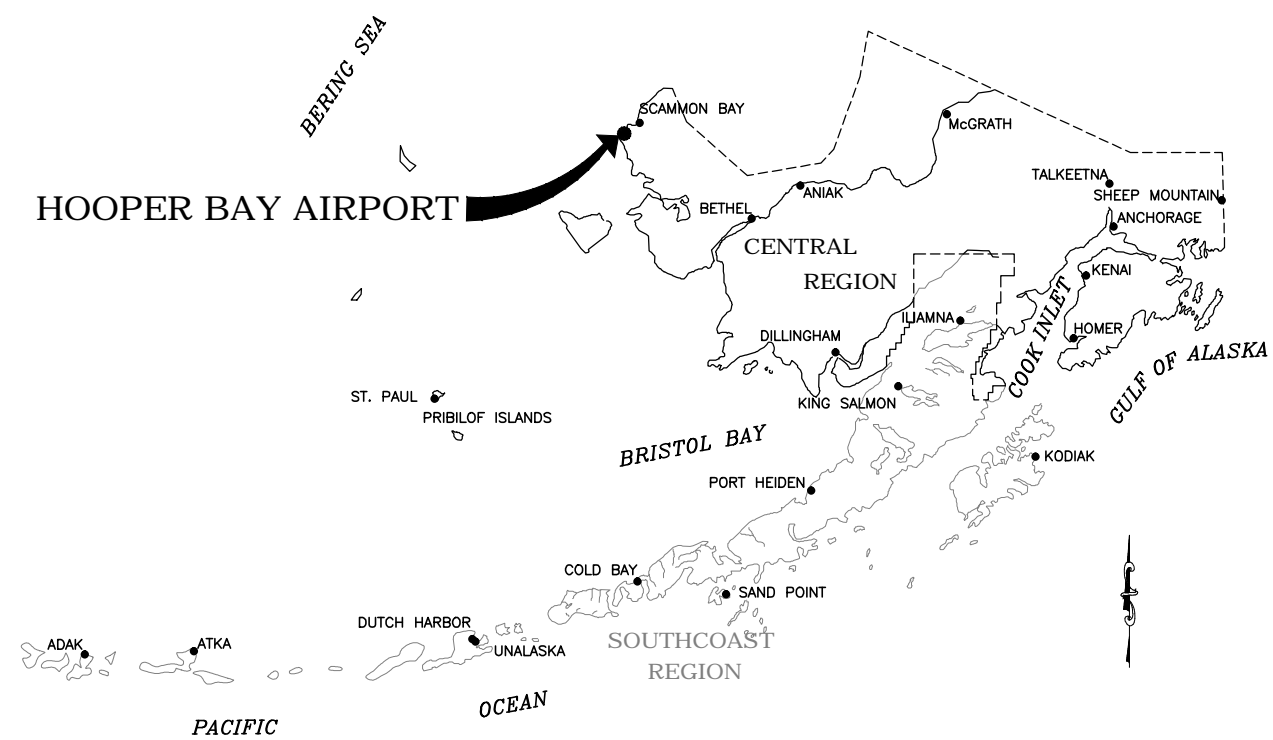


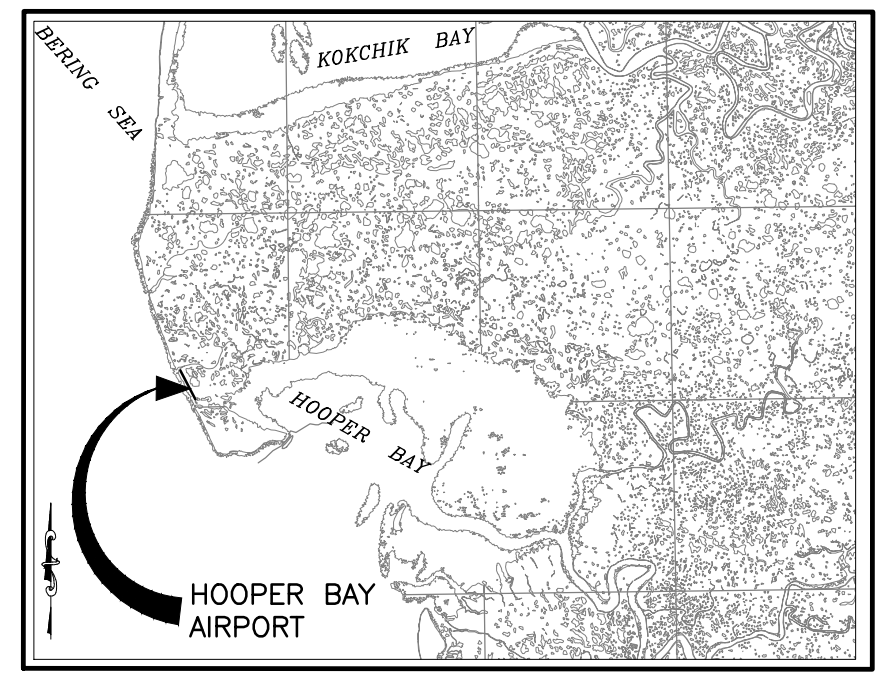
CONSTRUCTION PLANS
HOOPER BAY AIRPORT
 HOOPER BAY, ALASKA
 AIRPORT IMPROVEMENTS
 PROJECT No. 57419
 AIRPORT IMPROVEMENT PROGRAM
 No. 3-02-0126-006-2014

PRE PS&E
 JANUARY 2015



**ALASKA CENTRAL REGION
 LOCATION MAP**

NOT TO SCALE



VICINITY MAP

SCALE 1"= 1/2 MILE
 T 17 N, R 93 W
 SEWARD MERIDIAN
 U.S.G.S. HOOPER BAY C-4

CONCUR	DATE
JOEL ST. AUBIN, P.E.	DIRECTOR OF DESIGN AND CONSTRUCTION
APPROVED	DATE
KENNETH M. MORTON, P.E.	REGIONAL PRECONSTRUCTION ENGINEER
APPROVED	DATE
WOLFGANG E. JUNGE, P.E.	AVIATION DESIGN SECTION CHIEF
APPROVED	DATE
LUKE BOWLAND, P.E.	PROJECT MANAGER

Date Revisd: 4/01/2015 9:51 AM
 Layout Name: TITLE SIGNATURES LOCATION MAP & VICINITY MAP
 File Path and Name: W:\Projects\Hooper Bay\Hooper Bay Airport Improvements 57419\Final Drawings

BY	DATE	REVISION

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 CENTRAL REGION

HOOPER BAY AIRPORT
 HOOPER BAY, ALASKA
 AIRPORT IMPROVEMENTS
 PROJECT No. 57419
 AIP No. 3-02-0126-006-2014
 TITLE, SIGNATURES, LOCATION MAP, &
 VICINITY MAP

DATE: 3/25/2015
 SHEET: 1 OF 28
 AS-BUILT SHEET:

INDEX

LEGEND

ABBREVIATIONS

SHEET TITLE	SHEET No.
TITLE, SIGNATURES, LOCATION MAP, & VICINITY MAP	1
INDEX	2
ESTIMATED QUANTITIES	3
PROJECT LAYOUT PLAN	4
DEMOLITION PLAN	5
DEMOLITION PLAN	6
RUNWAY PLAN & PROFILE SOUTHEAST END	7
RUNWAY PLAN & PROFILE NORTHWEST END	8
TAXIWAY PLAN & PROFILE	9
ACCESS ROAD PLAN & PROFILE STA 0+00.00 TO 10+00.00	10
ACCESS ROAD PLAN & PROFILE STA 10+00.00 TO 20+00.00	11
ACCESS ROAD PLAN & PROFILE STA 20+00.00 TO 30+00.00	12
ACCESS ROAD PLAN & PROFILE STA 30+00.00 TO 40+00.00	13
ACCESS ROAD PLAN & PROFILE STA 40+00.00 TO 53+99.15	14
ACCESS ROAD EXTENSION PLAN & PROFILE	15
TYPICAL SECTIONS	16
TYPICAL SECTIONS	17
TYPICAL SECTIONS	18
TYPICAL SECTIONS	19
APRON LAYOUT & GRADING PLAN	20
TAXIWAY & DITCH LAYOUT & GRADING PLAN	21
INTERSECTION AREA LAYOUT & GRADING PLAN	22
APPROACHES LAYOUT & GRADING PLAN	23
WIND CONE & SEGMENTED CIRCLE GRADING PLAN	24
SEGMENTED CIRCLE DETAILS	25
ACCESS ROAD SIGNING PLAN	26
APRON SIGNING PLAN	27
SIGNING PLAN DETAILS	28
TIE-DOWN LAYOUT & DETAILS	29
BOLLARD LAYOUT & DETAILS	30
ELECTRICAL PLANS & DETAILS	E1 - E10

DESCRIPTION	EXISTING	PROPOSED
AIRCRAFT TIE-DOWNS		
BUILDINGS		
AIRPORT PROPERTY BOUNDARY LINE		
CULVERT W/ END SECTIONS		
DETAIL CALLOUT		
DITCH		
EDGE OF PAVEMENT / SHOULDER		
EDGE WATERWAY		
ELECTRICAL TRANSFORMER		
FENCE LINE		
GEOTEXTILE STABILIZATION		
GRADE BREAK		
JUNCTION BOX		
MIRL/MITL		
RUNWAY / TAXIWAY CENTERLINE		
RUNWAY SAFETY AREA		
REIL		
ROTATING BEACON		
SHOULDER EDGE		
SIGN		
SLOPE / FLOW ARROW		
STRUCTURAL EDGE		
SWALE-DITCH LINEAR GRADING		
TOE OF SLOPE		
CUT		
FILL		
TRANSITION EDGE		
WIND CONE		
SEGMENTED CONE & WIND CONE		

ANICS	ALASKAN NAS INTERFACILITY COMMUNICATIONS	LS	LUMP SUM
ATCT	AIR TRAFFIC CONTROL TOWER	LT	LEFT
AWOS	AUTOMATED WEATHER OBSERVING SYSTEM	MAINT	MAINTENANCE
BOP	BEGINNING OF PROJECT	MIRL	MEDIUM INTENSITY RUNWAY LIGHTING
BVCS	BEGIN VERTICAL CURVE STATION	MITL	MEDIUM INTENSITY TAXIWAY LIGHTING
BVCE	BEGIN VERTICAL CURVE ELEVATION	NTS	NOT TO SCALE
CASC	CRUSHED AGGREGATE SURFACE COURSE	NIC	NOT IN CONTRACT
CL	CENTERLINE	ODALS	OMNIDIRECTIONAL APPROACH LIGHTING SYSTEM
CS	CONTINGENT SUM	OFA	OBJECT FREE AREA
CY	CUBIC YARD	OG	ORIGINAL GROUND
DIA	DIAMETER	PAPI	PRECISION APPROACH PATH INDICATOR
DOT	DEPARTMENT OF TRANSPORTATION	PVI	POINT OF VERTICAL INTERSECTION
EEB	ELECTRICAL ENCLOSURE BUILDING	RAP	RECYCLED ASPHALT PAVEMENT
ELEV	ELEVATION	RD	ROAD
EOP	END OF PROJECT	RSA	RUNWAY SAFETY AREA
ESCP	EROSION AND SEDIMENT CONTROL PLAN	RT	RIGHT
EVCS	END VERTICAL CURVE STATION	RW	RUNWAY
EVCE	END VERTICAL CURVE ELEVATION	SF	SQUARE FEET
GB	GRADE BREAK	SREB	SNOW REMOVAL EQUIPMENT BUILDING
HMA	HOT MIX ASPHALT	STA	STATION
LF	LINEAR FOOT	TW	TAXIWAY
		TYP	TYPICAL

STANDARD DRAWINGS

SHEET TITLE	SHEET No.
CHAIN LINK FENCE	F-1.01
CHAIN LINK FENCE GATE	F-3.01
SIGN FRAMING AND POST SPACING	S-0.11
BRACING FOR SIGNS MOUNTED ON SINGLE POST	S-1.00
POST MOUNTED SIGN OFFSET AND HEIGHT	S-5.01
LIGHT SIGN STRUCTURE POST EMBEDMENT	S-30.03
SIGN POST BASE AND FOUNDATION	S-31.00

APPENDIX DRAWINGS

SHEET TITLE	SHEET No.
APPENDIX B SURVEY CONTROL (NOT INCLUDED IN PRE-PS&E PACKAGE)	
APPENDIX D CONSTRUCTION SAFETY & PHASING PLAN	AD1 - AD6
APPENDIX H MATERIAL SITE PLAN	AH1

SHEET TITLE	SHEET No.
APPENDIX L SREB PLANS & DETAILS	
ARCHITECTURAL	A1 - A5
STRUCTURAL	S1 - S5
MECHANICAL	M1 - M2
ELECTRICAL	E1 - E4

REFERENCE DRAWINGS

SHEET TITLE	SHEET No.

Date Rec'd: 4/01/2015, 9:51 AM
 Layout Name: INDEX
 File Path and Name: \\WA\Projects\Hooper Bay\Hooper Bay Airport Improvements 57419\Final Drawings

Designed By: VG
 Drawn By: VG
 Checked By: MHH

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

HOOPER BAY AIRPORT
HOOPER BAY, ALASKA
AIRPORT IMPROVEMENTS
PROJECT No. 57419
AIP No. 3-02-0126-006-2014
INDEX

DATE: 3/25/2015
SHEET: 2 OF 28
AS-BUILT SHEET:

ESTIMATED QUANTITIES

No.	ITEM	UNIT	QUANTITY		No.	ITEM	UNIT	QUANTITY		No.	ITEM	UNIT	QUANTITY	
			NTP-1	NTP-2				NTP-1	NTP-2				NTP-1	NTP-2
D-705c	POROUS BACKFILL NO. 2	CY	97	0	L-108b	UNDERGROUND CABLE #8 AWG, COPPER, 5KV FAA TYPE "C", L-824	LS	ALL REQUIRED	N/A	P-650a	AIRCRAFT TIE-DOWN	EA	32	0
D-705d	FILTER FABRIC	SY	870	0	L-108d	#6 BARE COPPER GROUND CONDUCTOR	LS	ALL REQUIRED	N/A	P-660b	REFLECTIVE MARKER, TYPE II	EA	29	0
G-100a	MOBILIZATION AND DEMOBILIZATION	LS	ALL REQUIRED	ALL REQUIRED	L-108f	UNDERGROUND CABLE #8 AWG, COPPER, 600V, TYPE "C", L-824	LS	ALL REQUIRED	N/A	P-660c	CONE, 18 INCH	EA	78	0
G-115a	WORKERS MEALS AND LODGING, OR PER DIEM	LS	ALL REQUIRED	ALL REQUIRED	L-108g	GROUND ROD	EA	13	0	P-661a	STANDARD SIGN	SF	5	26
G-130a	FIELD OFFICE	LS	ALL REQUIRED	ALL REQUIRED	L-109c	ELECTRICAL ENCLOSURE AND FOUNDATION IN PLACE	EA	1	0	P-670a	HAZARD MARKER BARRIER, PLASTIC	EA	41	0
G-130b	FIELD LABORATORY	LS	ALL REQUIRED	N/A	L-109d	INSTALLATION OF ELECTRICAL EQUIPMENT IN NEW OR EXISTING STRUCTURE	EA	1	0	P-671a	RUNWAY CLOSURE MARKER, VINYL MESH PANEL	EA	8	0
G-130g	NUCLEAR TESTING EQUIPMENT STORAGE SHED	EA	1	1	L-110b	2-INCH RIGID STEEL CONDUIT	LS	ALL REQUIRED	N/A	P-681a	GEOTEXTILE, SEPARATION	SY	35,000	59,000
G-130j	ENGINEERING COMMUNICATIONS	CS	ALL REQUIRED	ALL REQUIRED	L-110h	2-INCH PE CONDUIT	LS	ALL REQUIRED	N/A	P-682a	GEOTEXTILE, DRAINAGE	SY	14,300	0
G-131a	ENGINEERING TRANSPORTATION (TRUCK)	EA	3	3	L-132d	APPROACH LIGHTING AIDS MODIFICATIONS	LS	ALL REQUIRED	N/A	S-142p	EQUIPMENT STORAGE BUILDING	LS	N/A	ALL REQUIRED
G-131b	ENGINEERING TRANSPORTATION (ATV)	EA	1	1	P-151c	CLEARING AND GRUBBING	ACRE	9	0	S-143a	HEATING FUEL TANK (1000 GALLONS)	EA	0	1
G-135a	CONSTRUCTION SURVEYING BY THE CONTRACTOR	LS	ALL REQUIRED	ALL REQUIRED	P-152a(1)	COMMON EXCAVATION	CY	21,700	0	S-143b	FUEL (1800 GALLONS)	LS	N/A	ALL REQUIRED
G-135b	EXTRA THREE PERSON SURVEY PARTY	HR	36	24	P-152c	MUCK EXCAVATION	CY	20,800	0	S-143d	ELECTRIC DISPENSING SYSTEM	EA	0	1
G-150a	EQUIPMENT RENTAL, 75 HP DOZER	HR	60	40	P-152h(2)	BORROW MEASURED IN FINAL POSITION	CY	84,000	7,650	S-143e	MOTOR VEHICLE FUEL-DISPENSING TANK (1000 GALLONS)	EA	0	1
G-300a	CPM SCHEDULING	LS	ALL REQUIRED	ALL REQUIRED	P-157a	EROSION, SEDIMENT, AND POLLUTION CONTROL ADMINISTRATION	LS	ALL REQUIRED	ALL REQUIRED	S-143f	SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN	LS	N/A	ALL REQUIRED
G-700a	AIRPORT FLAGGER	CS	ALL REQUIRED	N/A	P-157b	TEMPORARY EROSION, SEDIMENT, AND POLLUTION CONTROL	CS	ALL REQUIRED	ALL REQUIRED	T-901b	SEEDING	LB	328	25
G-705a	WATERING FOR DUST CONTROL	M-GAL	560	0	P-157f	WITHHOLDING	CS	ALL REQUIRED	ALL REQUIRED	T-908d	MULCH (GRAVEL)	TON	2,050	0
G-710a	HIGHWAY TRAFFIC MAINTENANCE	LS	N/A	ALL REQUIRED	P-157g	SWPPP MANAGER	LS	ALL REQUIRED	ALL REQUIRED	T-908x	TURF REINFORCEMENT MAT	SY	3,850	0
G-710b	HIGHWAY FLAGGER	CS	N/A	ALL REQUIRED	P-161a	RECYCLED ASPHALT PAVEMENT	SY	51,000	0	ANCILLARY DRAWINGS				
G-710d	HIGHWAY TRAFFIC CONTROL	CS	N/A	ALL REQUIRED	P-165a(1)	REMOVAL OF STRUCTURES (PERMITTED FACILITY)	LS	ALL REQUIRED	N/A	SHEET TITLE SHEET No.				
L-100b	REGULATOR, L-828	EA	1	0	P-165a(2)	REMOVAL OF STRUCTURES (SEGMENTED CIRCLE AND WIND CONE)	LS	ALL REQUIRED	N/A	ESTIMATING FACTORS				
L-100d	MEDIUM INTENSITY RUNWAY EDGE AND THRESHOLD LIGHT, L-861 AND L-861E	EA	48	0	P-167a	DUST PALLIATIVE	LS	ALL REQUIRED	ALL REQUIRED	No. ITEM FACTOR				
L-100e	TAXIWAY EDGE LIGHT, L-861T	EA	29	0	P-180b	RIPRAP, (CLASS II)	TON	4,300	17,600	P-180b	RIPRAP			1.46 T/CY
L-100h	REMOVE RUNWAY AND TAXIWAY LIGHT	EA	59	0	P-185a	PRIMARY ARMOR STONE, CLASS PA-1200 LB	TON	4,250	0	P-185a	PRIMARY ARMOR STONE			2.22 T/CY
L-100p	HANDHOLE, L-867, SIZE B	EA	7	0	P-208c	CRUSHED AGGREGATE SURFACE COURSE	TON	58,000	6,950	P-208c	CRUSHED AGGREGATE SURFACE COURSE			1.99 T/CY
L-100ap	SPARE PARTS	LS	ALL REQUIRED	N/A	P-208g	CRUSHED AGGREGATE SURFACE COURSE STOCKPILE	TON	348	42					
L-101b	ROTATING BEACON, MEDIUM INTENSITY, L-801A	EA	0	1	P-640b	SEGMENTED CIRCLE (PANEL-TYPE)	LS	ALL REQUIRED	N/A					
L-107a	8-FOOT LIGHTED WIND CONE, IN PLACE	EA	1	0										
L-107c	8-FOOT UNLIGHTED WIND CONE, IN PLACE	EA	1	0										

Date Revisd: 4/01/2015, 9:51 AM
 Layout Name: ESTIMATED QUANTITIES
 File Path and Name: \\Projects\Hooper Bay\Hooper Bay Airport Improvements 57419\Final Drawings

Designed By: VG
 Drawn By: VG
 Checked By: MHH

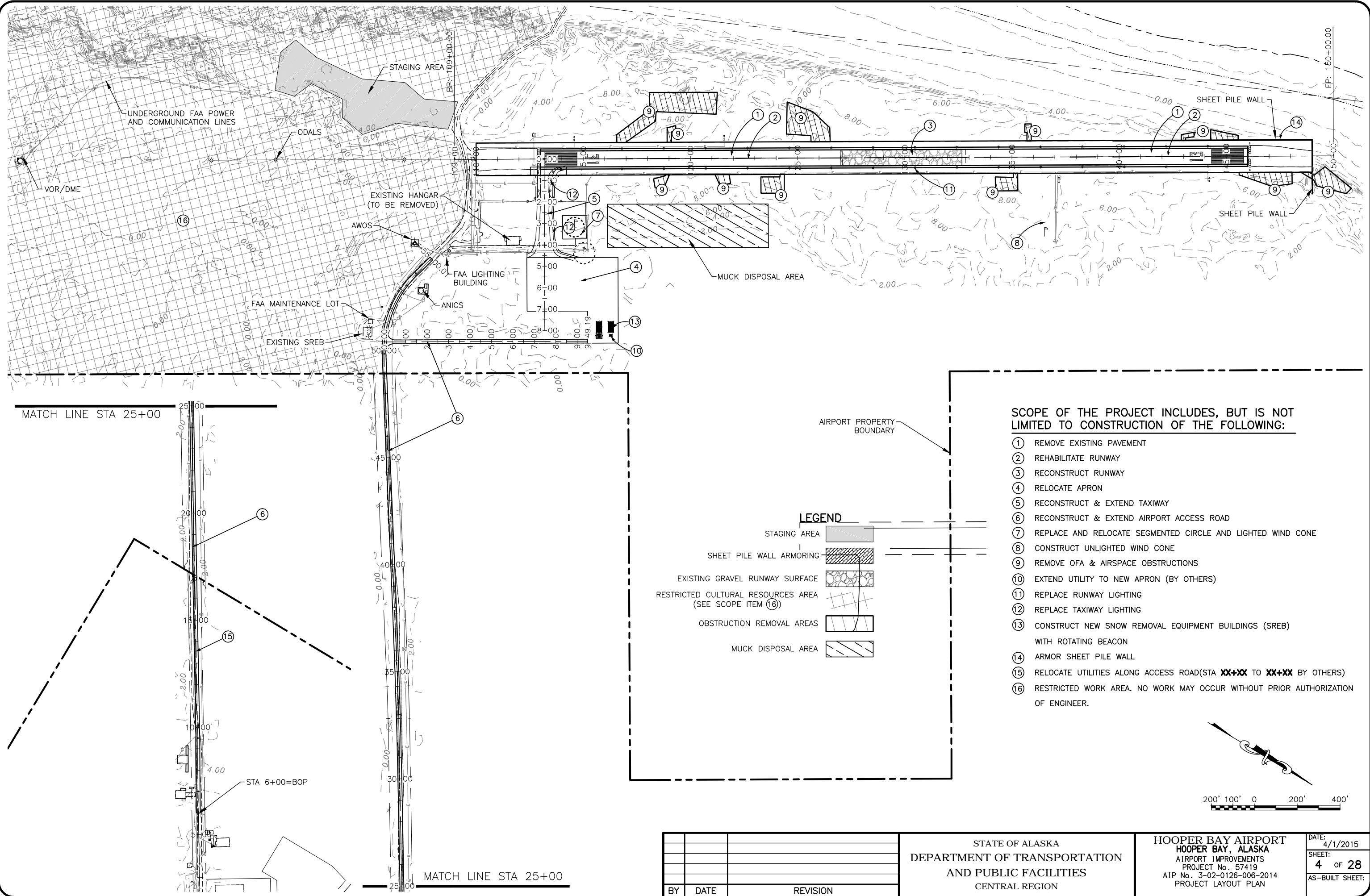
BY	DATE	REVISION

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 CENTRAL REGION

HOOPER BAY AIRPORT
HOOPER BAY, ALASKA
 AIRPORT IMPROVEMENTS
 PROJECT No. 57419
 AIP No. 3-02-0126-006-2014
 ESTIMATED QUANTITIES

DATE: 3/25/2015
 SHEET:
3 OF **28**
 AS-BUILT SHEET:

Date Revis: 4/01/2015, 9:52 AM
 Layout Name: PROJECT LAYOUT PLAN
 File Path and Name: W:\Projects\Hooper Bay\Hooper Bay Airport Improvements 57419\Final Drawings



MATCH LINE STA 25+00

STA 6+00=BOP

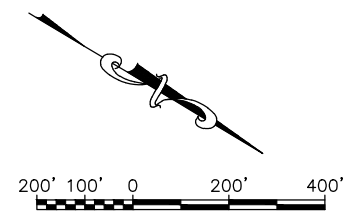
MATCH LINE STA 25+00

LEGEND

- STAGING AREA [Pattern]
- SHEET PILE WALL ARMORING [Pattern]
- EXISTING GRAVEL RUNWAY SURFACE [Pattern]
- RESTRICTED CULTURAL RESOURCES AREA (SEE SCOPE ITEM 16) [Pattern]
- OBSTRUCTION REMOVAL AREAS [Pattern]
- MUCK DISPOSAL AREA [Pattern]

SCOPE OF THE PROJECT INCLUDES, BUT IS NOT LIMITED TO CONSTRUCTION OF THE FOLLOWING:

- 1 REMOVE EXISTING PAVEMENT
- 2 REHABILITATE RUNWAY
- 3 RECONSTRUCT RUNWAY
- 4 RELOCATE APRON
- 5 RECONSTRUCT & EXTEND TAXIWAY
- 6 RECONSTRUCT & EXTEND AIRPORT ACCESS ROAD
- 7 REPLACE AND RELOCATE SEGMENTED CIRCLE AND LIGHTED WIND CONE
- 8 CONSTRUCT UNLIGHTED WIND CONE
- 9 REMOVE OFA & AIRSPACE OBSTRUCTIONS
- 10 EXTEND UTILITY TO NEW APRON (BY OTHERS)
- 11 REPLACE RUNWAY LIGHTING
- 12 REPLACE TAXIWAY LIGHTING
- 13 CONSTRUCT NEW SNOW REMOVAL EQUIPMENT BUILDINGS (SREB) WITH ROTATING BEACON
- 14 ARMOR SHEET PILE WALL
- 15 RELOCATE UTILITIES ALONG ACCESS ROAD(STA XX+XX TO XX+XX BY OTHERS)
- 16 RESTRICTED WORK AREA. NO WORK MAY OCCUR WITHOUT PRIOR AUTHORIZATION OF ENGINEER.

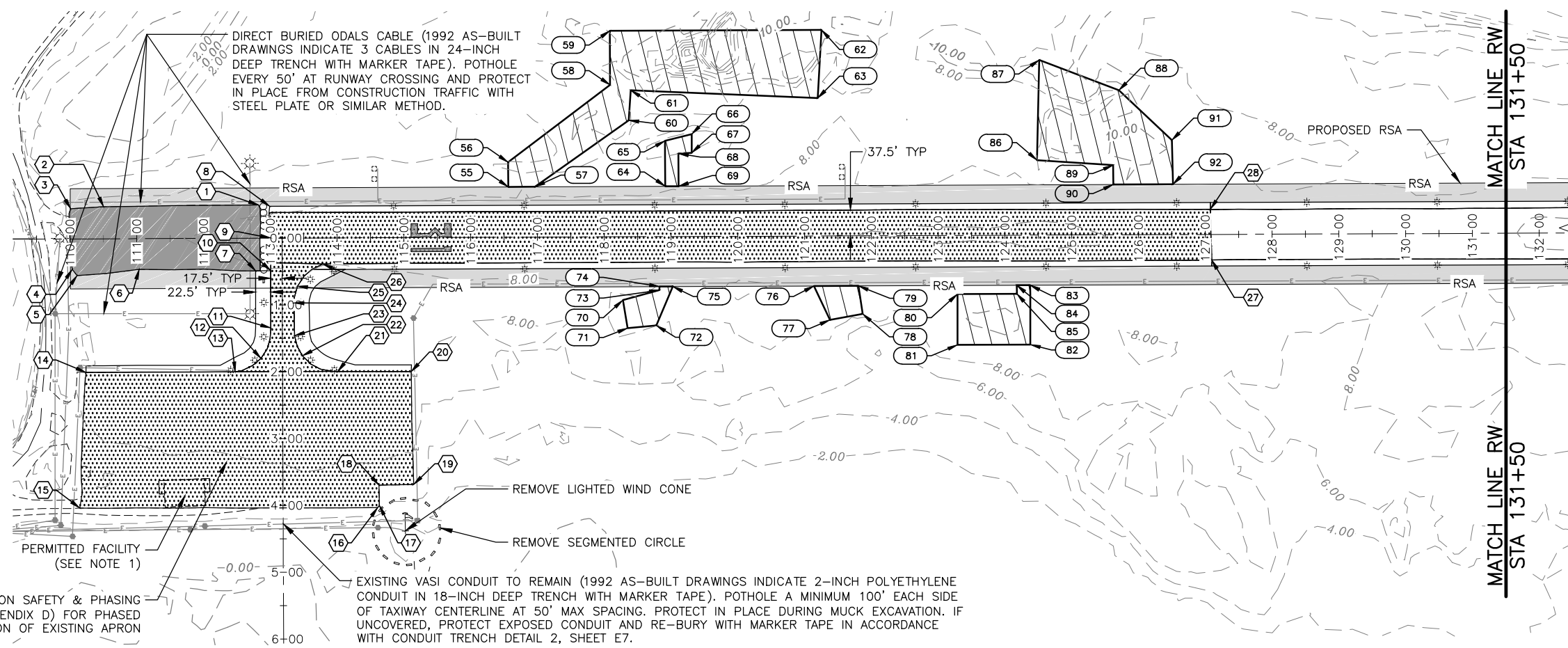


BY	DATE	REVISION

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 CENTRAL REGION

HOOPER BAY AIRPORT
 HOOPER BAY, ALASKA
 AIRPORT IMPROVEMENTS
 PROJECT No. 57419
 AIP No. 3-02-0126-006-2014
 PROJECT LAYOUT PLAN

DATE: 4/1/2015
 SHEET: 4 OF 28
 AS-BUILT SHEET:



LEGEND

- REMOVE 2" ASPHALT AND 1" EMULSIFIED SAND
- REMOVE 6" EMULSIFIED SAND
- EXCAVATION FOR OBSTRUCTION REMOVAL
- CLEAR AND GRUBBING BETWEEN RUNWAY EDGE AND RSA EDGE

DEMO PLAN SCHEDULE

POINT	STATION	OFFSET	REMARKS
1	112+82.46	49.71L	PI
2	110+50.62	48.00L	PI
3	110+01.06	45.25L	PI
4	110+03.10	45.53R	PI
5	110+10.41	54.88R	PI
6	111+03.48	45.92R	PI
7	112+77.77	48.84R	PI
8	112+99.14	47.81L	PI

DEMO PLAN SCHEDULE

POINT	STATION	OFFSET	REMARKS
9	113+00.47	0.31L	PI
10	113+00.35	48.72R	PI
11	113+00.03	134.45R	PI
12	112+85.09	179.84R	PI
13	112+46.60	199.87R	PI
14	110+23.04	199.74R	PI
15	110+12.96	402.66R	PI
16	114+59.19	403.81R	PI

DEMO PLAN SCHEDULE

POINT	STATION	OFFSET	REMARKS
17	114+61.61	400.51R	PI
18	114+61.04	370.06R	PI
19	115+13.18	369.47R	PI
20	115+10.29	200.60R	PI
21	114+00.19	199.97R	PI
22	113+47.29	176.17R	PI
23	113+35.80	146.25R	PI
24	113+34.98	97.06R	PI

DEMO PLAN SCHEDULE

POINT	STATION	OFFSET	REMARKS
25	113+40.42	72.24R	PI
26	113+78.22	38.89R	PI
27	127+09.32	38.37R	PI
28	127+07.75	37.66L	PI

- DEMOLITION NOTES:**
- HANGAR AND CONNEX REMOVAL PER ITEM P-165.
 - REFER TO THE ELECTRICAL PLANS FOR ELECTRICAL DEMOLITION INFORMATION.
 - REMOVE ALL ASPHALT PAVEMENTS WITHIN LIMITS OF EXCAVATIONS BEFORE EXCAVATING SUBSTRUCTURE TO AVOID MIXING OR CONTAMINATION.

OBSTRUCTION REMOVAL

POINT	STATION	OFFSET	ELEVATION	REMARKS
55	116+56.54	75.27L	7.78	OBSTRUCTION
56	116+56.49	112.27L	8.04	OBSTRUCTION
57	116+96.48	75.27L	7.86	OBSTRUCTION
58	118+09.50	227.25L	9.59	OBSTRUCTION
59	118+09.51	308.25L	10.40	OBSTRUCTION
60	118+37.49	174.25L	9.06	OBSTRUCTION
61	118+40.50	219.25L	9.56	OBSTRUCTION
62	121+26.51	308.22L	10.96	OBSTRUCTION
63	121+20.50	206.22L	9.93	OBSTRUCTION
64	118+91.48	75.25L	8.69	OBSTRUCTION

OBSTRUCTION REMOVAL

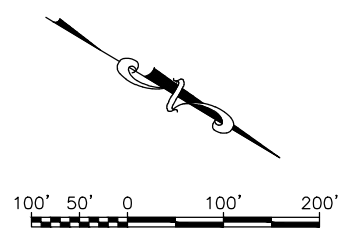
POINT	STATION	OFFSET	ELEVATION	REMARKS
65	118+91.49	143.25L	8.82	OBSTRUCTION
66	119+31.49	153.24L	9.00	OBSTRUCTION
67	119+31.49	125.24L	8.70	OBSTRUCTION
68	119+11.49	124.24L	8.65	OBSTRUCTION
69	119+11.48	75.24L	8.73	OBSTRUCTION
70	118+27.46	94.75R	8.17	OBSTRUCTION
71	118+34.46	136.75R	8.65	OBSTRUCTION
72	118+77.46	132.75R	8.68	OBSTRUCTION
73	118+82.47	80.09R	8.22	OBSTRUCTION
74	118+82.47	74.75R	8.15	OBSTRUCTION

OBSTRUCTION REMOVAL

POINT	STATION	OFFSET	ELEVATION	REMARKS
75	119+02.47	74.75R	8.24	OBSTRUCTION
76	121+13.75	74.78R	8.63	OBSTRUCTION
77	121+37.46	125.78R	9.09	OBSTRUCTION
78	121+86.46	116.78R	9.08	OBSTRUCTION
79	121+80.25	74.78R	8.25	OBSTRUCTION
80	123+28.47	87.80R	8.97	OBSTRUCTION
81	123+28.46	163.80R	9.81	OBSTRUCTION
82	124+37.46	163.81R	9.81	OBSTRUCTION
83	124+37.47	74.81R	8.97	OBSTRUCTION
84	124+17.47	74.81R	8.97	OBSTRUCTION

OBSTRUCTION REMOVAL

POINT	STATION	OFFSET	ELEVATION	REMARKS
85	124+17.47	87.81R	8.97	OBSTRUCTION
86	124+48.49	112.19L	9.24	OBSTRUCTION
87	124+52.50	262.19L	10.74	OBSTRUCTION
88	125+71.50	216.18L	10.38	OBSTRUCTION
89	125+62.48	104.18L	9.15	OBSTRUCTION
90	125+62.77	75.18L	8.98	OBSTRUCTION
91	126+50.49	141.17L	9.56	OBSTRUCTION
92	126+52.00	75.17L	8.98	OBSTRUCTION



Date Rec'd: 4/01/2015, 9:52 AM
 Layout Name: DEMOLITION PLAN 1
 File Path and Name: W:\Projects\Hooper Bay\Hooper Bay Airport Improvements 57419\Final Drawings

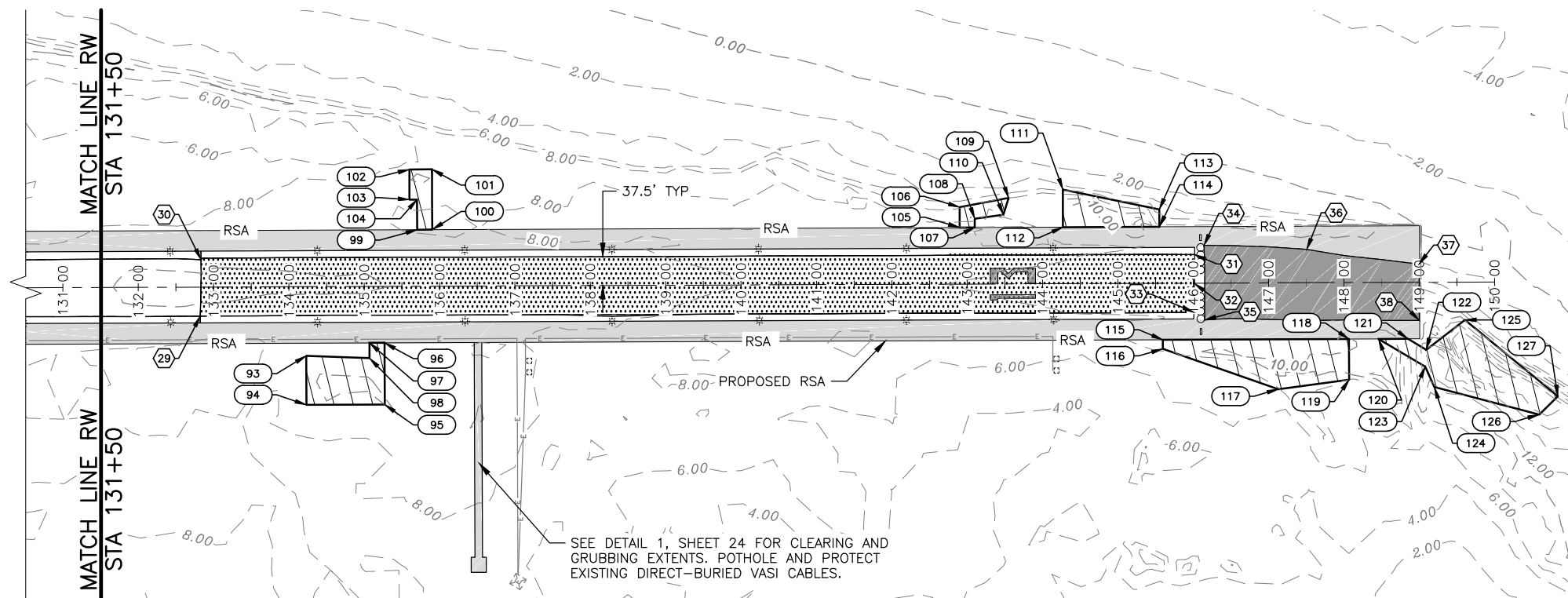
Designed By: VG
 Drawn By: VG
 Checked By: MHH

BY	DATE	REVISION

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 CENTRAL REGION

HOOPER BAY AIRPORT
 HOOPER BAY, ALASKA
 AIRPORT IMPROVEMENTS
 PROJECT No. 57419
 AIP No. 3-02-0126-006-2014
 DEMOLITION PLAN

DATE: 4/1/2015
 SHEET: 5 OF 28
 AS-BUILT SHEET:



DEMO PLAN SCHEDULE			
POINT	STATION	OFFSET	REMARKS
29	132+82.19	38.48R	PI
30	132+83.51	36.45L	PI
31	146+02.19	37.83L	PI
32	146+01.83	0.03R	PI
33	146+00.94	38.71R	PI
34	146+14.72	50.11L	PI
35	146+15.11	48.94R	PI
36	147+50.89	44.22L	PI
37	148+99.89	24.11L	PI
38	148+99.76	50.50R	PI

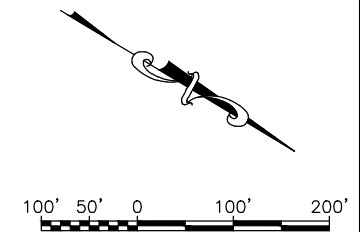
OBSTRUCTION REMOVAL					
POINT	STATION	OFFSET	ELEVATION	REMARKS	
93	134+22.46	91.91R	9.03	OBSTRUCTION	
94	134+22.46	156.91R	9.74	OBSTRUCTION	
95	135+26.46	156.92R	9.74	OBSTRUCTION	
96	135+26.47	74.92R	9.07	OBSTRUCTION	
97	135+06.47	74.92R	9.06	OBSTRUCTION	
98	135+06.46	95.15R	9.06	OBSTRUCTION	
99	135+70.48	75.07L	9.28	OBSTRUCTION	
100	135+90.48	75.07L	9.28	OBSTRUCTION	
101	135+90.49	155.07L	9.72	OBSTRUCTION	
102	135+60.49	155.07L	9.72	OBSTRUCTION	
103	135+60.49	115.07L	9.28	OBSTRUCTION	
104	135+70.49	115.07L	9.28	OBSTRUCTION	

OBSTRUCTION REMOVAL					
POINT	STATION	OFFSET	ELEVATION	REMARKS	
105	142+90.48	75.00L	8.95	OBSTRUCTION	
106	142+90.48	102.00L	9.14	OBSTRUCTION	
107	143+10.48	75.00L	8.98	OBSTRUCTION	
108	143+10.48	86.76L	8.98	OBSTRUCTION	
109	143+55.49	113.99L	9.28	OBSTRUCTION	
110	143+48.48	91.99L	9.03	OBSTRUCTION	
111	144+27.49	124.99L	9.40	OBSTRUCTION	
112	144+27.48	74.99L	8.90	OBSTRUCTION	
113	145+55.48	97.97L	9.10	OBSTRUCTION	
114	145+55.48	74.97L	8.90	OBSTRUCTION	
115	145+59.47	75.03R	8.99	OBSTRUCTION	
116	145+59.47	87.03R	8.98	OBSTRUCTION	

OBSTRUCTION REMOVAL					
POINT	STATION	OFFSET	ELEVATION	REMARKS	
117	147+12.46	141.04R	9.57	OBSTRUCTION	
118	148+06.47	75.05R	8.80	OBSTRUCTION	
119	148+06.46	129.05R	9.00	OBSTRUCTION	
120	148+45.64	75.06R	8.50	OBSTRUCTION	
121	148+84.74	75.06R	8.50	OBSTRUCTION	
122	149+09.01	89.51R	13.96	OBSTRUCTION	
123	149+07.44	111.86R	13.92	OBSTRUCTION	
124	149+19.46	139.06R	14.27	OBSTRUCTION	
125	149+60.47	50.07R	15.47	OBSTRUCTION	
126			18.36	OBSTRUCTION	
127			19.09	OBSTRUCTION	

LEGEND

- REMOVE 2" ASPHALT AND 1" EMULSIFIED SAND
- REMOVE 6" EMULSIFIED SAND
- EXCAVATION FOR OBSTRUCTION REMOVAL
- CLEAR AND GRUBBING BETWEEN RUNWAY EDGE AND RSA EDGE



Date Revis: 4/01/2015, 9:52 AM
 Layout Name: DEMOLITION PLAN 2
 File Path and Name: W:\Projects\Hooper Bay\Hooper Bay Airport Improvements 57419\Final Drawings

Designed By: VG
 Drawn By: VG
 Checked By: MHH

BY	DATE	REVISION

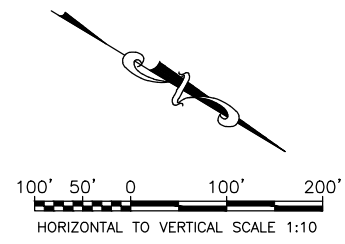
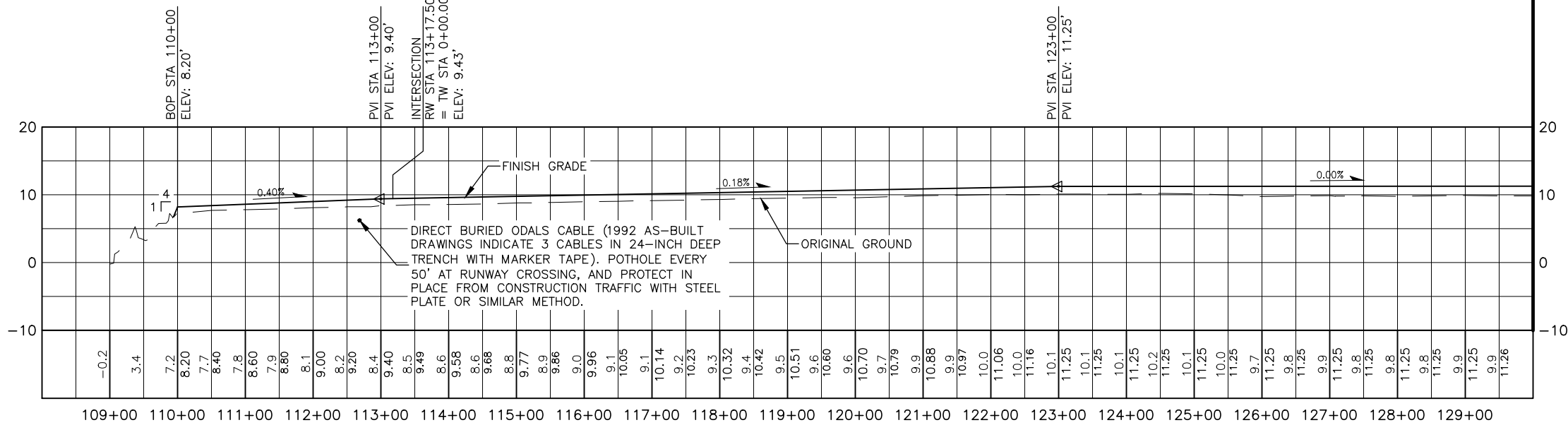
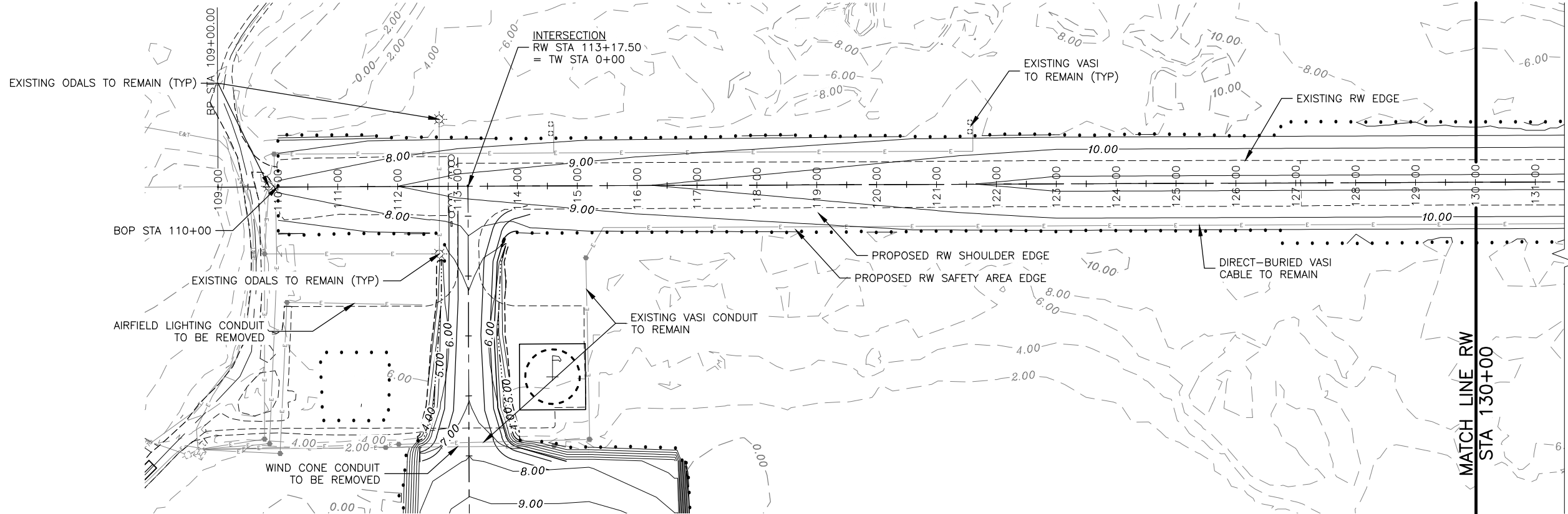
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 CENTRAL REGION

HOOPER BAY AIRPORT
 HOOPER BAY, ALASKA
 AIRPORT IMPROVEMENTS
 PROJECT No. 57419
 AIP No. 3-02-0126-006-2014
 DEMOLITION PLAN

DATE: 4/1/2015
 SHEET: 6 OF 28
 AS-BUILT SHEET:

Date Rec'd: 4/01/2015, 9:54 AM
 Layout Name: RUNWAY PLAN & PROFILE SOUTHEAST END
 File Path and Name: W:\Projects\Hooper Bay\Hooper Bay Airport Improvements 57419\Final Drawings

Designed By: VG
 Drawn By: VG
 Checked By: MHH



BY	DATE	REVISION

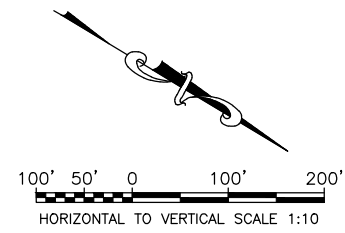
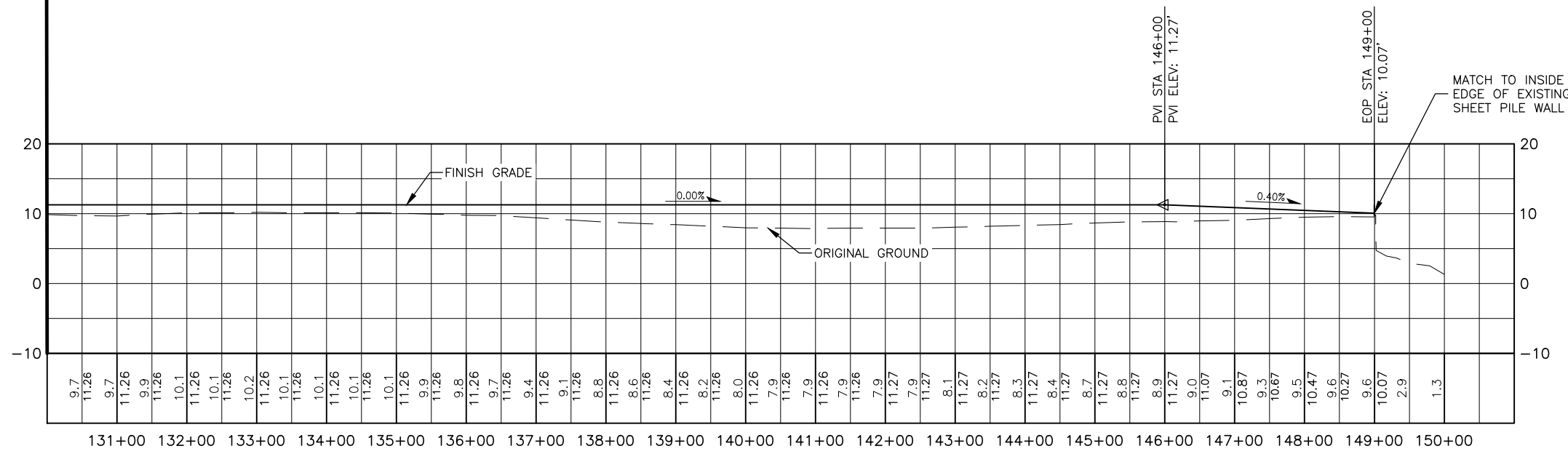
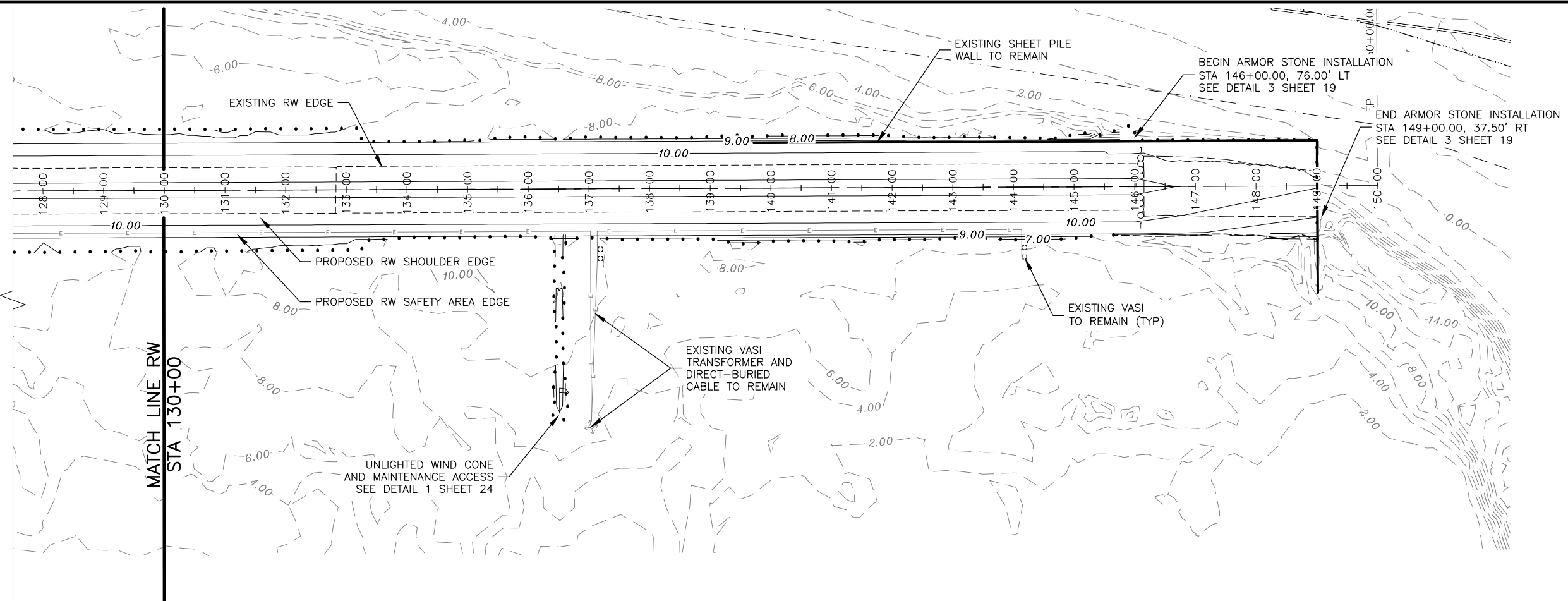
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 CENTRAL REGION

HOOPER BAY AIRPORT
HOOPER BAY, ALASKA
 AIRPORT IMPROVEMENTS
 PROJECT No. 57419
 AIP No. 3-02-0126-006-2014
 RUNWAY PLAN & PROFILE SOUTHEAST END

DATE: 3/25/2015
 SHEET: 7 OF 28
 AS-BUILT SHEET:

Date Revis: 4/01/2015, 9:54 AM
 Layout Name: RUNWAY PLAN & PROFILE NORTHWEST END
 File Path and Name: W:\Projects\Hooper Bay\Hooper Bay Airport Improvements 57419\Final Drawings

Designed By: VG
 Drawn By: VG
 Checked By: MHH

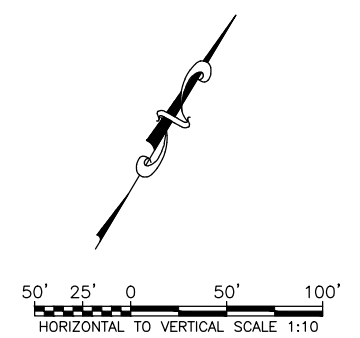
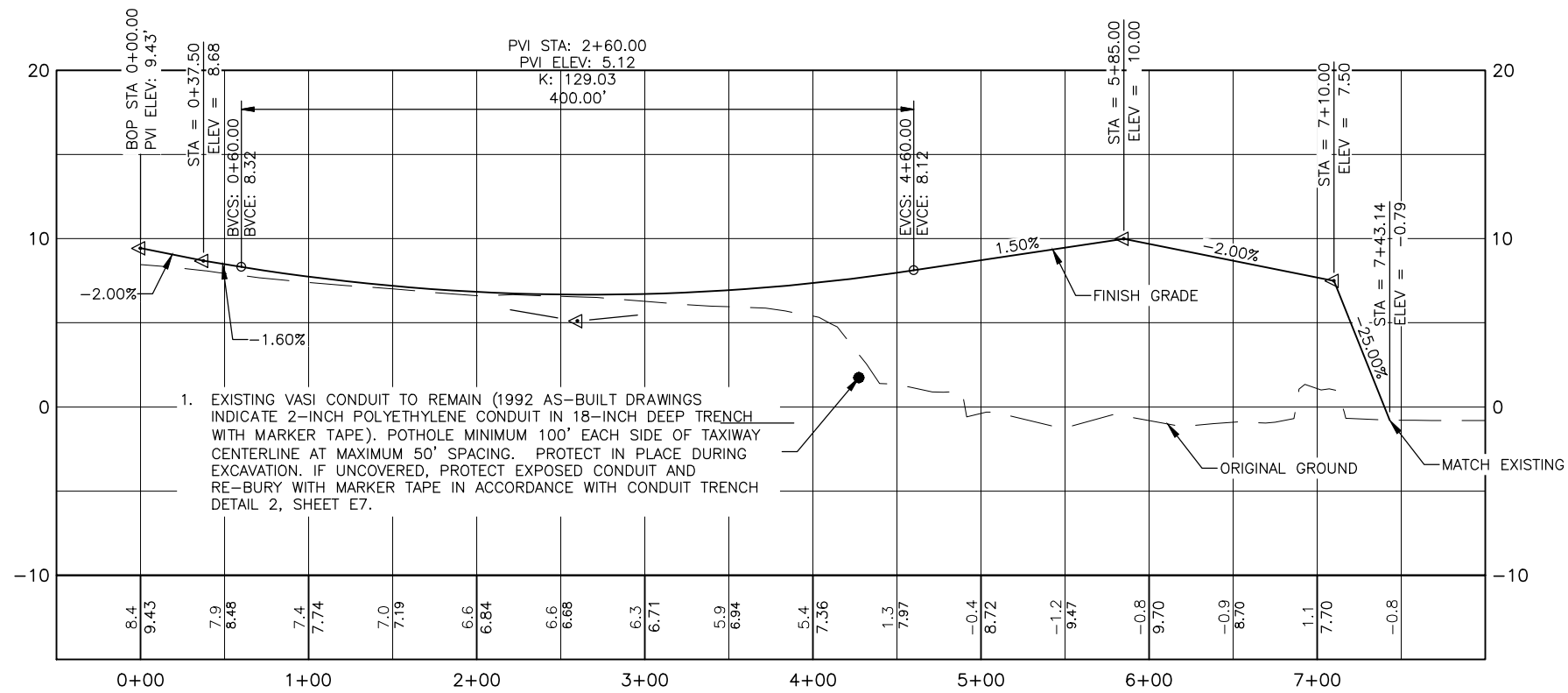
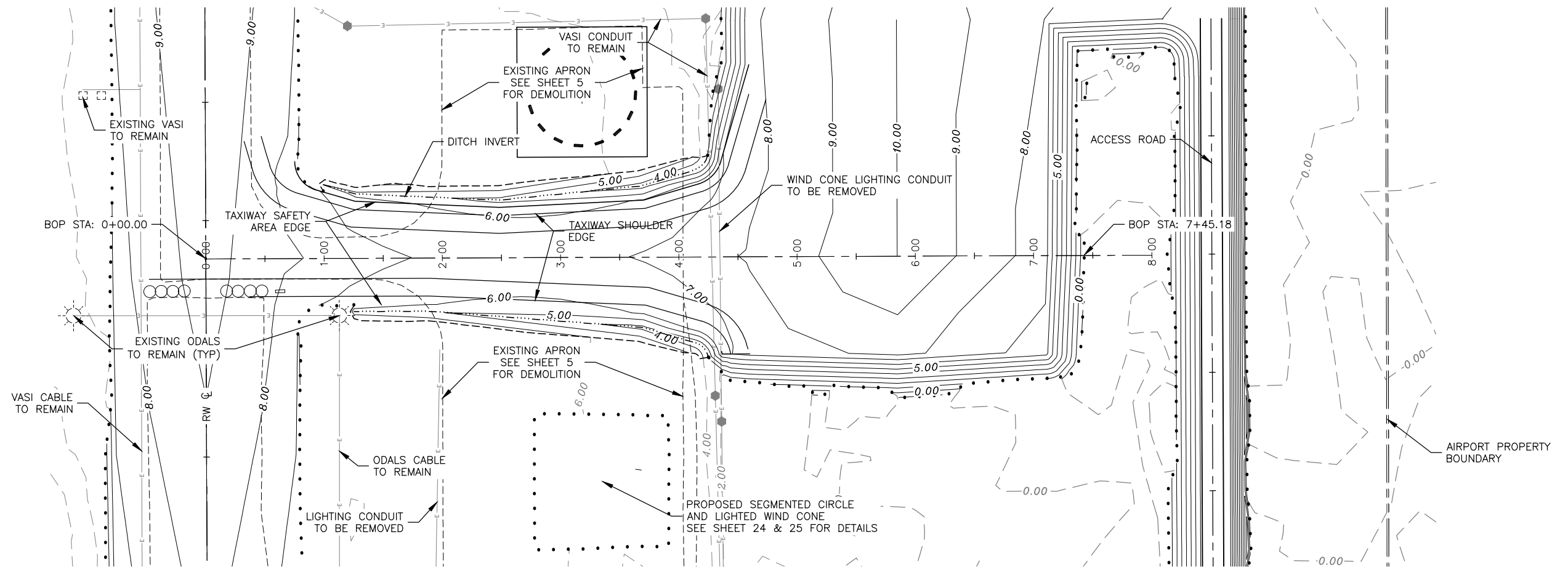


BY	DATE	REVISION

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 CENTRAL REGION

HOOPER BAY AIRPORT
HOOPER BAY, ALASKA
 AIRPORT IMPROVEMENTS
 PROJECT No. 57419
 AIP No. 3-02-0126-006-2014
 RUNWAY PLAN & PROFILE NORTHWEST END

DATE: 3/25/2015
 SHEET: 8 OF 28
 AS-BUILT SHEET:



Date Rec'd: 4/01/2015, 9:54 AM
 Layout Name: TAXIWAY PLAN & PROFILE
 File Path and Name: W:\Projects\Hooper Bay\Hooper Bay Airport Improvements 57419\Final Drawings

Designed By: VG
 Drawn By: VG
 Checked By: MHH

BY	DATE	REVISION

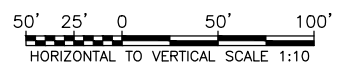
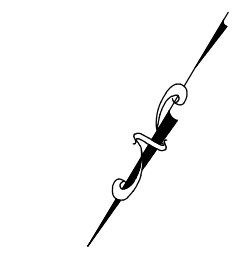
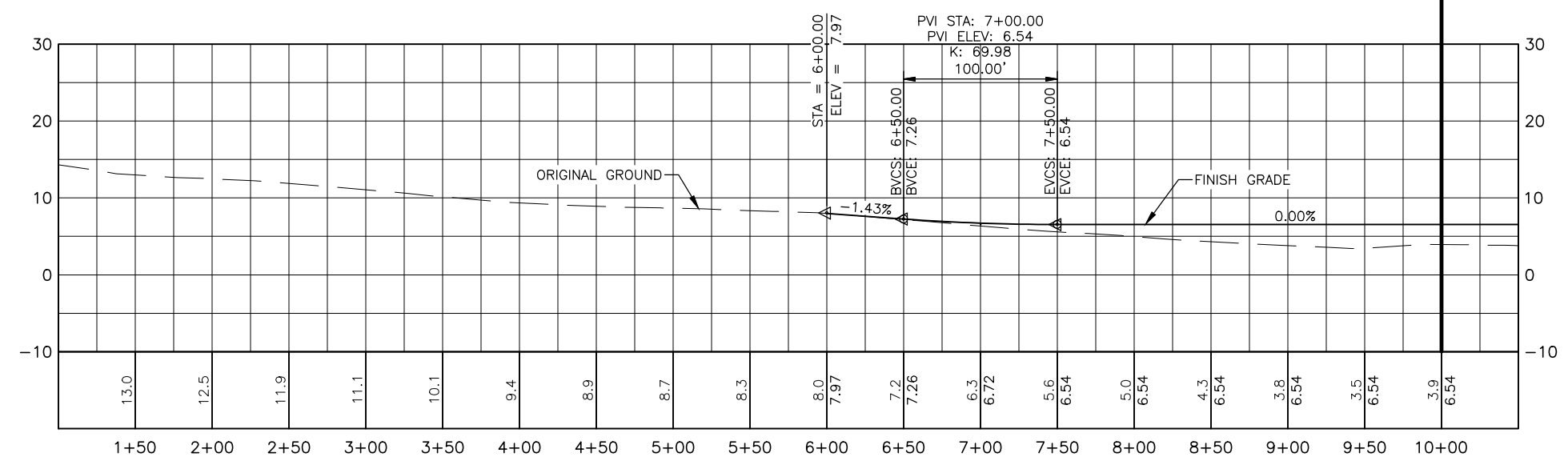
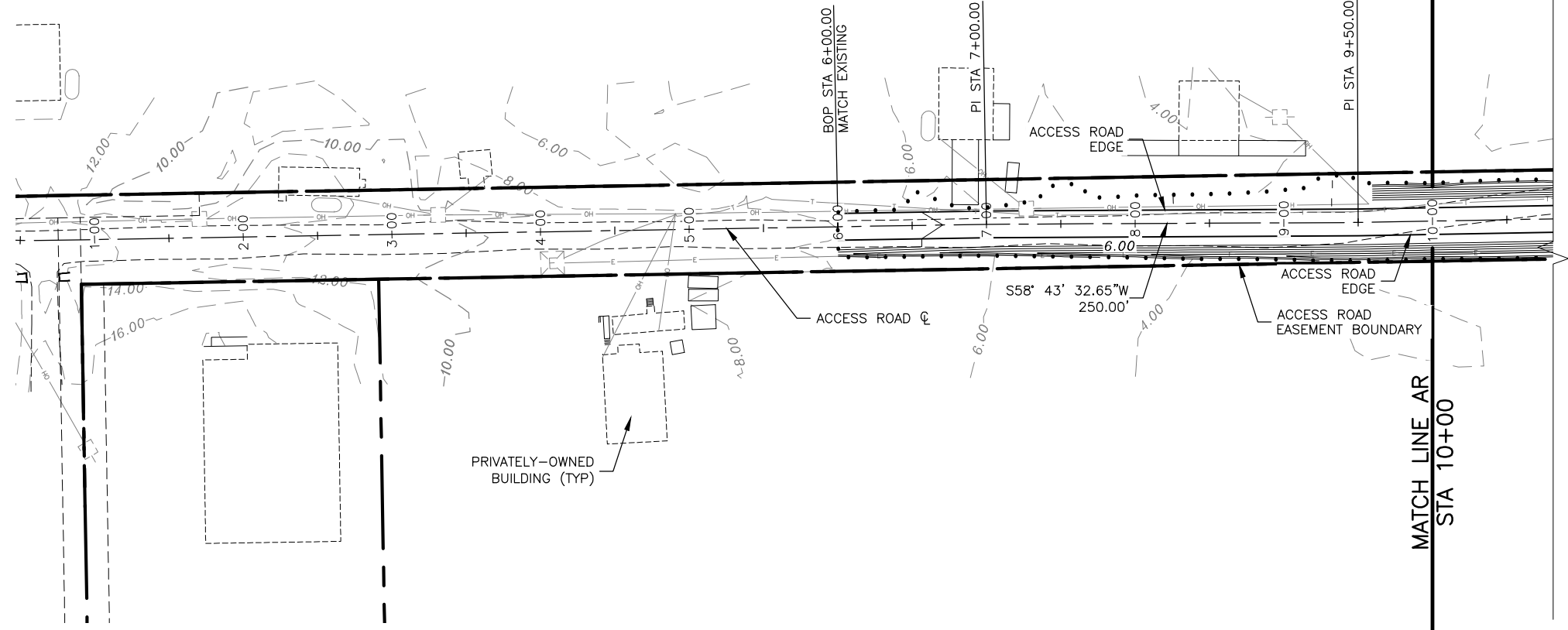
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 CENTRAL REGION

HOOPER BAY AIRPORT
HOOPER BAY, ALASKA
 AIRPORT IMPROVEMENTS
 PROJECT No. 57419
 AIP No. 3-02-0126-006-2014
 TAXIWAY PLAN & PROFILE

DATE: 3/25/2015
 SHEET: 9 OF 28
 AS-BUILT SHEET:

Date Recvied: 4/01/2015 9:54 AM
 Layout Name: ACCESS ROAD PLAN & PROFILE STA 0+00.00 TO 10+00.00
 File Path and Name: W:\Projects\Hooper Bay\Hooper Bay Airport Improvements 57419\Final Drawings

Designed By: VG
 Drawn By: VG
 Checked By: MHH



BY	DATE	REVISION

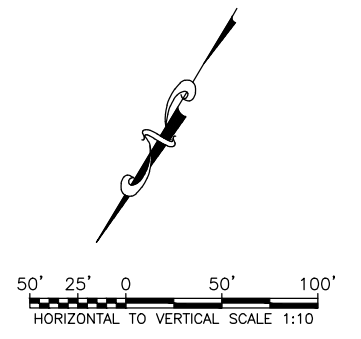
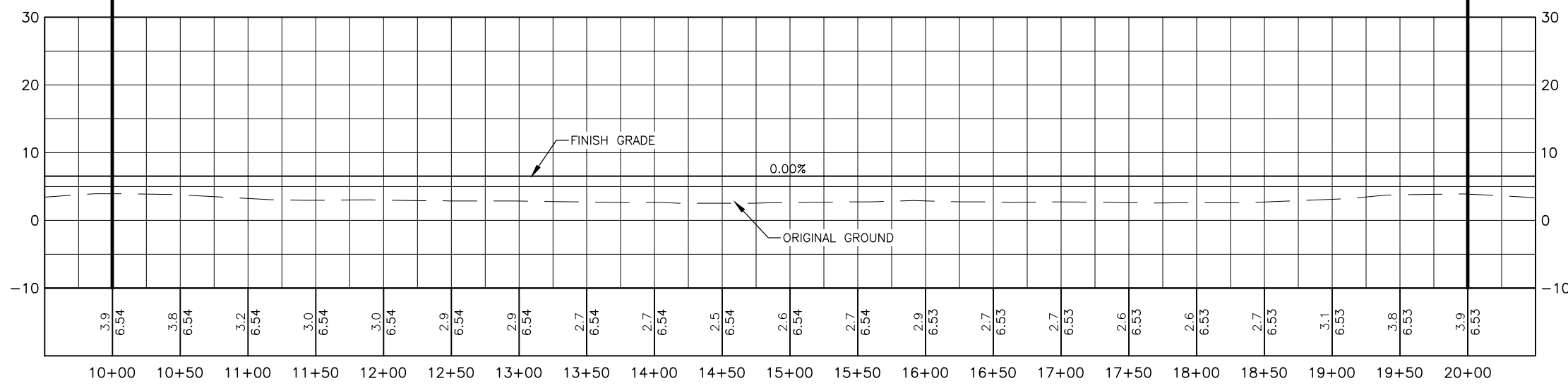
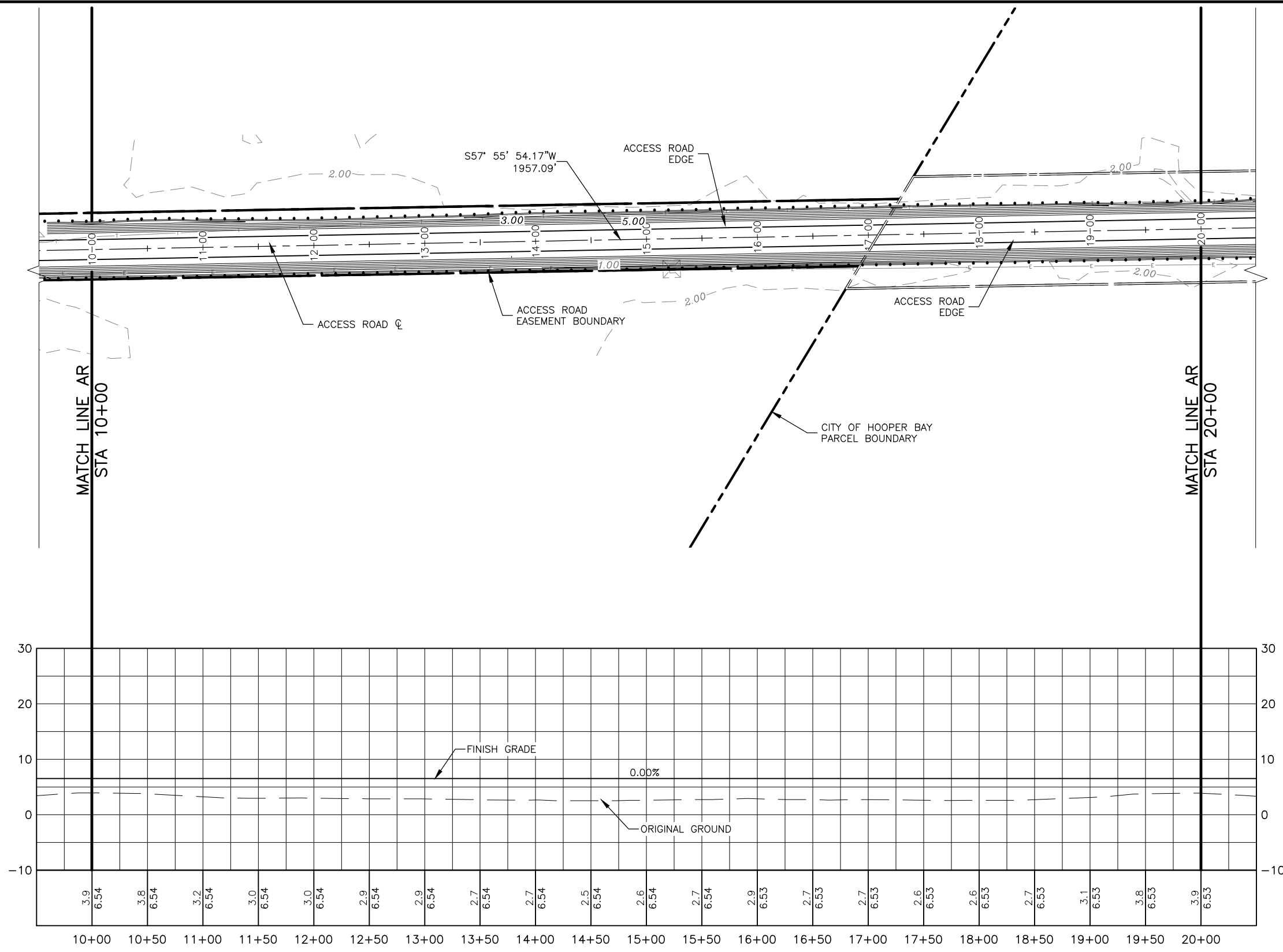
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 CENTRAL REGION

HOOPER BAY AIRPORT
 HOOPER BAY, ALASKA
 AIRPORT IMPROVEMENTS
 PROJECT No. 57419
 AIP No. 3-02-0126-006-2014
 ACCESS ROAD PLAN & PROFILE
 STA 0+00.00 TO 10+00.00

DATE: 3/25/2015
 SHEET: 10 OF 28
 AS-BUILT SHEET:

Date Reviset: 4/01/2015, 9:55 AM
 Layout Name: ACCESS ROAD PLAN & PROFILE STA 10+00.00 TO 20+00.00
 File Path and Name: W:\Projects\Hooper Bay\Hooper Bay Airport Improvements 57419\Final Drawings

Designed By: VG
 Drawn By: VG
 Checked By: MHH



BY	DATE	REVISION

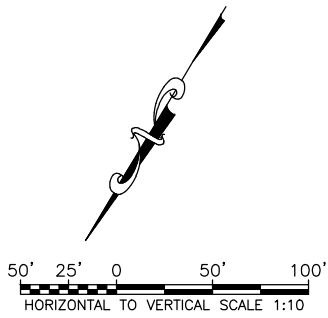
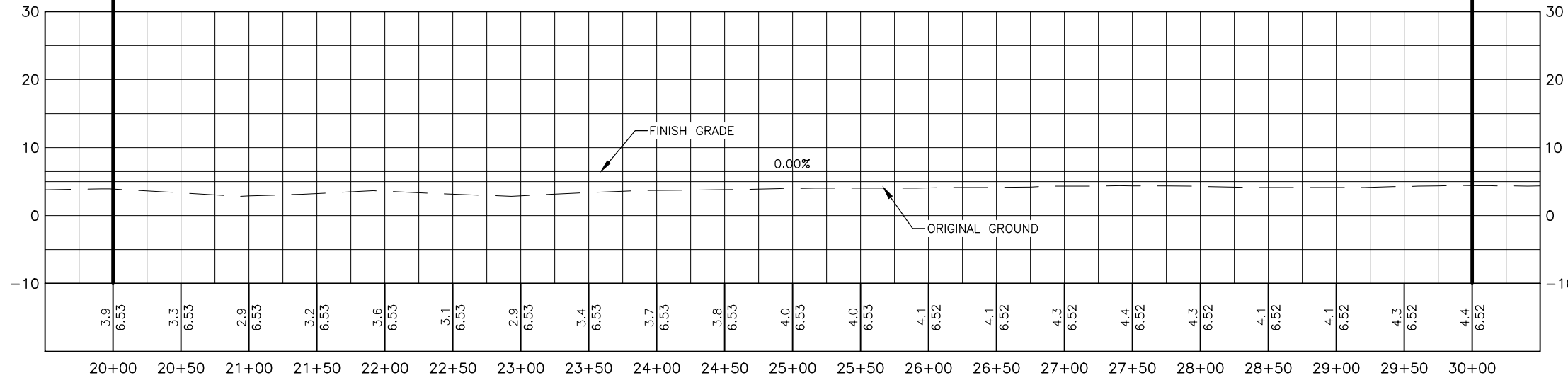
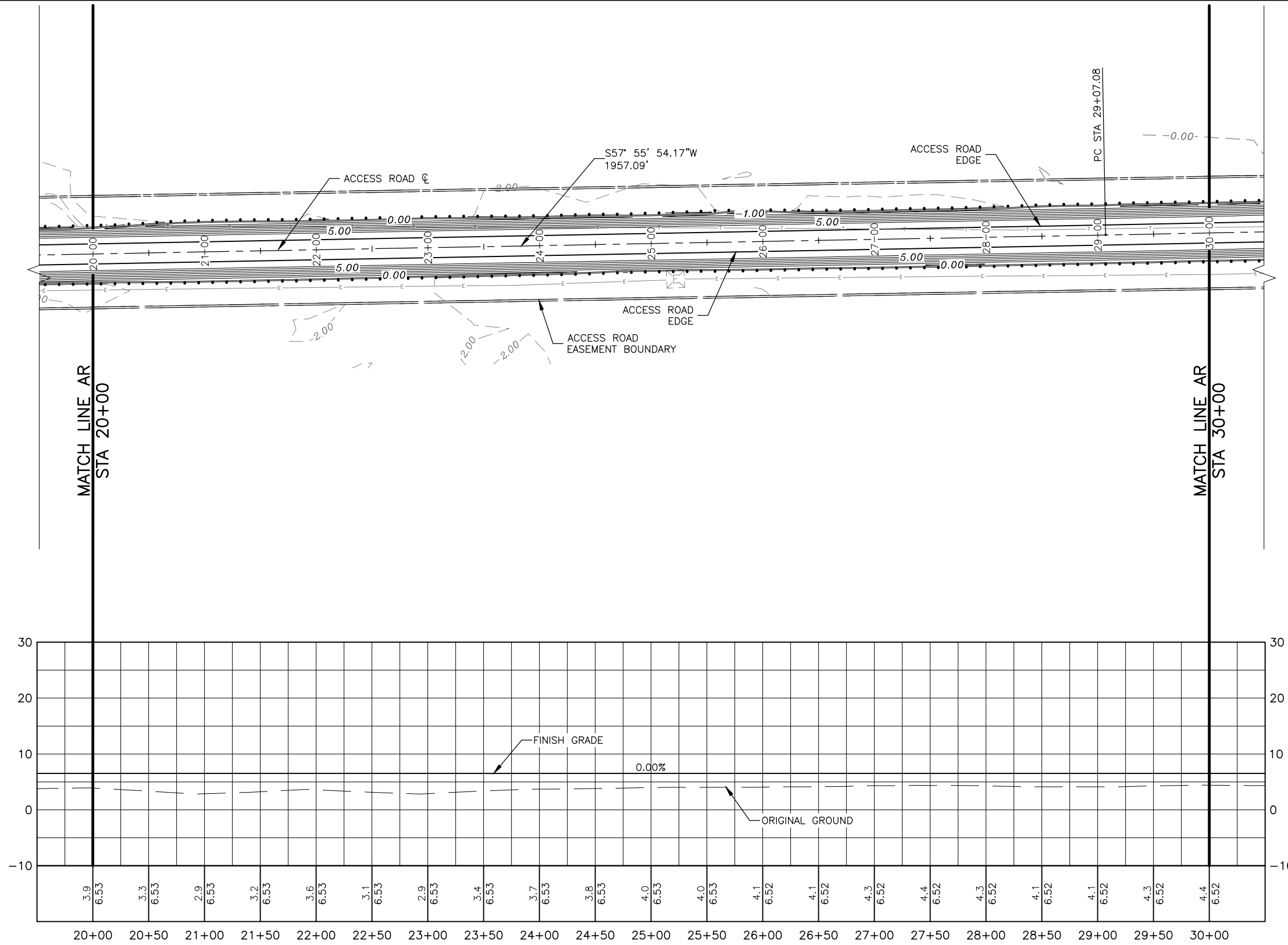
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 CENTRAL REGION

HOOPER BAY AIRPORT
HOOPER BAY, ALASKA
 AIRPORT IMPROVEMENTS
 PROJECT No. 57419
 AIP No. 3-02-0126-006-2014
 ACCESS ROAD PLAN & PROFILE
 STA 10+00.00 TO 20+00.00

DATE: 3/25/2015
 SHEET: 11 of 28
 AS-BUILT SHEET:

Date Recvied: 4/01/2015, 9:55 AM
 Layout Name: ACCESS ROAD PLAN & PROFILE STA 20+00.00 TO 30+00.00
 File Path and Name: W:\Projects\Hooper Bay\Hooper Bay Airport Improvements 57419\Final Drawings

Designed By: VG
 Drawn By: VG
 Checked By: MHH



BY	DATE	REVISION

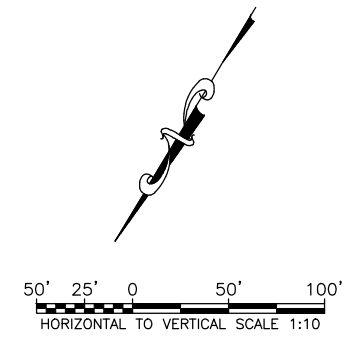
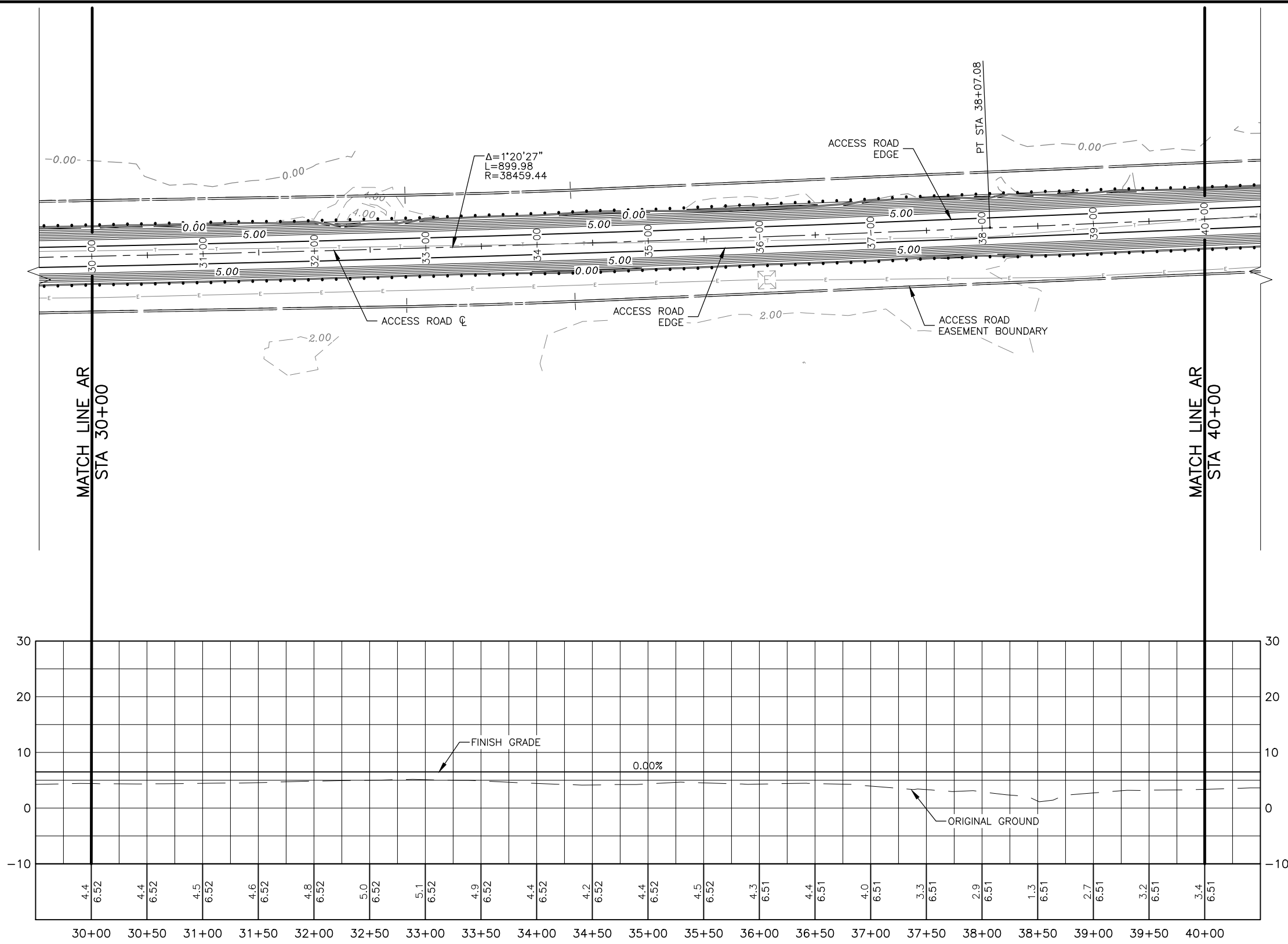
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 CENTRAL REGION

HOOPER BAY AIRPORT
 HOOPER BAY, ALASKA
 AIRPORT IMPROVEMENTS
 PROJECT No. 57419
 AIP No. 3-02-0126-006-2014
 ACCESS ROAD PLAN & PROFILE
 STA 20+00.00 TO 30+00.00

DATE: 3/25/2015
 SHEET: 12 OF 28
 AS-BUILT SHEET:

Date Reviset: 4/01/2015, 9:55 AM
 Layout Name: ACCESS ROAD PLAN & PROFILE STA 30+00.00 TO 40+00.00
 File Path and Name: W:\Projects\Hooper Bay\Hooper Bay Airport Improvements 57419\Final Drawings

Designed By: VG
 Drawn By: VG
 Checked By: MHH



BY	DATE	REVISION

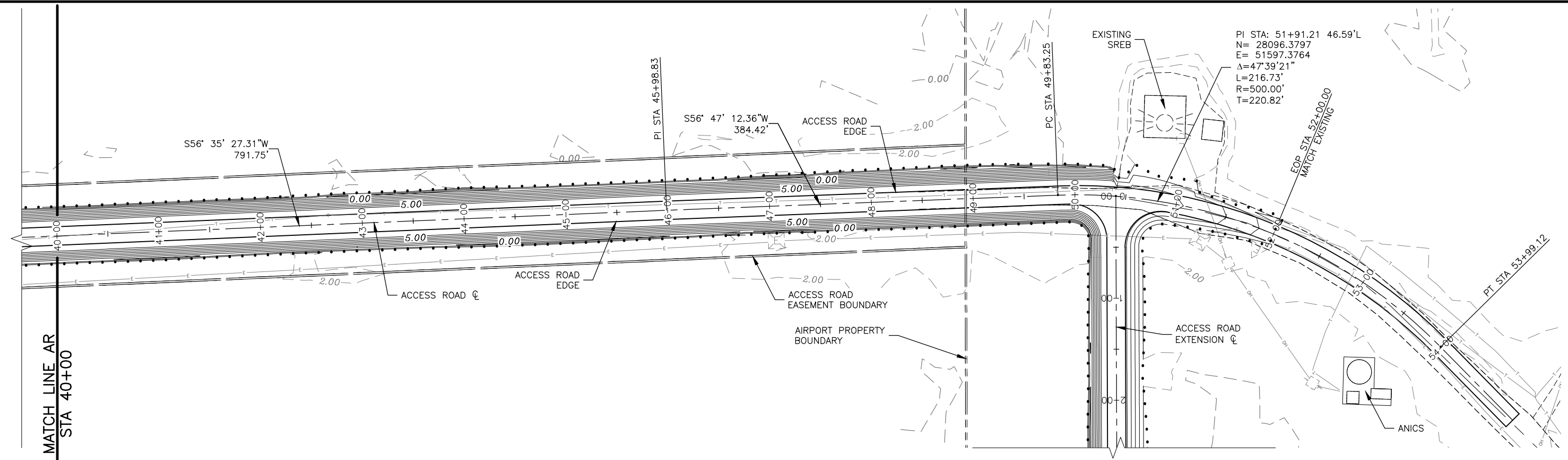
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 CENTRAL REGION

HOOPER BAY AIRPORT
 HOOPER BAY, ALASKA
 AIRPORT IMPROVEMENTS
 PROJECT No. 57419
 AIP No. 3-02-0126-006-2014
 ACCESS ROAD PLAN & PROFILE
 STA 30+00.00 TO 40+00.00

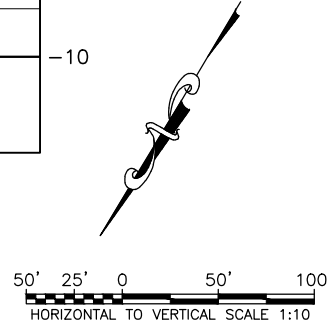
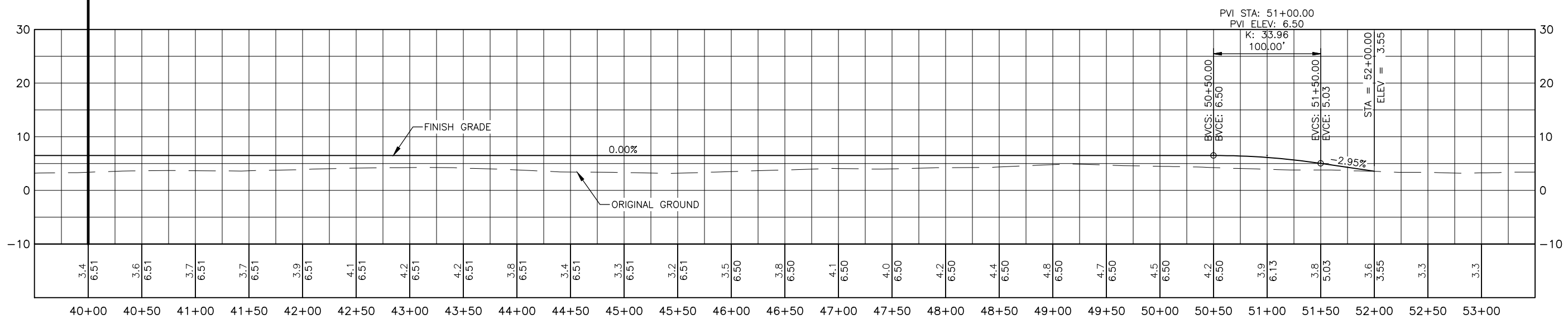
DATE: 3/25/2015
 SHEET: 13 OF 28
 AS-BUILT SHEET:

Date Revis: 4/01/2015, 9:55 AM
 Layout Name: ACCESS ROAD PLAN & PROFILE STA 40+00.00 TO 53+99.15
 File Path and Name: W:\Projects\Hooper Bay\Hooper Bay Airport Improvements 57419\Final Drawings

Designed By: VG
 Drawn By: VG
 Checked By: MHH



PI STA: 51+91.21 46.59'L
 N= 28096.3797
 E= 51597.3764
 $\Delta=47^{\circ}39'21''$
 L=216.73'
 R=500.00'
 T=220.82'

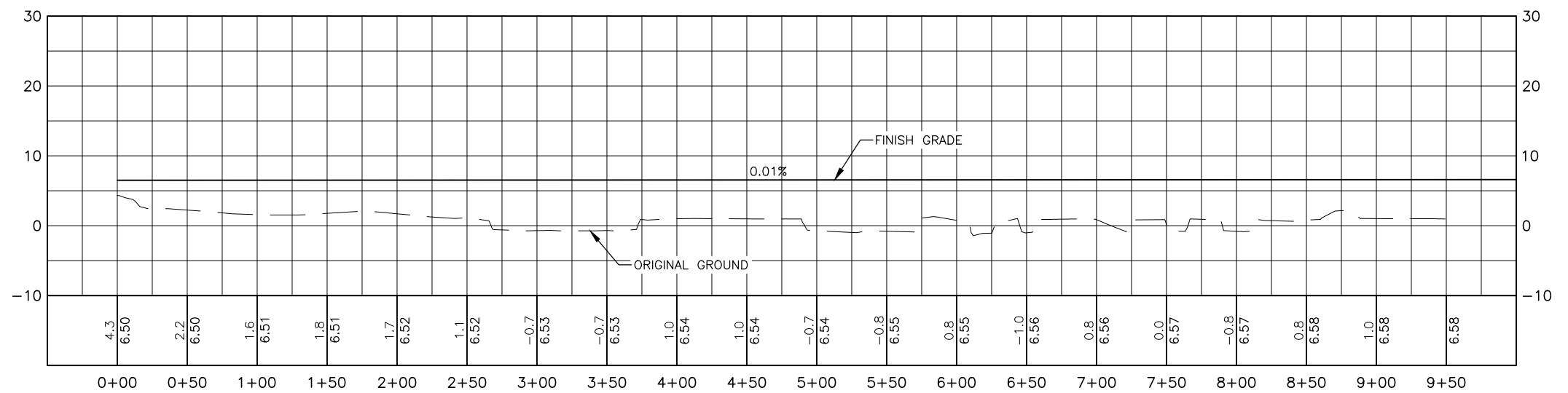
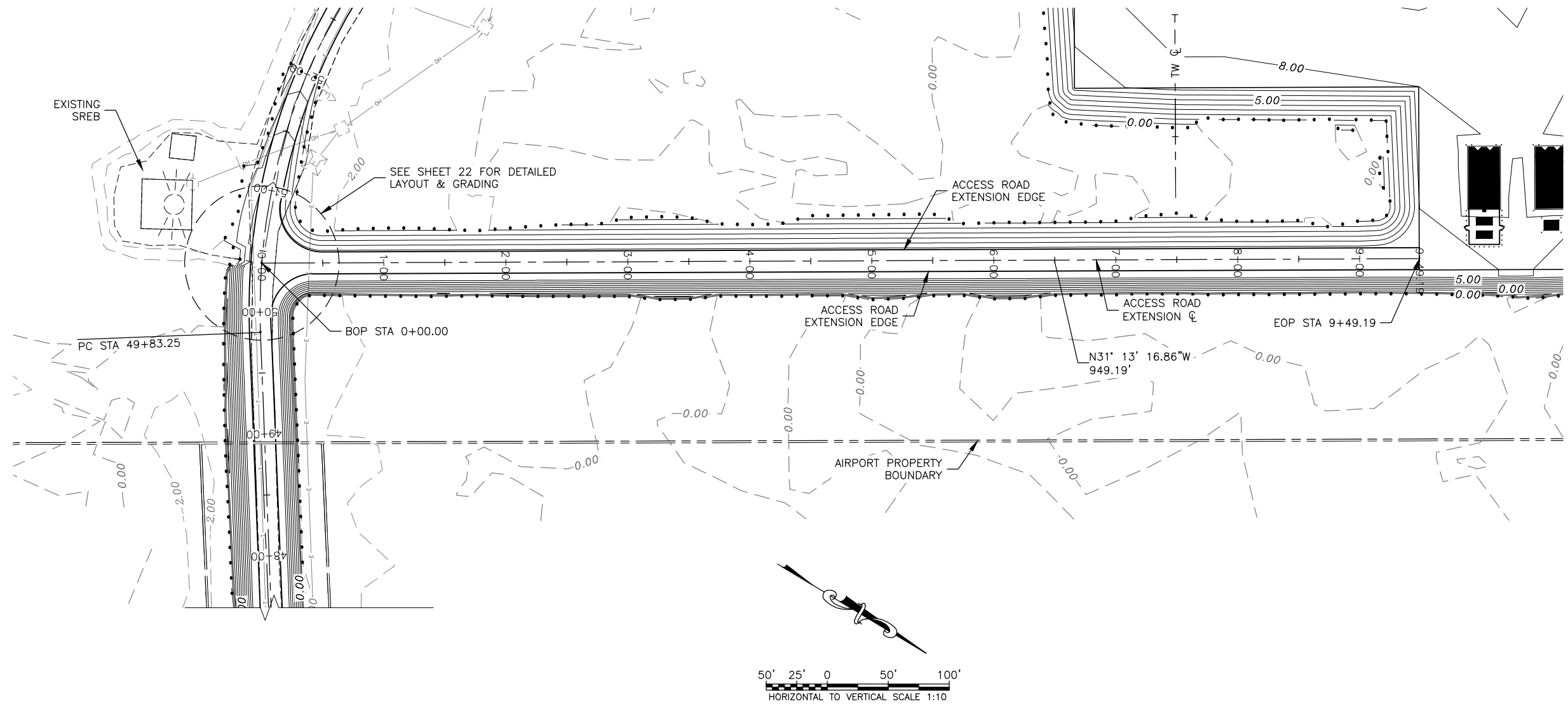


BY	DATE	REVISION

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 CENTRAL REGION

HOOPER BAY AIRPORT
 HOOPER BAY, ALASKA
 AIRPORT IMPROVEMENTS
 PROJECT No. 57419
 AIP No. 3-02-0126-006-2014
 ACCESS ROAD PLAN & PROFILE
 STA 40+00.00 TO 53+99.15

DATE: 3/25/2015
 SHEET: 14 OF 28
 AS-BUILT SHEET:



Date Received: 4/01/2015, 9:55 AM
 Layout Name: ACCESS ROAD EXTENSION PLAN & PROFILE
 File Path and Name: W:\Projects\Hooper Bay\Hooper Bay Airport Improvements 57419\Final Drawings

Designed By: VG
 Drawn By: VG
 Checked By: MHH

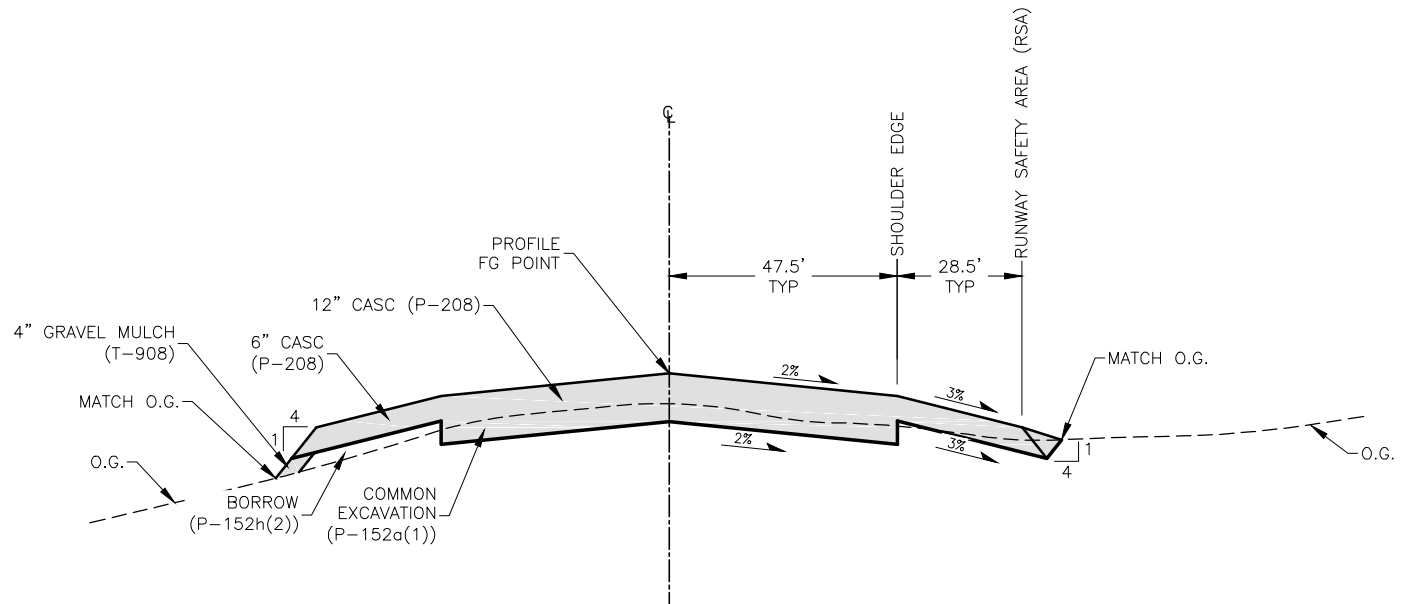
BY	DATE	REVISION

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 CENTRAL REGION

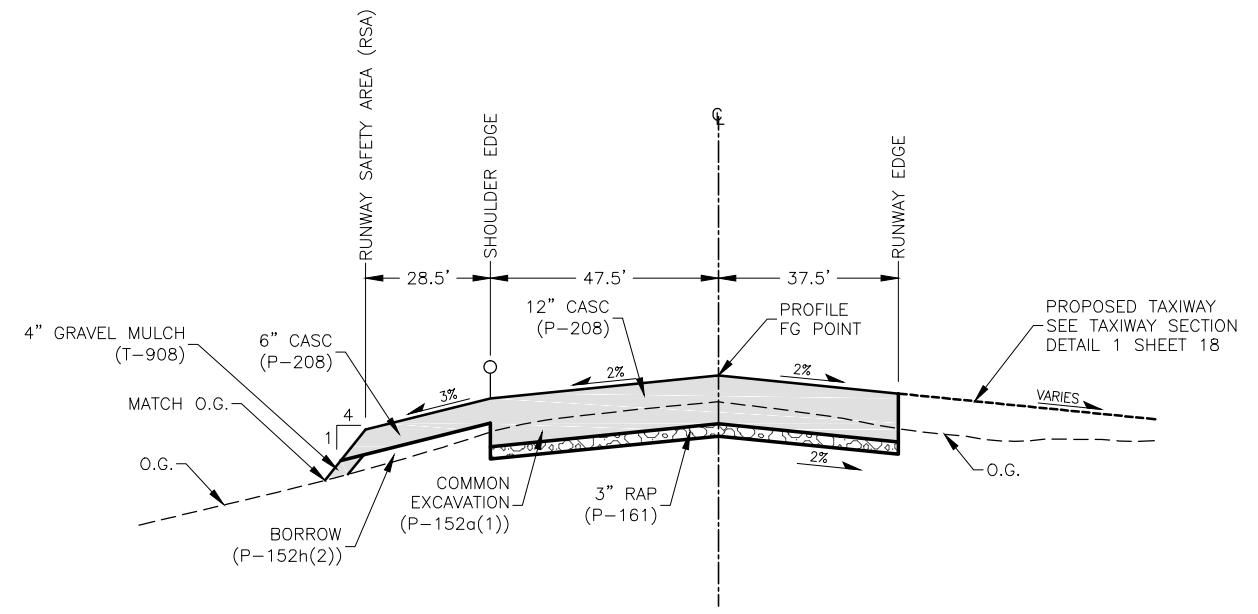
HOOPER BAY AIRPORT
 HOOPER BAY, ALASKA
 AIRPORT IMPROVEMENTS
 PROJECT No. 57419
 AIP No. 3-02-0126-006-2014
 ACCESS ROAD EXTENSION PLAN & PROFILE

DATE: 3/25/2015
 SHEET: 15 OF 28
 AS-BUILT SHEET:

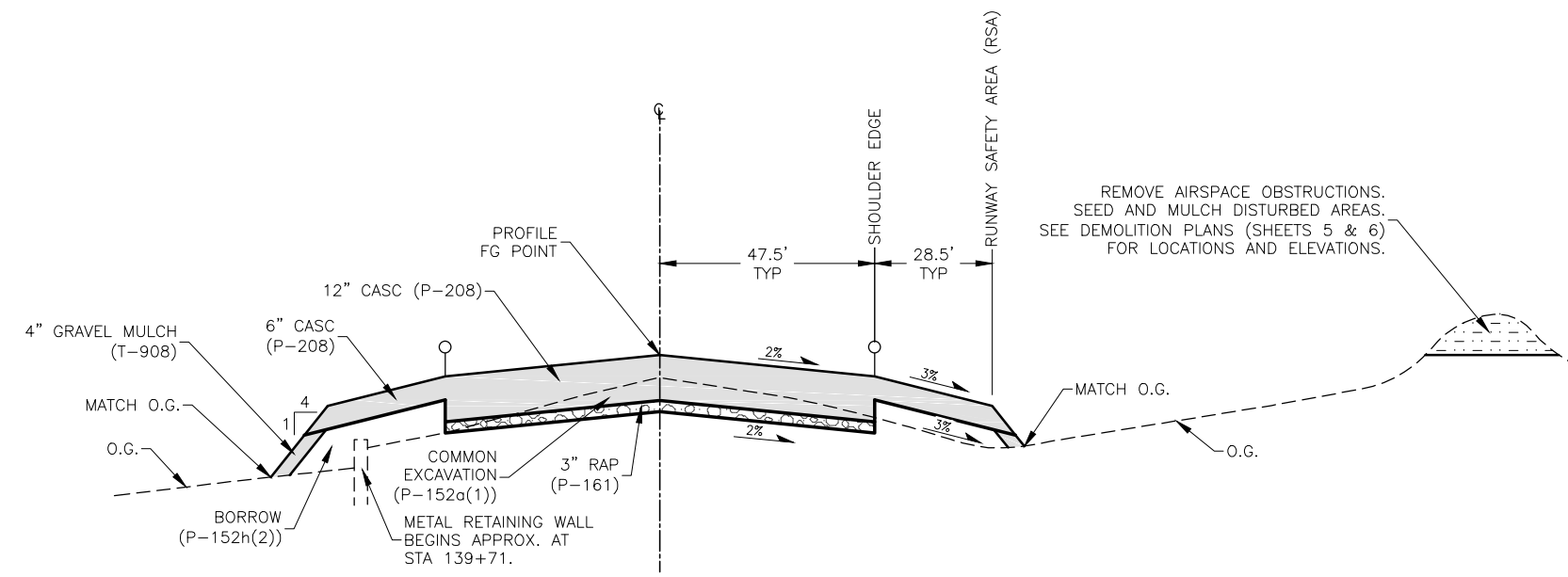
Date Rec'd: 4/01/2015, 9:55 AM
 Layout Name: TYPICAL SECTIONS 1
 File Path and Name: \\A:\Projects\Hooper Bay Airport Improvements 57419\Final Drawings



1
16 RUNWAY TYPICAL SECTION
NOT TO SCALE
STA 110+00 TO 112+53

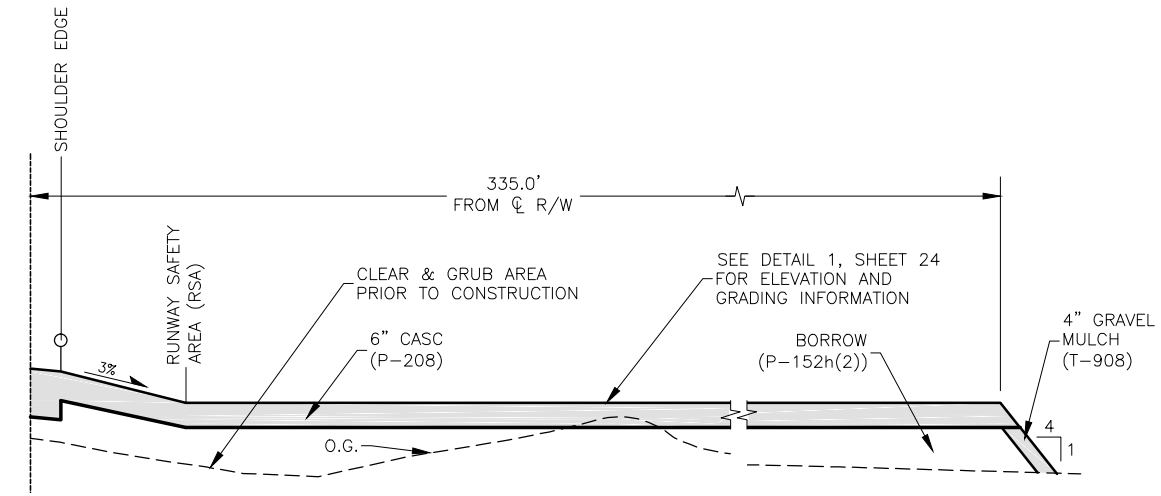


2
16 RUNWAY TYPICAL SECTION
NOT TO SCALE
STA 112+53 TO 114+20.50



3
16 RUNWAY TYPICAL SECTION
NOT TO SCALE
STA 114+20.50 TO 126+75
STA 133+25 TO 145+75*

*(APPLY TYPICAL SECTION **4** ON THE RIGHT SIDE FROM STA 136+95 TO 137+05.)



4
16 SUPPLEMENTAL WIND CONE TYPICAL SECTION
NOT TO SCALE
STA XXX+XX TO XXX+XX

LEGEND

- CRUSHED AGGREGATE SURFACE COURSE (CASC)
- CUT
- RAP

NOTES:

1. INSTALL DUST PALLIATIVE ON ALL CASC SURFACES.

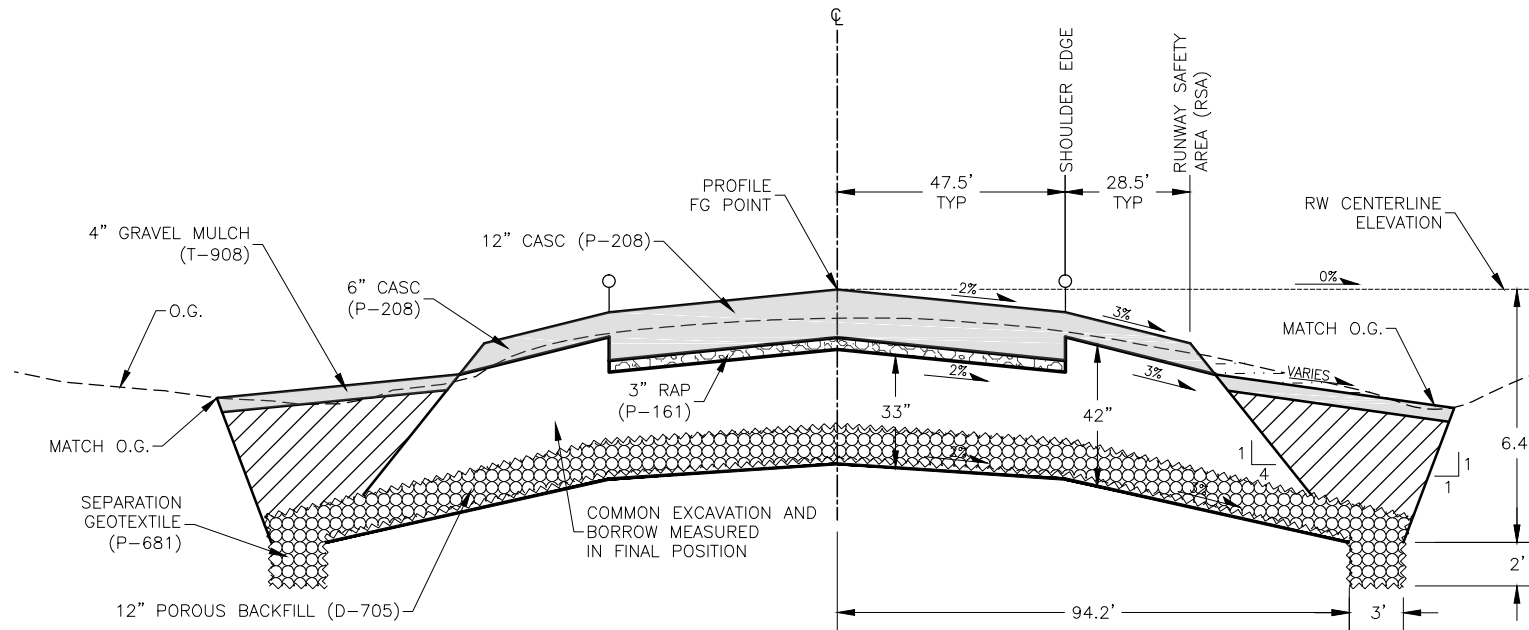
BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

HOOPER BAY AIRPORT
HOOPER BAY, ALASKA
AIRPORT IMPROVEMENTS
PROJECT No. 57419
AIP No. 3-02-0126-006-2014
TYPICAL SECTIONS

DATE: 3/31/2015
SHEET: 16 OF 28
AS-BUILT SHEET:

Date Received: 4/01/2015, 9:55 AM
 Layout Name: TYPICAL SECTIONS 2
 File Path and Name: \\A:\Projects\Hooper Bay\Hooper Bay Airport Improvements 57419\Final Drawings

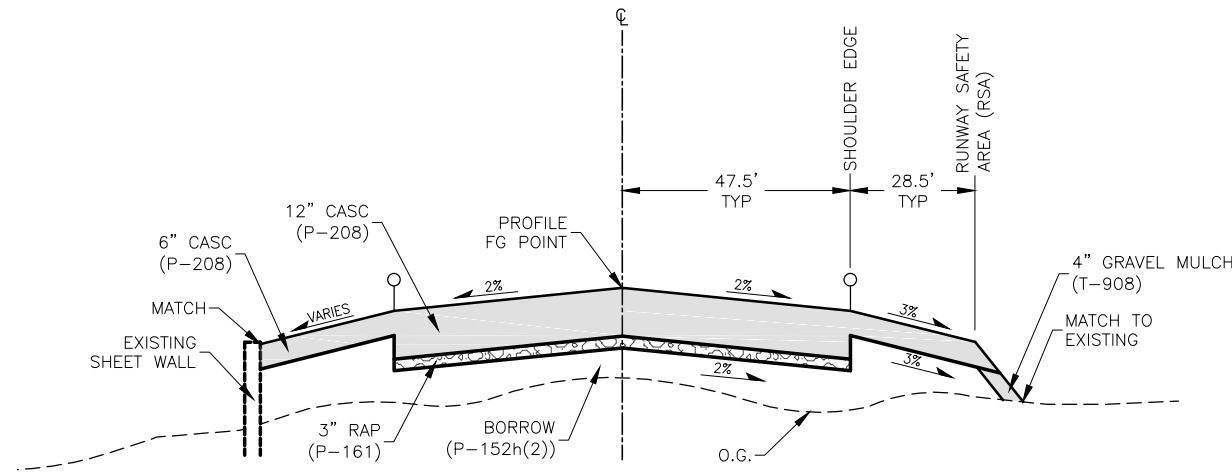


1
17 RUNWAY TYPICAL SECTION
NOT TO SCALE
STA 126+75 TO 133+25

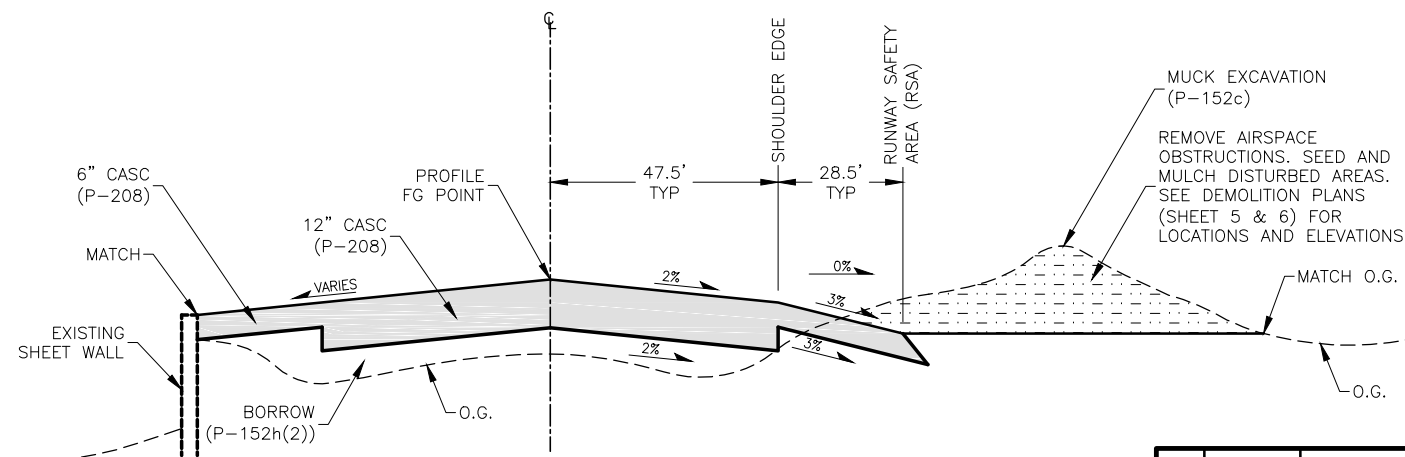
LEGEND

- CRUSHED AGGREGATE SURFACE COURSE (CASC)
- CUT
- EXCAVATE AND BACKFILL SUBGRADE
- RAP
- POROUS BACKFILL

- NOTES:**
- INSTALL DUST PALLIATIVE ON ALL CASC SURFACES.
 - LIMIT VIBRATING ROLLER USAGE ADJACENT TO THE SHEET PILE WALL TO PROTECT THE WALL FROM DAMAGE.



2
17 RUNWAY TYPICAL SECTION
NOT TO SCALE
STA 145+75 TO 146+00



3
17 RUNWAY TYPICAL SECTION
NOT TO SCALE
STA 146+00 TO 149+00

BY	DATE	REVISION

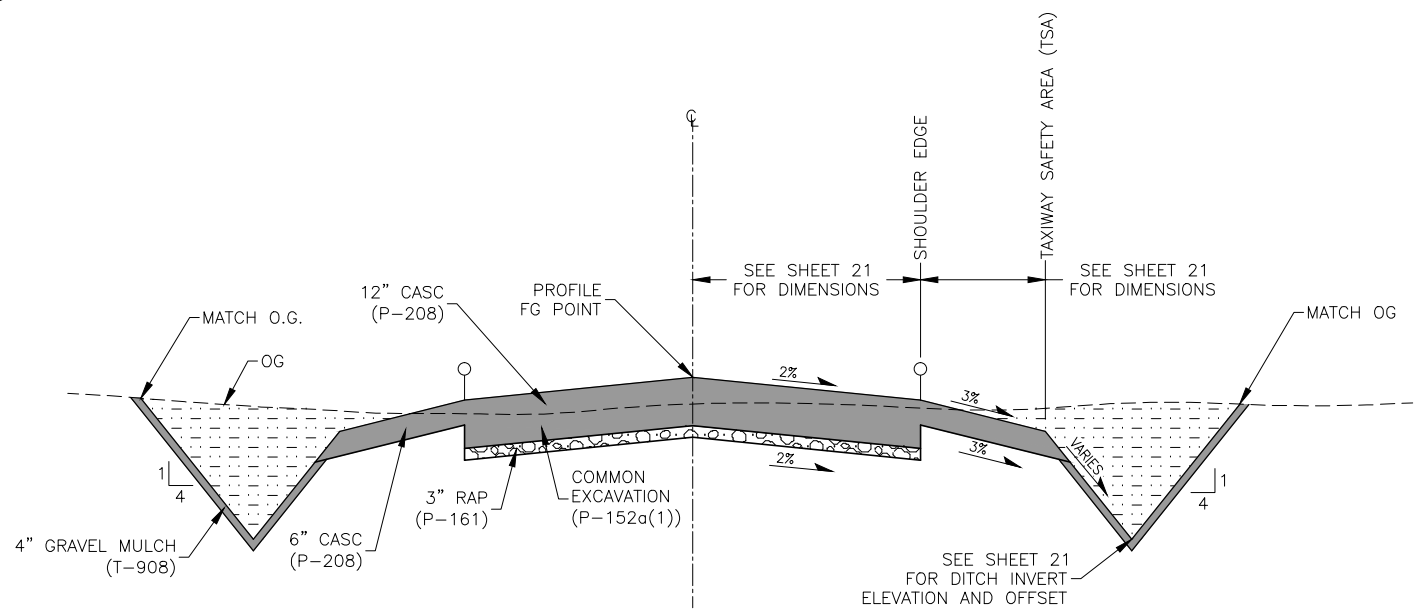
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

HOOPER BAY AIRPORT
HOOPER BAY, ALASKA
AIRPORT IMPROVEMENTS
PROJECT No. 57419
AIP No. 3-02-0126-006-2014
TYPICAL SECTIONS

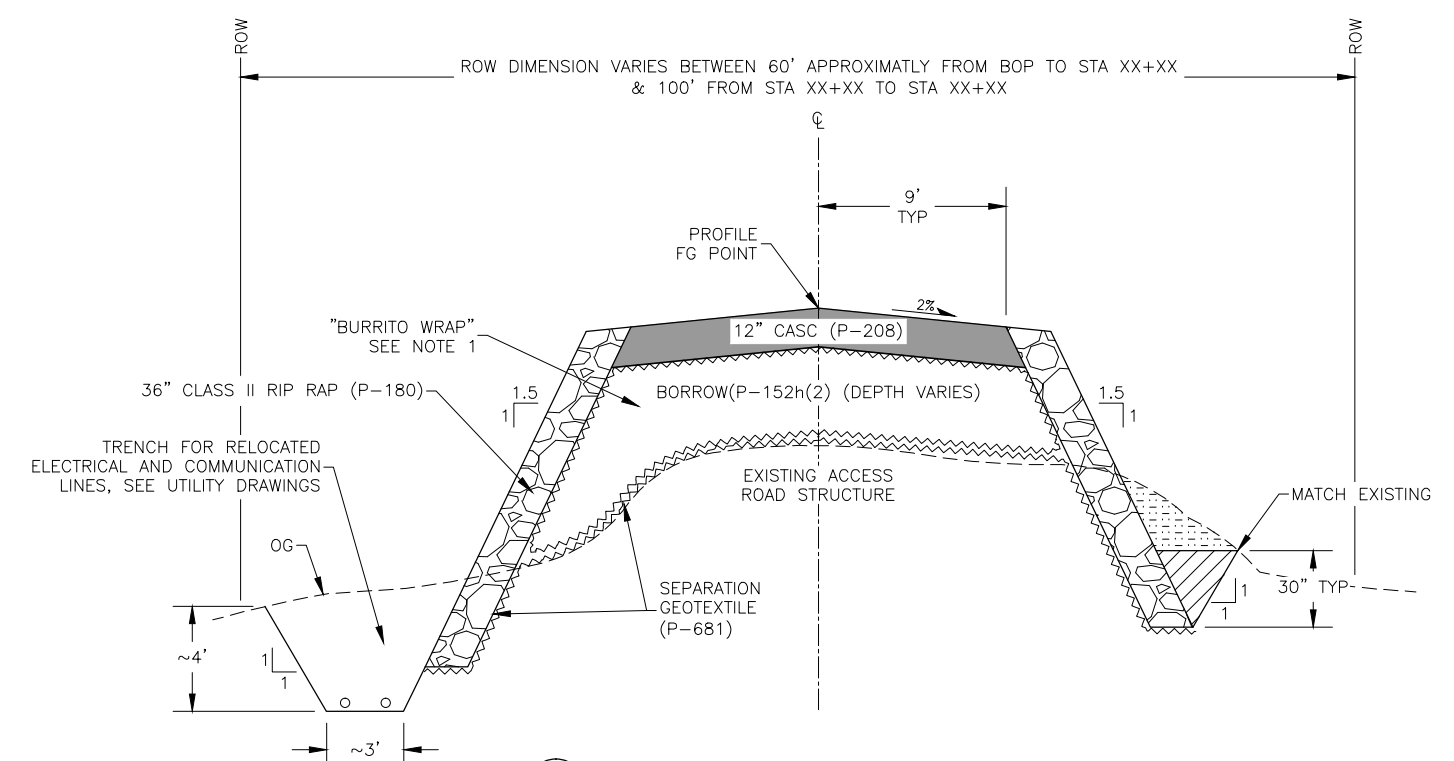
DATE: 3/31/2015
SHEET: 17 OF 28
AS-BUILT SHEET:

Date Received: 4/01/2015, 9:55 AM
 Layout Name: TYPICAL SECTIONS 3
 File Path and Name: W:\Projects\Hooper Bay Airport Improvements 57419\Final Drawings

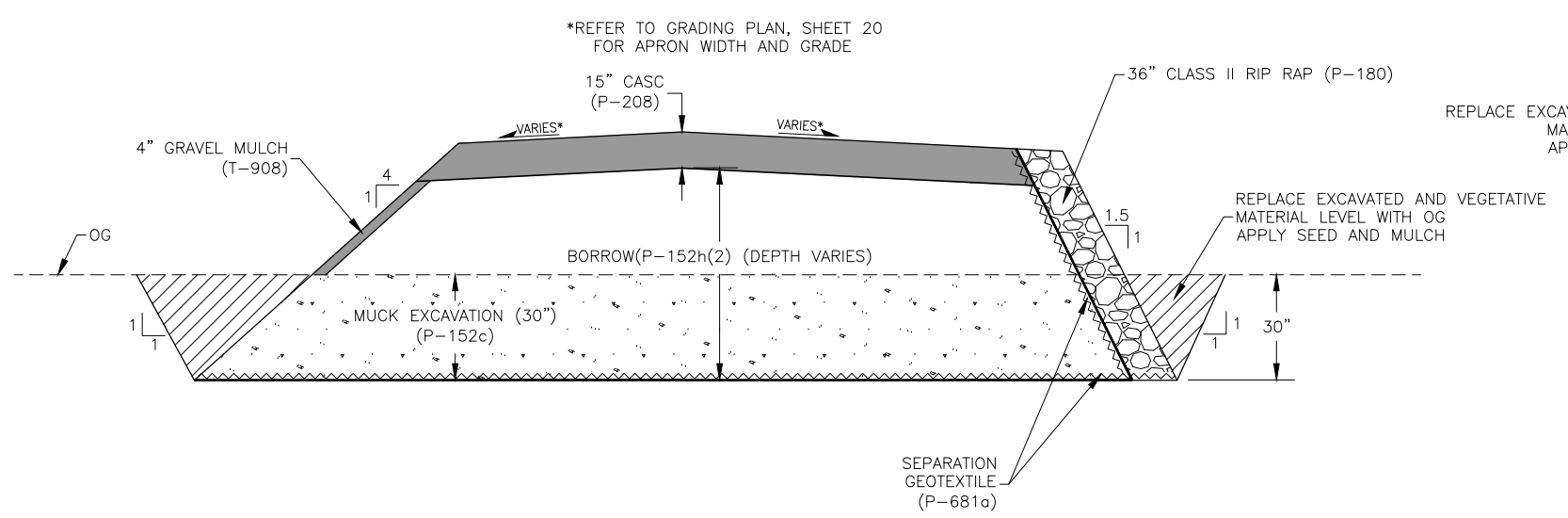
Designed By: VG
 Drawn By: VG
 Checked By: MHH



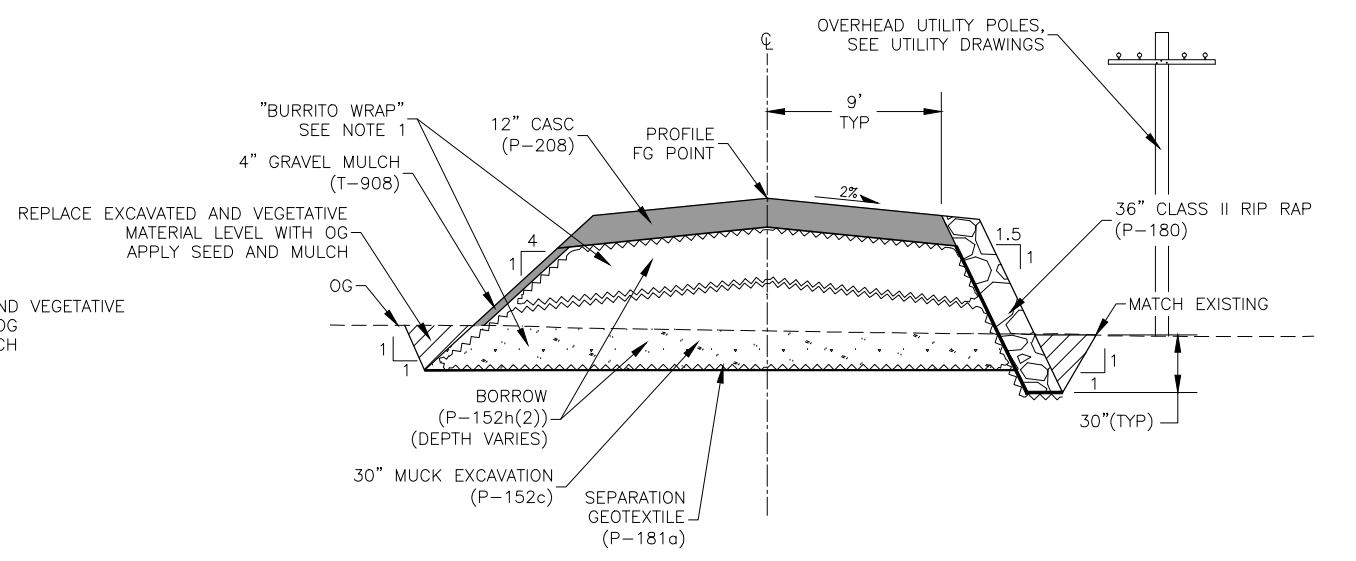
1
18 TAXIWAY TYPICAL SECTION
NOT TO SCALE



3
18 ACCESS ROAD RECONSTRUCTION
NOT TO SCALE
LEFT SIDE STA 9+60 TO 50+37
RIGHT SIDE STA 6+00 TO 49+95



2
18 APRON SECTION
NOT TO SCALE



4
18 ACCESS ROAD EXTENSION
NOT TO SCALE
STA 0+9.03 TO 9+49.19

LEGEND

- CRUSHED AGGREGATE SURFACE COURSE (CASC)
- CUT
- EXCAVATE AND BACKFILL SUBGRADE
- MUCK EXCAVATE
- RIP RAP
- RAP

NOTES:

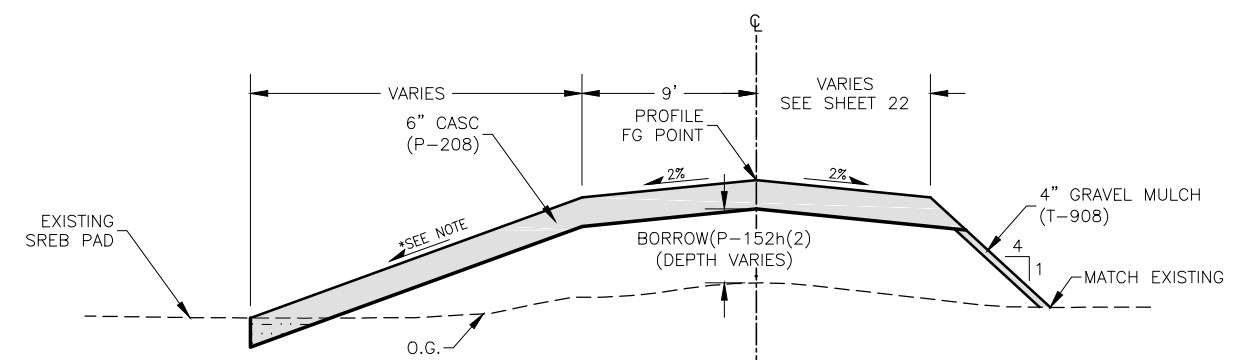
1. USE SEPARATION GEOTEXTILE TO "BURRITO WRAP" BORROW IN LAYERS OF 12-30 INCHES TO ACHIEVE DEPTH NEEDED
2. INSTALL DUST PALLIATIVE ON ALL CASC SURFACES.

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

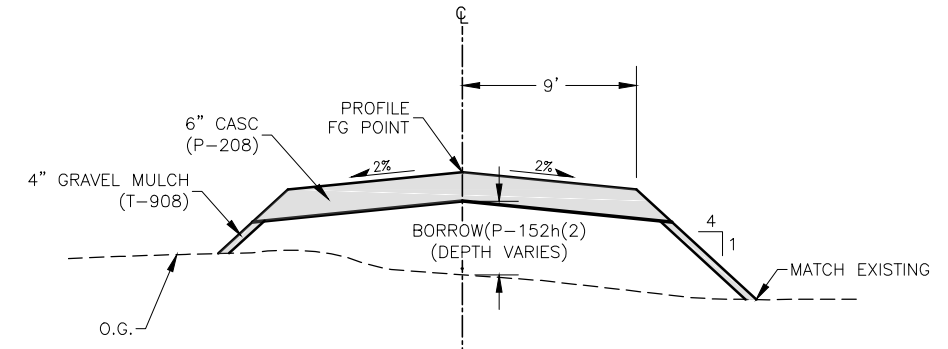
HOOPER BAY AIRPORT
HOOPER BAY, ALASKA
AIRPORT IMPROVEMENTS
PROJECT No. 57419
AIP No. 3-02-0126-006-2014
TYPICAL SECTIONS

DATE: 3/31/2015
SHEET: 18 of 28
AS-BUILT SHEET:

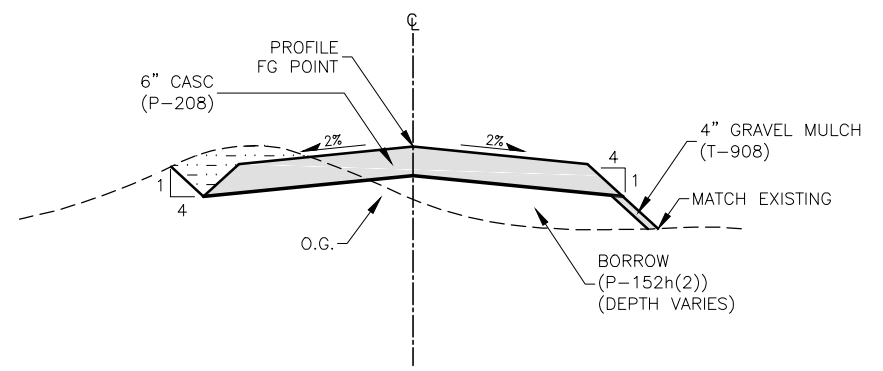


*GRADE VARIES SEE SHEET 23 FOR
 STATION 6+50 TO 6+75
 STATION 7+40 TO 7+64
 STATION 9+20 TO 9+45
 AND SHEET 22 FOR
 STATION 50+55 TO 51+15

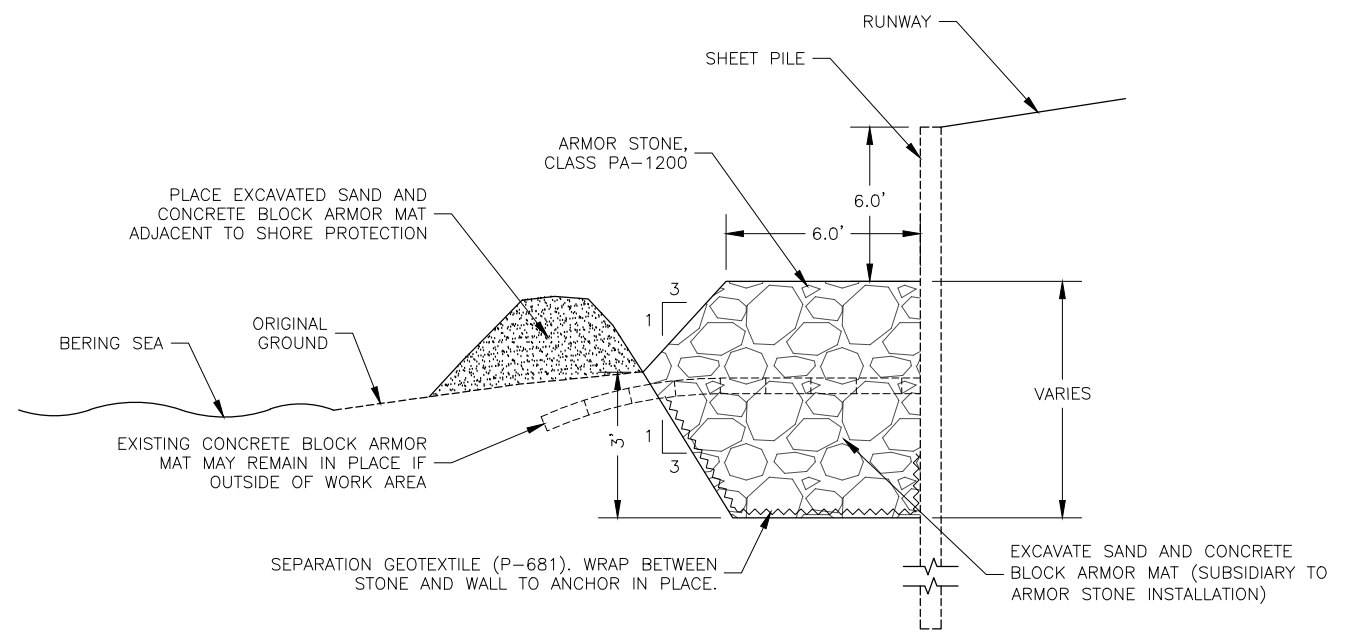
1
19
ACCESS ROAD
 NOT TO SCALE
 LEFT SIDE
 STA 6+50 TO 6+75
 STA 7+40 TO 7+64
 STA 9+20 TO 9+45
 STA 50+55.00 TO 51+15.00
 RIGHT SIDE
 NOT USED



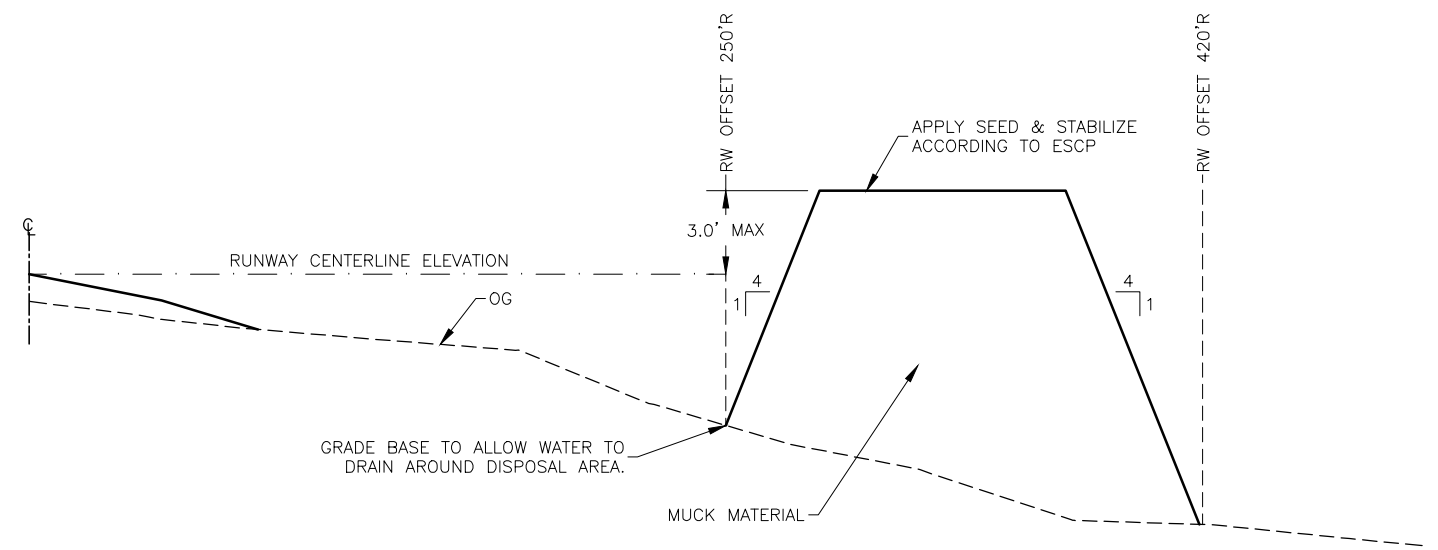
2
19
ACCESS ROAD
 NOT TO SCALE
 LEFT SIDE
 STA 51+15 TO 51+50
 RIGHT SIDE
 STA 51+00 TO 52+00



3
19
ACCESS ROAD
 NOT TO SCALE
 LEFT SIDE
 STA 51+50 TO 52+00
 RIGHT SIDE
 NOT USED



4
19
ARMORING FOR SHEET PILE WALL
 NOT TO SCALE



5
19
MUCK DISPOSAL AREA TYPICAL SECTION
 NOT TO SCALE
 STA 115+39.80 TO 122+19.80

- LEGEND**
- CRUSHED AGGREGATE SURFACE COURSE (CASC)
 - CUT
 - EXCAVATED SAND
 - ARMOR STONE
 - RAP

- NOTES:**
1. USE SEPARATION GEOTEXTILE TO "BURRITO WRAP" BORROW IN LAYERS OF 12-30 INCHES TO ACHIEVE DEPTH NEEDED
 2. INSTALL DUST PALLIATIVE ON ALL CASC SURFACES.

Date Revis: 4/01/2015 9:55 AM
 Layout Name: TYPICAL SECTIONS 4
 File Path and Name: W:\Projects\Hooper Bay\Hooper Bay Airport Improvements 57419\Final Drawings

BY	DATE	REVISION

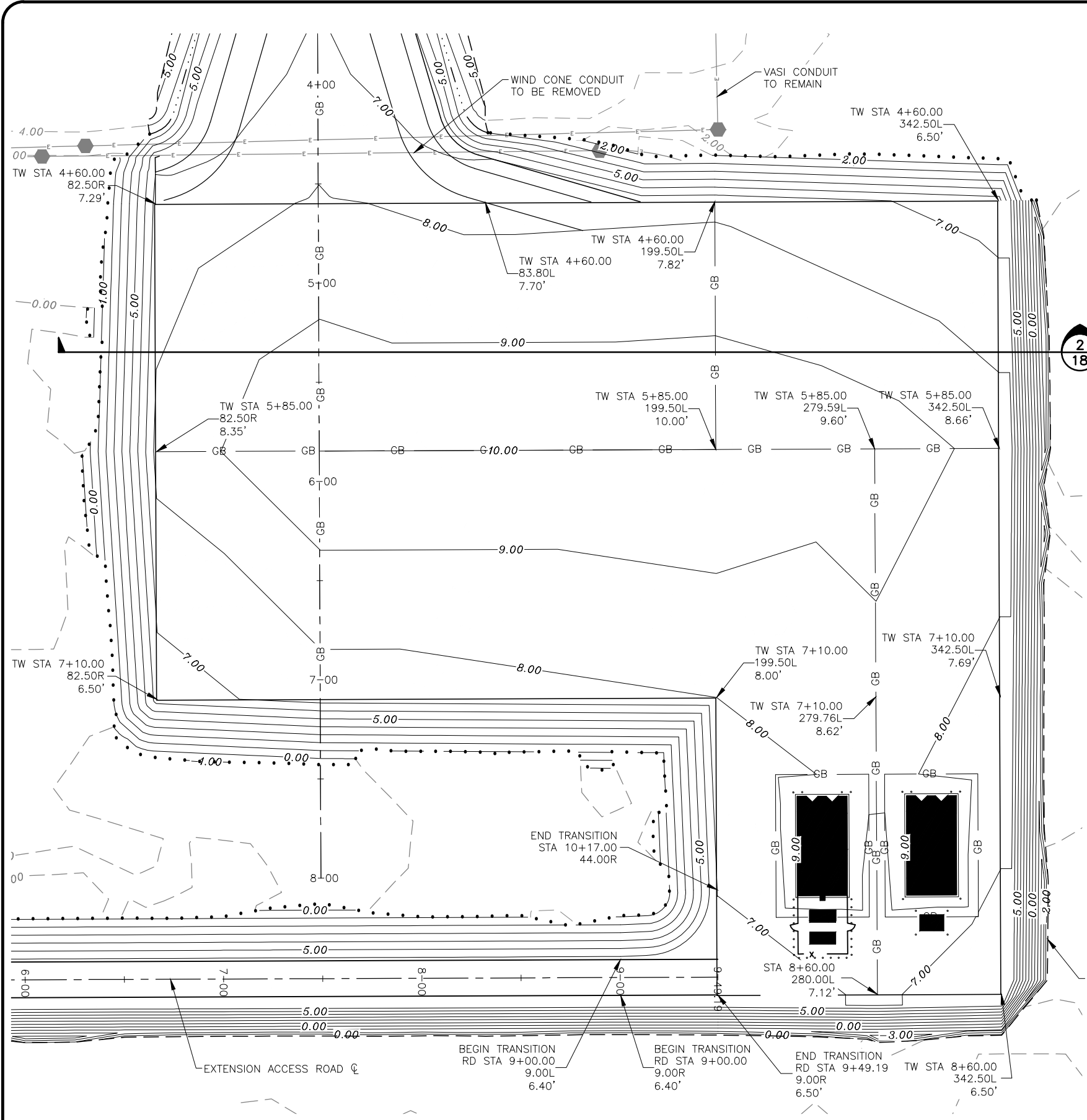
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 CENTRAL REGION

HOOPER BAY AIRPORT
 HOOPER BAY, ALASKA
 AIRPORT IMPROVEMENTS
 PROJECT No. 57419
 AIP No. 3-02-0126-006-2014
 TYPICAL SECTIONS

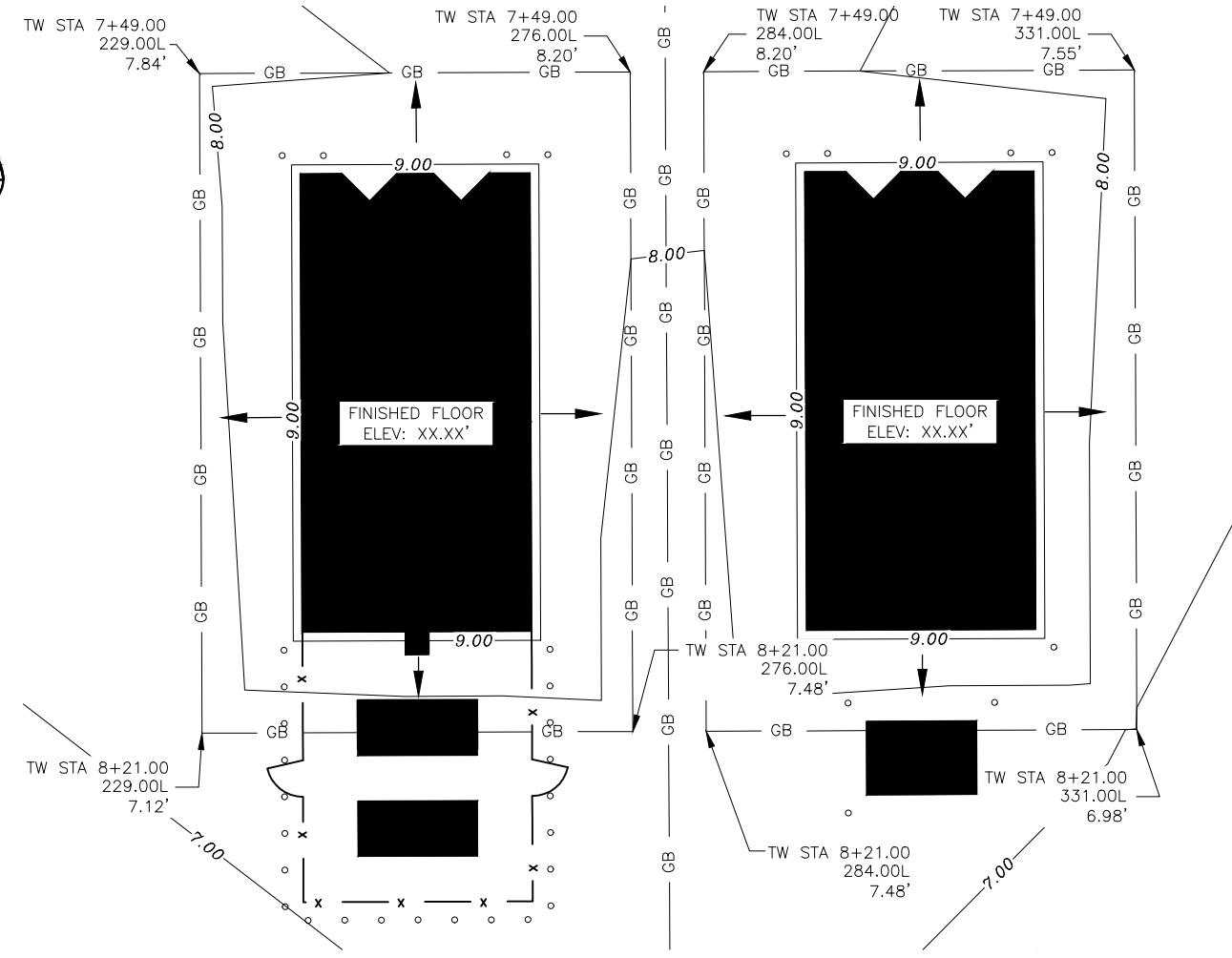
DATE: 3/31/2015
 SHEET: 19 OF 28
 AS-BUILT SHEET:

Date Revis: 4/01/2015, 9:57 AM
 Layout Name: APRON LAYOUT & GRADING PLAN
 File Path and Name: \\A:\Projects\Hooper Bay\Hooper Bay Airport Improvements 57419\Final Drawings

Designed By: VG
 Drawn By: VG
 Checked By: MHH



1
20 APRON GRADING



2
20 SREB PAD GRADING

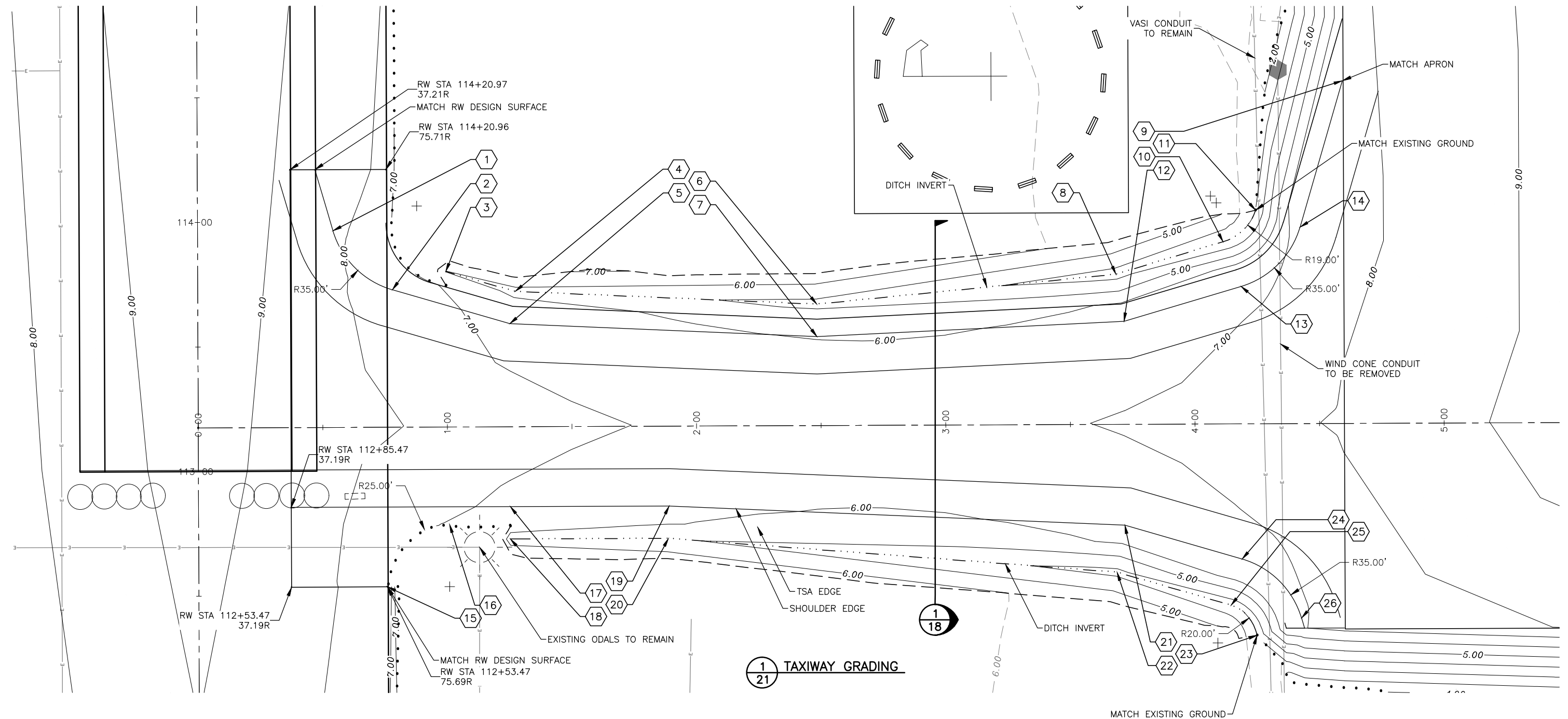
BY	DATE	REVISION

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 CENTRAL REGION

HOOPER BAY AIRPORT
 HOOPER BAY, ALASKA
 AIRPORT IMPROVEMENTS
 PROJECT No. 57419
 AIP No. 3-02-0126-006-2014
 APRON LAYOUT & GRADING PLAN

DATE: 3/31/2015
 SHEET: 20 OF 28
 AS-BUILT SHEET:

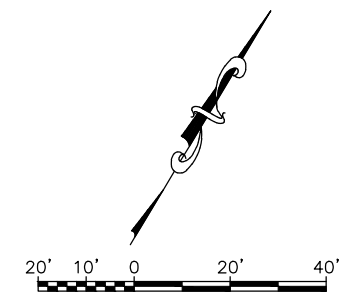
Date Revisited: 4/01/2015, 9:57 AM
 Layout Name: TAXIWAY & DITCH LAYOUT & GRADING PLAN
 File Path and Name: W:\Projects\Hooper Bay\Hooper Bay Airport Improvements 57419\Final Drawings



GRADING PLAN SCHEDULE				
POINT	STATION	OFFSET	ELEVATION	REMARKS
1	0+54.70	78.44L	8.19	PC STRUCTURAL EDGE
2	0+78.44	54.70L	7.54	PT STRUCTURAL EDGE
3	0+99.90	61.95L	6.00	BEGIN DITCH
4	1+27.70	53.81L	5.72	PI DITCH
5	1+25.49	40.90L	6.62	PI STRUCTURAL EDGE
6	2+48.75	48.25L	4.65	PI DITCH
7	2+48.75	35.24L	5.98	PI STRUCTURAL EDGE
8	3+68.85	59.78L	3.59	PI DITCH
9	4+60.00	137.09L	7.76	PI STRUCTURAL EDGE

GRADING PLAN SCHEDULE				
POINT	STATION	OFFSET	ELEVATION	REMARKS
10	4+11.87	72.67L	3.24	PC DITCH
11	4+25.00	85.27L	3.03	END DITCH
12	3+72.01	40.90L	6.28	PI STRUCTURAL EDGE
13	4+19.06	54.70L	6.78	PC STRUCTURAL EDGE
14	4+42.80	78.44L	7.14	PT STRUCTURAL EDGE
15	0+76.00	64.50R	7.41	PC EDGE PAVEMENT
16	1+01.00	39.50R	6.95	PT EDGE PAVEMENT
17	1+25.40	32.50R	6.79	STRUCTURAL EDGE
18	1+25.40	45.50R	5.60	BEGIN DITCH

GRADING PLAN SCHEDULE				
POINT	STATION	OFFSET	ELEVATION	REMARKS
19	1+89.16	32.50R	6.25	PI STRUCTURAL EDGE
20	1+88.84	45.50R	5.10	PI DITCH
21	3+72.01	40.90R	6.28	PI STRUCTURAL EDGE
22	3+68.85	59.78R	3.74	PI DITCH
23	4+25.00	85.27R	3.25	END DITCH
24	4+19.06	54.70R	6.67	PC STRUCTURAL EDGE
25	4+14.49	73.22R	3.38	PC DITCH
26	4+42.80	78.44R	6.94	PT STRUCTURAL EDGE



BY	DATE	REVISION

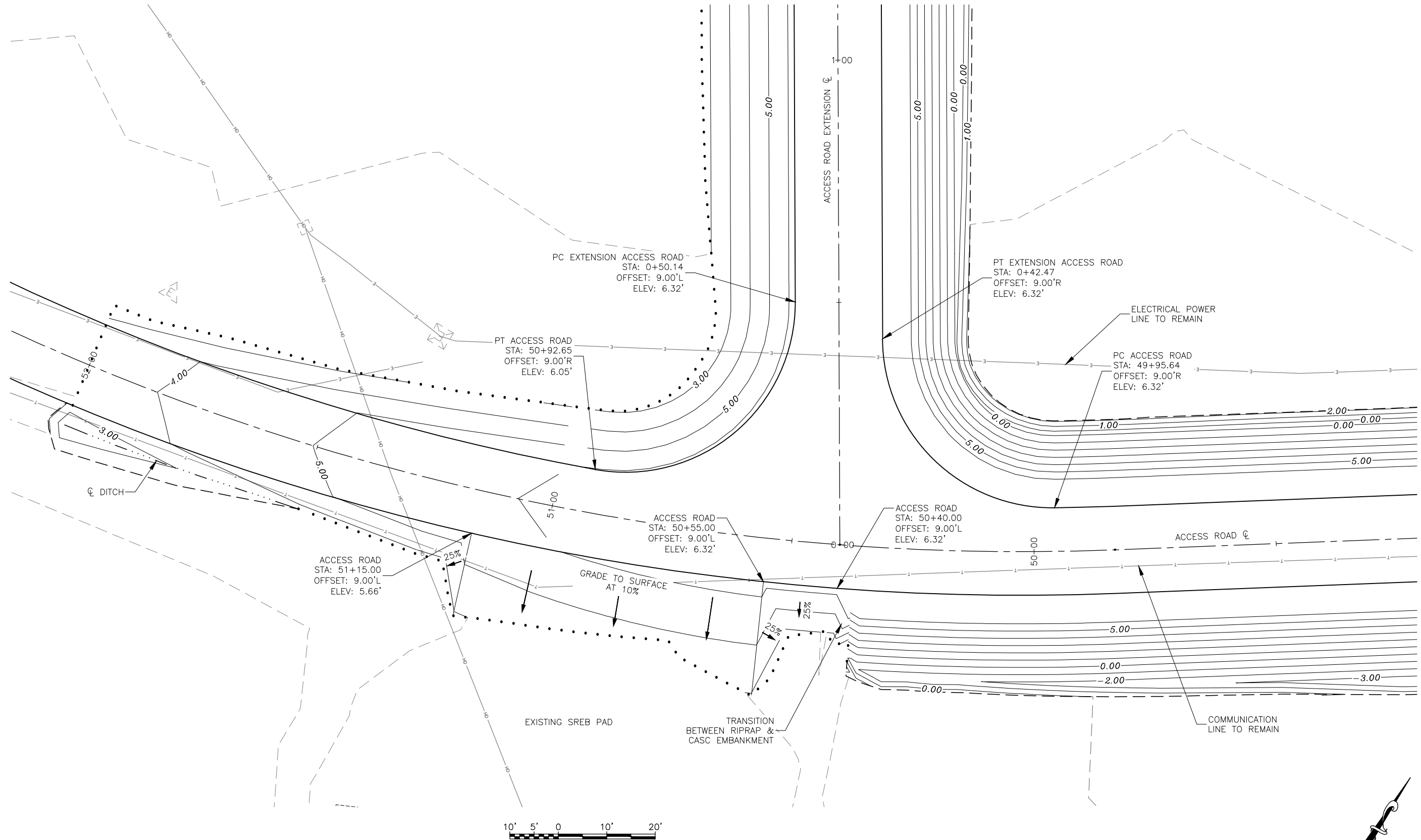
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 CENTRAL REGION

HOOPER BAY AIRPORT
 HOOPER BAY, ALASKA
 AIRPORT IMPROVEMENTS
 PROJECT No. 57419
 AIP No. 3-02-0126-006-2014
 TAXIWAY & DITCH
 LAYOUT & GRADING PLAN

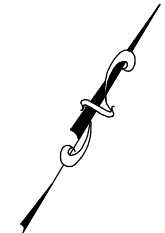
DATE: 3/31/2015
 SHEET: 21 of 28
 AS-BUILT SHEET:

Date Revis: 4/01/2015, 9:57 AM
 Layout Name: INTERSECTION AREA LAYOUT & GRADING PLAN
 File Path and Name: W:\Projects\Hooper Bay\Hooper Bay Airport Improvements 57419\Final Drawings

Designed By: VG
 Drawn By: VG
 Checked By: MHH



1
22 INTERSECTION LAYOUT & GRADING



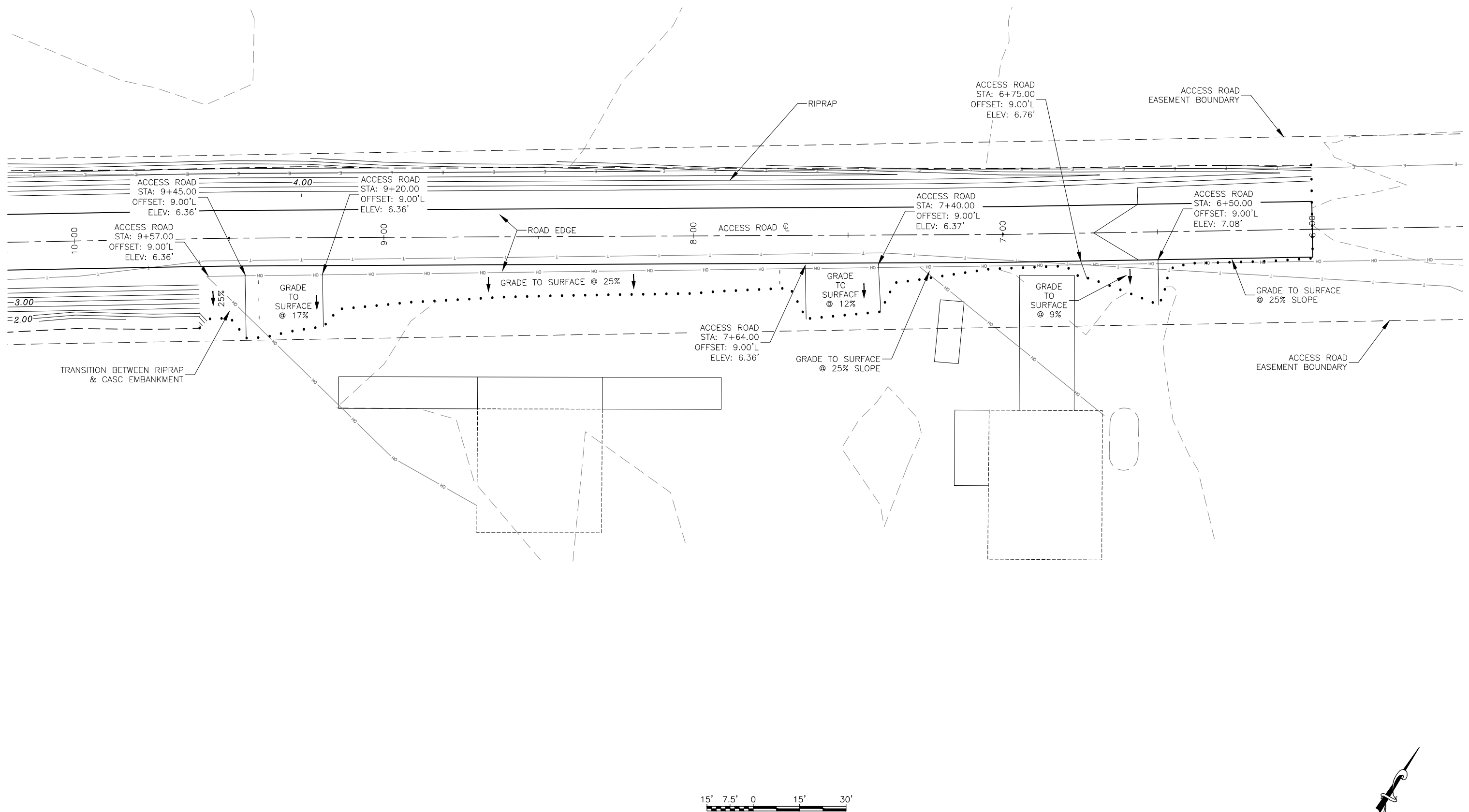
BY	DATE	REVISION

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 CENTRAL REGION

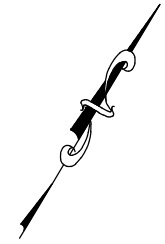
HOOPER BAY AIRPORT
 HOOPER BAY, ALASKA
 AIRPORT IMPROVEMENTS
 PROJECT No. 57419
 AIP No. 3-02-0126-006-2014
 INTERSECTION AREA
 LAYOUT & GRADING PLAN

DATE: 3/31/2015
 SHEET: 22 OF 28
 AS-BUILT SHEET:

Date Plotted: 4/01/2015, 9:57 AM
 Layout Name: APPROACHES LAYOUT & GRADING PLAN
 File Path and Name: W:\Projects\Hooper Bay\Hooper Bay Airport Improvements 57419\Final Drawings



1 INTERSECTION LAYOUT & GRADING
23



BY	DATE	REVISION

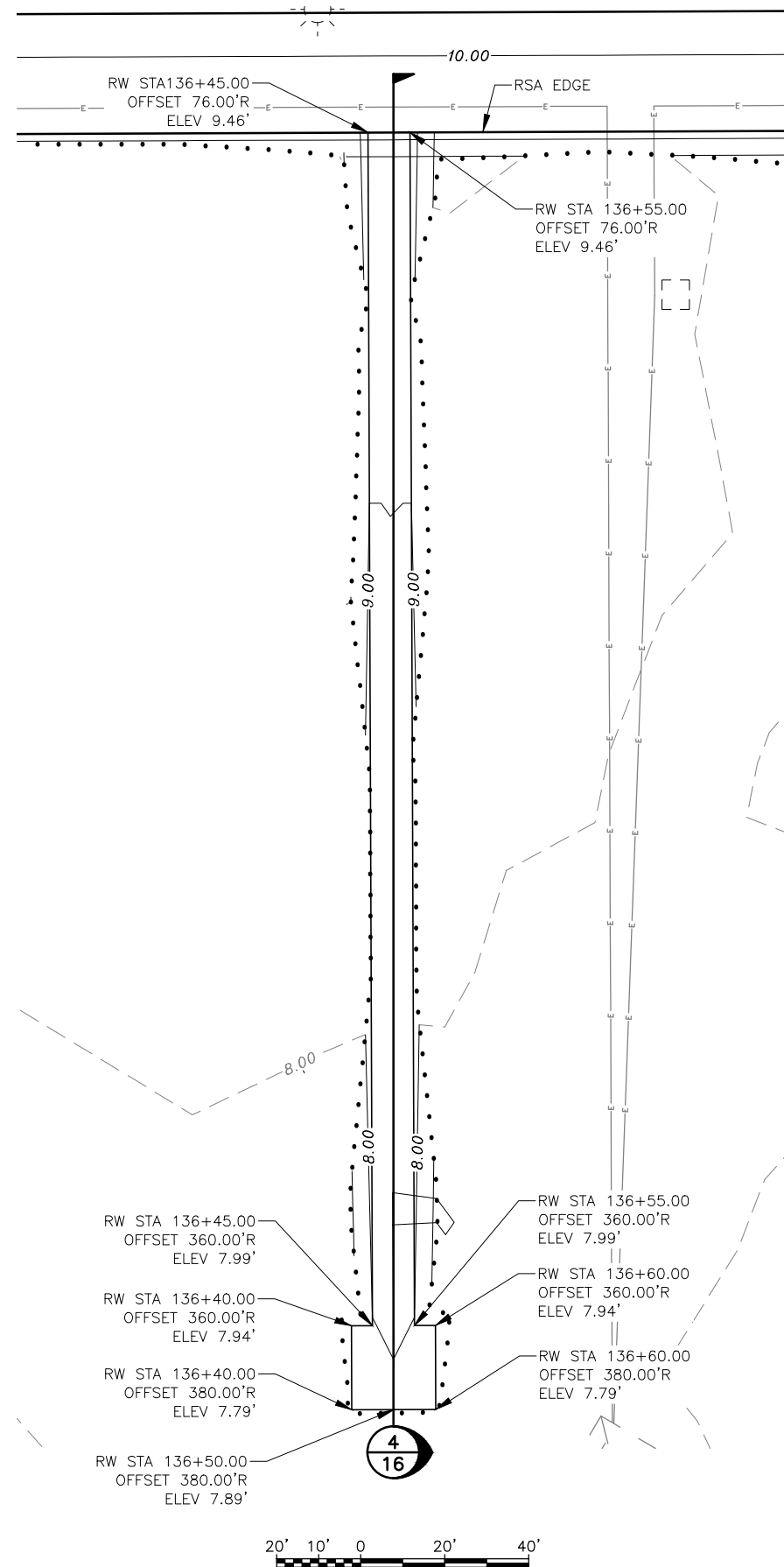
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 CENTRAL REGION

HOOPER BAY AIRPORT
 HOOPER BAY, ALASKA
 AIRPORT IMPROVEMENTS
 PROJECT No. 57419
 AIP No. 3-02-0126-006-2014
 APPROACHES LAYOUT & GRADING PLAN

DATE: 3/31/2015
 SHEET: 23 OF 28
 AS-BUILT SHEET:

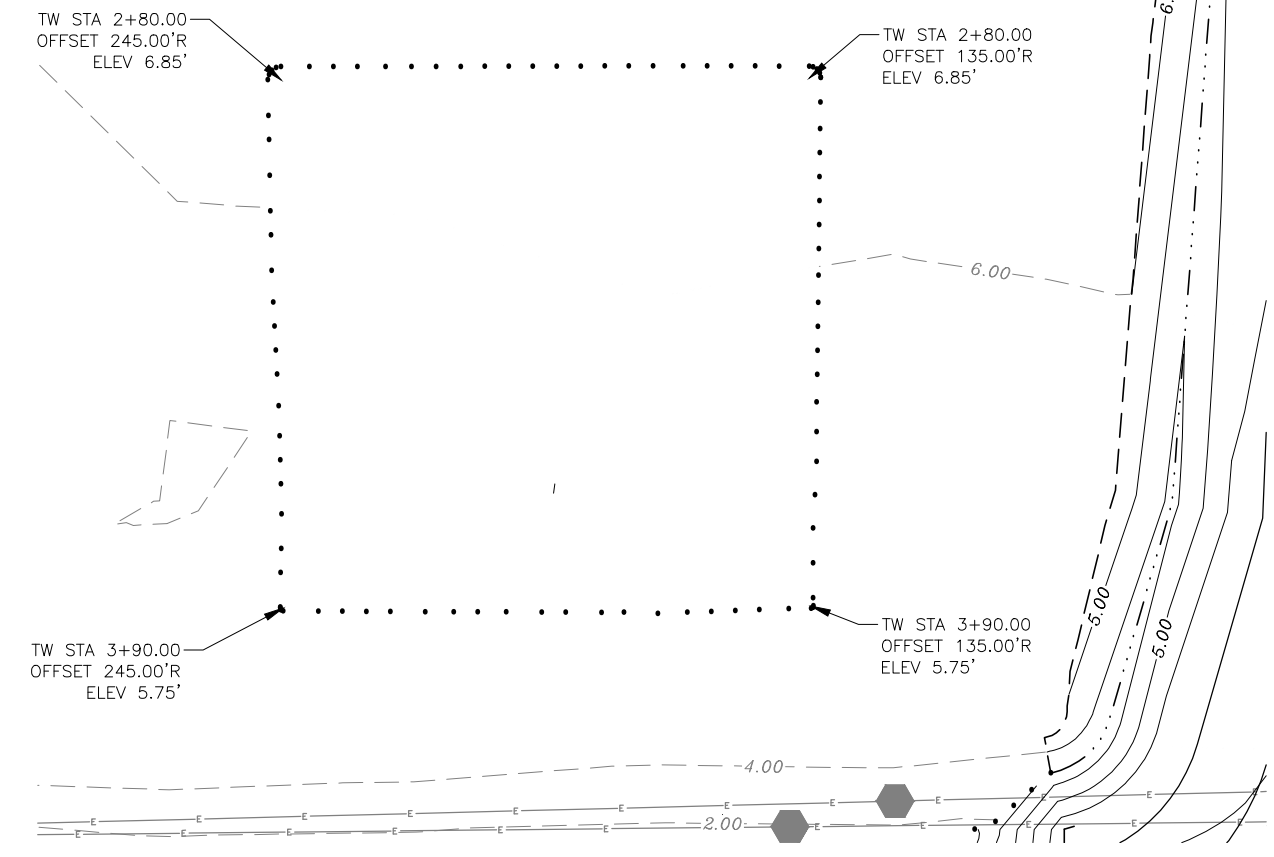
Date Rec'd: 4/01/2015, 9:57 AM
 Layout Name: WIND CONE & SEGMENTED CIRCLE GRADING PLAN
 File Path and Name: \\A:\Projects\Hooper Bay\Hooper Bay Airport Improvements 57419\Final Drawings

Designed By: VG
 Drawn By: VG
 Checked By: MHH



1
24 UNLIGHTED WIND CONE

VASI FIXTURES AND
 DIRECT-BURIED
 CABLE TO REMAIN



2
24 SEGMENTED CIRCLE GRADING

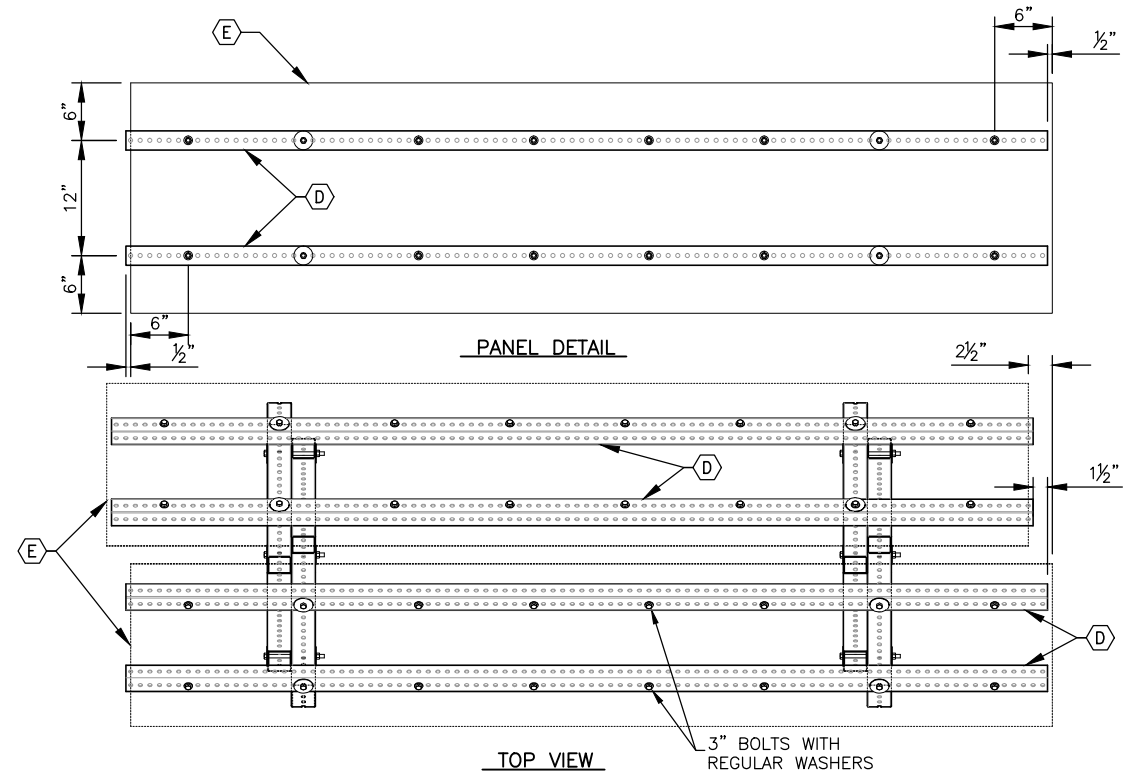
BY	DATE	REVISION

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 CENTRAL REGION

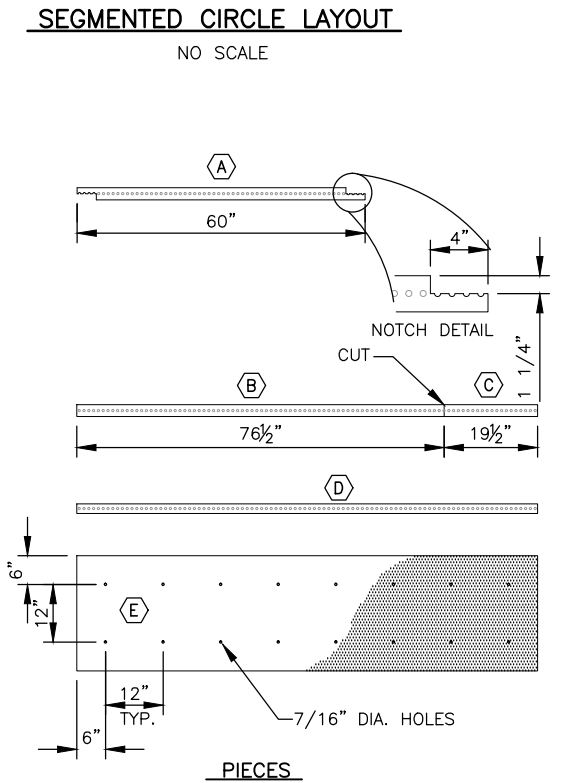
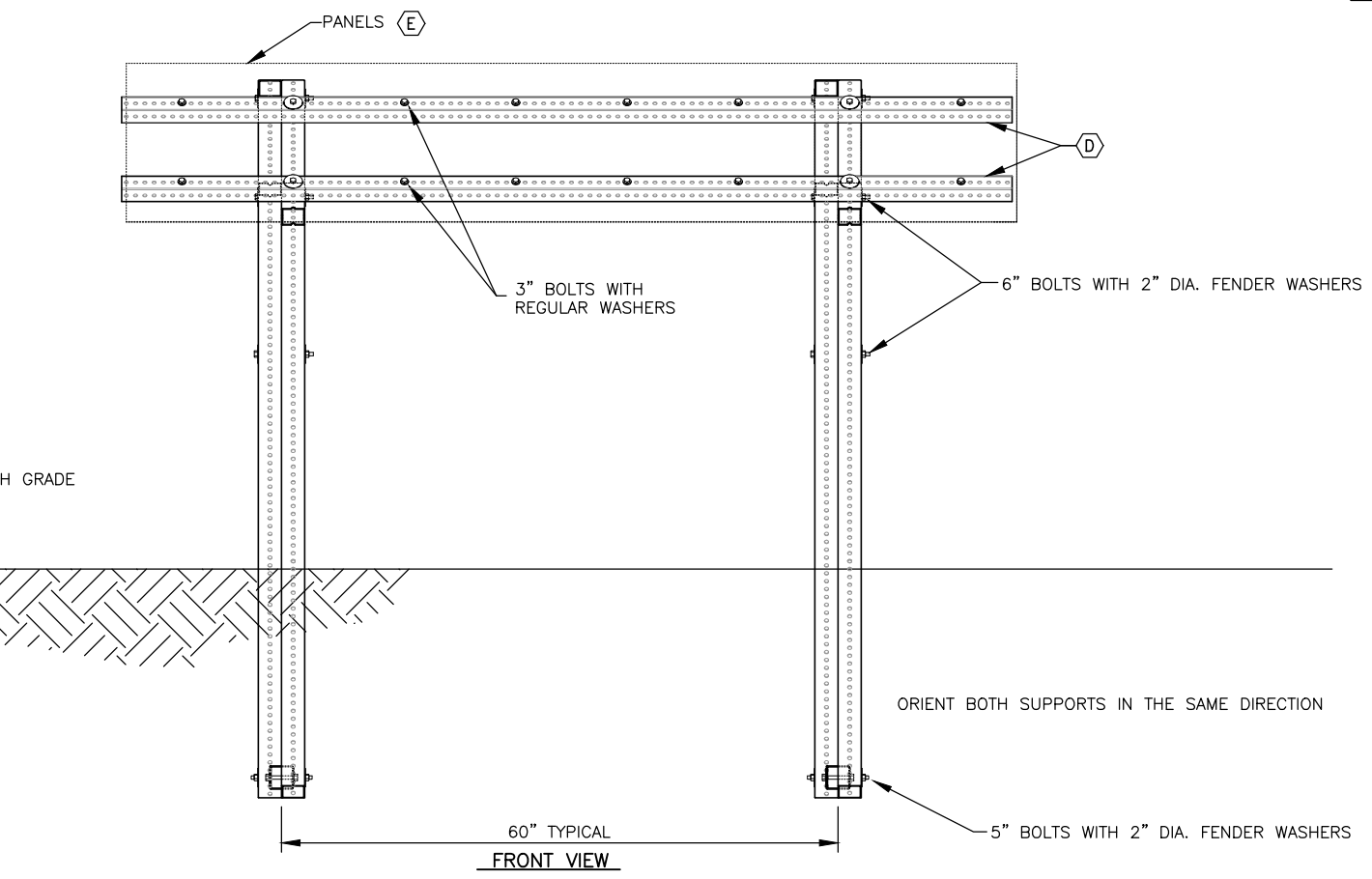
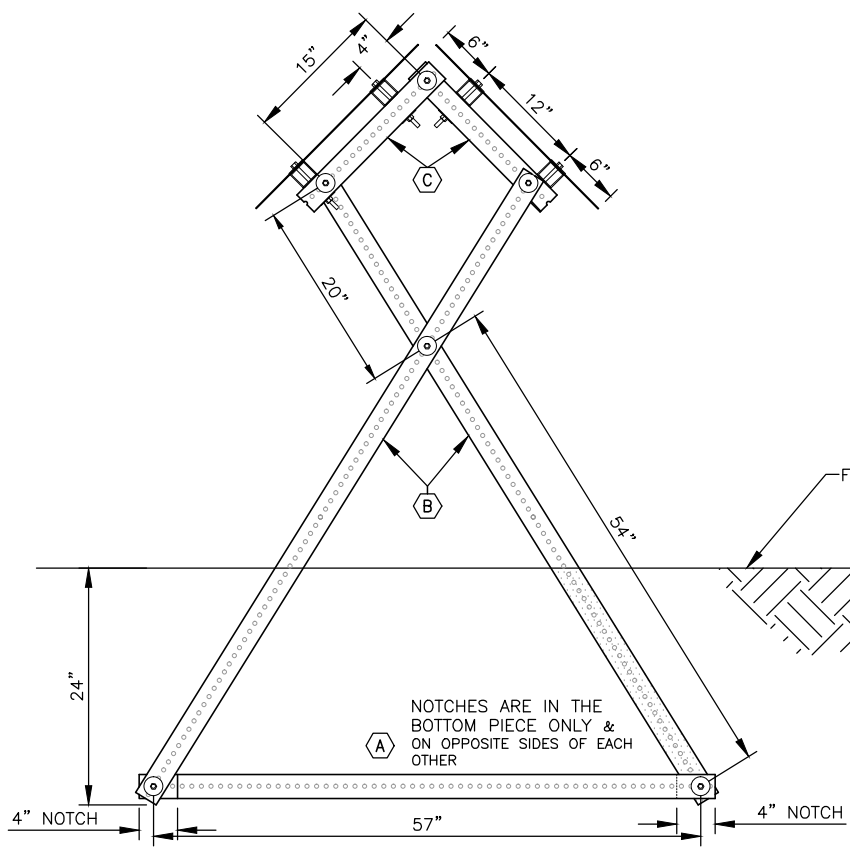
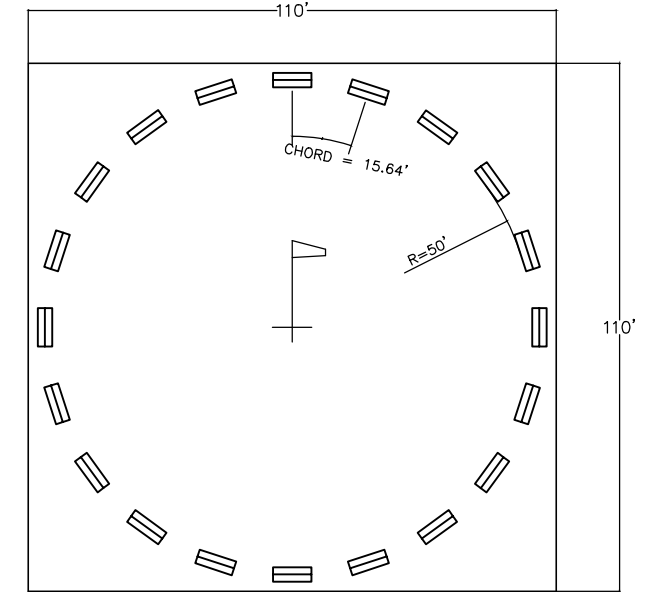
HOOPER BAY AIRPORT
 HOOPER BAY, ALASKA
 AIRPORT IMPROVEMENTS
 PROJECT No. 57419
 AIP No. 3-02-0126-006-2014
 WIND CONE & SEGMENTED
 CIRCLE GRADING PLAN

DATE: 3/31/2015
 SHEET: 24 of 28
 AS-BUILT SHEET:

PIECE	DESCRIPTION	QUANTITY
A	2-1/2" SQ GALV STEEL PERF TUBE, 60", NOTCHED	2
B	2-1/2" SQ GALV STEEL PERF TUBE, 76-1/2"	4
C	2-1/2" SQ GALV STEEL PERF TUBE, 19-1/2"	4
D	2" SQ GALV STEEL PERF TUBE, 96"	4
E	24" X 96" X 0.08" - 0.09" THICK ALUMINUM 6061-T6 OR 5052-H36/38	2
	3/8" X 3" GALV. BOLT, NUT	24
	3/8" X 5" GALV. BOLT, NUT	4
	3/8" X 6" GALV. BOLT, NUT	16
	3/8" GALV. REGULAR WASHER	48
	3/8" X 2" DIA. S.S. FENDER WASHER	40
	24" X 96" REFLECTIVE SHEETING	2



DESIGN NOTES:
 Segmented Circle Panels:
 Design Reference: FAA AC 150/5345-27E; AC 150/5340-5D; Alaska DOT item: P-640b



- NOTES:**
- CRITICAL ASSEMBLY DIMENSIONS ARE BETWEEN HOLES.
 - PAINT ALL CUT EDGES WITH COLD GALVANIZING.
 - APPLY REFLECTIVE FILM TO PANELS BEFORE ASSEMBLY.
 - LEVEL ASSEMBLY BEFORE BACKFILLING.
 - STEEL PERF TUBE SHALL BE 12-GAGE STEEL, GALVANIZED, WITH 7/16-INCH HOLES PUNCHED OR DRILLED ON ALL SIDES ON 1-INCH CENTERS.

SEGMENTED CIRCLE PANEL ASSEMBLY
 NO SCALE

Date Revis: 4/01/2015, 9:58 AM
 Layout Name: SEGMENTED CIRCLE DETAILS
 File Path and Name: \\A\Projects\Hooper Bay\Hooper Bay Airport Improvements 57419\Final Drawings

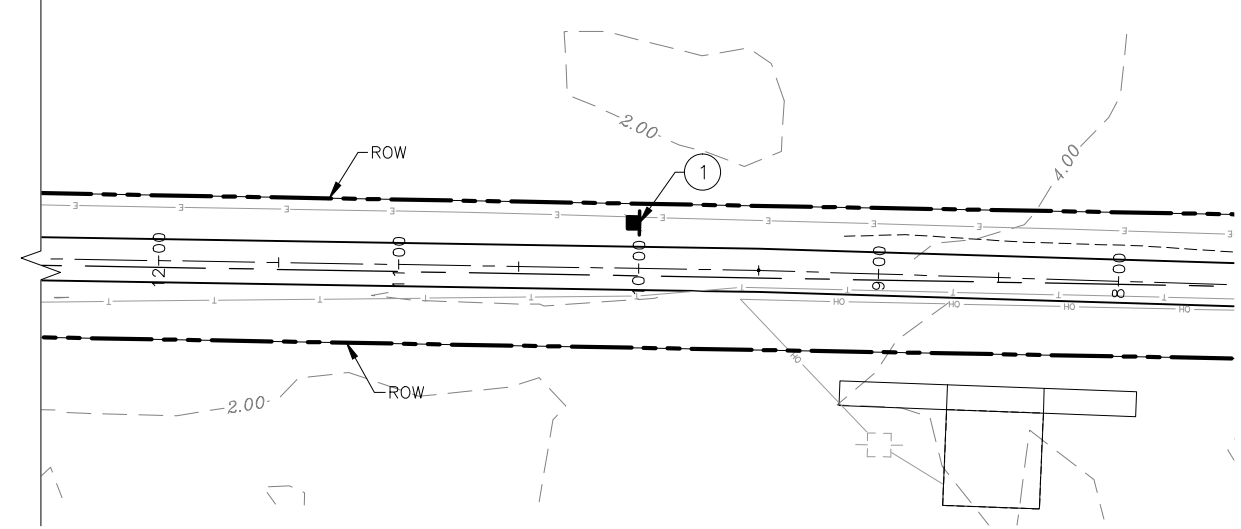
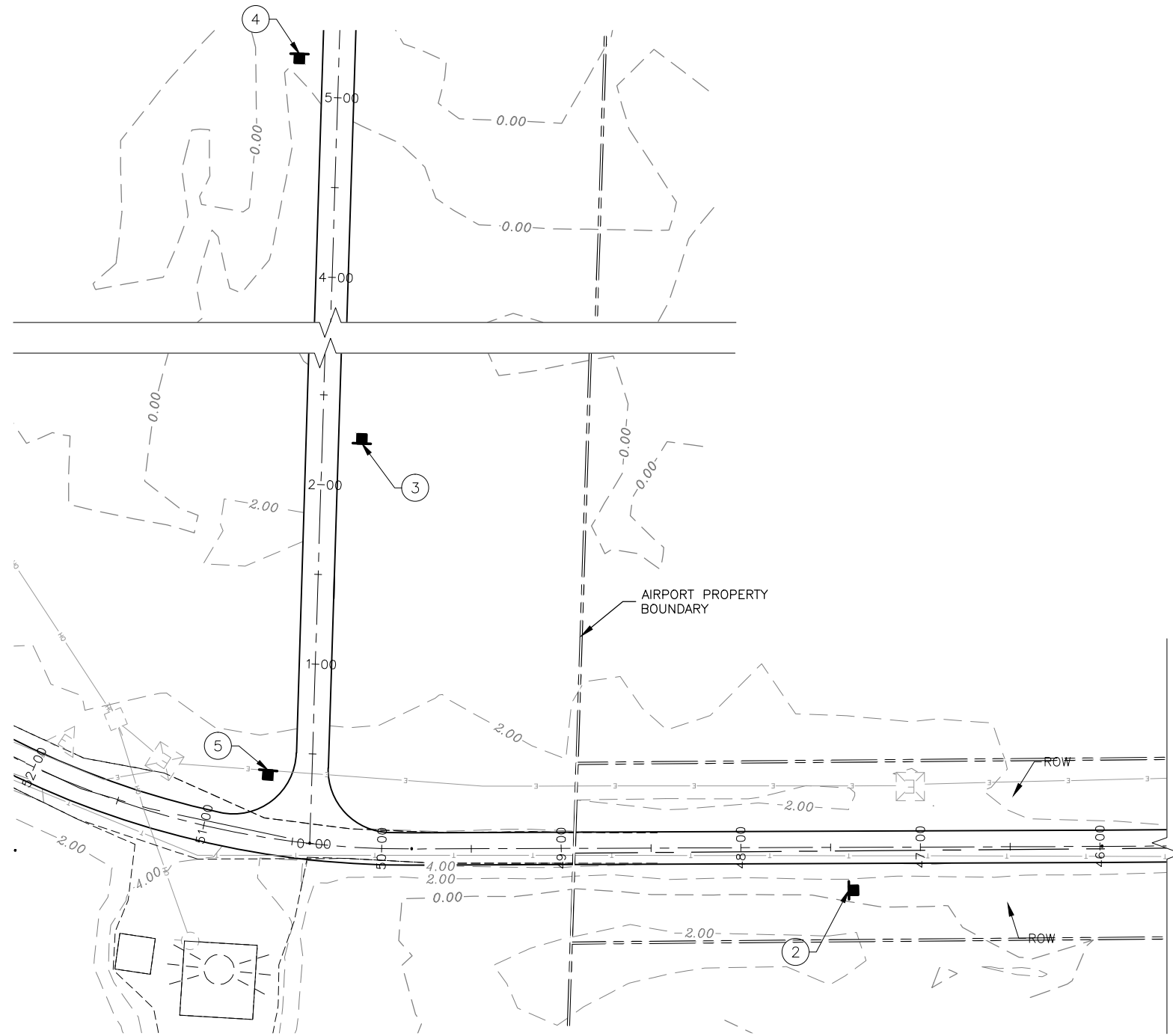
BY	DATE	REVISION

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 CENTRAL REGION

HOOPER BAY AIRPORT
 HOOPER BAY, ALASKA
 AIRPORT IMPROVEMENTS
 PROJECT No. 57419
 AIP No. 3-02-0126-006-2014
 SEGMENTED CIRCLE DETAILS

DATE: 3/31/2015
 SHEET: 25 OF 28
 AS-BUILT SHEET:

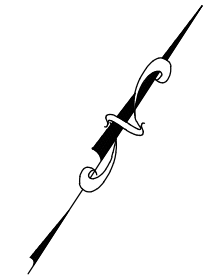
Date Revis: 4/01/2015, 9:58 AM
 Layout Name: ACCESS ROAD SIGNING PLAN
 File Path and Name: W:\Projects\Hooper Bay\Hooper Bay Airport Improvements 57419\Final Drawings
 Designed By: VG
 Drawn By: VG
 Checked By: MHH



ACCESS ROAD SIGN SUMMARY										
POST NUMBER	STATION & OFFSET	TYPE	SIGN	SIZE (IN)	AREA (SF)	SIGN FACES	POSTS: NO. SIZE, TYPE	FRAMED		REMARKS
								YES	NO	
1	10+00 22.0 RT	R2-1		24X30	5.00	NE	1-2.5"-P		X	
2	47+40 22.0 LT	R2-1		24X30	5.00	SW	1-2.5"-P		X	
3	2+24 22.0 RT	R2-1		24X30	5.00	SE	1-2.5"-P		X	
4	5+24 22.0 LT	R2-1		24X30	5.00	NW	1-2.5"-P		X	
5	0+40 24.0 LT	R1-2		30X30X30	5.41	N	1-2.5"-P		X	

NOTES:

- ALL PROPOSED SIGN POST LOCATIONS SHALL BE IN ACCORDANCE WITH STATE OF ALASKA STANDARD DRAWINGS S-05.00, OR AS DIRECTED BY THE ENGINEER.
- SIGN LOCATIONS ARE APPROXIMATE AND SUBJECT TO FIELD ADJUSTMENT BY THE ENGINEER.
- SEE STANDARD DRAWING S-31.01 FOR SIGN POST AND BASE FOUNDATION.
- SEE STANDARD DRAWING S-01.00 FOR BRACING REQUIREMENTS AND DETAILS



BY	DATE	REVISION

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 CENTRAL REGION

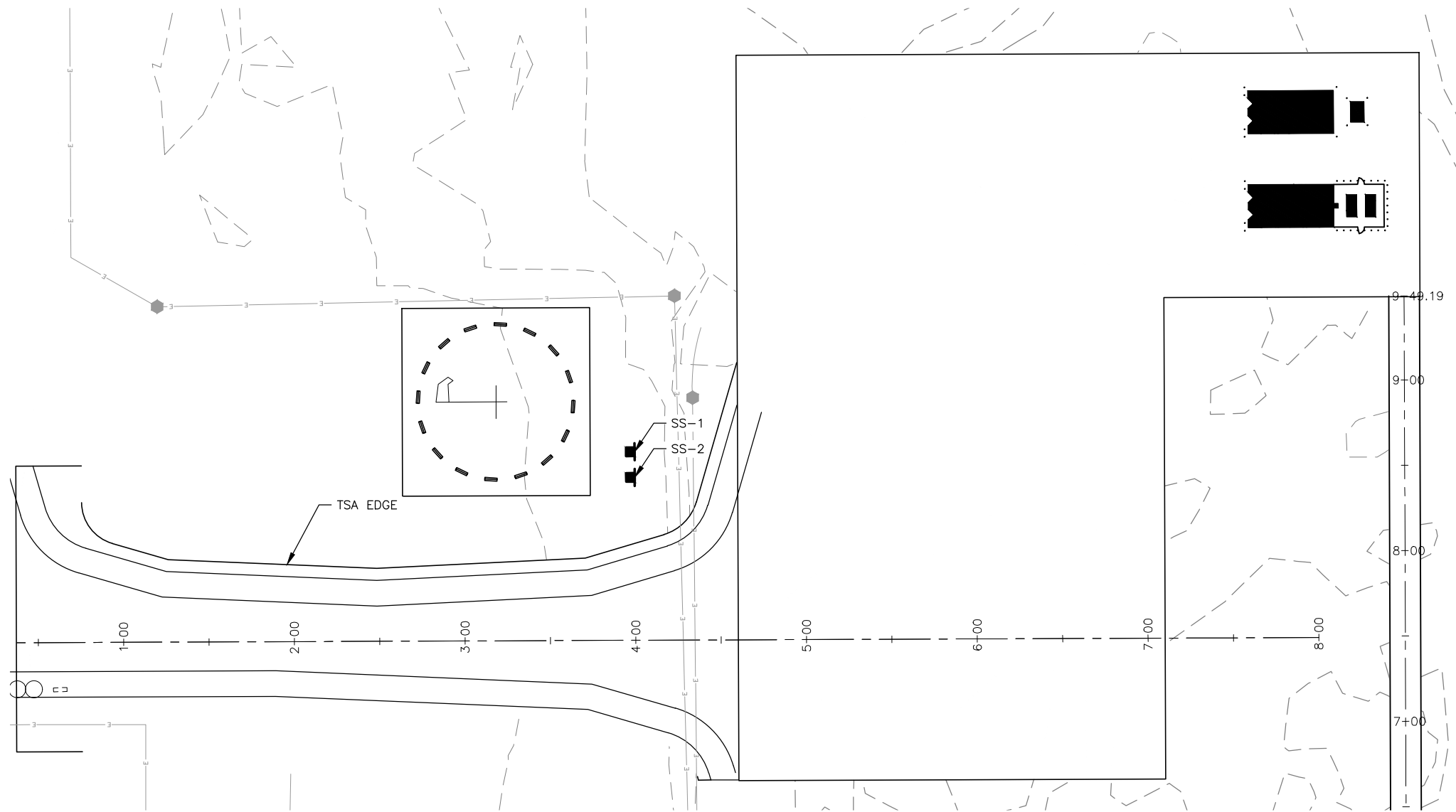
HOOPER BAY AIRPORT
 HOOPER BAY, ALASKA
 AIRPORT IMPROVEMENTS
 PROJECT No. 57419
 AIP No. 3-02-0126-006-2014
 ACCESS ROAD SIGNING PLAN

DATE: 3/25/2015
 SHEET: 26 of 28
 AS-BUILT SHEET:

ACCESS ROAD SIGN SUMMARY

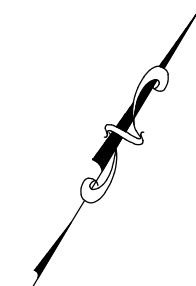
POST NUMBER	STATION & OFFSET	TYPE	LEGEND	SIZE (IN)	COLOR		AREA (SF)	SIGN FACES	POSTS: NO. SIZE, TYPE	FRAMED		REMARKS
					LEGEND	BACKGROUND				YES	NO	
SS-1	4+00 105.00 LT	SPECIAL	SELECTIVE EXCLUSION	36X48	BLACK/RED	WHITE	12.00	NE	3.5" STEEL SQUARE TUBE		X	
SS-2	4+00 90.00 LT	SPECIAL	AUTHORIZED PERSONNEL ONLY	42X30	WHITE	RED	8.75	NE	3.5" STEEL SQUARE TUBE		X	

Date Revis: 4/01/2015, 9:58 AM
 Layout Name: APRON SIGNING PLAN
 File Path and Name: W:\Projects\Hooper Bay\Hooper Bay Airport Improvements 57419\Final Drawings
 Designed By: VG
 Drawn By: VG
 Checked By: MHH



NOTES:

- SIGN LOCATIONS ARE APPROXIMATE AND SUBJECT TO FIELD ADJUSTMENT BY THE ENGINEER.
- OFFSET DISTANCE ON THE SIGN SUMMARY ARE FROM CENTERLINE TO EDGE OF SIGN NEAREST THE TRAVELED WAY. SEE STANDARD DRAWING S-05.01.



BY	DATE	REVISION

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 CENTRAL REGION

HOOPER BAY AIRPORT
HOOPER BAY, ALASKA
 AIRPORT IMPROVEMENTS
 PROJECT No. 57419
 AIP No. 3-02-0126-006-2014
 APRON SIGNING PLAN

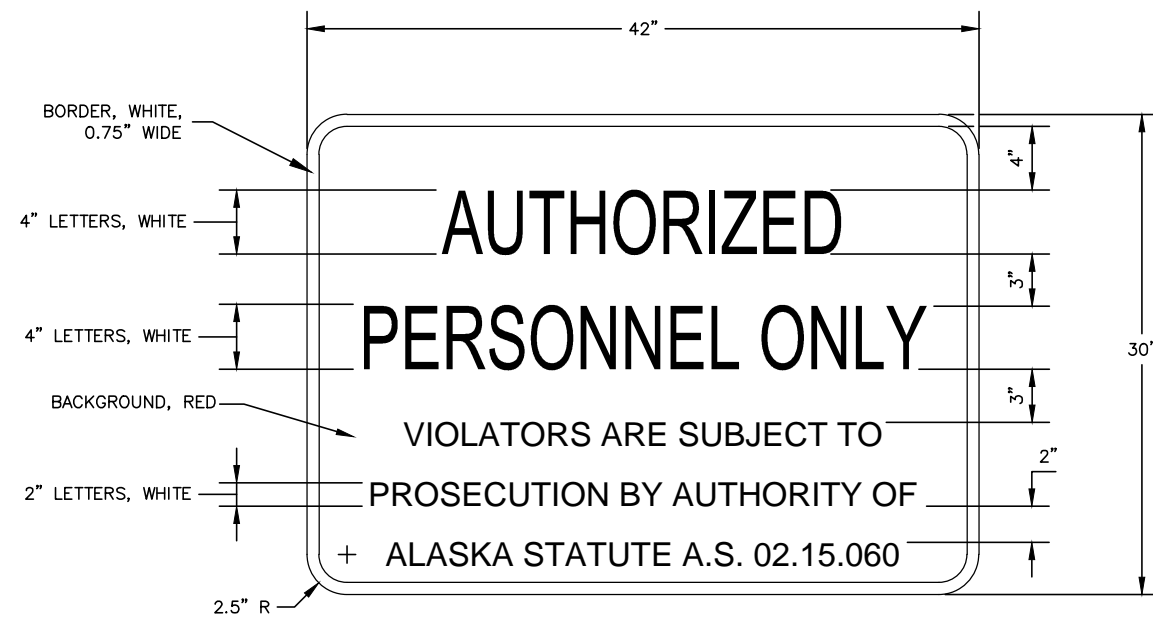
DATE: 3/25/2015
 SHEET: 27 of 28
 AS-BUILT SHEET:

Date Revis: 4/01/2015 9:59 AM
 Layout Name: SIGNING PLAN DETAILS
 File Path and Name: W:\Projects\Hooper Bay\Hooper Bay Airport Improvements 57419\Final Drawings



SELECTIVE EXCLUSIONS
SS-1

- NOTES:**
1. POST LENGTHS SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR USING THE CRITERIA FOR RURAL ROADS, UNLESS DETERMINED OTHERWISE BY THE ENGINEER. SEE STANDARD DRAWING S-05.01.
 2. SEE STANDARD DRAWING S-31.01 FOR SIGN POST AND BASE FOUNDATION.
 3. SEE STANDARD DRAWING S-01.00 FOR BRACING REQUIREMENTS AND DETAILS.



AUTHORIZED PERSONNEL SIGN DETAILS
SS-2

BY	DATE	REVISION

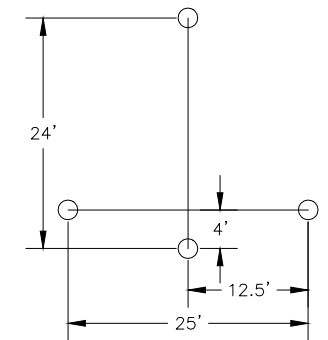
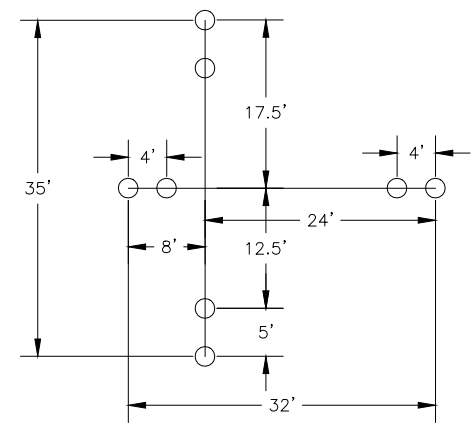
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 CENTRAL REGION

HOOPER BAY AIRPORT
 HOOPER BAY, ALASKA
 AIRPORT IMPROVEMENTS
 PROJECT No. 57419
 AIP No. 3-02-0126-006-2014
 SIGNING PLAN DETAILS

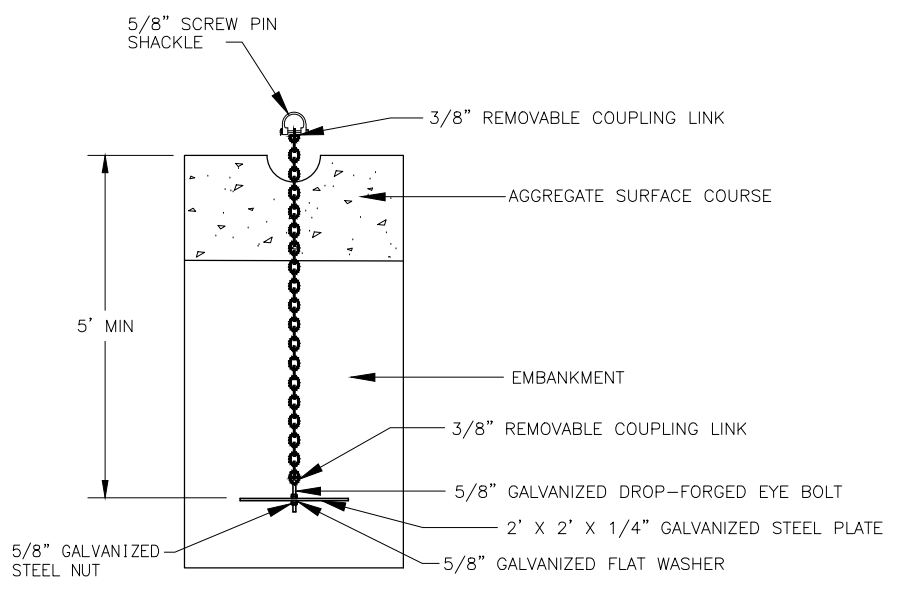
DATE: 3/25/2015
 SHEET: 28 OF 28
 AS-BUILT SHEET:

Date Revised: 4/01/2015, 9:59 AM
 Layout Name: TIE-DOWN LAYOUT & DETAILS
 File Path and Name: W:\Projects\Hooper Bay\Hooper Bay Airport Improvements 57419\Final Drawings

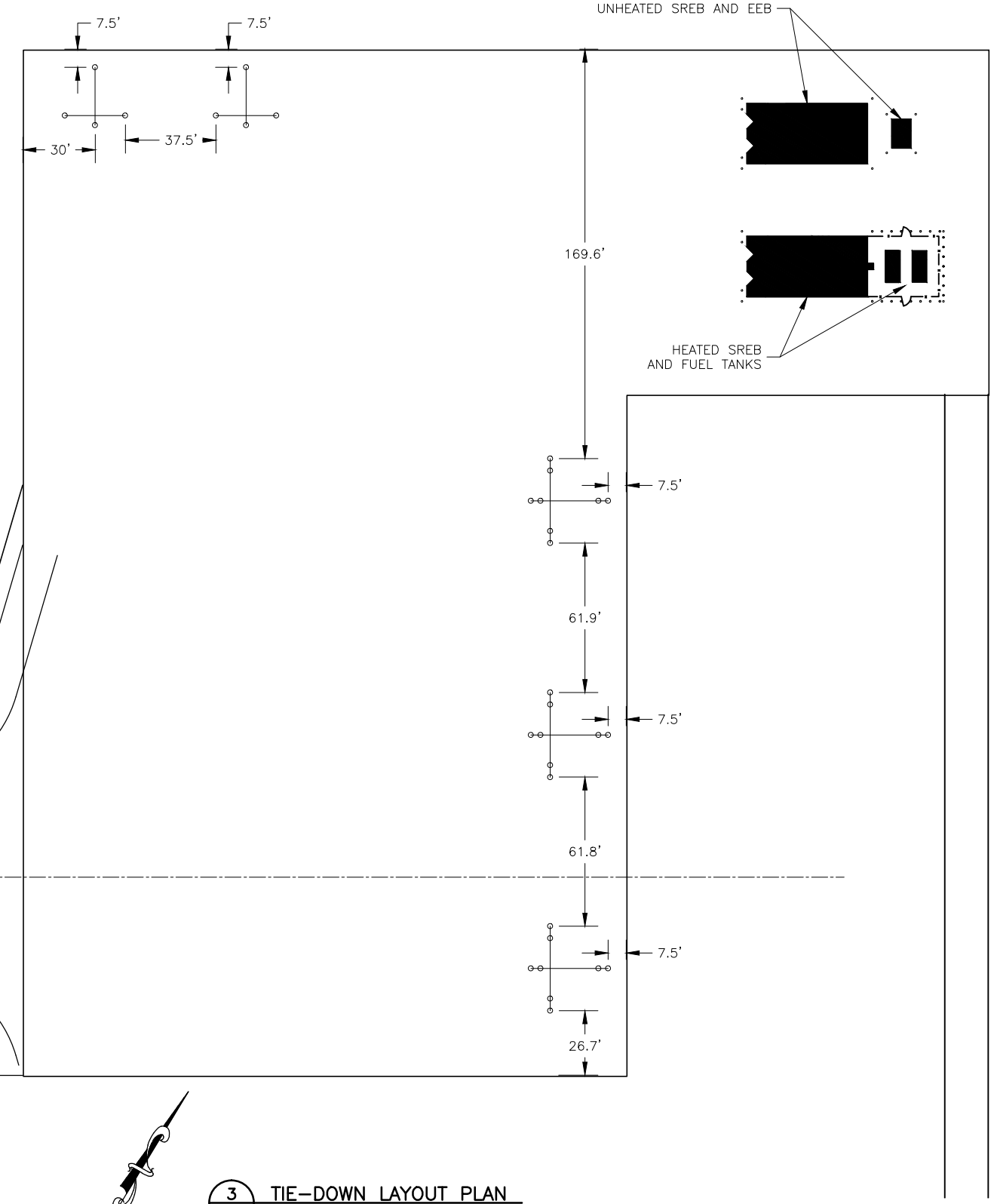
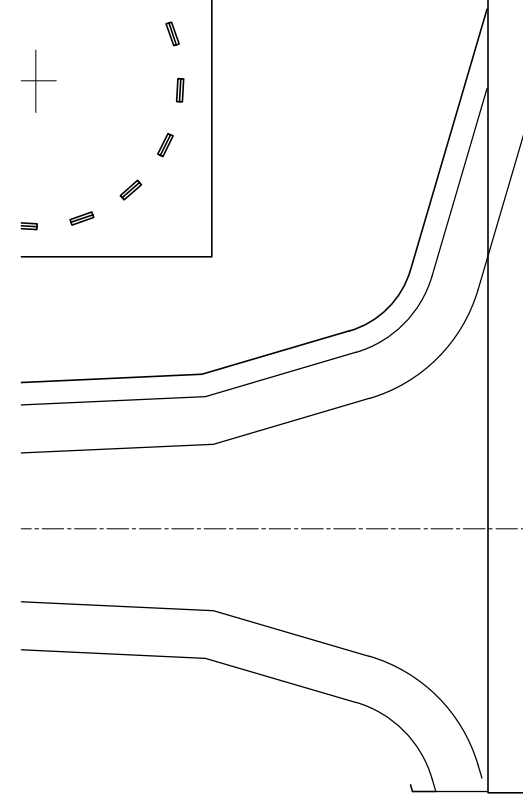
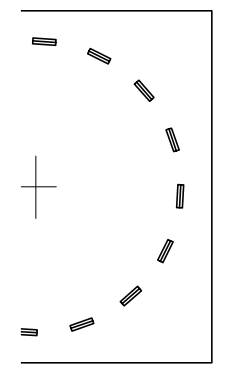
Designed By: VG
 Drawn By: VG
 Checked By: MMH



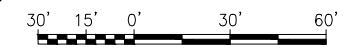
1 TIE-DOWN DETAILS
SCALE: NTS



2 TYPICAL TIE-DOWN ANCHOR DETAILS
SCALE: NTS



3 TIE-DOWN LAYOUT PLAN
SCALE: NTS



BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

HOOPER BAY AIRPORT
HOOPER BAY, ALASKA
AIRPORT IMPROVEMENTS
PROJECT No. 57419
AIP No. 3-02-0126-006-2014
TIE-DOWN LAYOUT & DETAILS

DATE: 3/31/2015
SHEET: 29 OF 28
AS-BUILT SHEET: