

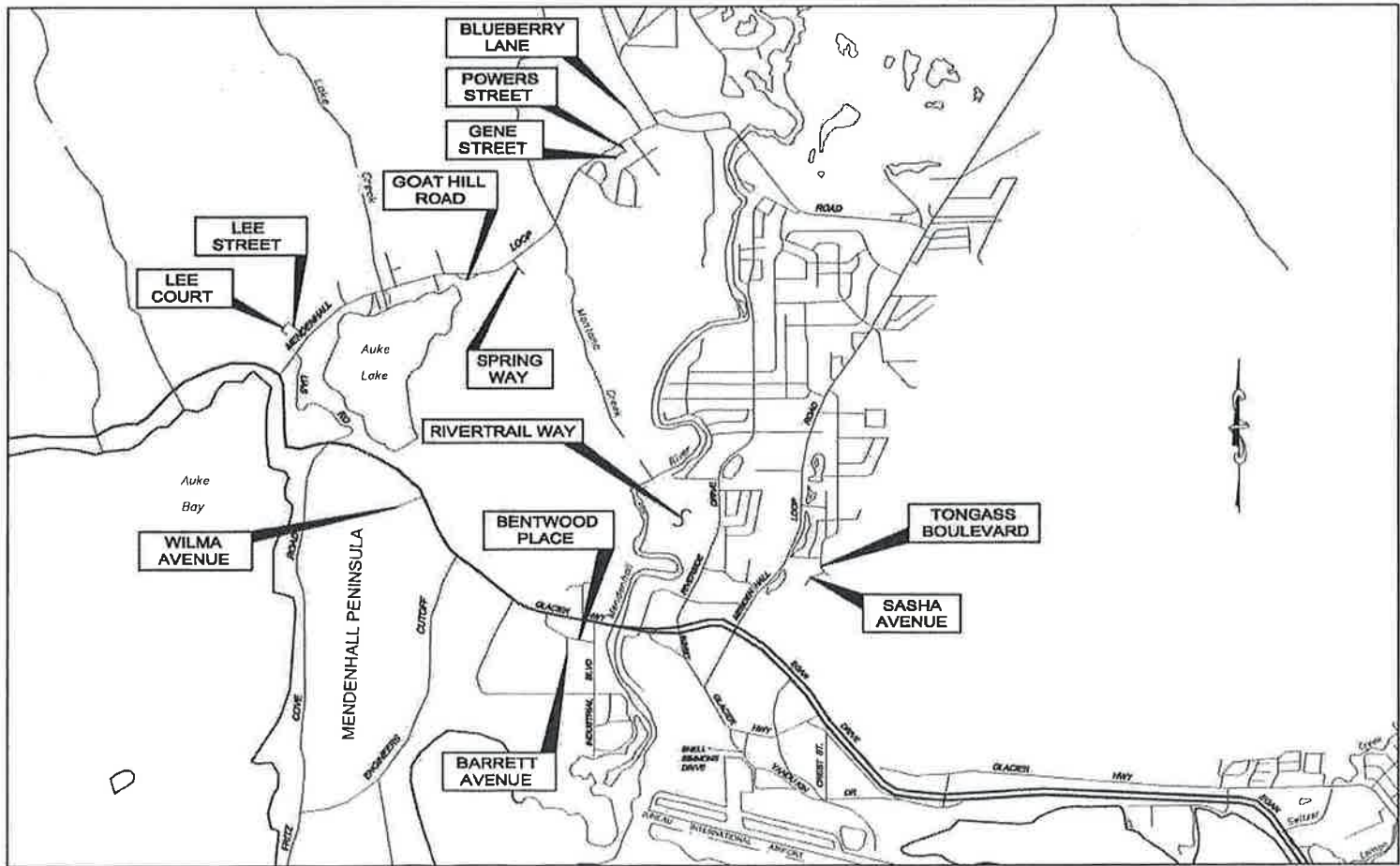
STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

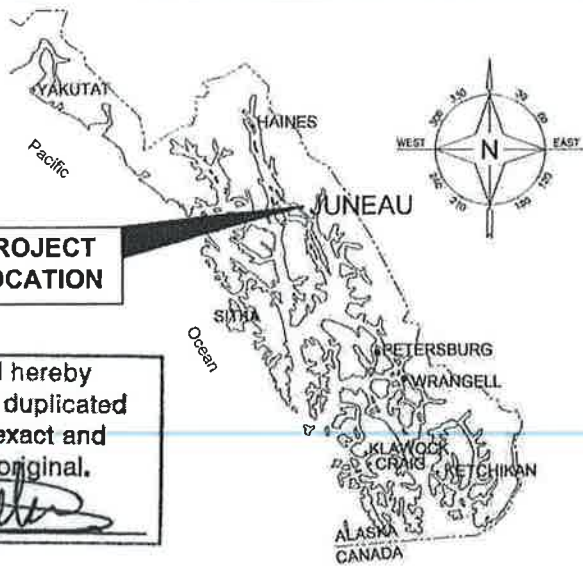
JUNEAU, ALASKA

JNU: MENDENHALL VALLEY
DUST CONTROL - PAVING
CMG-000S(751) ~ 69549

October 16, 2014



VICINITY MAP



The undersigned hereby
certifies that this duplicated
document is an exact and
true copy of the original.
Cody R. Sullivan

SOUTHEAST ALASKA REGION

AS-BUILT PLANS
CONTRACTOR: SECON
PROJ ENGINEER: T. BERGAM
BEGIN CONSTRUCTION: 6/4/15
END CONSTRUCTION: 10/17/15

DESIGN DESIGNATION

A.D.T. = VARIES
V = 20 MPH
LOCAL ROADS - NO TRAFFIC DATA

PROJECT SUMMARY

LENGTH OF PAVING = 1.30 MILES
WIDTH OF PAVING = 24-30 FEET
LENGTH OF PROJECT = 1.30 MILES

THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT:

A-1 D-01.02 I-20.14
C-05.20 D-04.21 M-13.01
M-16.01

THE FOLLOWING STANDARD CBJ DRAWINGS APPLY TO THIS PROJECT:

310

INDEX

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C1	ESTIMATE OF QUANTITIES
D1	SUMMARY TABLES
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E4	LEE COURT DRAINAGE IMPROVEMENT DETAILS
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F4	BARRETT AVENUE PLAN AND PROFILE SHEET
F5	BLUEBERRY LANE PLAN AND PROFILE SHEET
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F7-F8	SASHA AVENUE PLAN AND PROFILE SHEETS
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F10	POWERS STREET PLAN AND PROFILE SHEET
F11	GENE STREET PLAN AND PROFILE SHEET
F12	LEE STREET AND LEE COURT PLAN AND PROFILE SHEET
F13-F14	GOAT HILL ROAD PLAN AND PROFILE SHEETS
F15	RIVERTRAIL WAY PLAN AND PROFILE SHEET
F16	WILMA AVENUE PLAN AND PROFILE SHEET
P1-P2	EROSION AND SEDIMENT CONTROL DETAILS
S1	TRAFFIC CONTROL PLAN

PATH: Q:\Jnu\69549\Planset\A1_Title Sheet

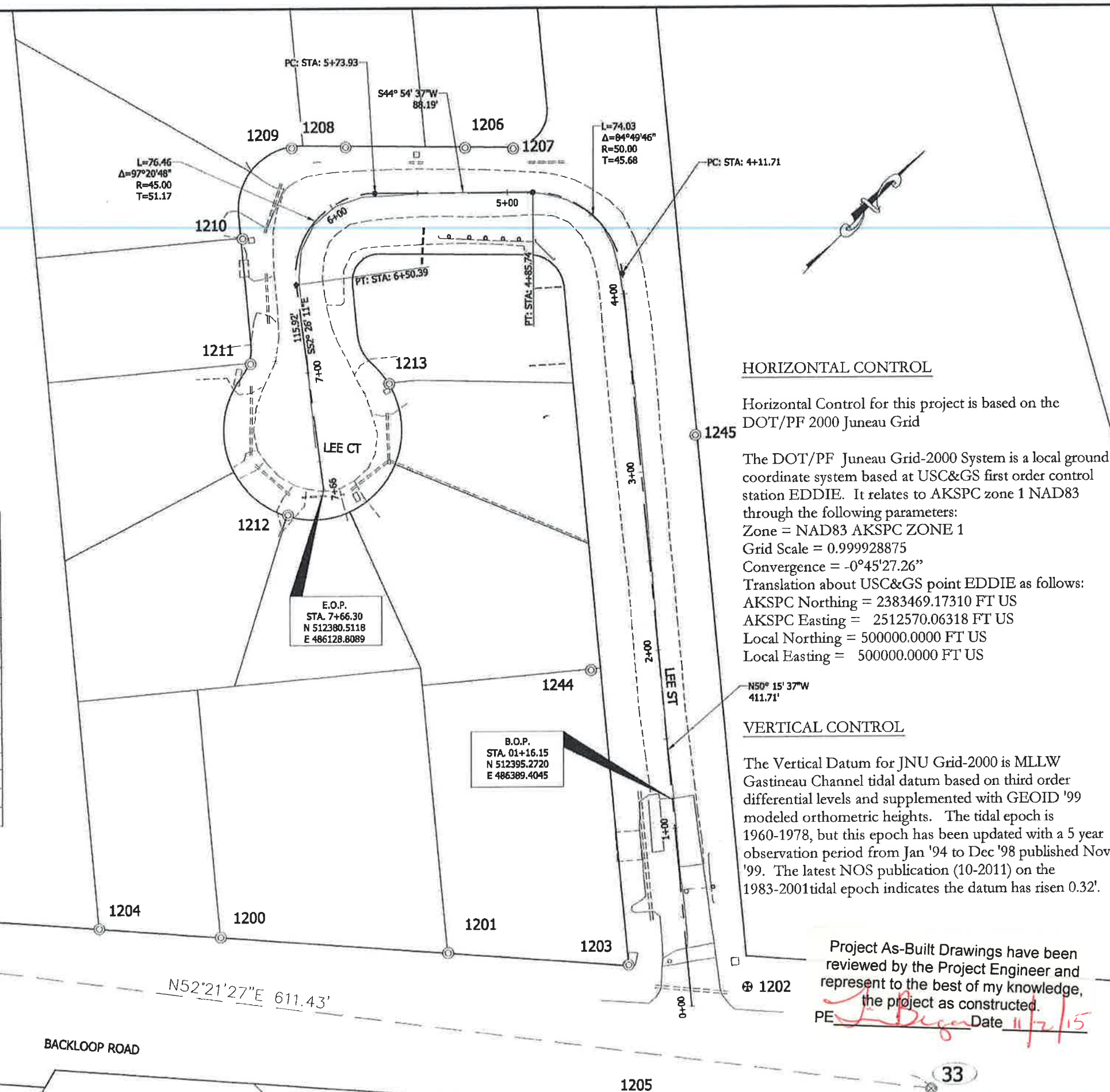
27

EXISTING CONTROL LEE STREET				
Point #	Northing	Easting	Elevation	Description
27	512288.84	486662.99	146.16	GPS_BC2"
32	512008.99	486122.09	124.21	SH_MON2.5" DOT
33	512382.41	486606.24	119.14	SH_MON2.5" DOT

All monuments in this table are provided strictly for survey control. 32 and 33 shall be preserved or referenced prior to disturbance and replaced at their original horizontal position.

EXISTING PROPERTY LEE STREET			
Point #	Northing	Easting	Description
1200	512162.88	486264.22	PLASCAP_4382S
1201	512246.34	486360.99	PLASCAP_3650S
1202	512350.77	486492.96	GLO_BC2.5" S2891-L7-C1/ROW
1203	512312.61	486437.38	PLASCAP_4382S
1204	512118.20	486212.54	PLASCAP_4382S
1205	512267.90	486509.27	PLASCAP_3136S
1206	512572.16	486050.30	PLASCAP_3650S
1207	512590.65	486069.73	PLASCAP_6277S
1208	512525.16	486002.61	PLASCAP_3650S
1209	512503.46	485981.31	PLASCAP_3650S
1210	512448.26	485997.37	PLASCAP_1410S
1211	512401.74	486049.91	PLASCAP/TACK_1410S
1212	512356.59	486124.27	PLASCAP_3650S
1213	512448.76	486113.09	PLASCAP/TACK_4382S
1244	512414.63	486306.11	PLASCAP1 25"/TACK
1245	512548.84	486254.91	REBAR1/2"

All monuments in this table shall be preserved or referenced prior to disturbance and replaced at their original horizontal position.



HORIZONTAL CONTROL

Horizontal Control for this project is based on the DOT/PF 2000 Juneau Grid

The DOT/PF Juneau Grid-2000 System is a local ground coordinate system based at USC&GS first order control station EDDIE. It relates to AKSPC zone 1 NAD83 through the following parameters:
Zone = NAD83 AKSPC ZONE 1
Grid Scale = 0.999928875
Convergence = -0°45'27.26"
Translation about USC&GS point EDDIE as follows:
AKSPC Northing = 2383469.17310 FT US
AKSPC Easting = 2512570.06318 FT US
Local Northing = 500000.0000 FT US
Local Easting = 500000.0000 FT US

VERTICAL CONTROL

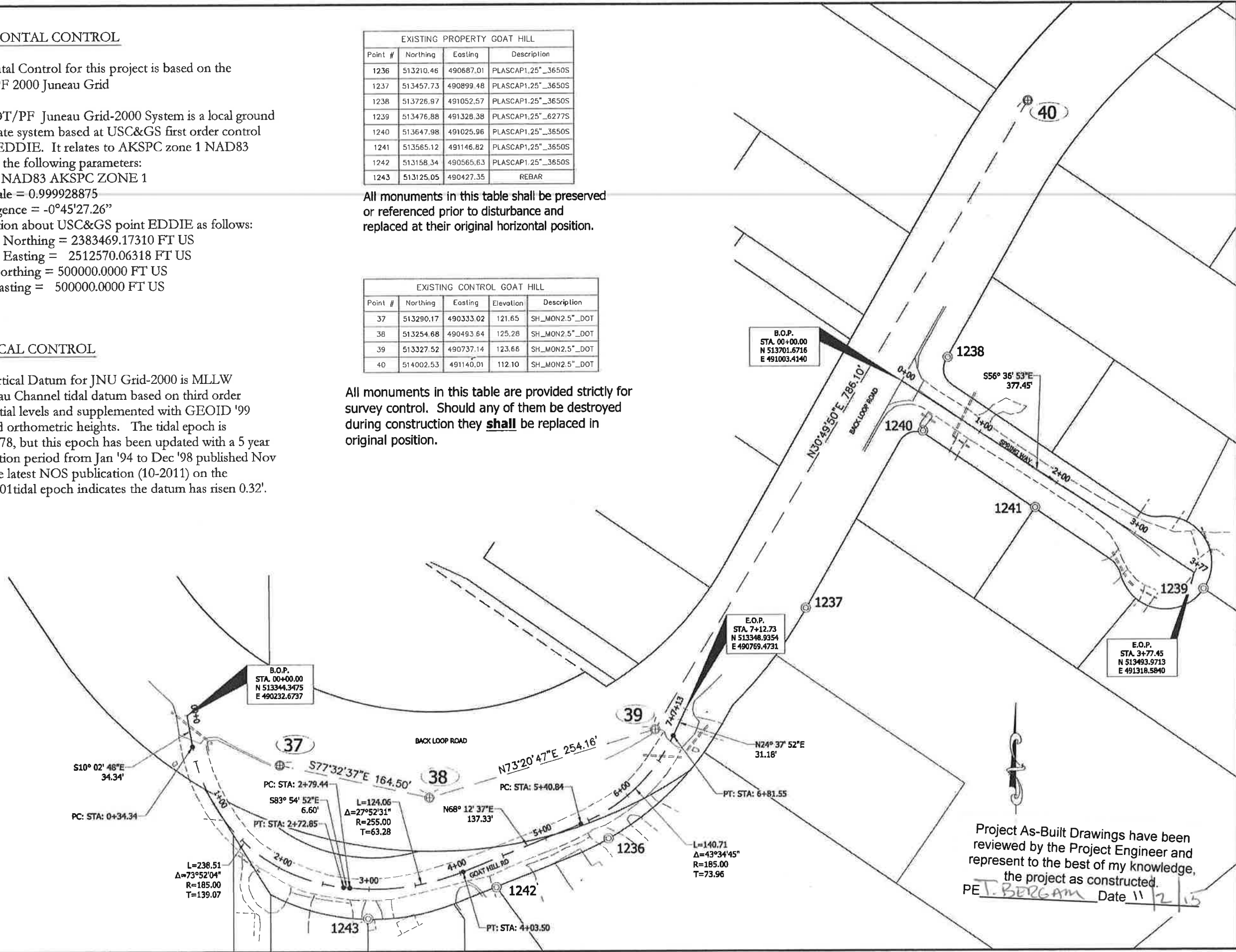
The Vertical Datum for JNU Grid-2000 is MLLW Gastineau Channel tidal datum based on third order differential levels and supplemented with GEOID '99 modeled orthometric heights. The tidal epoch is 1960-1978, but this epoch has been updated with a 5 year observation period from Jan '94 to Dec '98 published Nov '99. The latest NOS publication (10-2011) on the 1983-2001 tidal epoch indicates the datum has risen 0.32'.

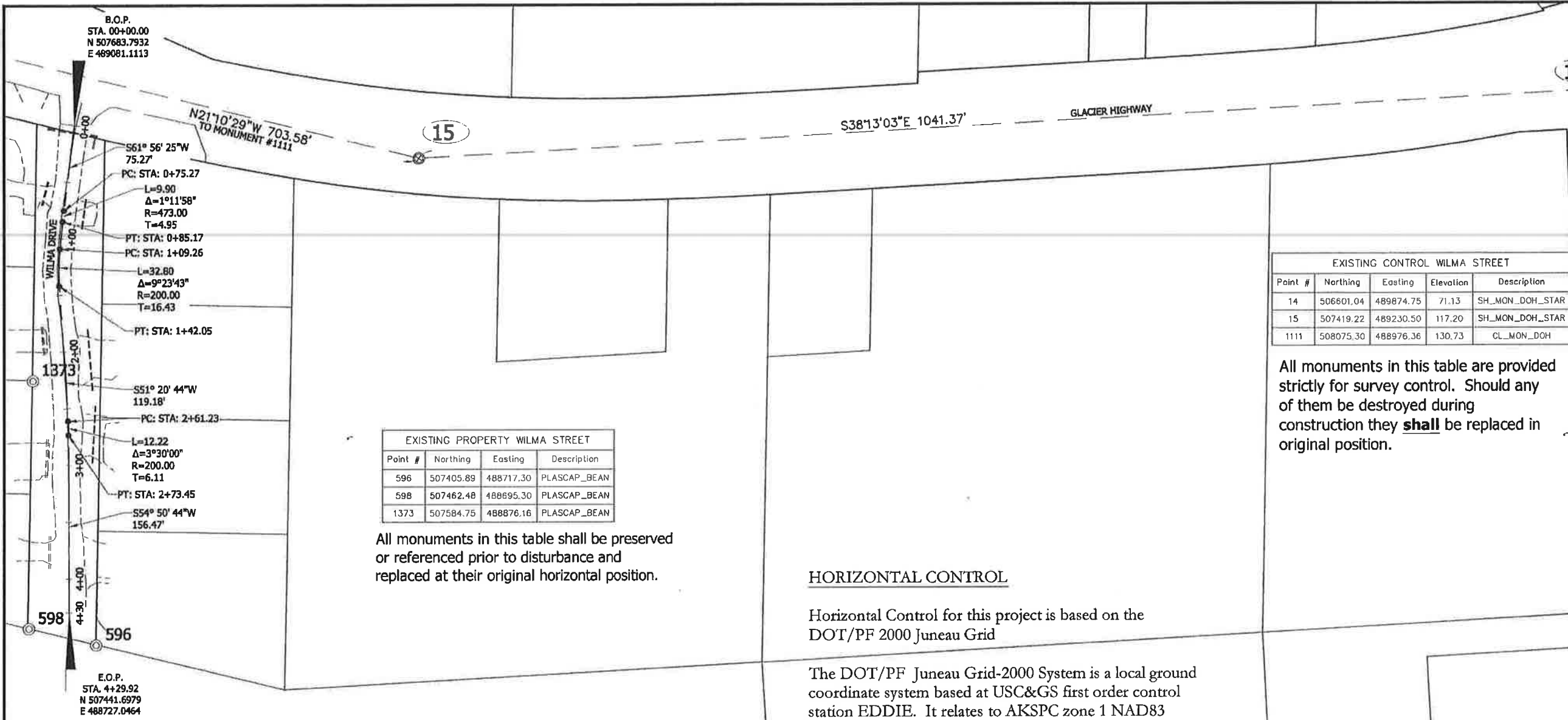
EXISTING PROPERTY GOAT HILL			
Point #	Northing	Easting	Description
1236	513210.46	490687.01	PLASCAP1.25" _3650S
1237	513457.73	490899.48	PLASCAP1.25" _3650S
1238	513726.97	491052.57	PLASCAP1.25" _3650S
1239	513476.88	491328.38	PLASCAP1.25" _6277S
1240	513647.98	491025.96	PLASCAP1.25" _3650S
1241	513565.12	491146.82	PLASCAP1.25" _3650S
1242	513158.34	490565.63	PLASCAP1.25" _3650S
1243	513125.05	490427.35	REBAR

All monuments in this table shall be preserved or referenced prior to disturbance and replaced at their original horizontal position.

EXISTING CONTROL GOAT HILL				
Point #	Northing	Easting	Elevation	Description
37	513290.17	490333.02	121.65	SH_MON2.5" _DOT
38	513254.68	490493.64	125.28	SH_MON2.5" _DOT
39	513327.52	490737.14	123.66	SH_MON2.5" _DOT
40	514002.53	491140.01	112.10	SH_MON2.5" _DOT

All monuments in this table are provided strictly for survey control. Should any of them be destroyed during construction they shall be replaced in original position.





EXISTING PROPERTY WILMA STREET			
Point #	Northing	Easting	Description
596	507405.89	488717.30	PLASCAP_BEAN
598	507462.48	488695.30	PLASCAP_BEAN
1373	507584.75	488876.16	PLASCAP_BEAN

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VERTICAL CONTROL

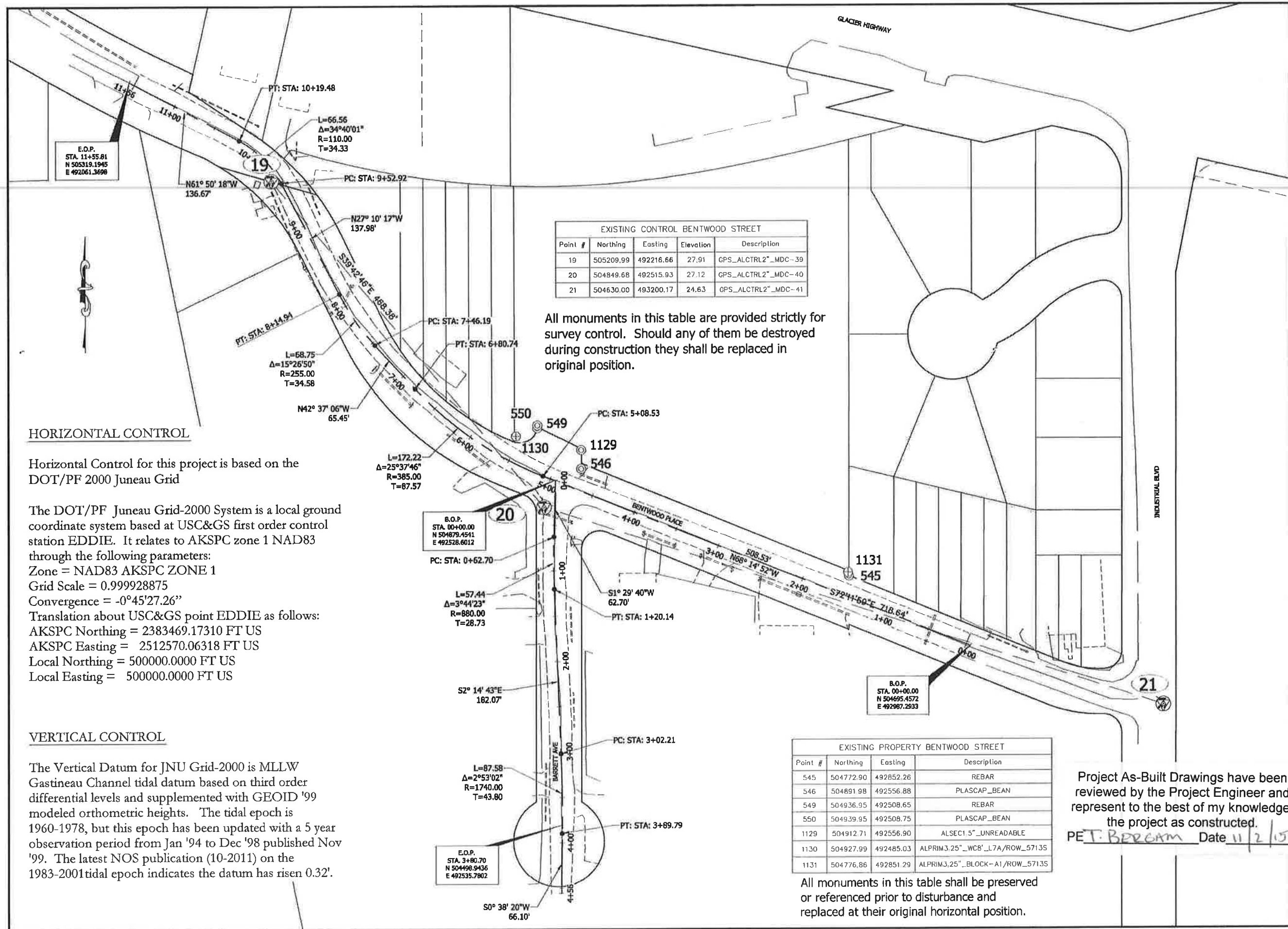
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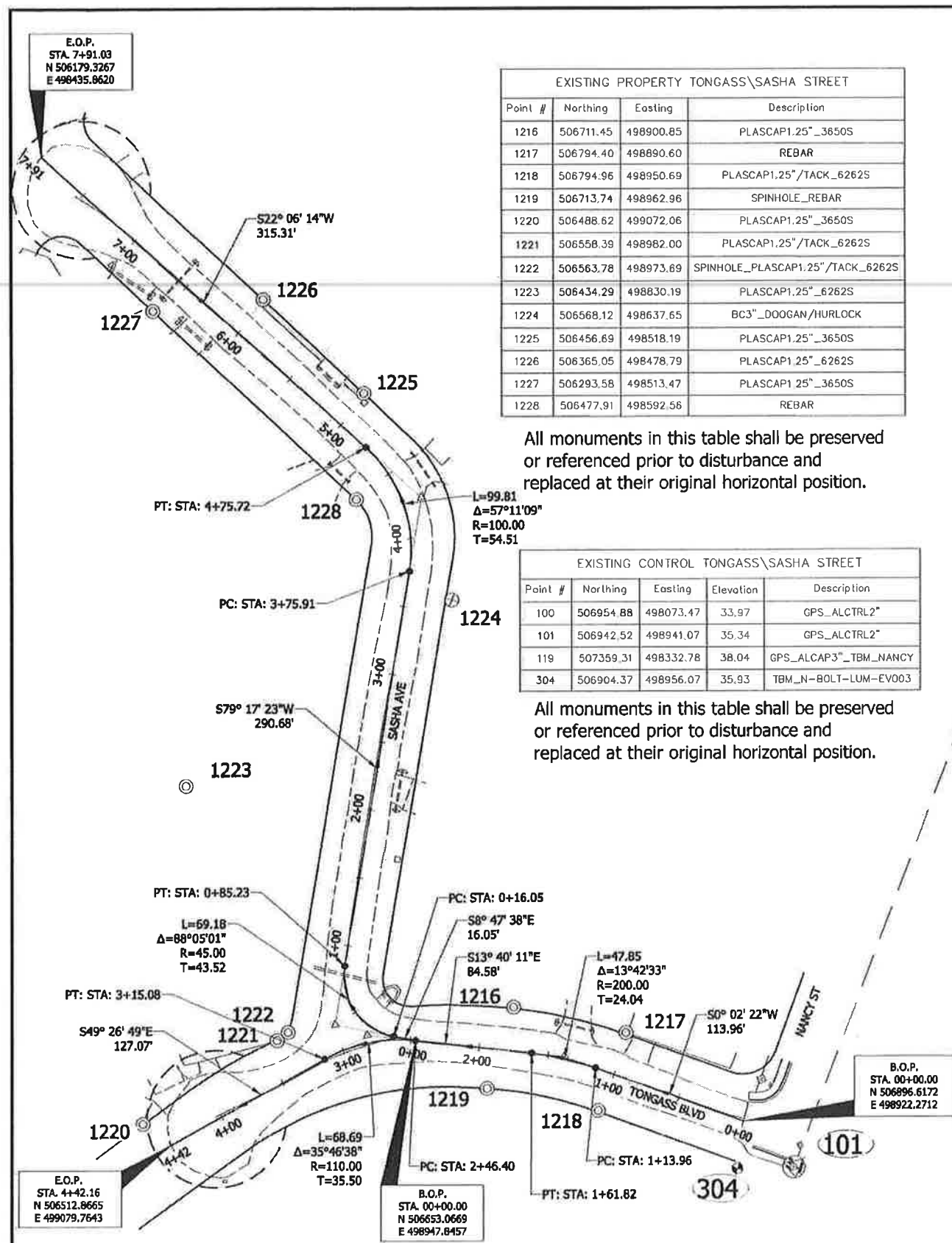
EXISTING CONTROL WILMA STREET				
Point #	Northing	Easting	Elevation	Description
14	506601.04	489874.75	71.13	SH_MON_DOH_STAR
15	507419.22	489230.50	117.20	SH_MON_DOH_STAR
1111	508075.30	488976.36	130.73	CL_MON_DOH

All monuments in this table are provided strictly for survey control. Should any of them be destroyed during construction they **shall** be replaced in original position.

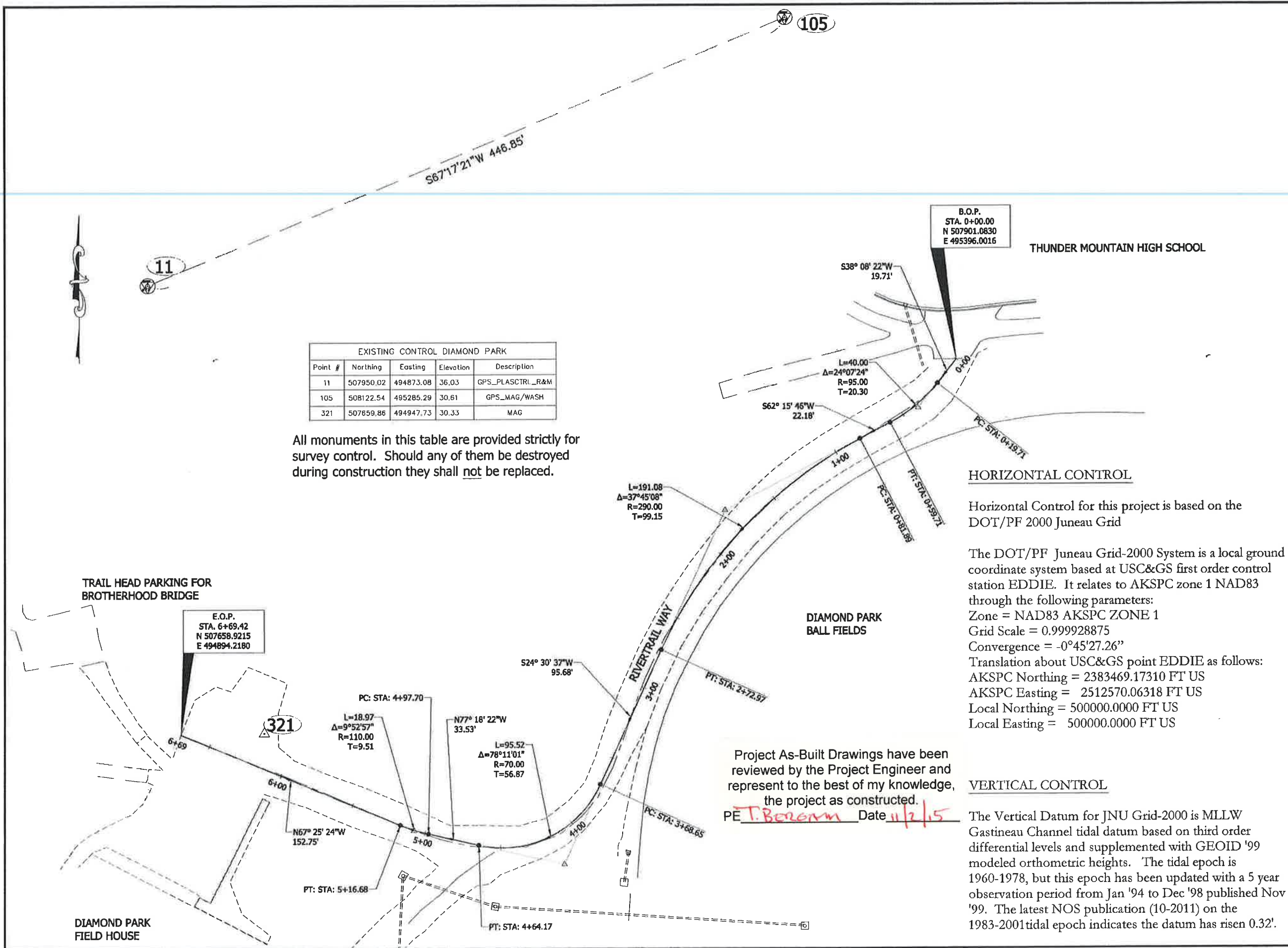
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE T. BERGAM Date 11/2/15

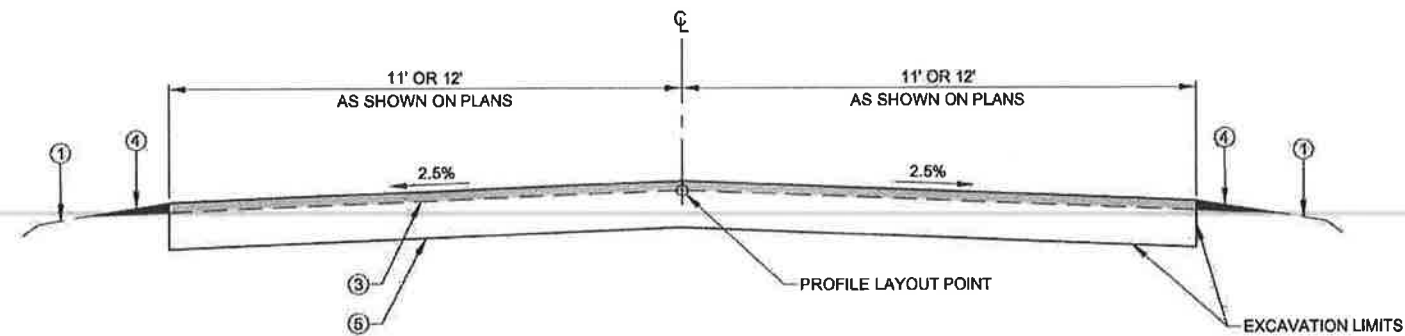
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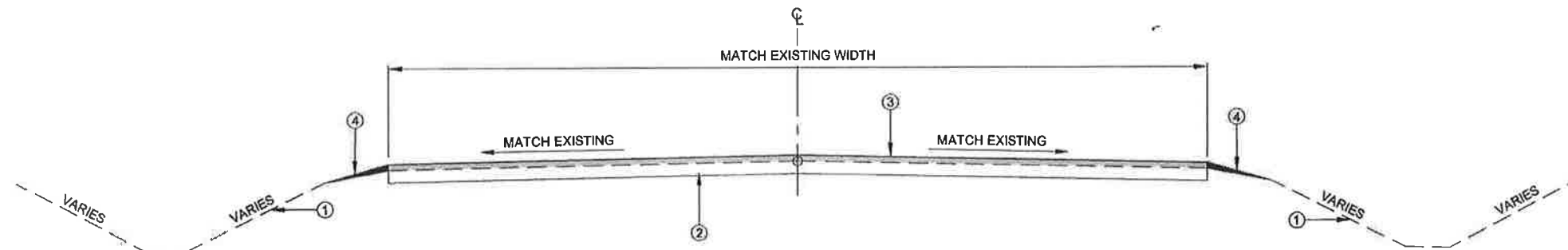


EXISTING PROPERTY BLUEBERRY\POWERS STREET	
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STREET PAVING TYPICAL SECTION



DRIVEWAY TYPICAL SECTION

2 1/2" ASPHALT PAVEMENT OVERLAY

LEGEND

- ① EXISTING GROUND
- ② SCARIFY, GRADE AND COMPACT USING EXISTING ROAD BASE MATERIAL
- ③ 2-1/2" ASPHALT CONCRETE TYPE II, CLASS B
- ④ LINEAR GRADING
- ⑤ 9-1/2" 2 INCH MINUS SHOT ROCK/BASE COURSE

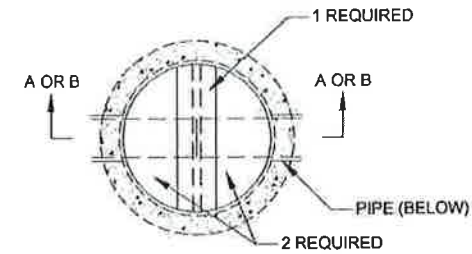
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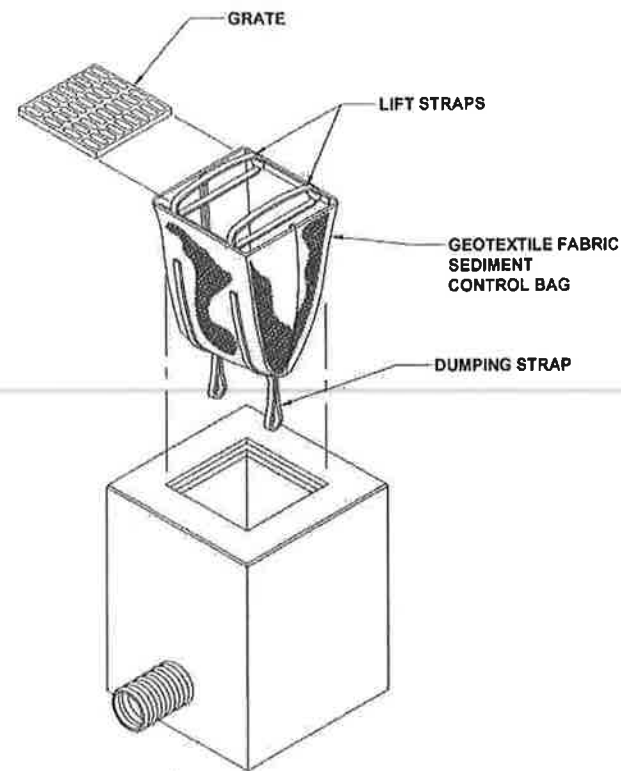
PE: BERGAM Date 11/2/15

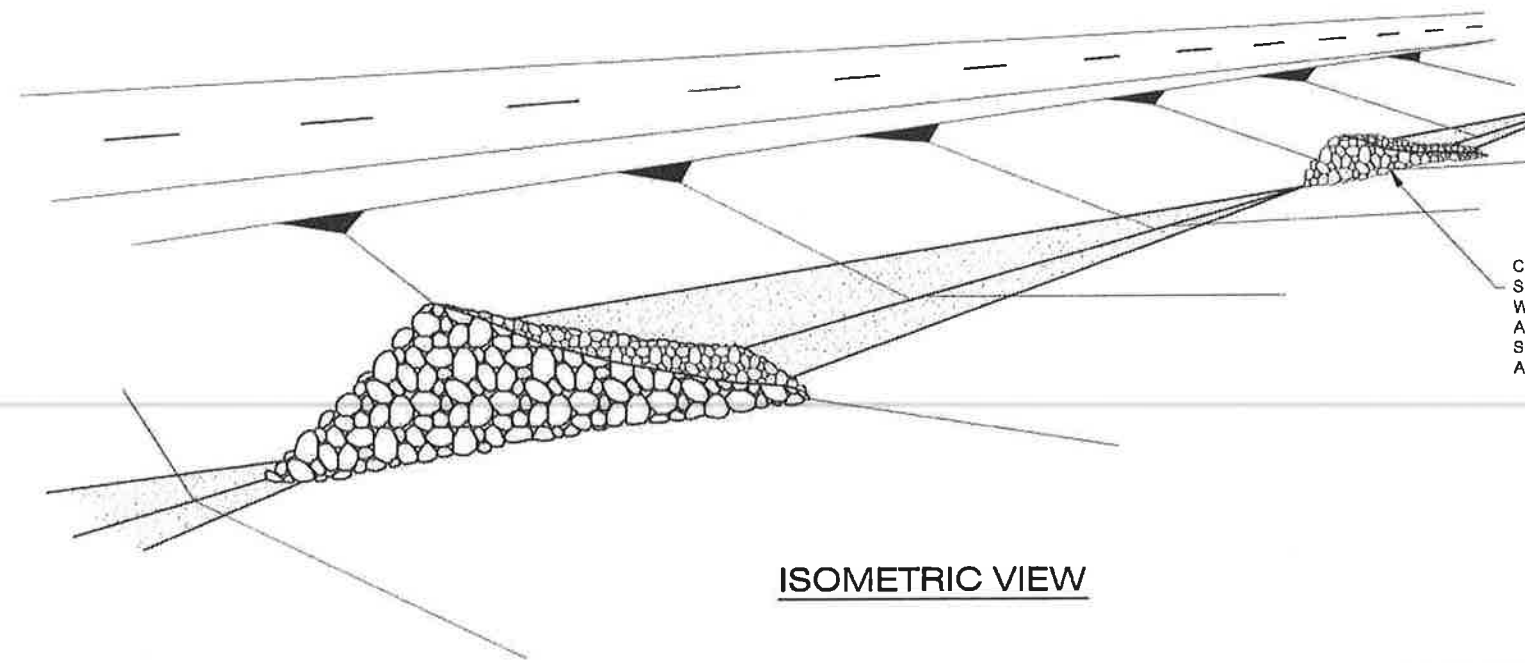
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD  DESIGNED BY: C. HOWARD DRAWN BY: D. STEVENS PATH: Q:\JNU\00540\PLANSET\00540_B1_TYP SECTION.DWG TAB: B1		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES SOUTHEAST REGION JNU: MENDENHALL VALLEY DUST CONTROL - PAVING PROJECT # 69549 TYPICAL SECTIONS												
<table border="1"> <thead> <tr> <th colspan="3">REVISIONS</th> </tr> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		REVISIONS			NO.	DATE	DESCRIPTION				PROJECT DESIGNATION CMG-000S(751)	YEAR 2014	SHEET NO. B1	TOTAL SHEETS 34
REVISIONS														
NO.	DATE	DESCRIPTION												

ESTIMATE OF QUANTITIES			







TRAFFIC CONTROL NOTES

INTERNATIONAL BOUNDARY LINE

CORPORATED OR CITY LIMITS

TOWNSHIP

GENERAL NOTES:

GENERAL NOTES

- 1. All materials and workmanship shall be in accordance with the State of Alaska Standard Specifications for Highway Construction.
- 2. For foundation and structural backfill details see Standard Drawing "Culvert Pipe & Arch Installation Details".
- 3. Pipe cover height is measured from top of the pipe to top of rigid pavement, or to the top of subgrade for flexible pavement. In all cases the minimum cover shall be no less than 2 ft. Where loads traverse the culvert during construction minimum cover shall be no less than 4 ft.

Maximum Cover for Type S Corrugated Polyethelene Pipe	
Size (in.)	Max. Cover (ft.)
12	30.0
15	30.0
18	30.0
24	30.0
30	30.0
36	30.0
40	20.0
48	20.0

REVISIONS		
Date	Description	By
10/31/03	New Sheet 4.	LRG

Sheet 3 of 4

State of Alaska
Department of Transportation
& Public Facilities

PIPE AND ARCH TABLES



Date 10/31/03

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

PE JR Date 3/9/14

D-04.21

GENERAL NOTES

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