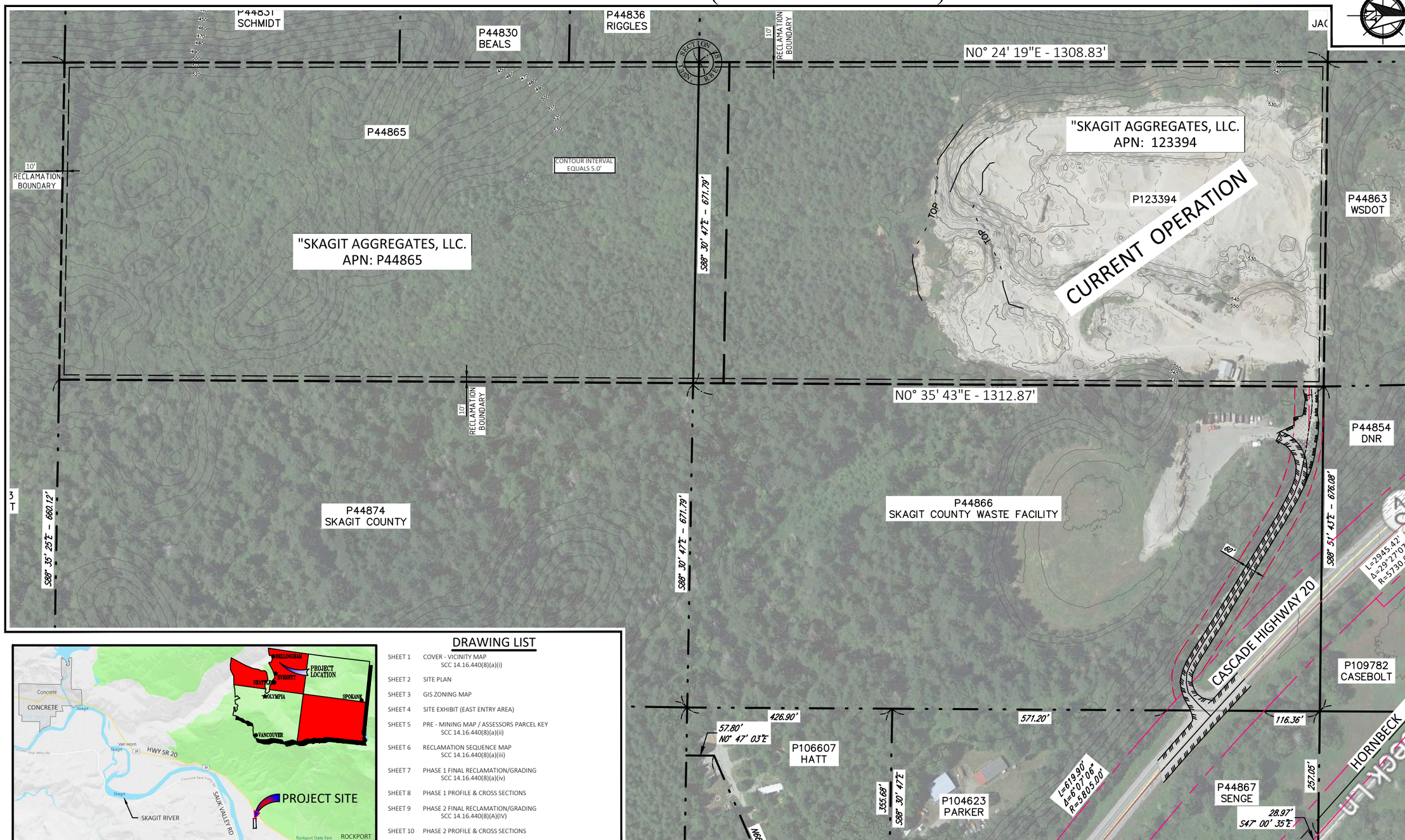
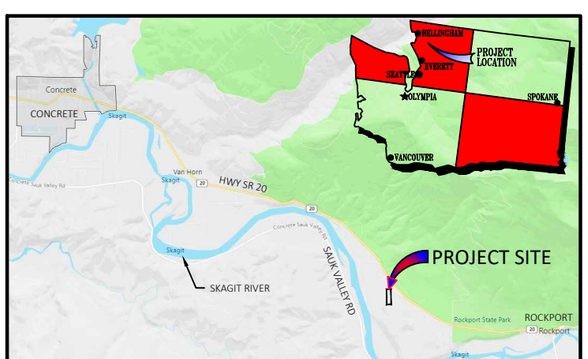
ROCKPORT RECLAMATION PLANS (SKAGIT CO. SUP)





LOCATION MAP - PROJECT SITE
(NOT TO SCALE)

DRAWING LIST

SHEET 1	COVER - VICINITY MAP SCC 14.16.440(8)(a)(i)
SHEET 2	SITE PLAN
SHEET 3	GIS ZONING MAP
SHEET 4	SITE EXHIBIT (EAST ENTRY AREA)
SHEET 5	PRE - MINING MAP / ASSESSORS PARCEL KEY SCC 14.16.440(8)(a)(ii)
SHEET 6	RECLAMATION SEQUENCE MAP SCC 14.16.440(8)(a)(iii)
SHEET 7	PHASE 1 FINAL RECLAMATION/GRADING SCC 14.16.440(8)(a)(iv)
SHEET 8	PHASE 1 PROFILE & CROSS SECTIONS
SHEET 9	PHASE 2 FINAL RECLAMATION/GRADING SCC 14.16.440(8)(A)(IV)
SHEET 10	PHASE 2 PROFILE & CROSS SECTIONS
SHEET 11	PHASE 3 FINAL RECLAMATION/GRADING SCC 14.16.440(8)(A)(IV)
SHEET 12	PHASE 3 PROFILE & CROSS SECTIONS

0 200 400

SCALE: 1" = 200'

USGS MAP UTILIZED

LAKE SHANNON QUADRANGLE WASHINGTON-SKAGIT COUNTY 7.5 MINUTE SERIES	SAUK MOUNTAIN QUADRANGLE WASHINGTON-SKAGIT COUNTY 7.5 MINUTE SERIES
FINNEY PEAK QUADRANGLE WASHINGTON-SKAGIT COUNTY 7.5 MINUTE SERIES	ROCKPORT QUADRANGLE WASHINGTON-SKAGIT COUNTY 7.5 MINUTE SERIES

JEPSON & ASSOCIATES
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FAX: (360) 647-8939
EMAIL: cmjepson@jepsonengineering.com

RONALD T. JEPSON, STATE OF WASHINGTON, 9361, REGISTERED PROFESSIONAL ENGINEER
PRELIMINARY NOT FOR CONSTRUCTION

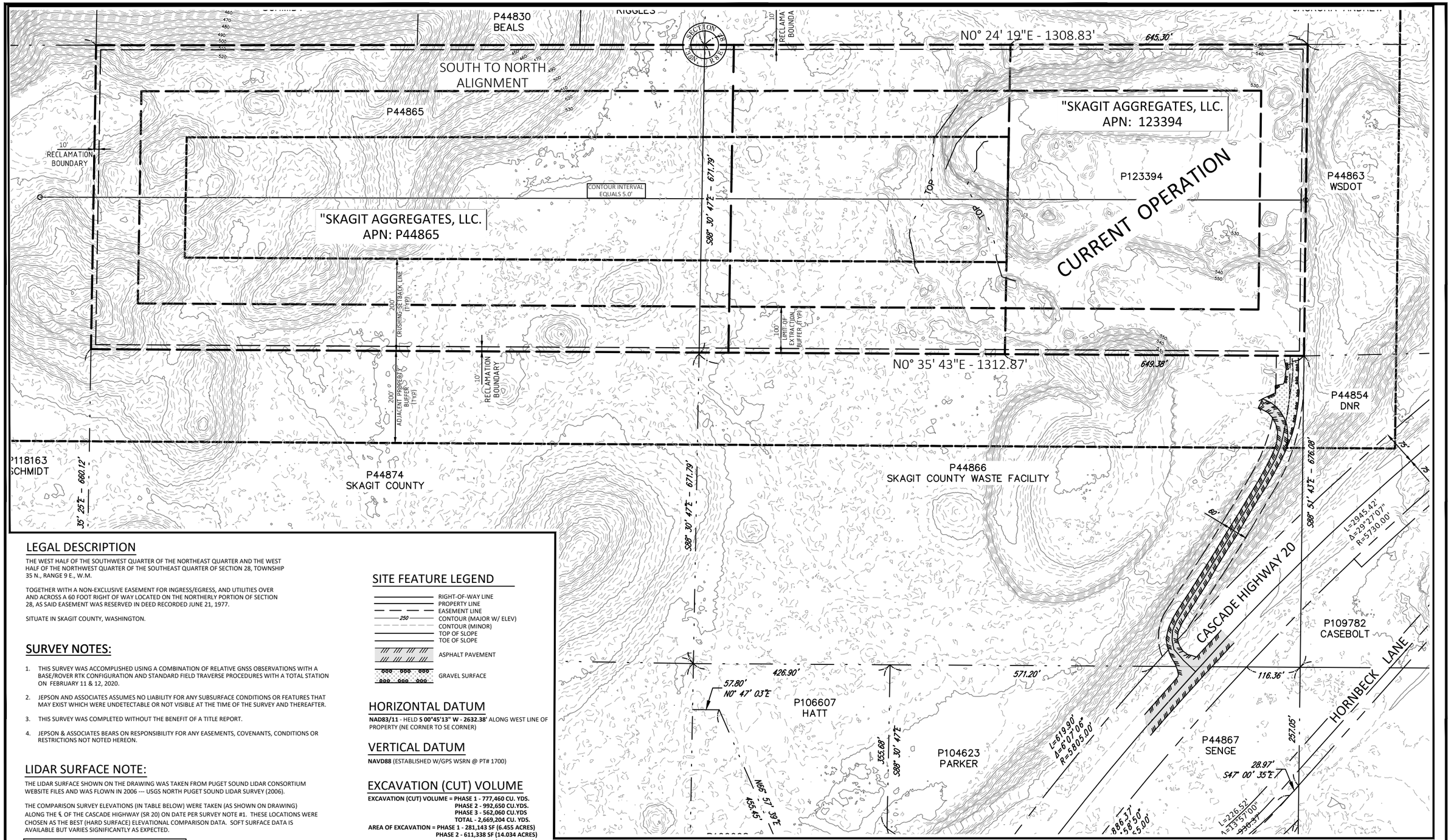
PREPARED FOR: SKAGIT AGGREGATES, L.L.C.

COVER - VICINITY MAP - SCC 14.16.440(8)(a)(i)

SITE PLAN W/AERIAL, LOCATION MAP & DRAWING LIST
50796 CASCADE HIGHWAY 20
SKAGIT COUNTY, WASHINGTON

CLIENT:	SKAGIT AGGREGATE
PROJ. NO.:	19030
DATE:	12/14/2023
FIELD BK:	
DRWN BY:	M. DUDGEON
CHK'D BY:	R.T. JEPSON
SHEET:	1 of 19

L:\JEPSON PROJECTS\2019\19030 - SKAGIT AGGREGATES - (ROCKPORT, 50796 SR20) - [PS]\05-SURVY\C-DRAWINGS\1-CADD\EXISTING - 05-19030-EXCOND_PROPEXCAV11X17 - MDUDGEON - 12/14/2023 10:20:49 AM



LEGAL DESCRIPTION

THE WEST HALF OF THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER AND THE WEST HALF OF THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 28, TOWNSHIP 35 N., RANGE 9 E., W.M.

TOGETHER WITH A NON-EXCLUSIVE EASEMENT FOR INGRESS/EGRESS, AND UTILITIES OVER AND ACROSS A 60 FOOT RIGHT OF WAY LOCATED ON THE NORTHERLY PORTION OF SECTION 28, AS SAID EASEMENT WAS RESERVED IN DEED RECORDED JUNE 21, 1977.

SITUATE IN SKAGIT COUNTY, WASHINGTON.

SURVEY NOTES:

1. THIS SURVEY WAS ACCOMPLISHED USING A COMBINATION OF RELATIVE GNSS OBSERVATIONS WITH A BASE/ROVER RTK CONFIGURATION AND STANDARD FIELD TRAVERSE PROCEDURES WITH A TOTAL STATION ON FEBRUARY 11 & 12, 2020.
2. JEPSON AND ASSOCIATES ASSUMES NO LIABILITY FOR ANY SUBSURFACE CONDITIONS OR FEATURES THAT MAY EXIST WHICH WERE UNDETECTABLE OR NOT VISIBLE AT THE TIME OF THE SURVEY AND THEREAFTER.
3. THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE REPORT.
4. JEPSON & ASSOCIATES BEARS ON RESPONSIBILITY FOR ANY EASEMENTS, COVENANTS, CONDITIONS OR RESTRICTIONS NOT NOTED HEREON.

LIDAR SURFACE NOTE:

THE LIDAR SURFACE SHOWN ON THE DRAWING WAS TAKEN FROM PUGET SOUND LIDAR CONSORTIUM WEBSITE FILES AND WAS FLOWN IN 2006 --- USGS NORTH PUGET SOUND LIDAR SURVEY (2006).

THE COMPARISON SURVEY ELEVATIONS (IN TABLE BELOW) WERE TAKEN (AS SHOWN ON DRAWING) ALONG THE ℄ OF THE CASCADE HIGHWAY (SR 20) ON DATE PER SURVEY NOTE #1. THESE LOCATIONS WERE CHOSEN AS THE BEST (HARD SURFACE) ELEVATIONAL COMPARISON DATA. SOFT SURFACE DATA IS AVAILABLE BUT VARIES SIGNIFICANTLY AS EXPECTED.

PT NO.	PT DESC	LIDAR ELEV	PT ELEV	ELEV DIFF (LIDAR-PT)
#1054	℄ SR 20	493.15'	492.50'	0.65'
#1060		494.49'	494.03'	0.46'
#1007		495.67'	495.07	0.60'
#1003		496.16'	495.59'	0.57'
			AVERAGE DIFF =	0.57'

SITE FEATURE LEGEND

- RIGHT-OF-WAY LINE
- PROPERTY LINE
- EASEMENT LINE
- 250 CONTOUR (MAJOR W/ ELEV)
- CONTOUR (MINOR)
- TOP OF SLOPE
- TOE OF SLOPE
- ASPHALT PAVEMENT
- GRAVEL SURFACE

HORIZONTAL DATUM

NAD83/11 - HELD **S 00°45'13" W - 2632.38'** ALONG WEST LINE OF PROPERTY (NE CORNER TO SE CORNER)

VERTICAL DATUM

NAVD88 (ESTABLISHED W/GPS WSRN @ PT# 1700)

EXCAVATION (CUT) VOLUME

EXCAVATION (CUT) VOLUME = PHASE 1 - 777,460 CU. YDS.
PHASE 2 - 992,650 CU.YDS.
PHASE 3 - 562,060 CU.YDS
TOTAL - 2,669,204 CU. YDS.

AREA OF EXCAVATION = PHASE 1 - 281,143 SF (6.455 ACRES)
PHASE 2 - 611,338 SF (14.034 ACRES)
PHASE 3 - 310,946 SF (7.139 ACRES)
TOTAL - 1,203,427 SF (27.627 ACRES)

EXCAVATION NOTE: THE VOLUME AND AREA AS LISTED ABOVE INCLUDES ONLY THE REGION FROM STA 0+00.00 TO STA 19+83.37

0 200 400

SCALE: 1" = 200'

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RONALD T. JEPSON, STATE OF WASHINGTON, 9361, REGISTERED PROFESSIONAL ENGINEER, NATIONAL ENGINEERING

PRELIMINARY NOT FOR CONSTRUCTION

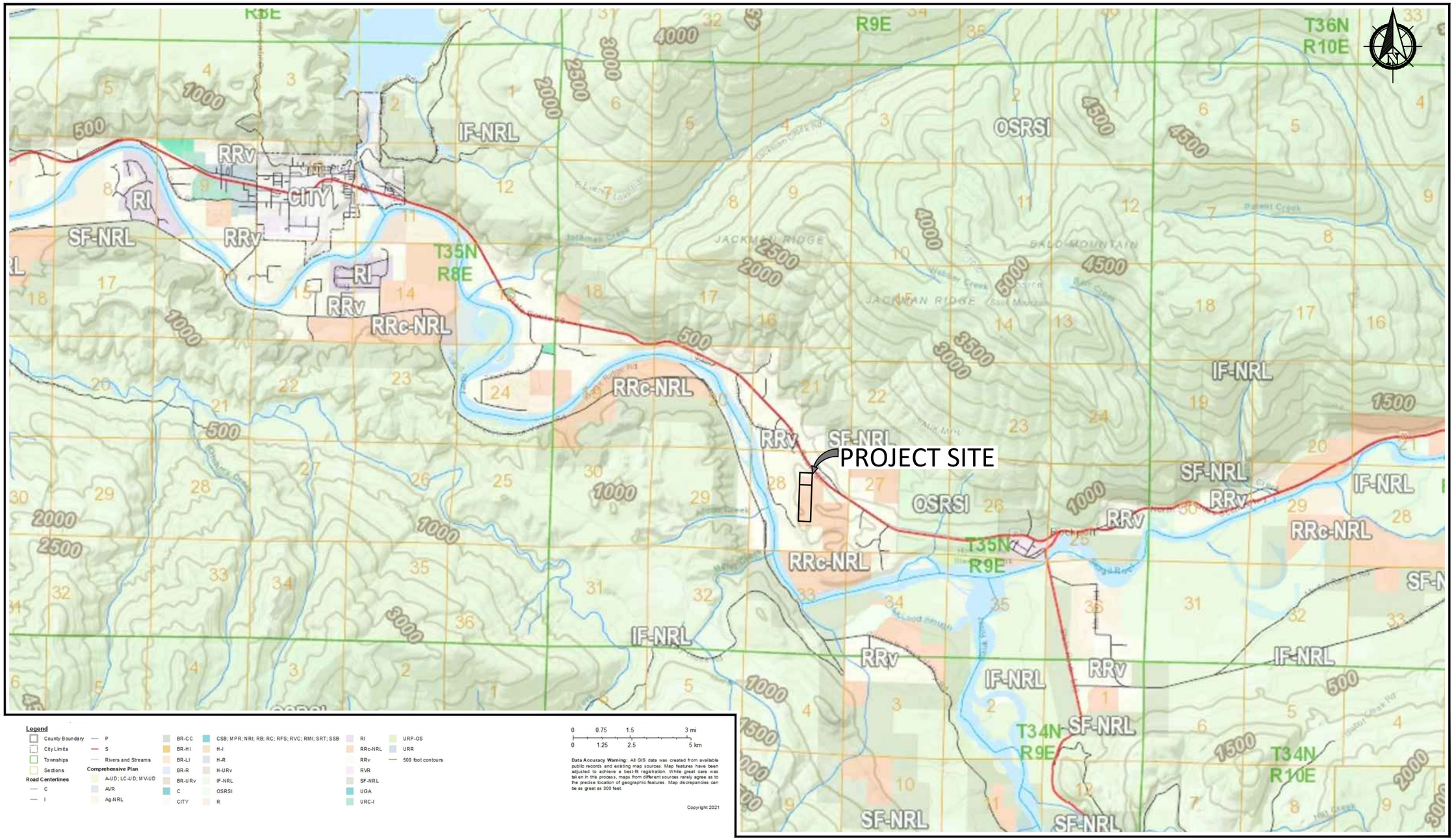
PREPARED FOR: SKAGIT AGGREGATES, L.L.C.

SITE PLAN

PROPOSED EXCAVATION PLAN
50796 CASCADE HIGHWAY 20
SKAGIT COUNTY, WASHINGTON

CLIENT:	SKAGIT AGGREGATE
PROJ. NO.:	19030
DATE:	12/14/2023
FIELD BK:	
DRWN BY:	M. DUDGEON
CHK'D BY:	R.T. JEPSON
SHEET:	2 of 19

L:\JEPSON PROJECTS\2019\19030 - SKAGIT AGGREGATES - (ROCKPORT, 50796 SR20) - [PS2]\03-SURVY\C-DRAWINGS\1-CADD\EXISTING - 01-19030-EXCOND_PROPEXCAV13X17 - MDUDGEON - 12/14/2023 10:33:29 AM



0 1 MILE 2 MILES

SCALE: 1" = 1 MILE

L:\JEPSON PROJECTS\2019\19030 - SKAGIT AGGREGATES - (ROCKPORT, 50796 SR20) - [PS]\03-SURVEY-DRAWINGS\1-CADD\EXISTING - 01-19030-EXCOND_PROPEXCAV11X17 - MDUDGEON - 12/14/2023 10:58:15 AM

JEPSON & ASSOCIATES
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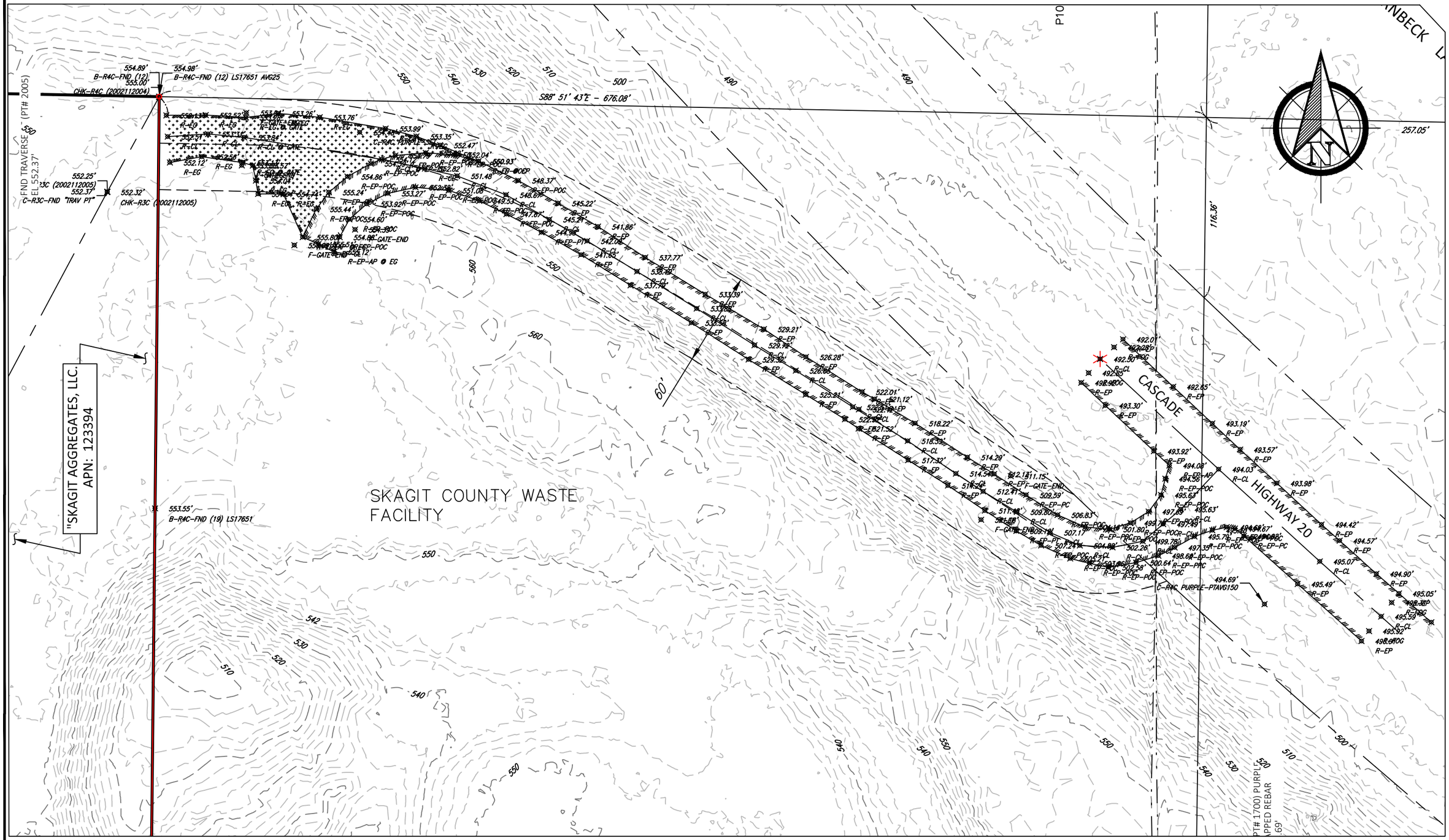
PRELIMINARY
NOT FOR CONSTRUCTION
STATE OF WASHINGTON
9361
REGISTERED PROFESSIONAL ENGINEER

PREPARED FOR: SKAGIT AGGREGATES, L.L.C.

GIS ZONING MAP

SITE PLAN W/AERIAL, LOCATION MAP & DRAWING LIST
50796 CASCADE HIGHWAY 20
SKAGIT COUNTY, WASHINGTON

CLIENT:	SKAGIT AGGREGATE
PROJ. NO.:	19030
DATE:	12/14/2023
FIELD BK:	
DRWN BY:	M. DUDGEON
CHK'D BY:	R.T. JEPSON
SHEET:	3 of 19



0 60 120

SCALE: 1" = 60'

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JEPSON & ASSOCIATES
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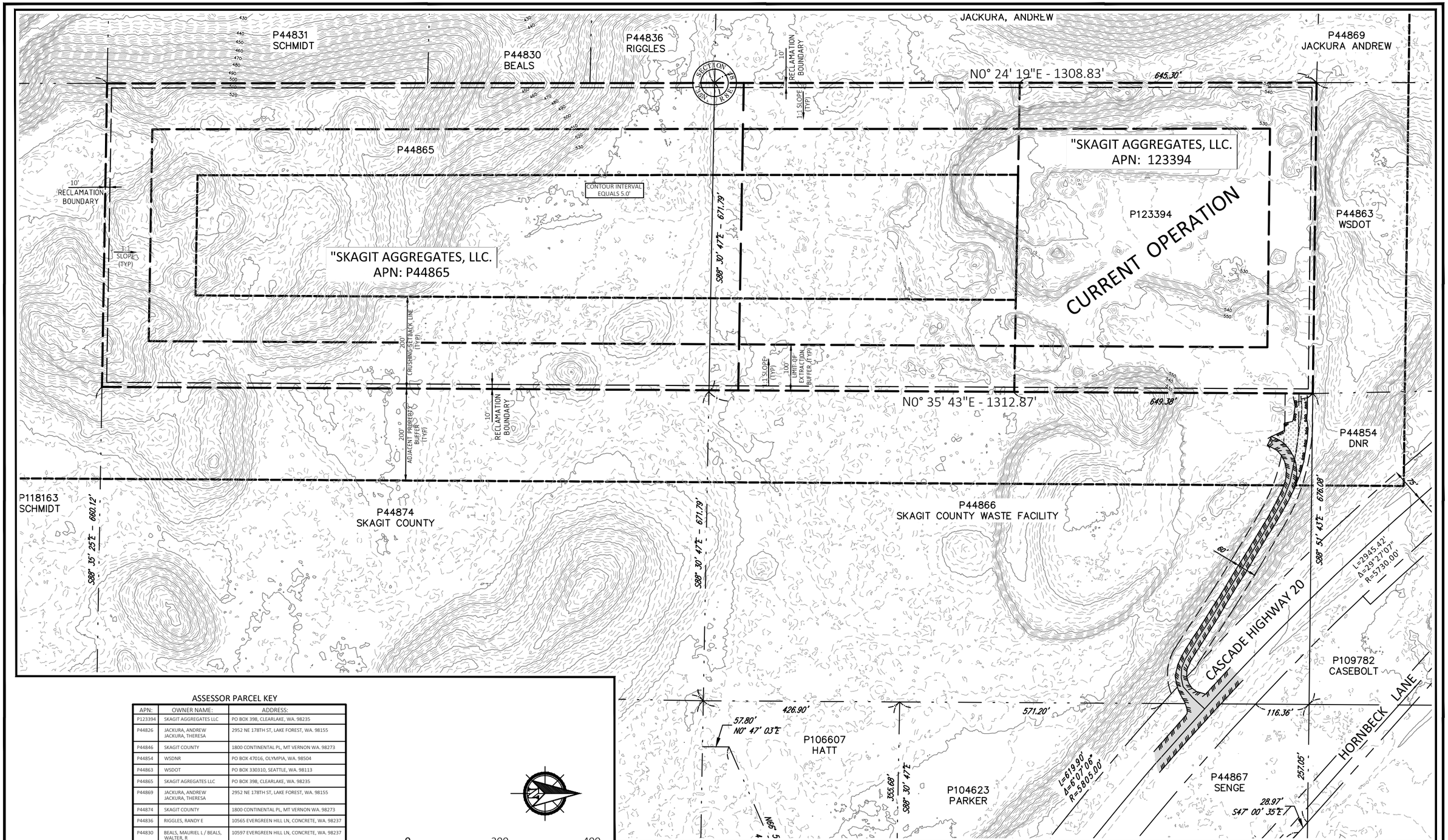
PRELIMINARY
NOT FOR CONSTRUCTION

PREPARED FOR: SKAGIT AGGREGATES, L.L.C.

SITE EXHIBIT (EAST ENTRY AREA)

EXISTING CONDITIONS (W/ELEVATIONS)
50796 CASCADE HIGHWAY 20
SKAGIT COUNTY, WASHINGTON

CLIENT:	SKAGIT AGGREGATE
PROJ. NO.:	19030
DATE:	12/14/2023
FIELD BK:	
DRWN BY:	M. DUDGEON
CHK'D BY:	R.T. JEPSON
SHEET:	4 of 19



ASSESSOR PARCEL KEY

APN:	OWNER NAME:	ADDRESS:
P123394	SKAGIT AGGREGATES LLC	PO BOX 398, CLEARLAKE, WA. 98235
P44826	JACKURA, ANDREW JACKURA, THERESA	2952 NE 178TH ST, LAKE FOREST, WA. 98155
P44846	SKAGIT COUNTY	1800 CONTINENTAL PL, MT VERNON WA. 98273
P44854	WSDNR	PO BOX 47016, OLYMPIA, WA. 98504
P44863	WSDOT	PO BOX 330310, SEATTLE, WA. 98113
P44865	SKAGIT AGREGATES LLC	PO BOX 398, CLEARLAKE, WA. 98235
P44869	JACKURA, ANDREW JACKURA, THERESA	2952 NE 178TH ST, LAKE FOREST, WA. 98155
P44874	SKAGIT COUNTY	1800 CONTINENTAL PL, MT VERNON WA. 98273
P44836	RIGGLES, RANDY E	10565 EVERGREEN HILL LN, CONCRETE, WA. 98237
P44830	BEALS, MAURIEL L / BEALS, WALTER, R	10597 EVERGREEN HILL LN, CONCRETE, WA. 98237
P44828	YOUNG, DANE A.	10606 EVERGREEN HILL LN, CONCRETE, WA. 98237
P44831	SCHMIDT, LOREN W. / SCHMIDT, REBECCA A.	10671 EVERGREEN HILL LN, CONCRETE, WA. 98237
P118163	SCHMIDT, LOREN W. / SCHMIDT, REBECCA A.	10671 EVERGREEN HILL LN, CONCRETE, WA. 98237
P44866	SKAGIT COUNTY	1800 CONTINENTAL PL, MT VERNON WA. 98273

0 200 400

SCALE: 1" = 200'

NOTE:
SEE SHEET 2 OF 12 FOR LEGEND

JEPSON & ASSOCIATES
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PRELIMINARY NOT FOR CONSTRUCTION

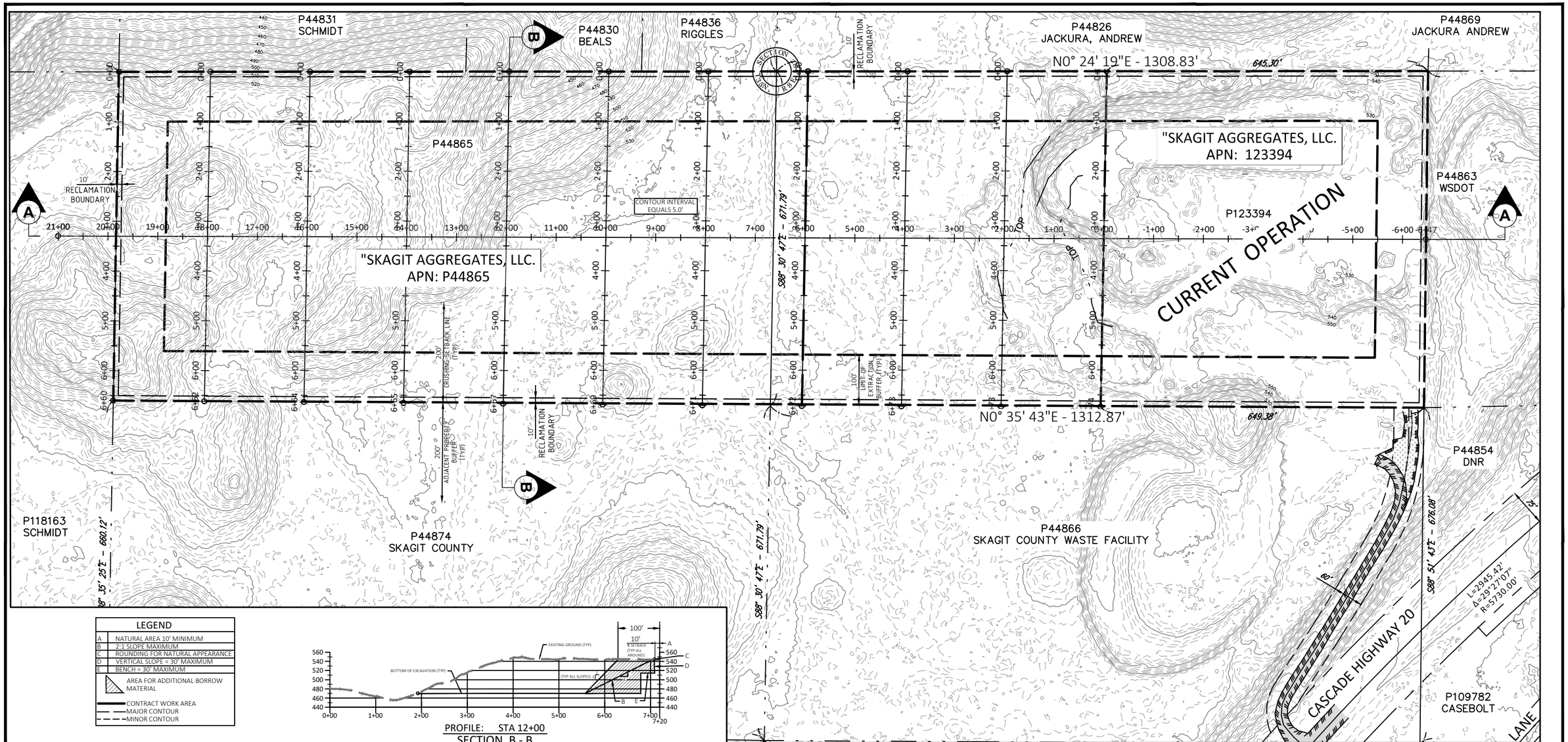
PREPARED FOR: SKAGIT AGGREGATES, L.L.C.

PRE - MINING MAP - SCC14.16.440(8)(a)(ii)

EXISTING CONDITIONS PLAN
50796 CASCADE HIGHWAY 20
SKAGIT COUNTY, WASHINGTON

CLIENT:	SKAGIT AGGREGATE
PROJ. NO.:	19030
DATE:	12/14/2023
FIELD BK:	
DRWN BY:	M. DUDGEON
CHK'D BY:	R.T. JEPSON
SHEET:	5 of 19

L:\JEPSON PROJECTS\2019\19030 - SKAGIT AGGREGATES - (ROCKPORT, 50796 SR20) - (PS)\03-SURV\C-DRAWINGS\1-CADD\EXISTING - 01-19030-EXCOND_PROPEXCAV11X17 - MDUDGEON - 12/14/2023 11:05:07 AM

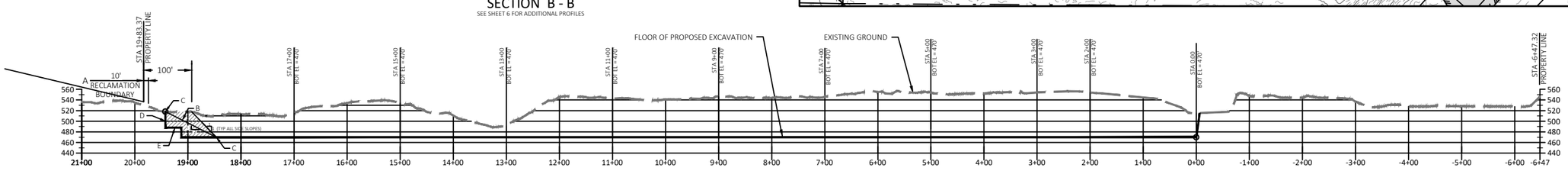


LEGEND	
A	NATURAL AREA 10' MINIMUM
B	2:1 SLOPE MAXIMUM
C	ROUNDING FOR NATURAL APPEARANCE
D	VERTICAL SLOPE = 30' MAXIMUM
E	BENCH = 30' MAXIMUM
	AREA FOR ADDITIONAL BORROW MATERIAL
	CONTRACT WORK AREA
	MAJOR CONTOUR
	MINOR CONTOUR

PROFILE: STA 12+00

SECTION B - B

SEE SHEET 6 FOR ADDITIONAL PROFILES



PROFILE: LONGITUDINAL (MID-EXCAVATION)

SCALE: 1"= 100' (HORIZ & VERT)

SECTION A - A

0 200 400

SCALE: 1" = 200'

JEPSON & ASSOCIATES

REGISTERED PROFESSIONAL ENGINEERS AND LAND SURVEYORS
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PRELIMINARY NOT FOR CONSTRUCTION

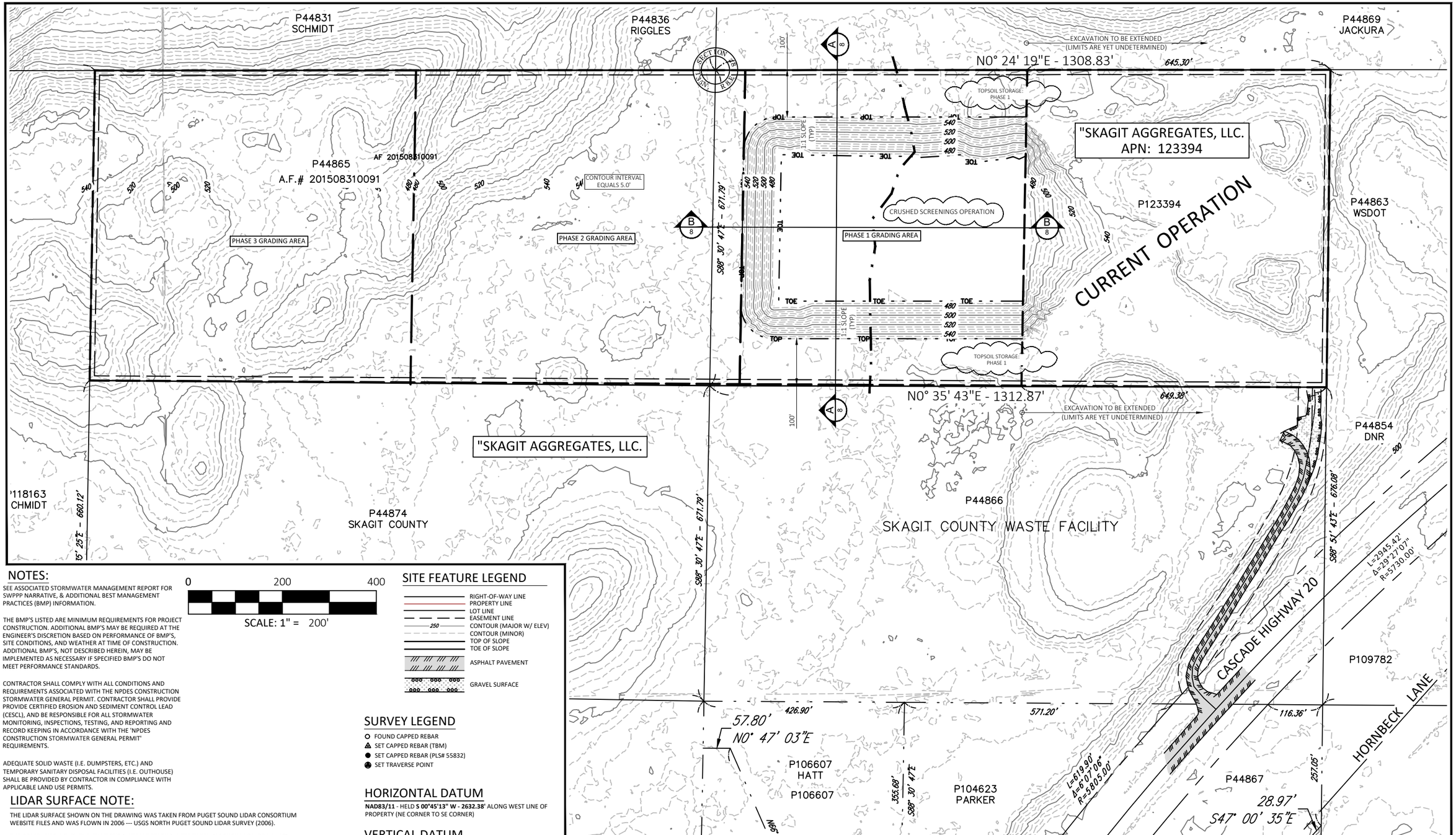
PREPARED FOR: SKAGIT AGGREGATES, L.L.C.

RECLAMATION SEQUENCE MAP-SCC14.16.440(8)(a)(iii)

EXISTING CONDITIONS PLAN
50796 CASCADE HIGHWAY 20
SKAGIT COUNTY, WASHINGTON

CLIENT:	SKAGIT AGGREGATE
PROJ. NO.:	19030
DATE:	12/14/2023
FIELD BK:	
DRWN BY:	M. DUDGEON
CHK'D BY:	R.T. JEPSON
SHEET:	6 of 19

L:\JEPSON PROJECTS\2019\19030 - SKAGIT AGGREGATES - (ROCKPORT, 50796 SR20) - [PZ]\03-SURVEY-DRAWINGS\1-CADD\EXISTING - 01-19030-EXCOND_PROPERCAV11X17 - MDUDGEON - 12/14/2023 11:35:33 AM



SCC 14.16.440(8)(a)(iv)

NOTES:

SEE ASSOCIATED STORMWATER MANAGEMENT REPORT FOR SWPPP NARRATIVE, & ADDITIONAL BEST MANAGEMENT PRACTICES (BMP) INFORMATION.

THE BMP'S LISTED ARE MINIMUM REQUIREMENTS FOR PROJECT CONSTRUCTION. ADDITIONAL BMP'S MAY BE REQUIRED AT THE ENGINEER'S DISCRETION BASED ON PERFORMANCE OF BMP'S, SITE CONDITIONS, AND WEATHER AT TIME OF CONSTRUCTION. ADDITIONAL BMP'S, NOT DESCRIBED HEREIN, MAY BE IMPLEMENTED AS NECESSARY IF SPECIFIED BMP'S DO NOT MEET PERFORMANCE STANDARDS.

CONTRACTOR SHALL COMPLY WITH ALL CONDITIONS AND REQUIREMENTS ASSOCIATED WITH THE NPDES CONSTRUCTION STORMWATER GENERAL PERMIT. CONTRACTOR SHALL PROVIDE PROVIDE CERTIFIED EROSION AND SEDIMENT CONTROL LEAD (CESCL), AND BE RESPONSIBLE FOR ALL STORMWATER MONITORING, INSPECTIONS, TESTING, AND REPORTING AND RECORD KEEPING IN ACCORDANCE WITH THE 'NPDES CONSTRUCTION STORMWATER GENERAL PERMIT' REQUIREMENTS.

ADEQUATE SOLID WASTE (I.E. DUMPSTERS, ETC.) AND TEMPORARY SANITARY DISPOSAL FACILITIES (I.E. OUTHOUSE) SHALL BE PROVIDED BY CONTRACTOR IN COMPLIANCE WITH APPLICABLE LAND USE PERMITS.

LIDAR SURFACE NOTE:

THE LIDAR SURFACE SHOWN ON THE DRAWING WAS TAKEN FROM PUGET SOUND LIDAR CONSORTIUM WEBSITE FILES AND WAS FLOWN IN 2006 --- USGS NORTH PUGET SOUND LIDAR SURVEY (2006).

THE COMPARISON SURVEY ELEVATIONS (IN TABLE BELOW) WERE TAKEN (AS SHOWN ON DRAWING) ALONG THE ℄ OF THE CASCADE HIGHWAY (SR 20) ON DATE PER SURVEY NOTE #1. THESE LOCATIONS WERE CHOSEN AS THE BEST (HARD SURFACE) ELEVATIONAL COMPARISON DATA. SOFT SURFACE DATA IS AVAILABLE BUT VARIES SIGNIFICANTLY AS EXPECTED.

PT NO.	PT DESC	LIDAR ELEV	PT ELEV	ELEV DIFF (LIDAR-PT)
#1054	℄ SR 20	493.15'	492.50'	0.65'
#1060		494.49'	494.03'	0.46'
#1007		495.67'	495.07	0.60'
#1003		496.16'	495.59'	0.57'
			AVERAGE DIFF =	0.57'

0 200 400

SCALE: 1" = 200'

SITE FEATURE LEGEND

- RIGHT-OF-WAY LINE
- PROPERTY LINE
- LOT LINE
- EASEMENT LINE
- 250 CONTOUR (MAJOR W/ ELEV)
- CONTOUR (MINOR)
- TOP OF SLOPE
- TOE OF SLOPE
- ASPHALT PAVEMENT
- GRAVEL SURFACE

SURVEY LEGEND

- FOUND CAPPED REBAR
- SET CAPPED REBAR (TBM)
- SET CAPPED REBAR (PLS# 55832)
- SET TRAVERSE POINT

HORIZONTAL DATUM

NAD83/11 - HELD **S 00°45'13" W - 2632.38'** ALONG WEST LINE OF PROPERTY (NE CORNER TO SE CORNER)

VERTICAL DATUM

NAVD88 (ESTABLISHED W/GPS WSRN @ PT# 1700)

EXCAVATION (CUT) VOLUME

EXCAVATION (CUT) VOLUME = 777,460 CU. YDS.
AREA OF EXCAVATION - 281,143 SF (6.455 ACRES)

EXCAVATION NOTE: THE VOLUME AND AREA AS LISTED ABOVE INCLUDES ONLY THE REGION FROM STA 0+00.00 TO STA 6+00.00

JEPSON & ASSOCIATES
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FAX: (360) 647-8939
EMAIL: cmjepson@jepsonengineering.com

STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER — 9361

PRELIMINARY NOT FOR CONSTRUCTION

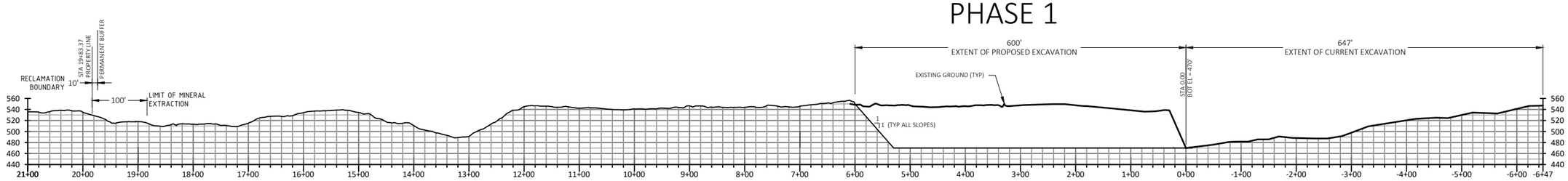
PREPARED FOR: SKAGIT AGGREGATES, L.L.C.

PHASE 1 RECLAMATION

50796 CASCADE HIGHWAY 20
SKAGIT COUNTY, WASHINGTON

CLIENT:	SKAGIT AGGREGATE
PROJ. NO.:	19030
DATE:	12/14/2023
FIELD BK:	
DRWN BY:	M. DUDGEON
CHK'D BY:	R.T. JEPSON
SHEET:	7 of 19

PHASE 1

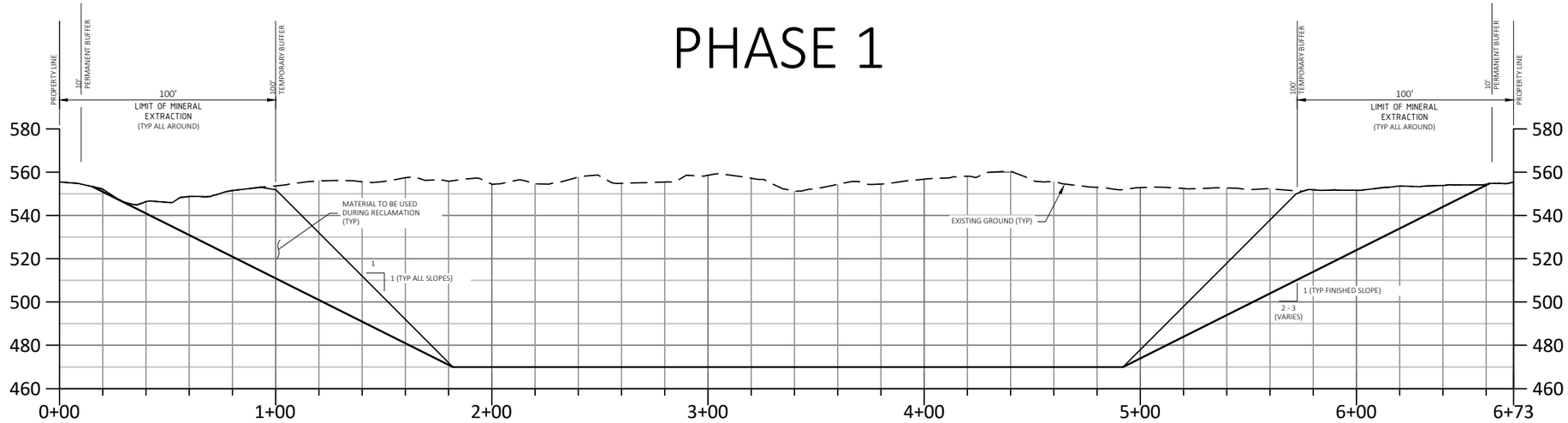


PROFILE: LONGITUDINAL (MID-EXCAVATION)

SCALE: 1"= 200' (HORIZ & VERT)

SECTION B - B

PHASE 1



SECTION A - A

CROSS SECTION AT STA. 4+00

GRAPHIC SCALE

60' 0 60' 120'

1" = 60' (HORIZ & VERT)

JEPSON & ASSOCIATES

REGISTERED PROFESSIONAL ENGINEERS AND LAND SURVEYORS
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PRELIMINARY NOT FOR CONSTRUCTION

PREPARED FOR: SKAGIT AGGREGATES, L.L.C.

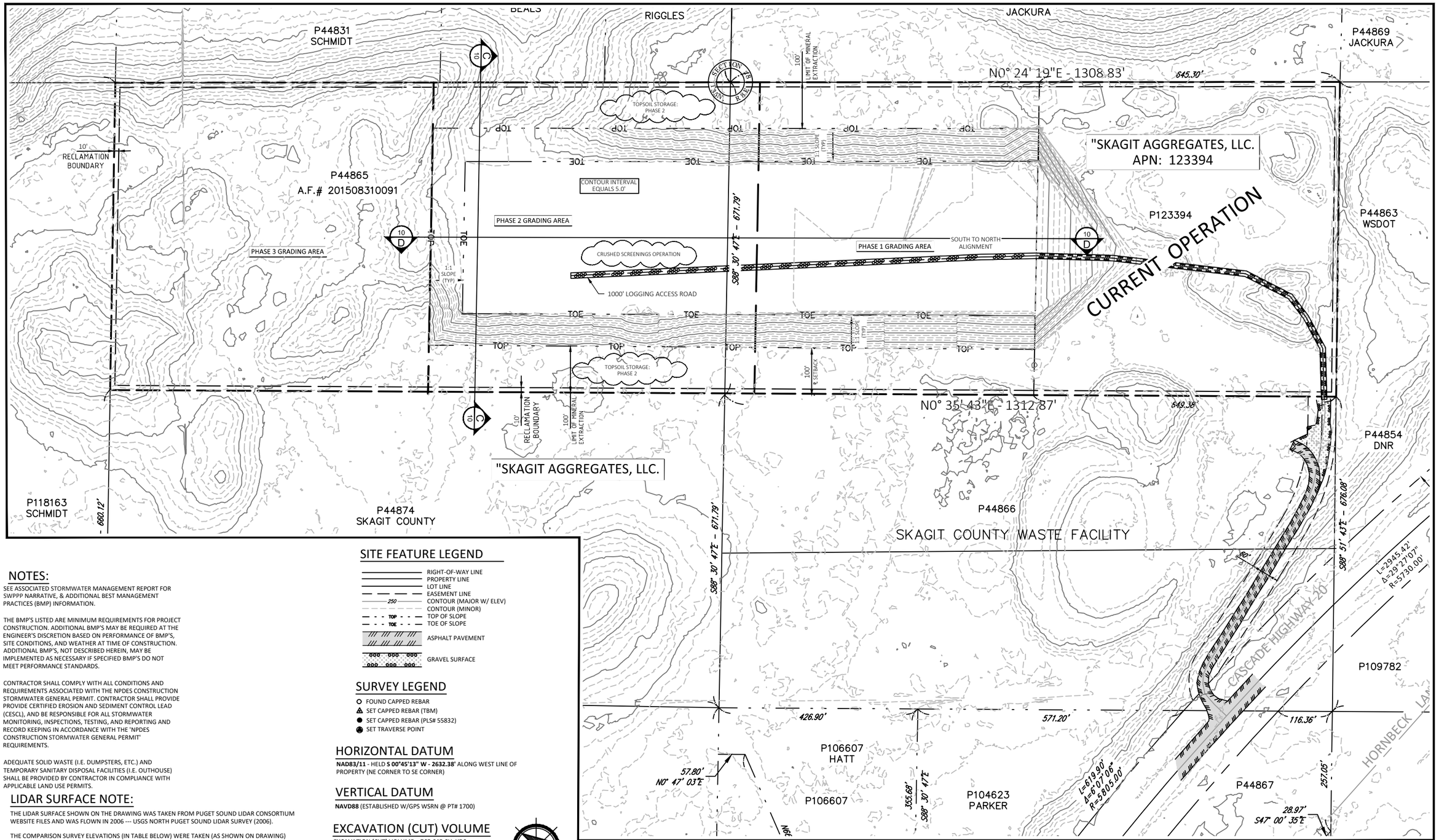
PHASE 1 CROSS SECTIONS

PROPOSED SURFACE

50796 CASCADE HIGHWAY 20

SKAGIT COUNTY, WASHINGTON

CLIENT:	SKAGIT AGGREGATE
PROJ. NO.:	19030
DATE:	08/24/2022
FIELD BK:	
DRWN BY:	M. DUDGEON
CHK'D BY:	R.T. JEPSON
SHEET:	8 of 19



SCC 14.16.440(8)(a)(iv)

NOTES:

SEE ASSOCIATED STORMWATER MANAGEMENT REPORT FOR SWPPP NARRATIVE, & ADDITIONAL BEST MANAGEMENT PRACTICES (BMP) INFORMATION.

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LIDAR SURFACE NOTE:

THE LIDAR SURFACE SHOWN ON THE DRAWING WAS TAKEN FROM PUGET SOUND LIDAR CONSORTIUM WEBSITE FILES AND WAS FLOWN IN 2006 --- USGS NORTH PUGET SOUND LIDAR SURVEY (2006).

THE COMPARISON SURVEY ELEVATIONS (IN TABLE BELOW) WERE TAKEN (AS SHOWN ON DRAWING) ALONG THE ℄ OF THE CASCADE HIGHWAY (SR 20) ON DATE PER SURVEY NOTE #1. THESE LOCATIONS WERE CHOSEN AS THE BEST (HARD SURFACE) ELEVATIONAL COMPARISON DATA. SOFT SURFACE DATA IS AVAILABLE BUT VARIES SIGNIFICANTLY AS EXPECTED.

PT NO.	PT DESC	LIDAR ELEV	PT ELEV	ELEV DIFF (LIDAR-PT)
#1054	℄ SR 20	493.15'	492.50'	0.65'
#1060		494.49'	494.03'	0.46'
#1007		495.67'	495.07	0.60'
#1003		496.16'	495.59'	0.57'
			AVERAGE DIFF =	0.57'

SITE FEATURE LEGEND

- RIGHT-OF-WAY LINE
- PROPERTY LINE
- LOT LINE
- EASEMENT LINE
- 250 CONTOUR (MAJOR W/ ELEV)
- CONTOUR (MINOR)
- TOP TOP OF SLOPE
- TOE TOE OF SLOPE
- ASPHALT PAVEMENT
- GRAVEL SURFACE

SURVEY LEGEND

- FOUND CAPPED REBAR
- SET CAPPED REBAR (TBM)
- SET CAPPED REBAR (PLS# 55832)
- SET TRAVERSE POINT

HORIZONTAL DATUM

NAD83/11 - HELD **S 00°45'13" W - 2632.38'** ALONG WEST LINE OF PROPERTY (NE CORNER TO SE CORNER)

VERTICAL DATUM

NAVD88 (ESTABLISHED W/GPS WSRN @ PT# 1700)

EXCAVATION (CUT) VOLUME

EXCAVATION (CUT) VOLUME = 765,645 CU. YDS.
AREA OF EXCAVATION - 327,860 SF (7.52 ACRES.)

EXCAVATION NOTE: THE VOLUME AND AREA IS CALCULATED FOR PHASE 2 ONLY.

0 100' 200'

SCALE: 1" = 100'

JEPSON & ASSOCIATES
REGISTERED PROFESSIONAL ENGINEERS AND LAND SURVEYORS
222 GRAND AVE., SUITE C, BELLINGHAM, WA 98225
PHONE: (360) 733-5760
FAX: (360) 647-8939
EMAIL: cmjepson@jepsonengineering.com

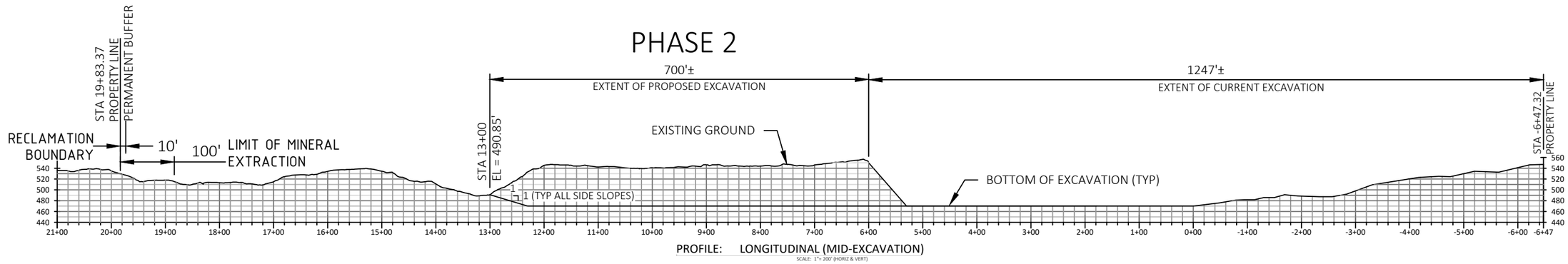
RONALD T. JEPSON, STATE OF WASHINGTON, 9361, REGISTERED PROFESSIONAL ENGINEER
PRELIMINARY NOT FOR CONSTRUCTION

PREPARED FOR: SKAGIT AGGREGATES, L.L.C.

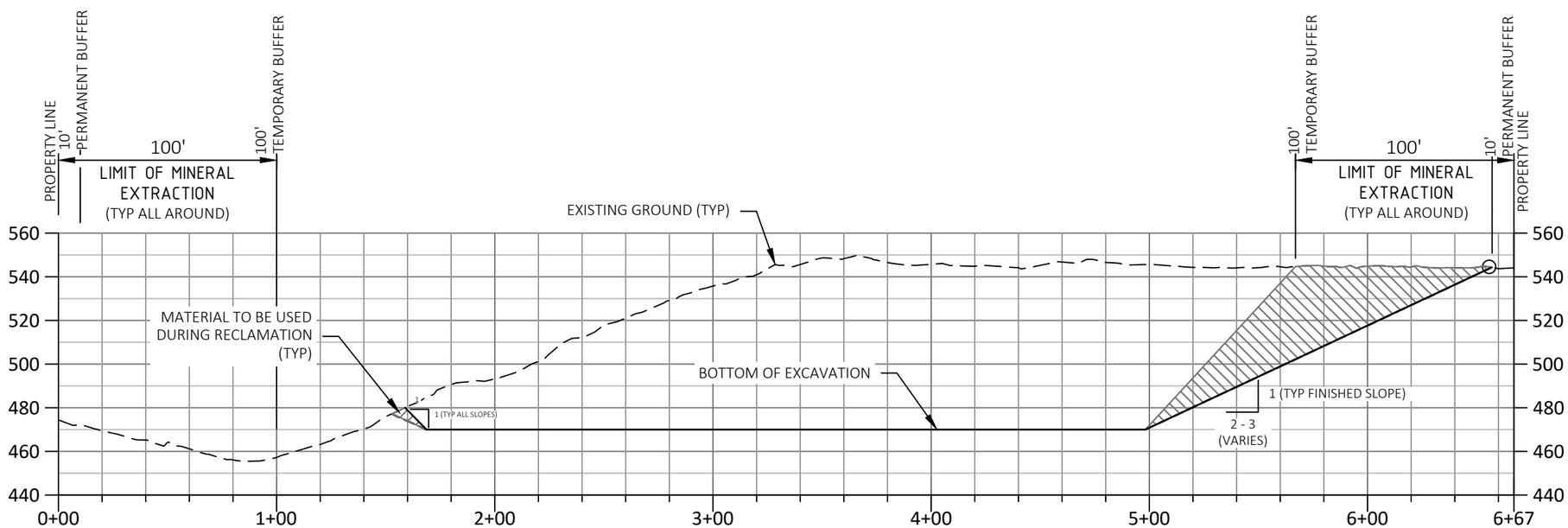
PHASE 2 RECLAMATION

50796 CASCADE HIGHWAY 20
SKAGIT COUNTY, WASHINGTON

CLIENT:	SKAGIT AGGREGATE
PROJ. NO.:	19030
DATE:	12/14/2023
FIELD BK:	
DRWN BY:	M. DUDGEON
CHK'D BY:	R.T. JEPSON
SHEET:	9 of 19



SECTION D - D



SECTION C - C

CROSS SECTION AT STA. 12+00

GRAPHIC SCALE

60' 0 60' 120'

1" = 60' (HORIZ & VERT)

JEPSON & ASSOCIATES
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PHONE: (360) 733-5760
FAX: (360) 647-8939
EMAIL: cmjepson@jepsonengineering.com

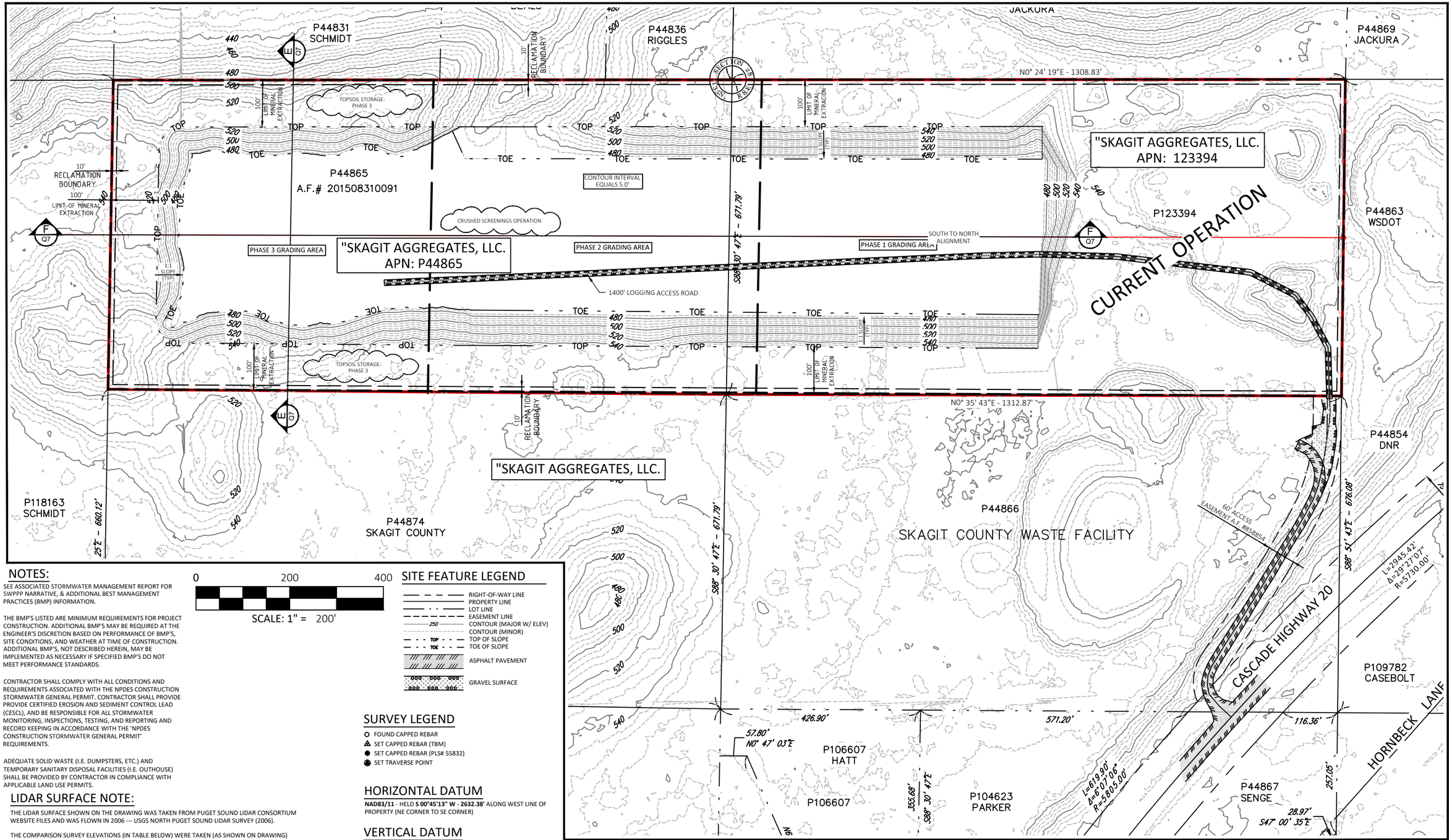
PRELIMINARY NOT FOR CONSTRUCTION

PREPARED FOR: SKAGIT AGGREGATES, L.L.C.

PHASE 2 CROSS SECTIONS

PROPOSED SURFACE
50796 CASCADE HIGHWAY 20
SKAGIT COUNTY, WASHINGTON

CLIENT:	SKAGIT AGGREGATE
PROJ. NO.:	19030
DATE:	12/14/2023
FIELD BK:	
DRWN BY:	M. DUDGEON
CHK'D BY:	R.T. JEPSON
SHEET:	10 of 19



SCC 14.16.440(8)(a)(iv)

NOTES:

SEE ASSOCIATED STORMWATER MANAGEMENT REPORT FOR SWPPP NARRATIVE, & ADDITIONAL BEST MANAGEMENT PRACTICES (BMP) INFORMATION.

THE BMP'S LISTED ARE MINIMUM REQUIREMENTS FOR PROJECT CONSTRUCTION. ADDITIONAL BMP'S MAY BE REQUIRED AT THE ENGINEER'S DISCRETION BASED ON PERFORMANCE OF BMP'S, SITE CONDITIONS, AND WEATHER AT TIME OF CONSTRUCTION. ADDITIONAL BMP'S, NOT DESCRIBED HEREIN, MAY BE IMPLEMENTED AS NECESSARY IF SPECIFIED BMP'S DO NOT MEET PERFORMANCE STANDARDS.

CONTRACTOR SHALL COMPLY WITH ALL CONDITIONS AND REQUIREMENTS ASSOCIATED WITH THE NPDES CONSTRUCTION STORMWATER GENERAL PERMIT. CONTRACTOR SHALL PROVIDE PROVIDE CERTIFIED EROSION AND SEDIMENT CONTROL LEAD (CESCL), AND BE RESPONSIBLE FOR ALL STORMWATER MONITORING, INSPECTIONS, TESTING, AND REPORTING AND RECORD KEEPING IN ACCORDANCE WITH THE 'NPDES CONSTRUCTION STORMWATER GENERAL PERMIT' REQUIREMENTS.

ADEQUATE SOLID WASTE (I.E. DUMPSTERS, ETC.) AND TEMPORARY SANITARY DISPOSAL FACILITIES (I.E. OUTHOUSE) SHALL BE PROVIDED BY CONTRACTOR IN COMPLIANCE WITH APPLICABLE LAND USE PERMITS.

LIDAR SURFACE NOTE:

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#1060		494.49'	494.03'	0.46'
#1007		495.67'	495.07	0.60'
#1003		496.16'	495.59'	0.57'
			AVERAGE DIFF =	0.57'

0 200 400

SCALE: 1" = 200'

SITE FEATURE LEGEND

- RIGHT-OF-WAY LINE
- PROPERTY LINE
- LOT LINE
- EASEMENT LINE
- 250 CONTOUR (MAJOR W/ ELEV)
- CONTOUR (MINOR)
- TOP TOP OF SLOPE
- TOE TOE OF SLOPE
- ASPHALT PAVEMENT
- GRAVEL SURFACE

SURVEY LEGEND

- FOUND CAPPED REBAR
- SET CAPPED REBAR (TBM)
- SET CAPPED REBAR (PLS# 55832)
- SET TRAVERSE POINT

HORIZONTAL DATUM

NAD83/11 - HELD **S 00°45'13" W - 2632.38'** ALONG WEST LINE OF PROPERTY (NE CORNER TO SE CORNER)

VERTICAL DATUM

NAVD88 (ESTABLISHED W/GPS WSRN @ PT# 1700)

EXCAVATION (CUT) VOLUME

EXCAVATION (CUT) VOLUME = 562,060 CU. YDS.
AREA OF EXCAVATION - 310,946 SF (7.139 ACRES)

EXCAVATION NOTE: THE VOLUME AND AREA IS CALCULATED FOR PHASE 3 ONLY.

JEPSON & ASSOCIATES
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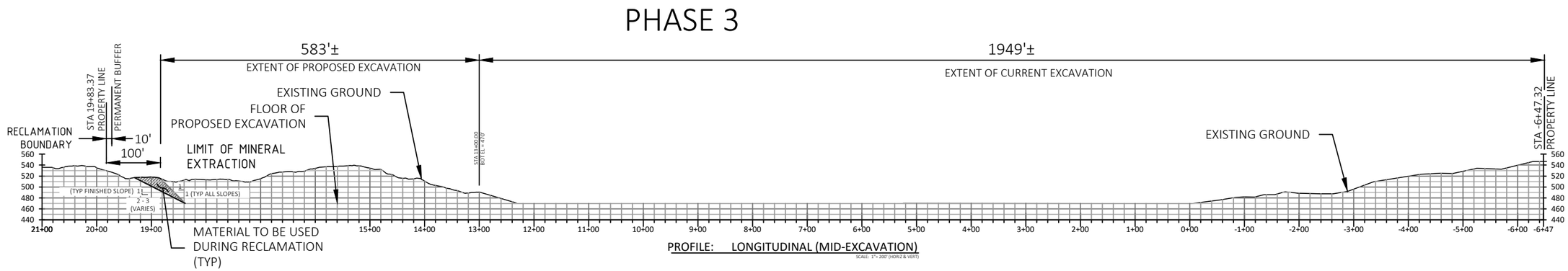
222 GRAND AVE., SUITE C, BELLINGHAM, WA 98225
PHONE: (360) 733-5760
FAX: (360) 647-8939
EMAIL: cmjepson@jepsonengineering.com

PRELIMINARY NOT FOR CONSTRUCTION

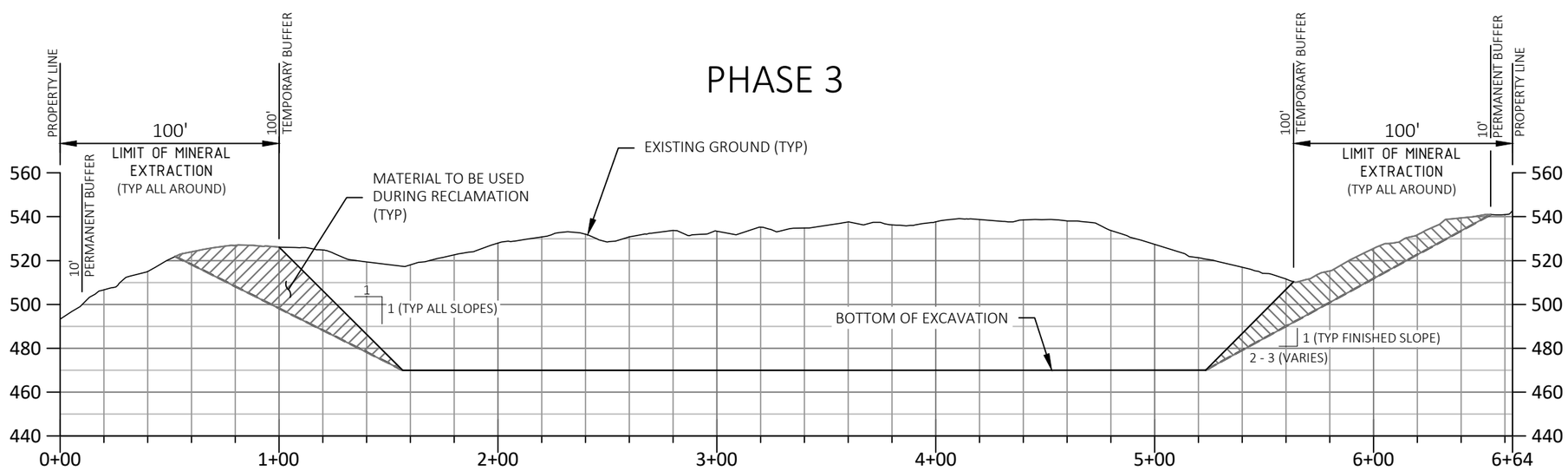
PREPARED FOR: SKAGIT AGGREGATES, L.L.C.
PHASE 3 RECLAMATION

50796 CASCADE HIGHWAY 20
SKAGIT COUNTY, WASHINGTON

CLIENT:	SKAGIT AGGREGATE
PROJ. NO.:	19030
DATE:	12/14/2023
FIELD BK:	
DRWN BY:	M. DUDGEON
CHK'D BY:	R.T. JEPSON
SHEET:	11 of 19



SECTION F - F



SECTION E - E

CROSS SECTION AT STA. 16+00

GRAPHIC SCALE

60' 0 60' 60'

1" = 60' (HORIZ & VERT)

JEPSON & ASSOCIATES
REGISTERED PROFESSIONAL ENGINEERS AND LAND SURVEYORS
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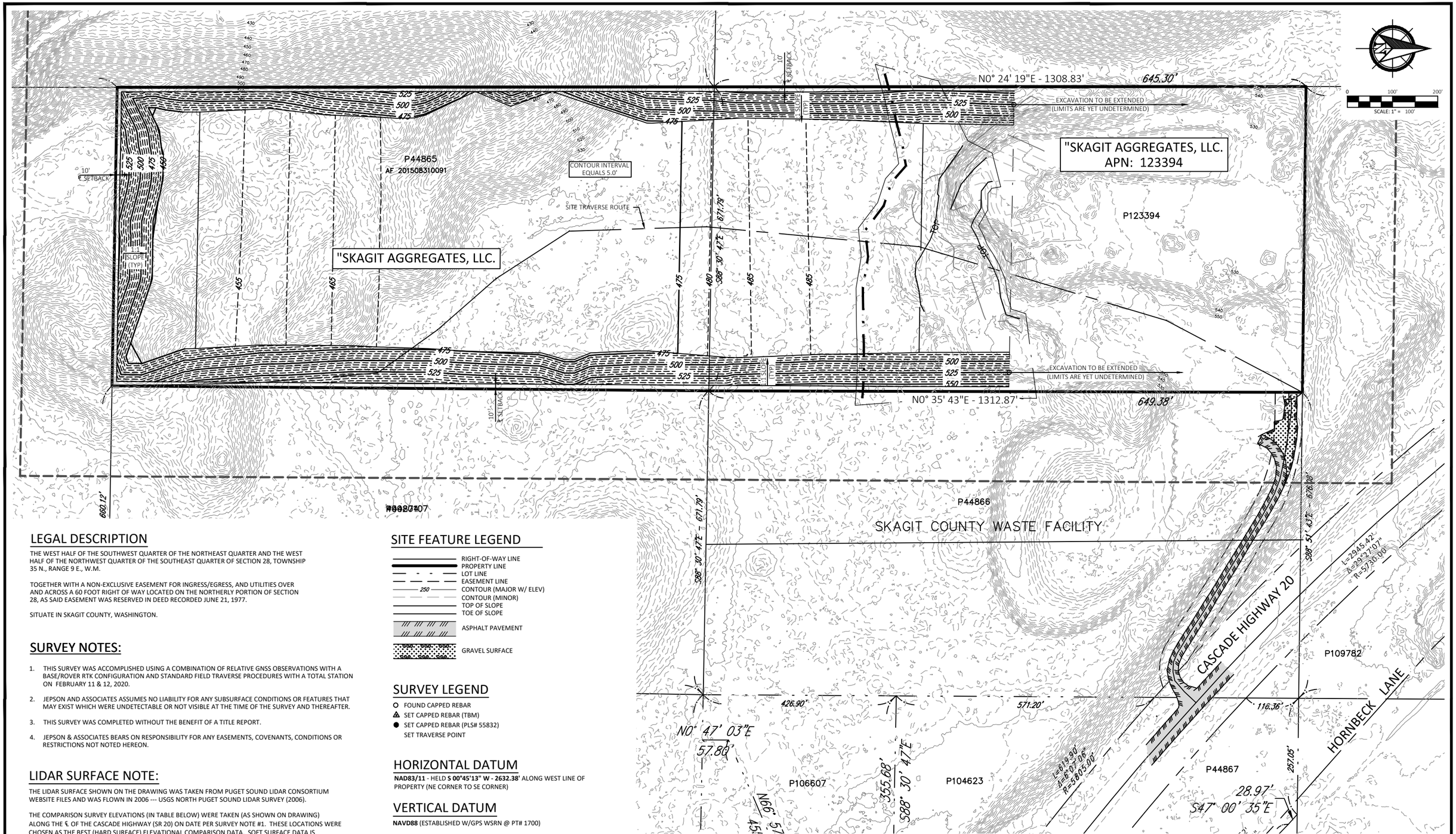
FAX: (360) 647-8939
EMAIL: cmjepson@jepsonengineering.com

PREPARED FOR: SKAGIT AGGREGATES, L.L.C.
PHASE 3 CROSS SECTIONS

PROPOSED SURFACE
50796 CASCADE HIGHWAY 20
SKAGIT COUNTY, WASHINGTON

CLIENT:	SKAGIT AGGREGATE
PROJ. NO.:	19030
DATE:	12/14/2023
FIELD BK:	
DRWN BY:	M. DUDGEON
CHK'D BY:	R.T. JEPSON
SHEET:	12 of 19



LEGAL DESCRIPTION

THE WEST HALF OF THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER AND THE WEST HALF OF THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 28, TOWNSHIP 35 N., RANGE 9 E., W.M.

TOGETHER WITH A NON-EXCLUSIVE EASEMENT FOR INGRESS/EGRESS, AND UTILITIES OVER AND ACROSS A 60 FOOT RIGHT OF WAY LOCATED ON THE NORTHERLY PORTION OF SECTION 28, AS SAID EASEMENT WAS RESERVED IN DEED RECORDED JUNE 21, 1977.

SITUATE IN SKAGIT COUNTY, WASHINGTON.

SURVEY NOTES:

1. THIS SURVEY WAS ACCOMPLISHED USING A COMBINATION OF RELATIVE GNSS OBSERVATIONS WITH A BASE/ROVER RTK CONFIGURATION AND STANDARD FIELD TRAVERSE PROCEDURES WITH A TOTAL STATION ON FEBRUARY 11 & 12, 2020.
2. JEPSON AND ASSOCIATES ASSUMES NO LIABILITY FOR ANY SUBSURFACE CONDITIONS OR FEATURES THAT MAY EXIST WHICH WERE UNDETECTABLE OR NOT VISIBLE AT THE TIME OF THE SURVEY AND THEREAFTER.
3. THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE REPORT.
4. JEPSON & ASSOCIATES BEARS ON RESPONSIBILITY FOR ANY EASEMENTS, COVENANTS, CONDITIONS OR RESTRICTIONS NOT NOTED HEREON.

LIDAR SURFACE NOTE:

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#1060		494.49'	494.03'	0.46'
#1007		495.67'	495.07	0.60'
#1003		496.16'	495.59'	0.57'
			AVERAGE DIFF =	0.57'

SITE FEATURE LEGEND

- RIGHT-OF-WAY LINE
- PROPERTY LINE
- LOT LINE
- EASEMENT LINE
- 250 CONTOUR (MAJOR W/ ELEV)
- CONTOUR (MINOR)
- TOP OF SLOPE
- TOE OF SLOPE
- ASPHALT PAVEMENT
- GRAVEL SURFACE

SURVEY LEGEND

- FOUND CAPPED REBAR
- SET CAPPED REBAR (TBM)
- SET CAPPED REBAR (PLS# 55832)
- SET TRAVERSE POINT

HORIZONTAL DATUM

NAD83/11 - HELD **S 00°45'13" W - 2632.38'** ALONG WEST LINE OF PROPERTY (NE CORNER TO SE CORNER)

VERTICAL DATUM

NAVD88 (ESTABLISHED W/GPS WSRN @ PT# 1700)

EXCAVATION (CUT) VOLUME

EXCAVATION (CUT) VOLUME = 2,669,204 CU. YDS.
AREA OF EXCAVATION - 1,277,276 SF (29.322 AC.)

EXCAVATION NOTE: THE VOLUME AND AREA AS LISTED ABOVE INCLUDES ONLY THE REGION FROM STA 0+00.00 TO STA 19+83.37

JEPSON & ASSOCIATES
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EMAIL: cmjepson@jepsonengineering.com

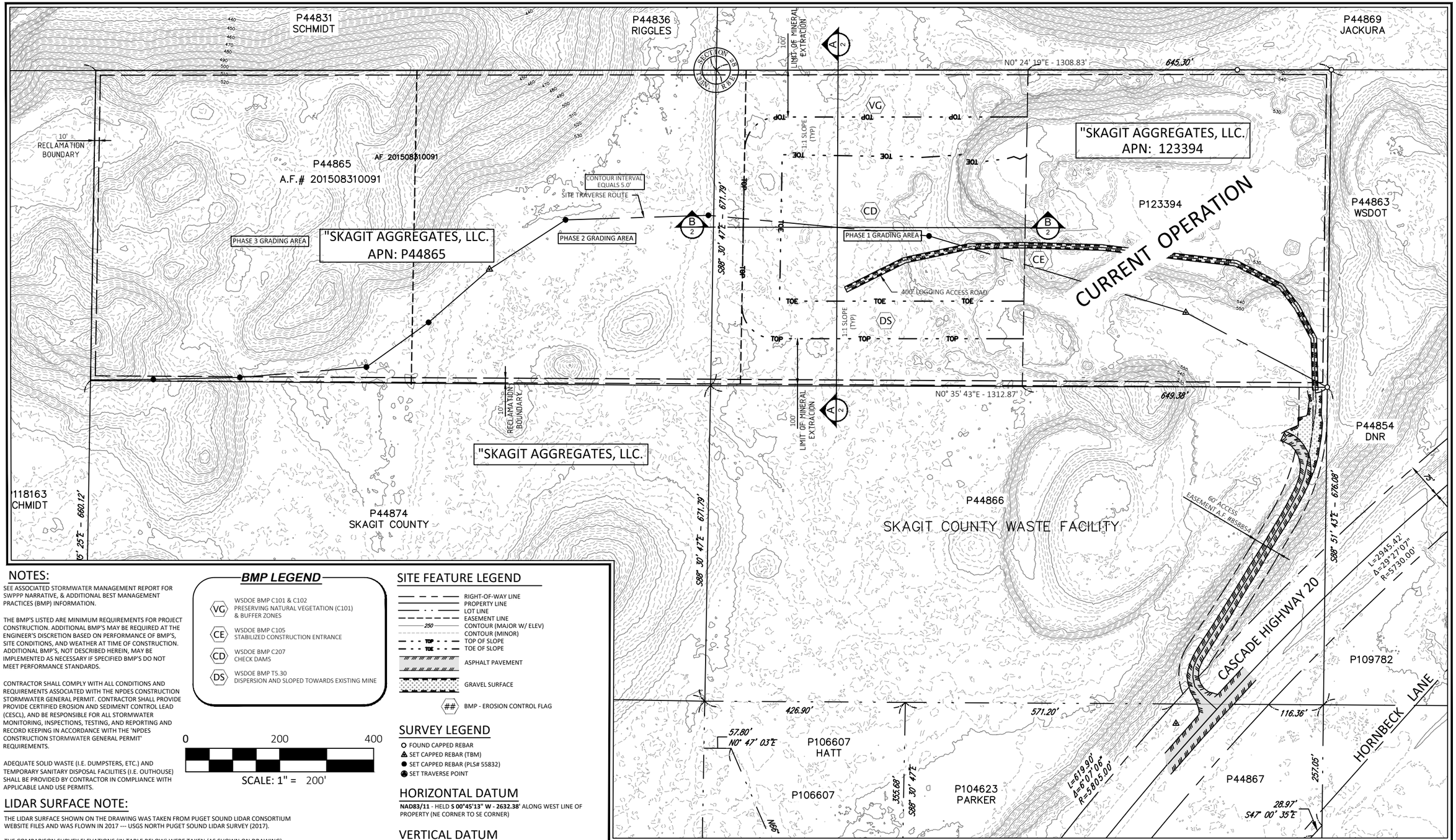
DONALD T. JEPSON — STATE OF WASHINGTON — 9361 — REGISTERED PROFESSIONAL ENGINEER
PRELIMINARY
NOT FOR CONSTRUCTION

PREPARED FOR: SKAGIT AGGREGATES, L.L.C.

FINAL RECLAMATION

50796 CASCADE HIGHWAY 20
SKAGIT COUNTY, WASHINGTON

CLIENT:	SKAGIT AGGREGATE
PROJ. NO.:	19030
DATE:	12/13/2023
FIELD BK:	
DRWN BY:	M. SPARLING
CHK'D BY:	C.M. JEPSON
SHEET:	13 of 19



SCC 14.16.440(8)(a)(iv)

NOTES:

SEE ASSOCIATED STORMWATER MANAGEMENT REPORT FOR SWPPP NARRATIVE, & ADDITIONAL BEST MANAGEMENT PRACTICES (BMP) INFORMATION.

THE BMP'S LISTED ARE MINIMUM REQUIREMENTS FOR PROJECT CONSTRUCTION. ADDITIONAL BMP'S MAY BE REQUIRED AT THE ENGINEER'S DISCRETION BASED ON PERFORMANCE OF BMP'S, SITE CONDITIONS, AND WEATHER AT TIME OF CONSTRUCTION. ADDITIONAL BMP'S, NOT DESCRIBED HEREIN, MAY BE IMPLEMENTED AS NECESSARY IF SPECIFIED BMP'S DO NOT MEET PERFORMANCE STANDARDS.

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BMP LEGEND

- VG — WSDOE BMP C101 & C102 PRESERVING NATURAL VEGETATION (C101) & BUFFER ZONES
- CE — WSDOE BMP C105 STABILIZED CONSTRUCTION ENTRANCE
- CD — WSDOE BMP C207 CHECK DAMS
- DS — WSDOE BMP T5.30 DISPERSION AND SLOPED TOWARDS EXISTING MINE

0 200 400

SCALE: 1" = 200'

SITE FEATURE LEGEND

- RIGHT-OF-WAY LINE
- PROPERTY LINE
- LOT LINE
- EASEMENT LINE
- 250 CONTOUR (MAJOR W/ ELEV)
- CONTOUR (MINOR)
- TOP TOP OF SLOPE
- TOE TOE OF SLOPE
- ASPHALT PAVEMENT
- GRAVEL SURFACE
- ## BMP - EROSION CONTROL FLAG

SURVEY LEGEND

- FOUND CAPPED REBAR
- SET CAPPED REBAR (TBM)
- SET CAPPED REBAR (PLS# 55832)
- SET TRAVERSE POINT

HORIZONTAL DATUM

NAD83/11 - HELD **S 00°45'13" W - 2632.38'** ALONG WEST LINE OF PROPERTY (NE CORNER TO SE CORNER)

VERTICAL DATUM

NAVD88 (ESTABLISHED W/GPS WSRN @ PT# 1700)

EXCAVATION (CUT) VOLUME

EXCAVATION (CUT) VOLUME = 716,565± CU. YDS.
AREA OF EXCAVATION - 283,560± SF (6.50 AC.)

EXCAVATION NOTE: THE VOLUME AND AREA IS CALCULATED FOR PHASE 1 ONLY.

LIDAR SURFACE NOTE:

THE LIDAR SURFACE SHOWN ON THE DRAWING WAS TAKEN FROM PUGET SOUND LIDAR CONSORTIUM WEBSITE FILES AND WAS FLOWN IN 2017 --- USGS NORTH PUGET SOUND LIDAR SURVEY (2017).

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#1003		496.16'	495.59'	0.57'
			AVERAGE DIFF =	0.57'

NAD83(2011) NAVD 88

JEPSON & ASSOCIATES
REGISTERED PROFESSIONAL ENGINEERS AND LAND SURVEYORS
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EMAIL: cmjepson@jepsonengineering.com

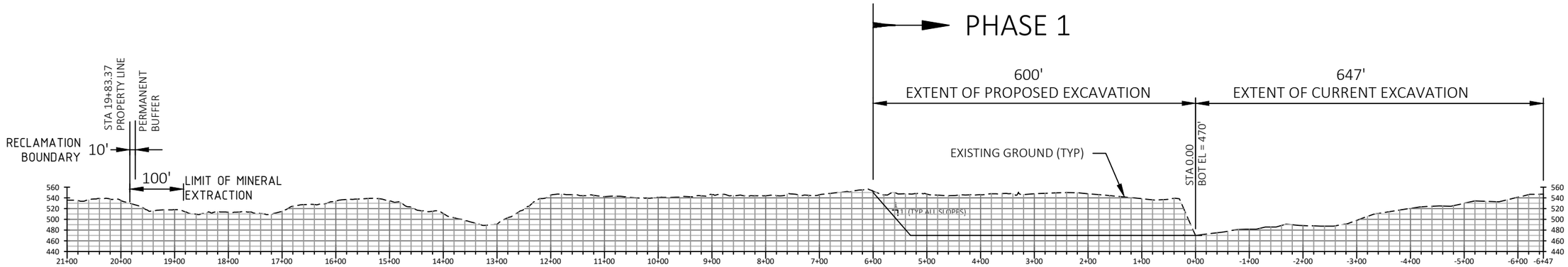
PRELIMINARY NOT FOR CONSTRUCTION

STATE OF WASHINGTON 9361 REGISTERED PROFESSIONAL ENGINEER

PREPARED FOR: SKAGIT AGGREGATES, L.L.C.
PHASE 1 GRADING PLAN

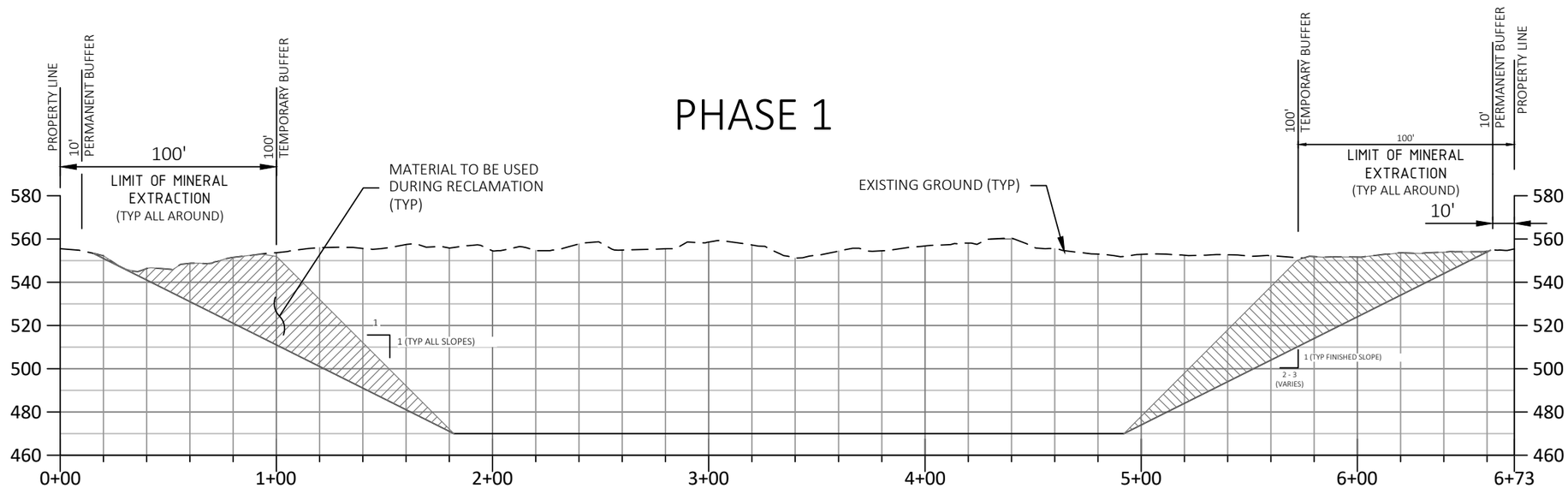
50796 CASCADE HIGHWAY 20
SKAGIT COUNTY, WASHINGTON

CLIENT:	SKAGIT AGGREGATE
PROJ. NO.:	19030
DATE:	12/14/2023
FIELD BK:	
DRWN BY:	M. DUDGEON
CHK'D BY:	R.T. JEPSON
SHEET:	14 of 19



PROFILE: LONGITUDINAL (MID-EXCAVATION)
SCALE: 1"= 200' (HORIZ & VERT)

SECTION B - B



SECTION A - A
CROSS SECTION AT STA. 4+00

GRAPHIC SCALE

60' 0 60' 120'

1" = 60' (HORIZ & VERT)

JEPSON & ASSOCIATES
REGISTERED PROFESSIONAL ENGINEERS AND LAND SURVEYORS
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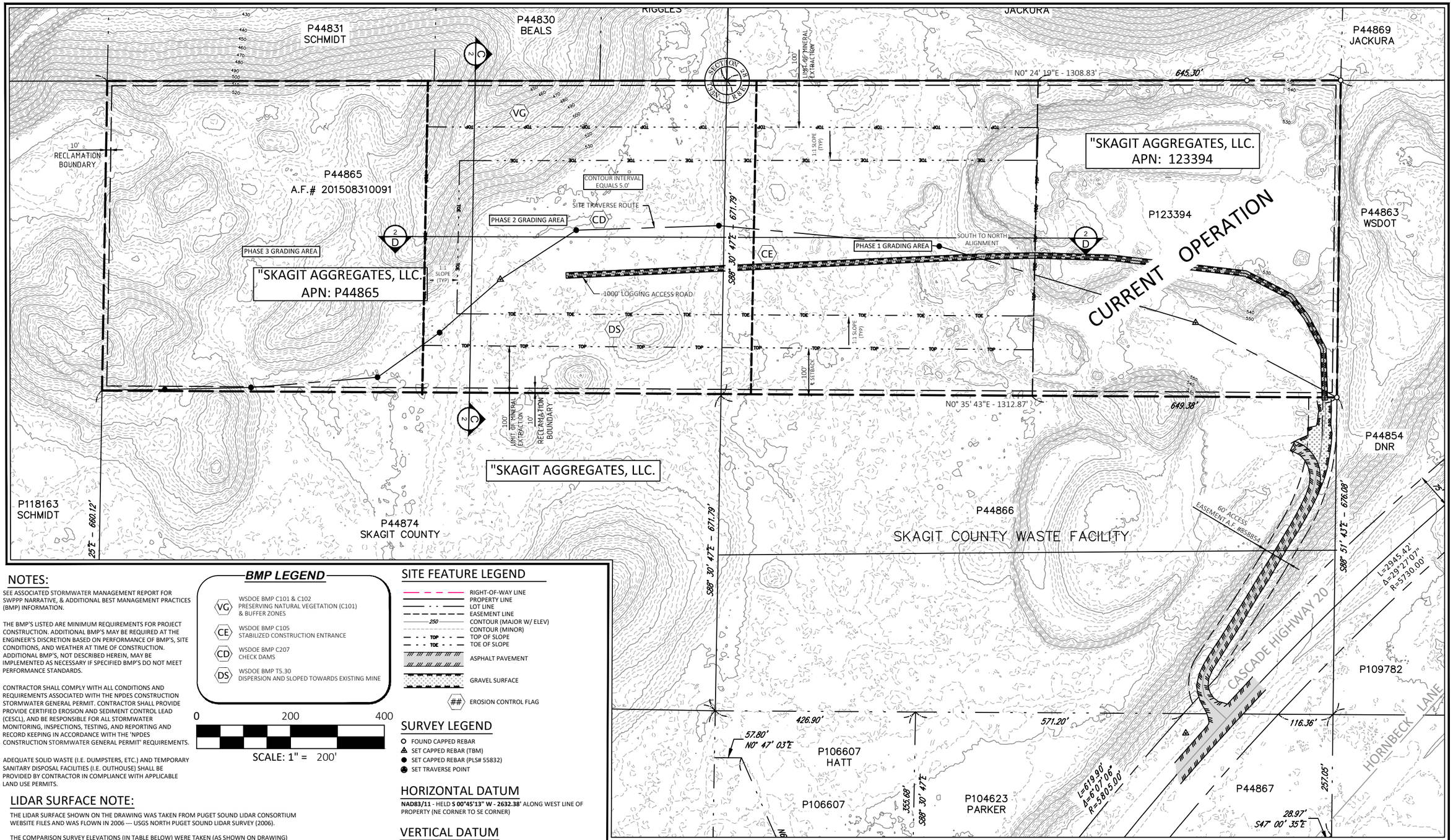
EMAIL: cmjepson@jepsonengineering.com

PRELIMINARY
NOT FOR CONSTRUCTION

PREPARED FOR: SKAGIT AGGREGATES, L.L.C.
PHASE 1 SITE PLAN

PROPOSED PROFILES
50796 CASCADE HIGHWAY 20
SKAGIT COUNTY, WASHINGTON

CLIENT:	SKAGIT AGGREGATE
PROJ. NO.:	19030
DATE:	12/14/2023
FIELD BK:	
DRWN BY:	M. DUDGEON
CHK'D BY:	R.T. JEPSON
SHEET:	15 of 19



SCC 14.16.440(8)(a)(iv)

NOTES:

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BMP LEGEND

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- CD — WSDOE BMP C207 CHECK DAMS
- DS — WSDOE BMP T5.30 DISPERSION AND SLOPED TOWARDS EXISTING MINE

0 200 400

SCALE: 1" = 200'

SITE FEATURE LEGEND

- RIGHT-OF-WAY LINE
- PROPERTY LINE
- LOT LINE
- EASEMENT LINE
- 250 CONTOUR (MAJOR W/ ELEV)
- CONTOUR (MINOR)
- TOP TOP OF SLOPE
- TOE TOE OF SLOPE
- ASPHALT PAVEMENT
- GRAVEL SURFACE
- ## EROSION CONTROL FLAG

SURVEY LEGEND

- FOUND CAPPED REBAR
- SET CAPPED REBAR (TBM)
- SET CAPPED REBAR (PLS# 55832)
- SET TRAVERSE POINT

HORIZONTAL DATUM

NAD83/11 - HELD S **00°45'13" W - 2632.38'** ALONG WEST LINE OF PROPERTY (NE CORNER TO SE CORNER)

VERTICAL DATUM

NAVD88 (ESTABLISHED W/GPS WSRN @ PT# 1700)

EXCAVATION (CUT) VOLUME

EXCAVATION (CUT) VOLUME = 765,645 CU. YDS.
AREA OF EXCAVATION - 327,860 SF (7.52 ACRES.)

EXCAVATION NOTE: THE VOLUME AND AREA CALCULATED FOR PHASE 2 ONLY.

LIDAR SURFACE NOTE:

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THE COMPARISON SURVEY ELEVATIONS (IN TABLE BELOW) WERE TAKEN (AS SHOWN ON DRAWING) ALONG THE ℄ OF THE CASCADE HIGHWAY (SR 20) ON DATE PER SURVEY NOTE #1. THESE LOCATIONS WERE CHOSEN AS THE BEST (HARD SURFACE) ELEVATIONAL COMPARISON DATA. SOFT SURFACE DATA IS AVAILABLE BUT VARIES SIGNIFICANTLY AS EXPECTED.

PT NO.	PT DESC	LIDAR ELEV	PT ELEV	ELEV DIFF (LIDAR-PT)
#1054	℄ SR 20	493.15'	492.50'	0.65'
#1060		494.49'	494.03'	0.46'
#1007		495.67'	495.07	0.60'
#1003		496.16'	495.59'	0.57'
			AVERAGE DIFF =	0.57'

NAD83(2011)

NAVD 88

JEPSON & ASSOCIATES
REGISTERED PROFESSIONAL ENGINEERS AND LAND SURVEYORS
222 GRAND AVE., SUITE C, BELLINGHAM, WA 98225
PHONE: (360) 733-5760
FAX: (360) 647-8939
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DONALD T. JEPSON — STATE OF WASHINGTON — 9361 — REGISTERED PROFESSIONAL ENGINEER

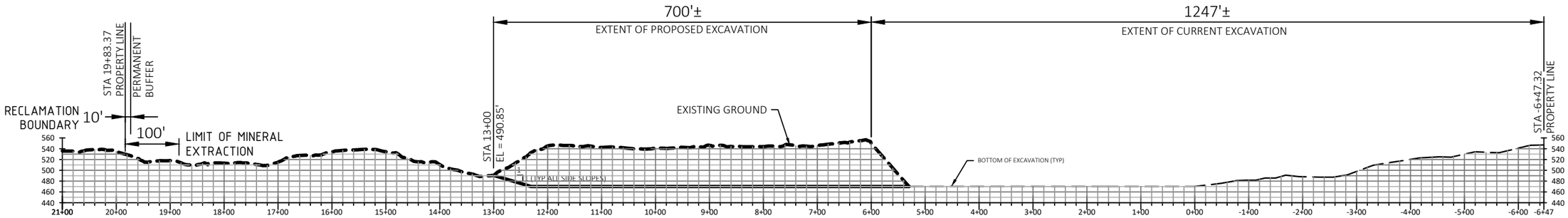
PREPARED FOR: SKAGIT AGGREGATES, L.L.C.

PHASE 2 GRADING PLAN

50796 CASCADE HIGHWAY 20
SKAGIT COUNTY, WASHINGTON

CLIENT:	SKAGIT AGGREGATE
PROJ. NO.:	19030
DATE:	12/14/2023
FIELD BK:	
DRWN BY:	M. DUDGEON
CHK'D BY:	R.T. JEPSON
SHEET:	16 of 19

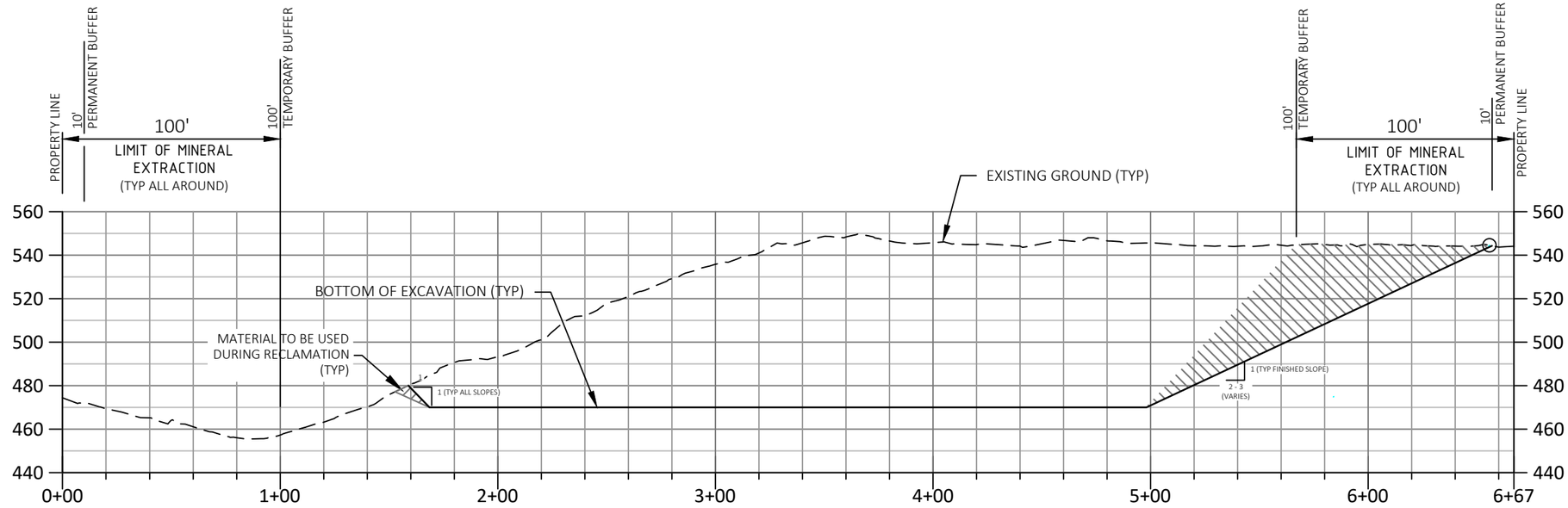
PHASE 2



PROFILE: LONGITUDINAL (MID-EXCAVATION)

SCALE: 1"= 200' (HORIZ & VERT)

SECTION D - D



SECTION C - C

CROSS SECTION AT STA. 12+00

GRAPHIC SCALE

60' 0 60' 120'

1" = 60' (HORIZ & VERT)

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PRELIMINARY NOT FOR CONSTRUCTION

PREPARED FOR: SKAGIT AGGREGATES, L.L.C.

PHASE 2 CROSS SECTIONS

PROPOSED SURFACE
50796 CASCADE HIGHWAY 20
SKAGIT COUNTY, WASHINGTON

CLIENT:	SKAGIT AGGREGATE
PROJ. NO.:	19030
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DRWN BY:	M. DUDGEON
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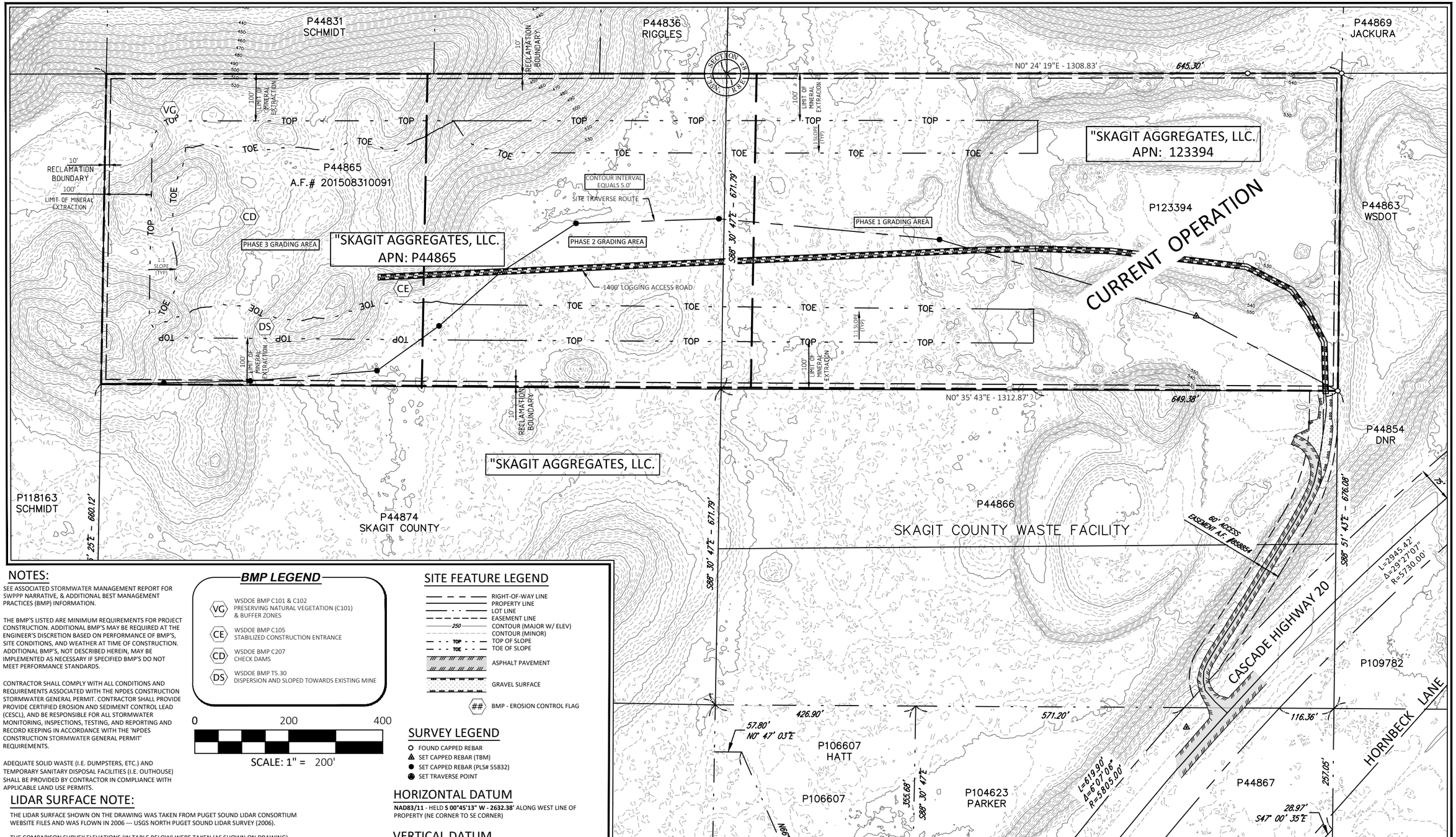
SHEET:	17 of 19



SCC 14.16.440(8)(a)(iv)

NOTES:

SEE ASSOCIATED STORMWATER MANAGEMENT REPORT FOR SWPPP NARRATIVE, & ADDITIONAL BEST MANAGEMENT PRACTICES (BMP) INFORMATION.

THE BMP'S LISTED ARE MINIMUM REQUIREMENTS FOR PROJECT CONSTRUCTION. ADDITIONAL BMP'S MAY BE REQUIRED AT THE ENGINEER'S DISCRETION BASED ON PERFORMANCE OF BMP'S, SITE CONDITIONS, AND WEATHER AT TIME OF CONSTRUCTION. ADDITIONAL BMP'S, NOT DESCRIBED HEREIN, MAY BE IMPLEMENTED AS NECESSARY IF SPECIFIED BMP'S DO NOT MEET PERFORMANCE STANDARDS.

CONTRACTOR SHALL COMPLY WITH ALL CONDITIONS AND REQUIREMENTS ASSOCIATED WITH THE NPDES CONSTRUCTION STORMWATER GENERAL PERMIT. CONTRACTOR SHALL PROVIDE PROVIDE CERTIFIED EROSION AND SEDIMENT CONTROL LEAD (CESCL), AND BE RESPONSIBLE FOR ALL STORMWATER MONITORING, INSPECTIONS, TESTING, AND REPORTING AND RECORD KEEPING IN ACCORDANCE WITH THE 'NPDES CONSTRUCTION STORMWATER GENERAL PERMIT' REQUIREMENTS.

ADEQUATE SOLID WASTE (I.E. DUMPSTERS, ETC.) AND TEMPORARY SANITARY DISPOSAL FACILITIES (I.E. OUTHOUSE) SHALL BE PROVIDED BY CONTRACTOR IN COMPLIANCE WITH APPLICABLE LAND USE PERMITS.

BMP LEGEND

- VG — WSDOE BMP C101 & C102 PRESERVING NATURAL VEGETATION (C101) & BUFFER ZONES
- CE — WSDOE BMP C105 STABILIZED CONSTRUCTION ENTRANCE
- CD — WSDOE BMP C207 CHECK DAMS
- DS — WSDOE BMP T5.30 DISPERSION AND SLOPED TOWARDS EXISTING MINE

0 200 400

SCALE: 1" = 200'

SITE FEATURE LEGEND

- RIGHT-OF-WAY LINE
- PROPERTY LINE
- LOT LINE
- EASEMENT LINE
- 250 CONTOUR (MAJOR W/ ELEV)
- CONTOUR (MINOR)
- TOP TOP OF SLOPE
- TOE TOE OF SLOPE
- ASPHALT PAVEMENT
- GRAVEL SURFACE
- ## BMP - EROSION CONTROL FLAG

SURVEY LEGEND

- FOUND CAPPED REBAR
- SET CAPPED REBAR (TBM)
- SET CAPPED REBAR (PLS# 55832)
- SET TRAVERSE POINT

HORIZONTAL DATUM

NAD83/11 - HELD **S 00°45'13" W - 2632.38'** ALONG WEST LINE OF PROPERTY (NE CORNER TO SE CORNER)

VERTICAL DATUM

NAVD88 (ESTABLISHED W/GPS WSRN @ PT# 1700)

EXCAVATION (CUT) VOLUME

EXCAVATION (CUT) VOLUME = 562,060 CU. YDS.
AREA OF EXCAVATION - 310,946 SF (7.139 ACRES)

EXCAVATION NOTE: THE VOLUME AND AREA CALCULATED FOR PHASE 3 ONLY.

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NAD83(2011) NAVD 88

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PRELIMINARY NOT FOR CONSTRUCTION

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PHASE 3 GRADING PLAN

50796 CASCADE HIGHWAY 20
SKAGIT COUNTY, WASHINGTON

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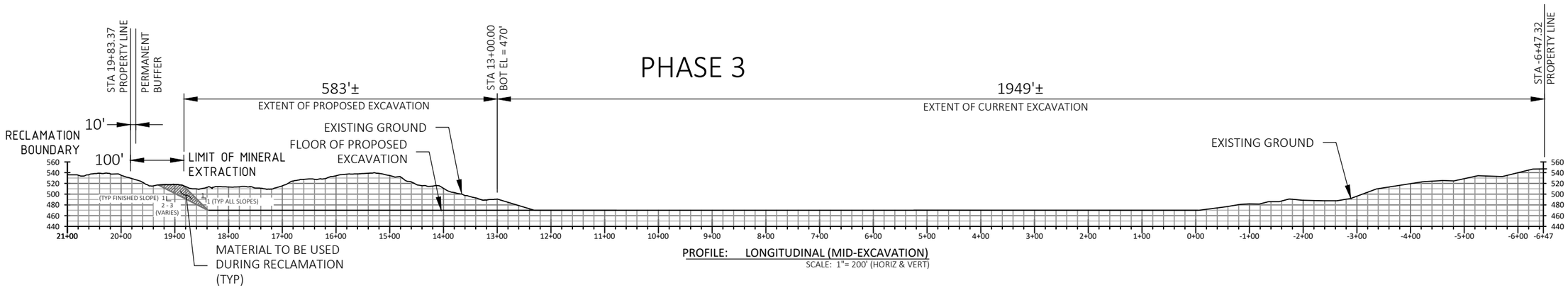
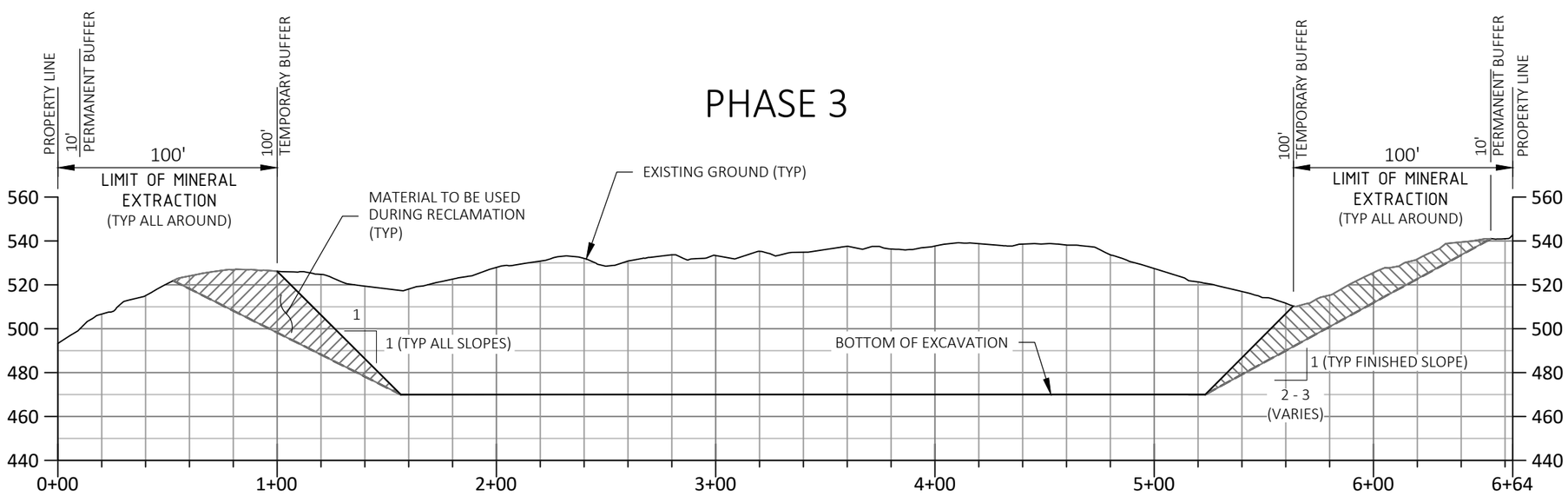


SECTION F - F



SECTION E - E

CROSS SECTION AT STA. 16+00

GRAPHIC SCALE

60' 0 60' 120'

1" = 60' (HORIZ & VERT)

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PHASE 3 CROSS SECTIONS

PROPOSED SURFACE
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