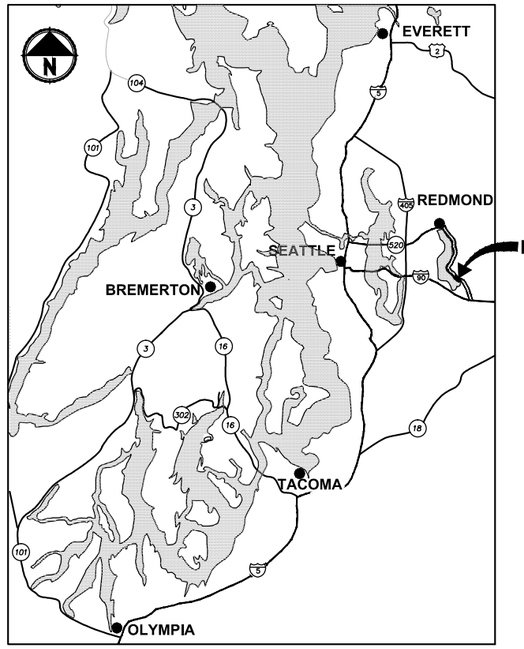
SEC'S 8, 17 TWP. 24 N., RGE. 06 E, W.M.

East Lake Sammamish Master Plan Trail, South Sammamish Segment A

Issaquah/Sammamish City Limit to SE 33rd Street

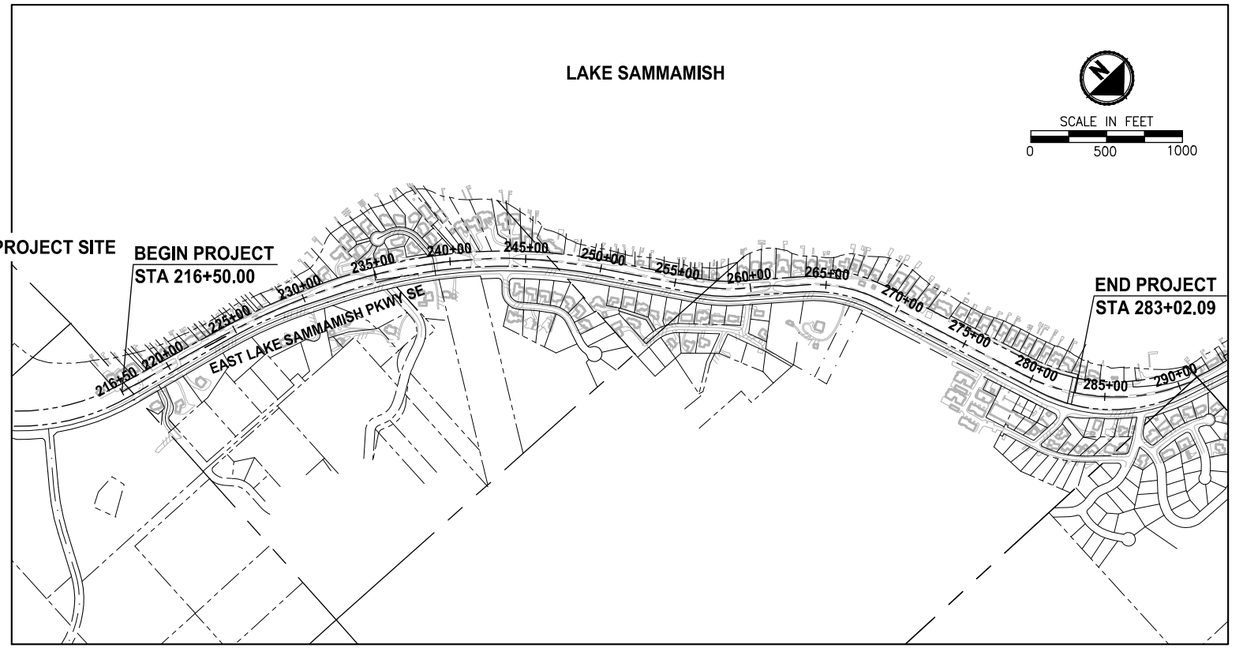
King County, Washington

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

OWNER:
KING COUNTY PARKS AND RECREATION DIVISION

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

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

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

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 OF THE NORTHWEST 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 SOUTHEST 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 & SOUTWEST 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 SOUTHEAST 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 = 226,061 SF (5.19 AC)
EXISTING IMPERVIOUS AREA = 162,803 SF (3.7 AC)
PROPOSED IMPERVIOUS AREA = 269,681 SF (6.2 AC)
VOLUME OF ESTIMATED FILL = 3,045 CY
VOLUME OF ESTIMATED EXCAVATION = 4,190 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.

SSDP2014-00171
SHOR-14-0022
GRDE14-0052

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL15210 75P20T03G-01
JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

PRELIMINARY
YAMMIE Y. HO
STATE OF WASHINGTON
40829
REGISTERED PROFESSIONAL ENGINEER

Parametrix
ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

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

COVER SHEET

SHEET NO.
1 OF 79
G1

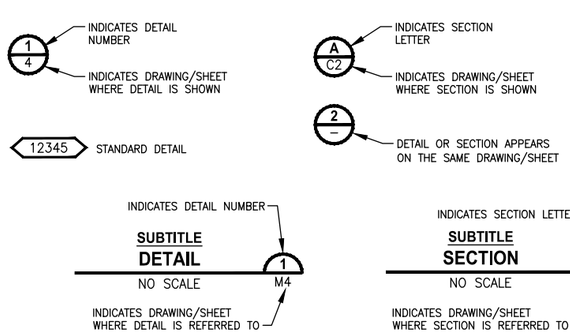
PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995xcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 3:05:00 PM LAYOUT: G1

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

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		

DETAIL AND SECTION DESIGNATION



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6	G6	SURVEY CONTROL PLAN
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7	CS1	TYPICAL CROSS SECTIONS
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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
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18	SP2	SITE PREPARATION AND TESC PLAN
19	SP3	SITE PREPARATION AND TESC PLAN
20	SP4	SITE PREPARATION AND TESC PLAN
21	SP5	SITE PREPARATION AND TESC PLAN
22	SP6	SITE PREPARATION AND TESC PLAN
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24	SP8	SITE PREPARATION AND TESC PLAN
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30	AL5	PLAN AND PROFILE
31	AL6	PLAN AND PROFILE
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34	AL9	PLAN AND PROFILE
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39	AL14	PLAN AND PROFILE
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47	DP5	DRIVEWAY PLAN AND PROFILE
48	DP6	DRIVEWAY PLAN AND PROFILE
49	DP7	DRIVEWAY PLAN AND PROFILE
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60	PS6	PAVEMENT MARKING AND SIGNING PLAN
61	PS7	PAVEMENT MARKING AND SIGNING PLAN
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78	MD3	MISCELLANEOUS DETAILS
79	MD4	MISCELLANEOUS DETAILS

CITY OF SAMMAMISH APPROVAL

City Engineer — Date

Community Development — Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME BL1521075P20T03G-02
JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

PRELIMINARY

YAMMIE Y. HO — STATE OF WASHINGTON — 40829 — REGISTERED PROFESSIONAL ENGINEER

Parametrix
ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

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

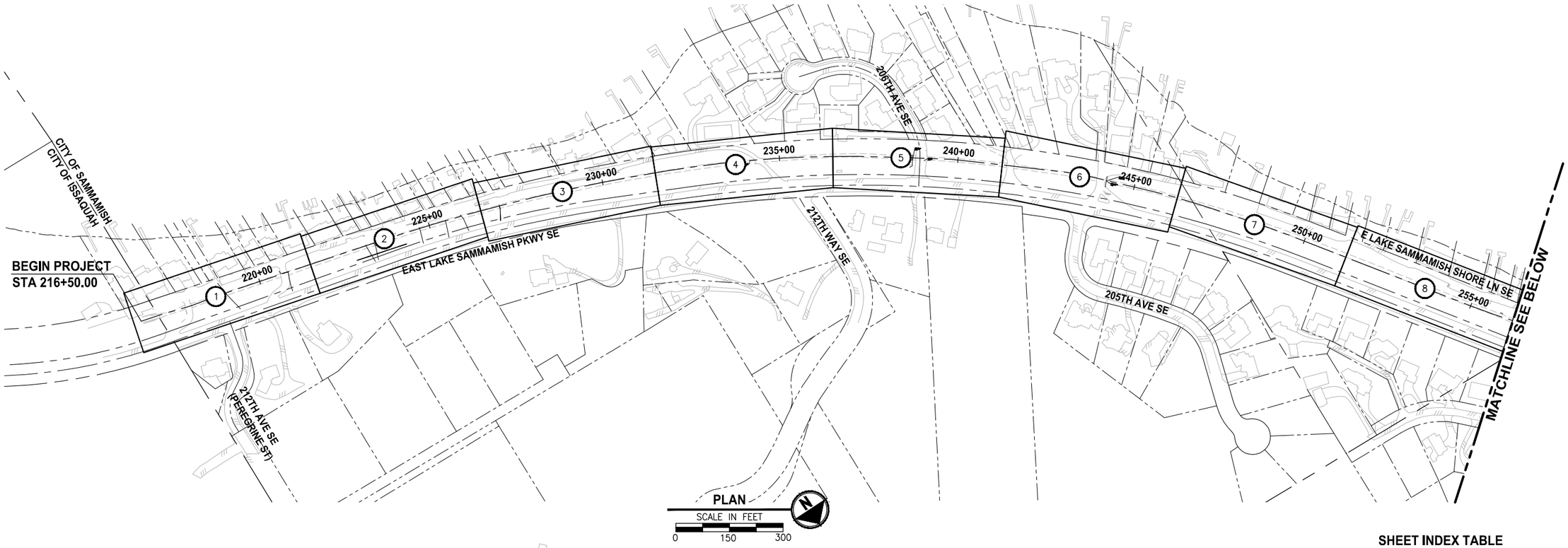
ABBREVIATIONS AND SHEET LIST

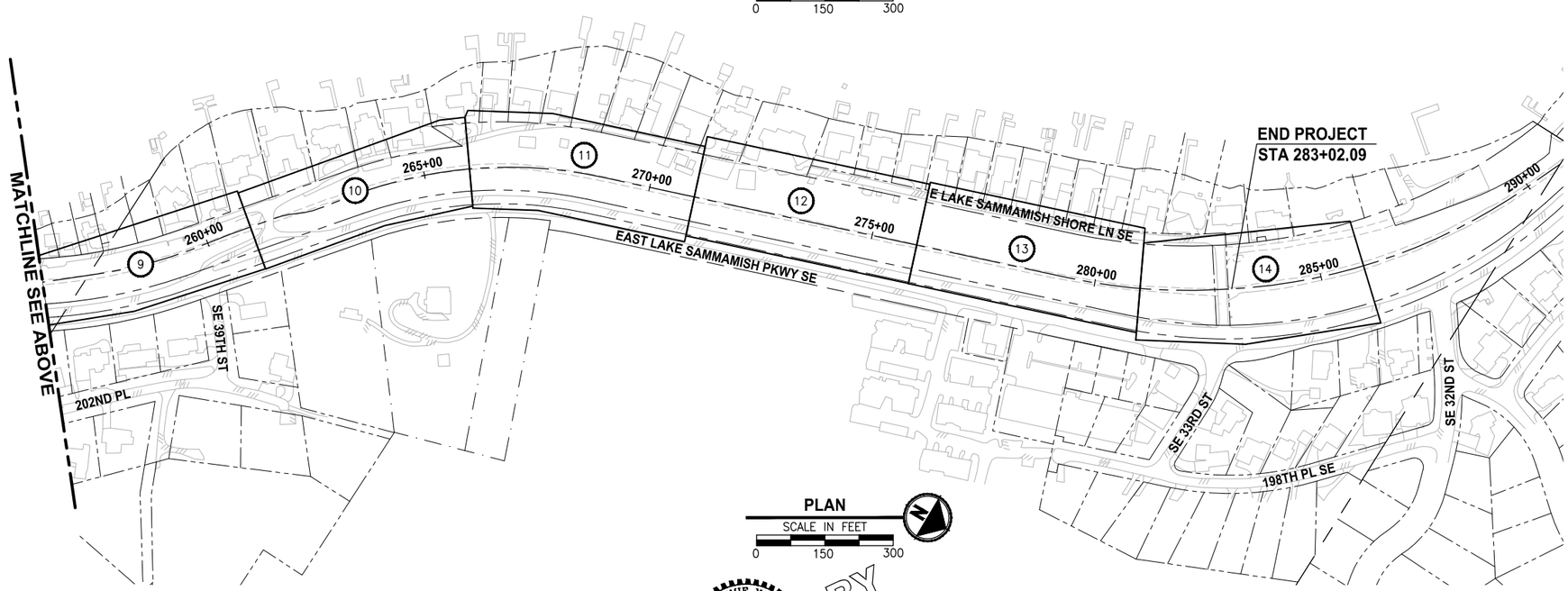
SHEET NO. 2 OF 79

G2

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:41:23 PM LAYOUT: G2

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





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(X)	EXISTING CONDITIONS PLAN	SITE PREPARATION PLAN	PLAN AND PROFILE	PAVEMENT MARKING AND SIGNING PLAN	LANDSCAPE PLAN
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2	EX1	SP1	AL2	PS1	LA1
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4	EX2	SP2	AL4	PS2	LA2
5	EX3	SP3	AL5	PS3	LA3
6	EX3	SP3	AL6	PS3	LA3
7	EX4	SP4	AL7	PS4	LA4
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9	EX5	SP5	AL9	PS5	LA5
10	EX5	SP5	AL10	PS5	LA5
11	EX6	SP6	AL11	PS6	LA6
12	EX7	SP7	AL12	PS7	LA7
13	EX8	SP8	AL13	PS8	LA8
14	EX9	SP9	AL14	PS9	LA9

CITY OF SAMMAMISH APPROVAL

City Engineer — Date

Community Development — Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME BL1521075P20T03G-03
JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

PRELIMINARY
YAMMIE Y. HO — STATE OF WASHINGTON — 40829 — REGISTERED PROFESSIONAL ENGINEER

Parametrix
ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

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

SHEET INDEX

SHEET NO. 3 OF 79

G3

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995ves\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgobut DATE: Thursday, December 18, 2014 12:41:46 PM
LAYOUT: G3

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

LEGEND

DESCRIPTION	PROPOSED	EXISTING
RIGHT OF WAY		R/W
PROPERTY LINE		P/L
FOUND MONUMENTS		
REBAR & CAP		
HUB & TACK		
PK NAIL		
FOUND MAG NAIL		
SET MAG NAIL		
PROPERTY CORNER		
STREAM BUFFER		B
STREAM		
EDGE OF WATER		
WETLAND FLAG		
WETLAND BUFFER		
ORDINARY HIGH WATER MARK		
FLOODWAY BOUNDARY		
DITCH		
JURISDICTIONAL DITCH CENTERLINE & EDGES		
UNDERDRAIN PIPE	UD	
TEMPORARY DRAIN PIPE	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		SS
CLEANOUT		CO
CONTOURS MAJOR	10	10
CONTOURS MINOR	2	2
HIGH VISIBILITY SILT FENCE		
HIGH VISIBILITY FENCE		
CLEARING AND GRUBBING LIMITS	CG	CG
CLEARING LIMITS	CLR	CLR
FILL LINE	F	F
CUT LINE	C	C
SAWCUT		
ASPHALT EDGE		
CONCRETE LINE		
CURB AND GUTTER		
EDGE OF PATCH		
EDGE OF GRAVEL		

LEGEND

DESCRIPTION	PROPOSED	EXISTING
BARBWIRE FENCE		
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		P
POWER TRANSFORMER		
POWER MANHOLE		P
POWER HANDHOLE		
POWER CABINET		PWR CAB
POWER RISER		PR
POWER METER		
SOLID LID J-BOX		
LUMINAIRE		
TELEPHONE VAULT		T
TELEPHONE RISER		TR
TELEPHONE MANHOLE		T
TELEPHONE		T
TV RISER		TV
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)		TL
TRAFFIC CONTROL CABINET		
PEDESTRIAN POLE		
MONITORING WELL		
SURFACE POST		
SIGN		
SKIP LANE LINE		
SOLID LANE LINE		
FOG LINE		
LTO ARROW		
STO ARROW		
RTO ARROW		
MAILBOX		
DECIDUOUS TREE		
CONIFEROUS TREE		
WETLAND SYMBOL		
WETLAND BOUNDARY		
VEGETATION		
STRUCTURAL EARTH WALL		
SOLDIER PILE WALL		
RIP RAP		
ROCKERY		
HANDICAPPED SYMBOL		
WHEELCHAIR RAMP		
BUILDING LINE		
CONCRETE STAIR LINE		
WOOD STAIRWAY		
REMOVE ASPHALT		
PATTERNED CONCRETE DRIVEWAY		
RAMP DETECTABLE WARNING		
RESTORATION PLANTING AREA		
SANDBAG DAM		
CHECK DAM		
WATTLE CHECK DAM		
FORMER RAILROAD CENTERLINE		220 + RR C/L
CONSTRUCTION CENTERLINE		220+00 + A-LINE

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

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

PRELIMINARY
YAMMIE Y. HO STATE OF WASHINGTON 40829 REGISTERED PROFESSIONAL ENGINEER

Parametrix
ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
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WWW.PARAMETRIX.COM

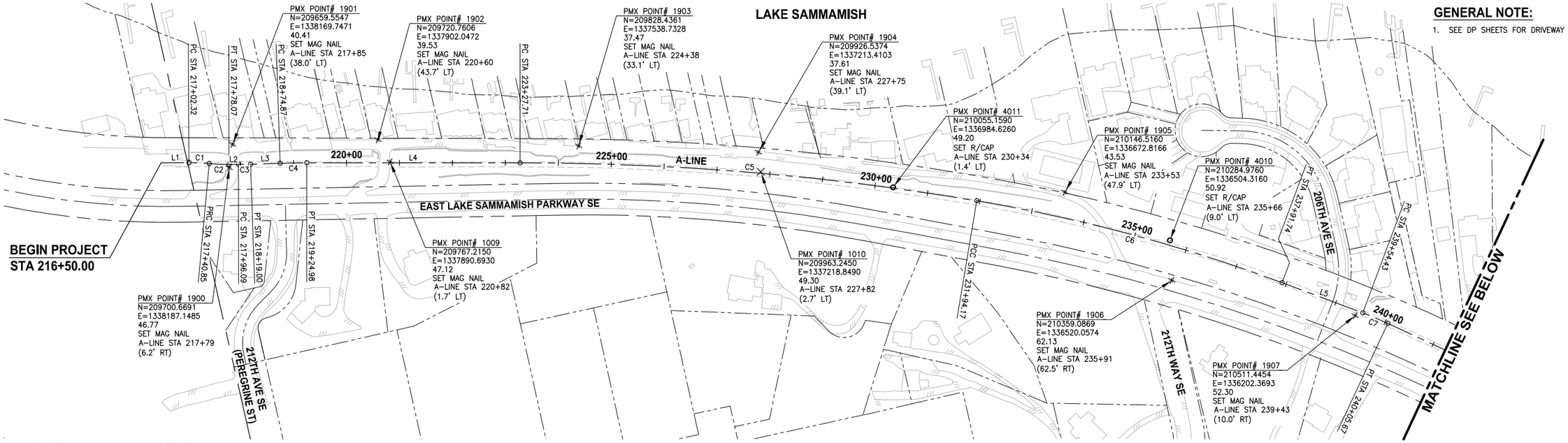
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

LEGEND

SHEET NO. 4 OF 79
G4

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995\ces\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgobut DATE: Thursday, December 18, 2014 12:41:59 PM LAYOUT: G4

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



PLAN
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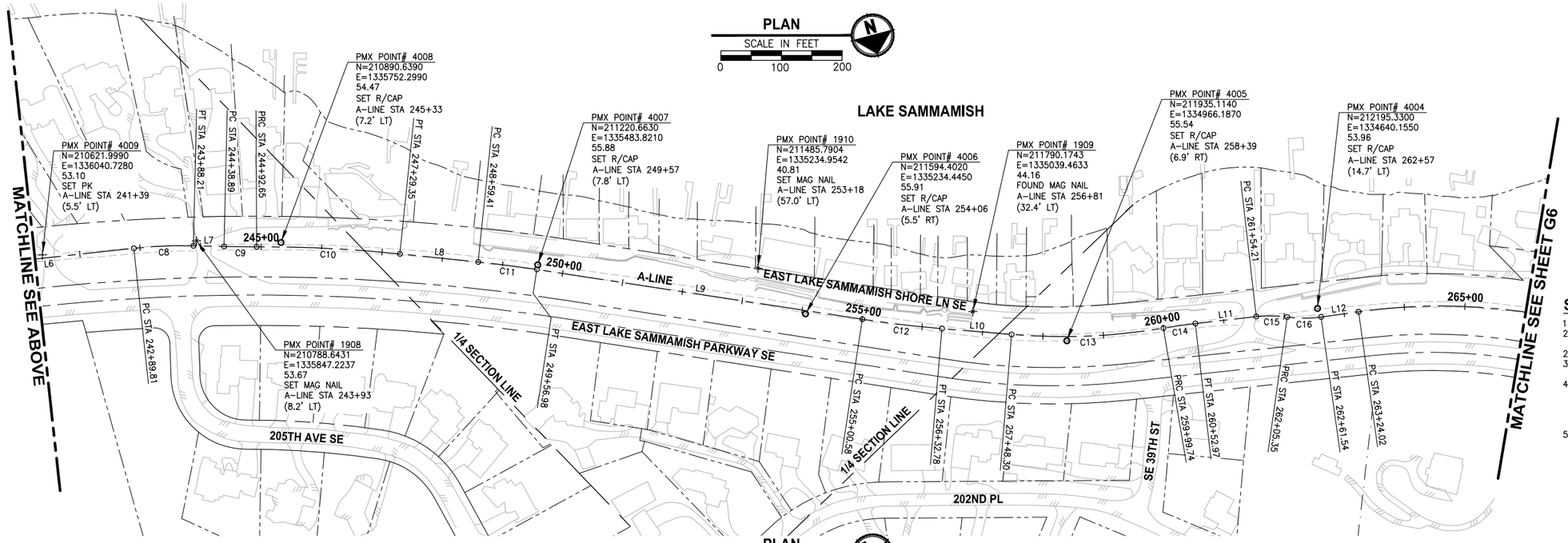

PLAN
SCALE IN FEET
0 100 200

GENERAL NOTE:

1. SEE DP SHEETS FOR DRIVEWAY ALIGNMENT DATA.

SURVEY NOTES:

1. HORIZONTAL DATUM: NAD83 (CORS).
2. RTK CORRECTIONS OBTAINED FROM NGS CORS ID POINT "SEAT" ON OCTOBER 3, 2007.
2. VERTICAL DATUM: NAVD88
3. WSDOT SITE BENCHMARKS HELD FOR THIS SURVEY ARE NOS. 2355, 6762, 6294, AND 617.
4. METHODOLOGY: FIELD MEASUREMENTS FOR THIS SURVEY WERE PERFORMED USING TRIMBLE 5800 RTK WITH CELL PHONE AND LIECA TCRA 1103 FULL ROBOTIC 3 SECOND TOTAL STATION IN CONFORMANCE WITH ACCEPTED SURVEY STANDARDS AS SPECIFIED BY WAC 332-130 FOR LINEAR AND ANGULAR CLOSURE.
5. THE RIGHT-OF-WAY DIMENSIONS SHOWN WERE PROVIDED BY KING COUNTY SURVEY AND DO NOT REPRESENT A BOUNDARY SURVEY PERFORMED BY PARAMETRIX.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED S. MCCASKEY
DRAWN B. PURGANAN
CHECKED S. MCCASKEY
APPROVED

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

PRELIMINARY
STEVEN D. McCASKEY
STATE OF WASHINGTON
42676
REGISTERED PROFESSIONAL LAND SURVEYOR

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

SURVEY CONTROL PLAN

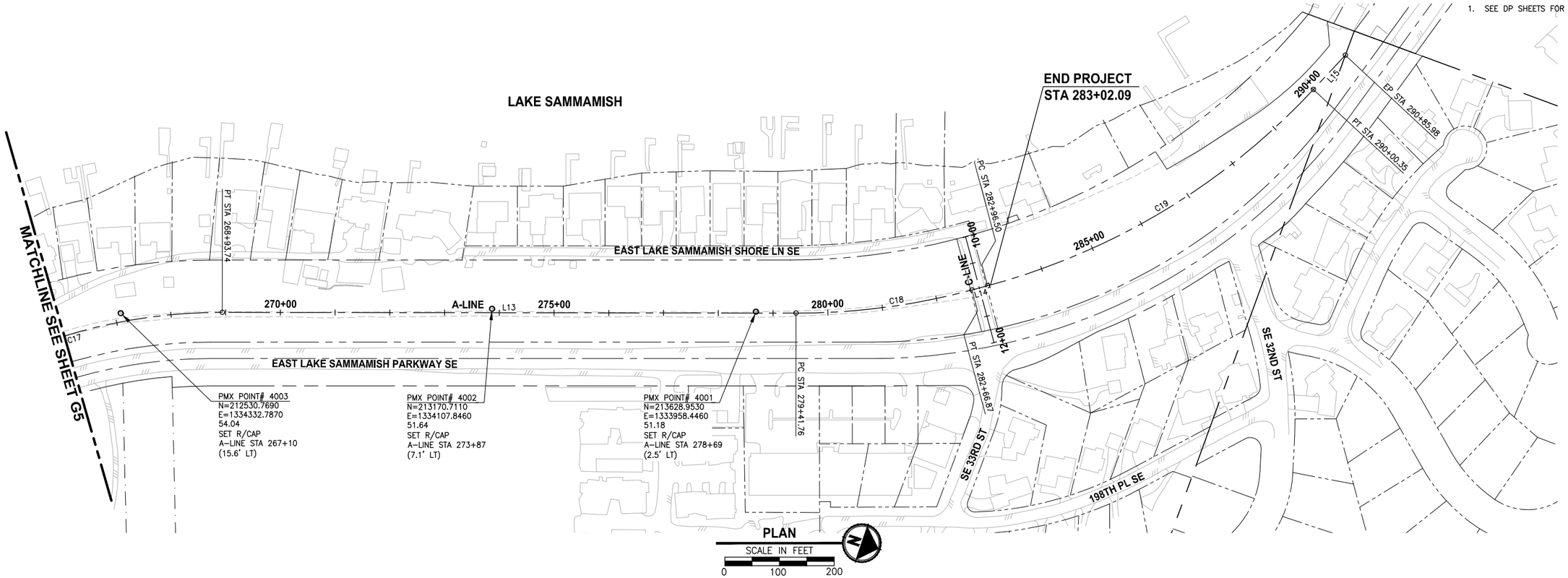
SHEET NO.
5 OF 79
G5

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\
PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:42:26 PM
LAYOUT: G5

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

GENERAL NOTE:

1. SEE DP SHEETS FOR DRIVEWAY ALIGNMENT DATA.



A-LINE LINE TABLE

LINE	LENGTH	BEARING	BEGIN EASTING	BEGIN NORTHING	END EASTING	END NORTHING
L1	52.32	N75° 30' 04"W	1338309.16	209658.89	1338258.50	209671.99
L2	18.02	N75° 18' 50"W	1338186.21	209694.51	1338168.78	209699.08
L3	55.87	N77° 11' 21"W	1338146.53	209704.53	1338092.05	209716.92
L4	402.73	N75° 16' 30"W	1338043.38	209728.84	1337653.88	209831.21
L5	162.69	N54° 46' 18"W	1336320.04	210416.16	1336187.14	210510.00
L6	284.14	N50° 15' 17"W	1336146.49	210541.18	1335928.02	210722.85
L7	50.68	N42° 44' 14"W	1335856.70	210790.54	1335822.30	210827.77
L8	130.07	N38° 11' 38"W	1335629.20	211044.53	1335548.78	211146.75
L9	543.60	N35° 23' 56"W	1335490.34	211224.87	1335175.45	211667.98
L10	115.52	N39° 17' 00"W	1335095.28	211773.07	1335022.14	211862.48
L11	101.24	N50° 38' 26"W	1334798.23	212067.80	1334719.96	212132.00
L12	62.48	N52° 05' 09"W	1334646.04	212209.37	1334596.75	212247.77
L13	1048.02	N18° 36' 22"W	1334271.82	212705.89	1333937.44	213699.13
L14	29.63	N33° 45' 01"W	1333794.43	213990.04	1333777.97	214014.68
L15	85.62	N65° 45' 24"W	1333247.69	214463.53	1333169.62	214498.69

A-LINE CURVE TABLE

CURVE	LENGTH	RADIUS	DELTA	BEGIN EASTING	BEGIN NORTHING	END EASTING	END NORTHING
C1	38.53	400.00	5°31'07" RT	1338258.50	209671.99	1338221.73	209683.42
C2	37.22	400.00	5°19'53" LT	1338221.73	209683.42	1338186.21	209694.51
C3	22.91	700.00	1°52'30" LT	1338168.78	209699.08	1338146.53	209704.53
C4	50.11	1500.00	1°54'51" RT	1338092.05	209716.92	1338043.38	209728.84
C5	866.46	5200.00	9°32'49" RT	1337653.88	209831.21	1336838.06	210120.08
C6	597.57	3125.00	10°57'23" RT	1336838.06	210120.08	1336320.04	210416.16
C7	51.24	650.00	4°31'01" RT	1336187.14	210510.00	1336146.49	210541.18
C8	98.40	750.00	7°31'03" RT	1335928.02	210722.85	1335856.70	210790.54
C9	53.76	1900.00	1°37'16" LT	1335822.30	210827.77	1335785.27	210866.73
C10	236.70	2200.00	6°09'52" RT	1335785.27	210866.73	1335629.20	211044.53
C11	97.57	2000.00	2°47'42" RT	1335548.78	211146.75	1335490.34	211224.87
C12	132.20	1950.00	3°53'04" LT	1335175.45	211667.98	1335095.28	211773.07
C13	251.45	1000.00	14°24'25" LT	1335022.14	211862.48	1334840.27	212035.15
C14	53.23	1000.00	3°02'59" RT	1334840.27	212035.15	1334798.23	212067.80
C15	51.14	200.00	14°39'05" RT	1334719.96	212132.00	1334684.97	212169.11
C16	56.19	200.00	16°05'48" LT	1334684.97	212169.11	1334646.04	212209.37
C17	569.72	975.00	33°28'46" RT	1334596.75	212247.77	1334271.82	212705.89
C18	325.11	1230.00	15°08'39" LT	1333937.44	213699.13	1333794.43	213990.04
C19	703.86	1260.00	32°00'23" LT	1333777.97	214014.68	1333247.69	214463.53

CITY OF SAMMAMISH APPROVAL

City Engineer — Date

Community Development — Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

PRELIMINARY

STEVEN D. McCASKEY — STATE OF WASHINGTON — 42676 — REGISTERED PROFESSIONAL LAND SURVEYOR

	REVISIONS	DATE	BY

DESIGNED S. MCCASKEY
DRAWN B. PURGANAN
CHECKED S. MCCASKEY
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME BL15210T5P20T03G-05
JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

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

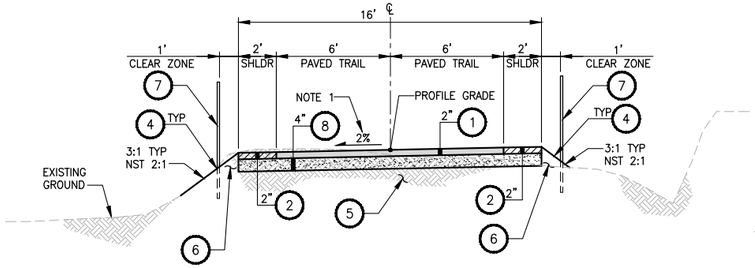
SURVEY CONTROL PLAN

SHEET NO. 6 OF 79

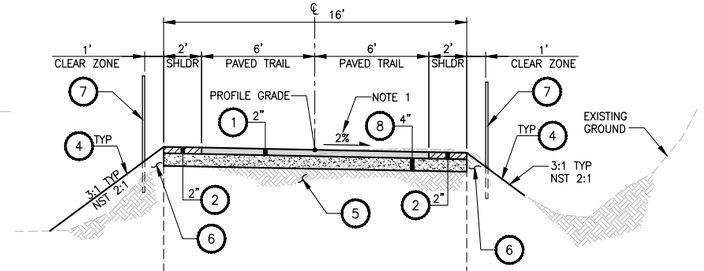
G6

LAYOUT: G6 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:42:35 PM

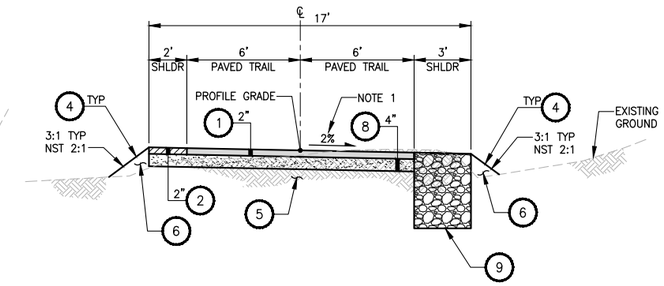
SEC'S 8, 17 TWP. 24 N., RGE. 06 E, W.M.



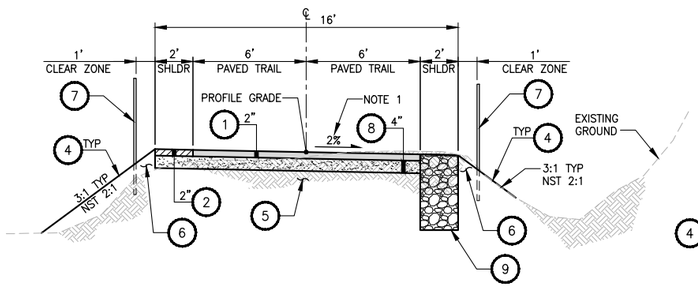
A-LINE STA 216+78 TO STA 217+96
TYPICAL SECTION (A)
NO SCALE



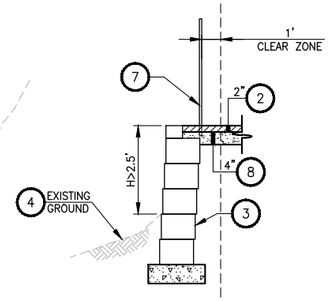
A-LINE STA 217+96 TO STA 234+75
A-LINE STA 238+67 TO STA 244+20
A-LINE STA 261+27 TO STA 261+71
A-LINE STA 282+54 TO STA 282+71
TYPICAL SECTION (B)
NO SCALE



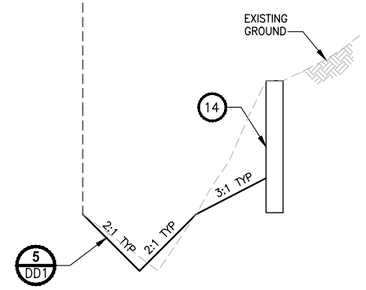
A-LINE STA 234+75 TO STA 238+67
TYPICAL SECTION (C)
NO SCALE



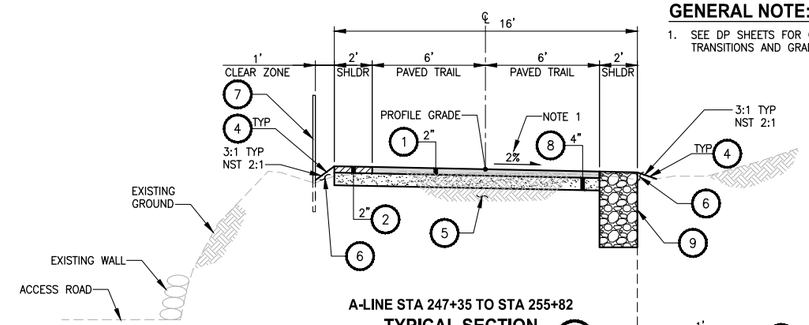
A-LINE STA 244+20 TO STA 247+35
A-LINE STA 255+82 TO STA 261+27
A-LINE STA 261+71 TO STA 282+54
TYPICAL SECTION (D)
NO SCALE



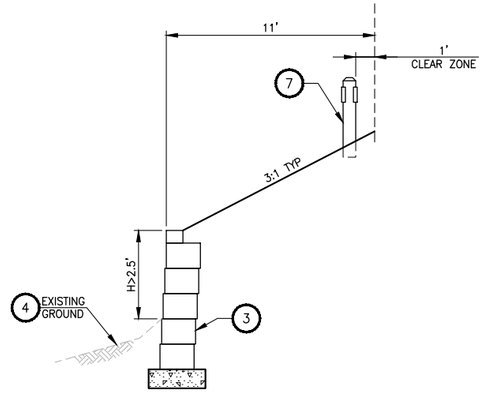
FILL SECTION WITH RETAINING WALL



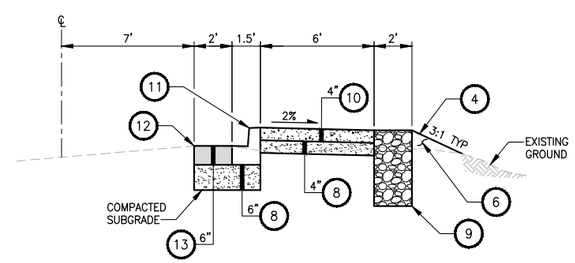
A-LINE STA 222+76 TO STA 224+23
CUT SECTION WITH SOLDIER PILE WALL



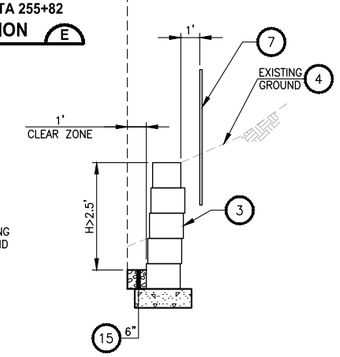
A-LINE STA 247+35 TO STA 255+82
TYPICAL SECTION (E)
NO SCALE



FILL SECTION WITH 3:1 SIDESLOPE AND RETAINING WALL (WALL #5)



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



CUT SECTION WITH RETAINING WALL (WALL #8)

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 MD3.
8. CRUSHED SURFACING BASE COURSE.
9. INFILTRATION TRENCH. (3/DD1)
10. CEMENT CONCRETE SIDEWALK PER WSDOT STD PLAN F-30.10-03.
11. CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER WSDOT STD PLAN F-10.12-03.
12. SAWCUT.
13. HMA CL. 1/2" PG 64-22.
14. SOLDIER PILE WALL. SEE AL SHEETS FOR LOCATIONS. SEE WP SHEETS FOR WALL PROFILES. SEE S SHEETS FOR DETAILS.
15. 3/4' CRUSHED CLEAN ROCK.

GENERAL NOTE:

1. SEE DP SHEETS FOR CROSS SLOPE TRANSITIONS AND GRADE BREAKS.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03CS-01
JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

PRELIMINARY
YAMMIE Y. HO STATE OF WASHINGTON 40829 REGISTERED PROFESSIONAL ENGINEER

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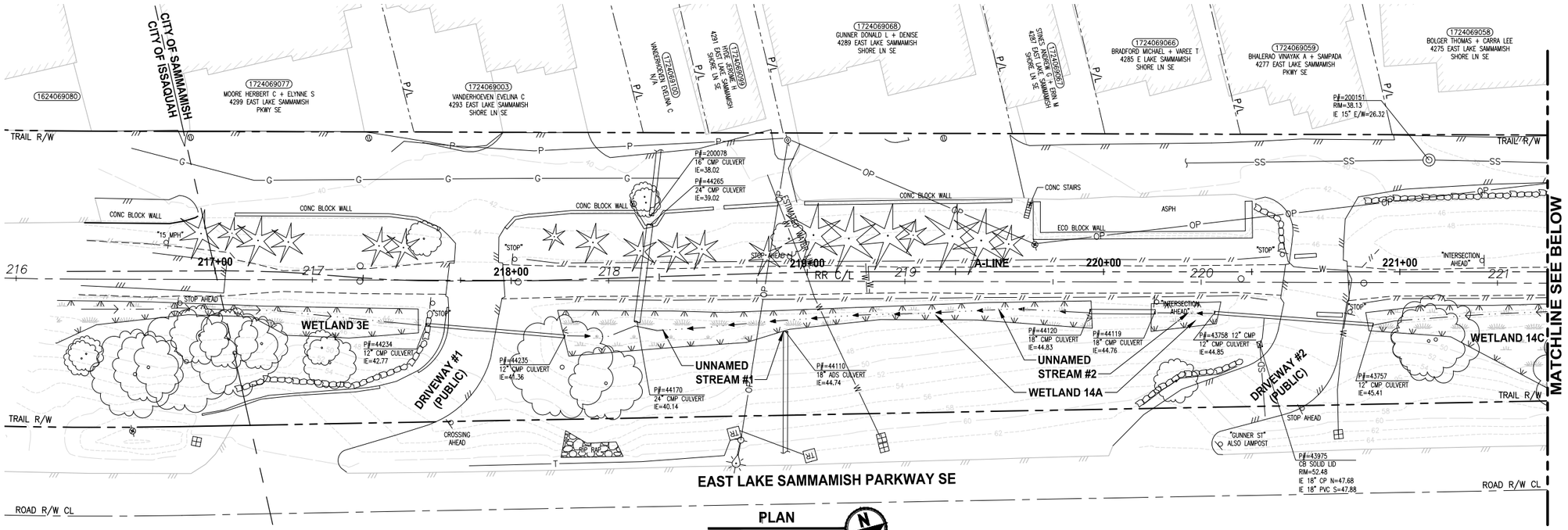
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

TYPICAL CROSS SECTIONS

SHEET NO. 7 OF 79
CS1

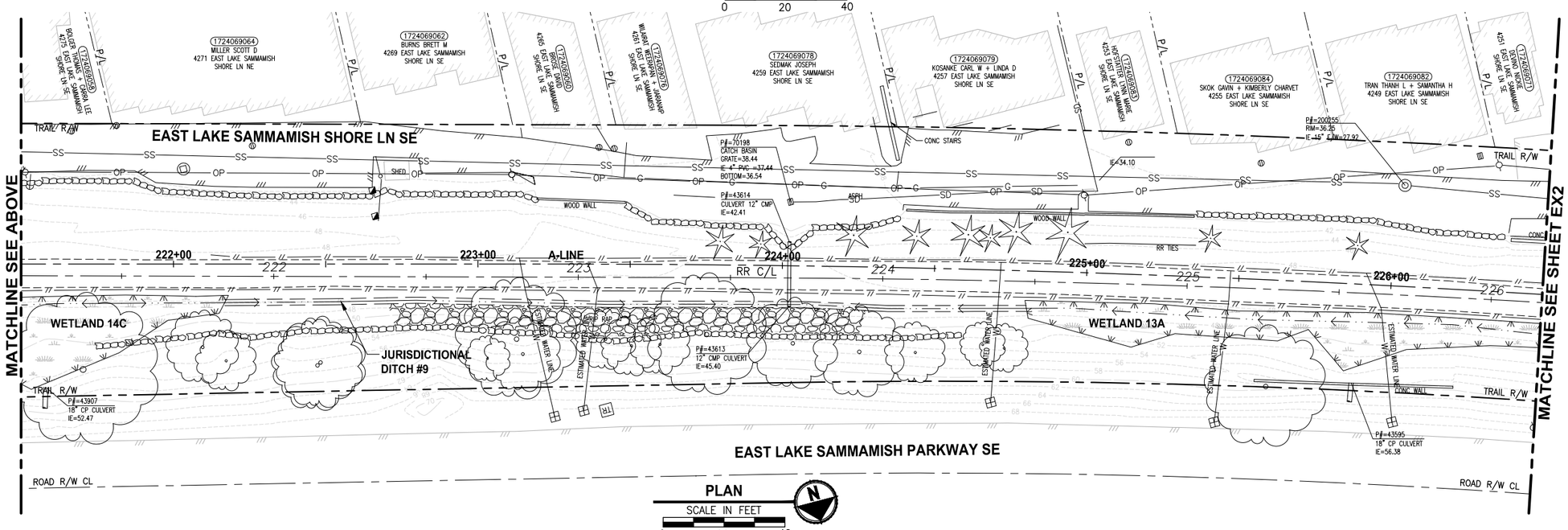
PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995\ces\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:42:43 PM
LAYOUT: CS1

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



PLAN

SCALE IN FEET 0 20 40



PLAN

SCALE IN FEET 0 20 40

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 ARBORVITAES ARE NOT INCLUDED IN THE SURVEY.
5. EXISTING UTILITIES SHOWN ARE BASED ON APS PAINT LINE 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

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

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

YAMMIE Y. HO — STATE OF WASHINGTON — 40829 — REGISTERED PROFESSIONAL ENGINEER
PRELIMINARY

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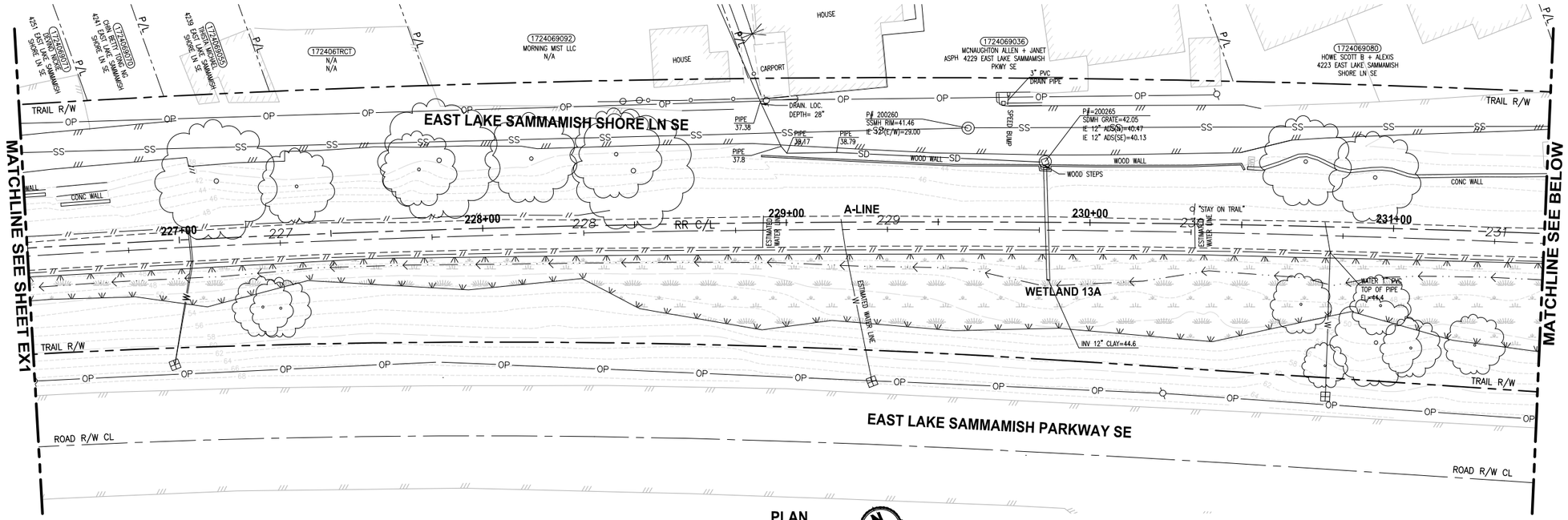
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

EXISTING CONDITIONS PLAN

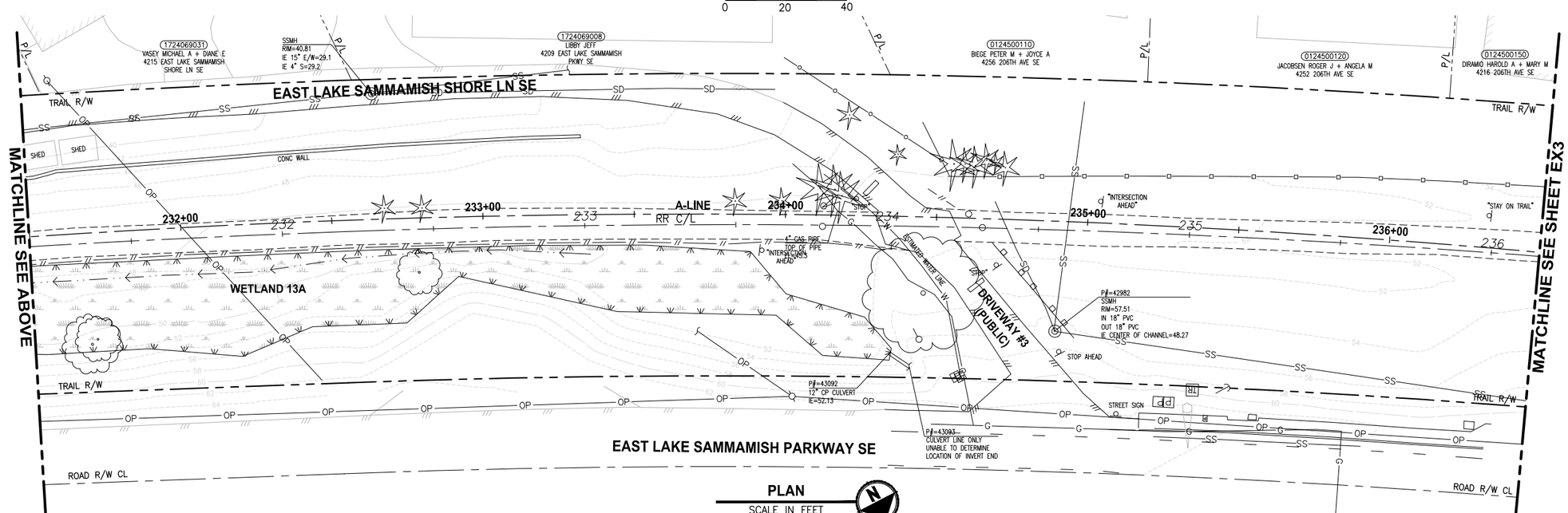
SHEET NO. 8 OF 79
EX1

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:43:19 PM
LAYOUT: EX1

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



PLAN
SCALE IN FEET
0 20 40



PLAN
SCALE IN FEET
0 20 40

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 ARBORVITAES ARE NOT INCLUDED IN THE SURVEY.
5. EXISTING UTILITIES SHOWN ARE BASED ON APS PAINT LINE 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

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
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DATE DECEMBER 2014

PRELIMINARY
YAMMIR Y. HO STATE OF WASHINGTON 40829 REGISTERED PROFESSIONAL ENGINEER

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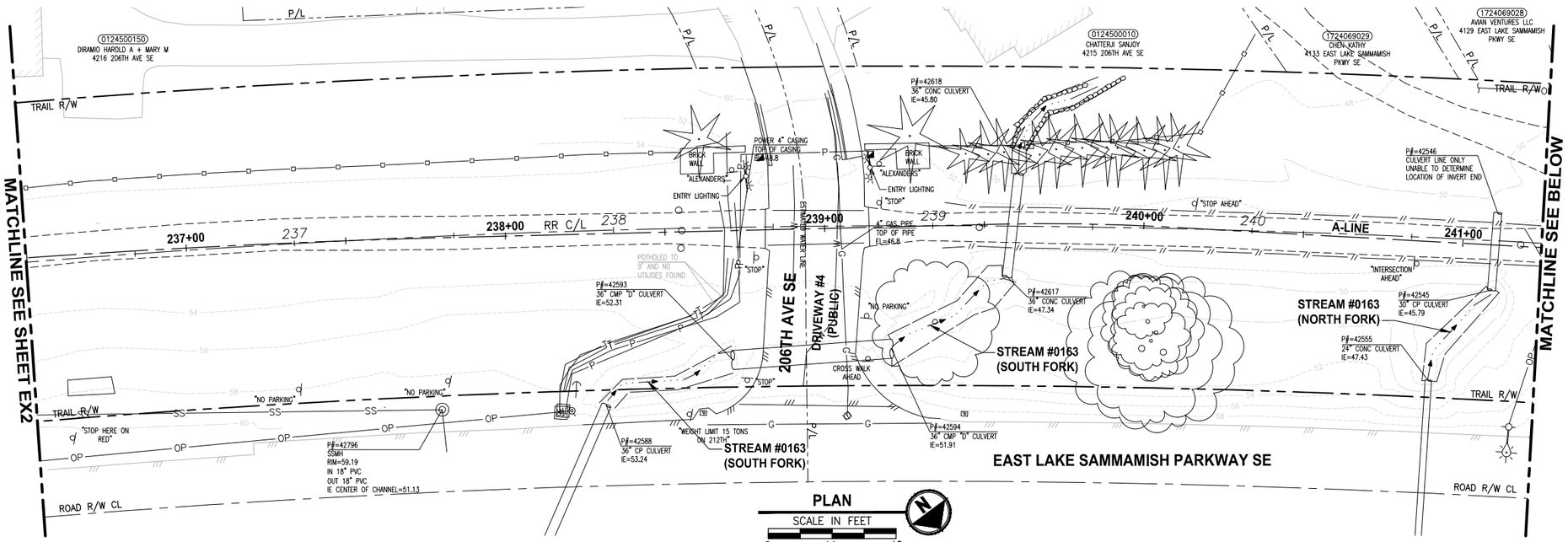
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

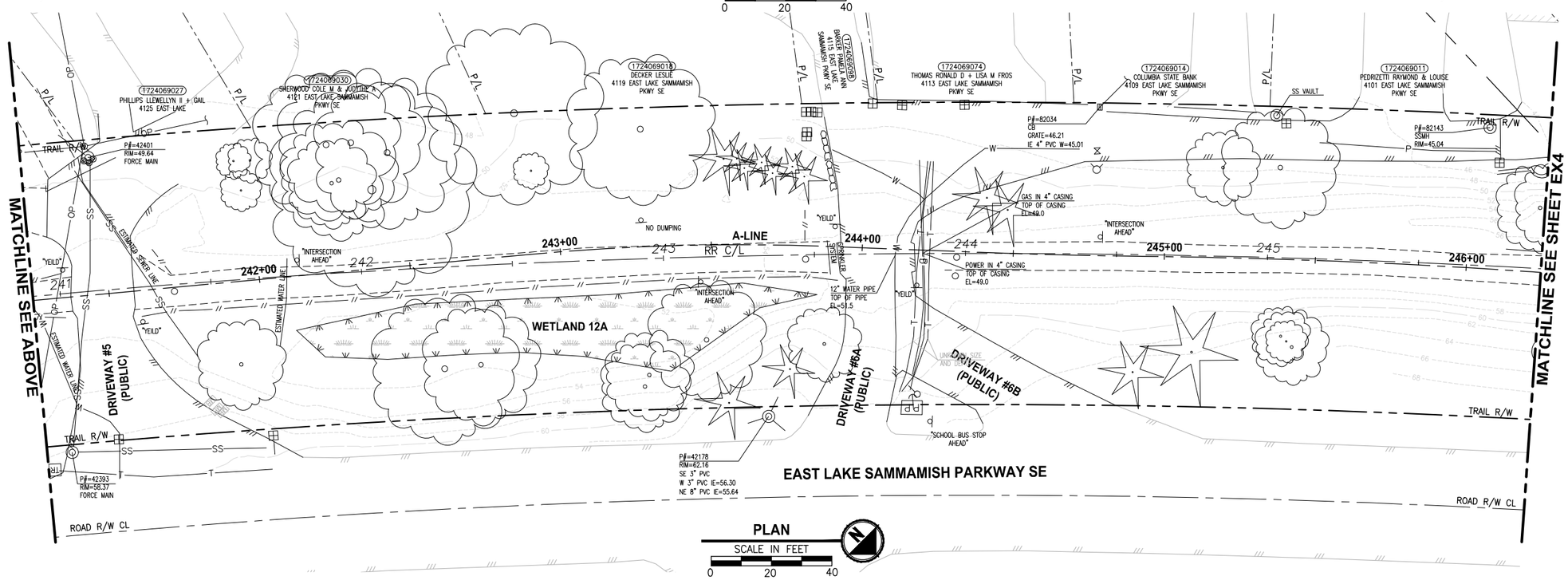
EXISTING CONDITIONS PLAN

SHEET NO. 9 OF 79
EX2

LAYOUT: EX2 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995vca\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:43:35 PM

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





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.
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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

90 % REVIEW SUBMITTAL
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DRAWN B. PURGANAN
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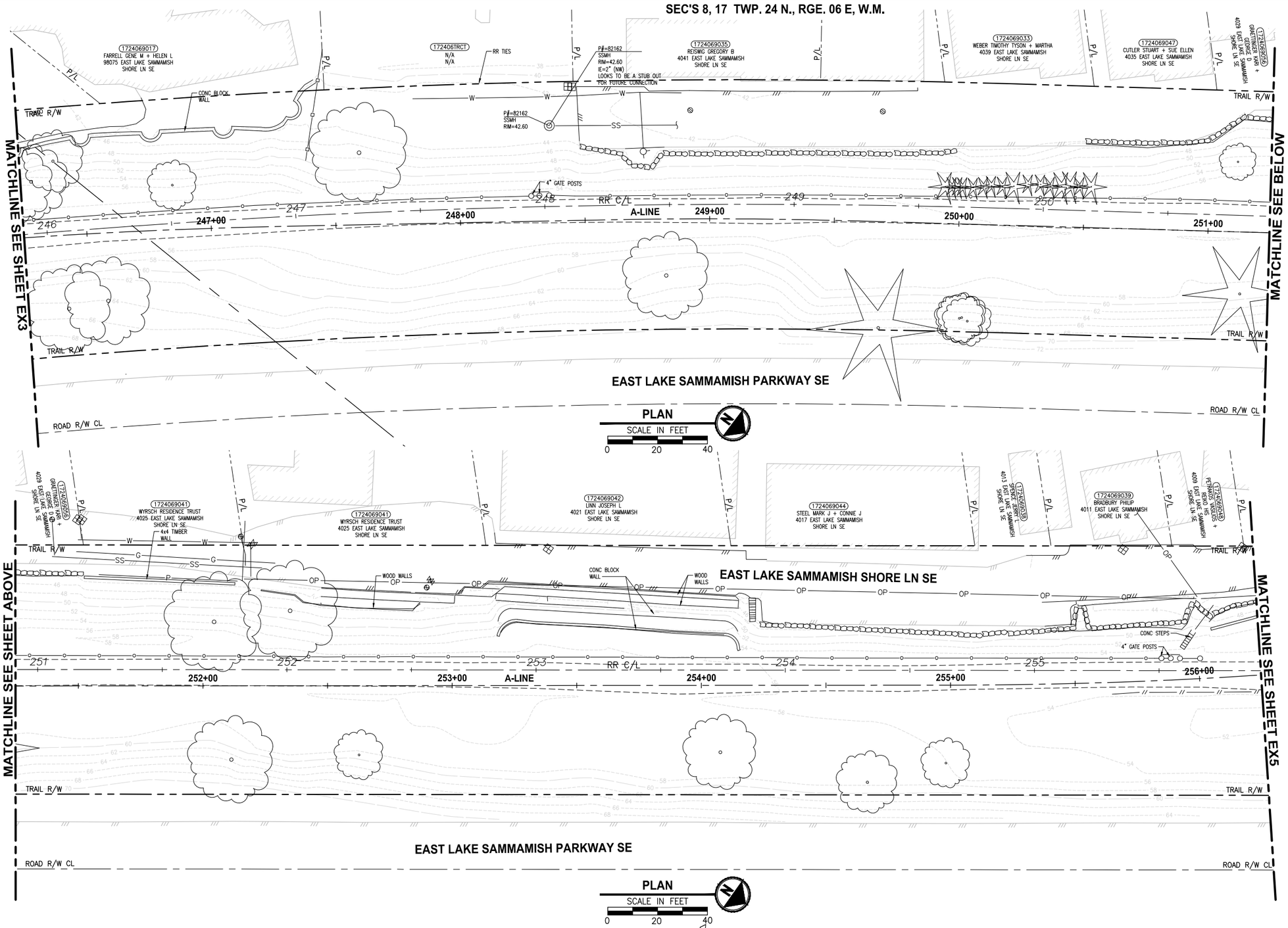
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

EXISTING CONDITIONS PLAN

SHEET NO.
10 OF 79
EX3

LAYOUT: EX3 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:43:50 PM



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5. EXISTING UTILITIES SHOWN ARE BASED ON APS PAINT LINE 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

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

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

PRELIMINARY
YAMMIE Y. HO — STATE OF WASHINGTON — 40829 — REGISTERED PROFESSIONAL ENGINEER

Parametrix
ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

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

EXISTING CONDITIONS PLAN

SHEET NO. 11 OF 79
EX4

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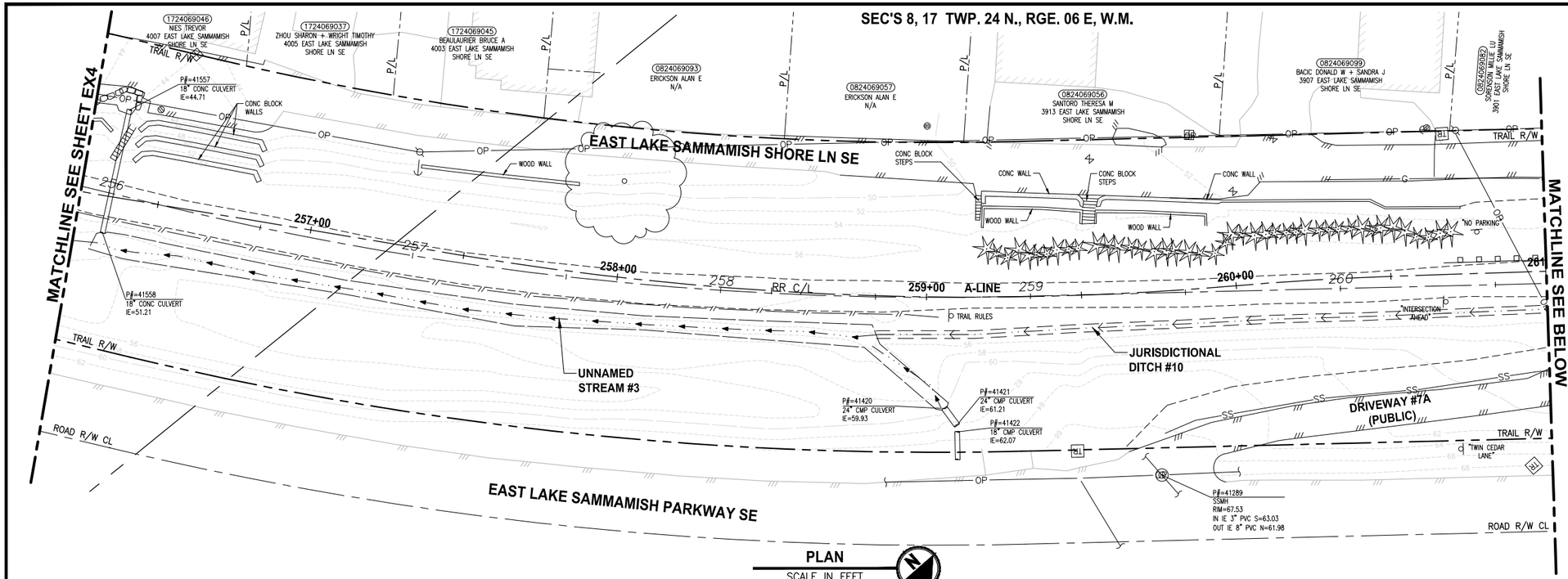

GENERAL NOTES:

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.
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CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
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PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

EXISTING CONDITIONS PLAN

SHEET NO. 12 OF 79
EX5

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:44:20 PM
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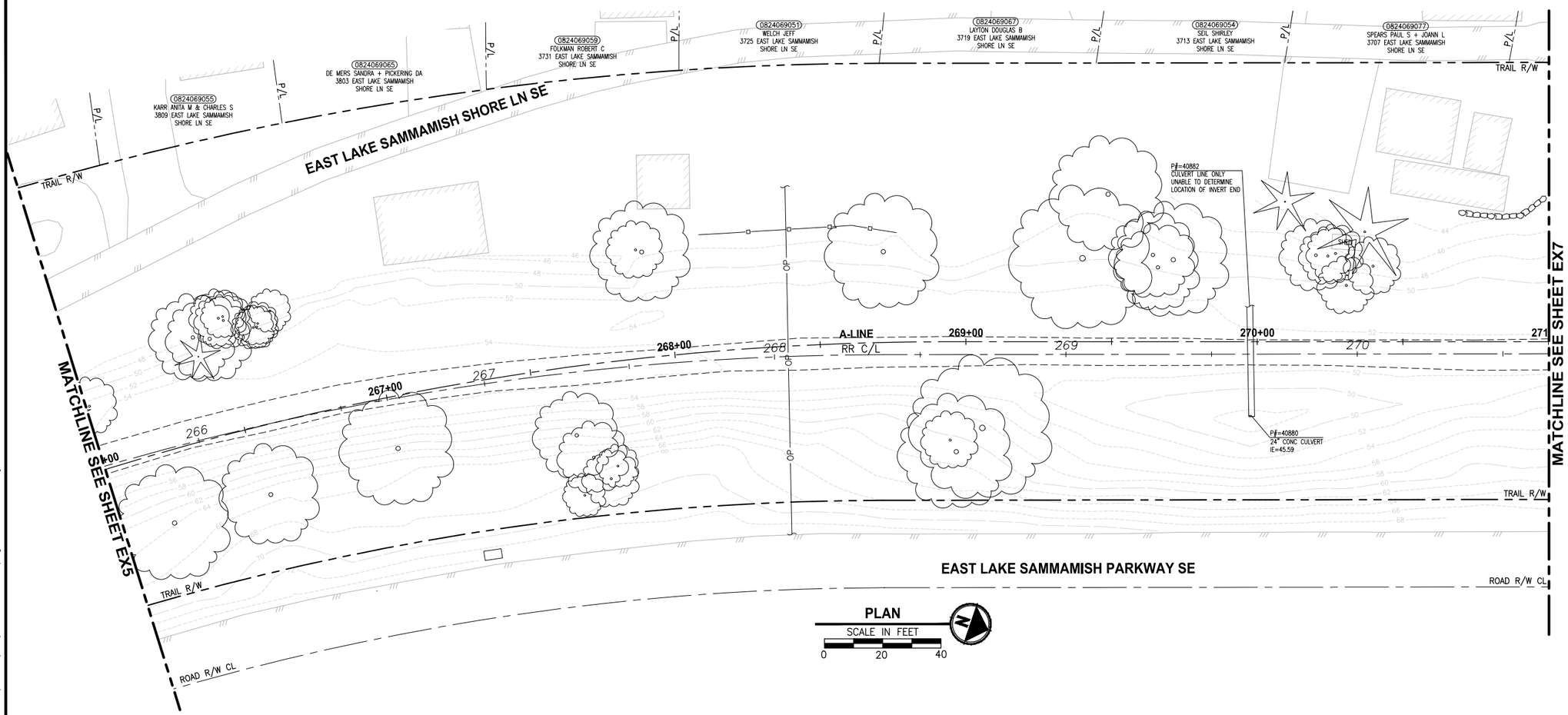

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LEGEND:

FORMER RAILROAD CENTERLINE — 220 + RR C/L

CONSTRUCTION CENTERLINE — **220+00 + A-LINE**

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
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JOB No. 554-1521-075 P20T03
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PRELIMINARY
YAMMIE Y. HO — STATE OF WASHINGTON — 40829 — REGISTERED PROFESSIONAL ENGINEER

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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 79
EX6

LAYOUT: EX6 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:44:29 PM

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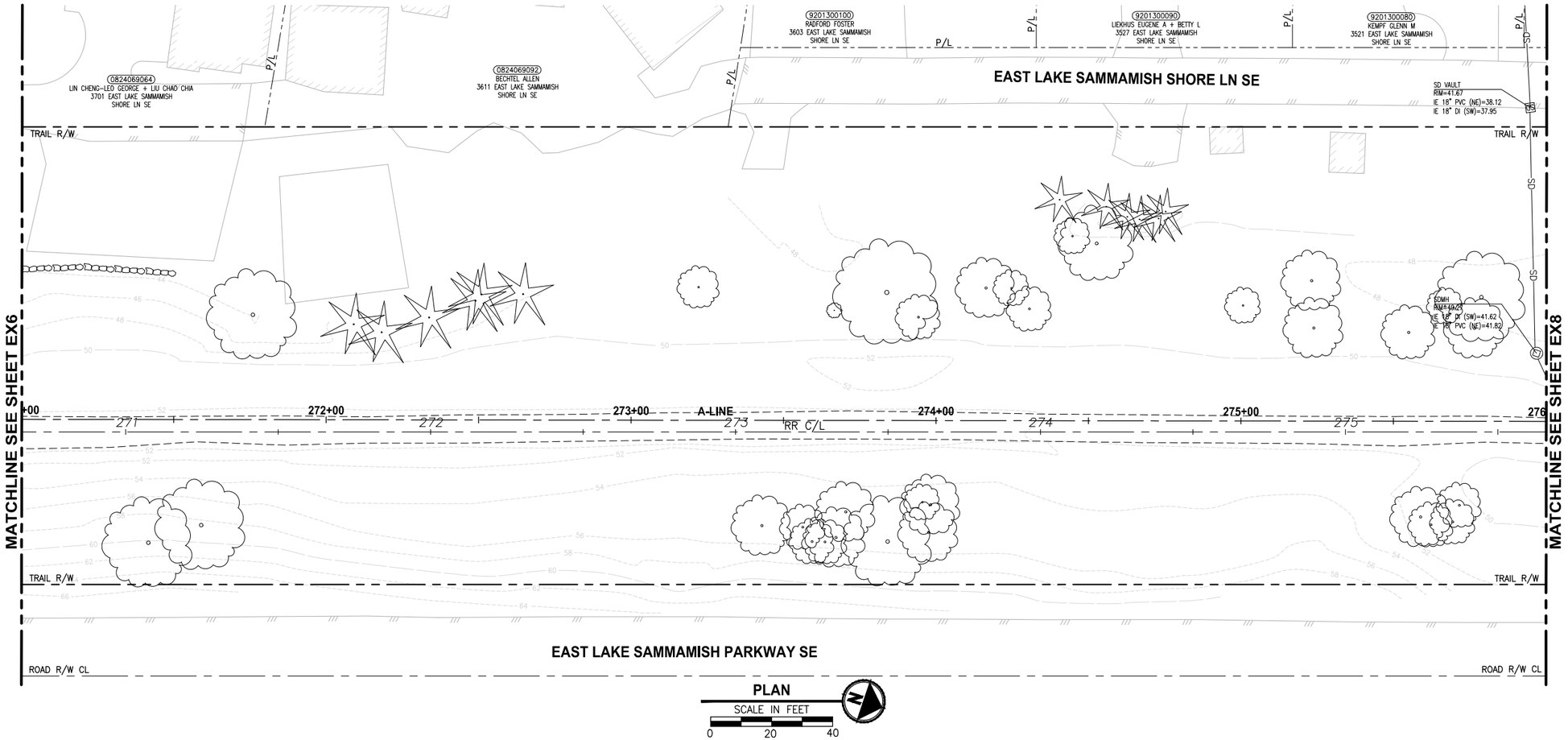

PLAN

SCALE IN FEET

0 20 40

GENERAL NOTES:

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LEGEND:

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CONSTRUCTION CENTERLINE — 220+00 + A-LINE

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
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ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

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

PRELIMINARY
YAMMIE Y. HO
STATE OF WASHINGTON
40828
REGISTERED PROFESSIONAL ENGINEER

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ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
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PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

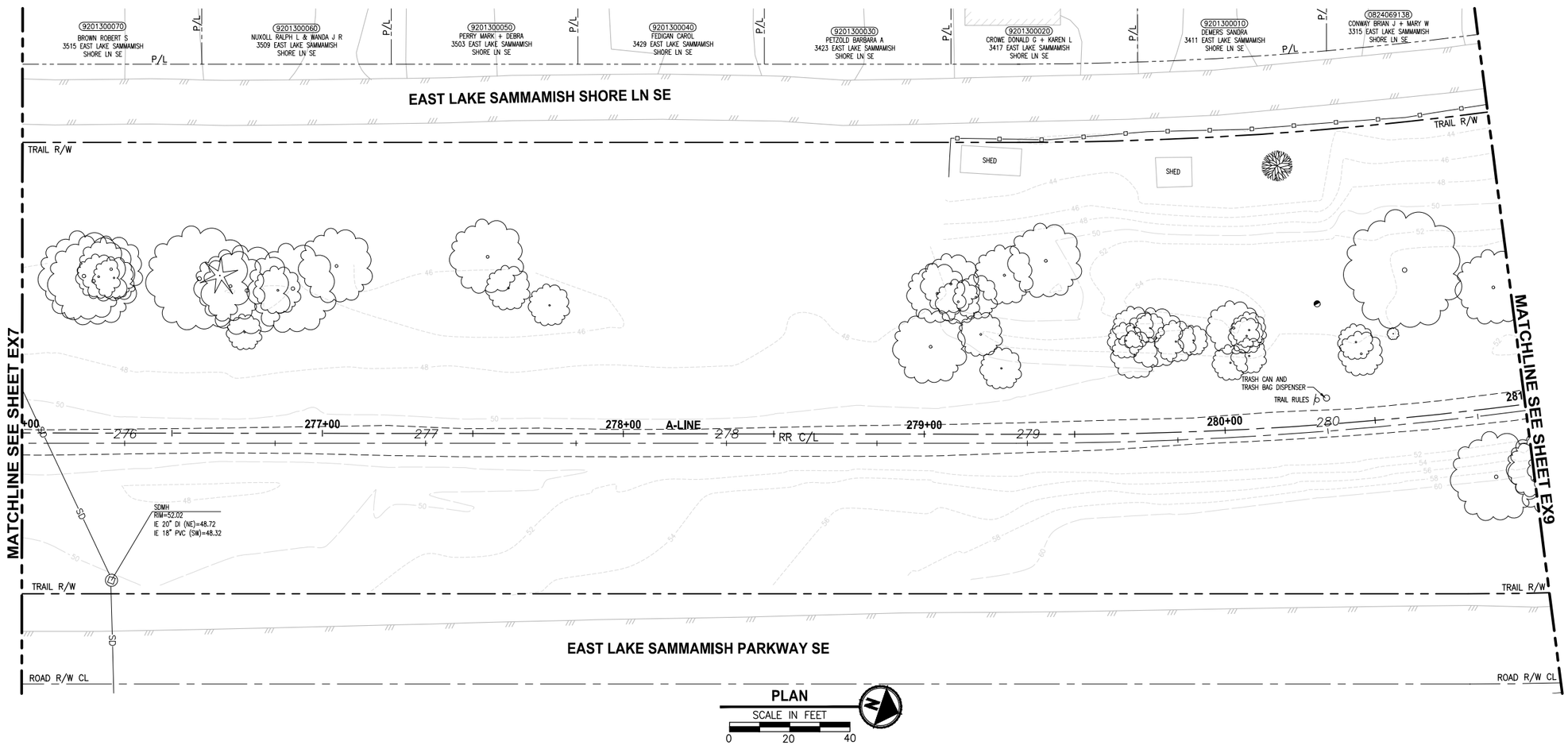
EXISTING CONDITIONS PLAN

SHEET NO. 14 OF 79

EX7

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\
PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:44:39 PM
LAYOUT: EX7

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



PLAN

SCALE IN FEET

0 20 40

GENERAL NOTES:

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CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
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DRAWN B. PURGANAN
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APPROVED

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

PRELIMINARY

YAMMIE Y. HO — STATE OF WASHINGTON — 40829 — REGISTERED PROFESSIONAL ENGINEER

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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 79

EX8

LAYOUT: EX8 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995\vcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:44:50 PM

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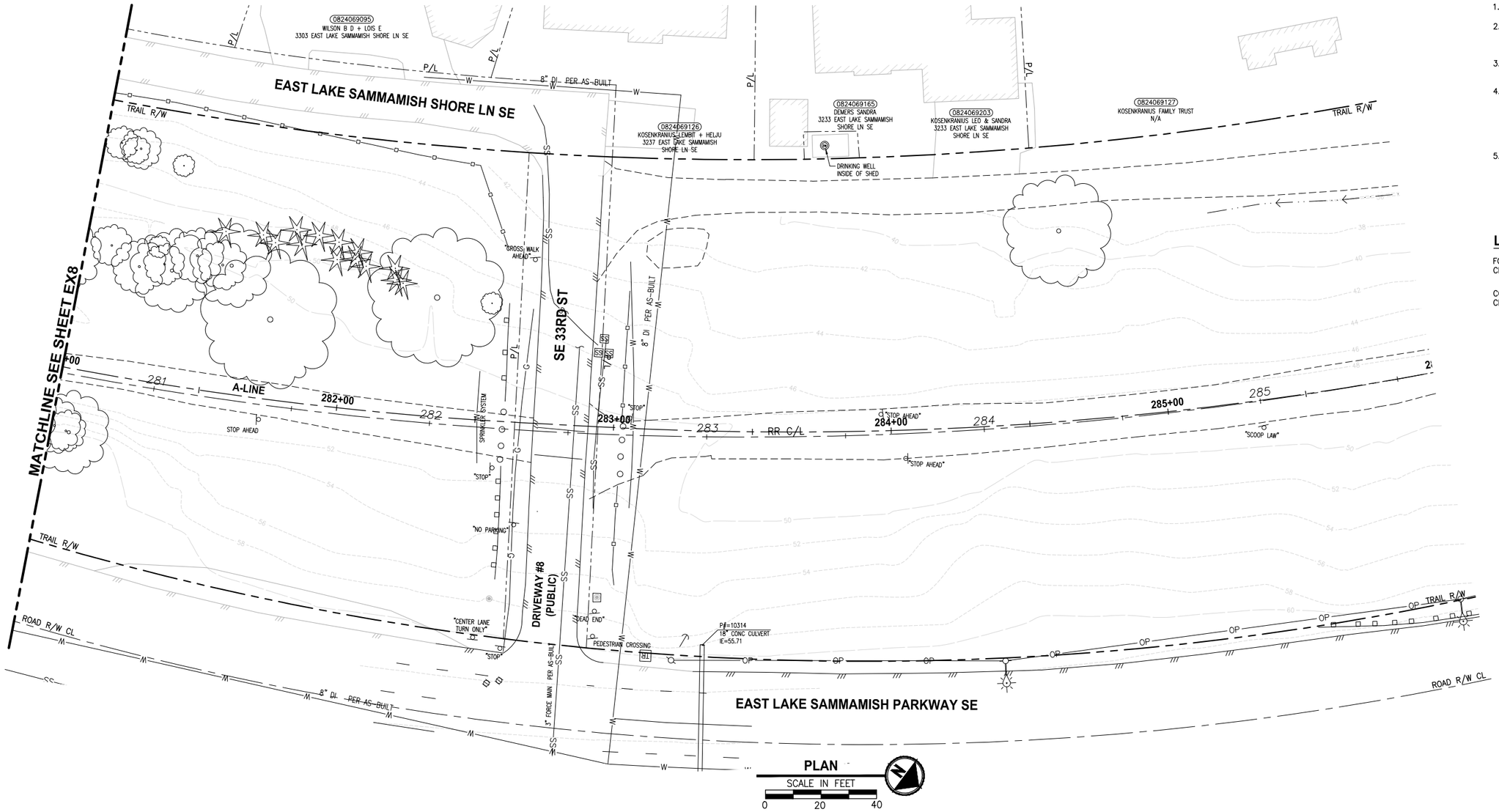

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LEGEND:

FORMER RAILROAD CENTERLINE — 220 + RR C/L

CONSTRUCTION CENTERLINE — 220+00 + A-LINE

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

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

PRELIMINARY
YAMMIE Y. HO
STATE OF WASHINGTON
40833
REGISTERED PROFESSIONAL ENGINEER

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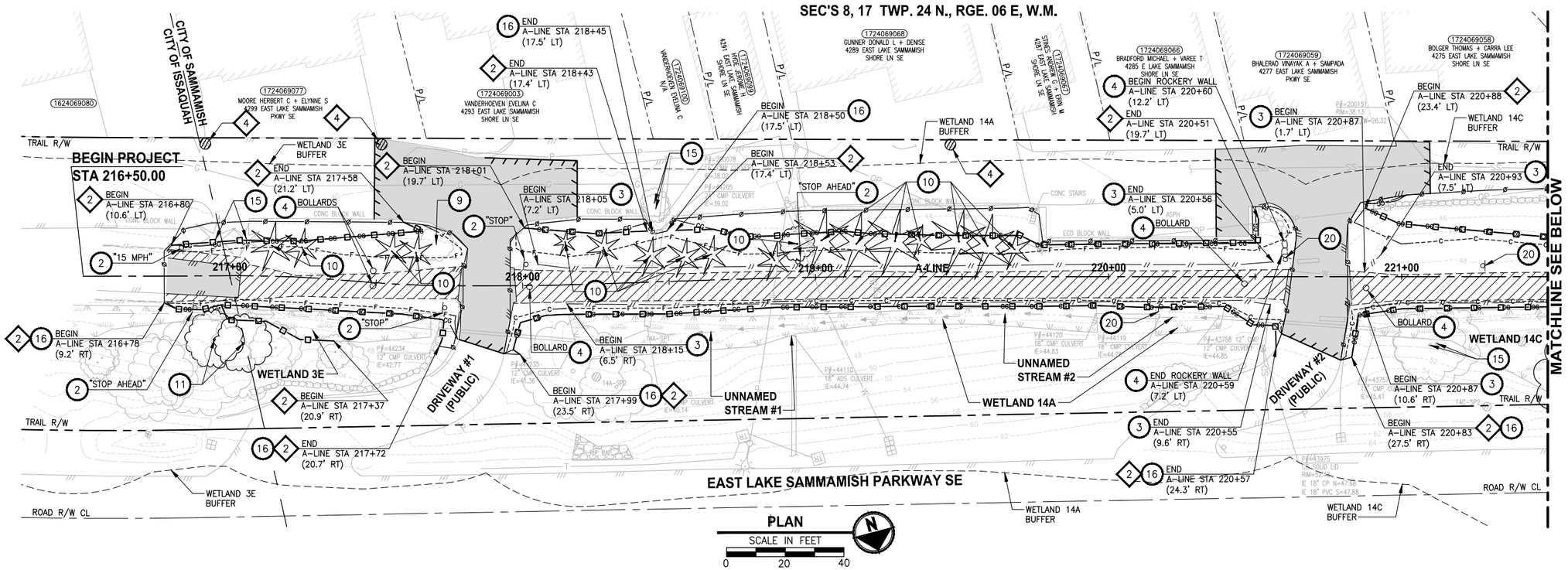
P 206.394.3700
WWW.PARAMETRIX.COM

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

EXISTING CONDITIONS PLAN

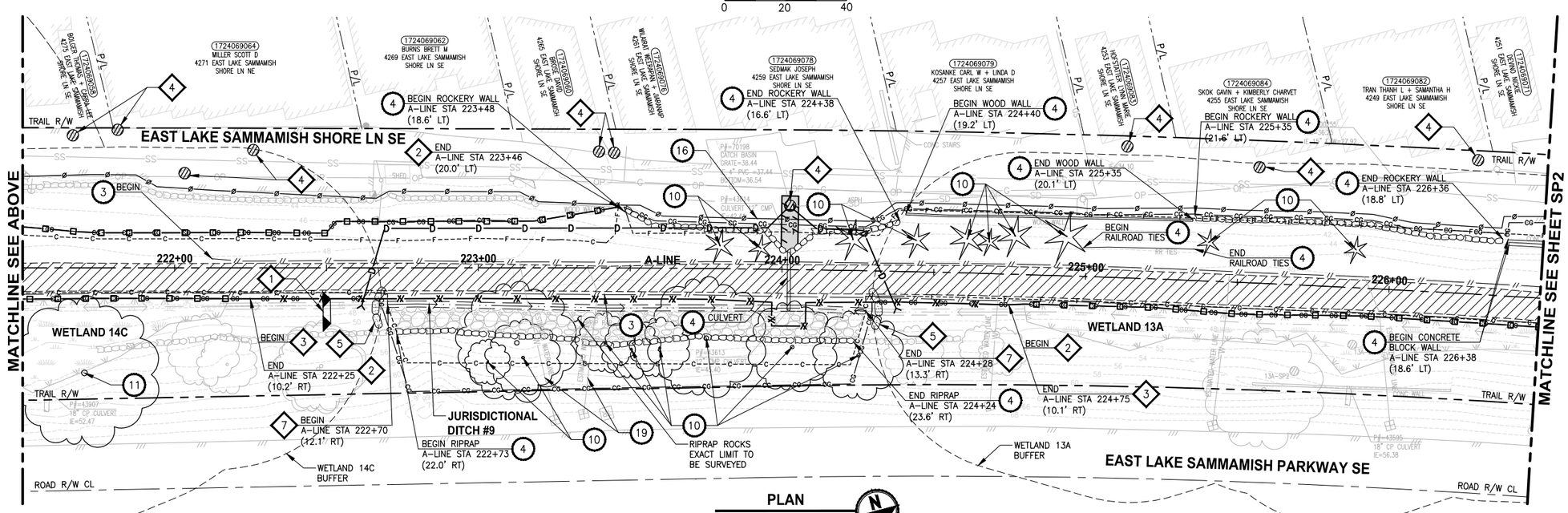
SHEET NO. 16 OF 79
EX9

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:45:00 PM
LAYOUT: EX9



PLAN

SCALE IN FEET 0 20 40



PLAN

SCALE IN FEET 0 20 40

SITE PREPARATION NOTES:

1. REMOVE AND SALVAGE CHAIN LINK FENCE.
2. REMOVE AND SALVAGE SIGN.
3. REMOVE AND SALVAGE SPLIT RAIL FENCE.
4. REMOVAL OF STRUCTURE AND OBSTRUCTION.
5. REMOVE AND SALVAGE WOOD GUARDRAILS.
6. REMOVE AND SALVAGE CHAIN LINK GATE.
7. REMOVE AND SALVAGE TRASH BAG DISPENSER. SEE PS SHEETS.
8. RELOCATE TRASH CAN. SEE PS SHEETS.
9. PRUNE TREE FOR 10' VERTICAL CLEARANCE PER ARBORISTS' ASSESSMENT. TREE SHALL BE FLAGGED PRIOR TO PRUNING.
10. REMOVE TREE WITHIN CLEARING AND GRUBBING LIMITS.
11. REMOVE TREE OUTSIDE OF CLEARING AND GRUBBING LIMITS PER ARBORISTS' ASSESSMENT. TREE SHALL BE FLAGGED PRIOR TO REMOVAL.
12. RETAIN TREE WITHIN CLEARING AND GRUBBING LIMITS PER ARBORISTS' ASSESSMENT.
13. PRUNE TREE ROOT PER ARBORISTS' ASSESSMENT. TREE SHALL BE FLAGGED PRIOR TO PRUNING.
14. REMOVE DEAD STEM.
15. MONITOR TREE, BY ARBORISTS.
16. INSTALL TEMPORARY SAFETY FENCE. SEE SPECIAL PROVISIONS.
17. REMOVE ALL BRANCHES AND LEAVE 18' TALL TRUNK AS HABITAT SNAG.
18. ADJUST WATER VALVE TO FINISHED GRADE.
19. ADJUST WATER LINES.
20. RELOCATE SIGN. SEE PS SHEETS FOR NEW LOCATION.
21. ADJUST WATER METER TO FINISHED GRADE.
22. ADJUST CATCH BASIN TO FINISHED GRADE.

TESC NOTES:

1. CHECK DAMS ON CHANNELS, PER WSDOT STANDARD DETAIL I-50.20-01. USE BIODEGRADABLE CHECK DAMS.
2. HIGH VISIBILITY SILT FENCE (WITH BACKUP SUPPORT) PER WSDOT STANDARD DETAIL I-30.16-00.
3. HIGH VISIBILITY FENCE PER WSDOT STANDARD DETAIL I-10.10-01.
4. STORM DRAIN INLET PROTECTION, PER WSDOT STANDARD DETAIL I-40.20-00.
5. SANDBAG DAM.
6. STABILIZED CONSTRUCTION ENTRANCE, PER WSDOT STANDARD DETAIL I-80.10-01.
7. TEMPORARILY BYPASS & DEWATER JURISDICTIONAL DITCH DURING VAULT CONSTRUCTION.

LEGEND:

- REMOVE EXISTING GRAVEL SURFACE
- REMOVE ASPHALT PAVEMENT
- INLET PROTECTION
- STABILIZED CONSTRUCTION ENTRANCE

GENERAL NOTE:

1. NO STAGING OR STOCKPILING WITHIN CRITICAL AREA BUFFERS, OR WITHIN THE VICINITY OF BALD EAGLE BREEDING AREA FROM STA 216+50 TO STA 226+75.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03SP-01
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PRELIMINARY — YAMMIE Y. HO, STATE OF WASHINGTON, 40829, REGISTERED PROFESSIONAL ENGINEER

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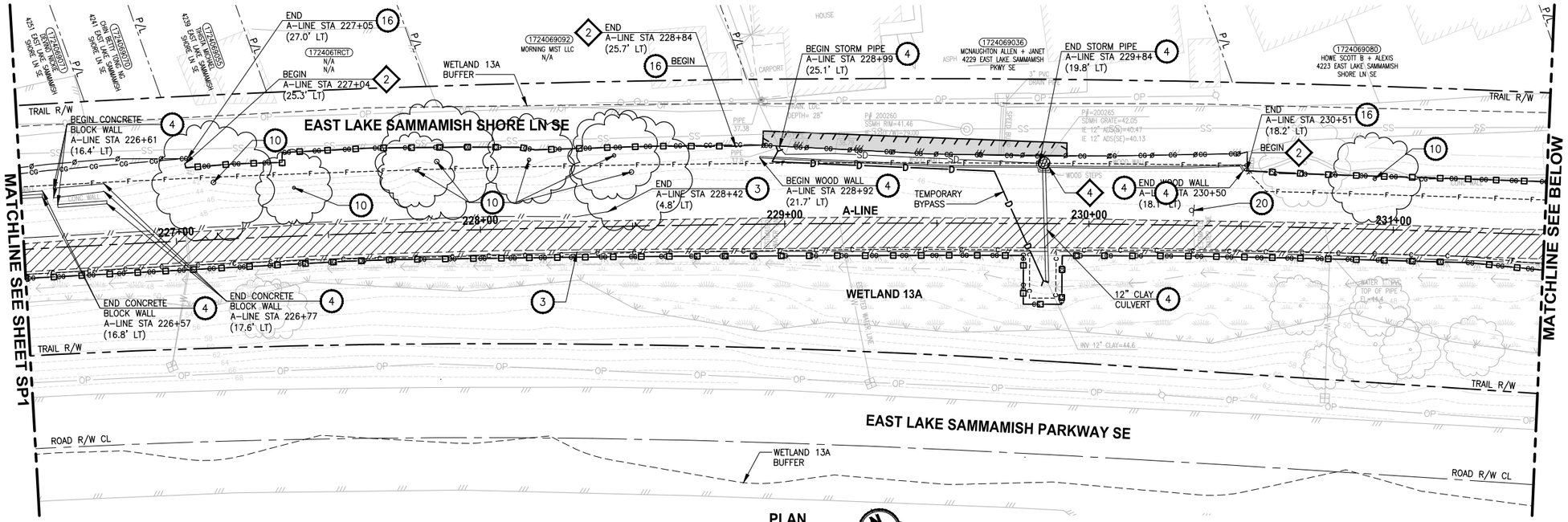
PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

SITE PREPARATION AND TESC PLAN

SHEET NO. 17 OF 79
SP1

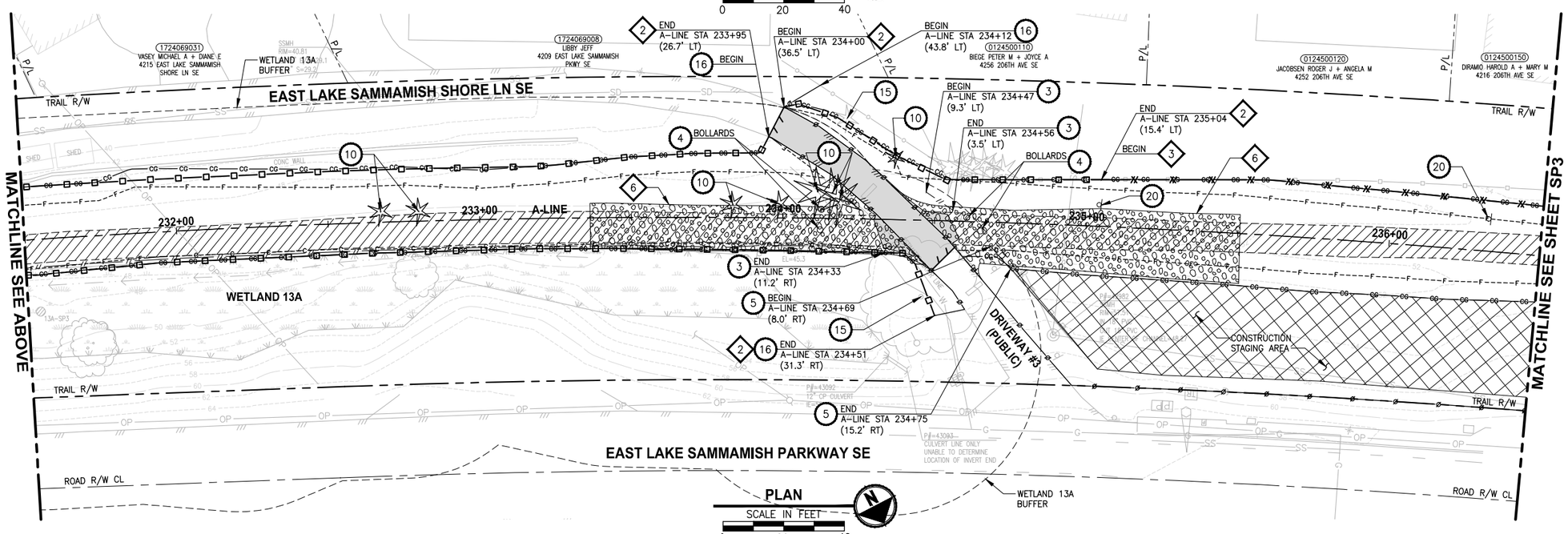
PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:45:44 PM
LAYOUT: SP1

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



PLAN

SCALE IN FEET 0 20 40



PLAN

SCALE IN FEET 0 20 40

SITE PREPARATION NOTES:

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CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

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DRAWN B. PURGANAN
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DATE DECEMBER 2014

YAMMIE Y. HO STATE OF WASHINGTON 40829 REGISTERED PROFESSIONAL ENGINEER
PRELIMINARY

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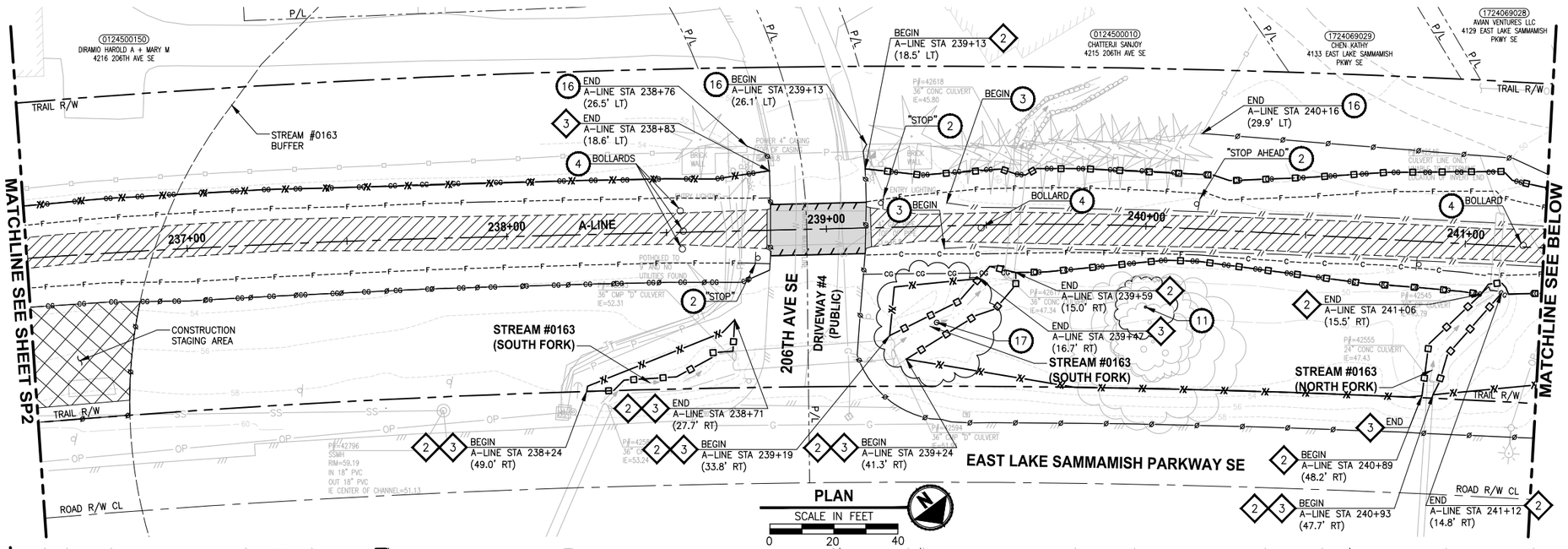
PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

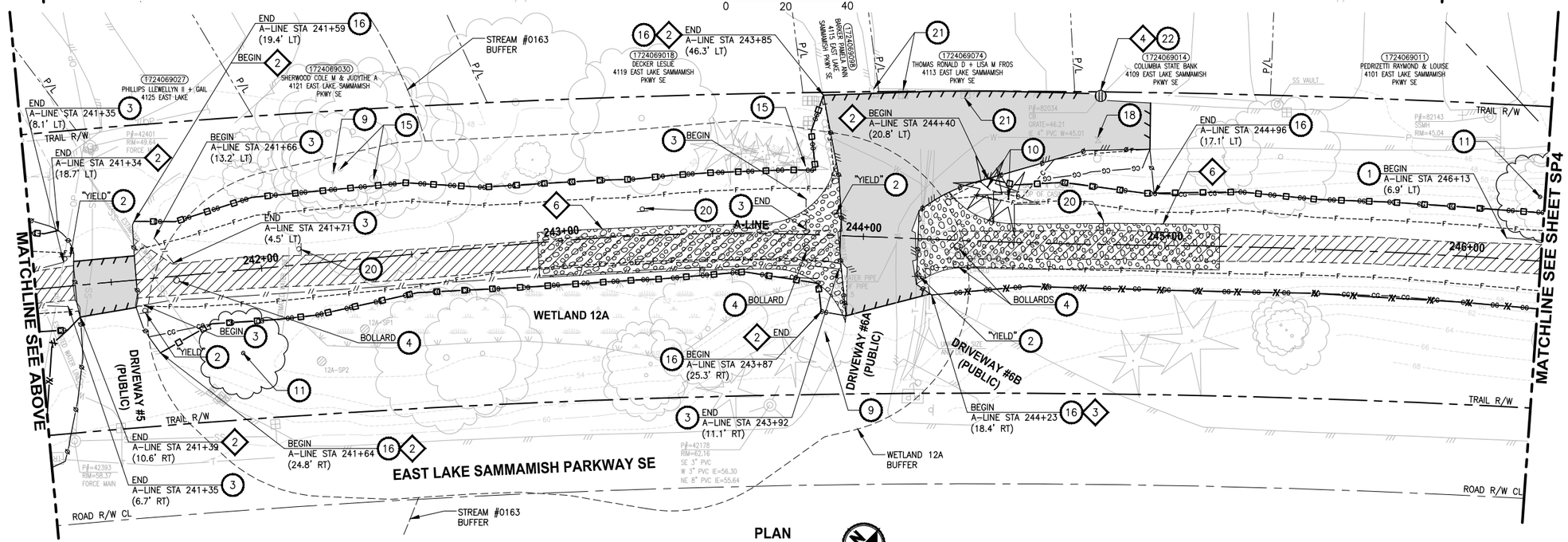
SITE PREPARATION AND TESC PLAN

SHEET NO. 18 OF 79
SP2

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:45:59 PM LAYOUT: SP2

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





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9. PRUNE TREE FOR 10' VERTICAL CLEARANCE PER ARBORISTS' ASSESSMENT. TREE SHALL BE FLAGGED PRIOR TO PRUNING.
10. REMOVE TREE WITHIN CLEARING AND GRUBBING LIMITS.
11. REMOVE TREE OUTSIDE OF CLEARING AND GRUBBING LIMITS PER ARBORISTS' ASSESSMENT. TREE SHALL BE FLAGGED PRIOR TO REMOVAL.
12. RETAIN TREE WITHIN CLEARING AND GRUBBING LIMITS PER ARBORISTS' ASSESSMENT.
13. PRUNE TREE ROOT PER ARBORISTS' ASSESSMENT. TREE SHALL BE FLAGGED PRIOR TO PRUNING.
14. REMOVE DEAD STEM.
15. MONITOR TREE, BY ARBORISTS.
16. INSTALL TEMPORARY SAFETY FENCE. SEE SPECIAL PROVISIONS.
17. REMOVE ALL BRANCHES AND LEAVE 18' TALL TRUNK AS HABITAT SNAG.
18. ADJUST WATER VALVE TO FINISHED GRADE.
19. ADJUST WATER LINES.
20. RELOCATE SIGN. SEE PS SHEETS FOR NEW LOCATION.
21. ADJUST WATER METER TO FINISHED GRADE.
22. ADJUST CATCH BASIN TO FINISHED GRADE.

TESC NOTES:

1. CHECK DAMS ON CHANNELS, PER WSDOT STANDARD DETAIL I-50.20-01. USE BIODEGRADABLE CHECK DAMS.
2. HIGH VISIBILITY SILT FENCE (WITH BACKUP SUPPORT) PER WSDOT STANDARD DETAIL I-30.16-00.
3. HIGH VISIBILITY FENCE PER WSDOT STANDARD DETAIL I-10.10-01.
4. STORM DRAIN INLET PROTECTION, PER WSDOT STANDARD DETAIL I-40.20-00.
5. SANDBAG DAM.
6. STABILIZED CONSTRUCTION ENTRANCE, PER WSDOT STANDARD DETAIL I-80.10-01.
7. TEMPORARILY BYPASS & DEWATER JURISDICTIONAL DITCH DURING VAULT CONSTRUCTION.

LEGEND:

- REMOVE EXISTING GRAVEL SURFACE
- REMOVE ASPHALT PAVEMENT
- INLET PROTECTION
- STABILIZED CONSTRUCTION ENTRANCE

GENERAL NOTE:

1. NO STAGING OR STOCKPILING WITHIN CRITICAL AREA BUFFERS, OR WITHIN THE VICINITY OF BALD EAGLE BREEDING AREA FROM STA 216+50 TO STA 226+75.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03SP-01
JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

PRELIMINARY
TAMMIE Y. HO STATE OF WASHINGTON 40829 REGISTERED PROFESSIONAL ENGINEER

Parametrix
ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

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

SITE PREPARATION AND TESC PLAN

SHEET NO. 19 OF 79
SP3

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995ves\CADD\Phase 20\Task 03\DWG\
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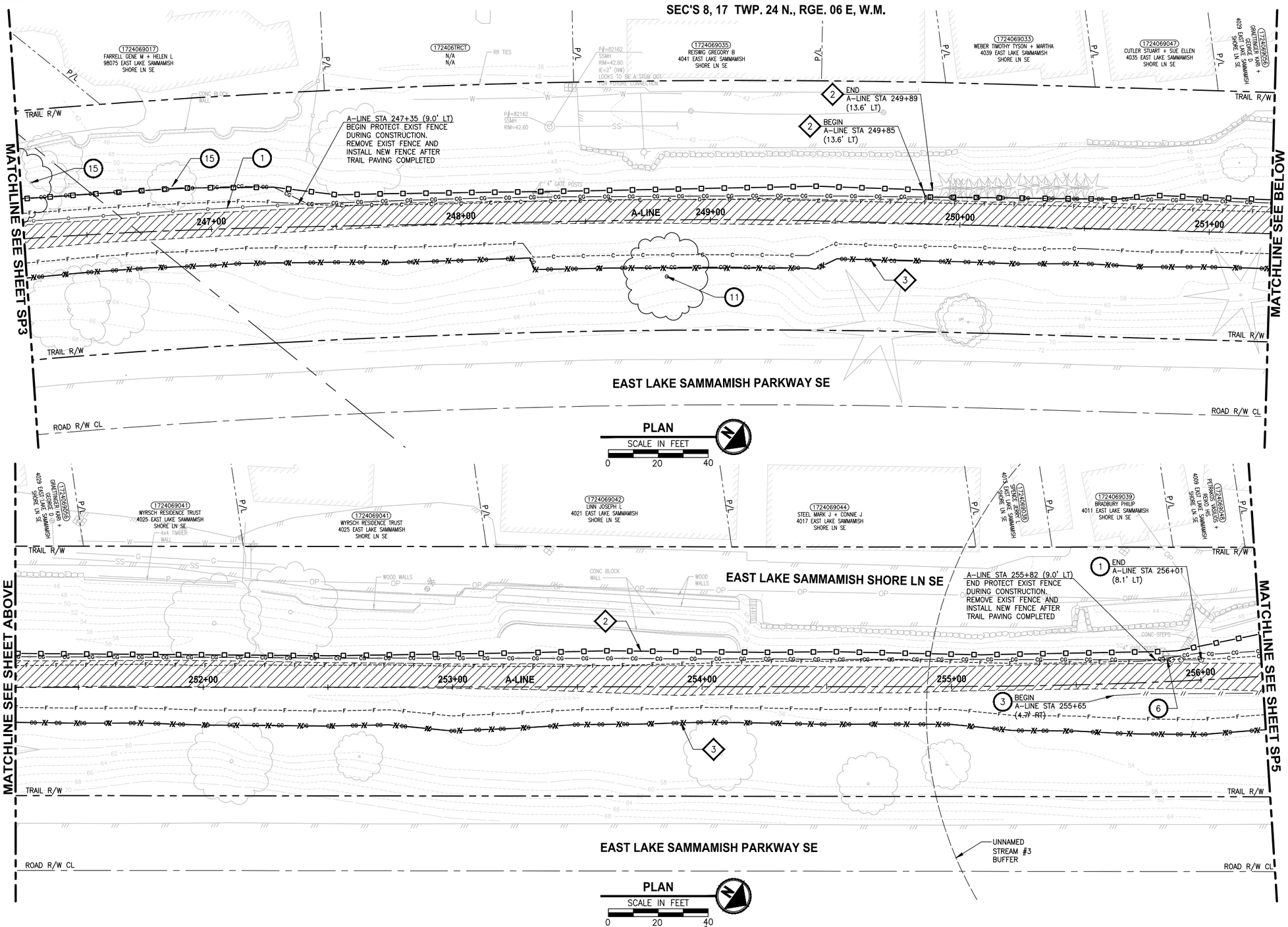

SITE PREPARATION NOTES:

1. REMOVE AND SALVAGE CHAIN LINK FENCE.
2. REMOVE AND SALVAGE SIGN.
3. REMOVE AND SALVAGE SPLIT RAIL FENCE.
4. REMOVAL OF STRUCTURE AND OBSTRUCTION.
5. REMOVE AND SALVAGE WOOD GUARDRAILS.
6. REMOVE AND SALVAGE CHAIN LINK GATE.
7. REMOVE AND SALVAGE TRASH BAG DISPENSER. SEE PS SHEETS.
8. RELOCATE TRASH CAN. SEE PS SHEETS.
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16. INSTALL TEMPORARY SAFETY FENCE. SEE SPECIAL PROVISIONS.
17. REMOVE ALL BRANCHES AND LEAVE 18' TALL TRUNK AS HABITAT SNAG.
18. ADJUST WATER VALVE TO FINISHED GRADE.
19. ADJUST WATER LINES.
20. RELOCATE SIGN. SEE PS SHEETS FOR NEW LOCATION.
21. ADJUST WATER METER TO FINISHED GRADE.
22. ADJUST CATCH BASIN TO FINISHED GRADE.

TESC NOTES:

1. CHECK DAMS ON CHANNELS, PER WSDOT STANDARD DETAIL I-50.20-01. USE BIODEGRADABLE CHECK DAMS.
2. HIGH VISIBILITY SILT FENCE (WITH BACKUP SUPPORT) PER WSDOT STANDARD DETAIL I-30.16-00.
3. HIGH VISIBILITY FENCE PER WSDOT STANDARD DETAIL I-10.10-01.
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5. SANDBAG DAM.
6. STABILIZED CONSTRUCTION ENTRANCE, PER WSDOT STANDARD DETAIL I-80.10-01.
7. TEMPORARILY BYPASS & DEWATER JURISDICTIONAL DITCH DURING VAULT CONSTRUCTION.

LEGEND:

- REMOVE EXISTING GRAVEL SURFACE
- REMOVE ASPHALT PAVEMENT
- INLET PROTECTION
- STABILIZED CONSTRUCTION ENTRANCE

GENERAL NOTE:

1. NO STAGING OR STOCKPILING WITHIN CRITICAL AREA BUFFERS, OR WITHIN THE VICINITY OF BALD EAGLE BREEDING AREA FROM STA 216+50 TO STA 226+75.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03SP-01
JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

PRELIMINARY
YAMMIE Y. HO
STATE OF WASHINGTON
40829
REGISTERED PROFESSIONAL ENGINEER

Parametrix
ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

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

SITE PREPARATION AND TESC PLAN

SHEET NO. 20 OF 79
SP4

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:46:36 PM
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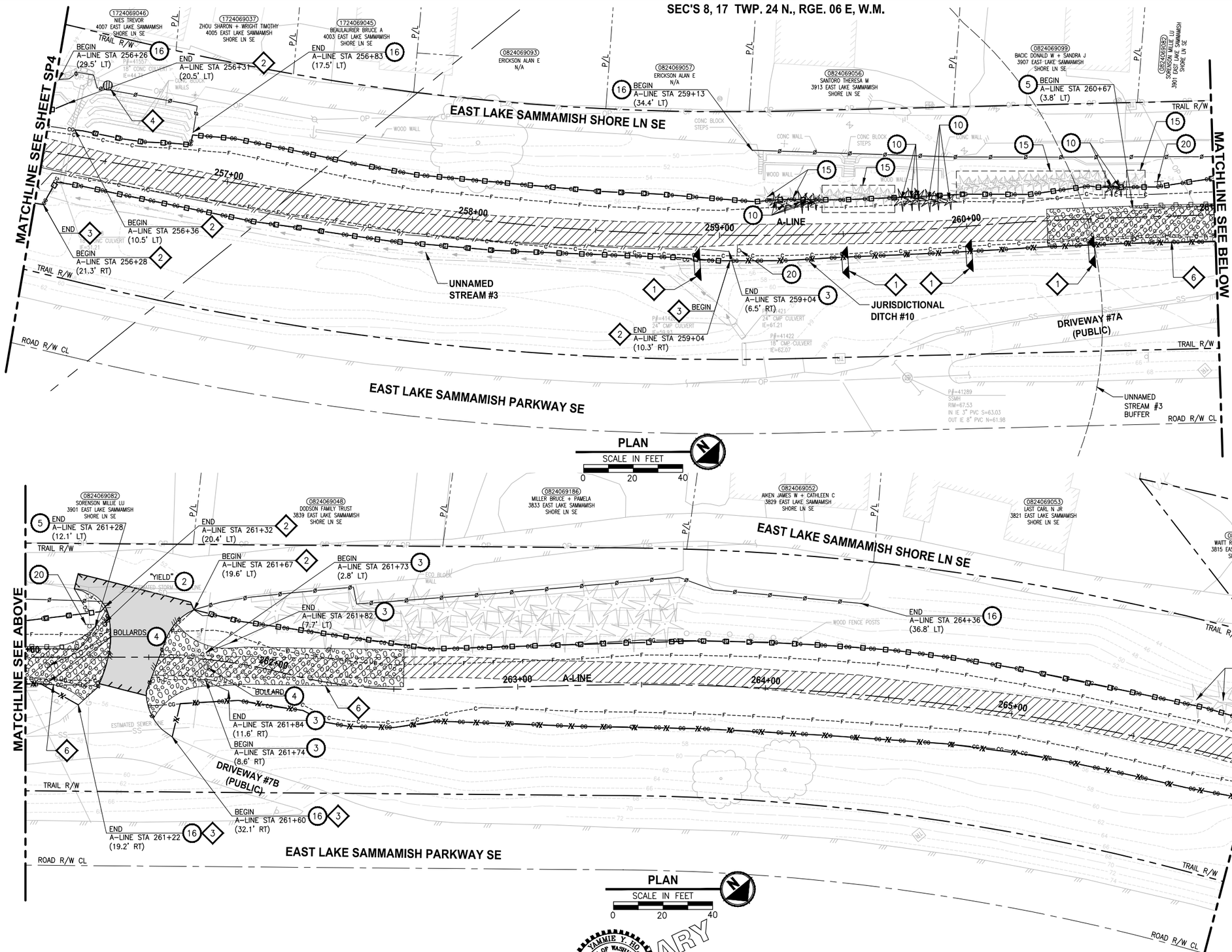

SITE PREPARATION NOTES:

1. REMOVE AND SALVAGE CHAIN LINK FENCE.
2. REMOVE AND SALVAGE SIGN.
3. REMOVE AND SALVAGE SPLIT RAIL FENCE.
4. REMOVAL OF STRUCTURE AND OBSTRUCTION.
5. REMOVE AND SALVAGE WOOD GUARDRAILS.
6. REMOVE AND SALVAGE CHAIN LINK GATE.
7. REMOVE AND SALVAGE TRASH BAG DISPENSER. SEE PS SHEETS.
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17. REMOVE ALL BRANCHES AND LEAVE 18' TALL TRUNK AS HABITAT SNAG.
18. ADJUST WATER VALVE TO FINISHED GRADE.
19. ADJUST WATER LINES.
20. RELOCATE SIGN. SEE PS SHEETS FOR NEW LOCATION.
21. ADJUST WATER METER TO FINISHED GRADE.
22. ADJUST CATCH BASIN TO FINISHED GRADE.

TESC NOTES:

1. CHECK DAMS ON CHANNELS, PER WSDOT STANDARD DETAIL I-50.20-01. USE BIODEGRADABLE CHECK DAMS.
2. HIGH VISIBILITY SILT FENCE (WITH BACKUP SUPPORT) PER WSDOT STANDARD DETAIL I-30.16-00.
3. HIGH VISIBILITY FENCE PER WSDOT STANDARD DETAIL I-10.10-01.
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5. SANDBAG DAM.
6. STABILIZED CONSTRUCTION ENTRANCE, PER WSDOT STANDARD DETAIL I-80.10-01.
7. TEMPORARILY BYPASS & DEWATER JURISDICTIONAL DITCH DURING VAULT CONSTRUCTION.

LEGEND:

- REMOVE EXISTING GRAVEL SURFACE
- REMOVE ASPHALT PAVEMENT
- INLET PROTECTION
- STABILIZED CONSTRUCTION ENTRANCE

GENERAL NOTE:

1. NO STAGING OR STOCKPILING WITHIN CRITICAL AREA BUFFERS, OR WITHIN THE VICINITY OF BALD EAGLE BREEDING AREA FROM STA 216+50 TO STA 226+75.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03SP-01
JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

PRELIMINARY
YAMMIE Y. HO STATE OF WASHINGTON 40829 REGISTERED PROFESSIONAL ENGINEER

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

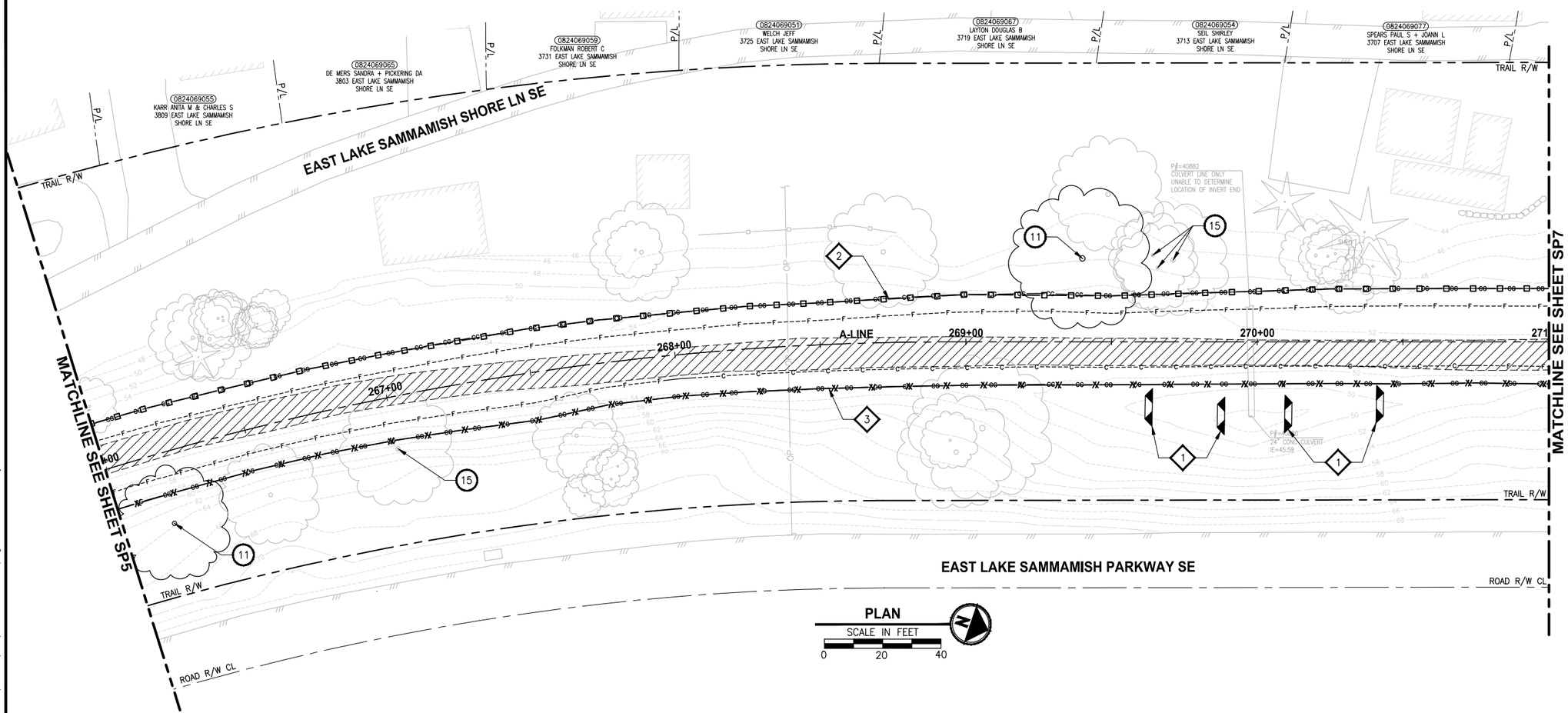
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

SITE PREPARATION AND TESC PLAN

SHEET NO. 21 OF 79
SP5

PATH: U:\PSO\Projects\Clients\521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:46:55 PM LAYOUT: SP5

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



SITE PREPARATION NOTES:

1. REMOVE AND SALVAGE CHAIN LINK FENCE.
2. REMOVE AND SALVAGE SIGN.
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4. REMOVAL OF STRUCTURE AND OBSTRUCTION.
5. REMOVE AND SALVAGE WOOD GUARDRAILS.
6. REMOVE AND SALVAGE CHAIN LINK GATE.
7. REMOVE AND SALVAGE TRASH BAG DISPENSER. SEE PS SHEETS.
8. RELOCATE TRASH CAN. SEE PS SHEETS.
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17. REMOVE ALL BRANCHES AND LEAVE 18' TALL TRUNK AS HABITAT SNAG.
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TESC NOTES:

1. CHECK DAMS ON CHANNELS, PER WSDOT STANDARD DETAIL I-50.20-01. USE BIODEGRADABLE CHECK DAMS.
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5. SANDBAG DAM.
6. STABILIZED CONSTRUCTION ENTRANCE, PER WSDOT STANDARD DETAIL I-80.10-01.
7. TEMPORARILY BYPASS & DEWATER JURISDICTIONAL DITCH DURING VAULT CONSTRUCTION.

LEGEND:

- REMOVE EXISTING GRAVEL SURFACE
- REMOVE ASPHALT PAVEMENT
- INLET PROTECTION
- STABILIZED CONSTRUCTION ENTRANCE

GENERAL NOTE:

1. NO STAGING OR STOCKPILING WITHIN CRITICAL AREA BUFFERS, OR WITHIN THE VICINITY OF BALD EAGLE BREEDING AREA FROM STA 216+50 TO STA 226+75.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03SP-01
JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

PRELIMINARY
YAMMIE Y. HO
STATE OF WASHINGTON
40829
REGISTERED PROFESSIONAL ENGINEER

Parametrix
ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

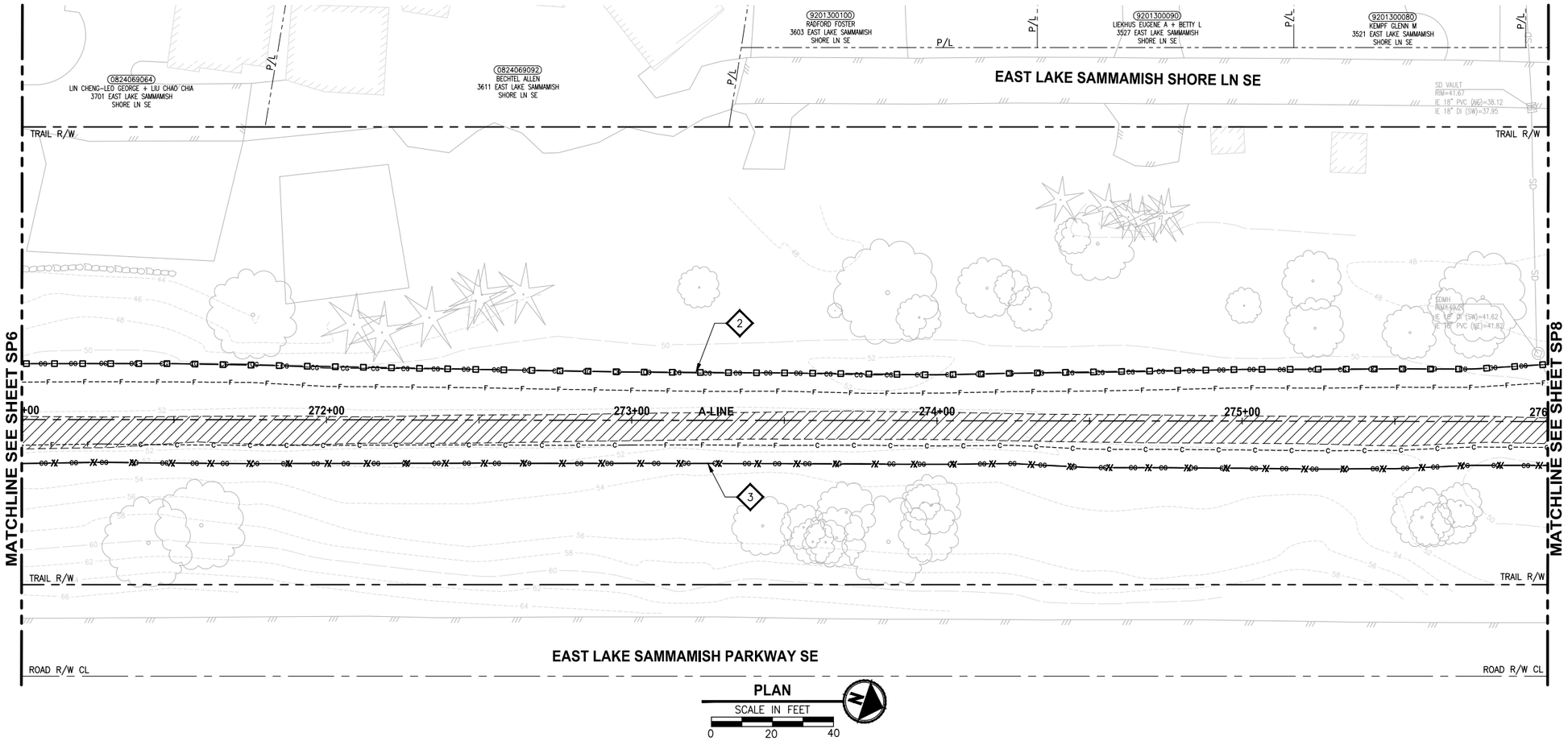
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

SITE PREPARATION AND TESC PLAN

SHEET NO. 22 OF 79
SP6

LAYOUT: SP6 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:47:05 PM

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



PLAN

SCALE IN FEET

0 20 40

SITE PREPARATION NOTES:

1. REMOVE AND SALVAGE CHAIN LINK FENCE.
2. REMOVE AND SALVAGE SIGN.
3. REMOVE AND SALVAGE SPLIT RAIL FENCE.
4. REMOVAL OF STRUCTURE AND OBSTRUCTION.
5. REMOVE AND SALVAGE WOOD GUARDRAILS.
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TESC NOTES:

1. CHECK DAMS ON CHANNELS, PER WSDOT STANDARD DETAIL I-50.20-01. USE BIODEGRADABLE CHECK DAMS.
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6. STABILIZED CONSTRUCTION ENTRANCE, PER WSDOT STANDARD DETAIL I-80.10-01.
7. TEMPORARILY BYPASS & DEWATER JURISDICTIONAL DITCH DURING VAULT CONSTRUCTION.

LEGEND:

- REMOVE EXISTING GRAVEL SURFACE
- REMOVE ASPHALT PAVEMENT
- INLET PROTECTION
- STABILIZED CONSTRUCTION ENTRANCE

GENERAL NOTE:

1. NO STAGING OR STOCKPILING WITHIN CRITICAL AREA BUFFERS, OR WITHIN THE VICINITY OF BALD EAGLE BREEDING AREA FROM STA 216+50 TO STA 226+75.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03SP-01
JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

PRELIMINARY
TAMMIE Y. HO
STATE OF WASHINGTON
40829
REGISTERED PROFESSIONAL ENGINEER

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

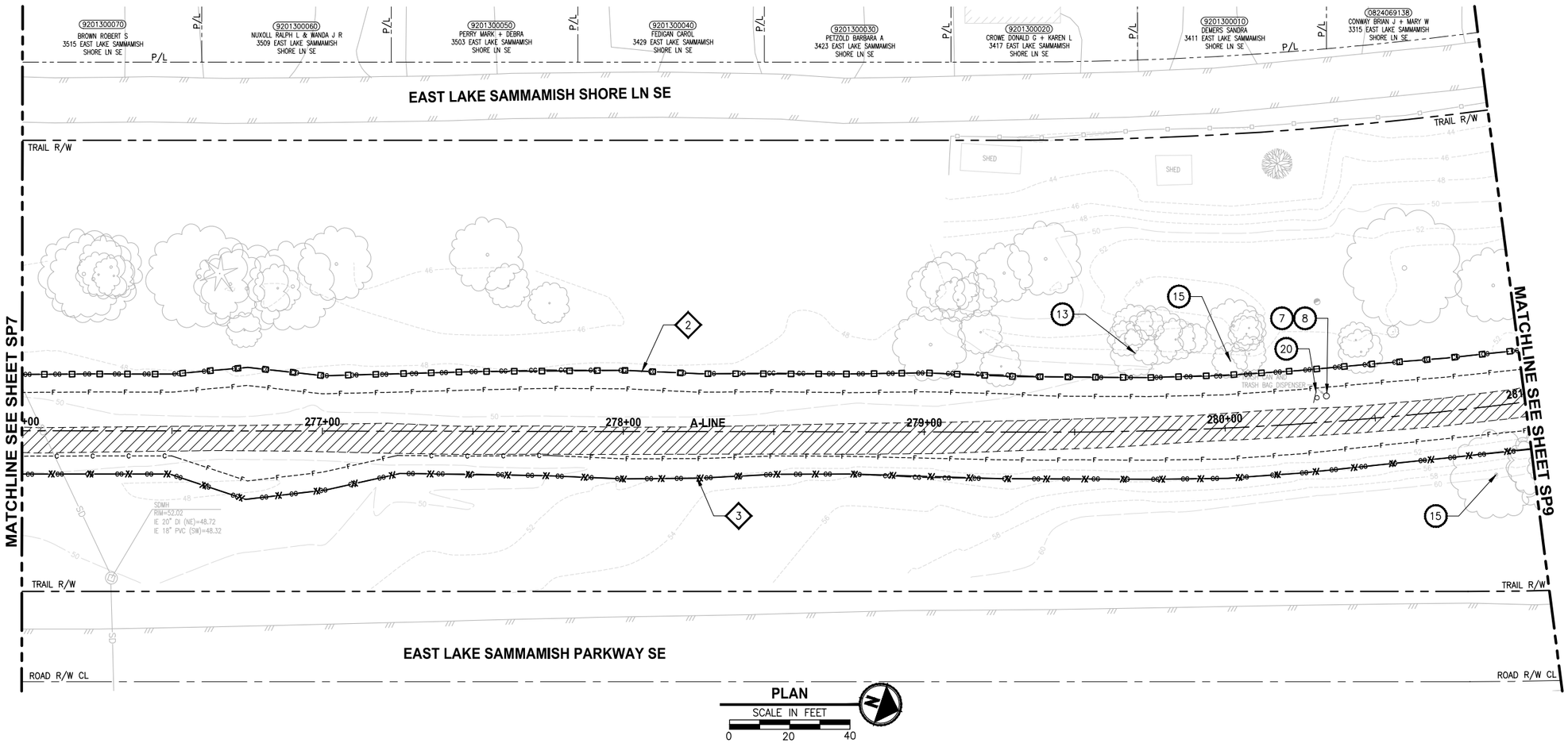
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

SITE PREPARATION AND TESC PLAN

SHEET NO. 23 OF 79
SP7

LAYOUT: SP7 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995ves\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:47:15 PM

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



PLAN

SCALE IN FEET

0 20 40

SITE PREPARATION NOTES:

1. REMOVE AND SALVAGE CHAIN LINK FENCE.
2. REMOVE AND SALVAGE SIGN.
3. REMOVE AND SALVAGE SPLIT RAIL FENCE.
4. REMOVAL OF STRUCTURE AND OBSTRUCTION.
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LEGEND:

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- STABILIZED CONSTRUCTION ENTRANCE

GENERAL NOTE:

1. NO STAGING OR STOCKPILING WITHIN CRITICAL AREA BUFFERS, OR WITHIN THE VICINITY OF BALD EAGLE BREEDING AREA FROM STA 216+50 TO STA 226+75.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
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ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

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DATE DECEMBER 2014

PRELIMINARY
YAMMIE Y. HO
STATE OF WASHINGTON
40829
REGISTERED PROFESSIONAL ENGINEER

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P 206.394.3700
WWW.PARAMETRIX.COM

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

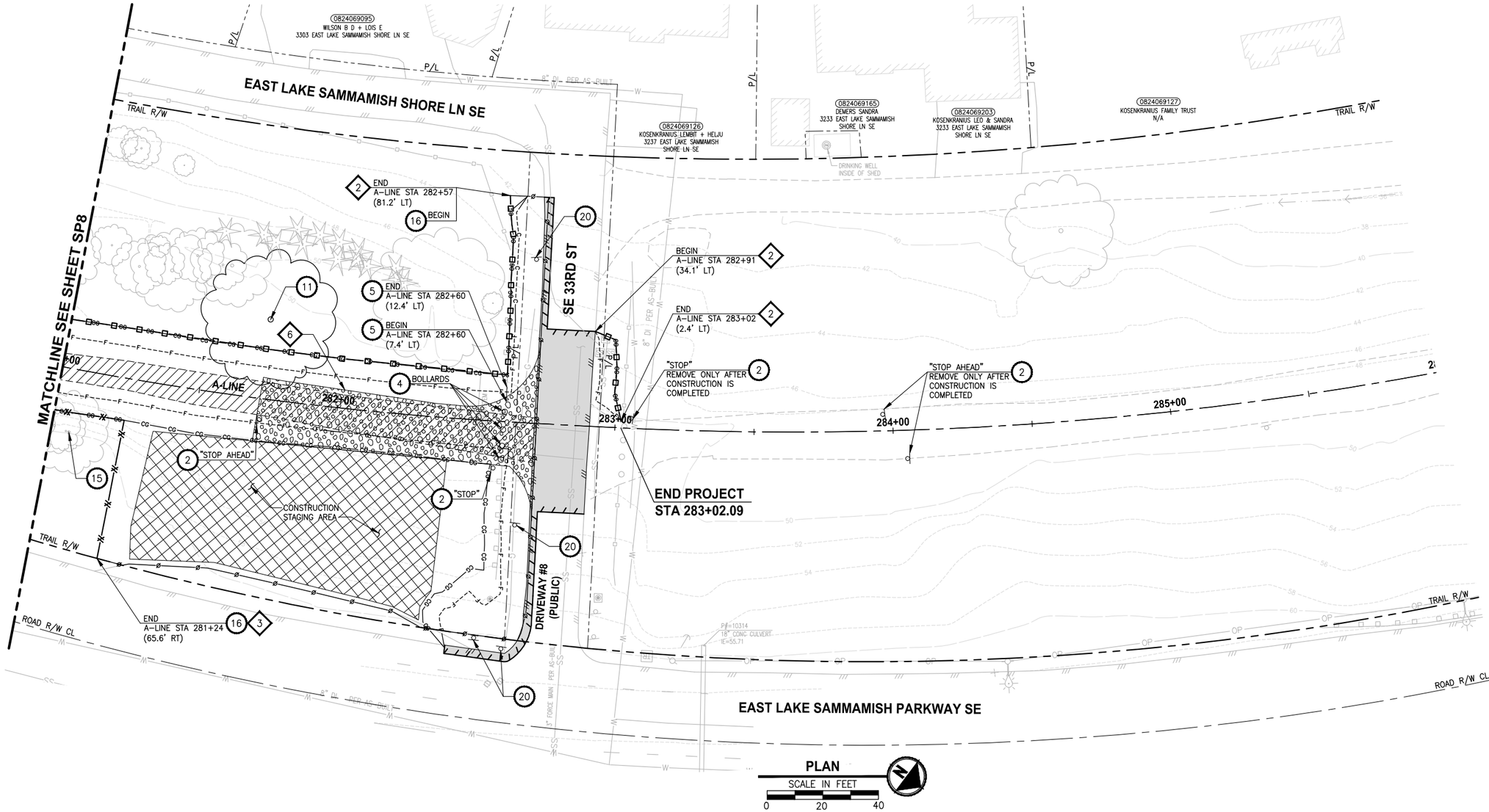
SITE PREPARATION AND TESC PLAN

SHEET NO. 24 OF 79

SP8

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\
PLOTTED BY: purgabut
DATE: Thursday, December 18, 2014 12:47:25 PM
LAYOUT: SP8

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



SITE PREPARATION NOTES:

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7. REMOVE AND SALVAGE TRASH BAG DISPENSER. SEE PS SHEETS.
8. RELOCATE TRASH CAN. SEE PS SHEETS.
9. PRUNE TREE FOR 10' VERTICAL CLEARANCE PER ARBORISTS' ASSESSMENT. TREE SHALL BE FLAGGED PRIOR TO PRUNING.
10. REMOVE TREE WITHIN CLEARING AND GRUBBING LIMITS.
11. REMOVE TREE OUTSIDE OF CLEARING AND GRUBBING LIMITS PER ARBORISTS' ASSESSMENT. TREE SHALL BE FLAGGED PRIOR TO REMOVAL.
12. RETAIN TREE WITHIN CLEARING AND GRUBBING LIMITS PER ARBORISTS' ASSESSMENT.
13. PRUNE TREE ROOT PER ARBORISTS' ASSESSMENT. TREE SHALL BE FLAGGED PRIOR TO PRUNING.
14. REMOVE DEAD STEM.
15. MONITOR TREE, BY ARBORISTS.
16. INSTALL TEMPORARY SAFETY FENCE. SEE SPECIAL PROVISIONS.
17. REMOVE ALL BRANCHES AND LEAVE 18' TALL TRUNK AS HABITAT SNAG.
18. ADJUST WATER VALVE TO FINISHED GRADE.
19. ADJUST WATER LINES.
20. RELOCATE SIGN. SEE PS SHEETS FOR NEW LOCATION.
21. ADJUST WATER METER TO FINISHED GRADE.
22. ADJUST CATCH BASIN TO FINISHED GRADE.

TESC NOTES:

1. CHECK DAMS ON CHANNELS, PER WSDOT STANDARD DETAIL I-50.20-01. USE BIODEGRADABLE CHECK DAMS.
2. HIGH VISIBILITY SILT FENCE (WITH BACKUP SUPPORT) PER WSDOT STANDARD DETAIL I-30.16-00.
3. HIGH VISIBILITY FENCE PER WSDOT STANDARD DETAIL I-10.10-01.
4. STORM DRAIN INLET PROTECTION, PER WSDOT STANDARD DETAIL I-40.20-00.
5. SANDBAG DAM.
6. STABILIZED CONSTRUCTION ENTRANCE, PER WSDOT STANDARD DETAIL I-80.10-01.
7. TEMPORARILY BYPASS & DEWATER JURISDICTIONAL DITCH DURING VAULT CONSTRUCTION.

LEGEND:

- REMOVE EXISTING GRAVEL SURFACE
- REMOVE ASPHALT PAVEMENT
- INLET PROTECTION
- STABILIZED CONSTRUCTION ENTRANCE

GENERAL NOTE:

1. NO STAGING OR STOCKPILING WITHIN CRITICAL AREA BUFFERS, OR WITHIN THE VICINITY OF BALD EAGLE BREEDING AREA FROM STA 216+50 TO STA 226+75.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03SP-01
JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

PRELIMINARY
YAMMIE Y. HO — STATE OF WASHINGTON — 40829 — REGISTERED PROFESSIONAL ENGINEER

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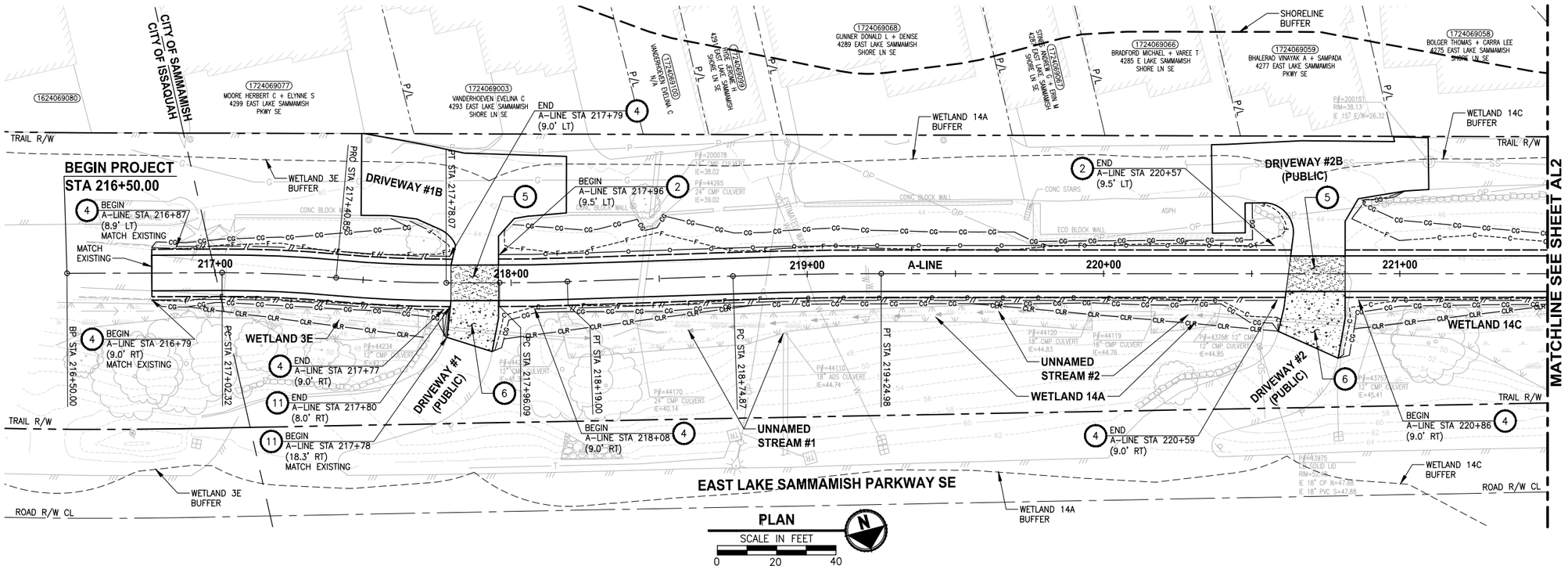
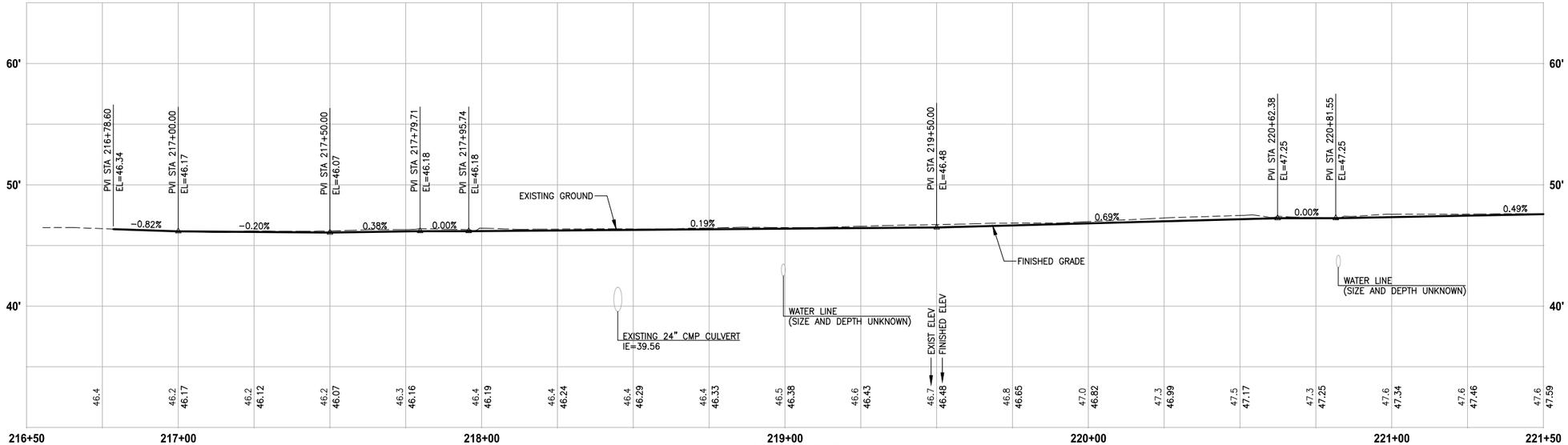
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

SITE PREPARATION AND TESC PLAN

SHEET NO. 25 OF 79
SP9

LAYOUT: SP9 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:47:35 PM





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 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. CEMENT CONCRETE DRIVEWAY. SEE DP SHEETS.
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8. WALL DRAIN OUTFALL LOCATION. SEE SHEET WD1.
9. CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER WSDOT STD PLAN F-10.12-03.
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13. ADJUST WATER LINES. ELEVATIONS TO BE DETERMINED AFTER POTHOLING.

STORMWATER CONSTRUCTION NOTES:

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2. QUARRY SPALL OUTFALL PROTECTION, SEE DETAIL 2 ON SHEET DD1.
3. CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
4. INFILTRATION TRENCH, SEE DETAIL 3 ON SHEET DD1.

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, PIPES AND DITCH.
3. SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

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JOB No. 554-1521-075 P20T03
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PRELIMINARY
YAMMIE Y. HO
STATE OF WASHINGTON
40829
REGISTERED PROFESSIONAL ENGINEER

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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 79
AL1

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:48:22 PM
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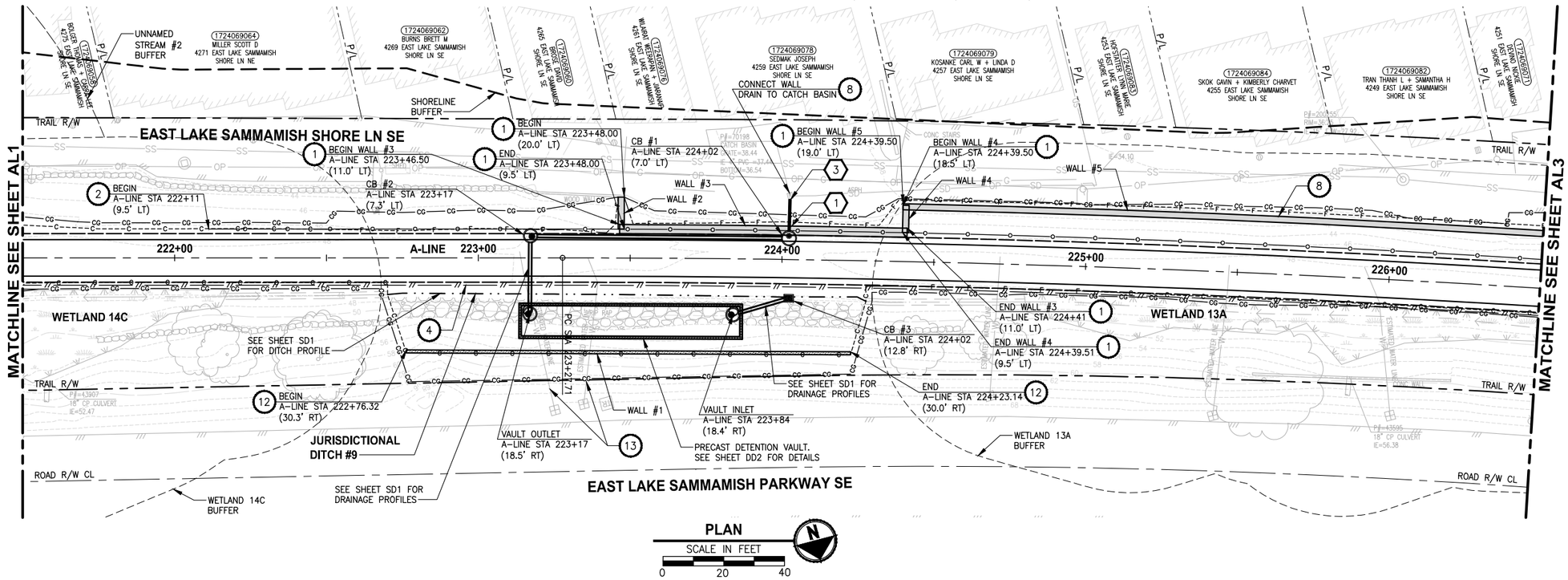

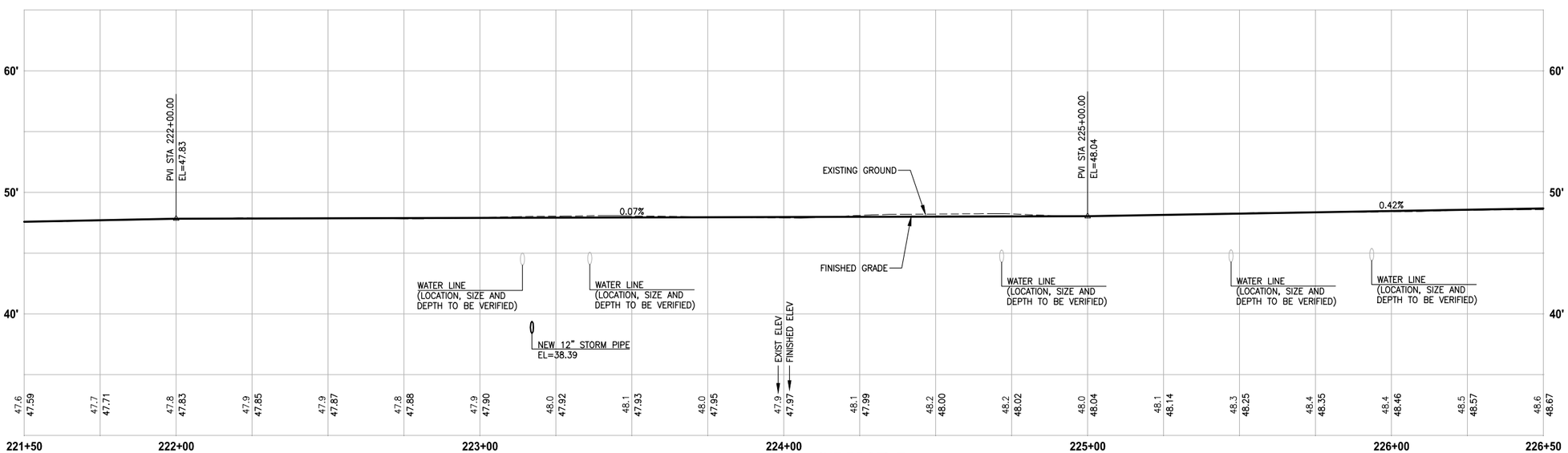

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3. SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

DESIGNED J. JUN / C. BUITRAGO
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03AL-01
JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

YAMMIE Y. HO STATE OF WASHINGTON 46829 REGISTERED PROFESSIONAL ENGINEER
CRAIG A. BUITRAGO STATE OF WASHINGTON 49427 REGISTERED PROFESSIONAL ENGINEER

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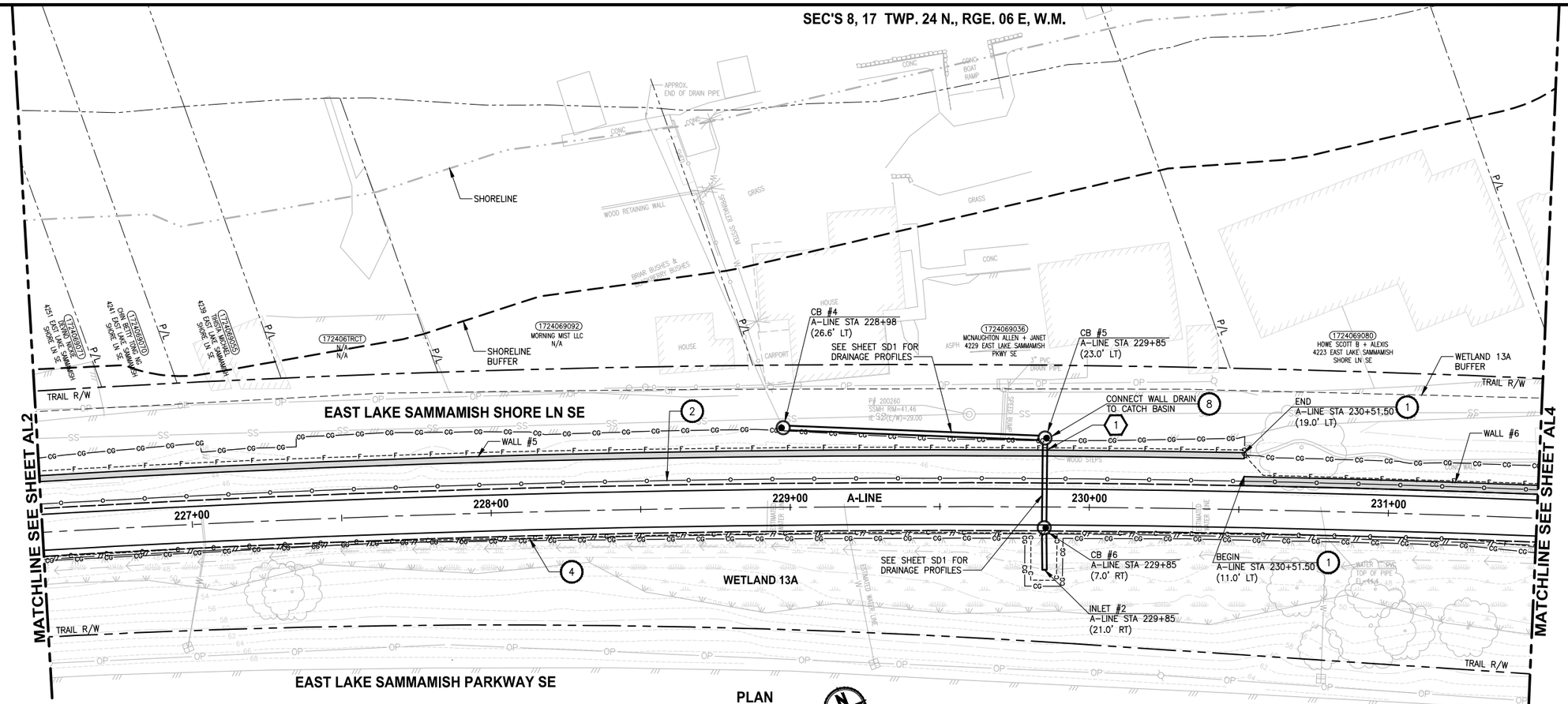
WWW.PARAMETRIX.COM

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

PLAN AND PROFILE

SHEET NO. 27 OF 79
AL2

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:48:38 PM LAYOUT: AL2



PLAN

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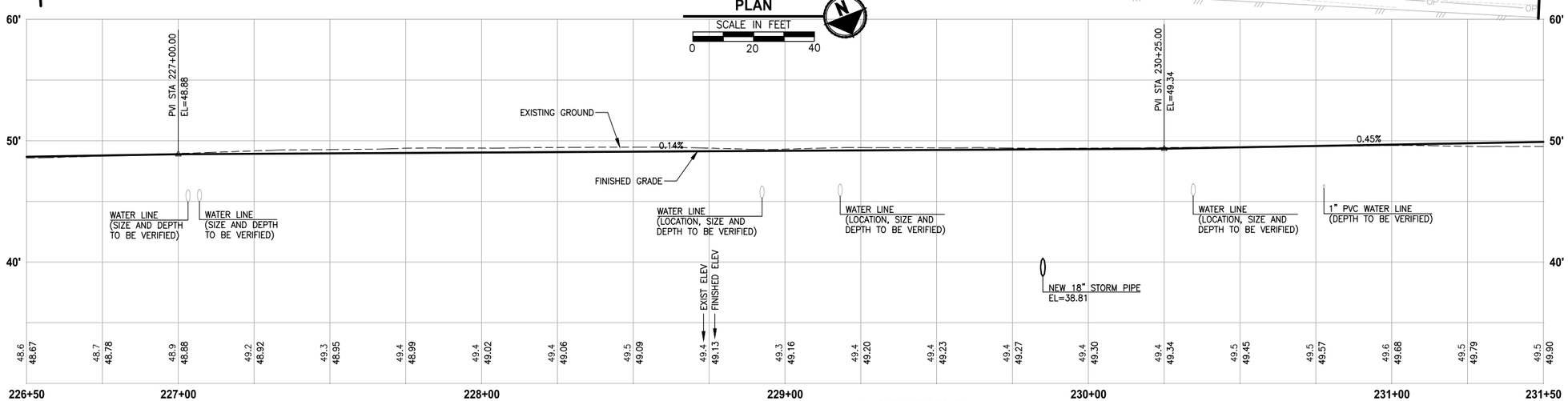

A-LINE PROFILE

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

CIVIL CONSTRUCTION NOTES:

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2. SEE SD AND DD SHEETS FOR GENERAL NOTES RELATED TO STORM DRAIN STRUCTURES, PIPES AND DITCH.
3. SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED J. JUN / C. BUITRAGO
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03AL-01
JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

YAMMIE Y. HO — STATE OF WASHINGTON — 46859 — REGISTERED PROFESSIONAL ENGINEER
CRAIG A. BUITRAGO — STATE OF WASHINGTON — 49427 — REGISTERED PROFESSIONAL ENGINEER

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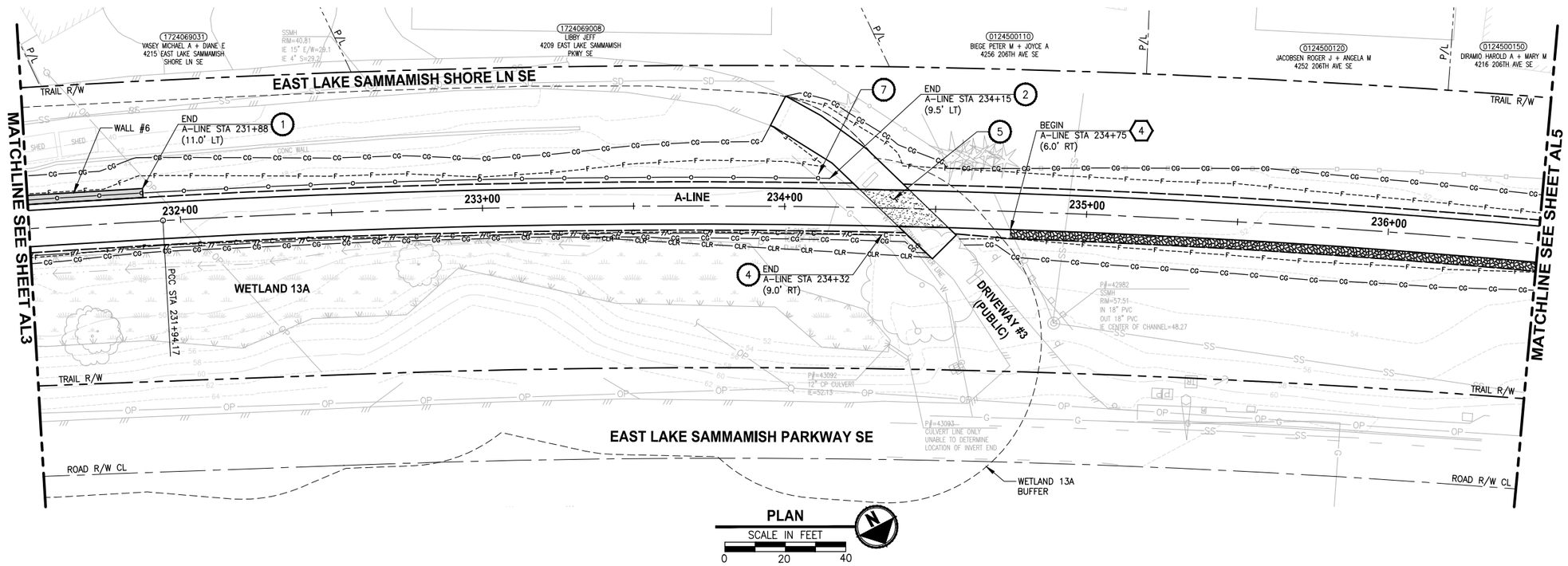
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
28 OF 79
AL3

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\
PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:48:53 PM
LAYOUT: AL3

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



PLAN

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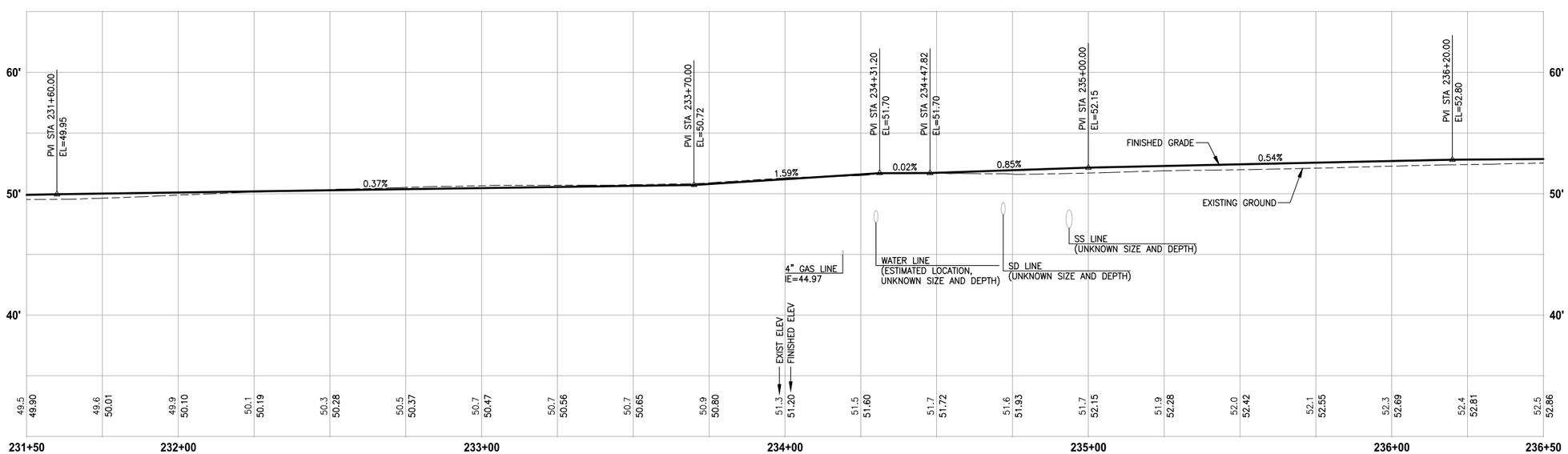

A-LINE PROFILE

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

CIVIL CONSTRUCTION NOTES:

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GENERAL NOTES:

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3. SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
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JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

PRELIMINARY
YAMMIE Y. HO
STATE OF WASHINGTON
40829
REGISTERED PROFESSIONAL ENGINEER

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

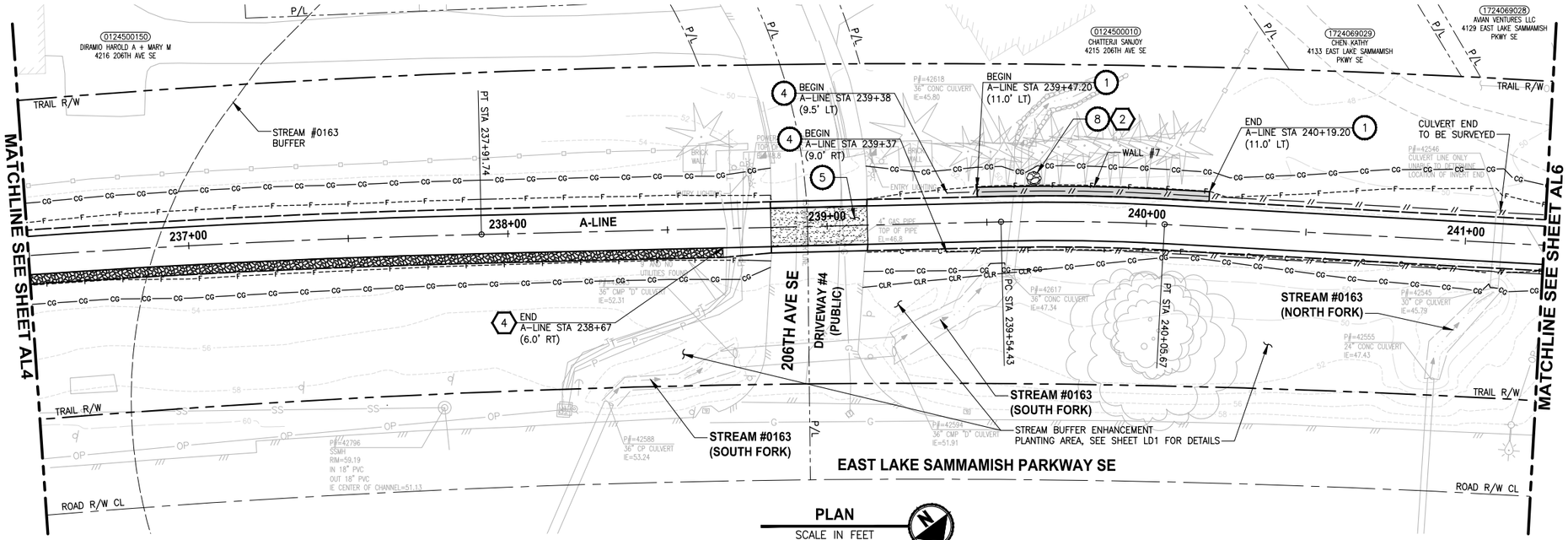
PLAN AND PROFILE

SHEET NO. 29 OF 79

AL4

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:49:08 PM
LAYOUT: AL4

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



PLAN

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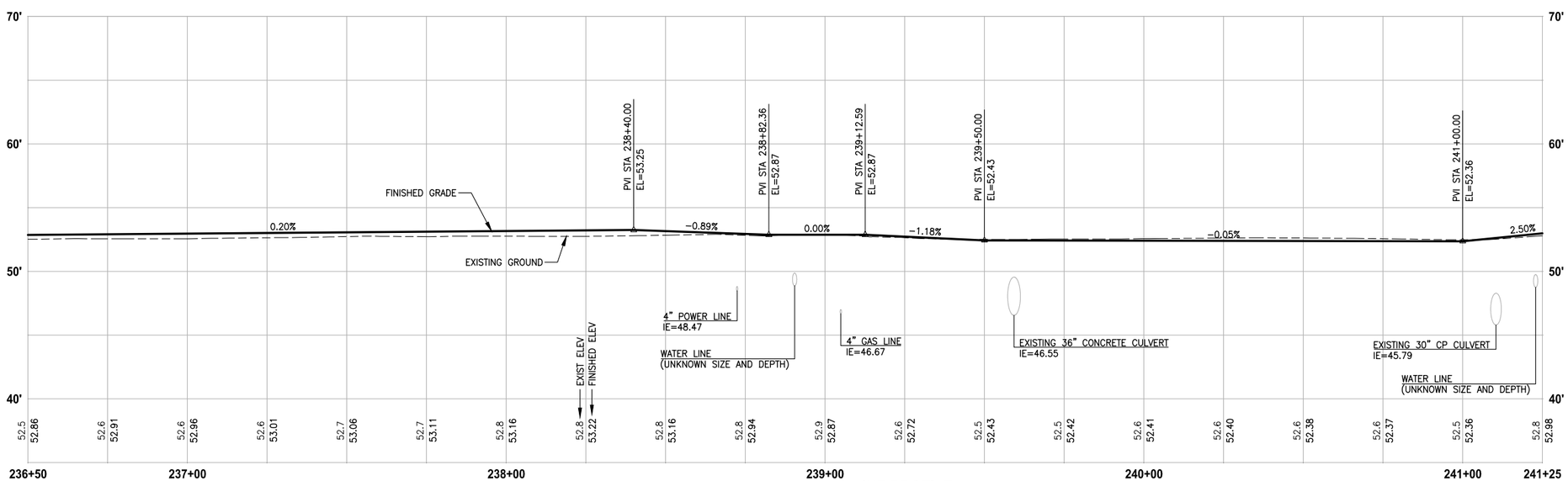

A-LINE PROFILE

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CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

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DRAWN B. PURGANAN
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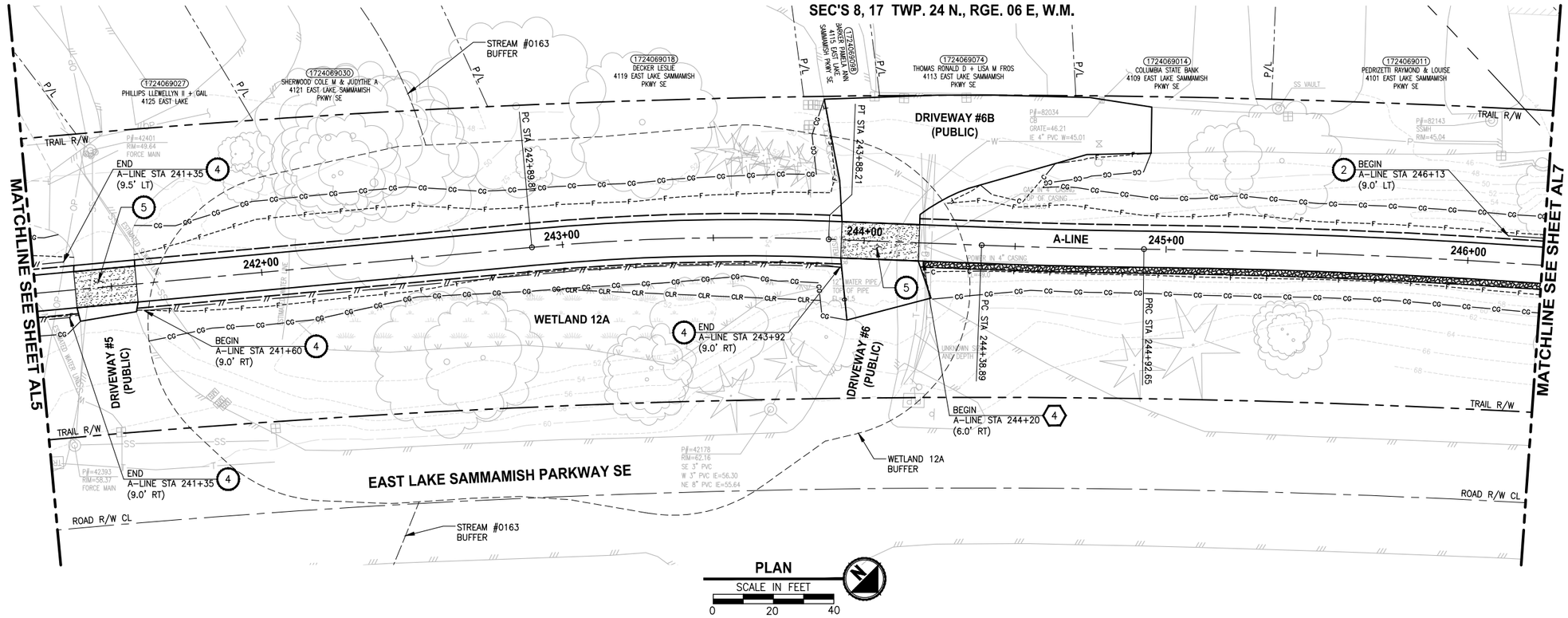
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO. 30 OF 79
AL5

LAYOUT: AL5 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:49:21 PM



PLAN

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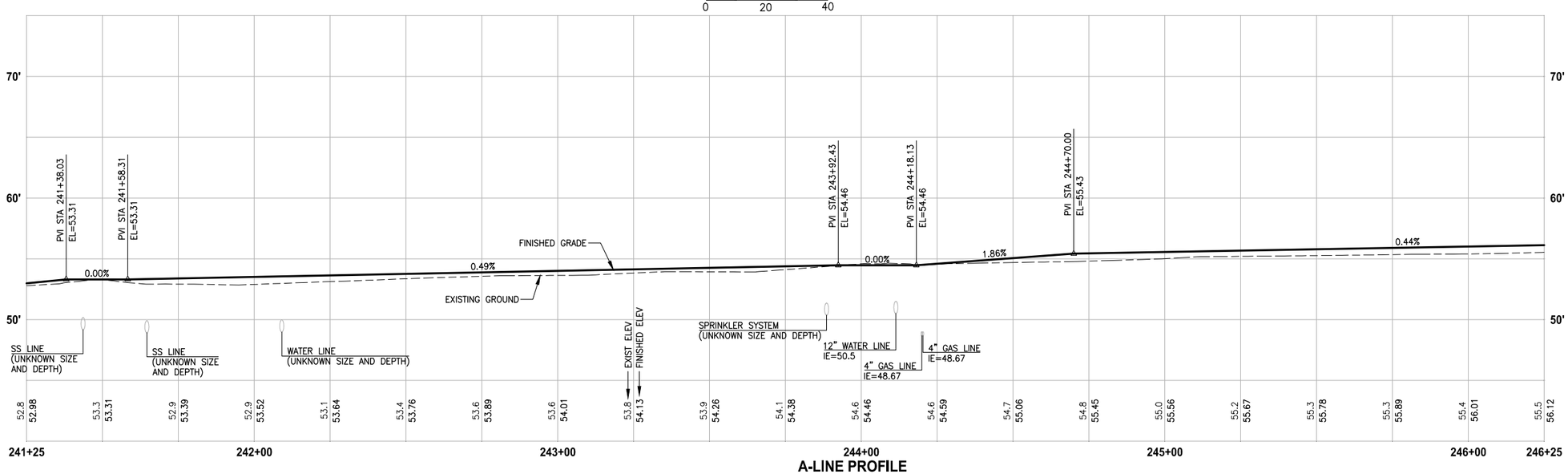

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4. INSTALL SPLIT RAIL FENCE, SEE DETAILS ON SHEET MD3.
5. INSTALL PATTERNED CONCRETE DRIVEWAY, SEE DETAILS ON SHEET MD2 AND DP SHEETS.
6. CEMENT CONCRETE DRIVEWAY. SEE DP SHEETS.
7. INSTALL PVC SLEEVE 4 IN. DIA FOR GAS LINE.
8. WALL DRAIN OUTFALL LOCATION. SEE SHEET WD1.
9. CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER WSDOT STD PLAN F-10.12-03.
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 SOLDIER PILE WALL. SEE DETAILS ON SHEET S1. SEE WALL PROFILE ON SHEET WP1.
13. ADJUST WATER LINES. ELEVATIONS TO BE DETERMINED AFTER POTHOLING.

STORMWATER CONSTRUCTION NOTES:

1. CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1. SEE WALL PROFILE ON WP SHEETS FOR WALLS #3, #5 AND #7.
2. QUARRY SPALL OUTFALL PROTECTION, SEE DETAIL 2 ON SHEET DD1.
3. CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
4. INFILTRATION TRENCH, SEE DETAIL 3 ON SHEET DD1.

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, PIPES AND DITCH.
3. SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03AL-01
JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

PRELIMINARY
YAMMIE Y. HO STATE OF WASHINGTON 40820 REGISTERED PROFESSIONAL ENGINEER

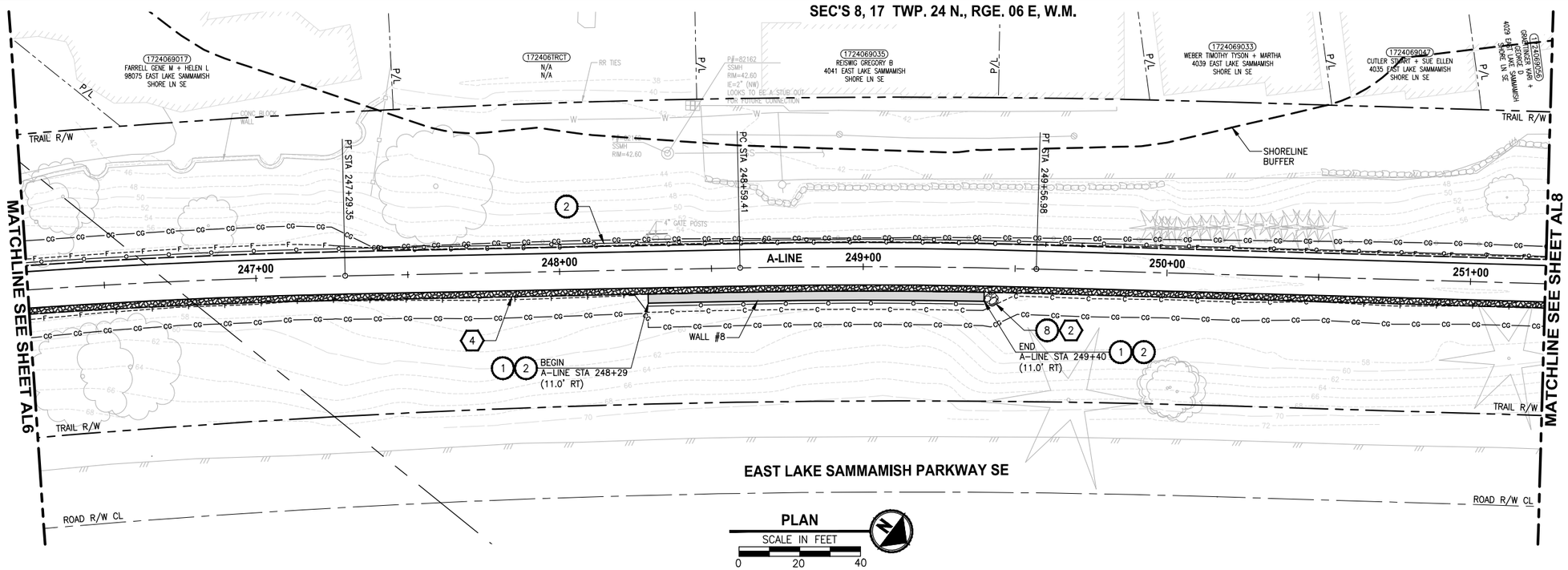
Parametrix
ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

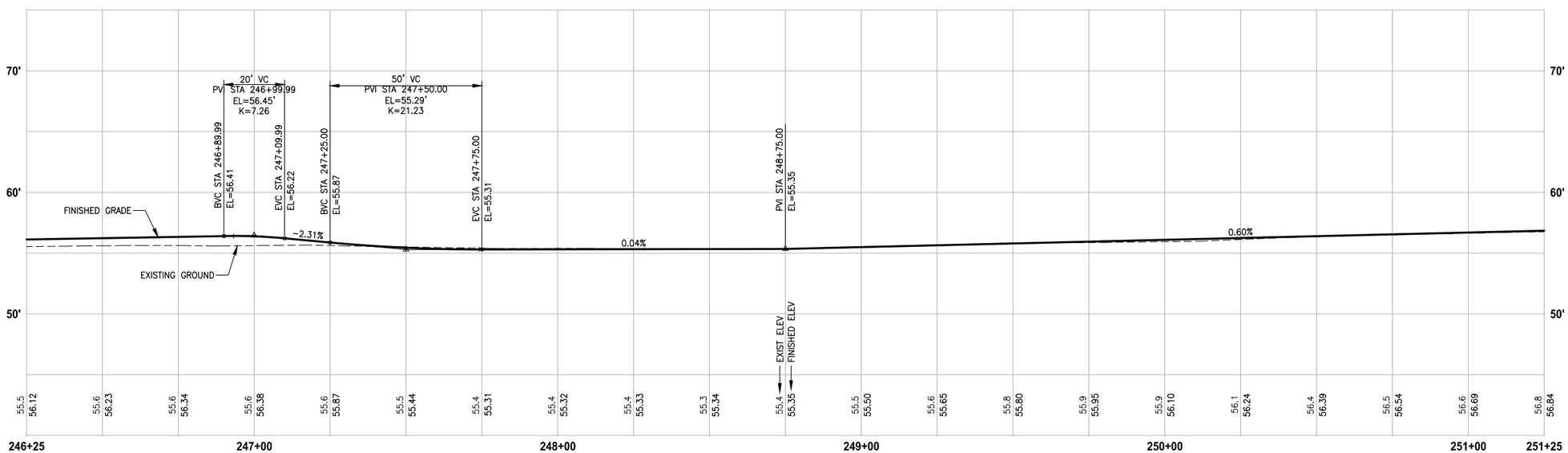
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
31 OF 79
AL6

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:49:33 PM
LAYOUT: AL6





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 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. CEMENT CONCRETE DRIVEWAY. SEE DP SHEETS.
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12. INSTALL SOLDIER PILE WALL. SEE DETAILS ON SHEET S1. SEE WALL PROFILE ON SHEET WP1.
13. ADJUST WATER LINES. ELEVATIONS TO BE DETERMINED AFTER POTHOLING.

STORMWATER CONSTRUCTION NOTES:

1. CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1. SEE WALL PROFILE ON WP SHEETS FOR WALLS #3, #5 AND #7.
2. QUARRY SPALL OUTFALL PROTECTION, SEE DETAIL 2 ON SHEET DD1.
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4. INFILTRATION TRENCH, SEE DETAIL 3 ON SHEET DD1.

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, PIPES AND DITCH.
3. SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03AL-01
JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

PRELIMINARY
YAMMIE Y. HO
STATE OF WASHINGTON
40829
REGISTERED PROFESSIONAL ENGINEER

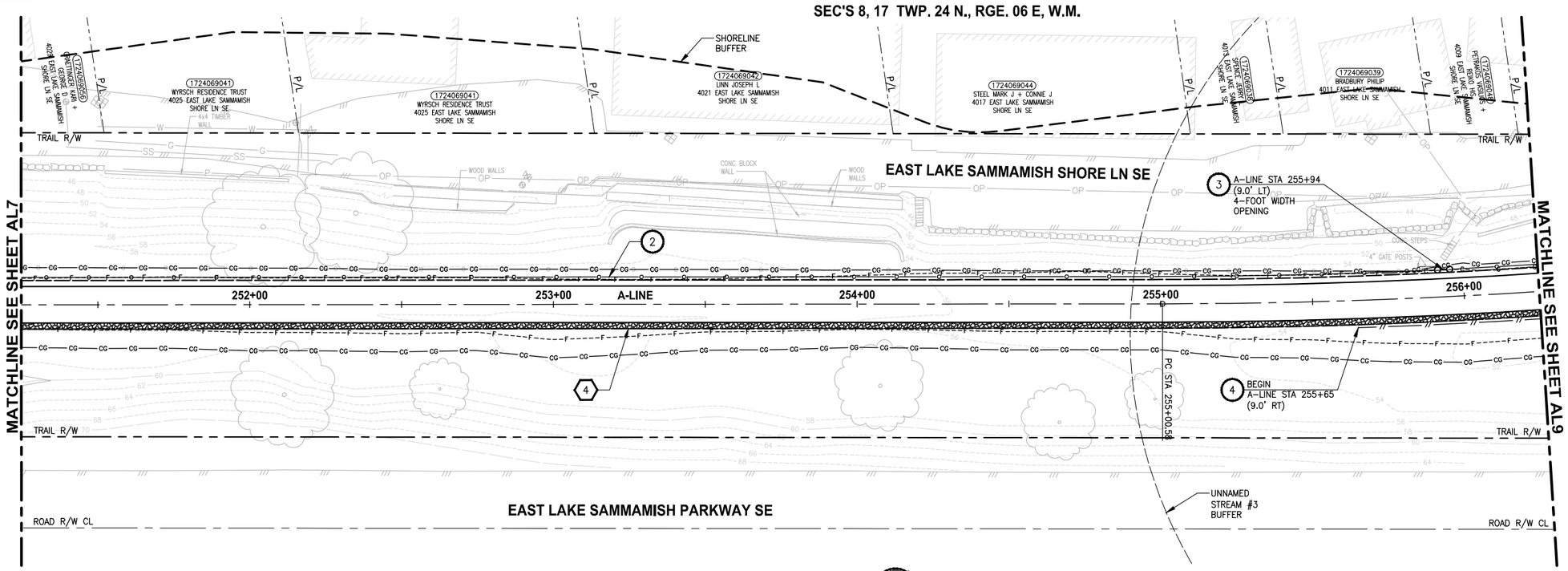
Parametrix
ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

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

PLAN AND PROFILE

SHEET NO.
32 OF 79
AL7

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:49:48 PM
LAYOUT: AL7



PLAN

SCALE IN FEET

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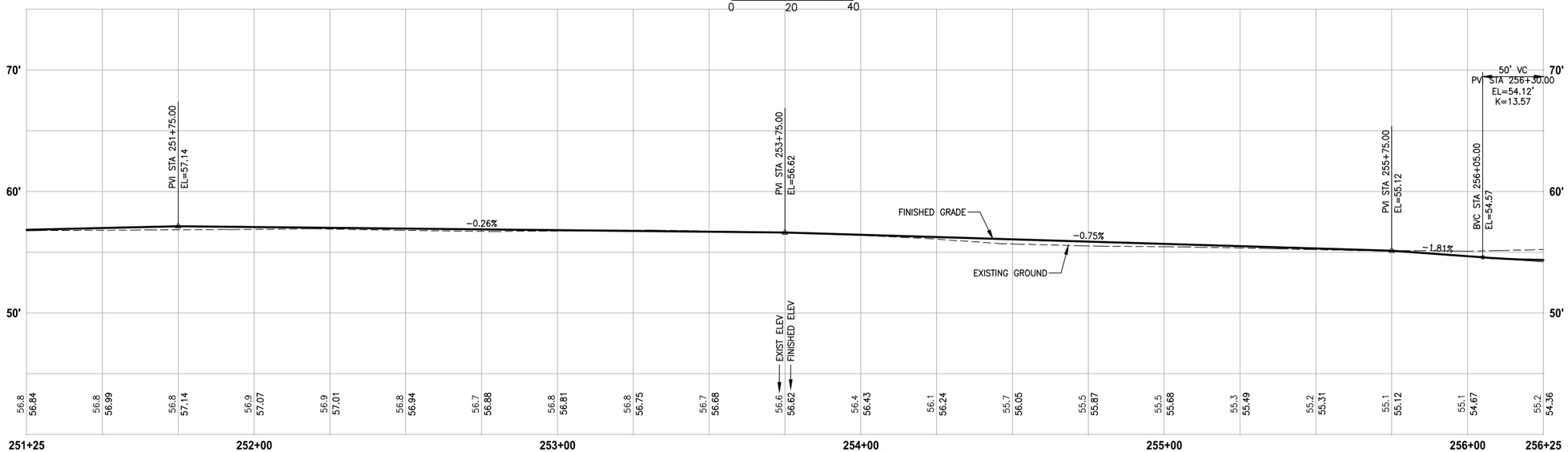

A-LINE PROFILE

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.
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STORMWATER CONSTRUCTION NOTES:

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4. INFILTRATION TRENCH, SEE DETAIL 3 ON SHEET DD1.

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, PIPES AND DITCH.
3. SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
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JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

PRELIMINARY
TAMMIE Y. HO STATE OF WASHINGTON 40829 REGISTERED PROFESSIONAL ENGINEER

Parametrix
ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

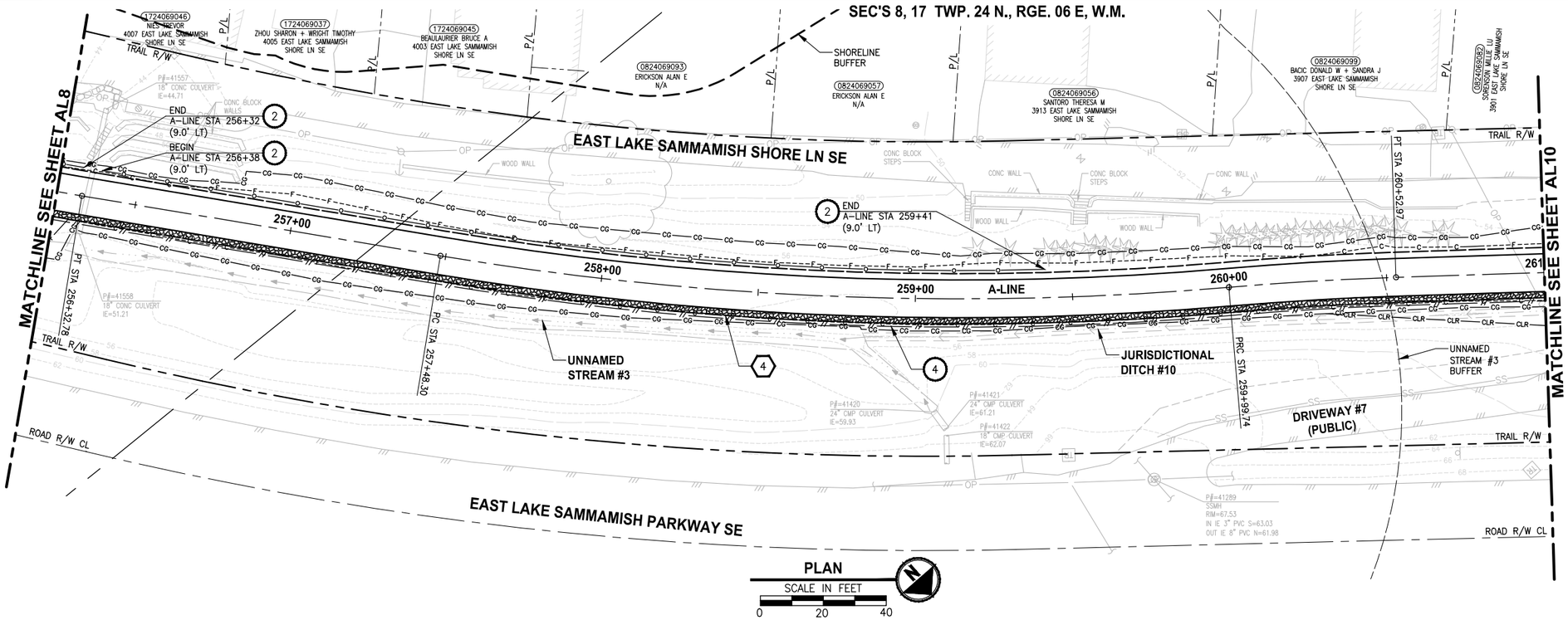
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

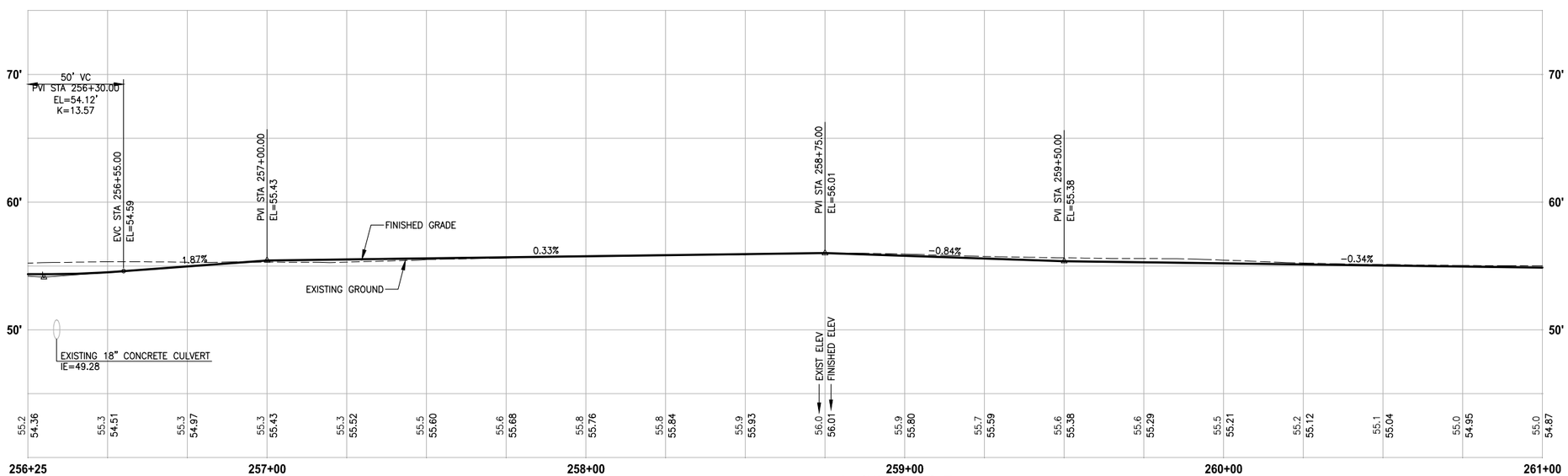
PLAN AND PROFILE

SHEET NO.
33 OF 79

AL8

LAYOUT: AL8 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995ves\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgobut DATE: Thursday, December 18, 2014 12:50:01 PM





A-LINE PROFILE

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CIVIL CONSTRUCTION NOTES:

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STORMWATER CONSTRUCTION NOTES:

1. CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1. SEE WALL PROFILE ON WP SHEETS FOR WALLS #3, #5 AND #7.
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GENERAL NOTES:

1. SEE DP SHEETS FOR DRIVEWAY PLAN AND PROFILE.
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3. SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03AL-01
JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

PRELIMINARY
YAMMIE Y. HO STATE OF WASHINGTON 40829 REGISTERED PROFESSIONAL ENGINEER

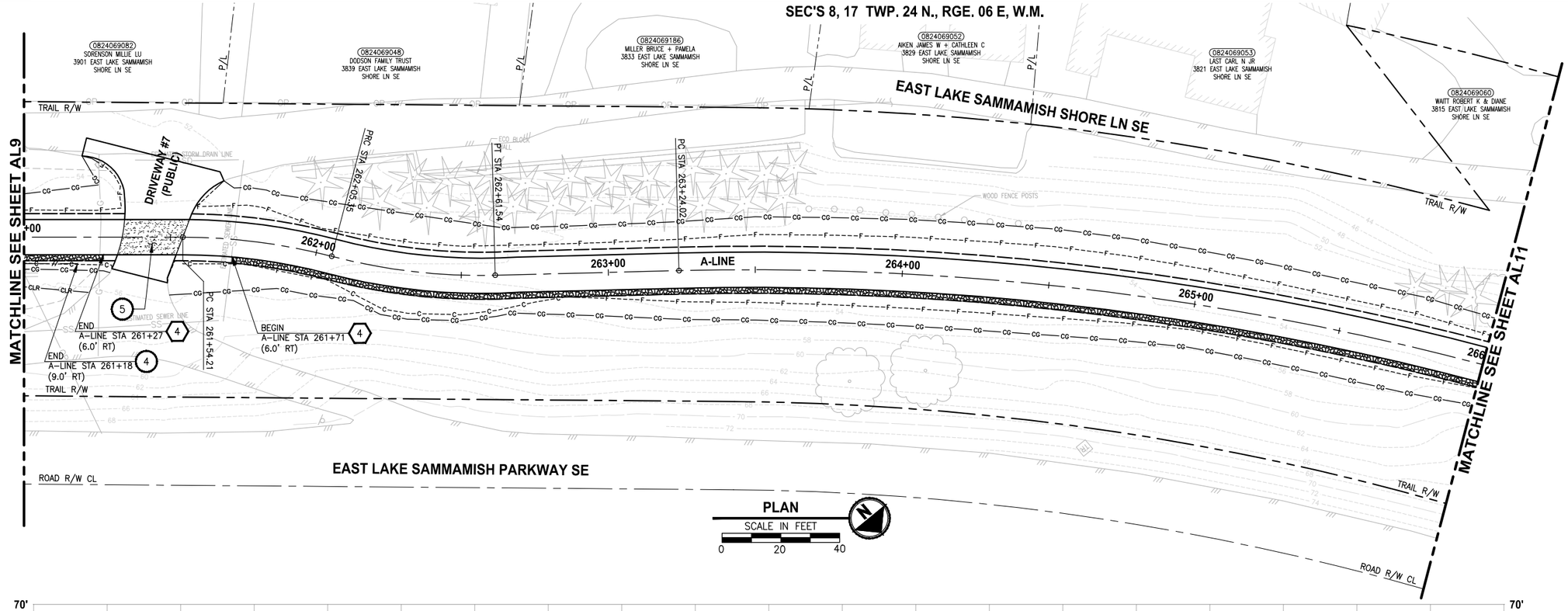
Parametrix
ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

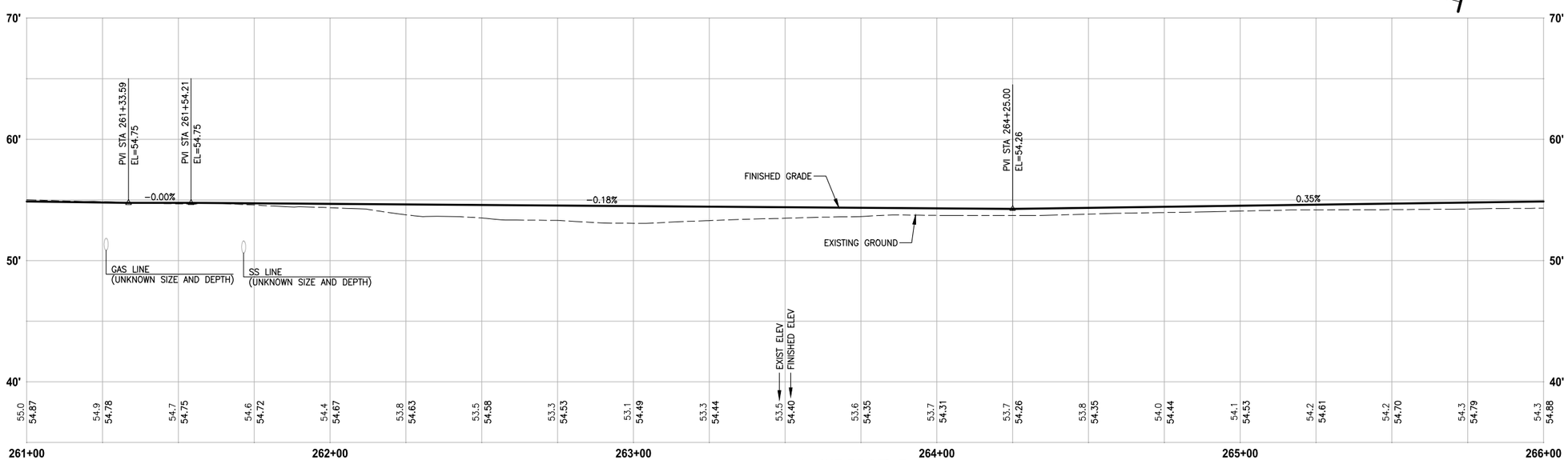
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO. 34 OF 79
AL9

LAYOUT: AL9 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:50:13 PM





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.
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STORMWATER CONSTRUCTION NOTES:

1. CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1. SEE WALL PROFILE ON WP SHEETS FOR WALLS #3, #5 AND #7.
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GENERAL NOTES:

1. SEE DP SHEETS FOR DRIVEWAY PLAN AND PROFILE.
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3. SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03AL-01
JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

PRELIMINARY
YAMMIE Y. HO STATE OF WASHINGTON 40829 REGISTERED PROFESSIONAL ENGINEER

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ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
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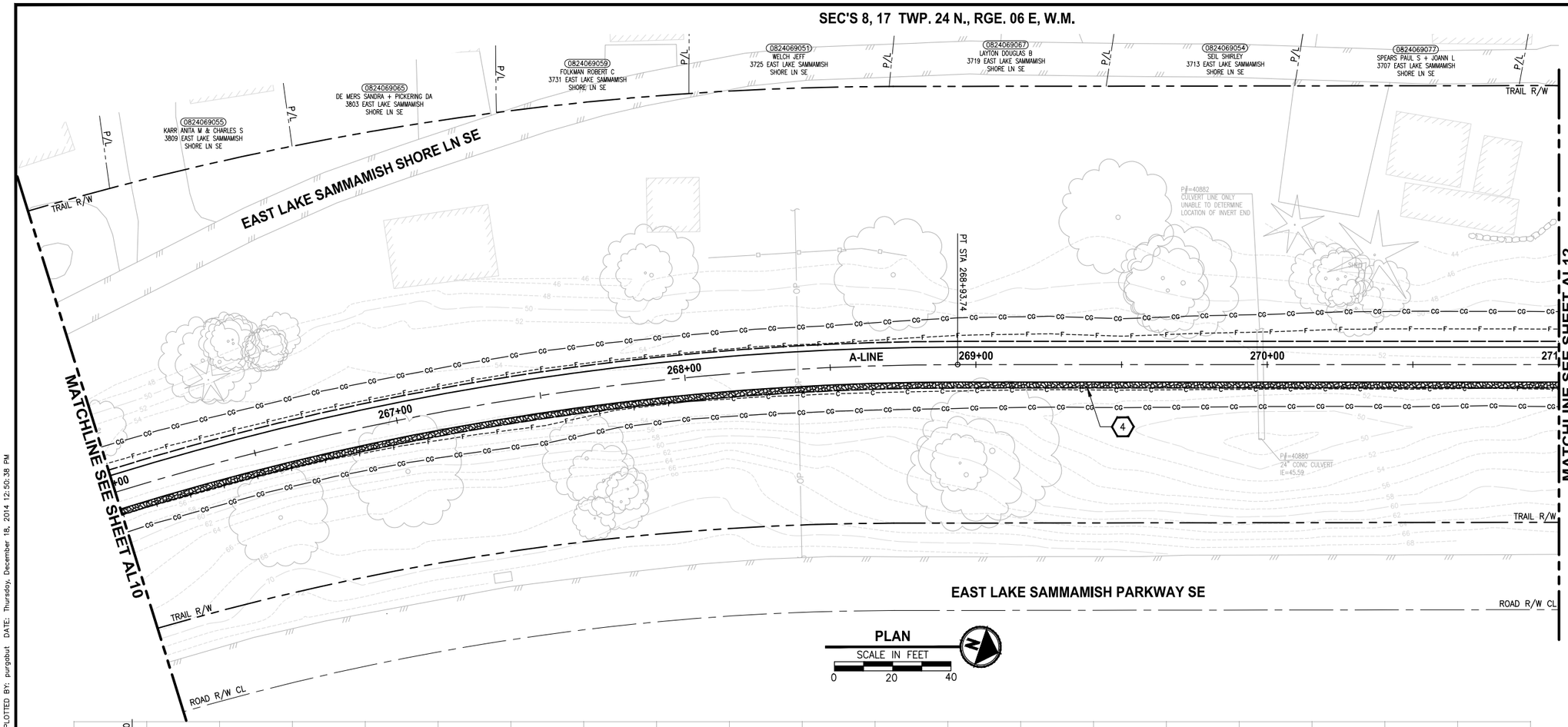
WWW.PARAMETRIX.COM

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

PLAN AND PROFILE

SHEET NO. 35 OF 79
AL10

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:50:26 PM
LAYOUT: AL10



PLAN

SCALE IN FEET

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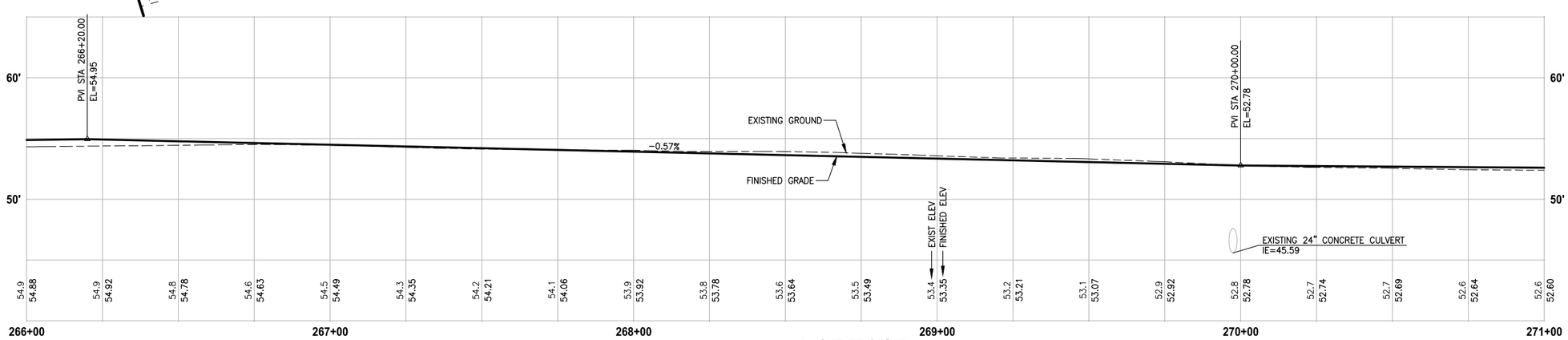

A-LINE PROFILE

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.
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CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

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REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

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PRELIMINARY
YAMMIE Y. HO
STATE OF WASHINGTON
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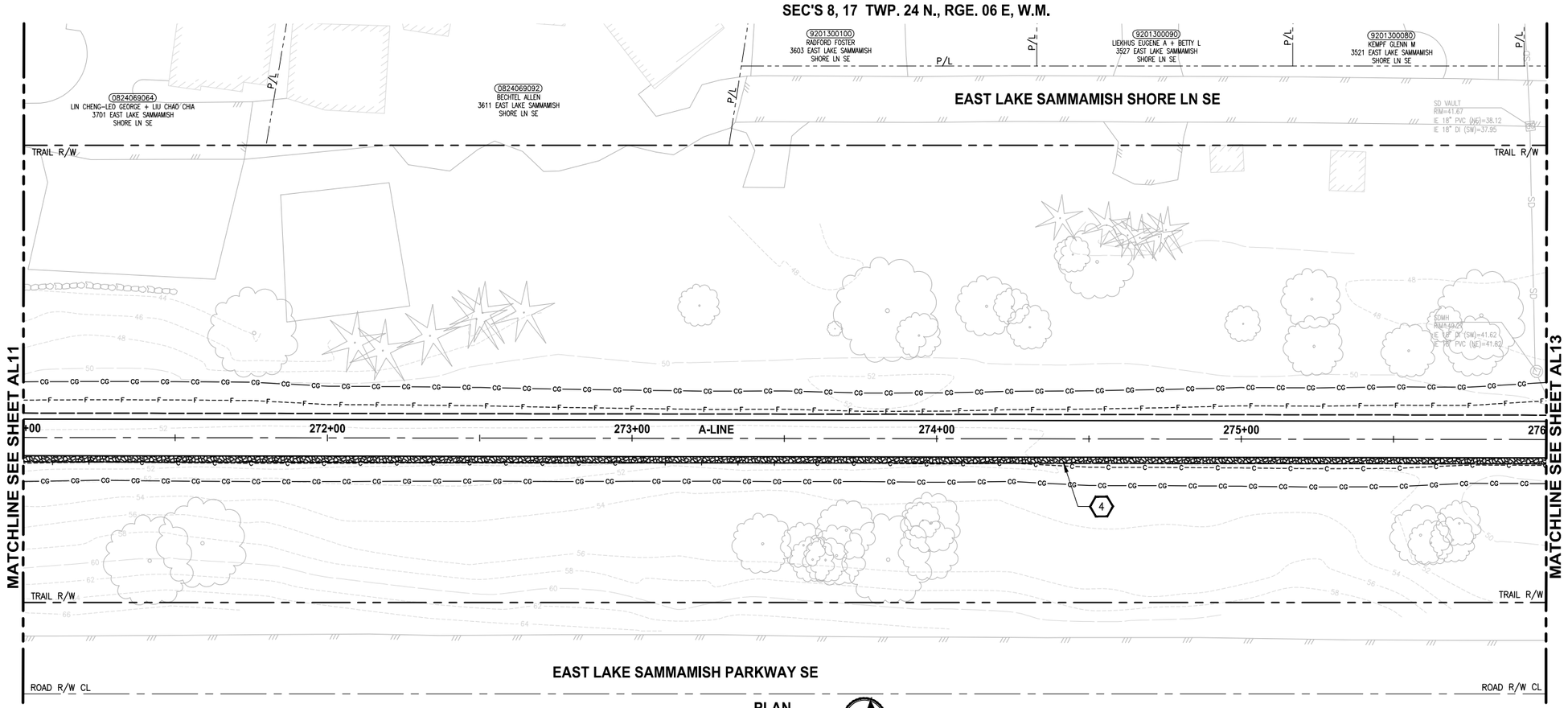
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO. 36 OF 79
AL11

LAYOUT: AL11 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:50:38 PM



PLAN

SCALE IN FEET

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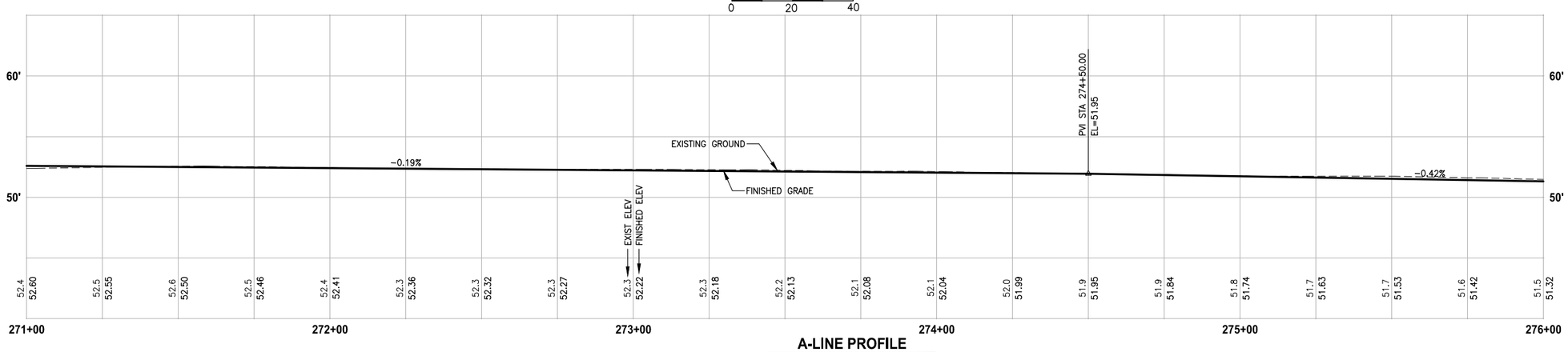

A-LINE PROFILE

HORIZ: 1"=20'
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CIVIL CONSTRUCTION NOTES:

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1. CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1. SEE WALL PROFILE ON WP SHEETS FOR WALLS #3, #5 AND #7.
2. QUARRY SPALL OUTFALL PROTECTION, SEE DETAIL 2 ON SHEET DD1.
3. CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
4. INFILTRATION TRENCH, SEE DETAIL 3 ON SHEET DD1.

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, PIPES AND DITCH.
3. SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

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

PRELIMINARY
YAMMIE Y. HO
STATE OF WASHINGTON
40829
REGISTERED PROFESSIONAL ENGINEER

Parametrix
ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

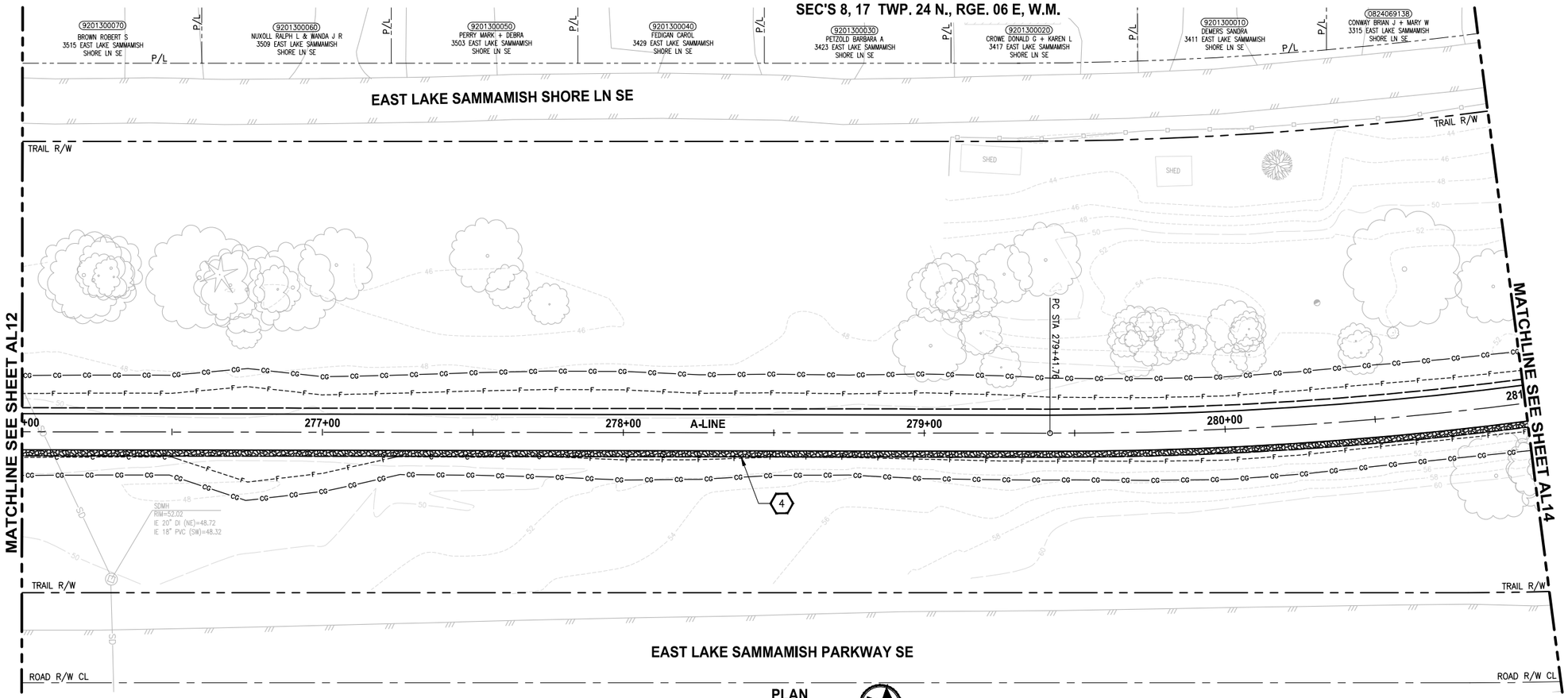
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
37 OF 79

AL12

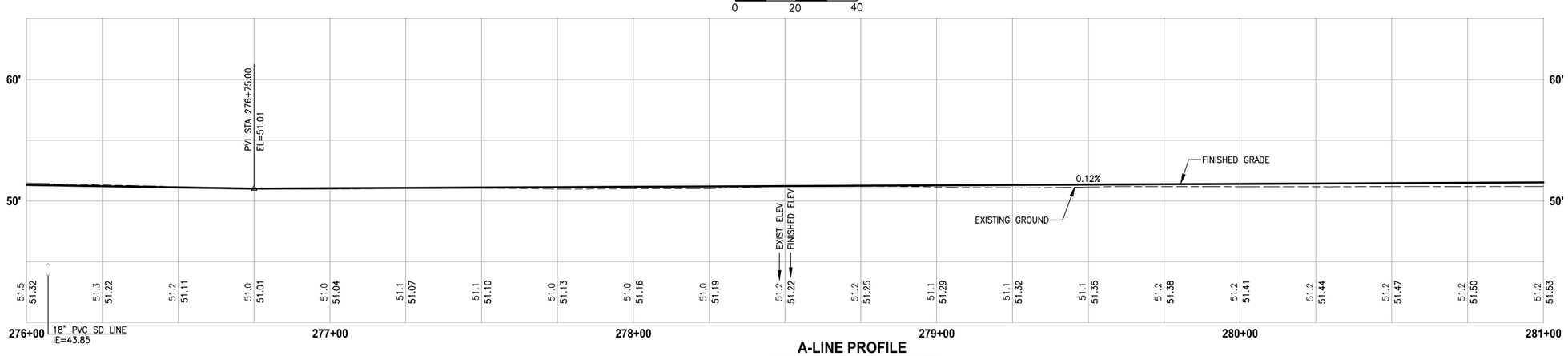
PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\
PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:50:53 PM
LAYOUT: AL12



PLAN

SCALE IN FEET

0 20 40



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 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. CEMENT CONCRETE DRIVEWAY. SEE DP SHEETS.
7. INSTALL PVC SLEEVE 4 IN. DIA FOR GAS LINE.
8. WALL DRAIN OUTFALL LOCATION. SEE SHEET WD1.
9. CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER WSDOT STD PLAN F-10.12-03.
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 SOLDIER PILE WALL. SEE DETAILS ON SHEET S1. SEE WALL PROFILE ON SHEET WP1.
13. ADJUST WATER LINES. ELEVATIONS TO BE DETERMINED AFTER POTHOLING.

STORMWATER CONSTRUCTION NOTES:

1. CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1. SEE WALL PROFILE ON WP SHEETS FOR WALLS #3, #5 AND #7.
2. QUARRY SPALL OUTFALL PROTECTION, SEE DETAIL 2 ON SHEET DD1.
3. CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
4. INFILTRATION TRENCH, SEE DETAIL 3 ON SHEET DD1.

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, PIPES AND DITCH.
3. SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03AL-01
JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

PRELIMINARY
YAMMIE Y. HO
STATE OF WASHINGTON
40829
REGISTERED PROFESSIONAL ENGINEER

Parametrix
ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

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

PLAN AND PROFILE

SHEET NO. 38 OF 79
AL13

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:51:06 PM
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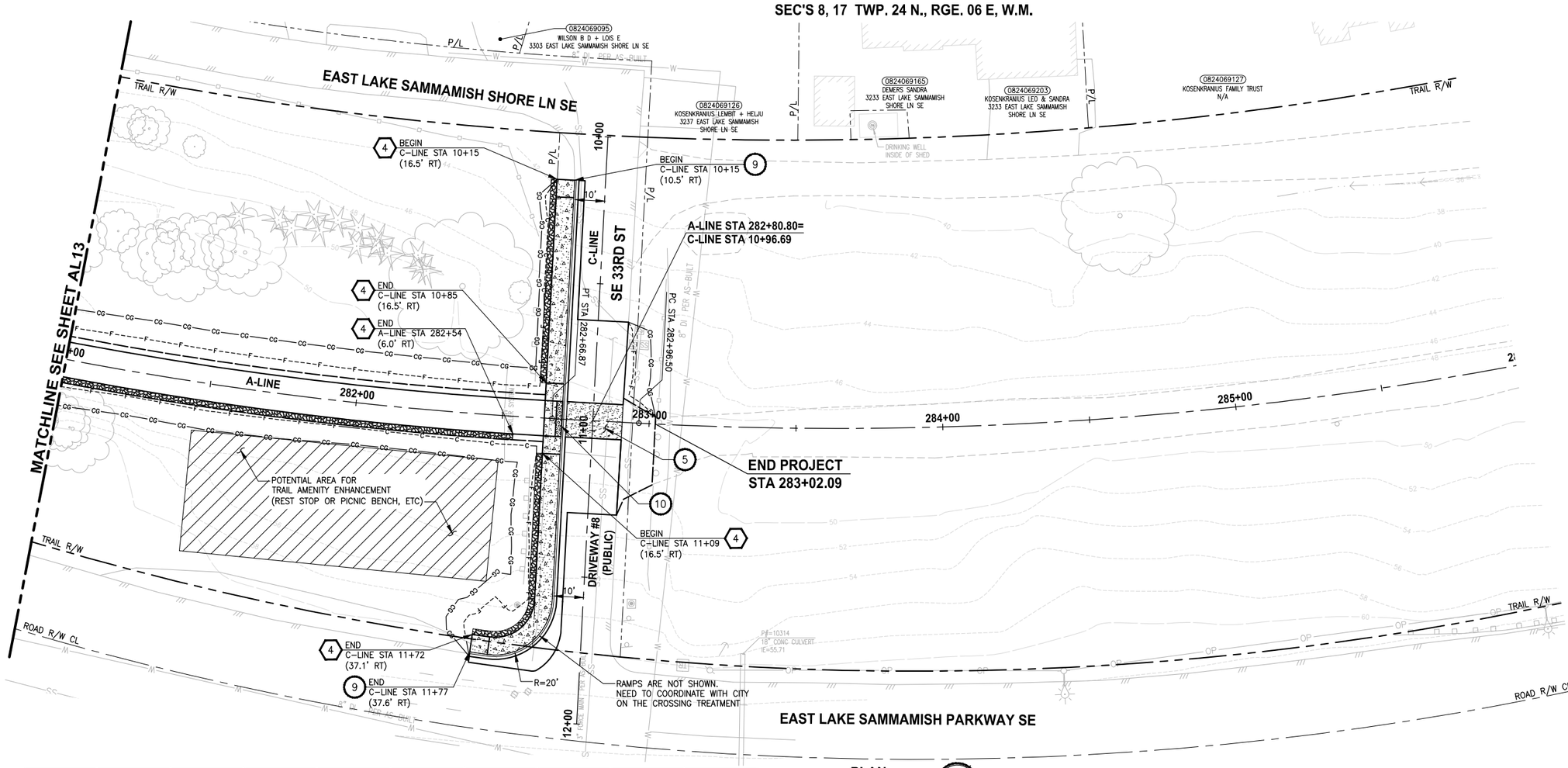


CIVIL CONSTRUCTION NOTES:

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 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. CEMENT CONCRETE DRIVEWAY. SEE DP SHEETS.
7. INSTALL PVC SLEEVE 4 IN. DIA FOR GAS LINE.
8. WALL DRAIN OUTFALL LOCATION. SEE SHEET WD1.
9. CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER WSDOT STD PLAN F-10.12-03.
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 SOLDIER PILE WALL. SEE DETAILS ON SHEET S1. SEE WALL PROFILE ON SHEET WP1.
13. ADJUST WATER LINES. ELEVATIONS TO BE DETERMINED AFTER POTHOLING.

STORMWATER CONSTRUCTION NOTES:

1. CONCRETE HEADWALL, SEE DETAIL 1 ON SHEET DD1. SEE WALL PROFILE ON WP SHEETS FOR WALLS #3, #5 AND #7.
2. QUARRY SPALL OUTFALL PROTECTION, SEE DETAIL 2 ON SHEET DD1.
3. CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
4. INFILTRATION TRENCH, SEE DETAIL 3 ON SHEET DD1.

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, PIPES AND DITCH.

LEGEND:

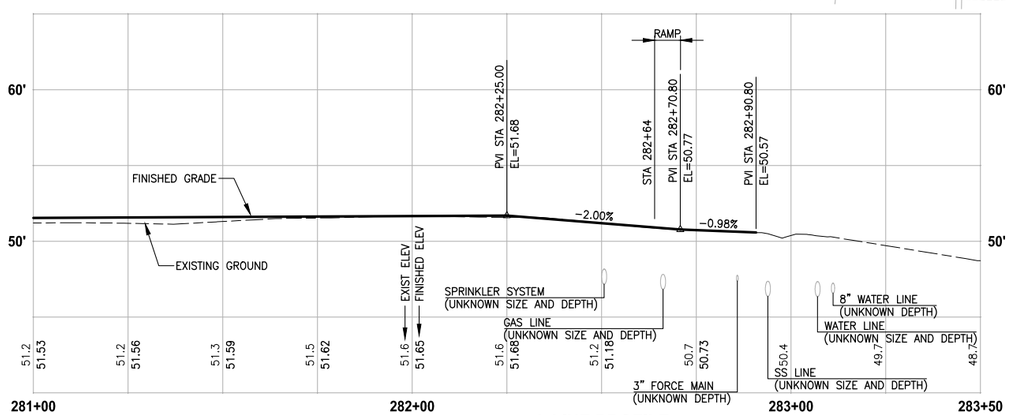
SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.

CEMENT CONCRETE SIDEWALK

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

PLAN

SCALE IN FEET 0 20 40



A-LINE PROFILE

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

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME BL15210 75P20T03AL-01
JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

PRELIMINARY
YAMMIE Y. HO STATE OF WASHINGTON 40820 REGISTERED PROFESSIONAL ENGINEER

Parametrix
ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

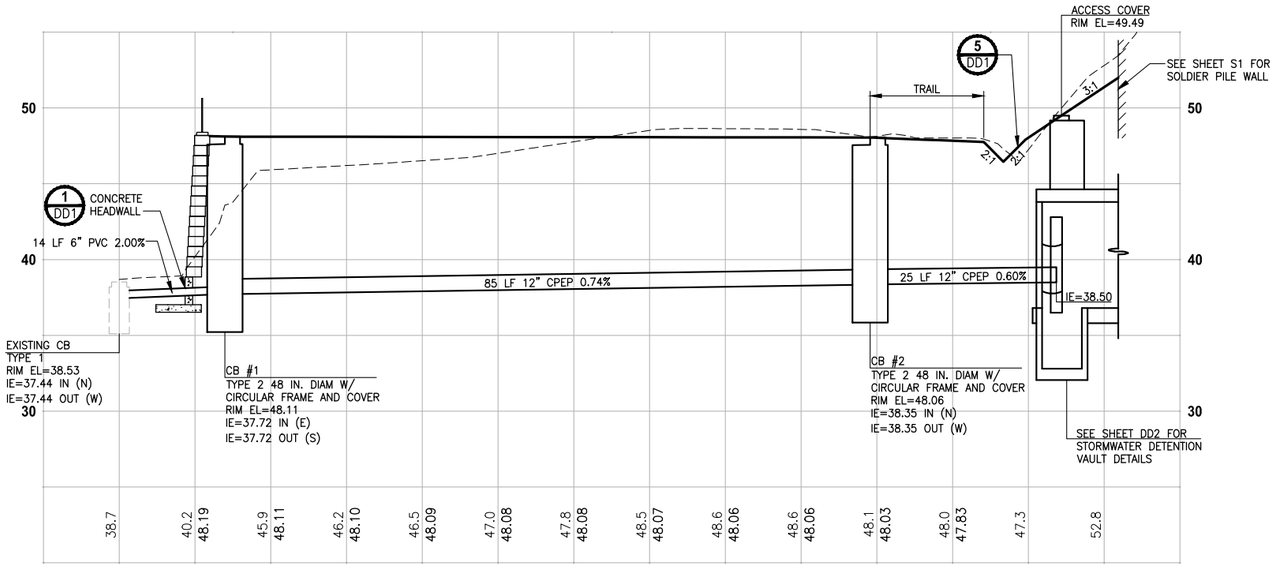
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO. 39 OF 79

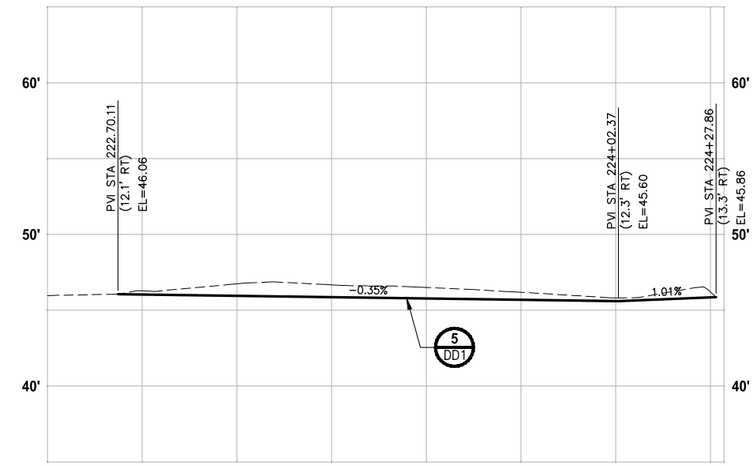
AL14

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:51:23 PM LAYOUT: AL14



VAULT OUTFALL PROFILE STA 224+00

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

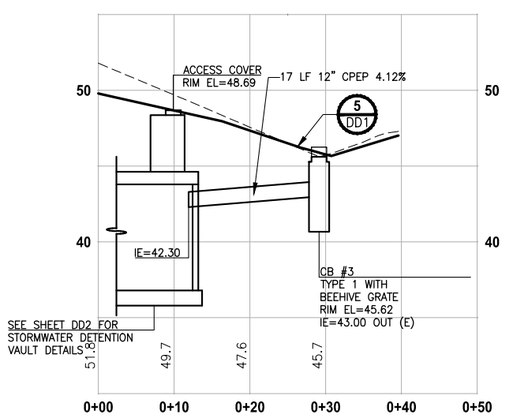


JURISDICTIONAL DITCH #9 PROFILE

HORIZ: 1"=20'
VERT: 1"=10'

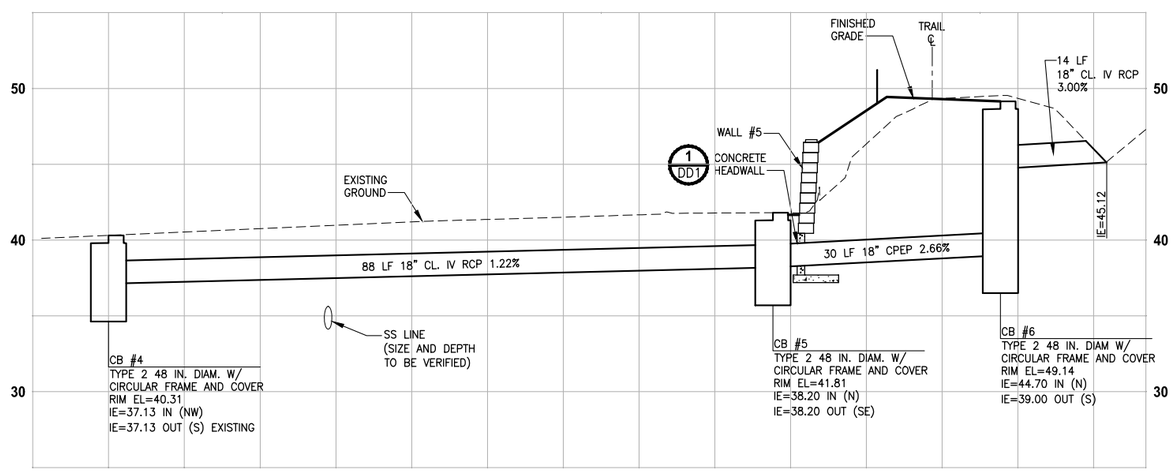
GENERAL NOTES:

1. CULVERTS SHALL HAVE BEVELED END SECTIONS PER 2007 KC ROAD STANDARD DETAIL FIG. 7-001.
2. CATCH BASIN TYPE 2 SHALL BE PER 2007 KC ROAD STANDARD DETAILS FIG. 7-005 AND FIG. 7-006.
3. CL IV RCP = CLASS IV REINFORCED CONCRETE STORM SEWER PIPE.
4. CIRCULAR FRAME (RING) AND COVER SHALL BE PER 2007 KC ROAD STANDARD DETAIL FIG. 7-022.
5. STRUCTURE OFFSETS ARE MEASURED TO CENTER OF SOLID COVER.
6. CPEP = CORRUGATED POLYETHYLENE PIPE, DOUBLE WALLED.
7. PVC = POLY VINYL CHLORIDE PIPE.
8. BEEHIVE GRATE SHALL BE PER DETAIL PROVIDED IN SPECIAL PROVISIONS.



VAULT INLET PROFILE STA 224+00

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



B-LINE PROFILE

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

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED C. BUITRAGO
DRAWN B. PURGANAN
CHECKED R. CUSHMAN
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03SD-01
JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

PRELIMINARY
CRAIG A. BUITRAGO
STATE OF WASHINGTON
49427
REGISTERED PROFESSIONAL ENGINEER

Parametrix
ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

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

STORM DRAINAGE PROFILES AND SECTIONS

SHEET NO. 40 OF 79
SD1

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:52:04 PM
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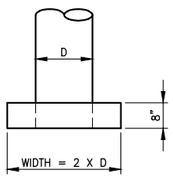
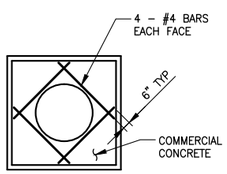


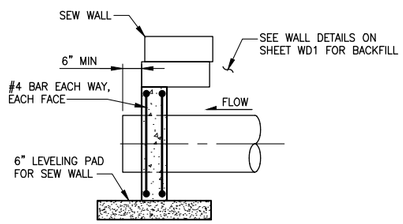
PLAN

NOTES:

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

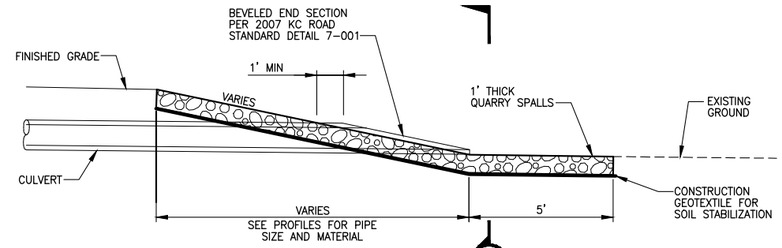


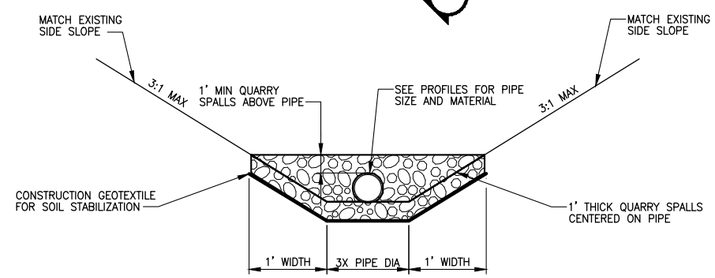
ELEVATION



SECTION A

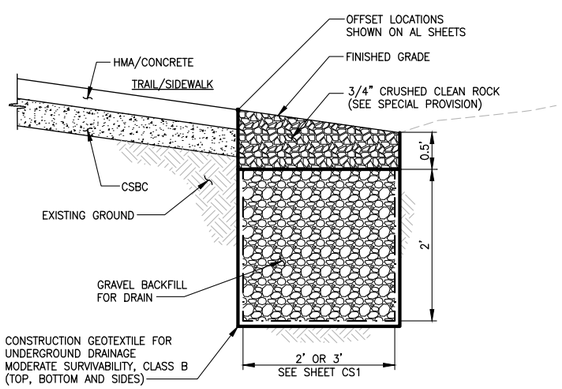
CONCRETE HEADWALL FOR STRUCTURAL EARTH WALL
DETAIL 1
NO SCALE



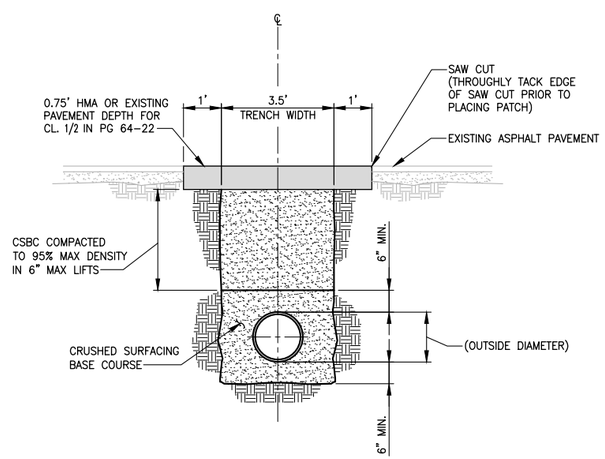


SECTION A

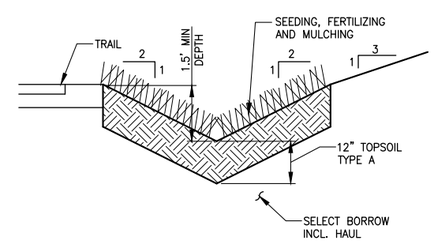
QUARRY SPALL OUTFALL PROTECTION
DETAIL 2
NO SCALE



INFILTRATION TRENCH
DETAIL 3
NO SCALE



(ROADWAY REPAIR)
TRENCH DETAIL 4
NO SCALE



JURISDICTIONAL DITCH #9
DETAIL 5
NO SCALE

GENERAL NOTE:

1. PROTECT INFILTRATION TRENCHES FROM SEDIMENTATION DURING CONSTRUCTION.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

DESIGNED C. BUITRAGO
DRAWN B. PURGANAN
CHECKED R. CUSHMAN
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03DD-01
JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

PRELIMINARY
CRAIG A. BUITRAGO STATE OF WASHINGTON 49427 REGISTERED PROFESSIONAL ENGINEER

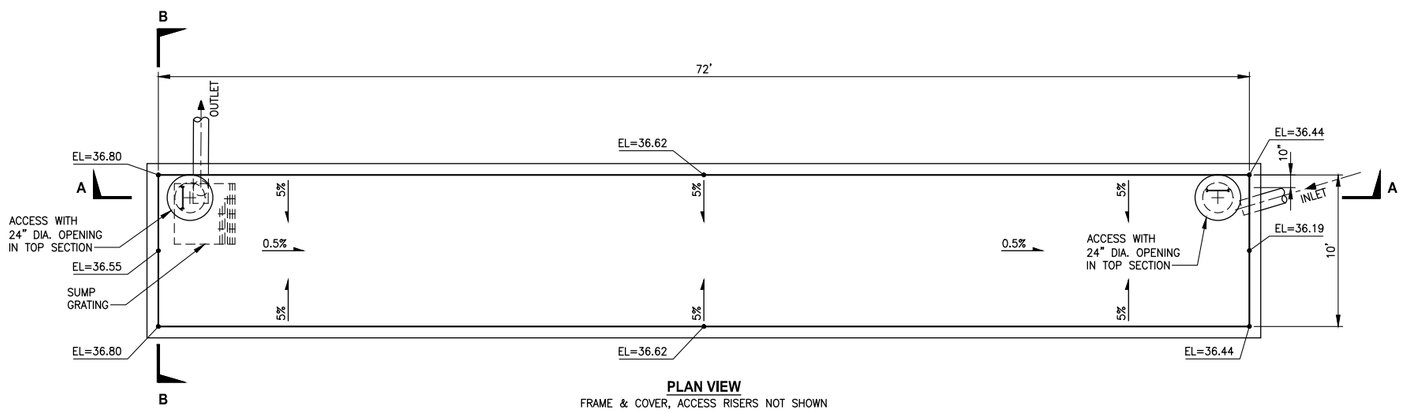
Parametrix
ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

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

DRAINAGE DETAILS

SHEET NO. 41 OF 79
DD1

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:52:14 PM
LAYOUT: DD1



PLAN VIEW

FRAME & COVER, ACCESS RISERS NOT SHOWN

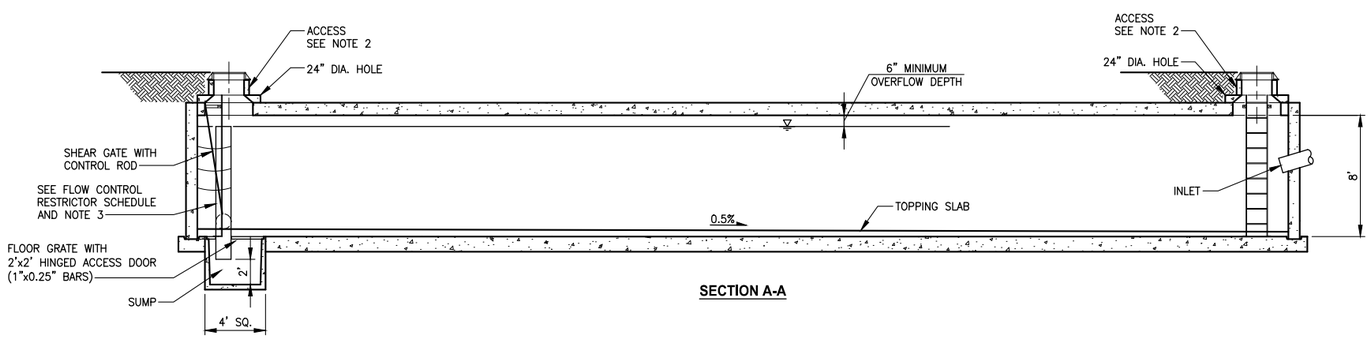
NOTES:

1. ALL METAL PARTS MUST BE CORROSION RESISTANT. STEEL PARTS MUST BE GALVANIZED AND ASPHALT COATED (TREATMENT 1 OR BETTER).
2. ACCESS RISER STRUCTURES SHALL BE PER 2007 KC ROADS STANDARD DETAIL FIG. 7-005. ACCESS COVERS SHALL BE SOLID LOCKING COVERS PER KC ROADS STANDARD DETAIL FIGS. 7-022 AND 7-023.
3. FLOW CONTROL RESTRICTOR, PIPE SUPPORTS AND SHEAR GATE WITH CONTROL ROD FOR CLEANOUT SHALL BE PER KC ROADS STANDARD DETAIL FIGS. 7-025 AND 7-026.

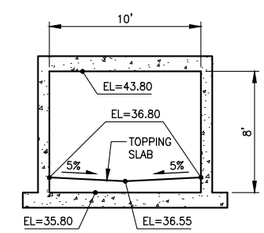
FLOW CONTROL RESTRICTOR SCHEDULE

RISER PIPE		
DIAMETER (IN)	IE (FT)	TOP ELEVATION (FT)
18	38.50'	42.82

ORIFICES		
TYPE	ELEVATION (FT)	DIMENSIONS (IN)
CIRCLE	36.50	1.5 DIA
NOTCH (RECTANGLE)	39.17	0.25L x 43.78H



SECTION A-A



SECTION B-B

PRECAST CONCRETE VAULT

DETAIL 1

NO SCALE

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

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NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED C. BUITRAGO
DRAWN B. PURGANAN
CHECKED R. CUSHMAN
APPROVED

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JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

PRELIMINARY

CRAIG A. BUITRAGO STATE OF WASHINGTON 49427 REGISTERED PROFESSIONAL ENGINEER

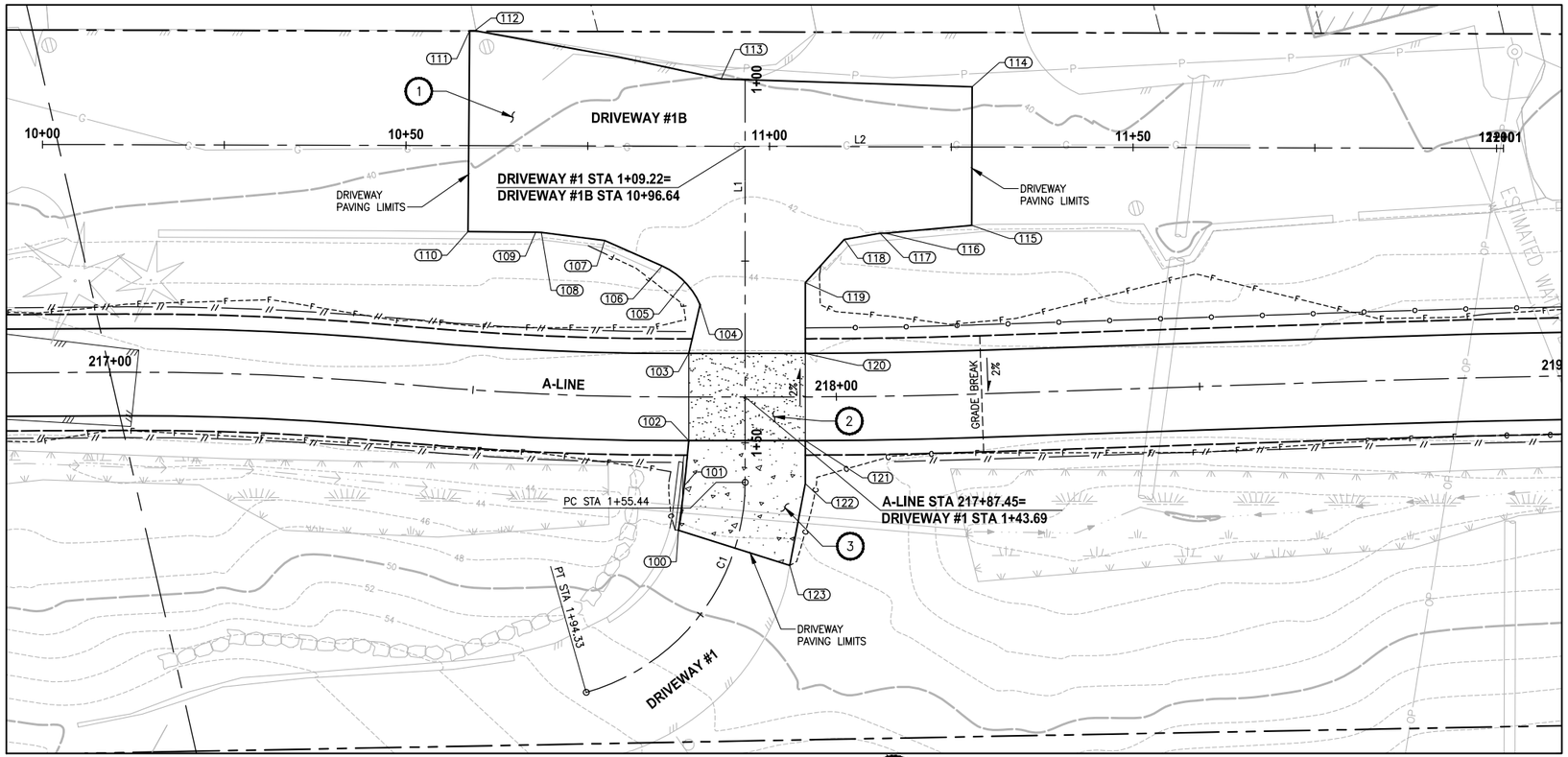
Parametrix
ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

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

DRAINAGE DETAILS

LAYOUT: DD2 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995ves\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:52:19 PM

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



PLAN

SCALE IN FEET

0 10 20

CONSTRUCTION NOTES:

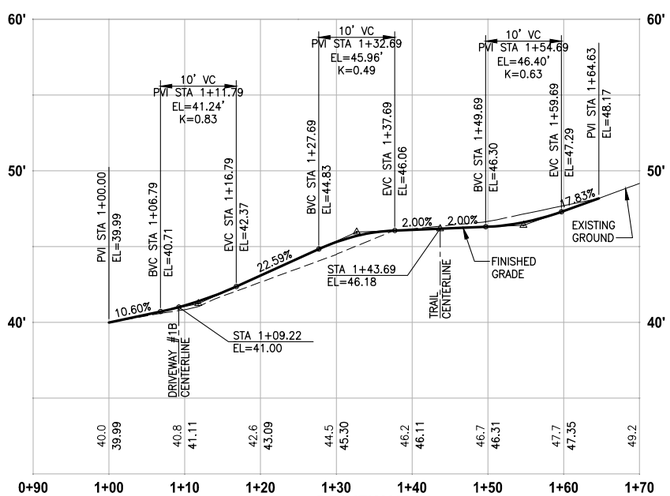
1. HMA DRIVEWAY PAVEMENT SECTION SHALL BE 4" HMA CL. 1/2 PG 64-22 OVER 8" CRUSHED SURFACING BASE COURSE.
2. PATTERNED CONCRETE DRIVEWAY SEE 1/MD2
3. CEMENT CONCRETE PAVEMENT SECTION SHALL BE 6" CONCRETE CLASS 4000 OVER 4" CRUSHED SURFACING BASE COURSE.

LEGEND:

- PATTERNED CONCRETE DRIVEWAY
- HMA
- CEMENT CONCRETE PAVEMENT

DRIVEWAY #1 POINT TABLE

POINT #	ALIGNMENT	STATION	OFFSET	ELEVATION	DESCRIPTION
100	DRIVEWAY #1	1+64.63	8.13' RT	48.19'	ME-CONC
101	DRIVEWAY #1	1+56.04	8.35' RT	46.71'	CURVE MIDPOINT
102	DRIVEWAY #1	1+49.69	7.74' RT	46.30'	CONC-CONC
103	DRIVEWAY #1	1+37.69	7.75' RT	46.06'	CONC-HMA
104	DRIVEWAY #1	1+30.99	6.19' RT	45.50'	CURVE PT
105	DRIVEWAY #1	1+27.85	8.30' RT	44.90'	CURVE MIDPOINT
106	DRIVEWAY #1	1+25.66	11.41' RT	44.21'	CURVE PC
107	DRIVEWAY #1B	10+77.38	13.00' RT	42.63'	AP
108	DRIVEWAY #1B	10+68.64	11.91' RT	41.01'	AP
109	DRIVEWAY #1B	10+67.87	11.88' RT	40.97'	AP
110	DRIVEWAY #1B	10+58.57	11.83' RT	40.42'	ME-HMA
111	DRIVEWAY #1B	10+58.71	15.81' LT	39.30'	ME-HMA
112	DRIVEWAY #1B	10+59.43	15.86' LT	39.30'	ME-AP
113	DRIVEWAY #1B	10+93.39	9.33' LT	40.05'	ME-AP
114	DRIVEWAY #1B	11+27.93	8.33' LT	39.65'	ME-HMA
115	DRIVEWAY #1B	11+27.85	10.78' RT	41.34'	ME-HMA
116	DRIVEWAY #1B	11+16.00	11.91' RT	42.96'	AP
117	DRIVEWAY #1B	11+15.22	11.89' RT	43.07'	AP
118	DRIVEWAY #1	1+22.01	13.64' LT	43.75'	AP
119	DRIVEWAY #1	1+27.96	8.28' LT	44.86'	AP
120	DRIVEWAY #1	1+37.68	8.28' LT	46.06'	CONC-HMA
121	DRIVEWAY #1	1+49.68	8.29' LT	46.30'	CONC-CONC
122	DRIVEWAY #1	1+55.58	8.29' LT	46.73'	AP
123	DRIVEWAY #1	1+64.63	7.92' LT	48.39'	ME-CONC



DRIVEWAY #1

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

DRIVEWAY #1 LINE TABLE

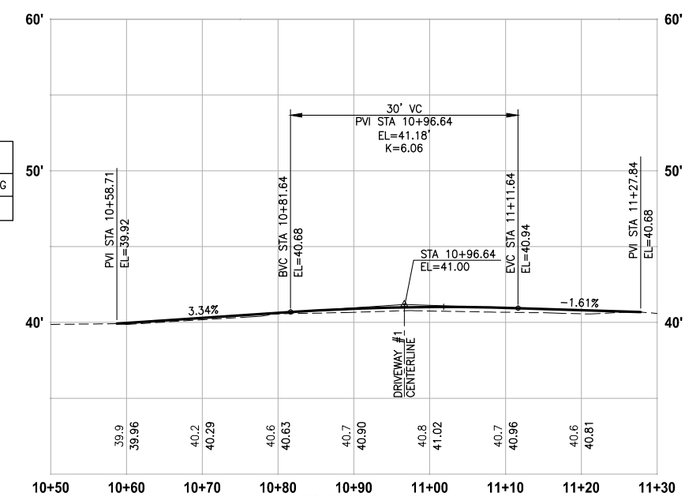
LINE	LENGTH	BEARING	BEGIN EASTING	BEGIN NORTHING	END EASTING	END NORTHING
L1	55.44	N14° 43' 30"E	1338166.03	209654.64	1338180.12	209708.26

DRIVEWAY #1 CURVE TABLE

CURVE	LENGTH	RADIUS	DELTA	BEGIN EASTING	BEGIN NORTHING	END EASTING	END NORTHING
C1	38.89	30.00	74°16'24" RT	1338180.12	209708.26	1338208.61	209730.63

DRIVEWAY #1B LINE TABLE

LINE	LENGTH	BEARING	BEGIN EASTING	BEGIN NORTHING	END EASTING	END NORTHING
L2	200.96	N75° 07' 20"W	1338261.78	209638.74	1338067.55	209690.34



DRIVEWAY #1B

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

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

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

PRELIMINARY — YAMMIE Y. HO, STATE OF WASHINGTON, 40829, REGISTERED PROFESSIONAL ENGINEER

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

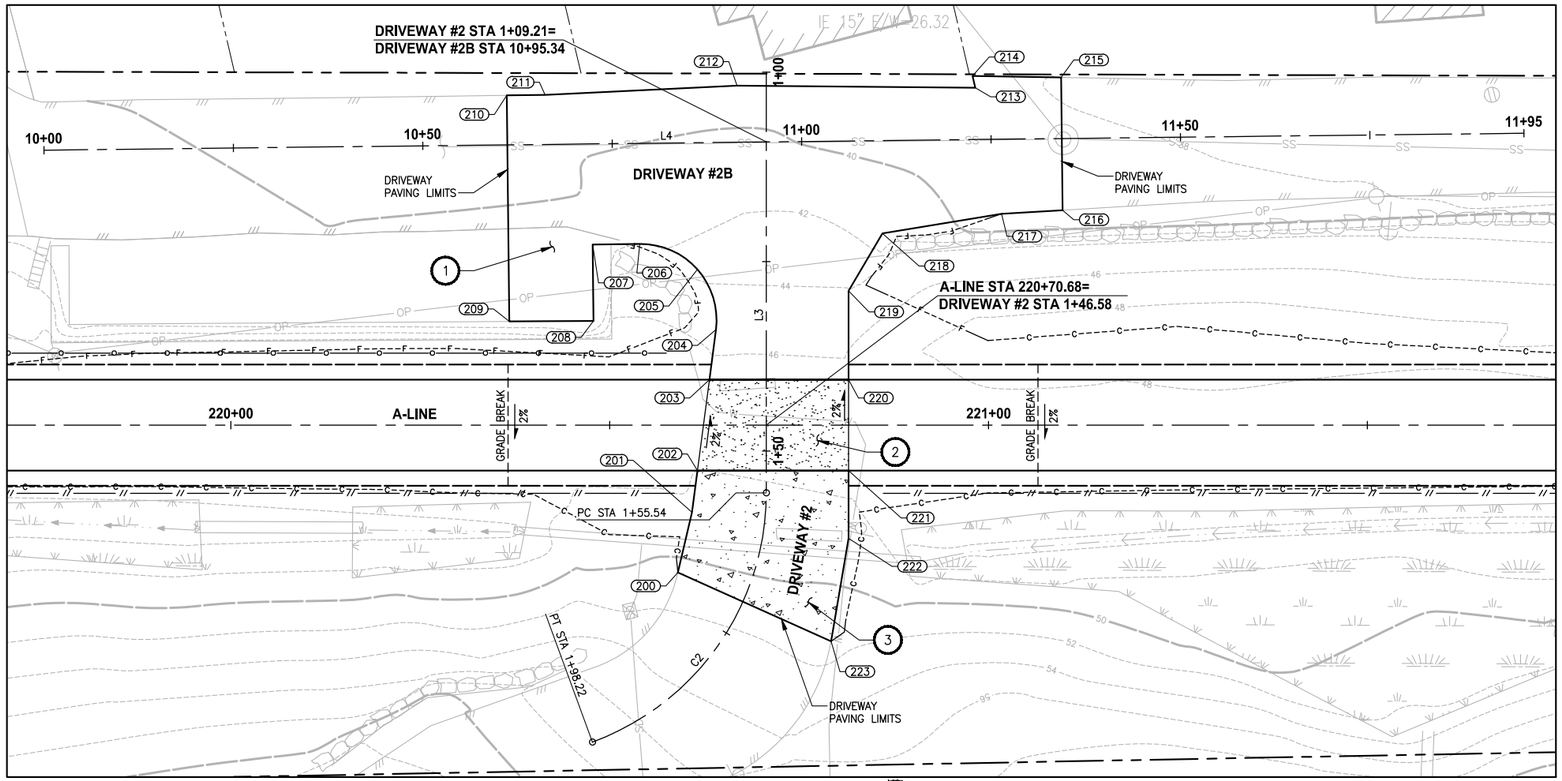
DRIVEWAY PLAN AND PROFILE

SHEET NO. 43 OF 79

DP1

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\
PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:53:09 PM
LAYOUT: DP1

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



PLAN

SCALE IN FEET

0 10 20

CONSTRUCTION NOTES:

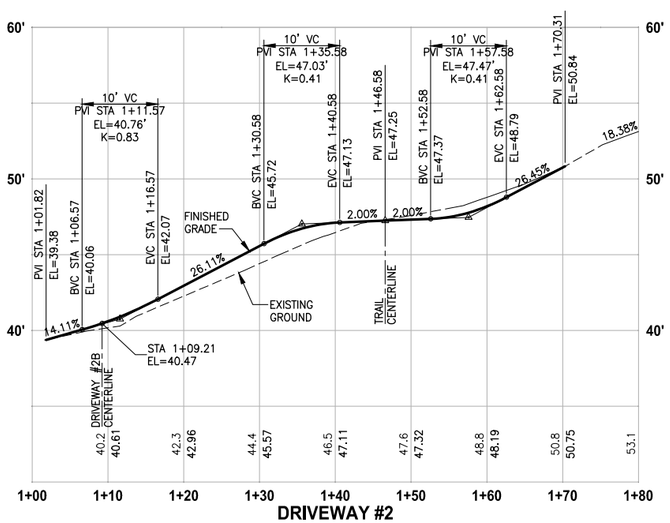
1. HMA DRIVEWAY PAVEMENT SECTION SHALL BE 4" HMA CL. 1/2 PG 64-22 OVER 8" CRUSHED SURFACING BASE COURSE.
2. PATTERNED CONCRETE DRIVEWAY SEE 1/MD2
3. CEMENT CONCRETE PAVEMENT SECTION SHALL BE 6" CONCRETE CLASS 4000 OVER 4" CRUSHED SURFACING BASE COURSE.

LEGEND:

- PATTERNED CONCRETE DRIVEWAY
- HMA
- CEMENT CONCRETE PAVEMENT

DRIVEWAY #2 POINT TABLE

POINT #	ALIGNMENT	STATION	OFFSET	ELEVATION	DESCRIPTION
200	DRIVEWAY #2	1+70.31	9.42' RT	50.45'	ME-CONC
201	DRIVEWAY #2	1+59.04	9.68' RT	47.87'	AP
202	DRIVEWAY #2	1+52.58	9.09' RT	47.37'	CONC-CONC
203	DRIVEWAY #2	1+40.58	7.52' RT	47.13'	CONC-HMA
204	DRIVEWAY #2	1+33.97	6.65' RT	46.51'	CURVE PT
205	DRIVEWAY #2	1+26.04	9.09' RT	44.34'	CURVE MIDPOINT
206	DRIVEWAY #2B	10+78.51	13.27' RT	42.38'	CURVE PC
207	DRIVEWAY #2B	10+72.28	13.27' RT	41.32'	AP
208	DRIVEWAY #2B	10+72.26	23.25' RT	42.22'	AP
209	DRIVEWAY #2B	10+61.17	23.30' RT	40.30'	ME-HMA
210	DRIVEWAY #2B	10+61.17	6.54' LT	39.16'	ME-HMA
211	DRIVEWAY #2B	10+66.22	6.55' LT	39.19'	ME-AP
212	DRIVEWAY #2B	10+91.57	7.47' LT	39.56'	ME-AP
213	DRIVEWAY #2B	11+22.99	6.84' LT	38.12'	ME-AP
214	DRIVEWAY #2B	11+22.67	8.39' LT	38.14	ME-AP
215	DRIVEWAY #2B	11+34.34	8.05' LT	37.98	ME-HMA
216	DRIVEWAY #2B	11+34.34	9.45' RT	38.97'	ME-HMA
217	DRIVEWAY #2B	11+26.30	9.84' RT	39.52'	AP
218	DRIVEWAY #2	1+21.29	15.32' LT	43.25'	AP
219	DRIVEWAY #2	1+28.85	10.87' LT	45.31'	AP
220	DRIVEWAY #2	1+40.58	10.87' LT	47.13'	CONC-HMA
221	DRIVEWAY #2	1+52.58	10.87' LT	47.37'	CONC-CONC
222	DRIVEWAY #2	1+60.09	11.26' LT	48.39'	AP
223	DRIVEWAY #2	1+70.31	12.74' LT	51.34'	ME-CONC



DRIVEWAY #2

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

DRIVEWAY #2 LINE TABLE

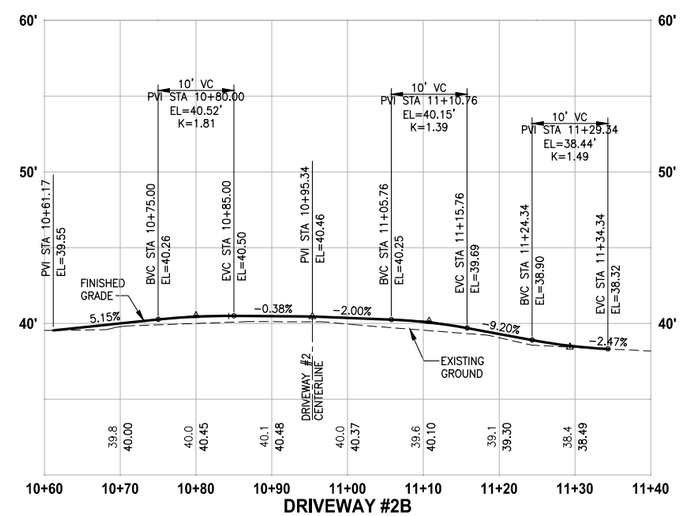
LINE	LENGTH	BEARING	BEGIN EASTING	BEGIN NORTHING	END EASTING	END NORTHING
L3	55.54	N14° 43' 30"E	1337890.63	209720.83	1337904.74	209774.54

DRIVEWAY #2 CURVE TABLE

CURVE	LENGTH	RADIUS	DELTA	BEGIN EASTING	BEGIN NORTHING	END EASTING	END NORTHING
C2	42.68	35.00	69°52'22" RT	1337904.74	209774.54	1337935.30	209800.49

DRIVEWAY #2B LINE TABLE

LINE	LENGTH	BEARING	BEGIN EASTING	BEGIN NORTHING	END EASTING	END NORTHING
L4	195.34	N75° 55' 45"W	1337985.45	209706.56	1337795.97	209754.05



DRIVEWAY #2B

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

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

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

PRELIMINARY — YAMMIE Y. HO — STATE OF WASHINGTON — 40829 — REGISTERED PROFESSIONAL ENGINEER

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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 79

DP2

LAYOUT: DP2 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:53:27 PM

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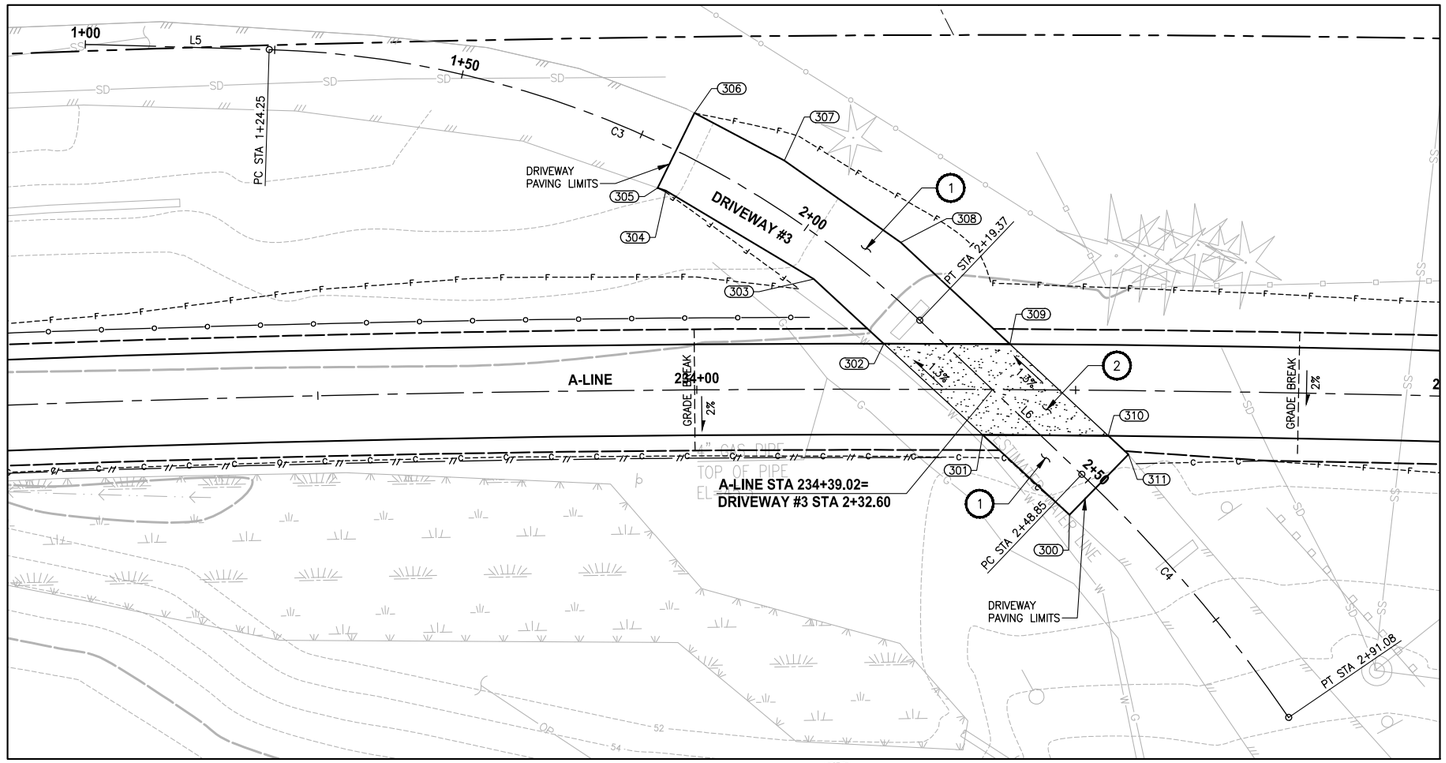

PLAN

SCALE IN FEET

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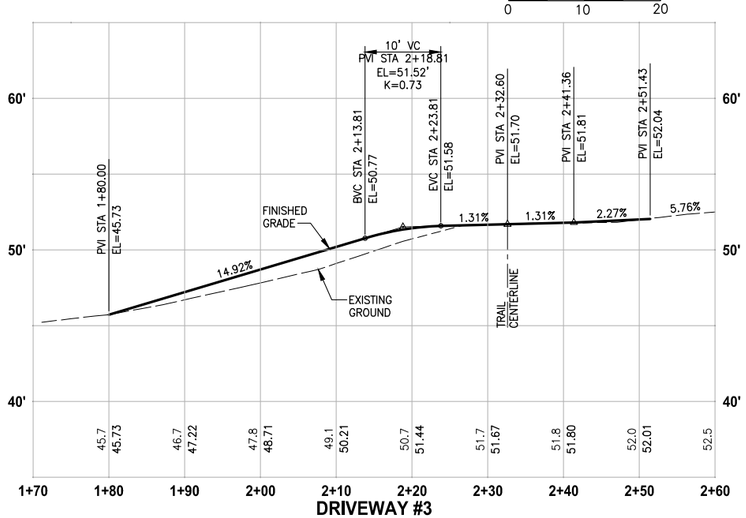

DRIVEWAY #3

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

CONSTRUCTION NOTES:

1. HMA DRIVEWAY PAVEMENT SECTION SHALL BE 4" HMA CL. 1/2 PG 64-22 OVER 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
- HMA
- CEMENT CONCRETE PAVEMENT

DRIVEWAY #3 POINT TABLE

POINT #	ALIGNMENT	STATION	OFFSET	ELEVATION	DESCRIPTION
300	DRIVEWAY #3	2+51.43	4.97' RT	52.21'	ME-ASPH
301	DRIVEWAY #3	2+35.79	5.24' RT	51.81'	HMA-CONC
302	DRIVEWAY #3	2+18.00	5.49' RT	51.58'	HMA-CONC
303	DRIVEWAY #3	2+04.91	4.90' RT	50.30'	AP
304	DRIVEWAY #3	1+81.20	5.35' RT	46.00'	AP
305	DRIVEWAY #3	1+80.00	5.50' RT	45.78'	ME-ASPH
306	DRIVEWAY #3	1+80.00	5.50' LT	45.74'	ME-ASPH
307	DRIVEWAY #3	1+92.87	5.78' LT	47.35'	AP
308	DRIVEWAY #3	2+10.84	6.01' LT	49.61'	AP
309	DRIVEWAY #3	2+30.14	5.93' LT	51.58'	HMA-CONC
310	DRIVEWAY #3	2+47.89	6.12' LT	51.81'	HMA-CONC
311	DRIVEWAY #3	2+51.43	6.17' LT	51.89'	ME-ASPH

DRIVEWAY #3 LINE TABLE

LINE	LENGTH	BEARING	BEGIN EASTING	BEGIN NORTHING	END EASTING	END NORTHING
L5	24.25	N59° 53' 16"W	1336702.52	210132.26	1336681.54	210144.43
L6	29.48	N17° 57' 58"W	1336623.10	210216.79	1336614.01	210244.83

DRIVEWAY #3 CURVE TABLE

CURVE	LENGTH	RADIUS	DELTA	BEGIN EASTING	BEGIN NORTHING	END EASTING	END NORTHING
C3	95.12	130.00	41°55'18" RT	1336681.54	210144.43	1336623.10	210216.79
C4	42.23	200.00	12°05'50" RT	1336614.01	210244.83	1336605.30	210286.07

CITY OF SAMMAMISH APPROVAL

City Engineer — Date

Community Development — Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME BL1521075P20T03DP-01
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PRELIMINARY — YAMMIE Y. HO — STATE OF WASHINGTON — 40829 — REGISTERED PROFESSIONAL ENGINEER

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

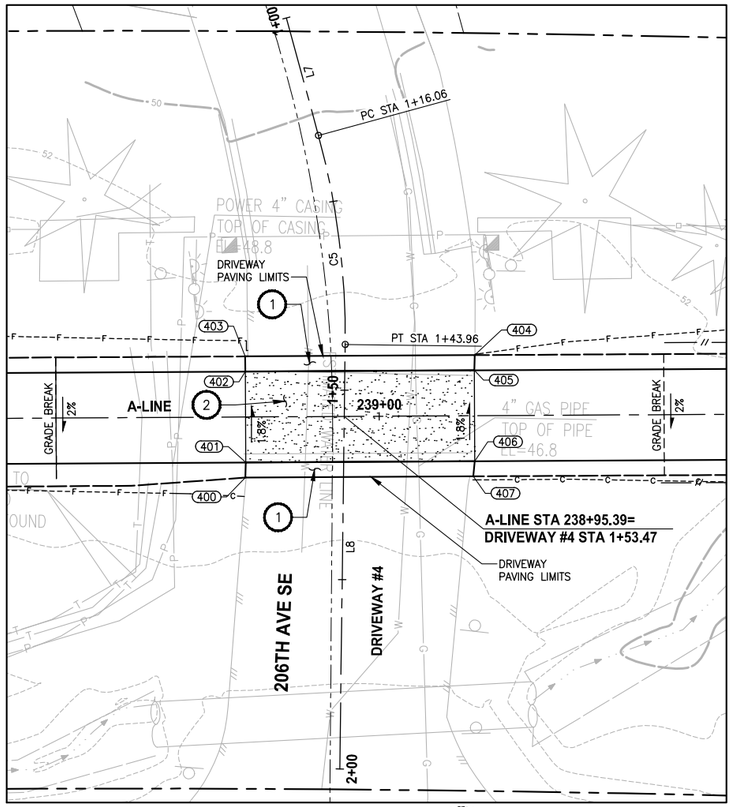
DRIVEWAY PLAN AND PROFILE

SHEET NO. 45 OF 79

DP3

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:53:42 PM
LAYOUT: DP3

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



PLAN

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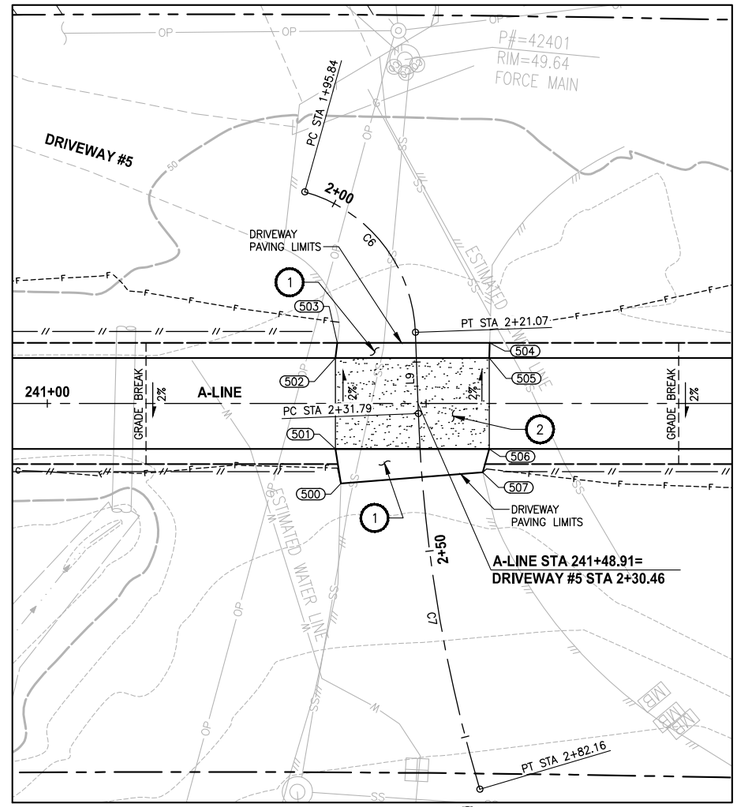

PLAN

SCALE IN FEET

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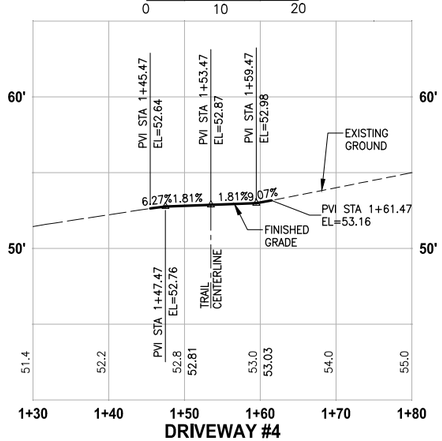
CONSTRUCTION NOTES:

1. HMA DRIVEWAY PAVEMENT SECTION SHALL BE 4" HMA CL. 1/2 PG 64-22 OVER 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
- HMA
- CEMENT CONCRETE PAVEMENT



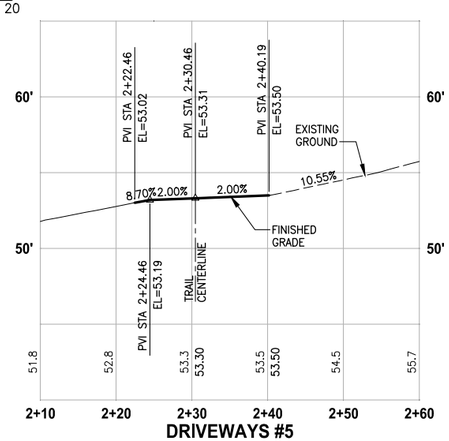
DRIVEWAY #4

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

DRIVEWAY #4 POINT TABLE					
POINT #	ALIGNMENT	STATION	OFFSET	ELEVATION	DESCRIPTION
400	DRIVEWAY #4	1+61.70	12.93' RT	53.05'	ME-HMA
401	DRIVEWAY #4	1+59.70	12.91' RT	52.98'	HMA-CONC
402	DRIVEWAY #4	1+47.70	13.13' RT	52.76'	HMA-CONC
403	DRIVEWAY #4	1+45.70	13.17' RT	52.53'	ME-HMA
404	DRIVEWAY #4	1+45.16	17.13' LT	52.68'	ME-HMA
405	DRIVEWAY #4	1+47.16	17.09' LT	52.76'	HMA-CONC
406	DRIVEWAY #4	1+59.16	17.31' LT	52.98'	HMA-CONC
407	DRIVEWAY #4	1+61.16	17.12' LT	52.86'	ME-HMA

DRIVEWAY #4 LINE TABLE						
LINE	LENGTH	BEARING	BEGIN EASTING	BEGIN NORTHING	END EASTING	END NORTHING
L7	16.06	N20° 16' 45"E	1336211.01	210428.72	1336216.58	210443.79
L8	56.04	N36° 15' 48"E	1336229.75	210468.28	1336262.90	210513.47

DRIVEWAY #4 CURVE TABLE							
CURVE	LENGTH	RADIUS	DELTA	BEGIN EASTING	BEGIN NORTHING	END EASTING	END NORTHING
C5	27.90	100.00	15°59'03" RT	1336216.58	210443.79	1336229.75	210468.28



DRIVEWAYS #5

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

DRIVEWAY #5 POINT TABLE					
POINT #	ALIGNMENT	STATION	OFFSET	ELEVATION	DESCRIPTION
500	DRIVEWAY #5	2+40.19	10.74' RT	53.54'	ME-HMA
501	DRIVEWAY #5	2+35.84	11.13' RT	53.43'	HMA-CONC
502	DRIVEWAY #5	2+24.07	10.65' RT	53.19'	HMA-CONC
503	DRIVEWAY #5	2+22.08	10.34' RT	52.71'	ME-HMA
504	DRIVEWAY #5	2+22.81	9.75' LT	52.75'	ME-HMA
505	DRIVEWAY #5	2+24.80	9.61' LT	53.19'	HMA-CONC
506	DRIVEWAY #5	2+37.03	9.11' LT	53.43'	HMA-CONC
507	DRIVEWAY #5	2+40.18	8.04' LT	53.35'	ME-HMA

DRIVEWAY #5 LINE TABLE						
LINE	LENGTH	BEARING	BEGIN EASTING	BEGIN NORTHING	END EASTING	END NORTHING
L9	10.72	N37° 40' 25"E	1336030.62	210625.34	1336037.17	210633.82

DRIVEWAY #5 CURVE TABLE							
CURVE	LENGTH	RADIUS	DELTA	BEGIN EASTING	BEGIN NORTHING	END EASTING	END NORTHING
C6	25.24	20.00	72°17'39" RT	1336029.99	210601.75	1336030.62	210625.34
C7	50.37	200.00	14°25'46" LT	1336037.17	210633.82	1336062.64	210677.12

CITY OF SAMMAMISH APPROVAL

City Engineer — Date

Community Development — Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

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DATE DECEMBER 2014

PRELIMINARY — YAMMIE Y. HO — STATE OF WASHINGTON — 40823 — REGISTERED PROFESSIONAL ENGINEER

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

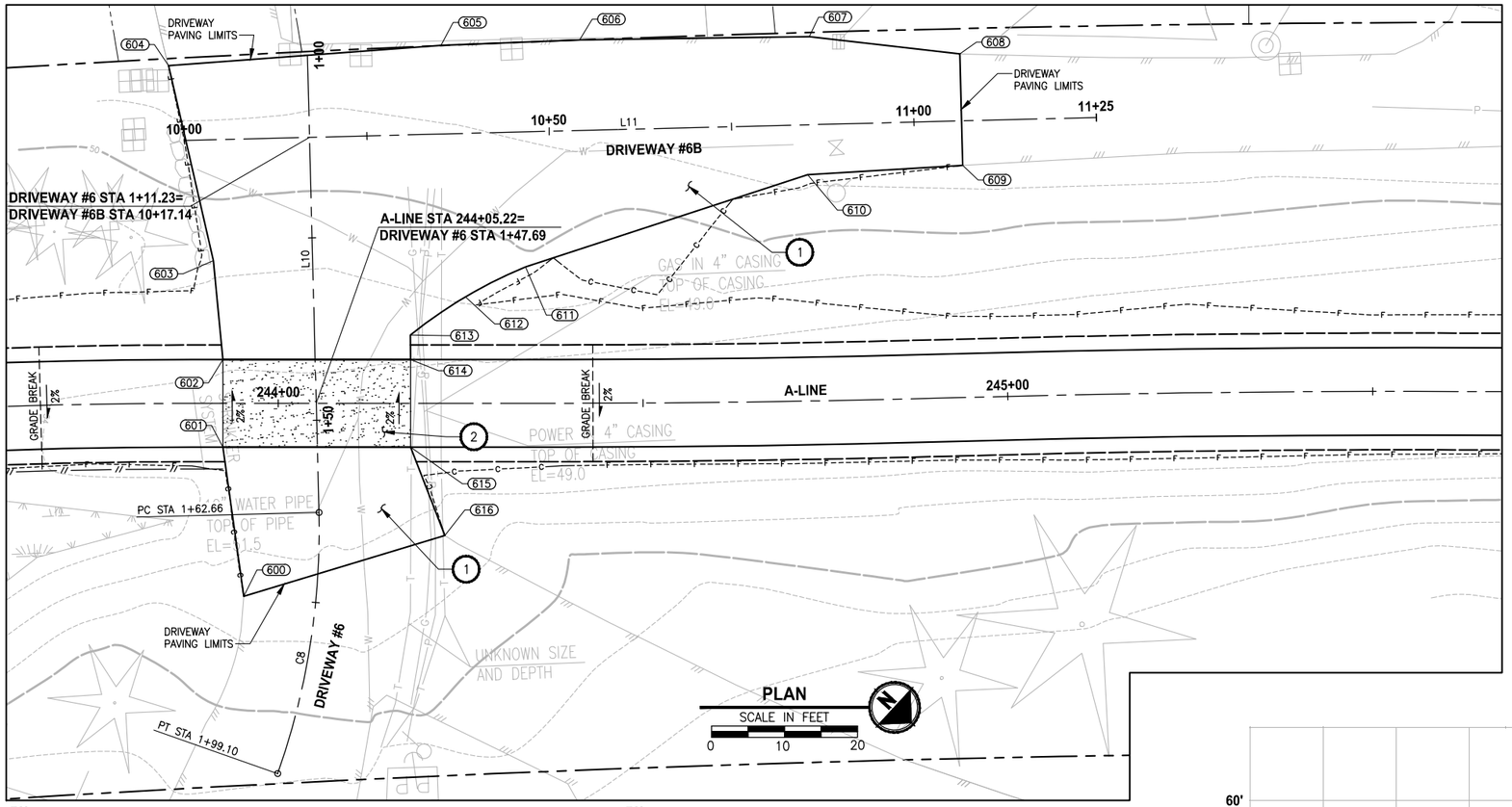
DRIVEWAY PLAN AND PROFILE

SHEET NO. 46 OF 79

DP4

LAYOUT: DP4 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:54:07 PM

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



CONSTRUCTION NOTES:

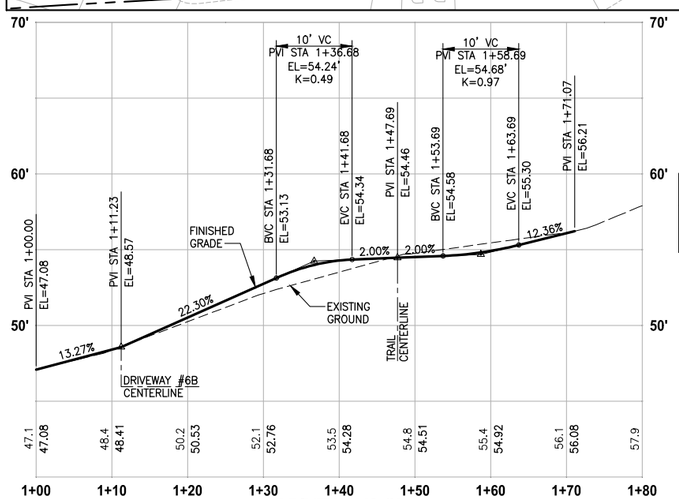
1. HMA DRIVEWAY PAVEMENT SECTION SHALL BE 4" HMA CL. 1/2 PG 64-22 OVER 8" CRUSHED SURFACING BASE COURSE.
2. PATTERNED CONCRETE DRIVEWAY SEE 1/MD2
3. CEMENT CONCRETE PAVEMENT SECTION SHALL BE 6" CONCRETE CLASS 4000 OVER 4" CRUSHED SURFACING BASE COURSE.

LEGEND:

- PATTERNED CONCRETE DRIVEWAY
- HMA
- CEMENT CONCRETE PAVEMENT

DRIVEWAY #6 POINT TABLE

POINT #	ALIGNMENT	STATION	OFFSET	ELEVATION	DESCRIPTION
600	DRIVEWAY #6	1+75.13	9.89' RT	56.82'	ME-HMA
601	DRIVEWAY #6	1+53.36	12.94' RT	54.58'	HMA-CONC
602	DRIVEWAY #6	1+41.37	12.63' RT	54.34'	HMA-CONC
603	DRIVEWAY #6	1+27.80	13.59' RT	52.20'	AP
604	DRIVEWAY #6	1+00.94	19.07' RT	47.04'	ME-HMA
605	DRIVEWAY #6B	10+35.48	12.13' LT	46.91	ME-AP
606	DRIVEWAY #6B	10+54.48	12.41' LT	46.82'	ME-AP
607	DRIVEWAY #6B	10+85.96	12.08' LT	46.40'	ME-AP
608	DRIVEWAY #6B	11+06.52	9.18' LT	46.93'	ME-HMA
609	DRIVEWAY #6B	11+06.52	6.10' RT	47.23'	ME-HMA
610	DRIVEWAY #6B	10+85.26	6.84' RT	48.28'	AP
611	DRIVEWAY #6B	10+46.27	18.50' RT	51.09'	CURVE PT
612	DRIVEWAY #6B	10+37.96	22.39' RT	52.59'	CURVE MIDPOINT
613	DRIVEWAY #6	1+38.66	13.15' LT	54.20'	CURVE PC
614	DRIVEWAY #6	1+42.01	13.06' LT	54.34'	HMA-CONC
615	DRIVEWAY #6	1+54.01	12.76' LT	54.58	HMA-CONC
616	DRIVEWAY #6	1+65.71	17.21' LT	56.75'	ME-HMA



DRIVEWAYS #6

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

DRIVEWAY #6 LINE TABLE

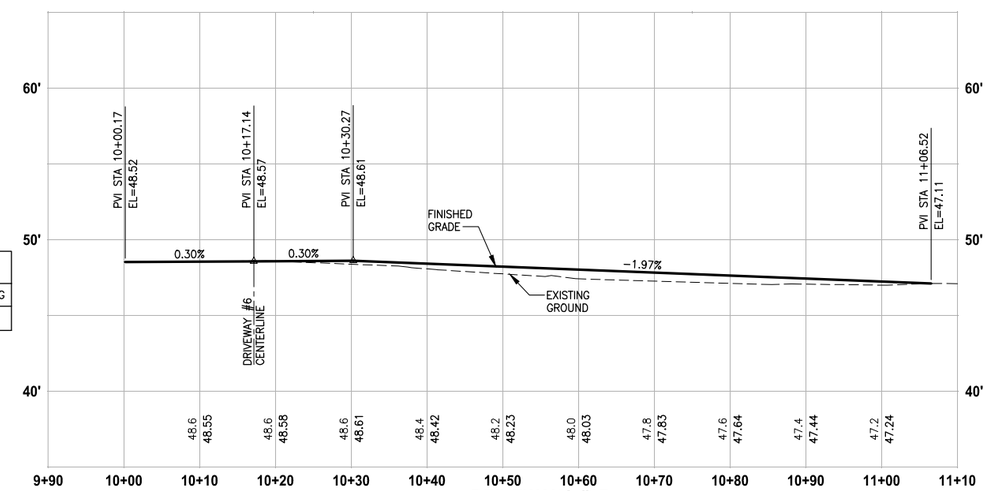
LINE	LENGTH	BEARING	BEGIN EASTING	BEGIN NORTHING	END EASTING	END NORTHING
L10	62.66	N45° 49' 12"E	1335810.96	210769.80	1335855.89	210813.47

DRIVEWAY #6 CURVE TABLE

CURVE	LENGTH	RADIUS	DELTA	BEGIN EASTING	BEGIN NORTHING	END EASTING	END NORTHING
C8	36.44	100.00	20°52'45" RT	1335855.89	210813.47	1335886.03	210833.60

DRIVEWAY #6B LINE TABLE

LINE	LENGTH	BEARING	BEGIN EASTING	BEGIN NORTHING	END EASTING	END NORTHING
L11	125.00	N44° 10' 48"W	1335830.96	210765.33	1335743.84	210854.98



DRIVEWAYS #6B

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

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03DP-01
JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

PRELIMINARY
YAMMIE Y. HO
STATE OF WASHINGTON
40829
REGISTERED PROFESSIONAL ENGINEER

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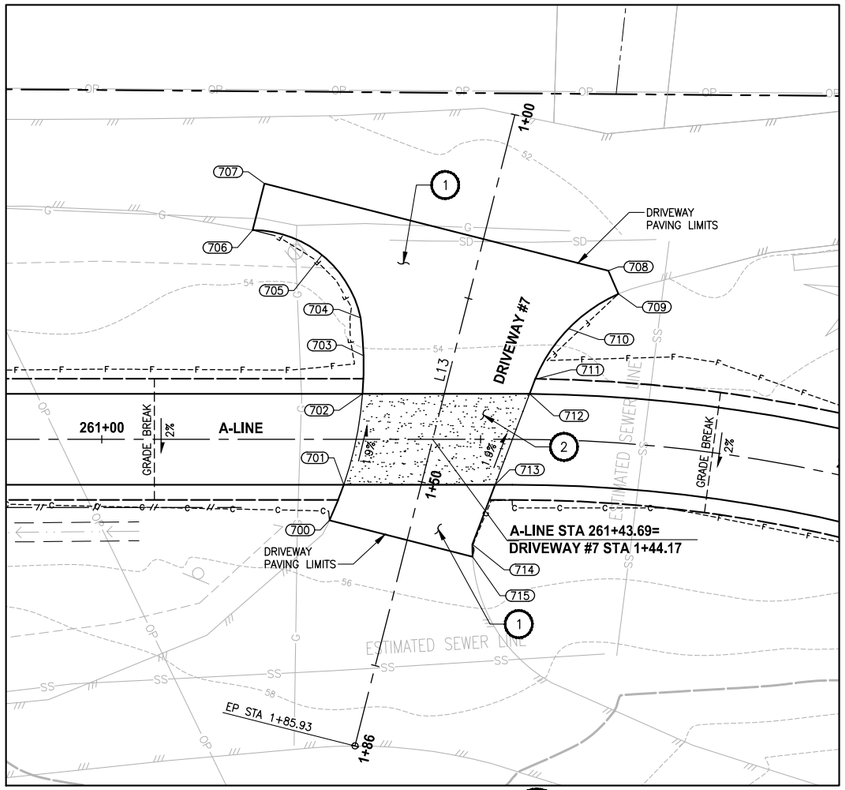
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

DRIVEWAY PLAN AND PROFILE

SHEET NO. 47 OF 79
DP5

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995vca\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:54:27 PM LAYOUT: DP5

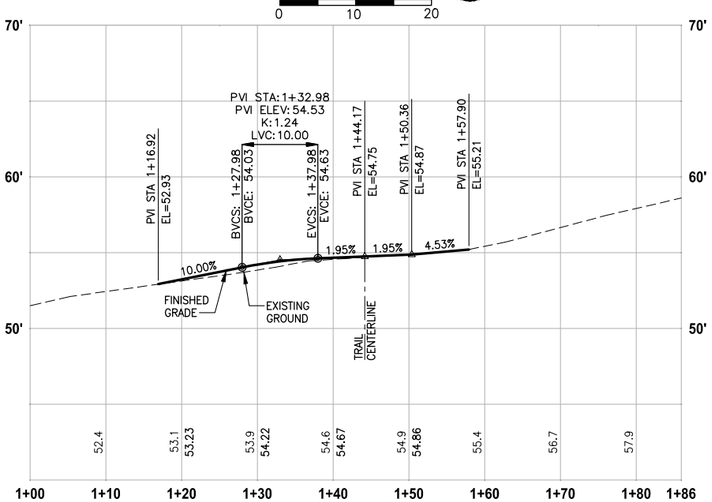
SEC'S 8, 17 TWP. 24 N., RGE. 06 E, W.M.



PLAN

SCALE IN FEET

0 10 20



DRIVEWAYS #7

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

CONSTRUCTION NOTES:

1. HMA DRIVEWAY PAVEMENT SECTION SHALL BE 4" HMA CL. 1/2 PG 64-22 OVER 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
- HMA
- CEMENT CONCRETE PAVEMENT

DRIVEWAY #7 POINT TABLE

POINT #	ALIGNMENT	STATION	OFFSET	ELEVATION	DESCRIPTION
700	DRIVEWAY #7	1+57.90	10.57' RT	55.18'	ME-HMA
701	DRIVEWAY #7	1+52.87	9.90' RT	54.87'	HMA-CONC
702	DRIVEWAY #7	1+40.63	10.45' RT	54.63'	HMA-CONC
703	DRIVEWAY #7	1+35.74	11.56' RT	54.25'	CURVE MIDPOINT
704	DRIVEWAY #7	1+30.98	13.17' RT	53.86'	CURVE PCC
705	DRIVEWAY #7	1+24.19	20.13' RT	53.08'	CURVE MIDPOINT
706	DRIVEWAY #7	1+23.26	29.81' RT	52.34'	ME-HMA
707	DRIVEWAY #7	1+16.92	29.81' RT	52.23'	ME-HMA
708	DRIVEWAY #7	1+16.92	17.01' LT	52.69'	ME-HMA
709	DRIVEWAY #7	1+19.56	19.06' LT	52.87'	ME-HMA
710	DRIVEWAY #7	1+25.60	13.79' LT	53.65'	CURVE MIDPOINT
711	DRIVEWAY #7	1+33.18	11.17' LT	54.43'	CURVE PT
712	DRIVEWAY #7	1+35.22	10.94' LT	54.63'	HMA-CONC
713	DRIVEWAY #7	1+47.97	9.45' LT	54.87'	HMA-CONC
714	DRIVEWAY #7	1+56.33	8.48' LT	55.26'	AP
715	DRIVEWAY #7	1+57.90	8.92' LT	55.34'	ME-HMA

DRIVEWAY #7 LINE TABLE

LINE	LENGTH	BEARING	BEGIN EASTING	BEGIN NORTHING	END EASTING	END NORTHING
L13	85.93	N53° 35' 04"E	1334692.54	212099.11	1334761.70	212150.12

CITY OF SAMMAMISH APPROVAL

City Engineer — Date

Community Development — Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

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

PRELIMINARY — YAMMIE Y. HO — STATE OF WASHINGTON — 40829 — REGISTERED PROFESSIONAL ENGINEER

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

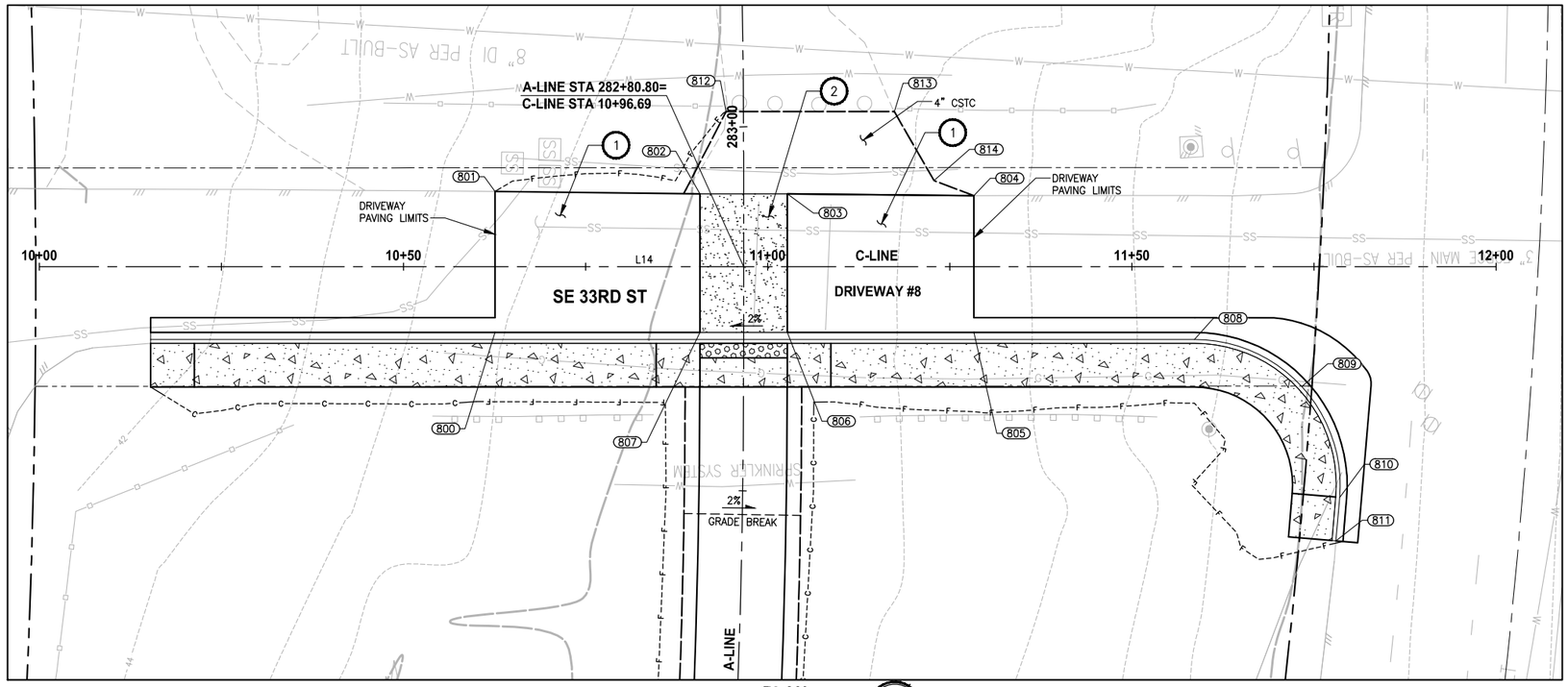
DRIVEWAY PLAN AND PROFILE

SHEET NO. 48 OF 79

DP6

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\
PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:54:44 PM
LAYOUT: DP6

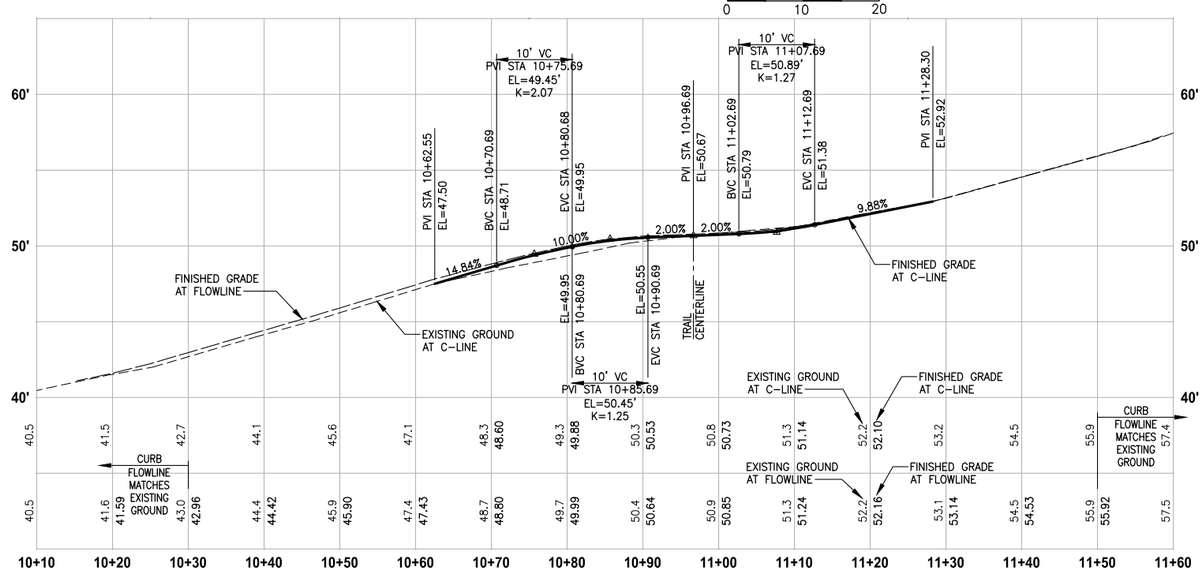
SEC'S 8, 17 TWP. 24 N., RGE. 06 E, W.M.



PLAN

SCALE IN FEET

0 10 20



DRIVEWAYS #8

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

CONSTRUCTION NOTES:

1. HMA DRIVEWAY PAVEMENT SECTION SHALL BE 4" HMA CL. 1/2 PG 64-22 OVER 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
- HMA
- CEMENT CONCRETE PAVEMENT

DRIVEWAY #8 POINT TABLE

POINT #	ALIGNMENT	STATION	OFFSET	ELEVATION	DESCRIPTION
800	DRIVEWAY #8	10+62.55	9.04' RT	47.80'	ME-HMA
801	DRIVEWAY #8	10+62.55	10.32' LT	47.06'	ME-HMA
802	DRIVEWAY #8	10+90.69	10.00' LT	50.45'	HMA-CONC
803	DRIVEWAY #8	11+02.69	10.00' LT	50.72'	HMA-CONC
804	DRIVEWAY #8	11+28.30	9.752' LT	52.96'	ME-HMA
805	DRIVEWAY #8	11+28.30	9.04' RT	52.93'	ME-HMA
806	DRIVEWAY #8	11+02.69	9.04' RT	50.88'	HMA-CONC
807	DRIVEWAY #8	10+90.69	9.04' RT	50.64'	HMA-CONC
808	DRIVEWAY #8	11+58.60	10.00' RT	57.21'	CURVE PT, FLOWLINE
809	DRIVEWAY #8	11+73.33	16.47' RT	59.93'	CURVE MIDPOINT, FLOWLINE
810	DRIVEWAY #8	11+78.53	31.69' RT	60.79'	CURVE PC, FLOWLINE
811	DRIVEWAY #8	11+78.02	37.67' RT	60.69'	ME, FLOWLINE
812	DRIVEWAY #8	10+94.29	21.29' LT	50.39'	ME
813	DRIVEWAY #8	11+17.39	21.29' LT	51.58'	ME
814	DRIVEWAY #8	11+22.83	11.81' LT	52.28'	ME

DRIVEWAY #8 LINE TABLE

LINE	LENGTH	BEARING	BEGIN EASTING	BEGIN NORTHING	END EASTING	END NORTHING
L14	200.00	N56° 14' 59"E	1333706.30	213947.91	1333872.59	214059.02

CITY OF SAMMAMISH APPROVAL

City Engineer — Date

Community Development — Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

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

PRELIMINARY

YAMMIE Y. HO — STATE OF WASHINGTON — 40829 — REGISTERED PROFESSIONAL ENGINEER

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

DRIVEWAY PLAN AND PROFILE

SHEET NO. 49 OF 79

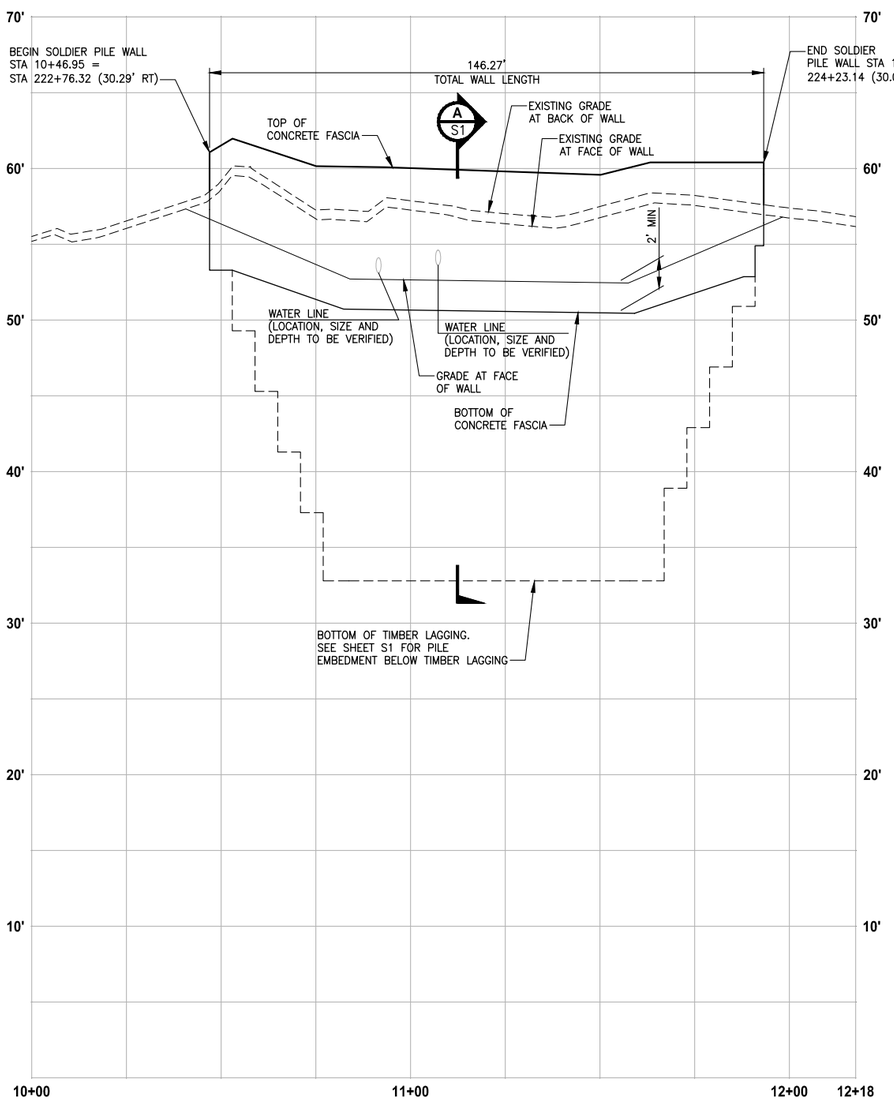
DP7

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:54:58 PM
LAYOUT: DP7

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

NOTE:

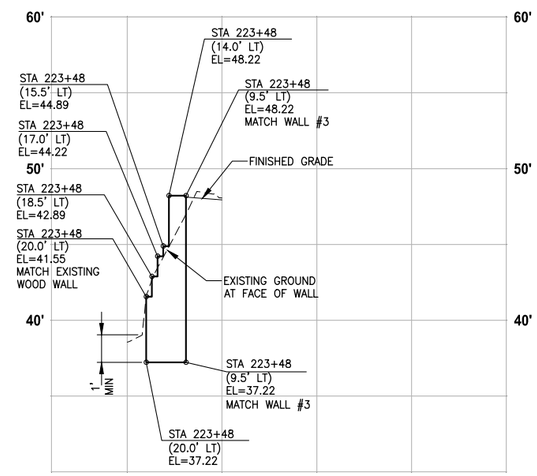
1. EXISTING UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTH, AS AUTHORIZED BY THE ENGINEER.



SOLDIER PILE WALL

WALL #1 (CUT) A-LINE

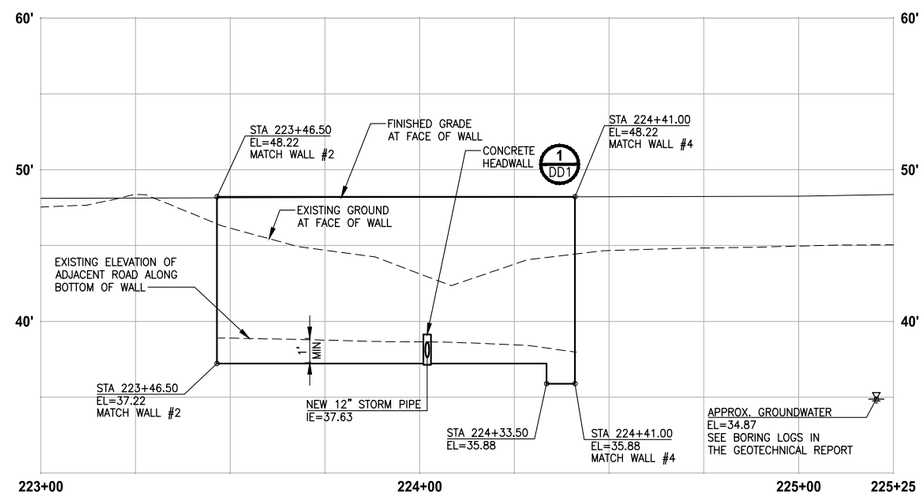
HORIZ: 1"=20'
VERT: 1"=5'



LEFT STRUCTURAL EARTH WALL

WALL #2 (FILL) A-LINE

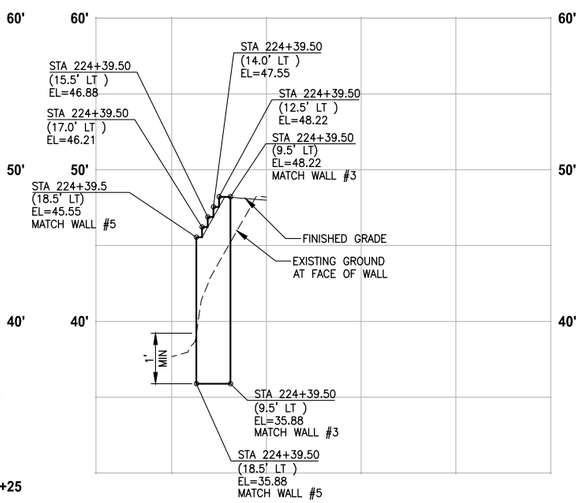
HORIZ: 1"=20'
VERT: 1"=5'



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'

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME BL1521075P20T03WP-01
JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

PRELIMINARY
YAMMIR Y. HO
STATE OF WASHINGTON
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Parametrix
ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
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P 206.394.3700
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PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

WALL PROFILES

SHEET NO.
50 OF 79

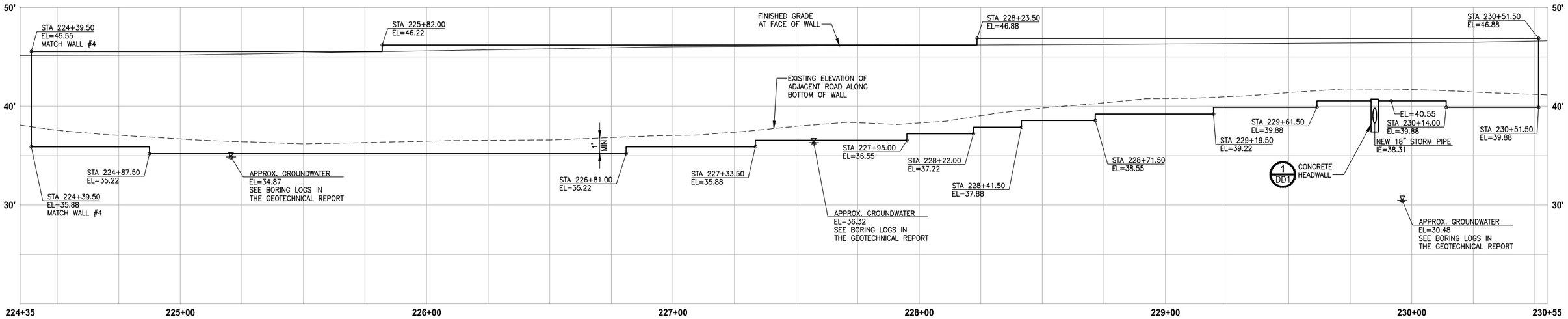
WP1

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:55:32 PM LAYOUT: WP1

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

NOTE:

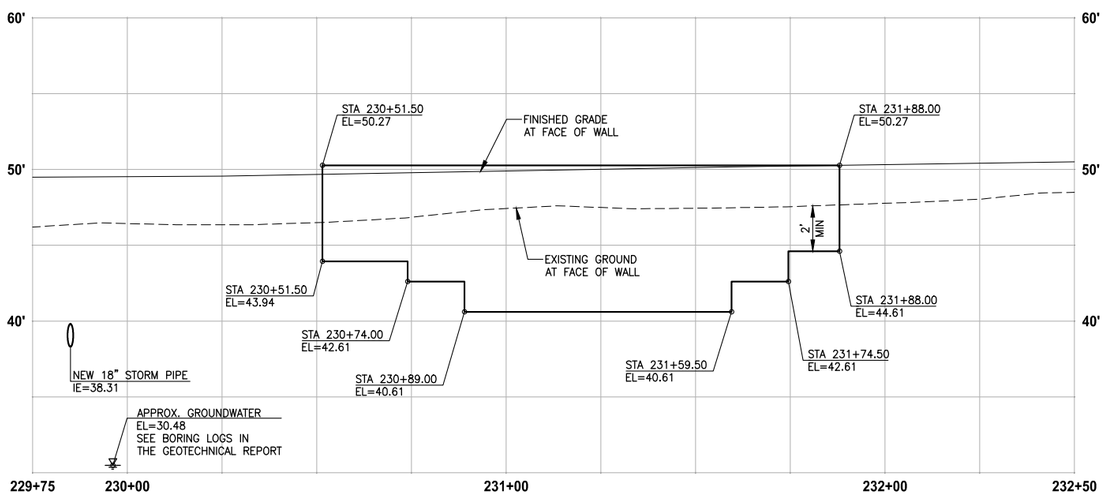
1. EXISTING UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTH, AS AUTHORIZED BY THE ENGINEER.



LEFT STRUCTURAL EARTH WALL

WALL #5 (FILL) A-LINE

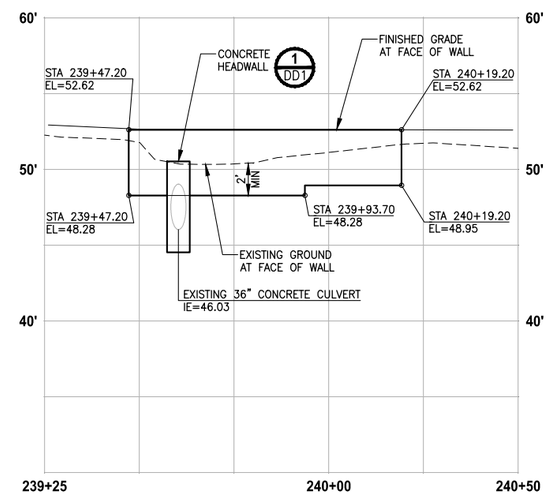
HORIZ: 1"=20'
VERT: 1"=5'



LEFT STRUCTURAL EARTH WALL

WALL #6 (FILL) A-LINE

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



LEFT STRUCTURAL EARTH WALL

WALL #7 (FILL) A-LINE

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

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03WP-01
JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

PRELIMINARY
YAMMIE Y. HO
STATE OF WASHINGTON
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ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
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P 206.394.3700
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PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

WALL PROFILES

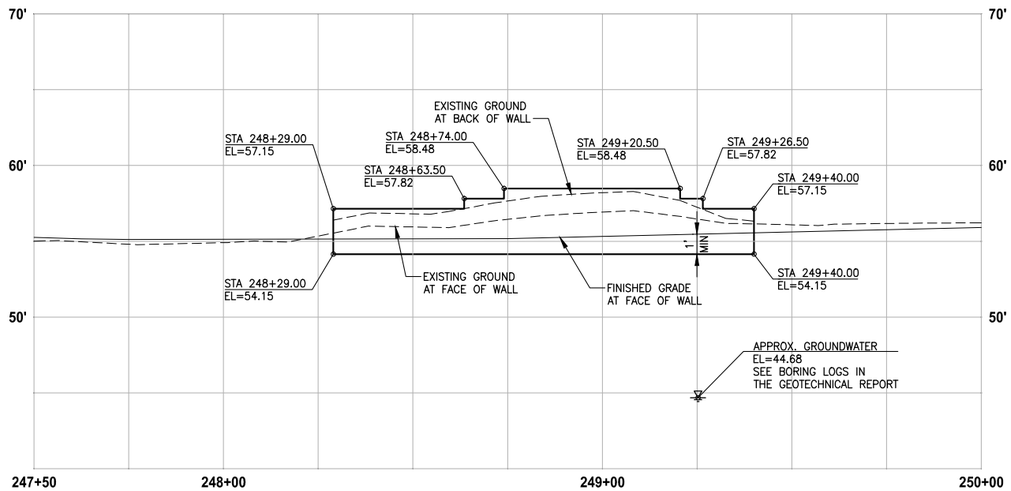
SHEET NO. 51 OF 79

WP2

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\
PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:55:44 PM
LAYOUT: WP2

NOTE:

1. EXISTING UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTH, AS AUTHORIZED BY THE ENGINEER.



RIGHT STRUCTURAL EARTH WALL

WALL #8 (CUT) A-LINE

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

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

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DRAWN B. PURGANAN
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JOB No. 554-1521-075 P20T03
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PRELIMINARY

YAMMIE Y. HO — STATE OF WASHINGTON — 40829 — REGISTERED PROFESSIONAL ENGINEER

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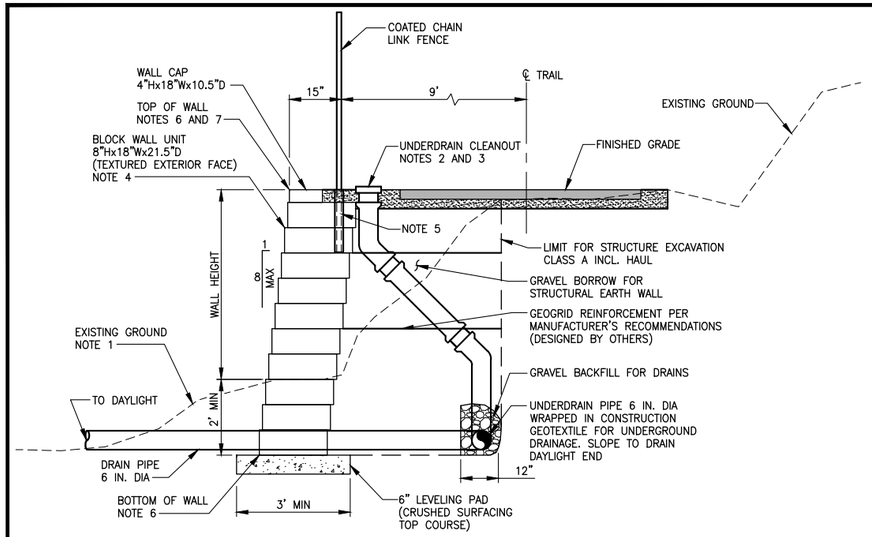
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

WALL PROFILES

SHEET NO. 52 OF 79

WP3

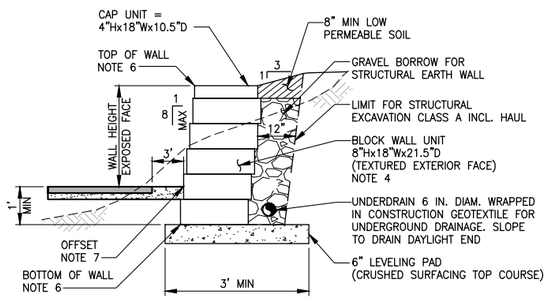
LAYOUT: WP3 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:55:51 PM



STRUCTURAL EARTH WALL - FILL WALL

DETAIL 1

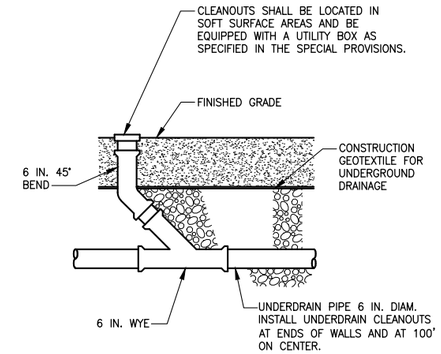
NO SCALE



STRUCTURAL EARTH WALL (WITHOUT GEOGRID) - CUT WALL (H<4')

DETAIL 2

NO SCALE



UNDERDRAIN CLEANOUT

DETAIL 3

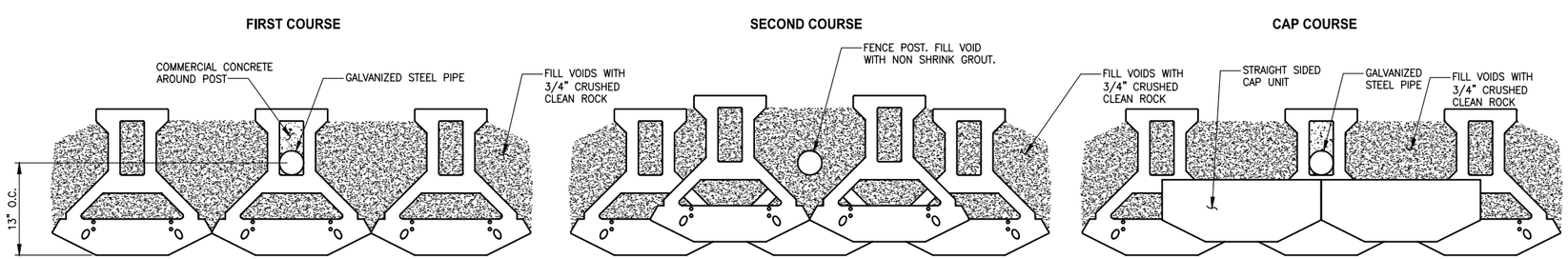
NO SCALE

WALL SCHEDULE

WALL #	ALIGNMENT	BEGIN STA	END STA	SIDE	EXPOSED WALL HEIGHT RANGE	FILL/CUT
WALL 1	A–LINE	222+76.32	224+23.14	RT	3.0'–8.0'	CUT
WALL 2	A–LINE	223+48.00	223+48.00	LT	0.0'–3.5'	FILL
WALL 3	A–LINE	223+46.50	224+41.00	LT	9.0'–10.5'	FILL
WALL 4	A–LINE	224+39.50	224+39.50	LT	3.0'–8.0'	FILL
WALL 5	A–LINE	224+39.50	230+51.50	LT	5.0'–10.0'	FILL
WALL 6	A–LINE	230+51.50	231+88.00	LT	2.5'–4.0'	FILL
WALL 7	A–LINE	239+47.20	240+19.20	LT	0.5'–2.5'	FILL
WALL 8	A–LINE	248+29.00	249+40.00	RT	1.5'–3.5'	CUT

NOTES:

1. RESTORE DISTURBED EXISTING GROUND WITH NATIVE SOIL BACKFILL AND SEEDING.
2. SEE UNDERDRAIN CLEANOUT DETAIL 3, THIS SHEET.
3. UNDERDRAIN CLEANOUT LIDS SHALL BE INSTALLED ALONG THE BACK OF WALL BLOCK AND SHALL NOT BE IN TRAIL HMA PAVEMENT.
4. FILL BLOCK UNITS WITH UNIT DRAINAGE FILL. SEE SPECIAL PROVISIONS FOR WALL DESIGN REQUIREMENTS. ALL CONSTRUCTION MUST CONFORM TO MANUFACTURER'S SPECIFIC REQUIREMENTS.
5. POST SHALL HAVE MIN 24" DEPTH. SEE DETAIL 4 THIS SHEET.
6. SEE WP SHEETS FOR TOP AND BOTTOM OF WALL ELEVATIONS.
7. FOR FILL WALLS, OFFSET DISTANCE IS AT THE OUTSIDE EDGE OF THE CAP BLOCK PER DETAIL 1. FOR CUT WALLS, OFFSET DISTANCE IS AT THE BOTTOM OF EXPOSED WALL FACE PER DETAIL 2.



PLAN

REAR COURSE POSITIONING

DETAIL 4

NO SCALE

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

90 % REVIEW SUBMITTAL

NOT FOR CONSTRUCTION

PRELIMINARY

YAMMIE Y. HO — STATE OF WASHINGTON — 40829 — REGISTERED PROFESSIONAL ENGINEER

▷	REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

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

STRUCTURAL EARTH WALL DETAILS

SHEET NO. 53 OF 79

WD1

LAYOUT: WD1 PATH: U:\PSO\Projects\Clients\1521–KingCo\554–1521–075–ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:56:05 PM

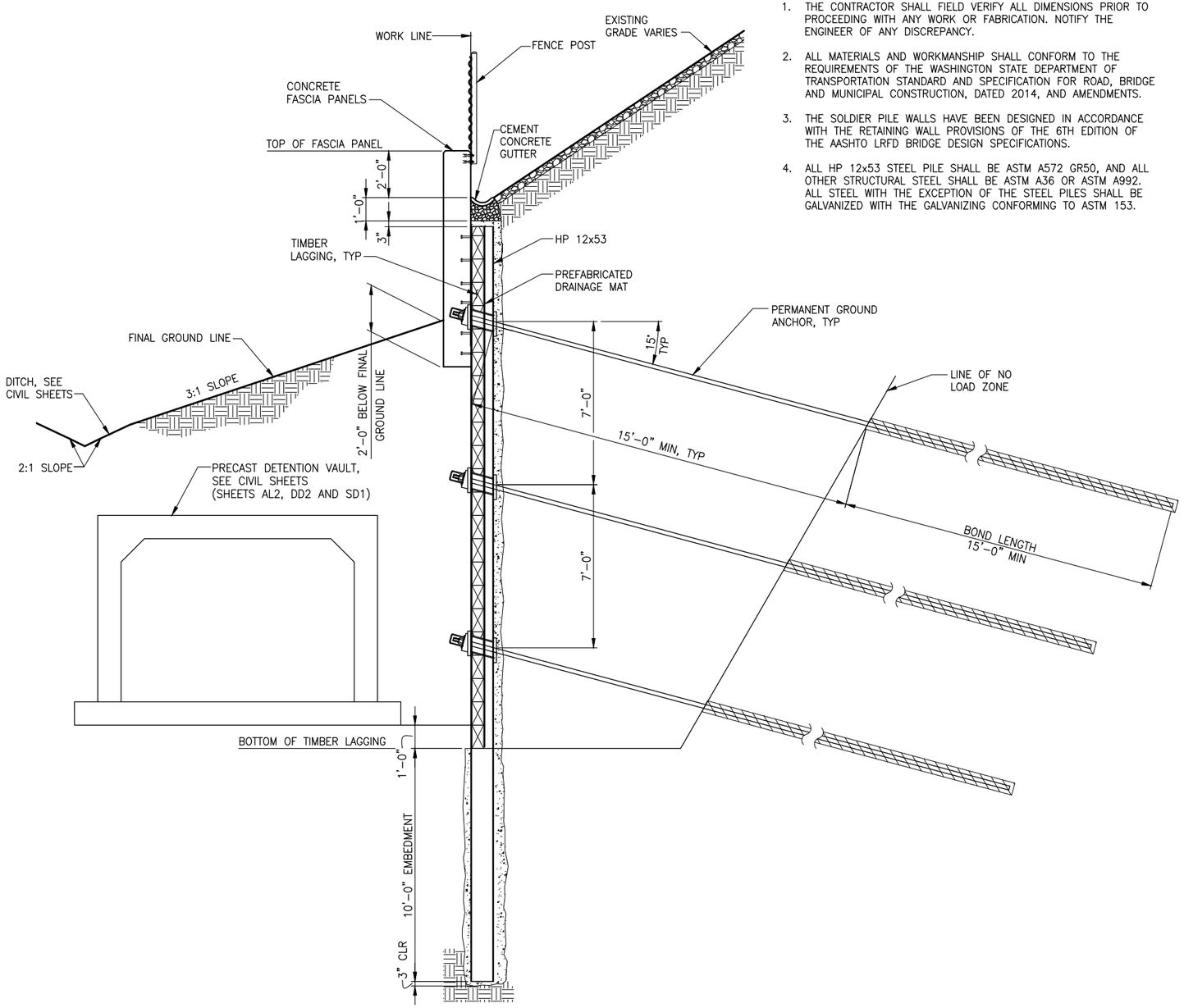
STRUCTURAL NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK OR FABRICATION. NOTIFY THE ENGINEER OF ANY DISCREPANCY.
2. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE REQUIREMENTS OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD AND SPECIFICATION FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION, DATED 2014, AND AMENDMENTS.
3. THE SOLDIER PILE WALLS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE RETAINING WALL PROVISIONS OF THE 6TH EDITION OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.
4. ALL HP 12x53 STEEL PILE SHALL BE ASTM A572 GR50, AND ALL OTHER STRUCTURAL STEEL SHALL BE ASTM A36 OR ASTM A992. ALL STEEL WITH THE EXCEPTION OF THE STEEL PILES SHALL BE GALVANIZED WITH THE GALVANIZING CONFORMING TO ASTM 153.
5. ALL WELDING SHALL CONFORM TO AWS D1.1 WELDING CODE. MINIMUM SIZE WELDS 3/16" CONTINUOUS FILLET, UNLESS OTHERWISE NOTED.
6. CONCRETE FOR THE FASCIA PANELS SHALL BE CLASS 4000 CONCRETE. SEE SPECIAL PROVISIONS FOR FASCIA PANEL PATTERN.

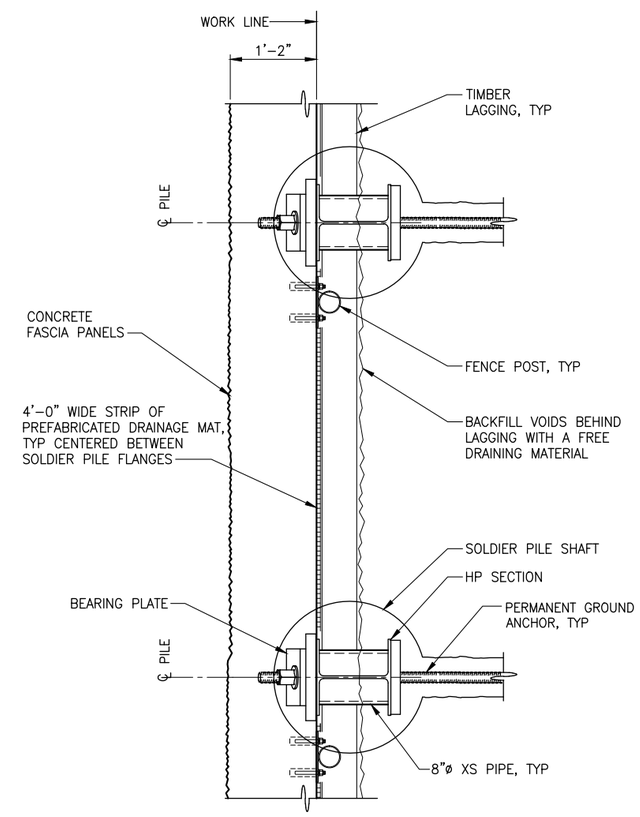
MATERIAL	SPECIFICATION
CONCRETE CL 4000	6–02.3
WELDED SHEAR CONNECTOR	9–06.15
REINFORCING STEEL	9–07
RESIN BONDED ANCHORS	SPECIAL PROVISIONS
GRAVEL BACKFILL FOR DRAIN	9–03.12 (4)
DRAINAGE GEOTEXTILE	9–33.2 (1)
PREFABRICATED DRAINAGE MAT	9–33.2 (3)

7. THE CONTRACTOR SHALL PROVIDE SPECIAL INSPECTIONS BY QUALIFIED SPECIAL INSPECTORS PER WSDOT CONSTRUCTION MANUAL AND IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS:
   A. CONCRETE PLACEMENT AT CONCRETE CONSTRUCTION: CONTINUOUS
   B. REINFORCEMENT AT CONCRETE CONSTRUCTION: PERIODIC
   C. SINGLE PASS FILLET AND GROOVE WELDS: PERIODIC

   COPIES OF THE INSPECTION REPORTS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL AT KING COUNTY AND THE ENGINEER OF RECORD.
8. THE CONTRACTOR SHALL SUBMIT TESTING REPORTS, CERTIFICATE OF MATERIALS, AND OTHER DOCUMENTS RELATED TO STRUCTURAL INSPECTIONS AND TESTS TO KING COUNTY. SPECIFIC REQUIREMENTS SHALL COMPLY WITH WSDOT STD. SPECIFICATION SECTION 1–06 AND THE WSDOT CONSTRUCTION MANUAL.



TYPICAL SOLDIER PILE WALL
SECTION A
3/8"=1'–0"



SOLDIER PILE WALL
PLAN
1"=1'–0"

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
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PRELIMINARY

REVISIONS	DATE	BY

DESIGNED S. BROWN
DRAWN A. VALENCIA
CHECKED J. MERTH
APPROVED B. MURRAY

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03S–1
JOB No. 554–1521–075 P20T03
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PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

SOLDIER PILE WALL TYPICAL PLAN AND ELEVATIONS

SHEET NO. 54 OF 79
S1

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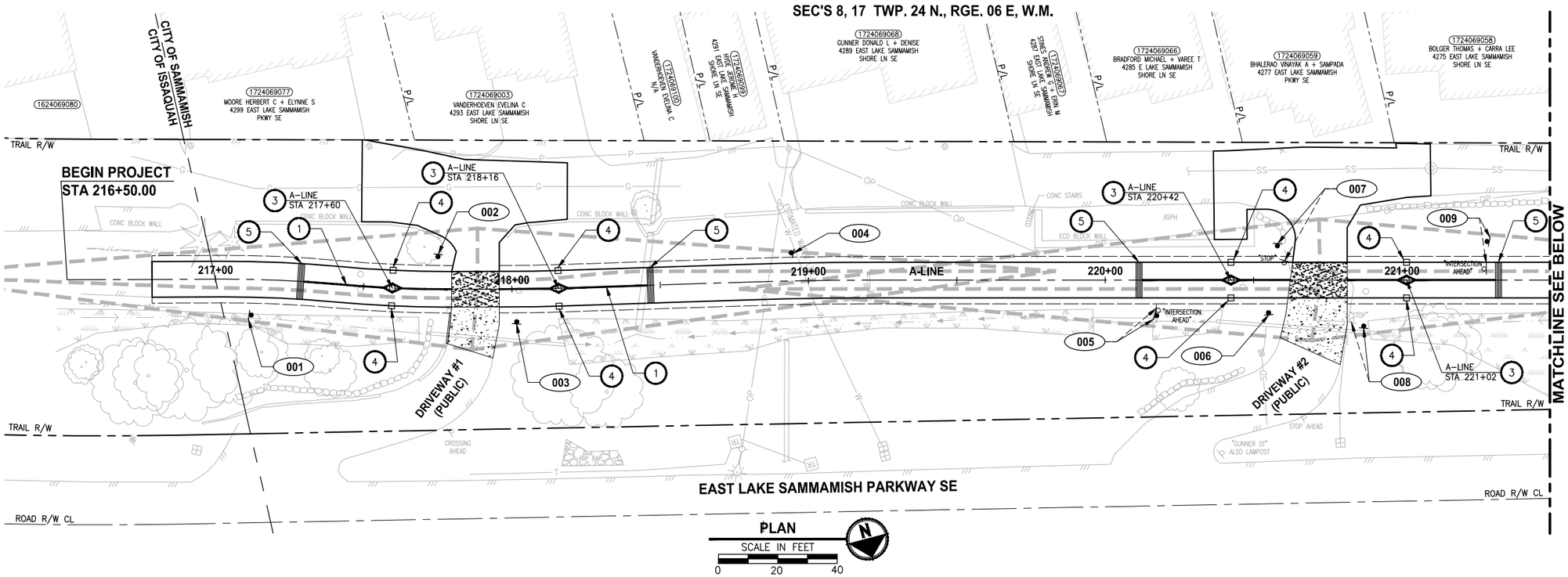

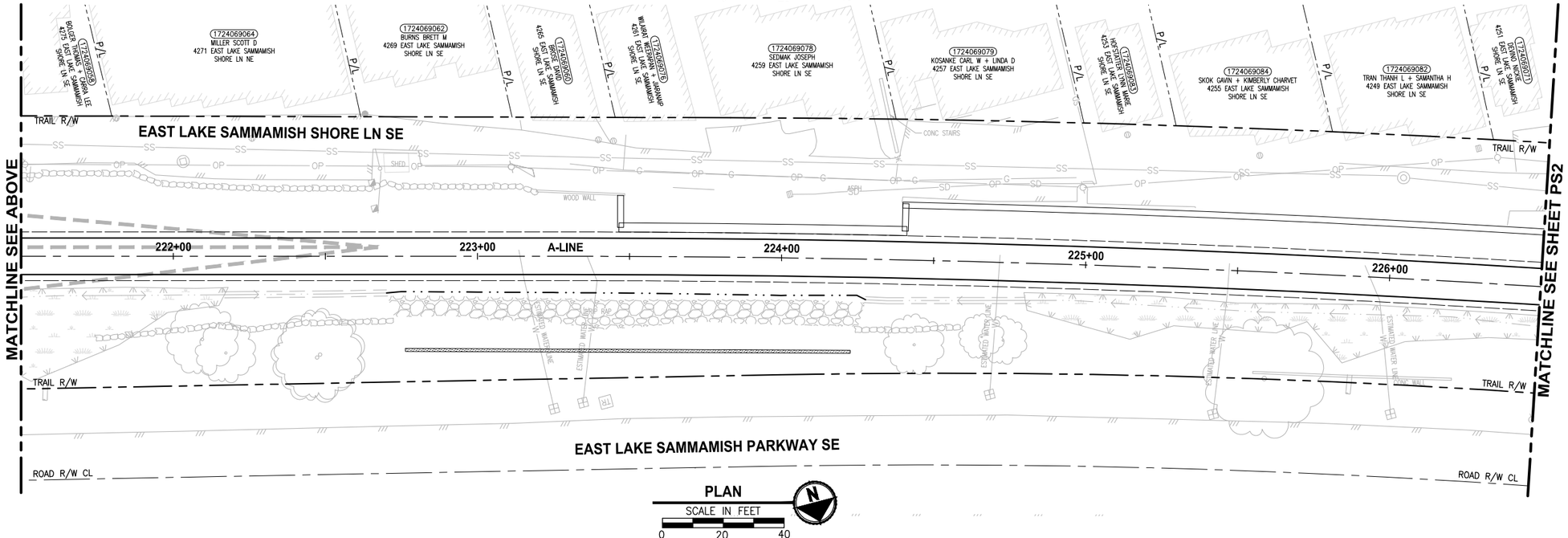

PAVEMENT MARKING AND SIGNING CONSTRUCTION NOTES:

1. INSTALL BOLLARD STRIPING PER DETAIL 5/MD1 1/MD2
2. INSTALL RELOCATED TRASH CAN AND NEW PET WASTE STATION. SEE SPECIFICATIONS FOR DETAILS.
3. INSTALL REMOVABLE BOLLARD PER DETAIL 1/MD1
4. INSTALL FIXED BOLLARDS PER DETAIL 2/MD1
5. CONCRETE WARNING BAND PER DETAIL 4/MD1

LEGEND:

XXX SIGN, SEE SHEET PS-10 FOR SIGN SCHEDULE.

14.5' X 195' SIGHT DISTANCE TRIANGLE FOR STOP CONTROLLED INTERSECTION.

GENERAL NOTE:

1. FOR SIGN REMOVALS, SEE SP SHEETS.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03PS-01
JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

YAMMIE Y. HO — STATE OF WASHINGTON — 40833 — REGISTERED PROFESSIONAL ENGINEER
PRELIMINARY

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PROJECT NAME
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SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

PAVEMENT MARKING AND SIGNING PLAN

SHEET NO. 55 OF 79
PS1

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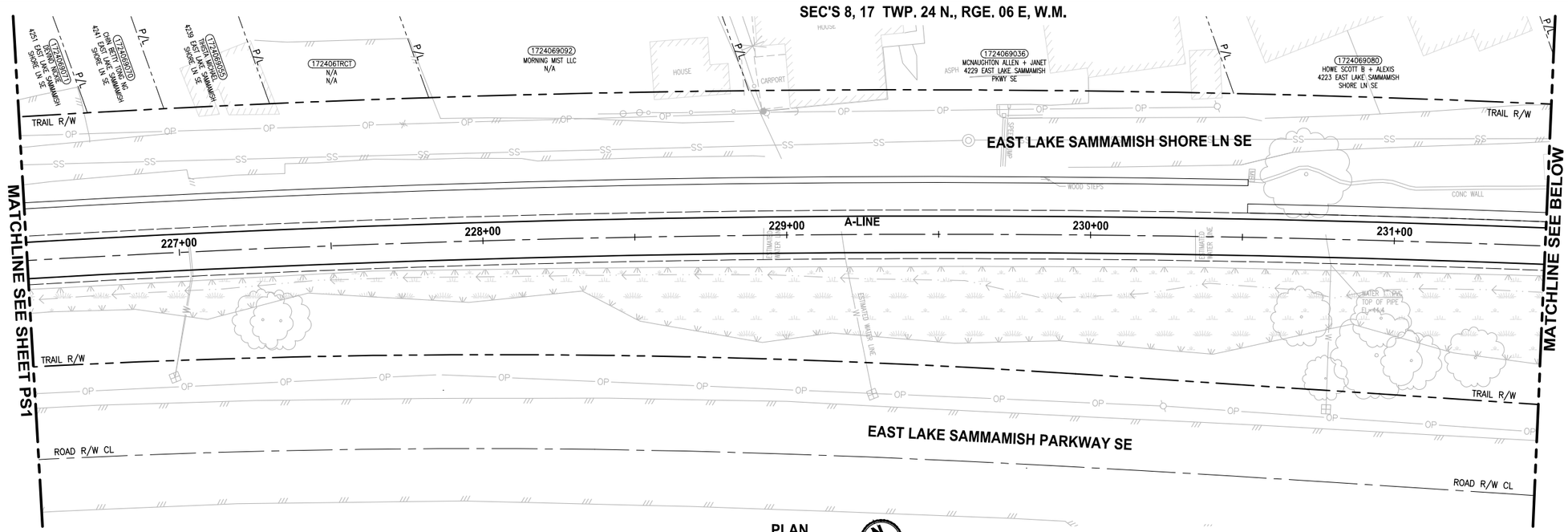

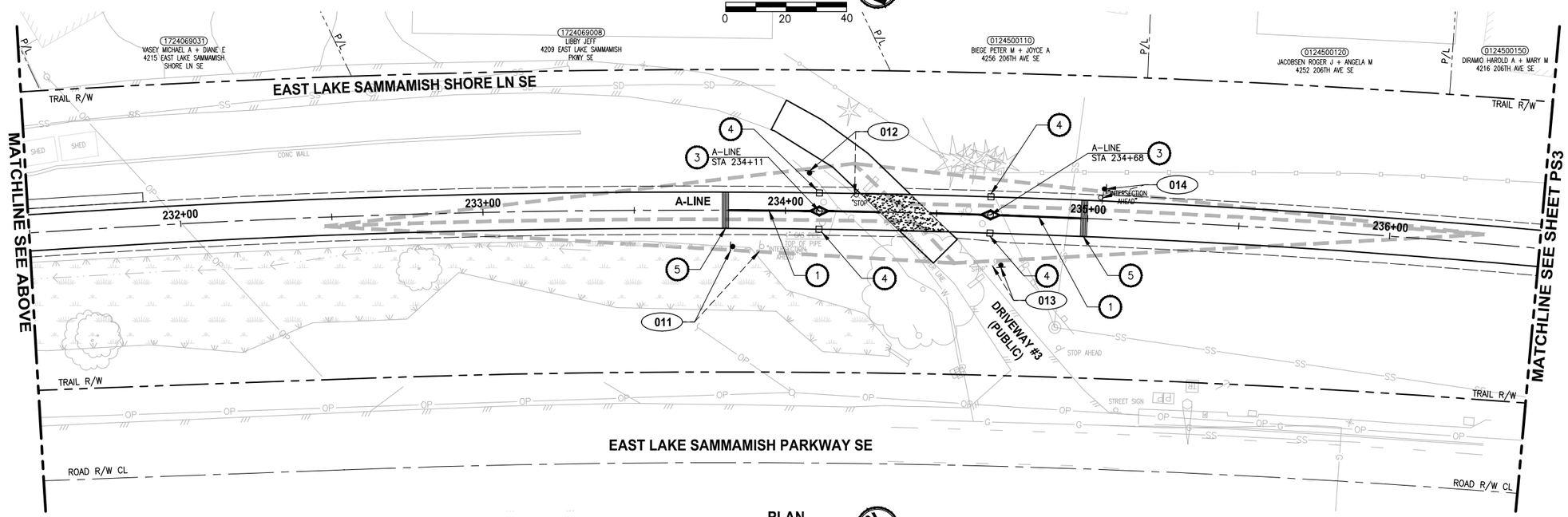

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DATE DECEMBER 2014

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PROJECT NAME
EAST LAKE SAMMAMISH
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SAMMAMISH, WA

PAVEMENT MARKING AND SIGNING PLAN

SHEET NO. 56 OF 79
PS2

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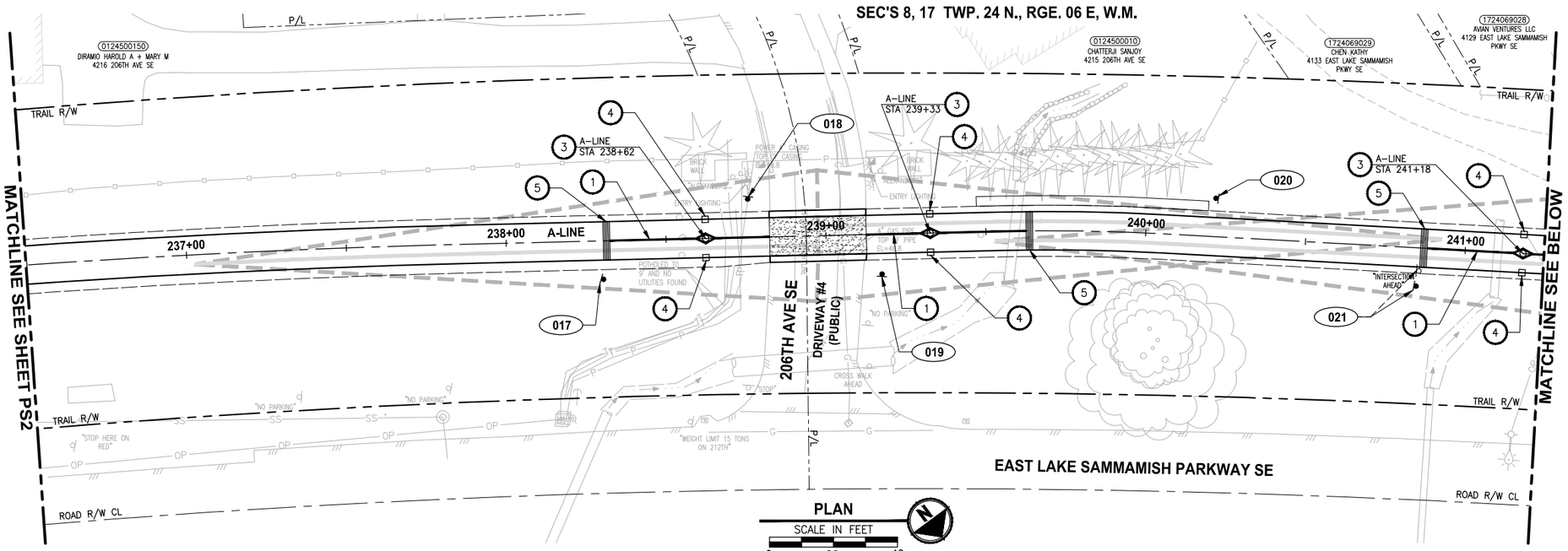

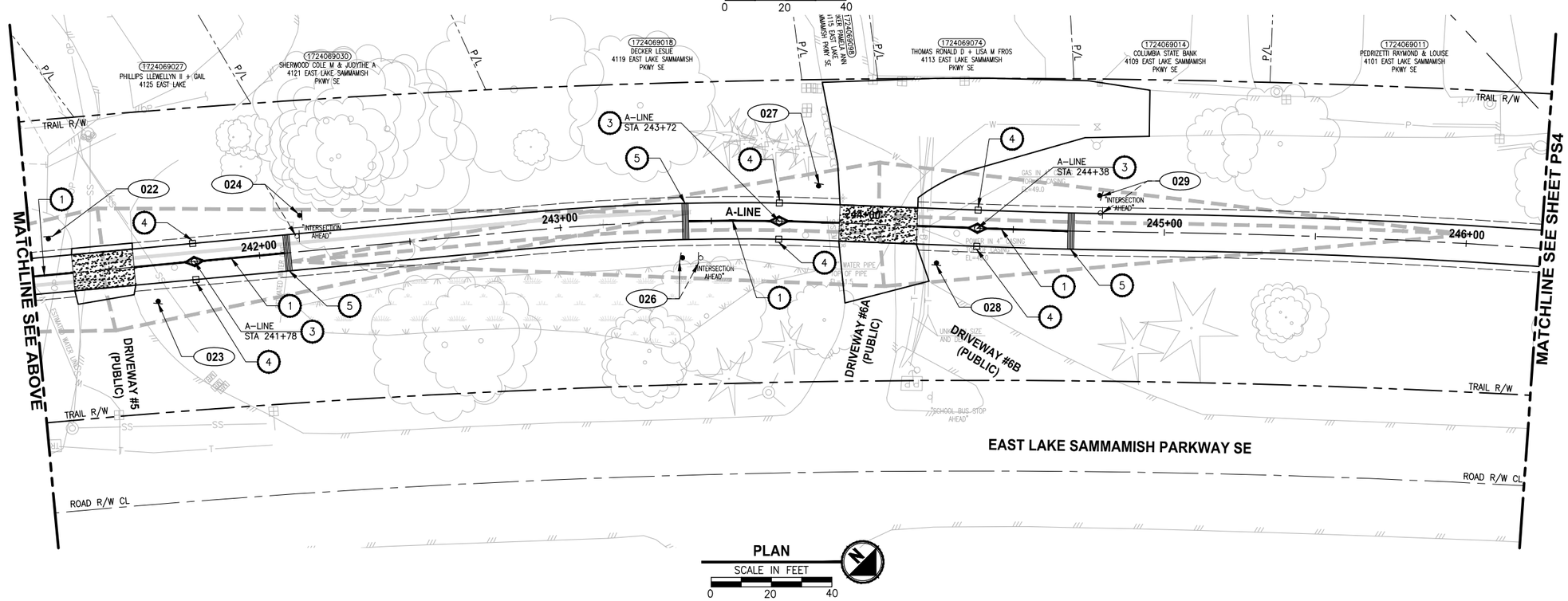

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EAST LAKE SAMMAMISH
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SAMMAMISH, WA

PAVEMENT MARKING AND SIGNING PLAN

SHEET NO. 57 OF 79
PS3

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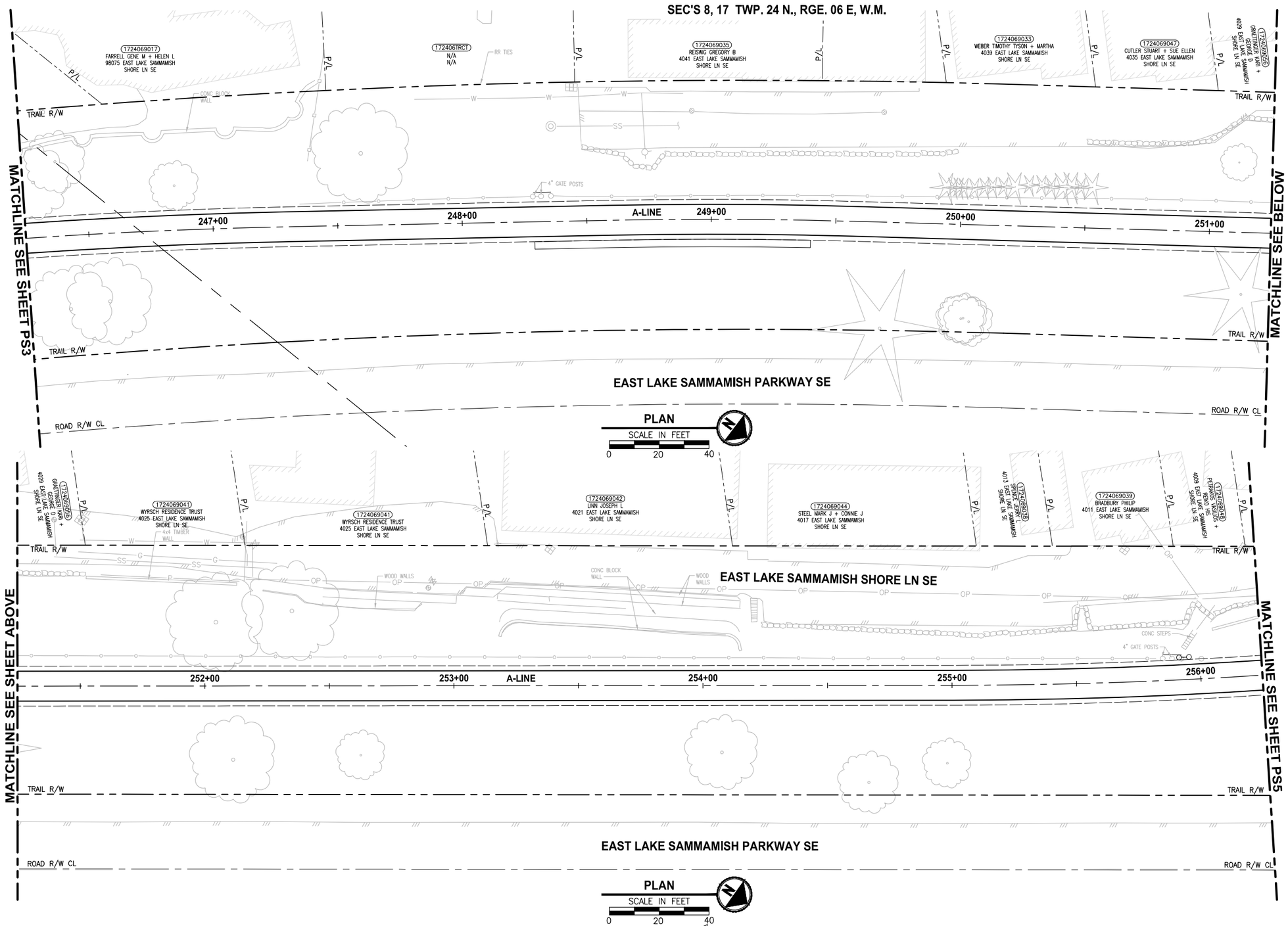

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14.5' X 195' SIGHT DISTANCE TRIANGLE FOR STOP CONTROLLED INTERSECTION.

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CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

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EAST LAKE SAMMAMISH
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SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

PAVEMENT MARKING AND SIGNING PLAN

SHEET NO.
58 OF 79
PS4

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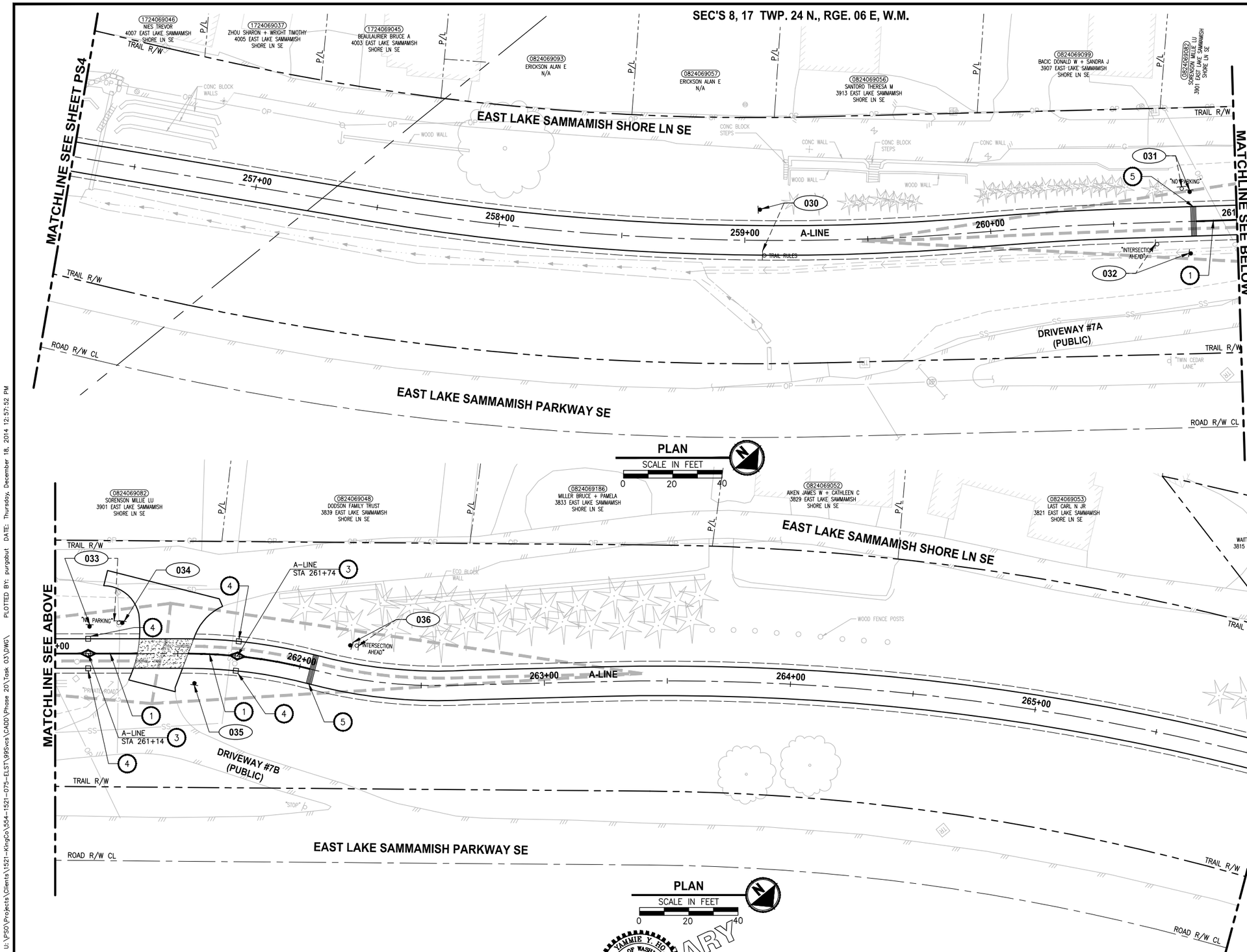

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CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

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DESIGNED J. JUN
DRAWN B. PURGANAN
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APPROVED

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FILE NAME BL1521075P20T03PS-01
JOB No. 554-1521-075 P20T03
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PROJECT NAME
EAST LAKE SAMMAMISH
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SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

PAVEMENT MARKING AND SIGNING PLAN

SHEET NO. 59 OF 79
PS5

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\
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PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:57:52 PM

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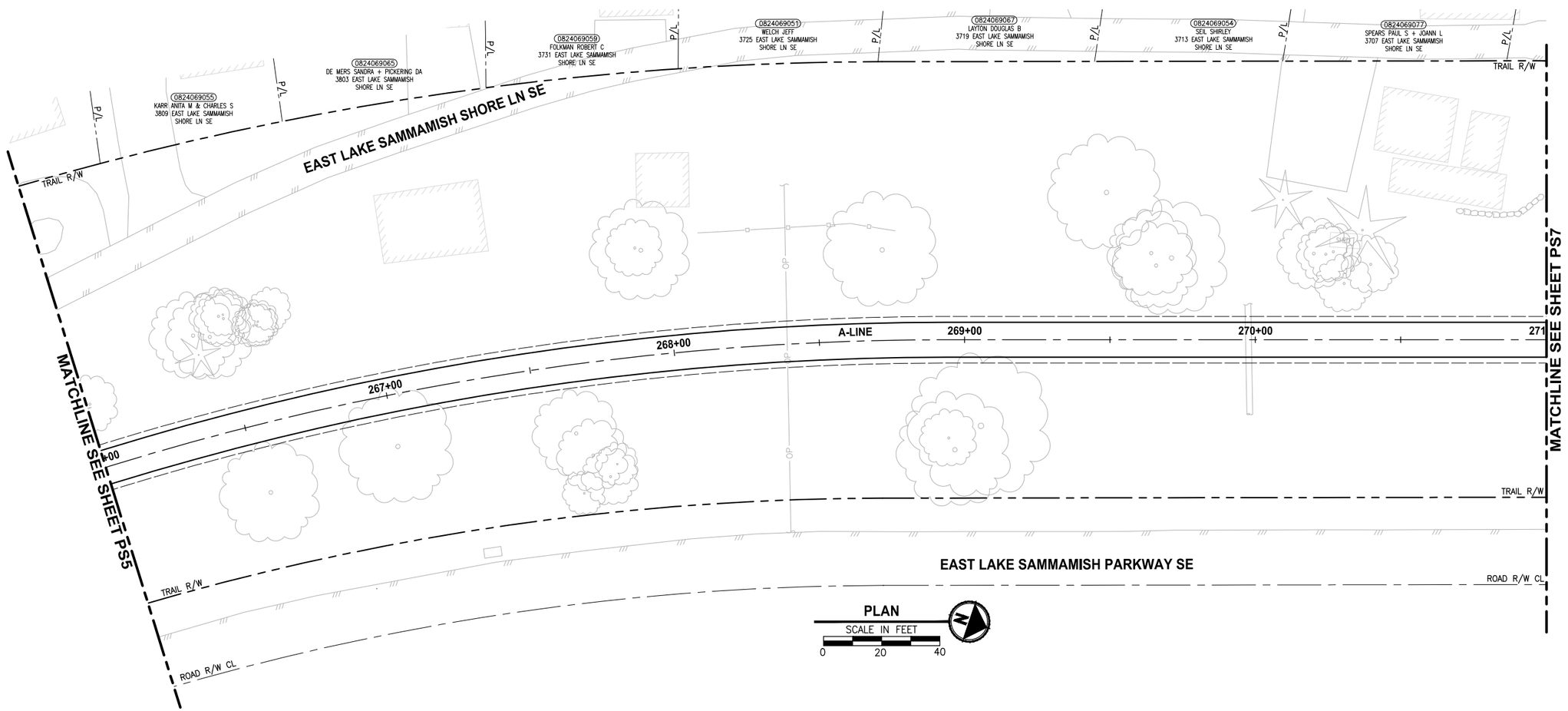

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CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
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DRAWN B. PURGANAN
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DATE DECEMBER 2014

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

PAVEMENT MARKING AND SIGNING PLAN

SHEET NO. 60 OF 79
PS6

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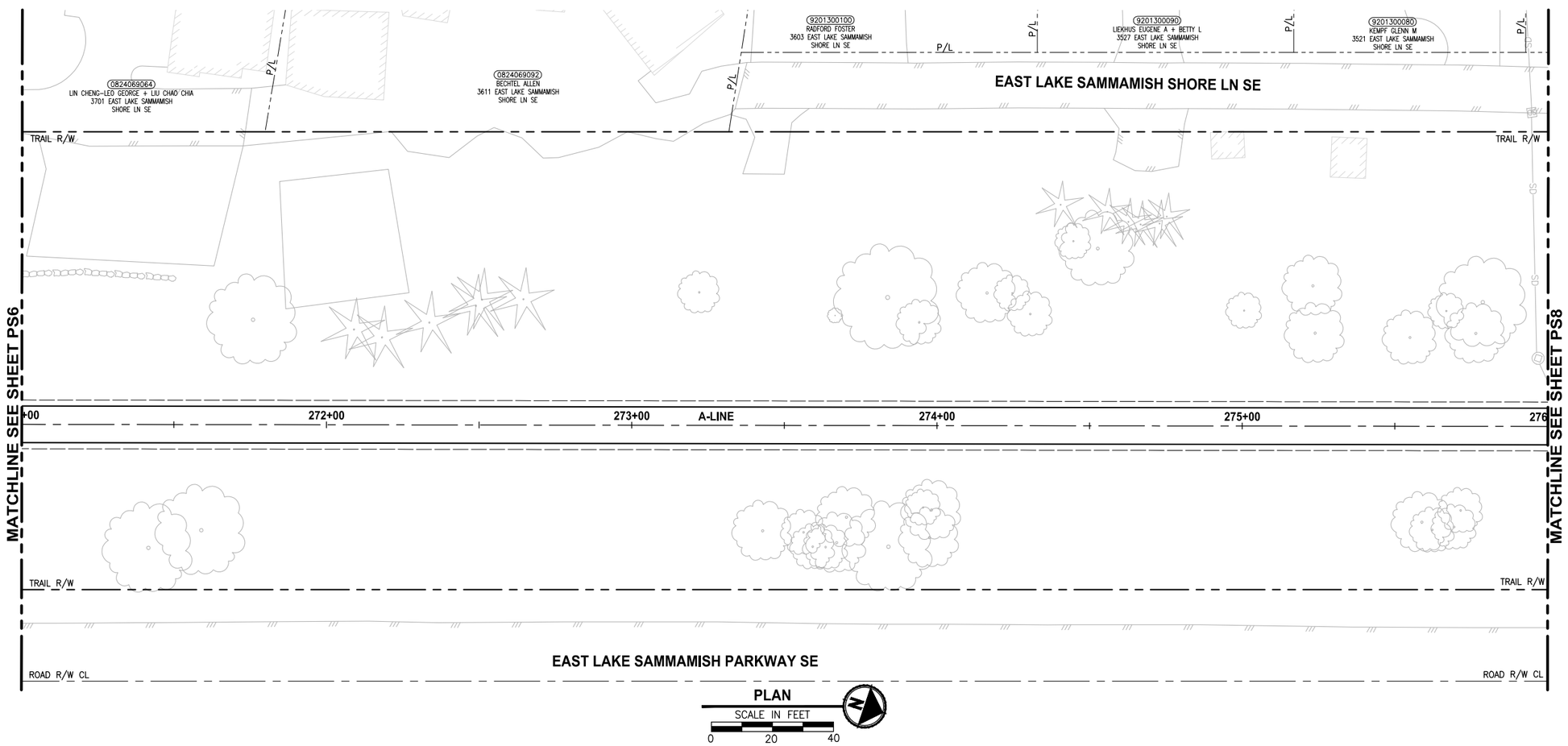

PLAN

SCALE IN FEET

0 20 40

PAVEMENT MARKING AND SIGNING CONSTRUCTION NOTES:

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

PAVEMENT MARKING AND SIGNING PLAN

SHEET NO. 61 OF 79

PS7

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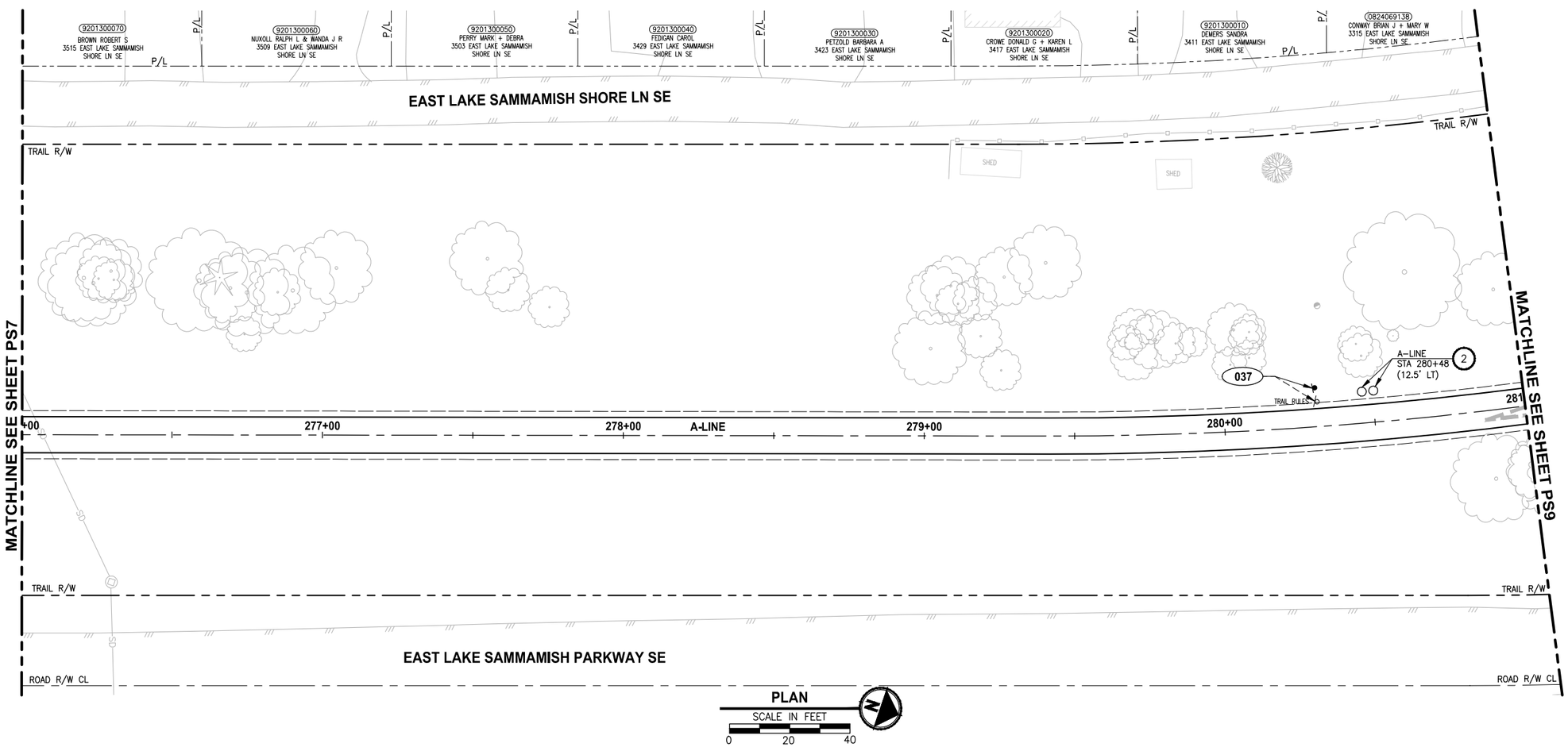

PLAN

SCALE IN FEET

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PROJECT NAME
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SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

PAVEMENT MARKING AND SIGNING PLAN

SHEET NO. 62 OF 79

PS8

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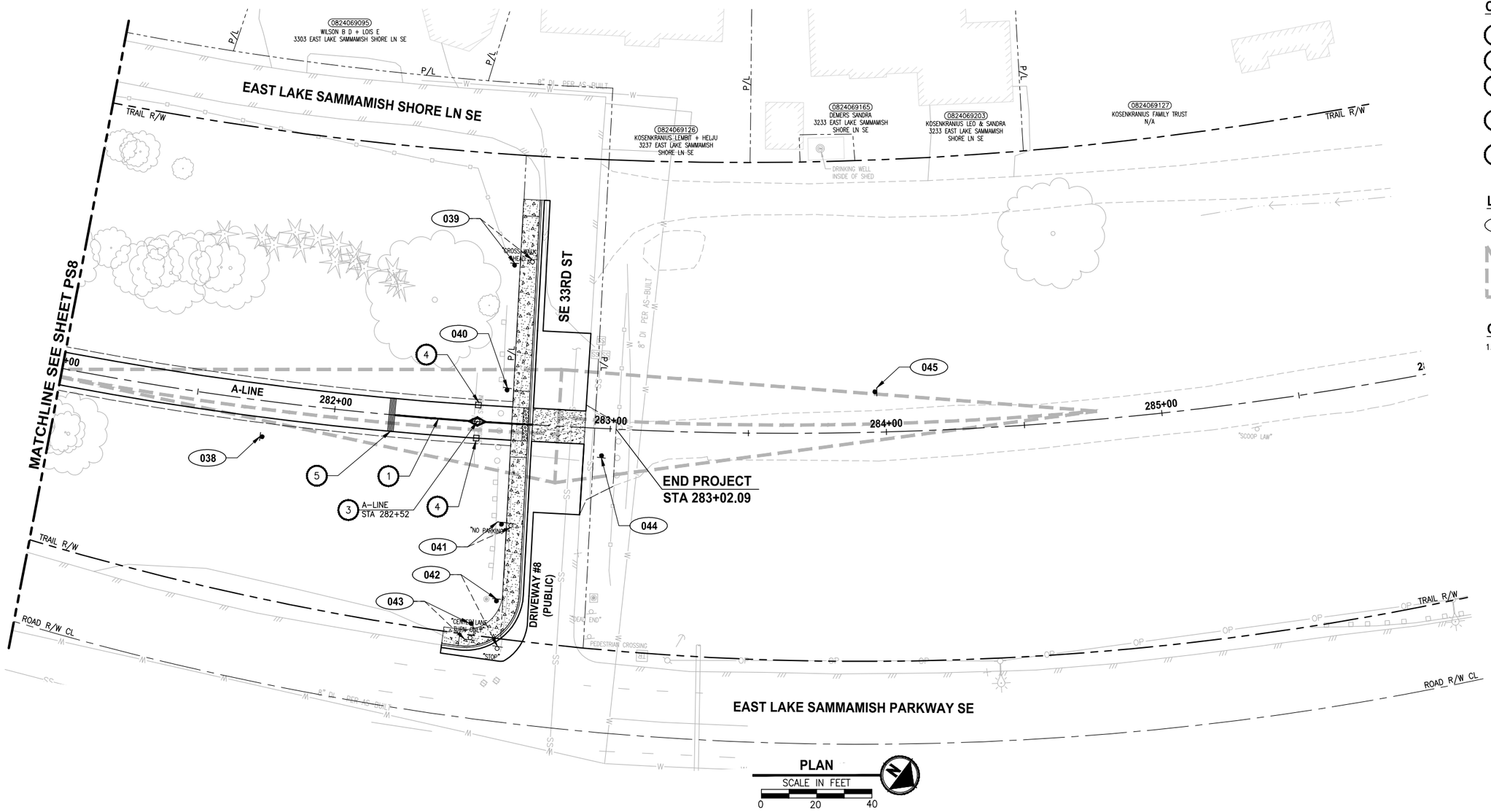
SEC'S 8, 17 TWP. 24 N., RGE. 06 E, W.M.



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DATE DECEMBER 2014

PRELIMINARY
TAMMIE Y. HO STATE OF WASHINGTON 40829 REGISTERED PROFESSIONAL ENGINEER

Parametrix
ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

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

PAVEMENT MARKING AND SIGNING PLAN

SHEET NO. 63 OF 79
PS9

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Sves\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgobut DATE: Thursday, December 18, 2014 12:58:34 PM LAYOUT: PS9

SIGN SCHEDULE

SIGN NUMBER	LOCATION		DESCRIPTION	MUTCD SIGN	SIGN SIZE	POST SIZE/TYPE	REMARK
	STATION	OFFSET					
001	217+12	12.5' RT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	NEW SIGN AND POST
002	217+75	11' LT	STOP	R1-1	30" X 30"	4"X 4", WOOD	NEW SIGN AND POST
003	218+02	11' RT	STOP	R1-1	30" X 30"	4"X 4", WOOD	NEW SIGN AND POST
004	218+94	9.5' LT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	NEW SIGN AND POST
005	220+17	13' RT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	RELOCATE EXISTING SIGN AND POST
006	220+55	11' RT	NO PARKING	R7-102	12" X 18"	4"X 4", WOOD	RELOCATE EXISTING SIGN, NEW POST
007	220+58	11.5 LT	STOP	R1-1	30" X 30"	4"X 4", WOOD	RELOCATE EXISTING SIGN AND POST
008	220+87	15.5' RT	STOP	R1-1	30" X 30"	4"X 4", WOOD	RELOCATE EXISTING SIGN, NEW POST
009	221+29	13' LT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	RELOCATE EXISTING SIGN AND POST
011	233+83	13' RT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	RELOCATE EXISTING SIGN AND POST
012	234+08	12.5' LT	STOP	R1-1	30" X 30"	4"X 4", WOOD	RELOCATE EXISTING SIGN AND POST
013	234+72	16.5' RT	STOP	R1-1	30" X 30"	4"X 4", WOOD	RELOCATE EXISTING SIGN AND POST
014	235+05	10' LT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	RELOCATE EXISTING SIGN AND POST
017	238+30	12.5' RT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	NEW SIGN AND POST
018	238+76	12' LT	STOP	R1-1	30" X 30"	4"X 4", WOOD	NEW SIGN AND POST
019	239+17	12.5' RT	STOP	R1-1	30" X 30"	4"X 4", WOOD	NEW SIGN AND POST
020	240+21	13' LT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	NEW SIGN AND POST
021	240+85	13' RT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	RELOCATE EXISTING SIGN AND POST
022	241+31	12' LT	STOP	R1-1	30" X 30"	4"X 4", WOOD	NEW SIGN AND POST
023	241+65	12' RT	STOP	R1-1	30" X 30"	4"X 4", WOOD	NEW SIGN AND POST
024	242+14	13' LT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	RELOCATE EXISTING SIGN AND POST
026	243+40	12.5' RT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	RELOCATE EXISTING SIGN AND POST
027	243+85	12' LT	STOP	R1-1	30" X 30"	4"X 4", WOOD	NEW SIGN AND POST
028	244+25	12' RT	STOP	R1-1	30" X 30"	4"X 4", WOOD	NEW SIGN AND POST
029	244+78	12' LT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	RELOCATE EXISTING SIGN AND POST
030	259+06	12.5' LT	ELST TRAIL RULES	CUSTOM	N/A	4"X 4", WOOD	RELOCATE EXISTING SIGN AND POST
031	260+81	12' LT	NO PARKING	R7-102	12" X 18"	4"X 4", WOOD	RELOCATE EXISTING SIGN, NEW POST
032	260+81	13' RT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	RELOCATE EXISTING SIGN AND POST
033	261+14	11' LT	NO PARKING	R7-102	12" X 18"	4"X 4", WOOD	RELOCATE EXISTING SIGN, NEW POST
034	261+27	12.5' LT	STOP	R1-1	30" X 30"	4"X 4", WOOD	NEW SIGN AND POST
035	261+57	12' RT	STOP	R1-1	30" X 30"	4"X 4", WOOD	NEW SIGN AND POST
036	262+19	13' LT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	RELOCATE EXISTING SIGN AND POST
037	280+31	13' LT	ELST TRAIL RULES	CUSTOM	N/A	4"X 4", WOOD	RELOCATE EXISTING SIGN AND POST
038	281+75	13' RT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	NEW SIGN AND POST
039	282+62	57' LT	PEDESTRIAN CROSSING BIKE CROSSING	W11-2/W11-1	24" X 24"	4"X 4", WOOD	RELOCATE EXISTING SIGN AND POST
040	282+62	12' RT	STOP	R1-1	30" X 30"	4"X 4", WOOD	NEW SIGN AND POST
041	282+63	36.5' RT	TRAIL RULES NO PARKING	CUSTOM	N/A	4"X 4", WOOD	RELOCATE EXISTING SIGN AND POST
042	282+62	64.5' RT	STOP & STREET SIGNS	R1-1	30" X 30"	4"X 4", WOOD	RELOCATE EXISTING SIGN AND POST
043	282+54	73' RT	CENTER LANE TURN ONLY	R3-9B	24" X 36"	4"X 4", WOOD	RELOCATE EXISTING SIGN AND POST
044	282+97	10' RT	STOP	R1-1	30" X 30"	4"X 4", WOOD	NEW SIGN AND POST
045	283+96	15' LT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	NEW SIGN AND POST

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL15210075P20T03PS-10
JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

PRELIMINARY
YAMMIE Y. HO
STATE OF WASHINGTON
40829
REGISTERED PROFESSIONAL ENGINEER

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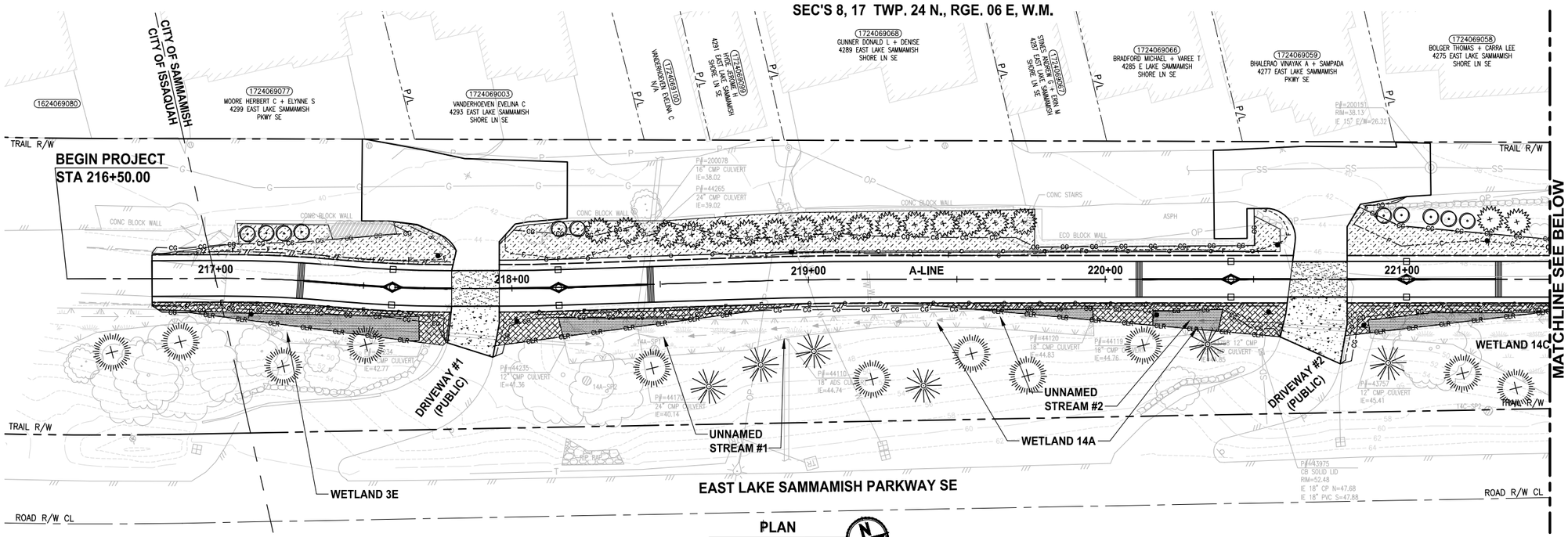
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

SIGN SCHEDULE

LAYOUT: PS10 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purganan DATE: Thursday, December 18, 2014 12:56:46 PM



PLAN

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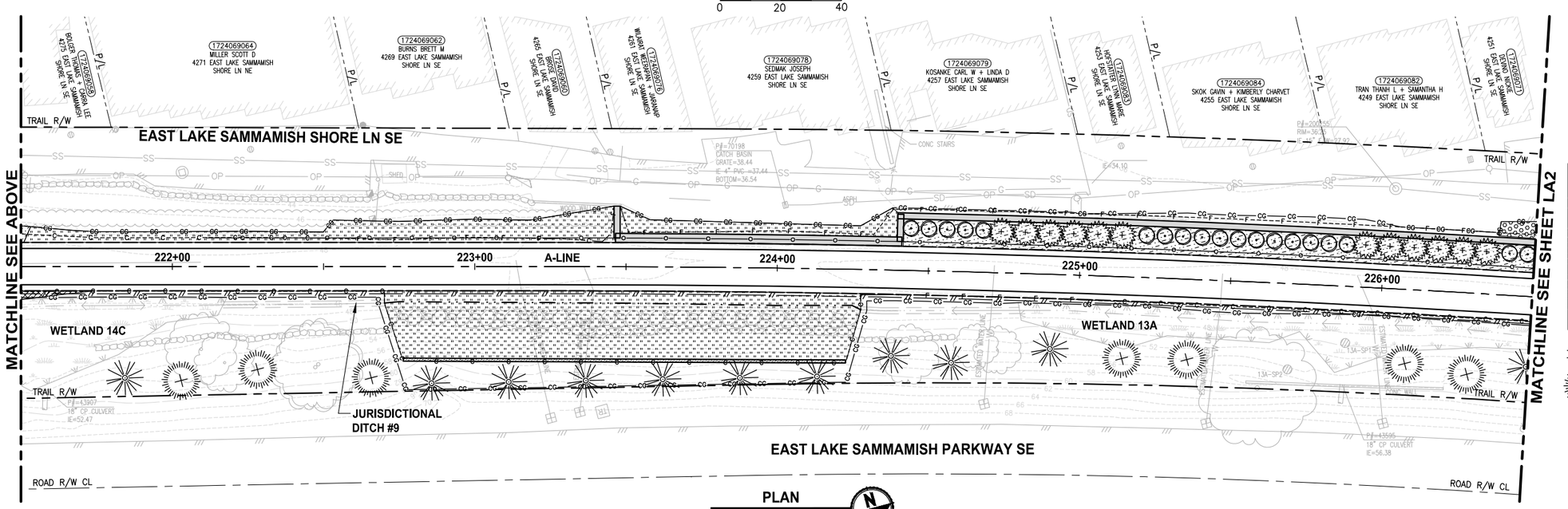

PLAN

SCALE IN FEET 0 20 40

LANDSCAPE CONSTRUCTION NOTES:

1. MITIGATION CLEARING AND GRUBBING. CLEAR GRUB ROOTS, REMOVE AND DISPOSE OF ALL UNWANTED VEGETATION IN ALL PLANTING AREAS. LEAVE SOIL IN PLACE.
2. 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.
3. TILLING. LOOSEN SOIL IN PLANTING AREA BY RIPPING OR TILLING TO A DEPTH OF 18". HAND TILL ONLY WITHIN THE DRIPLINE OF EXISTING TREES.
4. SOIL AMENDMENT. PLACE 3" SOIL AMENDMENT AND TILL INTO SOIL TO A DEPTH OF 10" IN ALL PLANTING AREAS. SEE DETAIL 6 ON SHEET LD1.
5. WOOD CHIP MULCH. PLACE 3" LAYER WOOD CHIP MULCH OVER THE ENTIRE SURFACE OF ALL PLANTING AREAS.
6. KNOTWEED CONTROL HERBICIDE TREATMENT IN THIS AREA. SEE SPECIFICATIONS FOR METHODS AND ADDITIONAL REQUIREMENTS.

GENERAL NOTES:

1. SEE SHEET LD1 FOR ADDITIONAL PLANTING NOTES, DETAILS AND REQUIREMENTS. SEE SHEET LD2 FOR MITIGATION AREA REQUIREMENTS.
2. USE ONLY HAND TOOLS AND METHODS WHEN WORKING INSIDE THE DRIPLINE AREA OF EXISTING TREES AND SHRUBS.
8. CONTRACTOR SHALL SETBACK PLANTINGS FROM OTHER OBJECTS AS PROVIDED IN THE PLANT MATERIAL SETBACK CHART ON SHEET LD1.

LEGEND:

- HABITAT LOG. SEE DETAIL ON SHEET LD1.
- BRUSH PILE. SEE DETAIL ON SHEET LD1.
- SIGHT DISTANCE LOW SHRUBS PLANTING AREA (3) (4) (5)
- SHRUB PLANTING AREA (3) (4) (5)
- LAWN PLANTING AREA (3) (4)
- RESTORATION SEEDING
- STREAM BUFFER ENHANCEMENT MITIGATION AREA (1) (2) (3) (4) (5)
- WET NATIVE SEEDING

PLANTING QUANTITY TAB - THIS SHEET ONLY -

SYMBOL	ITEM	QUANTITY BY AREA			
SIGHT DISTANCE PLANTING AREAS		L1 804 SF	L2 1,431 SF	L3 633 SF	L4 9,171 SF
	LOW SHRUBS 2' O.C.				
	SAND STRAWBERRY	30	53	23	169
	SALAL	59	106	47	339
	CREEPING MAHONIA	37	66	29	339
	SWORD FERN	22	40	18	0
	SHRUB PLANTING AREA	SEE SHEET LA2			

TREES AND SHRUBS	
WAX MYRTLE	30
DOUGLAS FIR	18
WESTERN RED CEDAR	18
'EXCELSA' RED CEDAR	30

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED J. SWENSON
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

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JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

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

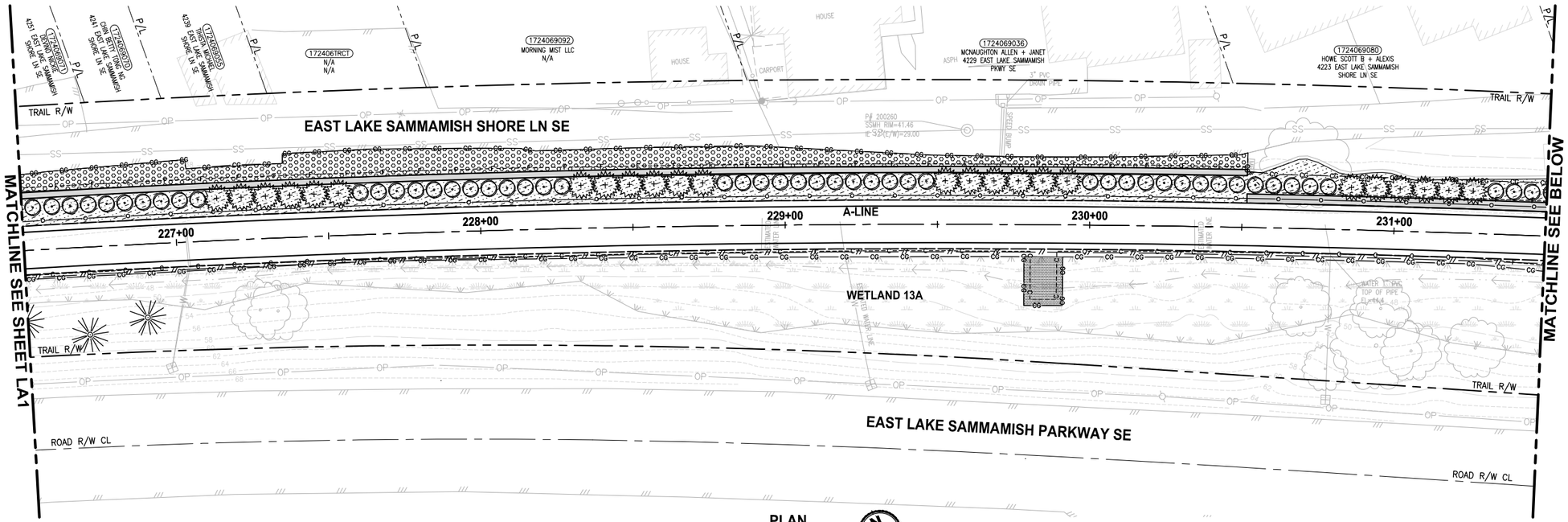
LANDSCAPE PLAN

SHEET NO. 65 OF 79

LA1

PATH: U:\PSO\Projects\Clients\521-KingCo\554-1521-075-ELST\995vcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purganbut DATE: Thursday, December 18, 2014 12:59:33 PM LAYOUT: LA1

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



PLAN

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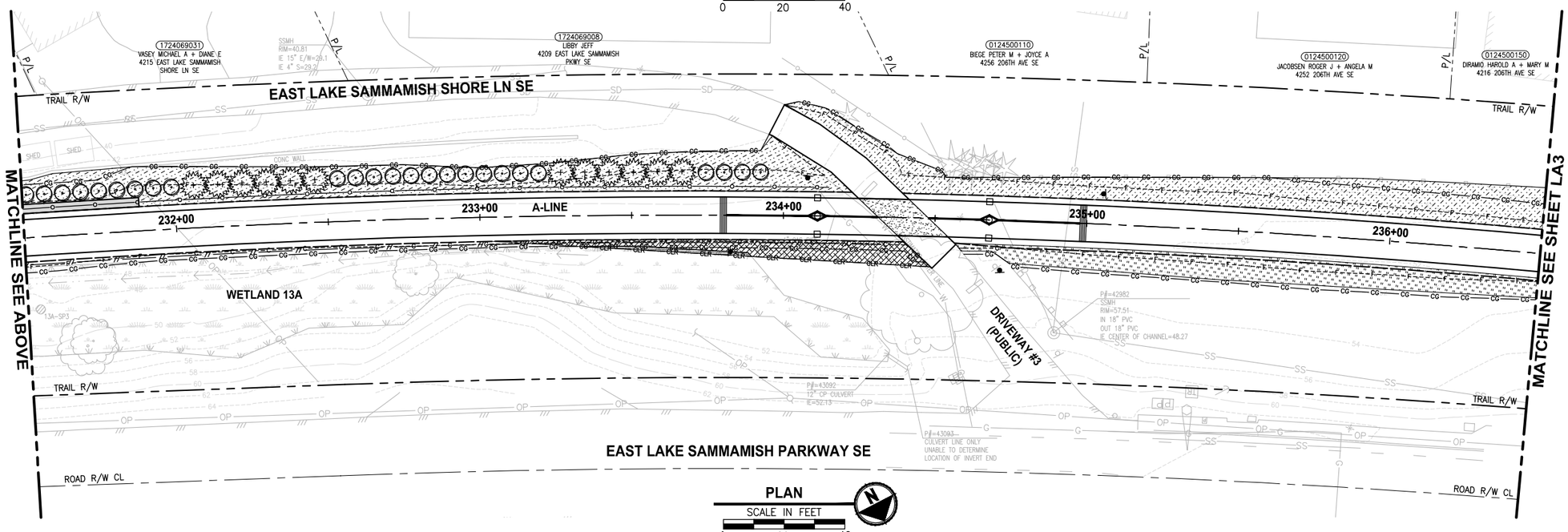

PLAN

SCALE IN FEET 0 20 40

LANDSCAPE CONSTRUCTION NOTES:

1. MITIGATION CLEARING AND GRUBBING. CLEAR GRUB ROOTS, REMOVE AND DISPOSE OF ALL UNWANTED VEGETATION IN ALL PLANTING AREAS. LEAVE SOIL IN PLACE.
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GENERAL NOTES:

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LEGEND:

- HABITAT LOG. SEE DETAIL ON SHEET LD1.
- BRUSH PILE. SEE DETAIL ON SHEET LD1.
- SIGHT DISTANCE LOW SHRUBS PLANTING AREA (3) (4) (5)
- SHRUB PLANTING AREA (3) (4) (5)
- LAWN PLANTING AREA (3) (4)
- RESTORATION SEEDING
- STREAM BUFFER ENHANCEMENT MITIGATION AREA (1) (2) (3) (4) (5)
- WET NATIVE SEEDING

PLANTING QUANTITY TAB - THIS SHEET ONLY -

SYMBOL	ITEM	QUANTITY BY AREA	
	SIGHT DISTANCE PLANTING AREAS	L4 9,171 SF	L5 4,134 SF
	LOW SHRUBS 2' O.C.		
	SAND STRAWBERRY	SEE SHEET LA1	153
	SALAL		306
	CREEPING MAHONIA		191
	SWORD FERN		115
	SHRUB PLANTING AREA	D1 2,525 SF	
	LOW SHRUBS 2' O.C.		
	DWF STRAWBERRY TREE	29	
	KINNIKINNICK	233	
	TALL OREGON GRAPE	46	
	TREES AND SHRUBS		
	WAX MYRTLE	76	
	DOUGLAS FIR	3	
	WESTERN RED CEDAR	0	
	'EXCELSA' RED CEDAR	36	

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL

NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED J. SWENSON
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

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EAST LAKE SAMMAMISH
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SAMMAMISH, WA

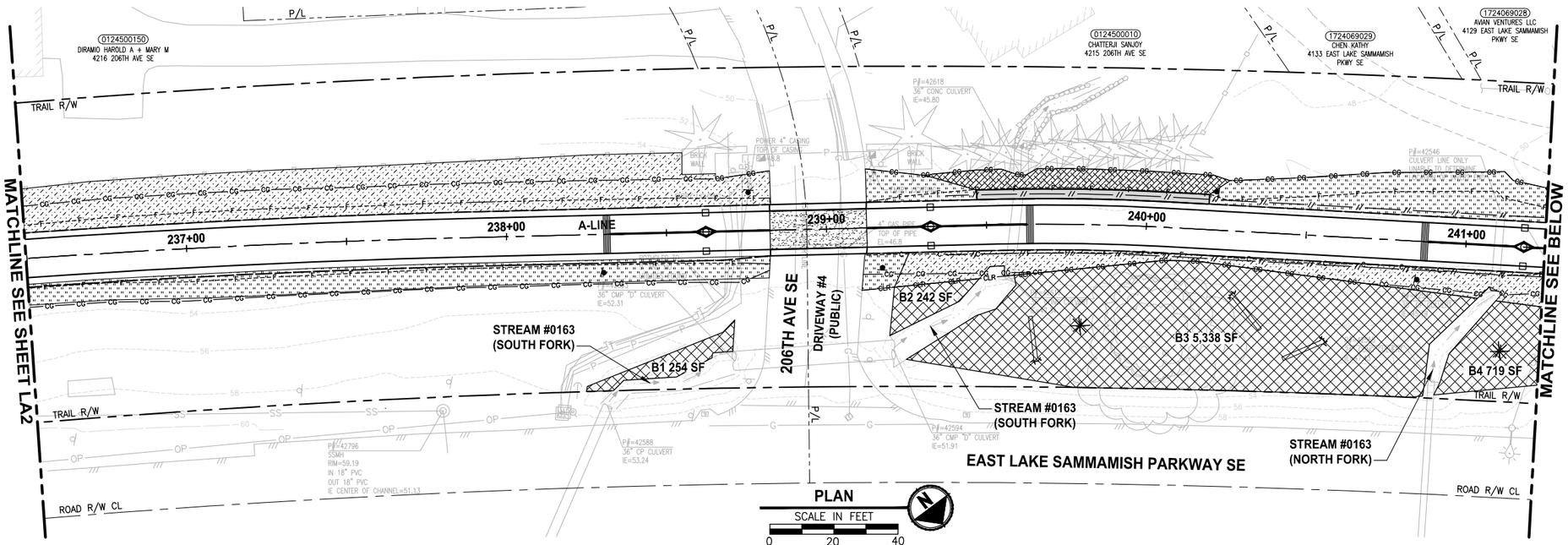
LANDSCAPE PLAN

SHEET NO. 66 OF 79

LA2

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995ves\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 12:59:51 PM LAYOUT: LA2

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



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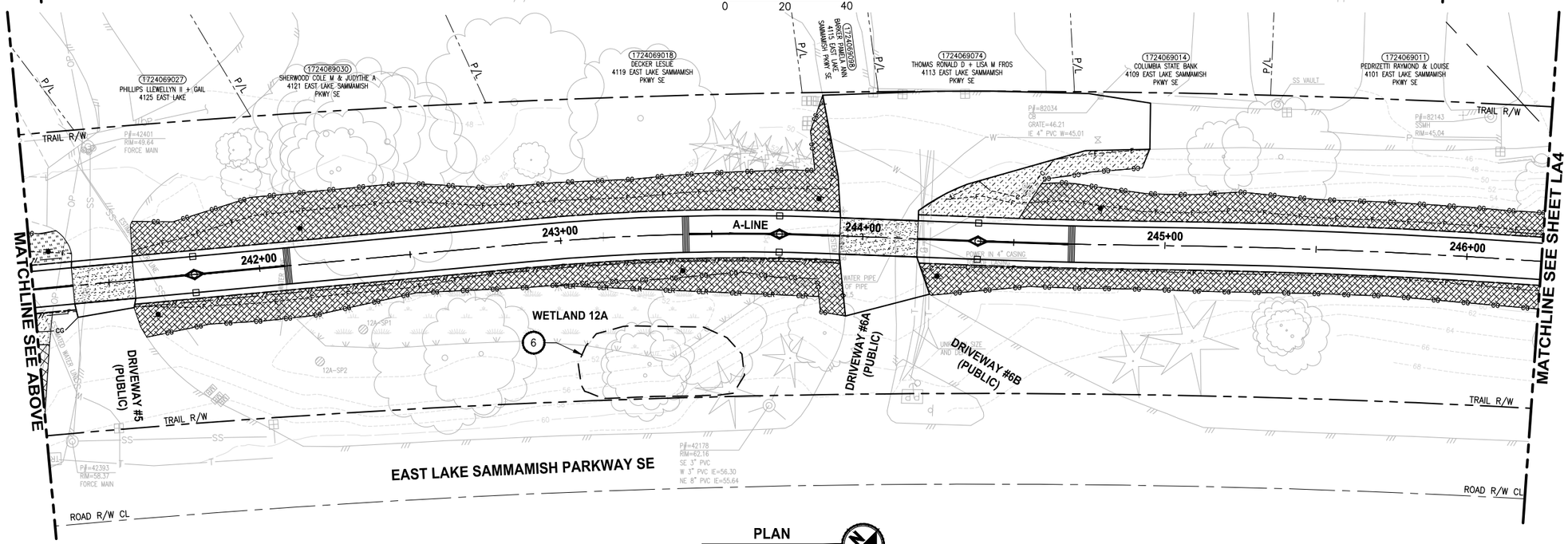

PLAN
SCALE IN FEET 0 20 40

LANDSCAPE CONSTRUCTION NOTES:

1. MITIGATION CLEARING AND GRUBBING. CLEAR GRUB ROOTS, REMOVE AND DISPOSE OF ALL UNWANTED VEGETATION IN ALL PLANTING AREAS. LEAVE SOIL IN PLACE.
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GENERAL NOTES:

1. SEE SHEET LD1 FOR ADDITIONAL PLANTING NOTES, DETAILS AND REQUIREMENTS. SEE SHEET LD2 FOR MITIGATION AREA REQUIREMENTS.
2. USE ONLY HAND TOOLS AND METHODS WHEN WORKING INSIDE THE DRIPLINE AREA OF EXISTING TREES AND SHRUBS.
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LEGEND:

- HABITAT LOG. SEE DETAIL ON SHEET LD1.
- BRUSH PILE. SEE DETAIL ON SHEET LD1.
- SIGHT DISTANCE LOW SHRUBS PLANTING AREA (3) (4) (5)
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- WET NATIVE SEEDING

PLANTING QUANTITY TAB - THIS SHEET ONLY -

SYMBOL	ITEM	QUANTITY BY AREA B1 254 SF	B2 242 SF	B3 5,338 SF	B4 719 SF
	STREAM BUFFER ENHANCEMENT MITIGATION AREA				
	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
	SCOULERS 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

SIGHT DISTANCE PLANTING AREAS		L5 4,134 SF	L6 1,278 SF	L7 644 SF
	LOW SHRUBS 2' O.C.			
	SAND STRAWBERRY	SEE SHEET LA1	47	24
	SALAL		94	48
	CREEPING MAHONIA		59	30
	SWORD FERN		35	18

CITY OF SAMMAMISH APPROVAL

City Engineer — Date

Community Development — Date

90 % REVIEW SUBMITTAL
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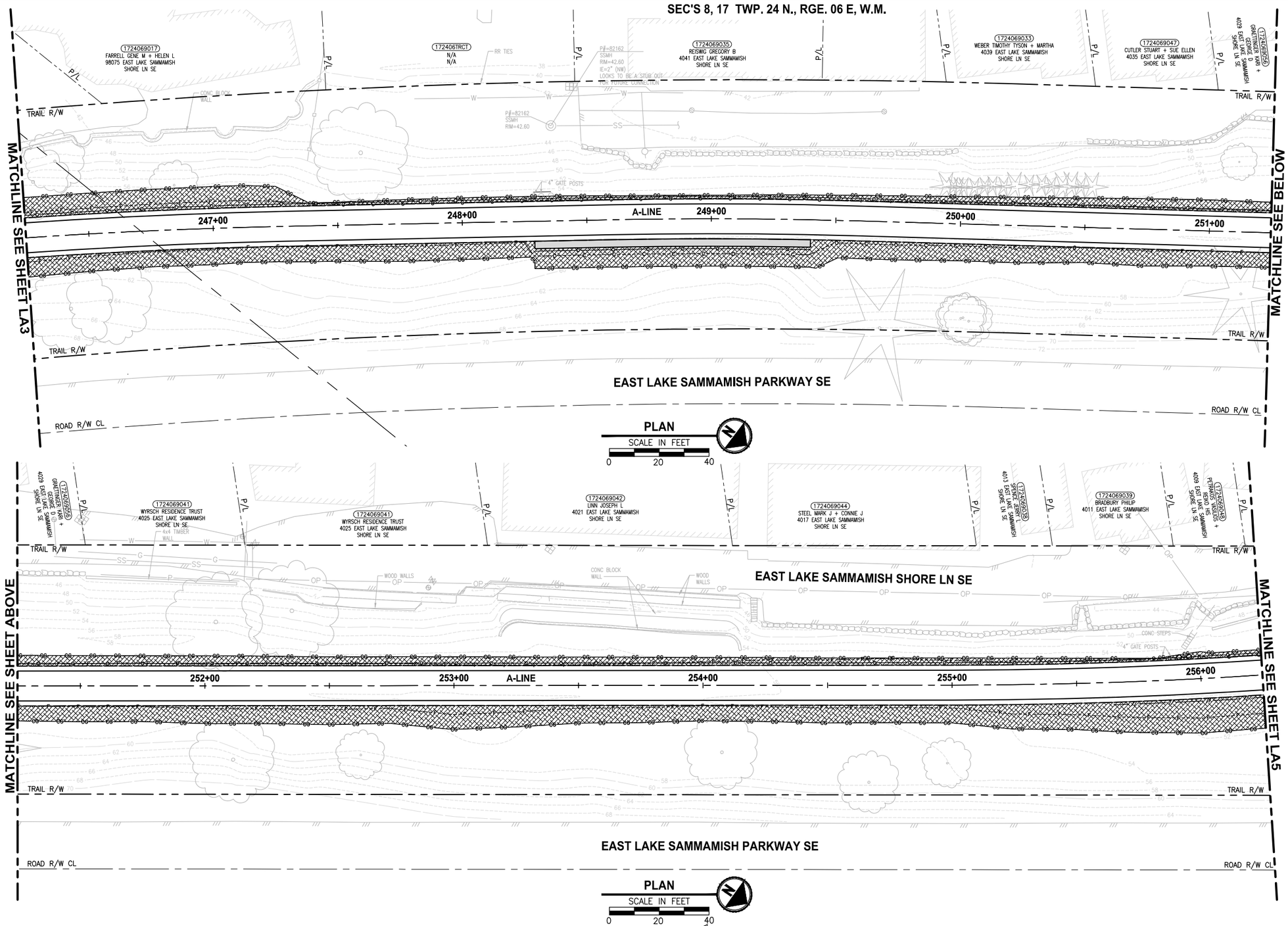
SAMMAMISH, WA

LANDSCAPE PLAN

SHEET NO. 67 OF 79

LA3

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995vca\CADD\Phase 20\Task 03\DWG\
PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 1:00:06 PM
LAYOUT: LA3



LANDSCAPE CONSTRUCTION NOTES:

1. MITIGATION CLEARING AND GRUBBING. CLEAR GRUB ROOTS, REMOVE AND DISPOSE OF ALL UNWANTED VEGETATION IN ALL PLANTING AREAS. LEAVE SOIL IN PLACE.
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FILE NAME BL1521075P20T03LA-01
JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

PRELIMINARY
YAMMIE Y. HO · STATE OF WASHINGTON · 40829 · REGISTERED PROFESSIONAL ENGINEER

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

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

LANDSCAPE PLAN

SHEET NO. 68 OF 79
LA4

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\
PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 1:00:20 PM
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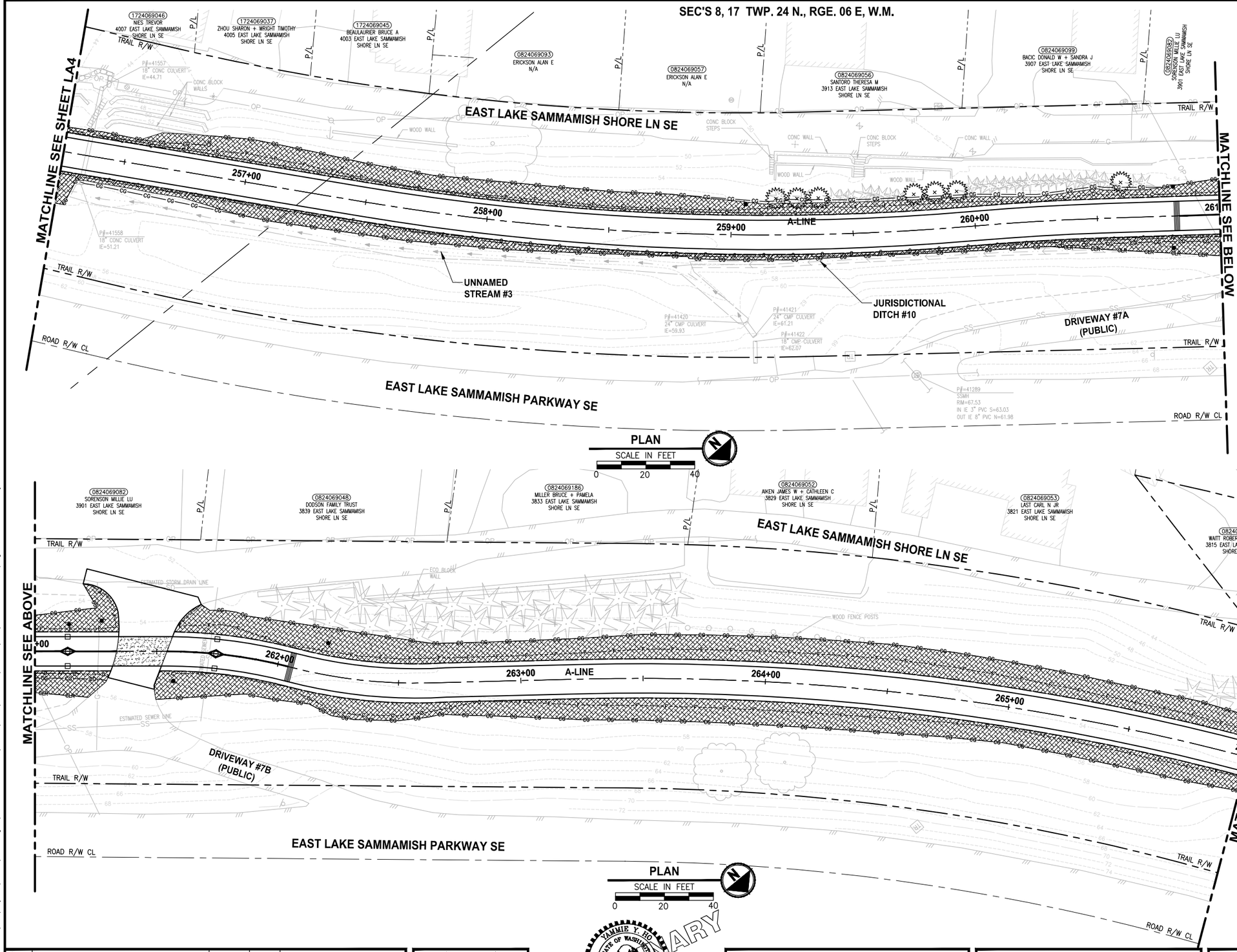

LANDSCAPE CONSTRUCTION NOTES:

1. MITIGATION CLEARING AND GRUBBING. CLEAR GRUB ROOTS, REMOVE AND DISPOSE OF ALL UNWANTED VEGETATION IN ALL PLANTING AREAS. LEAVE SOIL IN PLACE.
2. 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.
3. TILLING. LOOSEN SOIL IN PLANTING AREA BY RIPPING OR TILLING TO A DEPTH OF 18". HAND TILL ONLY WITHIN THE DRIPLINE OF EXISTING TREES.
4. SOIL AMENDMENT. PLACE 3" SOIL AMENDMENT AND TILL INTO SOIL TO A DEPTH OF 10" IN ALL PLANTING AREAS. SEE DETAIL 6 ON SHEET LD1.
5. WOOD CHIP MULCH. PLACE 3" LAYER WOOD CHIP MULCH OVER THE ENTIRE SURFACE OF ALL PLANTING AREAS.
6. KNOTWEED CONTROL HERBICIDE TREATMENT IN THIS AREA. SEE SPECIFICATIONS FOR METHODS AND ADDITIONAL REQUIREMENTS.

GENERAL NOTES:

1. SEE SHEET LD1 FOR ADDITIONAL PLANTING NOTES, DETAILS AND REQUIREMENTS. SEE SHEET LD2 FOR MITIGATION AREA REQUIREMENTS.
2. USE ONLY HAND TOOLS AND METHODS WHEN WORKING INSIDE THE DRIPLINE AREA OF EXISTING TREES AND SHRUBS.
8. CONTRACTOR SHALL SETBACK PLANTINGS FROM OTHER OBJECTS AS PROVIDED IN THE PLANT MATERIAL SETBACK CHART ON SHEET LD1.

LEGEND:

- HABITAT LOG. SEE DETAIL ON SHEET LD1.
- BRUSH PILE. SEE DETAIL ON SHEET LD1.
- SIGHT DISTANCE LOW SHRUBS PLANTING AREA (3) (4) (5)
- SHRUB PLANTING AREA (3) (4) (5)
- LAWN PLANTING AREA (3) (4)
- RESTORATION SEEDING
- STREAM BUFFER ENHANCEMENT MITIGATION AREA (1) (2) (3) (4) (5)
- WET NATIVE SEEDING

PLANTING QUANTITY TAB - THIS SHEET ONLY -

SYMBOL	ITEM	QUANTITY
TREES		
	'EXCELSA' RED CEDAR	7

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED J. SWENSON
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

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

LANDSCAPE PLAN

SHEET NO. 69 OF 79
LA5

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995vcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 1:00:36 PM LAYOUT: LA5

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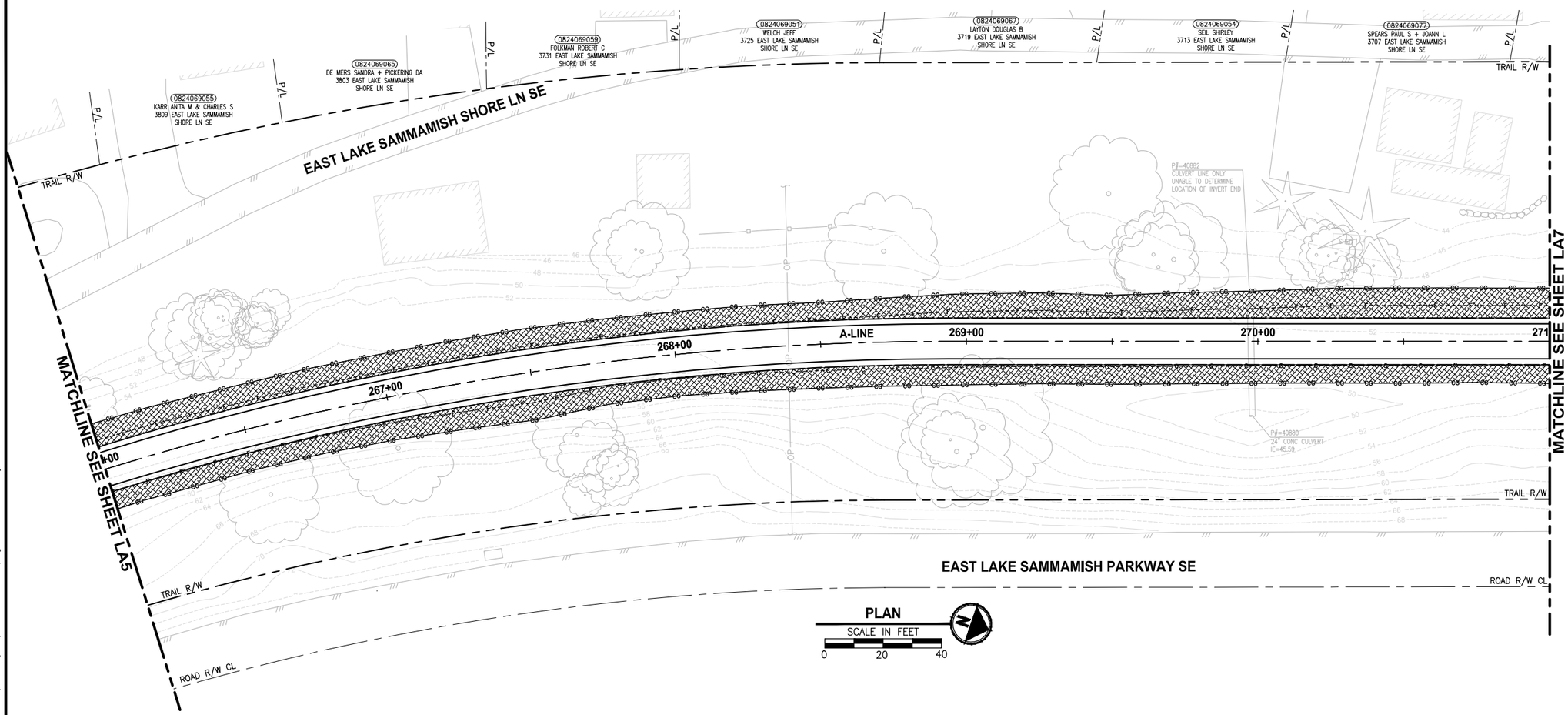

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CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

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DRAWN B. PURGANAN
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PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

LANDSCAPE PLAN

SHEET NO. 70 OF 79
LA6

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 1:00:50 PM
LAYOUT: LA6

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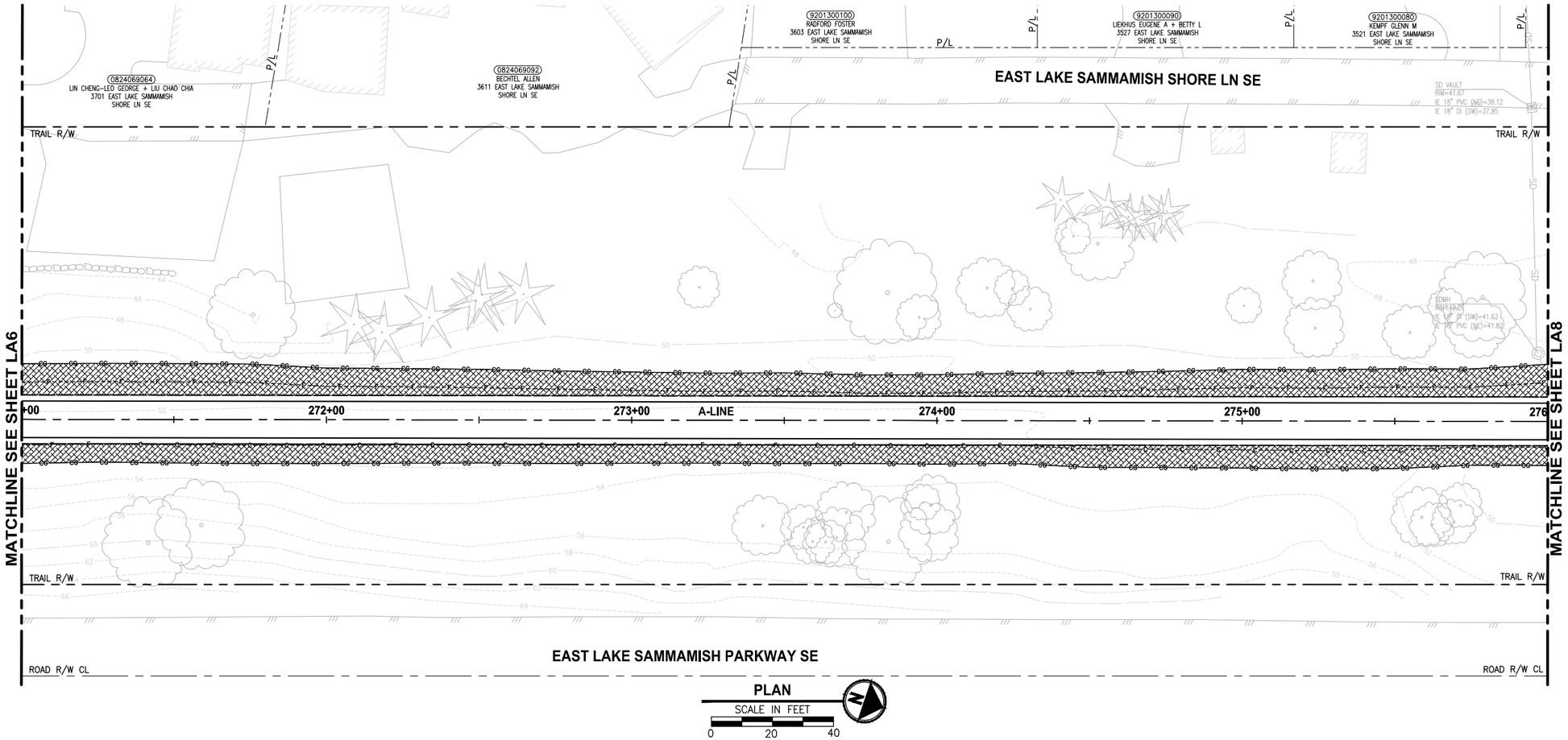

PLAN

SCALE IN FEET

0 20 40

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CITY OF SAMMAMISH APPROVAL	
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YAMMIE Y. HO
STATE OF WASHINGTON
40828
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Parametrix
ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
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PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

LANDSCAPE PLAN

SHEET NO. 71 OF 79

LA7

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\
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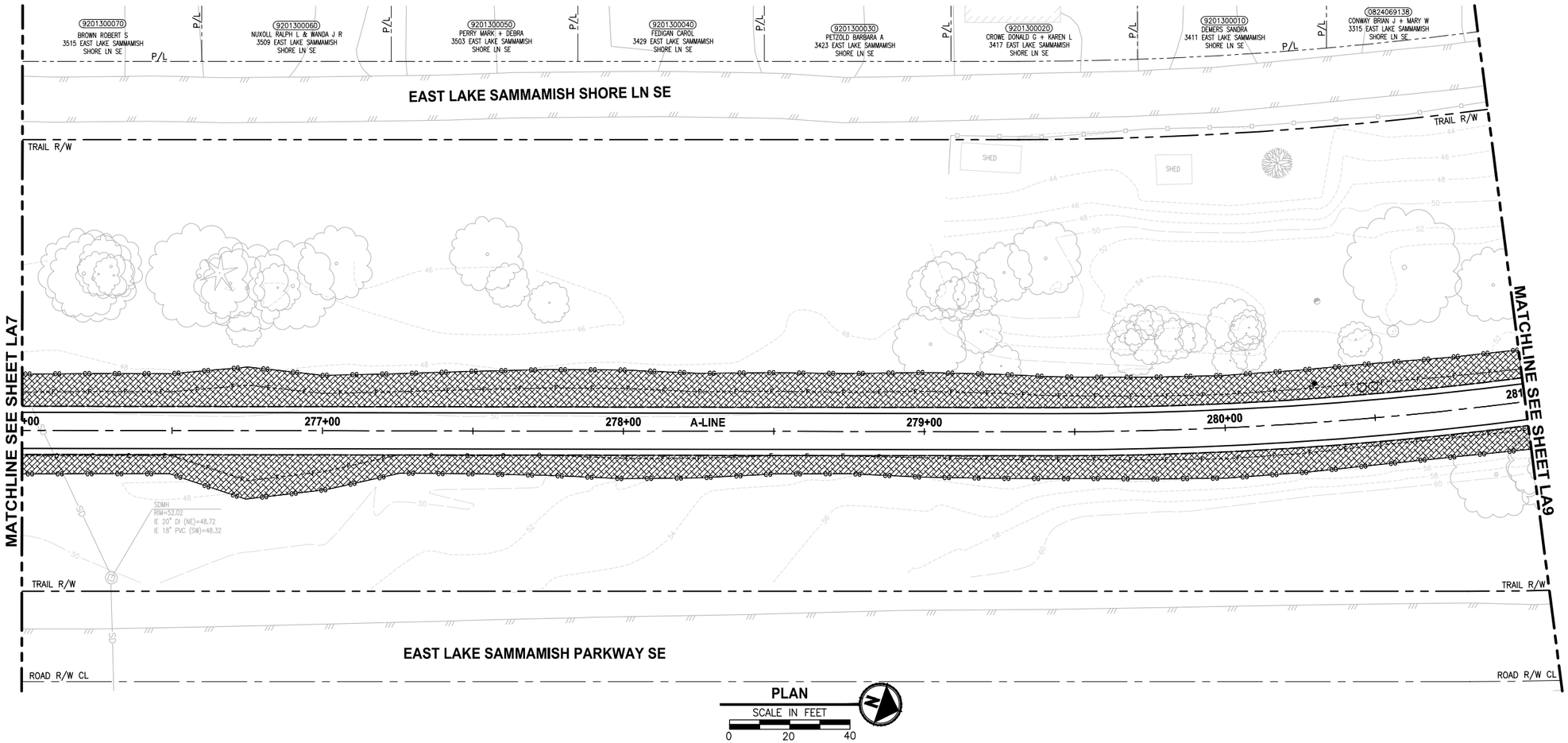

PLAN

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

LANDSCAPE PLAN

SHEET NO. 72 OF 79

LA8

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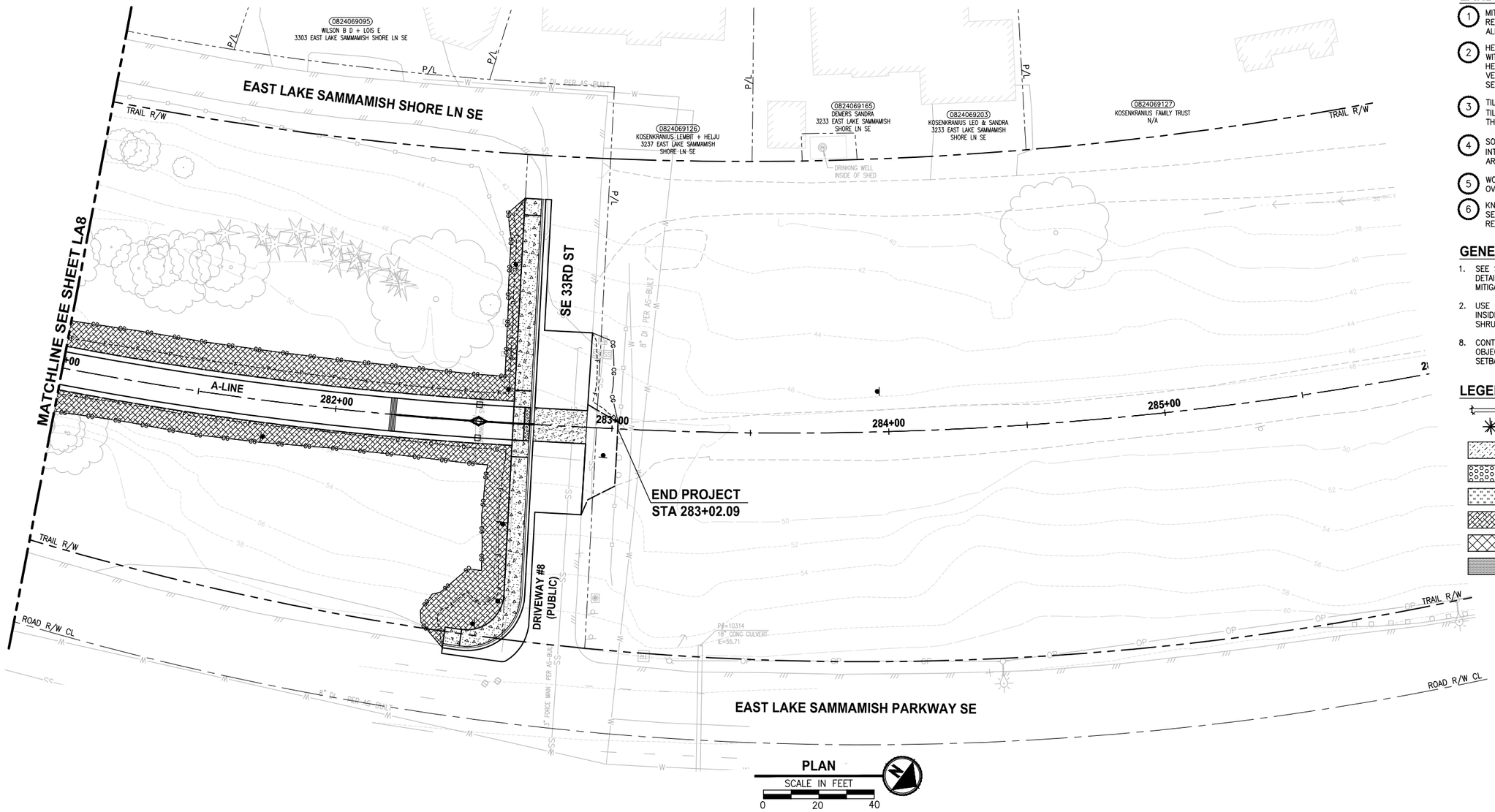

PLAN

SCALE IN FEET

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CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
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PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

LANDSCAPE PLAN

SHEET NO. 73 OF 79

LA9

LAYOUT: LA9 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995\ves\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 1:01:20 PM

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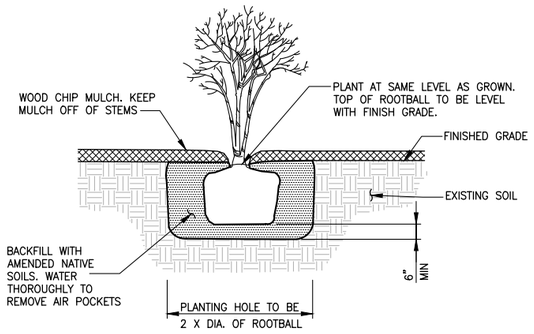

SHRUB AND SMALL TREE PLANTING
DETAIL 1
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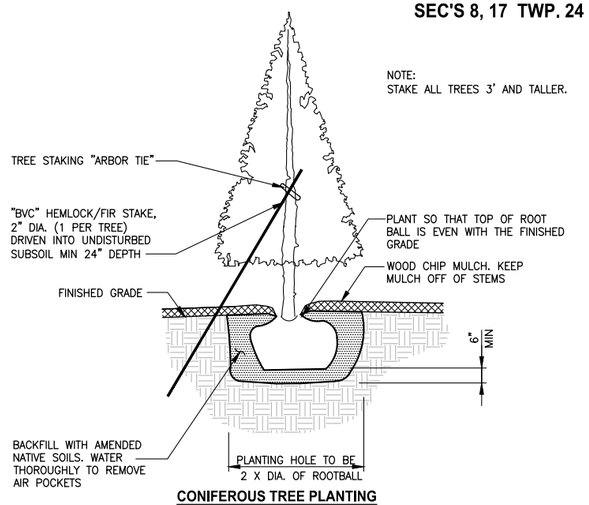

CONIFEROUS TREE PLANTING
DETAIL 2
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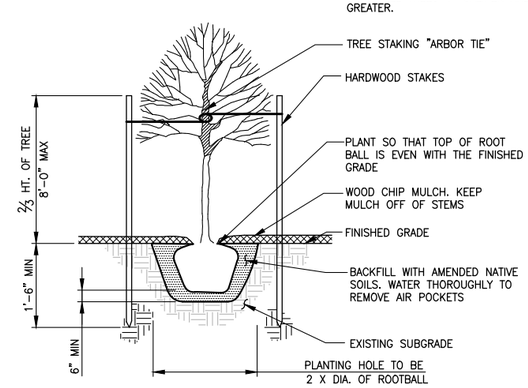
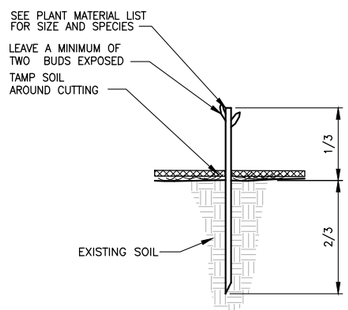


DECIDUOUS TREE PLANTING DETAIL
DETAIL 3
NO SCALE

PLANTING NOTES:

1. 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.
2. 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.
3. MITIGATION PLANTING PLANS REPRESENT A CONCEPTUAL PLANT LAYOUT. FINAL PLANT LOCATIONS SHALL BE APPROVED BY PROJECT REPRESENTATIVE PRIOR TO PLANTING. COORDINATE DATA WILL BE PROVIDED ELECTRONICALLY FOR LOCATION OF PLANTING AREA BOUNDARIES.
4. ALL PLANTS SHALL BE NURSERY GROWN A MINIMUM OF ONE YEAR. PLANT MATERIAL IS TO BE SUPPLIED BY COMMERCIAL NURSERIES. PLANT SUBSTITUTIONS ARE SUBJECT TO APPROVAL BY PROJECT REPRESENTATIVE.
5. 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.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS AND EXCESS SOIL OCCASIONED BY THIS PROJECT.
7. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO EXCAVATION.
8. ALL DIMENSIONS FOR LISTED HEIGHT, LENGTH AND CONTAINER SIZE ARE MINIMUM REQUIREMENTS.
9. EXISTING AREAS DISTURBED BY CONSTRUCTION ACTIVITIES AND NOT SHOWN TO BE RE-VEGETATED ON THESE PLANS SHALL BE RESTORED AND SEEDED.
10. DISCREPANCIES BETWEEN THE PLANS AND SITE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT REPRESENTATIVE PRIOR TO PROCEEDING WITH EFFECTED WORK.
11. SEE SP SHEETS FOR TEMPORARY EROSION CONTROL MEASURES.
12. 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.



LIVE STAKE INSTALLATION
DETAIL 4
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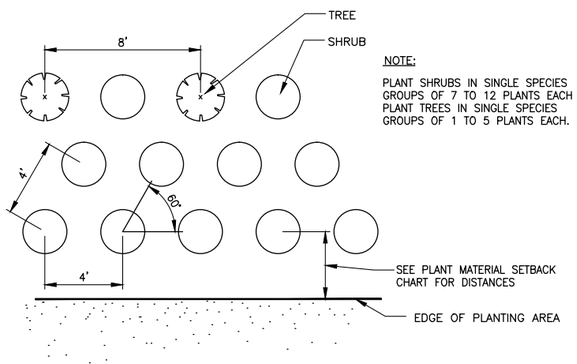
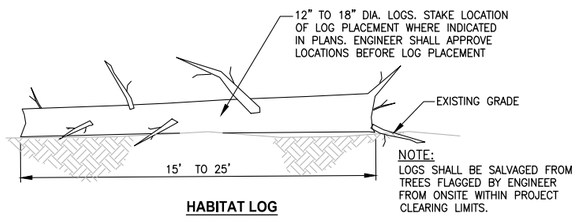


NOTE:
PLANT SHRUBS IN SINGLE SPECIES GROUPS OF 7 TO 12 PLANTS EACH PLANT TREES IN SINGLE SPECIES GROUPS OF 1 TO 5 PLANTS EACH.

TYPICAL TREE AND SHRUB SPACING
DETAIL 5
NO SCALE



NOTE:
LOGS SHALL BE SALVAGED FROM TREES FLAGGED BY ENGINEER FROM ONSITE WITHIN PROJECT CLEARING LIMITS.

HABITAT LOG
DETAIL 7
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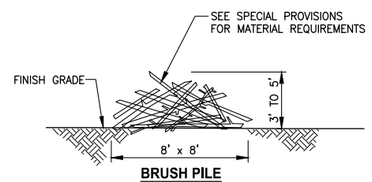

BRUSH PILE
DETAIL 8
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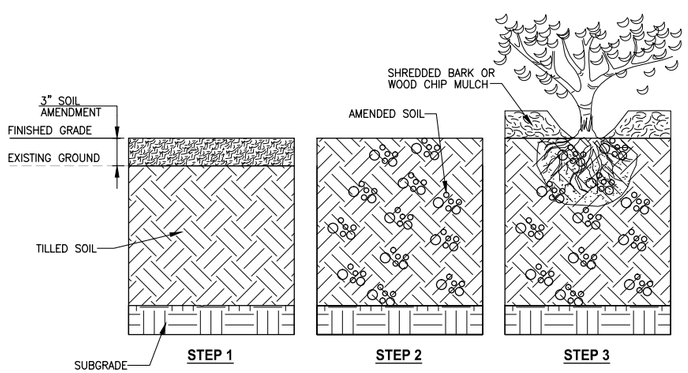


STEP 1
TILL, DISC OR RIP SOIL IN PLANTING AREAS TO 10" DEPTH. PLACE 3" OF SOIL AMENDMENT OVER SOIL SURFACE.

STEP 2
TILL SOIL AMENDMENT INTO TOP 10" OF ENTIRE PLANTING ZONES NATIVE SOIL AFTER CLEARING AND GRUBBING.

STEP 3
INSTALL PLANTS FOLLOWED BY 3" WOOD CHIP MULCH.

PLANTING AREA SOIL AMENDMENT-SEQUENCE OF WORK
DETAIL 6
NO SCALE

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.

MIITIGATION AREA PLANT MATERIAL LIST

QUANTITY	BOTANICAL NAME	COMMON NAME	MIN SIZE / CONDITION	NOTES/ SPACING
	TREES			
9	ACER MACROPHYLUM	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	SCOULERS WILLOW	1" CALIPER	
14	SALIX SITCHENSIS	SITKA WILLOW	1/2"x 3' LIVE STAKE	
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	SPACE PLANTS 4' O.C.
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	

TRAILSIDE RESTORATION PLANT MATERIAL LIST

QUANTITY	BOTANICAL NAME	COMMON NAME	MIN SIZE / CONDITION	NOTES/ SPACING
	TREES			
20	PSUEDOTSGA MENZIESII	DOUGLAS FIR	6' HT	AS SHOWN ON PLAN SHEETS
17	THUJA PLICATA	WESTERN RED CEDAR	6' HT	
73	THUJA PLICATA 'EXCELSA'	EXCELSA WESTERN RED CEDAR	6' HT	SPACE 6' TO 7' O.C.
	Shrubs			
29	ARBUTUS UNEDO 'COMPACTUS'	COMPACT STRAWBERRY TREE	36" HT/ #5 CONT	SPACE 5' O.C.
106	MYRICA CALIFORNICA	PACIFIC WAX MYRTLE	36" HT/ #5 CONT	SPACE 5' O.C.
46	MAHONIA AQUFOLIUM	TALL OREGON GRAPE	36" HT/ #5 CONT	SPACE 5' O.C.
	LOW SHRUBS AND GROUNDCOVER			
233	ARCTOSTAPHYLOS UVA-URSI	KINNIKINNICK	12" HT/ #1 CONT	SPACE 2.5' O.C.
499	FRAGARIA CHILOENSIS	SAND STRAWBERRY	12" HT/ #1 CONT	
998	GAULTHERIA SHALLON	SALAL	12" HT/ #1 CONT	
751	MAHONIA REPANS	CREEPING OREGON GRAPE	12" HT/ #1 CONT	
247	POLYSTICHUM MUTINUM	SWORD FERN	12" HT/ #1 CONT	

CITY OF SAMMAMISH APPROVAL

City Engineer — Date

Community Development — Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED J. SWENSON
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03LD-01
JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

PRELIMINARY
STATE OF WASHINGTON LICENSED LANDSCAPE ARCHITECT
JENS SWENSON
LICENSE NO. 656
EXPIRES ON

Parametrix
ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

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

LANDSCAPE DETAILS

SHEET NO. 74 OF 79
LD1

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995ves\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 1:01:50 PM LAYOUT: LD1

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 6–1). 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.

CITY OF SAMMAMISH APPROVAL

City Engineer — Date

Community Development — Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

DESIGNED J. SWENSON
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03LD–01
JOB No. 554–1521–075 P20T03
DATE DECEMBER 2014

PRELIMINARY
STATE OF WASHINGTON LICENSED LANDSCAPE ARCHITECT
JENS SWENSON
LICENSE NO. 656
EXPIRES ON

Parametrix
ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

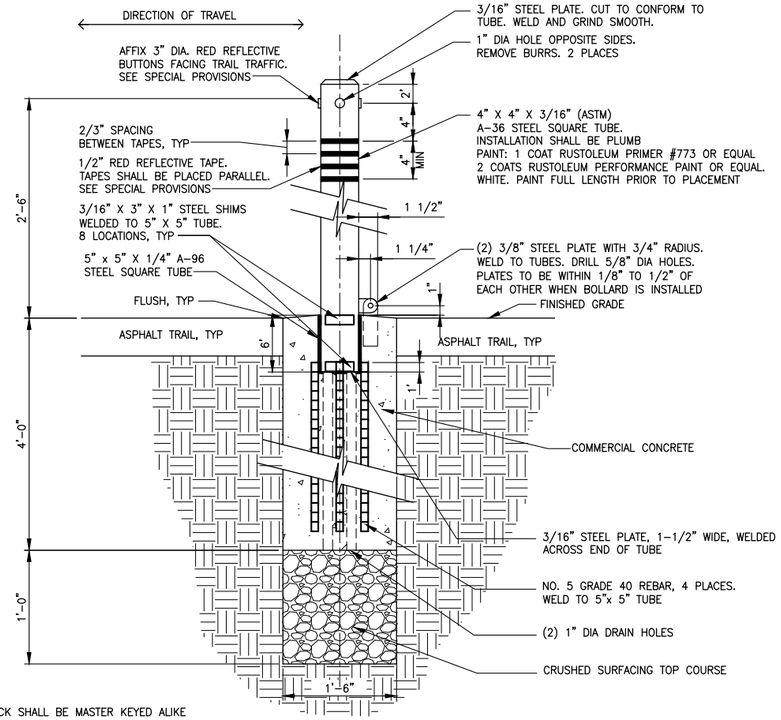
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

LANDSCAPE DETAILS

SHEET NO. 75 OF 79
LD2

LAYOUT: LD2 PATH: U:\PSO\Projects\Clients\1521–KingCo\554–1521–075–ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 1:01:54 PM

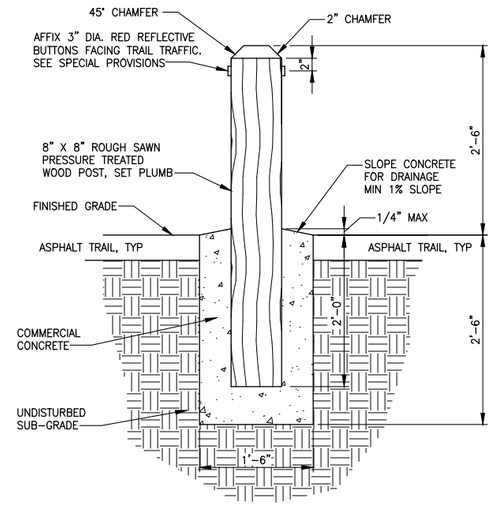
SEC'S 8, 17 TWP. 24 N., RGE. 06 E, W.M.



REMOVABLE BOLLARD
DETAIL 1
NOT TO SCALE

NOTES:

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



FIXED BOLLARD
DETAIL 2
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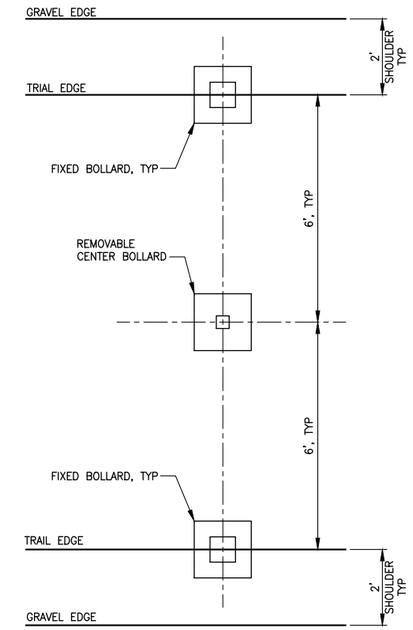

BOLLARD PLAN LOCATION
DETAIL 3
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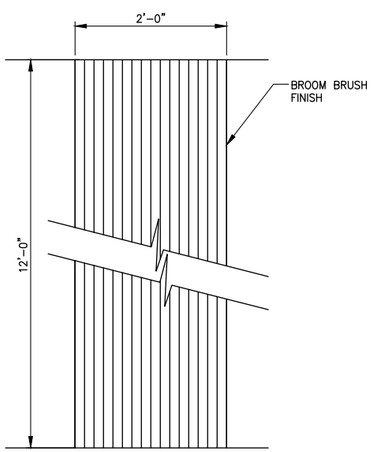
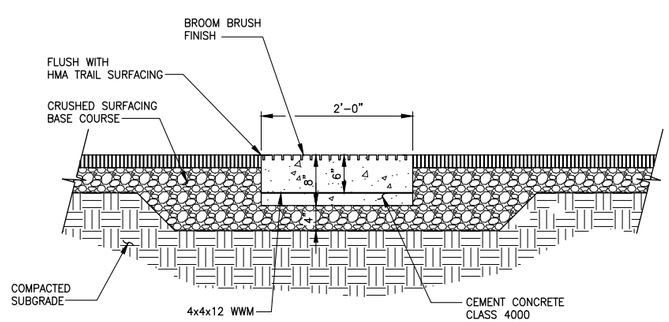
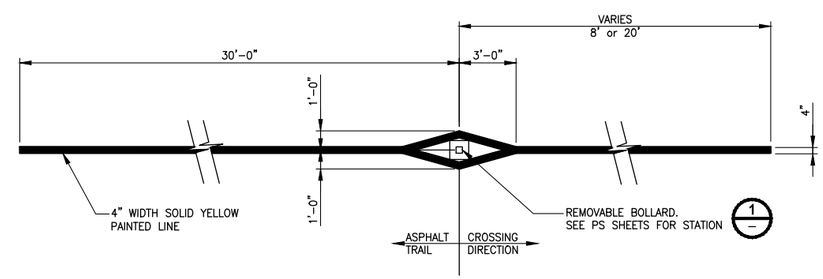


PLAN



SECTION

CONCRETE WARNING BAND
DETAIL 4
NOT TO SCALE



BOLLARD STRIPING
DETAIL 5
NOT TO SCALE

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03MD-01
JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

PRELIMINARY
YAMMIR Y. HO
STATE OF WASHINGTON
40829
REGISTERED PROFESSIONAL ENGINEER

Parametrix
ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

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

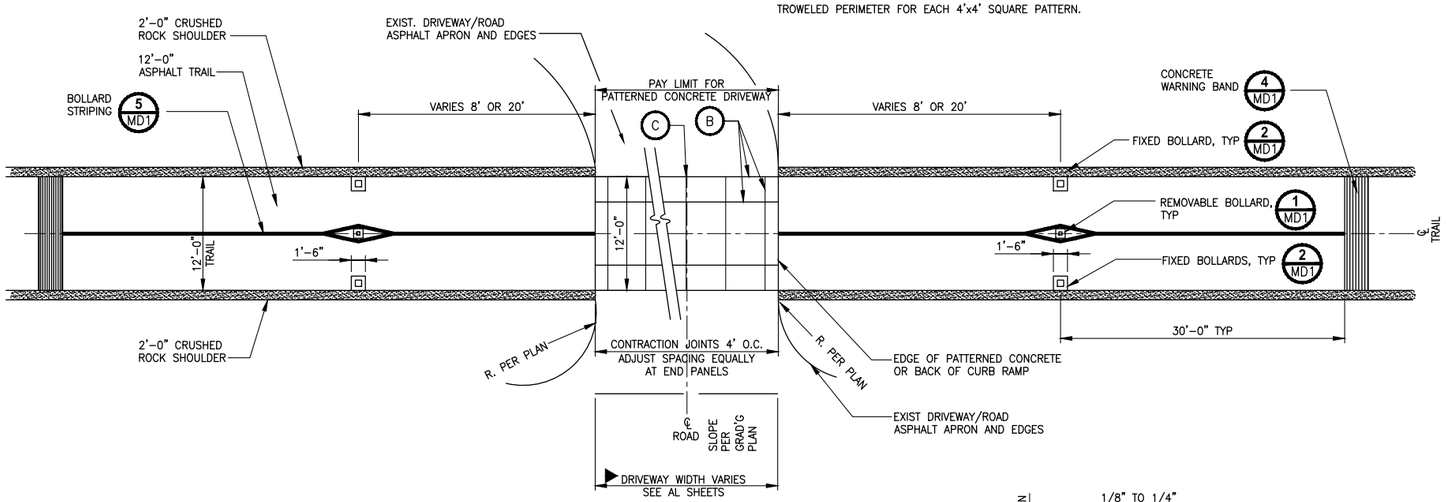
MISCELLANEOUS DETAILS

SHEET NO. 76 OF 79
MD1

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995vca\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 1:02:05 PM LAYOUT: MD1

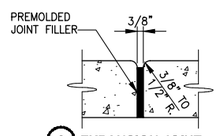
NOTES:

1. EXPANSION JOINT ALONG DRIVEWAY CENTERLINE. 15' MAXIMUM SPACING WHEN DRIVEWAY WIDTHS EXCEED 30'.
2. 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.

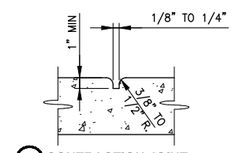


PLAN

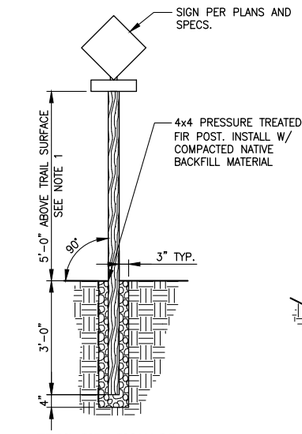
TYPICAL DRIVEWAY CROSSING (AT GRADE)
DETAIL 1
NOT TO SCALE



C EXPANSION JOINT

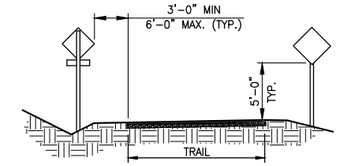


B CONTRACTION JOINT



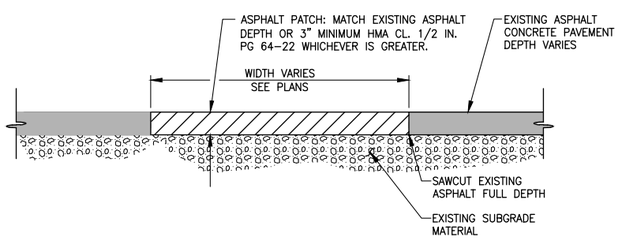
TRAIL SIDE SIGNAGE

NOTE:
1. USE 7' MOUNTING HEIGHT FOR TRAFFIC SIGNS ALONG ROADWAYS, SEE SPECIFICATIONS.
2. USE 5' MOUNTING HEIGHT FOR TRAIL SIGNS.

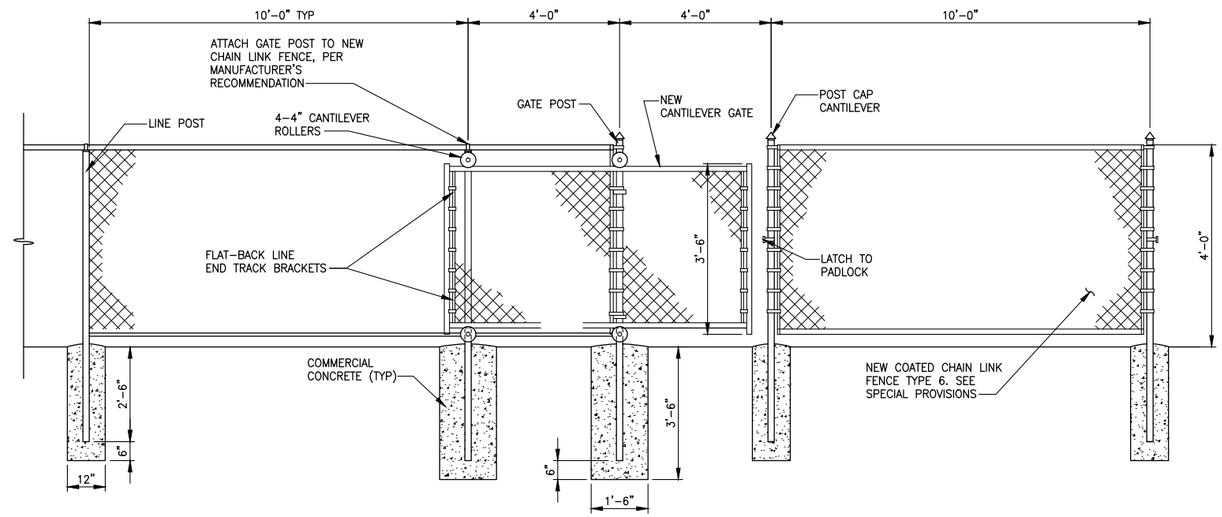


NOTE:
1. STAKE SIGN LOCATIONS FOR APPROVAL.
2. SEE SHEET PS10 FOR SIGN SCHEDULE

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

90 % REVIEW SUBMITTAL
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REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
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ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03MD-01
JOB No. 554-1521-075 P20T03
DATE DECEMBER 2014

PRELIMINARY
YAMMIE Y. HO
STATE OF WASHINGTON
40829
REGISTERED PROFESSIONAL ENGINEER

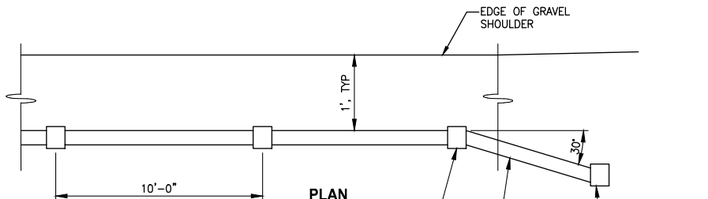
Parametrix
ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

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

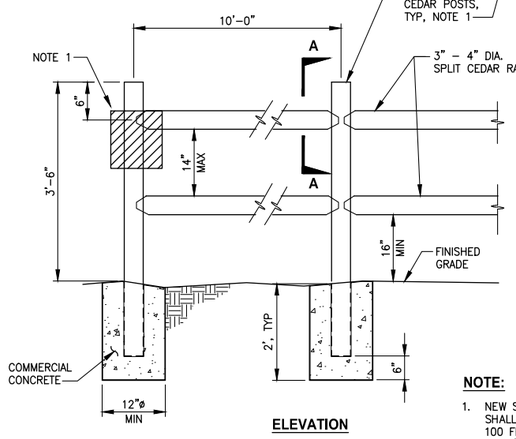
MISCELLANEOUS DETAILS

SHEET NO. 77 OF 79
MD2

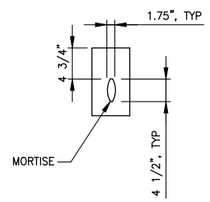
PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 1:02:09 PM
LAYOUT: MD2



PLAN



ELEVATION



SECTION A-A

NOTE:

1. NEW SENSITIVE/WETLAND SIGNS PROVIDED BY OWNER SHALL BE MOUNTED ON SPLIT RAIL FENCE EVERY 100 FEET. FOR SPLIT RAIL FENCE, MOUNT USING TWO (2) GALVANIZED 3/8" CARRIAGE BOLT, NUT AND WASHER.

SPLIT RAIL FENCE-INSTALLATION ON GROUND

DETAIL 1

NOT TO SCALE

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03MD-01
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ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
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P 206.394.3700
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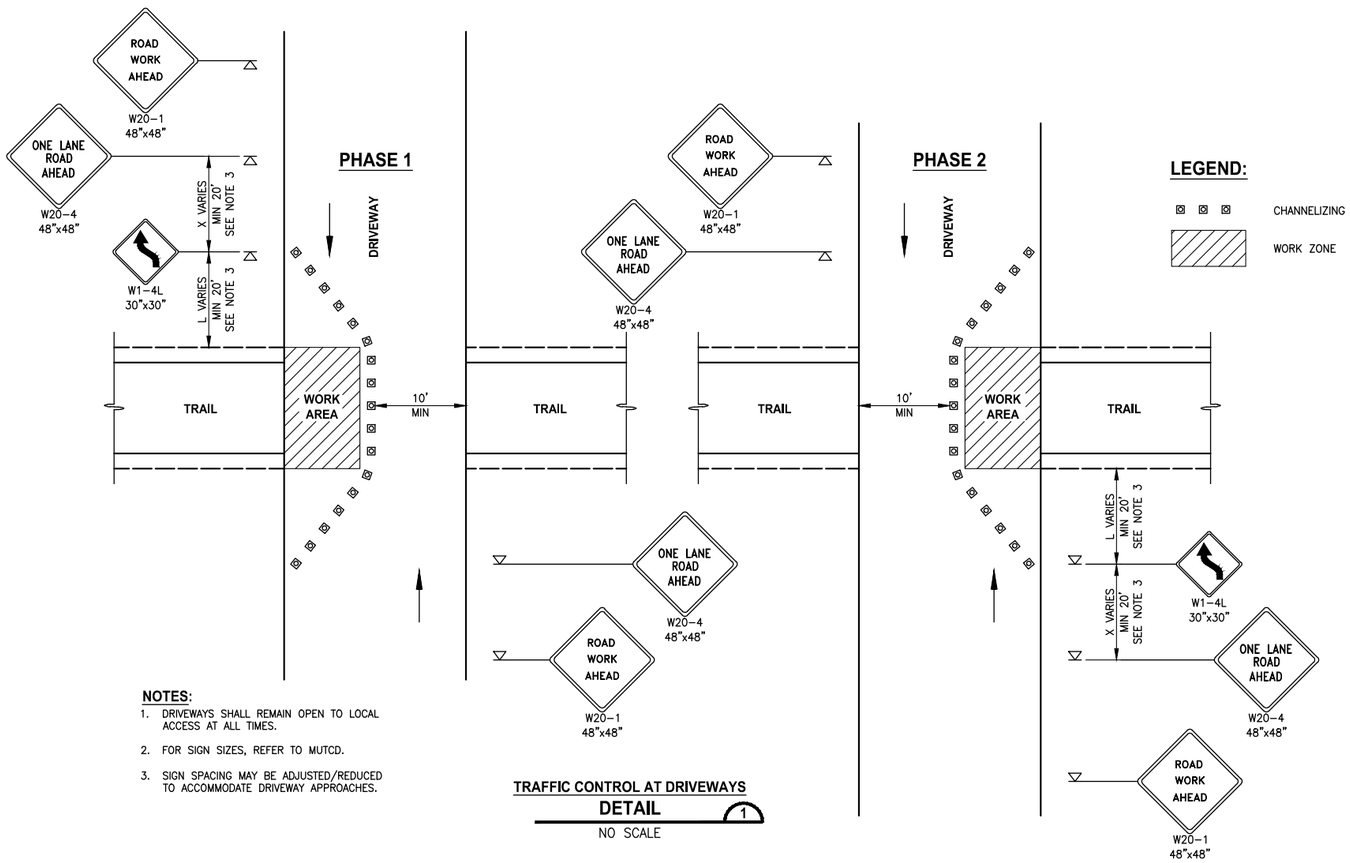
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

MISCELLANEOUS DETAILS

SHEET NO. 78 OF 79
MD3

LAYOUT: MD3 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 1:02:14 PM



NOTES:

1. DRIVEWAYS SHALL REMAIN OPEN TO LOCAL ACCESS AT ALL TIMES.
2. FOR SIGN SIZES, REFER TO MUTCD.
3. SIGN SPACING MAY BE ADJUSTED/REDUCED TO ACCOMMODATE DRIVEWAY APPROACHES.

TRAFFIC CONTROL AT DRIVEWAYS
DETAIL 1
NO SCALE

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
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EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

MISCELLANEOUS DETAILS

SHEET NO. 79 OF 79
MD4

LAYOUT: MD4 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, December 18, 2014 1:02:19 PM