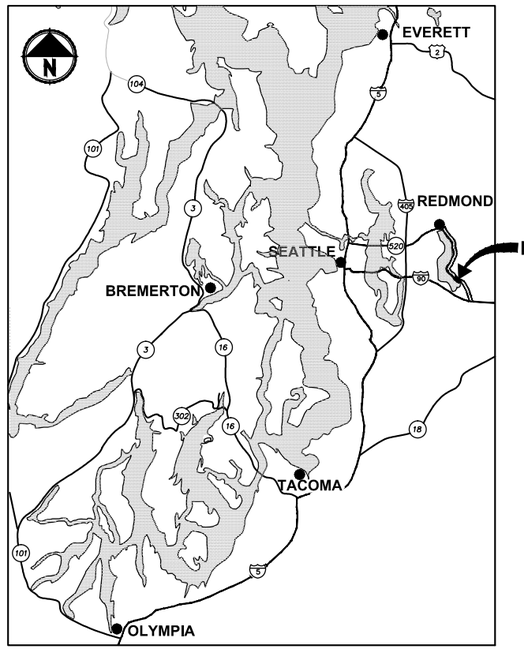
SEC'S 8, 17 TWP. 24 N., RGE. 06 E, W.M.

East Lake Sammamish Master Plan Trail, South Sammamish Segment A

Issaquah/Sammamish City Limit to SE 33rd Street

King County, Washington

Contract No. C00962C15 / FHWA Grant No. XX



LOCATION MAP

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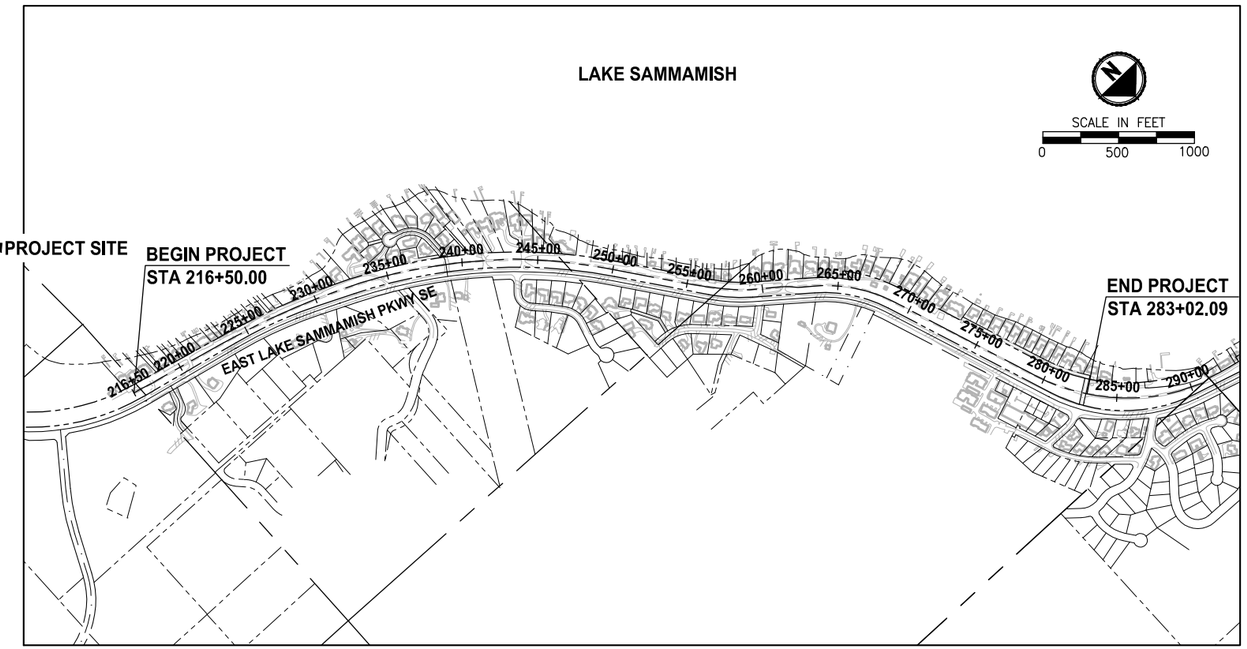

VICINITY MAP

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 DEROUEN

COMCAST CABLE
(425) 867–7433
CONTACT: DAVID BURROWS

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: ROBERT PUSEY, 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 = 212,803 SF (4.89 AC)
EXISTING IMPERVIOUS AREA = 162,803 SF (3.7 AC)
PROPOSED NEW IMPERVIOUS AREA = 42,574 SF (0.98 AC)
VOLUME OF ESTIMATED FILL = 2,660 CY
VOLUME OF ESTIMATED EXCAVATION = 4,900 CY
VOLUME OF ESTIMATED EXCAVATION FOR VAULT = 1,225 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

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL15210 75P20T03G–01
JOB No. 554–1521–075 P20T03
DATE APRIL 2015

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
WWW.PARAMETRIX.COM

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

COVER SHEET

SHEET NO.
1 OF 78
G1

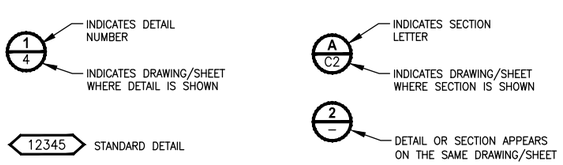
PATH: U:\PSO\Projects\Clients\1521–KingCo\554–1521–075–ELST\995xes\CADD\Phase 20\Task 03\DWG\
PLOTTED BY: purgabut DATE: Wednesday, April 22, 2015 4:37:15 PM
LAYOUT: G1

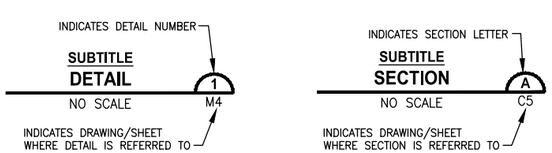
SEC'S 8, 17 TWP. 24 N., RGE. 06 E, W.M.

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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2	G2	ABBREVIATIONS AND SHEET LIST
3	G3	SHEET INDEX
4	G4	LEGEND
5	G5	SURVEY CONTROL PLAN
6	G6	SURVEY CONTROL PLAN
TYPICAL CROSS SECTIONS		
7	CS1	TYPICAL CROSS SECTIONS
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9	EX2	EXISTING CONDITIONS PLAN
10	EX3	EXISTING CONDITIONS PLAN
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14	EX7	EXISTING CONDITIONS PLAN
15	EX8	EXISTING CONDITIONS PLAN
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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
23	SP7	SITE PREPARATION AND TESC PLAN
24	SP8	SITE PREPARATION AND TESC PLAN
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27	AL2	PLAN AND PROFILE
28	AL3	PLAN AND PROFILE
29	AL4	PLAN AND PROFILE
30	AL5	PLAN AND PROFILE
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32	AL7	PLAN AND PROFILE
33	AL8	PLAN AND PROFILE
34	AL9	PLAN AND PROFILE
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37	AL12	PLAN AND PROFILE
38	AL13	PLAN AND PROFILE
39	AL14	PLAN AND PROFILE
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49	DP6	DRIVEWAY PLAN AND PROFILE
50	DP7	DRIVEWAY PLAN AND PROFILE
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PAVEMENT MARKING AND SIGNING		
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77	MD3	MISCELLANEOUS DETAILS
78	MD4	MISCELLANEOUS DETAILS

CITY OF SAMMAMISH APPROVAL

City Engineer — Date

Community Development — Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

▷	REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME BL1521075P20T03G-02
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

PRELIMINARY
YAMMIE Y. HO
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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

ABBREVIATIONS AND SHEET LIST

SHEET NO.
2 OF 78

G2

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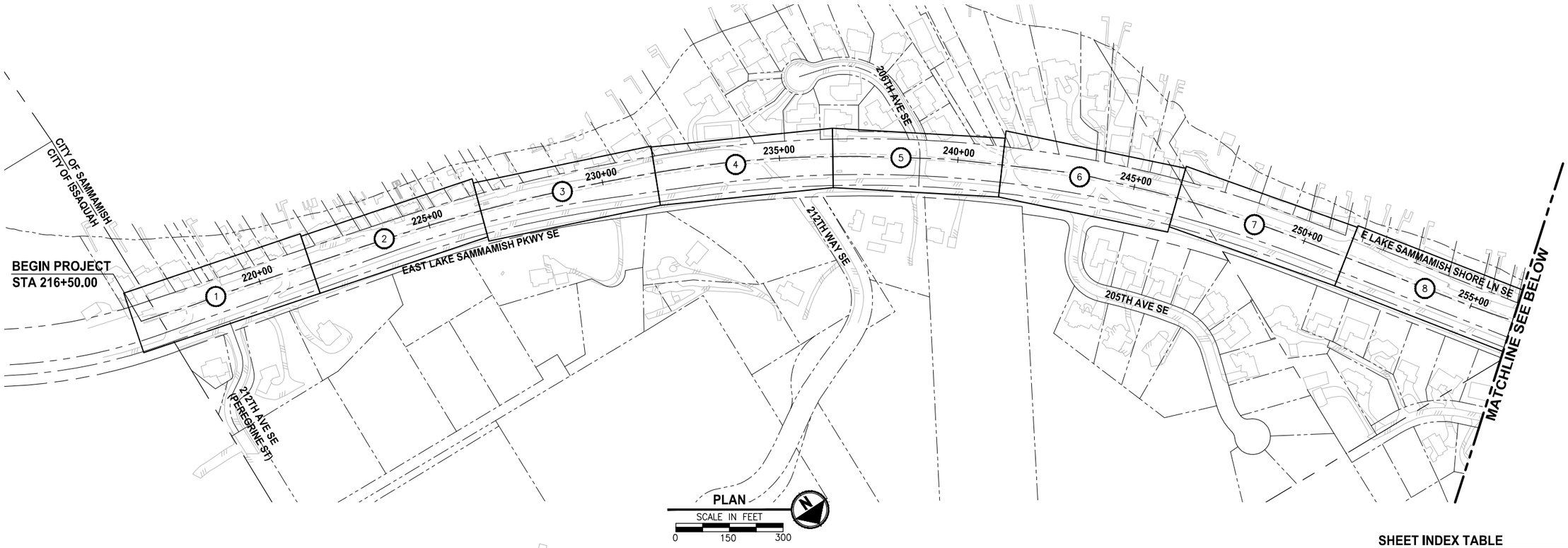

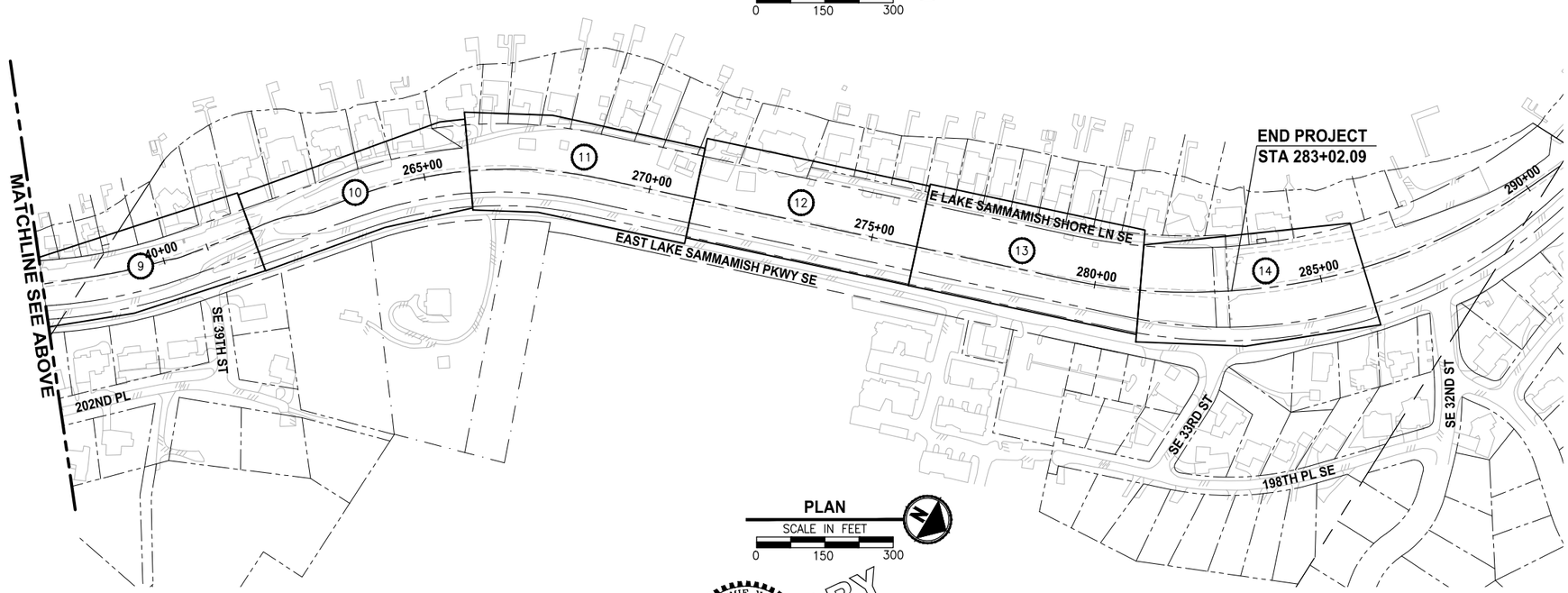

SHEET INDEX TABLE

(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
3	EX2	SP2	AL3	PS2	LA2
4	EX2	SP2	AL4	PS2	LA2
5	EX3	SP3	AL5	PS3	LA3
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8	EX4	SP4	AL8	PS4	LA4
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

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME BL1521075P20T03G-03
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DATE APRIL 2015

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

SHEET INDEX

SHEET NO.
3 OF 78
G3

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995ves\CADD\Phase 20\Task 03\DWG\
PLOTTED BY: purgobut DATE: Tuesday, April 21, 2015 3:08:28 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 METER		
GAS		G
WATER LINE		W
FIRE HYDRANT		
WATER METER		
WATER VALVE		
AREA DRAIN		
ROOF DRAIN		
WATER BLOW OFF VALVE		
WATER POST INDICATOR		
SPRINKLER HEAD ROT=90		
IRRIGATION CONTROL VALVE		
FLOW DIRECTION		

LEGEND

DESCRIPTION	PROPOSED	EXISTING
TRAFFIC SIGNAL POLE W/ LAMP		
TRAFFIC SIGNAL POLE		
TRAFFIC CONTROL LOOP (SQ)		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		
RIP RAP		
ROCKERY		
HANDICAPPED SYMBOL		
WHEELCHAIR RAMP		
BUILDING LINE		
CONCRETE STAIR LINE		
WOOD STAIRWAY		
REMOVE ASPHALT		
PATTERNED CONCRETE INTERSECTION		
RAMP DETECTABLE WARNING		
RESTORATION PLANTING AREA		
SANDBAG DAM		
CHECK DAM		
WATTLE CHECK DAM		
FORMER RAILROAD CENTERLINE		220 + RR C/L
CONSTRUCTION CENTERLINE		220+00 + A-LINE

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

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

LEGEND

SHEET NO. 4 OF 78
G4

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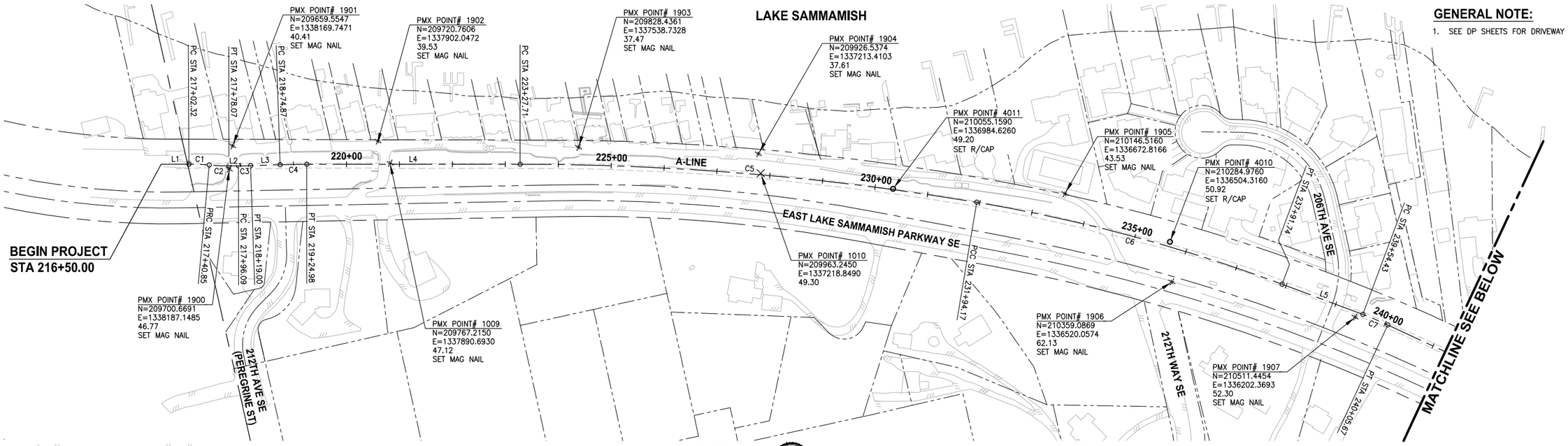
SEC'S 8, 17 TWP. 24 N., RGE. 06 E, W.M.



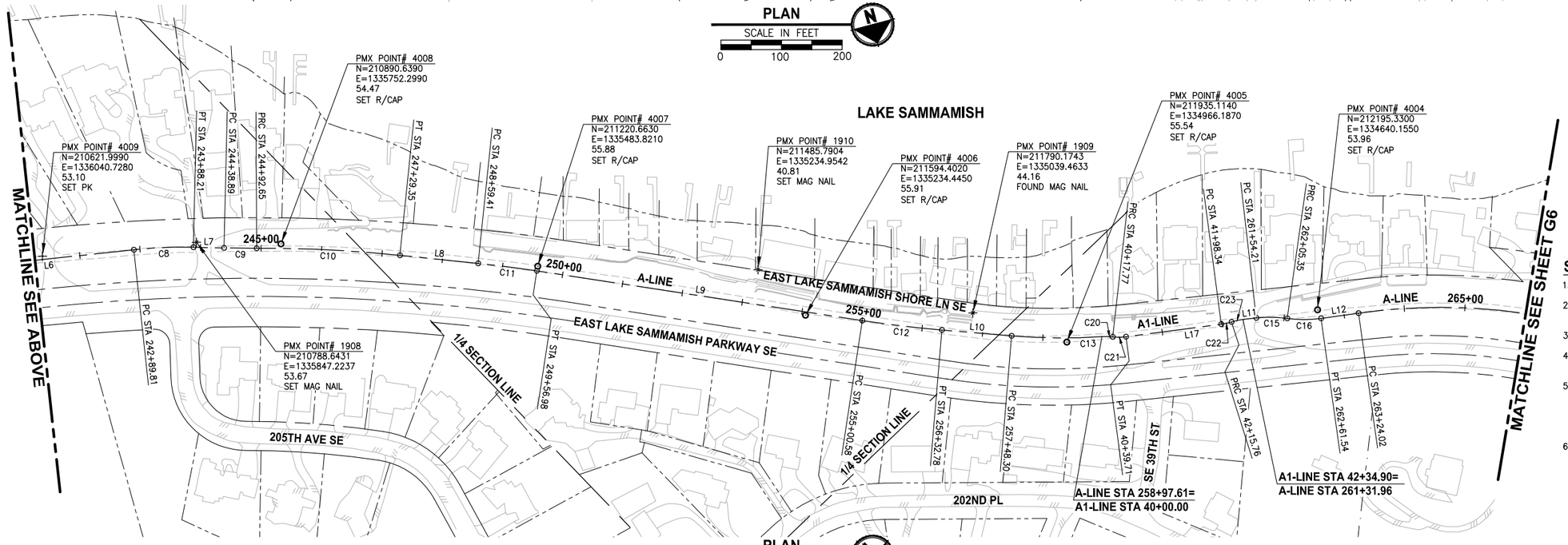
PLAN

SCALE IN FEET

0 100 200

GENERAL NOTE:

1. SEE DP SHEETS FOR DRIVEWAY ALIGNMENT DATA.



PLAN

SCALE IN FEET

0 100 200

SURVEY NOTES:

1. HORIZONTAL DATUM: NAD83 (CORS).
2. RTK CORRECTIONS OBTAINED FROM NGS CORS ID POINT "SEAT" ON OCTOBER 3, 2007.
3. VERTICAL DATUM: NAVD88.
4. WSDOT SITE BENCHMARKS HELD FOR THIS SURVEY ARE NOS. 2355, 6762, 6294, AND 617.
5. 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.
6. 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

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

DESIGNED R. PUSEY
DRAWN B. PURGANAN
CHECKED R. PUSEY
APPROVED O. KIKUTA

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03G-05
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

ROBERT W. PUSEY STATE OF WASHINGTON 41964 REGISTERED PROFESSIONAL LAND SURVEYOR

PRELIMINARY

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

SURVEY CONTROL PLAN

SHEET NO.
5 OF 78

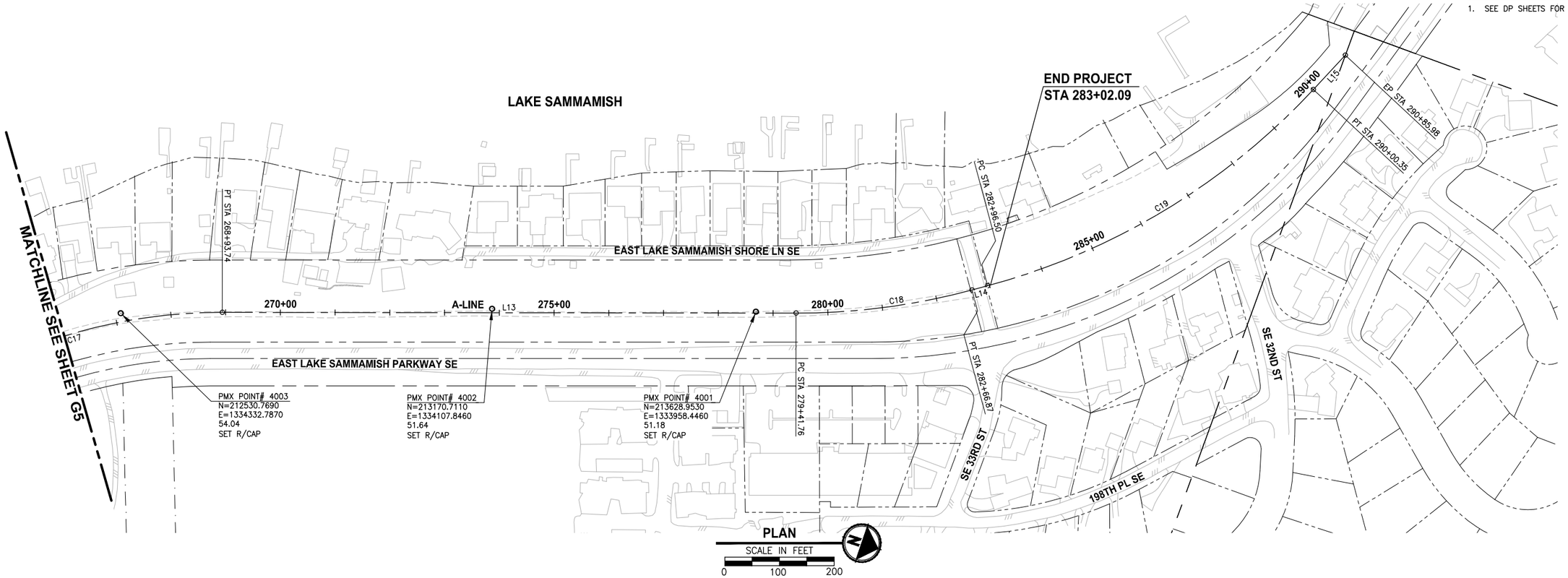
G5

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\
PLOTTED BY: purgabut DATE: Tuesday, April 21, 2015 2:33:53 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	22.25	N50° 38' 26"W	1334737.16	212117.89	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	149.31	1000.00	14°24'25" LT	1335022.14	211862.48	1334919.34	211970.58
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

A1-LINE CURVE TABLE

CURVE	LENGTH	RADIUS	DELTA	BEGIN EASTING	BEGIN NORTHING	END EASTING	END NORTHING
C20	17.77	100.00	10°10'54" RT	1334919.34	211970.58	1334907.30	211983.61
C21	21.94	90.00	13°58'02" LT	1334907.30	211983.61	1334891.92	211999.18
C22	17.43	100.00	9°59'05" LT	1334767.56	212097.66	1334753.03	212107.24
C23	19.14	100.00	10°57'51" RT	1334753.03	212107.24	1334737.16	212117.89

A1-LINE LINE TABLE

LINE	LENGTH	BEARING	BEGIN EASTING	BEGIN NORTHING	END EASTING	END NORTHING
L17	158.63	N51° 37' 26"W	1334891.92	211999.18	1334767.56	212097.66

CITY OF SAMMAMISH APPROVAL

City Engineer — Date

Community Development — Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

DESIGNED R. PUSEY
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PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

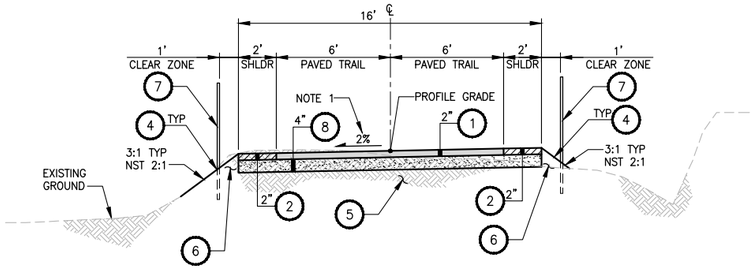
SURVEY CONTROL PLAN

SHEET NO.
6 OF 78

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: Tuesday, April 21, 2015 2:34:04 PM

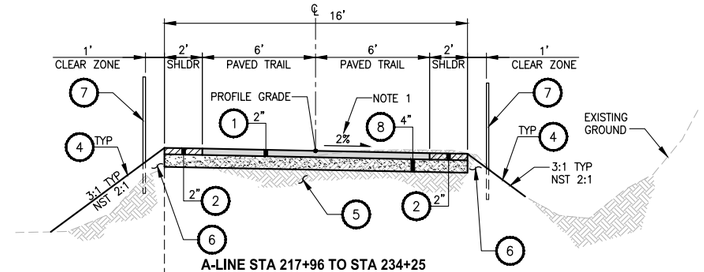
SEC'S 8, 17 TWP. 24 N., RGE. 06 E, W.M.



A-LINE STA 216+78 TO STA 217+96

TYPICAL SECTION A

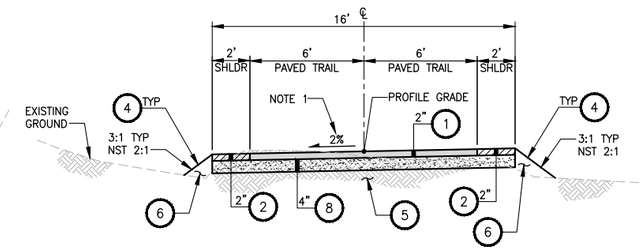
NO SCALE



A-LINE STA 217+96 TO STA 234+25
A-LINE STA 239+13 TO STA 244+20

TYPICAL SECTION B

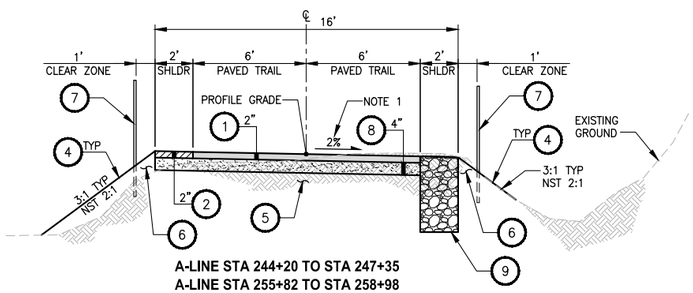
NO SCALE



A-LINE STA 234+25 TO STA 239+13

TYPICAL SECTION C

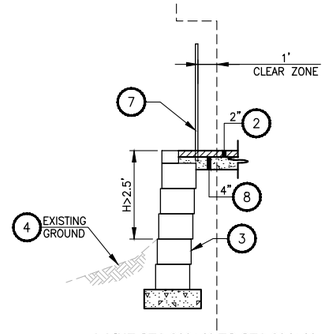
NO SCALE



A-LINE STA 244+20 TO STA 247+35
A-LINE STA 255+82 TO STA 258+98
A1-LINE STA 40+00 TO STA 40+15
A1-LINE STA 42+06 TO STA 42+35
A-LINE STA 261+32 TO STA 282+64

TYPICAL SECTION D

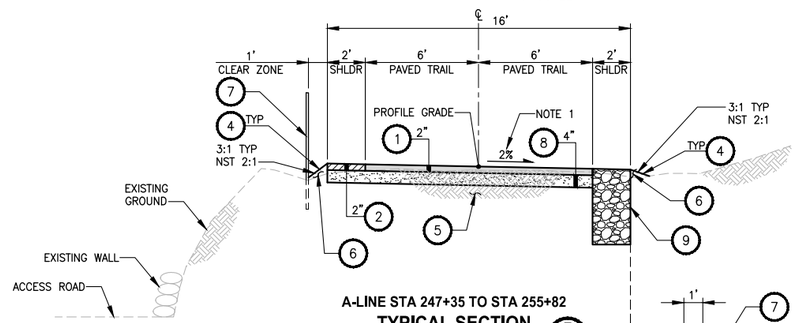
NO SCALE



A-LINE STA 223+46 TO STA 224+41
A-LINE STA 230+50 TO STA 234+06
A-LINE STA 239+47 TO STA 240+19

FILL SECTION WITH RETAINING WALL

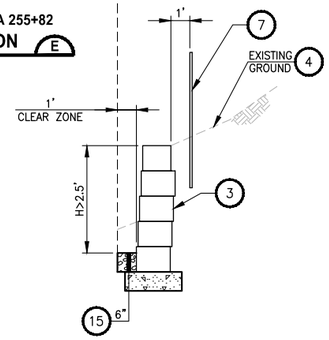
(WALLS #3, #4, #5A, #6, #7)



A-LINE STA 247+35 TO STA 255+82

TYPICAL SECTION E

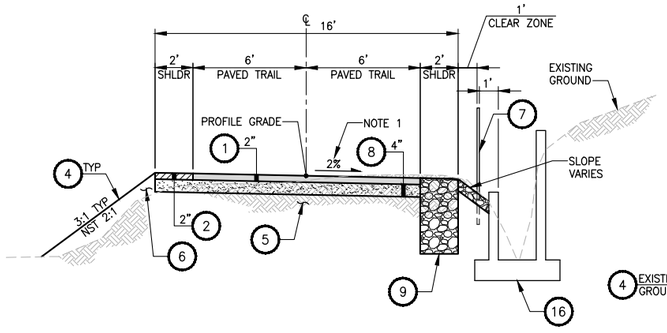
NO SCALE



A-LINE STA 248+05 TO STA 249+40

CUT SECTION WITH RETAINING WALL

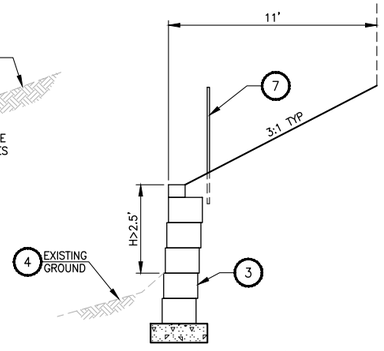
(WALL #8)



A1-LINE STA 40+15 TO STA 42+06

TYPICAL SECTION F

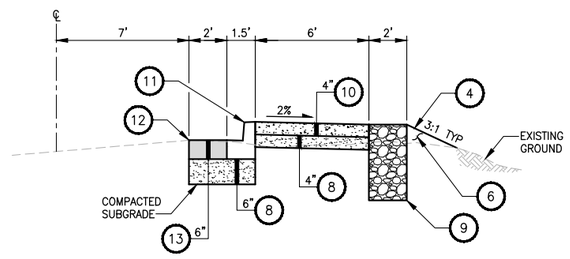
NO SCALE



A-LINE STA 224+39 TO STA 230+52

FILL SECTION WITH 3:1 SIDESLOPE AND RETAINING WALL

(WALL #5)



SIDEWALK AT SE 33RD ST
C-LINE STA 10+85 TO STA 11+77

TYPICAL SECTION G

NO SCALE

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. SEE RESTORATION DETAILS ON LA SHEETS.
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 TYPES 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.
16. CONCRETE CHANNEL 7/DD1 AND SHEET SD2.

GENERAL NOTE:

1. SEE DP SHEETS FOR CROSS SLOPE TRANSITIONS AND GRADE BREAKS.
2. APPLY SOIL RESIDUAL HERBICIDE 16-FOOT WIDTH TO THE SURFACE OF THE TRAIL CRUSHED SURFACING BASE COURSE PRIOR TO HMA PAVING.

SIDE SLOPE SCHEDULE

ALIGNMENT	STA START	STA END	LEFT SIDE OF TRAIL
A-LINE	216+78.60	217+39.00	2:1
A-LINE	217+39.00	218+16.00	3:1
A-LINE	218+16.00	218+86.00	2:1
A-LINE	218+86.00	223+46.50	3:1
A-LINE	223+46.50	224+41.00	WALL
A-LINE	224+41.00	225+25.00	50:1 FOR 9' AND WALL
A-LINE	225+25.00	230+51.50	3:1 FOR 9' AND WALL
A-LINE	230+51.50	234+05.50	WALL
A-LINE	234+05.50	234+31.20	2:1
A-LINE	234+31.20	239+47.20	3:1
A-LINE	239+47.20	240+19.20	WALL
A-LINE	240+19.20	244+18.00	3:1
A-LINE	244+18.00	245+10.00	2:1
A-LINE	245+10.00	258+98.00	3:1
A1-LINE	040+00.00	040+15.00	3:1
A1-LINE	040+15.00	042+07.00	2:1
A1-LINE	042+07.00	042+34.90	3:1
A-LINE	261+31.96	282+71.00	3:1

SIDE SLOPE SCHEDULE

ALIGNMENT	STA START	STA END	RIGHT SIDE OF TRAIL
A-LINE	216+78.60	217+00.00	2:1
A-LINE	217+00.00	218+16.00	3:1
A-LINE	218+16.00	218+86.00	1:1
A-LINE	218+86.00	241+07.00	3:1
A-LINE	241+07.00	241+13.00	2:1
A-LINE	241+13.00	247+12.00	3:1
A-LINE	247+12.00	247+26.00	2:1
A-LINE	247+26.00	248+05.00	3:1
A-LINE	248+05.00	249+40.00	WALL
A-LINE	249+40.00	258+98.00	3:1
A1-LINE	040+00.00	040+15.00	3:1
A1-LINE	040+15.00	042+07.00	VARIES
A1-LINE	042+07.00	042+34.90	3:1
A-LINE	261+31.96	262+05.00	3:1
A-LINE	262+05.00	262+85.00	2:1
A-LINE	262+85.00	282+71.00	3:1

CITY OF SAMMAMISH APPROVAL

City Engineer — Date

Community Development — Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

▷	REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME BL1521075P20T03CS-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

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

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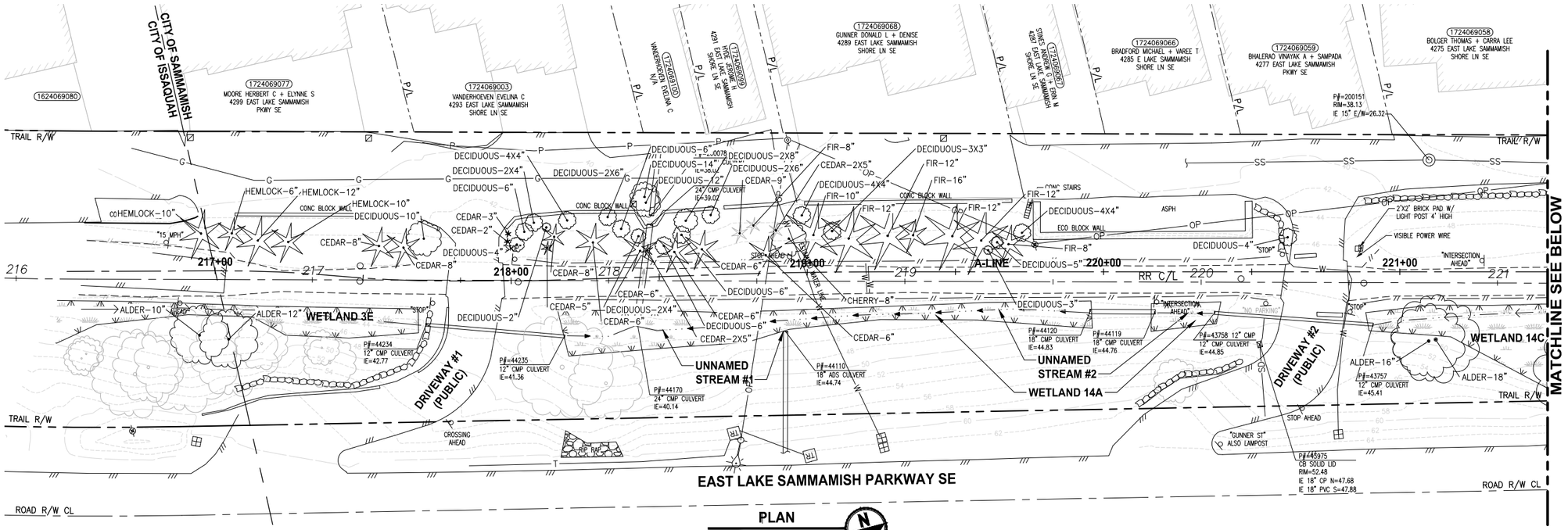
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

TYPICAL CROSS SECTIONS

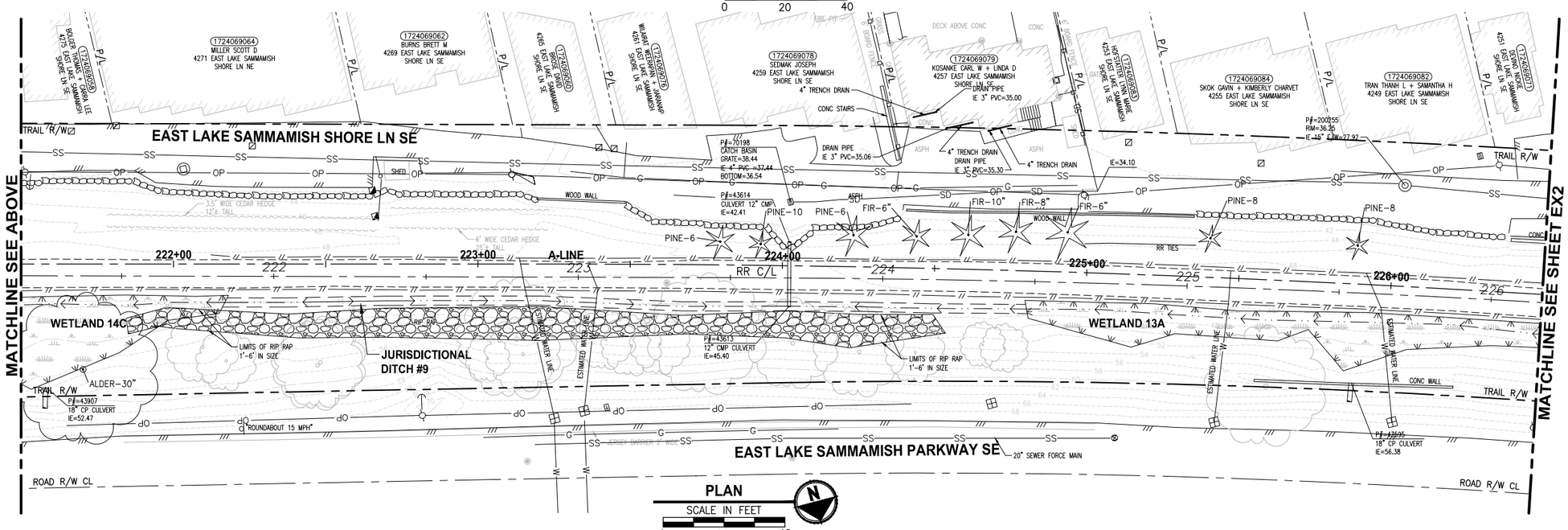
PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995ves\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Wednesday, April 22, 2015 4:53:32 PM
LAYOUT: CS1

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

LEGEND:

FORMER RAILROAD CENTERLINE — 220 + RR C/L

CONSTRUCTION CENTERLINE — 220+00 + A-LINE

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
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REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03EX-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

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

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WWW.PARAMETRIX.COM

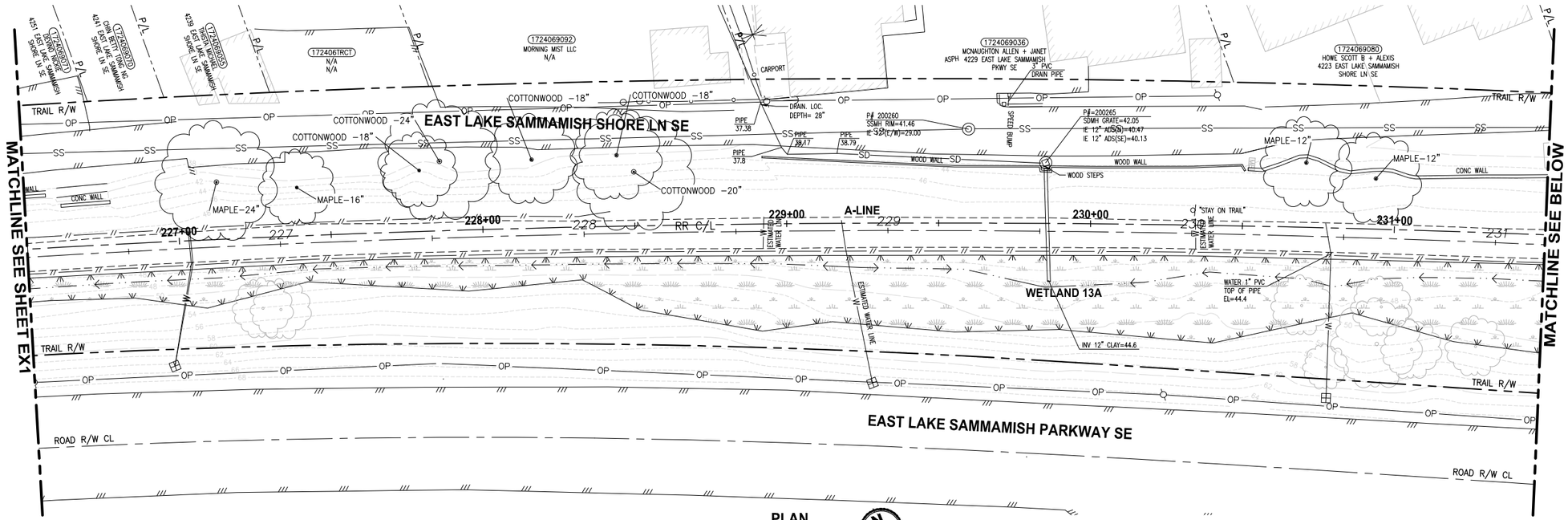
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

EXISTING CONDITIONS PLAN

SHEET NO. 8 OF 78
EX1

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: puraganb DATE: Tuesday, April 21, 2015 2:35:30 PM
LAYOUT: EX1

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



PLAN

SCALE IN FEET 0 20 40

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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

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

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

EXISTING CONDITIONS PLAN

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LAYOUT: EX2

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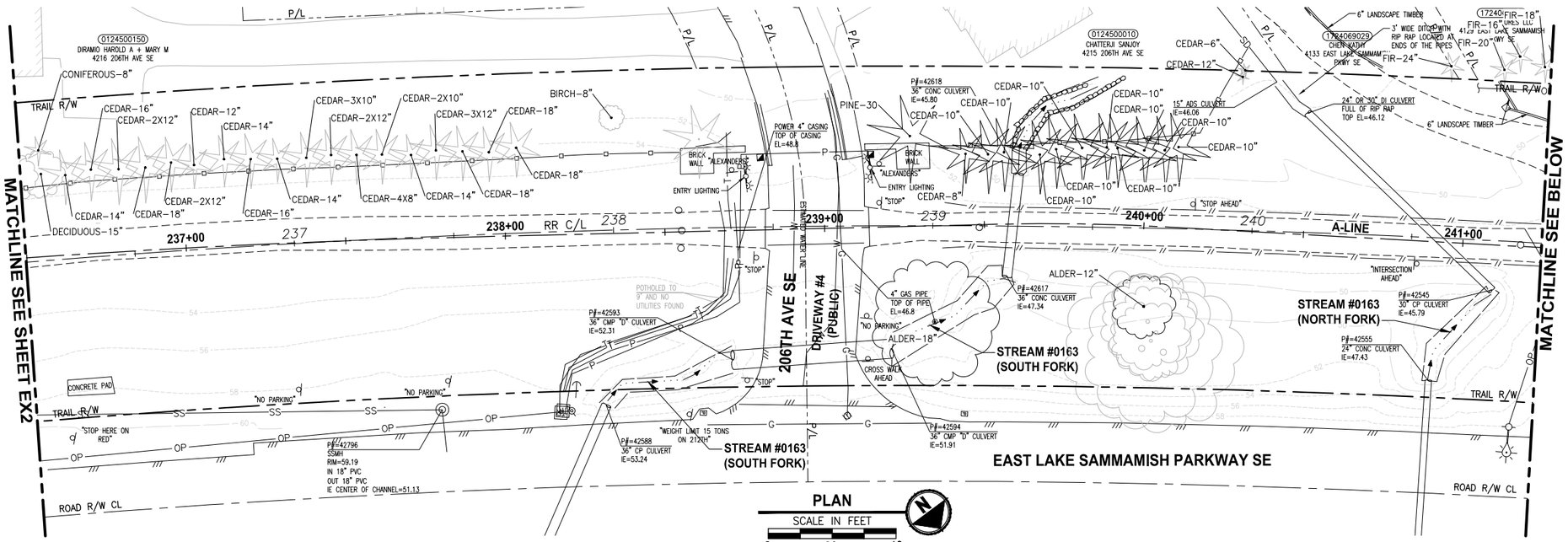
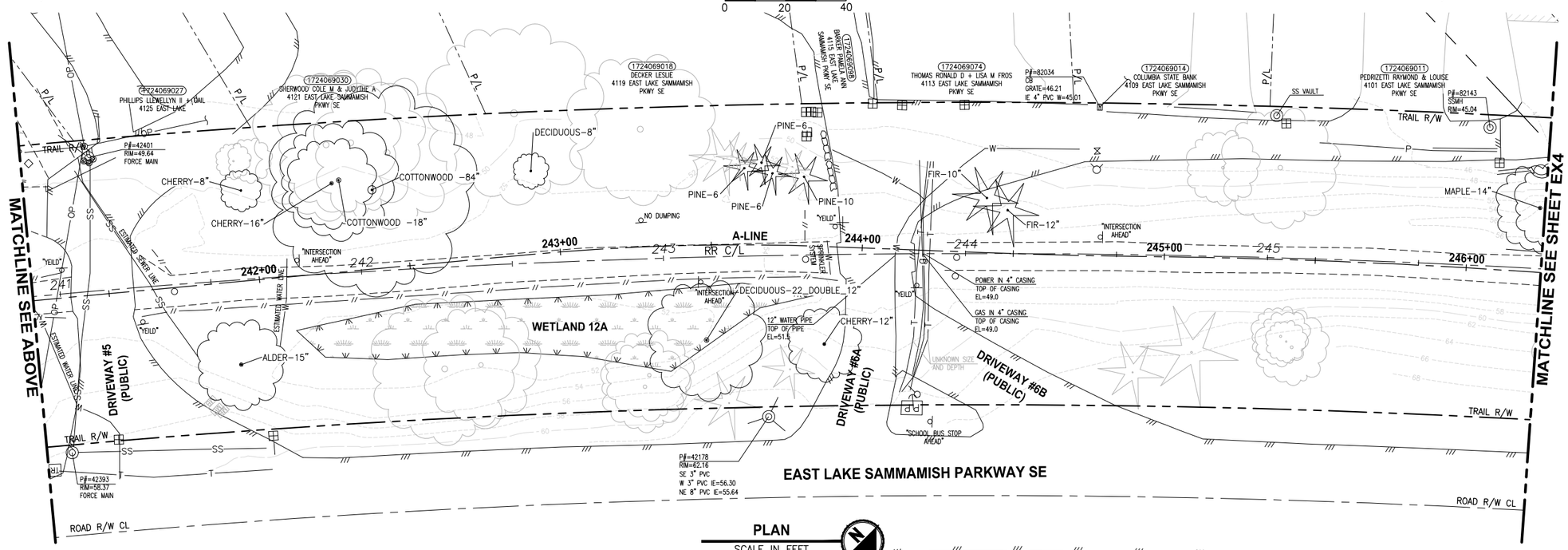


PLAN

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

LEGEND:

FORMER RAILROAD CENTERLINE — 220 + RR C/L

CONSTRUCTION CENTERLINE — 220+00 A-LINE

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME BL1521075P20T03EX-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

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

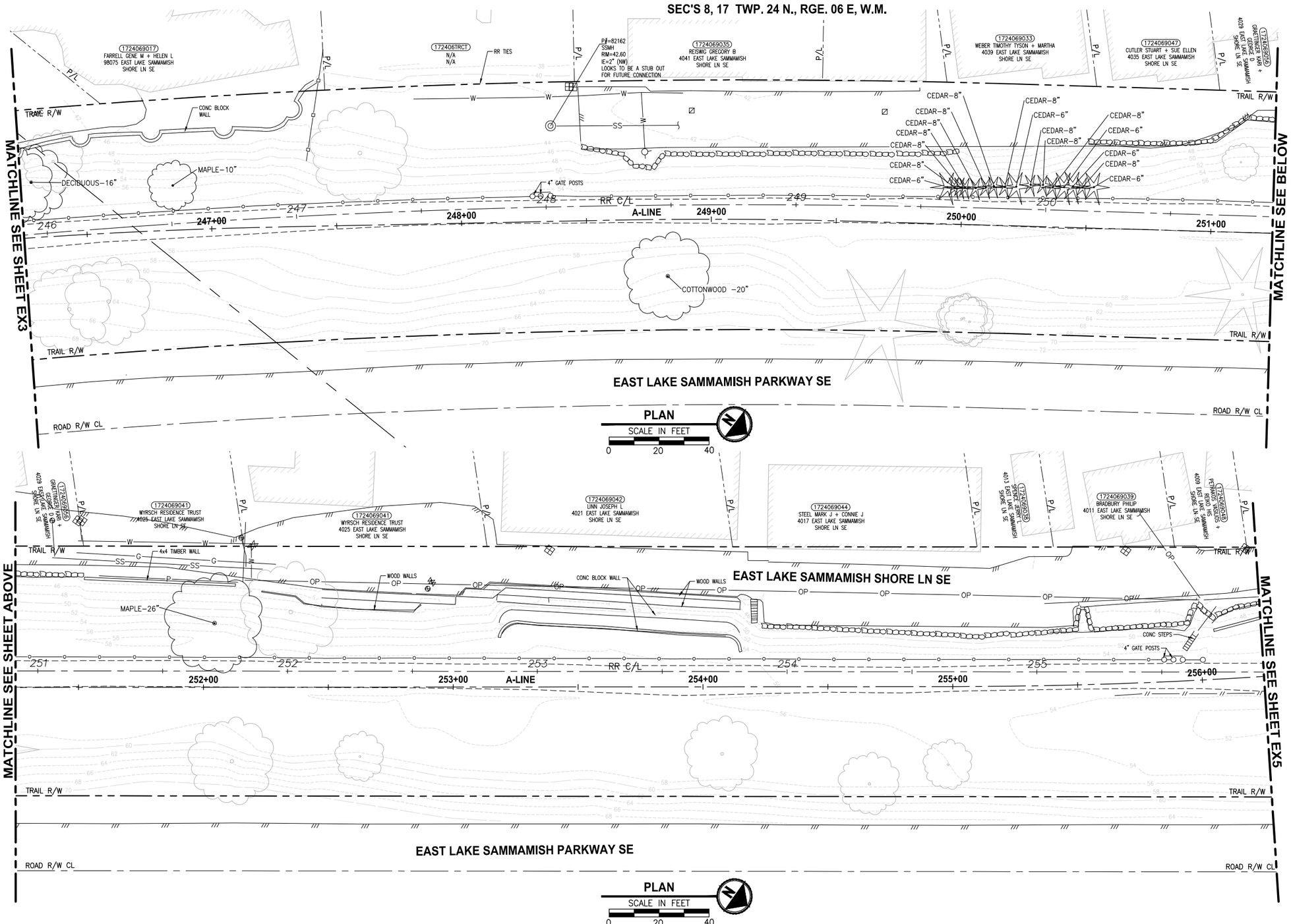
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

EXISTING CONDITIONS PLAN

SHEET NO.
10 OF 78

EX3

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Sves\CADD\Phase 20\Task 03\DWG\
PLOTTED BY: purgobut DATE: Thursday, April 23, 2015 9:14:12 AM
LAYOUT: EX3



GENERAL NOTES:

1. SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.
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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

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

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	REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
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APPROVED O. KIKUTA

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME BL1521075P20T03EX-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

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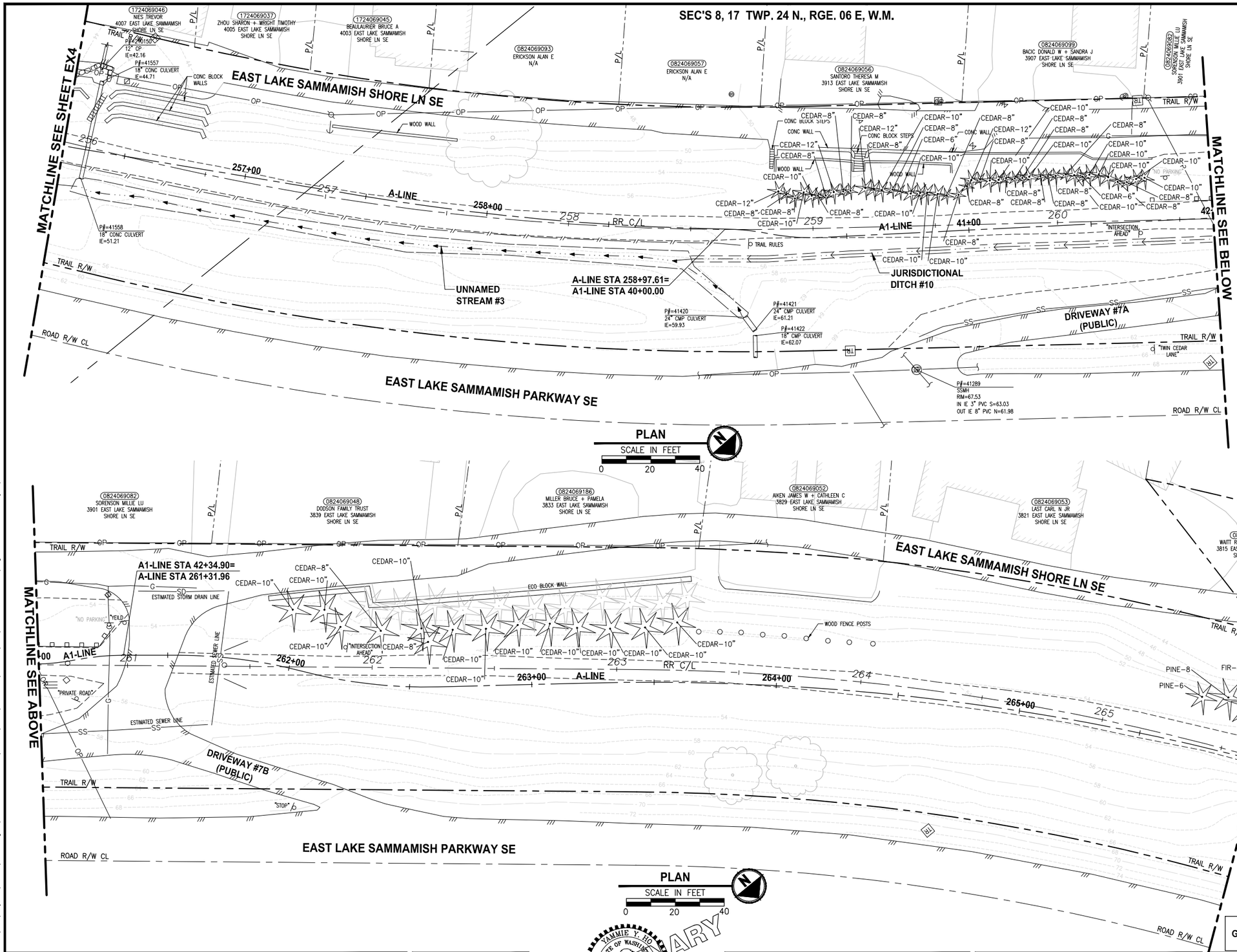
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

EXISTING CONDITIONS PLAN

SHEET NO.
11 OF 78

EX4

LAYOUT: EX4 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purganbu DATE: Tuesday, April 21, 2015 2:36:33 PM



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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

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

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	REVISIONS	DATE	BY

DESIGNED J. JUN
DRAWN B. PURGANAN
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APPROVED O. KIKUTA

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JOB No. 554-1521-075 P20T03
DATE APRIL 2015

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

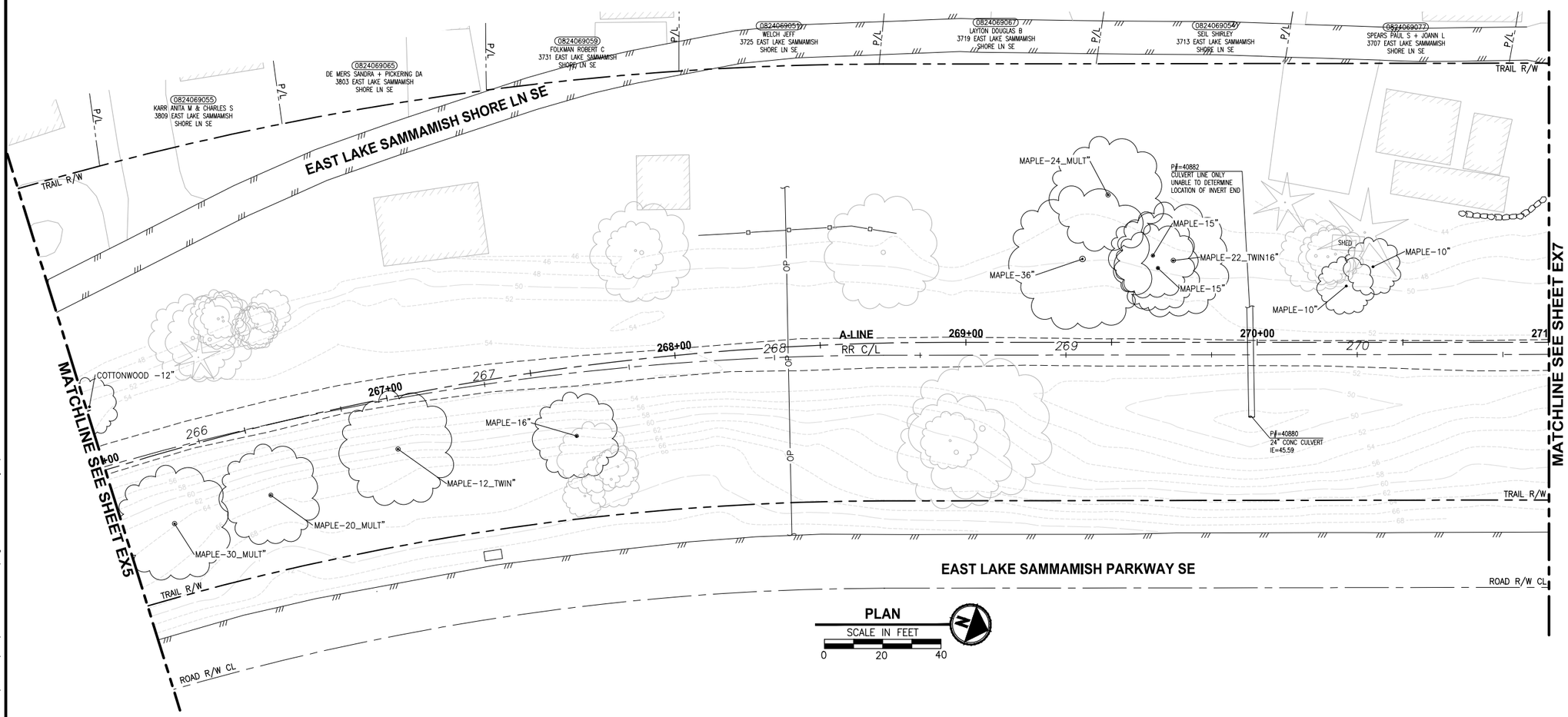
EXISTING CONDITIONS PLAN

SHEET NO. 12 OF 78

EX5

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\
PLOTTED BY: purgabut DATE: Tuesday, April 21, 2015 2:36:53 PM
LAYOUT: EX5

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



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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

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

▷	REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03EX-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

PRELIMINARY
YAMMIE Y. HO
STATE OF WASHINGTON
40820
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 78

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: Tuesday, April 21, 2015 2:37:11 PM

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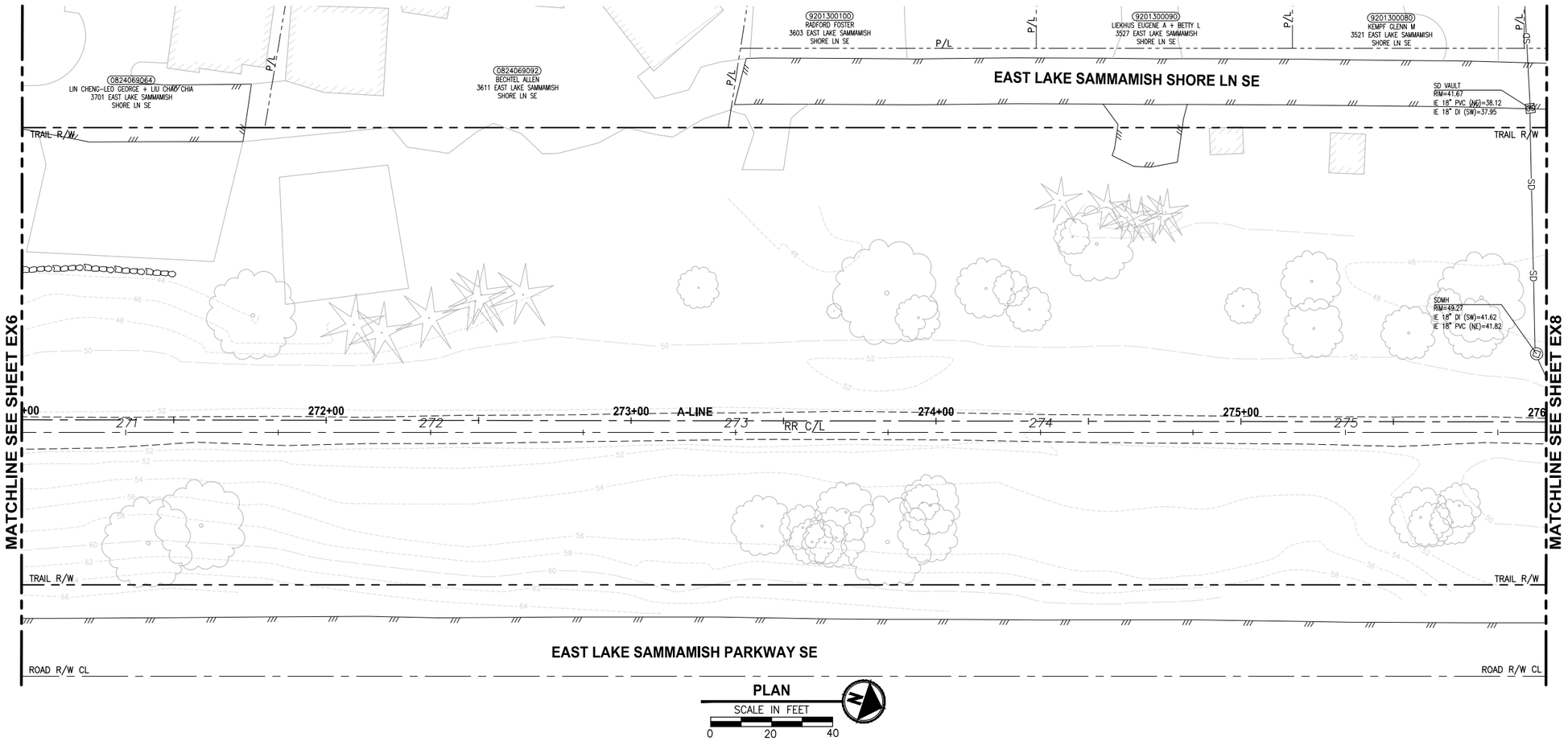

PLAN

SCALE IN FEET

0 20 40

GENERAL NOTES:

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CONSTRUCTION CENTERLINE — 220+00 + A-LINE

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

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

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FILE NAME BL1521075P20T03EX-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

PRELIMINARY
YAMMIE Y. HO
STATE OF WASHINGTON
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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. 14 OF 78

EX7

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\
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LAYOUT: EX7

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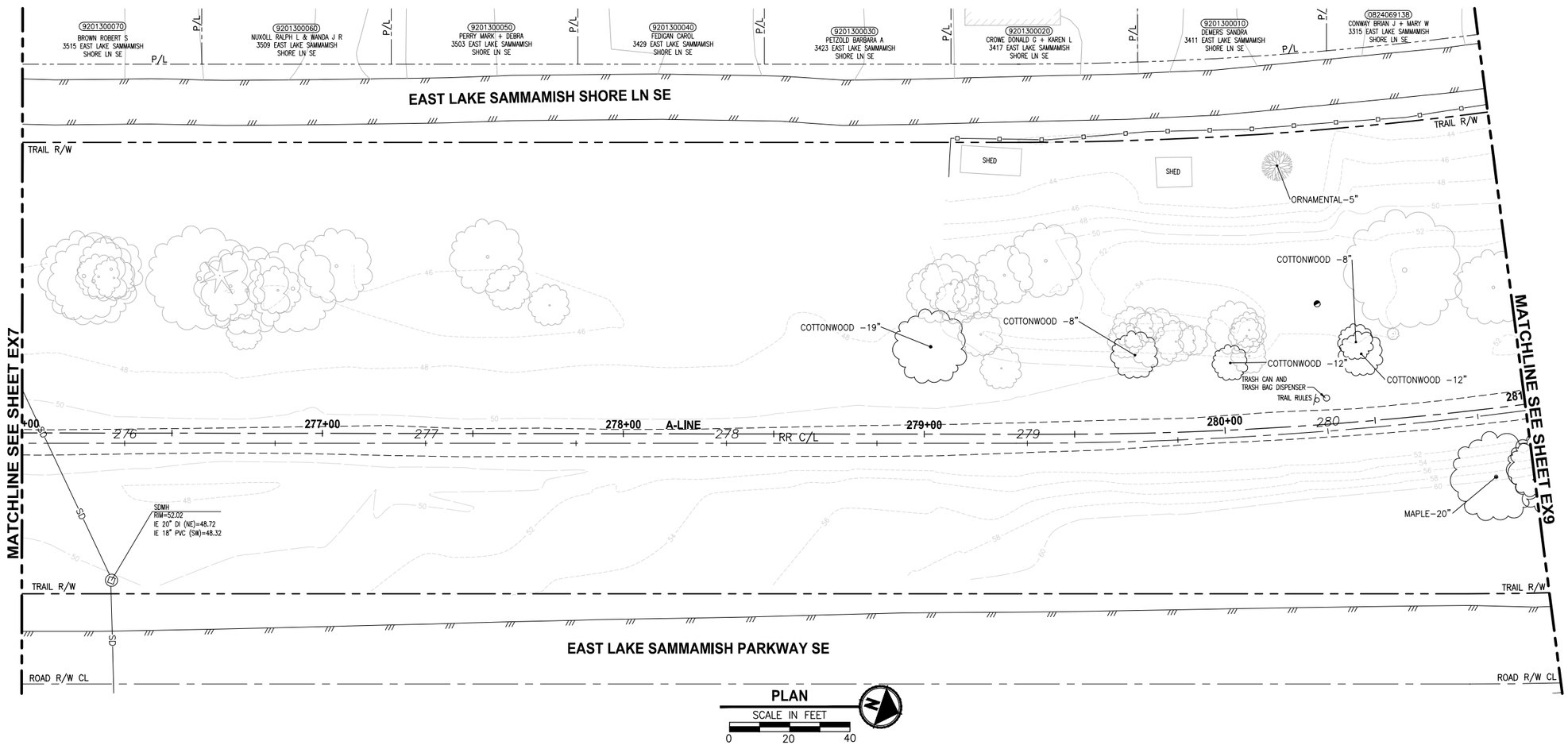

PLAN

SCALE IN FEET

0 20 40

GENERAL NOTES:

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CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME BL1521075P20T03EX-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

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 78

EX8

LAYOUT: EX8 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995\ces\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Tuesday, April 21, 2015 2:37:40 PM

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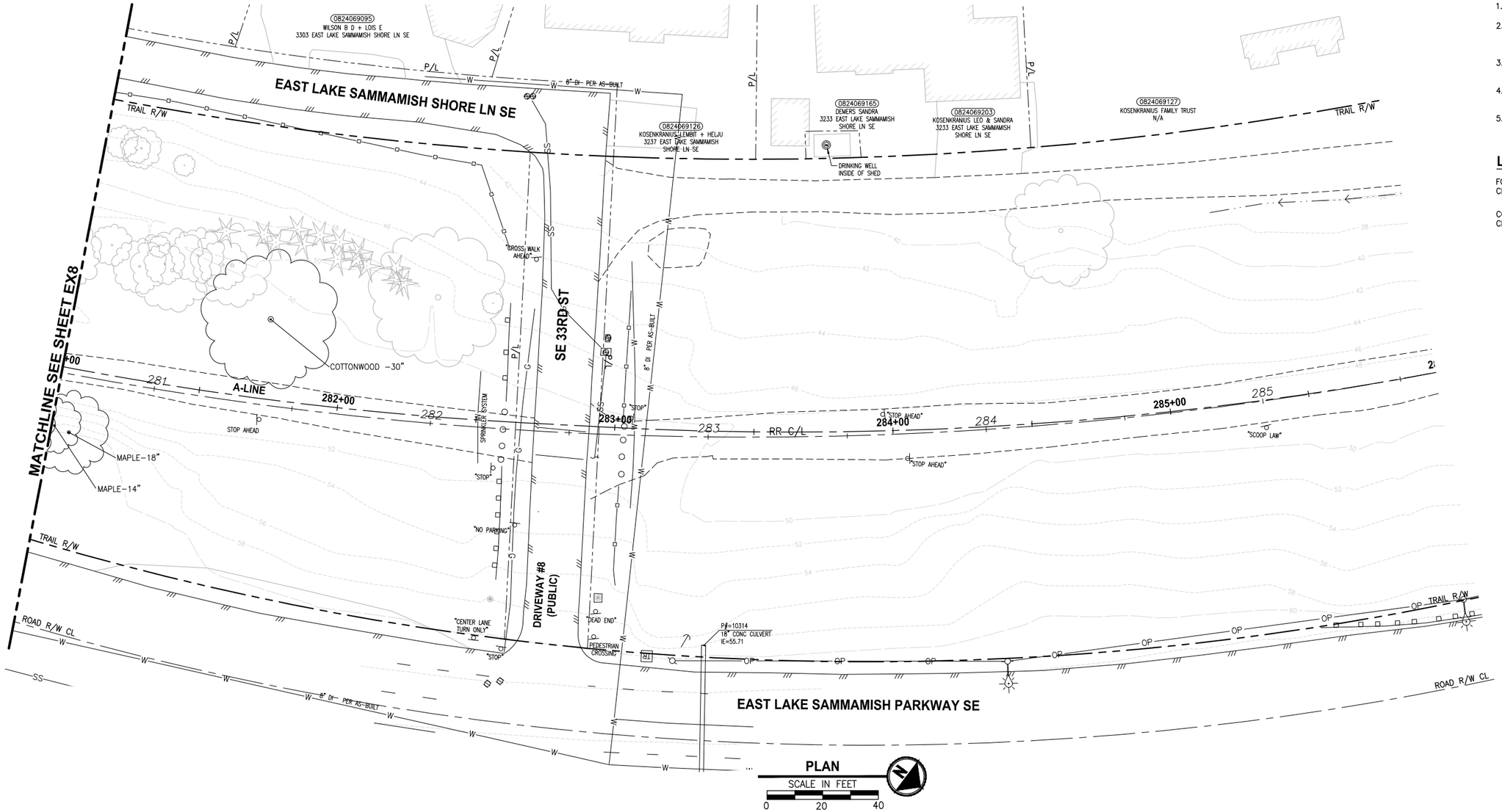

GENERAL NOTES:

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CONSTRUCTION CENTERLINE — 220+00 + A-LINE

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

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

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FILE NAME BL1521075P20T03EX-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

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
WWW.PARAMETRIX.COM

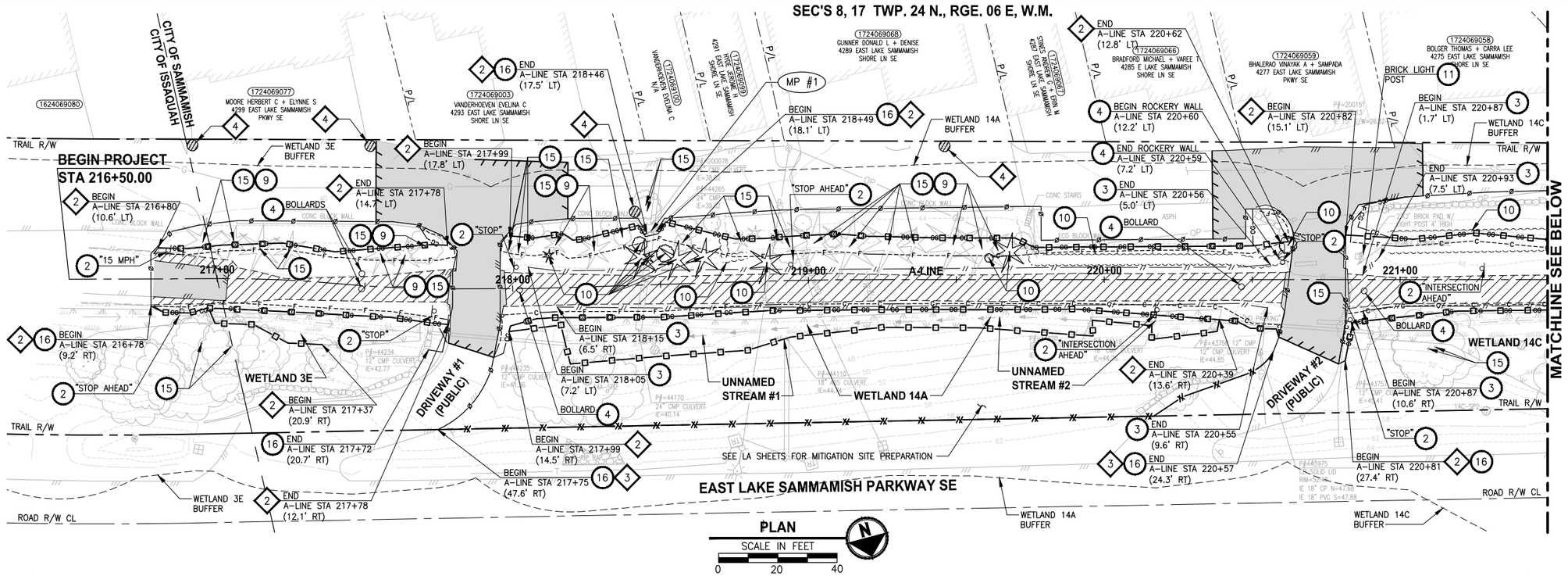
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

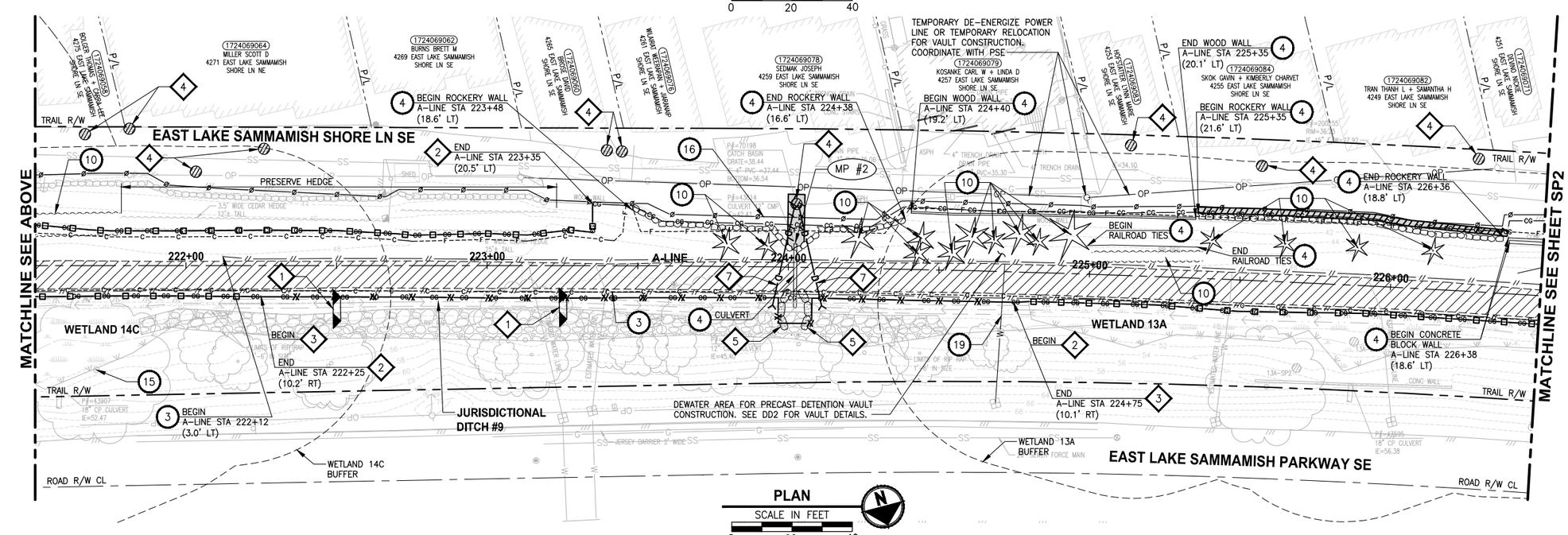
EXISTING CONDITIONS PLAN

SHEET NO. 16 OF 78

EX9

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995vcs\CADD\Phase 20\Task 03\DWG\
PLOTTED BY: purgabut DATE: Tuesday, April 21, 2015 2:37:55 PM
LAYOUT: EX9





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. ARBORIST SHALL BE ON SITE TO MONITOR THE PRUNING ACTIVITY.
10. REMOVE TREE OR HEDGE WITHIN CLEARING AND GRUBBING LIMITS.
11. PROTECT EXISTING STRUCTURE.
12. RETAIN TREE WITHIN CLEARING AND GRUBBING LIMITS PER ARBORISTS' ASSESSMENT.
13. PRUNE TREE ROOT. TREE SHALL BE FLAGGED AND ASSESSED BY ARBORIST PRIOR TO PRUNING.
14. REMOVE DEAD STEM.
15. PRESERVE AND MONITOR TREE. IF TREE REMOVAL IS DEEMED NECESSARY BY THE PROJECT REPRESENTATIVE AND ARBORIST, TREE SHALL BE FLAGGED PRIOR TO REMOVAL.
16. INSTALL TEMPORARY SAFETY FENCE. SEE SPECIAL PROVISIONS.
17. REMOVE ALL BRANCHES AND LEAVE 18' TALL TRUNK AS HABITAT SNAG.
18. NOT USED.
19. RELOCATE WATER SERVICE LOCATION.
20. RELOCATE MAILBOX. SEE AL SHEETS FOR NEW LOCATION.
21. ADJUST WATER METER TO FINISHED GRADE.
22. RELOCATE WATER METER.
23. PRESERVE EXISTING WOOD BOARD FENCE.

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. TEMPORARY BYPASS.

LEGEND:

- REMOVE EXISTING GRAVEL SURFACE
- PAVEMENT EXCAVATION LIMIT
- INLET PROTECTION
- STABILIZED CONSTRUCTION ENTRANCE
- MP # — NPDES CONSTRUCTION STORMWATER DISCHARGE MONITORING POINT

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

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.

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03SP-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

YAMMIE Y. HO — STATE OF WASHINGTON — 14859 — REGISTERED PROFESSIONAL ENGINEER
CRAIG A. BUITRAGO — STATE OF WASHINGTON — 49427 — REGISTERED PROFESSIONAL ENGINEER

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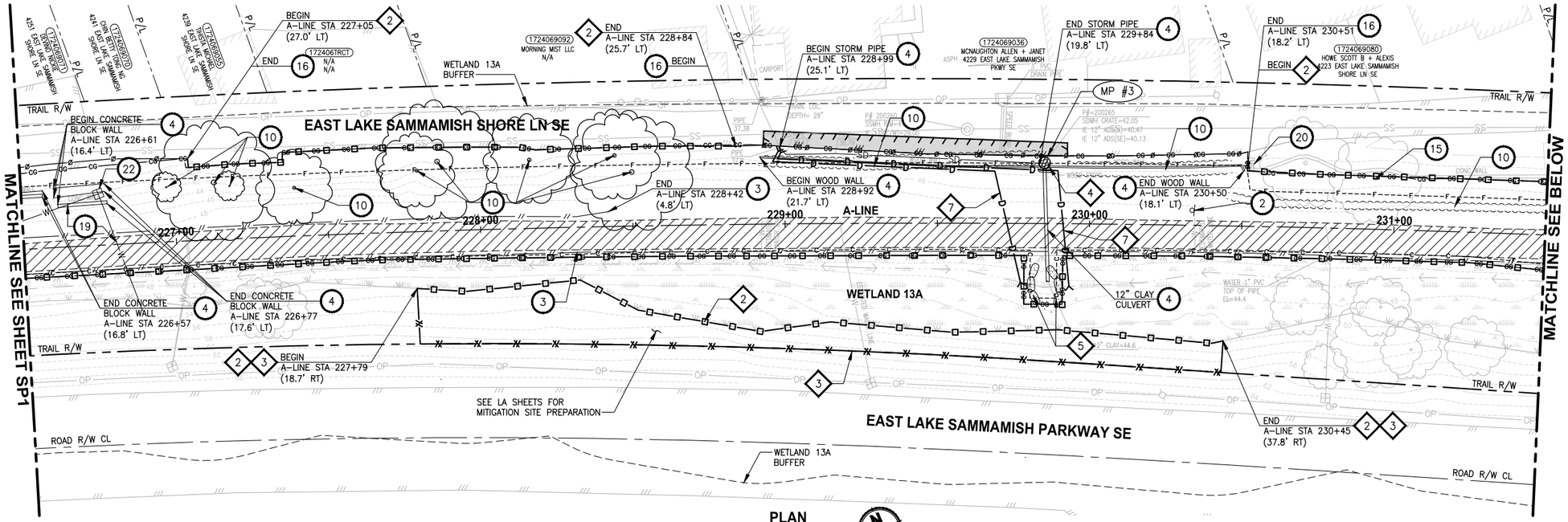
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

SITE PREPARATION AND TESC PLAN

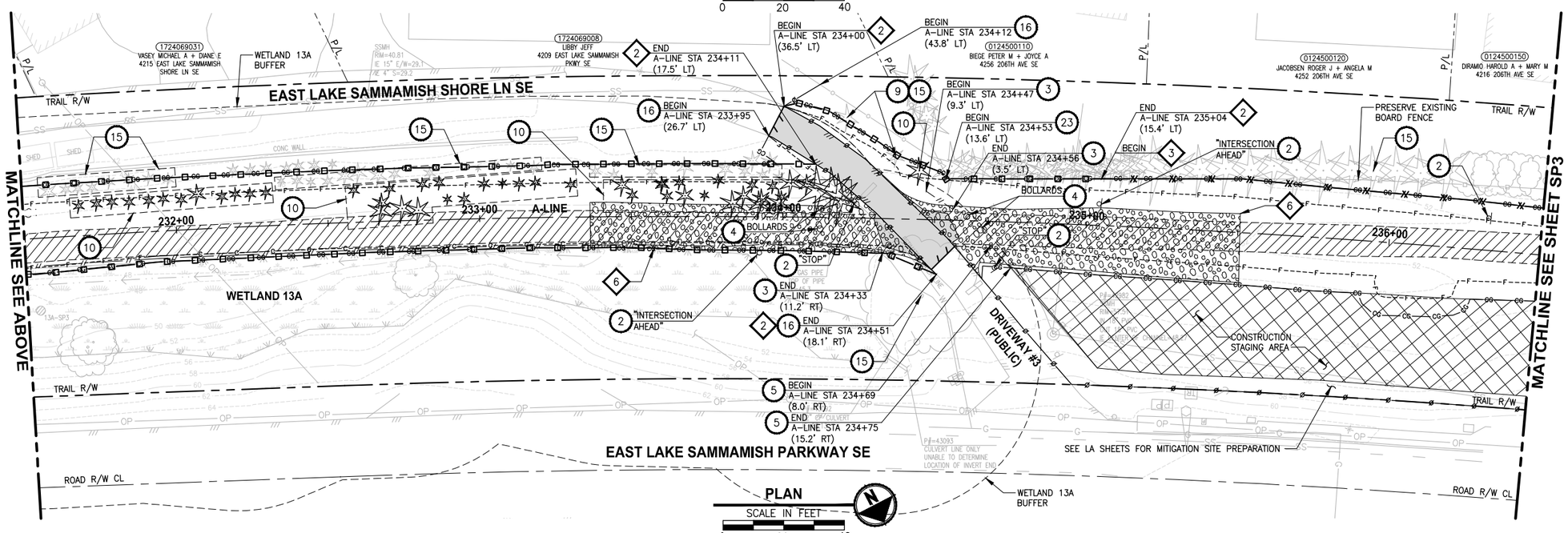
SHEET NO.
17 OF 78
SP1

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Scs\CADD\Phase 20\Task 03\DWG\
PLOTTED BY: purgabut DATE: Thursday, April 23, 2015 9:00:11 AM
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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2. REMOVE AND SALVAGE SIGN.
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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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20. RELOCATE MAILBOX. SEE AL SHEETS FOR NEW LOCATION.
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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. TEMPORARY BYPASS.

LEGEND:

- REMOVE EXISTING GRAVEL SURFACE
- PAVEMENT EXCAVATION LIMIT
- INLET PROTECTION
- STABILIZED CONSTRUCTION ENTRANCE
- MP # — NPDES CONSTRUCTION STORMWATER DISCHARGE MONITORING POINT

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

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.

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03SP-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

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

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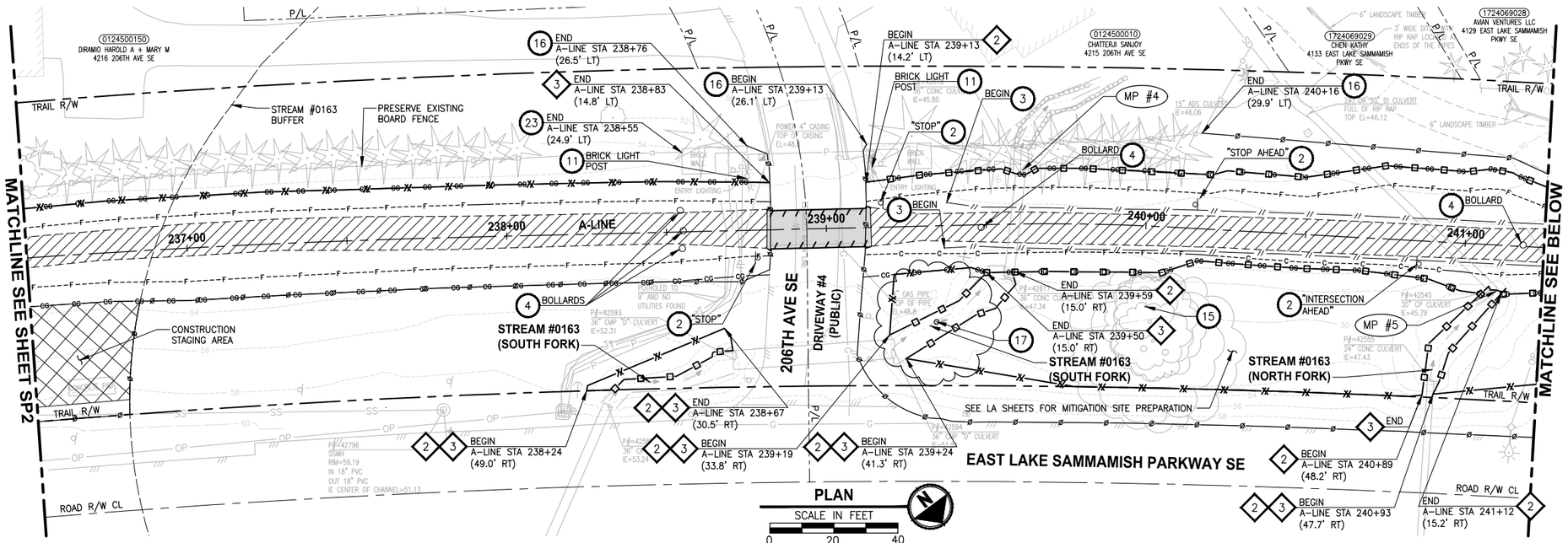
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

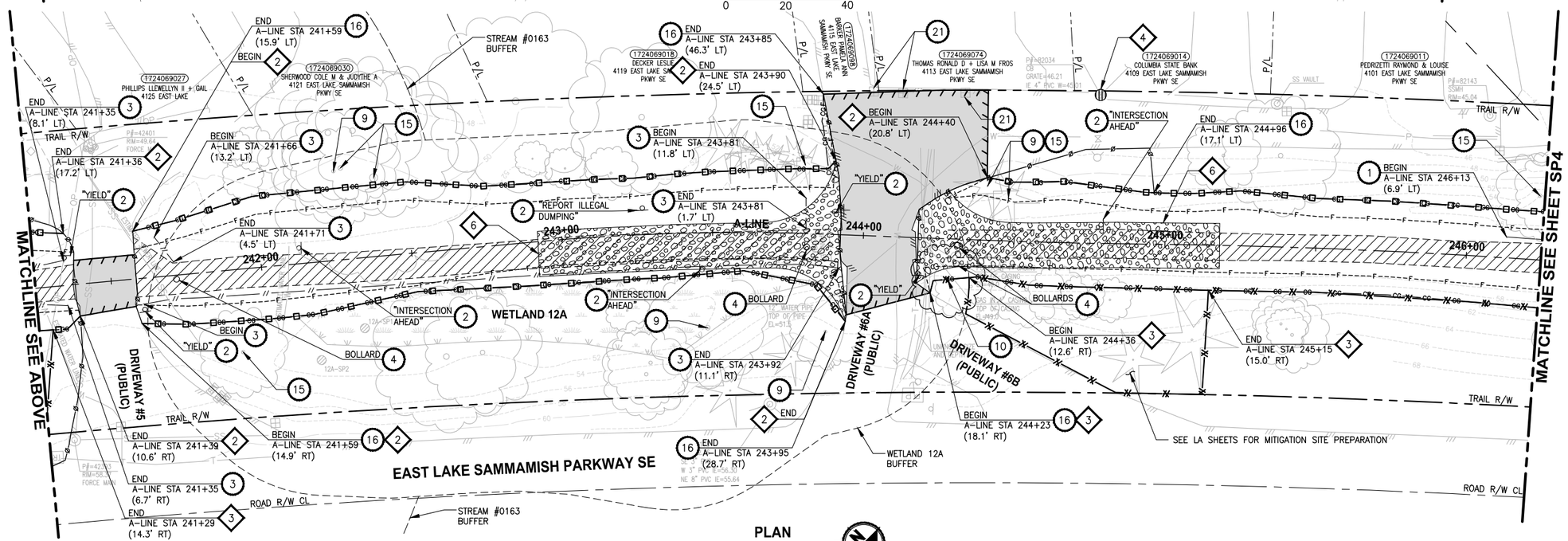
SITE PREPARATION AND TESC PLAN

SHEET NO. 18 OF 78
SP2

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Sves\CADD\Phase 20\Task 03\DWG\
PLOTTED BY: purgobut DATE: Thursday, April 23, 2015 9:00:26 AM
LAYOUT: SP2

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.
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. ARBORIST SHALL BE ON SITE TO MONITOR THE PRUNING ACTIVITY.
10. REMOVE TREE OR HEDGE WITHIN CLEARING AND GRUBBING LIMITS.
11. PROTECT EXISTING STRUCTURE.
12. RETAIN TREE WITHIN CLEARING AND GRUBBING LIMITS PER ARBORISTS' ASSESSMENT.
13. PRUNE TREE ROOT. TREE SHALL BE FLAGGED AND ASSESSED BY ARBORIST PRIOR TO PRUNING.
14. REMOVE DEAD STEM.
15. PRESERVE AND MONITOR TREE. IF TREE REMOVAL IS DEEMED NECESSARY BY THE PROJECT REPRESENTATIVE AND ARBORIST, TREE SHALL BE FLAGGED PRIOR TO REMOVAL.
16. INSTALL TEMPORARY SAFETY FENCE. SEE SPECIAL PROVISIONS.
17. REMOVE ALL BRANCHES AND LEAVE 18' TALL TRUNK AS HABITAT SNAG.
18. NOT USED.
19. RELOCATE WATER SERVICE LOCATION.
20. RELOCATE MAILBOX. SEE AL SHEETS FOR NEW LOCATION.
21. ADJUST WATER METER TO FINISHED GRADE.
22. RELOCATE WATER METER.
23. PRESERVE EXISTING WOOD BOARD FENCE.

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. TEMPORARY BYPASS.

LEGEND:

- REMOVE EXISTING GRAVEL SURFACE
- PAVEMENT EXCAVATION LIMIT
- INLET PROTECTION
- STABILIZED CONSTRUCTION ENTRANCE
- MP # — NPDES CONSTRUCTION STORMWATER DISCHARGE MONITORING POINT

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

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.

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03SP-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

YAMMIE Y. HO — STATE OF WASHINGTON — 46829 — REGISTERED PROFESSIONAL ENGINEER
CRAIG A. BUTRAGO — STATE OF WASHINGTON — 49427 — REGISTERED PROFESSIONAL ENGINEER
PRELIMINARY

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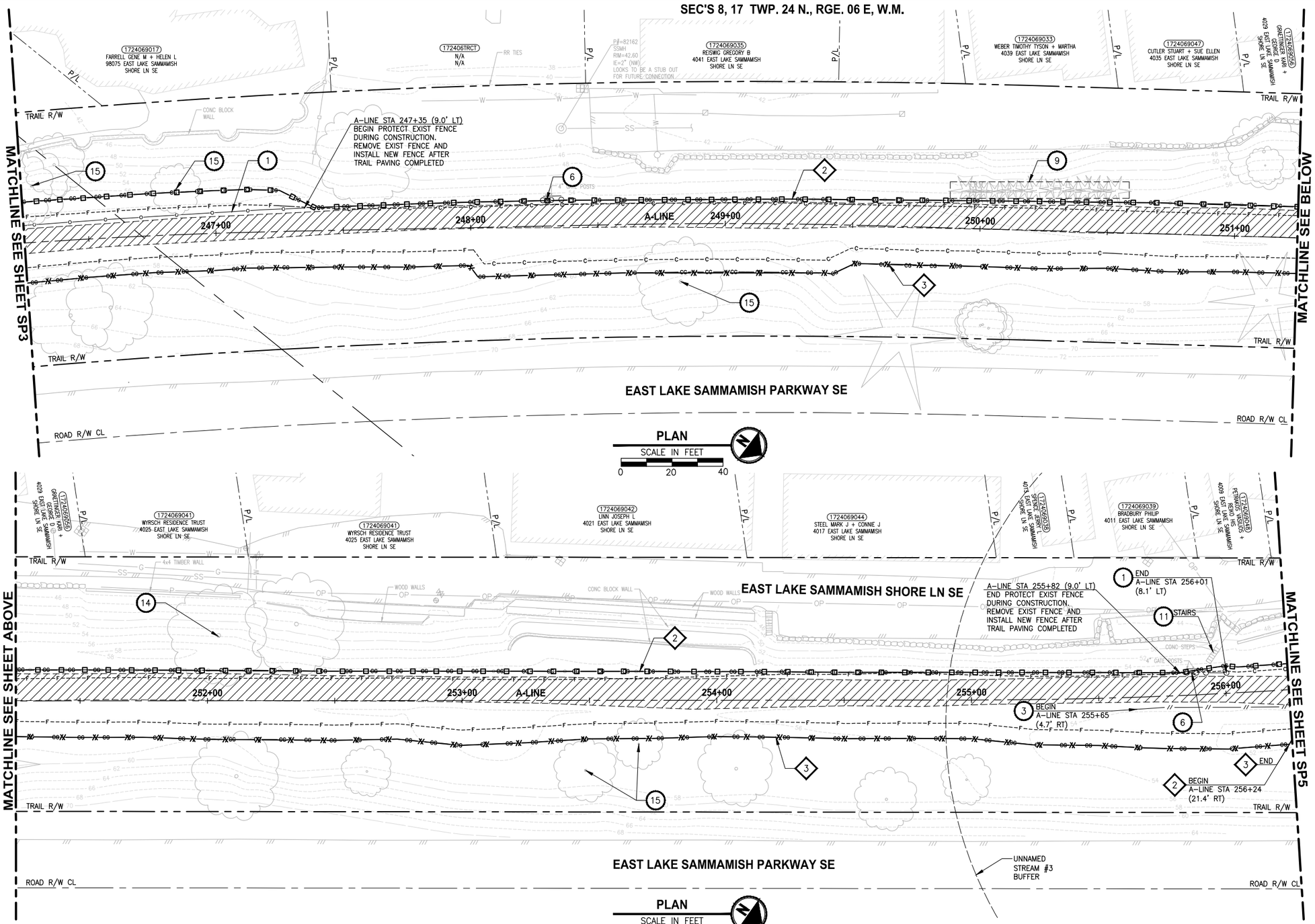
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

SITE PREPARATION AND TESC PLAN

SHEET NO. 19 OF 78
SP3

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\
LAYOUT: SP3
PLOTTED BY: purgabut DATE: Thursday, April 23, 2015 9:00:41 AM



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. ARBORIST SHALL BE ON SITE TO MONITOR THE PRUNING ACTIVITY.
10. REMOVE TREE OR HEDGE WITHIN CLEARING AND GRUBBING LIMITS.
11. PROTECT EXISTING STRUCTURE.
12. RETAIN TREE WITHIN CLEARING AND GRUBBING LIMITS PER ARBORISTS' ASSESSMENT.
13. PRUNE TREE ROOT. TREE SHALL BE FLAGGED AND ASSESSED BY ARBORIST PRIOR TO PRUNING.
14. REMOVE DEAD STEM.
15. PRESERVE AND MONITOR TREE. IF TREE REMOVAL IS DEEMED NECESSARY BY THE PROJECT REPRESENTATIVE AND ARBORIST, TREE SHALL BE FLAGGED PRIOR TO REMOVAL.
16. INSTALL TEMPORARY SAFETY FENCE. SEE SPECIAL PROVISIONS.
17. REMOVE ALL BRANCHES AND LEAVE 18' TALL TRUNK AS HABITAT SNAG.
18. NOT USED.
19. RELOCATE WATER SERVICE LOCATION.
20. RELOCATE MAILBOX. SEE AL SHEETS FOR NEW LOCATION.
21. ADJUST WATER METER TO FINISHED GRADE.
22. RELOCATE WATER METER.
23. PRESERVE EXISTING WOOD BOARD FENCE.

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.
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5. SANDBAG DAM.
6. STABILIZED CONSTRUCTION ENTRANCE, PER WSDOT STANDARD DETAIL I-80.10-01.
7. TEMPORARY BYPASS.

LEGEND:

- REMOVE EXISTING GRAVEL SURFACE
- PAVEMENT EXCAVATION LIMIT
- INLET PROTECTION
- STABILIZED CONSTRUCTION ENTRANCE
- MP # — NPDES CONSTRUCTION STORMWATER DISCHARGE MONITORING POINT

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

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.

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03SP-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

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

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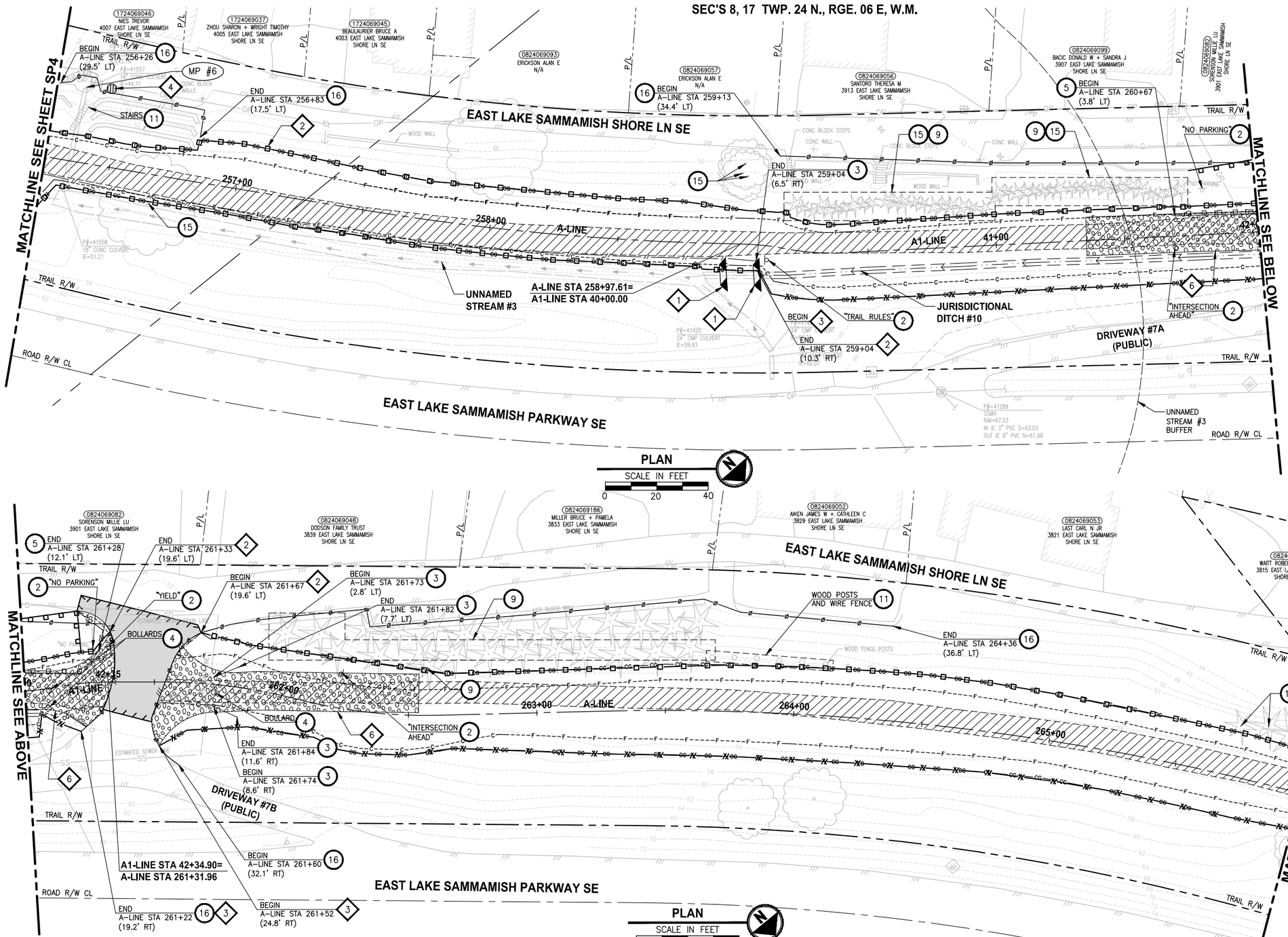
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

SITE PREPARATION AND TESC PLAN

SHEET NO. 20 OF 78
SP4

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\
PLOTTED BY: purgabut DATE: Thursday, April 23, 2015 9:00:55 AM
LAYOUT: SP4



SITE PREPARATION NOTES:

1. REMOVE AND SALVAGE CHAIN LINK FENCE.
2. REMOVE AND SALVAGE SIGN.
3. REMOVE AND SALVAGE SPLIT RAIL FENCE.
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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. ARBORIST SHALL BE ON SITE TO MONITOR THE PRUNING ACTIVITY.
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17. REMOVE ALL BRANCHES AND LEAVE 18' TALL TRUNK AS HABITAT SNAG.
18. NOT USED.
19. RELOCATE WATER SERVICE LOCATION.
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21. ADJUST WATER METER TO FINISHED GRADE.
22. RELOCATE WATER METER.
23. PRESERVE EXISTING WOOD BOARD FENCE.

TESC NOTES:

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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. TEMPORARY BYPASS.

LEGEND:

- REMOVE EXISTING GRAVEL SURFACE
- PAVEMENT EXCAVATION LIMIT
- INLET PROTECTION
- STABILIZED CONSTRUCTION ENTRANCE
- MP # — NPDES CONSTRUCTION STORMWATER DISCHARGE MONITORING POINT

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

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.

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03SP-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

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

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P 206.394.3700
WWW.PARAMETRIX.COM

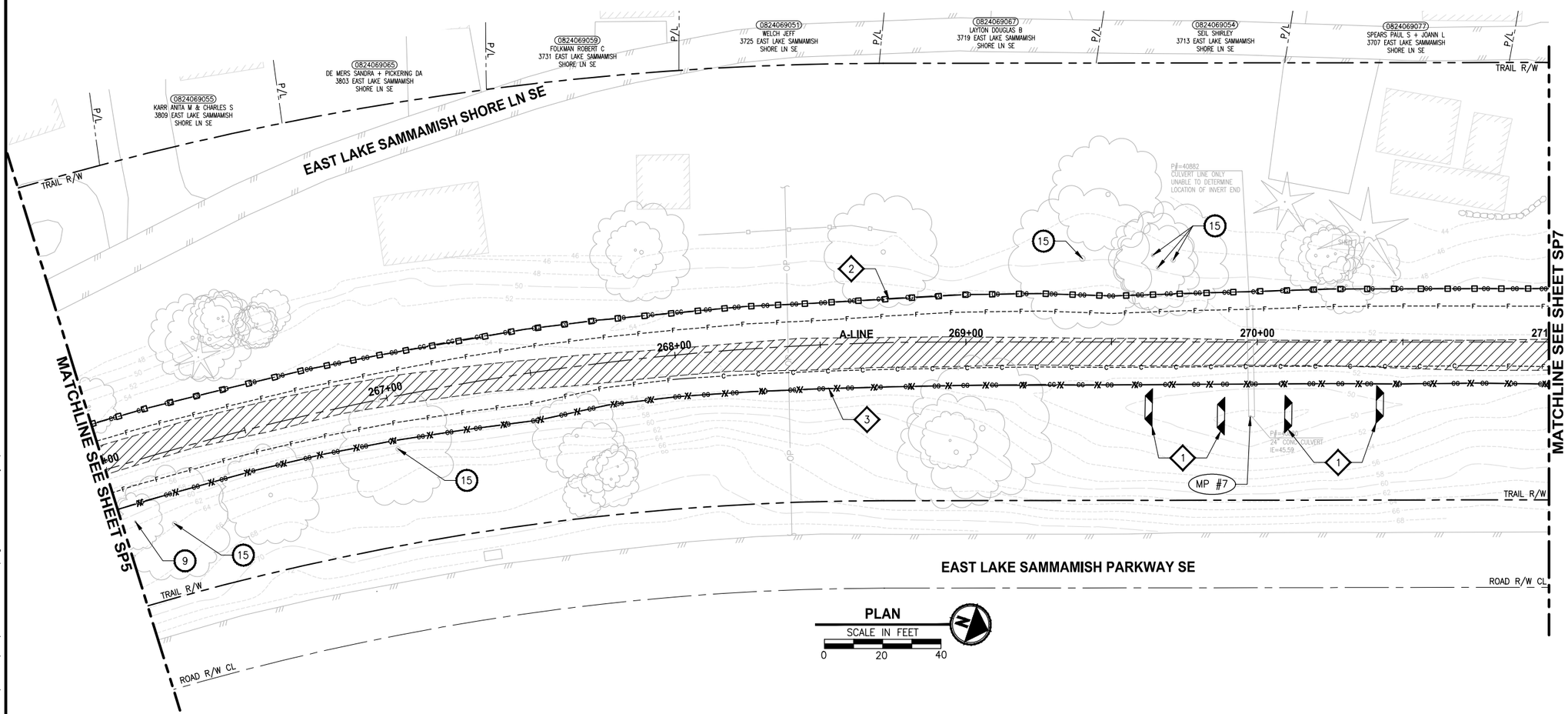
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

SITE PREPARATION AND TESC PLAN

SHEET NO. 21 OF 78
SP5

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Sves\CADD\Phase 20\Task 03\DWG\
PLOTTED BY: purgabut DATE: Thursday, April 23, 2015 9:01:11 AM
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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6. REMOVE AND SALVAGE CHAIN LINK GATE.
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8. RELOCATE TRASH CAN. SEE PS SHEETS.
9. PRUNE TREE FOR 10' VERTICAL CLEARANCE. ARBORIST SHALL BE ON SITE TO MONITOR THE PRUNING ACTIVITY.
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17. REMOVE ALL BRANCHES AND LEAVE 18' TALL TRUNK AS HABITAT SNAG.
18. NOT USED.
19. RELOCATE WATER SERVICE LOCATION.
20. RELOCATE MAILBOX. SEE AL SHEETS FOR NEW LOCATION.
21. ADJUST WATER METER TO FINISHED GRADE.
22. RELOCATE WATER METER.
23. PRESERVE EXISTING WOOD BOARD FENCE.

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.
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5. SANDBAG DAM.
6. STABILIZED CONSTRUCTION ENTRANCE, PER WSDOT STANDARD DETAIL I-80.10-01.
7. TEMPORARY BYPASS.

LEGEND:

- REMOVE EXISTING GRAVEL SURFACE
- PAVEMENT EXCAVATION LIMIT
- INLET PROTECTION
- STABILIZED CONSTRUCTION ENTRANCE
- MP # — NPDES CONSTRUCTION STORMWATER DISCHARGE MONITORING POINT

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

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.

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

DESIGNED J. JUN / C. BUITRAGO
DRAWN B. PURGANAN
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APPROVED O. KIKUTA

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03SP-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

YAMMIE Y. HO — STATE OF WASHINGTON — 14889 — REGISTERED PROFESSIONAL ENGINEER
CRAIG A. BUTRAGO — STATE OF WASHINGTON — 49427 — REGISTERED PROFESSIONAL ENGINEER

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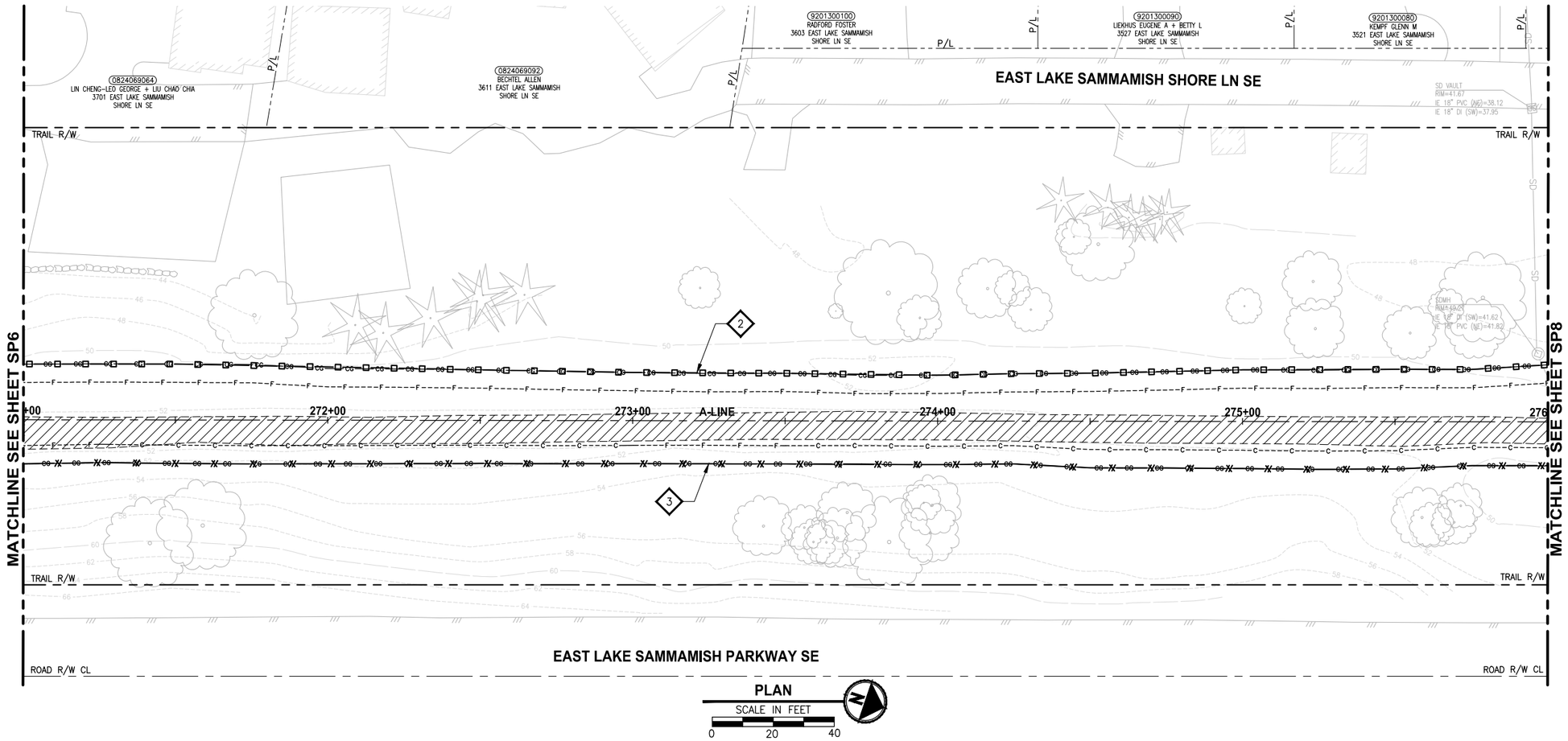
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

SITE PREPARATION AND TESC PLAN

SHEET NO.
22 OF 78
SP6

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, April 23, 2015 9:01:20 AM
LAYOUT: SP6

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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TESC NOTES:

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2. HIGH VISIBILITY SILT FENCE (WITH BACKUP SUPPORT) PER WSDOT STANDARD DETAIL I-30.16-00.
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7. TEMPORARY BYPASS.

LEGEND:

- REMOVE EXISTING GRAVEL SURFACE
- PAVEMENT EXCAVATION LIMIT
- INLET PROTECTION
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- MP # — NPDES CONSTRUCTION STORMWATER DISCHARGE MONITORING POINT

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

GENERAL NOTE:

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DPER ACTIVITY NUMBER
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REVISIONS	DATE	BY

DESIGNED J. JUN / C. BUITRAGO
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YAMMIE Y. HO — STATE OF WASHINGTON — 14859 — REGISTERED PROFESSIONAL ENGINEER
CRAIG A. BUITRAGO — STATE OF WASHINGTON — 49427 — REGISTERED PROFESSIONAL ENGINEER

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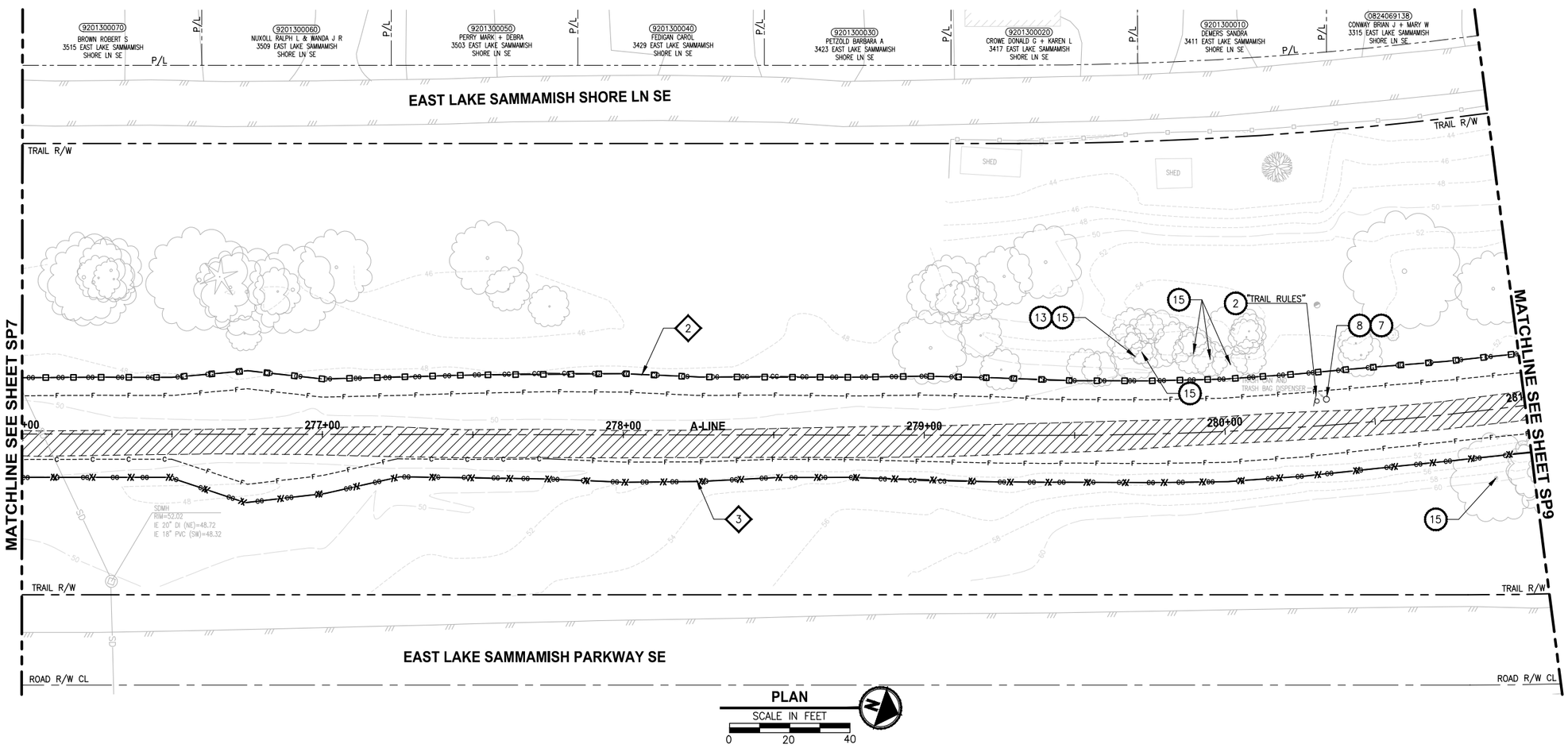
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

SITE PREPARATION AND TESC PLAN

SHEET NO.
23 OF 78
SP7

LAYOUT: SP7 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, April 23, 2015 9:01:30 AM

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.
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. ARBORIST SHALL BE ON SITE TO MONITOR THE PRUNING ACTIVITY.
10. REMOVE TREE OR HEDGE WITHIN CLEARING AND GRUBBING LIMITS.
11. PROTECT EXISTING STRUCTURE.
12. RETAIN TREE WITHIN CLEARING AND GRUBBING LIMITS PER ARBORISTS' ASSESSMENT.
13. PRUNE TREE ROOT. TREE SHALL BE FLAGGED AND ASSESSED BY ARBORIST PRIOR TO PRUNING.
14. REMOVE DEAD STEM.
15. PRESERVE AND MONITOR TREE. IF TREE REMOVAL IS DEEMED NECESSARY BY THE PROJECT REPRESENTATIVE AND ARBORIST, TREE SHALL BE FLAGGED PRIOR TO REMOVAL.
16. INSTALL TEMPORARY SAFETY FENCE. SEE SPECIAL PROVISIONS.
17. REMOVE ALL BRANCHES AND LEAVE 18' TALL TRUNK AS HABITAT SNAG.
18. NOT USED.
19. RELOCATE WATER SERVICE LOCATION.
20. RELOCATE MAILBOX. SEE AL SHEETS FOR NEW LOCATION.
21. ADJUST WATER METER TO FINISHED GRADE.
22. RELOCATE WATER METER.
23. PRESERVE EXISTING WOOD BOARD FENCE.

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. TEMPORARY BYPASS.

LEGEND:

- REMOVE EXISTING GRAVEL SURFACE
- PAVEMENT EXCAVATION LIMIT
- INLET PROTECTION
- STABILIZED CONSTRUCTION ENTRANCE
- MP # — NPDES CONSTRUCTION STORMWATER DISCHARGE MONITORING POINT

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

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.

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03SP-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

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

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

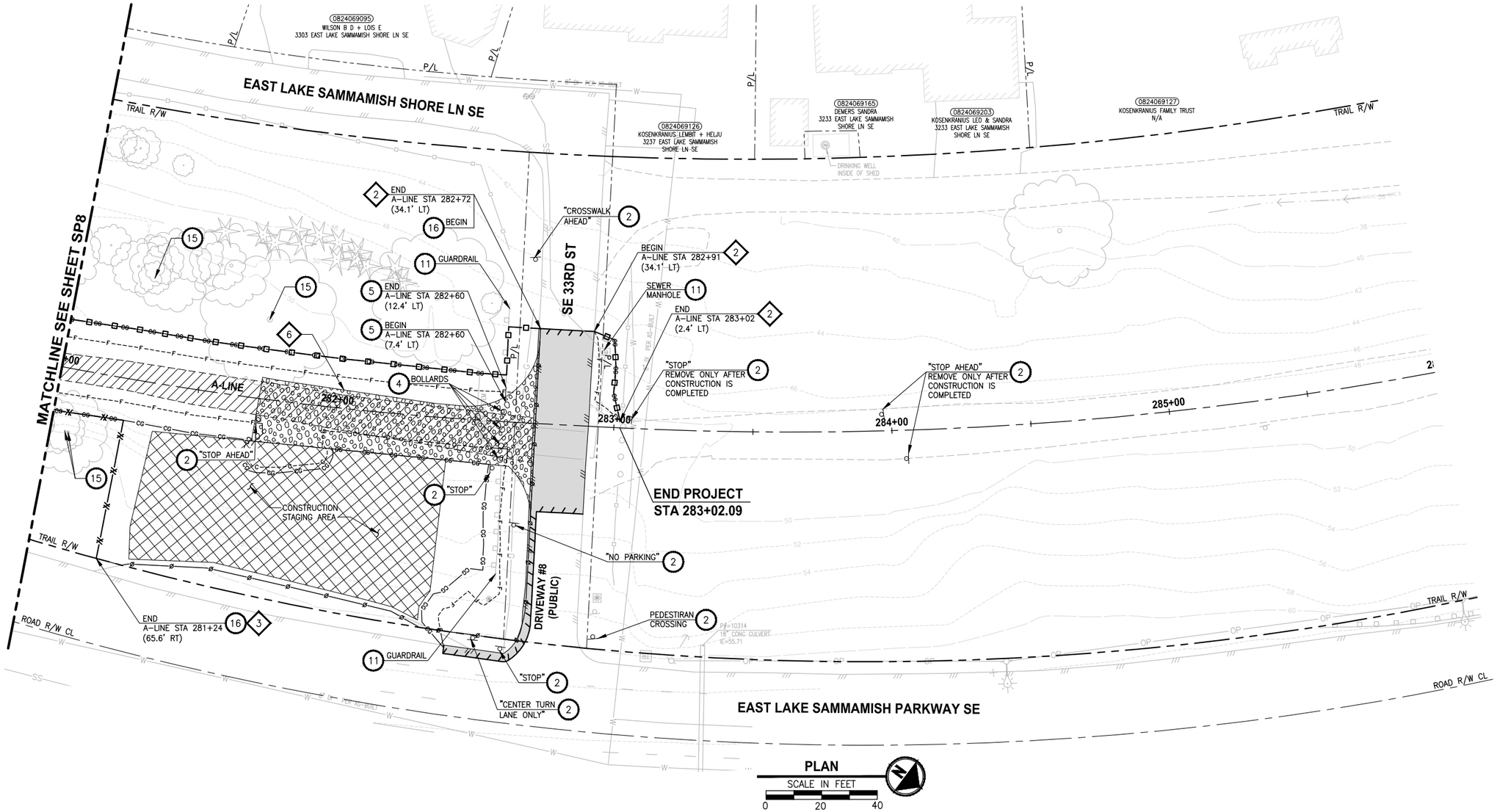
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

SITE PREPARATION AND TESC PLAN

SHEET NO.
24 OF 78
SP8

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, April 23, 2015 9:01:40 AM LAYOUT: SP8

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.
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. ARBORIST SHALL BE ON SITE TO MONITOR THE PRUNING ACTIVITY.
10. REMOVE TREE OR HEDGE WITHIN CLEARING AND GRUBBING LIMITS.
11. PROTECT EXISTING STRUCTURE.
12. RETAIN TREE WITHIN CLEARING AND GRUBBING LIMITS PER ARBORISTS' ASSESSMENT.
13. PRUNE TREE ROOT. TREE SHALL BE FLAGGED AND ASSESSED BY ARBORIST PRIOR TO PRUNING.
14. REMOVE DEAD STEM.
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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. NOT USED.
19. RELOCATE WATER SERVICE LOCATION.
20. RELOCATE MAILBOX. SEE AL SHEETS FOR NEW LOCATION.
21. ADJUST WATER METER TO FINISHED GRADE.
22. RELOCATE WATER METER.
23. PRESERVE EXISTING WOOD BOARD FENCE.

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. TEMPORARY BYPASS.

LEGEND:

- REMOVE EXISTING GRAVEL SURFACE
- PAVEMENT EXCAVATION LIMIT
- INLET PROTECTION
- STABILIZED CONSTRUCTION ENTRANCE
- MP # — NPDES CONSTRUCTION STORMWATER DISCHARGE MONITORING POINT

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

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.

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03SP-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

YAMMIE Y. HO — STATE OF WASHINGTON — 14829 — REGISTERED PROFESSIONAL ENGINEER
CRAIG A. BUITRAGO — STATE OF WASHINGTON — 49427 — REGISTERED PROFESSIONAL ENGINEER

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P 206.394.3700
WWW.PARAMETRIX.COM

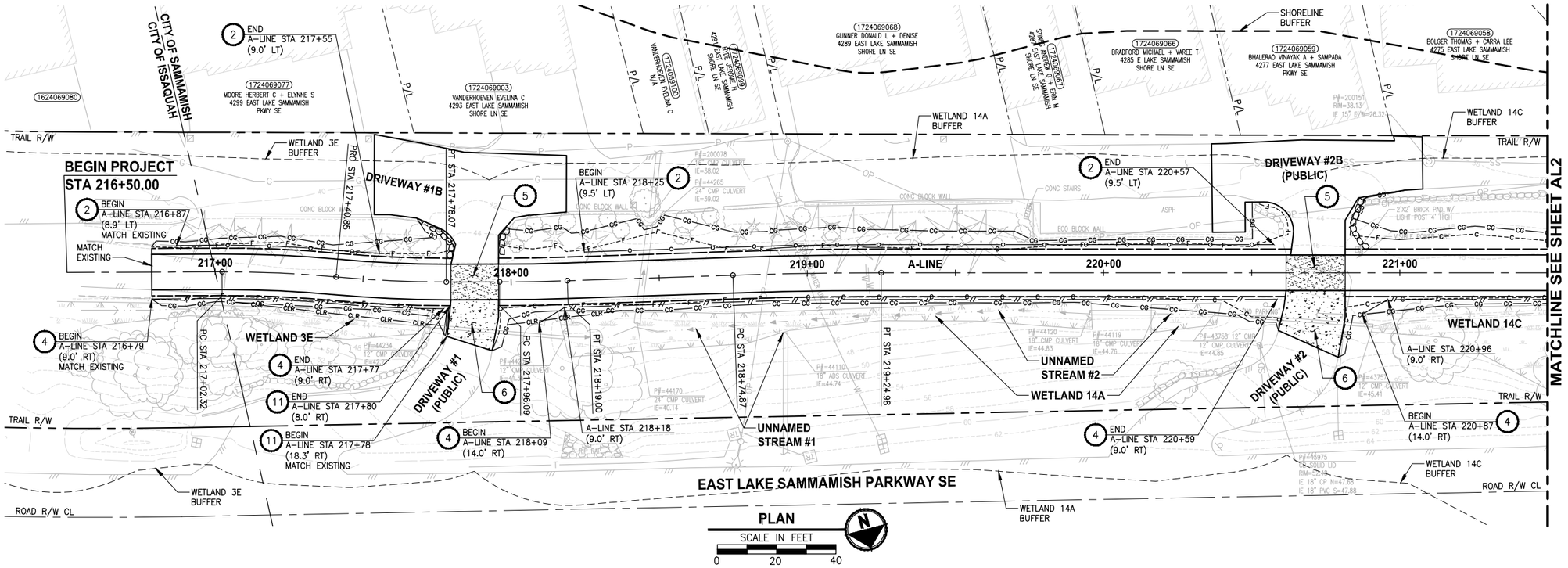
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

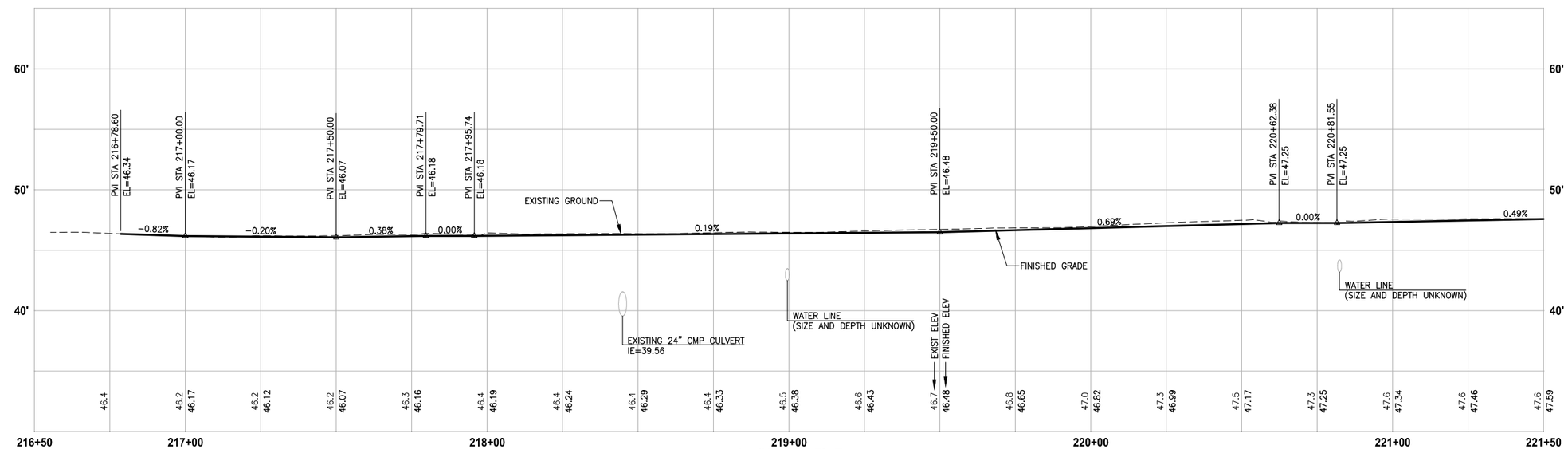
SITE PREPARATION AND TESC PLAN

SHEET NO. 25 OF 78
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, April 23, 2015 9:01:50 AM

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





A-LINE PROFILE

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

CIVIL CONSTRUCTION NOTES:

1. INSTALL STRUCTURAL EARTH WALL. SEE WALL DETAILS ON SHEET WD1. SEE WALL PROFILES ON WP SHEETS.
2. INSTALL COATED CHAIN LINK FENCE TYPE 6. FOR GROUND POST INSTALLATION SEE APPENDIX B IN THE SPECIFICATIONS. SEE SHEET WD1 FOR INSTALLATION ON TOP OF WALL.
3. INSTALL CHAIN LINK CANTILEVER GATE, SEE DETAIL ON SHEET MD2.
4. INSTALL SPLIT RAIL FENCE, SEE DETAILS ON SHEET MD3.
5. INSTALL PATTERNED CONCRETE INTERSECTION, SEE DETAILS ON SHEET MD2 AND DP SHEETS.
6. CEMENT CONCRETE DRIVEWAY APPROACH. SEE DP SHEETS.
7. NOT USED.
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 WOOD GUARDRAIL, SEE DETAILS ON SHEET MD3.
13. NOT USED.
14. INSTALL REST STOP TYPE 1, SEE DETAILS ON SHEET MD3.

STORMWATER CONSTRUCTION NOTES:

1. CONCRETE HEADWALL, SEE DETAILS ON SHEET DD1 AND WP SHEETS.
2. ROCK PAD, SEE DETAIL 2 ON SHEET DD1 AND WP SHEETS.
3. CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
4. INFILTRATION TRENCH, SEE DETAIL 3 ON SHEET DD1.
5. CONCRETE CHANNEL, SEE DD1 FOR DETAILS AND SD2 FOR PROFILE.

GENERAL NOTES:

1. SEE DP SHEETS FOR DRIVEWAY PLAN AND PROFILE AND ROCKERY LOCATIONS.
2. SEE SD AND DD SHEETS FOR DETAILS RELATED TO STORM DRAIN STRUCTURES, PIPES AND DITCH.
3. SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.
4. ALL EXISTING TREES CALLED OUT TO BE REMOVED ARE NOT SHOWN ON AL SHEETS.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03AL-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

PRELIMINARY
TAMMIE 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

PLAN AND PROFILE

SHEET NO.
26 OF 78

AL1

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995vcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgobut DATE: Wednesday, April 22, 2015 3:01:39 PM
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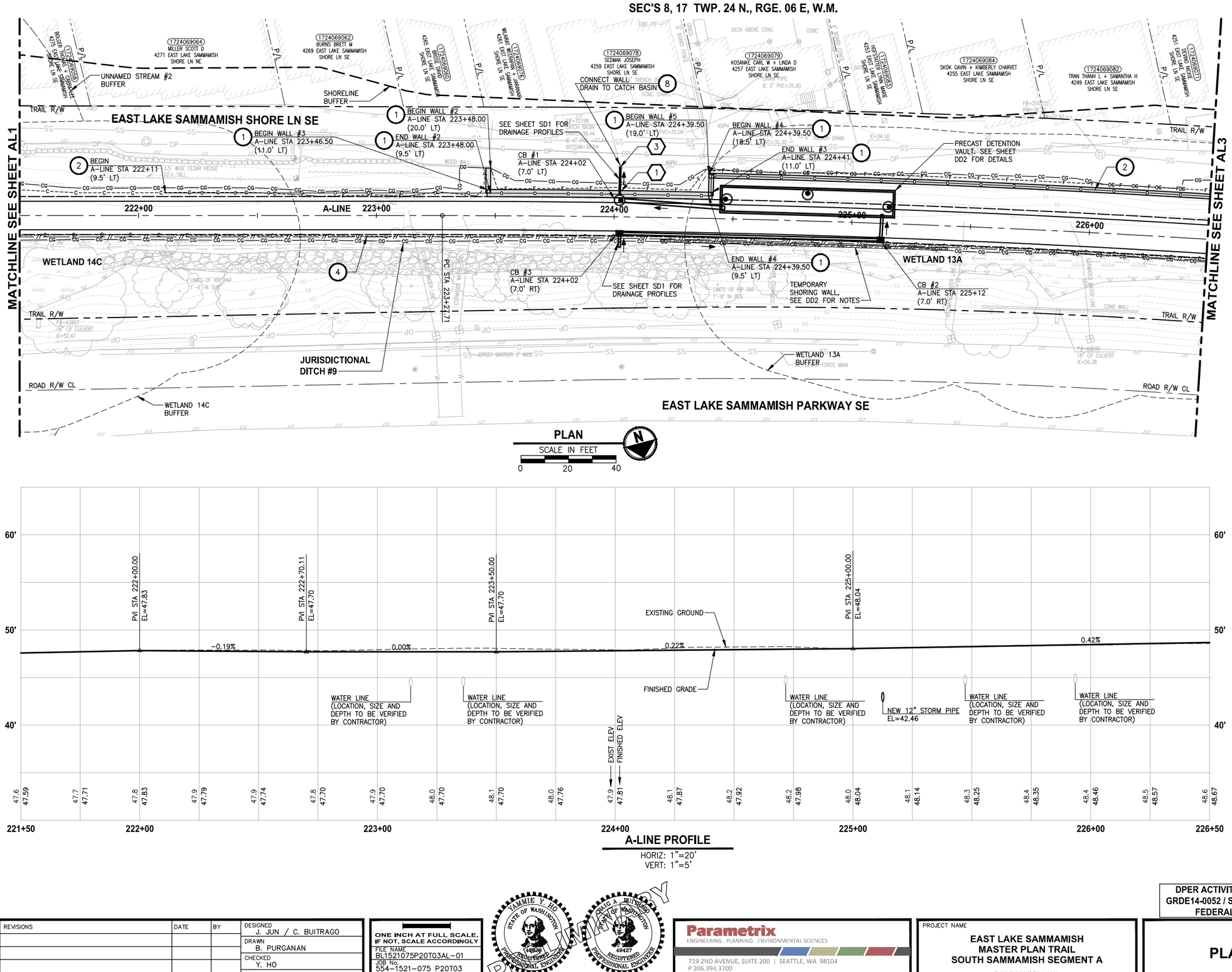

CIVIL CONSTRUCTION NOTES:

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 INTERSECTION, SEE DETAILS ON SHEET MD2 AND DP SHEETS.
6. CEMENT CONCRETE DRIVEWAY APPROACH. SEE DP SHEETS.
7. NOT USED.
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 WOOD GUARDRAIL, SEE DETAILS ON SHEET MD3.
13. NOT USED.
14. INSTALL REST STOP TYPE 1, SEE DETAILS ON SHEET MD3.

STORMWATER CONSTRUCTION NOTES:

1. CONCRETE HEADWALL, SEE DETAILS ON SHEET DD1 AND WP SHEETS.
2. ROCK PAD, SEE DETAIL 2 ON SHEET DD1 AND WP SHEETS.
3. CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
4. INFILTRATION TRENCH, SEE DETAIL 3 ON SHEET DD1.
5. CONCRETE CHANNEL, SEE DD1 FOR DETAILS AND SD2 FOR PROFILE.

GENERAL NOTES:

1. SEE DP SHEETS FOR DRIVEWAY PLAN AND PROFILE AND ROCKERY LOCATIONS.
2. SEE SD AND DD SHEETS FOR DETAILS RELATED TO STORM DRAIN STRUCTURES, PIPES AND DITCH.
3. SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.
4. ALL EXISTING TREES CALLED OUT TO BE REMOVED ARE NOT SHOWN ON AL SHEETS.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL15210 75P20T03AL-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

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

PLAN AND PROFILE

SHEET NO. 27 OF 78
AL2

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Wednesday, April 22, 2015 3:02:16 PM
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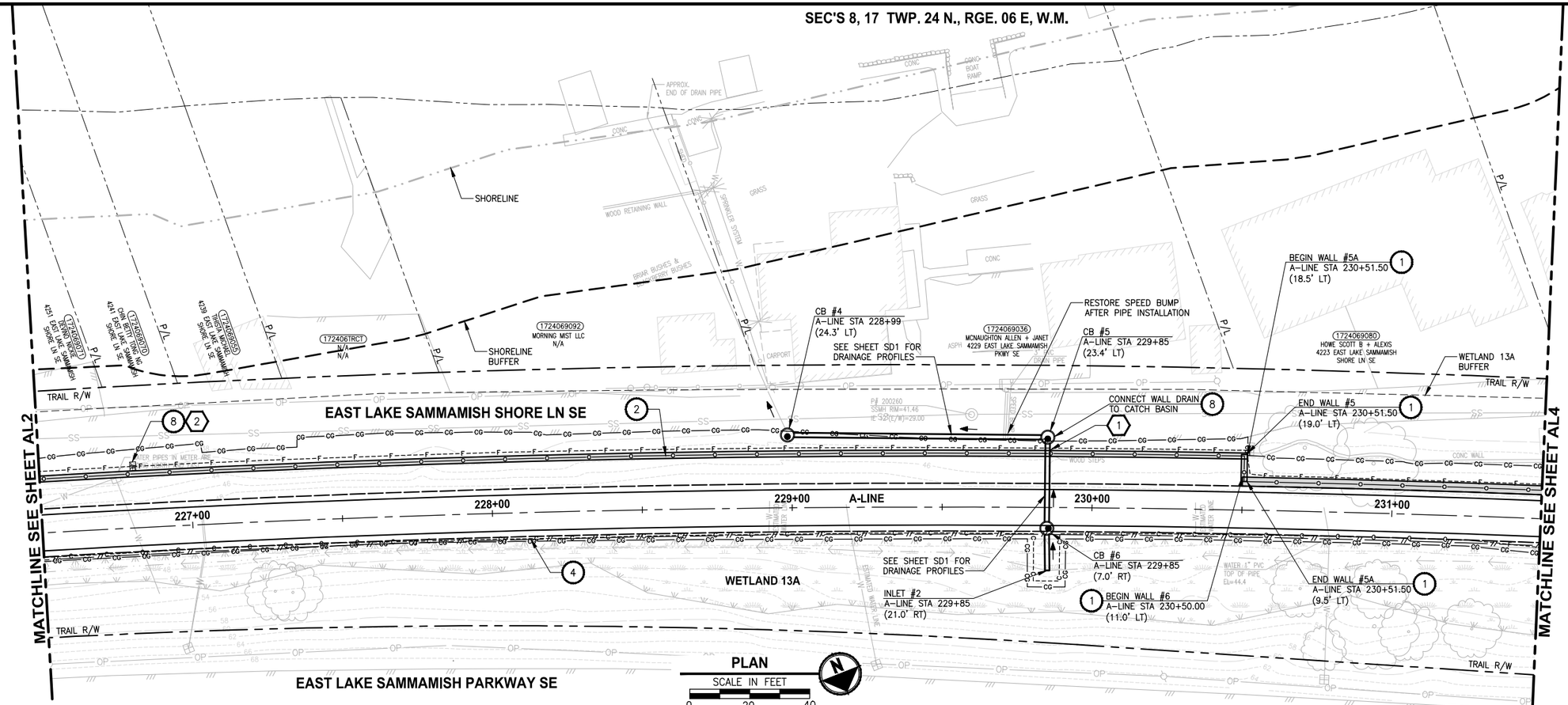

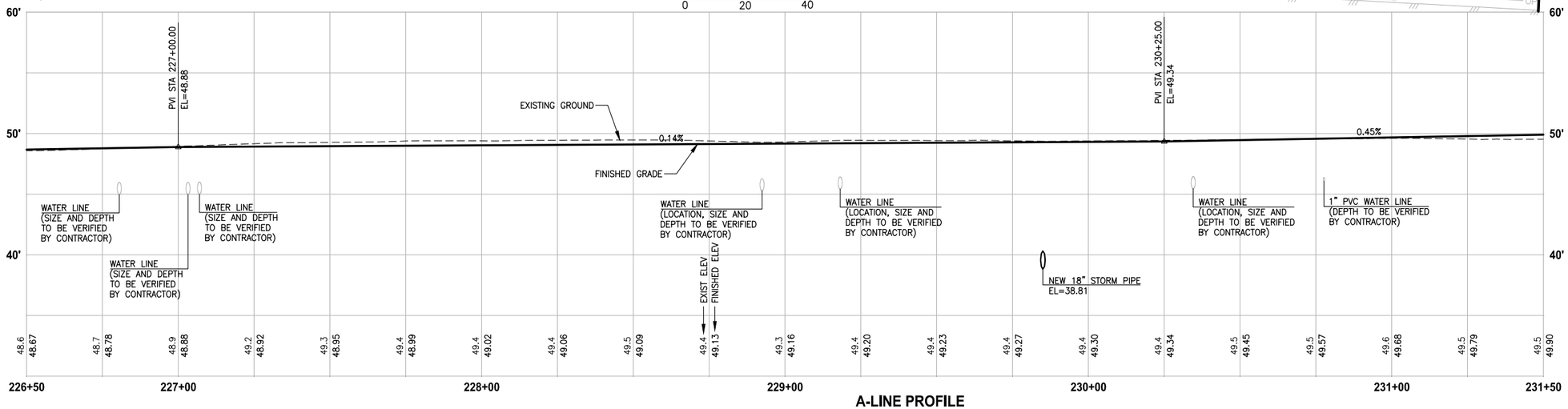

A-LINE PROFILE

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.
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 INTERSECTION, SEE DETAILS ON SHEET MD2 AND DP SHEETS.
6. CEMENT CONCRETE DRIVEWAY APPROACH. SEE DP SHEETS.
7. NOT USED.
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 WOOD GUARDRAIL, SEE DETAILS ON SHEET MD3.
13. NOT USED.
14. INSTALL REST STOP TYPE 1, SEE DETAILS ON SHEET MD3.

STORMWATER CONSTRUCTION NOTES:

1. CONCRETE HEADWALL, SEE DETAILS ON SHEET DD1 AND WP SHEETS.
2. ROCK PAD, SEE DETAIL 2 ON SHEET DD1 AND WP SHEETS.
3. CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
4. INFILTRATION TRENCH, SEE DETAIL 3 ON SHEET DD1.
5. CONCRETE CHANNEL, SEE DD1 FOR DETAILS AND SD2 FOR PROFILE.

GENERAL NOTES:

1. SEE DP SHEETS FOR DRIVEWAY PLAN AND PROFILE AND ROCKERY LOCATIONS.
2. SEE SD AND DD SHEETS FOR DETAILS RELATED TO STORM DRAIN STRUCTURES, PIPES AND DITCH.
3. SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.
4. ALL EXISTING TREES CALLED OUT TO BE REMOVED ARE NOT SHOWN ON AL SHEETS.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

▷	REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03AL-01
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YAMMIE Y. HO — STATE OF WASHINGTON — 14859 — REGISTERED PROFESSIONAL ENGINEER
CRAIG A. BUITRAGO — STATE OF WASHINGTON — 49427 — REGISTERED PROFESSIONAL ENGINEER
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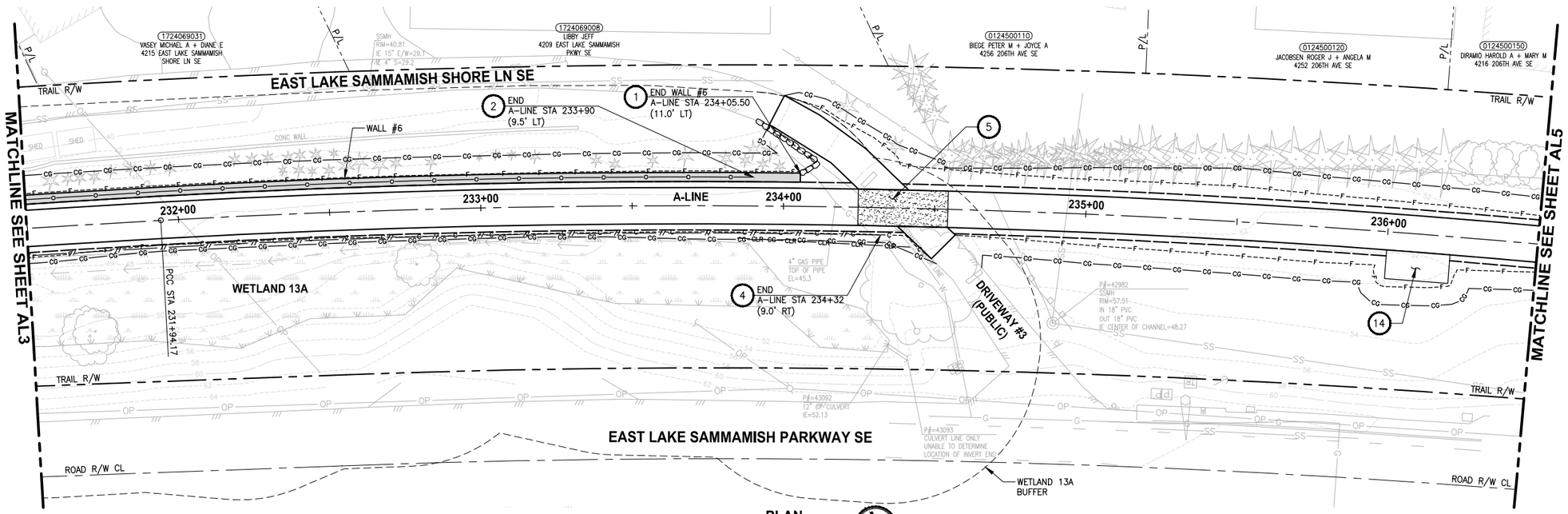
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

PLAN AND PROFILE

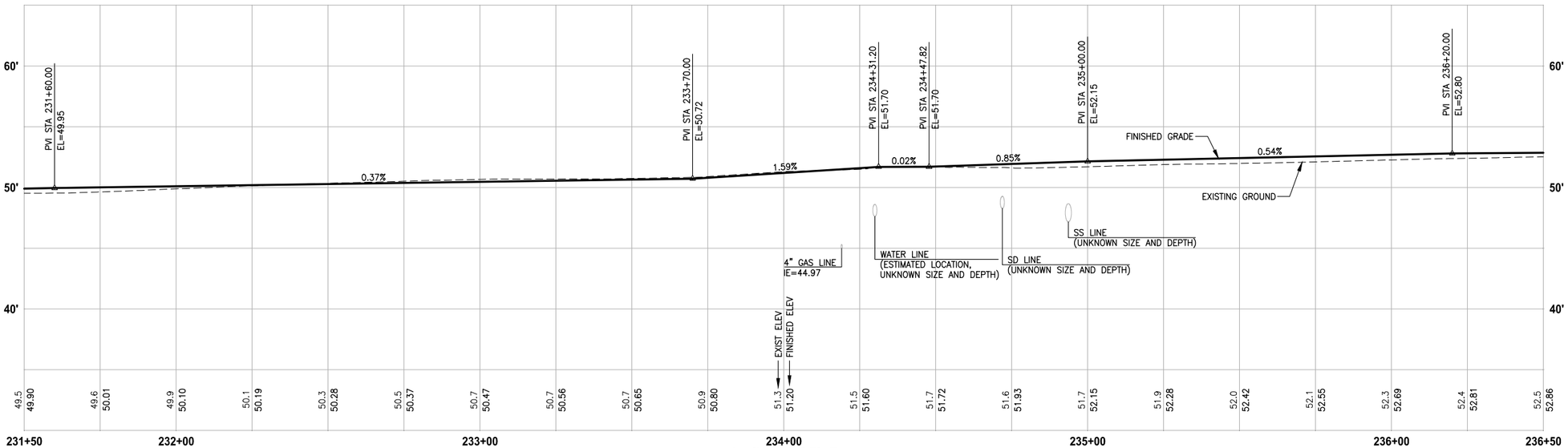
SHEET NO.
28 OF 78
AL3

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Wednesday, April 22, 2015 3:05:00 PM
LAYOUT: AL3

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



PLAN
SCALE IN FEET



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 INTERSECTION, SEE DETAILS ON SHEET MD2 AND DP SHEETS.
6. CEMENT CONCRETE DRIVEWAY APPROACH. SEE DP SHEETS.
7. NOT USED.
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 WOOD GUARDRAIL, SEE DETAILS ON SHEET MD3.
13. NOT USED.
14. INSTALL REST STOP TYPE 1, SEE DETAILS ON SHEET MD3.

STORMWATER CONSTRUCTION NOTES:

1. CONCRETE HEADWALL, SEE DETAILS ON SHEET DD1 AND WP SHEETS.
2. ROCK PAD, SEE DETAIL 2 ON SHEET DD1 AND WP SHEETS.
3. CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
4. INFILTRATION TRENCH, SEE DETAIL 3 ON SHEET DD1.
5. CONCRETE CHANNEL, SEE DD1 FOR DETAILS AND SD2 FOR PROFILE.

GENERAL NOTES:

1. SEE DP SHEETS FOR DRIVEWAY PLAN AND PROFILE AND ROCKERY LOCATIONS.
2. SEE SD AND DD SHEETS FOR DETAILS RELATED TO STORM DRAIN STRUCTURES, PIPES AND DITCH.
3. SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.
4. ALL EXISTING TREES CALLED OUT TO BE REMOVED ARE NOT SHOWN ON AL SHEETS.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
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	REVISIONS	DATE	BY

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

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DATE APRIL 2015

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

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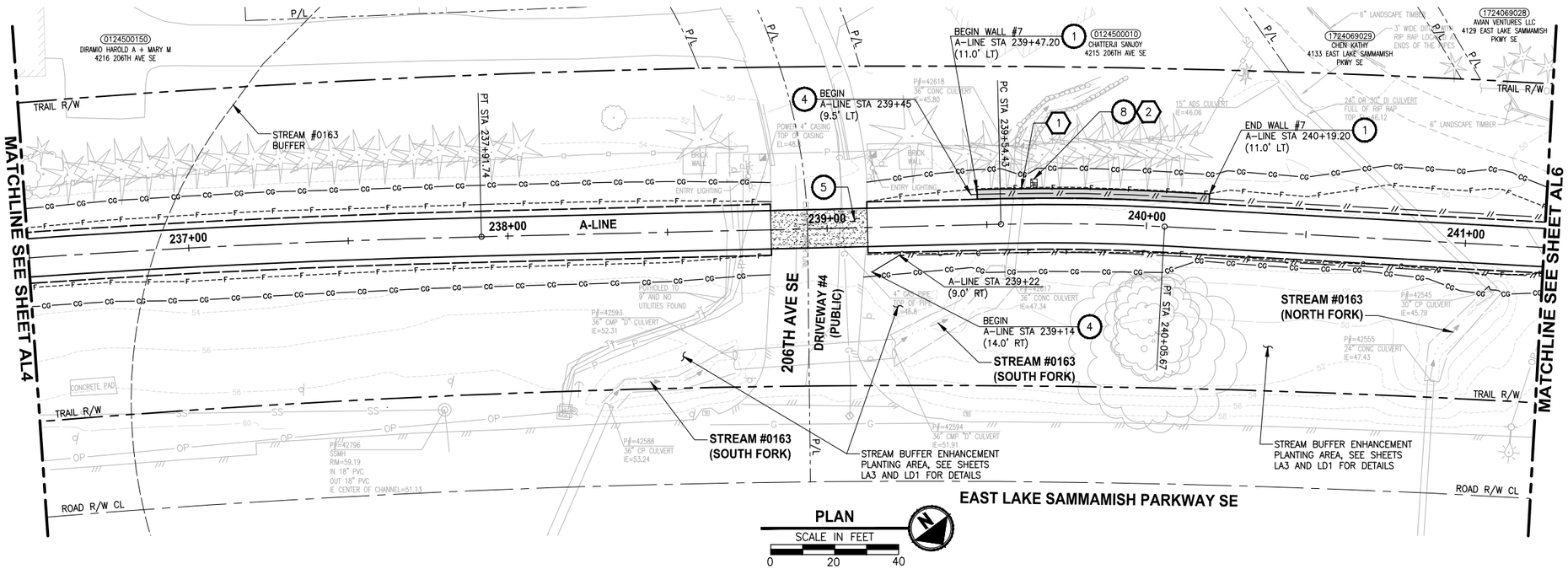
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

PLAN AND PROFILE

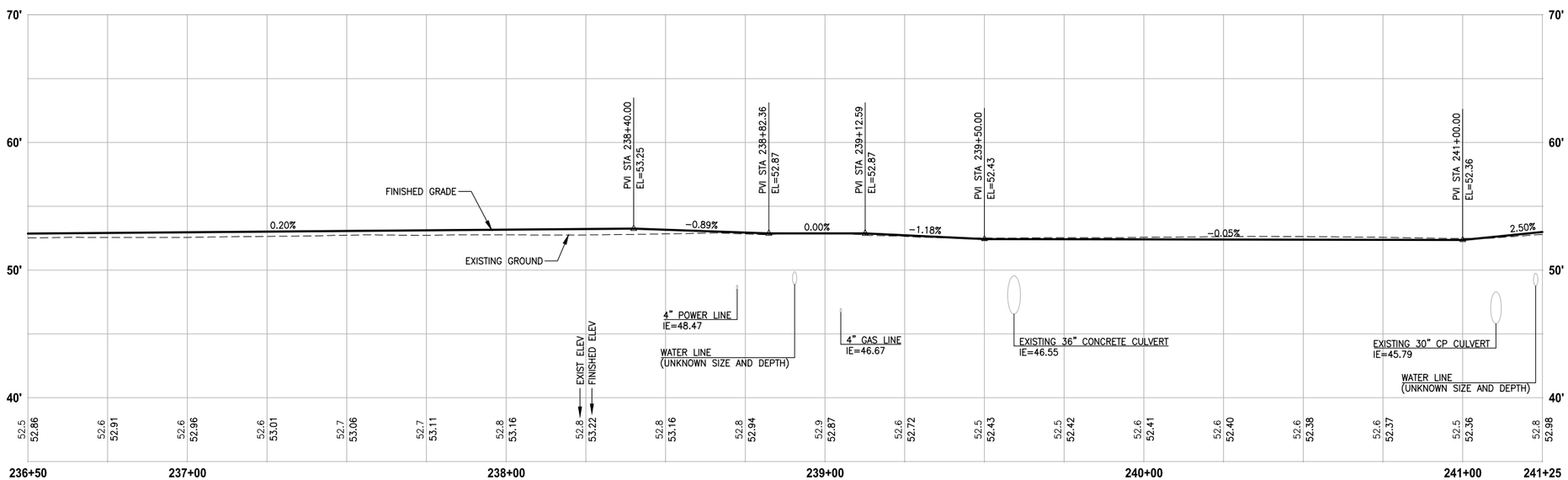
SHEET NO.
29 OF 78
AL4

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Wednesday, April 22, 2015 4:19:52 PM
LAYOUT: AL4

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



PLAN



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 INTERSECTION, SEE DETAILS ON SHEET MD2 AND DP SHEETS.
6. CEMENT CONCRETE DRIVEWAY APPROACH. SEE DP SHEETS.
7. NOT USED.
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 WOOD GUARDRAIL, SEE DETAILS ON SHEET MD3.
13. NOT USED.
14. INSTALL REST STOP TYPE 1, SEE DETAILS ON SHEET MD3.

STORMWATER CONSTRUCTION NOTES:

1. CONCRETE HEADWALL, SEE DETAILS ON SHEET DD1 AND WP SHEETS.
2. ROCK PAD, SEE DETAIL 2 ON SHEET DD1 AND WP SHEETS.
3. CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
4. INFILTRATION TRENCH, SEE DETAIL 3 ON SHEET DD1.
5. CONCRETE CHANNEL, SEE DD1 FOR DETAILS AND SD2 FOR PROFILE.

GENERAL NOTES:

1. SEE DP SHEETS FOR DRIVEWAY PLAN AND PROFILE AND ROCKERY LOCATIONS.
2. SEE SD AND DD SHEETS FOR DETAILS RELATED TO STORM DRAIN STRUCTURES, PIPES AND DITCH.
3. SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.
4. ALL EXISTING TREES CALLED OUT TO BE REMOVED ARE NOT SHOWN ON AL SHEETS.

CITY OF SAMMAMISH APPROVAL

City Engineer — Date

Community Development — Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME BL1521075P20T03AL-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

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

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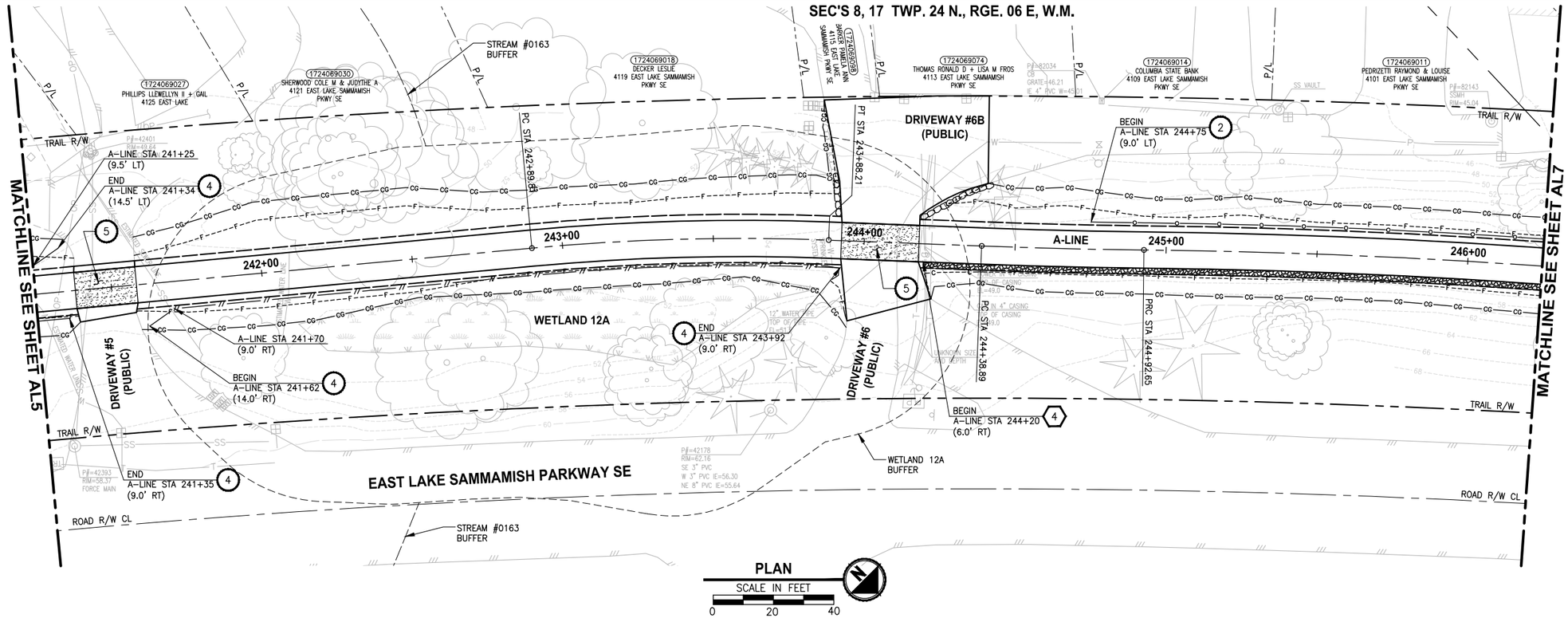
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO. 30 OF 78

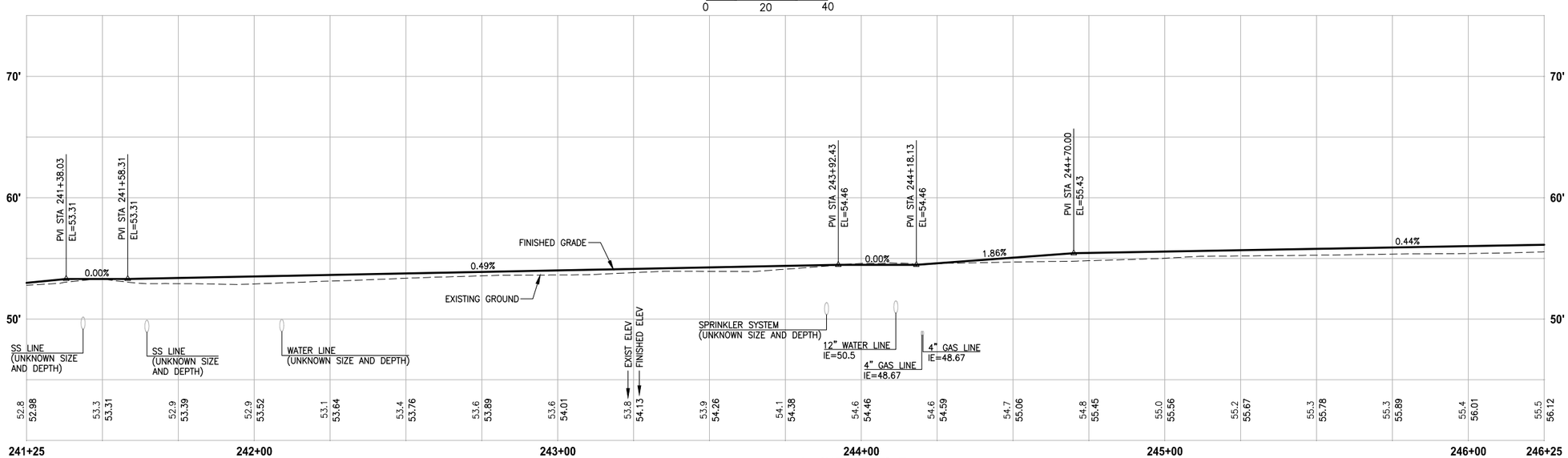
AL5

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, April 23, 2015 9:10:08 AM LAYOUT: AL5



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 INTERSECTION, SEE DETAILS ON SHEET MD2 AND DP SHEETS.
6. CEMENT CONCRETE DRIVEWAY APPROACH. SEE DP SHEETS.
7. NOT USED.
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 WOOD GUARDRAIL, SEE DETAILS ON SHEET MD3.
13. NOT USED.
14. INSTALL REST STOP TYPE 1, SEE DETAILS ON SHEET MD3.

STORMWATER CONSTRUCTION NOTES:

1. CONCRETE HEADWALL, SEE DETAILS ON SHEET DD1 AND WP SHEETS.
2. ROCK PAD, SEE DETAIL 2 ON SHEET DD1 AND WP SHEETS.
3. CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
4. INFILTRATION TRENCH, SEE DETAIL 3 ON SHEET DD1.
5. CONCRETE CHANNEL, SEE DD1 FOR DETAILS AND SD2 FOR PROFILE.

GENERAL NOTES:

1. SEE DP SHEETS FOR DRIVEWAY PLAN AND PROFILE AND ROCKERY LOCATIONS.
2. SEE SD AND DD SHEETS FOR DETAILS RELATED TO STORM DRAIN STRUCTURES, PIPES AND DITCH.
3. SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.
4. ALL EXISTING TREES CALLED OUT TO BE REMOVED ARE NOT SHOWN ON AL SHEETS.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL15210 75P20T03AL-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

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

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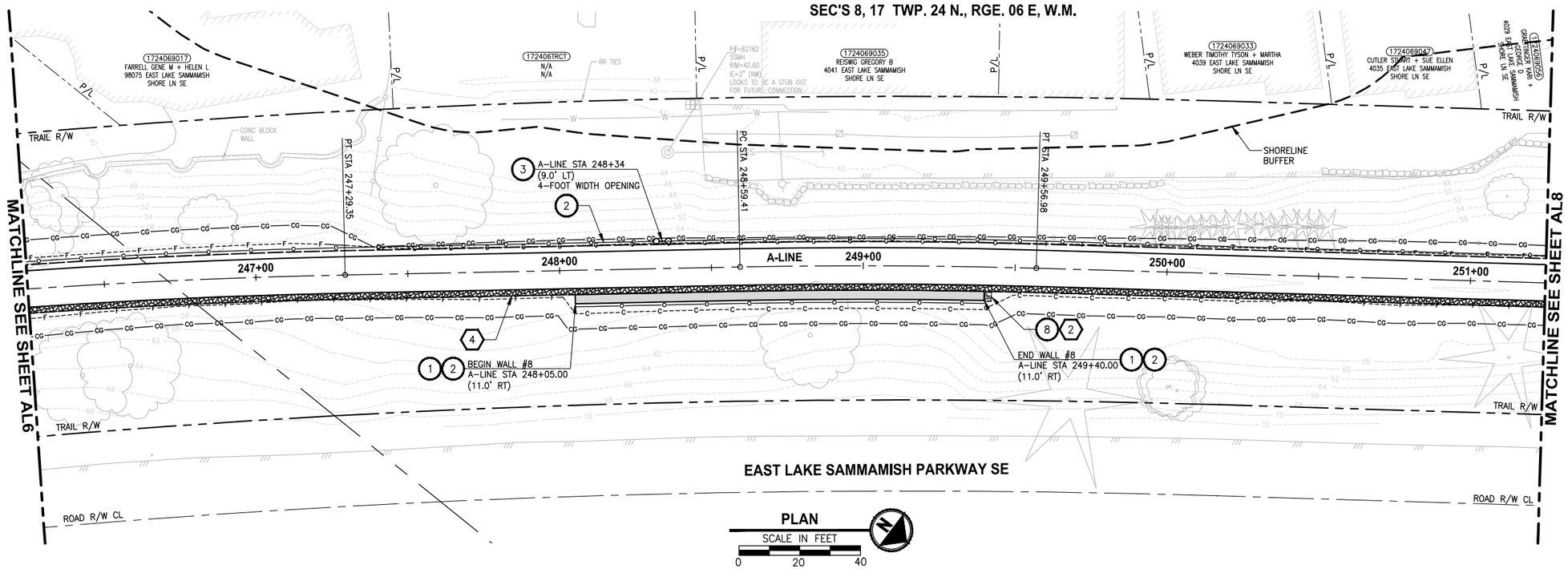
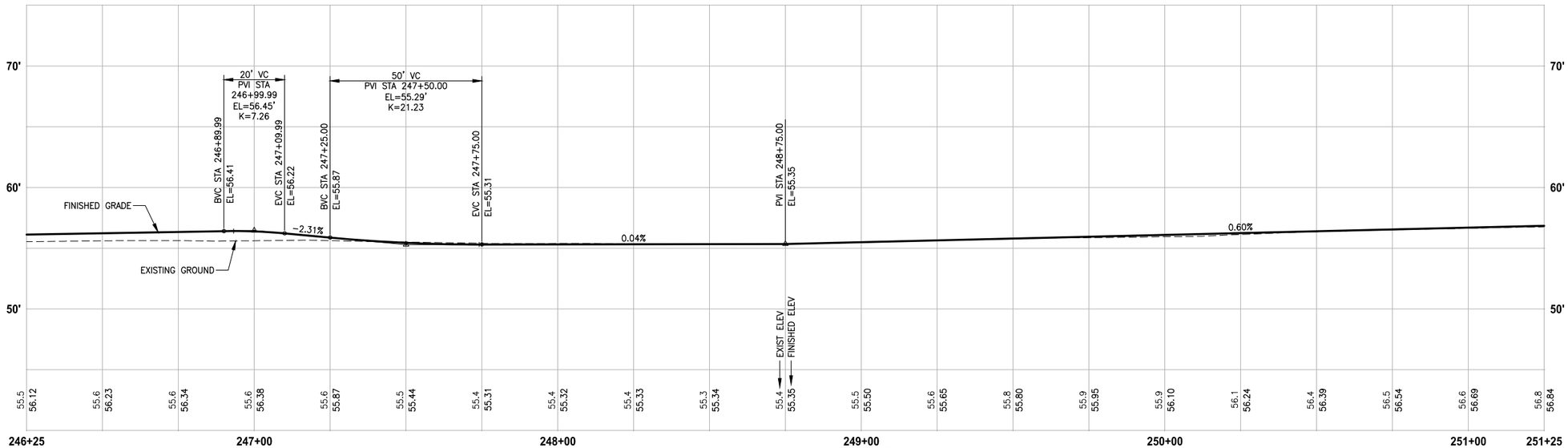
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO. 31 OF 78
AL6

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Wednesday, April 22, 2015 3:10:10 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.
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4. INSTALL SPLIT RAIL FENCE, SEE DETAILS ON SHEET MD3.
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6. CEMENT CONCRETE DRIVEWAY APPROACH. SEE DP SHEETS.
7. NOT USED.
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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11. INSTALL EXTRUDED CURB TYPE 5 PER WSDOT STD PLAN F-10.42-00.
12. INSTALL WOOD GUARDRAIL, SEE DETAILS ON SHEET MD3.
13. NOT USED.
14. INSTALL REST STOP TYPE 1, SEE DETAILS ON SHEET MD3.

STORMWATER CONSTRUCTION NOTES:

1. CONCRETE HEADWALL, SEE DETAILS ON SHEET DD1 AND WP SHEETS.
2. ROCK PAD, SEE DETAIL 2 ON SHEET DD1 AND WP SHEETS.
3. CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
4. INFILTRATION TRENCH, SEE DETAIL 3 ON SHEET DD1.
5. CONCRETE CHANNEL, SEE DD1 FOR DETAILS AND SD2 FOR PROFILE.

GENERAL NOTES:

1. SEE DP SHEETS FOR DRIVEWAY PLAN AND PROFILE AND ROCKERY LOCATIONS.
2. SEE SD AND DD SHEETS FOR DETAILS RELATED TO STORM DRAIN STRUCTURES, PIPES AND DITCH.
3. SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.
4. ALL EXISTING TREES CALLED OUT TO BE REMOVED ARE NOT SHOWN ON AL SHEETS.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL15210 75P20T03AL-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

YAMMIE Y. HO — STATE OF WASHINGTON — 46829 — 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. 32 OF 78
AL7

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Wednesday, April 22, 2015 3:10:43 PM
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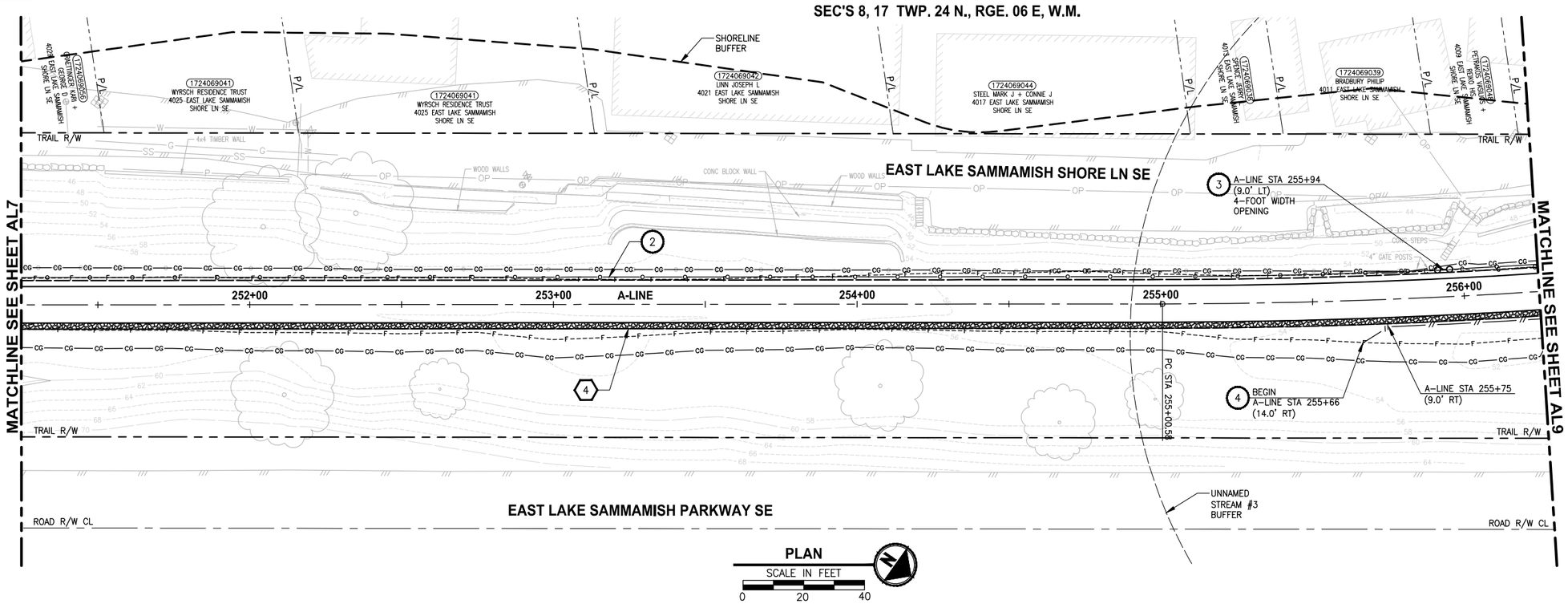

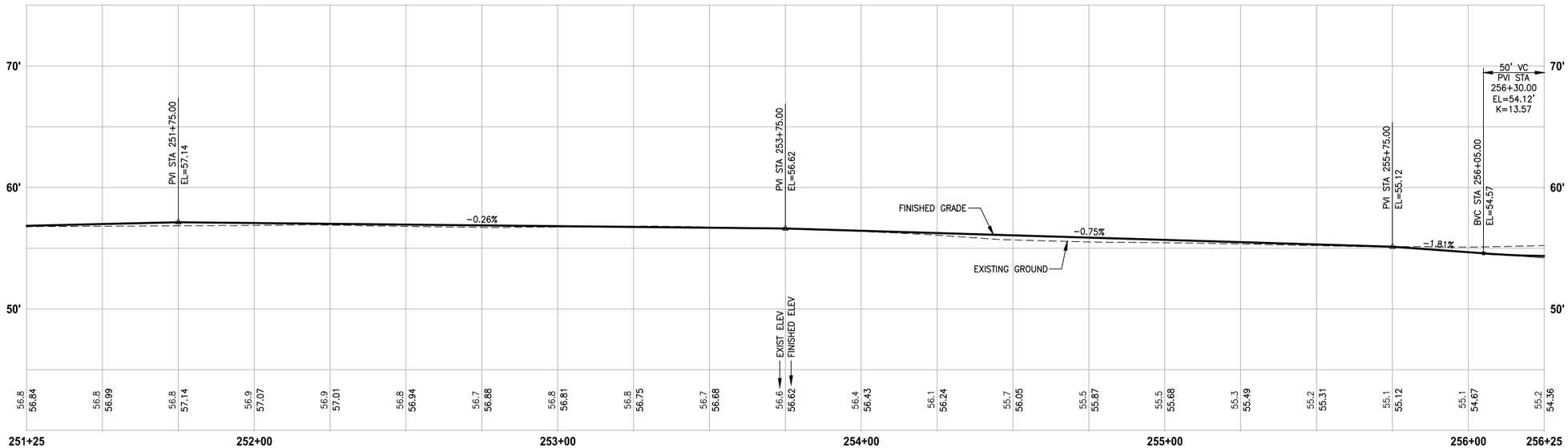

A-LINE PROFILE

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.
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.
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5. INSTALL PATTERNED CONCRETE INTERSECTION, SEE DETAILS ON SHEET MD2 AND DP SHEETS.
6. CEMENT CONCRETE DRIVEWAY APPROACH. 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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11. INSTALL EXTRUDED CURB TYPE 5 PER WSDOT STD PLAN F-10.42-00.
12. INSTALL WOOD GUARDRAIL, SEE DETAILS ON SHEET MD3.
13. NOT USED.
14. INSTALL REST STOP TYPE 1, SEE DETAILS ON SHEET MD3.

STORMWATER CONSTRUCTION NOTES:

1. CONCRETE HEADWALL, SEE DETAILS ON SHEET DD1 AND WP SHEETS.
2. ROCK PAD, SEE DETAIL 2 ON SHEET DD1 AND WP SHEETS.
3. CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
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GENERAL NOTES:

1. SEE DP SHEETS FOR DRIVEWAY PLAN AND PROFILE AND ROCKERY LOCATIONS.
2. SEE SD AND DD SHEETS FOR DETAILS RELATED TO STORM DRAIN STRUCTURES, PIPES AND DITCH.
3. SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.
4. ALL EXISTING TREES CALLED OUT TO BE REMOVED ARE NOT SHOWN ON AL SHEETS.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL15210 75P20T03AL-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

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

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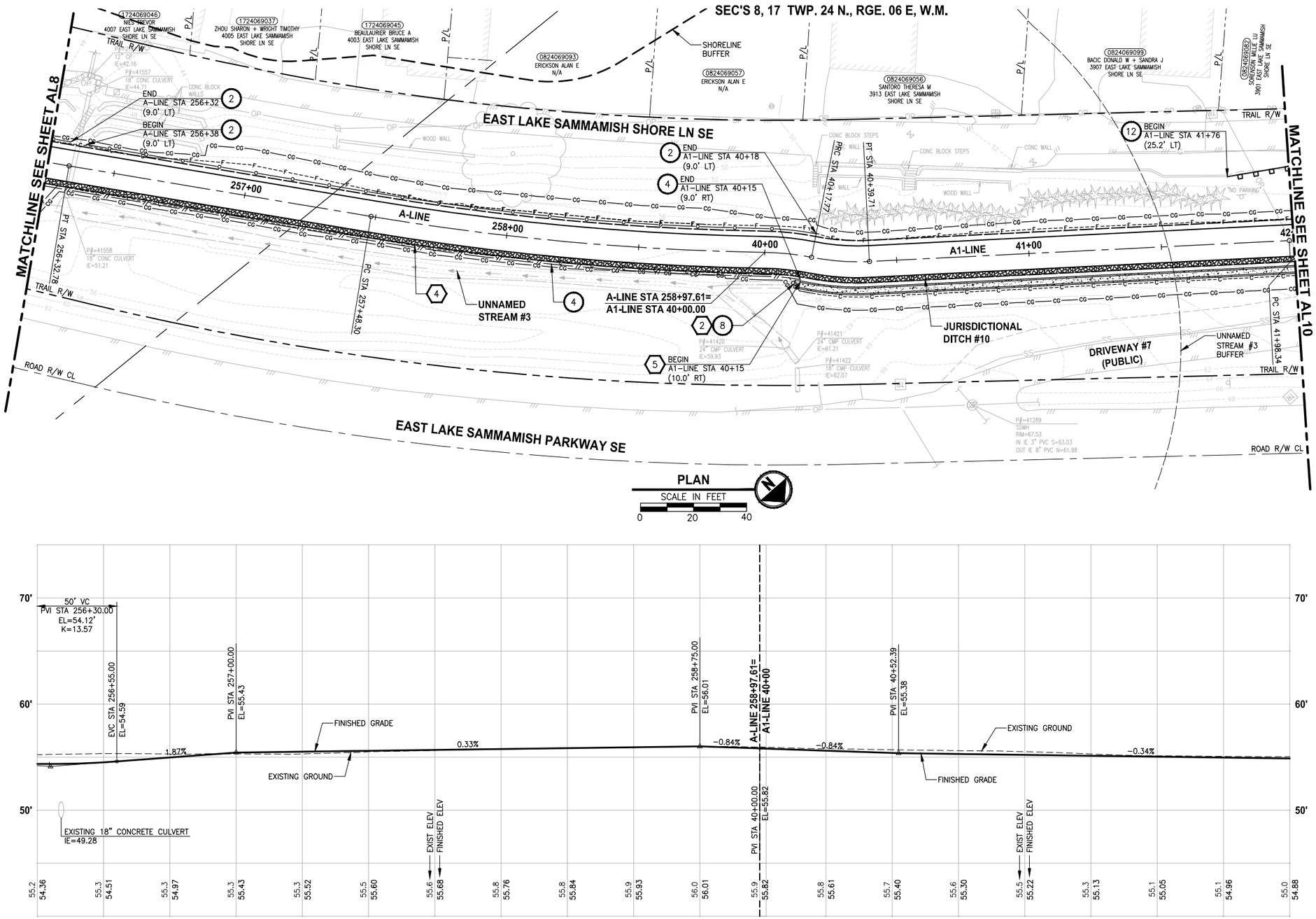
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
33 OF 78

AL8

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Wednesday, April 22, 2015 4:15:57 PM
LAYOUT: AL8



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

A1-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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4. INSTALL SPLIT RAIL FENCE, SEE DETAILS ON SHEET MD3.
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STORMWATER CONSTRUCTION NOTES:

1. CONCRETE HEADWALL, SEE DETAILS ON SHEET DD1 AND WP SHEETS.
2. ROCK PAD, SEE DETAIL 2 ON SHEET DD1 AND WP SHEETS.
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CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
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DESIGNED J. JUN / C. BUITRAGO
DRAWN B. PURGANAN
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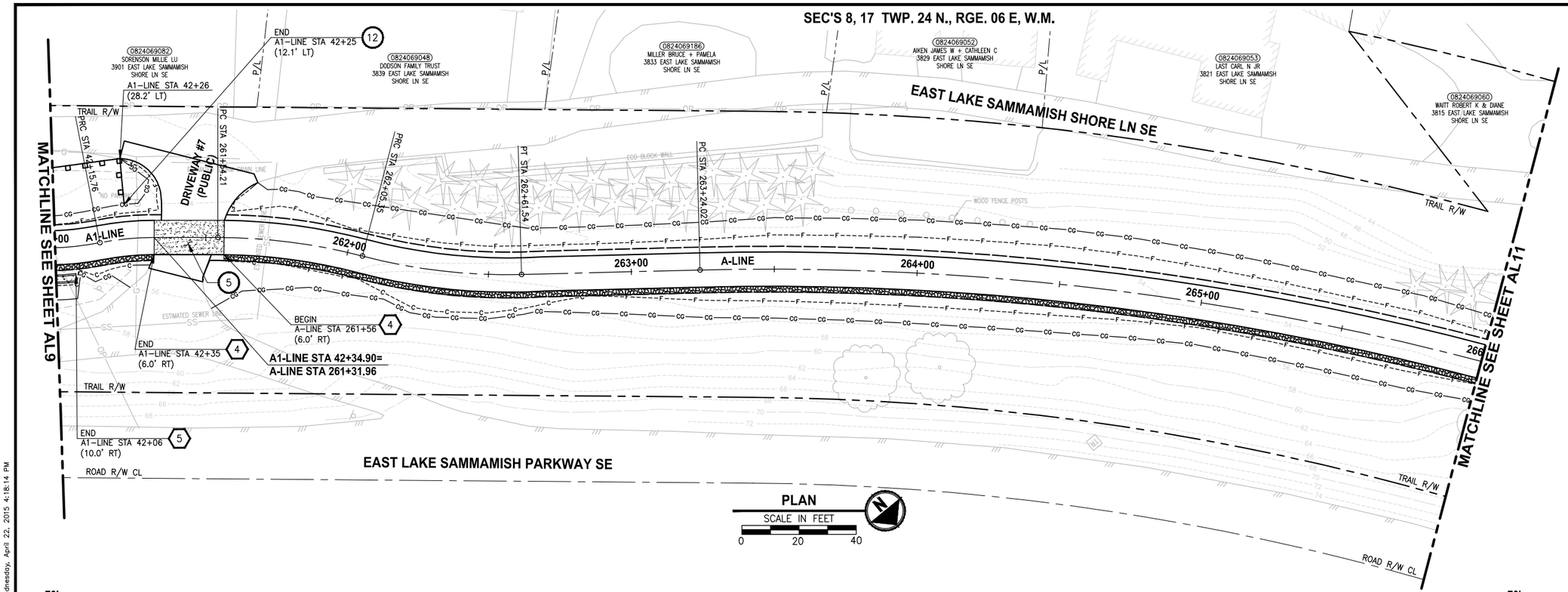
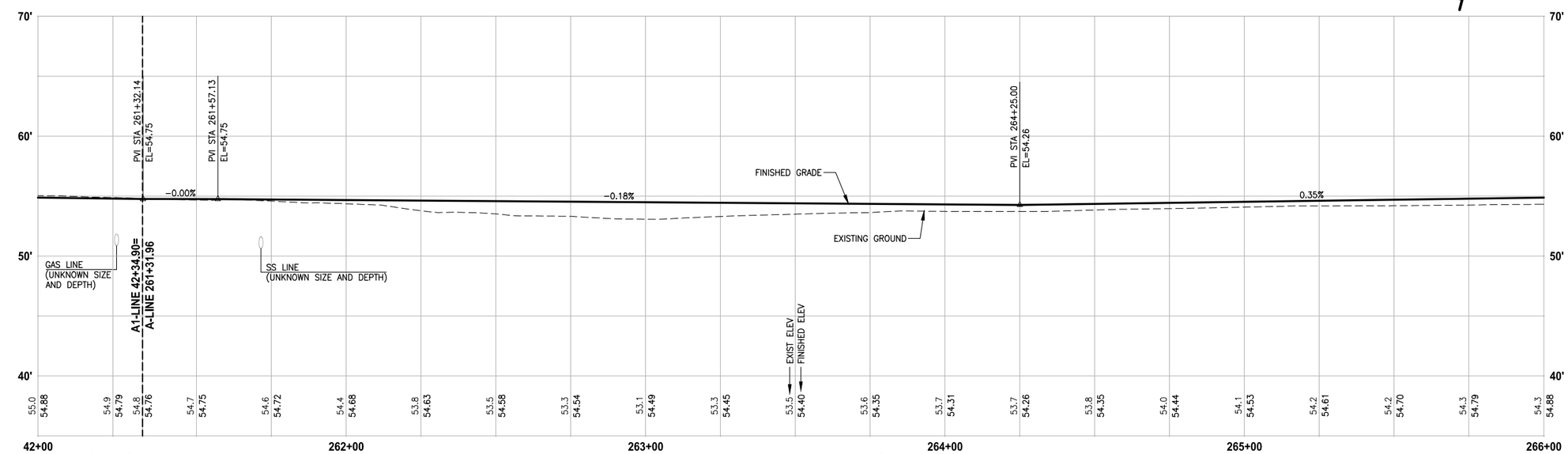
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO. 34 OF 78
AL9

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Wednesday, April 22, 2015 4:17:23 PM LAYOUT: AL9





A1-LINE PROFILE
HORIZ: 1"=20'
VERT: 1"=5'

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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3. INSTALL CHAIN LINK CANTILEVER GATE, SEE DETAIL ON SHEET MD2.
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STORMWATER CONSTRUCTION NOTES:

1. CONCRETE HEADWALL, SEE DETAILS ON SHEET DD1 AND WP SHEETS.
2. ROCK PAD, SEE DETAIL 2 ON SHEET DD1 AND WP SHEETS.
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CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

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JOB No. 554-1521-075 P20T03
DATE APRIL 2015

YAMMIE Y. HO — STATE OF WASHINGTON — 14829 — 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. 35 OF 78
AL10

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Wednesday, April 22, 2015 4:18:14 PM
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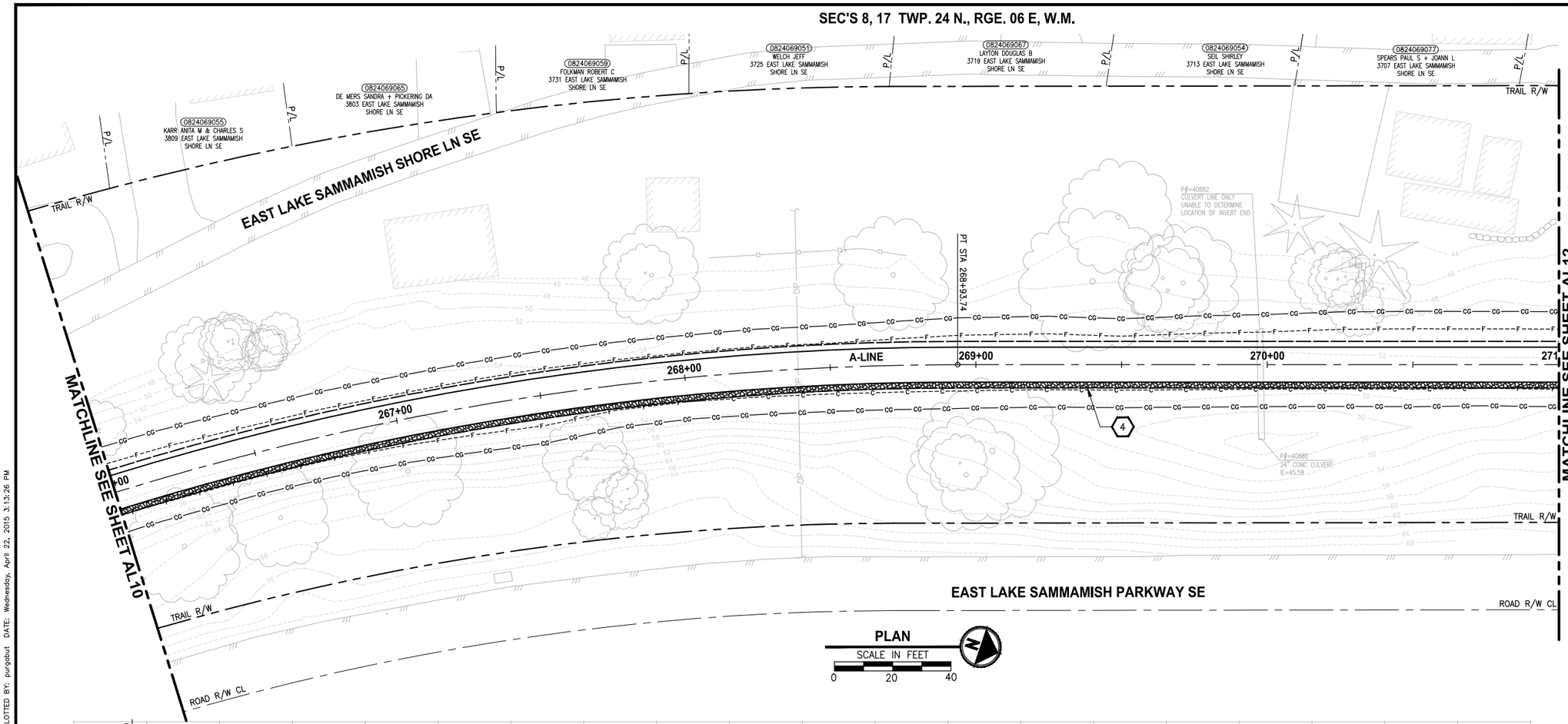

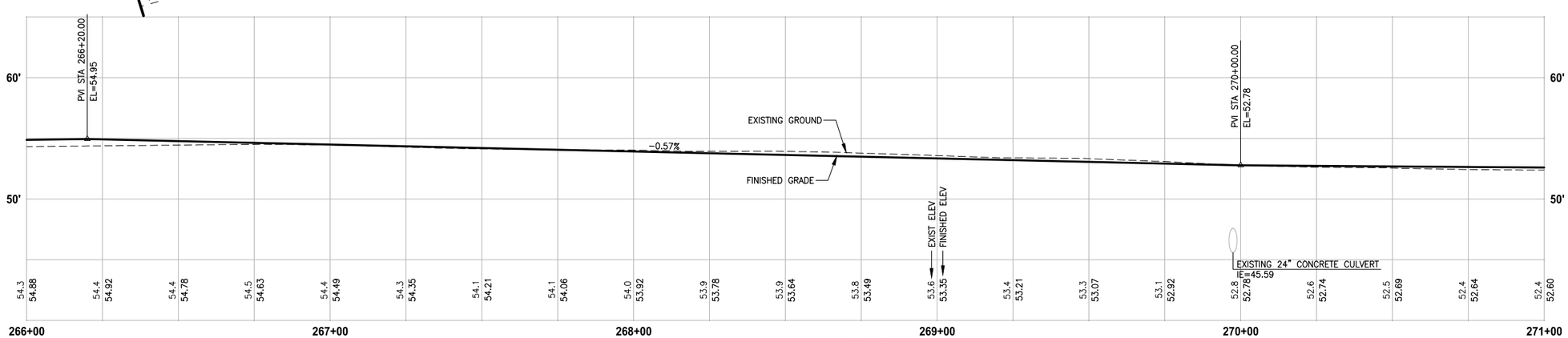

A-LINE PROFILE

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.
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 INTERSECTION, SEE DETAILS ON SHEET MD2 AND DP SHEETS.
6. CEMENT CONCRETE DRIVEWAY APPROACH. SEE DP SHEETS.
7. NOT USED.
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 WOOD GUARDRAIL, SEE DETAILS ON SHEET MD3.
13. NOT USED.
14. INSTALL REST STOP TYPE 1, SEE DETAILS ON SHEET MD3.

STORMWATER CONSTRUCTION NOTES:

1. CONCRETE HEADWALL, SEE DETAILS ON SHEET DD1 AND WP SHEETS.
2. ROCK PAD, SEE DETAIL 2 ON SHEET DD1 AND WP SHEETS.
3. CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
4. INFILTRATION TRENCH, SEE DETAIL 3 ON SHEET DD1.
5. CONCRETE CHANNEL, SEE DD1 FOR DETAILS AND SD2 FOR PROFILE.

GENERAL NOTES:

1. SEE DP SHEETS FOR DRIVEWAY PLAN AND PROFILE AND ROCKERY LOCATIONS.
2. SEE SD AND DD SHEETS FOR DETAILS RELATED TO STORM DRAIN STRUCTURES, PIPES AND DITCH.
3. SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.
4. ALL EXISTING TREES CALLED OUT TO BE REMOVED ARE NOT SHOWN ON AL SHEETS.

CITY OF SAMMAMISH APPROVAL

City Engineer — Date

Community Development — Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL15210 75P20T03AL-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

YAMHIE Y. HO — STATE OF WASHINGTON — 14829 — REGISTERED PROFESSIONAL ENGINEER
CRAIG A. BUITRAGO — STATE OF WASHINGTON — 49427 — REGISTERED PROFESSIONAL ENGINEER
PRELIMINARY

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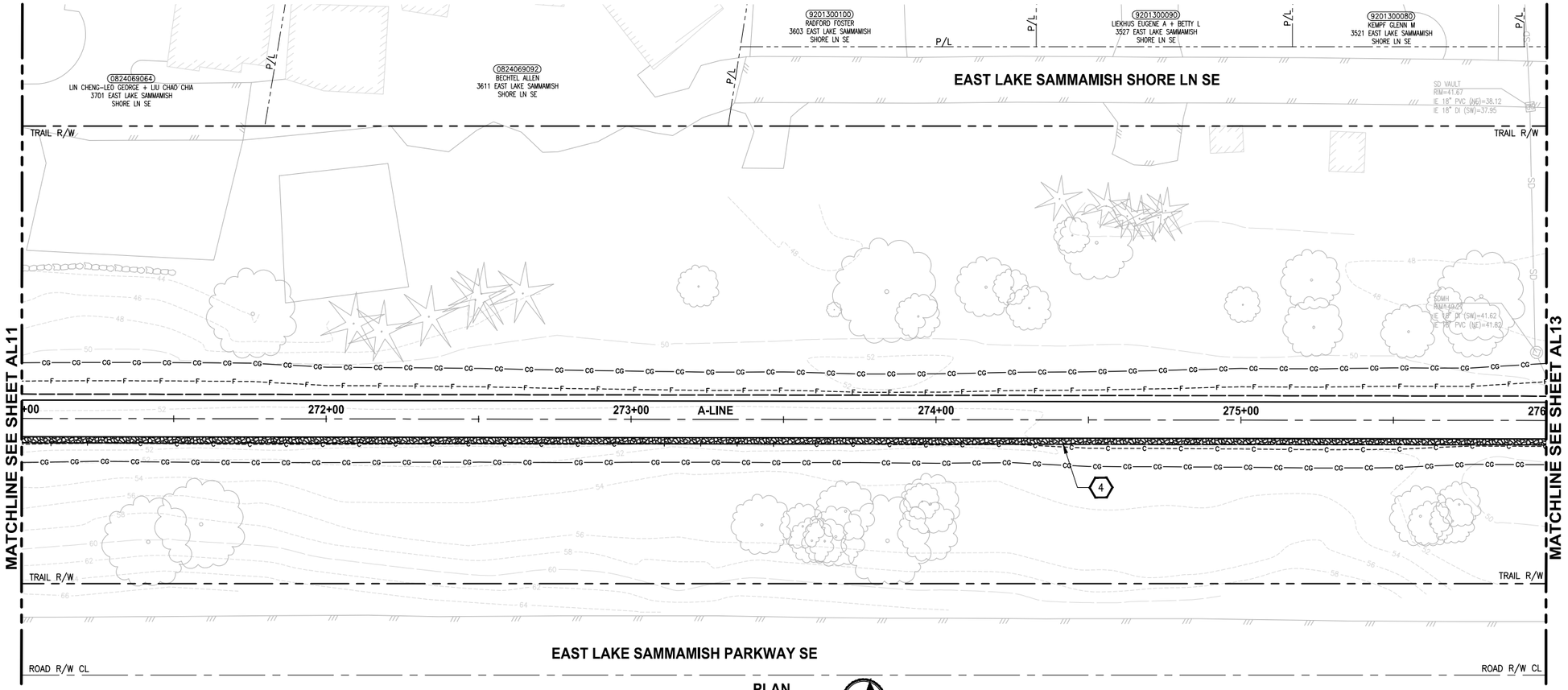
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO. 36 OF 78
AL11

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Wednesday, April 22, 2015 3:13:26 PM
LAYOUT: AL11

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



PLAN

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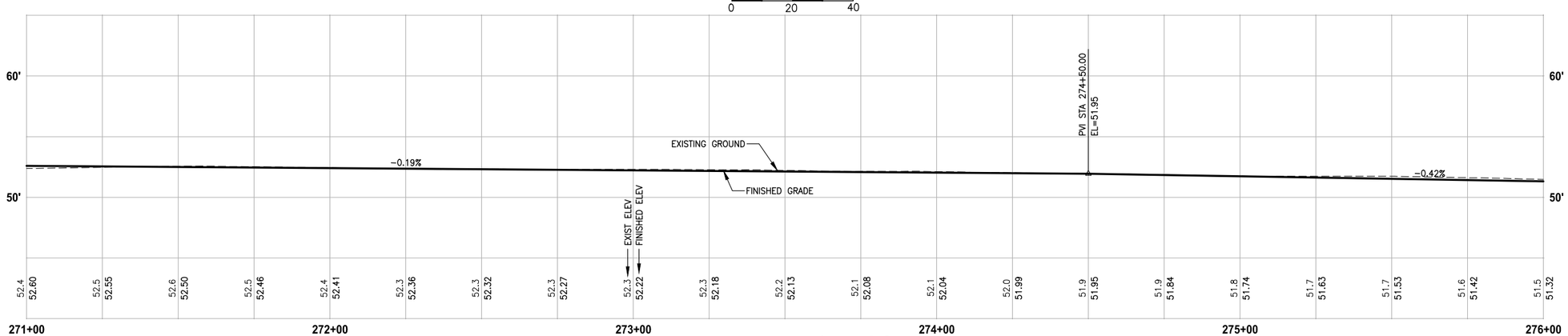

A-LINE PROFILE

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

CIVIL CONSTRUCTION NOTES:

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 INTERSECTION, SEE DETAILS ON SHEET MD2 AND DP SHEETS.
6. CEMENT CONCRETE DRIVEWAY APPROACH. SEE DP SHEETS.
7. NOT USED.
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 WOOD GUARDRAIL, SEE DETAILS ON SHEET MD3.
13. NOT USED.
14. INSTALL REST STOP TYPE 1, SEE DETAILS ON SHEET MD3.

STORMWATER CONSTRUCTION NOTES:

1. CONCRETE HEADWALL, SEE DETAILS ON SHEET DD1 AND WP SHEETS.
2. ROCK PAD, SEE DETAIL 2 ON SHEET DD1 AND WP SHEETS.
3. CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
4. INFILTRATION TRENCH, SEE DETAIL 3 ON SHEET DD1.
5. CONCRETE CHANNEL, SEE DD1 FOR DETAILS AND SD2 FOR PROFILE.

GENERAL NOTES:

1. SEE DP SHEETS FOR DRIVEWAY PLAN AND PROFILE AND ROCKERY LOCATIONS.
2. SEE SD AND DD SHEETS FOR DETAILS RELATED TO STORM DRAIN STRUCTURES, PIPES AND DITCH.
3. SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.
4. ALL EXISTING TREES CALLED OUT TO BE REMOVED ARE NOT SHOWN ON AL SHEETS.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03AL-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

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

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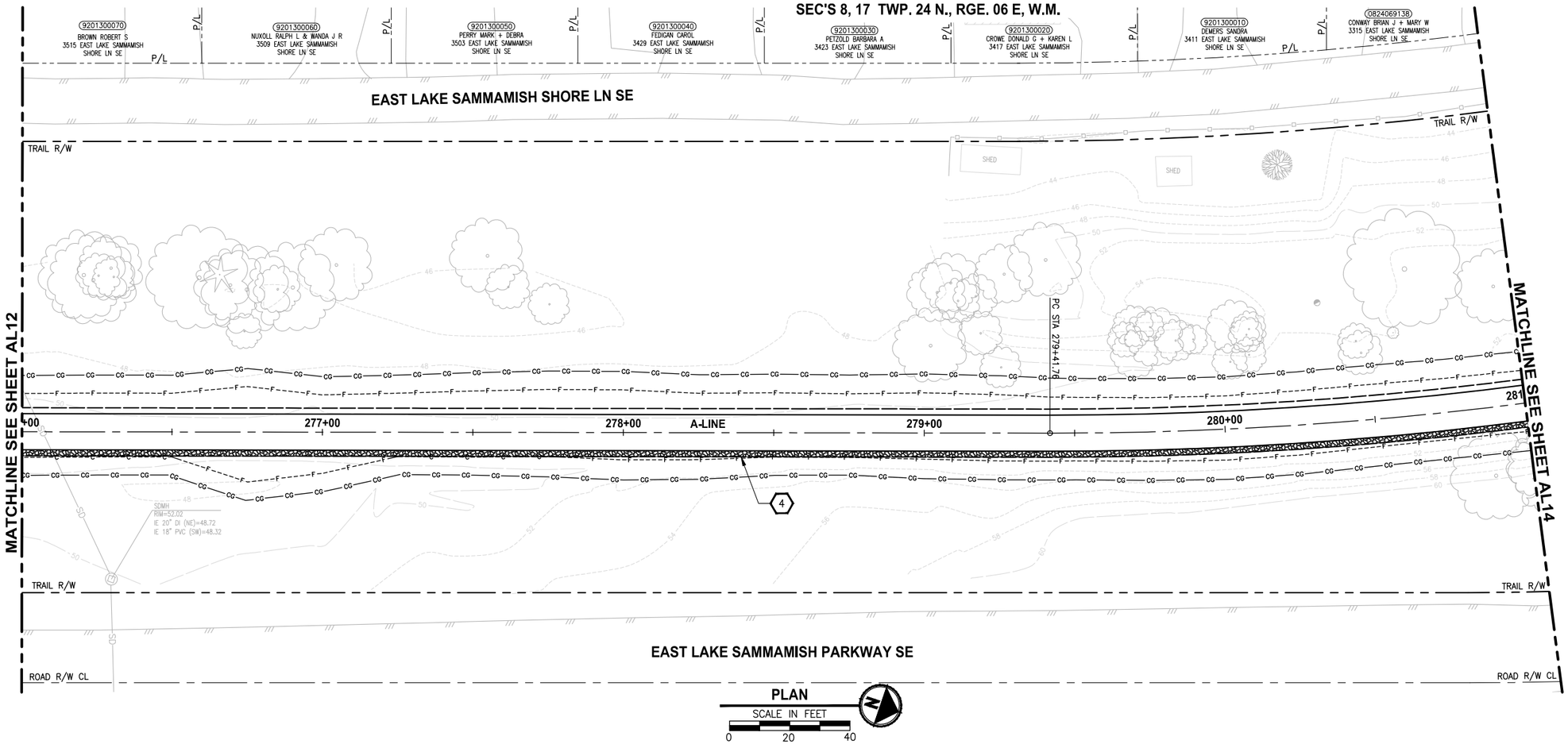
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

PLAN AND PROFILE

SHEET NO.
37 OF 78

AL12

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\
PLOTTED BY: purgabut DATE: Wednesday, April 22, 2015 3:13:59 PM
LAYOUT: AL12



PLAN

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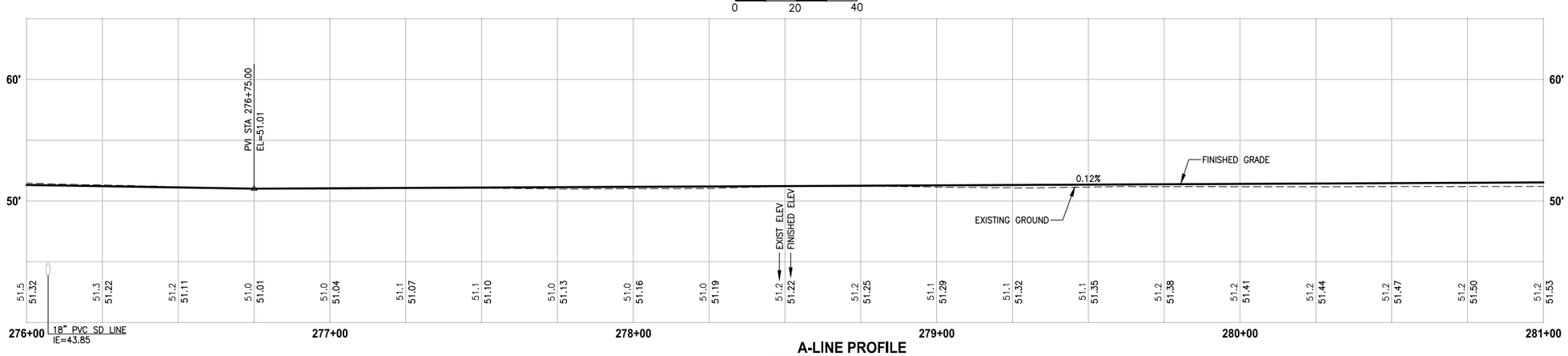

A-LINE PROFILE

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.
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.
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4. INSTALL SPLIT RAIL FENCE, SEE DETAILS ON SHEET MD3.
5. INSTALL PATTERNED CONCRETE INTERSECTION, SEE DETAILS ON SHEET MD2 AND DP SHEETS.
6. CEMENT CONCRETE DRIVEWAY APPROACH. SEE DP SHEETS.
7. NOT USED.
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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CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03AL-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

YAMMIE Y. HO STATE OF WASHINGTON 14829 REGISTERED PROFESSIONAL ENGINEER
CRAIG A. BUTRAGO STATE OF WASHINGTON 49427 REGISTERED PROFESSIONAL ENGINEER
PRELIMINARY

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

PLAN AND PROFILE

SHEET NO.
38 OF 78

AL13

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\
PLOTTED BY: purgabut DATE: Wednesday, April 22, 2015 3:14:42 PM
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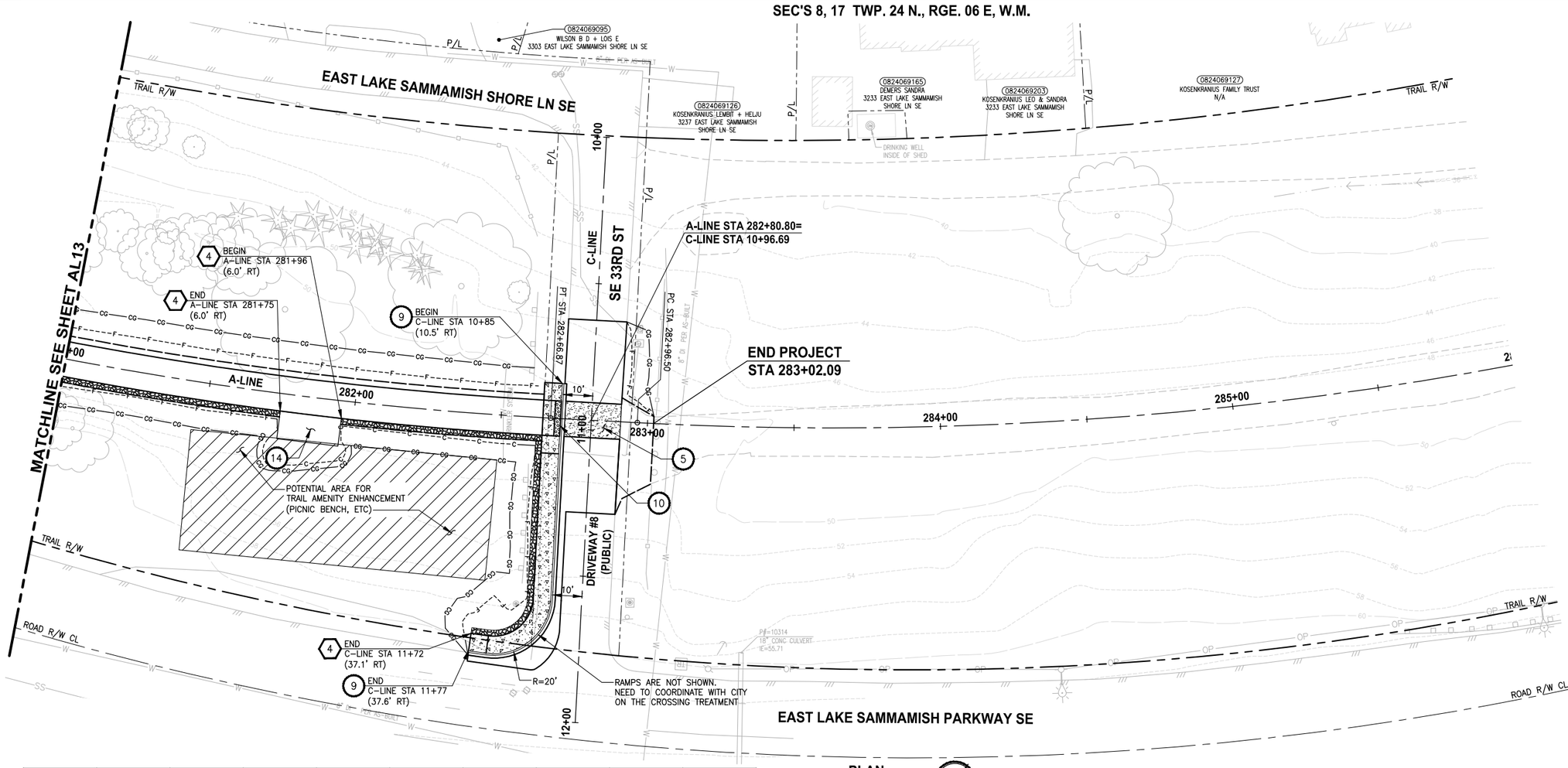
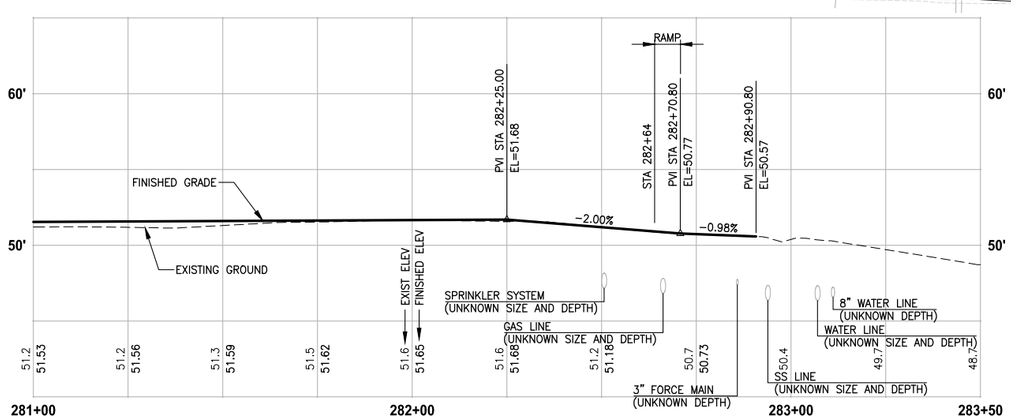


PLAN

SCALE IN FEET

0 20 40



A-LINE PROFILE

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

CIVIL CONSTRUCTION NOTES:

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13. NOT USED.
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STORMWATER CONSTRUCTION NOTES:

1. CONCRETE HEADWALL, SEE DETAILS ON SHEET DD1 AND WP SHEETS.
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GENERAL NOTES:

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2. SEE SD AND DD SHEETS FOR DETAILS RELATED TO STORM DRAIN STRUCTURES, PIPES AND DITCH.
3. SEE SHEET G4 FOR SYMBOL AND LINE LEGEND.
4. ALL EXISTING TREES CALLED OUT TO BE REMOVED ARE NOT SHOWN ON AL SHEETS.

LEGEND:

CEMENT CONCRETE SIDEWALK

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

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME BL15210T05P20T03AL-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

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.
39 OF 78

AL14

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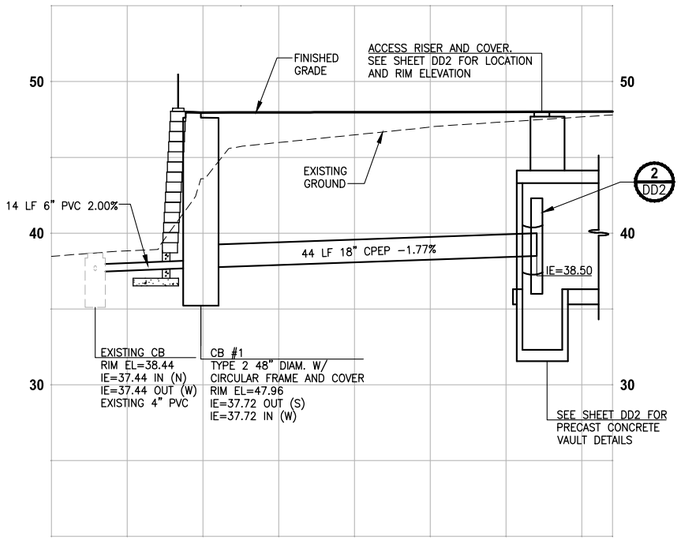
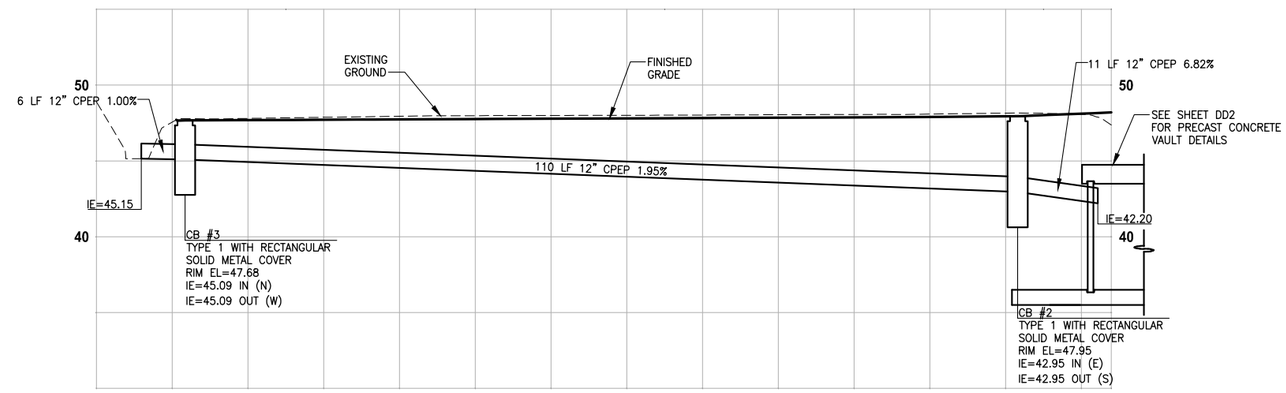


VAULT OUTFALL PROFILE STA 224+00

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



VAULT INLET PROFILE STA 224+00

HORIZ: 1"=10'
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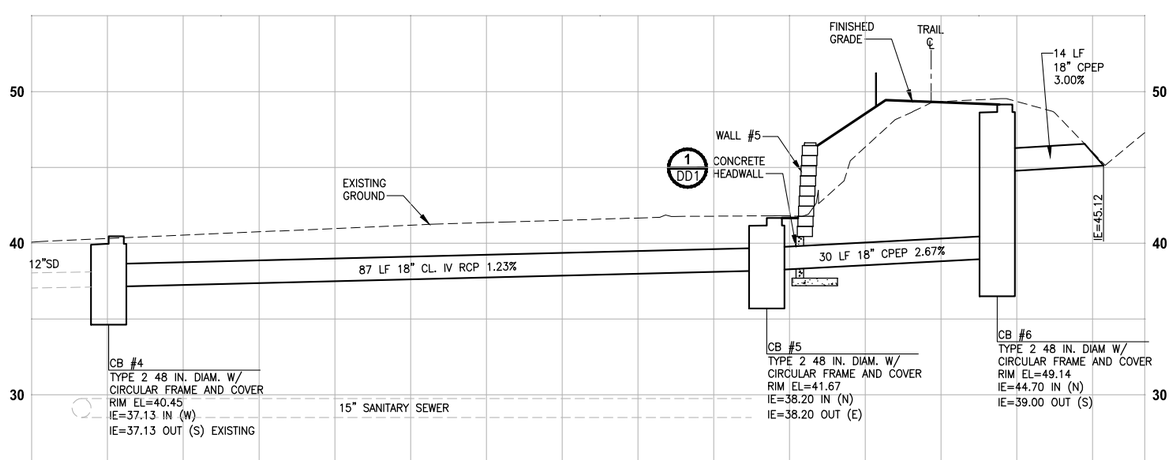

OUTFALL PROFILE STA 229+85

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

GENERAL NOTES:

1. CULVERTS SHALL HAVE BEVELED END SECTIONS PER 2007 KCRS FIG. 7-001.
2. STRUCTURE OFFSETS ARE MEASURED TO CENTER OF SOLID COVER.
3. CATCH BASIN TYPE 1 SHALL BE PER 2007 KCRS FIG. 7-003.
4. CATCH BASIN TYPE 2 SHALL BE PER 2007 KCRS FIG. 7-005 AND FIG. 7-006.
5. CIRCULAR FRAME (RING) AND COVER SHALL BE PER 2007 KCRS FIG. 7-022.
6. RECTANGULAR SOLID METAL COVER SHALL BE PER 2007 KCRS FIG. 7-014 AND FIG. 7-015.
7. CL IV RCP = CLASS IV REINFORCED CONCRETE STORM SEWER PIPE.
8. CPEP = CORRUGATED POLYETHYLENE PIPE, DOUBLE WALLED.
9. PVC = POLY VINYL CHLORIDE PIPE.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

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▷	REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03SD-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

PRELIMINARY
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

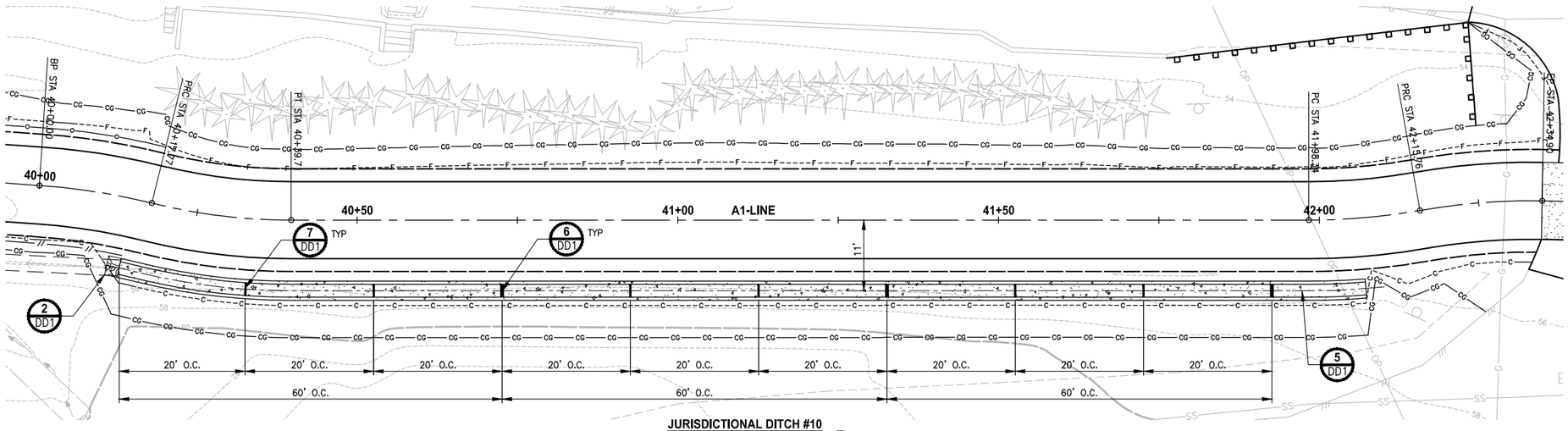
STORM DRAINAGE PROFILES AND SECTIONS

SHEET NO.
40 OF 78

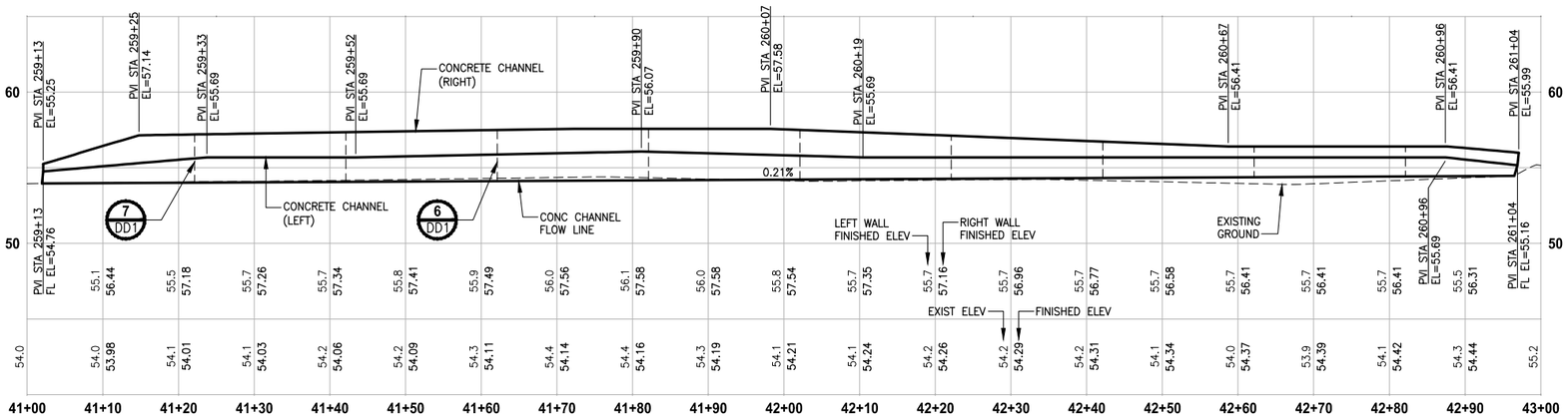
SD1

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Wednesday, April 22, 2015 2:53:00 PM
LAYOUT: SD1

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



JURISDICTIONAL DITCH #10
PLAN
SCALE IN FEET
0 10 20



JURISDICTIONAL DITCH #10 PROFILE
HORIZ: 1"=10'
VERT: 1"=5'

CITY OF SAMMAMISH APPROVAL

City Engineer	Date
Community Development	Date

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GRDE14-0052 / SHORE14-0022
FEDERAL AID #

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REVISIONS	DATE	BY

DESIGNED S. BROWN/C. BUITRAGO
DRAWN B. PURGANAN
CHECKED R. CUSHMAN
APPROVED O. KIKUTA

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03SD-02
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

SHANE L. BROWN STATE OF WASHINGTON 49149 REGISTERED PROFESSIONAL ENGINEER
CRAIG A. BUITRAGO STATE OF WASHINGTON 49427 REGISTERED PROFESSIONAL ENGINEER
PRELIMINARY

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

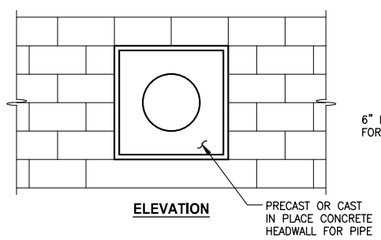
STORM DRAINAGE PROFILES AND SECTIONS

SHEET NO. 41 OF 78
SD2

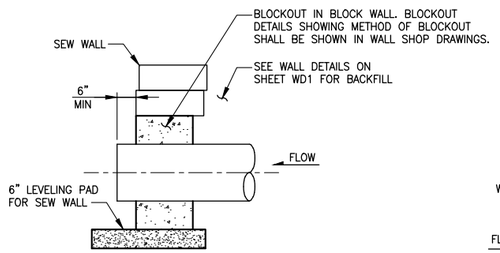
PATH: U:\PSO\Projects\Clients\521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\
PLOTTED BY: purgabut DATE: Wednesday, April 22, 2015 2:53:49 PM
LAYOUT: SD2

NOTES:

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

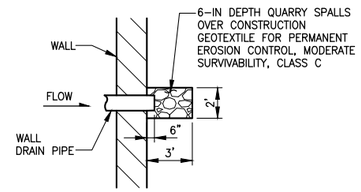


ELEVATION



SECTION A

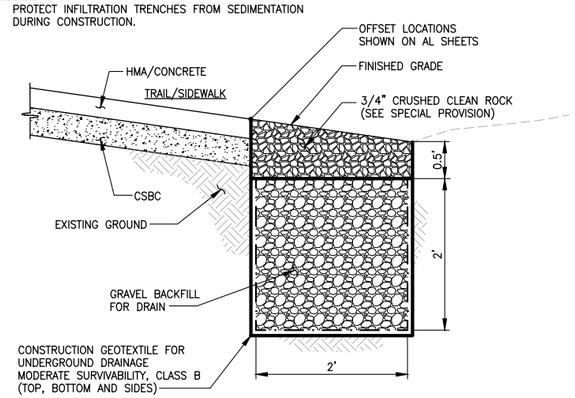
CONCRETE HEADWALL FOR STRUCTURAL EARTH WALL
DETAIL 1
NO SCALE



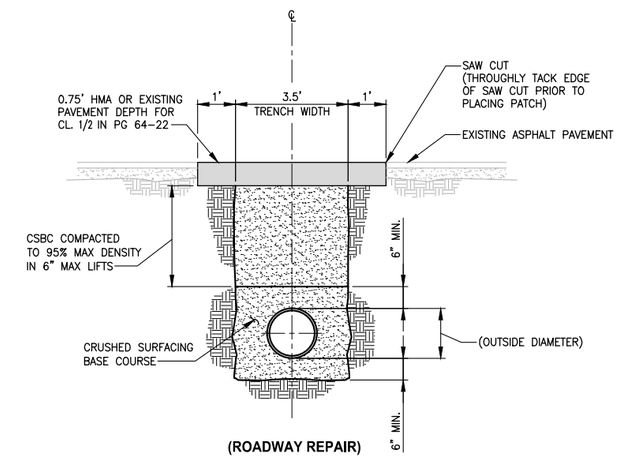
ROCK PAD
DETAIL 2
NO SCALE

NOTES:

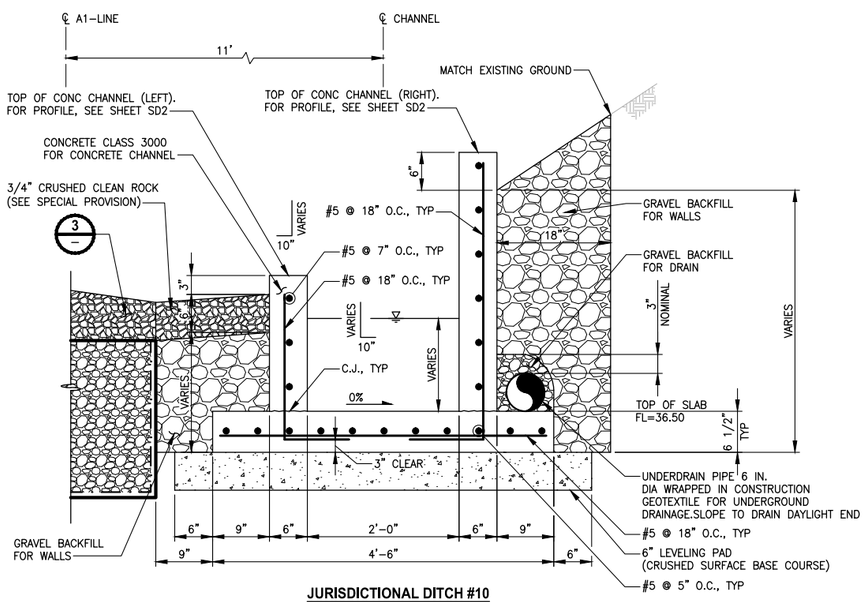
1. PROTECT INFILTRATION TRENCHES FROM SEDIMENTATION DURING CONSTRUCTION.



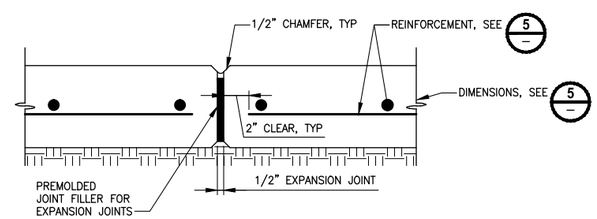
INFILTRATION TRENCH
DETAIL 3
NO SCALE



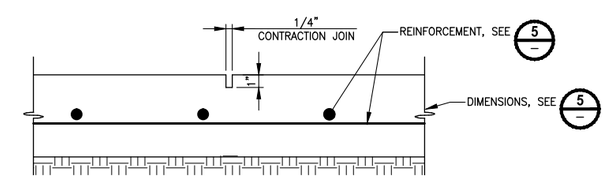
(ROADWAY REPAIR)
TRENCH DETAIL 4
NO SCALE



JURISDICTIONAL DITCH #10
CONCRETE CHANNEL
DETAIL 5
NO SCALE



EXPANSION JOINT
DETAIL 6
NO SCALE



CONTRACTION JOINT
DETAIL 7
NO SCALE

NOTES:

1. EXPANSION JOINTS FOR CONCRETE CHANNEL WALLS AND FOOTING SHALL HAVE MAXIMUM 60 FOOT ON CENTER SPACING. SEE SHEET SD2.
2. CONTRACTION JOINTS FOR CONCRETE CHANNEL WALLS AND FOOTING SHALL HAVE MAXIMUM 20 FOOT ON CENTER SPACING. SEE SHEET SD2.
3. EXPANSION JOINT AND CONTRACTION JOINTS FOR WALLS AND FOOTING SHALL BE ALIGNED WITH EACH OTHER. SEE SHEET SD2.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

DESIGNED S. BROWN/C. BUITRAGO
DRAWN B. PURGANAN
CHECKED R. CUSHMAN
APPROVED O. KIKUTA

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL15210T5P20T03DD-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

SHANE L. BROWN — STATE OF WASHINGTON — 49149 — 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

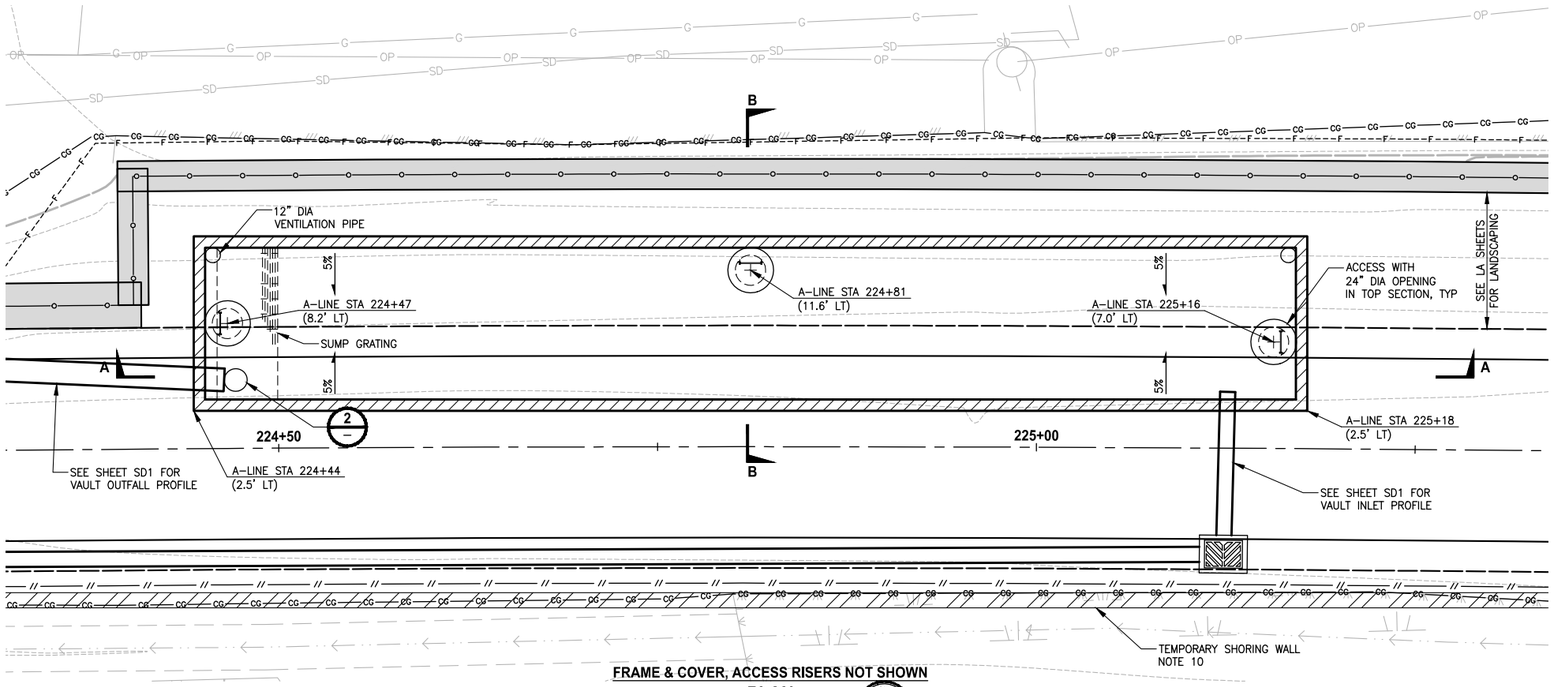
DRAINAGE DETAILS

SHEET NO.

DD1

LAYOUT: DD1 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, April 23, 2015 8:37:17 AM

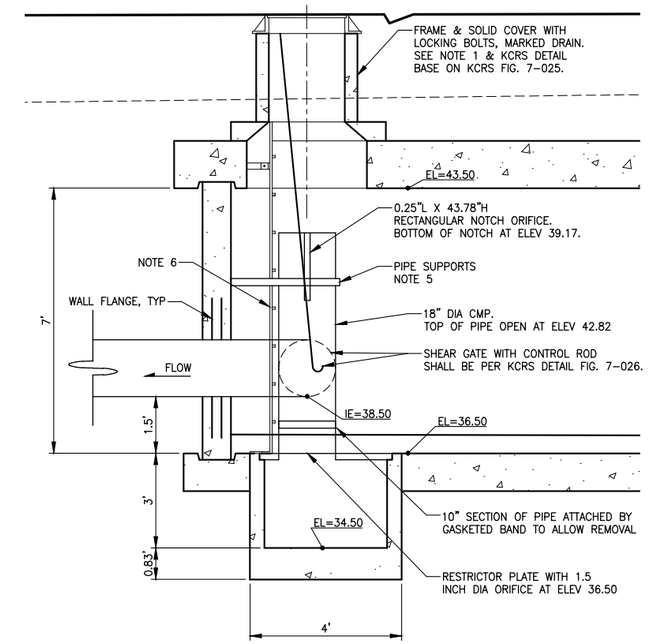
SEC'S 8, 17 TWP. 24 N., RGE. 06 E, W.M.



FRAME & COVER, ACCESS RISERS NOT SHOWN

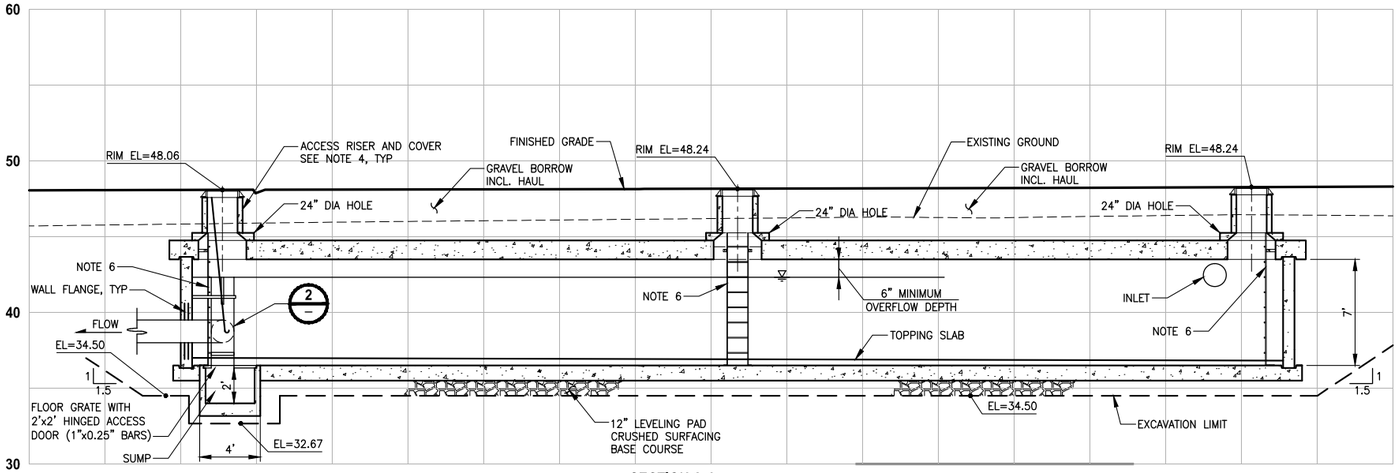
PLAN

SCALE IN FEET 0 5 10



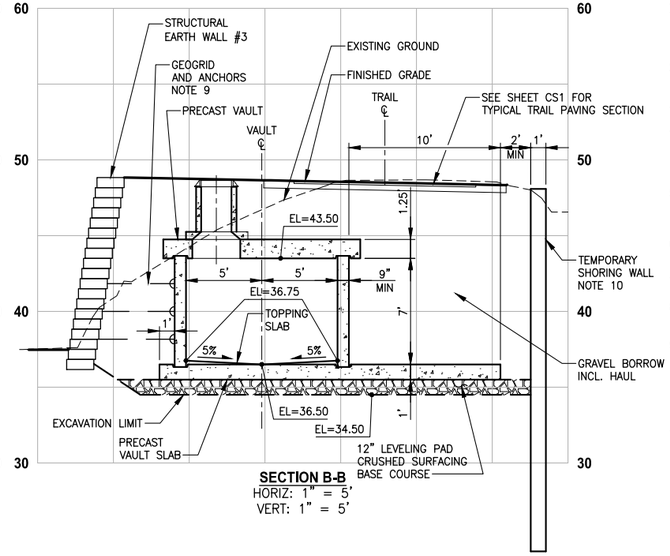
FLOW CONTROL DETAIL 2

NO SCALE



SECTION A-A

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



SECTION B-B

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

PRECAST CONCRETE VAULT DETAIL 1

SCALE: 1" = 5'

NOTES:

1. ALL METAL PARTS MUST BE CORROSION RESISTANT. STEEL PARTS MUST BE GALVANIZED AND ASPHALT COATED (TREATMENT 1 OR BETTER).
2. PRECAST VAULTS SHALL HAVE APPROVED RUBBER GASKET SYSTEM.
3. VAULT MUST USE REMOVABLE LIDS.
4. ACCESS RISER STRUCTURES SHALL BE PER 2007 KCRS FIG. 7-005. ACCESS COVERS SHALL BE SOLID LOCKING COVERS PER KCRS FIGS. 7-022 AND 7-023.
5. FLOW CONTROL RESTRICTOR, PIPE SUPPORTS AND SHEAR GATE WITH CONTROL ROD FOR CLEANOUT SHALL BE PER KCRS FIGS. 7-025 AND 7-026.
6. HANDHOLDS, STEPS AND LADDERS SHALL BE PER KCRS FIG. 7-006.
7. CMP = CORRUGATED METAL PIPE.
8. CPEP = CORRUGATED POLYETHEYLENE PIPE, DOUBLE WALLED.
9. CONTRACTOR TO SUBMIT SHOP DRAWINGS AND CALCULATIONS SEALED AND SIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF WASHINGTON FOR GEOGRID AND ANCHOR SYSTEM CONNECTION FROM STRUCTURAL EARTH WALL TO PRE-CAST CONCRETE VAULT WALL.
10. TEMPORARY SHORING WALL ESTIMATED LOCATION. CONTRACTOR TO SUBMIT SHOP DRAWINGS AND STRUCTURAL CALCULATIONS FOR APPROVAL PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03DD-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

PRELIMINARY
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

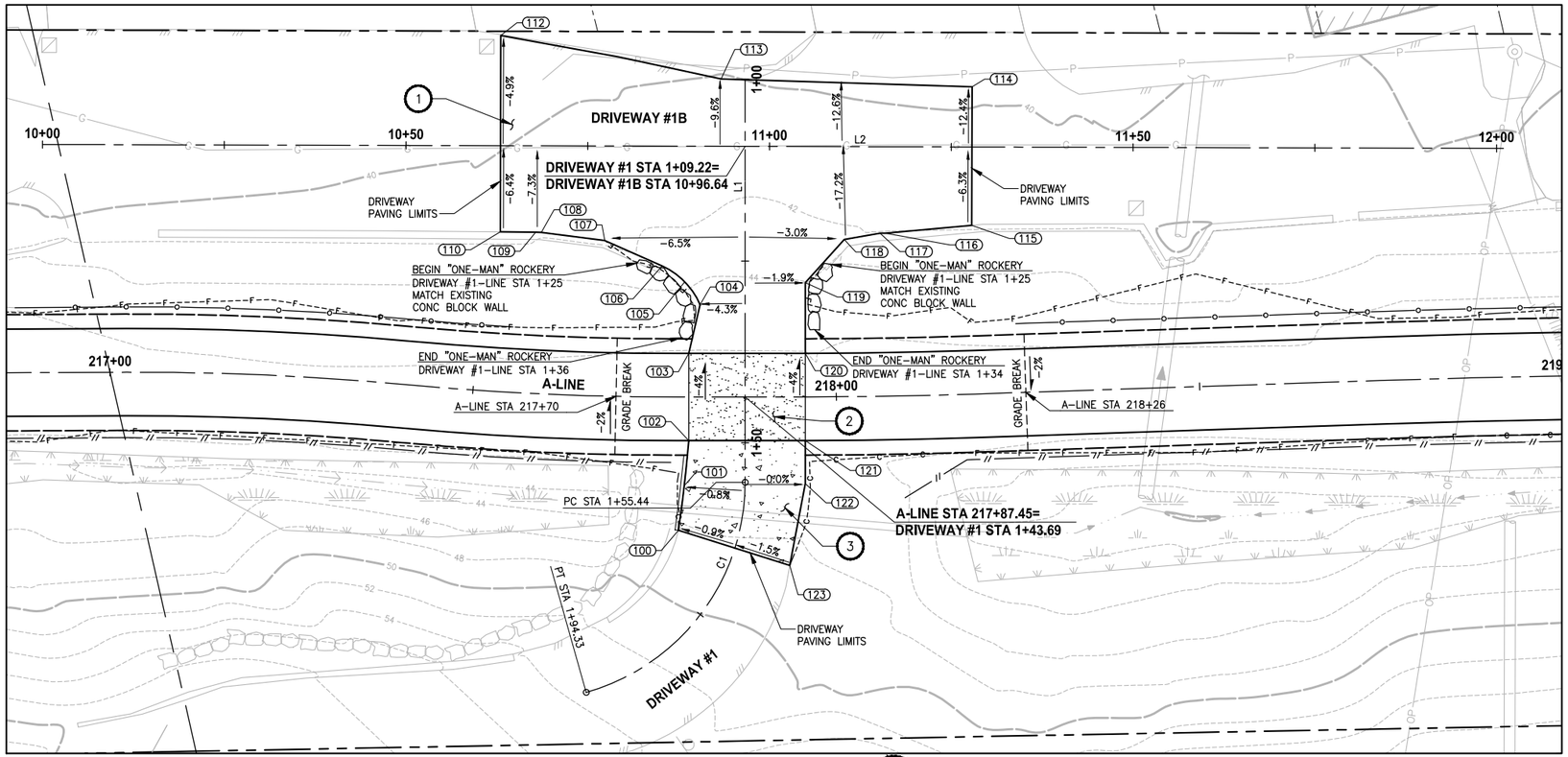
DRAINAGE DETAILS

SHEET NO. 43 OF 78

DD2

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995vca\CADD\Phase 20\Task 03\DWG\
PLOTTED BY: purgabut DATE: Wednesday, April 22, 2015 2:55:20 PM
LAYOUT: DD2

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



PLAN

SCALE IN FEET

0 10 20

CONSTRUCTION NOTES:

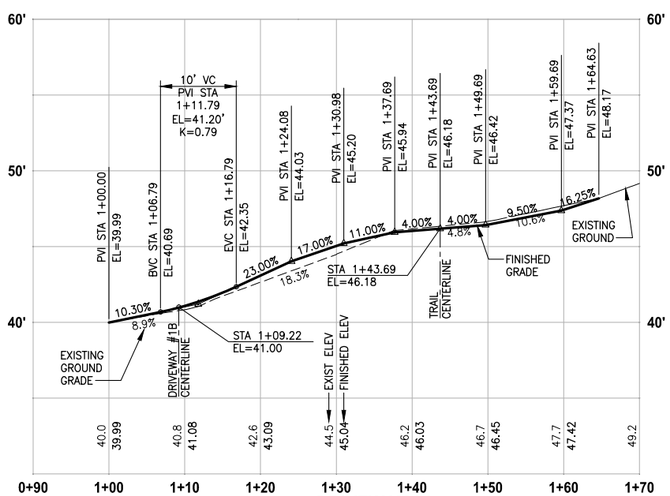
1. HMA DRIVEWAY PAVEMENT SECTION SHALL BE 4" HMA CL. 1/2 PG 64-22 OVER 8" CRUSHED SURFACING BASE COURSE.
2. PATTERNED CONCRETE INTERSECTION SEE 1/MD2
3. CEMENT CONCRETE DRIVEWAY APPROACH SHALL BE 6" CEMENT CONCRETE 24-HR MIX OVER 4" CRUSHED SURFACING BASE COURSE. WIRE BRUSH/TINE FINISH, PERPENDICULAR TO VEHICULAR TRAFFIC OR MATCH EXISTING CONCRETE FINISH OR PATTERN AS DIRECTED BY THE PROJECT REPRESENTATIVE.

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	47.00'	CURVE MIDPOINT
102	DRIVEWAY #1	1+49.69	7.74' RT	46.42'	CONC-CONC
103	DRIVEWAY #1	1+37.69	7.75' RT	45.94'	CONC-CONC
104	DRIVEWAY #1	1+30.99	6.19' RT	45.19'	CURVE PT
105	DRIVEWAY #1	1+27.85	8.3' RT	44.63'	CURVE MIDPOINT
106	DRIVEWAY #1	1+25.66	11.41' RT	43.80'	CURVE PC
107	DRIVEWAY #1B	10+77.38	13.00' RT	42.38'	AP
108	DRIVEWAY #1B	10+68.64	11.91' RT	41.17'	AP
109	DRIVEWAY #1B	10+67.87	11.88' RT	41.06'	AP
110	DRIVEWAY #1B	10+63.00	11.85' RT	40.72'	ME-ASPH
111	NOT USED	-	-	-	-
112	DRIVEWAY #1B	10+63.00	15.17' LT	39.23'	ME-AP
113	DRIVEWAY #1B	10+93.30	9.28' LT	40.05'	ME-AP
114	DRIVEWAY #1B	11+27.84	8.27' LT	39.65'	ME-ASPH
115	DRIVEWAY #1B	11+27.85	10.78' RT	41.34'	ME-ASPH
116	DRIVEWAY #1B	11+16.00	11.91' RT	42.85'	AP
117	DRIVEWAY #1B	11+15.22	11.89' RT	43.00'	AP
118	DRIVEWAY #1B	11+10.32	12.76' RT	43.16'	AP
119	DRIVEWAY #1	1+27.96	8.28' LT	44.73'	AP
120	DRIVEWAY #1	1+37.68	8.28' LT	45.94'	CONC-CONC
121	DRIVEWAY #1	1+49.68	8.29' LT	46.42'	CONC-CONC
122	DRIVEWAY #1	1+55.58	8.29' LT	46.99'	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

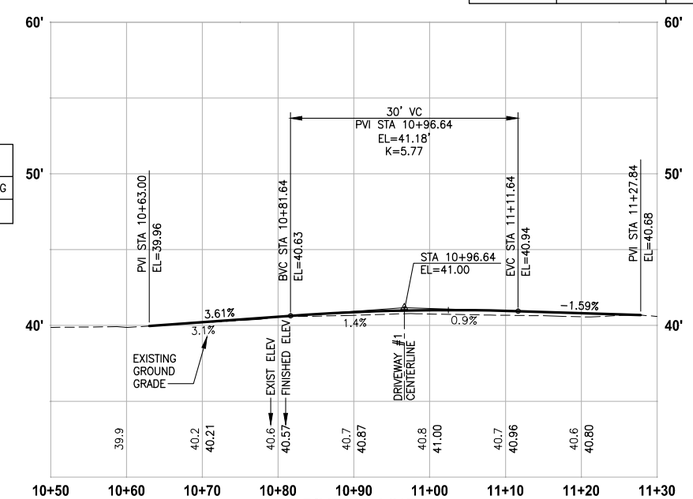
LINE	LENGTH	BEARING	BEGIN EASTING	BEGIN NORTHING	END EASTING	END NORTHING
L1	55.44	N14° 43' 30"E	1338166.03	209654.64	1338180.12	209708.26

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

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME BL1521075P20T03DP-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

YAMMIE Y. HO STATE OF WASHINGTON 40829 REGISTERED PROFESSIONAL ENGINEER

PRELIMINARY

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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

DRIVEWAY PLAN AND PROFILE

SHEET NO. 44 OF 78

DP1

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\
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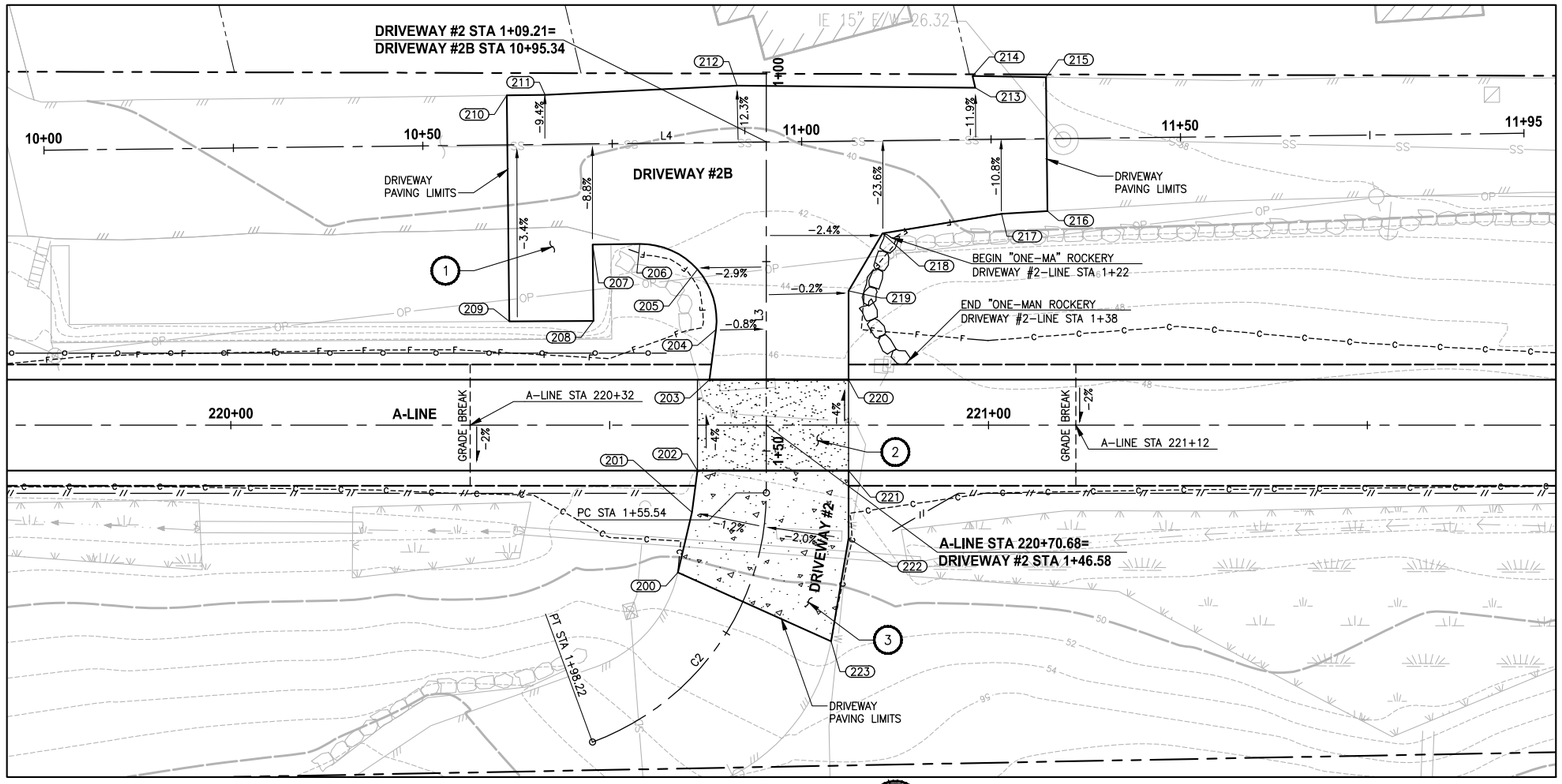
LAYOUT: DP1

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



PLAN

SCALE IN FEET

0 10 20

CONSTRUCTION NOTES:

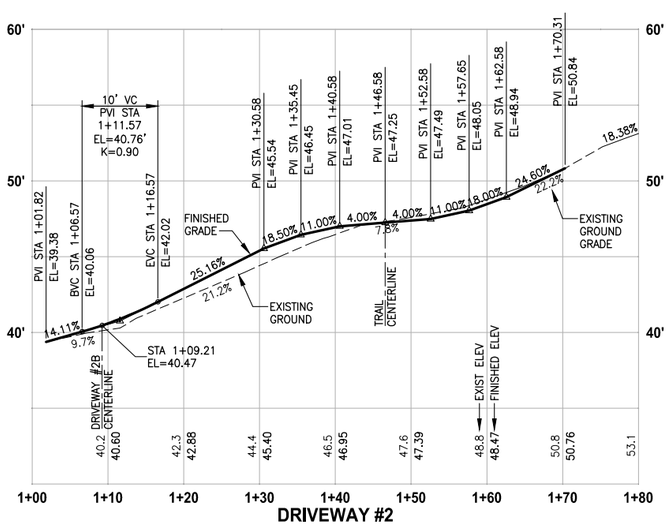
1. HMA DRIVEWAY PAVEMENT SECTION SHALL BE 4" HMA CL. 1/2 PG 64-22 OVER 8" CRUSHED SURFACING BASE COURSE.
2. PATTERNED CONCRETE INTERSECTION SEE 1/MD2
3. CEMENT CONCRETE DRIVEWAY APPROACH SHALL BE 6" CEMENT CONCRETE 24-HR MIX OVER 4" CRUSHED SURFACING BASE COURSE. WIRE BRUSH/TINE FINISH, PERPENDICULAR TO VEHICULAR TRAFFIC OR MATCH EXISTING CONCRETE FINISH OR PATTERN AS DIRECTED BY THE PROJECT REPRESENTATIVE.

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	48.35'	AP
202	DRIVEWAY #2	1+52.58	9.09' RT	47.49'	CONC-CONC
203	DRIVEWAY #2	1+40.58	7.52' RT	47.01'	CONC-CONC
204	DRIVEWAY #2	1+33.97	6.65' RT	46.20'	CURVE PT
205	DRIVEWAY #2	1+26.04	9.09' RT	44.20'	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	23.35' RT	42.22'	AP
209	DRIVEWAY #2B	10+61.17	23.30' RT	40.30'	ME-ASPH
210	DRIVEWAY #2B	10+61.17	6.54' LT	39.16'	ME-ASPH
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+32.34	8.11' LT	38.00'	ME-ASPH
216	DRIVEWAY #2B	11+32.34	9.55' RT	39.03'	ME-ASPH
217	DRIVEWAY #2B	11+26.30	9.83' RT	39.80'	AP
218	DRIVEWAY #2B	11+10.52	12.26' RT	42.95'	AP
219	DRIVEWAY #2	1+28.85	10.87' LT	45.14'	AP
220	DRIVEWAY #2	1+40.58	10.87' LT	47.01'	CONC-CONC
221	DRIVEWAY #2	1+52.58	10.87' LT	47.49'	CONC-CONC
222	DRIVEWAY #2	1+60.09	11.26' LT	48.70'	AP
223	DRIVEWAY #2	1+70.31	12.74' LT	51.34'	ME-CONC



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

DRIVEWAY #2 LINE TABLE

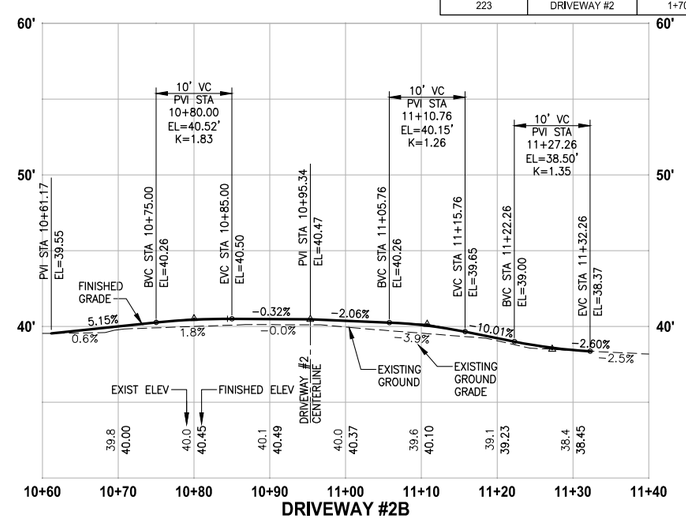
LINE	LENGTH	BEARING	BEGIN EASTING	BEGIN NORTHING	END EASTING	END NORTHING
L3	55.54	N14° 43' 30"E	1337890.63	209720.83	1337904.74	209774.54

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



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

CITY OF SAMMAMISH APPROVAL

City Engineer — Date

Community Development — Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
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REVISIONS	DATE	BY

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

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

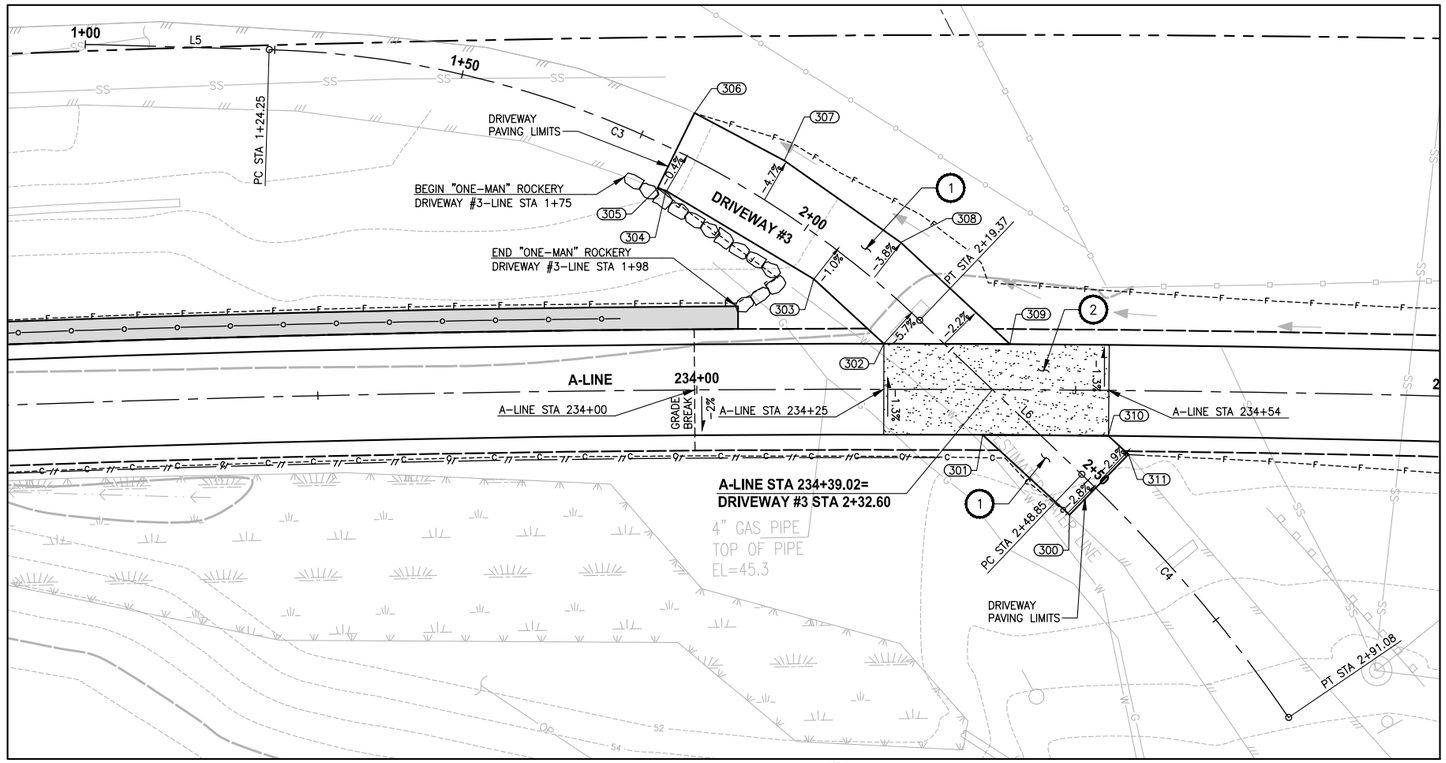
DRIVEWAY PLAN AND PROFILE

SHEET NO. 45 OF 78

DP2

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\
PLOTTED BY: purgabut DATE: Wednesday, April 22, 2015 12:00:14 PM
LAYOUT: DP2

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



PLAN

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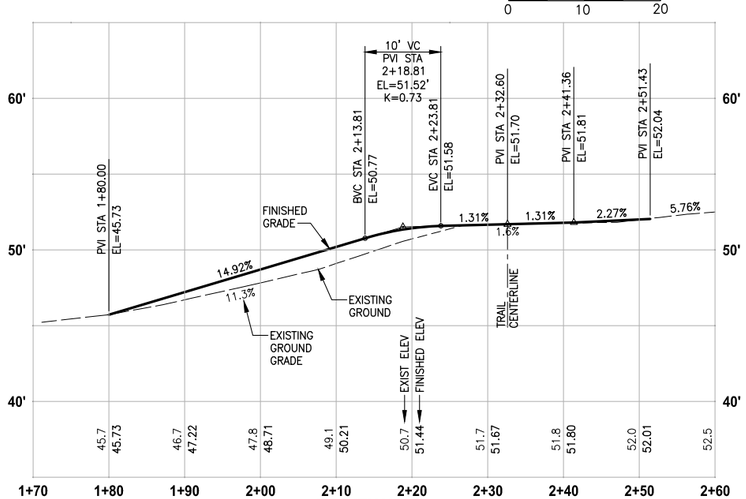

DRIVEWAY #3

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 INTERSECTION SEE 1/MD2
3. CEMENT CONCRETE DRIVEWAY APPROACH SHALL BE 6" CEMENT CONCRETE 24-HR MIX OVER 4" CRUSHED SURFACING BASE COURSE. WIRE BRUSH/TINE FINISH, PERPENDICULAR TO VEHICULAR TRAFFIC OR MATCH EXISTING CONCRETE FINISH OR PATTERN AS DIRECTED BY THE PROJECT REPRESENTATIVE.

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'	ASPH-CONC
302	DRIVEWAY #3	2+18.00	5.49' RT	51.58'	ASPH-CONC
303	DRIVEWAY #3	2+04.91	4.90' RT	49.51'	AP
304	DRIVEWAY #3	1+81.20	5.35' RT	45.98'	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	47.41'	AP
308	DRIVEWAY #3	2+10.84	6.01' LT	50.14'	AP
309	DRIVEWAY #3	2+30.14	5.93' LT	51.58'	ASPH-CONC
310	DRIVEWAY #3	2+47.89	6.12' LT	51.81'	ASPH-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

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME BL15210075P20T03DP-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

PRELIMINARY

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

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

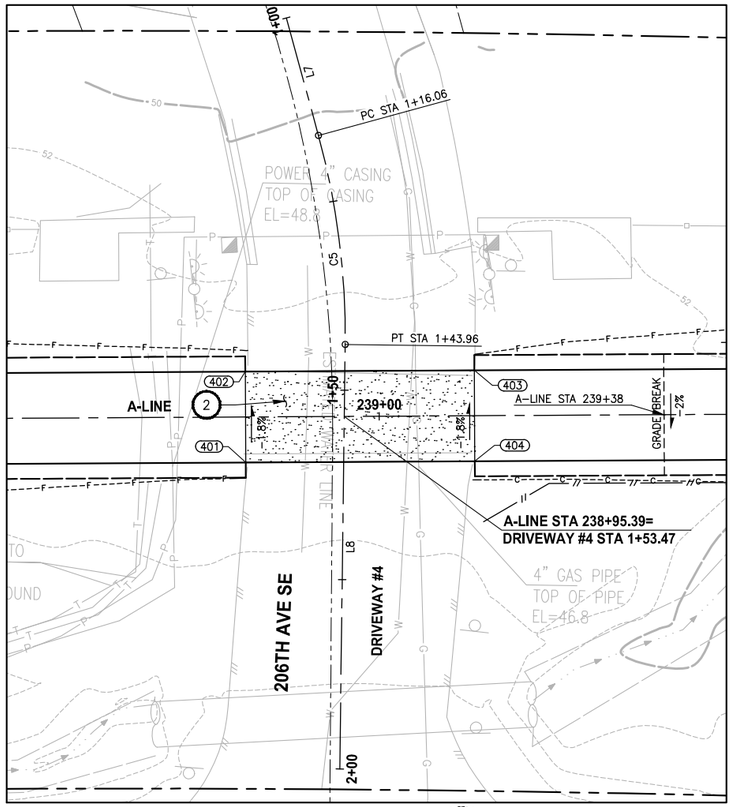
DRIVEWAY PLAN AND PROFILE

SHEET NO. 46 OF 78

DP3

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Tuesday, April 21, 2015 2:50:45 PM
LAYOUT: DP3

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



PLAN

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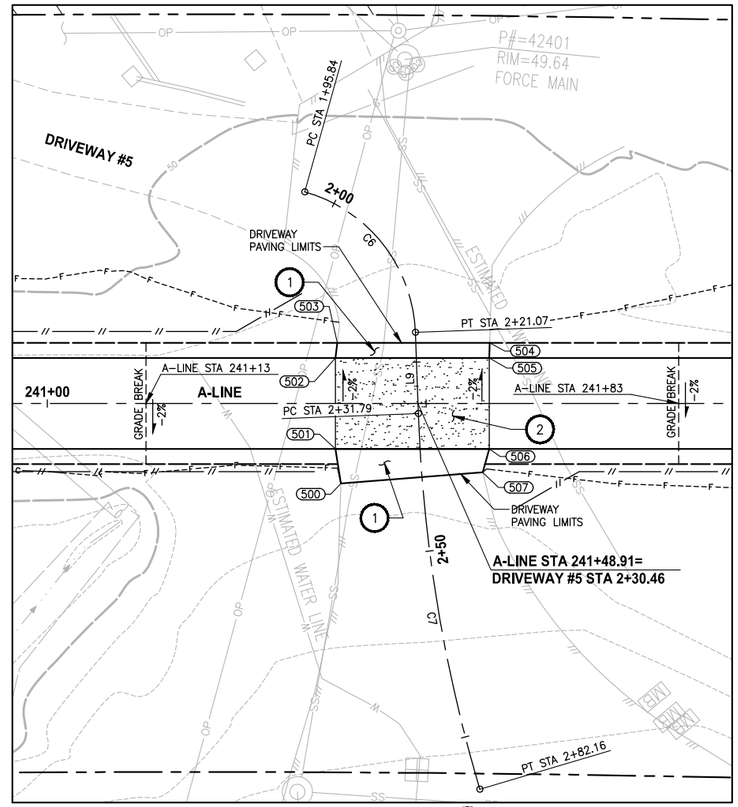

PLAN

SCALE IN FEET

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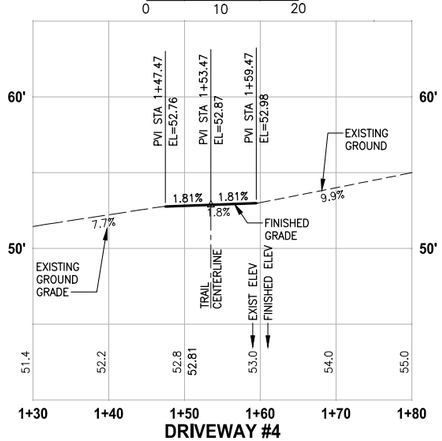
CONSTRUCTION NOTES:

1. HMA DRIVEWAY PAVEMENT SECTION SHALL BE 4" HMA CL. 1/2 PG 64-22 OVER 8" CRUSHED SURFACING BASE COURSE.
2. PATTERNED CONCRETE INTERSECTION SEE 1/MD2
3. CEMENT CONCRETE DRIVEWAY APPROACH SHALL BE 6" CEMENT CONCRETE 24-HR MIX OVER 4" CRUSHED SURFACING BASE COURSE. WIRE BRUSH/TINE FINISH, PERPENDICULAR TO VEHICULAR TRAFFIC OR MATCH EXISTING CONCRETE FINISH OR PATTERN AS DIRECTED BY THE PROJECT REPRESENTATIVE.

LEGEND:

- PATTERNED CONCRETE DRIVEWAY
- HMA
- CEMENT CONCRETE PAVEMENT



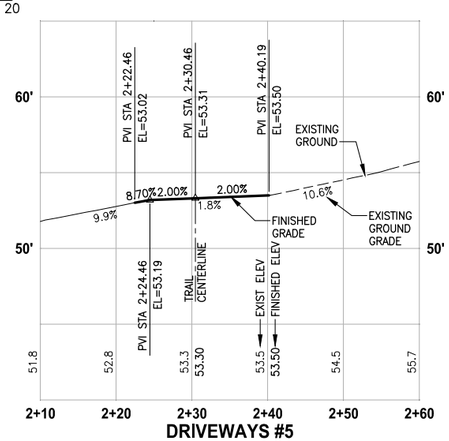
DRIVEWAY #4

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

DRIVEWAY #4 POINT TABLE					
POINT #	ALIGNMENT	STATION	OFFSET	ELEVATION	DESCRIPTION
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+47.16	17.09' LT	52.76'	HMA-CONC
404	DRIVEWAY #4	1+59.16	17.31' LT	52.98'	HMA-CONC

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

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APPROVED O. KIKUTA

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

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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 78

DP4

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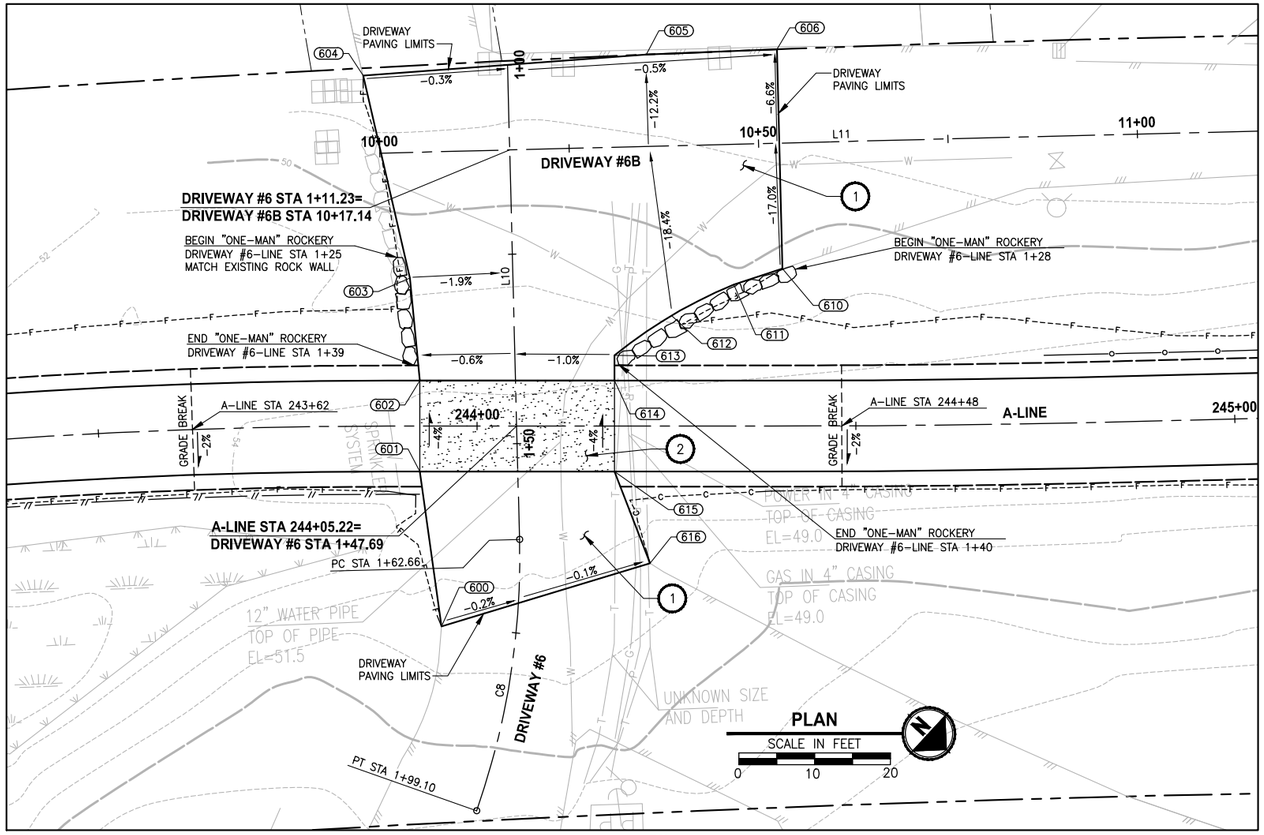
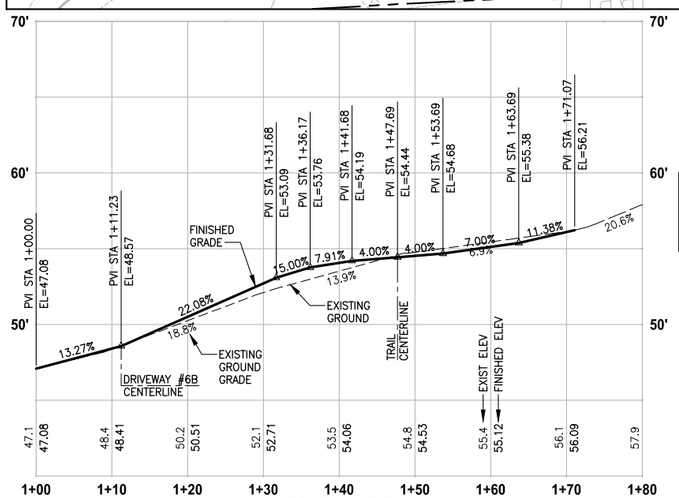
LAYOUT: DP4

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





DRIVEWAYS #6

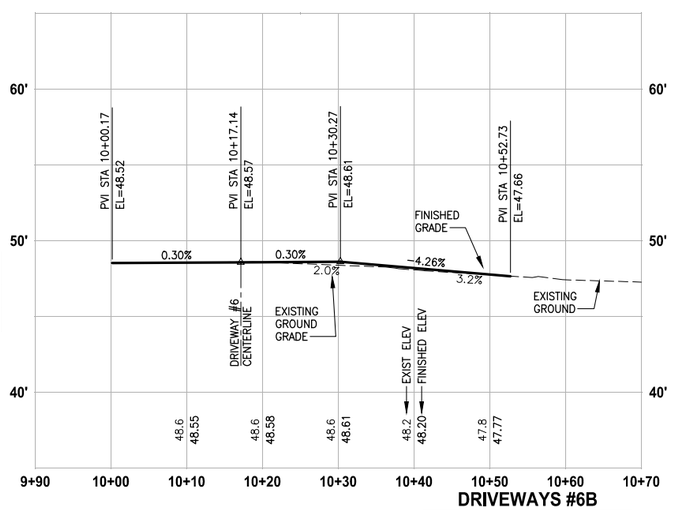
HORIZ: 1"=10'
VERT: 1"=5'

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

DRIVEWAY #6 POINT TABLE					
POINT #	ALIGNMENT	STATION	OFFSET	ELEVATION	DESCRIPTION
600	DRIVEWAY #6	1+75.13	9.89' RT	56.82'	ME-ASPH
601	DRIVEWAY #6	1+53.36	12.94' RT	54.68'	ASPH-CONC
602	DRIVEWAY #6	1+41.37	12.63' RT	54.25'	ASPH-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-ASPH
605	DRIVEWAY #6B	10+35.48	12.13' LT	46.91'	ME-AP
606	DRIVEWAY #6B	10+52.73	12.39' LT	46.84'	ME-AP
610	DRIVEWAY #6B	10+27.80	35.59' RT	50.48'	ME-AP
611	DRIVEWAY #6B	10+29.73	29.13' RT	51.14'	CURVE PT
612	DRIVEWAY #6B	10+33.62	20.82' RT	52.55'	CURVE MIDPOINT
613	DRIVEWAY #6	1+38.66	13.15' LT	54.04'	CURVE PC
614	DRIVEWAY #6	1+42.01	13.06' LT	54.25'	ASPH-CONC
615	DRIVEWAY #6	1+54.01	12.76' LT	54.68'	ASPH-CONC
616	DRIVEWAY #6	1+65.71	17.21' LT	56.75'	ME-ASPH



DRIVEWAYS #6B

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 INTERSECTION SEE 1/MD2
3. CEMENT CONCRETE DRIVEWAY APPROACH SHALL BE 6" CEMENT CONCRETE 24-HR MIX OVER 4" CRUSHED SURFACING BASE COURSE. WIRE BRUSH/TINE FINISH, PERPENDICULAR TO VEHICULAR TRAFFIC OR MATCH EXISTING CONCRETE FINISH OR PATTERN AS DIRECTED BY THE PROJECT REPRESENTATIVE.

LEGEND:

- PATTERNED CONCRETE DRIVEWAY
- HMA
- CEMENT CONCRETE PAVEMENT

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03DP-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

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.
48 OF 78

DP5

PATH: U:\PSO\Projects\Clients\521-KingCo\554-1521-075-ELST\995vcs\CADD\Phase 20\Task 03\DWG\
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LAYOUT: DP5

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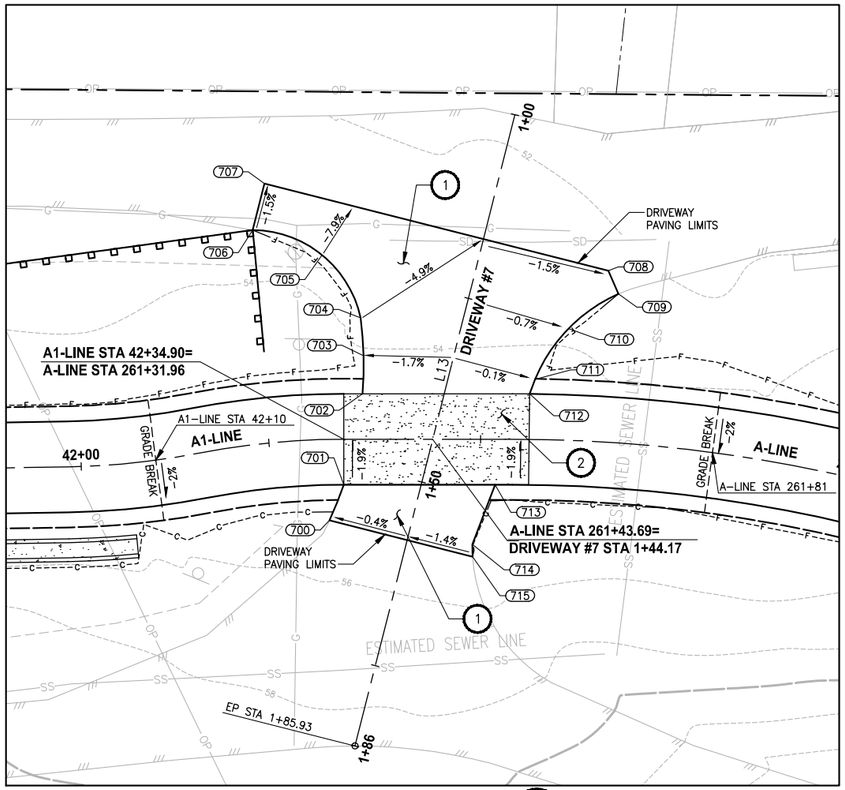

PLAN

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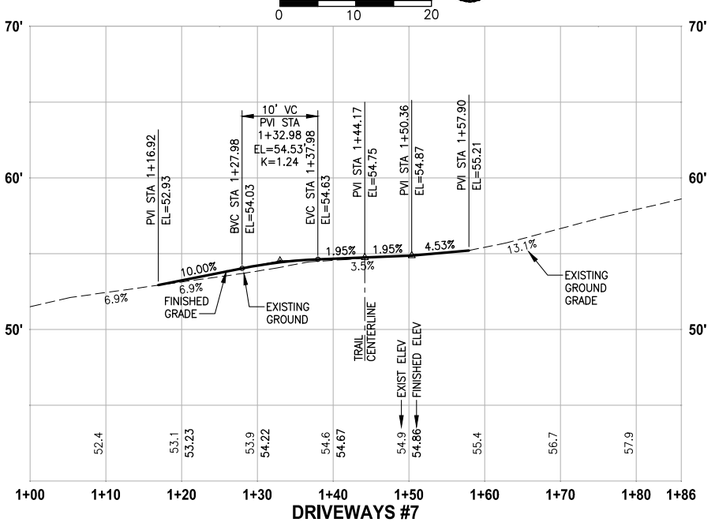

DRIVEWAYS #7

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 INTERSECTION SEE 1/MD2
3. CEMENT CONCRETE DRIVEWAY APPROACH SHALL BE 6" CEMENT CONCRETE 24-HR MIX OVER 4" CRUSHED SURFACING BASE COURSE. WIRE BRUSH/TINE FINISH, PERPENDICULAR TO VEHICULAR TRAFFIC OR MATCH EXISTING CONCRETE FINISH OR PATTERN AS DIRECTED BY THE PROJECT REPRESENTATIVE.

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-ASPH
701	DRIVEWAY #7	1+52.87	9.90' RT	54.87'	ASPH-CONC
702	DRIVEWAY #7	1+40.63	10.45' RT	54.63'	ASPH-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 -ASPH
707	DRIVEWAY #7	1+16.92	29.81' RT	52.23'	ME-ASPH
708	DRIVEWAY #7	1+16.92	17.01' LT	52.69'	ME-ASPH
709	DRIVEWAY #7	1+19.56	19.06' LT	52.87'	ME-ASPH
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'	ASPH-CONC
713	DRIVEWAY #7	1+47.97	9.45' LT	54.87'	ASPH-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-ASPH

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

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
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REVISIONS	DATE	BY

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

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

DRIVEWAY PLAN AND PROFILE

SHEET NO. 49 OF 78

DP6

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\
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LAYOUT: DP6

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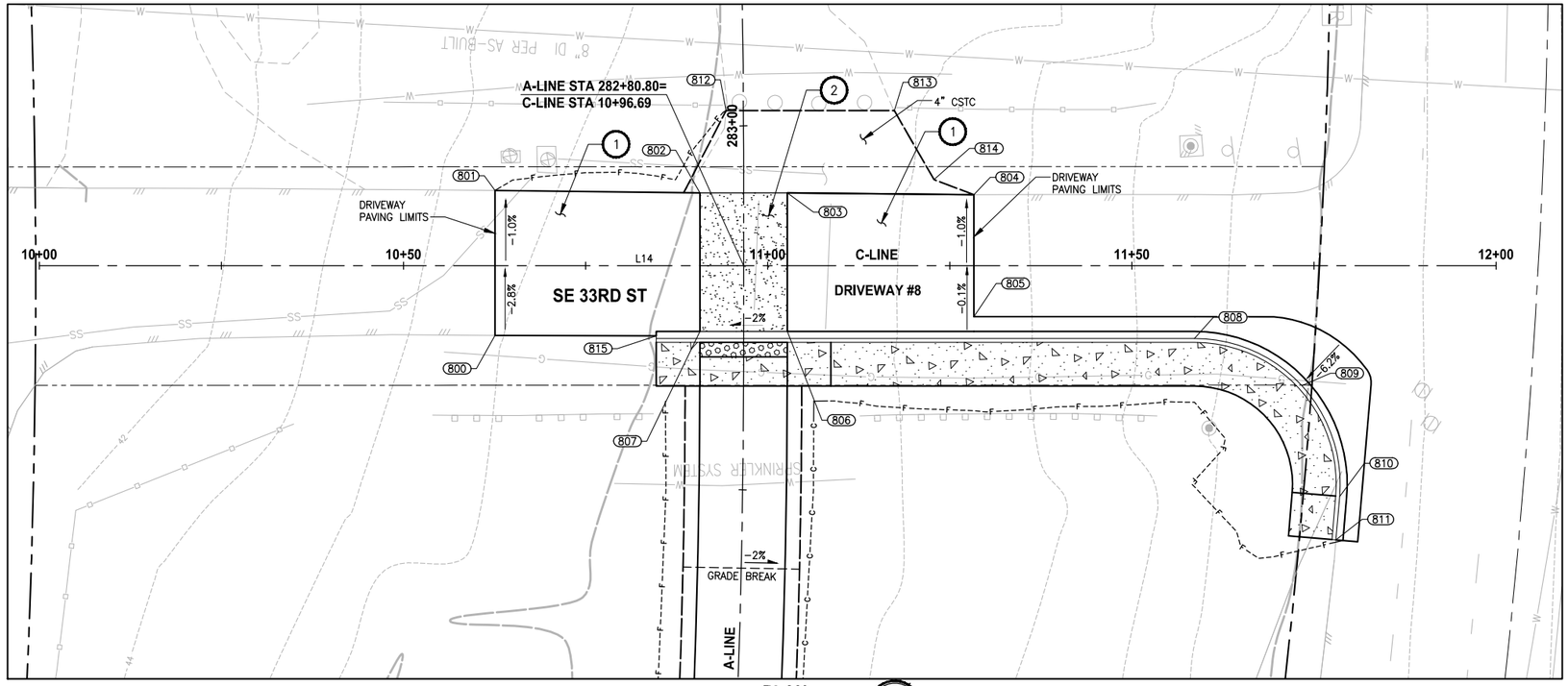

PLAN

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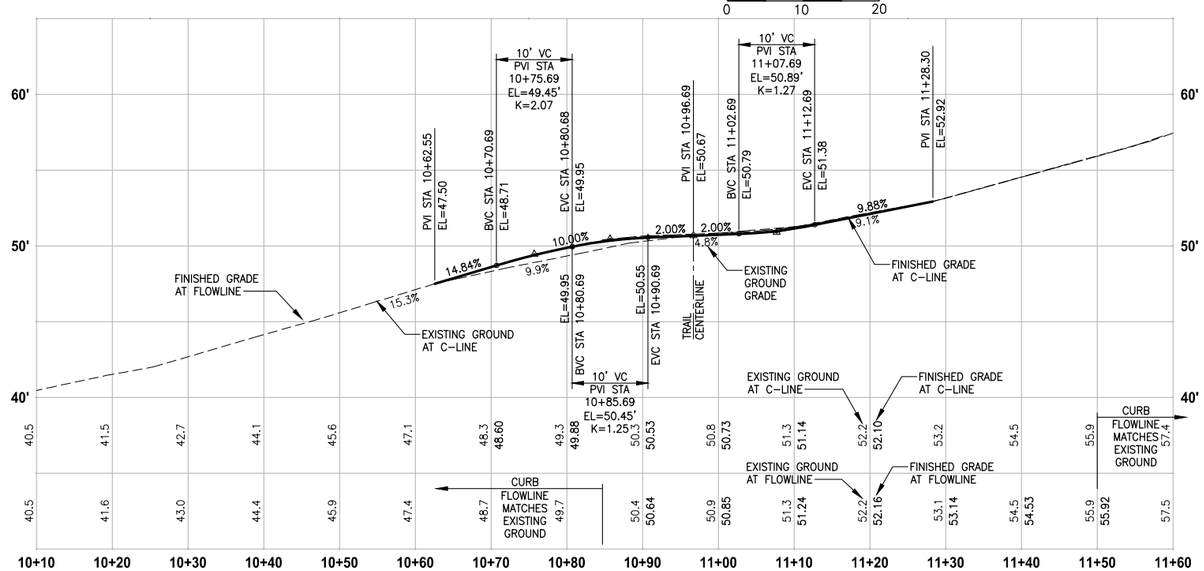

DRIVEWAYS #8

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 INTERSECTION SEE 1/MD2
3. CEMENT CONCRETE DRIVEWAY APPROACH SHALL BE 6" CEMENT CONCRETE 24-HR MIX OVER 4" CRUSHED SURFACING BASE COURSE. WIRE BRUSH/TINE FINISH, PERPENDICULAR TO VEHICULAR TRAFFIC OR MATCH EXISTING CONCRETE FINISH OR PATTERN AS DIRECTED BY THE PROJECT REPRESENTATIVE.

LEGEND:

- PATTERNED CONCRETE DRIVEWAY
- HMA
- CEMENT CONCRETE PAVEMENT

DRIVEWAY #8 POINT TABLE

POINT #	ALIGNMENT	STATION	OFFSET	ELEVATION	DESCRIPTION
800	DRIVEWAY #8	10+62.55	9.60' RT	47.79'	ME-HMA
801	DRIVEWAY #8	10+62.55	10.32' LT	47.40'	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	9.75' LT	52.83'	ME-HMA
805	DRIVEWAY #8	11+28.30	7.00' 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
815	DRIVEWAY #8	10+84.69	9.64' RT	50.37'	HMA

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

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SAMMAMISH, WA

DRIVEWAY PLAN AND PROFILE

SHEET NO. 50 OF 78

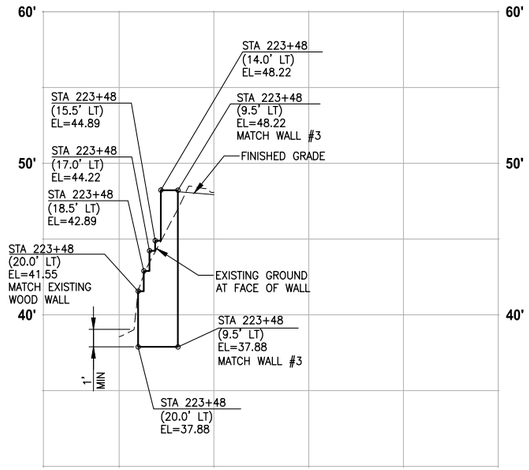
DP7

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\999vcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Tuesday, April 21, 2015 2:51:47 PM
LAYOUT: DP7

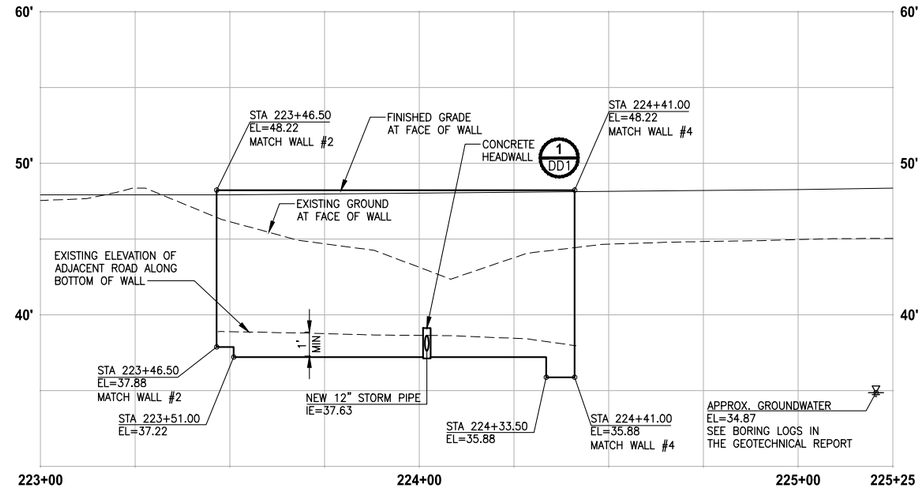
SEC'S 8, 17 TWP. 24 N., RGE. 06 E, W.M.

NOTES:

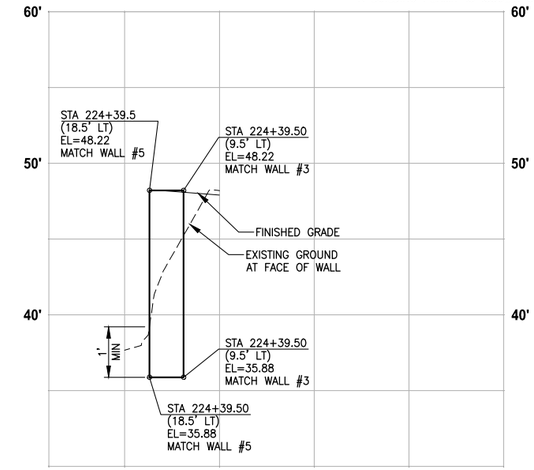
1. EXISTING UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTH, AS AUTHORIZED BY THE ENGINEER.
2. INSTALL 4 IN. DIA. PVC SLEEVE FOR UTILITY LINES (UP TO 2" DIA) FOR 10 LF CENTERED AT THE WALL. IF THE UTILITY LINES FOUND ARE LARGER THAN ANTICIPATED, NOTIFY THE ENGINEER PRIOR TO INSTALLING SLEEVES.
3. CONSTRUCTION ACITIVITY FOR WALL CANNOT OCCUR UNTIL A BUILDING PERMIT IS ISSUED. SEE SPECIAL PROVISION.



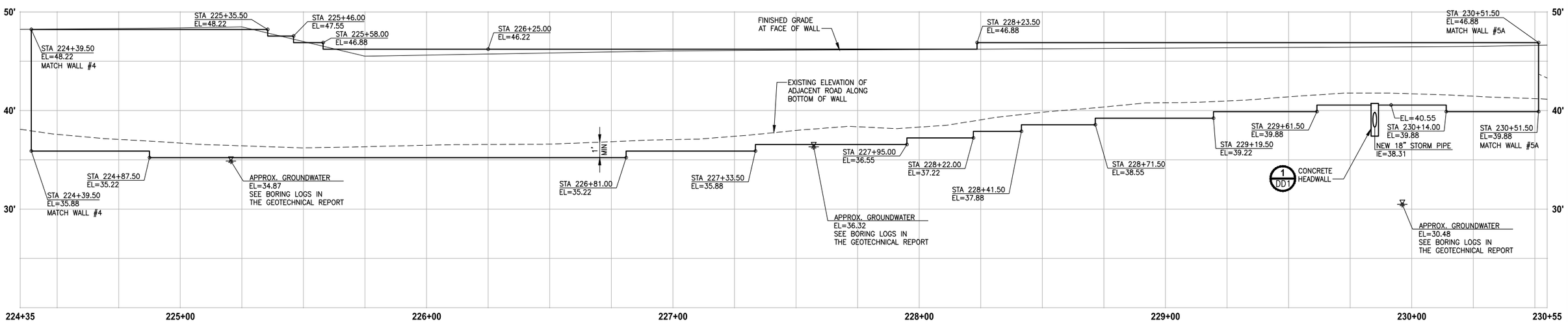
LEFT STRUCTURAL EARTH WALL
WALL #2 (FILL) A-LINE
HORIZ: 1"=20'
VERT: 1"=5'



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'



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

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

▷	REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03WP-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

PRELIMINARY
YAMMIE Y. HO
STATE OF WASHINGTON
40828
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

WALL PROFILES

SHEET NO.
51 OF 78
WP1

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\
PLOTTED BY: purgabut DATE: Tuesday, April 21, 2015 2:52:35 PM
LAYOUT: WP1

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

NOTES:

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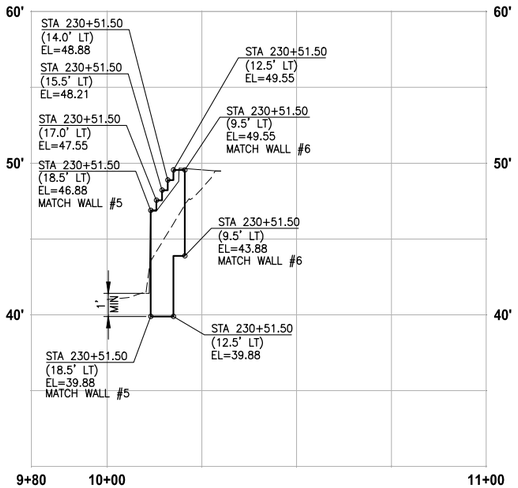
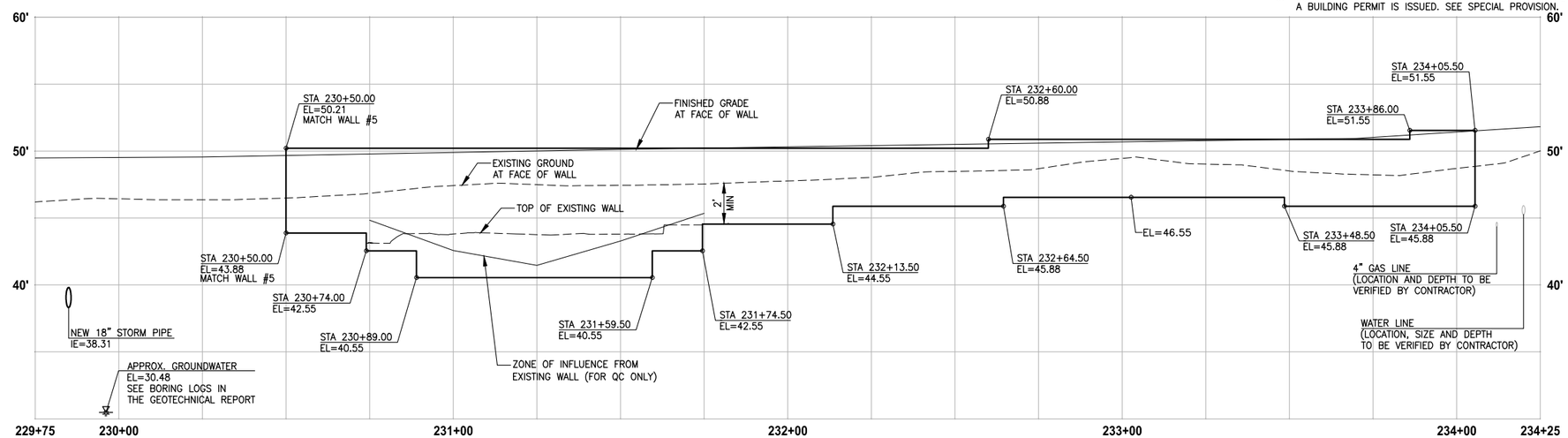
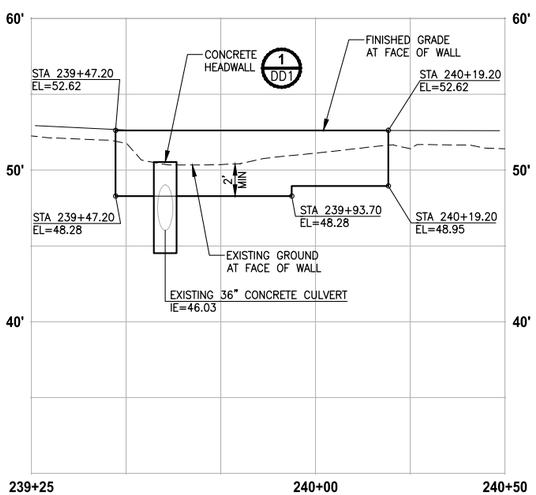


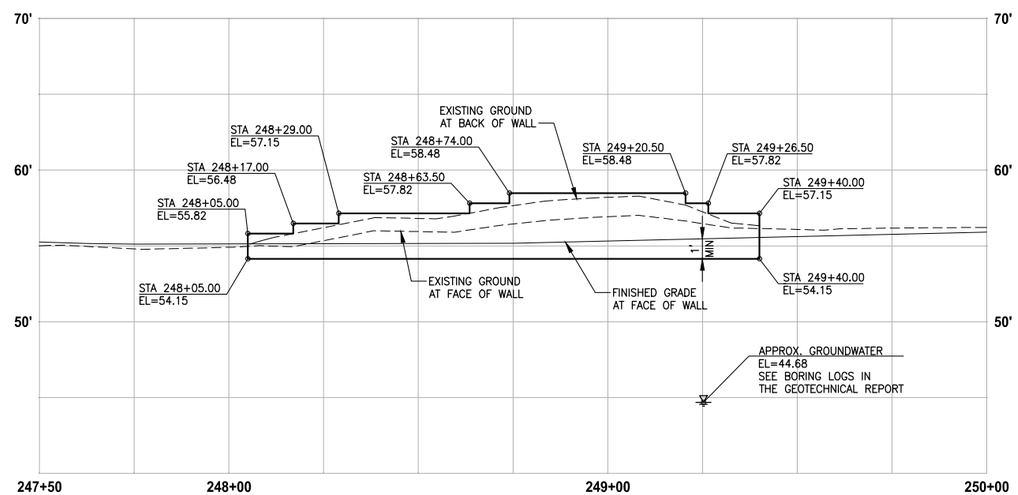
LEFT STRUCTURAL EARTH WALL
WALL #5A (FILL) A-LINE
HORIZ: 1"=20'
VERT: 1"=5'



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'



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

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

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NOT FOR CONSTRUCTION

▷	REVISIONS	DATE	BY

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DRAWN B. PURGANAN
CHECKED Y. HO
APPROVED O. KIKUTA

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

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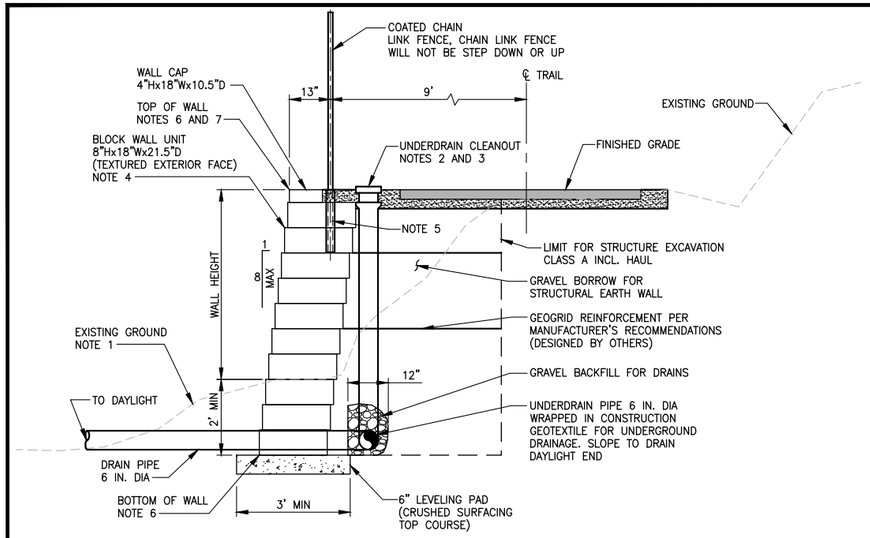
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

WALL PROFILES

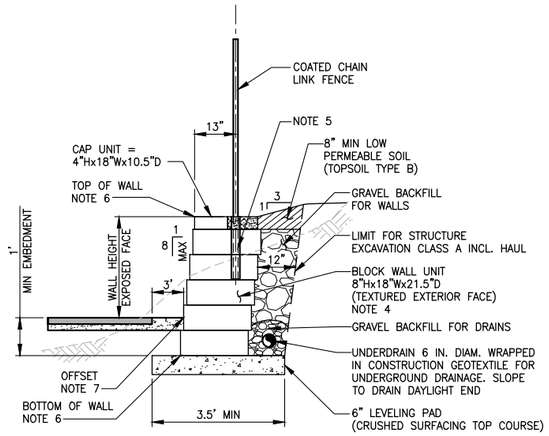
SHEET NO.
52 OF 78
WP2

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\
PLOTTED BY: purgabut DATE: Tuesday, April 21, 2015 4:49:39 PM
LAYOUT: WP2

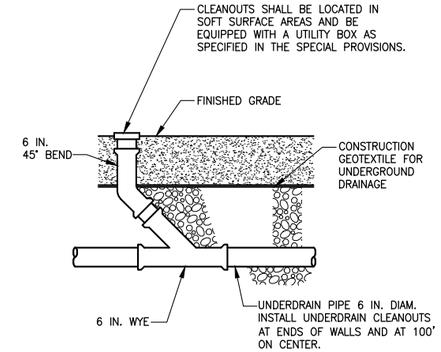
SEC'S 8, 17 TWP. 24 N., RGE. 06 E, W.M.



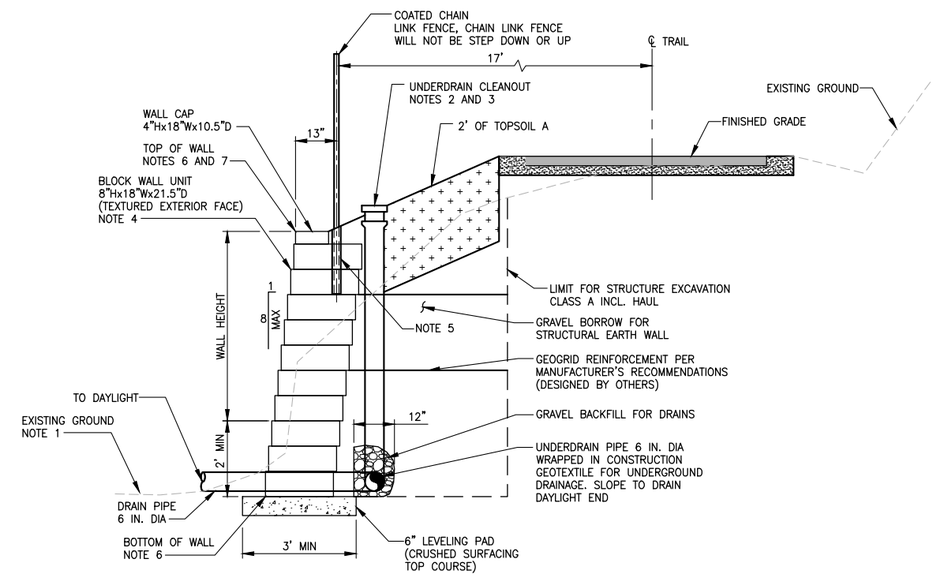
STRUCTURAL EARTH WALL - FILL WALL
DETAIL 1
NO SCALE



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



UNDERDRAIN CLEANOUT
DETAIL 3
NO SCALE



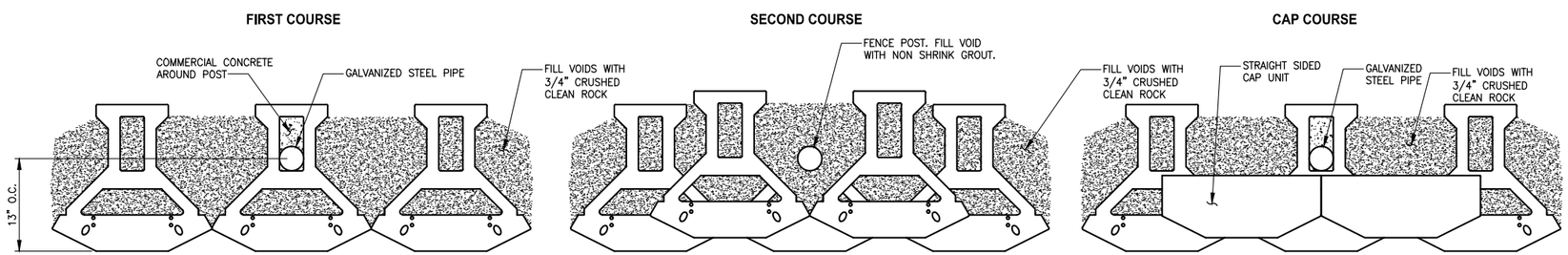
STRUCTURAL EARTH WALL - 3:1 SIDESLOPE WITH FILL WALL
DETAIL 5
NO SCALE

WALL SCHEDULE

WALL #	ALIGNMENT	BEGIN STA	END STA	SIDE	EXPOSED WALL HEIGHT RANGE	FILL/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'–9.0'	FILL
WALL 5	A–LINE	224+39.50	230+51.50	LT	5.0'–12.0'	FILL
WALL 5A	A–LINE	230+51.50	230+51.50	LT	2.0'–5.5'	FILL
WALL 6	A–LINE	230+50.00	234+05.50	LT	1.0'–3.5'	FILL
WALL 7	A–LINE	239+47.20	240+19.20	LT	0.5'–2.5'	FILL
WALL 8	A–LINE	248+05.00	249+40.00	RT	0.5'–3.5'	CUT

NOTES:

1. RESTORE DISTURBED EXISTING GROUND WITH NATIVE SOIL BACKFILL AND SEEDING. ANY LANDSCAPING SHALL BE OFFSET 2 FEET MIN FROM FACE OF WALL. SEE SHEET LD1 FOR SETBACK DETAILS.
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.



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

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

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REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
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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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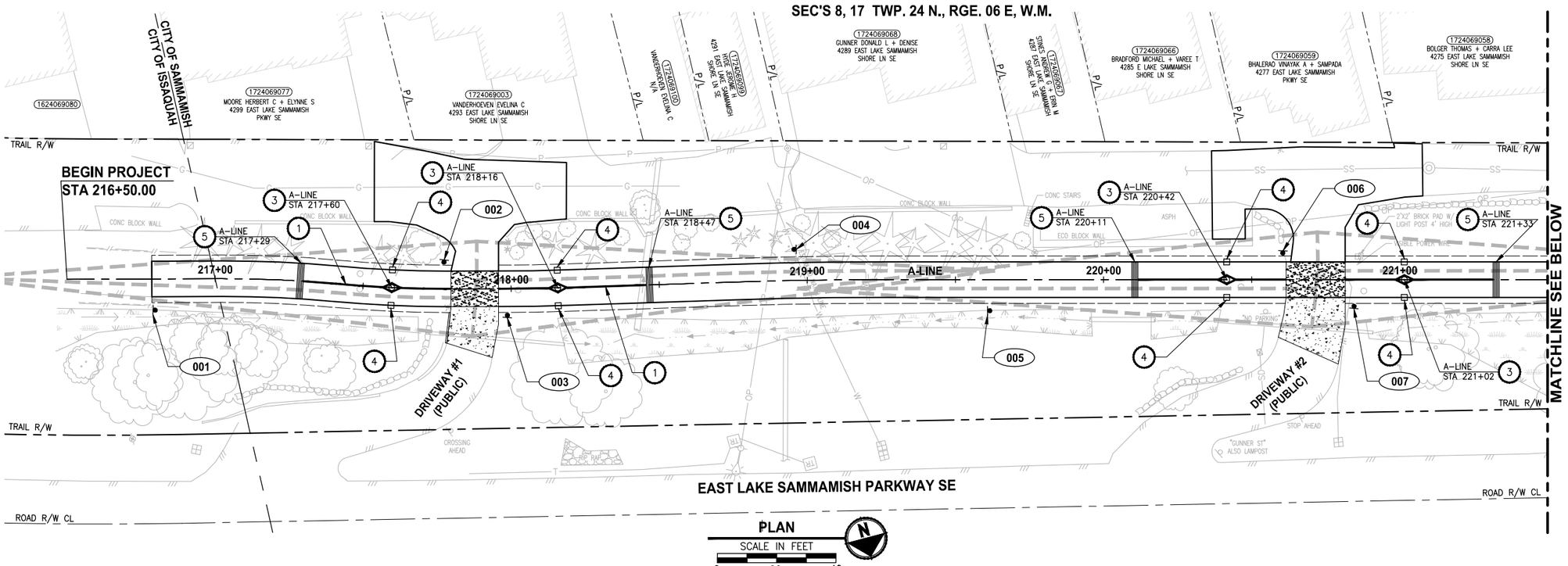
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

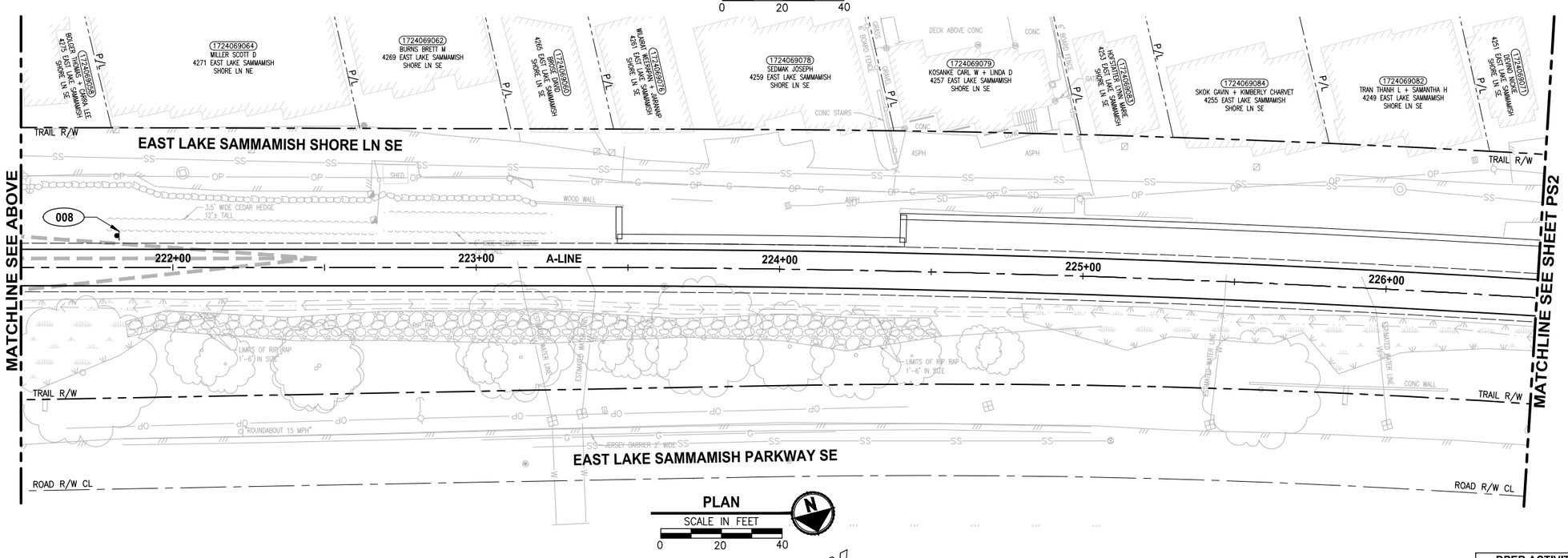
STRUCTURAL EARTH WALL DETAILS

SHEET NO. 53 OF 78

WD1

LAYOUT: WD1 PATH: U:\PSO\Projects\Clients\1521–KingCo\554–1521–075–ELST\995ves\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgobut DATE: Tuesday, April 21, 2015 2:52:59 PM





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.

10' X 175' SIGHT DISTANCE TRIANGLE FOR STOP CONTROLLED INTERSECTION ON DRIVEWAYS.

GENERAL NOTE:

1. FOR SIGN REMOVALS, SEE SP SHEETS.
2. STATION CALLOUTS ARE MEASURED TO THE CENTER OF WARNING BAND AND BOLLARDS.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
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PRELIMINARY
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STATE OF WASHINGTON
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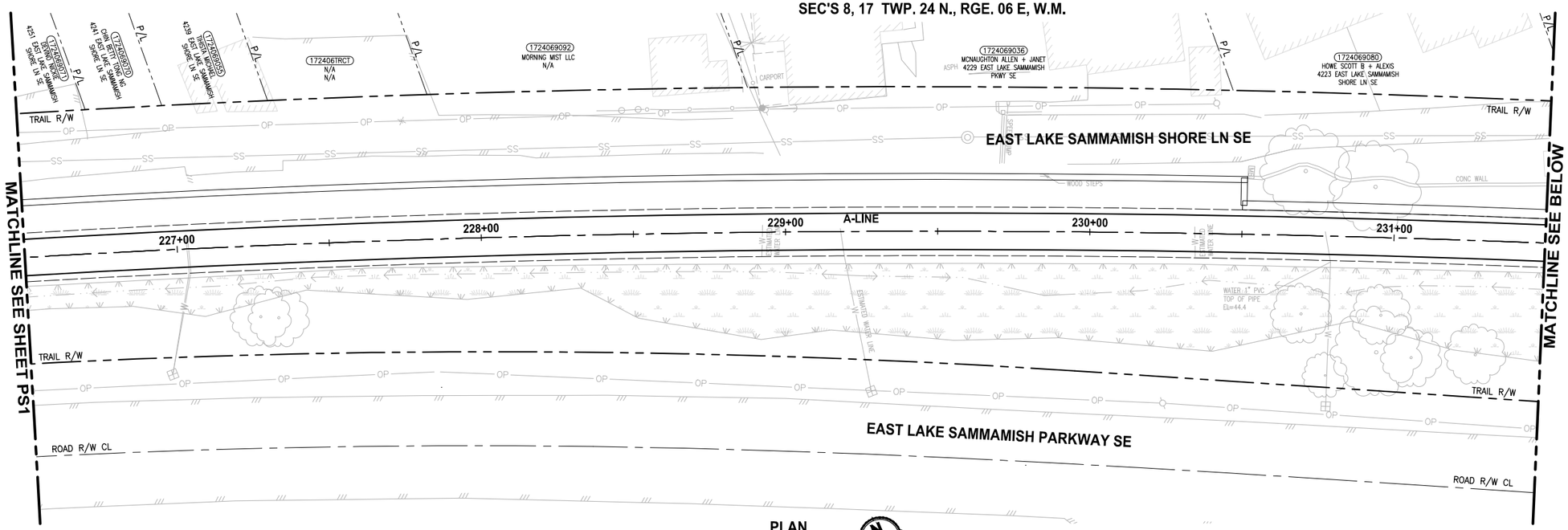
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

PAVEMENT MARKING AND SIGNING PLAN

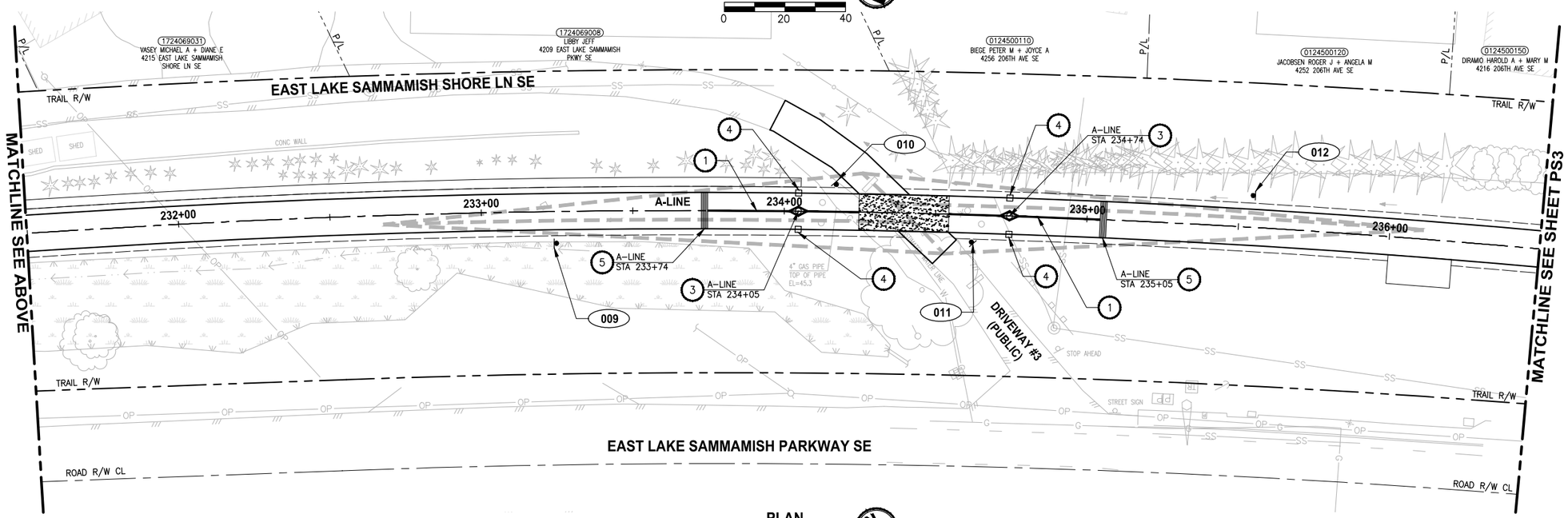
SHEET NO.
54 OF 78
PS1

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\
PLOTTED BY: purgabut DATE: Tuesday, April 21, 2015 2:54:02 PM
LAYOUT: PS1

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

PAVEMENT MARKING AND SIGNING CONSTRUCTION NOTES:

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CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
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YAMMIE Y. HO
STATE OF WASHINGTON
40820
REGISTERED PROFESSIONAL ENGINEER
PRELIMINARY

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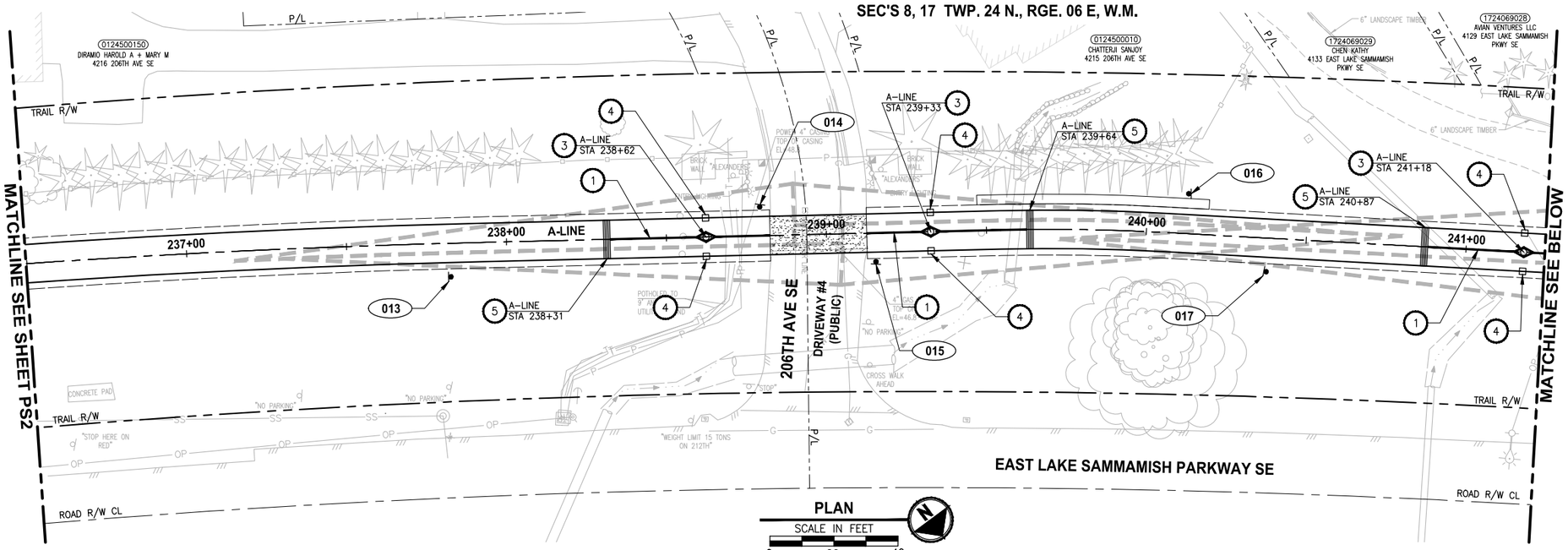
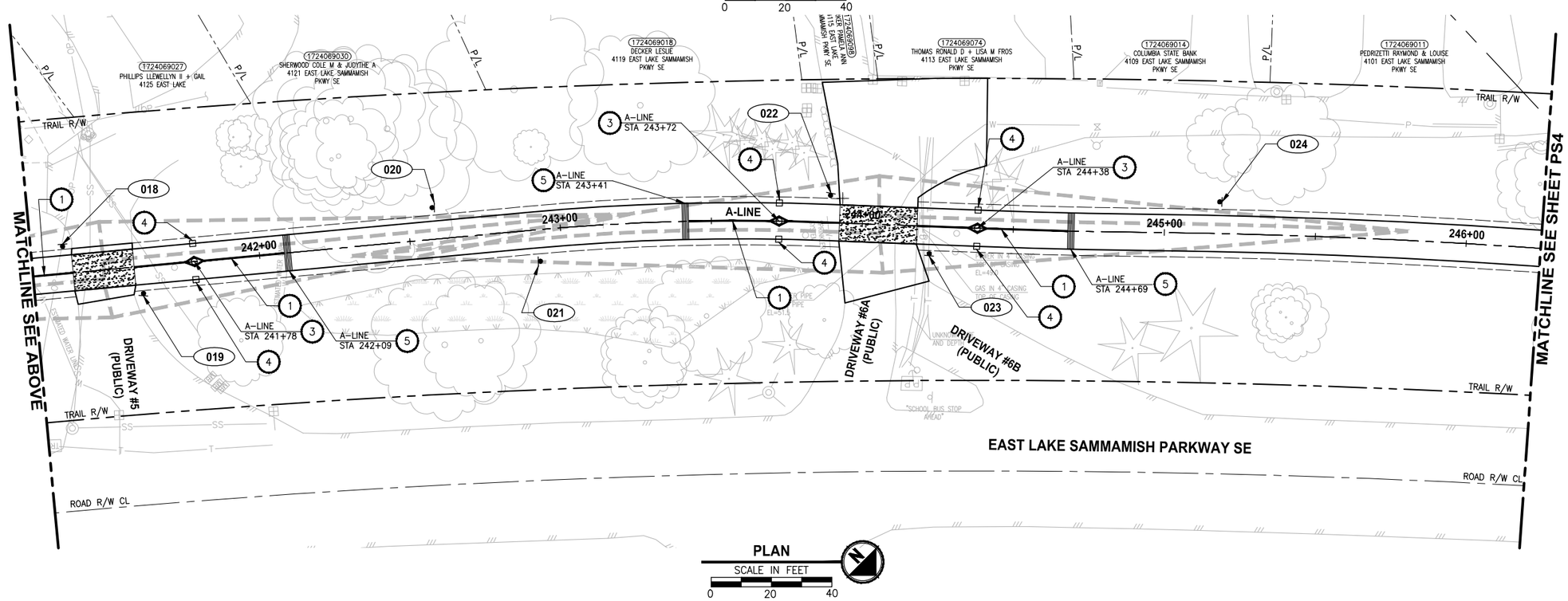
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

PAVEMENT MARKING AND SIGNING PLAN

SHEET NO.
55 OF 78
PS2

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\
PLOTTED BY: purgabut DATE: Tuesday, April 21, 2015 2:54:16 PM
LAYOUT: PS2





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CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

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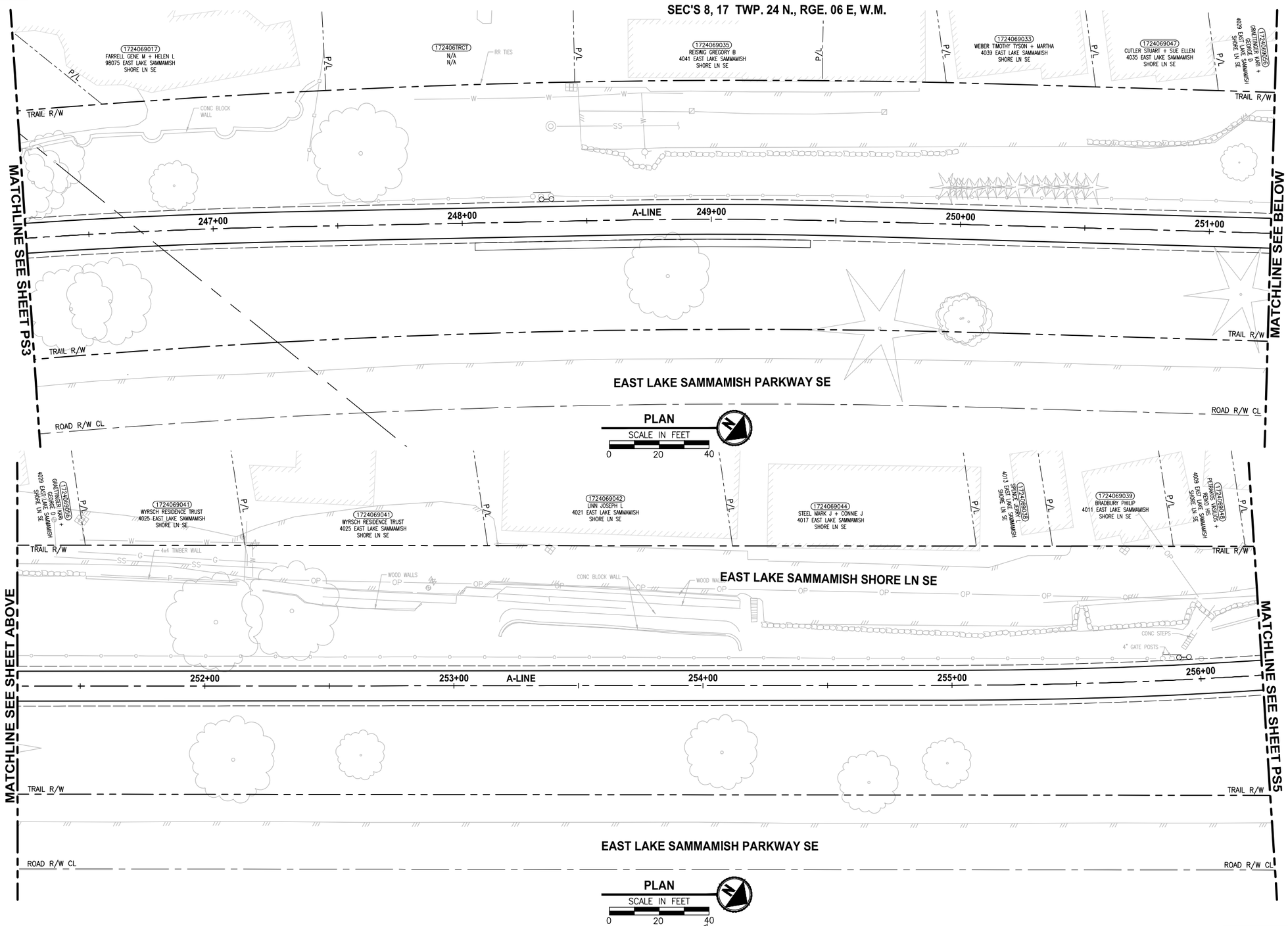
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

PAVEMENT MARKING AND SIGNING PLAN

SHEET NO.
56 OF 78
PS3

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Thursday, April 23, 2015 9:22:16 AM
LAYOUT: PS3



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PAVEMENT MARKING AND SIGNING PLAN

SHEET NO.
57 OF 78
PS4

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Tuesday, April 21, 2015 2:54:47 PM
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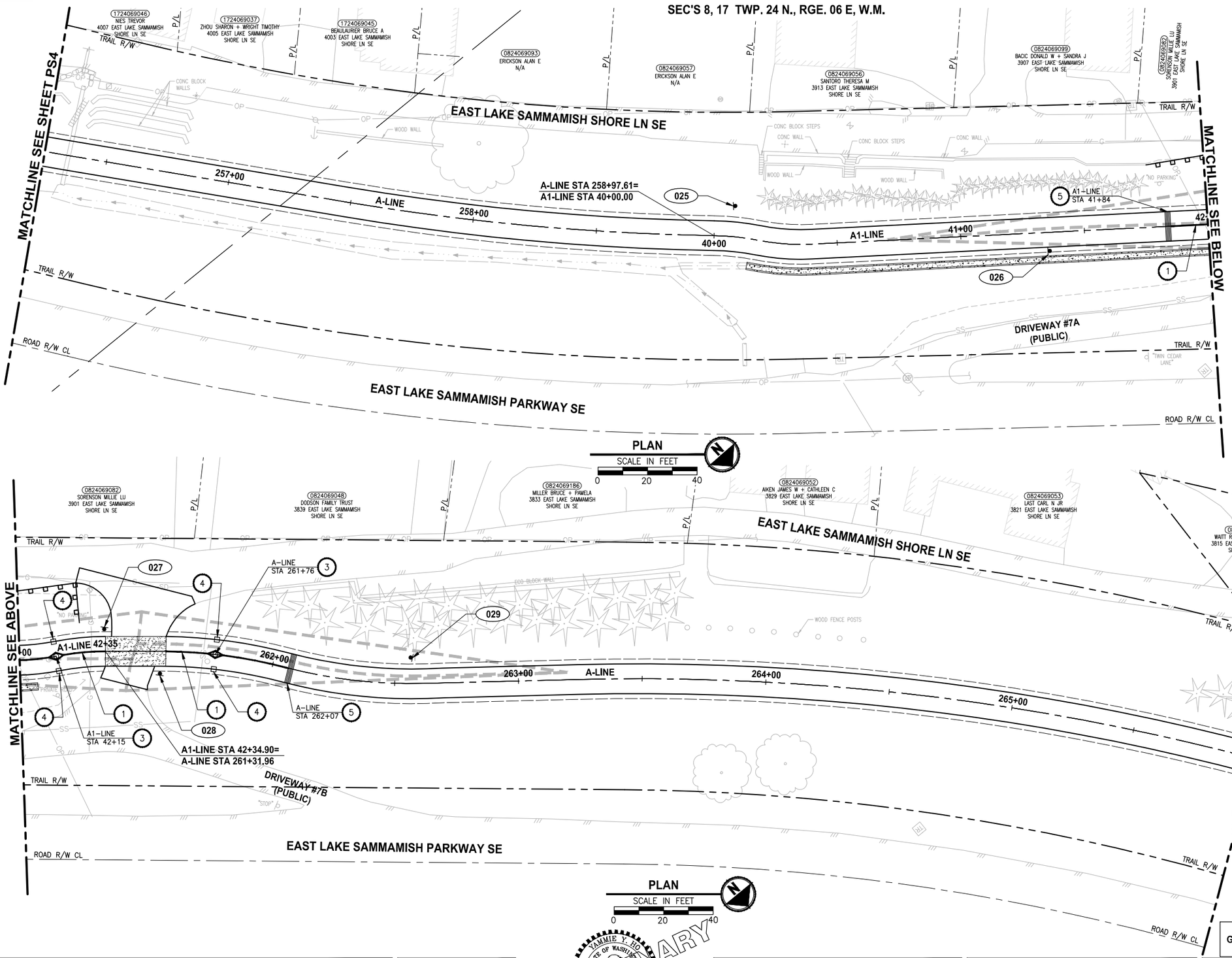

PAVEMENT MARKING AND SIGNING CONSTRUCTION NOTES:

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.

10' X 175' SIGHT DISTANCE TRIANGLE FOR STOP CONTROLLED INTERSECTION ON DRIVEWAYS.

GENERAL NOTE:

1. FOR SIGN REMOVALS, SEE SP SHEETS.
2. STATION CALLOUTS ARE MEASURED TO THE CENTER OF WARNING BAND AND BOLLARDS.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

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REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03PS-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

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YAMMIE Y. HO
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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.
58 OF 78
PS5

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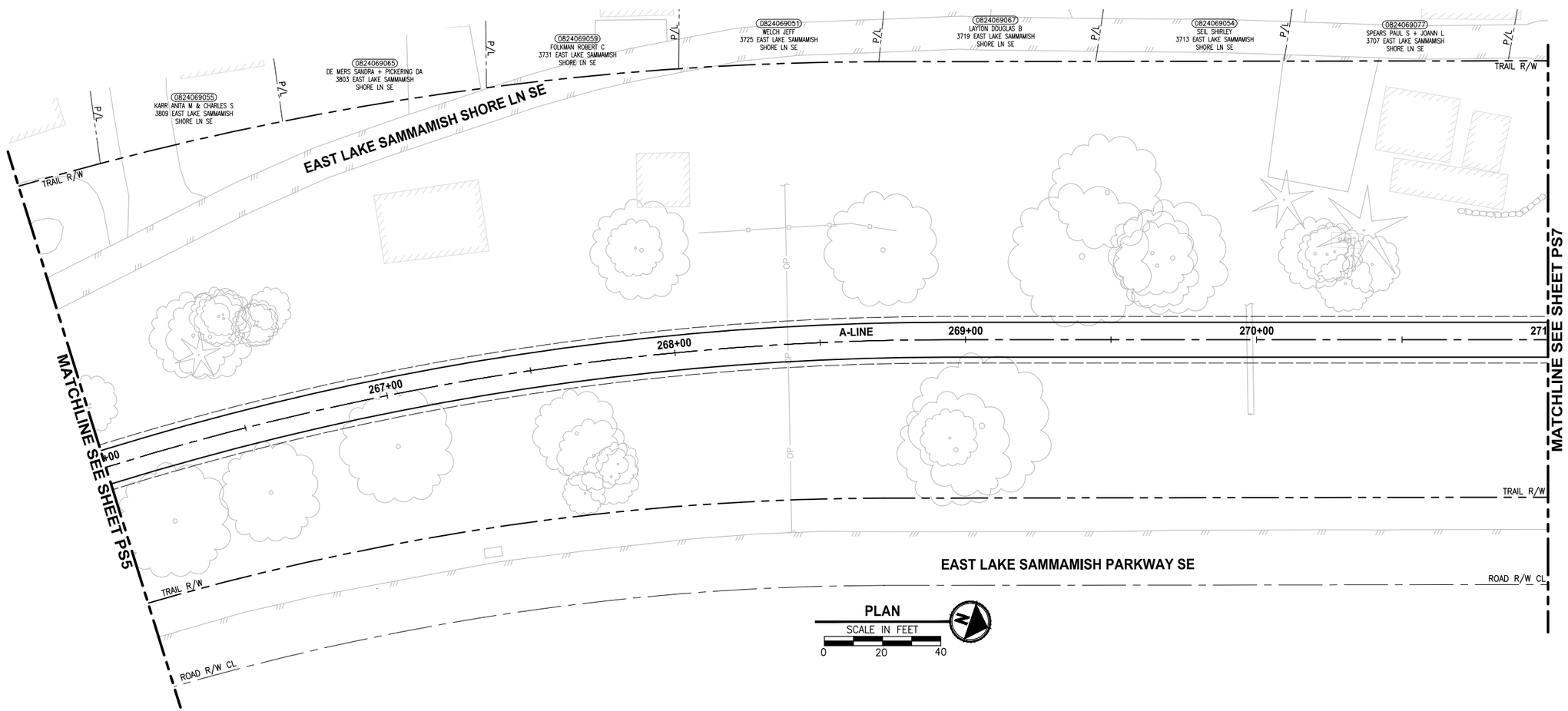

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PAVEMENT MARKING AND SIGNING PLAN

SHEET NO.
59 OF 78
PS6

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Tuesday, April 21, 2015 2:55:13 PM
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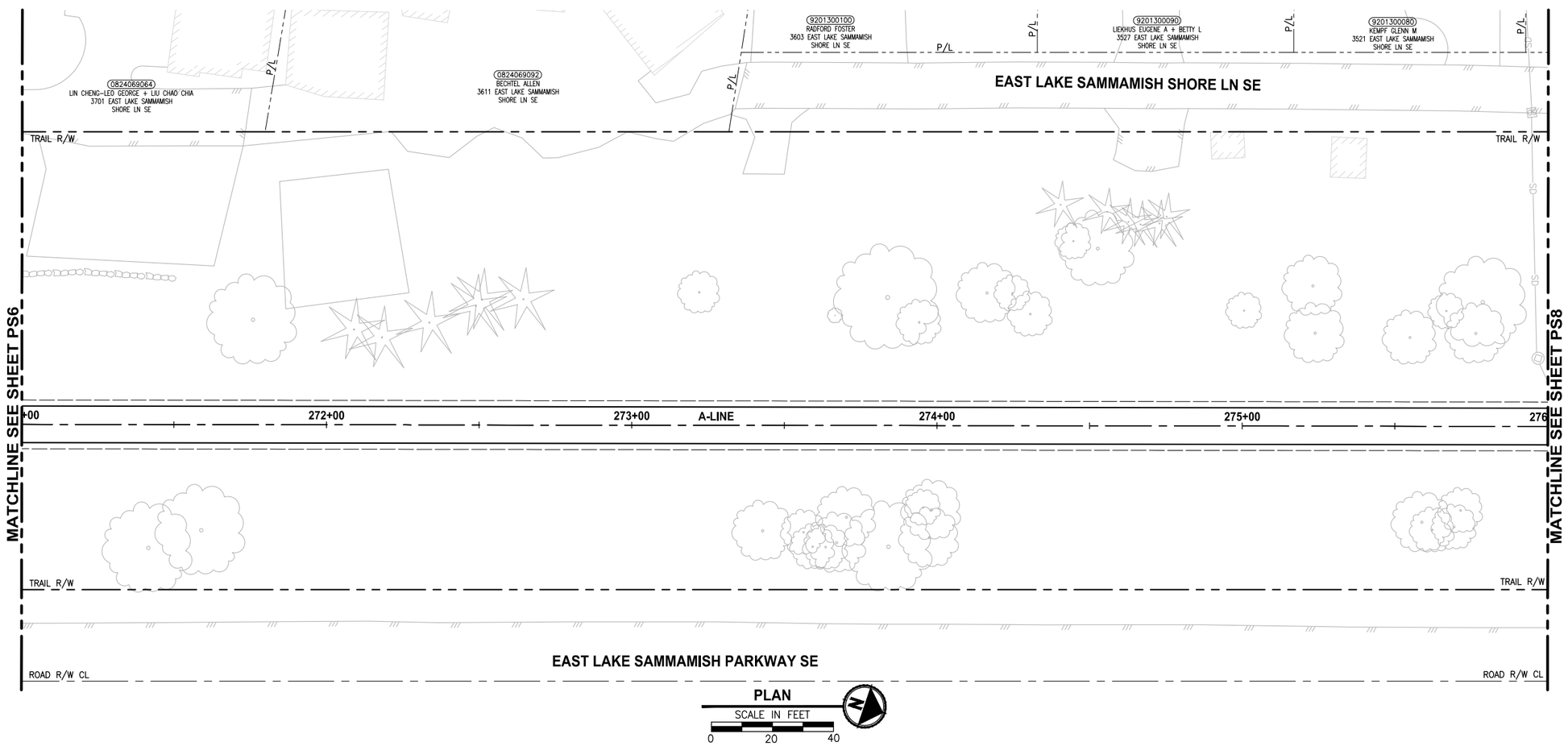

PLAN

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60 OF 78

PS7

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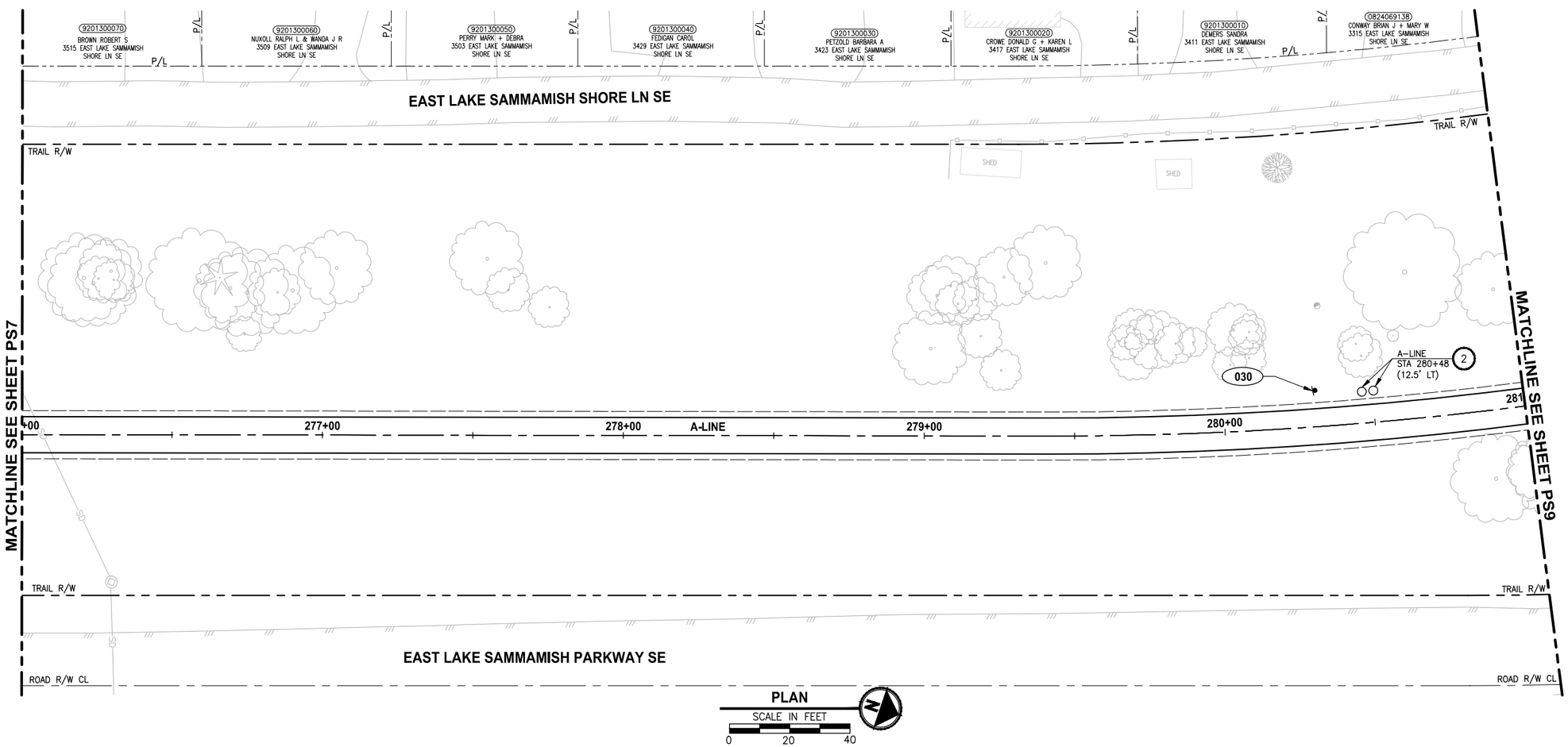

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PAVEMENT MARKING AND SIGNING PLAN

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61 OF 78

PS8

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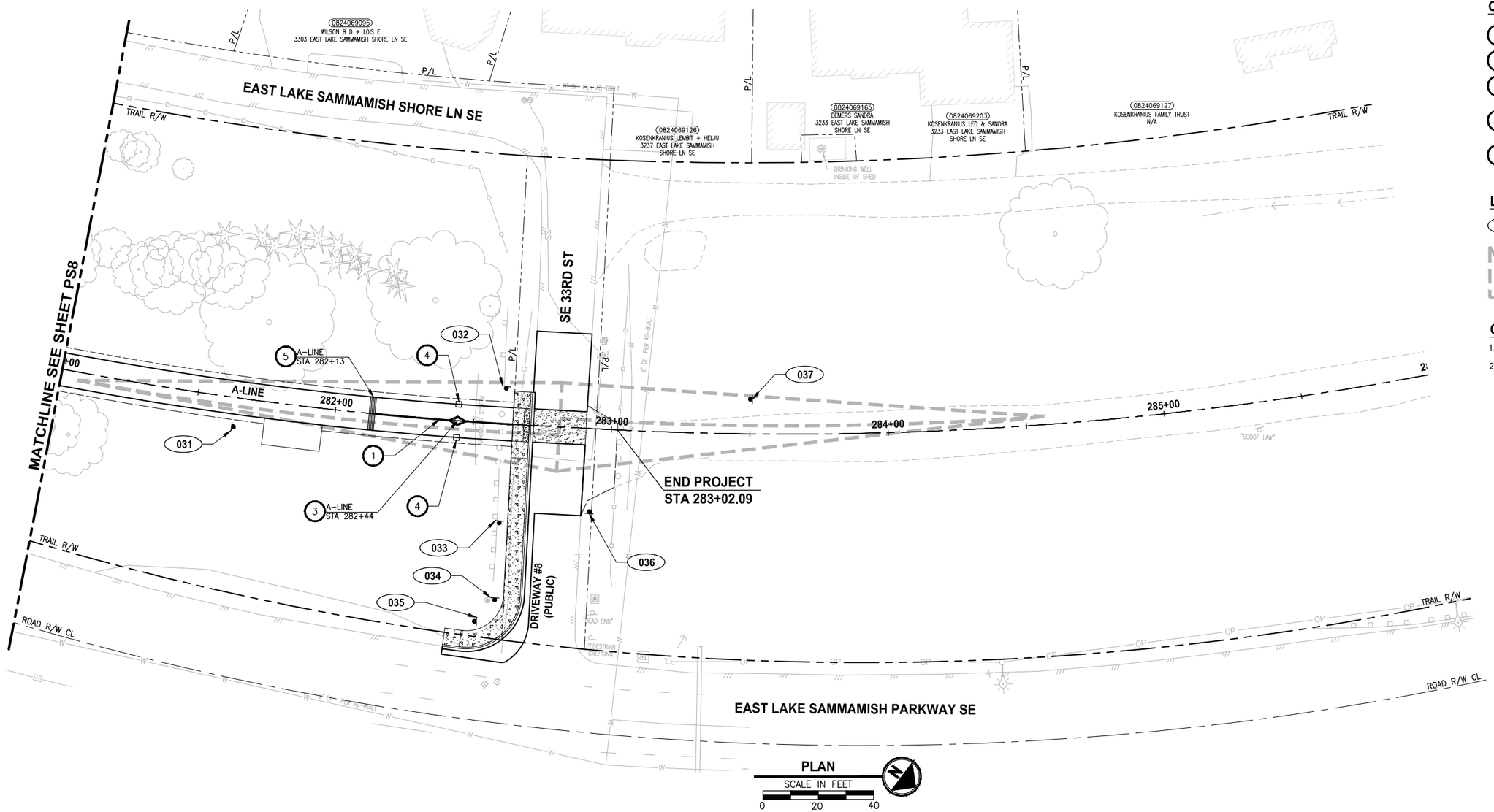

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PAVEMENT MARKING AND SIGNING PLAN

SHEET NO.
62 OF 78

PS9

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SIGN SCHEDULE

SIGN NUMBER	LOCATION		DESCRIPTION	MUTCD SIGN	SIGN SIZE	POST SIZE/TYPE	REMARK
	STATION	OFFSET					
001	216+80	10.5' RT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	NEW SIGN AND POST
002	217+75	10' LT	STOP	R1-1	30" X 30"	4"X 4", WOOD	NEW SIGN AND POST
003	218+02	10' RT	STOP	R1-1	30" X 30"	4"X 4", WOOD	NEW SIGN AND POST
004	218+96	10.5' LT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	NEW SIGN AND POST
005	219+62	10.5' RT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	NEW SIGN AND POST
006	220+58	10 LT	STOP	R1-1	30" X 30"	4"X 4", WOOD	NEW SIGN AND POST
007	220+88	10' RT	STOP	R1-1	30" X 30"	4"X 4", WOOD	NEW SIGN AND POST
008	221+82	10.5' LT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	NEW SIGN AND POST
009	233+25	10.5' RT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	NEW SIGN AND POST
010	234+11	10' LT	STOP	R1-1	30" X 30"	4"X 4", WOOD	NEW SIGN AND POST
011	234+69	10' RT	STOP	R1-1	30" X 30"	4"X 4", WOOD	NEW SIGN AND POST
012	235+54	10.5' LT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	NEW SIGN AND POST
013	237+82	10.5' RT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	NEW SIGN AND POST
014	238+76	10' LT	STOP	R1-1	30" X 30"	4"X 4", WOOD	NEW SIGN AND POST
015	239+18	10' RT	STOP	R1-1	30" X 30"	4"X 4", WOOD	NEW SIGN AND POST
016	240+13	10.5' LT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	NEW SIGN AND POST
017	240+38	10.5' RT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	NEW SIGN AND POST
018	241+33	10' LT	STOP	R1-1	30" X 30"	4"X 4", WOOD	NEW SIGN AND POST
019	241+63	10' RT	STOP	R1-1	30" X 30"	4"X 4", WOOD	NEW SIGN AND POST
020	242+58	10.5' LT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	NEW SIGN AND POST
021	242+92	10.5' RT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	NEW SIGN AND POST
022	243+86	10' LT	STOP	R1-1	30" X 30"	4"X 4", WOOD	NEW SIGN AND POST
023	244+25	10' RT	STOP	R1-1	30" X 30"	4"X 4", WOOD	NEW SIGN AND POST
024	245+18	10.5' LT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	NEW SIGN AND POST
025	040+07	12.4' LT	ELST TRAIL RULES	CUSTOM	N/A	4"X 4", WOOD	NEW SIGN AND POST. SIGN TO BE PROVIDED BY THE OWNER
026	041+36	7.5' RT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	NEW SIGN AND POST
027	042+34	9' LT	STOP	R1-1	30" X 30"	4"X 4", WOOD	NEW SIGN AND POST
028	261+56	10' RT	STOP	R1-1	30" X 30"	4"X 4", WOOD	NEW SIGN AND POST
029	262+56	10.5' LT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	NEW SIGN AND POST
030	280+30	10.5' LT	ELST TRAIL RULES	CUSTOM	N/A	4"X 4", WOOD	NEW SIGN AND POST. SIGN TO BE PROVIDED BY THE OWNER
031	281+64	10.5' RT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	NEW SIGN AND POST
032	282+62	12' RT	STOP	R1-1	30" X 30"	4"X 4", WOOD	NEW SIGN AND POST
033	282+63	36.5' RT	PUBLIC ACCESS NO PARKING	CUSTOM	N/A	4"X 4", WOOD	NEW POST. RELOCATE EXISTING SIGN TO NEW POST
034	282+62	64.5' RT	STOP & STREET SIGNS	R1-1	30" X 30"	4"X 4", WOOD	NEW STOP SIGN AND POST. RELOCATE EXISTING STREET NAME SIGNS TO NEW POST
035	282+54	73' RT	CENTER LANE TURN ONLY	R3-9B	24" X 36"	4"X 4", WOOD	NEW SIGN AND POST
036	282+97	29.35' RT	STOP	R1-1	30" X 30"	4"X 4", WOOD	NEW SIGN AND POST
037	283+51	11' LT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	4"X 4", WOOD	NEW SIGN AND POST

CITY OF SAMMAMISH APPROVAL	
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PROJECT NAME
EAST LAKE SAMMAMISH
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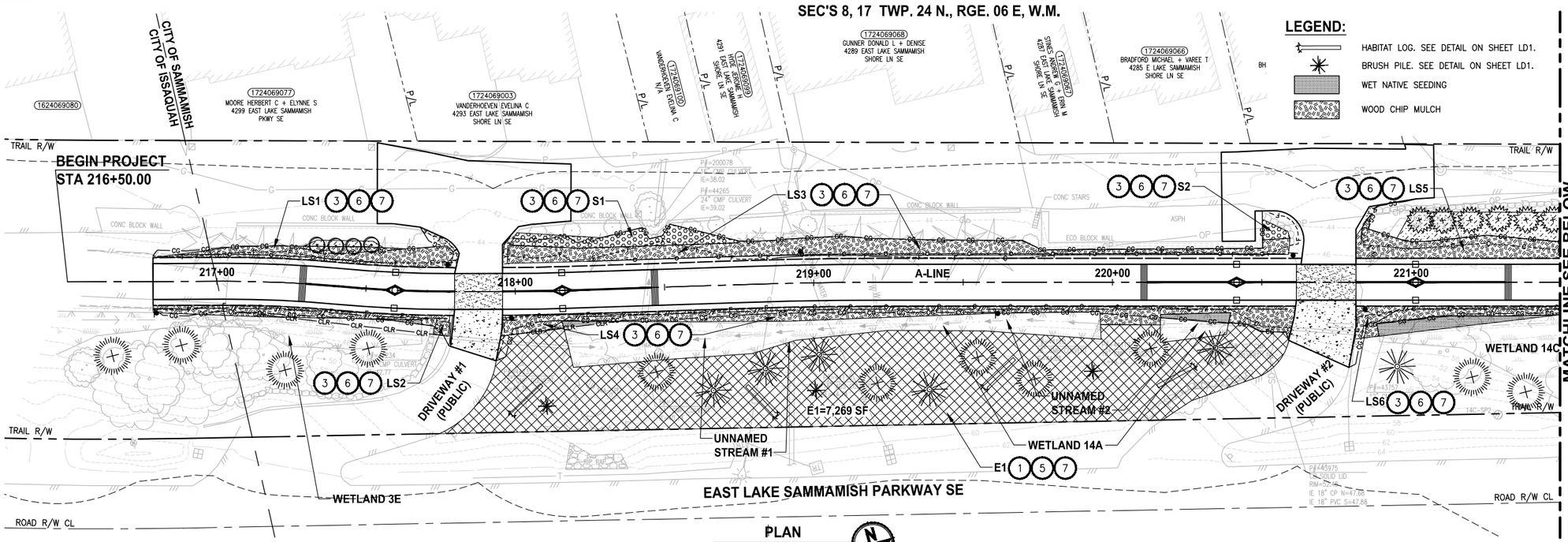
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

SIGN SCHEDULE

SHEET NO. 63 OF 78
PS10

LAYOUT: PS10 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995\vcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Wednesday, April 22, 2015 11:50:30 AM



LEGEND:

- HABITAT LOG. SEE DETAIL ON SHEET LD1.
- BRUSH PILE. SEE DETAIL ON SHEET LD1.
- WET NATIVE SEEDING
- WOOD CHIP MULCH

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. FINE COMPOST. PRIOR TO PLANTING AND PLACEMENT OF MULCH PLACE A 3" LAYER IF FINE COMPOST OVER THE ENTIRE SURFACE OF THIS PLANTING AREA.
6. TOPSOIL A. PLACE 12" LAYER TOPSOIL OVER THE ENTIRE SURFACE OF PLANTING AREA.
7. WOOD CHIP MULCH. PLACE 3" LAYER WOOD CHIP MULCH OVER THE ENTIRE SURFACE OF ALL PLANTING AREAS.
8. 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.
3. CONTRACTOR SHALL SETBACK PLANTINGS FROM OTHER OBJECTS AS PROVIDED IN THE PLANT MATERIAL SETBACK CHART ON SHEET LD1.
4. PLACE 4" TOPSOIL AND SEED ALL DISTURBED AREAS OUTSIDE OF WETLANDS WITH WILDFLOWER SEED MIX. TEMPORARY DISTURBANCE OF WETLAND AREAS SHALL BE RESTORED WITH WET NATIVE SEED OR AS DIRECTED BY OWNERS REPRESENTATIVE.

PLANTING QUANTITY TAB
- THIS SHEET ONLY -

SYMBOL	ITEM	QUANTITY BY AREA					
SIGHT DISTANCE PLANTING AREAS		LS1	LS2	LS3	LS4	LS5	LS6
	LOW SHRUBS 2' O.C.						
	SALAL	32	22	80	79	92	27
	CREEPING MAHONIA	24	17	60	59	69	20
	SWORD FERN	24	17	60	59	69	20

SHRUBS PLANTING AREAS	S1	S2	S3	S4
#2 CONTAINER SHRUBS 5' O.C.				
STRAWBERRY TREE	3	0	4	0
TALL OREGON GRAPE	0	0	0	0
MOCK ORANGE	3	0	0	35
FLOWERING CURRANT	3	0	4	35
DAVIDS VIBURNUM	4	3	0	0
CRANBERRY BUSH	0	0	0	0

WETLAND BUFFER ENHANCEMENT AREA	E1
#1 CONTAINER SHRUBS 4' O.C.	
WESTERN HAZEL	79
PACIFIC NINEBARK	79
INDIAN PLUM	79
RED FLOWERING CURRANT	79
NOOTKA ROSE	105
SNOWBERRY	105
TREES 8' O.C.	
BIG LEAF MAPLE	13
WESTERN SERVICEBERRY	26
PACIFIC DOGWOOD	33
BITTER CHERRY	33
DOUGLAS FIR	7
WESTERN RED CEDAR	7

TREES AND SHRUBS	
WAX MYRTLE	18
DOUGLAS FIR	16
WESTERN RED CEDAR	18
'EXCELSA' RED CEDAR	6

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SAMMAMISH, WA

LANDSCAPE PLAN

SHEET NO. 64 OF 78
LA1

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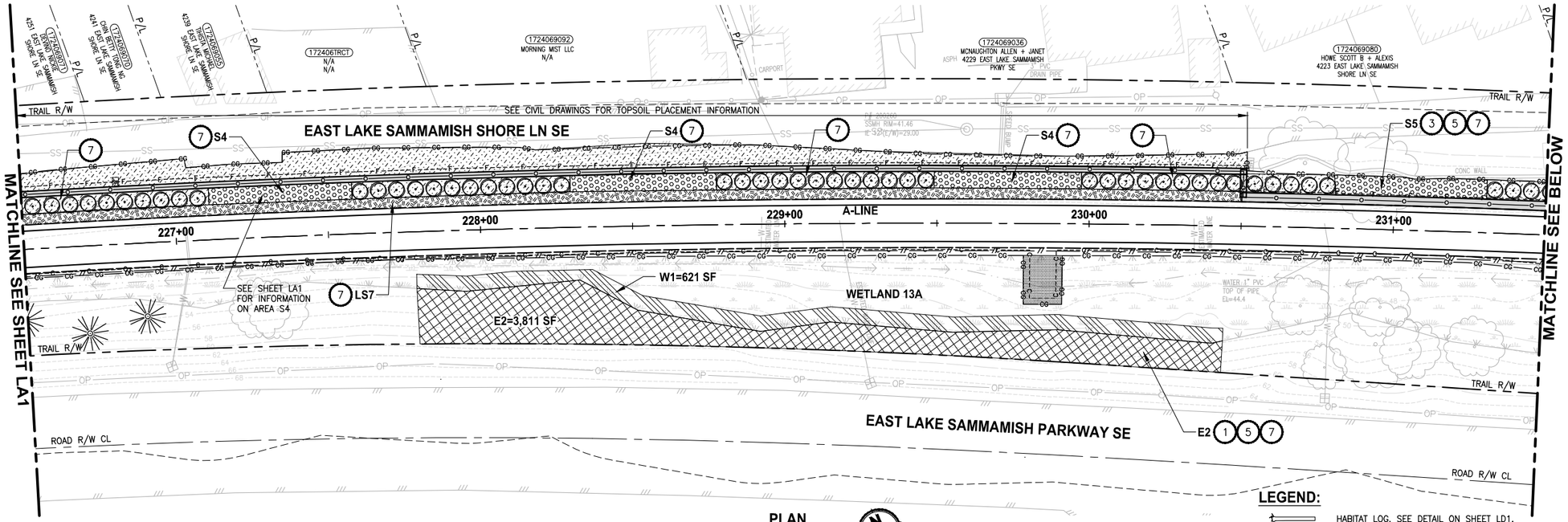

PLAN

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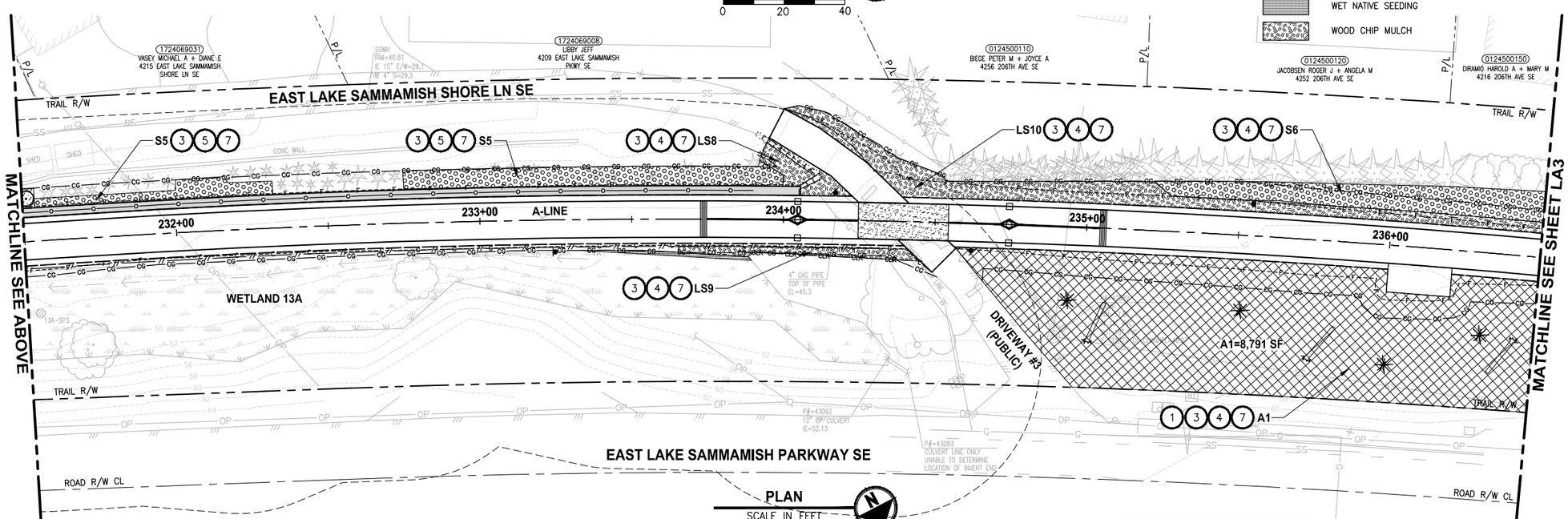

PLAN

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.
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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.
- WET NATIVE SEEDING
- WOOD CHIP MULCH

PLANTING QUANTITY TAB - THIS SHEET ONLY -

SYMBOL	ITEM	QUANTITY BY AREA			
	SIGHT DISTANCE PLANTING AREAS	LS7	LS8	LS9	LS10
	LOW SHRUBS 2' O.C.				
	SALAL	160	8	16	100
	CREEPING MAHONIA	120	6	12	75
	SWORD FERN	120	6	12	75

	SHRUBS PLANTING AREAS	S5	S6
	#2 CONTAINER SHRUBS 5' O.C.		
	STRAWBERRY TREE	0	31
	TALL OREGON GRAPE	0	0
	MOCK ORANGE	35	32
	FLOWERING CURRANT	35	0
	DAVIDS VIBURNUM	0	0
	CRANBERRY BUSH	0	12

	WETLAND BUFFER ADDITION AND WETLAND ENHANCEMENT AREAS	A1	E2
	LOW SHRUBS 2.5' O.C.		
	SALAL	114	0
	CREEPING MAHONIA	81	0
	SWORD FERN	81	0
	#1 CONTAINER SHRUBS 4' O.C.		
	WESTERN HAZEL	32	33
	MOCK ORANGE	95	0
	PACIFIC NINEBARK	95	33
	INDIAN PLUM	64	33
	RED FLOWERING CURRANT	64	33
	NOOTKA ROSE	127	43
	SNOWBERRY	127	43
	TREES 8' O.C.		
	VINE MAPLE	16	0
	BIG LEAF MAPLE	16	0
	WESTERN SERVICEBERRY	16	11
	PACIFIC DOGWOOD	16	11
	BITTER CHERRY	16	11
	DOUGLAS FIR	24	11
	WESTERN RED CEDAR	24	11
	WESTERN HEMLOCK	24	0

	WETLAND ENHANCEMENT AREA	W1
	LIVESTAKE CUTTINGS 4' O.C.	
	PACIFIC WILLOW	47
	SITKA WILLOW	47

TREES AND SHRUBS	
WAX MYRTLE	52
DOUGLAS FIR	2

CITY OF SAMMAMISH APPROVAL

City Engineer — Date

Community Development — Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME BL15210 75P20T03LA-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

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

LANDSCAPE PLAN

SHEET NO. 65 OF 78

LA2

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Tuesday, April 21, 2015 2:57:20 PM LAYOUT: LA2

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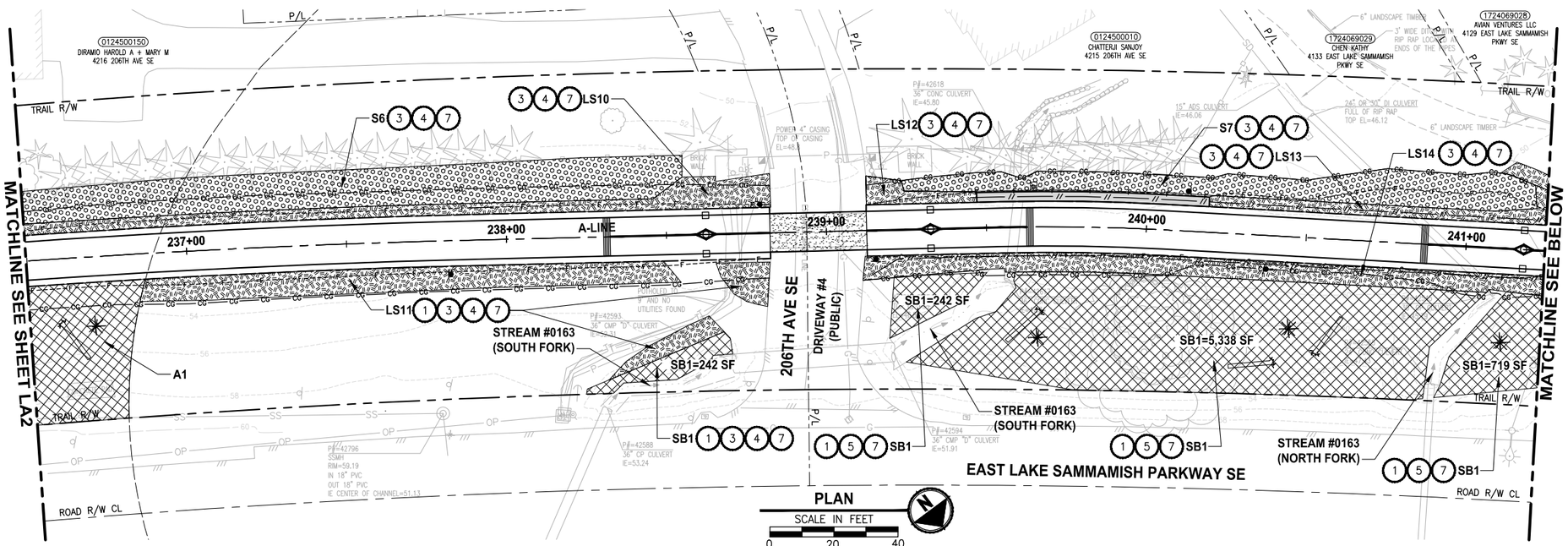

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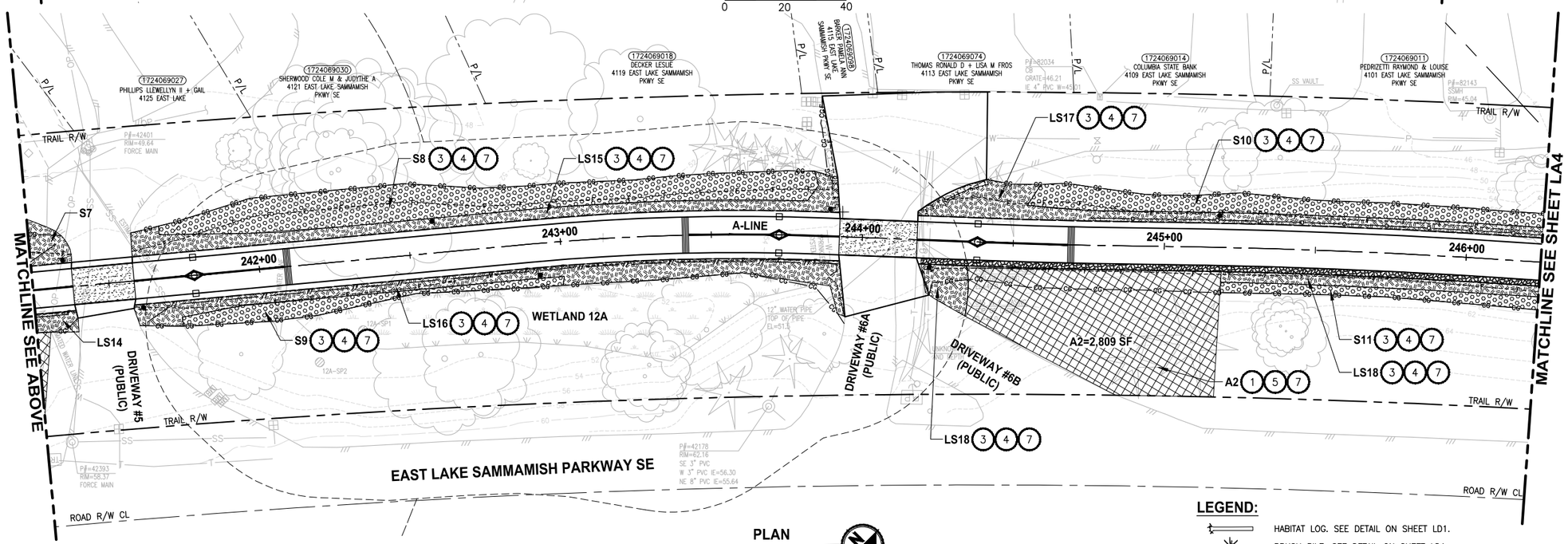

PLAN
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LANDSCAPE CONSTRUCTION NOTES:

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PLANTING QUANTITY TAB
- THIS SHEET ONLY -

SYMBOL	ITEM	QUANTITY BY AREA					
SIGHT DISTANCE PLANTING AREAS		LS11	LS12	LS13	LS14	LS15	LS16
	LOW SHRUBS 2.5' O.C.						
	SALAL	118	14	46	106	73	89
	CREEPING MAHONIA	88	11	35	79	55	67
	SWORD FERN	88	11	35	79	55	67

SHRUBS PLANTING AREAS	S7	S8	S9	S10	S11
#1 CONTAINER SHRUBS 5' O.C.					
MOCK ORANGE	7	9	2	0	0
PACIFIC NINEBARK	14	19	4	0	0
INDIAN PLUM	7	9	2	0	0
RED FLOWERING CURRANT	14	19	4	15	179
NOOTKA ROSE	14	19	4	16	184
SNOWBERRY	14	19	4	15	179

WETLAND BUFFER ADDITION AND WETLAND ENHANCEMENT AREAS	SB1	A2
LOW SHRUBS 2.5' O.C.		
SALAL	0	54
CREEPING MAHONIA	0	34
SWORD FERN	0	34
#1 CONTAINER SHRUBS 4' O.C.		
WESTERN HAZEL	32	33
MOCK ORANGE	95	0
PACIFIC NINEBARK	95	33
INDIAN PLUM	64	33
RED FLOWERING CURRANT	64	33
NOOTKA ROSE	127	43
SNOWBERRY	127	43
TREES 8' O.C.		
VINE MAPLE	16	12
BIG LEAF MAPLE	16	12
WESTERN SERVICEBERRY	16	12
PACIFIC DOGWOOD	16	12
BITTER CHERRY	16	12
DOUGLAS FIR	24	24
SALIX SCOULERIANA	0	12
WESTERN RED CEDAR	24	12
WESTERN HEMLOCK	24	0

LEGEND:

- HABITAT LOG. SEE DETAIL ON SHEET LD1.
- BRUSH PILE. SEE DETAIL ON SHEET LD1.
- WET NATIVE SEEDING
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CITY OF SAMMAMISH APPROVAL

City Engineer	Date
Community Development	Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

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

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

LANDSCAPE PLAN

SHEET NO.
66 OF 78
LA3

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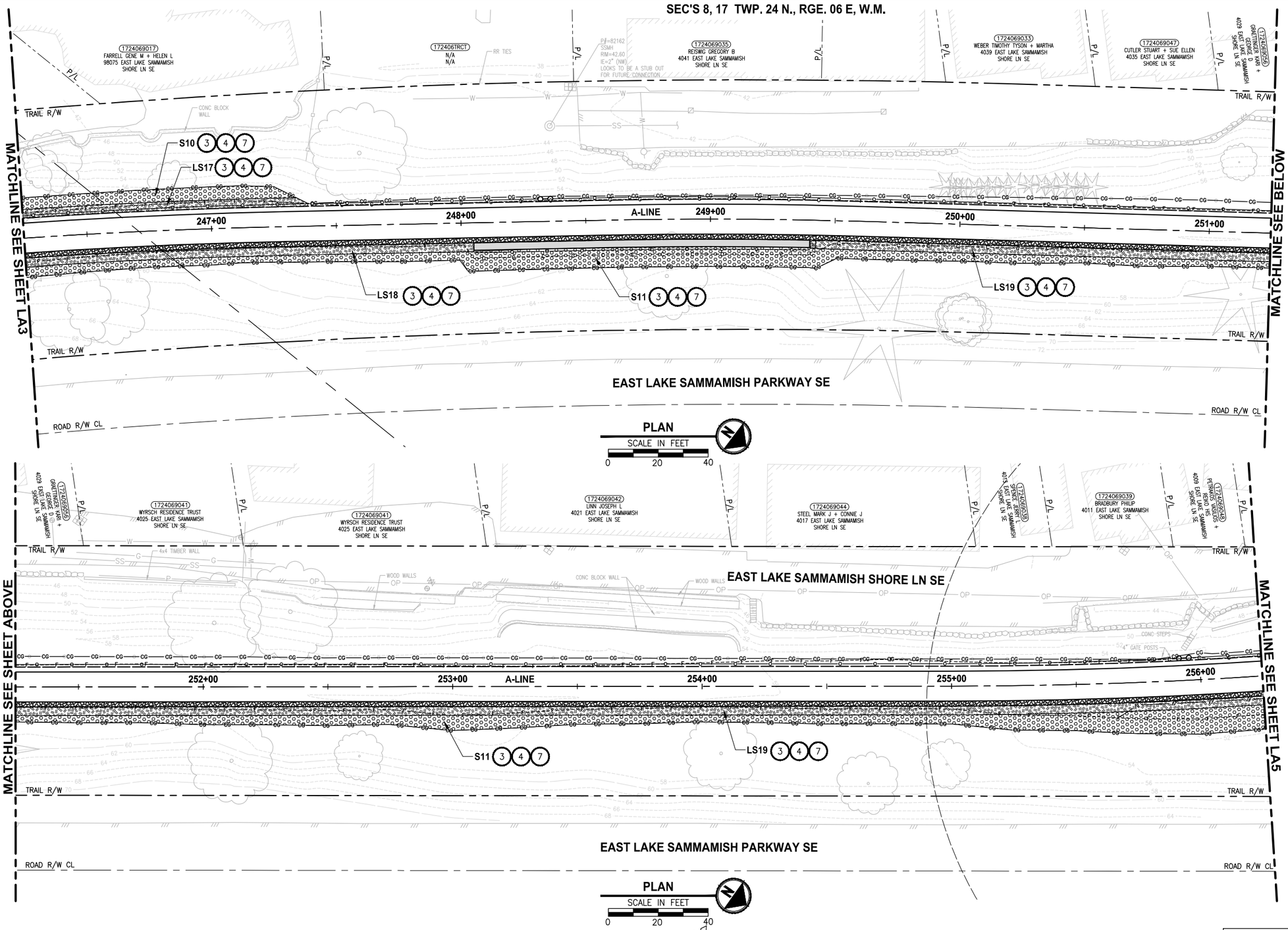

LANDSCAPE CONSTRUCTION NOTES:

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GENERAL NOTES:

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PLANTING QUANTITY TAB - THIS SHEET ONLY -

SYMBOL	ITEM	QUANTITY BY AREA		
SIGHT DISTANCE PLANTING AREAS		LS17	LS18	LS19
	LOW SHRUBS 2' O.C.			
	SALAL	70	88	267
	CREEPING MAHONIA	52	66	200
	SWORD FERN	52	66	200

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

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YAMMIE Y. HO
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REGISTERED PROFESSIONAL ENGINEER

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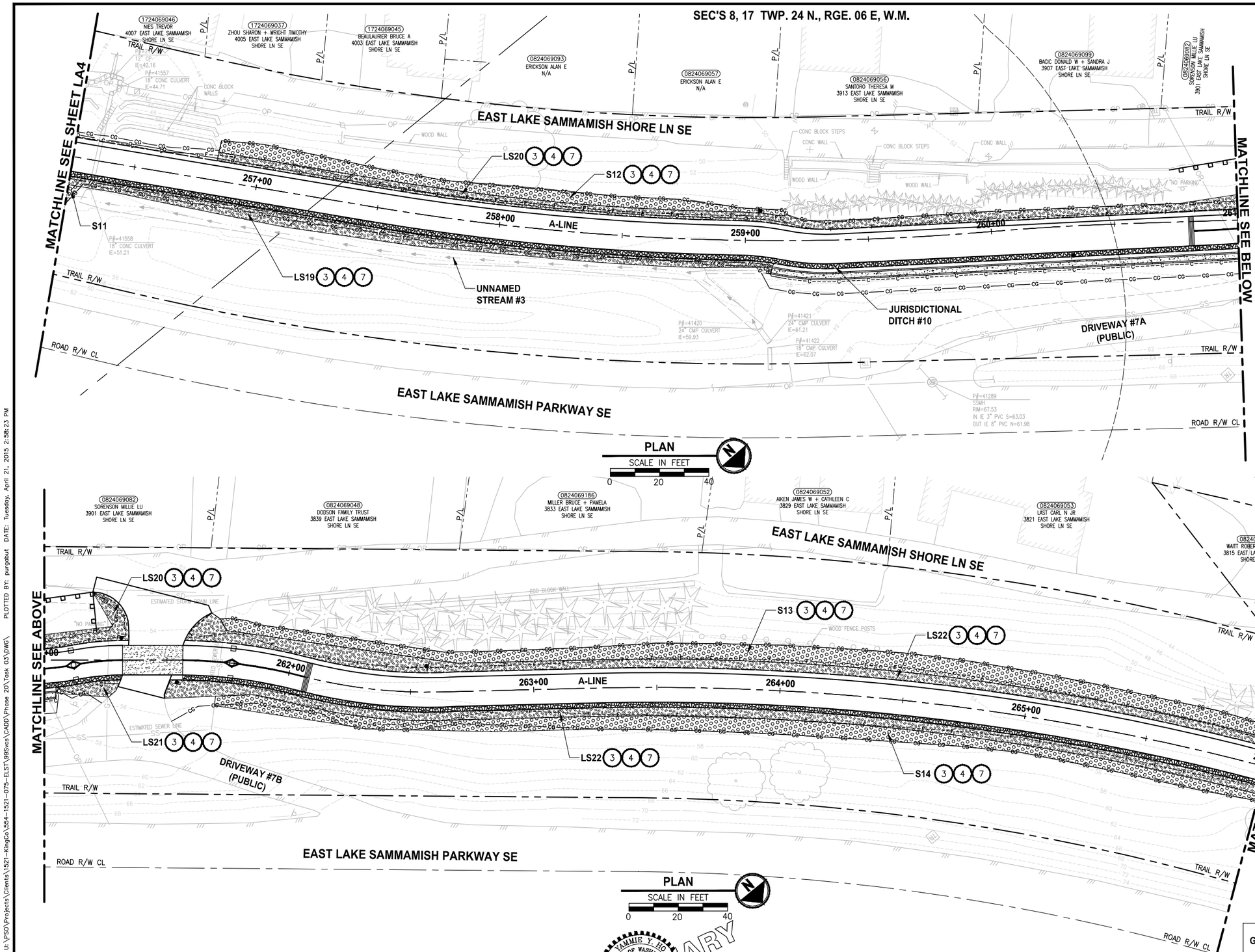
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

LANDSCAPE PLAN

SHEET NO.
67 OF 78
LA4

LAYOUT: LA4 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995vca\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Tuesday, April 21, 2015 2:58:01 PM



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PLANTING QUANTITY TAB
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SYMBOL	ITEM	QUANTITY BY AREA	
	SIGHT DISTANCE PLANTING AREAS	LS20	LS21
	LOW SHRUBS 2.5' O.C.		
	SALAL	134	9
	CREEPING MAHONIA	101	7
	SWORD FERN	101	7
	SHRUBS PLANTING AREAS	S12	
	#1 CONTAINER SHRUBS 5' O.C.		
	MOCK ORANGE	7	
	PACIFIC NINEBARK	14	
	INDIAN PLUM	7	
	RED FLOWERING CURRANT	14	
	NOOTKA ROSE	14	
	SNOWBERRY	14	

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
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PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

LANDSCAPE PLAN

SHEET NO.
68 OF 78
LA5

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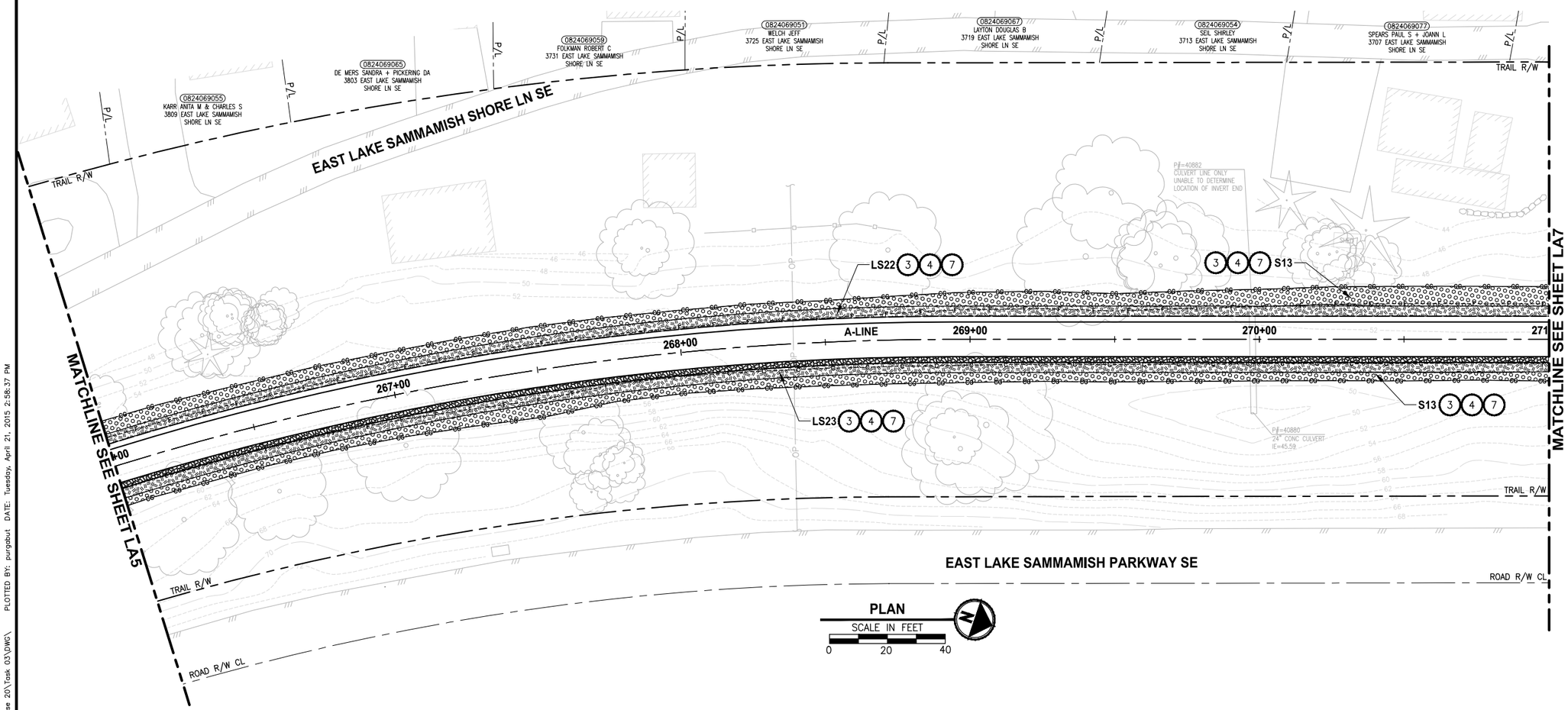

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PLANTING QUANTITY TAB - THIS SHEET ONLY -

SYMBOL	ITEM	QUANTITY BY AREA	
	SIGHT DISTANCE PLANTING AREAS	LS22	LS23
	LOW SHRUBS 2.5" O.C.		
	SALAL	606	531
	CREEPING MAHONIA	454	398
	SWORD FERN	454	398
	SHRUBS PLANTING AREAS	S13	S14
	#1 CONTAINER SHRUBS 5" O.C.		
	RED FLOWERING CURRANT	179	116
	NOOTKA ROSE	184	120
	SNOWBERRY	179	116

CITY OF SAMMAMISH APPROVAL	
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Community Development	Date

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

LANDSCAPE PLAN

SHEET NO.
69 OF 78
LA6

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Tuesday, April 21, 2015 2:58:37 PM
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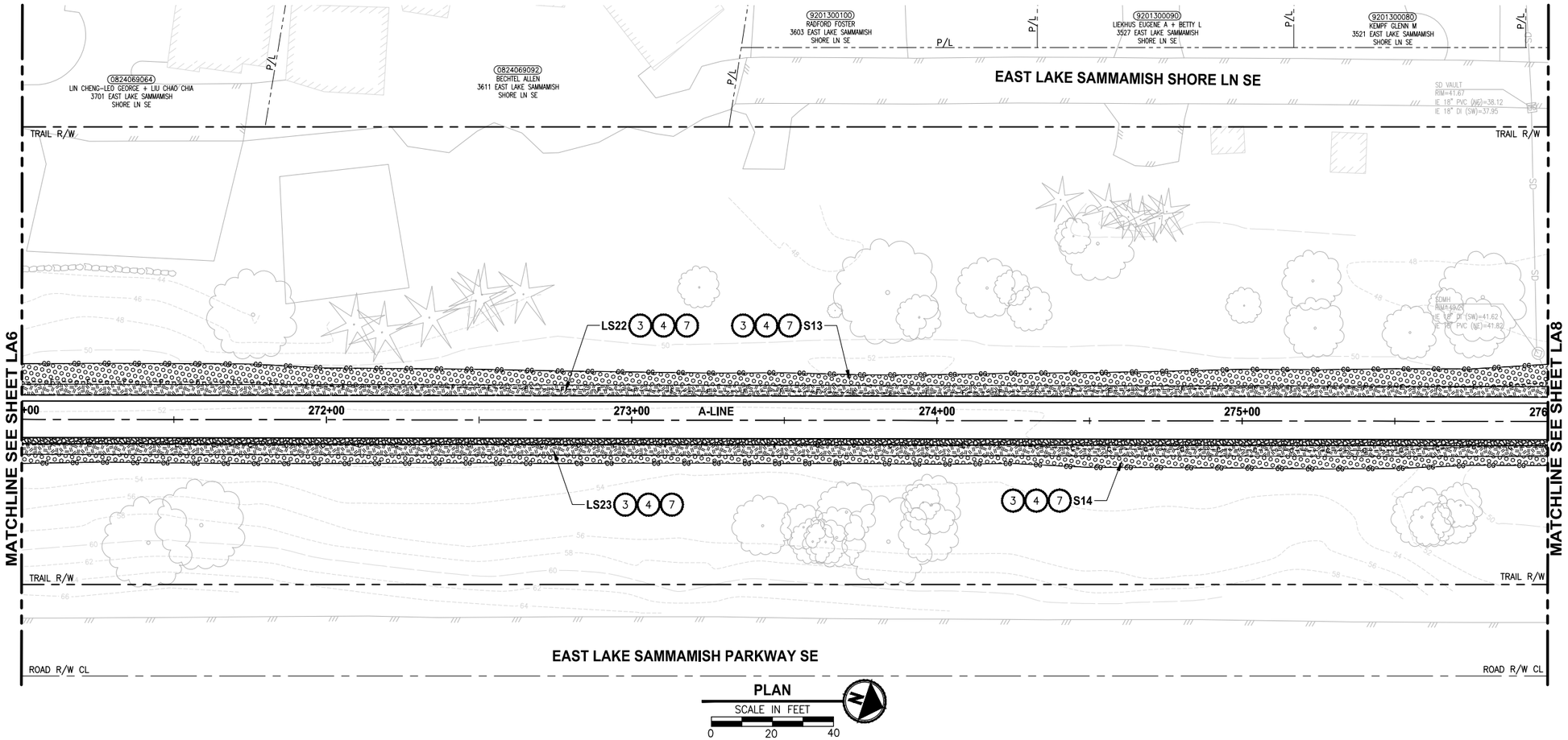

PLAN

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.
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8. 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.
3. CONTRACTOR SHALL SETBACK PLANTINGS FROM OTHER OBJECTS AS PROVIDED IN THE PLANT MATERIAL SETBACK CHART ON SHEET LD1.
4. PLACE 4" TOPSOIL AND SEED ALL DISTURBED AREAS OUTSIDE OF WETLANDS WITH WILDFLOWER SEED MIX. TEMPORARY DISTURBANCE OF WETLAND AREAS SHALL BE RESTORED WITH WET NATIVE SEED OR AS DIRECTED BY OWNERS REPRESENTATIVE.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME BL1521075P20T03LA-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

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

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

LANDSCAPE PLAN

SHEET NO.
70 OF 78

LA7

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\
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LAYOUT: LA7

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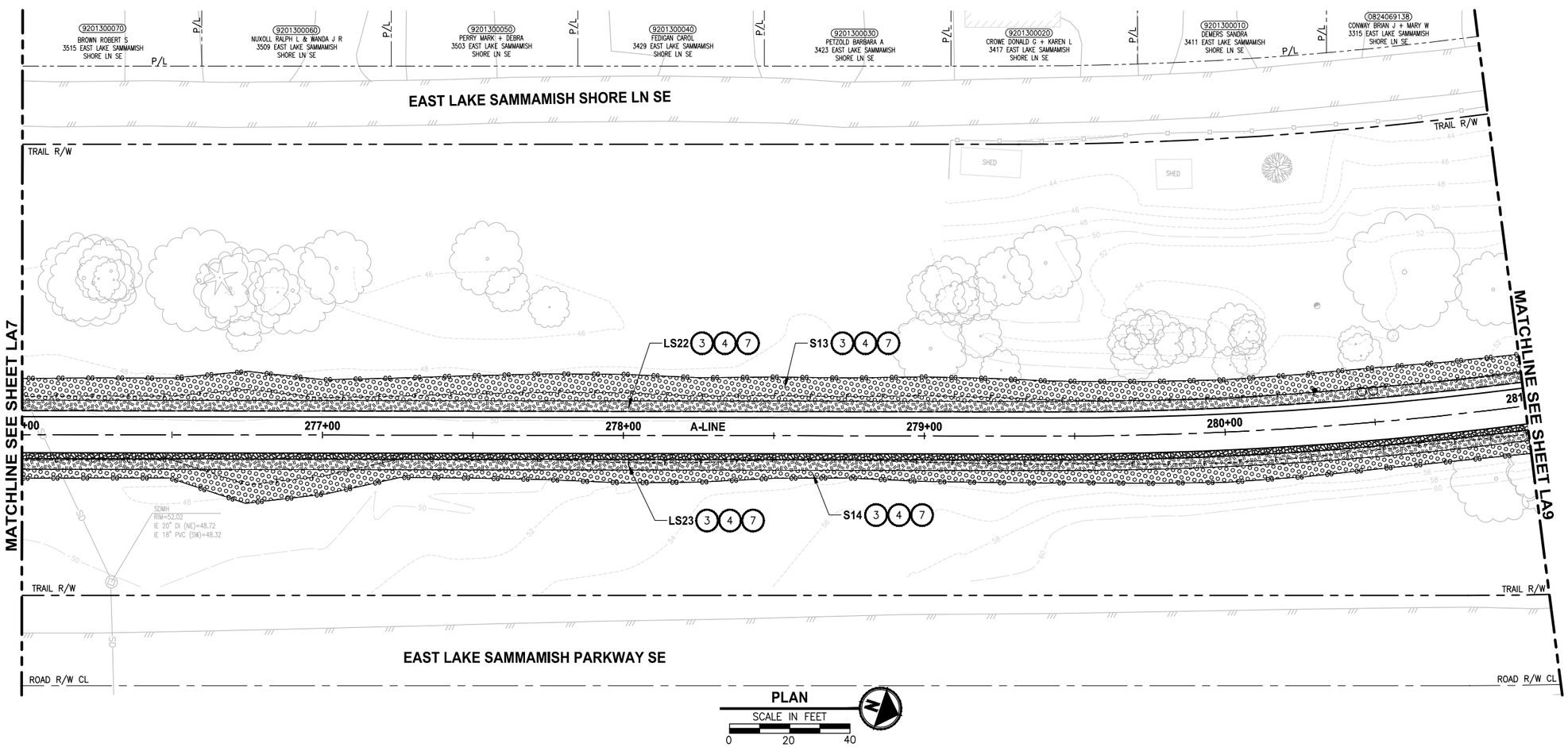

PLAN

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LANDSCAPE PLAN

SHEET NO. 71 OF 78

LA8

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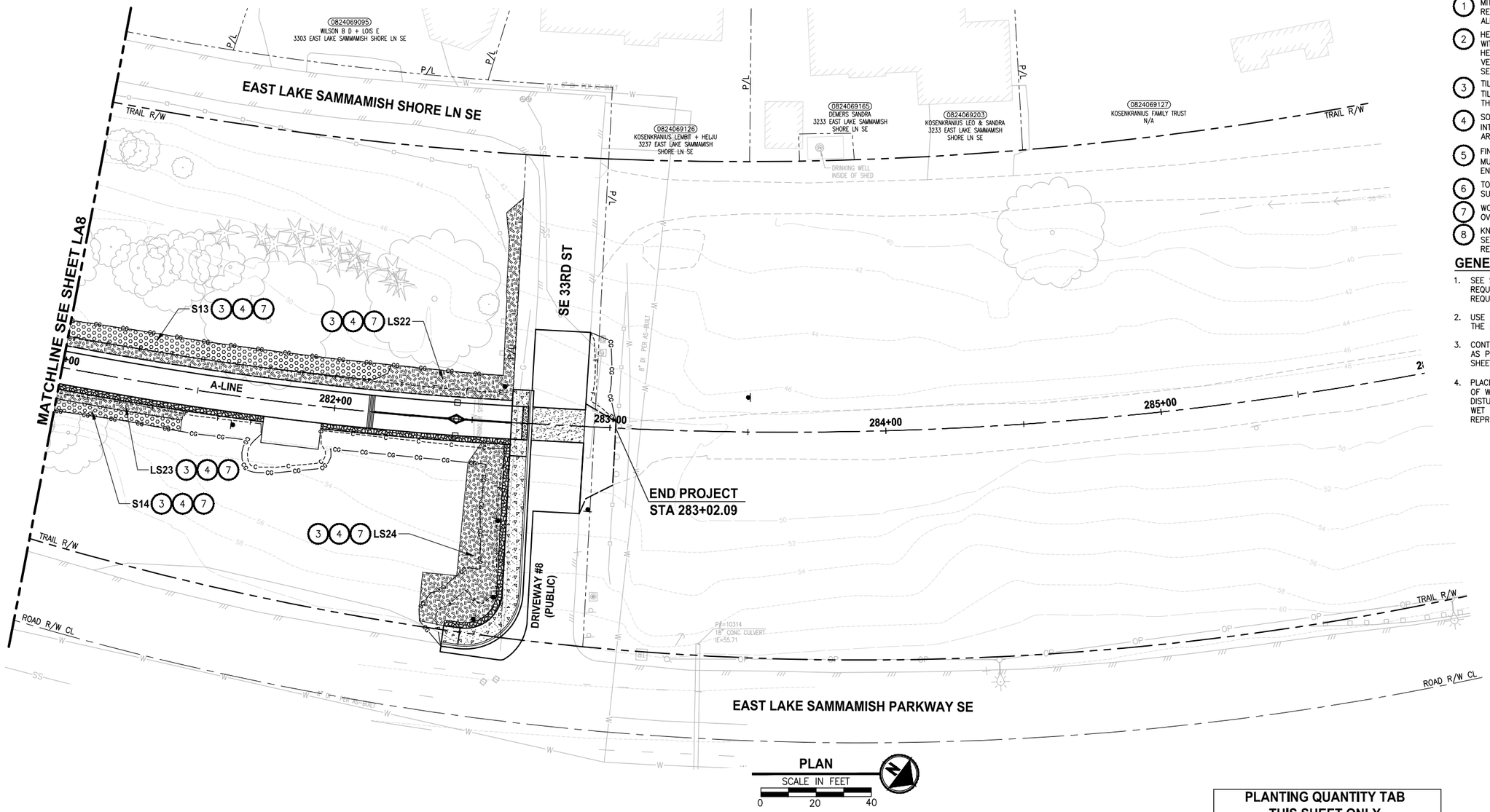

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PLANTING QUANTITY TAB
- THIS SHEET ONLY -

SYMBOL	ITEM	QUANTITY BY AREA
	SIGHT DISTANCE PLANTING AREAS	LS24
	LOW SHRUBS 2.5' O.C.	
	SALAL	81
	CREEPING MAHONIA	61
	SWORD FERN	61

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SHEET NO. 72 OF 78

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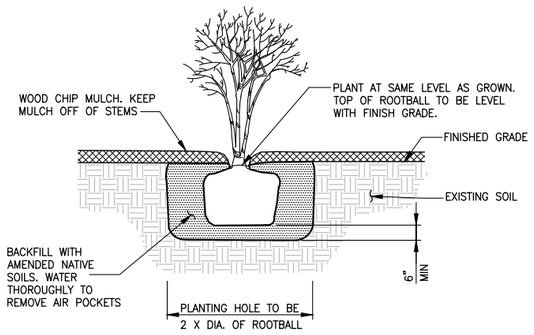

SHRUB AND SMALL TREE PLANTING DETAIL 1
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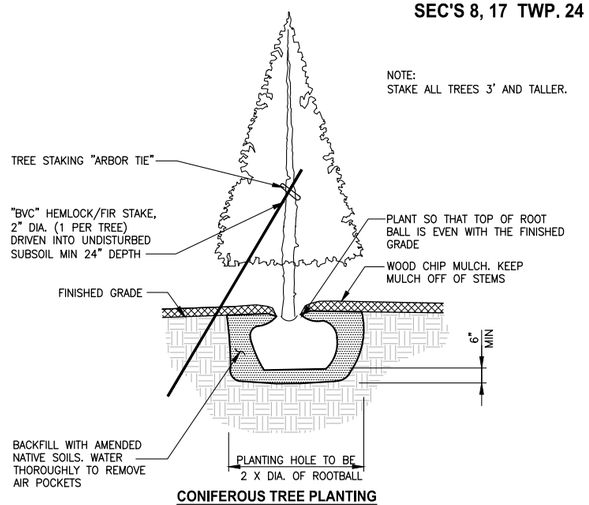

CONIFEROUS TREE PLANTING DETAIL 2
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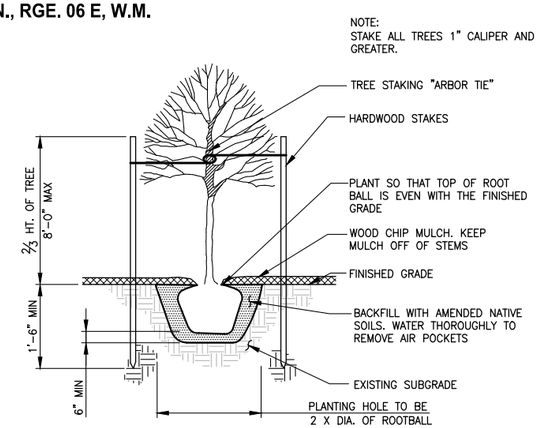


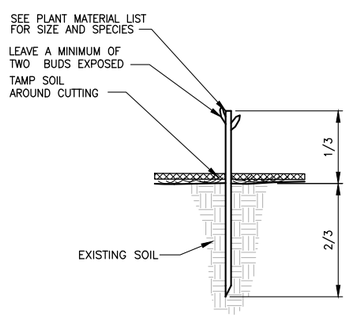
DECIDUOUS TREE PLANTING DETAIL 3
NO SCALE

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.

MIITIGATION AREA PLANT MATERIAL LIST

QUANTITY	BOTANICAL NAME	COMMON NAME	MIN SIZE/CONDITION	NOTES/SPACING
	TREES			
38	ACER CIRCINATUM	VINE MAPLE	1" CALIPER	SPACE 8' O.C.
51	ACER MACROPHYLUM	BIG LEAF MAPLE	1" CALIPER	
75	AMELANCHIER ALNIFOLIA	WESTERN SERVICEBERRY	1" CALIPER	
72	CORNUS NUTTALLII	PACIFIC DOGWOOD	1" CALIPER	
72	PRUNUS EMARGINATA	BITTER CHERRY	1" CALIPER	
66	PSEUDOTSUGA MENZIESII	DOUGLAS FIR	3' HT	
12	SALIX SCOULERIANA	SCOULERS WILLOW	1" CALIPER	
59	THUJA PLICATA	WESTERN RED CEDAR	3' HT	
24	TSUGA HETEROPHYLLA	WESTERN HEMLOCK	3' HT	
	SHRUBS			
215	CORYLUS CORNUTA	WESTERN HAZEL	12" HT/ #1 CONT	SPACE 4' O.C.
113	PHILADELPHUS LEWISII	MOCK ORANGE	12" HT/ #1 CONT	
358	PHYSOCARPUS CAPITATUS	PACIFIC NINEBARK	12" HT/ #1 CONT	
284	OEMLERIA CERASIFORMIS	INDIAN PLUM	12" HT/ #1 CONT	
681	RIBES SANGUINEUM	FLOWERING RED CURRANT	12" HT/ #1 CONT	
821	ROSA NUTKANA	NOOTKA ROSE	12" HT/ #1 CONT	
828	SYMPHORICARPOS ALBUS	SNOWBERRY	12" HT/ #1 CONT	
	LIVE STAKE CUTTINGS			
47	SALIX LUCIDA	PACIFIC WILLOW	1/2"x 3' LIVE STAKE	SPACE 4' O.C.
47	SALIX SITCHENSIS	SITKA WILLOW	1/2"x 3' LIVE STAKE	



LIVE STAKE INSTALLATION DETAIL 4
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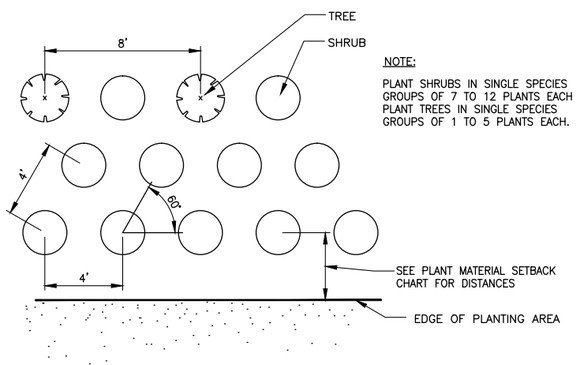
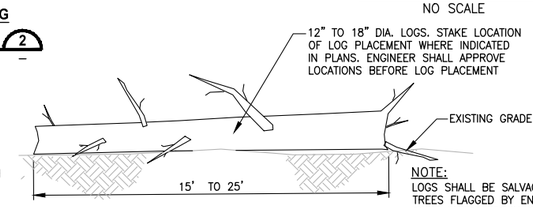


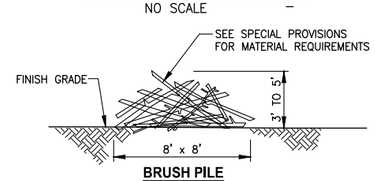
NOTE:
PLANT SHRUBS IN SINGLE SPECIES GROUPS OF 7 TO 12 PLANTS EACH PLANT TREES IN SINGLE SPECIES GROUPS OF 1 TO 5 PLANTS EACH.

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
NO SCALE



BRUSH PILE DETAIL 8
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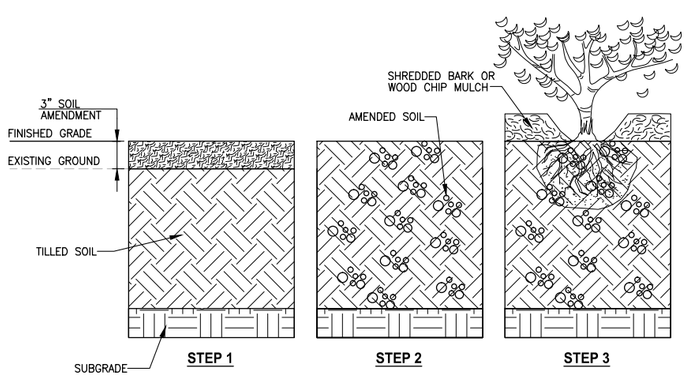

STEP 1
TILL, DISC OR RIP SOIL IN PLANTING AREAS TO 10" DEPTH. PLACE 3" OF SOIL AMENDMENT OVER SOIL SURFACE.

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

TRAILSIDE RESTORATION PLANT MATERIAL LIST

QUANTITY	BOTANICAL NAME	COMMON NAME	MIN SIZE/CONDITION	NOTES/SPACING
	TREES			
19	PSEUDOTSUGA MENZIESII	DOUGLAS FIR	6' HT	AS SHOWN ON PLAN
18	THUJA PLICATA	WESTERN RED CEDAR	6' HT	
13	THUJA PLICATA 'EXCELSA'	EXCELSA WESTERN RED CEDAR	6' HT	SPACE 6' TO 7' O.C.
	SHRUBS			
38	ARBUTUS UNEDO 'COMPACTUS'	COMPACT STRAWBERRY TREE	36" HT/ #5 CONT	SPACE 5' O.C.
70	MYRICA CALIFORNICA	PACIFIC WAX MYRTLE	36" HT/ #5 CONT	SPACE 5' O.C.
22	MAHONIA AQUIFOLIUM	TALL OREGON GRAPE	36" HT/ #2 CONT	SPACE 5' O.C.
92	PHILADELPHUS LEWISII	MOCK ORANGE	36" HT/ #2 CONT	SPACE 5' O.C.
64	RIBES SANGUINEUM	FLOWERING RED CURRANT	36" HT/ #2 CONT	SPACE 5' O.C.
7	VIBURNUM DAVIDII	DAVIDS VIBURNUM	36" HT/ #2 CONT	SPACE 5' O.C.
12	VIBURNUM OPULUS	CRANBERRY BUSH	36" HT/ #2 CONT	SPACE 5' O.C.
	LOW SHRUBS AND GROUNDCOVER			
2,983	GAULTHERIA SHALLON	SALAL	12" HT/ #1 CONT	
2,231	MAHONIA REPENS	CREEPING OREGON GRAPE	12" HT/ #1 CONT	
2,231	POLYSTICHUM MUNITUM	SWORD FERN	12" HT/ #1 CONT	

PLANT MATERIAL SETBACK CHART

	GUARDRAIL BARRIER	EDGE OF ROADWAY	PATHS, TRAILS	WALL	FENCE	SIGNS	EXISTING TREE, TRUNK	EXISTING VEGETATION MASS
EVERGREEN TREE	15'	15'	10'	8'	8'	15'	10'	–
ORNAMENTAL/NATIVE DECIDUOUS TREE	6'	6'	10'	8'	8'	15'	10'	–
MEDIUM AND LARGE SHRUBS – GREATER THAN 3' TALL	5'	5'	8'	3'	3'	6'	5'	5'
SMALL SHRUB – LESS THAN 3' TALL	3'	5'	5'	2'	3'	2'	5'	5'

TYPICAL MINIMUM DISTANCE SETBACKS ARE TO THE CENTER STEM OR TRUNK OF PLANT MATERIAL UNLESS OTHERWISE DIRECTED BY THE ENGINEER DURING LAYOUT AND STAKING OF PLANT LOCATIONS.

CITY OF SAMMAMISH APPROVAL

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LANDSCAPE DETAILS

SHEET NO. 73 OF 78

LD1

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1 MITIGATION GOALS, OBJECTIVES, AND PERFORMANCE STANDARDS

THE OVERALL GOAL OF THE MITIGATION 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 GOASL ARE:

- INCREASE AND ENHANCE THE BUFFER OF TWO WETLANDS (WETLANDS 12A AND 13A) BY 0.27 ACRE.
- ENHANCE 0.25 ACRE WITHIN THE EXISTING REGULATORY BUFFER OF TWO WETLANDS (WETLANDS 13A AND 14A).
- ENHANCE 0.02 ACRE OF EXISTING WETLAND (WETLAND 13A).
- ENHANCE 0.15 ACRE OF EXISTING STREAM BUFFER (SOUTH FORK OF STREAM 0163).

ACHIEVEMENT OF THESE GOALS IS EXPECTED TO PROVIDE THE FOLLOWING IMPROVEMENTS TO WETLAND, WETLAND BUFFER, AND STREAM BUFFER FUNCTIONS:

- INCREASE THE PRODUCTION OF ORGANIC MATTER BY PLANTING TREES AND SHRUBS IN WETLAND, WETLAND BUFFER, AND STREAM BUFFER AREAS.
- INCREASE FISH AND WILDLIFE HABITAT AND IMPROVE BIOLOGICAL DIVERSITY BY INSTALLING HABITAT FEATURES (HABITAT LOGS AND BRUSH PILES) AND PLANTING WITH A VARIETY OF NATIVE PLANT SPECIES THAT WILL CREATE MULTIPLE VEGETATION STRATA AS THEY MATURE.
- INCREASE VISUAL AND AURAL SCREENING OF EAST LAKE SAMMAMISH PARKWAY SE AND THE TRAIL FOR WILDLIFE PROTECTION AND HABITAT CONNECTIVITY.

1.2 MITIGATION OBJECTIVES AND PERFORMANCE STANDARDS

BUFFER PLANT COMMUNITIES

OBJECTIVE 1: ESTABLISH A MINIMUM OF 0.52 ACRE NATIVE FOREST AND SHRUB WETLAND BUFFER (AT THE INCREASED WETLAND BUFFER AND EXISTING WETLAND BUFFER AREAS) AND 0.15–ACRE NATIVE FOREST AND SHRUB STREAM BUFFER.

PERFORMANCE STANDARDS:

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

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

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

OBJECTIVE 2: LIMIT INVASIVE NON–NATIVE SPECIES THROUGHOUT THE ENHANCED WETLAND BUFFER AND ENHANCED STREAM BUFFER MITIGATION PLANTING AREAS.

PERFORMANCE STANDARD:

YEARS 1–5 KING COUNTY LISTED CLASS A AND REGULATED CLASS B AND C NOXIOUS WEEDS AND HIMALAYAN BLACKBERRY, CUTLEAF BLACKBERRY, SCOTCH BROOM, BUTTERFLY BUSH (BUDDLEIA DAVIDII), ENGLISH IVY, AND REED CANARYGRASS WILL NOT EXCEED 20 PERCENT AERIAL COVER IN THE PLANTING AREA.

WETLAND PLANT COMMUNITY

OBJECTIVE 3: ESTABLISH A MINIMUM OF 0.02 ACRE NATIVE SHRUB WETLAND.

PERFORMANCE STANDARDS:

YEAR 1 SURVIVAL OF PLANTED WILLOW STAKES IN THE ENHANCED WETLAND WILL BE AT LEAST 80 PERCENT.

YEAR 3 NATIVE WOODY SPECIES WILL ACHIEVE A MINIMUM OF 35 PERCENT AERIAL COVER IN THE ENHANCED WETLAND.

YEAR 5 NATIVE WOODY SPECIES WILL ACHIEVE A MINIMUM OF 60 PERCENT AERIAL COVER IN THE ENHANCED WETLAND.

OBJECTIVE 4: LIMIT INVASIVE NON–NATIVE SPECIES COVER THROUGHOUT THE MITIGATION SITE PLANTING AREA.

PERFORMANCE STANDARD:

YEARS 1–5 KING COUNTY LISTED CLASS A AND REGULATED CLASS B AND C NOXIOUS WEEDS AND HIMALAYAN BLACKBERRY, CUTLEAF BLACKBERRY, SCOTCH BROOM, BUTTERFLY BUSH (BUDDLEIA DAVIDII), ENGLISH IVY, WILL NOT EXCEED 10 PERCENT AERIAL COVER IN THE PLANTING AREA.

WILDLIFE HABITAT

OBJECTIVE 5: PROVIDE ENHANCED WETLAND, RIPARIAN, AND UPLAND WILDLIFE HABITAT.

PERFORMANCE STANDARD:

YEARS 1, 3, 5 THE INCREASE IN AERIAL COVER OF NATIVE WOODY SPECIES IN THE INCREASED WETLAND BUFFER, ENHANCED WETLAND BUFFER, ENHANCED WETLAND, AND ENHANCED STREAM BUFFER, AS MEASURED IN OBJECTIVES 1 AND 3, WILL BE USED AS A SURROGATE TO INDICATE INCREASING HABITAT FUNCTIONS.

YEARS 1, 3, 5 THE INSTALLED HABITAT FEATURES (E.G. HABITAT LOGS AND BRUSH PILES) ARE TO BE PRESENT AND FUNCTIONAL.

YEAR 5 THE HABITAT STRUCTURE WILL PROVIDE MULTIPLE LAYERS BY AS TREES AND SHRUBS GROW IN ENHANCED WETLAND BUFFER, ENHANCED WETLAND, AND ENHANCED STREAM BUFFER.

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.

PHOTO–DOCUMENTATION OF SITE DEVELOPMENT

OBJECTIVE 7: DOCUMENT SITE DEVELOPMENT WITH PHOTOGRAPHS.

PERFORMANCE STANDARD:

PERMANENT PHOTOGRAPHIC STATIONS WILL BE ESTABLISHED TO MONITOR THE DEVELOPMENT OF THE ENHANCED WETLAND BUFFER AND ENHANCED STREAM BUFFER MITIGATION SITES. PHOTOGRAPHS WILL BE TAKEN FROM TRANSECT END POSTS AND FROM VANTAGE POINTS THAT CAPTURE THE GENERAL MITIGATION AREAS. ALL PHOTOGRAPHS WILL BE LABELED TO IDENTIFY LOCATIONS.

2 MONITORING AND MAINTENANCE

2.1 MONITORING

THE MITIGATION AREAS WILL BE MONITORED DURING AND AFTER CONSTRUCTION. DURING CONSTRUCTION, MONITORING WILL ENSURE THAT THE BMPS ARE OBSERVED TO MINIMIZE IMPACTS, AND THE ON–SITE CONSTRUCTION WORK (INCLUDING 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 EFFORTS 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, PHOTOGRAPHIC EVIDENCE 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 MITIGATION SITES WILL BE ASSESSED BY AN APPROPRIATE QUANTITATIVE FIELD METHODOLOGY TO EVALUATE VEGETATIVE COVER (E.G., THE LINE INTERCEPT METHOD) FOR DETERMINING THE PERCENT OF 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 ASSESSMENTS 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.

THE PLANTED VEGETATION SPECIES SHOULD BE ADAPTED TO VARYING SITE CONDITIONS IN THE PUGET SOUND LOWLAND; HOWEVER, 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 THE DISTANCES GENERALLY FOUND 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 (E.G., PLANTSKYDD®) MAY BE NECESSARY FOR ALL PLANTS WITHIN THE SITE UPON COMPLETION OF PLANT INSTALLATION TO MINIMIZE BROWSE AND OTHER DAMAGE TO PLANTS FROM WILDLIFE DURING THE ESTABLISHMENT PERIOD.

2.3 CONTINGENCY MEASURES

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

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 SITES 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 SITES 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 SITES WILL CONTINUE TO BE EVALUATED EVERY YEAR UNTIL THEY HAVE 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

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

▷	REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME BL1521075P20T03LD–01
JOB No. 554–1521–075 P20T03
DATE APRIL 2015

PRELIMINARY

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

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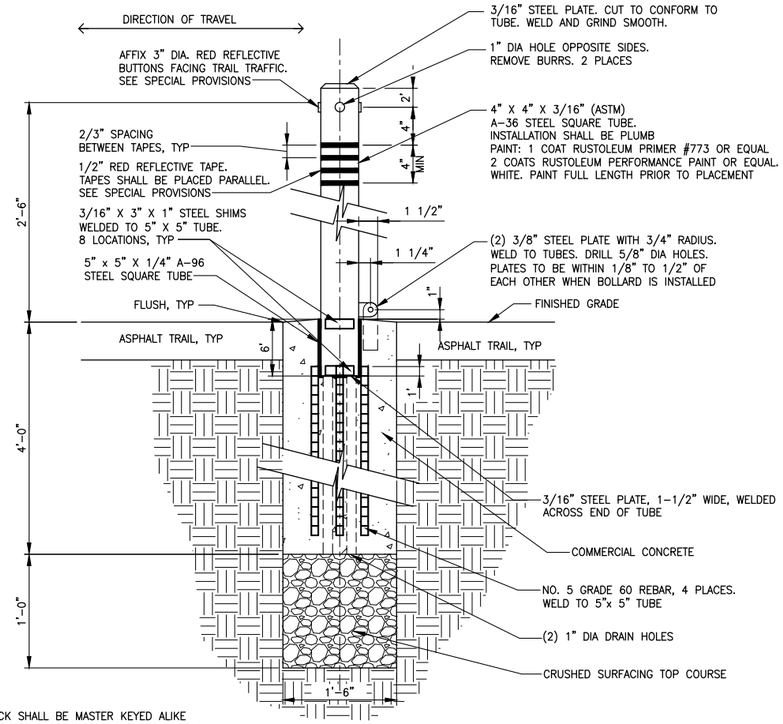
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

LANDSCAPE DETAILS

SHEET NO. 74 OF 78
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: Tuesday, April 21, 2015 3:00:12 PM

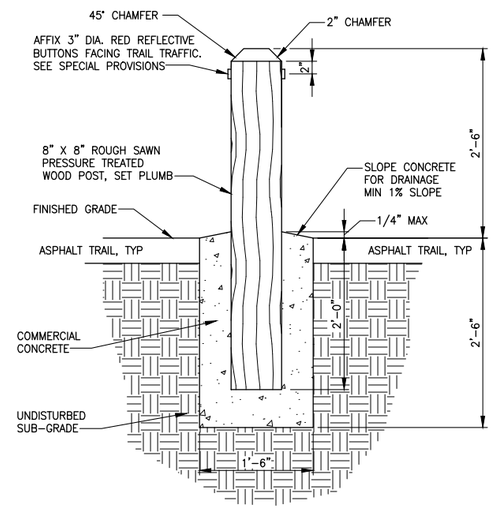
SEC'S 8, 17 TWP. 24 N., RGE. 06 E, W.M.



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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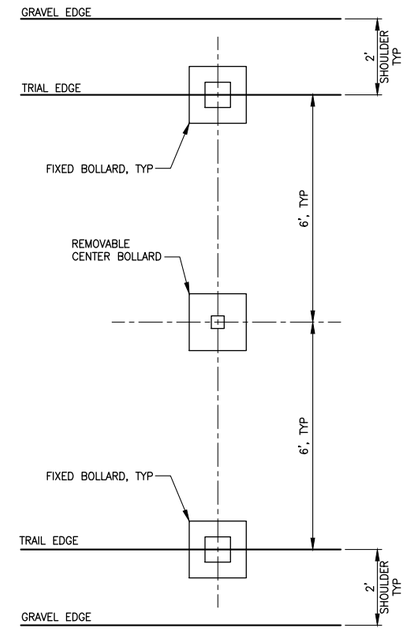
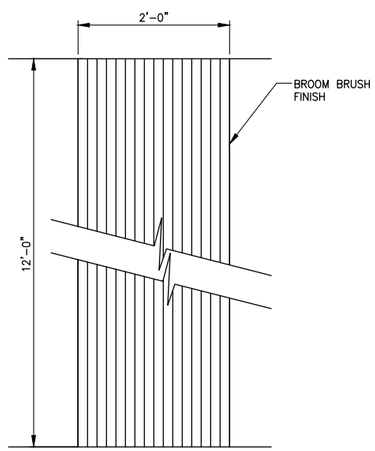
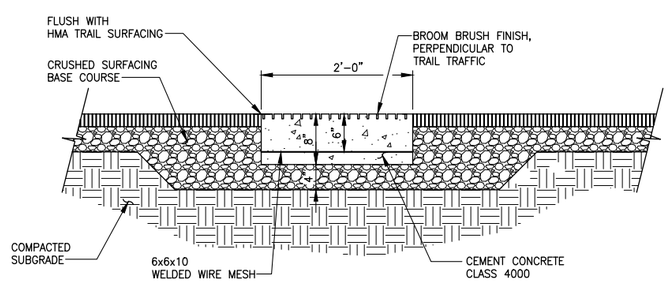


BOLLARD PLAN LOCATION
DETAIL 3
NOT TO SCALE

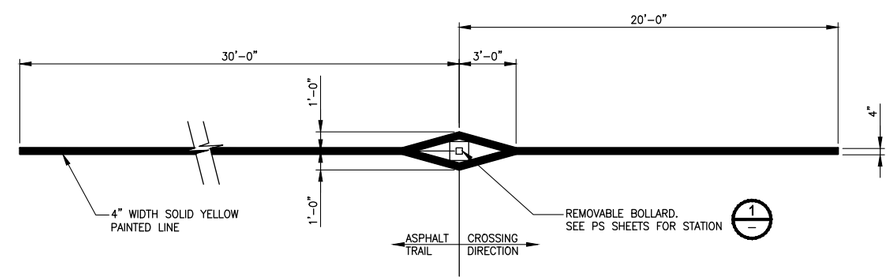


PLAN



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

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

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	REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03MD-01
JOB No. 554-1521-075 P20T03
DATE APRIL 2015

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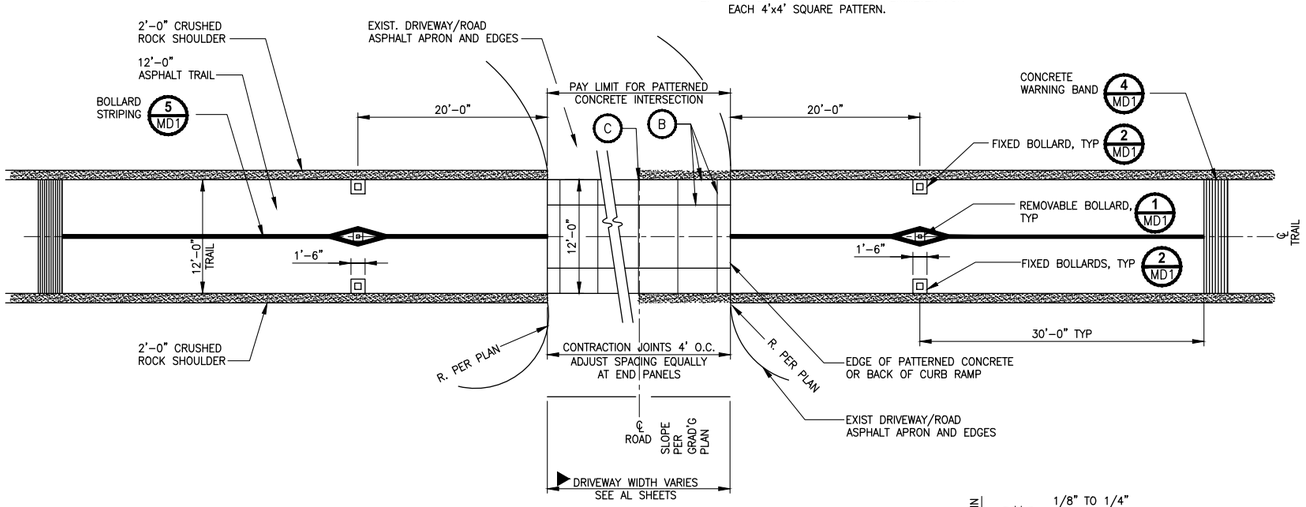
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

MISCELLANEOUS DETAILS

SHEET NO.
75 OF 78
MD1

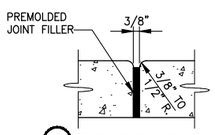
PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Tuesday, April 21, 2015 3:00:25 PM
LAYOUT: MD1

NOTES:
1. EXPANSION JOINT ALONG DRIVEWAY CENTERLINE. 15' MAXIMUM SPACING WHEN DRIVEWAY WIDTHS EXCEED 30'.
2. 4" WIDE SMOOTH TROWELED PERIMETER FOR EACH 4'x4' SQUARE PATTERN.

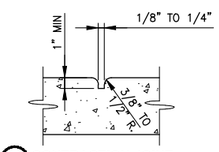


PLAN

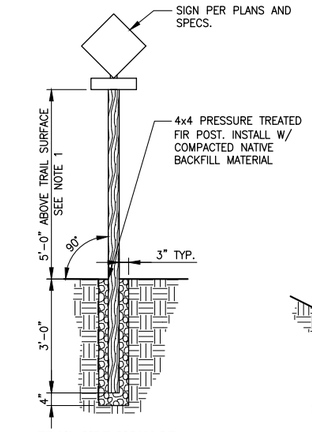
TYPICAL DRIVEWAY CROSSING (AT GRADE)
DETAIL 1
NOT TO SCALE



C EXPANSION JOINT

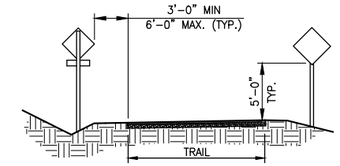


B CONTRACTION JOINT



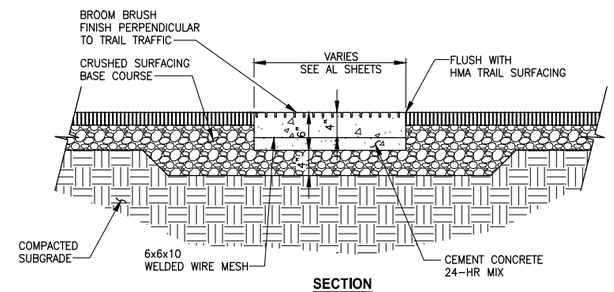
TRAIL SIDE SIGNAGE

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

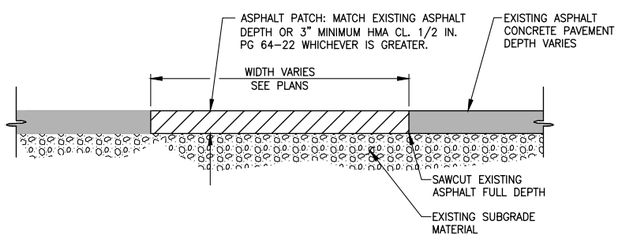


NOTES:
1. STAKE SIGN LOCATIONS FOR APPROVAL.
2. SEE SHEET PS10 FOR SIGN SCHEDULE.

TRAIL SIGNAGE
DETAIL 2
NOT TO SCALE



SECTION



ASPHALT PATCH
DETAIL 3
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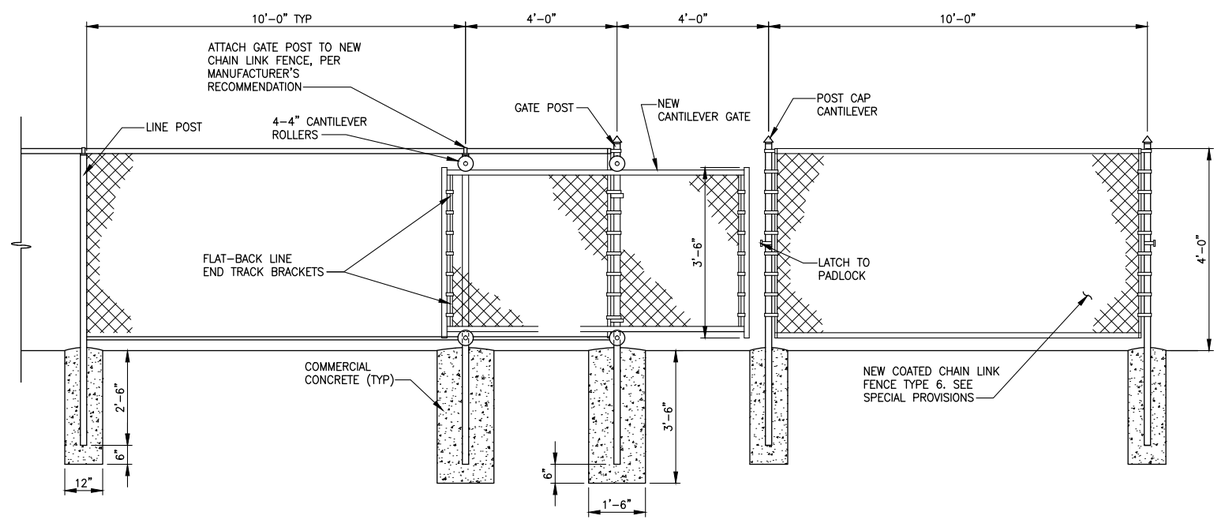

CHAIN LINK CANTILEVER GATE
DETAIL 4
NOT TO SCALE

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

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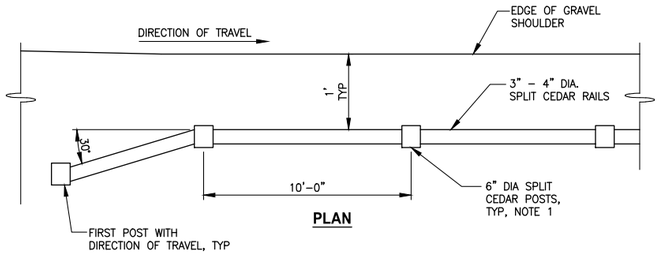
PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

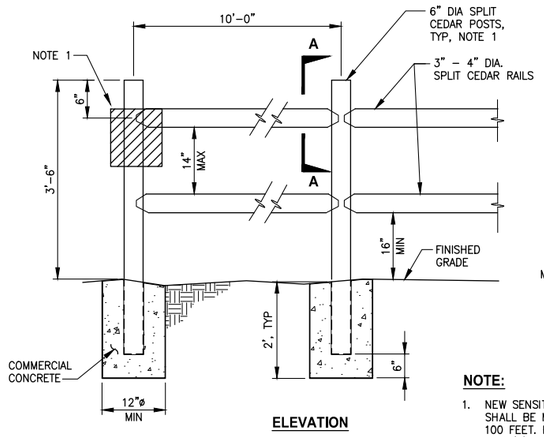
MISCELLANEOUS DETAILS

SHEET NO. 76 OF 78
MD2

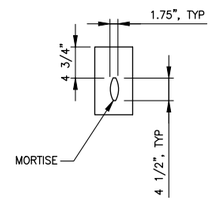
LAYOUT: MD2 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Tuesday, April 21, 2015 3:00:33 PM



PLAN



ELEVATION



SECTION A-A

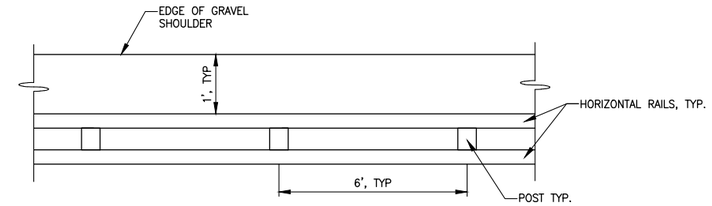
NOTE:

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



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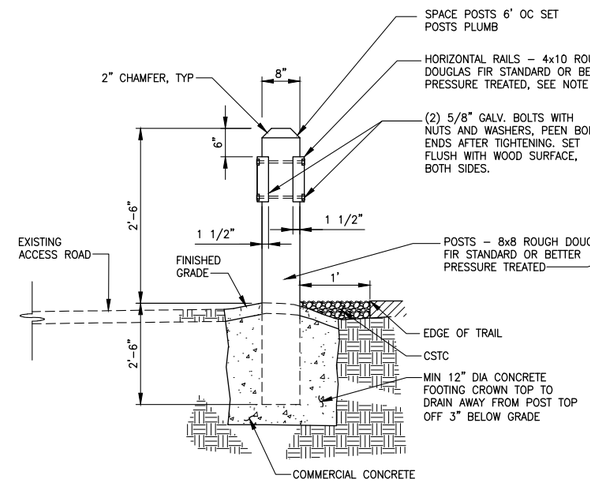

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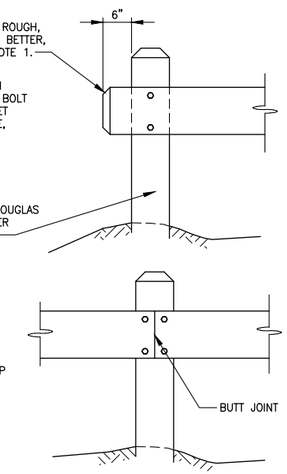


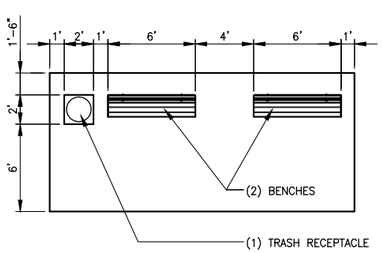
NOTE:

1. ALLOW FOR 10 1/4" CUT IN POST TO LET IN HORIZONTAL RAIL.

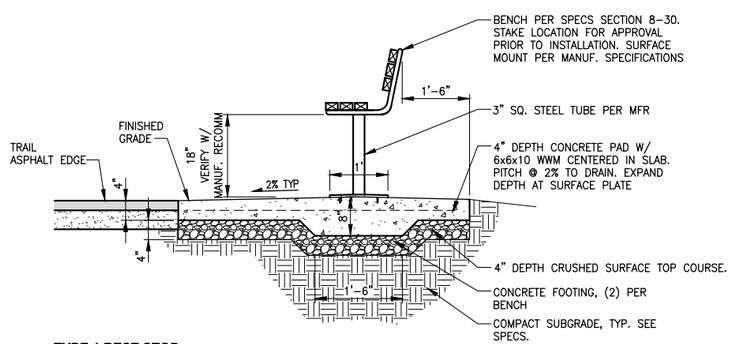
WOOD GUARDRAIL

DETAIL 2

NOT TO SCALE



PLAN



TYPE 1 REST STOP

DETAIL 3

NOT TO SCALE

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

DPER ACTIVITY NUMBER
GRDE14-0052 / SHORE14-0022
FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

▷	REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P20T03MD–01
JOB No. 554–1521–075 P20T03
DATE APRIL 2015

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

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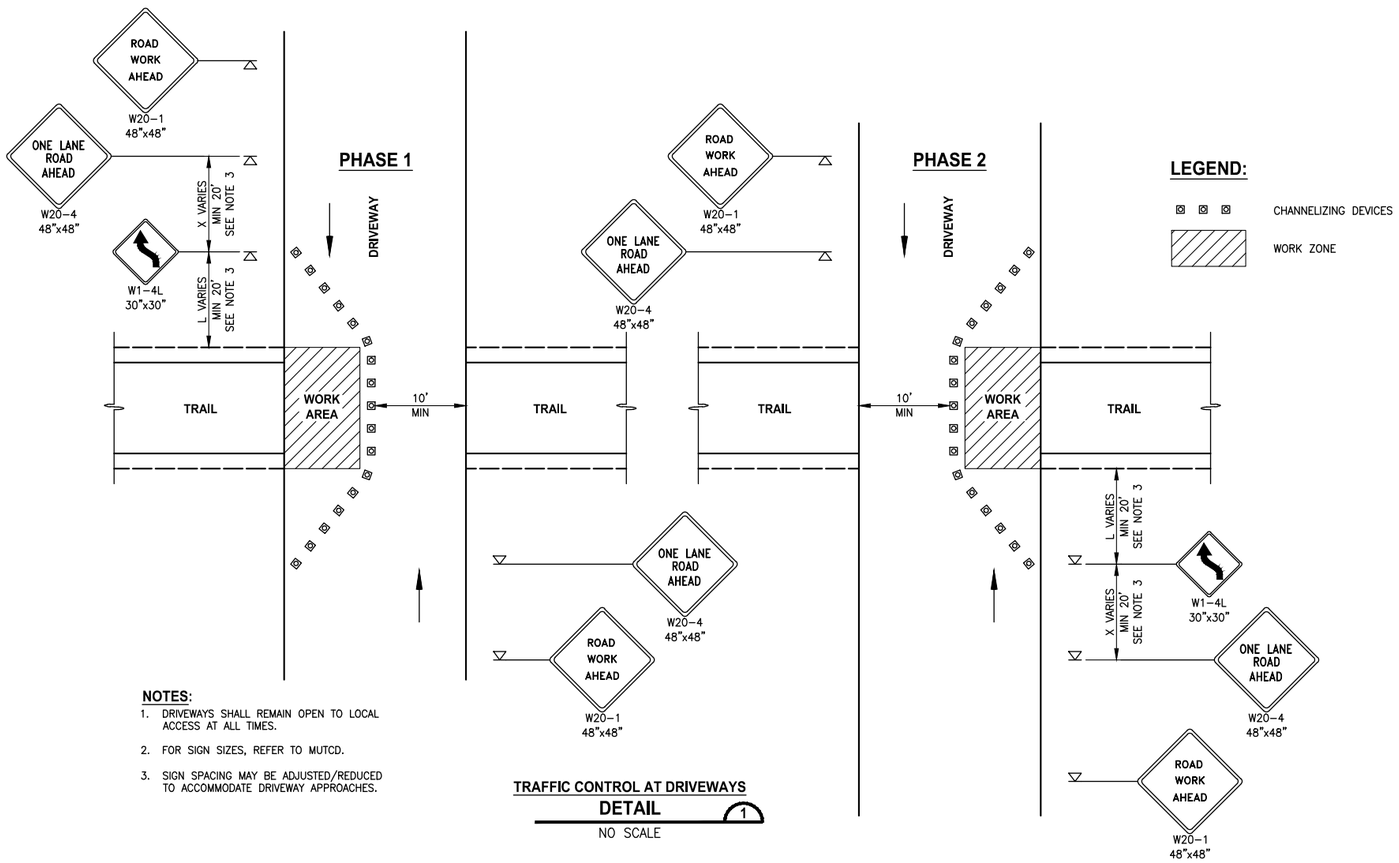
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT A
SAMMAMISH, WA

MISCELLANEOUS DETAILS

SHEET NO. 77 OF 78

MD3

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 20\Task 03\DWG\ PLOTTED BY: purgabut DATE: Tuesday, April 21, 2015 3:00:37 PM
LAYOUT: MD3



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

	REVISIONS	DATE	BY

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

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EAST LAKE SAMMAMISH
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CITY OF SAMMAMISH APPROVAL
City Engineer — Date
Community Development — Date

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FEDERAL AID #

95 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

MISCELLANEOUS DETAILS

SHEET NO.
78 OF 78
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: Tuesday, April 21, 2015 3:24:39 PM