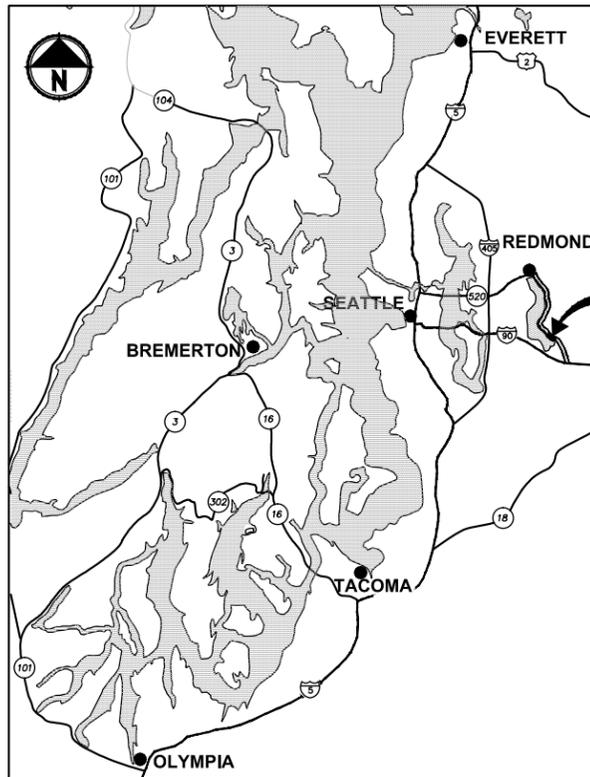


East Lake Sammamish Master Plan Trail, South Sammamish Segment A

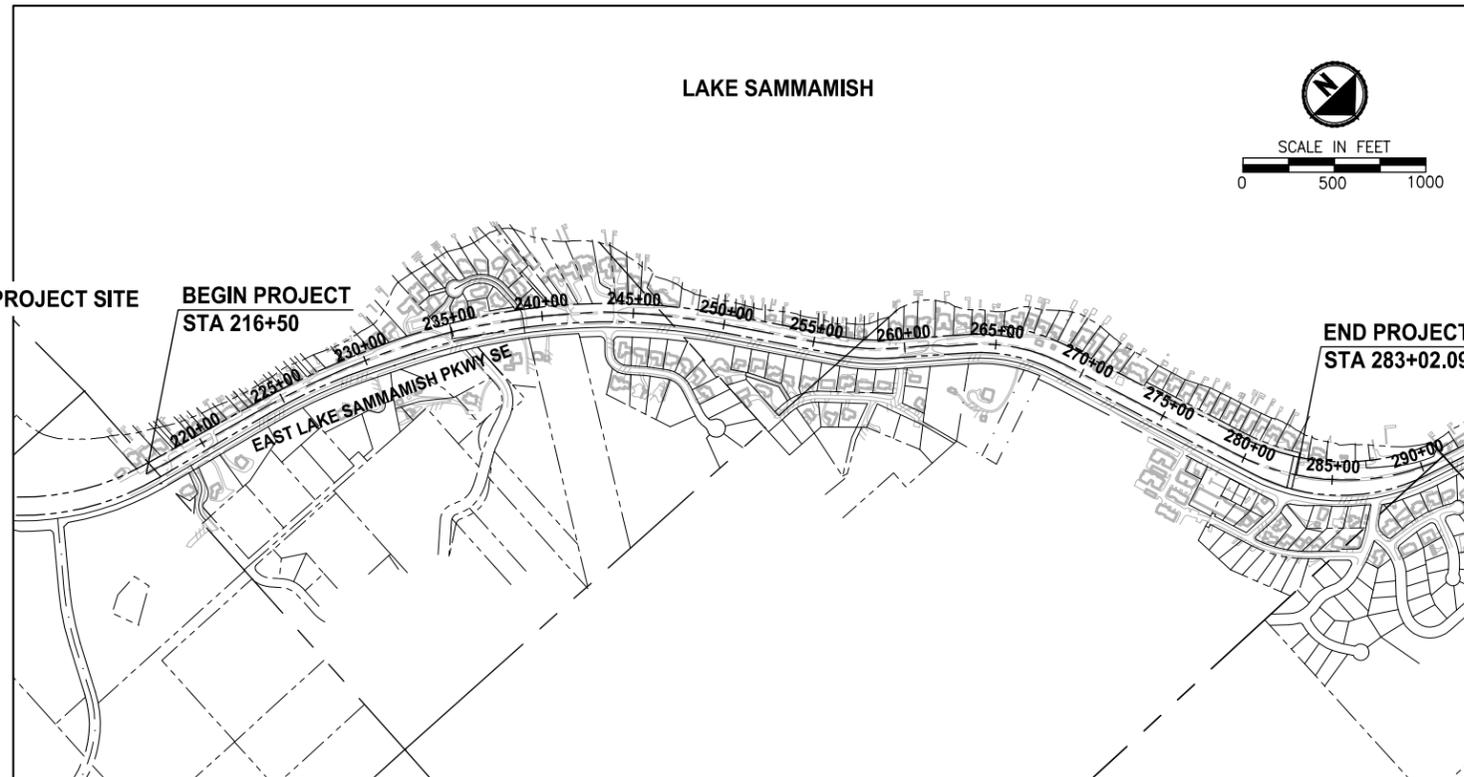
Issaquah/Sammamish City Limit to SE 33rd Street

King County, Washington

CONTRACT NO. XX



LOCATION MAP
NOT TO SCALE



VICINITY MAP

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: STEVE McCASKEY, PLS

OWNER:
KING COUNTY PARKS AND RECREATION DIVISION

ARBORIST:
NW FORESTRY
11415 NE 128TH ST SUITE 110
KIRKLAND, WA 98034
(425) 7820-3420
CONTACT: MATT ROURKE

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. 223
CONTACT: KEVIN ROUEN

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

LEGAL DESCRIPTION:

PARCEL NUMBER: 1724069007

PORTION BURLINGTON NORTHERN AND SANTA FE RAILWAY COMPANY'S (FORMERLY NORTHERN PACIFIC RAILWAY COMPANY) SNOQUALMIE BRANCH LINE RIGHT-OF-WAY 100 FEET IN WIDTH OVER AND ACROSS GOVERNMENT LOTS 1, 2 & 3 SECTION 17 TOWN 24 RANGE 06.

PARCEL NUMBER: 0824069021

PORTION OF BURLINGTON NORTHERN AND SANTA FE RAILWAY COMPANY'S (FORMERLY NORTHERN PACIFIC RAILWAY COMPANY) SNOQUALMIE BRANCH LINE RIGHT-OF-WAY 200 FEET IN WIDTH OVER & ACROSS GOVERNMENT LOT 1 & SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER SECTION 08 TOWN 24 RANGE 06 TOGETHER WITH PORTION OF SAID RAILWAY COMPANY'S 100 FEET BRANCH LINE RIGHT-OF-WAY OVER & ACROSS GOVERNMENT LOT 2 OF SAID SECTION 08 LESS FOLLOWING; PORTION OF SOUTHWEST QUARTER OF THE NORTHWEST & SOUTHWEST SECTION 08 TOWN 24 RANGE 06 AND GOVERNMENT LOT 1 DESCRIBED AS FOLLOWS; ALL THAT PORTION OF NPRR 200 FEET BRANCH LINE RIGHT-OF-WAY BEING 100 FT WIDE ON EACH SIDE OF THE MAIN TRACK CENTER LINE OVER AND ACROSS GOVERNMENT LOT 1 & SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION TOWN RANGE BOUNDED ON NORTHWEST BY WEST LINE OF GOVERNMENT LOT LINE 1 & SOUTHWEST QUARTER OF SOUTHWEST QUARTER OF NORTHWEST QUARTER & BOUNDED ON SOUTHWEST BY EAST LINE OF GOVERNMENT LOT LINE 1 SUBJECT TO RIGHT-OF-WAY OF EAST LAKE SAMMAMISH PARKWAY SOUTHEAST (ISSAQUAH-REDMOND RD REVISION) WHICH AREA ESTABLISHED ROAD RIGHT-OF-WAY.

PARCEL NUMBER: 0824069214

PORTION OF SOUTHWEST QUARTER OF NORTHWEST & SOUTHWEST SECTION 08 TOWN 24 RANGE 06 & GOVERNMENT LOT 1 DESCRIBED AS FOLLOWS; ALL THAT PORTION OF NPRR 200 FEET BRANCH LINE RIGHT-OF-WAY BEING 100 FEET WIDE ON EACH SIDE OF THE MAIN TRACK CENTER LINE OVER & ACROSS GOVERNMENT LOT 1 & SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER SAID SECTION TOWN RANGE BOUNDED ON NORTHWEST BY WEST LINE OF GOVERNMENT LOT LINE 1 & SOUTHWEST QUARTER OF SOUTHWEST QUARTER OF NORTHWEST QUARTER & BOUNDED ON SOUTHWEST BY EAST LINE OF GOVERNMENT LOT LINE 1 SUBJECT TO RIGHT-OF-WAY OF EAST LAKE SAMMAMISH PARKWAY SOUTHEAST (ISSAQUAH-REDMOND ROAD REVISION) WHICH ARE ESTABLISHED ROAD RIGHT-OF-WAY.

PROPERTY INFORMATION:

PARCEL NUMBERS: 1724069007 (8.85 ACRES)
0824069021 (2.15 ACRES)
0824069214 (9.16 ACRES)

PROJECT & SITE INFORMATION:

KING COUNTY PROPOSES TO DEVELOP AN ALTERNATIVE TRANSPORTATION CORRIDOR AND MULTI-USE TRAIL ALONG 1.3 MILES OF A FORMER RAILROAD CORRIDOR IN THE CITY OF SAMMAMISH, LOCATED BETWEEN ISSAQUAH/SAMMAMISH CITY LIMIT AND SE 33RD ST. A GRAVEL INTERIM TRAIL IS CURRENTLY IN OPERATION.

DISTURBED AREA = 216,431 SF (4.97 AC)
EXISTING IMPERVIOUS AREA = 162,803 SF (3.7 AC)
PROPOSED IMPERVIOUS AREA = 269,681 SF (6.2 AC)
VOLUME OF ESTIMATED FILL = 1561 CY
VOLUME OF ESTIMATED EXCAVATION = 1429 CY

WRITTEN DESCRIPTION OF THE PROJECT:

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

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

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

60 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

LAYOUT: G1 PATH: U:\Bea\Projects\Clients\1521-King_City\554-1521-075-ELST\985sec3\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgaban DATE: Tuesday, July 29, 2014 4:26:05 PM

REVISIONS	DATE	BY	DESIGNED
			J. JUN
			B. PURGANAN
			Y. HO

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
FILE NAME: BL1521075P20T03G-01
JOB No.: 554-1521-075 P20T03
DATE: JULY 2014



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

COVER SHEET

SHEET NO.
1 OF 57
G1

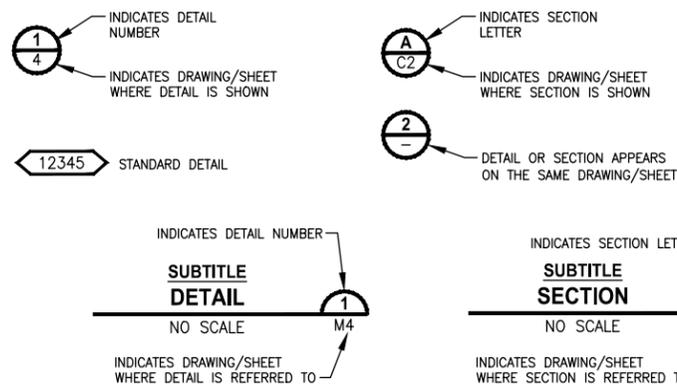
ABBREVIATIONS:

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	RR	RAIL ROAD
CP	CONCRETE PIPE	SD	STORM DRAIN
CSTC	CRUSHED SURFACING TOP COURSE	SDMH	STORMWATER MANHOLE
DIA	DIAMETER	SIM	SIMILAR
DI, DIP	DUCTILE IRON PIPE	SS	SANITARY SEWER
E	EAST, EASTING	ST	STEEL
EOA	EDGE OF ASPHALT	STA	STATION
EVCE	END VERTICAL CURB ELEVATION	TEL	TELEPHONE
EVCS	END VERTICAL CURB STATION	TESC	TEMPORARY EROSION AND SEDIMENT CONTROL
EOG	EDGE OF GRAVEL	TOW	TOP OF WALL
EOP	EDGE OF PAVEMENT	TYP	TYPICAL
EX, EXIST	EXISTING	W	WATER
FOC	FACE OF CURB	WS	WATER SERVICE
FL	FLANGE, FLOWLINE	WSDOT	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
G	GAS	WWM	WELDED WIRE MESH
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		

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
TYPICAL CROSS SECTIONS		
7	CS1	TYPICAL CROSS SECTIONS
EXISTING CONDITIONS		
8	EX1	EXISTING CONDITIONS PLAN
9	EX2	EXISTING CONDITIONS PLAN
10	EX3	EXISTING CONDITIONS PLAN
11	EX4	EXISTING CONDITIONS PLAN
12	EX5	EXISTING CONDITIONS PLAN
13	EX6	EXISTING CONDITIONS PLAN
14	EX7	EXISTING CONDITIONS PLAN
15	EX8	EXISTING CONDITIONS PLAN
16	EX9	EXISTING CONDITIONS PLAN
SITE PREPARATION		
17	SP1	SITE PREPARATION PLAN (NOT INCLUDED)
18	SP2	SITE PREPARATION PLAN (NOT INCLUDED)
19	SP3	SITE PREPARATION PLAN (NOT INCLUDED)
20	SP4	SITE PREPARATION PLAN (NOT INCLUDED)
21	SP5	SITE PREPARATION PLAN (NOT INCLUDED)
22	SP6	SITE PREPARATION PLAN (NOT INCLUDED)
23	SP7	SITE PREPARATION PLAN (NOT INCLUDED)
24	SP8	SITE PREPARATION PLAN (NOT INCLUDED)
25	SP9	SITE PREPARATION PLAN (NOT INCLUDED)
TRAIL PLAN & PROFILE		
26	AL1	PLAN AND PROFILE
27	AL2	PLAN AND PROFILE
28	AL3	PLAN AND PROFILE
29	AL4	PLAN AND PROFILE
30	AL5	PLAN AND PROFILE
31	AL6	PLAN AND PROFILE
32	AL7	PLAN AND PROFILE
33	AL8	PLAN AND PROFILE
34	AL9	PLAN AND PROFILE
35	AL10	PLAN AND PROFILE
36	AL11	PLAN AND PROFILE
37	AL12	PLAN AND PROFILE
38	AL13	PLAN AND PROFILE
39	AL14	PLAN AND PROFILE
STORM DRAIN PROFILES		
40	SD1	STORM DRAIN PROFILES AND SECTIONS
DRAINAGE DETAILS		
41	DD1	DRAINAGE DETAILS

DWG NO.	SHT NO.	SHEET TITLE
DRIVEWAY PLAN AND PROFILE		
42	DP1	DRIVEWAY PLAN AND PROFILE
43	DP2	DRIVEWAY PLAN AND PROFILE
44	DP3	DRIVEWAY PLAN AND PROFILE
45	DP4	DRIVEWAY PLAN AND PROFILE
46	DP5	DRIVEWAY PLAN AND PROFILE
WALL PROFILES		
47	WP1	WALL PROFILES
48	WP2	WALL PROFILES
49	WP3	WALL PROFILES
WALL DETAILS		
50	WD1	STRUCTURAL EARTH WALL DETAILS
MISCELLANEOUS DETAILS		
51	MD1	MISCELLANEOUS DETAILS
52	MD2	MISCELLANEOUS DETAILS
53	MD3	MISCELLANEOUS DETAILS
54	MD4	MISCELLANEOUS DETAILS (NOT INCLUDED)
MITIGATION		
55	MP1	MITIGATION PLAN
56	MP2	MITIGATION PLANTING DETAILS
57	MP3	MITIGATION NOTES

DETAIL AND SECTION DESIGNATION



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

**60 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

LAYOUT: G2 PATH: U:\Bent\Projects\Clients\1521-075-ELST\995\ca\00\Phase 20\Task 03\DWG3 PLOTTED BY: purgobut DATE: Tuesday, July 29, 2014 4:26:22 PM

REVISIONS	DATE	BY	DESIGNED
			J. JUN
			B. PURGANAN
			Y. HO
			APPROVED

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P20T03G-02
 JOB No.: 554-1521-075 P20T03
 DATE: JULY 2014

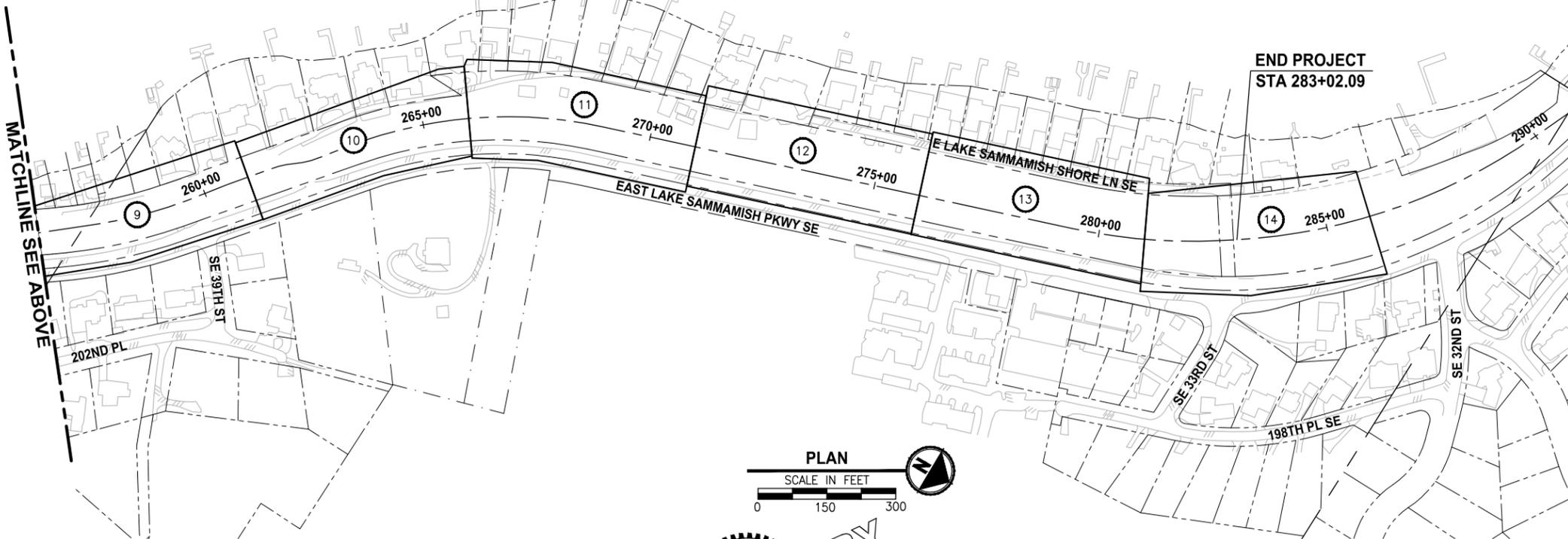
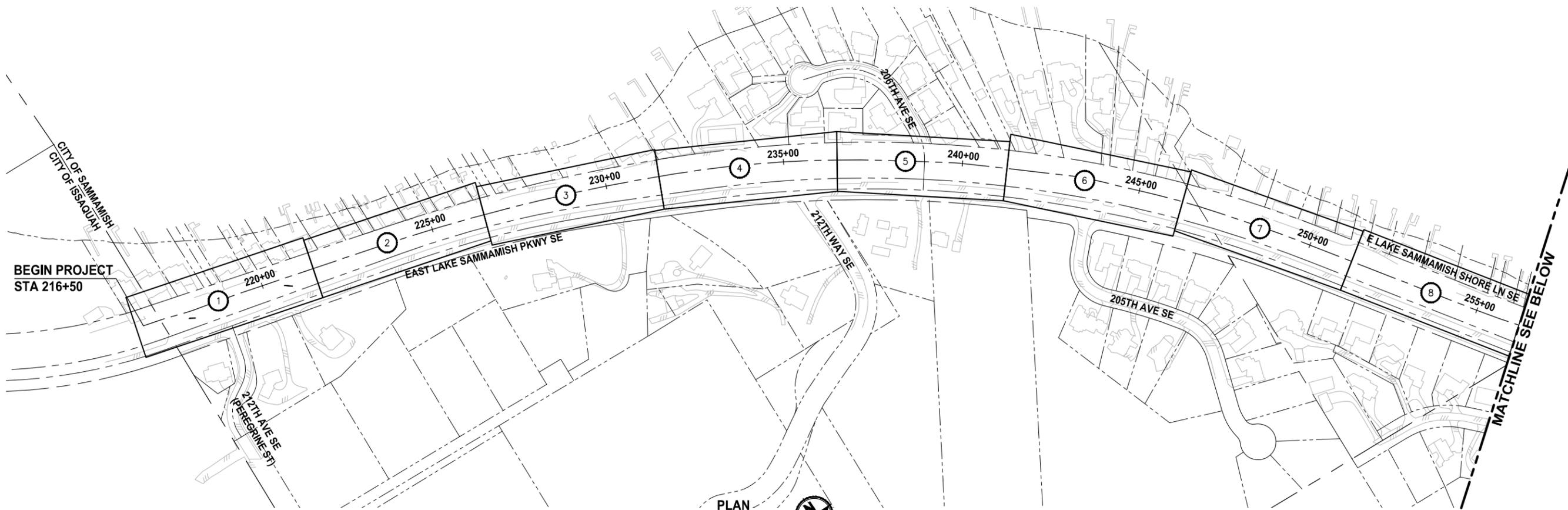


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PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT A**
 SAMMAMISH, WA

ABBREVIATIONS AND SHEET LIST

SHEET NO.
 2 OF 57
G2



SHEET INDEX TABLE

(X)	EXISTING CONDITIONS PLAN	PLAN AND PROFILE	MITIGATION PLANTING PLAN
1	EX1	AL1	-
2	EX1	AL2	-
3	EX2	AL3	-
4	EX2	AL4	-
5	EX3	AL5	MP1
6	EX3	AL6	-
7	EX4	AL7	-
8	EX4	AL8	-
9	EX5	AL9	-
10	EX5	AL10	-
11	EX6	AL11	-
12	EX7	AL12	-
13	EX8	AL13	-
14	EX9	AL14	-

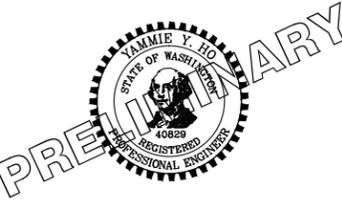
CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**60 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

LAYOUT: G3 PATH: U:\Bell\Projects\Clients\1521-075-ELST\995\cadd\Phase 20\Task 03\DWG3 PLOTTED BY: purgaban DATE: Tuesday, July 29, 2014 4:26:42 PM

REVISIONS	DATE	BY	DESIGNED
			J. JUN
			B. PURGANAN
			Y. HO

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY
FILE NAME
BL1521075P20T03G-03
JOB No.
554-1521-075 P20T03
DATE
JULY 2014



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

SHEET INDEX

SHEET NO.
3 OF 57
G3

SEC'S 8, 17 TWP. 24 N., RGE. 06 E, W.M.

LEGEND

DESCRIPTION	PROPOSED	EXISTING
RIGHT OF WAY	— R/W —	— R/W —
PROPERTY LINE	— P/L —	— 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 — UD —	— UD — UD — UD —
TEMPORARY DRAIN PIPE	— D — D — D —	— D — D — D —
STORM DRAIN	— — — — —	— SD —
CULVERT/STORM DRAIN PIPE	— — — — —	— — — — —
QUARRY SPALL		
INFILTRATION TRENCH		
CATCH BASIN, TYPE 1	■	■
CATCH BASIN, TYPE 2	■	■
INLET PROTECTION	⊙	⊙
SANITARY SEWER LINE	— — — — —	— SS —
SANITARY SEWER MANHOLE	⊙	⊙
SANITARY SEWER VAULT	⊙	⊙
CLEANOUT	●	⊙
CONTOURS MAJOR	— 10 —	— 10 —
CONTOURS MINOR	— 2 —	— 2 —
SILT FENCE	— □ — □ — □ — □ — □ —	
HIGH VISIBILITY FENCE	— X — X — X —	
CLEARING AND GRUBBING LIMITS	— CG — CG — CG — CG —	
CLEARING LIMITS	— CLR — CLR — CLR — CLR —	
FILL LINE	— F — F — F — F — F —	
CUT LINE	— C — C — C — C — C —	
SAWCUT	— / / / / / —	
ASPHALT EDGE	— — — — —	— / / / / / —
CONCRETE LINE	— — — — —	— — — — —
CURB AND GUTTER	— — — — —	— — — — —
EDGE OF PATCH	— — — — —	— — — — —
EDGE OF GRAVEL	— — — — —	— — — — —

LEGEND

DESCRIPTION	PROPOSED	EXISTING
BARBWIRE FENCE	— — — — —	— X — 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 —
POWER		— 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 —
TV RISER		⊙
TV		— TV —
GAS VALVE		⊙
GAS		— G —
WATER LINE		— W —
FIRE HYDRANT		⊙
WATER METER		⊙
WATER VALVE		⊙
AREA DRAIN		⊙
WATER BLOW OFF VALVE		⊙
WATER POST INDICATOR		⊙
SPRINKLER HEAD ROT=90		
IRRIGATION CONTROL VALVE		⊙
TREE DRIP LINE		⊙

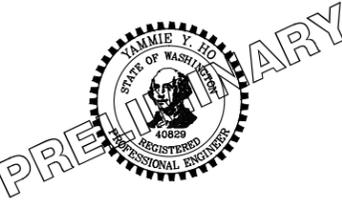
LEGEND

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	— — — — —	— — — — —
RIP RAP		
ROCKERY		
HANDICAPPED SYMBOL		
WHEELCHAIR RAMP		
BUILDING LINE		
CONCRETE STAIR LINE		
WOOD STAIRWAY		
REMOVE ASPHALT		
PATTERNED CONCRETE DRIVEWAY		
RAMP DETECTABLE WARNING		
RESTORATION PLANTING AREA		
SANDBAG DAM		
WATTLE CHECK DAM		
FORMER RAILROAD CENTERLINE	— 220 + RR C/L —	
CONSTRUCTION CENTERLINE	— 220+00 + A-LINE —	

LAYOUT: G4 PATH: U:\Bell\Projects\Clients\1521-075-ELST\995\cadd\Phase 20\Task 03\DWG3 PLOTTED BY: purganan DATE: Tuesday, July 29, 2014 4:26:55 PM

REVISIONS	DATE	BY	DESIGNED
			J. JUN
			B. PURGANAN
			Y. HO

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P20T03G-04
 JOB No: 554-1521-075 P20T03
 DATE: JULY 2014



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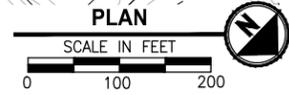
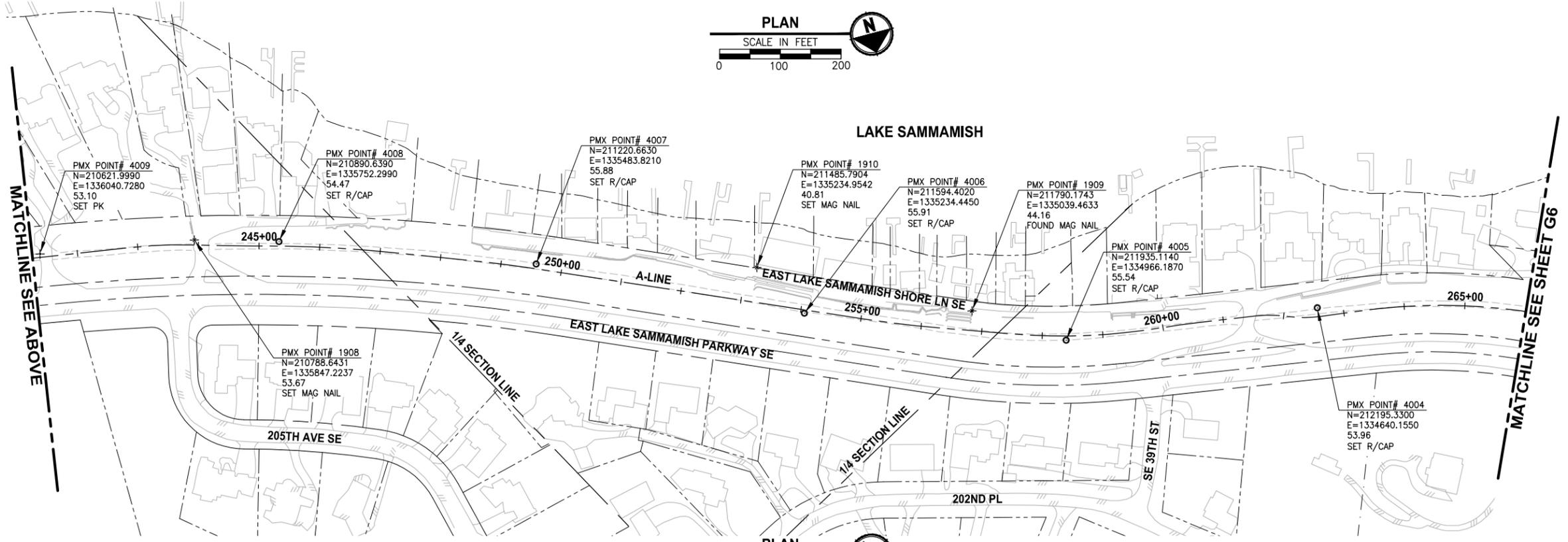
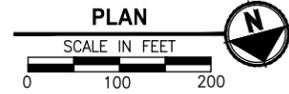
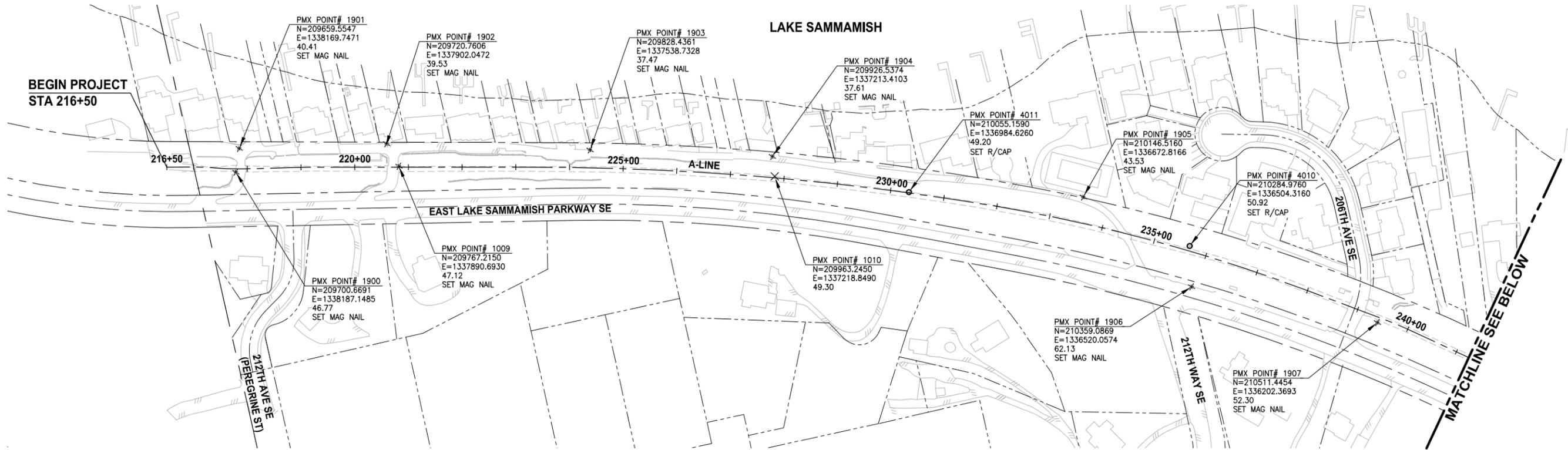
PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT A
 SAMMAMISH, WA

LEGEND

SHEET NO.
 4 OF 57
G4

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

60% REVIEW SUBMITTAL NOT FOR CONSTRUCTION



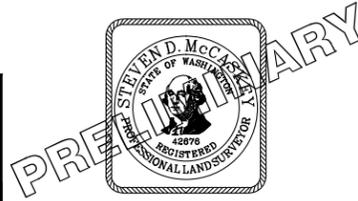
CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

60 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

LAYOUT: G5 PATH: U:\Bent\Projects\Clients\1521-075-ELST\99Svcs\cadd\Phase 20\Task 03\DWG3 PLOTTED BY: purganan DATE: Tuesday, July 29, 2014 4:27:28 PM

REVISIONS	DATE	BY	DESIGNED
			S. MCCASKEY
			B. PURGANAN
			S. MCCASKEY
			APPROVED

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
FILE NAME: BL1521075P20T03G-05
JOB No.: 554-1521-075 P20T03
DATE: JULY 2014

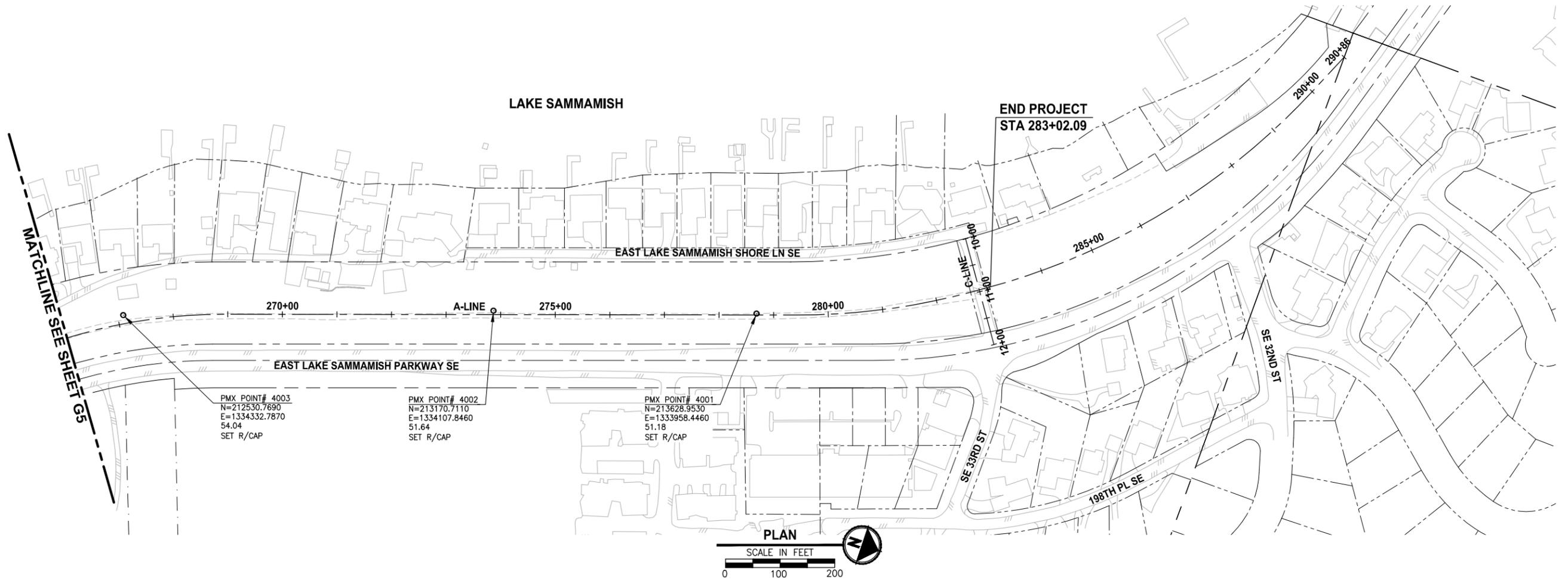


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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

SURVEY CONTROL PLAN

SHEET NO.
5 OF 57
G5



LAYOUT: G6 PATH: U:\Bell\Projects\Clients\1521-King_City\554-1521-075-ELST\99Svca\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Tuesday, July 29, 2014 4:27:33 PM

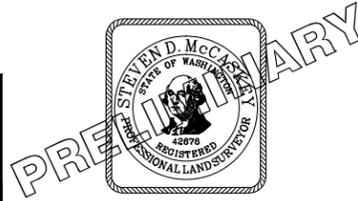
CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

60 % REVIEW SUBMITTAL
 NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			S. MCCASKEY
			B. PURGANAN
			S. MCCASKEY
			APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME
 BL1521075P20T03G-05
 JOB No.
 554-1521-075 P20T03
 DATE
 JULY 2014



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

SURVEY CONTROL PLAN

SHEET NO.
 6 OF 57
G6

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 STRUCTURAL EARTH WALL, SEE AL PLANS FOR LOCATIONS. SEE WP SHEETS FOR WALL PROFILES. SEE SHEET WD1 FOR DETAILS.
- 4 4" TOPSOIL TYPE A, SEEDING, FERTILIZING AND MULCHING.
- 5 EXISTING BALLAST BASE.
- 6 SELECT BORROW INCL. HAUL.
- 7 SPLIT RAIL FENCE OR COATED CHAIN LINK FENCE TYPE 6. SEE AL PLANS FOR LOCATIONS AND SEE DETAILS ON SHEET MDS.
- 8 CRUSHED SURFACING BASE COURSE.
- 9 INFILTRATION TRENCH. **3 DDT**
- 10 CEMENT CONCRETE SIDEWALK PER WSDOT STD PLAN F-30.10-02.
- 11 CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER WSDOT STD PLAN F-10.12-02.
- 12 SAWCUT.
- 13 HMA CL. 1/2" PG 64-22.
- 14 ASPHALT TREATED BASE.

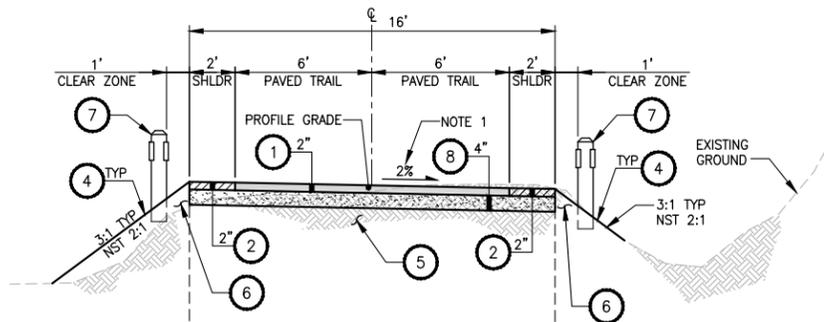
GENERAL NOTES:

1. SEE CROSS SLOPE SCHEDULE.
2. SEE WALL SCHEDULE ON SHEET WD1 FOR OFFSET DISTANCE.

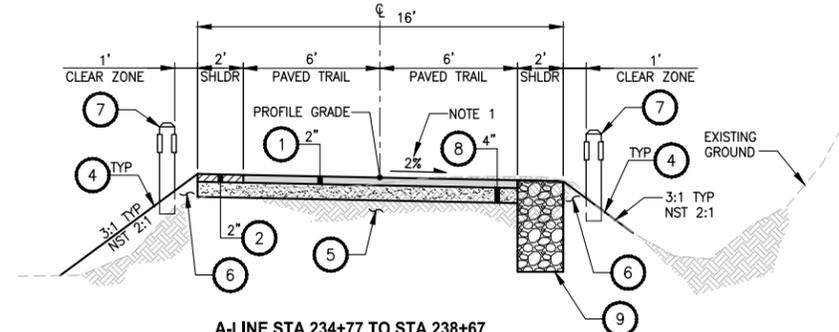
CROSS SLOPE SCHEDULE

FROM STA	TO STA	CROSS SLOPE*
A 217+00	A 217+95	SLOPE TO LEFT
A 217+95	A 218+20	CROSS SLOPE TRANSITION
A 218+20	A 282+71	SLOPE TO RIGHT

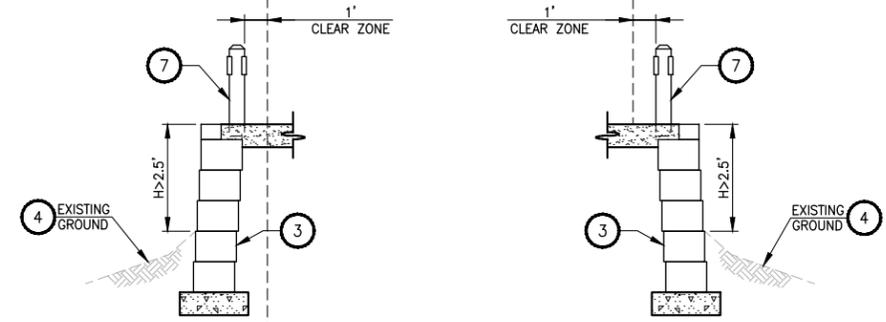
* SEE DP SHEETS FOR CROSS SLOPE CHANGES ACROSS DRIVEWAYS.



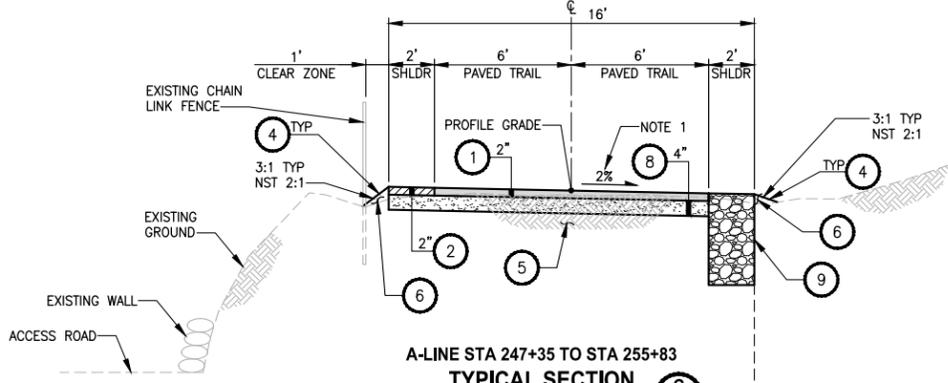
A-LINE STA 217+00 TO STA 234+77
 A-LINE STA 238+67 TO STA 244+25
 A-LINE STA 256+28 TO STA 256+70
 A-LINE STA 261+27 TO STA 261+72
 A-LINE STA 282+54 TO STA 282+71
TYPICAL SECTION A
 NO SCALE



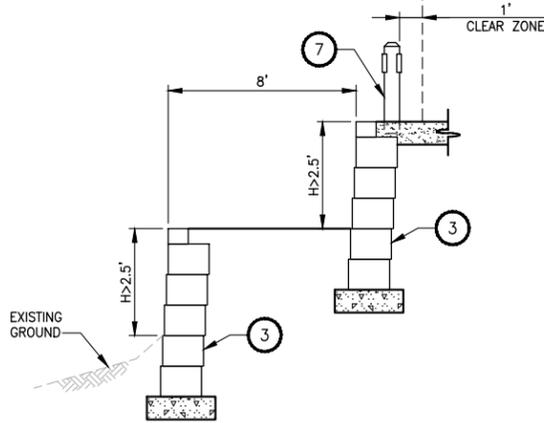
A-LINE STA 234+77 TO STA 238+67
 A-LINE STA 244+25 TO STA 247+35
 A-LINE STA 255+83 TO STA 256+28
 A-LINE STA 256+70 TO STA 261+27
 A-LINE STA 261+72 TO STA 282+54
TYPICAL SECTION B
 NO SCALE



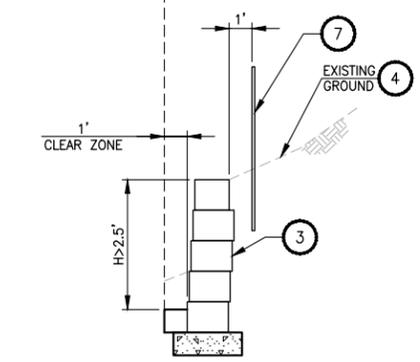
FILL SECTION WITH RETAINING WALL



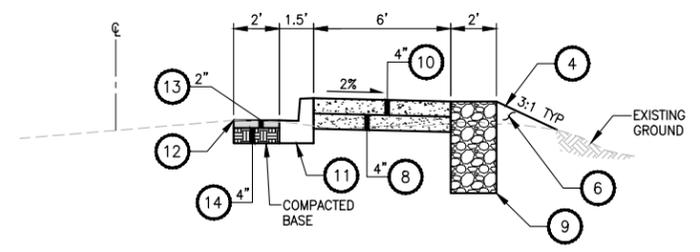
A-LINE STA 247+35 TO STA 255+83
TYPICAL SECTION C
 NO SCALE



FILL SECTION WITH TIERED RETAINING WALL



CUT SECTION WITH RETAINING WALL



SIDEWALK AT SE 33RD ST
 C-LINE STA 10+15 TO STA 11+79
TYPICAL SECTION D
 NO SCALE

CITY OF SAMMAMISH APPROVAL

City Engineer _____	Date _____
Community Development _____	Date _____

60% REVIEW SUBMITTAL
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LAYOUT: CSI
 PATH: U:\Ball\Projects\Clients\1521-King_City\554-1521-075-ELST\99\SS\CA\DD\Phase 20\Task 03\DWG\
 PLOTTED BY: purgabut DATE: Tuesday, July 29, 2014 4:27:45 PM

REVISIONS	DATE	BY	DESIGNED
			J. JUN
			B. PURGANAN
			Y. HO

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FILE NAME
 BL1521075P20T03CS-01
 JOB No.
 554-1521-075 P20T03
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PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT A**
 SAMMAMISH, WA

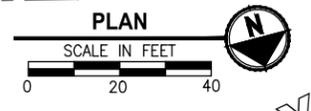
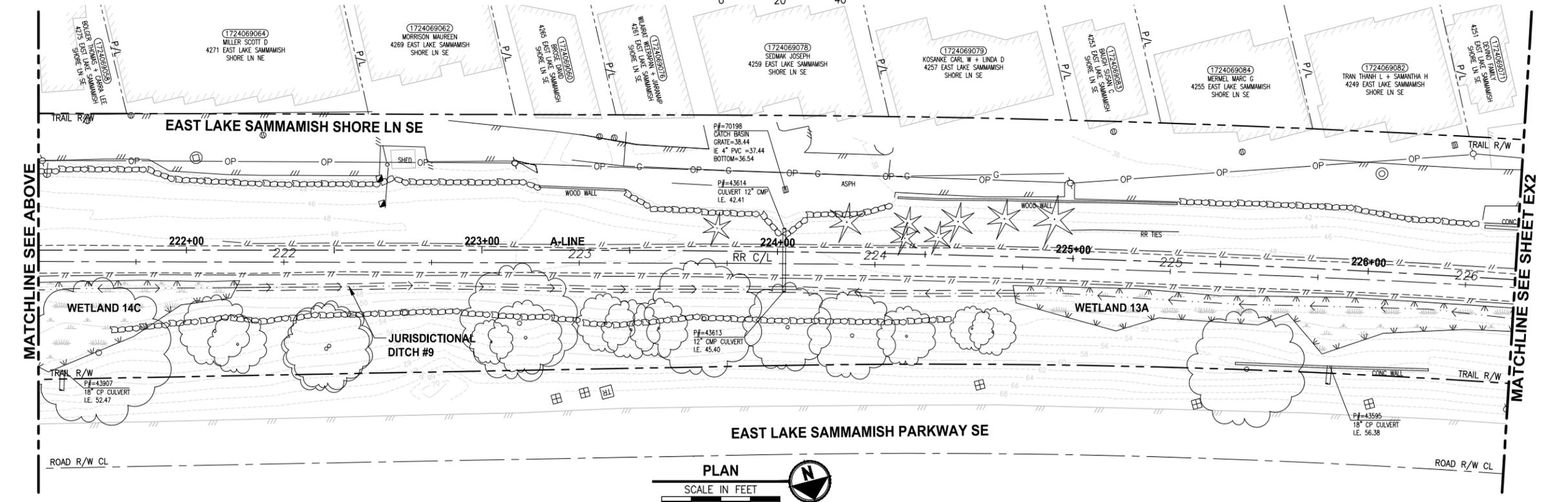
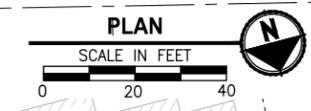
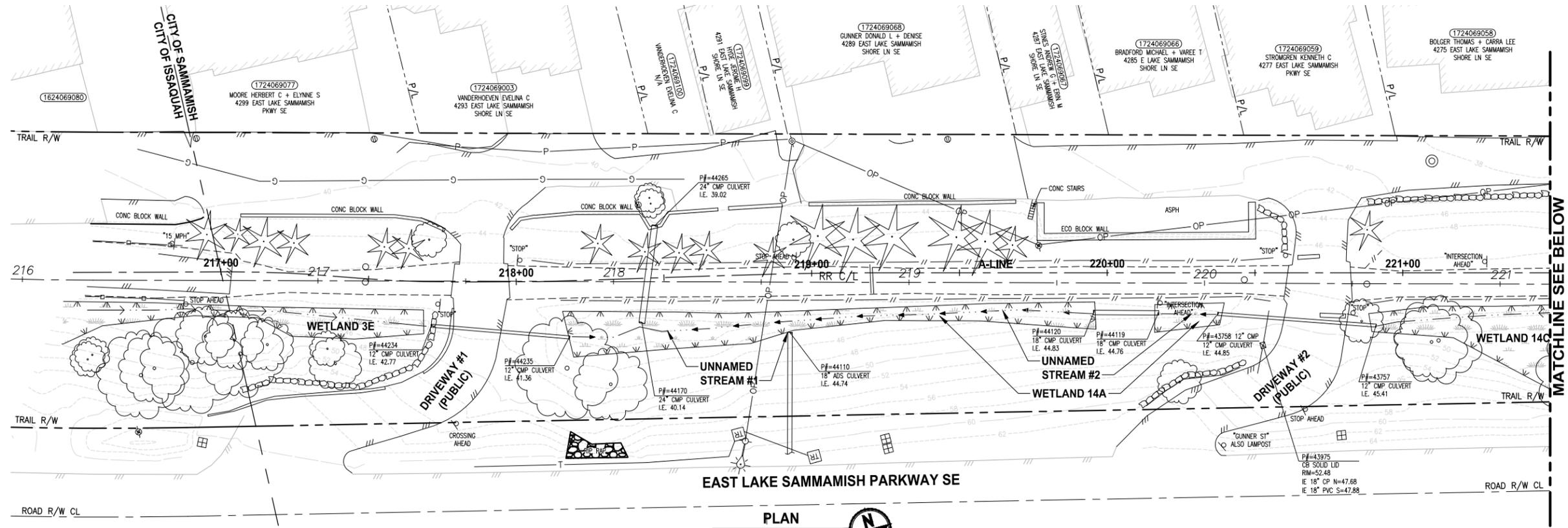
TYPICAL CROSS SECTIONS

SHEET NO.
 7 OF 57
CS1

SEC'S 8, 17 TWP. 24 N., RGE. 06 E, W.M.

- GENERAL NOTES:**
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- LEGEND:**
- FORMER RAILROAD CENTERLINE 220 RR C/L
 - CONSTRUCTION CENTERLINE 220+00 A-LINE



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

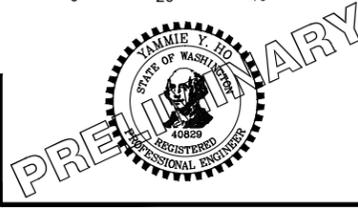
60 % REVIEW SUBMITTAL
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PATH: U:\Ball\Projects\Clients\1521-075-ELST\95\West\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgaban DATE: Tuesday, July 29, 2014 4:28:35 PM LAYOUT: EX1

REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
			J. JUN	B. PURGANAN	Y. HO	

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P20T03EX-01
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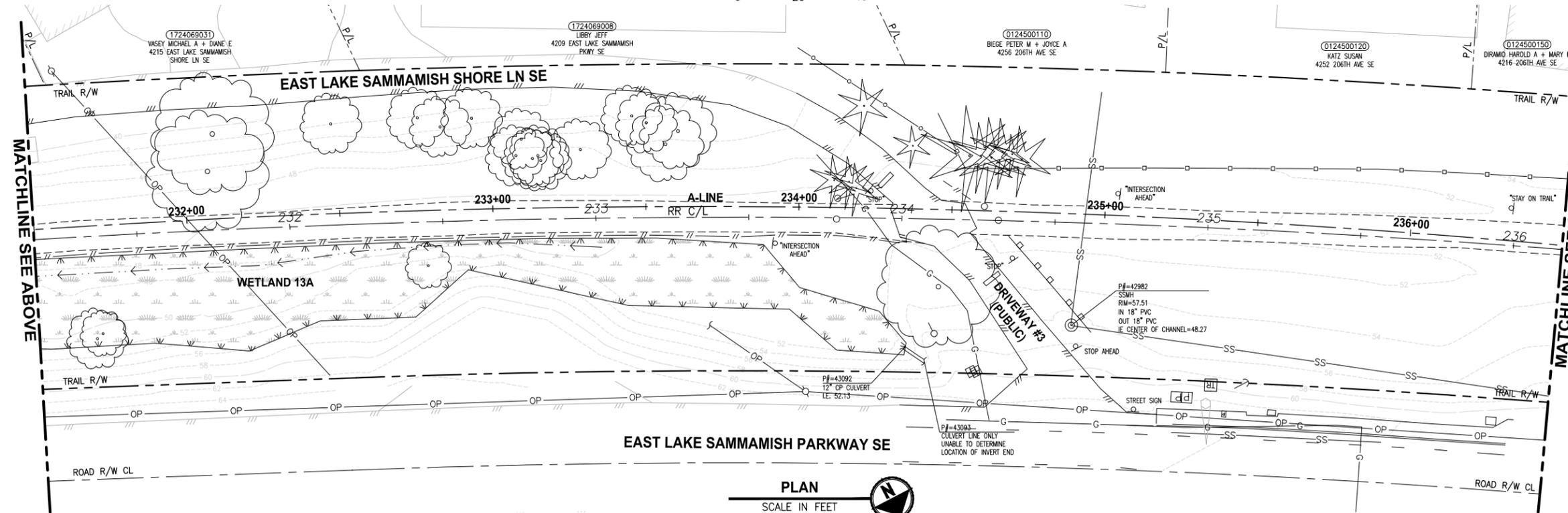
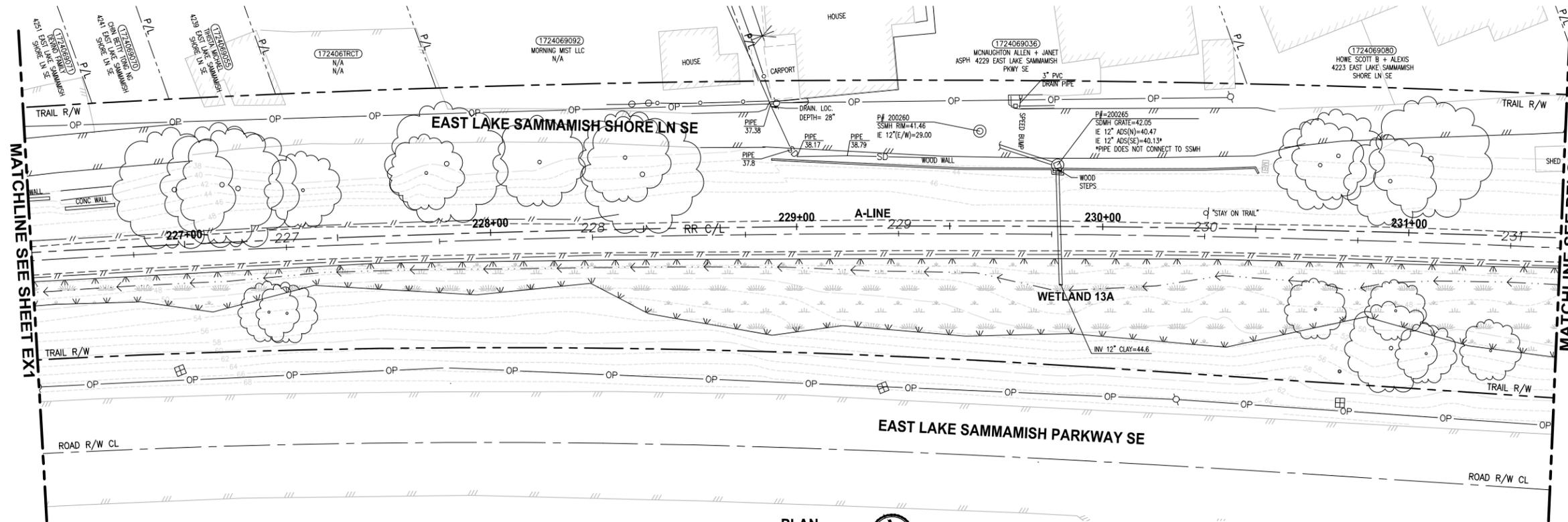
PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT A
 SAMMAMISH, WA

EXISTING CONDITIONS PLAN

SHEET NO.
8 OF 57

EX1

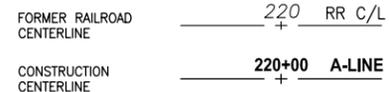
SEC'S 8, 17 TWP. 24 N., RGE. 06 E, W.M.



GENERAL NOTES:

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LEGEND:



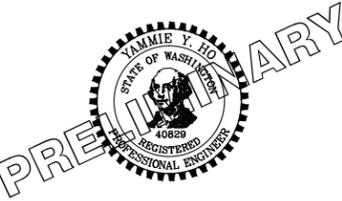
CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

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PATH: U:\Ball\Projects\Clients\1521-King_City\554-1521-075-ELST\98\West\CADD\Phase 20\Task 03.DWG PLOTTED BY: purganub DATE: Tuesday, July 29, 2014 4:28:57 PM LAYOUT: EX2

REVISIONS	DATE	BY	DESIGNED
			J. JUN
			B. PURGANAN
			Y. HO
			APPROVED

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P20T03EX-01
 JOB No: 554-1521-075 P20T03
 DATE: JULY 2014



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

EXISTING CONDITIONS PLAN

SHEET NO.
9 OF 57
EX2

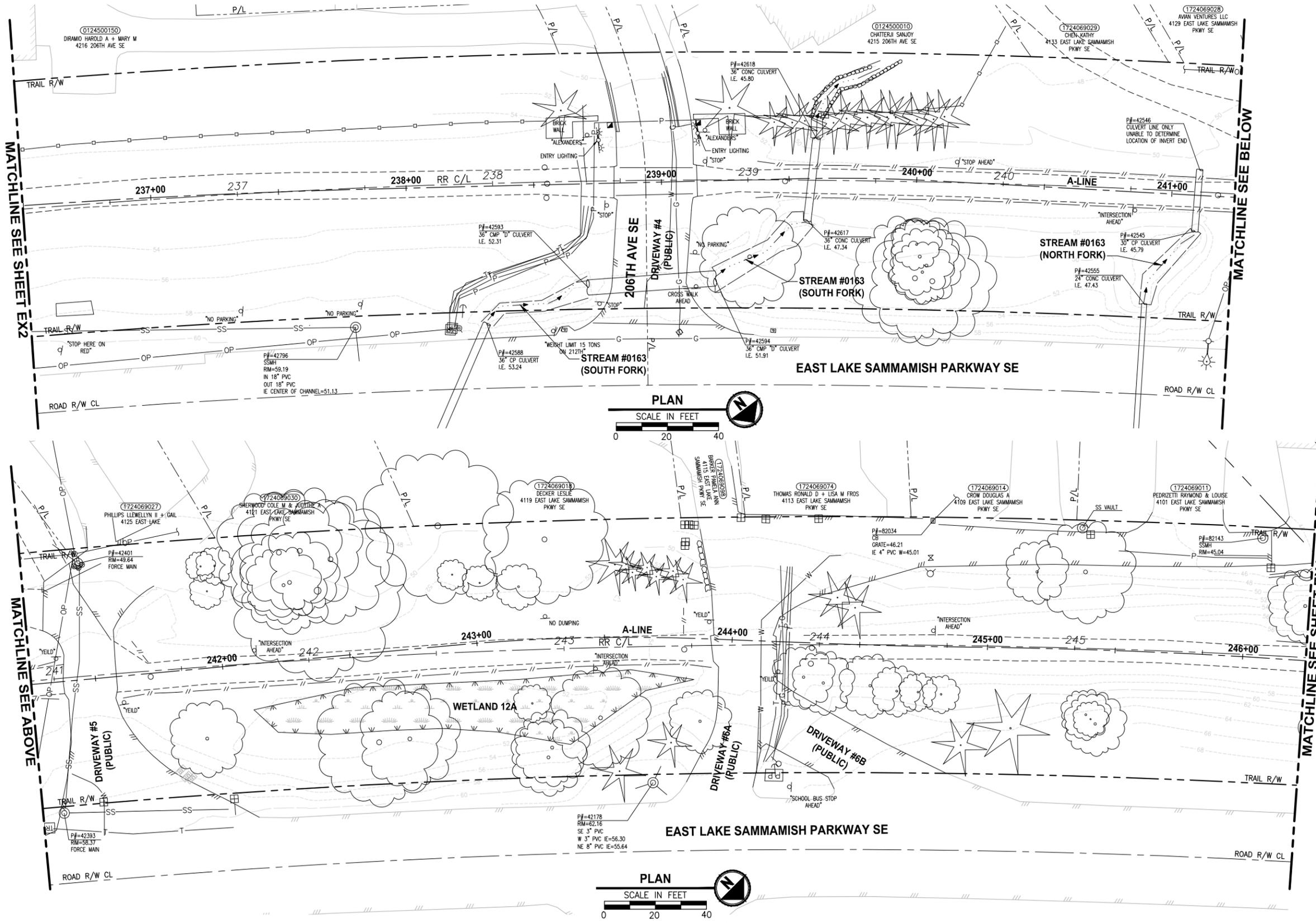
SEC'S 8, 17 TWP. 24 N., RGE. 06 E, W.M.

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LEGEND:

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



PATH: U:\Ball\Projects\Clients\1521-075-ELST\98\Sec8\CA\Phase 20\Task 03.DWG PLOTTED BY: purgaban DATE: Tuesday, July 29, 2014 4:28:17 PM LAYOUT: EX3

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

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REVISIONS	DATE	BY	DESIGNED
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			Y. HO
			APPROVED

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

EXISTING CONDITIONS PLAN

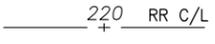
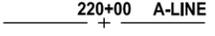
SHEET NO.
10 OF 57
EX3

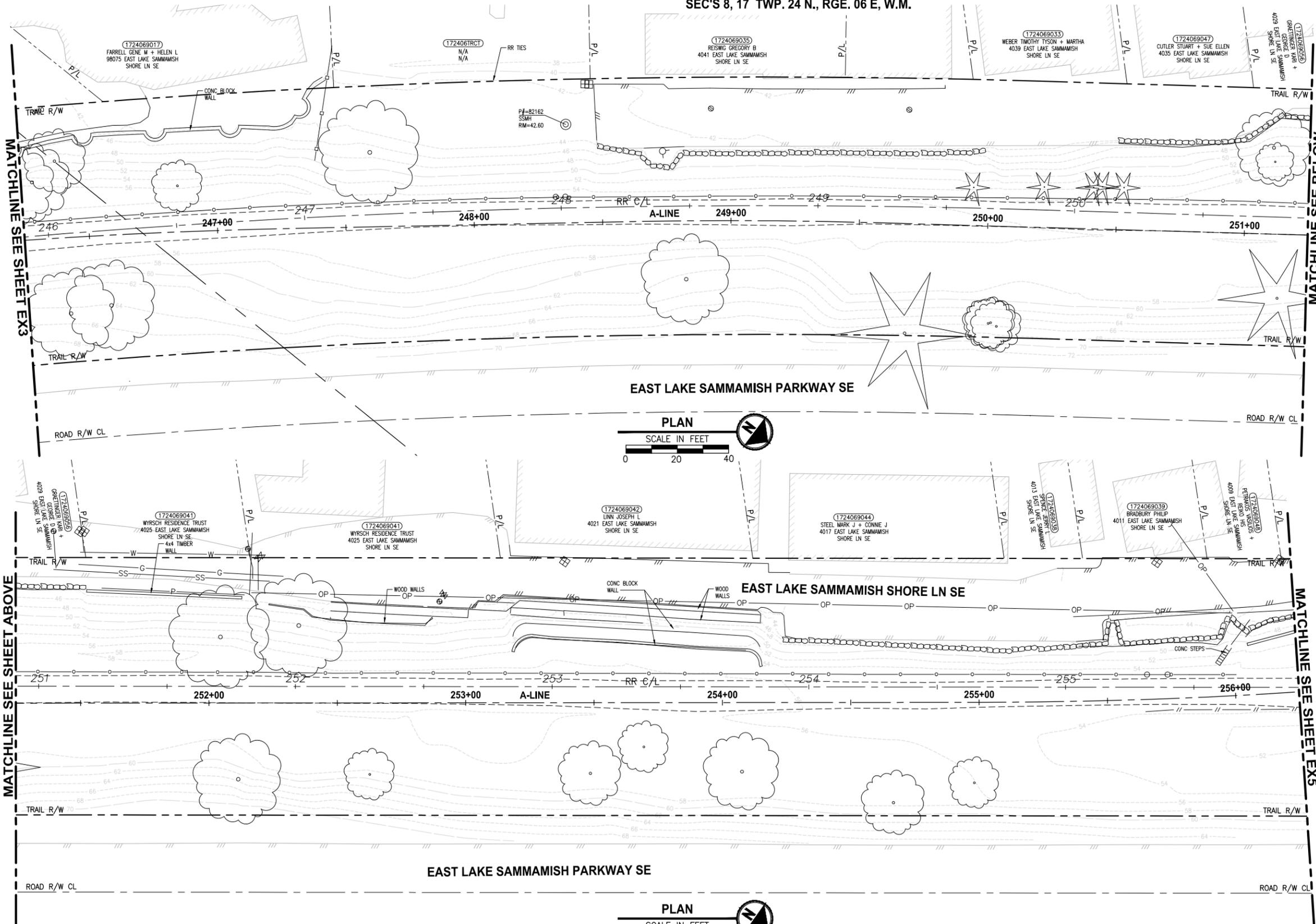
SEC'S 8, 17 TWP. 24 N., RGE. 06 E, W.M.

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LEGEND:

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



LAYOUT: EX4
 PATH: U:\Ball\Projects\Clients\1521-075-ELST\98\Sves\CADD\Phase 20\Task 03.DWG
 PLOTTED BY: purganub
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REVISIONS	DATE	BY	DESIGNED
			J. JUN
			B. PURGANAN
			Y. HO
			APPROVED

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EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT A
 SAMMAMISH, WA

EXISTING CONDITIONS PLAN

SHEET NO.
 11 OF 57
EX4

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

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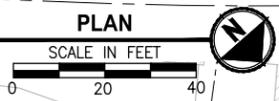
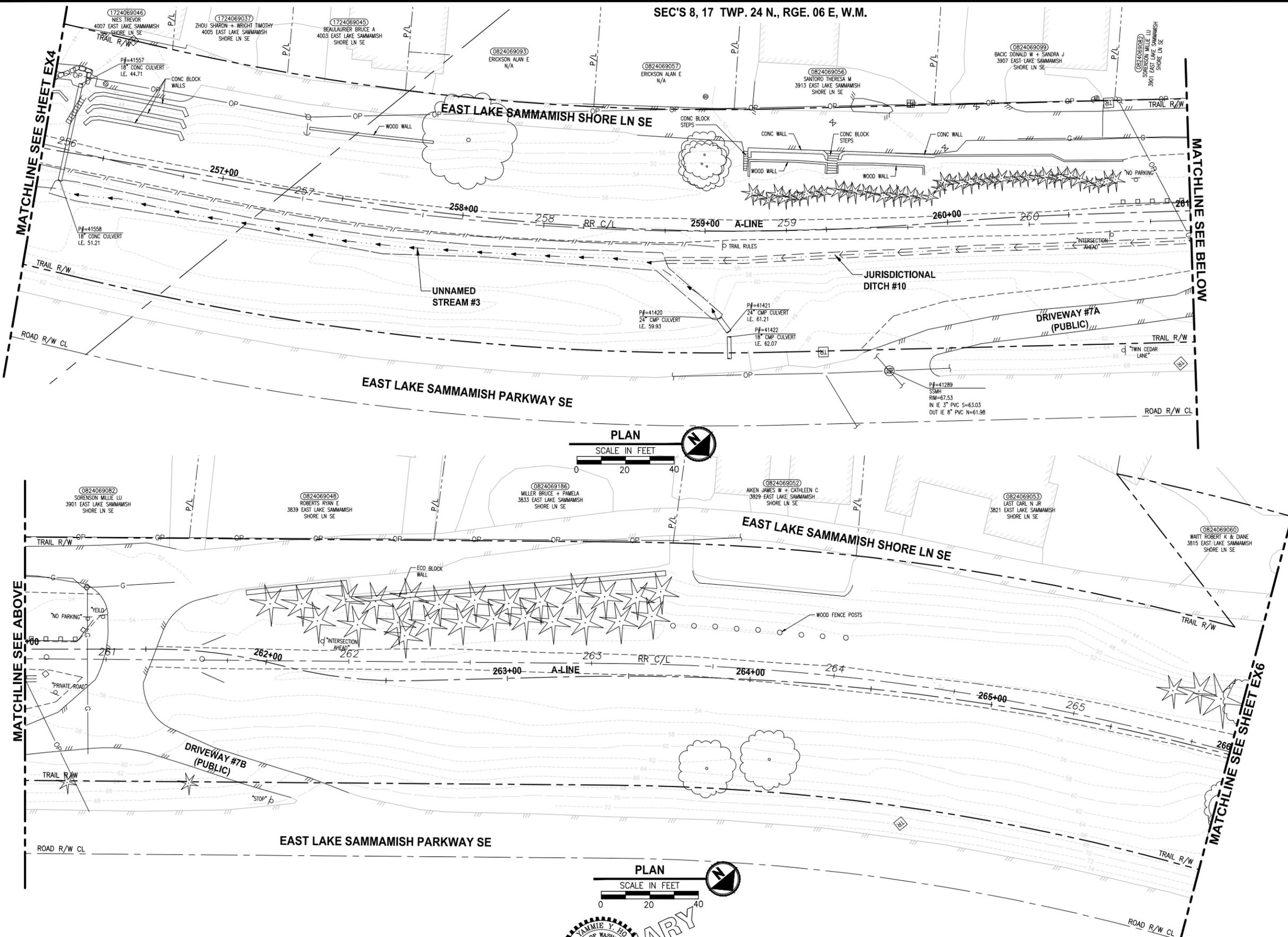
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LEGEND:

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



LAYOUT: EX5
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 PLOTTED BY: purgabut DATE: Tuesday, July 29, 2014 4:29:57 PM

REVISIONS	DATE	BY	DESIGNED
			J. JUN
			B. PURGANAN
			CHECKED
			APPROVED

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

EXISTING CONDITIONS PLAN
EX5

SHEET NO.
 12 OF 57

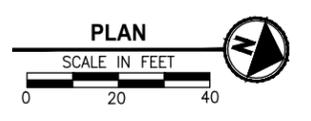
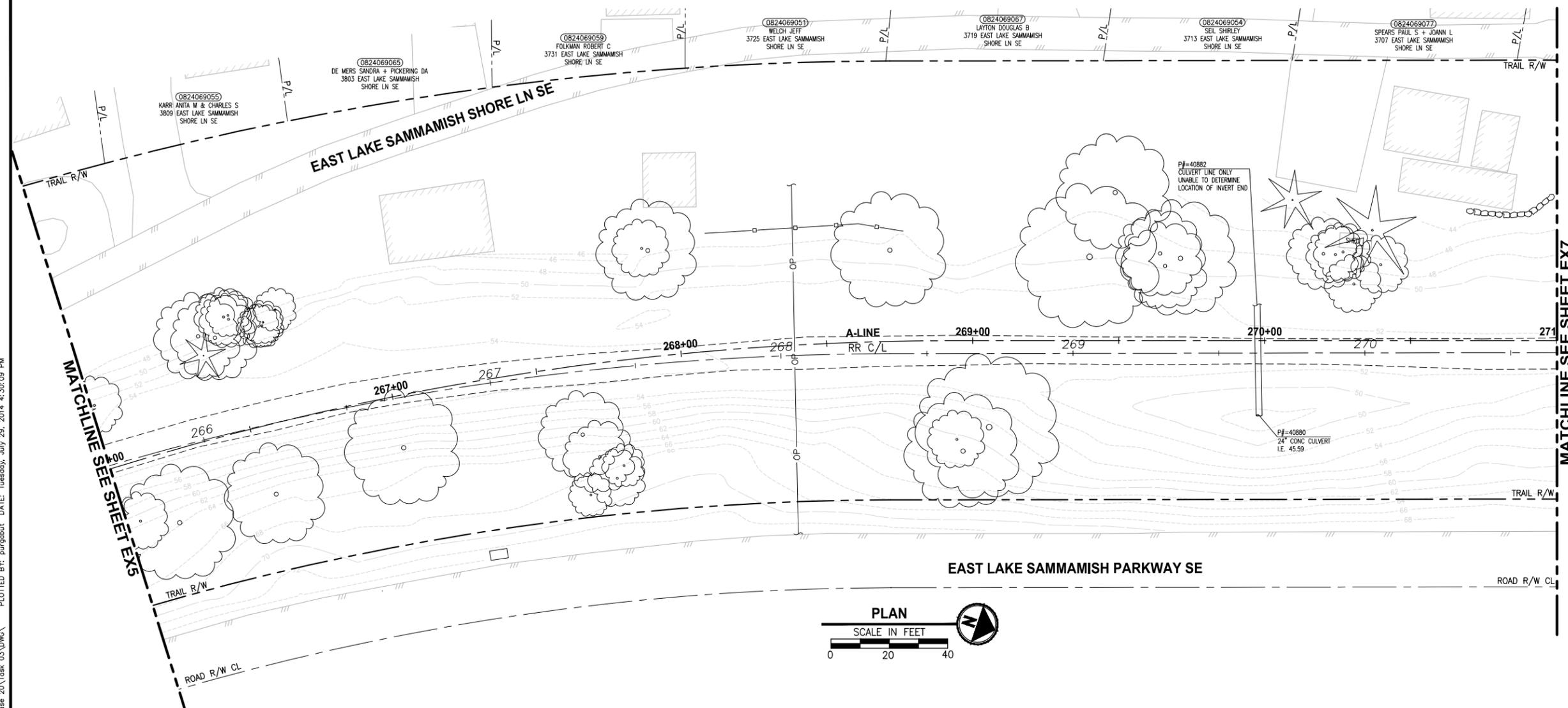
CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
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 - CONSTRUCTION CENTERLINE 220+00 A-LINE



PATH: U:\Ball\Projects\Clients\1521-King_City\554-1521-075-ELST\98\Sts\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Tuesday, July 29, 2014 4:30:09 PM LAYOUT: EX6

REVISIONS	DATE	BY	DESIGNED
			J. JUN
			B. PURGANAN
			Y. HO
			APPROVED

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

EXISTING CONDITIONS PLAN

SHEET NO.
 13 OF 57
EX6

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

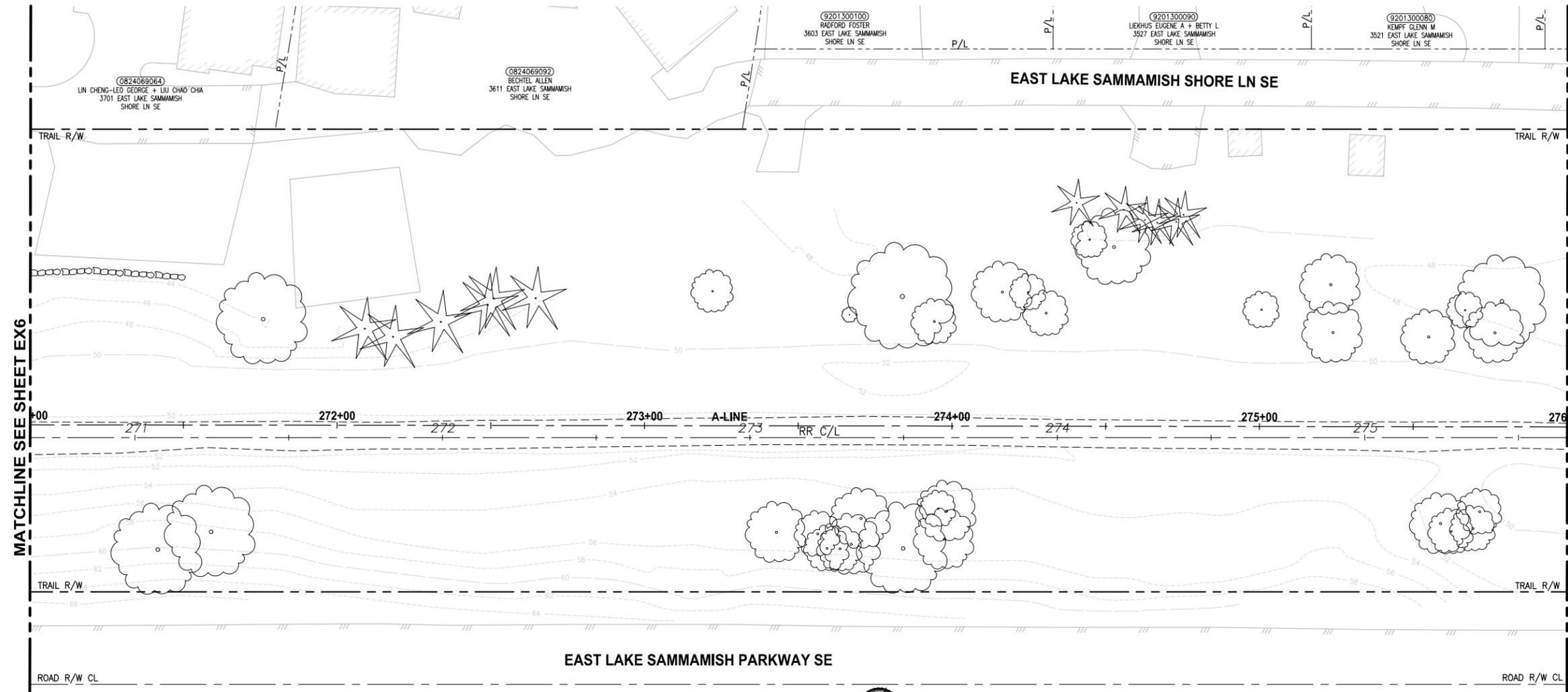
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LEGEND:

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- CONSTRUCTION CENTERLINE 220+00 A-LINE



MATCHLINE SEE SHEET EX6

MATCHLINE SEE SHEET EX8

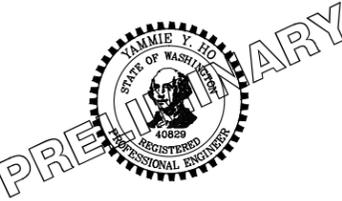


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REVISIONS	DATE	BY	DESIGNED
			J. JUN
			B. PURGANAN
			Y. HO
			APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P20T03EX-01
 JOB No.: 554-1521-075 P20T03
 DATE: JULY 2014



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

EXISTING CONDITIONS PLAN

SHEET NO.
 14 OF 57
EX7

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

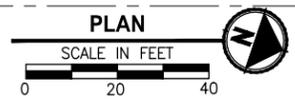
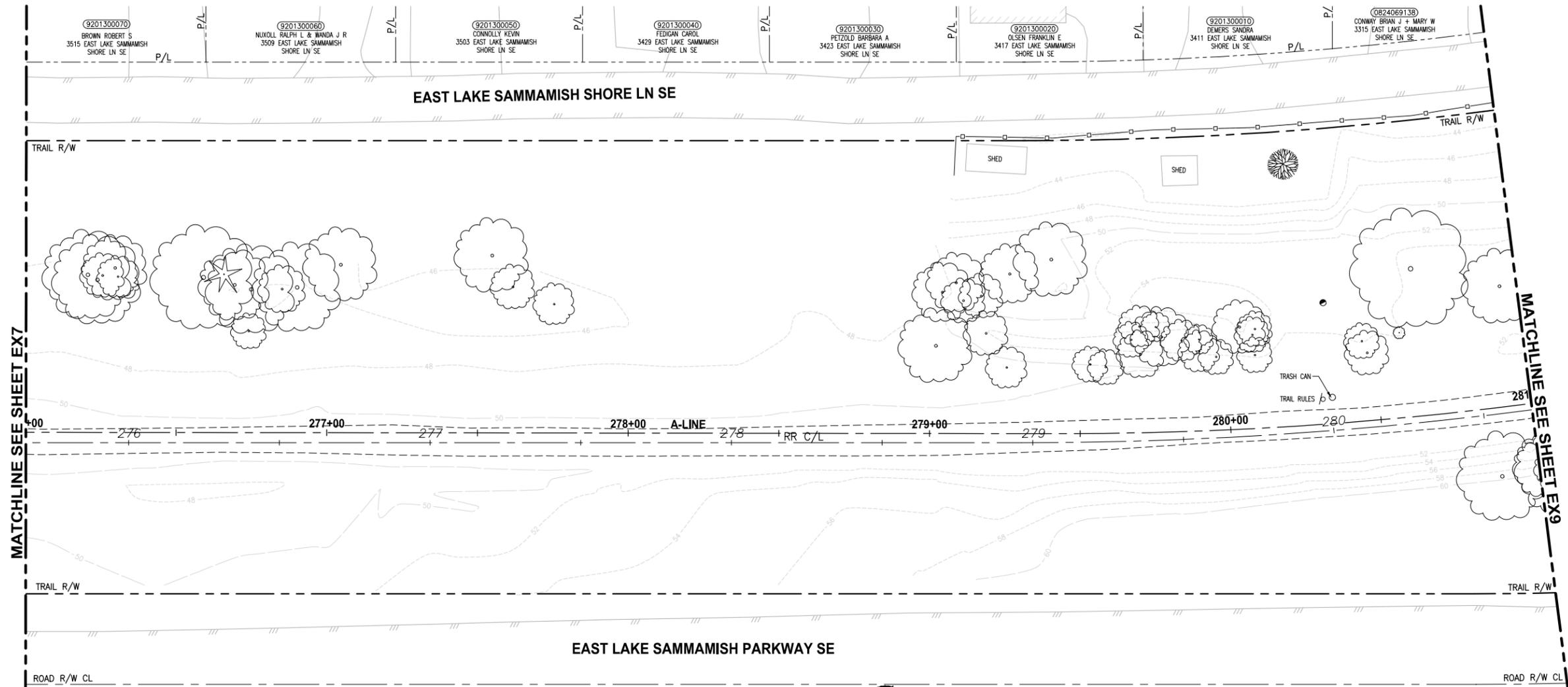
**60 % REVIEW SUBMITTAL
 NOT FOR CONSTRUCTION**

GENERAL NOTES:

1. SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.
2. THE RAIL ROAD CENTERLINE (RR CL) SHOWN IS BASED ON THE RIGHT OF WAY DRAWINGS AND RECORDS PROVIDED BY KING COUNTY, DATED 1998.
3. OUTLINES FOR BUILDING STRUCTURES SHOWN ARE BASED ON GIS AND AERIAL PHOTOS.
4. ONLY CONIFEROUS TREES WITH A DIAMETER OF 8 INCHES OR MORE OR DECIDUOUS TREES WITH A DIAMETER OF 12 INCHES OR MORE ARE DEPICTED IN THE SURVEY BASE MAP. TREES SMALLER THAN 8-INCH DIAMETER, HEDGES AND ARBORVITAE ARE NOT INCLUDED IN THE SURVEY.
5. EXISTING UTILITIES SHOWN ARE BASED ON APS PAINTLINE AND TOPOGRAPHIC SURVEY. AS-BUILTS RECORDS AND OTHER SOURCES ARE UNDERGOING REVIEW.

LEGEND:

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



PATH: U:\Ball\Projects\Clients\1521-King_City\554-1521-075-ELST\98\Sves\CADD\Phase 20\Task 03_DWG\ PLOTTED BY: purgabut DATE: Tuesday, July 29, 2014 4:30:39 PM LAYOUT: EX8

REVISIONS	DATE	BY	DESIGNED
			J. JUN
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			Y. HO
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 FILE NAME: BL1521075P20T03EX-01
 JOB No: 554-1521-075 P20T03
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT A
 SAMMAMISH, WA

EXISTING CONDITIONS PLAN

SHEET NO.
 15 OF 57
EX8

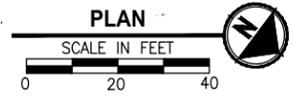
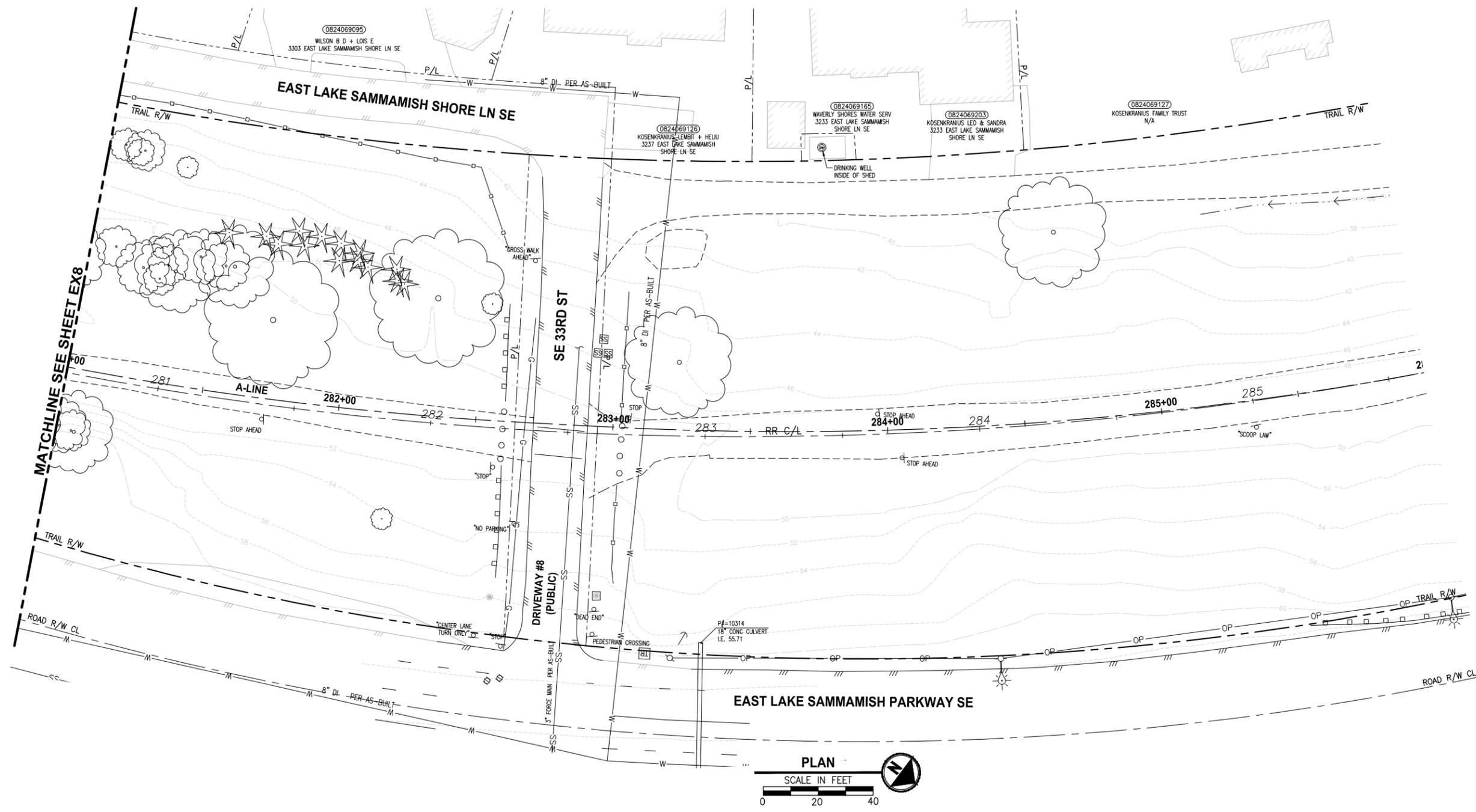
CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

60 % REVIEW SUBMITTAL
 NOT FOR CONSTRUCTION

- GENERAL NOTES:**
- SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.
 - THE RAIL ROAD CENTERLINE (RR CL) SHOWN IS BASED ON THE RIGHT OF WAY DRAWINGS AND RECORDS PROVIDED BY KING COUNTY, DATED 1998.
 - OUTLINES FOR BUILDING STRUCTURES SHOWN ARE BASED ON GIS AND AERIAL PHOTOS.
 - ONLY CONIFEROUS TREES WITH A DIAMETER OF 8 INCHES OR MORE OR DECIDUOUS TREES WITH A DIAMETER OF 12 INCHES OR MORE ARE DEPICTED IN THE SURVEY BASE MAP. TREES SMALLER THAN 8-INCH DIAMETER, HEDGES AND ARBORVITAE ARE NOT INCLUDED IN THE SURVEY.
 - EXISTING UTILITIES SHOWN ARE BASED ON APS PAINTLINE AND TOPOGRAPHIC SURVEY. AS-BUILTS RECORDS AND OTHER SOURCES ARE UNDERGOING REVIEW.

LEGEND:

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



LAYOUT: EX9
 PATH: U:\Ball\Projects\Clients\1521-075-ELST\98\Set\CA\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Tuesday, July 29, 2014 4:30:54 PM

REVISIONS	DATE	BY	DESIGNED
			J. JUN
			B. PURGANAN
			Y. HO
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FILE NAME: BL1521075P20T03EX-01
 JOB No.: 554-1521-075 P20T03
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT A
 SAMMAMISH, WA

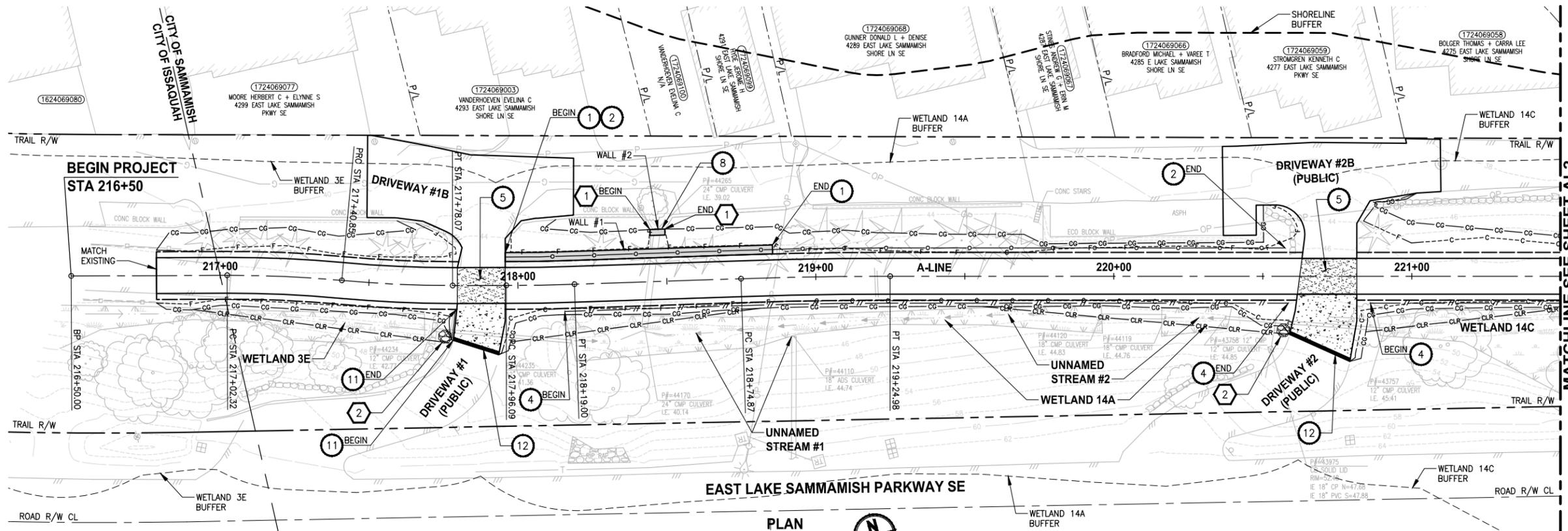
EXISTING CONDITIONS PLAN

SHEET NO.
 16 OF 57
EX9

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

60 % REVIEW SUBMITTAL
 NOT FOR CONSTRUCTION

SEC'S 8, 17 TWP. 24 N., RGE. 06 E, W.M.



CIVIL CONSTRUCTION NOTES:

- 1 INSTALL STRUCTURAL EARTH WALL. SEE WALL DETAILS ON SHEET WD1. SEE WALL PROFILES ON WP SHEETS.
- 2 INSTALL COATED CHAIN LINK FENCE TYPE 6. FOR GROUND POST INSTALLATION SEE APPENDIX B IN THE SPECIFICATIONS. SEE SHEET WD1 FOR INSTALLATION ON TOP OF WALL.
- 3 INSTALL SALVAGED CHAIN LINK CANTILEVER GATE, SEE DETAIL ON SHEET MD2.
- 4 INSTALL SPLIT RAIL FENCE, SEE DETAILS ON SHEET MD3.
- 5 INSTALL PATTERNED CONCRETE DRIVEWAY, SEE DETAILS ON SHEET MD2 AND DP SHEETS.
- 6 INSTALL CONCRETE STAIRS AND PEDESTRIAN HANDRAIL. SEE DETAILS ON SHEET MD3.
- 7 INSTALL PVC SLEEVE 4 IN. DIA FOR GAS LINE.
- 8 WALL DRAIN OUTFALL LOCATION.
- 9 CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER WSDOT STD PLAN F-10.12-02.
- 10 PARALLEL CURB RAMP PER WSDOT STD PLAN F-40.12-02.
- 11 INSTALL EXTRUDED CURB TYPE 5 PER WSDOT STD PLAN F-10.42-00.
- 12 INSTALL ASPHALT BUMP FOR DRAINAGE. SEE DETAIL ON SHEET MD3.

STORMWATER CONSTRUCTION NOTES:

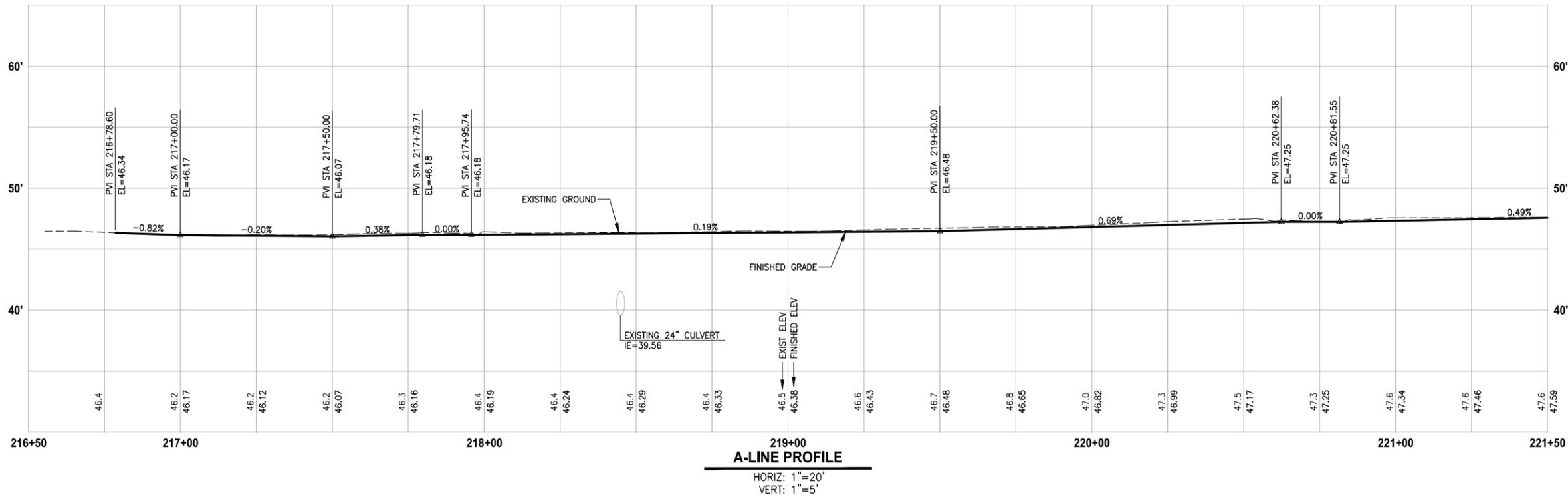
- 1 CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1. SEE WALL PROFILE ON WP SHEETS FOR WALL #2.
- 2 QUARRY SPALL OUTFALL PROTECTION, SEE DETAIL 2 ON SHEET DD1.
- 3 NOT USED.
- 4 INFILTRATION TRENCH, SEE DETAIL 3 ON SHEET DD1.

LEGEND:

- CEMENT CONCRETE SIDEWALK
- DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-01.

GENERAL NOTES:

1. SEE DP SHEETS FOR DRIVEWAY PLAN AND PROFILE.
2. SEE SD AND DD SHEETS FOR GENERAL NOTES RELATED TO STORM DRAIN STRUCTURES AND PIPES.



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: BL1521075P20T03AL-01
 JOB No: 554-1521-075 P20T03
 DATE: JULY 2014



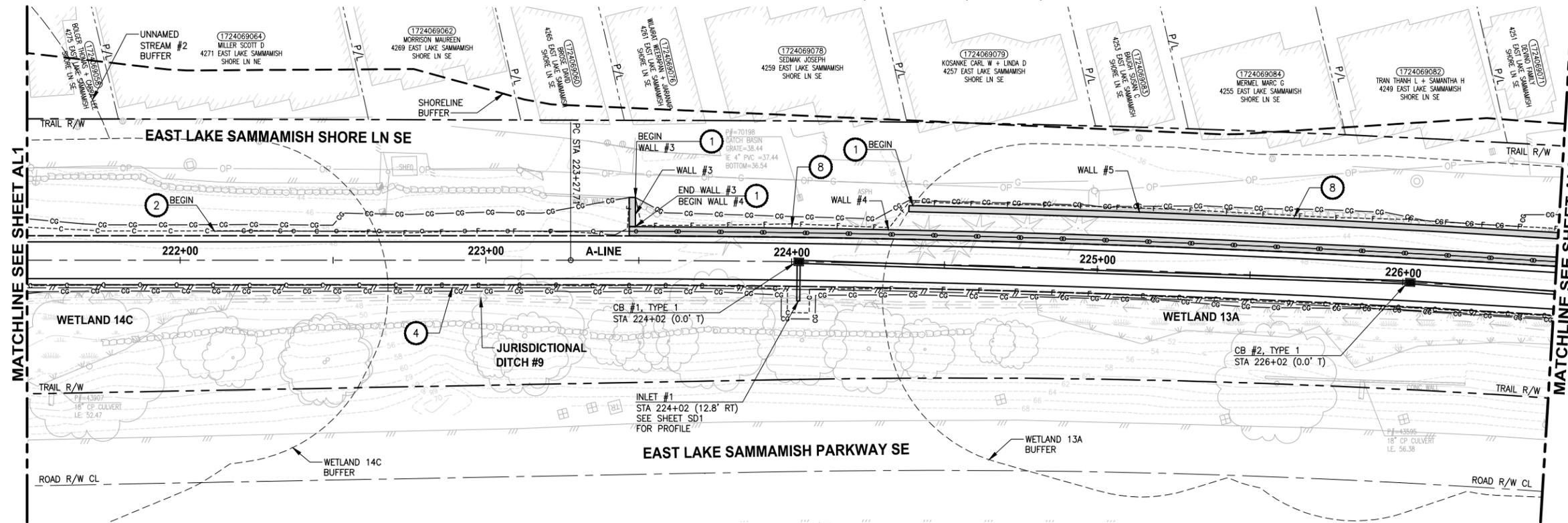
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT A
 SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
26 OF 57
AL1

SEC'S 8, 17 TWP. 24 N., RGE. 06 E, W.M.

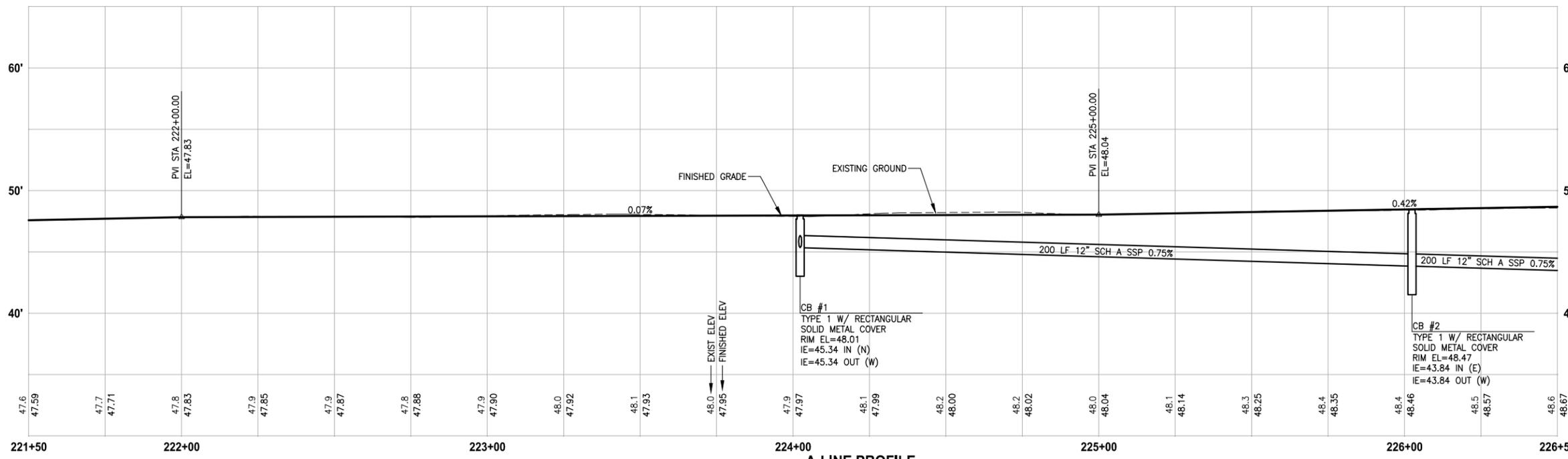


- CIVIL CONSTRUCTION NOTES:**
- INSTALL STRUCTURAL EARTH WALL. SEE WALL DETAILS ON SHEET WD1. SEE WALL PROFILES ON WP SHEETS.
 - INSTALL COATED CHAIN LINK FENCE TYPE 6. FOR GROUND POST INSTALLATION SEE APPENDIX B IN THE SPECIFICATIONS. SEE SHEET WD1 FOR INSTALLATION ON TOP OF WALL.
 - INSTALL SALVAGED CHAIN LINK CANTILEVER GATE, SEE DETAIL ON SHEET MD2.
 - INSTALL SPLIT RAIL FENCE, SEE DETAILS ON SHEET MD3.
 - INSTALL PATTERNED CONCRETE DRIVEWAY, SEE DETAILS ON SHEET MD2 AND DP SHEETS.
 - INSTALL CONCRETE STAIRS AND PEDESTRIAN HANDRAIL. SEE DETAILS ON SHEET MD3.
 - INSTALL PVC SLEEVE 4 IN. DIA FOR GAS LINE.
 - WALL DRAIN OUTFALL LOCATION.
 - CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER WSDOT STD PLAN F-10.12-02.
 - PARALLEL CURB RAMP PER WSDOT STD PLAN F-40.12-02.
 - INSTALL EXTRUDED CURB TYPE 5 PER WSDOT STD PLAN F-10.42-00.
 - INSTALL ASPHALT BUMP FOR DRAINAGE. SEE DETAIL ON SHEET MD3.

- STORMWATER CONSTRUCTION NOTES:**
- CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1. SEE WALL PROFILE ON WP SHEETS FOR WALL #2.
 - QUARRY SPALL OUTFALL PROTECTION, SEE DETAIL 2 ON SHEET DD1.
 - NOT USED.
 - INFILTRATION TRENCH, SEE DETAIL 3 ON SHEET DD1.

- LEGEND:**
- CEMENT CONCRETE SIDEWALK
 - DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-01.

- GENERAL NOTES:**
- SEE DP SHEETS FOR DRIVEWAY PLAN AND PROFILE.
 - SEE SD AND DD SHEETS FOR GENERAL NOTES RELATED TO STORM DRAIN STRUCTURES AND PIPES.



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

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

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LAYOUT: AL2 PATH: U:\Ball\Projects\Clients\1521-King_City\554-1521-075-ELST\98\Sves\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Tuesday, July 29, 2014 5:08:13 PM

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			B. PURGANAN
			Y. HO

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FILE NAME: BL1521075P20T03AL-01
JOB No: 554-1521-075 P20T03
DATE: JULY 2014



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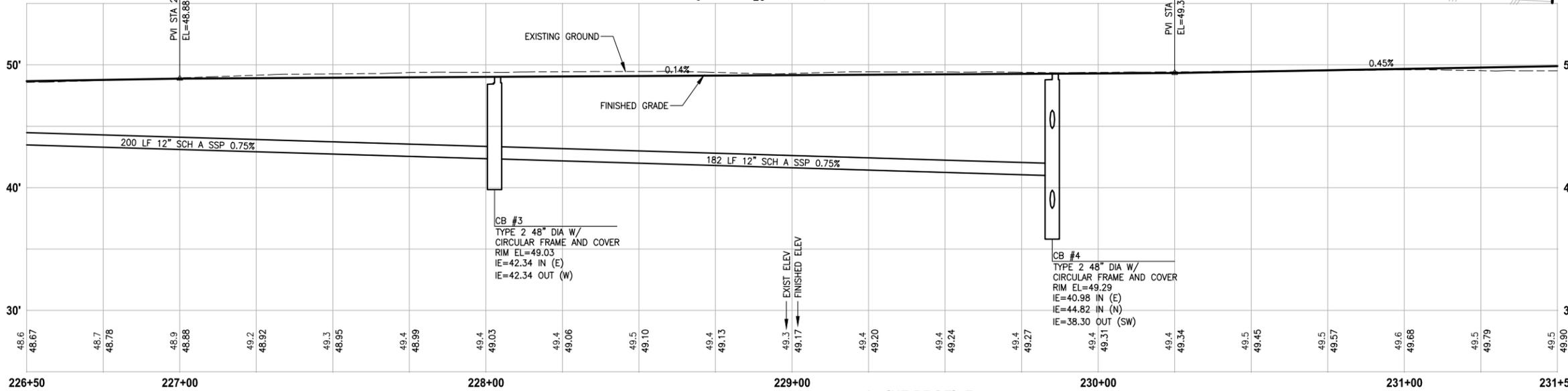
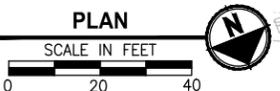
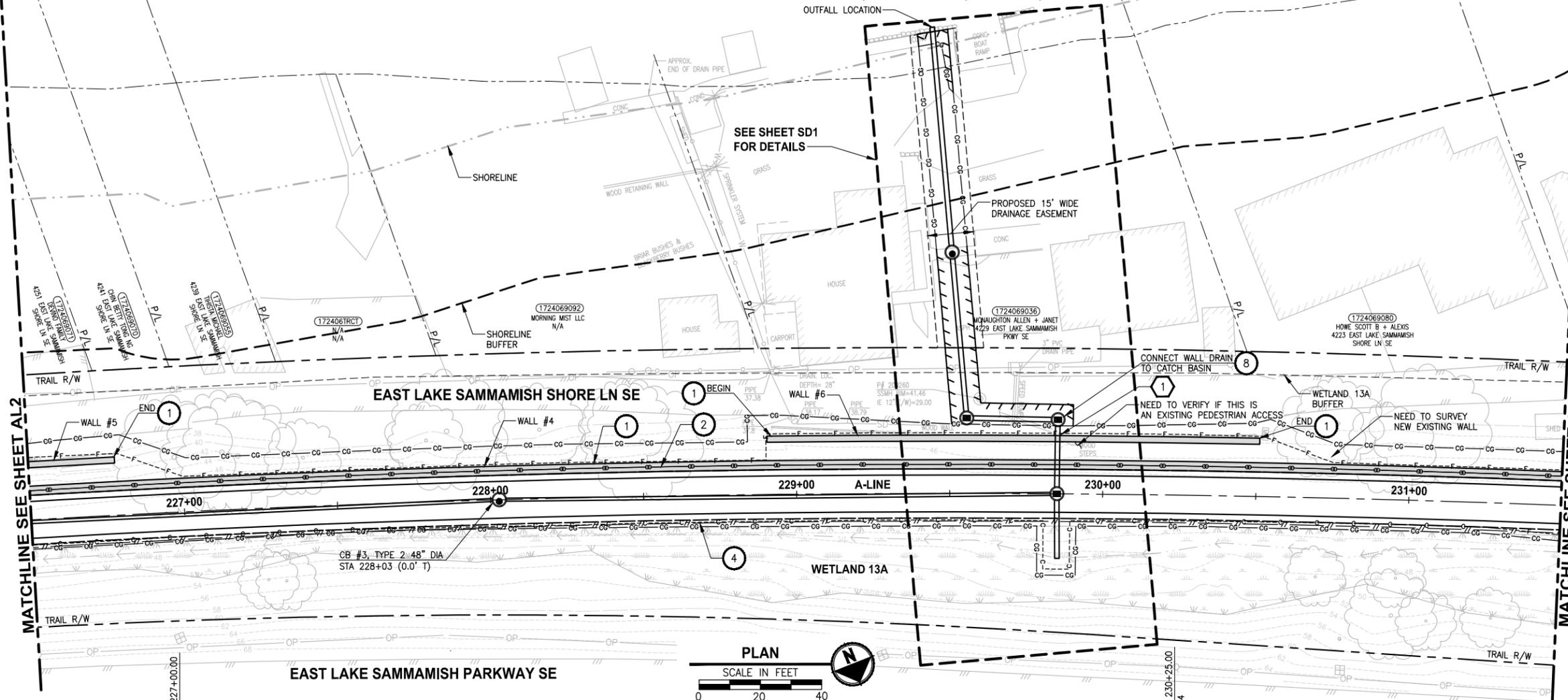
PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
27 OF 57
AL2

PATH: U:\Ball\Projects\Clients\1521-King_City\554-1521-075-ELST\98\SS\CA\Phase 20\Task 03\DWG\ PLOTTED BY: purganub DATE: Tuesday, July 29, 2014 5:08:28 PM LAYOUT: AL3

SEC'S 8, 17 TWP. 24 N., RGE. 06 E, W.M.



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

- CIVIL CONSTRUCTION NOTES:**
- INSTALL STRUCTURAL EARTH WALL. SEE WALL DETAILS ON SHEET WD1. 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 WD1 FOR INSTALLATION ON TOP OF WALL.
 - INSTALL SALVAGED CHAIN LINK CANTILEVER GATE, SEE DETAIL ON SHEET MD2.
 - INSTALL SPLIT RAIL FENCE, SEE DETAILS ON SHEET MD3.
 - INSTALL PATTERNED CONCRETE DRIVEWAY, SEE DETAILS ON SHEET MD2 AND DP SHEETS.
 - INSTALL CONCRETE STAIRS AND PEDESTRIAN HANDRAIL. SEE DETAILS ON SHEET MD3.
 - INSTALL PVC SLEEVE 4 IN. DIA FOR GAS LINE.
 - WALL DRAIN OUTFALL LOCATION.
 - CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER WSDOT STD PLAN F-10.12-02.
 - PARALLEL CURB RAMP PER WSDOT STD PLAN F-40.12-02.
 - INSTALL EXTRUDED CURB TYPE 5 PER WSDOT STD PLAN F-10.42-00.
 - INSTALL ASPHALT BUMP FOR DRAINAGE. SEE DETAIL ON SHEET MD3.

- STORMWATER CONSTRUCTION NOTES:**
- CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1. SEE WALL PROFILE ON WP SHEETS FOR WALL #2.
 - QUARRY SPALL OUTFALL PROTECTION, SEE DETAIL 2 ON SHEET DD1.
 - NOT USED.
 - INFILTRATION TRENCH, SEE DETAIL 3 ON SHEET DD1.

- LEGEND:**
- CEMENT CONCRETE SIDEWALK
 - DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-01.

- GENERAL NOTES:**
- SEE DP SHEETS FOR DRIVEWAY PLAN AND PROFILE.
 - SEE SD AND DD SHEETS FOR GENERAL NOTES RELATED TO STORM DRAIN STRUCTURES AND PIPES.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

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REVISIONS	DATE	BY	DESIGNED
			J. JUN / C. BUITRAGO
			B. PURGANAN
			CHECKED Y. HO
			APPROVED

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FILE NAME: BL1521075P20T03AL-01
JOB No: 554-1521-075 P20T03
DATE: JULY 2014

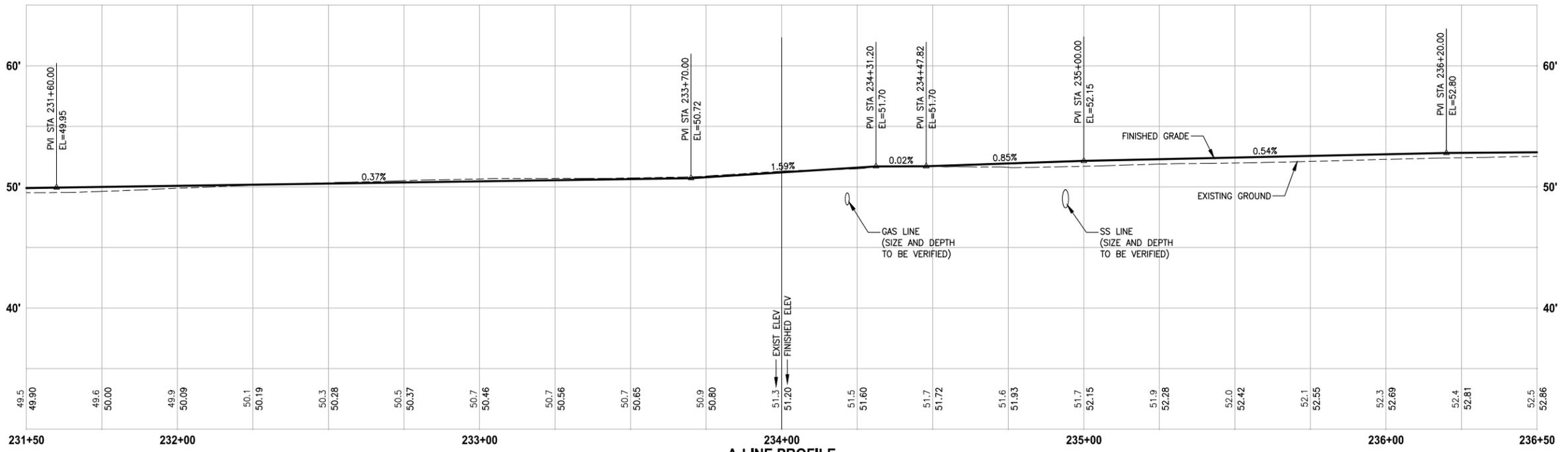
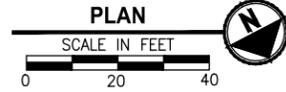
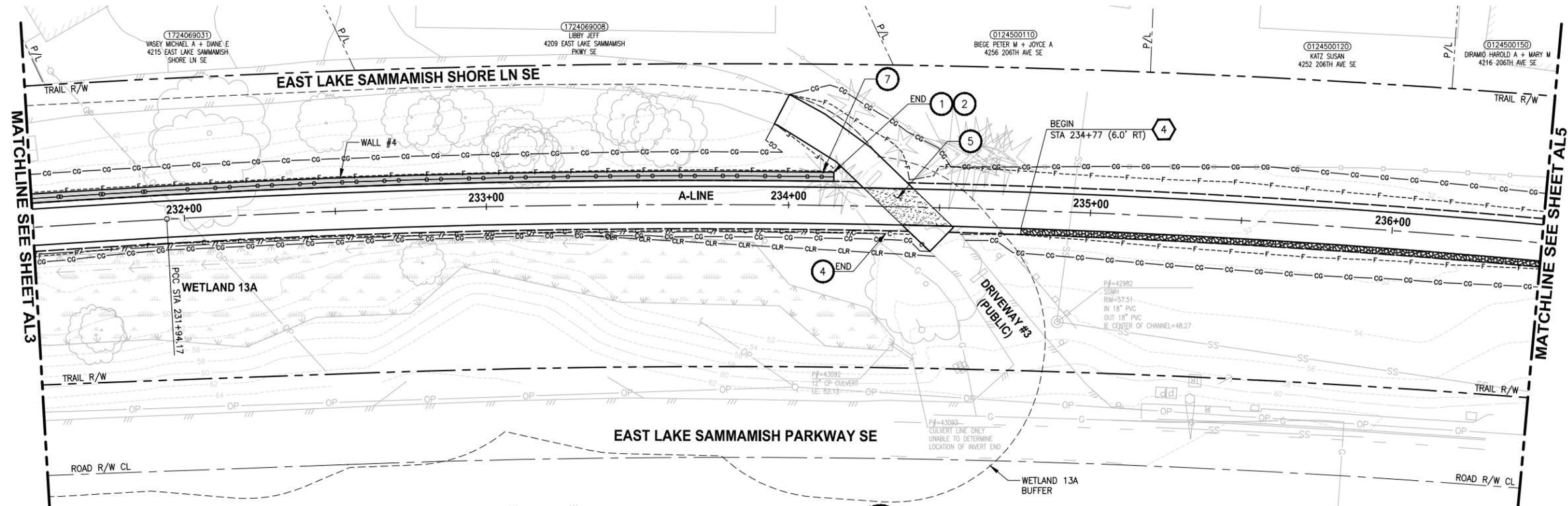


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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
28 OF 57
AL3



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

- CIVIL CONSTRUCTION NOTES:**
1. INSTALL STRUCTURAL EARTH WALL. SEE WALL DETAILS ON SHEET WD1. SEE WALL PROFILES ON WP SHEETS.
 2. INSTALL COATED CHAIN LINK FENCE TYPE 6. FOR GROUND POST INSTALLATION SEE APPENDIX B IN THE SPECIFICATIONS. SEE SHEET WD1 FOR INSTALLATION ON TOP OF WALL.
 3. INSTALL SALVAGED CHAIN LINK CANTILEVER GATE, SEE DETAIL ON SHEET MD2.
 4. INSTALL SPLIT RAIL FENCE, SEE DETAILS ON SHEET MD3.
 5. INSTALL PATTERNED CONCRETE DRIVEWAY, SEE DETAILS ON SHEET MD2 AND DP SHEETS.
 6. INSTALL CONCRETE STAIRS AND PEDESTRIAN HANDRAIL. SEE DETAILS ON SHEET MD3.
 7. INSTALL PVC SLEEVE 4 IN. DIA FOR GAS LINE.
 8. WALL DRAIN OUTFALL LOCATION.
 9. CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER WSDOT STD PLAN F-10.12-02.
 10. PARALLEL CURB RAMP PER WSDOT STD PLAN F-40.12-02.
 11. INSTALL EXTRUDED CURB TYPE 5 PER WSDOT STD PLAN F-10.42-00.
 12. INSTALL ASPHALT BUMP FOR DRAINAGE. SEE DETAIL ON SHEET MD3.

- STORMWATER CONSTRUCTION NOTES:**
1. CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1. SEE WALL PROFILE ON WP SHEETS FOR WALL #2.
 2. QUARRY SPALL OUTFALL PROTECTION, SEE DETAIL 2 ON SHEET DD1.
 3. NOT USED.
 4. INFILTRATION TRENCH, SEE DETAIL 3 ON SHEET DD1.

- LEGEND:**
- [Pattern] CEMENT CONCRETE SIDEWALK
 - [Pattern] DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-01.

- GENERAL NOTES:**
1. SEE DP SHEETS FOR DRIVEWAY PLAN AND PROFILE.
 2. SEE SD AND DD SHEETS FOR GENERAL NOTES RELATED TO STORM DRAIN STRUCTURES AND PIPES.

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

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LAYOUT: AL4 PATH: U:\Ball\Projects\Clients\1521-King_City\554-1521-075-ELST\98\West\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgaban DATE: Tuesday, July 29, 2014 4:32:57 PM

REVISIONS	DATE	BY	DESIGNED
			J. JUN
			B. PURGANAN
			Y. HO
			APPROVED

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FILE NAME: BL1521075P20T03AL-01
JOB No.: 554-1521-075 P20T03
DATE: JULY 2014



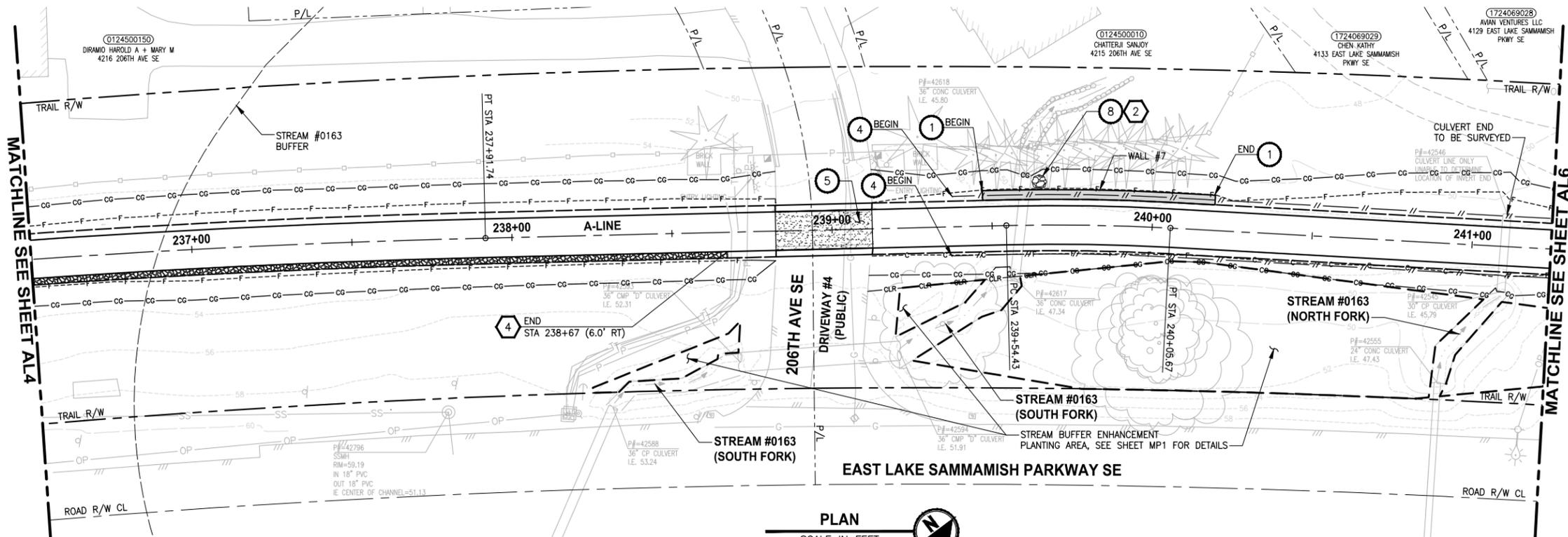
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
29 OF 57
AL4

SEC'S 8, 17 TWP. 24 N., RGE. 06 E, W.M.

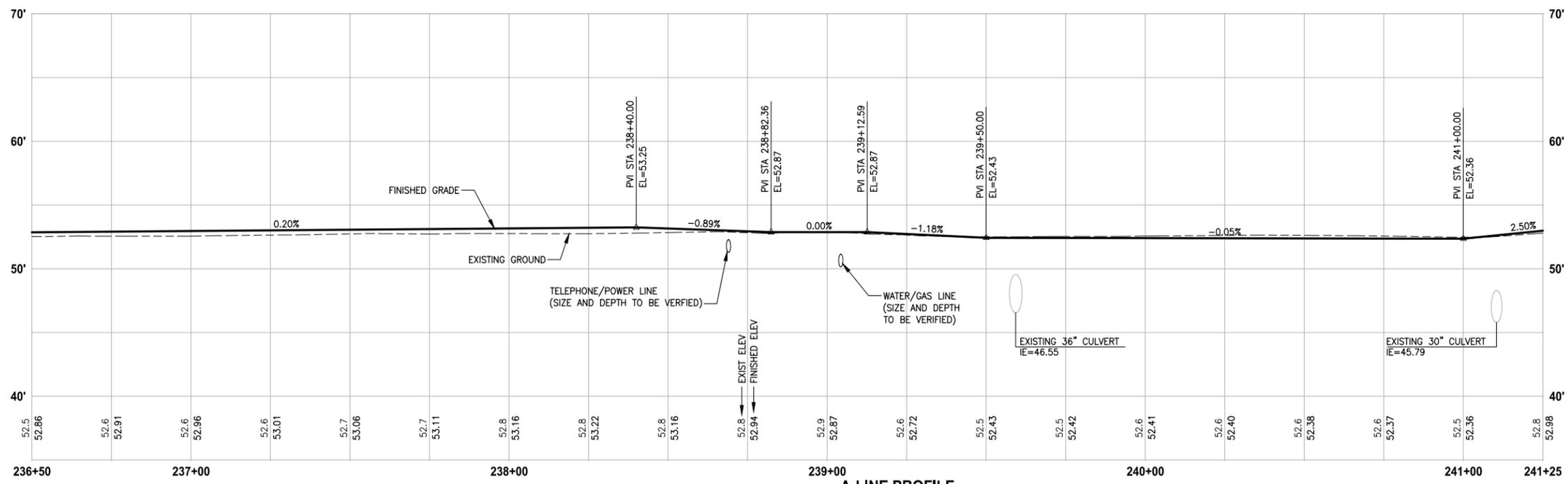


- CIVIL CONSTRUCTION NOTES:**
1. INSTALL STRUCTURAL EARTH WALL. SEE WALL DETAILS ON SHEET WD1. SEE WALL PROFILES ON WP SHEETS.
 2. INSTALL COATED CHAIN LINK FENCE TYPE 6. FOR GROUND POST INSTALLATION SEE APPENDIX B IN THE SPECIFICATIONS. SEE SHEET WD1 FOR INSTALLATION ON TOP OF WALL.
 3. INSTALL SALVAGED CHAIN LINK CANTILEVER GATE, SEE DETAIL ON SHEET MD2.
 4. INSTALL SPLIT RAIL FENCE, SEE DETAILS ON SHEET MD3.
 5. INSTALL PATTERNED CONCRETE DRIVEWAY, SEE DETAILS ON SHEET MD2 AND DP SHEETS.
 6. INSTALL CONCRETE STAIRS AND PEDESTRIAN HANDRAIL. SEE DETAILS ON SHEET MD3.
 7. INSTALL PVC SLEEVE 4 IN. DIA FOR GAS LINE.
 8. WALL DRAIN OUTFALL LOCATION.
 9. CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER WSDOT STD PLAN F-10.12-02.
 10. PARALLEL CURB RAMP PER WSDOT STD PLAN F-40.12-02.
 11. INSTALL EXTRUDED CURB TYPE 5 PER WSDOT STD PLAN F-10.42-00.
 12. INSTALL ASPHALT BUMP FOR DRAINAGE. SEE DETAIL ON SHEET MD3.

- STORMWATER CONSTRUCTION NOTES:**
1. CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1. SEE WALL PROFILE ON WP SHEETS FOR WALL #2.
 2. QUARRY SPALL OUTFALL PROTECTION, SEE DETAIL 2 ON SHEET DD1.
 3. NOT USED.
 4. INFILTRATION TRENCH, SEE DETAIL 3 ON SHEET DD1.

- LEGEND:**
- [Pattern] CEMENT CONCRETE SIDEWALK
 - [Pattern] DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-01.

- GENERAL NOTES:**
1. SEE DP SHEETS FOR DRIVEWAY PLAN AND PROFILE.
 2. SEE SD AND DD SHEETS FOR GENERAL NOTES RELATED TO STORM DRAIN STRUCTURES AND PIPES.



A-LINE PROFILE

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

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

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LAYOUT: AL5 PATH: U:\Ball\Projects\Clients\1521-King_City\554-1521-075-ELST\98\Sves\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Tuesday, July 29, 2014 4:33:11 PM

REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
			J. JUN	B. PURGANAN	Y. HO	

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FILE NAME: BL1521075P20T03AL-01
JOB No: 554-1521-075 P20T03
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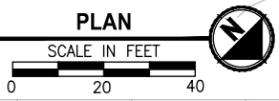
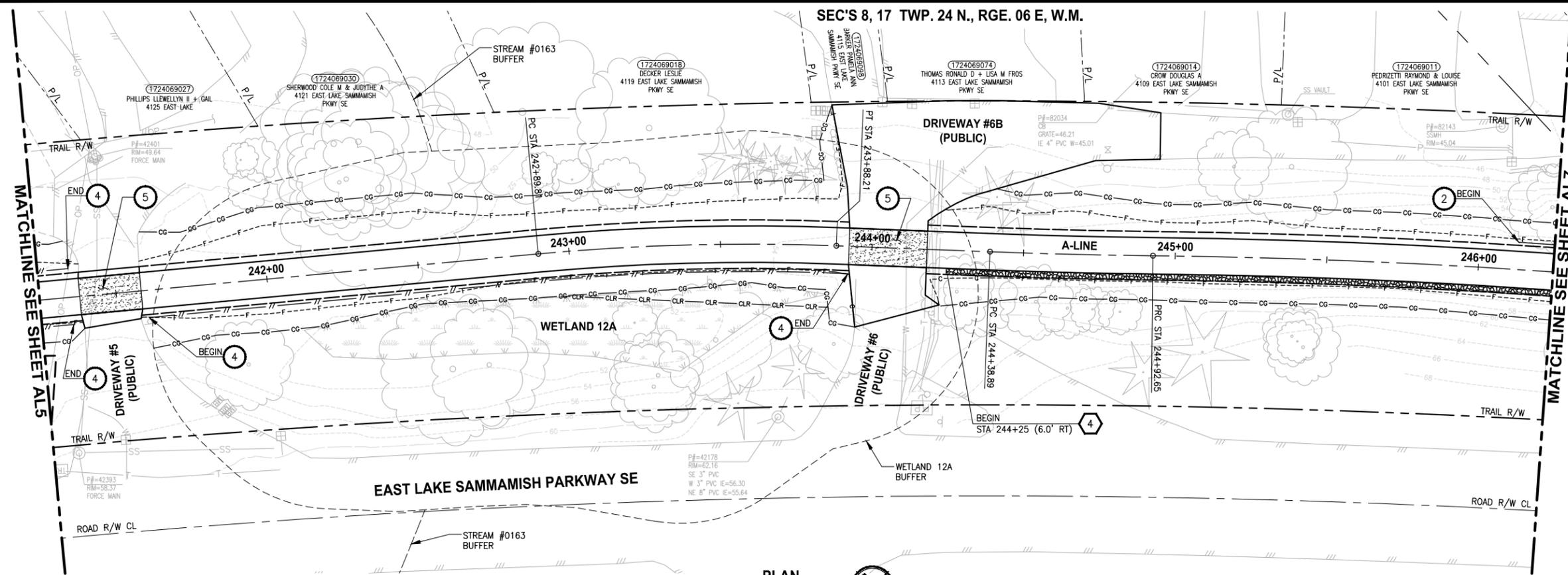
PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
30 OF 57
AL5

PATH: U:\Ball\Projects\Clients\1521-075-ELST\98\SS\CA\Phase 20\Task 03.DWG) PLOTTED BY: purgabut DATE: Tuesday, July 29, 2014 4:33:27 PM LAYOUT: AL6

SEC'S 8, 17 TWP. 24 N., RGE. 06 E, W.M.

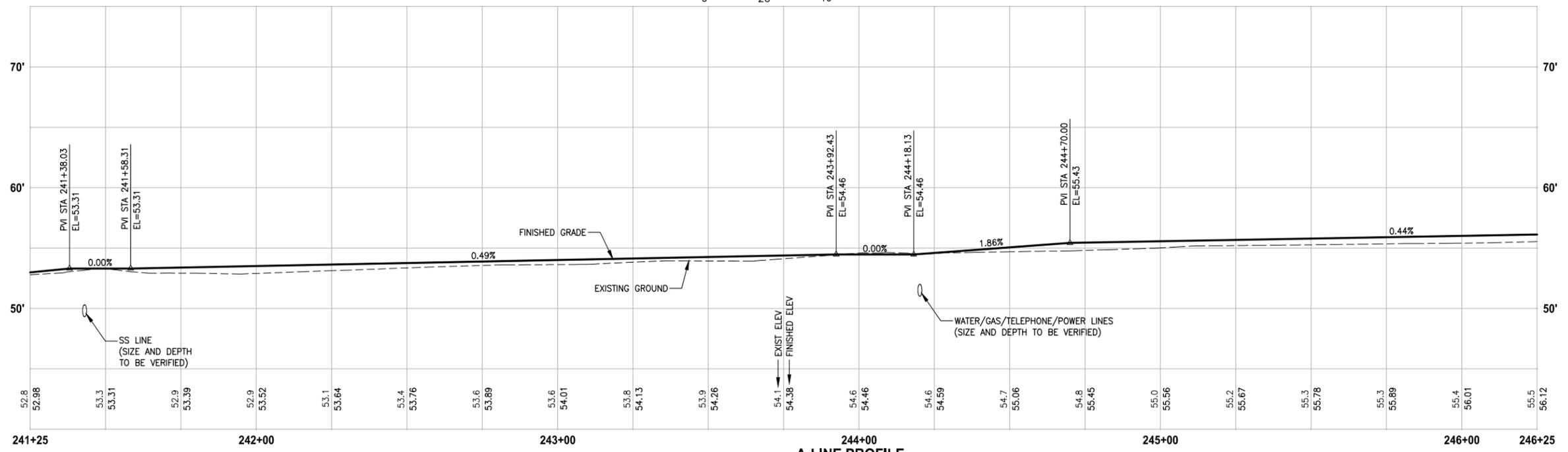


- CIVIL CONSTRUCTION NOTES:**
1. INSTALL STRUCTURAL EARTH WALL. SEE WALL DETAILS ON SHEET WD1. SEE WALL PROFILES ON WP SHEETS.
 2. INSTALL COATED CHAIN LINK FENCE TYPE 6. FOR GROUND POST INSTALLATION SEE APPENDIX B IN THE SPECIFICATIONS. SEE SHEET WD1 FOR INSTALLATION ON TOP OF WALL.
 3. INSTALL SALVAGED CHAIN LINK CANTILEVER GATE, SEE DETAIL ON SHEET MD2.
 4. INSTALL SPLIT RAIL FENCE, SEE DETAILS ON SHEET MD3.
 5. INSTALL PATTERNED CONCRETE DRIVEWAY, SEE DETAILS ON SHEET MD2 AND DP SHEETS.
 6. INSTALL CONCRETE STAIRS AND PEDESTRIAN HANDRAIL. SEE DETAILS ON SHEET MD3.
 7. INSTALL PVC SLEEVE 4 IN. DIA FOR GAS LINE.
 8. WALL DRAIN OUTFALL LOCATION.
 9. CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER WSDOT STD PLAN F-10.12-02.
 10. PARALLEL CURB RAMP PER WSDOT STD PLAN F-40.12-02.
 11. INSTALL EXTRUDED CURB TYPE 5 PER WSDOT STD PLAN F-10.42-00.
 12. INSTALL ASPHALT BUMP FOR DRAINAGE. SEE DETAIL ON SHEET MD3.

- STORMWATER CONSTRUCTION NOTES:**
1. CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1. SEE WALL PROFILE ON WP SHEETS FOR WALL #2.
 2. QUARRY SPALL OUTFALL PROTECTION, SEE DETAIL 2 ON SHEET DD1.
 3. NOT USED.
 4. INFILTRATION TRENCH, SEE DETAIL 3 ON SHEET DD1.

- LEGEND:**
- [Pattern] CEMENT CONCRETE SIDEWALK
 - [Pattern] DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-01.

- GENERAL NOTES:**
1. SEE DP SHEETS FOR DRIVEWAY PLAN AND PROFILE.
 2. SEE SD AND DD SHEETS FOR GENERAL NOTES RELATED TO STORM DRAIN STRUCTURES AND PIPES.



A-LINE PROFILE

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

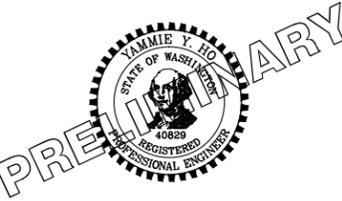
CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

**60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			J. JUN
			B. PURGANAN
			Y. HO
			APPROVED

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

FILE NAME: BL1521075P20T03AL-01
JOB No: 554-1521-075 P20T03
DATE: JULY 2014



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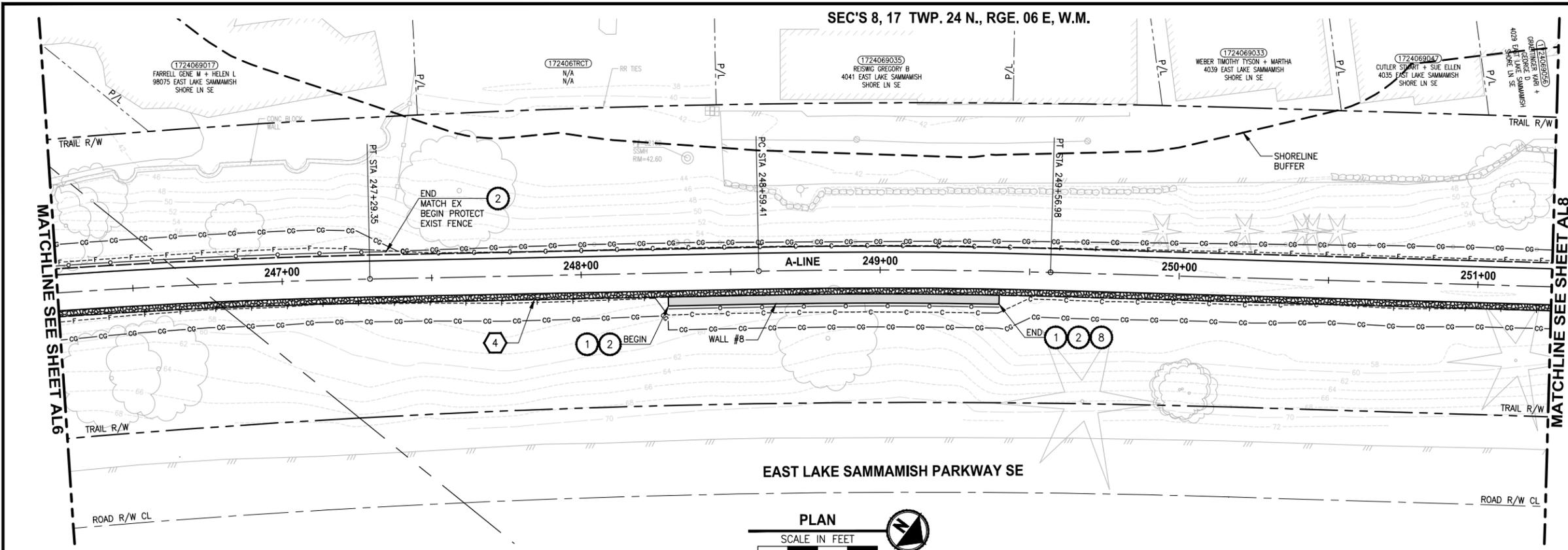
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PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A**
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
31 OF 57
AL6

PATH: U:\Ball\Projects\Clients\1521-075-ELST\95\Sves\CADD\Phase 20\Task 03.DWG) PLOTTED BY: purganub DATE: Tuesday, July 29, 2014 4:33:42 PM LAYOUT: AL7

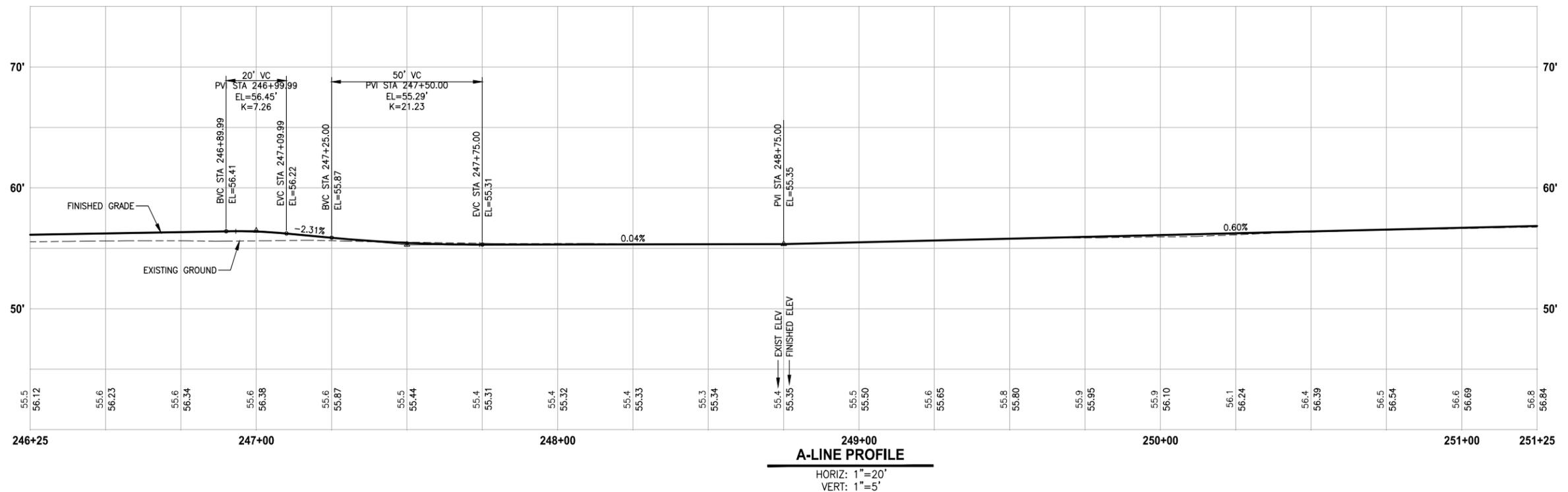


- CIVIL CONSTRUCTION NOTES:**
1. INSTALL STRUCTURAL EARTH WALL. SEE WALL DETAILS ON SHEET WD1. SEE WALL PROFILES ON WP SHEETS.
 2. INSTALL COATED CHAIN LINK FENCE TYPE 6. FOR GROUND POST INSTALLATION SEE APPENDIX B IN THE SPECIFICATIONS. SEE SHEET WD1 FOR INSTALLATION ON TOP OF WALL.
 3. INSTALL SALVAGED CHAIN LINK CANTILEVER GATE, SEE DETAIL ON SHEET MD2.
 4. INSTALL SPLIT RAIL FENCE, SEE DETAILS ON SHEET MD3.
 5. INSTALL PATTERNED CONCRETE DRIVEWAY, SEE DETAILS ON SHEET MD2 AND DP SHEETS.
 6. INSTALL CONCRETE STAIRS AND PEDESTRIAN HANDRAIL. SEE DETAILS ON SHEET MD3.
 7. INSTALL PVC SLEEVE 4 IN. DIA FOR GAS LINE.
 8. WALL DRAIN OUTFALL LOCATION.
 9. CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER WSDOT STD PLAN F-10.12-02.
 10. PARALLEL CURB RAMP PER WSDOT STD PLAN F-40.12-02.
 11. INSTALL EXTRUDED CURB TYPE 5 PER WSDOT STD PLAN F-10.42-00.
 12. INSTALL ASPHALT BUMP FOR DRAINAGE. SEE DETAIL ON SHEET MD3.

- STORMWATER CONSTRUCTION NOTES:**
1. CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1. SEE WALL PROFILE ON WP SHEETS FOR WALL #2.
 2. QUARRY SPALL OUTFALL PROTECTION, SEE DETAIL 2 ON SHEET DD1.
 3. NOT USED.
 4. INFILTRATION TRENCH, SEE DETAIL 3 ON SHEET DD1.

- LEGEND:**
- [Pattern] CEMENT CONCRETE SIDEWALK
 - [Pattern] DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-01.

- GENERAL NOTES:**
1. SEE DP SHEETS FOR DRIVEWAY PLAN AND PROFILE.
 2. SEE SD AND DD SHEETS FOR GENERAL NOTES RELATED TO STORM DRAIN STRUCTURES AND PIPES.



CITY OF SAMMAMISH APPROVAL

City Engineer _____	Date _____
Community Development _____	Date _____

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NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			J. JUN
			B. PURGANAN
			Y. HO
			APPROVED

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FILE NAME: BL1521075P20T03AL-01

JOB No: 554-1521-075 P20T03

DATE: JULY 2014



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PROJECT NAME

EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT A

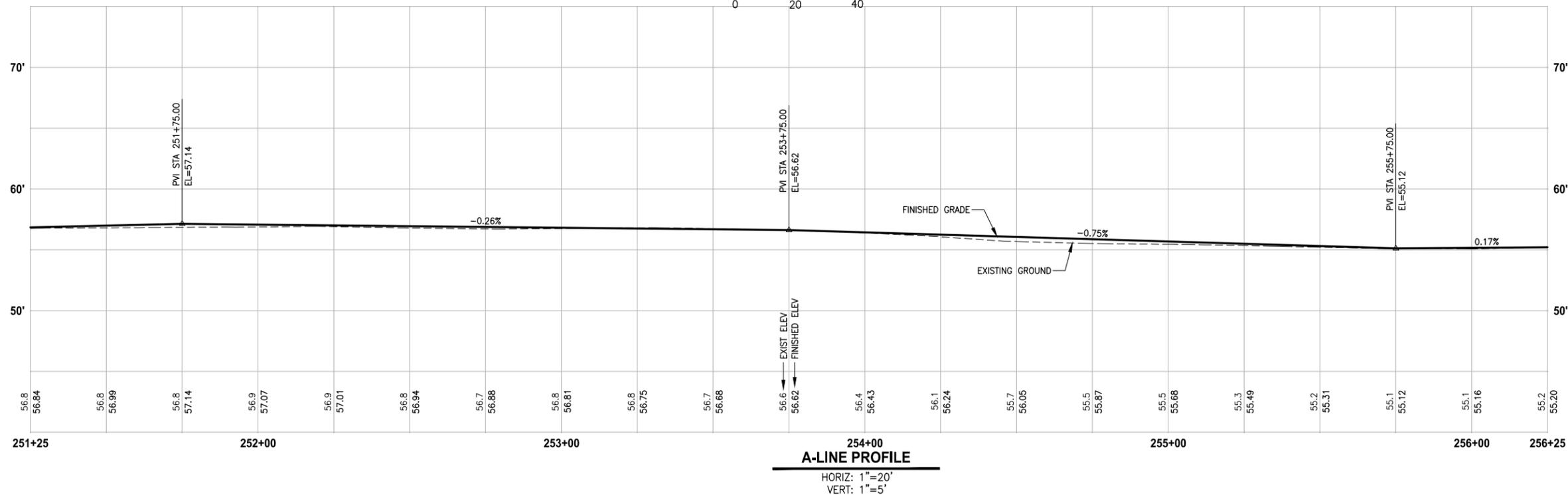
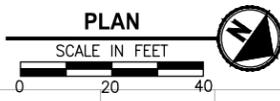
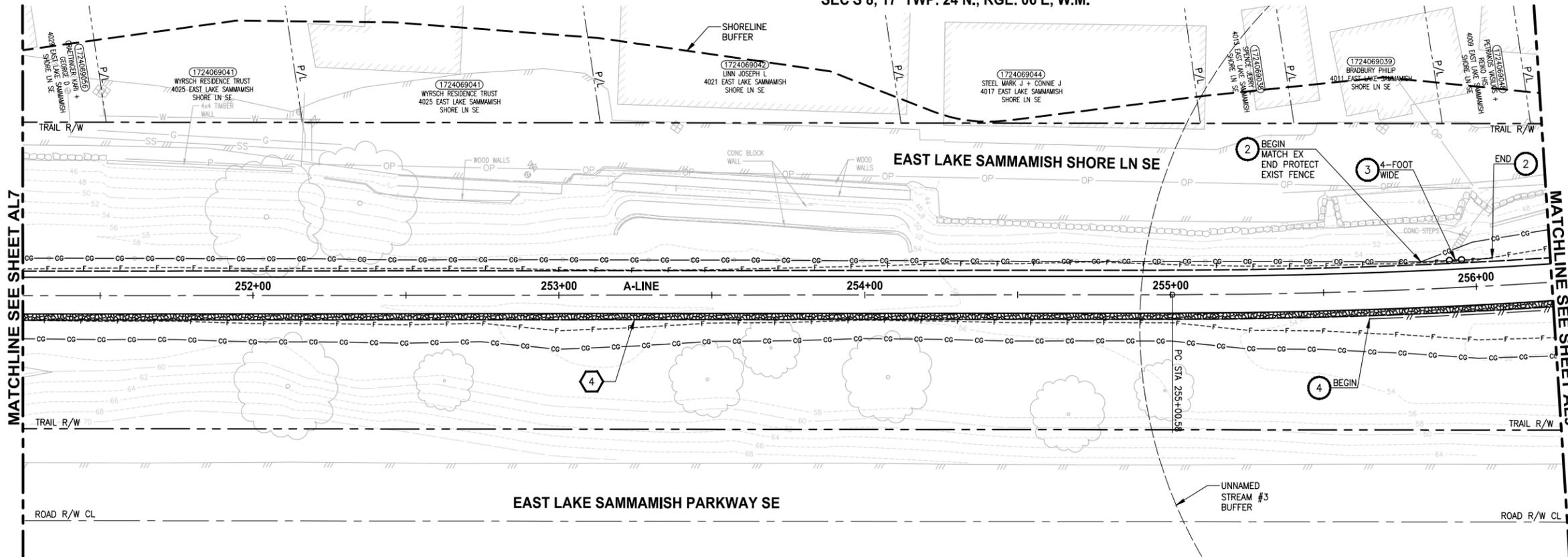
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO. 32 OF 57

AL7

SEC'S 8, 17 TWP. 24 N., RGE. 06 E, W.M.



CIVIL CONSTRUCTION NOTES:

1. INSTALL STRUCTURAL EARTH WALL. SEE WALL DETAILS ON SHEET WD1. SEE WALL PROFILES ON WP SHEETS.
2. INSTALL COATED CHAIN LINK FENCE TYPE 6. FOR GROUND POST INSTALLATION SEE APPENDIX B IN THE SPECIFICATIONS. SEE SHEET WD1 FOR INSTALLATION ON TOP OF WALL.
3. INSTALL SALVAGED CHAIN LINK CANTILEVER GATE, SEE DETAIL ON SHEET MD2.
4. INSTALL SPLIT RAIL FENCE, SEE DETAILS ON SHEET MD3.
5. INSTALL PATTERNED CONCRETE DRIVEWAY, SEE DETAILS ON SHEET MD2 AND DP SHEETS.
6. INSTALL CONCRETE STAIRS AND PEDESTRIAN HANDRAIL. SEE DETAILS ON SHEET MD3.
7. INSTALL PVC SLEEVE 4 IN. DIA FOR GAS LINE.
8. WALL DRAIN OUTFALL LOCATION.
9. CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER WSDOT STD PLAN F-10.12-02.
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11. INSTALL EXTRUDED CURB TYPE 5 PER WSDOT STD PLAN F-10.42-00.
12. INSTALL ASPHALT BUMP FOR DRAINAGE. SEE DETAIL ON SHEET MD3.

STORMWATER CONSTRUCTION NOTES:

1. CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1. SEE WALL PROFILE ON WP SHEETS FOR WALL #2.
2. QUARRY SPALL OUTFALL PROTECTION, SEE DETAIL 2 ON SHEET DD1.
3. NOT USED.
4. INFILTRATION TRENCH, SEE DETAIL 3 ON SHEET DD1.

LEGEND:

- CEMENT CONCRETE SIDEWALK
- DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-01.

GENERAL NOTES:

1. SEE DP SHEETS FOR DRIVEWAY PLAN AND PROFILE.
2. SEE SD AND DD SHEETS FOR GENERAL NOTES RELATED TO STORM DRAIN STRUCTURES AND PIPES.

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

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LAYOUT: ALB PATH: U:\Ball\Projects\Clients\1521-King_City\554-1521-075-ELST\98\Sheet\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Tuesday, July 29, 2014 4:33:57 PM

REVISIONS	DATE	BY	DESIGNED
			J. JUN
			B. PURGANAN
			Y. HO
			APPROVED

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FILE NAME
BL1521075P20T03AL-01
JOB No.
554-1521-075 P20T03
DATE
JULY 2014



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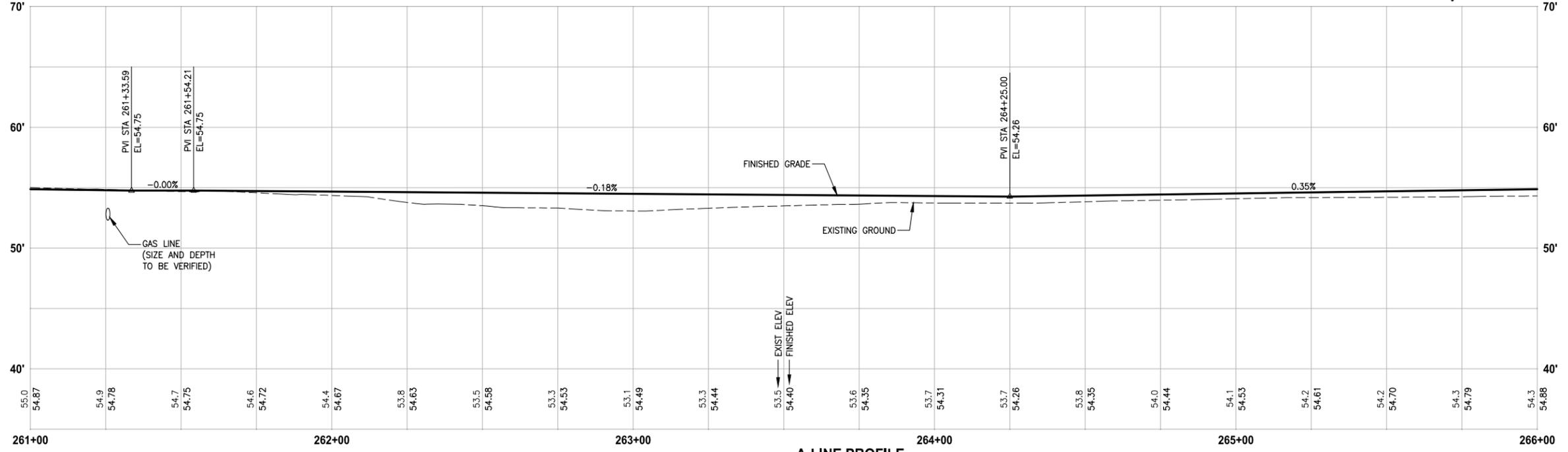
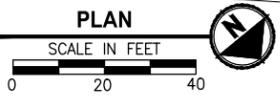
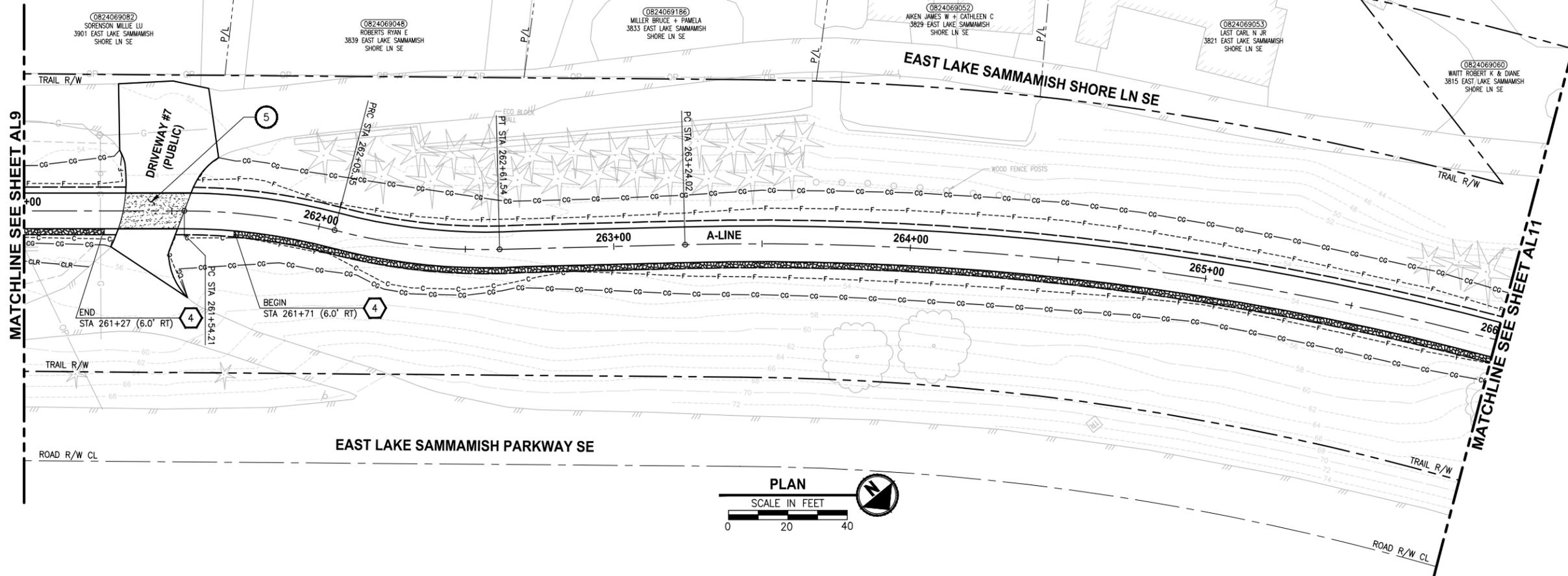
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PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A**
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
33 OF 57
AL8

SEC'S 8, 17 TWP. 24 N., RGE. 06 E, W.M.



A-LINE PROFILE

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

CIVIL CONSTRUCTION NOTES:

- 1 INSTALL STRUCTURAL EARTH WALL. SEE WALL DETAILS ON SHEET WD1. SEE WALL PROFILES ON WP SHEETS.
- 2 INSTALL COATED CHAIN LINK FENCE TYPE 6. FOR GROUND POST INSTALLATION SEE APPENDIX B IN THE SPECIFICATIONS. SEE SHEET WD1 FOR INSTALLATION ON TOP OF WALL.
- 3 INSTALL SALVAGED CHAIN LINK CANTILEVER GATE, SEE DETAIL ON SHEET MD2.
- 4 INSTALL SPLIT RAIL FENCE, SEE DETAILS ON SHEET MD3.
- 5 INSTALL PATTERNED CONCRETE DRIVEWAY, SEE DETAILS ON SHEET MD2 AND DP SHEETS.
- 6 INSTALL CONCRETE STAIRS AND PEDESTRIAN HANDRAIL. SEE DETAILS ON SHEET MD3.
- 7 INSTALL PVC SLEEVE 4 IN. DIA FOR GAS LINE.
- 8 WALL DRAIN OUTFALL LOCATION.
- 9 CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER WSDOT STD PLAN F-10.12-02.
- 10 PARALLEL CURB RAMP PER WSDOT STD PLAN F-40.12-02.
- 11 INSTALL EXTRUDED CURB TYPE 5 PER WSDOT STD PLAN F-10.42-00.
- 12 INSTALL ASPHALT BUMP FOR DRAINAGE. SEE DETAIL ON SHEET MD3.

STORMWATER CONSTRUCTION NOTES:

- 1 CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1. SEE WALL PROFILE ON WP SHEETS FOR WALL #2.
- 2 QUARRY SPALL OUTFALL PROTECTION, SEE DETAIL 2 ON SHEET DD1.
- 3 NOT USED.
- 4 INFILTRATION TRENCH, SEE DETAIL 3 ON SHEET DD1.

LEGEND:

- CEMENT CONCRETE SIDEWALK
- DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-01.

GENERAL NOTES:

1. SEE DP SHEETS FOR DRIVEWAY PLAN AND PROFILE.
2. SEE SD AND DD SHEETS FOR GENERAL NOTES RELATED TO STORM DRAIN STRUCTURES AND PIPES.

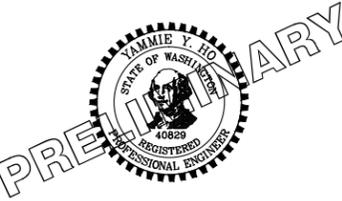
CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

60 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			J. JUN
			B. PURGANAN
			Y. HO
			APPROVED

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FILE NAME: BL1521075P20T03AL-01
JOB No: 554-1521-075 P20T03
DATE: JULY 2014



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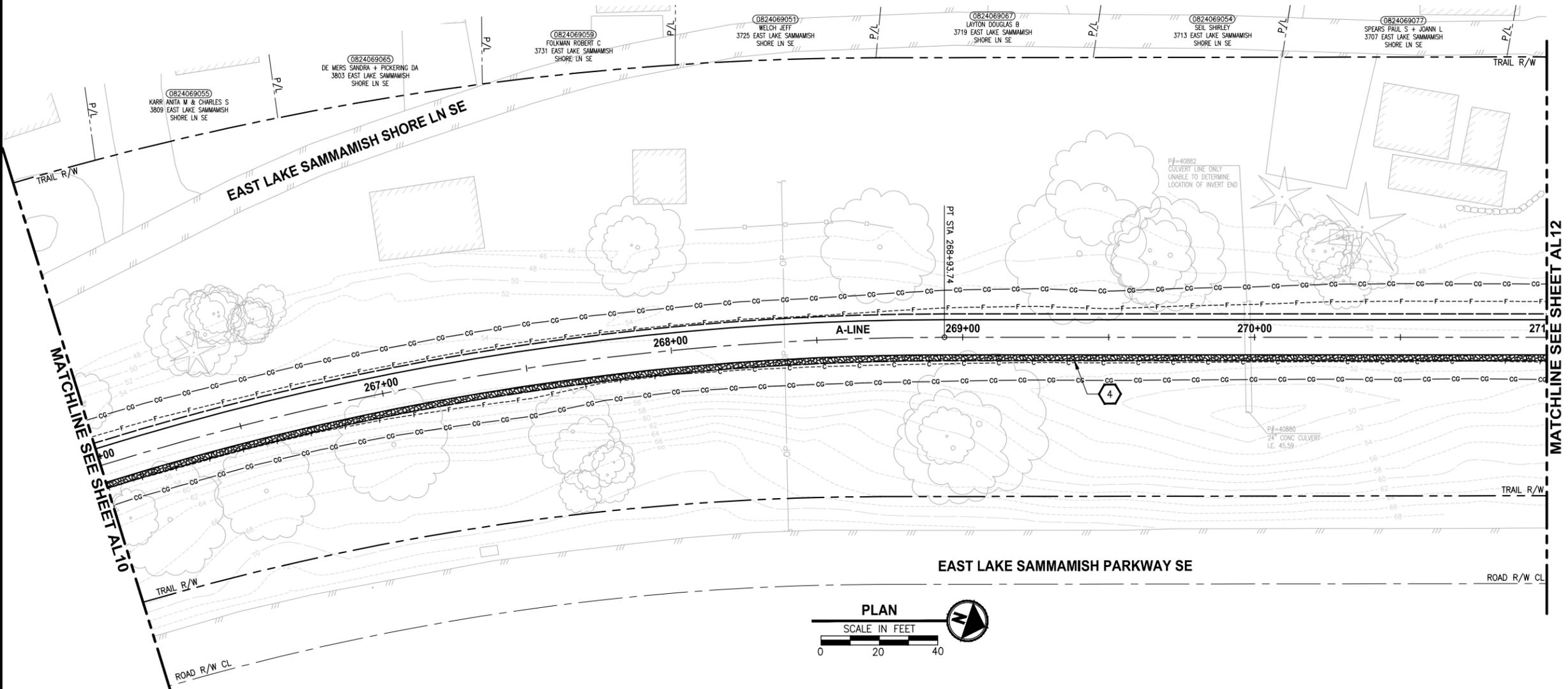
PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
35 OF 57
AL10

LAYOUT: AL10 PATH: U:\Bell\Projects\Clients\1521-King_City\554-1521-075-ELST\99Secs\CADD\Phase 20\Task_03\DWG\ PLOTTED BY: purganan DATE: Tuesday, July 29, 2014 4:34:27 PM

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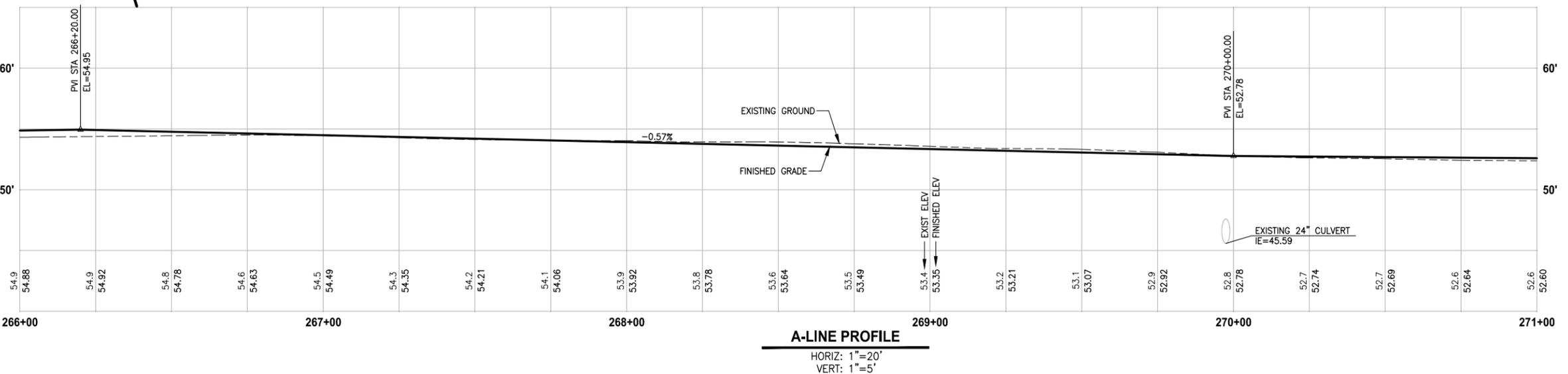


- CIVIL CONSTRUCTION NOTES:**
1. INSTALL STRUCTURAL EARTH WALL. SEE WALL DETAILS ON SHEET WD1. SEE WALL PROFILES ON WP SHEETS.
 2. INSTALL COATED CHAIN LINK FENCE TYPE 6. FOR GROUND POST INSTALLATION SEE APPENDIX B IN THE SPECIFICATIONS. SEE SHEET WD1 FOR INSTALLATION ON TOP OF WALL.
 3. INSTALL SALVAGED CHAIN LINK CANTILEVER GATE, SEE DETAIL ON SHEET MD2.
 4. INSTALL SPLIT RAIL FENCE, SEE DETAILS ON SHEET MD3.
 5. INSTALL PATTERNED CONCRETE DRIVEWAY, SEE DETAILS ON SHEET MD2 AND DP SHEETS.
 6. INSTALL CONCRETE STAIRS AND PEDESTRIAN HANDRAIL. SEE DETAILS ON SHEET MD3.
 7. INSTALL PVC SLEEVE 4 IN. DIA FOR GAS LINE.
 8. WALL DRAIN OUTFALL LOCATION.
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 12. INSTALL ASPHALT BUMP FOR DRAINAGE. SEE DETAIL ON SHEET MD3.

- STORMWATER CONSTRUCTION NOTES:**
1. CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1. SEE WALL PROFILE ON WP SHEETS FOR WALL #2.
 2. QUARRY SPALL OUTFALL PROTECTION, SEE DETAIL 2 ON SHEET DD1.
 3. NOT USED.
 4. INFILTRATION TRENCH, SEE DETAIL 3 ON SHEET DD1.

- LEGEND:**
- [Pattern] CEMENT CONCRETE SIDEWALK
 - [Pattern] DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-01.

- GENERAL NOTES:**
1. SEE DP SHEETS FOR DRIVEWAY PLAN AND PROFILE.
 2. SEE SD AND DD SHEETS FOR GENERAL NOTES RELATED TO STORM DRAIN STRUCTURES AND PIPES.



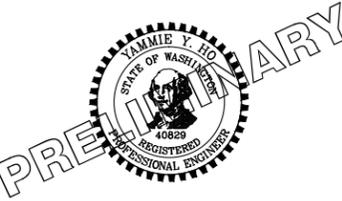
CITY OF SAMMAMISH APPROVAL	
City Engineer _____	Date _____
Community Development _____	Date _____

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REVISIONS	DATE	BY	DESIGNED
			J. JUN
			B. PURGANAN
			Y. HO

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 FILE NAME: BL1521075P20T03AL-01
 JOB No.: 554-1521-075 P20T03
 DATE: JULY 2014



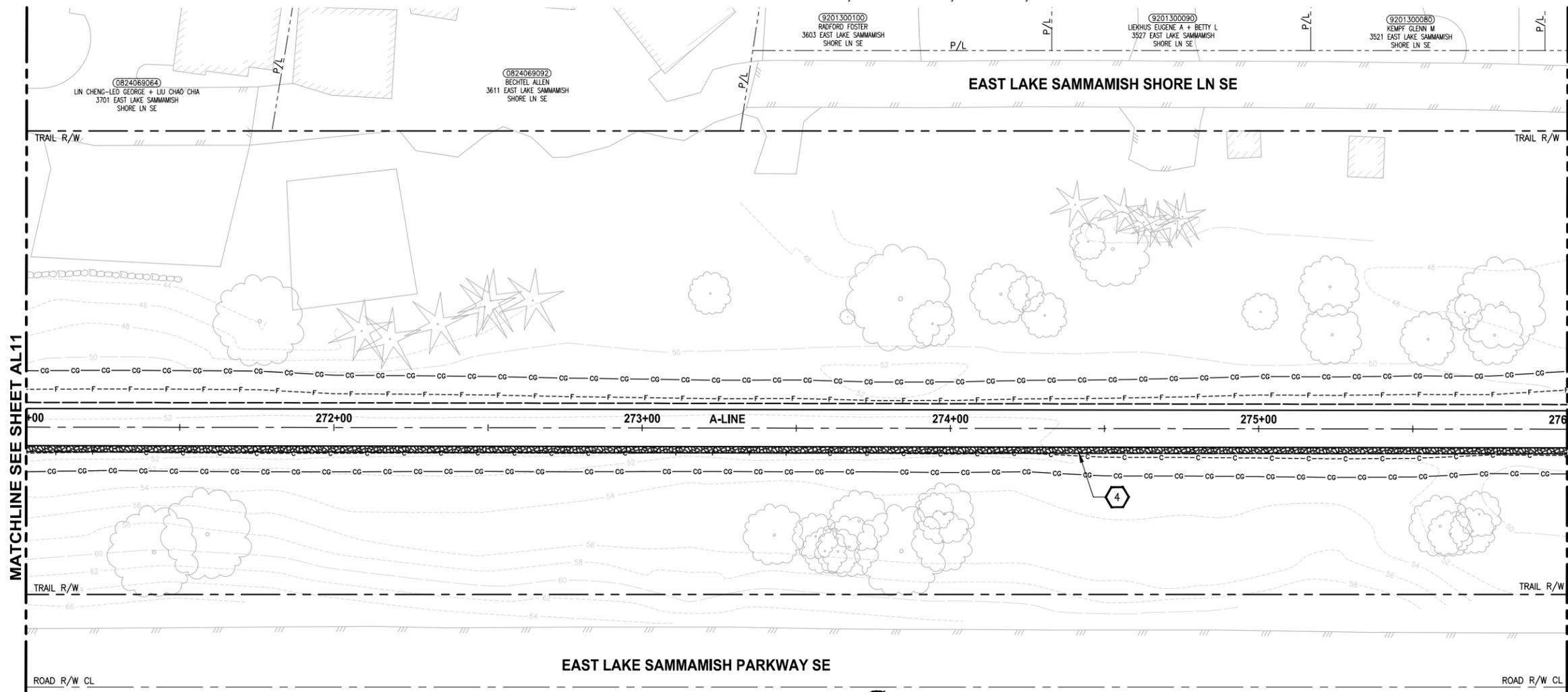
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PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A**
 SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
 36 OF 57
AL11

SEC'S 8, 17 TWP. 24 N., RGE. 06 E, W.M.



CIVIL CONSTRUCTION NOTES:

1. INSTALL STRUCTURAL EARTH WALL. SEE WALL DETAILS ON SHEET WD1. SEE WALL PROFILES ON WP SHEETS.
2. INSTALL COATED CHAIN LINK FENCE TYPE 6. FOR GROUND POST INSTALLATION SEE APPENDIX B IN THE SPECIFICATIONS. SEE SHEET WD1 FOR INSTALLATION ON TOP OF WALL.
3. INSTALL SALVAGED CHAIN LINK CANTILEVER GATE, SEE DETAIL ON SHEET MD2.
4. INSTALL SPLIT RAIL FENCE, SEE DETAILS ON SHEET MD3.
5. INSTALL PATTERNED CONCRETE DRIVEWAY, SEE DETAILS ON SHEET MD2 AND DP SHEETS.
6. INSTALL CONCRETE STAIRS AND PEDESTRIAN HANDRAIL. SEE DETAILS ON SHEET MD3.
7. INSTALL PVC SLEEVE 4 IN. DIA FOR GAS LINE.
8. WALL DRAIN OUTFALL LOCATION.
9. CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER WSDOT STD PLAN F-10.12-02.
10. PARALLEL CURB RAMP PER WSDOT STD PLAN F-40.12-02.
11. INSTALL EXTRUDED CURB TYPE 5 PER WSDOT STD PLAN F-10.42-00.
12. INSTALL ASPHALT BUMP FOR DRAINAGE. SEE DETAIL ON SHEET MD3.

STORMWATER CONSTRUCTION NOTES:

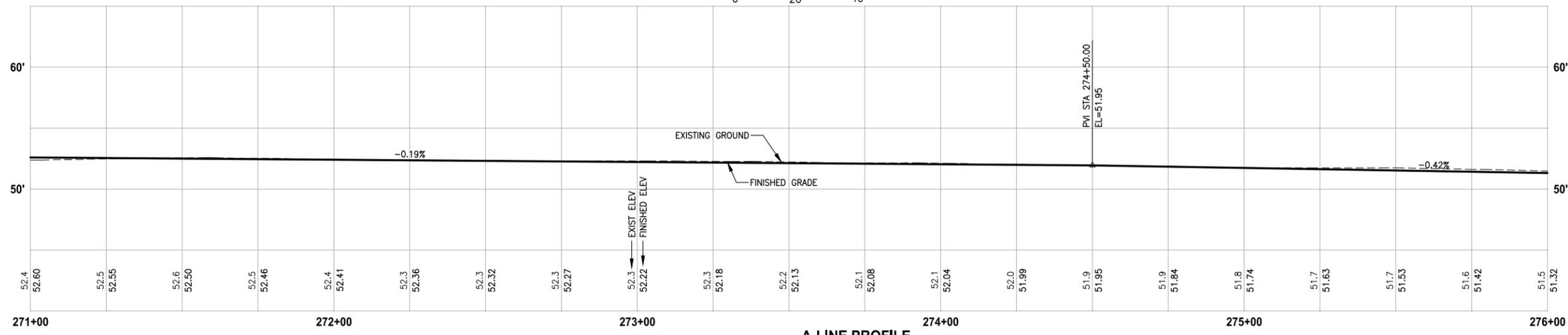
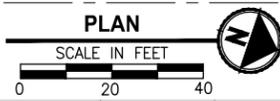
1. CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1. SEE WALL PROFILE ON WP SHEETS FOR WALL #2.
2. QUARRY SPALL OUTFALL PROTECTION, SEE DETAIL 2 ON SHEET DD1.
3. NOT USED.
4. INFILTRATION TRENCH, SEE DETAIL 3 ON SHEET DD1.

LEGEND:

- CEMENT CONCRETE SIDEWALK
- DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-01.

GENERAL NOTES:

1. SEE DP SHEETS FOR DRIVEWAY PLAN AND PROFILE.
2. SEE SD AND DD SHEETS FOR GENERAL NOTES RELATED TO STORM DRAIN STRUCTURES AND PIPES.



A-LINE PROFILE

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

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

60 % REVIEW SUBMITTAL
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LAYOUT: AL12 PATH: U:\Ball\Projects\Clients\1521-King_City\554-1521-075-ELST\99Secs\CADD\Phase 20\Task_03\DWG\ PLOTTED BY: purgaban DATE: Tuesday, July 29, 2014 4:34:57 PM

REVISIONS	DATE	BY	DESIGNED
			J. JUN
			B. PURGANAN
			Y. HO
			APPROVED

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FILE NAME: BL1521075P20T03AL-01
JOB No.: 554-1521-075 P20T03
DATE: JULY 2014



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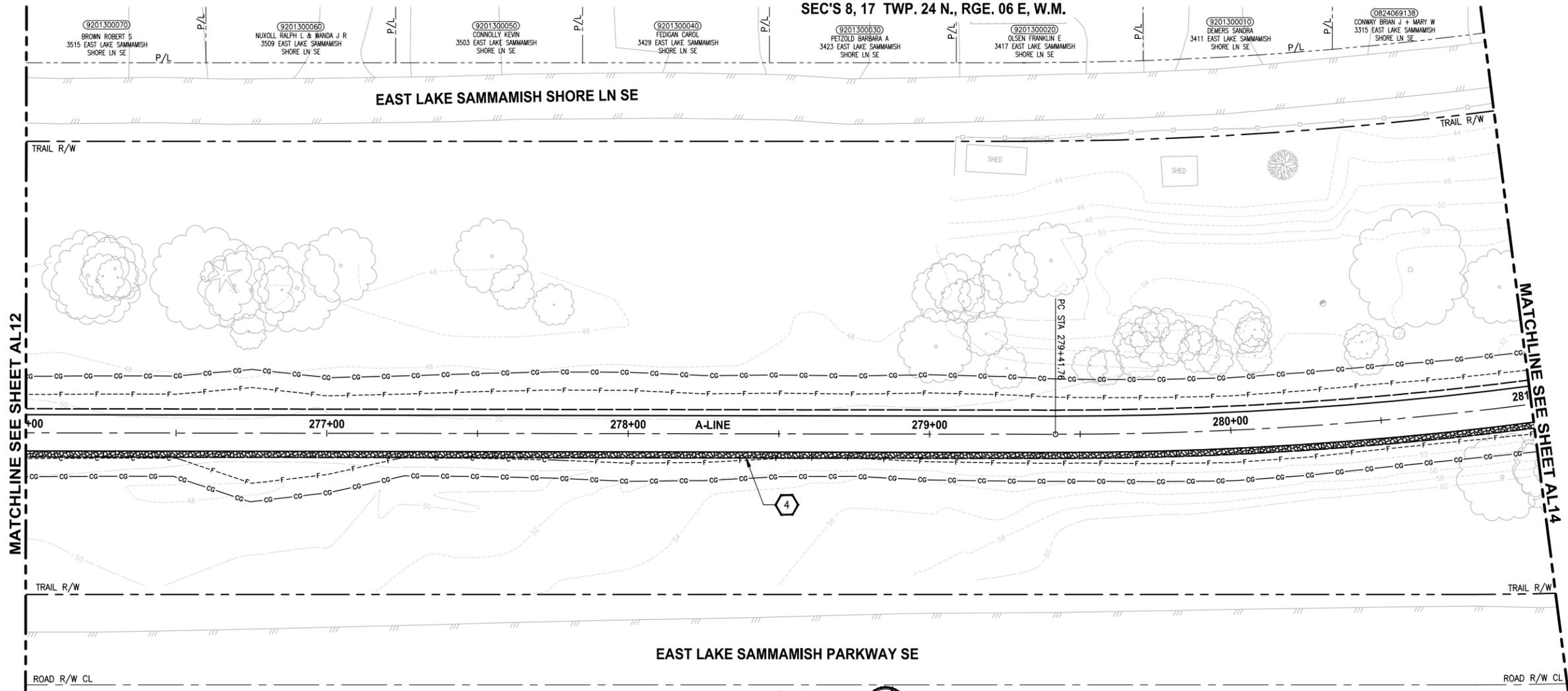
PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
37 OF 57
AL12

LAYOUT: AL13 PATH: U:\Bell\Projects\Clients\1521-King_Cnty\554-1521-075-ELST\98Secs\CADD\Phase 20\Task_03\DWG\ PLOTTED BY: purganut DATE: Tuesday, July 29, 2014 4:35:12 PM

SEC'S 8, 17 TWP. 24 N., RGE. 06 E, W.M.



MATCHLINE SEE SHEET AL12

MATCHLINE SEE SHEET AL14

CIVIL CONSTRUCTION NOTES:

1. INSTALL STRUCTURAL EARTH WALL. SEE WALL DETAILS ON SHEET WD1. SEE WALL PROFILES ON WP SHEETS.
2. INSTALL COATED CHAIN LINK FENCE TYPE 6. FOR GROUND POST INSTALLATION SEE APPENDIX B IN THE SPECIFICATIONS. SEE SHEET WD1 FOR INSTALLATION ON TOP OF WALL.
3. INSTALL SALVAGED CHAIN LINK CANTILEVER GATE, SEE DETAIL ON SHEET MD2.
4. INSTALL SPLIT RAIL FENCE, SEE DETAILS ON SHEET MD3.
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8. WALL DRAIN OUTFALL LOCATION.
9. CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER WSDOT STD PLAN F-10.12-02.
10. PARALLEL CURB RAMP PER WSDOT STD PLAN F-40.12-02.
11. INSTALL EXTRUDED CURB TYPE 5 PER WSDOT STD PLAN F-10.42-00.
12. INSTALL ASPHALT BUMP FOR DRAINAGE. SEE DETAIL ON SHEET MD3.

STORMWATER CONSTRUCTION NOTES:

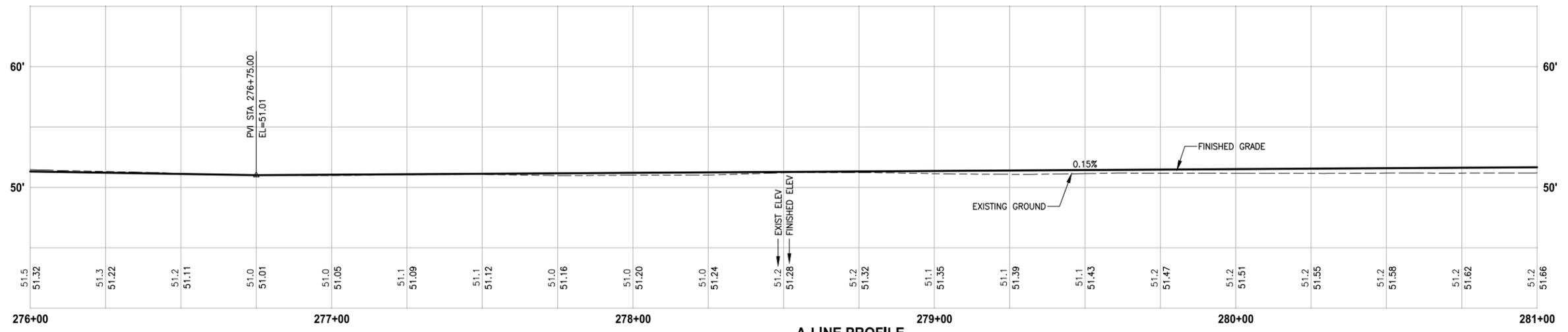
1. CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1. SEE WALL PROFILE ON WP SHEETS FOR WALL #2.
2. QUARRY SPALL OUTFALL PROTECTION, SEE DETAIL 2 ON SHEET DD1.
3. NOT USED.
4. INFILTRATION TRENCH, SEE DETAIL 3 ON SHEET DD1.

LEGEND:

- CEMENT CONCRETE SIDEWALK
- DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-01.

GENERAL NOTES:

1. SEE DP SHEETS FOR DRIVEWAY PLAN AND PROFILE.
2. SEE SD AND DD SHEETS FOR GENERAL NOTES RELATED TO STORM DRAIN STRUCTURES AND PIPES.



A-LINE PROFILE

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

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

**60 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY	DESIGNED
			J. JUN
			B. PURGANAN
			Y. HO
			APPROVED

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P20T03AL-01
JOB No.: 554-1521-075 P20T03
DATE: JULY 2014



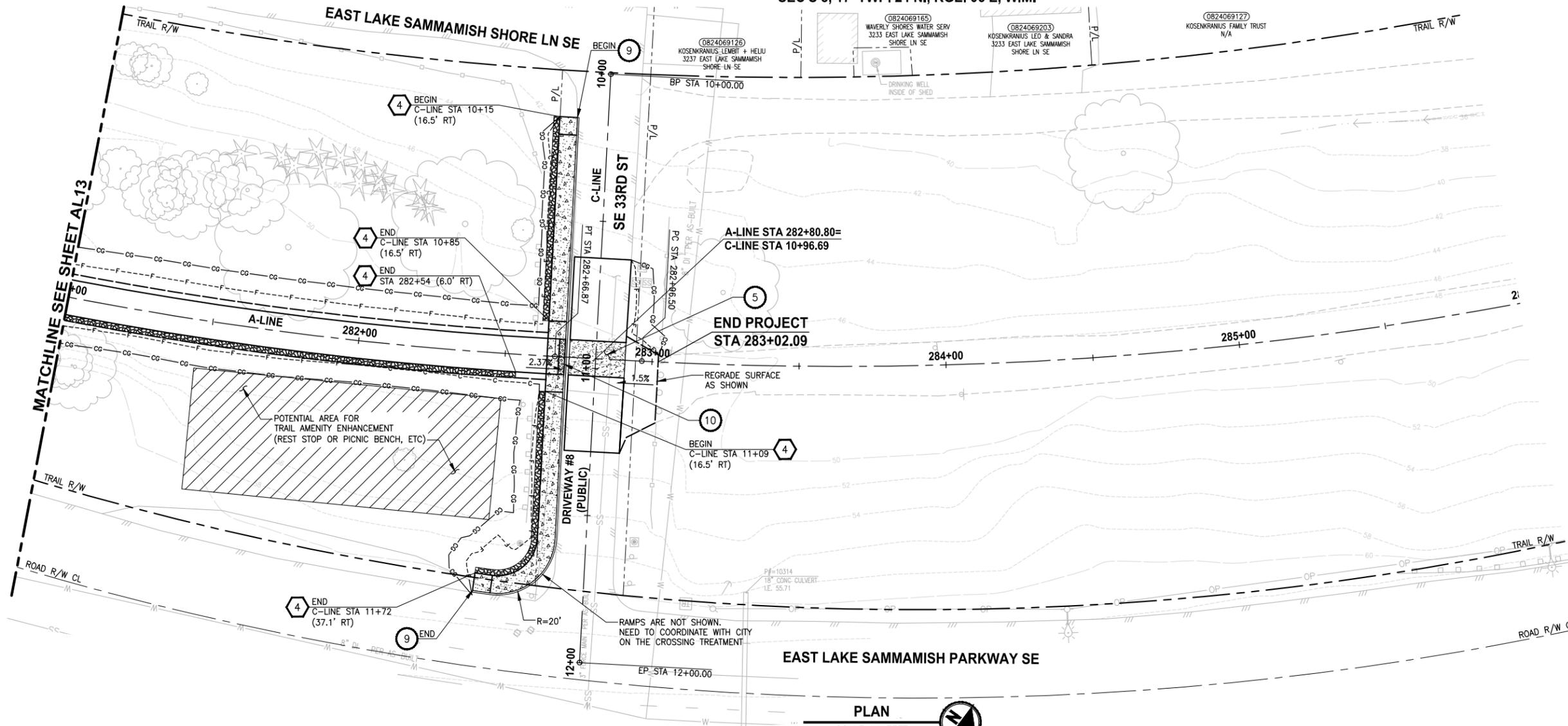
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PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A**
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
38 OF 57
AL13



CIVIL CONSTRUCTION NOTES:

1. INSTALL STRUCTURAL EARTH WALL. SEE WALL DETAILS ON SHEET WD1. SEE WALL PROFILES ON WP SHEETS.
2. INSTALL COATED CHAIN LINK FENCE TYPE 6. FOR GROUND POST INSTALLATION SEE APPENDIX B IN THE SPECIFICATIONS. SEE SHEET WD1 FOR INSTALLATION ON TOP OF WALL.
3. INSTALL SALVAGED CHAIN LINK CANTILEVER GATE, SEE DETAIL ON SHEET MD2.
4. INSTALL SPLIT RAIL FENCE, SEE DETAILS ON SHEET MD3.
5. INSTALL PATTERNED CONCRETE DRIVEWAY, SEE DETAILS ON SHEET MD2 AND DP SHEETS.
6. INSTALL CONCRETE STAIRS AND PEDESTRIAN HANDRAIL. SEE DETAILS ON SHEET MD3.
7. INSTALL PVC SLEEVE 4 IN. DIA FOR GAS LINE.
8. WALL DRAIN OUTFALL LOCATION.
9. CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER WSDOT STD PLAN F-10.12-02.
10. PARALLEL CURB RAMP PER WSDOT STD PLAN F-40.12-02.
11. INSTALL EXTRUDED CURB TYPE 5 PER WSDOT STD PLAN F-10.42-00.
12. INSTALL ASPHALT BUMP FOR DRAINAGE. SEE DETAIL ON SHEET MD3.

STORMWATER CONSTRUCTION NOTES:

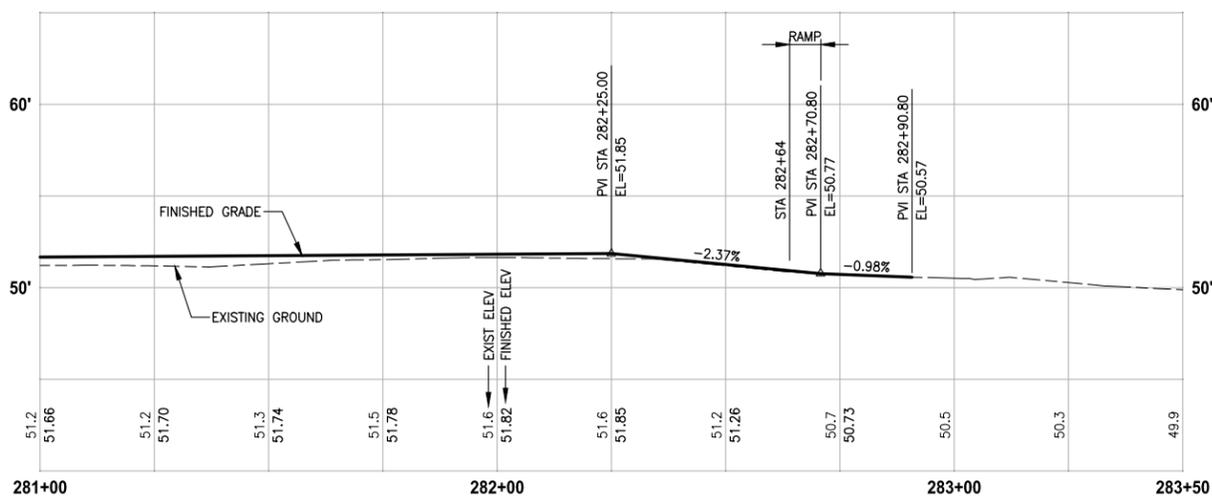
1. CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1. SEE WALL PROFILE ON WP SHEETS FOR WALL #2.
2. QUARRY SPALL OUTFALL PROTECTION, SEE DETAIL 2 ON SHEET DD1.
3. NOT USED.
4. INFILTRATION TRENCH, SEE DETAIL 3 ON SHEET DD1.

LEGEND:

- CEMENT CONCRETE SIDEWALK
- DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-01.

GENERAL NOTES:

1. SEE DP SHEETS FOR DRIVEWAY PLAN AND PROFILE.
2. SEE SD AND DD SHEETS FOR GENERAL NOTES RELATED TO STORM DRAIN STRUCTURES AND PIPES.



A-LINE PROFILE

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

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LAYOUT: AL14 PATH: U:\Bell\Projects\Clients\1521-King_Cnty\554-1521-075-ELST\99Secs\CADD\Phase 20\Task_03\DWG\ PLOTTED BY: purganan DATE: Tuesday, July 29, 2014 4:35:27 PM

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			Y. HO
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FILE NAME: BL1521075P20T03AL-01
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PROJECT NAME

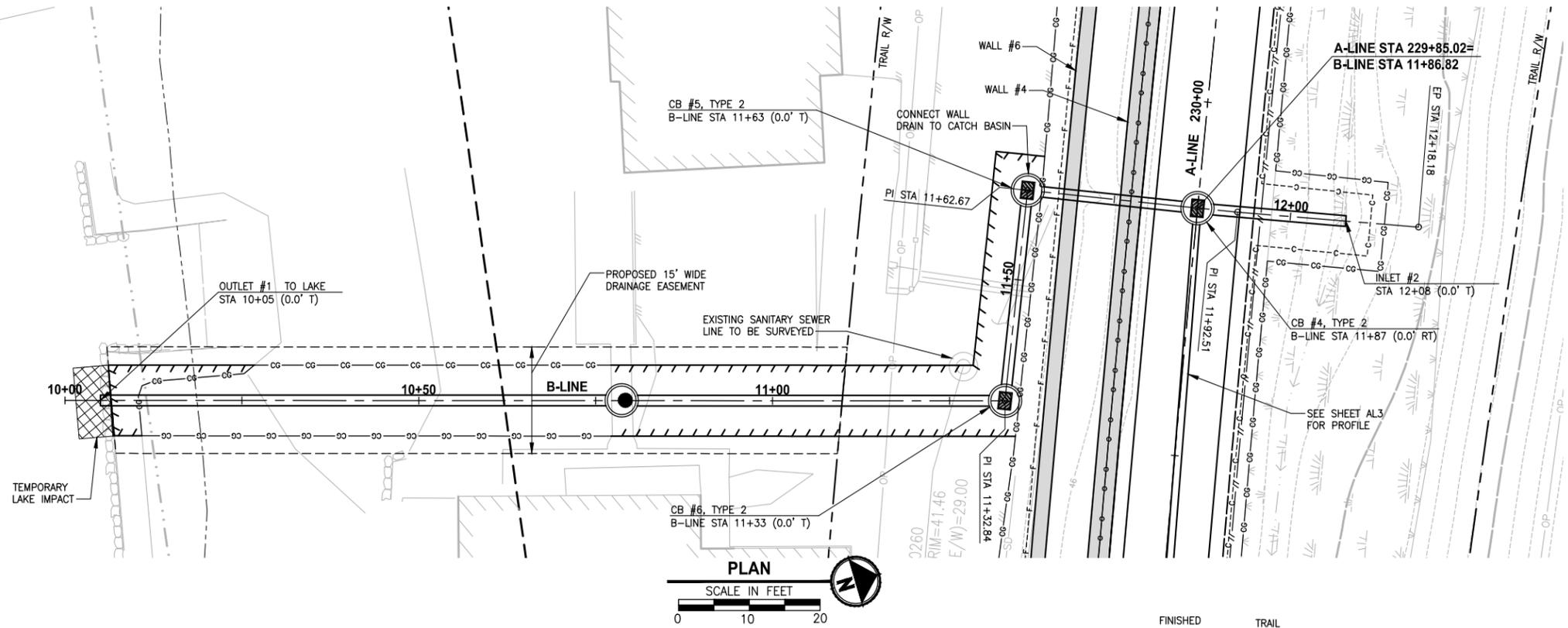
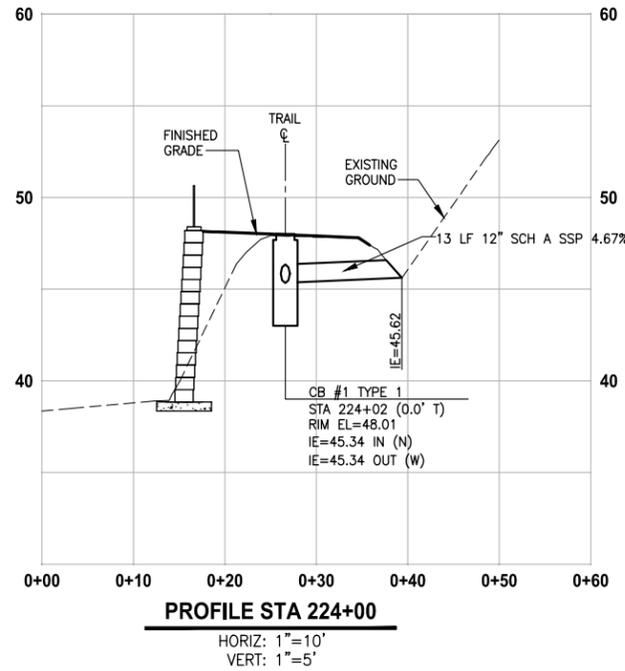
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A**

SAMMAMISH, WA

PLAN AND PROFILE

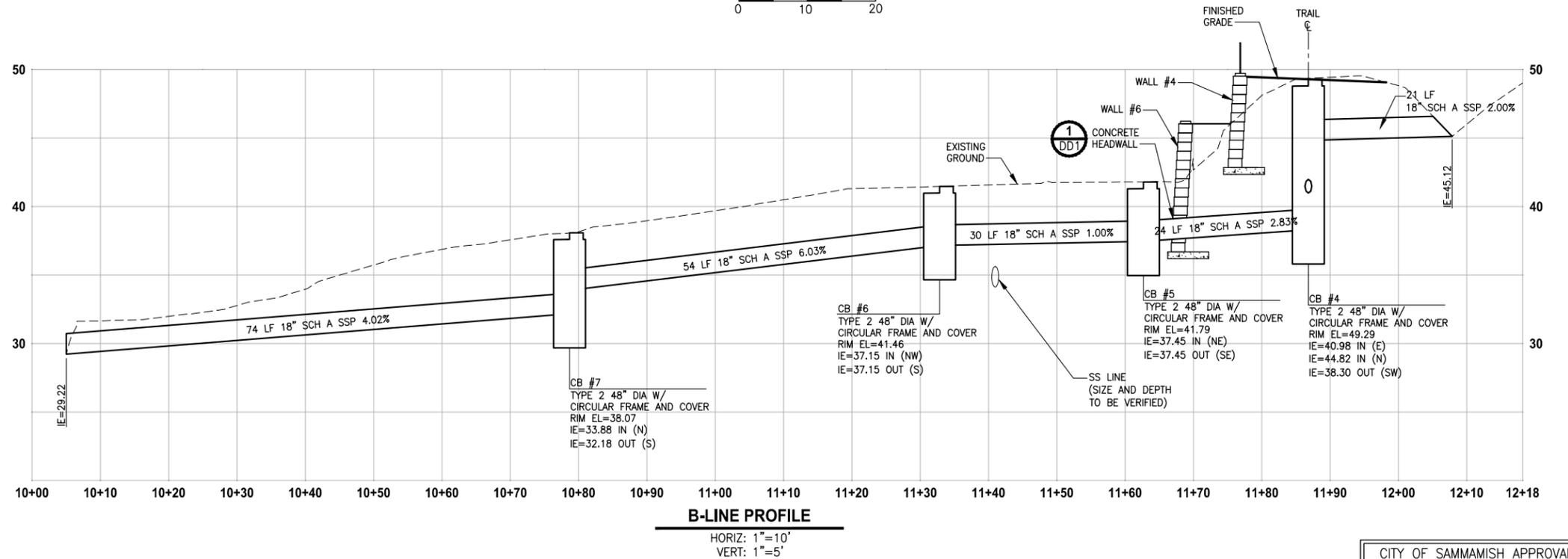
SHEET NO.
39 OF 57

AL14



GENERAL NOTES:

- CULVERTS SHALL HAVE BEVELED END SECTIONS PER WSDOT STD PLAN B-70.20-00.
- CATCH BASIN TYPE 1 SHALL BE PER WSDOT STD PLAN B-5.20-01.
- CATCH BASIN TYPE 2 SHALL BE PER WSDOT STD PLAN B-10.20-01.
- SCH A SSP = SCHEDULE A STORM SEWER PIPE.
- CIRCULAR FRAME (RING) AND COVER SHALL BE PER WSDOT STD PLAN B-30.70-03.
- RECTANGULAR SOLID METAL COVER PER WSDOT STD DETAIL B-30.20-02.
- STRUCTURE OFFSETS ARE MEASURED TO CENTER OF SOLID COVER.



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REVISIONS	DATE	BY	DESIGNED
			C. BUITRAGO
			B. PURGANAN
			R. CUSHMAN

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 FILE NAME: BL1521075P20T03SD-01
 JOB No: 554-1521-075 P20T03
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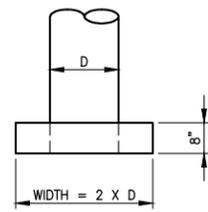
PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT A
 SAMMAMISH, WA

STORM DRAINAGE PROFILES AND SECTIONS

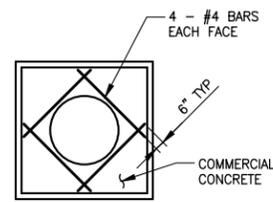
SHEET NO. 40 OF 57
SD1

GENERAL NOTE:

1. PROTECT INFILTRATION TRENCHES FROM SEDIMENTATION DURING CONSTRUCTION.



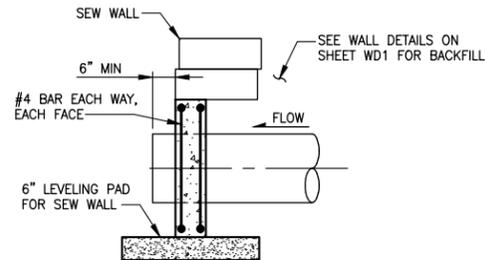
PLAN



ELEVATION

NOTES:

1. REINFORCING STEEL SHALL HAVE 1 1/2" MIN. CLEAR COVER TO ALL CONCRETE SURFACES.
2. FOR SEW WALLS SEE SHEET WD1.

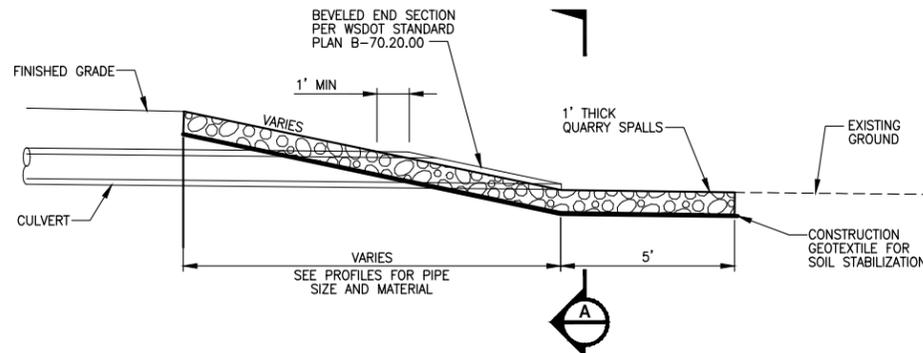


SECTION A

CONCRETE HEADWALL FOR STRUCTURAL EARTH WALL

DETAIL 1

NO SCALE

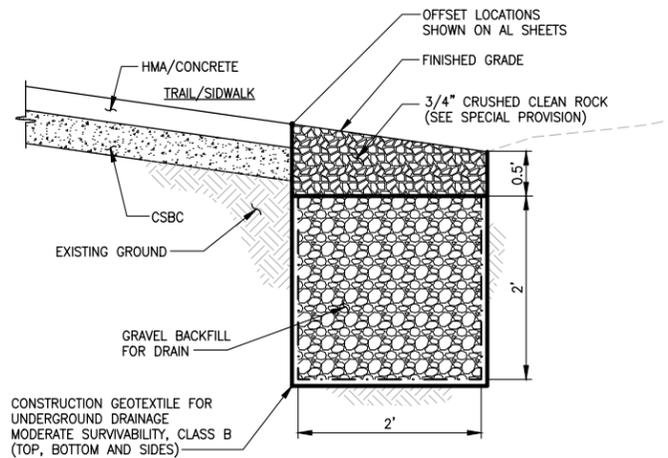


SECTION A

QUARRY SPALL OUTFALL PROTECTION

DETAIL 2

NO SCALE



INFILTRATION TRENCH

DETAIL 3

NO SCALE

LAYOUT: DD1
 PATH: U:\Ball\Projects\Clients\1521-King_City\554-1521-075-ELST\98\Sves\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Tuesday, July 29, 2014 4:36:32 PM

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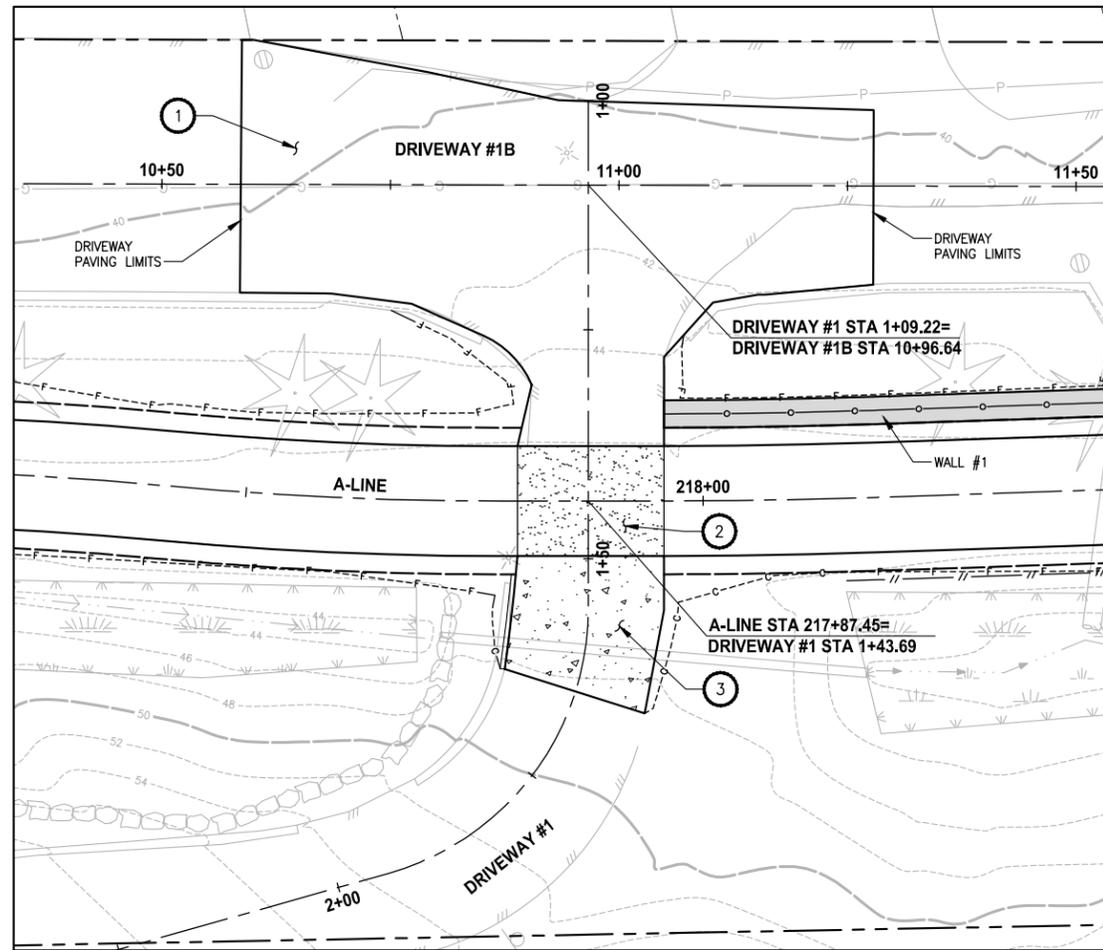
PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT A**
 SAMMAMISH, WA

DRAINAGE DETAILS

SHEET NO.
 41 OF 57
DD1

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

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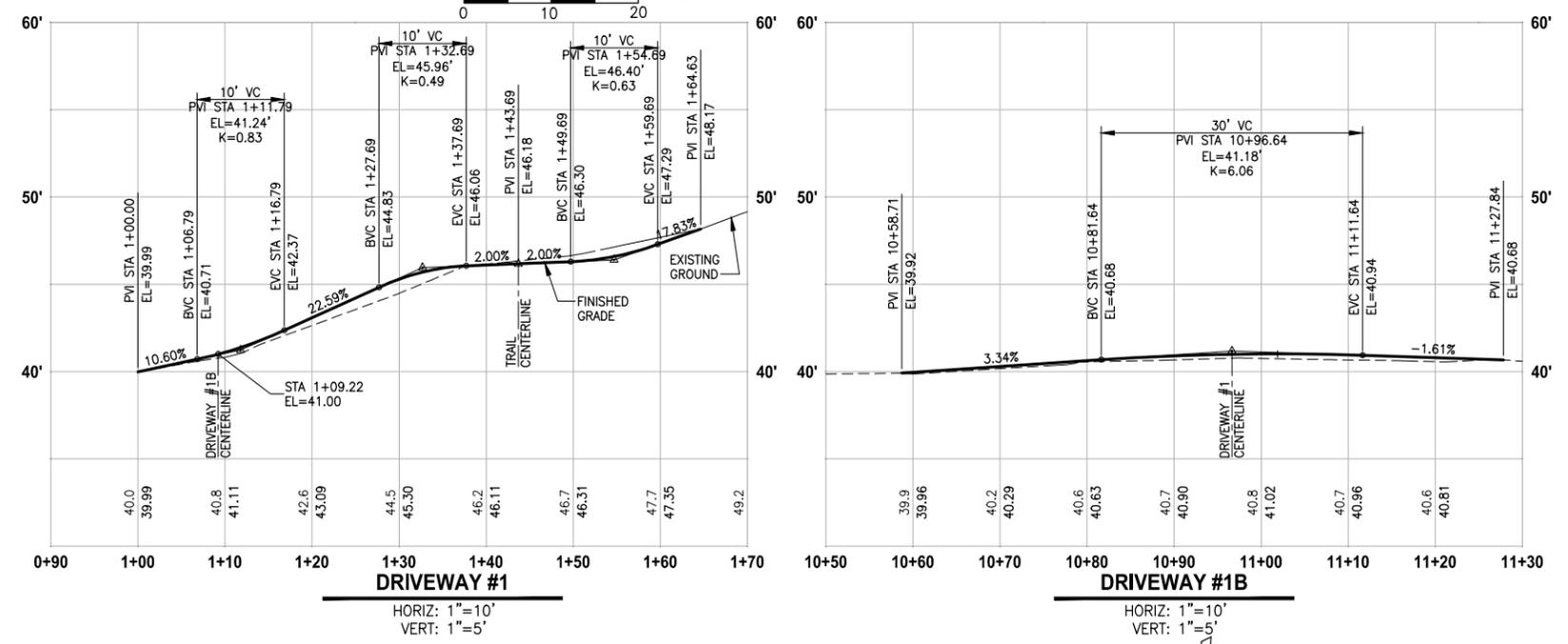


- CONSTRUCTION NOTES:**
- 1 ASPHALT DRIVEWAY PAVEMENT SECTION SHALL BE 4" HMA CL. 1/2 PG 64-22 AND 8" CRUSHED SURFACING BASE COURSE.
 - 2 PATTERNED CONCRETE DRIVEWAY SEE 1 MD2
 - 3 CEMENT CONCRETE PAVEMENT SECTION SHALL BE 6" CONCRETE CLASS 4000 OVER 4" CRUSHED SURFACING BASE COURSE.

- LEGEND:**
- [Patterned Box] PATTERNED CONCRETE DRIVEWAY
 - [Solid Box] ASPHALT
 - [Dotted Box] CEMENT CONCRETE PAVEMENT

- GENERAL NOTE:**
1. DETAILED SUPERELEVATION TRANSITION AND DRIVEWAY GRADING WILL BE INCLUDED IN SUBSEQUENT SUBMITTAL.

PLAN
SCALE IN FEET



CITY OF SAMMAMISH APPROVAL	
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			Y. HO
			APPROVED

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 JOB No.: 554-1521-075 P20T03
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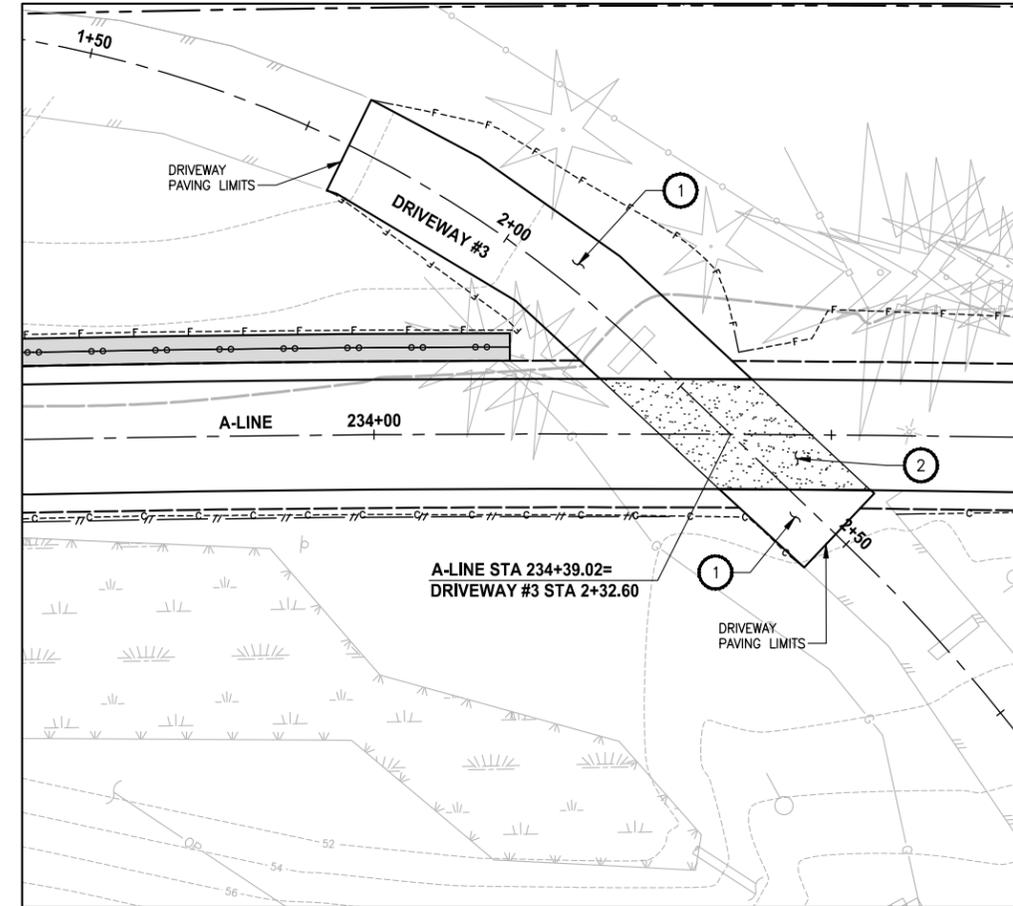
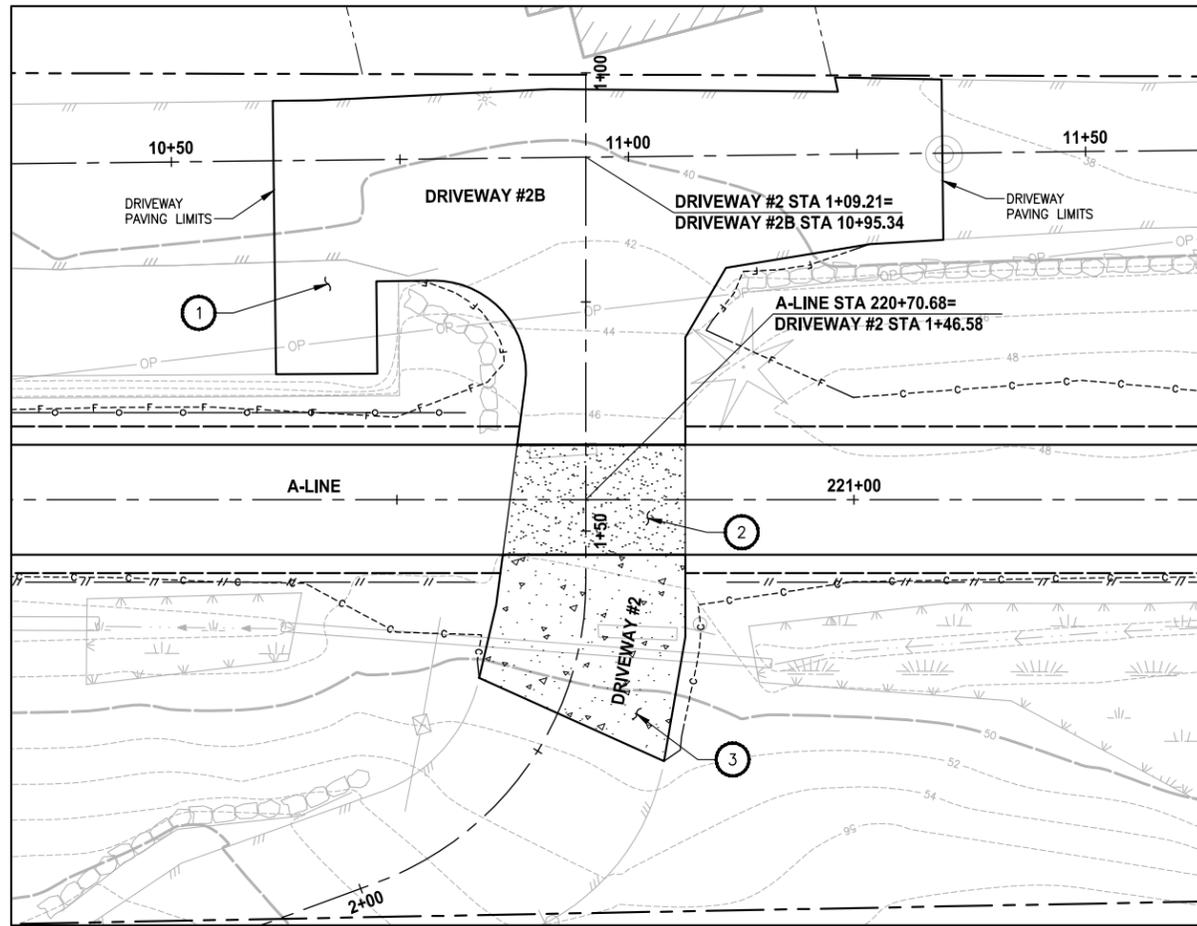
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PROJECT NAME
**EAST LAKE SAMMAMISH
 MASTER PLAN TRAIL
 SOUTH SAMMAMISH SEGMENT A**
 SAMMAMISH, WA

DRIVEWAY PLAN AND PROFILE

SHEET NO.
42 OF 57

DP1



CONSTRUCTION NOTES:

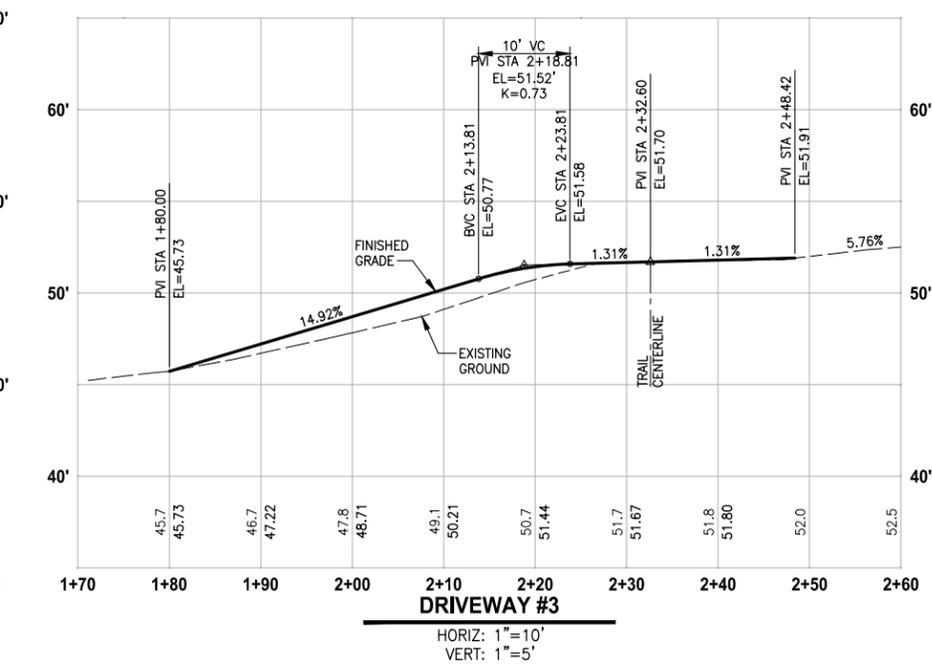
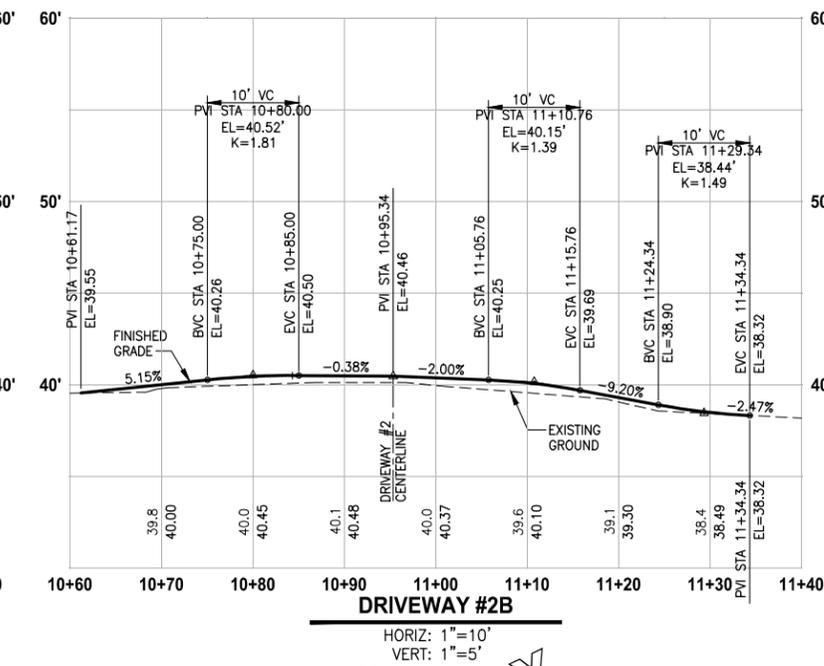
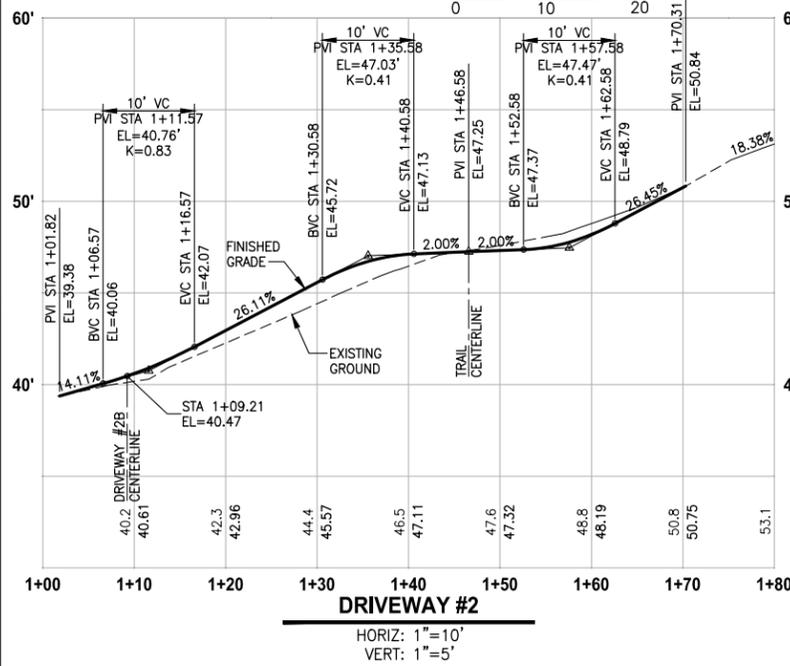
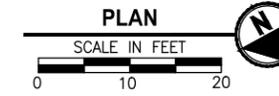
- 1 ASPHALT DRIVEWAY PAVEMENT SECTION SHALL BE 4" HMA CL. 1/2 PG 64-22 AND 8" CRUSHED SURFACING BASE COURSE.
- 2 PATTERNED CONCRETE DRIVEWAY SEE 1 MD2
- 3 CEMENT CONCRETE PAVEMENT SECTION SHALL BE 6" CONCRETE CLASS 4000 OVER 4" CRUSHED SURFACING BASE COURSE.

LEGEND:

- PATTERNED CONCRETE DRIVEWAY
- ASPHALT
- CEMENT CONCRETE PAVEMENT

GENERAL NOTE:

- 1. DETAILED SUPERELEVATION TRANSITION AND DRIVEWAY GRADING WILL BE INCLUDED IN SUBSEQUENT SUBMITTAL.



CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

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LAYOUT: DP2 PATH: U:\Bell\Projects\Clients\1521-075-ELST\98Secs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purganb DATE: Tuesday, July 28, 2014 4:37:50 PM

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			B. PURGANAN
			Y. HO
			APPROVED

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FILE NAME: BL1521075P20T03DP-01
JOB No: 554-1521-075 P20T03
DATE: JULY 2014



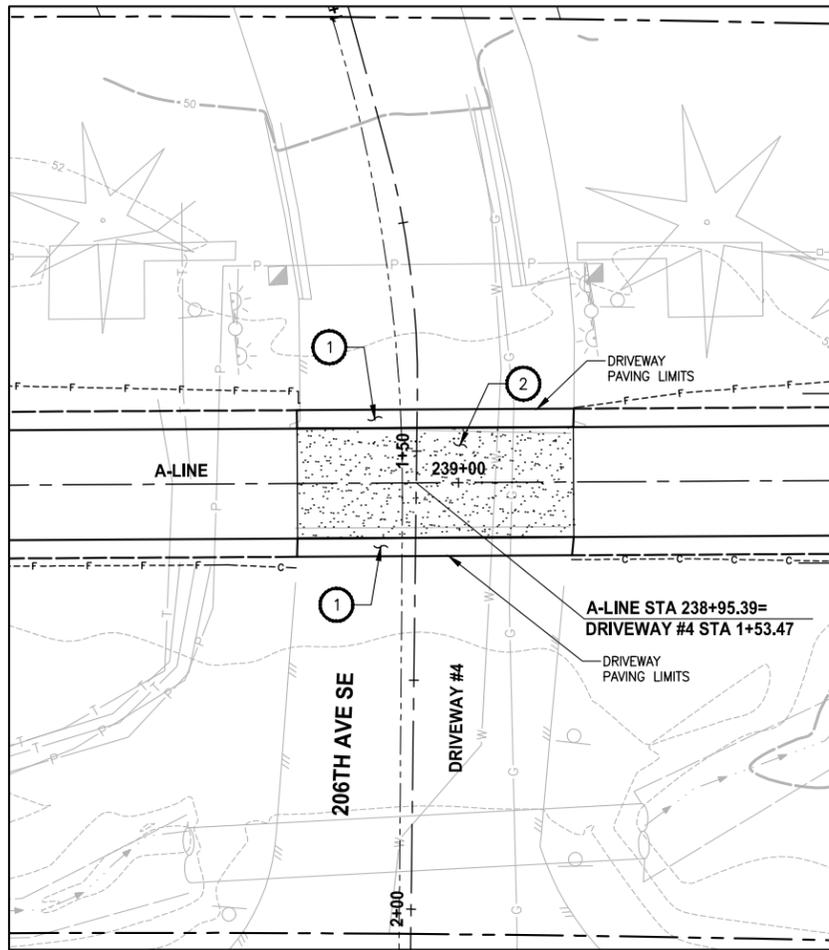
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

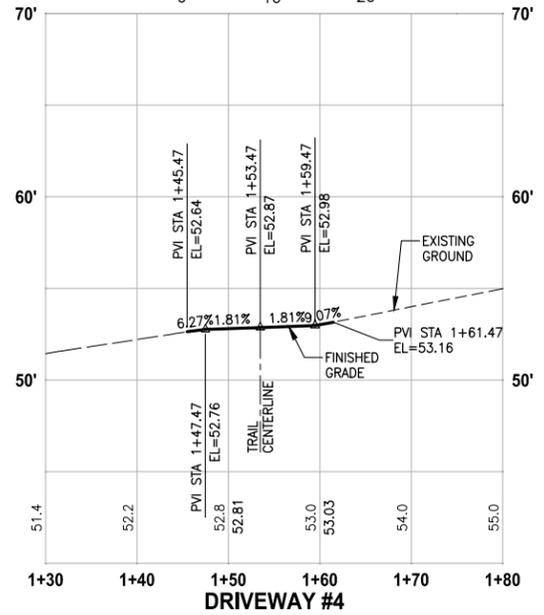
DRIVEWAY PLAN AND PROFILE

SHEET NO. 43 OF 57
DP2

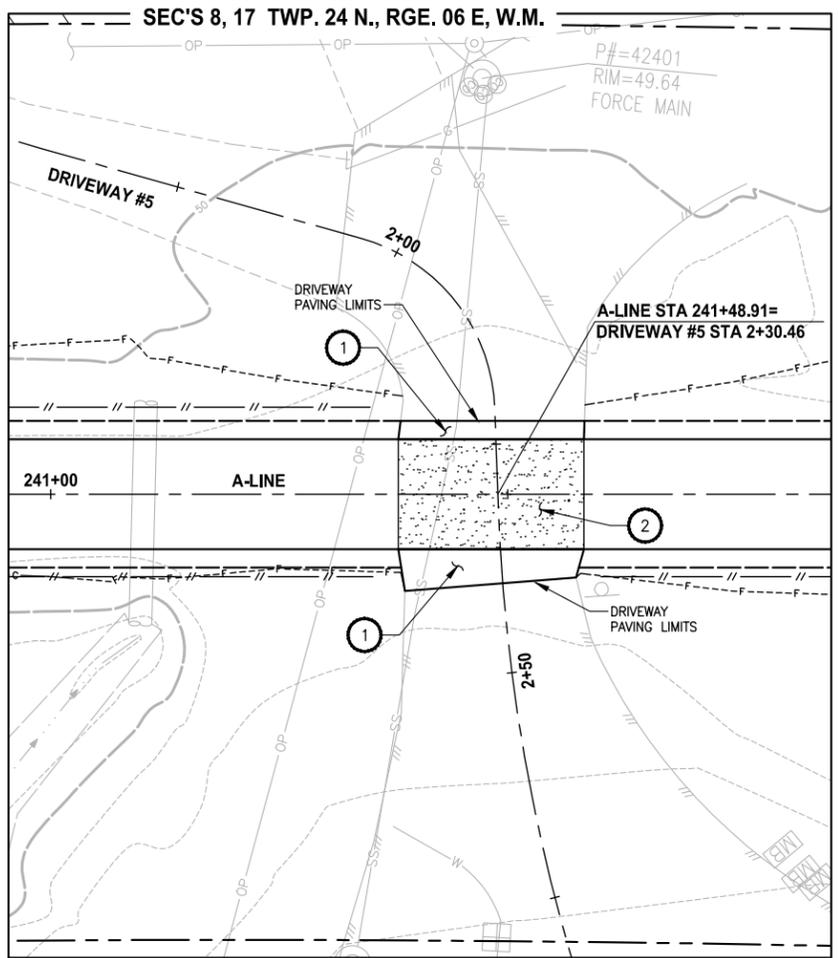
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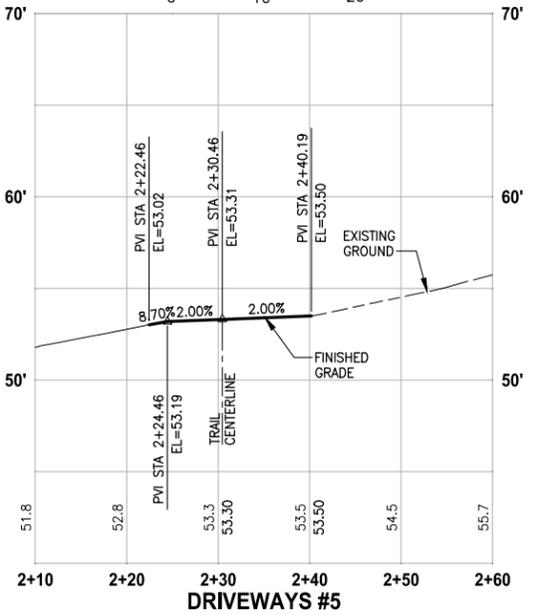
PLAN
 SCALE IN FEET
 0 10 20



DRIVEWAY #4
 HORIZ: 1"=10'
 VERT: 1"=5'



PLAN
 SCALE IN FEET
 0 10 20



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

- CONSTRUCTION NOTES:**
- ASPHALT DRIVEWAY PAVEMENT SECTION SHALL BE 4" HMA CL. 1/2 PG 64-22 AND 8" CRUSHED SURFACING BASE COURSE.
 - PATTERNED CONCRETE DRIVEWAY SEE 1 MD2
 - CEMENT CONCRETE PAVEMENT SECTION SHALL BE 6" CONCRETE CLASS 4000 OVER 4" CRUSHED SURFACING BASE COURSE.

- LEGEND:**
- PATTERNED CONCRETE DRIVEWAY
 - ASPHALT
 - CEMENT CONCRETE PAVEMENT

- GENERAL NOTE:**
- DETAILED SUPERELEVATION TRANSITION AND DRIVEWAY GRADING WILL BE INCLUDED IN SUBSEQUENT SUBMITTAL.

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

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REVISIONS	DATE	BY	DESIGNED
			J. JUN
			B. PURGANAN
			Y. HO
			APPROVED

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 FILE NAME: BL1521075P20T03DP-01
 JOB No.: 554-1521-075 P20T03
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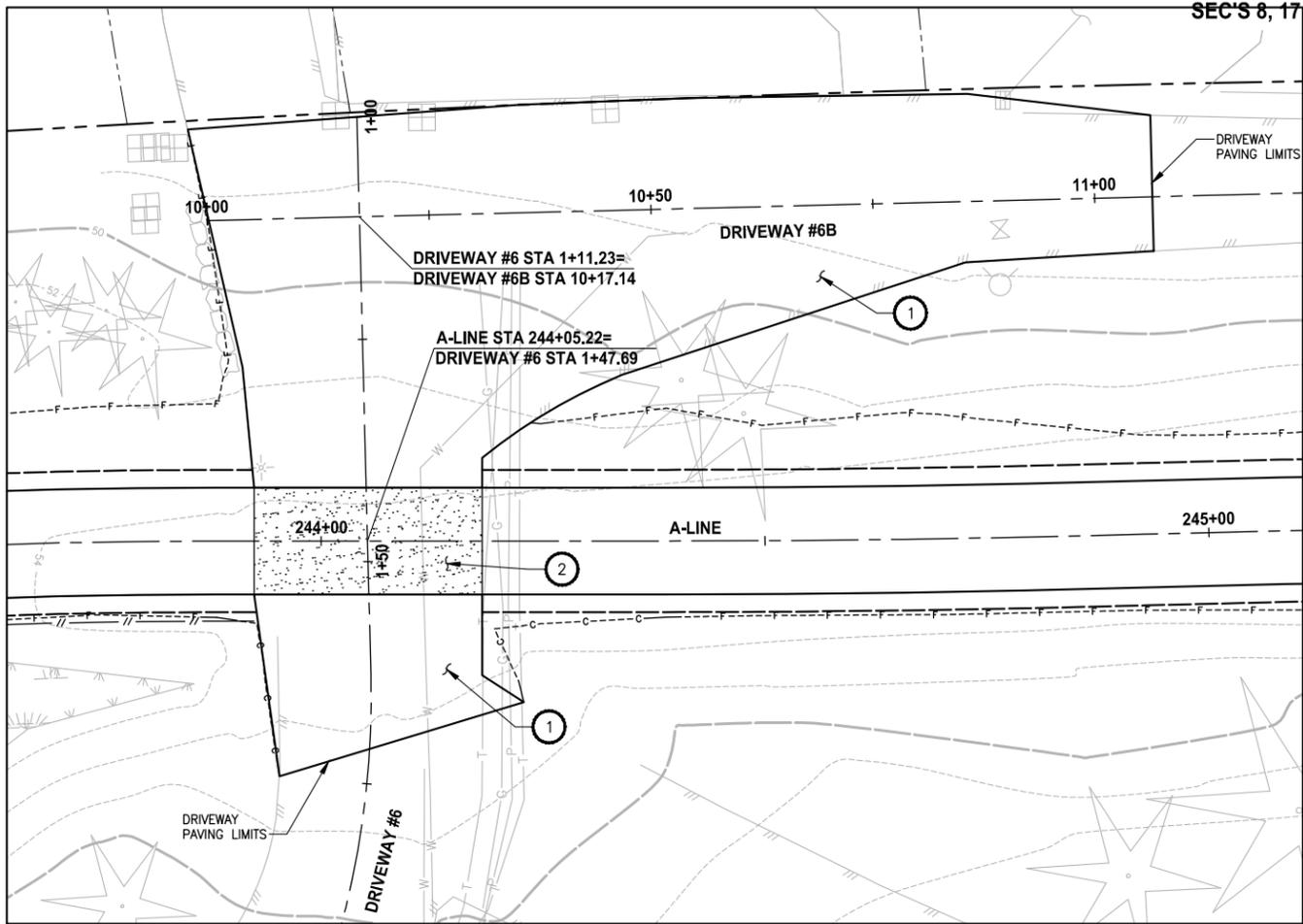


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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT A
 SAMMAMISH, WA

DRIVEWAY PLAN AND PROFILE

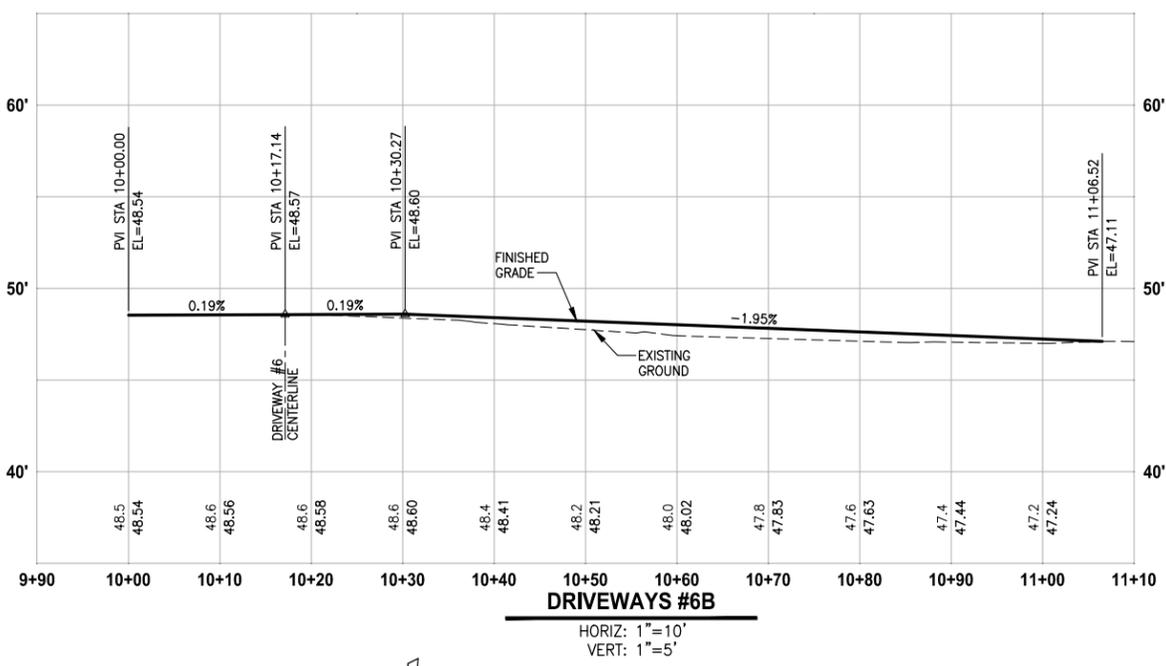
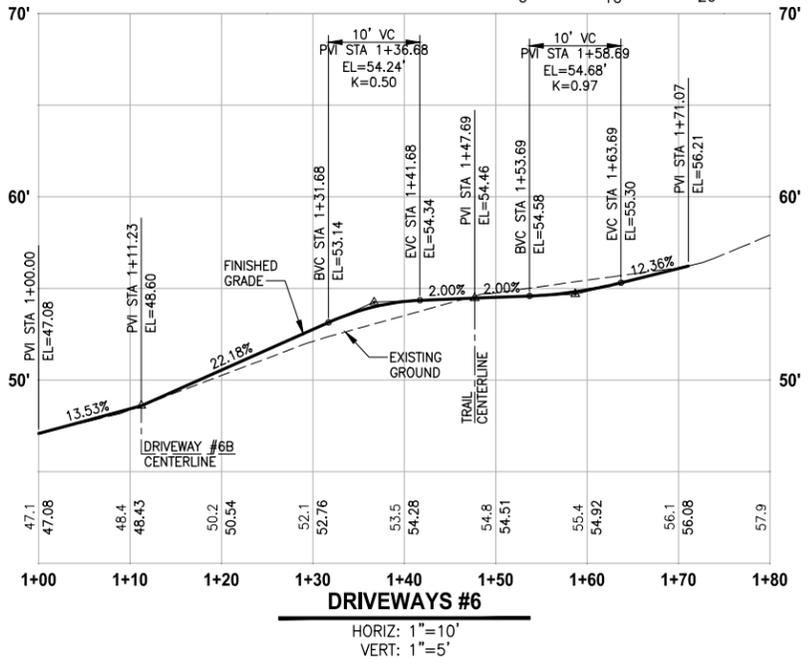
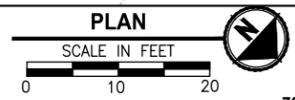
SHEET NO.
 44 OF 57
DP3



- CONSTRUCTION NOTES:**
- ASPHALT DRIVEWAY PAVEMENT SECTION SHALL BE 4" HMA CL. 1/2 PG 64-22 AND 8" CRUSHED SURFACING BASE COURSE.
 - PATTERNED CONCRETE DRIVEWAY SEE (1) MD2
 - CEMENT CONCRETE PAVEMENT SECTION SHALL BE 6" CONCRETE CLASS 4000 OVER 4" CRUSHED SURFACING BASE COURSE.

- LEGEND:**
- PATTERNED CONCRETE DRIVEWAY
 - ASPHALT
 - CEMENT CONCRETE PAVEMENT

- GENERAL NOTE:**
- DETAILED SUPERELEVATION TRANSITION AND DRIVEWAY GRADING WILL BE INCLUDED IN SUBSEQUENT SUBMITTAL.



CITY OF SAMMAMISH APPROVAL

City Engineer _____	Date _____
Community Development _____	Date _____

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			B. PURGANAN
			Y. HO
			APPROVED

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FILE NAME: BL1521075P20T03DP-01
JOB No.: 554-1521-075 P20T03
DATE: JULY 2014



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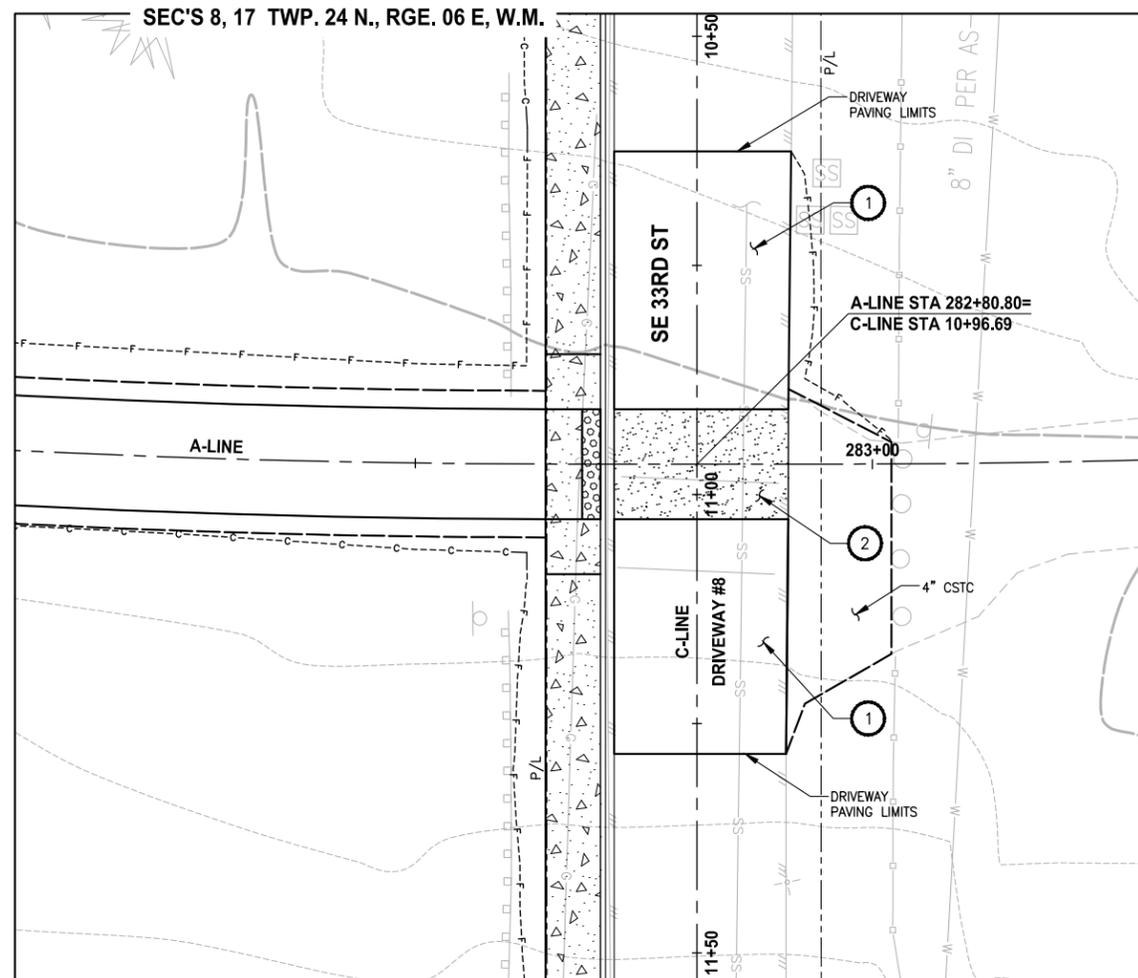
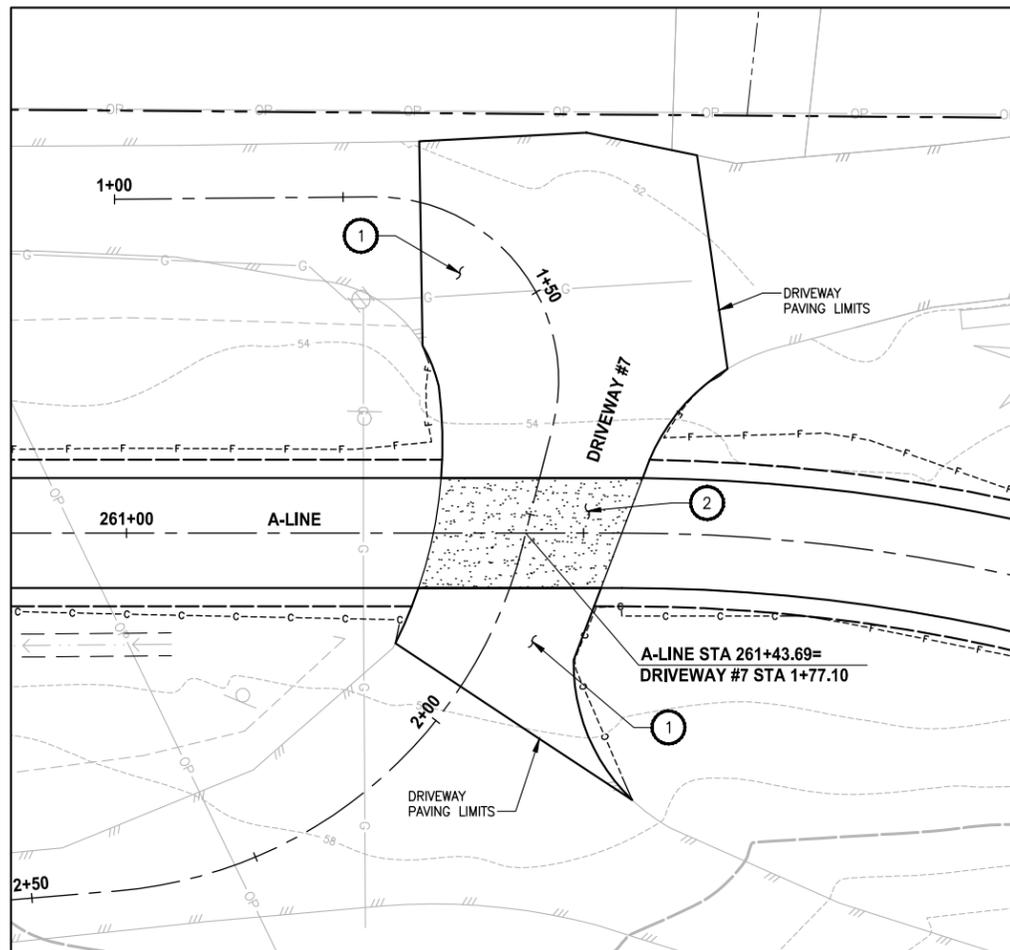
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PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A**
SAMMAMISH, WA

DRIVEWAY PLAN AND PROFILE

SHEET NO.
45 OF 57
DP4

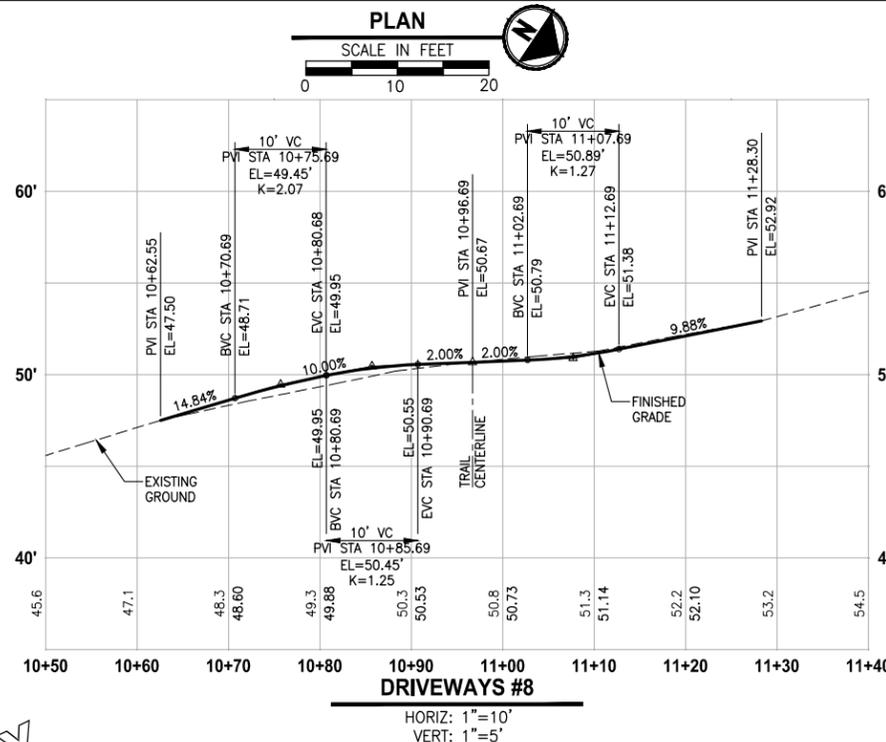
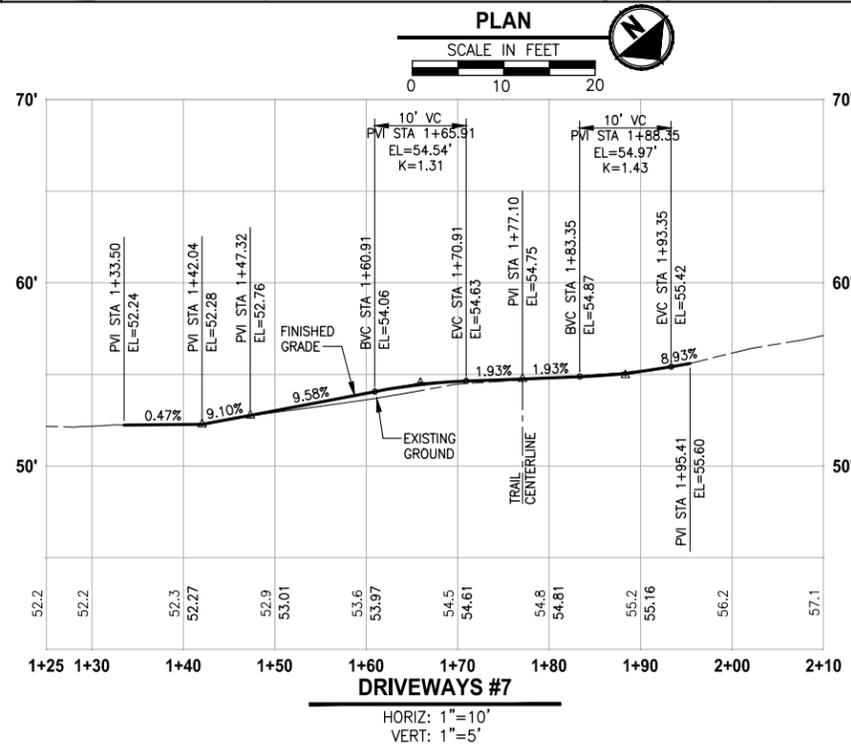
LAYOUT: DP5
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- CONSTRUCTION NOTES:**
- ASPHALT DRIVEWAY PAVEMENT SECTION SHALL BE 4" HMA CL. 1/2 PG 64-22 AND 8" CRUSHED SURFACING BASE COURSE.
 - PATTERNED CONCRETE DRIVEWAY SEE 1 MD2
 - CEMENT CONCRETE PAVEMENT SECTION SHALL BE 6" CONCRETE CLASS 4000 OVER 4" CRUSHED SURFACING BASE COURSE.

- LEGEND:**
- PATTERNED CONCRETE DRIVEWAY
 - ASPHALT
 - CEMENT CONCRETE PAVEMENT

- GENERAL NOTE:**
- DETAILED SUPERELEVATION TRANSITION AND DRIVEWAY GRADING WILL BE INCLUDED IN SUBSEQUENT SUBMITTAL.



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

60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			J. JUN
			B. PURGANAN
			Y. HO
			APPROVED

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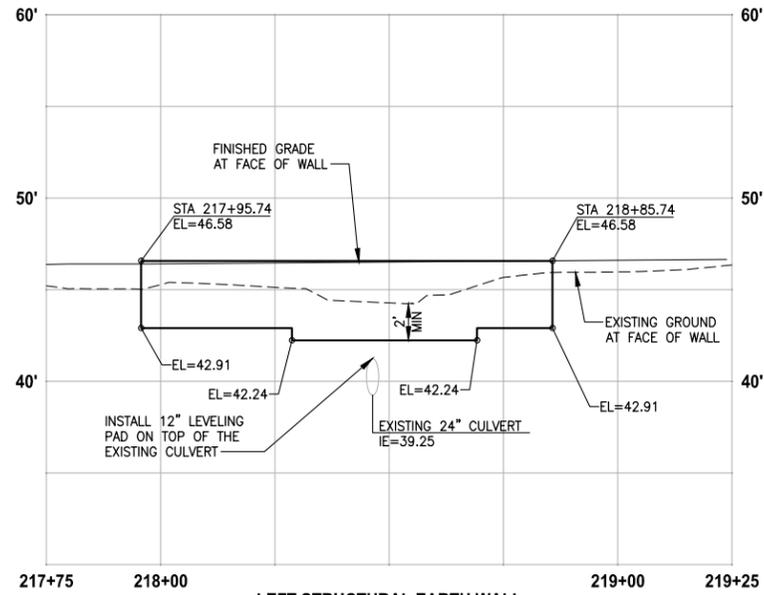
PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT A
 SAMMAMISH, WA

DRIVEWAY PLAN AND PROFILE

SHEET NO.
 46 OF 57
DP5

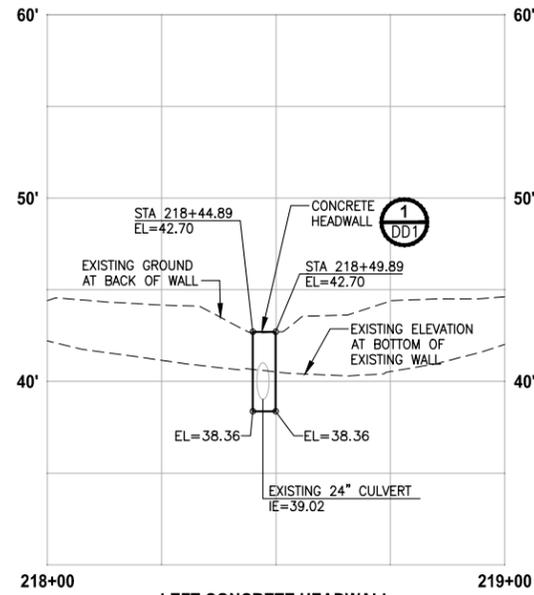
NOTES:

- EXISTING UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTH, AS AUTHORIZED BY THE ENGINEER.
- INSTALL PVC SLEEVE 4 IN. DIA 10 LF CENTERED AT WALL.



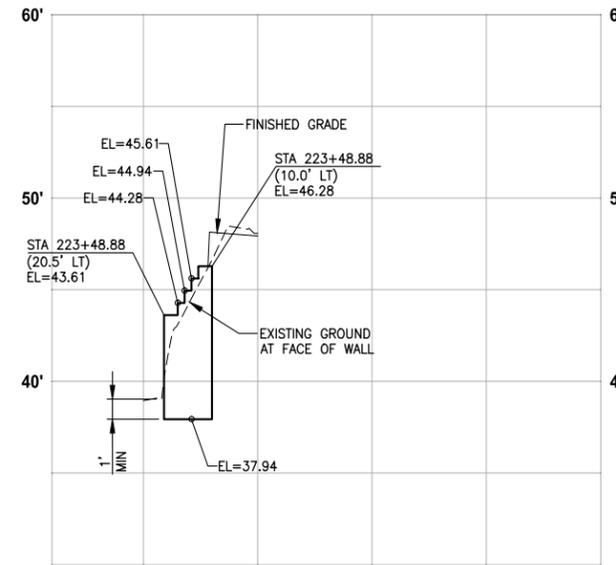
**LEFT STRUCTURAL EARTH WALL
WALL #1 (FILL) A-LINE**

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



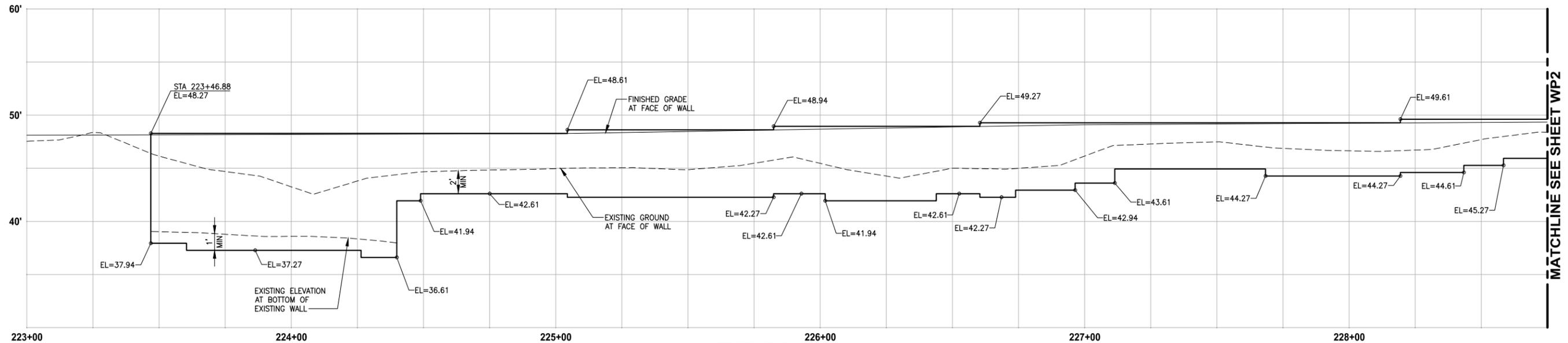
**LEFT CONCRETE HEADWALL
WALL #2 (FILL) A-LINE**

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



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

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



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

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

MATCHLINE SEE SHEET WP2

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

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LAYOUT: WP1 PATH: U:\Bell\Projects\Clients\1521-King_City\554-1521-075-ELST\98\Spec\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgubut DATE: Tuesday, July 29, 2014 4:38:15 PM

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			Y. HO
			APPROVED

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FILE NAME
BL1521075P20T03WP-01

JOB No.
554-1521-075 P20T03

DATE
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MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A**
SAMMAMISH, WA

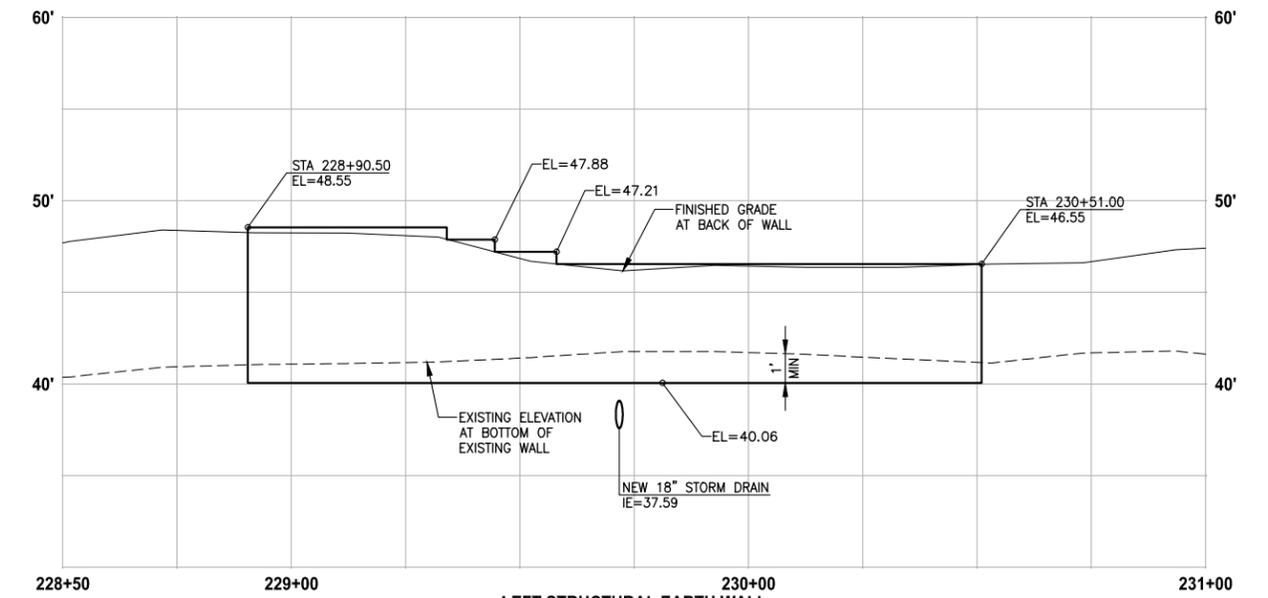
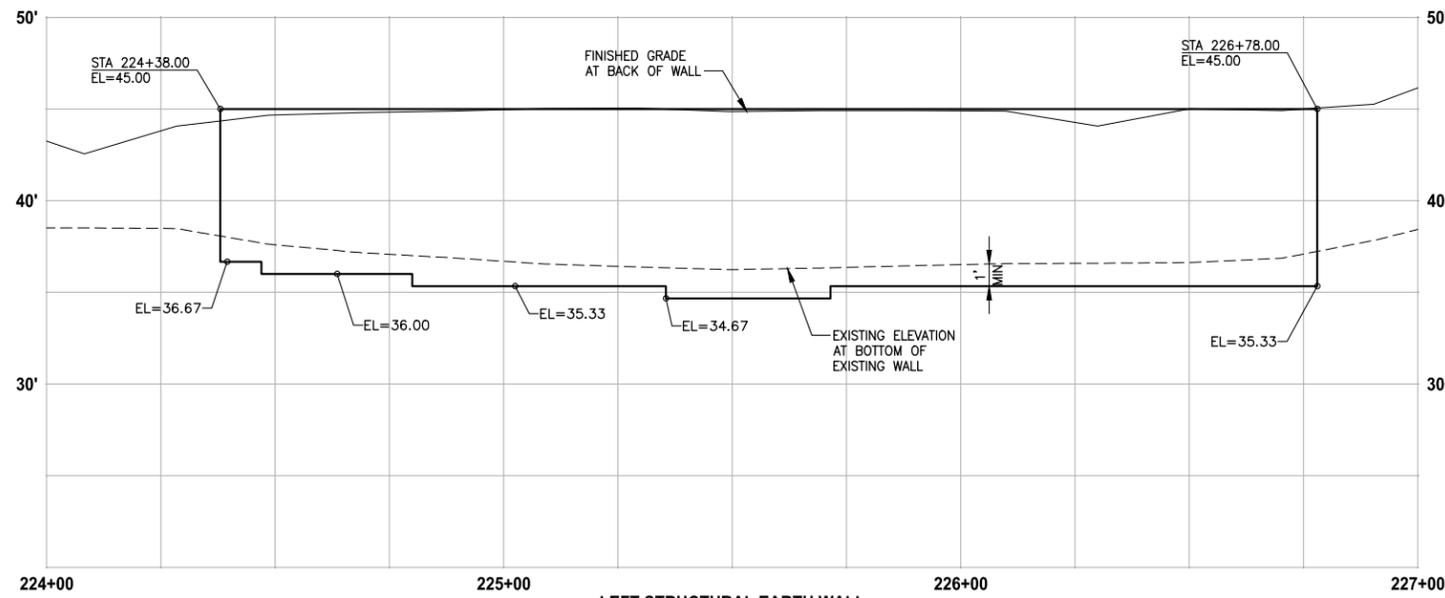
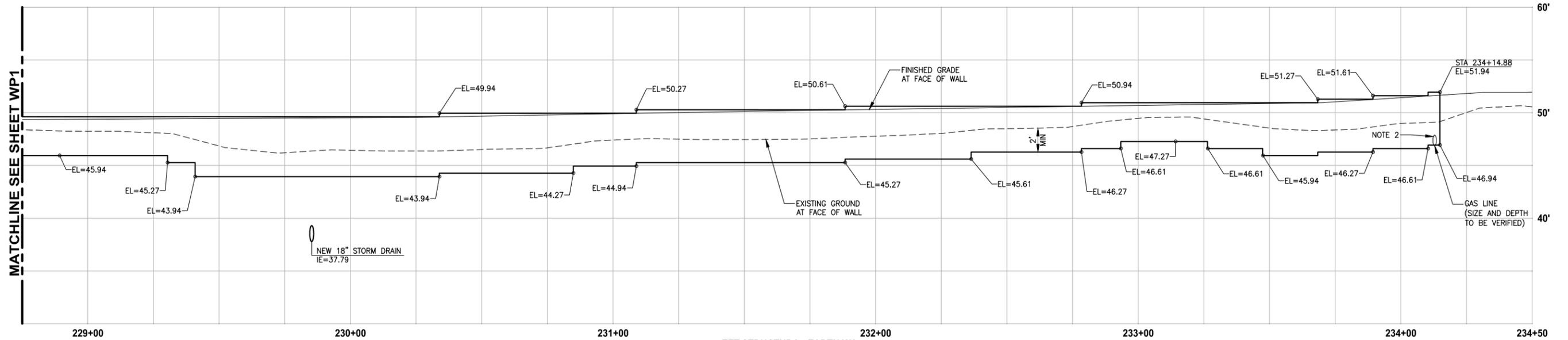
WALL PROFILES

SHEET NO.
47 OF 57

WP1

NOTES:

- EXISTING UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTH, AS AUTHORIZED BY THE ENGINEER.
- INSTALL PVC SLEEVE 4 IN. DIA 10 LF CENTERED AT WALL.



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Community Development _____	Date _____

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LAYOUT: WP2 PATH: U:\Bell\Projects\Clients\1521-King_City\554-1521-075-ELST\99Secs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purganan, July 29, 2014 4:39:24 PM

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JOB No.: 554-1521-075 P20T03
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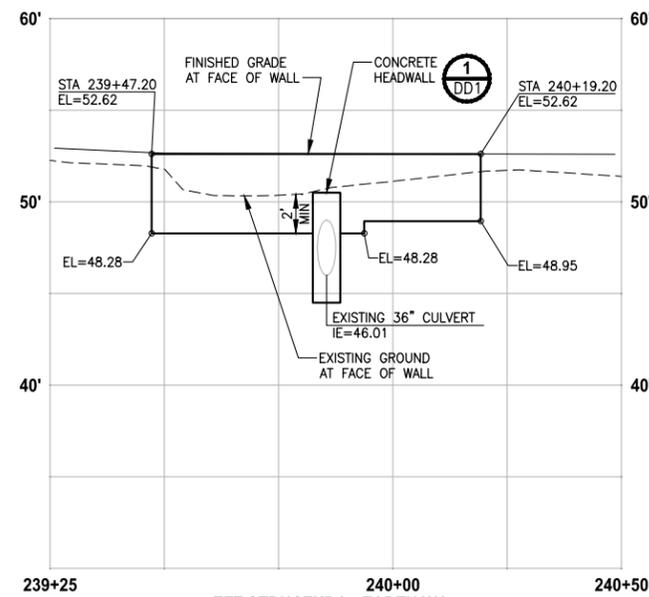
PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A**
SAMMAMISH, WA

WALL PROFILES

SHEET NO.
48 OF 57
WP2

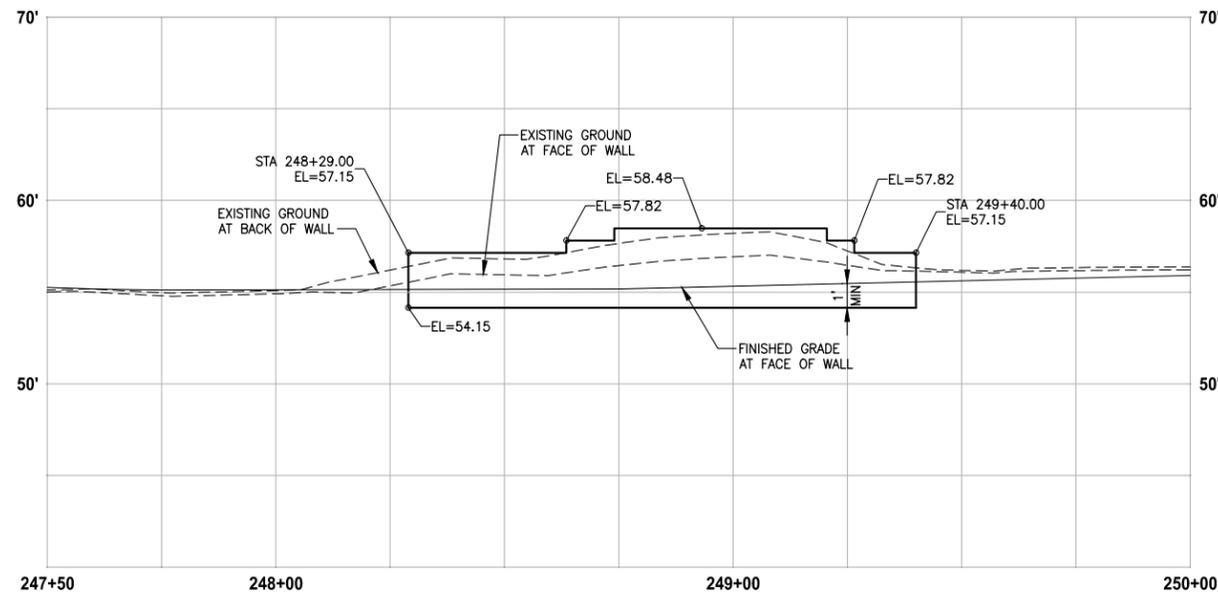
NOTES:

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- INSTALL PVC SLEEVE 4 IN. DIA 10 LF CENTERED AT WALL.



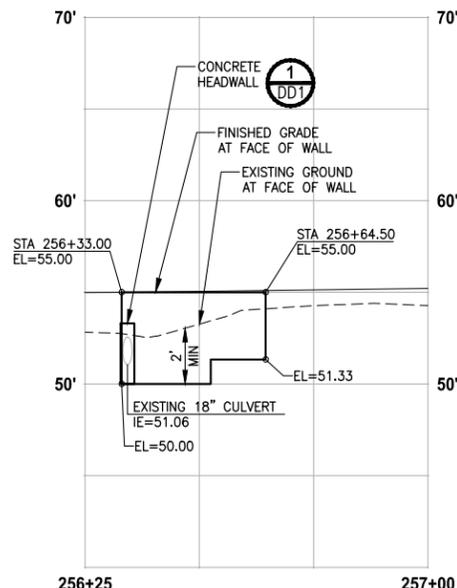
**LEFT STRUCTURAL EARTH WALL
WALL #7 (FILL) A-LINE**

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



**RIGHT STRUCTURAL EARTH WALL
WALL #8 (CUT) A-LINE**

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



**RIGHT STRUCTURAL EARTH WALL
WALL #9 (FILL) A-LINE**

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

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

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FILE NAME: BL1521075P20T03WP-01
JOB No: 554-1521-075 P20T03
DATE: JULY 2014



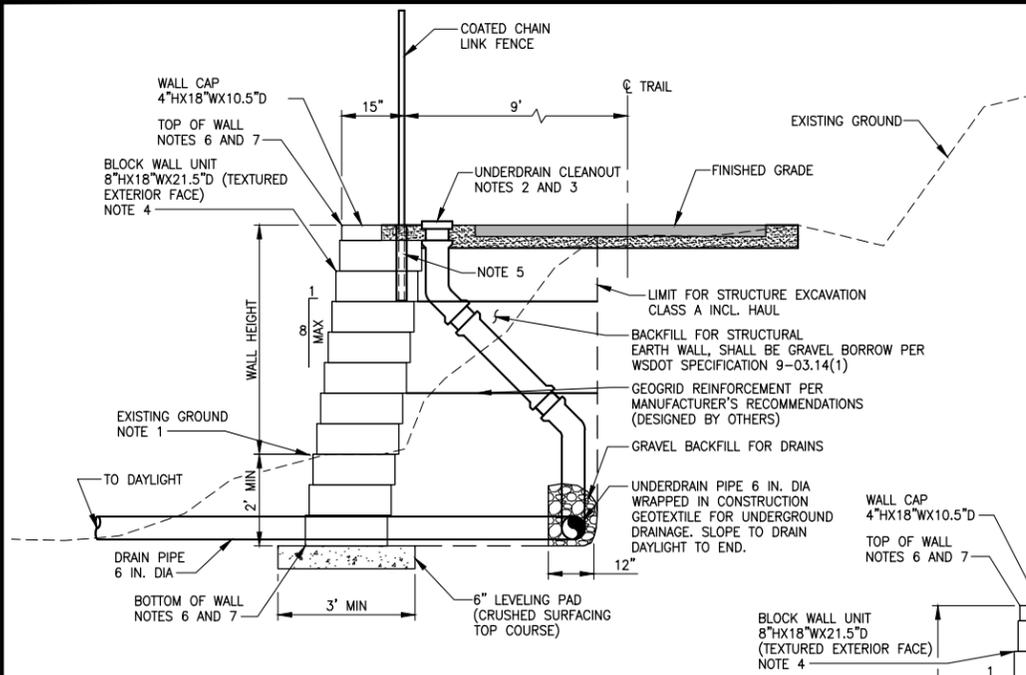
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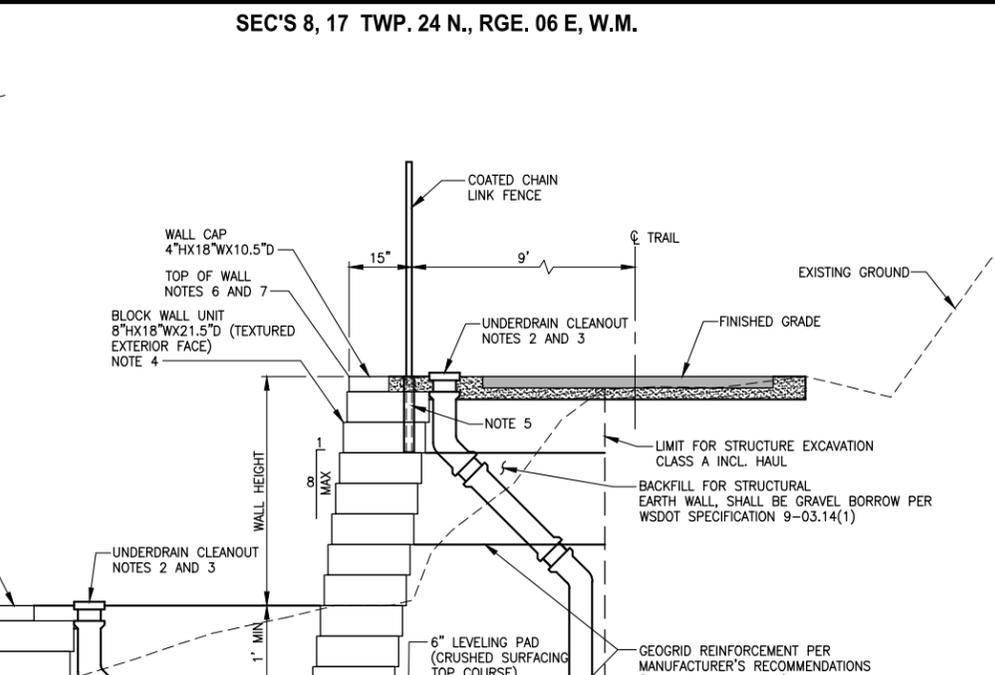
PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A**
SAMMAMISH, WA

WALL PROFILES

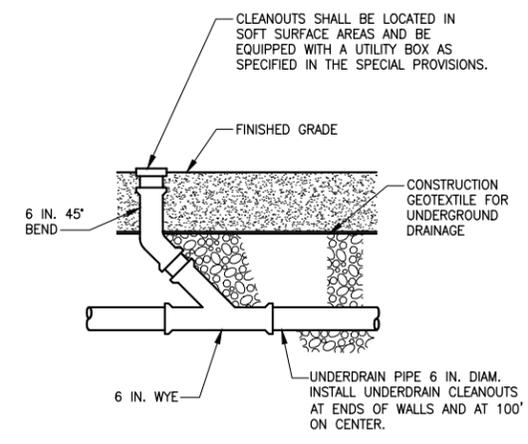
SHEET NO.
49 OF 57
WP3



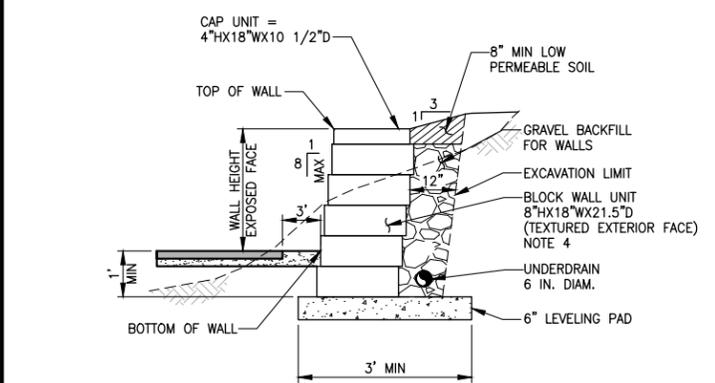
**STRUCTURAL EARTH WALL - FILL WALL
DETAIL 1**
NO SCALE



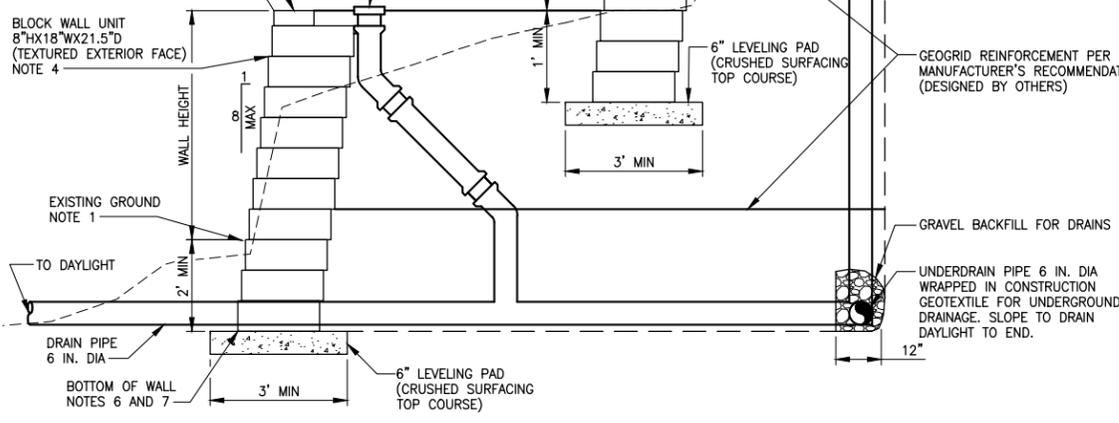
**STRUCTURAL EARTH WALL - FILL WALL
DETAIL 2**
NO SCALE



**UNDERDRAIN CLEANOUT
DETAIL 4**
NO SCALE



**STRUCTURAL EARTH WALL (WITHOUT GEOGRID) - CUT WALL (H<4')
DETAIL 2**
NO SCALE



**STRUCTURAL EARTH WALL - FILL WALL
DETAIL 3**
NO SCALE

WALL SCHEDULE

WALL #	ALIGNMENT	BEGIN STA	END STA	OFFSET (NOTE 7)	SIDE	EXPOSED WALL HEIGHT RANGE	FILL/CUT
WALL 1	A-LINE	217+95.74	218+85.74	11.0'	LT	0.5'-2.5'	FILL
WALL 2	A-LINE	218+44.89	218+49.89	17.5'	LT	2.0'-2.5'	FILL
WALL 3	A-LINE	223+48.88	223+48.88	10.0'-20.5'	LT	0.0'-4.5'	FILL
WALL 4	A-LINE	223+46.88	234+14.88	11.0'	LT	1.0'-6.0'	FILL
WALL 5	A-LINE	224+38.00	226+78.00	19.0'	LT	6.0'-8.0'	FILL
WALL 6	A-LINE	228+90.50	230+51.00	19.0'	LT	4.5'-6.5'	FILL
WALL 7	A-LINE	239+47.20	240+19.20	11.0'	LT	1.0'-2.5'	FILL
WALL 8	A-LINE	248+29.00	249+40.00	9.0'	RT	1.5'-3.5'	CUT
WALL 9	A-LINE	256+33.00	256+64.50	11.0'	RT	1.0'-2.5'	FILL

NOTES:

- RESTORE EXISTING GROUND WITH NATIVE SOIL BACKFILL AND SEEDING. SEE WP SHEETS.
- SEE UNDERDRAIN CLEANOUT DETAIL 4, THIS SHEET.
- UNDERDRAIN CLEANOUT LIDS SHALL BE INSTALLED ALONG THE BACK OF WALL BLOCK AND SHALL NOT BE IN TRAIL HMA PAVEMENT.
- FILL BLOCK UNITS WITH UNIT DRAINAGE FILL. SEE SPECIAL PROVISIONS FOR WALL DESIGN REQUIREMENTS. ALL CONSTRUCTION MUST CONFORM TO MANUFACTURER'S SPECIFIC REQUIREMENTS.
- POST SHALL HAVE MIN 24" DEPTH. SEE DETAIL 5 THIS SHEET.
- SEE WP SHEETS FOR TOP AND BOTTOM OF WALL ELEVATIONS.
- FOR FILL WALLS, OFFSET DISTANCE FOR WALLS IS AT THE OUTSIDE OF WALL FOR THE CAP BLOCK PER DETAIL 1, THIS SHEET. FOR CUT WALLS, OFFSET DISTANCE IS AT BOTTOM OF WALL. OFFSET IS MEASURED FROM TRAIL CENTERLINE. BOTTOM OF WALL OFFSET DISTANCE SHALL BE SURVEYED AND STAKED BASED ON WALL HEIGHT SHOWN ON WP SHEETS AND WALL BATTER AS SHOWN IN DETAILS.

DESIGN LOAD FOR FILL WALLS

LIVELOAD FOR TRAIL	100 PSF
LIVELOAD FOR DRIVEWAY	250 PSF
DEADLOAD	NONE

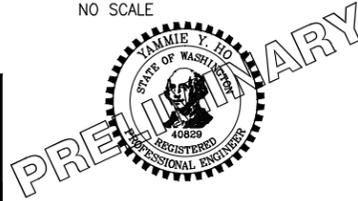
CITY OF SAMMAMISH APPROVAL

City Engineer	Date
Community Development	Date

**60% REVIEW SUBMITTAL
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			Y. HO

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FILE NAME: BL1521075P20T03WD-01
JOB No. 554-1521-075 P20T03
DATE: JULY 2014



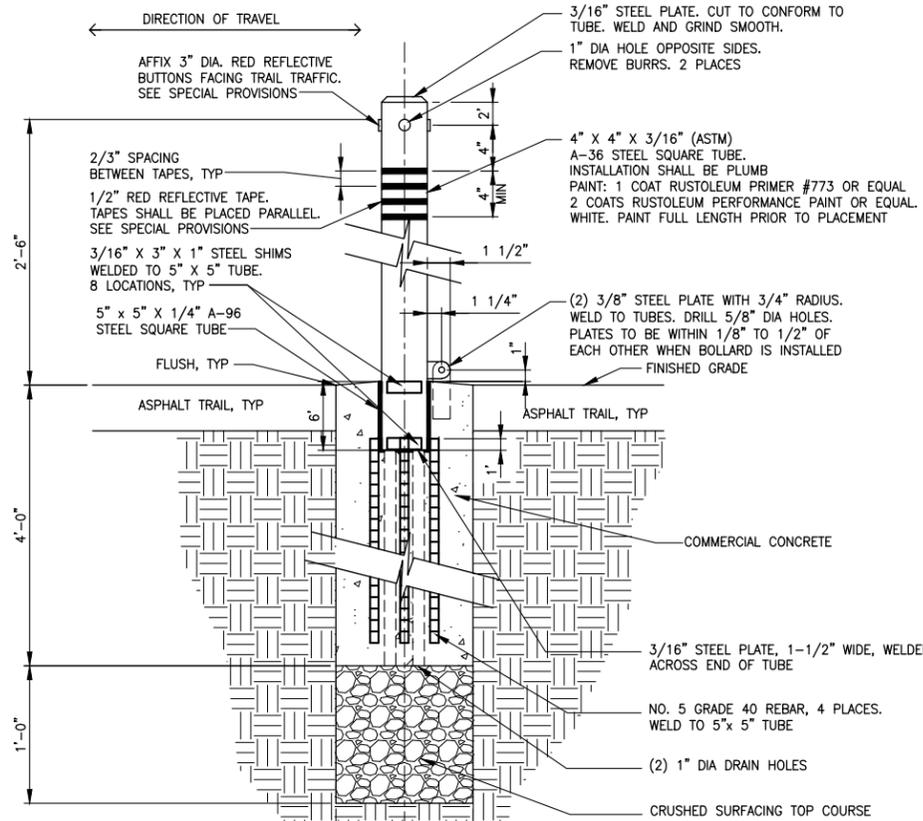
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PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A**
SAMMAMISH, WA

**STRUCTURAL EARTH WALL
DETAILS**

SHEET NO.
50 OF 57
WD1

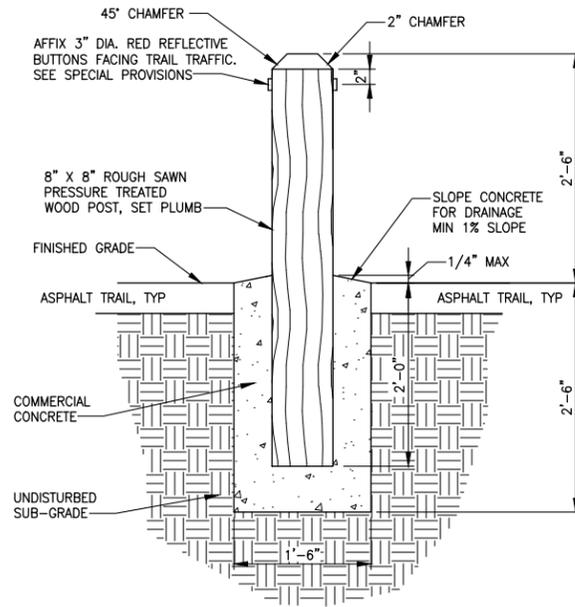
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PATH: U:\Ball\Projects\Clients\1521-075-ELST\985Secs\CADD\Phase 20\Task 03.DWG
PLOTTED BY: purganan DATE: Tuesday, July 29, 2014 4:39:46 PM



- NOTES:**
- PADLOCK SHALL BE MASTER KEYED ALIKE TOSM-737 WITH NO. 5LF SHACKLE, OWNER PROVIDED.
 - SLOPE TOP OF CONCRETE FOOTING TO DRAIN AWAY FROM POST.
 - HOT DIP GALV. & PRIME PAINT - FINISH COLOR TO BE WHITE MARINE ENAMEL.

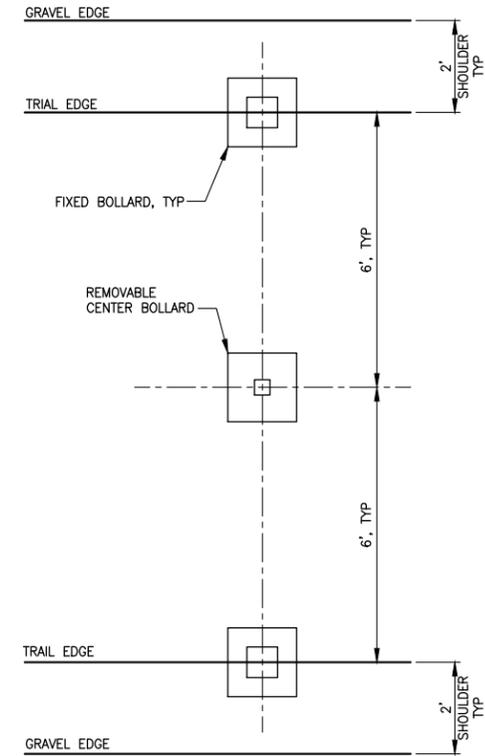
**REMOVABLE BOLLARD
DETAIL**

NOT TO SCALE



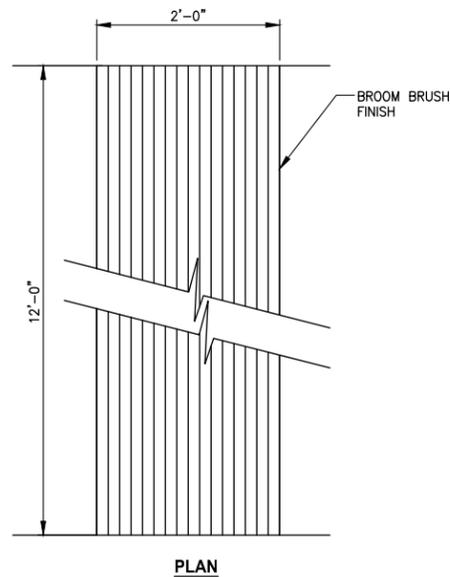
**FIXED BOLLARD
DETAIL**

NOT TO SCALE

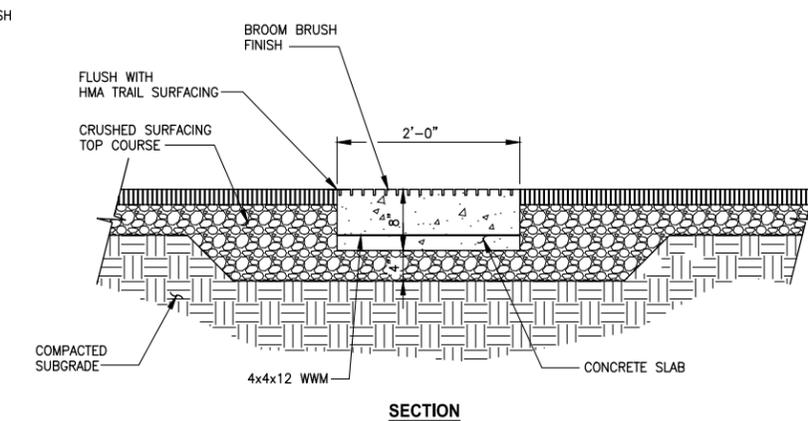


**BOLLARD PLAN LOCATION
DETAIL**

NOT TO SCALE



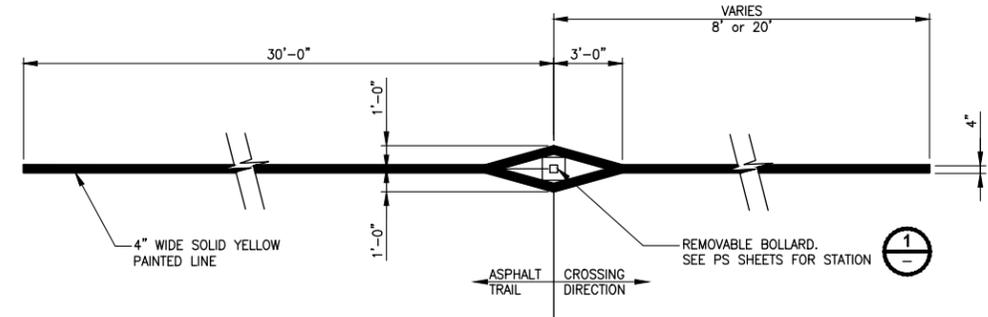
PLAN



SECTION

**CONCRETE WARNING BAND
DETAIL**

NOT TO SCALE



**BOLLARD STRIPING
DETAIL**

NOT TO SCALE

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

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			Y. HO
			APPROVED

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FILE NAME: BL1521075P20T03MD-01
JOB No: 554-1521-075 P20T03
DATE: JULY 2014



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

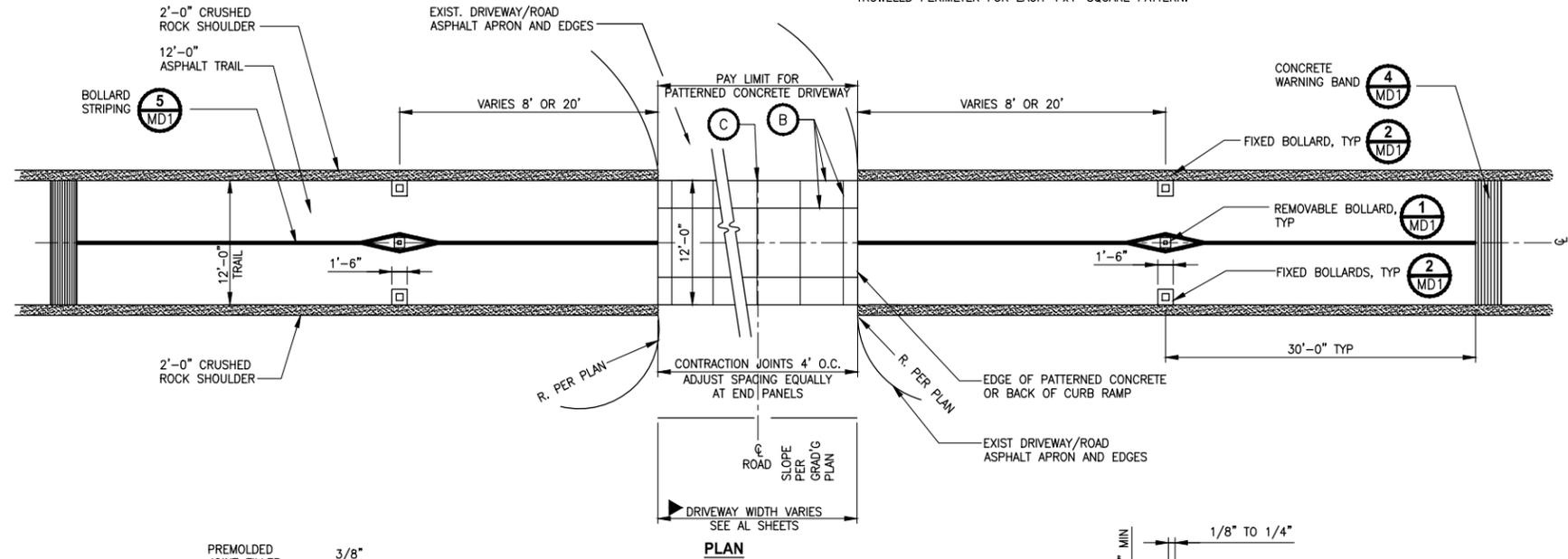
MISCELLANEOUS DETAILS

SHEET NO.
51 OF 57

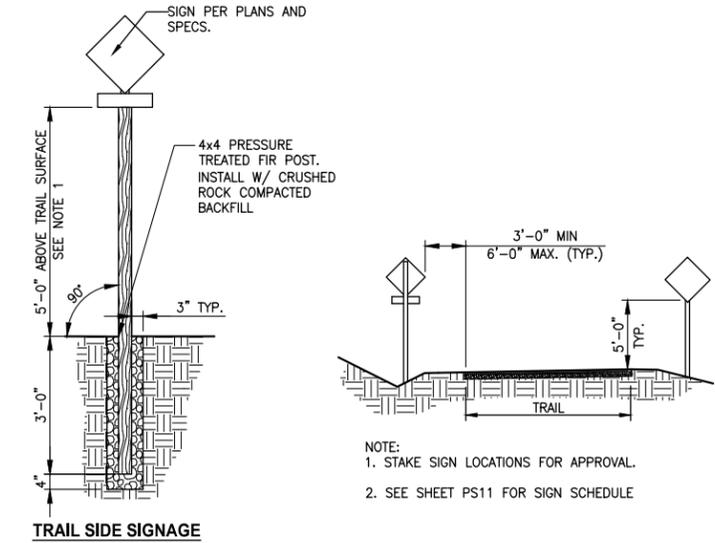
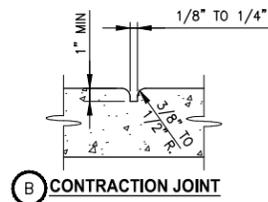
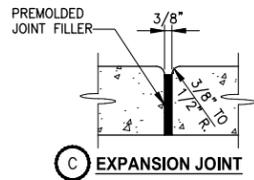
MD1

SEC'S 8, 17 TWP. 24 N., RGE. 06 E, W.M.

- NOTES:
- EXPANSION JOINT ALONG DRIVEWAY CENTERLINE. 15' MAXIMUM SPACING WHEN DRIVEWAY WIDTHS EXCEED 30'.
 - PAVEMENT SECTION FOR PATTERNED CONCRETE DRIVEWAY SHALL BE 6" CONCRETE CLASS 4000 AND 4" CRUSHED SURFACE BASE COURSE. BROOMED FINISH. PERPENDICULAR TO TRAIL TRAFFIC. 4" WIDE SMOOTH TROWELED PERIMETER FOR EACH 4'x4' SQUARE PATTERN.

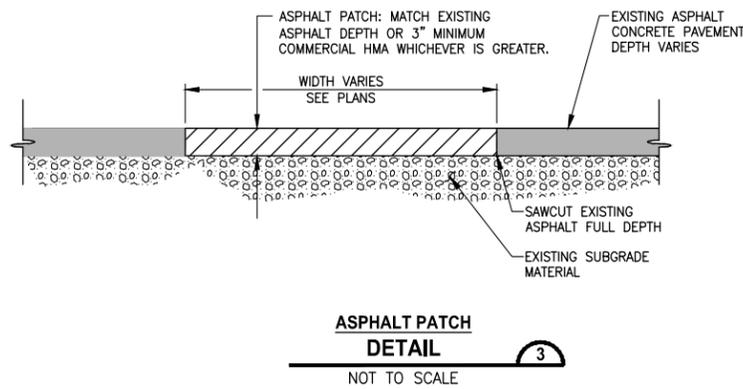


TYPICAL DRIVEWAY CROSSING (AT GRADE) DETAIL 1
NOT TO SCALE

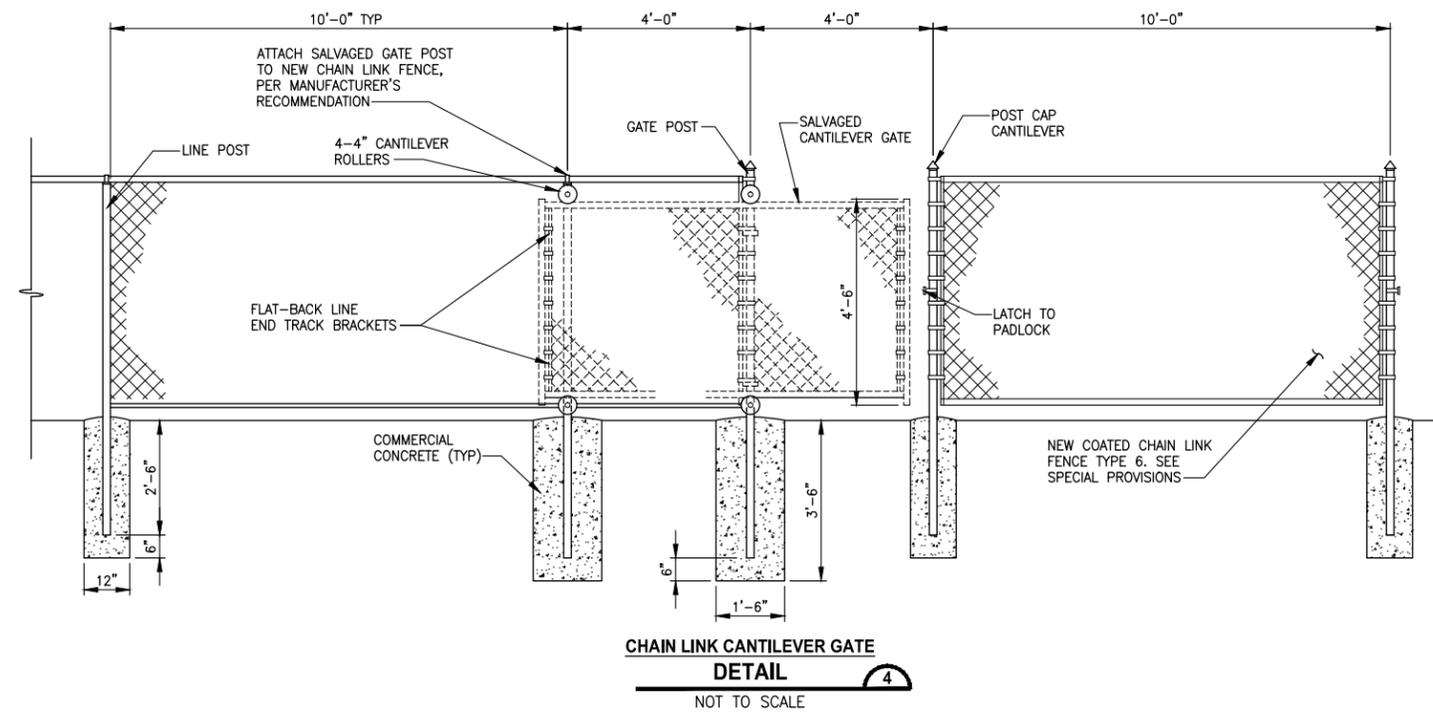


- NOTE:
- USE 7' MOUNTING HEIGHT FOR TRAFFIC SIGNS, SEE SPECIFICATIONS.
 - USE 5' MOUNTING HEIGHT FOR TRAIL SIGNS.

TRAIL SIGNAGE DETAIL 2
NOT TO SCALE



ASPHALT PATCH DETAIL 3
NOT TO SCALE



CHAIN LINK CANTILEVER GATE DETAIL 4
NOT TO SCALE

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

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FILE NAME: BL1521075P20T03MD-01
JOB No. 554-1521-075 P20T03
DATE: JULY 2014

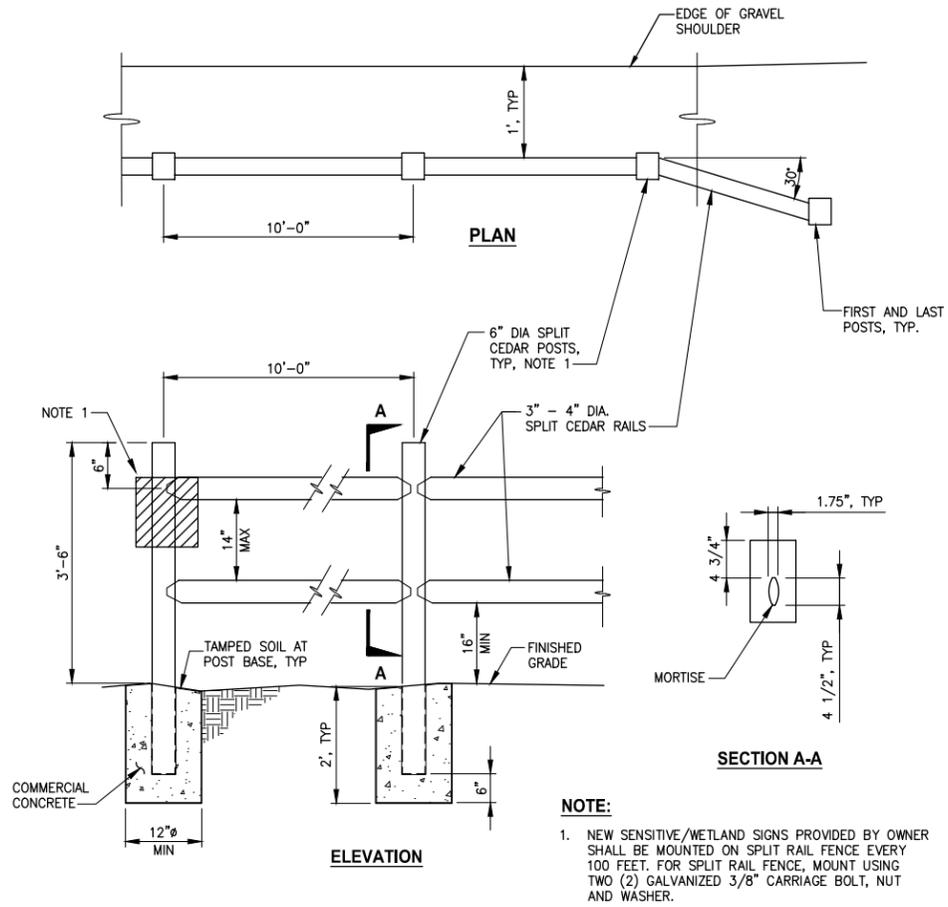


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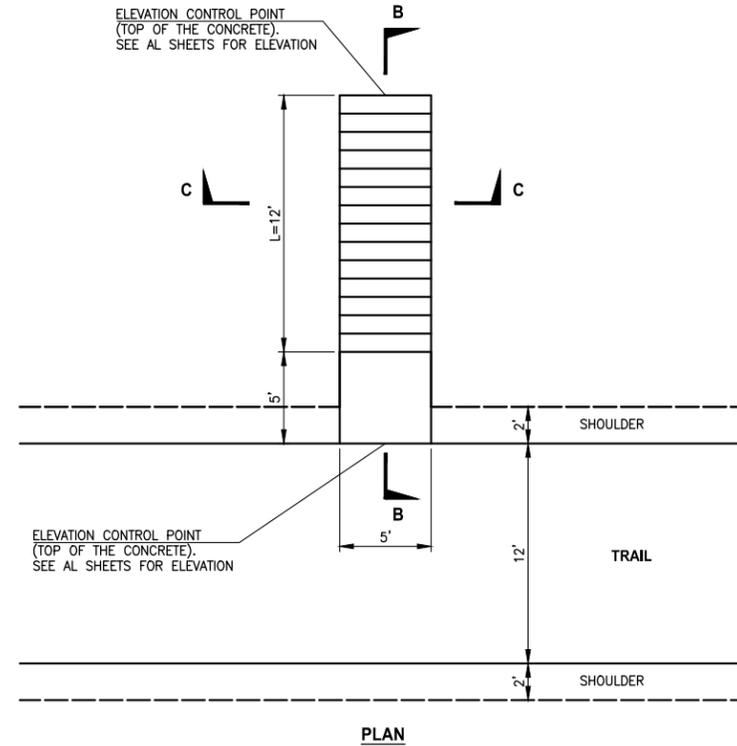
PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

MISCELLANEOUS DETAILS

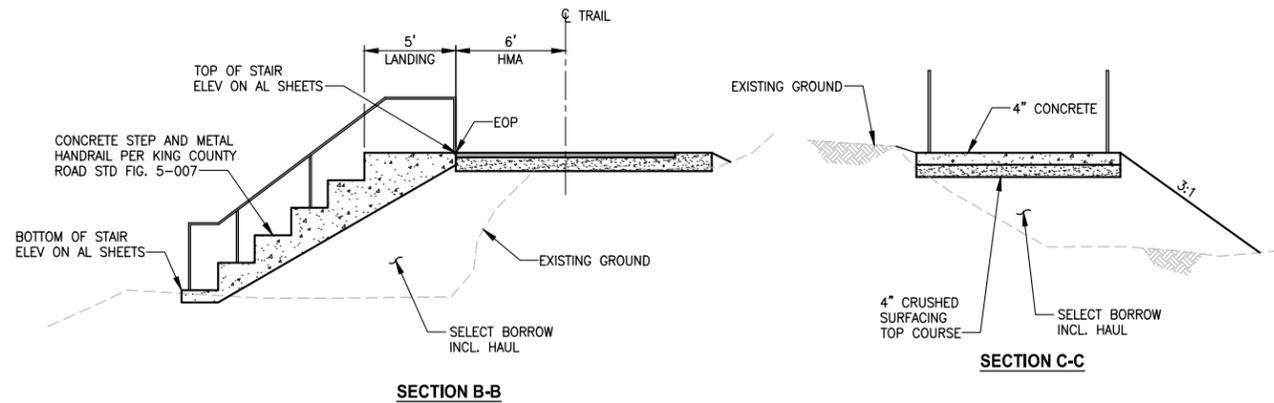
SHEET NO. 52 OF 57
MD2



**SPLIT RAIL FENCE-INSTALLATION ON GROUND
 DETAIL 1**
 NOT TO SCALE



**ASPHALT BUMP FOR DRAINAGE
 DETAIL 3**
 NO SCALE



**STAIR PERPENDICULAR TO TRAIL
 (STA 256+35.31)
 DETAIL 2**
 NOT TO SCALE

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

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 FILE NAME: BL1521075P20T03MD-01
 JOB No: 554-1521-075 P20T03
 DATE: JULY 2014



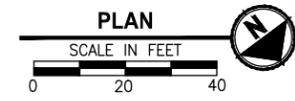
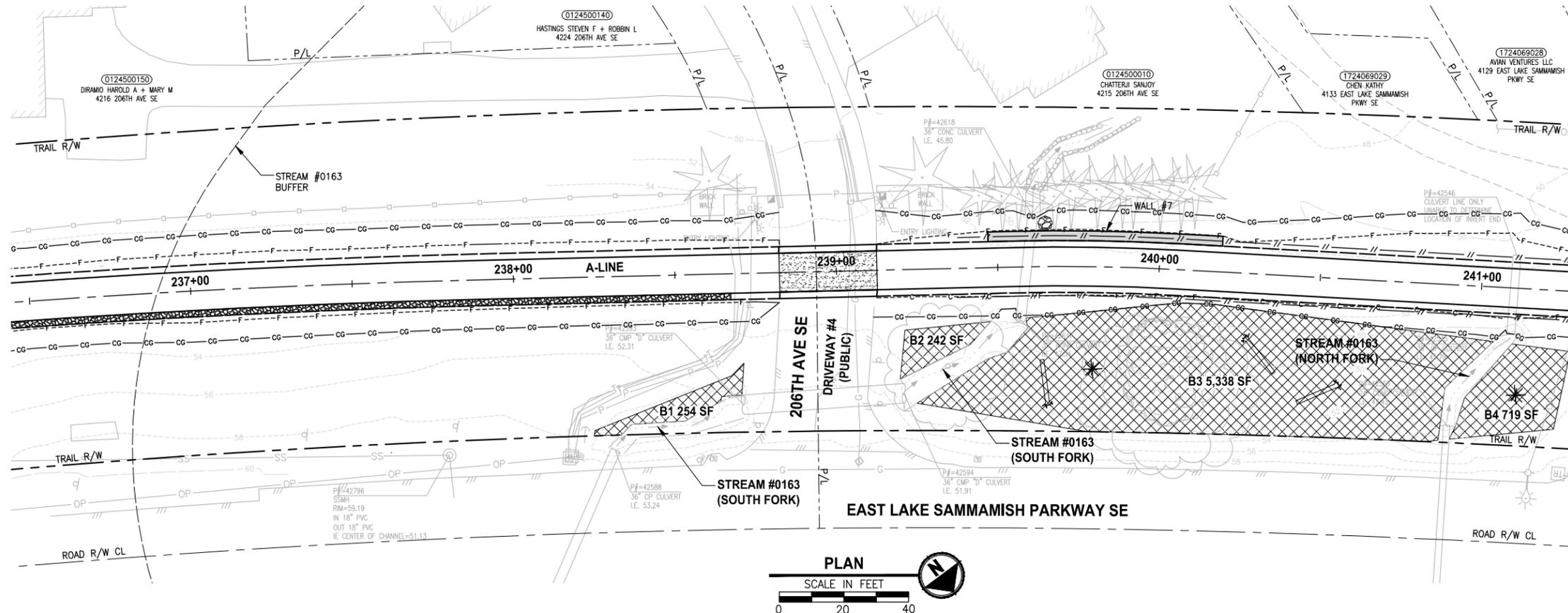
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 SOUTH SAMMAMISH SEGMENT A**
 SAMMAMISH, WA

MISCELLANEOUS DETAILS

SHEET NO.
 53 OF 57
MD3

SEC'S 8, 17 TWP. 24 N., RGE. 06 E, W.M.



NOTES:

- SEE SHEET MP2 AND MP3 FOR ADDITIONAL PLANTING NOTES, DETAILS AND REQUIREMENTS.
- USE ONLY HAND TOOLS AND METHODS WHEN WORKING INSIDE THE DRIPLINE AREA OF EXISTING TREES AND SHRUBS.
- ALL PLANTS TO BE SAVED AND PROTECTED WITHIN PLANTING AREAS WILL BE FLAGGED BY ENGINEER. NOTIFY ENGINEER 5 DAYS PRIOR TO START OF CLEARING ACTIVITY.
- COORDINATE DATA WILL BE PROVIDED ELECTRONICALLY FOR LOCATION OF PLANTING AREA BOUNDARIES.
- MITIGATION CLEARING AND GRUBBING. CLEAR GRUB ROOTS, REMOVE AND DISPOSE OF ALL UNWANTED VEGETATION IN ALL PLANTING AREAS. LEAVE SOIL IN PLACE.
- HERBICIDE TREATMENT. TREAT UNWANTED VEGETATION WITHIN ALL PLANTING AREAS WITH A NON-SELECTIVE HERBICIDE, MOW CLEAR AND DISPOSE OF ALL UNWANTED VEGETATION AND TREAT WITH HERBICIDE A SECOND TIME. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- REMOVE BURIED CONCRETE AND OTHER BURIED DEBRIS IN ALL AREAS WITHIN 2' OF THE SURFACE.
- TILLING. LOOSEN SOIL IN ALL PLANTING AREAS BY RIPPING OR TILLING TO A DEPTH OF 24". HAND TILL ONLY WITHIN THE DRIPLINE OF EXISTING TREES.
- SOIL AMENDMENT. PLACE 3" SOIL AMENDMENT AND TILL INTO SOIL TO A DEPTH OF 10" IN ALL PLANTING AREAS. SEE DETAIL 6 ON SHEET MP2.
- FINE COMPOST. PRIOR TO PLANTING AND PLACEMENT OF MULCH PLACE 1" COMPOST OVER ENTIRE SURFACE OF ALL PLANTING AREAS.
- WOOD CHIP MULCH. PLACE 3" LAYER WOOD CHIP MULCH OVER THE ENTIRE SURFACE OF ALL PLANTING AREAS.

LEGEND:

- HABITAT LOG. SEE DETAIL ON SHEET MP2.
- BRUSH PILE. SEE DETAIL ON SHEET MP2.

**PLANTING QUANTITY TAB
- THIS SHEET ONLY -**

SYMBOL	ITEM	QUANTITY BY AREA			
		B1 254 SF	B2 242 SF	B3 5,338 SF	B4 719 SF
	TREES 8' O.C.				
	BIG LEAF MAPLE	-	-	9	-
	WESTERN SERVICEBERRY	-	-	9	1
	PACIFIC DOGWOOD	1	1	9	1
	BITTER CHERRY	-	-	9	1
	DOUGLAS FIR	1	1	17	3
	SCOUCLERS WILLOW	-	-	4	1
	SITKA WILLOW	2	2	9	1
	WESTERN RED CEDAR	1	1	9	3
	WESTERN HEMLOCK	-	-	11	1
	SHRUBS 4' O.C.				
	VINE MAPLE	1	1	27	4
	RED-TWIG DOGWOOD	3	3	26	4
	WESTERN HAZEL	1	1	26	4
	PACIFIC NINEBARK	1	1	52	6
	INDIAN PLUM	2	2	26	4
	NOOTKA ROSE	3	3	52	7
	SNOWBERRY	3	3	52	7

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

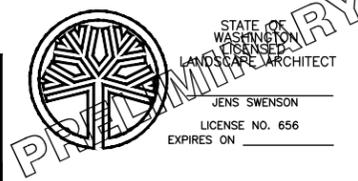
**60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

MITIGATION PLAN

REVISIONS	DATE	BY	DESIGNED
			J. SWENSON
			B. PURGANAN
			Y. HO

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

FILE NAME: BL1521075P20T03MP-01
JOB No.: 554-1521-075 P20T03
DATE: JULY 2014



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

SHEET NO.
55 OF 57

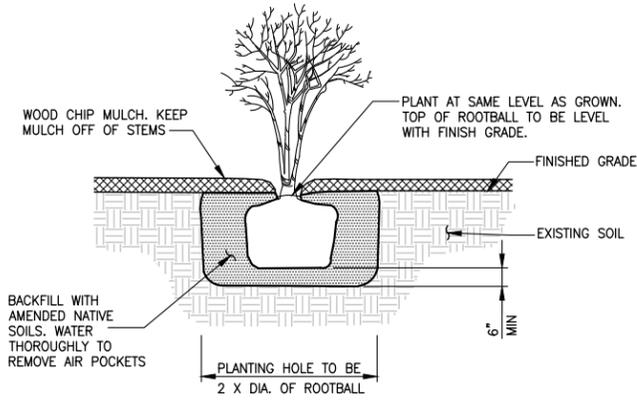
MP1

LAYOUT: MP1 PATH: U:\Ball\Projects\Clients\1521-075-ELST\985Sec\CAD\Phase 20\Task 03.DWG\ PLOTTED BY: purgaban DATE: Tuesday, July 29, 2014 4:41:08 PM

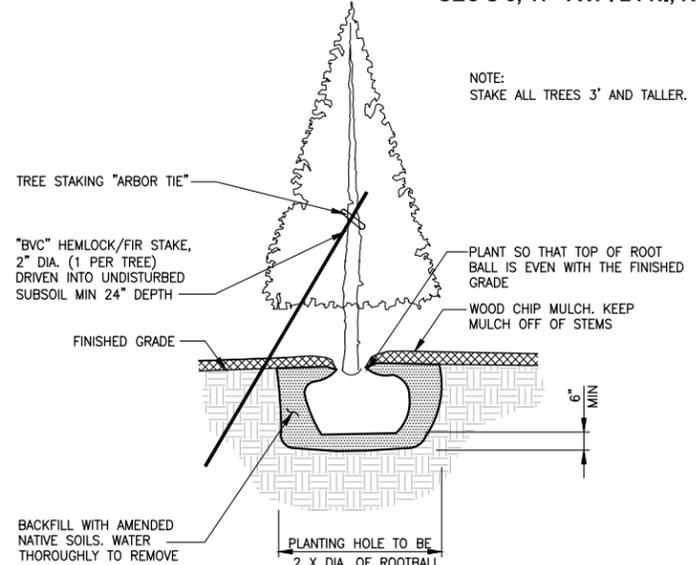
SEC'S 8, 17 TWP. 24 N., RGE. 06 E, W.M.

PLANTING NOTES:

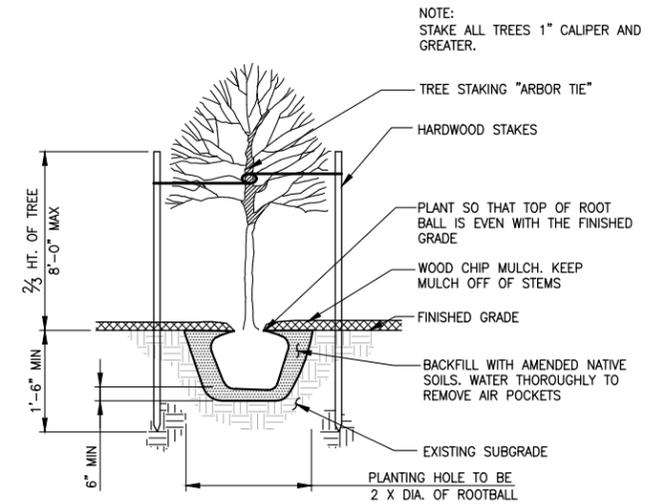
- CONTRACTOR SHALL ARRANGE TO MEET ON SITE WITH THE PROJECT REPRESENTATIVE TO DISCUSS LIMITS OF WORK AND METHODS. CONSTRUCTION ACTIVITIES SHALL NOT COMMENCE UNTIL ACCESS, LIMITS OF WORK, AND METHODS ARE APPROVED.
- MITIGATION PLANTING PLANS REPRESENT A CONCEPTUAL PLANT LAYOUT. FINAL PLANT LOCATIONS SHALL BE APPROVED BY PROJECT REPRESENTATIVE PRIOR TO PLANTING.
- ALL PLANTS SHALL BE NURSERY GROWN A MINIMUM OF ONE YEAR. PLANT MATERIAL IS TO BE SUPPLIED BY COMMERCIAL NURSERIES THAT SPECIALIZE IN PLANTS NATIVE TO THE PACIFIC NORTHWEST. PLANT SUBSTITUTIONS ARE SUBJECT TO APPROVAL BY PROJECT REPRESENTATIVE.
- MITIGATION PLANTING SHALL TAKE PLACE DURING THE DORMANT SEASON (OCTOBER 1ST TO MARCH 1ST). PLANTING MAY BE ALLOWED AT OTHER TIMES AFTER REVIEW AND WRITTEN APPROVAL BY PROJECT REPRESENTATIVE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS AND EXCESS SOIL OCCASIONED BY THIS PROJECT.
- CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO EXCAVATION.
- CONTRACTOR SHALL SETBACK PLANTINGS FROM OTHER OBJECTS AS PROVIDED IN THE PLANT MATERIAL SETBACK CHART THIS SHEET.
- ALL DIMENSIONS FOR LISTED HEIGHT, LENGTH AND CONTAINER SIZE ARE MINIMUM REQUIREMENTS.
- EXISTING AREAS DISTURBED BY CONSTRUCTION ACTIVITIES AND NOT SHOWN TO BE RE-VEGETATED ON THESE PLANS SHALL BE RESTORED AND SEEDED.
- DISCREPANCIES BETWEEN THE PLANS AND SITE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT REPRESENTATIVE PRIOR TO PROCEEDING WITH EFFECTED WORK.
- SEE TE SHEETS FOR TEMPORARY EROSION CONTROL MEASURES.
- AFTER COMPLETION OF INITIAL PLANTING SPRAY MITIGATION AREA TREES AND SHRUBS ONLY WITH AN HERBIVORE REPELLENT TREATMENT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING PLANTS FOR THE FIRST YEAR AFTER ACCEPTANCE OF COMPLETION OF PLANTING FOR THE PROJECT. COUNTY WILL MAKE PROVISIONS FOR WATERING AS NEEDED FOR THE REMAINDER OF THE ESTABLISHMENT PERIOD AFTER THE FIRST YEAR.



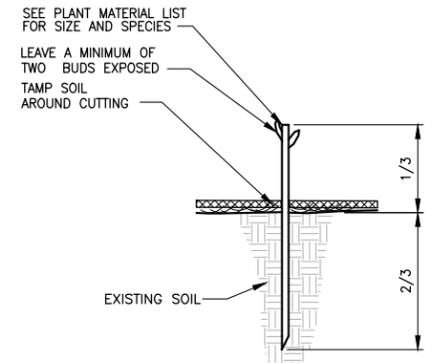
SHRUB AND SMALL TREE PLANTING DETAIL
NO SCALE



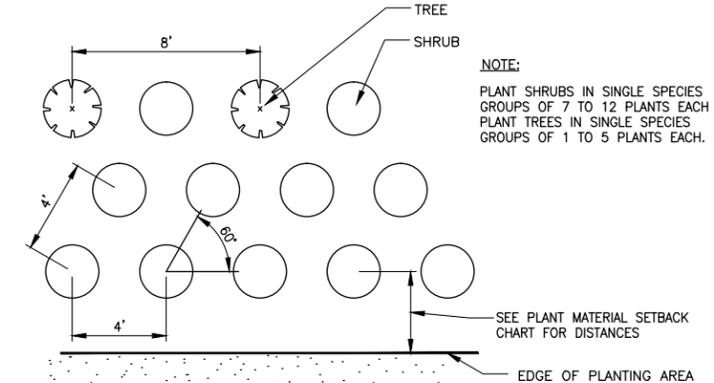
CONIFEROUS TREE PLANTING DETAIL
NO SCALE



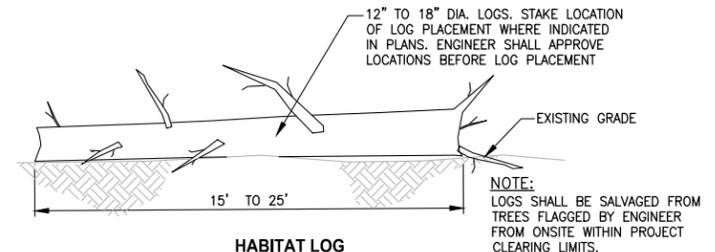
DECIDUOUS TREE PLANTING DETAIL
NO SCALE



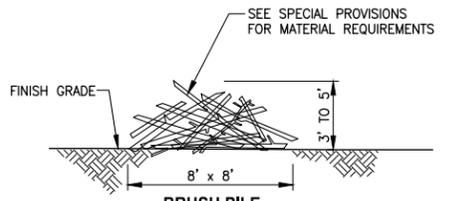
LIVE STAKE INSTALLATION DETAIL
NO SCALE



TYPICAL TREE AND SHRUB SPACING DETAIL
NO SCALE



HABITAT LOG DETAIL
NO SCALE



BRUSH PILE DETAIL
NO SCALE

PLANT MATERIAL LIST

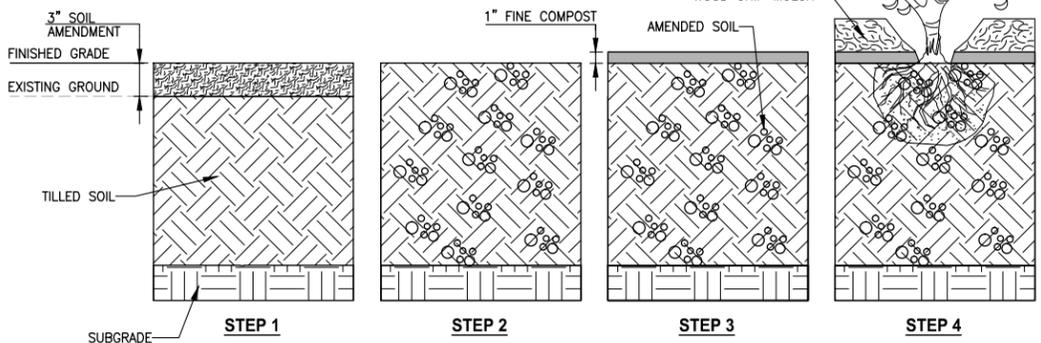
QUANTITY	BOTANICAL NAME	COMMON NAME	MIN SIZE / CONDITION	NOTES/ SPACING	
TREES					
9	ACER MACROPHYLLUM	BIG LEAF MAPLE	1" CALIPER	SPACE PLANTS 8' O.C.	
10	AMELANCHIER ALNIFOLIA	WESTERN SERVICEBERRY	1" CALIPER		
12	CORNUS NUTTALLII	PACIFIC DOGWOOD	1" CALIPER		
10	PRUNUS EMARGINATA	BITTER CHERRY	1" CALIPER		
22	PSUEDOTSGA MENZIESII	DOUGLAS FIR	3' HEIGHT		
5	SALIX SCOULERIANA	SCOULEERS WILLOW	1" CALIPER		
14	SALIX SITCHENSIS	SITKA WILLOW	1/2"x 3' LIVE STAKE	SPACE PLANTS 4' O.C.	
14	THUJA PLICATA	WESTERN RED CEDAR	3' HT		
12	TSUGA HETEROPHYLLA	WESTERN HEMLOCK	3' HT		
SHRUBS					
33	ACER CIRCINATUM	VINE MAPLE	12" HT/ #1 CONT		
36	CORNUS SERICEA	RED-TWIG DOGWOOD	12" HT/ #1 CONT		
32	CORYLUS CORNUTA	WESTERN HAZEL	12" HT/ #1 CONT		
60	PHYSOCARPUS CAPITATUS	PACIFIC NINEBARK	12" HT/ #1 CONT		
34	OEMLARIA CERASIFORMIS	INDIAN PLUM	12" HT/ #1 CONT		
65	ROSA NUTKANA	NOOTKA ROSE	12" HT/ #1 CONT		
65	SYMPHORICARPOS ALBUS	SNOWBERRY	12" HT/ #1 CONT		

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.

- STEP 1**
TILL, DISC OR RIP SOIL IN PLANTING AREAS TO 10" DEPTH. PLACE 3" OF SOIL AMENDMENT OVER SOIL SURFACE.
- STEP 2**
TILL SOIL AMENDMENT INTO TOP 10" OF ENTIRE PLANTING ZONES NATIVE SOIL AFTER CLEARING AND GRUBBING.
- STEP 3**
INSTALL 1" FINE COMPOST OVER PLANTING AREA WHERE CALLED FOR IN PLANS.
- STEP 4**
INSTALL PLANTS FOLLOWED BY 3" WOOD CHIP MULCH.



PLANTING AREA SOIL AMENDMENT-SEQUENCE OF WORK DETAIL
NO SCALE

CITY OF SAMMAMISH APPROVAL

City Engineer _____ Date _____

Community Development _____ Date _____

60% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

PATH: U:\Bell\Projects\Clients\1521-King_City\554-1521-075-ELST\99Secs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purganbut DATE: Tuesday, July 29, 2014 4:41:15 PM LAYOUT: MP2

REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
			J. SWENSON	B. PURGANAN	Y. HO	

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P20T03MP-01
JOB No: 554-1521-075 P20T03
DATE: JULY 2014

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 A
SAMMAMISH, WA

MITIGATION PLANTING DETAILS

SHEET NO. 56 OF 57

MP2

1 MITIGATION GOALS, OBJECTIVES, AND PERFORMANCE STANDARDS

THE OVERALL GOAL FOR THE ON-SITE STREAM BUFFER MITIGATION SITE IS TO REPLACE THE HABITATS AND FUNCTIONS LOST AS A RESULT OF THE PROJECT. SPECIFIC GOALS AND OBJECTIVES FORMULATED TO ACHIEVE THIS RESULT ARE PRESENTED BELOW.

1.1 MITIGATION GOALS

THE MITIGATION GOALS IS:

- ENHANCE 0.15 ACRE OF STREAM BUFFER.

ACHIEVEMENT OF THIS GOAL IS EXPECTED TO PROVIDE THE FOLLOWING IMPROVEMENTS TO STREAM BUFFER FUNCTIONS:

- INCREASE THE PRODUCTION OF ORGANIC MATTER BY PLANTING TREES AND SHRUBS IN THE ENHANCED STREAM BUFFER.
- INCREASE FISH AND WILDLIFE HABITAT AND IMPROVE BIOLOGICAL DIVERSITY BY PLANTING WITH A VARIETY OF NATIVE PLANT SPECIES AND INSTALLING HABITAT FEATURES (HABITAT LOGS AND BRUSH PILES).
- INCREASE VISUAL AND AURAL SCREENING FOR SCREENING OF THE LAKE SAMMAMISH PARKWAY AND THE TRAIL FOR WILDLIFE.

1.2 MITIGATION OBJECTIVES AND PERFORMANCE STANDARDS

BUFFER PLANT COMMUNITY

OBJECTIVE 1: ESTABLISH A MINIMUM OF 0.15 ACRE FORESTED STREAM BUFFER.

PERFORMANCE STANDARDS:

YEAR 1 SURVIVAL OF PLANTED WOODY SPECIES IN ENHANCED STREAM BUFFER WILL BE AT LEAST 80 PERCENT.

YEAR 3 NATIVE WOODY SPECIES WILL ACHIEVE A MINIMUM OF 35 PERCENT AREAL COVER IN THE ENHANCED STREAM BUFFER.

YEAR 5 NATIVE WOODY SPECIES WILL ACHIEVE A MINIMUM OF 60 PERCENT AREAL COVER IN THE ENHANCED STREAM BUFFER.

OBJECTIVE 2: LIMIT INVASIVE NON-NATIVE SPECIES THROUGHOUT THE MITIGATION SITE PLANTING AREA.

PERFORMANCE STANDARD:

YEARS 1-5 HIMALAYAN BLACKBERRY, CUTLEAF BLACKBERRY, SCOTCH BROOM, ENGLISH IVY, AND REED CANARYGRASS WILL NOT EXCEED 20 PERCENT AERIAL COVER IN THE PLANTING AREA.

OBJECTIVE 3: DOCUMENT SITE DEVELOPMENT.

PERFORMANCE STANDARD:

PERMANENT PHOTOGRAPHIC STATIONS WILL BE ESTABLISHED TO MONITOR THE DEVELOPMENT OF THE SITE. 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.

WILDLIFE HABITAT

OBJECTIVE 4: PROVIDE UPLAND WILDLIFE HABITAT.

PERFORMANCE STANDARD:

YEARS 1, 3, 5 INCREASE IN AREAL COVER OF NATIVE WOODY SPECIES IN THE PLANTED STREAM BUFFER AS MEASURED IN OBJECTIVES 2 AND 3, TO BE USED AS A SURROGATE TO INDICATE INCREASING HABITAT FUNCTIONS.

YEARS 1, 3, 5 INSTALLED HABITAT FEATURES ARE PRESENT AND FUNCTIONAL.

ANTHROPOGENIC DISTURBANCE

OBJECTIVE 6: PROTECT THE MITIGATION SITE FROM ANTHROPOGENIC DISTURBANCE.

PERFORMANCE STANDARD:

YEARS 1-5 CONDUCT QUALITATIVE MONITORING TO ASSESS THE STATUS OF THE SITE ANNUALLY DURING THE 5-YEAR MONITORING PERIOD TO MONITOR FOR HUMAN DISTURBANCE, INCLUDING BUT NOT LIMITED TO FILLING, TRASH, AND VANDALISM.

YEARS 1-5 INSTALL AND MAINTAIN FENCES AND APPROPRIATE SIGNS ALONG THE TRAIL AND ADJACENT TO EACH SITE TO IDENTIFY THEIR PROTECTED STATUS.

2 MONITORING AND MAINTENANCE

2.1 MONITORING

THE MITIGATION AREA 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 SITE PREPARATION AND PLANTING) WILL BE COORDINATED TO ENSURE THAT THE SITE IS CONSTRUCTED AS DESIGNED.

AFTER CONSTRUCTION IS COMPLETED, 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 5-YEAR PERIOD BY A QUALIFIED PROFESSIONAL (SMC 21A.50.145; 21A.50.350). A COMBINATION OF QUANTITATIVE AND QUALITATIVE MONITORING METHODS 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 APPLICABLE PERMITTING AGENCIES.

APPROPRIATE CONTINGENCY MEASURES WILL BE DEVELOPED, AS NEEDED, BY A QUALIFIED PROFESSIONAL TO ENSURE THAT THE SITE DEVELOPS HEALTHY VEGETATION THAT MEETS THE OBLIGATIONS DESCRIBED IN THIS MITIGATION PLAN AND THE ASSOCIATED PERMITS.

2.1.1 QUANTITATIVE MONITORING

THE FOLLOWING BULLETED ITEMS DESCRIBE THE METHODS TO BE USED FOR THE QUANTITATIVE MONITORING (YEARS 1, 3, AND 5), MONITORING SCHEDULE, AND REPORT DEADLINES.

- THE STREAM BUFFER ENHANCEMENT SITE WILL BE ASSESSED BY AN APPROPRIATE QUANTITATIVE VEGETATIVE COVER FIELD ASSESSMENT METHODOLOGY (E.G., THE LINE INTERCEPT METHOD) FOR DETERMINING PERCENT AERIAL COVER FOR DESIRABLE WOODY SPECIES AND INVASIVE SPECIES.
- THE PRESENCE OF INSTALLED HABITAT FEATURES WILL BE ASSESSED EACH YEAR DURING VEGETATION MONITORING.
- 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.
- QUANTITATIVE MONITORING WILL INCLUDE PHOTOGRAPHIC DOCUMENTATION OF THE SITE FROM PERMANENT PHOTOGRAPH STATIONS.

2.1.2 QUALITATIVE MONITORING

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.

2.2 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 5 YEARS, OR UNTIL ALL PERFORMANCE STANDARDS ARE MET AND THE SITE IS CLOSED WITH THE APPROVAL OF PERMITTING AGENCIES.

PLANTED VEGETATION SPECIES SHOULD BE ADAPTED TO VARYING SITE CONDITIONS IN THE PUGET SOUND LOWLAND, THOUGH 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 PLANT SPECIES IN THE MITIGATION AREAS MAY 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.

ADDITIONALLY, APPLICATION OF AN HERBIVORE REPELLENT (I.E., PLANTSKYDD®) MAY BE NECESSARY FOR ALL PLANTS WITHIN THE SITE UPON COMPLETION OF PLANT INSTALLATION TO MINIMIZE BROWSE AND OTHER DAMAGE TO PLANTS FROM WILDLIFE DURING THE ESTABLISHMENT PERIOD.

2.3 CONTINGENCY MEASURES

IF MONITORING INDICATES THAT THE SITE IS NOT MEETING PERFORMANCE STANDARDS, CONTINGENCY MEASURES WILL BE IMPLEMENTED (TABLE 2-1). SITE CONDITIONS WILL BE EVALUATED TO DETERMINE THE CAUSE OF THE PROBLEM AND THE MOST APPROPRIATE COUNTERMEASURE.

TABLE 2-1. CONTINGENCY MEASURES FOR THE MITIGATION SITE

PROBLEM	CONTINGENCY MEASURE
LESS THAN 80% OF PLANTED WOODY SPECIES SURVIVE IN YEAR 1	KING COUNTY BIOLOGISTS (OR OTHER QUALIFIED BIOLOGIST) WILL ASSESS THE SITE TO DETERMINE WHAT CONDITIONS ARE PREVENTING THE PLANTS FROM THRIVING. APPROPRIATE MEASURES WILL BE TAKEN TO CORRECT ANY CONDITIONS THAT ARE LIMITING GROWTH. LOST PLANTS WILL BE REPLACED WITH APPROPRIATE NATIVE SPECIES UNLESS APPROPRIATE NATIVE WOODY SPECIES ARE VOLUNTEERING AT A RATE SUFFICIENT TO REPLACE THEM. ADDITIONAL MEASURES (SUCH AS PROVIDING ADDITIONAL PROTECTION) WILL BE CONSIDERED IF NECESSARY.
PERCENT COVER FOR WOODY SPECIES NOT MET DURING YEARS 3 OR 5	KING COUNTY BIOLOGISTS (OR OTHER QUALIFIED BIOLOGIST) WILL ASSESS THE SITE TO DETERMINE WHAT CONDITIONS ARE PREVENTING THE PLANTS FROM THRIVING. APPROPRIATE MEASURES 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 5	CONTINUE THE MONITORING REGIME FOR 1 ADDITIONAL YEAR. THE SITE WILL CONTINUE TO BE EVALUATED EVERY YEAR UNTIL IT HAS MET THE STATED PERFORMANCE STANDARDS ASSOCIATED WITH MANAGEMENT OBJECTIVES. OTHER CONTINGENCY MEASURES MAY BE IMPLEMENTED DURING THIS PERIOD.

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.

NOTE: THE CONTRACTOR IS RESPONSIBLE FOR THE FIRST YEAR PLANT ESTABLISHMENT AND OTHER ASSOCIATED MAINTENANCE PER WSDOT SPECIFICATIONS. AFTER THE FIRST YEAR THE COUNTY WILL MAKE PROVISIONS TO MAINTAIN THE MITIGATION SITES. THE COUNTY WILL PERFORM THE ANNUAL MONITORING PROGRAM DESCRIBED ON THIS PLAN SHEET TO ASSESS ACHIEVEMENT OF PERFORMANCE STANDARDS.

LAYOUT: MP3 PATH: U:\Bell\Projects\Clients\1521-King_City\554-1521-075-ELST\99Secs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purganbut DATE: Tuesday, July 29, 2014 4:41:20 PM

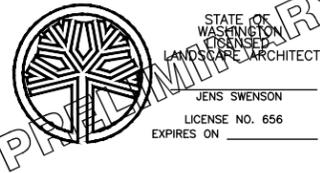
REVISIONS	DATE	BY	DESIGNED
			J. SWENSON
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PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A**
SAMMAMISH, WA

MITIGATION NOTES

SHEET NO.
57 OF 57

MP3

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

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