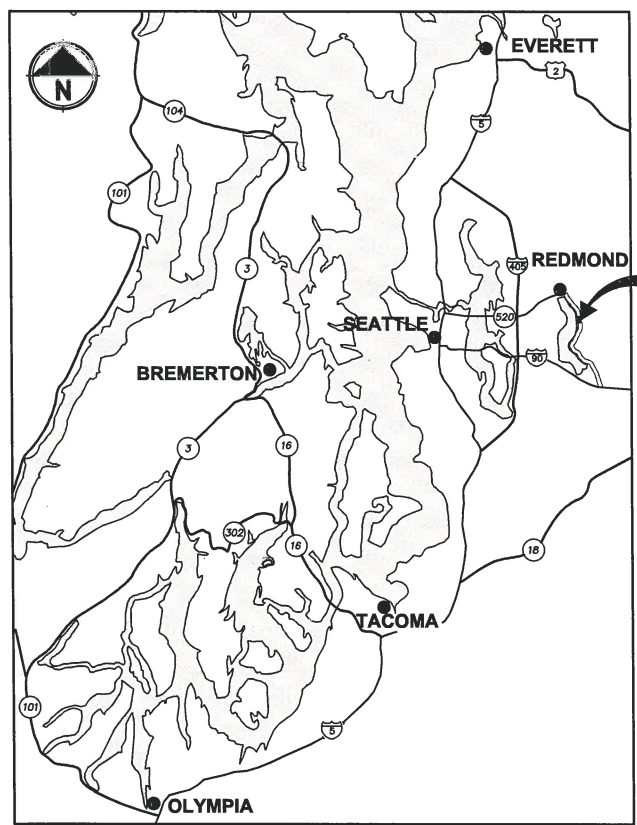
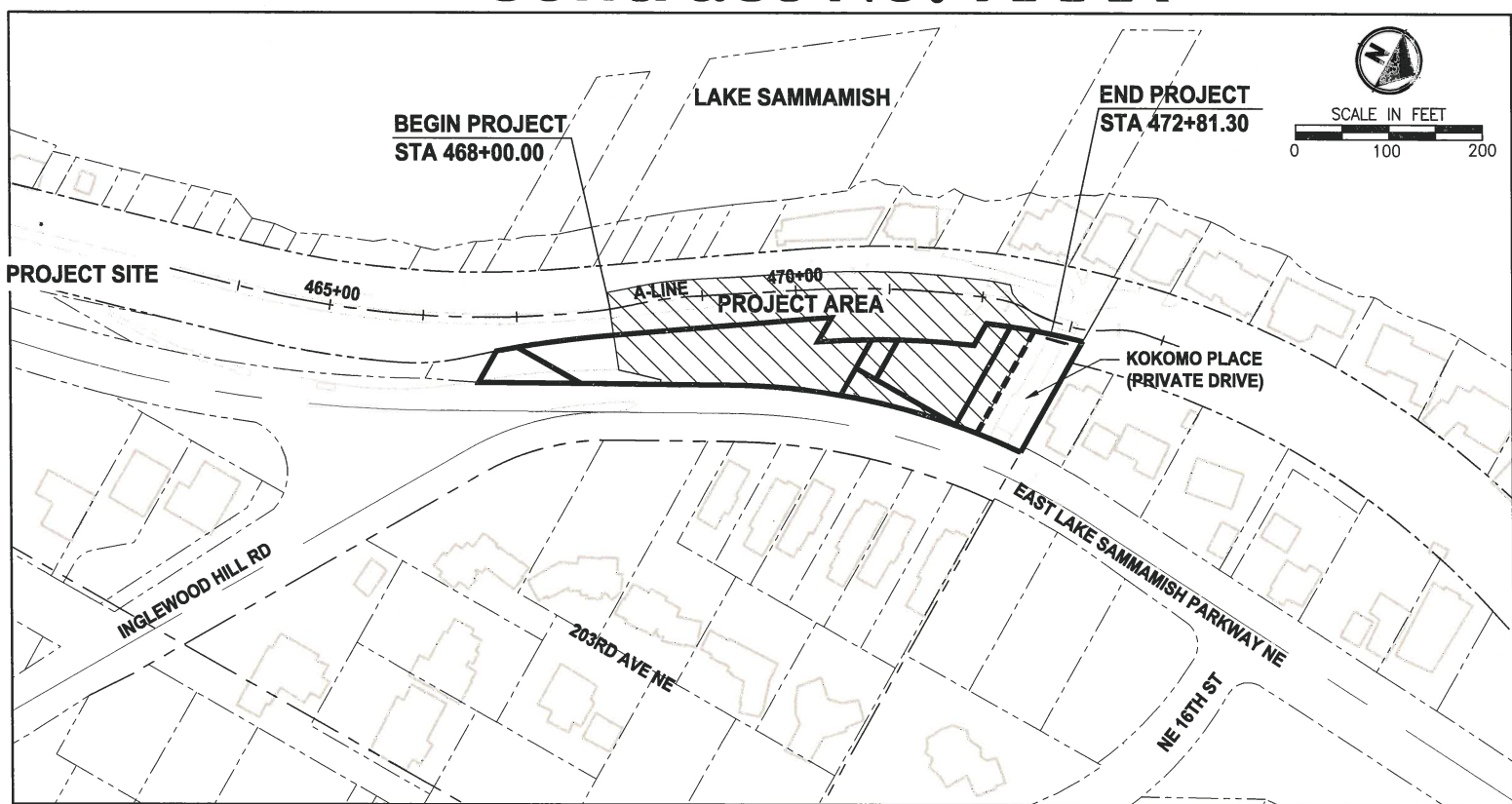


King County Parks and Recreation
Inglewood Hill Road Parking Lot - Phase 1
Sammamish, Washington
Contract No. XXXX



LOCATION MAP
NOT TO SCALE



VICINITY MAP

INDEX TO DRAWINGS		
SHEET NO.	DWG NO.	SHEET TITLE
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4	G4	SURVEY CONTROL, ALIGNMENT AND ACCESS PLAN
5	G5	CONSTRUCTION ACCESS
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10	AL1	SITE IMPROVEMENTS PLAN
11	GR1	GRADING PLAN & PROFILE
12	XS1	GRADING SECTIONS
13	WP1	WALL 1 PLAN & PROFILE
14	WP2	WALL 2 PLAN & PROFILE
15	DR1	DRAINAGE PLAN
16	SD1	DRAINAGE PROFILES
17	LA1	LANDSCAPE PLAN
18	LD1	PLANTING SCHEDULE AND DETAILS
19	GN1	CITY OF SAMMAMISH STANDARD NOTES
20	GN2	CITY OF SAMMAMISH STANDARD NOTES
21	MD1	DETAILS
22	MD2	DETAILS
23	MD3	DETAILS
24	MD4	DETAILS

EXISTING ZONE CLASSIFICATION:

LOW DENSITY, URBAN RESIDENTIAL R-4

EXISTING SHORELINE ENVIRONMENT DESIGNATION:

CITY OF SAMMAMISH DESIGNATION: SHORELINE RESIDENTIAL

GENERAL PURPOSE OF THIS PROJECT:

TO CONSTRUCT PARKING AND ACCESS FOR THE EAST LAKE SAMMAMISH TRAIL.

PROPERTY INFORMATION:

PARCEL NUMBERS (STAGING AND ACCESS ONLY):
357530-0260-08 (29,285 SQ. FT.)
357530-0340-02 (9,671 SQ. FT.)
357530-0365-02 (1,920 SQ. FT.)
357530-0370-05 (1,669 SQ. FT.)
357530-0460-06 (2,304 SQ. FT.)
292506-9007 (484,668 SQ. FT.)

PHASE 1 CONSTRUCTION IMPROVEMENTS WILL BE MADE ENTIRELY WITHIN THE KING COUNTY TRAIL CORRIDOR AND WILL NOT EXTEND BEYOND.

PROJECT & SITE INFORMATION:

KING COUNTY PROPOSES TO DEVELOP 481 FEET OF THE MULTI-USE TRAIL IN THE CITY OF SAMMAMISH, LOCATED NORTH OF INGLEWOOD HILL ROAD. A GRAVEL PARKING LOT AND INTERIM TRAIL ARE CURRENTLY IN OPERATION.

PHASE 1 IMPACTS:
DISTURBED AREA = 18,000 SF (0.42 AC)
EXISTING IMPERVIOUS AREA = 16,236 SF (0.37 AC)
PROPOSED NEW/REPLACED IMPERVIOUS AREA = 7,700 SF (0.18 AC)
VOLUME OF ESTIMATED FILL = 1,400 CY
VOLUME OF ESTIMATED EXCAVATION = 1,100 CY

WRITTEN DESCRIPTION OF PHASE 1:

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

THE PROPOSED IMPROVEMENTS INCLUDE A RETAINING WALL, PAVING, DRAINAGE IMPROVEMENTS, FENCE, AND SIGNAGE.

CONTACT INFORMATION:

APPLICANT:
KING COUNTY PARKS AND RECREATION DIVISION
201 S. JACKSON, 7TH FLR
SEATTLE, WA 98104
(206) 477-4552
CONTACT: GINA AULD

OWNER:
KING COUNTY PARKS AND RECREATION DIVISION

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

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

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

PUGET SOUND ENERGY:
CONSTRUCTION SERVICES
1-888-321-7779

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

SURVEYOR:
PARAMETRIX
700 NE MULTNOMAH
SUITE 1000
PORTLAND, OR 97232
(503) 416-6069
CONTACT: SKYE THOMAS, PLS

CG2018-06067 SSDP 2016-00415

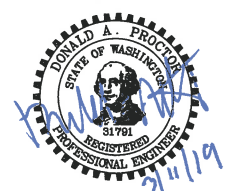
CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

CITY OF SAMMAMISH STAMPS

PLOTTED BY: mccabrya DATE: Monday, March 11, 2019 12:37:24 PM
PATH: U:\P50\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 21\T03\Drawg
LAYOUT: G1

REVISIONS	DATE	BY	DESIGNED
			R. MCCABE
			DRAWN
			R. MCCABE
			CHECKED
			R. PARKER
			APPROVED
			D. PROCTOR

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY.
FILE NAME
BL1521075P21T03G-01
JOB No.
554-1521-075 P21T03
DATE
FEBRUARY 2019



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PROJECT NAME
**KING COUNTY PARKS AND RECREATION
INGLEWOOD HILL ROAD
PARKING LOT - PHASE 1**
SAMMAMISH, WA

COVER SHEET

SHEET NO.
1 OF 24
G1

LAYOUT: G2 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 21\T03\DWG\ PLOTTED BY: mccabrya DATE: Sunday, March 10, 2019 6:36:31 PM

ABBREVIATIONS:

AC	ACRE	PCC	POINT OF COMPOUND CURVATURE
ACP	ASPHALT CONCRETE PAVEMENT	P/L	PROPERTY LINE
AP	ANGLE POINT	PP	POWER POLE
BC	BOTTOM OF CURB	PRC	POINT OF REVERSE CURVATURE
BIGD	BELOW INLET GRATE DEVICE	PROP	PROPOSED
BOC	BACK OF CURB	PT	POINT OF TANGENT
BOW, BW	BOTTOM OF WALL	PUD	PUBLIC UTILITY DISTRICT
BVCE	BEGIN VERTICAL CURVE ELEVATION	PVI	POINT OF VERTICAL INTERSECTION
BVCS	BEGIN VERTICAL CURVE STATION	R	RADIUS
CB	CATCH BASIN	REINF	REINFORCED
CG, C&G	CURB AND GUTTER	ROW, R/W	RIGHT-OF-WAY
C/L, CL	CENTERLINE	RR	RAIL ROAD
CLF	CHAIN LINK FENCE	RT	RIGHT
CMP	CORRUGATED METAL PIPE	SD	STORM DRAIN
CONC	CONCRETE	SDMH	STORMWATER MANHOLE
CONST	CONSTRUCTION	SE	SOUTHEAST
CP	CONCRETE PIPE	SEW	STRUCTURAL EARTH WALL
CSTC	CRUSHED SURFACING TOP COURSE	SF	SQUARE FEET
CY	CUBIC YARDS	SHLDR	SHOULDER
DI, DIA	DIAMETER	SIM	SIMILAR
DI, DIP	DUCTILE IRON PIPE	SPWSD	SAMMAMISH PLATEAU WATER AND SEWER DISTRICT
E	EAST, EASTING	SS	SANITARY SEWER
EL, ELEV	ELEVATION	SSFM	SANITARY SEWER FORCE MAIN
EOA	EDGE OF ASPHALT	SSMH	SANITARY SEWER MANHOLE
EOG	EDGE OF GRAVEL	SSP	STORM SEWER PIPE
EOP	EDGE OF PAVEMENT	ST	STEEL
EVCE	END VERTICAL CURB ELEVATION	STA	STATION
EVCS	END VERTICAL CURB STATION	STM	STORM
EX, EXIST	EXISTING	SW	SOUTHWEST
FL	FLANGE, FLOWLINE	TC	TOP OF CURB
FM	FORCE MAIN	TEL	TELEPHONE
FOC	FACE OF CURB	TESC	TEMPORARY EROSION AND SEDIMENT CONTROL
FT	FOOT, FEET	TOW, TW	TOP OF WALL
G	GAS	TYP	TYPICAL
GB	GRADE BREAK	UD	UNDERDRAIN
HMA	HOT MIX ASPHALT	UDP	UNDER DRAIN PIPE
IE	INVERT ELEVATION	W	WATER
LF	LINEAR FEET	WQ	WATER QUALITY
LP	LOW POINT	WS	WATER SERVICE
LT	LEFT	WSDOT	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
MAX	MAXIMUM	WWM	WELDED WIRE MESH
ME	MATCH EXISTING		
MIN	MINIMUM		
MON	MONUMENT		
N	NORTH, NORTHING		
NE	NORTHEAST		
N.I.C.	NOT IN CONTRACT		
NPDES	NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM		
NST	NOT STEEPER THAN		
NW	NORTHWEST		
O.C.	ON CENTER		
OP	OVERHEAD POWER		
PC	POINT OF CURVE		

LEGAL DESCRIPTIONS (NO IMPROVEMENTS WILL BE MADE TO THESE PARCELS):

PARCEL No. 357530-0260-08
PER STEWART TITLE GUARANTY COMPANY,
GUARANTEE No. G-6329-000007871, JANUARY 8, 2016

THOSE PORTIONS OF LOTS 1 THROUGH 10, 18 THROUGH 21 AND 23 THROUGH 27, BLOCK 6, INGLEWOOD, ACCORDING TO THE PLAT THEREOF RECORDED IN VOLUME 3 OF PLATS, PAGE 169, RECORDS OF KING COUNTY, WASHINGTON, LYING WESTERLY OF THE WESTERLY MARGIN OF EAST LAKE SAMMAMISH PARKWAY N. E. (ISSAQUAH-REDMOND ROAD REVISION NO. 2); EXCEPT THAT PORTION LYING WESTERLY OF THE EASTERLY MARGIN OF THE NORTHERN PACIFIC RAILROAD RIGHT OF WAY AS CONVEYED BY DEED RECORDED UNDER RECORDING NUMBER 3051111; AND EXCEPT THOSE PORTIONS CONVEYED TO KING COUNTY FOR ROAD PURPOSES BY DEEDS RECORDED UNDER RECORDING NUMBERS 625790, 983353, 983354 AND 983355; AND EXCEPT THAT PORTION CONDEMNED FOR ROAD PURPOSES IN KING COUNTY SUPERIOR COURT CAUSE NO. 106364; AND EXCEPT THOSE PORTIONS RESERVED FOR ROAD BY KING COUNTY IN DEEDS RECORDED UNDER RECORDING NUMBERS 860989 AND 2957937; AND TOGETHER WITH THOSE PORTIONS OF VACATED DEPOT STREET ADJOINING, VACATED BY KING COUNTY SUPERIOR COURT CAUSE NUMBER 94-2-14451-1, AS WOULD ATTACH BY OPERATION OF LAW.

PARCEL No. 357530-0340-02
PER STEWART TITLE GUARANTY COMPANY,
GUARANTEE No. G-6329-000007868, JANUARY 8, 2016

THAT PORTION OF LOT 17, BLOCK 6, INGLEWOOD, ACCORDING TO THE PLAT THEREOF RECORDED IN VOLUME 3 OF PLATS, PAGE 169, RECORDS OF KING COUNTY, WASHINGTON, LYING WESTERLY OF THE WESTERLY MARGIN OF EAST LAKE SAMMAMISH PARKWAY N. E. (ISSAQUAH-REDMOND ROAD REVISION NO. 2); EXCEPT THAT PORTION RESERVED FOR ROAD BY KING COUNTY IN DEED RECORDED UNDER RECORDING NUMBER 2957937; AND TOGETHER WITH THOSE PORTIONS OF VACATED ASH STREET (N. E. 16TH STREET) AND VACATED DEPOT STREET ADJOINING, VACATED BY KING COUNTY SUPERIOR COURT CAUSE NUMBER 94-2-14451-1, AS WOULD ATTACH BY OPERATION OF LAW.

PARCEL No. 357530-0365-02
PER STEWART TITLE GUARANTY COMPANY,
GUARANTEE No. G-6329-000007869, JANUARY 8, 2016

THAT PORTION OF LOT 22, BLOCK 6, INGLEWOOD, ACCORDING TO THE PLAT THEREOF RECORDED IN VOLUME 3 OF PLATS, PAGE 169, RECORDS OF KING COUNTY, WASHINGTON, LYING EASTERLY OF THE EASTERLY MARGIN OF THE NORTHERN PACIFIC RAILROAD COMPANY RIGHT OF WAY, AS CONVEYED BY DEED RECORDED UNDER RECORDING NUMBER 3051111.

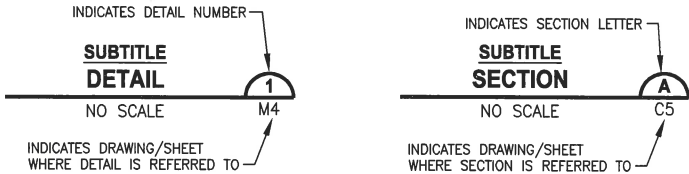
PARCEL No. 357530-0370-05
PER STEWART TITLE GUARANTY COMPANY,
GUARANTEE No. G-6329-000007867, JANUARY 8, 2016

THAT PORTION OF LOTS 11 THROUGH 18, BLOCK 6, INGLEWOOD, ACCORDING TO THE PLAT THEREOF RECORDED IN VOLUME 3 OF PLATS, PAGE 169, RECORDS OF KING COUNTY, WASHINGTON, LYING WESTERLY OF THE WESTERLY MARGIN OF EAST LAKE SAMMAMISH PARKWAY N. E. (ISSAQUAH-REDMOND ROAD REVISION NO. 2); EXCEPT THOSE PORTIONS CONVEYED TO KING COUNTY FOR ROAD PURPOSES BY DEEDS RECORDED UNDER RECORDING NUMBERS 983354 AND 983356; AND EXCEPT THAT PORTION RESERVED FOR ROAD BY KING COUNTY IN DEED RECORDED UNDER RECORDING NUMBER 769006; AND TOGETHER WITH THAT PORTION, IF ANY, OF VACATED ASH STREET (N. E. 16TH STREET) ADJOINING, VACATED BY KING COUNTY SUPERIOR COURT CAUSE NUMBER 94-2-14451-1, AS WOULD ATTACH BY OPERATION OF LAW.

PARCEL No. 292506-9007

THAT PORTION OF THE BURLINGTON NORTHERN AND SANTA FE RAILWAY COMPANY'S (FORMERLY NORTHERNPACIFIC RAILWAY COMPANY) SNOQUALMIE BRANCH LINE RIGHT-OF-WAY 100 FEET IN WIDTH OVER AND ACROSS GOVERNMENT LOTS 1 & 2 LESS PORTION OF SAID GOVERNMENT LOT 2 AS DEEDED TO D.P. & E.M. STAHL UNDER REC NO 9409280762; TOGETHER WITH LOTS 1 THRU 68, BLOCK 9, PLAT OF TOWN OF INGLEWOOD LYING WESTERLY OF LINE DRAWN PARALLEL WITH & 50 FEET EASTERLY AS MEASURED AT A RIGHT ANGLE FROM MAIN TRACK CENTERLINE OF SAID BRANCH LINE RIGHT OF WAY & PORTION OF LOTS 19 THRU 24 IN BLOCK 6 OF SAID PLAT LYING WESTERLY OF LINE DRAWN CONCENTRIC WITH & 50 FEET EASTERLY AS MEASURED RADIALY FROM SAID MAIN TRACK CENTERLINE & PORTIONS OF LOTS 1 THRU 22, BLOCK 4, LOTS 1 THRU 22, BLOCK 5 & LOTS 11 THRU 22, BLOCK 3 OF SAID PLAT LYING EASTERLY OF A LINE DRAWN PARALLEL & CONCENTRIC WITH & 50 FEET WESTERLY AS MEASURED AT A RIGHT ANGLE & RADIALY FROM SAID MAIN TRACK CENTERLINE; & PORTIONS OF LOTS 1, 2 & 8, BLOCK 3 OF SAID PLAT LYING EASTERLY OF A LINE DRAWN PARALLEL & CONCENTRIC WITH & 50 FEET WESTERLY AS MEASURED AT A RIGHT ANGLE & RADIALY FROM SAID MAIN TRACK CENTERLINE; & PORTIONS OF LOTS 9, 10, 12, 13 & 16 THRU 22, BLOCK 2, OF SAID PLAT LYING EASTERLY OF A LINE DRAWN CONCENTRIC & PARALLEL WITH & 50 FEET WESTERLY AS MEASURED AT A RIGHT ANGLE & RADIALY FROM SAID MAIN TRACK CENTERLINE; & LOTS 1 THRU 41, BLOCK 14 OF SAID PLAT LESS PORTIONS OF SAID LOTS 26 THRU 41 LYING EASTERLY OF LINE DRAWN PARALLEL & CONCENTRIC WITH & 50 FEET EASTERLY AS MEASURED AT A RIGHT ANGLE & RADIALY FROM SAID MAIN TRACK CENTERLINE LESS PORTIONS OF SAID LOTS 9 THRU 11, LYING WESTERLY OF LINE DRAWN CONCENTRIC WITH & 25 FEET WESTERLY AS MEASURED RADIALY FROM SAID MAIN TRACK CENTERLINE LESS PORTIONS SAID OF LOTS 18 THRU 27 LYING WESTERLY OF LINE DRAWN CONCENTRIC WITH & 25 FEET WESTERLY AS MEASURED RADIALY FROM SAID MAIN TRACK CENTERLINE LESS PORTIONS OF SAID LOTS 28 & 29 DEEDED TO J & E HAYDEN UNDER REC NO 9212311137 LESS PORTIONS LOTS 24 & 25 LYING EASTERLY OF LINE DRAWN CONCENTRIC WITH & 25 FEET EASTERLY AS MEASURED RADIALY FROM SAID MAIN TRACK CENTERLINE; & PORTIONS LOTS 0 THRU 7 & LOTS 11 THRU 16 BLOCK 1 OF SAID PLAT LYING EASTERLY OF A LINE DRAWN PARALLEL & CONCENTRIC WITH & 50 FEET WESTERLY AS MEASURED AT A RIGHT ANGLE & RADIALY FROM SAID MAIN TRACK CENTERLINE; & PORTION IF ANY SAID RAILWAY CO'S BRANCH LINE RIGHT OF WAY LYING WESTERLY OF LOTS 1 THRU 68, BLOCK 9, LOTS 19 THRU 24 BLOCK 6, LOTS 1 THRU 41 BLOCK 14; & LYING EASTERLY OF LOTS 1 THRU 22, BLOCK 4, LOTS 1 THRU 22, BLOCK 5, LOTS 1 THRU 22, BLOCK 3, LOTS 1 THRU 22, BLOCK 2 & LOTS 0 THRU 20, BLOCK 1 OF SAID PLAT.

DETAIL AND SECTION DESIGNATION



CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

CITY OF SAMMAMISH STAMPS

REVISIONS	DATE	BY	DESIGNED
			R. MCCABE
			DRAWN R. MCCABE
			CHECKED R. PARKER
			APPROVED D. PROCTOR

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P21T03G-02
JOB No. 554-1521-075 P21T03
DATE FEBRUARY 2019



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PROJECT NAME

**KING COUNTY PARKS AND RECREATION
INGLEWOOD HILL ROAD
PARKING LOT - PHASE 1**

SAMMAMISH, WA

**ABBREVIATIONS AND LEGAL
DESCRIPTIONS**

SHEET NO.
2 OF 24

G2

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 21\T03.Dwg PLOTTED BY: mcccabrya DATE: Sunday, March 10, 2019 6:38:35 PM LAYOUT: G3

LEGEND

DESCRIPTION

PROPOSED

EXISTING

RIGHT OF WAY		
PROPERTY LINE		
FOUND MONUMENTS		
REBAR & CAP		
HUB & TACK		
PK NAIL		
FOUND MAG NAIL		
SET MAG NAIL		
PROPERTY CORNER		
STREAM BUFFER		
STREAM		
EDGE OF WATER		
WETLAND FLAG		
WETLAND BUFFER		
ORDINARY HIGH WATER MARK		
FLOODWAY BOUNDARY		
DITCH		
JURISDICTIONAL DITCH CENTERLINE & EDGES		
UNDERDRAIN PIPE		
TEMPORARY DRAIN PIPE		
STORM DRAIN		
CULVERT/STORM DRAIN PIPE		
QUARRY SPALL		
INFILTRATION TRENCH		
CATCH BASIN, TYPE 1		
CATCH BASIN, TYPE 2		
INLET PROTECTION		
SANITARY SEWER LINE		
SANITARY SEWER MANHOLE		
SANITARY SEWER VAULT		
CLEANOUT		
CONTOURS MAJOR		
CONTOURS MINOR		
HIGH VISIBILITY SILT FENCE		
HIGH VISIBILITY FENCE		
INTERCEPTOR SWALE		
CLEARING AND GRUBBING LIMITS		
CLEARING LIMITS		
FILL LINE		
CUT LINE		
SAWCUT		
ASPHALT EDGE		
CONCRETE LINE		
CURB AND GUTTER		
EDGE OF PATCH		

LEGEND

DESCRIPTION

PROPOSED

EXISTING

EDGE OF GRAVEL		
BARBWIRE FENCE		
SPLIT RAIL FENCE		
BOARD FENCE		
CHAIN LINK FENCE		
TEMPORARY CHAIN LINK FENCE		
HOG WIRE FENCE		
WOOD GUARDRAIL		
METAL HANDRAIL		
GUY ANCHOR		
POWER POLE WITH LIGHT		
FLOOD LIGHT		
UTILITY POLE		
PP W/ UG DROP		
PP W/ UG DROP & XMFR		
OVERHEAD POWER		
POWER		
POWER VAULT		
POWER TRANSFORMER		
POWER MANHOLE		
POWER HANDHOLE		
POWER CABINET		
POWER RISER		
POWER METER		
SOLID LID J-BOX		
LUMINAIRE		
TELEPHONE VAULT		
TELEPHONE RISER		
TELEPHONE MANHOLE		
TELEPHONE		
TV RISER		
TV		
GAS VALVE		
GAS METER		
GAS		
WATER LINE		
FIRE HYDRANT		
WATER METER		
WATER VALVE		
AREA DRAIN		
ROOF DRAIN		
WATER BLOW OFF VALVE		
WATER POST INDICATOR		
SPRINKLER HEAD ROT=90		

LEGEND

DESCRIPTION

PROPOSED

EXISTING

IRRIGATION CONTROL VALVE		
FLOW DIRECTION		
TRAFFIC SIGNAL POLE W/ LAMP		
TRAFFIC SIGNAL POLE		
TRAFFIC CONTROL LOOP (SQ)		
TRAFFIC CONTROL CABINET		
PEDESTRIAN POLE		
MONITORING WELL		
SURFACE POST		
SIGN		
SKIP LANE LINE		
SOLID LANE LINE		
FOG LINE		
LTO ARROW		
STO ARROW		
RTO ARROW		
MAILBOX		
DECIDUOUS TREE		
CONIFEROUS TREE		
WETLAND SYMBOL		
WETLAND BOUNDARY		
VEGETATION		
STRUCTURAL EARTH WALL		
RIP RAP		
ROCKERY		
HANDICAPPED SYMBOL		
WHEELCHAIR RAMP		
BUILDING LINE		
CONCRETE STAIR LINE		
WOOD STAIRWAY		
REMOVE ASPHALT		
PATTERNED CONCRETE INTERSECTION		
RAMP DETECTABLE WARNING		
RESTORATION PLANTING AREA		
SANDBAG DAM		
CHECK DAM		
WATTLE CHECK DAM		
FORMER RAILROAD CENTERLINE		
CONSTRUCTION CENTERLINE		

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

CITY OF SAMMAMISH STAMPS

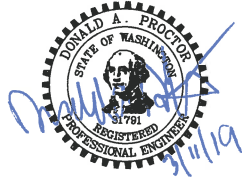
REVISIONS	DATE	BY	DESIGNED
			R. MCCABE
			DRAWN
			R. MCCABE
			CHECKED
			R. PARKER
			APPROVED
			D. PROCTOR

ONE INCH AT FULL SCALE.
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FILE NAME
BL1521075P21T03G-03

JOB No.
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DATE
FEBRUARY 2019



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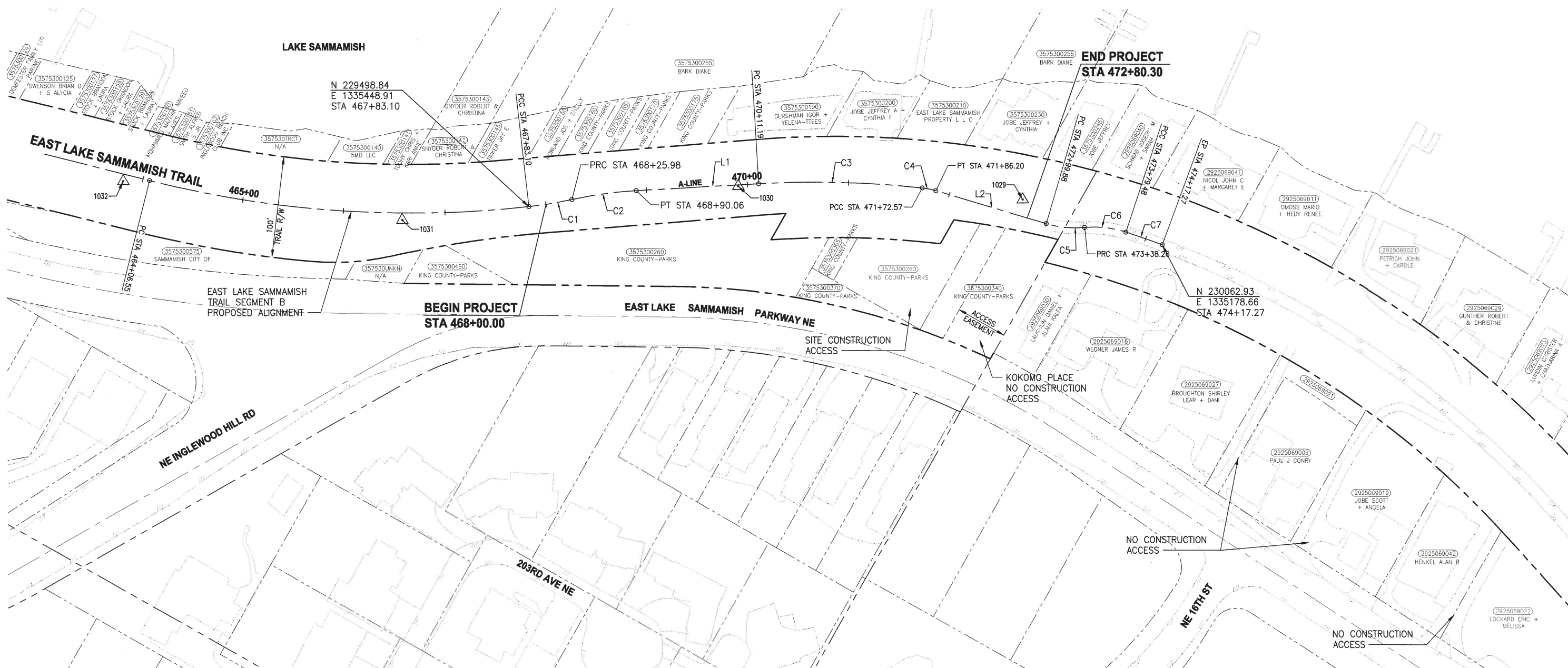
PROJECT NAME
**KING COUNTY PARKS AND RECREATION
INGLEWOOD HILL ROAD
PARKING LOT - PHASE 1
SAMMAMISH, WA**

**GENERAL SYMBOL AND
LINETYPE LEGEND**

SHEET NO.
3 OF 24

G3

PATH: U:\950\Projects\Clients\1521-KingCo\1521-075-ELST\955\CAAD\Phase 2\1521\1521.dwg
LAYOUT: G4
PLOT BY: micobrya DATE: Sunday, March 10, 2019 6:39:13 PM



CONTROL POINT TABLE				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1029	229921.05	1335206.44	47.06	REBAR & CAP
1030	229669.58	1335331.02	46.27	REBAR & CAP
1031	229395.84	1335521.28	46.14	REBAR & CAP
1032	229137.35	1335620.66	46.49	REBAR & CAP

SURVEY NOTES:

- HORIZONTAL DATUM: NAD83 (CORS).
- RTK CORRECTIONS OBTAINED FROM NGS CORS ID POINT "SEAT" ON OCTOBER 3, 2007.
- VERTICAL DATUM: NAVD88.
- WSDOT SITE BENCHMARKS HELD FOR THIS SURVEY ARE NOS. 2355, 6762, 6294, AND 617.
- METHODOLOGY: FIELD MEASUREMENTS FOR THIS SURVEY WERE PERFORMED USING TRIMBLE 5800 RTK WITH CELL PHONE AND LIECA 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.
- THE RIGHT-OF-WAY DIMENSIONS SHOWN WERE PROVIDED BY KING COUNTY SURVEY AND DO NOT REPRESENT A BOUNDARY SURVEY PERFORMED BY PARAMETRIX.

SEE DWG G5 FOR
TRAIL CONSTRUCTION
ACCESS LOCATIONS



ALIGNMENT DATA TABLE:

A-LINE				
Number	Radius	Length	Line/Chord Direction	A Value
C1	400.00	42.87	N38° 23' 51.31"W	
C2	400.00	64.08	N36° 52' 42.20"W	
L1		121.13	N32° 17' 19.15"W	
C3	980.00	161.38	N27° 34' 15.49"W	
C4	75.00	13.63	N17° 38' 46.67"W	
L2		113.67	N12° 26' 21.51"W	
C5	100.00	38.38	N23° 26' 07.44"W	
C6	100.00	41.22	N22° 37' 19.16"W	
C7	980.00	37.79	N9° 42' 28.24"W	

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

CITY OF SAMMAMISH STAMPS

REVISIONS	DATE	BY	DESIGNED
			D. THIBODEAU
			B. PURGANAN
			R. PARKER
			D. PROCTOR

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY
FILE NAME: BL1521075P21T03G-04
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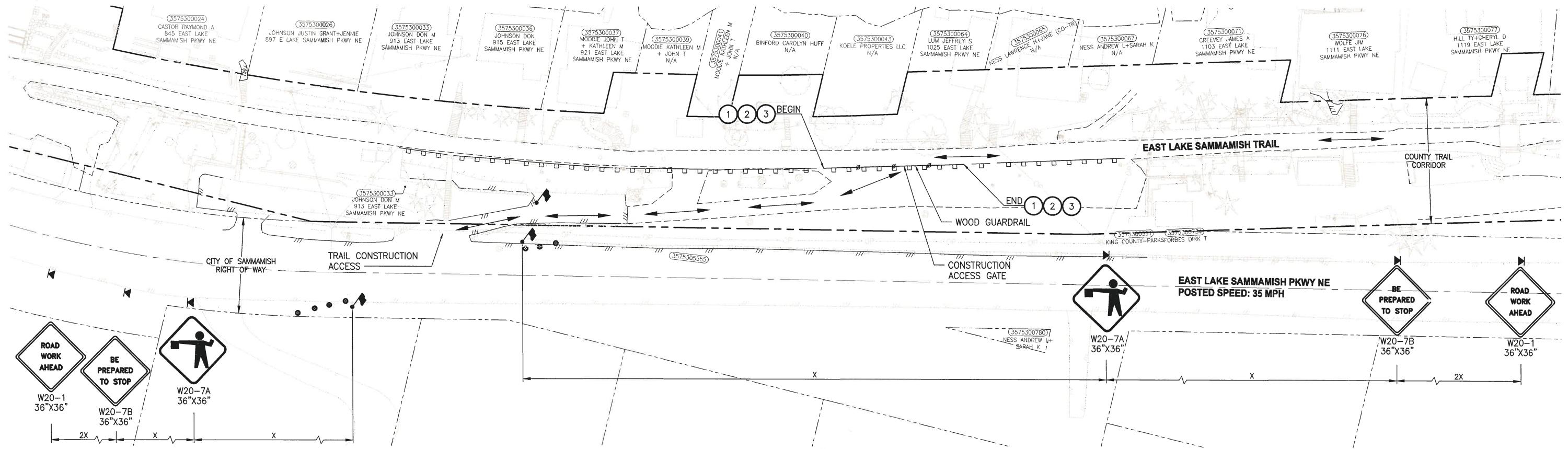
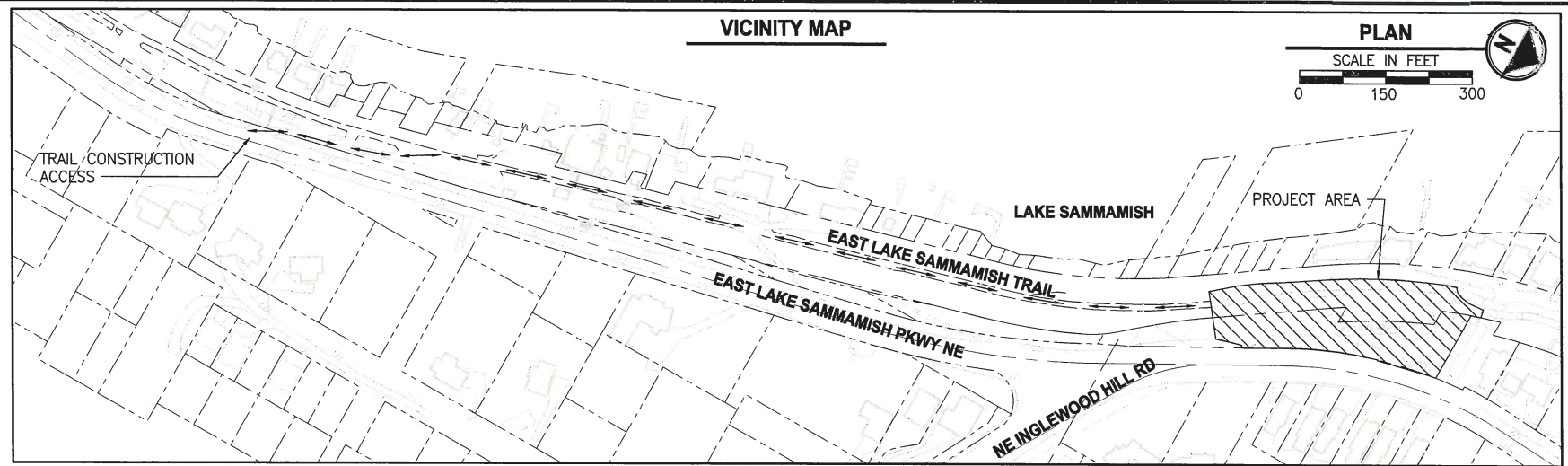
PROJECT NAME
**KING COUNTY PARKS AND RECREATION
INGLEWOOD HILL ROAD
PARKING LOT - PHASE 1**
SAMMAMISH, WA

**SURVEY CONTROL, ALIGNMENT
AND ACCESS PLAN**

SHEET NO.
4 OF 24
G4

GENERAL NOTES:

1. TRAIL SPEED LIMIT: 5MPH
2. SEE SPECIAL PROVISIONS FOR WOOD GUARD RAIL SALVAGE REQUIREMENTS.
3. PERFORM PAVEMENT RESTORATION AT END OF CONSTRUCTION AS DIRECTED BY PROJECT REPRESENTATIVE.
4. CONFIRM EXACT LIMITS OF WOOD GUARDRAIL REMOVAL WITH PROJECT REPRESENTATIVE PRIOR TO PREPARATION WORK.

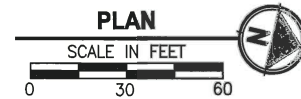


ACCESS CONSTRUCTION NOTES:

1. REMOVE WOOD GUARDRAIL PRIOR TO CONSTRUCTION (SEE GENERAL NOTE 4)
2. PLACE PRECAST CONCRETE BARRIER TYPE 2 (PER WSDOT STANDARD PLAN C-8) AT END OF CONSTRUCTION
3. TEMPORARY CHAIN LINK SECURITY FENCE AND GATE

LEGEND:

- FLAGGING STATION
- TEMPORARY SIGN LOCATION
- CHANNELIZING DEVICES



CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
25/30	20	40

SIGN SPACING = X (1)		
RURAL HIGHWAYS	60/65 MPH	800'±
RURAL ROADS	45/55 MPH	500'±
RURAL ROADS & URBAN ARTERIALS	35/40 MPH	350'±
RURAL ROADS & URBAN ARTERIALS RESIDENTIAL & BUSINESS DISTRICTS	25/30 MPH	200'± (2)
URBAN STREETS	25 MPH OR LESS	100'± (2)
(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMP, AT-GRADE INTERSECTIONS AND DRIVEWAYS.		
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.		

CITY OF SAMMAMISH APPROVAL

City Engineer	Date
Community Development	Date

CITY OF SAMMAMISH STAMPS

PATH: U:\P50\Projects\Clients\1521-KingCo\1521-075-ELST\98\Set\CAD\Phase 21\T03.Dwg PLOTTED BY: mccabrya DATE: Monday, March 11, 2019 12:38:15 PM LAYOUT: G5

REVISIONS	DATE	BY	DESIGNED
			R. MCCABE
			DRAWN
			R. MCCABE
			CHECKED
			R. PARKER
			APPROVED
			D. PROCTOR

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FILE NAME
BL1521075P21T03G-05

JOB No.
554-1521-075 P21T03

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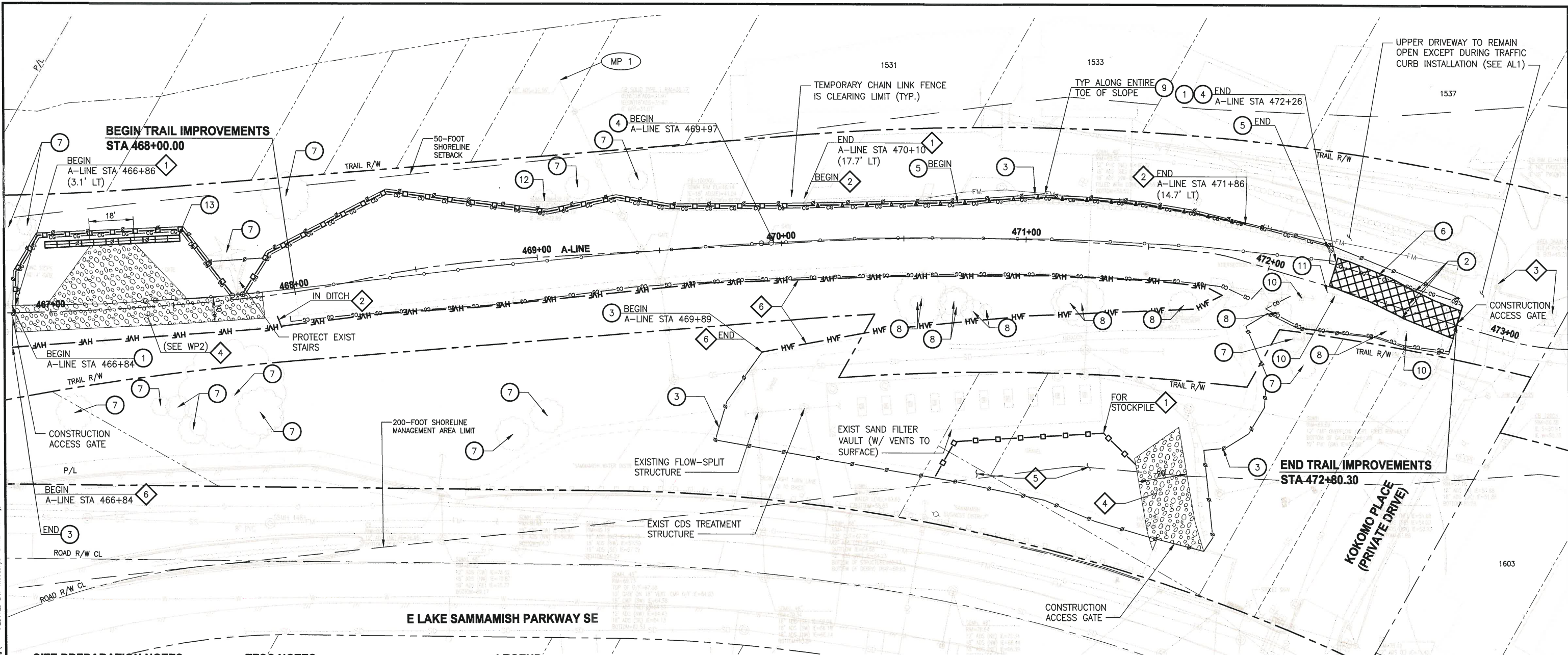
PROJECT NAME
**KING COUNTY PARKS AND RECREATION
INGLEWOOD HILL ROAD
PARKING LOT - PHASE 1**
SAMMAMISH, WA

CONSTRUCTION ACCESS

SHEET NO.
5 OF 24

G5

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DATE: Monday, March 11, 2019 12:38:55 PM
PLOT BY: mccabry
LAYOUT: SP1



SITE PREPARATION NOTES:

- 1 REMOVE CHAIN LINK FENCE AND GATES (SALVAGE FABRIC AND TOP RAIL TO COUNTY)
- 2 REMOVE BOLLARDS
- 3 INSTALL TEMPORARY CHAIN LINK SECURITY FENCE W/ GATES
- 4 REMOVE WOOD BOARD FENCE
- 5 REMOVE AND SALVAGE ROCK WALL TO COUNTY
- 6 REMOVE EXISTING ASPHALT
- 7 EXISTING TREE TO REMAIN (DO NOT DISTURB)
- 8 REMOVE EXISTING TREE
- 9 LOCATE AND PROTECT EXIST SANITARY SEWER AND WATER SERVICES (APPROXIMATE LOCATION SHOWN)
- 10 RELOCATE EXISTING SIGN (SEE SITE IMPROVEMENTS PLAN)
- 11 REMOVE CONCRETE PAD AND TRASH RECEPTACLE
- 12 PRESERVE AND MONITOR EXISTING TREE DURING CONSTRUCTION
- 13 CONSTRUCT TEMPORARY TURNAROUND WITH GRAVITY BLOCK WALL (SEE GENERAL NOTE 6)

TESC NOTES:

- 1 HIGH VISIBILITY SILT FENCE PER DETAIL 3, DWG TD1
- 2 WATTLES, PER DETAIL 4, DWG TD1
- 3 STORM DRAIN INLET PROTECTION, PER DETAIL 1, DWG TD1
- 4 STABILIZED CONSTRUCTION ENTRANCE, PER DETAIL 2, DWG TD1
- 5 STAGING AND STOCKPILING AREA (ADJUSTED BY CONTRACTOR AS NEEDED)
- 6 HIGH VISIBILITY FENCE PER DETAIL 1, DWG TD2

LEGEND:

- | | | |
|--|-----|--|
| | HVF | HIGH VISIBILITY FENCE |
| | | HIGH VISIBILITY SILT FENCE |
| | | WATTLES (ON HMA) |
| | | TEMPORARY CHAIN LINK SECURITY FENCE |
| | | EXIST GUARDRAIL |
| | | EXIST CHAIN LINK FENCE |
| | | CLEARING AND GRUBBING |
| | | REMOVE EXISTING HMA SURFACE |
| | | STABILIZED CONSTRUCTION ENTRANCE |
| | | NPDES CONSTRUCTION STORMWATER DISCHARGE MONITORING POINT |

TOTAL TREE	SAVE	REMOVE*	MONITOR
28	16	11	1

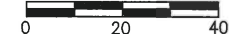
* TOTAL TREES PROPOSED TO BE REMOVED USING ARBORIST PROTECTION RECOMMENDATIONS.

GENERAL NOTES:

- SEE DRAINAGE PLANS FOR ADJUSTMENTS TO THE EXISTING DRAINAGE SYSTEM.
- SEE SIGNING PLAN FOR SIGN REMOVALS AND ADJUSTMENTS.
- PROTECT ALL EXISTING STRUCTURES NOT DESIGNATED FOR REMOVAL OR ADJUSTMENT.
- SALVAGED ROCK WILL BE STORED ONSITE AS DIRECTED BY KING COUNTY PROJECT REPRESENTATIVE.
- SEE DWG G5 FOR ADDITIONAL SITE PREPARATION REQUIREMENTS.
- CONSTRUCT TEMPORARY TURNAROUND TO ACCOMMODATE TRUCK TRAVEL DURING CONSTRUCTION. SEE DETAILS AND GRADING ON DWG WP2. REMOVE WALL AND FILL AND RESTORE AREA AT END OF CONSTRUCTION.

PLAN

SCALE IN FEET



CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

CITY OF SAMMAMISH STAMPS



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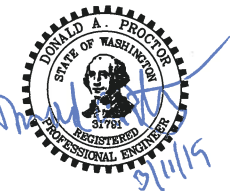
REVISIONS	DATE	BY	DESIGNED
			R. MCCABE
			R. MCCABE
			R. PARKER
			D. PROCTOR

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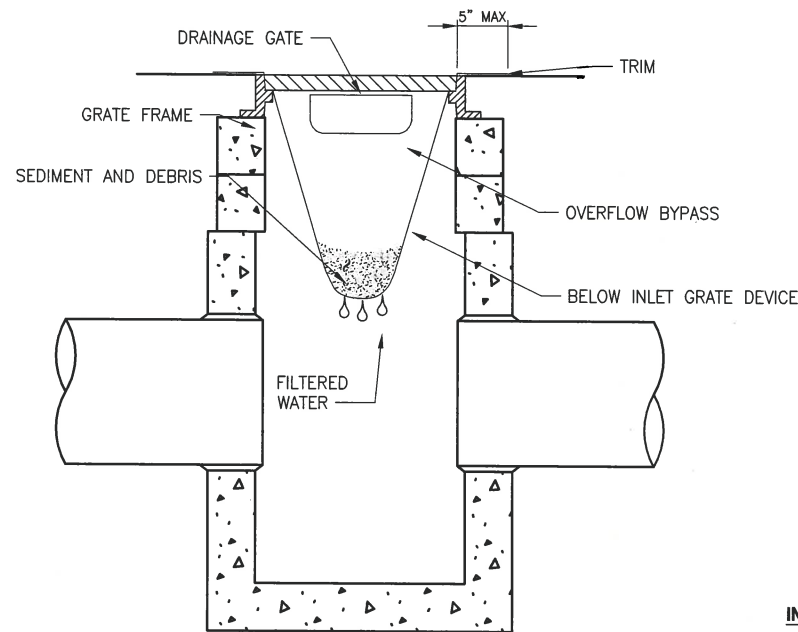
PROJECT NAME
**KING COUNTY PARKS AND RECREATION
INGLEWOOD HILL ROAD
PARKING LOT - PHASE 1
SAMMAMISH, WA**

**EROSION CONTROL AND
SITE PREPARATION PLAN**

SHEET NO.
6 OF 24

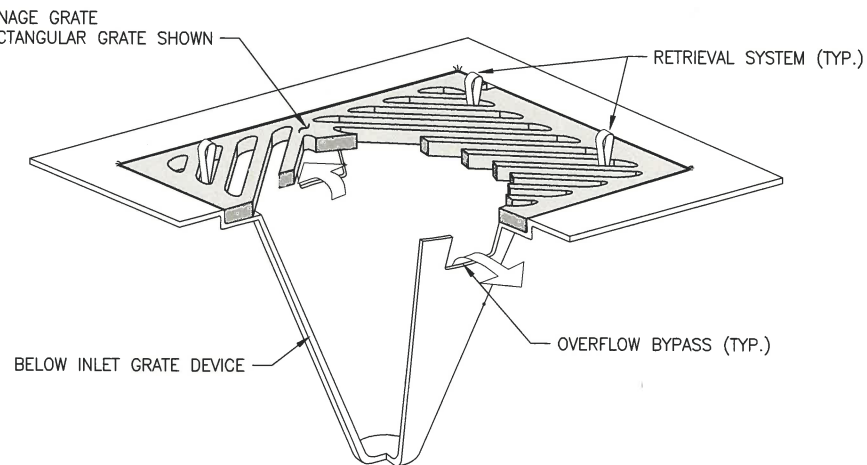
SP1

PA TH: U:\PSO\Projects\Clients\1521-KingCo\354-1521-075-EL3\955vea\CADD\Phase 21\103.Dwg) PLOTTED BY: mcccabye DATE: Sunday, March 10, 2019 6:40:52 PM LAYOUT: TD1

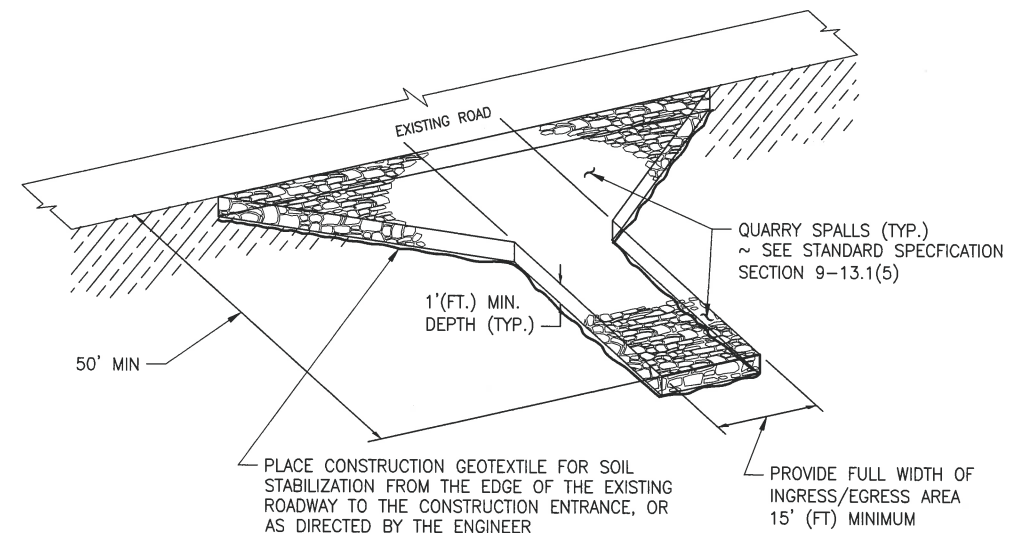


**INLET PROTECTION
DETAIL**

NO SCALE



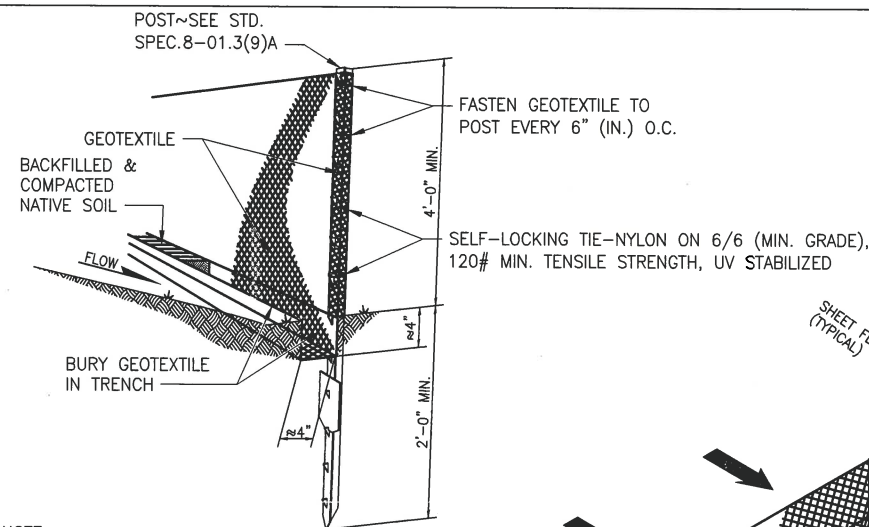
1. SIZE THE BELOW INLET GRATE DEVICE (BIGD) FOR THE STORM WATER STRUCTURE IT WILL SERVICE.
2. THE BIGD SHALL HAVE A BUILT-IN HIGH-FLOW RELIEF SYSTEM (OVERFLOW BYPASS).
3. THE RETRIEVAL SYSTEM MUST ALLOW REMOVAL OF THE BIGD WITHOUT SPILLING THE COLLECTED MATERIAL.
4. PERFORM MAINTENANCE IN ACCORDANCE WITH STANDARD SPECIFICATION 8-01.3(15).
5. FOR NON-STANDARD INLETS, CONTRACTOR WILL FASHION A GEOTEXTILE SILT SOCK TO PROVIDE INLET PROTECTION.



**STABILIZED CONSTRUCTION
ENTRANCE
DETAIL**

NO SCALE

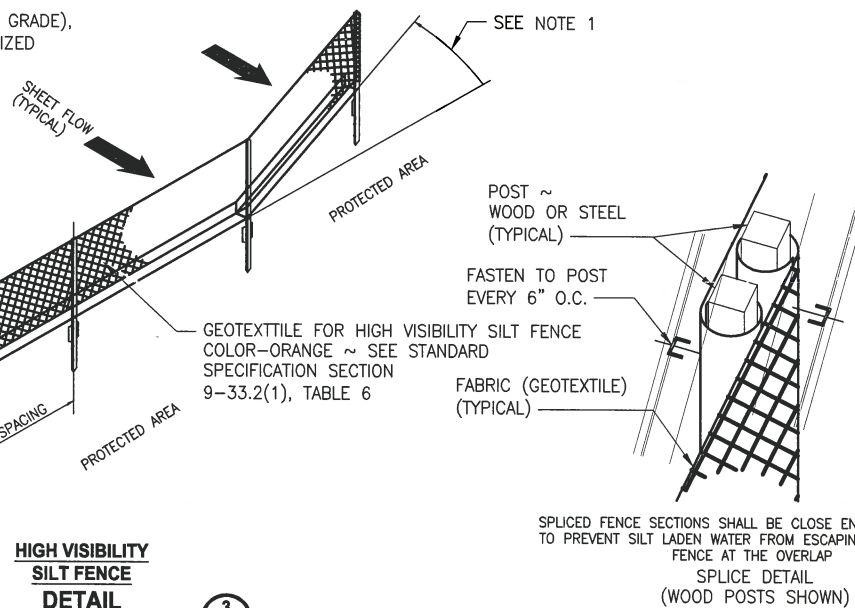
- NOTE:
1. SEE PLAN FOR LAYOUT. ADJUST ACTUAL LOCATION AND LAYOUT AS DIRECTED BY ENGINEER.



**HIGH VISIBILITY
SILT FENCE
DETAIL**

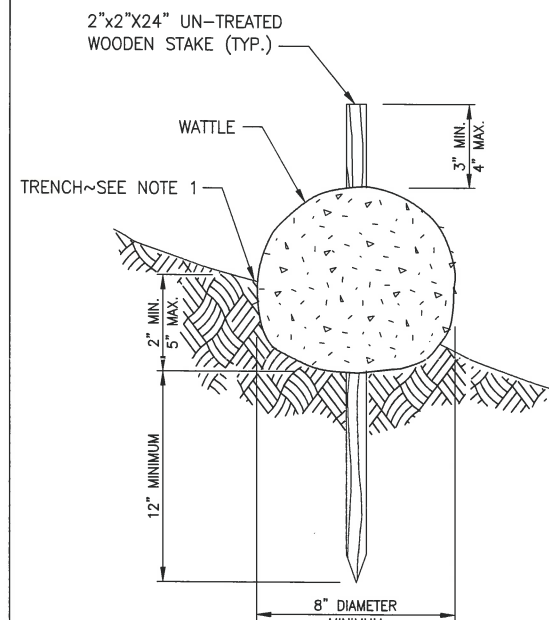
NO SCALE

- NOTES
1. INSTALL THE ENDS OF THE SILT FENCE TO POINT SLIGHTLY UPSLOPE TO PREVENT SEDIMENT FROM FLOWING AROUND THE ENDS OF THE FENCE.
 2. PERFORM MAINTENANCE IN ACCORDANCE WITH STANDARD SPECIFICATIONS 8-01.3(9)A AND 8-01.3(15).
 3. SPLICES SHALL NEVER BE PLACED IN LOW SPOTS OR SUMP LOCATIONS. IF SPLICES ARE LOCATED IN LOW OR SUMP AREAS, THE FENCE MAY NEED TO BE REINSTALLED UNLESS THE PROJECT ENGINEER APPROVES THE INSTALLATION.
 4. INSTALL SLIT FENCING PARALLEL TO MAPPED CONTOUR LINES.



SPLICED FENCE SECTIONS SHALL BE CLOSE ENOUGH TOGETHER TO PREVENT SILT LADEN WATER FROM ESCAPING THROUGH THE FENCE AT THE OVERLAP

SPLICE DETAIL
(WOOD POSTS SHOWN)



**WATTLE
DETAIL**

NO SCALE

- NOTES
1. WATTLES SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATION 9-14.5(5). INSTALL WATTLES ALONG CONTOURS. INSTALLATION SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATION 8-01.3(10).
 2. SECURELY KNOT EACH END OF WATTLE. OVERLAP ADJACENT WATTLE ENDS 12" BEHIND ONE ANOTHER AND SECURELY TIE TOGETHER.
 3. COMPACT EXCAVATED SOIL AND TRENCHES TO PREVENT UNDERCUTTING. ADDITIONAL STAKING MAY BE NECESSARY TO PREVENT UNDERCUTTING.
 4. INSTALL WATTLE PERPENDICULAR TO FLOW ALONG CONTOURS.
 5. WATTLES SHALL BE INSPECTED REGULARLY, AND IMMEDIATELY AFTER A RAINFALL PRODUCES RUNOFF, TO ENSURE THEY REMAIN THOROUGHLY ENTRENCHED AND IN CONTACT WITH THE SOIL.
 6. PERFORM MAINTENANCE IN ACCORDANCE WITH STANDARD SPECIFICATION 8-01.3(15).
 7. REFER TO STANDARD SPECIFICATION 8-01.3(16) FOR REMOVAL.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

CITY OF SAMMAMISH STAMPS

REVISIONS	DATE	BY	DESIGNED
			R. MCCABE
			R. MCCABE
			R. PARKER
			D. PROCTOR

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FILE NAME
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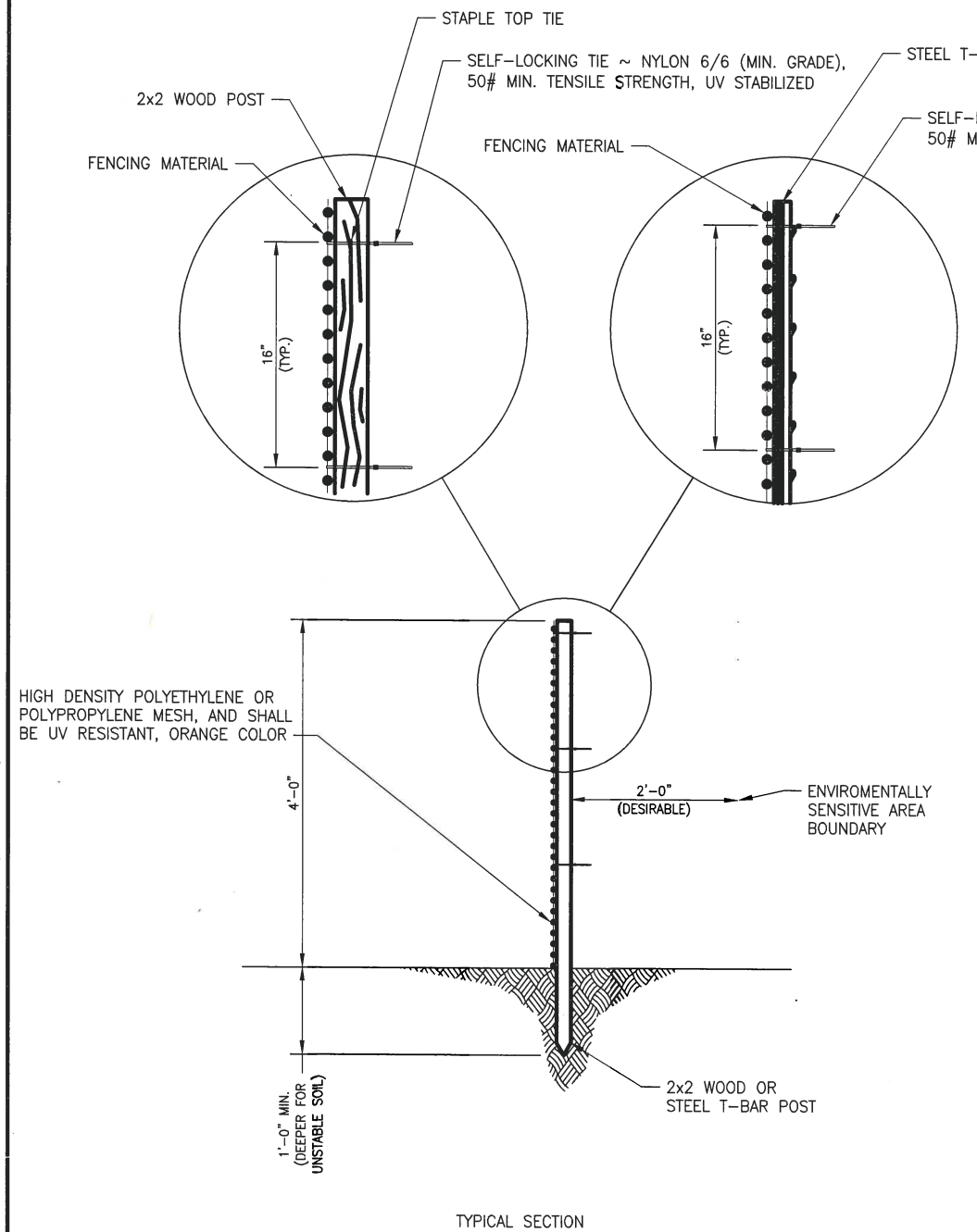
PROJECT NAME
**KING COUNTY PARKS AND RECREATION
INGLEWOOD HILL ROAD
PARKING LOT - PHASE 1**
SAMMAMISH, WA

EROSION CONTROL DETAILS

SHEET NO.
7 OF 24

TD1

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LAYOUT: TD2

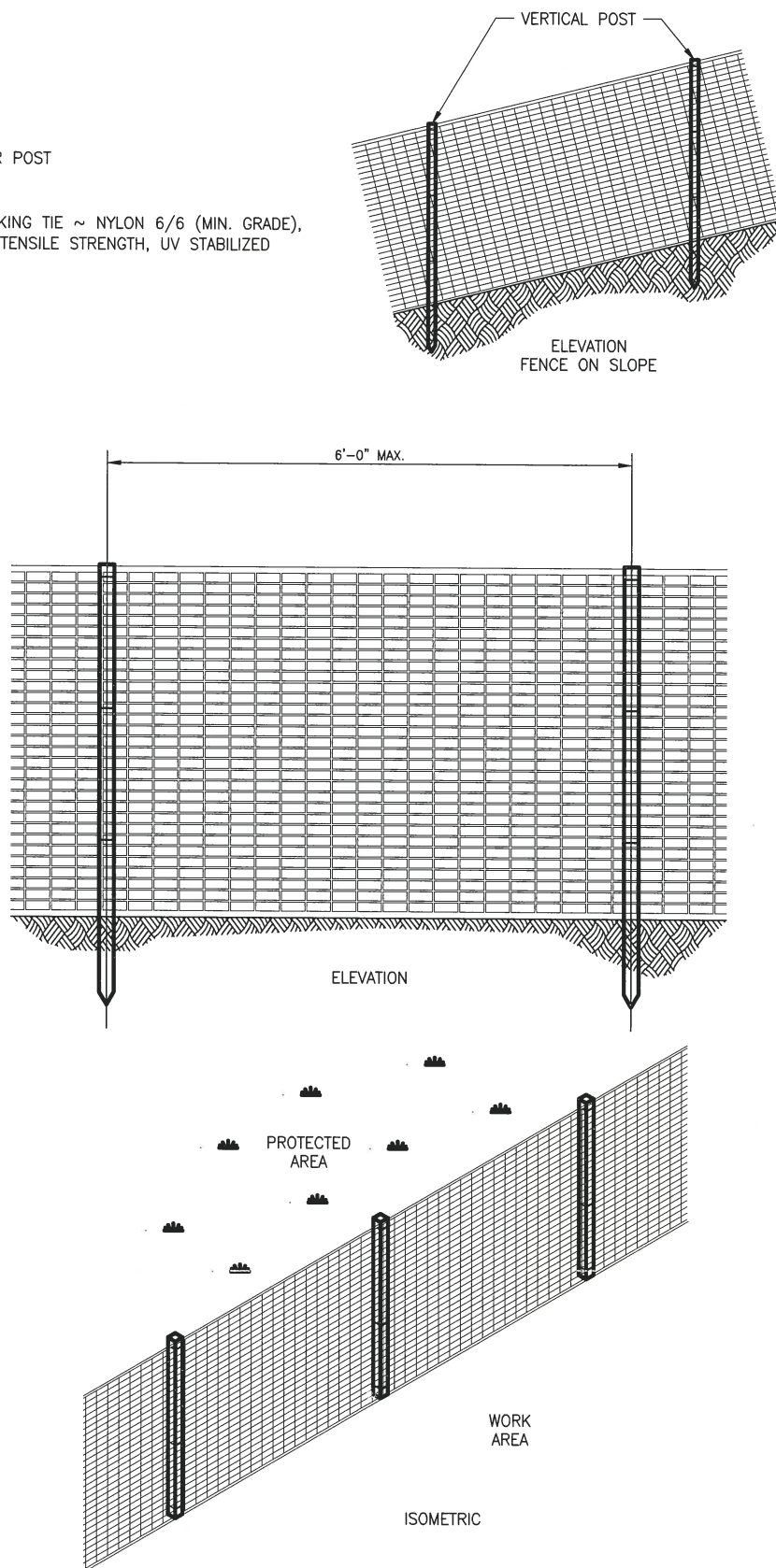


NOTE
1. POST SHALL HAVE SUFFICIENT STRENGTH AND DURABILITY TO SUPPORT THE FENCE THROUGH THE LIFE OF THE PROJECT.

HIGH VISIBILITY
FENCE
DETAIL

NO SCALE

1



CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

CITY OF SAMMAMISH STAMPS

REVISIONS	DATE	BY	DESIGNED
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			DRAWN
			R. MCCABE
			CHECKED
			R. PARKER
			APPROVED
			D. PROCTOR

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PROJECT NAME
**KING COUNTY PARKS AND RECREATION
INGLEWOOD HILL ROAD
PARKING LOT - PHASE 1
SAMMAMISH, WA**

EROSION CONTROL DETAILS

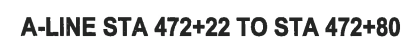
SHEET NO.
8 OF 24

TD2

1. STRUCTURAL RETAINING WALL (SEW) SHALL BE SEGMENTAL CONCRETE BLOCK WITH GEGRID REINFORCEMENT. SECTIONS SHOWN ON THIS SHEET ARE CONCEPTUAL ONLY. ACTUAL SECTIONS AND WORK SHALL BE PER CONTRACTOR'S DESIGN FOR THEIR SELECTED WALL MANUFACTURER BUT SHALL MEET THE DIMENSIONAL AND SLOPE REQUIREMENTS AS SHOWN.
2. CONTRACTOR SHALL PROVIDE SEW WORKING DRAWINGS AND ENGINEERING CALCULATIONS AND SHALL OBTAIN CITY OF SAMMAMISH BUILDING PERMITS FOR THE SEW RETAINING WALL.
3. EXCAVATION TO WALL SUBGRADE SHALL BE PAID FOR UNDER THE BID ITEM "ROADWAY EXCAVATION INCL. HAUL".
4. FENCE POSTS SHALL BE EMBEDDED MINIMUM 24-INCHES AND SHALL BE PLACED WITHIN THE WALL ACCORDING TO THE WALL MANUFACTURERS REQUIREMENTS AND GUIDELINES.
5. ALL DEPTHS SHOWN ARE IN PLACE AFTER COMPACTION.
6. UNDERDRAIN CLEANOUT LIDS SHALL BE INSTALLED ALONG THE BACK OF WALL BLOCK AND SHALL NOT BE IN THE TRAIL HMA PAVEMENT.

- 1 HMA CL. 3/8" PG 64-22
- 2 5/8-INCH MINUS CRUSHED LEDGE ROCK
- 3 STRUCTURAL EARTH WALL (SEE DWG WP1 FOR LOCATION, WALL PLAN AND PROFILE)
- 4 GRAVEL BORROW FOR STRUCTURAL EARTH WALL INCL HAUL
- 5 4-FOOT HEIGHT COATED CHAIN LINK FENCE WITH TOP RAIL
- 6 CRUSHED SURFACING BASE COURSE
- 7 UNDERDRAIN PIPE 6-INCH DIAMETER (SEE DWG DR1 FOR OUTFALLS AND LOCATION)
- 8 3/4-INCH CLEAN CRUSHED ROCK
- 9 UNDERDRAIN CLEANOUT (SEE DWGS DR1 AND WP1 FOR LOCATIONS)

10	GRAVEL BACKFILL FOR DRAINS
11	CONSTRUCTION GEOTEXTILE FOR UNDERGROUND DRAINAGE
12	NATIVE SOIL
13	TOPSOIL TYPE A (STA 469+45 TO STA 472+00 ONLY)

CITY OF SAMMAMISH STAMPS

▽	REVISIONS	DATE	BY	DESIGNED R. MCCABE
				DRAWN R. MCCABE
				CHECKED R. PARKER
				APPROVED D. BROCTOR

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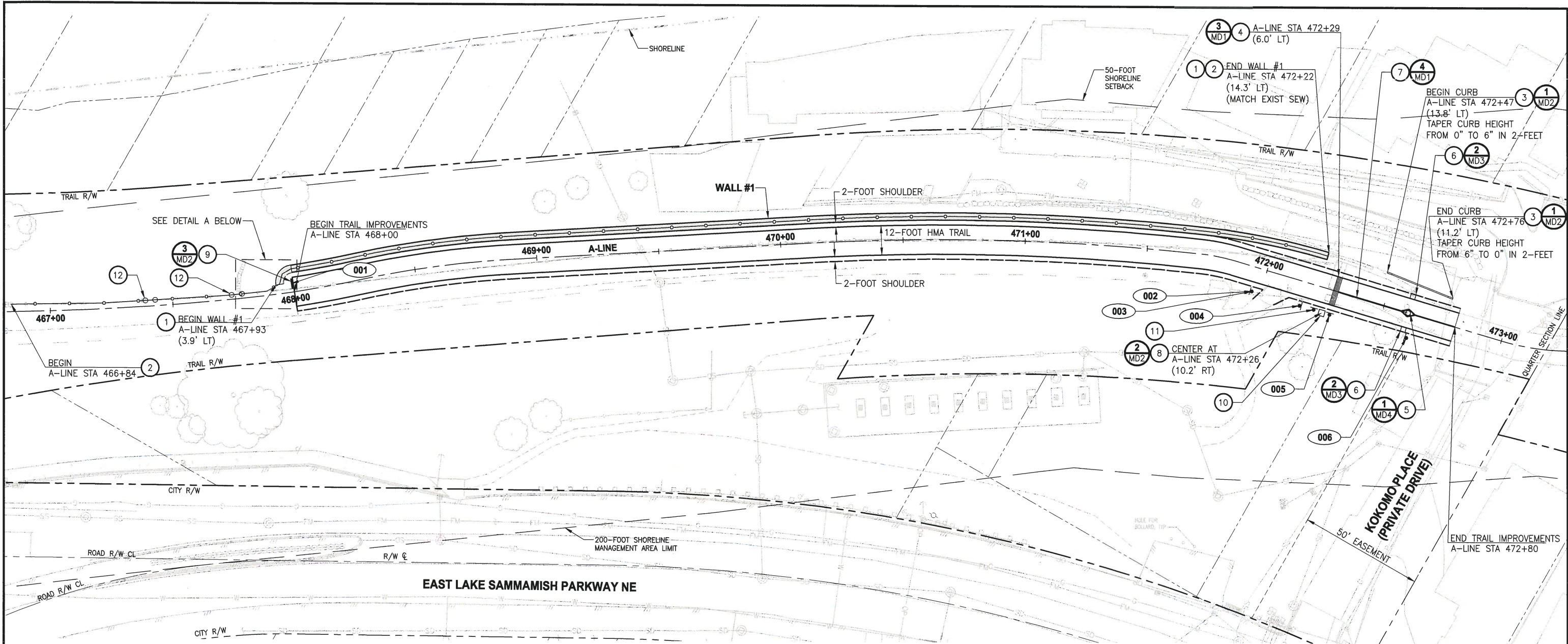
PROJECT NAME
**KING COUNTY PARKS AND RECREATION
INGLEWOOD HILL ROAD
PARKING LOT - PHASE 1**
SAMMAMISH, WA

TYPICAL TRAIL SECTIONS

SHEET NO.
9 OF 24

CS1

PATH: U:\PSO\Projects\1521-KingCo\554-1521-075-ELST\995\Drawings\Phase 21\T03.Dwg
LAYOUT: AL1
PLOTED BY: mcdobyra DATE: Sunday, March 10, 2019 6:42:33 PM



CONSTRUCTION NOTES:

- 1 STRUCTURAL EARTH WALL (SEE DWG CS1 AND WP1)
- 2 4-FOOT HEIGHT COATED CHAIN LINK FENCE WITH TOP RAIL (SEE DETAIL 1, DWG MD3)
- 3 CEMENT CONCRETE TRAFFIC CURB
- 4 CONCRETE WARNING BAND
- 5 REMOVABLE BOLLARD
- 6 FIXED BOLLARD
- 7 BOLLARD STRIPING
- 8 CONCRETE PAD FOR TRASH RECEPTACLE
- 9 4' WIDE TYPE III BARRICADE
- 10 TRASH RECEPTACLE (SEE SPECIAL PROVISION SECTION 8-19)
- 11 PET WASTE STATION (SEE SPECIAL PROVISION SECTION 8-19)
- 12 REMOVE AND SALVAGE GATE

GENERAL NOTES:

- 1. SEE TYPICAL TRAIL CROSS SECTIONS IN CS1.
- 2. SEE LA1 FOR LANDSCAPE RESTORATION AND TREE PLANTING.

LEGEND:

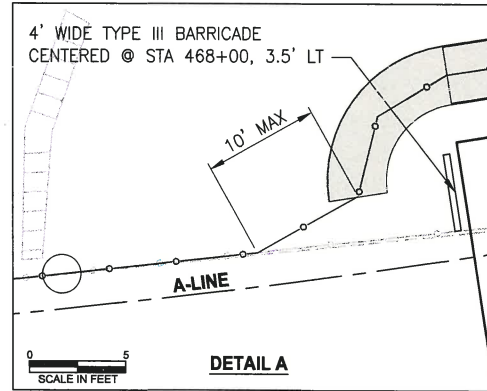
- RETAINING WALL
- COATED CHAIN LINK FENCE WITH TOP RAIL
- X SIGN, SEE SIGN SCHEDULE ON THIS SHEET.



Know what's below.
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SIGN SCHEDULE

SIGN NUMBER	LOCATION			DESCRIPTION	MUTCD SIGN	SIGN SIZE	POST SIZE/TYPE	REMARK
	ALIGNMENT	STATION	OFFSET					
001	A-LINE	468+73	10.0' RT	ARROW WARNING	W1-6L	24" X 12"	N/A	MOUNT ON TYPE III BARRICADE
002	A-LINE	471+96	10.0' RT	TRAIL EXIT	R5-90R	12" X 18"	4" X 4", WOOD	NEW SIGN, NEW POST
003	A-LINE	471+96	10.0' RT	INTERSECTION WARNING SYMBOL	W2-1	18" X 18"	N/A	EXIST SIGN RELOCATED, SAME POST AS 002
004	A-LINE	472+17	10.0' RT	TRAIL EXIT	R5-90L	12" X 18"	4" X 4", WOOD	NEW SIGN, NEW POST
005	A-LINE	472+30	10.0' RT	PET/TRAIL RULES	CUSTOM	12" X 18"	2.5" X 2.5" 12-GAGE STEEL TUBE	EXIST SIGN RELOCATED, NEW POST
006	A-LINE	472+62	10.0' RT	SPEED LIMIT 15	R2-1	12" X 18"	4" X 4", WOOD	EXIST SIGN RELOCATED, NEW POST



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

REVISIONS	DATE	BY	DESIGNED
			R. MCCABE
			R. MCCABE
			R. PARKER
			D. PROCTOR

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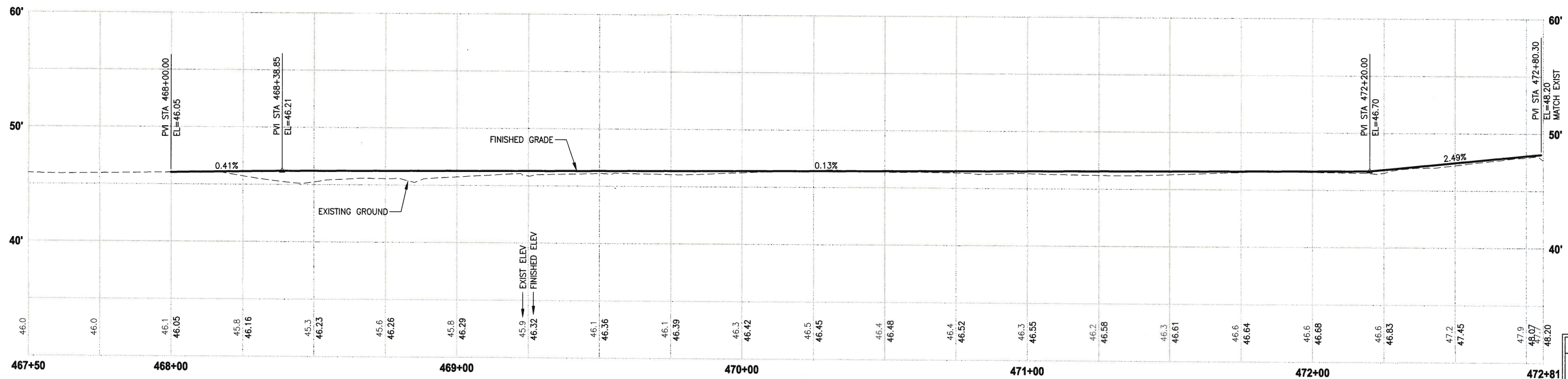
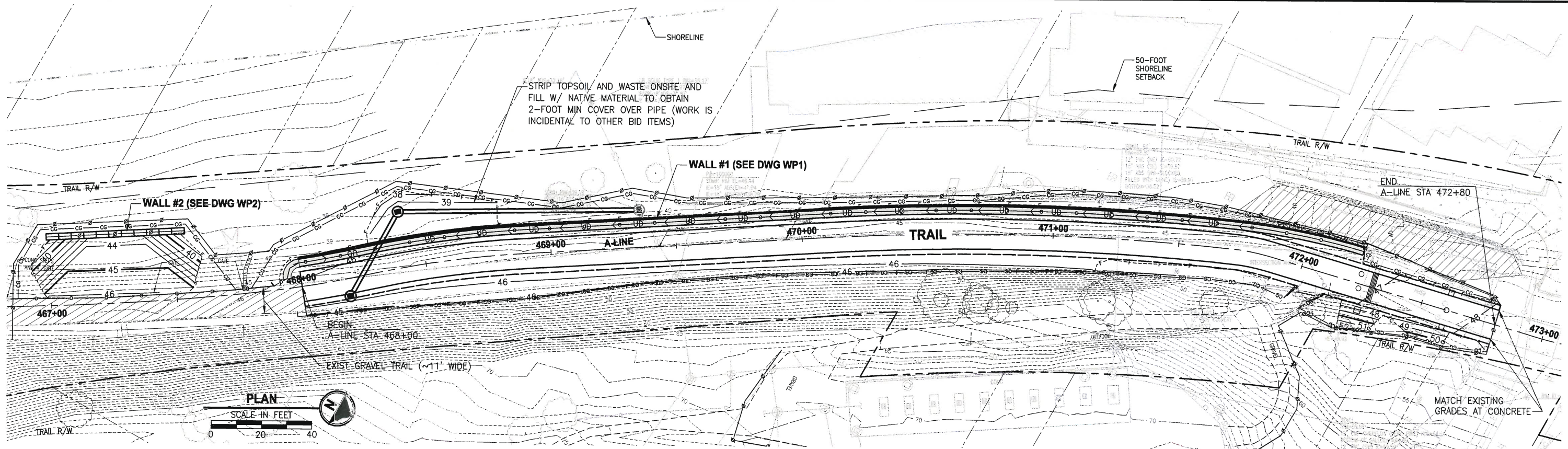
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PROJECT NAME
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INGLEWOOD HILL ROAD
PARKING LOT - PHASE 1**
SAMMAMISH, WA

SITE IMPROVEMENTS PLAN

SHEET NO.
10 OF 24
AL1

PATH: U:\PSO\Projects\Clients\1521-KingCo\1521-075-ELS\1521-075\995vce\CADD\Phase 2\103\DWG\ GR1
LAYOUT: GR1
PLOT BY: mcabrya DATE: Sunday, March 10, 2019 6:44:15 PM



A-LINE PROFILE

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

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Community Development	Date

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PROJECT NAME

**KING COUNTY PARKS AND RECREATION
INGLEWOOD HILL ROAD
PARKING LOT - PHASE 1**

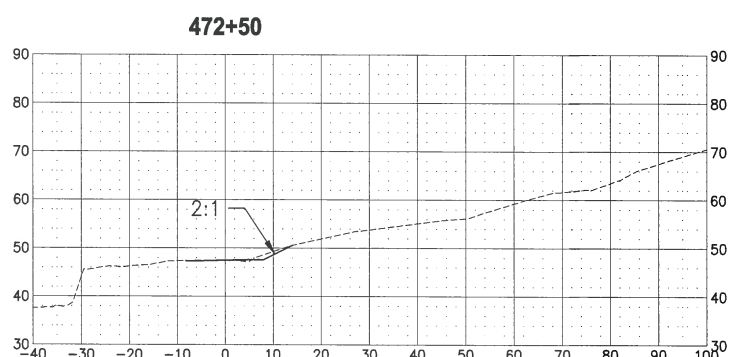
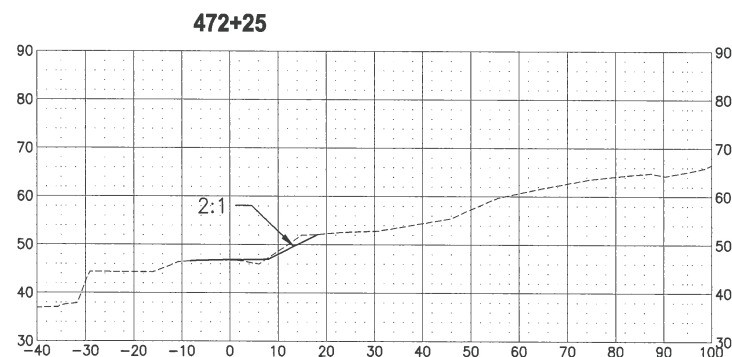
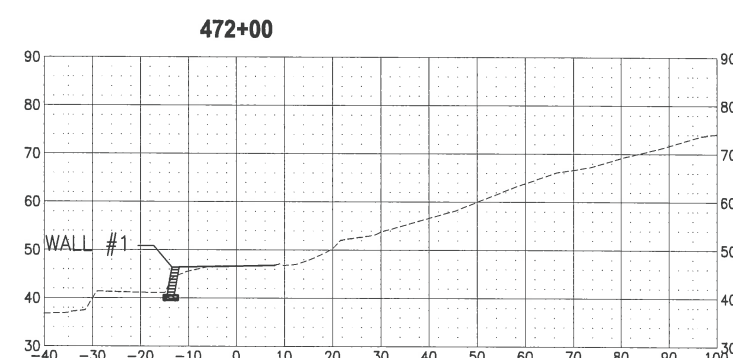
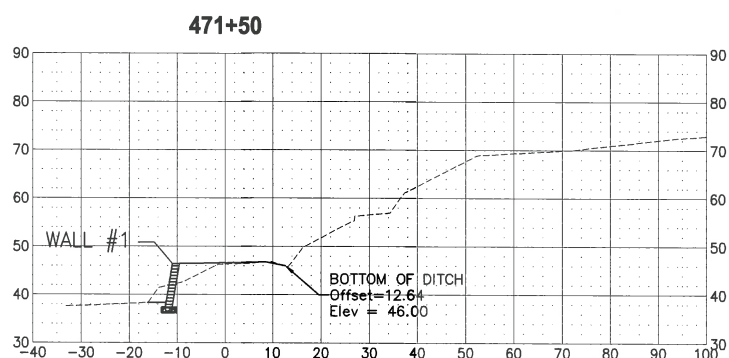
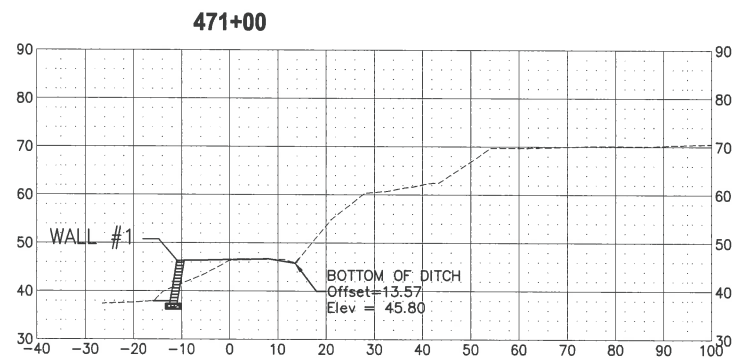
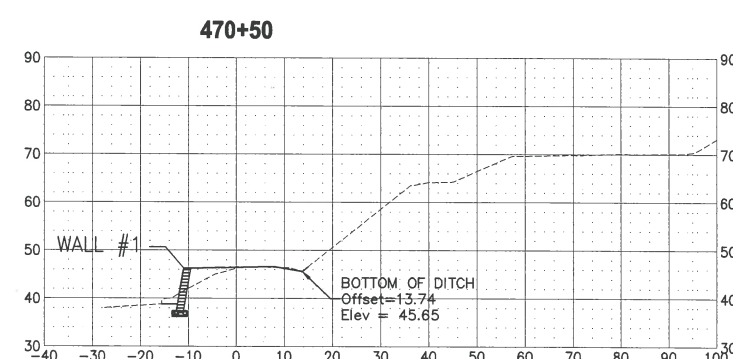
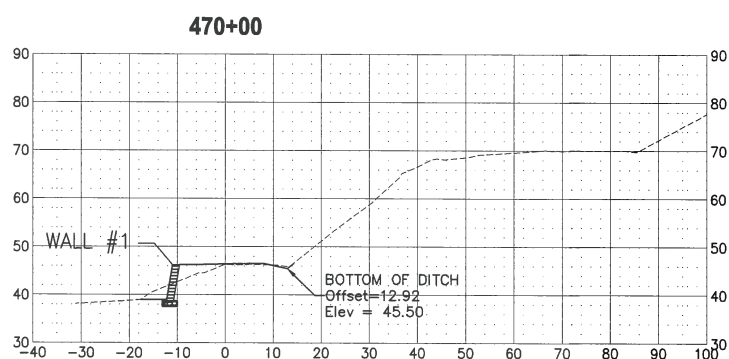
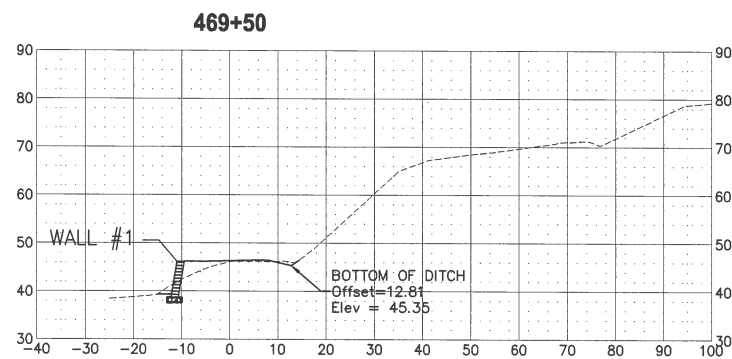
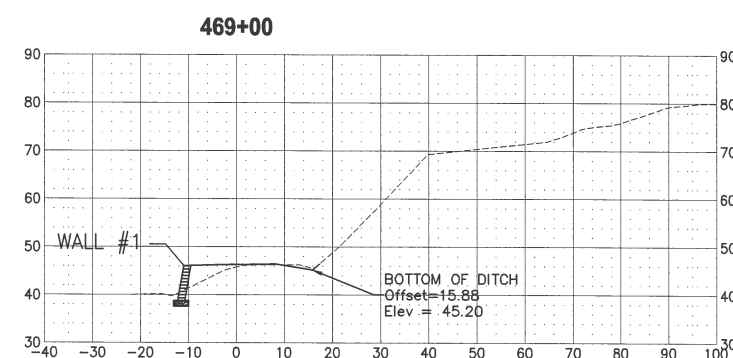
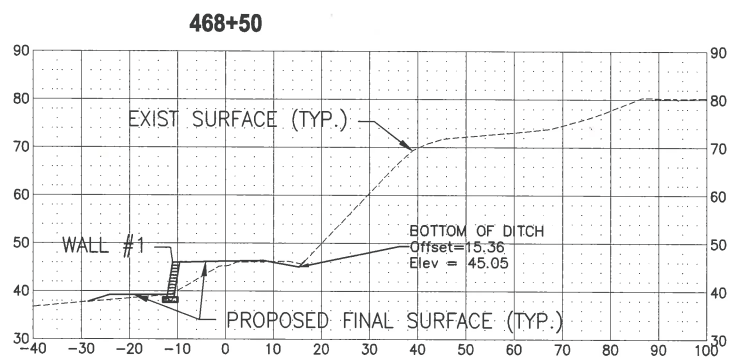
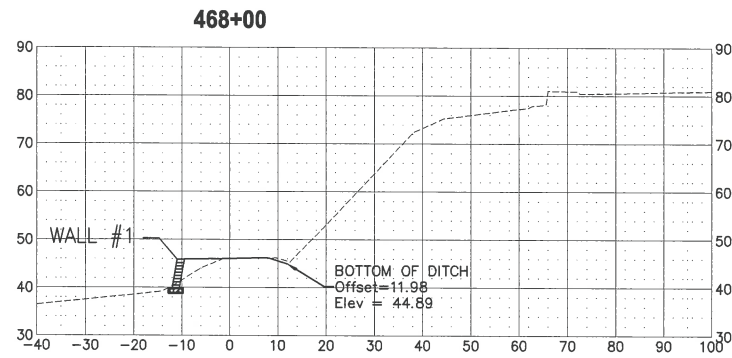
SAMMAMISH, WA

GRADING PLAN & PROFILE

SHEET NO.
11 OF 24

GR1

PATH: U:\P50\Projects\Clients\1521-KingCo\554-1521-075-ELST\995Secs\CA00\Phase 21\103.Dwg
PLOTED BY: mcccbrya DATE: Sunday, March 10, 2019 6:44:44 PM
LAYOUT: XS1



CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

CITY OF SAMMAMISH STAMPS

REVISIONS	DATE	BY	DESIGNED
			R. MCCABE
			DRAWN
			R. MCCABE
			CHECKED
			R. PARKER
			APPROVED
			D. PROCTOR

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FILE NAME
BL1521075P21T03XS-01

JOB No.
554-1521-075 P21T03

DATE
FEBRUARY 2019



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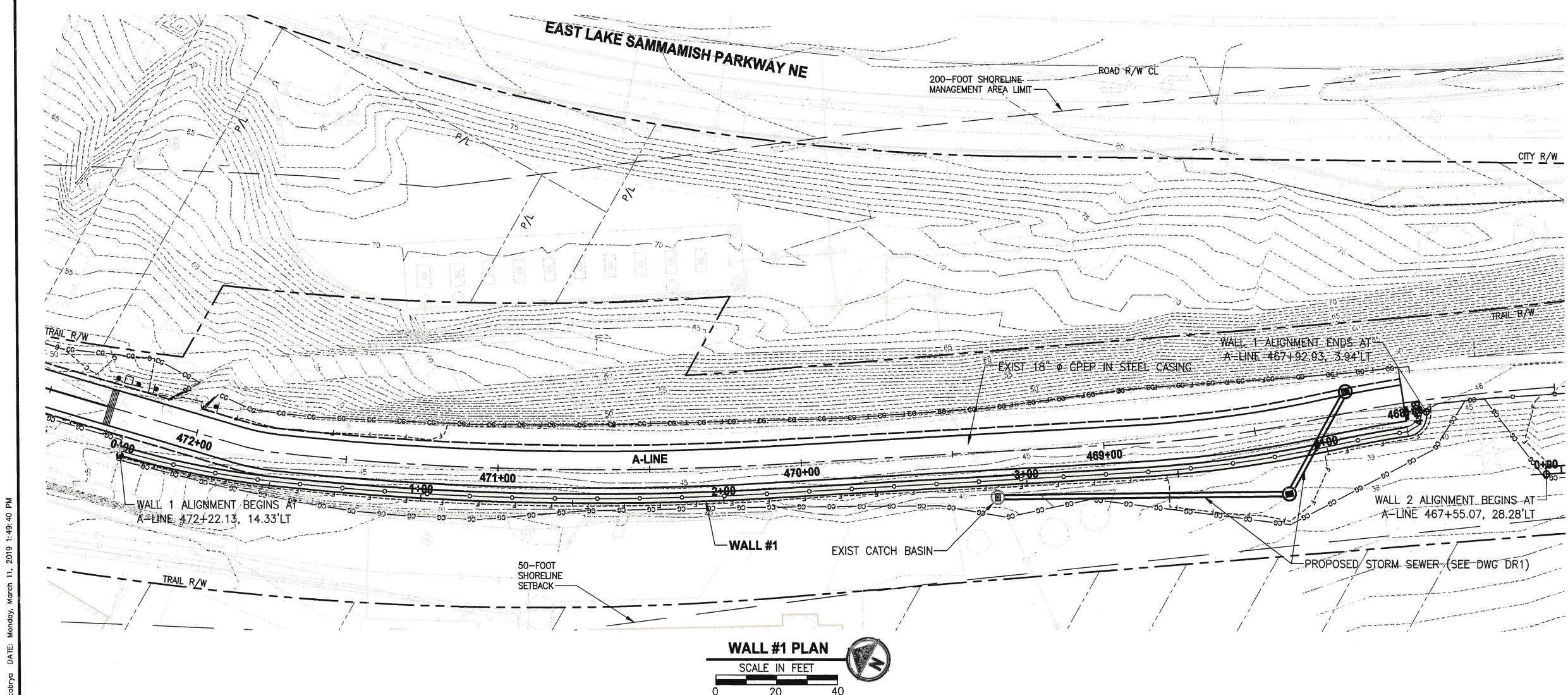
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PROJECT NAME
**KING COUNTY PARKS AND RECREATION
INGLEWOOD HILL ROAD
PARKING LOT - PHASE 1**
SAMMAMISH, WA

GRADING SECTIONS

SHEET NO.
12 OF 24

XS1



- GENERAL NOTES:**
1. WALL ALIGNMENT IS AT APPROXIMATE BOTTOM FACE OF WALL.
 2. SEE UNDERDRAIN PIPE CLEANOUT DETAIL 1 ON DWG SD1.
 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.
 5. ALL CONSTRUCTION MUST CONFORM TO MANUFACTURER'S SPECIFIC REQUIREMENTS.
 6. FENCE POSTS SHALL HAVE MIN 24" DEPTH EMBEDMENT.
 7. ANCHOR GEOGRID REINFORCEMENT BETWEEN BLOCKS PER MANUFACTURER'S REQUIREMENTS.
 8. INSTALL DRAIN PIPE CROSSINGS UNDER WALLS AS RECOMMENDED BY WALL MANUFACTURER/SUPPLIER.
 9. SEE SPECIAL PROVISIONS SECTION 6-13 FOR CONTRACTOR'S BIDDER DESIGN, SUBMITTAL, AND PERMITTING REQUIREMENTS.
 10. THE ALLOWABLE SOIL BEARING CAPACITY FOR WALL AND REINFORCED FILL ZONE SUBGRADE SHALL BE 2,500 PSF.

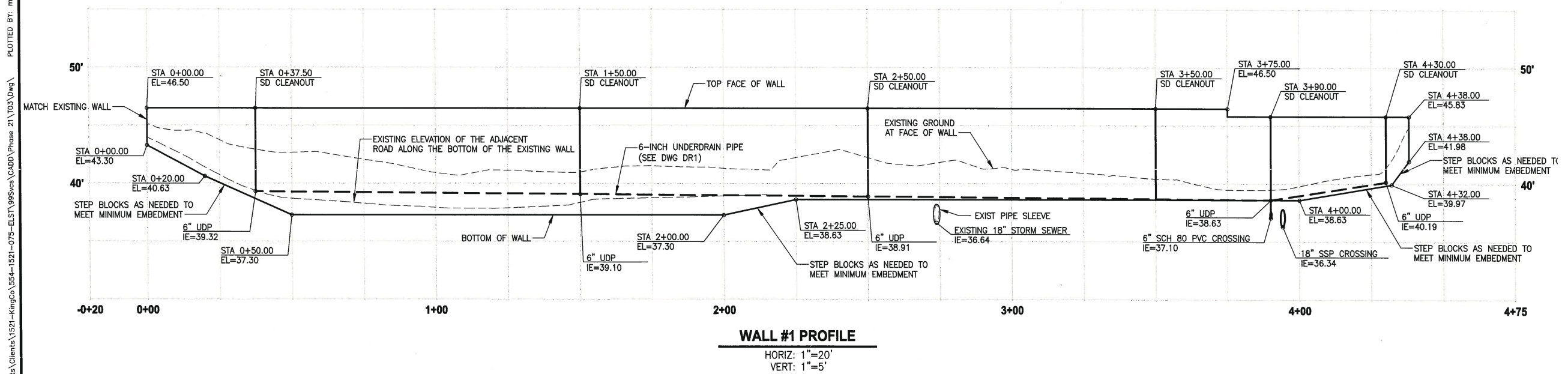
SEW DESIGN REQUIREMENTS:

PARAMETER	REINFORCED FILL ZONE	RETAINED SOIL	FOUNDATION SOIL
UNIT WEIGHT(PCF)	125	125	125
PHI (°)	32	34	34
COHESION (PSF)	0	0	200

PCF = POUNDS PER CUBIC FOOT; PSF = POUNDS PER SQUARE FOOT

SEW EMBEDMENT REQUIREMENTS:

SLOPE IN FRONT OF WALL	MINIMUM EMBEDMENT DEPTH (FEET)
HORIZONTAL	WALL HEIGHT/20 OR 1 FOOT, WHICHEVER IS GREATER
3H:1V	WALL HEIGHT/10 OR 1 FOOT, WHICHEVER IS GREATER
2H:1V	WALL HEIGHT/7 OR 1 FOOT, WHICHEVER IS GREATER



CITY OF SAMMAMISH APPROVAL

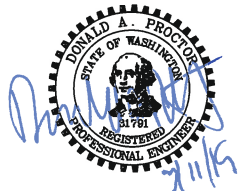
City Engineer	Date
Community Development	Date

CITY OF SAMMAMISH STAMPS

REVISIONS	DATE	BY	DESIGNED
			R. MCCABE
			R. MCCABE
			CHECKED R. PARKER
			APPROVED D. PROCTOR

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P21T03WP-01
JOB No. 554-1521-075 P21T03
DATE: FEBRUARY 2019



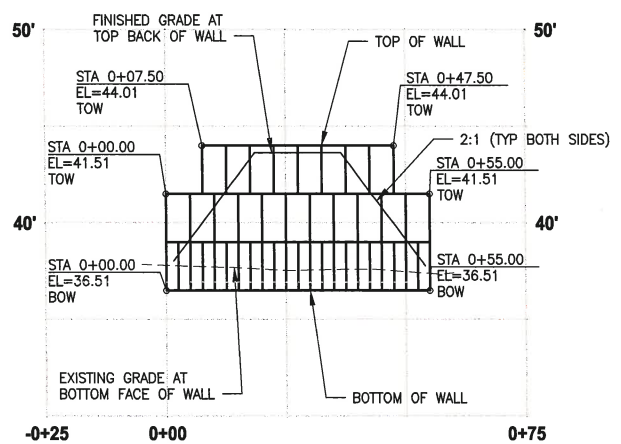
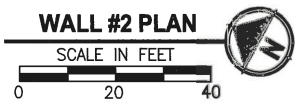
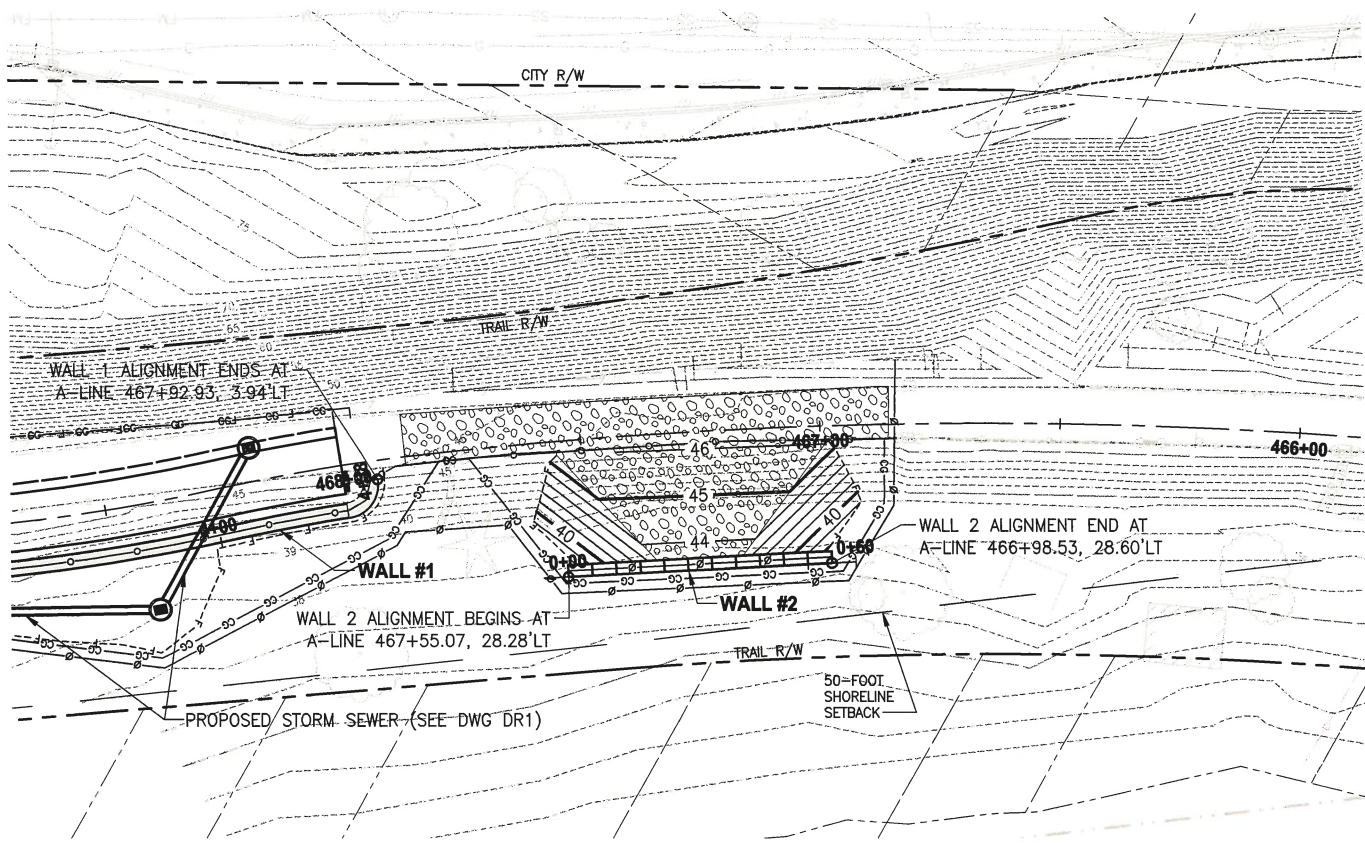
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PROJECT NAME
**KING COUNTY PARKS AND RECREATION
INGLEWOOD HILL ROAD
PARKING LOT - PHASE 1
SAMMAMISH, WA**

WALL 1 PLAN & PROFILE

PATH: u:\P50\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Sves\CADD\Phase 21\T03.Dwg
LAYOUT: WP2
PLOTTED BY: mccabrya DATE: Monday, March 11, 2019 1:49:52 PM



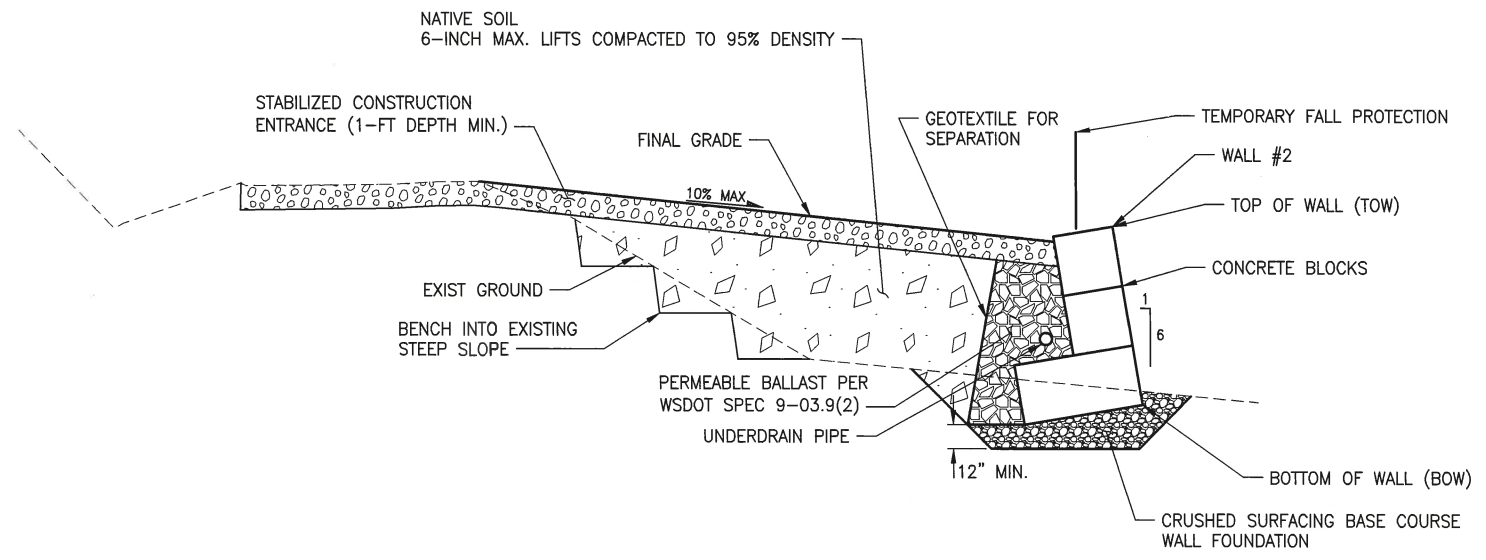
GRAVITY BLOCK WALL DESIGN REQUIREMENTS:

SOIL TYPE	MOIST UNIT WEIGHT (PCF)	Φ (°)	C (PSF)
RETAINED SOIL (1)	125	34	0
FOUNDATION SUBGRADE	120	36	0

PCF = POUNDS PER CUBIC FOOT; PSF = POUNDS PER SQUARE FOOT
(1) DRAINAGE FILL THAT IS PLACED BETWEEN THE PMUs AND THE RETAINED SOIL SHOULD CONSIST OF "PERMEABLE BALLAST" CONSISTENT WITH THE 2018 WSDOT STANDARD SPECIFICATIONS SECTION 9-03.9(2).
 Φ = ANGLE OF INTERNAL FRICTION
C = COHESION

GENERAL NOTES:

- WALL ALIGNMENT IS AT APPROXIMATE BOTTOM FACE OF WALL.
- SEE UNDERDRAIN PIPE CLEANOUT DETAIL 1 ON DWG SD1.
- UNDERDRAIN CLEANOUT LIDS SHALL BE INSTALLED ALONG THE BACK OF WALL BLOCK AND SHALL NOT BE IN TRAIL HMA PAVEMENT.
- REMOVE BLOCKS AND FILL AT END OF CONSTRUCTION AND GRADE SMOOTH.
- ALL WORK REQUIRED ON THIS SHEET IS INCLUDED IN THE LUMP SUM BID ITEM "TEMPORARY GRAVITY BLOCK WALL" EXCEPT THE STABILIZED CONSTRUCTION ENTRANCE.
- FENCE POSTS SHALL HAVE MIN 24" DEPTH EMBEDMENT.
- ANCHOR GEOTEXTILE REINFORCEMENT BETWEEN BLOCKS PER MANUFACTURER'S REQUIREMENTS.
- INSTALL DRAIN PIPE CROSSINGS UNDER WALLS AS RECOMMENDED BY WALL MANUFACTURER/SUPPLIER.
- SEE SPECIAL PROVISIONS SECTION 8-19 FOR CONTRACTOR'S BIDDER DESIGN, SUBMITTAL, AND PERMITTING REQUIREMENTS.
- DESIGN LIVE LOAD SHALL BE 350 PSF MINIMUM.



WALL #2
TYPICAL SECTION

NO SCALE

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

CITY OF SAMMAMISH STAMPS

REVISIONS	DATE	BY	DESIGNED
			R. MCCABE
			R. MCCABE
			R. PARKER
			D. PROCTOR

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME
BL1521075P21T03WP-01

JOB No.
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DATE
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PROJECT NAME

**KING COUNTY PARKS AND RECREATION
INGLEWOOD HILL ROAD
PARKING LOT - PHASE 1**

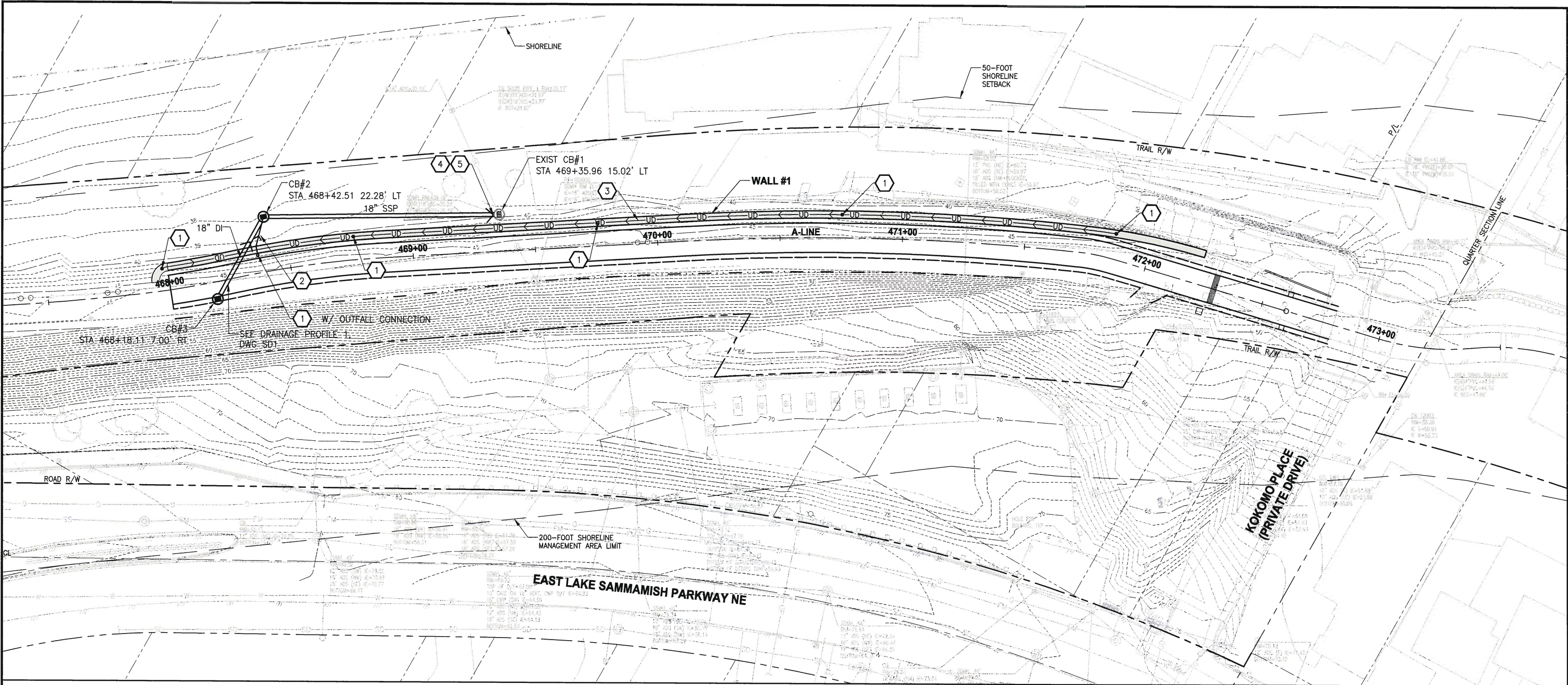
SAMMAMISH, WA

WALL 2 PLAN & PROFILE

SHEET NO.
14 OF 24

WP2

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST-995\Drawings\Phase 2\103.Dwg
LAYOUT: DR1
PLOTED BY: mccabrya DATE: Sunday, March 10, 2019 6:48:17 PM



STORMWATER CONSTRUCTION NOTES:

- 1 STORM DRAIN CLEANOUT (SEE DWG SD1, DETAIL 1)
- 2 6-INCH Ø DRAIN PIPE @ 1.00% MINIMUM, CONNECT TO CB #2 (SCH 80 PVC UNDERNEATH WALL BLOCKS)
- 3 6-INCH Ø UNDERDRAIN PIPE (SEE DWG WP1 FOR PROFILE)
- 4 CONNECT TO EXIST DRAINAGE STRUCTURE
- 5 CLEAN EXIST DRAINAGE STRUCTURE

LEGEND:

- RETAINING WALL
- DRAIN PIPE
- UNDERDRAIN PIPE
- STORM CLEANOUT

GENERAL NOTES:

- 1. SEE DWG SD1 FOR PIPE AND STRUCTURE MATERIAL REQUIREMENTS AND ELEVATIONS.
- 2. CONTRACTOR SHALL USE FULL LENGTH/UNCUT PIPES FOR ALL PIPE RUNS EXCEPT AT LAST UPHILL PIPE AT STRUCTURE.
- 3. SEE DWG WP1 FOR UNDERDRAIN PIPE PROFILE AT WALL #1.



CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

CITY OF SAMMAMISH STAMPS



Know what's below.
Call before you dig.

REVISIONS	DATE	BY	DESIGNED
			R. MCCABE
			DRAWN
			R. MCCABE
			CHECKED
			R. PARKER
			APPROVED
			D. PROCTOR

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FILE NAME
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JOB No.
554-1521-075 P21T03
DATE
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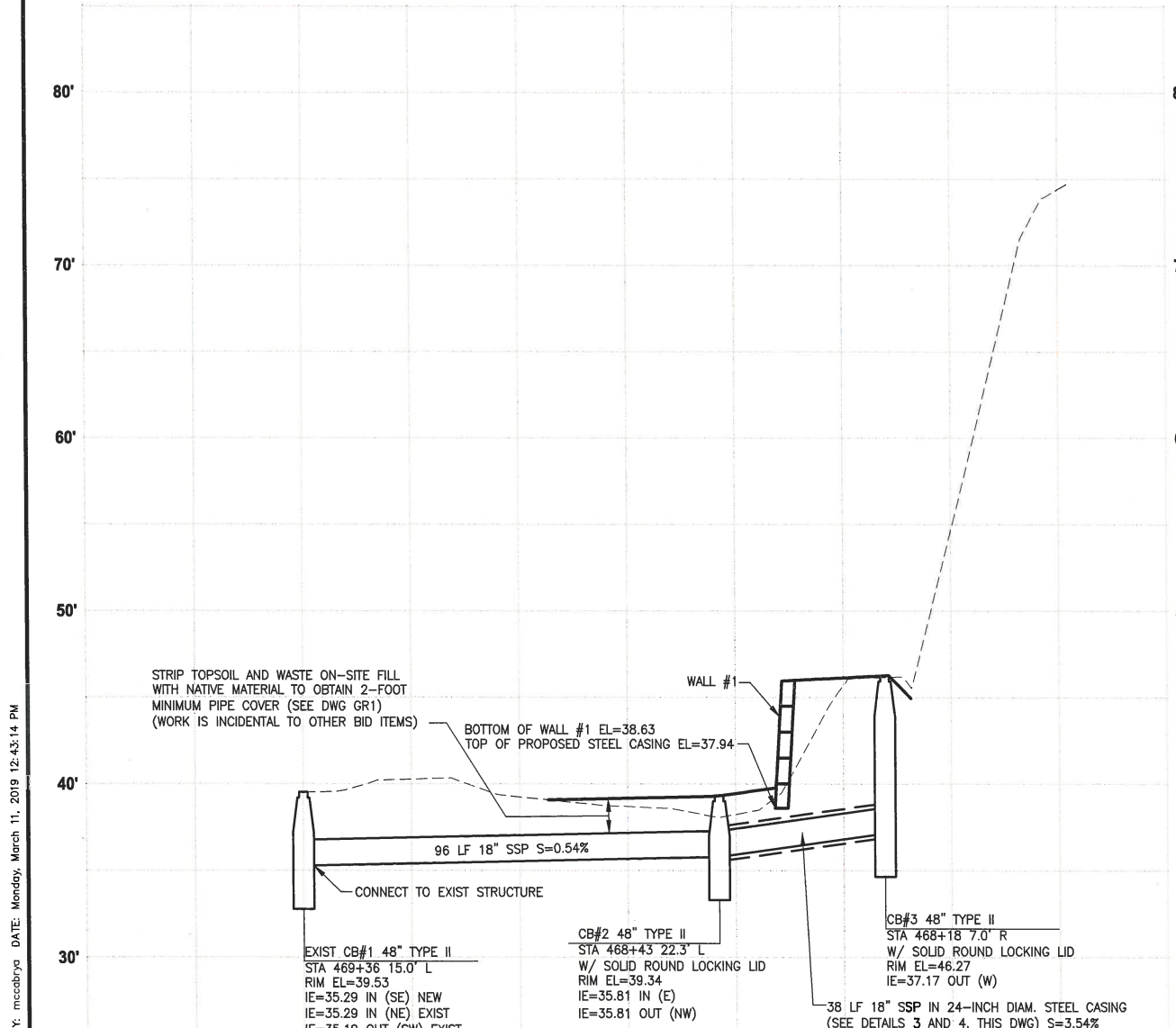


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INGLEWOOD HILL ROAD
PARKING LOT - PHASE 1**
SAMMAMISH, WA

DRAINAGE PLAN

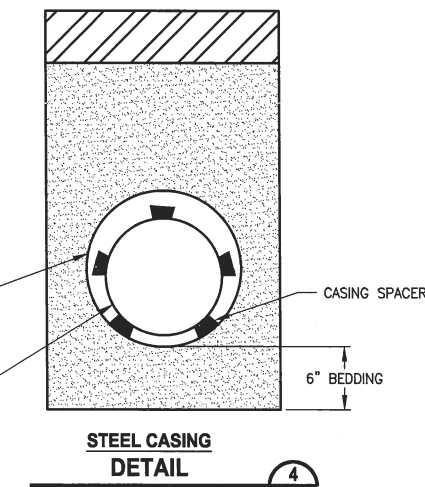
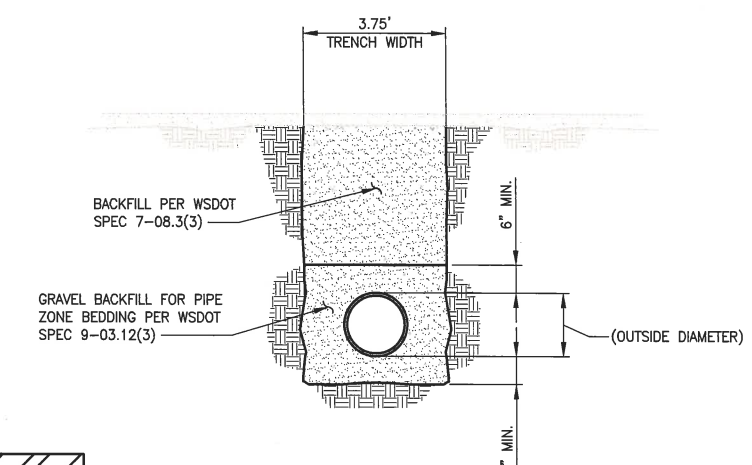
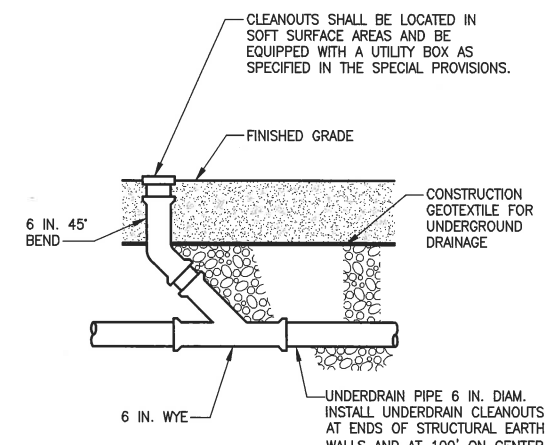
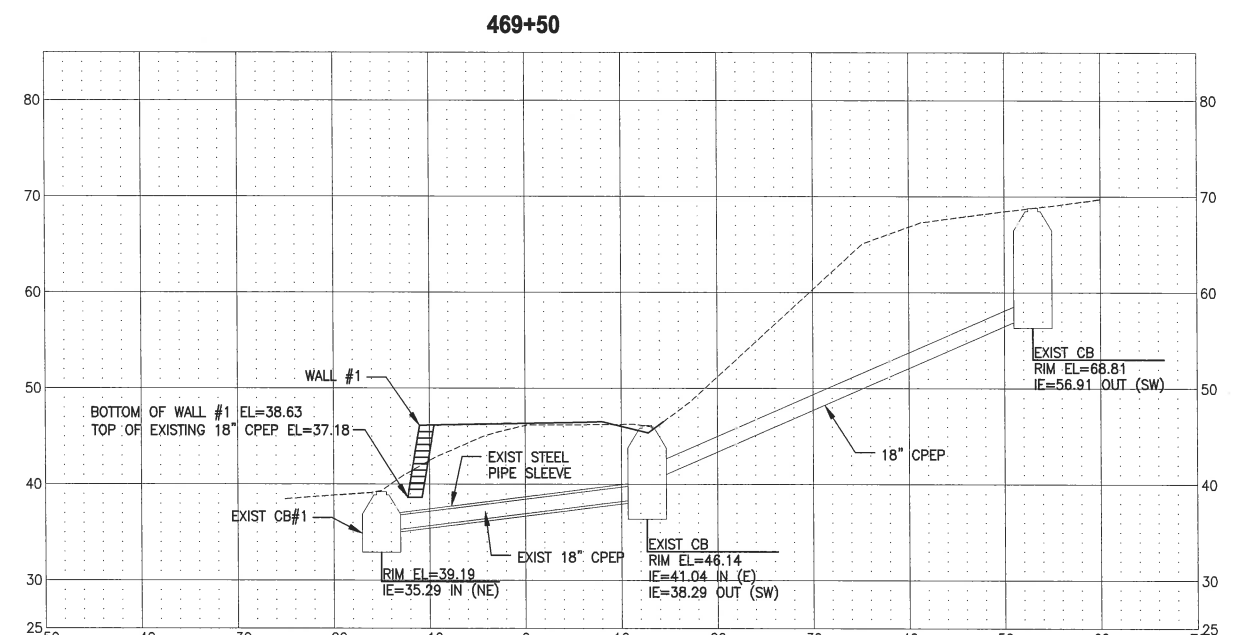
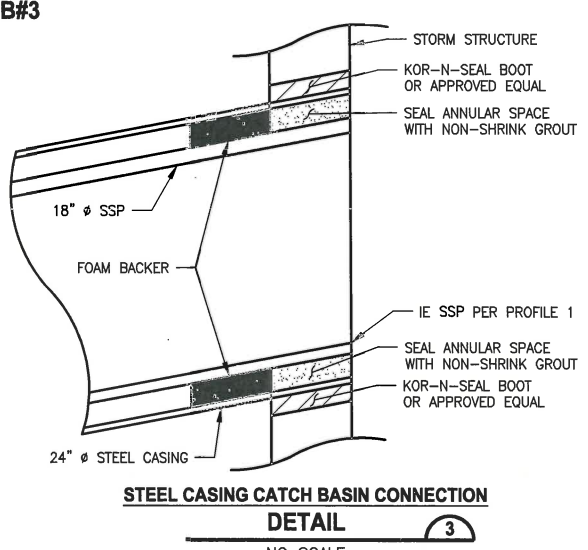
SHEET NO.
15 OF 24
DR1



STORM PIPE ABBREVIATIONS:
SSP - STORM SEWER PIPE
CPEP - CORRUGATED POLYETHYLENE PIPE (EXISTING PIPES ONLY)
UDP - UNDER DRAIN PIPE

NOTES:
1. ALL STORM SEWER PIPE SHALL BE POLYPROPYLENE, PER WSDOT 9-05.24.
2. CONTRACTOR SHALL USE FULL LENGTH/UNCUT PIPES FOR ALL PIPE RUNS EXCEPT AT LAST UPHILL PIPE AT STRUCTURE.

REVISIONS	DATE	BY	DESIGNED
			R. MCCABE
			R. MCCABE
			R. PARKER
			D. PROCTOR

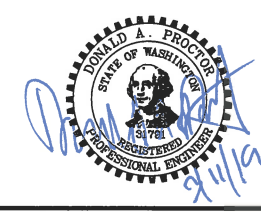


CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

CITY OF SAMMAMISH STAMPS

PATH: U:\P50\Projects\1521-KingCo\554-1521-075-ELST\99Specs\CADD\Phase 21\T03.Dwg
LAYOUT: SD1

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FILE NAME: BL1521075P21T03SD-01
JOB No: 554-1521-075 P21T03
DATE: FEBRUARY 2019



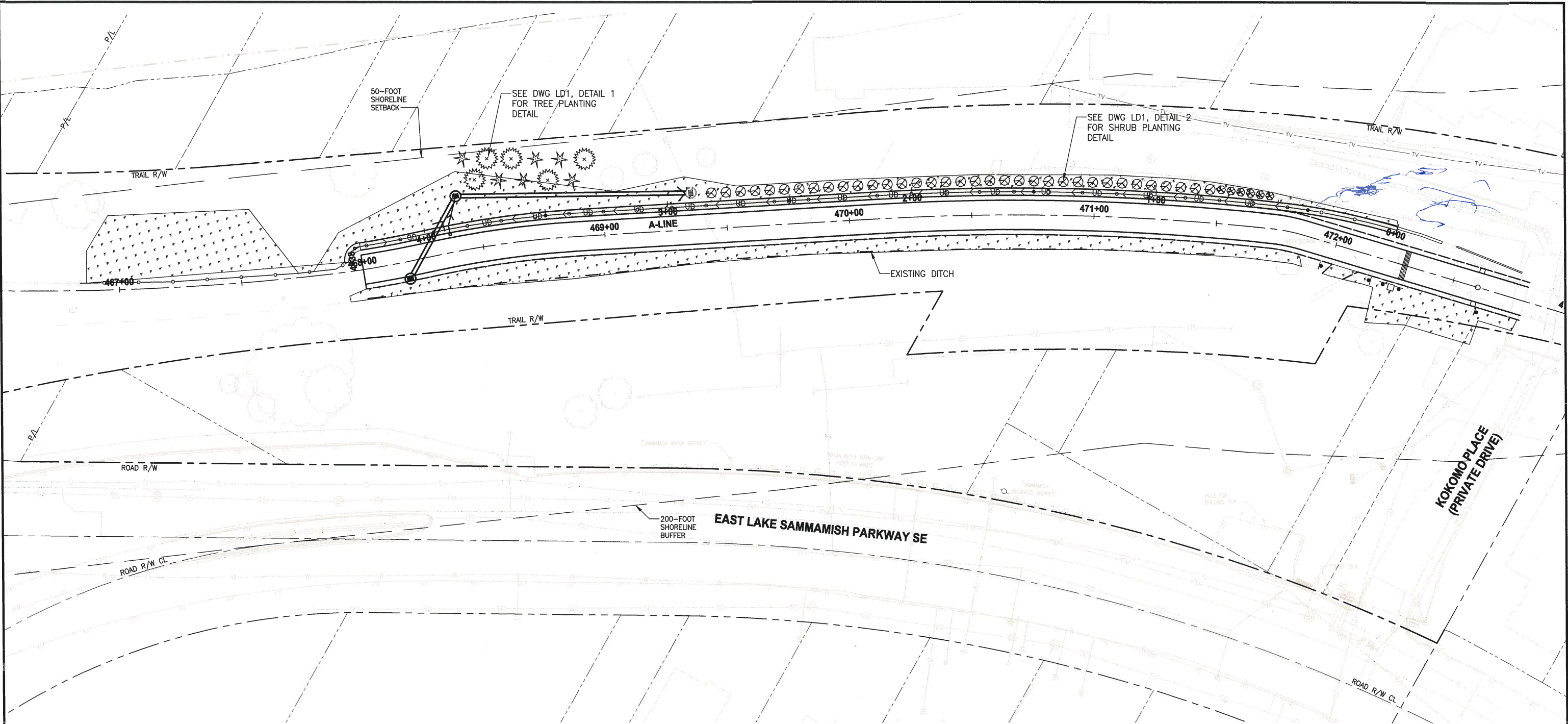
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PROJECT NAME
**KING COUNTY PARKS AND RECREATION
INGLEWOOD HILL ROAD
PARKING LOT - PHASE 1**
SAMMAMISH, WA

DRAINAGE PROFILES

SHEET NO.
16 OF 24
SD1

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LEGEND:

- WESTERN RED CEDAR
- DOUGLAS FIR
- DWARF STRAWBERRY TREE (SPACE PLANTS 6' APART)
- TALL OREGON GRAPE (SPACE PLANTS 4' APART)
- SEEDING, FERTILIZING, AND MULCHING

GENERAL NOTES:

- SEE PLANT LISTS AND DETAILS ON SHEET LD1.



CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

CITY OF SAMMAMISH STAMPS



REVISIONS	DATE	BY	DESIGNED
			J. SWENSON
			R. MCCABE
			CHECKED
			J. SWENSON
			APPROVED
			D. PROCTOR

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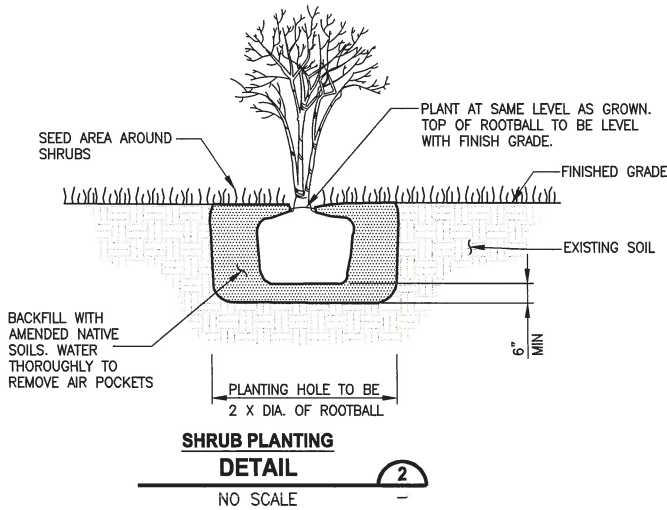
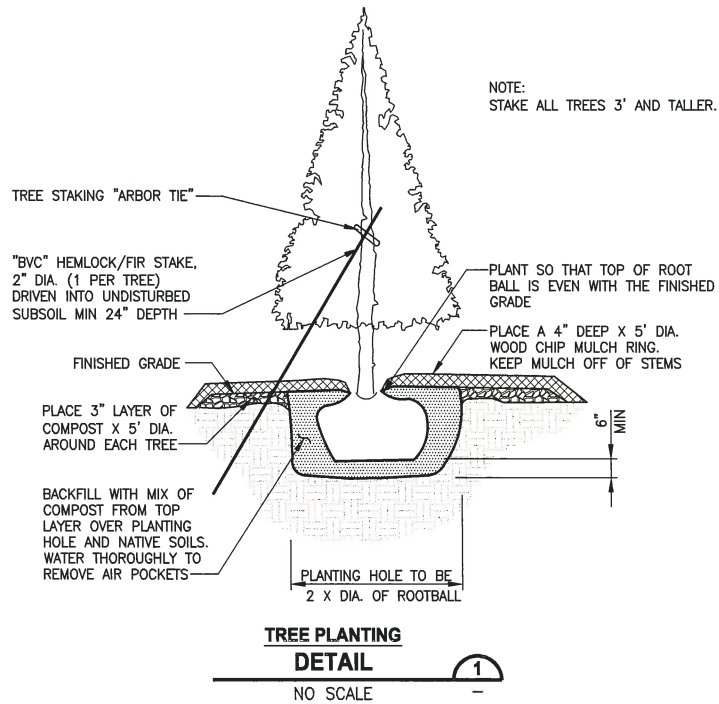
PROJECT NAME
**KING COUNTY PARKS AND RECREATION
INGLEWOOD HILL ROAD
PARKING LOT - PHASE 1**
SAMMAMISH, WA

LANDSCAPE PLAN

SHEET NO.
17 OF 24

LA1

PATH: U:\P50\Projects\Clients\1521-KingCo\554-1521-075-ELST-99Site\CADD\Phase 21\T03.Dwg PLOTTED BY: mcbabya DATE: Monday, March 11, 2019 12:43:36 PM LAYOUT: LD1



PLANT MATERIAL LIST

QUANTITY	BOTANICAL NAME	COMMON NAME	MINIMUM SIZE	NOTES/SPACING
TREES				
5	THUJA PLICATA	WESTERN RED CEDAR	4' TALL	AS SHOWN ON PLAN
6	PSEUDOTSUGA MENZIESII	DOUGLAS FIR	4' TALL	AS SHOWN ON PLAN
SHRUBS				
35	ARBUTUS UNEDO 'COMPACTA'	DWARF STRAWBERRY TREE	3' TALL AND #5 CONTAINER	SPACE 6' APART
6	MAHONIA AQUIFOLIUM	TALL OREGON GRAPE	3' TALL AND #5 CONTAINER	SPACE 4' APART

PLANT MATERIAL SETBACK CHART

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

PLANTING NOTES:

- CONTRACTOR SHALL ARRANGE TO MEET ON SITE WITH THE PROJECT REPRESENTATIVE TO DISCUSS LIMITS OF WORK AND METHODS. CONSTRUCTION ACTIVITIES SHALL NOT COMMENCE UNTIL ACCESS, LIMITS OF WORK, AND METHODS ARE APPROVED. ALL SAFETY FENCING AND TESC MEASURES MUST BE INSTALLED PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES.
- 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.
- 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.
- 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.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS AND EXCESS SOIL OCCASIONED BY THIS PROJECT.
- CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO EXCAVATION.
- ALL DIMENSIONS FOR LISTED HEIGHT, LENGTH AND CONTAINER SIZE ARE MINIMUM REQUIREMENTS.
- EXISTING AREAS DISTURBED BY CONSTRUCTION ACTIVITIES AND NOT SHOWN TO BE RE-VEGETATED ON THESE PLANS SHALL BE RESTORED AND SEEDED.
- DISCREPANCIES BETWEEN THE PLANS AND SITE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT REPRESENTATIVE PRIOR TO PROCEEDING WITH EFFECTED WORK.
- 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.
- CONTRACTOR SHALL REMOVE ALL TREE STAKES AT THE END OF 1 YEAR.

TREE RETENTION CALCULATION

EXISTING SIGNIFICANT TREES ON SITE	28
TREES REMOVED FOR PROJECT	11
TREES RETAINED	69%
R-4 ZONE TREE RETENTION REQUIREMENT	35%
TREE REPLACEMENT REQUIRED AT 1 TO 1 RATIO	11
REPLACEMENT TREES PROPOSED	11

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

CITY OF SAMMAMISH STAMPS

REVISIONS	DATE	BY	DESIGNED
			J. SWENSON
			R. MCCABE
			J. SWENSON
			D. PROCTOR

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JOB No. 554-1521-075 P21T03
DATE FEBRUARY 2019



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PROJECT NAME
**KING COUNTY PARKS AND RECREATION
INGLEWOOD HILL ROAD
PARKING LOT - PHASE 1**
SAMMAMISH, WA

PLANTING SCHEDULE AND DETAILS

SHEET NO.
18 OF 24
LD1

EROSION/SEDIMENTATION CONTROL NOTES:

1. APPROVAL OF THIS ESC PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G., SIZE AND LOCATION OF ROADS, PIPES, RESTRICTORS, CHANNELS, RETENTION FACILITIES, UTILITIES, ETC.).
2. THE IMPLEMENTATION OF THIS ESC PLAN AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE APPLICANT/ESC SUPERVISOR UNTIL ALL CONSTRUCTION IS APPROVED.
3. THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED BY SURVEY TAPE OR FENCING, PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, DISTURBANCE BEYOND THE CLEARING LIMITS IS NOT PERMITTED. THE CLEARING LIMITS SHALL BE MAINTAINED BY THE APPLICANT/ESC SUPERVISOR FOR THE DURATION OF CONSTRUCTION.
4. STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES, SUCH AS CONSTRUCTED WHEEL WASH SYSTEMS OR WASH PADS, MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN AND TRACK OUT TO ROAD RIGHT-OF-WAY DOES NOT OCCUR FOR THE DURATION OF THE PROJECT.
5. THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED PRIOR TO OR IN CONJUNCTION WITH ALL CLEARING AND GRADING SO AS TO ENSURE THAT THE TRANSPORT OF SEDIMENT TO SURFACE WATERS, DRAINAGE SYSTEMS, FLOW CONTROL BMP LOCATIONS (EXISTING AND PROPOSED), AND ADJACENT PROPERTIES IS MINIMIZED.
6. THE ESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND MODIFIED TO ACCOUNT FOR CHANGING SITE CONDITIONS (E.G., ADDITIONAL COVER MEASURES, ADDITIONAL SUMP PUMPS, RELOCATION OF DITCHES AND SILT FENCES, PERIMETER PROTECTION ETC.) OR AS DIRECTED BY THE CITY.
7. THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE APPLICANT/ESC SUPERVISOR DURING NON-RAINFALL PERIODS, EVERY HOUR (DAYLIGHT) DURING A RAINFALL EVENT, AND AT THE END OF EVERY RAINFALL, AND MAINTAINED TO ENSURE THEIR CONTINUED PROPER FUNCTIONING. IN ADDITION, TEMPORARY SILTATION PONDS AND ALL TEMPORARY SILTATION CONTROLS SHALL BE MAINTAINED IN A SATISFACTORY CONDITION UNTIL SUCH TIME THAT CLEARING AND/OR CONSTRUCTION IS COMPLETED, PERMANENT DRAINAGE FACILITIES ARE OPERATIONAL, AND THE POTENTIAL FOR EROSION HAS PASSED. WRITTEN RECORDS SHALL BE KEPT OF WEEKLY REVIEWS OF THE ESC FACILITIES DURING THE WET SEASON (OCT. 1 TO APRIL 30) AND OF MONTHLY REVIEWS DURING THE DRY SEASON (MAY 1 TO SEPT 30).
8. ANY AREAS OF EXPOSED SOILS, INCLUDING ROADWAY EMBANKMENTS, THAT WILL NOT BE DISTURBED FOR TWO CONSECUTIVE DAYS DURING THE WET SEASON OR SEVEN DAYS DURING THE DRY SEASON SHALL BE IMMEDIATELY STABILIZED WITH THE APPROVED ESC COVER METHODS (E.G., SEEDING, MULCHING, PLASTIC COVERING, ETC.).
9. ANY AREA NEEDING ESC MEASURES THAT DO NOT REQUIRE IMMEDIATE ATTENTION SHALL BE ADDRESSED WITHIN SEVEN (7) DAYS.
10. THE ESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH (MORE FREQUENTLY AS REQUIRED BY THE PUBLIC WORKS CONSTRUCTION INSPECTOR) OR WITHIN TWENTY-FOUR (24) HOURS FOLLOWING A STORM EVENT.
11. AT NO TIME SHALL MORE THAN ONE (1) FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT-LADEN WATER INTO THE DOWNSTREAM SYSTEM.
12. ANY PERMANENT RETENTION/DETENTION FACILITY USED AS A TEMPORARY SETTLING BASIN SHALL BE MODIFIED WITH THE NECESSARY EROSION CONTROL MEASURES AND SHALL PROVIDE ADEQUATE STORAGE CAPACITY IF THE FACILITY IS TO FUNCTION ULTIMATELY AS AN INFILTRATION SYSTEM. THE PERMANENT FACILITY SHALL NOT BE USED AS A TEMPORARY SETTLING BASIN, ELSE THE TEMPORARY FACILITY MUST BE GRADED SO THAT THE BOTTOM AND SIDES ARE AT LEAST THREE FEET ABOVE THE FINAL GRADE OF THE PERMANENT FACILITY. NO UNDERGROUND DETENTION TANK, DETENTION VAULT, OR SYSTEM WHICH BACKS UNDER OR INTO A POND SHALL BE USED AS A TEMPORARY SETTLING BASIN. FLOW CONTROL BMP AREAS (EXISTING OR PROPOSED) SHALL NOT BE USED AS TEMPORARY FACILITIES AND SHALL BE PROTECTED FROM SEDIMENTATION AND INTRUSION.
13. COVER MEASURES WILL BE APPLIED IN CONFORMANCE WITH APPENDIX D OF THE KING COUNTY SURFACE WATER DESIGN MANUAL.
14. PRIOR TO THE BEGINNING OF THE WET SEASON (OCTOBER 1) OF EACH YEAR, ALL DISTURBED AREAS SHALL BE REVIEWED TO IDENTIFY WHICH ONES CAN BE SEEDED IN PREPARATION FOR THE WINTER RAINS. THE IDENTIFIED DISTURBED AREA SHALL BE SEEDED WITHIN ONE WEEK AFTER OCTOBER 1. A SKETCH MAP DEPICTING THE AREAS TO BE SEEDED AND THE AREAS TO REMAIN UNCOVERED SHALL BE SUBMITTED TO THE PUBLIC WORKS CONSTRUCTION INSPECTOR. THE INSPECTOR MAY REQUIRE SEEDING OF ADDITIONAL AREAS IN ORDER TO PROTECT SURFACE WATERS, ADJACENT PROPERTIES, OR DRAINAGE FACILITIES.
15. ALL EROSION/SEDIMENTATION CONTROL PONDS WITH A DEAD STORAGE DEPTH EXCEEDING SIX INCHES (6") MUST HAVE A HIGHLY VISIBLE PERIMETER FENCE WITH A MINIMUM HEIGHT OF THREE FEET (3').
16. ALL LOTS ADJOINING OR HAVING ANY NATIVE GROWTH PROTECTION EASEMENTS (NGPE) OR SENSITIVE AREA TRACT SHALL HAVE A MINIMUM FOUR-FOOT (4') HIGH TEMPORARY CONSTRUCTION FENCE (CYCLONE OR PLASTIC MESH) SEPARATING THE LOT (OR BUILDABLE PORTIONS OF THE LOT) FROM THE AREA RESTRICTED BY THE NGPE AND SHALL BE INSTALLED PRIOR TO ANY GRADING OR CLEARING AND REMAIN IN PLACE UNTIL A DWELLING IS CONSTRUCTED AND OWNERSHIP TRANSFERRED TO THE FIRST OWNER/OCCUPANT.
17. CLEARING LIMITS SHALL BE DELINEATED WITH A CLEARING CONTROL FENCE. THE CLEARING CONTROL FENCE SHALL CONSIST OF A FOUR-FOOT (4') HIGH TEMPORARY CONSTRUCTION FENCE. CLEARING CONTROL FENCES ALONG WETLAND OR STREAM BUFFERS OR UPSLOPE OF SENSITIVE SLOPES SHALL BE ACCOMPANIED BY TWO ROWS OF EROSION CONTROL FENCE. IF DETERMINED APPROPRIATE BY CITY OF SAMMAMISH A SIX-FOOT (6') HIGH CHAIN LINK FENCE MAY BE REQUIRED.
18. IF SEDIMENT IS TRACKED OFFSITE, PUBLIC ROADS SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY, OR MORE FREQUENTLY DURING WET WEATHER, IF NECESSARY TO PREVENT SEDIMENT FROM ENTERING WATERS OF THE STATE. SEDIMENT SHALL BE REMOVED FROM ROADS BY SHOVELING OR PICKUP SWEEPING AND SHALL BE TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA. STREET WASHING WILL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER. STREET WASH WASTEWATER SHALL BE CONTROLLED BY PUMPING BACK ONSITE, OR OTHERWISE BE PREVENTED FROM DISCHARGING INTO DRAINAGE SYSTEMS TRIBUTARY TO SURFACE WATERS.
19. ANY CATCH BASINS COLLECTING RUNOFF FROM THE SITE, WHETHER THEY ARE ON OR OFF THE SITE, SHALL HAVE THEIR GRATES COVERED WITH FILTER FABRIC DURING CONSTRUCTION. CATCH BASINS DIRECTLY DOWNSTREAM OF THE CONSTRUCTION ENTRANCE OR ANY OTHER CATCH BASIN AS DETERMINED BY THE PUBLIC WORKS CONSTRUCTION INSPECTOR SHALL BE PROTECTED WITH A "FILTER FABRIC SOCK" OR EQUIVALENT. AT NO TIME SHALL MORE SEDIMENT THAN ONE-THIRD (1/3) OF THE AVAILABLE STORAGE BE ALLOWED TO ACCUMULATE WITHIN A CATCH BASIN INSERT. SEE SECTION D.2.1.5.3 OF THE 2016 KCSWDM APPENDIX D.

EROSION/SEDIMENTATION CONTROL NOTES (CONTINUED):

20. THE WASHED GRAVEL BACKFILL ADJACENT TO THE FILTER FABRIC FENCE SHALL BE REPLACED AND THE FILTER FABRIC CLEANED IF IT IS NONFUNCTIONAL BY EXCESSIVE SILT ACCUMULATION AS DETERMINED BY THE CITY OF SAMMAMISH PUBLIC WORKS CONSTRUCTION INSPECTOR. ALL INTERCEPTOR SWALES SHALL BE CLEANED IF SILT ACCUMULATION EXCEEDS ONE-HALF FOOT (0.5') DEPTH.
21. ROCK FOR EROSION PROTECTION OF ROADWAY DITCHES, WHERE REQUIRED, MUST BE OF SOUND QUARRY ROCK, PLACED TO A DEPTH OF 1' AND MUST MEET WSDOT SPECIFICATIONS 4"-8" ROCK/40%-70% PASSING; 2"-4" ROCK/30%-40% PASSING; AND 1"-2" ROCK/10%-20% PASSING.
22. FLUSHING CONCRETE BY-PRODUCTS OR TRUCKS NEAR OR INTO THE STORM DRAINAGE SYSTEM SHALL NOT BE ALLOWED. IF EXPOSED AGGREGATE IS FLUSHED INTO THE STORM SYSTEM, IT MAY RESULT IN RE-INSPECTION AND RE-CLEANING THE ENTIRE AFFECTED DOWNSTREAM STORM SYSTEM, OR POSSIBLY RE-LAYING THE STORM LINE.
23. MAXIMUM RELEASE RATE FROM THE SITE AT ANY TIME DURING CONSTRUCTION AND DURING THE MAINTENANCE AND DEFECT PERIOD SHALL BE NO MORE THAN ONE-HALF OF THE 2-YEAR PEAK FLOW WHEN THE FLOW CONTROL STRUCTURE IS BYPASSED.
24. DURING THE WET SEASON (OCTOBER 1 – APRIL 30) NOTES:
- a. THE ALLOWED TIME THAT A DISTURBED AREA MAY REMAIN UNWORKED WITHOUT COVER MEASURES IS REDUCED TO TWO CONSECUTIVE WORKING DAYS, RATHER THAN SEVEN (SECTION D.2.1.2).
 - b. STOCKPILES AND STEEP CUT AND FILL SLOPES ARE TO BE PROTECTED IF UNWORKED FOR MORE THAN 12 HOURS (SECTION D.2.1.2).
 - c. COVER MATERIALS SUFFICIENT TO COVER ALL DISTURBED AREAS SHALL BE STOCKPILED ON SITE (SECTION D.2.1.2).
 - d. ALL AREAS THAT ARE TO BE UNWORKED DURING THE WET SEASON SHALL BE SEEDED WITHIN ONE WEEK OF THE BEGINNING OF THE WET SEASON (SECTION D.2.1.2.6).
 - e. MULCH IS REQUIRED TO PROTECT ALL SEEDED AREAS (SECTION D.2.1.2.2).
 - f. FIFTY LINEAR FEET OF SILT FENCE (AND THE NECESSARY STAKES) PER ACRE OF DISTURBANCE MUST BE STOCKPILED ON SITE (SECTION D.2.1.3.1).
 - g. CONSTRUCTION ROAD AND PARKING LOT STABILIZATION ARE REQUIRED FOR ALL SITES UNLESS THE SITE IS UNDERLAIN BY COARSE-GRAINED SOIL (SECTION D.2.1.4.2).
 - h. SEDIMENT RETENTION IS REQUIRED UNLESS NO OFFSITE DISCHARGE IS ANTICIPATED FOR THE SPECIFIED DESIGN FLOW (SECTION D.2.1.5).
 - i. SURFACE WATER CONTROLS ARE REQUIRED UNLESS NO OFFSITE DISCHARGE IS ANTICIPATED FOR THE SPECIFIED DESIGN FLOW (SECTION D.2.1.6).
 - j. PHASING AND MORE CONSERVATIVE BMPS MUST BE EVALUATED FOR CONSTRUCTION ACTIVITY NEAR SURFACE WATERS (SECTION D.2.4.3).
 - k. ANY RUNOFF GENERATED BY DEWATERING MAY BE REQUIRED TO DISCHARGE TO THE SANITARY SEWER (WITH APPROPRIATE DISCHARGE AUTHORIZATION), PORTABLE SAND FILTER SYSTEMS, OR HOLDING TANKS (SECTION D.2.2).
 - l. WHEN LOCATED WITHIN AN ENVIRONMENTALLY CRITICAL AREA, A WET SEASON PERMIT IS REQUIRED.
25. A DETAILED CONSTRUCTION SEQUENCE IS REQUIRED TO ENSURE THAT EROSION AND SEDIMENT CONTROL MEASURES ARE APPLIED AT THE APPROPRIATE TIMES. A CONSTRUCTION SEQUENCE TEMPLATE IS PROVIDED BELOW TO BE UPDATED TO SPECIFICALLY MATCH THE PROJECT:
- a. PRE-CONSTRUCTION MEETING.
 - b. POST SIGN WITH NAME AND PHONE NUMBER OF CSWPP/ESC SUPERVISOR.
 - c. FLAG OR FENCE CLEARING LIMITS.
 - d. INSTALL CATCH BASIN PROTECTION, IF REQUIRED.
 - e. GRADE AND INSTALL CONSTRUCTION ENTRANCE(S).
 - f. INSTALL PERIMETER PROTECTION (SILT FENCE, BRUSH BARRIER, ETC.).
 - g. CONSTRUCT SEDIMENT PONDS AND TRAPS.
 - h. GRADE AND STABILIZE CONSTRUCTION ROADS.
 - i. CONSTRUCT SURFACE WATER CONTROLS (INTERCEPTOR DIKES, PIPE SLOPE DRAINS, ETC.) SIMULTANEOUSLY WITH CLEARING AND GRADING FOR PROJECT DEVELOPMENT.
 - j. MAINTAIN EROSION CONTROL MEASURE IN ACCORDANCE WITH CITY PUBLIC WORKS STANDARDS AND MANUFACTURER'S RECOMMENDATIONS.
 - k. RELOCATE EROSION CONTROL MEASURES OR INSTALL NEW MEASURES SO THAT AS SITE CONDITIONS CHANGE, THE EROSION AND SEDIMENT CONTROL IS ALWAYS IN ACCORDANCE WITH THE CITY ESC MINIMUM REQUIREMENTS.
 - l. COVER ALL AREAS WITHIN THE SPECIFIED TIME FRAME WITH STRAW, WOOD FIBER MULCH, COMPOST, PLASTIC SHEETING, CRUSHED ROCK OR EQUIVALENT.
 - m. STABILIZE ALL AREAS THAT REACH FINAL GRADE WITHIN SEVEN (7) DAYS.
 - n. SEED OR SOD ANY AREAS TO REMAIN UN-WORKED FOR MORE THAN THIRTY (30) DAYS.
 - o. UPON COMPLETION OF THE PROJECT, ALL DISTURBED AREAS MUST BE STABILIZED AND BEST MANAGEMENT PRACTICES (BMPS) REMOVED IF APPROPRIATE.

STORM DRAINAGE NOTES:

1. PROOF OF LIABILITY INSURANCE SHALL BE SUBMITTED TO PUBLIC WORKS PRIOR TO THE CONSTRUCTION OF THE DRAINAGE FACILITIES, PREFERABLY AT THE PRECONSTRUCTION MEETING.
2. ALL PIPE AND APPURTENANCES SHALL BE LAID ON A PROPERLY PREPARED FOUNDATION IN ACCORDANCE WITH WSDOT SPECIFICATIONS. THIS SHALL INCLUDE LEVELING AND COMPACTING THE TRENCH BOTTOM, THE TOP OF THE FOUNDATION MATERIAL, AND ANY REQUIRED PIPE BEDDING, TO A UNIFORM GRADE SO THAT THE ENTIRE PIPE IS SUPPORTED BY A UNIFORMLY DENSE UNYIELDING BASE.
3. A LICENSED SURVEYOR SHALL SURVEY AND STAKE ALL STORM DRAIN FACILITIES AND CONVEYANCE LINES WITH ASSOCIATED EASEMENTS AND DEDICATIONS NOT LOCATED WITHIN THE PUBLIC RIGHT-OF-WAY. PUBLIC WORKS CONSTRUCTION INSPECTOR SHALL INSPECT AND VERIFY LOCATIONS PRIOR TO FINAL PLAT AND EASEMENT RECORDING.
4. STEEL PIPE SHALL BE ALUMINIZED, OR GALVANIZED WITH ASPHALT TREATMENT #1 OR BETTER INSIDE AND OUTSIDE.
5. ALL DRAINAGE STRUCTURES, SUCH AS CATCH BASINS AND MANHOLES, NOT LOCATED WITHIN A TRAVELED ROADWAY OR SIDEWALK, SHALL HAVE SOLID LOCKING LIDS. ALL DRAINAGE STRUCTURES ASSOCIATED WITH A PERMANENT RETENTION/DETENTION FACILITY SHALL HAVE SOLID LOCKING LIDS.
6. ALL DRIVEWAY CULVERTS LOCATED WITHIN SAMMAMISH RIGHT-OF-WAY SHALL BE OF SUFFICIENT LENGTH TO PROVIDE A MINIMUM 3:1 SLOPE FROM THE EDGE OF THE DRIVEWAY TO THE BOTTOM OF THE DITCH. CULVERTS SHALL HAVE BEVELED END SECTIONS TO MATCH THE SIDE SLOPE.
7. DRAINAGE OUTLETS (STUB-OUTS) SHALL BE PROVIDED FOR EACH INDIVIDUAL LOT, EXCEPT FOR THOSE LOTS APPROVED FOR INFILTRATION. STUB-OUTS SHALL CONFORM TO THE FOLLOWING:
- a. EACH OUTLET SHALL BE SUITABLY LOCATED AT THE LOWEST ELEVATION ON THE LOT, SO AS TO SERVICE ALL FUTURE ROOF DOWNSPOUTS AND FOOTING DRAINS, DRIVEWAYS, YARD DRAINS, AND ANY OTHER SURFACE OR SUBSURFACE DRAINS NECESSARY TO RENDER THE LOTS SUITABLE FOR THEIR INTENDED USE. EACH OUTLET SHALL HAVE FREE-FLOWING, POSITIVE DRAINAGE TO AN APPROVED STORMWATER CONVEYANCE SYSTEM OR TO AN APPROVED OUTFALL LOCATION.
 - b. OUTLETS ON EACH LOT SHALL BE LOCATED WITH A FIVE-FOOT-HIGH, 2" X 4" STAKE MARKED "STORM" OR "DRAIN". THE STUB-OUT SHALL EXTEND ABOVE SURFACE LEVEL, BE VISIBLE, AND BE SECURED TO THE STAKE.
 - c. PIPE MATERIAL SHALL CONFORM TO UNDERDRAIN SPECIFICATIONS DESCRIBED IN THE PUBLIC WORKS STANDARDS AND, IF NON-METALLIC, THE PIPE SHALL CONTAIN WIRE OR OTHER ACCEPTABLE DETECTION.
 - d. DRAINAGE EASEMENTS ARE REQUIRED FOR DRAINAGE SYSTEMS DESIGNED TO CONVEY FLOWS THROUGH INDIVIDUAL LOTS.
 - e. THE APPLICANT/CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE LOCATIONS OF ALL STUB-OUT CONVEYANCE LINES WITH RESPECT TO THE UTILITIES (E.G. POWER, GAS, TELEPHONE, TELEVISION).
 - f. ALL INDIVIDUAL STUB-OUTS SHALL BE PRIVATELY OWNED AND MAINTAINED BY THE LOT HOMEOWNER.
8. ACCEPTABLE STORM PIPE MATERIAL IS AS FOLLOWS: PLAIN AND REINFORCED CONCRETE PIPE; CORRUGATED OR SPIRAL RIB ALUMINUM PIPE; CORRUGATED STEEL PIPE (ALUMINIZED OR GALVANIZED WITH TREATMENTS 1, 2 OR 5); SPIRAL RIB STEEL PIPE (ALUMINIZED OR GALVANIZED WITH TREATMENTS 1, 2 OR 5); DUCTILE IRON PIPE (WATER SUPPLY, CLASS 50 OR 52); POLYPROPYLENE CULVERT OR STORM SEWER PIPE (WSDOT SECTION 9-05.24), HIGH DENSITY POLYETHYLENE PIPE (HDPE, INCLUDING SOLID WALL POLYETHYLENE PIPE). REFER TO THE 2016 KING COUNTY SURFACE WATER DESIGN MANUAL SECTION 4.2 AND THE 2016 SAMMAMISH SURFACE WATER DESIGN MANUAL ADDENDUM CHAPTER 4 FOR DETAILS.
9. MINIMUM COVER OVER STORM DRAINAGE PIPES AND FACILITIES SHALL BE TWO FEET (2') UNLESS OTHERWISE SHOWN AND APPROVED.
10. THE MOST RECENTLY UPDATED WSDOT STANDARD PLANS SECTION B SHALL BE USED TO DETERMINE ACCEPTABLE DESIGN AND CONSTRUCTION STANDARDS FOR DRAINAGE STRUCTURES.
11. CATCH BASINS WITH A DEPTH OF OVER FIVE FEET (5') TO THE PIPE INVERT SHALL BE A TYPE II CATCH BASIN. TYPE II CATCH BASINS EXCEEDING FIVE FEET (5') IN DEPTH SHALL HAVE A STANDARD LADDER INSTALLED. ALL MANHOLE LADDERS SHALL BE FIRMLY ATTACHED AND EXTEND TO WITHIN 16" OF THE BOTTOM OF THE STRUCTURE. LADDERS REQUIRED WITHIN DRAINAGE STRUCTURES SHALL NOT BLOCK INLET OR OUTLET PIPES AND MUST BE ACCESSIBLE FROM STRUCTURE OPENING. REFER TO WSDOT STANDARD PLANS FOR DETAILS AND SPECIFICATIONS.
12. ALL CATCH BASIN INLETS LOCATED OUTSIDE OF SURFACE WATER FLOW LINE SHALL BE TYPE 2 WITH SOLID ROUND LOCKING COVERS. FOR STRUCTURES LOCATED IN ROADWAYS, LIDS SHALL NOT BE LOCATED WITHIN THE WHEEL PATH.
13. ALL INLET, MANHOLE, AND CATCH BASIN FRAMES AND GRATES SHALL NOT BE ADJUSTED TO GRADE UNTIL IMMEDIATELY PRIOR TO FINAL PAVING, EXCEPT CATCH BASIN INLETS LOCATED IN THE CURB FLOW LINE. ALL CATCH BASIN GRATES SHALL BE SET 0.10' BELOW PAVEMENT LEVEL.
14. ALL CATCH BASIN GRATES SHALL BE VANED GRATES OR SOLID LID COVERS. HERRINGBONE GRATES ARE NOT ALLOWED. ALL CATCH BASINS LOCATED IN UNPAVED AREAS MUST HAVE AT LEAST A TWO (2) FEET WIDE AND FOUR (4) INCH THICK ASPHALT RING AROUND THE PERIMETER.
15. 12-INCH IS THE MINIMUM NOMINAL SURFACE WATER CONVEYANCE PIPE DIAMETER TO BE MAINTAINED BY THE CITY.
16. MAXIMUM PIPE RUN BETWEEN STRUCTURES SHALL BE 300 FEET. FOR MAINTENANCE OF STRUCTURES, A TRUCK TURNAROUND SHALL BE PROVIDED. MAXIMUM DISTANCE BETWEEN MAINTENANCE VEHICLE ACCESS AND DRAINAGE STRUCTURE SHALL BE 150 FEET.
17. MINIMUM PIPE SLOPE SHALL BE 0.5%.
18. ONCE BACKFILL IS COMPLETE, THE LINE AND GRADE AT PIPE FLOW LINE LEAVING STANDING WATER GREATER THAN ONE-HALF INCH IN DEPTH SHALL NOT BE ACCEPTED AND MUST BE REPAIRED PRIOR TO ACCEPTANCE BY THE CITY.
19. ROOF AND FOOTING DRAINS SHALL BE CONNECTED TO THE STORM DRAIN SYSTEM SEPARATELY.
20. ALL PUBLIC STORMWATER FACILITIES SHALL BE DRAINED, JETTED, AND CLEANED PRIOR TO FINAL PLAT, PRIOR TO ACCEPTANCE INTO MAINTENANCE AND DEFECT PERIOD AND PRIOR TO THE RELEASE OF MAINTENANCE AND DEFECT INCLUDING ALL STORM PONDS, VAULTS, CATCH BASINS, AND CONVEYANCE PIPES.
21. ALL PRIVATE STORMWATER FACILITIES SHALL BE DRAINED, JETTED, AND CLEANED PRIOR TO FINAL OCCUPANCY.
22. ALL FILTER CARTRIDGES SHALL BE INSPECTED EVERY SIX MONTHS DURING THE MAINTENANCE AND DEFECT PERIOD TO PROVIDE PROPER FUNCTION AND SHALL BE REPLACED PRIOR TO RELEASE OF MAINTENANCE AND DEFECT.

STORM DRAINAGE NOTES (CONTINUED):

23. PRIOR TO FINAL PAVING ALL STORMWATER PIPE LOCATED IN THE PUBLIC RIGHT-OF-WAY OR IDENTIFIED TO BE MAINTAINED BY THE CITY IN A PUBLIC EASEMENT SHALL BE RECORDED UNDER CLOSED CIRCUIT TELEVISION (CCTV). AN ELECTRONIC COPY SHALL BE SUBMITTED TO THE PUBLIC WORKS DEPARTMENT FOR REVIEW AND APPROVAL.
24. LOW IMPACT DEVELOPMENT (LID) INFILTRATION AND DISPERSION AREAS SHALL BE PROTECTED FROM COMPACTION AND SEDIMENT ACCUMULATION DURING CONSTRUCTION. SCARIFY BOTTOM OF ALL INFILTRATION FACILITIES INCLUDING RAIN GARDENS, BIORETENTION AREAS, POROUS PAVEMENTS, INFILTRATION TRENCHES, DRY WELLS, AND INFILTRATION FACILITIES MINIMUM 12-INCHES PRIOR TO BACKFILL WITH ROCK OR MEDIA. ALL BACKFILL SHALL BE MINIMALLY COMPACTED UP TO 85% DENSITY OR AS SPECIFIED ON PLANS.
25. ALL ROCKERY OR RETAINING WALL DRAINS SHALL BE CONNECTED TO THE STORM DRAIN SYSTEM, OR DAYLIGHTED TO AN ACCEPTABLE DISCHARGE LOCATION AS APPROVED BY THE CITY.
26. PRIOR TO FINAL PLAT APPROVAL, ALL PUBLIC AND PRIVATE STORMWATER FACILITIES SHALL BE CONSTRUCTED AND IN FULL OPERATION. THESE FACILITIES SHALL INCLUDE THE STORMWATER CONVEYANCE SYSTEM, DETENTION, WATER QUALITY, LOW IMPACT DEVELOPMENT BEST MANAGEMENT PRACTICES (LID BMPS) AND ANY REQUIRED MONITORING FACILITIES. THE CONVEYANCE SYSTEM SHALL INCLUDE ALL DRAINAGE STRUCTURES, PIPING, DITCHING, CURB, GUTTER, AND ROAD PAVING WITH THE EXCEPTION OF THE FINAL LIFT OF ASPHALT. UNLESS USED TO REDUCE THE SIZE OF DETENTION OR WATER QUALITY FACILITIES, LID BMPS SUCH AS BASIC DISPERSION AND INFILTRATION DEVICES LOCATED ON INDIVIDUAL SINGLE FAMILY RESIDENTIAL LOTS MAY BE CONSTRUCTED WITH SFR BUILDING PERMIT AND ARE NOT REQUIRED TO BE CONSTRUCTED PRIOR TO FINAL PLAT. IF SINGLE FAMILY LID BMPS WERE USED TO REDUCE THE SIZE OF DETENTION OR WATER FACILITIES (CREDIT GIVEN), LID BMPS SHALL BE CONSTRUCTED AND IN FULL OPERATION PRIOR TO FINAL PLAT APPROVAL.
27. THE DEVELOPER SHALL PURCHASE FROM THE CITY AND INSTALL STORM DRAIN MARKERS AND ADHESIVE, STATING "ONLY RAIN DOWN THE DRAIN", ON ALL CATCH BASINS. INSTALLATION INSTRUCTIONS ARE PROVIDED WITH THE DRAIN MARKERS. PLACEMENT ON ROADWAY ASPHALT SHALL BE AVOIDED.
28. THE 100-YEAR DESIGN ELEVATION OF DOWNSTREAM STORMWATER FACILITIES SUCH AS STORMWATER PONDS OR VAULTS SHALL BE AT OR BELOW ALL PIPE INVERTS. EXCEPTION TO THIS STANDARD IS THE PIPE FROM THE FIRST CATCH BASIN JUST UPSTREAM OF THE STORMWATER FACILITY MAY BE SUBMERGED TO ALLOW PIPE INLET TO FACILITY TO BE SUBMERGED.
29. IMPROVEMENTS AND/OR BUILDINGS SHALL NOT BE INSTALLED UNTIL DRAINAGE FACILITIES ARE "IN OPERATION", (SMC 13.20.060).

PATH: U:\P50\Projects\Clients\1521-1521-075-ELST\98\scs\CA00\Phase 2\T03\DWg\ PLOTTED BY: mccabrya DATE: Sunday, March 10, 2019 6:51:05 PM LAYOUT: GNI

REVISIONS	DATE	BY	DESIGNED
			R. MCCABE
			DRAWN R. MCCABE
			CHECKED R. PARKER
			APPROVED D. PROCTOR

ONE INCH AT FULL SCALE. IF NOT SCALE ACCORDINGLY
FILE NAME BL1521075P21T03GN-01
JOB No. 554-1521-075 P21T03
DATE FEBRUARY 2019



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PROJECT NAME

**KING COUNTY PARKS AND RECREATION
INGLEWOOD HILL ROAD
PARKING LOT - PHASE 1**

SAMMAMISH, WA

**CITY OF SAMMAMISH
STANDARD NOTES**

SHEET NO.
19 OF 24

GN1

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

CITY OF SAMMAMISH STAMPS

PATH: U:\PSO\Projects\Clients\1521-kingdo\584-1521-075-ELST\99Seca\CADD\Phase 21\103\DWg\ LAYOUT: GN2 PLOTTED BY: mcccbrya DATE: Sunday, March 10, 2019 6:51:10 PM

ROADWAY NOTES:

- ALL CONCRETE FOR SIDEWALKS AND CURB AND GUTTER MUST BE 4,000-PSI MINIMUM AND FOUR (4) INCHES THICK WHEN NOT VEHICLE ACCESSIBLE AND SIX (6) INCHES THICK WHEN ACCESSIBLE TO VEHICLES OR EIGHT (8) INCHES THICK IN COMMERCIAL DRIVEWAYS.
- IN THE CASE OF NEW ROAD CONSTRUCTION OR RECONSTRUCTION REQUIRING MAILBOXES TO BE MOVED OR REARRANGED, THE APPLICANT/CONTRACTOR SHALL COORDINATE WITH THE U.S. POSTAL SERVICE FOR THE NEW LOCATION OF THE MAILBOX STRUCTURE, AND SHALL NOTIFY THE CITY PUBLIC WORKS CONSTRUCTION INSPECTOR AND MAILBOX USER(S) OF THE CHANGE A MINIMUM OF TWO (2) WEEKS BEFORE IT OCCURS.
- ANY ROADWAY SIGNAGE OR STRIPING THAT IS DAMAGED, REMOVED, OR TEMPORARILY RELOCATED BY THE CONTRACTOR SHALL BE RESTORED TO MEET THE CURRENT CITY OF SAMMAMISH PUBLIC WORKS STANDARDS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ADEQUATE TEMPORARY TRAFFIC CONTROL TO ENSURE TRAFFIC SAFETY DURING CONSTRUCTION ACTIVITIES. THEREFORE, THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE CITY PUBLIC WORKS CONSTRUCTION INSPECTOR AT LEAST 48 HOURS PRIOR TO STARTING ANY WORK IN THE RIGHT-OF-WAY. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) OR AS APPROVED BY THE TRAFFIC ENGINEER.
- WHERE A SIDEWALK IS TO BE CONSTRUCTED ABOVE A SLOPE OR ADJACENT TO A ROCKERY OR RETAINING WALL WHERE THE LOWEST FINISHED ELEVATION OF THE SLOPE, ROCKERY, OR RETAINING WALL IS TO BE THIRTY INCHES (30") OR MORE BELOW THE FINISHED ELEVATION OF THE SIDEWALK, A SAFETY RAILING SHALL BE REQUIRED WHEN: (A) THE VERTICAL WALL FACE IS LESS THAN FOUR FEET IN HORIZONTAL DISTANCE FROM THE NEAR SIDE FACE OF THE FACILITY; (B) THE VERTICAL WALL FACE IS GREATER THAN FOUR FEET HORIZONTALLY TO THE NEAR SIDE FACE OF THE FACILITY AND THE SLOPE TO THE WALL IS STEEPER THAN 1V:3H; (C) THE SLOPES ADJACENT TO THE FACILITY AVERAGE GREATER THAN 1V:2H. SEE FIGURE 15.3 OF THE PUBLIC WORKS STANDARDS.
- DEAD-END STREETS SHALL BE SIGNED IN ACCORDANCE WITH THE MUTCD. WHERE A ROADWAY CONNECTION IS PLANNED, SIGNAGE SHALL BE PROVIDED TO DESIGNATE A FUTURE ROADWAY EXTENSION.
- SIDEWALK AND CURB AND GUTTER CANNOT BE POURED MONOLITHICALLY. THERE MUST BE A FULL DEPTH EXPANSION JOINT BETWEEN THEM.
- THE DEVELOPER SHALL COORDINATE WITH PUGET SOUND ENERGY FOR THE DESIGN AND INSTALLATION OF STREETLIGHTS ON ALL NEWLY CREATED PUBLIC ROADWAYS AND EXISTING ROADWAYS THAT ARE LOCAL STREETS. NEW STREETLIGHTS ON ARTERIAL STREETS SHALL BE DESIGNED BY CONSULTANT ENGINEER AND APPROVED BY THE CITY.
- WHEN AN EXISTING ROADWAY IS TO RECEIVE A HALF-STREET OVERLAY, THE EXISTING ROADWAY MUST BE COLD PLANED AT THE EDGE OF THE GUTTER AND CENTERLINE. WHEN THE EXISTING ROADWAY IS TO RECEIVE A FULL-STREET OVERLAY, IT MUST BE COLD PLANED FOR THE FULL WIDTH OF THE ROADWAY.
- ALL NEW CHANNELIZATION AND SIGNAGE SHALL BE PROVIDED AND LAID OUT CONSISTENT WITH THE CITY OF SAMMAMISH PUBLIC WORKS TRAFFIC ENGINEER APPROVAL. CONTACT THE CITY TRAFFIC ENGINEER AT LEAST ONE (1) WEEK PRIOR TO SCHEDULING CHANNELIZATION.
- ALL NEW SIGNS REQUIRED IN THE PUBLIC RIGHT-OF-WAY MUST BE INSTALLED BY THE APPLICANT/CONTRACTOR PER CITY OF SAMMAMISH PUBLIC WORKS STANDARDS. PROCUREMENT AND INSTALLATION SHALL BE PAID FOR BY THE APPLICANT/CONTRACTOR. TO INITIATE SIGNAGE INSTALLATION, CONTRACTOR SHALL CONTACT THE PUBLIC WORKS INSPECTOR A MINIMUM OF SIX (6) WEEKS PRIOR TO FINAL PLAT/FINAL ACCEPTANCE. TEMPORARY STREET SIGNS MAY BE REQUIRED FOR INTERNAL PLAT ROADS FOR EMERGENCY VEHICLE ACCESS. ANY NO PARKING SIGNS SHALL BE INSTALLED PRIOR TO FINAL PLAT.
- WHEN INSTALLING NEW SIDEWALK, THE AREA BEHIND THE SIDEWALK MUST BE GRADED SO THAT SURFACE WATER DOES NOT DRAIN OVER THE SIDEWALK.
- ANY EXISTING PUBLIC IMPROVEMENTS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED OR REPAIRED PRIOR TO RELEASE OF MAINTENANCE AND DEFECT.
- OPEN CUT ROAD CROSSINGS FOR UTILITY TRENCHES ON EXISTING TRAVELED ROADWAY SHALL BE BACKFILLED ONLY WITH 5/8" MINUS CRUSHED ROCK AND MECHANICALLY COMPACTED (UNLESS OTHERWISE APPROVED BY THE CITY). FOR STREETS CLASSIFIED AS ARTERIALS, BACKFILL FOR CROSSINGS SHALL BE CDF. CUTS INTO THE EXISTING ASPHALT SHALL BE NEAT LINE CUT WITH SAW OR JACKHAMMER IN A CONTINUOUS LINE. A TEMPORARY COLD MIX PATCH MUST BE PLACED IMMEDIATELY AFTER BACKFILL AND COMPACTION. A PERMANENT HOT MIX PATCH SHALL BE PLACED WITHIN 30 DAYS AND SHALL BE A MINIMUM OF 1" THICKER THAN THE ORIGINAL ASPHALT WITH A MINIMUM THICKNESS OF 2".
- ALL TRENCH BACKFILL SHALL BE COMPACTED TO 95 PERCENT DENSITY (MODIFIED PROCTOR ASTM-D1557) IN ROADWAYS, ROADWAY SHOULDERS, ROADWAY PRISM AND DRIVEWAYS, AND 90 PERCENT DENSITY (MODIFIED PROCTOR ASTM-D1557) IN UNPAVED AREAS. ALL PIPE ZONE COMPACTION SHALL BE 95 PERCENT (MODIFIED PROCTOR ASTM-D1557).
- WHEN CONSTRUCTING NEW CURB AND GUTTER THAT DOES NOT ALIGN WITH THE EXISTING EDGE OF PAVEMENT, THE ROADWAY MUST BE TAPERED AND SHALL MEET THE CURRENT CITY PUBLIC WORKS STANDARDS.
- WHEN AN EXISTING ROADWAY IS TO BE WIDENED, THE EXISTING PAVEMENT MUST BE SAW CUT AT LEAST ONE FOOT FROM THE EDGE TO PROVIDE A PROPER MATCH BETWEEN NEW AND EXISTING ASPHALT. WHEN THE EXISTING PAVEMENT CONDITION PREVENTS A STRAIGHT CUT, THE SAW CUT MUST BE MADE AT THE NEAREST LANE EDGE. ALL SAW CUTS SHALL BE PARALLEL OR PERPENDICULAR TO THE RIGHT-OF-WAY CENTERLINE.
- ALL PEDESTRIAN ACCESS AREAS INCLUDING SIDEWALKS AND SIDEWALK RAMPS SHALL BE CONSISTENT WITH CURRENT ADA REQUIREMENTS. IT IS THE RESPONSIBILITY OF THE ENGINEER, CONTRACTOR, AND APPLICANT TO ENSURE ALL PEDESTRIAN ACCESS MEET CURRENT ADA STANDARDS. WHEN THIS CANNOT BE MET, MAXIMUM EXTENT FEASIBLE (MEF) DOCUMENTATION SHALL BE SUBMITTED TO THE CITY PRIOR TO FINAL ACCEPTANCE.
- PROOF ROLLING SHALL BE REQUIRED OF ALL SIDEWALKS, CURBS, AND ROADWAYS AT THE DISCRETION OF THE CITY PUBLIC WORKS CONSTRUCTION INSPECTOR TO ENSURE ADEQUATE COMPACTION.

GENERAL NOTES:

- ALL DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH PERMIT CONDITIONS, THE SAMMAMISH MUNICIPAL CODE (SMC), THE SAMMAMISH PUBLIC WORKS STANDARDS (PWS) AND THE CONDITIONS OF APPROVAL. IT SHALL BE THE SOLE RESPONSIBILITY OF THE APPLICANT/CONTRACTOR AND THE PROFESSIONAL CIVIL ENGINEER TO CORRECT ANY ERROR, OMISSION, OR DEVIATION FROM THE ABOVE REQUIREMENTS FOUND IN THESE PLANS. ALL CORRECTIONS SHALL BE AT NO ADDITIONAL COST OR LIABILITY TO THE CITY OF SAMMAMISH.
- THE DESIGN ELEMENTS WITHIN THESE PLANS HAVE BEEN REVIEWED ACCORDING TO THE CITY OF SAMMAMISH PUBLIC WORKS DEVELOPMENT REVIEW CHECKLIST. ANY DEVIATION FROM ADOPTED STANDARDS IS NOT ALLOWED UNLESS SPECIFICALLY APPROVED BY THE CITY IN WRITING PRIOR TO CONSTRUCTION.
- APPROVAL OF THIS PLAN DOES NOT CONSTITUTE AN APPROVAL OF UTILITIES NOT OWNED BY THE CITY (E.G. DOMESTIC WATER CONVEYANCE, SEWER CONVEYANCE, GAS, ELECTRICAL, ETC.).
- PRIOR TO ANY CONSTRUCTION OR DEVELOPMENT ACTIVITY, A PRECONSTRUCTION MEETING SHALL BE HELD BETWEEN THE CITY OF SAMMAMISH, THE APPLICANT(S), AND THE APPLICANT'S CONSTRUCTION REPRESENTATIVE.
- A COPY OF THESE APPROVED PLANS SHALL BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
- CONSTRUCTION HOURS ARE 7:00 AM TO 8:00 PM MONDAY THROUGH FRIDAY AND 9:00 AM TO 6:00 PM ON SATURDAYS. WORK IS NOT ALLOWED ON SUNDAYS AND SOME HOLIDAYS IN ACCORDANCE WITH SMC 16.05.030.
- IT SHALL BE THE APPLICANT'S/CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL NECESSARY CONSTRUCTION EASEMENTS BEFORE INITIATING ANY OFF-SITE WORK.
- VERTICAL DATUM SHALL BE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988) UNLESS OTHERWISE APPROVED BY THE CITY OF SAMMAMISH. HORIZONTAL DATUM SHALL BE IN THE WASHINGTON STATE PLANE COORDINATE SYSTEM, NORTH ZONE, USING NORTH AMERICAN DATUM OF 1983 (NAD 83 (1991)) UNLESS OTHERWISE APPROVED BY THE CITY.
- DEWATERING (GROUNDWATER) SYSTEM CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CURRENT WSDOT STANDARD SPECIFICATIONS.
- OPEN CUTTING OF ROADWAYS IS NOT ALLOWED UNLESS SPECIFICALLY APPROVED BY THE CITY AND NOTED ON THESE APPROVED PLANS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH, AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACTOR. ANY WORK WITHIN THE TRAVELED RIGHT-OF-WAY THAT MAY INTERRUPT NORMAL TRAFFIC FLOW SHALL REQUIRE AT LEAST ONE FLAGGER FOR EACH LANE OF TRAFFIC AFFECTED. MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SHALL APPLY. WORK IN RIGHT-OF-WAY IS NOT AUTHORIZED UNTIL A TRAFFIC CONTROL PLAN IS APPROVED BY THE CITY.
- ANY CHANGES TO THE APPROVED PLANS MUST BE SUBMITTED TO THE CITY IN WRITING. NO CONSTRUCTION ON THESE CHANGES SHALL BEGIN UNTIL APPROVED BY THE CITY.
- PER RCW SECTION 19.122, CALL 811 BETWEEN TEN (10) AND TWO (2) BUSINESS DAYS BEFORE BEGINNING EXCAVATION WHERE ANY UNDERGROUND UTILITIES MAY BE LOCATED. FAILURE TO DO SO COULD MEAN BEARING SUBSTANTIAL REPAIR COSTS.
- APPROXIMATE LOCATIONS OF EXISTING UTILITIES HAVE BEEN OBTAINED FROM AVAILABLE RECORDS AND ARE SHOWN FOR CONVENIENCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF EXISTING UTILITY LOCATIONS WHETHER OR NOT THESE UTILITIES ARE SHOWN ON THE PLANS. THE CONTRACTOR SHALL EXERCISE ALL CARE TO AVOID DAMAGE TO ANY UTILITY. IF CONFLICTS WITH EXISTING UTILITIES ARISE DURING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE CITY PUBLIC WORKS CONSTRUCTION INSPECTOR AND ANY CHANGES REQUIRED SHALL BE APPROVED BY THE CITY OF SAMMAMISH PUBLIC WORKS DEPARTMENT PRIOR TO COMMENCEMENT OF RELATED CONSTRUCTION ON THE PROJECT. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT UTILITY LOCATES ARE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
- ALL DAMAGES INCURRED TO PUBLIC AND/OR PRIVATE PROPERTY BY THE CONTRACTOR DURING THE COURSE OF CONSTRUCTION SHALL BE PROMPTLY REPAIRED TO THE SATISFACTION OF THE PUBLIC WORKS CONSTRUCTION INSPECTOR BEFORE PROJECT APPROVAL AND/OR THE RELEASE OF THE PROJECT'S PERFORMANCE BOND.
- ALL LANDSCAPED AREAS OF THE PROJECT SHALL INCLUDE A MINIMUM OF 8-INCHES OF COMPOSTED SOIL AMENDMENT ATOP A MINIMUM OF 4-INCHES SCARIFIED SOIL.
- NO FINAL CUT OR FILL SLOPE SHALL EXCEED SLOPES OF TWO (2) HORIZONTAL TO ONE (1) VERTICAL WITHOUT STABILIZATION BY ROCKERY OR BY A STRUCTURAL RETAINING WALL, UNLESS DESIGNED AND COMPLETED UNDER THE SUPERVISION OF A LICENSED GEOTECHNICAL ENGINEER.
- THESE PLANS ARE APPROVED FOR STANDARD ROAD AND DRAINAGE IMPROVEMENTS ONLY. STRUCTURES SUCH AS BRIDGES, VAULTS, AND RETAINING WALLS REQUIRE ADDITIONAL PERMITS FROM THE CITY PRIOR TO CONSTRUCTION.
- NO MATERIALS OR EQUIPMENT SHALL BE PLACED OR STORED ON PUBLIC RIGHT-OF-WAY AT ANY TIME.
- ANY CONSTRUCTION RESULTING IN A NEED FOR TRAFFIC CONTROL WITHIN THE PUBLIC RIGHT-OF-WAY SHALL REQUIRE A RIGHT-OF-WAY PERMIT APPROVED BY THE CITY.
- CONSTRUCTION NOISE SHALL BE LIMITED TO THE CONSTRUCTION HOURS AS STATED IN SMC 16.05.030.

STORMWATER POLLUTION PREVENTION AND SPILL CONTROL NOTES:

- POLLUTANTS, INCLUDING WASTE MATERIALS, THAT OCCUR ONSITE SHALL BE HANDLED AND DISPOSED OF IN A MANNER THAT DOES NOT CAUSE CONTAMINATION OF STORMWATER.
- COVER, CONTAINMENT, AND PROTECTION FROM VANDALISM SHALL BE PROVIDED FOR ALL CHEMICALS, LIQUID PRODUCTS, PETROLEUM PRODUCTS, AND NON-INERT WASTES PRESENT ON THE SITE (SEE CHAPTER 173-304 WAC FOR THE DEFINITION OF INERT WASTE). ONSITE FUELING TANKS SHALL INCLUDE SECONDARY CONTAINMENT.
- MAINTENANCE AND REPAIR OF HEAVY EQUIPMENT AND VEHICLES INVOLVING OIL CHANGES, HYDRAULIC SYSTEM DRAIN DOWN, SOLVENT AND DE-GREASING CLEANING OPERATIONS, FUEL TANK DRAIN DOWN AND REMOVAL, AND OTHER ACTIVITIES WHICH MAY RESULT IN DISCHARGE OR SPILLAGE OF POLLUTANTS TO THE GROUND OR INTO STORMWATER RUNOFF MUST BE CONDUCTED USING SPILL PREVENTION MEASURES, SUCH AS DRIP PANS. CONTAMINATED SURFACES SHALL BE CLEANED IMMEDIATELY FOLLOWING ANY DISCHARGE OR SPILL INCIDENT. EMERGENCY REPAIRS MAY BE PERFORMED ONSITE USING TEMPORARY PLASTIC PLACED BENEATH AND, IF RAINING, OVER THE VEHICLE.
- APPLICATION OF AGRICULTURAL CHEMICALS, INCLUDING FERTILIZERS AND PESTICIDES, SHALL BE CONDUCTED IN A MANNER AND AT APPLICATION RATES THAT WILL NOT RESULT IN LOSS OF CHEMICAL TO STORMWATER RUNOFF. MANUFACTURERS' RECOMMENDATIONS FOR APPLICATION RATES AND PROCEDURES SHALL BE FOLLOWED.
- MEASURES SHALL BE USED TO PREVENT OR TREAT CONTAMINATION OF STORMWATER RUNOFF BY PH MODIFYING SOURCES. THESE SOURCES INCLUDE, BUT ARE NOT LIMITED TO, BULK CEMENT, CEMENT KILN DUST, FLY ASH, NEW CONCRETE WASHING AND CURING WATERS, WASTE STREAMS GENERATED FROM CONCRETE GRINDING AND SAWING, EXPOSED AGGREGATE PROCESSES, AND CONCRETE PUMPING AND MIXER WASHOUT WATERS. STORMWATER DISCHARGES SHALL NOT CAUSE OR CONTRIBUTE TO A VIOLATION OF THE WATER QUALITY STANDARD FOR PH IN THE RECEIVING WATER.

REVISIONS	DATE	BY	DESIGNED
			R. MCCABE
			DRAWN
			R. MCCABE
			CHECKED
			R. PARKER
			APPROVED
			D. PROCTOR

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME
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JOB No.
554-1521-075 P21T03

DATE
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PROJECT NAME

KING COUNTY PARKS AND RECREATION
INGLEWOOD HILL ROAD
PARKING LOT - PHASE 1
SAMMAMISH, WA

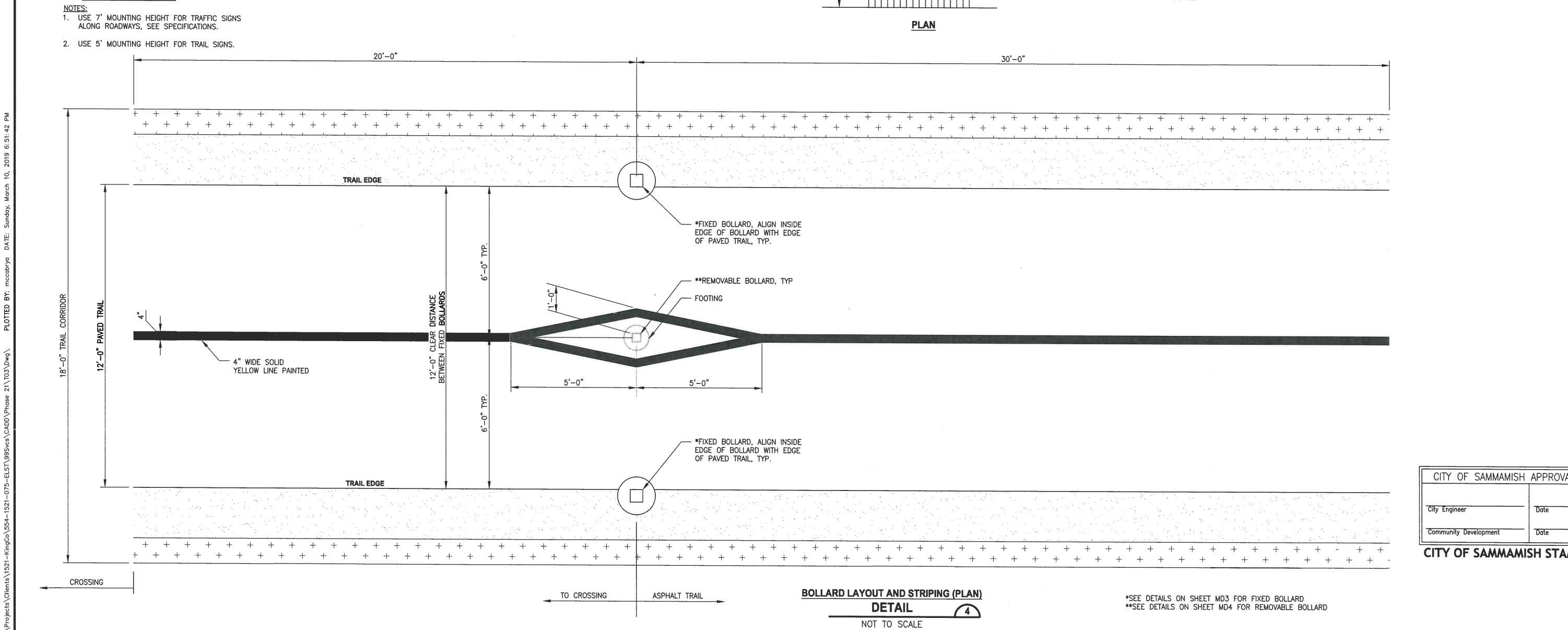
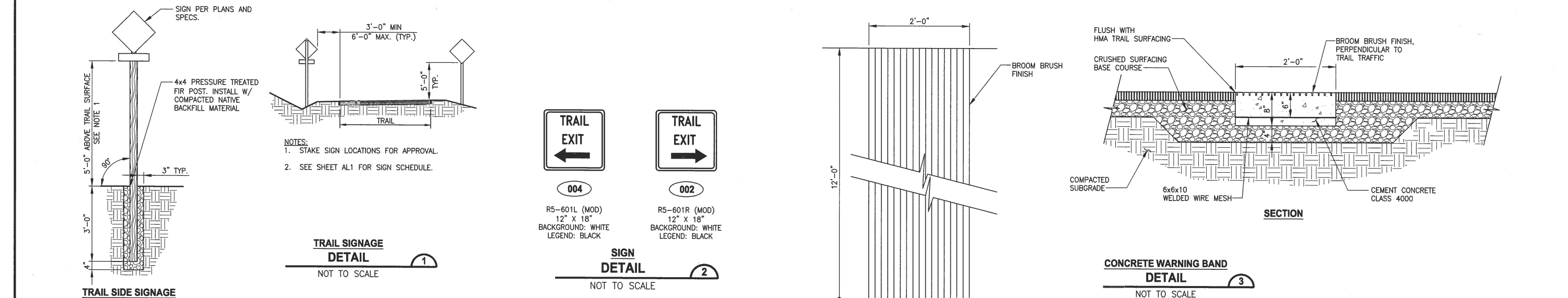
CITY OF SAMMAMISH
STANDARD NOTES

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20 OF 24

GN2

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

CITY OF SAMMAMISH STAMPS



REVISIONS	DATE	BY	DESIGNED
			R. MCCABE
			R. MCCABE
			R. PARKER
			D. PROCTOR

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PROJECT NAME
**KING COUNTY PARKS AND RECREATION
INGLEWOOD HILL ROAD
PARKING LOT - PHASE 1**
SAMMAMISH, WA

CITY OF SAMMAMISH APPROVAL

City Engineer	Date
Community Development	Date

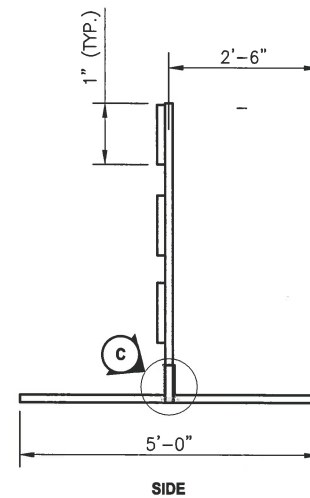
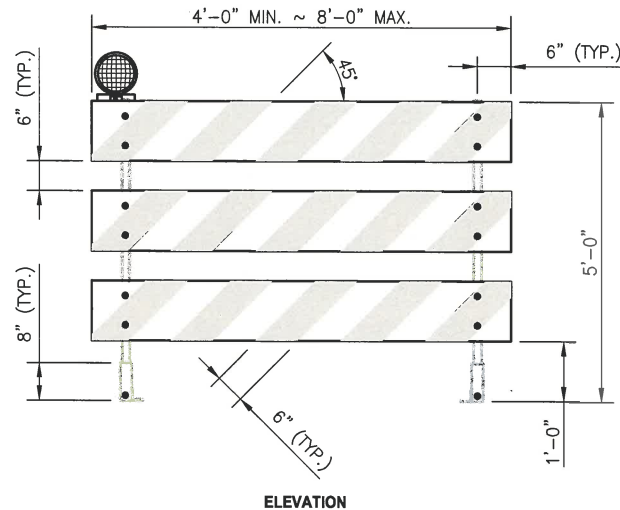
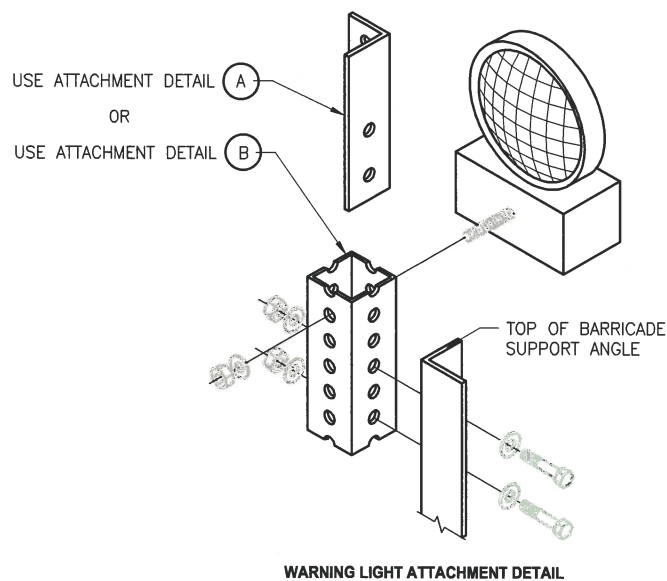
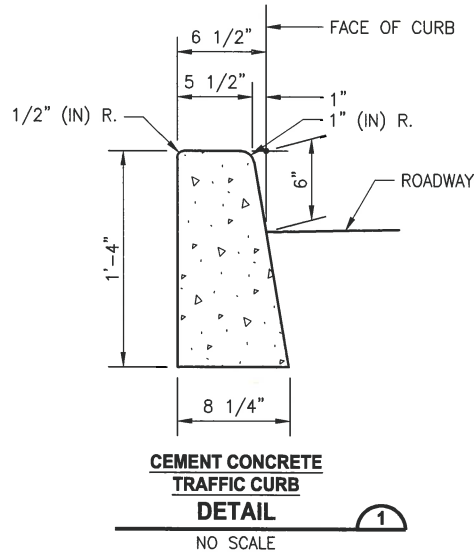
CITY OF SAMMAMISH STAMPS

DETAILS

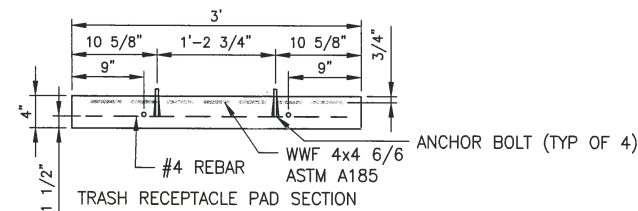
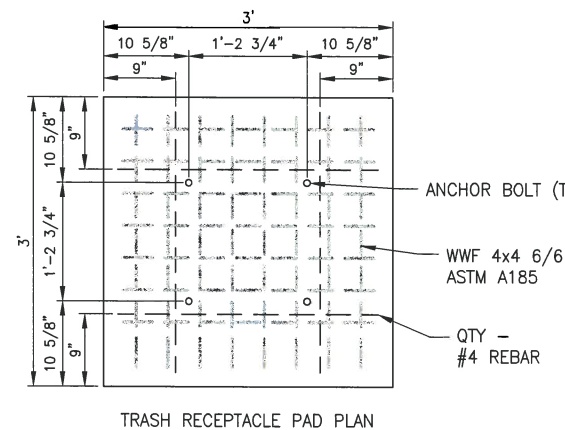
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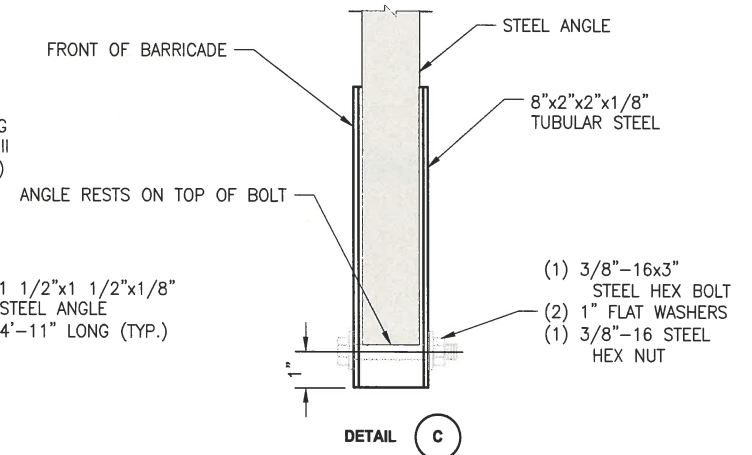
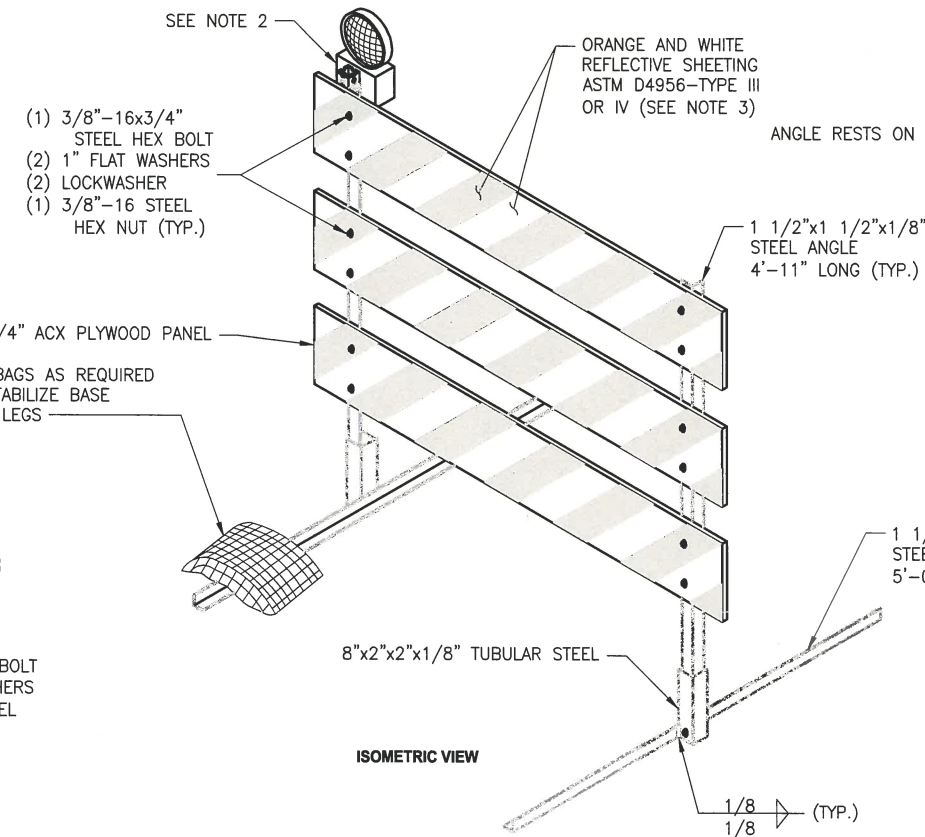
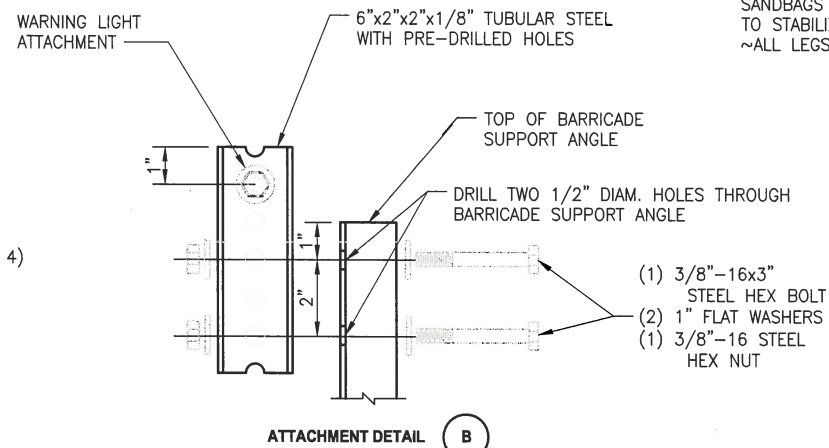
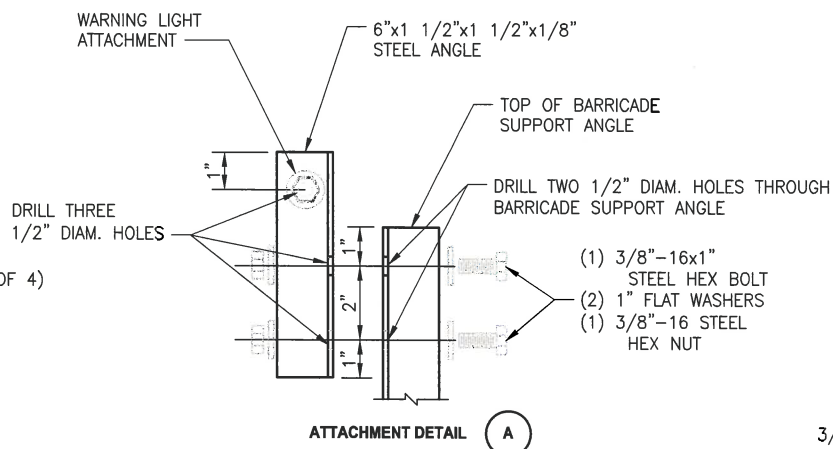
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 PLOTTED BY: mcccabya DATE: Sunday, March 10, 2019 6:51:46 PM



- NOTES
1. ALL FASTENERS MAY BE ZINC PLATED, GALVANIZED OR STAINLESS STEEL. ALL STEEL ANGLE AND TUBULAR STEEL SHALL BE HOT-ROLLED, HIGH CARBON STEEL, PAINTED OR GALVANIZED.
 2. INSTALL ONE LIGHTWEIGHT TYPE A LOW-INTENSITY FLASHING WARNING LIGHTS PER BARRICADE. INSTALL TWO TYPE A LOW-INTENSITY FLASHING WARNING LIGHTS PER BARRICADE WHEN THE BARRICADES ARE USED TO CLOSE A ROADWAY. ATTACH THE LIGHT TO THE BARRICADE ACCORDING TO THE LIGHT MANUFACTURER'S RECOMMENDATIONS OR USE THE DETAILS SHOWN ON THIS PLAN.
 3. STRIPES ON BARRICADE RAILS SHALL BE ALTERNATING ORANGE AND WHITE RETROREFLECTIVE STRIPES (SLOPING DOWNWARD AT AN ANGLE OF 45 DEGREES IN THE DIRECTION TRAFFIC IS TO PASS).
 4. THE TYPE 3 BARRICADE DESIGN SHOWN ON THIS PLAN MEETS THE CRASH REQUIREMENTS OF NCHRP 350. ALTERNATIVE DESIGNS MAY BE APPROVED IF THEY CONFORM TO THE NCHRP 350 CRASH TEST CRITERIA AND THE MUTCD.
 5. WHEN A SIGN IS MOUNTED ON THE BARRICADE, IT SHALL BE SECURELY BOLTED TO AT LEAST TWO PLYWOOD PANELS. THE TOP OF THE SIGN SHALL NOT BE HIGHER THAN THE TOP PANEL OF THE BARRICADE.
 6. WHEN SANDBAGS ARE USED IN FREEZING WEATHER, UREA FERTILIZER SHALL BE MIXED WITH THE SAND IN A QUANTITY TO PREVENT THE SAND FROM FREEZING.



- NOTES
1. CONCRETE PAD TO BE INSTALLED LEVEL AND PARALLEL TO TRAIL.
 2. ADJUST ANCHOR BOLT LOCATIONS TO MATCH TRASH RECEPTACLE ANCHOR FLANGES (SEE SPECIAL PROVISIONS SECTION 8-19).



CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

CITY OF SAMMAMISH STAMPS

REVISIONS	DATE	BY	DESIGNED
			R. MCCABE
			R. MCCABE
			R. PARKER
			D. PROCTOR

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 IF NOT, SCALE ACCORDINGLY
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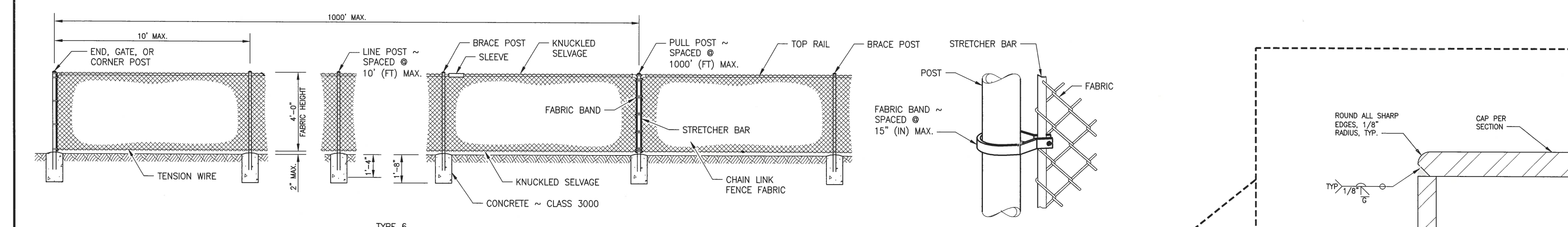


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PROJECT NAME
KING COUNTY PARKS AND RECREATION
INGLEWOOD HILL ROAD
PARKING LOT - PHASE 1
 SAMMAMISH, WA

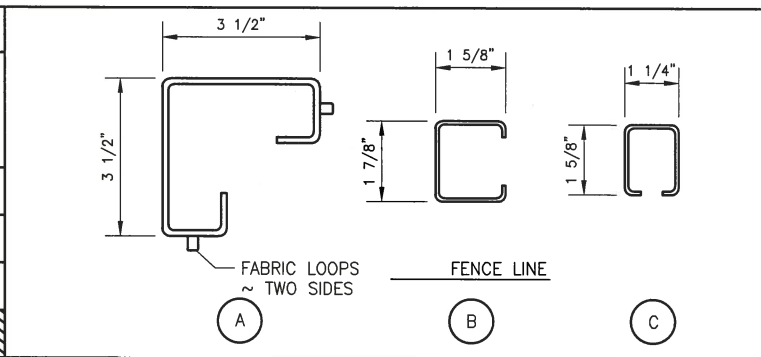
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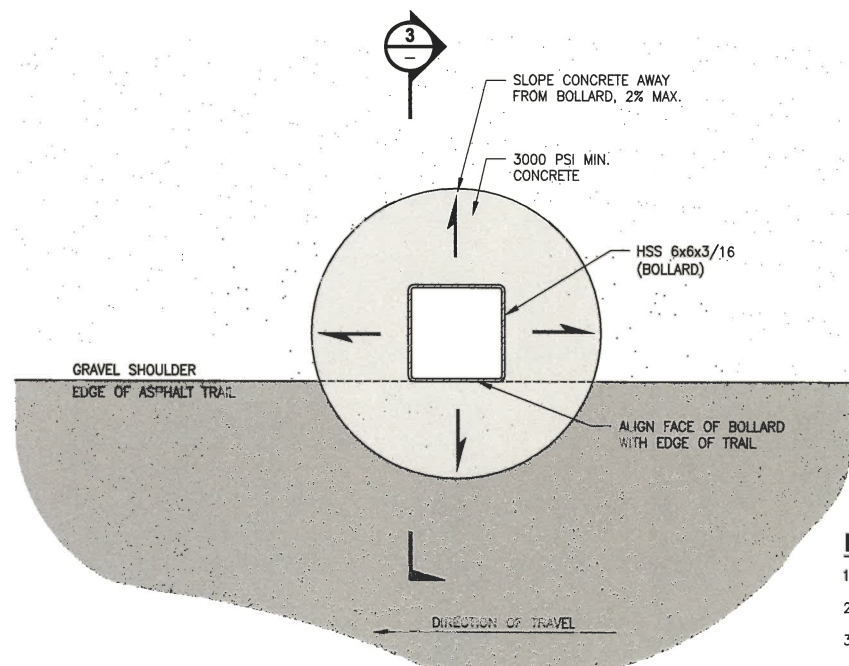
TYPE 6

POST AND RAIL SPECIFICATIONS			
MEMBER	PIPE NOM. SIZE (SCH. 40)	CONC. SECTION	WEIGHT (LB./FT.)
END, CORNER, OR PULL POST	2 1/2" DIAM.	A	5.10
LINE OR BRACE POST	2" DIAM.	B	2.40
BRACE OR TOP RAIL	1 1/4" DIAM.	C	1.35
GATE POST	3 1/2" DIAM.		



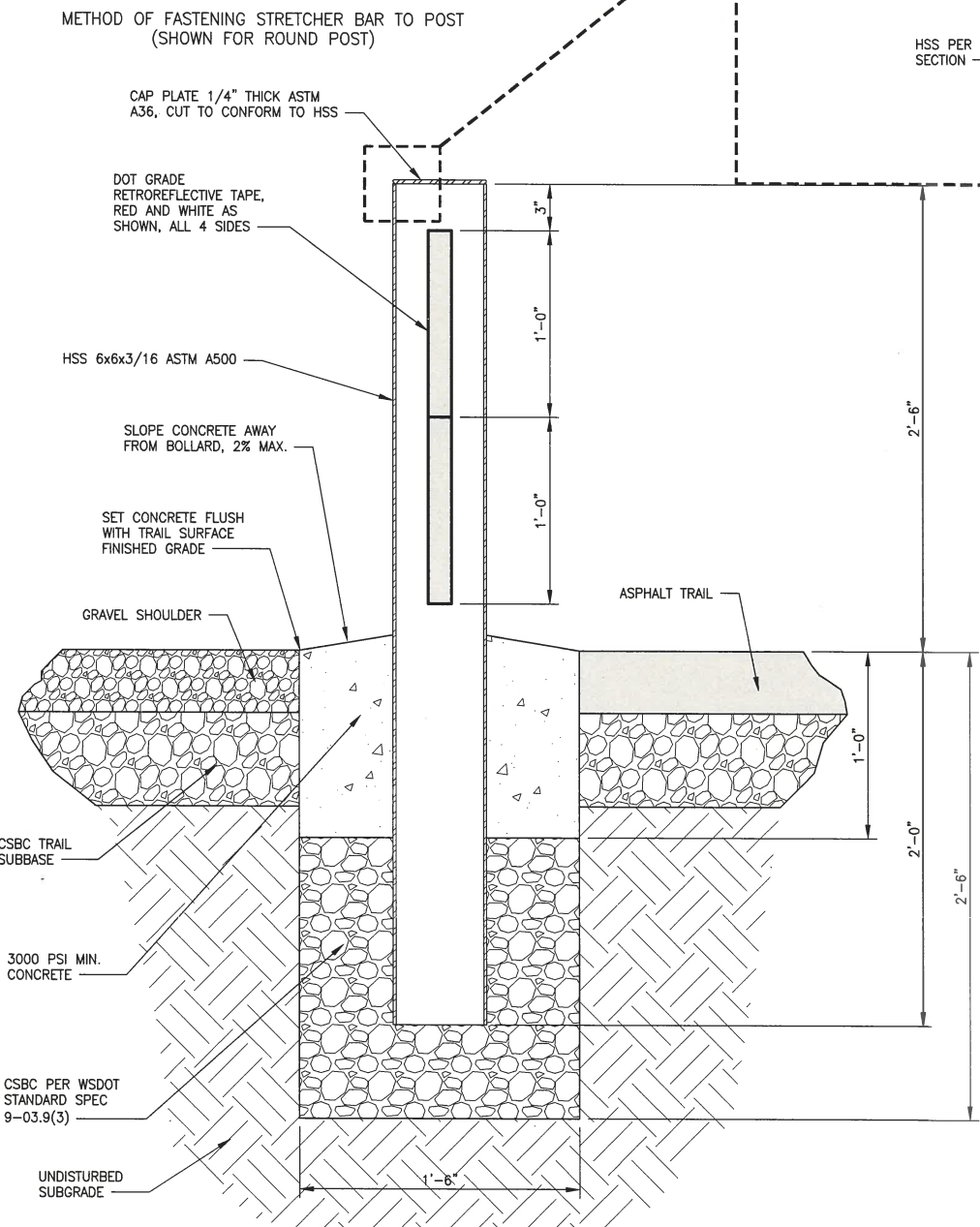
- NOTES
1. ALL CONCRETE POST BASES SHALL BE 10" (IN) MINIMUM DIAMETER.
 2. TENSION WIRE SHALL BE PLACED WITHIN THE LIMITS OF THE FIRST FULL FABRIC WEAVE.
 3. DETAILS ARE ILLUSTRATIVE AND SHALL NOT LIMIT HARDWARE DESIGN OR POST SELECTION OF ANY PARTICULAR FENCE TYPE.

COATED CHAIN LINK FENCE WITH TOP RAIL
DETAIL 1
NO SCALE



FIXED STEEL BOLLARD (PLAN VIEW)
DETAIL 2
NOT TO SCALE

- NOTES:
1. BOLLARD ASSEMBLY SHALL BE POWDER COATED WHITE AFTER WELDING.
 2. APPLY RETROREFLECTIVE TAPE PER PLAN AFTER POWDER COATING.
 3. CONCRETE SHALL ACHIEVE A 28-DAY STRENGTH OF 3,000 PSI MINIMUM.
 4. ALL WELDS SHALL CONFORM TO THE REQUIREMENTS OF AWS D1.4. WLDING SHALL BE PERFORMED BY AWS/WABO CERTIFIED WELDERS QUALIFIED FOR WELDS USING THE APPROVED ELECTRODES.



FIXED STEEL BOLLARD (ELEVATION)
DETAIL 3
NOT TO SCALE

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

CITY OF SAMMAMISH STAMPS

PATH: U:\PSD\Projects\1521-KingCo\564-1521-075-ELST\995sec\CADD\Phase 21\103.Dwg
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PLOT BY: mccabrya
DATE: Sunday, March 10, 2019 6:51:51 PM

REVISIONS	DATE	BY	DESIGNED
			R. MCCABE
			R. MCCABE
			R. PARKER
			D. PROCTOR

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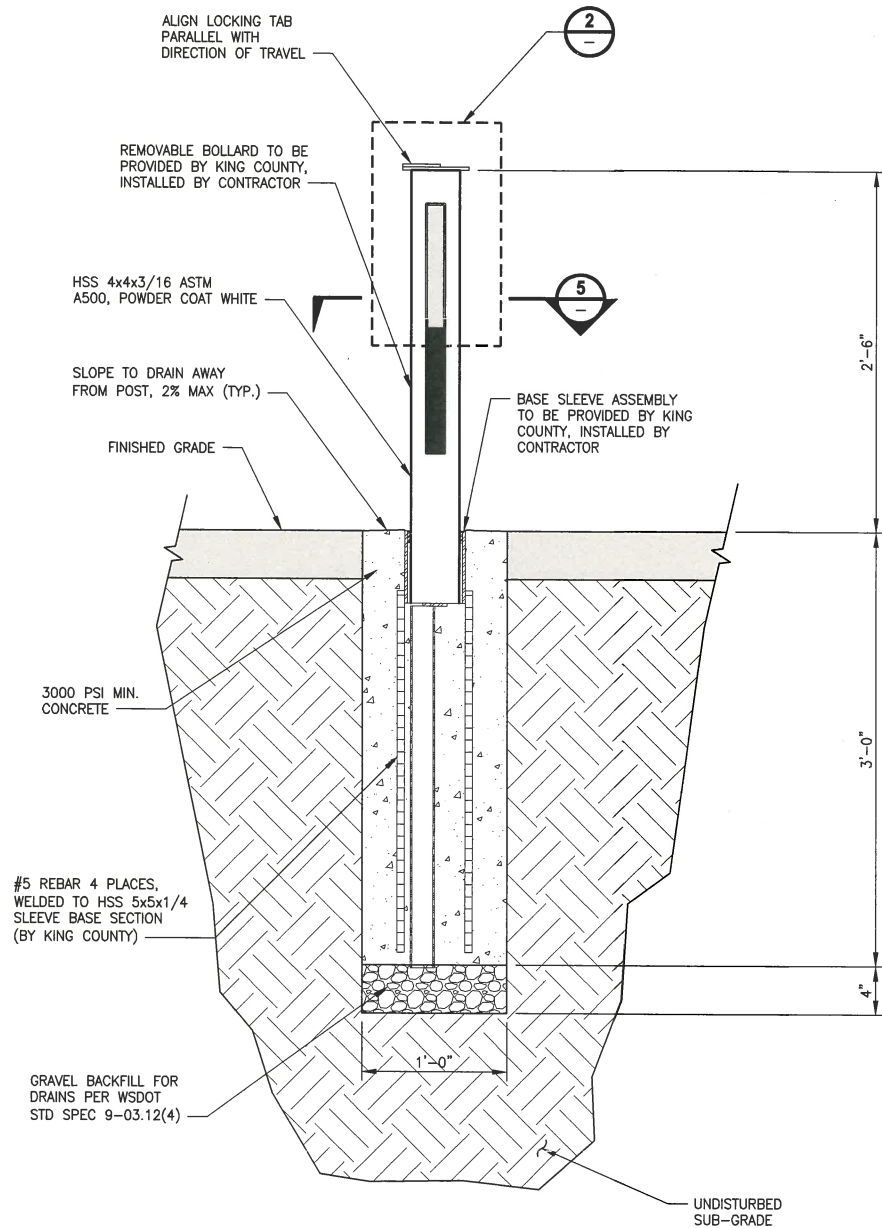
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PROJECT NAME
**KING COUNTY PARKS AND RECREATION
INGLEWOOD HILL ROAD
PARKING LOT - PHASE 1**
SAMMAMISH, WA

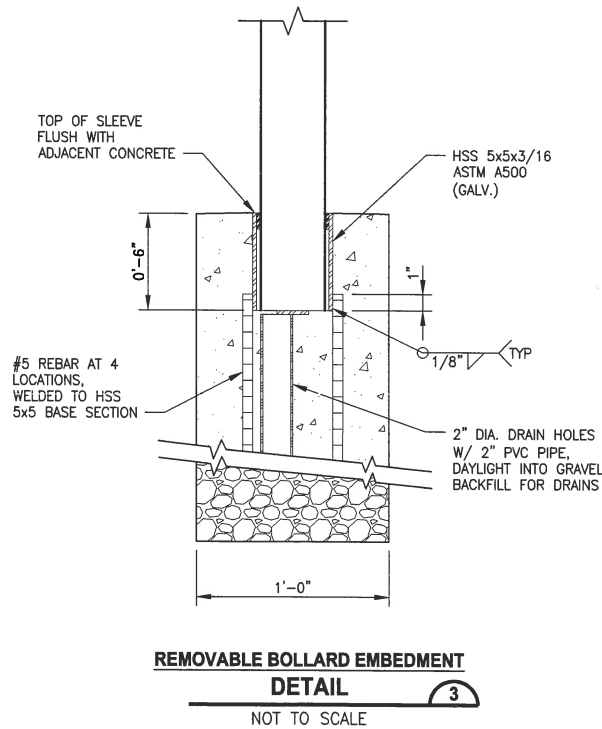
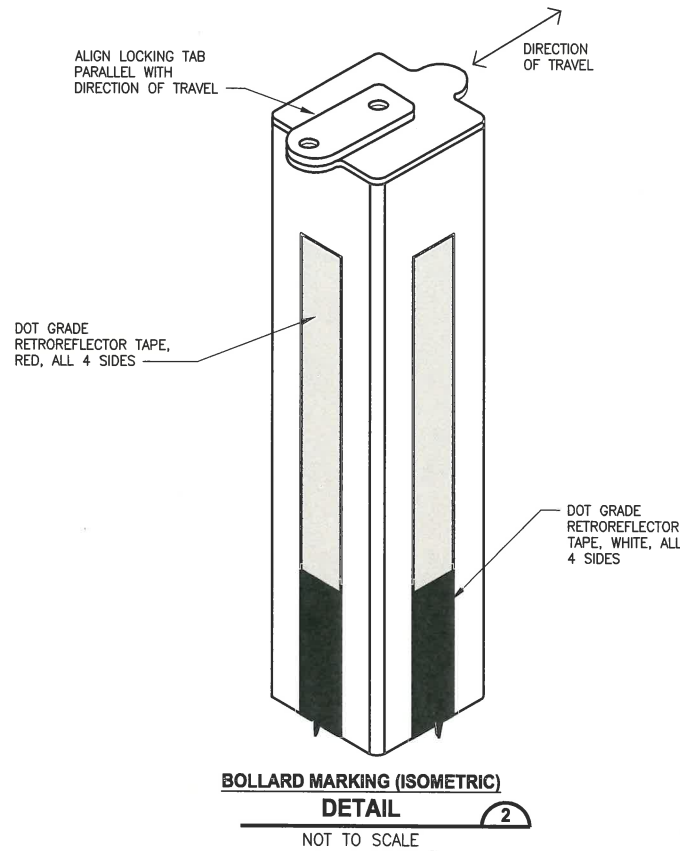
DETAILS

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23 OF 24
MD3

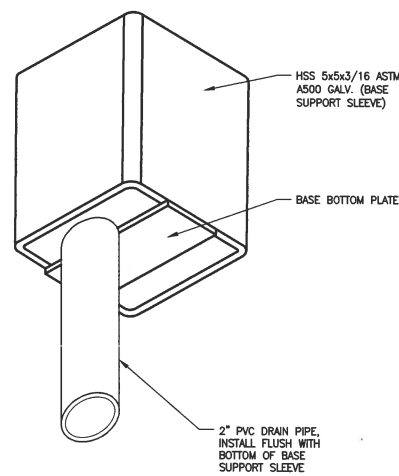
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ALLOW ONE WEEK MINIMUM FOR CONCRETE TO CURE PRIOR TO POST INSTALLATION
REMOVABLE BOLLARD (ELEVATION)
DETAIL 1
NOT TO SCALE



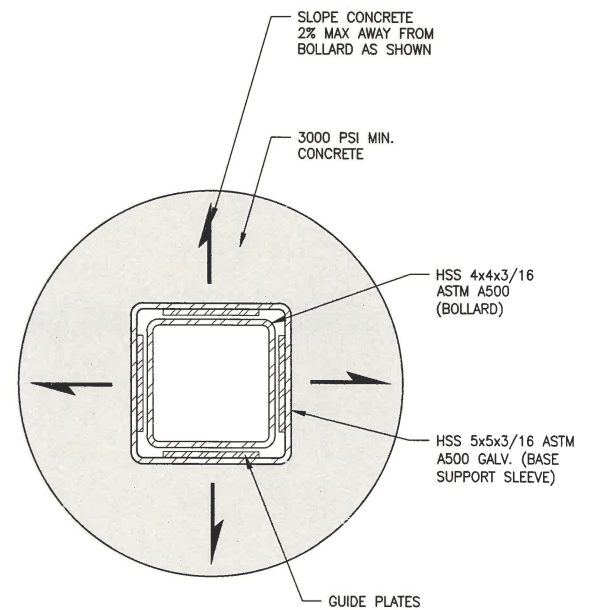
REMOVABLE BOLLARD EMBEDMENT
DETAIL 3
NOT TO SCALE



BOLLARD BASE DRAINS (ISOMETRIC)
DETAIL 4
NOT TO SCALE

NOTES:

1. REMOVABLE BOLLARD ASSEMBLY AND BASE SLEEVE ASSEMBLY PARTS ARE DESIGNED, MANUFACTURED AND PROVIDED BY KING COUNTY PARKS OPERATIONS.
2. PVC DRAIN PIPES ARE TO BE PROVIDED BY THE CONTRACTOR. INSTALLATION OF ALL PARTS SHALL BE PERFORMED BY THE CONTRACTOR.
3. GRAVEL BACKFILL FOR DRAINS SHALL CONFORM TO WSDOT STD. SPEC. 9-03.12(4).
4. CONCRETE SHALL ACHIEVE A 28-DAY STRENGTH OF 3000 PSI MINIMUM.
5. ALL WELDS SHALL CONFORM TO THE REQUIREMENTS OF AWS D1.4. WELDING SHALL BE PERFORMED BY AWS/WABO CERTIFIED WELDERS QUALIFIED FOR WELDS USING THE APPROVED ELECTRODES.



REMOVABLE BOLLARD (PLAN)
DETAIL 5
NOT TO SCALE

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

CITY OF SAMMAMISH STAMPS

REVISIONS	DATE	BY	DESIGNED
			R. MCCABE
			R. MCCABE
			R. PARKER
			D. PROCTOR

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
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DATE: FEBRUARY 2019



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PROJECT NAME
KING COUNTY PARKS AND RECREATION
INGLEWOOD HILL ROAD
PARKING LOT - PHASE 1
SAMMAMISH, WA

DETAILS

SHEET NO.
24 OF 24
MD4