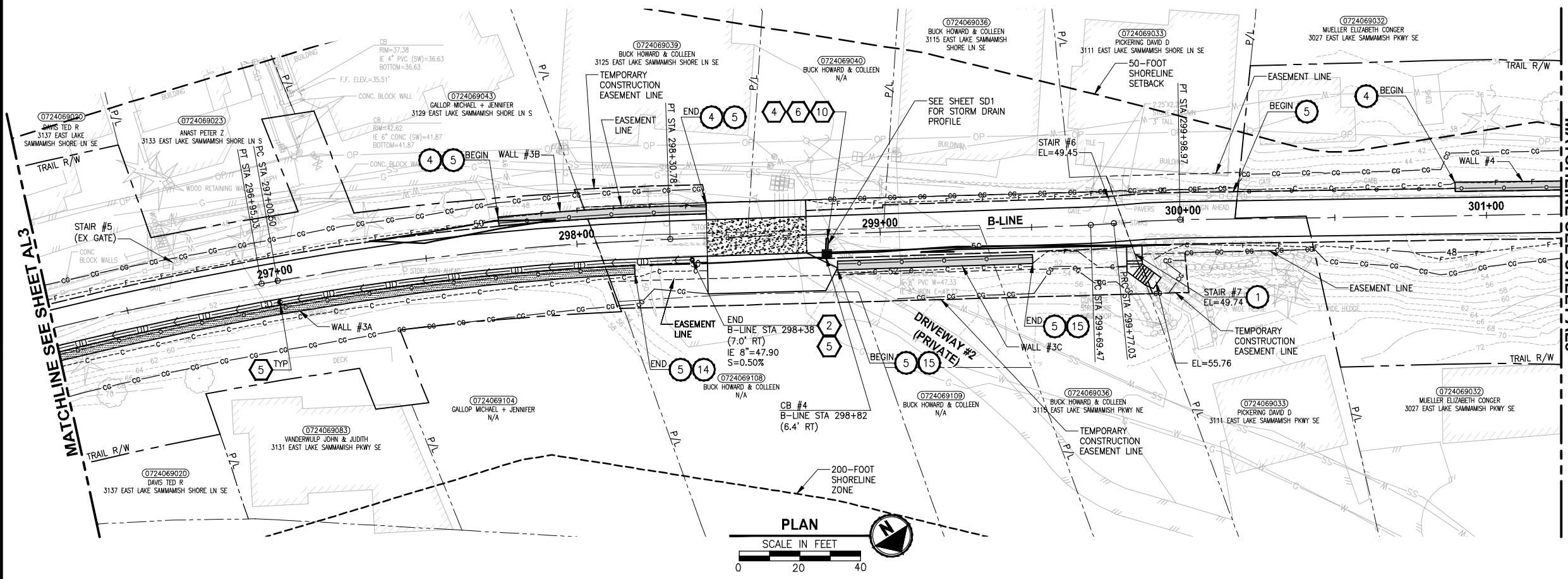
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P 206.394.3700
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PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
56 OF 158
AL3

LAYOUT: AL4
 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\95\Secs\CADD\Phase 19\T03_Civil\Draw\ PLOTTED BY: purgaban DATE: Friday, July 07, 2017 5:00:42 PM



- CIVIL CONSTRUCTION NOTES:**
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- LEGEND:**
- RETAINING WALL
 - SOLDIER PILE WALL
 - WOOD GUARDRAIL
 - DISPERSION AREA
 - DRIVEWAY REMOVAL
 - LANDING PAD

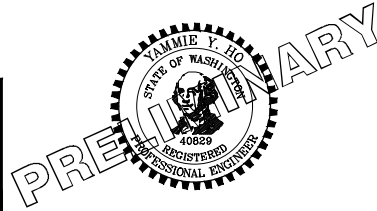
CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

**ONE INCH AT FULL SCALE,
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FILE NAME: BL1521075P19T03AL-01
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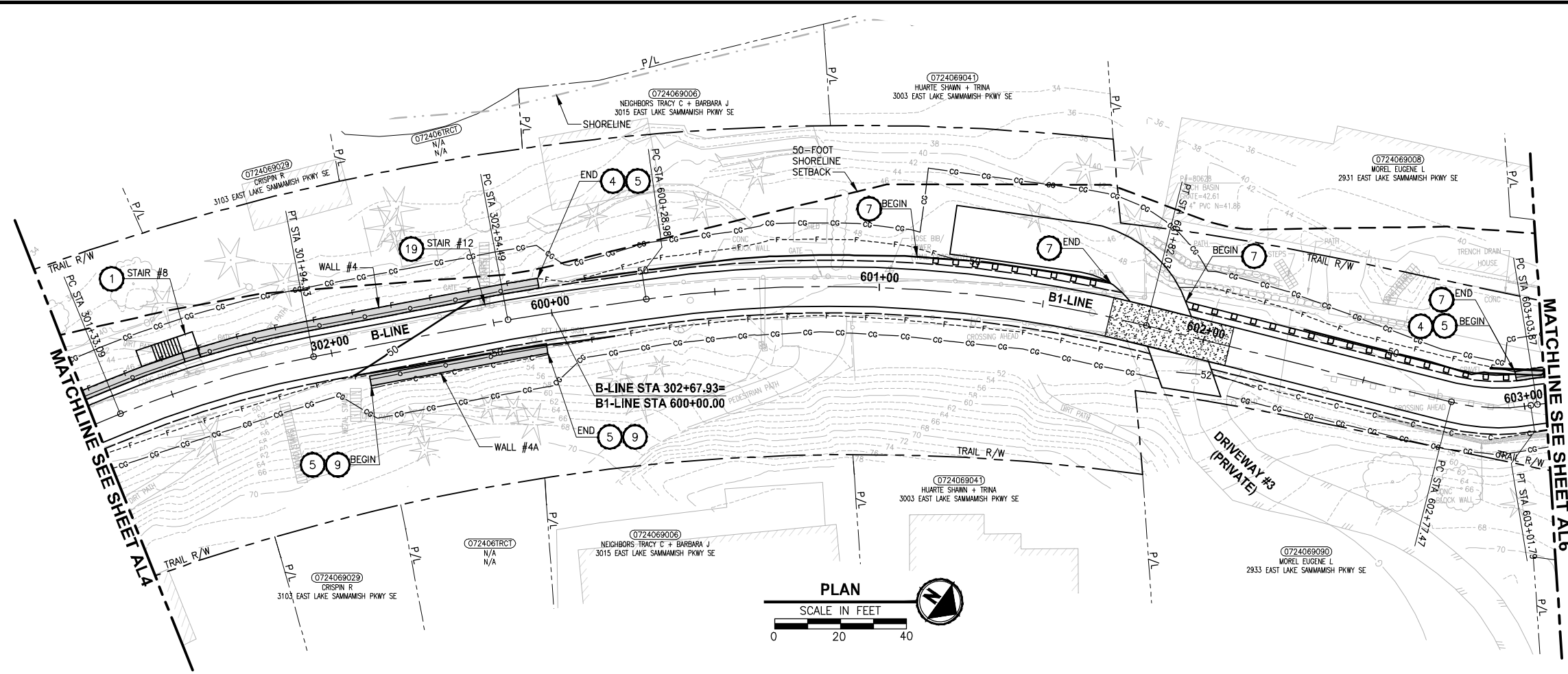
PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
 57 OF 158

AL4

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\985\CS\A000\Phase 19\T03_Civil\Draw\ PLOTTED BY: purgubut DATE: Friday, July 07, 2017 5:01:07 PM LAYOUT: AL5



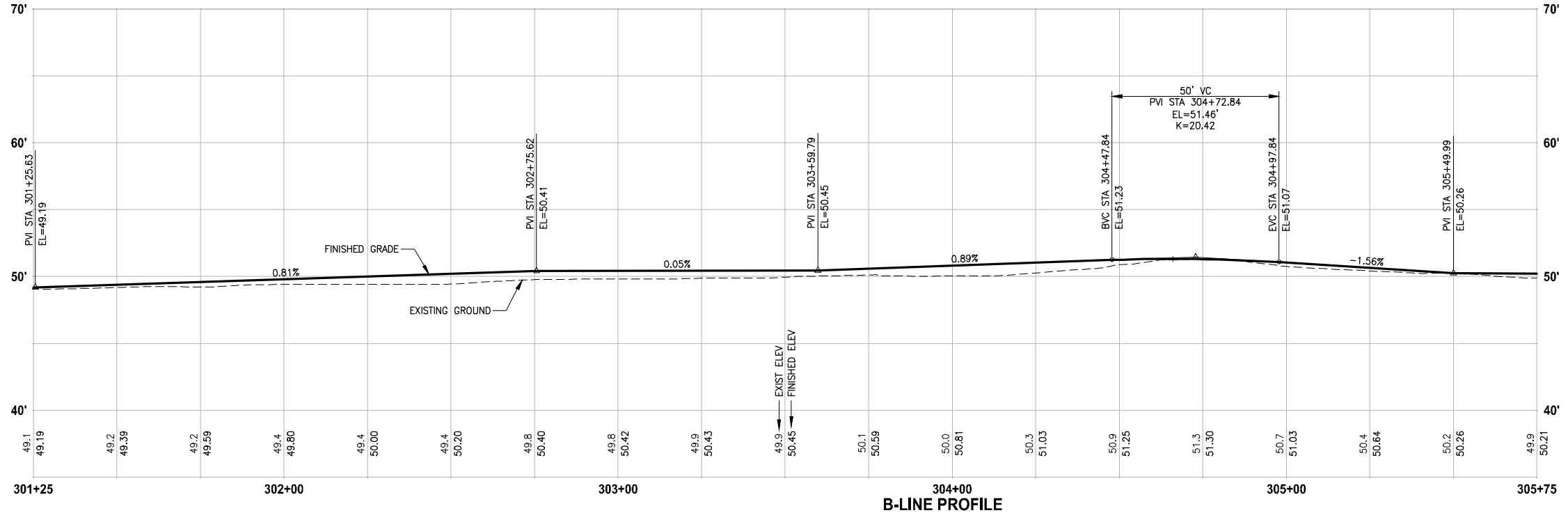
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CITY OF SAMMAMISH APPROVAL

City Engineer	Date
Community Development	Date

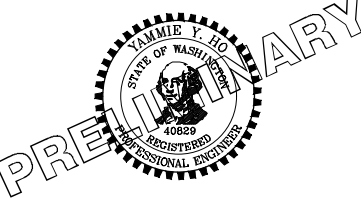


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REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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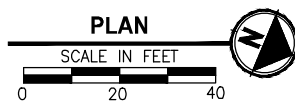
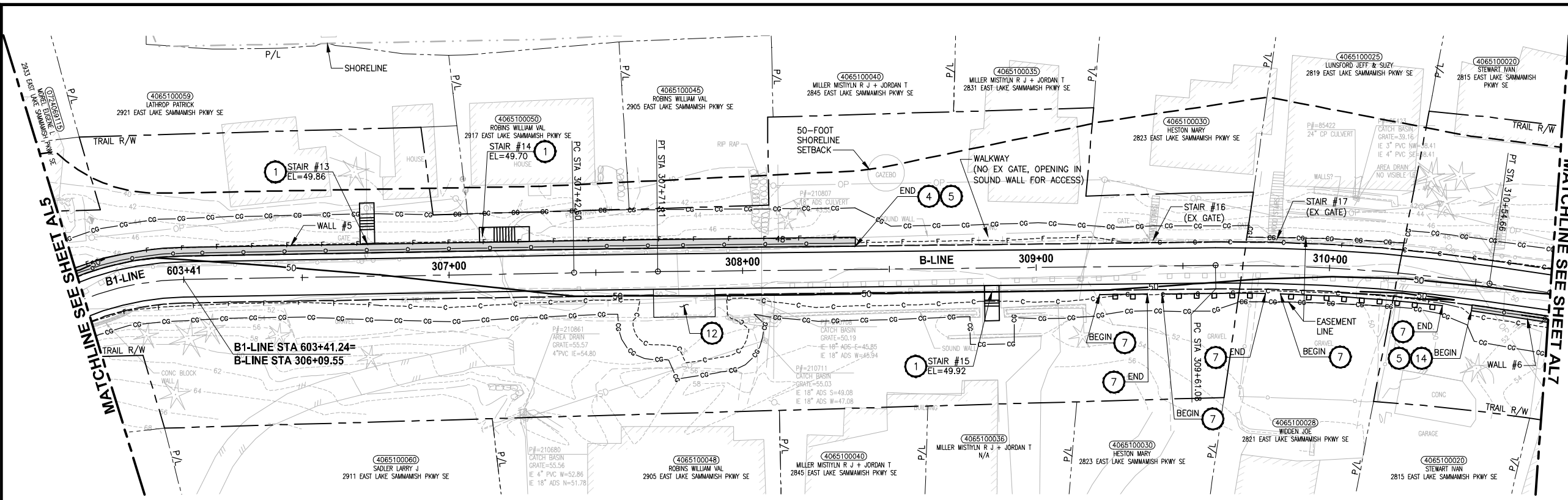
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
SAMMAMISH, WA

PLAN AND PROFILE

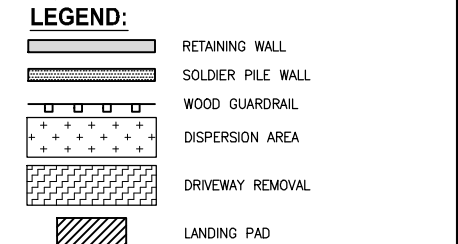
SHEET NO. 58 OF 158
AL5

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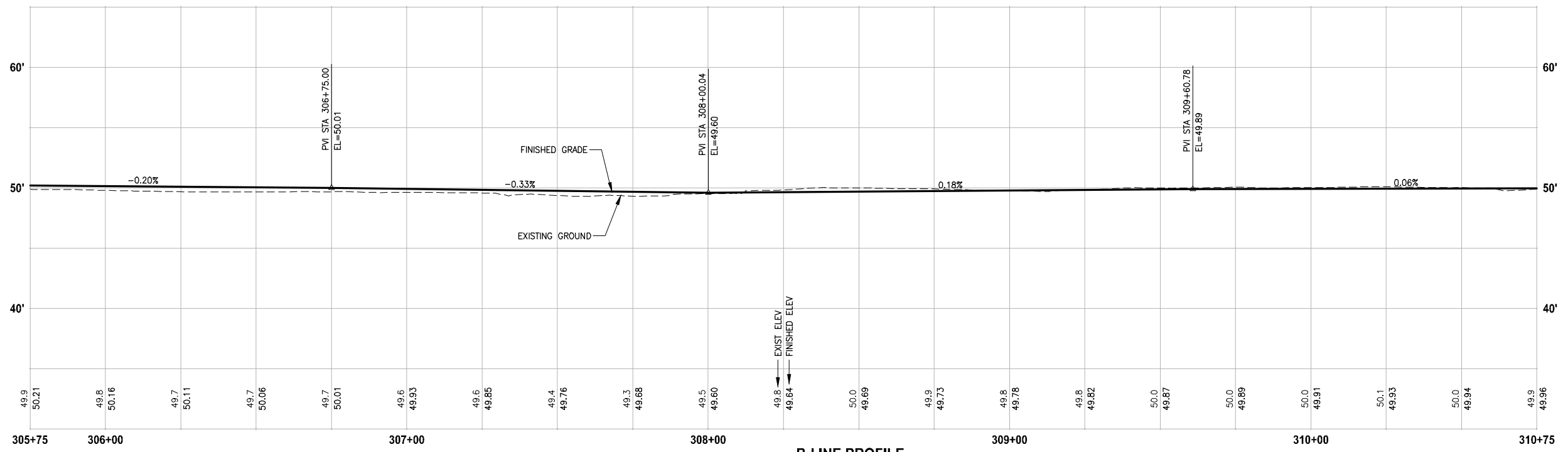
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CITY OF SAMMAMISH APPROVAL

City Engineer	Date
Community Development	Date



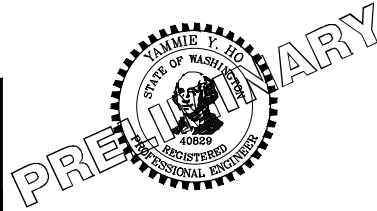
B-LINE PROFILE
HORIZ: 1"=20'
VERT: 1"=5'

REVISED 60% REVIEW SUBMITTAL
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REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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FILE NAME: BL1521075P19T03AL-01
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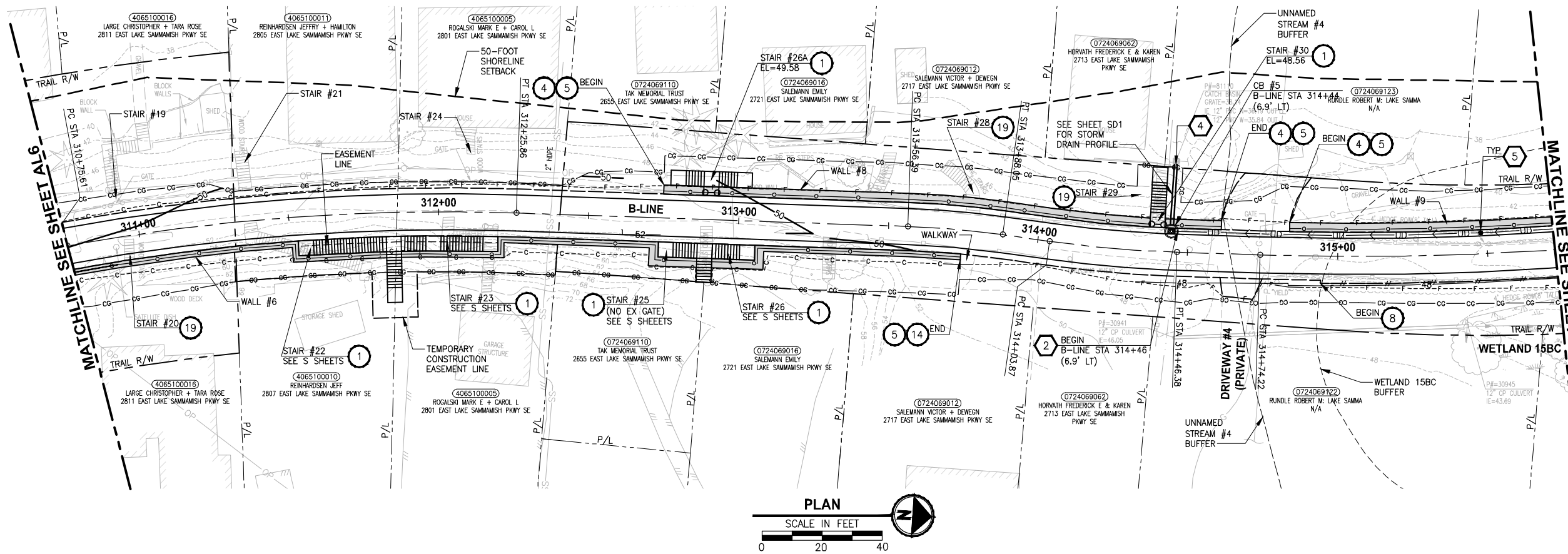
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
59 OF 158
AL6

PATH: U:\P50\Projects\Clients\1521-KingCo\554-1521-075-ELST\985Sec\CA000\Phase 19\T03_Civil\Draw\ PLOTTED BY: purgaban DATE: Friday, July 07, 2017 5:01:58 PM LAYOUT: AL7



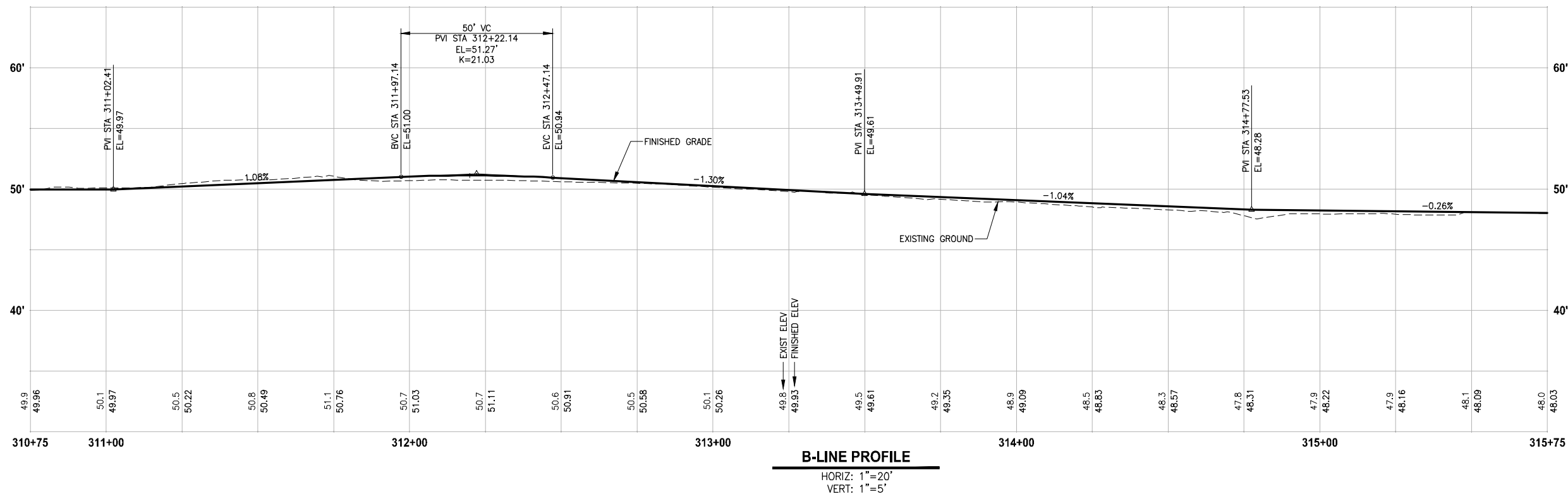
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- LEGEND:**
- RETAINING WALL
 - SOLDIER PILE WALL
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CITY OF SAMMAMISH APPROVAL

City Engineer _____	Date _____
Community Development _____	Date _____

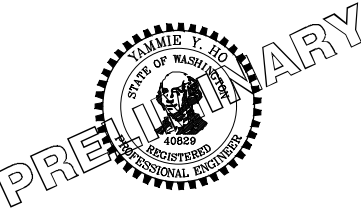


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REVISIONS	DATE	BY	DESIGNED
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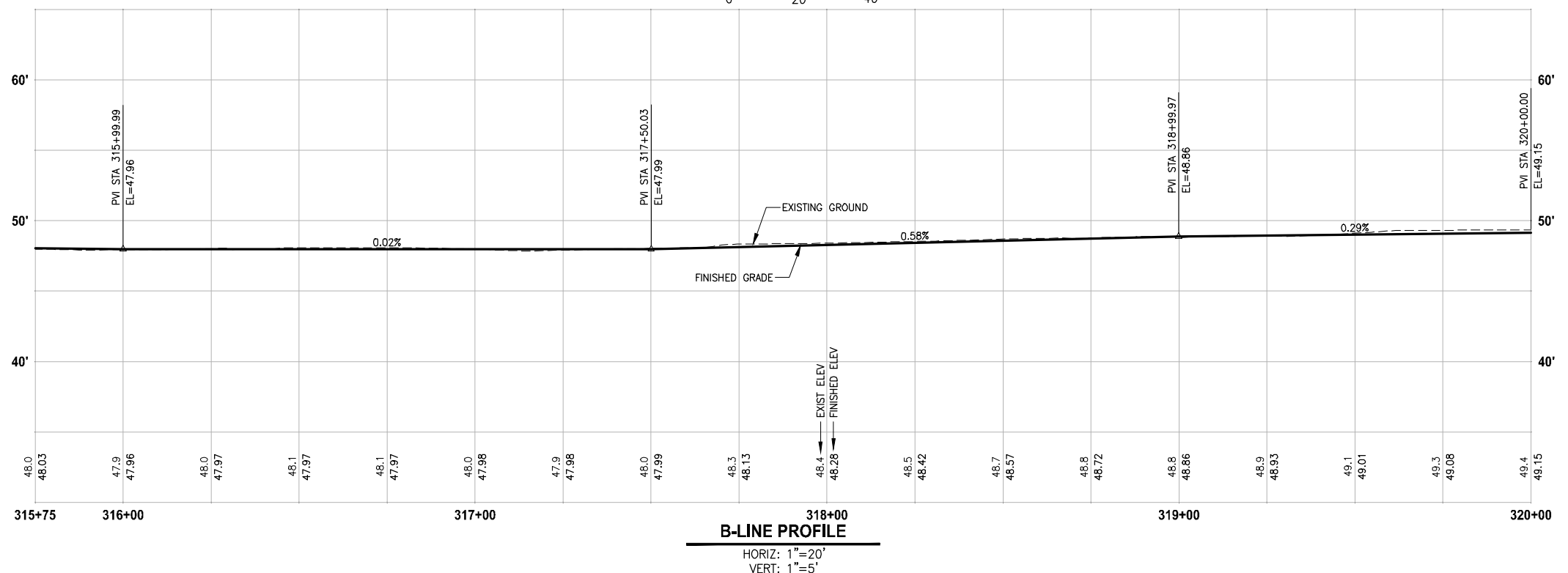
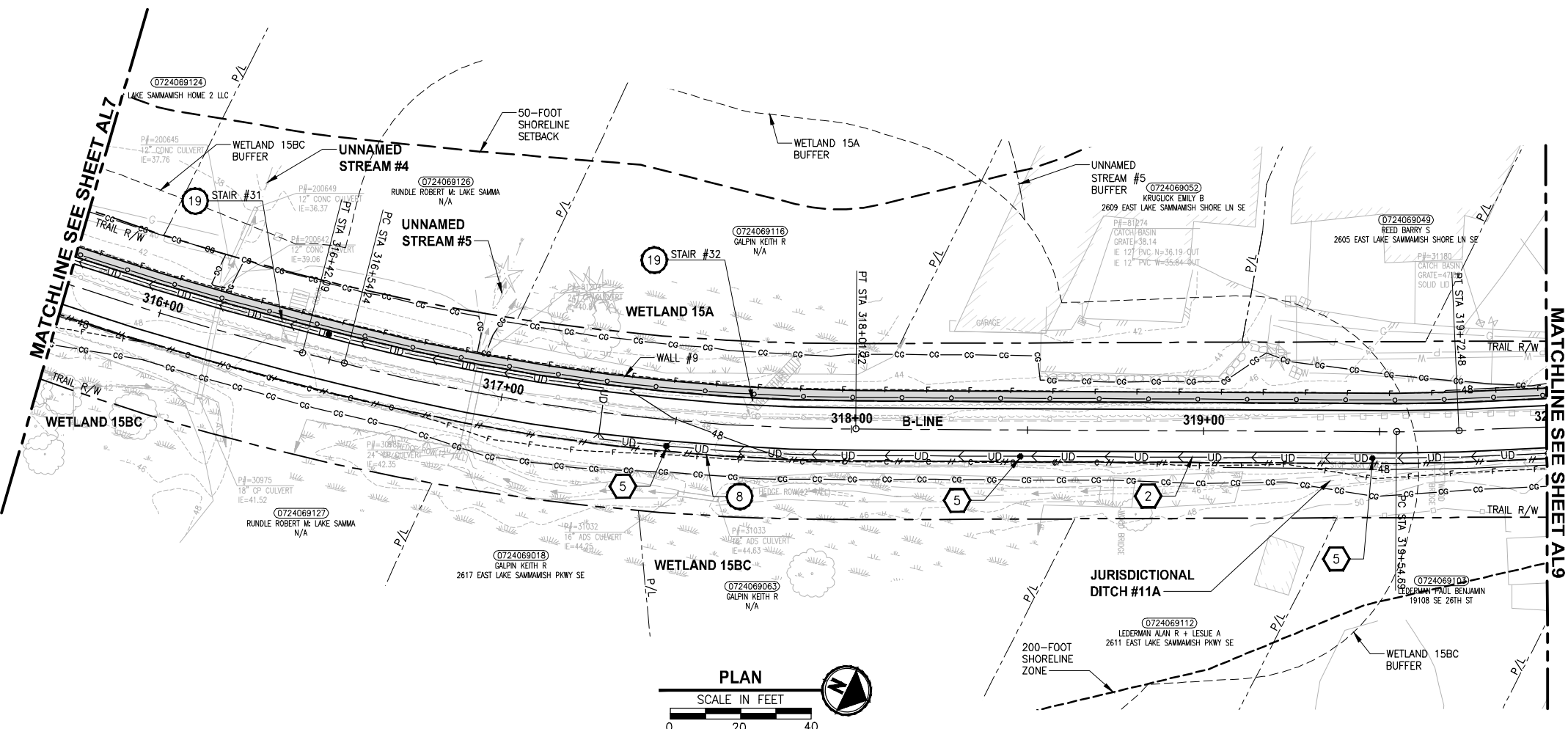
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
60 OF 158
AL7

PATH: U:\P50\Projects\Clients\1521-KingCo\554-1521-075-ELST\985\CA000\Phase 19\T03_Civil\Draw\ PLOTTED BY: purgubut DATE: Friday, July 07, 2017 5:02:22 PM LAYOUT: ALB



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 - WOOD GUARDRAIL
 - DISPERSION AREA
 - DRIVEWAY REMOVAL
 - LANDING PAD

CITY OF SAMMAMISH APPROVAL

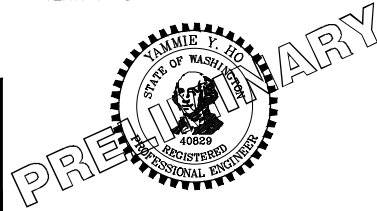
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

**ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY**

FILE NAME: BL1521075P19T03AL-01
JOB No: 554-1521-075 P19 T03
DATE: JULY 2017



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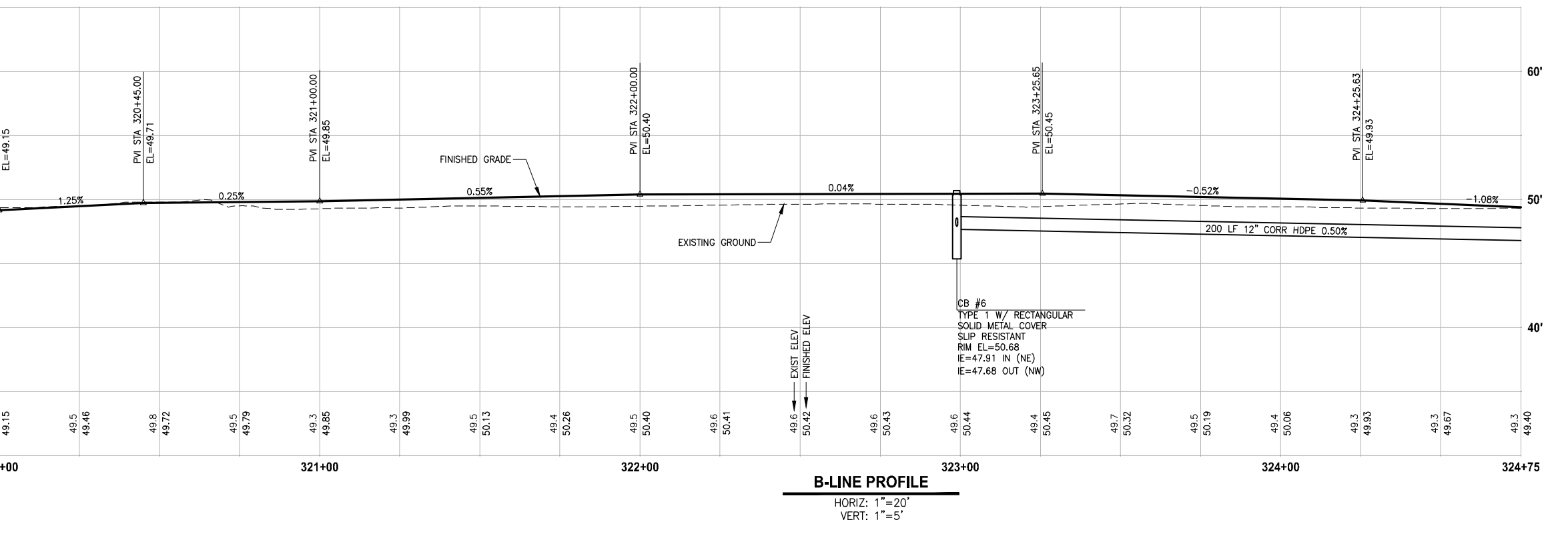
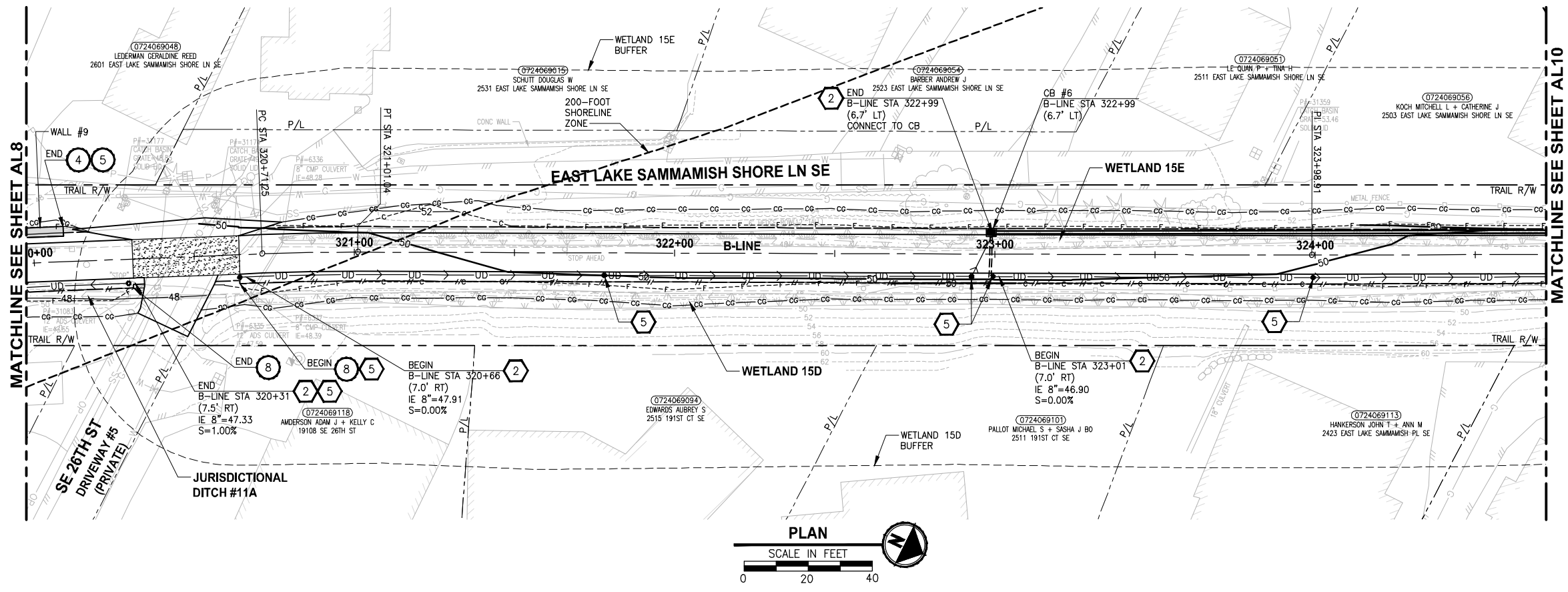
PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

SHEET NO.
61 OF 158

PLAN AND PROFILE

AL8

PATH: U:\PSO\Projects\Clients\1521-075-ELST\985\CA000\Phase 19\T03_Civil\Draw\ PLOTTED BY: purguban DATE: Friday, July 07, 2017 5:02:46 PM LAYOUT: AL9



- ### CIVIL CONSTRUCTION NOTES:
- RESTORE AND INSTALL STAIR. TYPE TO BE DETERMINED.
 - RECONSTRUCT PEDESTRIAN BRIDGE.
 - INSTALL PRECAST REINF CONC SPLIT BOX CULVERT. SEE FP SHEETS FOR DETAILS.
 - INSTALL STRUCTURAL EARTH WALL. SEE WALL DETAILS ON SHEET X. SEE WALL PROFILES ON WP SHEETS.
 - INSTALL COATED CHAIN LINK FENCE TYPE 6. FOR GROUND POST INSTALLATION SEE APPENDIX B IN THE SPECIFICATIONS. SEE SHEET X FOR MOUNTING ON TOP OF WALL.
 - NEW DRIVEWAY.
 - INSTALL WOOD GUARDRAIL, SEE DETAILS ON SHEET XX.
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 - INSTALL WING WALL, SEE FP SHEETS.
 - INSTALL EXTRUDED CURB PER WSDOT STD PLAN F-10.42-00.
 - REST STOP PULL-OUT.
 - STAIRS WILL BE ELIMINATED DURING CONSTRUCTION.
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 - INSTALL METAL HANDRAIL.

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 - UNDERDRAIN TRENCH, SEE DETAIL 5 ON SHEET DD1.
 - ROCK PAD, SEE DETAIL 2 ON SHEET DD1 AND WP SHEETS.
 - CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
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 - CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1.
 - BASIC DISPERSION, SEE SHEET CS3.
 - QUARRY SPALL OUTFALL PROTECTION. SEE DETAIL 3 ON SHEET DD1.
 - ADJUST CATCH BASIN.

- ### LEGEND:
- RETAINING WALL
 - SOLDIER PILE WALL
 - WOOD GUARDRAIL
 - DISPERSION AREA
 - DRIVEWAY REMOVAL
 - LANDING PAD

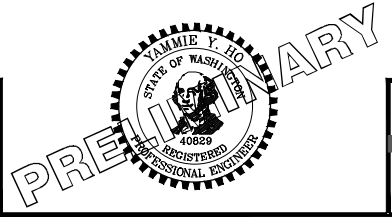
CITY OF SAMMAMISH APPROVAL

City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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 FILE NAME: BL1521075P19T03AL-01
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 DATE: JULY 2017



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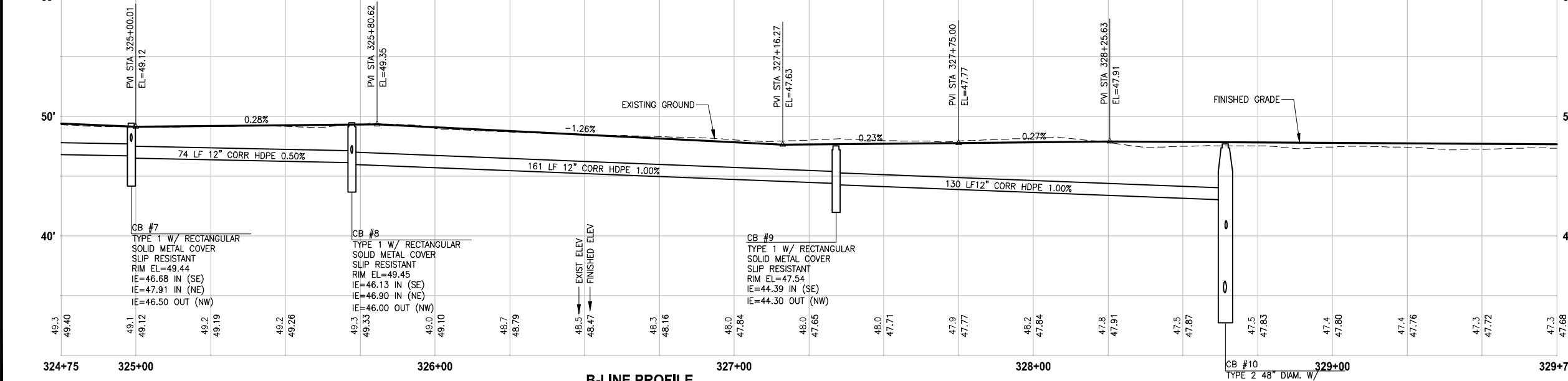
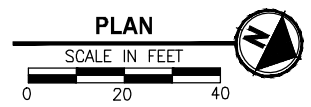
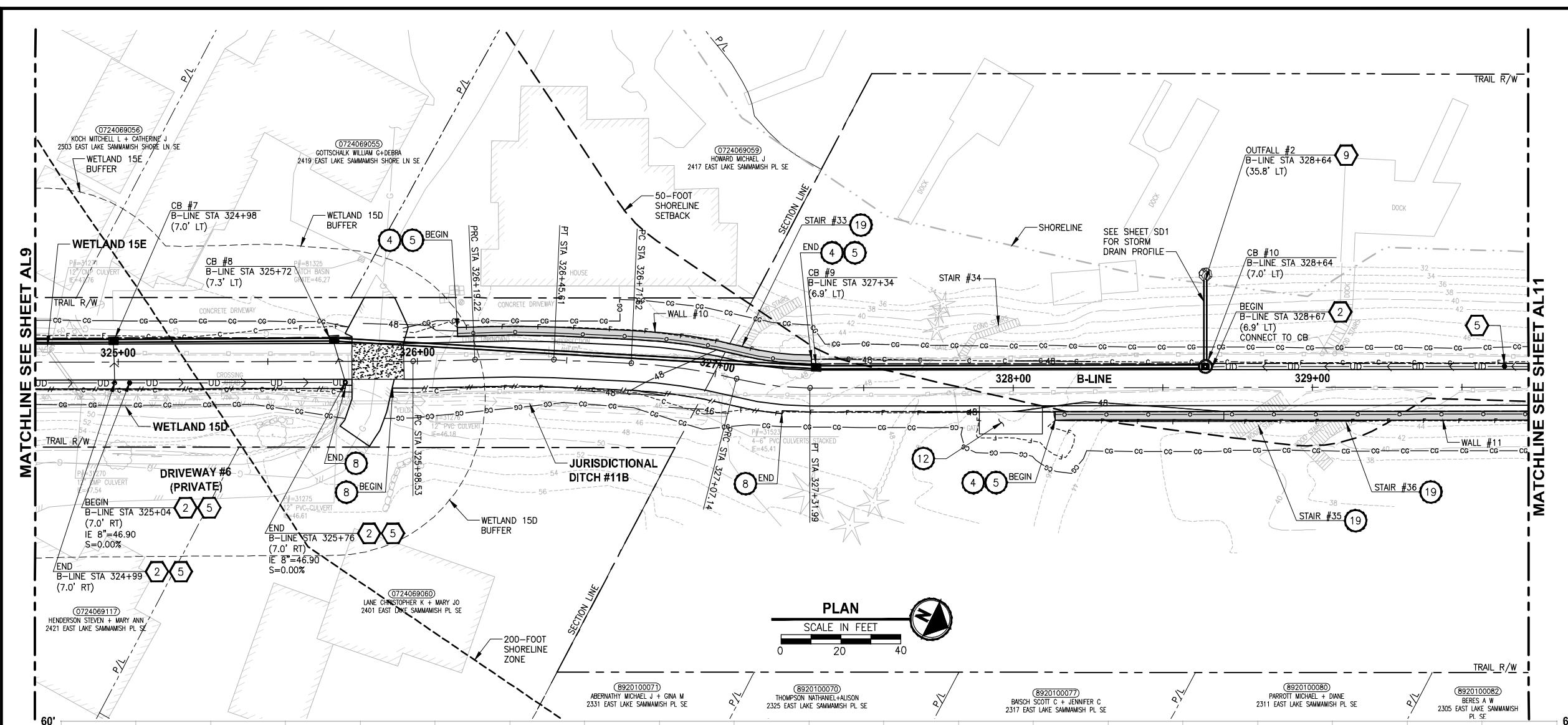
PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
62 OF 158

AL9

LAYOUT: AL10
 PATH: U:\PSO\Projects\Clients\KingCo\554-1521-075-ELST\995\Drawings\19\T03_Civil\DWG\ PLOTTED BY: purgaban DATE: Friday, July 07, 2017 5:03:12 PM



B-LINE PROFILE
 HORIZ: 1"=20'
 VERT: 1"=5'

- CIVIL CONSTRUCTION NOTES:**
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 - WOOD GUARDRAIL
 - DISPERSION AREA
 - DRIVEWAY REMOVAL
 - LANDING PAD

CITY OF SAMMAMISH APPROVAL

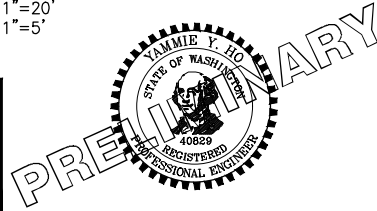
City Engineer _____	Date _____
Community Development _____	Date _____

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REVISIONS	DATE	BY	DESIGNED
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			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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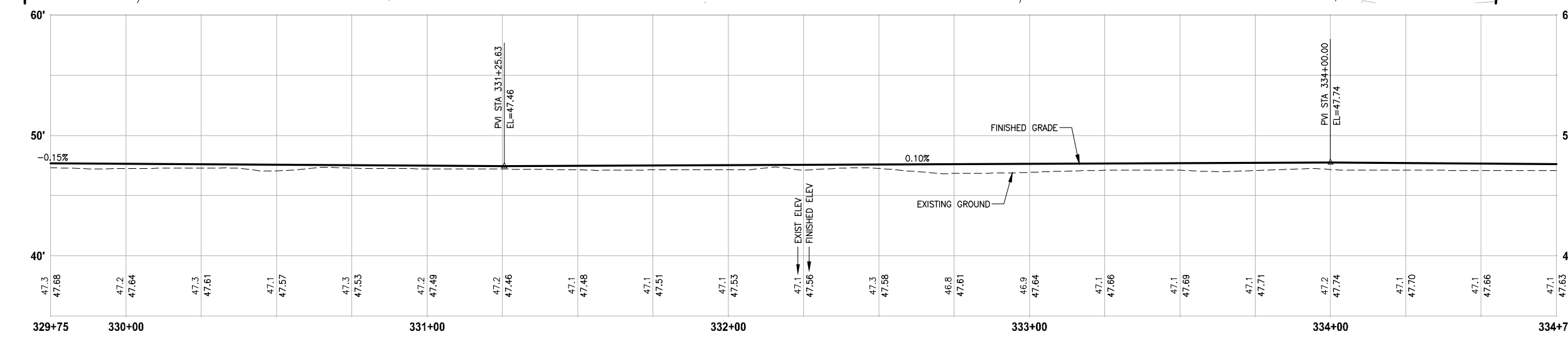
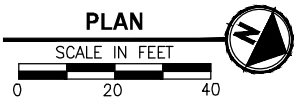
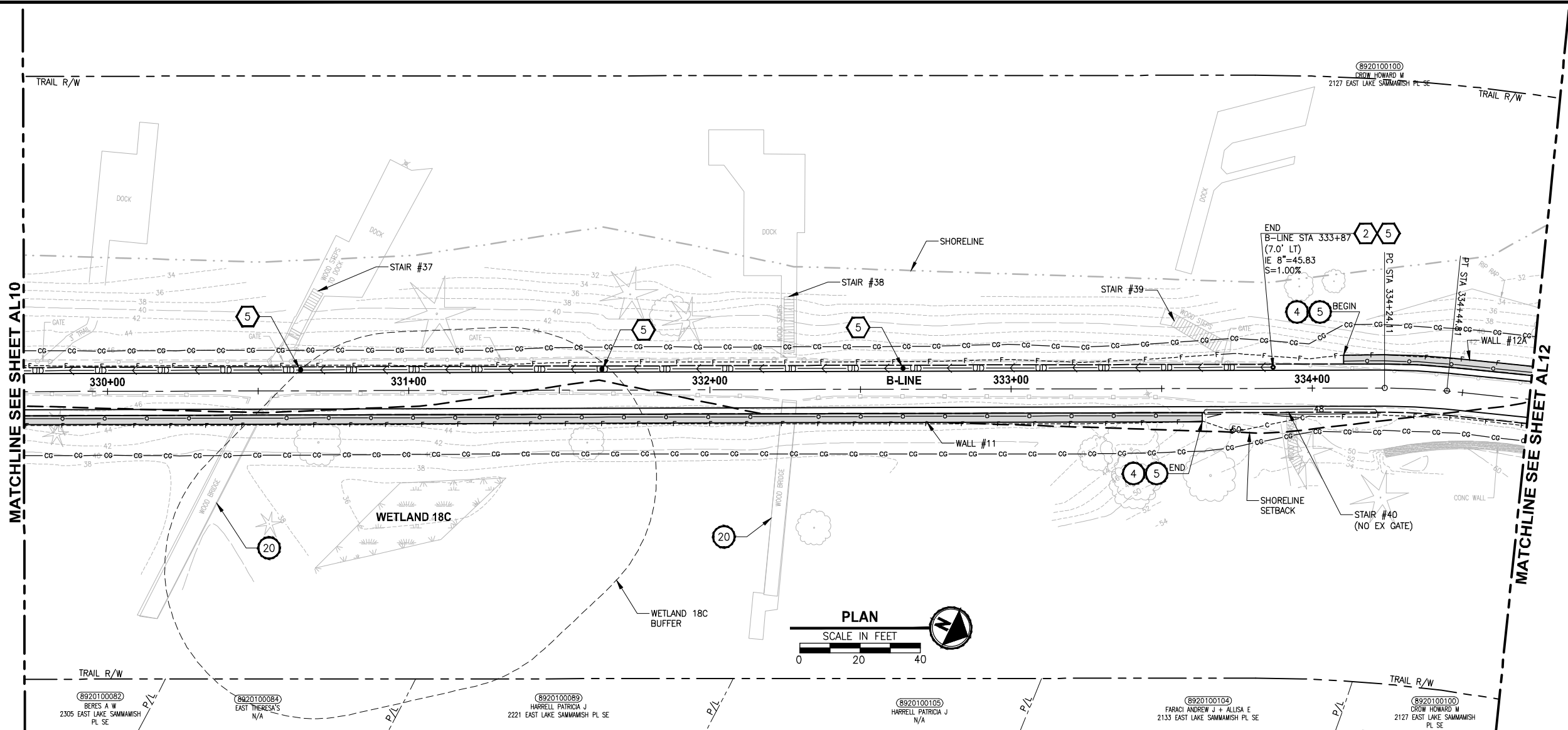
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
 63 OF 158
AL10

PATH: U:\PSO\Projects\Clients\1521-KingCo\564-1521-075-ELST\99Secs\CADD\Phase 19\T03_Civil\DWG\ LAYOUT: AL11 PLOTTED BY: purganub DATE: Friday, July 07, 2017 5:04:21 PM



B-LINE PROFILE
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 VERT: 1"=5'

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CITY OF SAMMAMISH APPROVAL

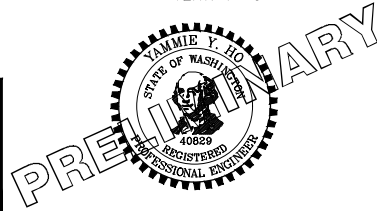
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
 NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P19T03AL-02
 JOB No.: 564-1521-075 P19 T03
 DATE: JULY 2017



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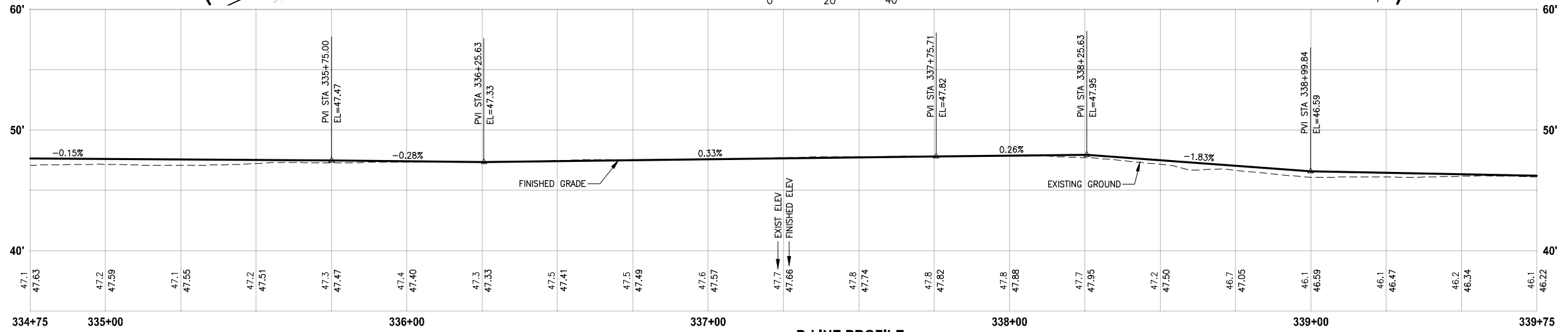
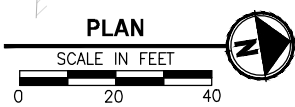
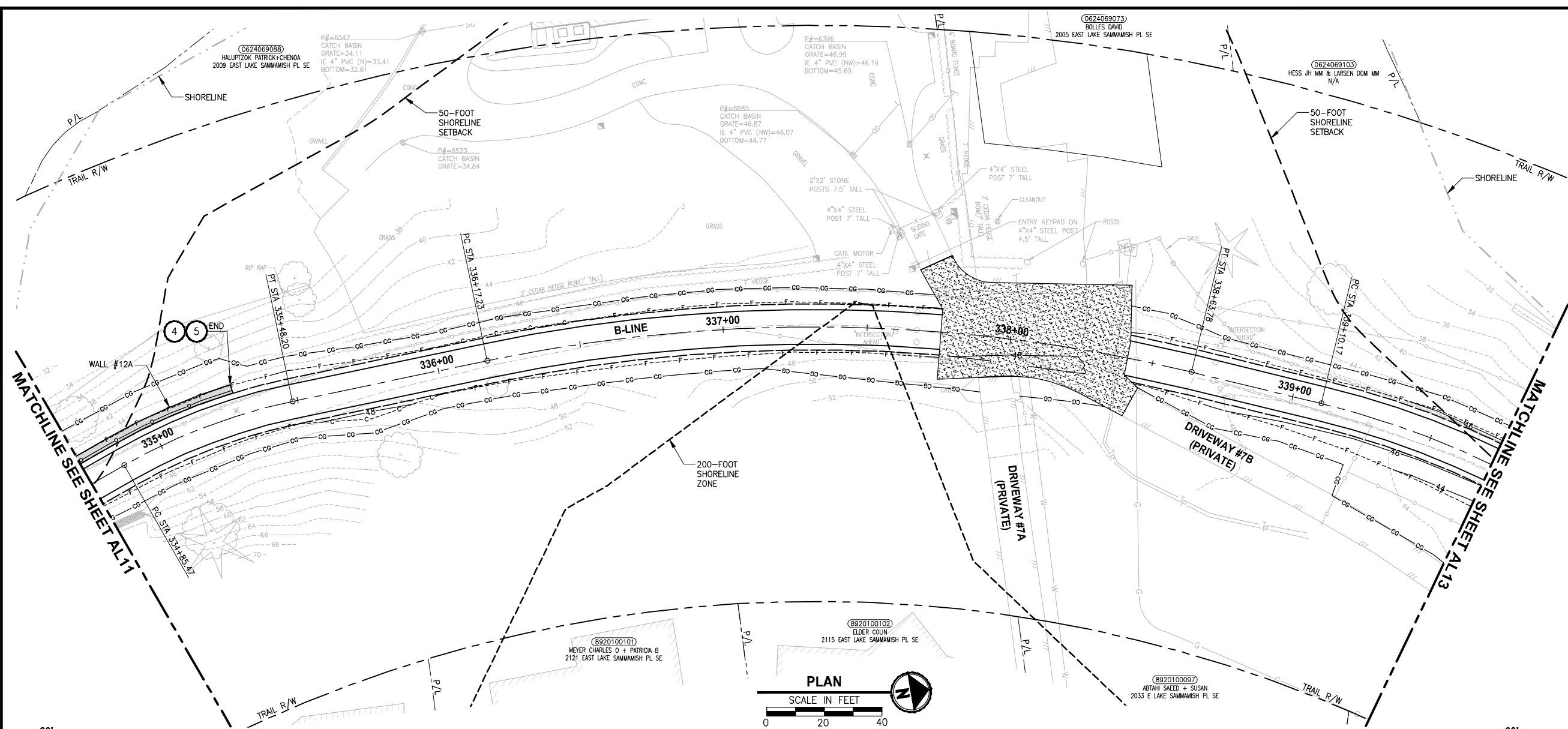
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
 64 OF 158
AL11

LAYOUT: AL12
 PATH: J:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995\cadd\Phase 19\T03_Civil\DWG\
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B-LINE PROFILE
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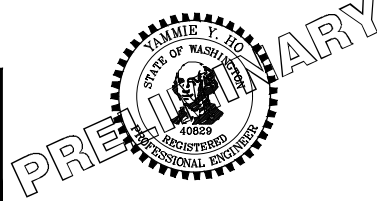
CITY OF SAMMAMISH APPROVAL

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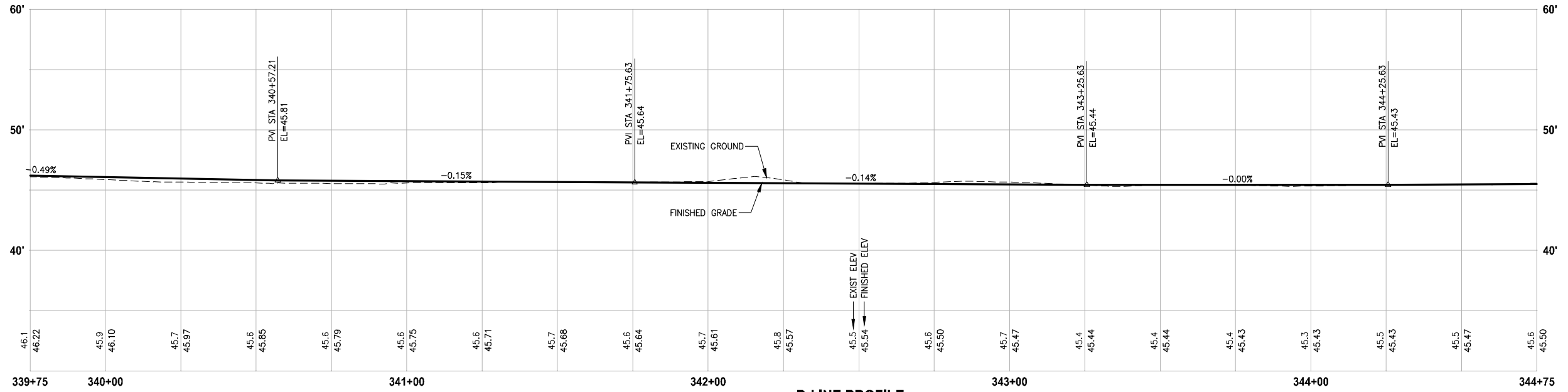
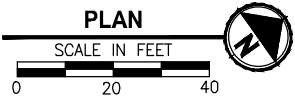
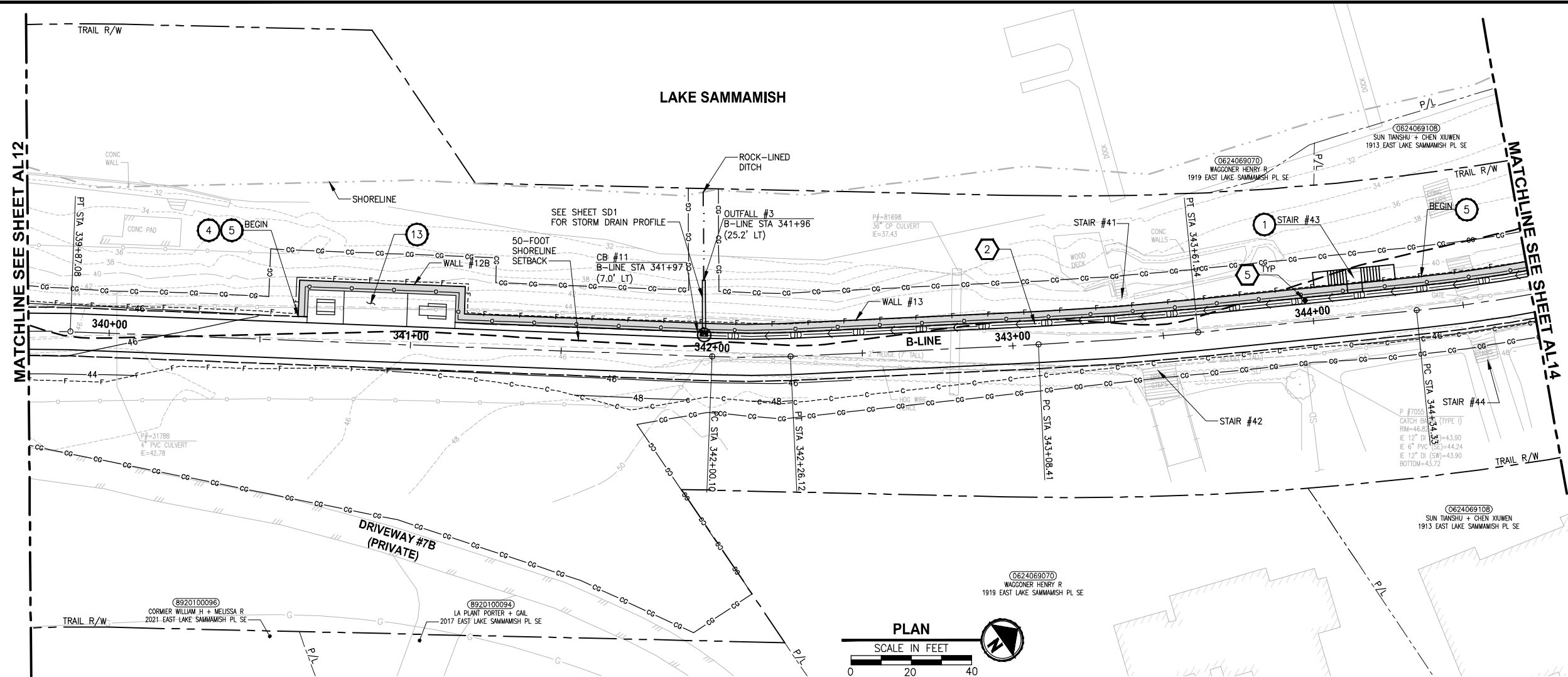
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
 65 OF 158
AL12

LAYOUT: AL13
 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\985\Drawings\19\T03_Civil\DWG\ PLOTTED BY: purgobut DATE: Friday, July 07, 2017 5:05:12 PM



B-LINE PROFILE
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CITY OF SAMMAMISH APPROVAL

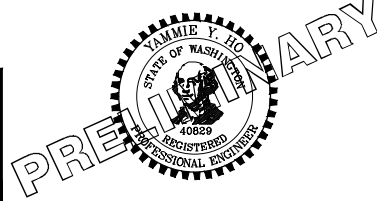
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			B. PURGANAN
			CHECKED P. JOHANNESSEN
			APPROVED Y. HO

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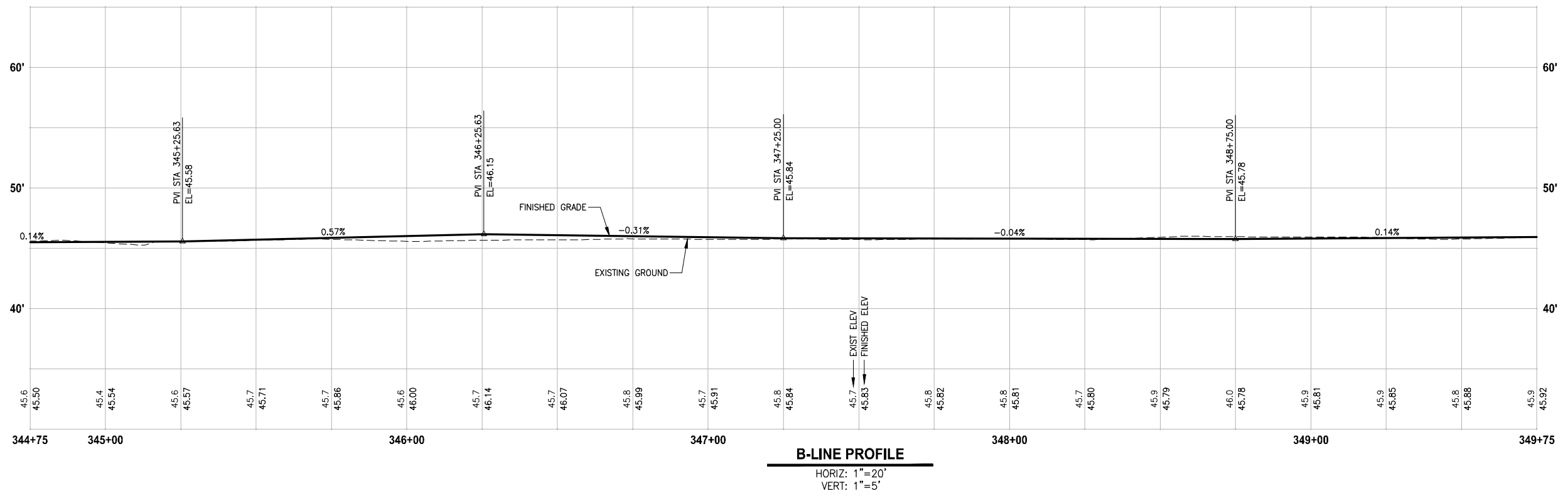
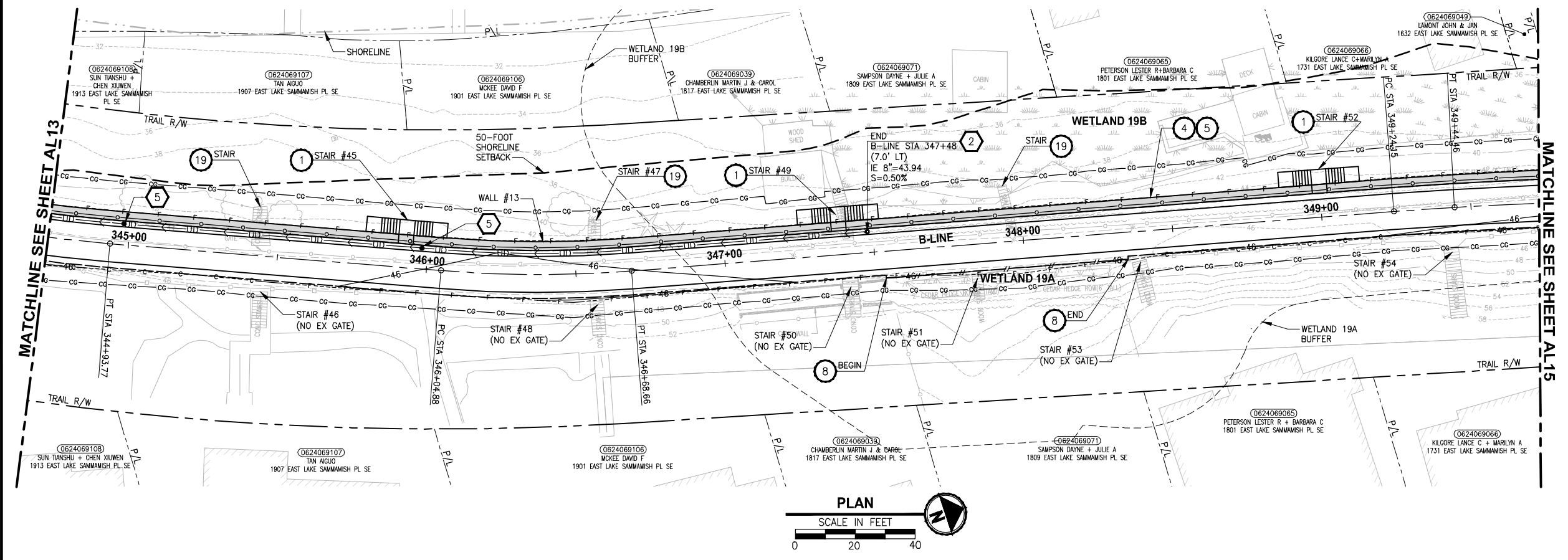
739 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
 P 206.394.3700
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
 66 OF 158
AL13

LAYOUT: AL14
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- CIVIL CONSTRUCTION NOTES:**
- 1 RESTORE AND INSTALL STAIR. TYPE TO BE DETERMINED.
 - 2 RECONSTRUCT PEDESTRIAN BRIDGE.
 - 3 INSTALL PRECAST REINF CONC SPLIT BOX CULVERT. SEE FP SHEETS FOR DETAILS.
 - 4 INSTALL STRUCTURAL EARTH WALL. SEE WALL DETAILS ON SHEET X. SEE WALL PROFILES ON WP SHEETS.
 - 5 INSTALL COATED CHAIN LINK FENCE TYPE 6. FOR GROUND POST INSTALLATION SEE APPENDIX B IN THE SPECIFICATIONS. SEE SHEET X FOR MOUNTING ON TOP OF WALL.
 - 6 NEW DRIVEWAY.
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- LEGEND:**
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 - WOOD GUARDRAIL
 - DISPERSION AREA
 - DRIVEWAY REMOVAL
 - LANDING PAD

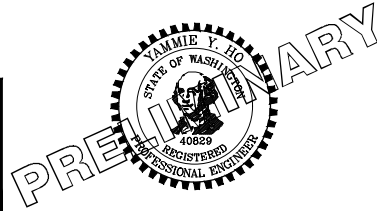
CITY OF SAMMAMISH APPROVAL

City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED M. TSUN
			DRAWN B. PURGANAN
			CHECKED P. JOHANNESSEN
			APPROVED Y. HO

**ONE INCH AT FULL SCALE,
IF NOT, SCALE ACCORDINGLY**
 FILE NAME
 BL1521075P19T03AL-02
 JOB No.
 554-1521-075 P19 T03
 DATE
 JULY 2017



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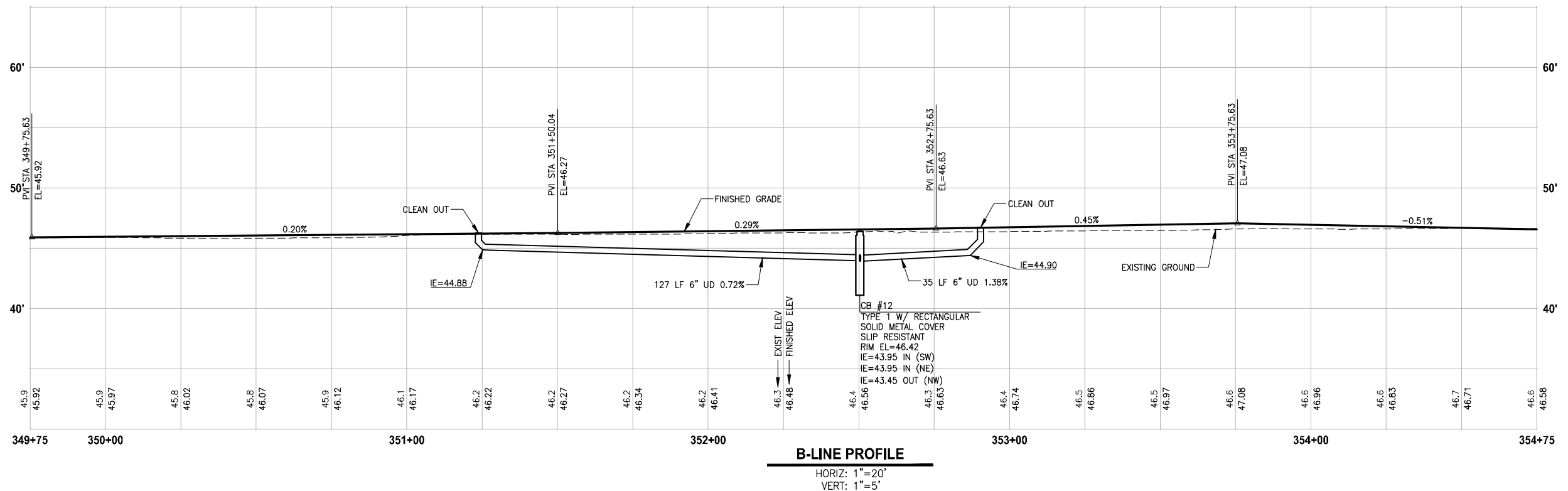
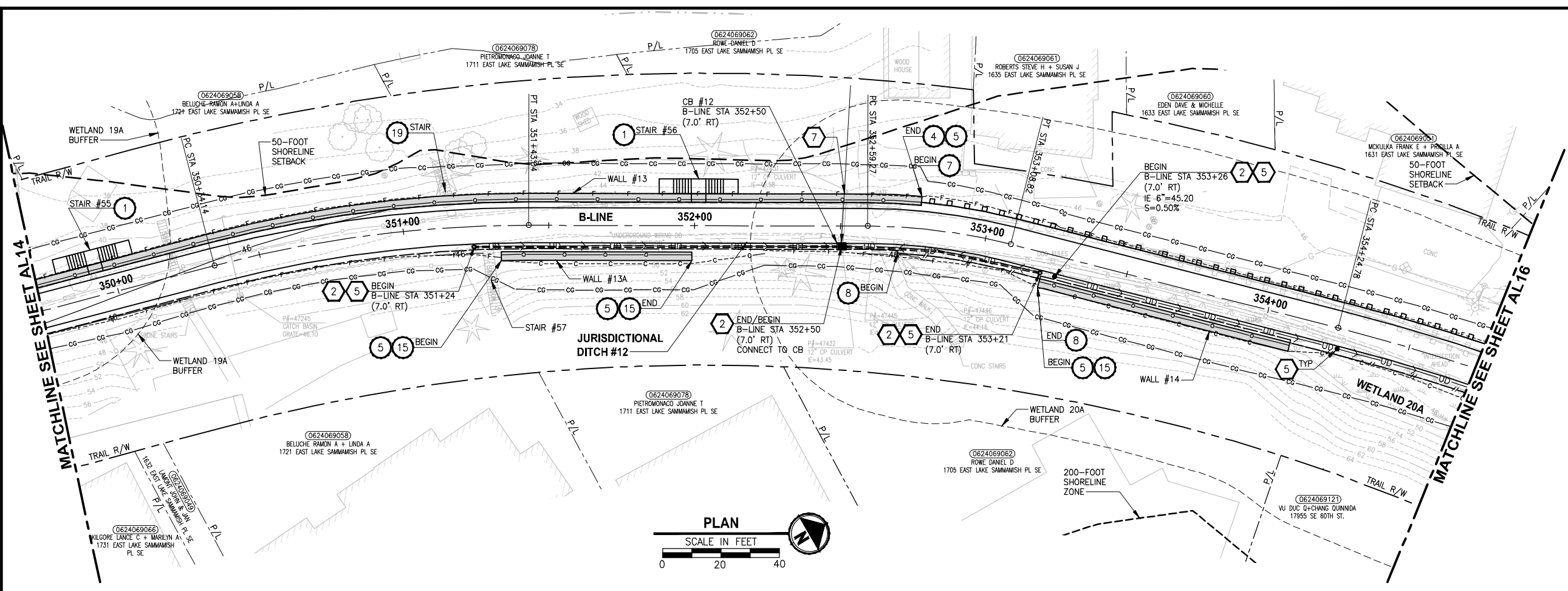
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PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
 67 OF 158
AL14

LAYOUT: AL15
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CITY OF SAMMAMISH APPROVAL

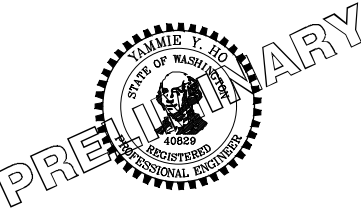
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
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REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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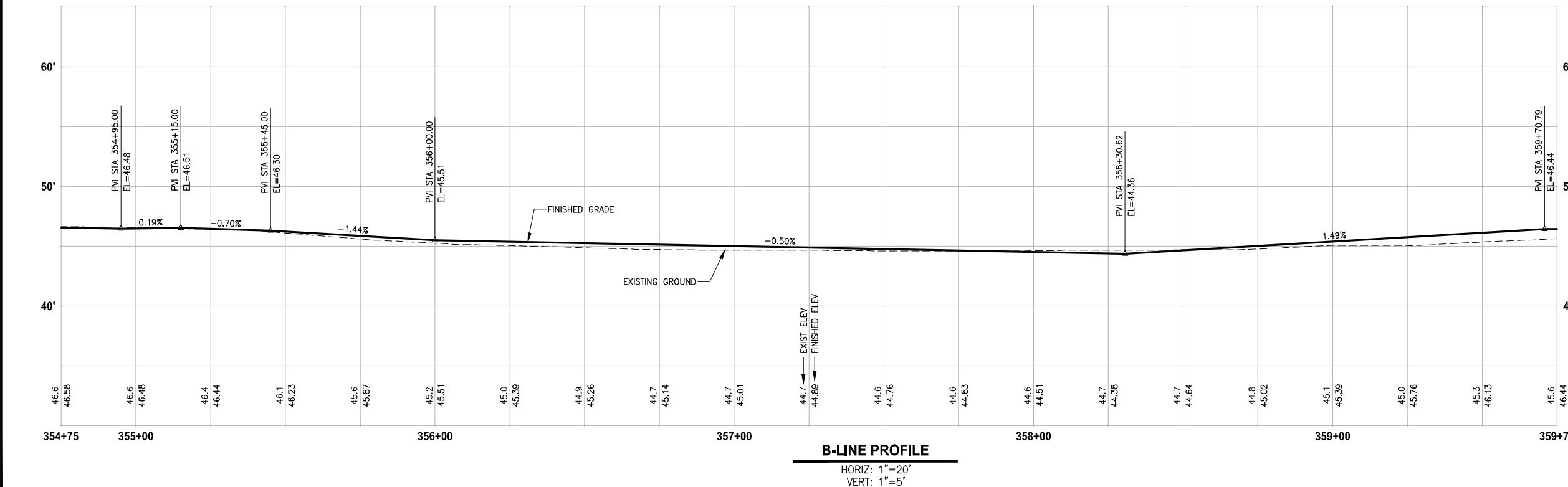
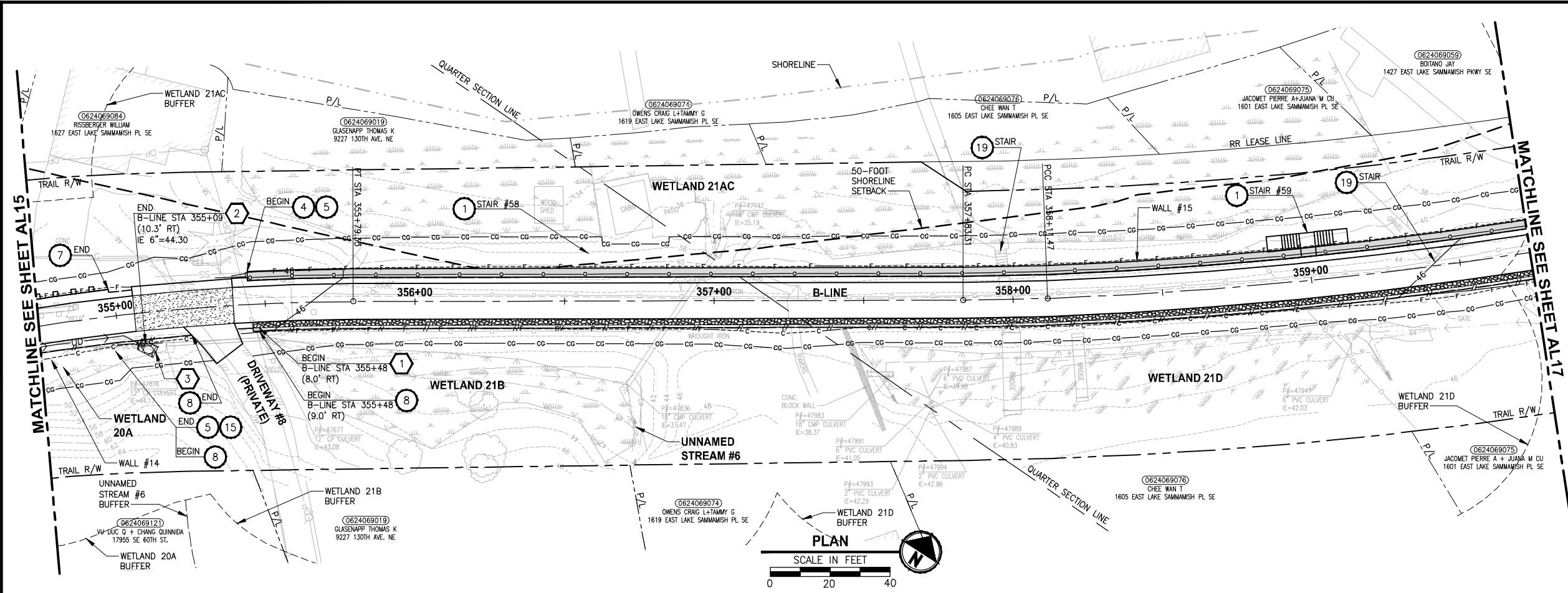
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PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

PLAN AND PROFILE

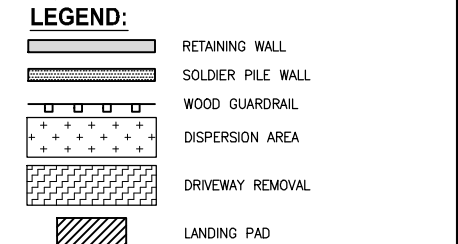
SHEET NO.
 68 OF 158
AL15

LAYOUT: AL16
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CITY OF SAMMAMISH APPROVAL

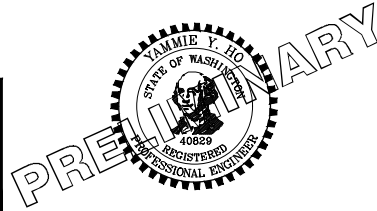
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
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REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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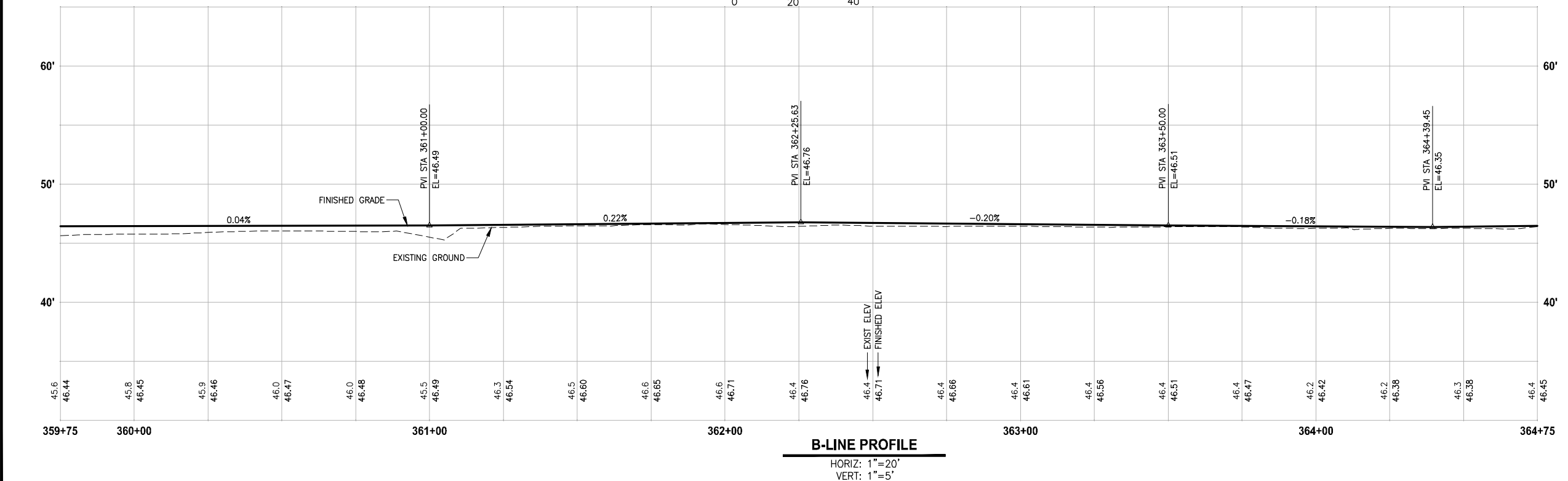
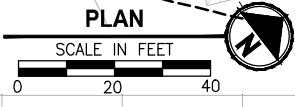
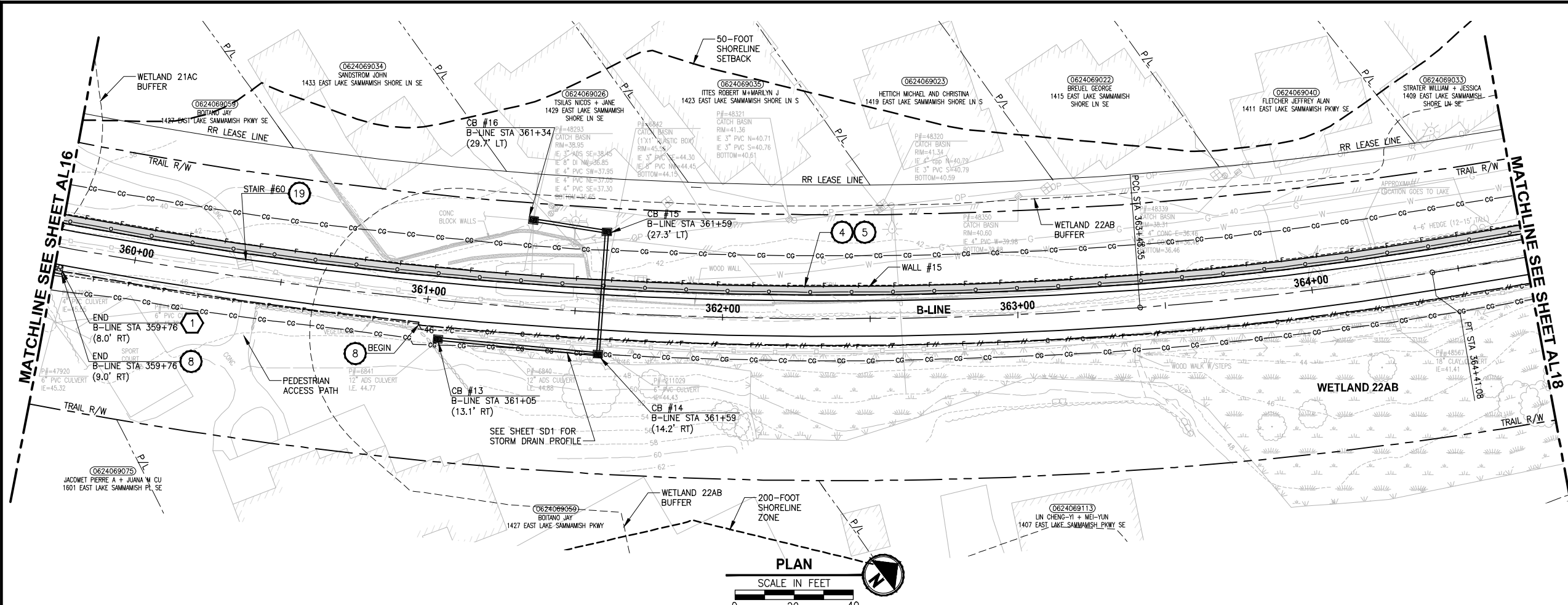
PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
69 OF 158

AL16

LAYOUT: AL17
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 - WOOD GUARDRAIL
 - DISPERSION AREA
 - DRIVEWAY REMOVAL
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CITY OF SAMMAMISH APPROVAL

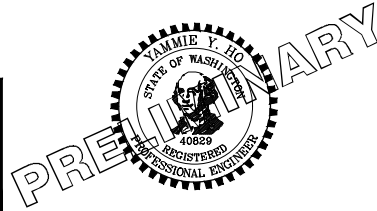
City Engineer _____	Date _____
Community Development _____	Date _____

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REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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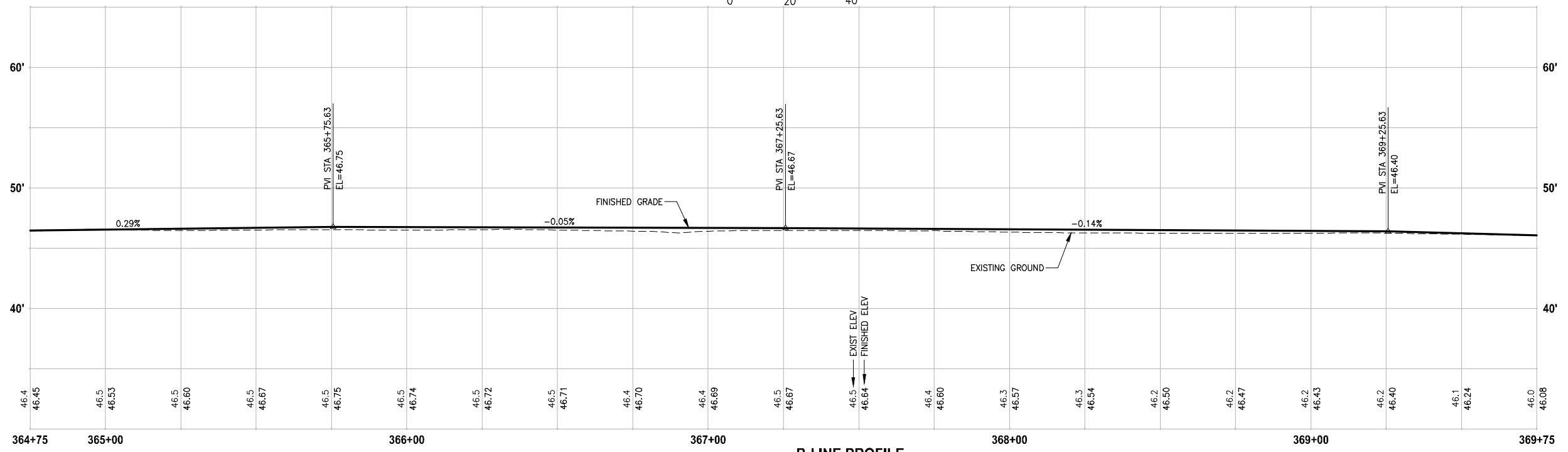
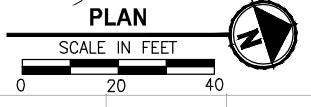
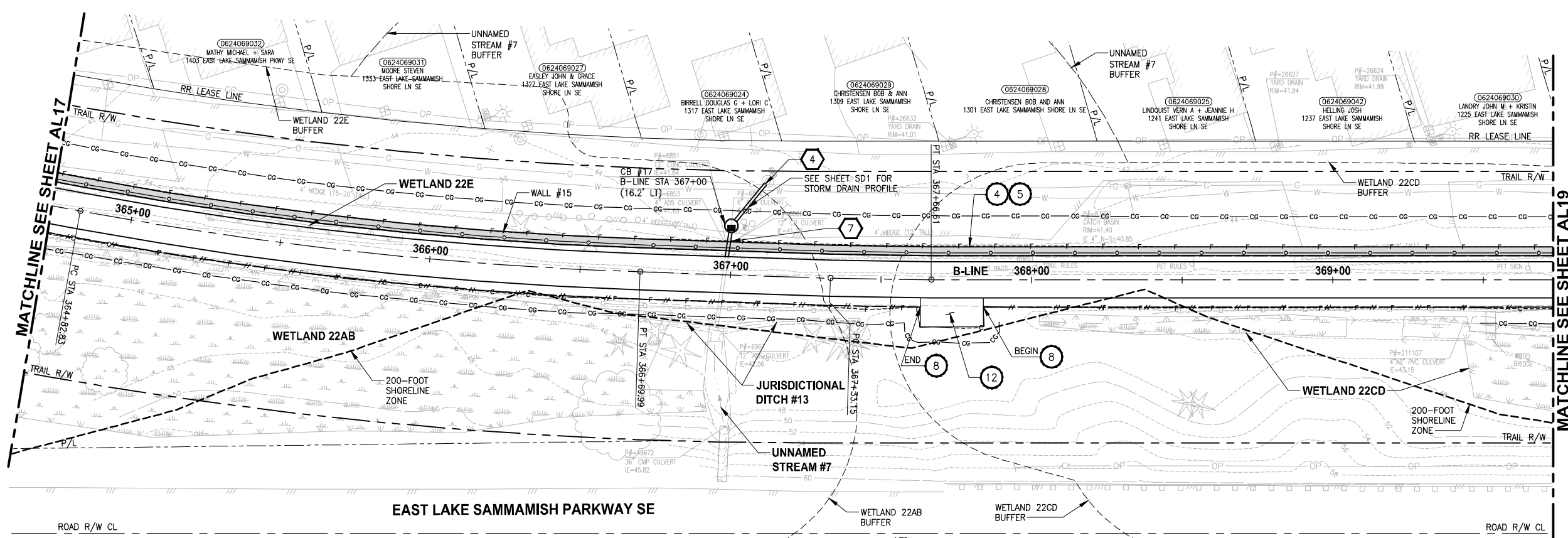
PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
70 OF 158

AL17

LAYOUT: AL18
 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995\Sub\CAD\Phase 19\T03_Civil\DWG\
 PLOTTED BY: pargobut DATE: Friday, July 07, 2017 5:07:07 PM



B-LINE PROFILE

HORIZ: 1"=20'
 VERT: 1"=5'

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LEGEND:

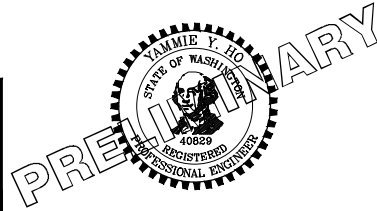
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CITY OF SAMMAMISH APPROVAL	
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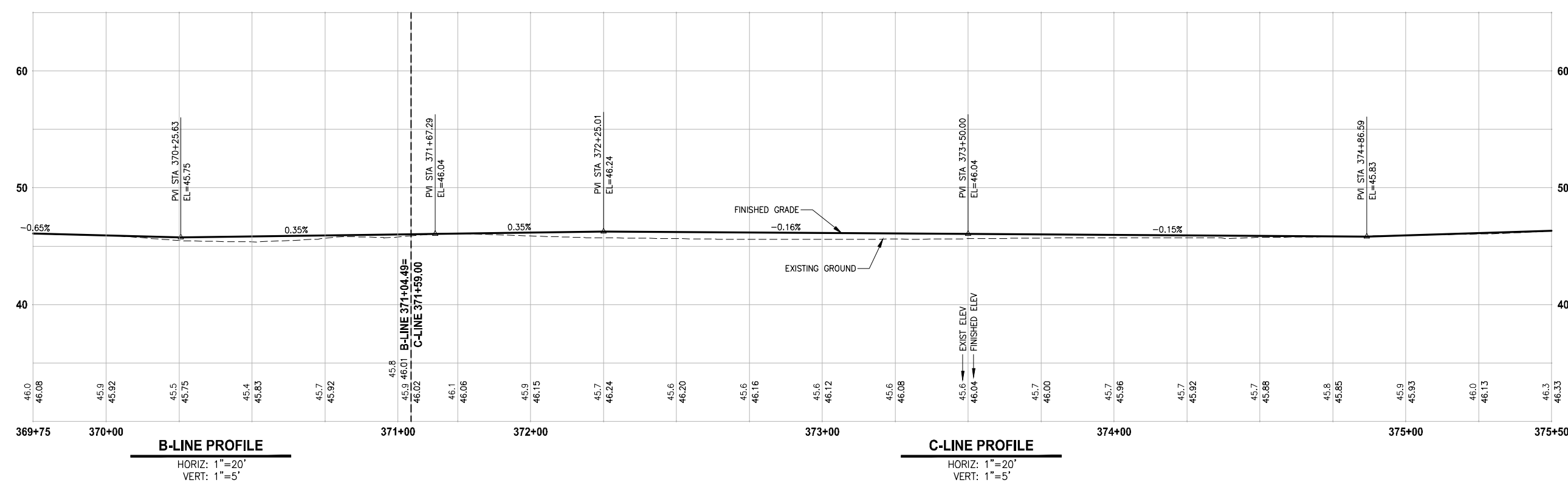
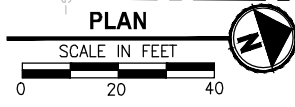
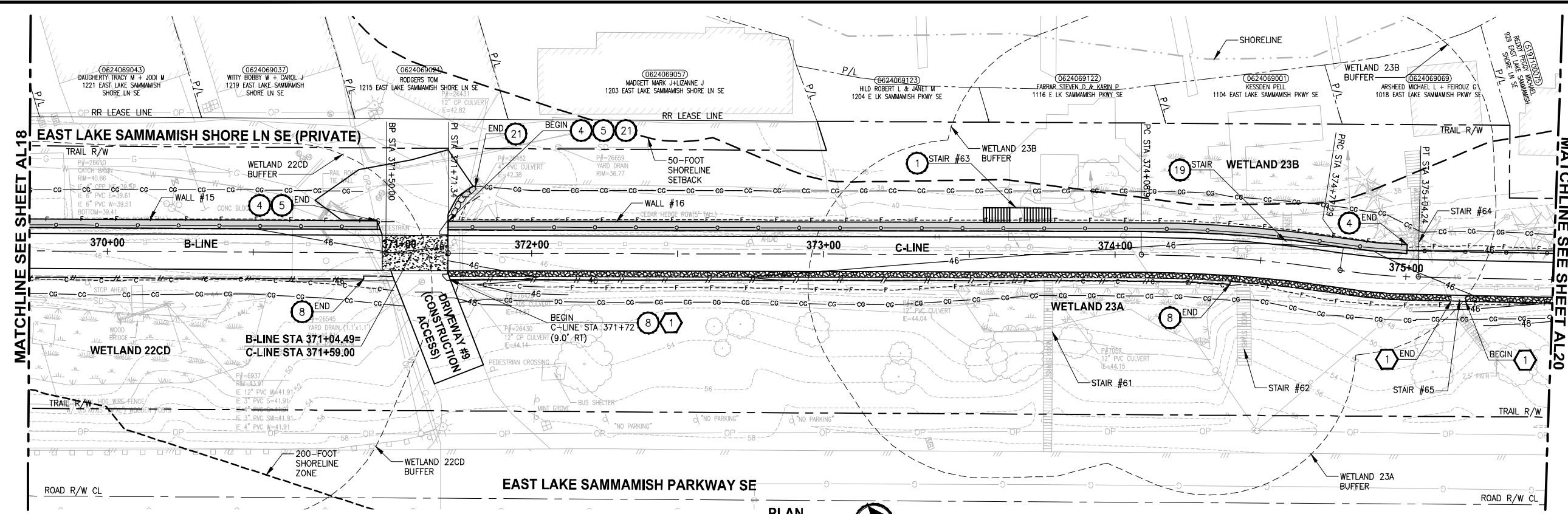
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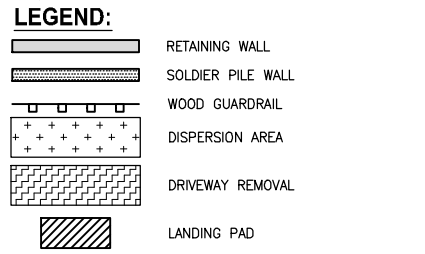
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AL18

LAYOUT: AL19
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 - 4 INSTALL STRUCTURAL EARTH WALL. SEE WALL DETAILS ON SHEET X. SEE WALL PROFILES ON WP SHEETS.
 - 5 INSTALL COATED CHAIN LINK FENCE TYPE 6. FOR GROUND POST INSTALLATION SEE APPENDIX B IN THE SPECIFICATIONS. SEE SHEET X FOR MOUNTING ON TOP OF WALL.
 - 6 NEW DRIVEWAY.
 - 7 INSTALL WOOD GUARDRAIL, SEE DETAILS ON SHEET XX.
 - 8 INSTALL SPLIT RAIL FENCE, SEE DETAILS ON SHEET XX.
 - 9 INSTALL GRAVITY BLOCK WALL. SEE WALL DETAILS ON SHEET XX. SEE WALL PROFILES ON WP SHEETS.
 - 10 DRIVEWAY REMOVAL. SEE MP SHEETS FOR PLANTING PLAN.
 - 11 INSTALL PATTERNED CONCRETE DRIVEWAY. SEE DETAILS ON SHEET XX.
 - 12 INSTALL TYPE 1 REST STOP. SEE DETAILS ON SHEET XX.
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 - 14 INSTALL SOLDIER PILE WALL. SEE S SHEETS.
 - 15 INSTALL GRAVITY BLOCK WALL.
 - 16 INSTALL WING WALL, SEE FP SHEETS.
 - 17 INSTALL EXTRUDED CURB PER WSDOT STD PLAN F-10.42-00.
 - 18 REST STOP PULL-OUT.
 - 19 STAIRS WILL BE ELIMINATED DURING CONSTRUCTION.
 - 20 BRIDGES WILL BE REMOVED TO R/W LINE DURING CONSTRUCTION.
 - 21 INSTALL ROCK WALL.
 - 22 INSTALL METAL HANDRAIL.

- STORMWATER CONSTRUCTION NOTES:**
- 1 INFILTRATION TRENCH, SEE DETAIL 4 ON SHEET DD1.
 - 2 UNDERDRAIN TRENCH, SEE DETAIL 5 ON SHEET DD1.
 - 3 ROCK PAD, SEE DETAIL 2 ON SHEET DD1 AND WP SHEETS.
 - 4 CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
 - 5 INSTALL UNDERDRAIN TRENCH CLEANOUT, SEE DETAIL 6 ON SHEET DD1.
 - 6 INSTALL RECTANGULAR SLIP RESISTANT SOLID METAL COVER PER WSDOT STD DETAIL B-30.20-02.
 - 7 CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1.
 - 8 BASIC DISPERSION, SEE SHEET CS3.
 - 9 QUARRY SPALL OUTFALL PROTECTION. SEE DETAIL 3 ON SHEET DD1.
 - 10 ADJUST CATCH BASIN.



CITY OF SAMMAMISH APPROVAL

City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

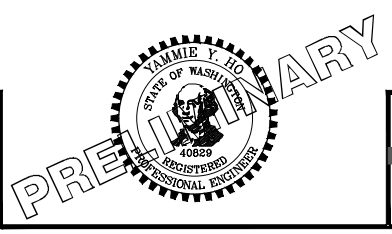
REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

**ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY**

FILE NAME
BL1521075P19T03AL-03

JOB No.
554-1521-075 P19 T03

DATE
JULY 2017



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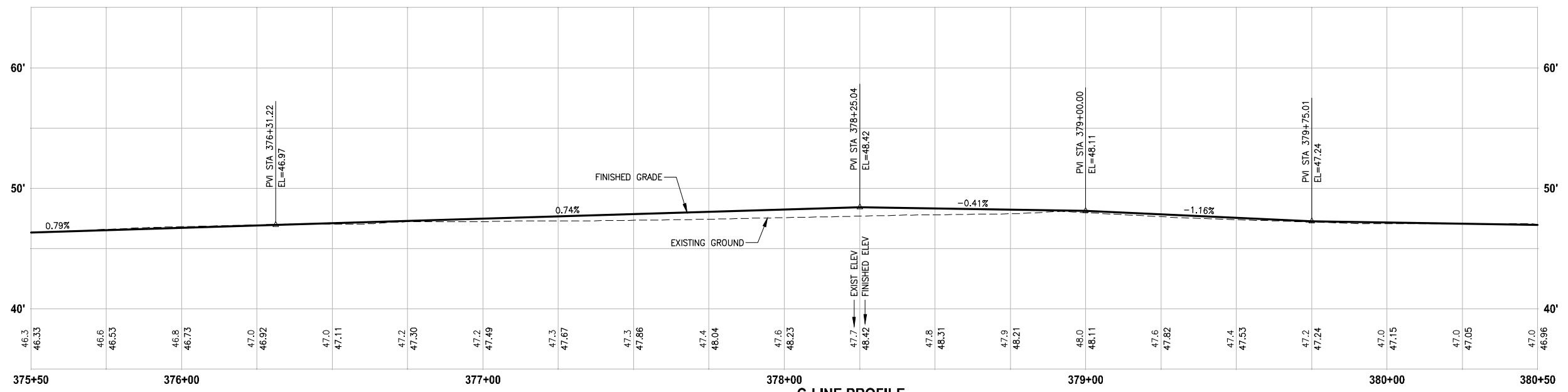
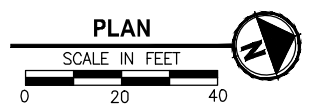
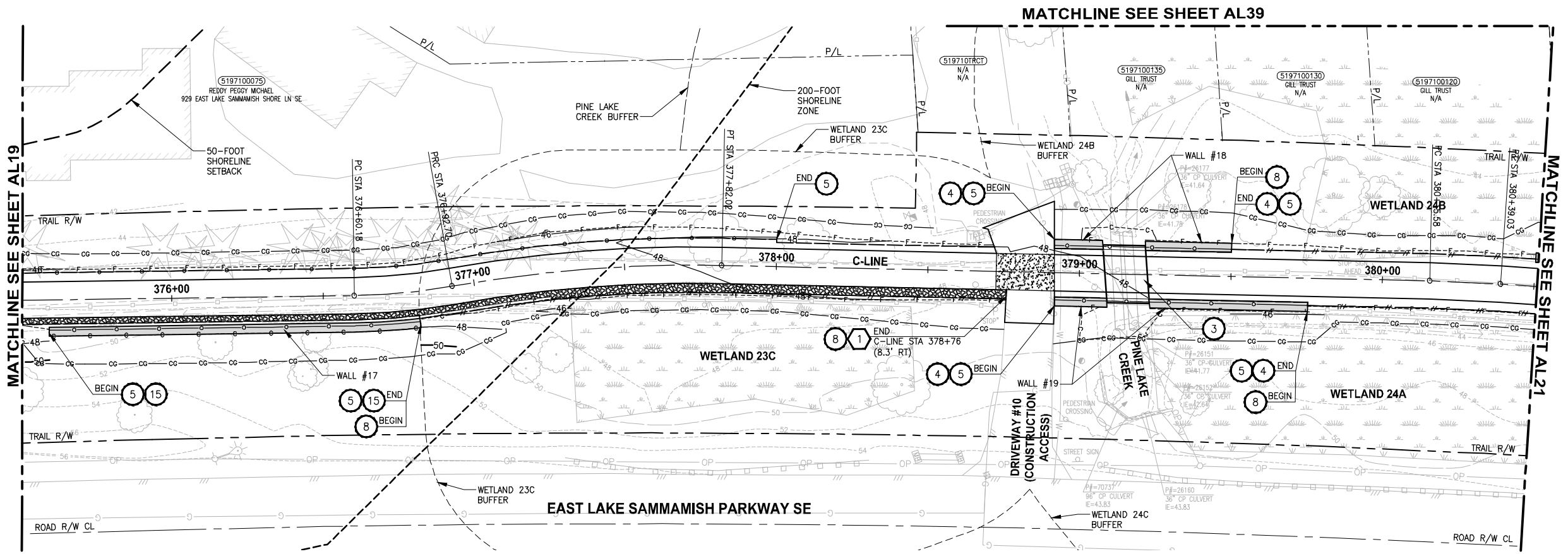
PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
72 OF 158

AL19

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-EL\1995sect\CADD\Phase 19\103_Civil\Draw\ LAYOUT: AL20 PLOTTED BY: purgobut DATE: Monday, July 10, 2017 1:20:48 PM



C-LINE PROFILE
 HORIZ: 1"=20'
 VERT: 1"=5'

- CIVIL CONSTRUCTION NOTES:**
- 1 RESTORE AND INSTALL STAIR. TYPE TO BE DETERMINED.
 - 2 RECONSTRUCT PEDESTRIAN BRIDGE.
 - 3 INSTALL PRECAST REINF CONC SPLIT BOX CULVERT. SEE FP SHEETS FOR DETAILS.
 - 4 INSTALL STRUCTURAL EARTH WALL. SEE WALL DETAILS ON SHEET X. SEE WALL PROFILES ON WP SHEETS.
 - 5 INSTALL COATED CHAIN LINK FENCE TYPE 6. FOR GROUND POST INSTALLATION SEE APPENDIX B IN THE SPECIFICATIONS. SEE SHEET X FOR MOUNTING ON TOP OF WALL.
 - 6 NEW DRIVEWAY.
 - 7 INSTALL WOOD GUARDRAIL. SEE DETAILS ON SHEET XX.
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 - 17 INSTALL EXTRUDED CURB PER WSDOT STD PLAN F-10.42-00.
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 - 3 ROCK PAD, SEE DETAIL 2 ON SHEET DD1 AND WP SHEETS.
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 - 8 BASIC DISPERSION, SEE SHEET CS3.
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 - 10 ADJUST CATCH BASIN.

- LEGEND:**
- RETAINING WALL
 - SOLDIER PILE WALL
 - WOOD GUARDRAIL
 - DISPERSION AREA
 - DRIVEWAY REMOVAL
 - LANDING PAD

CITY OF SAMMAMISH APPROVAL

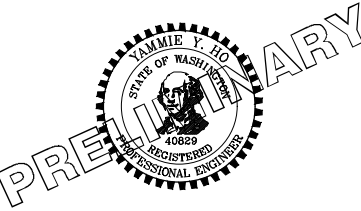
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
 NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

**ONE INCH AT FULL SCALE.
 IF NOT, SCALE ACCORDINGLY.**

FILE NAME: BL1521075P19T03AL-03
 JOB No. 554-1521-075 P19 T03
 DATE: JULY 2017



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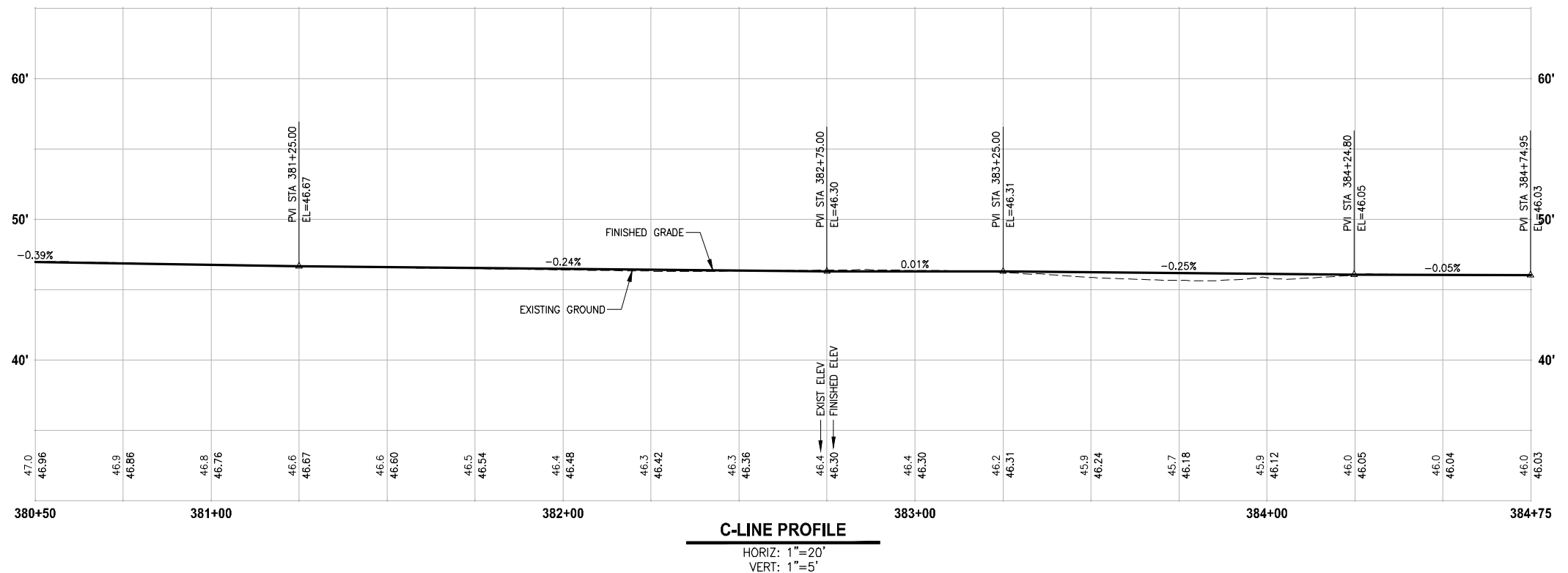
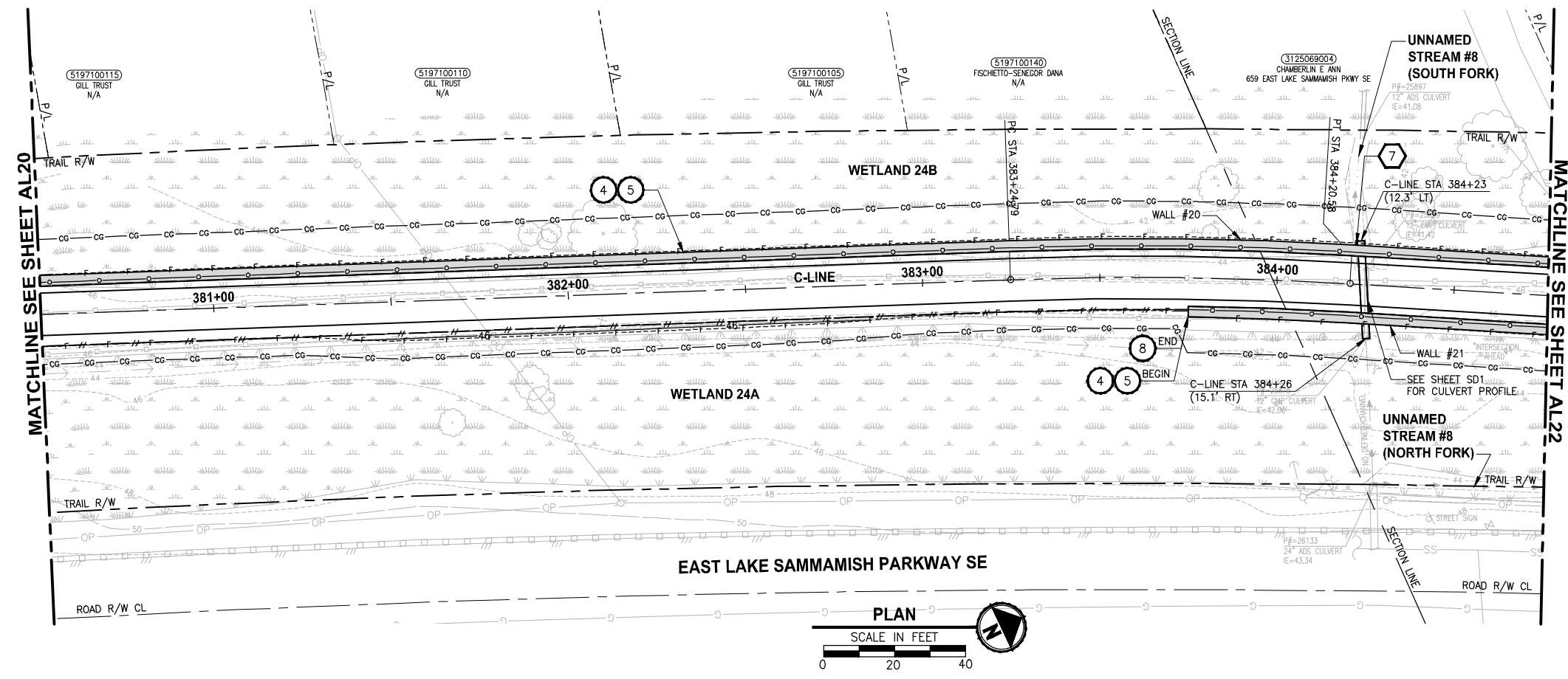
PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
 73 OF 158

AL20

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995\Drawings\19\T03_Civil\DWG\ PLOTTED BY: purguban DATE: Friday, July 07, 2017 5:09:25 PM LAYOUT: AL21



- CIVIL CONSTRUCTION NOTES:**
- RESTORE AND INSTALL STAIR. TYPE TO BE DETERMINED.
 - RECONSTRUCT PEDESTRIAN BRIDGE.
 - INSTALL PRECAST REINF CONC SPLIT BOX CULVERT. SEE FP SHEETS FOR DETAILS.
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 - INSTALL WING WALL. SEE FP SHEETS.
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 - REST STOP PULL-OUT.
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 - BRIDGES WILL BE REMOVED TO R/W LINE DURING CONSTRUCTION.
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- STORMWATER CONSTRUCTION NOTES:**
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 - QUARRY SPALL OUTFALL PROTECTION. SEE DETAIL 3 ON SHEET DD1.
 - ADJUST CATCH BASIN.

LEGEND:

- RETAINING WALL
- SOLDIER PILE WALL
- WOOD GUARDRAIL
- DISPERSION AREA
- DRIVEWAY REMOVAL
- LANDING PAD

CITY OF SAMMAMISH APPROVAL

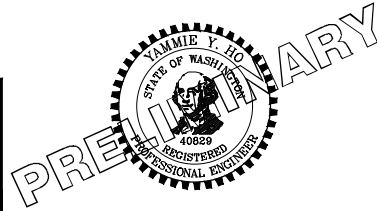
City Engineer	Date
Community Development	Date

REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P19T03AL-03
JOB No.: 554-1521-075 P19 T03
DATE: JULY 2017



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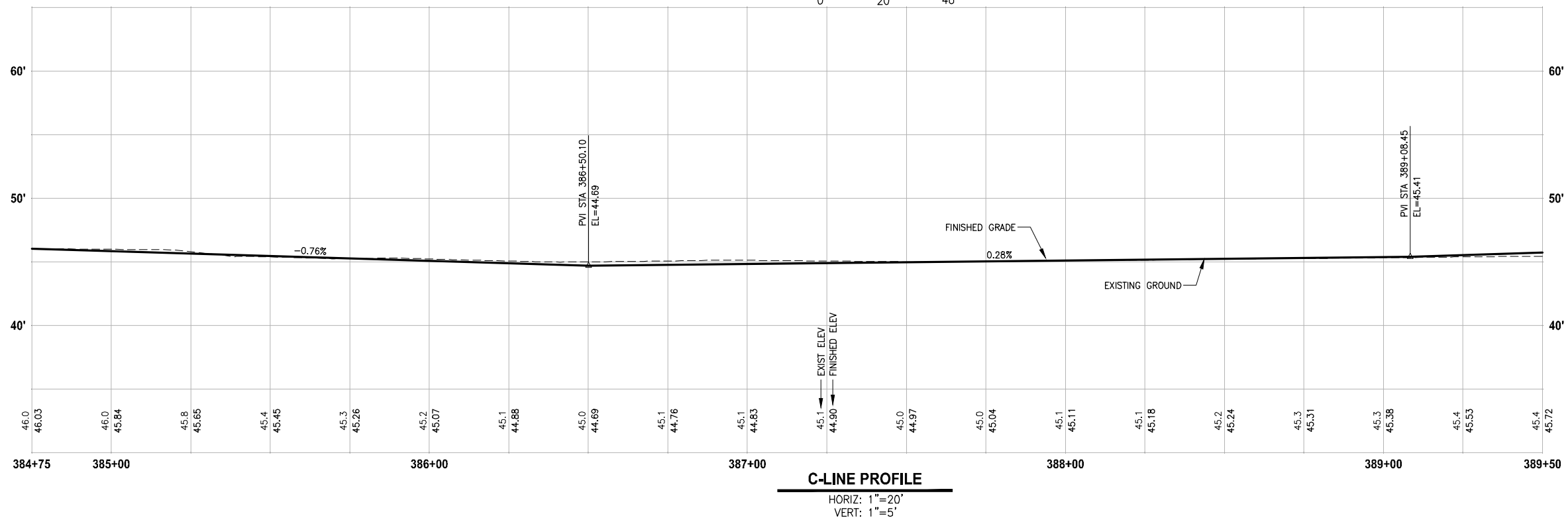
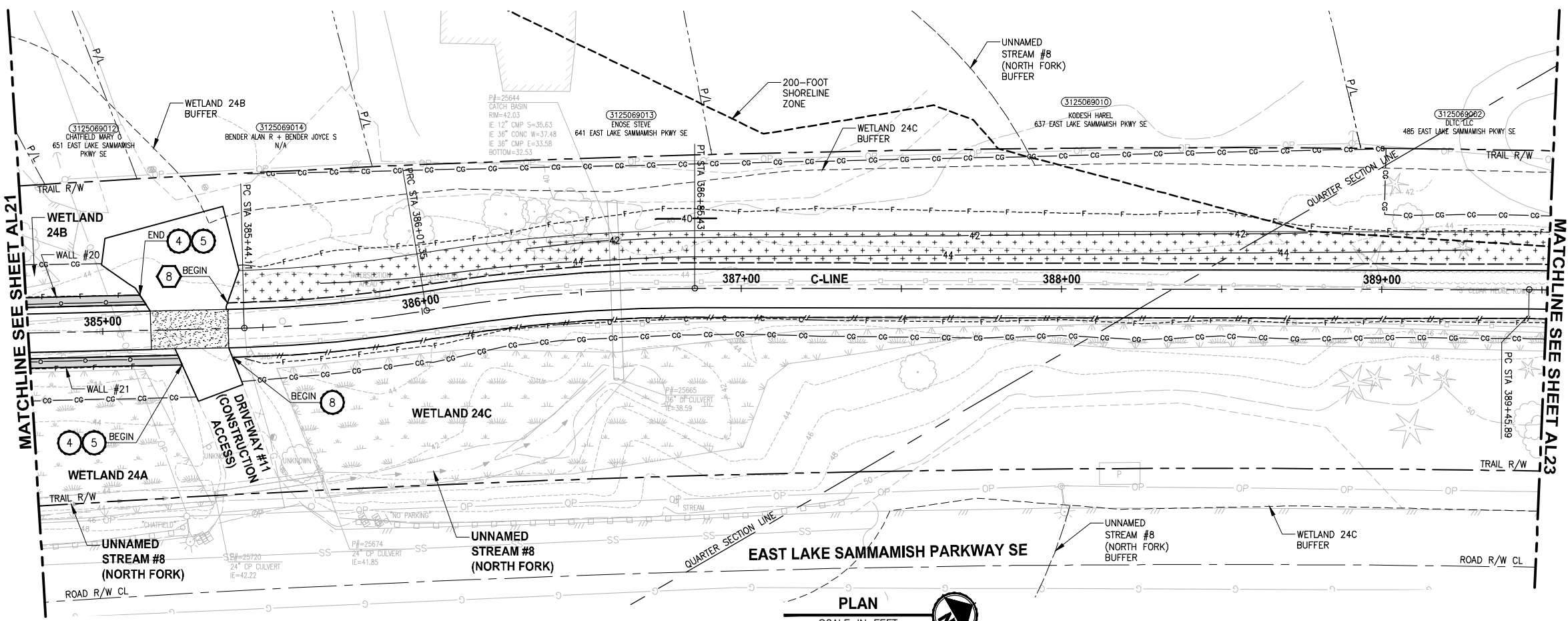
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO. 74 OF 158
AL21

LAYOUT: AL22
 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995sec\CaAD\Phase 19\T03_Civil\Draw\ PLOTTED BY: purgaban DATE: Friday, July 07, 2017 5:09:44 PM



- CIVIL CONSTRUCTION NOTES:**
- 1 RESTORE AND INSTALL STAIR. TYPE TO BE DETERMINED.
 - 2 RECONSTRUCT PEDESTRIAN BRIDGE.
 - 3 INSTALL PRECAST REINF CONC SPLIT BOX CULVERT. SEE FP STRUCTS FOR DETAILS.
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- LEGEND:**
- RETAINING WALL
 - SOLDIER PILE WALL
 - WOOD GUARDRAIL
 - DISPERSION AREA
 - DRIVEWAY REMOVAL
 - LANDING PAD

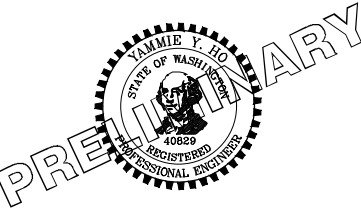
CITY OF SAMMAMISH APPROVAL

City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P19T03AL-03
 JOB No.: 554-1521-075 P19 T03
 DATE: JULY 2017

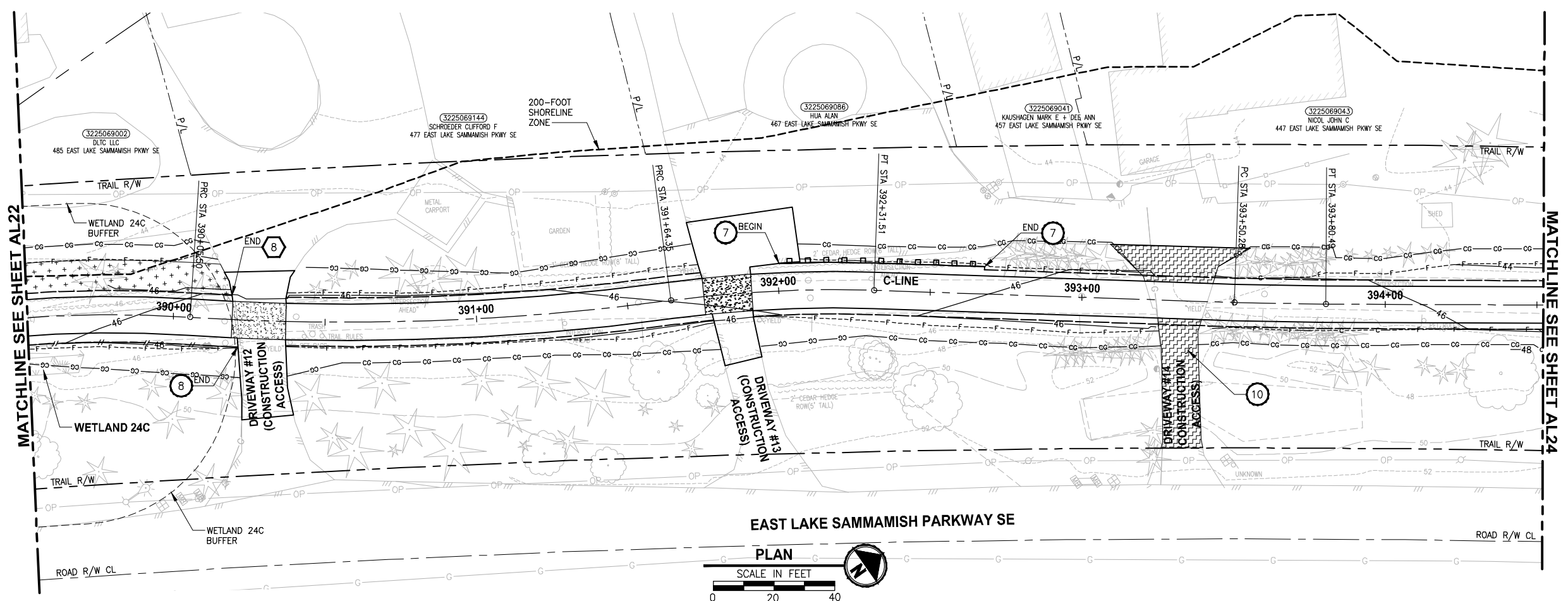


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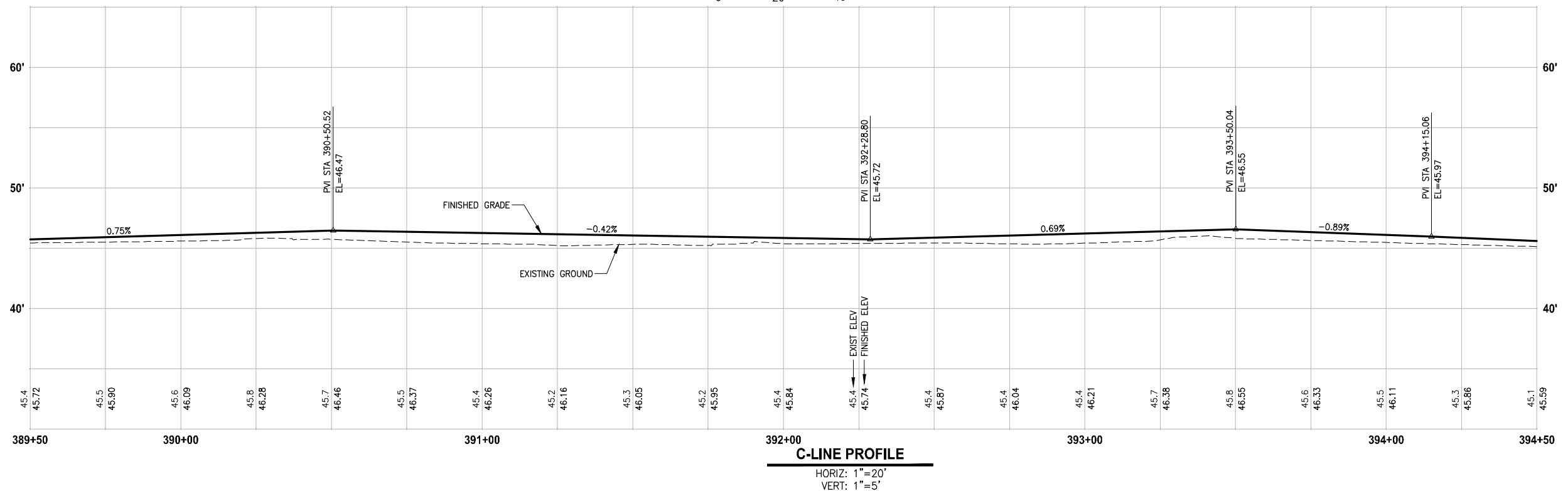
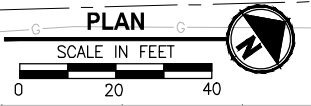
PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

PLAN AND PROFILE
 SHEET NO.
 75 OF 158
AL22

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995sec\CaAD\Phase 19\T03_Civil\Draw\ PLOTTED BY: purgabut DATE: Friday, July 07, 2017 5:10:05 PM LAYOUT: AL23



EAST LAKE SAMMAMISH PARKWAY SE



C-LINE PROFILE

HORIZ: 1"=20'
VERT: 1"=5'

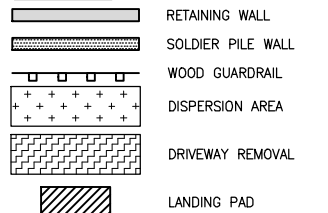
CIVIL CONSTRUCTION NOTES:

- 1 RESTORE AND INSTALL STAIR. TYPE TO BE DETERMINED.
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STORMWATER CONSTRUCTION NOTES:

- 1 INFILTRATION TRENCH, SEE DETAIL 4 ON SHEET DD1.
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- 8 BASIC DISPERSION, SEE SHEET CS3.
- 9 QUARRY SPALL OUTFALL PROTECTION. SEE DETAIL 3 ON SHEET DD1.
- 10 ADJUST CATCH BASIN.

LEGEND:



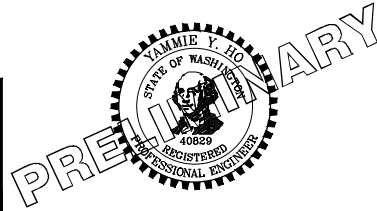
CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

**ONE INCH AT FULL SCALE.
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FILE NAME: BL1521075P19T03AL-03
JOB No.: 554-1521-075 P19 T03
DATE: JULY 2017



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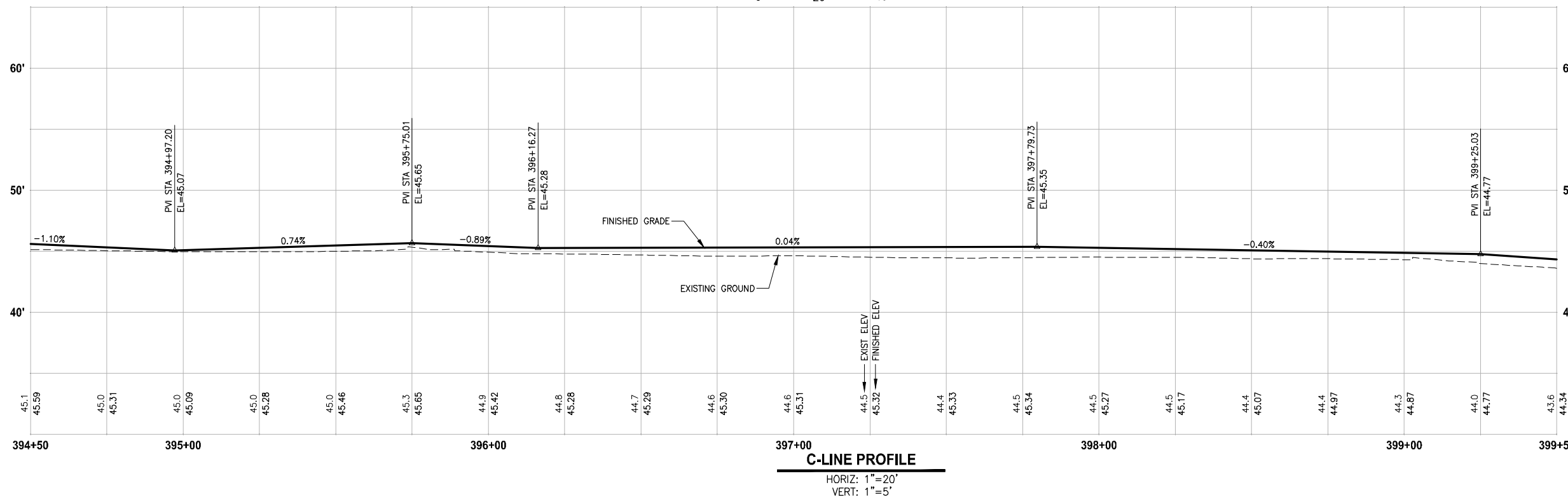
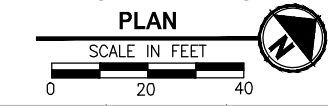
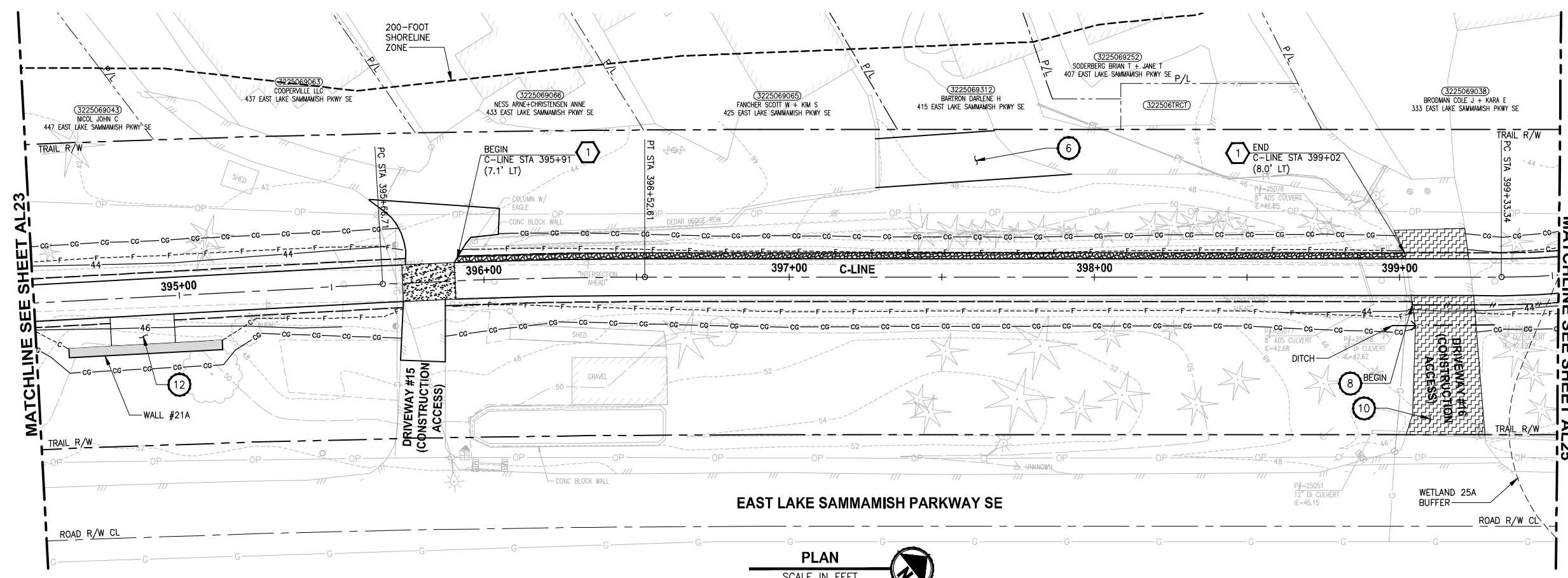
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P 206.394.3700
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PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
76 OF 158
AL23

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995sec\CA00\Phase 19\T03_Civil\Draw\ PLOTTED BY: purgaban DATE: Monday, July 10, 2017 2:28:37 PM LAYOUT: AL24



- CIVIL CONSTRUCTION NOTES:**
- RESTORE AND INSTALL STAIR. TYPE TO BE DETERMINED.
 - RECONSTRUCT PEDESTRIAN BRIDGE.
 - INSTALL PRECAST REINF CONC SPLIT BOX CULVERT. SEE FP SHEETS FOR DETAILS.
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 - CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
 - INSTALL UNDERDRAIN TRENCH CLEANOUT, SEE DETAIL 6 ON SHEET DD1.
 - INSTALL RECTANGULAR SLIP RESISTANT SOLID METAL COVER PER WSDOT STD DETAIL B-30.20-02.
 - CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1.
 - BASIC DISPERSION, SEE SHEET CS3.
 - QUARRY SPALL OUTFALL PROTECTION. SEE DETAIL 3 ON SHEET DD1.
 - ADJUST CATCH BASIN.

- LEGEND:**
- RETAINING WALL
 - SOLDIER PILE WALL
 - WOOD GUARDRAIL
 - DISPERSION AREA
 - DRIVEWAY REMOVAL
 - LANDING PAD

CITY OF SAMMAMISH APPROVAL

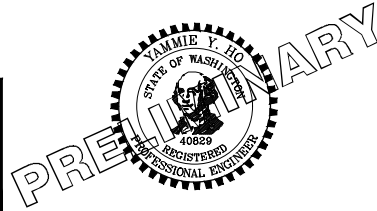
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P19T03AL-03
JOB No: 554-1521-075 P19 T03
DATE: JULY 2017



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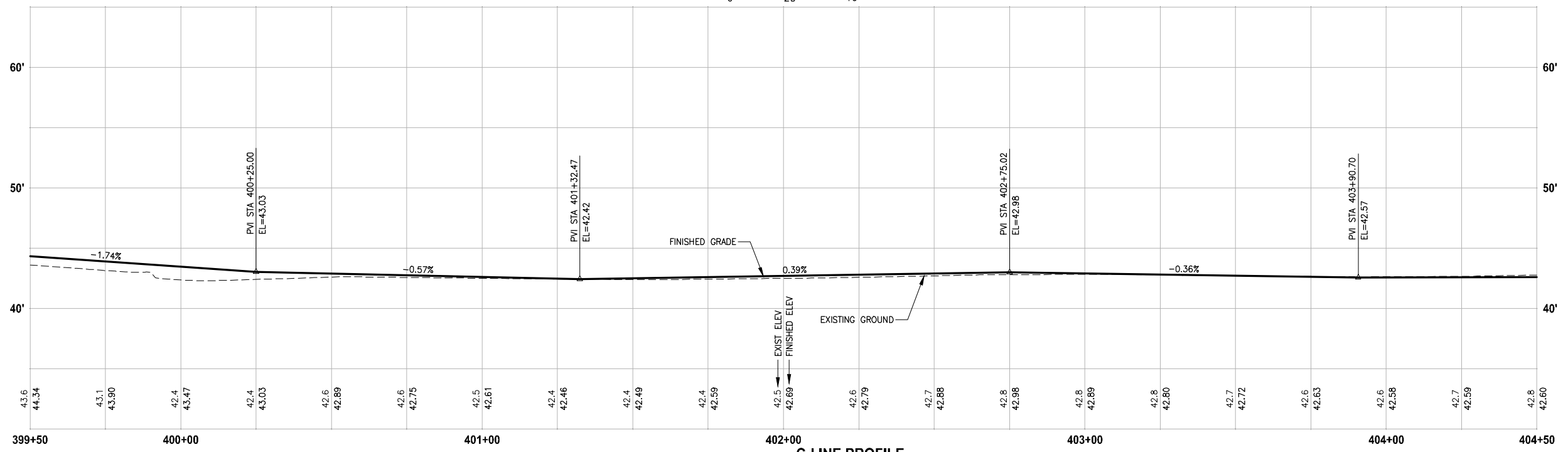
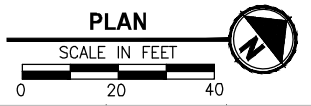
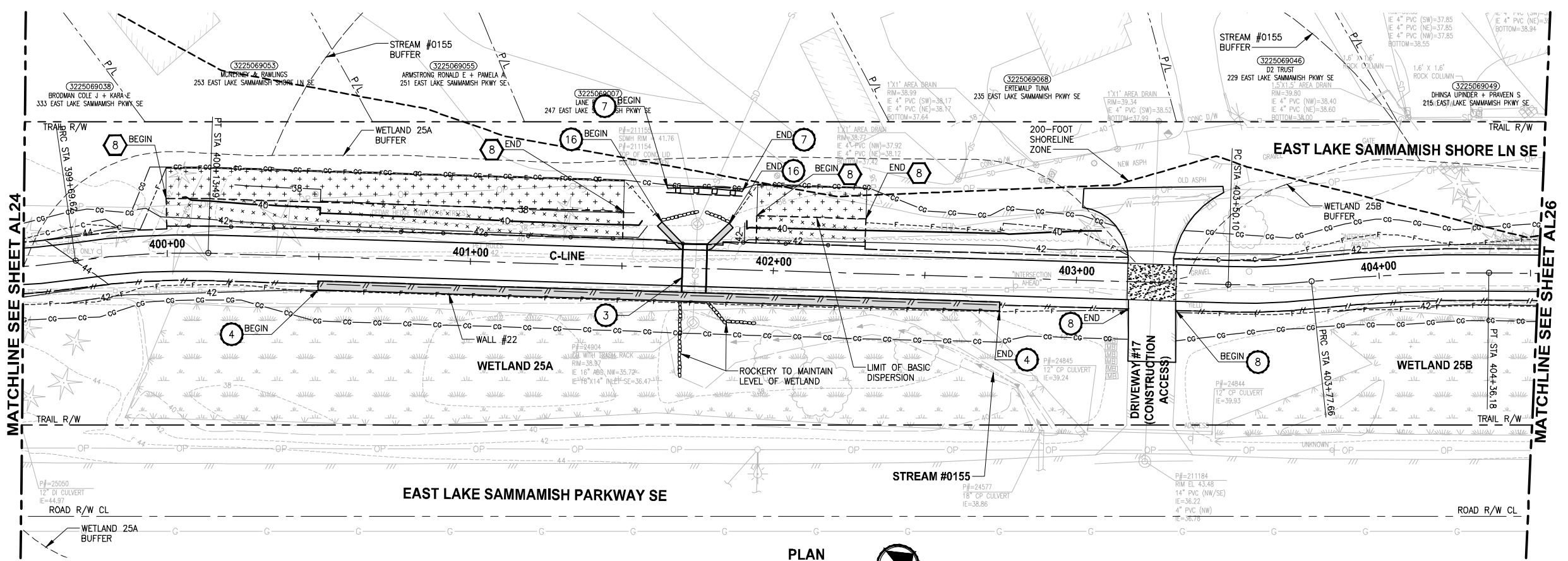
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

PLAN AND PROFILE

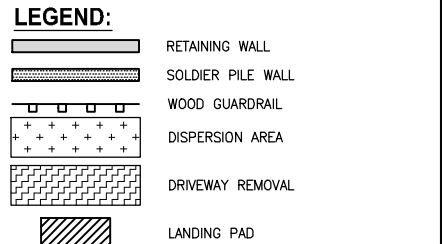
SHEET NO.
77 OF 158
AL24

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- CIVIL CONSTRUCTION NOTES:**
- RESTORE AND INSTALL STAIR. TYPE TO BE DETERMINED.
 - RECONSTRUCT PEDESTRIAN BRIDGE.
 - INSTALL PRECAST REINF CONC SPLIT BOX CULVERT. SEE FP SHEETS FOR DETAILS.
 - INSTALL STRUCTURAL EARTH WALL. SEE WALL DETAILS ON SHEET X. SEE WALL PROFILES ON WP SHEETS.
 - INSTALL COATED CHAIN LINK FENCE TYPE 6. FOR GROUND POST INSTALLATION SEE APPENDIX B IN THE SPECIFICATIONS. SEE SHEET X FOR MOUNTING ON TOP OF WALL.
 - NEW DRIVEWAY.
 - INSTALL WOOD GUARDRAIL, SEE DETAILS ON SHEET XX.
 - INSTALL SPLIT RAIL FENCE, SEE DETAILS ON SHEET XX.
 - INSTALL GRAVITY BLOCK WALL. SEE WALL DETAILS ON SHEET XX. SEE WALL PROFILES ON WP SHEETS.
 - DRIVEWAY REMOVAL. SEE MP SHEETS FOR PLANTING PLAN.
 - INSTALL PATTERNED CONCRETE DRIVEWAY. SEE DETAILS ON SHEET XX.
 - INSTALL TYPE 1 REST STOP. SEE DETAILS ON SHEET XX.
 - INSTALL TYPE 2 REST STOP. SEE DETAILS ON SHEET XX.
 - INSTALL SOLDIER PILE WALL. SEE S SHEETS.
 - INSTALL GRAVITY BLOCK WALL.
 - INSTALL WING WALL, SEE FP SHEETS.
 - INSTALL EXTRUDED CURB PER WSDOT STD PLAN F-10.42-00.
 - REST STOP PULL-OUT.
 - STAIRS WILL BE ELIMINATED DURING CONSTRUCTION.
 - BRIDGES WILL BE REMOVED TO R/W LINE DURING CONSTRUCTION.
 - INSTALL ROCK WALL.
 - INSTALL METAL HANDRAIL.

- STORMWATER CONSTRUCTION NOTES:**
- INFILTRATION TRENCH, SEE DETAIL 4 ON SHEET DD1.
 - UNDERDRAIN TRENCH, SEE DETAIL 5 ON SHEET DD1.
 - ROCK PAD, SEE DETAIL 2 ON SHEET DD1 AND WP SHEETS.
 - CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
 - INSTALL UNDERDRAIN TRENCH CLEANOUT, SEE DETAIL 6 ON SHEET DD1.
 - INSTALL RECTANGULAR SLIP RESISTANT SOLID METAL COVER PER WSDOT STD DETAIL B-30.20-02.
 - CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1.
 - BASIC DISPERSION, SEE SHEET CS3.
 - QUARRY SPALL OUTFALL PROTECTION. SEE DETAIL 3 ON SHEET DD1.
 - ADJUST CATCH BASIN.



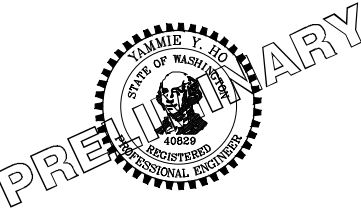
CITY OF SAMMAMISH APPROVAL

City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P19T03AL-03
 JOB No: 554-1521-075 P19 T03
 DATE: JULY 2017



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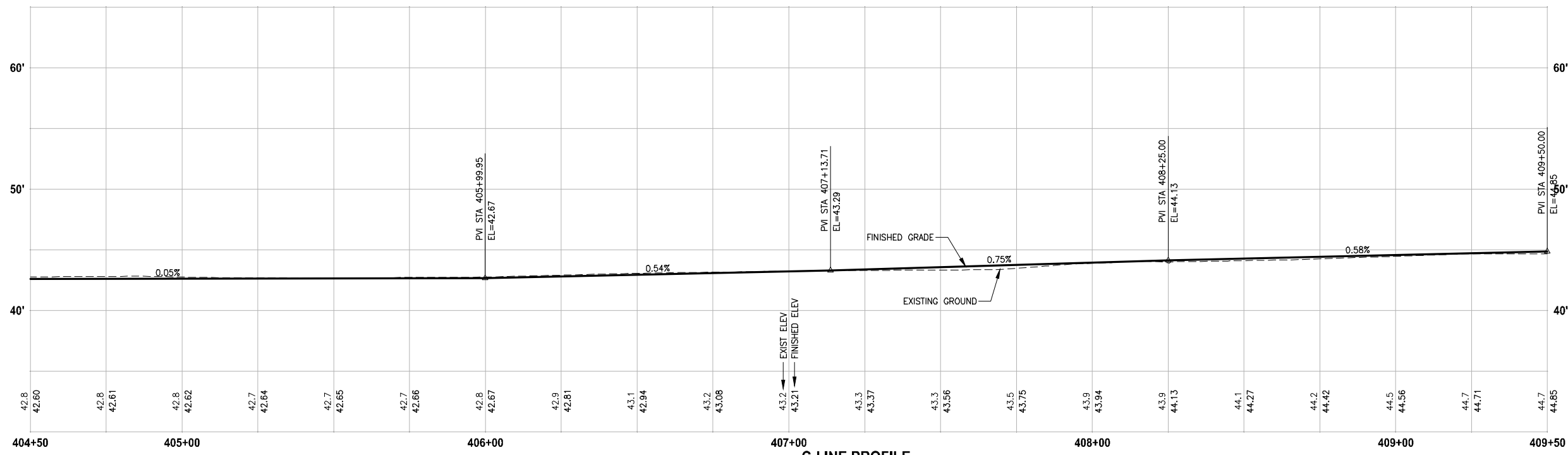
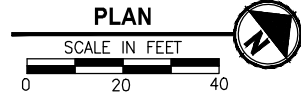
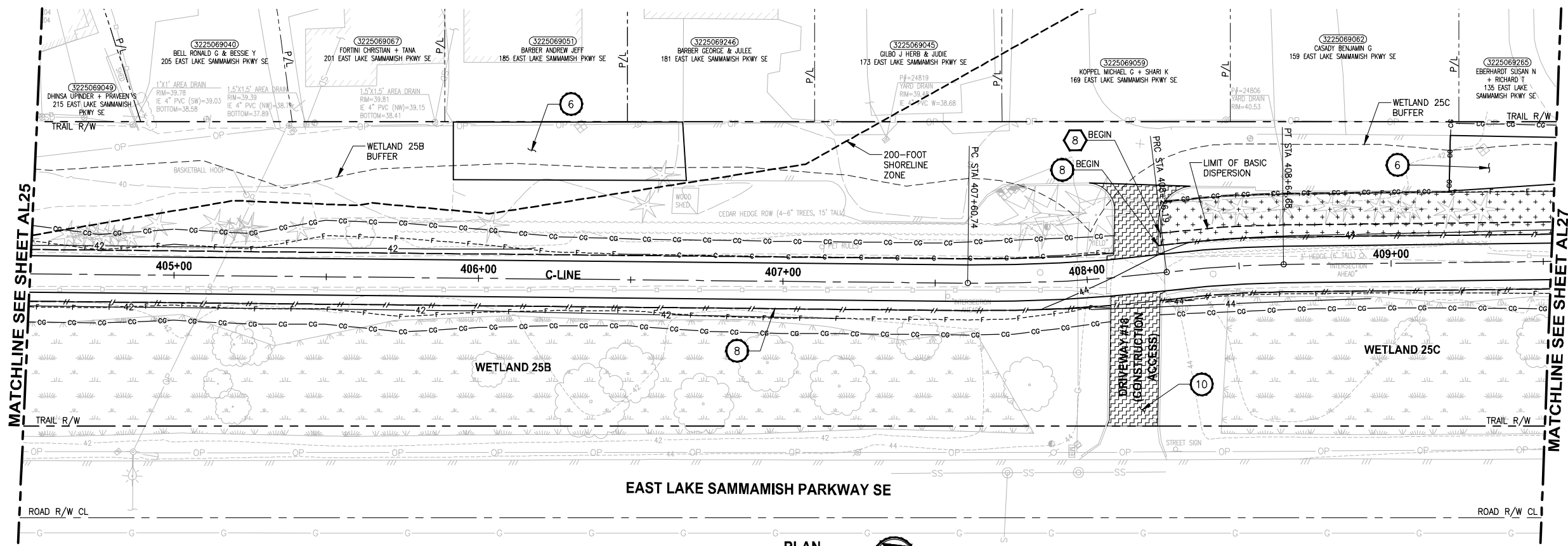
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206 394 3700
WWW.PARAMETRIX.COM

PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
78 OF 158
AL25

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995sec\CA00\Phase 19\T03_Civil\Draw\ PLOTTED BY: purgabut DATE: Friday, July 07, 2017 5:11:05 PM LAYOUT: AL26



C-LINE PROFILE
 HORIZ: 1"=20'
 VERT: 1"=5'

- CIVIL CONSTRUCTION NOTES:**
- 1 RESTORE AND INSTALL STAIR. TYPE TO BE DETERMINED.
 - 2 RECONSTRUCT PEDESTRIAN BRIDGE.
 - 3 INSTALL PRECAST REINF CONC SPLIT BOX CULVERT. SEE FP SHEETS FOR DETAILS.
 - 4 INSTALL STRUCTURAL EARTH WALL. SEE WALL DETAILS ON SHEET X. SEE WALL PROFILES ON WP SHEETS.
 - 5 INSTALL COATED CHAIN LINK FENCE TYPE 6. FOR GROUND POST INSTALLATION SEE APPENDIX B IN THE SPECIFICATIONS. SEE SHEET X FOR MOUNTING ON TOP OF WALL.
 - 6 NEW DRIVEWAY.
 - 7 INSTALL WOOD GUARDRAIL, SEE DETAILS ON SHEET XX.
 - 8 INSTALL SPLIT RAIL FENCE, SEE DETAILS ON SHEET XX.
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 - 12 INSTALL TYPE 1 REST STOP. SEE DETAILS ON SHEET XX.
 - 13 INSTALL TYPE 2 REST STOP. SEE DETAILS ON SHEET XX.
 - 14 INSTALL SOLDIER PILE WALL. SEE S SHEETS.
 - 15 INSTALL GRAVITY BLOCK WALL.
 - 16 INSTALL WING WALL, SEE FP SHEETS.
 - 17 INSTALL EXTRUDED CURB PER WSDOT STD PLAN F-10.42-00.
 - 18 REST STOP PULL-OUT.
 - 19 STAIRS WILL BE ELIMINATED DURING CONSTRUCTION.
 - 20 BRIDGES WILL BE REMOVED TO R/W LINE DURING CONSTRUCTION.
 - 21 INSTALL ROCK WALL.
 - 22 INSTALL METAL HANDRAIL.

- STORMWATER CONSTRUCTION NOTES:**
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 - 3 ROCK PAD, SEE DETAIL 2 ON SHEET DD1 AND WP SHEETS.
 - 4 CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
 - 5 INSTALL UNDERDRAIN TRENCH CLEANOUT, SEE DETAIL 6 ON SHEET DD1.
 - 6 INSTALL RECTANGULAR SLIP RESISTANT SOLID METAL COVER PER WSDOT STD DETAIL B-30.20-02.
 - 7 CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1.
 - 8 BASIC DISPERSION, SEE SHEET CS3.
 - 9 QUARRY SPALL OUTFALL PROTECTION. SEE DETAIL 3 ON SHEET DD1.
 - 10 ADJUST CATCH BASIN.

- LEGEND:**
- RETAINING WALL
 - SOLDIER PILE WALL
 - WOOD GUARDRAIL
 - DISPERSION AREA
 - DRIVEWAY REMOVAL
 - LANDING PAD

CITY OF SAMMAMISH APPROVAL

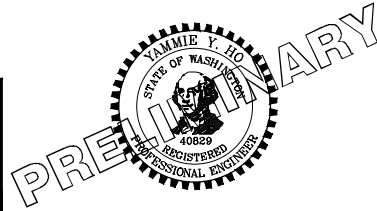
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
 NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P19T03AL-03
 JOB No.: 554-1521-075 P19 T03
 DATE: JULY 2017



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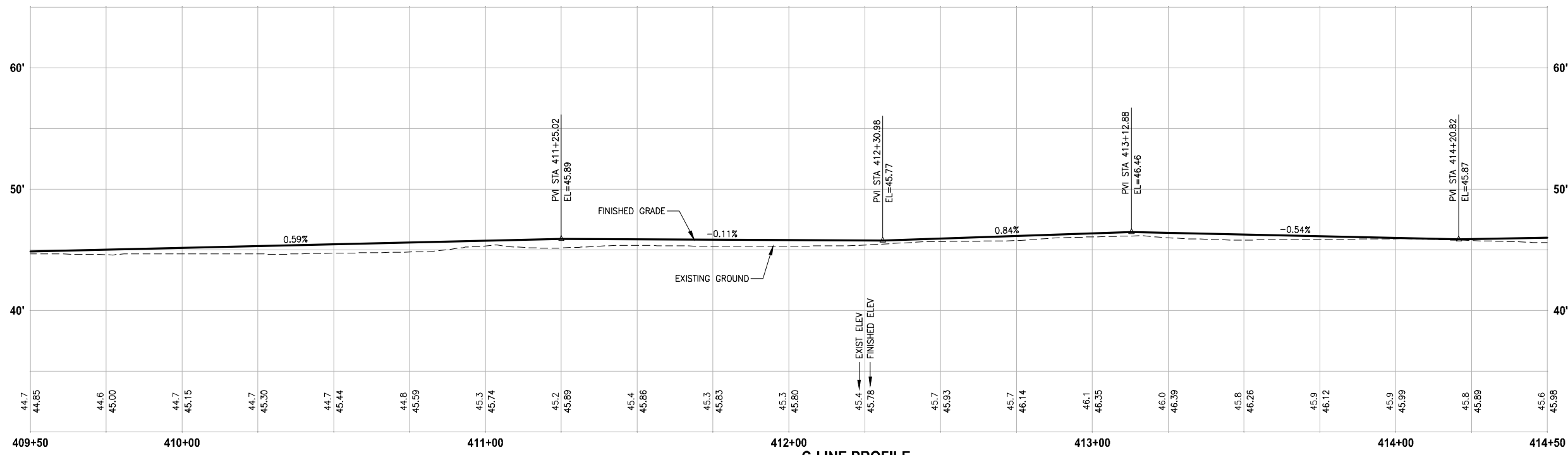
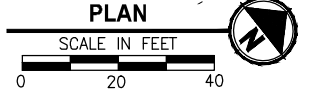
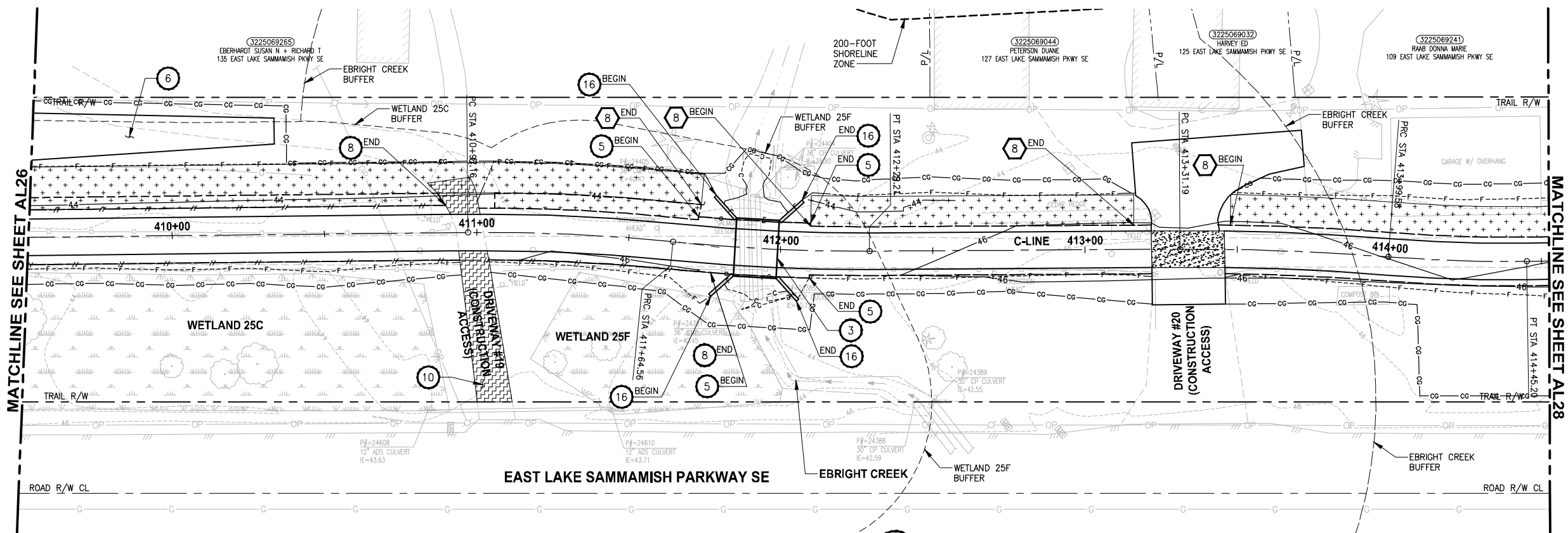
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
 P 206.394.3700
 WWW.PARAMETRIX.COM

PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
 79 OF 158
AL26

PATH: U:\PSO\Projects\Clients\1521-1521-075-ELST\995sec\CaAD\Phase 19\T03_Civil\Draw\ PLOTTED BY: purgabut DATE: Friday, July 07, 2017 5:11:26 PM LAYOUT: AL27



C-LINE PROFILE
HORIZ: 1"=20'
VERT: 1"=5'

- CIVIL CONSTRUCTION NOTES:**
- 1 RESTORE AND INSTALL STAIR. TYPE TO BE DETERMINED.
 - 2 RECONSTRUCT PEDESTRIAN BRIDGE.
 - 3 INSTALL PRECAST REINF CONC SPLIT BOX CULVERT. SEE FP SHEETS FOR DETAILS.
 - 4 INSTALL STRUCTURAL EARTH WALL. SEE WALL DETAILS ON SHEET X. SEE WALL PROFILES ON WP SHEETS.
 - 5 INSTALL COATED CHAIN LINK FENCE TYPE 6. FOR GROUND POST INSTALLATION SEE APPENDIX B IN THE SPECIFICATIONS. SEE SHEET X FOR MOUNTING ON TOP OF WALL.
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 - 7 INSTALL WOOD GUARDRAIL, SEE DETAILS ON SHEET XX.
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- STORMWATER CONSTRUCTION NOTES:**
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 - 3 ROCK PAD, SEE DETAIL 2 ON SHEET DD1 AND WP SHEETS.
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 - 8 BASIC DISPERSION, SEE SHEET CS3.
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 - 10 ADJUST CATCH BASIN.

- LEGEND:**
- RETAINING WALL
 - SOLDIER PILE WALL
 - WOOD GUARDRAIL
 - DISPERSION AREA
 - DRIVEWAY REMOVAL
 - LANDING PAD

CITY OF SAMMAMISH APPROVAL

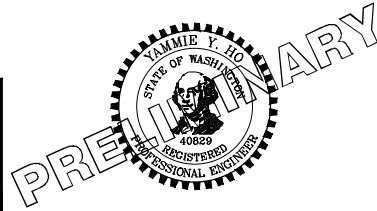
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P19T03AL-03
JOB No.: 524-1521-075 P19 T03
DATE: JULY 2017



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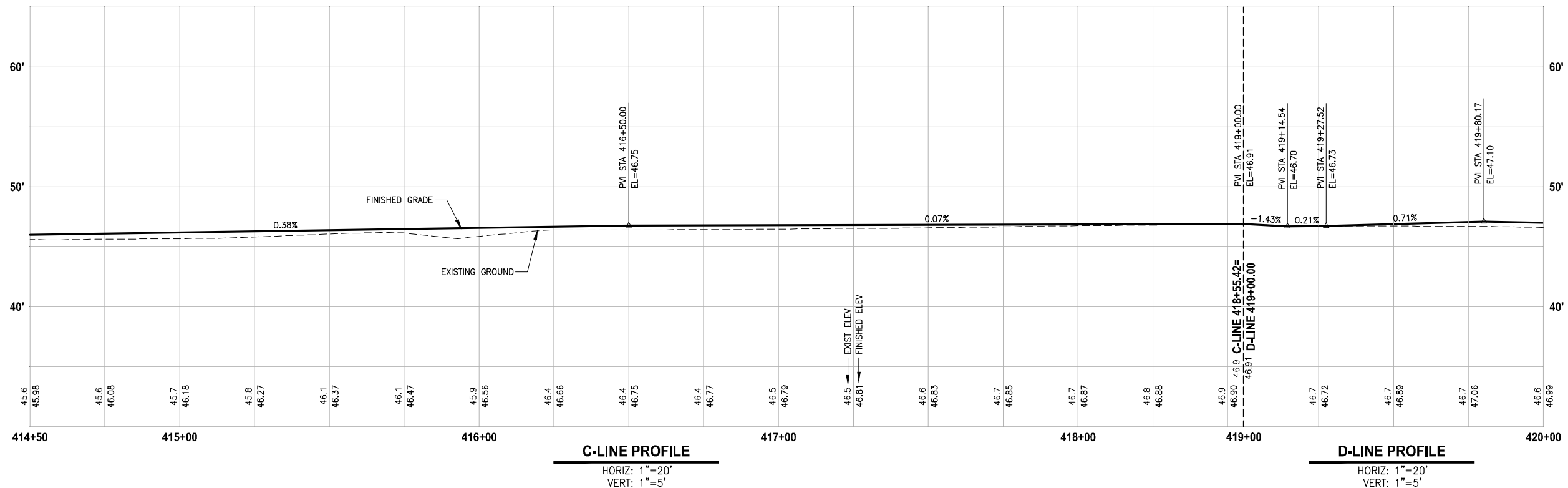
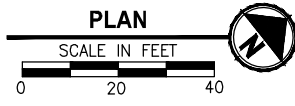
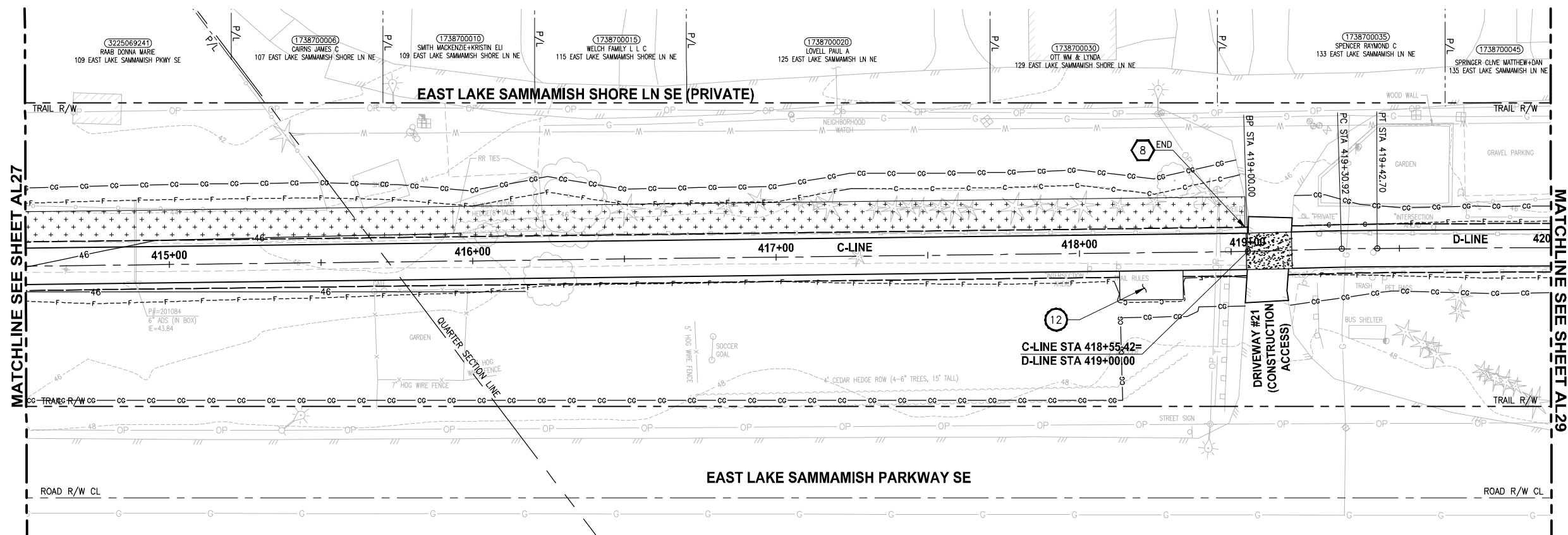
739 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
SAMMAMISH, WA

PLAN AND PROFILE

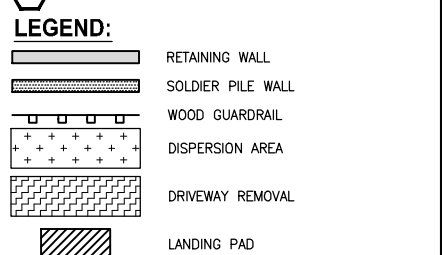
SHEET NO.
80 OF 158
AL27

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- CIVIL CONSTRUCTION NOTES:**
- RESTORE AND INSTALL STAIR. TYPE TO BE DETERMINED.
 - RECONSTRUCT PEDESTRIAN BRIDGE.
 - INSTALL PRECAST REINF CONC SPLIT BOX CULVERT. SEE FP SHEETS FOR DETAILS.
 - INSTALL STRUCTURAL EARTH WALL. SEE WALL DETAILS ON SHEET X. SEE WALL PROFILES ON WP SHEETS.
 - INSTALL COATED CHAIN LINK FENCE TYPE 6. FOR GROUND POST INSTALLATION SEE APPENDIX B IN THE SPECIFICATIONS. SEE SHEET X FOR MOUNTING ON TOP OF WALL.
 - NEW DRIVEWAY.
 - INSTALL WOOD GUARDRAIL, SEE DETAILS ON SHEET XX.
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 - INSTALL WING WALL, SEE FP SHEETS.
 - INSTALL EXTRUDED CURB PER WSDOT STD PLAN F-10.42-00.
 - REST STOP PULL-OUT.
 - STAIRS WILL BE ELIMINATED DURING CONSTRUCTION.
 - BRIDGES WILL BE REMOVED TO R/W LINE DURING CONSTRUCTION.
 - INSTALL ROCK WALL.
 - INSTALL METAL HANDRAIL.

- STORMWATER CONSTRUCTION NOTES:**
- INFILTRATION TRENCH, SEE DETAIL 4 ON SHEET DD1.
 - UNDERDRAIN TRENCH, SEE DETAIL 5 ON SHEET DD1.
 - ROCK PAD, SEE DETAIL 2 ON SHEET DD1 AND WP SHEETS.
 - CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
 - INSTALL UNDERDRAIN TRENCH CLEANOUT, SEE DETAIL 6 ON SHEET DD1.
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 - CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1.
 - BASIC DISPERSION, SEE SHEET CS3.
 - QUARRY SPALL OUTFALL PROTECTION. SEE DETAIL 3 ON SHEET DD1.
 - ADJUST CATCH BASIN.



CITY OF SAMMAMISH APPROVAL

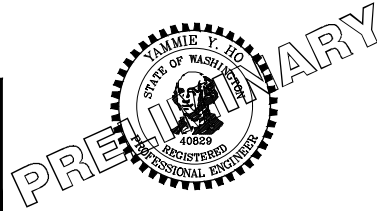
City Engineer	Date
Community Development	Date

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

**ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY**

FILE NAME: BL1521075P19T03AL-03
JOB No: 554-1521-075 P19 T03
DATE: JULY 2017



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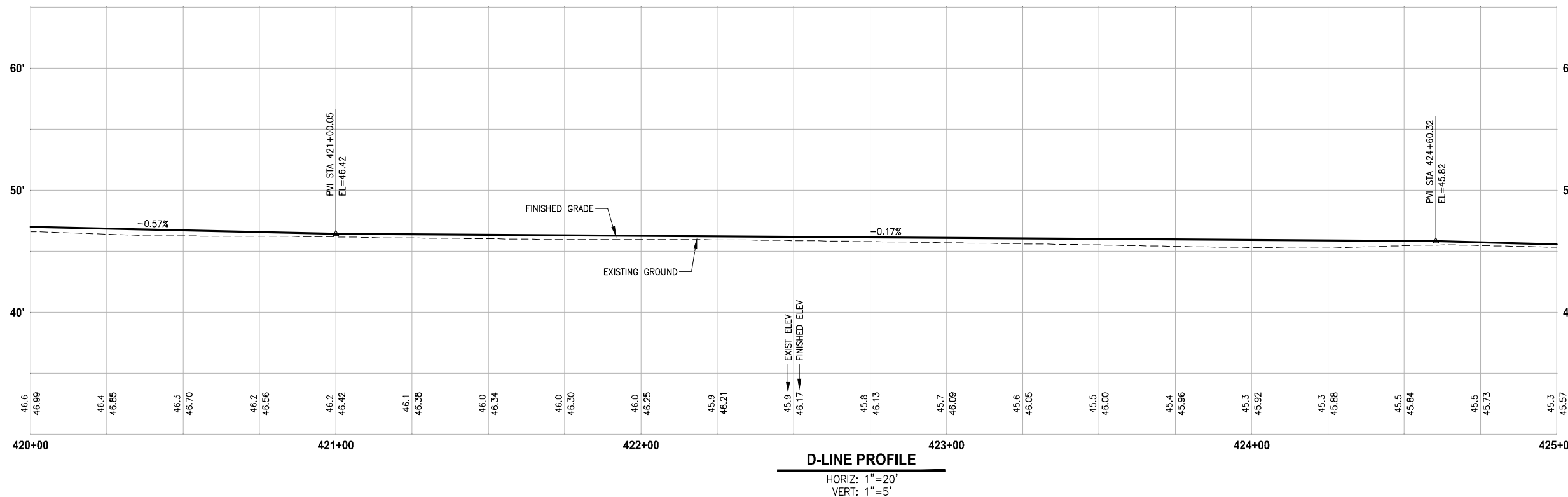
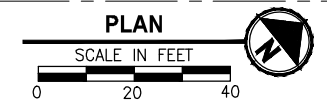
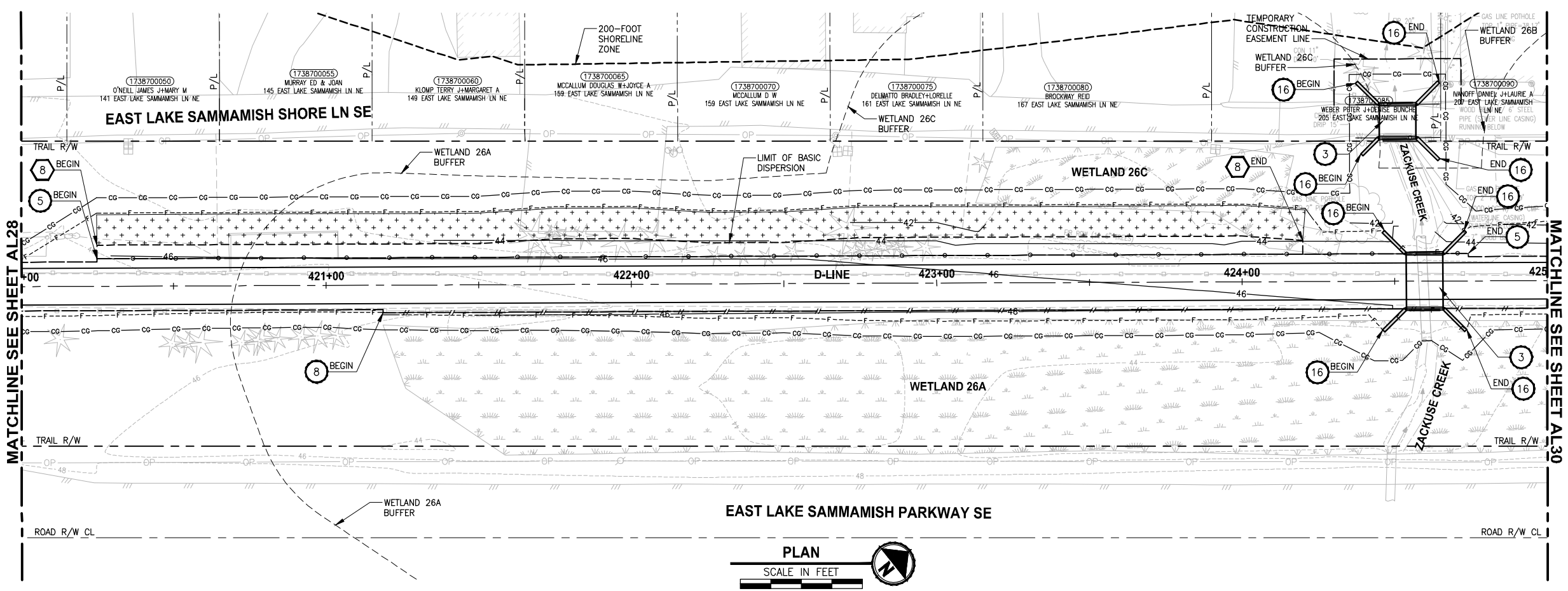
739 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
81 OF 158
AL28

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995sec\CaAD\Phase 19\T03_Civil\Draw\ PLOTTED BY: purgabut DATE: Friday, July 07, 2017 5:13:13 PM LAYOUT: AL29



D-LINE PROFILE
 HORIZ: 1"=20'
 VERT: 1"=5'

CIVIL CONSTRUCTION NOTES:

- 1 RESTORE AND INSTALL STAIR. TYPE TO BE DETERMINED.
- 2 RECONSTRUCT PEDESTRIAN BRIDGE.
- 3 INSTALL PRECAST REINF CONC SPLIT BOX CULVERT. SEE FP SHEETS FOR DETAILS.
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- 21 INSTALL ROCK WALL.
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STORMWATER CONSTRUCTION NOTES:

- 1 INFILTRATION TRENCH, SEE DETAIL 4 ON SHEET DD1.
- 2 UNDERDRAIN TRENCH, SEE DETAIL 5 ON SHEET DD1.
- 3 ROCK PAD, SEE DETAIL 2 ON SHEET DD1 AND WP SHEETS.
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- 7 CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1.
- 8 BASIC DISPERSION, SEE SHEET CS3.
- 9 QUARRY SPALL OUTFALL PROTECTION. SEE DETAIL 3 ON SHEET DD1.
- 10 ADJUST CATCH BASIN.

LEGEND:

- RETAINING WALL
- SOLDIER PILE WALL
- WOOD GUARDRAIL
- DISPERSION AREA
- DRIVEWAY REMOVAL
- LANDING PAD

CITY OF SAMMAMISH APPROVAL

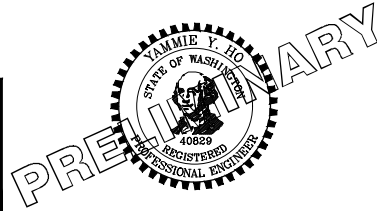
City Engineer _____	Date _____
Community Development _____	Date _____

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REVISIONS	DATE	BY	DESIGNED
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			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P19T03AL-04
 JOB No.: 554-1521-075 P19 T03
 DATE: JULY 2017



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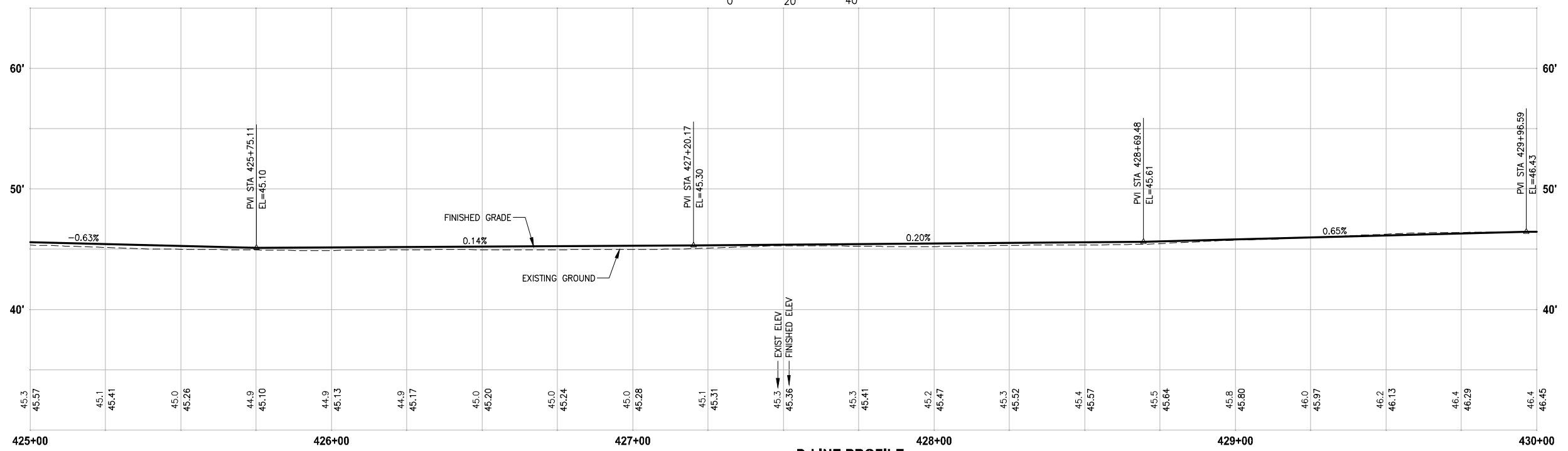
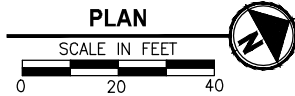
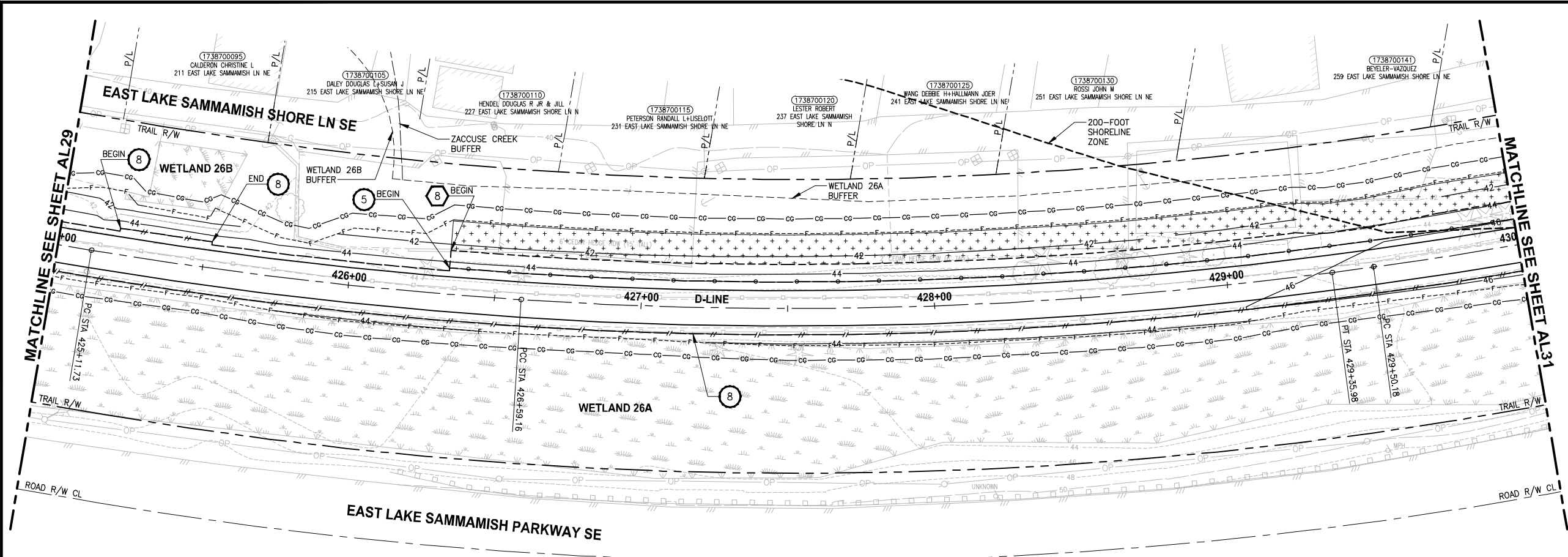
739 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
 P 206.394.3700
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
 82 OF 158
AL29

LAYOUT: AL30
 PATH: U:\PSO\Projects\Clients\1521-075-ELST\995sec\CaAD\Phase 19\T03_Civil\Draw\ PLOTTED BY: purgabut DATE: Friday, July 07, 2017 5:13:31 PM



D-LINE PROFILE
 HORIZ: 1"=20'
 VERT: 1"=5'

- CIVIL CONSTRUCTION NOTES:**
- RESTORE AND INSTALL STAIR. TYPE TO BE DETERMINED.
 - RECONSTRUCT PEDESTRIAN BRIDGE.
 - INSTALL PRECAST REINF CONC SPLIT BOX CULVERT. SEE FP SHEETS FOR DETAILS.
 - INSTALL STRUCTURAL EARTH WALL. SEE WALL DETAILS ON SHEET X. SEE WALL PROFILES ON WP SHEETS.
 - INSTALL COATED CHAIN LINK FENCE TYPE 6. FOR GROUND POST INSTALLATION SEE APPENDIX B IN THE SPECIFICATIONS. SEE SHEET X FOR MOUNTING ON TOP OF WALL.
 - NEW DRIVEWAY.
 - INSTALL WOOD GUARDRAIL, SEE DETAILS ON SHEET XX.
 - INSTALL SPLIT RAIL FENCE, SEE DETAILS ON SHEET XX.
 - INSTALL GRAVITY BLOCK WALL. SEE WALL DETAILS ON SHEET XX. SEE WALL PROFILES ON WP SHEETS.
 - DRIVEWAY REMOVAL. SEE MP SHEETS FOR PLANTING PLAN.
 - INSTALL PATTERNED CONCRETE DRIVEWAY. SEE DETAILS ON SHEET XX.
 - INSTALL TYPE 1 REST STOP. SEE DETAILS ON SHEET XX.
 - INSTALL TYPE 2 REST STOP. SEE DETAILS ON SHEET XX.
 - INSTALL SOLDIER PILE WALL. SEE S SHEETS.
 - INSTALL GRAVITY BLOCK WALL.
 - INSTALL WING WALL, SEE FP SHEETS.
 - INSTALL EXTRUDED CURB PER WSDOT STD PLAN F-10.42-00.
 - REST STOP PULL-OUT.
 - STAIRS WILL BE ELIMINATED DURING CONSTRUCTION.
 - BRIDGES WILL BE REMOVED TO R/W LINE DURING CONSTRUCTION.
 - INSTALL ROCK WALL.
 - INSTALL METAL HANDRAIL.

- STORMWATER CONSTRUCTION NOTES:**
- INFILTRATION TRENCH, SEE DETAIL 4 ON SHEET DD1.
 - UNDERDRAIN TRENCH, SEE DETAIL 5 ON SHEET DD1.
 - ROCK PAD, SEE DETAIL 2 ON SHEET DD1 AND WP SHEETS.
 - CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
 - INSTALL UNDERDRAIN TRENCH CLEANOUT, SEE DETAIL 6 ON SHEET DD1.
 - INSTALL RECTANGULAR SLIP RESISTANT SOLID METAL COVER PER WSDOT STD DETAIL B-30.20-02.
 - CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1.
 - BASIC DISPERSION, SEE SHEET CS3.
 - QUARRY SPALL OUTFALL PROTECTION. SEE DETAIL 3 ON SHEET DD1.
 - ADJUST CATCH BASIN.

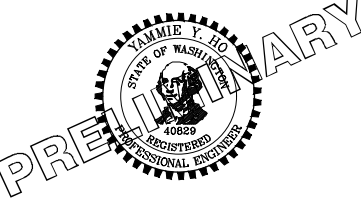
- LEGEND:**
- RETAINING WALL
 - SOLDIER PILE WALL
 - WOOD GUARDRAIL
 - DISPERSION AREA
 - DRIVEWAY REMOVAL
 - LANDING PAD

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
 NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY.
 FILE NAME: BL1521075P19T03AL-04
 JOB No: 554-1521-075 P19 T03
 DATE: JULY 2017



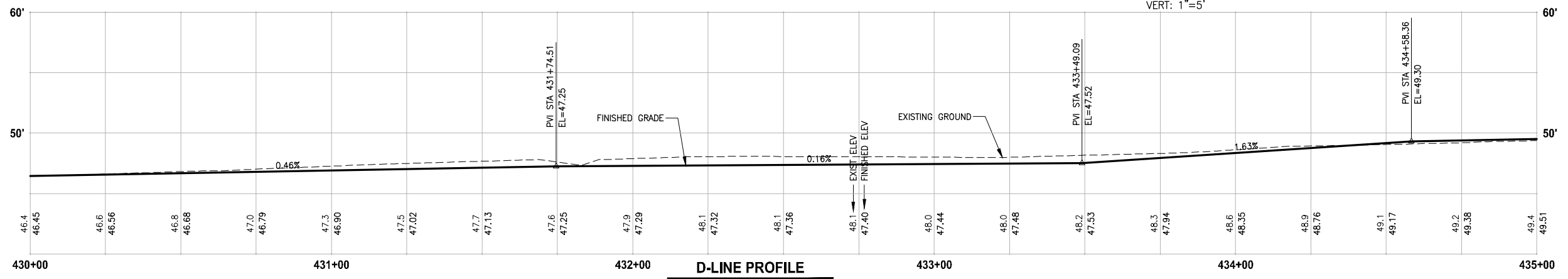
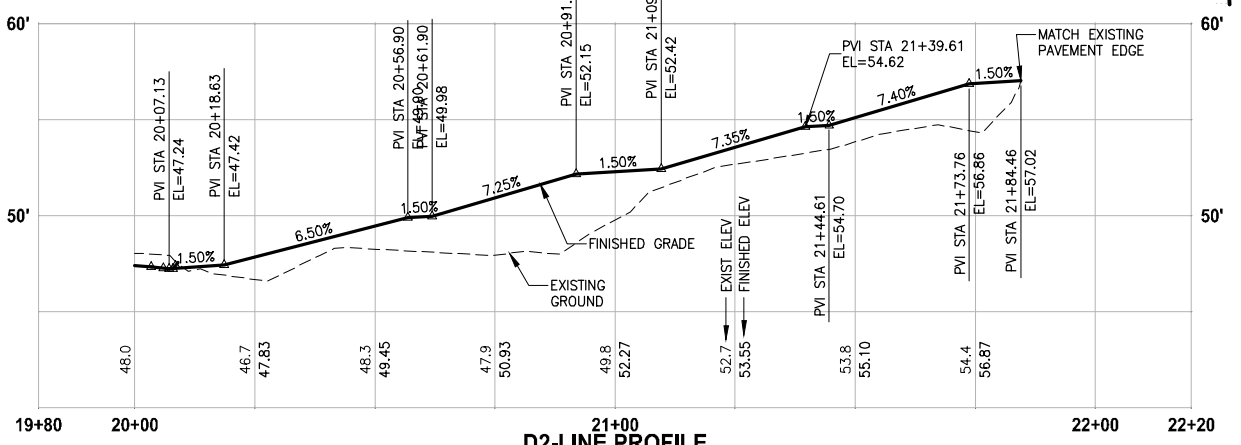
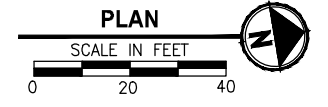
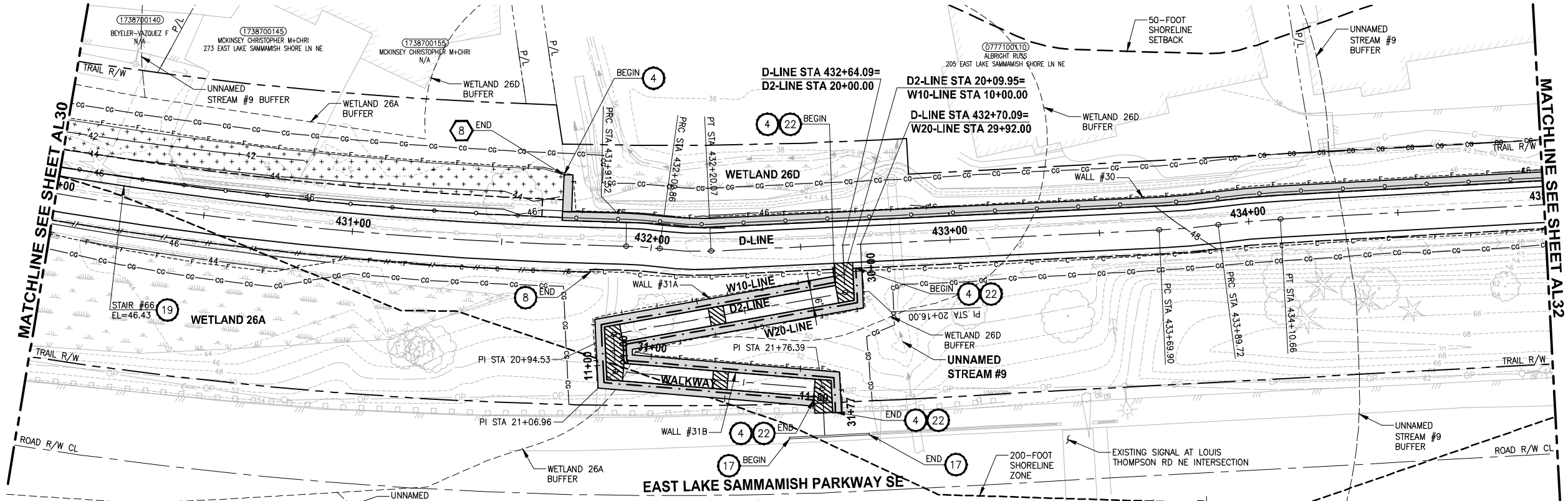
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO. 83 OF 158
AL30

LAYOUT: AL31
 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995\Drawings\19\T03_Civil\DWG\ PLOTTED BY: purgaban DATE: Monday, July 10, 2017 12:23:58 PM



- CIVIL CONSTRUCTION NOTES:**
- RESTORE AND INSTALL STAIR. TYPE TO BE DETERMINED.
 - RECONSTRUCT PEDESTRIAN BRIDGE.
 - INSTALL PRECAST REINF CONC SPLIT BOX CULVERT. SEE FP SHEETS FOR DETAILS.
 - INSTALL STRUCTURAL EARTH WALL. SEE WALL DETAILS ON SHEET X. SEE WALL PROFILES ON WP SHEETS.
 - INSTALL COATED CHAIN LINK FENCE TYPE 6. FOR GROUND POST INSTALLATION SEE APPENDIX B IN THE SPECIFICATIONS. SEE SHEET X FOR MOUNTING ON TOP OF WALL.
 - NEW DRIVEWAY.
 - INSTALL WOOD GUARDRAIL, SEE DETAILS ON SHEET XX.
 - INSTALL SPLIT RAIL FENCE, SEE DETAILS ON SHEET XX.
 - INSTALL GRAVITY BLOCK WALL. SEE WALL DETAILS ON SHEET XX. SEE WALL PROFILES ON WP SHEETS.
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 - INSTALL PATTERNED CONCRETE DRIVEWAY. SEE DETAILS ON SHEET XX.
 - INSTALL TYPE 1 REST STOP. SEE DETAILS ON SHEET XX.
 - INSTALL TYPE 2 REST STOP. SEE DETAILS ON SHEET XX.
 - INSTALL SOLDIER PILE WALL. SEE S SHEETS.
 - INSTALL GRAVITY BLOCK WALL.
 - INSTALL WING WALL, SEE FP SHEETS.
 - INSTALL EXTRUDED CURB PER WSDOT STD PLAN F-10.42-00.
 - REST STOP PULL-OUT.
 - STAIRS WILL BE ELIMINATED DURING CONSTRUCTION.
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 - INSTALL METAL HANDRAIL.

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 - CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1.
 - BASIC DISPERSION, SEE SHEET CS3.
 - QUARRY SPALL OUTFALL PROTECTION. SEE DETAIL 3 ON SHEET DD1.
 - ADJUST CATCH BASIN.

LEGEND:

- RETAINING WALL
- SOLDIER PILE WALL
- WOOD GUARDRAIL
- DISPERSION AREA
- DRIVEWAY REMOVAL
- LANDING PAD

CITY OF SAMMAMISH APPROVAL

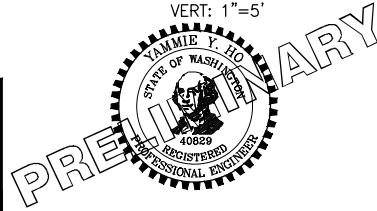
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P19T03AL-04
 JOB No: 554-1521-075 P19 T03
 DATE: JULY 2017



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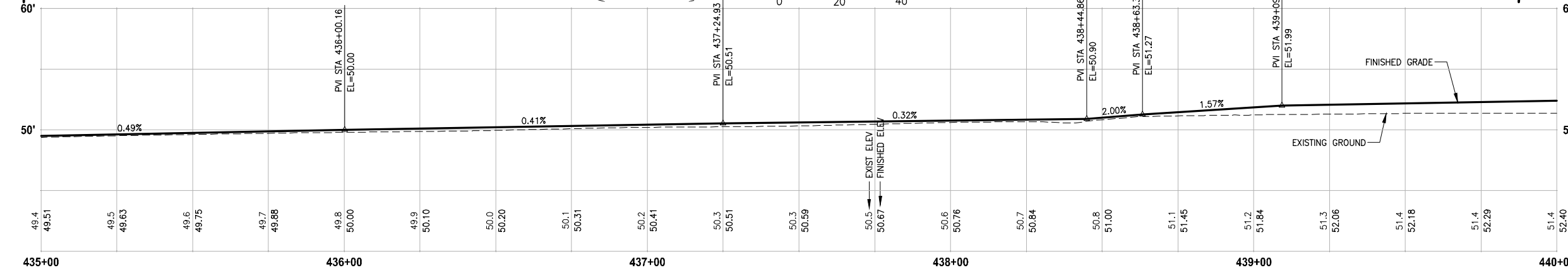
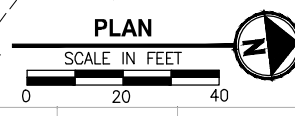
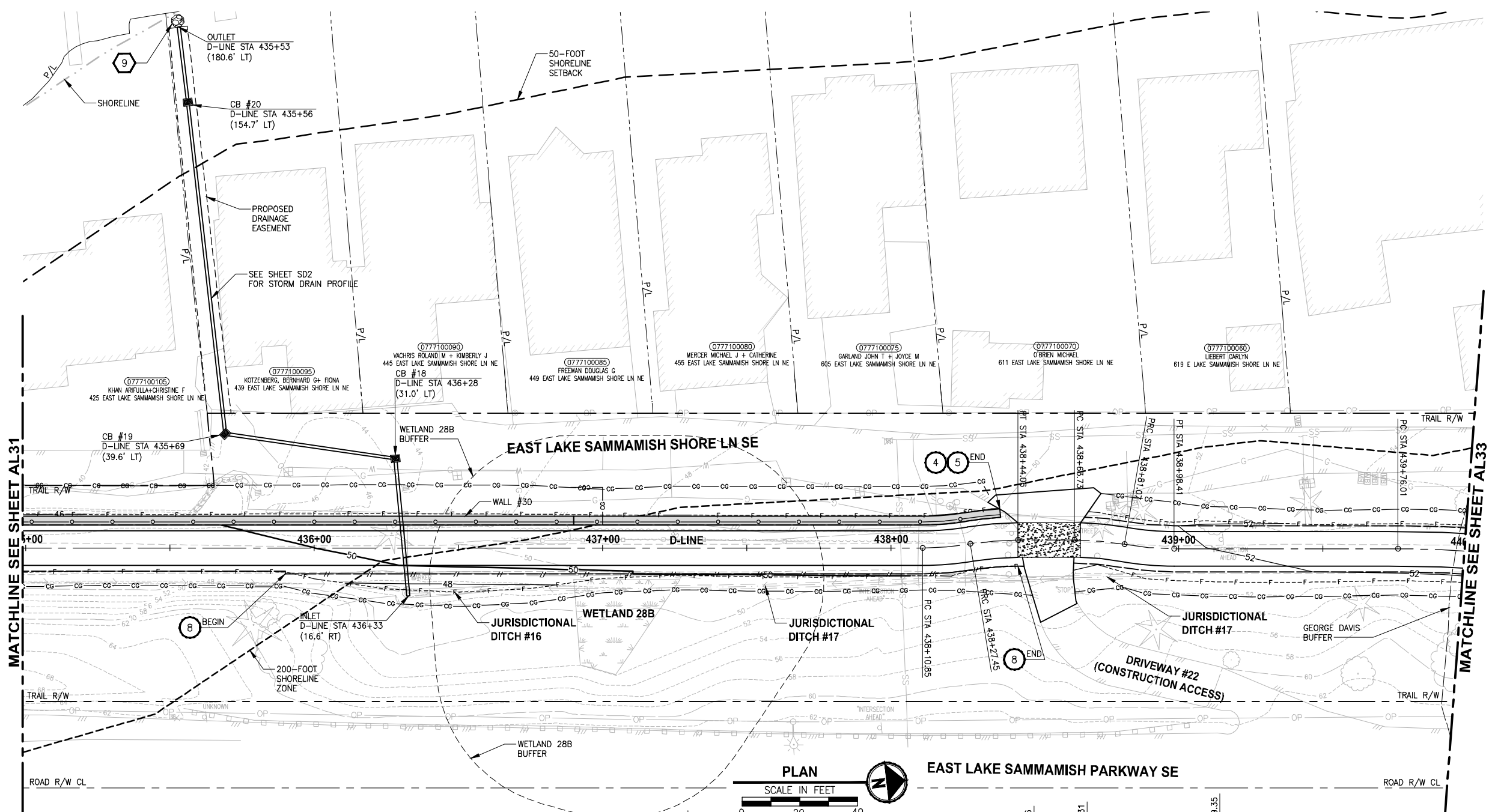
PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
84 OF 158

AL31

LAYOUT: AL32
 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995sec\CaDD\Phase 19\T03_Civil\Draw\ PLOTTED BY: purgaban DATE: Friday, July 07, 2017 5:14:13 PM



D-LINE PROFILE
 HORIZ: 1"=20'
 VERT: 1"=5'

- CIVIL CONSTRUCTION NOTES:**
- 1 RESTORE AND INSTALL STAIR. TYPE TO BE DETERMINED.
 - 2 RECONSTRUCT PEDESTRIAN BRIDGE.
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 - 6 NEW DRIVEWAY.
 - 7 INSTALL WOOD GUARDRAIL, SEE DETAILS ON SHEET XX.
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 - 10 DRIVEWAY REMOVAL. SEE MP SHEETS FOR PLANTING PLAN.
 - 11 INSTALL PATTERNED CONCRETE DRIVEWAY. SEE DETAILS ON SHEET XX.
 - 12 INSTALL TYPE 1 REST STOP. SEE DETAILS ON SHEET XX.
 - 13 INSTALL TYPE 2 REST STOP. SEE DETAILS ON SHEET XX.
 - 14 INSTALL SOLDIER PILE WALL. SEE S SHEETS.
 - 15 INSTALL GRAVITY BLOCK WALL.
 - 16 INSTALL WING WALL, SEE FP SHEETS.
 - 17 INSTALL EXTRUDED CURB PER WSDOT STD PLAN F-10.42-00.
 - 18 REST STOP PULL-OUT.
 - 19 STAIRS WILL BE ELIMINATED DURING CONSTRUCTION.
 - 20 BRIDGES WILL BE REMOVED TO R/W LINE DURING CONSTRUCTION.
 - 21 INSTALL ROCK WALL.
 - 22 INSTALL METAL HANDRAIL.

- STORMWATER CONSTRUCTION NOTES:**
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 - 9 QUARRY SPALL OUTFALL PROTECTION. SEE DETAIL 3 ON SHEET DD1.
 - 10 ADJUST CATCH BASIN.

- LEGEND:**
- RETAINING WALL
 - SOLDIER PILE WALL
 - WOOD GUARDRAIL
 - DISPERSION AREA
 - DRIVEWAY REMOVAL
 - LANDING PAD

CITY OF SAMMAMISH APPROVAL

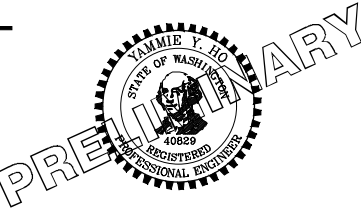
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
 NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P19T03AL-04
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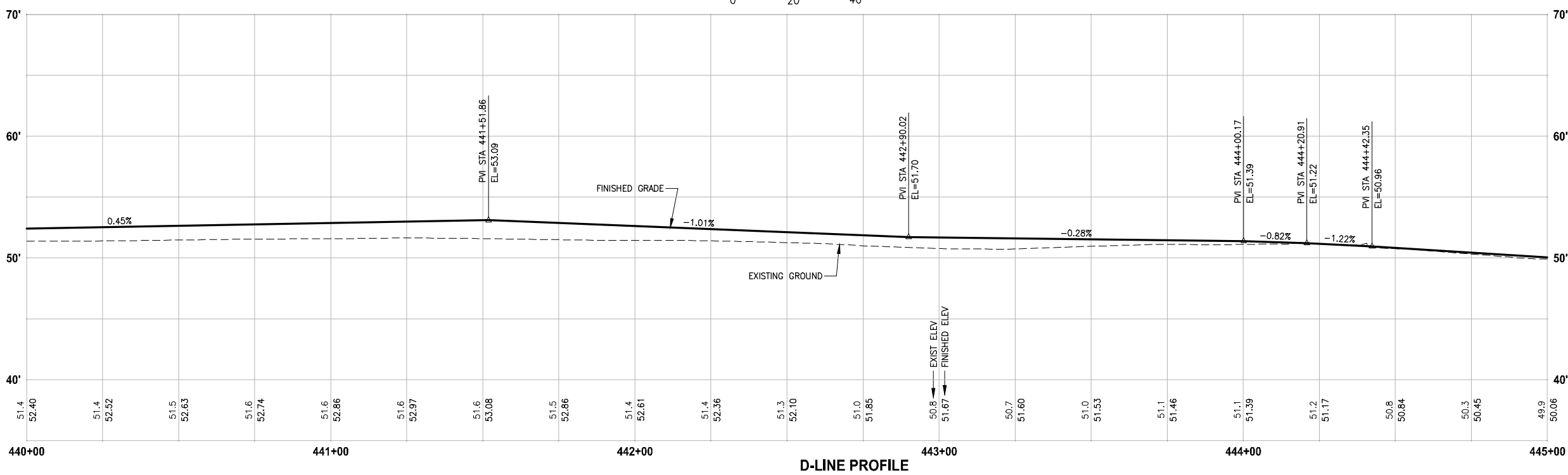
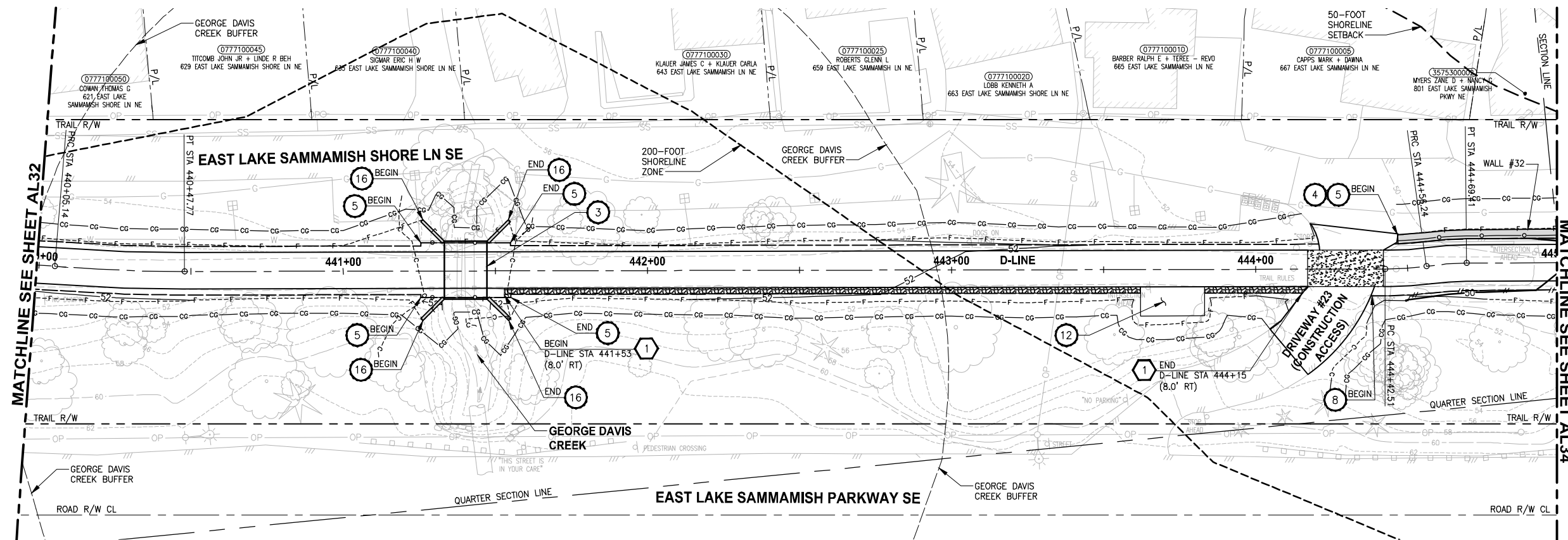
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 P 206.394.3700
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
 85 OF 158
AL32

PATH: U:\PSO\Projects\Clients\1521-1521-075-ELST\995sec\CaDD\Phase 19\T03_Civil\Draw\ PLOTTED BY: purgobut DATE: Friday, July 07, 2017 5:14:34 PM LAYOUT: AL33



D-LINE PROFILE

HORIZ: 1"=20'
VERT: 1"=5'

- CIVIL CONSTRUCTION NOTES:**
- 1 RESTORE AND INSTALL STAIR. TYPE TO BE DETERMINED.
 - 2 RECONSTRUCT PEDESTRIAN BRIDGE.
 - 3 INSTALL PRECAST REINF CONC SPLIT BOX CULVERT. SEE FP SHEETS FOR DETAILS.
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 - 18 REST STOP PULL-OUT.
 - 19 STAIRS WILL BE ELIMINATED DURING CONSTRUCTION.
 - 20 BRIDGES WILL BE REMOVED TO R/W LINE DURING CONSTRUCTION.
 - 21 INSTALL ROCK WALL.
 - 22 INSTALL METAL HANDRAIL.

- STORMWATER CONSTRUCTION NOTES:**
- 1 INFILTRATION TRENCH, SEE DETAIL 4 ON SHEET DD1.
 - 2 UNDERDRAIN TRENCH, SEE DETAIL 5 ON SHEET DD1.
 - 3 ROCK PAD, SEE DETAIL 2 ON SHEET DD1 AND WP SHEETS.
 - 4 CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
 - 5 INSTALL UNDERDRAIN TRENCH CLEANOUT, SEE DETAIL 6 ON SHEET DD1.
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 - 7 CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1.
 - 8 BASIC DISPERSION, SEE SHEET CS3.
 - 9 QUARRY SPALL OUTFALL PROTECTION. SEE DETAIL 3 ON SHEET DD1.
 - 10 ADJUST CATCH BASIN.

- LEGEND:**
- RETAINING WALL
 - SOLDIER PILE WALL
 - WOOD GUARDRAIL
 - DISPERSION AREA
 - DRIVEWAY REMOVAL
 - LANDING PAD

CITY OF SAMMAMISH APPROVAL

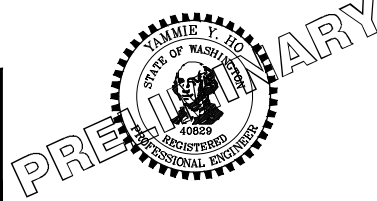
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P19T03AL-04
JOB No.: 524-1521-075 P19 T03
DATE: JULY 2017



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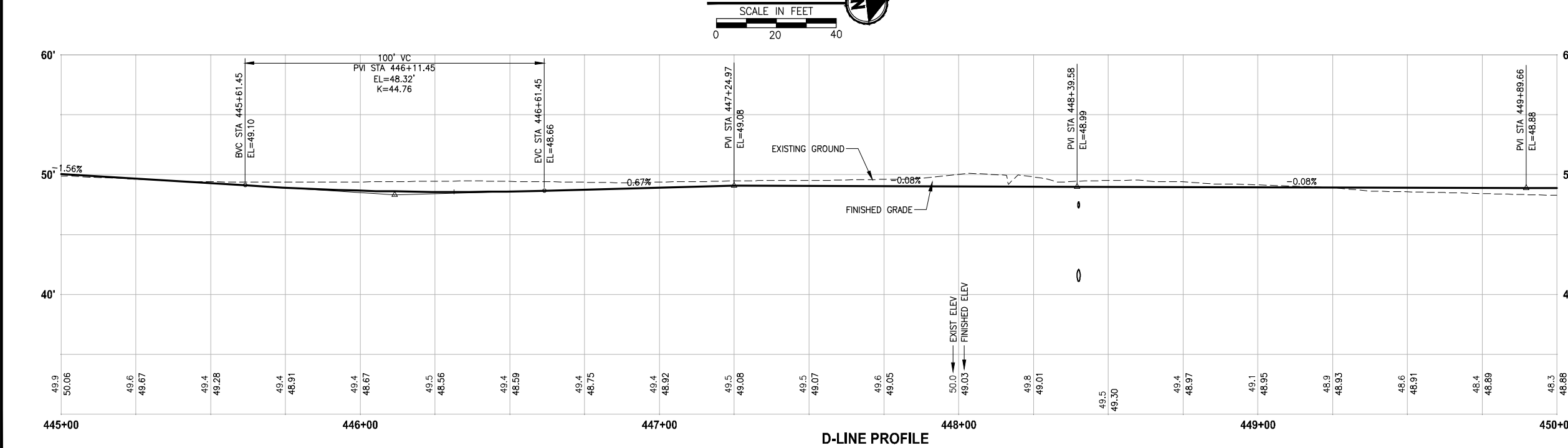
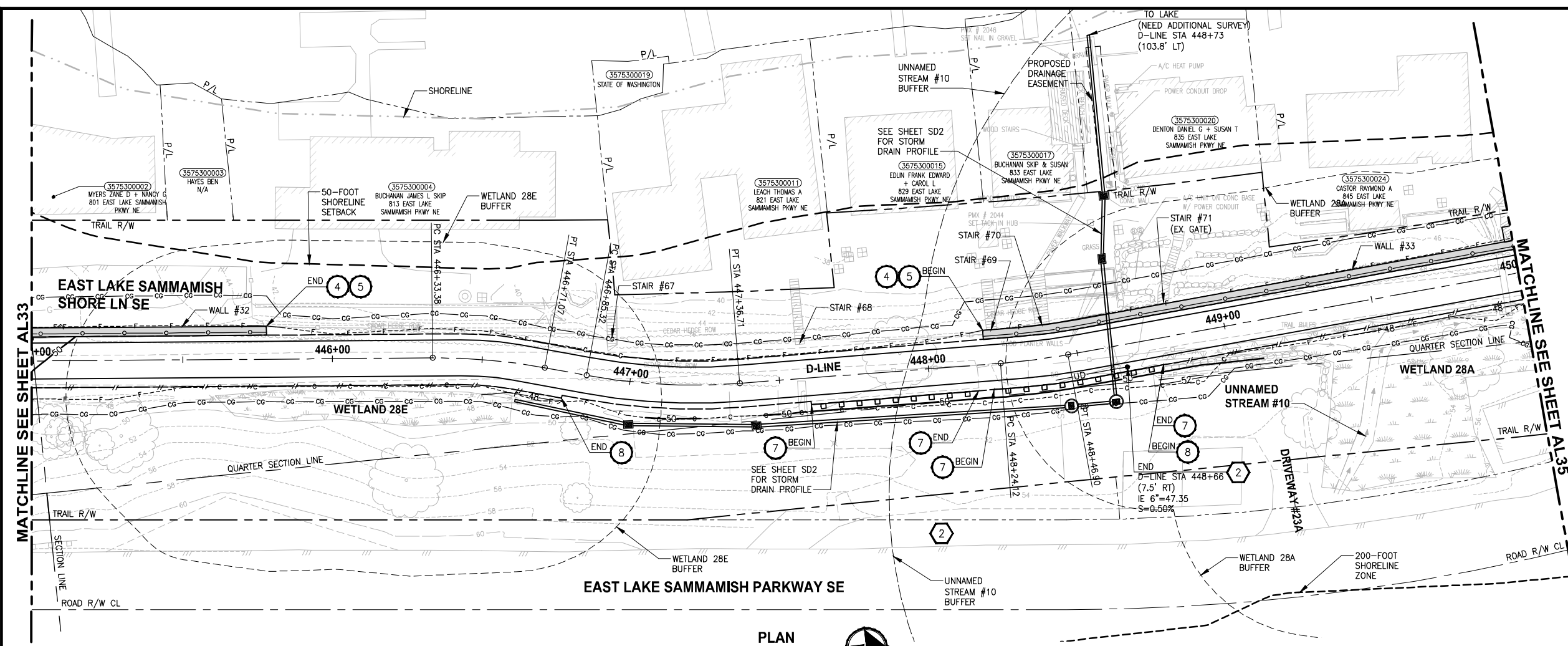
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P 206.394.3700
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PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
86 OF 158
AL33

LAYOUT: AL34
 PATH: U:\PSO\Projects\Clients\1521-1521-075-ELST\995sec\CaDD\Phase 19\T03_Civil\Draw\ PLOTTED BY: purgabut DATE: Monday, July 10, 2017 1:30:16 PM



- CIVIL CONSTRUCTION NOTES:**
- RESTORE AND INSTALL STAIR. TYPE TO BE DETERMINED.
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 - CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1.
 - BASIC DISPERSION, SEE SHEET CS3.
 - QUARRY SPALL OUTFALL PROTECTION. SEE DETAIL 3 ON SHEET DD1.
 - ADJUST CATCH BASIN.

LEGEND:

- RETAINING WALL
- SOLDIER PILE WALL
- WOOD GUARDRAIL
- DISPERSION AREA
- DRIVEWAY REMOVAL
- LANDING PAD

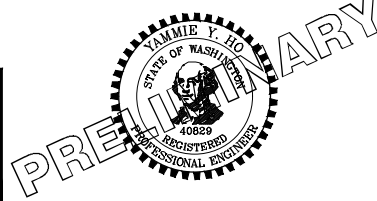
CITY OF SAMMAMISH APPROVAL

City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
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REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
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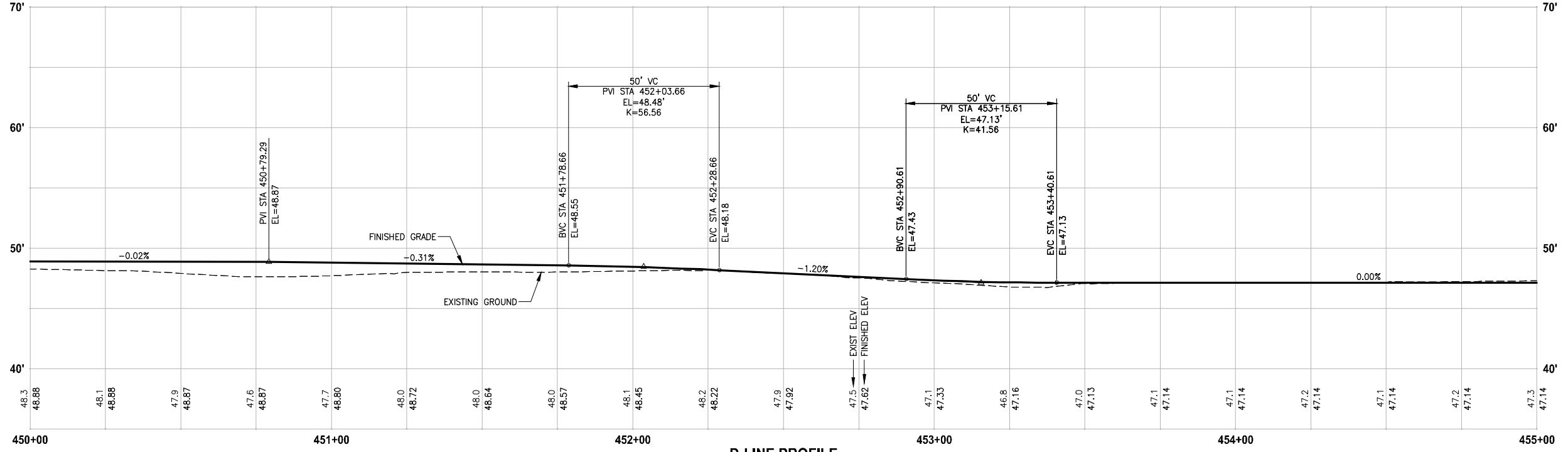
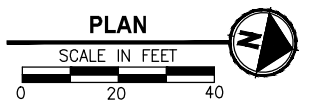
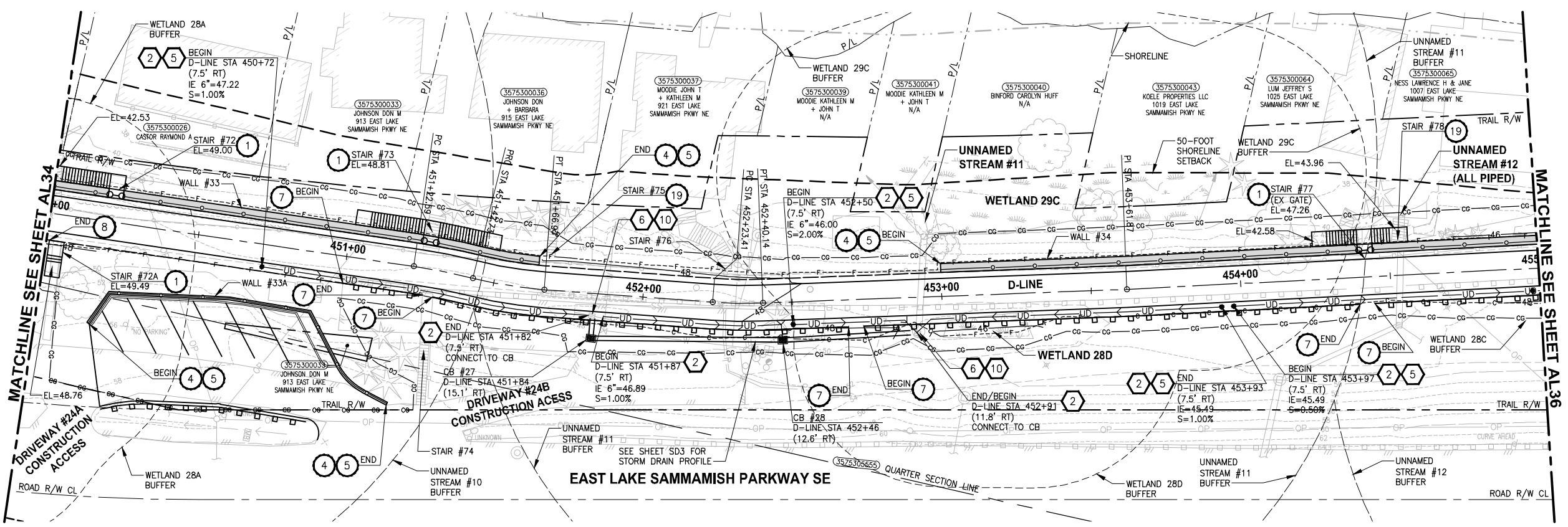


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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

PLAN AND PROFILE
 SHEET NO. 87 OF 158
AL34

LAYOUT: AL35
 PATH: U:\PSO\Projects\Clients\1521-1521-075-ELST\995sec\CaAD\Phase 19\T03_Civil\Draw\ PLOTTED BY: purgabut DATE: Friday, July 07, 2017 5:15:15 PM



D-LINE PROFILE
 HORIZ: 1"=20'
 VERT: 1"=5'

- CIVIL CONSTRUCTION NOTES:**
- 1 RESTORE AND INSTALL STAIR. TYPE TO BE DETERMINED.
 - 2 RECONSTRUCT PEDESTRIAN BRIDGE.
 - 3 INSTALL PRECAST REINF CONC SPLIT BOX CULVERT. SEE FP SHEETS FOR DETAILS.
 - 4 INSTALL STRUCTURAL EARTH WALL. SEE WALL DETAILS ON SHEET X. SEE WALL PROFILES ON WP SHEETS.
 - 5 INSTALL COATED CHAIN LINK FENCE TYPE 6. FOR GROUND POST INSTALLATION SEE APPENDIX B IN THE SPECIFICATIONS. SEE SHEET X FOR MOUNTING ON TOP OF WALL.
 - 6 NEW DRIVEWAY.
 - 7 INSTALL WOOD GUARDRAIL, SEE DETAILS ON SHEET XX.
 - 8 INSTALL SPLIT RAIL FENCE, SEE DETAILS ON SHEET XX.
 - 9 INSTALL GRAVITY BLOCK WALL. SEE WALL DETAILS ON SHEET XX. SEE WALL PROFILES ON WP SHEETS.
 - 10 DRIVEWAY REMOVAL. SEE MP SHEETS FOR PLANTING PLAN.
 - 11 INSTALL PATTERNED CONCRETE DRIVEWAY. SEE DETAILS ON SHEET XX.
 - 12 INSTALL TYPE 1 REST STOP. SEE DETAILS ON SHEET XX.
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 - 14 INSTALL SOLDIER PILE WALL. SEE S SHEETS.
 - 15 INSTALL GRAVITY BLOCK WALL.
 - 16 INSTALL WING WALL, SEE FP SHEETS.
 - 17 INSTALL EXTRUDED CURB PER WSDOT STD PLAN F-10.42-00.
 - 18 REST STOP PULL-OUT.
 - 19 STAIRS WILL BE ELIMINATED DURING CONSTRUCTION.
 - 20 BRIDGES WILL BE REMOVED TO R/W LINE DURING CONSTRUCTION.
 - 21 INSTALL ROCK WALL.
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- STORMWATER CONSTRUCTION NOTES:**
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 - 4 CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
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 - 8 BASIC DISPERSION, SEE SHEET CS3.
 - 9 QUARRY SPALL OUTFALL PROTECTION. SEE DETAIL 3 ON SHEET DD1.
 - 10 ADJUST CATCH BASIN.

- LEGEND:**
- RETAINING WALL
 - SOLDIER PILE WALL
 - WOOD GUARDRAIL
 - DISPERSION AREA
 - DRIVEWAY REMOVAL
 - LANDING PAD

CITY OF SAMMAMISH APPROVAL

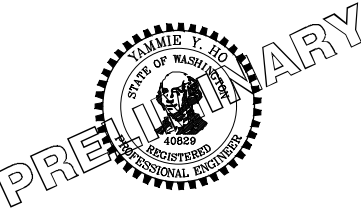
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
 NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P19T03AL-04
 JOB No.: 1521-075 P19 T03
 DATE: JULY 2017



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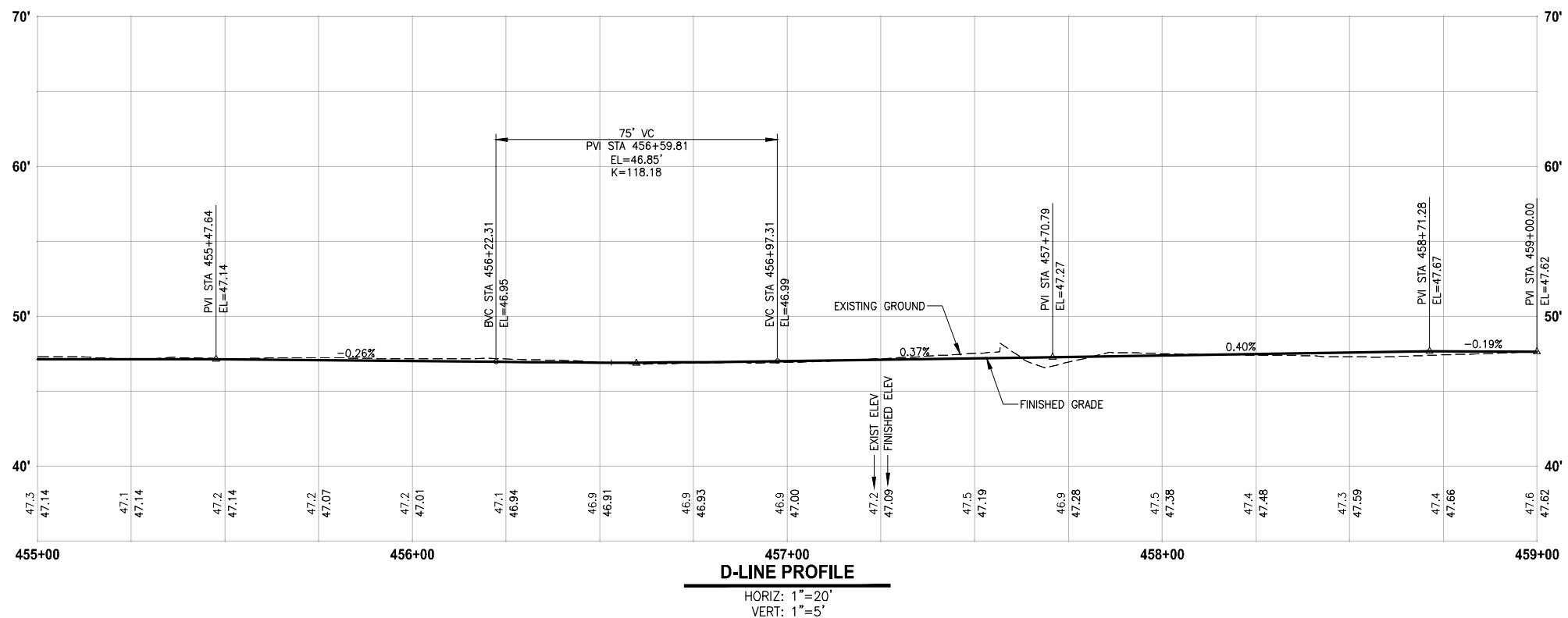
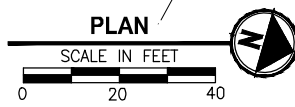
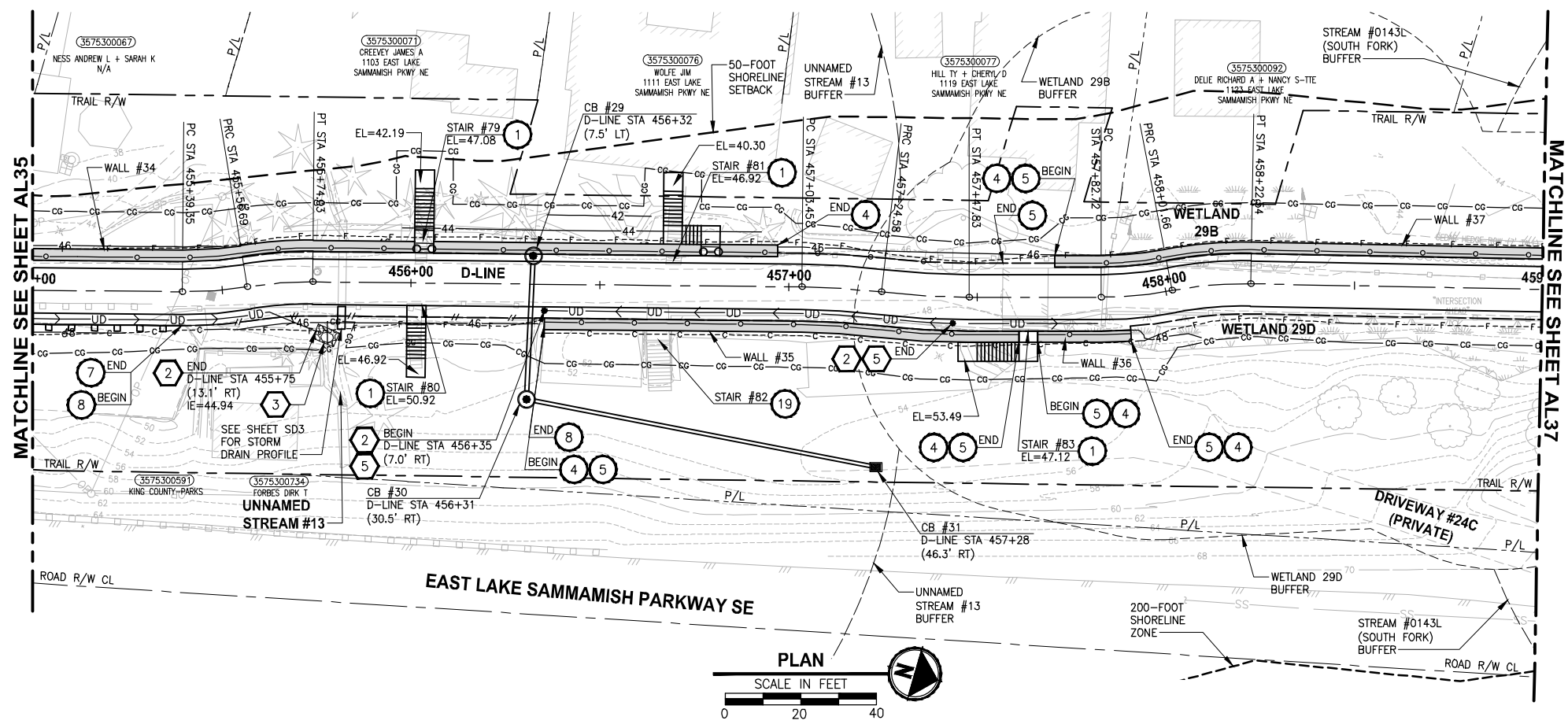
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 P 206.394.3700
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

PLAN AND PROFILE

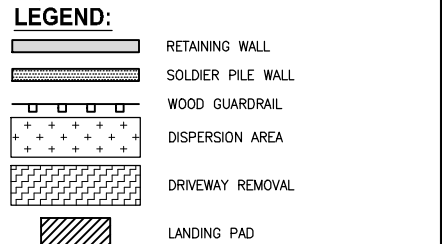
SHEET NO.
 88 OF 158
AL35

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- CIVIL CONSTRUCTION NOTES:**
- RESTORE AND INSTALL STAIR. TYPE TO BE DETERMINED.
 - RECONSTRUCT PEDESTRIAN BRIDGE.
 - INSTALL PRECAST REINF CONC SPLIT BOX CULVERT. SEE FP SHEETS FOR DETAILS.
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 - INSTALL WING WALL, SEE FP SHEETS.
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 - CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1.
 - BASIC DISPERSION, SEE SHEET CS3.
 - QUARRY SPALL OUTFALL PROTECTION. SEE DETAIL 3 ON SHEET DD1.
 - ADJUST CATCH BASIN.



CITY OF SAMMAMISH APPROVAL

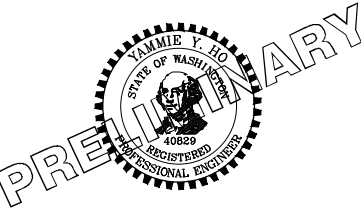
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

**ONE INCH AT FULL SCALE,
IF NOT, SCALE ACCORDINGLY**

FILE NAME: BL1521075P19T03AL-04
JOB No: 554-1521-075 P19 T03
DATE: JULY 2017



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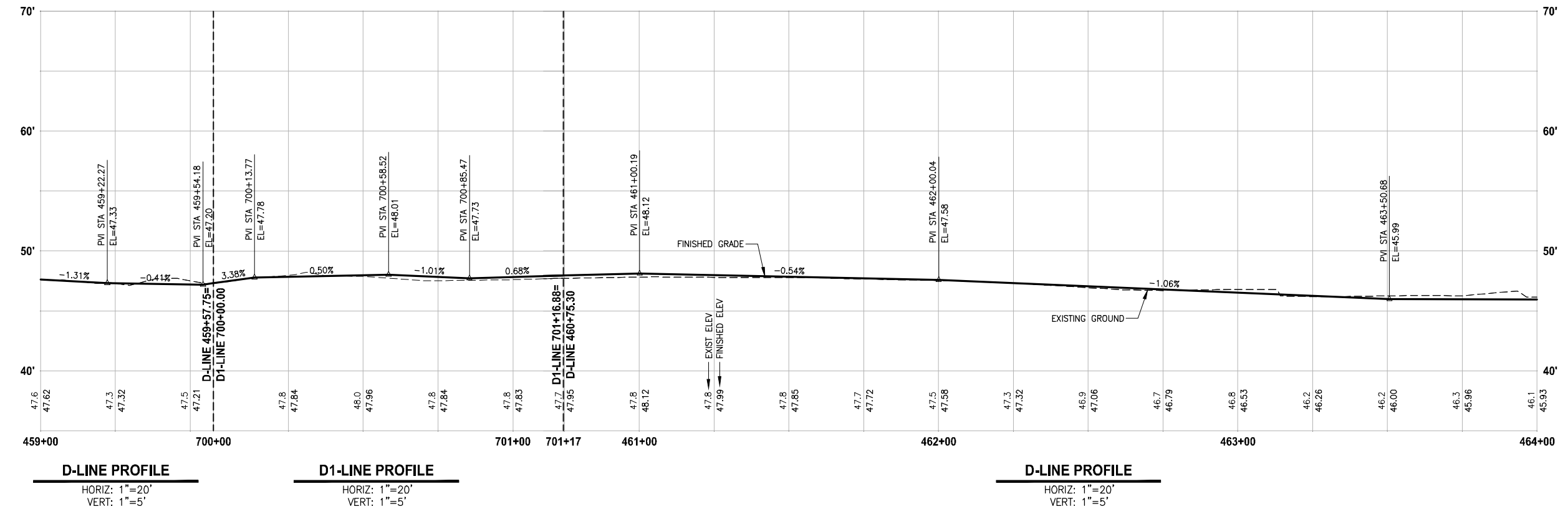
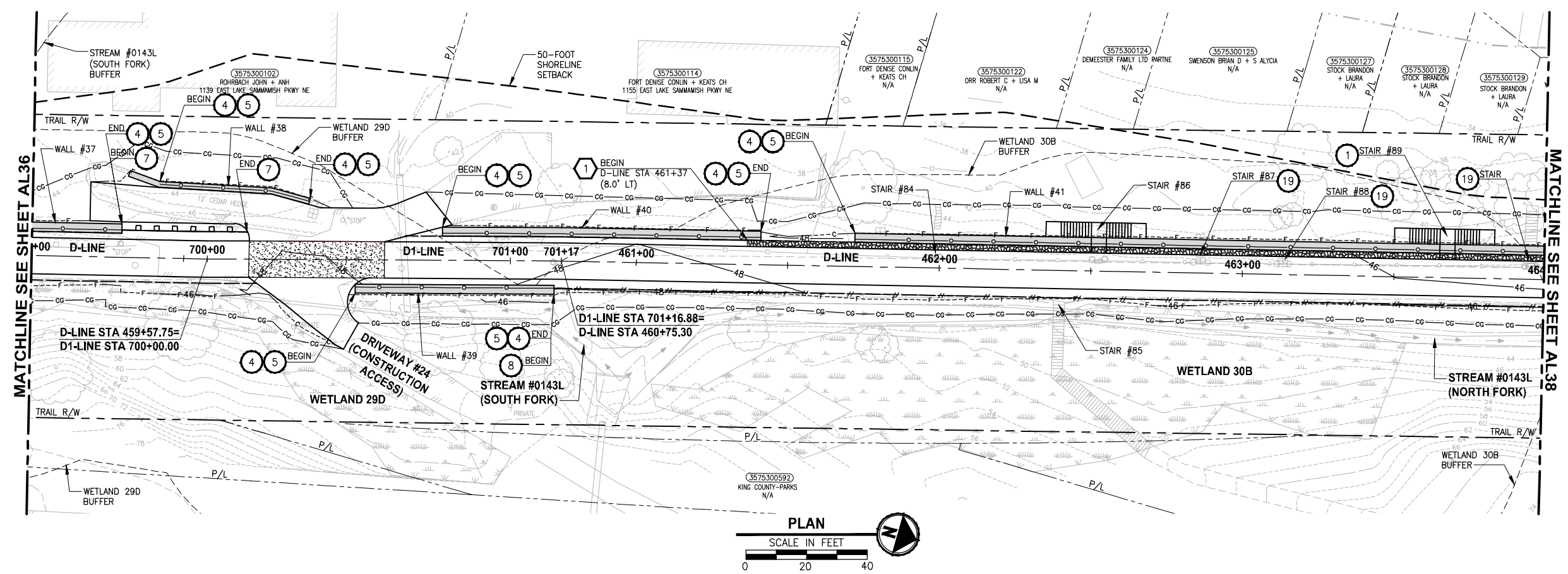
PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
89 OF 158

AL36

PATH: U:\PSO\Projects\Clients\1521-1521-075-ELST\995sec\CaAD\Phase 19\103_Civil\Draw\ LAYOUT: AL37
 PLOTTED BY: purgabat DATE: Friday, July 07, 2017 5:16:01 PM



- CIVIL CONSTRUCTION NOTES:**
- 1 RESTORE AND INSTALL STAIR. TYPE TO BE DETERMINED.
 - 2 RECONSTRUCT PEDESTRIAN BRIDGE.
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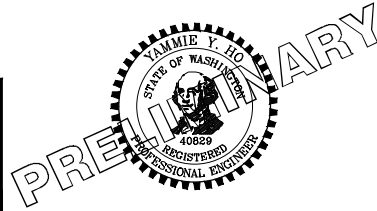
- LEGEND:**
- RETAINING WALL
 - SOLDIER PILE WALL
 - WOOD GUARDRAIL
 - DISPERSION AREA
 - DRIVEWAY REMOVAL
 - LANDING PAD

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P19T03AL-04
 JOB No: 554-1521-075 P19 T03
 DATE: JULY 2017



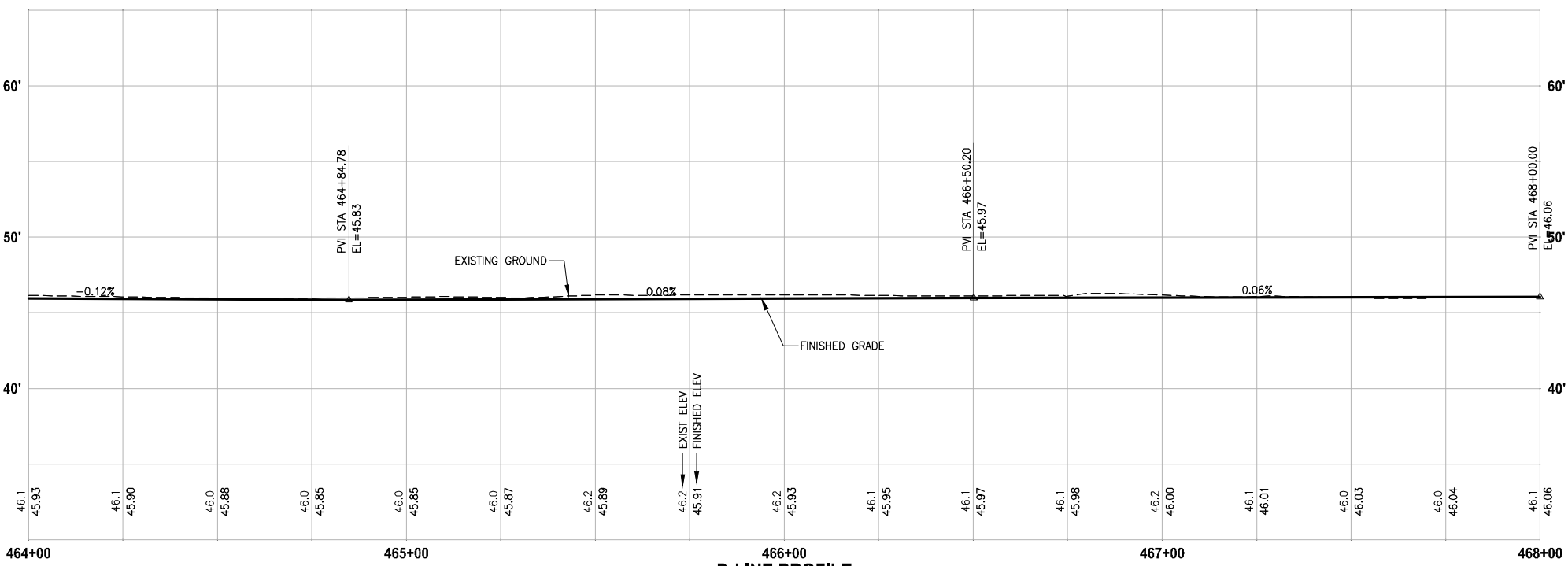
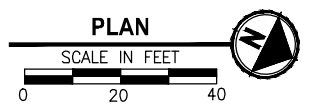
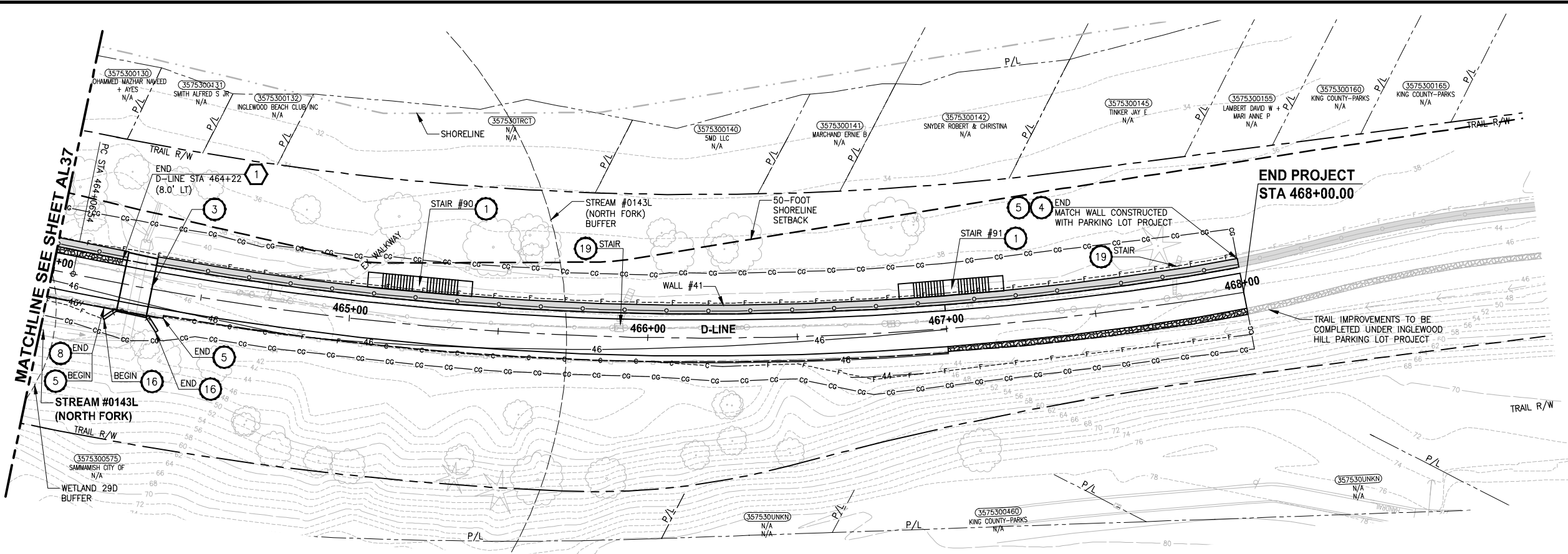
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PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
 90 OF 158
AL37

LAYOUT: AL38
 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995sec\CaAD\Phase 19\T03_Civil\Draw\ PLOTTED BY: purgabat DATE: Friday, July 07, 2017 5:16:23 PM



D-LINE PROFILE
 HORIZ: 1"=20'
 VERT: 1"=5'

- CIVIL CONSTRUCTION NOTES:**
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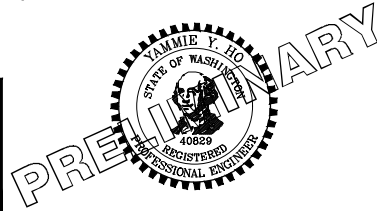
- LEGEND:**
- RETAINING WALL
 - SOLDIER PILE WALL
 - WOOD GUARDRAIL
 - DISPERSION AREA
 - DRIVEWAY REMOVAL
 - LANDING PAD

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

NO.	REVISIONS	DATE	BY	DESIGNED
				M. TSUN
				B. PURGANAN
				P. JOHANNESSEN
				Y. HO

ONE INCH AT FULL SCALE.
 IF NOT, SCALE ACCORDINGLY.
 FILE NAME: BL1521075P19T03AL-04
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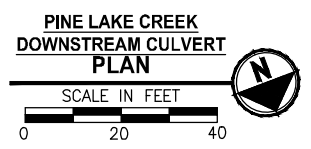
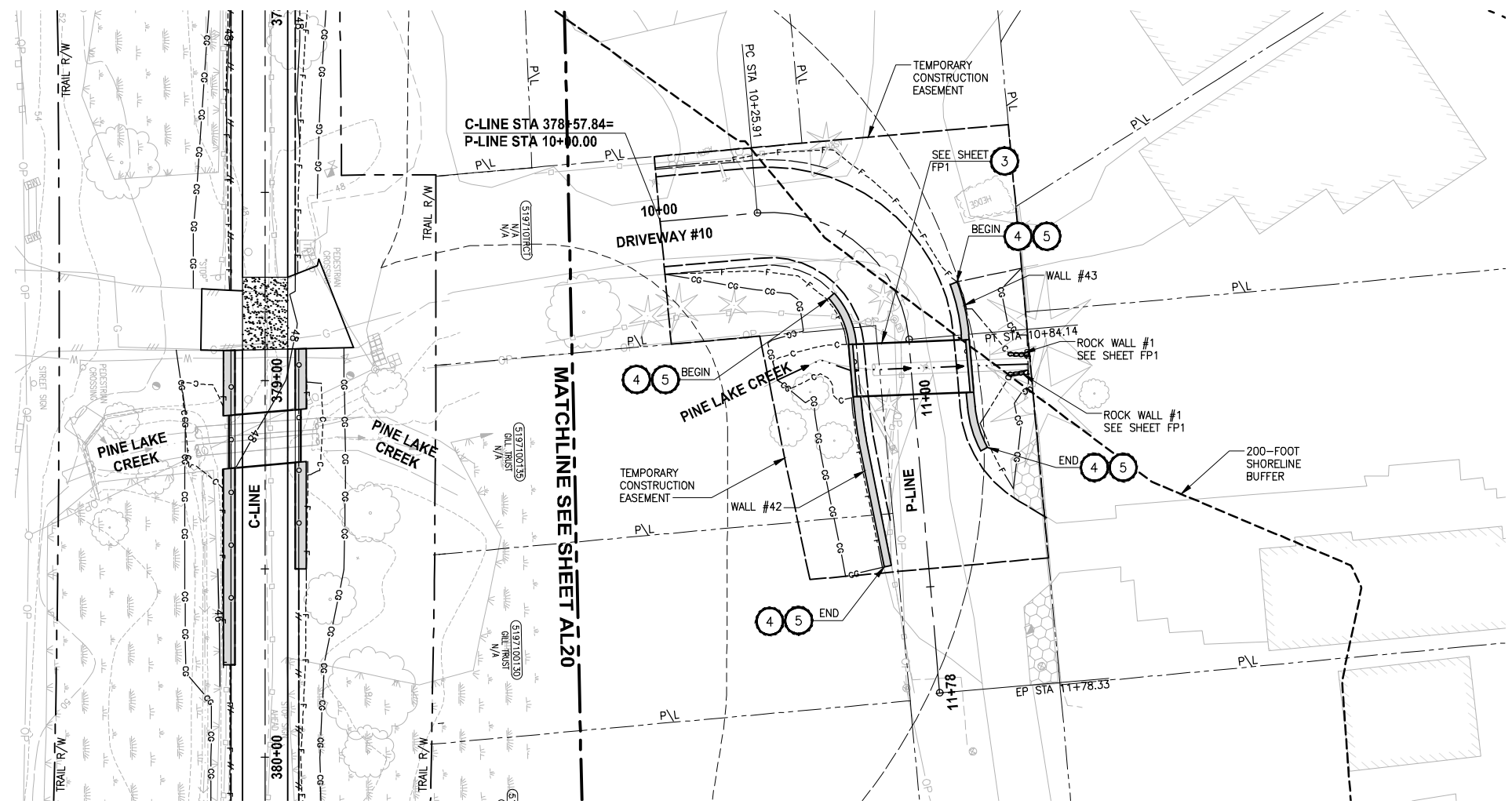
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 P 206.394.3700
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PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
 91 OF 158
AL38

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995sec\CA00\Phase 19\T03_Civil\Draw\ LAYOUT: AL39 PLOTTED BY: purgabut DATE: Friday, July 07, 2017 5:16:39 PM



- CIVIL CONSTRUCTION NOTES:**
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- LEGEND:**
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CITY OF SAMMAMISH APPROVAL

City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
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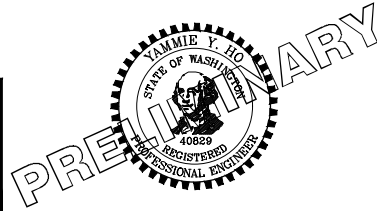
REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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FILE NAME
BL1521075P19T03AL-04

JOB No.
554-1521-075 P19 T03

DATE
JULY 2017



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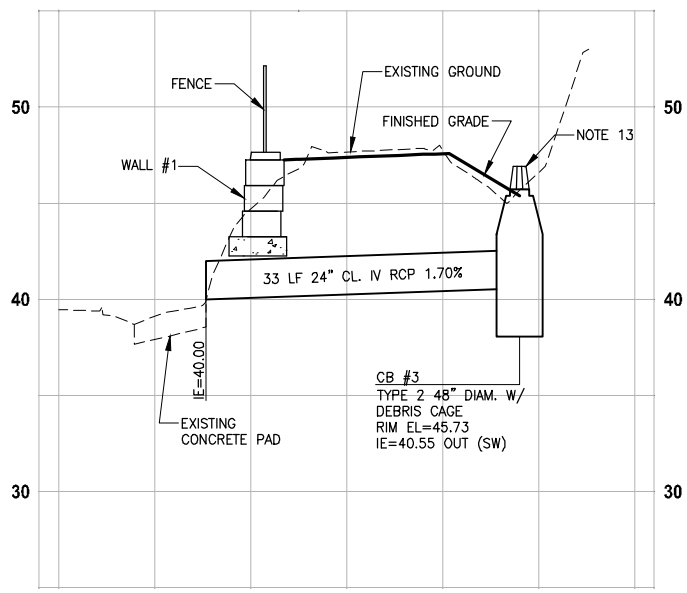
PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
92 OF 158

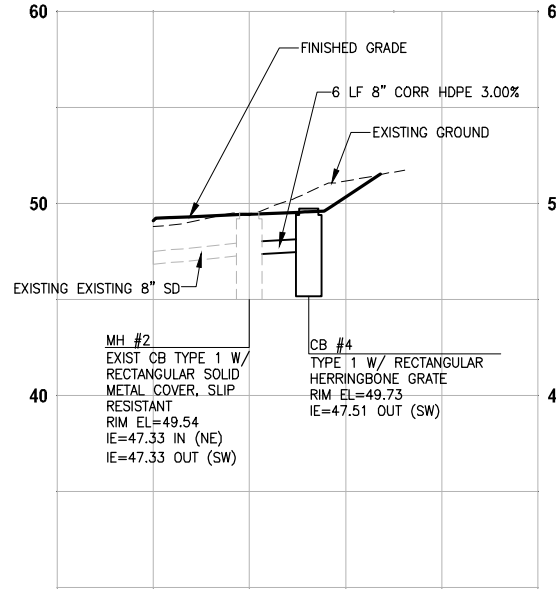
AL39

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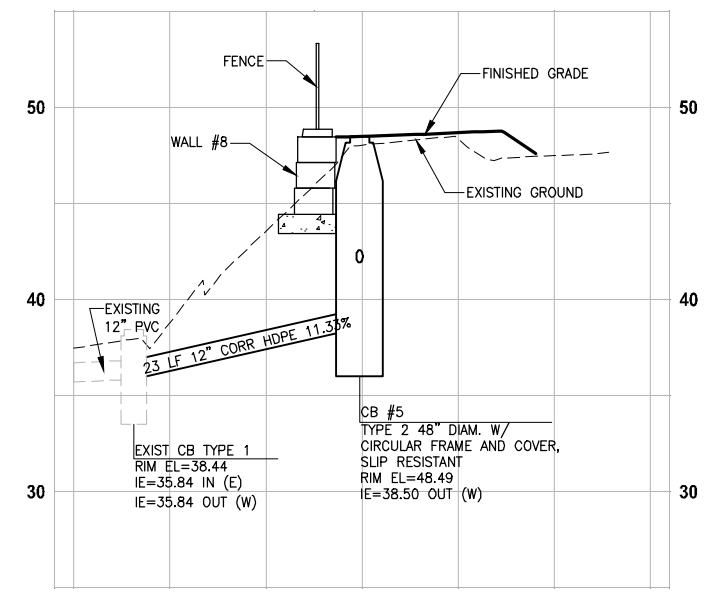
PROFILE - STA 290+30

HORIZ: 1"=10'
VERT: 1"=5'



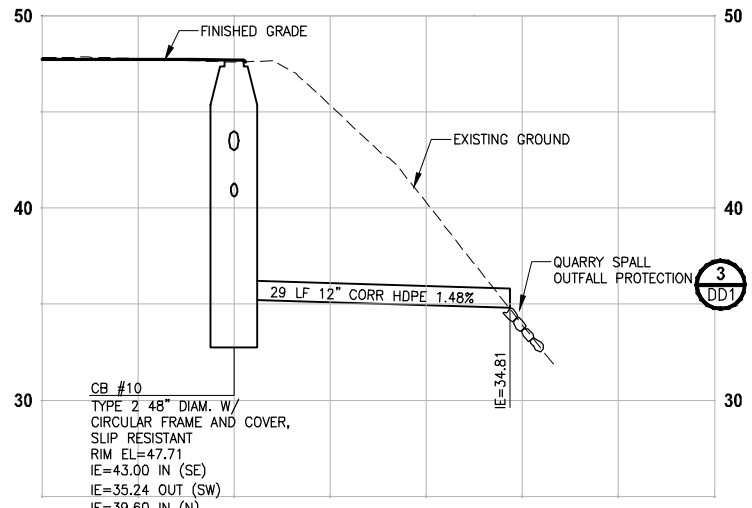
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VERT: 1"=5'



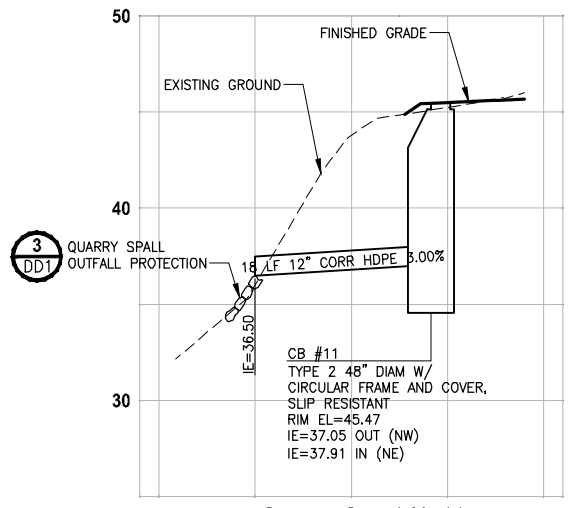
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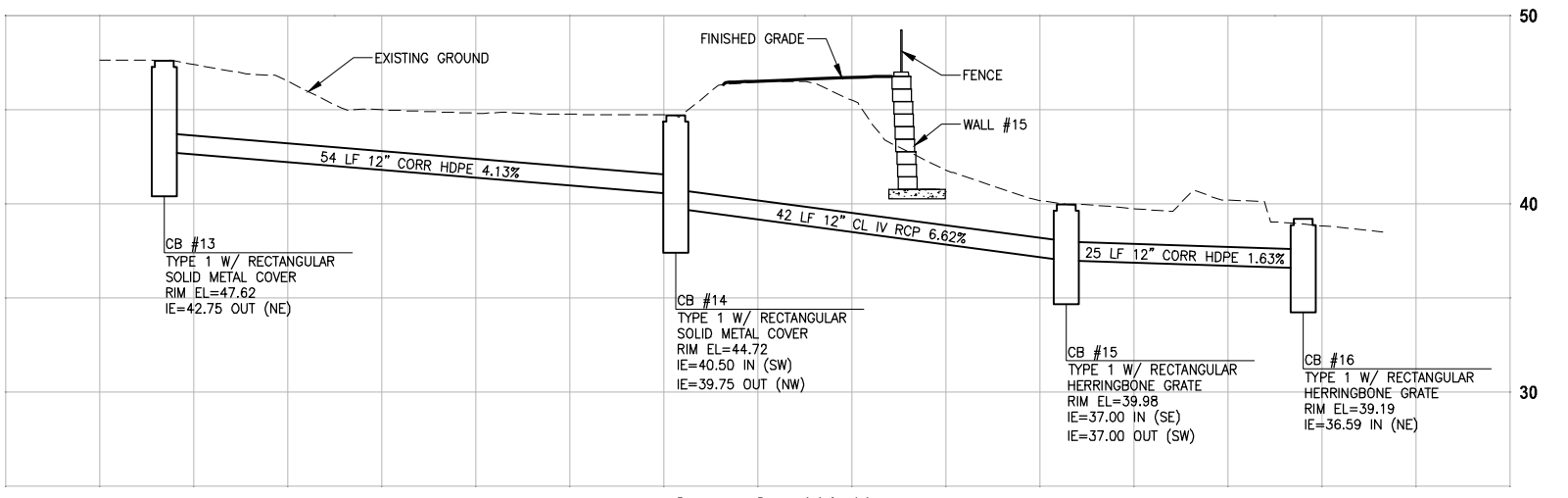
PROFILE - STA 328+65

HORIZ: 1"=10'
VERT: 1"=5'



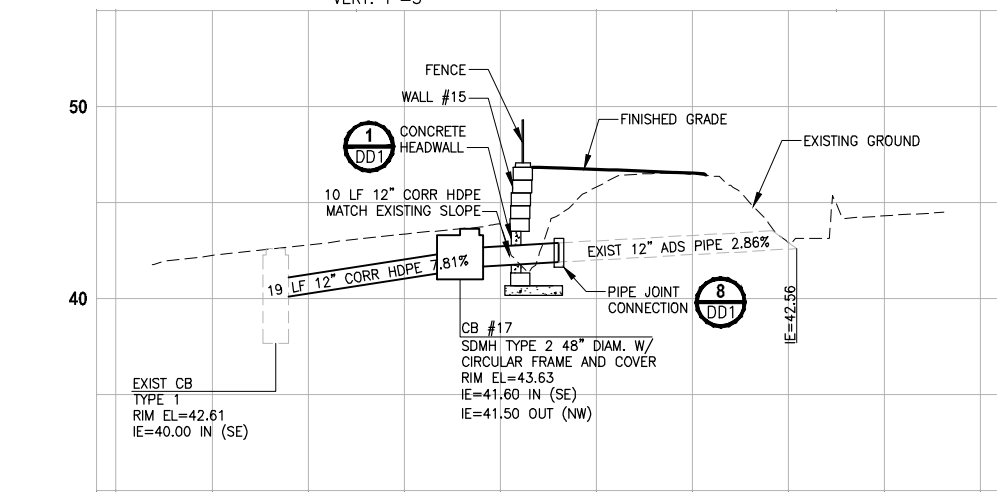
PROFILE - STA 342+00

HORIZ: 1"=10'
VERT: 1"=5'



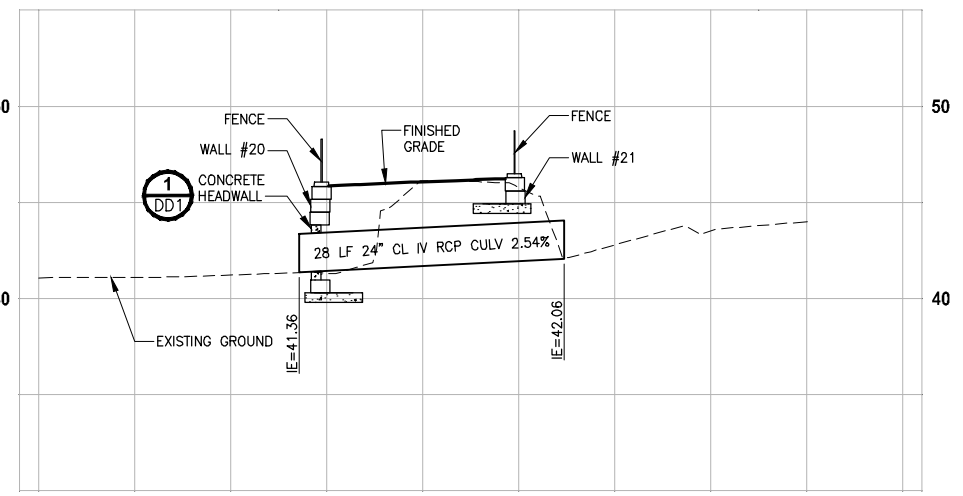
PROFILE - STA 361+60

HORIZ: 1"=10'
VERT: 1"=5'



PROFILE - STA 367+00

HORIZ: 1"=10'
VERT: 1"=5'



PROFILE - STA 384+25

HORIZ: 1"=10'
VERT: 1"=5'

GENERAL NOTES:

- CULVERTS SHALL HAVE BEVELED END SECTIONS PER 2007 KCRS FIG. 7-001.
- STRUCTURE OFFSETS ARE MEASURED TO CENTER OF GRATE.
- CATCH BASIN TYPE 1 SHALL BE PER 2007 KCRS FIG. 7-003.
- CATCH BASIN TYPE 2 SHALL BE PER 2007 KCRS FIG. 7-005 AND FIG. 7-006.
- CIRCULAR FRAME (RING) AND COVER SHALL BE PER 2007 KCRS FIG. 7-022, AND FIG. 7-023.
- RECTANGULAR SOLID METAL COVER SHALL BE PER 2007 KCRS FIG. 7-014 AND FIG. 7-015.
- CL IV RCP = CLASS IV REINFORCED CONCRETE STORM SEWER PIPE.
- CORR HDPE = CORRUGATED HIGH DENSITY POLYETHYLENE STORM SEWER PIPE.
- RECTANGULAR HERRINGBONE GRATES SHALL BE PER 2007 KCRS FIG. 7-013.
- MH TYPE 3 SHALL BE PER 2007 KCRS FIG. 7-009.
- CIRCULAR GRATE SHALL BE PER WSDOT STANDARD PLAN B-30.80-00.
- CONCRETE COLLAR SHALL BE PER WSDOT STANDARD PLAN B-60.20-00.
- DEBRIS CAGE SHALL BE PER 2007 KCRS FIG. 7-028.

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
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REVISIONS	DATE	BY	DESIGNED
			C. BUIRAGO
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P19T03SD-01
 JOB No: 554-1521-075 P19 T03
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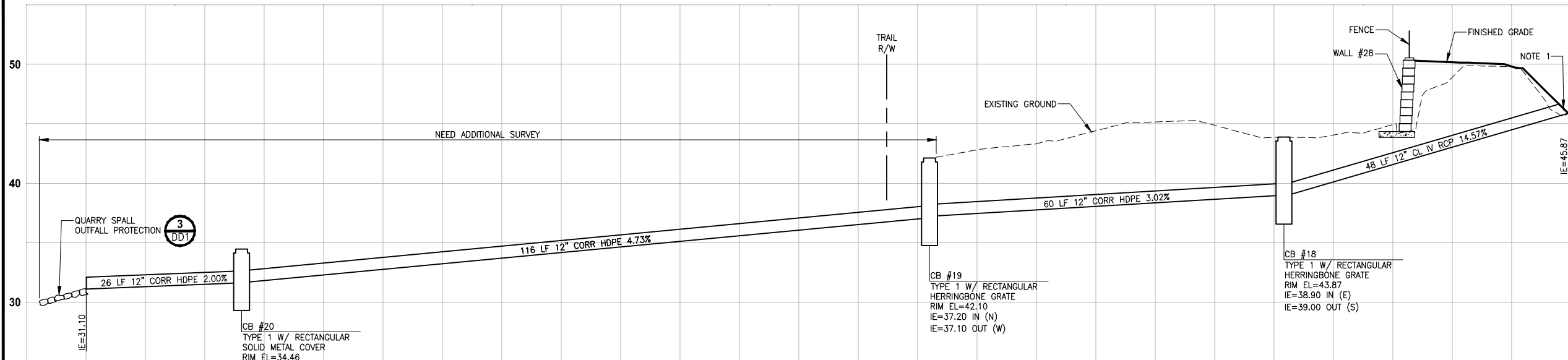
PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

**STORM DRAINAGE PROFILES
 AND SECTIONS**

SHEET NO.
 93 OF 158
SD1

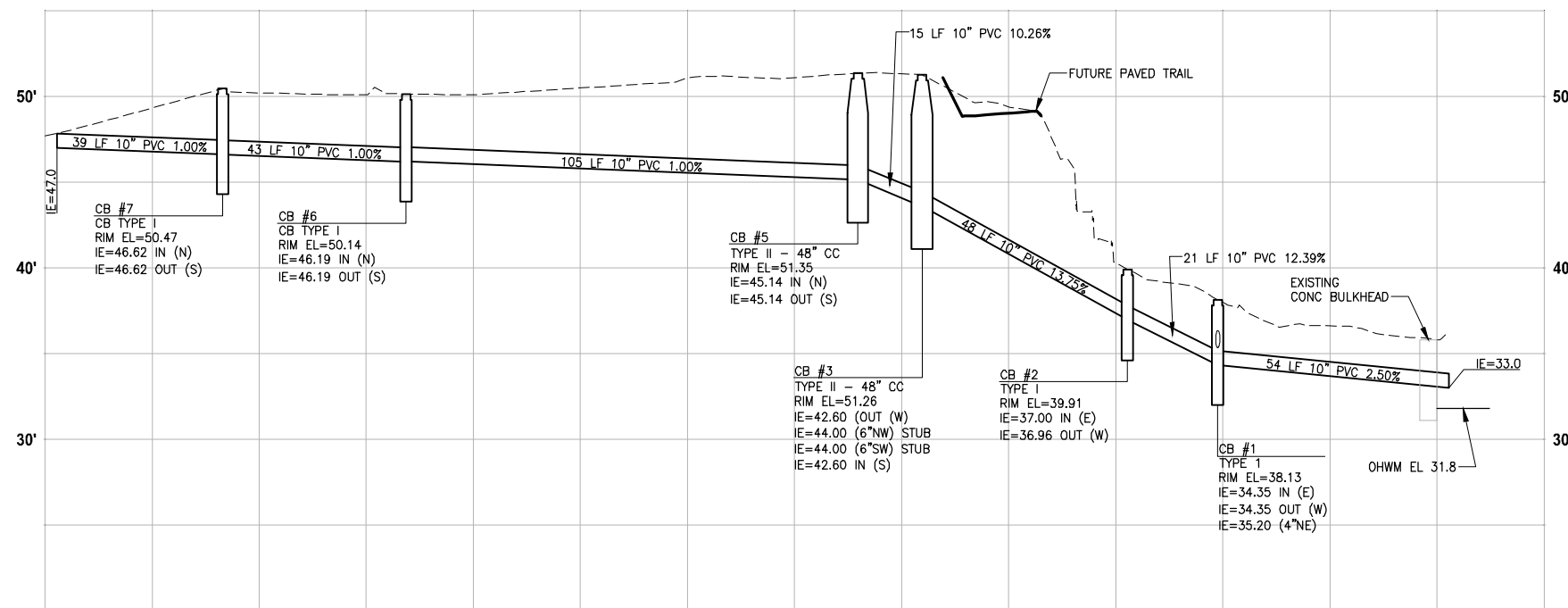
GENERAL NOTES:

- CULVERTS SHALL HAVE BEVELED END SECTIONS PER 2007 KCRS FIG. 7-001.
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- CIRCULAR GRATE SHALL BE PER WSDOT STANDARD PLAN B-30.80-00.
- CONCRETE COLLAR SHALL BE PER WSDOT STANDARD PLAN B-60.20-00.
- DEBRIS CAGE SHALL BE PER 2007 KCRS FIG. 7-028.



PROFILE - STA 436+30

HORIZ: 1"=10'
VERT: 1"=5'



PROFILE - STA 457+85

HORIZ: 1"=20'
VERT: 1"=5'

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

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LAYOUT: SD2
 PATH: U:\PSO\Projects\Clients\1521-075-ELST\99Svcs\CADD\Phase 19\T03_Civil\Draw\ PLOTTED BY: purgaban DATE: Monday, July 10, 2017 12:07:02 PM

REVISIONS	DATE	BY	DESIGNED
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			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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FILE NAME: BL1521075P19T03SD-01
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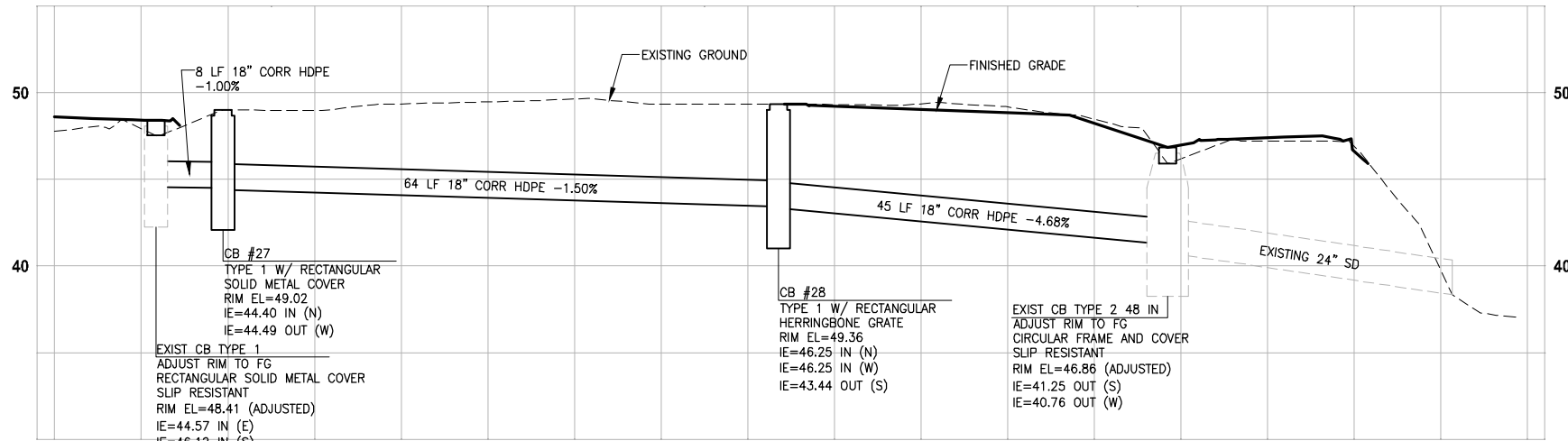
PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

STORM DRAINAGE PROFILES AND SECTIONS

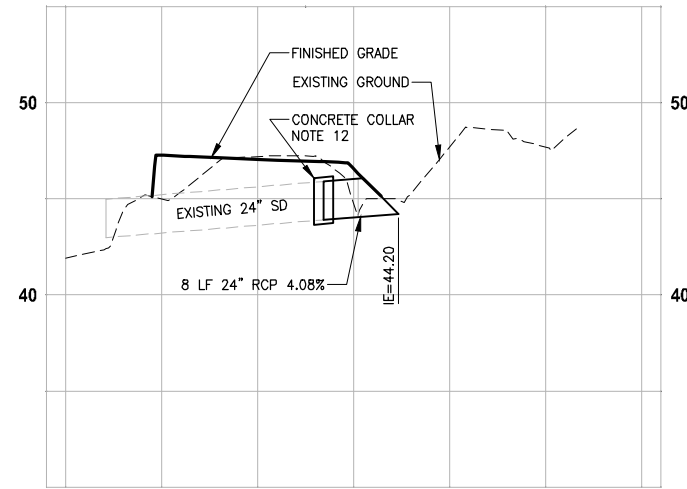
SHEET NO.
94 OF 158

SD2

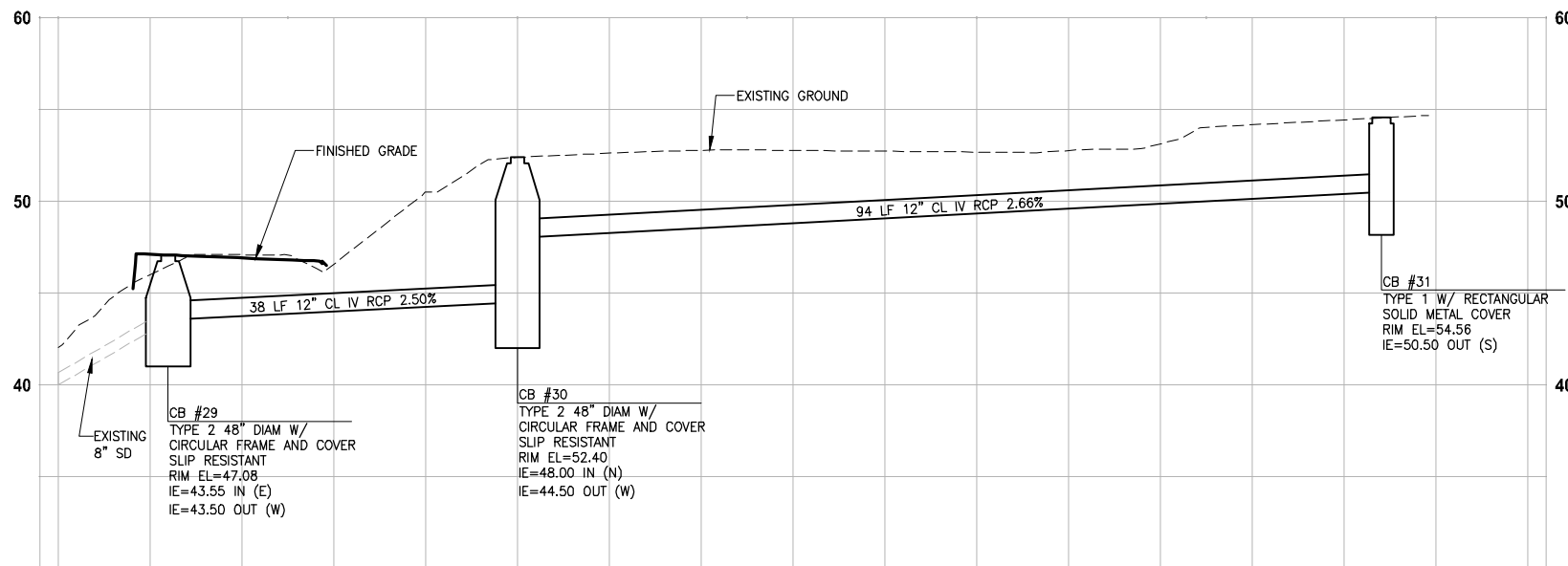
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PROFILE - STA 452+80
 HORIZ: 1"=10'
 VERT: 1"=5'



PROFILE - STA 455+75
 HORIZ: 1"=10'
 VERT: 1"=5'



PROFILE - STA 456+25
 HORIZ: 1"=10'
 VERT: 1"=5'

GENERAL NOTES:

1. CULVERTS SHALL HAVE BEVELED END SECTIONS PER 2007 KCRS FIG. 7-001.
2. STRUCTURE OFFSETS ARE MEASURED TO CENTER OF GRATE.
3. CATCH BASIN TYPE 1 SHALL BE PER 2007 KCRS FIG. 7-003.
4. CATCH BASIN TYPE 2 SHALL BE PER 2007 KCRS FIG. 7-005 AND FIG. 7-006.
5. CIRCULAR FRAME (RING) AND COVER SHALL BE PER 2007 KCRS FIG. 7-022, AND FIG. 7-023.
6. RECTANGULAR SOLID METAL COVER SHALL BE PER 2007 KCRS FIG. 7-014 AND FIG. 7-015.
7. CL IV RCP = CLASS IV REINFORCED CONCRETE STORM SEWER PIPE.
8. CORR HDPE = CORRUGATED HIGH DENSITY POLYETHYLENE STORM SEWER PIPE.
9. RECTANGULAR HERRINGBONE GRATES SHALL BE PER 2007 KCRS FIG. 7-013.
10. MH TYPE 3 SHALL BE PER 2007 KCRS FIG. 7-009.
11. CIRCULAR GRATE SHALL BE PER WSDOT STANDARD PLAN B-30.80-00.
12. CONCRETE COLLAR SHALL BE PER WSDOT STANDARD PLAN B-60.20-00.
13. DEBRIS CAGE SHALL BE PER 2007 KCRS FIG. 7-028.

CITY OF SAMMAMISH APPROVAL	
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Community Development _____	Date _____

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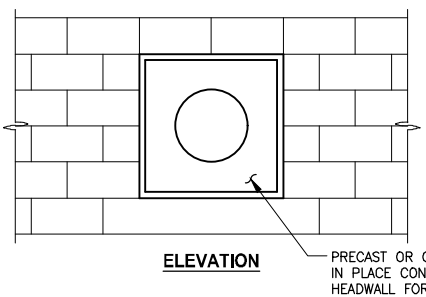
PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

STORM DRAINAGE PROFILES AND SECTIONS

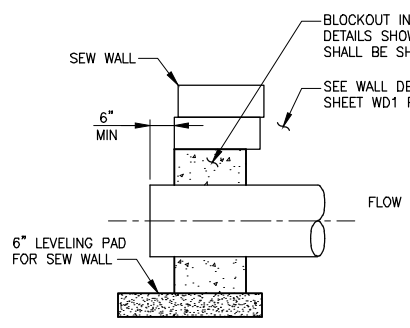
SHEET NO.
 95 OF 158
SD3

PATH: U:\PSO\Projects\Clients\1521-075-ELST\985\CA00\Phase 19\T03_Civil\Draw\ PLOTTED BY: purgaban DATE: Friday, July 07, 2017 5:19:21 PM
 LAYOUT: DD1

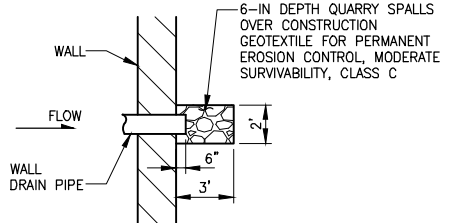
- NOTES:**
- FOR SEW WALLS SEE SHEET WD1.
 - CONCRETE HEADWALL FOR PIPE SHALL BE AT LEAST 6-INCHES THICK IN EACH DIMENSION AND CONSTRUCTED OF COMMERCIAL CONCRETE. DETAIL SHALL BE PROVIDED BY WALL MANUFACTURER.



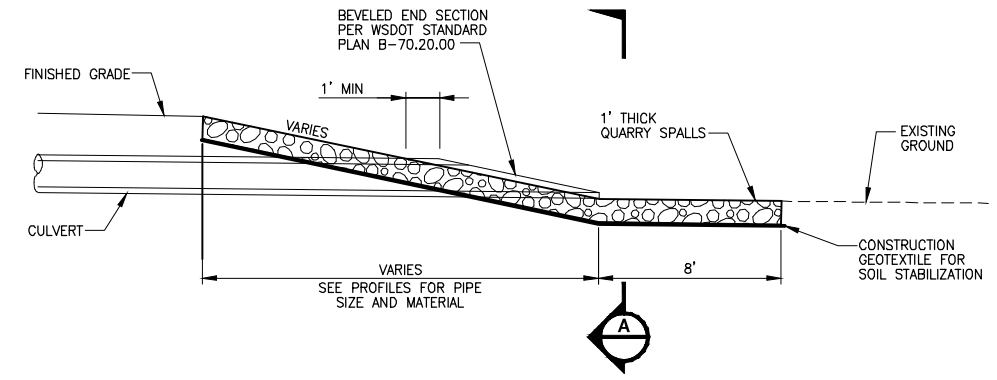
**CONCRETE HEADWALL FOR STRUCTURAL EARTH WALL
DETAIL 1**
NO SCALE



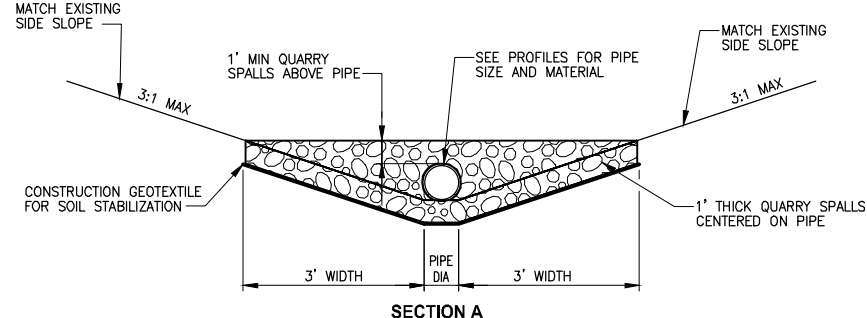
SECTION A



**ROCK PAD
DETAIL 2**
NO SCALE



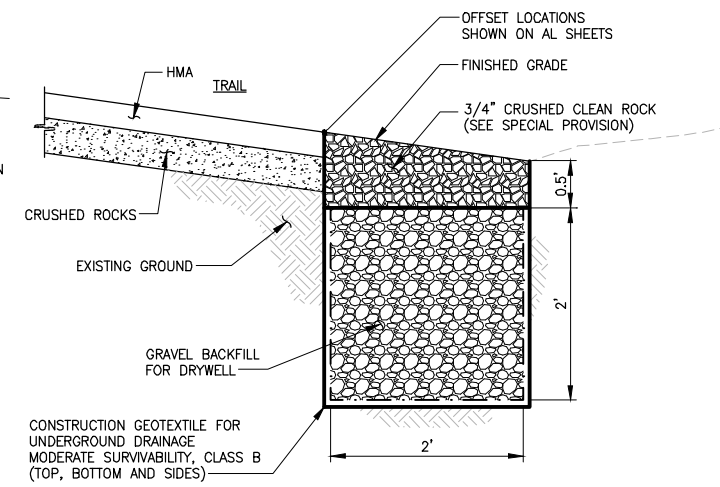
**QUARRY SPALL OUTFALL PROTECTION
DETAIL 3**
NO SCALE



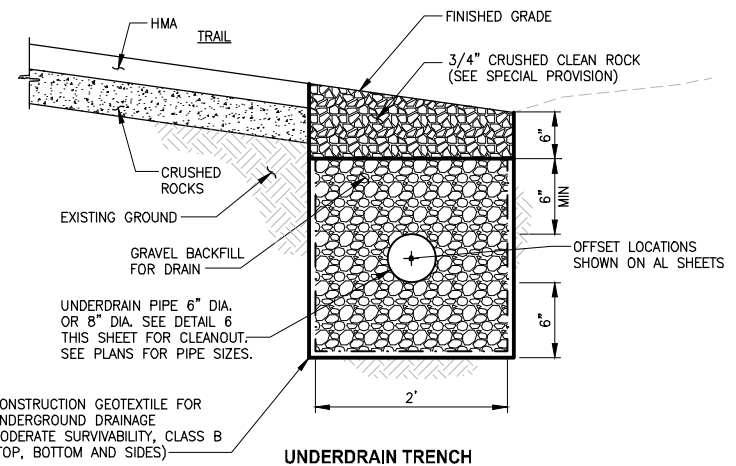
SECTION A

GENERAL NOTE:

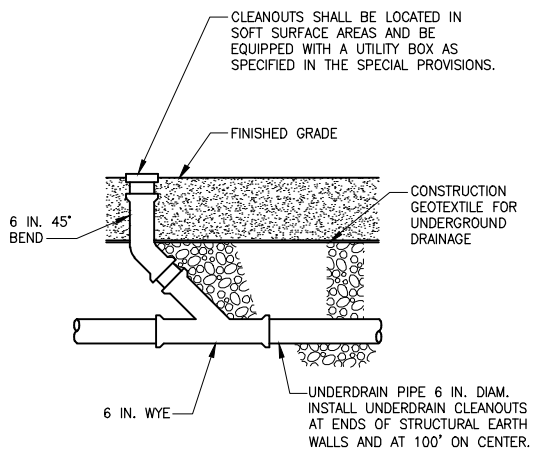
- PROTECT INFILTRATION TRENCHES AND UNDERDRAIN TRENCHES FROM SEDIMENTATION DURING CONSTRUCTION.



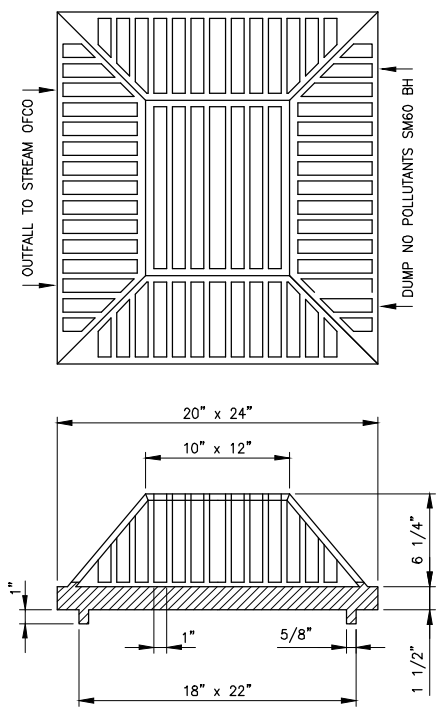
**INFILTRATION TRENCH
DETAIL 4**
NO SCALE



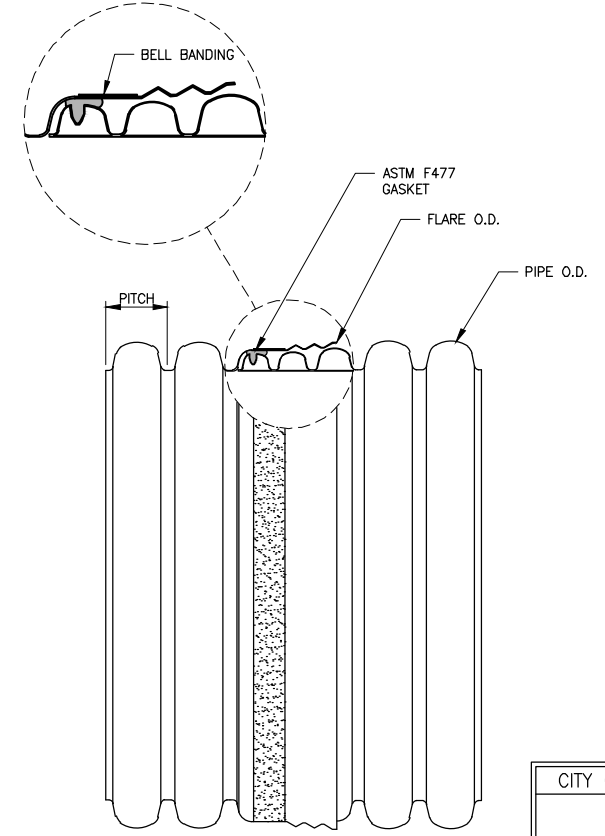
**UNDERDRAIN TRENCH
DETAIL 5**
NO SCALE



**UNDERDRAIN TRENCH CLEANOUT
DETAIL 6**
NO SCALE



**BEEHIVE GRATE
DETAIL 7**
NO SCALE



**PIPE JOINT CONNECTION
DETAIL 8**
NO SCALE

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

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NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			C. BUITRAGO
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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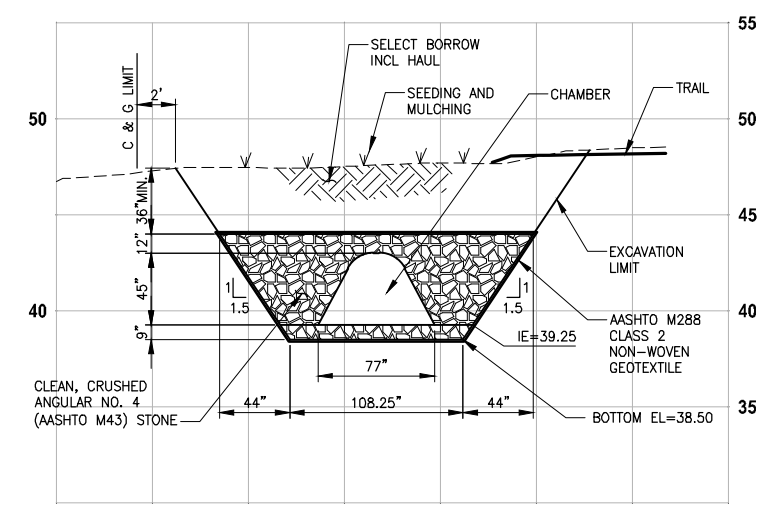
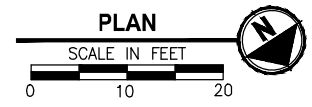
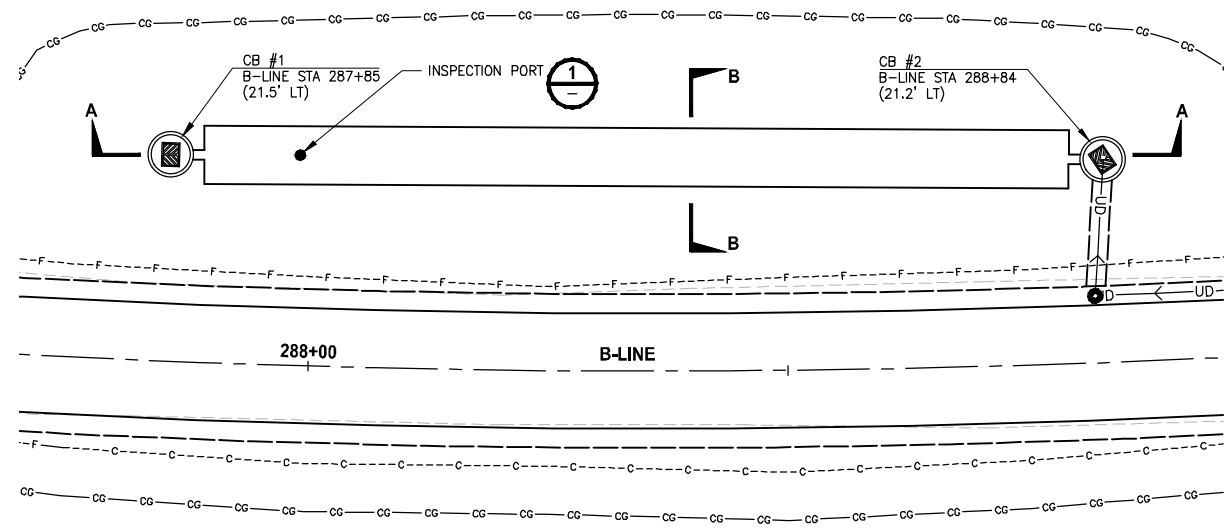
PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

DRAINAGE DETAILS

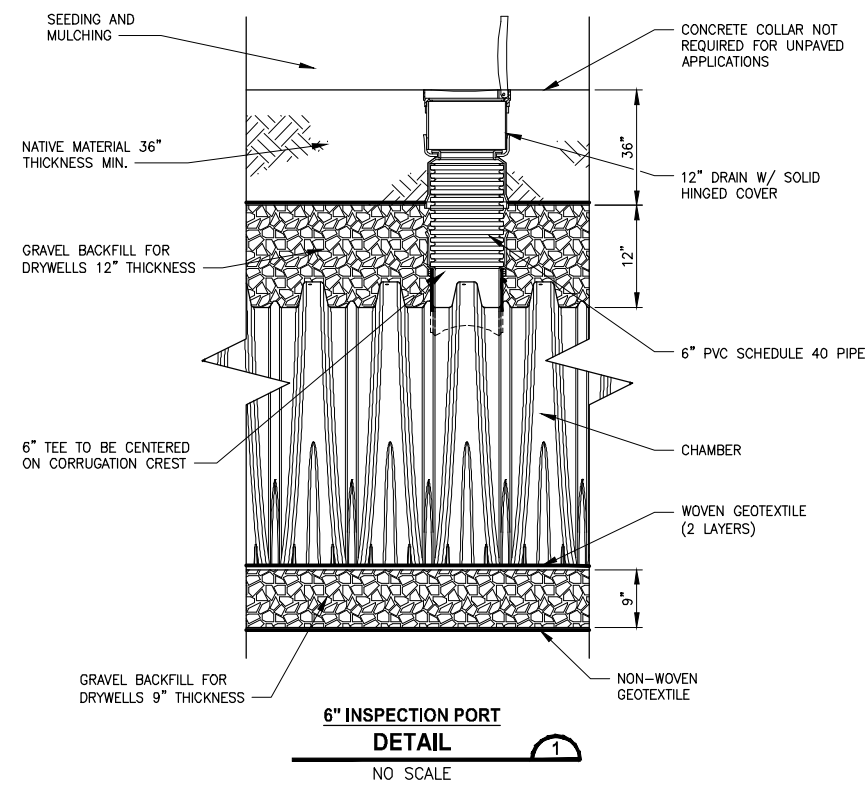
SHEET NO.
96 OF 158

DD1

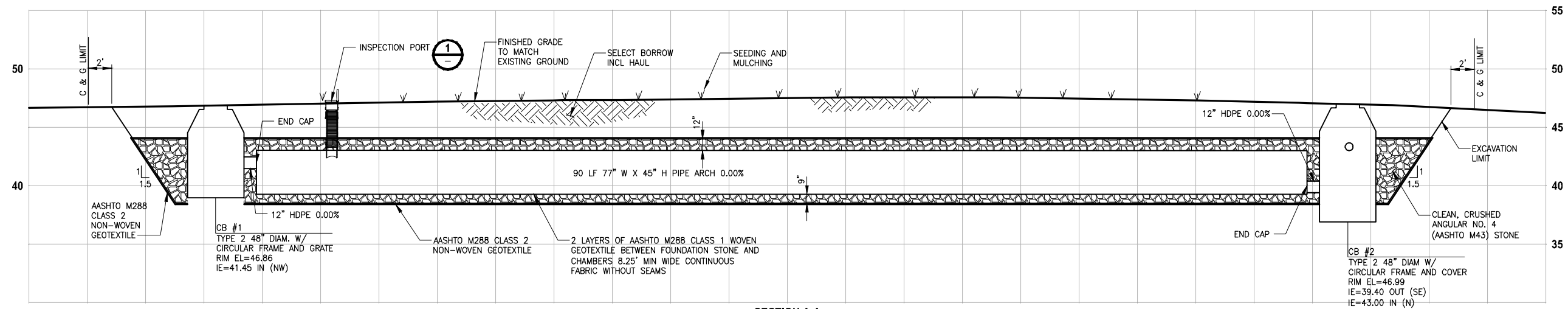
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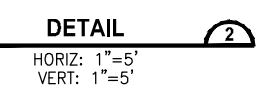
SECTION B-B



6" INSPECTION PORT
DETAIL
NO SCALE



SECTION A-A



STORMWATER CHAMBER SPECIFICATIONS:

- CHAMBERS SHALL CONFORM TO REQUIREMENTS OF ASTM F2418 "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS."
- CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS."
- CHAMBER SHALL PROVIDE CONTINUOUS, UNOBSTRUCTED INTERNAL SPACE WITH NO INTERNAL SUPPORT PANELS THAT WOULD IMPEDE FLOW OR LIMIT ACCESS FOR INSPECTION.
- ONLY CHAMBERS THAT ARE APPROVED BY THE SITE DESIGN ENGINEER WILL BE ALLOWED. THE CHAMBER MANUFACTURER SHALL SUBMIT THE FOLLOWING UPON REQUEST TO THE SITE DESIGN ENGINEER FOR APPROVAL BEFORE DELIVERING CHAMBERS TO THE PROJECT SITE:
 - A STRUCTURAL EVALUATION SEALED BY A REGISTERED PROFESSIONAL ENGINEER THAT DEMONSTRATES THAT THE SAFETY FACTORS ARE GREATER THAN OR EQUAL TO 1.95 FOR DEAD LOAD AND 1.75 FOR LIVE LOAD, THE MINIMUM REQUIRED BY ASTM F2787 AND BY AASHTO FOR THERMOPLASTIC PIPE.
 - A STRUCTURAL EVALUATION SEALED BY A REGISTERED PROFESSIONAL ENGINEER THAT DEMONSTRATES THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 12.12, ARE MET. THE 50 YEAR CREEP MODULUS DATA SPECIFIED IN ASTM F2418 MUST BE USED AS PART OF THE AASHTO STRUCTURAL EVALUATION TO VERIFY LONG-TERM PERFORMANCE.
 - STRUCTURAL CROSS SECTION DETAIL ON WHICH THE STRUCTURAL EVALUATION IS BASED.
- CHAMBERS AND END CAPS SHALL BE PRODUCED AT AN ISO 9001 CERTIFIED MANUFACTURING FACILITY.

NOTES FOR CONSTRUCTION EQUIPMENT:

- CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S CONSTRUCTION GUIDE.
- THE USE OF EQUIPMENT OVER CHAMBERS IS LIMITED:
 - NO EQUIPMENT IS ALLOWED ON BARE CHAMBERS.
 - NO RUBBER Tired LOADER, DUMP TRUCK, OR EXCAVATORS ARE ALLOWED UNTIL PROPER FILL DEPTHS ARE REACHED IN ACCORDANCE WITH THE MANUFACTURER'S CONSTRUCTION GUIDE.
 - WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT CAN BE FOUND IN THE MANUFACTURER'S CONSTRUCTION GUIDE.
- FULL 36" (900 mm) OF STABILIZED COVER MATERIALS OVER THE CHAMBERS IS REQUIRED FOR DUMP TRUCK TRAVEL OR DUMPING.
- USE OF A DOZER TO PUSH EMBEDMENT STONE AROUND THE CHAMBERS MAY CAUSE DAMAGE TO CHAMBERS AND IS NOT AN ACCEPTABLE BACKFILL METHOD. ANY CHAMBERS DAMAGED BY USING A "DUMP AND PUSH" METHOD MUST BE REPLACED AT THE FULL RESPONSIBILITY OF THE CONTRACTOR.

BACKFILL AND COMPACTION NOTES:

- FOR 9" CLEAN, CRUSHED, ANGULAR STONE BELOW CHAMBERS, PLATE COMPACT OR ROLL TO ACHIEVE 95% STANDARD PROCTOR DENSITY.
- NO COMPACTION REQUIRED FOR GRAVEL BACKFILL FOR DRYWELLS PLACED AROUND AND 12-INCH DEPTH OVER CHAMBERS.
- GRAVEL BACKFILL FOR DRYWELLS PLACED AROUND AND 12-INCH DEPTH OVER CHAMBERS MUST ALWAYS BE BROUGHT UP EVENLY WITH BACKFILL OF BED. MATERIAL MUST EXTEND HORIZONTALLY TO THE EXCAVATION WALL FOR EITHER STRAIGHT OR SLOPED EXCAVATED SIDEWALLS.
- BEGIN COMPACTIONS AFTER 24" OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 12" MAX LIFTS TO A MIN 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS.

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

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			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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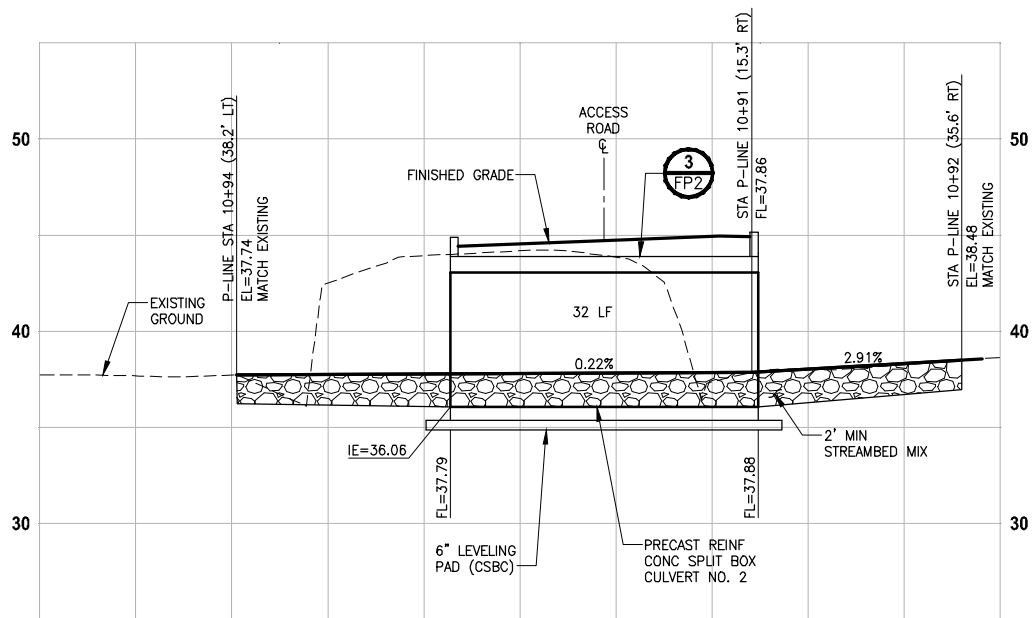
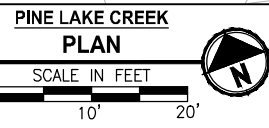
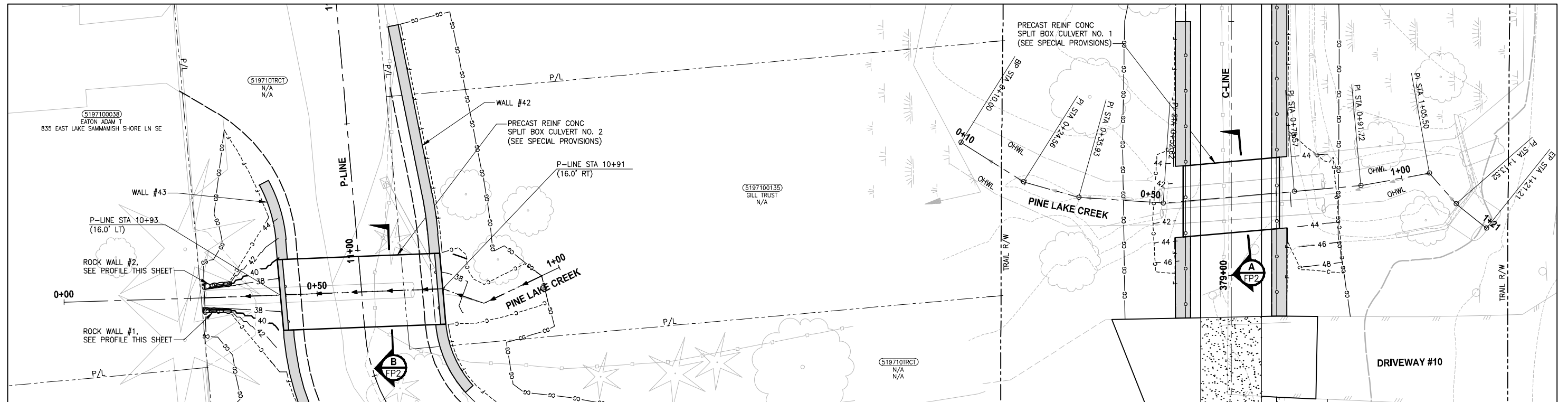
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PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

DRAINAGE DETAILS

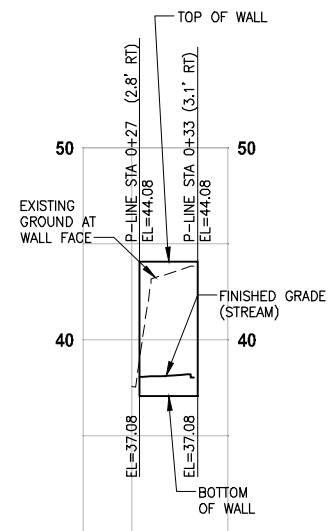
SHEET NO.
97 OF 158
DD2

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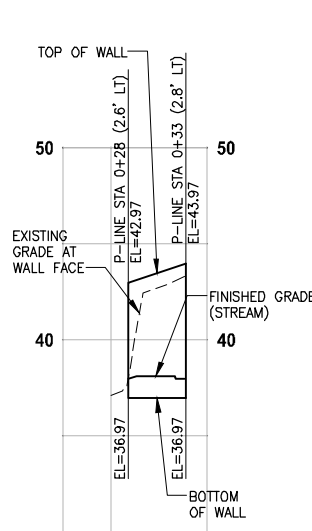
PINE LAKE CREEK 2
PROFILE P-LINE STA 10+92

HORIZ: 1"=10'
VERT: 1"=5'



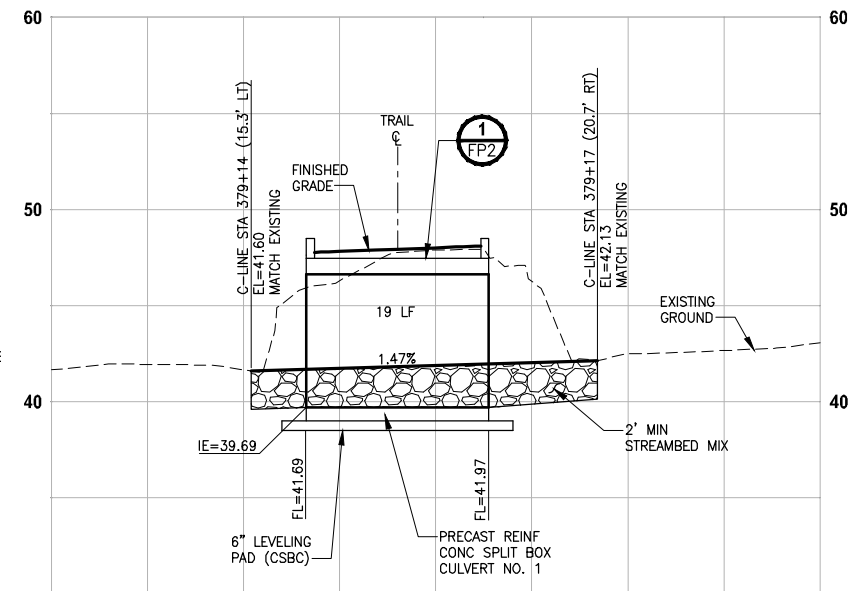
ROCK WALL #1
PROFILE

HORIZ: 1"=10'
VERT: 1"=5'



ROCK WALL #2
PROFILE

HORIZ: 1"=10'
VERT: 1"=5'



PINE LAKE CREEK 1
PROFILE C-LINE STA 379+15

HORIZ: 1"=10'
VERT: 1"=5'

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City Engineer _____	Date _____
Community Development _____	Date _____

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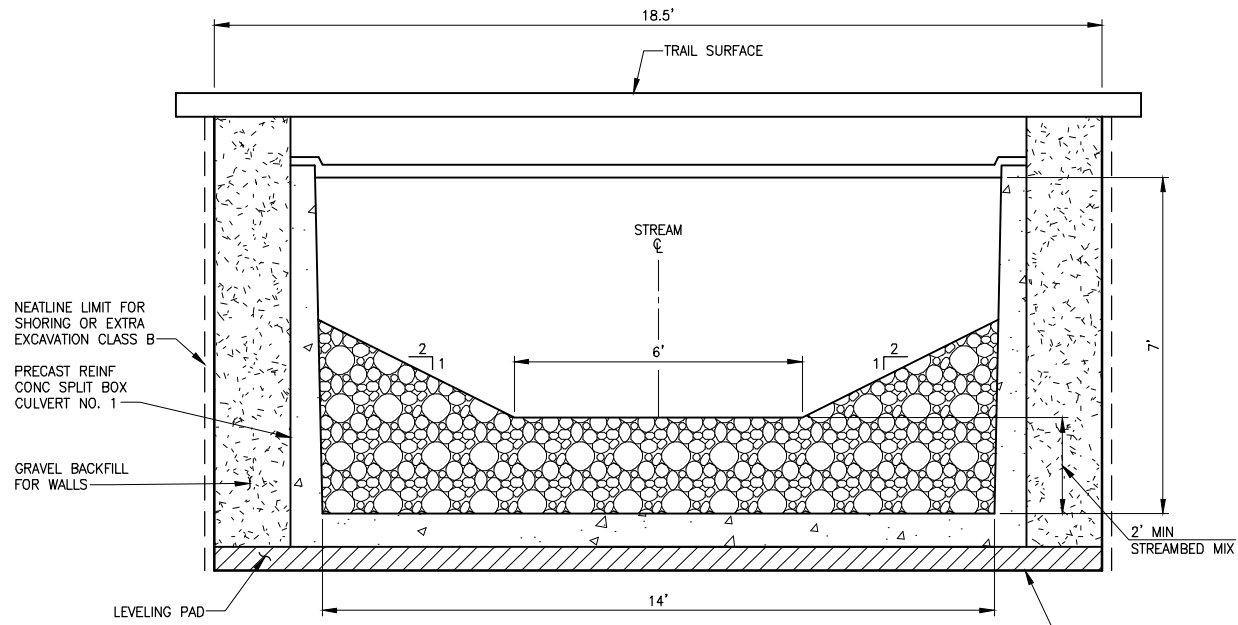
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PROJECT NAME
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MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B
SAMMAMISH, WA

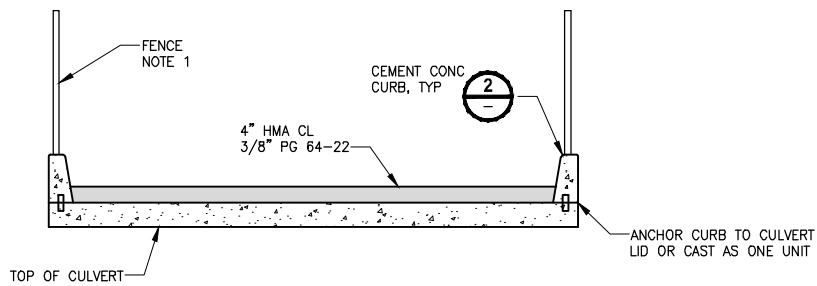
FISH PASSAGE CULVERTS

SHEET NO.
98 OF 158
FP1

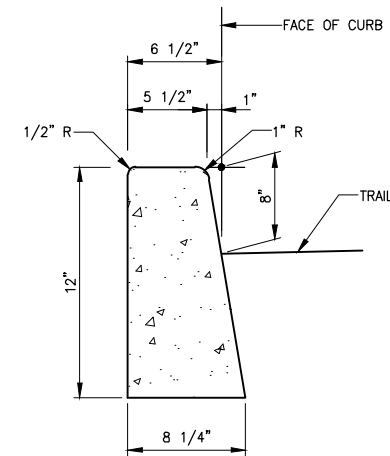
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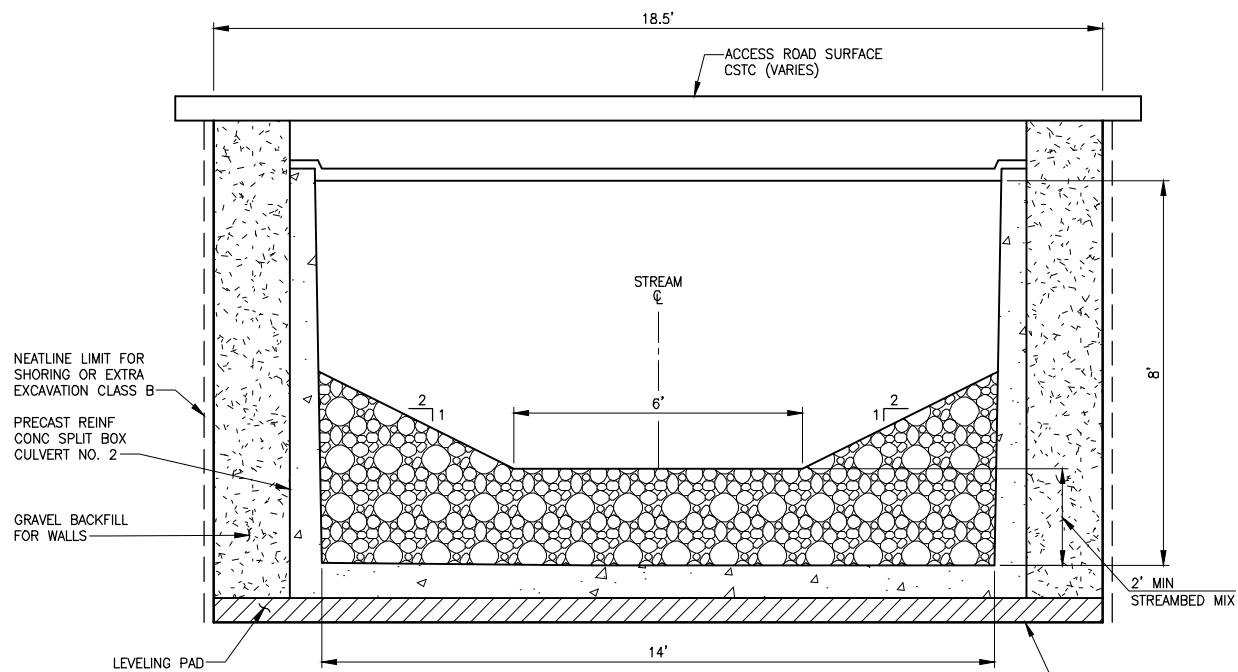
PINE LAKE CREEK 1 (BOX CULVERT NO. 1)
TYPICAL SECTION A
 NO SCALE



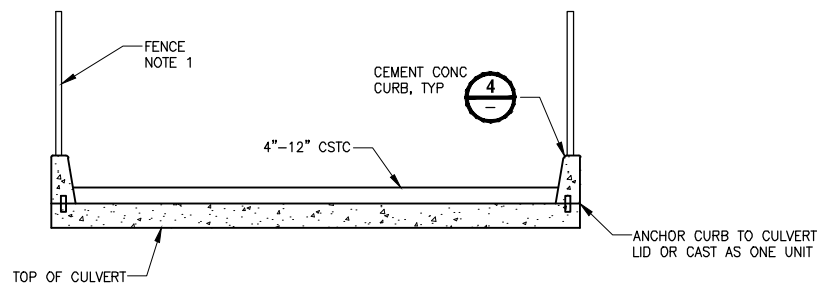
CULVERT COVER DETAIL 1
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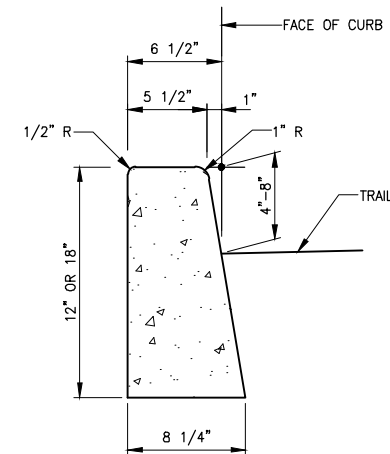
CEMENT CONCRETE CURB DETAIL 2
 NO SCALE



PINE LAKE CREEK 2 (BOX CULVERT NO. 2)
TYPICAL SECTION B
 NO SCALE



CULVERT COVER DETAIL 3
 NO SCALE



CEMENT CONCRETE CURB DETAIL 4
 NO SCALE

NOTES:

- CONSTRUCTION ACTIVITY FOR CULVERTS SHALL NOT OCCUR UNTIL AFTER STRUCTURAL ENGINEERING APPROVAL IS OBTAINED.
- BOX CULVERTS AND STREAM WORK BELOW ORDINARY HIGH WATER LINE SHALL ONLY OCCUR BETWEEN JUNE 16 AND SEPTEMBER 30 PER HPA APPROVAL CONDITIONS IN APPENDIX B OF THE SPECIAL PROVISIONS.

NOTE:

- FENCE SHALL BE IN LINE WITH CURBS. IF FENCE SECTION CANNOT SPAN THE CULVERT, THEN POST SHALL BE PLATE MOUNTED TO CONCRETE CURB.

NOTE:

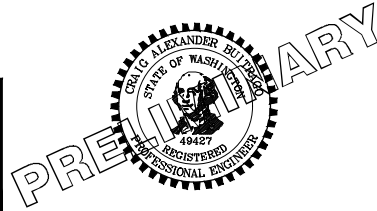
- FENCE SHALL BE IN LINE WITH CURBS. IF FENCE SECTION CANNOT SPAN THE CULVERT, THEN POST SHALL BE PLATE MOUNTED TO CONCRETE CURB.

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
 NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			C. BUIRAGO
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P19T03FP-01
 JOB No.: 554-1521-075 P19 T03
 DATE: JULY 2017



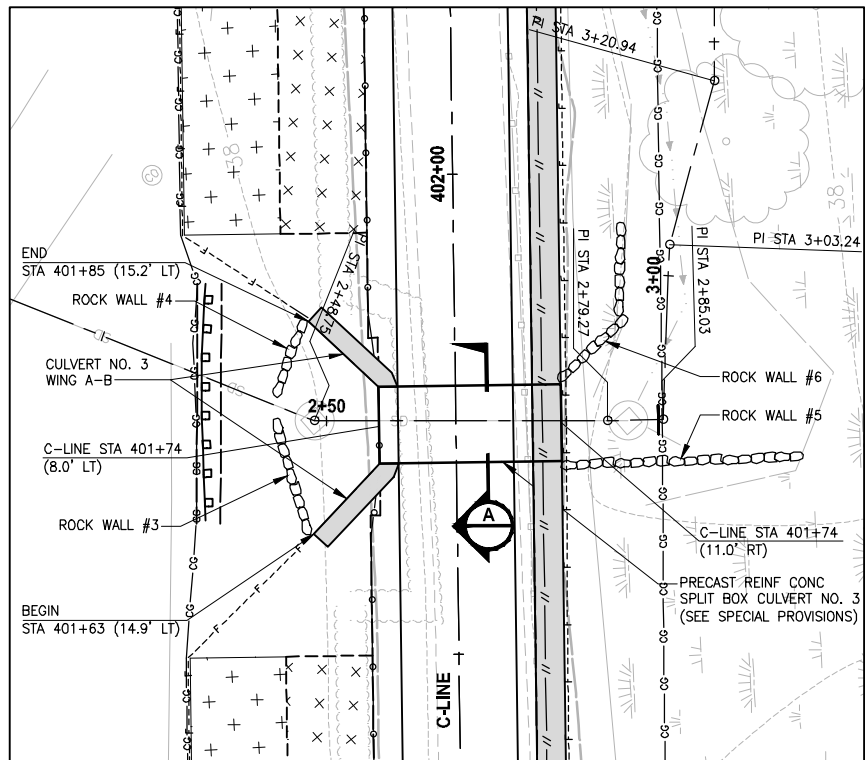
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 719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
 P 206.394.3700
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

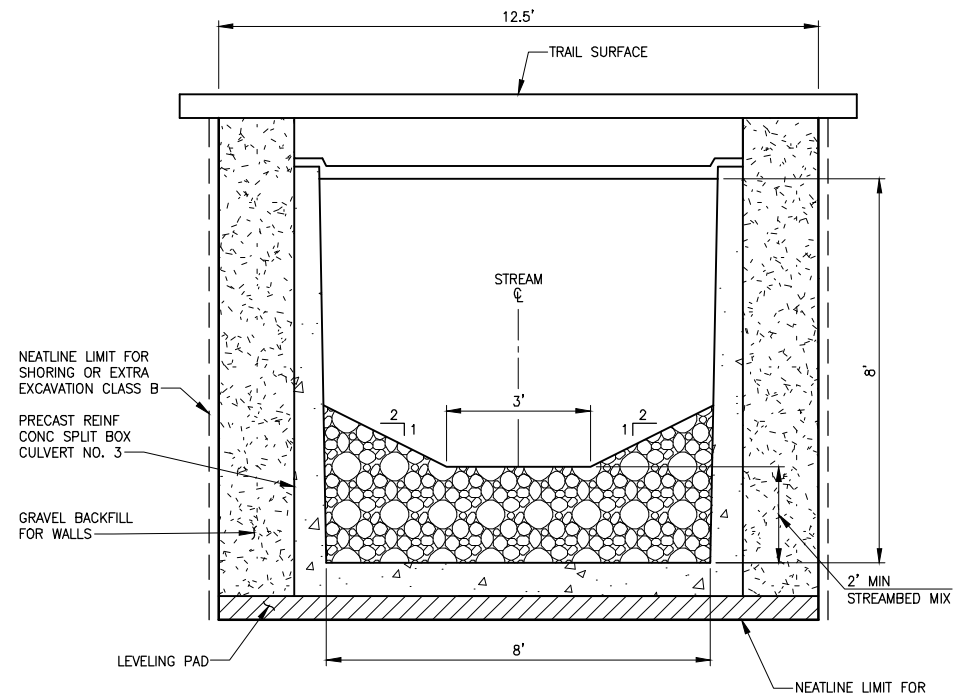
FISH PASSAGE CULVERTS

SHEET NO.
 99 OF 158
FP2

LAYOUT: FP3
 PATH: U:\P50\Projects\Clients\1521-075-ELST\99\Specs\CA000\Phase 19\T03 CIV\Drawg\
 PLOTTED BY: purgaban DATE: Friday, July 07, 2017 5:21:33 PM

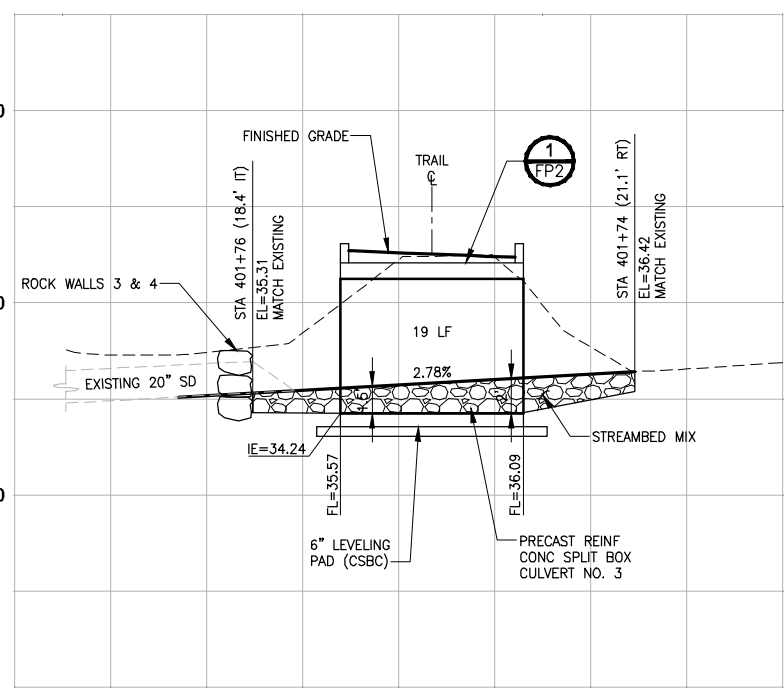


**STREAM #0155
 PLAN**
 SCALE IN FEET
 0 10' 20'

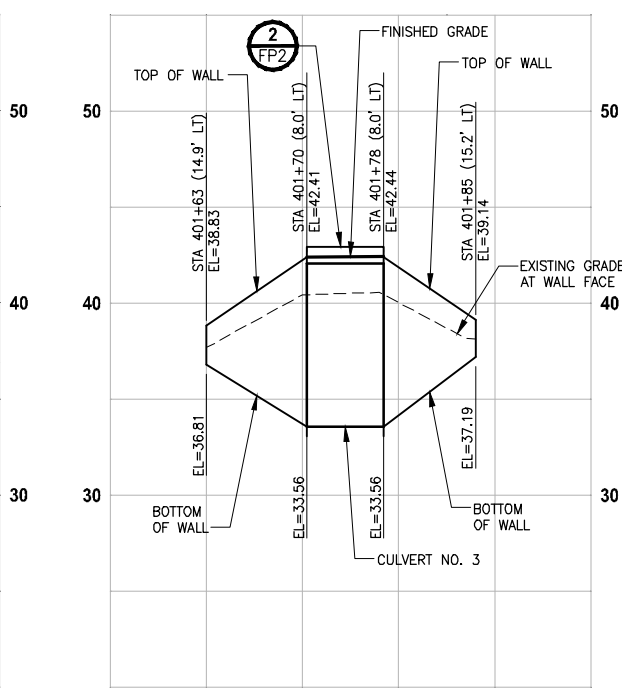


**STREAM #0155 (BOX CULVERT NO. 3)
 TYPICAL SECTION A**
 NO SCALE

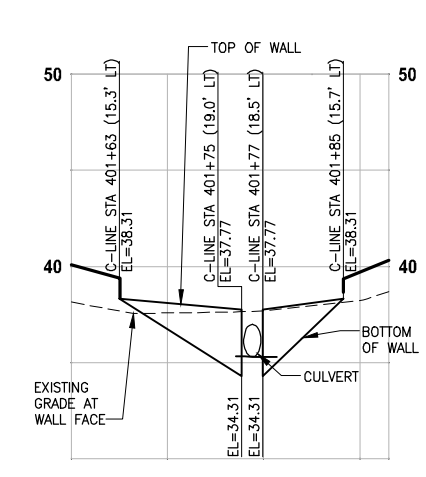
- NOTES:**
- CONSTRUCTION ACTIVITY FOR CULVERTS SHALL NOT OCCUR UNTIL AFTER STRUCTURAL ENGINEERING APPROVAL IS OBTAINED.
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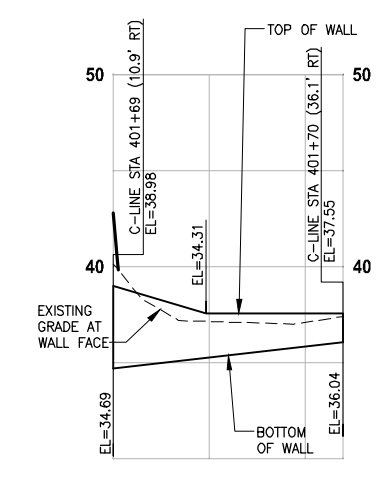
**STREAM #0155
 PROFILE B-LINE STA 401+75**
 HORIZ: 1"=10'
 VERT: 1"=5'



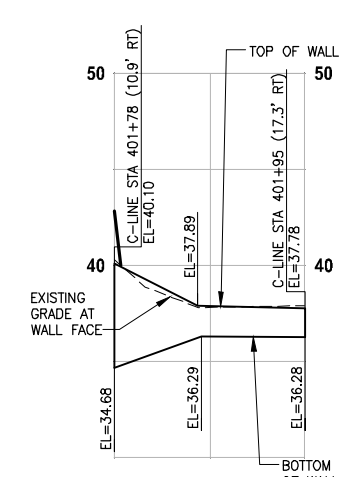
**STREAM #0155
 PROFILE CULVERT 3 WING AB**
 HORIZ: 1"=10'
 VERT: 1"=5'



**ROCK WALLS #3 & #4
 PROFILE**
 HORIZ: 1"=10'
 VERT: 1"=5'



**ROCK WALL #5
 PROFILE**
 HORIZ: 1"=10'
 VERT: 1"=5'



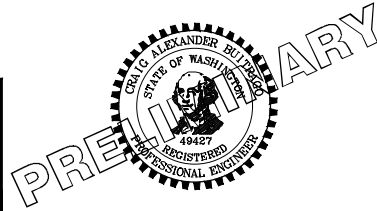
**ROCK WALL #6
 PROFILE**
 HORIZ: 1"=10'
 VERT: 1"=5'

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
 NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			C. BUITRAGO
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P19T03FP-01
 JOB No.: 524-1521-075 P19 T03
 DATE: JULY 2017



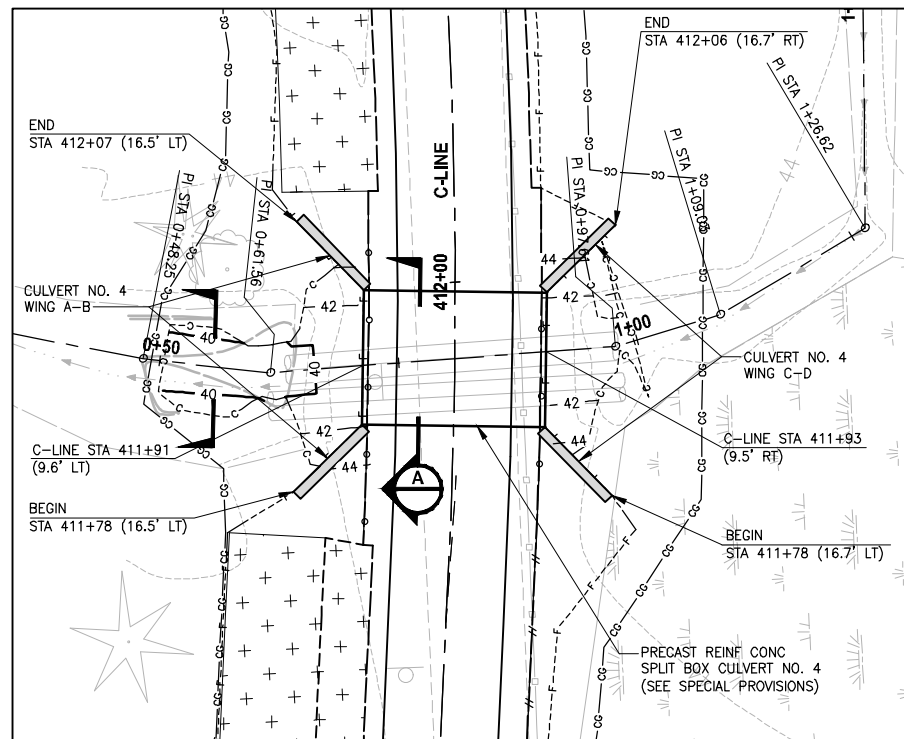
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 ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES
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 P 206.394.3700
 WWW.PARAMETRIX.COM

PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

FISH PASSAGE CULVERTS

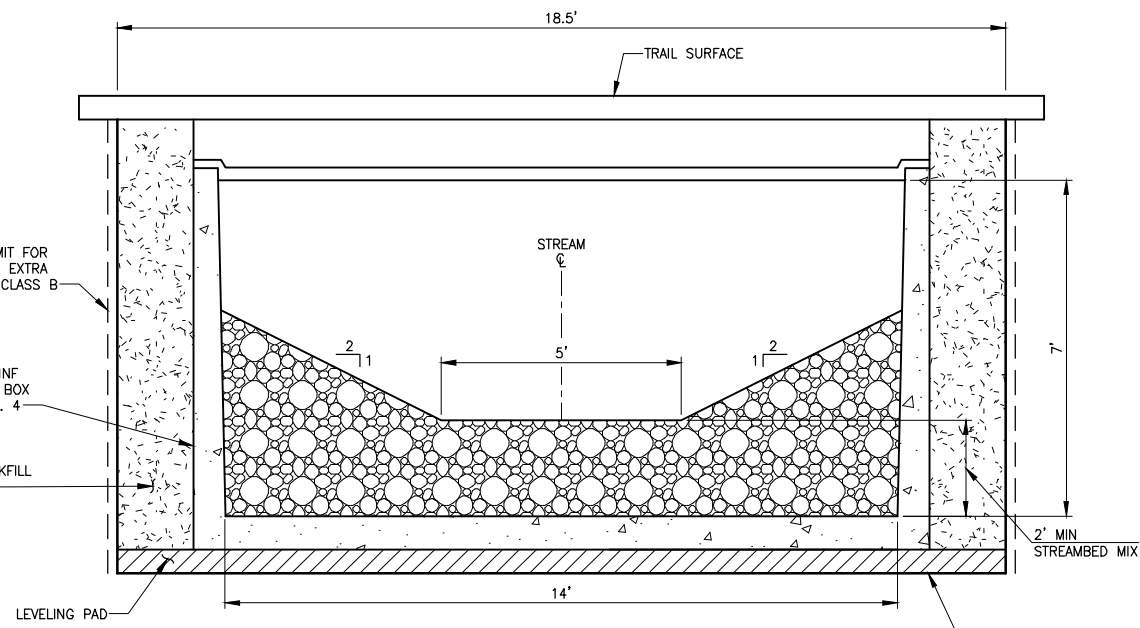
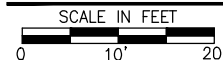
SHEET NO.
 100 OF 158
FP3

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 LAYOUT: FP4



EBRIGHT CREEK (BOX CULVERT NO. 4)

PLAN



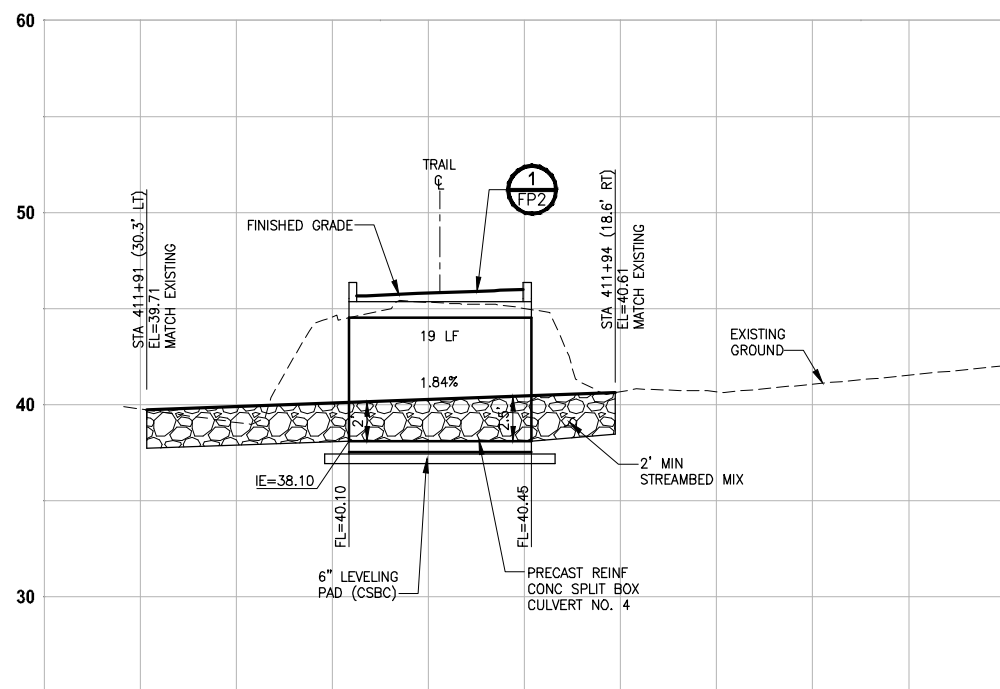
EBRIGHT CREEK (BOX CULVERT NO. 4)

TYPICAL SECTION

NO SCALE

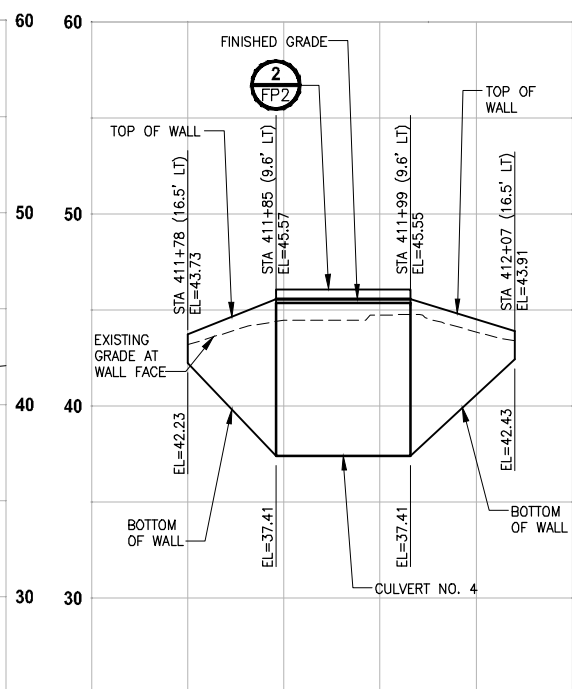
NOTES:

- CONSTRUCTION ACTIVITY FOR CULVERTS SHALL NOT OCCUR UNTIL AFTER STRUCTURAL ENGINEERING APPROVAL IS OBTAINED.
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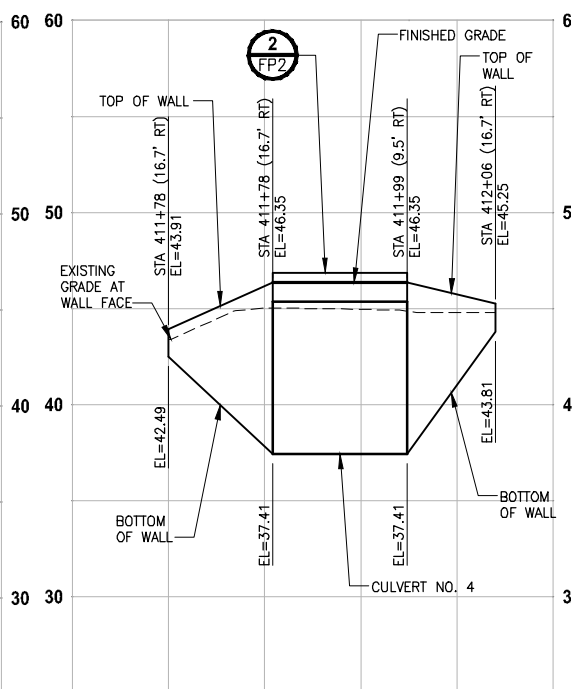
**EBRIGHT CREEK
PROFILE C-LINE STA 411+90**

HORIZ: 1"=10'
VERT: 1"=5'



**EBRIGHT CREEK
PROFILE CULVERT 4 WING AB**

HORIZ: 1"=10'
VERT: 1"=5'



**EBRIGHT CREEK
PROFILE CULVERT 4 WING CD**

HORIZ: 1"=10'
VERT: 1"=5'

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			C. BUITRAGO
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

**ONE INCH AT FULL SCALE,
IF NOT, SCALE ACCORDINGLY**

FILE NAME: BL1521075P19T03FP-01
JOB No.: 534-1521-075 P19 T03
DATE: JULY 2017



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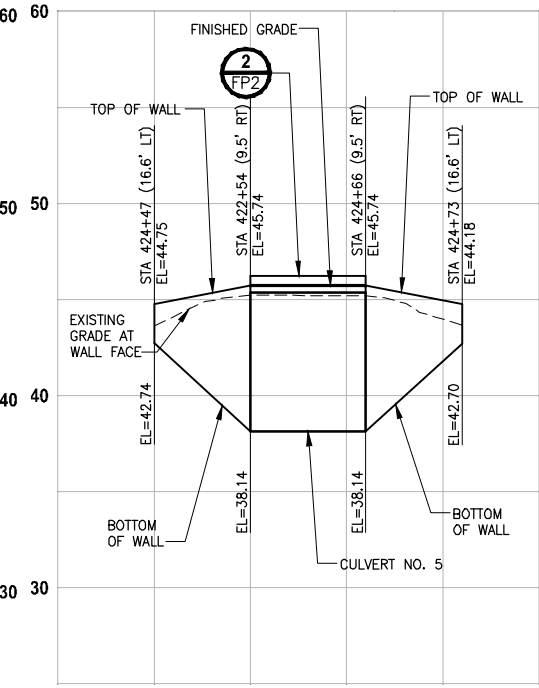
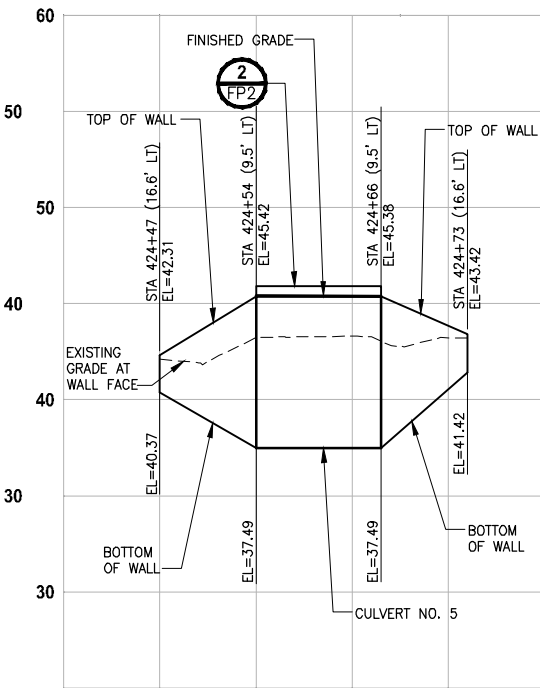
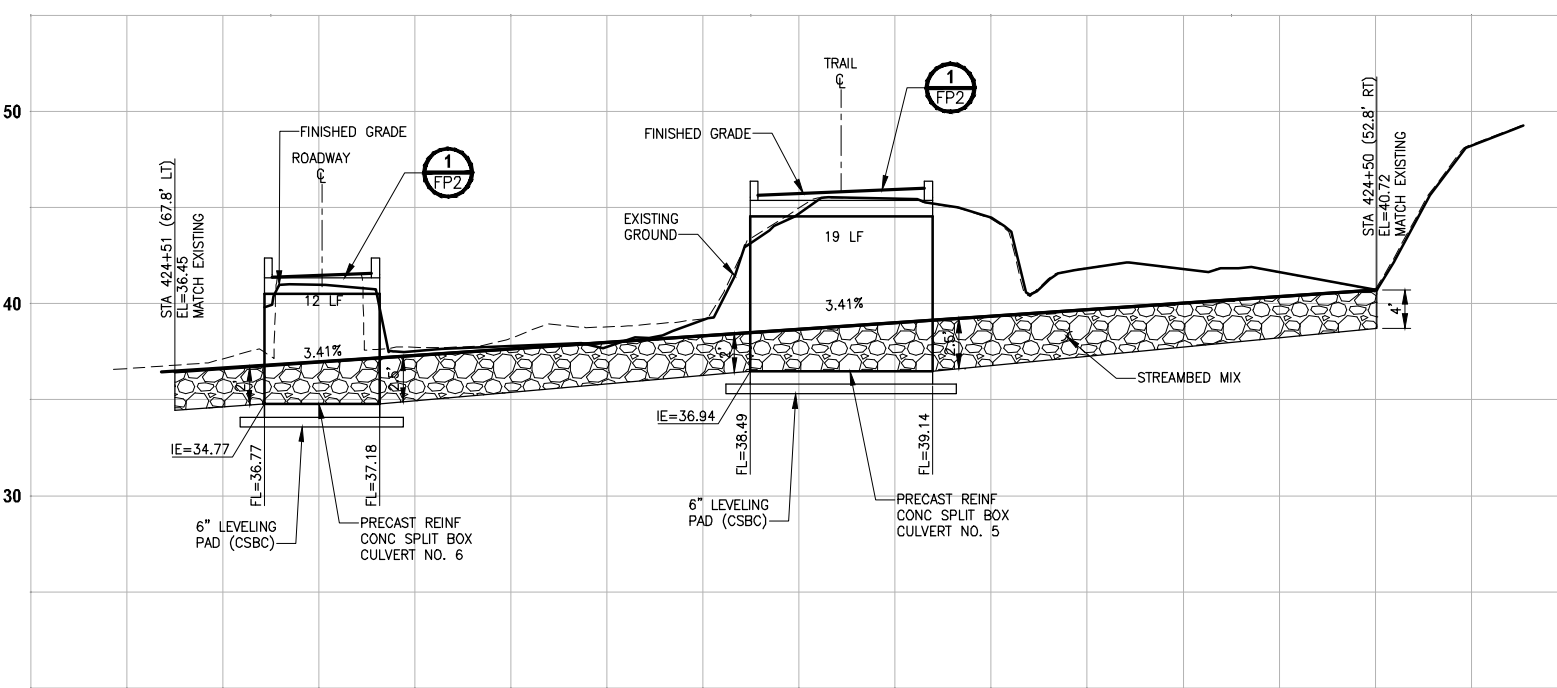
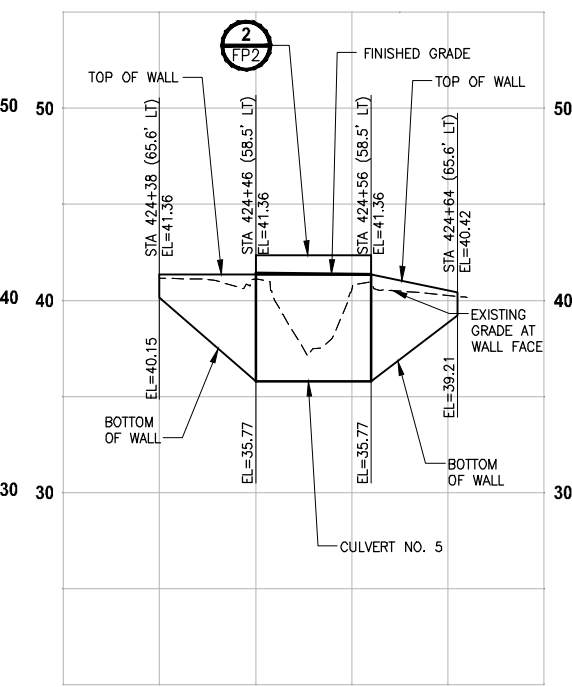
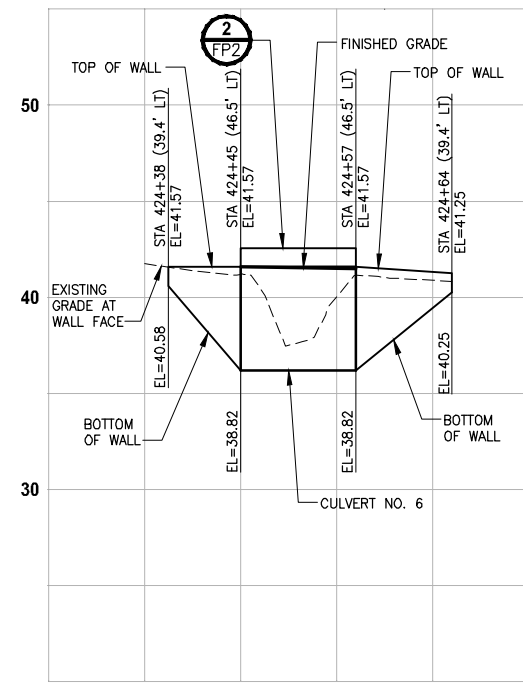
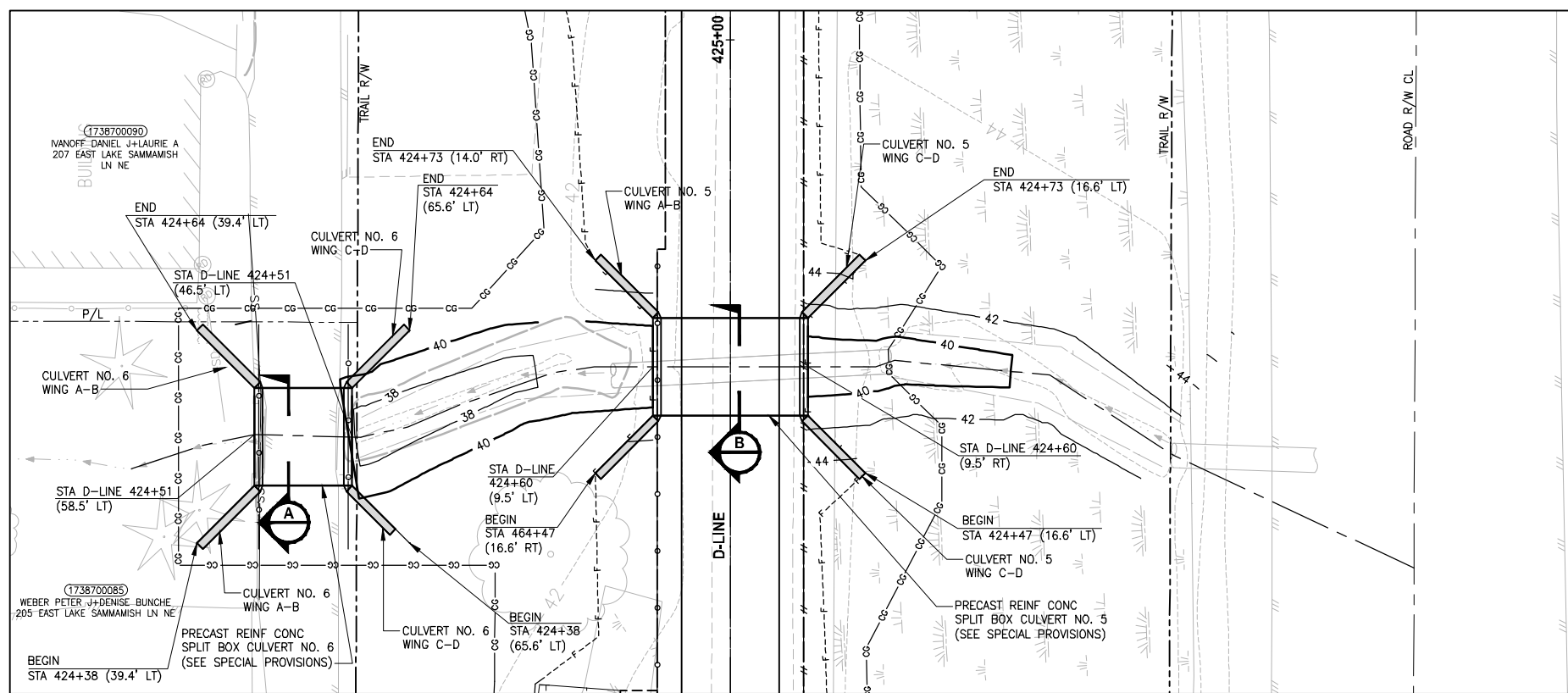
PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B
SAMMAMISH, WA**

FISH PASSAGE CULVERTS

SHEET NO.
101 OF 158

FP4

PATH: U:\P50\Projects\Clients\1521-KingCo\554-1521-075-ELST\985Sec\CADD\Phase 19\T03 CIV\Drawg) PLOTTED BY: purgaban DATE: Friday, July 07, 2017 5:22:31 PM LAYOUT: FP5



CITY OF SAMMAMISH APPROVAL

City Engineer	Date
Community Development	Date

REVISIONS	DATE	BY	DESIGNED
			C. BUITRAGO
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P19T03FP-01
 JOB No.: 554-1521-075 P19 T03
 DATE: JULY 2017



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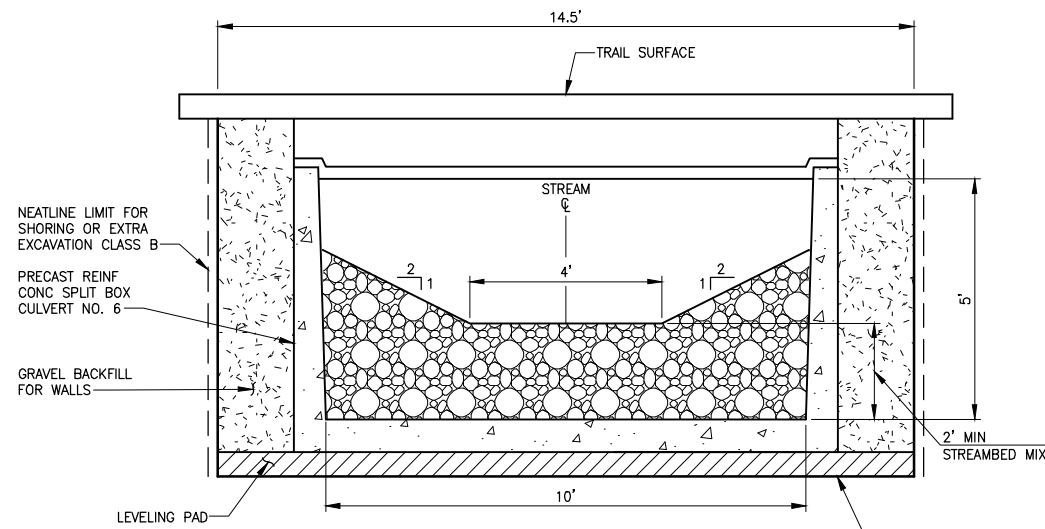
PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

FISH PASSAGE CULVERTS

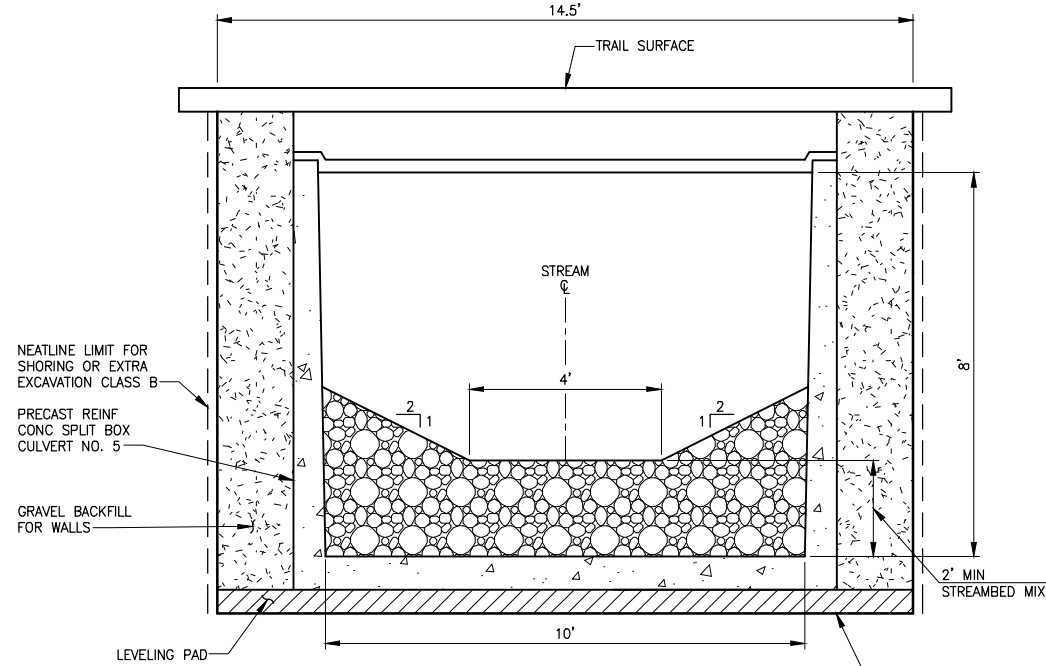
SHEET NO. 102 OF 158
FP5

REVISED 60% REVIEW SUBMITTAL NOT FOR CONSTRUCTION

PATH: U:\P50\Projects\Clients\1521-KingCo\554-1521-075-ELST\98\Secs\CADD\Phase 19\T03_Civil\Fig\ PLOTTED BY: purgubut DATE: Friday, July 07, 2017 5:22:42 PM LAYOUT: FP6



ZACCUSE CREEK 2 (BOX CULVERT NO. 6)
TYPICAL SECTION A
 NO SCALE



ZACCUSE CREEK 1 (BOX CULVERT NO. 5)
TYPICAL SECTION B
 NO SCALE

NOTES:

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CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
 NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			C. BUITRAGO
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE.
 IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P19T03FP-01
 JOB No: 554-1521-075 P19 T03
 DATE: JULY 2017



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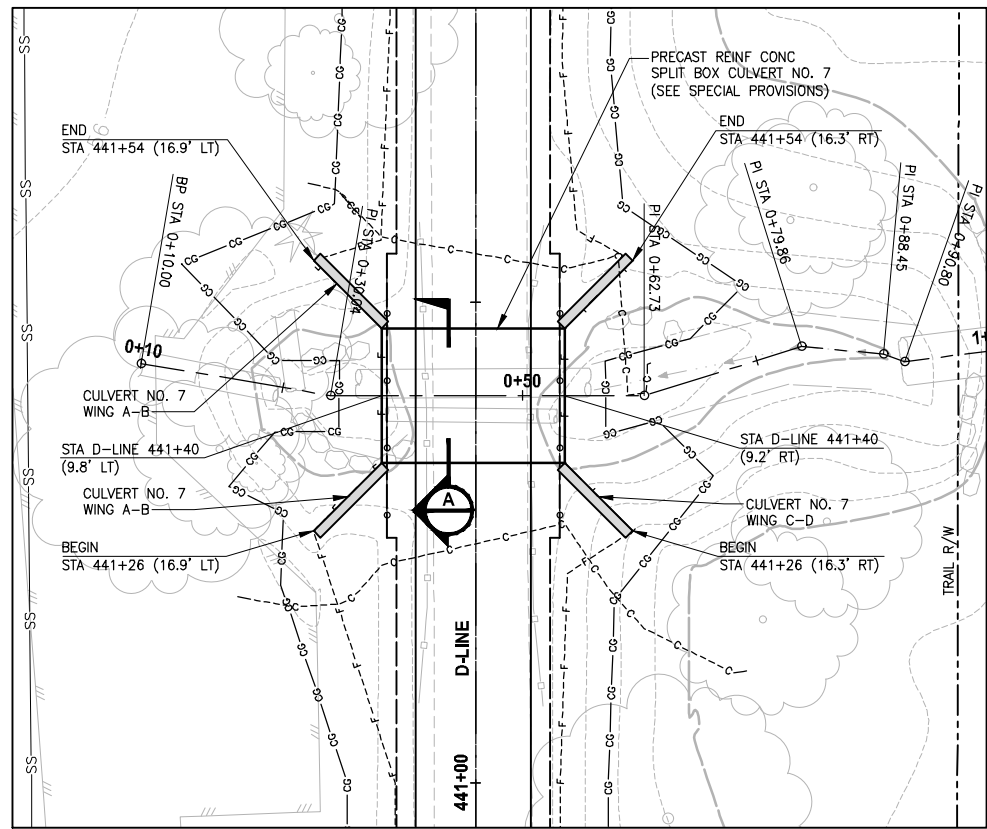
PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

FISH PASSAGE CULVERTS

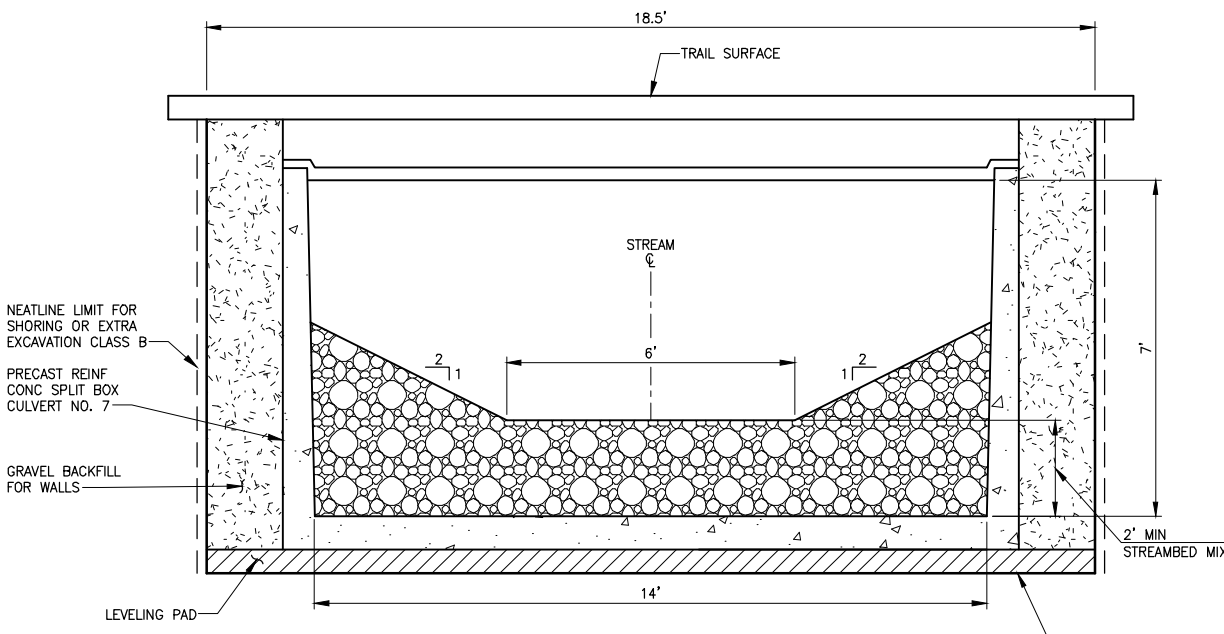
SHEET NO.
 103 OF 158

FP6

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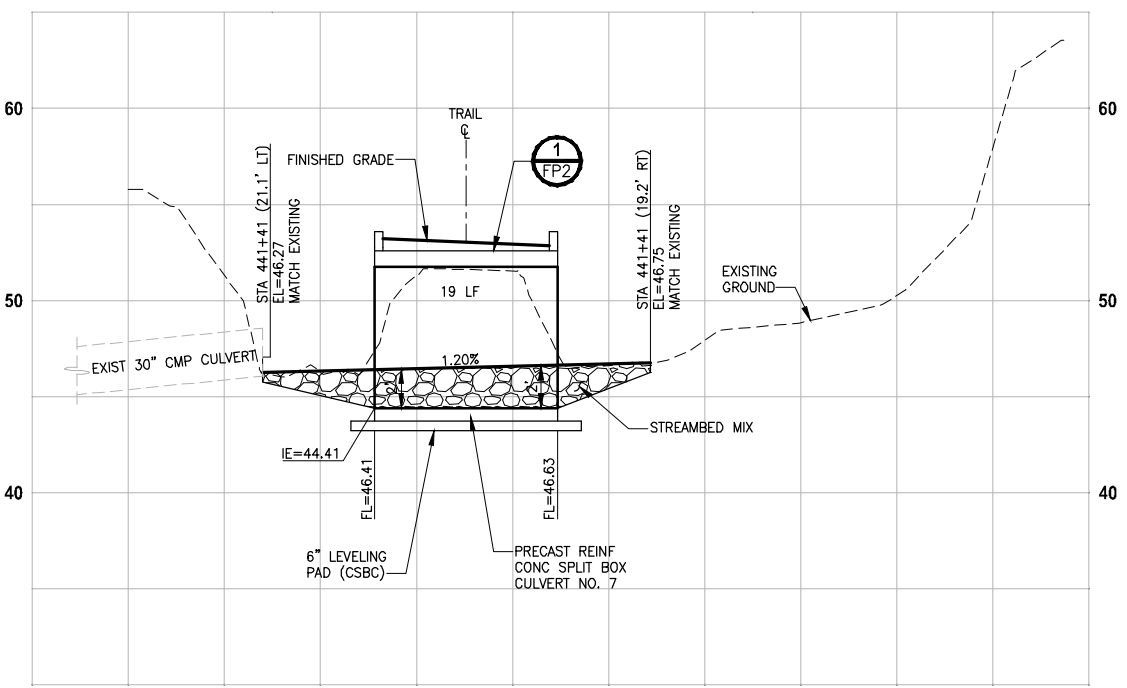


**GEORGE DAVIS CREEK
(BOX CULVERT NO. 7)**
PLAN
 SCALE IN FEET
 0 10' 20'

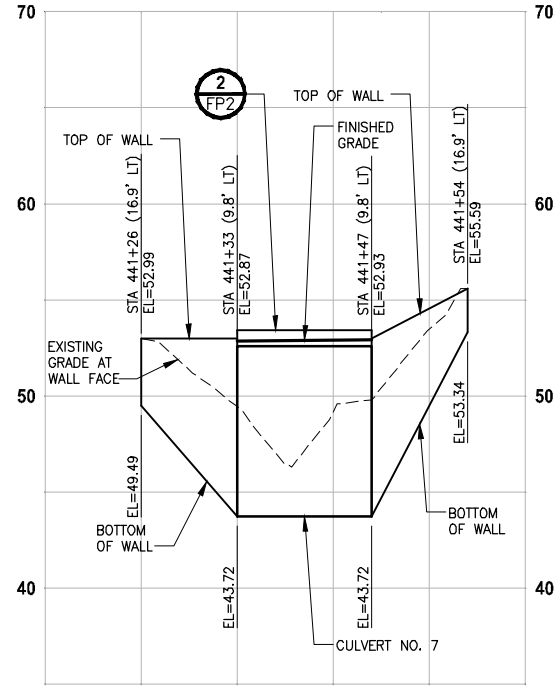


**GEORGE DAVIS CREEK
(BOX CULVERT NO. 7)**
TYPICAL SECTION
 NO SCALE

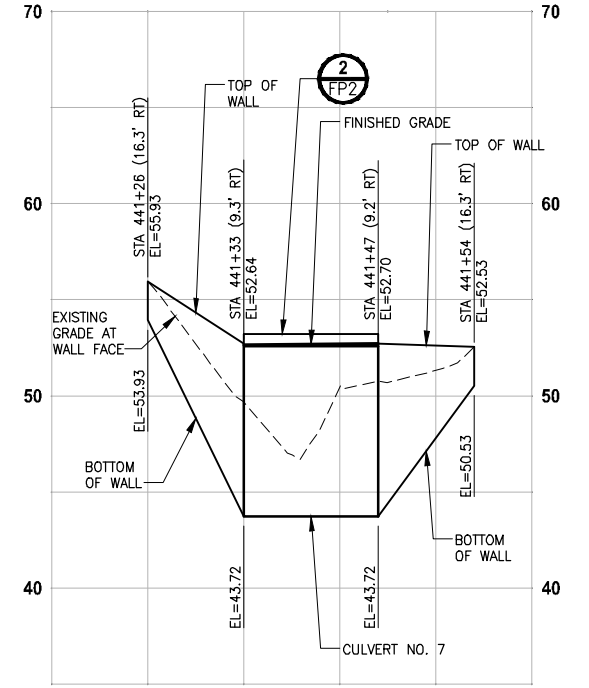
- NOTES:**
- CONSTRUCTION ACTIVITY FOR CULVERTS SHALL NOT OCCUR UNTIL AFTER STRUCTURAL ENGINEERING APPROVAL IS OBTAINED.
 - BOX CULVERTS AND STREAM WORK BELOW ORDINARY HIGH WATER LINE SHALL ONLY OCCUR BETWEEN JUNE 16 AND SEPTEMBER 30 PER HPA APPROVAL CONDITIONS IN APPENDIX B OF THE SPECIAL PROVISIONS.



**GEORGE DAVIS CREEK
PROFILE D-LINE STA 441+40**
 HORIZ: 1"=10'
 VERT: 1"=5'



**GEORGE DAVIS CREEK
PROFILE CULVERT 7 WING AB**
 HORIZ: 1"=10'
 VERT: 1"=5'



**GEORGE DAVIS CREEK
PROFILE CULVERT 7 WING CD**
 HORIZ: 1"=10'
 VERT: 1"=5'

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			C. BUITRAGO
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

**ONE INCH AT FULL SCALE,
IF NOT, SCALE ACCORDINGLY**
 FILE NAME: BL1521075P19T03FP-01
 JOB No.: 554-1521-075 P19 T03
 DATE: JULY 2017



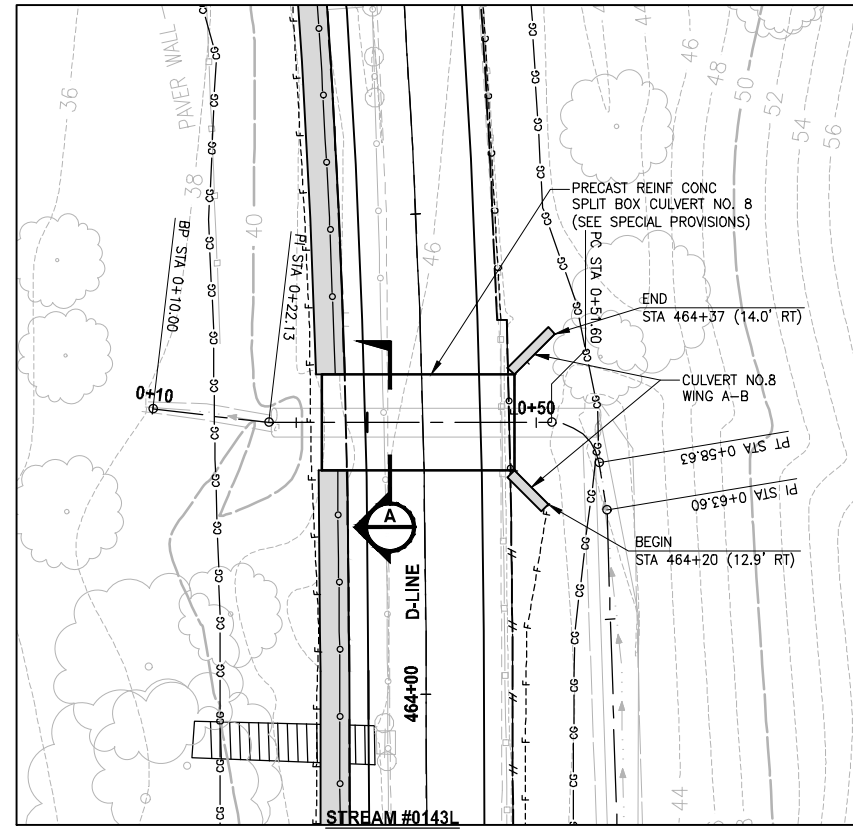
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PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

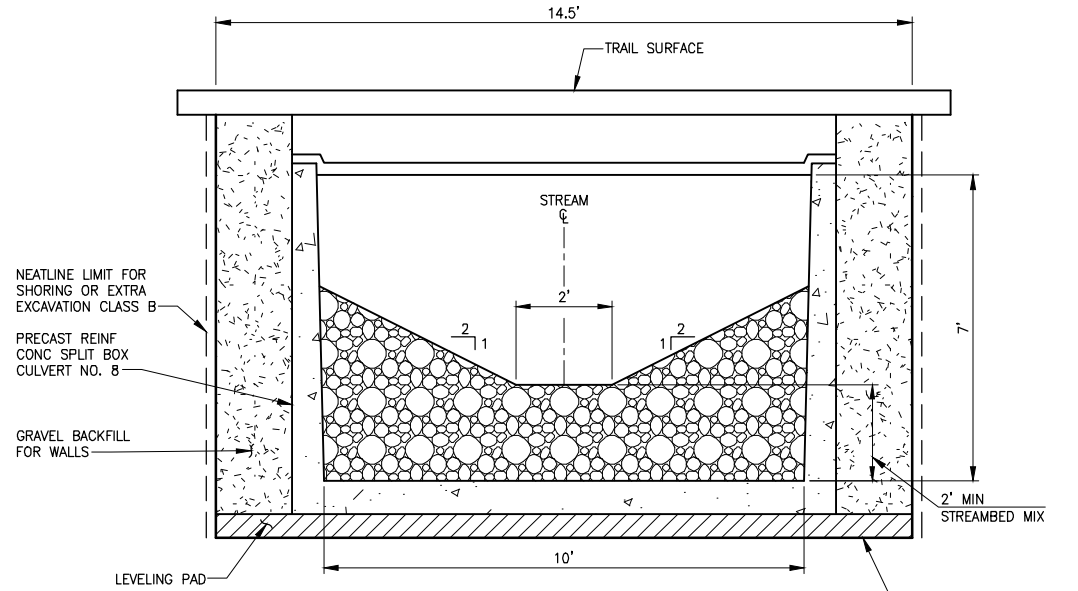
FISH PASSAGE CULVERTS

SHEET NO.
 104 OF 158
FP7

PATH: U:\P50\Projects\Clients\1521-075-ELST\985Secs\CADD\Phase 19\T03 CIV\Draw\ PLOTTED BY: purgabut DATE: Friday, July 07, 2017 5:23:30 PM LAYOUT: FP8

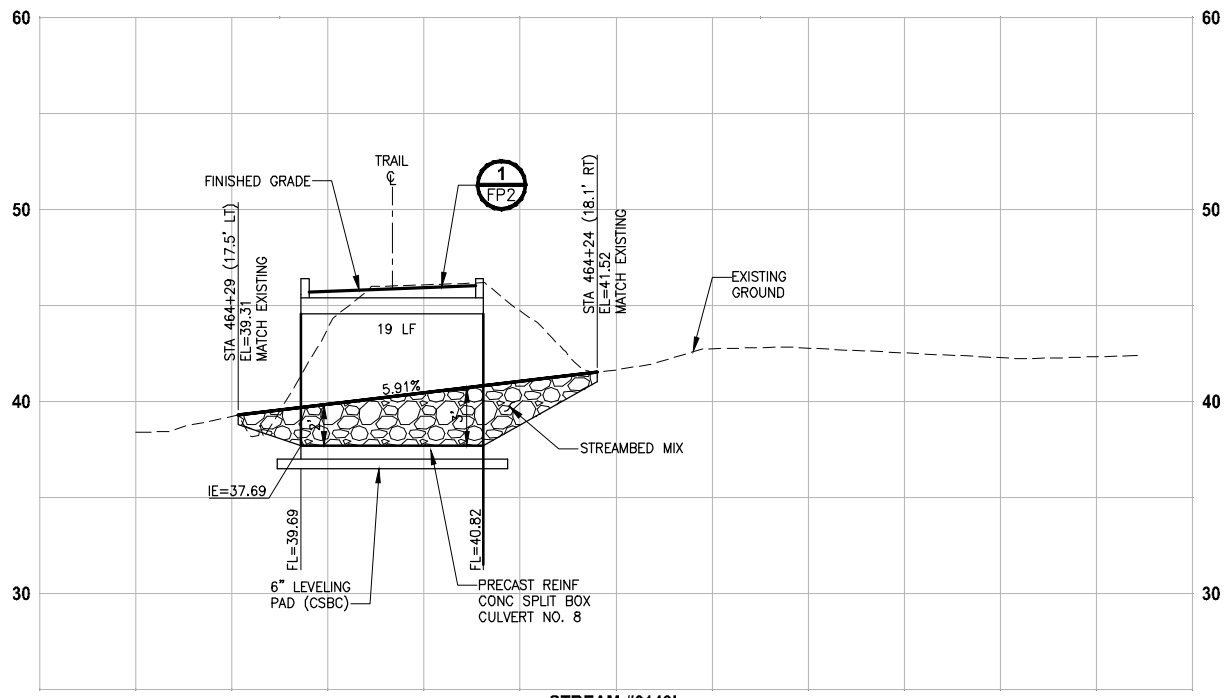


PLAN
SCALE IN FEET
0 10' 20'

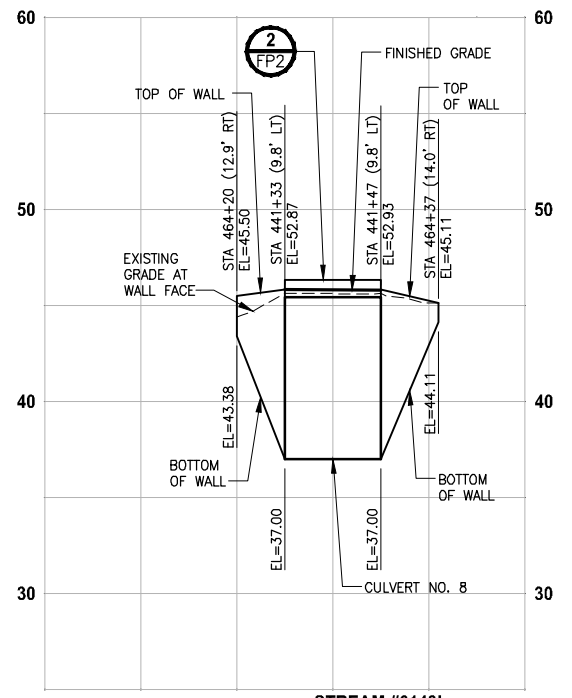


STREAM #0143L (BOX CULVERT NO. 8)
TYPICAL SECTION A
NO SCALE

- NOTES:**
- CONSTRUCTION ACTIVITY FOR CULVERTS SHALL NOT OCCUR UNTIL AFTER STRUCTURAL ENGINEERING APPROVAL IS OBTAINED.
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STREAM #0143L
PROFILE D-LINE STA 464+28
HORIZ: 1"=10'
VERT: 1"=5'



STREAM #0143L
PROFILE CULVERT 8 WING AB
HORIZ: 1"=10'
VERT: 1"=5'

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			C. BUJTRAGO
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
FILE NAME: BL1521075P19T03FP-01
JOB No.: 554-1521-075 P19 T03
DATE: JULY 2017



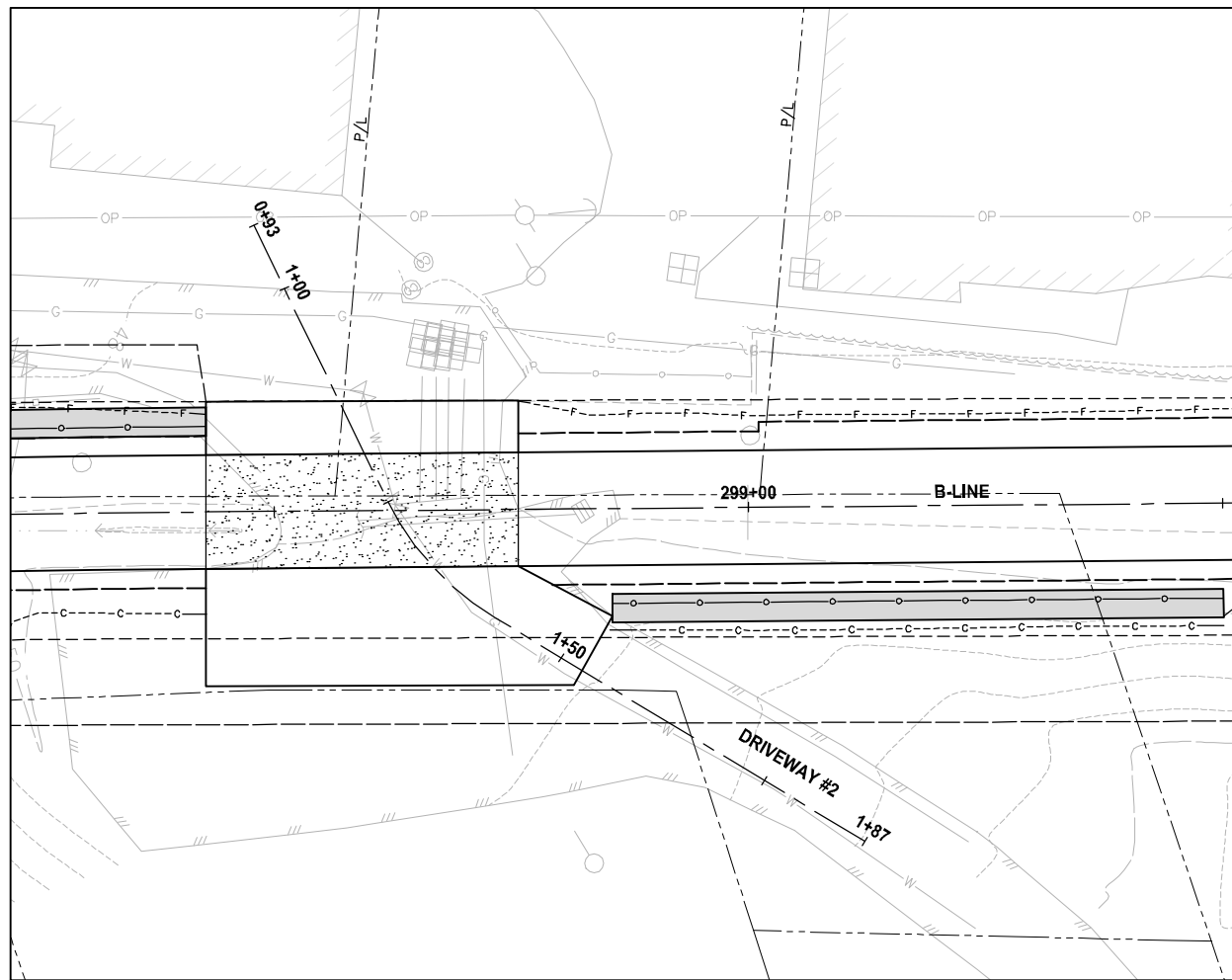
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P 206.394.3700
WWW.PARAMETRIX.COM

PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

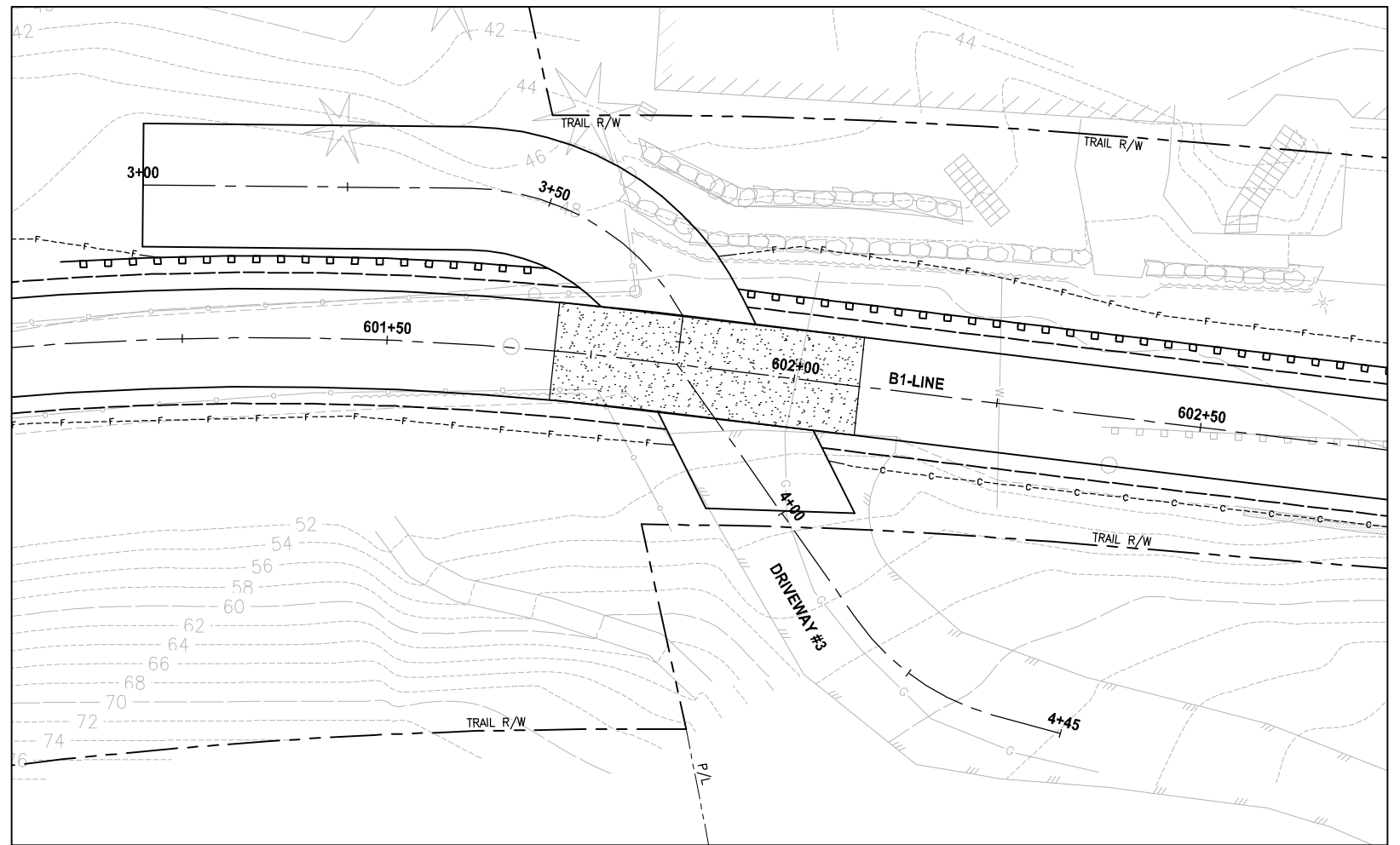
FISH PASSAGE CULVERTS

SHEET NO.
105 OF 158
FP8

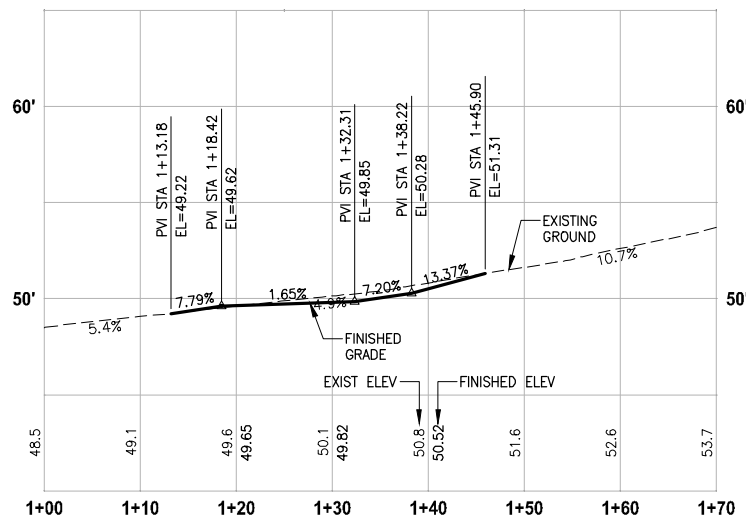
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PLAN
 SCALE IN FEET
 0 10 20

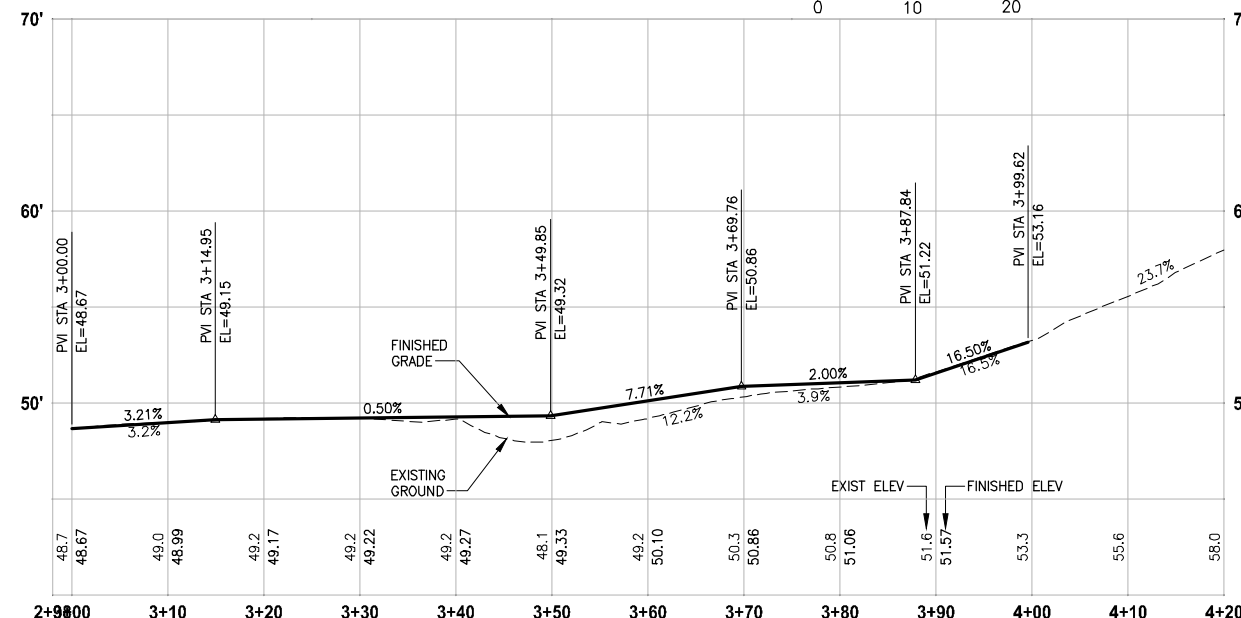


PLAN
 SCALE IN FEET
 0 10 20



DRIVEWAY #2 (SHEET AL4)

HORIZ: 1"=10'
 VERT: 1"=5'



DRIVEWAY #3 (SHEET AL5)

HORIZ: 1"=10'
 VERT: 1"=5'

NOTE:
 1. DETAILED GRADING FOR DRIVEWAYS ARE NOT COMPLETE YET. PAVING LIMITS ARE SUBJECT TO CHANGE.

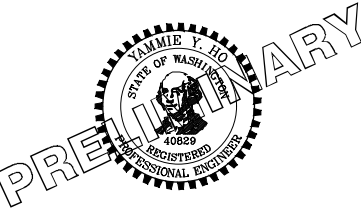
- LEGEND:**
- PATTERNED CONCRETE DRIVEWAY
 - HMA
 - GRAVEL DRIVEWAY
 - DRIVEWAY REMOVAL

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
 NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE.
 IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P19T03DP-01
 JOB No: 554-1521-075 P19 T03
 DATE: JULY 2017

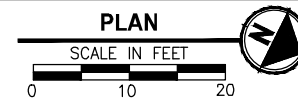
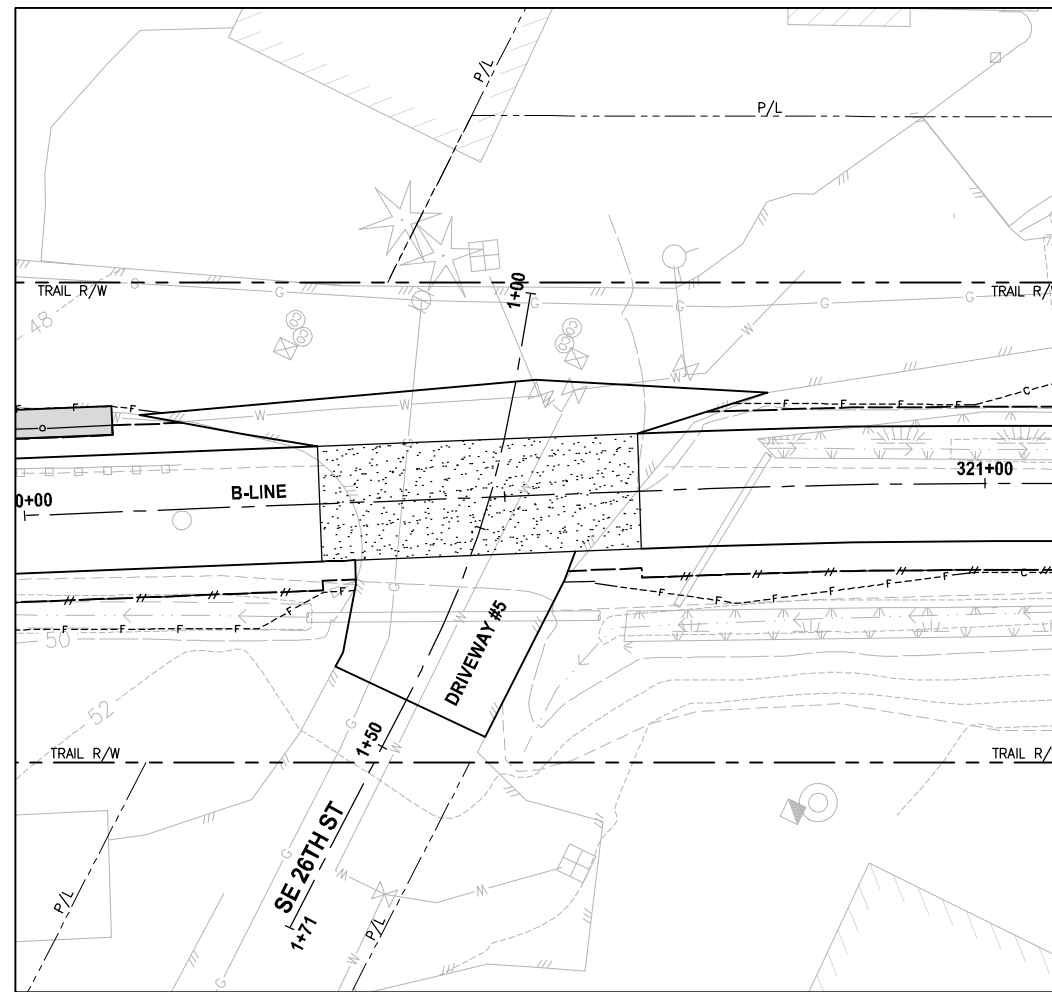
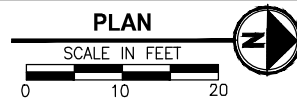
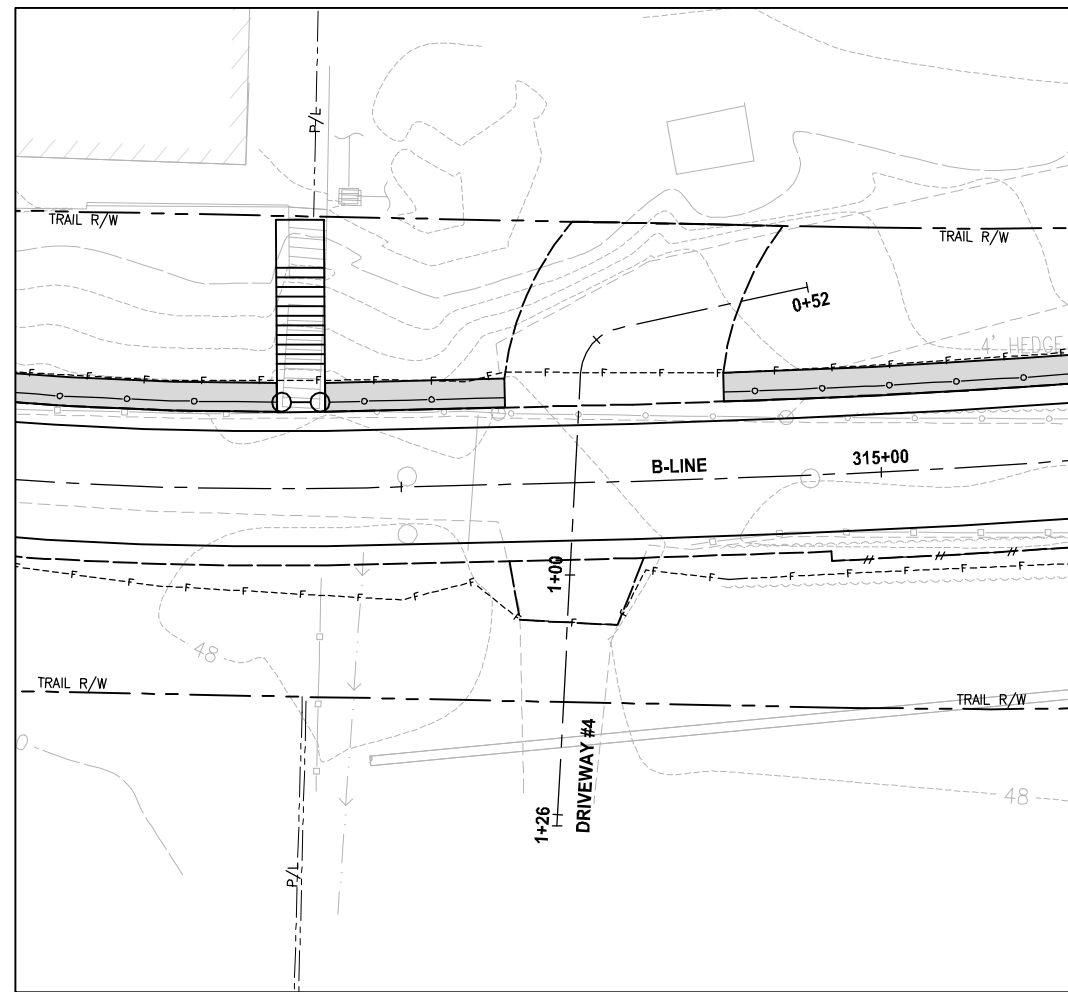


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PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

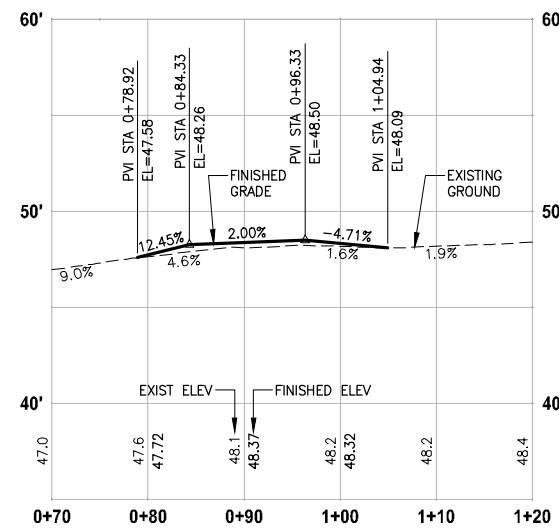
DRIVEWAY PLAN AND PROFILE

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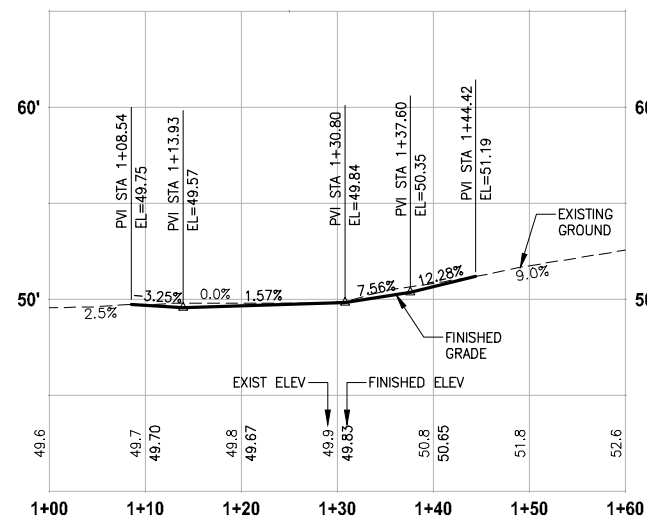
NOTE:
1. DETAILED GRADING FOR DRIVEWAYS ARE NOT COMPLETE YET. PAVING LIMITS ARE SUBJECT TO CHANGE.

- LEGEND:**
- PATTERNED CONCRETE DRIVEWAY
 - HMA
 - GRAVEL DRIVEWAY
 - DRIVEWAY REMOVAL



DRIVEWAY #4 (SHEET AL7)

HORIZ: 1"=10'
VERT: 1"=5'



DRIVEWAY #5 (SHEET AL9)

HORIZ: 1"=10'
VERT: 1"=5'

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
FILE NAME: BL1521075P19T03DP-01
JOB No.: 564-1521-075 P19 T03
DATE: JULY 2017



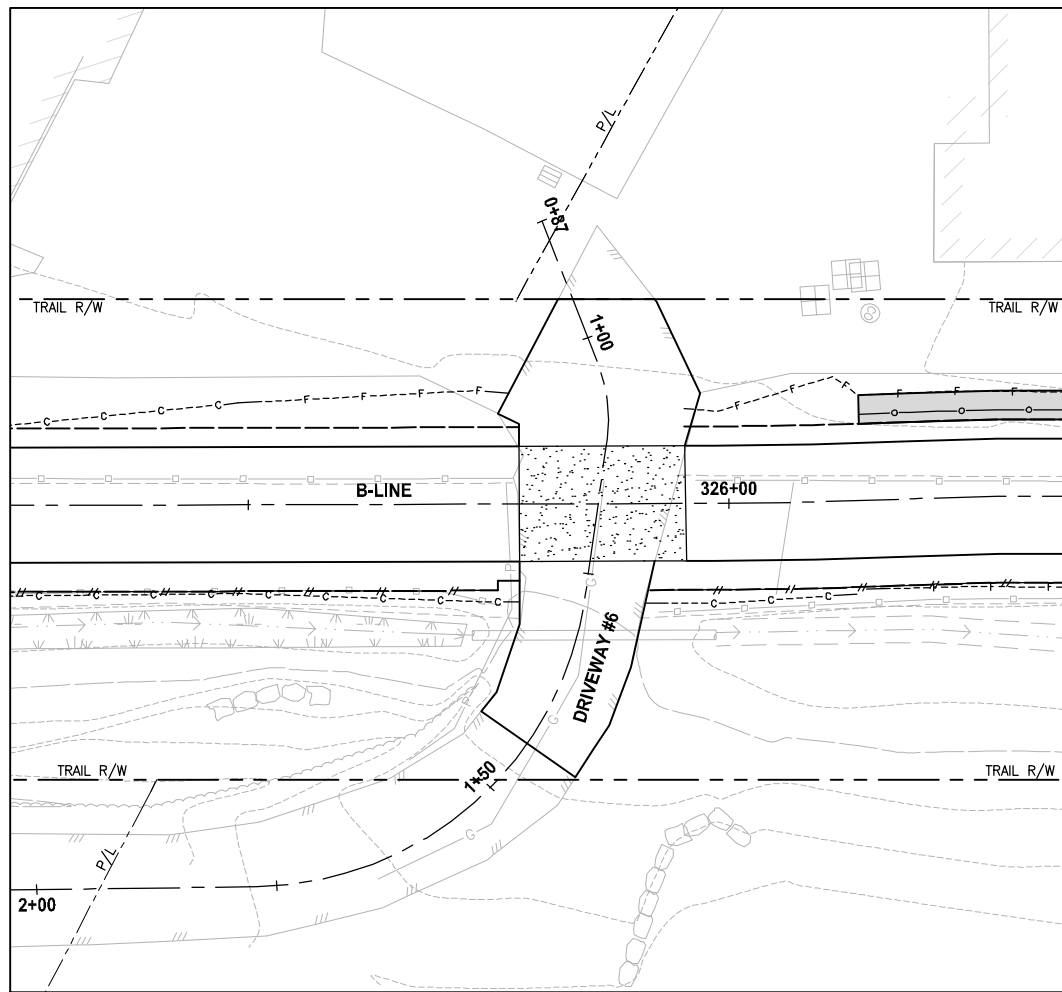
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
SAMMAMISH, WA

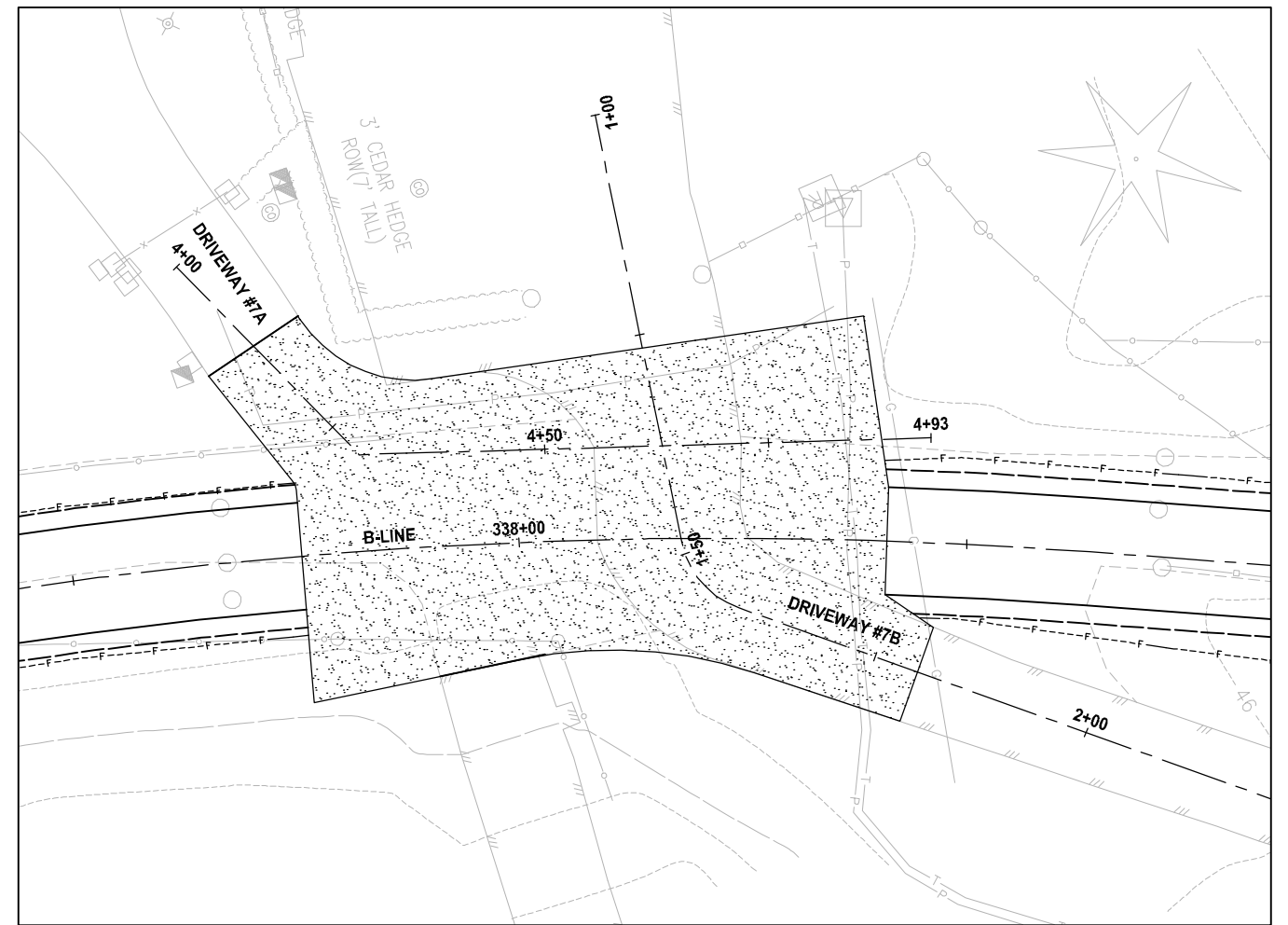
DRIVEWAY PLAN AND PROFILE

SHEET NO. 107 OF 158
DP2

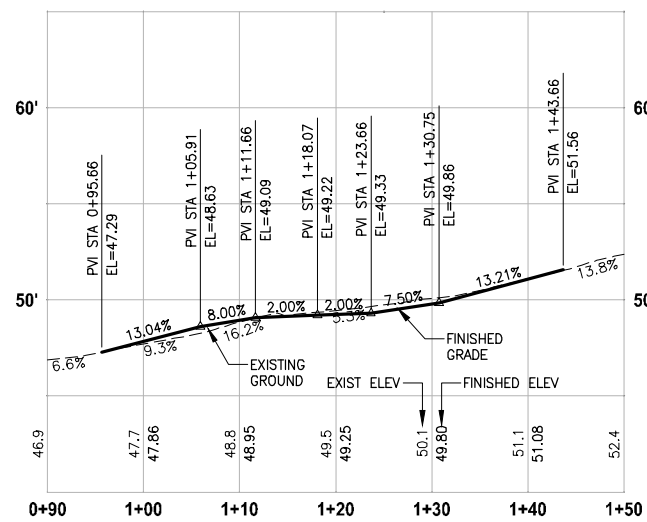
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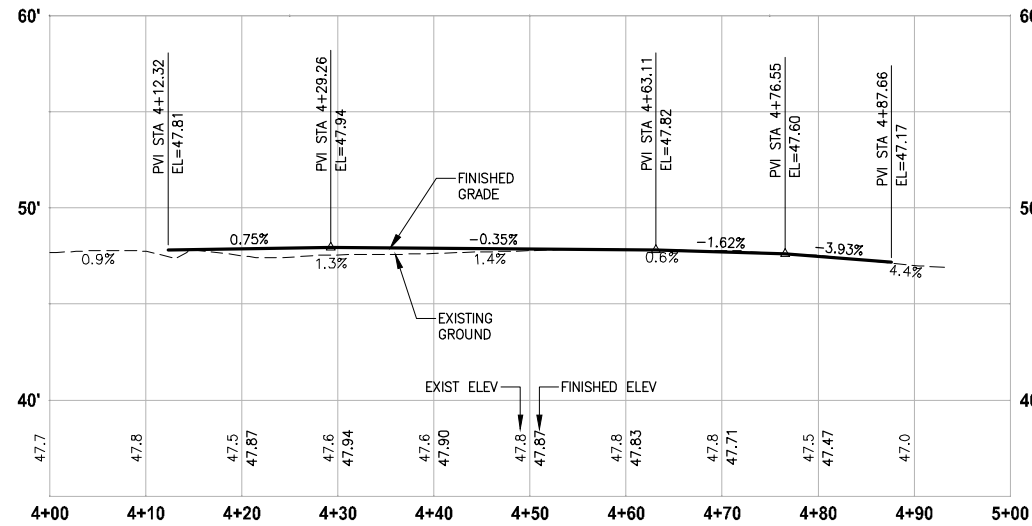
PLAN
SCALE IN FEET
0 10 20



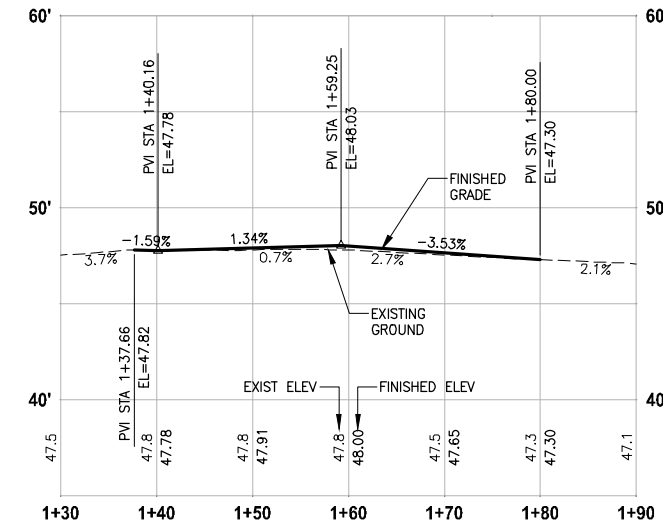
PLAN
SCALE IN FEET
0 10 20



DRIVEWAY #6 (SHEET AL10)
HORIZ: 1"=10'
VERT: 1"=5'



DRIVEWAY #7A (SHEET AL12)
HORIZ: 1"=10'
VERT: 1"=5'



DRIVEWAY #7B (SHEET AL12)
HORIZ: 1"=10'
VERT: 1"=5'

NOTE:
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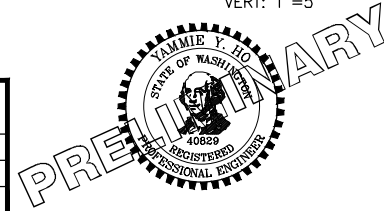
- LEGEND:**
- PATTERNED CONCRETE DRIVEWAY
 - HMA
 - GRAVEL DRIVEWAY
 - DRIVEWAY REMOVAL

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

REVISED 60% REVIEW SUBMITTAL
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REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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FILE NAME: BL1521075P19T03DP-01
JOB No.: 524-1521-075 P19 T03
DATE: JULY 2017



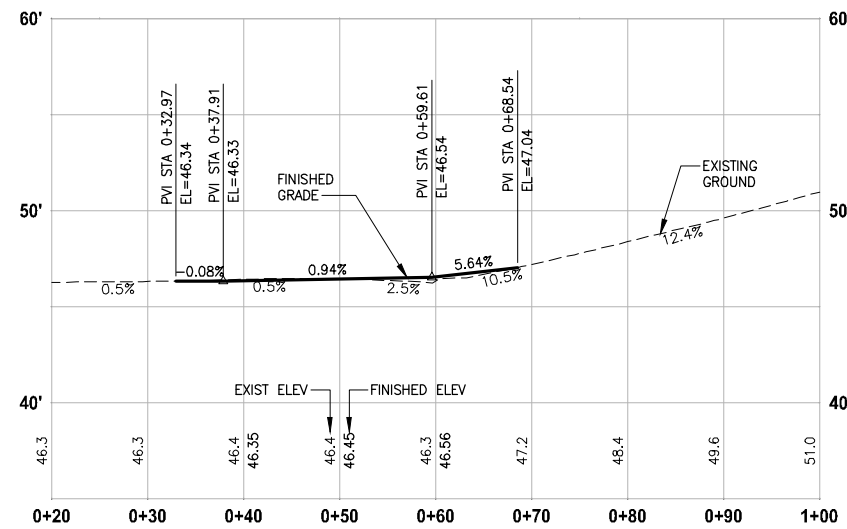
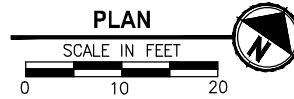
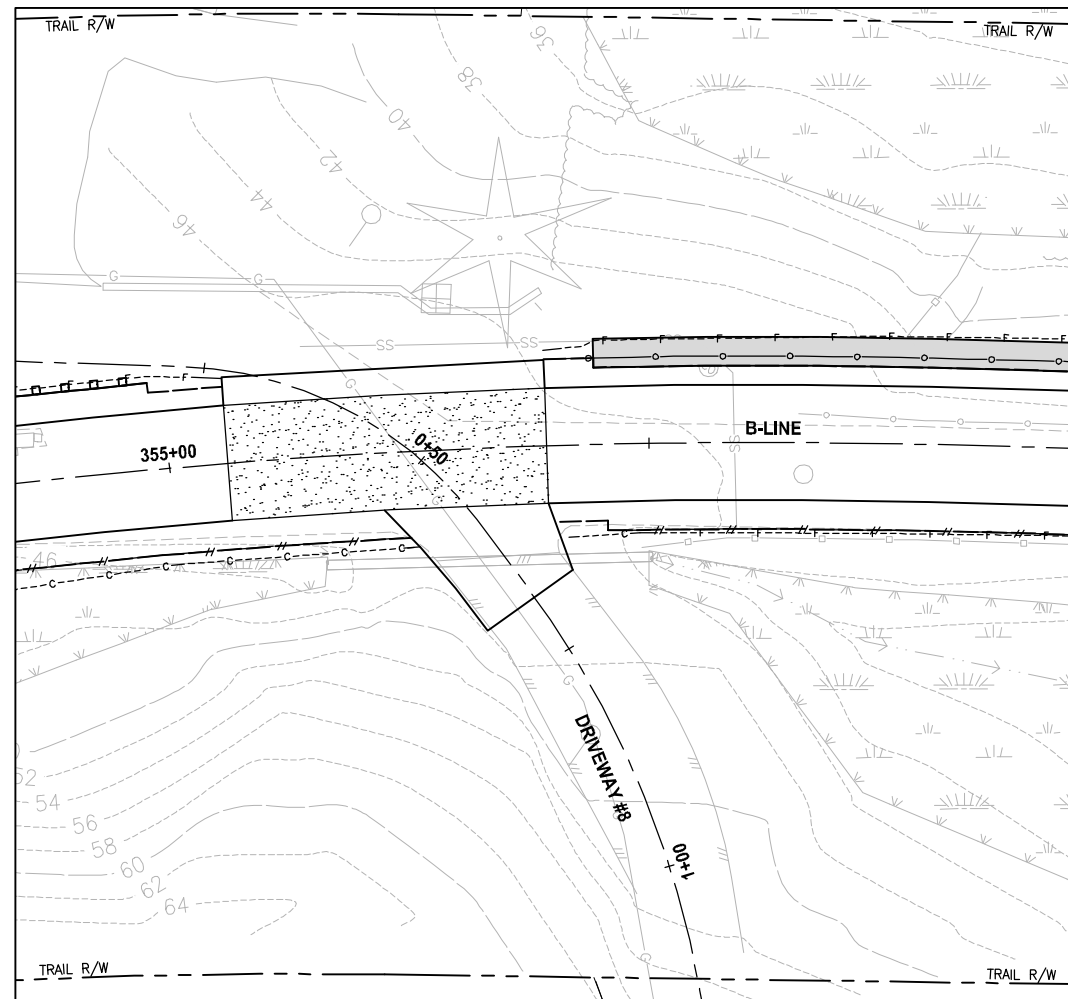
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
SAMMAMISH, WA

DRIVEWAY PLAN AND PROFILE

SHEET NO.
108 OF 158
DP3

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99\Drawings\Phase 19\T03 CIV\DP4.dwg PLOTTED BY: purganut DATE: Friday, July 07, 2017 5:26:24 PM LAYOUT: DP4







DRIVEWAY #8 (SHEET AL16)
 HORIZ: 1"=10'
 VERT: 1"=5'

NOTE:

1. DETAILED GRADING FOR DRIVEWAYS ARE NOT COMPLETE YET. PAVING LIMITS ARE SUBJECT TO CHANGE.

LEGEND:

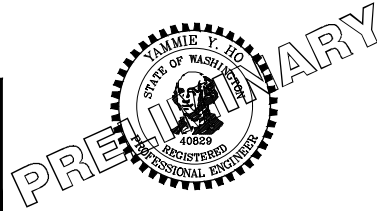
-  PATTERNED CONCRETE DRIVEWAY
-  HMA
-  GRAVEL DRIVEWAY
-  DRIVEWAY REMOVAL

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
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REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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 FILE NAME: BL1521075P19T03DP-01
 JOB No.: 554-1521-075 P19 T03
 DATE: JULY 2017



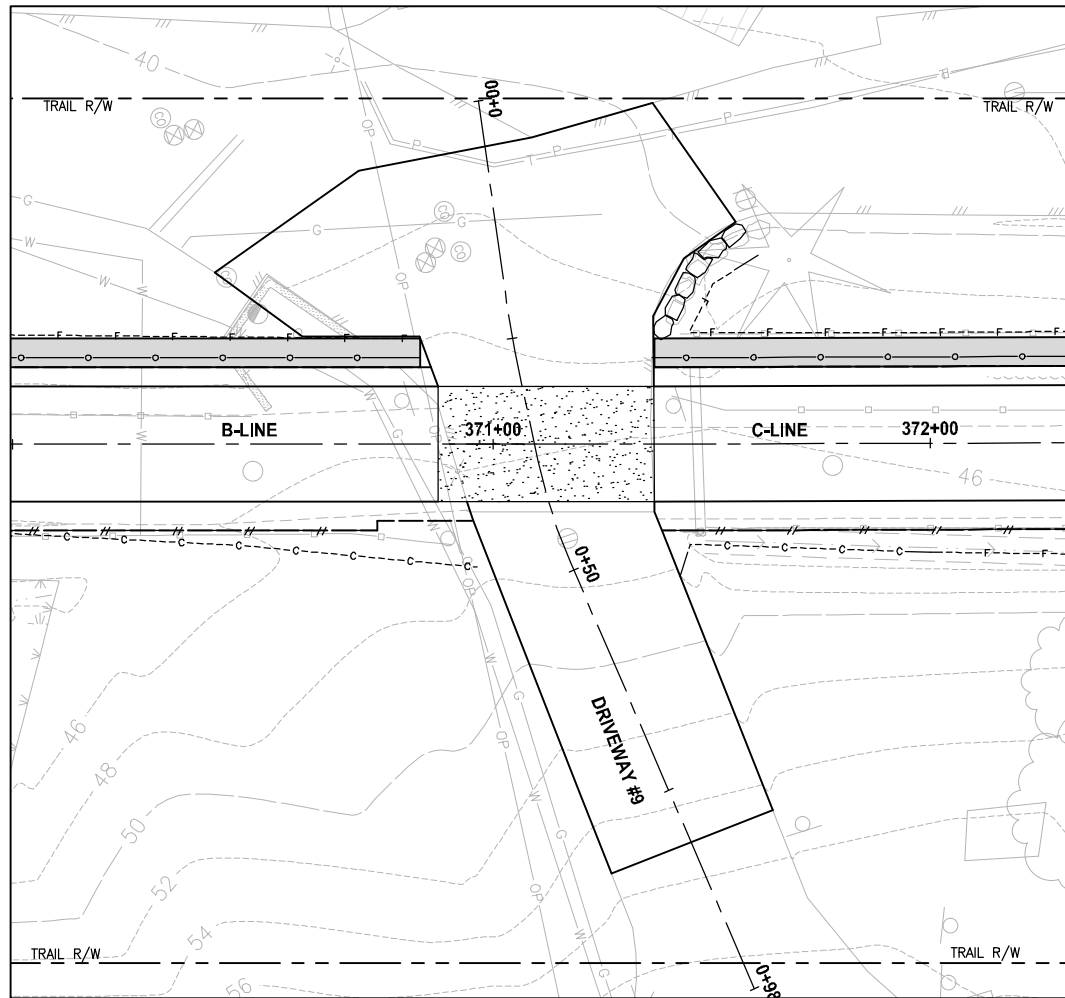
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PROJECT NAME
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 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

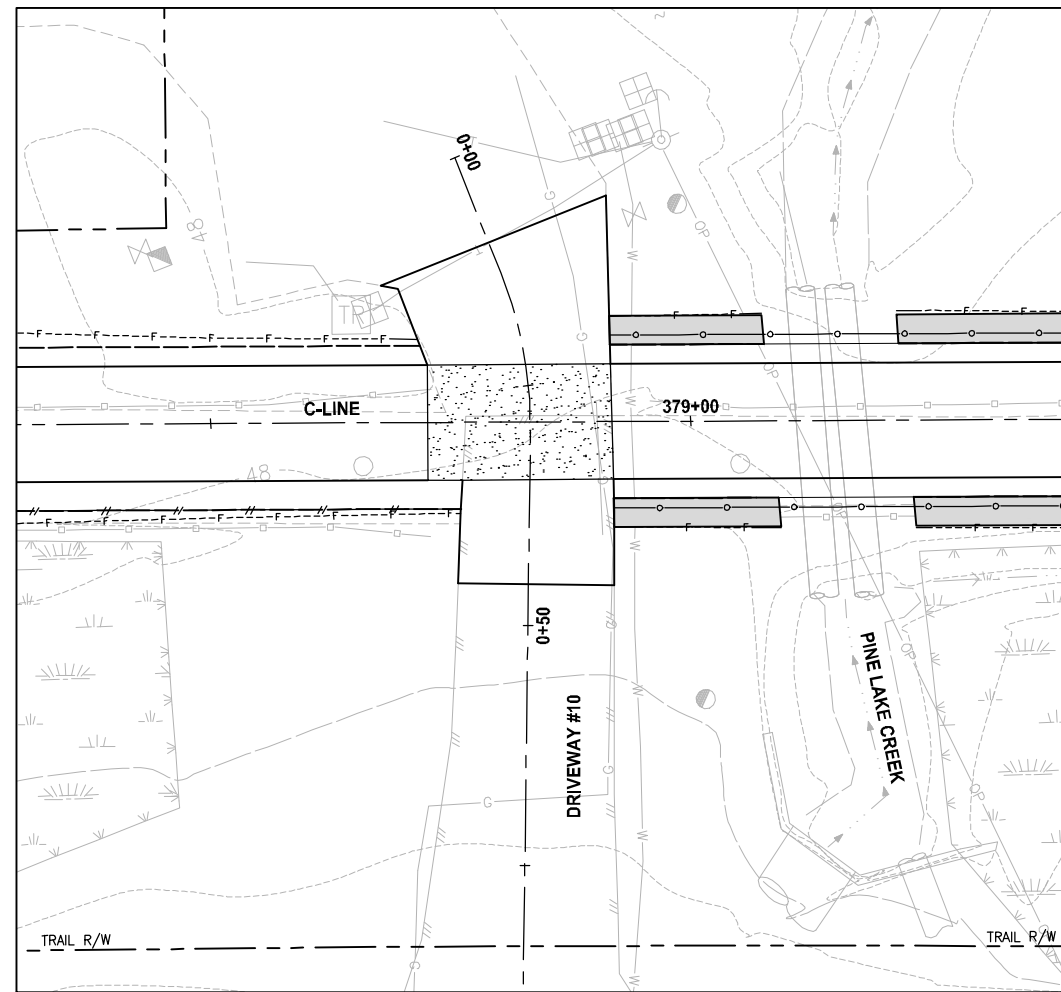
DRIVEWAY PLAN AND PROFILE

SHEET NO.
 109 OF 158
DP4

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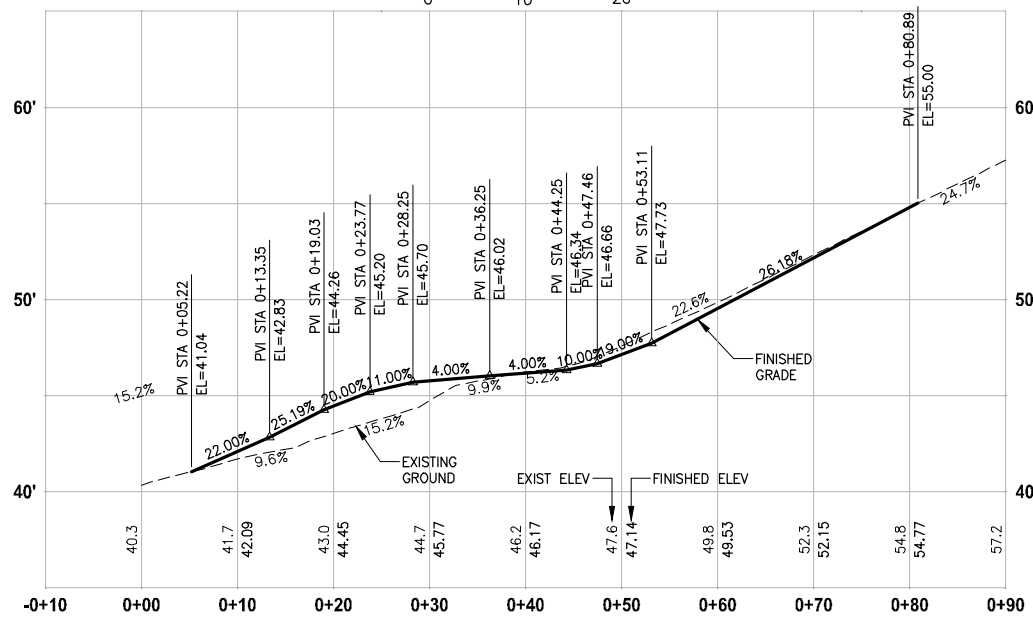
PLAN
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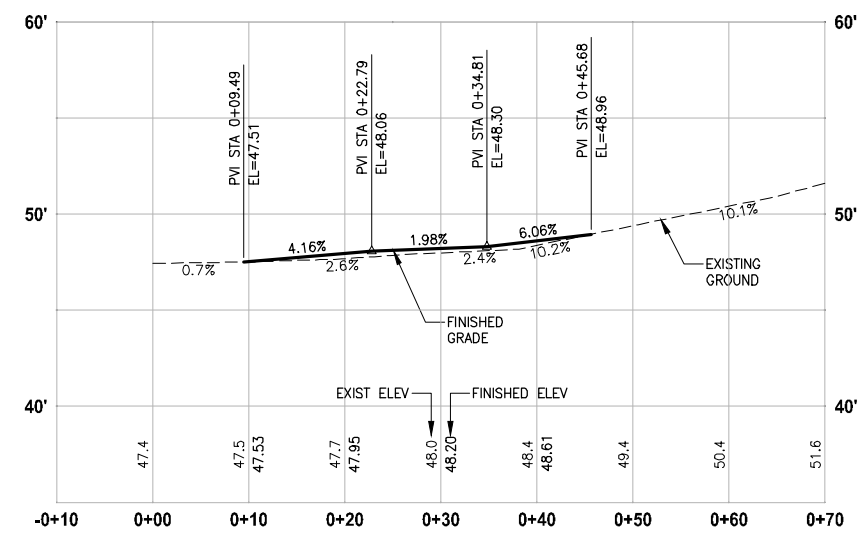
PLAN
SCALE IN FEET
0 10 20

NOTE:
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- LEGEND:**
- PATTERNED CONCRETE DRIVEWAY
 - HMA
 - GRAVEL DRIVEWAY
 - DRIVEWAY REMOVAL



DRIVEWAY #9 (SHEET AL19)
HORIZ: 1"=10'
VERT: 1"=5'



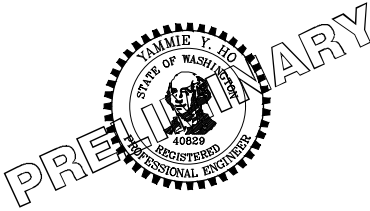
DRIVEWAY #10 (SHEET AL20)
HORIZ: 1"=10'
VERT: 1"=5'

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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FILE NAME: BL1521075P19T03DP-02
JOB No: 564-1521-075 P19 T03
DATE: JULY 2017



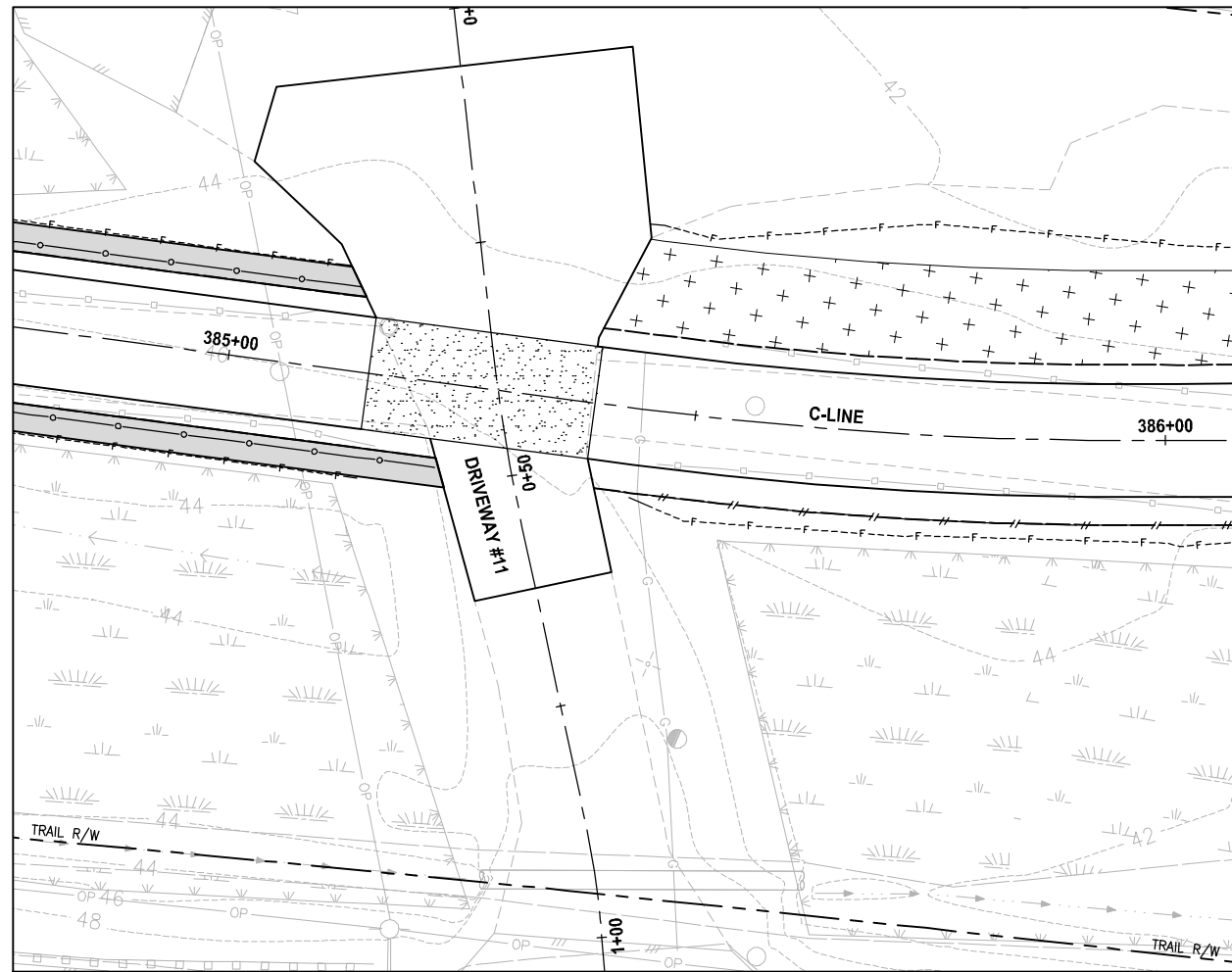
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
SAMMAMISH, WA

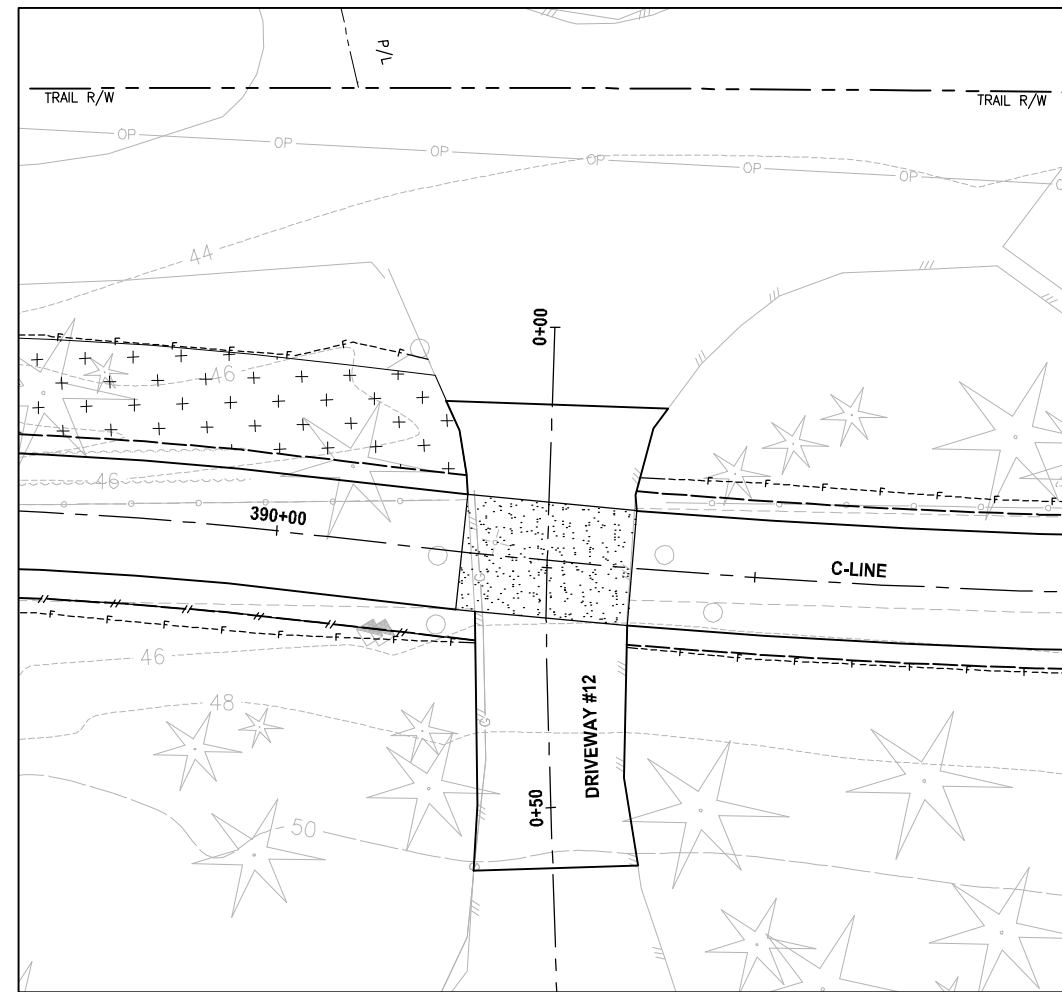
DRIVEWAY PLAN AND PROFILE

SHEET NO. 110 OF 158
DP5

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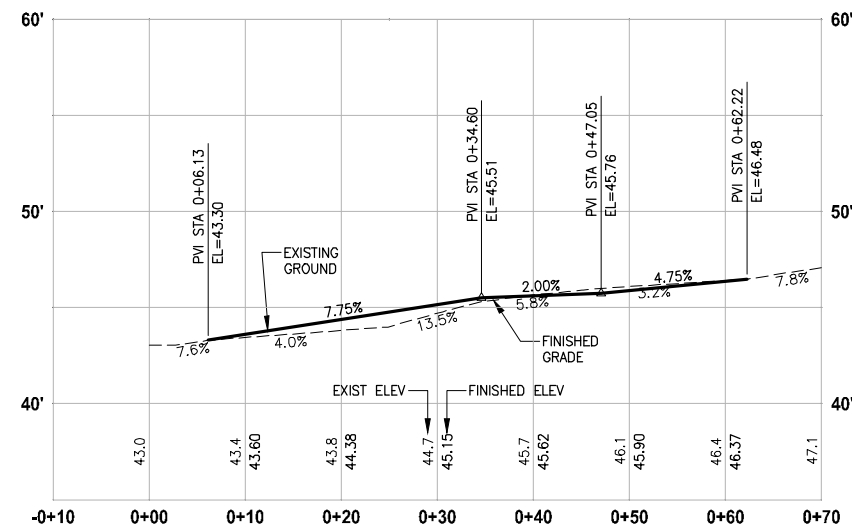
PLAN
SCALE IN FEET
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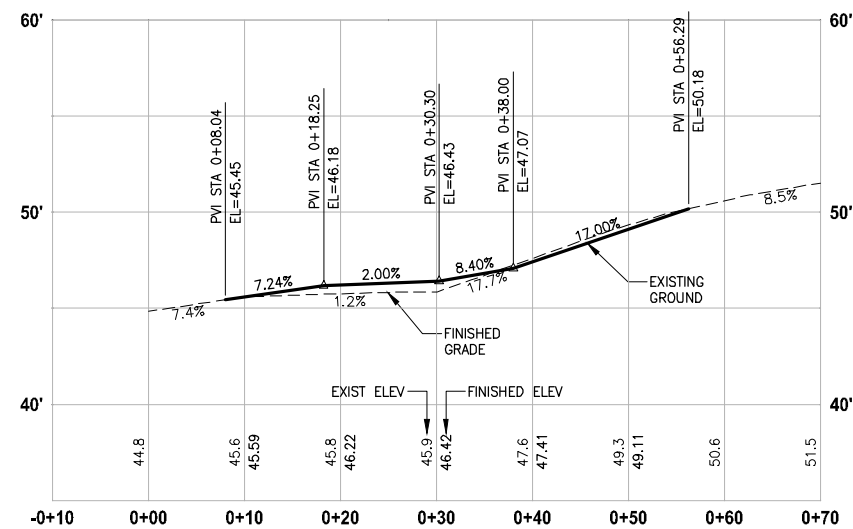
PLAN
SCALE IN FEET
0 10 20

NOTE:
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- LEGEND:**
- PATTERNED CONCRETE DRIVEWAY
 - HMA
 - GRAVEL DRIVEWAY
 - DRIVEWAY REMOVAL



DRIVEWAY #11 (SHEET AL22)
HORIZ: 1"=10'
VERT: 1"=5'



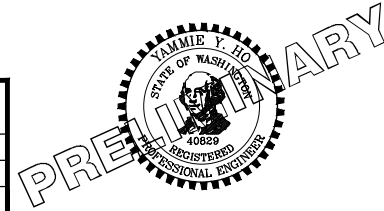
DRIVEWAY #12 (SHEET AL23)
HORIZ: 1"=10'
VERT: 1"=5'

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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FILE NAME: BL1521075P19T03DP-02
JOB No.: 564-1521-075 P19 T03
DATE: JULY 2017



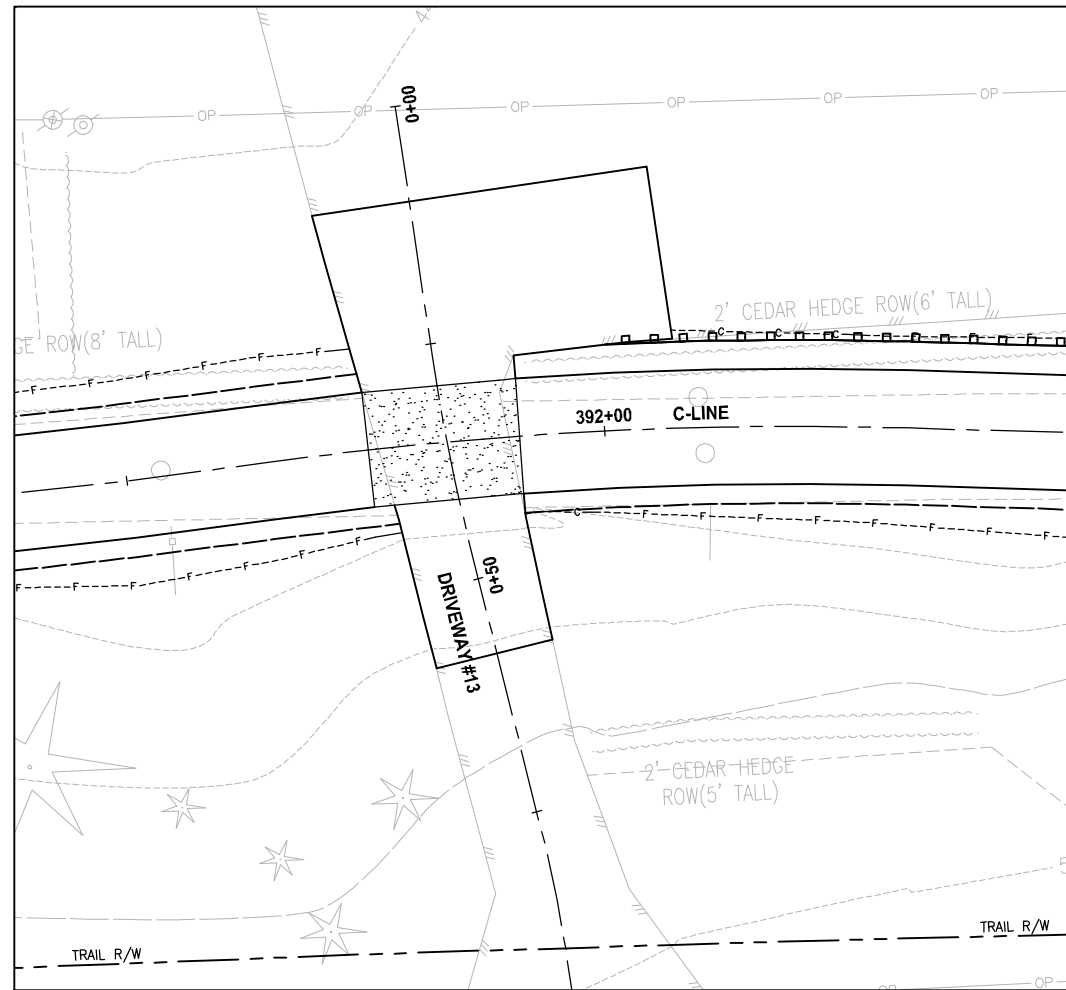
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
SAMMAMISH, WA

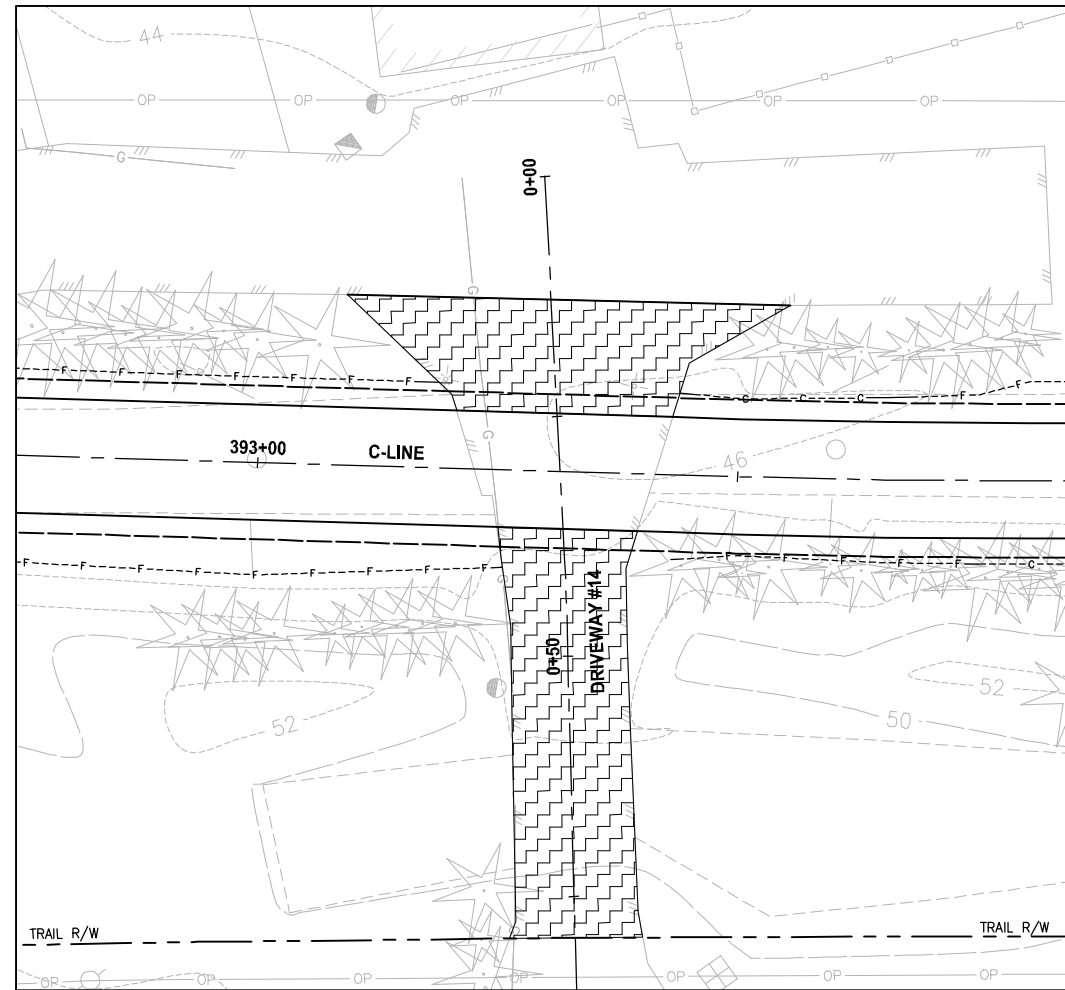
DRIVEWAY PLAN AND PROFILE

SHEET NO.
111 OF 158
DP6

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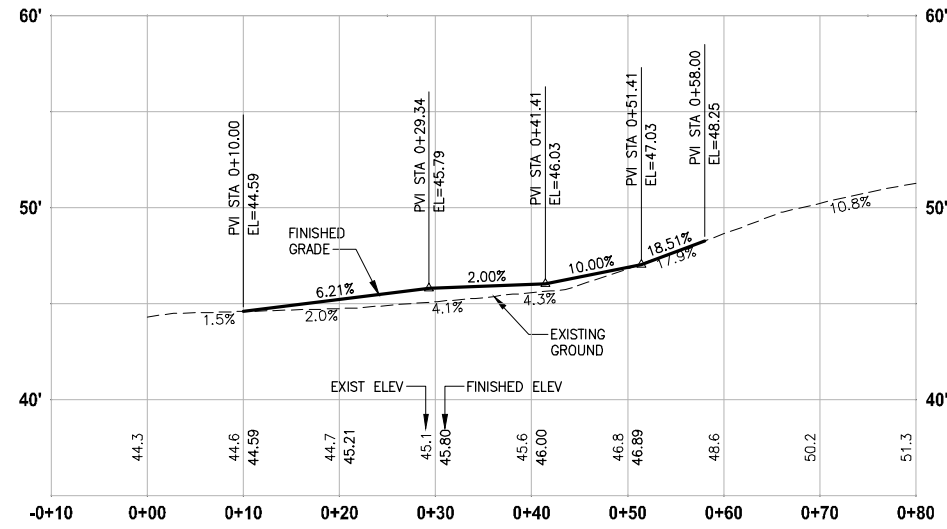
PLAN
SCALE IN FEET
0 10 20



PLAN
SCALE IN FEET
0 10 20

NOTE:
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- LEGEND:**
- PATTERNED CONCRETE DRIVEWAY
 - HMA
 - GRAVEL DRIVEWAY
 - DRIVEWAY REMOVAL



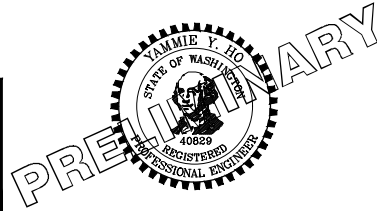
DRIVEWAY #13 (SHEET AL23)
HORIZ: 1"=10'
VERT: 1"=5'

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

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REVISIONS	DATE	BY	DESIGNED
			M. TSUN
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			P. JOHANNESSEN
			Y. HO

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JOB No.: 554-1521-075 P19 T03
DATE: JULY 2017



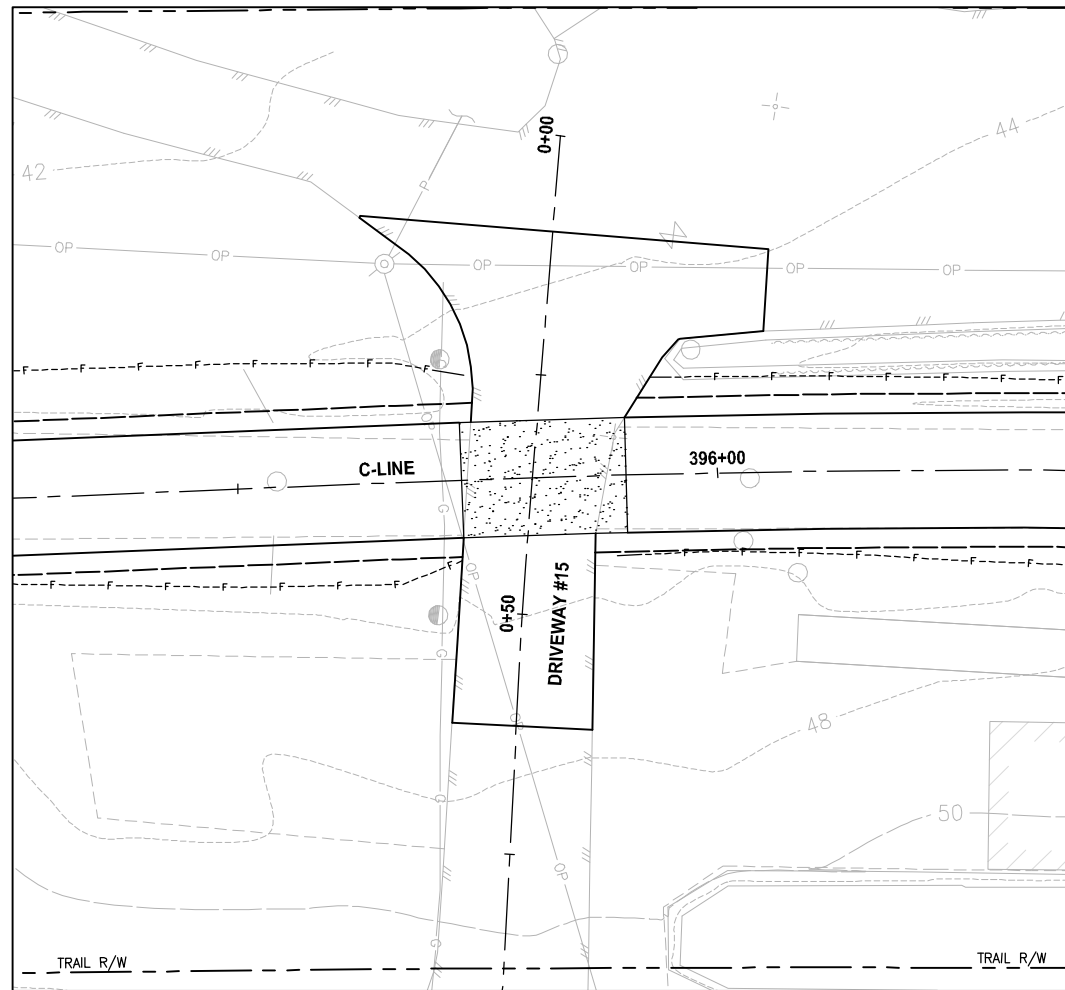
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PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

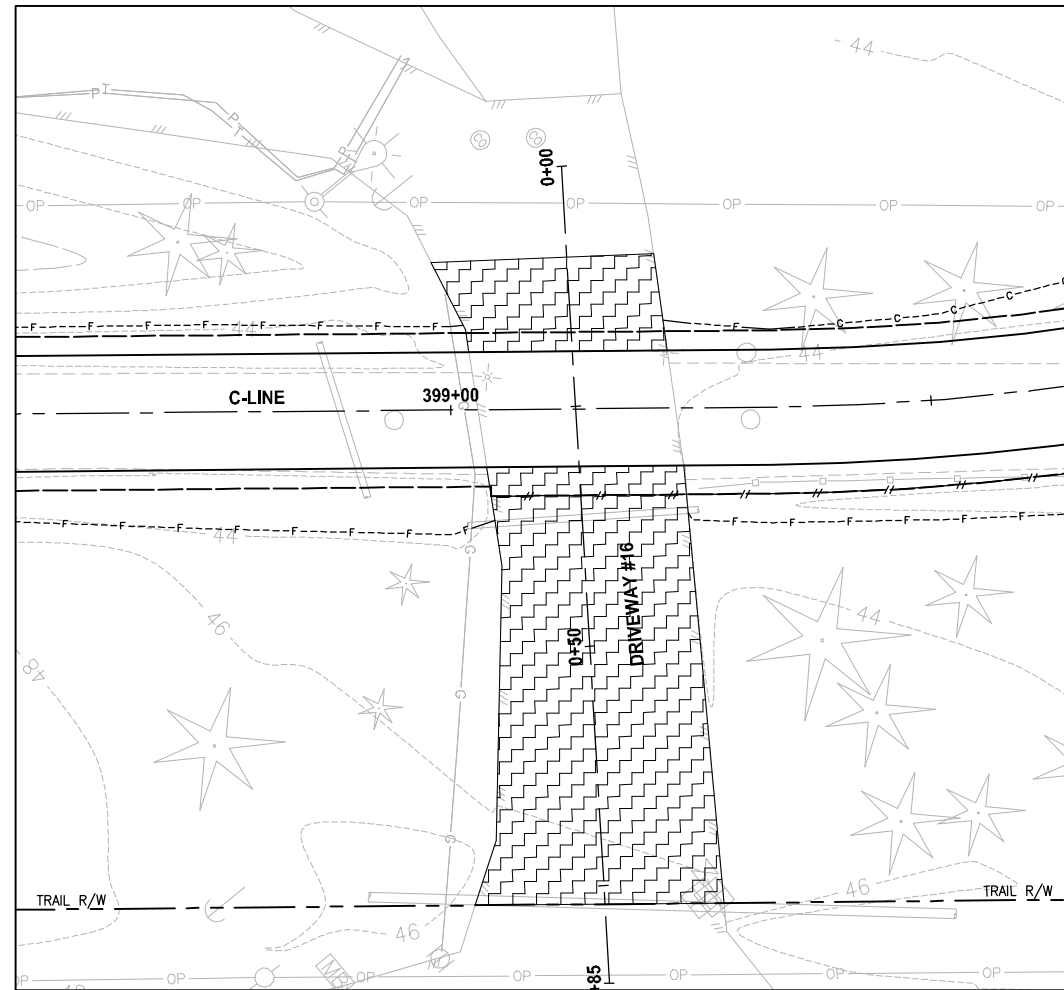
DRIVEWAY PLAN AND PROFILE

SHEET NO.
112 OF 158
DP7

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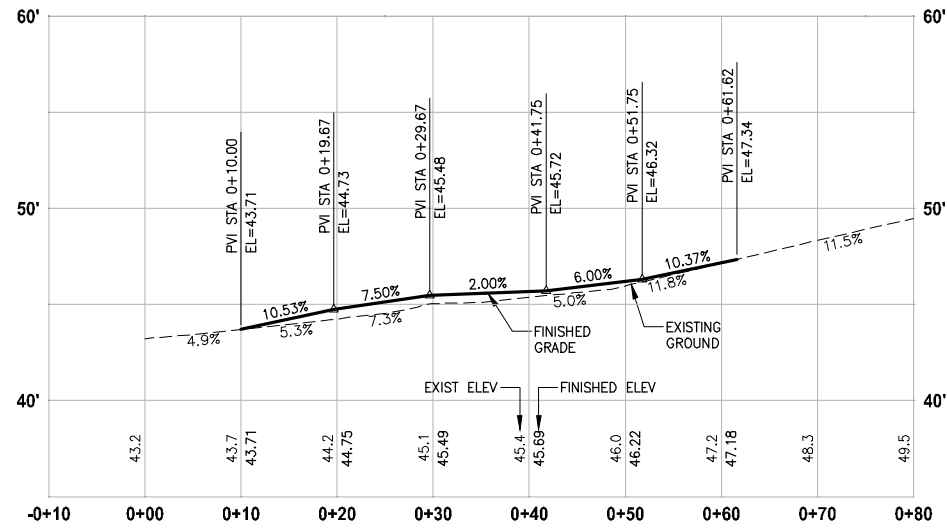
PLAN
SCALE IN FEET
0 10 20



PLAN
SCALE IN FEET
0 10 20

NOTE:
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- LEGEND:**
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 - HMA
 - GRAVEL DRIVEWAY
 - DRIVEWAY REMOVAL



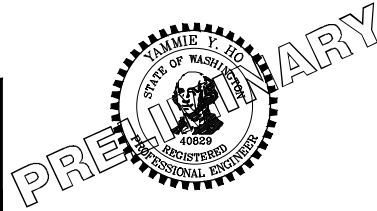
DRIVEWAY #15 (SHEET AL24)
HORIZ: 1"=10'
VERT: 1"=5'

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

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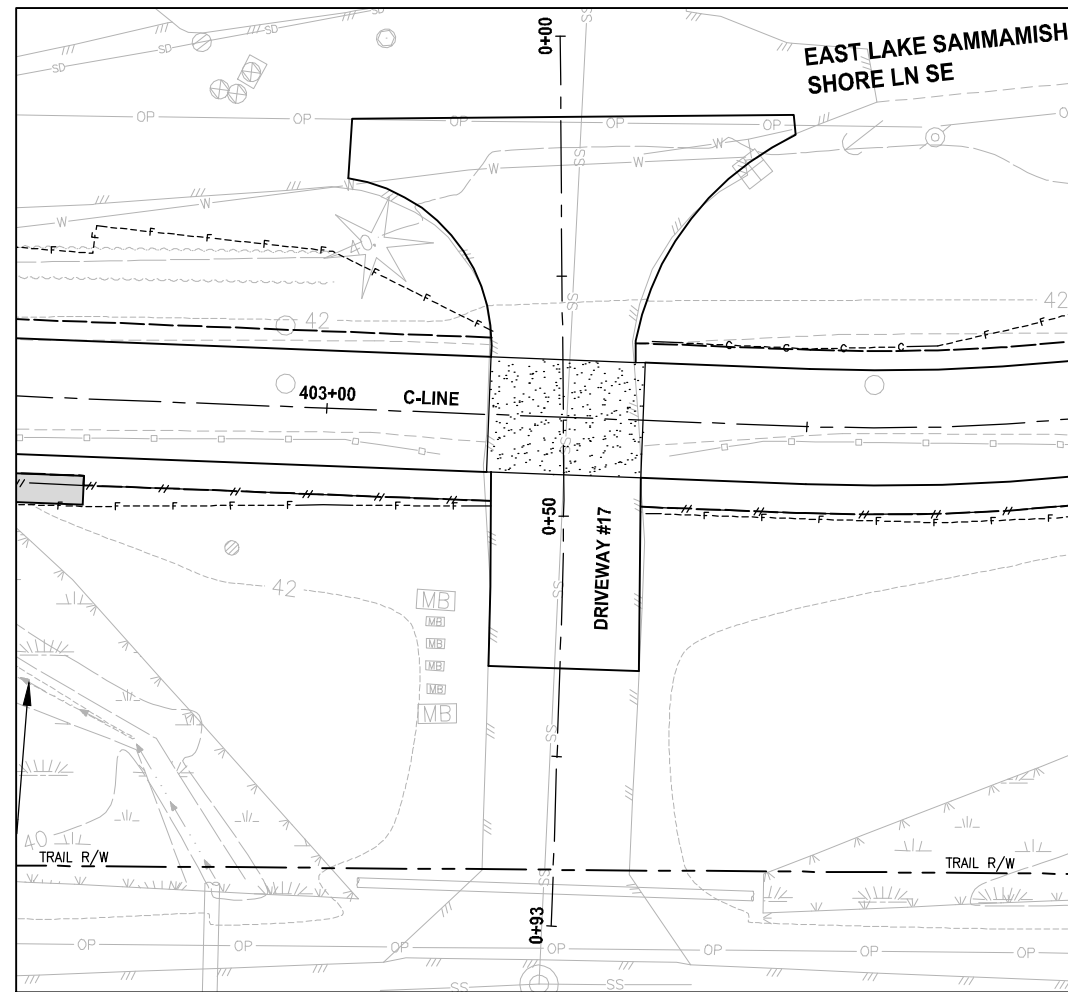
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
SAMMAMISH, WA

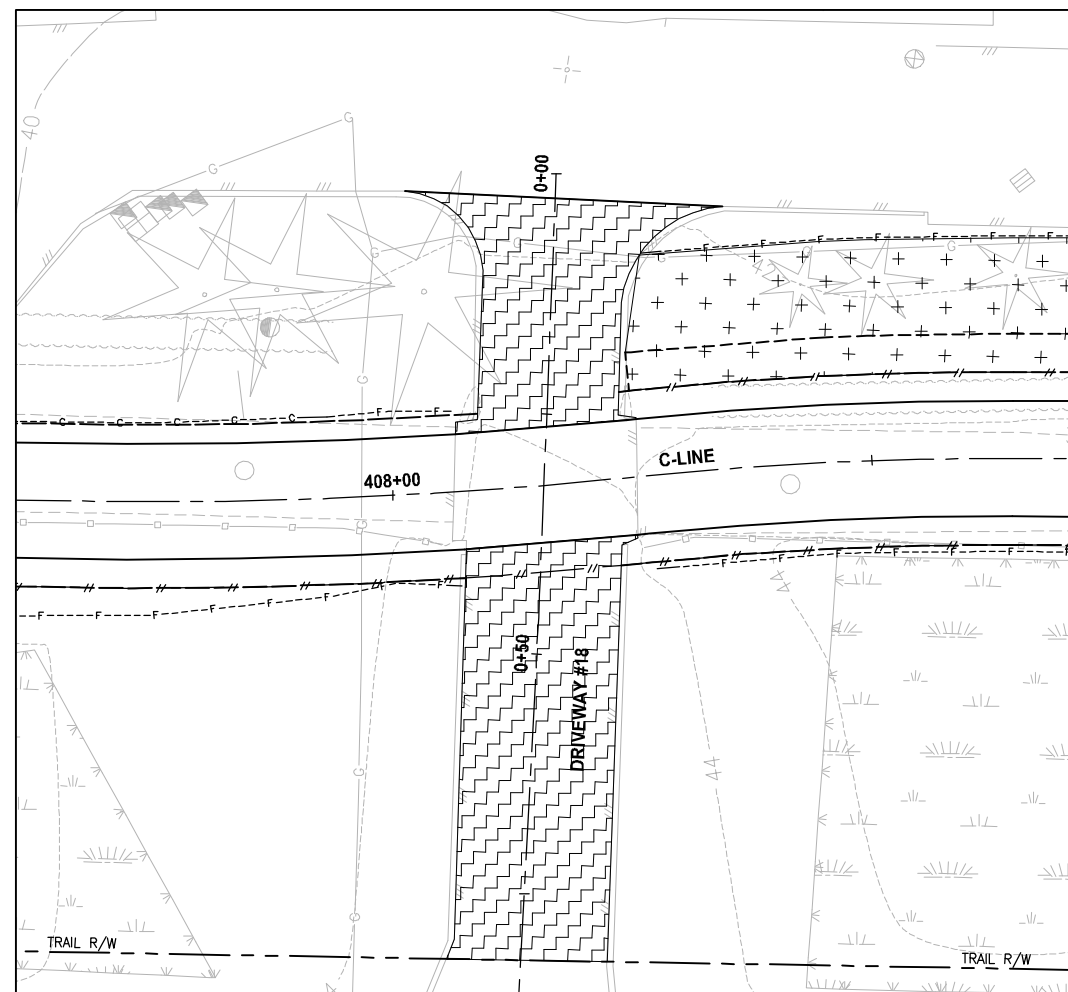
DRIVEWAY PLAN AND PROFILE

SHEET NO. 113 OF 158
DP8

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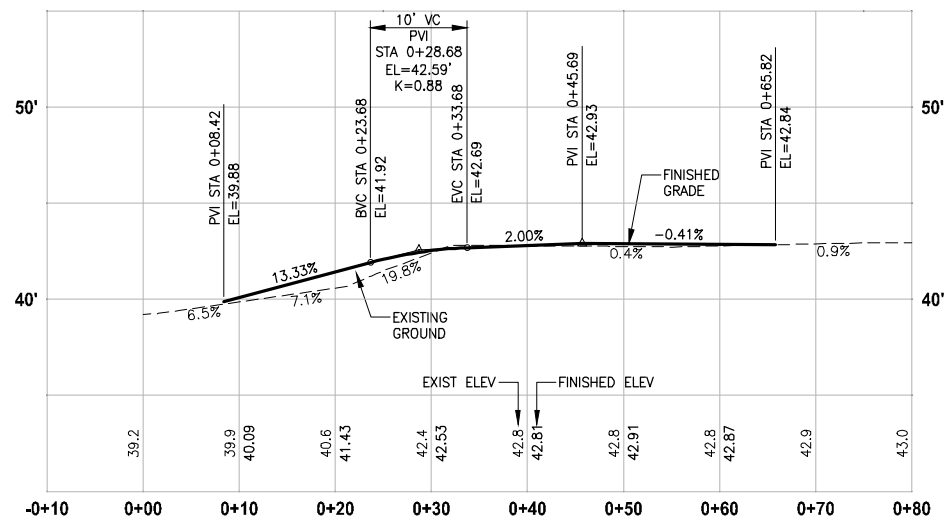
PLAN
SCALE IN FEET
0 10 20



PLAN
SCALE IN FEET
0 10 20

NOTE:
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- LEGEND:**
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 - HMA
 - GRAVEL DRIVEWAY
 - DRIVEWAY REMOVAL



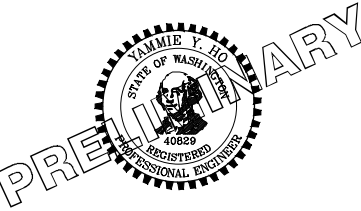
DRIVEWAY #17 (SHEET AL25)
HORIZ: 1"=10'
VERT: 1"=5'

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

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DATE: JULY 2017



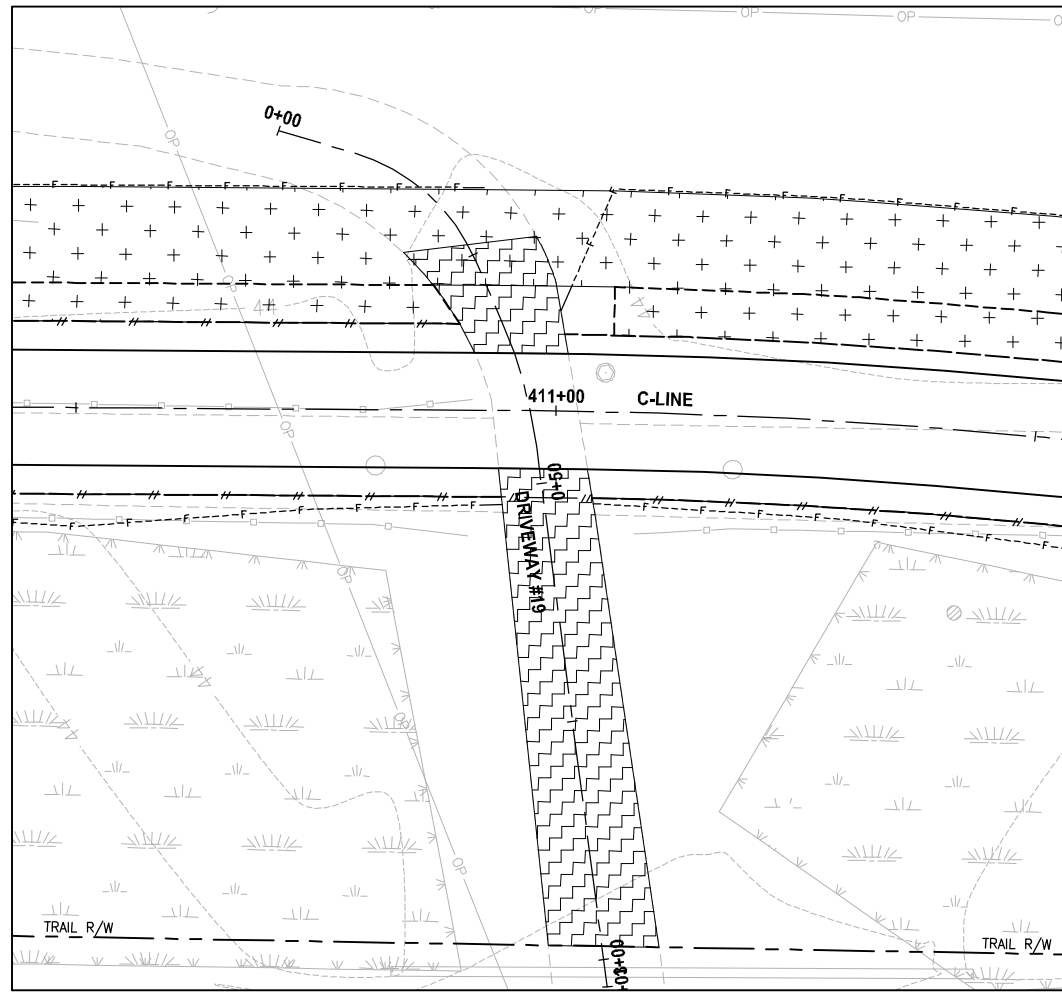
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PROJECT NAME
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SAMMAMISH, WA

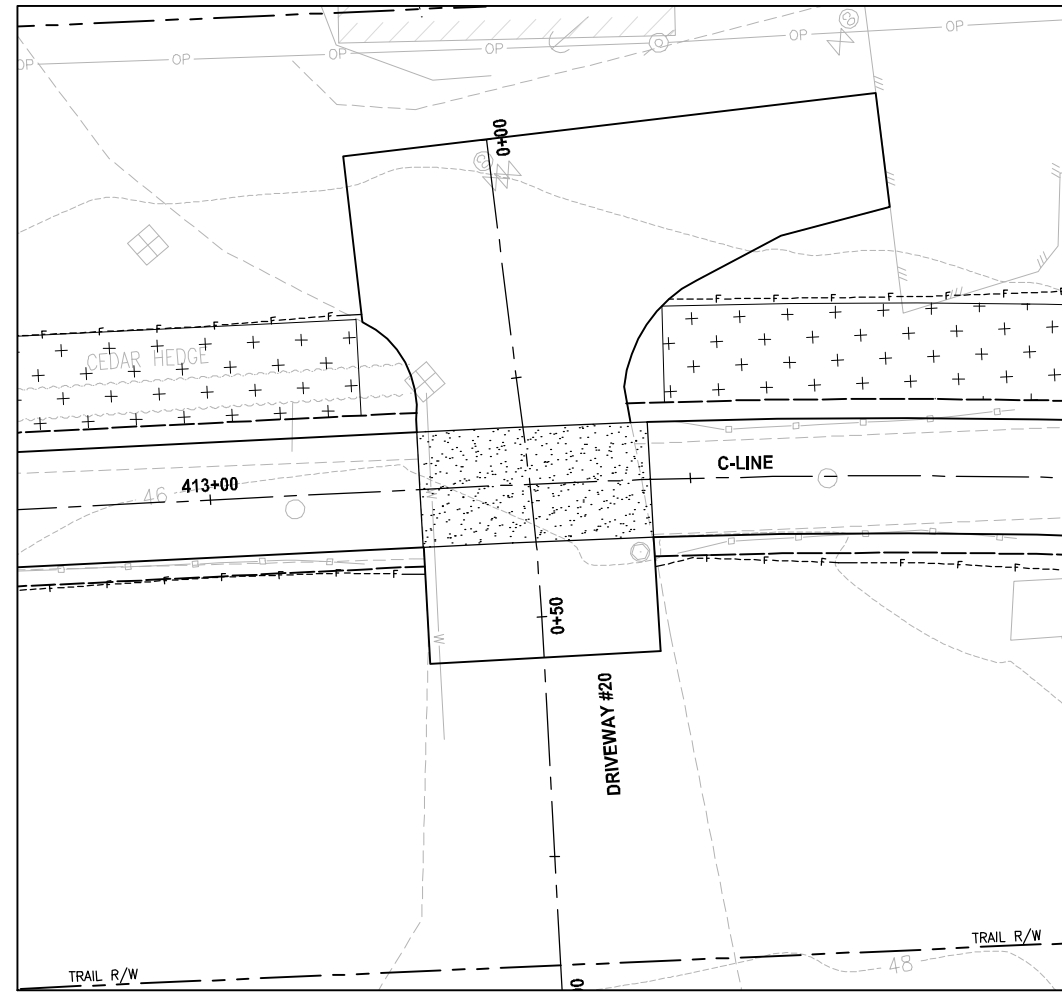
DRIVEWAY PLAN AND PROFILE

SHEET NO. 114 OF 158
DP9

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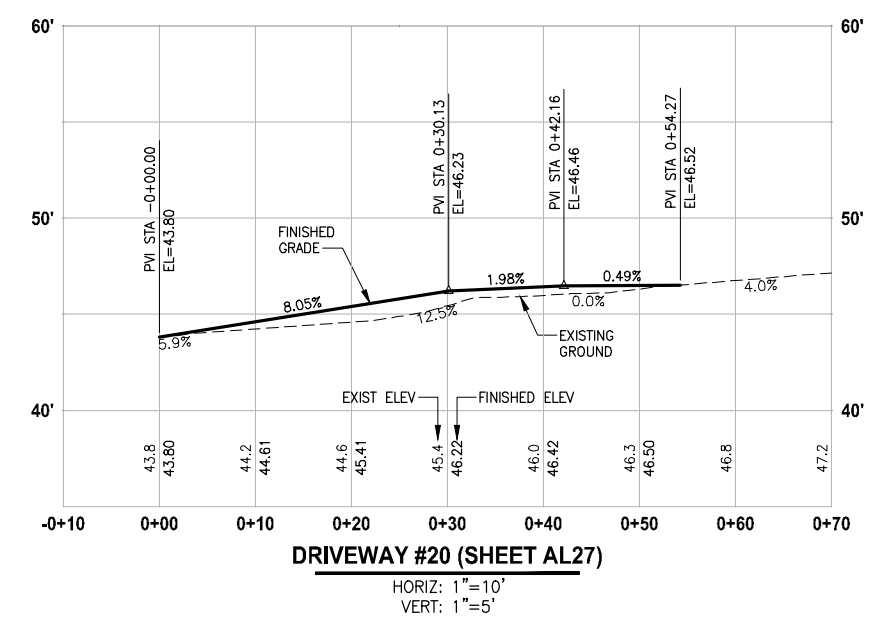
PLAN
SCALE IN FEET
0 10 20



PLAN
SCALE IN FEET
0 10 20

NOTE:
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- LEGEND:**
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 - HMA
 - GRAVEL DRIVEWAY
 - DRIVEWAY REMOVAL



DRIVEWAY #20 (SHEET AL27)

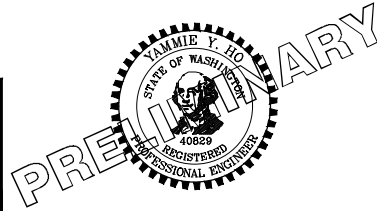
HORIZ: 1"=10'
VERT: 1"=5'

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

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JOB No.: 554-1521-075 P19 T03
DATE: JULY 2017



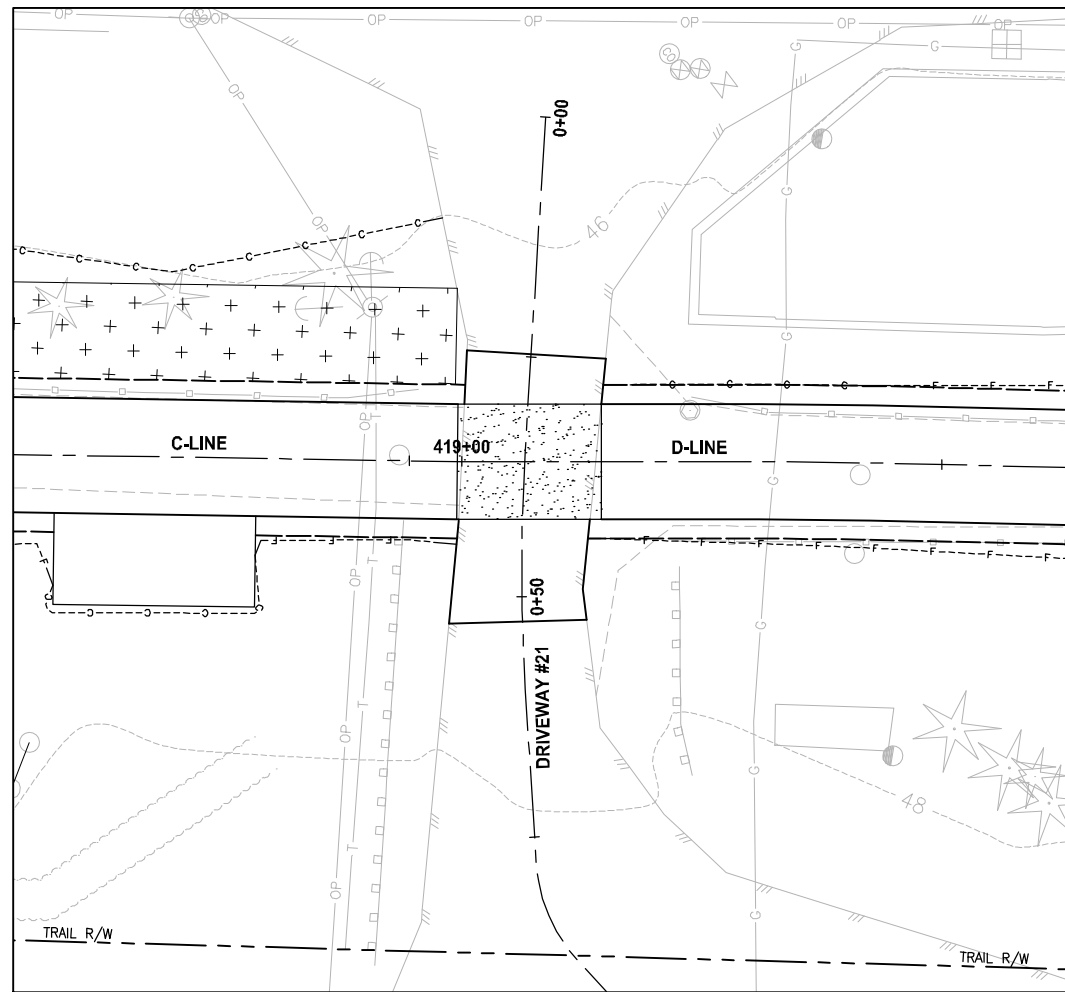
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
SAMMAMISH, WA

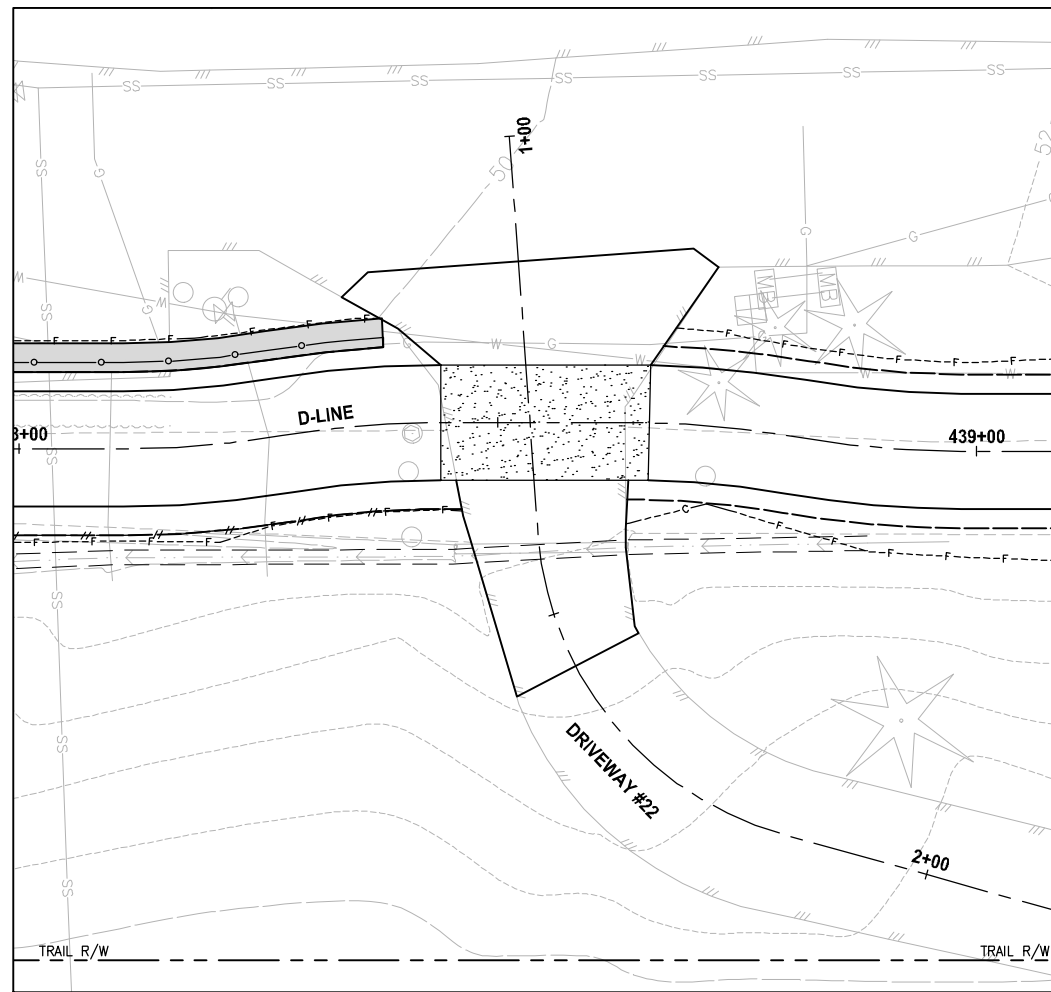
DRIVEWAY PLAN AND PROFILE

SHEET NO.
115 OF 158
DP10

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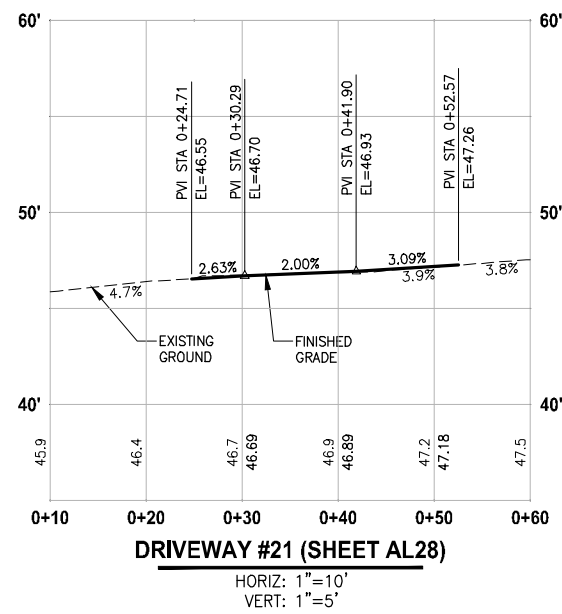
PLAN
 SCALE IN FEET
 0 10 20



PLAN
 SCALE IN FEET
 0 10 20

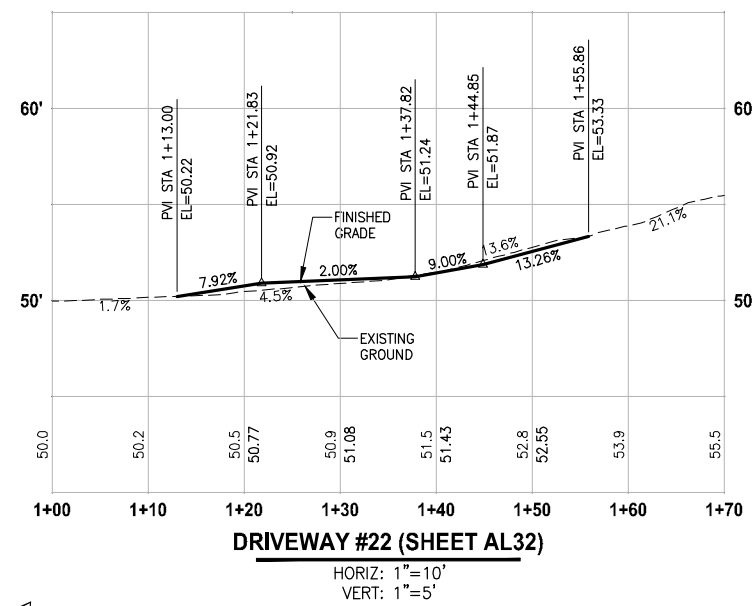
NOTE:
 1. DETAILED GRADING FOR DRIVEWAYS ARE NOT COMPLETE YET. PAVING LIMITS ARE SUBJECT TO CHANGE.

- LEGEND:**
- PATTERNED CONCRETE DRIVEWAY
 - HMA
 - GRAVEL DRIVEWAY
 - DRIVEWAY REMOVAL



DRIVEWAY #21 (SHEET AL28)

HORIZ: 1"=10'
 VERT: 1"=5'



DRIVEWAY #22 (SHEET AL32)

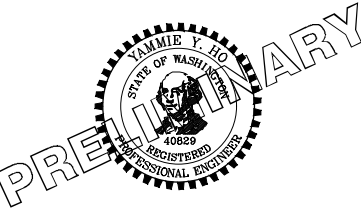
HORIZ: 1"=10'
 VERT: 1"=5'

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
 NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P19T03DP-03
 JOB No.: 554-1521-075 P19 T03
 DATE: JULY 2017

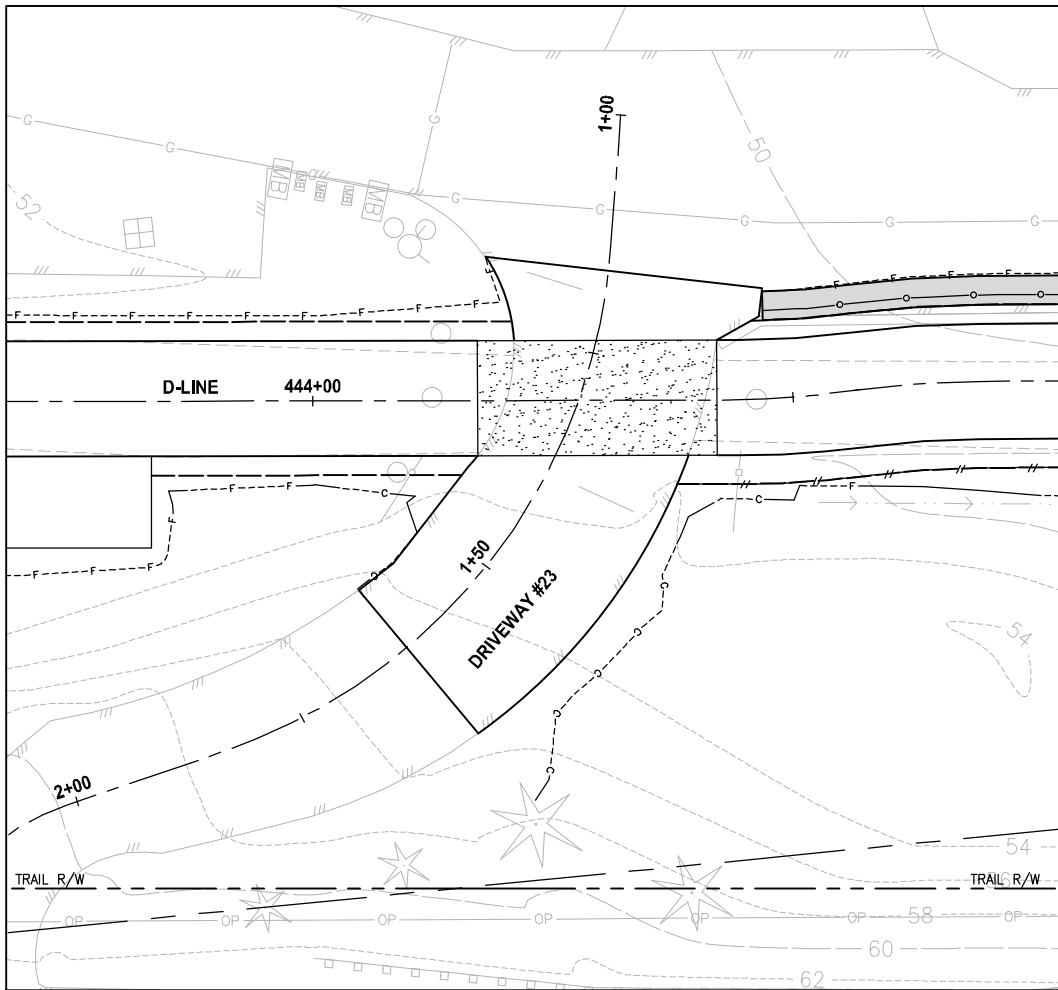


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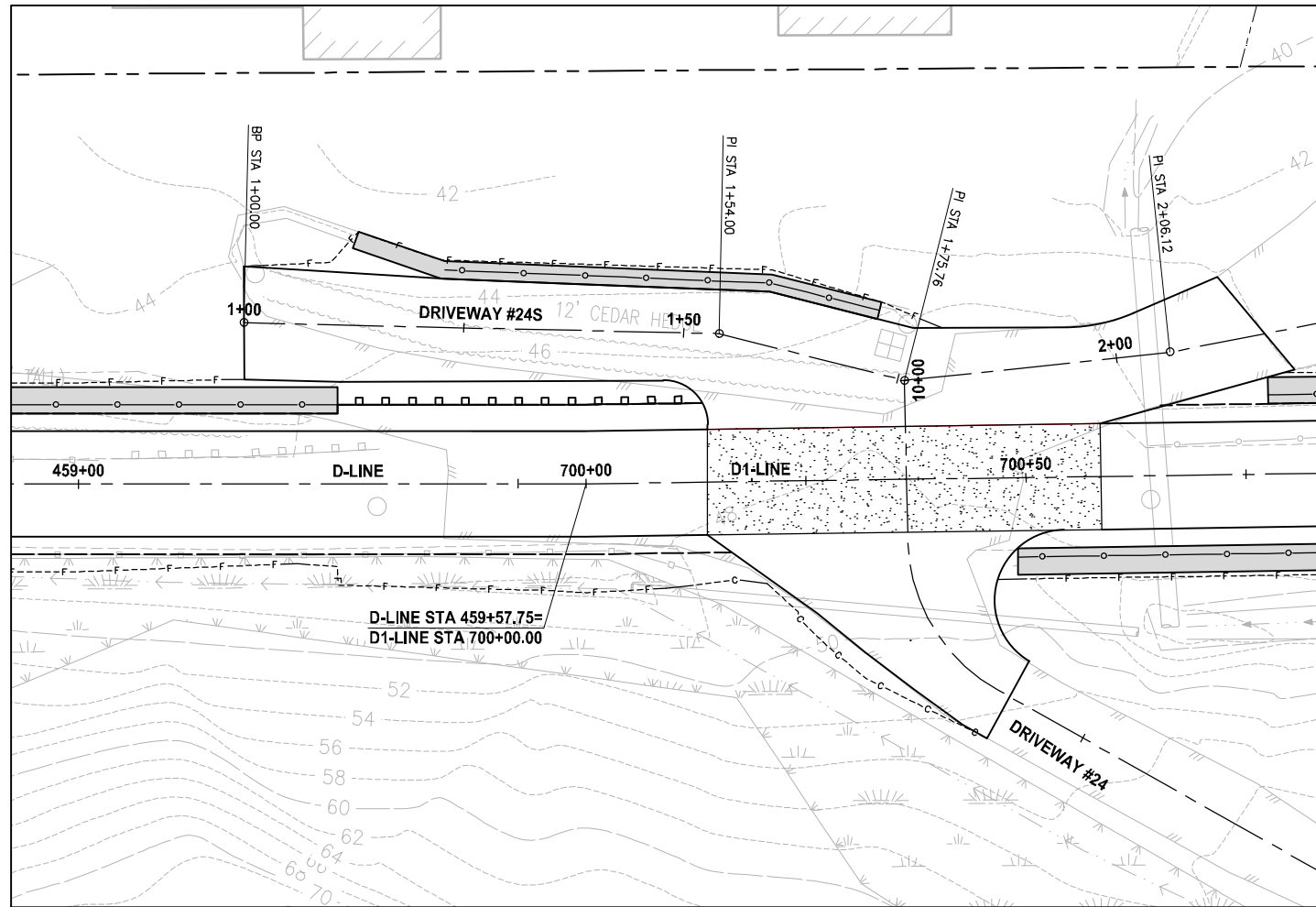
PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

DRIVEWAY PLAN AND PROFILE
 DP11

LAYOUT: DP12
 PATH: U:\PSO\Projects\Clients\1521-1521-075-ELST\98563\CA00\Phase 19\103_Civil\Draw\ PLOTTED BY: purgaban DATE: Friday, July 07, 2017 5:31:00 PM



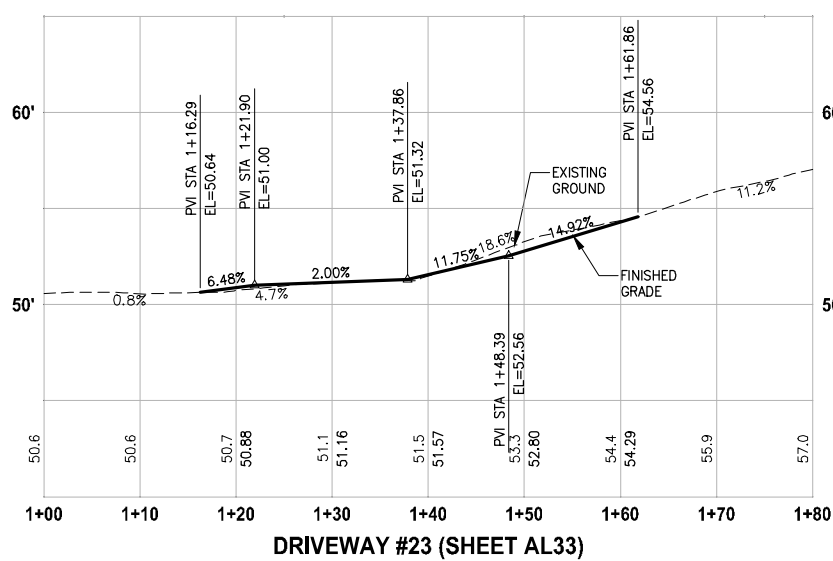
PLAN
SCALE IN FEET
0 10 20



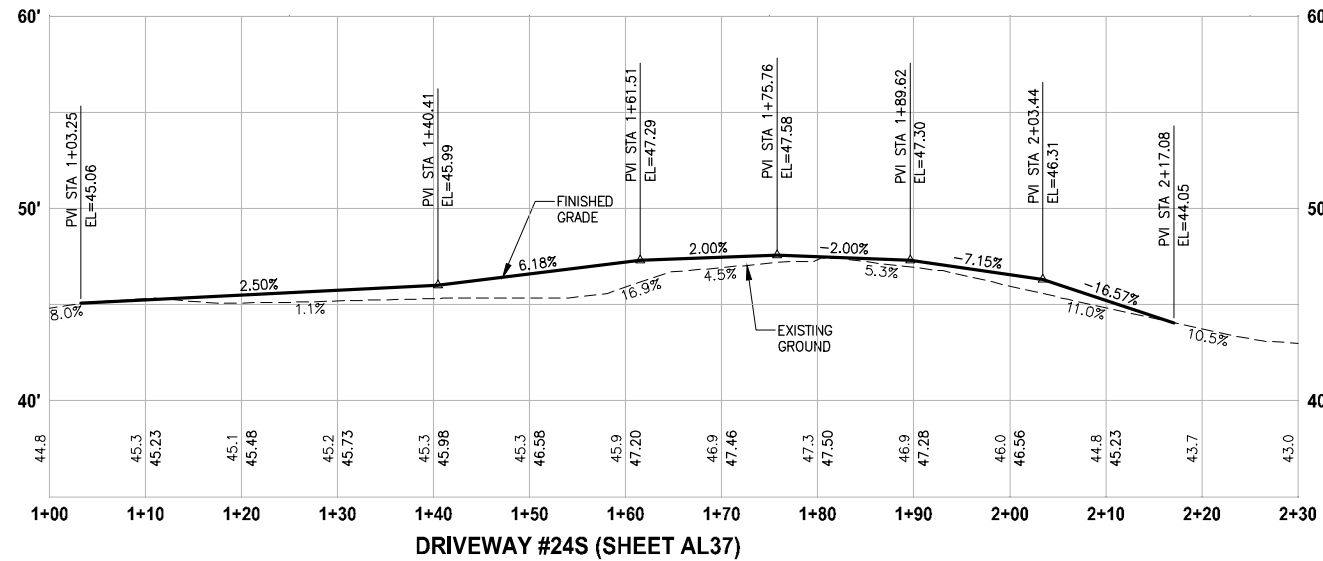
PLAN
SCALE IN FEET
0 10 20

NOTE:
1. DETAILED GRADING FOR DRIVEWAYS ARE NOT COMPLETE YET. PAVING LIMITS ARE SUBJECT TO CHANGE.

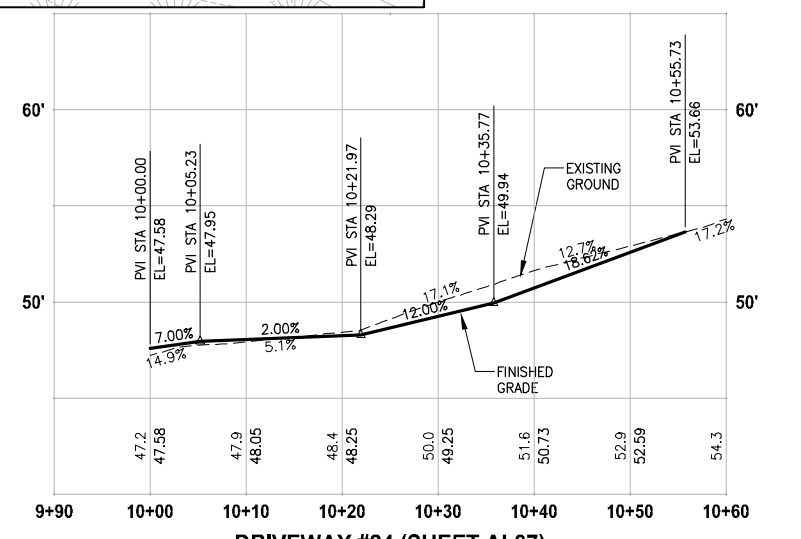
- LEGEND:**
- PATTERNED CONCRETE DRIVEWAY
 - HMA
 - GRAVEL DRIVEWAY
 - DRIVEWAY REMOVAL



DRIVEWAY #23 (SHEET AL33)
HORIZ: 1"=10'
VERT: 1"=5'



DRIVEWAY #24S (SHEET AL37)
HORIZ: 1"=10'
VERT: 1"=5'



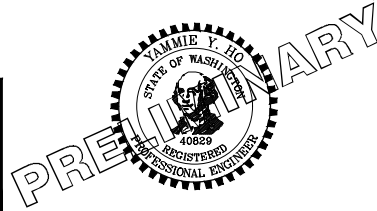
DRIVEWAY #24 (SHEET AL37)
HORIZ: 1"=10'
VERT: 1"=5'

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
FILE NAME: BL1521075P19T03DP-03
JOB No.: 534-1521-075 P19 T03
DATE: JULY 2017



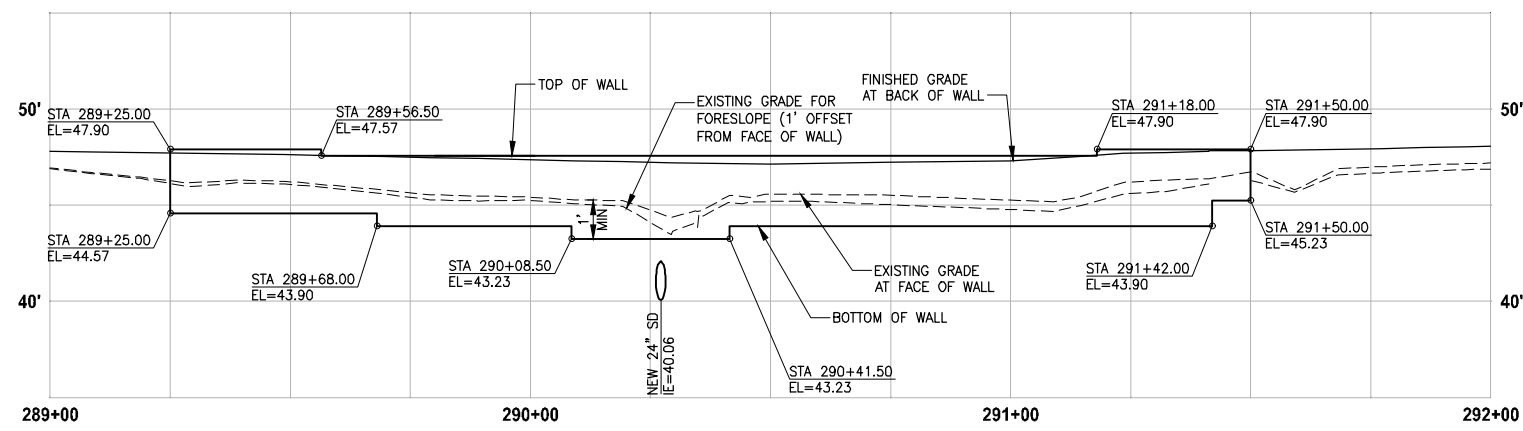
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
SAMMAMISH, WA

DRIVEWAY PLAN AND PROFILE

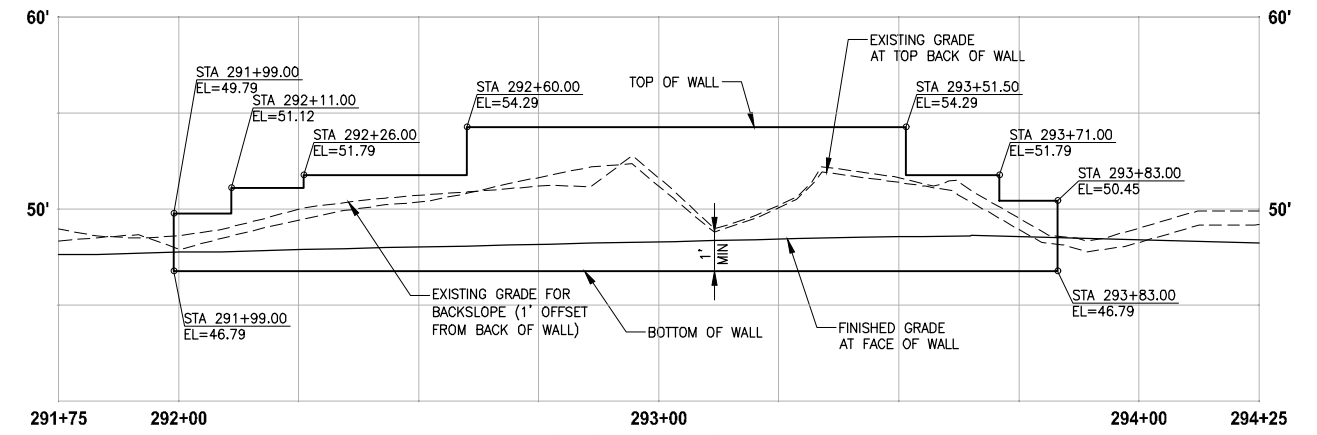
SHEET NO.
117 OF 158
DP12

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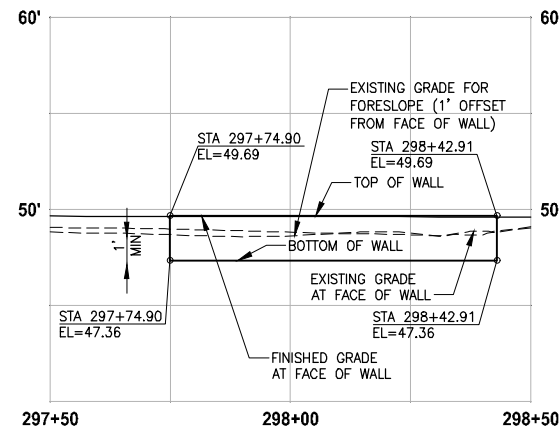
**LEFT STRUCTURAL EARTH WALL
WALL #1 (FILL) B-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



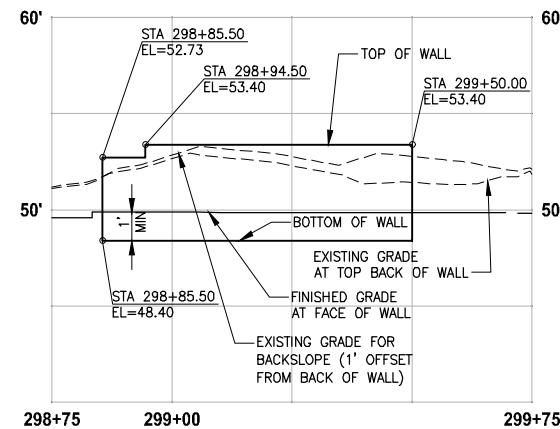
**RIGHT GRAVITY BLOCK WALL
WALL #2 (CUT) B-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



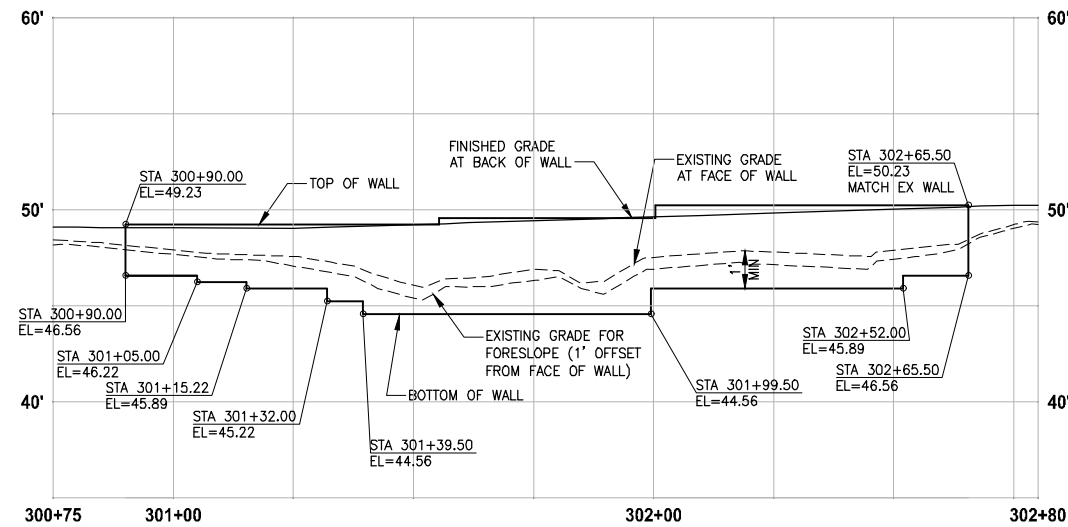
**LEFT STRUCTURAL EARTH WALL
WALL #3B (FILL) B-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



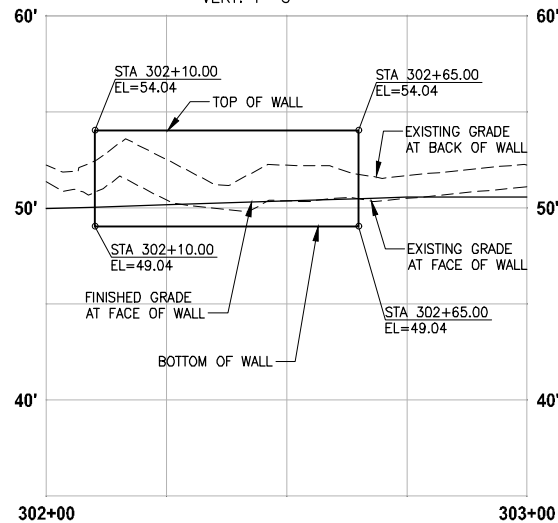
**RIGHT GRAVITY BLOCK WALL
WALL #3C (CUT) B-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



**LEFT STRUCTURAL EARTH WALL
WALL #4 (FILL) B-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



**RIGHT GRAVITY BLOCK WALL
WALL #4A (CUT) B-LINE**

HORIZ: 1"=20'
VERT: 1"=5'

NOTES:

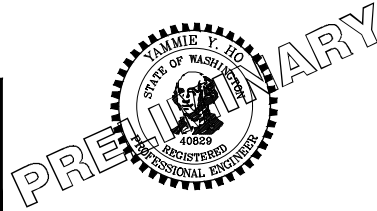
- UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATIONS AND DEPTH, AS AUTHORIZED BY THE ENGINEER.
- PVC SLEEVE 4 IN. DIA, 10 LF CENTERED AT WALL. SEE SPECIAL PROVISIONS.
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- ELEVATIONS AT STAIRS ALONG FACE OF TRAIL WALL ARE 4" LOWER THAN TOP OF THE TRAIL WALL ELEVATION.
- DETAILED LAYOUT FOR WALL STEPS AND WALLS FOR STAIRS ARE NOT COMPLETE YET. ELEVATIONS SHOWN ARE PRELIMINARY AND ARE SUBJECT TO CHANGE.

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P19T03WP-01
 JOB No: 554-1521-075 P19 T03
 DATE: JULY 2017



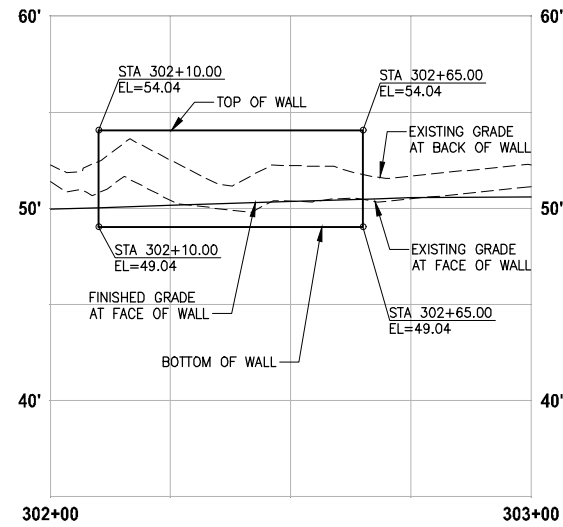
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PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

WALL PROFILES

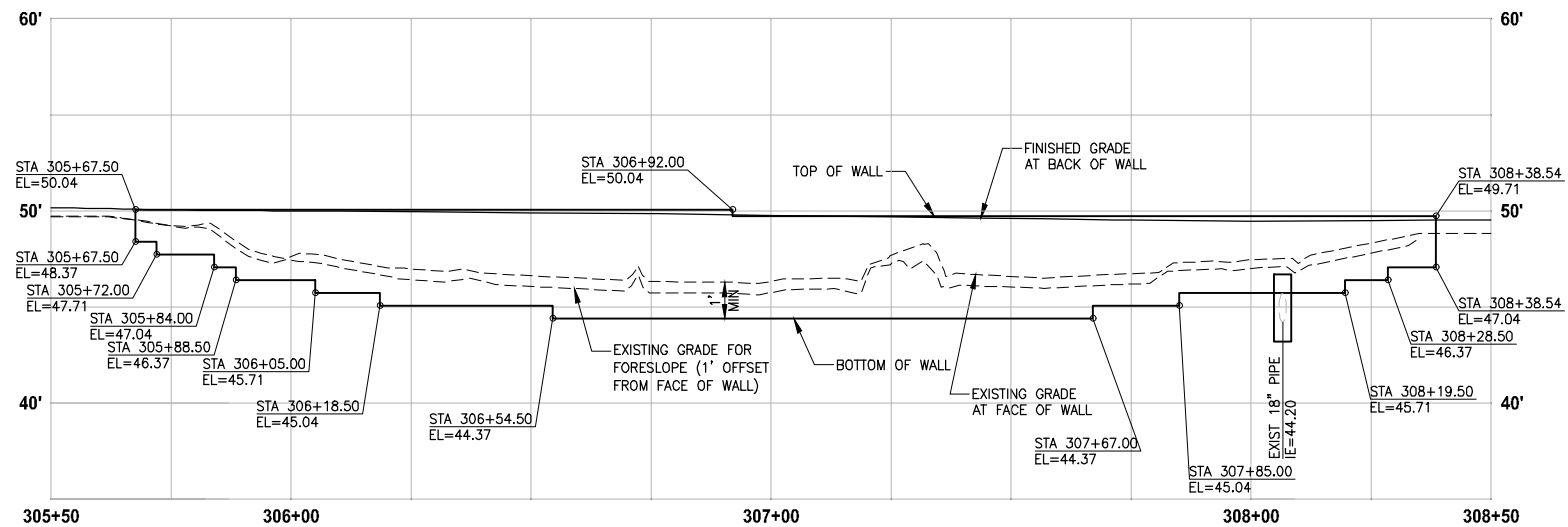
SHEET NO.
118 OF 158
WP1

PATH: U:\PSO\Projects\Clients\1521-KingCo\564-1521-075-ELST\985\Sec\CA00\Phase 19\T03_Civil\DWG\ PLOTTED BY: purgaban DATE: Friday, July 07, 2017 5:33:57 PM LAYOUT: WP2



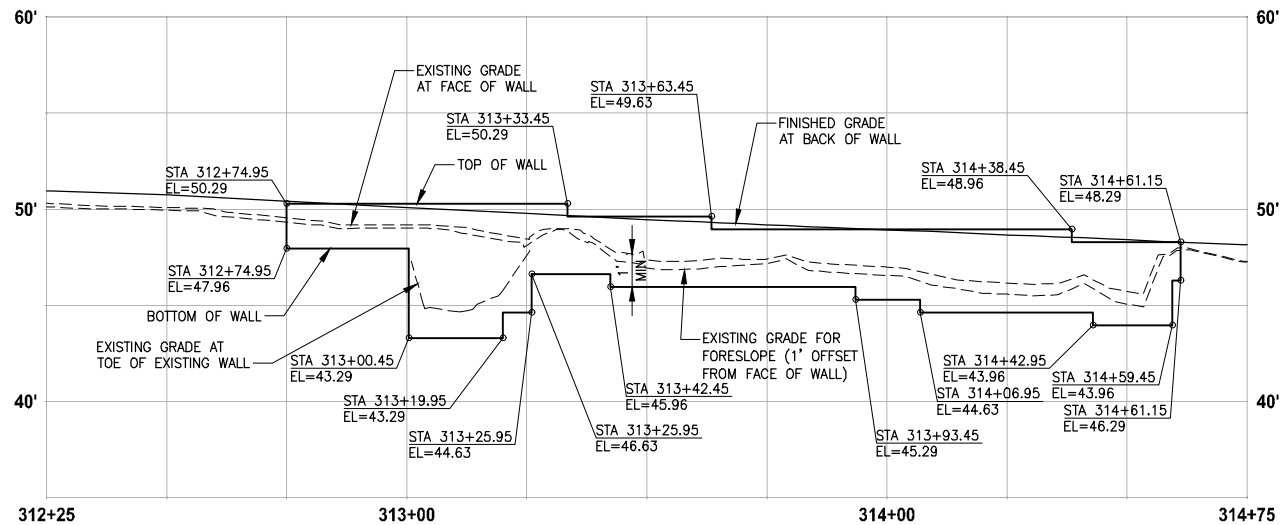
**RIGHT GRAVITY BLOCK WALL
WALL #4A (CUT) B-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



**LEFT STRUCTURAL EARTH WALL
WALL #5 (FILL) B-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



**LEFT STRUCTURAL EARTH WALL
WALL #8 (FILL) B-LINE**

HORIZ: 1"=20'
VERT: 1"=5'

NOTES:

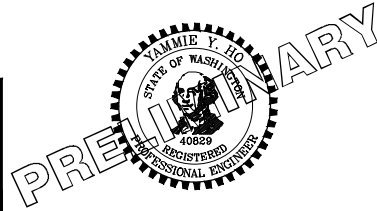
1. UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATIONS AND DEPTH, AS AUTHORIZED BY THE ENGINEER.
2. PVC SLEEVE 4 IN. DIA, 10 LF CENTERED AT WALL. SEE SPECIAL PROVISIONS.
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4. ELEVATIONS AT STAIRS ALONG FACE OF TRAIL WALL ARE 4" LOWER THAN TOP OF THE TRAIL WALL ELEVATION.
5. DETAILED LAYOUT FOR WALL STEPS AND WALLS FOR STAIRS ARE NOT COMPLETE YET. ELEVATIONS SHOWN ARE PRELIMINARY AND ARE SUBJECT TO CHANGE.

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
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REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
FILE NAME: BL1521075P19T03WP-01
JOB No: 564-1521-075 P19 T03
DATE: JULY 2017



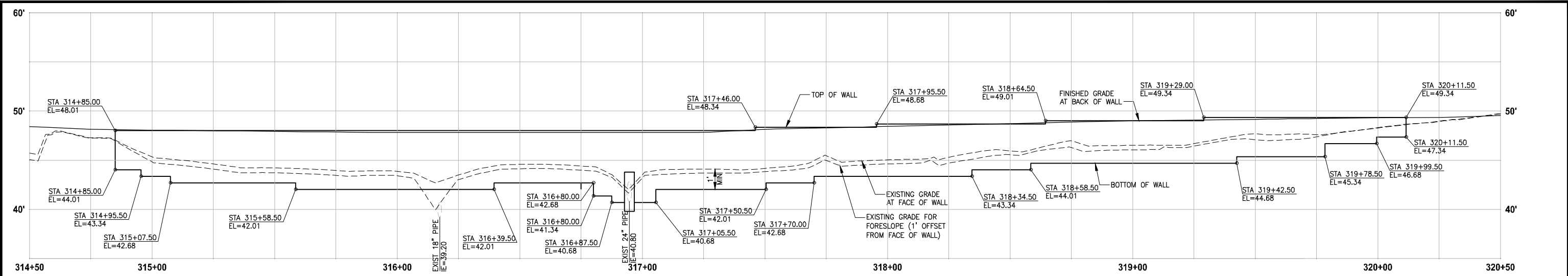
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PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

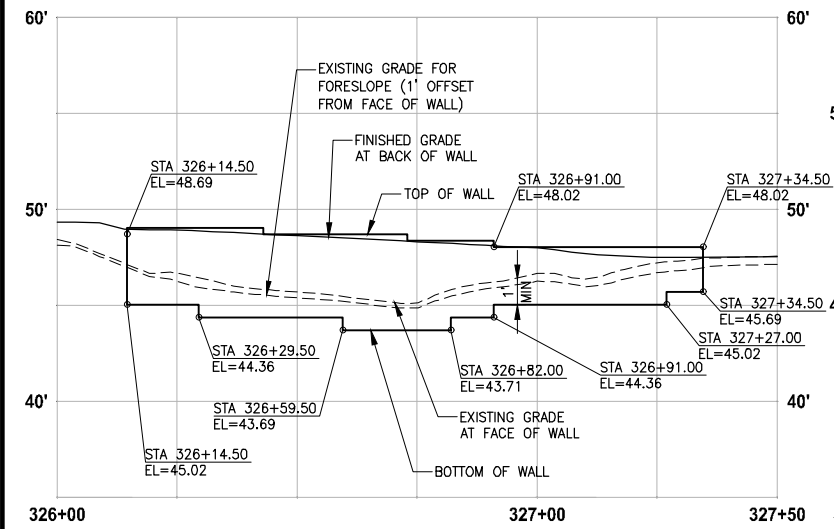
WALL PROFILES

SHEET NO.
119 OF 158
WP2

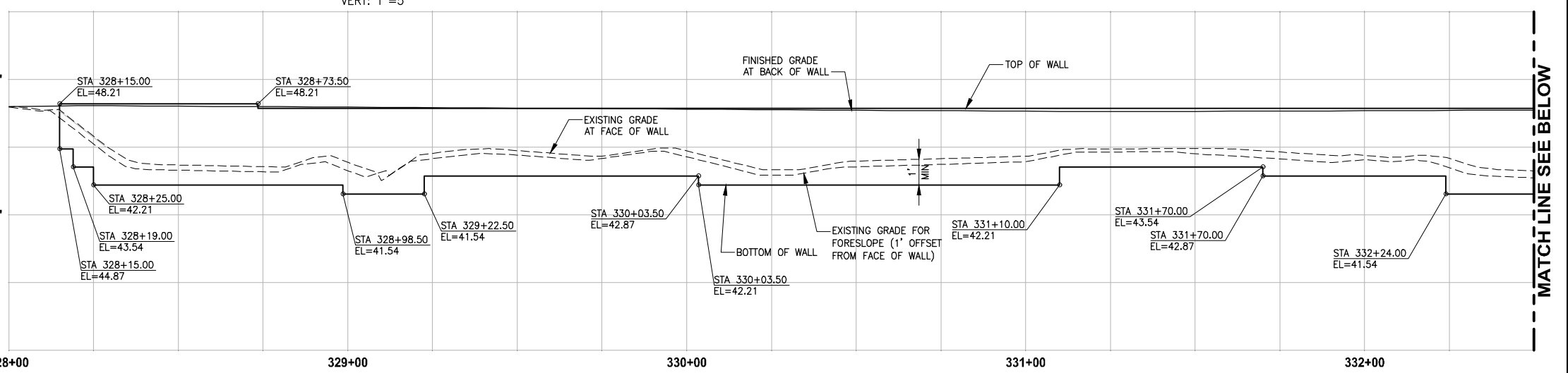
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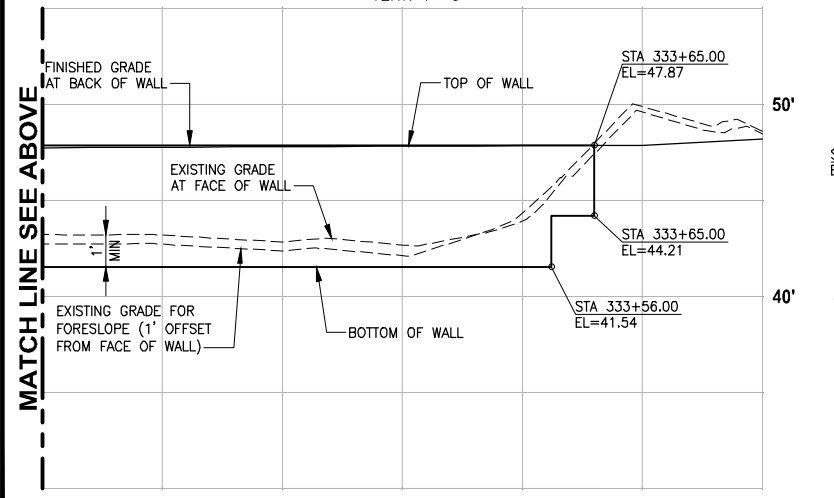
**LEFT STRUCTURAL EARTH WALL
 WALL #9 (FILL) B-LINE**
 HORIZ: 1"=20'
 VERT: 1"=5'



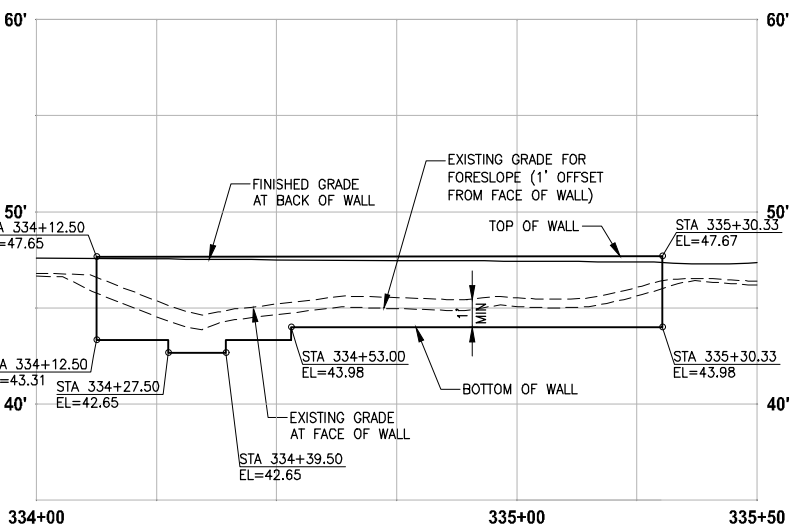
**LEFT STRUCTURAL EARTH WALL
 WALL #10 (FILL) B-LINE**
 HORIZ: 1"=20'
 VERT: 1"=5'



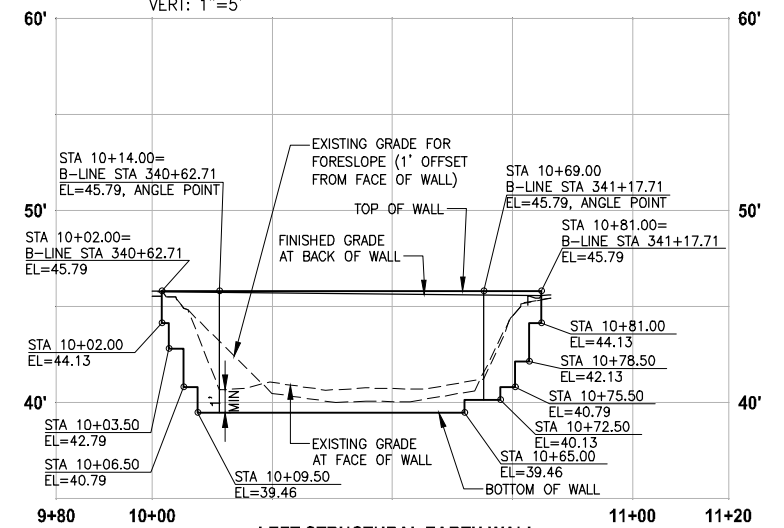
**RIGHT STRUCTURAL EARTH WALL
 WALL #11 (FILL) B-LINE**
 HORIZ: 1"=20'
 VERT: 1"=5'



**RIGHT STRUCTURAL EARTH WALL
 WALL #11 (FILL) B-LINE**
 HORIZ: 1"=20'
 VERT: 1"=5'



**LEFT STRUCTURAL EARTH WALL
 WALL #12A (FILL) B-LINE**
 HORIZ: 1"=20'
 VERT: 1"=5'



**LEFT STRUCTURAL EARTH WALL
 WALL #12B (FILL) B-LINE**
 HORIZ: 1"=20'
 VERT: 1"=5'

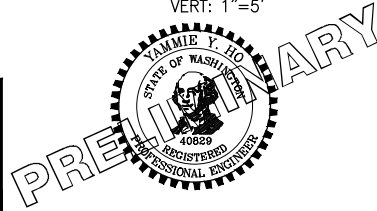
- NOTES:**
- UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATIONS AND DEPTH, AS AUTHORIZED BY THE ENGINEER.
 - PVC SLEEVE 4 IN. DIA. 10 LF CENTERED AT WALL. SEE SPECIAL PROVISIONS.
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CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
 NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

**ONE INCH AT FULL SCALE,
 IF NOT, SCALE ACCORDINGLY**
 FILE NAME: BL1521075P19T03WP-01
 JOB No: 1521-075 P19 T03
 DATE: JULY 2017

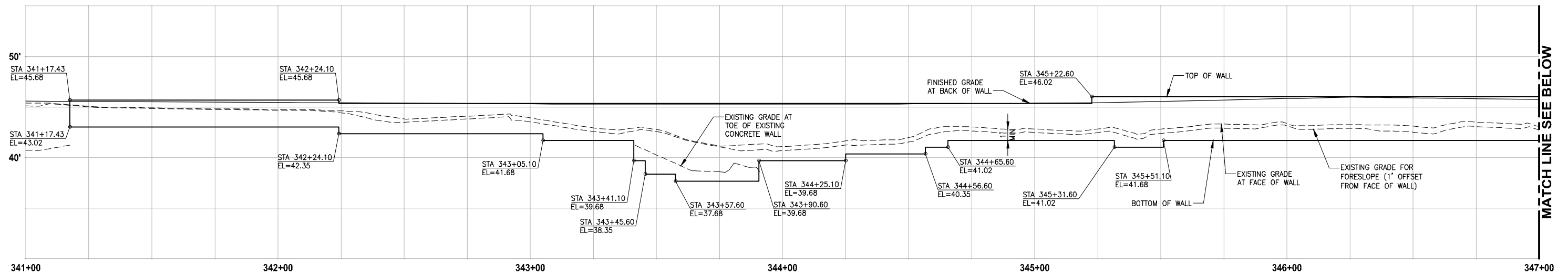


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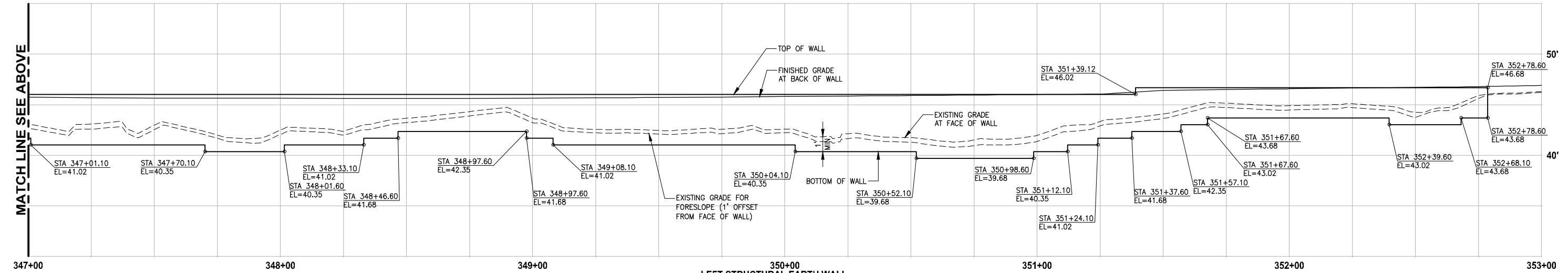
PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

WALL PROFILES
 SHEET NO.
 120 OF 158
WP3

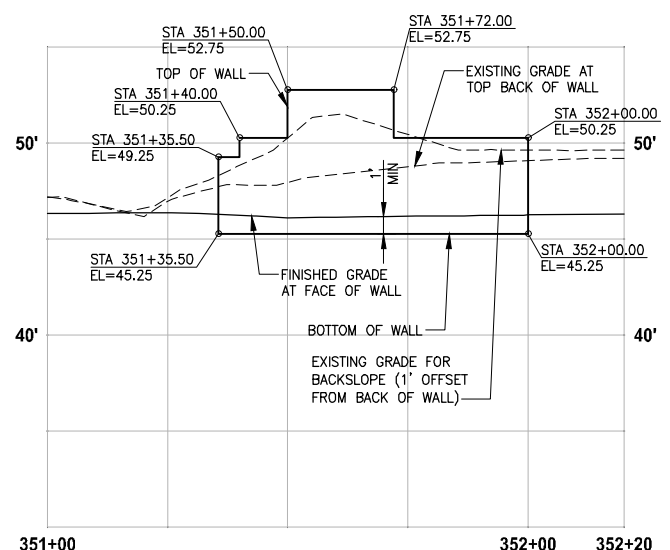
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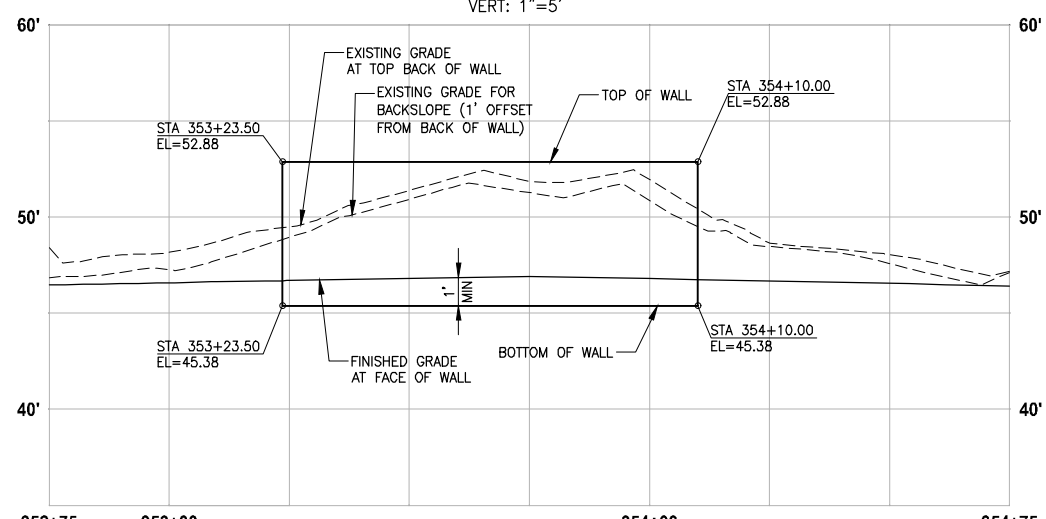
344+00
LEFT STRUCTURAL EARTH WALL
WALL #13 (FILL) B-LINE
 HORIZ: 1"=20'
 VERT: 1"=5'



350+00
LEFT STRUCTURAL EARTH WALL
WALL #13 (FILL) B-LINE
 HORIZ: 1"=20'
 VERT: 1"=5'



352+00
RIGHT GRAVITY BLOCK WALL
WALL #13A (CUT) B-LINE
 HORIZ: 1"=20'
 VERT: 1"=5'



354+00
RIGHT GRAVITY BLOCK WALL
WALL #14 (CUT) B-LINE
 HORIZ: 1"=20'
 VERT: 1"=5'

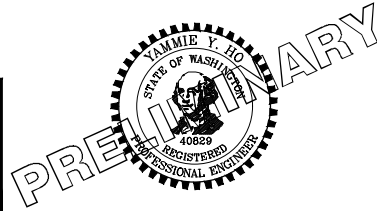
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 FILE NAME: BL1521075P19T03WP-01
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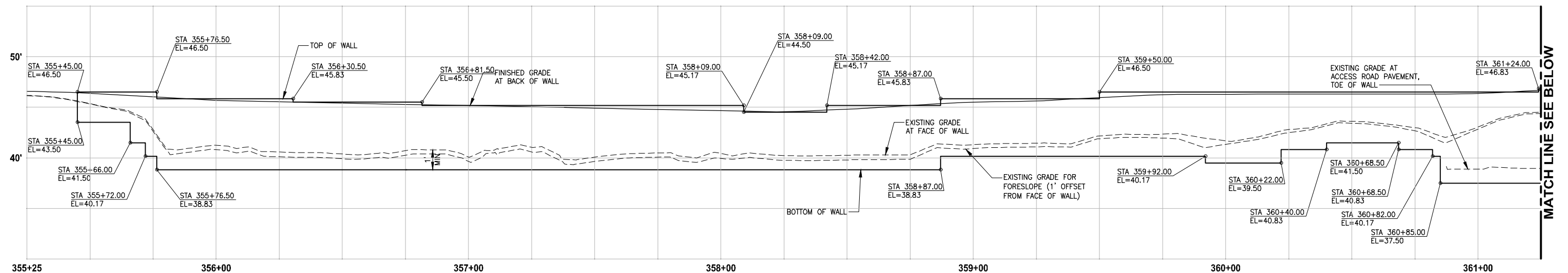
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PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

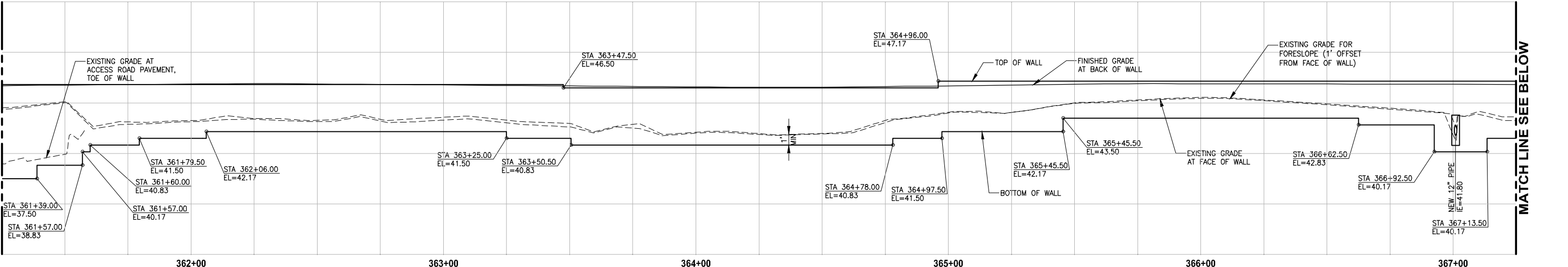
WALL PROFILES

SHEET NO.
 121 OF 158
WP4

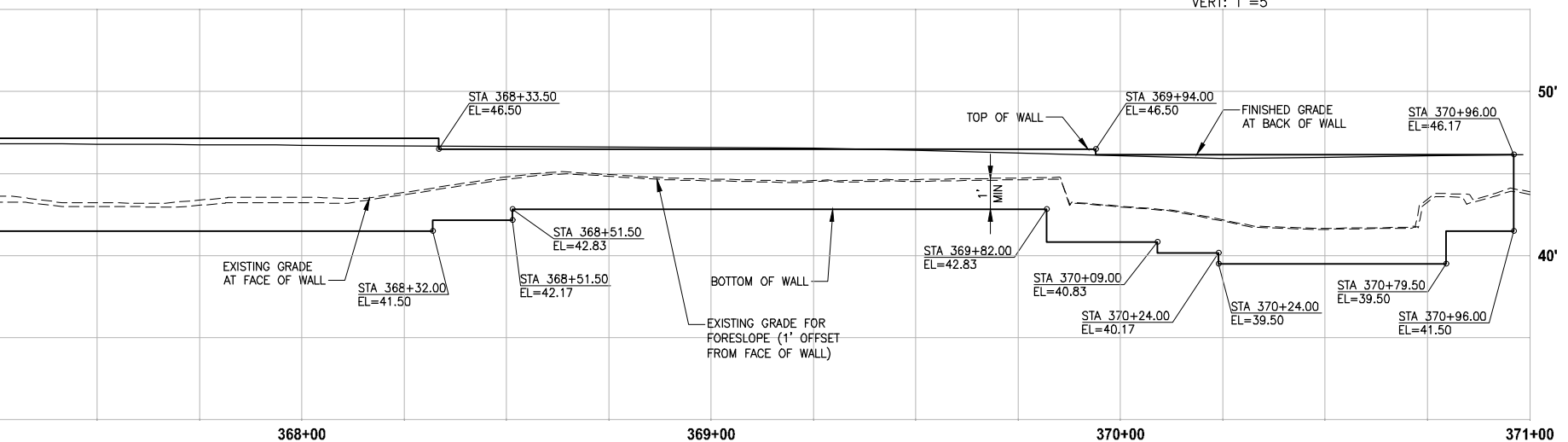
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LEFT STRUCTURAL EARTH WALL
WALL #15 (FILL) B-LINE
 HORIZ: 1"=20'
 VERT: 1"=5'



LEFT STRUCTURAL EARTH WALL
WALL #15 (FILL) B-LINE
 HORIZ: 1"=20'
 VERT: 1"=5'



LEFT STRUCTURAL EARTH WALL
WALL #15 (FILL) B-LINE
 HORIZ: 1"=20'
 VERT: 1"=5'

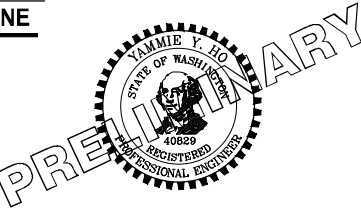
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CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
 NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P19T03WP-01
 JOB No.: 564-1521-075 P19 T03
 DATE: JULY 2017



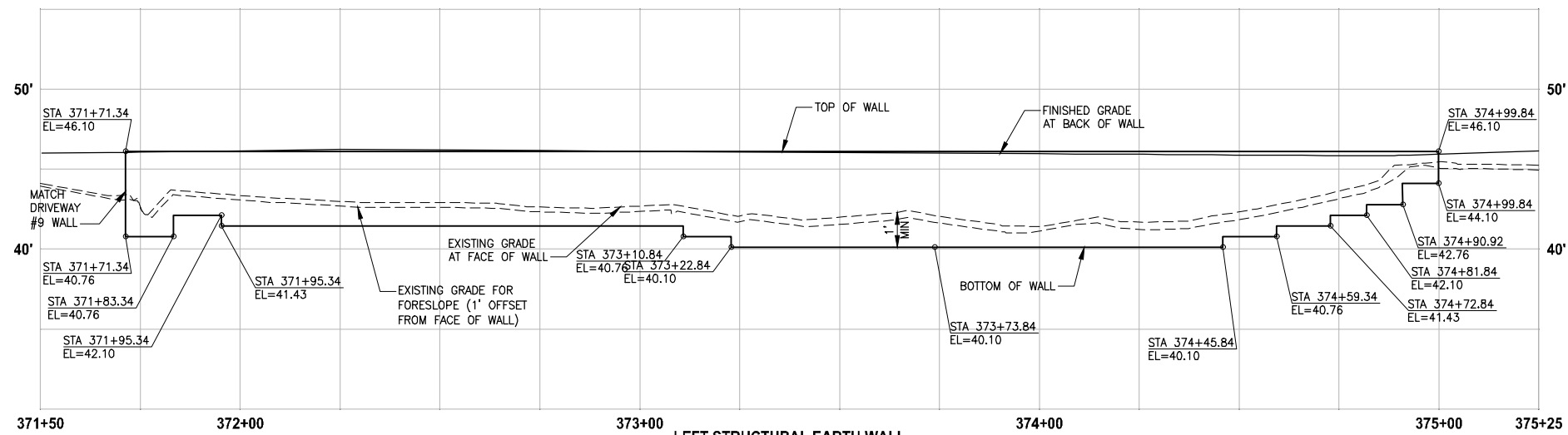
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PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

WALL PROFILES

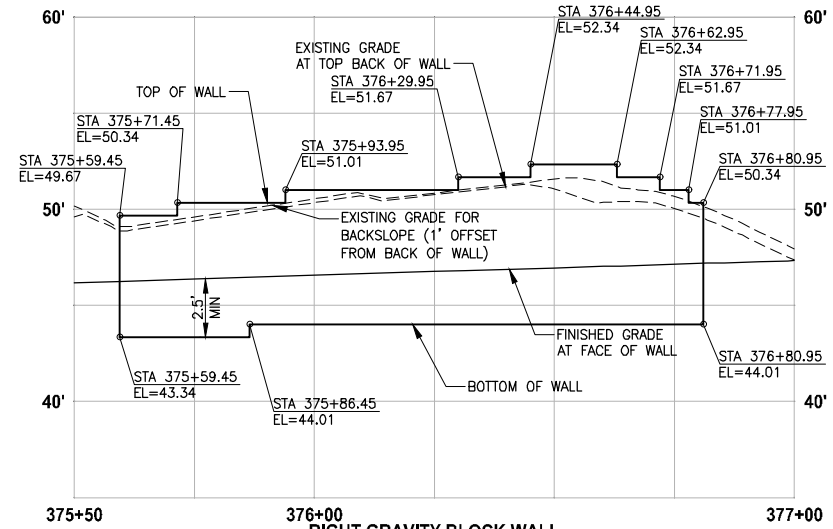
SHEET NO.
 122 OF 158
WP5

LAYOUT: WP6
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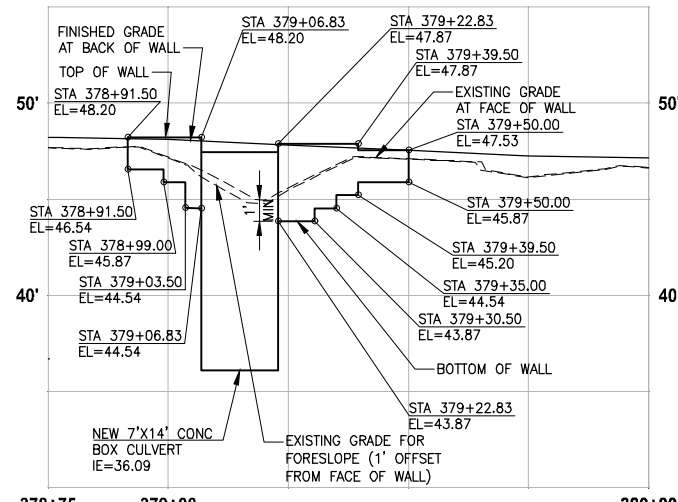
**LEFT STRUCTURAL EARTH WALL
WALL #16 (FILL) C-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



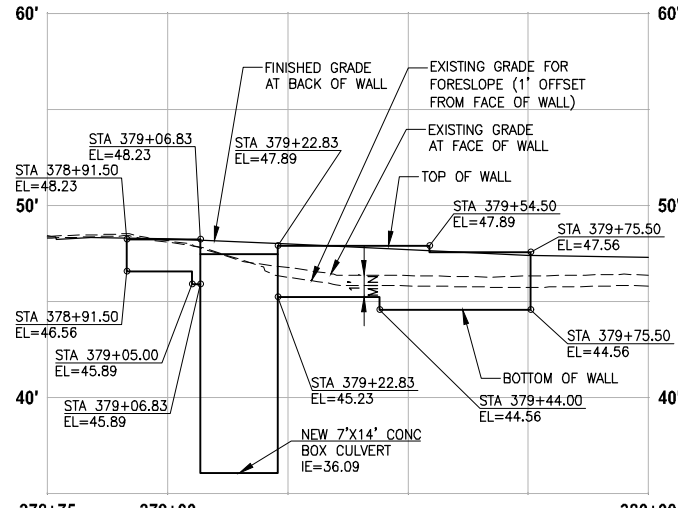
**RIGHT GRAVITY BLOCK WALL
WALL #17 (CUT) C-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



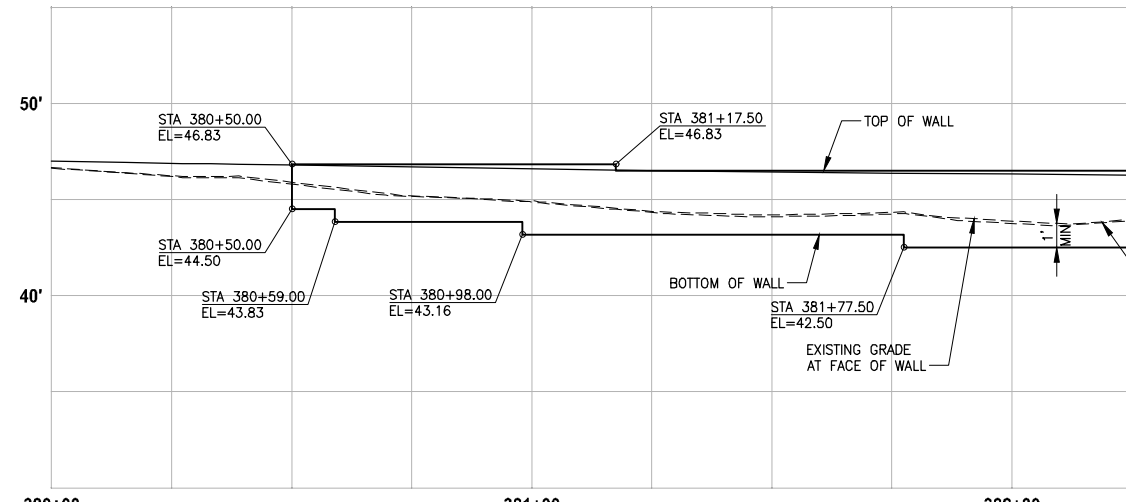
**LEFT STRUCTURAL EARTH WALL
WALL #18 (FILL) C-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



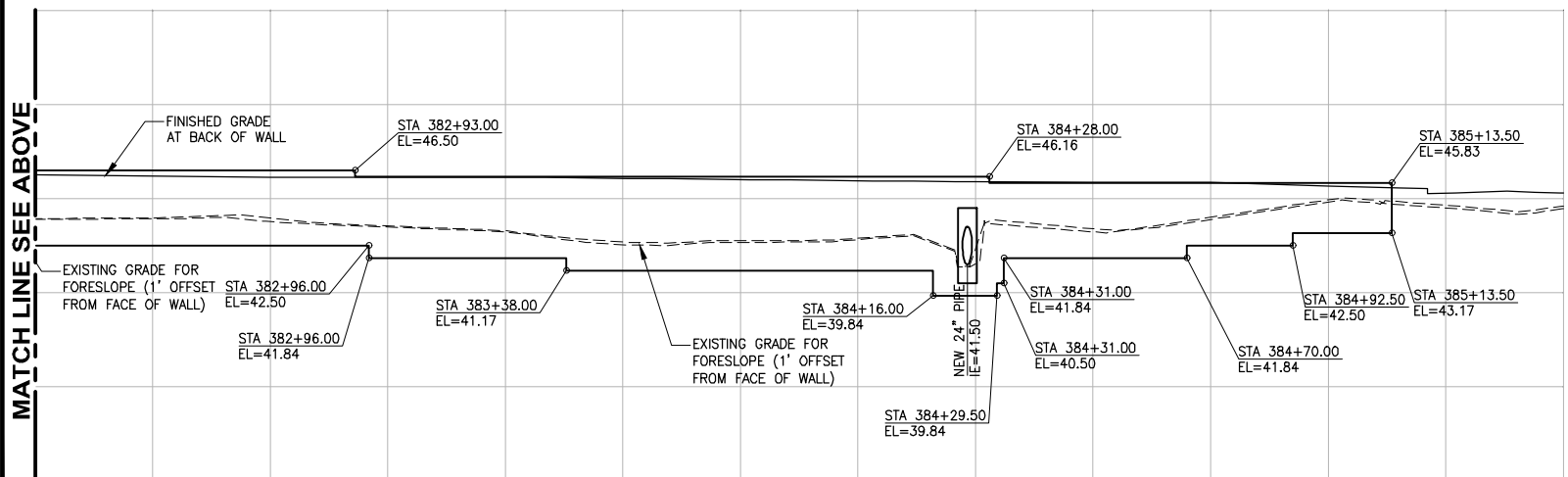
**RIGHT STRUCTURAL EARTH WALL
WALL #19 (FILL) C-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



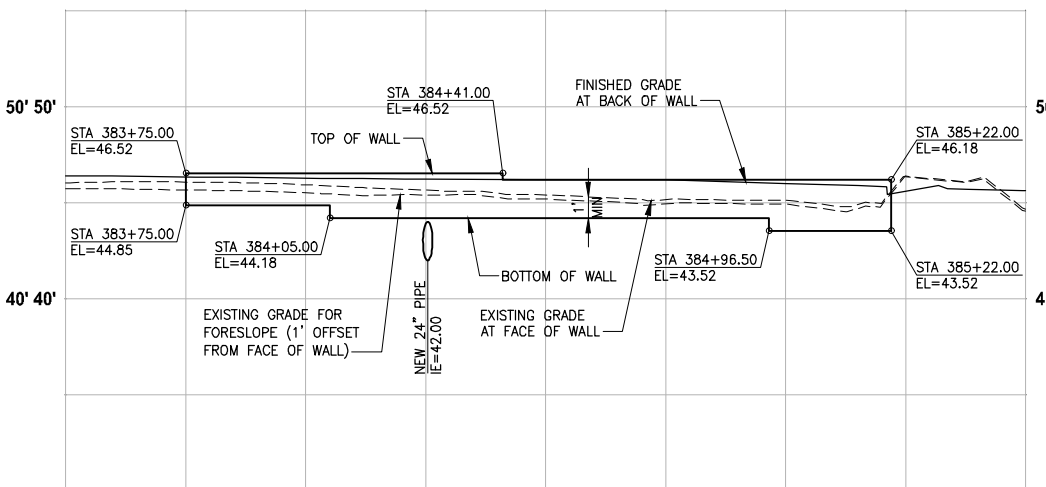
**LEFT STRUCTURAL EARTH WALL
WALL #20 (FILL) C-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



**LEFT STRUCTURAL EARTH WALL
WALL #20 (FILL) C-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



**RIGHT STRUCTURAL EARTH WALL
WALL #21 (FILL) C-LINE**

HORIZ: 1"=20'
VERT: 1"=5'

NOTES:

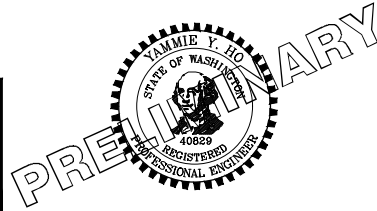
- UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATIONS AND DEPTH, AS AUTHORIZED BY THE ENGINEER.
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CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P19T03WP-01
 JOB No: 54-1521-075 P19 T03
 DATE: JULY 2017



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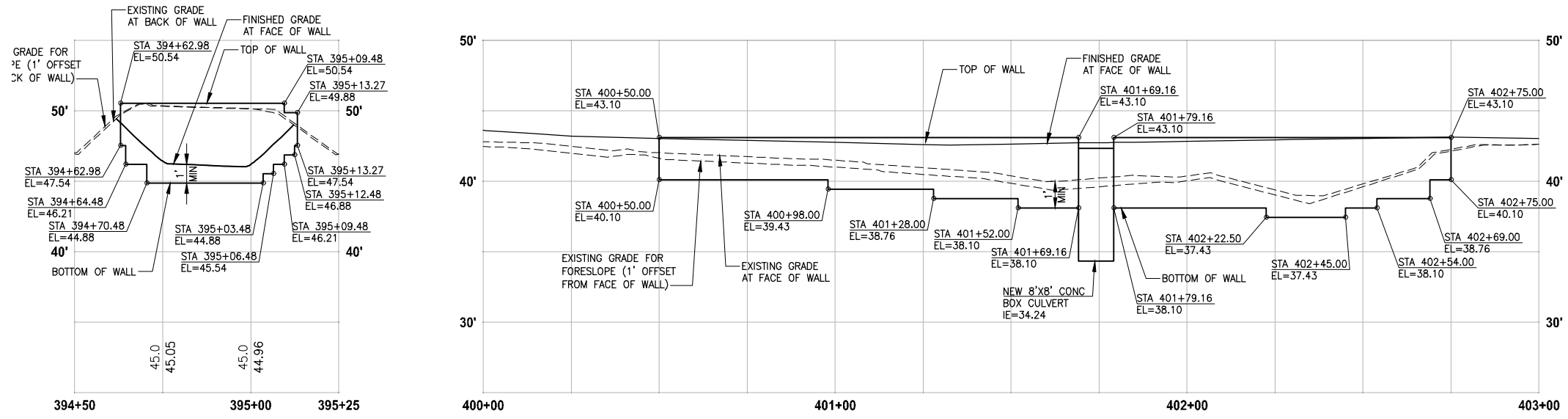
PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

WALL PROFILES

SHEET NO.
123 OF 158

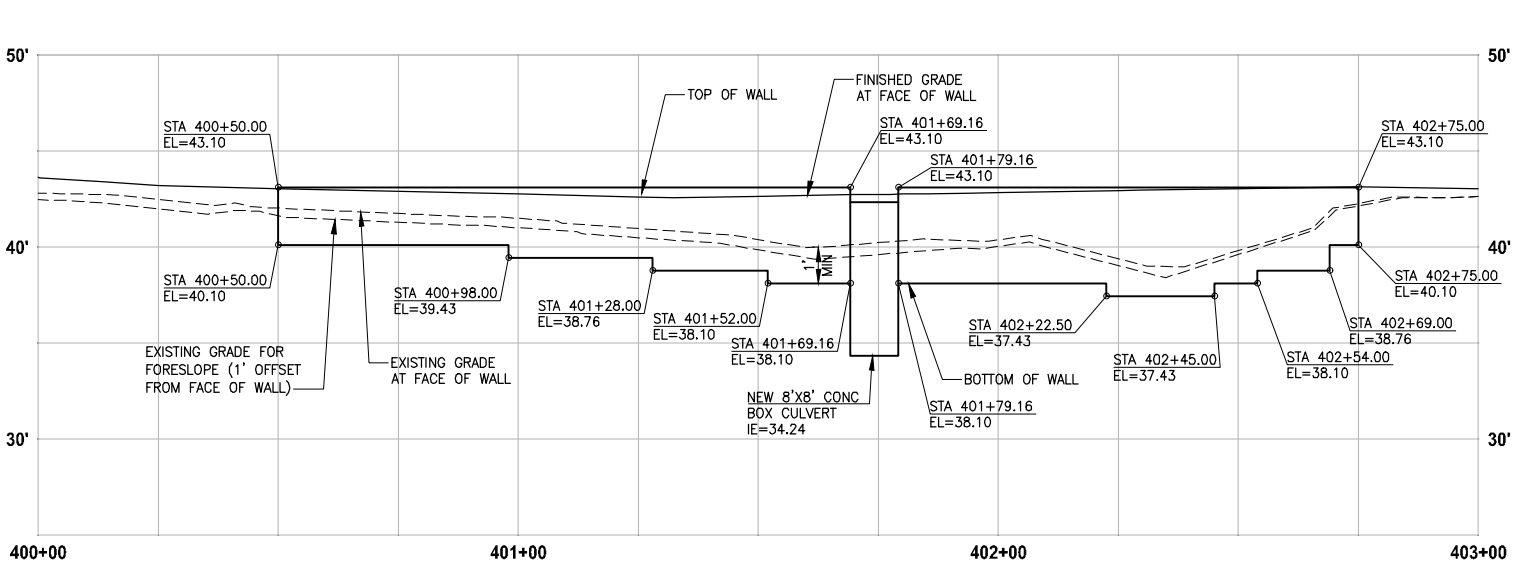
WP6

PLOTTED BY: purgaban DATE: Monday, July 10, 2017 12:26:43 PM
 PATH: U:\PSO\Projects\Clients\1521-KingCo\564-1521-075-ELST\95\Secs\CADD\Phase 19\T03_Civil\Draw\



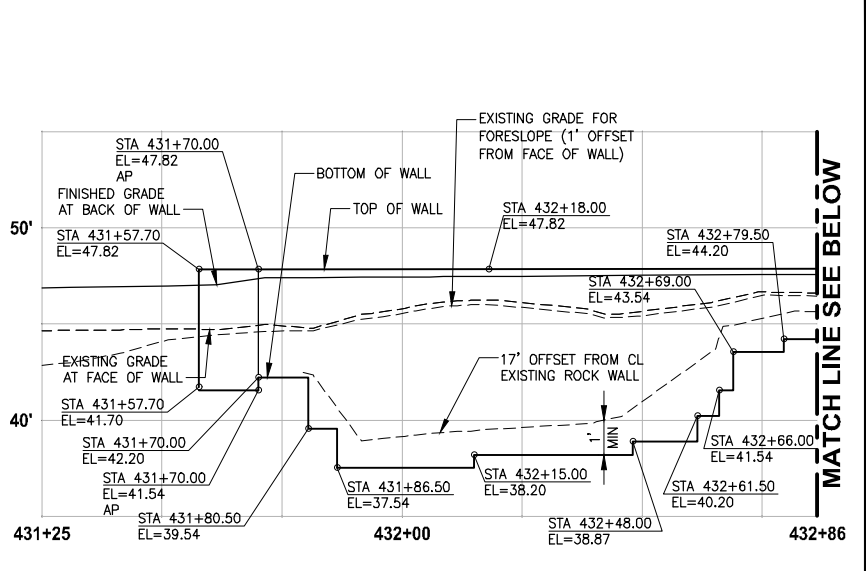
**RIGHT STRUCTURAL EARTH WALL
WALL #21A (CUT) C-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



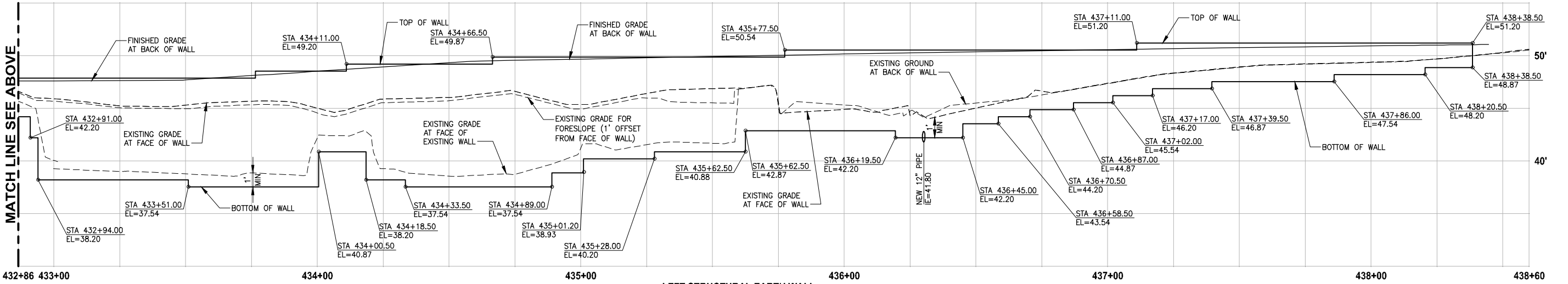
**RIGHT STRUCTURAL EARTH WALL
WALL #22 (FILL) C-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



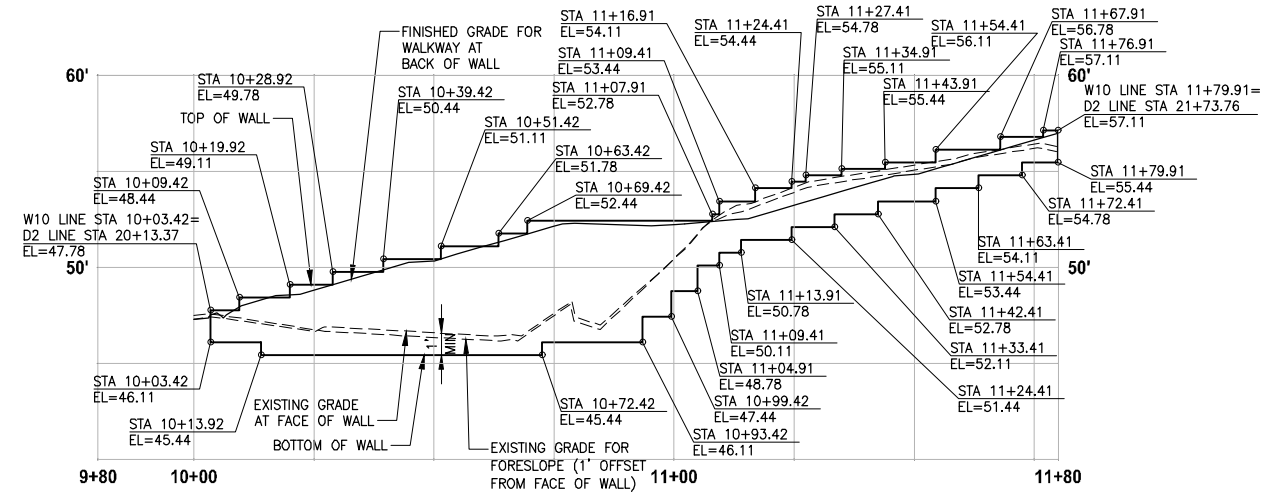
**LEFT STRUCTURAL EARTH WALL
WALL #30 (FILL) D-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



**LEFT STRUCTURAL EARTH WALL
WALL #30 (FILL) D-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



**LEFT STRUCTURAL EARTH WALL
WALL #31A (FILL) W10-LINE**

HORIZ: 1"=20'
VERT: 1"=5'

- NOTES:**
- UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATIONS AND DEPTH, AS AUTHORIZED BY THE ENGINEER.
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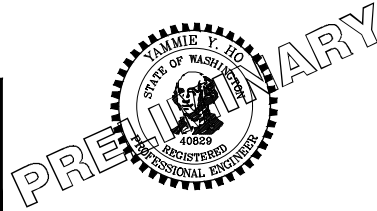
CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

**ONE INCH AT FULL SCALE,
IF NOT, SCALE ACCORDINGLY**

FILE NAME: BL1521075P19T03WP-01
JOB No: 564-1521-075 P19 T03
DATE: JULY 2017



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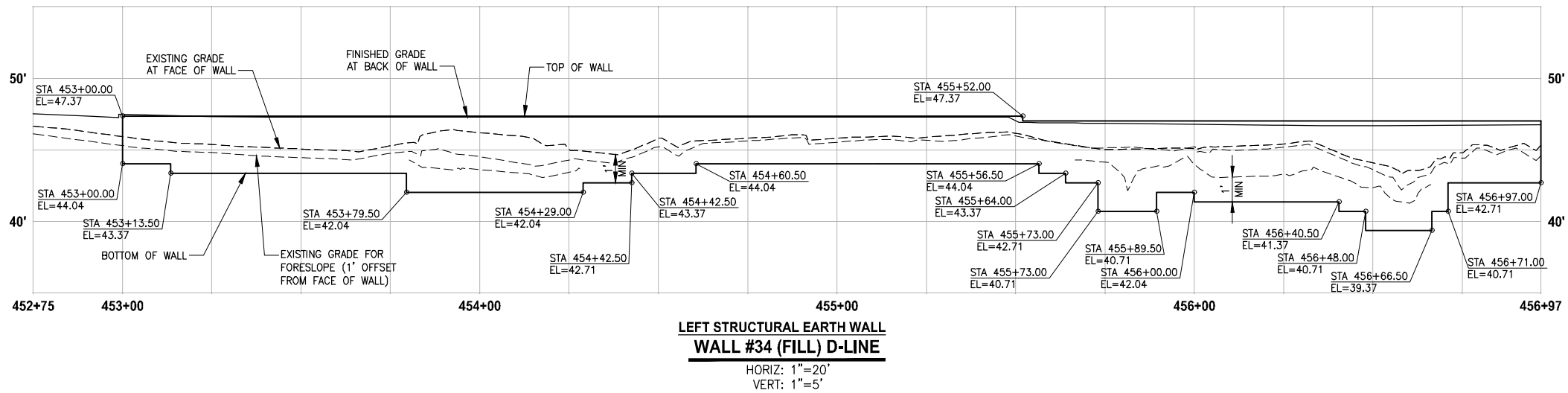
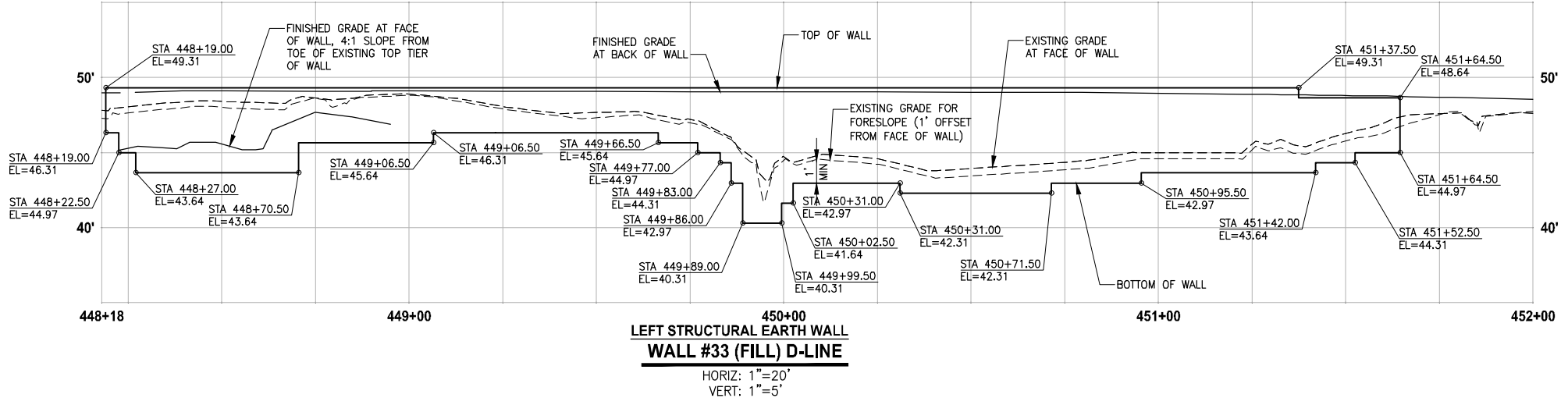
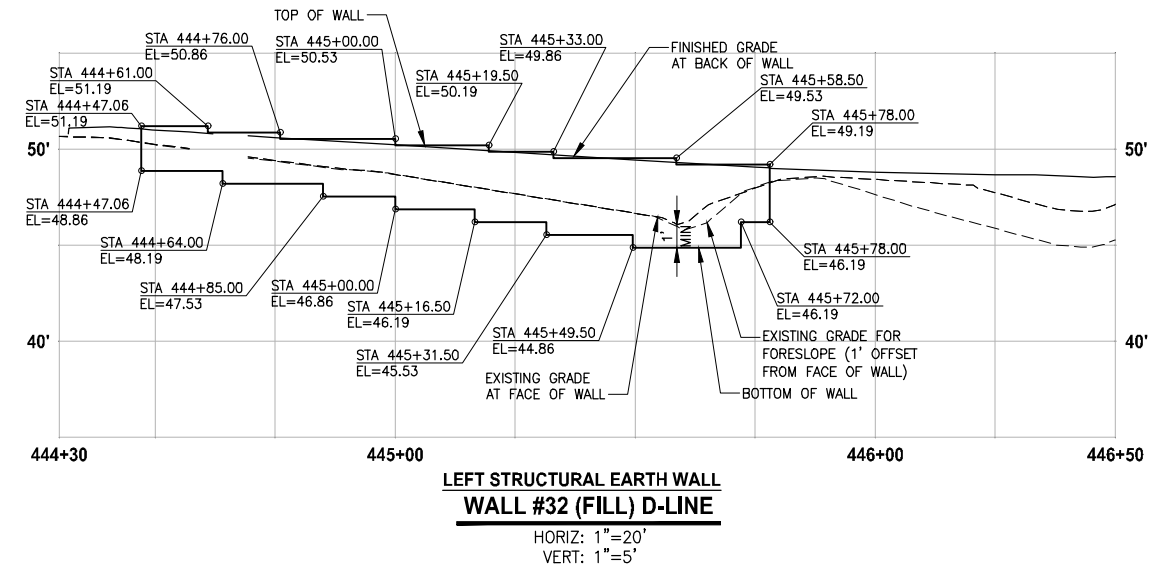
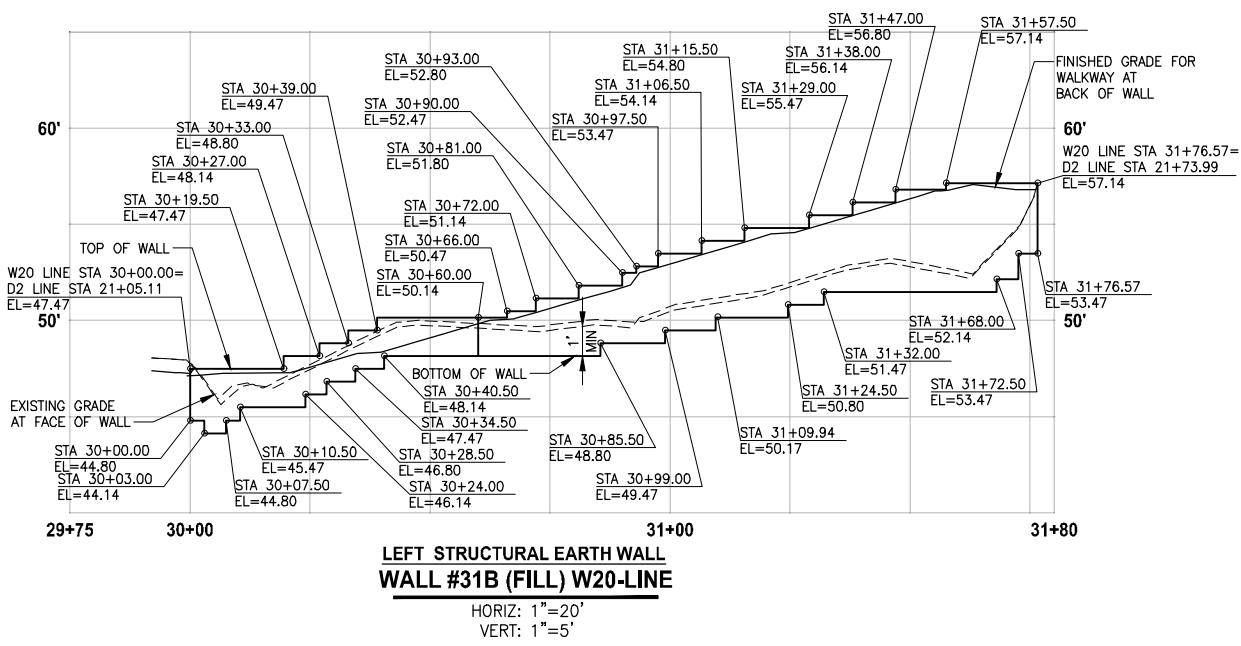
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P 206.394.3700
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PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

WALL PROFILES

SHEET NO.
124 OF 158
WP7

LAYOUT: WP8
 PATH: U:\PSO\Projects\Clients\1521-075-ELST\95\Secs\CADD\Phase 19\T03_Civil\Draw\ PLOTTED BY: purgaban DATE: Friday, July 07, 2017 5:38:12 PM



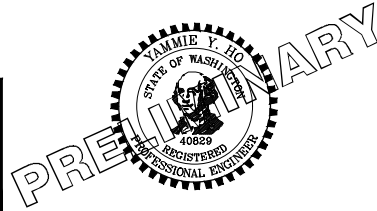
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CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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 FILE NAME: BL1521075P19T03WP-01
 JOB No.: 1521-075 P19 T03
 DATE: JULY 2017



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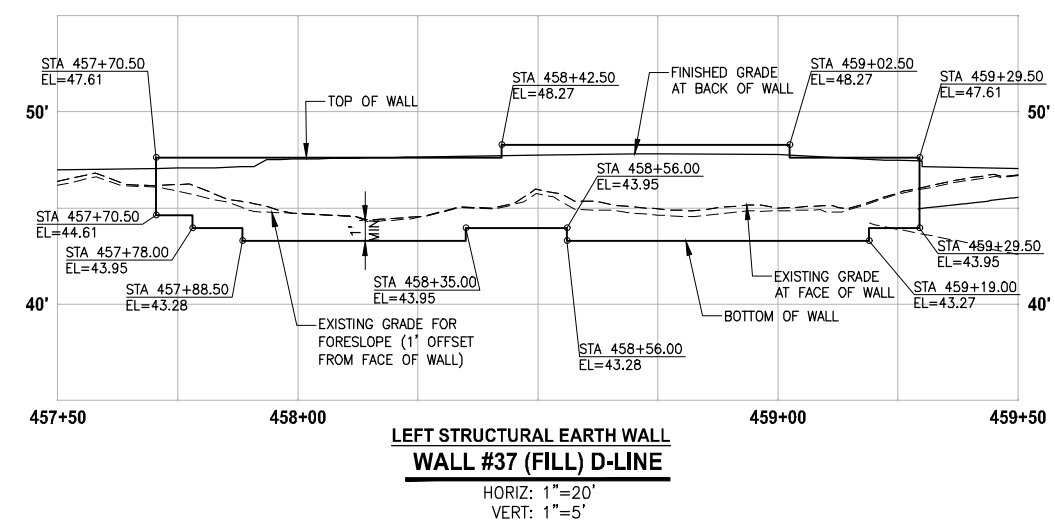
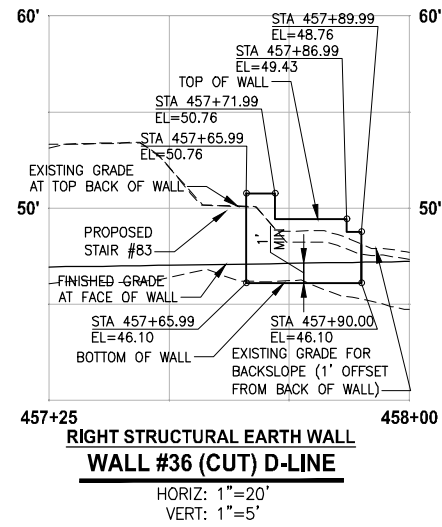
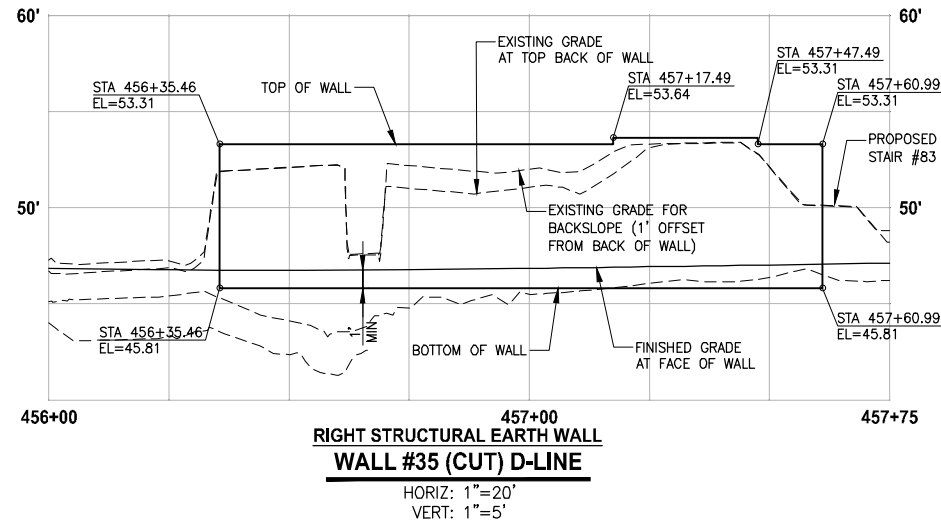
PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

WALL PROFILES

SHEET NO.
125 OF 158

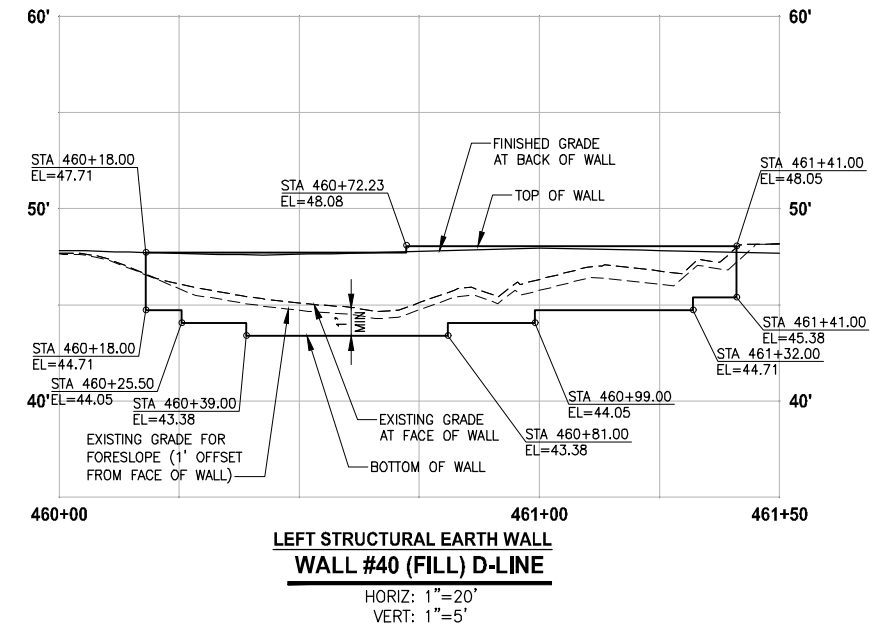
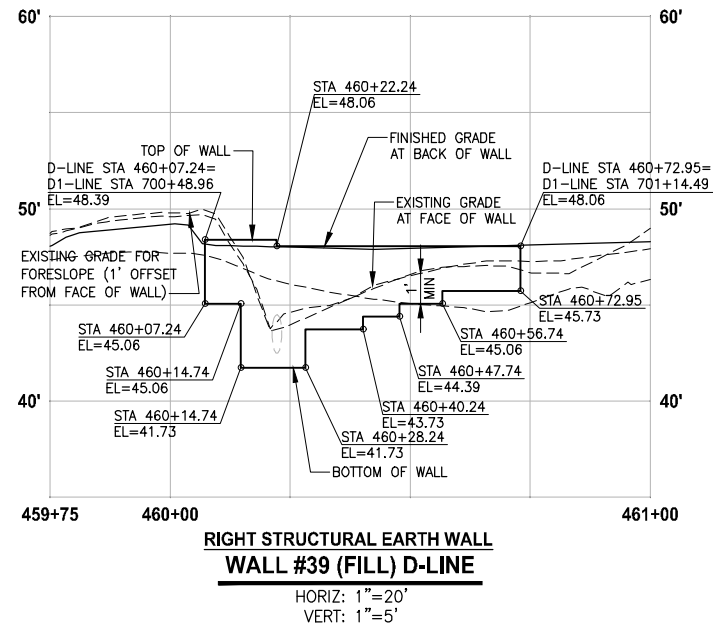
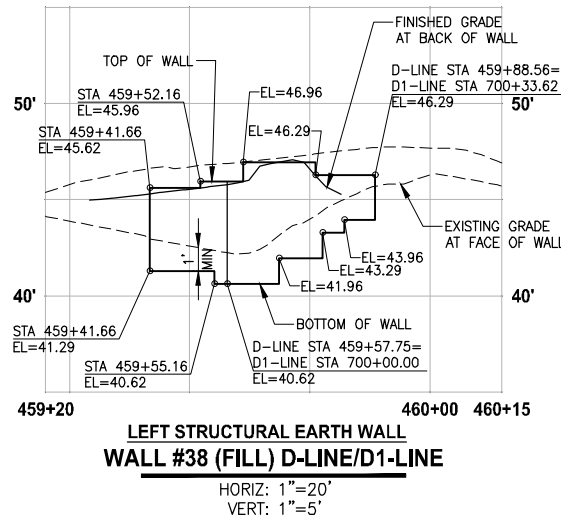
WP8

LAYOUT: WP9
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NOTES:

1. UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATIONS AND DEPTH, AS AUTHORIZED BY THE ENGINEER.
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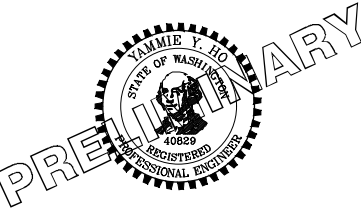


CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
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REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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 FILE NAME: BL1521075P19T03WP-01
 JOB No.: 554-1521-075 P19 T03
 DATE: JULY 2017



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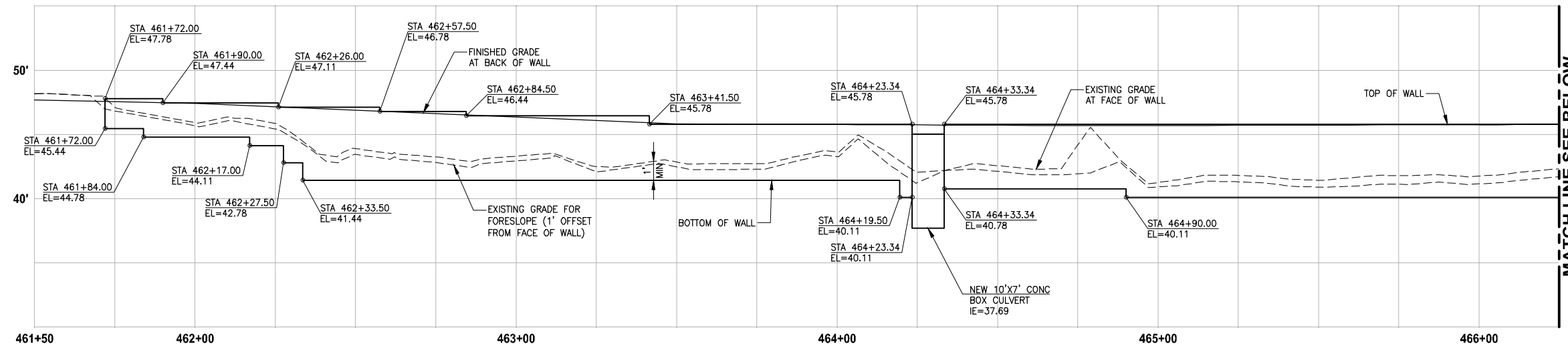
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

WALL PROFILES

SHEET NO.
 126 OF 158
WP9

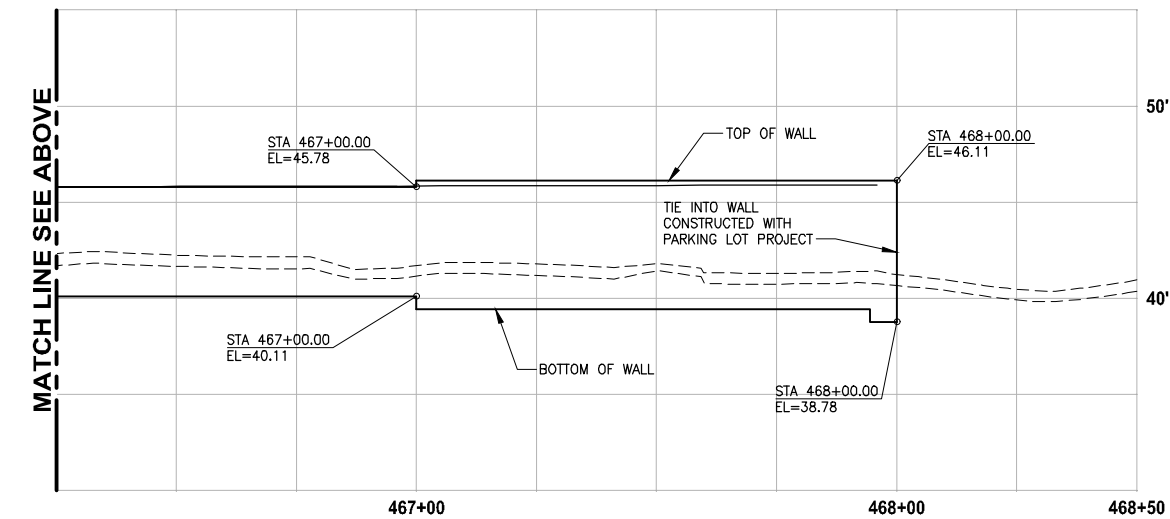
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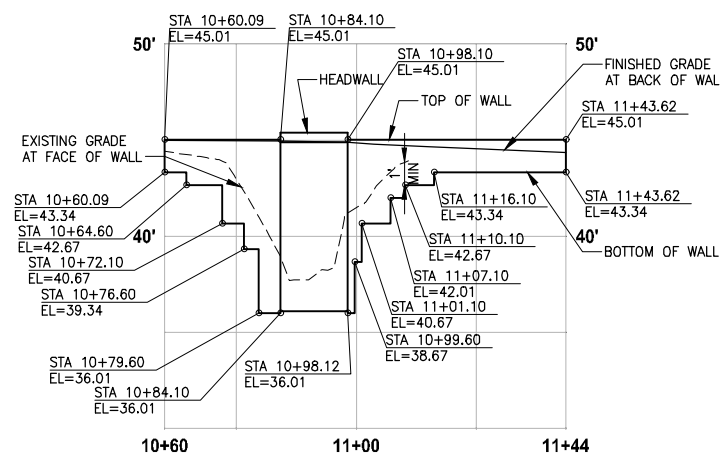
**LEFT STRUCTURAL EARTH WALL
WALL #41 (FILL) D-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



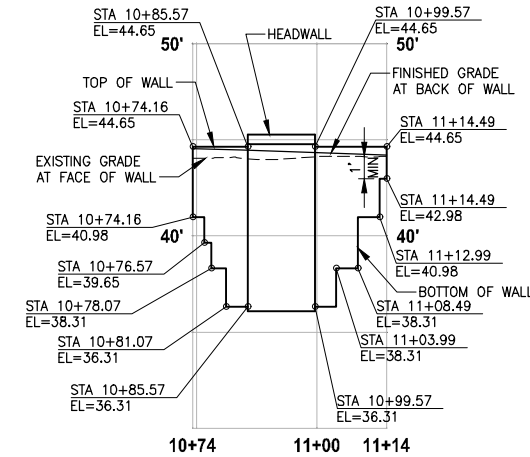
**LEFT STRUCTURAL EARTH WALL
WALL #41 (FILL) D-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



**RIGHT STRUCTURAL EARTH WALL
WALL #42 (FILL) P-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



**LEFT STRUCTURAL EARTH WALL
WALL #43 (FILL) P-LINE**

HORIZ: 1"=20'
VERT: 1"=5'

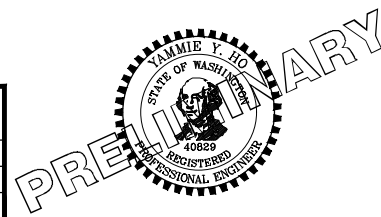
CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

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LAYOUT: WP10 PATH: U:\FSO\Projects\Clients\1521-1521-075-ELST\995vcs\cadd\Phase 1\103_Civil\Draw\ PLOTTED BY: purgaban DATE: Friday, July 07, 2017 5:39:39 PM

REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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FILE NAME: BL1521075P19T03WP-01
JOB No.: 1521-075 P19 T03
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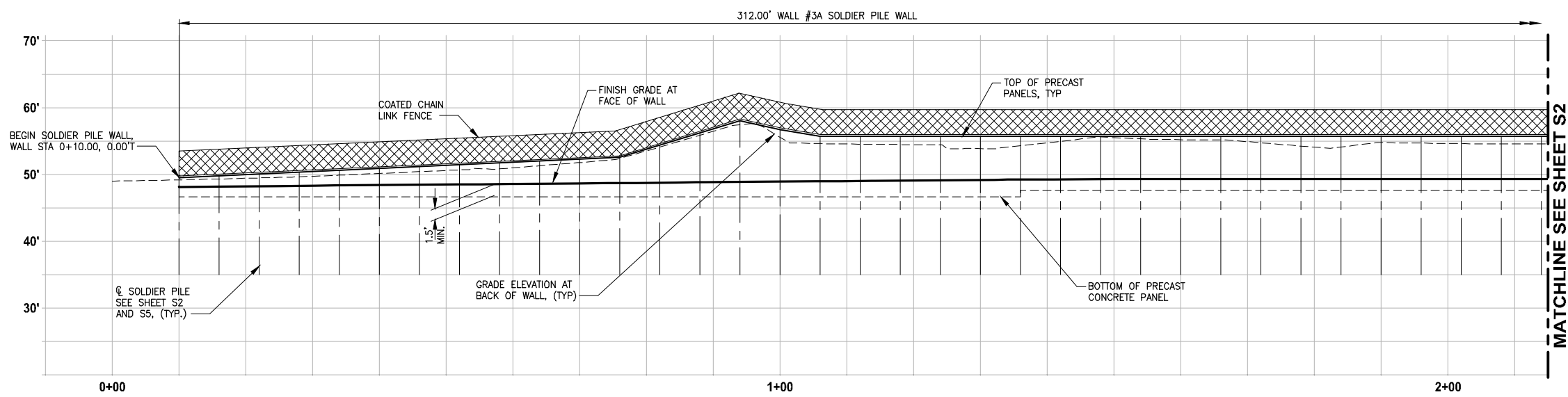
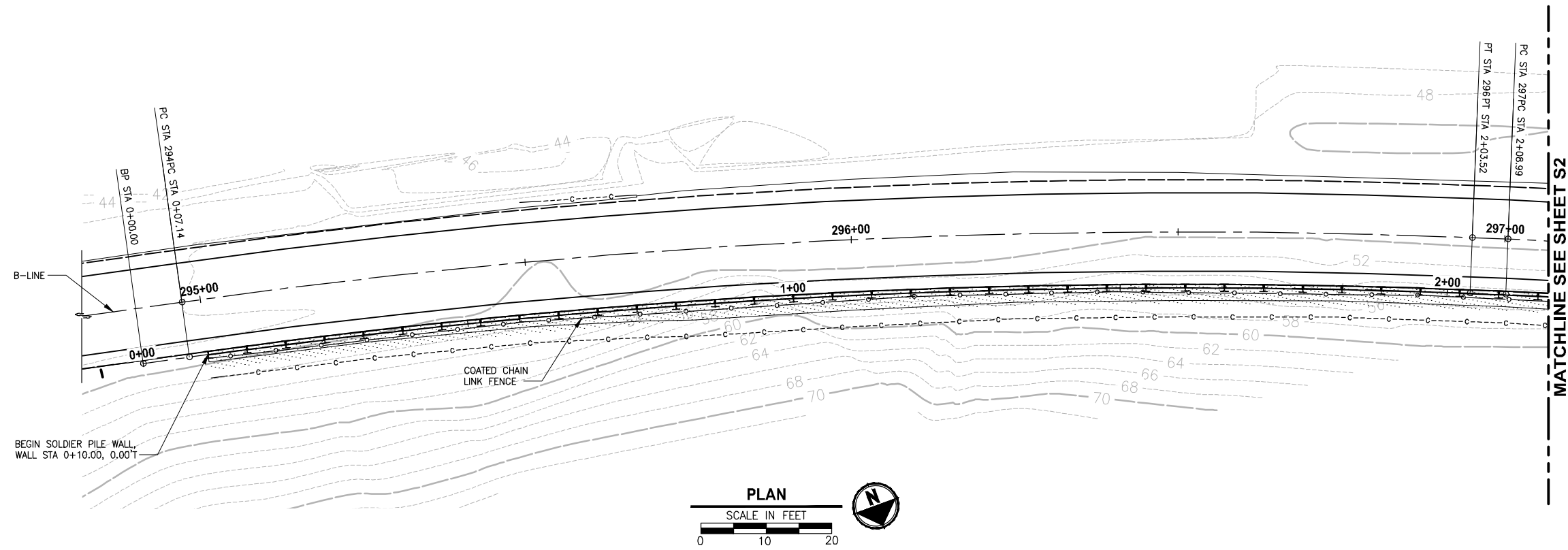
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PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

WALL PROFILES

SHEET NO.
127 OF 158
WP10

PATH: U:\PSC\Projects\Clients\1521-KingCo\554-1521-075-ELST\995\cvs\cadd\Phase 19\T03_Civil\Draw\ PLOTTED BY: purgubut DATE: Friday, July 07, 2017 5:40:13 PM



WALL #3A WALL PROFILE
 HORIZ: 1"=10'
 VERT: 1"=10'

PILE LAYOUT AND ELEVATIONS SHOWN ARE PRELIMINARY AND ARE SUBJECT TO CHANGE PENDING SUBGRADE EXPLORATION

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
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REVISIONS	DATE	BY	DESIGNED
			R. MURRAY
			A. VALENCIA
			P. JOHANNESSEN
			Y. HO

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 FILE NAME: BL1521075P19T03S-01
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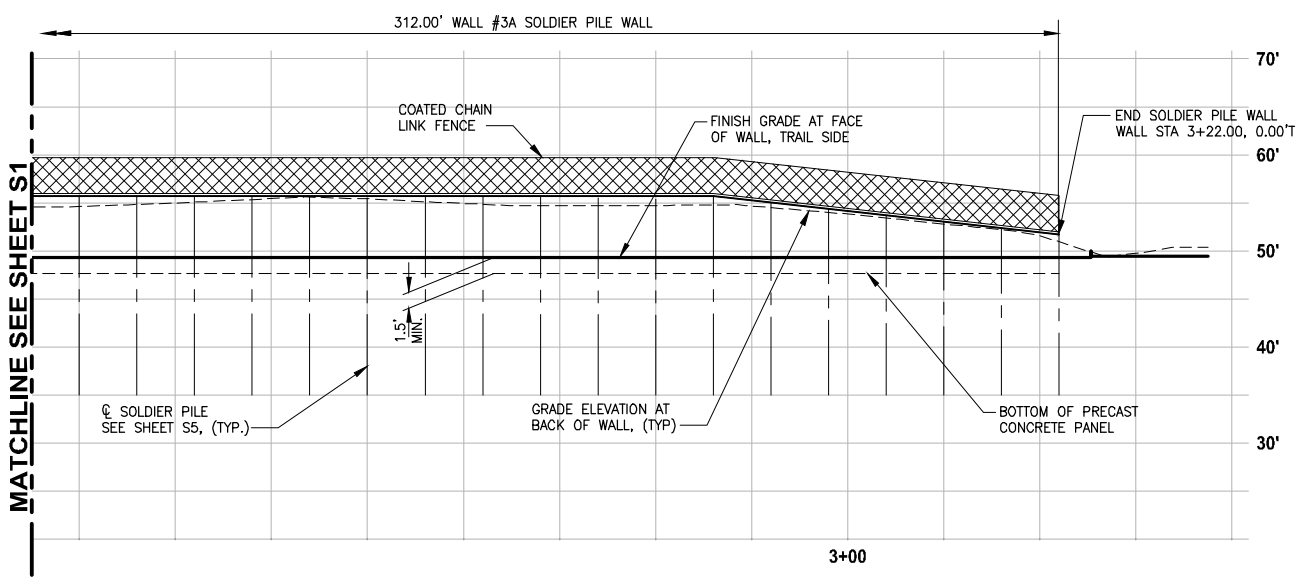
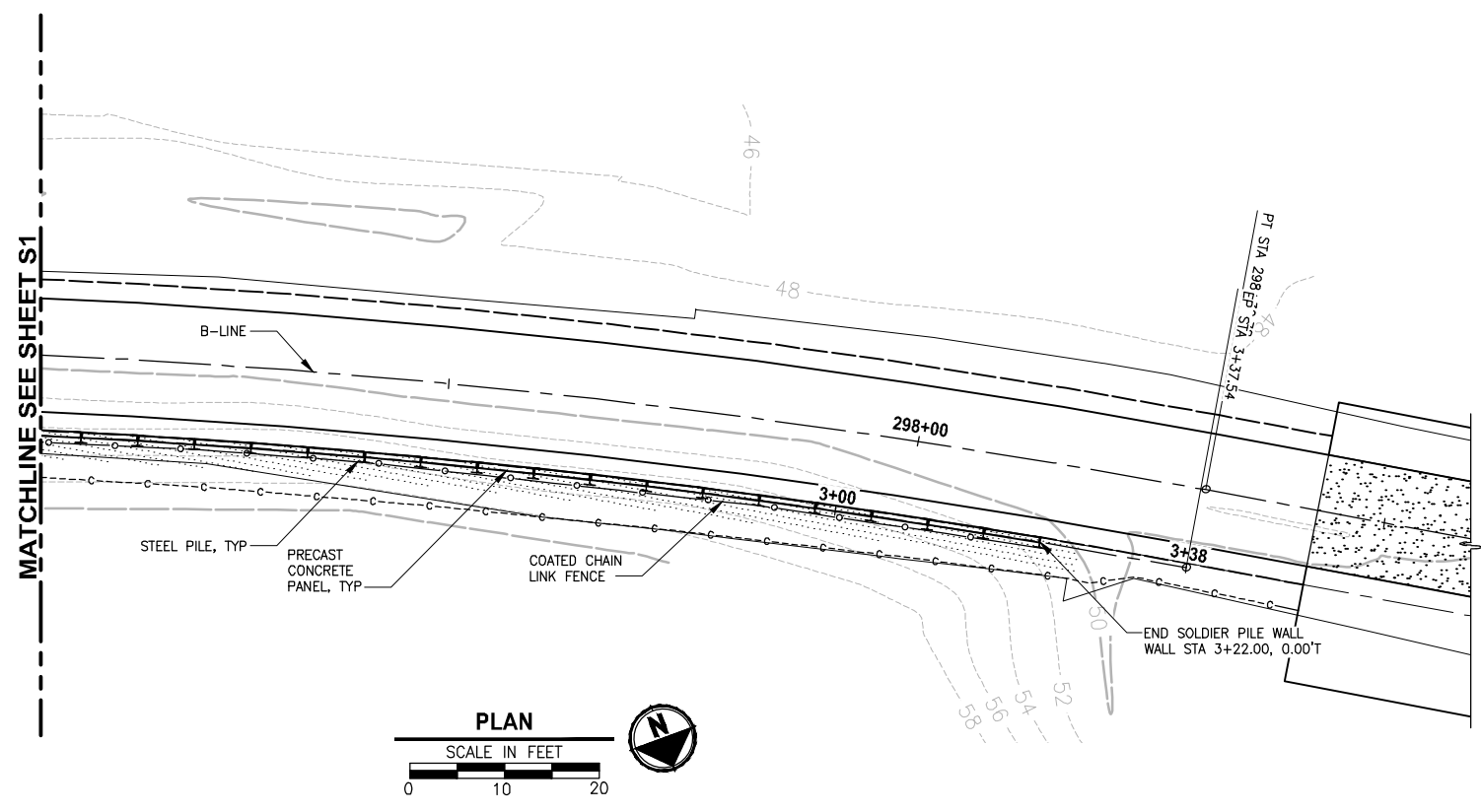
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

WALL #3A SOLDIER PILE WALL

SHEET NO.
 128 OF 158
S1

PATH: U:\PSC\Projects\Clients\1521-1521-075-ELST\995\CAADD\Phase 13\T03_Civil\Draws\ PLOTTED BY: purgebut DATE: Friday, July 07, 2017 5:40:24 PM LAYOUT: S2



WALL #3A WALL PROFILE
 HORIZ: 1"=10'
 VERT: 1"=10'

EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMAMISH SEGMENT B
SOLDIER PILE LAYOUT WALL #3A

STATION OFFSET B-LINE	WALL STATION #3	TOP OF WALL ELEV	BOT OF WALL ELEV	PILE TIP ELEV	PILE LENGTH
295+00.00, 8.50 R	0+10.00	49.51	46.66		
295+06.04, 8.50 R	0+16.00	49.69	46.66		
295+12.09, 8.50 R	0+22.00	49.78	46.66		
295+18.13, 8.50 R	0+28.00	50.34	46.66		
295+24.18, 8.50 R	0+34.00	50.58	46.66		
295+30.22, 8.50 R	0+40.00	50.90	46.66		
295+36.26, 8.50 R	0+46.00	51.05	46.66		
295+42.31, 8.50 R	0+52.00	51.45	46.66		
295+48.35, 8.50 R	0+58.00	51.73	46.66		
295+54.40, 8.50 R	0+64.00	52.01	46.66		
295+60.44, 8.50 R	0+70.00	52.24	46.66		
295+66.48, 8.50 R	0+76.00	52.56	46.66		
295+72.53, 8.50 R	0+82.00	54.40	46.66		
295+78.57, 8.50 R	0+88.00	56.23	46.66		
295+84.62, 8.50 R	0+94.00	58.06	46.66		
295+90.66, 8.50 R	1+00.00	56.73	46.66		
295+96.70, 8.50 R	1+06.00	55.73	46.66		
296+02.75, 8.50 R	1+12.00	55.73	46.66		
296+08.79, 8.50 R	1+18.00	55.73	46.66		
296+14.84, 8.50 R	1+24.00	55.73	46.66		
296+20.88, 8.50 R	1+30.00	55.73	46.66		
296+26.92, 8.50 R	1+36.00	55.73	47.63		
296+32.97, 8.50 R	1+42.00	55.73	47.63		
296+39.01, 8.50 R	1+48.00	55.73	47.63		
296+45.06, 8.50 R	1+54.00	55.73	47.63		
296+51.10, 8.50 R	1+60.00	55.73	47.63		
296+57.14, 8.50 R	1+66.00	55.73	47.63		
296+63.18, 8.50 R	1+72.00	55.73	47.63		
296+69.23, 8.50 R	1+78.00	55.73	47.63		
296+75.27, 8.50 R	1+84.00	55.73	47.63		
296+81.32, 8.50 R	1+90.00	55.73	47.63		
296+87.36, 8.50 R	1+96.00	55.73	47.63		
296+93.41, 8.50 R	2+02.00	55.73	47.63		
296+99.42, 8.50 R	2+08.00	55.73	47.63		
297+05.46, 8.50 R	2+14.00	55.73	47.63		
297+11.52, 8.50 R	2+20.00	55.73	47.63		
297+17.57, 8.50 R	2+26.00	55.73	47.63		
297+23.62, 8.50 R	2+32.00	55.73	47.63		
297+29.68, 8.50 R	2+38.00	55.73	47.63		
297+35.73, 8.50 R	2+44.00	55.73	47.63		
297+41.78, 8.50 R	2+50.00	55.73	47.63		
297+47.84, 8.50 R	2+56.00	55.73	47.63		
297+53.89, 8.50 R	2+62.00	55.73	47.63		
297+59.94, 8.50 R	2+68.00	55.73	47.63		
297+66.00, 8.50 R	2+74.00	55.73	47.63		
297+72.05, 8.50 R	2+80.00	55.73	47.63		
297+78.10, 8.50 R	2+86.00	55.73	47.63		
297+84.16, 8.50 R	2+92.00	55.06	47.63		
297+90.21, 8.50 R	2+98.00	54.40	47.63		
297+96.26, 8.50 R	3+04.00	53.73	47.63		
298+02.32, 8.50 R	3+10.00	53.06	47.63		
298+08.37, 8.50 R	3+16.00	52.40	47.63		
298+14.42, 8.50 R	3+22.00	51.73	47.63		

PILE LAYOUT AND ELEVATIONS SHOWN
 ARE PRELIMINARY AND ARE SUBJECT
 TO CHANGE PENDING SUBGRADE
 EXPLORATION

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			R. MURRAY
			A. VALENCIA
			P. JOHANNESSEN
			Y. HO

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 FILE NAME: BL1521075P19T03S-01
 JOB No.: 554-1521-075 P19 T03
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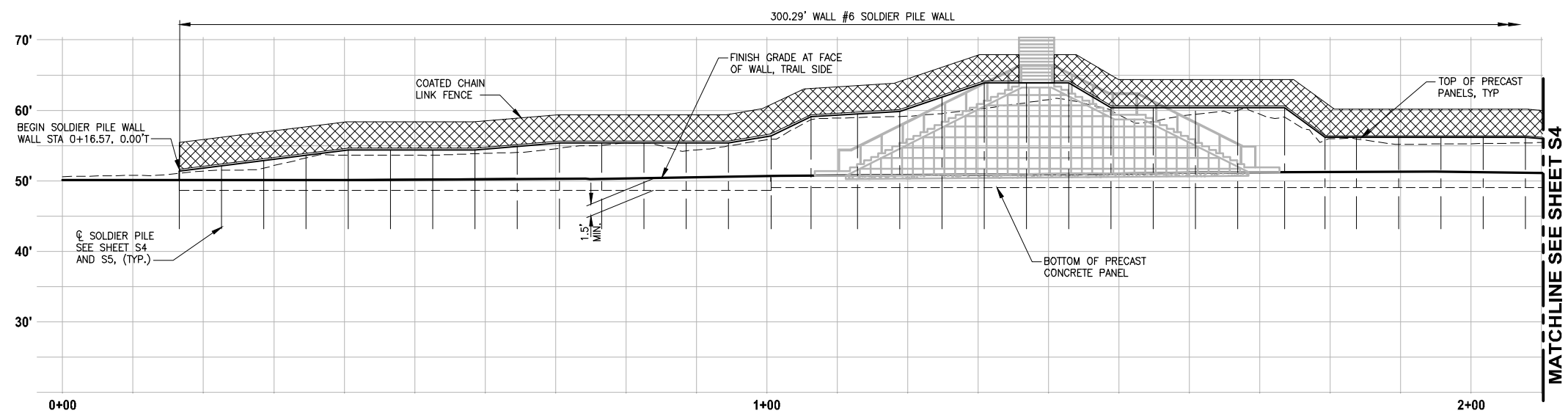
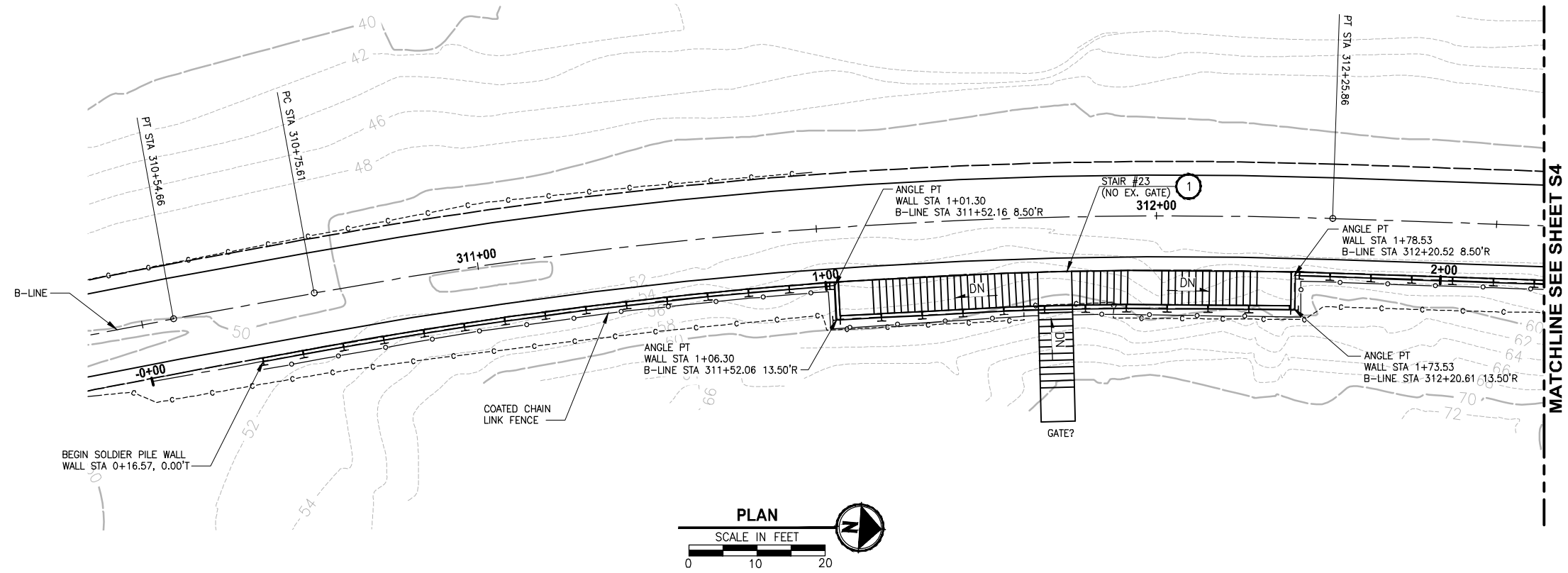
PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

WALL #3A SOLDIER PILE WALL

SHEET NO.
 129 OF 158
S2

CIVIL CONSTRUCTION NOTES:

- 1 RESTORE AND INSTALL STAIR. TYPE TO BE DETERMINED.



PILE LAYOUT AND ELEVATIONS SHOWN ARE PRELIMINARY AND ARE SUBJECT TO CHANGE PENDING SUBGRADE EXPLORATION

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

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REVISIONS	DATE	BY	DESIGNED
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			DRAWN
			X
			CHECKED
			X
			APPROVED
			Y. HO

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FILE NAME: BL1521075P19T03S-01
JOB No.: 564-1521-075 P19 T03
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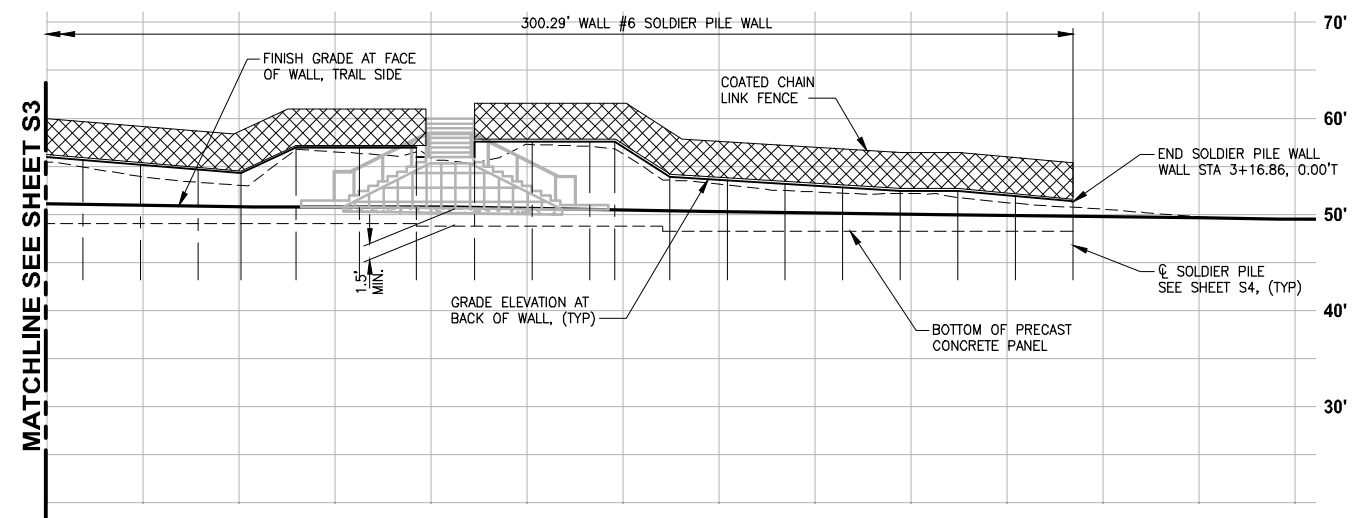
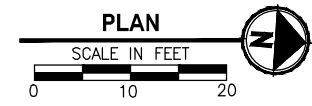
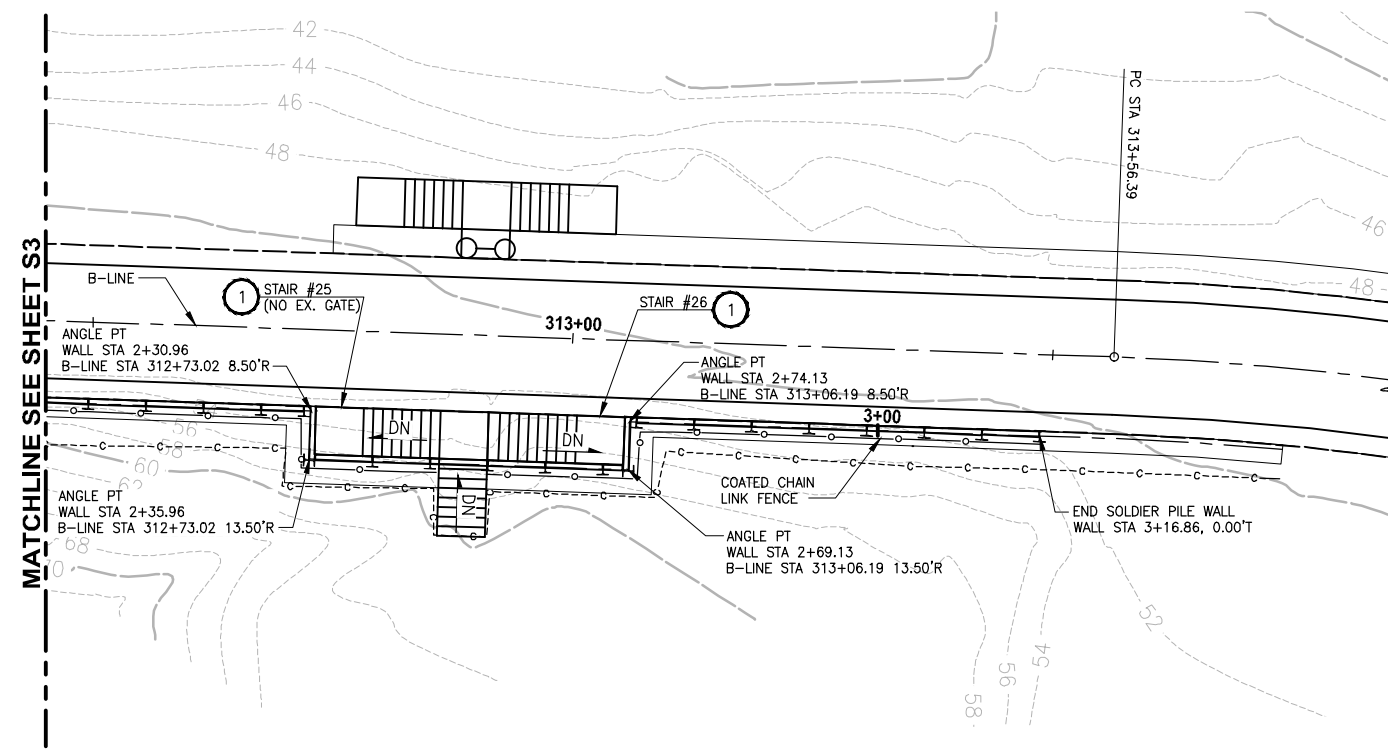
PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

WALL #6 SOLDIER PILE WALL

SHEET NO.
130 OF 158
S3

CIVIL CONSTRUCTION NOTES:

- 1 RESTORE AND INSTALL STAIR. TYPE TO BE DETERMINED.



EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMAMISH SEGMENT B SOLDIER PILE LAYOUT WALL #6

STATION OFFSET B LINE	WALL STATION	TOP OF WALL ELEV	BOT OF WALL ELEV	PILE TIP ELEV	PILE LENGTH
310+69.49, 8.52' R	0+16.57	51.18	48.63		
310+72.49, 8.52' R	0+22.57	52.09	48.63		
310+78.52, 8.52' R	0+28.57	52.22	48.63		
310+84.59, 8.52' R	0+34.58	53.64	48.63		
310+90.67, 8.52' R	0+40.58	54.39	48.63		
310+96.74, 8.52' R	0+46.58	54.39	48.63		
311+02.81, 8.52' R	0+52.58	54.39	48.63		
311+08.89, 8.52' R	0+58.58	54.39	48.63		
311+14.96, 8.50' R	0+64.58	54.89	48.63		
311+21.04, 8.50' R	0+70.58	54.89	48.63		
311+27.11, 8.50' R	0+76.58	54.89	48.63		
311+33.19, 8.50' R	0+82.58	54.89	48.63		
311+39.26, 8.50' R	0+88.58	54.89	48.63		
311+45.33, 8.50' R	0+94.58	54.89	48.63		
311+51.41, 8.50' R	1+00.58	56.48	48.63		
311+52.04, 13.59' R	1+06.32, 0.12' R	56.48	49.07		
311+58.76, 13.59' R	1+12.97	59.86	49.07		
311+64.87, 13.61' R	1+18.87	61.88	49.07		
311+70.99, 13.59' R	1+24.87	63.89	49.07		
311+77.11, 13.52' R	1+30.87	63.89	49.07		
311+83.23, 13.50' R	1+36.87	63.89	49.07		
311+89.34, 13.51' R	1+42.87	63.98	49.07		
311+95.46, 13.50' R	1+48.87	60.38	49.07		
312+01.58, 13.58' R	1+54.87	60.38	49.07		
312+07.69, 13.61' R	1+60.87	60.38	49.07		
312+13.81, 13.59' R	1+66.87	60.38	49.07		
312+20.62, 13.61' R	1+73.53, 0.12' R	60.38	49.07		
312+21.25, 8.51' R	1+79.25	56.11	49.07		
312+25.79, 8.51' R	1+83.74	56.11	49.07		
312+31.81, 8.51' R	1+89.74	56.11	49.07		
312+37.80, 8.50' R	1+95.74	56.10	49.07		
312+43.80, 8.50' R	2+01.74	56.11	49.07		
312+49.80, 8.50' R	2+07.74	56.11	49.07		
312+55.80, 8.50' R	2+13.74	55.66	49.07		
312+61.80, 8.50' R	2+19.74	55.19	49.07		
312+67.80, 8.50' R	2+25.74	54.62	49.07		
312+72.27, 8.50' R	2+30.22	54.20	49.07		
312+73.01, 13.61' R	2+35.96, 0.12' R	56.81	49.07		
312+79.57, 13.50' R	2+42.52	56.81	49.07		
312+85.57, 13.50' R	2+48.52	56.81	49.07		
312+91.58, 13.50' R	2+54.52	55.56	48.75		
312+97.58, 13.50' R	2+60.52	57.56	48.75		
313+03.58, 13.50' R	2+66.52	57.56	48.75		
313+06.17, 13.62' R	2+69.13, 0.12' R	57.56	48.75		
313+06.91, 8.50' R	2+74.86	53.90	48.75		
313+12.91, 8.50' R	2+80.86	53.55	48.29		
313+18.91, 8.50' R	2+86.86	53.18	48.29		
313+24.91, 8.50' R	2+92.86	52.82	48.29		
313+30.91, 8.50' R	2+98.86	52.45	48.29		
313+36.91, 8.50' R	3+04.86	52.45	48.29		
313+42.91, 8.50' R	3+10.86	51.90	48.29		
313+48.91, 8.50' R	3+16.86	51.35	48.29		

PILE LAYOUT AND ELEVATIONS SHOWN ARE PRELIMINARY AND ARE SUBJECT TO CHANGE PENDING SUBGRADE EXPLORATION

CITY OF SAMMAMISH APPROVAL

City Engineer _____ Date _____

Community Development _____ Date _____

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LAYOUT: S44 PATH: U:\PSO\Projects\Clients\1821-KingCo\564-1521-075-ELST\99Secs\CADD\Phase 19\T03 Civil\DWG\ PLOTTED BY: purgubut DATE: Friday, July 07, 2017 5:40:53 PM

REVISIONS	DATE	BY	DESIGNED
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			DRAWN
			X
			CHECKED
			X
			APPROVED
			Y. HO

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FILE NAME: BL1521075P19T03S-01
JOB No: 564-1521-075 P19 T03
DATE: JULY 2017



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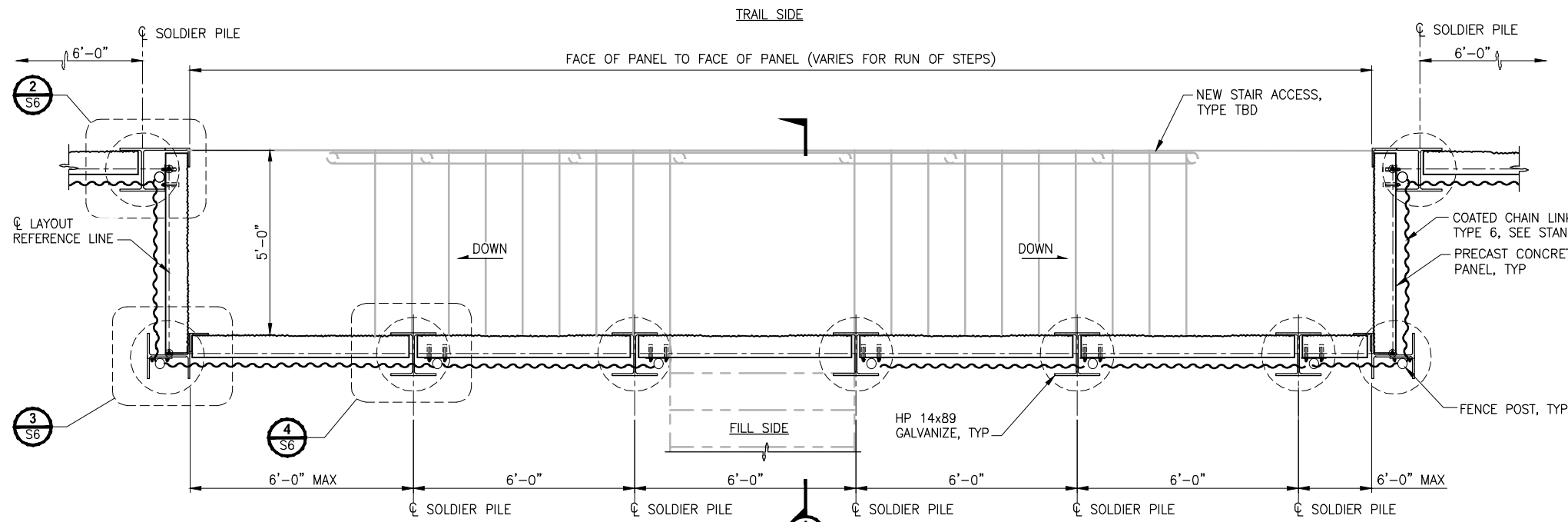
PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
SAMMAMISH, WA

WALL #6 SOLDIER PILE WALL

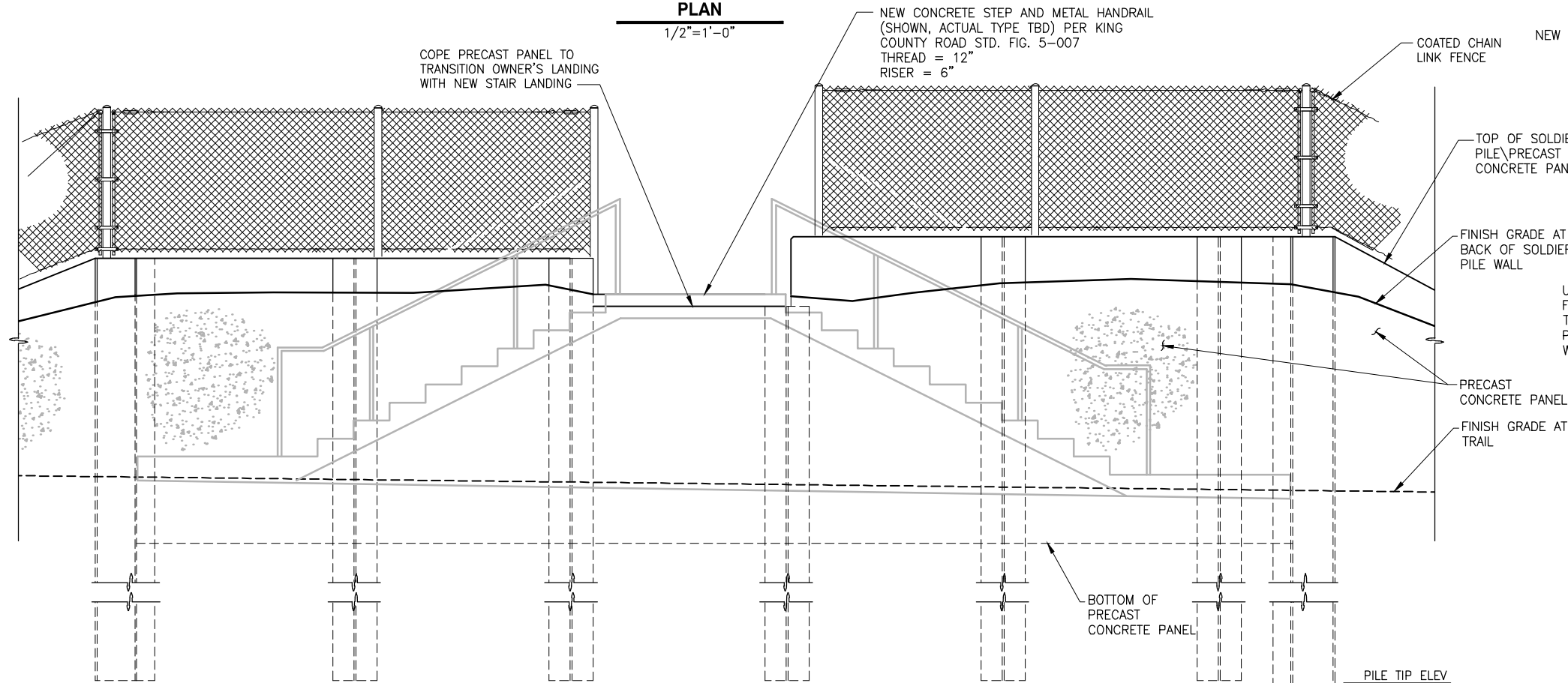
SHEET NO.
131 OF 158

S4

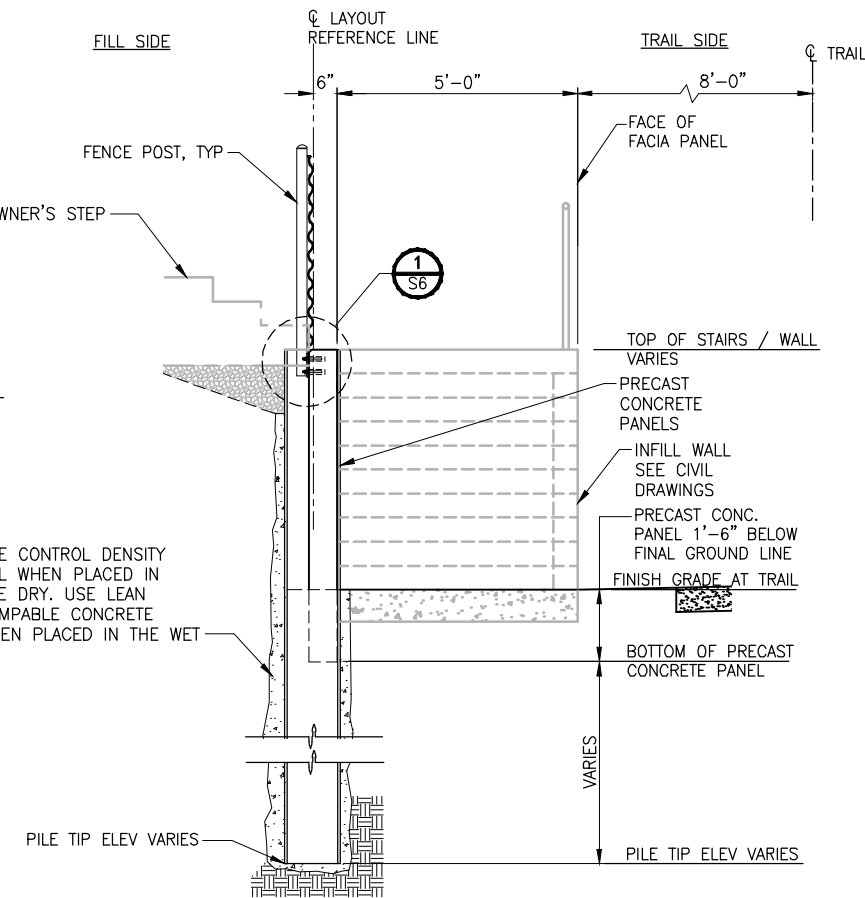
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STAIR ACCESS POCKET PLAN
1/2"=1'-0"



STAIR ACCESS POCKET ELEVATION
1/2"=1'-0"



SECTION
1/2"=1'-0"

STRUCTURAL NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK OR FABRICATION. NOTIFY THE ENGINEER OF ANY DISCREPANCY.
2. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE REQUIREMENTS OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD AND SPECIFICATION FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION, DATED 2016, AND AMENDMENTS. THE SOLDIER PILE WALLS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE RETAINING WALL PROVISIONS OF THE 7TH EDITION OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.
3. ALL HP 14x89 STEEL PILE SHALL BE ASTM A572 GR50, AND ALL OTHER STRUCTURAL STEEL SHALL BE ASTM A36 OR ASTM A992. ALL STEEL SHALL BE GALVANIZED WITH THE GALVANIZING CONFORMING TO ASTM 153.
4. ALL WELDING SHALL CONFORM TO AWS D1.1 WELDING CODE. MINIMUM SIZE WELDS 3/16" CONTINUOUS FILLET, UNLESS OTHERWISE NOTED.
5. PRECAST CONCRETE PANELS SHALL BE CLASS 4000 CONCRETE.

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			R. MURRAY
			A. VALENCIA
			P. JOHANNESSEN
			Y. HO

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 FILE NAME: BL1521075P19T03S-02
 JOB No.: 554-1521-075 P19 T03
 DATE: JULY 2017



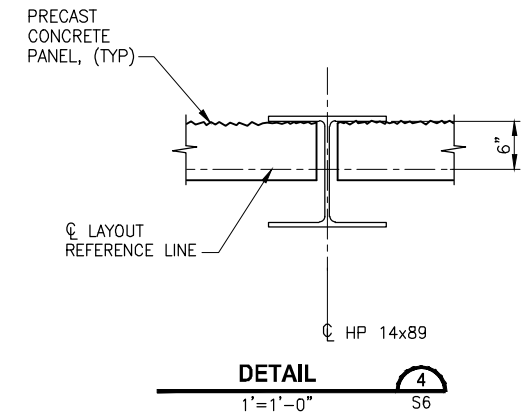
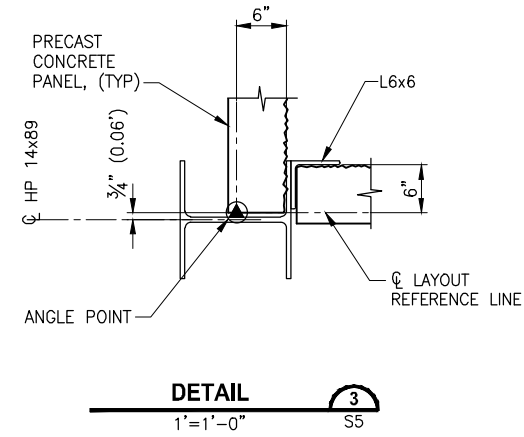
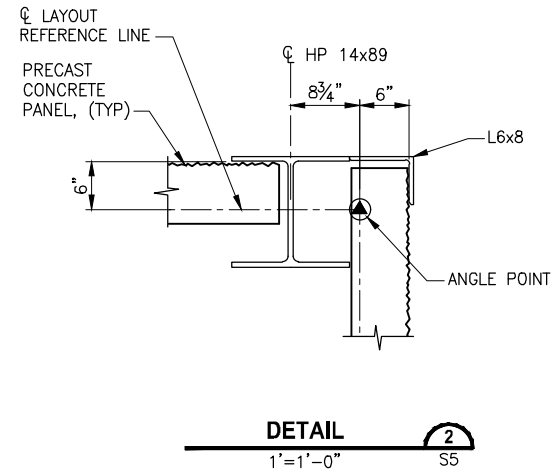
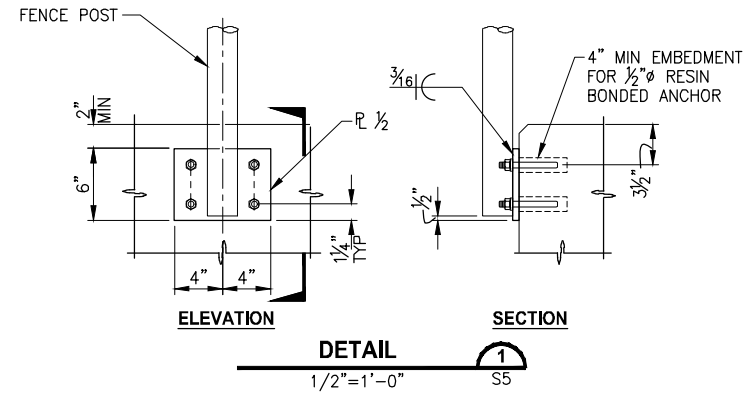
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

SOLDIER PILE WALL DETAILS

SHEET NO.
132 OF 158
S5

LAYOUT: S6 PATH: U:\PSC\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Sca\CADD\Phase 13\T03_Civil\Drawg\ PLOTTED BY: purgubut DATE: Friday, July 07, 2017 5:41:12 PM



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City Engineer _____	Date _____
Community Development _____	Date _____

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REVISIONS	DATE	BY	DESIGNED
			R. MURRAY
			A. VALENCIA
			P. JOHANNESSEN
			Y. HO

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FILE NAME: BL1521075P19T03S-02
JOB No: 554-1521-075 P19 T03
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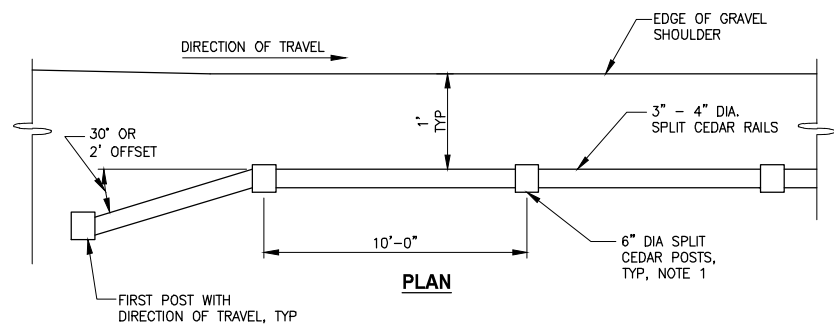
PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

SOLDIER PILE WALL DETAILS

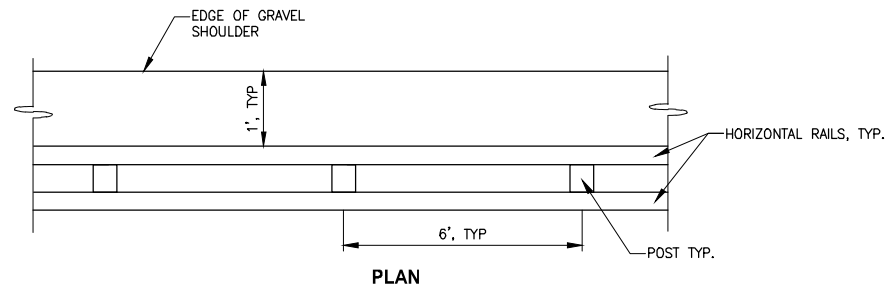
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133 OF 158

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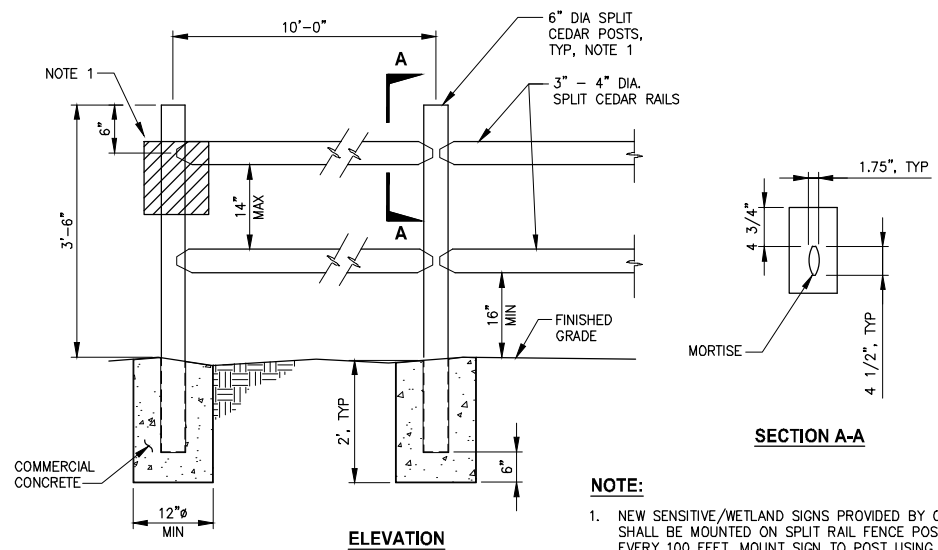
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PLAN



PLAN

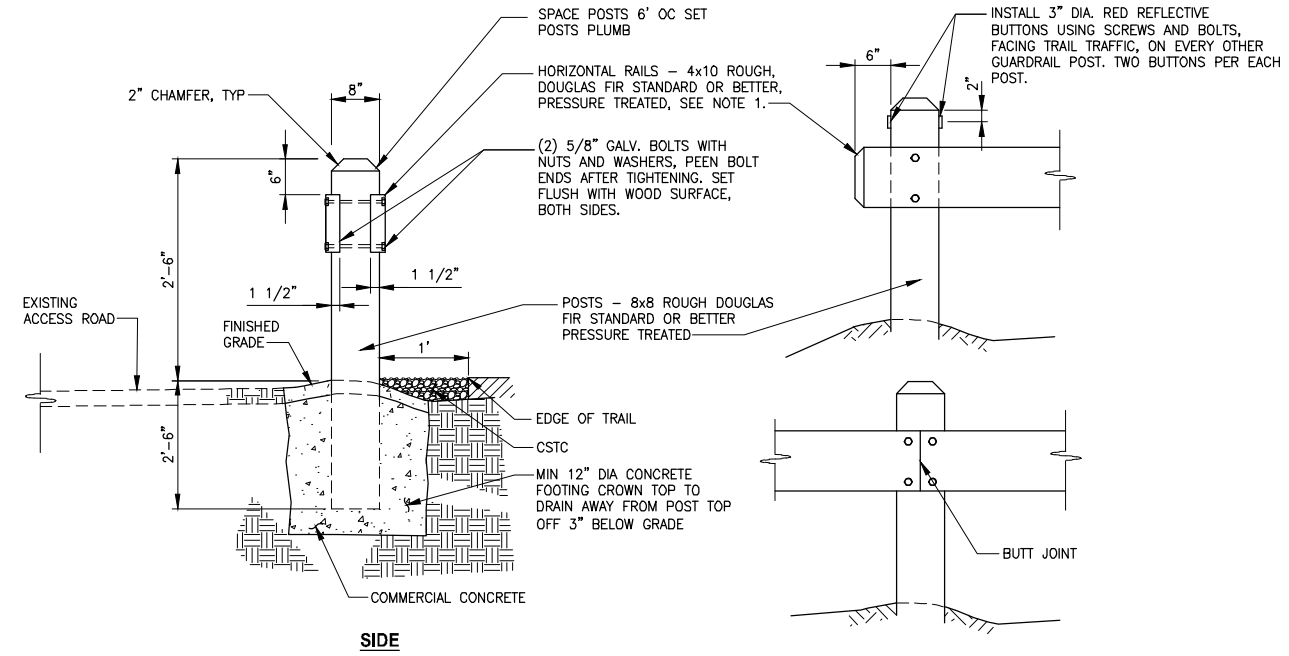


ELEVATION

SPLIT RAIL FENCE-INSTALLATION ON GROUND

DETAIL

NOT TO SCALE



SIDE

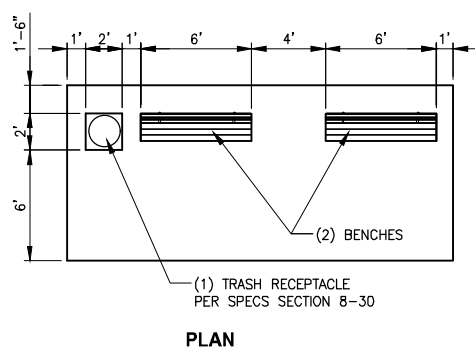
WOOD GUARDRAIL

DETAIL

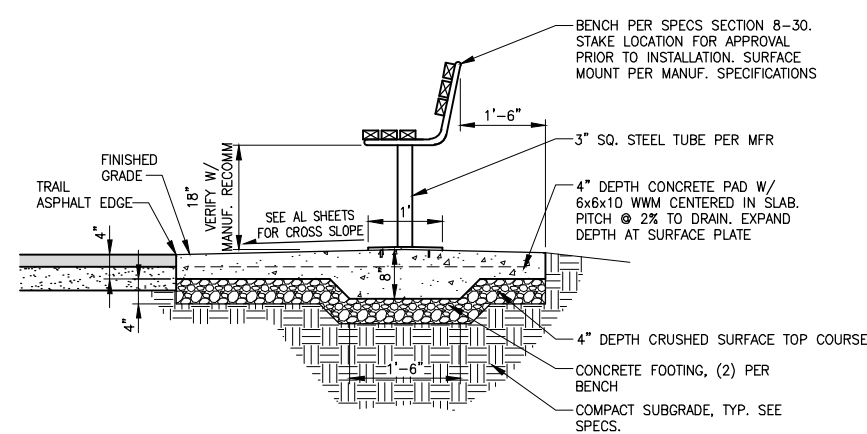
NOT TO SCALE

NOTES:

- ALLOW FOR 10 1/4" CUT IN POST TO LET IN HORIZONTAL RAIL.
- ALL FIELD DRILLING OR CUT SECTIONS OF GUARDRAIL SHALL BE TREATED WITH A WOOD PRESERVATIVE PER SECTION 9-09.3.



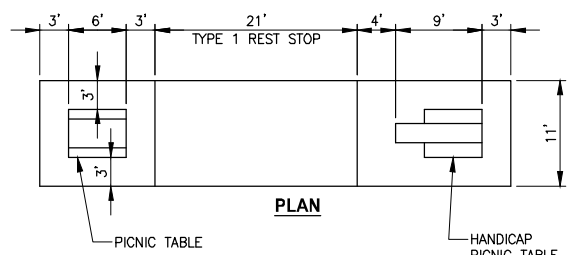
PLAN



TYPE 1 REST STOP

DETAIL

NOT TO SCALE

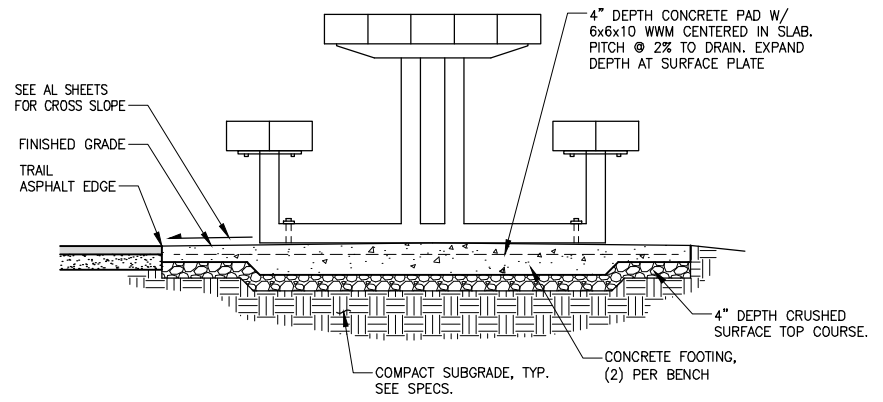


PLAN

TYPE 2 REST STOP

DETAIL

NOT TO SCALE



CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

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REVISIONS	DATE	BY	DESIGNED
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			Y. HO

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 FILE NAME: BL1521075P19T03MD-01
 JOB No. 554-1521-075 P19 T03
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PRELIMINARY

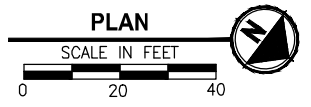
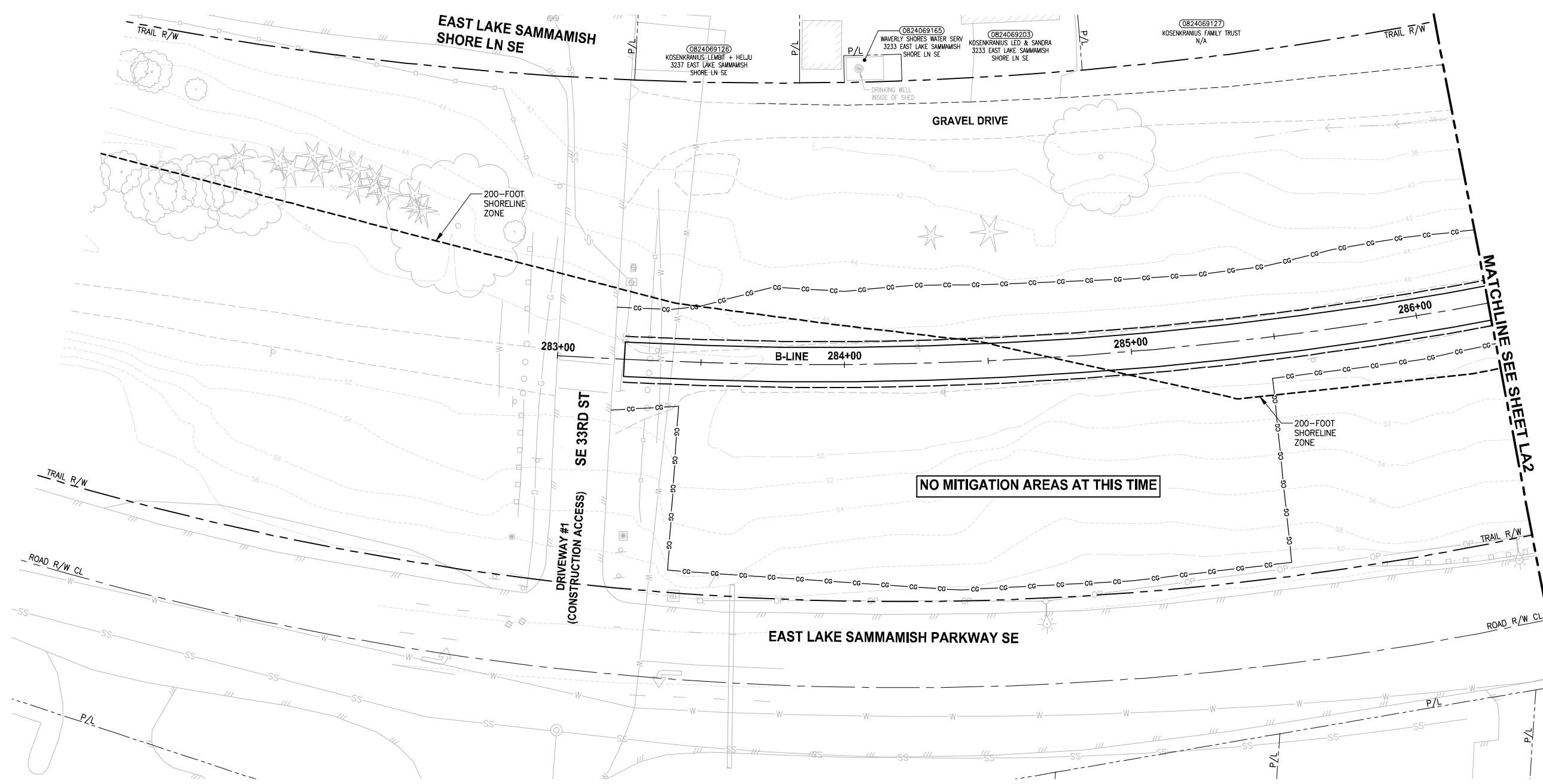
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

MISCELLANEOUS DETAILS

SHEET NO.
 134 OF 158
MD1

PATH: U:\PSO\Projects\Clients\1521-075-ELST\98\SS\CA\Phase 19\T03_C\LA1(Dwg) PLOTTED BY: purgubut DATE: Friday, July 07, 2017 5:42:42 PM LAYOUT: LA1



- CONSTRUCTION NOTES:**
- 1 REMOVE LAWN IN THIS AREA.
 - 2 REMOVE CONCRETE PAD.
 - 3 REMOVE GRAVEL PAVING.
 - 4 REMOVE STRUCTURE IN THIS AREA.
 - 5 PROTECT EXISTING NATIVE TREES AND SHRUBS; REMOVE BLACKBERRY AND OTHER UNWANTED INVASIVE PLANTS; AMEND SOIL WITH COMPOST; PLANT WITH NATIVE WETLAND PLANTS AND PLACE WOOD CHIP MULCH OVER ENTIRE AREA.
 - 6 PROTECT EXISTING NATIVE TREES AND SHRUBS; REMOVE BLACKBERRY AND OTHER UNWANTED INVASIVE PLANTS; AMEND SOIL WITH COMPOST; PLANT WITH NATIVE BUFFER PLANTS AND PLACE WOOD CHIP MULCH OVER ENTIRE AREA.
 - 7 GRADE AREA TO CREATE WETLAND CONDITIONS AND AMEND SOIL WITH COMPOST, PLANT WITH NATIVE WETLAND PLANTS.

- GENERAL NOTES:**
1. SEE SHEET LA23 FOR DETAILS AND PLANT LISTS.
 2. SEEDING FOR REMOVED DRIVEWAYS IS NOT PART OF THE MITIGATION PLAN.

- LEGEND:**
- WBE WETLAND BUFFER ENHANCEMENT (6)
 - WBA WETLAND BUFFER ADDITION AREA (6)
 - SSE SHORELINE SETBACK ENHANCEMENT AREA (6)
 - WC/WR WETLAND CREATION OR RESTORATION AREA (7)
 - WE WETLAND ENHANCEMENT AREA (5)
 - SBE STREAM BUFFER ENHANCEMENT AREA (6)
 - SEEDING FOR REMOVED DRIVEWAYS. NOTE 2.
 - LOW GROWING SHRUB PLANTING AREA

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			J. SWENSON
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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 FILE NAME: BL1521075P19T03LA-01
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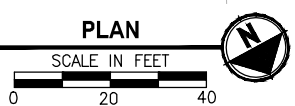
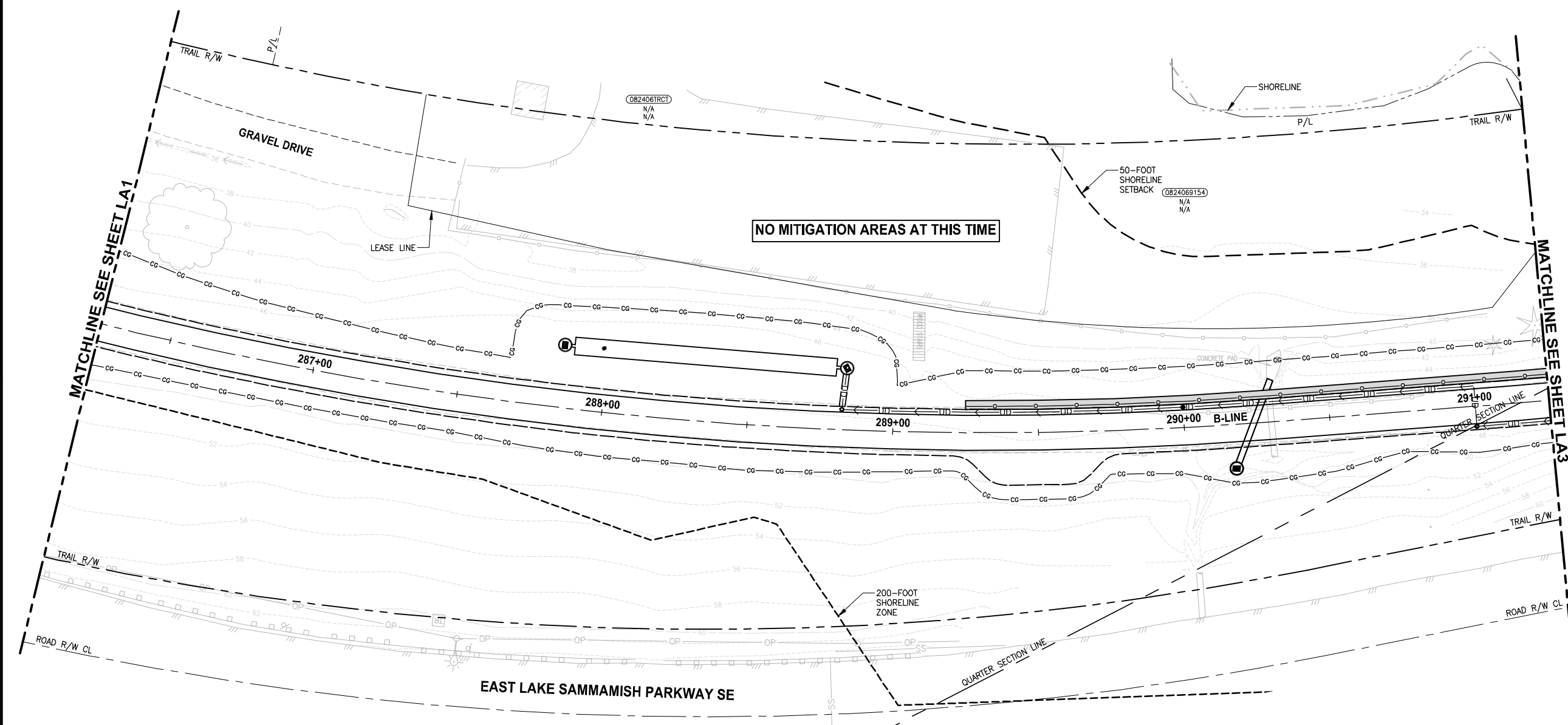
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PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

LANDSCAPE PLAN

SHEET NO.
 135 OF 158
LA1

PATH: U:\P50\Projects\Clients\1521-075-ELST\985Secs\CADD\Phase 19\T03_Civil\Draw\ PLOTTED BY: purgahan DATE: Friday, July 07, 2017 5:43:00 PM LAYOUT: LA2



- CONSTRUCTION NOTES:**
- 1 REMOVE LAWN IN THIS AREA.
 - 2 REMOVE CONCRETE PAD.
 - 3 REMOVE GRAVEL PAVING.
 - 4 REMOVE STRUCTURE IN THIS AREA.
 - 5 PROTECT EXISTING NATIVE TREES AND SHRUBS; REMOVE BLACKBERRY AND OTHER UNWANTED INVASIVE PLANTS; AMEND SOIL WITH COMPOST; PLANT WITH NATIVE WETLAND PLANTS AND PLACE WOOD CHIP MULCH OVER ENTIRE AREA.
 - 6 PROTECT EXISTING NATIVE TREES AND SHRUBS; REMOVE BLACKBERRY AND OTHER UNWANTED INVASIVE PLANTS; AMEND SOIL WITH COMPOST; PLANT WITH NATIVE BUFFER PLANTS AND PLACE WOOD CHIP MULCH OVER ENTIRE AREA.
 - 7 GRADE AREA TO CREATE WETLAND CONDITIONS AND AMEND SOIL WITH COMPOST, PLANT WITH NATIVE WETLAND PLANTS.

- GENERAL NOTES:**
1. SEE SHEET LA23 FOR DETAILS AND PLANT LISTS.
 2. SEEDING FOR REMOVED DRIVEWAYS IS NOT PART OF THE MITIGATION PLAN.

- LEGEND:**
- WBE WETLAND BUFFER ENHANCEMENT (6)
 - WBA WETLAND BUFFER ADDITION AREA (6)
 - SSE SHORELINE SETBACK ENHANCEMENT AREA (6)
 - WC/WR WETLAND CREATION OR RESTORATION AREA (7)
 - WE WETLAND ENHANCEMENT AREA (5)
 - SBE STREAM BUFFER ENHANCEMENT AREA (6)
 - SEEDING FOR REMOVED DRIVEWAYS. NOTE 2.
 - LOW GROWING SHRUB PLANTING AREA

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			J. SWENSON
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

**ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY**

FILE NAME: BL1521075P19T03LA-01
JOB No.: 554-1521-075 P19 T03
DATE: JULY 2017

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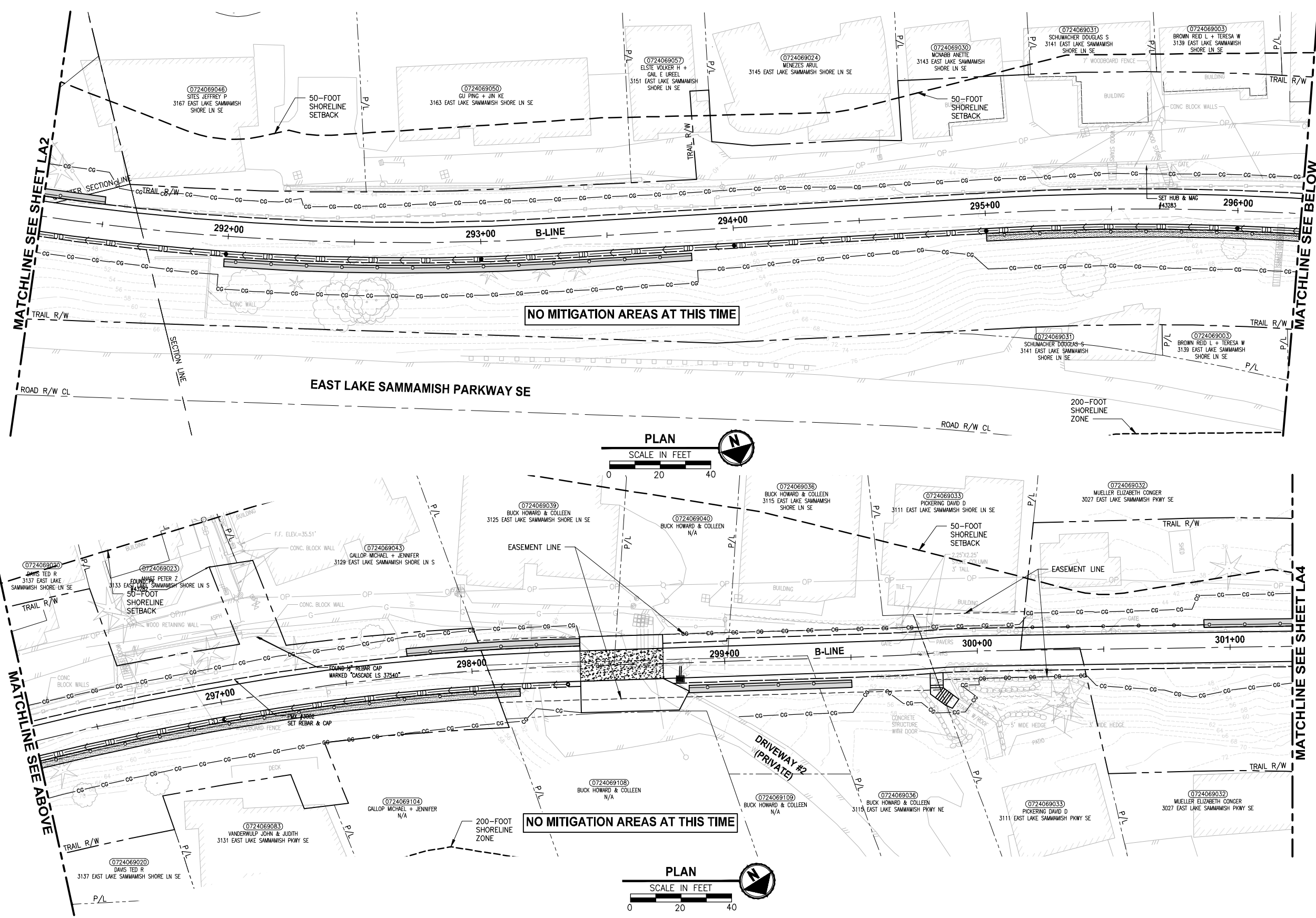
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

LANDSCAPE PLAN

SHEET NO.
136 OF 158
LA2

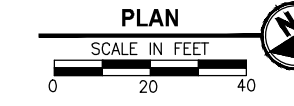
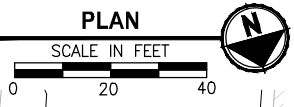
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- CONSTRUCTION NOTES:**
- 1 REMOVE LAWN IN THIS AREA.
 - 2 REMOVE CONCRETE PAD.
 - 3 REMOVE GRAVEL PAVING.
 - 4 REMOVE STRUCTURE IN THIS AREA.
 - 5 PROTECT EXISTING NATIVE TREES AND SHRUBS; REMOVE BLACKBERRY AND OTHER UNWANTED INVASIVE PLANTS; AMEND SOIL WITH COMPOST; PLANT WITH NATIVE WETLAND PLANTS AND PLACE WOOD CHIP MULCH OVER ENTIRE AREA.
 - 6 PROTECT EXISTING NATIVE TREES AND SHRUBS; REMOVE BLACKBERRY AND OTHER UNWANTED INVASIVE PLANTS; AMEND SOIL WITH COMPOST; PLANT WITH NATIVE BUFFER PLANTS AND PLACE WOOD CHIP MULCH OVER ENTIRE AREA.
 - 7 GRADE AREA TO CREATE WETLAND CONDITIONS AND AMEND SOIL WITH COMPOST, PLANT WITH NATIVE WETLAND PLANTS.

- GENERAL NOTES:**
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 2. SEEDING FOR REMOVED DRIVEWAYS IS NOT PART OF THE MITIGATION PLAN.

- LEGEND:**
- WBE WETLAND BUFFER ENHANCEMENT (6)
 - WBA WETLAND BUFFER ADDITION AREA (6)
 - SSE SHORELINE SETBACK ENHANCEMENT AREA (6)
 - WC/WR WETLAND CREATION OR RESTORATION AREA (7)
 - WE WETLAND ENHANCEMENT AREA (5)
 - SBE STREAM BUFFER ENHANCEMENT AREA (6)
 - SEEDING FOR REMOVED DRIVEWAYS. NOTE 2.
 - LOW GROWING SHRUB PLANTING AREA



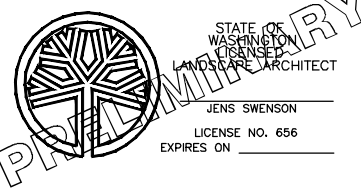
CITY OF SAMMAMISH APPROVAL

City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			J. SWENSON
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
FILE NAME: BL1521075P19T03LA-01
JOB No. 554-1521-075 P19 T03
DATE: JULY 2017



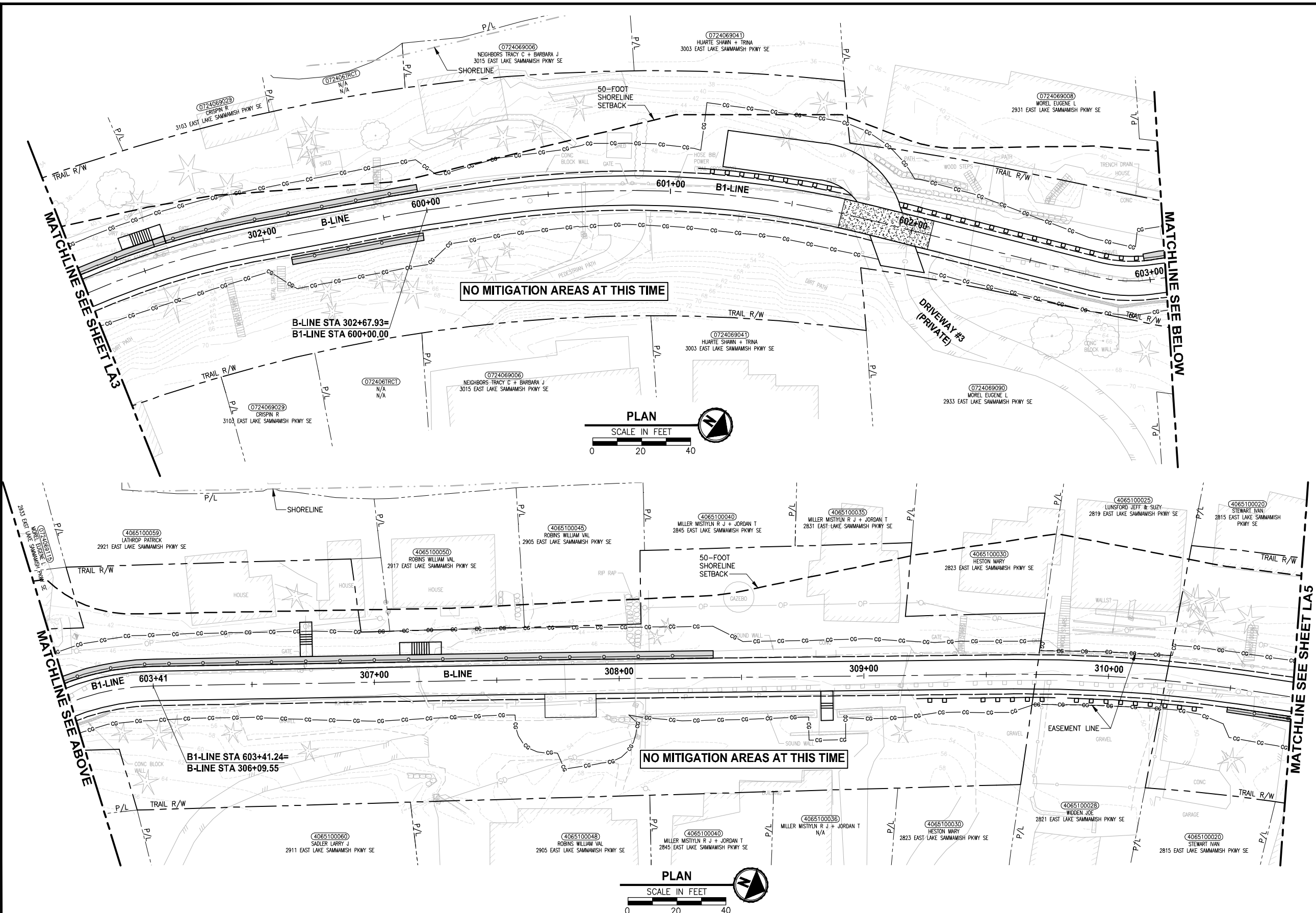
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
SAMMAMISH, WA

LANDSCAPE PLAN

SHEET NO.
137 OF 158
LA3

PATH: U:\P50\Projects\Clients\1521-075-ELSA\985\CA000\Phase 19\T03_Civil\Draw\ PLOTTED BY: purgaban DATE: Friday, July 07, 2017 5:44:01 PM LAYOUT: LA4



- CONSTRUCTION NOTES:**
- 1 REMOVE LAWN IN THIS AREA.
 - 2 REMOVE CONCRETE PAD.
 - 3 REMOVE GRAVEL PAVING.
 - 4 REMOVE STRUCTURE IN THIS AREA.
 - 5 PROTECT EXISTING NATIVE TREES AND SHRUBS; REMOVE BLACKBERRY AND OTHER UNWANTED INVASIVE PLANTS; AMEND SOIL WITH COMPOST; PLANT WITH NATIVE WETLAND PLANTS AND PLACE WOOD CHIP MULCH OVER ENTIRE AREA.
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 2. SEEDING FOR REMOVED DRIVEWAYS IS NOT PART OF THE MITIGATION PLAN.

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 - WBA WETLAND BUFFER ADDITION AREA (6)
 - SSE SHORELINE SETBACK ENHANCEMENT AREA (6)
 - WC/WR WETLAND CREATION OR RESTORATION AREA (7)
 - WE WETLAND ENHANCEMENT AREA (5)
 - SBE STREAM BUFFER ENHANCEMENT AREA (6)
 - SEEDING FOR REMOVED DRIVEWAYS. NOTE 2.
 - LOW GROWING SHRUB PLANTING AREA

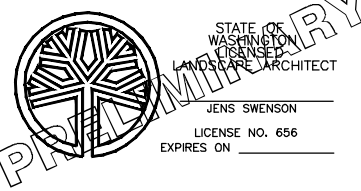
CITY OF SAMMAMISH APPROVAL

City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			J. SWENSON
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P19T03LA-01
 JOB No.: 54-1521-075 P19 T03
 DATE: JULY 2017



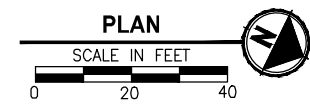
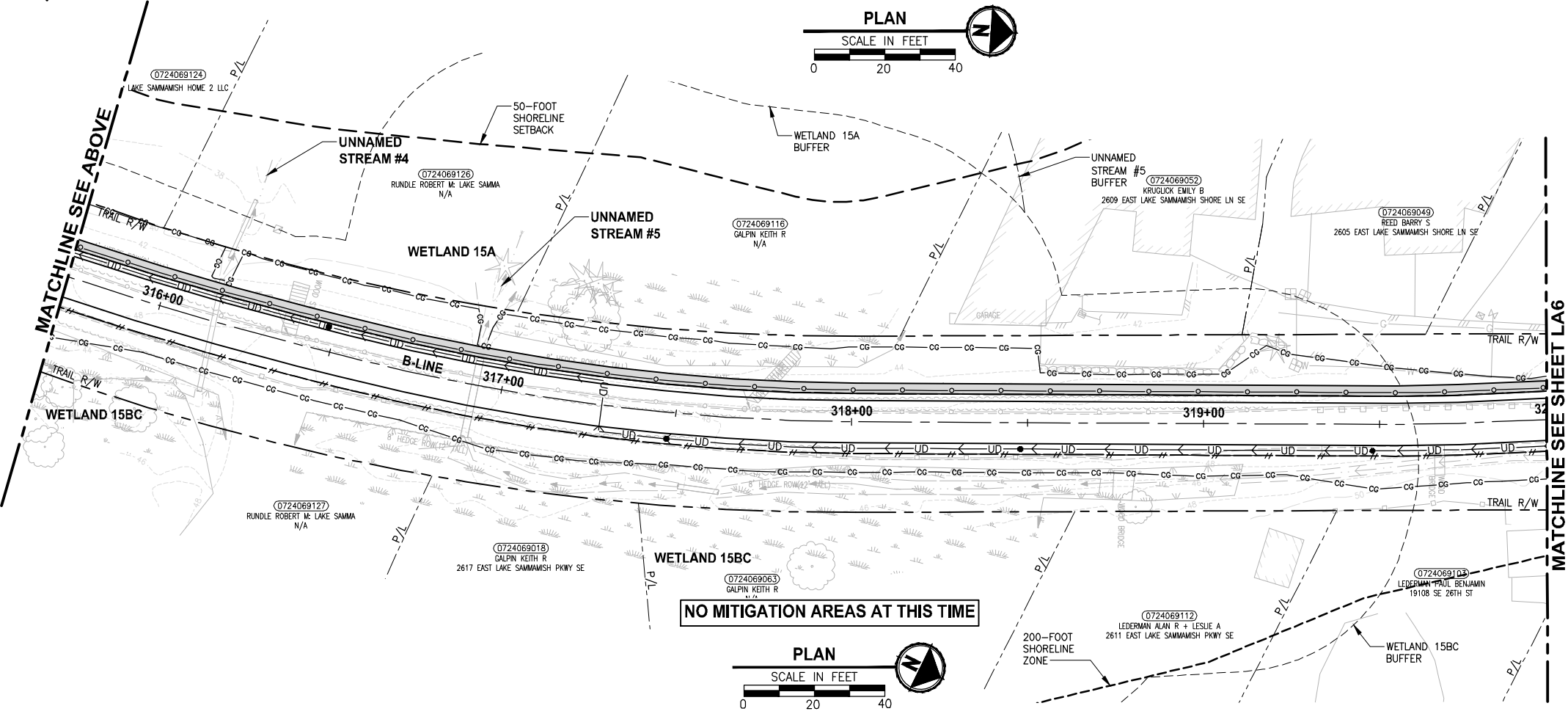
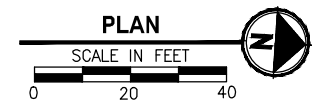
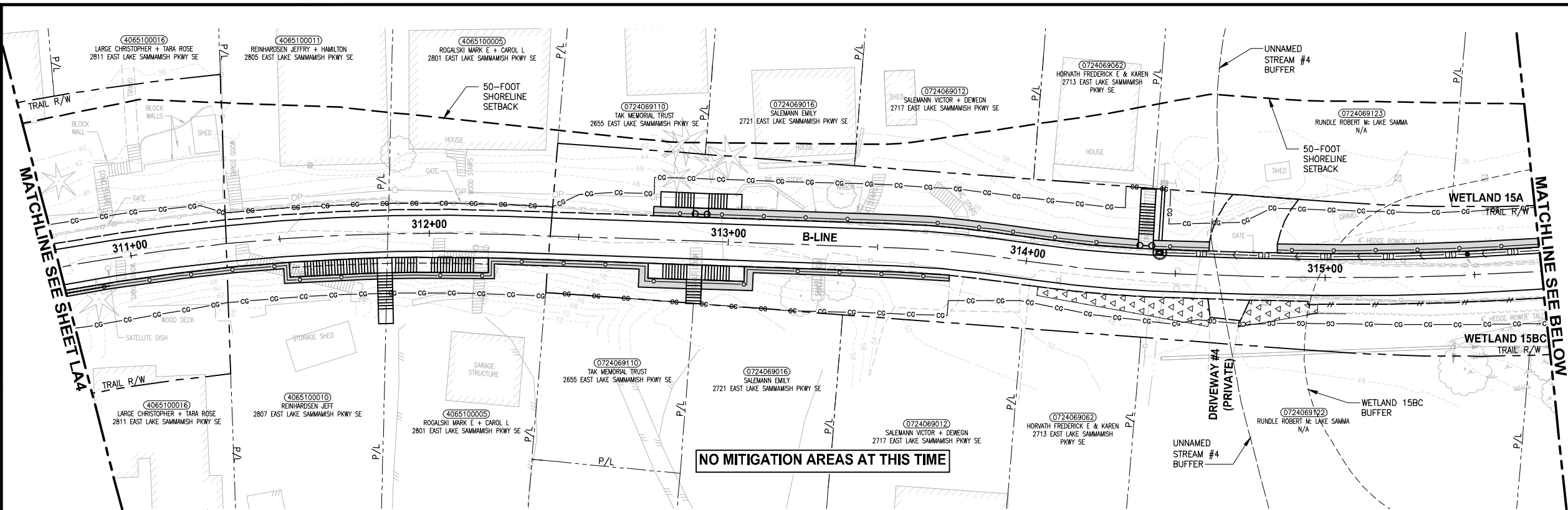
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

LANDSCAPE PLAN

SHEET NO.
138 OF 158
LA4

PATH: U:\P50\Projects\Clients\1521-075-ELSA\985\CA000\Phase 19\T03_Civil\Draw\ PLOTTED BY: purgaban DATE: Friday, July 07, 2017 5:44:30 PM LAYOUT: LA5



- CONSTRUCTION NOTES:**
- 1 REMOVE LAWN IN THIS AREA.
 - 2 REMOVE CONCRETE PAD.
 - 3 REMOVE GRAVEL PAVING.
 - 4 REMOVE STRUCTURE IN THIS AREA.
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- GENERAL NOTES:**
1. SEE SHEET LA23 FOR DETAILS AND PLANT LISTS.
 2. SEEDING FOR REMOVED DRIVEWAYS IS NOT PART OF THE MITIGATION PLAN.

LEGEND:

	WETLAND BUFFER ENHANCEMENT	6
	WETLAND BUFFER ADDITION AREA	6
	SHORELINE SETBACK ENHANCEMENT AREA	6
	WETLAND CREATION OR RESTORATION AREA	7
	WETLAND ENHANCEMENT AREA	5
	STREAM BUFFER ENHANCEMENT AREA	6
	SEEDING FOR REMOVED DRIVEWAYS. NOTE 2.	
	LOW GROWING SHRUB PLANTING AREA	

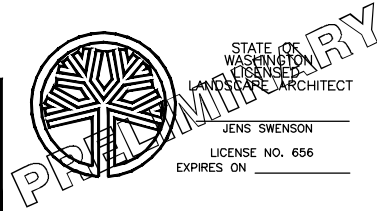
CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

NO.	REVISIONS	DATE	BY	DESIGNED
				J. SWENSON
				B. PURGANAN
				P. JOHANNESSEN
				Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P19T03LA-01
 JOB No.: 54-1521-075 P19 T03
 DATE: JULY 2017



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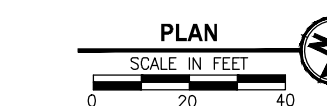
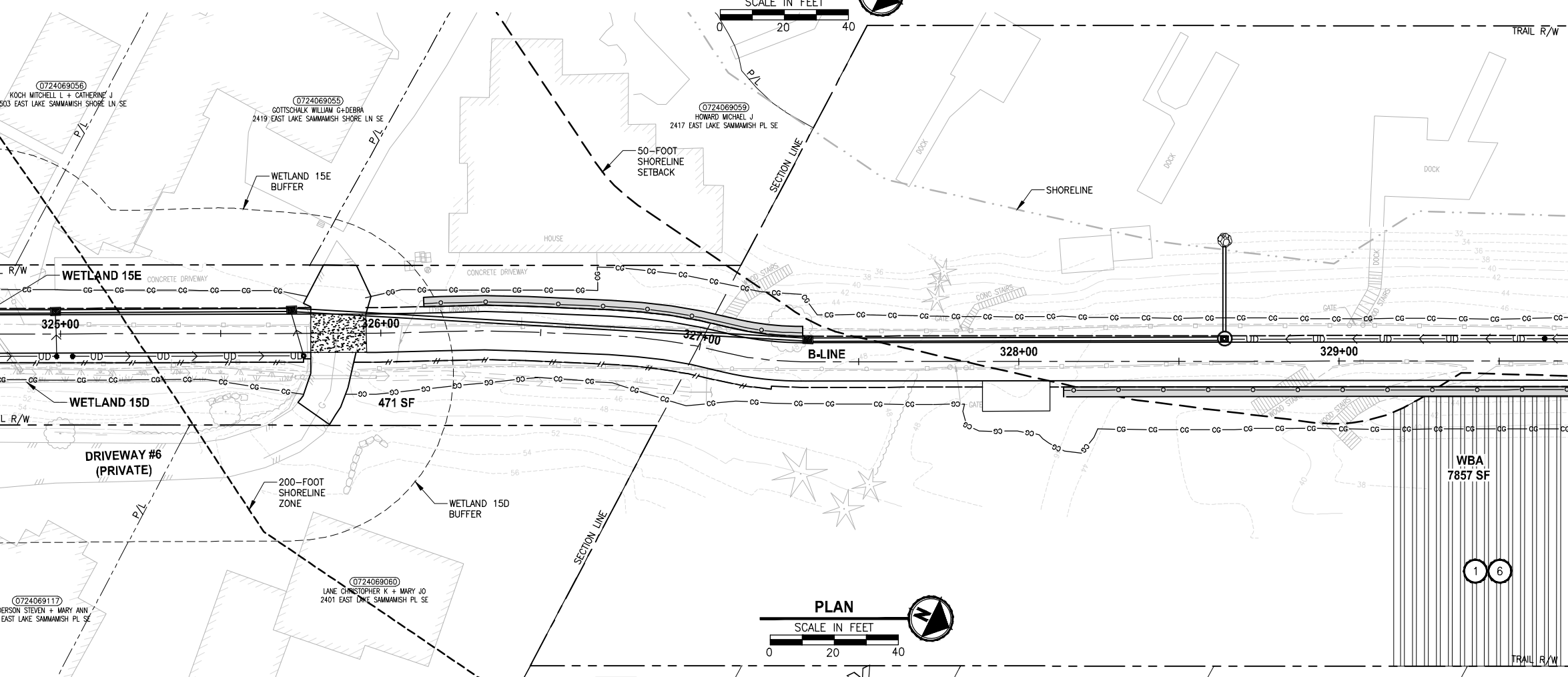
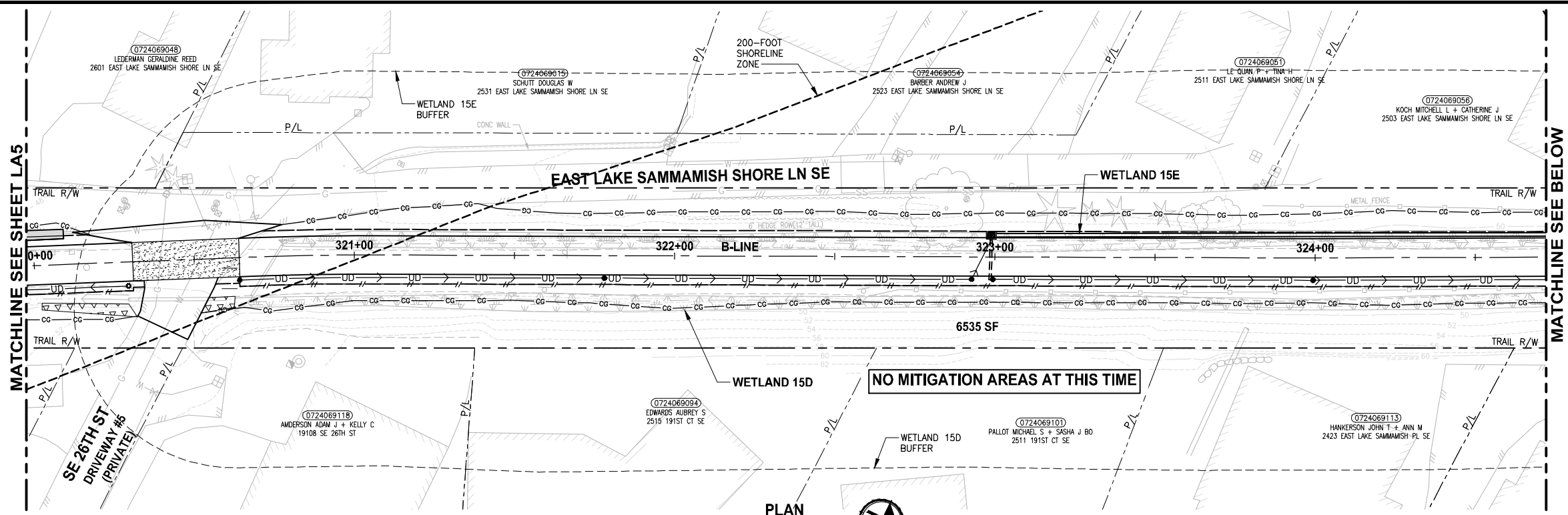
PROJECT NAME:
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

LANDSCAPE PLAN

SHEET NO.
 139 OF 158

LA5

PATH: U:\PSON\Projects\Clients\1521-KingCo\554-1521-075-ELST\985Secs\CADD\Phase 19\T03_Civil\Draw\ PLOTTED BY: purgaban DATE: Friday, July 07, 2017 5:45:01 PM LAYOUT: LA6



- CONSTRUCTION NOTES:**
- 1 REMOVE LAWN IN THIS AREA.
 - 2 REMOVE CONCRETE PAD.
 - 3 REMOVE GRAVEL PAVING.
 - 4 REMOVE STRUCTURE IN THIS AREA.
 - 5 PROTECT EXISTING NATIVE TREES AND SHRUBS; REMOVE BLACKBERRY AND OTHER UNWANTED INVASIVE PLANTS; AMEND SOIL WITH COMPOST; PLANT WITH NATIVE WETLAND PLANTS AND PLACE WOOD CHIP MULCH OVER ENTIRE AREA.
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- GENERAL NOTES:**
1. SEE SHEET LA23 FOR DETAILS AND PLANT LISTS.
 2. SEEDING FOR REMOVED DRIVEWAYS IS NOT PART OF THE MITIGATION PLAN.

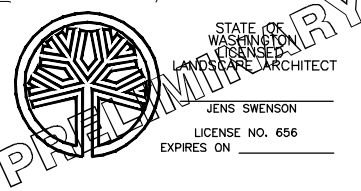
- LEGEND:**
- WBE WETLAND BUFFER ENHANCEMENT (6)
 - WBA WETLAND BUFFER ADDITION AREA (6)
 - SSE SHORELINE SETBACK ENHANCEMENT AREA (6)
 - WC/WR WETLAND CREATION OR RESTORATION AREA (7)
 - WE WETLAND ENHANCEMENT AREA (5)
 - SBE STREAM BUFFER ENHANCEMENT AREA (6)
 - SEEDING FOR REMOVED DRIVEWAYS. NOTE 2.
 - LOW GROWING SHRUB PLANTING AREA

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			J. SWENSON
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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IF NOT, SCALE ACCORDINGLY**
 FILE NAME: BL1521075P19T03LA-01
 JOB No.: 554-1521-075 P19 T03
 DATE: JULY 2017



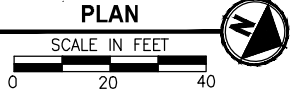
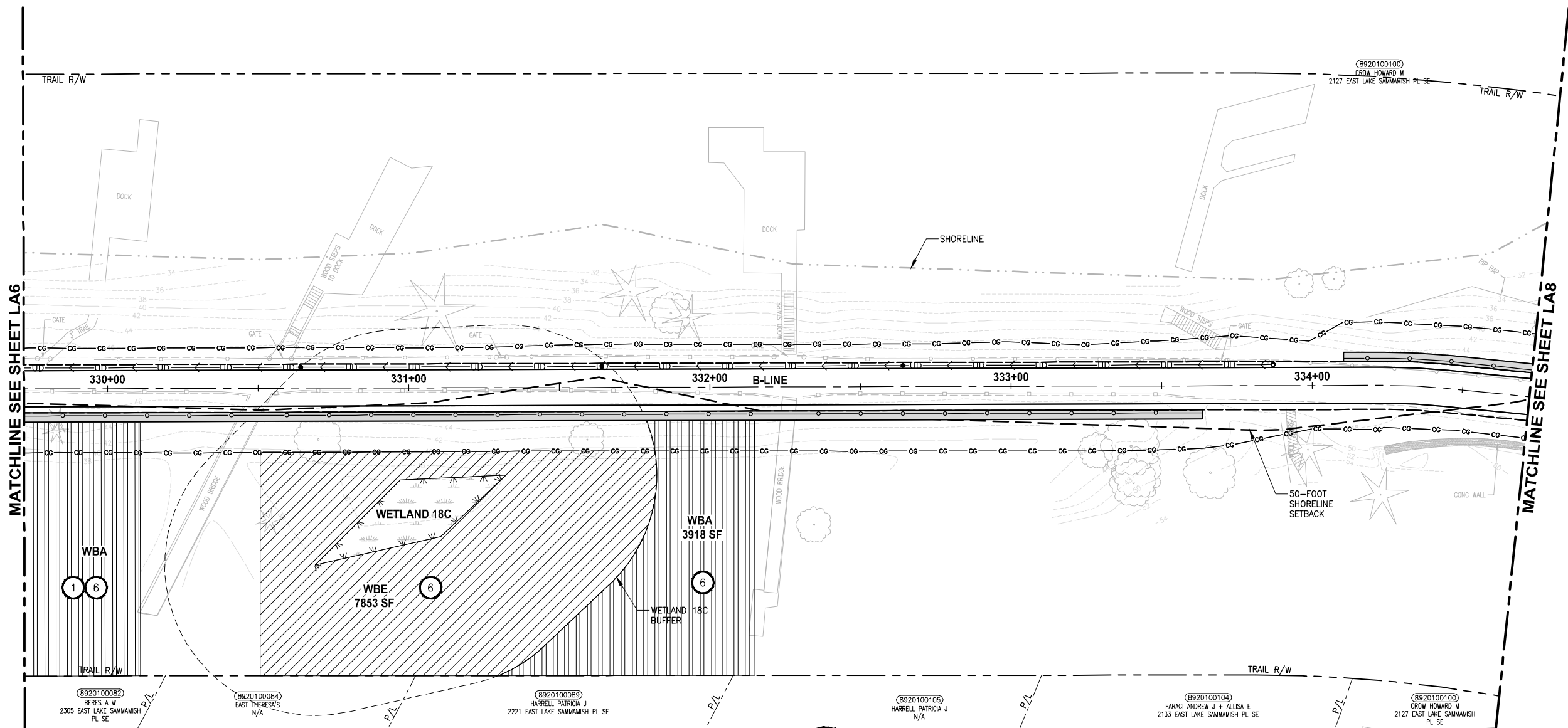
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 P 206.394.3700
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PROJECT NAME:
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

LANDSCAPE PLAN
 LA6

SHEET NO.
 140 OF 158
LA6

PATH: U:\P50\Projects\Clients\1521-075-ELSA\995Secs\CADD\Phase 19\T03 CIV\LA7.dwg PLOTTED BY: purgaban DATE: Friday, July 07, 2017 5:46:22 PM LAYOUT: LA7



- CONSTRUCTION NOTES:**
- 1 REMOVE LAWN IN THIS AREA.
 - 2 REMOVE CONCRETE PAD.
 - 3 REMOVE GRAVEL PAVING.
 - 4 REMOVE STRUCTURE IN THIS AREA.
 - 5 PROTECT EXISTING NATIVE TREES AND SHRUBS; REMOVE BLACKBERRY AND OTHER UNWANTED INVASIVE PLANTS; AMEND SOIL WITH COMPOST; PLANT WITH NATIVE WETLAND PLANTS AND PLACE WOOD CHIP MULCH OVER ENTIRE AREA.
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- GENERAL NOTES:**
1. SEE SHEET LA23 FOR DETAILS AND PLANT LISTS.
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- LEGEND:**
- WBE WETLAND BUFFER ENHANCEMENT (6)
 - WBA WETLAND BUFFER ADDITION AREA (6)
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 - WE WETLAND ENHANCEMENT AREA (5)
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 - SEEDING FOR REMOVED DRIVEWAYS. NOTE 2.
 - LOW GROWING SHRUB PLANTING AREA

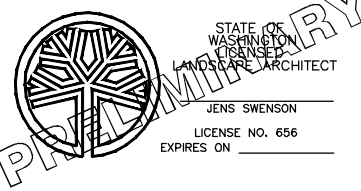
CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			J. SWENSON
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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FILE NAME: BL1521075P19T03LA-02
JOB No.: 1521-075 P19 T03
DATE: JULY 2017



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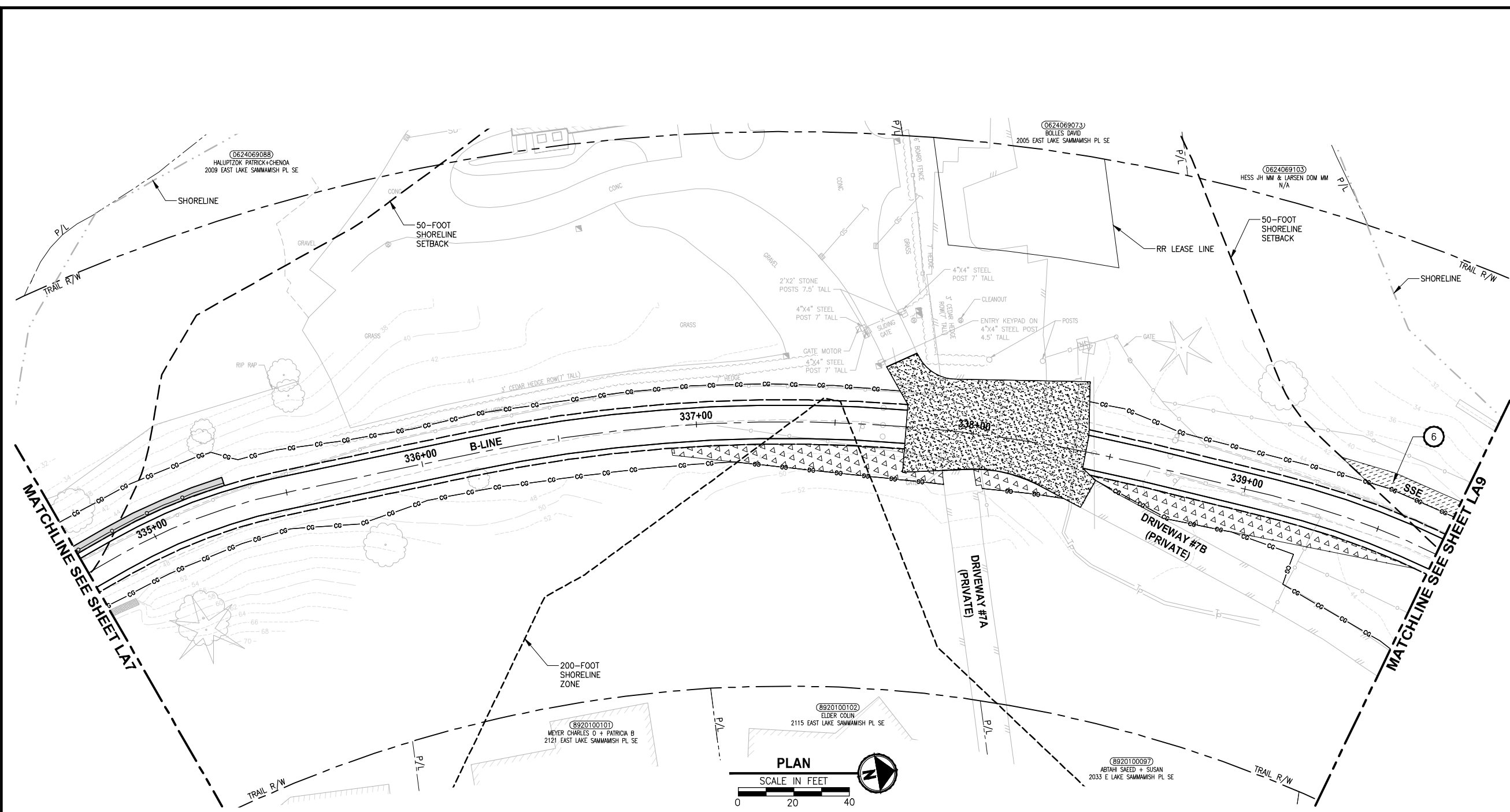
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PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

LANDSCAPE PLAN

SHEET NO.
141 OF 158
LA7

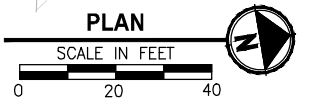
PATH: U:\PSO\Projects\Clients\1521-075-ELSA\985Secs\CADD\Phase 19\T03 CIV\Draw\ PLOTTED BY: purgaban DATE: Friday, July 07, 2017 5:46:40 PM LAYOUT: LAB



- CONSTRUCTION NOTES:**
- 1 REMOVE LAWN IN THIS AREA.
 - 2 REMOVE CONCRETE PAD.
 - 3 REMOVE GRAVEL PAVING.
 - 4 REMOVE STRUCTURE IN THIS AREA.
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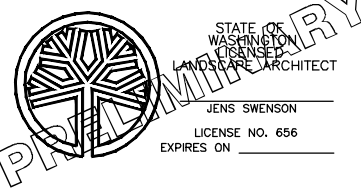
CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			J. SWENSON
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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FILE NAME: BL1521075P19T03LA-02
JOB No.: 54-1521-075 P19 T03
DATE: JULY 2017



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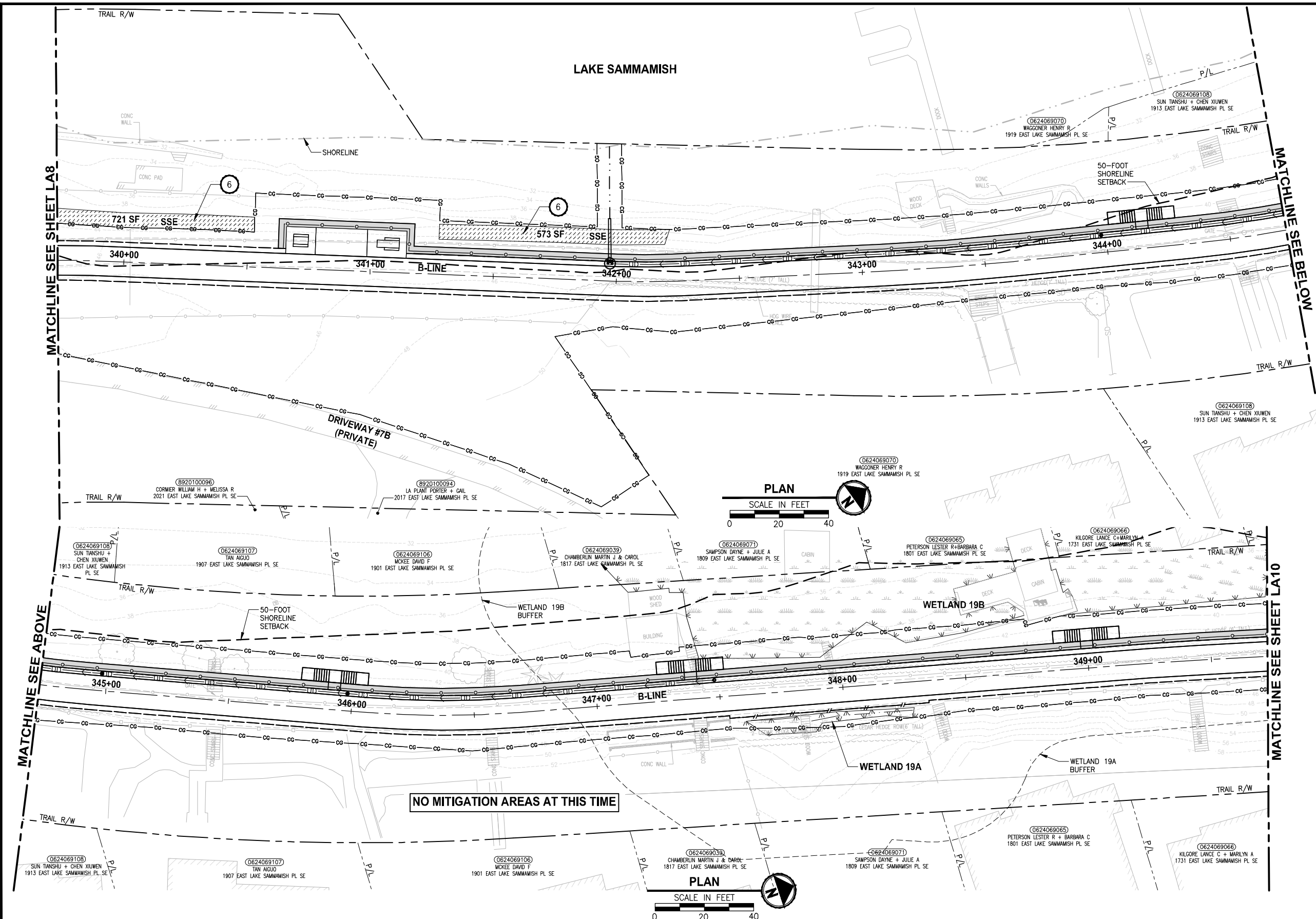
PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

LANDSCAPE PLAN

SHEET NO.
142 OF 158

LA8

U:\P50\Projects\Clients\1521-075-ELSA\98\Specs\CADD\Phase 19\T03_Civil\Drawn - Friday, July 07, 2017 5:47:13 PM



NO MITIGATION AREAS AT THIS TIME

- CONSTRUCTION NOTES:**
- 1 REMOVE LAWN IN THIS AREA.
 - 2 REMOVE CONCRETE PAD.
 - 3 REMOVE GRAVEL PAVING.
 - 4 REMOVE STRUCTURE IN THIS AREA.
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 - SEEDING FOR REMOVED DRIVEWAYS. NOTE 2.
 - LOW GROWING SHRUB PLANTING AREA

CITY OF SAMMAMISH APPROVAL

City Engineer	Date
Community Development	Date

REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			J. SWENSON
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

STATE OF WASHINGTON
LANDSCAPE ARCHITECT

JENS SWENSON
LICENSE NO. 656
EXPIRES ON

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P19T03LA-02
JOB No. 54-1521-075 P19 T03
DATE: JULY 2017

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PROJECT NAME

**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**

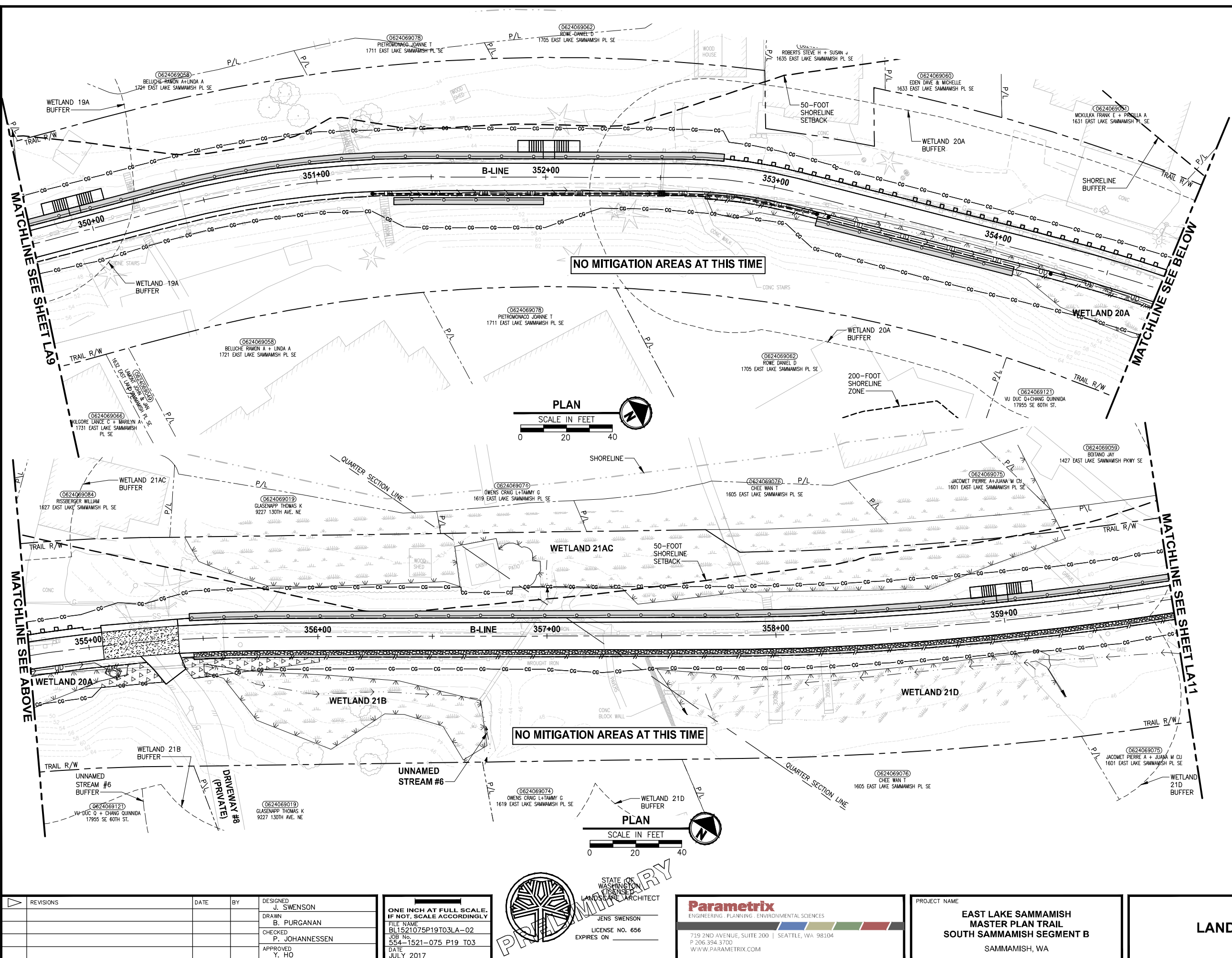
SAMMAMISH, WA

LANDSCAPE PLAN

SHEET NO.
143 OF 158

LA9

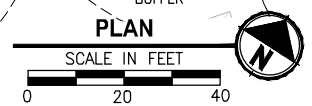
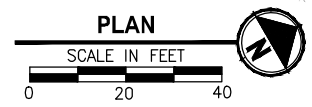
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- CONSTRUCTION NOTES:**
- 1 REMOVE LAWN IN THIS AREA.
 - 2 REMOVE CONCRETE PAD.
 - 3 REMOVE GRAVEL PAVING.
 - 4 REMOVE STRUCTURE IN THIS AREA.
 - 5 PROTECT EXISTING NATIVE TREES AND SHRUBS; REMOVE BLACKBERRY AND OTHER UNWANTED INVASIVE PLANTS; AMEND SOIL WITH COMPOST; PLANT WITH NATIVE WETLAND PLANTS AND PLACE WOOD CHIP MULCH OVER ENTIRE AREA.
 - 6 PROTECT EXISTING NATIVE TREES AND SHRUBS; REMOVE BLACKBERRY AND OTHER UNWANTED INVASIVE PLANTS; AMEND SOIL WITH COMPOST; PLANT WITH NATIVE BUFFER PLANTS AND PLACE WOOD CHIP MULCH OVER ENTIRE AREA.
 - 7 GRADE AREA TO CREATE WETLAND CONDITIONS AND AMEND SOIL WITH COMPOST, PLANT WITH NATIVE WETLAND PLANTS.

- GENERAL NOTES:**
1. SEE SHEET LA23 FOR DETAILS AND PLANT LISTS.
 2. SEEDING FOR REMOVED DRIVEWAYS IS NOT PART OF THE MITIGATION PLAN.

- LEGEND:**
- WBE WETLAND BUFFER ENHANCEMENT (6)
 - WBA WETLAND BUFFER ADDITION AREA (6)
 - SSE SHORELINE SETBACK ENHANCEMENT AREA (6)
 - WC/WR WETLAND CREATION OR RESTORATION AREA (7)
 - WE WETLAND ENHANCEMENT AREA (5)
 - SBE STREAM BUFFER ENHANCEMENT AREA (6)
 - SEEDING FOR REMOVED DRIVEWAYS. NOTE 2.
 - LOW GROWING SHRUB PLANTING AREA

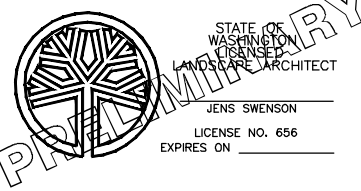


CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			J. SWENSON
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P19T03LA-02
 JOB No: 554-1521-075 P19 T03
 DATE: JULY 2017



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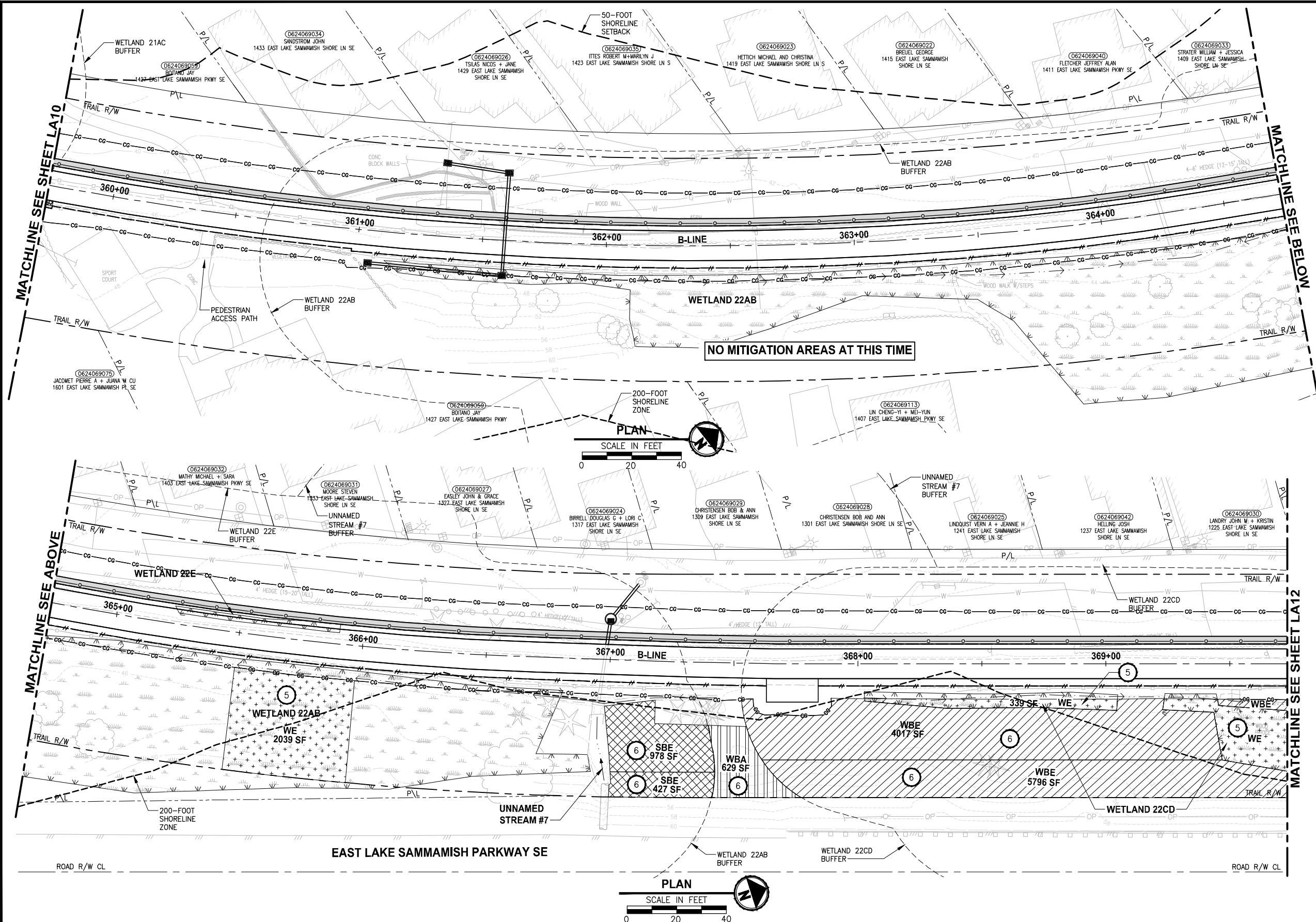
PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

LANDSCAPE PLAN

SHEET NO.
144 OF 158

LA10

PATH: U:\PSO\Projects\Clients\1521-KingCo_564-1521-075-ELST-99Secs\CADD\Phase 19\T03_Civil\DWG\ LAYOUT: LA11 PLOTTED BY: purgaban DATE: Monday, July 10, 2017 2:16:09 PM



- CONSTRUCTION NOTES:**
- 1 REMOVE LAWN IN THIS AREA.
 - 2 REMOVE CONCRETE PAD.
 - 3 REMOVE GRAVEL PAVING.
 - 4 REMOVE STRUCTURE IN THIS AREA.
 - 5 PROTECT EXISTING NATIVE TREES AND SHRUBS; REMOVE BLACKBERRY AND OTHER UNWANTED INVASIVE PLANTS; AMEND SOIL WITH COMPOST; PLANT WITH NATIVE WETLAND PLANTS AND PLACE WOOD CHIP MULCH OVER ENTIRE AREA.
 - 6 PROTECT EXISTING NATIVE TREES AND SHRUBS; REMOVE BLACKBERRY AND OTHER UNWANTED INVASIVE PLANTS; AMEND SOIL WITH COMPOST; PLANT WITH NATIVE BUFFER PLANTS AND PLACE WOOD CHIP MULCH OVER ENTIRE AREA.
 - 7 GRADE AREA TO CREATE WETLAND CONDITIONS AND AMEND SOIL WITH COMPOST, PLANT WITH NATIVE WETLAND PLANTS.

- GENERAL NOTES:**
1. SEE SHEET LA23 FOR DETAILS AND PLANT LISTS.
 2. SEEDING FOR REMOVED DRIVEWAYS IS NOT PART OF THE MITIGATION PLAN.

LEGEND:

	WETLAND BUFFER ENHANCEMENT	6
	WETLAND BUFFER ADDITION AREA	6
	SHORELINE SETBACK ENHANCEMENT AREA	6
	WETLAND CREATION OR RESTORATION AREA	7
	WETLAND ENHANCEMENT AREA	5
	STREAM BUFFER ENHANCEMENT AREA	6
	SEEDING FOR REMOVED DRIVEWAYS. NOTE 2.	
	LOW GROWING SHRUB PLANTING AREA	

CITY OF SAMMAMISH APPROVAL

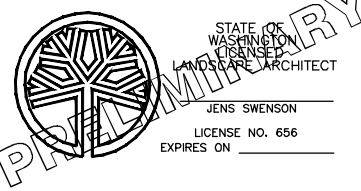
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			J. SWENSON
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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FILE NAME: BL1521075P19T03LA-02
JOB No. 564-1521-075 P19 T03
DATE: JULY 2017



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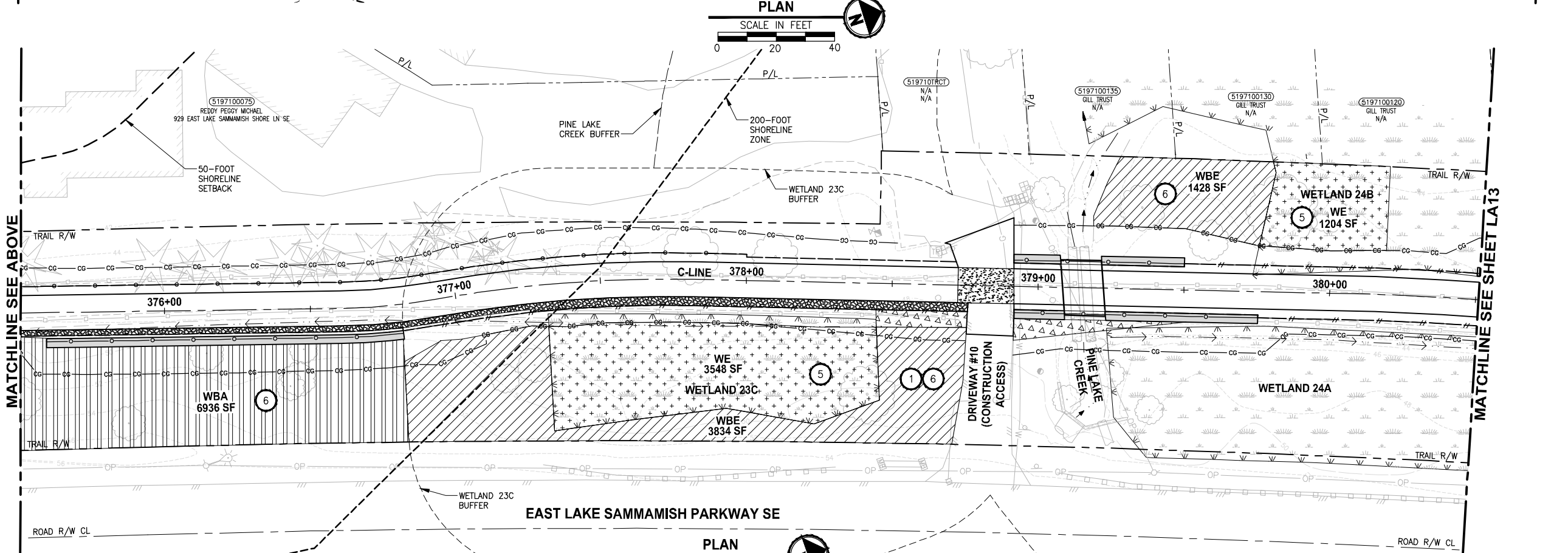
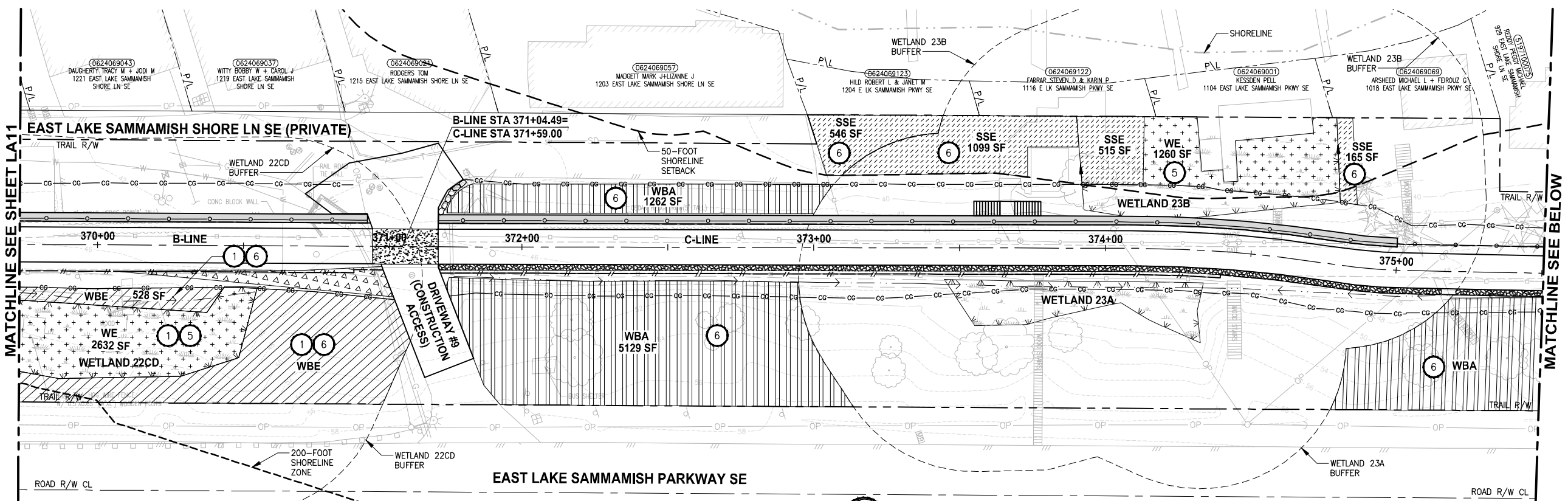
PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
SAMMAMISH, WA

SHEET NO. 145 OF 158

LANDSCAPE PLAN

LA11

LAYOUT: LA12
 PATH: J:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995\cs\CADD\Phase 19_T03_Civil\DWG\ PLOTTED BY: purgaban DATE: Monday, July 10, 2017 1:35:48 PM



- CONSTRUCTION NOTES:**
- 1 REMOVE LAWN IN THIS AREA.
 - 2 REMOVE CONCRETE PAD.
 - 3 REMOVE GRAVEL PAVING.
 - 4 REMOVE STRUCTURE IN THIS AREA.
 - 5 PROTECT EXISTING NATIVE TREES AND SHRUBS; REMOVE BLACKBERRY AND OTHER UNWANTED INVASIVE PLANTS; AMEND SOIL WITH COMPOST; PLANT WITH NATIVE WETLAND PLANTS AND PLACE WOOD CHIP MULCH OVER ENTIRE AREA.
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- GENERAL NOTES:**
1. SEE SHEET LA23 FOR DETAILS AND PLANT LISTS.
 2. SEEDING FOR REMOVED DRIVEWAYS IS NOT PART OF THE MITIGATION PLAN.

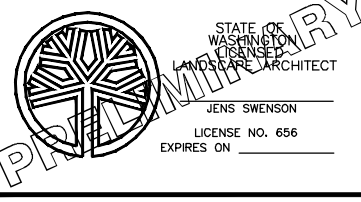
- LEGEND:**
- WBE WETLAND BUFFER ENHANCEMENT 6
 - WBA WETLAND BUFFER ADDITION AREA 6
 - SSE SHORELINE SETBACK ENHANCEMENT AREA 6
 - WC/WR WETLAND CREATION OR RESTORATION AREA 7
 - WE WETLAND ENHANCEMENT AREA 5
 - SBE STREAM BUFFER ENHANCEMENT AREA 6
 - SEEDING FOR REMOVED DRIVEWAYS. NOTE 2.
 - LOW GROWING SHRUB PLANTING AREA

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			J. SWENSON
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P19T03LA-03
 JOB No.: 554-1521-075 P19 T03
 DATE: JULY 2017

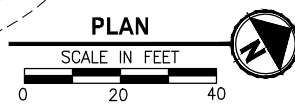
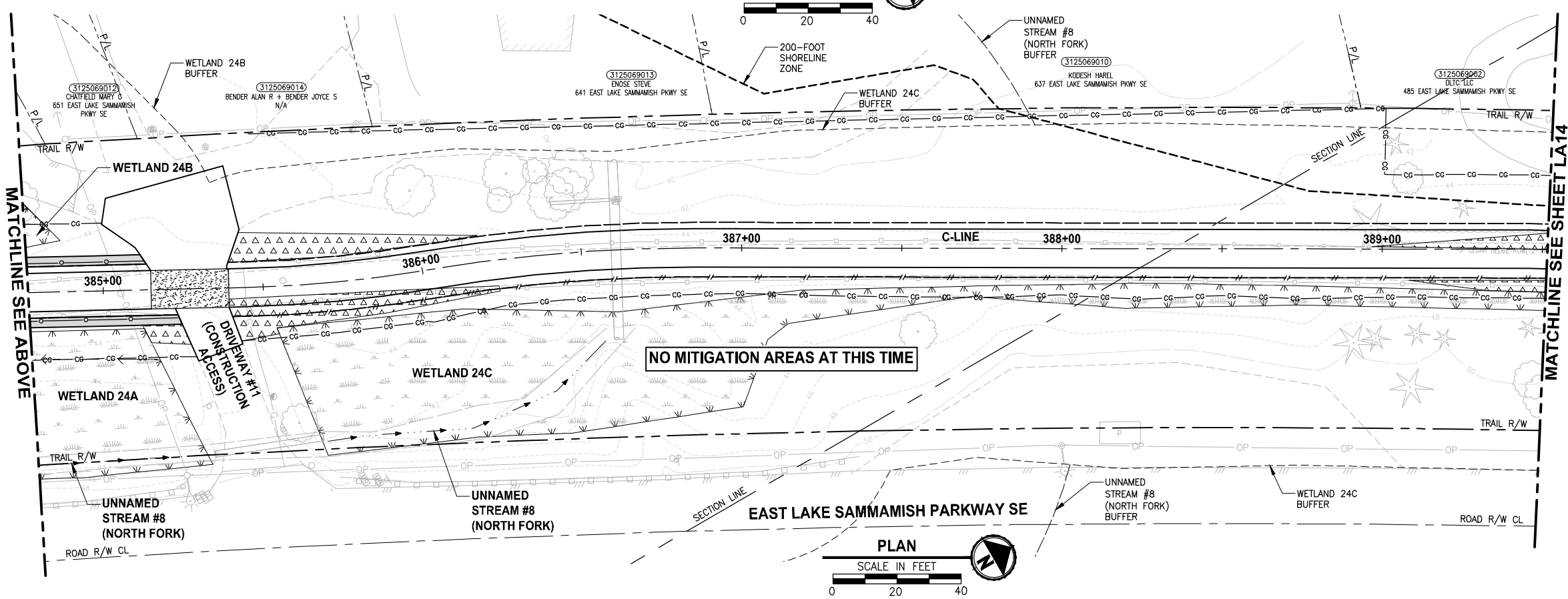
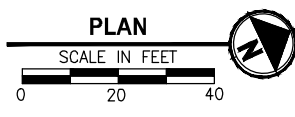
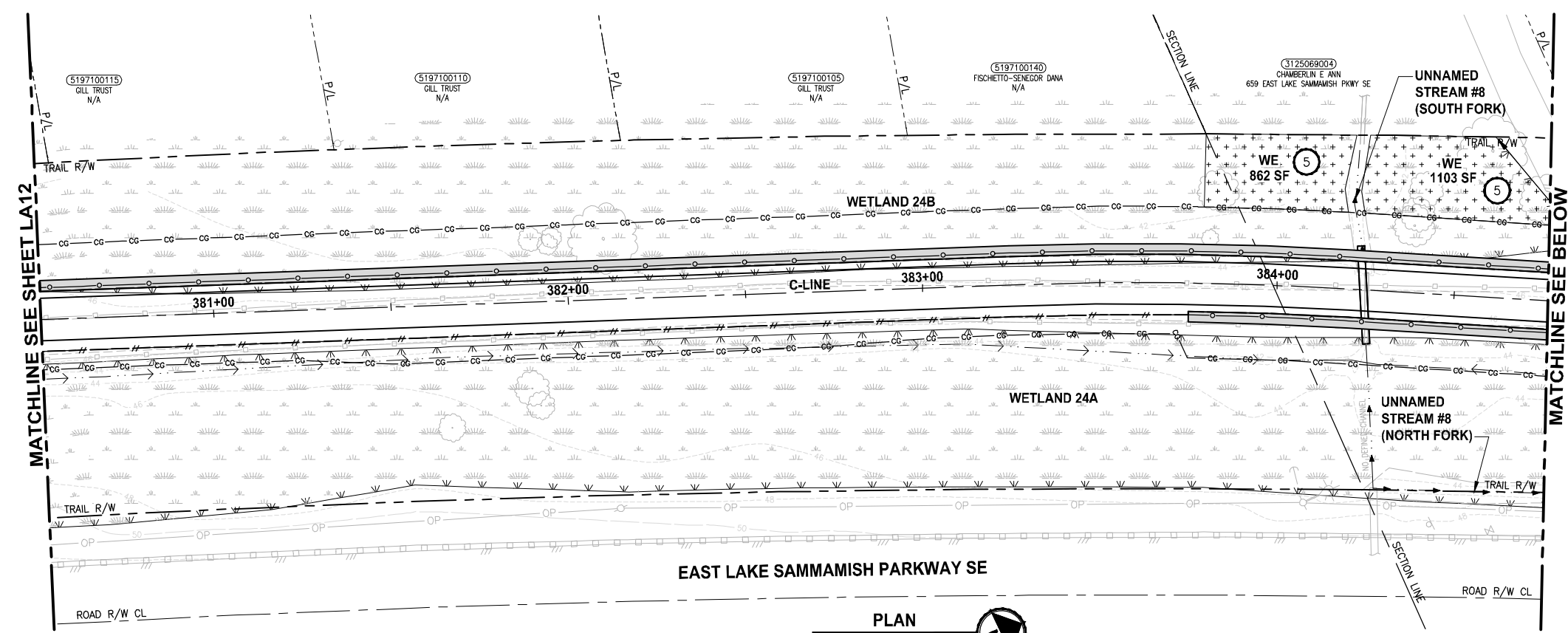


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PROJECT NAME:
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

LANDSCAPE PLAN
 SHEET NO.
 146 OF 158
LA12

LAYOUT: LA13
 PATH: J:\PSO\Projects\Clients\1521-075-ELST\985\CA\ADD\Phase 19_T03_Civil\DWG\ PLOTTED BY: purgaban DATE: Friday, July 07, 2017 5:50:14 PM



- CONSTRUCTION NOTES:**
- 1 REMOVE LAWN IN THIS AREA.
 - 2 REMOVE CONCRETE PAD.
 - 3 REMOVE GRAVEL PAVING.
 - 4 REMOVE STRUCTURE IN THIS AREA.
 - 5 PROTECT EXISTING NATIVE TREES AND SHRUBS; REMOVE BLACKBERRY AND OTHER UNWANTED INVASIVE PLANTS; AMEND SOIL WITH COMPOST; PLANT WITH NATIVE WETLAND PLANTS AND PLACE WOOD CHIP MULCH OVER ENTIRE AREA.
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 2. SEEDING FOR REMOVED DRIVEWAYS IS NOT PART OF THE MITIGATION PLAN.

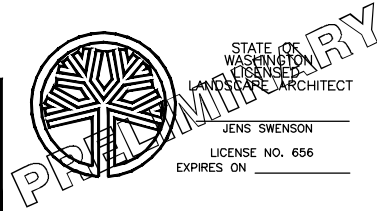
- LEGEND:**
- WBE WETLAND BUFFER ENHANCEMENT (6)
 - WBA WETLAND BUFFER ADDITION AREA (6)
 - SSE SHORELINE SETBACK ENHANCEMENT AREA (6)
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 - WE WETLAND ENHANCEMENT AREA (5)
 - SBE STREAM BUFFER ENHANCEMENT AREA (6)
 - SEEDING FOR REMOVED DRIVEWAYS. NOTE 2.
 - LOW GROWING SHRUB PLANTING AREA

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
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REVISIONS	DATE	BY	DESIGNED
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			P. JOHANNESSEN
			Y. HO

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 DATE: JULY 2017



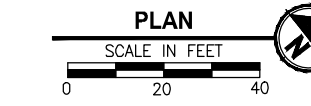
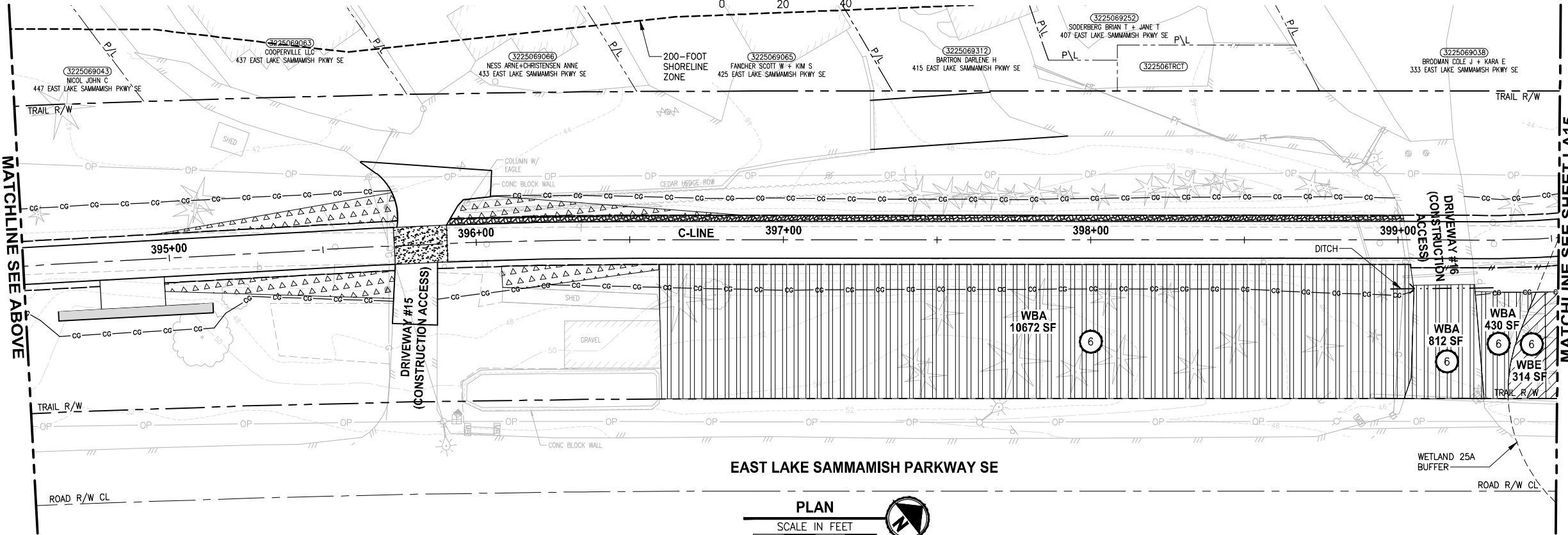
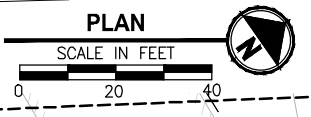
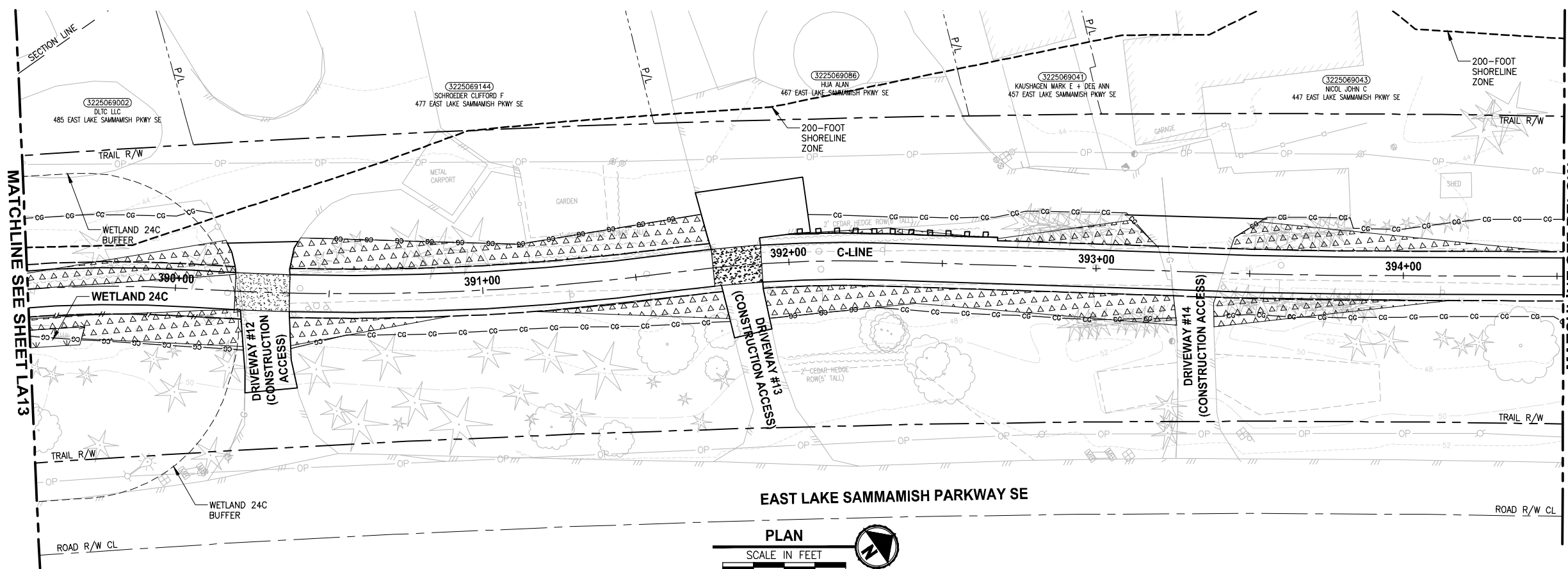
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PROJECT NAME:
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

LANDSCAPE PLAN
 LA13

SHEET NO.
 147 OF 158

PATH: J:\PSO\Projects\Clients\1521-KingCo\1521-075-ELST\995\995\995\CADD\Phase 19_T03_Civil\DWG\ LAYOUT: LA14 PLOTTED BY: purgaban DATE: Monday, July 10, 2017 2:38:43 PM



- CONSTRUCTION NOTES:**
- 1 REMOVE LAWN IN THIS AREA.
 - 2 REMOVE CONCRETE PAD.
 - 3 REMOVE GRAVEL PAVING.
 - 4 REMOVE STRUCTURE IN THIS AREA.
 - 5 PROTECT EXISTING NATIVE TREES AND SHRUBS; REMOVE BLACKBERRY AND OTHER UNWANTED INVASIVE PLANTS; AMEND SOIL WITH COMPOST; PLANT WITH NATIVE WETLAND PLANTS AND PLACE WOOD CHIP MULCH OVER ENTIRE AREA.
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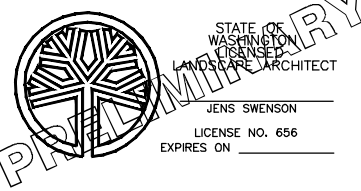
- LEGEND:**
- WBE WETLAND BUFFER ENHANCEMENT (6)
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 - SBE STREAM BUFFER ENHANCEMENT AREA (6)
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CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
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REVISIONS	DATE	BY	DESIGNED
			J. SWENSON
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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 JOB No: 54-1521-075 P19 T03
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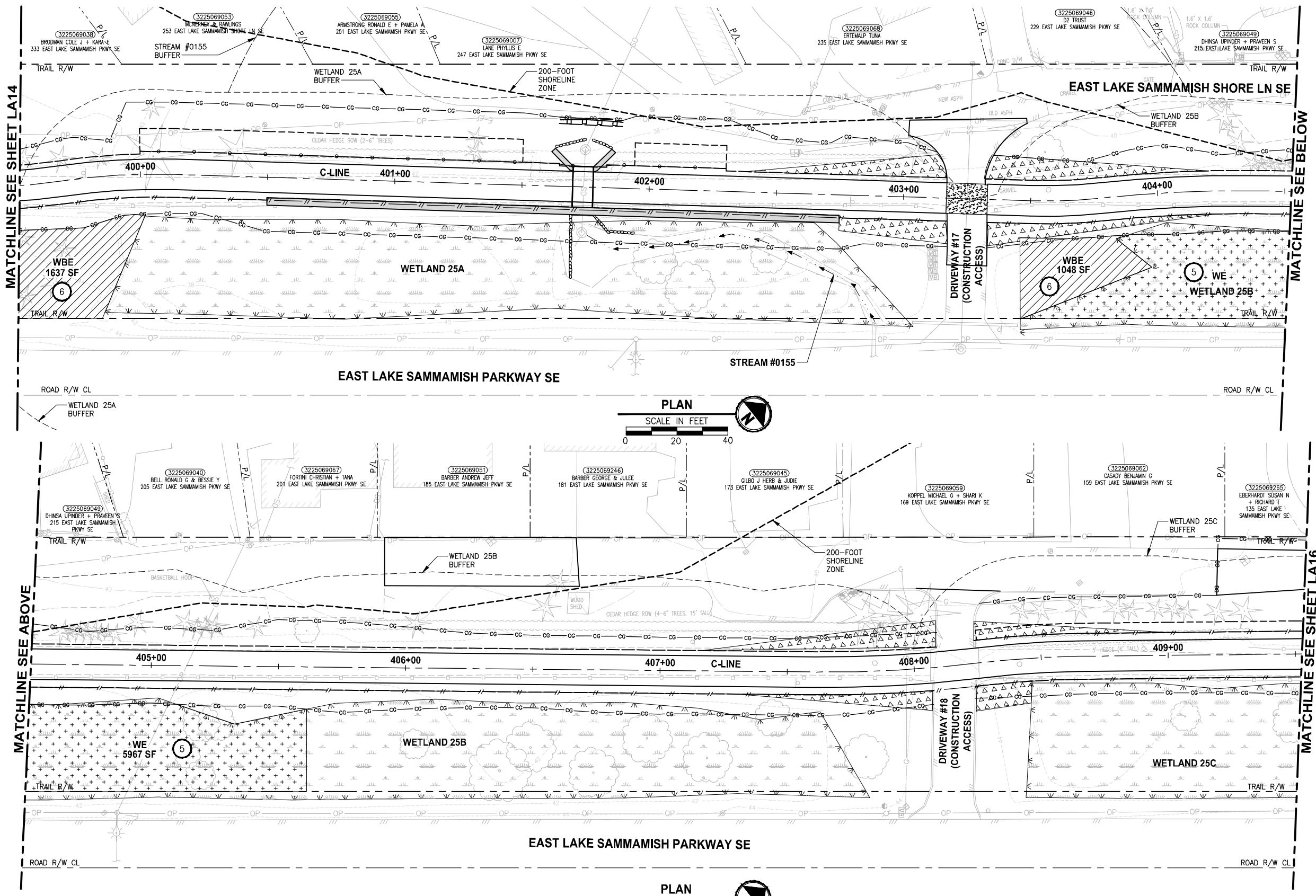
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PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

LANDSCAPE PLAN

SHEET NO.
 148 OF 158
LA14

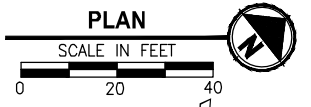
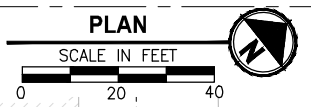
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- CONSTRUCTION NOTES:**
- 1 REMOVE LAWN IN THIS AREA.
 - 2 REMOVE CONCRETE PAD.
 - 3 REMOVE GRAVEL PAVING.
 - 4 REMOVE STRUCTURE IN THIS AREA.
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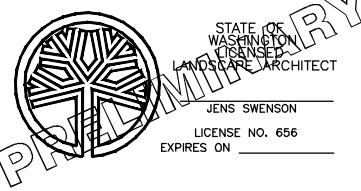


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City Engineer _____	Date _____
Community Development _____	Date _____

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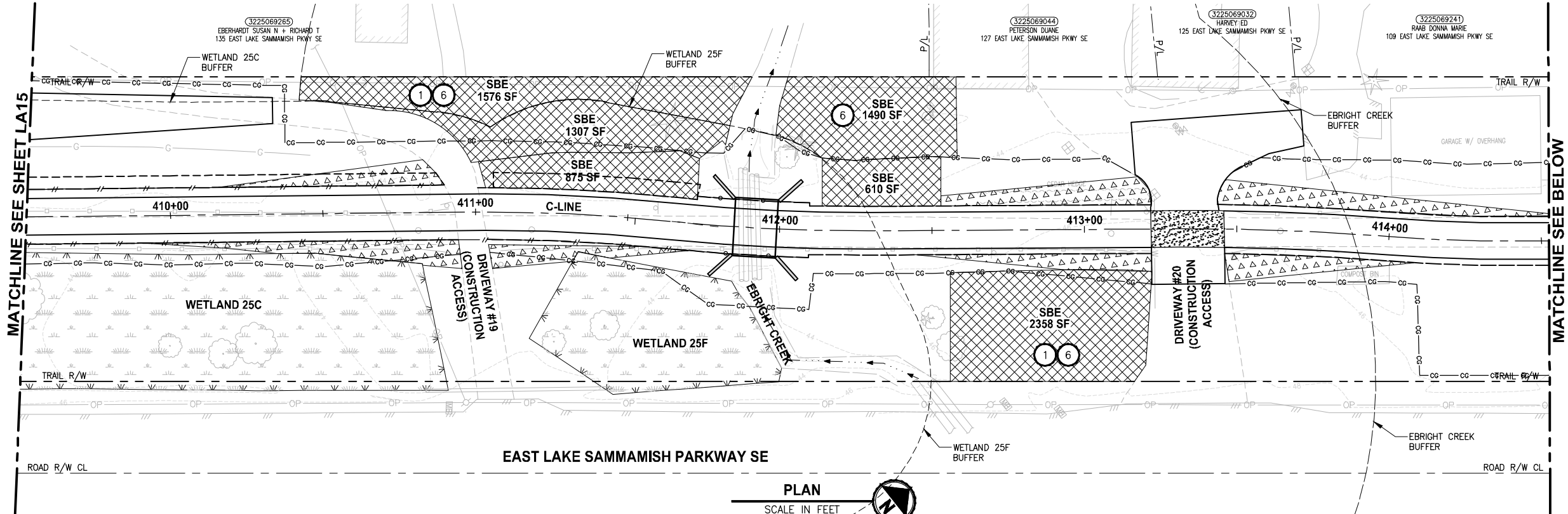
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PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

LANDSCAPE PLAN

SHEET NO.
149 OF 158
LA15

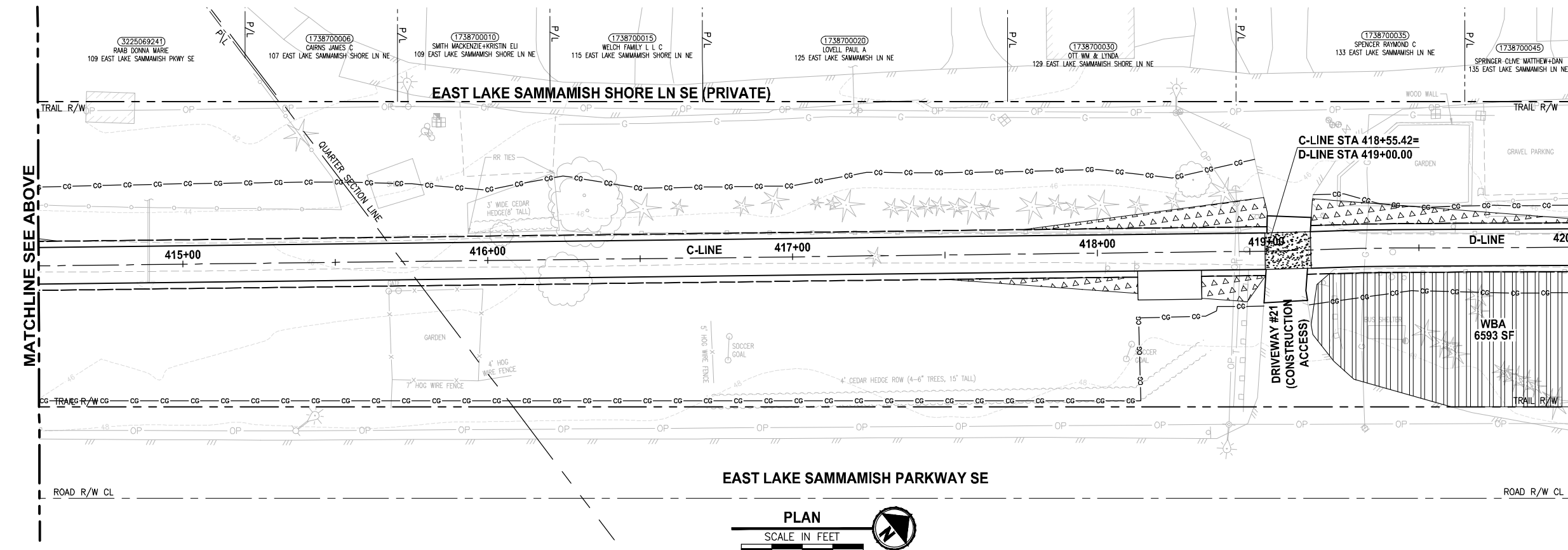
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- CONSTRUCTION NOTES:**
- 1 REMOVE LAWN IN THIS AREA.
 - 2 REMOVE CONCRETE PAD.
 - 3 REMOVE GRAVEL PAVING.
 - 4 REMOVE STRUCTURE IN THIS AREA.
 - 5 PROTECT EXISTING NATIVE TREES AND SHRUBS; REMOVE BLACKBERRY AND OTHER UNWANTED INVASIVE PLANTS; AMEND SOIL WITH COMPOST; PLANT WITH NATIVE WETLAND PLANTS AND PLACE WOOD CHIP MULCH OVER ENTIRE AREA.
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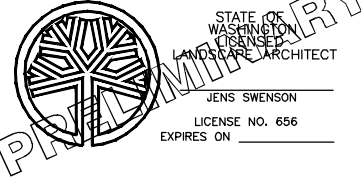
CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

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REVISIONS	DATE	BY	DESIGNED
			J. SWENSON
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

**ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY**

FILE NAME: BL1521075P19T03LA-03
JOB No.: 54-1521-075 P19 T03
DATE: JULY 2017



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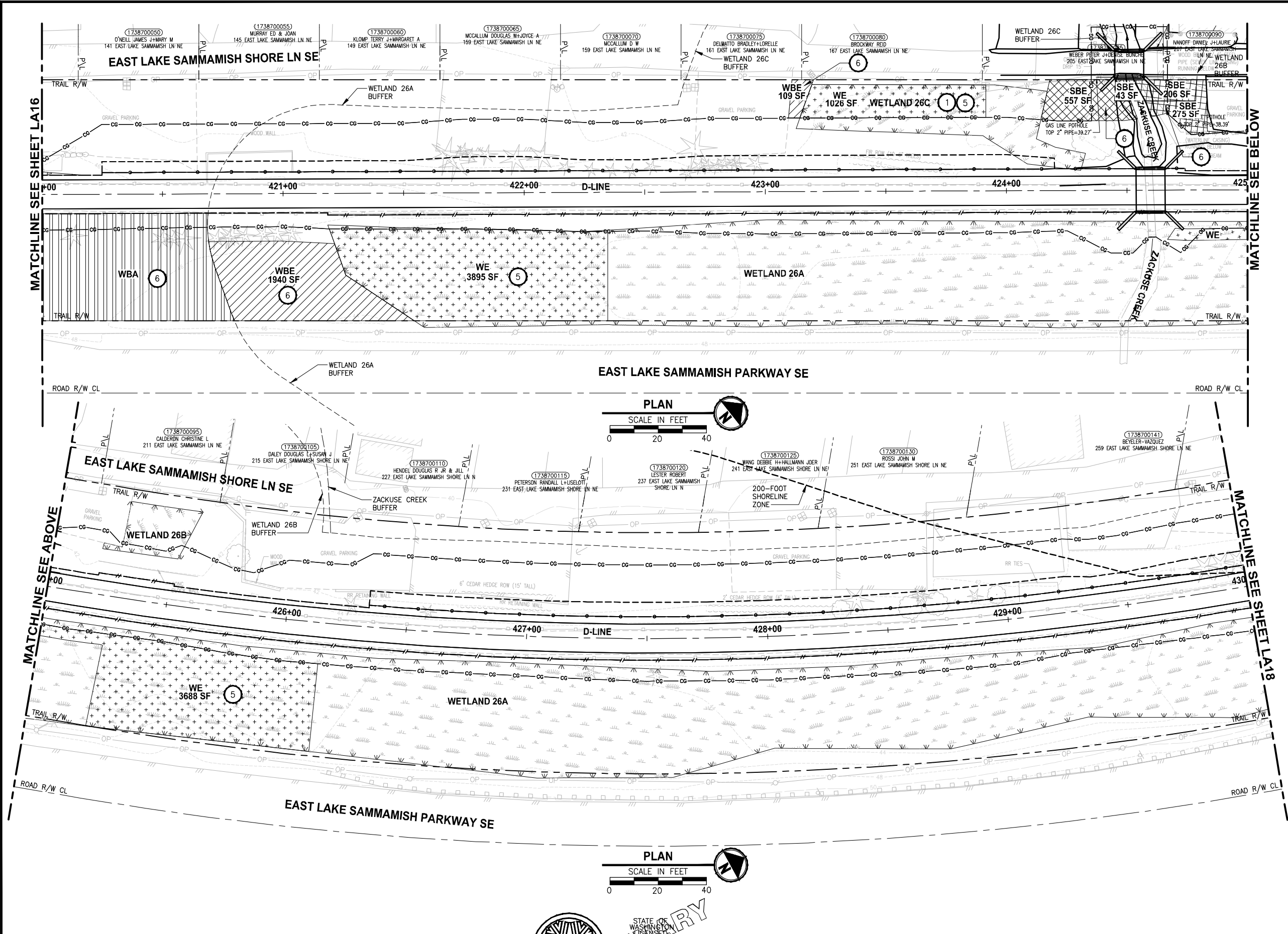
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PROJECT NAME:
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

LANDSCAPE PLAN

SHEET NO.
150 OF 158
LA16

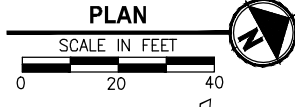
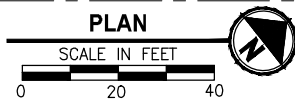
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- CONSTRUCTION NOTES:**
- 1 REMOVE LAWN IN THIS AREA.
 - 2 REMOVE CONCRETE PAD.
 - 3 REMOVE GRAVEL PAVING.
 - 4 REMOVE STRUCTURE IN THIS AREA.
 - 5 PROTECT EXISTING NATIVE TREES AND SHRUBS; REMOVE BLACKBERRY AND OTHER UNWANTED INVASIVE PLANTS; AMEND SOIL WITH COMPOST; PLANT WITH NATIVE WETLAND PLANTS AND PLACE WOOD CHIP MULCH OVER ENTIRE AREA.
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 - 7 GRADE AREA TO CREATE WETLAND CONDITIONS AND AMEND SOIL WITH COMPOST, PLANT WITH NATIVE WETLAND PLANTS.

- GENERAL NOTES:**
1. SEE SHEET LA23 FOR DETAILS AND PLANT LISTS.
 2. SEEDING FOR REMOVED DRIVEWAYS IS NOT PART OF THE MITIGATION PLAN.

- LEGEND:**
- WBE WETLAND BUFFER ENHANCEMENT (6)
 - WBA WETLAND BUFFER ADDITION AREA (6)
 - SSE SHORELINE SETBACK ENHANCEMENT AREA (6)
 - WC/WR WETLAND CREATION OR RESTORATION AREA (7)
 - WE WETLAND ENHANCEMENT AREA (5)
 - SBE STREAM BUFFER ENHANCEMENT AREA (6)
 - SEEDING FOR REMOVED DRIVEWAYS. NOTE 2.
 - LOW GROWING SHRUB PLANTING AREA

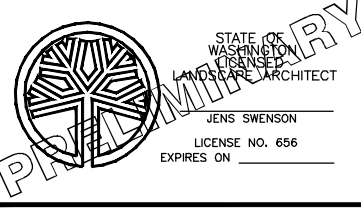


CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			J. SWENSON
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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 FILE NAME: BL1521075P19T03LA-04
 JOB No.: 554-1521-075 P19 T03
 DATE: JULY 2017



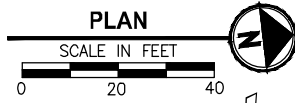
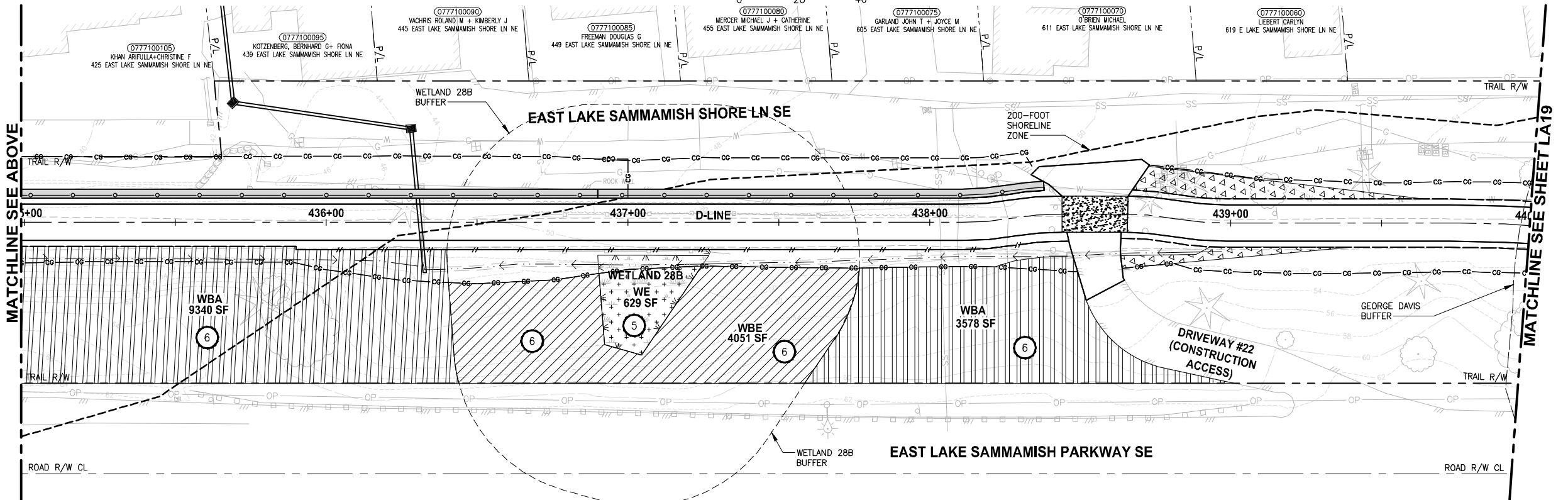
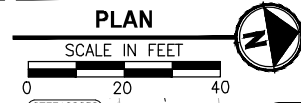
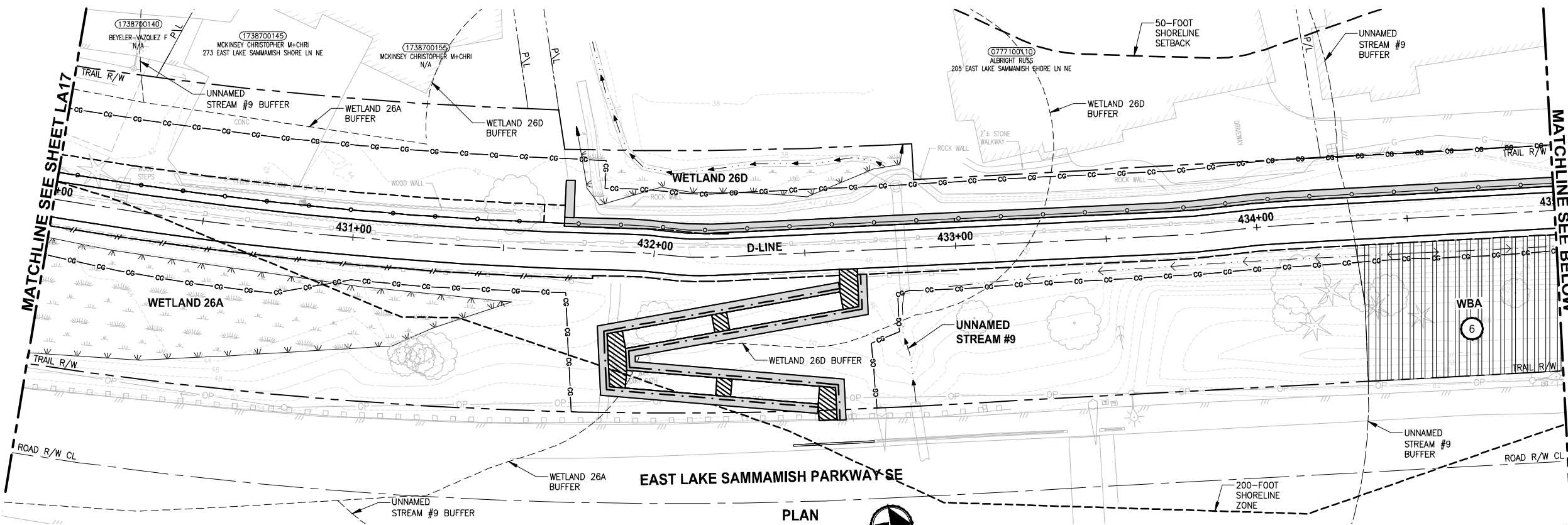
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PROJECT NAME
**EAST LAKE SAMMAMISH
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

LANDSCAPE PLAN

SHEET NO.
 151 OF 158
LA17

LAYOUT: LA18
 PATH: J:\PSO\Projects\Clients\1521-075-ELST\1521-075-ELST\995\Sub\1521-075-ELST\995\CADD\Phase 19_T03_Civil\DWG\ PLOTTED BY: purgaban DATE: Friday, July 07, 2017 5:53:52 PM



CONSTRUCTION NOTES:

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- 2 REMOVE CONCRETE PAD.
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LEGEND:

	WETLAND BUFFER ENHANCEMENT	(6)
	WETLAND BUFFER ADDITION AREA	(6)
	SHORELINE SETBACK ENHANCEMENT AREA	(6)
	WETLAND CREATION OR RESTORATION AREA	(7)
	WETLAND ENHANCEMENT AREA	(5)
	STREAM BUFFER ENHANCEMENT AREA	(6)
	SEEDING FOR REMOVED DRIVEWAYS. NOTE 2.	
	LOW GROWING SHRUB PLANTING AREA	

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

**REVISED 60% REVIEW SUBMITTAL
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NO.	REVISIONS	DATE	BY	DESIGNED

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FILE NAME: BL1521075P19T03LA-04
 JOB No. 54-1521-075 P19 T03
 DATE: JULY 2017

STATE OF WASHINGTON LICENSED LANDSCAPE ARCHITECT
 JENS SWENSON
 LICENSE No. 656
 EXPIRES ON

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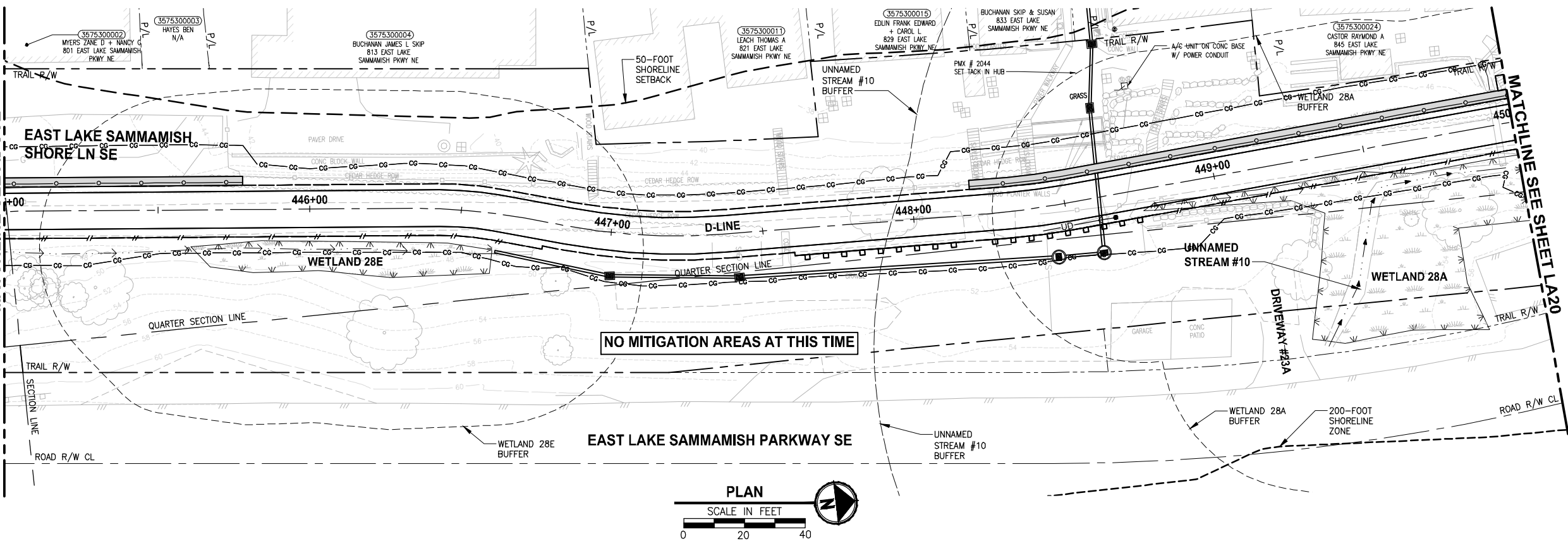
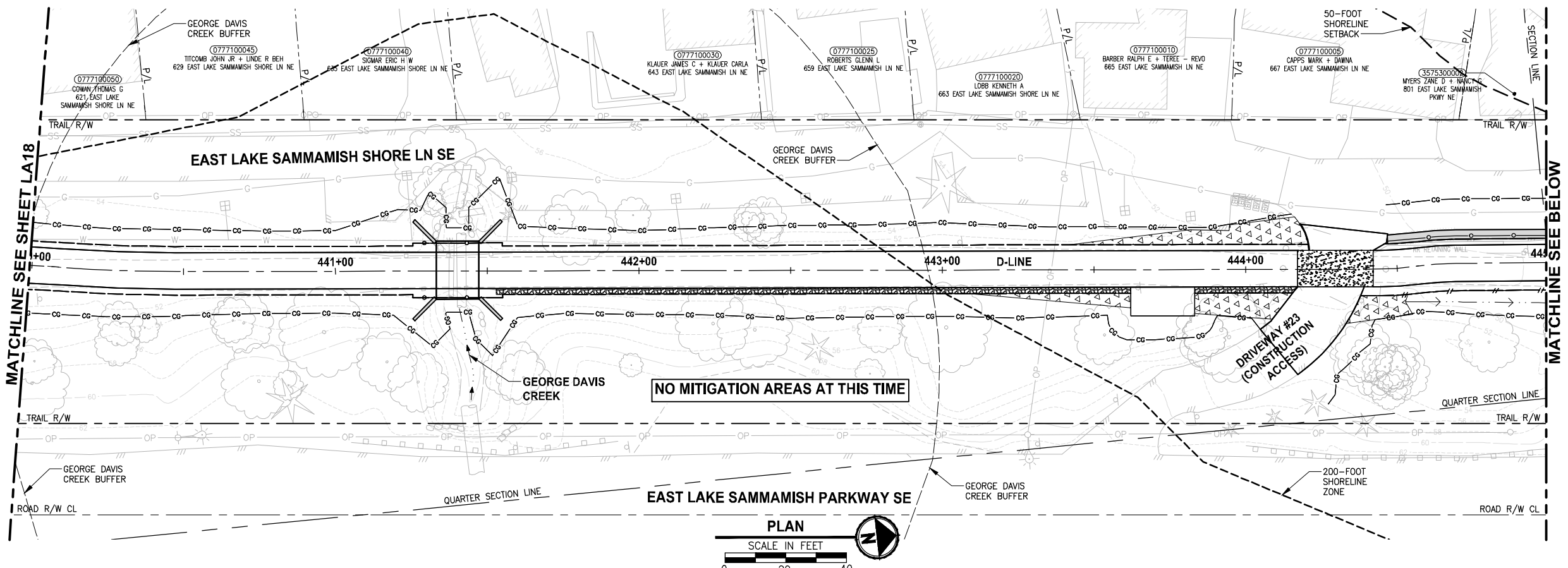
PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

LANDSCAPE PLAN

SHEET NO.
 152 OF 158

LA18

LAYOUT: LA19
 PATH: J:\PSO\Projects\Clients\KingCo\554-1521-075-ELST\995sect\CADD\Phase 19\T03_Civil\DWG\ PLOTTED BY: pargobut DATE: Friday, July 07, 2017 5:54:22 PM



- CONSTRUCTION NOTES:**
- 1 REMOVE LAWN IN THIS AREA.
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LEGEND:

	WETLAND BUFFER ENHANCEMENT	6
	WETLAND BUFFER ADDITION AREA	6
	SHORELINE SETBACK ENHANCEMENT AREA	6
	WETLAND CREATION OR RESTORATION AREA	7
	WETLAND ENHANCEMENT AREA	5
	STREAM BUFFER ENHANCEMENT AREA	6
	SEEDING FOR REMOVED DRIVEWAYS. NOTE 2.	
	LOW GROWING SHRUB PLANTING AREA	

CITY OF SAMMAMISH APPROVAL

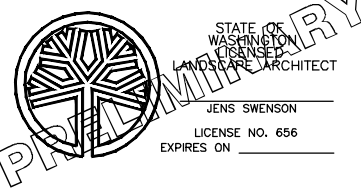
City Engineer _____	Date _____
Community Development _____	Date _____

REVISED 60% REVIEW SUBMITTAL
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REVISIONS	DATE	BY	DESIGNED
			J. SWENSON
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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FILE NAME: BL1521075P19T03LA-04
 JOB No. 554-1521-075 P19 T03
 DATE: JULY 2017



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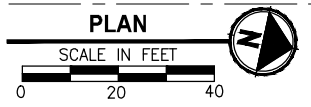
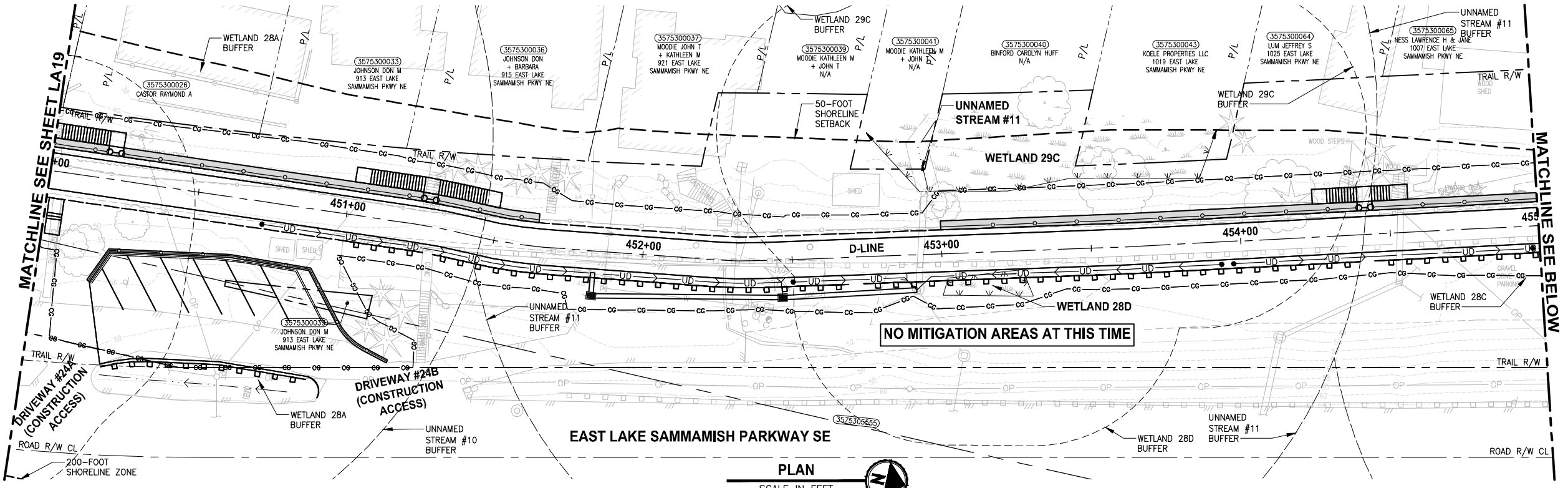
PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
 SAMMAMISH, WA

LANDSCAPE PLAN

LA19

SHEET NO.
 153 OF 158

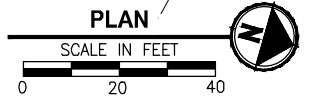
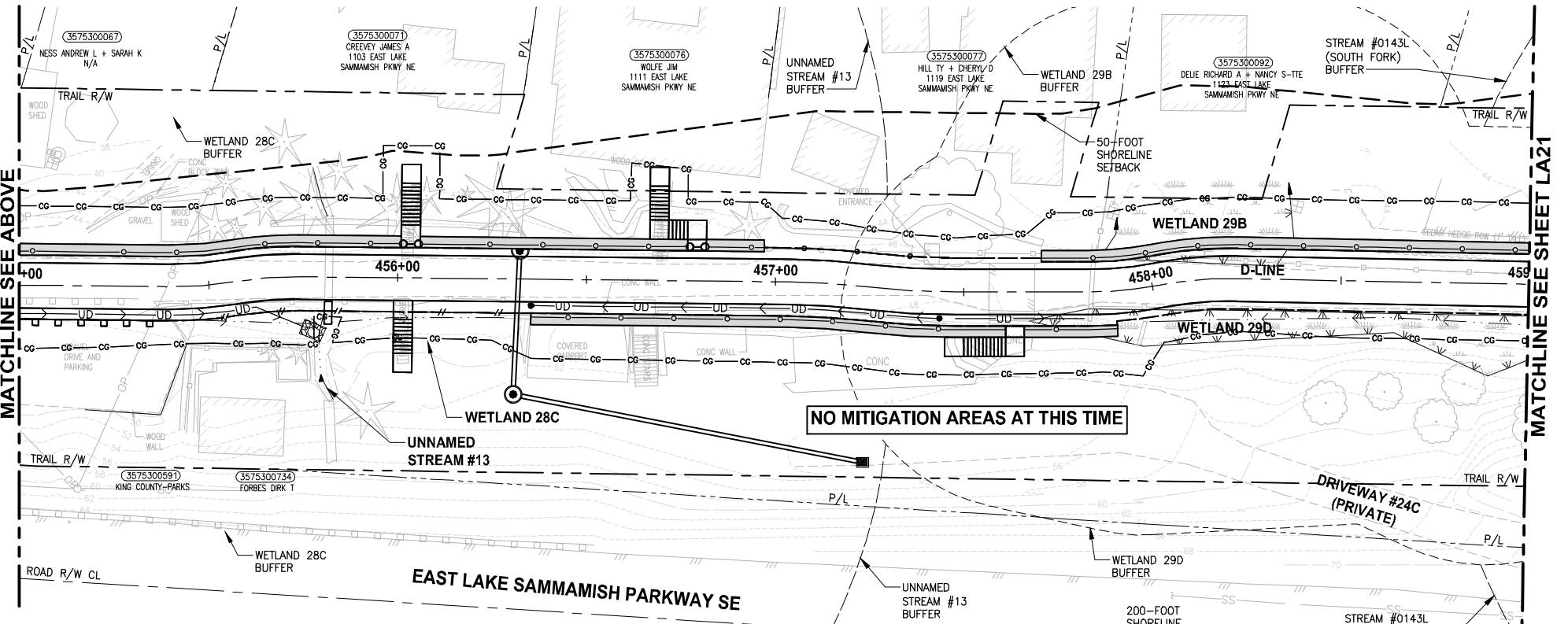
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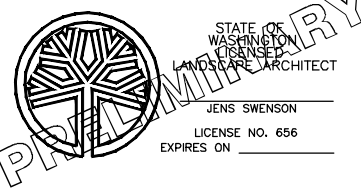


CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60% REVIEW SUBMITTAL
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REVISIONS	DATE	BY	DESIGNED
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			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

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 JOB No.: 554-1521-075 P19 T03
 DATE: JULY 2017



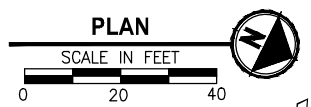
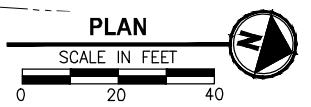
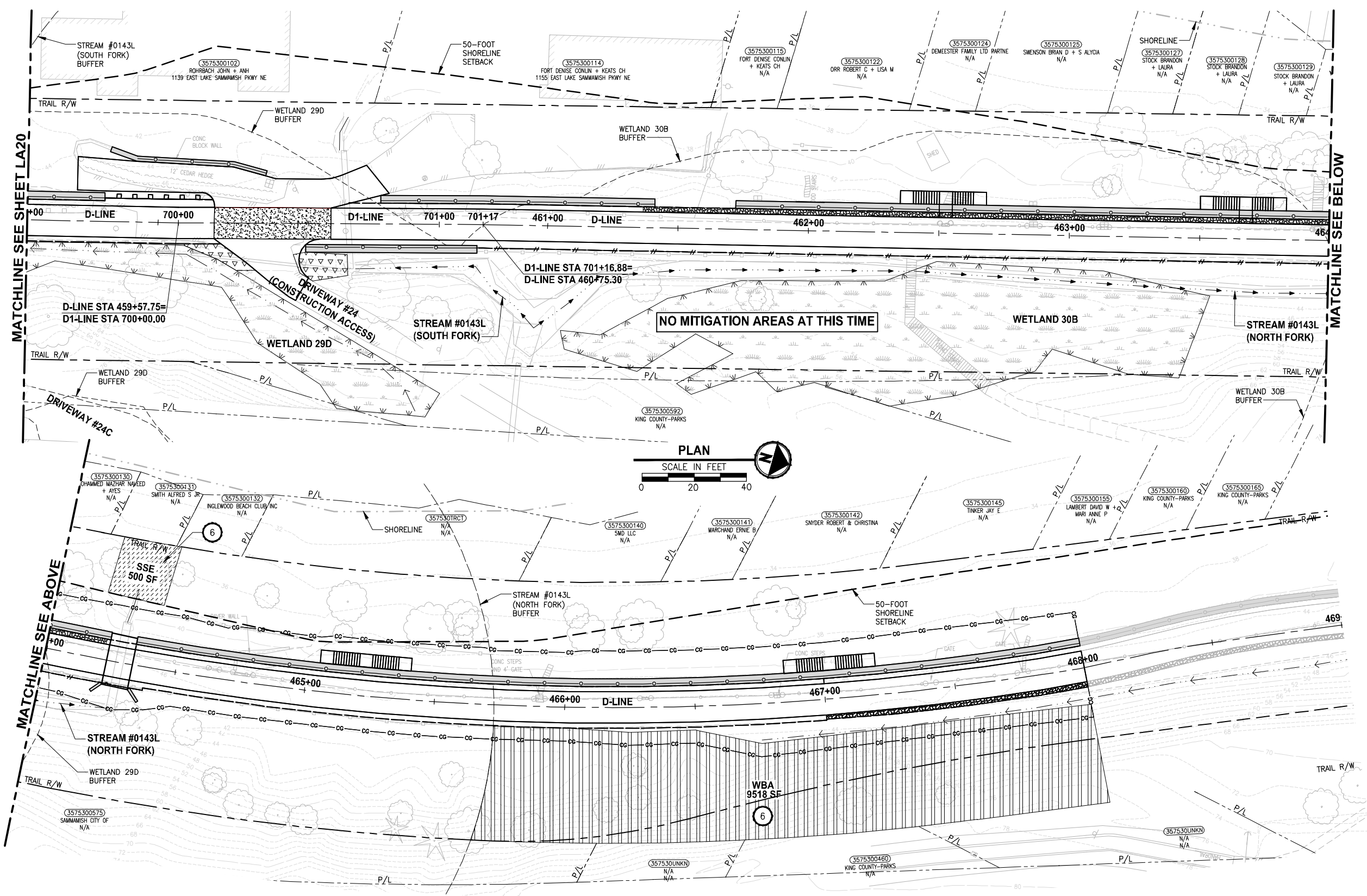
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PROJECT NAME:
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

LANDSCAPE PLAN
 LA20

SHEET NO.
 154 OF 158
LA20

PATH: J:\PSO\Projects\Clients\1521-075-ELST-075-ELST\985\CA\ADD\Phase 19\T03_Civil\DWG\ LAYOUT: LA21 PLOTTED BY: purgaban DATE: Monday, July 10, 2017 2:48:36 PM



- CONSTRUCTION NOTES:**
- 1 REMOVE LAWN IN THIS AREA.
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CITY OF SAMMAMISH APPROVAL

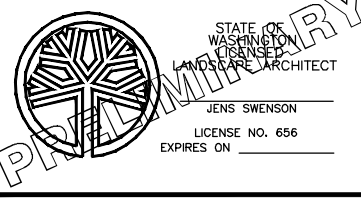
City Engineer _____	Date _____
Community Development _____	Date _____

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REVISIONS	DATE	BY	DESIGNED
			J. SWENSON
			B. PURGANAN
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FILE NAME: BL1521075P19T03LA-04
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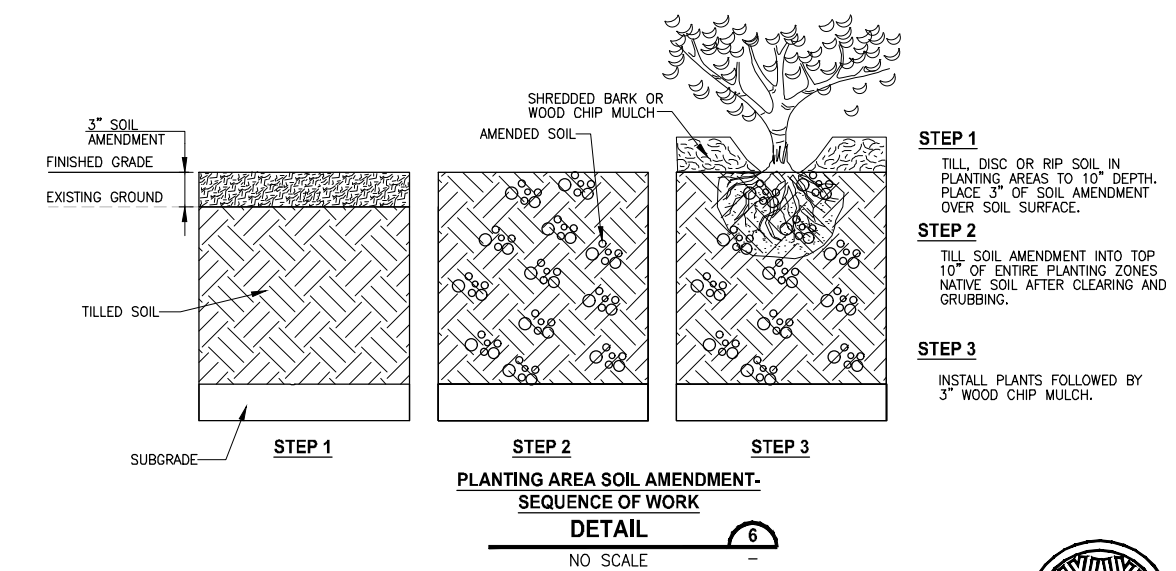
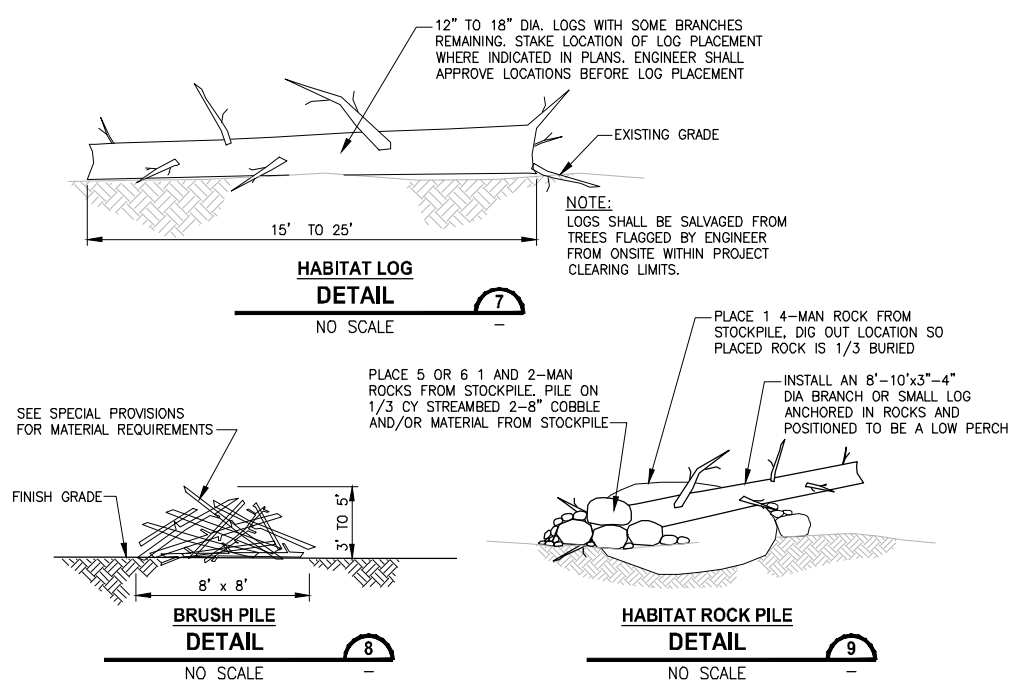
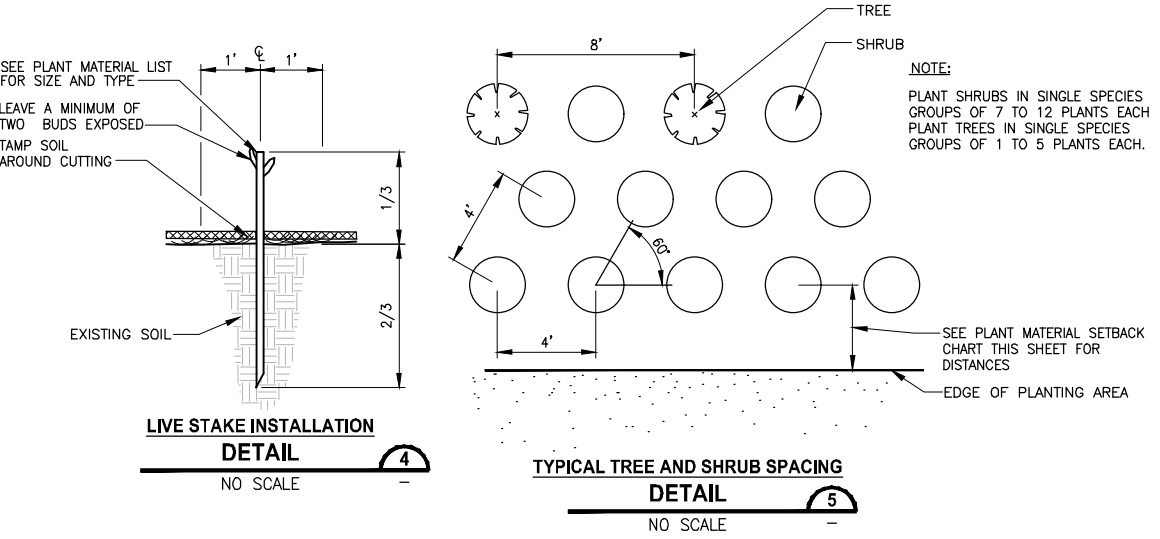
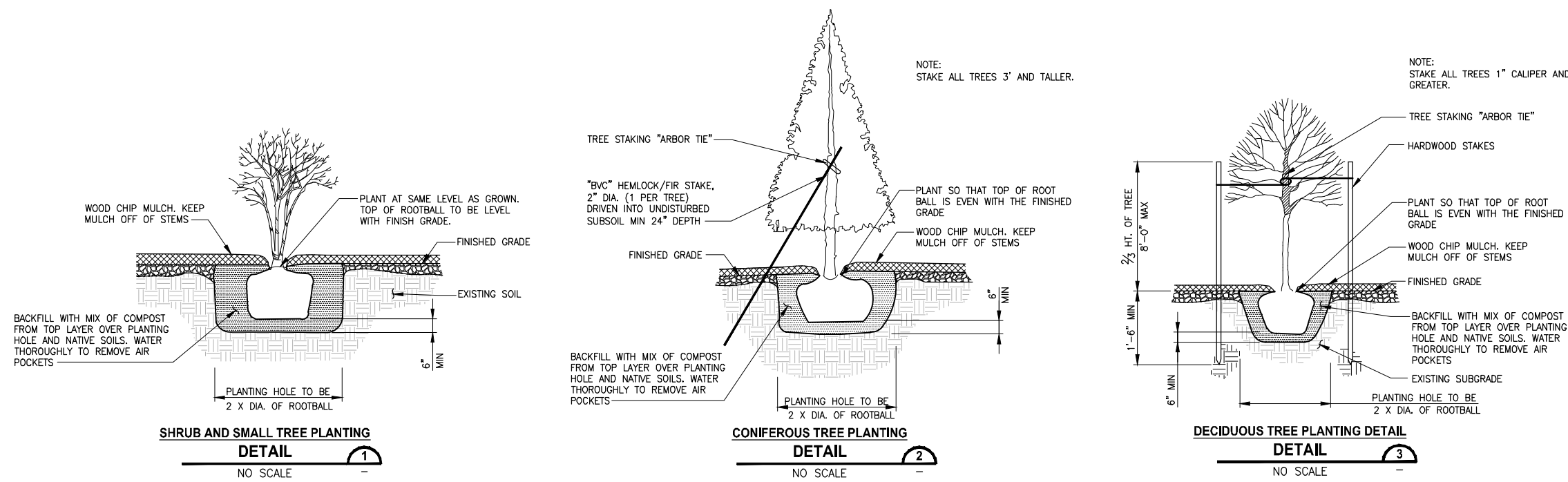
PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

LANDSCAPE PLAN

SHEET NO.
155 OF 158

LA21

PATH: U:\PSO\Projects\Clients\1521-1521-075-ELST\995sect\CaDD\Phase 19\T03_Cha\Draw\ LAYOUT: LA22 PLOTTED BY: purgabut DATE: Monday, July 10, 2017 1:04:36 PM



PLANT MATERIAL SETBACK CHART

	GUARDRAIL BARRIER	EDGE OF ROADWAY	PATHS, TRAILS	WALL	FENCE	SIGNS	EXISTING TREE, TRUNK	EXISTING VEGETATION MASS
EVERGREEN TREE	15'	15'	10'	8'	8'	15'	10'	-
ORNAMENTAL/NATIVE DECIDUOUS TREE	6'	6'	10'	8'	8'	15'	10'	-
MEDIUM AND LARGE SHRUBS - GREATER THAN 3' TALL	5'	5'	8'	3'	3'	6'	5'	5'
SMALL SHRUB - LESS THAN 3' TALL	3'	5'	5'	2'	3'	2'	5'	5'

TYPICAL MINIMUM DISTANCE SETBACKS ARE TO THE CENTER STEM OR TRUNK OF PLANT MATERIAL UNLESS OTHERWISE DIRECTED BY THE ENGINEER DURING LAYOUT AND STAKING OF PLANT LOCATIONS.

PLANT MATERIAL LIST

COMMON NAME	BOTANICAL NAME	NOTES
TREES		
AMELANCHIER ALNIFOLIA	WESTERN SERVICEBERRY	SPACE TREES 8 TO 10- FEET ON CENTER
ACER MACROPHYLLUM	BIG LEAF MAPLE	
PICEA SITCHENSIS	SITKA SPRUCE	
PRUNUS EMARGINATA	BITTER CHERRY	
PSUEDOTSQA MENZIESII	DOUGLAS FIR	
THUJA PLICATA	WESTERN RED CEDAR	
TSUGA HETEROPHYLLA	WESTERN HEMLOCK	
SHRUBS		
ACER CIRCINATUM	VINE MAPLE	SPACE SHRUBS 4 TO 6- FEET ON CENTER
CORYLUS CORNUTA	WESTERN HAZEL	
HOLIDISCUS DISCOLOR	OCEAN SPRAY	
OEMLARIA CERASIFORMIS	INDIAN PLUMB	
PHYSOCARPUS CAPITATUS	PACIFIC NINEBARK	
ROSA NUTKANA	NOOTKA ROSE	
SYMPHORICARPOS ALBUS	SNOWBERRY	
WETLAND ENHANCEMENT PLANTING AREAS (AREA WE)		
TREES		
FRAXINUS LATIFOLIA	OREGON ASH	SPACE TREES 8 TO 10- FEET ON CENTER
PICEA SITCHENSIS	SITKA SPRUCE	
SALIX L. SSP. LASIANDRA	PACIFIC WILLOW	
SALIX SCOULERIANA	SCOULEERS WILLOW	
THUJA PLICATA	WESTERN RED CEDAR	
SHRUBS		
CORNUS ALBA	RED-TWIG DOGWOOD	SPACE SHRUBS 4 TO 6- FEET ON CENTER
LONICERA INVOLUCRATA	BLACK TWINBERRY	
MALUS FUSCA	PACIFIC CRAB APPLE	
PHYSOCARPUS CAPITATUS	PACIFIC NINEBARK	
ROSA PISOCARPA	CLUSTERED ROSE	
SALIX SITCHENSIS	SITKA WILLOW	
STREAM BUFFER ENHANCEMENT PLANTING AREAS (AREA SBE)		
TREES		
PICEA SITCHENSIS	SITKA SPRUCE	SPACE TREES 8 TO 10- FEET ON CENTER
SALIX L. SSP. LASIANDRA	PACIFIC WILLOW	
SALIX SCOULERIANA	SCOULEERS WILLOW	
THUJA PLICATA	WESTERN RED CEDAR	
SHRUBS		
ACER CIRCINATUM	VINE MAPLE	
CORNUS ALBA	RED-TWIG DOGWOOD	SPACE SHRUBS 4 TO 6- FEET ON CENTER
LONICERA INVOLUCRATA	BLACK TWINBERRY	
PHYSOCARPUS CAPITATUS	PACIFIC NINEBARK	
SALIX SITCHENSIS	SITKA WILLOW	
SYMPHORICARPOS ALBUS	SNOWBERRY	
LOW GROW SHRUB PLANTING AREAS		
HEMEROCALLIS FULVA	DAYLILY	SPACE PLANTS 2.5- FEET ON CENTER
MAHONIA REPANS	CREeping MAHONIA	
FRAGARIA CHILDENSI	SAND STRAWBERRY	
LOW GROW SHRUB PLANTING AREAS (SHADY LOCATIONS ONLY)		
GAULTHERIA SHALLON	SALAL	SPACE PLANTS 2.5- FEET ON CENTER
POLYSTICHUM MUNITUM	SWORD FERN	

CITY OF SAMMAMISH APPROVAL

City Engineer _____ Date _____

Community Development _____ Date _____

REVISED 60% REVIEW SUBMITTAL
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REVISIONS	DATE	BY	DESIGNED
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			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P19T03LA-05

JOB No: 54-1521-075 P19 T03

DATE: JULY 2017

JENS SWENSON
LANDSCAPE ARCHITECT
LICENSE NO. 656
EXPIRES ON _____

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PROJECT NAME

EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
SAMMAMISH, WA

MITIGATION PLANTING DETAILS

SHEET NO. 156 OF 158

LA22

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995vec\CAADD\Phase 19\T03_Civil\Draw\ PLOTTED BY: purgubut DATE: Friday, July 07, 2017 5:55:38 PM LAYOUT: LA23

Mitigation Goals, Objectives, and Performance Standards

The overall goal of the mitigation effort is to replace the habitats and functions lost as a result of the project. The proposed mitigation will accomplish this by enhancing 0.65 acre of wetland, increasing the buffer of 8 wetlands by 1.53 acres, enhancing 0.75 acre of wetland buffer, enhancing 0.24 acre of stream buffer, replacing 8 fish barrier culverts on 6 Type F streams with pipes that are fish passable, and enhancing 0.09 acre of shoreline setback. In addition, mitigation for 0.22 acre of permanent wetland impacts will occur at an off-site approved mitigation bank, and thus, this mitigation will not be carried forward in the following sections. Specific goals and objectives formulated to achieve this result are presented below.

Mitigation Goals

The mitigation goals are:

- Enhance 0.65 acre of wetland.
- Increase and enhance the buffer of 8 wetlands by 1.53 acres.
- Enhance 0.75 acre of wetland buffer.
- Enhance 0.24 acre of stream buffer.
- Replace 8 fish barrier culverts on 6 Type F streams with fish passable culverts.
- Enhance 0.09 acre of shoreline setback.

Achievement of these goals is expected to provide the following improvements to wetland, stream, wetland buffer, stream buffer, and shoreline setback functions:

- Provide additional fish habitat by removing fish barriers, increasing open stream channel, and opening up available upstream habitat.
- Increase the production of organic matter by planting trees and shrubs in the created/restored wetland, enhanced wetland, increased wetland buffer, enhanced wetland buffer, enhanced stream buffer, and enhanced shoreline setback.
- Increase fish and wildlife habitat and improve biological diversity by planting with a variety of native wetland and buffer plant species and installing habitat features (habitat logs and brush piles).

Mitigation Objectives and Performance Standards

Wetlands

Objective 1: Enhance by planting native species a minimum of 0.65-acre forested and scrub-shrub wetland at the enhanced wetland areas.

Performance Standards:

- Year 1 Survival of planted woody species in enhanced wetland areas will be at least 80 percent.
- Year 2 Record percent cover of native woody species in enhanced wetland area to establish a baseline for areal cover.

- Year 3 Native woody species will achieve a minimum of 25 percent areal cover, including desirable native volunteers, in the enhanced wetland areas.
- Year 5 Native woody species will achieve a minimum of 50 percent areal cover, including desirable native volunteers, in the enhanced wetland areas.
- Year 7 Native woody species will achieve a minimum of 70 percent areal cover in the enhanced wetland areas.
- Year 10 Native woody species will achieve a minimum of 80 percent areal cover in the enhanced wetland area.

Streams

Instream Habitat

Objective 2: Replace existing fish barrier culvert at the (six) trail crossings on Pine Lake Creek, Stream 0155, Ebright Creek, Zackuse Creek, George Davis Creek, Stream 0143L, and (two) downstream road crossings on Pine Lake Creek and Zackuse Creek with fish passage culvert to open up available upstream habitat.

Performance Standards:

- Year 1, 2, 3, and 5 Constructed habitat elements including the new fish passable culverts, regraded channels, and streambed material will remain in place as constructed at all 8 culvert replacement sites.

Wetland and Stream Buffers Areas

Objective 3: Establish a minimum of 2.28-acre forested and scrub-shrub wetland buffer, and 0.24-acre forested stream buffer at the increased/enhanced wetland buffer and enhanced stream buffer areas.

Performance Standards:

- Year 1 Survival of planted woody species in increased/enhanced wetland buffer and enhanced stream buffer areas will be at least 80 percent.
- Year 2 Record percent cover of native woody species in increased/enhanced wetland buffer and enhanced stream buffer areas to establish a baseline for areal cover.
- Year 3 Native woody species will achieve a minimum of 25 percent areal cover in the increased/enhanced wetland buffer and enhanced stream buffer areas.
- Year 5 Native woody species will achieve a minimum of 50 percent areal cover in the increased/enhanced wetland buffer and enhanced stream buffer setback areas.
- Year 7 Native woody species will achieve a minimum of 70 percent areal cover in the increased/enhanced wetland buffer and enhanced stream buffer areas.
- Year 10 Native woody species will achieve a minimum of 80 percent areal cover in the increased/enhanced wetland buffer and enhanced stream buffer areas.

Shoreline Setback Areas

Objective 3: Establish a minimum of 0.09-acre forested habitat at the shoreline setback areas.

Performance Standards:

- Year 1 Survival of planted woody species in enhanced shoreline setback areas will be at least 80 percent.
- Year 2 Record percent cover of native woody species in enhanced shoreline setback areas to establish a baseline for areal cover.
- Year 3 Native woody species will achieve a minimum of 25 percent areal cover in enhanced shoreline setback areas.
- Year 5 Native woody species will achieve a minimum of 50 percent areal cover in enhanced shoreline setback areas.
- Year 7 Native woody species will achieve a minimum of 70 percent areal cover in enhanced shoreline setback areas.
- Year 10 Native woody species will achieve a minimum of 80 percent areal cover in enhanced shoreline setback areas.

Invasive Species

Objective 4: Limit invasive non-native species throughout the mitigation site planting areas.

Performance Standards:

- Year 1, 2, 3, 5, 7, and 10 Himalayan blackberry, cutleaf blackberry, Scotch broom, English ivy, reed canarygrass, and hedge false bindweed will not exceed 20 percent areal cover in all planting areas.
- Year 3 100 percent removal of Japanese knotweed by Year 3 in the Wetland 22CD buffer enhancement area.

Wildlife Habitat

Objective 5: Provide wildlife habitat.

Performance Standards:

- Year 1, 2, 3, 5, 7, and 10 Increase in areal cover of native woody species in all mitigation areas, as measured in Objectives 1, 2, and 3, to be used as a surrogate to indicate increasing habitat functions.
- Year 1, 3, 5, 7, and 10 Increase in species richness of native species over preexisting conditions in all mitigation areas, as measured in Objectives 1, 2, and 3, to be used as a surrogate to indicate increased habitat functions.
- Year 1, 2, 3, 5, 7, and 10 Installed habitat features are present and functional.

Anthropogenic Disturbance

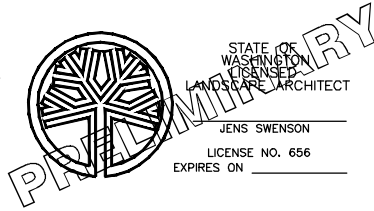
Objective 6: Protect the mitigation sites from anthropogenic disturbance.

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**REVISED 60 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			J. SWENSON
			B. PURGANAN
			P. JOHANNESSEN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P19T03LA-05
 JOB No.: 554-1521-075 P19 T03
 DATE: JULY 2017



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PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT B**
 SAMMAMISH, WA

MITIGATION NOTES

SHEET NO.
157 OF 158

LA23

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Performance Standards:

- Year 1 through 10 Conduct qualitative monitoring to assess the status of the sites yearly during the 10-year monitoring period to monitor for human disturbance, including but not limited to filling, trash, and vandalism.
- Year 1 through 10 Install and maintain fences and appropriate signs along the trail adjacent to each site to identify their protected status.

Record Drawings

Record drawings and/or a report documenting the as-built or installed conditions will be prepared after construction and plantings are complete. The report will include the following components: (1) drawings that clearly identify the boundaries of the mitigation areas; (2) locations of the sampling and monitoring sites (including photo-point locations); (3) locations of hydrology monitoring stations; (4) photographs of the mitigation sites; and (5) an analysis of any changes to the mitigation plan that occurred during construction. A copy of the as-built report will be sent to the City and USACE within 60 days of completion of construction and planting.

Monitoring

The mitigation areas will be monitored during and after construction. During construction, monitoring will ensure that the BMPs are observed to minimize impacts, and the on-site construction work (including grading and planting) will be coordinated to ensure that the sites are constructed as designed.

After construction is completed, long-term monitoring will be performed annually to ensure that the goals and objectives of the mitigation are being met. Monitoring of the mitigation areas will be performed over a 10-year period by a qualified professional (SMC 21A.50.145; 21A.50.300). A combination of quantitative and qualitative monitoring activities will be used to assess the management objectives and associated performance standards described in the mitigation plan. Activities will include site visits to monitor unnatural site disturbance, photographs to document site development, and data collection for the quantitative evaluation of performance standards. The results of the monitoring will be submitted to the permitting agencies.

Appropriate contingency measures will be developed, as needed, by a qualified professional to ensure that the sites develop healthy vegetation that meets the obligations described in this mitigation plan and the associated permits.

Quantitative Monitoring

The following bulleted items describe the methods to be used for the quantitative monitoring, monitoring schedule, and report deadlines.

- The planting sites will be assessed by an appropriate quantitative vegetative field assessment methodology. The line intercept method will be used for determining percent areal cover for woody and invasive species. Plant richness will be determined by a count of native tree and shrub species.
- Quantitative vegetation assessments will follow the same method in each consecutive monitoring year.

- Quantitative vegetation assessments will be performed between June 15 and September 15 of each monitoring year.
- Monitoring reports will be sent to agencies requiring monitoring reports by February 15 of the following year.
- Permanent photographic stations will be established to monitor the development of the sites. Photographs will be taken along transect lines and from vantage points that capture the general mitigation area. All photographs will be labeled to identify locations.

Qualitative Monitoring

Qualitative monitoring will be conducted as follows:

- A qualified professional will qualitatively assess the constructed habitat elements including the new fish passable culverts, regraded channels, and streambed material for the first 3 years.
- Qualitative assessment will be performed yearly to visually assess the health of plants and identify areas that may need control of non-native invasive species or other maintenance activities.
- During all qualitative monitoring years, photographic documentation of the sites will occur from permanent photograph stations.

Maintenance

The proposed mitigation is intended to achieve the performance standards with minimal ongoing maintenance. However, King County will manage and maintain the site for 10 years, or until all performance standards are met and the site is closed with the approval of permitting agencies.

As mentioned previously, King County Parks has a formal maintenance program for its trail mitigation projects. The County understands that regular maintenance is necessary to achieve its mitigation commitments in public trail corridors.

Planted vegetation species are adapted to varying site conditions in the Puget Sound lowland, although supplemental irrigation may be needed during the first two growing seasons after installation to ensure the long-term survival of the plants. The need for irrigation will be evaluated based on the conditions observed during the establishment period.

To ensure rapid establishment of the plant community, trees and shrubs will be planted closer together than would generally occur in natural mature stands. Some natural mortality is expected to occur during the monitoring period. All dead and downed woody material will be left in place to provide microhabitats for wildlife. Plants will be replaced as needed to meet performance standards.

Maintenance to control nuisance species in the mitigation areas will likely be necessary. During the monitoring period, if it becomes evident that invasive species are impeding establishment of desirable native plants, measures will be implemented to control nuisance species. A progressively aggressive approach will be used to control nuisance species. Control measures will first include hand cutting and/or grubbing and removal; if this fails, an environmentally sensitive herbicide (e.g., Rodeo or equivalent) may be applied.

Contingency Measures

Adaptive management is driven by the monitoring results and the performance standards. If the performance standards are not met, adaptive management activities will be implemented to achieve the desired condition. Management activities may include implementation of contingencies described in Table 5-5, or other appropriate measures. Site conditions will be evaluated to determine the cause of the problem and the most appropriate countermeasure.

Information from the annual monitoring program will be used to identify any maintenance and/or corrective actions. If problems are identified in monitoring, King County biologists will determine the cause of the problem and implement proper maintenance or corrective activities. These activities will be discussed in the annual monitoring report.

Performance Security/Financial Assurance

This mitigation project will be sponsored by King County. The County will implement a suitable mechanism to ensure that the project is implemented successfully and monitored for a minimum of 10 years, or until the project mitigation is deemed a success by achieving its performance standards.

Site Protection

The County owns the property underlying the mitigation sites. They will protect the mitigation sites in perpetuity through a legal mechanism that permits maintenance and monitoring of the mitigation area. This mechanism shall be retained by the County and may be submitted to the USACE after permit issuance, if required. In addition, permanent fencing and/or signs indicating that the area is a natural or sensitive or critical area to be protected from disturbance will be posted along the boundaries of each mitigation area.

Table 5-5. Contingency Measures for the Mitigation Sites

Problem	Contingency Measure
Less than 80% of planted woody species survive in Year 1	King County biologists (or other qualified biologist) will assess the sites to determine what conditions are preventing the plants from thriving. Appropriate measures will be taken to correct any conditions that are limiting growth. Plants will be replaced with appropriate native species to achieve the Year 1 standard. Additional measures (such as providing additional protection) will be considered if necessary.
Percent cover for woody species not met during Years 3, 5, or 7	King County biologists (or other qualified biologist) will assess the sites to determine what conditions are preventing the plants from thriving. Appropriate measures, such as increased weed control or extra plantings, will be taken to correct any conditions that are limiting growth.
Invasive species exceed percent cover threshold	Implement/revise invasive species control plan.
Performance standards not met at Year 10	Continue the monitoring regime for 1 additional year. The sites will continue to be evaluated every year until each site has met the stated performance standards associated with management objectives. Other contingency measures may be implemented during this period.

Long-term Management Plan

The mitigation sites are located on King County property. After attainment of performance standards and acceptance of the mitigation project by the USACE, the County will implement a long-term management plan for the sites as part of trail operations, if required.

Site management activities will include noxious weed control, damage repair from vandalism, trash removal, and signage maintenance.

Monitoring reports or technical memoranda will document annual management activities and identify key issues and actions needed for the following year. Reports are anticipated to be submitted every year to the USACE, by the end of the calendar year, for the first 10 years following attainment of performance standards.

The County will issue a letter of assurance to cover long-term management costs of the mitigation site to the USACE ensuring the County's compliance with the long-term management plan.

CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

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REVISIONS	DATE	BY	DESIGNED
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			DRAWN B. PURGANAN
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			APPROVED Y. HO

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SAMMAMISH, WA

MITIGATION NOTES

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