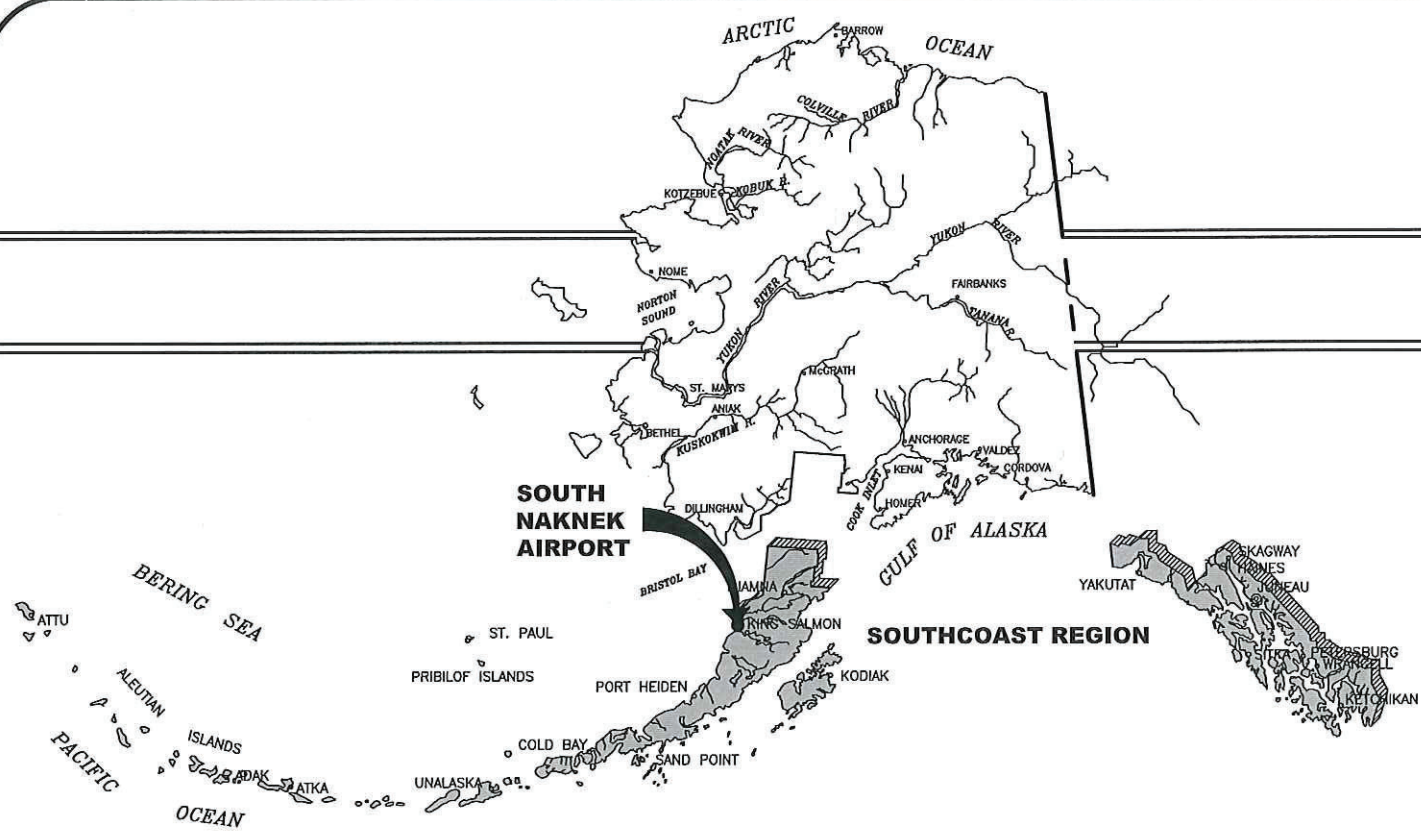


CONSTRUCTION PLANS FOR SOUTH NAKNEK AIRPORT

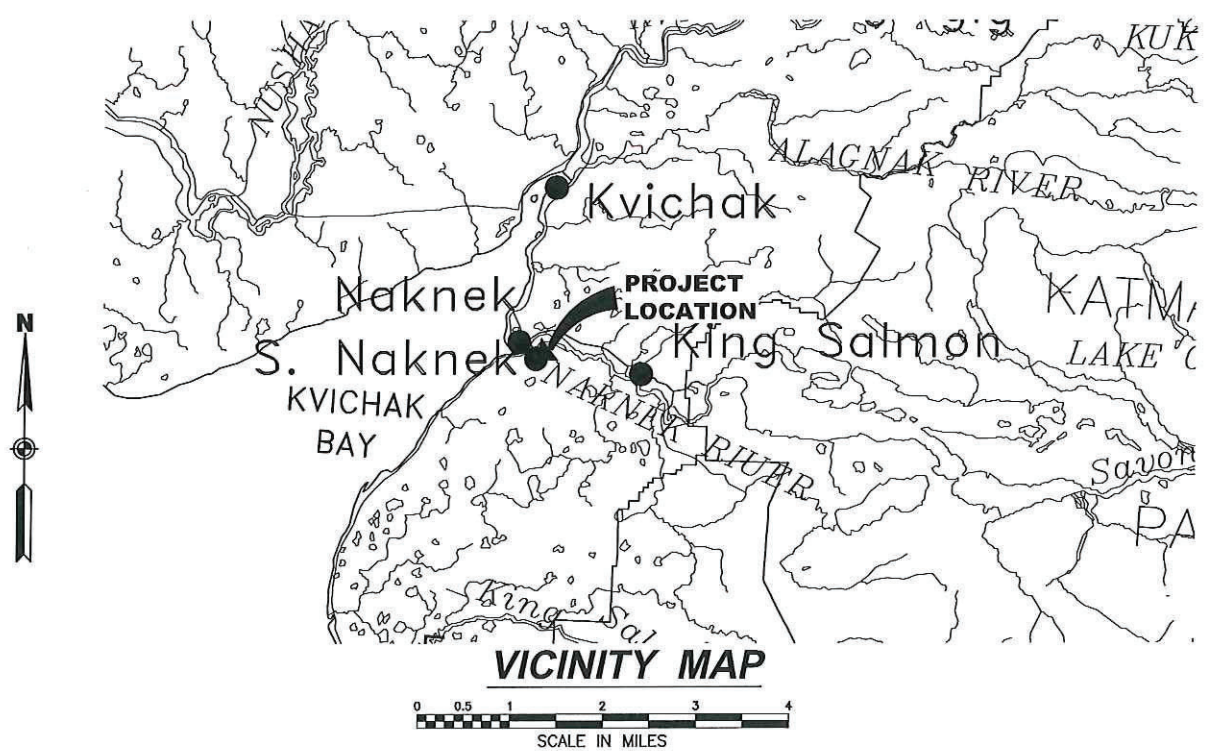
RUNWAY RESURFACING PROJECT NO. SFAPT00099 A.I.P. No. 3-02-0186-002-2019



ALASKA SOUTHCOAST REGION LOCATION MAP
NOT TO SCALE



DESIGN DESIGNATIONS	
AIRPORT REFERENCE CODE	A-1
AIRPORT TYPE	UTILITY
RUNWAY CATEGORY	TRANSPORT
AIRPORT REFERENCE POINT (ARP Coordinates - NAD '83)	Latitude N 58° 42' 07.50" Longitude W 157° 00' 09.32"
RUNWAY DIMENSION	2263 FT x 60 FT (RW 5-23) 60' x 2753' (RW 13-31)
RUNWAY ELEVATION	158.6'/158.6'
RSA DIMENSION	120' x 2263' (RW 5-23) 120' x 3312' (RW 13-31)
RUNWAY/TAXIWAY SURFACE	GRAVEL
RUNWAY LIGHTING	MEDIUM INTENSITY RUNWAY LIGHTING (MIRL)
TAXIWAY LIGHTING	LIGHTING (MITL)
FAA APPROACH AIDS	NONE
RUNWAY MARKING TYPE	NONE



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

Jessica Pukale

October 10, 2019

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

PE *Patrick Hoff*, P.E. Date 1/21/21

CONCUR *D. Lance Mearig* DATE 17 Jun 2019
D. LANCE MEARIG, P.E. REGIONAL DIRECTOR

APPROVED *L. Pat Carroll* DATE 6/13/19
L. PAT CARROLL, P.E. REGIONAL PRECONSTRUCTION ENGINEER

APPROVED *Christopher B. Goins* DATE 6/13/19
CHRISTOPHER B. GOINS, P.E. DESIGN SECTION CHIEF

APPROVED *Loren K. Gehring* DATE 6/13/19
LOREN K. GEHRING P.E. S.E. PROJECT MANAGER

**SPONSORED BY STATE OF ALASKA DEPARTMENT
OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHCOAST REGION**

6860 GLACIER HIGHWAY
JUNEAU, ALASKA 99801
907-465-1763

SHEET A1 OF 40

DESIGNED: J. PAPO, CHECKED: D. GNOTOV, DRAFTED: J. PAPO
 XREFS
 SCALE
 LAYOUT
 DATE: 6/6/2019 13:24
 TIME
 DATE: 6/6/2019 13:24
 TIME
 DRAWING LOCATION
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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA		2019	A3	40

Point #	Northing	Easting	NAVD88 Elev.	Description	Station	Offset
407	341462.04	144507.41	152.87	ALCAP_FND_DOWL_6714-S	213+61.19	3074.96R
408	343491.92	141826.17	156.26	ALCAP_FND_DOWL_6714-S	199+99.54	0.00R
409	344811.36	144207.76	117.94	ALCAP_FND_DOWL_6714-S	227+22.20	0.00R

CENTERLINE MONUMENT TABLE

EXISTING RUNWAY CENTERLINE MONUMENTS IN THIS TABLE SHOULD BE PRESERVED IN PLACE IF AT ALL POSSIBLE. IF NOT, ANY RUNWAY CENTERLINE MONUMENTS IN THIS TABLE SHALL BE REFERENCED PRIOR TO DISTURBANCE AND REPLACED AT THEIR ORIGINAL HORIZONTAL POSITION. A RECORD OF MONUMENT FORM IN ACCORDANCE WITH A.S.34.65.040 SHALL BE SUBMITTED TO DOT&PF PROJECT ENGINEER FOR REVIEW PRIOR TO RECORDING FOR EACH MONUMENT.

Point #	Northing	Easting	NAVD88 Elev.	Description	Station	Offset
1000	341210.13	144411.42	151.46	BC_FND_DIGMON_DOI-1/4-S14/S23_POOR_CONDITION	211+55.14	3248.79R
1001	345171.41	144415.42	101.56	BC_FND-DIGMON_T17SR47W_S12CC/AP7-TR38/S7545-L3	230+78.34	214.31L
1002	345443.48	140364.33	126.58	BC_FND-DIGMON_BLM_T17S-R47W-S15/TR37-AP-2	196+66.58	2415.52L
1003	344264.86	141598.59	131.91	BC_FND-DIGMON_BLM_T17S-R47W-S15/TR37-AP-4	201+75.05	786.41L
1004	344063.43	141775.04	151.13	BC_FND-DIGMON_BLM_TR37-CC/S15/S14	202+31.78	524.70L
1006	344228.92	142171.60	153.25	ALCAP_FND-2_DOWL-SNA-402	206+58.86	477.28L
1008	342498.13	143142.12	154.47	BC_FND_DIGMON_BLM_TR37/S14-T17R47W	206+69.03	1507.02R
1009	342466.61	144098.77	155.77	BC_FND_DIGMON_BLM_T17SR47W-S14/AP-11-TR-37	214+90.56	1998.20R
1010	342896.33	144363.19	148.54	BC_FND_DIGMON_BLM_T17SR47W-S14/AP-12-TR-37	218+33.19	1925.40R
1011	344296.24	142965.62	135.65	BC_FND_DIGMON_BLM_T17SR47W-S14/AP-5-TR-38/TR-37	213+86.04	151.37L
1013	344955.43	142390.24	131.87	BC_FND_DIGMON_BLM_TR-38-AP-4/TR-37-AP-13	212+02.19	1006.82L

PROPERTY MONUMENT TABLE

ALL PROPERTY MONUMENTS IN THE EXISTING PROPERTY TABLE SHALL BE PRESERVED IN PLACE OR REFERENCED PRIOR TO DISTURBANCE AND REPLACED AT THEIR ORIGINAL HORIZONTAL POSITION. A RECORD OF MONUMENT FORM IN ACCORDANCE WITH A.S.34.65.040 SHALL BE SUBMITTED TO DOT & PF PROJECT ENGINEER FOR REVIEW PRIOR TO RECORDING FOR EACH MONUMENT.

HORIZONTAL & VERTICAL CONTROL STATEMENT

NAME: BRISTOL BAY 2016 LOW DISTORTION PROJECTION
 PROJECTION TYPE: TRANSVERSE MERCATOR
 LATITUDE OF GRID ORIGIN: 58°35'00.0"N (58.5833333333333°)
 CENTRAL MERIDIAN (GRID ORIGIN): 156°58'00.0"W (-156.966666666667°)
 FALSE NORTHING: 300000.0 FT
 FALSE EASTING: 150000.0 FT
 GRID SCALE FACTOR: 1.000004
 LINEAR UNIT: U.S. SURVEY FEET
 DATUM: NAD_1983_2011
 ELLIPSOID: GRS_1980
 SEMI-MAJOR AXIS (M): 6378137.0
 INVERSE FLATTENING: 298.257222101

THE VERTICAL DATUM IS NAVD88 BASED ON TIES TO NSRS AND G12B.

MONUMENT NOTES:

- IF ANY PAIR OF CONTROL POINTS DISAGREES FROM PUBLISHED VALUE BY MORE THAN 1:10,000 HORIZONTALLY OR VERTICALLY THEN A THIRD NETWORK POINT MUST BE TIED TO ASCERTAIN WHICH POINT IS IN ERROR OR HAS BEEN DISTURBED.
- WHETHER LISTED OR NOT, ALL PROPERTY MONUMENTS, PROPERTY MARKERS, OR ACCESSORIES THAT ARE DISTURBED OR BURIED SHALL BE REFERENCED PRIOR TO BEING DISTURBED, AND RE-ESTABLISHED IN THEIR ORIGINAL HORIZONTAL POSITION AND A RECORD OF MONUMENT FORM IN ACCORDANCE WITH A.S.34.65.040 SHALL BE SUBMITTED TO THE DOT&PF PROJECT ENGINEER FOR REVIEW PRIOR TO RECORDING.

NEW C/L MONUMENT TO BE SET

AK DOT&PF
 RWY 13-31 C/L
 STA 100+00

SET 3-1/4" ALUMINUM CAP ON 2" X 30" ALUMINUM POST (BERNTSEN A130 OR SIMILAR) AT STATION 100+00 AT FINISHED GRADE RWY 13-31 CENTERLINE

Point #	Northing	Easting	NAVD88 Elev.	Description	Station	Offset
1	343688.50	142411.77	158.63	BC_DOT-PF_WSN-A	206+07.04	111.83R
2	341369.50	144823.85	160.30	BC_DOT-PF_WSN-B	215+93.14	3309.26R
3	344460.01	144274.34	115.69	BC_DOT-PF_WSN-C_Poor-Condition	226+10.18	339.60R
1005	344667.15	141732.19	150.71	ALCAP_FND-DOWL_SNA-14	204+86.87	1073.55L
1012	344511.34	142378.48	150.18	TBM_N-BOLT-WINDSOCK_PREV.#601	209+76.69	624.06L
1014	345247.11	142665.16	128.34	PLASCAP_RED-DOWL-CTRL-CAP	215+84.02	1128.73L

SURVEY CONTROL TABLE

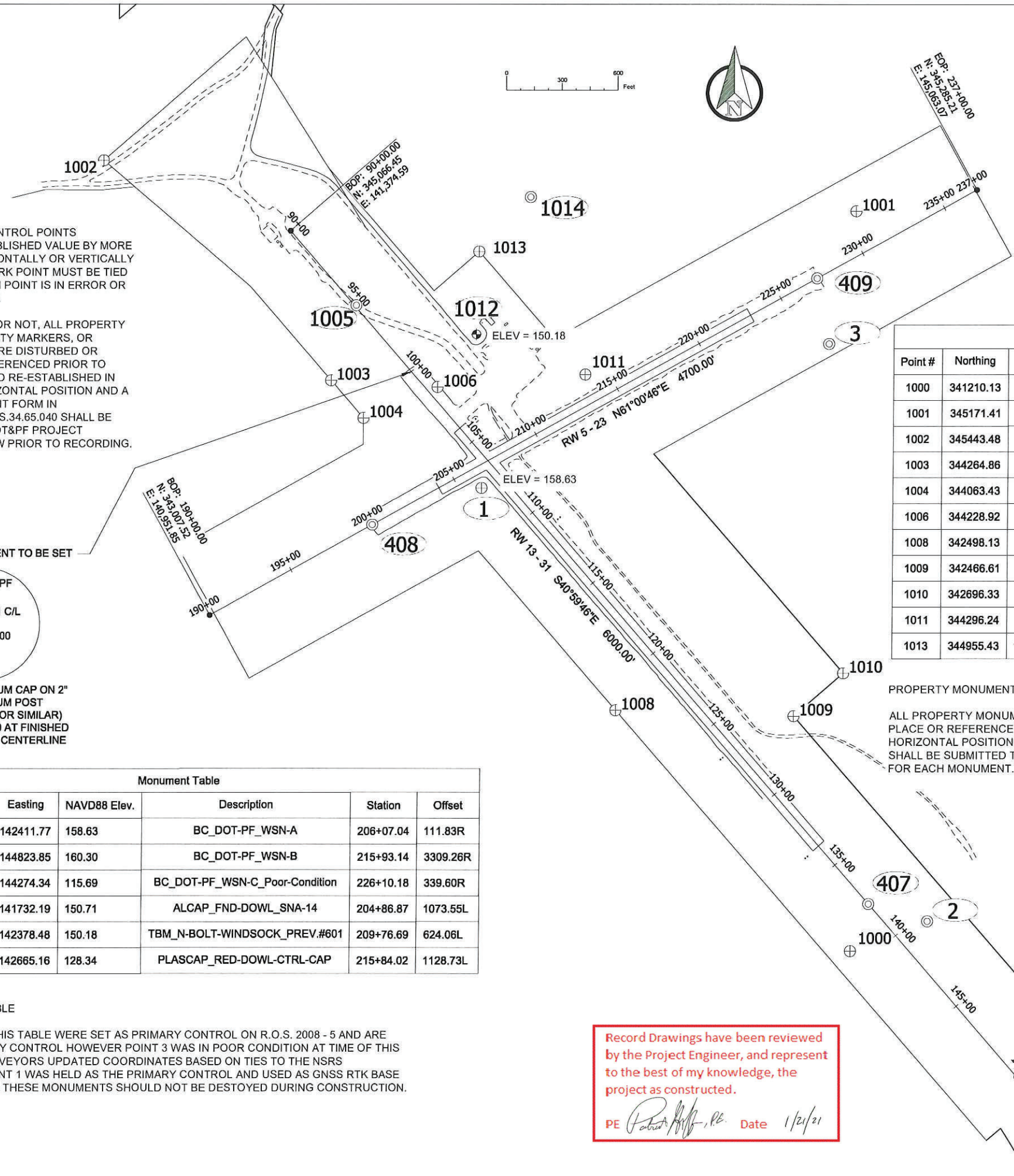
MONUMENTS 1 - 3 IN THIS TABLE WERE SET AS PRIMARY CONTROL ON R.O.S. 2008 - 5 AND ARE PROVIDED FOR SURVEY CONTROL HOWEVER POINT 3 WAS IN POOR CONDITION AT TIME OF THIS SURVEY. DOT&PF SURVEYORS UPDATED COORDINATES BASED ON TIES TO THE NSRS NAD83(2011). MONUMENT 1 WAS HELD AS THE PRIMARY CONTROL AND USED AS GNSS RTK BASE FOR DESIGN MAPPING. THESE MONUMENTS SHOULD NOT BE DESTROYED DURING CONSTRUCTION.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *[Signature]* Date 1/21/21


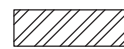


STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
 6860 GLACIER HIGHWAY, JUNEAU, AK 99811
 (907) 465-4491

SOUTH NAKNEK
 RUNWAY RESURFACING
 AIP-3-02-0186-002-2019
 SURVEY CONTROL



LEGEND

-  CONTRACTOR STAGING AREA
-  UNCLASSIFIED EXCAVATION WASTE DISPOSAL AREA

PROJECT TASKS:

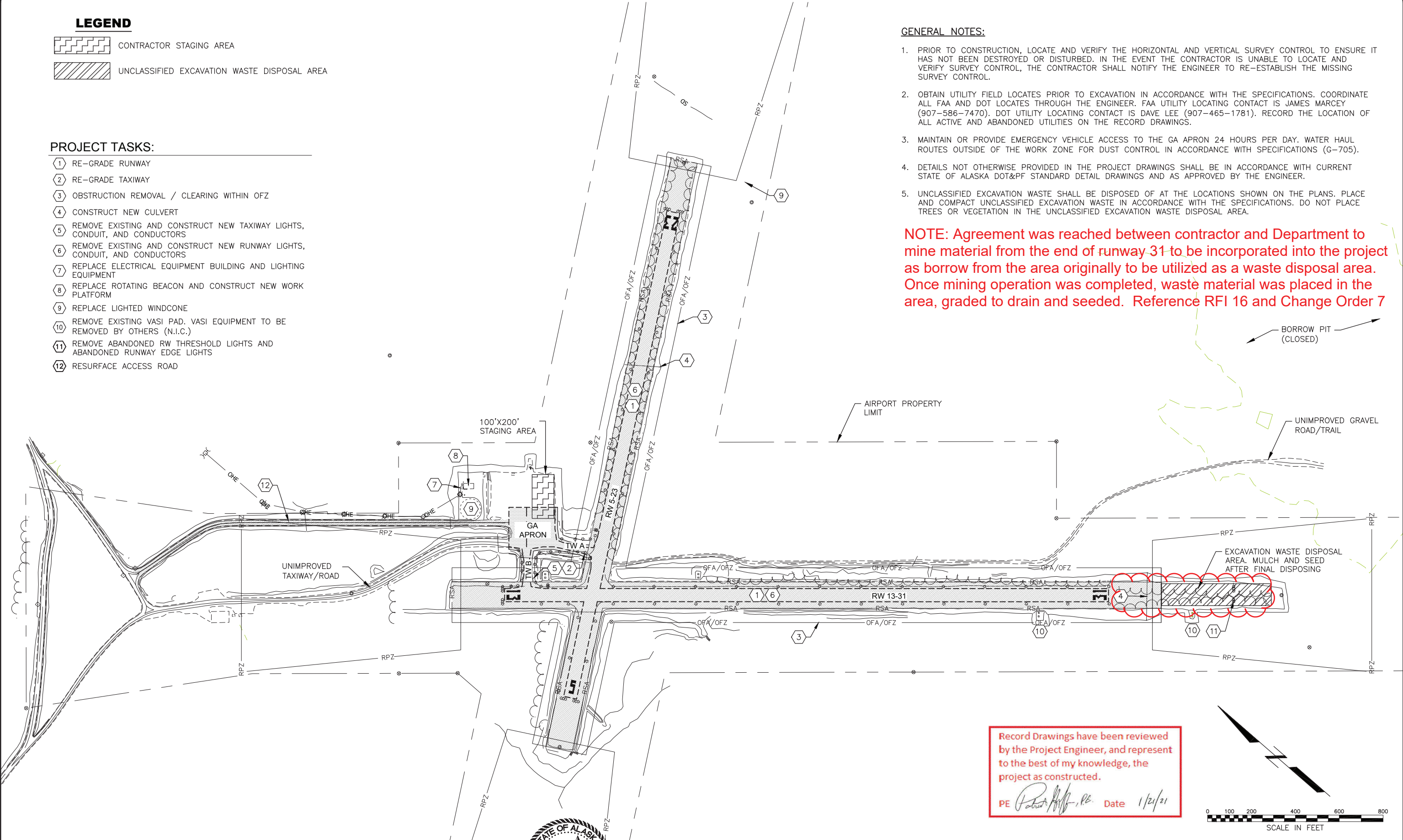
- 1 RE-GRADE RUNWAY
- 2 RE-GRADE TAXIWAY
- 3 OBSTRUCTION REMOVAL / CLEARING WITHIN OFZ
- 4 CONSTRUCT NEW CULVERT
- 5 REMOVE EXISTING AND CONSTRUCT NEW TAXIWAY LIGHTS, CONDUIT, AND CONDUCTORS
- 6 REMOVE EXISTING AND CONSTRUCT NEW RUNWAY LIGHTS, CONDUIT, AND CONDUCTORS
- 7 REPLACE ELECTRICAL EQUIPMENT BUILDING AND LIGHTING EQUIPMENT
- 8 REPLACE ROTATING BEACON AND CONSTRUCT NEW WORK PLATFORM
- 9 REPLACE LIGHTED WINDCONE
- 10 REMOVE EXISTING VASI PAD. VASI EQUIPMENT TO BE REMOVED BY OTHERS (N.I.C.)
- 11 REMOVE ABANDONED RW THRESHOLD LIGHTS AND ABANDONED RUNWAY EDGE LIGHTS
- 12 RESURFACE ACCESS ROAD

GENERAL NOTES:

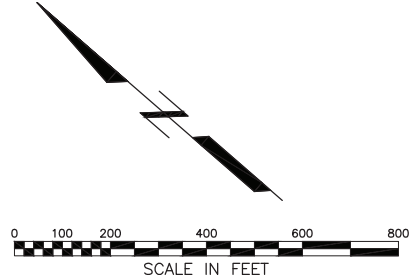
1. PRIOR TO CONSTRUCTION, LOCATE AND VERIFY THE HORIZONTAL AND VERTICAL SURVEY CONTROL TO ENSURE IT HAS NOT BEEN DESTROYED OR DISTURBED. IN THE EVENT THE CONTRACTOR IS UNABLE TO LOCATE AND VERIFY SURVEY CONTROL, THE CONTRACTOR SHALL NOTIFY THE ENGINEER TO RE-ESTABLISH THE MISSING SURVEY CONTROL.
2. OBTAIN UTILITY FIELD LOCATES PRIOR TO EXCAVATION IN ACCORDANCE WITH THE SPECIFICATIONS. COORDINATE ALL FAA AND DOT LOCATES THROUGH THE ENGINEER. FAA UTILITY LOCATING CONTACT IS JAMES MARCEY (907-586-7470). DOT UTILITY LOCATING CONTACT IS DAVE LEE (907-465-1781). RECORD THE LOCATION OF ALL ACTIVE AND ABANDONED UTILITIES ON THE RECORD DRAWINGS.
3. MAINTAIN OR PROVIDE EMERGENCY VEHICLE ACCESS TO THE GA APRON 24 HOURS PER DAY. WATER HAUL ROUTES OUTSIDE OF THE WORK ZONE FOR DUST CONTROL IN ACCORDANCE WITH SPECIFICATIONS (G-705).
4. DETAILS NOT OTHERWISE PROVIDED IN THE PROJECT DRAWINGS SHALL BE IN ACCORDANCE WITH CURRENT STATE OF ALASKA DOT&PF STANDARD DETAIL DRAWINGS AND AS APPROVED BY THE ENGINEER.
5. UNCLASSIFIED EXCAVATION WASTE SHALL BE DISPOSED OF AT THE LOCATIONS SHOWN ON THE PLANS. PLACE AND COMPACT UNCLASSIFIED EXCAVATION WASTE IN ACCORDANCE WITH THE SPECIFICATIONS. DO NOT PLACE TREES OR VEGETATION IN THE UNCLASSIFIED EXCAVATION WASTE DISPOSAL AREA.

NOTE: Agreement was reached between contractor and Department to mine material from the end of runway 31 to be incorporated into the project as borrow from the area originally to be utilized as a waste disposal area. Once mining operation was completed, waste material was placed in the area, graded to drain and seeded. Reference RFI 16 and Change Order 7

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 Designed By: LUC
 Drawn By: TDF
 Checked By: TDF



Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *[Signature]*, P.E. Date 1/21/21



NO.	DATE	REVISION

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES - SOUTHCOAST REGION
 6860 GLACIER HIGHWAY
 JUNEAU, ALASKA 99801
 907-465-1763

SOUTH NAKNEK AIRPORT
 SOUTH NAKNEK, ALASKA
 SOUTH NAKNEK RUNWAY RESURFACING
 PROJECT No. SFAP00099
 A.I.P. No. 3-02-0186-002-2019
 PROJECT LAYOUT PLAN

DATE: April 5, 2019
 SHEET: **A4** OF **40**
 AS-BUILT SHEET:

GENERAL PHASING NOTES:

1. PHASED WORK DEPICTED IN THE PLAN SET AND APPENDIX D : CONSTRUCTION SAFETY AND PHASING PLAN (CSPP), SHOW A CONSTRUCTION SEQUENCE OF WORK UNDER THIS CONTRACT. THE WORK SHOWN ALLOWS CONCURRENT PROGRESS WITH OTHER TASKS IF APPROVED BY THE ENGINEER. THE CSPP PROVIDES ADDITIONAL GUIDANCE ON OPERATIONAL LIMITATIONS. PHASE CONSTRUCTION ACTIVITIES TO COMPLY WITH ALL CONDITIONS OF THE SAFETY PLAN, PROJECT PERMITS STIPULATIONS, SUBSECTION 80-04 LIMITATION OF OPERATIONS, AND SUBSECTION 80-07 FAILURE TO COMPLETE ON TIME.
2. DEVELOP A SAFETY PLAN COMPLIANCE DOCUMENT (SPCD) BASED ON THE REQUIREMENTS OF THE CONTRACT CSPP, SECTION G-210 SAFETY PLAN COMPLIANCE DOCUMENT, SUBSECTION 80-04, SUBSECTION 80-07, AND AC 150/5370-2 OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION. CONSTRUCTION ACTIVITIES CANNOT START UNTIL AN SPCD HAS BEEN APPROVED BY THE ENGINEER.
3. NIGHTTIME CLOSURES ARE NOT DEPICTED IN THE PHASING PLANS HOWEVER THEY ARE NOT PROHIBITED. COORDINATE NIGHTLY CLOSURES WITH THE AIRPORT MANAGER AND FM THROUGH THE ENGINEER.
4. THE CONTRACTOR SHALL BE PREPARED AT ALL TIMES TO REMOVE TEMPORARY CLOSURE MARKINGS AND RUNWAY BARRICADES ON SHORT NOTICE FOR EMERGENCY LANDINGS.
5. PARKING AND MATERIAL STORAGE WILL ONLY BE ALLOWED IN THE APPROVED STAGING AREAS FROM CONTRACT SUBMITTED SPCD. ANY FILL THE CONTRACTOR ELECTS TO USE FOR STAGING AREA, REGARDLESS OF TYPE OR QUANTITY, IS SUBSIDIARY TO THE OTHER ITEMS OR WORK BUT NEED NOT BE REMOVED UPON COMPLETION. IF THE CONTRACTOR CHOOSES TO USE A LOCATION OTHER THAN WHAT IS SHOWN IN THE CSPP; THE CONTRACTOR MUST PROVIDE WRITTEN APPROVAL FROM THE PROPERTY OWNER / LEASE HOLDER.
6. PARTICULAR RESTRICTIONS ARE NOTED IN THE PLAN VIEW OF THE PHASING AND SAFETY FOR EACH PHASE. ALL STATIONS AND OFFSET ARE REFERENCED TO THE ALIGNMENTS AS DEFINED.
7. TEMPORARY LIGHTING AND MARKINGS ARE REQUIRED TO MEET AC 150/5340-30, DESIGN AND INSTALLATION DETAILS FOR AIRPORT VISUAL AIDS, AND AC 150/5370-2, OPERATIONS SAFETY ON AIRPORTS DURING CONSTRUCTION.
8. REPAIR OR REPLACE TEMPORARY LIGHTING, MARKINGS, AND BARRICADES DAMAGE DURING CONSTRUCTION UPON DISCOVERY OR NOTIFICATION.
9. WORK ASSOCIATED WITH THE ELECTRICAL EQUIPMENT BUILDING MAY OCCUR DURING ALL PHASES.
10. MAINTAIN A UNIFORM AND COMPACTED SURFACE ON ALL ACTIVE RUNWAYS AND TAXIWAYS.
11. ALL FAA FACILITIES SHALL REMAIN IN OPERATION THROUGHOUT THE PROJECT EXCEPT AS SPECIFIED IN THE CSPP.

Date Revisid: 6/06/2019, 3:09 PM
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 Designed By: LUG
 Drawn By: TDF
 Checked By: TDF



NO.	DATE	REVISION

**STATE OF ALASKA DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES - SOUTHCOAST REGION**
 6860 GLACIER HIGHWAY
 JUNEAU, ALASKA 99801
 907-465-1763

SOUTH NAKNEK AIRPORT
 SOUTH NAKNEK, ALASKA
 SOUTH NAKNEK RUNWAY RESURFACING
 PROJECT No. SFAPT00099
 A.I.P. No. 3-02-0186-002-2019
 CONSTRUCTION SAFETY &
 PHASING PLAN

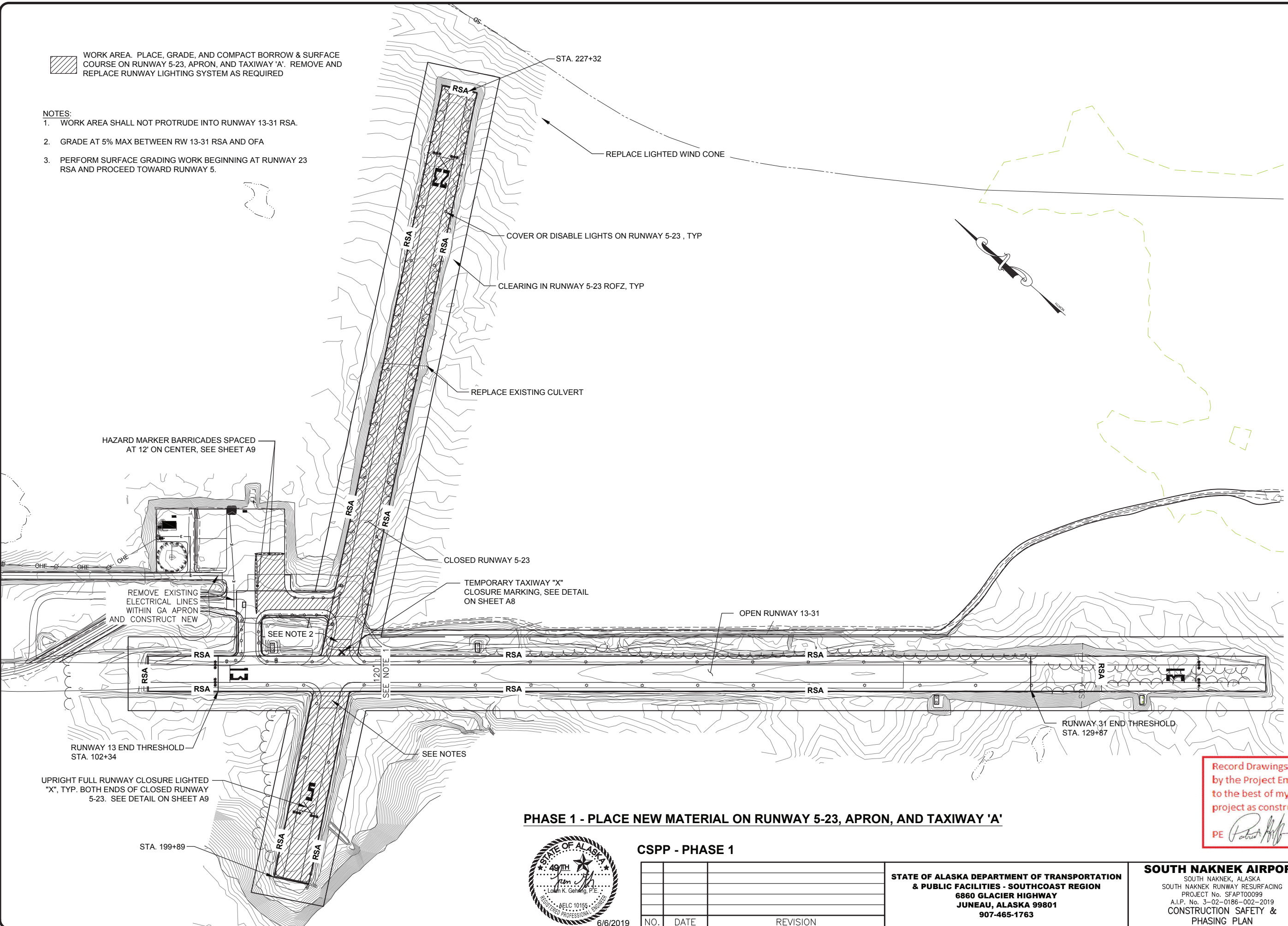
DATE: April 5, 2019
 SHEET: **A5** OF **40**
 AS-BUILT SHEET:

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Robert Hoff*, P.E. Date 1/21/21

WORK AREA. PLACE, GRADE, AND COMPACT BORROW & SURFACE COURSE ON RUNWAY 5-23, APRON, AND TAXIWAY 'A'. REMOVE AND REPLACE RUNWAY LIGHTING SYSTEM AS REQUIRED

- NOTES:
1. WORK AREA SHALL NOT PROTRUDE INTO RUNWAY 13-31 RSA.
 2. GRADE AT 5% MAX BETWEEN RW 13-31 RSA AND OFA
 3. PERFORM SURFACE GRADING WORK BEGINNING AT RUNWAY 23 RSA AND PROCEED TOWARD RUNWAY 5.

Date Revised: 6/06/2019, 3:09 PM
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 Designed By: LYG
 Drawn By: TDF
 Checked By: TDF



PHASE 1 - PLACE NEW MATERIAL ON RUNWAY 5-23, APRON, AND TAXIWAY 'A'



CSPP - PHASE 1

NO.	DATE	REVISION

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES - SOUTHCOAST REGION
 6860 GLACIER HIGHWAY
 JUNEAU, ALASKA 99801
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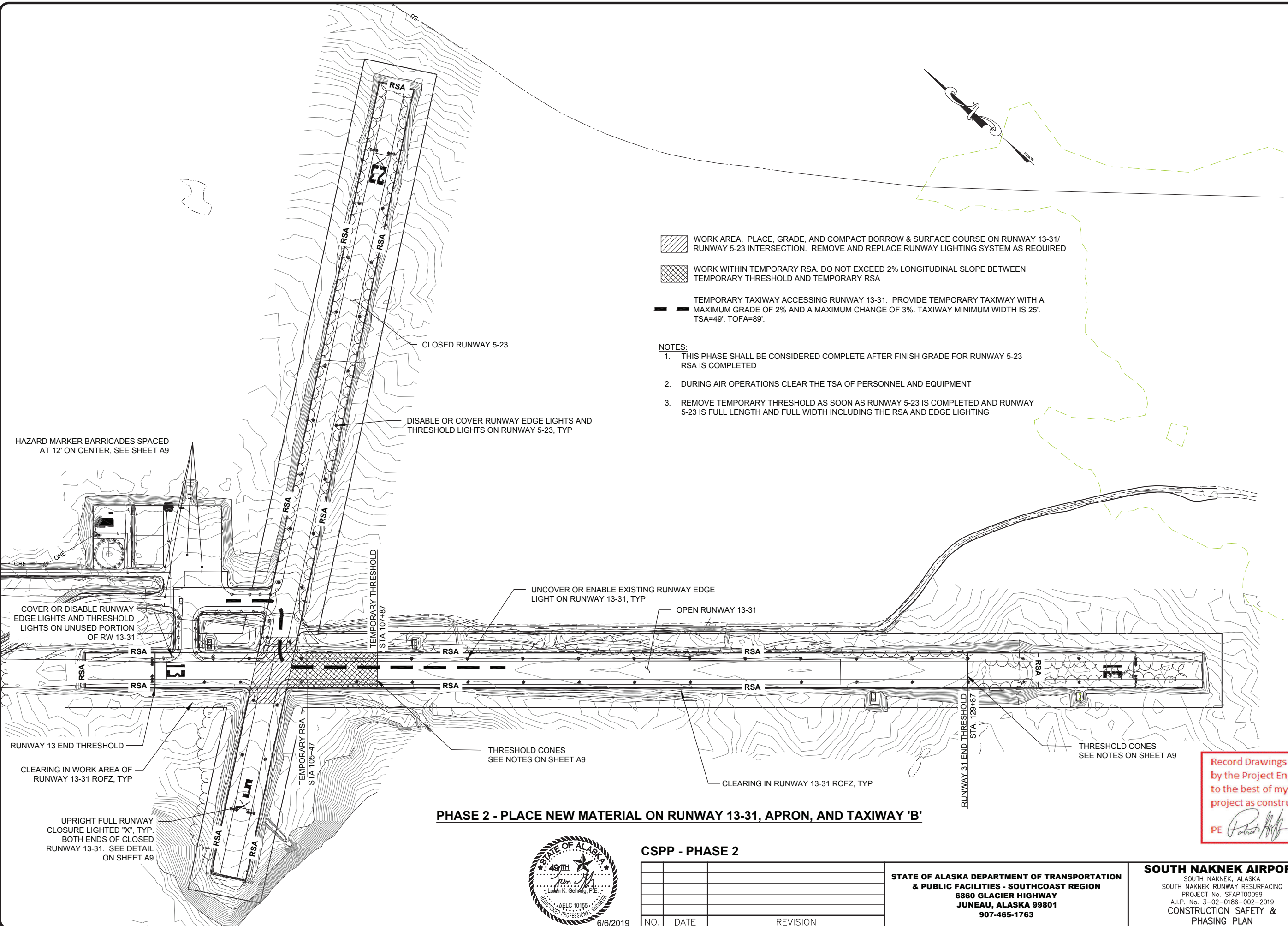
SOUTH NAKNEK AIRPORT
 SOUTH NAKNEK, ALASKA
 SOUTH NAKNEK RUNWAY RESURFACING
 PROJECT No. SFAP00099
 A.I.P. No. 3-02-0186-002-2019
 CONSTRUCTION SAFETY & PHASING PLAN

DATE: April 5, 2019
 SHEET: **A6** OF **40**
 AS-BUILT SHEET:

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Patrick Ruff*, P.E. Date 1/21/21

6/6/2019

Date Revised: 6/06/2019, 3:09 PM
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 Designed By: LUC
 Drawn By: TDF
 Checked By: TDF



- WORK AREA. PLACE, GRADE, AND COMPACT BORROW & SURFACE COURSE ON RUNWAY 13-31/ RUNWAY 5-23 INTERSECTION. REMOVE AND REPLACE RUNWAY LIGHTING SYSTEM AS REQUIRED
- WORK WITHIN TEMPORARY RSA. DO NOT EXCEED 2% LONGITUDINAL SLOPE BETWEEN TEMPORARY THRESHOLD AND TEMPORARY RSA
- TEMPORARY TAXIWAY ACCESSING RUNWAY 13-31. PROVIDE TEMPORARY TAXIWAY WITH A MAXIMUM GRADE OF 2% AND A MAXIMUM CHANGE OF 3%. TAXIWAY MINIMUM WIDTH IS 25'. TSA=49'. TOFA=89'.

- NOTES:**
1. THIS PHASE SHALL BE CONSIDERED COMPLETE AFTER FINISH GRADE FOR RUNWAY 5-23 RSA IS COMPLETED
 2. DURING AIR OPERATIONS CLEAR THE TSA OF PERSONNEL AND EQUIPMENT
 3. REMOVE TEMPORARY THRESHOLD AS SOON AS RUNWAY 5-23 IS COMPLETED AND RUNWAY 5-23 IS FULL LENGTH AND FULL WIDTH INCLUDING THE RSA AND EDGE LIGHTING

PHASE 2 - PLACE NEW MATERIAL ON RUNWAY 13-31, APRON, AND TAXIWAY 'B'

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Patrick Griffin, P.E.* Date 1/21/21



CSPP - PHASE 2

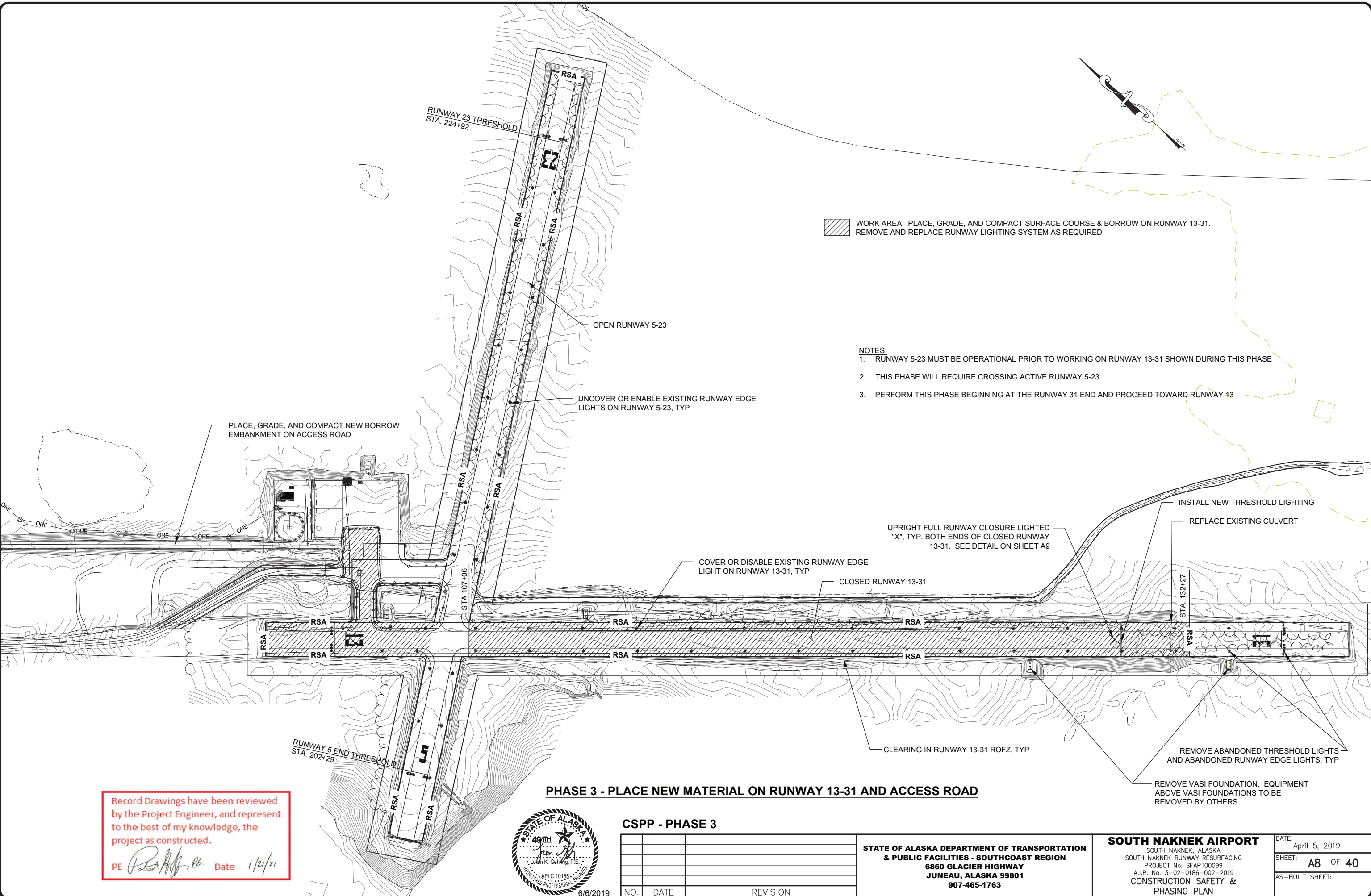
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STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES - SOUTHCOAST REGION
 6860 GLACIER HIGHWAY
 JUNEAU, ALASKA 99801
 907-465-1763

SOUTH NAKNEK AIRPORT
 SOUTH NAKNEK, ALASKA
 SOUTH NAKNEK RUNWAY RESURFACING
 PROJECT No. SFAPT00099
 A.I.P. No. 3-02-0186-002-2019
 CONSTRUCTION SAFETY & PHASING PLAN

DATE: April 5, 2019
 SHEET: **A7** OF **40**
 AS-BUILT SHEET:

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 Designed By: LYG
 Drawn By: TDF
 Checked By: TDF



WORK AREA. PLACE, GRADE, AND COMPACT SURFACE COURSE & BORROW ON RUNWAY 13-31.
 REMOVE AND REPLACE RUNWAY LIGHTING SYSTEM AS REQUIRED

- NOTES:**
1. RUNWAY 5-23 MUST BE OPERATIONAL PRIOR TO WORKING ON RUNWAY 13-31 SHOWN DURING THIS PHASE
 2. THIS PHASE WILL REQUIRE CROSSING ACTIVE RUNWAY 5-23
 3. PERFORM THIS PHASE BEGINNING AT THE RUNWAY 31 END AND PROCEED TOWARD RUNWAY 13

PHASE 3 - PLACE NEW MATERIAL ON RUNWAY 13-31 AND ACCESS ROAD

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *[Signature]*, P.E. Date 1/21/21



CSPP - PHASE 3

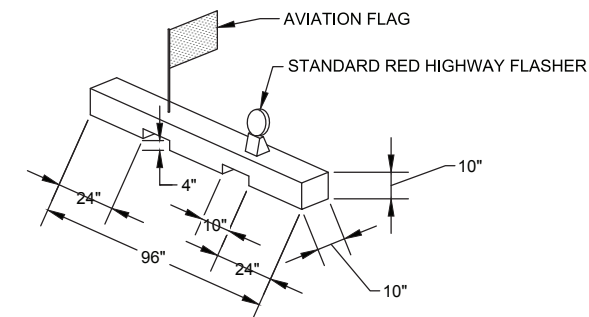
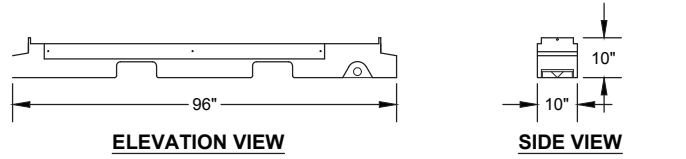
NO.	DATE	REVISION

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES - SOUTHCOAST REGION
 6860 GLACIER HIGHWAY
 JUNEAU, ALASKA 99801
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SOUTH NAKNEK AIRPORT
 SOUTH NAKNEK, ALASKA
 SOUTH NAKNEK RUNWAY RESURFACING
 PROJECT No. SFAPT00099
 A.I.P. No. 3-02-0186-002-2019
 CONSTRUCTION SAFETY & PHASING PLAN

DATE: April 5, 2019
 SHEET: **A8** OF 40
 AS-BUILT SHEET:

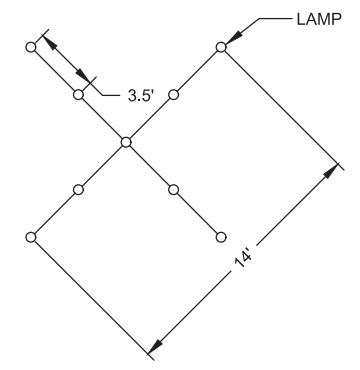
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 Designed By: LUG
 Drawn By: TDF
 Checked By: TDF



PREPARATION OF FLAG & FLASHER MOUNT DETAIL

HAZARDOUS AREA BARRIERS

1. PLACE BARRIERS TO LIMIT ACCESS TO THE CLOSED TAXIWAY AND APRON AREAS. USE LOW STYLE BARRIERS (LESS THAN 12 INCHES HIGH) WHEN ADJACENT TO AN ACTIVE MOVEMENT AREA.
2. FLAGS SHALL ALTERNATE COLOR (ORANGE/WHITE) ON EACH BARRIER AS THEY ARE PLACED IN THE AIRPORT OPERATIONS AREA, IN SEQUENCE.



TEMPORARY FULL RUNWAY CLOSURE LIGHTED VISUAL AID

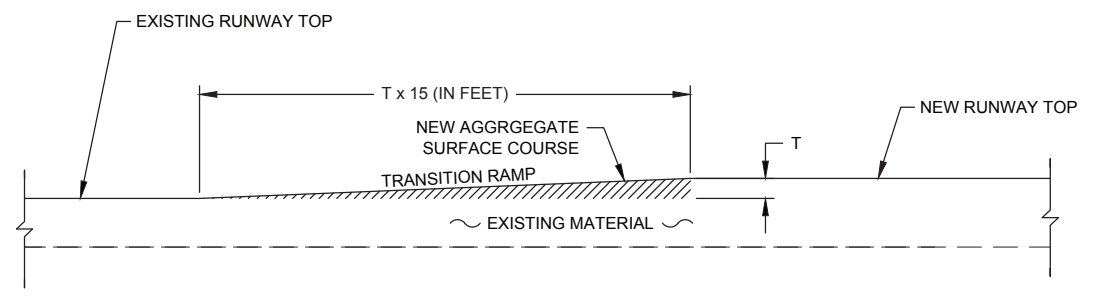
REFER TO AC 150/5345-55 FOR DETAILS AND SPECIFICATIONS FOR LIGHTED "X".
 CROSSES SHALL HAVE A MEANS FOR ADJUSTING AND LEVELING TO ALLOW TILTING TO AN OPTIMUM ANGLE OF 5 DEGREES FROM VERTICAL.
 PLACE CROSSES AT EACH CLOSED END OF RUNWAYS ON THE RUNWAY CENTERLINE AT THE RUNWAY DESIGNATION NUMBERS.
 LIGHTED "X" MARKINGS ARE FOR FULL CLOSURES ONLY AND MUST BE COMPLETELY REMOVED FROM THE RUNWAY AND SAFETY AREAS PRIOR TO ANY NIGHTTIME EMERGENCY ARRIVAL OR DEPARTURE.

SAFETY PLAN NOTES:

1. COVER OR DISABLE VASIs AT CLOSED END OF RUNWAY.
2. USE FAA APPROVED 36" TALL RUNWAY THRESHOLD CONES WITH REFLECTIVE MARKERS. ORIENT MARKERS SO THAT RED IS VISIBLE ON TAKEOFF AND THAT GREEN IS VISIBLE TO PILOTS APPROACHING TO LAND.
3. SEE DETAIL 5 ON SHEET E8 FOR LOCATION AND SPACING OF TEMPORARY THRESHOLD CONES.



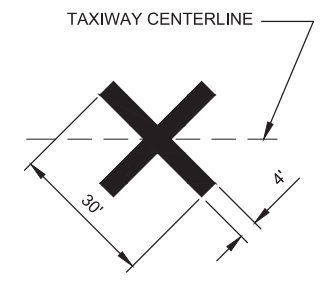
6/6/2019



RUNWAY TRANSITION RAMP INSTALLATION DETAIL

T = GRADE BREAK THICKNESS (IN.)

N.T.S.



CLOSED TAXIWAY

TEMPORARY "X" CLOSURE MARKING

CROSSES SHALL BE YELLOW, CONSTRUCTED OF PLASTIC OR WOOD AND WEIGHTED DOWN AT THE RUNWAY OR TAXIWAY SO AS TO NOT BE MOVED BY WIND, PROP WASH OR JET BLAST. WEIGHTS SHALL BE THE SAME COLOR AS THE MARKING.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Patrick Hoff*, P.E. Date 1/21/21

CSPP - DETAILS

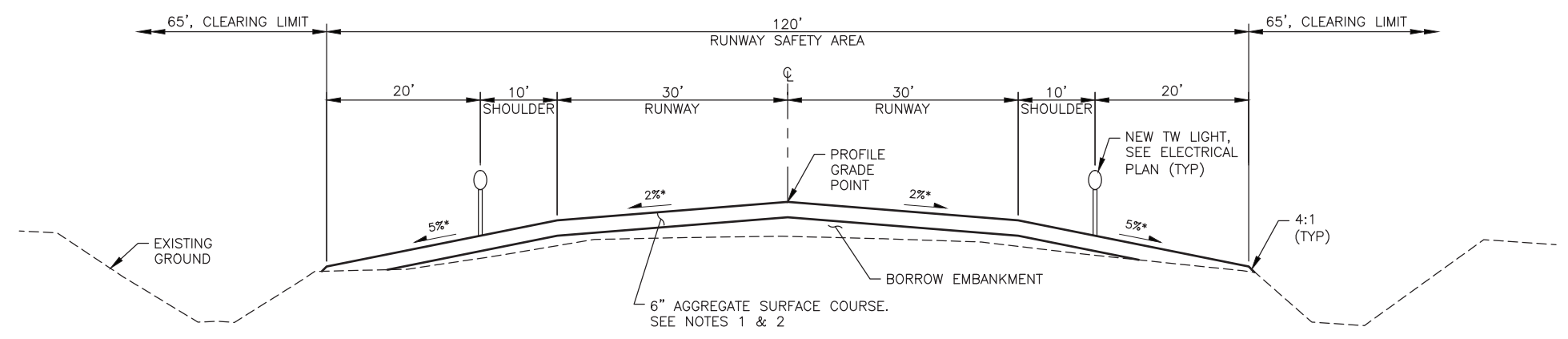
NO.	DATE	REVISION

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES - SOUTHCOAST REGION
 6860 GLACIER HIGHWAY
 JUNEAU, ALASKA 99801
 907-465-1763

SOUTH NAKNEK AIRPORT
 SOUTH NAKNEK, ALASKA
 SOUTH NAKNEK RUNWAY RESURFACING
 PROJECT No. SFAPT00099
 A.I.P. No. 3-02-0186-002-2019
 CONSTRUCTION SAFETY & PHASING PLAN DETAILS

DATE: April 5, 2019
 SHEET: **A9** OF **40**
 AS-BUILT SHEET:

Date Revisd: 6/06/2019, 3:10 PM
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 Designed By: LUG
 Drawn By: TDF
 Checked By: TDF



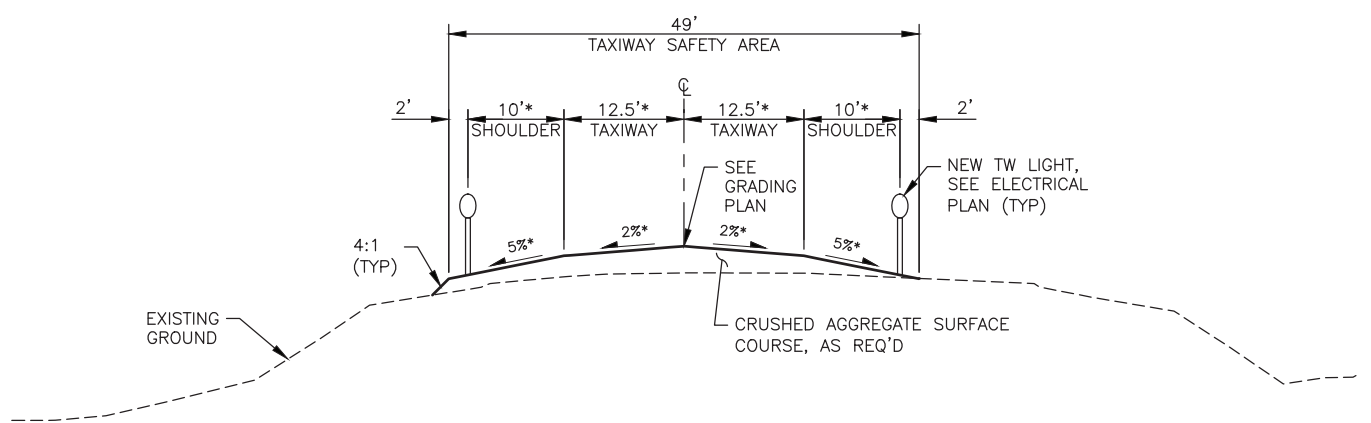
- NOTES**
- THE USE OF RAM OR BLENDED RAP AGGREGATE MATERIALS ARE ALLOWED ONLY WITHIN THE FOLLOWING AREAS:
 - RUNWAY 5-23, STA 200+00 TO STA 216+00
 - RUNWAY 13-31, STA 101+00 TO STA 130+00
 - TAXIWAY A
 - TAXIWAY B
 - GA APRON
 - AGGREGATE SURFACE COURSE SHALL HAVE A MINIMUM OF 6" ON SAFETY AREA EXTENSIONS BEYOND ENDS OF RUNWAY
 - STABILIZE ALL DISTURBED SLOPES WITH MULCH & SEED UNLESS OTHERWISE DIRECTED.

1 RUNWAY TYPICAL SECTION

B1 SCALE: NOT TO SCALE

RW 13-31
 STA 99+94 - STA 102+57.74
 *STA 102+57.74 - STA 110+05.95 (SLOPES VARY, SEE GRADING PLAN)
 STA 110+05.95 - STA 132+27

RW 5-23
 STA 199+89 - STA 203+32.99
 *STA 203+32.99 - STA 210+81.20 (SLOPES VARY, SEE GRADING PLAN)
 STA 210+81.20 - STA 227+32

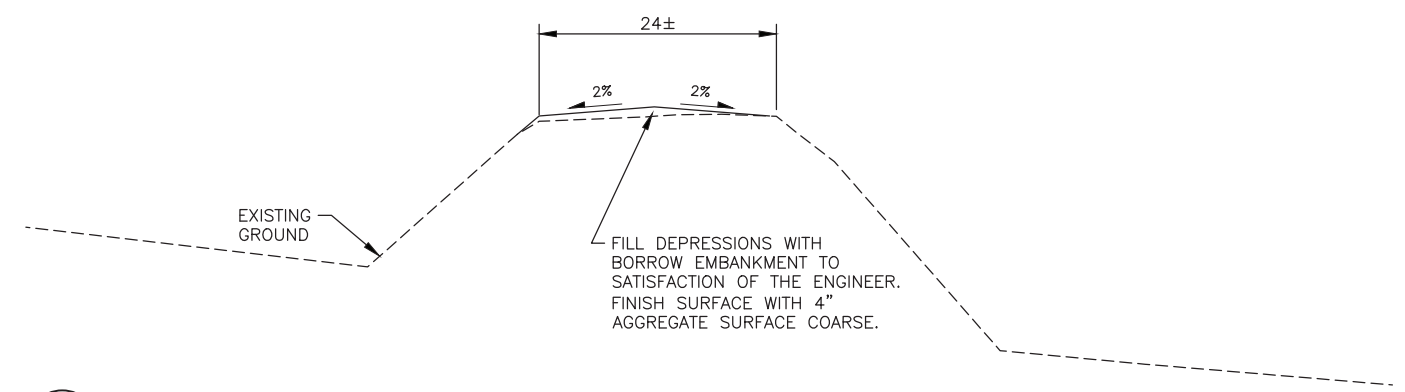


2 TAXIWAY TYPICAL SECTION

B1 SCALE: NOT TO SCALE

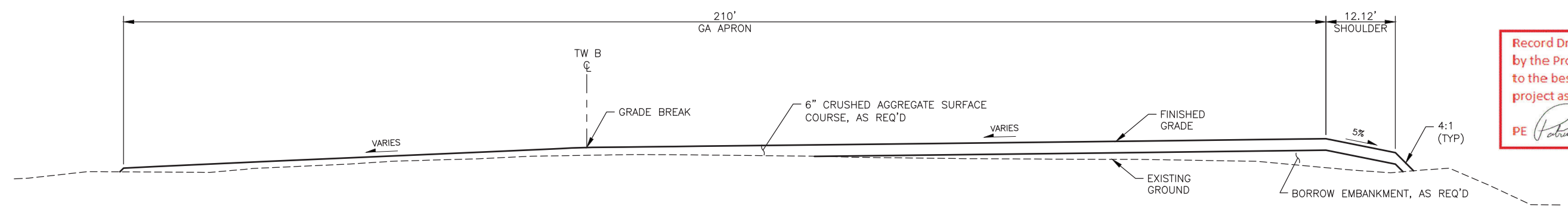
TW A
 *STA 10+30 - STA 12+09.92
 (SLOPES AND DIMENSIONS VARY, SEE GRADING PLAN)

TW B
 *STA 20+30 - STA 22+11.50
 (SLOPES AND DIMENSIONS VARY, SEE GRADING PLAN)



4 ACCESS ROAD TYPICAL SECTION

B1 SCALE: NOT TO SCALE



3 GA APRON SITE SECTION

B1 SCALE: NOT TO SCALE
 SLOPES VARY, SEE GRADING PLAN

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *[Signature]*, P.E. Date 1/21/21



NO.	DATE	REVISION

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES - SOUTHCOAST REGION
 6860 GLACIER HIGHWAY
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SOUTH NAKNEK AIRPORT
 SOUTH NAKNEK, ALASKA
 SOUTH NAKNEK RUNWAY RESURFACING
 PROJECT No. SFAPT00099
 A.I.P. No. 3-02-0186-002-2019
 TYPICAL SECTIONS

DATE: April 5, 2019
 SHEET: B1 OF 40
 AS-BUILT SHEET:

ESTIMATE OF QUANTITIES

ITEM NUMBER	PAY ITEM	PAY UNIT	QUANTITY
D701.010.0024	CS PIPE, 24-INCH	LINEAR FOOT	383.0 392.0
G100.010.0000	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED
G115.010.0000	WORKER MEALS AND LODGING, OR PER DIEM	LUMP SUM	ALL REQUIRED
G130.010.0000	FIELD OFFICE	LUMP SUM	ALL REQUIRED
G130.020.0000	FIELD LABORATORY	LUMP SUM	ALL REQUIRED
G130.060.0000	NUCLEAR TESTING EQUIPMENT STORAGE SHED	EACH	1.0
G130.140.0000	RADIOS	EACH	4.0
G131.010.0000	ENGINEERING TRANSPORTATION (TRUCK)	EACH	2.0
G131.020.0000	ENGINEERING TRANSPORTATION (ATV)	EACH	1.0
G135.010.0000	CONSTRUCTION SURVEYING BY THE CONTRACTOR	LUMP SUM	ALL REQUIRED
G135.020.0000	EXTRA THREE PERSON SURVEY PARTY	hour	80.0 NA
G135.030.0000	MONUMENTS BY THE CONTRACTOR	LUMP SUM	ALL REQUIRED
G200.010.0000	CONTRACTOR QUALITY CONTROL PROGRAM	LUMP SUM	ALL REQUIRED
G210.010.0000	CONTRACTOR SAFETY PLAN COMPLIANCE DOCUMENT	LUMP SUM	ALL REQUIRED
G300.010.0000	CPM SCHEDULING	LUMP SUM	ALL REQUIRED
G700.010.0000	AIRPORT FLAGGER	CONTINGENT SUM	ALL REQUIRED
G700.030.0000	AIRPORT TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED
G700.050.0000	MEDEVAC RUNWAY OPENING	LUMP SUM	ALL REQUIRED
G705.010.0000	WATERING FOR DUST CONTROL	MEGA GALLON	500.0 410.4
G710.010.0000	HIGHWAY TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED
G710.020.0000	HIGHWAY FLAGGER	CONTINGENT SUM	ALL REQUIRED
G710.030.0000	HIGHWAY TRAFFIC PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
G710.040.0000	HIGHWAY TRAFFIC CONTROL	CONTINGENT SUM	ALL REQUIRED
L100.020.0000	REGULATOR, L-828	EACH	1.0
L100.030.0000	MEDIUM INTENSITY RUNWAY EDGE AND THRESHOLD LIGHT, L-861 AND L-861E	EACH	77.0
L100.040.0000	TAXIWAY EDGE LIGHT, L-861T	EACH	34.0
L100.070.0000	REMOVE RUNWAY AND TAXIWAY LIGHT	EACH	110.0
L100.150.0000	HANDHOLE, L-867, SIZE B	EACH	7.0
L100.170.0000	SPARE PARTS	CONTINGENT SUM	ALL REQUIRED
L101.020.0000	ROTATING BEACON, MEDIUM INTENSITY, L-801A	EACH	1.0
L103.010.0030	30-FEET HINGED POLE BEACON TOWER	EACH	1.0
L107.010.0008	8-FEET LIGHTED WIND CONE, IN PLACE	EACH	1.0
L107.030.0008	8-FEET UNLIGHTED WIND CONE, IN PLACE	EACH	2.0
L108.010.2008	UNDERGROUND CABLE #8 AWG, COPPER, SKV FAA TYPE C, L-824	LINEAR FOOT	15100.0 16,763.8
L108.030.0006	#6 BARE COPPER GROUND CONDUCTOR	LINEAR FOOT	13200.0 12,596.7
L108.050.1008	UNDERGROUND CABLE #8 AWG, COPPER, 600V, TYPE C, L-824	LINEAR FOOT	300.0 315
L108.070.0000	GROUND ROD	EACH	20.0
L108.180.0000	TEMPORARY JUMPER	LINEAR FOOT	445.0 372
L109.030.0000	ELECTRICAL ENCLOSURE AND FOUNDATION IN PLACE	EACH	1.0
L109.040.0000	INSTALLATION OF ELECTRICAL EQUIPMENT IN NEW OR EXISTING STRUCTURE	EACH	1.0
L110.030.1002	RIGID STEEL CONDUIT, 2-INCH	LINEAR FOOT	930.0 876.4
L110.080.1002	HDPE CONDUIT, 2-INCH	LINEAR FOOT	12120.0 11,637.5
P151.010.0000	CLEARING	ACRE	19.9 22.644
P152.010.0000	UNCLASSIFIED EXCAVATION	CUBIC YARD	10500.0 2,107.93
P152.190.0000	BORROW	CUBIC YARD	28500.0 32,905.78
P156.010.0000	TEMPORARY AIR AND WATER POLLUTION, SOIL EROSION, AND SILTATION CONTROL ADMINISTRATION	LUMP SUM	ALL REQUIRED
P156.030.0000	TEMPORARY AIR AND WATER POLLUTION, SOIL EROSION, AND SILTATION CONTROL	LUMP SUM	ALL REQUIRED
P156.050.0000	TEMPORARY AIR AND WATER POLLUTION, SOIL EROSION, AND SILTATION CONTROL BY DIRECTIVE	CONTINGENT SUM	ALL REQUIRED
P156.060.0000	WITHHOLDING	CONTINGENT SUM	ALL REQUIRED
P190.020.0000	INSULATION BOARD	THOUSAND BOARD FEET	9.5 9.19
P207.010.0000	CRUSHED AGGREGATE SURFACE COURSE	CUBIC YARD	15100.0 13,530.14
P860.030.0000	REFLECTIVE MARKER, TYPE II	EACH	48.0
P860.070.0000	CONE, 18 INCH	EACH	111.0
P881.010.0000	GEOTEXTILE, SEPARATION	SQUARE YARD	4800.0 638.7
T901.010.0000	SEEDING	ACRE	2.0 6.0
T901.030.0000	WATER FOR MAINTENANCE	MEGA GALLON	70.0 33.0

BASIS OF ESTIMATE		
ITEM NUMBER	PAY ITEM	ESTIMATING FACTOR
G-135C	MONUMENTS BY THE CONTRACTOR	1 EACH

NEW WORK ITEMS			
ITEM NUMBER	PAY ITEM	PAY UNIT	PLAN QUANTITY
P152.900.0000	ACCESS ROADS FOR UNLIGHTED WIND CONES	LUMP SUM	ALL REQUIRED
G130.900.0000	CREDIT FOR MOBILE HOT SPOTS	LUMP SUM	ALL REQUIRED
P152.901.0000	OWNER FURNISHED BORROW	CUBIC YARD	5008.0
T901.900.0000	ADDITIONAL SEEDING AND MULCHING	CONTINGENT SUM	ALL REQUIRED
P299.901.0000	CRUSHED AGGREGATE SURFACE COURSE, DEGRADATION	LUMP SUM	ALL REQUIRED
P299.902.0000	CRUSHED AGGREGATE SURFACE COURSE, FRACTURE	LUMP SUM	ALL REQUIRED
P152.902.0000	QUALITY CONTROL NONCOMPLIANCE	LUMP SUM	ALL REQUIRED
G135.900.0000	EQUITABLE ADJUSTMENT	LUMP SUM	ALL REQUIRED

Date Revised: 6/06/2019, 3:10 PM
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 Designed By: LMG
 Drawn By: TDF
 Checked By: TDF

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed. 4/8/22
 PE *[Signature]*, P.E. Date 1/21/21



6/6/2019

NO.	DATE	REVISION

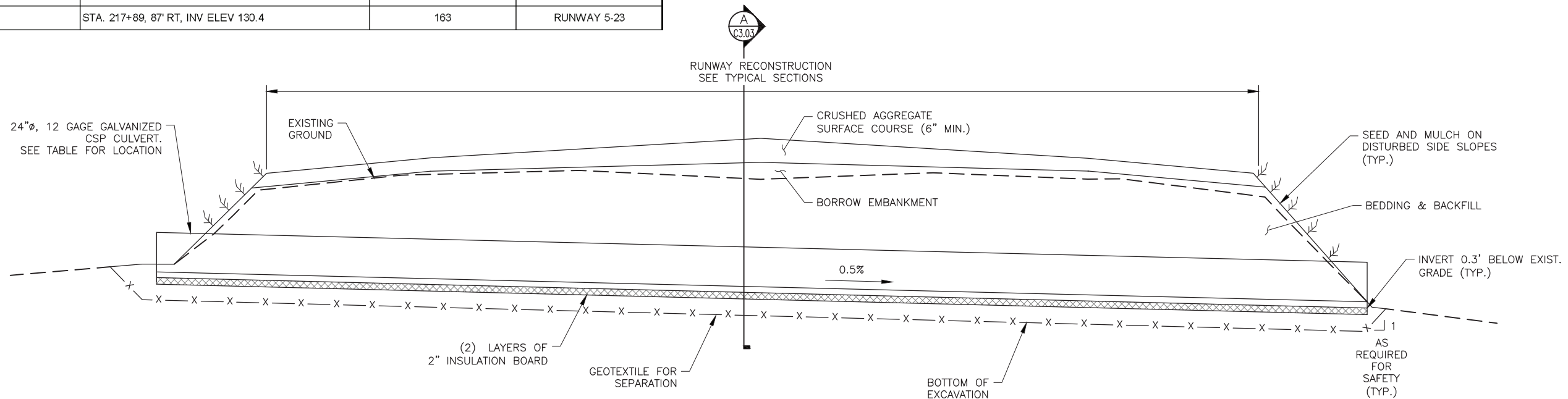
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES - SOUTHCOAST REGION
 6860 GLACIER HIGHWAY
 JUNEAU, ALASKA 99801
 907-465-1763

SOUTH NAKNEK AIRPORT
 SOUTH NAKNEK, ALASKA
 SOUTH NAKNEK RUNWAY RESURFACING
 PROJECT No. SFAPT00099
 A.I.P. No. 3-02-0186-002-2019
 ESTIMATE OF QUANTITIES

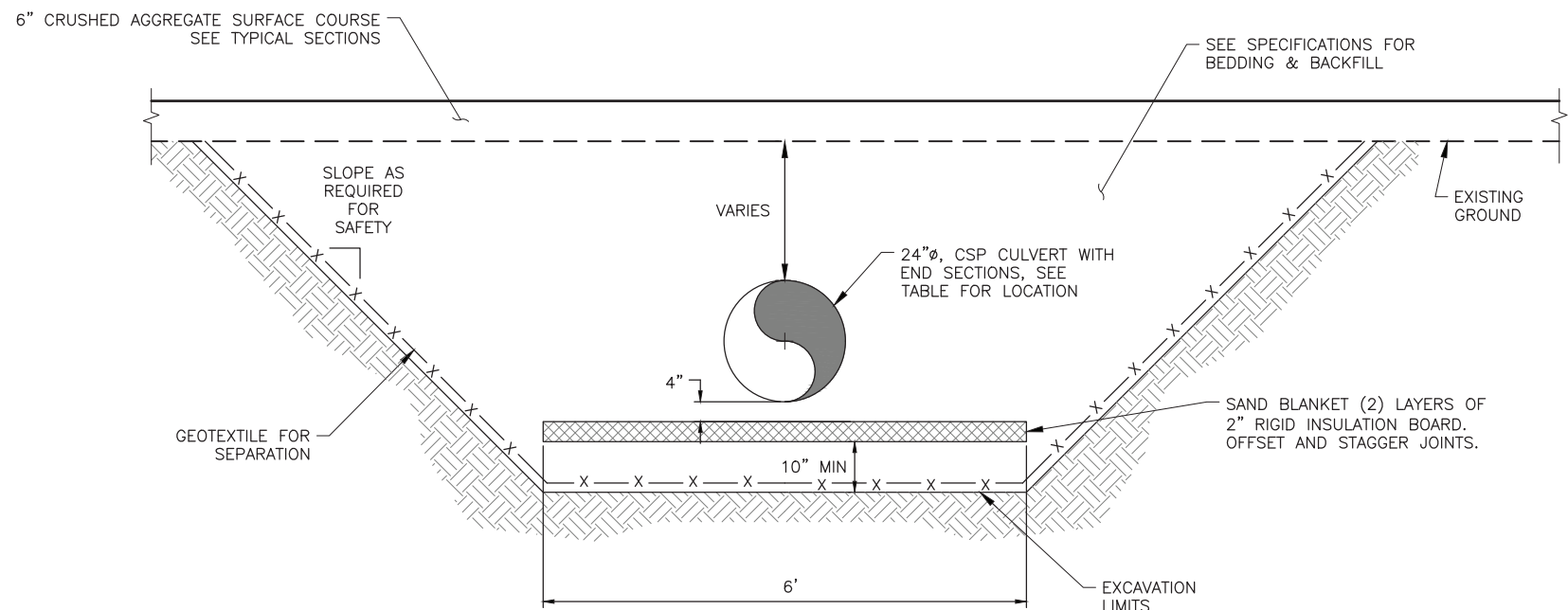
DATE: April 5, 2019
 SHEET: C1 OF 40
 AS-BUILT SHEET:

CULVERT TABLE

STATION OFFSET AT TOE OF SLOPE		LENGTH (FT)	REMARKS
LEFT	RIGHT		
STA. 131+60, 115' RT, INV ELEV 143.9	STA. 131+64, 102' LT, INV ELEV 145.2	218	RUNWAY 13-31
STA. 217+66, 73' LT, INV ELEV 131.2	STA. 217+89, 87' RT, INV ELEV 130.4	163	RUNWAY 5-23



1 CULVERT TYPICAL DETAIL
 C3.03 SCALE: NOT TO SCALE



A TYPICAL CULVERT SECTION
 C3.03 SCALE: NOT TO SCALE

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

PE *Patrick Hoff*, P.E. Date 1/21/21

Date Revised: 6/06/2019, 3:11 PM
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 Designed By: LUG
 Drawn By: TDF
 Checked By: TDF



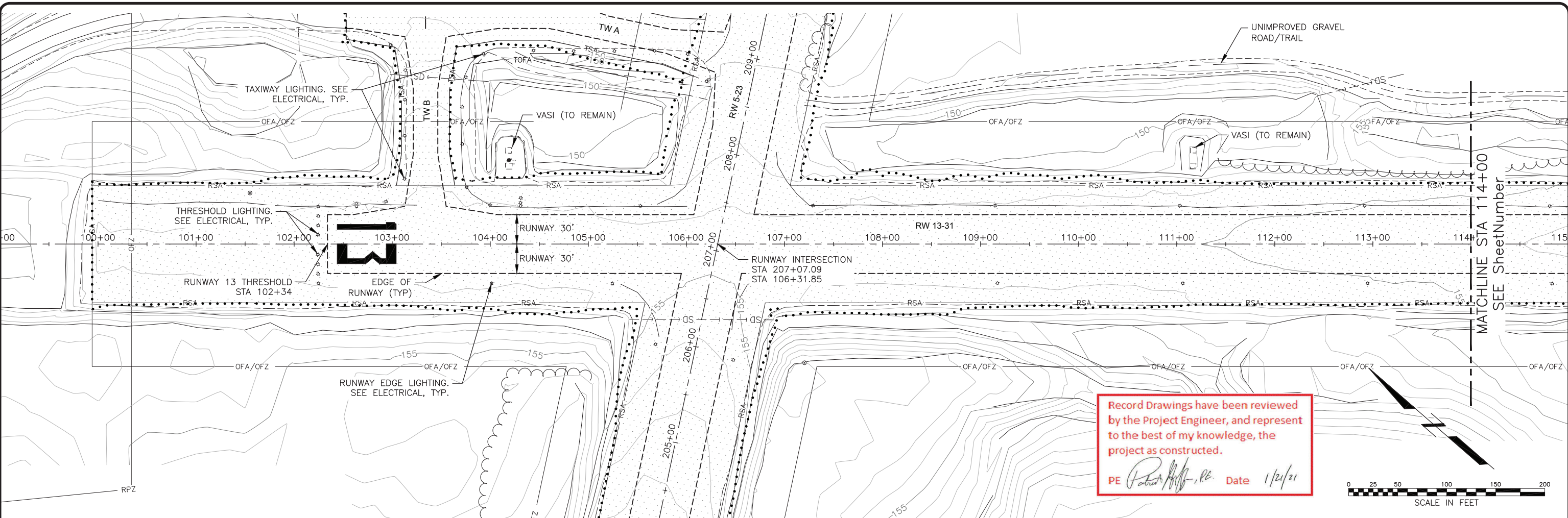
NO.	DATE	REVISION

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES - SOUTHCOAST REGION
 6860 GLACIER HIGHWAY
 JUNEAU, ALASKA 99801
 907-465-1763

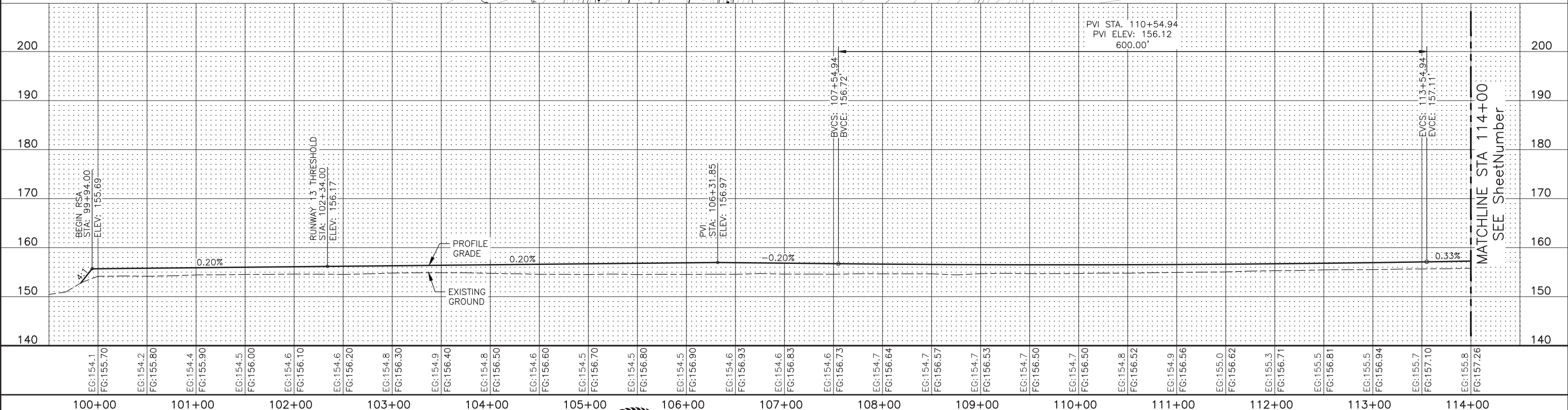
SOUTH NAKNEK AIRPORT
 SOUTH NAKNEK, ALASKA
 SOUTH NAKNEK RUNWAY RESURFACING
 PROJECT No. SFAPT00099
 A.I.P. No. 3-02-0186-002-2019
 MISCELLANEOUS DETAILS

DATE: April 5, 2019
 SHEET: **E1** OF **40**
 AS-BUILT SHEET:

Date Revised: 6/06/2019, 3:13 PM
 Layout Name: F1
 File Path and Name: G:\WSN\SFAP100099\Planes\F1-FS PLAN AND PROFILE.dwg
 Designed By: LUG
 Drawn By: TDF
 Checked By: TDF



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 PE *Patrick Hoff*, P.E. Date 1/21/21



NO.	DATE	REVISION



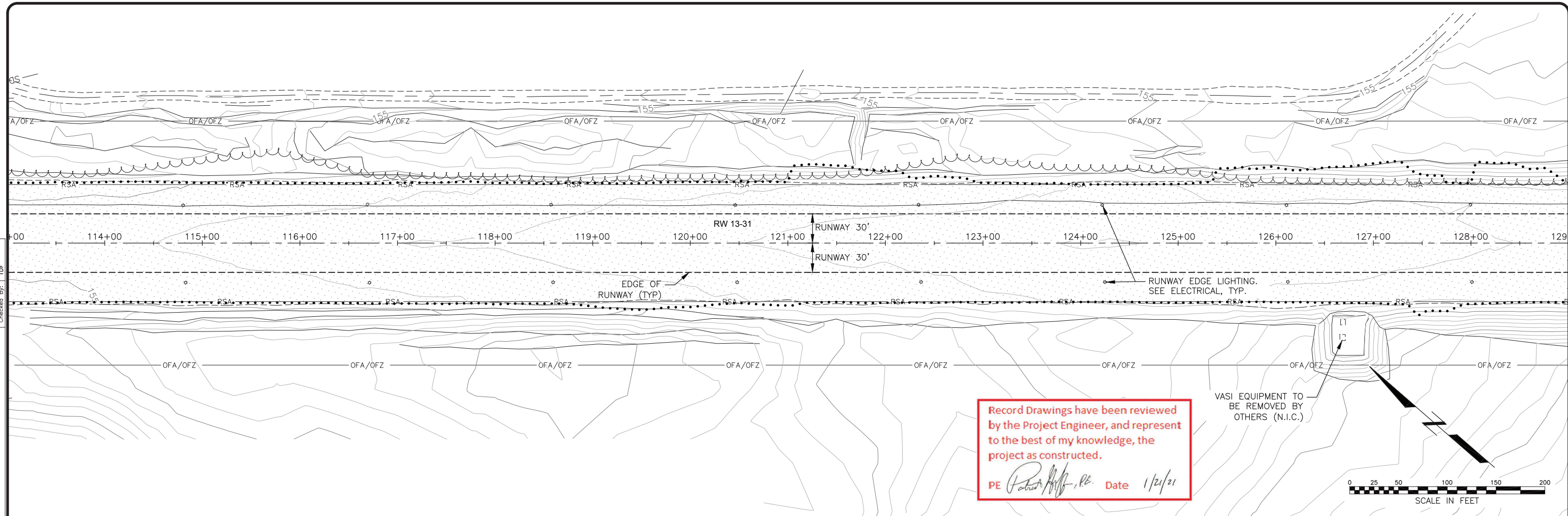
6/6/2019

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SOUTH NAKNEK AIRPORT
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 PROJECT No. SFAP100099
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 PLAN & PROFILE

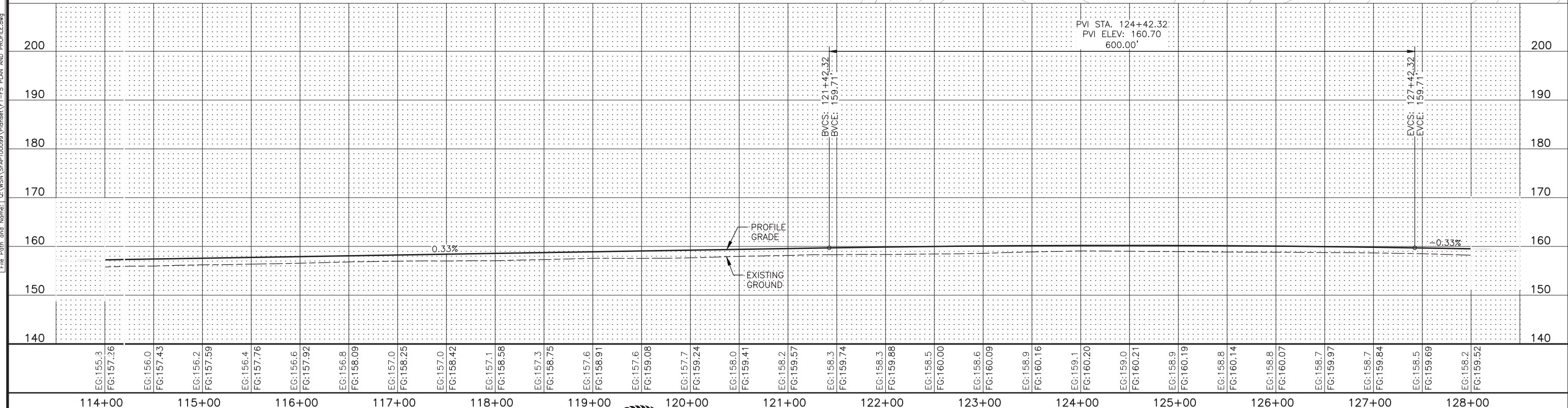
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 SHEET: F1 OF 40
 AS-BUILT SHEET:

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 Designed By: LYG
 Drawn By: TDF
 Checked By: TDF



Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Robert Hoff, P.E.* Date 1/21/21

VASI EQUIPMENT TO BE REMOVED BY OTHERS (N.I.C.)



	EG:155.3 FG:157.26	EG:156.0 FG:157.43	EG:156.2 FG:157.59	EG:156.4 FG:157.76	EG:156.6 FG:157.92	EG:156.8 FG:158.09	EG:157.0 FG:158.25	EG:157.0 FG:158.42	EG:157.1 FG:158.58	EG:157.3 FG:158.75	EG:157.6 FG:158.91	EG:157.6 FG:159.08	EG:157.7 FG:159.24	EG:158.0 FG:159.41	EG:158.2 FG:159.57	EG:158.3 FG:159.74	EG:158.3 FG:159.88	EG:158.5 FG:160.00	EG:158.6 FG:160.09	EG:158.9 FG:160.16	EG:159.1 FG:160.20	EG:159.0 FG:160.21	EG:158.9 FG:160.19	EG:158.8 FG:160.14	EG:158.8 FG:160.07	EG:158.7 FG:159.97	EG:158.7 FG:159.84	EG:158.5 FG:159.69	EG:158.2 FG:159.52
	114+00	115+00	116+00	117+00	118+00	119+00	120+00	121+00	122+00	123+00	124+00	125+00	126+00	127+00	128+00														



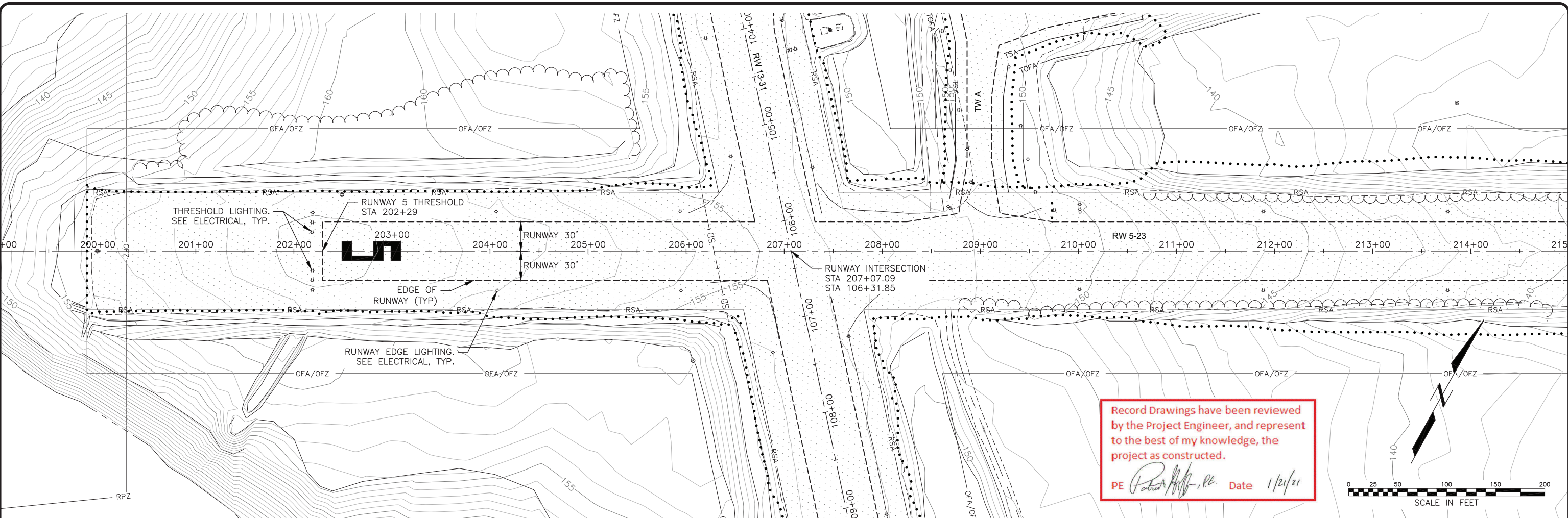
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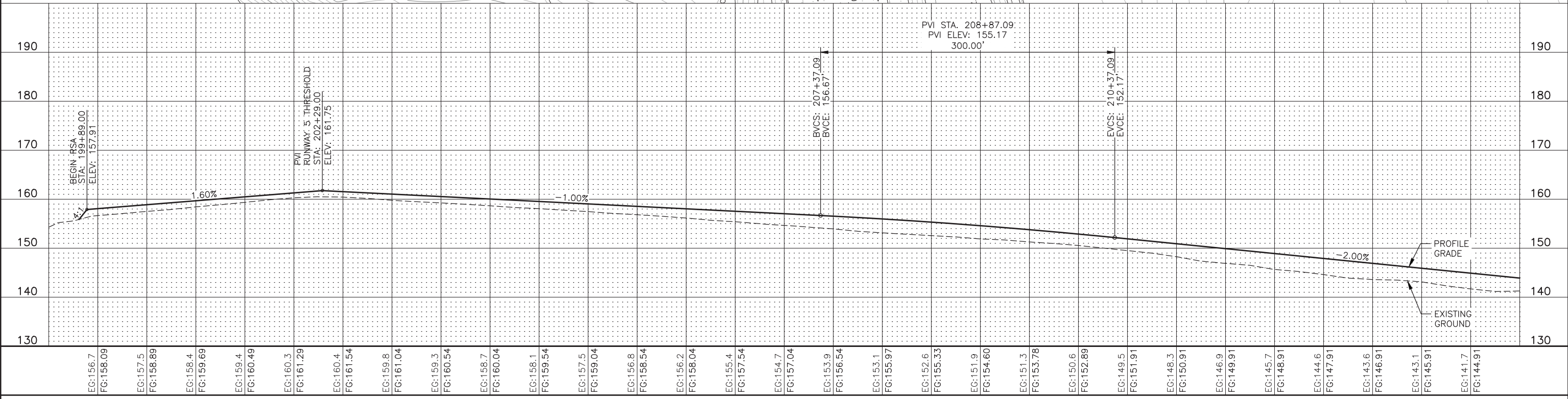
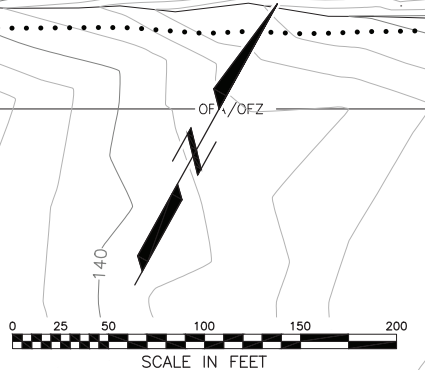
SOUTH NAKNEK AIRPORT
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 PROJECT No. SFAP100099
 A.I.P. No. 3-02-0186-002-2019
 PLAN & PROFILE

DATE: April 5, 2019
 SHEET: **F2** OF **40**
 AS-BUILT SHEET:

Date Reviewed: 6/06/2019, 3:14 PM
 Layout Name: F4
 File Path and Name: G:\WSN\SFAP100099\Planes\F4-FS PLAN AND PROFILE.dwg
 Designed By: LUC
 Drawn By: TDF
 Checked By: TDF



Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Patrick Ruff, P.E.* Date 1/21/21



EG:156.7	FG:158.09	EG:157.5	FG:158.89	EG:158.4	FG:159.69	EG:159.4	FG:160.49	EG:160.3	FG:161.29	EG:160.4	FG:161.54	EG:159.8	FG:161.04	EG:159.3	FG:160.54	EG:158.7	FG:160.04	EG:158.1	FG:159.54	EG:157.5	FG:159.04	EG:156.8	FG:158.54	EG:156.2	FG:158.04	EG:155.4	FG:157.54	EG:154.7	FG:157.04	EG:153.9	FG:156.54	EG:153.1	FG:155.97	EG:152.6	FG:155.33	EG:151.9	FG:154.60	EG:151.3	FG:153.78	EG:150.6	FG:152.89	EG:149.5	FG:151.91	EG:148.3	FG:150.91	EG:146.9	FG:149.91	EG:145.7	FG:148.91	EG:144.6	FG:147.91	EG:143.6	FG:146.91	EG:143.1	FG:145.91	EG:141.7	FG:144.91
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6/6/2019

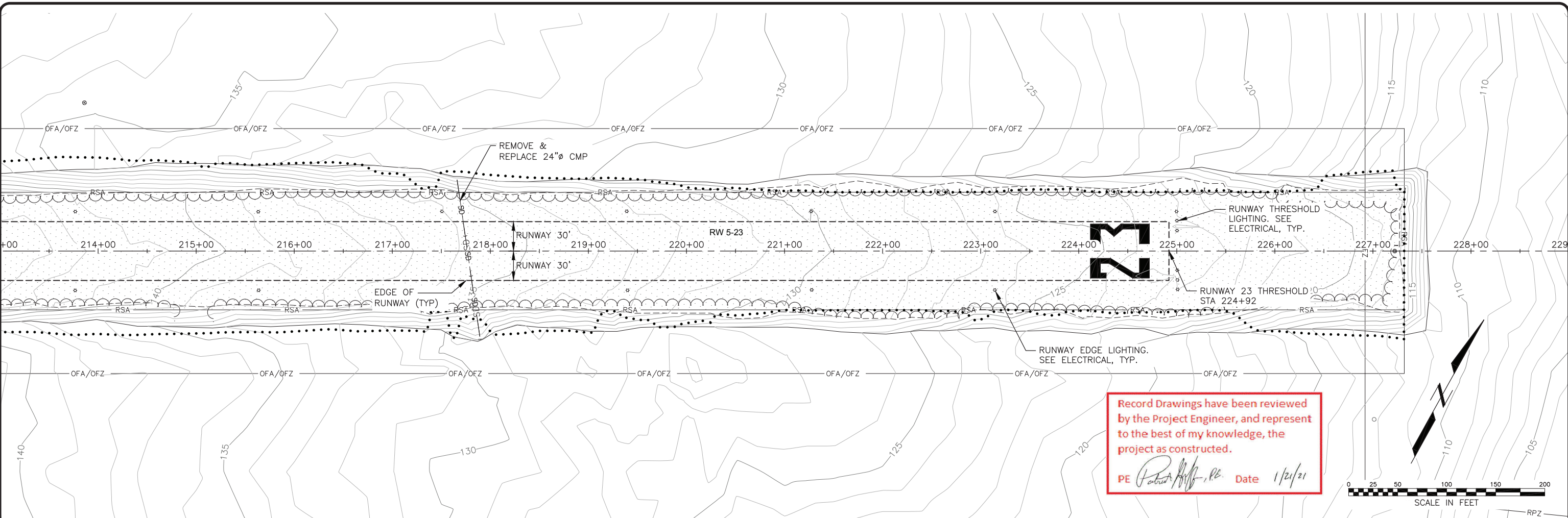
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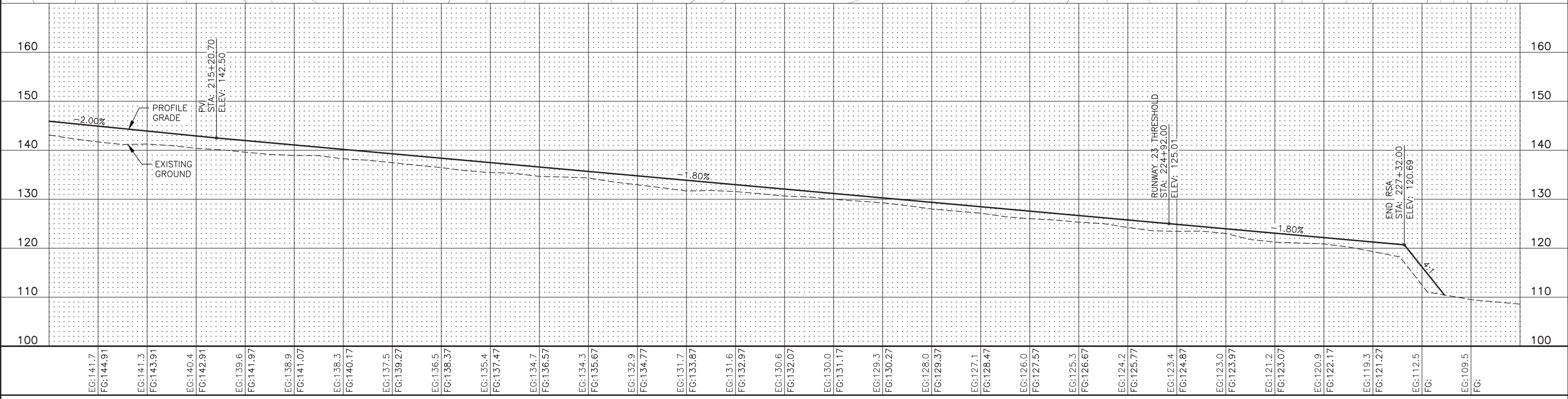
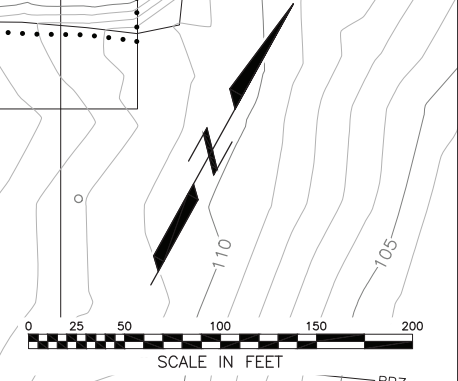
SOUTH NAKNEK AIRPORT
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 PROJECT No. SFAP100099
 A.I.P. No. 3-02-0186-002-2019
 PLAN & PROFILE

DATE: April 5, 2019
 SHEET: **F4** OF **40**
 AS-BUILT SHEET:

Date Reviewed: 6/06/2019, 3:14 PM
 Layout Name: F5
 File Path and Name: G:\WSN\SFAP100099\Planset\F5-F5 PLAN AND PROFILE.dwg
 Designed By: LUC
 Drawn By: TDF
 Checked By: TDF



Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Patrick Gehring, P.E.* Date 1/21/21



EG:141.7	FG:144.91	EG:141.3	FG:143.91	EG:140.4	FG:142.91	EG:139.6	FG:141.97	EG:138.9	FG:141.07	EG:138.3	FG:140.17	EG:137.5	FG:139.27	EG:136.5	FG:138.37	EG:135.4	FG:137.47	EG:134.7	FG:136.57	EG:134.3	FG:135.67	EG:132.9	FG:134.77	EG:131.7	FG:133.87	EG:131.6	FG:132.97	EG:130.6	FG:132.07	EG:130.0	FG:131.17	EG:129.3	FG:130.27	EG:128.0	FG:129.37	EG:127.1	FG:128.47	EG:126.0	FG:127.57	EG:125.3	FG:126.67	EG:124.2	FG:125.77	EG:123.4	FG:124.87	EG:123.0	FG:123.97	EG:121.2	FG:123.07	EG:120.9	FG:122.17	EG:119.3	FG:121.27	EG:112.5	FG:	EG:109.5	FG:
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214+00 215+00 216+00 217+00 218+00 219+00 220+00 221+00 222+00 223+00 224+00 225+00 226+00 227+00 228+00



6/6/2019

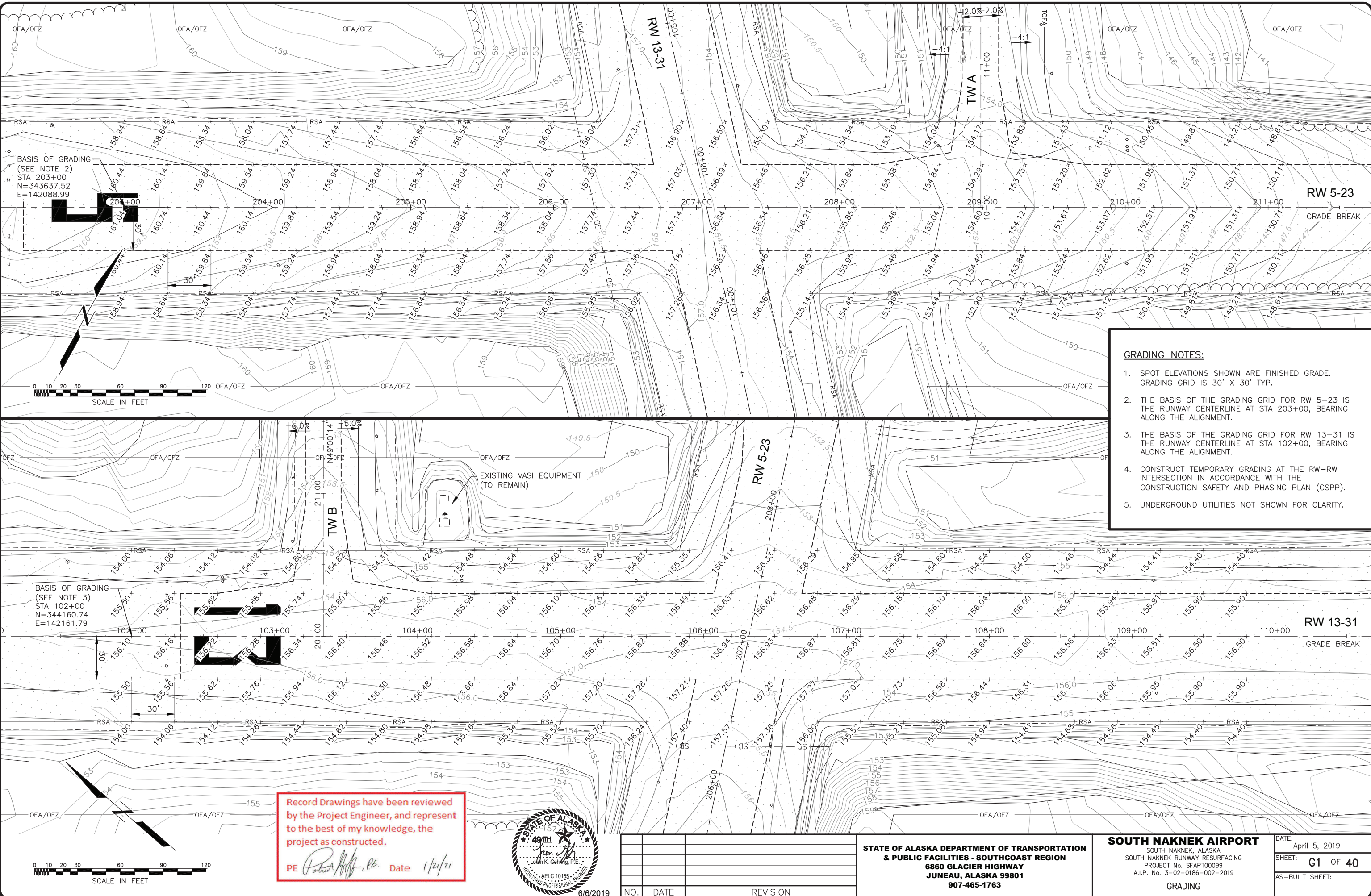
NO.	DATE	REVISION

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES - SOUTHCOAST REGION
6860 GLACIER HIGHWAY
JUNEAU, ALASKA 99801
907-465-1763

SOUTH NAKNEK AIRPORT
 SOUTH NAKNEK, ALASKA
 SOUTH NAKNEK RUNWAY RESURFACING
 PROJECT No. SFAPT00099
 A.I.P. No. 3-02-0186-002-2019
PLAN & PROFILE

DATE: April 5, 2019
 SHEET: **F5** OF **40**
 AS-BUILT SHEET:

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 Designed By: LUC
 Drawn By: TDF
 Checked By: TDF



BASIS OF GRADING
 (SEE NOTE 2)
 STA 203+00
 N=343637.52
 E=142088.99



BASIS OF GRADING
 (SEE NOTE 3)
 STA 102+00
 N=344160.74
 E=142161.79



- GRADING NOTES:**
1. SPOT ELEVATIONS SHOWN ARE FINISHED GRADE. GRADING GRID IS 30' X 30' TYP.
 2. THE BASIS OF THE GRADING GRID FOR RW 5-23 IS THE RUNWAY CENTERLINE AT STA 203+00, BEARING ALONG THE ALIGNMENT.
 3. THE BASIS OF THE GRADING GRID FOR RW 13-31 IS THE RUNWAY CENTERLINE AT STA 102+00, BEARING ALONG THE ALIGNMENT.
 4. CONSTRUCT TEMPORARY GRADING AT THE RW-RW INTERSECTION IN ACCORDANCE WITH THE CONSTRUCTION SAFETY AND PHASING PLAN (CSPP).
 5. UNDERGROUND UTILITIES NOT SHOWN FOR CLARITY.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Patrick J. McNeil, P.E.* Date 1/21/21



6/6/2019

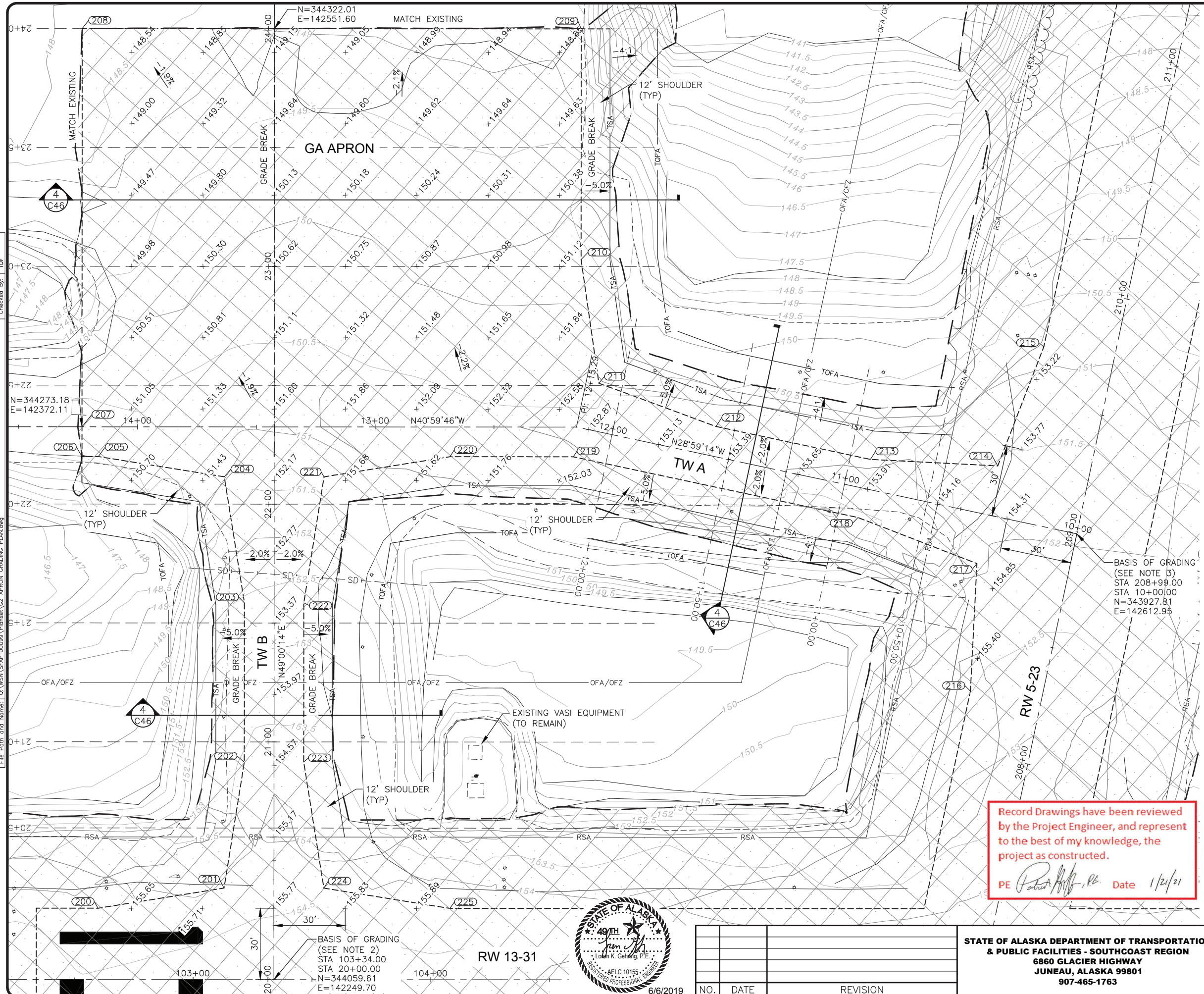
NO.	DATE	REVISION

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES - SOUTHCOAST REGION
 6860 GLACIER HIGHWAY
 JUNEAU, ALASKA 99801
 907-465-1763

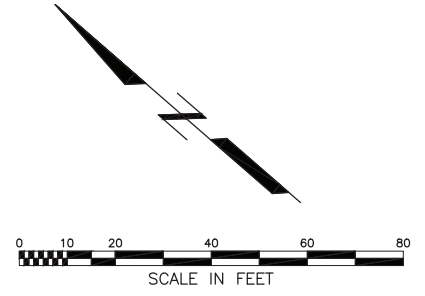
SOUTH NAKNEK AIRPORT
 SOUTH NAKNEK, ALASKA
 SOUTH NAKNEK RUNWAY RESURFACING
 PROJECT No. SFAP100099
 A.I.P. No. 3-02-0186-002-2019
 GRADING

DATE: April 5, 2019
 SHEET: G1 OF 40
 AS-BUILT SHEET:

Date Revised: 6/06/2019, 3:18 PM
 Layout Name: G:\VSN\SFAP100099\Planes\G2 APRON GRADING PLANS.dwg
 File Path and Name:
 Designed By: LMG
 Drawn By: TDF
 Checked By: TDF



GRADING COORDINATE TABLE				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
200	344135.14	142223.80	155.62	PI EDGE TW
201	344100.71	142264.98	155.42	PI EDGE TW
202	344129.07	142310.56	154.29	PI EDGE TW
203	344173.02	142361.13	152.95	PI EDGE TW
204	344214.20	142395.55	151.72	PI EDGE TW
205	344259.78	142367.20	150.77	PI GRADE BREAK
206	344264.98	142362.68	150.66	PI GRADING LIMIT
207	344273.18	142372.11	151.00	EDGE APRON CL TW A
208	344383.07	142498.53	148.19	PI GRADING LIMIT
209	344224.57	142636.29	148.54	PI GRADE BREAK
210	344160.90	142563.04	151.10	PI GRADE BREAK
211	344121.13	142528.72	152.47	PI EDGE TW
212	344072.01	142547.36	153.07	PI EDGE TW
213	344013.90	142579.55	153.64	PI EDGE TW
214	343971.66	142612.67	153.99	PI EDGE TW
215	343989.91	142663.15	152.97	PI EDGE TW
216	343918.19	142533.69	155.65	PI EDGE TW
217	343951.31	142575.93	154.54	PI EDGE TW
218	344001.79	142557.68	153.64	PI EDGE TW
219	344108.92	142498.33	152.58	PI EDGE TW
220	344148.08	142464.29	152.11	PI EDGE TW
221	344182.50	142423.11	151.72	PI EDGE TW
222	344154.15	142377.53	152.95	PI EDGE TW
223	344110.20	142326.96	154.29	PI EDGE TW
224	344069.01	142292.53	155.51	PI EDGE TW
225	344023.44	142320.89	155.92	PI EDGE TW



GRADING NOTES:

- ELEVATIONS SHOWN ARE FINISHED GRADE.
- THE BASIS OF THE GRADING GRID FOR TAXIWAY B AND THE GA APRON IS THE INTERSECTION OF RUNWAY 13-31 AND TAXIWAY B. THE BEARING OF THE GRID IS N49° 00' 14"E.
- THE BASIS OF THE GRADING GRID FOR TAXIWAY A IS THE INTERSECTION OF RUNWAY 5-23 AND TAXIWAY A. THE BEARING OF THE GRID IS N28° 59' 14"W.
- CONSTRUCT TEMPORARY DRAINAGE DITCHES, SWALES, EARTH CHANNELS OR BERMS AS NEEDED TO MAINTAIN POSITIVE DRAINAGE. GRADING FOR TEMPORARY DRAINAGE IS INCIDENTAL TO THE WORK AND WILL NOT BE MEASURED FOR PAYMENT.
- UNDERGROUND UTILITIES NOT SHOWN FOR CLARITY.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *[Signature]* Date 1/21/21

BASIS OF GRADING (SEE NOTE 2)
 STA 103+34.00
 STA 20+00.00
 N=344059.61
 E=142249.70



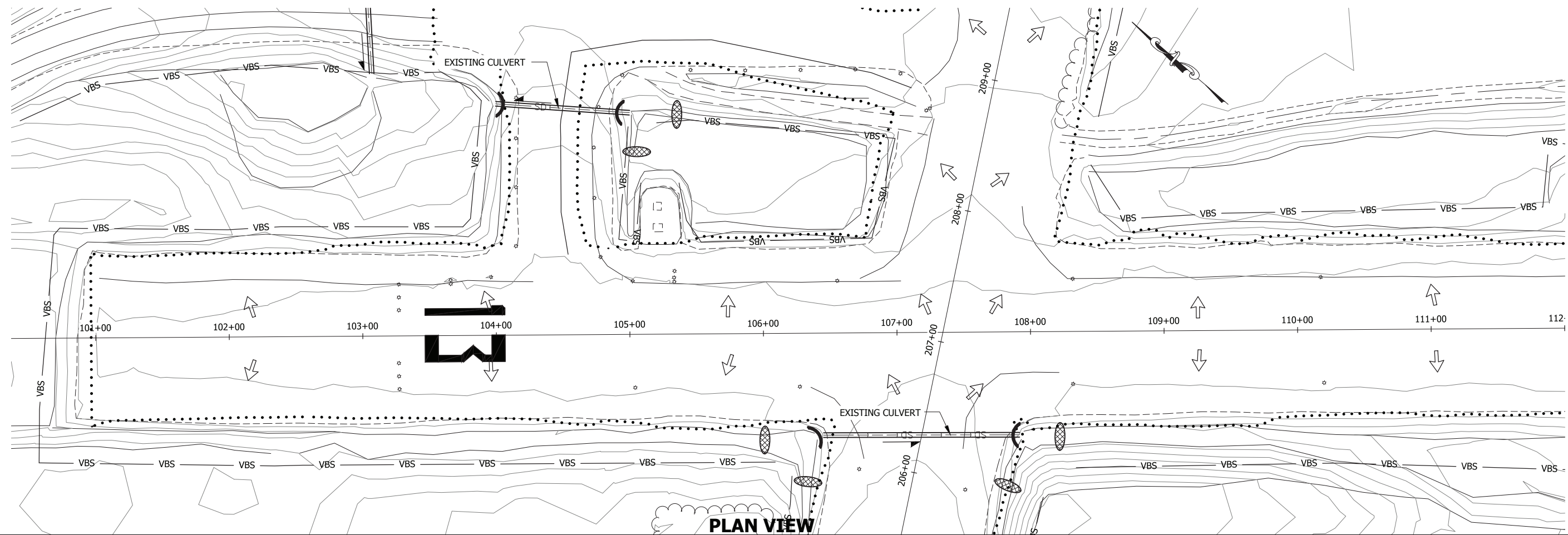
NO.	DATE	REVISION

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES - SOUTHCOAST REGION
 6860 GLACIER HIGHWAY
 JUNEAU, ALASKA 99801
 907-465-1763

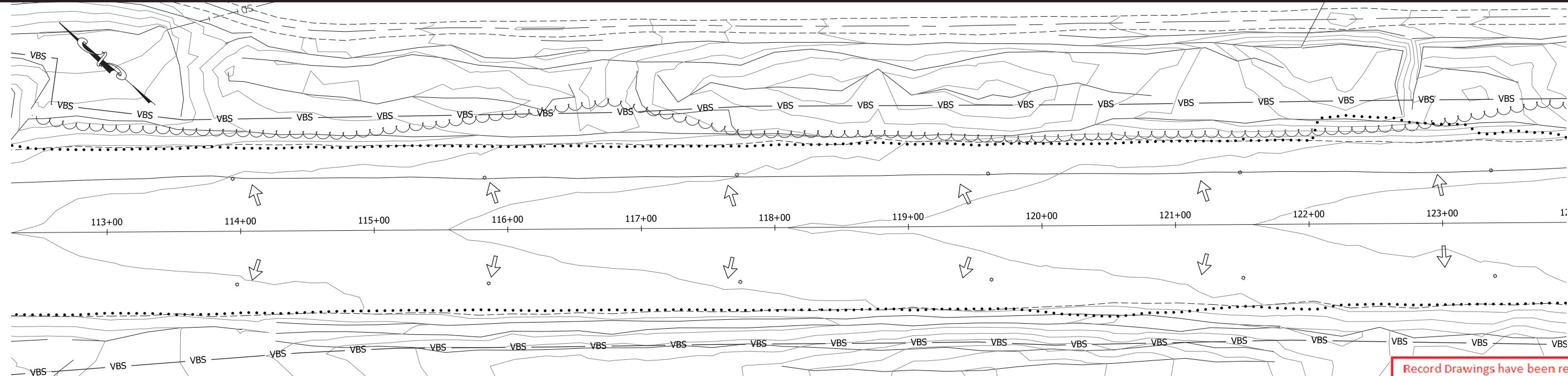
SOUTH NAKNEK AIRPORT
 SOUTH NAKNEK, ALASKA
 SOUTH NAKNEK RUNWAY RESURFACING
 PROJECT No. SFAP100099
 A.I.P. No. 3-02-0186-002-2019
 GRADING

DATE: April 5, 2019
 SHEET: **G2** OF **40**
 AS-BUILT SHEET:

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 Drawn By: TDF
 Checked By: TDF



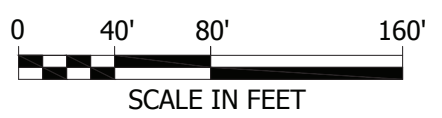
PLAN VIEW



PLAN VIEW

LEGEND

- DRAINAGE FLOW
- VEGETATIVE BUFFER STRIP
- ROCK FILTER BERM
- DAYLIGHT - FILL
- STORM DRAIN INLET PROTECTION



ESCP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY PRECONSTRUCTION MANUAL SECTION 1120.7.3 DATED NOVEMBER 15, 2013

NO.	DATE	REVISION

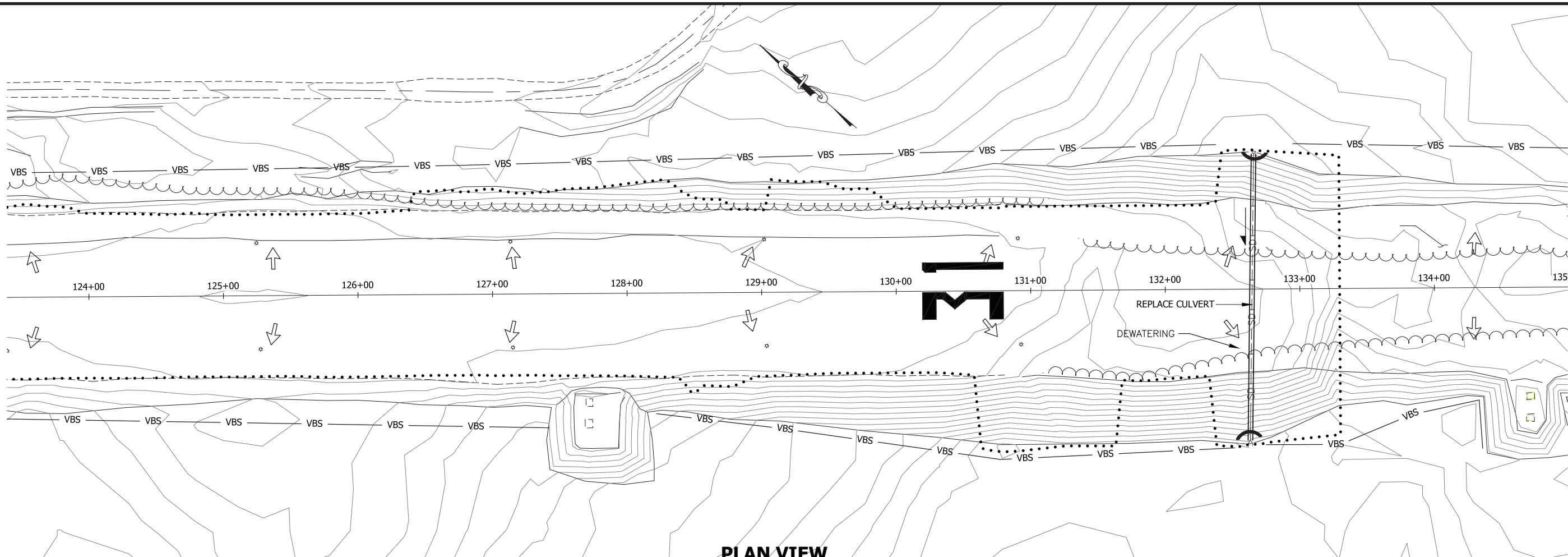
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES - SOUTHCOAST REGION
 6860 GLACIER HIGHWAY
 JUNEAU, ALASKA 99801
 907-465-1763

SOUTH NAKNEK AIRPORT
 SOUTH NAKNEK, ALASKA
 SOUTH NAKNEK RUNWAY RESURFACING
 PROJECT No. SFAPT00099
 A.I.P. No. 3-02-0186-002-2019
 EROSION & SEDIMENT CONTROL PLAN

DATE: April 5, 2019
 SHEET: P1 OF 40
 AS-BUILT SHEET:

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Patrick Hoff*, P.E. Date 1/21/21

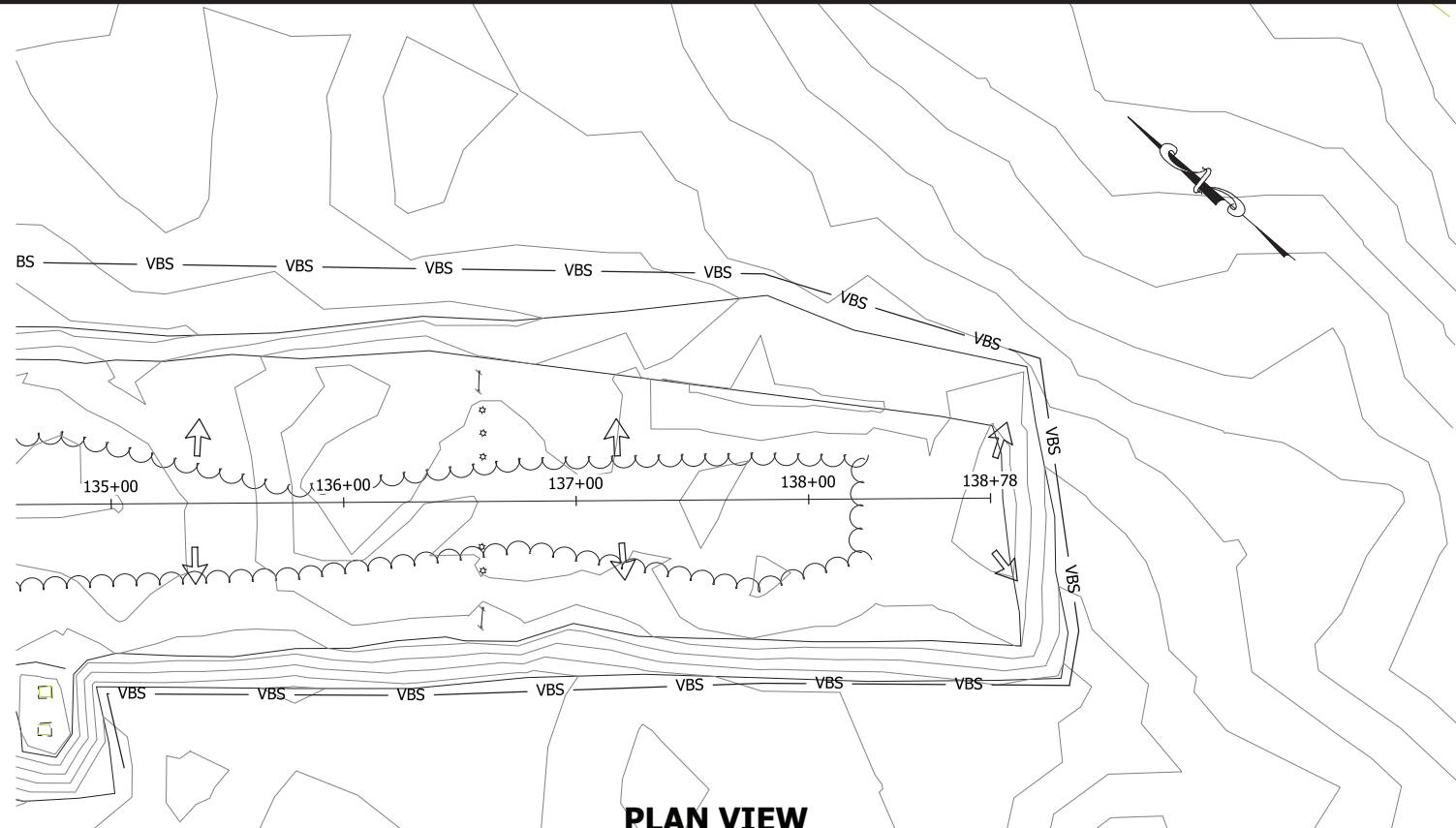
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 Checked By: TDF



PLAN VIEW

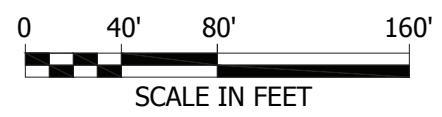
LEGEND

- DRAINAGE FLOW
- VBS — VEGETATIVE BUFFER STRIP
- ROCK FILTER BERM
- DAYLIGHT - FILL
- STORM DRAIN INLET PROTECTION



PLAN VIEW

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Patrick Ruff*, PE Date 1/21/21



ESCP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY PRECONSTRUCTION MANUAL SECTION 1120.7.3 DATED NOVEMBER 15, 2013

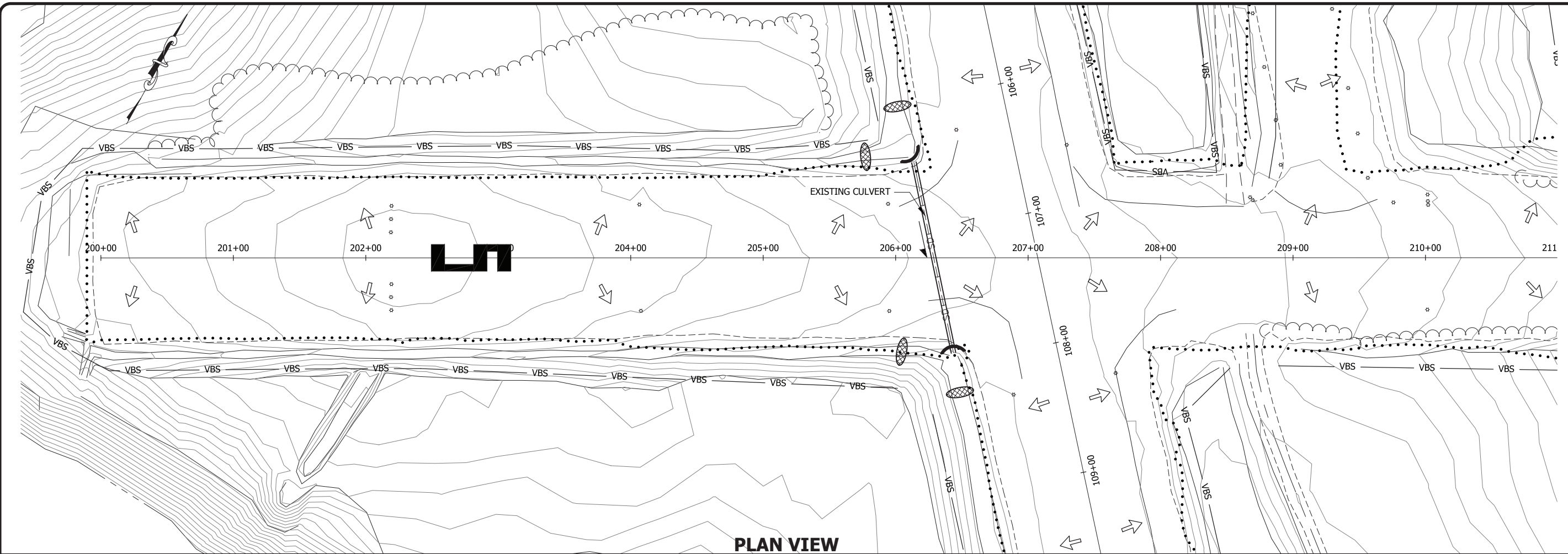
NO.	DATE	REVISION

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 6860 GLACIER HIGHWAY
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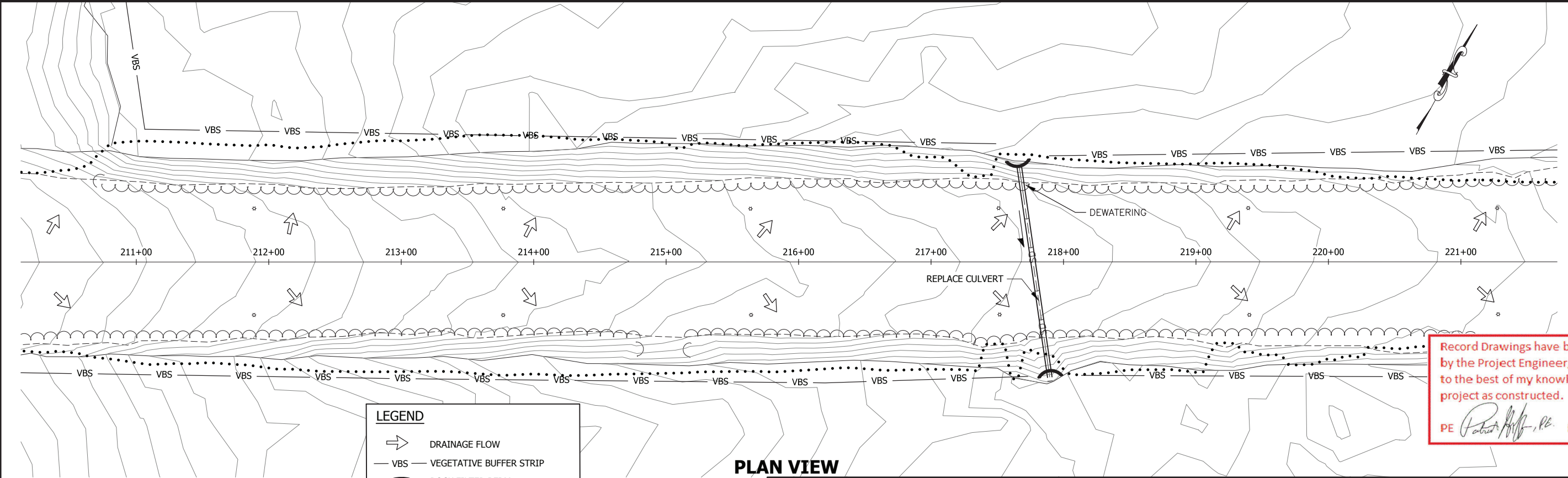
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 SOUTH NAKNEK, ALASKA
 SOUTH NAKNEK RUNWAY RESURFACING
 PROJECT No. SFAPT00099
 A.I.P. No. 3-02-0186-002-2019
 EROSION & SEDIMENT CONTROL PLAN

DATE: April 5, 2019
 SHEET: P2 OF 40
 AS-BUILT SHEET:

Date Revised: 6/06/2019, 3:18 PM
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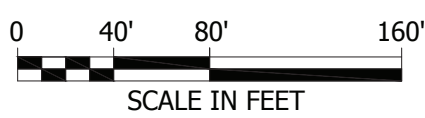
PLAN VIEW



PLAN VIEW

LEGEND

	DRAINAGE FLOW
	VBS - VEGETATIVE BUFFER STRIP
	ROCK FILTER BERM
	DAYLIGHT - FILL
	STORM DRAIN INLET PROTECTION



ESCP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY PRECONSTRUCTION MANUAL SECTION 1120.7.3 DATED NOVEMBER 15, 2013

NO.	DATE	REVISION

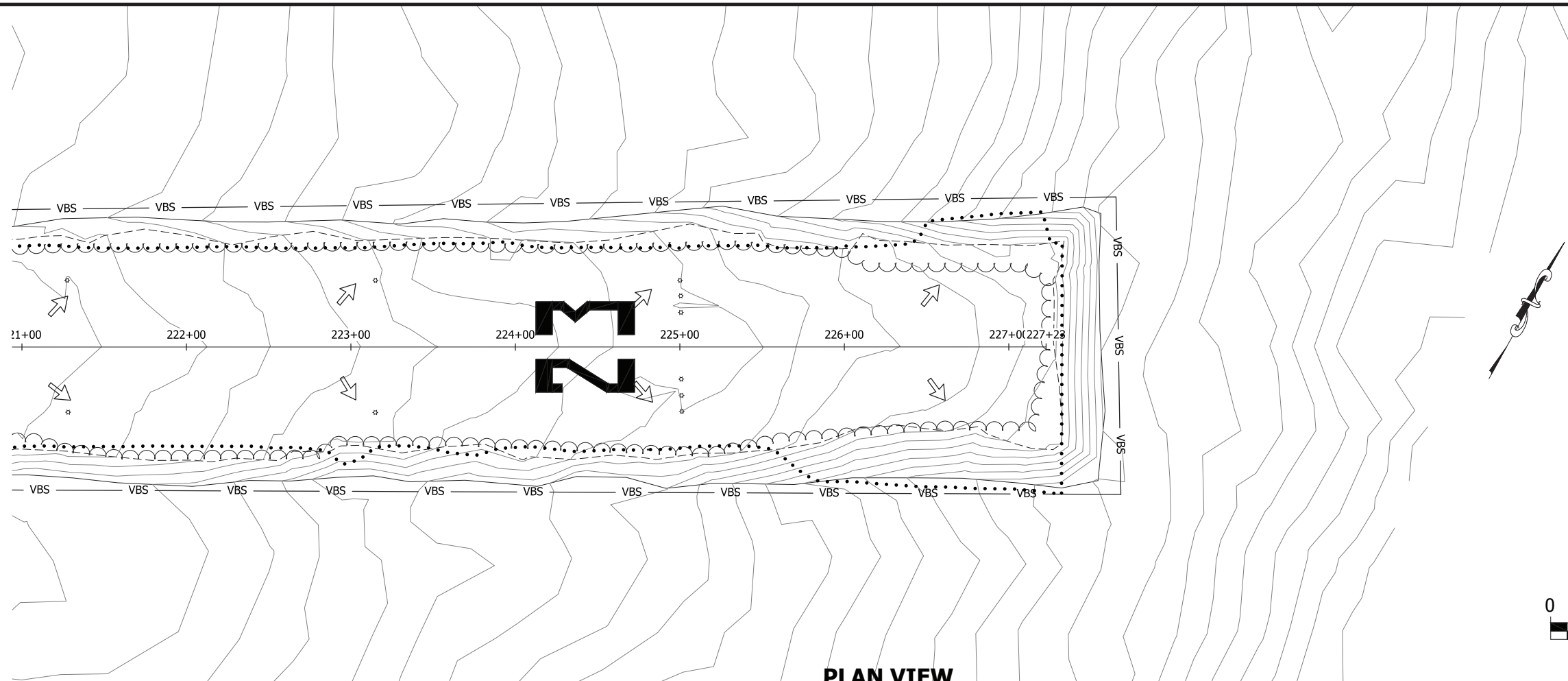
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES - SOUTHCOAST REGION
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 JUNEAU, ALASKA 99801
 907-465-1763

SOUTH NAKNEK AIRPORT
 SOUTH NAKNEK, ALASKA
 SOUTH NAKNEK RUNWAY RESURFACING
 PROJECT No. SFAPT00099
 A.I.P. No. 3-02-0186-002-2019
 EROSION & SEDIMENT CONTROL PLAN

DATE: April 5, 2019
 SHEET: **P3** OF 40
 AS-BUILT SHEET:

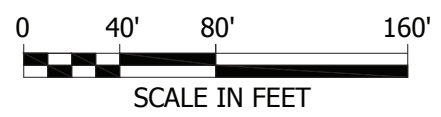
Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Patrick Hoff*, P.E. Date 1/21/21

Date Revised: 6/06/2019, 3:18 PM
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 Designed By: LUG
 Drawn By: TDF
 Checked By: TDF



LEGEND

- DRAINAGE FLOW
- VEGETATIVE BUFFER STRIP
- ROCK FILTER BERM
- DAYLIGHT - FILL
- STORM DRAIN INLET PROTECTION



PLAN VIEW

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Patrick Hoff*, P.E. Date 1/21/21

ESCP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY PRECONSTRUCTION MANUAL SECTION 1120.7.3 DATED NOVEMBER 15, 2013

NO.	DATE	REVISION

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES - SOUTHCOAST REGION
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SOUTH NAKNEK AIRPORT
 SOUTH NAKNEK, ALASKA
 SOUTH NAKNEK RUNWAY RESURFACING
 PROJECT No. SFAPT00099
 A.I.P. No. 3-02-0186-002-2019
 EROSION & SEDIMENT CONTROL PLAN

DATE: April 5, 2019
 SHEET: **P4** OF **40**
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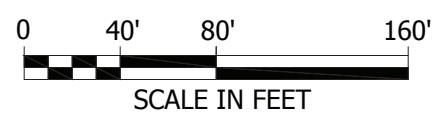
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 Designed By: LUC
 Drawn By: TDF
 Checked By: TDF



LEGEND

- DRAINAGE FLOW
- VEGETATIVE BUFFER STRIP
- ROCK FILTER BERM
- DAYLIGHT - FILL
- STORM DRAIN INLET PROTECTION

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Patrick Hoff*, P.E. Date 1/21/21



ESCP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY PRECONSTRUCTION MANUAL SECTION 1120.7.3 DATED NOVEMBER 15, 2013

PLAN VIEW


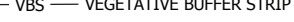


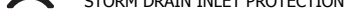
NO.	DATE	REVISION

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES - SOUTHCOAST REGION
 6860 GLACIER HIGHWAY
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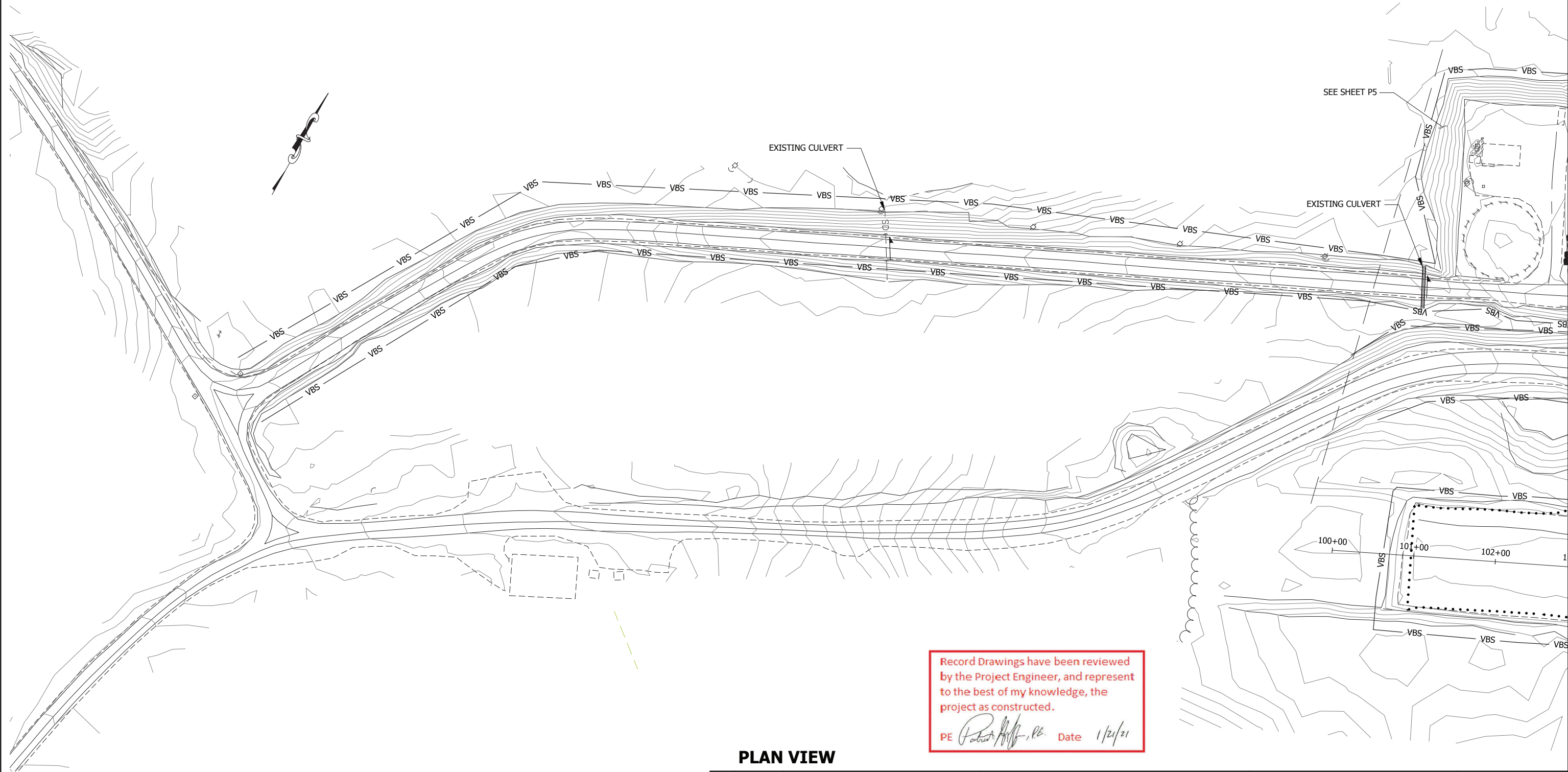
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 SOUTH NAKNEK, ALASKA
 SOUTH NAKNEK RUNWAY RESURFACING
 PROJECT No. SFAPT00099
 A.I.P. No. 3-02-0186-002-2019
 EROSION & SEDIMENT CONTROL PLAN

DATE: April 5, 2019
 SHEET: P5 OF 40
 AS-BUILT SHEET:

LEGEND

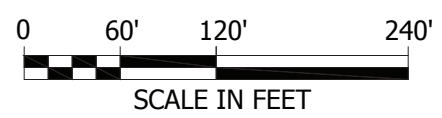
-  DRAINAGE FLOW
-  VEGETATIVE BUFFER STRIP
-  ROCK FILTER BERM
-  DAYLIGHT - FILL
-  STORM DRAIN INLET PROTECTION

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 Designed By: LUC
 Drawn By: TDF
 Checked By: TDF



Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *[Signature]* Date 1/21/21

PLAN VIEW



ESCP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY PRECONSTRUCTION MANUAL SECTION 1120.7.3 DATED NOVEMBER 15, 2013

NO.	DATE	REVISION

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES - SOUTHCOAST REGION
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SOUTH NAKNEK AIRPORT
 SOUTH NAKNEK, ALASKA
 SOUTH NAKNEK RUNWAY RESURFACING
 PROJECT No. SFAPT00099
 A.I.P. No. 3-02-0186-002-2019
 EROSION & SEDIMENT CONTROL PLAN

DATE: April 5, 2019
 SHEET: P6 OF 40
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 Drawn By:
 Checked By:

GENERAL ELECTRICAL NOTES:

- LOCATIONS OF EXISTING EQUIPMENT, CONDUIT, ETC ARE TAKEN FROM ASBUILT DRAWINGS AND LIMITED SURVEY DATA AND SHALL BE FIELD VERIFIED. OBTAIN LOCATES OF EXISTING SYSTEMS AND EXCAVATE WITH CAUTION.
- REMOVE LIGHTS AND OTHER EQUIPMENT AS INDICATED ON DEMOLITION PLANS. REMOVAL INCLUDES ALL ASSOCIATED CONDUIT, CONDUCTORS, LIGHT BASES, TRANSFORMERS, CONTROLLERS, DRAIN CONDUITS, FOUNDATIONS, AND CONCRETE, UNLESS OTHERWISE INDICATED. ALL REMOVED LIGHTS, BASEPLATES (INCLUDING BOLTS), TRANSFORMERS, WIND CONES, ROTATING BEACON, AND THE ELECTRICAL EQUIPMENT BUILDING WITH ALL CONTAINED EQUIPMENT SHALL BE OFFERED TO AIRPORT MAINTENANCE. DISPOSAL OF LIGHTING EQUIPMENT DEEMED NON-SALVAGABLE BY AIRPORT MAINTENANCE AND REMOVED CONDUIT, CONDUCTORS, LIGHT BASES, CONCRETE, AND OTHER MATERIAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE DISPOSED OF AT AN APPROVED SITE OFF OF AIRPORT PROPERTY IN ACCORDANCE WITH FEDERAL AND STATE REGULATIONS. DISPOSAL COSTS SHALL BE SUBSIDIARY TO THE CONTRACT.
- COORDINATE ALL LIGHTING OUTAGES CAUSED BY DISCONNECTIONS, CIRCUIT CHANGES, OR OTHER WORK WITH THE PROJECT ENGINEER. SCHEDULE INSTALLATION OF CONDUCTORS AND OTHER EQUIPMENT TO MINIMIZE QUANTITY AND DURATION OF OUTAGES.
- ALL AIRFIELD LIGHTING CONDUCTORS SHALL BE #8 FAA TYPE C.
- INSTALL A #6 BARE COPPER GROUNDING CONDUCTOR WITH ALL LIGHTING CIRCUIT CONDUCTORS.
- INSTALL PULL ROPE IN ALL EMPTY CONDUITS.
- COORDINATE ELECTRIC SERVICE DISCONNECTIONS, RECONNECTIONS, AND INSTALLATION WITH UTILITY (NAKNEK ELECTRIC ASSOCIATION).
- PROJECT PHASING NOTES:
 PHASE 1: RUNWAY 5-23 AND TAXIWAY A
 PHASE 2: RUNWAY 13-31 NORTH AND TAXIWAY B
 PHASE 3: RUNWAY 13-31 SOUTH

 SEE SHEETS A6-A8 FOR ADDITIONAL INFORMATION.

 PROVIDE TEMPORARY JUMPERS AND CONNECTIONS AS INDICATED AND AS REQUIRED TO MAINTAIN PARTIAL LIGHTING DURING PHASED CONSTRUCTION. NO RUNWAY OR TAXIWAY LIGHTS WILL BE ACTIVE DURING PHASE 2 CONSTRUCTION.

 ELECTRICAL EQUIPMENT BUILDING, WIND CONE, AND ROTATING BEACON WORK MAY BE PERFORMED DURING ANY PHASE OF CONSTRUCTION. COORDINATE REPLACEMENT OF ELECTRICAL EQUIPMENT BUILDING TO MINIMIZE SYSTEM DOWNTIME. PROVIDE TEMPORARY CONNECTIONS OR TEMPORARY RELOCATION OF EXISTING BUILDING DURING INSTALLATION OF NEW BUILDING TO MAINTAIN OPERATION OF LIGHTING SYSTEMS.

SHEET NOTES: (X)

- LIGHT FIXTURES BEYOND THIS POINT HAVE BEEN REMOVED AND CONDUIT AND LIGHT BASES ABANDONED. IT IS UNKNOWN WHETHER CONDUCTORS WERE LEFT IN PLACE AND/OR ARE STILL ENERGIZED. REMOVE CONDUCTORS (IF PRESENT). REMOVE LIGHT BASES AND CONDUIT WHERE DISTURBED BY EXCAVATION ASSOCIATED WITH THIS PROJECT.
- EXISTING VASI EQUIPMENT TO BE REMOVED BY FAA. REMOVE FOUNDATIONS AND CONDUIT AND CONDUCTORS WHERE DISTURBED BY EXCAVATION ASSOCIATED WITH THIS PROJECT. VERIFY THAT CONDUCTORS HAVE BEEN DEENERGIZED PRIOR TO STARTING WORK. REMOVAL IS PAID FOR UNDER P-165.
- REMOVE ROTATING BEACON, MOUNTING PLATFORM, LADDER, RADIO ANTENNA, AND ALL ASSOCIATED CONDUITS FROM SREB. SEAL ALL BUILDING PENETRATIONS WATERTIGHT.
- TEMPORARY JUMPER TO DE-ENERGIZE RUNWAY 5-23 AND TAXIWAY A LIGHTING AND FACILITATE OPERATION OF RUNWAY 13-31 AND TAXIWAY B LIGHTING DURING PHASE 1 WORK.
- TEMPORARY JUMPER (IN CONDUIT) TO DE-ENERGIZE RUNWAY 13-31 AND TAXIWAY B LIGHTING AND FACILITATE OPERATION OF TAXIWAY A LIGHTING DURING PHASE 3 WORK.

ELECTRICAL PLAN LEGEND

<p>⊗ EXISTING LIGHT TO BE REMOVED</p> <p>○ RUNWAY EDGE LIGHT, OMNI-DIRECTIONAL</p> <p>ⓓ RUNWAY EDGE LIGHT, BI-DIRECTIONAL</p> <p>● RUNWAY THRESHOLD LIGHT, BI-DIRECTIONAL</p> <p>⊙ RUNWAY END LIGHT, OMNI-DIRECTIONAL</p> <p>● TAXIWAY EDGE LIGHT, OMNI-DIRECTIONAL</p> <p>Ⓜ GROUND ROD, 3/4"x10' TYPICAL</p> <p>⊗ HANDHOLE (HH), TYPE I (LIGHT BASE WITH BLANK COVER)</p> <p>Ⓜ JUNCTION BOX, TYPE II</p> <p>Ⓜ METERBASE</p> <p>Ⓜ WIND CONE</p> <p>⊙ ROTATING BEACON</p> <p>⊗ LIGHTED AIRPORT SIGN - DEMOLITION</p> <p>Ⓜ LIGHTED AIRPORT SIGN - NEW WORK</p> <p>⊗ REFERENCE TO SHEET NOTE</p> <p>Ⓜ REFERENCE TO REVISION</p> <p>EQUIPMENT NUMBER, SEE SCHEDULES ON SHEET U15</p> <p>RX RUNWAY EDGE LIGHT TX TAXIWAY EDGE LIGHT HHX HANDHOLE</p> <p>LIGHT COLORS AND DISTRIBUTIONS</p> <p>B BLUE Y YELLOW/AMBER G GREEN R RED W WHITE O OBSCURED/BLANK BI BI-DIRECTIONAL UNI UNI-DIRECTIONAL OMNI OMNI-DIRECTIONAL</p>	<p>--XXX-- EXISTING UTILITY LINE TO REMAIN, XXX DESIGNATES TYPE</p> <p>---XXX--- NEW UTILITY LINE, XXX DESIGNATES TYPE UG = UNDERGROUND E = ELECTRIC OH = OVERHEAD T = TELEPHONE C = COMMUNICATIONS</p> <p>----- EXISTING CONDUIT TO REMAIN</p> <p>===== HDPE CONDUIT WITH CONDUCTORS AS INDICATED, 2" UNLESS OTHERWISE INDICATED</p> <p>===== RIGID STEEL CONDUIT WITH CONDUCTORS AS INDICATED, 2" UNLESS OTHERWISE INDICATED</p> <p>----- TEMPORARY JUMPER OR CIRCUIT, SURFACE LAID IN HDPE CONDUIT</p> <p>---#--- SERIES LIGHTING CIRCUIT, TICK MARKS INDICATE NUMBER OF 5KV SERIES CONDUCTORS IN CONDUIT (2 SHOWN), INCLUDE GROUND CONDUCTOR (NOT SHOWN), TICK MARKS NOT SHOWN ON SHORT SEGMENTS OR IN CONGESTED AREAS FOR CLARITY</p> <p>ELECTRICAL ABBREVIATIONS</p> <p>AWOS AUTOMATED WEATHER OBSERVING SYSTEM BC BARE COPPER C CONDUIT CB CIRCUIT BREAKER CF CUBIC FOOT DME DISTANCE MEASURING EQUIPMENT DOT DEPARTMENT OF TRANSPORTATION EMT ELECTRICAL METALLIC TUBING EXST EXISTING FAA FEDERAL AVIATION ADMINISTRATION GRD GROUND HDPE HIGH DENSITY POLYETHYLENE LFMC LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT LFNC LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT LHA LIGHT HOUSING ASSEMBLY NDB NON-DIRECTIONAL BEACON NF NON-FUSED ODALS OMNI-DIRECTIONAL APPROACH LIGHTING SYSTEM OFA OBJECT FREE AREA OFZ OBSTACLE FREE ZONE PAPI PRECISION APPROACH PATH INDICATOR PE PHOTOELECTRIC PVC POLYVINYL CHLORIDE RCO RADIO COMMUNICATIONS OUTLET REIL RUNWAY END IDENTIFIER LIGHTS RMC RIGID METALLIC CONDUIT (GALVANIZED STEEL) RSA RUNWAY SAFETY AREA RVR RUNWAY VISUAL RANGE SREB SNOW REMOVAL EQUIPMENT BUILDING SS STAINLESS STEEL TYP TYPICAL UON UNLESS OTHERWISE NOTED VASI VISUAL APPROACH SLOPE INDICATOR</p>
---	--



NO.	DATE	REVISION

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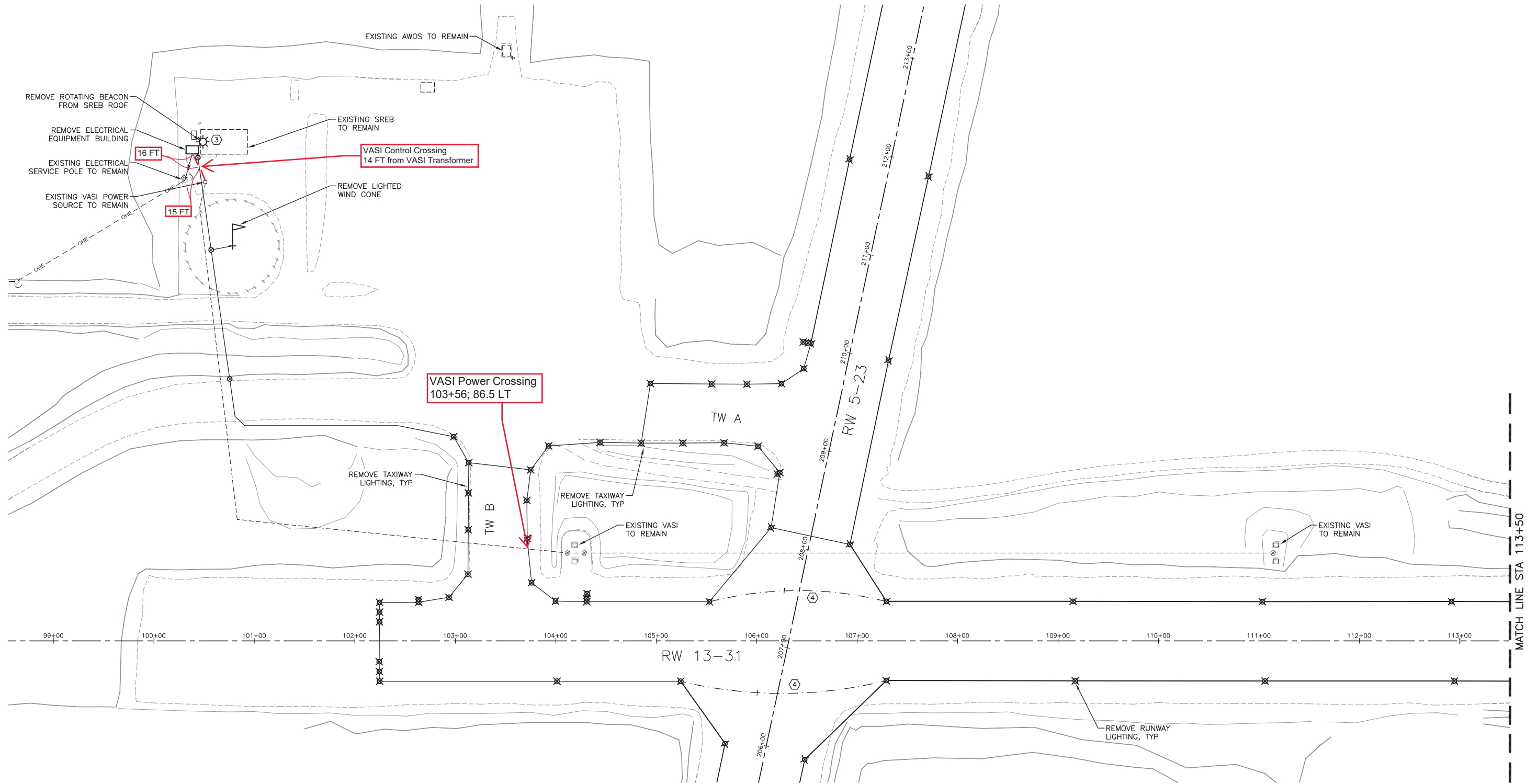
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SOUTH NAKNEK AIRPORT
 SOUTH NAKNEK, ALASKA
 SOUTH NAKNEK RUNWAY RESURFACING
 PROJECT No. SFAPT00099
 A.I.P. No. 3-02-0186-XXX-2019
ELECTRICAL LEGEND AND NOTES

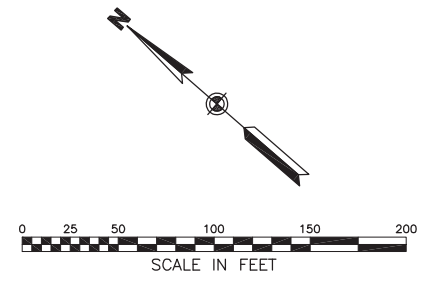
DATE: APRIL 2019
 SHEET: U1 OF 40
 AS-BUILT SHEET:

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 PE *Patrick Hoff, P.E.* Date 1/21/21

Date Revised: 4/10/2019, 9:57 AM
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 PE *Patrick Hoff*, P.E. Date 1/21/21



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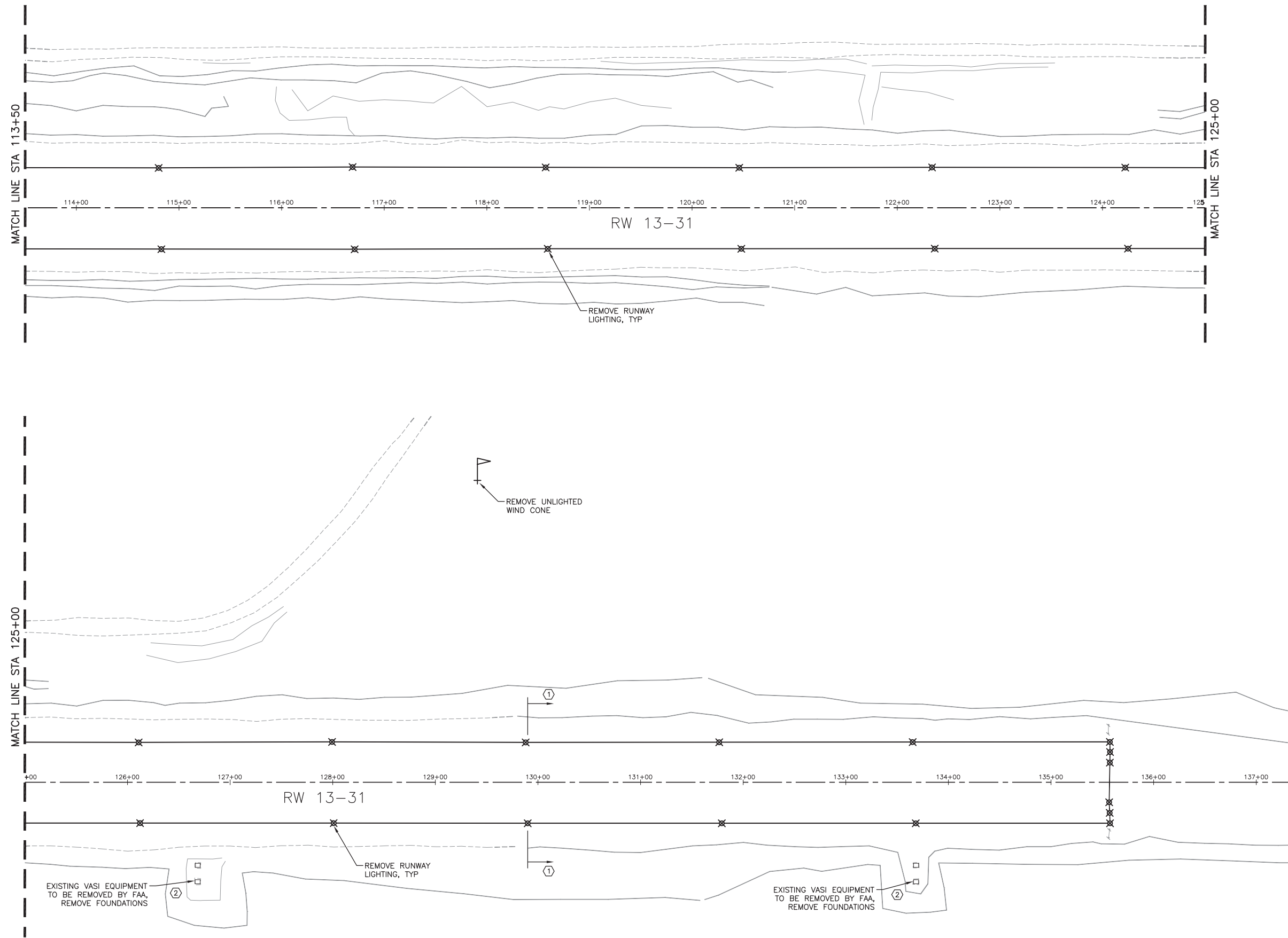
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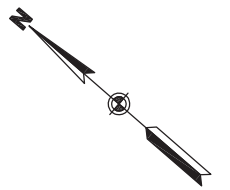
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 SOUTH NAKNEK, ALASKA
 SOUTH NAKNEK RUNWAY RESURFACING
 PROJECT No. SFAPT00099
 A.I.P. No. 3-02-0186-XXX-2019
 RUNWAY 13-31
 DEMOLITION PLAN-NORTH

DATE: APRIL 2019
 SHEET: U2 OF 40
 AS-BUILT SHEET:

Date Revised: 4/10/2019, 9:57 AM
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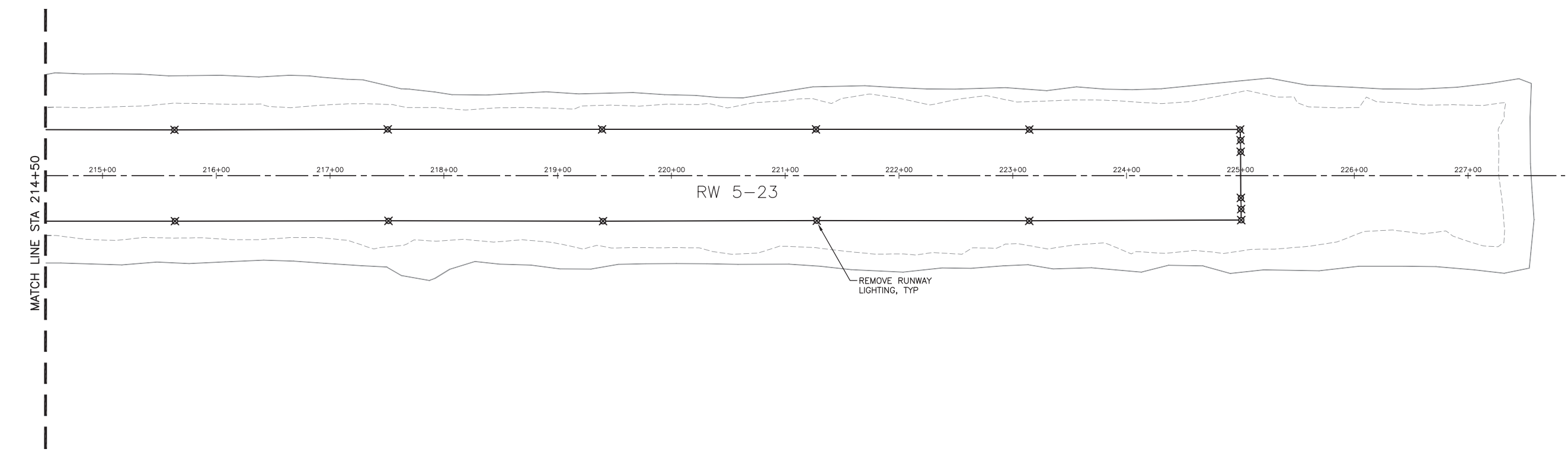
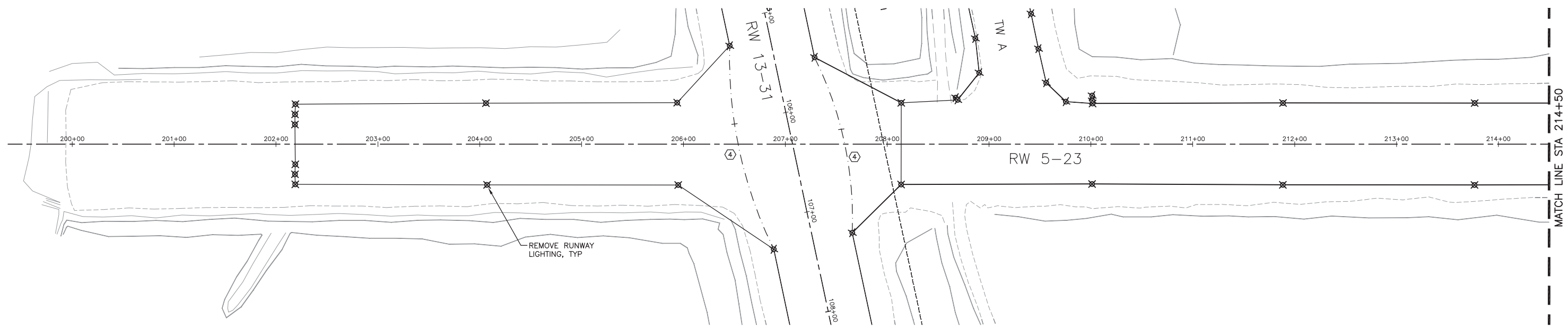
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 A.I.P. No. 3-02-0186-XXX-2019
 RUNWAY 13-31
 DEMOLITION PLAN-SOUTH

DATE: APRIL 2019
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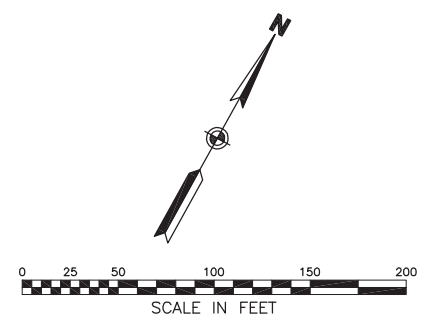
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 PE *Patrick J. Kelly, P.E.* Date 1/21/21

REMOVE UNLIGHTED WIND CONE



NO.	DATE	REVISION

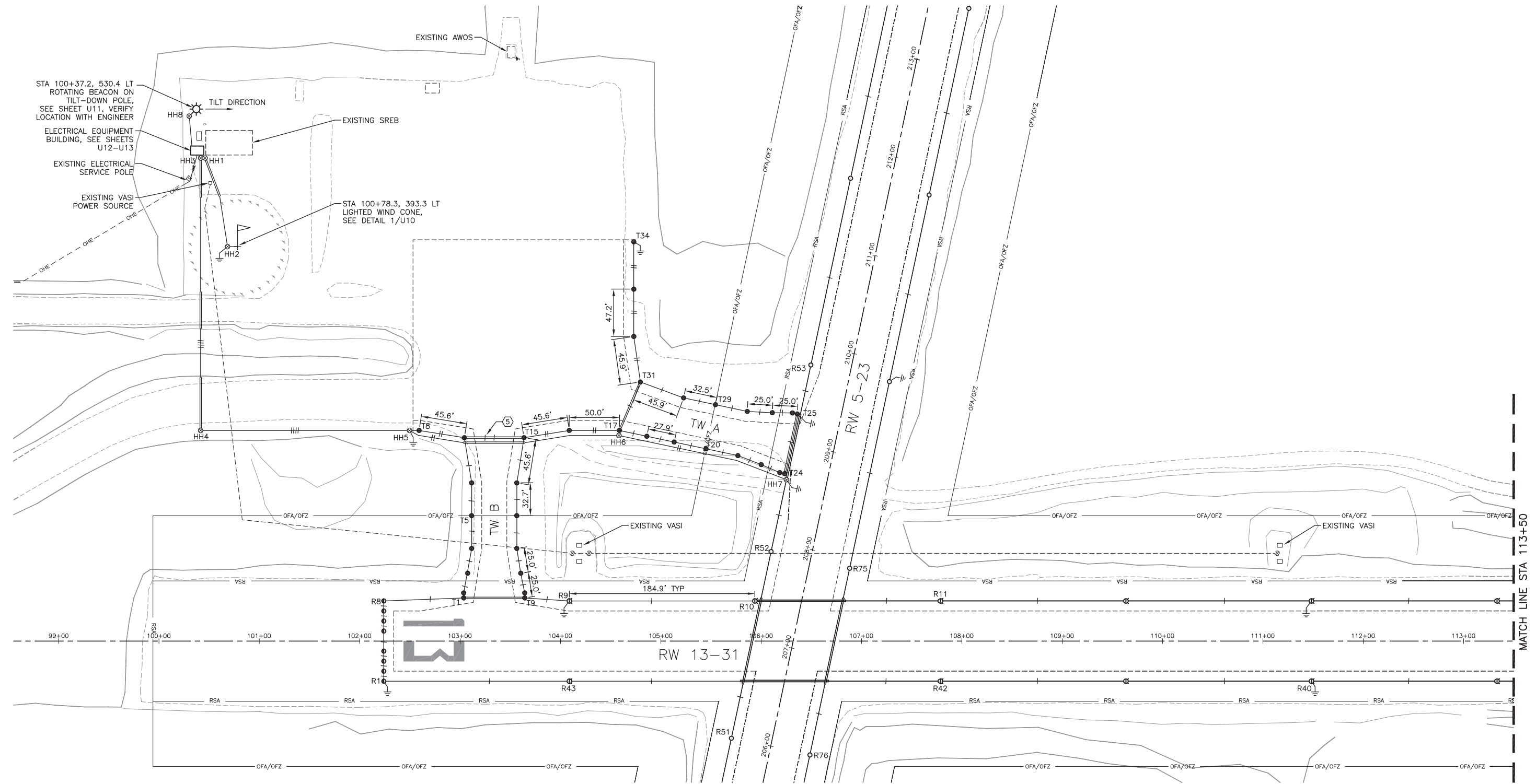
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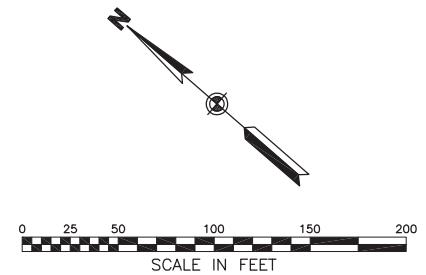
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 SOUTH NAKNEK RUNWAY RESURFACING
 PROJECT No. SFAPT00099
 A.I.P. No. 3-02-0186-XXX-2019
 RUNWAY 5-23
 DEMOLITION PLAN

DATE: APRIL 2019
 SHEET: U4 OF 40
 AS-BUILT SHEET:

Date Revised: 4/10/2019, 9:58 AM
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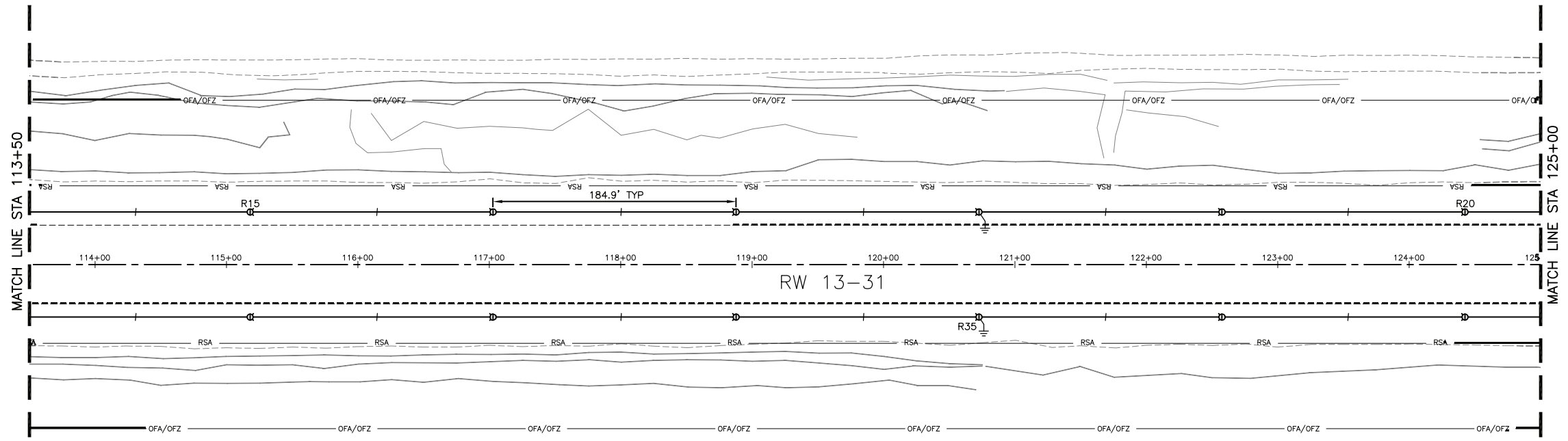
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RUNWAY 13-31
LIGHTING PLAN-NORTH

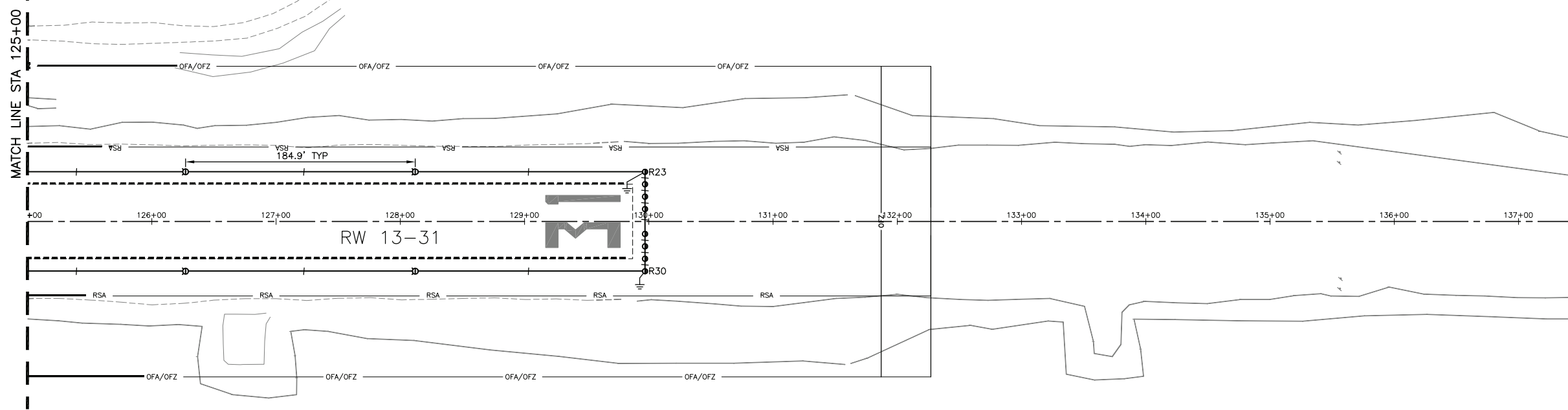
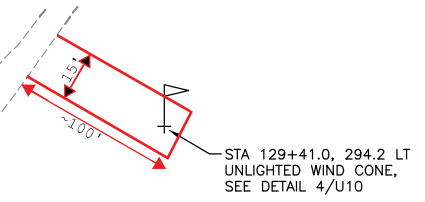
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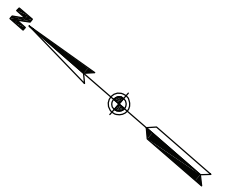
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RFP #1 - Attachment A



Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Robert J. Kelly, P.E.* Date 1/21/21



NO.	DATE	REVISION

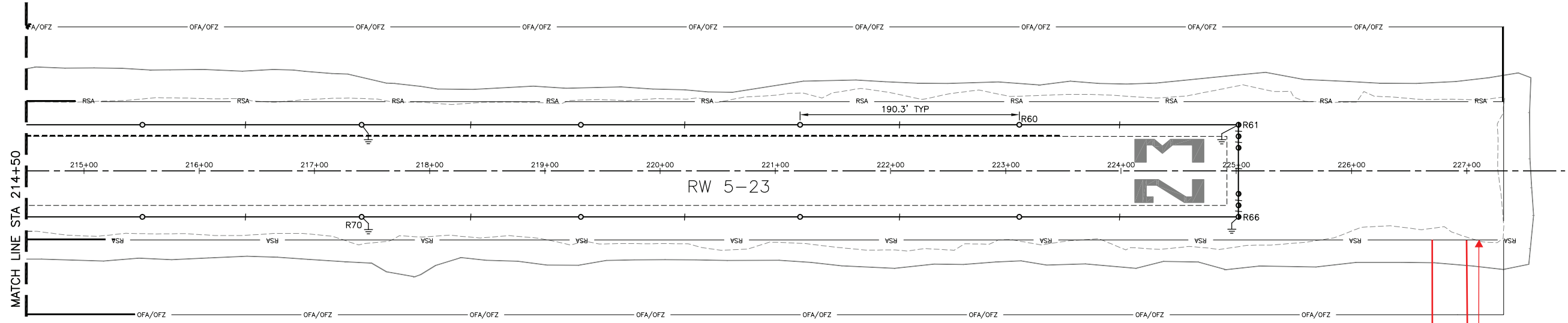
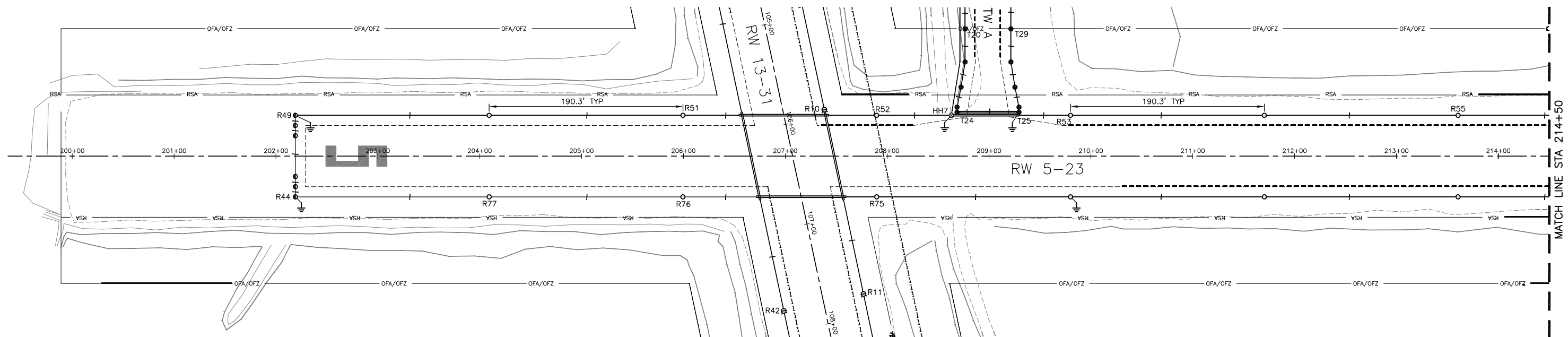
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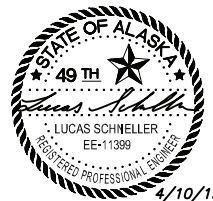
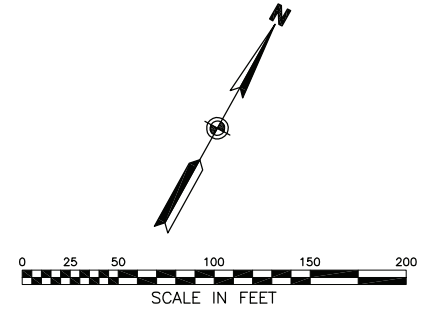
SOUTH NAKNEK AIRPORT
 SOUTH NAKNEK, ALASKA
 SOUTH NAKNEK RUNWAY RESURFACING
 PROJECT No. SFAPT00099
 A.I.P. No. 3-02-0186-XXX-2019
 RUNWAY 13-31
 LIGHTING PLAN-SOUTH

DATE: APRIL 2019
 SHEET: U6 OF 40
 AS-BUILT SHEET:

Date Revised: 4/10/2019, 9:58 AM
 Layout Name: E7
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 Checked By:



STA 226+89.0, 293.7 LT
 UNLIGHTED WIND CONE,
 SEE DETAIL 4/U10



NO.	DATE	REVISION

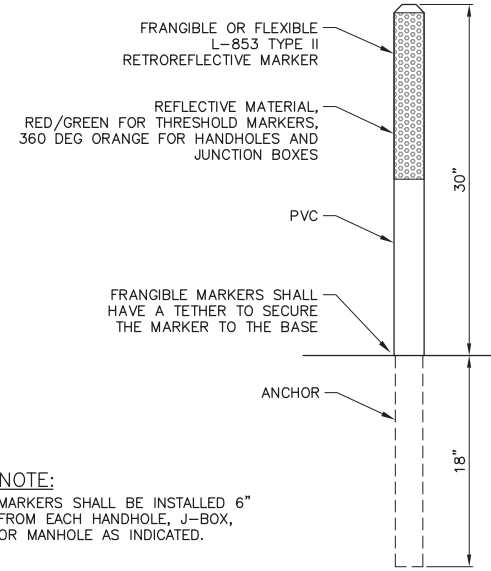
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 PROJECT No. SFAPT00099
 A.I.P. No. 3-02-0186-XXX-2019
RUNWAY 5-23
LIGHTING PLAN

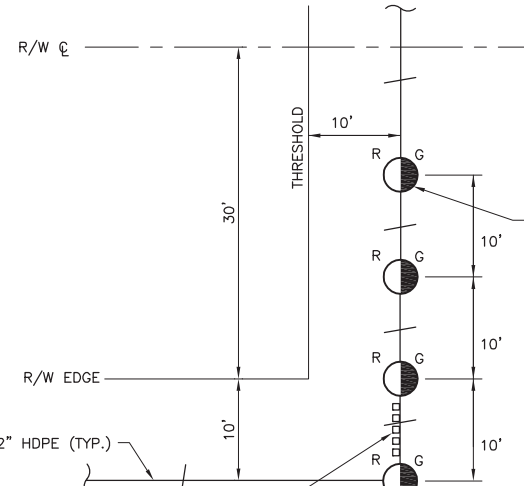
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 SHEET: U7 OF 40
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Date Revised: 4/10/2019, 9:59 AM
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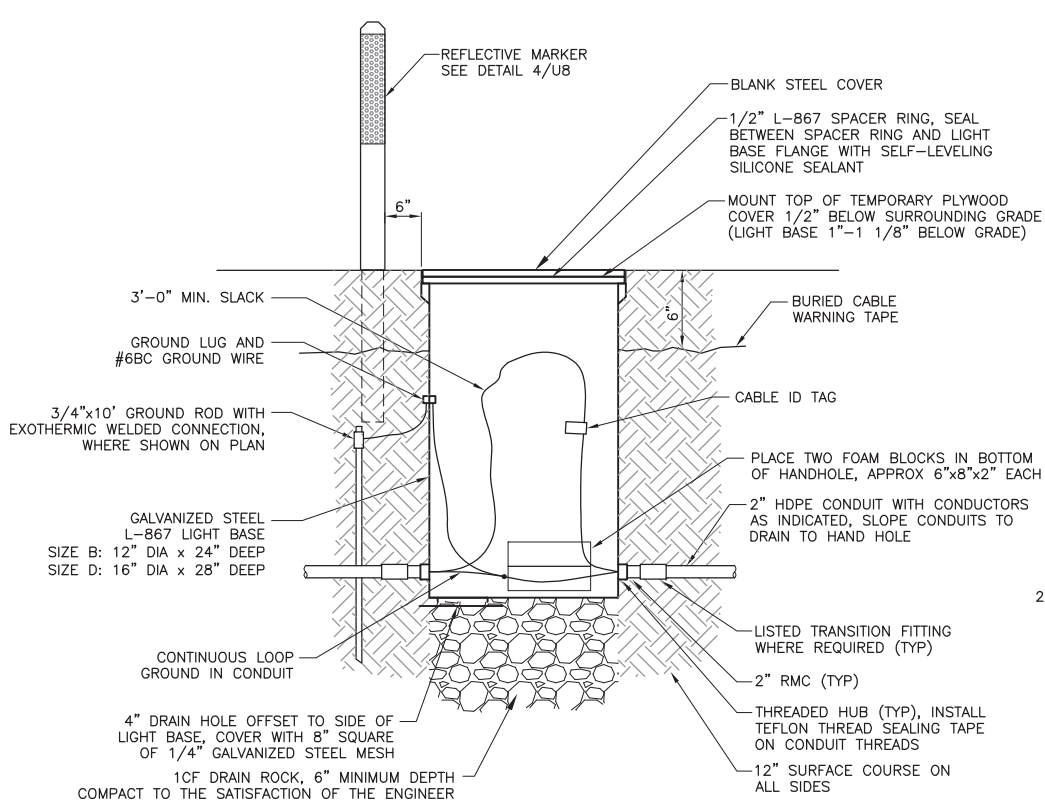
NOTE:
 MARKERS SHALL BE INSTALLED 6" FROM EACH HANDHOLE, J-BOX, OR MANHOLE AS INDICATED.

4 REFLECTIVE MARKER DETAIL
 SCALE: N.T.S.



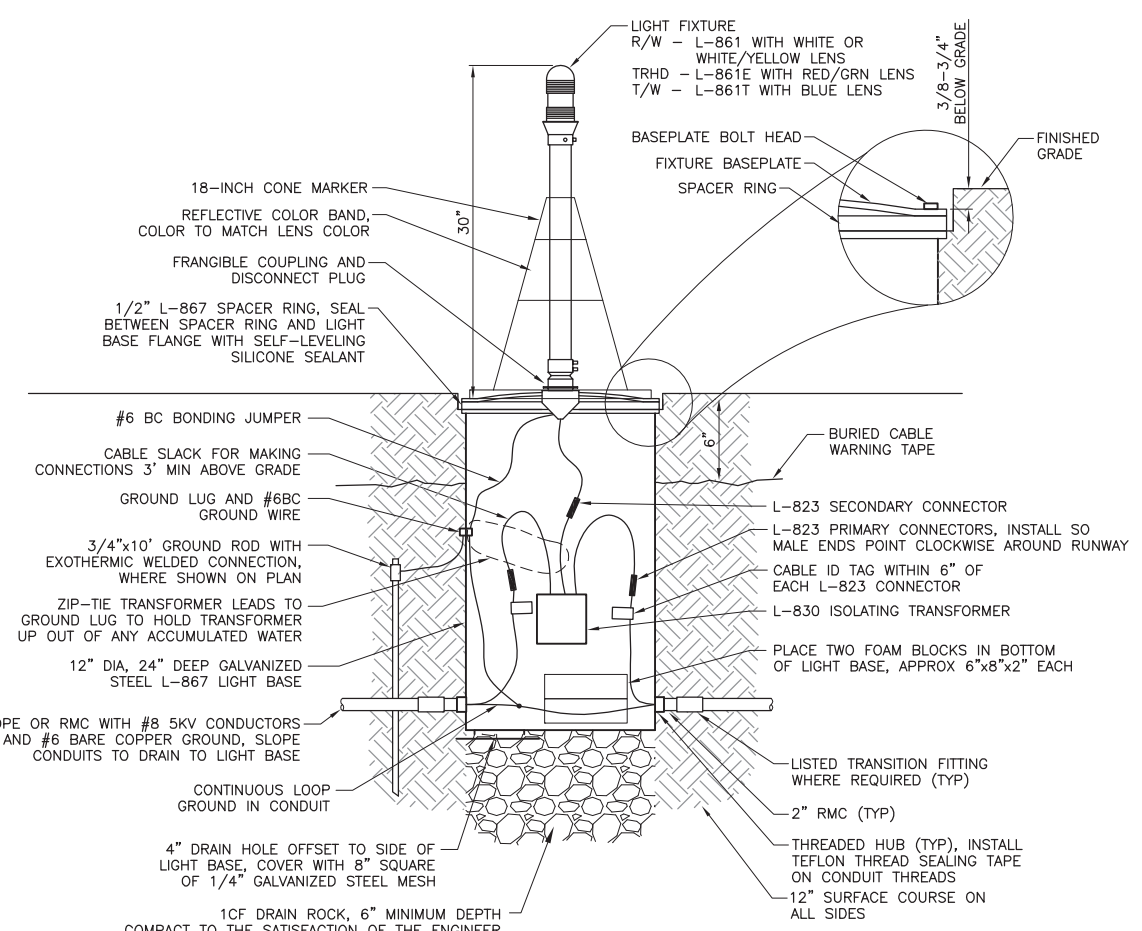
PROVIDE 5 TYPE II REFLECTIVE MARKERS (DETAIL 4/U8) EQUALLY SPACED 20 INCHES ON CENTER BETWEEN THE OUTSIDE TWO THRESHOLD LIGHTS, TYP OF 8 LOCATIONS

5 THRESHOLD LIGHTING DETAIL
 SCALE: N.T.S.



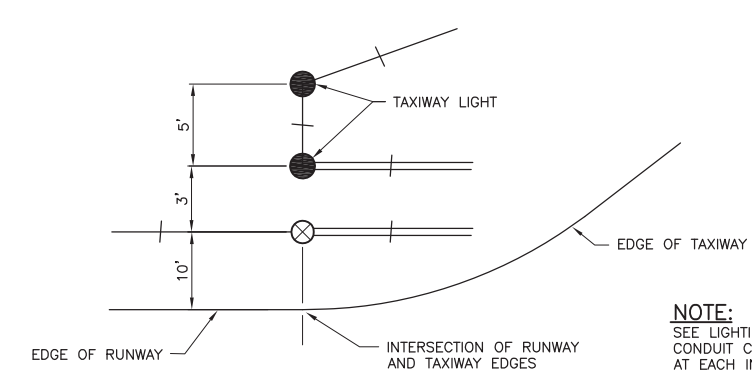
NOTE:
 CIRCUIT GROUND WIRE ROUTED IN CONDUIT SHALL BE CONTINUOUS THROUGH LIGHT BASE OR JOINED USING IRREVERSIBLE COMPRESSION CONNECTORS AND SHALL NOT RELY ON LIGHT BASE GROUND LUG FOR CONTINUITY

2 HANDHOLE DETAIL
 SCALE: N.T.S.



NOTE:
 CIRCUIT GROUND WIRE ROUTED IN CONDUIT SHALL BE CONTINUOUS THROUGH LIGHT BASE OR JOINED USING IRREVERSIBLE COMPRESSION CONNECTORS AND SHALL NOT RELY ON LIGHT BASE GROUND LUG FOR CONTINUITY

1 BASE MOUNTED LIGHT DETAIL
 SCALE: N.T.S.



NOTE:
 SEE LIGHTING PLAN FOR CONDUIT CONFIGURATION AT EACH INTERSECTION

3 TYPICAL TAXIWAY ENTRANCE LIGHTS
 SCALE: N.T.S.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Patrick R. [Signature]*, PE Date 1/21/21



NO.	DATE	REVISION

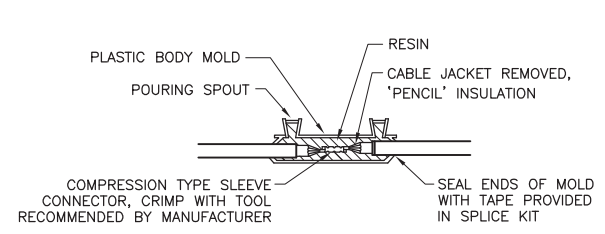
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 PROJECT No. SFAPT00099
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 LIGHTING DETAILS

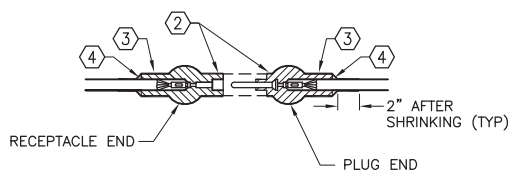
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TYPE A

FOR SPLICES IN HOMERUNS AND FOR EXTENSIONS TO EXISTING CABLES ONLY

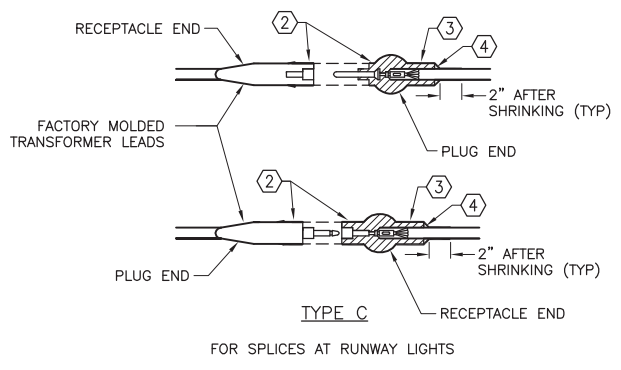


TYPE B

FOR SPLICES FOR USE AT JUNCTION OF HOMERUN WITH LOOP CIRCUIT

NOTES:

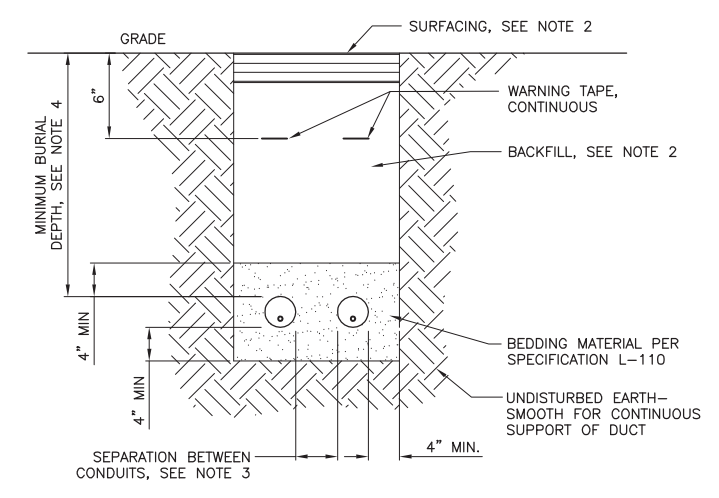
1. CABLE SHALL MEET SPECIFICATION L-824. INSIDE DIAMETER OF CONNECTOR SHALL PROPERLY MATCH THE OUTSIDE DIAMETER OF CABLE. CONNECTOR SHALL BE SUPPLIED TO MATCH CABLE PER MANUFACTURER'S INSTRUCTIONS.
2. WRAP WITH A MINIMUM OF ONE LAYER PLASTIC TAPE, ONE-HALF LAPPED, EXTENDING AT LEAST 1.5" ON EACH SIDE OF JOINT. COVER WITH HEAT SHRINK, SEE NOTE 3.
3. HEAT SHRINKABLE TUBING WITH INTERNAL ADHESIVE AT ENDS ONLY. CENTER PORTION AT SEPARABLE CONNECTOR POINT SHALL NOT HAVE INTERNAL ADHESIVE.
4. INSTALL ADDITIONAL ADHESIVE COMPOUND FILLER



TYPE C

FOR SPLICES AT RUNWAY LIGHTS

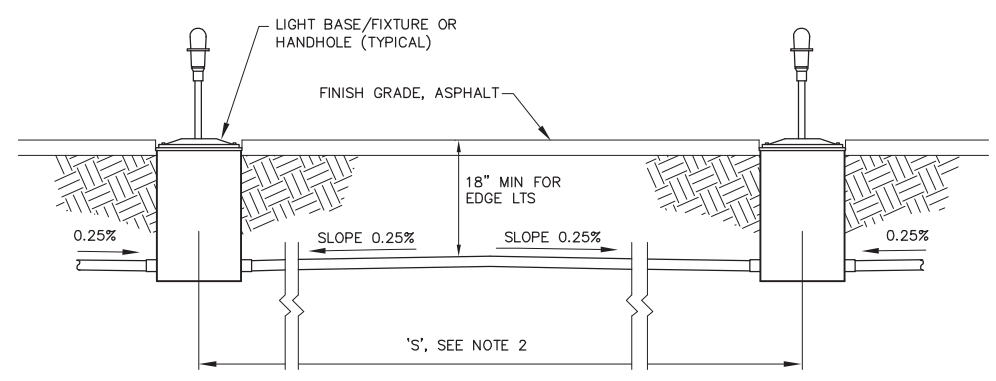
2 TYPICAL SPLICE DETAILS
U9 SCALE: N.T.S.



NOTES:

1. WIDTH OF TRENCH AND NUMBER OF CONDUITS PER TRENCH DETERMINED IN FIELD (2 SHOWN)
2. IN NEW PAVEMENT, SEE TYPICAL SECTIONS FOR SURFACING AND BACKFILL. IN EXISTING PAVEMENT, MATCH EXISTING SURFACING AND BACKFILL.
3. SEPARATION BETWEEN CONDUITS SHALL BE AS FOLLOWS:
 - CONDUITS OF SAME TYPE (POWER OR SIGNAL) UNDER SAME OWNERSHIP - 2" MIN
 - AIRPORT LIGHTING AND FAA NAVAID CONDUITS - 12" MIN
 - AIRPORT LIGHTING OR FAA NAVAID CONDUITS AND FAA POWER CONDUITS - 24" MIN
4. MINIMUM BURIAL DEPTH SHALL BE AS FOLLOWS:
 - AIRPORT LIGHTING CONDUITS - 18"
 - FAA NAVIGATION AID CONDUITS - 24"

1 TYPICAL CONDUIT TRENCH DETAIL
U9 SCALE: N.T.S.



NOTES:

1. CONDUIT SHALL BE INSTALLED WITH CROWN TO DRAIN TO LIGHT BASES AS SHOWN.
2. IF 'S' IS LESS THAN 20', OR IF 0.25% SLOPE CAN BE MAINTAINED IN ONE DIRECTION DUE TO SLOPE OF GRADE, LAY CONDUIT STRAIGHT WITHOUT CROWN BETWEEN BASES/HANDHOLES. DUE TO GRADE OF RUNWAY AND TAXIWAY, THIS CONDITION WILL BE PRESENT AT NUMEROUS LOCATIONS, SEE PROFILE SHEETS FOR GENERAL GRADES.

3 TYPICAL INTERCONNECTION DETAIL
U9 SCALE: N.T.S.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Robert J. [Signature]*, P.E. Date 1/21/21



NO.	DATE	REVISION

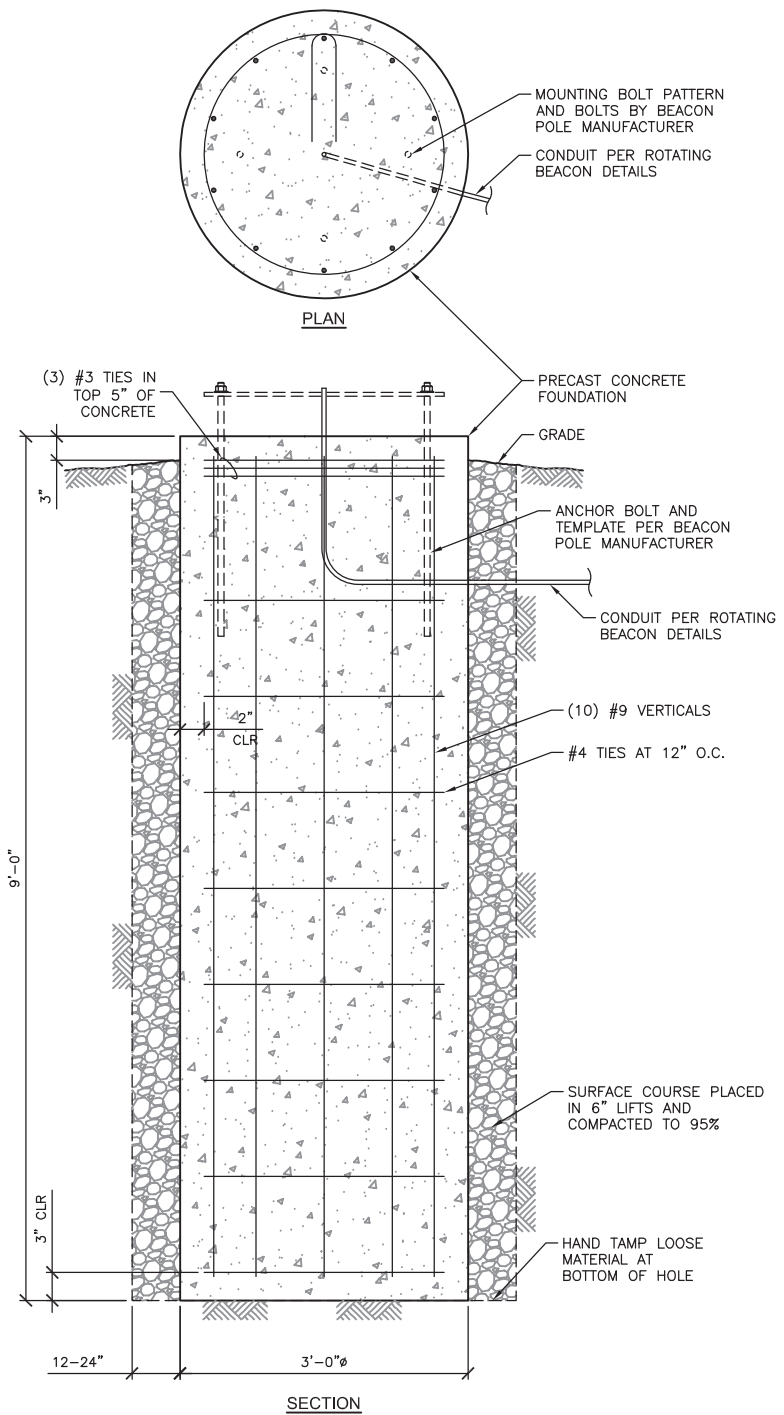
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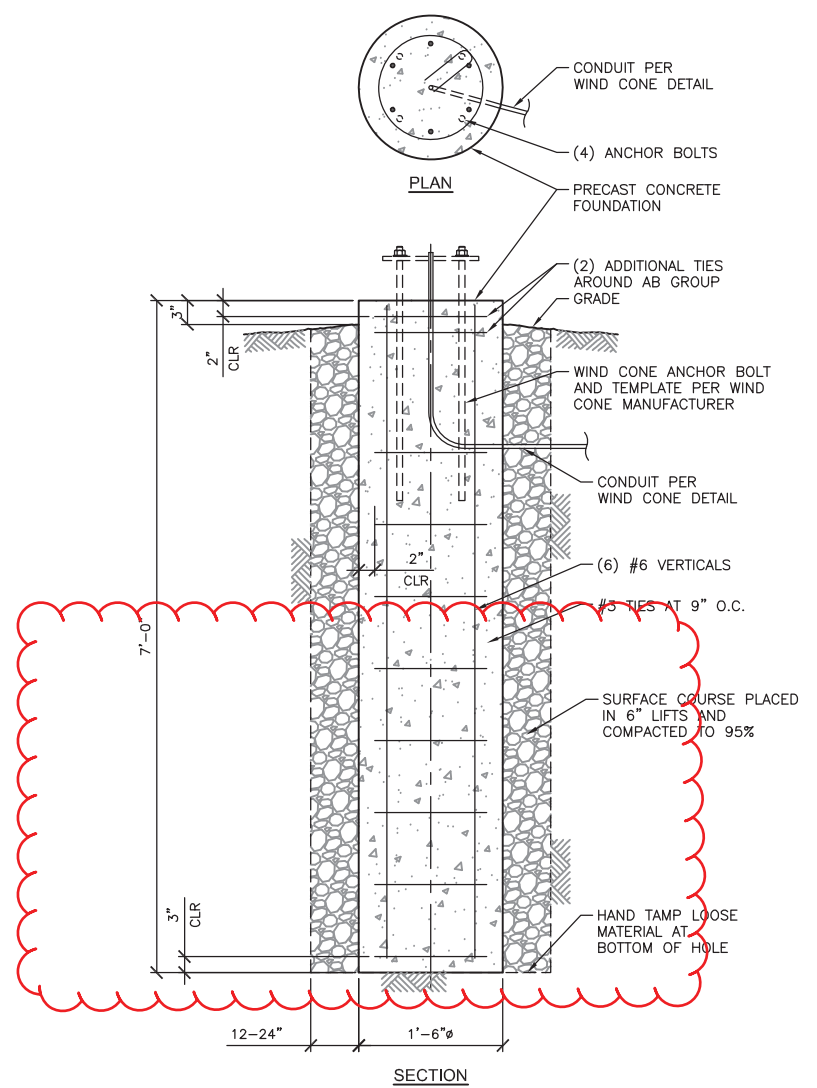
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 SOUTH NAKNEK, ALASKA
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 A.I.P. No. 3-02-0186-XXX-2019
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SHEET:	U9 OF 40
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 Checked By:



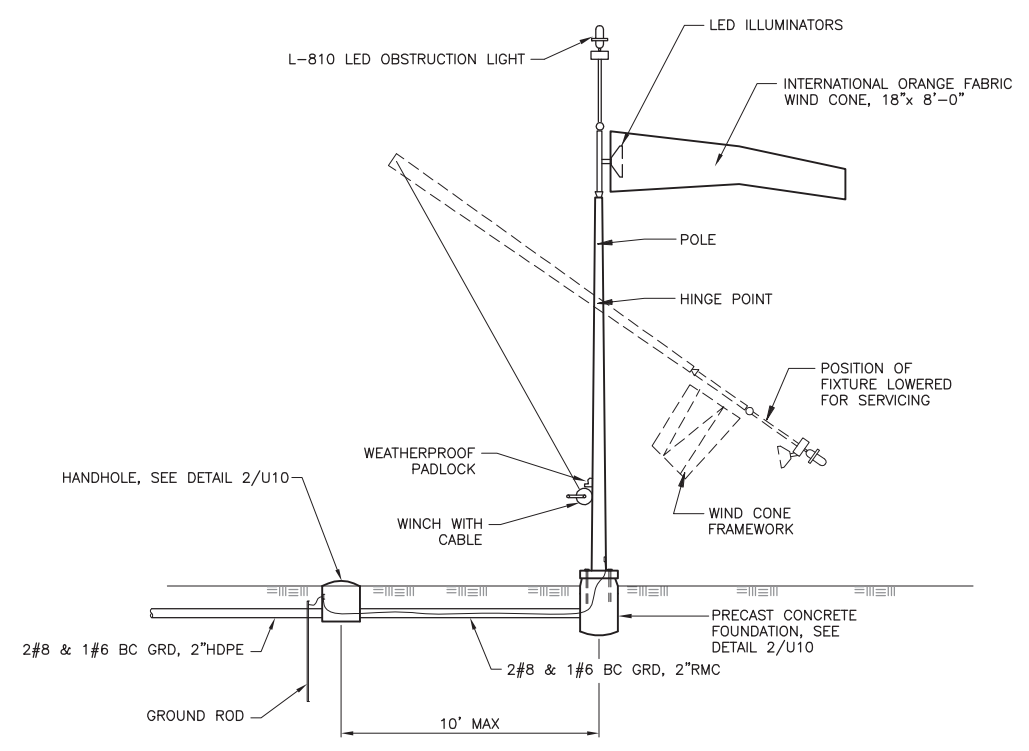
3 ROTATING BEACON POLE FOUNDATION
 U10 SCALE: N.T.S.



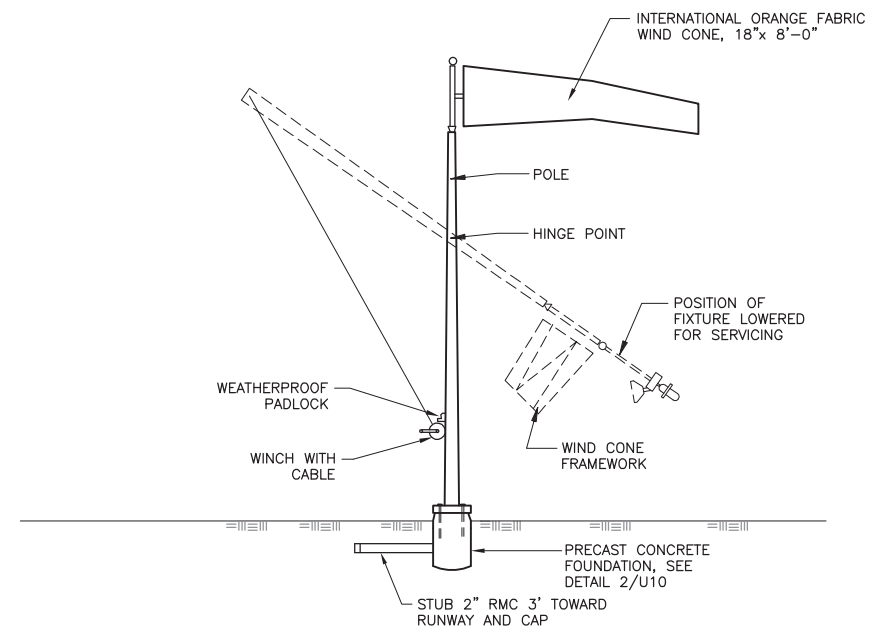
2 WIND CONE FOUNDATION DETAIL
 U10 SCALE: N.T.S.

NOTE: Standing water was encountered during installation of windcone base at Sta. 226+89, 293.7, RT. DOT staff was informed and replied that compaction of backfill below water surface was not required, reference RFI 19.

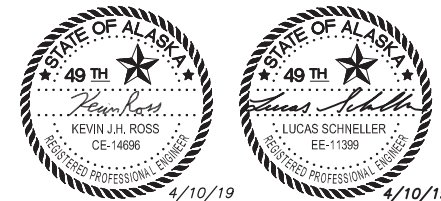
Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Patrick J. Ross*, P.E. Date 1/21/21



PRIMARY: FAA TYPE L-807, STYLE-IB, SIZE 1, 120V WITH LED LAMPS
1 L-807 PRIMARY WIND CONE DETAIL
 U10 SCALE: N.T.S.



SUPPLEMENTAL: FAA TYPE L-807, STYLE-II, SIZE 1, UNLIGHTED
4 L-807 SUPPLEMENTAL WIND CONE DETAIL
 U10 SCALE: N.T.S.



NO.	DATE	REVISION

DEVELOPED BY:
STANTEC CONSULTING SERVICES INC.
 725 EAST FIREWEED LANE, SUITE 200
 ANCHORAGE, AK 99503-2245
 907-276-4245
 CERTIFICATE OF AUTHORIZATION # 126386

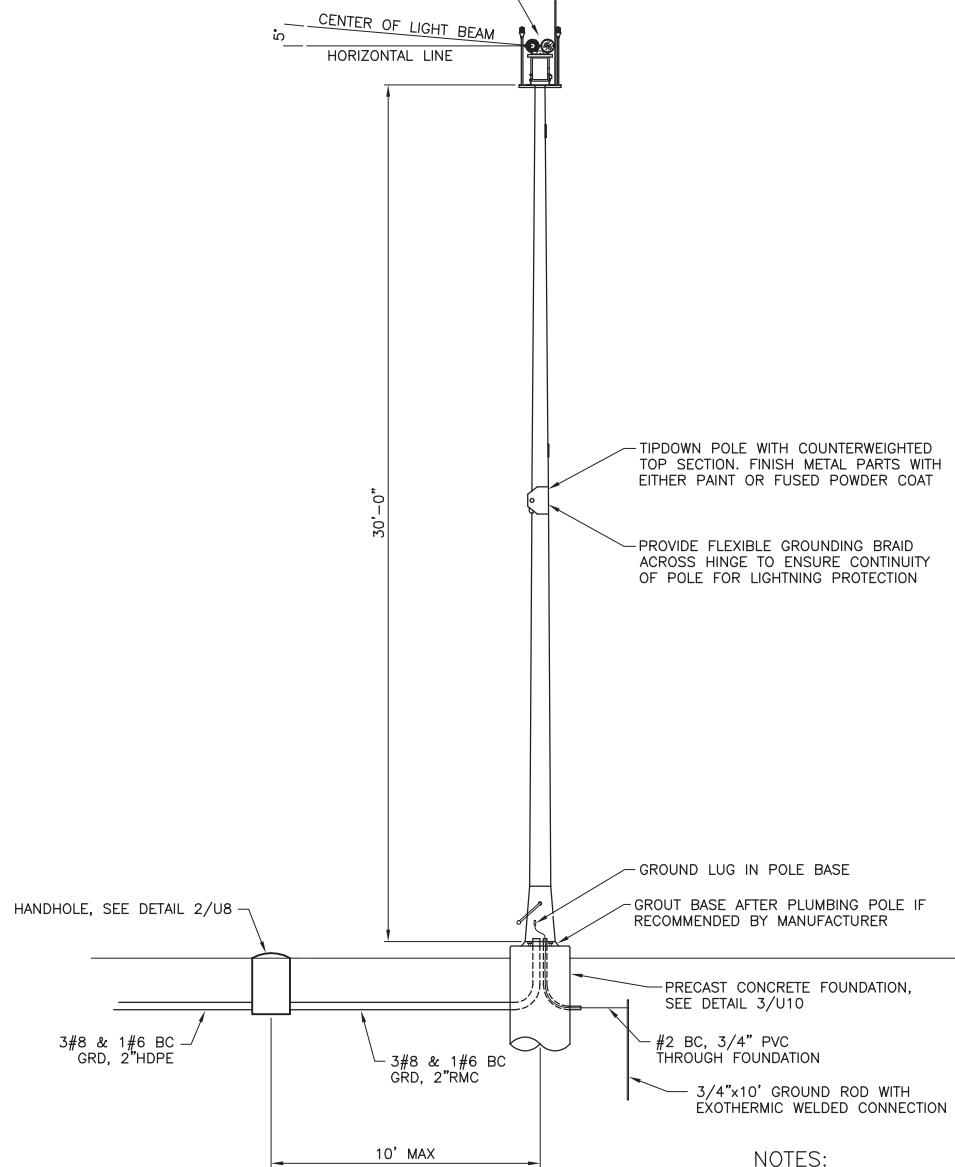
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES - SOUTHCOAST REGION
 6860 GLACIER HIGHWAY
 JUNEAU, ALASKA 99801
 907-465-1763

SOUTH NAKNEK AIRPORT
 SOUTH NAKNEK, ALASKA
 SOUTH NAKNEK RUNWAY RESURFACING
 PROJECT No. SFAPT00099
 A.I.P. No. 3-02-0186-XXX-2019
 LIGHTING DETAILS

DATE: APRIL 2019
 SHEET: **U10** OF 40
 AS-BUILT SHEET:

Date Revised: 4/10/2019, 9:59 AM
 Layout Name: E11
 File Path and Name: U:\2046071200\drawing\sheet\2046071200_EB-E15_details.dwg

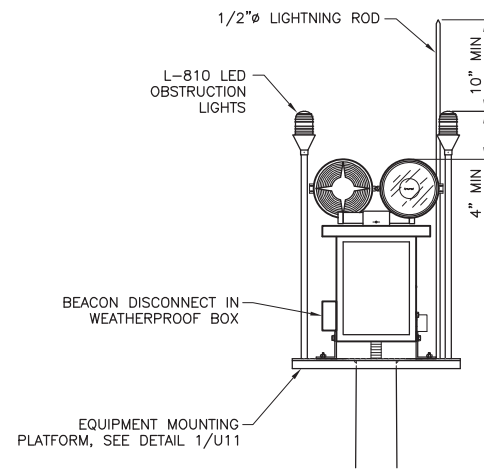
ROTATING BEACON, L-801A, CLASS II, WITH ONE
 WHITE AND ONE GREEN METAL HALIDE LAMP,
 PHOTOCELL CONTROLLED WITH TELLTALE RELAY,
 THERMOSTATICALLY CONTROLLED HEATER FOR MOVING
 PARTS ON SEPARATE CIRCUIT



3 BEACON POLE ASSEMBLY
 U11 SCALE: N.T.S.

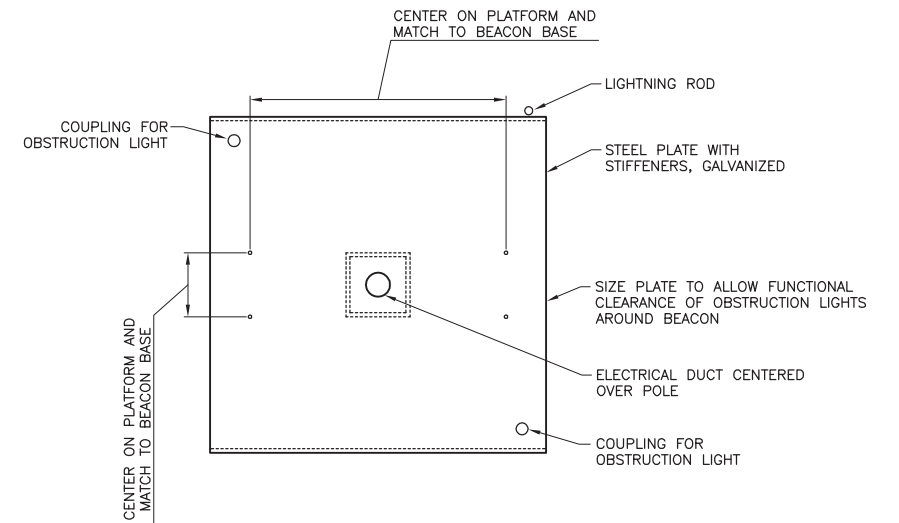
NOTES:

1. COMPONENTS AND ASSEMBLIES SHALL BE RATED FOR 120 MPH WINDS.
2. BEAM DEFLECTION AT 45 MPH SHALL BE LESS THAN 2 DEGREES.

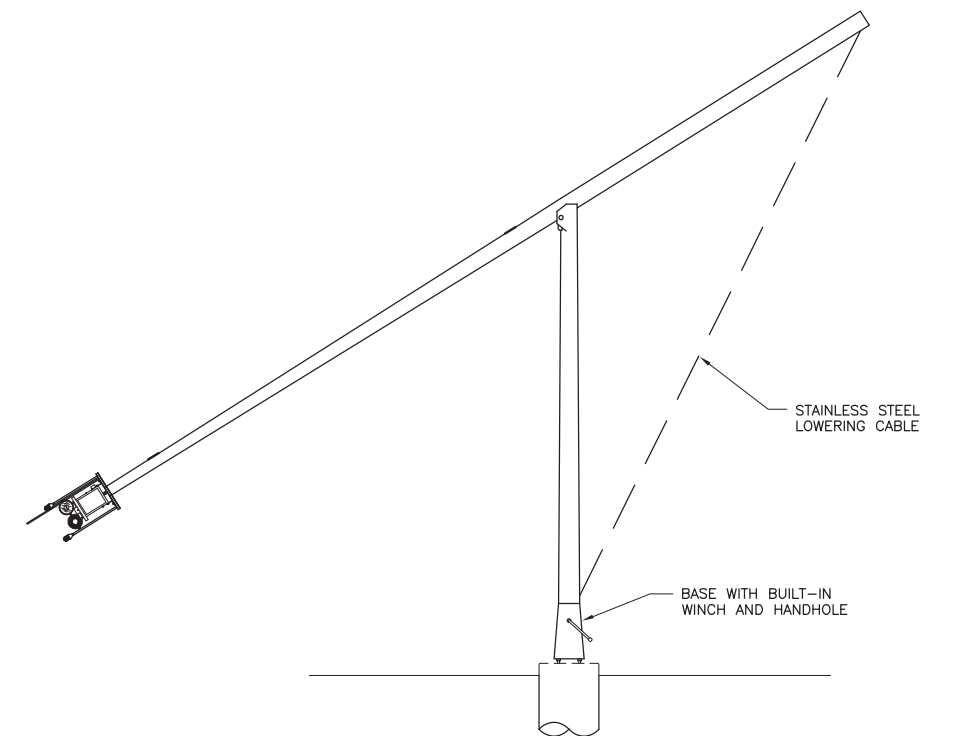


FRONT VIEW

2 BEACON ASSEMBLY DETAILS
 U11 SCALE: N.T.S.



1 EQUIPMENT MOUNTING PLATFORM DETAIL
 U11 SCALE: N.T.S.



4 BEACON POLE ASSEMBLY, SERVICE POSITION
 U11 SCALE: N.T.S.

Record Drawings have been reviewed
 by the Project Engineer, and represent
 to the best of my knowledge, the
 project as constructed.
 PE *Patrick J. [Signature]*, P.E. Date 1/21/21



NO.	DATE	REVISION

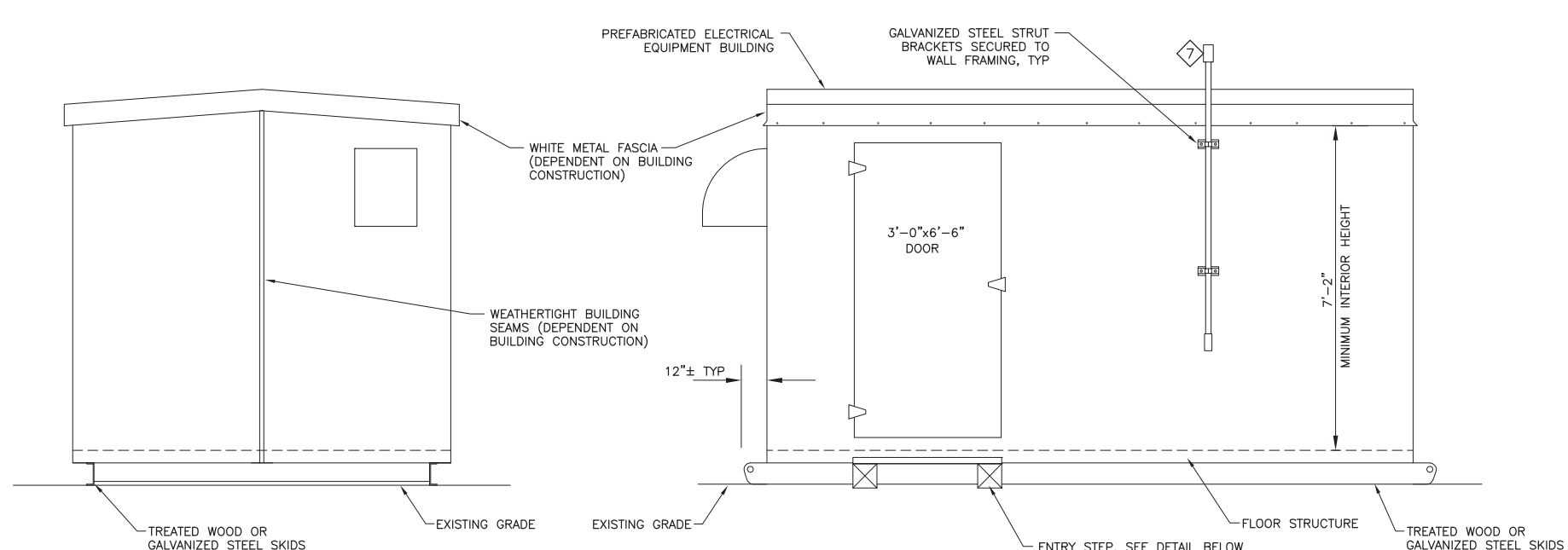
DEVELOPED BY:
STANTEC CONSULTING SERVICES INC.
 725 EAST FIREWEED LANE, SUITE 200
 ANCHORAGE, AK 99503-2245
 907-276-4245
 CERTIFICATE OF AUTHORIZATION # 126386

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES - SOUTHCOAST REGION
 6860 GLACIER HIGHWAY
 JUNEAU, ALASKA 99801
 907-465-1763

SOUTH NAKNEK AIRPORT
 SOUTH NAKNEK, ALASKA
 SOUTH NAKNEK RUNWAY RESURFACING
 PROJECT No. SFAPT00099
 A.I.P. No. 3-02-0186-XXX-2019
 ROTATING BEACON DETAILS

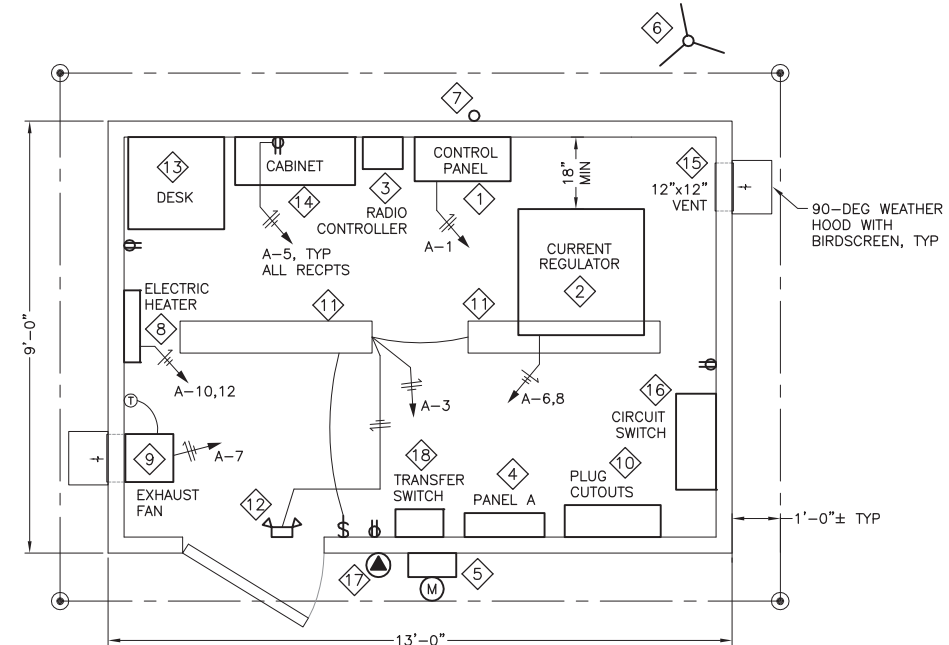
DATE: APRIL 2019
 SHEET: U11 OF 40
 AS-BUILT SHEET:

Date Received: 4/10/2019, 9:59 AM
 Layout Name: E12
 File Path and Name: U:\2046071200\drawing\sheet\2046071200_EB-E12_details.dwg



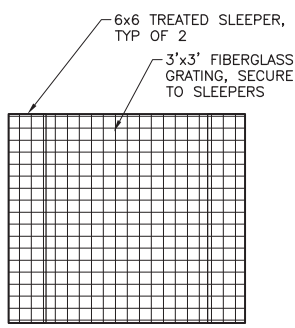
3 TYPICAL BUILDING END ELEVATION
 U12 SCALE: N.T.S.

2 TYPICAL BUILDING SIDE ELEVATION
 U12 SCALE: N.T.S.



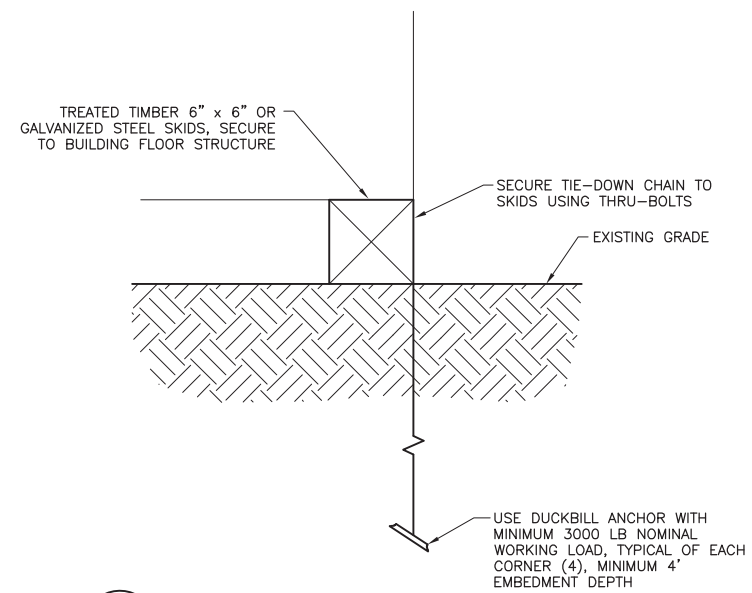
1 ELECTRICAL EQUIPMENT BUILDING PLAN
 U12 SCALE: N.T.S.

EQUIPMENT LIST		
NO.	DESCRIPTION	NOTES
1	LIGHTING CONTROL PANEL	SEE SPECIFICATION L-109 AND SHEET U14
2	7.5KW REGULATOR, 3-STEP 240V INPUT, 6.6A OUTPUT	FERRORESONANT TYPE WITH DIGITAL METER AND INTEGRAL SERIES CUTOFF
3	ADJUSTABLE FREQUENCY RADIO CONTROLLER	SET FREQUENCY TO CTAF: 122.9MHZ, RELAYS SHALL OPERATE CUMULATIVELY
4	PANELBOARD	BOLT-ON CIRCUIT BREAKERS, SEE PANEL SCHEDULE FOR ADDITIONAL INFORMATION
5	METER/MAIN	200A METER WITH TWO 100A/2-POLE MAIN BREAKERS, KILOWATT-HOUR METER PROVIDED BY UTILITY
6	RADIO ANTENNA	
7	PHOTOELECTRIC CONTROL	
8	2000W ELECTRIC HEATER	INTEGRAL 40-85 DEG F THERMOSTAT
9	EXHAUST FAN, 150CFM MINIMUM AT 0.2 IN WG	WITH BACKDRAFT DAMPER AND WALL-MOUNTED 40-85 DEG F THERMOSTAT
10	PLUG CUTOFF, 5KV	MOUNT TWO CUTOFFS IN 24x20x8 NEMA 1 ENCLOSURE WITH HINGED COVER
11	INTERIOR LIGHT FIXTURE	4000LM OUTPUT, FROSTED LENS, 120V
12	EMERGENCY LIGHT	
13	METAL WALL DESK 24"x23"x12"	MOUNT TOP OF DESK AT 36" AFF
14	LOCKABLE WALL CABINET 30"x12"x26"	
15	12"x12" RELIEF AIR VENT	WITH WEIGHTED DAMPER AND DUST FILTER
16	5KV CIRCUIT SELECTOR SWITCH, 2-CIRCUIT	
17	GENERATOR RECEPTACLE	100A, 3-POLE, 4-WIRE, REVERSE CONFIGURATION PIN AND SLEEVE RECEPTACLE, PROVIDE WITH MATING PLUG
18	TRANSFER SWITCH	100A, 2-POLE WITH SOLID NEUTRAL



5 ENTRY STEP DETAIL
 U12 SCALE: N.T.S.

NOTE:
 INSTALL STEP IN FRONT OF DOOR TO ELECTRICAL EQUIPMENT BUILDING. GRADE AREA AS REQUIRED TO PROVIDE LEVEL, STABLE STEP APPROXIMATELY 7" HIGH.



4 TIE-DOWN DETAIL
 U12 SCALE: N.T.S.

BUILDING PLAN LEGEND	
	DUPLEX RECEPTACLE
	SINGLE POLE SWITCH
	CEILING MOUNTED LIGHT FIXTURE
	EMERGENCY LIGHT WITH BATTERY BACKUP
	THERMOSTAT
	SEE EQUIPMENT LIST



NO.	DATE	REVISION

DEVELOPED BY:
STANTEC CONSULTING SERVICES INC.
 725 EAST FIREWEED LANE, SUITE 200
 ANCHORAGE, AK 99503-2245
 907-276-4245
CERTIFICATE OF AUTHORIZATION # 126386

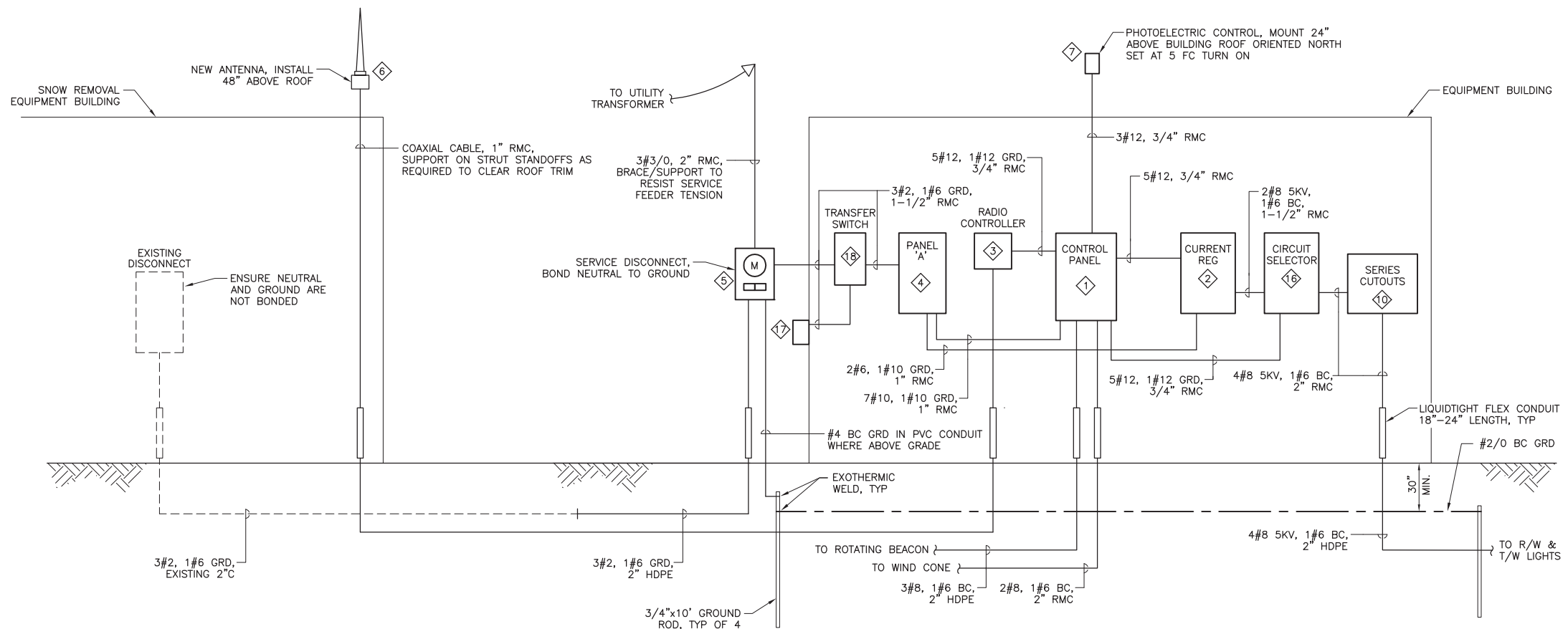
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES - SOUTHCOAST REGION
 6860 GLACIER HIGHWAY
 JUNEAU, ALASKA 99801
 907-465-1763

SOUTH NAKNEK AIRPORT
 SOUTH NAKNEK, ALASKA
 SOUTH NAKNEK RUNWAY RESURFACING
 PROJECT No. SFAPT00099
 A.I.P. No. 3-02-0186-XXX-2019
ELECTRICAL EQUIPMENT BUILDING DETAILS

DATE: APRIL 2019
 SHEET: U12 OF 40
 AS-BUILT SHEET:

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Patrick Hoff*, PE Date 1/21/21

Date Received: 4/10/2019, 9:59 AM
 Layout Name: E13
 File Path and Name: U:\2046071200\drawing\sheet\2046071200_EB-E13_details.dwg



ELECTRICAL EQUIPMENT BUILDING NOTES:

1. ALL BUILDING PENETRATIONS SHALL GO THROUGH THE FLOOR OR WALLS. WALL PENETRATIONS SHALL BE MADE BELOW THE LEVEL OF THE INTERIOR EQUIPMENT THEY SERVE.
2. NO PENETRATIONS SHALL BE MADE THROUGH THE ROOF.
3. ALL PENETRATIONS SHALL BE SEALED WEATHERTIGHT WITH SILICONE SEALANT.
4. IMC OR EMT MAY BE USED FOR CONDUIT SECTIONS LOCATED ENTIRELY INTERIOR TO THE EQUIPMENT BUILDING.
5. GROUND RING AND RODS ARE SUBSIDIARY TO EQUIPMENT BUILDING INSTALLATION.

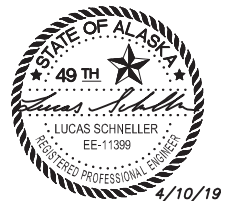
1 ONE-LINE DIAGRAM
 U13 SCALE: N.T.S.

EQUIPMENT LIST		
NO.	DESCRIPTION	NOTES
1	LIGHTING CONTROL PANEL	SEE SPECIFICATION L-109 AND SHEET U14
2	7.5KW REGULATOR, 3-STEP 240V INPUT, 6.6A OUTPUT	FERRORESONANT TYPE WITH DIGITAL METER AND INTEGRAL SERIES CUTOUP
3	ADJUSTABLE FREQUENCY RADIO CONTROLLER	SET FREQUENCY TO CTAF: 122.9MHZ, RELAYS SHALL OPERATE CUMULATIVELY
4	PANELBOARD	BOLT-ON CIRCUIT BREAKERS, SEE PANEL SCHEDULE FOR ADDITIONAL INFORMATION
5	METER/MAIN	200A METER WITH TWO 100A/2-POLE MAIN BREAKERS, KILOWATT-HOUR METER PROVIDED BY UTILITY
6	RADIO ANTENNA	
7	PHOTOELECTRIC CONTROL	
8	2000W ELECTRIC HEATER	INTEGRAL 40-85 DEG F THERMOSTAT
9	EXHAUST FAN, 150CFM MINIMUM AT 0.2 IN WG	WITH BACKDRAFT DAMPER AND WALL-MOUNTED 40-85 DEG F THERMOSTAT
10	PLUG CUTOUP, 5KV	MOUNT TWO CUTOUPS IN 24x20x8 NEMA 1 ENCLOSURE WITH HINGED COVER
11	INTERIOR LIGHT FIXTURE	4000LM OUTPUT, FROSTED LENS, 120V
12	EMERGENCY LIGHT	
13	METAL WALL DESK 24"x23"x12"	MOUNT TOP OF DESK AT 36" AFF
14	LOCKABLE WALL CABINET 30"x12"x26"	
15	12"x12" RELIEF AIR VENT	WITH WEIGHTED DAMPER AND DUST FILTER
16	5KV CIRCUIT SELECTOR SWITCH, 2-CIRCUIT	
17	GENERATOR RECEPTACLE	100A, 3-POLE, 4-WIRE, REVERSE CONFIGURATION PIN AND SLEEVE RECEPTACLE, PROVIDE WITH MATING PLUG
18	TRANSFER SWITCH	100A, 2-POLE WITH SOLID NEUTRAL

PANEL 'A'									
CKT	LOAD	BRANCH		CONN KVA		BRANCH		LOAD	CKT
		BKR	VA	A	B	VA	BKR		
1	LIGHTING CONTROL PANEL	20/1	600	1.1		470	20/2	ROTATING BEACON	2
3	ENCLOSURE LIGHTS	20/1	139		0.5	400		BEACON STRIP HEATER	4
5	RECEPTACLES - SEE NOTE 1	20/1	540	5.7		5160	60/2	7.5KW REGULATOR	6
7	EXHAUST FAN	20/1	75		5.2	5160		SEE NOTE 2	8
9				1.0		1000	20/2	ELECTRIC HEATER	10
11					1.0	1000			12
13				0.1		64	20/1	WIND CONE	14
15					0.0				16
17					0.0				18
19					0.0				20
21					0.0				22
23					0.0				24
25					0.0				26
27					0.0				28
29					0.0				30
CONNECTED LOAD		14.6 KVA		7.8	6.8	PANEL SPECIFICATIONS			
NEC DEMAND		17.5 KVA		61	56	MAINS RATING AMPERS - 100			
		73 AMPS		MAIN CIRCUIT BREAKER AMPERES - MLO					
				CAPACITY ONE-POLE CIRCUITS - 30					
				SYSTEM VOLTAGE - 240/120					
				PHASE, NO. OF WIRES - 1 PH, 3 W					
				AIC RATING - 10,000					
				MOUNTING - SURFACE					
PANEL NOTES									
1. GFI CIRCUIT BREAKER									
2. MAXIMUM INPUT LOAD SHOWN. ACTUAL LOAD WILL BE LESS.									

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

PE *Patrick J. Pfeiffer, P.E.* Date 1/21/21



NO.	DATE	REVISION

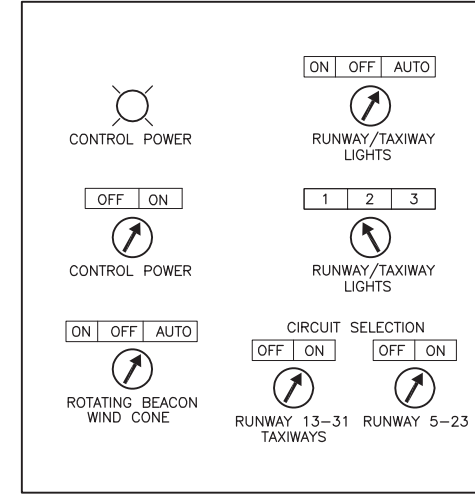
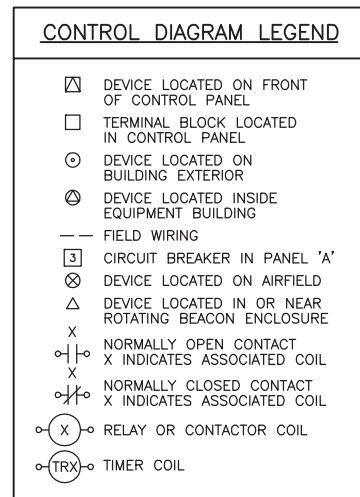
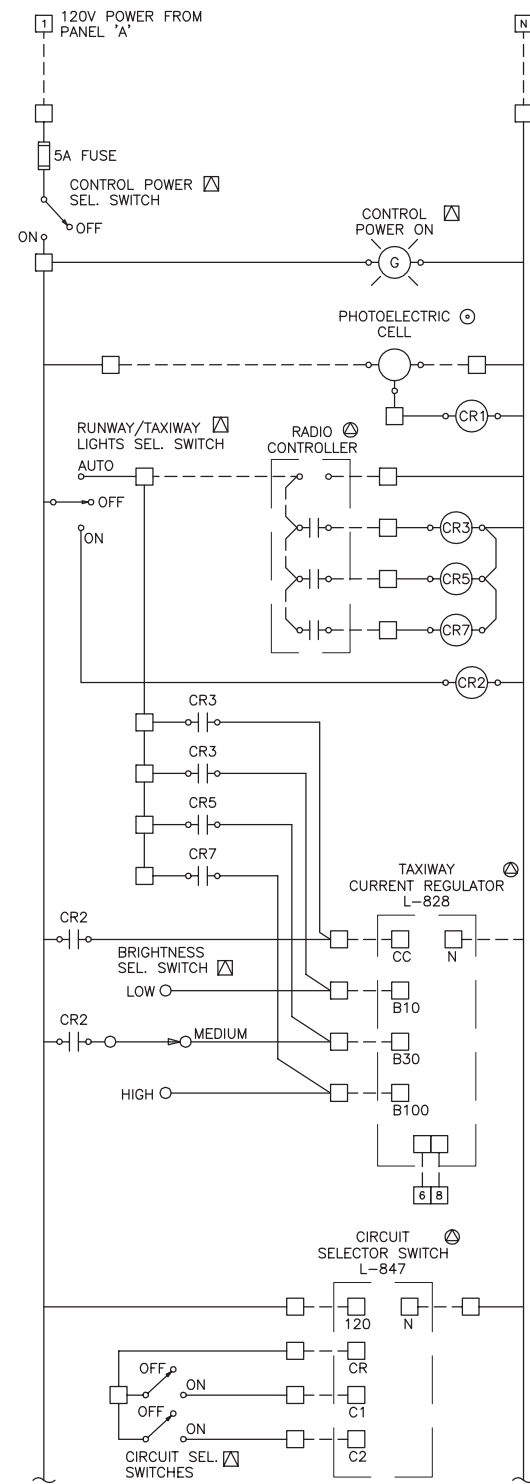
DEVELOPED BY:
STANTEC CONSULTING SERVICES INC.
 725 EAST FIREWEED LANE, SUITE 200
 ANCHORAGE, AK 99503-2245
 907-276-4245
 CERTIFICATE OF AUTHORIZATION # 126386

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES - SOUTHCOAST REGION
 6860 GLACIER HIGHWAY
 JUNEAU, ALASKA 99801
 907-465-1763

SOUTH NAKNEK AIRPORT
 SOUTH NAKNEK, ALASKA
 SOUTH NAKNEK RUNWAY RESURFACING
 PROJECT No. SFAPT00099
 A.I.P. No. 3-02-0186-XXX-2019
 ELECTRICAL EQUIPMENT
 BUILDING DETAILS

DATE: APRIL 2019
 SHEET: U13 OF 40
 AS-BUILT SHEET:

Date Revised: 4/10/2019, 9:59 AM
 Layout Name: E14
 File Path and Name: U:\2014\2017\Drawings\Drawings\2046071200_EB-E15_details.dwg



CONTROL SEQUENCE DESCRIPTION

RUNWAY & TAXIWAY LIGHTS

ON - LIGHTS ON AT BRIGHTNESS SET BY MANUAL BRIGHTNESS SWITCH

OFF - LIGHTS OFF

AUTO - RADIO CONTROLLER ENABLED
 3 CLICKS OF MIC TURNS ON RW/TW LIGHTS AT STEP 1,
 2 ADDITIONAL CLICKS OF MIC TURNS RW/TW LIGHTS TO STEP 2,
 2 ADDITIONAL CLICKS OF MIC TURNS RW/TW LIGHTS TO STEP 3,
 LIGHTS REMAIN ON FOR 15 MINUTES AFTER LAST CLICK

INDIVIDUAL CIRCUIT SELECTOR SWITCHES ENABLE OR DISABLE ASSOCIATED CIRCUITS

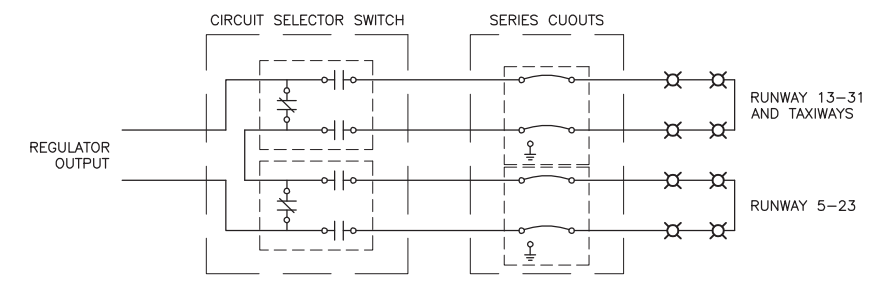
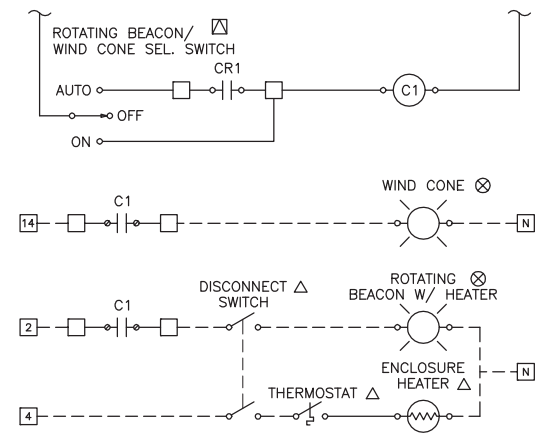
ROTATING BEACON/WIND CONE

ON - BEACON ON

OFF - BEACON OFF

AUTO - PHOTOELECTRIC CONTROL ENABLED

1 CONTROL PANEL DETAIL
 U14 SCALE: N.T.S.



3 SERIES LIGHTING CIRCUIT DIAGRAM
 U14 SCALE: N.T.S.

2 CONTROL PANEL LADDER DIAGRAM
 U14 SCALE: N.T.S.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Patrick R. Pfeiffer, P.E.* Date 1/21/21



NO.	DATE	REVISION

DEVELOPED BY:
STANTEC CONSULTING SERVICES INC.
 725 EAST FIREWEED LANE, SUITE 200
 ANCHORAGE, AK 99503-2245
 907-276-4245
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SOUTH NAKNEK AIRPORT
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 PROJECT No. SFAPT00099
 A.I.P. No. 3-02-0186-XXX-2019
CONTROL PANEL DETAILS

DATE: APRIL 2019
 SHEET: **U14** OF **40**
 AS-BUILT SHEET:

Date Revised: 4/10/2019, 9:59 AM
 Layout Name: Layout1
 File Path and Name: U:\2046071200\drawing\sheet\2046071200_E16_schedules.dwg
 Designed By:
 Drawn By:
 Checked By:

RUNWAY EDGE LIGHT SCHEDULE							
NUM	LENS COLOR	TYPE	WATTAGE LAMP	WATTAGE XFMR	STATION	OFFSET	REMARKS
R1	G/R	L-861E	45W	30/45	STA:102+24.0	40.0	
R2	G/R	L-861E	45W	30/45	STA:102+24.0	30.0	
R3	G/R	L-861E	45W	30/45	STA:102+24.0	20.0	
R4	G/R	L-861E	45W	30/45	STA:102+24.0	10.0	
R5	G/R	L-861E	45W	30/45	STA:102+24.0	-10.0	
R6	G/R	L-861E	45W	30/45	STA:102+24.0	-20.0	
R7	G/R	L-861E	45W	30/45	STA:102+24.0	-30.0	
R8	G/R	L-861E	45W	30/45	STA:102+24.0	-40.0	
R9	W/Y	L-861E	45W	30/45	STA:104+08.9	-40.0	
R10	W/Y	L-861E	45W	30/45	STA:105+93.7	-40.0	
R11	W/Y	L-861E	45W	30/45	STA:107+78.6	-40.0	
R12	W/Y	L-861E	45W	30/45	STA:109+63.5	-40.0	
R13	W/Y	L-861E	45W	30/45	STA:111+48.3	-40.0	
R14	W/Y	L-861E	45W	30/45	STA:113+33.2	-40.0	
R15	W/Y	L-861E	45W	30/45	STA:115+18.1	-40.0	
R16	Y/W	L-861E	45W	30/45	STA:117+02.9	-40.0	
R17	Y/W	L-861E	45W	30/45	STA:118+87.8	-40.0	
R18	Y/W	L-861E	45W	30/45	STA:120+72.7	-40.0	
R19	Y/W	L-861E	45W	30/45	STA:122+57.5	-40.0	
R20	Y/W	L-861E	45W	30/45	STA:124+42.4	-40.0	
R21	Y/W	L-861E	45W	30/45	STA:126+27.3	-40.0	
R22	Y/W	L-861E	45W	30/45	STA:128+12.1	-40.0	
R23	R/G	L-861E	45W	30/45	STA:129+97.0	-40.0	
R24	R/G	L-861E	45W	30/45	STA:129+97.0	-30.0	
R25	R/G	L-861E	45W	30/45	STA:129+97.0	-20.0	
R26	R/G	L-861E	45W	30/45	STA:129+97.0	-10.0	
R27	R/G	L-861E	45W	30/45	STA:129+97.0	10.0	
R28	R/G	L-861E	45W	30/45	STA:129+97.0	20.0	
R29	R/G	L-861E	45W	30/45	STA:129+97.0	30.0	
R30	R/G	L-861E	45W	30/45	STA:129+97.0	40.0	
R31	Y/W	L-861E	45W	30/45	STA:128+12.1	40.0	
R32	Y/W	L-861E	45W	30/45	STA:126+27.3	40.0	
R33	Y/W	L-861E	45W	30/45	STA:124+42.4	40.0	
R34	Y/W	L-861E	45W	30/45	STA:122+57.5	40.0	
R35	Y/W	L-861E	45W	30/45	STA:120+72.7	40.0	
R36	Y/W	L-861E	45W	30/45	STA:118+87.8	40.0	
R37	Y/W	L-861E	45W	30/45	STA:117+02.9	40.0	
R38	W/Y	L-861E	45W	30/45	STA:115+18.1	40.0	
R39	W/Y	L-861E	45W	30/45	STA:113+33.2	40.0	
R40	W/Y	L-861E	45W	30/45	STA:111+48.3	40.0	

RUNWAY EDGE LIGHT SCHEDULE							
NUM	LENS COLOR	TYPE	WATTAGE LAMP	WATTAGE XFMR	STATION	OFFSET	REMARKS
R41	W/Y	L-861E	45W	30/45	STA:109+63.5	40.0	
R42	W/Y	L-861E	45W	30/45	STA:107+78.6	40.0	
R43	W/Y	L-861E	45W	30/45	STA:104+08.9	40.0	
R44	G/R	L-861E	45W	30/45	STA:202+19.0	40.0	
R45	G/R	L-861E	45W	30/45	STA:202+19.0	30.0	
R46	G/R	L-861E	45W	30/45	STA:202+19.0	20.0	
R47	G/R	L-861E	45W	30/45	STA:202+19.0	-20.0	
R48	G/R	L-861E	45W	30/45	STA:202+19.0	-30.0	
R49	G/R	L-861E	45W	30/45	STA:202+19.0	-40.0	
R50	W	L-861	45W	30/45	STA:204+09.2	-40.0	
R51	W	L-861	45W	30/45	STA:205+99.5	-40.0	
R52	W	L-861	45W	30/45	STA:207+89.7	-40.0	
R53	W	L-861	45W	30/45	STA:209+80.0	-40.0	
R54	W	L-861	45W	30/45	STA:211+70.2	-40.0	
R55	W	L-861	45W	30/45	STA:213+60.5	-40.0	
R56	W	L-861	45W	30/45	STA:215+50.7	-40.0	
R57	W	L-861	45W	30/45	STA:217+41.0	-40.0	
R58	W	L-861	45W	30/45	STA:219+31.2	-40.0	
R59	W	L-861	45W	30/45	STA:221+21.5	-40.0	
R60	W	L-861	45W	30/45	STA:223+11.7	-40.0	
R61	R/G	L-861E	45W	30/45	STA:225+02.0	-40.0	
R62	R/G	L-861E	45W	30/45	STA:225+02.0	-30.0	
R63	R/G	L-861E	45W	30/45	STA:225+02.0	-20.0	
R64	R/G	L-861E	45W	30/45	STA:225+02.0	20.0	
R65	R/G	L-861E	45W	30/45	STA:225+02.0	30.0	
R66	R/G	L-861E	45W	30/45	STA:225+02.0	40.0	
R67	W	L-861	45W	30/45	STA:223+11.7	40.0	
R68	W	L-861	45W	30/45	STA:221+21.5	40.0	
R69	W	L-861	45W	30/45	STA:219+31.2	40.0	
R70	W	L-861	45W	30/45	STA:217+41.0	40.0	
R71	W	L-861	45W	30/45	STA:215+50.7	40.0	
R72	W	L-861	45W	30/45	STA:213+60.5	40.0	
R73	W	L-861	45W	30/45	STA:211+70.2	40.0	
R74	W	L-861	45W	30/45	STA:209+80.0	40.0	
R75	W	L-861	45W	30/45	STA:207+89.7	40.0	
R76	W	L-861	45W	30/45	STA:205+99.5	40.0	
R77	W	L-861	45W	30/45	STA:204+09.2	40.0	

TAXIWAY EDGE LIGHT SCHEDULE							
NUM	LENS COLOR	TYPE	WATTAGE LAMP	WATTAGE XFMR	STATION	OFFSET	REMARKS
T1	B	L-861T	30W	30/45	STA:103+03.6	-43.0	
T2	B	L-861T	30W	30/45	STA:103+03.6	-48.0	
T3	B	L-861T	30W	30/45	STA:103+07.5	-67.6	
T4	B	L-861T	30W	30/45	STA:103+11.5	-92.3	
T5	B	L-861T	30W	30/45	STA:103+11.5	-125.0	
T6	B	L-861T	30W	30/45	STA:103+11.5	-157.7	
T7	B	L-861T	30W	30/45	STA:103+04.3	-202.8	
T8	B	L-861T	30W	30/45	STA:102+59.2	-210.0	
T9	B	L-861T	30W	30/45	STA:103+64.4	-43.0	
T10	B	L-861T	30W	30/45	STA:103+64.4	-48.0	
T11	B	L-861T	30W	30/45	STA:103+60.5	-67.6	
T12	B	L-861T	30W	30/45	STA:103+56.5	-92.3	
T13	B	L-861T	30W	30/45	STA:103+56.5	-125.0	
T14	B	L-861T	30W	30/45	STA:103+56.5	-157.7	
T15	B	L-861T	30W	30/45	STA:103+63.7	-202.8	
T16	B	L-861T	30W	30/45	STA:104+08.8	-210.0	
T17	B	L-861T	30W	30/45	STA:208+76.5	-212.9	
T18	B	L-861T	30W	30/45	STA:208+76.5	-185.1	
T19	B	L-861T	30W	30/45	STA:208+76.5	-157.2	
T20	B	L-861T	30W	30/45	STA:208+76.5	-124.8	
T21	B	L-861T	30W	30/45	STA:208+76.5	-92.3	
T22	B	L-861T	30W	30/45	STA:208+72.5	-67.6	
T23	B	L-861T	30W	30/45	STA:208+68.6	-48.0	
T24	B	L-861T	30W	30/45	STA:208+68.6	-43.0	
T25	B	L-861T	30W	30/45	STA:209+29.4	-43.0	
T26	B	L-861T	30W	30/45	STA:209+29.4	-48.0	
T27	B	L-861T	30W	30/45	STA:209+25.5	-67.6	
T28	B	L-861T	30W	30/45	STA:209+21.5	-92.3	
T29	B	L-861T	30W	30/45	STA:209+21.5	-124.8	
T30	B	L-861T	30W	30/45	STA:209+21.5	-157.2	
T31	B	L-861T	30W	30/45	STA:209+28.0	-202.6	
T32	B	L-861T	30W	30/45	STA:209+71.1	-218.4	
T33	B	L-861T	30W	30/45	STA:210+17.2	-228.3	
T34	B	L-861T	30W	30/45	STA:210+63.4	-238.1	

HANDHOLE SCHEDULE					
NUM	TYPE	SIZE	STATION	OFFSET	REMARKS
HH1	I	B	STA: 100+45.9	-481.5	
HH2	I	B	STA: 100+68.3	-393.3	
HH3	I	B	STA: 100+41.5	-481.5	
HH4	I	B	STA: 100+41.5	-210.0	
HH5	I	B	STA: 102+49.7	-210.0	
HH6	I	B	STA: 208+71.5	-212.4	
HH7	I	B	STA: 208+63.0	-40.0	
HH8	I	B	STA: 100+30.1	-523.3	



NO.	DATE	REVISION

DEVELOPED BY:
STANTEC CONSULTING SERVICES INC.
 725 EAST FIREWEED LANE, SUITE 200
 ANCHORAGE, AK 99503-2245
 907-276-4245
 CERTIFICATE OF AUTHORIZATION # 126386

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES - SOUTHCOAST REGION
 6860 GLACIER HIGHWAY
 JUNEAU, ALASKA 99801
 907-465-1763

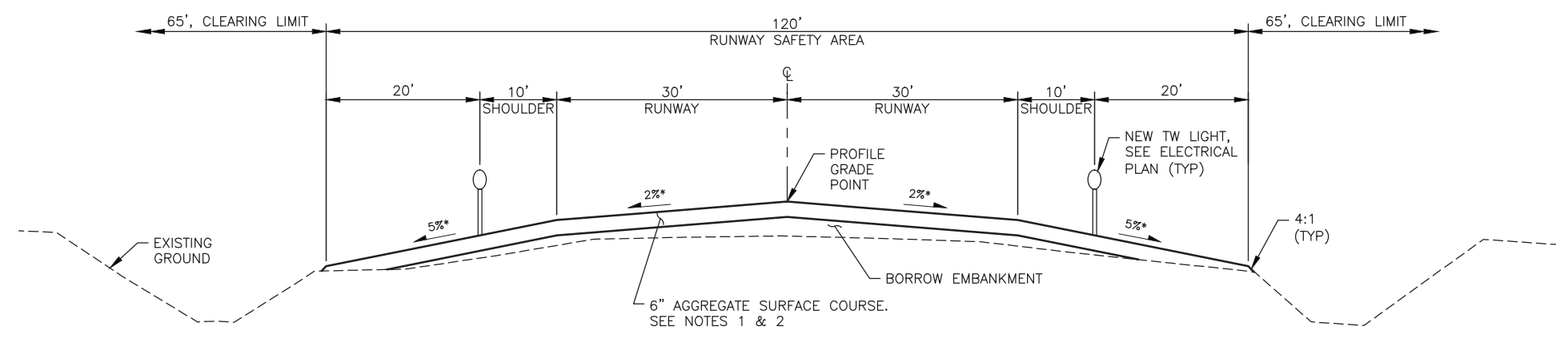
SOUTH NAKNEK AIRPORT
 SOUTH NAKNEK, ALASKA
 SOUTH NAKNEK RUNWAY RESURFACING
 PROJECT No. SFAPT00099
 A.I.P. No. 3-02-0186-XXX-2019
 SCHEDULES

DATE: APRIL 2019
 SHEET: U15 OF 40
 AS-BUILT SHEET:

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

PE *Patrick Ruff*, P.E. Date 1/21/21

Date Received: 6/16/2020, 11:47 AM
 Layout Name: B1
 File Path and Name: G:\WSN\SFAP\00099\Plan\B1_Typical_Sections.dwg
 Designed By: LYG
 Drawn By: TDF
 Checked By: TDF



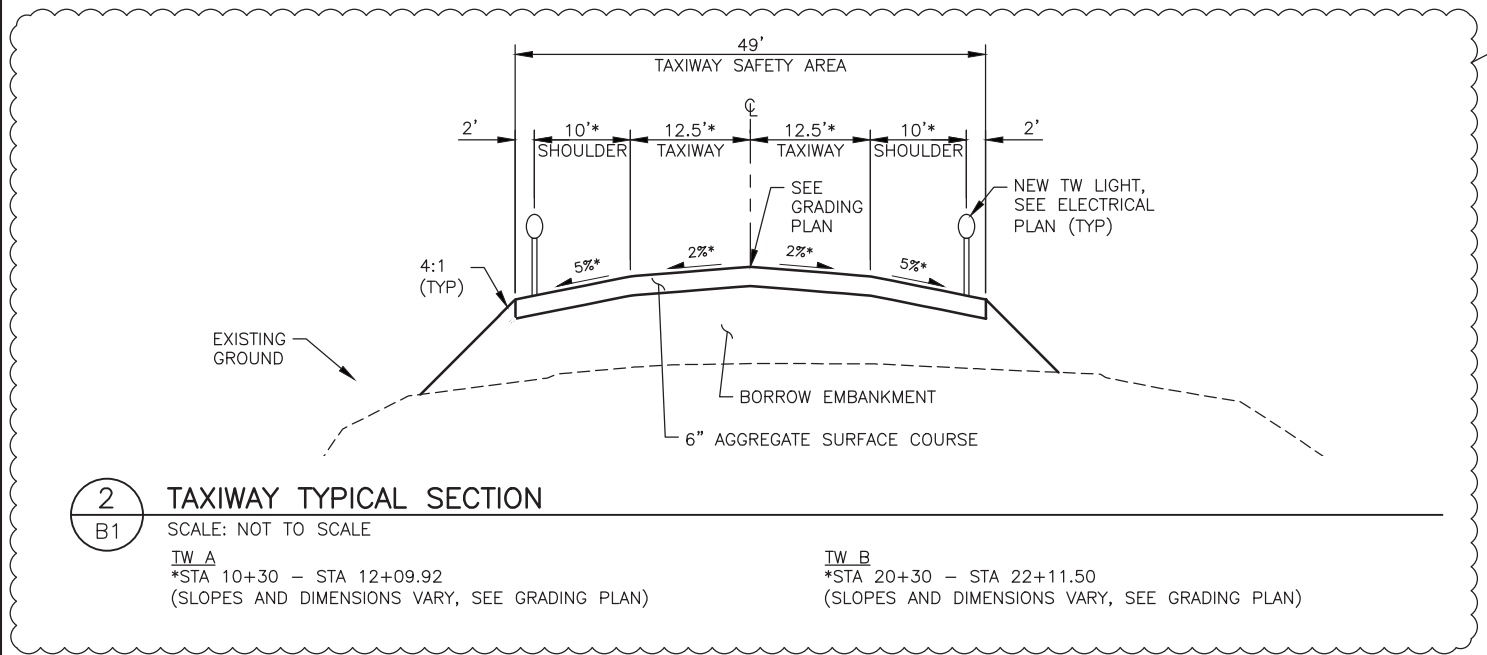
- NOTES**
- THE USE OF RAM OR BLENDED RAP AGGREGATE MATERIALS ARE ALLOWED ONLY WITHIN THE FOLLOWING AREAS:
 - RUNWAY 5-23, STA 200+00 TO STA 216+00
 - RUNWAY 13-31, STA 101+00 TO STA 130+00
 - TAXIWAY A
 - TAXIWAY B
 - GA APRON
 - AGGREGATE SURFACE COURSE SHALL HAVE A MINIMUM OF 6" ON SAFETY AREA EXTENSIONS BEYOND ENDS OF RUNWAY
 - STABILIZE ALL DISTURBED SLOPES WITH MULCH & SEED UNLESS OTHERWISE DIRECTED.

1 RUNWAY TYPICAL SECTION

B1 SCALE: NOT TO SCALE

RW 13-31
 STA 99+94 - STA 102+57.74
 *STA 102+57.74 - STA 110+05.95 (SLOPES VARY, SEE GRADING PLAN)
 STA 110+05.95 - STA 132+27

RW 5-23
 STA 199+89 - 203+32.99
 *STA 203+32.99 - STA 210+81.20 (SLOPES VARY, SEE GRADING PLAN)
 STA 210+81.20 - STA 227+32

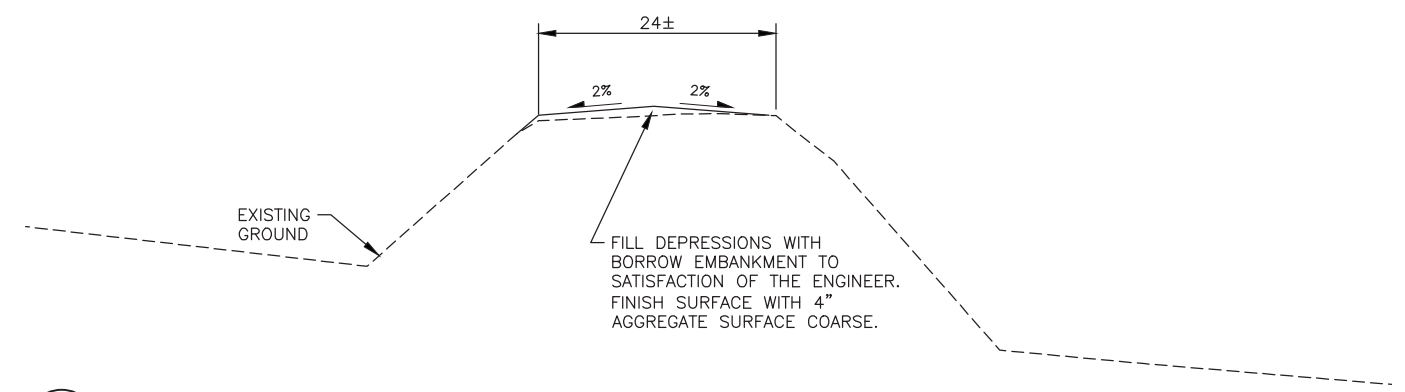


2 TAXIWAY TYPICAL SECTION

B1 SCALE: NOT TO SCALE

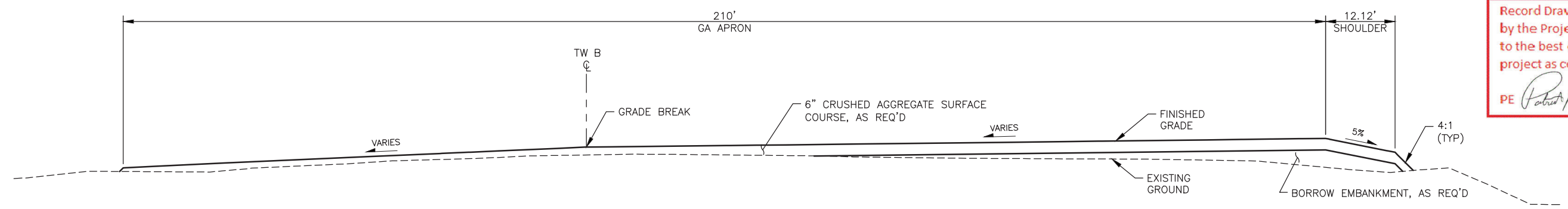
TW A
 *STA 10+30 - STA 12+09.92
 (SLOPES AND DIMENSIONS VARY, SEE GRADING PLAN)

TW B
 *STA 20+30 - STA 22+11.50
 (SLOPES AND DIMENSIONS VARY, SEE GRADING PLAN)



4 ACCESS ROAD TYPICAL SECTION

B1 SCALE: NOT TO SCALE



3 GA APRON SITE SECTION

B1 SCALE: NOT TO SCALE
 SLOPES VARY, SEE GRADING PLAN

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Patrick Ruff*, P.E. Date 1/21/21



NO.	DATE	REVISION
2	6/16/20	MODIFY TAXIWAY SECTION

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES - SOUTHCOAST REGION
 6860 GLACIER HIGHWAY
 JUNEAU, ALASKA 99801
 907-465-1763

SOUTH NAKNEK AIRPORT
 SOUTH NAKNEK, ALASKA
 SOUTH NAKNEK RUNWAY RESURFACING
 PROJECT No. SFAP00099
 A.I.P. No. 3-02-0186-002-2019
 TYPICAL SECTIONS

DATE: April 5, 2019
 SHEET: B1 OF 40
 AS-BUILT SHEET:

ESTIMATE OF QUANTITIES

ITEM NUMBER	PAY ITEM	PAY UNIT	QUANTITY
D701.010.0024	CS PIPE, 24-INCH	LINEAR FOOT	383
G100.010.0000	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED
G115.010.0000	WORKER MEALS AND LODGING, OR PER DIEM	LUMP SUM	ALL REQUIRED
G130.010.0000	FIELD OFFICE	LUMP SUM	ALL REQUIRED
G130.020.0000	FIELD LABORATORY	LUMP SUM	ALL REQUIRED
G130.060.0000	NUCLEAR TESTING EQUIPMENT STORAGE SHED	EACH	1
G130.140.0000	RADIOS	EACH	4
G131.010.0000	ENGINEERING TRANSPORTATION (TRUCK)	EACH	2
G131.020.0000	ENGINEERING TRANSPORTATION (ATV)	EACH	1
G135.010.0000	CONSTRUCTION SURVEYING BY THE CONTRACTOR	LUMP SUM	ALL REQUIRED
G135.020.0000	EXTRA THREE PERSON SURVEY PARTY	HOURLY	80
G135.030.0000	MONUMENTS BY THE CONTRACTOR	LUMP SUM	ALL REQUIRED
G210.010.0000	CONTRACTOR SAFETY PLAN COMPLIANCE DOCUMENT	LUMP SUM	ALL REQUIRED
G300.010.0000	CPM SCHEDULING	LUMP SUM	ALL REQUIRED
G700.010.0000	AIRPORT FLAGGER	CONTINGENT SUM	ALL REQUIRED
G700.030.0000	AIRPORT TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED
G700.050.0000	MEDEVAC RUNWAY OPENING	LUMP SUM	ALL REQUIRED
G705.010.0000	WATERING FOR DUST CONTROL	MEGA GALLON	500
G710.010.0000	HIGHWAY TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED
G710.020.0000	HIGHWAY FLAGGER	CONTINGENT SUM	ALL REQUIRED
G710.030.0000	HIGHWAY TRAFFIC PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
G710.040.0000	HIGHWAY TRAFFIC CONTROL	CONTINGENT SUM	ALL REQUIRED
L101.020.0000	ROTATING BEACON, MEDIUM INTENSITY, L-801A	EACH	1
L103.010.0030	30-FEET HINGED POLE BEACON TOWER	EACH	1
L107.010.0008	8-FEET LIGHTED WIND CONE, IN PLACE	EACH	1
L107.030.0008	8-FEET UNLIGHTED WIND CONE, IN PLACE	EACH	2
L108.010.2008	UNDERGROUND CABLE #8 AWG, COPPER, 5KV FAA TYPE C, L-824	LINEAR FOOT	15,100
L108.030.0006	#6 BARE COPPER GROUND CONDUCTOR	LINEAR FOOT	13,200
L108.050.1008	UNDERGROUND CABLE #8 AWG, COPPER, 600V, TYPE C, L-824	LINEAR FOOT	300
L108.070.0000	GROUND ROD	EACH	20
L108.180.0000	TEMPORARY JUMPER	LINEAR FOOT	445
L109.030.0000	ELECTRICAL ENCLOSURE AND FOUNDATION IN PLACE	EACH	1
L109.040.0000	INSTALLATION OF ELECTRICAL EQUIPMENT IN NEW OR EXISTING STRUCTURE	EACH	1
L110.030.1002	RIGID STEEL CONDUIT, 2-INCH	LINEAR FOOT	930
L110.080.1002	HDPE CONDUIT, 2-INCH	LINEAR FOOT	12,120
L125.020.0000	REGULATOR, L-828	EACH	1
L125.030.0000	MEDIUM INTENSITY RUNWAY EDGE AND THRESHOLD LIGHT, L-861 AND L-861E	EACH	77
L125.040.0000	TAXIWAY EDGE LIGHT, L-861T	EACH	34
L125.070.0000	REMOVE RUNWAY AND TAXIWAY LIGHT	EACH	110
L125.150.0000	HANDHOLE, L-867, SIZE B	EACH	7
L125.170.0000	SPARE PARTS	CONTINGENT SUM	ALL REQUIRED
P151.010.0000	CLEARING	ACRE	19.3
P152.010.0000	UNCLASSIFIED EXCAVATION	CUBIC YARD	10,500
P152.190.0000	BORROW	CUBIC YARD	29,600
P190.020.0000	INSULATION BOARD	THOUSAND BOARD FEET	9.5
P299.010.0000	CRUSHED AGGREGATE SURFACE COURSE	CUBIC YARD	15,100
P641.010.0000	EROSION, SEDIMENT, AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQUIRED
P641.030.0000	TEMPORARY EROSION, SEDIMENT, AND POLLUTION CONTROL	LUMP SUM	ALL REQUIRED
P641.050.0000	TEMPORARY EROSION, SEDIMENT, AND POLLUTION CONTROL BY DIRECTIVE	CONTINGENT SUM	ALL REQUIRED
P641.060.0000	WITHHOLDING	CONTINGENT SUM	ALL REQUIRED
P660.030.0000	REFLECTIVE MARKER, TYPE II	EACH	48
P660.070.0000	CONE, 18 INCH	EACH	111
P681.010.0000	GEOTEXTILE, SEPARATION	SQUARE YARD	1,800
T901.010.0000	SEEDING	ACRE	2
T901.030.0000	WATER FOR MAINTENANCE	MEGA GALLON	70
T908.010.0000	MULCHING	SQUARE YARD	10,000

BASIS OF ESTIMATE

ITEM NUMBER	PAY ITEM	ESTIMATING FACTOR
G135.030.0000	MONUMENTS BY THE CONTRACTOR	1 EACH

Date Revised: 4/23/2020, 11:07 AM
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 Drawn By: LKJ
 Checked By: TDF

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

PE *[Signature]* Date 1/21/21



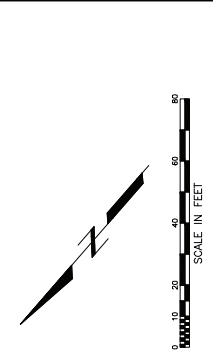
NO.	DATE	REVISION
1	4/23/20	UPDATED "ESTIMATE OF QUANTITIES" AND "BASIS OF ESTIMATE" TO MATCH BID SCHEDULE

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES - SOUTHCOAST REGION
 6860 GLACIER HIGHWAY
 JUNEAU, ALASKA 99801
 907-465-1763

SOUTH NAKNEK AIRPORT
 SOUTH NAKNEK, ALASKA
 SOUTH NAKNEK RUNWAY RESURFACING
 PROJECT No. SFAPT00099
 A.I.P. No. 3-02-0186-002-2019
 ESTIMATE OF QUANTITIES

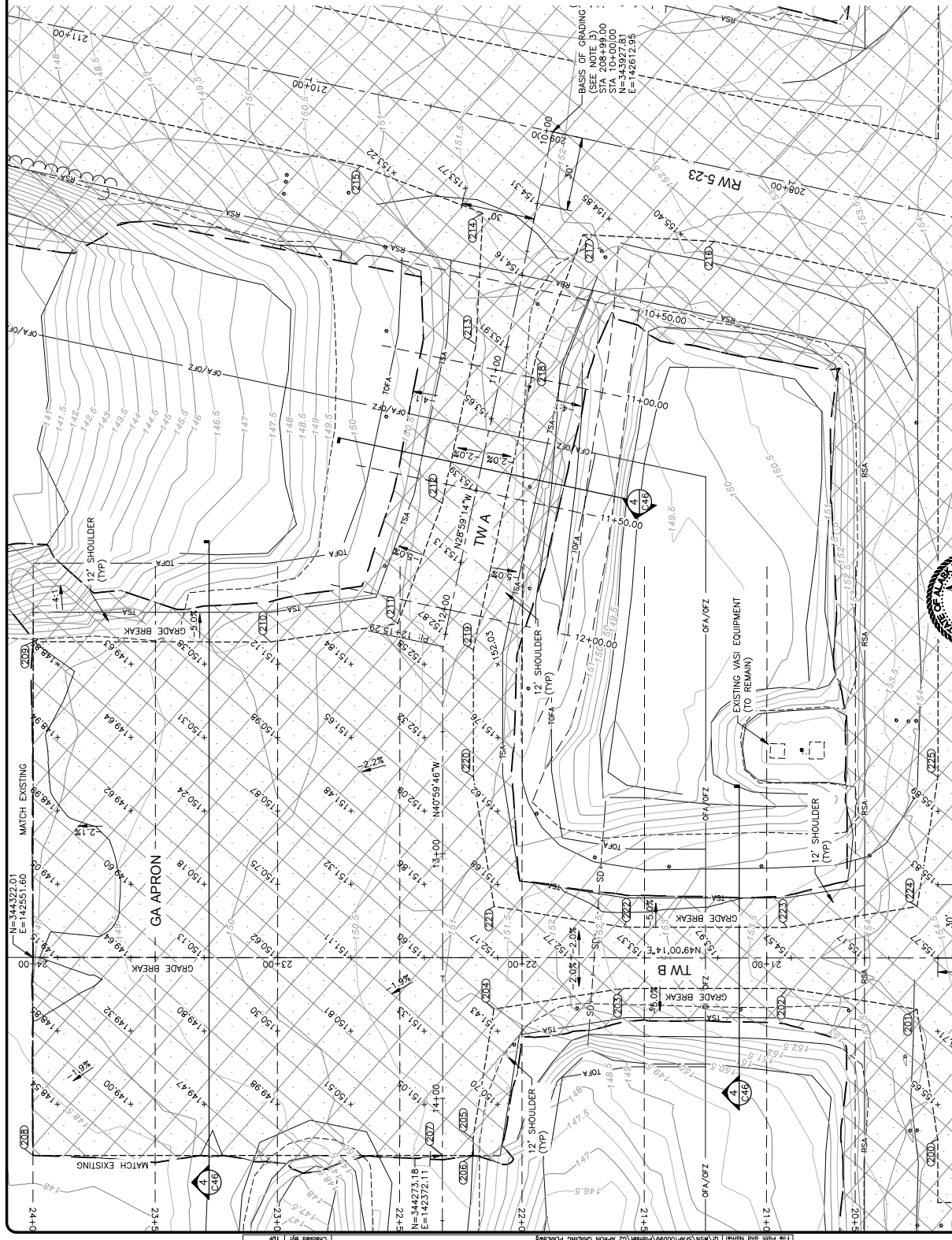
DATE: April 5, 2019
 SHEET: **C1** OF **40**
 AS-BUILT SHEET:

GRADING COORDINATE TABLE			
POINT	NORTHING	EASTING	ELEVATION
200	344135.14	142223.80	155.62
201	344100.71	142264.98	155.42
202	344129.07	142310.86	154.49
203	344173.02	142361.13	153.15
204	344214.20	142395.55	151.82
205	344259.78	142367.20	150.77
206	344284.98	142362.68	150.66
207	344273.18	142372.11	151.00
208	344383.07	142498.53	148.19
209	344224.57	142636.29	148.54
210	344160.90	142563.04	151.10
211	344121.13	142528.72	152.47
212	344072.01	142547.36	153.07
213	344013.90	142579.55	153.64
214	343971.66	142612.67	153.99
215	343989.91	142663.15	152.97
216	343918.19	142533.69	155.65
217	343951.31	142575.93	154.54
218	344001.79	142557.68	153.64
219	344108.92	142498.33	152.58
220	344148.08	142464.29	152.11
221	344182.50	142423.11	151.82
222	344154.15	142377.53	153.15
223	344110.20	142326.96	154.49
224	344069.01	142292.53	155.51
225	344023.44	142320.89	155.92



GRADING NOTES:

- ELEVATIONS SHOWN ARE FINISHED GRADE.
- THE BASIS OF THE GRADING GRID FOR TAXWAY B AND THE GRAPRON IS THE INTERSECTION OF RUNWAY 13-31 AND TAXWAY B. THE BEARING OF THE GRID IS N48° 00' 14"E.
- THE BASIS OF THE GRADING GRID FOR TAXWAY A IS THE INTERSECTION OF RUNWAY 5-23 AND TAXWAY A. THE BEARING OF THE GRID IS N28° 59' 14"N.
- CONSTRUCT TEMPORARY DRAINAGE DITCHES, SWALES, EARTH CHANNELS OR BERMS AS NEEDED TO MAINTAIN POSITIVE DRAINAGE. GRADING FOR TEMPORARY DRAINAGE SHALL BE MEASURED FROM THE WORK AND WILL NOT BE MEASURED FOR PAYMENT.
- UNDERGROUND UTILITIES NOT SHOWN FOR CLARITY.



SOUTH NAKNEK AIRPORT
 SOUTH NAKNEK, ALASKA
 SOUTH NAKNEK AIRPORT WING
 PROJECT NO. SP4PT0099
 A.I.P. No. 3-02-0186-002-2019
GRADING

DATE: April 5, 2019
 SHEET: **G2** OF **40**
 AS-BUILT SHEET:

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION
 & PUBLIC SAFETY
 EAST REGION
 JUNEAU ALASKA HIGHWAY
 9801
 907-468-1763

NO.	DATE	REVISION



RW 13-31
 FINISH GRADE REDLINES-OA/P/CS
 104+300
 104+400

BASE OF GRADING
 (SEE NOTE 3)
 STA 103+34.00
 STA 20+00.00
 N=344059.61
 E=142248.70

Checked By: LRG
 Drawn By: TBF
 6/20/2019, 3:18 PM
 File Path and Name: G:\MNS\SP4PT0099\Project\02 APRON GRADING PLANNING

STATE OF ALASKA DEPARTMENT OF
TRANSPORTATION AND PUBLIC
FACILITIES
SOUTHCOAST REGION

Request
For Proposal

NOTE: This form does not authorize commencement of work.

Project No.: SFAPT00099 / 3-02-0186-002-2019 RFP No.: 01

Project Name: South Naknek Airport Resurfacing

Contractor: QAP

Address: 240 West 68th Avenue
Anchorage, Alaska 99518

Recommended By: Patrick Hoffman, P.E. Date: 6/22/2020

Title: Project Engineer.

Description of Work:

Please provide a cost proposal (Reference RFI 07) to construct access roads .

Access road is to have the minimum required structural section to allow access to the site and construction of the Unlighted Wind Cones.

All pricing will be in accordance with Subsection GCP 40-02(a)(2).

\$69,480 , Lump Sum

+

1 week (7 days) contract time

Change in Contract Price and Time (Contractor's breakdown required, attach additional sheet(s) if necessary);



Per AS 36.30.400, I hereby certify that to the best of my Knowledge and Belief, the data submitted is accurate, complete and current and is the actual costs to the contractor or additional time for performing the additional work or supplying the additional materials.

Authorization to Proceed required by _____ to avoid additional costs.

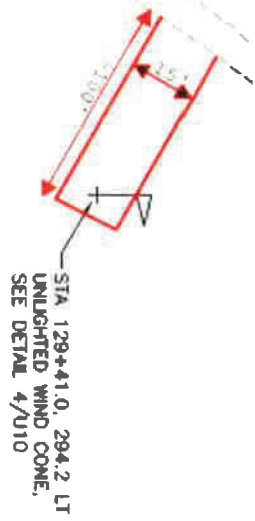
Signature: _____

Contractor's Representative

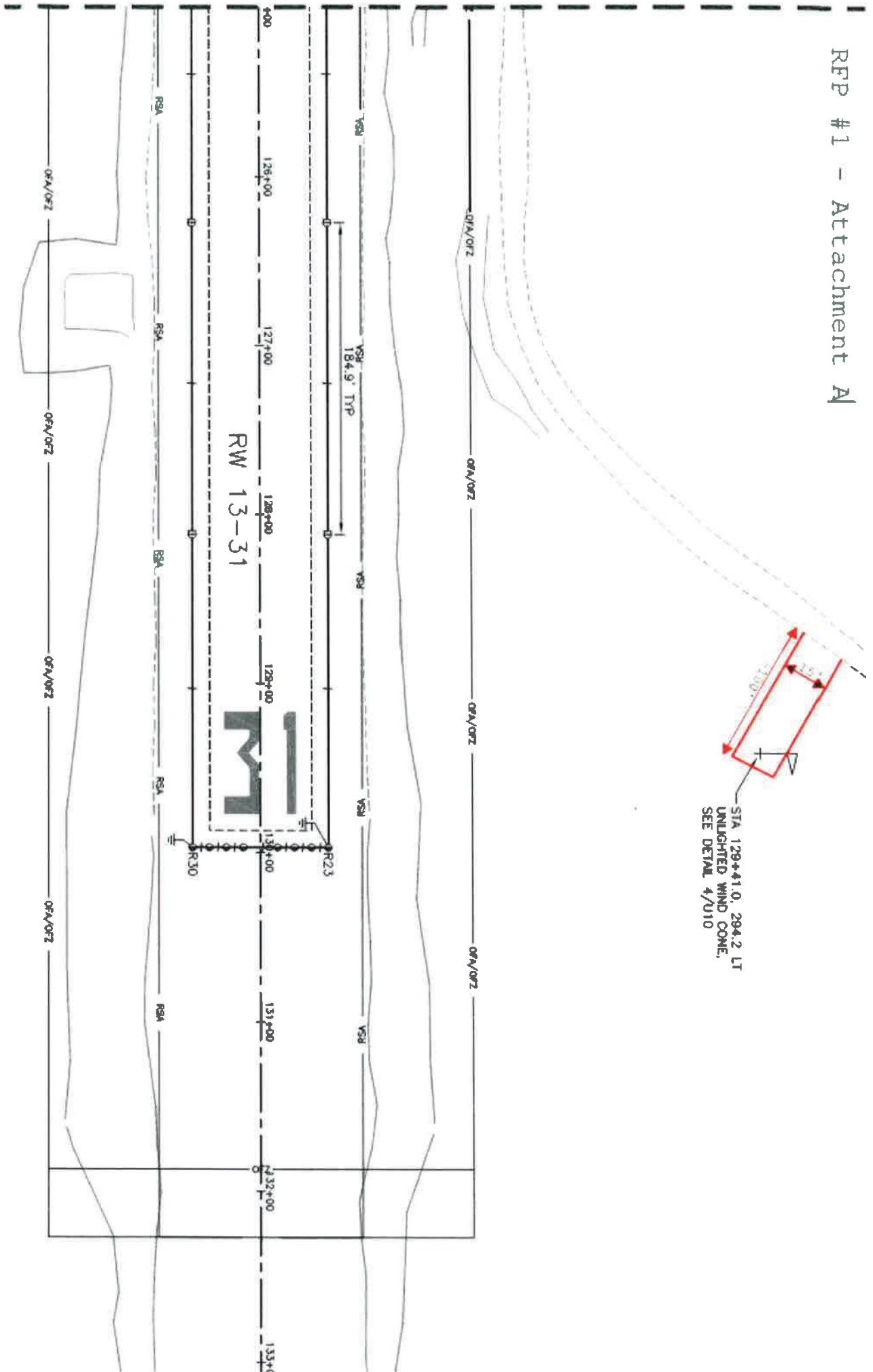
Date: _____

6/23/20

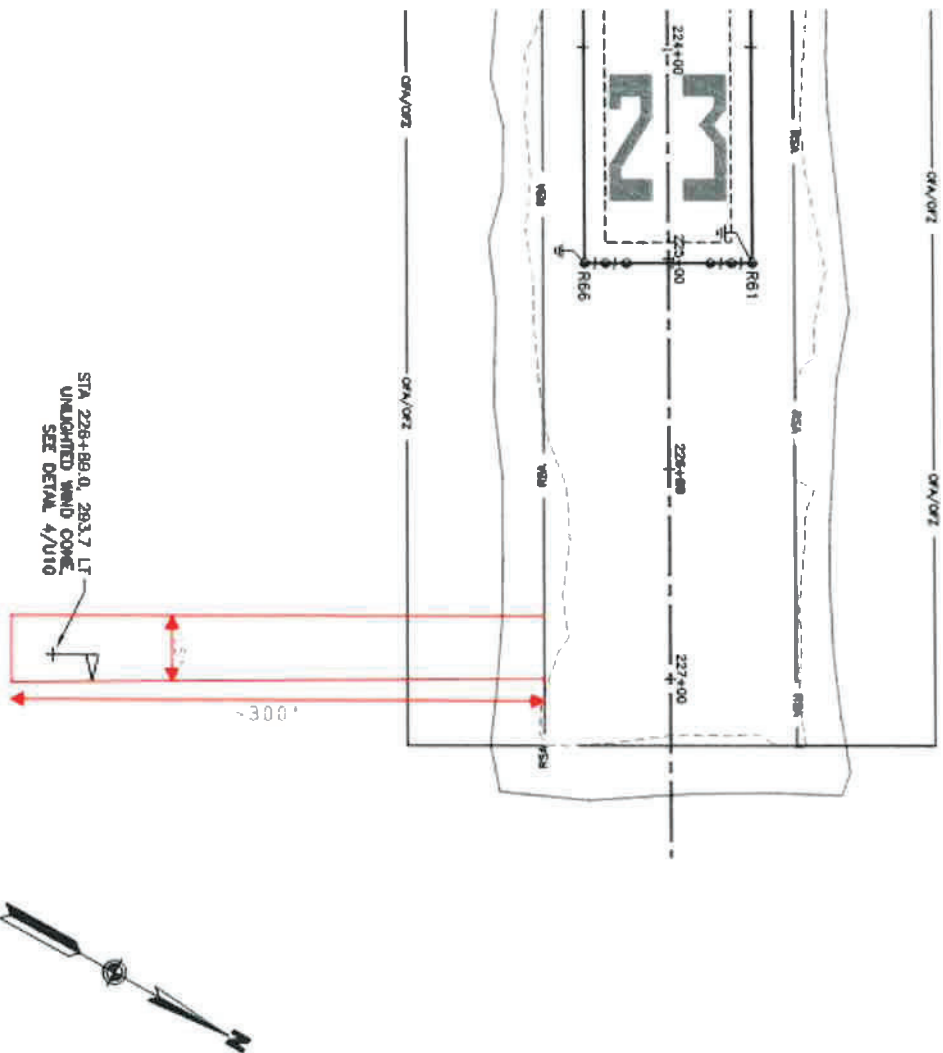
RFP #1 - Attachment A



MATCH LINE STA 125+00



RFP #1 - Attachment B





QUALITY ASPHALT PAVING
General Contractors

South Naknek Runway Resurfacing

RFP#1
Windcone Access Roads

