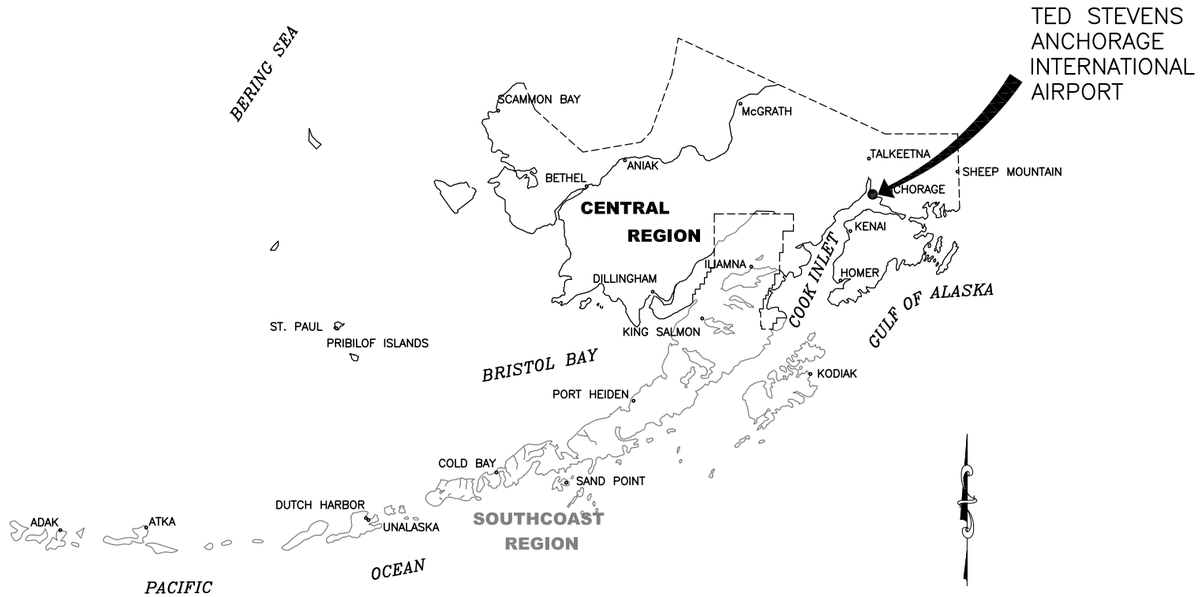
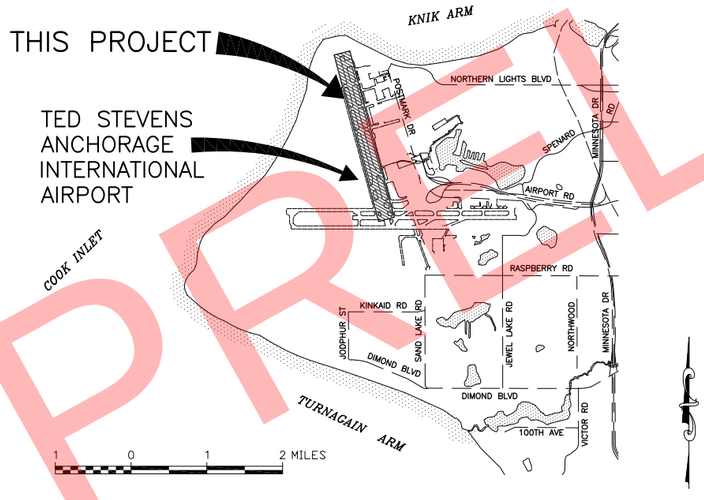


ALASKA CENTRAL REGION LOCATION MAP

NOT TO SCALE



VICINITY MAP

T 12 N, R 4 W SEC. 3, 4, 5, & 6
T 13 N, R 4 W, SEC. 21, 22, 27, 28, 31, 32, 34, & 35
SEWARD MERIDIAN
U.S.G.S. ANCHORAGE (A-8), ALASKA

CONSTRUCTION PLANS FOR

TED STEVENS ANCHORAGE INTERNATIONAL AIRPORT

ANCHORAGE, ALASKA
AIA RUNWAY 15/33 REHABILITATION
PROJECT No. Z590490000
AIRPORT IMPROVEMENT PROGRAM
No. 3-02-0016-184-2017

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PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
LOCATION MAP, VICINITY MAP, AND SIGNATURES

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PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
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LEGEND

DESCRIPTION	EXISTING	PROPOSED
AIRPORT PROPERTY BOUNDARY		
ANTENNA		
AWOS		
BLUFF		
BOLLARD		
BUILDING		
CAP		
CENTERLINE (RUNWAY/TAXIWAY)		
CLEANOUT		
CLEANOUT (STORM DRAIN)		
COMMUNICATIONS LINE (OVERHEAD)	OCOM	OCOM
COMMUNICATION LINE (UNDERGROUND)	UCOM	UCOM
COMMUNICATION LINE (ABANDONED UNDERGROUND)	ABN–UCOM	ABN–UCOM
COMMUNICATION MANHOLE	C	C
COMMUNICATION PEDESTAL	C	C
COMMUNICATION VAULT	V	V
CONCRETE		
CONTOURS	100	100
CULVERT WITH END SECTIONS		
DEPRESSION		
DETAIL CALLOUT	DETAIL NUMBER / SHEET LOCATION: 1 / XXX	
DITCH/SWALE		
DRAINAGE ARROW		
ELECTRICAL (OVERHEAD)	OHE	OHE
ELECTRICAL LINE (UNDERGROUND)	UE	UE
ELECTRICAL LINE (ABANDONED UNDERGROUND)	ABND–UE	ABND–UE
ELECTRICAL MANHOLE	E	E
ELECTRICAL PEDESTAL		
FENCE (SILT)		
FENCE (WIRE FABRIC)		
FENCE (WIRE STRAND)	X	X
FENCE GATE (WIRE STRAND)	X	X
FIBER OPTIC (UNDERGROUND)	FO	FO
FIBER OPTIC CABLE MARKER	FO CABLE	FO CABLE
FIRE HYDRANT		
FUEL LINE (UNDERGROUND)	F	F
FUEL OIL SUPPLY (UNDERGROUND)	FOS	FOS
FUEL OIL RETURN (UNDERGROUND)	FOR	FOR
FUEL TANK		
FUEL TEST STATION	F	F
FUEL VAULT	F	F

DESCRIPTION	EXISTING	PROPOSED
GAS LINE (UNDERGROUND)	G	G
GAS MARKER	UG	UG
GEOTEXTILE, SEPARATION		
GRADE BREAK	GB	GB
GRAVEL EDGE		
HAUL ROUTE		
HANDHOLE, TYPE I		
IDENTIFICATION BUBBLE		ID
JUNCTION BOX, TYPE II	E	E
LIGHT (RUNWAY EDGE, OMNI–DIRECTIONAL)		
LIGHT (RUNWAY EDGE, BI–DIRECTIONAL)		
LIGHT (RUNWAY EDGE, FLUSH, BI–DIRECTIONAL)		
LIGHT (RUNWAY/TAXIWAY CENTERLINE, FLUSH, OMNI–DIRECTIONAL)		
LIGHT (RUNWAY/TAXIWAY CENTERLINE, FLUSH, BI–DIRECTIONAL)		
LIGHT (RUNWAY GUARD LIGHT, FLUSH, UNI–DIRECTIONAL)		
LIGHT (RUNWAY GUARD LIGHT, ELEVATED)		
LIGHT (RUNWAY THRESHOLD, BI–DIRECTIONAL)		
LIGHT (TAXIWAY EDGE, 360°)		
LIGHT (TAXIWAY EDGE, FLUSH, OMNI–DIRECTIONAL)		
MALSF SYSTEM LIGHT BAR		
MALSF SYSTEM THRESHOLD LIGHT		
MONITORING WELL	W	W
MONUMENT		
NAVAID CRITICAL AREA	NCA	NCA
NON–DIRECTIONAL BEACON		
OBLITERATION		
ODALS		
OIL LINE (UNDERGROUND)	U–O	U–O
ORIGINAL GROUND PROFILE		
PAPI		
PAVEMENT		
PAVEMENT GROOVING		
PAVEMENT/SHOULDER (EDGE)		
PIPE JOINT		
RAILROAD TRACKS		
REIL		
RIP RAP		

DESCRIPTION	EXISTING	PROPOSED
ROADWAYS		
ROCK		
RUNWAY SAFETY AREA	RSA	RSA
SANITARY SEWER LINE (UNDERGROUND)	SS	SS
SAW CUT LINE		
SEGMENTED CIRCLE		
SEWER MANHOLE	S	S
SEWER SEPTIC CLEANOUT	S	S
SIGN (LIGHTED AIRPORT SIGN)		
SLOPE WITH GRADE		1.5%
SPOT ELEVATION		+100.00
ABANDONED & GROUTED UNDERDRAIN/STORM DRAIN		ABN–SD
UNDERDRAIN/STORM DRAIN LINE (UNDERGROUND)	SD	SD
STORM DRAIN MANHOLE		
STRUCTURAL EDGE		
TAXIWAY SAFETY AREA	TSA	TSA
TELEPHONE PEDESTAL	T	T
TEST BORING(PIT)	TB(P)	TB(P)
THRESHOLD MARKERS/LIGHTS		
TIE–DOWN		
TOE OF SLOPE		
CUT		
FILL		
TRAIL		
TRANSITION		
TREE LINE/VEGETATION		
VENT LINE	V	V
WATER (SHORELINE, RIVER)		
WATER LINE (UNDERGROUND)	W	W
WATER VALVE		
WIND CONE		

LINEWEIGHT SCALE

#	LINEWEIGHT	#	LINEWEIGHT
1		8	
2		9	
3		10	
4		11	
5		12	
6		13	
7		14	

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ABBREVIATIONS

ABN	ABANDONED
AC	ACRE, ADVISORY CIRCULAR
ACC	ASPHALT CEMENT CONCRETE
ACFT	AIRCRAFT
ACGP	ALASKA CONSTRUCTION GENERAL PERMIT
ACP	ASPHALT CONCRETE PAVEMENT
ACS	ALASKA COMMUNICATIONS SYSTEM
AD	ALGEBRAIC DIFFERENCE
AIA	ANCHORAGE INTERNATIONAL AIRPORT
AIP	AIRPORT IMPROVEMENT PROGRAM
ALCS	AIRFIELD LIGHTING CONTROL & MONITORING SYSTEM
ALP	AIRPORT LAYOUT PLAN
ALSF–X	APPROACH LIGHTING SYSTEM WITH SEQUENCED FLASHERS CONFIGURATION X
AOA	AIR OPERATIONS AREA
APPROX	APPROXIMATELY
APWA	AMERICAN PUBLIC WORKS ASSOCIATION
AR	ACCESS ROAD
ARP	AIRPORT REFERENCE POINT
ARFF	AIRCRAFT RESCUE AND FIRE FIGHTING
ASDE	AIRPORT SURFACE DETECTION EQUIPMENT
ASOS	AUTOMATIC SURFACE OBSERVATION SYSTEM
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
ATC	AIR TRAFFIC CONTROL
ATB	ASPHALT TREATED BASE
ATU	ANCHORAGE TELEPHONE UTILITY
AVE	AVENUE
AWG	AVERAGE WIRE GAUGE
AWOS	AUTOMATED WEATHER OBSERVING SYSTEM
BLK	BLOCK
BM	BITUMINOUS MIXTURE
BMP	BEST MANAGEMENT PRACTICE
BOP	BEGINNING OF PROJECT
BRL	BUILDING RESTRICTION LINE
BTB	BITUMINOUS TREATED BASE
BVCE	BEGIN VERTICAL CURVE ELEVATION
BVCS	BEGIN VERTICAL CURVE STATION
C	CONDUCTOR
CABC	CRUSHED AGGREGATE BASE COURSE
CASC	CRUSHED AGGREGATE SURFACE COURSE
CAT	CATEGORY
CBMH	CATCH BASIN MANHOLE
CEA	CHUGACH ELECTRIC ASSOCIATION
CF	CUBIC FOOT
CIP	CULVERT INLET PROTECTION
CL, ℄	CENTERLINE
CLSM	CONTROLLED LOW–STRENGTH MATERIAL
CMP	CORRUGATED METAL PIPE
COE	U.S. ARMY CORPS OF ENGINEERS
COMM	COMMUNICATION
CPE	CORRUGATED POLYETHYLENE PIPE
CPM	CRITICAL PATH METHOD
CS	CONTINGENT SUM
CSPP	CONSTRUCTION SAFETY & PHASING PLAN
CTAF	COMMON TRAFFIC ADVISORY FREQUENCY
CY	CUBIC YARD
DIA	DIAMETER
DOT&PF	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
DR	DIMENSION RATION
DWPA	DRINKING WATER PROTECTION AREA
E	EASTING, EAST
EA	EACH
ELEC	ELECTRICAL
ELEV	ELEVATION
EMH	ELECTRICAL MANHOLE
EOP	END OF PROJECT
ESCP	EROSION AND SEDIMENT CONTROL PLAN
EVCE	END VERTICAL CURVE ELEVATION
EVCS	END VERTICAL CURVE STATION
EXIST	EXISTING
F	FUEL LINE (UNDERGROUND)
FAA	FEDERAL AVIATION ADMINISTRATION
FES	FLARED END SECTION
FF	FINISH FLOOR
FG	FINISHED GRADE
FO	FIBER OPTIC (UNDERGROUND)
FOD	FOREIGN OBJECT DEBRIS
FOR	FUEL OIL RETURN (UNDERGROUND)
FOS	FUEL OIL SUPPLY (UNDERGROUND)
FSS	FLIGHT SERVICE STATION
FT	FOOT
G	GAS LINE (UNDERGROUND)
GA	GENERAL AVIATION, GAUGE
GALV	GALVANIZED
GB	GRADE BREAK
GS	GLIDE SLOPE INDICATOR
HAZMAT	HAZARDOUS MATERIAL
HDPE	HIGH DENSITY POLYETHYLENE PIPE
HH	HANDHOLE
HIRL	HIGH INTENSITY RUNWAY LIGHTS
HMA	HOT MIX ASPHALT
HR	HOUR
ID	INSIDE DIAMETER
ILS	INSTRUMENT LANDING SYSTEM
INV	INVERT
J–BOX	JUNCTION BOX
kV	KILOVOLT
L	LEFT
LB	POUND
LF	LINEAR FOOT
LHC	LAKE HOOD CONTROL
LHSB	LAKE HOOD SEAPLANE BASE
LOC	LOCALIZER
LS	LUMP SUM
MALS	MEDIUM INTENSITY APPROACH LIGHTING SYSTEM
MALSF	MEDIUM INTENSITY APPROACH LIGHTING SYSTEM WITH SEQUENCED FLASHERS
MALSR	MEDIUM INTENSITY APPROACH LIGHTING SYSTEM WITH RUNWAY ALIGNMENT INDICATOR LIGHTS
MAX	MAXIMUM
ME	MATCH EXISTING
M–GAL	THOUSAND GALLONS
MH	MANHOLE
MHHW	MEAN HIGHER HIGH WATER
MIN	MINIMUM
MIRL	MEDIUM INTENSITY RUNWAY LIGHTING
MISC	MISCELLANOUS
MITL	MEDIUM INTENSITY TAXIWAY LIGHTING
MLLW	MEAN LOWER LOW WATER
MSL	MEAN SEA LEVEL
N	NORTHING, NORTH
NAD	NORTH AMERICAN DATUM
NAVAID	NAVIGATIONAL AID
NAVAIDS	NAVIGATIONAL AIDS
NAVD	NORTH AMERICAN VERTICAL DATUM
NDB	NON–DIRECTIONAL RADIO HOMING BEACON
NE	NORTHEAST
NIC	NOT IN CONTRACT
NOTAM	NOTICE TO AIRMEN
NRCS	NATIONAL RADIO COMMUNICATIONS SYSTEM
NTP	NOTICE TO PROCEED
NTS	NOT TO SCALE
NW	NORTHWEST
OAS	OFFICE OF AIRCRAFT SERVICES
OC	ON CENTER
OD	OUTSIDE DIAMETER
ODALS	OMNI–DIRECTIONAL APPROACH LIGHTING SYSTEM
OFA	OBSTACLE FREE AREA
OFF	OFFSET
OFZ	OBJECT FREE ZONE
OG	ORIGINAL GROUND
OHC	COMMUNICATIONS LINE (OVERHEAD)
OHE	ELECTRICAL (OVERHEAD)
PAPI	PRECISION APPROACH PATH INDICATOR
PC	POINT OF CURVE
PCC	PORTLAND CEMENT CONCRETE
PCMP	POLYMER COATED METAL PIPE
PERF	PERFORATED
PI	POINT OF INTERSECTION
PNP	PLAN AND PROFILE
PPO	PHYSICAL PLANT OPERATIONS
POC	POINT–OF–CONTACT
POT	POINT–OF–TERMINATION
PR	PAIR
PS&E	PLANS, SPECIFICATIONS, & ESTIMATE
PSI	POUNDS PER SQUARE INCH
PT	POINT OF TANGENT
PVC	POLYVINYL CHLORIDE
PVI	POINT OF VERTICAL INTERSECTION
PVMT	PAVEMENT
R	RIGHT, RADIUS
RAP	RECYCLED ASPHALT PAVEMENT
RD	ROAD
REHAB	REHABILITATION
ROFA	RUNWAY OBJECT FREE AREA
ROFZ	RUNWAY OBSTACLE FREE ZONE
RP	RADIUS POINT
RPU	REMOTE PROCESSING UNIT
RPZ	RUNWAY PROTECTION ZONE
RSC	RIGID STEEL CONDUIT
RW	RUNWAY
RSA	RUNWAY SAFETY AREA
RVR	RUNWAY VISUAL RANGE
S	SOUTH
SALS	SHORT APPROACH LIGHTING SYSTEM
SD	STORM DRAIN
SDCB	STORM DRAIN CATCH BASIN
SDFD	STORM DRAIN FIELD DRAIN
SDMH	STORM DRAIN MANHOLE
SE	SOUTHEAST
SF	SQUARE FEET
SRE	SNOW REMOVAL EQUIPMENT
SREB	SNOW REMOVAL EQUIPMENT BUILDING
SS	SANITARY SEWER LINE (UNDERGROUND)
SS MH	SANITARY SEWER MANHOLE
ST	STREET
STA	STATION
STD	STANDARD
SVC	SERVICE
SW	SOUTHWEST
SWPPP	STORM WATER POLLUTION PREVENTION PLAN
SY	SQUARE YARD
T	TANGENT
T&E	TELEPHONE & ELECTRIC
TB	TEST BORING
TELE	TELEPHONE
TH	THRESHOLD
TN	TON
TORA	TAKE–OFF RUN AVAILABLE
TR	TOWER
TSA	TAXIWAY SAFETY AREA
TW	TAXIWAY
TYP	TYPICAL
U–O	OIL LINE (UNDERGROUND)
UON	UNLESS OTHERWISE NOTED
UCOM	COMMUNICATION LINE (UNDERGROUND)
UG	UNDERGROUND
UE	ELECTRIC LINE (UNDERGROUND)
V	VENT LINE
VASI	VISUAL APPROACH SLOPE INDICATOR
VC	VERTICAL CURVE
VGSI	VISUAL GLIDESLOPE INDICATOR
VOR	VERY HIGH FREQUENCY OMNI–DIRECTIONAL RANGE
VOR/DME	VERY HIGH FREQUENCY OMNI–DIRECTIONAL RANGE DISTANCE MEASURING EQUIPMENT
VPC	VERTICAL POINT OF CURVE
VPT	VERTICAL POINT OF TANGENT
VT	VERTICAL
W	WEST
W/	WITH
WAAS	WIDE AREA AUGMENTATION SYSTEM
WASS	WIDE AREA AUGMENTATION SYSTEM – GPS
WWF	WELDED WIRE FABRIC

PRELIMINARY

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
ABBREVIATIONS

DATE: 2/13/2018
SHEET: 5 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: ABBREVIATIONS
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Cover Legend Quantities.dwg 2/13/2018, 8:03 PM

ESTIMATED QUANTITIES NTP #1

No.	ITEM	UNIT	QTY
D-701a(1).n1	CPE PIPE, 8-INCH	LF	1,314
D-705a(1).n1	PERFORATED CPE DRAINAGE TUBING, CLASS S UNDERDRAIN, 8-INCH	LF	2,720
D-705c.n1	POROUS BACKFILL NO. 2	CY	812
D-705d.n1	FILTER FABRIC	SY	3,732
D-705f.n1	CLEANOUT	EA	10
D-751a.n1	MANHOLE, TYPE I	EA	2
D-751o.n1	RECONSTRUCT EXISTING MANHOLE	EA	3
F-175a.n1	BLAST FENCE	LF	280
G-100a.n1	MOBILIZATION AND DEMOBILIZATION	LS	ALL REQ'D
G-135a.n1	CONSTRUCTION SURVEYING BY THE CONTRACTOR	LS	ALL REQ'D
G-135b.n1	EXTRA THREE PERSON SURVEY PARTY	HOUR	20
G-135e.n1	CONTRACTOR FURNISHED ENGINEERING TOOLS	CS	ALL REQ'D
G-135f.n1	CONTRACTOR FURNISHED COMPUTATIONS	LS	ALL REQ'D
G-150a.n1	EQUIPMENT RENTAL, 75 HP DOZER	HOUR	40
G-150b.n1	EQUIPMENT RENTAL, VAC-TRUCK	CS	ALL REQ'D
G-200a.n1	CONTRACTOR QUALITY CONTROL PROGRAM	LS	ALL REQ'D
G-300a.n1	CPM SCHEDULING	LS	ALL REQ'D
G-301a.n1	PULL PLANNING	LS	ALL REQ'D
G-700a.n1	AIRPORT FLAGGER	CS	ALL REQ'D
G-700b.n1	AIRPORT PILOT CAR	HOUR	1,350
G-705a.n1	WATERING FOR DUST CONTROL	M-GAL	1,200
L-100c.n1	HIGH INTENSITY RUNWAY EDGE AND THRESHOLD LIGHT, L-862 AND L-862E	EA	29
L-100e(1).n1	TAXIWAY EDGE LIGHT, L-861T	EA	42
L-100e(2).n1	TAXIWAY EDGE LIGHT, L-861T (REINSTALL EXISTING)	EA	13
L-100h.n1	REMOVE RUNWAY AND TAXIWAY LIGHT	EA	169
L-100i(2).n1	FLUSH RUNWAY CENTERLINE LIGHT, L-850A OR L-850B (REINSTALL EXISTING)	EA	33
L-100i(3).n1	FLUSH RUNWAY CENTERLINE LIGHT, L-850A OR L-850B (TRIM OUT ONLY)	EA	33
L-100j(1).n1	FLUSH TAXIWAY CENTERLINE LIGHT, L-852C, L-852D, L-852G, OR L-852K	EA	54
L-100j(2).n1	FLUSH TAXIWAY CENTERLINE LIGHT, L-852C, L-852D, L-852G, OR L-852K (REINSTALL EXISTING)	EA	24
L-100k.n1	FLUSH RUNWAY EDGE LIGHT, L-850C	EA	3
l-100m(1).n1	RUNWAY GUARD LIGHT, L-804	EA	4
L-100m(2).n1	RUNWAY GUARD LIGHT, L-804 (REINSTALL EXISTING)	EA	2
L-100n.n1	AIRPORT SIGN, TYPE L-858	EA	10
L-100p.n1	HANDHOLE, L-867, SIZE B	EA	1

No.	ITEM	UNIT	QTY
L-100r.n1	TEMPORARY RUNWAY LIGHTING SYSTEM	LS	ALL REQ'D
L-100ap.n1	SPARE PARTS	CS	ALL REQ'D
L-108a(1).n1	UNDERGROUND CABLE #8 AWG, COPPER, 5kV FAA TYPE "C", L-824	LF	10,800
L-108a(2).n1	UNDERGROUND CABLE #6 AWG, COPPER, 5kV FAA TYPE "C", L-824	LF	23,100
L-108c.n1	#6 AWG BARE COPPER GROUND CONDUCTOR	LF	15,200
L-108g.n1	GROUND ROD	EA	17
L-108h.n1	UNDERGROUND CABLE #14 AWG, 2 CONDUCTOR, COPPER, 600 V, TYPE "SOOW-A/SOOW"	LF	570
L-108s.n1	TEMPORARY JUMPERS	LF	15,940
L-110g(1).n1	2-INCH PE CONDUIT	LF	7,560
L-110g(2).n1	2-INCH PE CONDUIT, CONCRETE ENCASED	LF	5,490
L-110s.n1	ADJUST ELECTRICAL MANHOLE	EA	1
L-110w.n1	DRYWELL	EA	13
L-130a.n1	SURFACE SENSOR SYSTEM	LS	ALL REQ'D
L-132a(2).n1	INSTALL APPROACH LIGHTING AIDS (RW 33 PAPI/REIL)	LS	ALL REQ'D
L-132b(3).n1	REMOVE APPROACH LIGHTING AIDS (RW 33 PAPI/REIL)	LS	ALL REQ'D
P-151d.n1	CLEARING AND GRUBBING	LS	ALL REQ'D
P-152a.n1	UNCLASSIFIED EXCAVATION	CY	68,000
P-154b.n1	SUBBASE COURSE	TON	109,000
P-156a.n1	EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	LS	ALL REQ'D
P-156b.n1	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL	CS	ALL REQ'D
P-156f.n1	WITHHOLDING	CS	ALL REQ'D
P-156g.n1	SWPPP MANAGER	LS	ALL REQ'D
P-161b.n1	RECYCLED ASPHALT PAVEMENT	CY	4,300
P-165a.n1	REMOVAL OF STRUCTURES	LS	ALL REQ'D
P-170e.n1*	SOIL TESTING PROGRAM	CS	ALL REQ'D
P-170g.n1*	SUPPLEMENTAL LABORATORY TEST	CS	ALL REQ'D
P-171b.n1	TEMPORARY CONTAMINATED SOIL STOCKPILE AREA	CS	ALL REQ'D
P-209b.n1	CRUSHED AGGREGATE BASE COURSE	TON	7,800
P-401a(1).n1	HOT MIX ASPHALT TYPE V, CLASS S	TON	15,100
P-401a(2).n1	HOT MIX ASPHALT TYPE II, CLASS A	TON	16,000
P-401b(1).n1	HOT MIX ASPHALT PRICE ADJUSTMENT, CLASS S	CS	ALL REQ'D
P-401b(2).n1	HOT MIX ASPHALT PRICE ADJUSTMENT, CLASS A	CS	ALL REQ'D
P-401c.n1	ASPHALT BINDER, PG 58-34E	TON	1,750

No.	ITEM	UNIT	QTY
P-401e.n1	ASPHALT MATERIAL PRICE ADJUSTMENT	CS	ALL REQ'D
P-401g.n1	LONGITUDINAL JOINT DENSITY PRICE ADJUSTMENT	CS	ALL REQ'D
P-401h.n1	JOINT ADHESIVE	LF	11,600
P-560b.n1	PORTLAND CEMENT GROUT	LS	ALL REQ'D
P-603a.n1	TACK COAT, STE-1	TON	67
P-620a.n1	RUNWAY AND TAXIWAY PAINTING	SF	77,000
P-620e.n1	PAINTED MARKING REMOVAL	SF	6,550
P-620g.n1	TEMPORARY RUNWAY AND TAXIWAY PAINTING	LS	ALL REQ'D
P-621a.n1	SAW-CUT GROOVES	SY	48,200
P-630a.n1	INTELLIGENT COMPACTION FOR HOT MIX ASPHALT PAVEMENT	LS	ALL REQ'D
P-670a.n1	HAZARD MARKER BARRIER, PLASTIC	EA	178
P-670b.n1	FLASHER UNIT FOR PLASTIC BARRIER	EA	178
P-671b.n1	TAXIWAY CLOSURE MARKER, VINYL MESH	EA	2
P-681a.n1	GEOTEXTILE, SEPARATION	SY	39,600
T-901b.n1	SEEDING	LB	44
T-905a.n1	TOPSOILING	SY	970

* = NON AIP

ESTIMATING FACTORS

No.	ITEM	FACTOR
P-701h.n1	CLASS B BEDDING	150 LB/CF
P-154b.n1	SUBBASE COURSE	2.00 T/CY
P-206b.n1	CRUSHED AGGREGATE BASE COURSE	2.00 T/CY
P-401a(1).n1	HOT MIX ASPHALT TYPE V, CLASS S	2.05 T/CY
P-401a(2).n1	HOT MIX ASPHALT TYPE II, CLASS A	2.05 T/CY
P-401c.n1	ASPHALT CEMENT PG 58-34	5.5% OF P-401a
P-603a.n1	TACK COAT, STE-1	0.8416 LBS/SY
P-901b.n1	SEEDING	5 LBS/1,000 SF

PRELIMINARY

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

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DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
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TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
ESTIMATED QUANTITIES NTP #1

DATE: 2/13/2018

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: Estimated Quantities
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Cover Legend Quantities.dwg 2/13/2018, 8:16 PM

ESTIMATED QUANTITIES NTP #2

No.	ITEM	UNIT	QTY
D–701a(1).n2	CPE PIPE, 8–INCH	LF	7,582
D–701a(2).n2	CPE PIPE, 24–INCH	LF	2,233
D–705a(1).n2	PERFORATED CPE DRAINAGE TUBING, CLASS S UNDERDRAIN, 8–INCH	LF	18,914
D–705c.n2	POROUS BACKFILL NO. 2	CY	5089
D–705d.n2	FILTER FABRIC	SY	23,408
D–705f.n2	CLEANOUT	EA	43
D–751a.n2	MANHOLE, TYPE I	EA	7
D–751o.n2	RECONSTRUCT EXISTING MANHOLE	EA	24
G–100a.n2	MOBILIZATION AND DEMOBILIZATION	LS	ALL REQ'D
G–135a.n2	CONSTRUCTION SURVEYING BY THE CONTRACTOR	LS	ALL REQ'D
G–135b.n2	EXTRA THREE PERSON SURVEY PARTY	HOUR	80
G–135e.n2	CONTRACTOR FURNISHED ENGINEERING TOOLS	CS	ALL REQ'D
G–135f.n2	CONTRACTOR FURNISHED COMPUTATIONS	LS	ALL REQ'D
G–150a.n2	EQUIPMENT RENTAL, 75 HP DOZER	HOUR	160
G–150b.n2	EQUIPMENT RENTAL, VAC–TRUCK	CS	ALL REQ'D
G–200a.n2	CONTRACTOR QUALITY CONTROL PROGRAM	LS	ALL REQ'D
G–300a.n2	CPM SCHEDULING	LS	ALL REQ'D
G–301a.n2	PULL PLANNING	LS	ALL REQ'D
G–700a.n2	AIRPORT FLAGGER	CS	ALL REQ'D
G–700b.n2	AIRPORT PILOT CAR	HOUR	2,200
G–705a.n2	WATERING FOR DUST CONTROL	M–GAL	5,750
L–100b.n2	REGULATOR, L–829	EA	1
L–100c.n2	HIGH INTENSITY RUNWAY EDGE AND THRESHOLD LIGHT, L–862 AND L–862E	EA	87
L–100e(1).n2	TAXIWAY EDGE LIGHT, L–861T	EA	69
L–100e(2).n2	TAXIWAY EDGE LIGHT, L–861T (REINSTALL EXISTING)	EA	73
L–100h.n2	REMOVE RUNWAY AND TAXIWAY LIGHT	EA	615
L–100i(1).n2	FLUSH RUNWAY CENTERLINE LIGHT, L–850A OR L–850B	EA	183
L–100j(1).n2	FLUSH TAXIWAY CENTERLINE LIGHT, L–852C, L–852D, L–852G, OR L–852K	EA	125
L–100j(2).n2	FLUSH TAXIWAY CENTERLINE LIGHT, L–852C, L–852D, L–852G OR L–852K (REINSTALL EXISTING)	EA	14
L–100k.n2	FLUSH RUNWAY EDGE LIGHT, L–850C	EA	13
l–100m(1).n2	RUNWAY GUARD LIGHT, L–804	EA	2
L–100m(2).n2	RUNWAY GUARD LIGHT, L–804 (REINSTALL EXISTING)	EA	2
L–100n.n2	AIRPORT SIGN, TYPE L–858	EA	28
L–108a(1).n2	UNDERGROUND CABLE #8 AWG, COPPER, 5kV FAA TYPE "C", L–824	LF	54,700
L–108a(2).n2	UNDERGROUND CABLE #6 AWG, COPPER, 5kV FAA TYPE "C", L–824	LF	39,500
L–108c.n2	#6 AWG BARE COPPER GROUND CONDUCTOR	LF	59,700
L–108g.n2	GROUND ROD	EA	62
L–108h.n2	UNDERGROUND CABLE #14 AWG, 2 CONDUCTOR, COPPER, 600 V, TYPE "SOOW–A/SOOW"	LF	1,770
L–108s.n2	TEMPORARY JUMPERS	LF	780
L–110g(1).n2	2–INCH PE CONDUIT	LF	26,960
L–110g(2).n2	2–INCH PE CONDUIT, CONCRETE ENCASED	LF	24,190
L–110n.n2	ELECTRICAL MANHOLE, TYPE AIA	EA	1
L–110s.n2	ADJUST ELECTRICAL MANHOLE	EA	7
L–110w.n2	DRYWELL	EA	36
L–130a.n2	SURFACE SENSOR SYSTEM	LS	ALL REQ'D
L–132a(1).n2	INSTALL APPROACH LIGHTING AIDS (RW 15 MALSF)	LS	ALL REQ'D
L–132b(1).n2	REMOVE APPROACH LIGHTING AIDS (RW 15 ODALS)	LS	ALL REQ'D
L–132b(2).n2	REMOVE APPROACH LIGHTING AIDS (RW 15 PAPI)	LS	ALL REQ'D
P–151d.n2	CLEARING AND GRUBBING	LS	ALL REQ'D
P–152a.n2	UNCLASSIFIED EXCAVATION	CY	339,000
P–154b.n2	SUBBASE COURSE	TON	708,000
P–156a.n2	EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	LS	ALL REQ'D
P–156b.n2	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL	CS	ALL REQ'D
P–156f.n2	WITHHOLDING	CS	ALL REQ'D
P–156g.n2	SWPPP MANAGER	LS	ALL REQ'D
P–161b.n2	RECYCLED ASPHALT PAVEMENT	CY	27,300
P–165a.n2	REMOVAL OF STRUCTURES	LS	ALL REQ'D
P–170e.n2*	SOIL TESTING PROGRAM	CS	ALL REQ'D
P–170g.n2*	SUPPLEMENTAL LABORATORY TEST	CS	ALL REQ'D
P–171b.n2	TEMPORARY CONTAMINATED SOIL STOCKPILE AREA	CS	ALL REQ'D
P–209b.n2	CRUSHED AGGREGATE BASE COURSE	TON	34,800
P–401a(1).n2	HOT MIX ASPHALT TYPE V, CLASS S	TON	74,000
P–401a(2).n2	HOT MIX ASPHALT TYPE II, CLASS A	TON	59,000
P–401b(1).n2	HOT MIX ASPHALT PRICE ADJUSTMENT, CLASS S	CS	ALL REQ'D
P–401b(2).n2	HOT MIX ASPHALT PRICE ADJUSTMENT, CLASS A	CS	ALL REQ'D
P–401c.n2	ASPHALT BINDER, PG 58–34E	TON	7,350
P–401e.n2	ASPHALT MATERIAL PRICE ADJUSTMENT	CS	ALL REQ'D
P–401g.n2	LONGITDINAL JOINT DENSITY PRICE ADJUSTMENT	CS	ALL REQ'D
P–401h.n2	JOINT ADHESIVE	LF	68,000
P–560b.n2	PORTLAND CEMENT GROUT	LS	ALL REQ'D
P–603a.n2	TACK COAT, STE–1	TON	280
P–610a.n2	STRUCTURAL PORTLAND CEMENT CONCRETE	CY	88
P–620a.n2	RUNWAY AND TAXIWAY PAINTING	SF	204,000
P–620e.n2	PAINTED MARKING REMOVAL	SF	29,700
P–621a.n2	SAW–CUT GROOVES	SY	257,000
P–630a.n2	INTELLIGENT COMPACTION FOR HOT MIX ASPHALT PAVEMENT	LS	ALL REQ'D
P–670a.n2	HAZARD MARKER BARRIER, PLASTIC	EA	64
P–670b.n2	FLASHER UNIT FOR PLASTIC BARRIER	EA	64
P–671a.n2	RUNWAY CLOSURE MARKER, LIGHTED	EA	2
P–671b.n2	TAXIWAY CLOSURE MARKER, VINYL MESH	EA	7
P–681a.n2	GEOTEXTILE, SEPARATION	SY	262,000
T–901b.n2	SEEDING	LB	1,250
T–905a.n2	TOPSOILING	SY	27,600
U–200d.n2	SANITARY SEWER MANHOLE	EA	2
U–600a.n2	FUEL SYSTEM	LS	ALL REQ'D

* = NON AIP

ESTIMATING FACTORS

No.	ITEM	FACTOR
P–701h.n2	CLASS B BEDDING	150 LB/CF
P–154b.n2	SUBBASE COURSE	2.00 T/CY
P–206b.n2	CRUSHED AGGREGATE BASE COURSE	2.00 T/CY
P–401a(1).n2	HOT MIX ASPHALT TYPE V, CLASS S	2.05 T/CY
P–401a(2).n2	HOT MIX ASPHALT TYPE II, CLASS A	2.05 T/CY
P–401c.n2	ASPHALT CEMENT PG 58–34	5.5% OF P–401a
P–603a.n2	TACK COAT, STE–1	0.8416 LBS/SY
P–901b.n2	SEEDING	5 LBS/1,000 SF

PRELIMINARY

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
ESTIMATED QUANTITIES NTP #2

DATE: 2/13/2018
SHEET: 7 OF 123

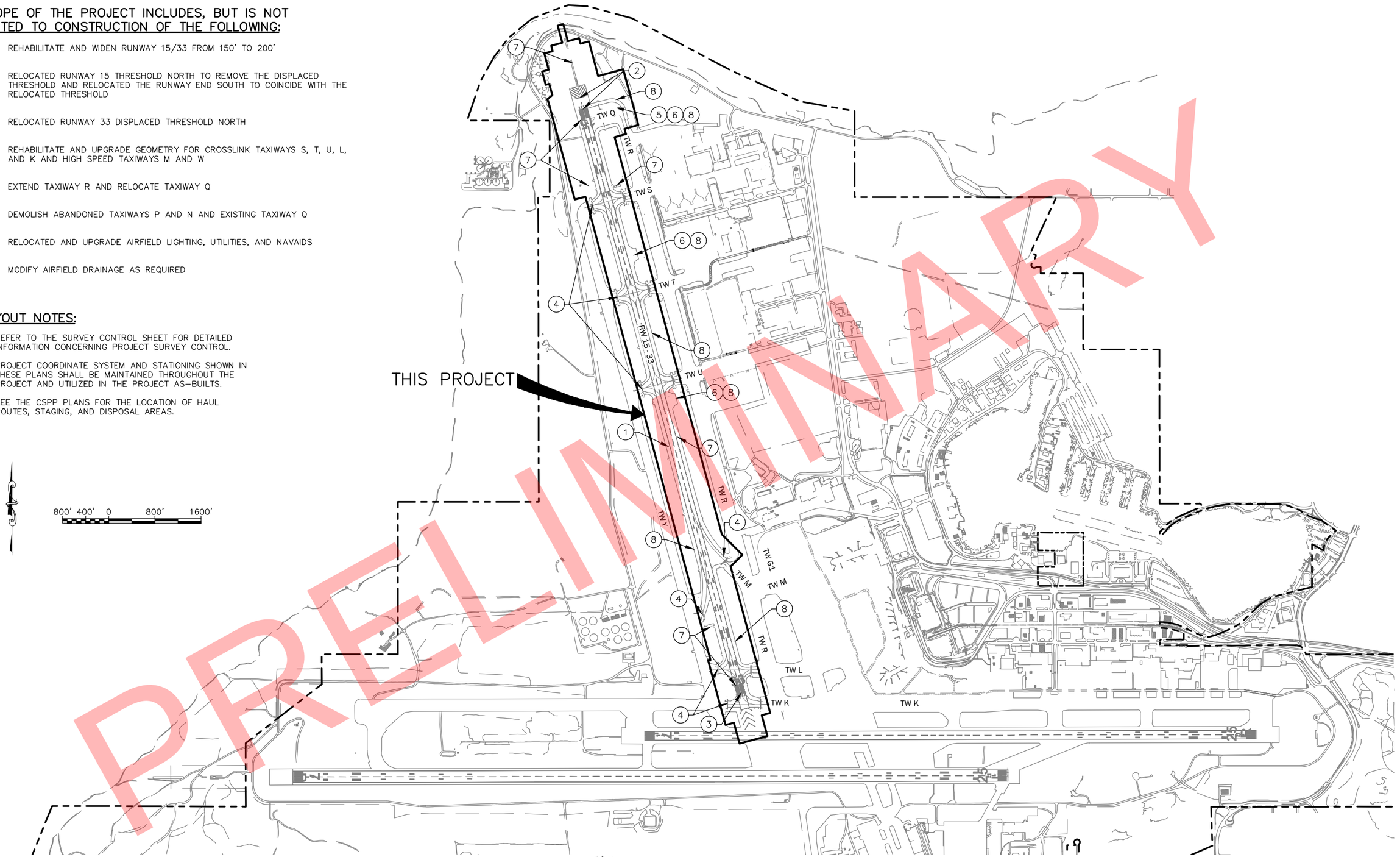
Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: Estimated Quantities (2)
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Cover Legend Quantities.dwg 2/13/2018, 8:17 PM

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

1. REHABILITATE AND WIDEN RUNWAY 15/33 FROM 150' TO 200'
2. RELOCATED RUNWAY 15 THRESHOLD NORTH TO REMOVE THE DISPLACED THRESHOLD AND RELOCATED THE RUNWAY END SOUTH TO COINCIDE WITH THE RELOCATED THRESHOLD
3. RELOCATED RUNWAY 33 DISPLACED THRESHOLD NORTH
4. REHABILITATE AND UPGRADE GEOMETRY FOR CROSSLINK TAXIWAYS S, T, U, L, AND K AND HIGH SPEED TAXIWAYS M AND W
5. EXTEND TAXIWAY R AND RELOCATE TAXIWAY Q
6. DEMOLISH ABANDONED TAXIWAYS P AND N AND EXISTING TAXIWAY Q
7. RELOCATED AND UPGRADE AIRFIELD LIGHTING, UTILITIES, AND NAVAIDS
8. MODIFY AIRFIELD DRAINAGE AS REQUIRED

LAYOUT NOTES:

1. REFER TO THE SURVEY CONTROL SHEET FOR DETAILED INFORMATION CONCERNING PROJECT SURVEY CONTROL.
2. PROJECT COORDINATE SYSTEM AND STATIONING SHOWN IN THESE PLANS SHALL BE MAINTAINED THROUGHOUT THE PROJECT AND UTILIZED IN THE PROJECT AS-BUILTS.
3. SEE THE CSPP PLANS FOR THE LOCATION OF HAUL ROUTES, STAGING, AND DISPOSAL AREAS.



PRELIMINARY

Date Revised: 2/13/2018, 6:02 PM
Layout Name: PROJECT LAYOUT PLAN
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Project Layout Plan.dwg
Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

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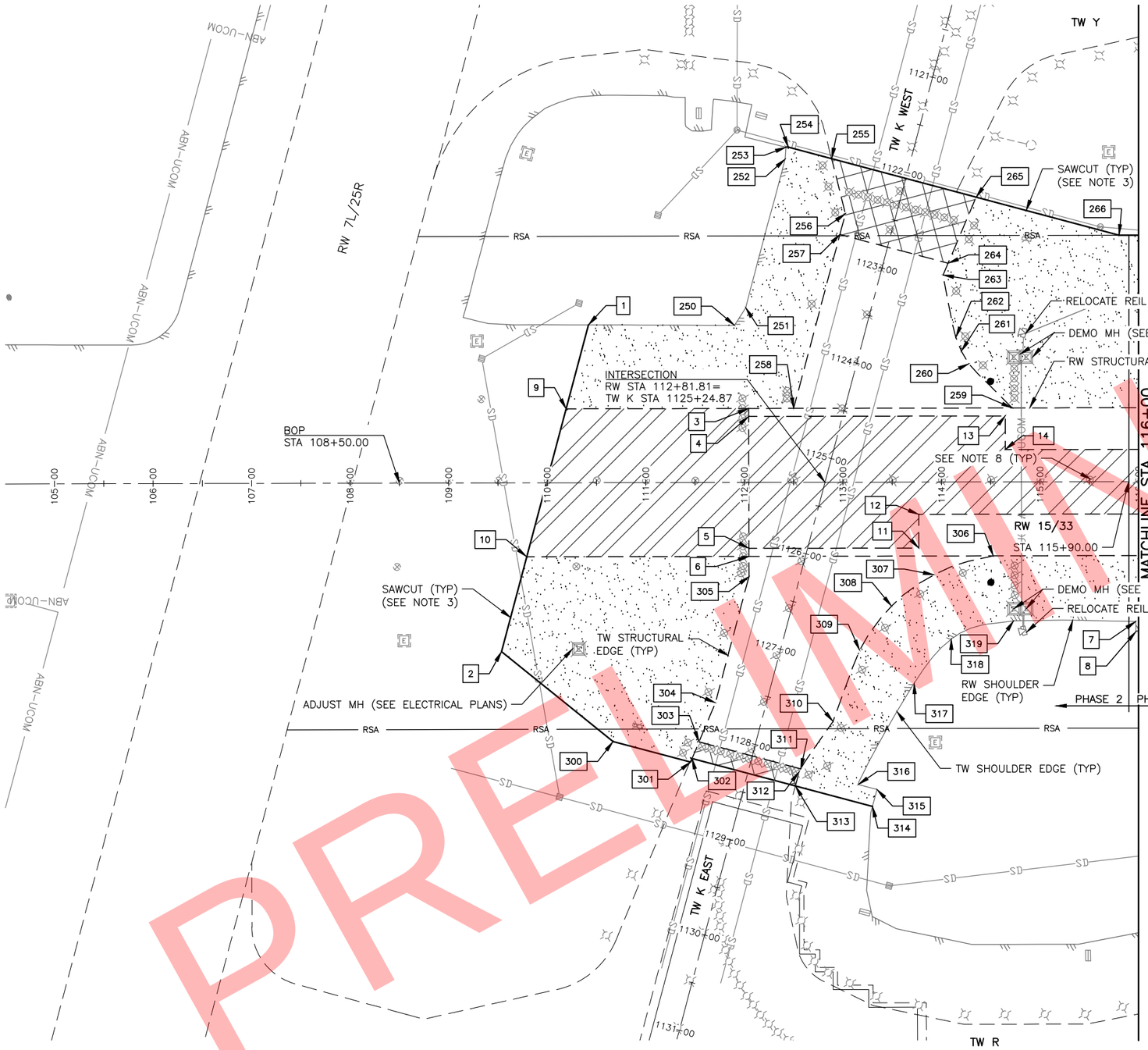
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
PROJECT LAYOUT PLAN

DATE: 2/13/2018
SHEET: 8 OF 123



STORM DRAIN DEMOLITION NOTES:

1. CUT BACK EXISTING 6" SUBSURFACE DRAIN PIPE AS SUBSURFACE DRAIN PIPE AS NECESSARY TO GROUT PIPE AND INSTALL NEW 8" UNDERDRAIN PIPE.
2. GROUTING OF THE EXISTING 6" SUBSURFACE DRAIN PIPE AND REMOVAL AND DISPOSAL OF ANY CUT PIECES AS PAID FOR UNDER P-165.
3. REMOVAL OF THE EXISTING 6" SUBSURFACE DRAIN PIPE IS SUBSIDIARY TO D-701.
4. REMOVAL OF STORM DRAIN OR CATCH BASIN MANHOLES IS SUBSIDIARY TO D-751.
5. SEE THE DRAINAGE PLANS FOR THE NEW LOCATIONS OF UNDERDRAINS, STORMDRAINS, AND MANHOLES.

TYPICAL DEMOLITION NOTES:

1. TRANSITIONS BETWEEN DIFFERENT PAVEMENT SECTIONS AND TRANSITIONS TO EXISTING PAVEMENT WILL REQUIRE STEPPED PAVEMENT MILLING. REFER TO THE TYPICAL SECTIONS AND TRANSITION DETAILS FOR ADDITIONAL INFORMATION.
2. ALL ASPHALT PAVEMENT REMOVED SHALL BE REUSED AS RAP IF IT MEETS THE CRITERIA IN SPECIFICATION P-401.
3. ALL JOINTS WITH EXISTING PAVEMENTS SHALL BE SAW CUT AND PROTECTED FROM DAMAGE.
4. REMOVE ALL ASPHALT PAVEMENTS WITHIN THE LIMITS OF EXCAVATION BEFORE EXCAVATING SUBSTRUCTURE TO AVOID MIXING OR CONTAMINATION WITH AGGREGATE LAYERS.
5. UNDERGROUND UTILITIES IN THESE DRAWINGS ARE SHOWN IN GENERAL LOCATIONS ONLY. OTHER UTILITIES MAY EXIST THROUGHOUT THE PROJECT AREA. DEPTHS OF MOST ARE UNKNOWN, LOCATE UTILITIES IN THE VICINITY PRIOR TO EXCAVATION AND DEMO.
6. PROTECT IN PLACE EXISTING STORM DRAIN SYSTEM UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
7. REFER TO THE ELECTRICAL PLANS FOR THE APPROXIMATE LOCATIONS OF EXISTING ELECTRICAL CONDUITS, SIGNAL UTILITIES, AND DEMOLITION INFORMATION.
8. SEE ELECTRICAL DEMOLITION TRENCH DETAIL ON SHEET 17 FOR REMOVAL OF EXISTING LIGHT BASES, CONDUIT, AND CONCRETE.
9. REFERENCE THE GEOTECH REPORT FOR PAVEMENT THICKNESS.

RW DEMO SCHEDULE

POINT	STATION	OFFSET
1	110+42.07	160.01L
2	109+53.32	171.04R
3	112+04.48	75.00L
4	112+04.48	66.92L
5	112+04.48	66.92R
6	112+04.48	75.00R
7	115+96.76	141.77R
8	115+97.05	151.95R
9	110+19.28	75.00L
10	109+79.06	75.00R
11	113+76.81	66.92R

TW K WEST DEMO SCHEDULE

POINT	STATION	OFFSET
250	1123+94.67	129.59R
251	1123+74.46	123.31R
252	1122+18.52	123.38R
253	1122+06.70	125.61R
254	1122+06.02	123.47R
255	1122+06.02	77.79R
256	1122+56.43	50.00R
257	1122+78.16	50.00R
258	1124+60.63	50.00R
259	1124+03.19	164.27L
260	1123+71.18	110.02L
261	1123+60.79	99.58L
262	1123+48.66	90.47L
263	1122+91.08	61.72L
264	1122+78.16	63.56L
265	1122+06.02	73.85L
266	1122+06.02	223.92L

TW K EAST DEMO SCHEDULE

POINT	STATION	OFFSET
300	1128+34.21	140.26R
301	1128+34.21	58.95R
302	1128+30.21	58.39R
303	1128+12.08	55.89R
304	1127+69.41	50.00R
305	1126+37.02	50.00R
306	1125+53.13	184.23L
307	1125+87.16	130.94L
308	1126+28.94	97.45L
309	1126+80.43	77.72L
310	1127+57.23	70.19L
311	1128+12.27	50.83L
312	1128+15.36	50.00L
313	1128+30.21	50.00L
314	1128+30.21	131.00L
315	1128+12.41	131.00L
316	1128+12.37	111.42L
317	1126+98.56	139.79L
318	114+09.70	159.21R
319	114+72.78	140.97R

LEGEND

- VARIABLE DEPTH PAVEMENT MILLING AREA
- MILL FULL DEPTH SHOULDER PAVEMENT AREA (PAVEMENT THICKNESS VARIES 2"–8", SEE NOTE 9) (REMOVE SUBGRADE AS NECESSARY FOR NEW SECTION)
- MILL FULL DEPTH STRUCTURAL PAVEMENT AREA (PAVEMENT THICKNESS VARIES 5"–8", SEE NOTE 9) (REMOVE SUBGRADE AS NECESSARY FOR NEW SECTION)
- MILL FULL DEPTH STRUCTURAL PAVEMENT AREA (PAVEMENT THICKNESS APPROXIMATELY 15") (REMOVE SUBGRADE AS NECESSARY FOR NEW SECTION)

60' 30' 0 60' 120'
HORIZONTAL SCALE

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

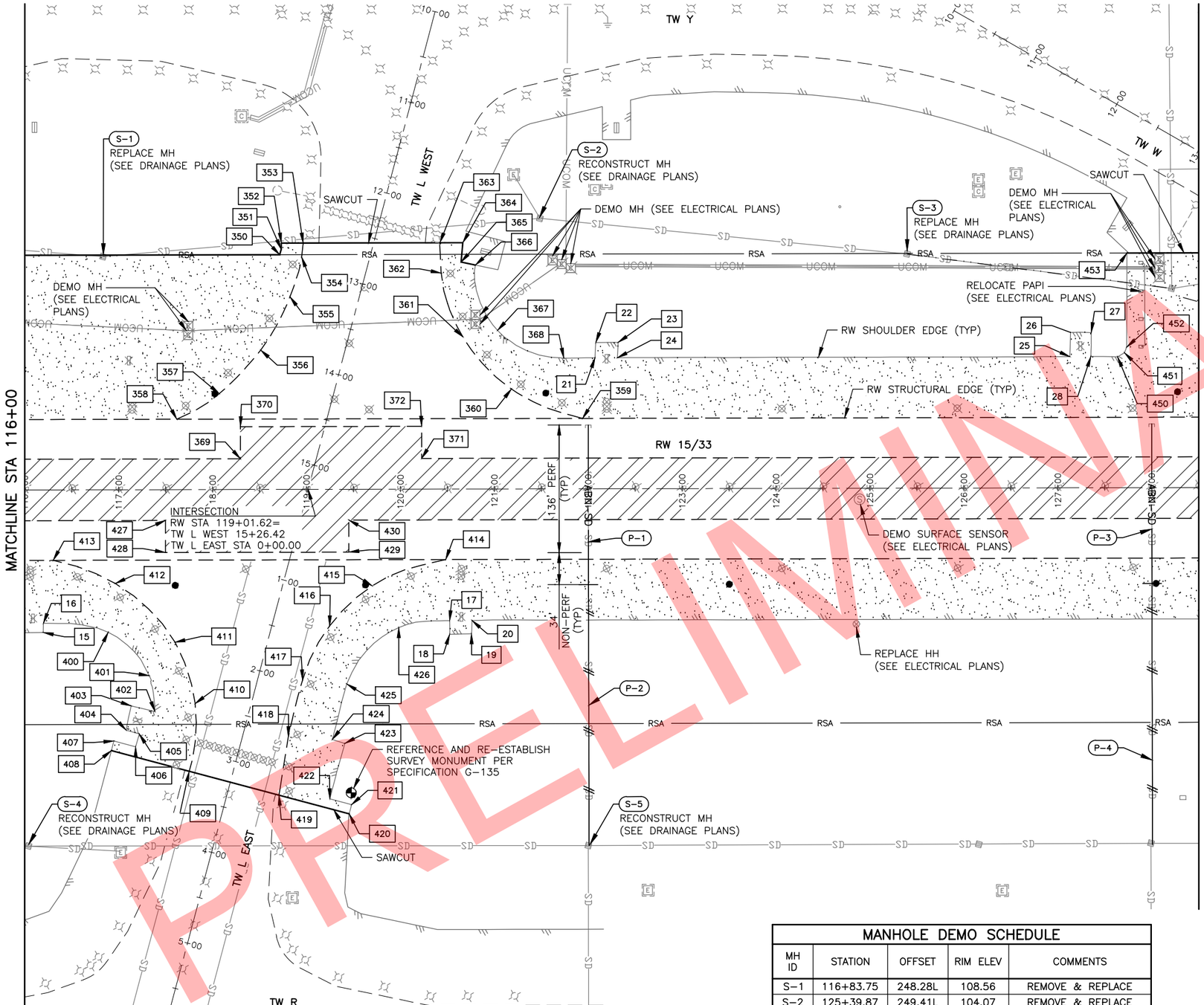
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
DEMOLITION PLAN
STA 104+50 TO 116+00

DATE: 2/13/2018
SHEET: 9 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: 104+50 TO 116+00
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - DEMO.dwg
2/13/2018, 6:04 PM

PRELIMINARY



TW L WEST DEMO SCHEDULE		
POINT	STATION	OFFSET
350	12+92.63	93.40R
351	12+86.63	93.40R
352	12+80.27	94.93R
353	12+74.26	72.52R
354	12+88.86	70.22R
355	13+33.17	71.38R
356	13+95.96	86.91R
357	14+52.23	117.61R
358	14+90.15	154.42R
359	13+78.30	263.01L
360	13+67.47	181.70L
361	13+27.24	117.74L
362	12+67.36	77.71L
363	12+36.56	68.18L
364	12+30.24	91.80L
365	12+50.60	95.23L
366	12+49.73	110.80L
367	13+10.98	151.39L
368	13+21.48	227.21L
369	15+13.42	78.02R
370	14+80.42	86.87R
371	14+63.47	108.40L
372	14+30.46	99.56L

RW DEMO SCHEDULE		
POINT	STATION	OFFSET
15	116+19.32	151.77R
16	116+19.43	142.07R
17	120+52.09	140.19R
18	120+52.07	154.62R
19	120+75.19	154.16R
20	120+75.82	139.98R
21	122+07.51	139.61L
22	122+08.30	155.74L
23	122+32.05	155.78L
24	122+31.25	139.51L
25	127+12.97	139.73L
26	127+13.94	165.42L
27	127+35.80	165.24L
28	127+35.49	139.76L

TW L EAST DEMO SCHEDULE		
POINT	STATION	OFFSET
400	2+01.66	166.68R
401	2+35.12	112.62R
402	2+70.49	96.87R
403	2+71.24	122.81R
404	2+97.51	121.42R
405	2+97.88	106.86R
406	3+12.17	107.04R
407	3+12.12	131.00R
408	3+22.72	131.00R
409	3+22.72	45.28R
410	2+51.33	57.72R
411	1+93.81	95.16R
412	1+49.65	172.67R
413	1+42.72	242.84R
414	0+34.58	160.72L
415	0+81.75	92.34L
416	1+34.58	59.42L
417	1+97.61	46.38L
418	2+59.85	47.34L
419	3+22.72	53.71L
420	3+22.72	131.00L
421	3+12.66	131.00L
422	3+12.61	106.93L
423	2+51.42	107.30L
424	2+50.75	93.28L
425	1+89.67	93.05L
426	1+17.55	131.10L
427	0+70.97	138.34R
428	1+03.98	129.50R
429	0+53.47	59.02L
430	0+20.46	50.18L

TW W DEMO SCHEDULE		
POINT	STATION	OFFSET
450	13+34.76	232.90R
451	13+38.94	225.39R
452	13+38.04	219.16R
453	12+88.30	132.02R
454	13+76.68	81.00R

MANHOLE DEMO SCHEDULE				
MH ID	STATION	OFFSET	RIM ELEV	COMMENTS
S-1	116+83.75	248.28L	108.56	REMOVE & REPLACE
S-2	125+39.87	249.41L	104.07	REMOVE & REPLACE

PIPE DEMO SCHEDULE									
PIPE ID	DIA (IN)	LENGTH (FT)	TYPE	BEGIN			END			COMMENTS
				STATION	OFFSET	INVERT	STATION	OFFSET	INVERT	
P-1	6	170	PERF & NON-PERF CMP	122+00.00	68.00L	100.80	122+00.00	102.00R	99.10	ABANDON & GROUT
P-2	6	278	NON-PERF CMP	122+00.00	102.00R	99.10	122+00.00	380.00R	96.32	REMOVE & REPLACE
P-3	6	170	PERF & NON-PERF CMP	128+00.00	68.00L	98.88	128+00.00	102.00R	97.18	ABANDON & GROUT
P-4	6	278	NON-PERF CMP	128+00.00	102.00R	97.18	128+00.00	380.00R	94.40	REMOVE & REPLACE

NOTE: INVERTS ARE APPROXIMATE BASED ON AS-BUILTS, CONTRACTOR TO FIELD VERIFY.

LEGEND

- VARIABLE DEPTH PAVEMENT MILLING AREA
- MILL FULL DEPTH SHOULDER PAVEMENT AREA (PAVEMENT THICKNESS VARIES 2"-8", SEE NOTE 9) (REMOVE SUBGRADE AS NECESSARY FOR NEW SECTION)
- MILL FULL DEPTH STRUCTURAL PAVEMENT AREA (PAVEMENT THICKNESS VARIES 5"-8", SEE NOTE 9) (REMOVE SUBGRADE AS NECESSARY FOR NEW SECTION)
- REPLACE STORM DRAIN
- ABANDON & GROUT STORM DRAIN

60' 30' 0 60' 120'
HORIZONTAL SCALE

PRELIMINARY

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
DEMOLITION PLAN
STA 116+00 TO 128+50

DATE: 2/13/2018

SHEET: 10 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB

Date Revised:
Layout Name: 116+00 TO 128+50
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - DEMO.dwg
2/13/2018, 6:04 PM

TW W DEMO SCHEDULE			TW W DEMO SCHEDULE		
POINT	STATION	OFFSET	POINT	STATION	OFFSET
454	13+76.68	81.00R	463	18+07.97	99.81L
455	13+52.01	81.00R	464	16+42.62	86.78L
456	14+07.20	49.13R	465	16+92.75	115.72L
457	16+87.27	49.26R	466	17+97.70	131.27L
458	17+14.22	63.06R	467	19+13.17	158.21L
459	17+07.96	91.81R	468	20+16.98	189.66L
460	20+16.98	86.60L	469	19+28.73	13.14R
461	20+16.98	154.04L	470	19+11.64	16.45L
462	19+22.17	125.44L			

TW M DEMO SCHEDULE			TW M DEMO SCHEDULE			TW M DEMO SCHEDULE			TW M DEMO SCHEDULE		
POINT	STATION	OFFSET	POINT	STATION	OFFSET	POINT	STATION	OFFSET	POINT	STATION	OFFSET
500	6+65.35	221.78R	509	6+38.64	92.02R	518	5+92.35	44.42L	527	6+03.54	120.08L
501	6+73.20	208.09R	510	5+94.72	169.20R	519	6+39.27	56.72L	528	5+78.18	111.00L
502	6+54.85	196.70R	511	5+85.14	218.50R	520	6+79.65	81.94L	529	4+67.55	106.82L
503	6+89.39	132.72R	512	6+09.90	265.53R	521	6+97.36	118.04L	530	3+16.92	116.83L
504	7+25.90	96.55R	513	0+00.00	86.60L	522	7+37.56	86.27L	531	1+60.03	144.30L
505	7+37.56	94.76R	514	0+00.00	123.32L	523	6+59.83	130.39L	532	0+00.00	188.88L
506	7+37.56	45.12R	515	1+58.30	80.15L	524	6+48.93	110.03L	533	6+17.48	279.23R
507	7+14.24	45.74R	516	3+24.68	52.48L	525	6+24.07	97.87L	534	6+00.40	308.83R
508	6+71.85	57.43R	517	4+78.62	44.35L	526	6+11.56	146.28L			

PIPE DEMO SCHEDULE										
PIPE ID	DIA (IN)	LENGTH (FT)	TYPE	BEGIN			END			COMMENTS
				STATION	OFFSET	INVERT	STATION	OFFSET	INVERT	
P-5	6	136	PERF CMP	134+00.00	68.00L	96.96	134+00.00	68.00R	95.60	ABANDON & GROUT
P-6	6	312	NON-PERF CMP	134+00.00	68.00R	95.60	134+00.00	380.00R	92.48	REMOVE & REPLACE
P-7	6	305	PERF CMP	137+50.00	75.00R	FIELD VERIFY	137+50.00	380.00R	92.85	ABANDON & GROUT
P-8	6	136	PERF CMP	141+00.00	68.00L	95.38	141+00.00	68.00R	94.02	ABANDON & GROUT
P-9	6	312	NON-PERF CMP	141+00.00	68.00R	94.02	141+00.00	380.00R	90.90	REMOVE & REPLACE

NOTE: INVERTS ARE APPROXIMATE BASED ON AS-BUILTS, CONTRACTOR TO FIELD VERIFY.

RW DEMO SCHEDULE			RW DEMO SCHEDULE		
POINT	STATION	OFFSET	POINT	STATION	OFFSET
40	135+14.41	75.00L	53	144+16.05	140.05L
41	135+48.13	133.40L	54	143+83.42	75.00R
42	136+98.89	106.25L	55	144+01.78	106.80R
43	138+98.98	85.69L	56	145+81.40	75.00R
44	141+04.89	75.00L	57	144+34.56	163.57R
45	135+65.94	164.25L	58	145+78.54	142.88R
46	137+11.59	142.01L	59	145+79.62	155.08R
47	137+13.24	166.14L	60	146+02.93	154.27R
48	137+35.83	165.42L	61	146+03.01	141.62R
49	137+34.98	140.55L	62	141+35.15	66.92L
50	143+91.19	140.64L	63	141+35.15	32.75L
51	143+91.90	153.95L	64	145+95.12	32.75R
52	144+14.91	154.73L	65	145+95.12	66.92R

MATCHLINE STA 128+50

MATCHLINE STA 147+00

SAWCUT

S-6 RECONSTRUCT MH (SEE DRAINAGE PLANS)

S-7 RECONSTRUCT MH (SEE DRAINAGE PLANS)

S-9 RECONSTRUCT MH (SEE DRAINAGE PLANS)

S-8A ADJUST SANITARY SEWER MH (SEE RW SITE PLAN)

S-8B ADJUST SANITARY SEWER MH (SEE RW SITE PLAN)

S-10 RECONSTRUCT MH (SEE DRAINAGE PLANS)

RW STRUCTURAL EDGE (TYP)

RW SHOULDER EDGE (TYP)

PROTECT IN PLACE

CAUTION! FUEL LINE CROSSING

RW 15/33

STA 129+10.00

INTERSECTION RW STA 134+71.11 TW W STA 20+16.98

INTERSECTION RW STA 143+40.12 TW M STA 0+00.00

DEMO SURFACE SENSOR (SEE ELECTRICAL PLANS)

REPLACE HH (SEE ELECTRICAL PLANS)

ADJUST MH (SEE ELECTRICAL PLANS)

PHASE 1 PHASE 3

TW W

TW M

TW R

R=40.0'

P-5 P-6 P-7 P-8 P-9

136' PERF (TYP)

34' NON-PERF (TYP)

ABN-SD

ABN-UCOM

UCOM

SS

RSA

SD

F

E

LEGEND

- VARIABLE DEPTH PAVEMENT MILLING AREA
- MILL FULL DEPTH SHOULDER PAVEMENT AREA (PAVEMENT THICKNESS VARIES 2"-8", SEE NOTE 9) (REMOVE SUBGRADE AS NECESSARY FOR NEW SECTION)
- MILL FULL DEPTH STRUCTURAL PAVEMENT AREA (PAVEMENT THICKNESS VARIES 5"-8", SEE NOTE 9) (REMOVE SUBGRADE AS NECESSARY FOR NEW SECTION)
- REPLACE STORM DRAIN
- ABN-SD — ABANDON & GROUT STORM DRAIN

60' 30' 0 60' 120'

HORIZONTAL SCALE

STATE OF ALASKA 49TH Jenelle R Brinkman CE - 13209 REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-XXX-20XX
DEMOLITION PLAN
STA 128+50 TO 147+00

DATE: 2/13/2018

SHEET: 11 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB

Date Revised:
Layout Name: 128+50 TO 147+00
File Path and Name: W:\Projects\AIA_Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - DEMO.dwg

2/13/2018, 7:30 PM

PRELIMINARY

PRELIMINARY

Designed By:	TC/MR/AD
Drawn By:	RKB
Checked By:	JRB

Date Revised:	2/13/2018, 6:05 PM
Layout Name:	147+00 TO 161+50
File Path and Name:	W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - DEMO.dwg

MATCHLINE STA 147+00

MATCHLINE STA 161+50

TW Y

TW R

RW 15/33

RW SHOULDER EDGE (TYP)

RW STRUCTURAL EDGE (TYP)

RSA

ABN-UCOM

F

SD

FO

W

UE

S-11 RECONSTRUCT MH (SEE DRAINAGE PLANS)

S-12 RECONSTRUCT MH (SEE DRAINAGE PLANS)

S-13 RECONSTRUCT MH (SEE DRAINAGE PLANS)

S-14 RECONSTRUCT MH (SEE DRAINAGE PLANS)

S-15 RECONSTRUCT MH (SEE DRAINAGE PLANS)

ADJUST MH (SEE ELECTRICAL PLANS)

PROTECT IN PLACE (SEE RW GRADING PLANS)

PROTECT IN PLACE

AWWU CONTRACTOR WORK AREA (SEE NOTE 1)

P-10

P-11

P-12

P-13

136' PERF (TYP)

34' NON-PERF (TYP)

70 71 72 73 74 75 76 77 78 79 80 81

148+00 149+00 150+00 151+00 152+00 153+00 154+00 155+00 156+00 158+00 159+00 160+00 161+00

RW DEMO SCHEDULE

POINT	STATION	OFFSET
70	147+12.50	140.07L
71	147+11.44	164.74L
72	147+34.26	165.57L
73	147+35.33	140.13L
74	157+12.85	139.47L
75	157+12.39	165.23L
76	157+35.63	166.17L
77	157+36.18	139.38L
78	149+57.61	290.00R
79	149+56.66	390.00R
80	150+56.66	390.00R
81	150+57.61	290.00R

PIPE DEMO SCHEDULE

PIPE ID	DIA (IN)	LENGTH (FT)	TYPE	BEGIN			END			COMMENTS
				STATION	OFFSET	INVERT	STATION	OFFSET	INVERT	
P-10	6	136	PERF & NON-PERF CMP	149+00.00	68.00L	97.60	149+00.00	102.00R	96.32	ABANDON & GROUT
P-11	6	312	NON-PERF CMP	149+00.00	102.00R	96.32	149+00.00	380.00R	94.24	REMOVE & REPLACE
P-12	6	136	PERF & NON-PERF CMP	157+00.00	68.00L	100.40	157+00.00	102.00R	99.18	ABANDON & GROUT
P-13	6	312	NON-PERF CMP	157+00.00	102.00R	99.18	157+00.00	380.00R	97.04	REMOVE & REPLACE

NOTE: INVERTS ARE APPROXIMATE BASED ON AS-BUILTS, CONTRACTOR TO FIELD VERIFY.

NOTES:

1. CONTRACTOR SHALL PROVIDE ACCESS TO THE AWWU CONTRACTOR WORK AREA THROUGH THE RW PROJECT AREA

LEGEND

- VARIABLE DEPTH PAVEMENT MILLING AREA
- MILL FULL DEPTH SHOULDER PAVEMENT AREA (PAVEMENT THICKNESS VARIES 2"-8", SEE NOTE 9) (REMOVE SUBGRADE AS NECESSARY FOR NEW SECTION)
- MILL FULL DEPTH STRUCTURAL PAVEMENT AREA (PAVEMENT THICKNESS VARIES 5"-8", SEE NOTE 9) (REMOVE SUBGRADE AS NECESSARY FOR NEW SECTION)
- // SD — REPLACE STORM DRAIN
- — ABN-SD — ABANDON & GROUT STORM DRAIN

60' 30' 0 60' 120'
HORIZONTAL SCALE

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
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PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
DEMOLITION PLAN
STA 147+00 TO 161+50

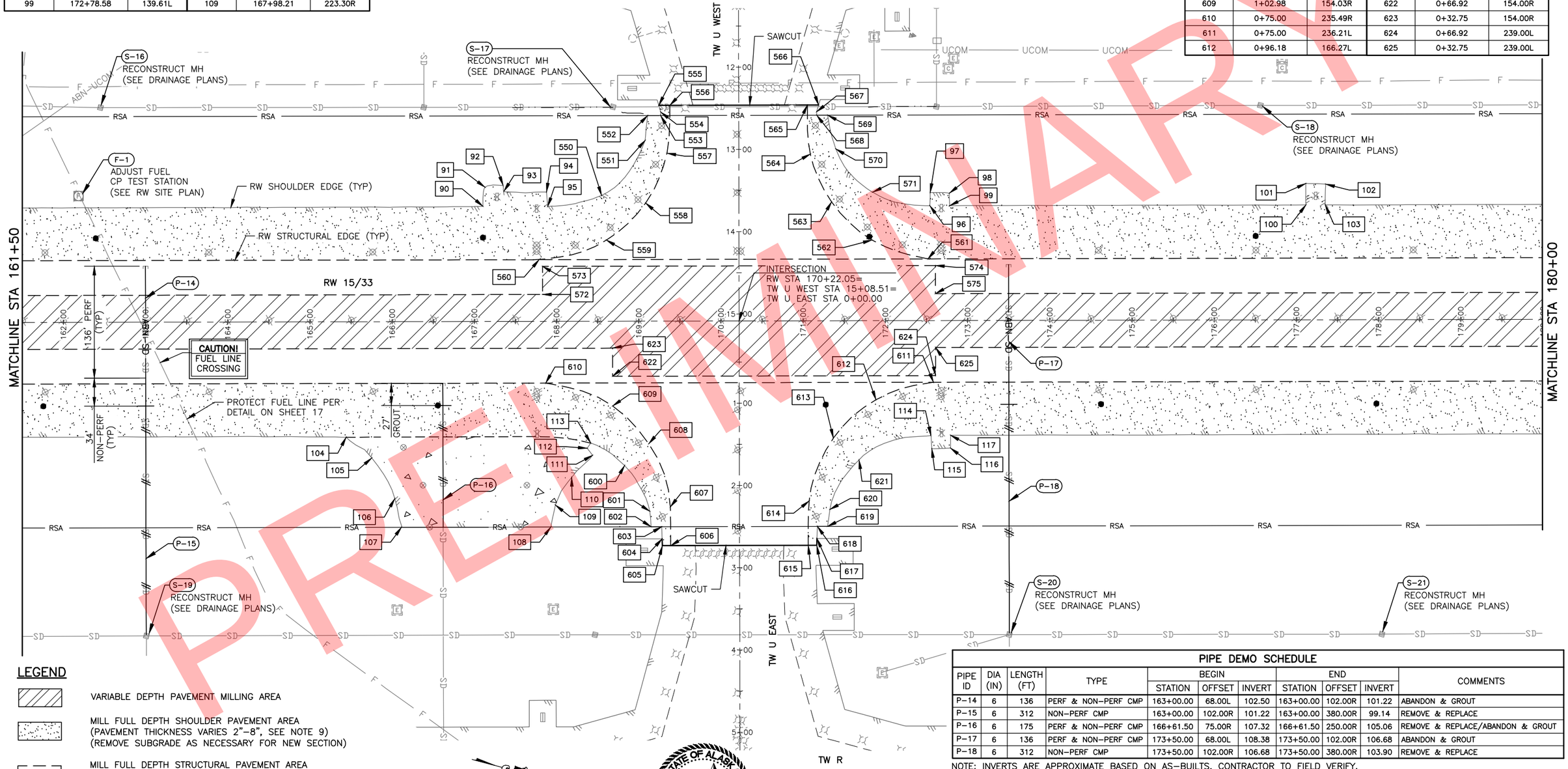
DATE: 2/13/2018

SHEET: 12 OF 123

RW DEMO SCHEDULE			RW DEMO SCHEDULE			RW DEMO SCHEDULE		
POINT	STATION	OFFSET	POINT	STATION	OFFSET	POINT	STATION	OFFSET
90	167+10.77	139.99L	100	177+11.90	139.85L	110	168+18.00	189.76R
91	167+13.24	163.11L	101	177+11.89	165.71L	111	168+43.51	163.01R
92	167+35.28	165.39L	102	177+35.98	164.95L	112	168+36.85	154.42R
93	167+36.35	158.26L	103	177+35.34	139.74L	113	168+41.24	147.89R
94	167+88.05	157.22L	104	165+43.66	140.36R	114	172+55.29	139.87R
95	167+89.53	139.60L	105	165+74.92	165.67R	115	172+56.23	155.75R
96	172+54.39	139.75L	106	166+02.67	215.15R	116	172+78.94	155.03R
97	172+54.88	155.76L	107	166+10.77	250.00R	117	172+78.92	139.38R
98	172+78.20	154.83L	108	167+92.47	250.00R			
99	172+78.58	139.61L	109	167+98.21	223.30R			

TW U WEST DEMO SCHEDULE			TW U WEST DEMO SCHEDULE			TW U WEST DEMO SCHEDULE		
POINT	STATION	OFFSET	POINT	STATION	OFFSET	POINT	STATION	OFFSET
550	13+55.50	166.92R	559	14+09.81	161.32R	568	12+58.51	94.96L
551	12+88.67	113.87R	560	14+33.51	243.12R	569	12+58.51	108.36L
552	12+58.51	110.79R	561	14+33.51	229.77L	570	12+99.68	118.05L
553	12+58.51	94.95R	562	14+10.51	161.91L	571	13+52.37	162.84L
554	12+54.38	94.81R	563	13+63.98	112.75L	572	14+75.76	239.00R
555	12+46.18	97.20R	564	13+05.80	87.05L	573	14+41.59	239.00R
556	12+46.18	83.71R	565	12+46.18	83.60L	574	14+41.59	239.00L
557	13+04.38	87.34R	566	12+46.18	97.20L	575	14+75.76	239.00L
558	13+64.87	113.42R	567	12+54.37	94.81L			

TW U EAST DEMO SCHEDULE			TW U EAST DEMO SCHEDULE		
POINT	STATION	OFFSET	POINT	STATION	OFFSET
600	1+75.38	139.64R	613	1+42.50	114.48L
601	2+31.14	109.22R	614	2+18.95	84.76L
602	2+50.00	107.53R	615	2+73.00	83.53L
603	2+50.00	94.67R	616	2+73.00	93.86L
604	2+64.66	94.15R	617	2+64.67	94.12L
605	2+73.00	93.86R	618	171+16.72	250.00R
606	169+38.34	273.00R	619	2+50.00	107.11L
607	2+25.90	84.10R	620	2+29.30	109.98L
608	1+49.06	110.25R	621	1+69.27	145.58L
609	1+02.98	154.03R	622	0+66.92	154.00R
610	0+75.00	235.49R	623	0+32.75	154.00R
611	0+75.00	236.21L	624	0+66.92	239.00L
612	0+96.18	166.27L	625	0+32.75	239.00L



PREVIEW

LEGEND

- VARIABLE DEPTH PAVEMENT MILLING AREA
- MILL FULL DEPTH SHOULDER PAVEMENT AREA (PAVEMENT THICKNESS VARIES 2"–8", SEE NOTE 9) (REMOVE SUBGRADE AS NECESSARY FOR NEW SECTION)
- MILL FULL DEPTH STRUCTURAL PAVEMENT AREA (PAVEMENT THICKNESS VARIES 5"–8", SEE NOTE 9) (REMOVE SUBGRADE AS NECESSARY FOR NEW SECTION)
- #SD — REPLACE STORM DRAIN
- ABN–SD — ABANDON & GROUT STORM DRAIN

60' 30' 0 60' 120'
HORIZONTAL SCALE

PIPE DEMO SCHEDULE									
PIPE ID	DIA (IN)	LENGTH (FT)	TYPE	BEGIN			END			COMMENTS
				STATION	OFFSET	INVERT	STATION	OFFSET	INVERT	
P–14	6	136	PERF & NON–PERF CMP	163+00.00	68.00L	102.50	163+00.00	102.00R	101.22	ABANDON & GROUT
P–15	6	312	NON–PERF CMP	163+00.00	102.00R	101.22	163+00.00	380.00R	99.14	REMOVE & REPLACE
P–16	6	175	PERF & NON–PERF CMP	166+61.50	75.00R	107.32	166+61.50	250.00R	105.06	REMOVE & REPLACE/ABANDON & GROUT
P–17	6	136	PERF & NON–PERF CMP	173+50.00	68.00L	108.38	173+50.00	102.00R	106.68	ABANDON & GROUT
P–18	6	312	NON–PERF CMP	173+50.00	102.00R	106.68	173+50.00	380.00R	103.90	REMOVE & REPLACE

NOTE: INVERTS ARE APPROXIMATE BASED ON AS–BUILTS, CONTRACTOR TO FIELD VERIFY.

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
DEMOLITION PLAN
STA 161+50 TO 180+00

DATE: 2/13/2018
SHEET: 13 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 6:06 PM
Layout Name: 161+50 TO 180+00
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - DEMO.dwg

RW DEMO SCHEDULE		
POINT	STATION	OFFSET
125	184+03.13	139.86L
126	184+04.71	156.34L
127	184+29.03	155.82L
128	184+29.54	139.97L
129	188+96.45	139.52L
130	188+97.19	155.45L
131	189+19.91	154.74L
132	189+20.41	139.44L
133	197+12.72	139.61L
134	197+11.87	164.85L

RW DEMO SCHEDULE		
POINT	STATION	OFFSET
135	197+35.55	165.26L
136	197+36.33	139.45L
137	184+04.69	139.80R
138	184+04.71	155.02R
139	184+28.71	154.95R
140	184+28.71	139.48R
141	188+96.60	140.40R
142	188+97.13	155.39R
143	189+19.84	154.69R
144	189+20.71	140.64R

RW DEMO SCHEDULE		
POINT	STATION	OFFSET
145	191+21.36	141.47R
146	191+69.33	165.99R
147	191+97.49	214.67R
148	192+05.59	250.00R
149	193+95.62	250.00R
150	194+03.74	210.44R
151	194+36.40	167.80R
152	194+84.17	139.71R

PIPE DEMO SCHEDULE										
PIPE ID	DIA (IN)	LENGTH (FT)	TYPE	BEGIN			END			COMMENTS
				STATION	OFFSET	INVERT	STATION	OFFSET	INVERT	
P-19	6	136	PERF & NON-PERF CMP	183+00.00	68.00L	113.02	183+00.00	102.00R	111.32	ABANDON & GROUT
P-20	6	312	NON-PERF CMP	183+00.00	102.00R	111.32	183+00.00	380.00R	108.54	REMOVE & REPLACE
P-21	6	136	PERF & NON-PERF CMP	189+00.00	68.00L	116.50	189+00.00	102.00R	115.22	ABANDON & GROUT
P-22	6	312	NON-PERF CMP	189+00.00	102.00R	115.22	189+00.00	380.00R	113.14	REMOVE & REPLACE
P-23	6	175	PERF CMP	192+61.50	75.00R	122.31	192+61.50	250.00R	120.11	ABANDON & GROUT
P-24	6	136	PERF & NON-PERF CMP	195+00.00	68.00L	119.98	195+00.00	102.00R	119.13	ABANDON & GROUT
P-25	6	312	NON-PERF CMP	195+00.00	1012.00R	119.13	195+00.00	380.00R	117.74	REMOVE & REPLACE

NOTE: INVERTS ARE APPROXIMATE BASED ON AS-BUILTS, CONTRACTOR TO FIELD VERIFY.

TW T WEST DEMO SCHEDULE		
POINT	STATION	OFFSET
650	13+63.72	188.68R
651	13+07.67	122.84R
652	12+58.52	109.76R
653	12+58.52	96.09R
654	12+54.26	94.84R
655	12+46.19	97.20R
656	12+46.19	83.66R
657	12+90.22	84.75R
658	13+63.74	112.44R
659	14+19.33	179.15R
660	14+33.52	234.75R
661	14+33.52	230.30L
662	14+21.88	186.23L

TW T WEST DEMO SCHEDULE		
POINT	STATION	OFFSET
663	13+68.53	116.57L
664	12+96.49	85.81L
665	12+46.19	83.76L
666	12+46.19	97.20L
667	12+54.26	94.84L
668	12+58.52	96.09L
669	12+58.52	107.37L
670	13+09.74	120.52L
671	13+60.12	185.48L
672	14+75.77	239.00R
673	14+41.60	239.00R
674	14+41.60	239.00L
675	14+75.77	239.00L

TW T EAST DEMO SCHEDULE		
POINT	STATION	OFFSET
700	1+55.99	164.23R
701	2+25.06	111.81R
702	2+50.00	107.32R
703	2+50.00	94.67R
704	185+68.45	264.67R
705	2+73.00	93.86R
706	2+73.00	83.53R
707	185+78.89	250.01R
708	2+20.23	84.55R
709	1+45.20	112.65R
710	0+93.01	171.47R
711	0+75.00	234.35R
712	0+75.00	235.02L
713	0+92.48	173.34L

TW T EAST DEMO SCHEDULE		
POINT	STATION	OFFSET
714	1+40.01	116.24L
715	2+16.96	85.29L
716	187+46.45	250.09R
717	2+73.00	83.81L
718	2+73.00	93.86L
719	2+64.67	94.15L
720	2+50.00	94.67L
721	2+50.00	108.88L
722	2+25.31	111.11L
723	1+53.10	165.88L
724	0+32.75	239.00R
725	0+66.92	239.00R
726	0+66.92	239.00L
727	0+32.75	239.00L

MATCHLINE STA 180+00

MATCHLINE STA 198+50

TW T WEST

TW T EAST

TW R

RW 15/33

RW SHOULDER EDGE (TYP)

RW STRUCTURAL EDGE (TYP)

SAWCUT

INTERSECTION
RW STA 186+62.60=
TW T WEST STA 15+08.52
TW T EAST STA 0+00.00

STA 183+87.60

STA 189+37.60

S-22 RECONSTRUCT MH (SEE DRAINAGE PLANS)

S-23 RECONSTRUCT MH (SEE DRAINAGE PLANS)

S-24 RECONSTRUCT MH (SEE DRAINAGE PLANS)

S-25 RECONSTRUCT MH (SEE DRAINAGE PLANS)

S-26 RECONSTRUCT MH (SEE DRAINAGE PLANS)

S-27 RECONSTRUCT MH (SEE DRAINAGE PLANS)

PHASE 3 PHASE 4

PHASE 4 PHASE 3

PIPE WILL BE CUT AND CAPPED BY OTHERS (PROJECT NO. CFAPT00070) PRIOR TO THIS PROJECT

182+00 136' PERF (TYP)

34' NON-PERF (TYP)

60' 30' 0 60' 120'
HORIZONTAL SCALE

LEGEND

- VARIABLE DEPTH PAVEMENT MILLING AREA
- MILL FULL DEPTH SHOULDER PAVEMENT AREA (PAVEMENT THICKNESS VARIES 2"-8", SEE NOTE 9) (REMOVE SUBGRADE AS NECESSARY FOR NEW SECTION)
- MILL FULL DEPTH STRUCTURAL PAVEMENT AREA (PAVEMENT THICKNESS VARIES 5"-8", SEE NOTE 9) (REMOVE SUBGRADE AS NECESSARY FOR NEW SECTION)
- REPLACE STORM DRAIN
- ABN-SD — ABANDON & GROUT STORM DRAIN

PRELIMINARY

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 6:06 PM
Layout Name: 180+00 TO 198+50
File Path and Names: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - DEMO.dwg

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
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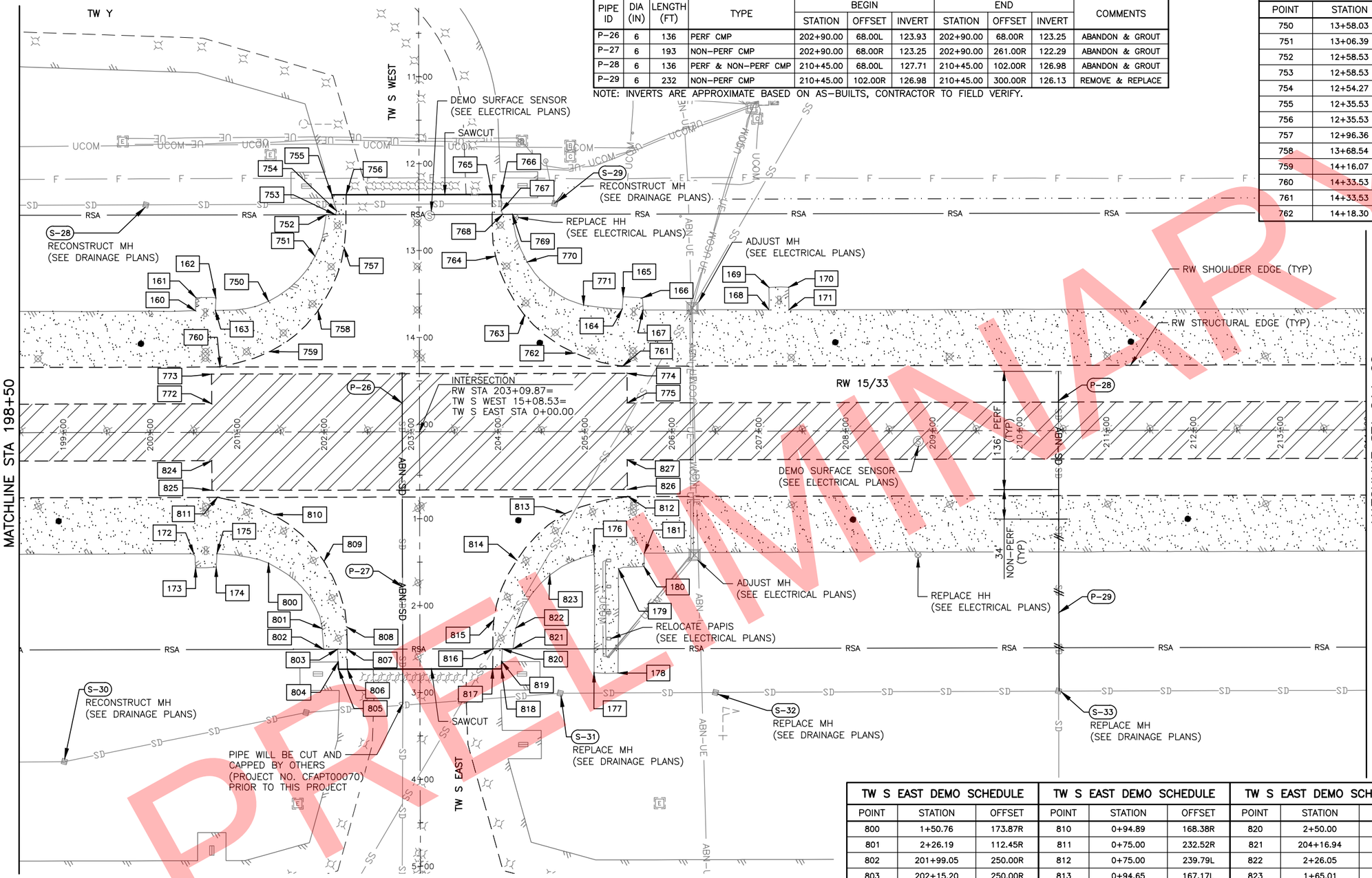
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
DEMOLITION PLAN
STA 180+00 TO 198+50

DATE: 2/13/2018

SHEET: 14 OF 123



PIPE REMOVAL SCHEDULE

PIPE ID	DIA (IN)	LENGTH (FT)	TYPE	BEGIN STATION	BEGIN OFFSET	BEGIN INVERT	END STATION	END OFFSET	END INVERT	COMMENTS
P-26	6	136	PERF CMP	202+90.00	68.00L	123.93	202+90.00	68.00R	123.25	ABANDON & GROUT
P-27	6	193	NON-PERF CMP	202+90.00	68.00R	123.25	202+90.00	261.00R	122.29	ABANDON & GROUT
P-28	6	136	PERF & NON-PERF CMP	210+45.00	68.00L	127.71	210+45.00	102.00R	126.98	ABANDON & GROUT
P-29	6	232	NON-PERF CMP	210+45.00	102.00R	126.98	210+45.00	300.00R	126.13	REMOVE & REPLACE

NOTE: INVERTS ARE APPROXIMATE BASED ON AS-BUILTS, CONTRACTOR TO FIELD VERIFY.

TW S WEST DEMO SCHEDULE

POINT	STATION	OFFSET	POINT	STATION	OFFSET
750	13+58.03	173.37R	763	13+74.60	121.04L
751	13+06.39	119.72R	764	13+06.50	87.80L
752	12+58.53	106.79R	765	12+35.53	84.21L
753	12+58.53	96.09R	766	12+35.53	94.14L
754	12+54.27	94.84R	767	12+54.11	94.80L
755	12+35.53	100.32R	768	12+58.53	96.09L
756	12+35.53	83.81R	769	12+58.53	107.48L
757	12+96.36	86.29R	770	13+13.48	124.14L
758	13+68.54	116.37R	771	13+63.21	189.05L
759	14+16.07	172.51R	772	14+75.78	239.00R
760	14+33.53	229.18R	773	14+41.61	239.00R
761	14+33.53	233.79L	774	14+41.61	239.00L
762	14+18.30	179.05L	775	14+75.78	239.00L

LEGEND

- VARIABLE DEPTH PAVEMENT MILLING AREA
- MILL FULL DEPTH SHOULDER PAVEMENT AREA (PAVEMENT THICKNESS VARIES 2"–8", SEE NOTE 9) (REMOVE SUBGRADE AS NECESSARY FOR NEW SECTION)
- MILL FULL DEPTH STRUCTURAL PAVEMENT AREA (PAVEMENT THICKNESS VARIES 5"–8", SEE NOTE 9) (REMOVE SUBGRADE AS NECESSARY FOR NEW SECTION)
- REPLACE STORM DRAIN
- ABN–SD — ABANDON & GROUT STORM DRAIN

TW S EAST DEMO SCHEDULE

POINT	STATION	OFFSET	POINT	STATION	OFFSET	POINT	STATION	OFFSET
800	1+50.76	173.87R	810	0+94.89	168.38R	820	2+50.00	94.67L
801	2+26.19	112.45R	811	0+75.00	232.52R	821	204+16.94	250.04R
802	201+99.05	250.00R	812	0+75.00	239.79L	822	2+26.05	110.34L
803	202+15.20	250.00R	813	0+94.65	167.17L	823	1+65.01	149.72L
804	2+64.67	94.15R	814	1+47.97	111.75L	824	0+32.75	239.00R
805	2+73.00	93.86R	815	2+16.77	85.06L	825	0+66.92	239.00R
806	2+73.00	83.61R	816	203+93.76	250.04R	826	0+66.92	239.00L
807	202+26.18	250.04R	817	2+73.00	83.71L	827	0+32.75	239.00L
808	2+24.40	84.05R	818	2+73.00	93.86L			
809	1+48.81	110.19R	819	2+64.60	94.15L			

RW DEMO SCHEDULE

POINT	STATION	OFFSET
160	200+52.51	139.78L
161	200+53.00	154.83L
162	200+76.02	154.44L
163	200+75.36	140.06L
164	205+43.32	140.61L
165	205+44.46	154.94L
166	205+66.82	153.71L
167	205+67.32	139.69L
168	207+12.26	139.52L
169	207+12.12	165.25L
170	207+34.94	165.48L
171	207+35.22	139.56L
172	200+49.92	139.97R
173	200+52.01	155.95R
174	200+75.83	155.35R
175	200+76.50	139.63R
176	205+10.23	141.67R
177	205+10.03	277.64R
178	205+37.69	278.05R
179	205+38.56	158.18R
180	205+67.70	155.61R
181	205+68.26	140.15R

MANHOLE DEMO SCHEDULE

MH ID	STATION	OFFSET	RIM ELEV	COMMENTS
S–31	204+71.07	301.10R	130.10	REMOVE & REPLACE
S–32	206+49.83	300.60R	128.75	REMOVE & REPLACE
S–33	210+44.48	299.80R	131.29	REMOVE & REPLACE

60' 30' 0 60' 120'
HORIZONTAL SCALE

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

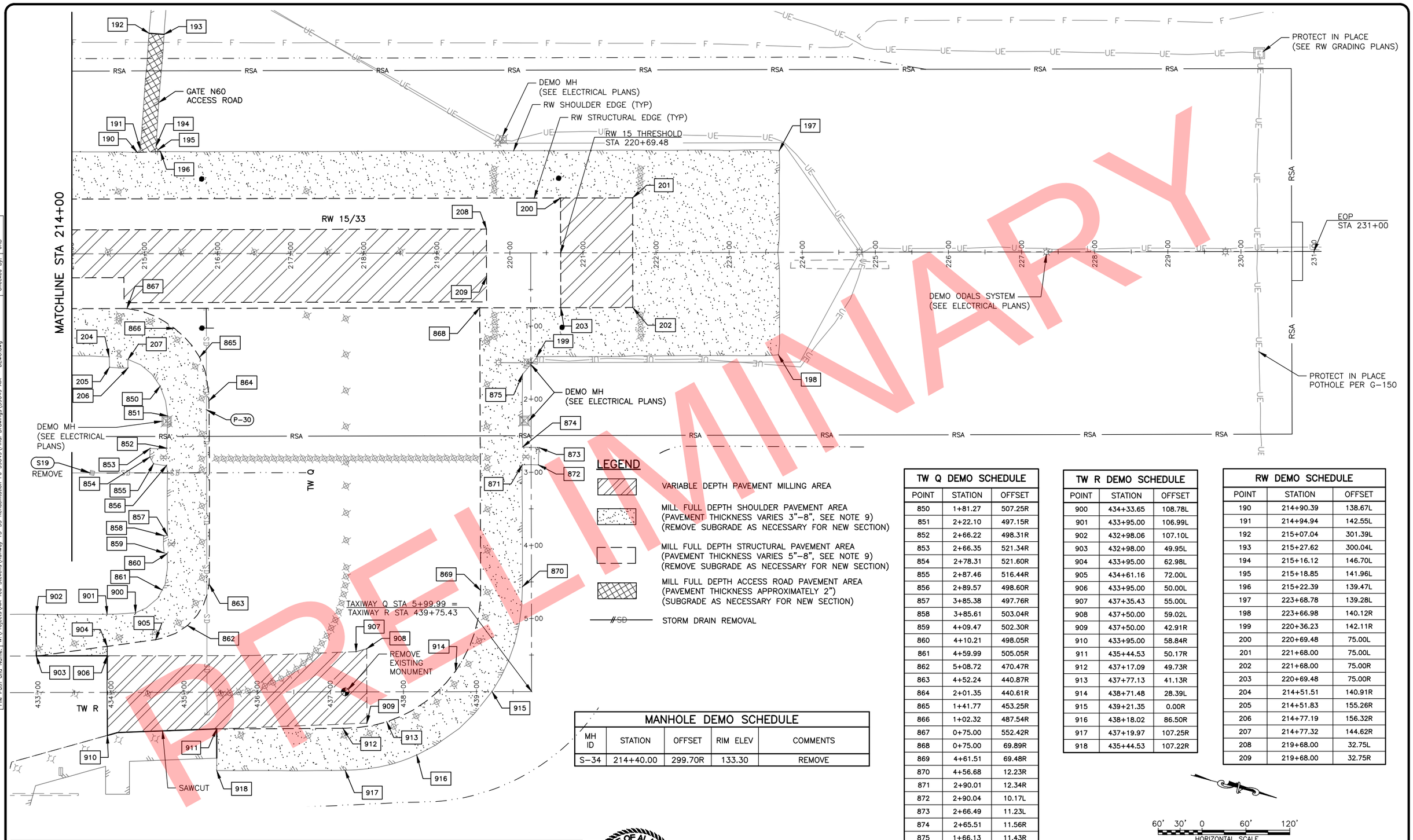
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
DEMOLITION PLAN
STA 198+50 TO 214+00

DATE: 2/13/2018
SHEET: 15 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 6:07 PM
Layout Name: 198+50 TO 214+00
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA – DEMO.dwg

PRELIMINARY



LEGEND

- VARIABLE DEPTH PAVEMENT MILLING AREA
- MILL FULL DEPTH SHOULDER PAVEMENT AREA (PAVEMENT THICKNESS VARIES 3"–8", SEE NOTE 9) (REMOVE SUBGRADE AS NECESSARY FOR NEW SECTION)
- MILL FULL DEPTH STRUCTURAL PAVEMENT AREA (PAVEMENT THICKNESS VARIES 5"–8", SEE NOTE 9) (REMOVE SUBGRADE AS NECESSARY FOR NEW SECTION)
- MILL FULL DEPTH ACCESS ROAD PAVEMENT AREA (PAVEMENT THICKNESS APPROXIMATELY 2") (SUBGRADE AS NECESSARY FOR NEW SECTION)
- SD — STORM DRAIN REMOVAL

TW Q DEMO SCHEDULE

POINT	STATION	OFFSET
850	1+81.27	507.25R
851	2+22.10	497.15R
852	2+66.22	498.31R
853	2+66.35	521.34R
854	2+78.31	521.60R
855	2+87.46	516.44R
856	2+89.57	498.60R
857	3+85.38	497.76R
858	3+85.61	503.04R
859	4+09.47	502.30R
860	4+10.21	498.05R
861	4+59.99	505.05R
862	5+08.72	470.47R
863	4+52.24	440.87R
864	2+01.35	440.61R
865	1+41.77	453.25R
866	1+02.32	487.54R
867	0+75.00	552.42R
868	0+75.00	69.89R
869	4+61.51	69.48R
870	4+56.68	12.23R
871	2+90.01	12.34R
872	2+90.04	10.17L
873	2+66.49	11.23L
874	2+65.51	11.56R
875	1+66.13	11.43R

TW R DEMO SCHEDULE

POINT	STATION	OFFSET
900	434+33.65	108.78L
901	433+95.00	106.99L
902	432+98.06	107.10L
903	432+98.00	49.95L
904	433+95.00	62.98L
905	434+61.16	72.00L
906	433+95.00	50.00L
907	437+35.43	55.00L
908	437+50.00	59.02L
909	437+50.00	42.91R
910	433+95.00	58.84R
911	435+44.53	50.17R
912	437+17.09	49.73R
913	437+77.13	41.13R
914	438+71.48	28.39L
915	439+21.35	0.00R
916	438+18.02	86.50R
917	437+19.97	107.25R
918	435+44.53	107.22R

RW DEMO SCHEDULE

POINT	STATION	OFFSET
190	214+90.39	138.67L
191	214+94.94	142.55L
192	215+07.04	301.39L
193	215+27.62	300.04L
194	215+16.12	146.70L
195	215+18.85	141.96L
196	215+22.39	139.47L
197	223+68.78	139.28L
198	223+66.98	140.12R
199	220+36.23	142.11R
200	220+69.48	75.00L
201	221+68.00	75.00L
202	221+68.00	75.00R
203	220+69.48	75.00R
204	214+51.51	140.91R
205	214+51.83	155.26R
206	214+77.19	156.32R
207	214+77.32	144.62R
208	219+68.00	32.75L
209	219+68.00	32.75R

MANHOLE DEMO SCHEDULE

MH ID	STATION	OFFSET	RIM ELEV	COMMENTS
S-34	214+40.00	299.70R	133.30	REMOVE

PIPE REMOVAL SCHEDULE

PIPE ID	DIA (IN)	LENGTH (FT)	TYPE	BEGIN			END			COMMENTS
				STATION	OFFSET	INVERT	STATION	OFFSET	INVERT	
P-30	6	225	PERF CMP	215+84.50	75.00R	134.25	215+84.50	300.00R	130.90	REMOVE & REPLACE

60' 30' 0 60' 120'
HORIZONTAL SCALE

STATE OF ALASKA
49 TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
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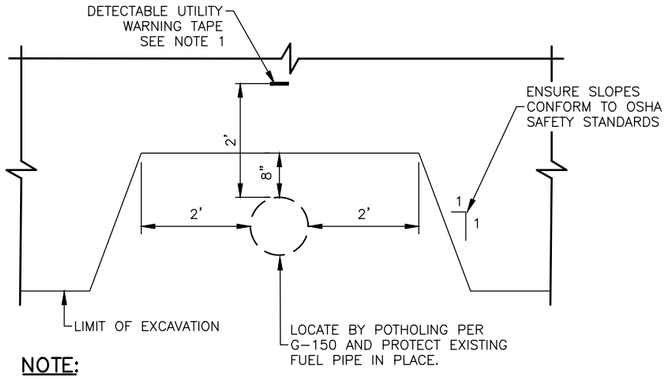
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
DEMOLITION PLAN
STA 214+00 TO 231+00

DATE: 2/13/2018
SHEET: 16 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: 214+00 TO 231+00
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - DEMO.dwg
2/13/2018, 6:07 PM

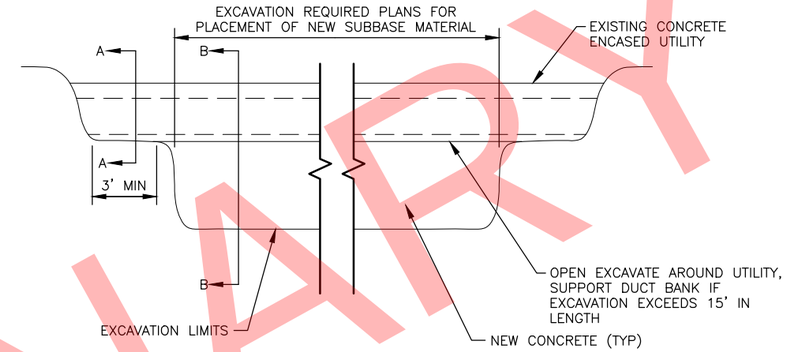
PRELIMINARY



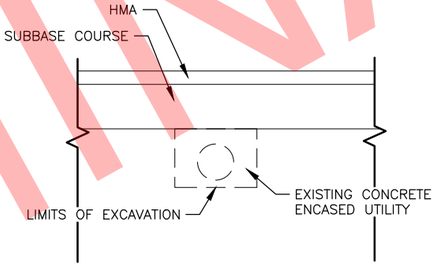
NOTE:

1. INSTALL PLASTIC, DETECTABLE, APWA YELLOW, CONTINUOUS LEGEND, MAGNETIC UTILITY WARNING TAPE. TAPE SHALL BE POLYETHYLENE FILM WITH A METALIZED FOIL CORE AND BE 3–6 INCHES WIDE. DETECTABLE TAPE IS SUBSIDIARY TO EXCAVATING AND BACKFILLING AROUND FUEL LINES.

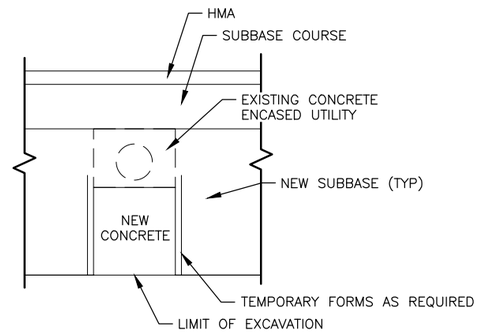
1/17 **FUEL LINE PROTECTION DETAIL**
NTS



ELEVATION



SECTION A–A



SECTION B–B

3/17 **EXISTING CONCRETE ENCASE UTILITY DETAILS**
NTS

NOTE:

1. TRENCH DEPTH SHALL BE APPROXIMATELY 30" DEEP OR AS REQUIRED FOR REMOVAL OF EXISTING LIGHT BASES, CONDUIT, AND CONCRETE.
2. SEE ELECTRICAL DEMOLITION PLANS FOR TW R, TW M, AND TW W TRENCH LIMITS.

2/17 **ELECTRICAL DEMOLITION TRENCH**
NTS
RW STA 109+99.78 TO STA 219+02.43

PRELIMINARY

STATE OF ALASKA 49TH — Jenelle R Brinkman CE - 13209 — REGISTERED PROFESSIONAL ENGINEER

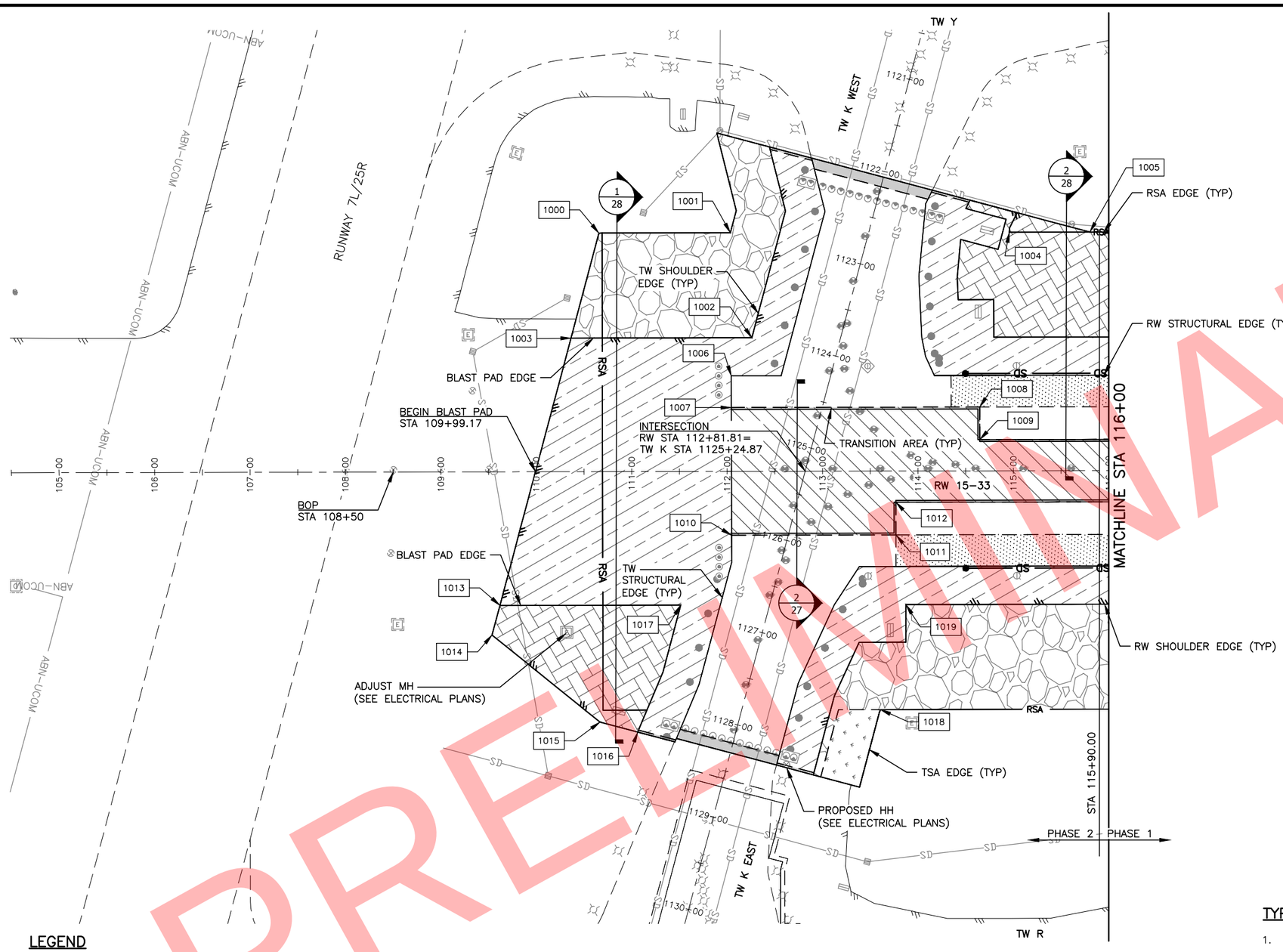
BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
DEMOLITION DETAILS

DATE: 2/13/2018
SHEET: 17 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: DETAILS
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - DEMO.dwg
2/13/2018, 6:07 PM



RW SITE PLAN SCHEDULE		
POINT	STATION	OFFSET
1000	110+66.19	250.00L
1001	112+03.89	250.00L
1002	112+26.17	140.00L
1003	110+36.70	140.00L
1004	114+96.19	250.00L
1005	115+80.66	250.00L
1006	112+04.48	100.00L
1007	112+04.48	66.92L
1008	114+64.81	66.92L
1009	114+64.81	32.75L
1010	112+04.48	66.92R
1011	113+76.81	66.92R
1012	113+76.81	32.75R
1013	109+61.64	140.00R
1014	109+53.32	171.04R
1015	110+66.23	262.47R
1016	111+05.77	273.07R
1017	111+51.10	140.00R
1018	113+60.29	250.00R
1019	113+87.06	140.00R

LEGEND

- 2" HMA INFIELD AREA
- 4" RAP SAFETY AREA
- 4" TOPSOIL/SEEDING AREA
- 4" HMA SHOULDER AREA/ BLAST PAD AREA
- 5" HMA INLAY AREA
- 5" HMA STRUCTURAL WIDENING AREA
- 15" HMA AREA
- 15" HMA STRUCTURAL WIDENING AREA
- TRANSITION AREA

60' 30' 0 60' 120'
HORIZONTAL SCALE

TYPICAL SITE PLAN NOTES:

1. SEE THE TAXIWAY SITE PLANS FOR STATION/OFFSET INFORMATION FOR TAXIWAYS AND TAXIWAY TRANSITIONS.
2. SEE TYPICAL SECTIONS AND TRANSITION DETAILS FOR ADDITIONAL INFORMATION.
3. UNDERGROUND UTILITIES IN THESE DRAWINGS ARE SHOWN IN GENERAL LOCATIONS ONLY. OTHER UTILITIES MAY EXIST THROUGHOUT THE PROJECT AREA. DEPTHS OF MOST ARE UNKNOWN, LOCATE UTILITIES IN THE VICINITY PRIOR TO EXCAVATION AND DEMO.
4. SEE ELECTRICAL PLANS FOR LOCATIONS OF THE PROPOSED ELECTRICAL WORK.
5. SEE DRAINAGE PLANS FOR PROPOSED UNDERDRAINS, STORM DRAINS, AND MANHOLES.

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

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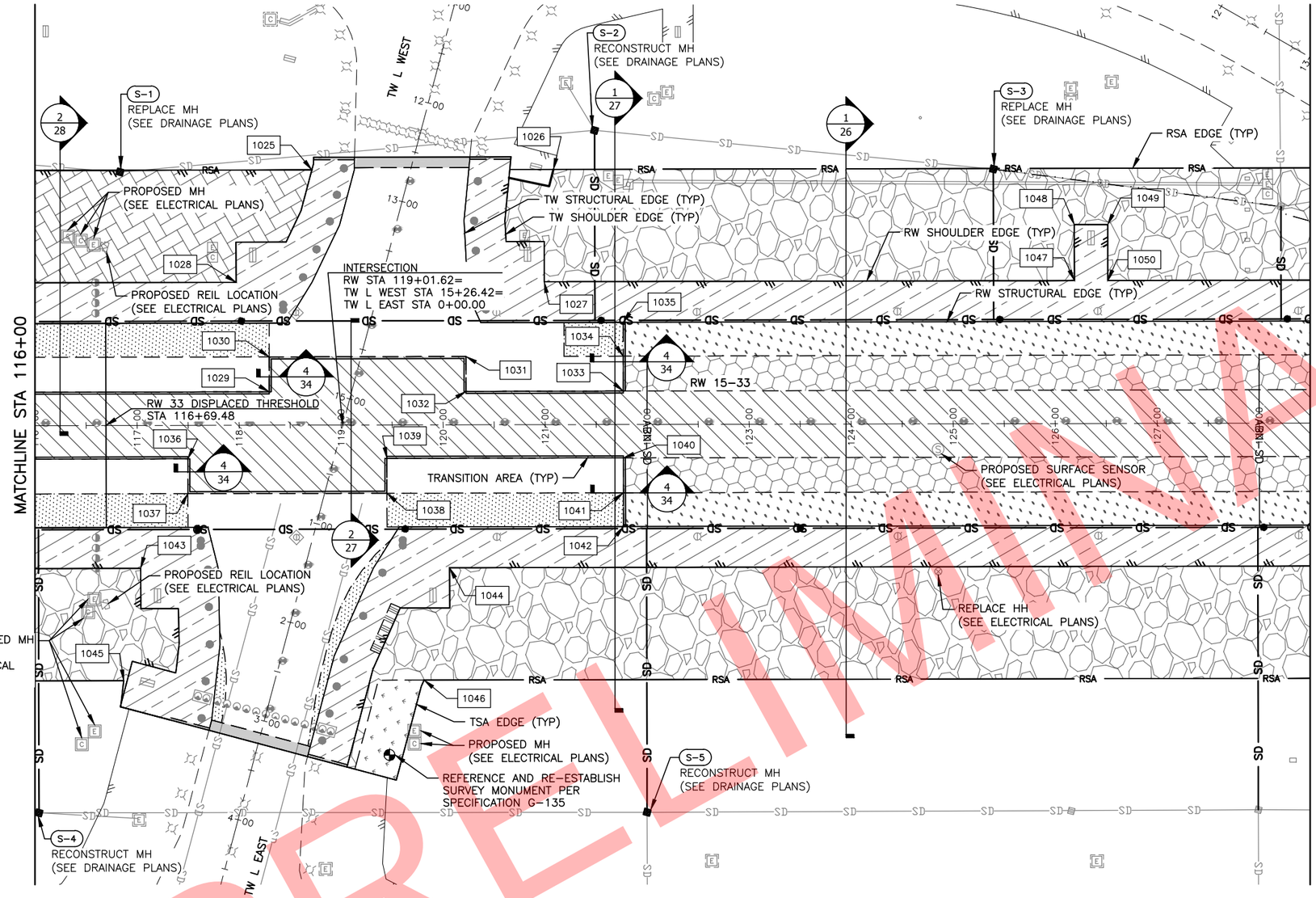
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY SITE PLAN
STA 104+50 TO 116+00

DATE: 2/13/2018
SHEET: 18 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: 104+50 TO 116+00
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - SITE.dwg

PRELIMINARY



LEGEND

- 2" HMA INFIELD AREA
- 4" RAP SAFETY AREA
- 4" TOPSOIL/SEEDING AREA
- 4" HMA SHOULDER AREA
- 4" HMA SHOULDER WIDENING AREA
- 5" HMA INLAY AREA
- 5" HMA AREA
- 5" HMA STRUCTURAL WIDENING AREA
- 15" HMA AREA
- 15" HMA STRUCTURAL WIDENING AREA
- TRANSITION AREA

60' 30' 0 60' 120'
HORIZONTAL SCALE

RW SITE PLAN SCHEDULE		
POINT	STATION	OFFSET
1025	118+71.91	250.00L
1031	120+22.61	66.92L
1032	120+22.61	32.75L
1033	121+76.62	32.75L
1034	121+76.62	66.92L
1035	121+76.62	100.00L
1036	117+49.62	32.75R
1037	117+49.62	66.92R
1038	119+44.80	66.92R
1039	119+44.79	32.75R
1040	121+76.62	32.75R
1041	121+76.62	66.92R
1042	121+76.62	100.00R
1043	117+03.31	140.00R
1044	120+06.05	140.00R
1045	116+86.31	250.00R
1046	119+80.70	250.00R
1047	126+19.15	140.00L
1048	126+19.15	194.80L
1049	126+51.81	194.80L

PRELIMINARY

STATE OF ALASKA 49TH
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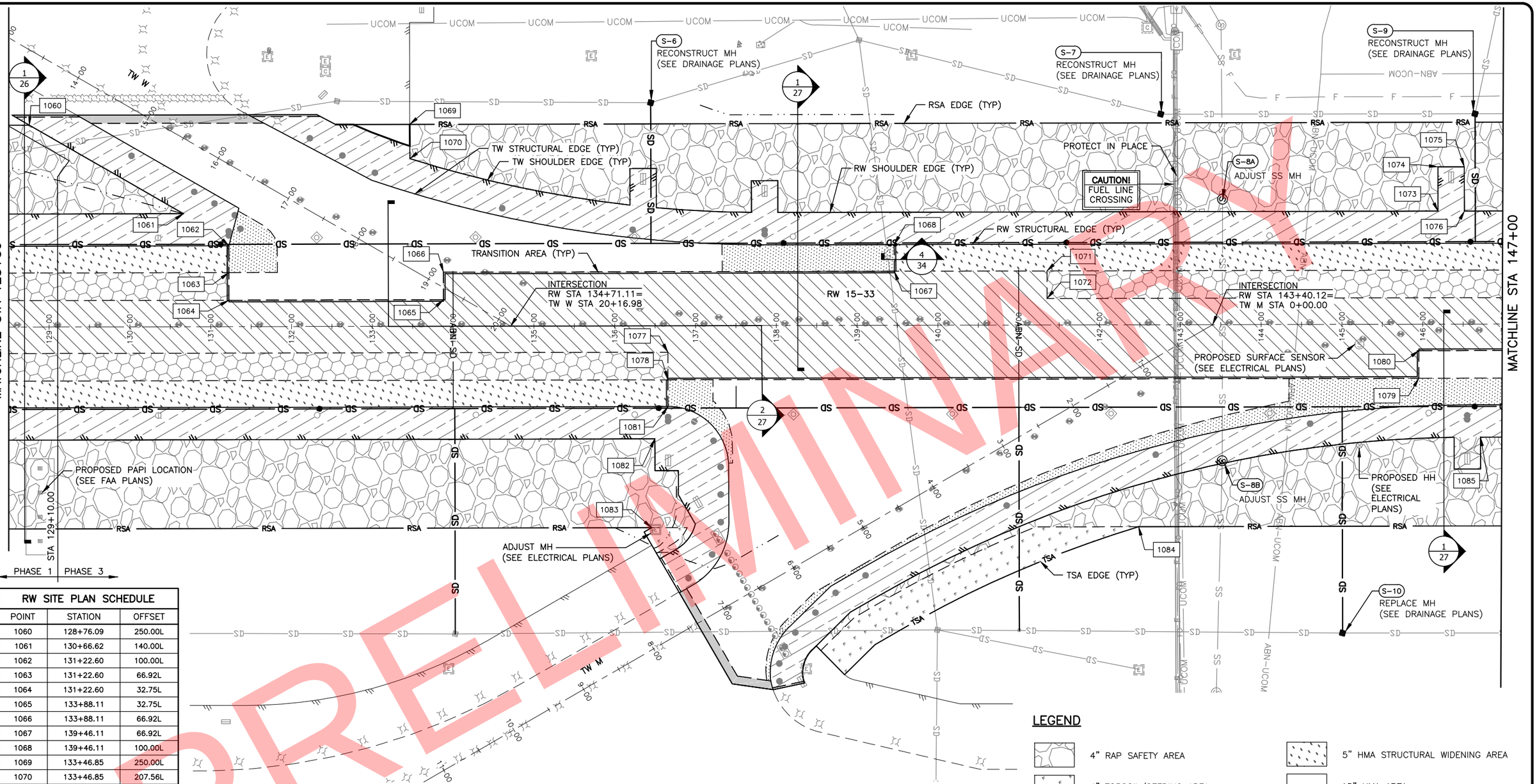
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY SITE PLAN
STA 116+00 TO 128+50

DATE: 2/13/2018
SHEET: 19 OF 123

Date Revised:
Layout Name: 116+00 TO 128+50
File Path and Names: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - SITE.dwg
Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
2/13/2018, 6:10 PM



RW SITE PLAN SCHEDULE		
POINT	STATION	OFFSET
1060	128+76.09	250.00L
1061	130+66.62	140.00L
1062	131+22.60	100.00L
1063	131+22.60	66.92L
1064	131+22.60	32.75L
1065	133+88.11	32.75L
1066	133+88.11	66.92L
1067	139+46.11	66.92L
1068	139+46.11	100.00L
1069	133+46.85	250.00L
1070	133+46.85	207.56L
1071	141+35.15	66.92L
1072	141+35.15	32.75L
1073	146+19.15	140.00L
1074	146+19.15	194.80L
1075	146+51.81	194.80L
1076	146+51.81	140.00L
1077	136+65.75	32.75R
1078	136+65.75	66.92R
1079	145+95.12	66.92R
1080	145+95.12	32.75R
1081	136+65.75	100.00R
1082	136+49.42	140.00R
1083	136+45.12	250.00R
1084	142+47.91	250.00R
1085	146+71.17	140.09R

NOTES:

1. MANHOLES MUST RECEIVE NEW FRAMES AND INLET STYLE GRATES CERTIFIED BY THE MANUFACTURER TO WITHSTAND MINIMUM 100,000 POUND WHEEL LOADS WITH TIRE PRESSURES OF 25 POUNDS PER SQUARE INCH.
2. INSTALL MANHOLES 1/2" BELOW FINISHED GROUND TO AVOID CONFLICTS WITH PLOW BLADES DURING SNOW CLEARING OPERATIONS.

MANHOLE SCHEDULE				
MH ID	STATION	OFFSET	RIM ELEV	COMMENTS
S-8A	143+51.55	168.68R	104.50	SEE NOTE 1 & 2
S-8B	143+52.49	155.13L	105.10	SEE NOTE 1 & 2

LEGEND

- 4" RAP SAFETY AREA
- 4" TOPSOIL/SEEDING AREA
- 4" HMA SHOULDER AREA
- 5" HMA INLAY AREA
- 5" HMA AREA
- 5" HMA STRUCTURAL WIDENING AREA
- 15" HMA AREA
- 15" HMA STRUCTURAL WIDENING AREA
- TRANSITION AREA
- (S) SANITARY SEWER MANHOLE ADJUSTMENT

60' 30' 0 60' 120'
HORIZONTAL SCALE

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
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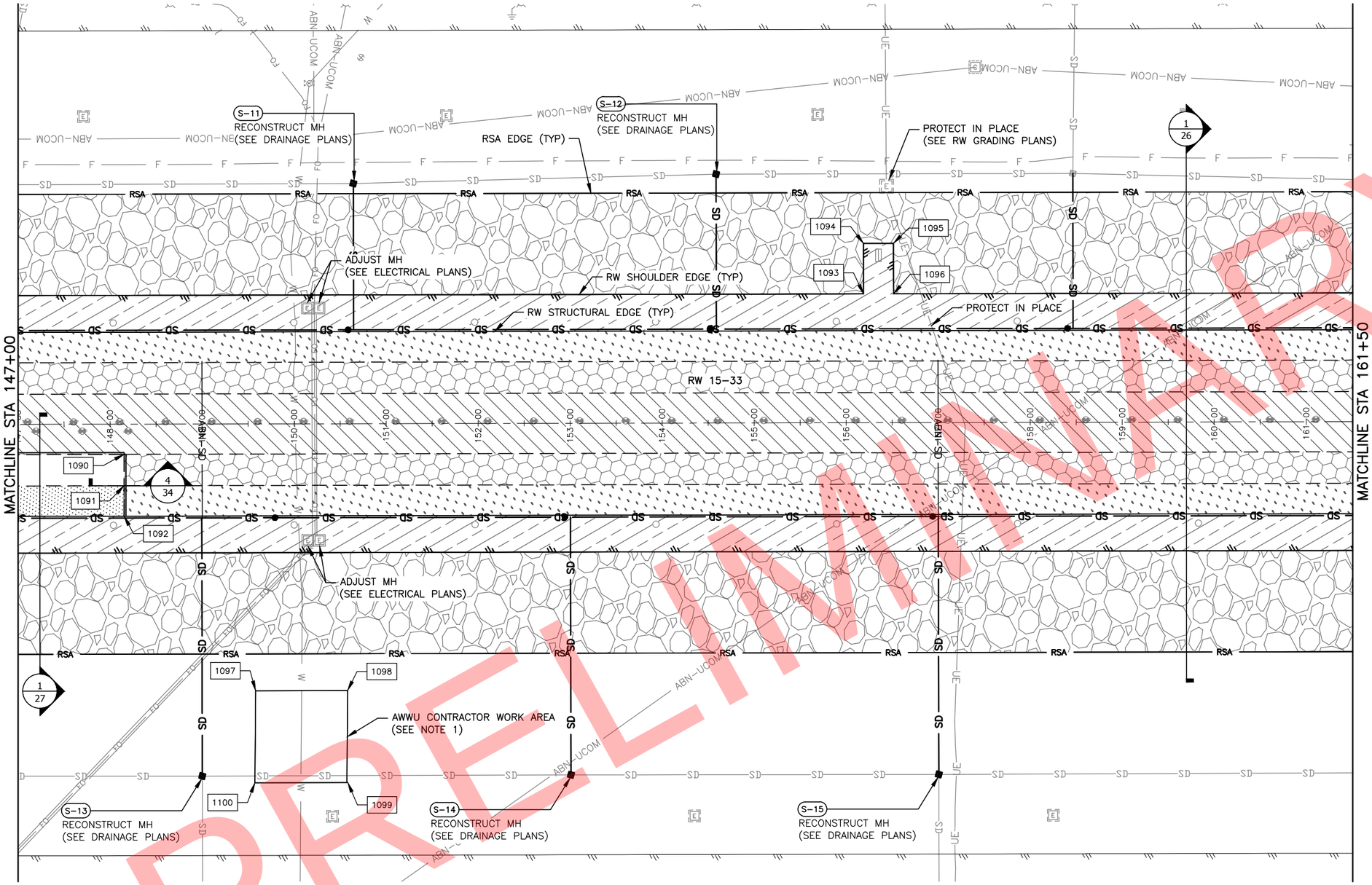
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY SITE PLAN
STA 128+50 TO 147+00

DATE: 2/13/2018
SHEET: 20 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 6:10 PM
Layout Name: 128+50 TO 147+00
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - SITE.dwg

PRELIMINARY



LEGEND

- 4" RAP SAFETY AREA
- 4" TOPSOIL/SEEDING AREA
- 4" HMA SHOULDER AREA
- 5" HMA INLAY AREA
- 5" HMA AREA
- 5" HMA STRUCTURAL WIDENING AREA
- 15" HMA AREA
- 15" HMA STRUCTURAL WIDENING AREA
- TRANSITION AREA

NOTES:

1. CONTRACTOR SHALL PROVIDE ACCESS TO THE AWWU CONTRACTOR WORK AREA THROUGH THE RUNWAY PROJECT AREA

60' 30' 0 60' 120'
HORIZONTAL SCALE

RW SITE PLAN SCHEDULE		
POINT	STATION	OFFSET
1090	148+15.12	32.75R
1091	148+15.12	66.92R
1092	148+15.12	99.97R
1093	156+19.15	140.00L
1094	156+19.15	194.80L
1095	156+51.81	194.80L
1096	156+51.81	140.00L
1097	149+57.61	290.00R
1098	150+57.61	290.00R
1099	150+57.61	390.00R
1100	149+56.66	390.00R

STATE OF ALASKA 49TH
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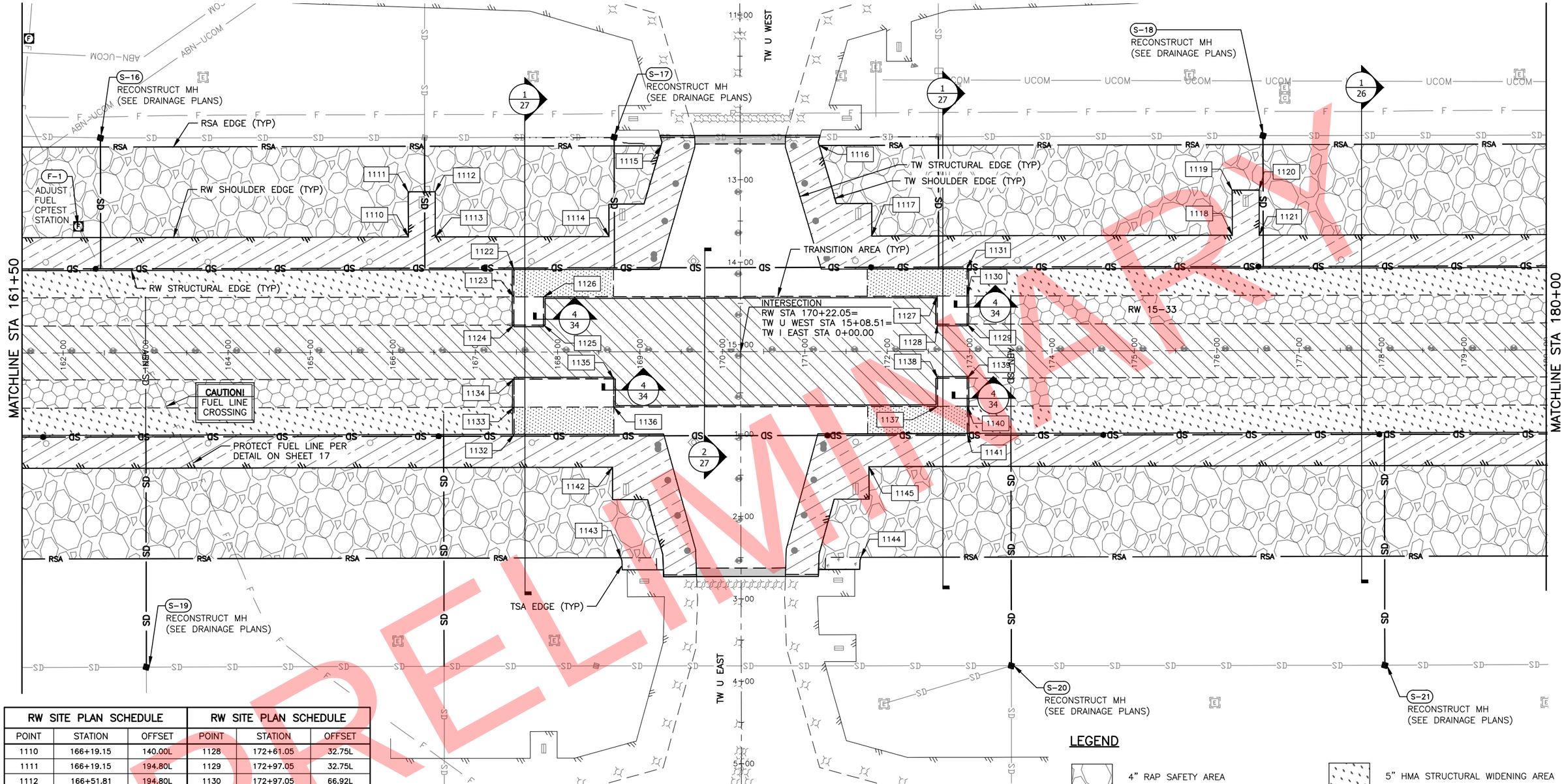
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY SITE PLAN
STA 147+00 TO 161+50

DATE: 2/13/2018
SHEET: 21 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: 147+00 TO 161+50
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - SITE.dwg

PRELIMINARY



RW SITE PLAN SCHEDULE			RW SITE PLAN SCHEDULE		
POINT	STATION	OFFSET	POINT	STATION	OFFSET
1110	166+19.15	140.00L	1128	172+61.05	32.75L
1111	166+19.15	194.80L	1129	172+97.05	32.75L
1112	166+51.81	194.80L	1130	172+97.05	66.92L
1113	166+51.81	140.00L	1131	172+97.05	100.00L
1114	168+62.63	140.00L	1132	167+47.05	100.00R
1115	169+25.96	250.00L	1133	167+47.05	66.92R
1116	171+18.14	250.00L	1134	167+47.05	32.75R
1117	171+81.58	140.00L	1135	168+68.05	32.75R
1118	176+19.15	140.00L	1136	168+68.05	66.92R
1119	176+19.15	194.80L	1137	172+61.05	66.92R
1120	176+51.81	194.80L	1138	172+61.05	32.75R
1121	176+51.81	140.00L	1139	172+97.05	32.75R
1122	167+47.05	100.00L	1140	172+97.05	66.92R
1123	167+47.05	66.92L	1141	172+97.05	100.00R
1124	167+47.05	32.75L	1142	168+66.41	140.00R
1125	167+83.05	32.75L	1143	168+76.45	250.00R
1126	167+83.05	66.92L	1144	171+67.66	250.00R
1127	172+61.05	66.92L	1145	171+77.69	140.00R

CP TEST STATION SCHEDULE				
ID	STATION	OFFSET	RIM ELEV	COMMENTS
F-1	162+18.86	153.54L	111.56	TESORO CP TEST STATION LID ADJUSTMENT (TO BE ADJUSTED BY OTHERS PER GCP 50 AND U-600)

LEGEND

- 4" RAP SAFETY AREA
- 4" TOPSOIL/SEEDING AREA
- 4" HMA SHOULDER AREA
- 5" HMA INLAY AREA
- 5" HMA AREA
- 5" HMA STRUCTURAL WIDENING AREA
- 15" HMA AREA
- 15" HMA STRUCTURAL WIDENING AREA
- TRANSITION AREA

60' 30' 0 60' 120'
HORIZONTAL SCALE

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
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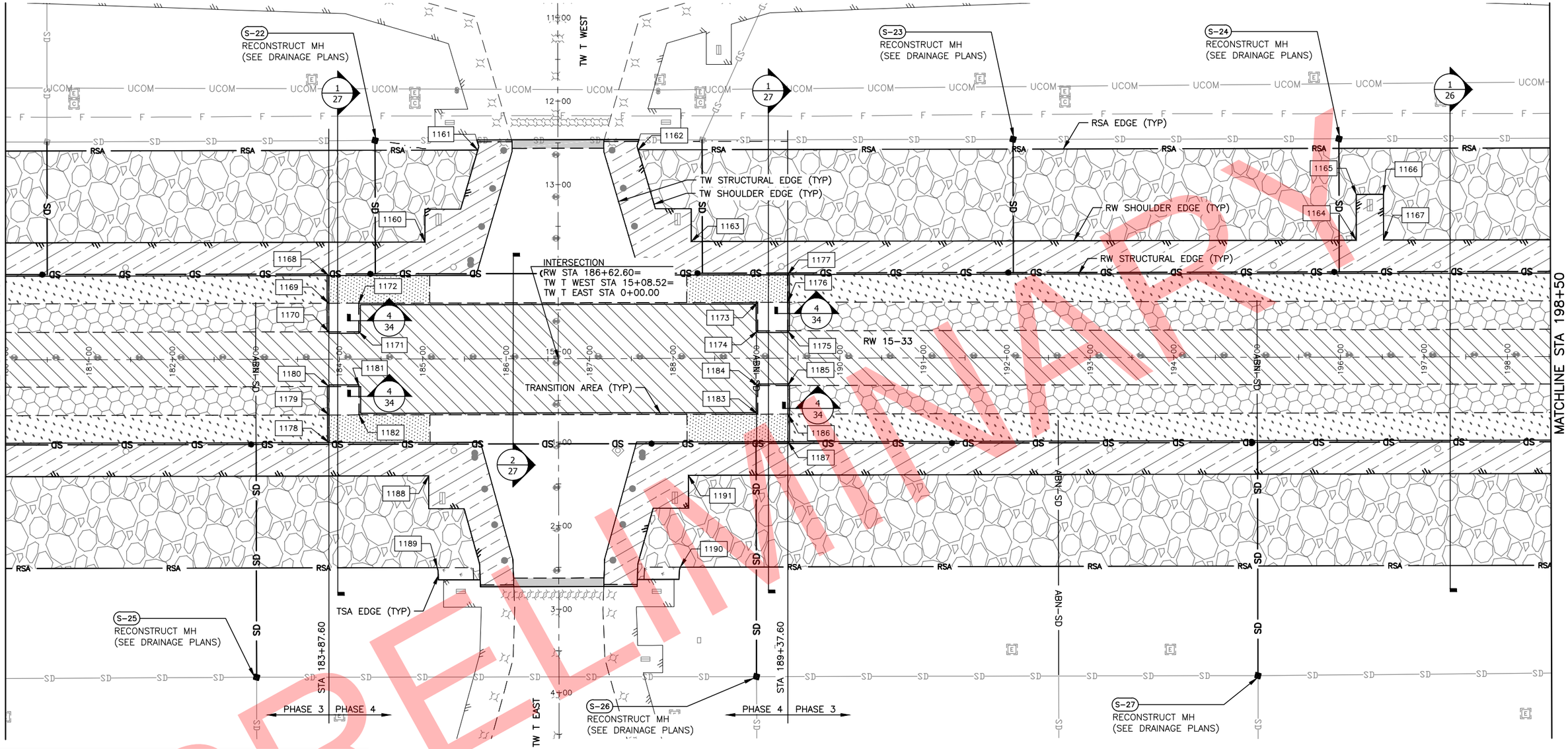
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY SITE PLAN
STA 161+50 TO 180+00

DATE: 2/13/2018
SHEET: 22 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: 161+50 TO 180+00
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - SITE.dwg
2/13/2018, 6:11 PM

PRELIMINARY



RW SITE PLAN SCHEDULE			RW SITE PLAN SCHEDULE		
POINT	STATION	OFFSET	POINT	STATION	OFFSET
1160	185+03.04	140.00L	1176	189+37.60	66.92L
1161	185+66.51	250.00L	1177	189+37.60	100.00L
1162	187+58.68	250.00L	1178	183+87.60	100.00R
1163	188+22.15	140.00L	1179	183+87.60	66.92R
1164	196+19.15	140.00L	1180	183+87.60	32.75R
1165	196+19.15	194.80L	1181	184+23.60	32.75R
1166	196+51.81	194.80L	1182	184+23.60	66.92R
1167	196+51.81	140.00L	1183	189+01.60	66.92R
1168	183+87.60	100.00L	1184	189+01.60	32.75R
1169	183+87.60	66.92L	1185	189+37.60	32.75R
1170	183+87.60	32.75L	1186	189+37.60	66.92R
1171	184+23.60	32.75L	1187	189+37.60	100.00R
1172	184+23.60	66.92L	1188	185+06.96	140.00R
1173	189+01.60	66.92L	1189	185+16.99	250.00R
1174	189+01.60	32.75L	1190	188+08.20	250.00R
1175	189+37.60	32.75L	1191	188+18.24	140.00R

LEGEND

- 4" RAP SAFETY AREA
- 4" TOPSOIL/SEEDING AREA
- 4" HMA SHOULDER AREA
- 5" HMA INLAY AREA
- 5" HMA AREA
- 5" HMA STRUCTURAL WIDENING AREA
- 15" HMA AREA
- 15" HMA STRUCTURAL WIDENING AREA
- TRANSITION AREA

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

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TED STEVENS ANCHORAGE
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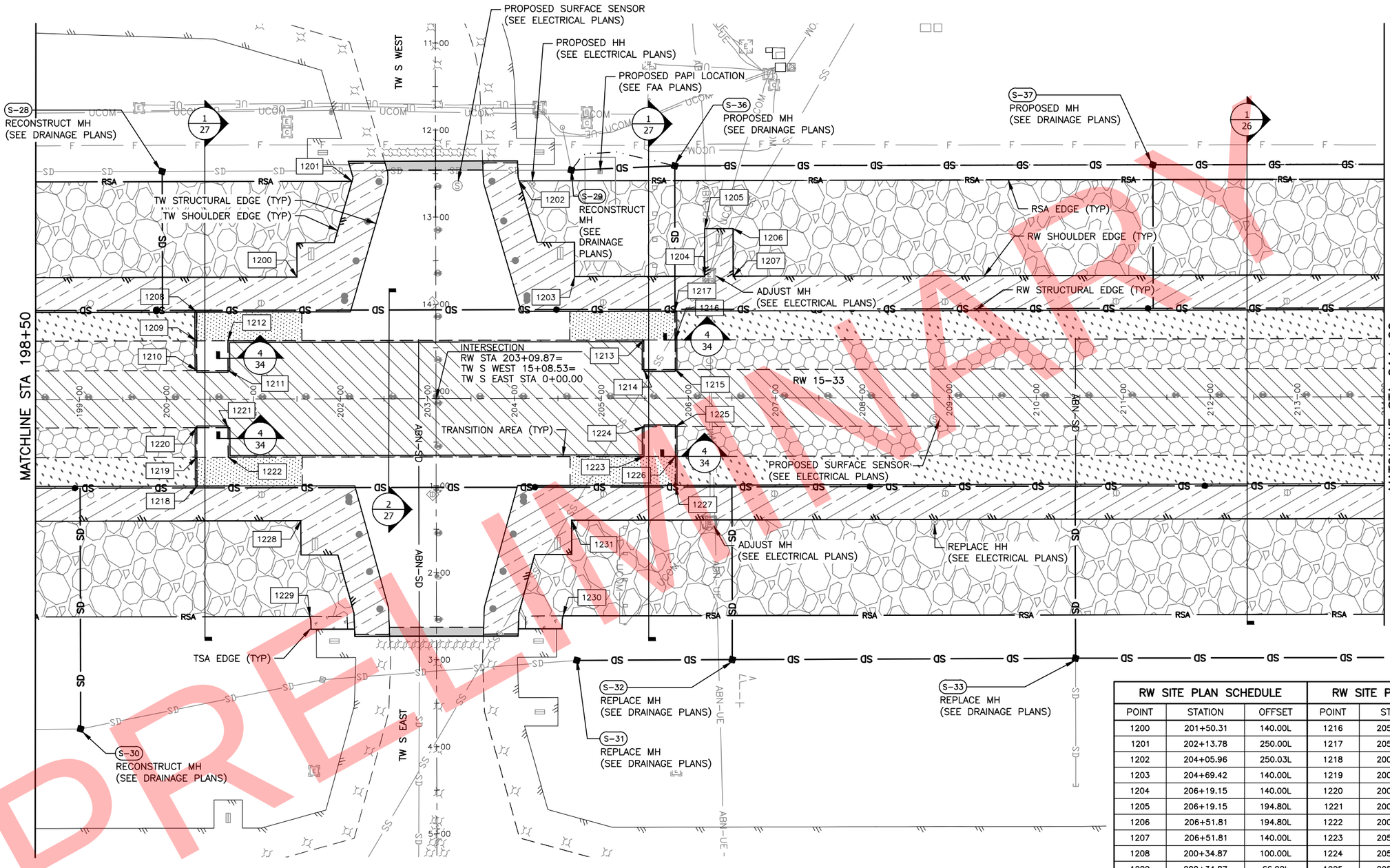
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY SITE PLAN
STA 180+00 TO 198+50

DATE: 2/13/2018
SHEET: 23 OF 123

Date Revised: 2/13/2018, 6:12 PM
Layout Name: 180+00 TO 198+50
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - SITE.dwg

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB

PRELIMINARY



PRELIMINARY

LEGEND

- 4" RAP SAFETY AREA
- 4" TOPSOIL/SEEDING AREA
- 4" HMA SHOULDER AREA
- 5" HMA INLAY AREA
- 5" HMA AREA
- 5" HMA STRUCTURAL WIDENING AREA
- 15" HMA AREA
- 15" HMA STRUCTURAL WIDENING AREA
- TRANSITION AREA

60' 30' 0 60' 120'
HORIZONTAL SCALE

RW SITE PLAN SCHEDULE			RW SITE PLAN SCHEDULE		
POINT	STATION	OFFSET	POINT	STATION	OFFSET
1200	201+50.31	140.00L	1216	205+84.87	66.92L
1201	202+13.78	250.00L	1217	205+84.87	100.00L
1202	204+05.96	250.03L	1218	200+34.87	99.97R
1203	204+69.42	140.00L	1219	200+34.87	66.92R
1204	206+19.15	140.00L	1220	200+34.87	32.75R
1205	206+19.15	194.80L	1221	200+70.87	32.75R
1206	206+51.81	194.80L	1222	200+70.87	66.92R
1207	206+51.81	140.00L	1223	205+48.87	66.92R
1208	200+34.87	100.00L	1224	205+48.87	32.75R
1209	200+34.87	66.92L	1225	205+84.87	32.75R
1210	200+34.87	32.75L	1226	205+84.87	66.92R
1211	200+70.87	32.75L	1227	205+84.87	100.00R
1212	200+70.87	66.92L	1228	201+54.23	140.00R
1213	205+48.87	66.92L	1229	201+64.27	250.00R
1214	205+48.87	32.75L	1230	204+55.47	249.89R
1215	205+84.87	32.75L	1231	204+65.51	140.00R

Jenelle R Brinkman
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STATE OF ALASKA 49 TH

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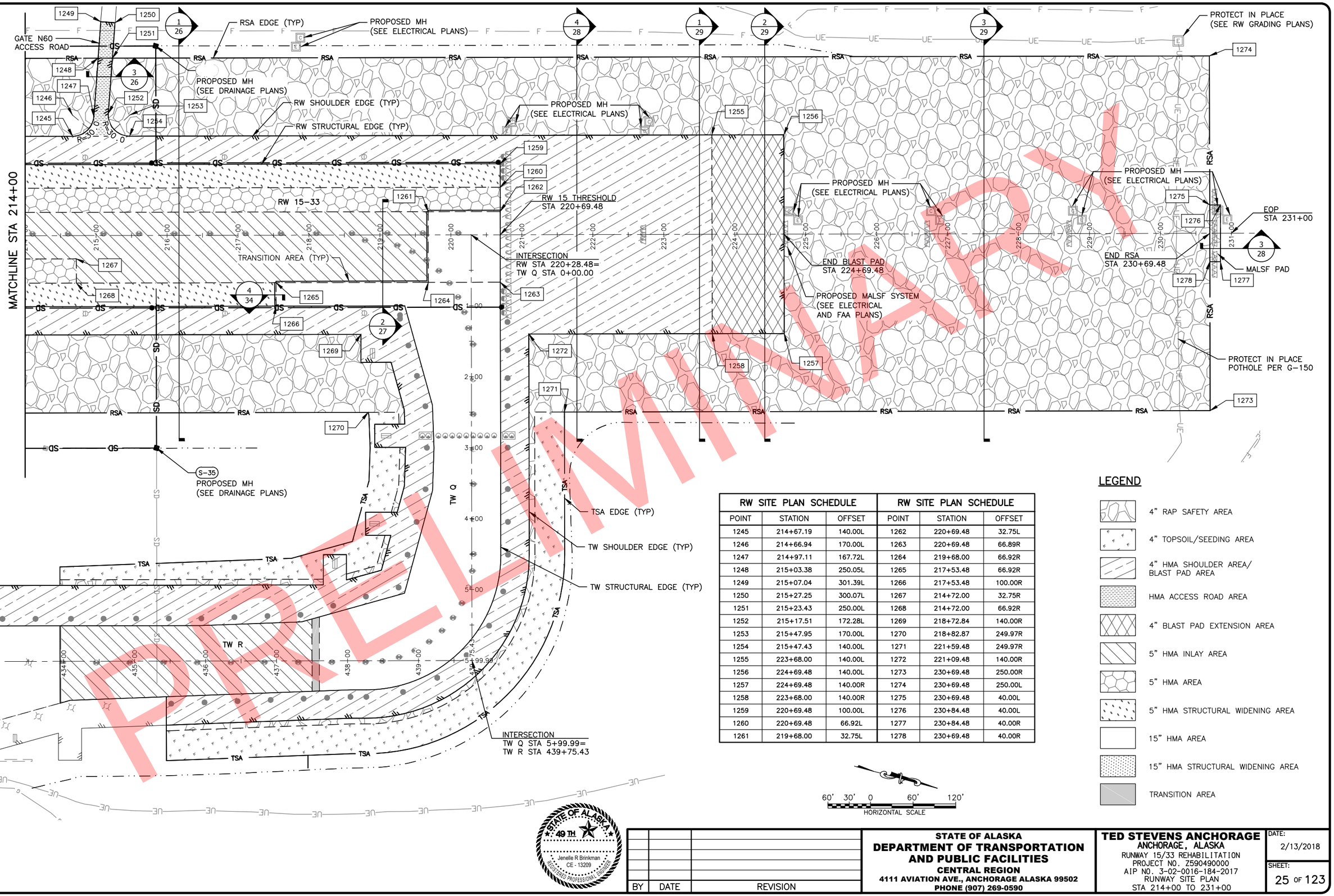
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY SITE PLAN
STA 198+50 TO 214+00

DATE: 2/13/2018
SHEET: 24 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: 198+50 TO 214+00
File Path and Name: W:\Projects\MA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - SITE.dwg
2/13/2018, 6:13 PM



RW SITE PLAN SCHEDULE			RW SITE PLAN SCHEDULE		
POINT	STATION	OFFSET	POINT	STATION	OFFSET
1245	214+67.19	140.00L	1262	220+69.48	32.75L
1246	214+66.94	170.00L	1263	220+69.48	66.89R
1247	214+97.11	167.72L	1264	219+68.00	66.92R
1248	215+03.38	250.05L	1265	217+53.48	66.92R
1249	215+07.04	301.39L	1266	217+53.48	100.00R
1250	215+27.25	300.07L	1267	214+72.00	32.75R
1251	215+23.43	250.00L	1268	214+72.00	66.92R
1252	215+17.51	172.28L	1269	218+72.84	140.00R
1253	215+47.95	170.00L	1270	218+82.87	249.97R
1254	215+47.43	140.00L	1271	221+59.48	249.97R
1255	223+68.00	140.00L	1272	221+09.48	140.00R
1256	224+69.48	140.00L	1273	230+69.48	250.00R
1257	224+69.48	140.00R	1274	230+69.48	250.00L
1258	223+68.00	140.00R	1275	230+69.48	40.00L
1259	220+69.48	100.00L	1276	230+84.48	40.00L
1260	220+69.48	66.92L	1277	230+84.48	40.00R
1261	219+68.00	32.75L	1278	230+69.48	40.00R

LEGEND

- 4" RAP SAFETY AREA
- 4" TOPSOIL/SEEDING AREA
- 4" HMA SHOULDER AREA/ BLAST PAD AREA
- HMA ACCESS ROAD AREA
- 4" BLAST PAD EXTENSION AREA
- 5" HMA INLAY AREA
- 5" HMA AREA
- 5" HMA STRUCTURAL WIDENING AREA
- 15" HMA AREA
- 15" HMA STRUCTURAL WIDENING AREA
- TRANSITION AREA

60' 30' 0 60' 120'
HORIZONTAL SCALE

PRELIMINARY

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

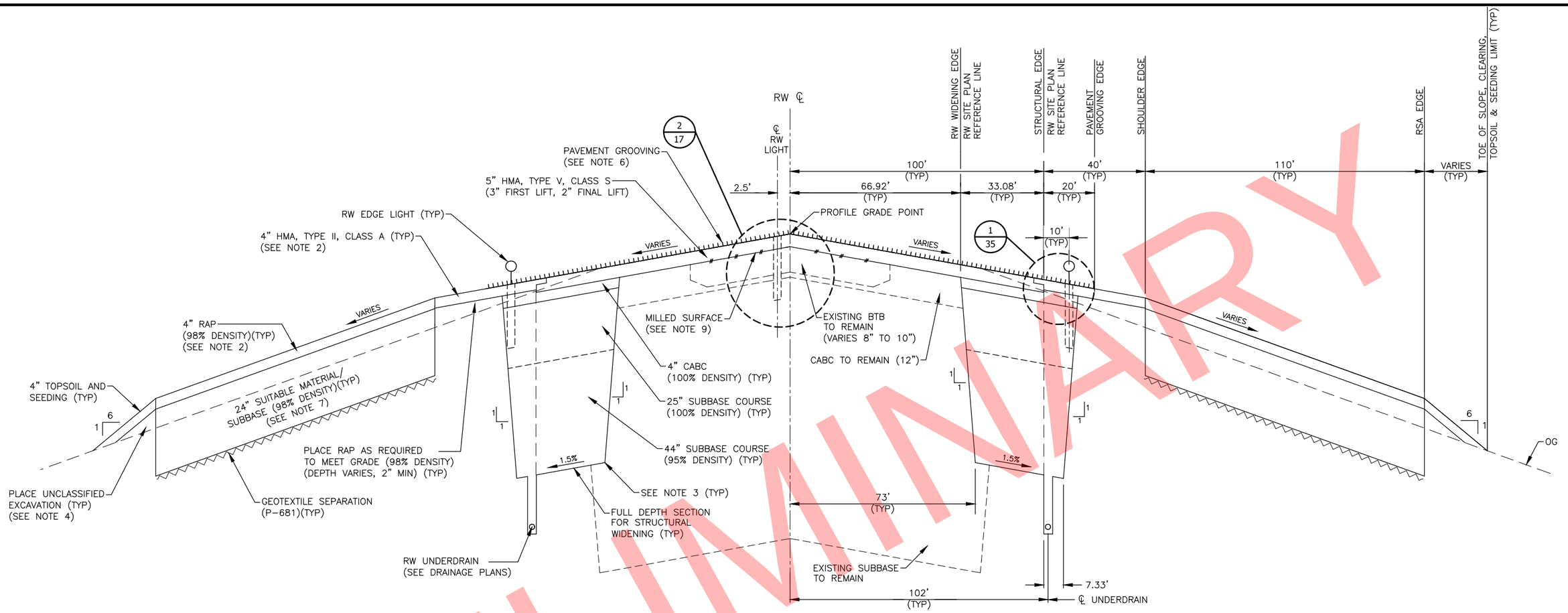
BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

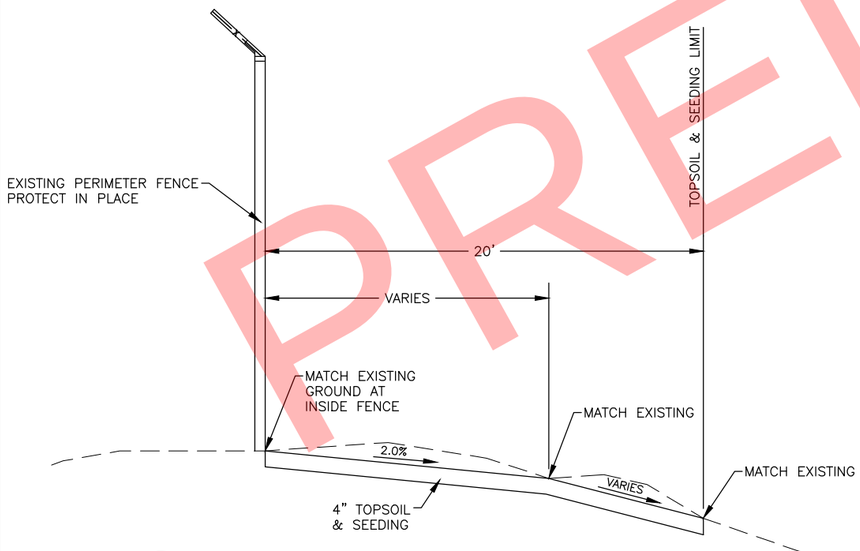
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY SITE PLAN
STA 214+00 TO 231+00

DATE: 2/13/2018
SHEET: 25 OF 123

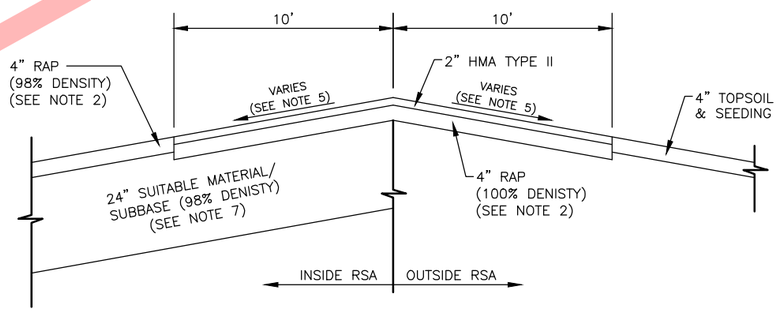
Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: 214+00 TO 232+00
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - SITE.dwg
2/13/2018, 6:13 PM



1/26 RW TYPICAL SECTION
NTS



2/26 PART 77 GRADING NORTHWEST AREA
NTS
STA 216+25 TO 219+00
OFFSET 500 LT ±



3/26 GATE N60 ACCESS ROAD TYPICAL SECTION
NTS

NOTES:

1. APPLY TACK COAT BETWEEN EXISTING HMA, ATB, OR BTB AND NEW HMA. APPLY TACK COAT BETWEEN ALL LIFTS OF NEW HMA.
2. USE RAP MILLED WITH THIS PROJECT IN THE TYPE II, CLASS A, HMA MIX PER SPECIFICATION P-401 PRIOR TO USE IN THE SAFETY AREAS. USE EXCESS RAP AND/OR RAP FROM THE OWNER PROVIDED RAP STOCKPILE, AT THE DISCRETION OF THE ENGINEER, FOR THE SAFETY AREAS.
3. EXCAVATIONS SHALL BE MAINTAINED TO BE WELL DRAINED AT ALL TIMES. DO NOT ALLOW SURFACE WATER TO COLLECT AND SATURATE THE SUBGRADE (SEE SPECIFICATION SUBSECTION P-152-3.2).
4. USE UNCLASSIFIED EXCAVATION FROM UNDER THE EXISTING RUNWAY STRUCTURAL SECTION AND SHOULDER FOR PLACEMENT UNDER THE TOPSOIL.
5. SEE GRADING PLANS FOR SLOPES AND FINISHED GRADE ELEVATIONS.
6. SEE GROOVING PLAN SHEETS FOR GROOVING LIMITS AND DETAILS.
7. UNCLASSIFIED EXCAVATION THAT MEETS THE SUITABLE SPECIFICATION SHALL BE PLACED AND COMPACTED AS EMBANKMENT IN THE RUNWAY SAFETY AREAS PRIOR TO USING SUBBASE. INSTALLATION AND PLACEMENT OF THIS MATERIAL IS SUBSIDIARY TO UNCLASSIFIED EXCAVATION.
8. REFER TO THE ELECTRICAL PLANS FOR THE LIGHTING DETAILS.
9. VARIABLE DEPTH PAVEMENT MILLING WILL BE REQUIRED ON THE RUNWAY, SEE RW DEMOLITION PLANS.

PRELIMINARY

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
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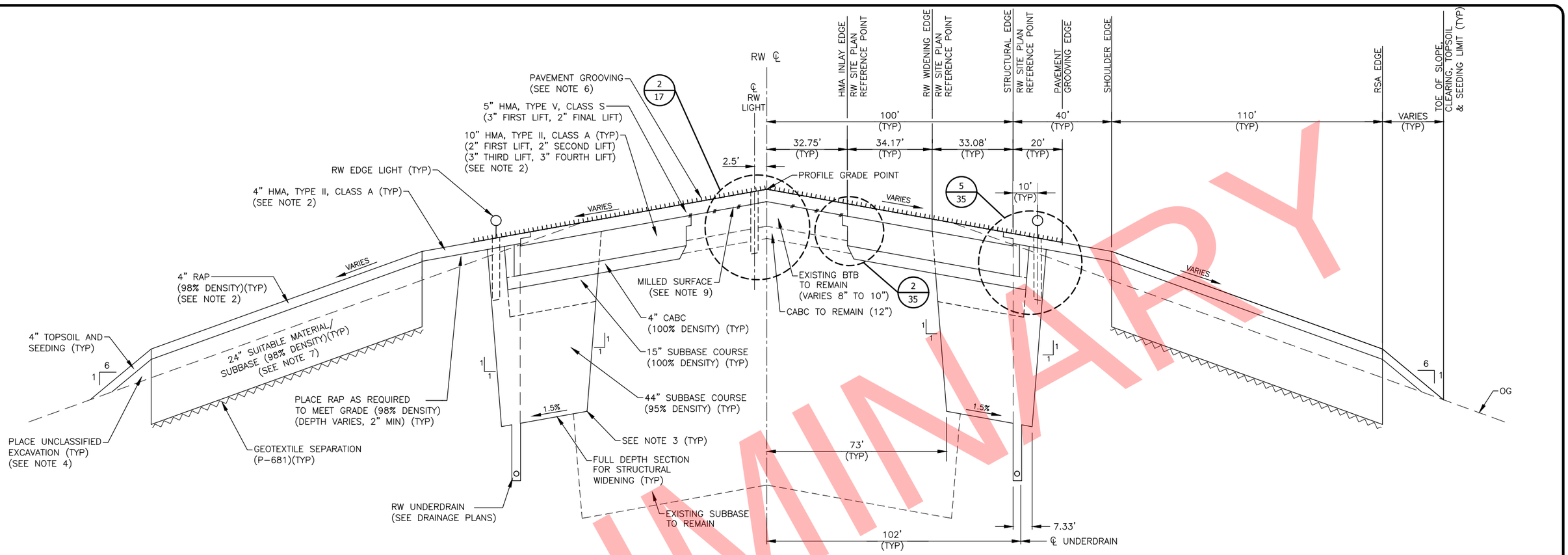
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY TYPICAL SECTIONS

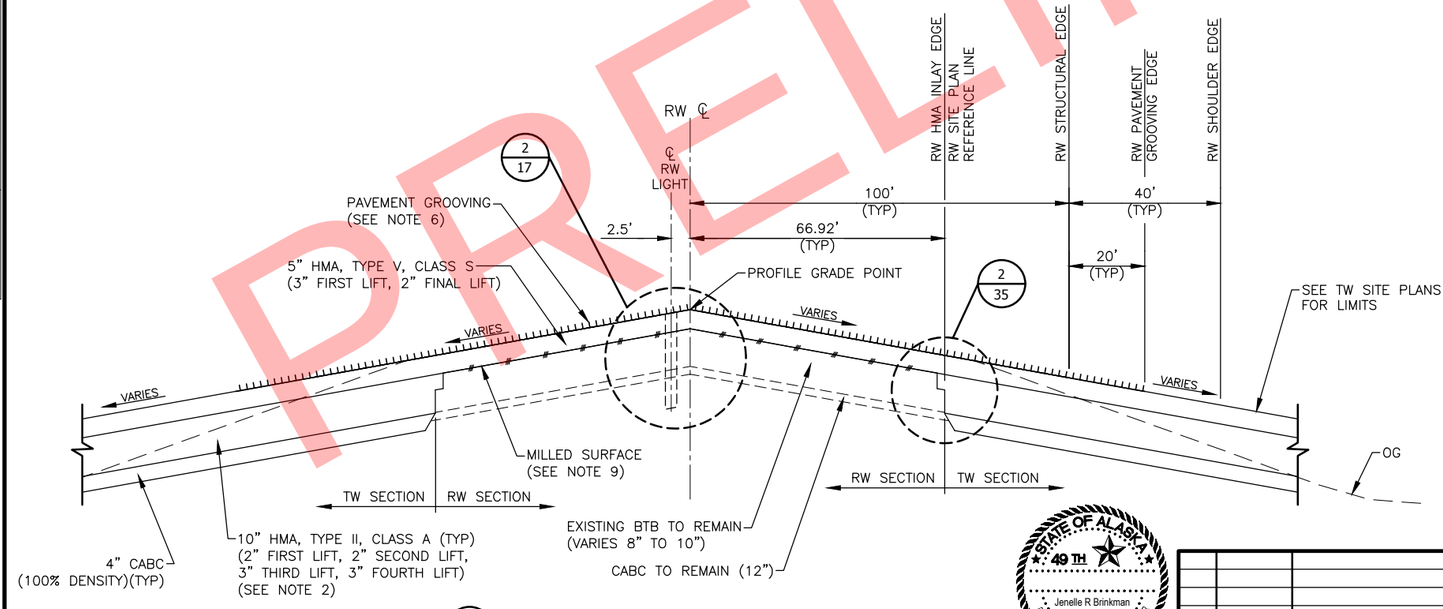
DATE: 2/13/2018
SHEET: 26 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 6:14 PM
Layout Name: RW
File Path and Names: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Typicals.dwg



1/27 RW TYPICAL SECTION

NTS



2/27 RW/TW INTERSECTION TYPICAL SECTION

NTS

NOTES:

1. APPLY TACK COAT BETWEEN EXISTING HMA, ATB, OR BTB AND NEW HMA. APPLY TACK COAT BETWEEN ALL LIFTS OF NEW HMA.
2. USE RAP MILLED WITH THIS PROJECT IN THE TYPE II, CLASS A, HMA MIX PER SPECIFICATION P-401 PRIOR TO USE IN THE SAFETY AREAS. USE EXCESS RAP AND/OR RAP FROM THE OWNER PROVIDED RAP STOCKPILE, AT THE DISCRETION OF THE ENGINEER, FOR THE SAFETY AREAS.
3. EXCAVATIONS SHALL BE MAINTAINED TO BE WELL DRAINED AT ALL TIMES. DO NOT ALLOW SURFACE WATER TO COLLECT AND SATURATE THE SUBGRADE (SEE SPECIFICATION SUBSECTION P-152-3.2).
4. USE UNCLASSIFIED EXCAVATION FROM UNDER THE EXISTING RUNWAY STRUCTURAL SECTION AND SHOULDER FOR PLACEMENT UNDER THE TOPSOIL.
5. SEE GRADING PLANS FOR SLOPES AND FINISHED GRADE ELEVATIONS.
6. SEE GROOVING PLAN SHEETS FOR GROOVING LIMITS AND DETAILS.
7. REFER TO THE ELECTRICAL PLANS FOR THE LIGHTING DETAILS.
8. UNCLASSIFIED EXCAVATION THAT MEETS THE SUITABLE SPECIFICATION SHALL BE PLACED AND COMPACTED AS EMBANKMENT IN THE RUNWAY SAFETY AREAS PRIOR TO USING SUBBASE. INSTALLATION AND PLACEMENT OF THIS MATERIAL IS SUBSIDIARY TO UNCLASSIFIED EXCAVATION.
9. VARIABLE DEPTH PAVEMENT MILLING WILL BE REQUIRED ON THE RUNWAY.

PRELIMINARY

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

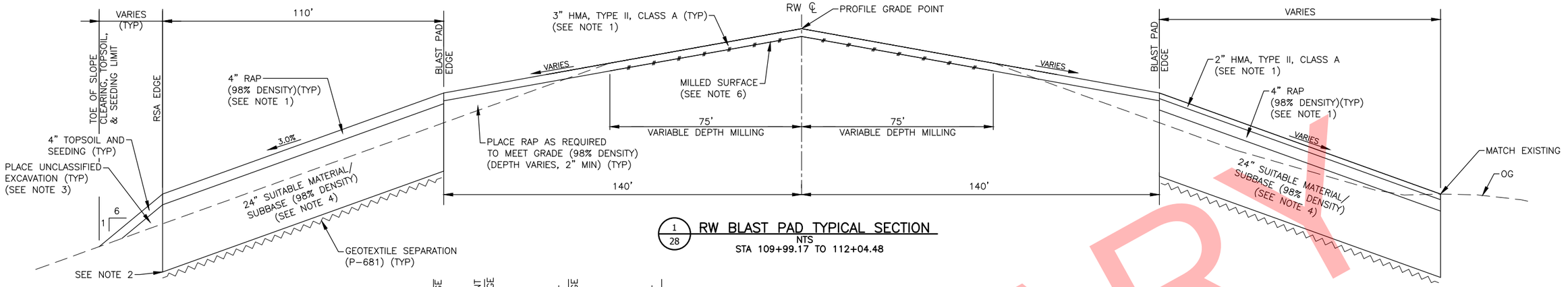
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY TYPICAL SECTIONS

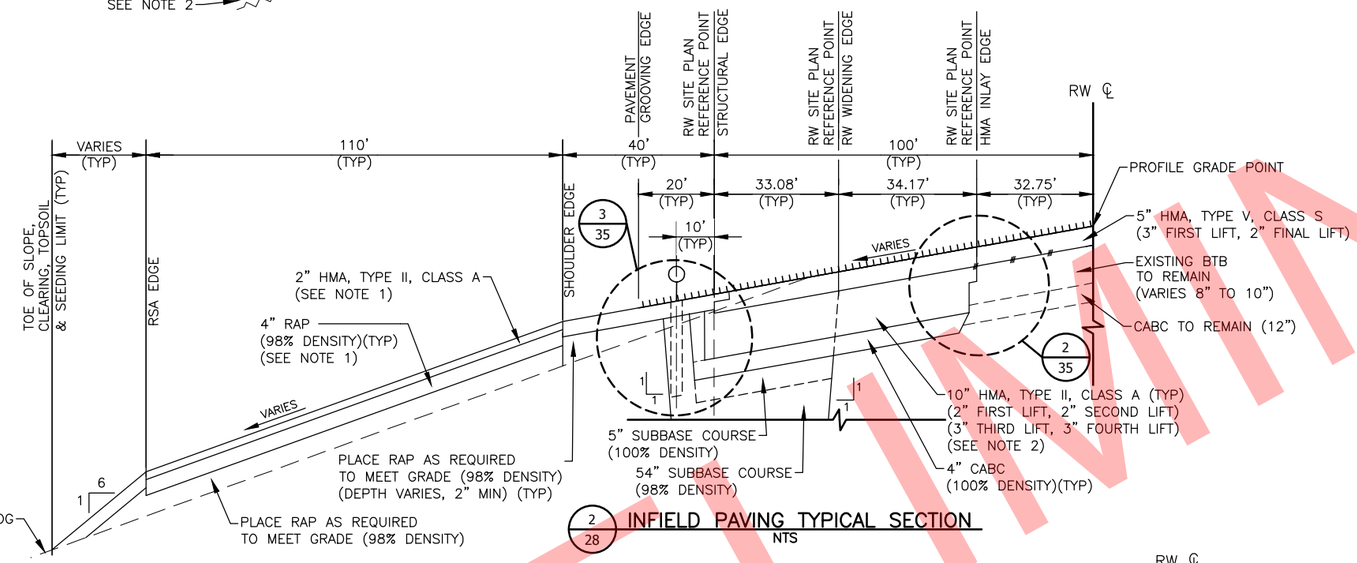
DATE: 2/13/2018
SHEET: 27 OF 123

Date Revised: 2/13/2018, 6:14 PM
Layout Name: RW (2)
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Typicals.dwg

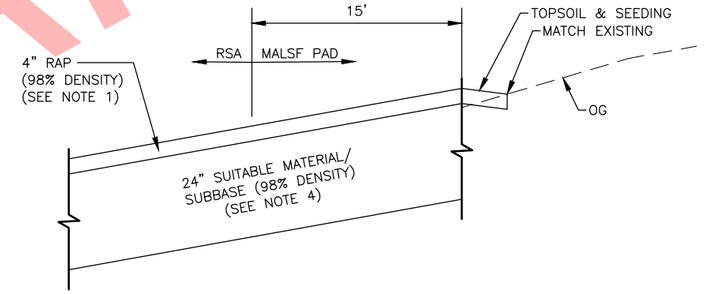
Designed By:	TC/MR/AD
Drawn By:	RKB
Checked By:	JRB



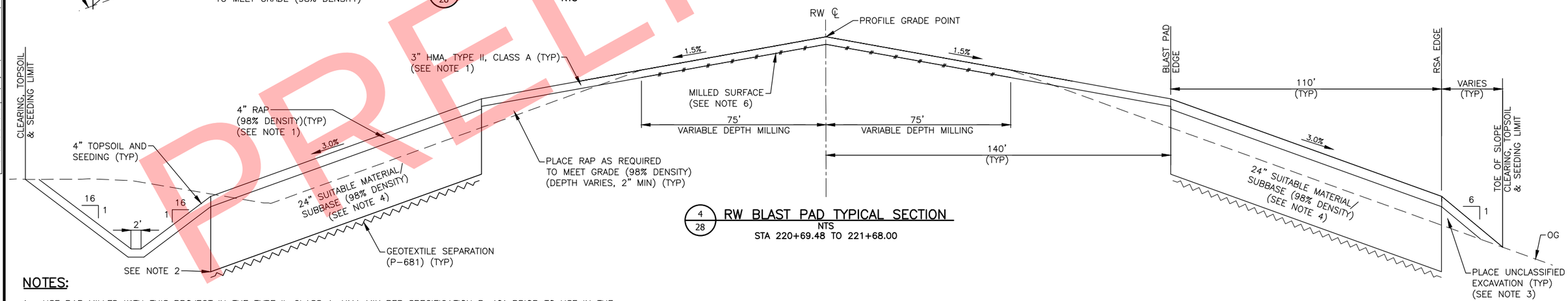
1/28 RW BLAST PAD TYPICAL SECTION
NTS
STA 109+99.17 TO 112+04.48



2/28 INFIELD PAVING TYPICAL SECTION
NTS



3/28 MALSF PAD TYPICAL SECTION
NTS



4/28 RW BLAST PAD TYPICAL SECTION
NTS
STA 220+69.48 TO 221+68.00

NOTES:

1. USE RAP MILLED WITH THIS PROJECT IN THE TYPE II, CLASS A, HMA MIX PER SPECIFICATION P-401 PRIOR TO USE IN THE SAFETY AREAS. USE EXCESS RAP AND/OR RAP FROM THE OWNER PROVIDED RAP STOCKPILE, AT THE DISCRETION OF THE ENGINEER, FOR THE SAFETY AREAS.
2. EXCAVATIONS SHALL BE MAINTAINED TO BE WELL DRAINED AT ALL TIMES. DO NOT ALLOW SURFACE WATER TO COLLECT AND SATURATE THE SUBGRADE (SEE SPECIFICATION SUBSECTION P-152-3.2).
3. USE UNCLASSIFIED EXCAVATION FROM UNDER THE EXISTING RUNWAY BLAST PAD FOR PLACEMENT UNDER THE TOPSOIL.
4. UNCLASSIFIED EXCAVATION THAT MEETS THE SUITABLE SPECIFICATION SHALL BE PLACED AND COMPACTED AS EMBANKMENT IN THE RUNWAY SAFETY AREAS PRIOR TO USING SUBBASE. INSTALLATION AND PLACEMENT OF THIS MATERIAL IS SUBSIDIARY TO UNCLASSIFIED EXCAVATION.
5. SEE GRADING PLANS FOR SLOPE TRANSITIONS.
6. VARIABLE DEPTH MILLING WILL BE REQUIRED ON THE BLAST PAD.

STATE OF ALASKA 49 TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
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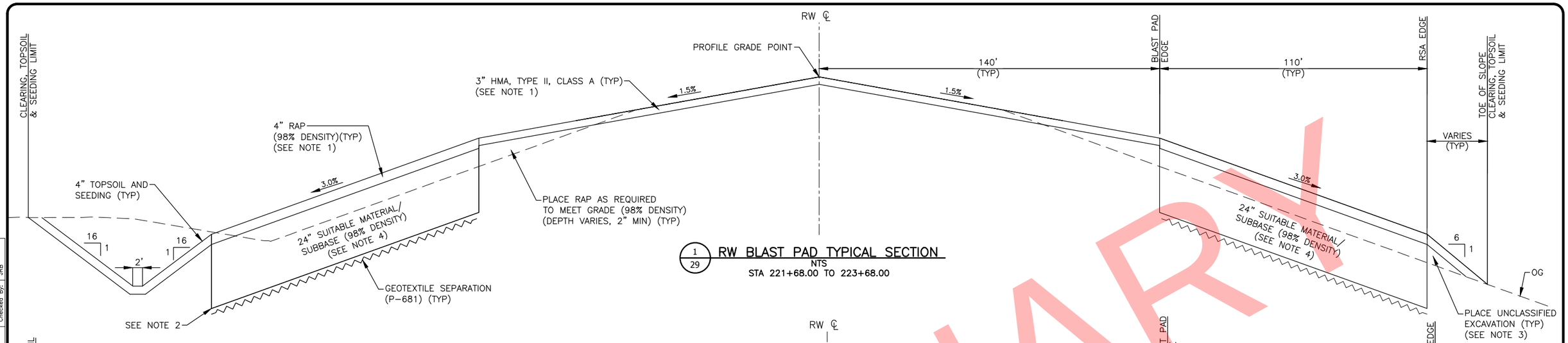
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY TYPICAL SECTIONS

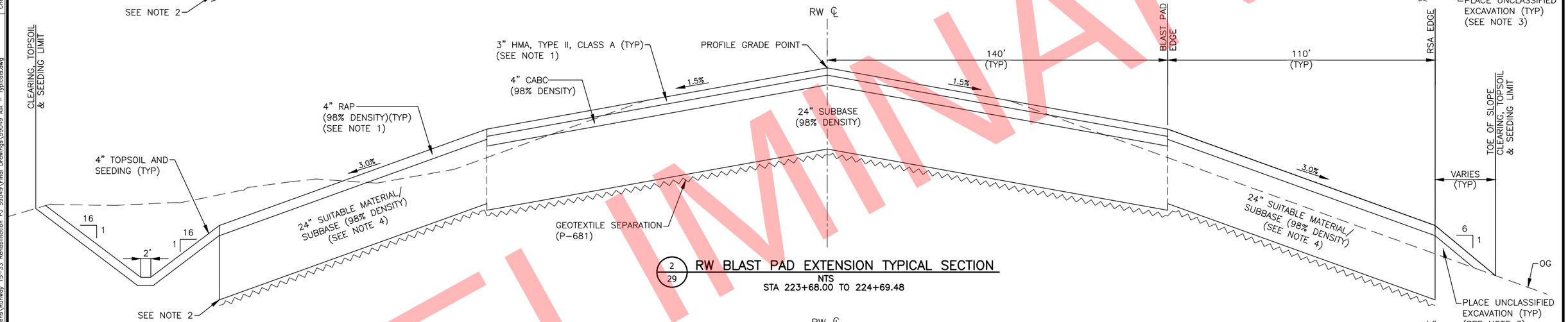
DATE: 2/13/2018
SHEET: 28 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 6:14 PM
Layout Name: RW2
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Typicals.dwg

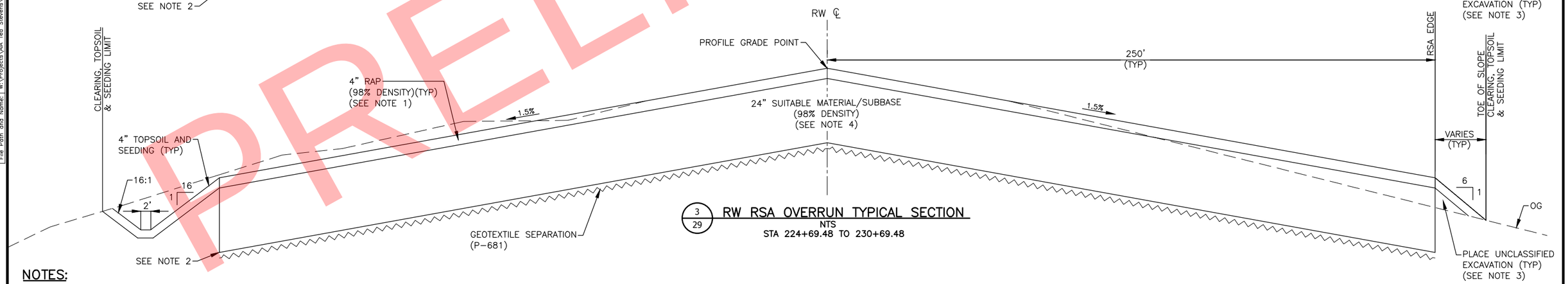
PRELIMINARY



1/29 RW BLAST PAD TYPICAL SECTION
NTS
STA 221+68.00 TO 223+68.00



2/29 RW BLAST PAD EXTENSION TYPICAL SECTION
NTS
STA 223+68.00 TO 224+69.48



3/29 RW RSA OVERRUN TYPICAL SECTION
NTS
STA 224+69.48 TO 230+69.48

PRELIMINARY

NOTES:

1. USE RAP MILLED WITH THIS PROJECT IN THE TYPE II, CLASS A, HMA MIX PER SPECIFICATION P-401 PRIOR TO USE IN THE SAFETY AREAS. USE EXCESS RAP AND/OR RAP FROM THE OWNER PROVIDED RAP STOCKPILE, AT THE DISCRETION OF THE ENGINEER, FOR THE SAFETY AREAS.
2. EXCAVATIONS SHALL BE MAINTAINED TO BE WELL DRAINED AT ALL TIMES. DO NOT ALLOW SURFACE WATER TO COLLECT AND SATURATE THE SUBGRADE (SEE SPECIFICATION SUBSECTION P-152-3.2).
3. USE UNCLASSIFIED EXCAVATION FROM UNDER THE EXISTING RUNWAY BLAST PAD FOR PLACEMENT UNDER THE TOPSOIL.
4. UNCLASSIFIED EXCAVATION THAT MEETS THE SUITABLE SPECIFICATION SHALL BE PLACED AND COMPACTED AS EMBANKMENT IN THE RUNWAY SAFETY AREAS PRIOR TO USING SUBBASE. INSTALLATION AND PLACEMENT OF THIS MATERIAL IS SUBSIDIARY TO UNCLASSIFIED EXCAVATION.
5. SEE GRADING PLANS FOR SLOPE TRANSITIONS.

STATE OF ALASKA 49 TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

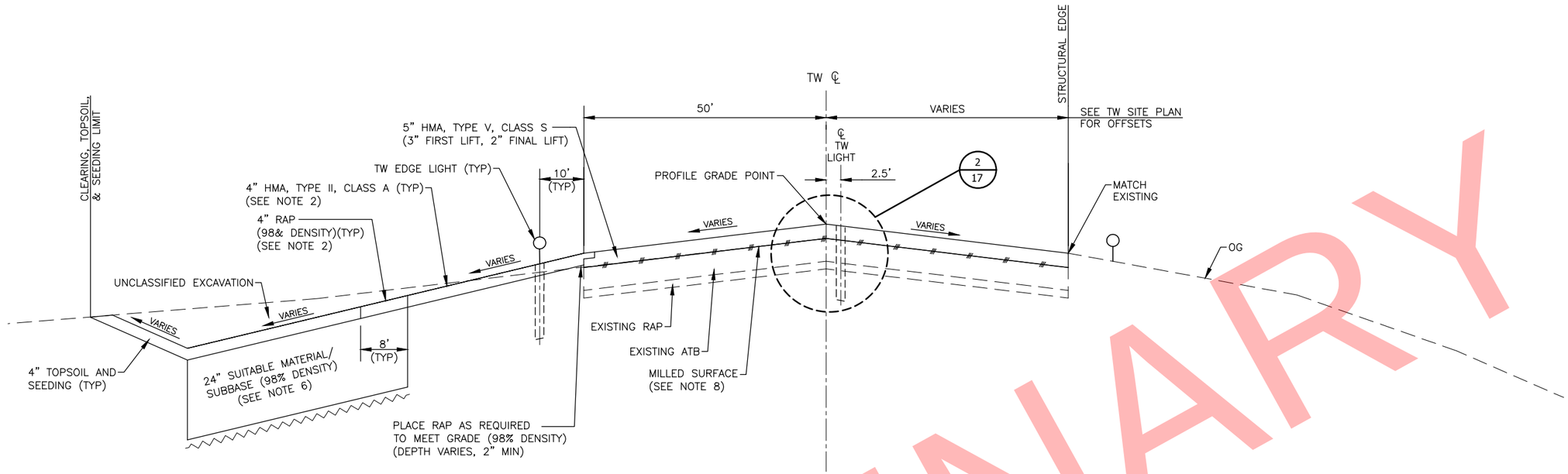
BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY TYPICAL SECTIONS

DATE: 2/13/2018
SHEET: 29 OF 123

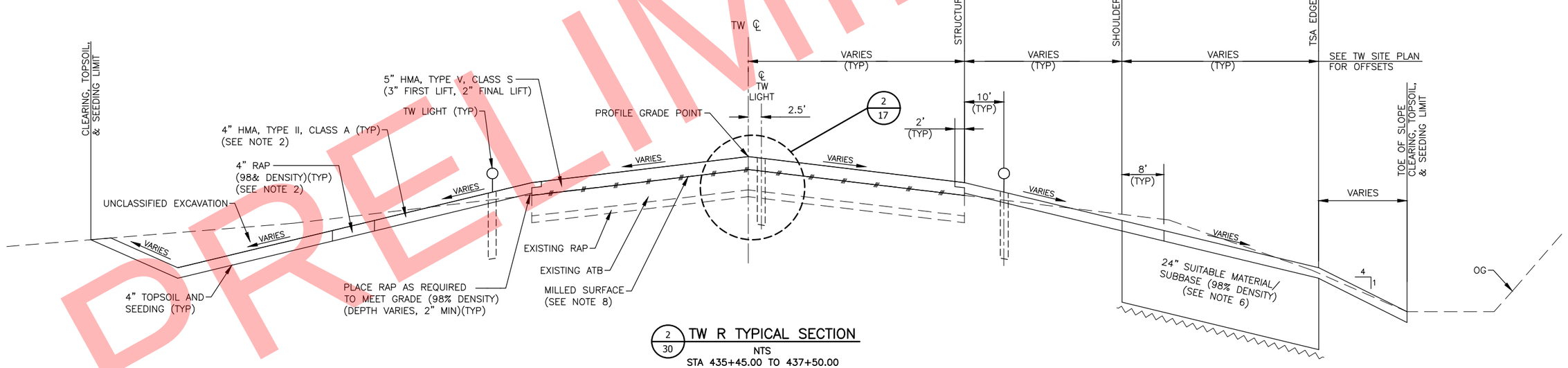
Designed By:	TC/MR/AD
Drawn By:	RKB
Checked By:	JRB
Date Revised:	2/13/2018, 6:14 PM
Layout Name:	RW3
File Path and Name:	W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Typicals.dwg



1/30 TW R TYPICAL SECTION

NTS

STA 433+95.00 TO 435+45.00



2/30 TW R TYPICAL SECTION

NTS

STA 435+45.00 TO 437+50.00

NOTES:

1. APPLY TACK COAT BETWEEN EXISTING HMA, ATB, OR BTB AND NEW HMA. APPLY TACK COAT BETWEEN ALL LIFTS OF NEW HMA.
2. USE RAP MILLED WITH THIS PROJECT IN THE TYPE II, CLASS A, HMA MIX PER SPECIFICATION P-401 PRIOR TO USE IN THE SAFETY AREAS. USE EXCESS RAP AND/OR RAP FROM THE OWNER PROVIDED RAP STOCKPILE, AT THE DISCRETION OF THE ENGINEER, FOR THE SAFETY AREAS.
3. EXCAVATIONS SHALL BE MAINTAINED TO BE WELL DRAINED AT ALL TIMES. DO NOT ALLOW SURFACE WATER TO COLLECT AND SATURATE THE SUBGRADE (SEE SPECIFICATION SUBSECTION P-152-3.2).
4. USE UNCLASSIFIED EXCAVATION FROM UNDER THE EXISTING RUNWAY STRUCTURAL SECTION AND SHOULDER FOR PLACEMENT UNDER THE TOPSOIL.
5. SEE GRADING PLANS FOR SLOPES AND FINISHED GRADE ELEVATIONS.
6. UNCLASSIFIED EXCAVATION THAT MEETS THE SUITABLE SPECIFICATION SHALL BE PLACED AND COMPACTED AS EMBANKMENT IN THE TAXIWAY SAFETY AREAS PRIOR TO USING SUBBASE. THIS MATERIAL IS SUBSIDIARY TO UNCLASSIFIED EXCAVATION.
7. REFER TO THE ELECTRICAL PLANS FOR THE LIGHTING DETAILS.
8. VARIABLE DEPTH PAVEMENT MILLING WILL BE REQUIRED ON TW R.

STATE OF ALASKA 49TH Jenelle R Brinkman CE - 13209 REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

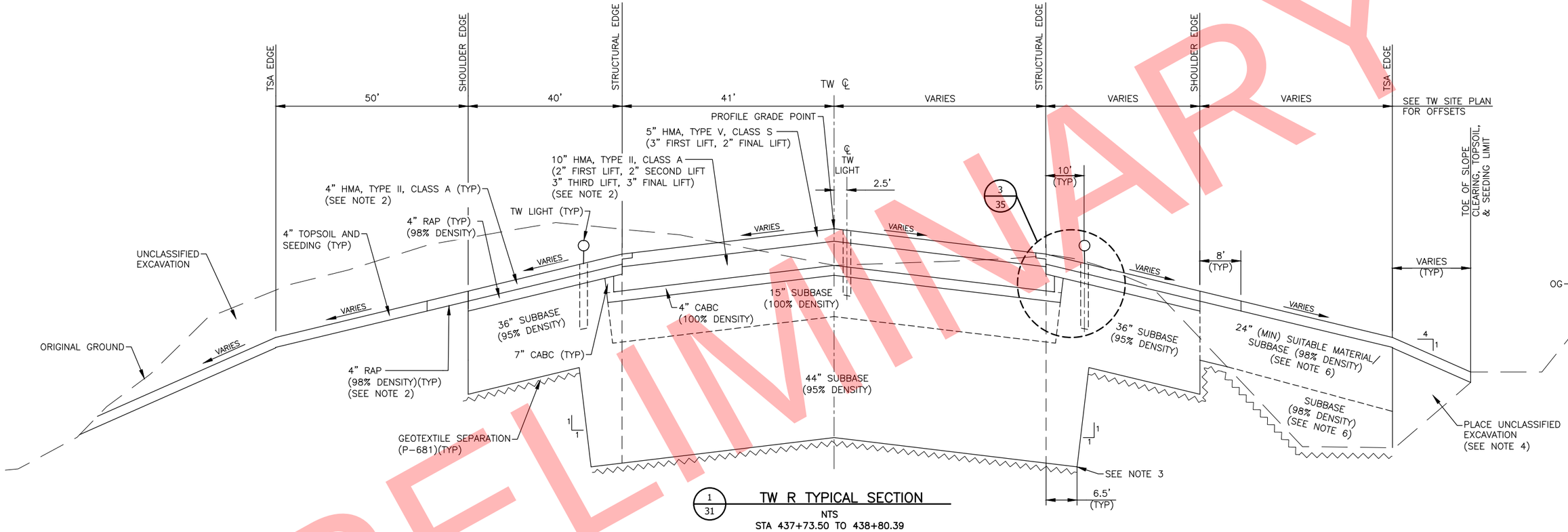
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY TYPICAL SECTIONS

DATE: 2/13/2018

SHEET: 30 OF 123

Designed By:	TC/MR/AD
Drawn By:	RKB
Checked By:	JRB
Date Revised:	2/13/2018, 6:14 PM
Layout Name:	TW 1
File Path and Name:	W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Typicals.dwg

PRELIMINARY



1/31 TW R TYPICAL SECTION

NTS

STA 437+73.50 TO 438+80.39

NOTES:

1. APPLY TACK COAT BETWEEN EXISTING HMA, ATB, OR BTB AND NEW HMA. APPLY TACK COAT BETWEEN ALL LIFTS OF NEW HMA.
2. USE RAP MILLED WITH THIS PROJECT IN THE TYPE II, CLASS A, HMA MIX PER SPECIFICATION P-401 PRIOR TO USE IN THE SAFETY AREAS. USE EXCESS RAP AND/OR RAP FROM THE OWNER PROVIDED RAP STOCKPILE, AT THE DISCRETION OF THE ENGINEER, FOR THE SAFETY AREAS.
3. EXCAVATIONS SHALL BE MAINTAINED TO BE WELL DRAINED AT ALL TIMES. DO NOT ALLOW SURFACE WATER TO COLLECT AND SATURATE THE SUBGRADE (SEE SPECIFICATION SUBSECTION P-152-3.2).
4. USE UNCLASSIFIED EXCAVATION FROM UNDER THE EXISTING TW STRUCTURAL SECTION AND SHOULDERS FOR PLACEMENT UNDER THE TOPSOIL.
5. SEE GRADING PLANS FOR SLOPES AND FINISHED GRADE ELEVATIONS.
6. UNCLASSIFIED EXCAVATION THAT MEETS THE SUITABLE SPECIFICATION SHALL BE PLACED AND COMPACTED AS EMBANKMENT IN THE TAXIWAY SAFETY AREAS PRIOR TO USING SUBBASE. INSTALLATION AND PLACEMENT OF THIS MATERIAL IS SUBSIDIARY TO UNCLASSIFIED EXCAVATION.
7. REFER TO THE ELECTRICAL PLANS FOR THE LIGHTING DETAILS.

PRELIMINARY

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
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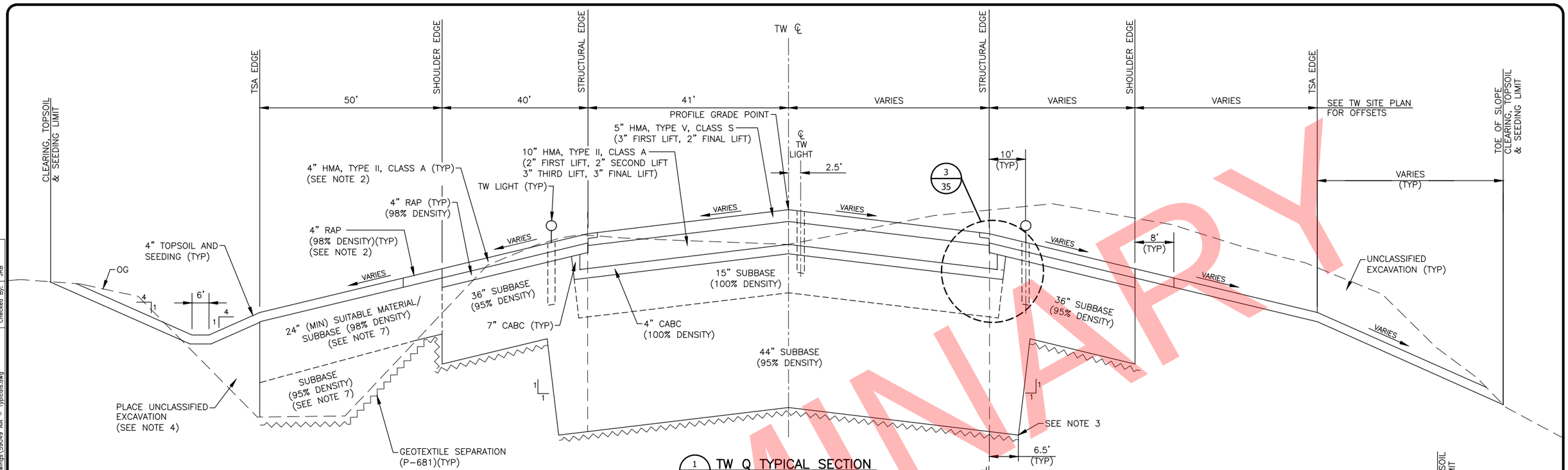
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY TYPICAL SECTIONS

DATE: 2/13/2018

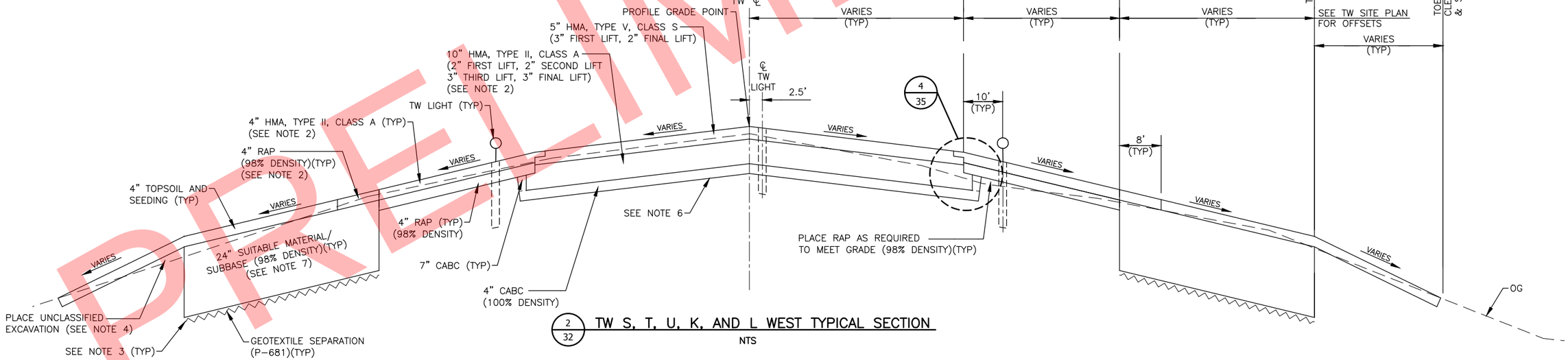
SHEET: 31 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 6:14 PM
Layout Name: TW 2
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Typicals.dwg



1/32 TW Q TYPICAL SECTION

NTS



2/32 TW S, T, U, K, AND L WEST TYPICAL SECTION

NTS

NOTES:

1. APPLY TACK COAT BETWEEN EXISTING HMA, ATB, OR BTB AND NEW HMA. APPLY TACK COAT BETWEEN ALL LIFTS OF NEW HMA.
2. USE RAP MILLED WITH THIS PROJECT IN THE TYPE II, CLASS A, HMA MIX PER SPECIFICATION P-401 PRIOR TO USE IN THE SAFETY AREAS. USE EXCESS RAP AND/OR RAP FROM THE OWNER PROVIDED RAP STOCKPILE, AT THE DISCRETION OF THE ENGINEER, FOR THE SAFETY AREAS.
3. EXCAVATIONS SHALL BE MAINTAINED TO BE WELL DRAINED AT ALL TIMES. DO NOT ALLOW SURFACE WATER TO COLLECT AND SATURATE THE SUBGRADE (SEE SPECIFICATION SUBSECTION P-152-3.2).
4. USE UNCLASSIFIED EXCAVATION FROM UNDER THE EXISTING TW STRUCTURAL SECTION AND SHOULDERS FOR PLACEMENT UNDER THE TOPSOIL.
5. SEE GRADING PLANS FOR SLOPES AND FINISHED GRADE ELEVATIONS.
6. COMPACT SUBGRADE BELOW THE STRUCTURAL SECTION TO A DEPTH OF 6" @ 95% DENSITY. DENSITY STANDARD SHALL BE ESTABLISHED PER AASHTO T99/T180, ATM 212, OR ATM 309 AS APPROVED BY THE ENGINEER.
7. UNCLASSIFIED EXCAVATION THAT MEETS THE SUITABLE SPECIFICATION SHALL BE PLACED AND COMPACTED AS EMBANKMENT IN THE TAXIWAY SAFETY AREAS PRIOR TO USING SUBBASE. INSTALLATION AND PLACEMENT OF THIS MATERIAL IS SUBSIDIARY TO UNCLASSIFIED EXCAVATION.
8. REFER TO THE ELECTRICAL PLANS FOR THE LIGHTING DETAILS.

STATE OF ALASKA 49TH — Jenelle R Brinkman CE-13209 — REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

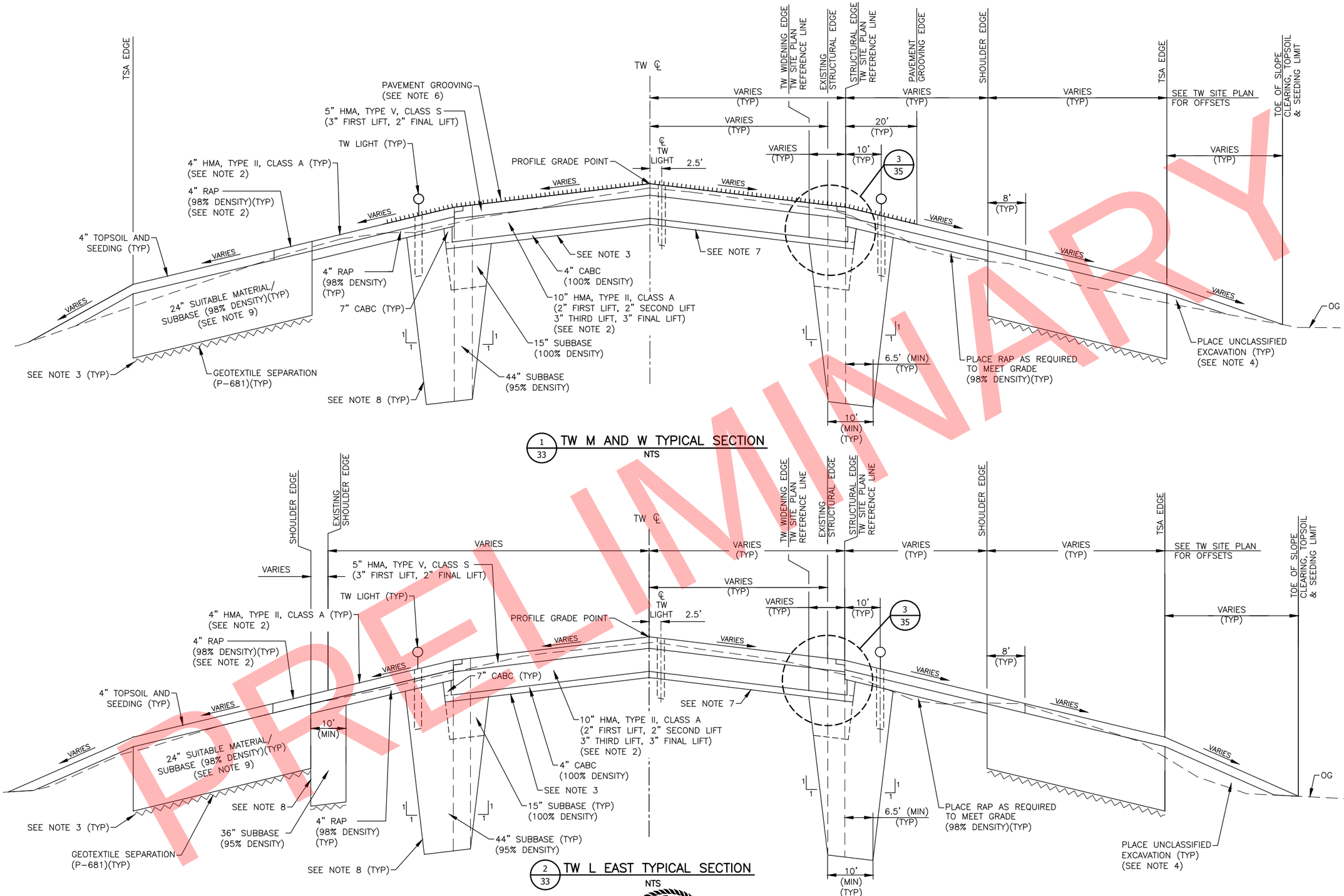
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY TYPICAL SECTIONS

DATE: 2/13/2018
SHEET: 32 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: TW 3
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Typicals.dwg
2/13/2018, 6:15 PM

PRELIMINARY



1/33 TW M AND W TYPICAL SECTION
NTS

2/33 TW L EAST TYPICAL SECTION
NTS

NOTES:

1. APPLY TACK COAT BETWEEN EXISTING HMA, ATB, OR BTB AND NEW HMA. APPLY TACK COAT BETWEEN ALL LIFTS OF NEW HMA.
2. USE RAP MILLED WITH THIS PROJECT IN THE TYPE II, CLASS A, HMA MIX PER SPECIFICATION P-401 PRIOR TO USE IN THE SAFETY AREAS. USE EXCESS RAP AND/OR RAP FROM THE OWNER PROVIDED RAP STOCKPILE, AT THE DISCRETION OF THE ENGINEER, FOR THE SAFETY AREAS.
3. EXCAVATIONS SHALL BE MAINTAINED TO BE WELL DRAINED AT ALL TIMES. DO NOT ALLOW SURFACE WATER TO COLLECT AND SATURATE THE SUBGRADE (SEE SPECIFICATION SUBSECTION P-152-3.2).
4. USE UNCLASSIFIED EXCAVATION FROM UNDER THE EXISTING TW STRUCTURAL SECTION AND SHOULDERS FOR PLACEMENT UNDER THE TOPSOIL.
5. SEE GRADING PLANS FOR SLOPES AND FINISHED GRADE ELEVATIONS.
6. SEE GROOVING PLAN SHEETS FOR GROOVING LIMITS AND DETAILS.
7. COMPACT SUBGRADE BELOW THE STRUCTURAL SECTION TO A DEPTH OF 6" @ 95% DENSITY. DENSITY STANDARD SHALL BE ESTABLISHED PER AASHTO T99/T180, ATM 212, OR ATM 309 AS APPROVED BY THE ENGINEER.
8. SEE SITE PLAN FOR TW STRUCTURAL WIDENING AND SHOULDER WIDENING LOCATIONS.
9. UNCLASSIFIED EXCAVATION THAT MEETS THE SUITABLE SPECIFICATION SHALL BE PLACED AND COMPACTED AS EMBANKMENT IN THE TAXIWAY SAFETY AREAS PRIOR TO USING SUBBASE. INSTALLATION AND PLACEMENT OF THIS MATERIAL IS SUBSIDIARY TO UNCLASSIFIED EXCAVATION.
10. REFER TO THE ELECTRICAL PLANS FOR THE LIGHTING DETAILS.

PRELIMINARY

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 6:15 PM
Layout Name: TW 4
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Typicals.dwg

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
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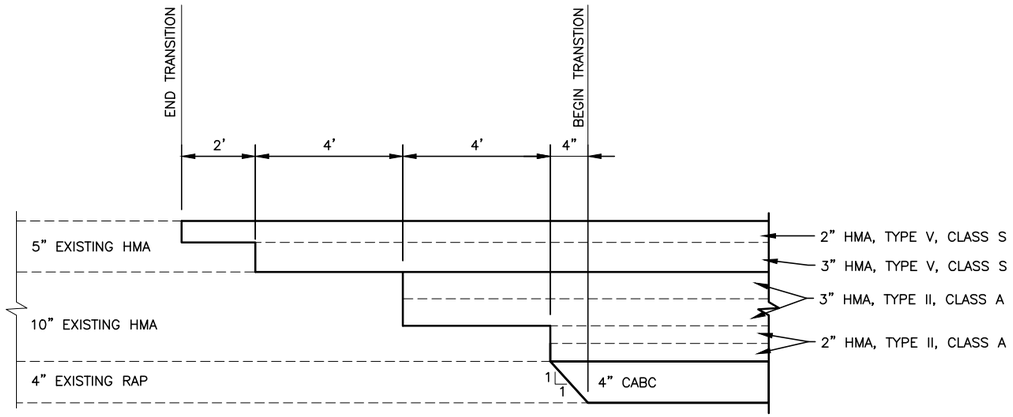
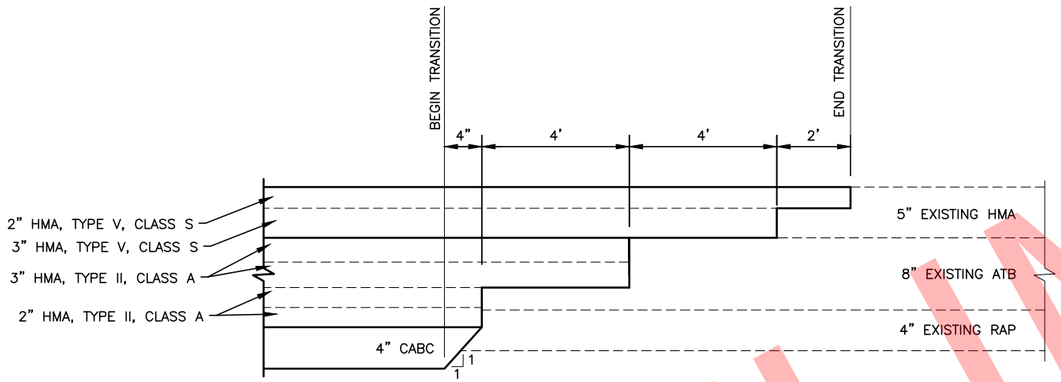
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY TYPICAL SECTIONS

DATE: 2/13/2018
SHEET: 33 OF 123



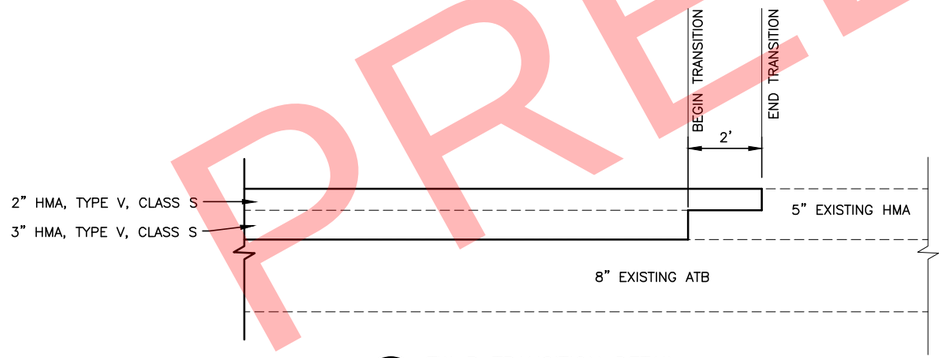
1/34 TW L WEST, K, S, T, U, AND W TRANSITION DETAIL

NTS



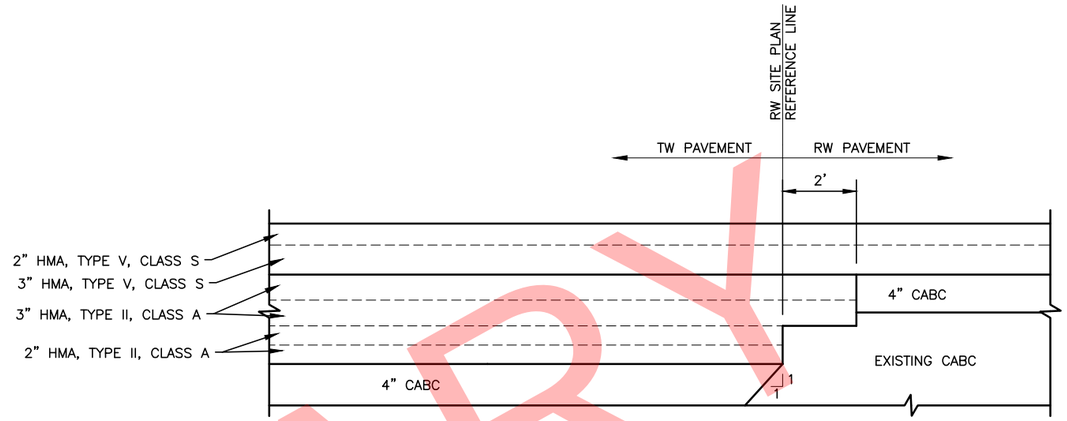
2/34 TW L EAST AND M TRANSITION DETAIL

NTS



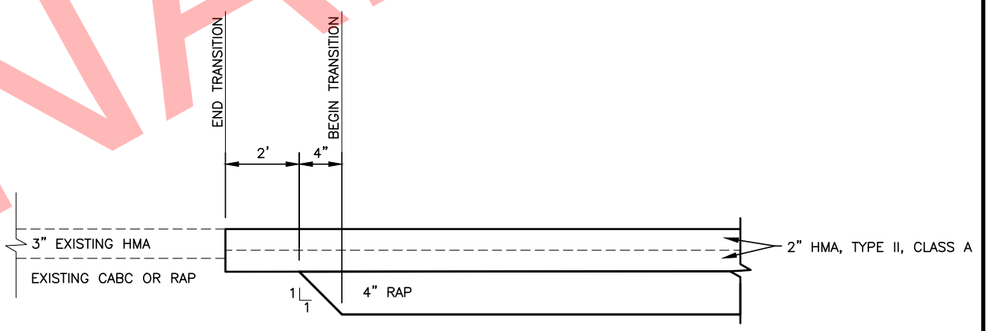
3/34 TW R TRANSITION DETAIL

NTS



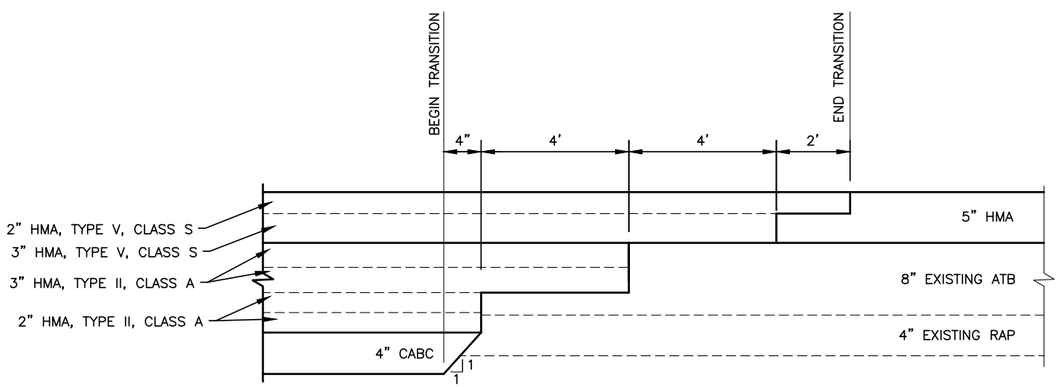
4/34 TW TO RW TRANSITION DETAIL

NTS



5/34 TW SHOULDER TRANSITION DETAIL

NTS



6/34 TW R TRANSITION DETAIL

NTS

NOTES:

1. APPLY TACK COAT BETWEEN EXISTING HMA, ATB, OR BTB AND NEW HMA. APPLY TACK COAT BETWEEN ALL LIFTS OF NEW HMA.

STATE OF ALASKA 49TH REGISTERED PROFESSIONAL ENGINEER Jenelle R Brinkman CE - 13209

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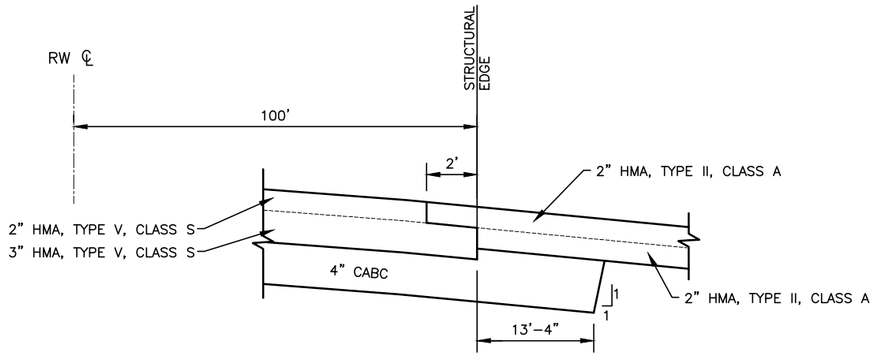
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TRANSITION DETAILS

DATE: 2/13/2018

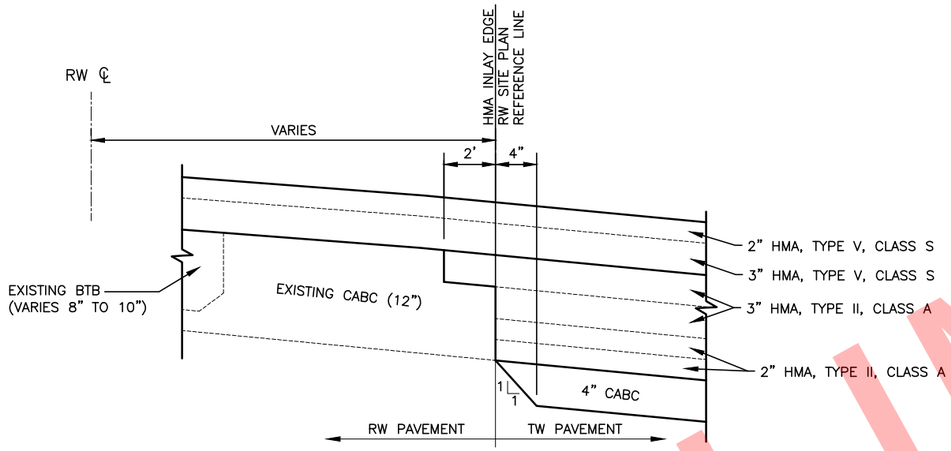
SHEET: 34 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 6:15 PM
Layout Name: typ details
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Details.dwg

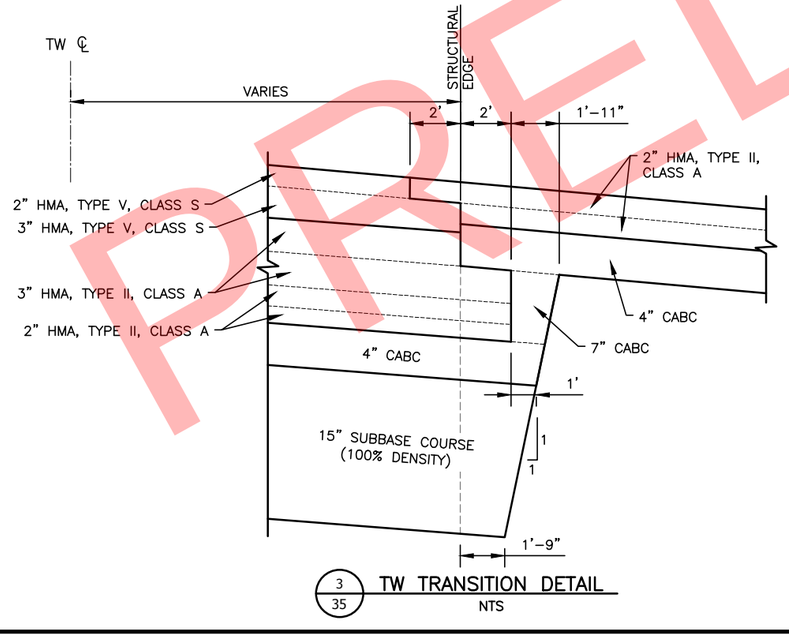
PRELIMINARY



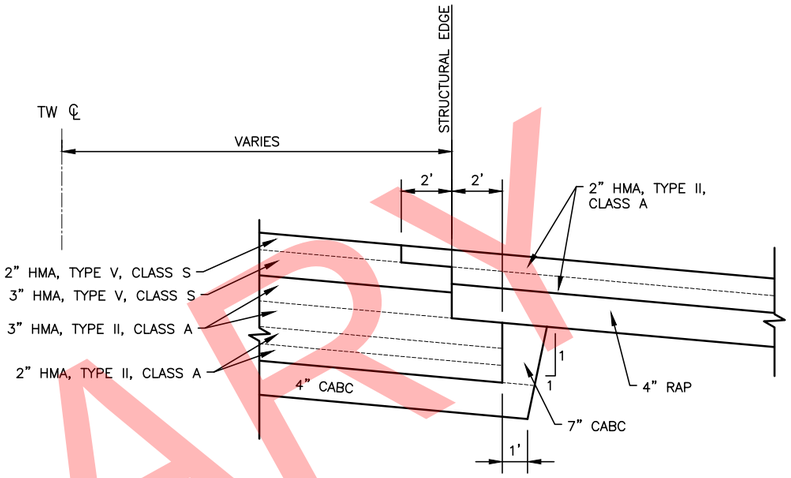
1/35 RW TRANSITION DETAIL
NTS



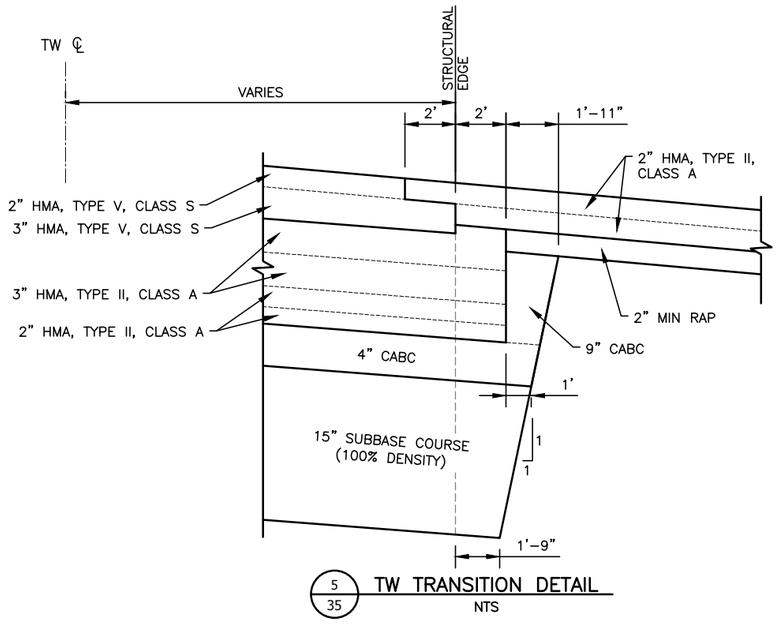
2/35 RW/TW INTERSECTION TRANSITION DETAIL
NTS



3/35 TW TRANSITION DETAIL
NTS



4/35 TW TRANSITION DETAIL
NTS



5/35 TW TRANSITION DETAIL
NTS

NOTES:

1. APPLY TACK COAT BETWEEN EXISTING HMA, ATB, OR BTB AND NEW HMA. APPLY TACK COAT BETWEEN ALL LIFTS OF NEW HMA.

PRELIMINARY

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
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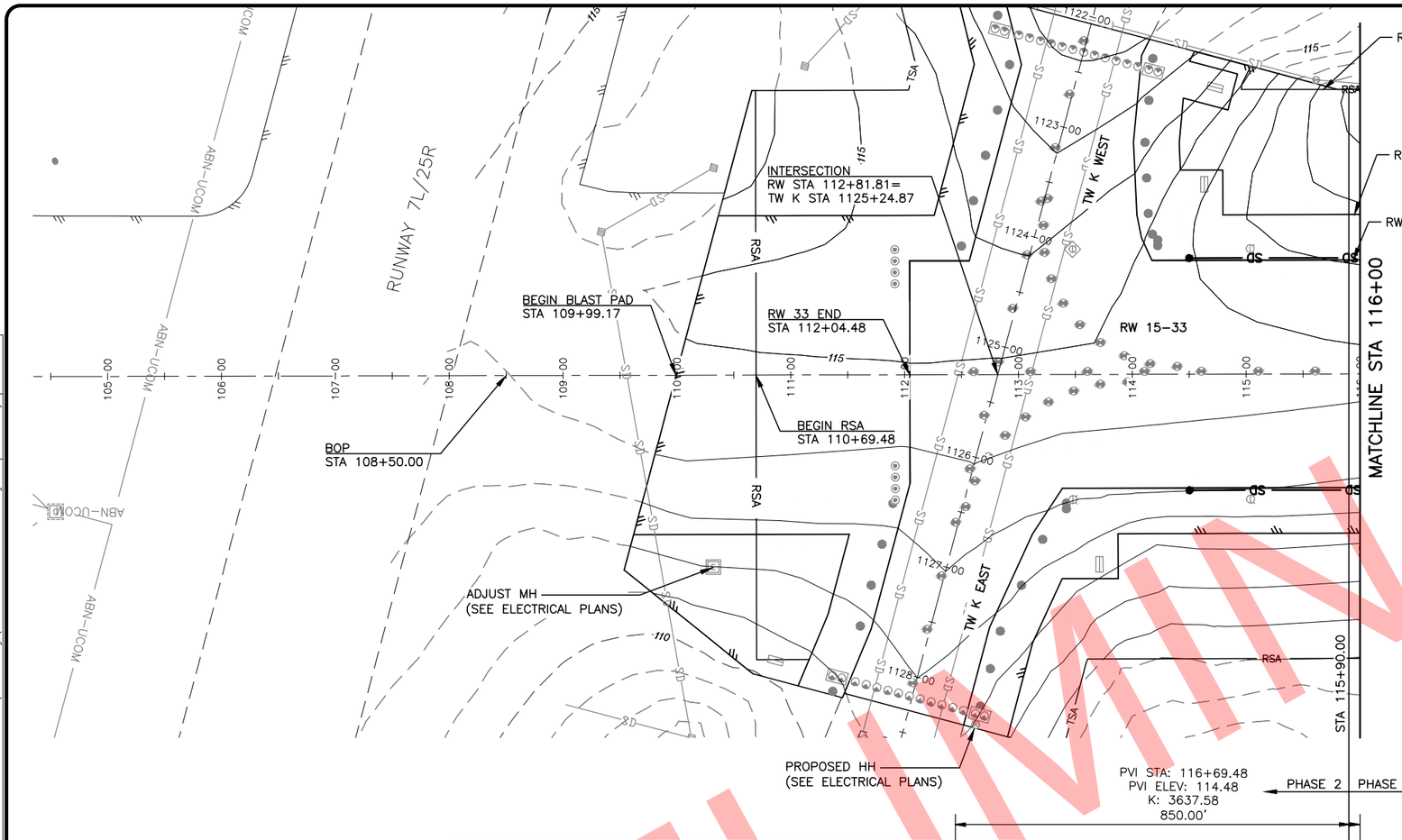
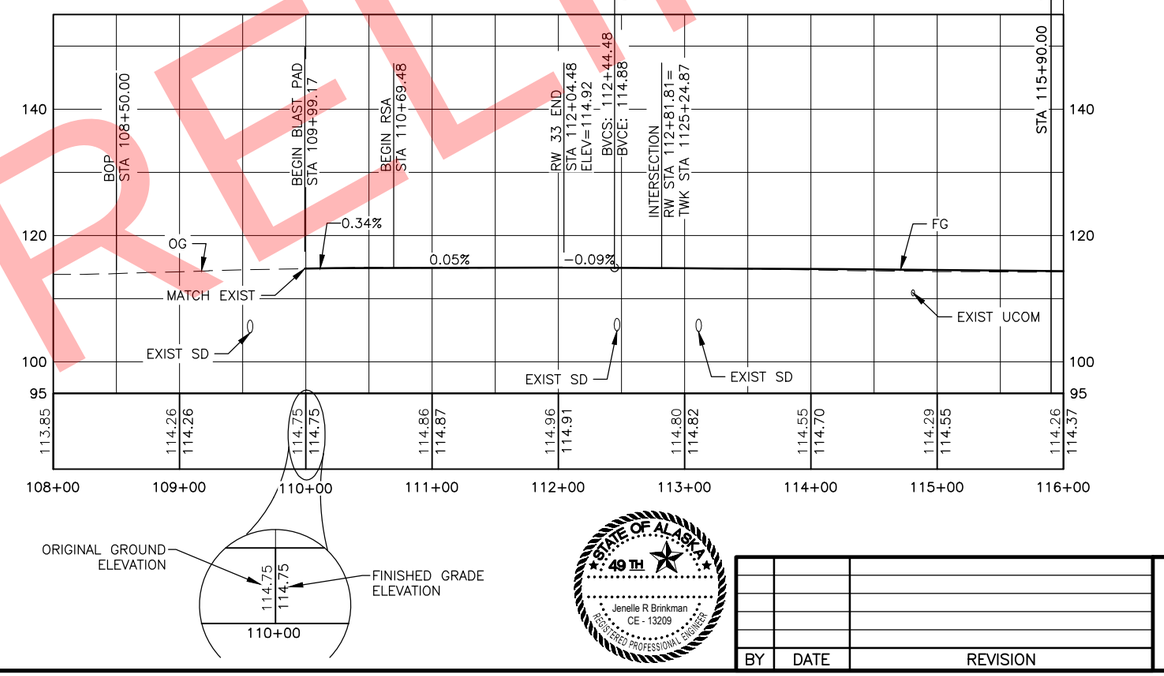
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TRANSITION DETAILS

DATE: 2/13/2018
SHEET: 35 OF 123

Date Revised: 2/13/2018, 6:15 PM
Layout Name: typ details 2
File Path and Name: W:\Projects\Ak Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Details.dwg
Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB





TYPICAL PLAN & PROFILE NOTES:

1. SEE ELECTRICAL PLANS FOR PROPOSED ELECTRICAL CONDUITS.
2. SEE DRAINAGE PLANS FOR PROPOSED UNDERDRAINS, STORNDRAINS, AND MANHOLES.
3. ALL UTILITY CROSSING DEPTHS ARE APPROXIMATE.
4. ALL STATIONING IS BASED OFF THE RW UNLESS NOTED OTHERWISE.

60' 30' 0 60' 120'
HORIZONTAL SCALE
VERTICAL SCALE = 1:5

STATE OF ALASKA 49TH
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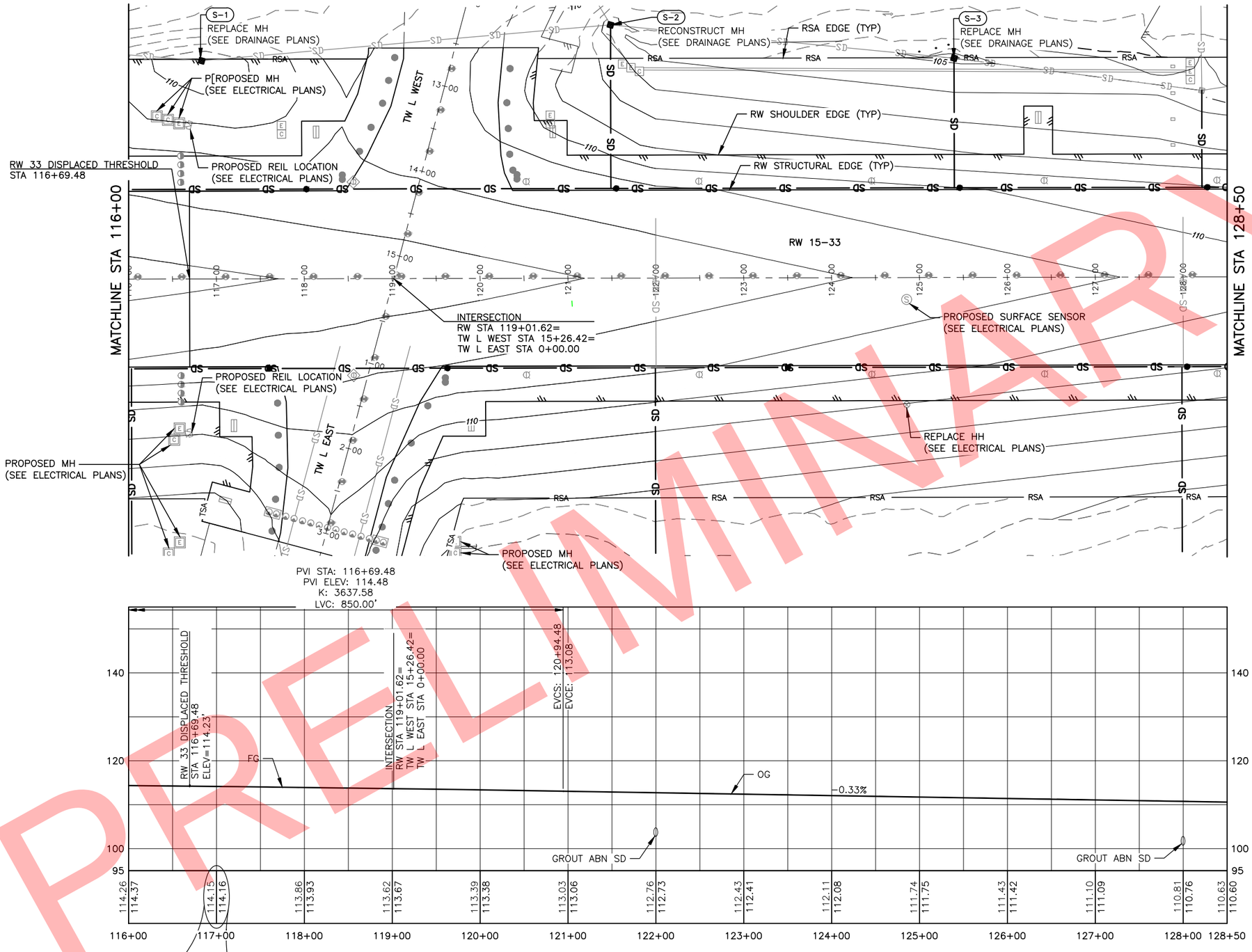
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY PLAN & PROFILE
STA 104+50 TO 116+00

DATE: 2/13/2018
SHEET: 36 OF 123

Designed By:	TC/MR/AD
Drawn By:	RKB
Checked By:	JRB
Date Revised:	2/13/2018, 5:12 PM
Layout Name:	108+00 TO 116+00
File Path and Name:	W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Plan & Profiles.dwg

PRELIMINARY



PRELIMINARY

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB

Date Revised: 2/13/2018, 5:12 PM
Layout Name: 116+00 TO 128+50
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Plan & Profiles.dwg

STATE OF ALASKA 49TH
Jenelle R Brinkman
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BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
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ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY PLAN & PROFILE
STA 116+00 TO 128+50

DATE: 2/13/2018

SHEET: 37 OF 123

PRELIMINARY

MATCHLINE STA 128+50

MATCHLINE STA 147+00

S-6 REPLACE MH (SEE DRAINAGE PLANS)

RSA EDGE (TYP)

S-7 REPLACE MH (SEE DRAINAGE PLANS)

S-9 RECONSTRUCT MH (SEE DRAINAGE PLANS)

S-8A ADJUST SS MH (SEE RW SITE PLAN)

RW SHOULDER EDGE (TYP)

PROTECT IN PLACE

RW STRUCTURAL EDGE (TYP)

CAUTION! FUEL LINE CROSSING

INTERSECTION RW STA 143+40.12= TW M STA 0+00.00

RW 15-33

INTERSECTION RW STA 134+71.11= TW W STA 20+16.98

PROPOSED SURFACE SENSOR (SEE ELECTRICAL PLANS)

PROPOSED PAPI LOCATION (SEE FAA PLANS)

ADJUST MH (SEE ELECTRICAL PLANS)

S-8B ADJUST SS MH (SEE RW SITE PLAN)

REPLACE HH (SEE ELECTRICAL PLANS)

TW W

TW M

PHASE 1 PHASE 3

STA 129+10.00

PVI STA: 140+64.23
PVI ELEV: 106.61
K: 1149.13
775.00'

BVCS: 136+76.73
BVCE: 107.89

EVCS: 144+51.73
EVCE: 107.95

-0.33%

0.35%

FG

OG

GROUT ABN SD

EXIST SD

GROUT ABN SD

EXIST UTILIDOR

EXIST SS ~20' DEEP

ABN UCOM LINE

110.63 110.60 | 110.43 110.44 | 110.14 110.11 | 109.80 109.78 | 109.45 109.45 | 109.10 109.12 | 108.80 108.79 | 108.49 108.47 | 108.17 108.14 | 107.87 107.81 | 107.63 107.55 | 107.39 107.37 | 107.31 107.28 | 107.33 107.28 | 107.41 107.36 | 107.57 107.53 | 107.81 107.79 | 108.11 108.12 | 108.51 108.47 | 108.79 108.81

128+50 129+00 130+00 131+00 132+00 133+00 134+00 135+00 136+00 137+00 138+00 139+00 140+00 141+00 142+00 143+00 144+00 145+00 146+00 147+00

140 120 100 95

ORIGINAL GROUND ELEVATION

FINISHED GRADE ELEVATION

109.45 109.45

132+00

60' 30' 0 60' 120'

HORIZONTAL SCALE
VERTICAL SCALE = 1:5

STATE OF ALASKA 49TH

Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

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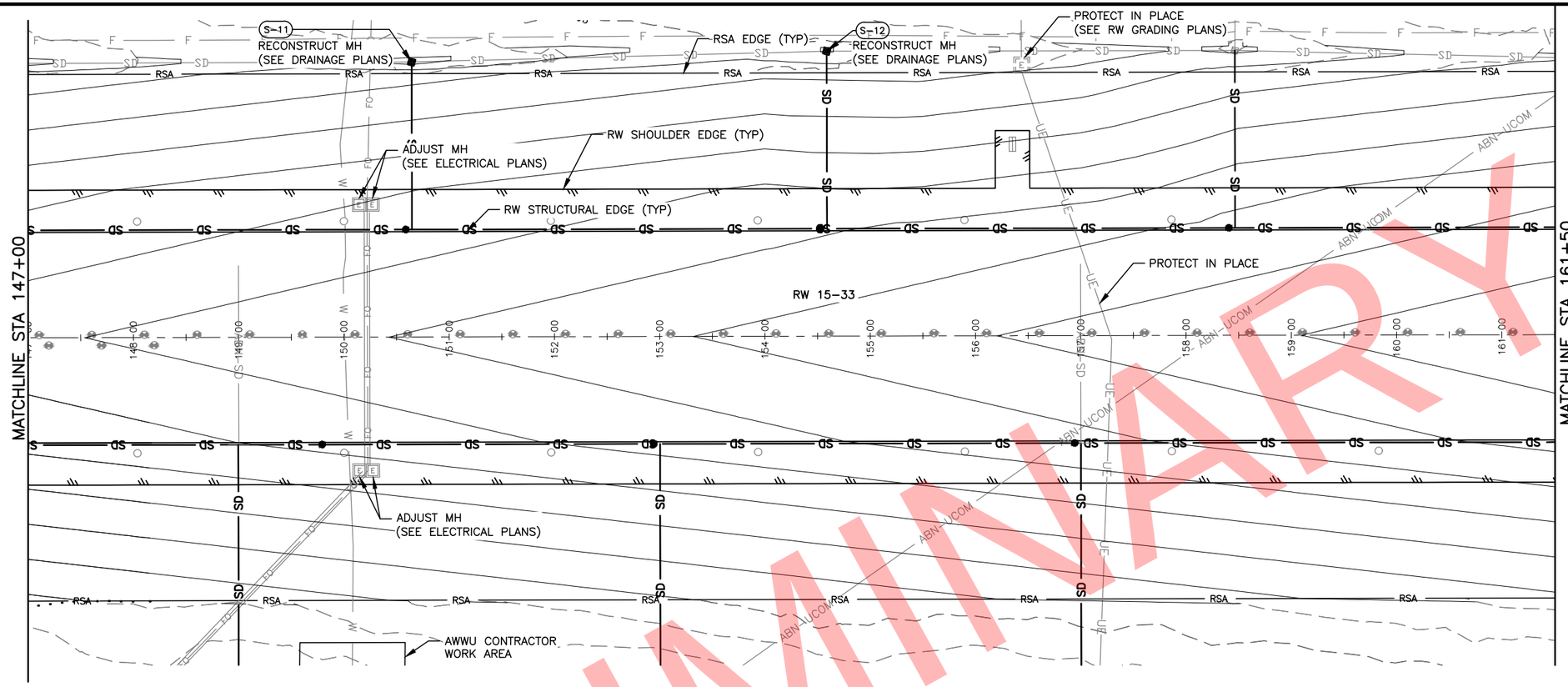
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY PLAN & PROFILE
STA 128+50 TO 147+00

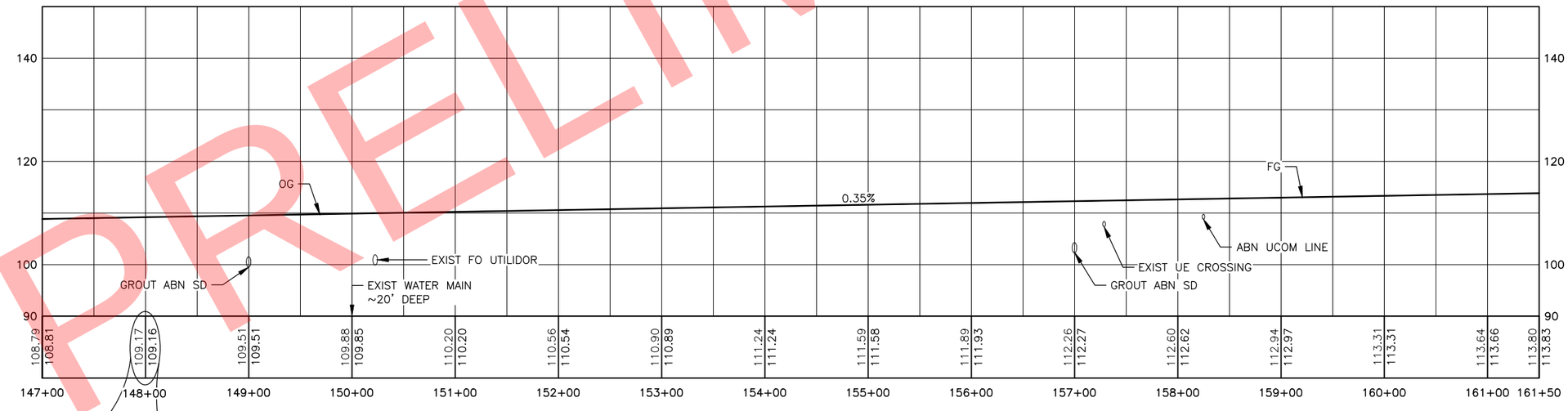
DATE: 2/13/2018

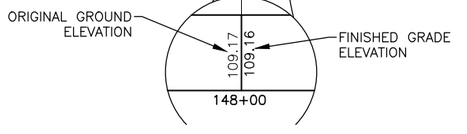
SHEET: 38 OF 123

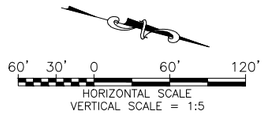
Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB

Date Revised:
Layout Name: 128+50 TO 147+00
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Plan & Profiles.dwg
2/13/2018, 5:13 PM









BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
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RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY PLAN & PROFILE
STA 147+00 TO 161+50

DATE: 2/13/2018

SHEET: 39 OF 123

Designed By:	TC/MR/AD
Drawn By:	RKB
Checked By:	JRB
Date Revised:	2/13/2018, 5:13 PM
Layout Name:	147+00 TO 161+50
File Path and Name:	W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Plan & Profiles.dwg

PRELIMINARY

MATCHLINE STA 161+50

MATCHLINE STA 180+00

S-16
RECONSTRUCT MH
(SEE DRAINAGE PLANS)

F-1
ADJUST FUEL CP TEST STATION
(SEE RW SITE PLAN)

RW SHOULDER EDGE (TYP)

RW STRUCTURAL EDGE (TYP)

S-17
RECONSTRUCT MH
(SEE DRAINAGE PLANS)

RSA EDGE (TYP)

S-18
RECONSTRUCT MH
(SEE DRAINAGE PLANS)

TW U WEST

TW U EAST

RW 15-33

INTERSECTION
RW STA 170+22.05=
TW U WEST STA 15+08.51=
TW U EAST STA 0+00.00

CAUTION!
FUEL LINE
CROSSING

PROTECT FUEL LINE IN PLACE
PER DETAIL ON SHEET 17

PVI STA: 166+54.62
PVI ELEV: 115.58
K: 1068.78
LVC: 250.00'

BVCS: 165+29.62
BVCE: 115.15

EVCS: 167+79.62
EVCE: 116.30

FG

0.35%

0.58%

EXIST FUEL LINE

GROUT ABN SD

OG

GROUT ABN SD

161+50	162+00	163+00	164+00	165+00	166+00	167+00	168+00	169+00	170+00	171+00	172+00	173+00	174+00	175+00	176+00	177+00	178+00	179+00	180+00
113.80	113.83	113.99	114.00	114.33	114.35	114.67	114.70	115.10	115.04	115.47	115.41	115.85	115.87	116.39	116.42	116.96	117.00	117.56	117.58	118.12	118.16	118.71	118.74	119.23	119.32	119.81	119.90	120.45	120.48	121.04	121.06	121.70	121.64	122.19	122.22	122.76	122.80	123.35	123.38

ORIGINAL GROUND ELEVATION

FINISHED GRADE ELEVATION

114.67
114.70
164+00

60' 30' 0 60' 120'
HORIZONTAL SCALE
VERTICAL SCALE = 1:5

STATE OF ALASKA 49TH
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TED STEVENS ANCHORAGE
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RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY PLAN & PROFILE
STA 161+50 TO 180+00

DATE: 2/13/2018

SHEET: 40 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: 2/13/2018, 5:14 PM
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Plan & Profiles.dwg

PRELIMINARY

PRELIMINARY

MATCHLINE STA 180+00

MATCHLINE STA 198+50

S-22 RECONSTRUCT MH (SEE DRAINAGE PLANS)

S-23 RECONSTRUCT MH (SEE DRAINAGE PLANS)

S-24 RECONSTRUCT MH (SEE DRAINAGE PLANS)

RSA EDGE (TYP)

RW SHOULDER EDGE (TYP)

RW STRUCTURAL EDGE (TYP)

RW 15-33

TW T WEST

TW T EAST

INTERSECTION
RW STA 186+62.60=
TW T WEST STA 15+08.52=
TW T EAST STA 0+00.00

STA 183+87.60

STA 189+37.60

PHASE 3 PHASE 4

PHASE 4 PHASE 3

PVI STA: 194+12.70
PVI ELEV: 131.58
K: 2178.13
LVC: 200.00'

BVCS: 193+12.70
BVCE: 131.00

EVCS: 195+12.70
EVCE: 132.06

0.58%

0.49%

FG

OG

GROUT ABN SD

GROUT ABN SD

GROUT ABN SD

180+00	181+00	182+00	183+00	184+00	185+00	186+00	187+00	188+00	189+00	190+00	191+00	192+00	193+00	194+00	195+00	196+00	197+00	198+00	198+50
123.35	123.96	124.53	125.09	125.74	126.35	126.90	127.44	127.99	128.52	129.07	129.66	130.24	130.79	131.37	131.83	132.34	132.85	133.36	133.54
123.38	123.96	124.54	125.12	125.70	126.28	126.86	127.44	128.02	128.60	129.18	129.76	130.34	130.92	131.48	132.00	132.49	132.98	133.47	133.71

160 140 120 100

ORIGINAL GROUND ELEVATION — 125.09

FINISHED GRADE ELEVATION — 125.12

183+00

60' 30' 0 60' 120'

HORIZONTAL SCALE
VERTICAL SCALE = 1:5

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY PLAN & PROFILE
STA 180+00 TO 198+50

DATE: 2/13/2018

SHEET: 41 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: 180+00 TO 198+50
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Plan & Profiles.dwg
2/13/2018, 5:15 PM

MATCHLINE STA 198+50

MATCHLINE STA 217+00

S-28 RECONSTRUCT MH (SEE DRAINAGE PLANS)

S-29 RECONSTRUCT MH (SEE DRAINAGE PLANS)

PROPOSED PAPI LOCATION (SEE FAA PLANS)

S-36 PROPOSED MH (SEE DRAINAGE PLANS)

RSA EDGE (TYP)

S-37 PROPOSED MH (SEE DRAINAGE PLANS)

S-38 PROPOSED MH (SEE DRAINAGE PLANS)

GATE N60 ACCESS ROAD

RW SHOULDER EDGE (TYP)

RW STRUCTURAL EDGE (TYP)

ADJUST MH (SEE ELECTRICAL PLANS)

TW S WEST

TW S EAST

RW 15-33

INTERSECTION
RW STA 203+09.87=
TW S WEST STA 15+08.53=
TW S EAST STA 0+00.00

PROPOSED SURFACE SENSOR (SEE ELECTRICAL PLANS)

ADJUST MH (SEE ELECTRICAL PLANS)

REPLACE HH (SEE ELECTRICAL PLANS)

ABN-UE

ABN-SD

SS

SD

RSA

TSA

FG

OG

0.49%

GROUT ABN SD

EXIST UE CROSSING

ABN UE CROSSING

EXIST FO CROSSING

EXIST SS CROSSING ~75' DEEP

198+50	199+00	200+00	201+00	202+00	203+00	204+00	205+00	206+00	207+00	208+00	209+00	210+00	211+00	212+00	213+00	214+00	215+00	216+00	217+00
133.54	133.71	133.88	133.95	134.35	134.44	134.92	134.93	135.39	135.42	135.90	135.91	136.40	136.39	136.87	136.88	137.37	137.37	137.85	137.86	138.33	138.35	138.81	138.84	139.28	139.32	139.76	139.81	140.31	140.30	140.77	140.79	141.29	141.28	141.76	141.76	142.26	142.25	142.73	142.74

ORIGINAL GROUND ELEVATION

FINISHED GRADE ELEVATION

134.92 134.93

201+00

60' 30' 0 60' 120'

HORIZONTAL SCALE
VERTICAL SCALE = 1:5

PRELIMINARY

STATE OF ALASKA 49TH

Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
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TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY PLAN & PROFILE
STA 198+50 TO 217+00

DATE: 2/13/2018

SHEET: 42 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: 198+50 TO 217+00
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Plan & Profiles.dwg
2/13/2018, 5:15 PM

MATCHLINE STA 217+00

PROPOSED MH (SEE ELECTRICAL PLANS)

RSA EDGE (TYP)

RW SHOULDER EDGE (TYP)

RW STRUCTURAL EDGE (TYP)

INTERSECTION
RW STA 220+28.48=
TW Q STA 0+00.00

RW 15-33

RW 15 THRESHOLD
STA 220+69.48

END BLASTPAD
STA 224+69.48

PROPOSED MALSF SYSTEM (SEE ELECTRICAL AND FAA PLANS)

END RSA
STA 230+69.48

PROTECT IN PLACE (SEE RW GRADING PLANS)

EOP
STA 234+68.48

MALSF PAD

PROTECT IN PLACE POTHOLE PER G-150

TW Q

TSA

RSA

UE

PVI STA: 223+19.48
PVI ELEV: 144.54
K: 138.92
LVC: 100.00'

PVI STA: 227+99.48
PVI ELEV: 148.00
K: 455.71
LVC: 540.00'

INTERSECTION
RW STA 220+28.48=
TW Q STA 0+00.00

RW 15 THRESHOLD
STA 220+69.48
ELEV=144.55

GRADE BREAK

BVCS: 222+69.48
BVCE: 144.54

EVCS: 223+69.48
EVCE: 144.90

STA 223+85.50
MATCH EXIST

END BLASTPAD
STA 224+69.48

BVCS: 225+29.48
BVCE: 146.06

EVCS: 230+69.48
EVCE: 153.141.48

EOP
STA 234+69.48

FG

OG

0.49%

0.00%

0.72%

MALSF LIGHTBAR INSTALLATION BY FAA CONTRACTOR

FUEL CROSSING

EXIST UE CROSSINGS

EXIST UCOM CROSSING

EXIST FO CROSSING

EXIST GAS CROSSING

ABN UCOM CROSSING

EXIST UE CROSSING

EXIST UCOM CROSSING

217+00	218+00	219+00	220+00	221+00	222+00	223+00	224+00	225+00	226+00	227+00	228+00	229+00	230+00	231+00	232+00	233+00	234+00	235+00
142.73	143.24	143.68	144.21	144.60	144.89	144.90	145.32	145.93	146.56	147.71	148.82	150.38	151.82	153.33	153.96	141.41	134.34	128.30
142.74	143.23	143.72	144.21	144.54	144.54	144.58	145.12	145.84	146.62	147.60	148.81	150.23	151.87					

ORIGINAL GROUND ELEVATION

FINISHED GRADE ELEVATION

144.21
114.21

220+00

60' 30' 0 60' 120'

HORIZONTAL SCALE
VERTICAL SCALE = 1:5

STATE OF ALASKA 49TH
Jenelle R Brinkman
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BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
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TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY PLAN & PROFILE
STA 217+00 TO 235+00

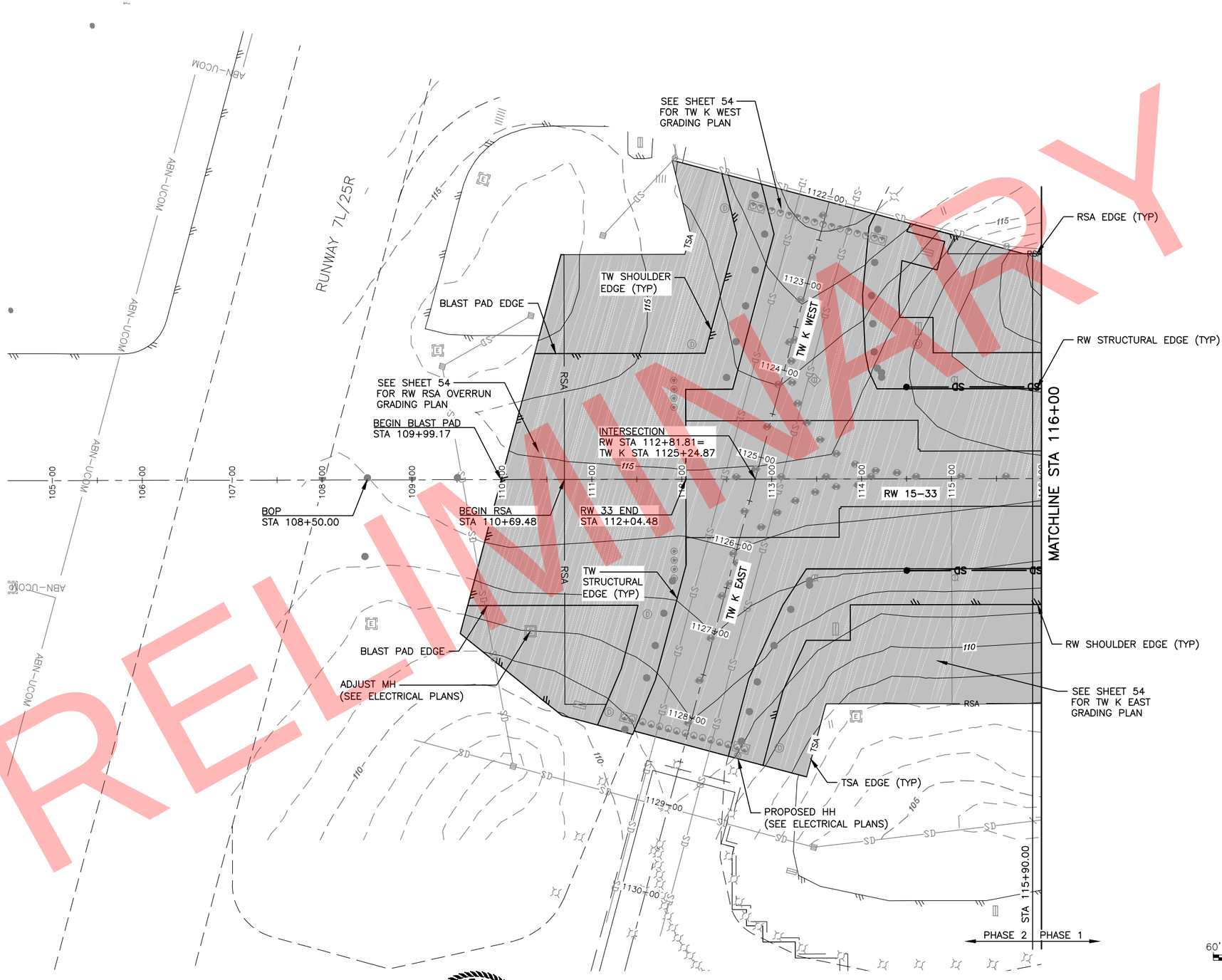
DATE: 2/13/2018

SHEET: 43 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB

Date Revised: 2/13/2018, 5:16 PM
Layout Name: 217+00 TO 235+00
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Plan & Profiles.dwg

PRELIMINARY



PRELIMINARY

LEGEND

TAXIWAY GRADING
(SEE TAXIWAY GRADING PLANS)

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

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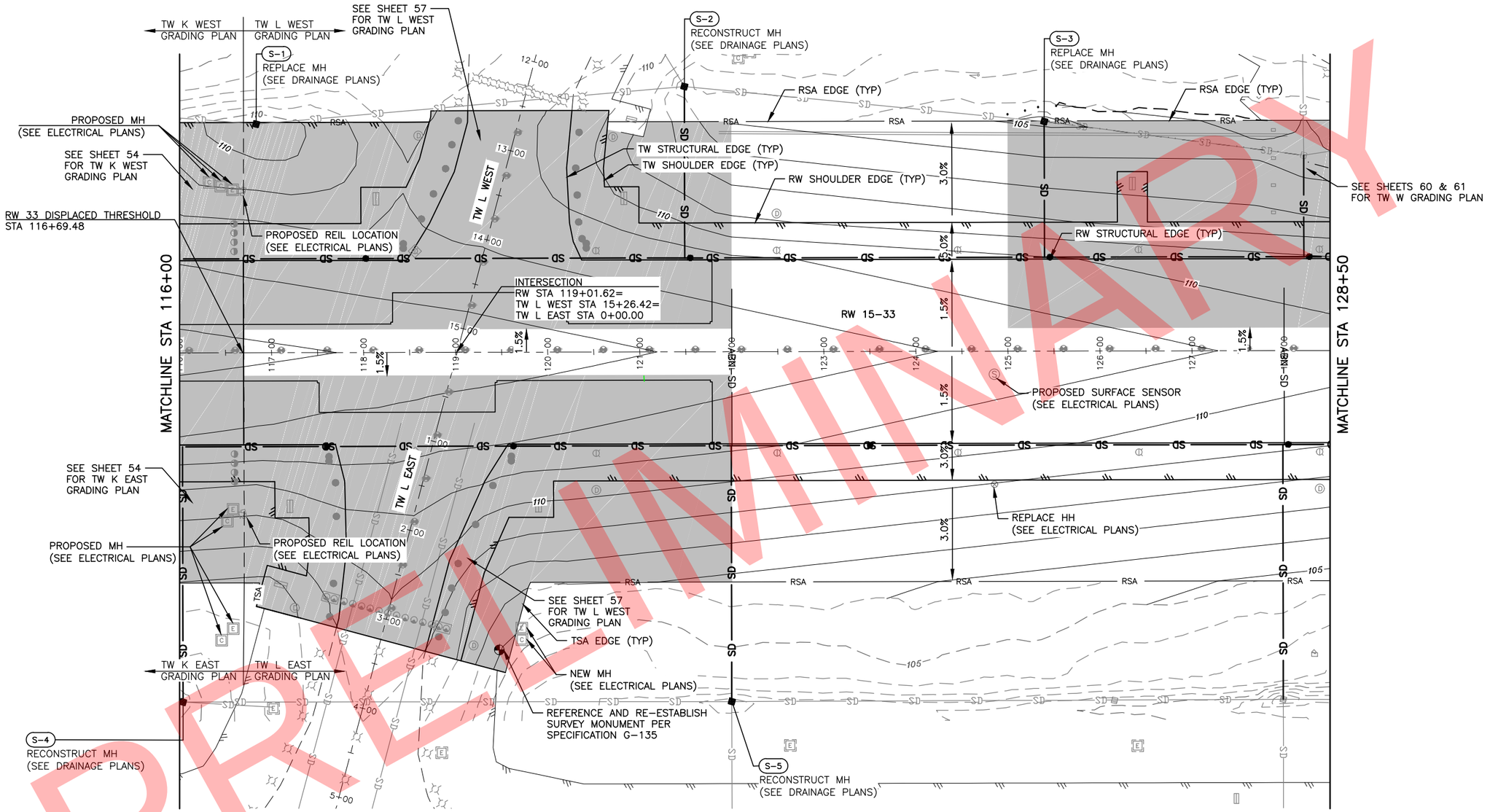
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY GRADING PLAN
STA 104+50 TO 116+00

DATE: 2/13/2018
SHEET: 44 OF 123

Designed By:	TC/MR/AD
Drawn By:	RKB
Checked By:	JRB
Date Revised:	2/13/2018, 5:17 PM
Layout Name:	108+00 TO 116+00
File Path and Name:	W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - RW Grading.dwg



PRELIMINARY

LEGEND

TAXIWAY GRADING (SEE TAXIWAY GRADING PLANS)

60' 30' 0 60' 120'
HORIZONTAL SCALE

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
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ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY GRADING PLAN
STA 116+00 TO 128+50

DATE: 2/13/2018
SHEET: 45 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 5:17 PM
Layout Name: 116+00 TO 128+50
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - RW Grading.dwg

MATCHLINE STA 128+50

MATCHLINE STA 147+00

SEE SHEETS 60 & 61
FOR TW W GRADING PLAN

S-6
RECONSTRUCT MH
(SEE DRAINAGE PLANS)

S-7
RECONSTRUCT MH
(SEE DRAINAGE PLANS)

S-9
RECONSTRUCT MH
(SEE DRAINAGE PLANS)

RSA EDGE (TYP)

PROTECT IN PLACE

S-8A
ADJUST SS MH
(SEE RW SITE PLAN)

CAUTION!
FUEL LINE
CROSSING

RW SHOULDER EDGE (TYP)

RW STRUCTURAL EDGE (TYP)

INTERSECTION
RW STA 134+71.11=
TW W STA 20+16.98

RW 15-33

INTERSECTION
RW STA 143+40.12=
TW M STA 0+00.00

PROPOSED SURFACE SENSOR
(SEE ELECTRICAL PLANS)

PROPOSED PAPI LOCATION
(SEE FAA PLANS)

TW W

TW M

S-8B
ADJUST SS MH
(SEE RW SITE PLAN)

REPLACE HH
(SEE
ELECTRICAL
PLANS)

ADJUST MH
(SEE ELECTRICAL PLANS)

S-10
RECONSTRUCT MH
(SEE DRAINAGE PLANS)

SEE SHEETS 64
FOR TW M GRADING PLAN

STA 129+10.00

PHASE 1 PHASE 3

PRELIMINARY

LEGEND

TAXIWAY GRADING
(SEE TAXIWAY GRADING PLANS)

60' 30' 0 60' 120'
HORIZONTAL SCALE

STATE OF ALASKA
49 TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
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AND PUBLIC FACILITIES
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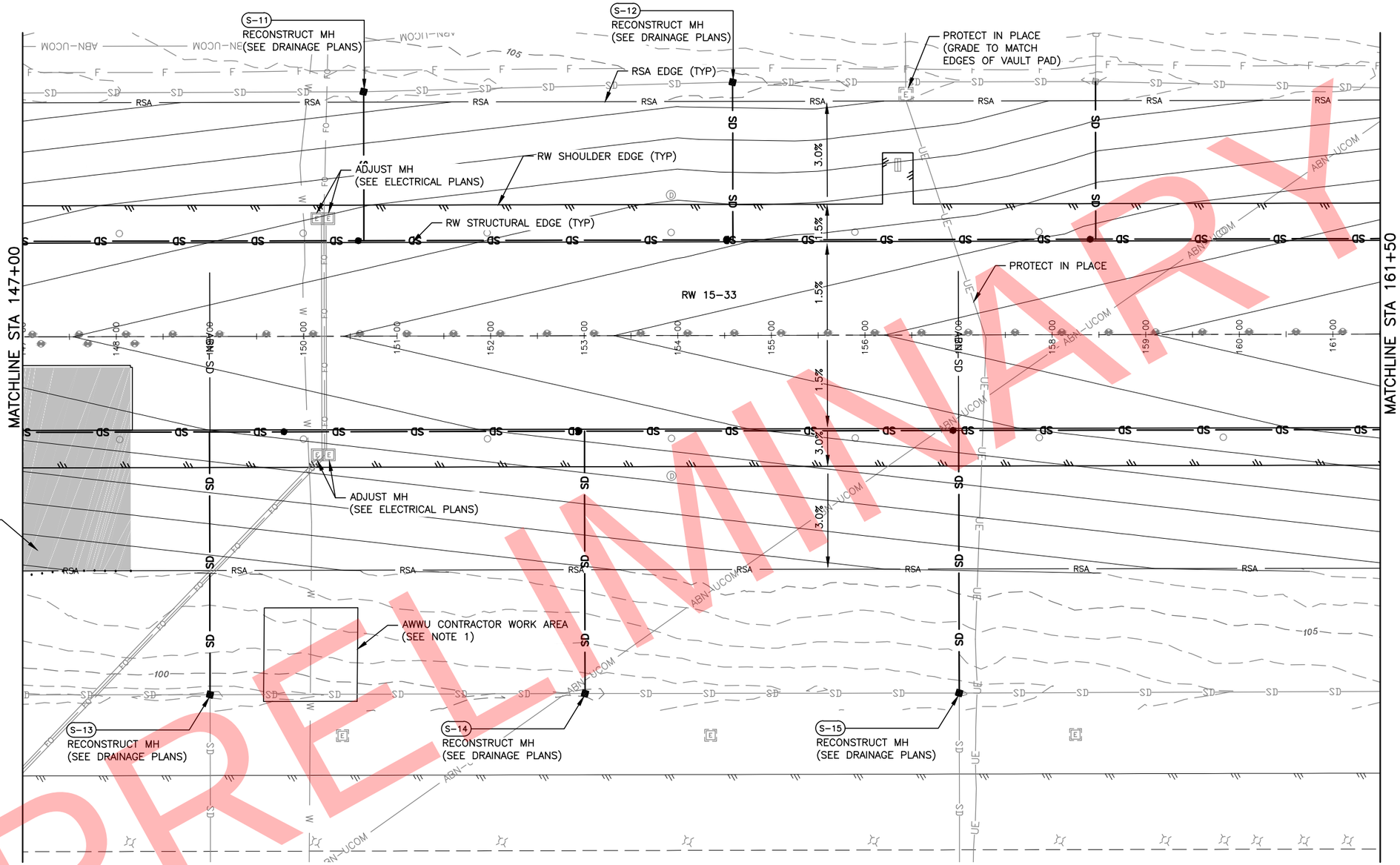
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY GRADING PLAN
STA 128+50 TO 147+00

DATE: 2/13/2018

SHEET: 46 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 5:18 PM
Layout Name: 128+50 TO 147+00
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - RW Grading.dwg



PRELIMINARY

LEGEND

TAXIWAY GRADING
(SEE TAXIWAY GRADING PLANS)

NOTES:

1. CONTRACTOR SHALL PROVIDE ACCESS TO THE AWWU CONTRACTOR WORK AREA THROUGH THE RUNWAY PROJECT AREA

60' 30' 0 60' 120'
HORIZONTAL SCALE

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
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TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY GRADING PLAN
STA 147+00 TO 161+50

DATE: 2/13/2018
SHEET: 47 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: 147+00 TO 161+50
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - RW Grading.dwg
2/13/2018, 5:18 PM

PRELIMINARY

MATCHLINE STA 161+50

MATCHLINE STA 180+00

S-16
RECONSTRUCT MH
(SEE DRAINAGE PLANS)

S-17
RECONSTRUCT MH
(SEE DRAINAGE PLANS)

S-18
RECONSTRUCT MH
(SEE DRAINAGE PLANS)

S-19
RECONSTRUCT MH
(SEE DRAINAGE PLANS)

S-20
RECONSTRUCT MH
(SEE DRAINAGE PLANS)

S-21
RECONSTRUCT MH
(SEE DRAINAGE PLANS)

F-1
ADJUST FUEL
CP TEST STATION
(SEE RW SITE PLAN)

RW SHOULDER EDGE (TYP)

RW STRUCTURAL EDGE (TYP)

RSA EDGE (TYP)

PROTECT FUEL LINE IN PLACE
PER DETAIL ON SHEET 17

CAUTION!
FUEL LINE
CROSSING

SEE SHEET 67
TW U WEST
GRADING PLAN

SEE SHEET 67
FOR TW U EAST
GRADING PLAN

TW U WEST

TW U EAST

RW 15-33

INTERSECTION
RW STA 170+22.05=
TW U WEST STA 15+08.51=
TW I EAST STA 0+00.00

RSA

SD

3.0%

1.5%

ABN-SD

TSA

LEGEND

TAXIWAY GRADING
(SEE TAXIWAY GRADING PLANS)

60' 30' 0 60' 120'
HORIZONTAL SCALE

STATE OF ALASKA
49 TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

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CENTRAL REGION
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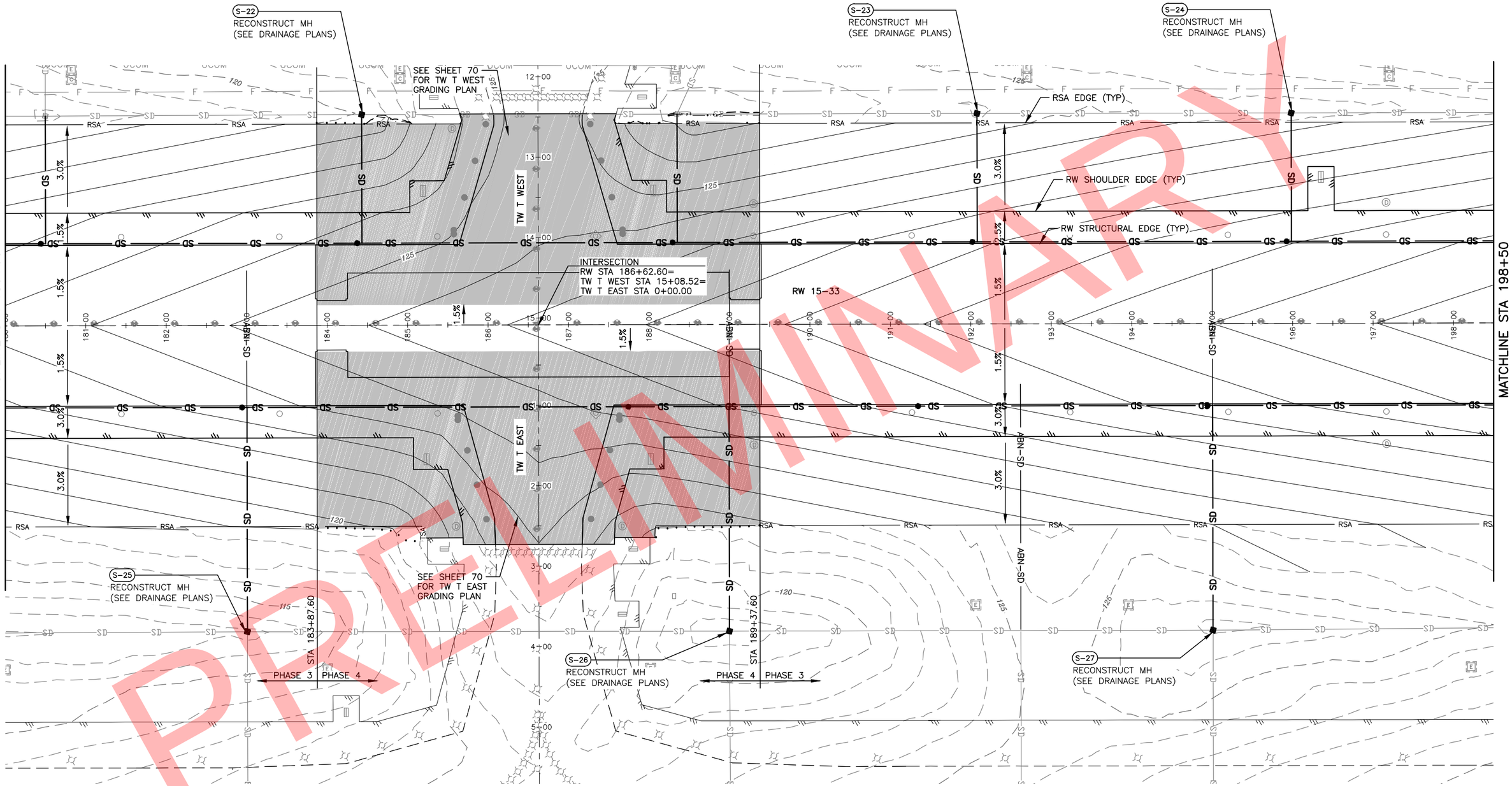
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY GRADING PLAN
STA 161+50 TO 180+00

DATE: 2/13/2018

SHEET: 48 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 5:19 PM
Layout Name: 161+50 TO 180+00
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - RW Grading.dwg



PRELIMINARY

LEGEND

TAXIWAY GRADING
(SEE TAXIWAY GRADING PLANS)

60' 30' 0 60' 120'
HORIZONTAL SCALE

STATE OF ALASKA 49TH
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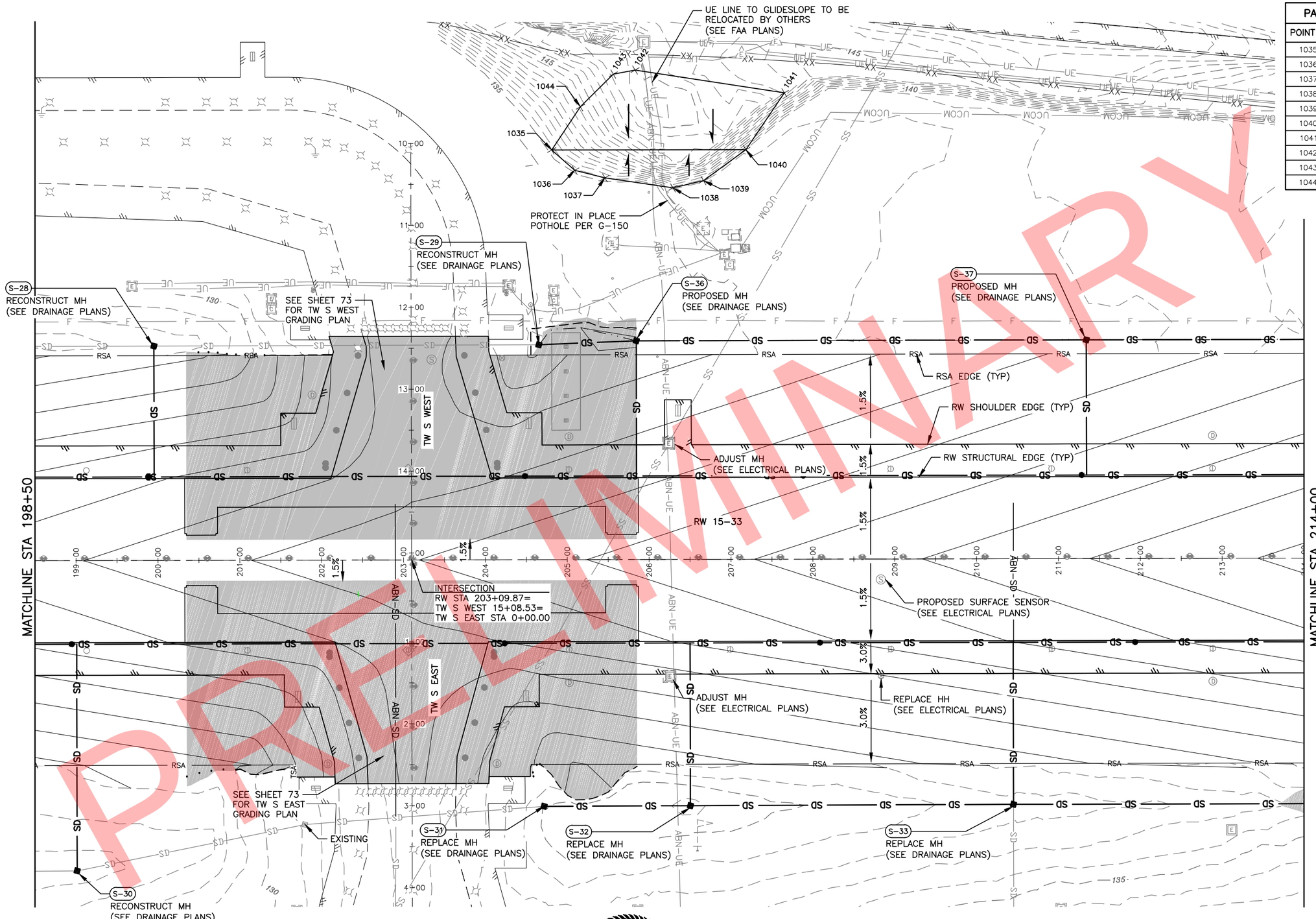
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY GRADING PLAN
STA 180+00 TO 198+50

DATE: 2/13/2018
SHEET: 49 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 5:19 PM
Layout Name: 180+00 TO 198+50
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - RW Grading.dwg

PART 77 GRADING SCHEDULE			
POINT #	STATION	OFFSET	ELEVATION
1035	204+81.99	500.00L	135.533
1036	205+10.11	475.29L	135.427
1037	205+46.87	465.94L	136.112
1038	206+30.10	453.50L	136.518
1039	206+67.33	462.31L	136.336
1040	207+19.23	500.00L	136.758
1041	207+66.30	569.34L	146.944
1042	205+84.01	597.50L	150.172
1043	205+57.35	592.51L	149.352
1044	205+17.05	552.90L	143.276



PRELIMINARY

LEGEND

TAXIWAY GRADING (SEE TAXIWAY GRADING PLANS)

60' 30' 0 60' 120'
HORIZONTAL SCALE

STATE OF ALASKA 49TH
Jenelle R Brinkman CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY GRADING PLAN
STA 198+50 TO 214+00

DATE: 2/13/2018
SHEET: 50 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: 198+50 TO 217+00
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - RW Grading.dwg
2/13/2018, 5:20 PM

PART 77 GRADING SCHEDULE				PART 77 GRADING SCHEDULE			
POINT #	STATION	OFFSET	ELEVATION	POINT #	STATION	OFFSET	ELEVATION
1061	216+25.00	527.05L	143.646	1070	217+25.00	511.59L	142.375
1065	217+00.00	515.89L	142.814	1071	217+47.72	507.48L	142.459
1066	216+50.00	523.69L	143.691	1072	218+25.00	494.86L	143.325
1067	216+75.00	520.09L	143.512	1073	218+50.16	494.49L	142.709
1068	218+00.00	498.08L	143.170	1074	218+85.03	496.49L	141.300
1069	217+75.00	502.56L	142.690	1075	218+75.00	495.86L	141.716

GATE N60
ACCESS ROAD

PART 77 GRADING
NORTHWEST AREA

20'

2
26

PROPOSED MH
(SEE ELECTRICAL PLANS)

MATCH EXIST

MATCH EXIST

S-38
PROPOSED MH
(SEE DRAINAGE PLANS)

PROPOSED MH
(SEE ELECTRICAL PLANS)

RSA EDGE (TYP)

PROTECT IN PLACE
(SEE RW GRADING PLANS)

PROPOSED MH
(SEE ELECTRICAL PLANS)

PROPOSED MH
(SEE ELECTRICAL PLANS)

RW SHOULDER EDGE (TYP)

RW STRUCTURAL EDGE (TYP)

RW 15-33

RW 15 THRESHOLD
STA 220+69.48

INTERSECTION
RW STA 220+28.48=
TW Q STA 0+00.00

END BLAST PAD
STA 224+69.48

PROPOSED MH
(SEE ELECTRICAL PLANS)

PROPOSED MALSF SYSTEM
(SEE ELECTRICAL
AND FAA PLANS)

PROPOSED MH
(SEE ELECTRICAL PLANS)

EOP
STA 231+00

MALSF PAD

END RSA
STA 230+69.48

PROTECT IN PLACE
POTHOLE PER G-150

S-35
PROPOSED MH
(SEE DRAINAGE PLANS)

SEE SHEET 78
FOR TW Q & R
GRADING PLAN

MATCHLINE STA 214+00

PRELIMINARY

LEGEND

TAXIWAY GRADING
(SEE TAXIWAY GRADING PLANS)

60' 30' 0 60' 120'
HORIZONTAL SCALE

STATE OF ALASKA
49 TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
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CENTRAL REGION
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TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY GRADING PLAN
STA 214+00 TO 231+00

DATE: 2/13/2018

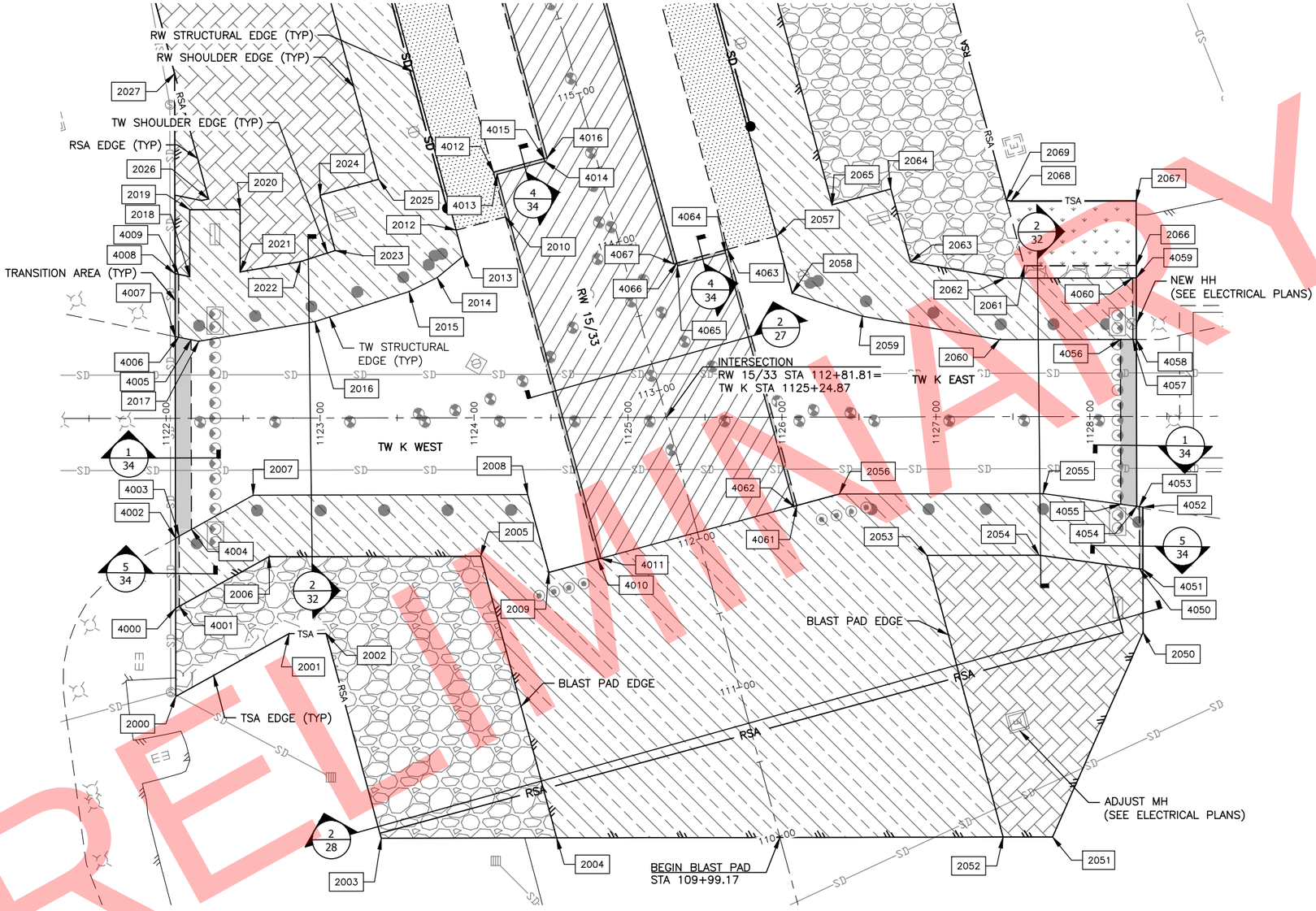
SHEET: 51 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB

Date Revised:
Layout Name: 214+00 TO 231+00
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - RW Grading.dwg

2/13/2018, 5:21 PM

TW K WEST SITE PLAN SCHEDULE		
POINT	STATION	OFFSET
2000	1122+06.02	180.56R
2001	1122+79.60	140.00R
2002	1123+03.58	140.00R
2003	1123+39.23	273.00R
2004	1124+53.12	273.00R
2005	1124+04.06	90.00R
2006	1122+66.73	90.00R
2007	1122+56.43	50.00R
2008	1124+34.75	50.00R
2009	1124+48.31	100.59R
2010	1124+20.62	130.45L
2012	1123+88.67	121.89L
2013	1123+93.19	105.00L
2014	1123+76.24	91.00L
2015	1123+57.95	82.00L
2016	1122+96.87	62.68L
2017	1122+21.35	49.96L
2018	1122+15.62	91.98L
2019	1122+15.62	135.49L
2020	1122+48.28	135.49L
2021	1122+48.28	95.06L
2022	1122+87.47	101.66L
2023	1123+09.98	108.78L
2024	1123+00.34	144.72L
2025	1123+38.40	154.93L
2026	1122+27.89	142.33L
2027	1122+06.02	223.92L



TW K EAST SITE PLAN SCHEDULE		
POINT	STATION	OFFSET
2050	1128+34.21	140.26R
2051	1127+75.13	273.00R
2052	1127+43.00	273.00R
2053	1126+93.94	90.00R
2054	1127+66.66	90.00R
2055	1127+69.41	50.00R
2056	1126+37.02	50.00R
2057	1125+96.86	117.65L
2058	1126+06.82	80.50L
2059	1126+52.25	65.50L
2060	1127+41.30	50.00L
2061	1127+57.43	98.00L
2062	1127+44.76	90.00L
2063	1126+83.62	100.64L
2064	1126+70.90	148.12L
2065	1126+32.84	137.92L
2066	1128+30.21	98.00L
2067	1128+30.21	140.00L
2068	1127+49.08	140.00L
2069	1127+46.02	140.53L

TW K WEST TRANSITION SCHEDULE		
POINT	STATION	OFFSET
4000	1122+06.02	123.47R
4001	1122+08.35	122.13R
4002	1122+06.02	77.79R
4003	1122+08.35	76.51R
4004	1122+16.35	72.10R
4005	1122+16.35	50.99L
4006	1122+08.35	52.64L
4007	1122+06.02	53.12L
4008	1122+06.02	93.96L
4009	1122+08.35	93.48L
4010	1124+80.26	92.03R
4011	1124+82.19	91.51R
4012	1124+12.85	159.43L
4013	1124+15.30	158.02L
4014	1124+46.37	166.35L
4015	1124+45.85	168.28L
4016	1124+47.79	168.80L

TW K EAST TRANSITION SCHEDULE		
POINT	STATION	OFFSET
4050	1128+31.88	99.00R
4051	1128+34.21	99.33R
4052	1128+34.21	58.95R
4053	1128+31.88	58.62R
4054	1128+30.21	58.39R
4055	1128+19.88	56.97R
4056	1128+19.88	50.00L
4057	1128+27.88	50.00L
4058	1128+30.21	50.00L
4059	1128+30.21	90.00L
4060	1128+27.88	90.00L
4061	1126+09.53	57.37R
4062	1126+07.60	57.89R
4063	1125+64.91	109.09L
4064	1125+63.49	106.64L
4065	1125+32.23	98.27L
4066	1125+31.91	100.24L
4067	1125+29.97	99.72L

LEGEND

- 2" HMA INFIELD AREA
- 4" RAP SAFETY AREA
- 4" TOPSOIL/SEEDING AREA
- 4" HMA SHOULDER AREA/ BLAST PAD EXTENSION
- 5" HMA INLAY AREA
- 5" HMA AREA
- 5" HMA STRUCTURAL WIDENING AREA
- 15" HMA AREA
- 15" HMA STRUCTURAL WIDENING AREA
- TRANSITION AREA

40 20 0' 40 80
HORIZONTAL SCALE

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

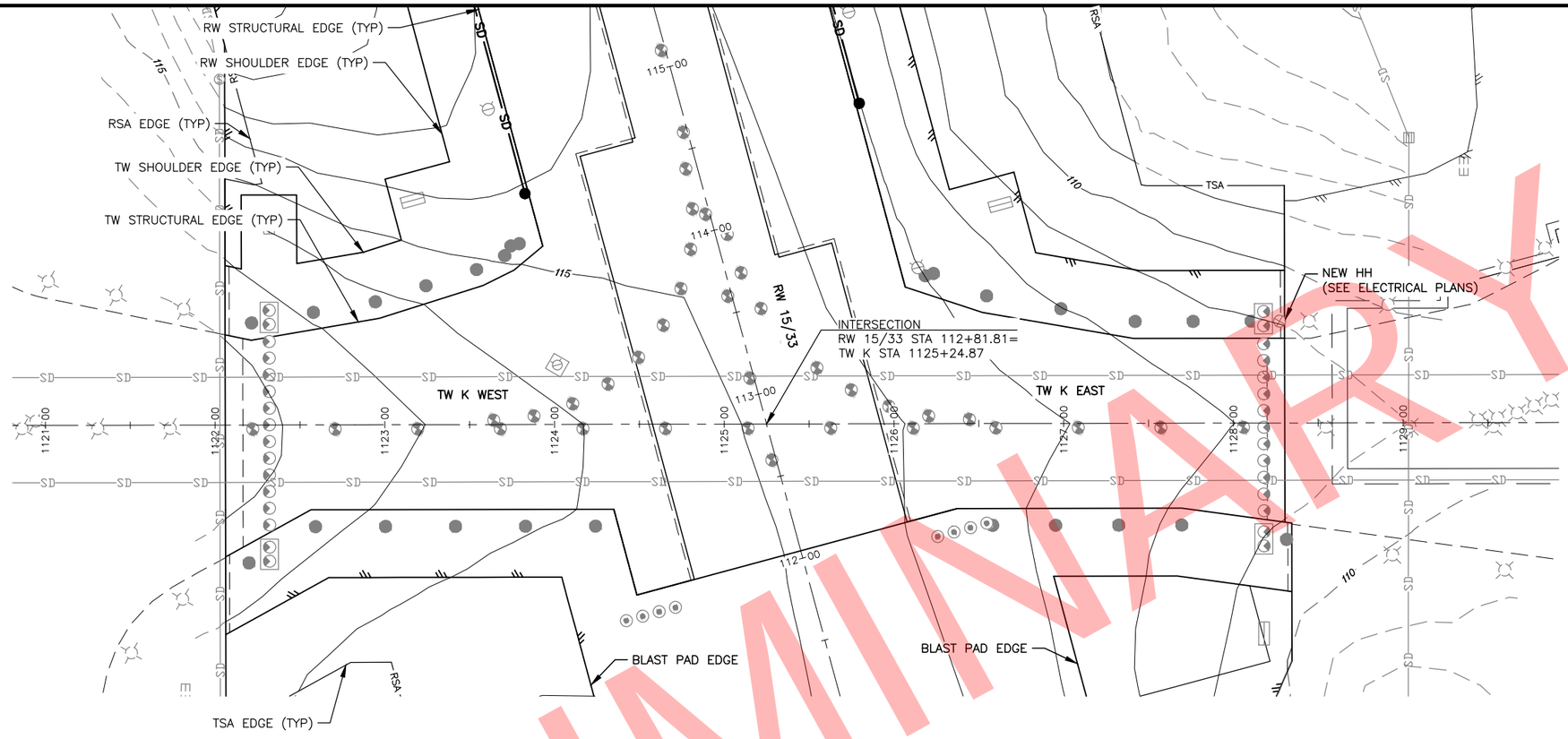
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

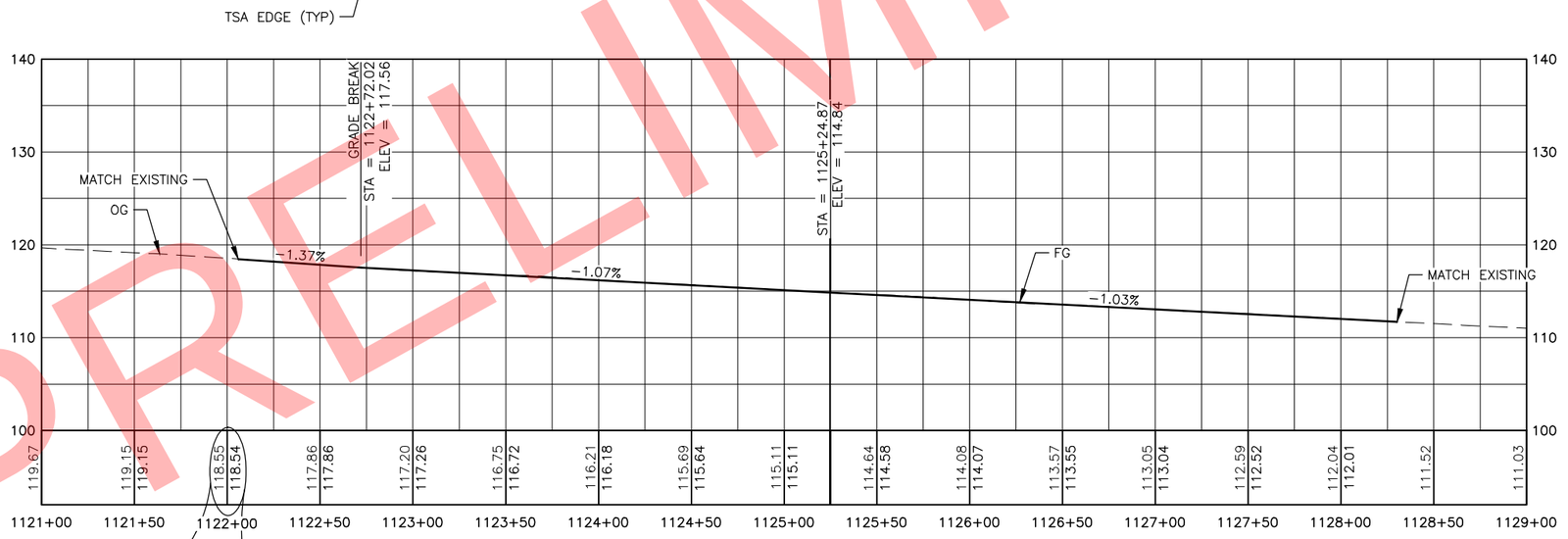
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY K SITE PLAN

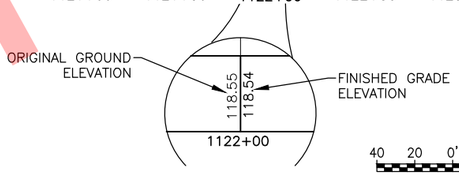
DATE: 2/13/2018
SHEET: 52 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 5:23 PM
Layout Name: K WEST
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - TW SITE.dwg

PRELIMINARY







40 20 0' 40 80

HORIZONTAL SCALE
VERTICAL SCALE 1:5

STATE OF ALASKA
49 TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY K PLAN & PROFILE

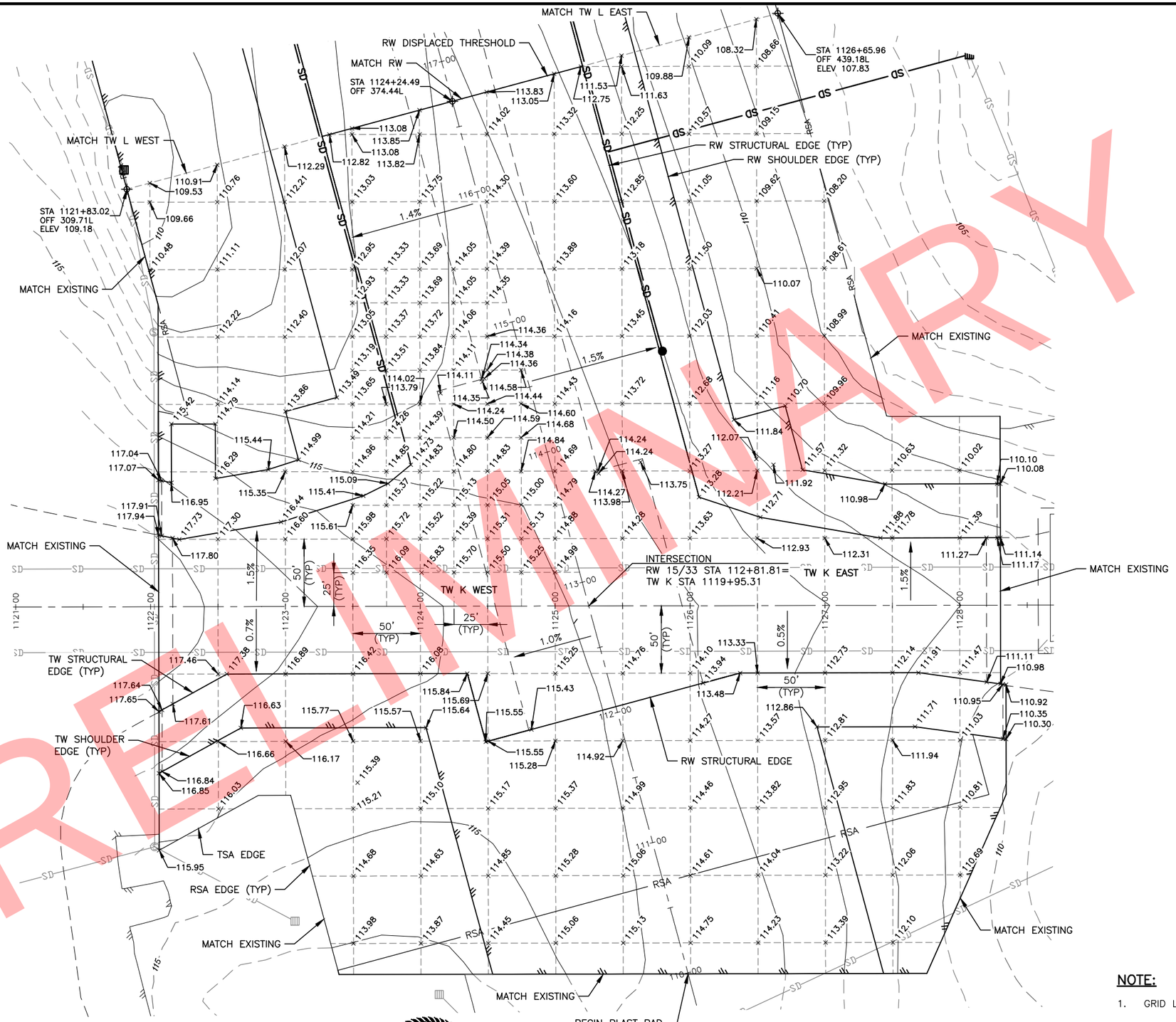
DATE: 2/13/2018

SHEET: 53 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 5:25 PM
Layout Name: K WEST
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA – TW Plan & Profiles.dwg

PRELIMINARY

Designed By:	TC/MR/AD
Drawn By:	RKB
Checked By:	JRB
Date Revised:	2/13/2018, 5:26 PM
Layout Name:	K WEST
File Path and Name:	W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Grading Plan.dwg



PRELIMINARY

NOTE:

1. GRID LAYOUT BASED ON TW K STATIONING.

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

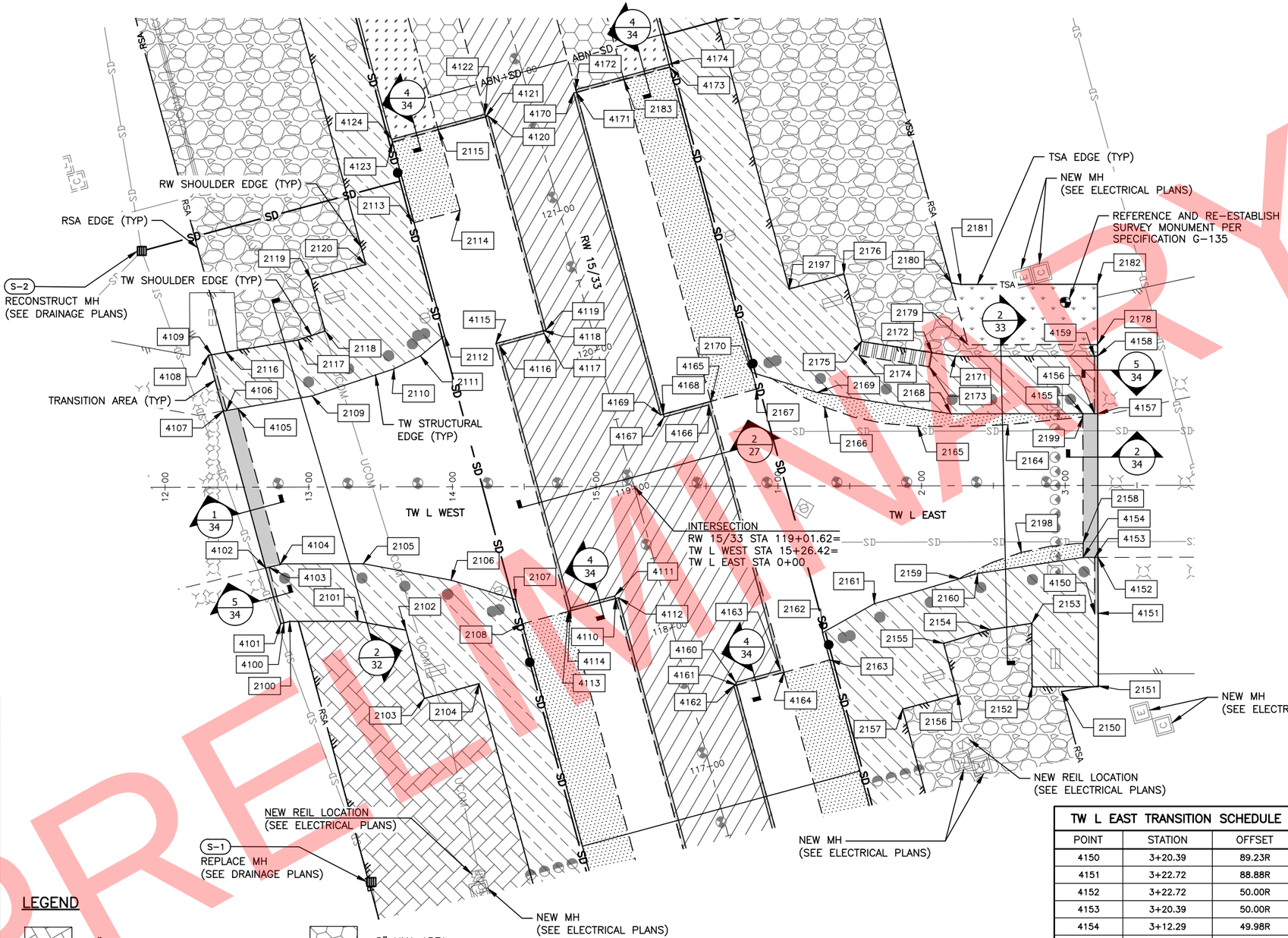
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RW RSA OVERRUN & TAXIWAY K
GRADING PLAN

DATE: 2/13/2018

SHEET: 54 OF 123

TW L WEST SITE PLAN SCHEDULE		
POINT	STATION	OFFSET
2100	12+86.63	93.40R
2101	13+34.05	93.40R
2102	13+67.42	99.74R
2103	13+80.12	147.15R
2104	14+18.18	136.96R
2105	13+37.82	53.40R
2106	13+98.90	65.00R
2107	14+43.93	78.50R
2108	14+48.46	95.43R
2109	13+02.38	63.38L
2110	13+59.51	82.00L
2111	13+77.80	91.00L
2112	13+94.76	105.00L
2113	13+73.66	183.72L
2114	14+05.62	192.29L
2115	13+90.61	248.31L
2116	12+42.45	93.85L
2117	12+92.81	102.33L
2118	13+11.63	108.46L
2119	13+01.95	144.58L
2120	13+40.01	154.78L



TW L EAST SITE PLAN SCHEDULE		
POINT	STATION	OFFSET
2150	2+97.21	143.27R
2151	3+22.72	139.44R
2152	2+76.64	139.98R
2153	2+76.62	95.80R
2154	2+47.53	100.16R
2155	2+15.10	109.61R
2156	2+24.61	145.12R
2157	1+86.56	155.32R
2158	3+12.31	39.89R
2159	2+26.34	64.67R
2160	2+38.93	61.00R
2161	1+66.91	82.00R
2162	1+30.86	102.00R
2163	1+35.93	120.94R
2164	2+60.18	42.43L
2165	1+97.37	41.46L
2166	1+32.73	54.85L
2167	0+85.42	67.58L
2168	2+20.57	50.00L
2169	1+27.52	65.00L
2170	0+82.36	79.00L
2171	2+23.78	90.00L
2172	2+07.35	92.65L
2173	2+05.76	82.78L
2174	1+56.77	90.67L
2175	1+58.36	100.55L
2176	1+46.26	147.30L
2178	3+22.72	98.00L
2179	2+32.56	98.00L
2180	2+21.01	141.09L
2181	2+27.78	140.00L
2182	3+22.72	140.00L
2183	121+76.62	66.92R
2197	1+08.20	137.10L
2198	2+69.32	46.49R
2199	3+12.39	47.70L

TW L WEST TRANSITION SCHEDULE		
POINT	STATION	OFFSET
4100	12+82.54	94.38R
4101	12+80.27	94.93R
4102	12+69.91	56.28R
4103	12+72.18	55.73R
4104	12+79.96	53.87R
4105	12+50.87	54.71L
4106	12+42.95	53.37L
4107	12+40.62	53.04L
4108	12+30.24	91.80L
4109	12+32.55	92.19L
4110	15+13.42	78.02R
4111	15+12.90	76.09R
4112	15+15.35	77.51R
4113	14+80.42	86.87R
4114	14+81.83	84.42R
4115	14+30.46	99.56L
4116	14+32.91	98.14L
4117	14+63.99	106.47L
4118	14+63.40	108.66L
4119	14+65.40	108.92L
4120	14+25.54	257.67L
4121	14+23.61	257.15L
4122	14+23.09	259.09L
4123	13+58.65	239.75L
4124	13+58.13	241.68L

TW L EAST TRANSITION SCHEDULE		
POINT	STATION	OFFSET
4150	3+20.39	89.23R
4151	3+22.72	88.88R
4152	3+22.72	50.00R
4153	3+20.39	50.00R
4154	3+12.29	49.98R
4155	3+12.39	50.00L
4156	3+20.39	49.98L
4157	3+22.72	49.98L
4158	3+22.72	90.00L
4159	3+20.39	90.00L
4160	0+70.46	136.41R
4161	0+70.97	138.34R
4162	0+69.04	138.86R

TW L EAST TRANSITION SCHEDULE		
POINT	STATION	OFFSET
4163	1+01.53	128.09R
4164	1+03.98	129.50R
4165	0+53.47	59.02L
4166	0+52.06	56.55L
4167	0+20.98	48.24L
4168	0+20.46	50.18L
4169	0+18.53	49.66L
4170	121+76.62	30.75R
4171	121+76.62	32.75R
4172	121+78.62	32.75R
4173	0+25.42	291.51L
4174	0+24.90	293.44L

LEGEND

- 2" HMA INFIELD AREA
- 4" RAP SAFETY AREA
- 4" TOPSOIL/SEEDING AREA
- 4" HMA SHOULDER AREA
- 4" HMA SHOULDER WIDENING AREA
- 5" HMA INLAY AREA
- 5" HMA AREA
- 5" HMA STRUCTURAL WIDENING AREA
- 15" HMA AREA
- 15" HMA STRUCTURAL WIDENING AREA
- TRANSITION AREA

40 20 0' 40 80
HORIZONTAL SCALE

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

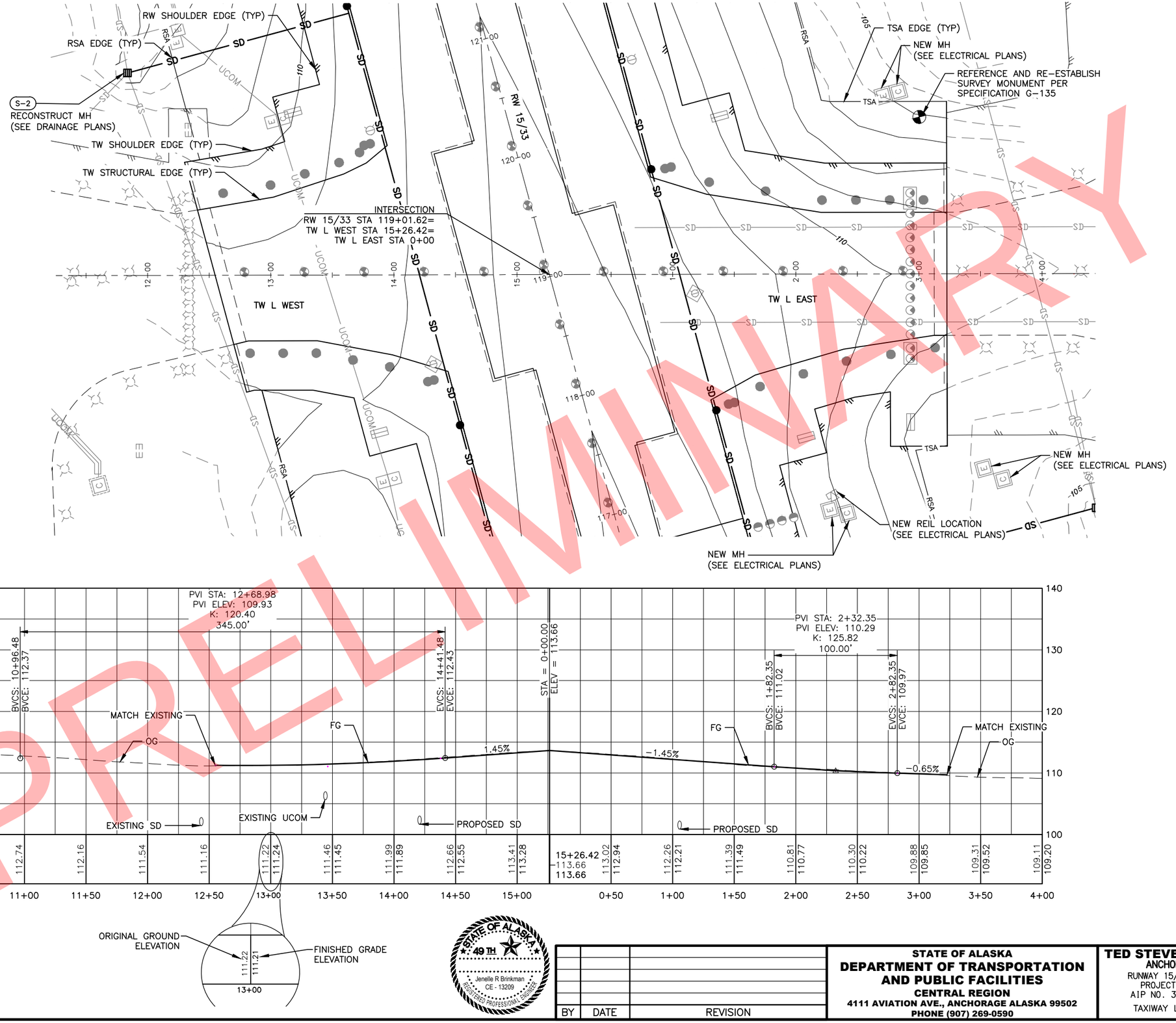
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY L SITE PLAN

DATE: 2/13/2018
SHEET: 55 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: L WEST
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - TW SITE.dwg
2/13/2018, 5:29 PM

PRELIMINARY



PRELIMINARY

Designed By:	TC/MR/AD
Drawn By:	RKB
Checked By:	JRB

Date Revised: 2/13/2018, 5:31 PM
Layout Name: L WEST
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 590491\Final Drawings\590491 AIA - TW Plan & Profiles.dwg

Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY L PLAN & PROFILE

DATE: 2/13/2018

SHEET: 56 OF 123

PRELIMINARY

NOTE:

1. GRID LAYOUT BASED ON TW L STATIONING.

40 20 0' 40 80

STATE OF ALASKA
49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

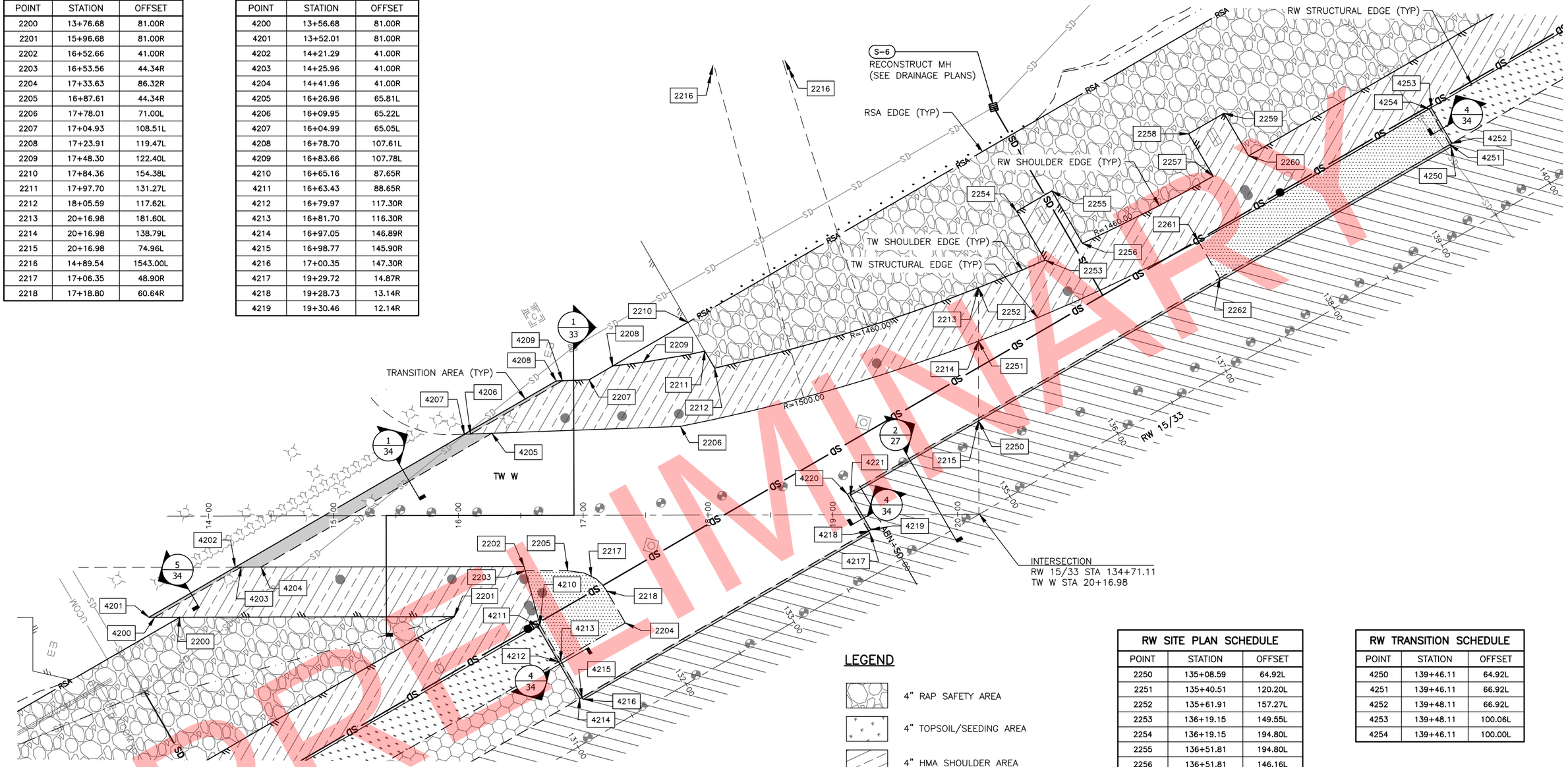
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY L GRADING PLAN

DATE: 2/13/2018
SHEET: 57 OF 123

Designed By:	TC/MR/AD
Drawn By:	RKB
Checked By:	JRB
Date Revised:	2/13/2018, 5:32 PM
Layout Name:	L WEST
File Path and Name:	W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Grading Plan.dwg

TW W SITE PLAN SCHEDULE		
POINT	STATION	OFFSET
2200	13+76.68	81.00R
2201	15+96.68	81.00R
2202	16+52.66	41.00R
2203	16+53.56	44.34R
2204	17+33.63	86.32R
2205	16+87.61	44.34R
2206	17+78.01	71.00L
2207	17+04.93	108.51L
2208	17+23.91	119.47L
2209	17+48.30	122.40L
2210	17+84.36	154.38L
2211	17+97.70	131.27L
2212	18+05.59	117.62L
2213	20+16.98	181.60L
2214	20+16.98	138.79L
2215	20+16.98	74.96L
2216	14+89.54	1543.00L
2217	17+06.35	48.90R
2218	17+18.80	60.64R

TW W TRANSITION SCHEDULE		
POINT	STATION	OFFSET
4200	13+56.68	81.00R
4201	13+52.01	81.00R
4202	14+21.29	41.00R
4203	14+25.96	41.00R
4204	14+41.96	41.00R
4205	16+26.96	65.81L
4206	16+09.95	65.22L
4207	16+04.99	65.05L
4208	16+78.70	107.61L
4209	16+83.66	107.78L
4210	16+65.16	87.65R
4211	16+63.43	88.65R
4212	16+79.97	117.30R
4213	16+81.70	116.30R
4214	16+97.05	146.89R
4215	16+98.77	145.90R
4216	17+00.35	147.30R
4217	19+29.72	14.87R
4218	19+28.73	13.14R
4219	19+30.46	12.14R



LEGEND

- 4" RAP SAFETY AREA
- 4" TOPSOIL/SEEDING AREA
- 4" HMA SHOULDER AREA
- 5" HMA INLAY AREA
- 15" HMA AREA
- 15" HMA STRUCTURAL WIDENING AREA
- TRANSITION AREA

RW SITE PLAN SCHEDULE		
POINT	STATION	OFFSET
2250	135+08.59	64.92L
2251	135+40.51	120.20L
2252	135+61.91	157.27L
2253	136+19.15	149.55L
2254	136+19.15	194.80L
2255	136+51.81	194.80L
2256	136+51.81	146.16L
2257	137+69.49	140.09L
2258	137+69.49	179.40L
2259	138+02.15	179.40L
2260	138+02.15	140.00L
2261	137+33.11	100.93L
2262	137+33.11	66.92L

RW TRANSITION SCHEDULE		
POINT	STATION	OFFSET
4250	139+46.11	64.92L
4251	139+46.11	66.92L
4252	139+48.11	66.92L
4253	139+48.11	100.06L
4254	139+46.11	100.00L

40 20 0' 40 80
HORIZONTAL SCALE
VERTICAL SCALE 1:5

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

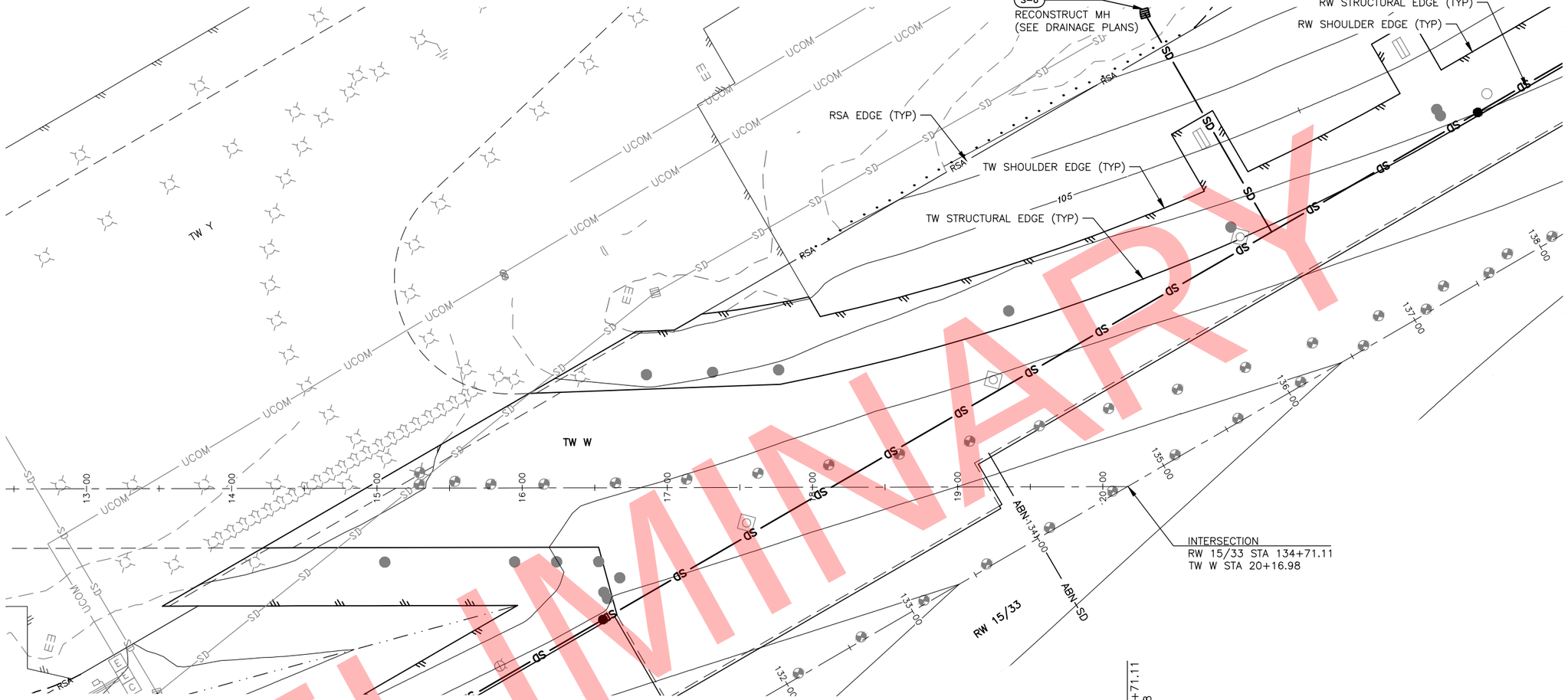
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

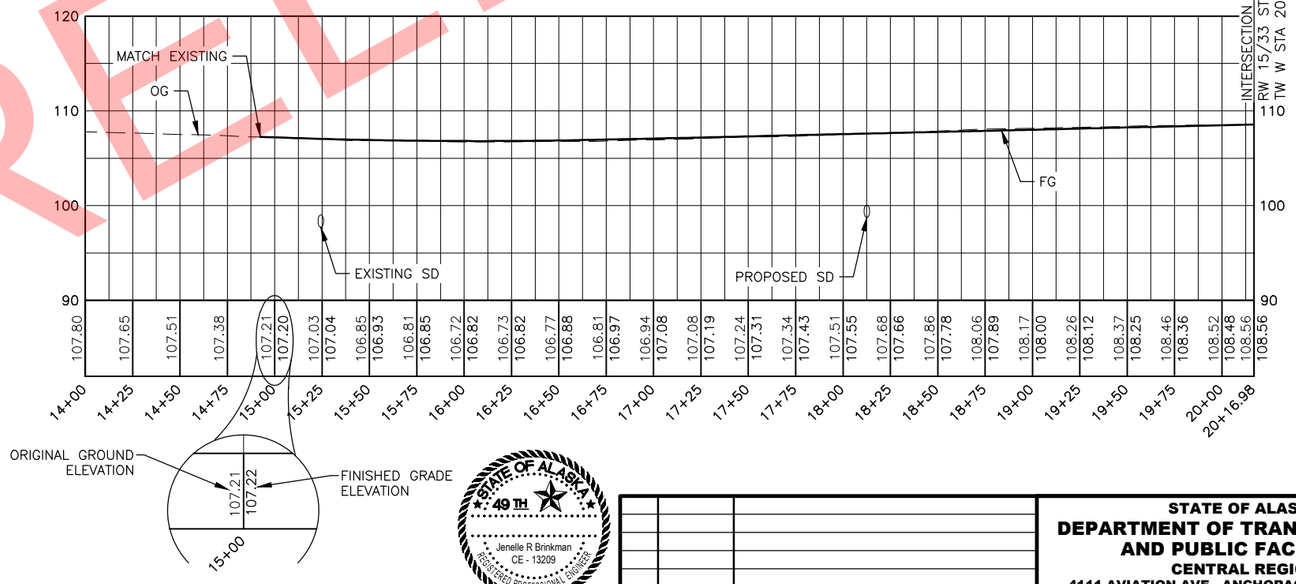
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY W SITE PLAN

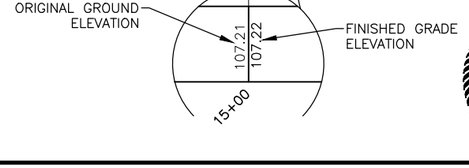
DATE: 2/13/2018
SHEET: 58 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: W
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA – TW SITE.dwg

PRELIMINARY







40 20 0' 40 80
HORIZONTAL SCALE
VERTICAL SCALE 1:5

STATE OF ALASKA
49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

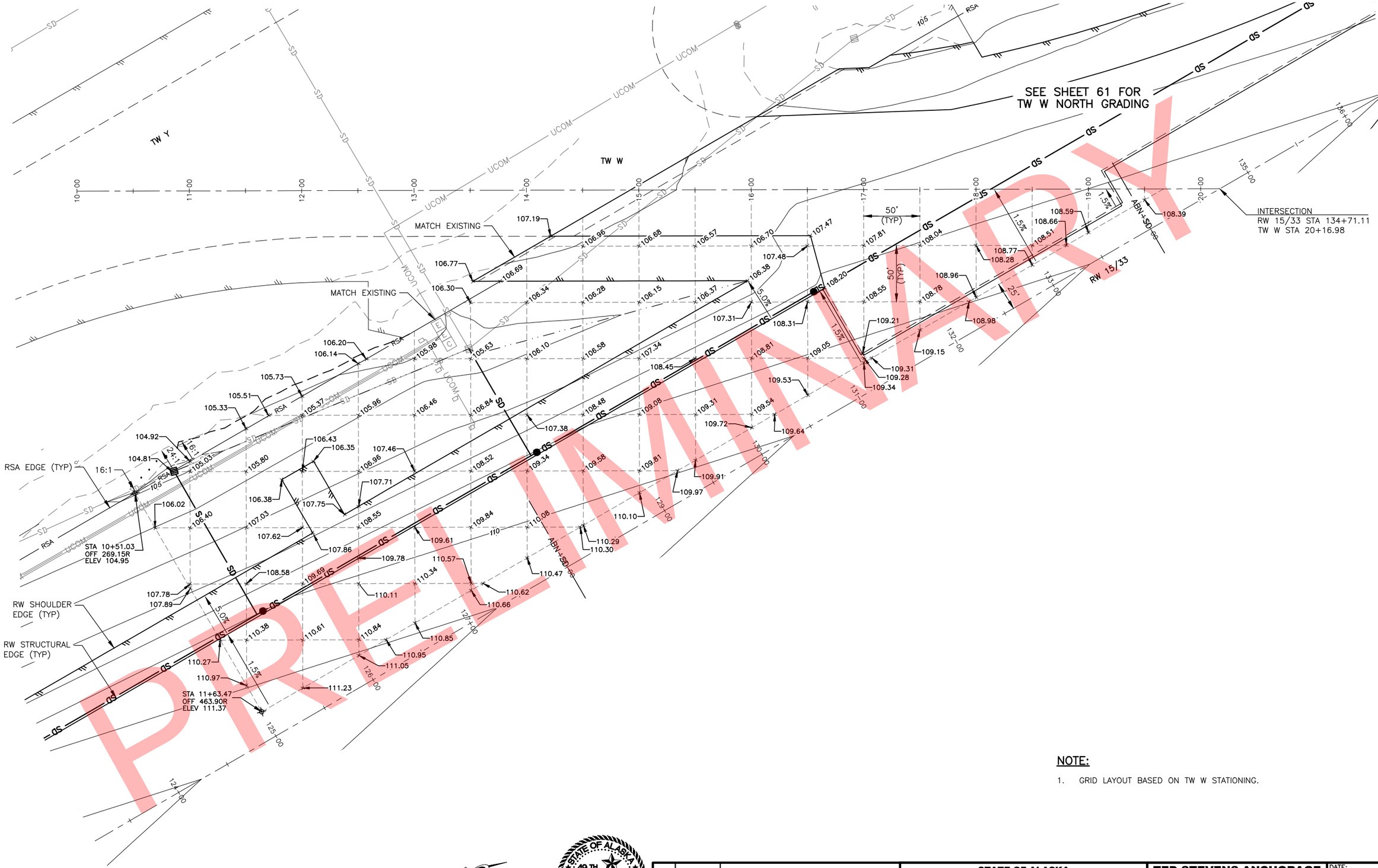
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY W PLAN & PROFILE

DATE: 2/13/2018
SHEET: 59 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: W
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - TW Plan & Profiles.dwg
2/13/2018, 5:37 PM

PRELIMINARY



PRELIMINARY

NOTE:

1. GRID LAYOUT BASED ON TW W STATIONING.

40 20 0' 40 80

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

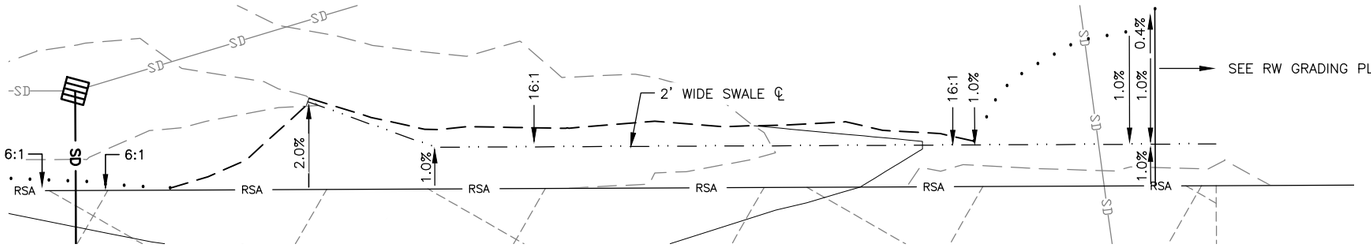
BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY W GRADING PLAN (SOUTH)

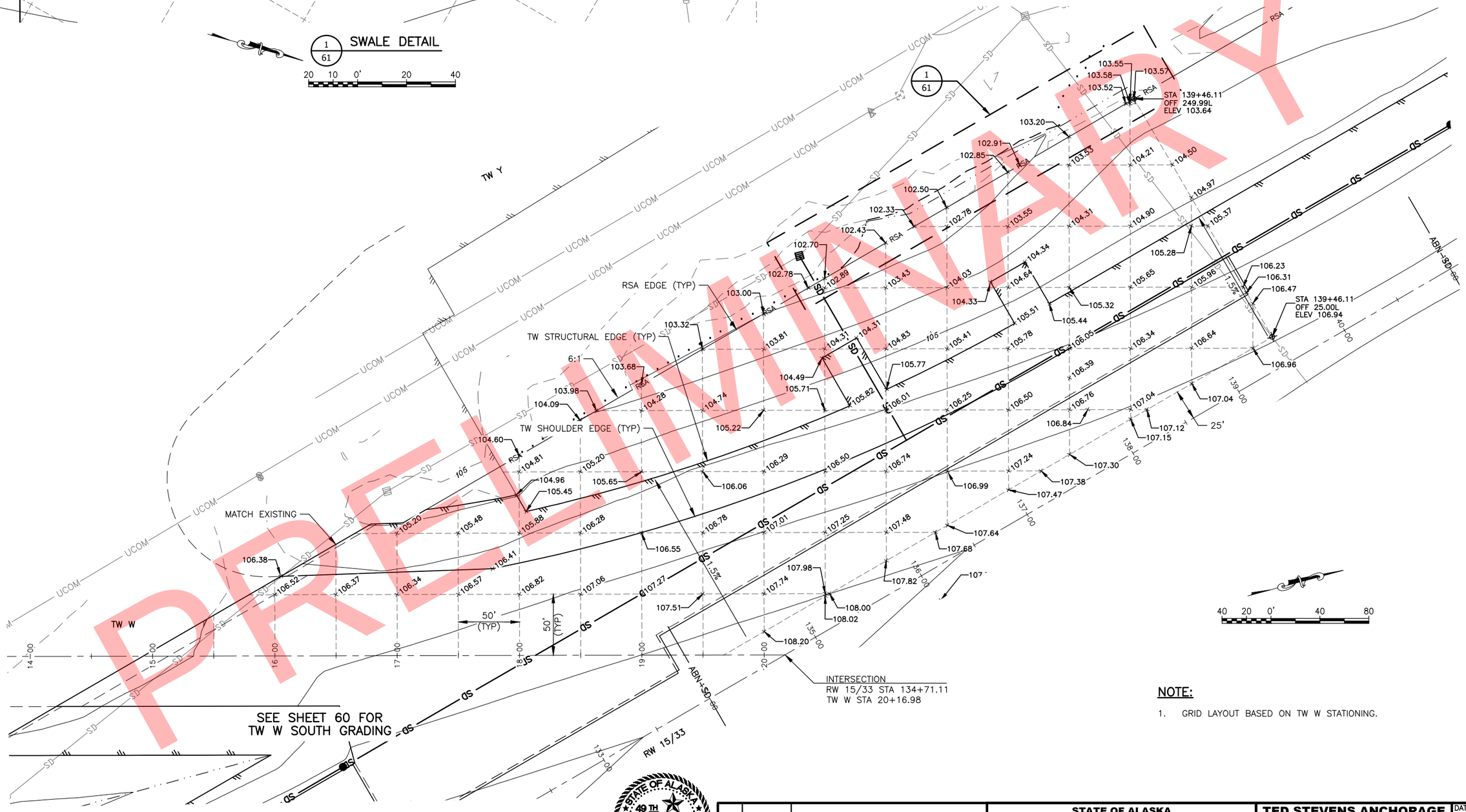
DATE: 2/13/2018
SHEET: 60 OF 123

Designed By:	TC/MR/AD
Drawn By:	RKB
Checked By:	JRB
Date Revised:	2/13/2018, 5:38 PM
Layout Name:	W1
File Path and Name:	W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 590490\Final Drawings\590490 AIA - Grading Plan.dwg



1/61 SWALE DETAIL

20 10 0' 20 40



PRELIMINARY

NOTE:

1. GRID LAYOUT BASED ON TW W STATIONING.

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
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TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY W GRADING PLAN (NORTH)

DATE: 2/13/2018
SHEET: 61 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: W2
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 590490\Final Drawings\590490 AIA - Grading Plan.dwg
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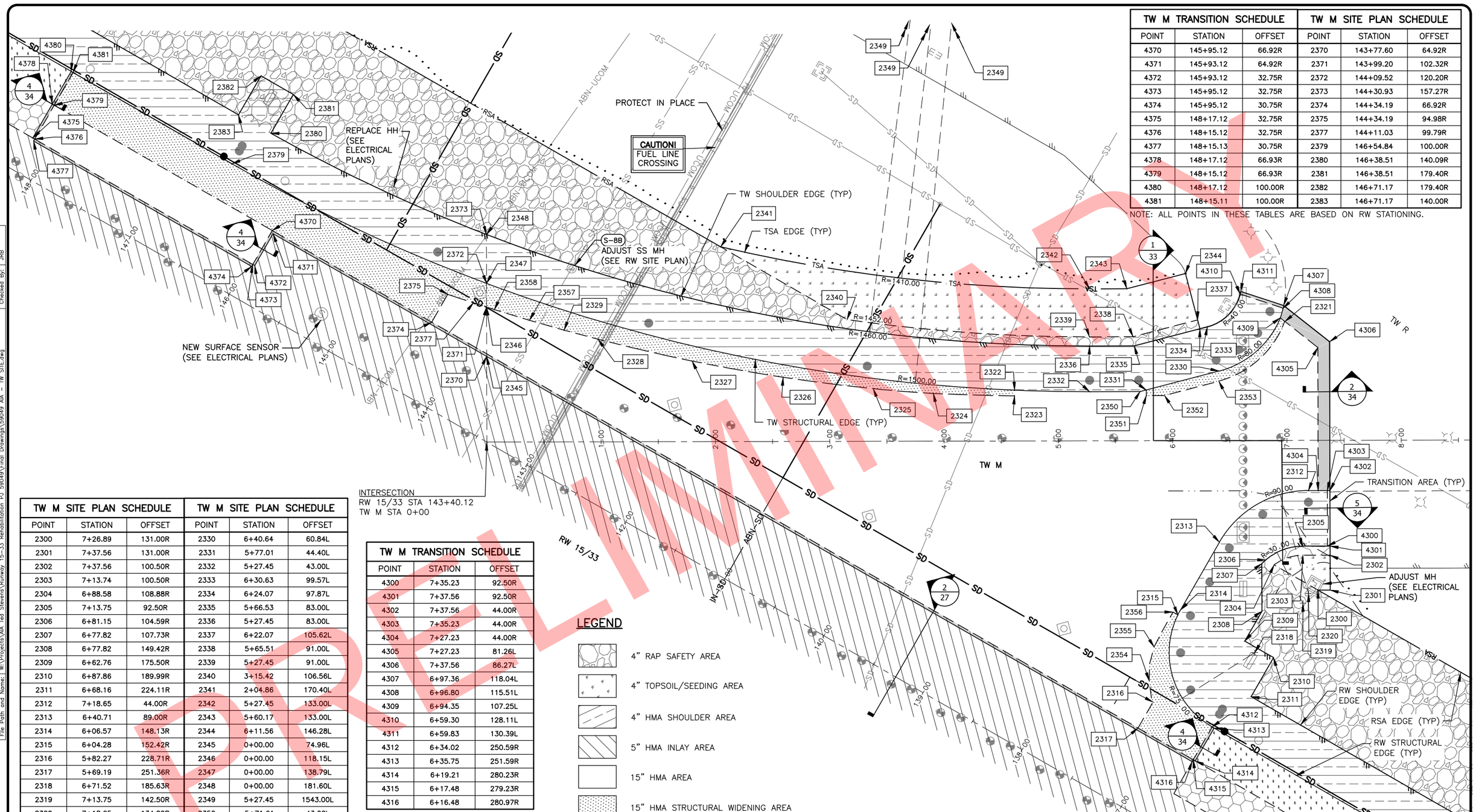

TW M TRANSITION SCHEDULE			TW M SITE PLAN SCHEDULE		
POINT	STATION	OFFSET	POINT	STATION	OFFSET
4370	145+95.12	66.92R	2370	143+77.60	64.92R
4371	145+93.12	64.92R	2371	143+99.20	102.32R
4372	145+93.12	32.75R	2372	144+09.52	120.20R
4373	145+95.12	32.75R	2373	144+30.93	157.27R
4374	145+95.12	30.75R	2374	144+34.19	66.92R
4375	148+17.12	32.75R	2375	144+34.19	94.98R
4376	148+15.12	32.75R	2377	144+11.03	99.79R
4377	148+15.13	30.75R	2379	146+54.84	100.00R
4378	148+17.12	66.93R	2380	146+38.51	140.09R
4379	148+15.12	66.93R	2381	146+38.51	179.40R
4380	148+17.12	100.00R	2382	146+71.17	179.40R
4381	148+15.11	100.00R	2383	146+71.17	140.00R

NOTE: ALL POINTS IN THESE TABLES ARE BASED ON RW STATIONING.

TW M SITE PLAN SCHEDULE			TW M SITE PLAN SCHEDULE		
POINT	STATION	OFFSET	POINT	STATION	OFFSET
2300	7+26.89	131.00R	2330	6+40.64	60.84L
2301	7+37.56	131.00R	2331	5+77.01	44.40L
2302	7+37.56	100.50R	2332	5+27.45	43.00L
2303	7+13.74	100.50R	2333	6+30.63	99.57L
2304	6+88.58	108.88R	2334	6+24.07	97.87L
2305	7+13.75	92.50R	2335	5+66.53	83.00L
2306	6+81.15	104.59R	2336	5+27.45	83.00L
2307	6+77.82	107.73R	2337	6+22.07	105.62L
2308	6+77.82	149.42R	2338	5+65.51	91.00L
2309	6+62.76	175.50R	2339	5+27.45	91.00L
2310	6+87.86	189.99R	2340	3+15.42	106.56L
2311	6+68.16	224.11R	2341	2+04.86	170.40L
2312	7+18.65	44.00R	2342	5+27.45	133.00L
2313	6+40.71	89.00R	2343	5+60.17	133.00L
2314	6+06.57	148.13R	2344	6+11.56	146.28L
2315	6+04.28	152.42R	2345	0+00.00	74.96L
2316	5+82.27	228.71R	2346	0+00.00	118.15L
2317	5+69.19	251.36R	2347	0+00.00	138.79L
2318	6+71.52	185.63R	2348	0+00.00	181.60L
2319	7+13.75	142.50R	2349	5+27.45	1543.00L
2320	7+18.65	134.00R	2350	5+71.61	43.00L
2321	6+98.41	104.04L	2351	5+77.02	39.48L
2322	4+61.79	44.44L	2352	5+92.99	39.50L
2323	4+61.76	39.51L	2353	6+40.52	51.96L
2324	3+90.76	41.70L	2354	5+79.03	210.07R
2325	3+38.06	46.08L	2355	5+83.41	180.51R
2326	2+59.28	56.20L	2356	6+00.00	149.98R
2327	1+79.73	70.50L	2357	0+37.47	106.48L
2328	0+97.42	89.82L	2358	0+06.82	115.94L
2329	0+67.86	97.81L			

TW M TRANSITION SCHEDULE		
POINT	STATION	OFFSET
4300	7+35.23	92.50R
4301	7+37.56	92.50R
4302	7+37.56	44.00R
4303	7+35.23	44.00R
4304	7+27.23	44.00R
4305	7+27.23	81.26L
4306	7+37.56	86.27L
4307	6+97.36	118.04L
4308	6+96.80	115.51L
4309	6+94.35	107.25L
4310	6+59.30	128.11L
4311	6+59.83	130.39L
4312	6+34.02	250.59R
4313	6+35.75	251.59R
4314	6+19.21	280.23R
4315	6+17.48	279.23R
4316	6+16.48	280.97R

LEGEND

- 4" RAP SAFETY AREA
- 4" TOPSOIL/SEEDING AREA
- 4" HMA SHOULDER AREA
- 5" HMA INLAY AREA
- 15" HMA AREA
- 15" HMA STRUCTURAL WIDENING AREA
- TRANSITION AREA

40 20 0' 40 80
HORIZONTAL SCALE

STATE OF ALASKA 49TH Jenelle R Brinkman CE - 13209 REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY M SITE PLAN

DATE: 2/13/2018
SHEET: 62 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: M
File Path and Name: W:\Projects\AIA_Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - TW SITE.dwg
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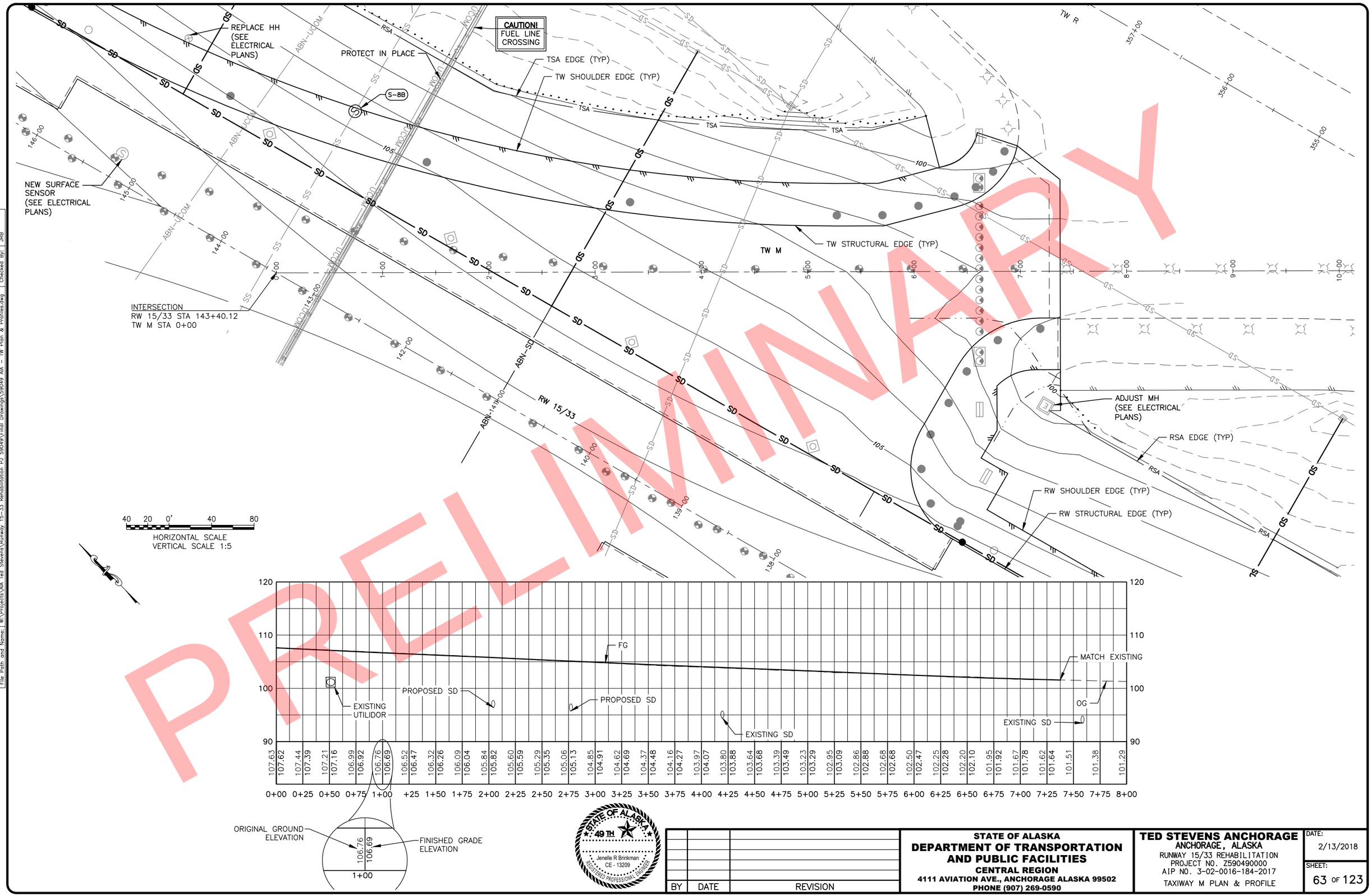
PRELIMINARY



40 20 0' 40 80
HORIZONTAL SCALE
VERTICAL SCALE 1:5

PRELIMINARY

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY M PLAN & PROFILE

DATE: 2/13/2018
SHEET: 63 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: M
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - TW Plan & Profiles.dwg 2/13/2018, 5:44 PM

STA 148+15.12
OFF 250.00R
ELEV 103.21

STA 148+15.14
OFF 25.00R
ELEV 108.84

INTERSECTION
RW 15/33 STA 143+40.12
TW M STA 0+00

TSA EDGE (TYP)
TW STRUCTURAL EDGE (TYP)
TW SHOULDER EDGE (TYP)
MATCH EXISTING
MATCH EXISTING
MATCH EXISTING
RW SHOULDER EDGE (TYP)
RW STRUCTURAL EDGE (TYP)
GRADE BREAK
SWALE ℄
SWALE ℄
STA 7+65.96
OFF 153.56R
ELEV 101.34
STA 6+53.46
OFF 348.41R
ELEV 107.76

TW M
TW R
RW 15/33

NOTE:

1. GRID LAYOUT BASED ON TW M STATIONING.

1/64 SWALE DETAIL

30 15 0' 30 60

40 20 0' 40 80

PRELIMINARY

Designed By:	TC/MR/AD
Drawn By:	RKB
Checked By:	JRB
Date Revised:	2/13/2018, 5:45 PM
Layout Name:	M1
File Path and Names:	W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Grading Plan.dwg

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

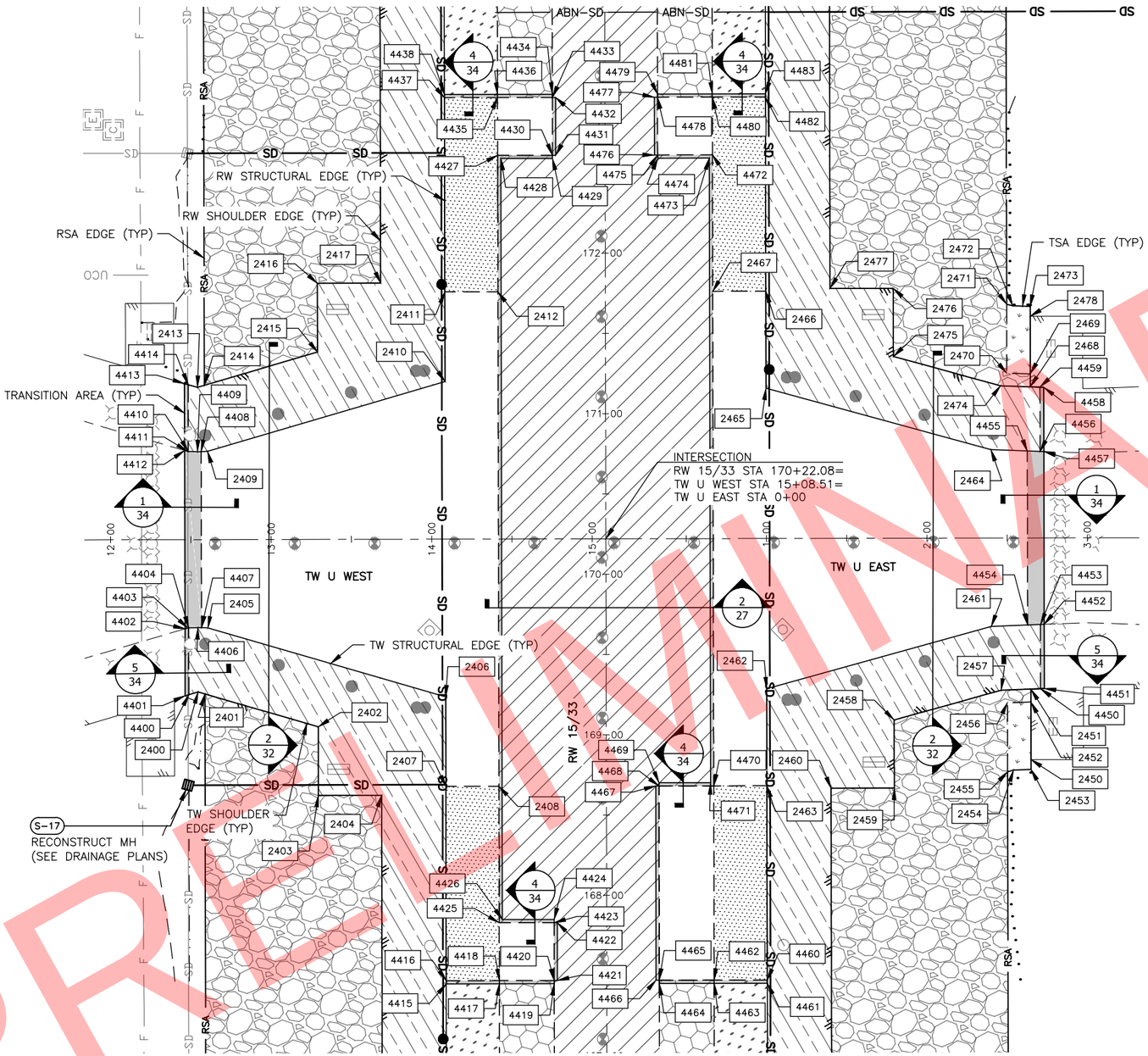
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY M GRADING PLAN

DATE: 2/13/2018
SHEET: 64 OF 123

TW U WEST SITE PLAN SCHEDULE		
POINT	STATION	OFFSET
2400	12+54.25	94.84R
2401	12+58.51	96.09R
2402	13+29.11	116.70R
2403	13+29.11	159.42R
2404	13+68.51	159.42R
2405	12+60.51	55.00R
2406	14+08.51	98.21R
2407	14+08.51	154.00R
2408	14+41.59	154.00R
2409	12+60.51	55.00L
2410	14+08.51	98.21L
2411	14+08.51	154.00L
2412	14+41.59	154.00L
2413	12+54.25	94.84L
2414	12+58.51	96.09L
2415	13+29.11	116.70L
2416	13+29.11	159.53L
2417	13+68.51	159.53L

TW U WEST TRANSITION SCHEDULE		
POINT	STATION	OFFSET
4400	12+48.51	96.52R
4401	12+46.18	97.20R
4402	12+46.18	55.53R
4403	12+48.00	55.00R
4404	12+48.51	55.00R
4406	12+54.26	54.78R
4407	12+56.51	54.86R
4408	12+56.51	54.86L
4409	12+54.24	54.78L
4410	12+48.51	54.98L
4411	12+47.99	55.00L
4412	12+46.18	55.53L
4413	12+46.18	97.20L
4414	12+48.51	96.52L
4415	14+08.51	277.00R
4416	14+08.51	275.00R
4417	14+41.59	277.00R
4418	14+41.59	275.00R
4419	14+75.76	277.00R
4420	14+75.76	275.00R
4421	14+77.76	275.00R
4422	14+77.76	239.04R
4423	14+75.76	239.00R
4424	14+75.76	237.00R
4425	14+41.59	239.00R
4426	14+43.59	237.00R
4427	14+41.59	239.00L
4428	14+43.59	237.00L
4429	14+75.76	237.00L
4430	14+75.76	239.00L
4431	14+77.76	239.00L
4432	14+77.76	275.00L
4433	14+75.76	275.00L
4434	14+75.76	277.00L
4435	14+41.59	275.00L
4436	14+41.59	277.00L
4437	14+08.51	275.00L
4438	14+08.51	277.00L



LEGEND

- 4" RAP SAFETY AREA
- 4" TOPSOIL/SEEDING AREA
- 4" HMA SHOULDER AREA
- 5" HMA INLAY AREA
- 15" HMA AREA
- 15" HMA STRUCTURAL WIDENING AREA
- TRANSITION AREA

40 20 0' 40 80

HORIZONTAL SCALE
VERTICAL SCALE 1:5

TW U EAST SITE PLAN SCHEDULE		
POINT	STATION	OFFSET
2450	2+64.66	138.05R
2451	2+64.66	94.15R
2452	2+64.66	102.16R
2453	2+64.66	144.18R
2454	2+53.75	144.57R
2455	2+50.00	145.60R
2456	2+50.00	102.68R
2457	2+46.11	94.81R
2458	1+79.40	113.21R
2459	1+79.40	155.64R
2460	1+40.00	155.64R
2461	2+40.00	55.00R
2462	1+00.00	93.62R
2463	1+00.00	154.00R
2464	2+40.00	55.00L

TW U EAST SITE PLAN SCHEDULE		
POINT	STATION	OFFSET
2465	1+00.00	93.62L
2466	1+00.00	154.00L
2467	0+66.92	154.00L
2468	2+64.67	94.15L
2469	2+64.67	102.16L
2470	2+50.00	102.68L
2471	2+50.00	145.60L
2472	2+53.75	144.57L
2473	2+64.67	144.18L
2474	2+46.11	94.81L
2475	1+79.40	113.21L
2476	1+79.40	155.64L
2477	1+40.00	155.64L
2478	2+64.67	138.05L

TW U EAST TRANSITION SCHEDULE		
POINT	STATION	OFFSET
4450	2+70.67	93.94R
4451	2+73.00	93.86R
4452	2+73.00	53.83R
4453	2+70.67	53.91R
4454	2+62.67	54.20R
4455	2+62.67	54.20L
4456	2+70.67	53.91L
4457	2+73.00	53.83L
4458	2+73.00	93.86L
4459	2+70.67	93.94L
4460	1+00.00	275.00R
4461	1+00.00	277.00R
4462	0+66.92	275.00R
4463	0+66.92	277.00R
4464	0+32.75	277.00R
4465	0+32.75	275.00R
4466	0+30.75	275.00R
4467	0+30.75	154.00R
4468	0+32.75	154.00R
4469	0+32.75	152.00R
4470	0+66.92	154.00R
4471	0+64.92	152.00R
4472	0+66.92	239.00L
4473	0+64.92	237.00L
4474	0+32.75	237.00L
4475	0+32.75	239.00L
4476	0+30.75	239.00L
4477	0+30.75	275.00L
4478	0+32.75	275.00L
4479	0+32.75	277.00L
4480	0+66.92	275.00L
4481	0+66.92	277.00L
4482	1+00.00	275.00L
4483	1+00.00	277.00L

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

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STATE OF ALASKA
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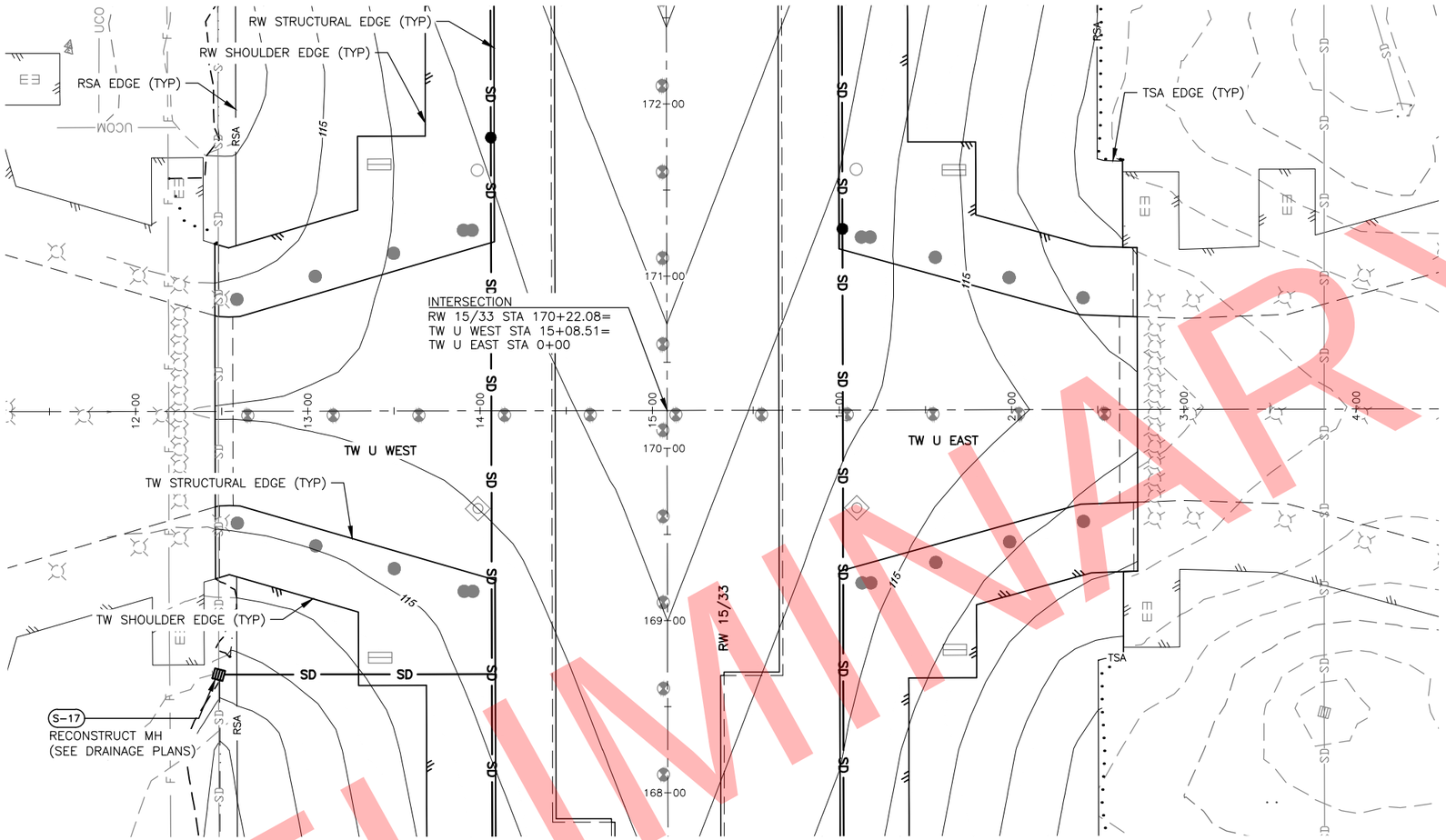
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

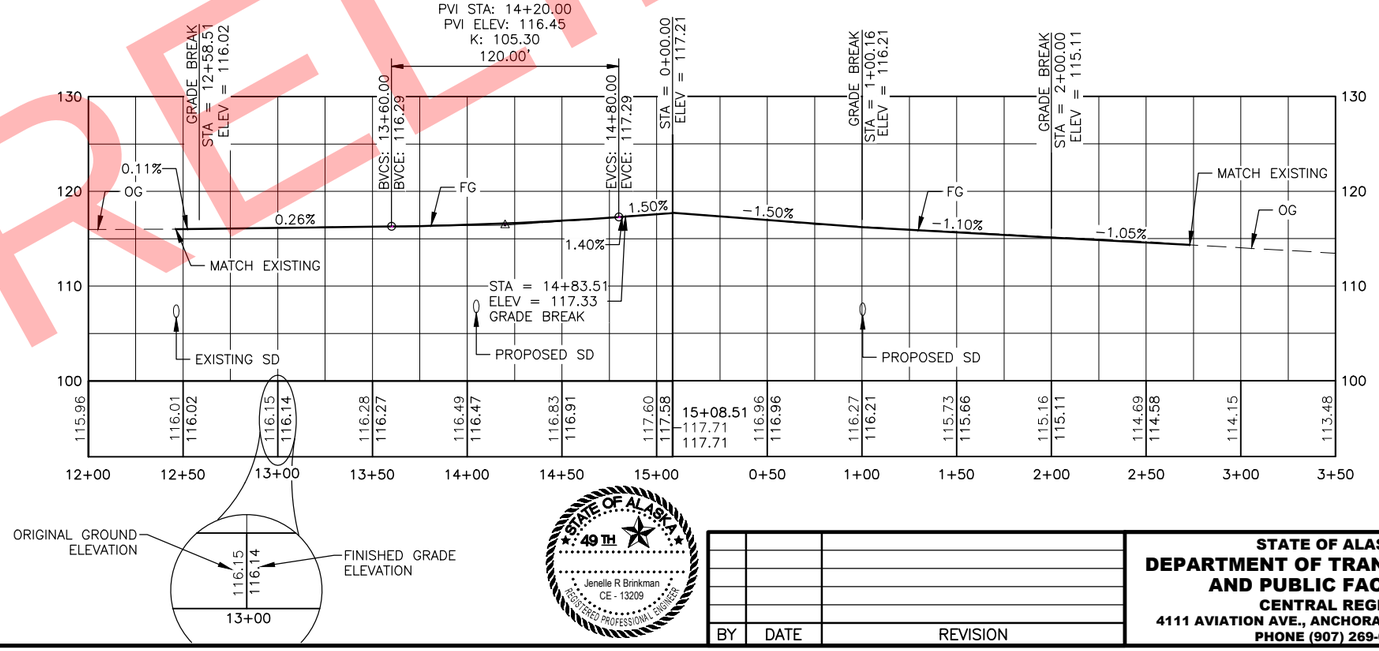
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY U SITE PLAN

DATE: 2/13/2018
SHEET: 65 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 5:48 PM
Layout Name: U WEST
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - TW SITE.dwg

DRAFT





40 20 0' 40 80

HORIZONTAL SCALE
VERTICAL SCALE 1:5

PRELIMINARY

STATE OF ALASKA
49TH
Jenelle R Brinkman
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REGISTERED PROFESSIONAL ENGINEER

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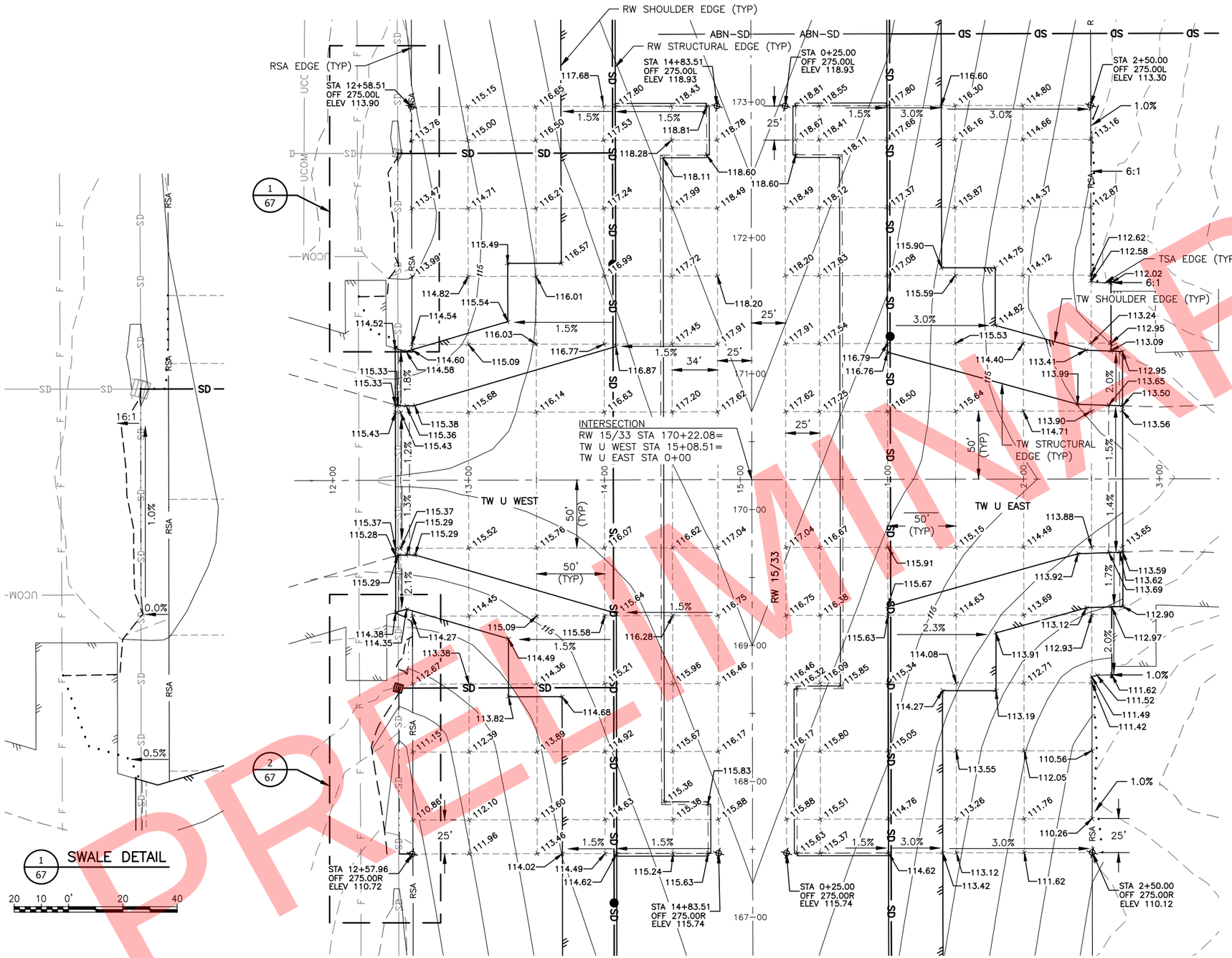
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY U PLAN & PROFILE

DATE: 2/13/2018

SHEET: 66 OF 123

Designed By:	TC/MR/AD
Drawn By:	RKB
Checked By:	JRB
Date Revised:	2/13/2018, 5:51 PM
Layout Name:	U WEST
File Path and Name:	W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA – TW Plan & Profiles.dwg



PRELIMINARY

NOTE:

1. GRID LAYOUT BASED ON TW U STATIONING.

Date Revised:	2/13/2018, 5:52 PM
Layout Name:	U WEST
File Path and Name:	W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Grading Plan.dwg

Designed By:	TC/MR/AD
Drawn By:	RKB
Checked By:	JRB

Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER
STATE OF ALASKA 49 TH

BY	DATE	REVISION

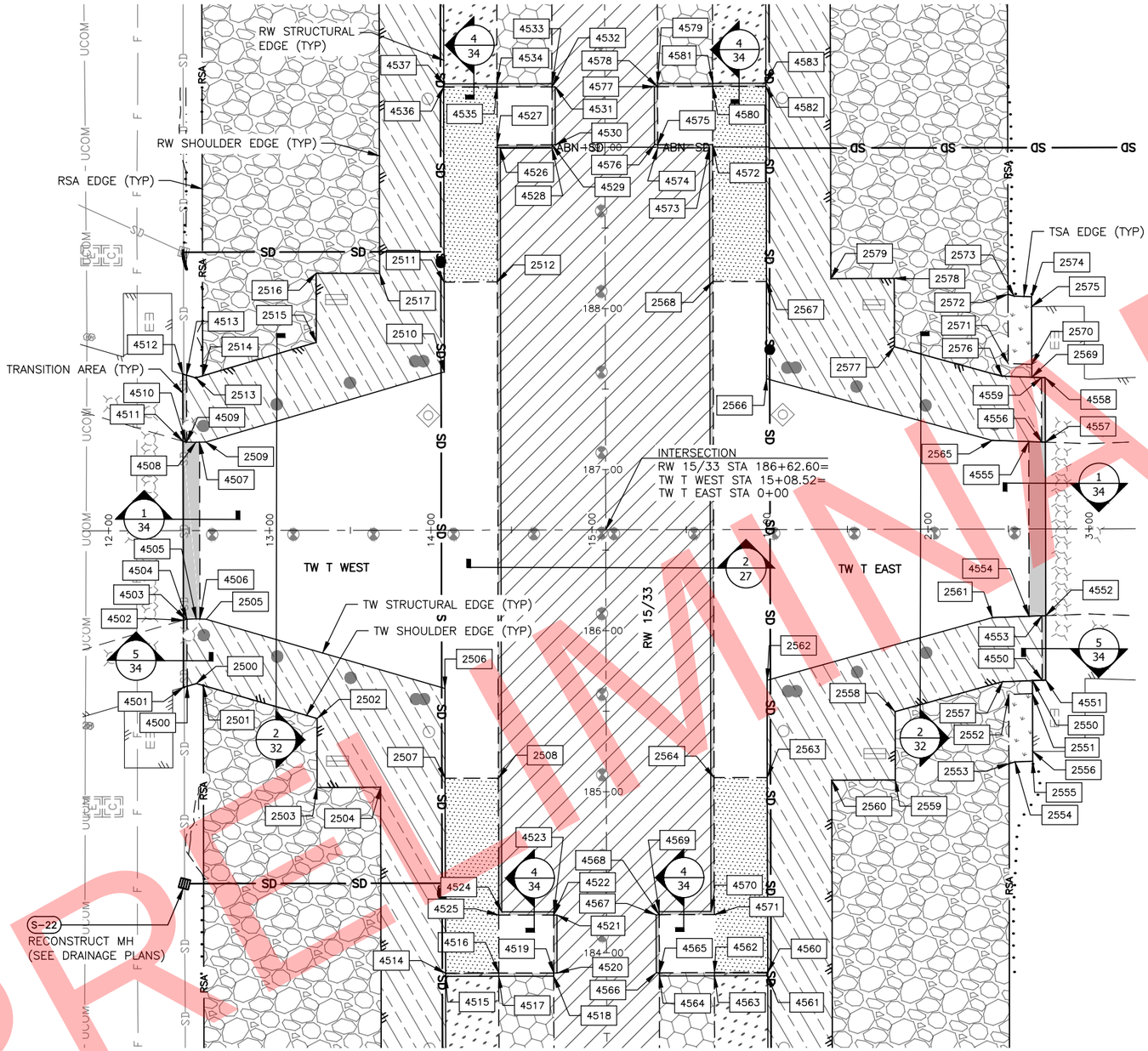
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY U GRADING PLAN

DATE: 2/13/2018
SHEET: 67 OF 123

TW T WEST SITE PLAN SCHEDULE		
POINT	STATION	OFFSET
2500	12+54.26	94.84R
2501	12+58.52	96.09R
2502	13+29.12	116.72R
2503	13+29.12	159.55R
2504	13+68.52	159.55R
2505	12+60.52	55.00R
2506	14+08.52	98.25R
2507	14+08.52	154.00R
2508	14+41.60	154.00R
2509	12+60.52	55.00L
2510	14+08.52	98.25L
2511	14+08.52	154.00L
2512	14+41.60	154.00L
2513	12+54.26	94.84L
2514	12+58.52	96.09L
2515	13+29.12	116.72L
2516	13+29.12	159.55L
2517	13+68.52	159.55L

TW T WEST TRANSITION SCHEDULE		
POINT	STATION	OFFSET
4500	12+48.52	96.52R
4501	12+46.19	97.20R
4502	12+46.19	55.53R
4503	12+48.00	55.00R
4504	12+48.52	54.98R
4505	12+54.27	54.78R
4506	12+56.52	54.86R
4507	12+56.52	54.86L
4508	12+54.25	54.78L
4509	12+48.52	54.98L
4510	12+48.00	55.00L
4511	12+46.19	55.53L
4512	12+46.19	97.20L
4513	12+48.52	96.52L
4514	14+08.52	275.00R
4515	14+08.52	277.00R
4516	14+41.60	275.00R
4517	14+41.60	277.00R
4518	14+75.77	277.00R
4519	14+75.77	275.00R
4520	14+77.77	275.00R
4521	14+77.77	239.00R
4522	14+75.77	239.00R
4523	14+75.77	237.00R
4524	14+43.60	237.00R
4525	14+41.60	239.00R
4526	14+43.60	237.00L
4527	14+41.60	239.00L
4528	14+75.77	237.00L
4529	14+75.77	239.00L
4530	14+77.77	239.00L
4531	14+77.77	275.00L
4532	14+75.77	275.00L
4533	14+75.77	277.00L
4534	14+41.60	277.00L
4535	14+41.60	275.00L
4536	14+08.52	275.00L
4537	14+08.52	277.00L



TW T EAST SITE PLAN SCHEDULE			TW T EAST SITE PLAN SCHEDULE		
POINT	STATION	OFFSET	POINT	STATION	OFFSET
2550	2+64.67	94.15R	2565	2+40.00	55.00L
2551	2+64.67	102.16R	2566	1+00.00	93.62L
2552	2+50.00	102.68R	2567	1+00.00	154.00L
2553	2+50.00	145.60R	2568	0+66.92	154.00L
2554	2+53.75	144.57R	2569	2+64.67	94.15L
2555	2+64.67	144.18R	2570	2+64.67	102.16L
2556	2+64.67	138.05R	2571	2+50.00	102.68L
2557	2+46.11	94.81R	2572	2+50.00	145.60L
2558	1+79.40	113.21R	2573	2+53.75	144.57L
2559	1+79.40	155.64R	2574	2+64.67	144.18L
2560	1+40.00	155.64R	2575	2+64.67	138.06L
2561	2+40.00	55.00R	2576	2+46.11	94.81L
2562	1+00.00	93.62R	2577	1+79.40	113.21L
2563	1+00.00	154.00R	2578	1+79.40	155.64L
2564	0+66.92	154.00R	2579	1+40.00	155.64L

TW T EAST TRANSITION SCHEDULE		
POINT	STATION	OFFSET
4550	2+70.67	93.94R
4551	2+73.00	93.86R
4552	2+73.00	53.83R
4553	2+70.67	53.91R
4554	2+62.67	54.20R
4555	2+62.67	54.20L
4556	2+70.67	53.91L
4557	2+73.00	53.83L
4558	2+73.00	93.86L
4559	2+70.67	93.94L
4560	1+00.00	275.00R
4561	1+00.00	277.00R
4562	0+66.92	275.00R
4563	0+66.92	277.00R
4564	0+32.75	277.00R
4565	0+32.75	275.00R
4566	0+30.75	275.00R
4567	0+30.75	239.00R
4568	0+32.75	239.00R
4569	0+32.75	237.00R
4570	0+64.92	237.00R
4571	0+66.92	239.00R
4572	0+66.92	239.00L
4573	0+64.92	237.00L
4574	0+32.75	237.00L
4575	0+32.75	239.00L
4576	0+30.75	239.00L
4577	0+30.75	275.00L
4578	0+32.75	275.00L
4579	0+32.75	277.00L
4580	0+66.92	275.00L
4581	0+66.92	277.00L
4582	1+00.00	275.00L
4583	1+00.00	277.00L

LEGEND

- 4" RAP SAFETY AREA
- 4" TOPSOIL/SEEDING AREA
- 4" HMA SHOULDER AREA
- 5" HMA INLAY AREA
- 15" HMA AREA
- 15" HMA STRUCTURAL WIDENING AREA
- TRANSITION AREA

40 20 0' 40 80
HORIZONTAL SCALE

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

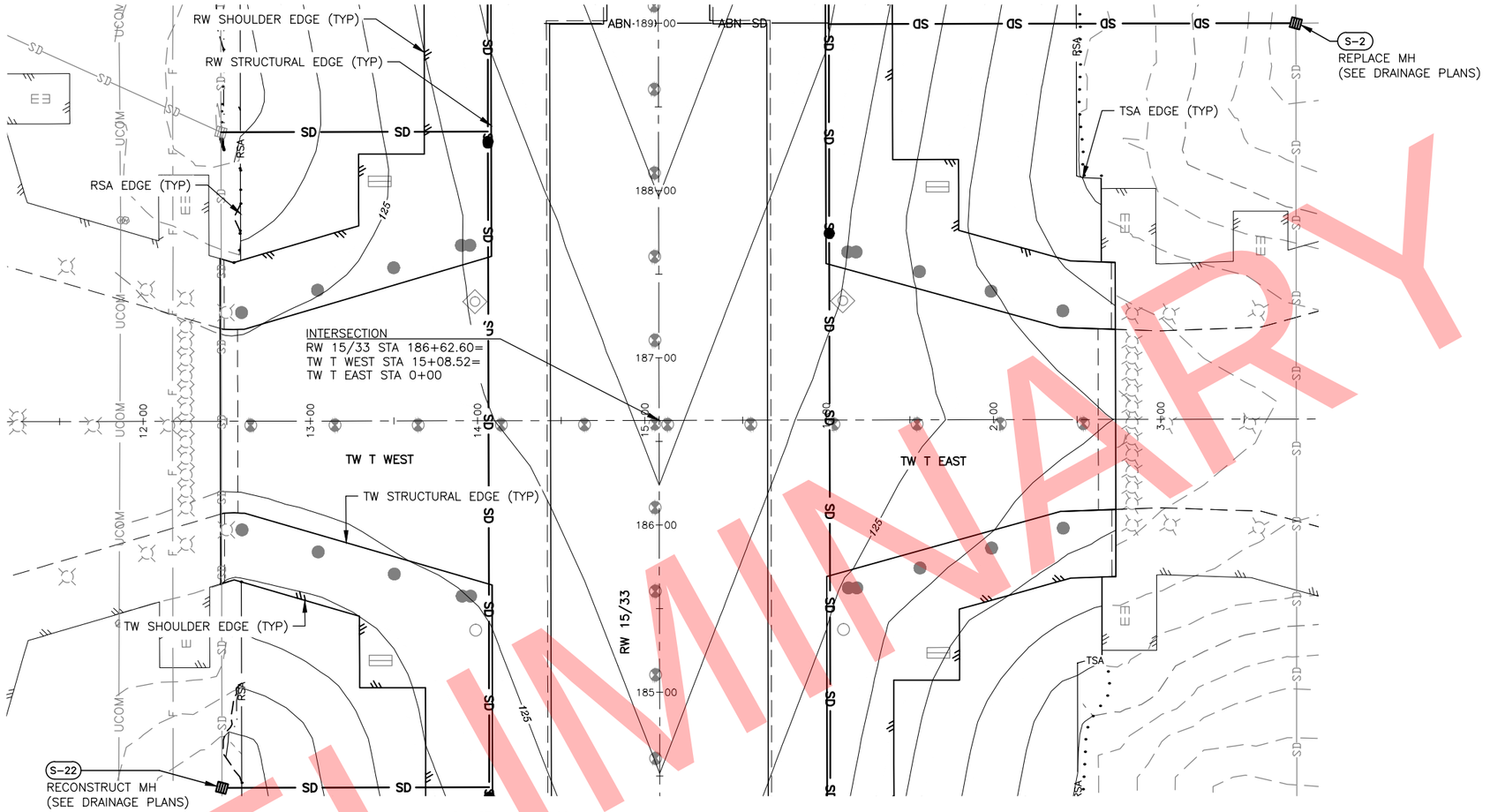
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

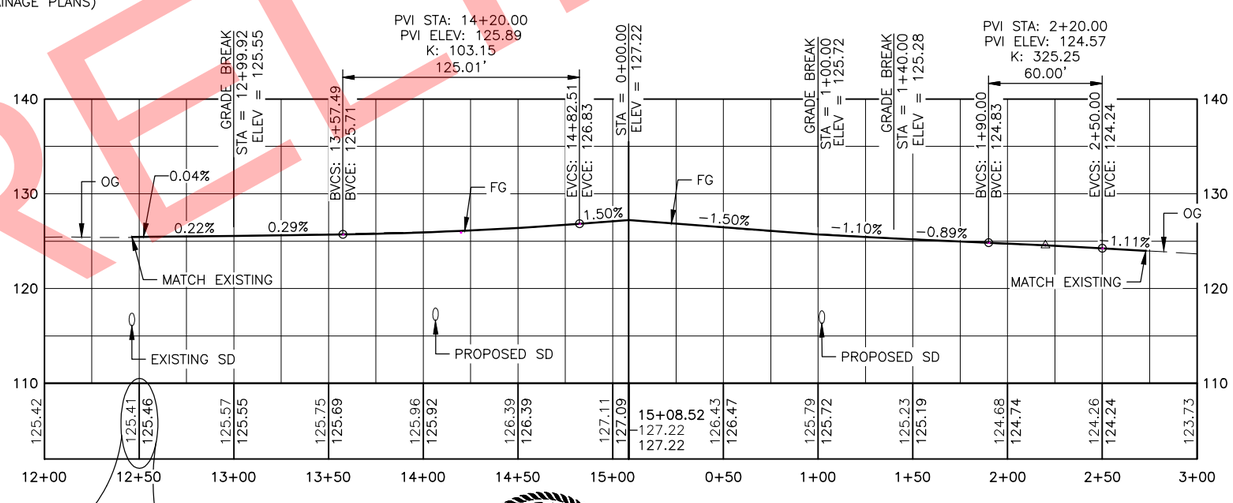
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY T SITE PLAN

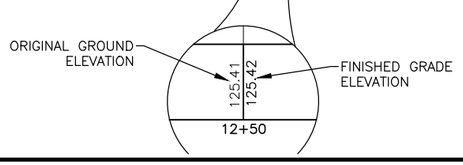
DATE: 2/13/2018
SHEET: 68 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: T WEST
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - TW SITE.dwg
2/13/2018, 5:55 PM

PRELIMINARY







40 20 0' 40 80
HORIZONTAL SCALE
VERTICAL SCALE 1:5

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

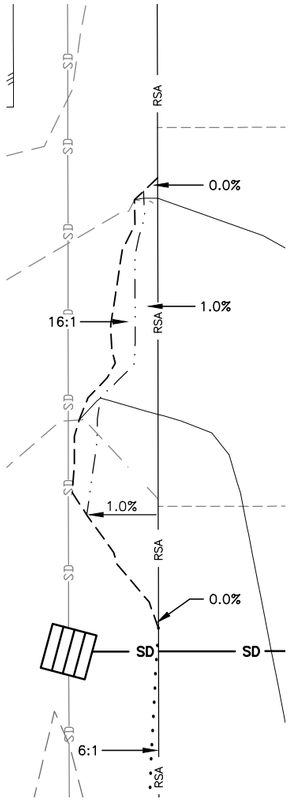
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY T PLAN & PROFILE

DATE: 2/13/2018
SHEET: 69 OF 123

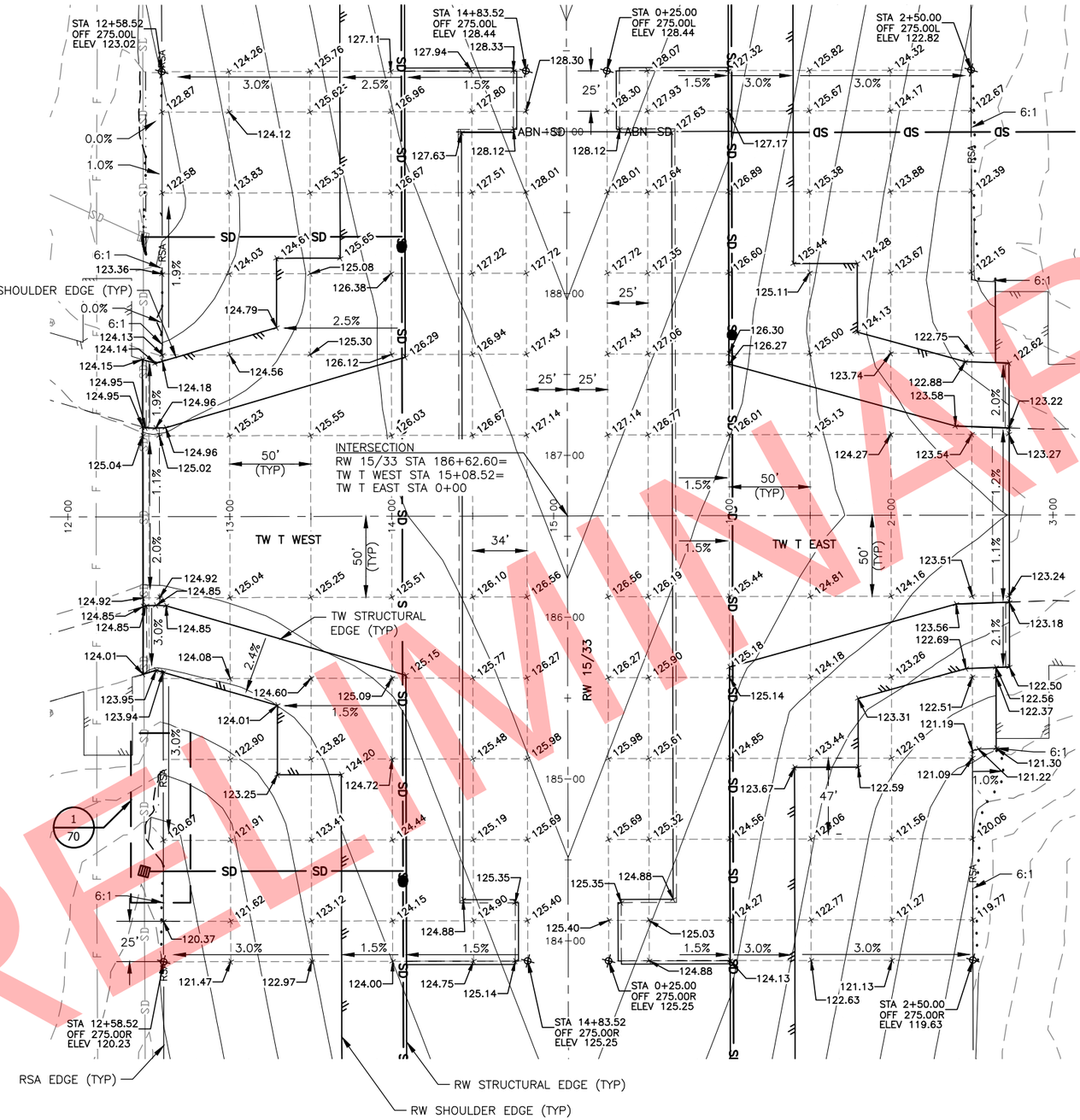
Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 5:58 PM
Layout Name: T WEST
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - TW Plan & Profiles.dwg

PRELIMINARY



1/70 SWALE DETAIL

10 5 0' 10 20



NOTE:

1. GRID LAYOUT BASED ON TW T STATIONING.

40 20 0' 40 80

PRELIMINARY

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 5:59 PM
Layout Name: T WEST
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Grading Plan.dwg

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

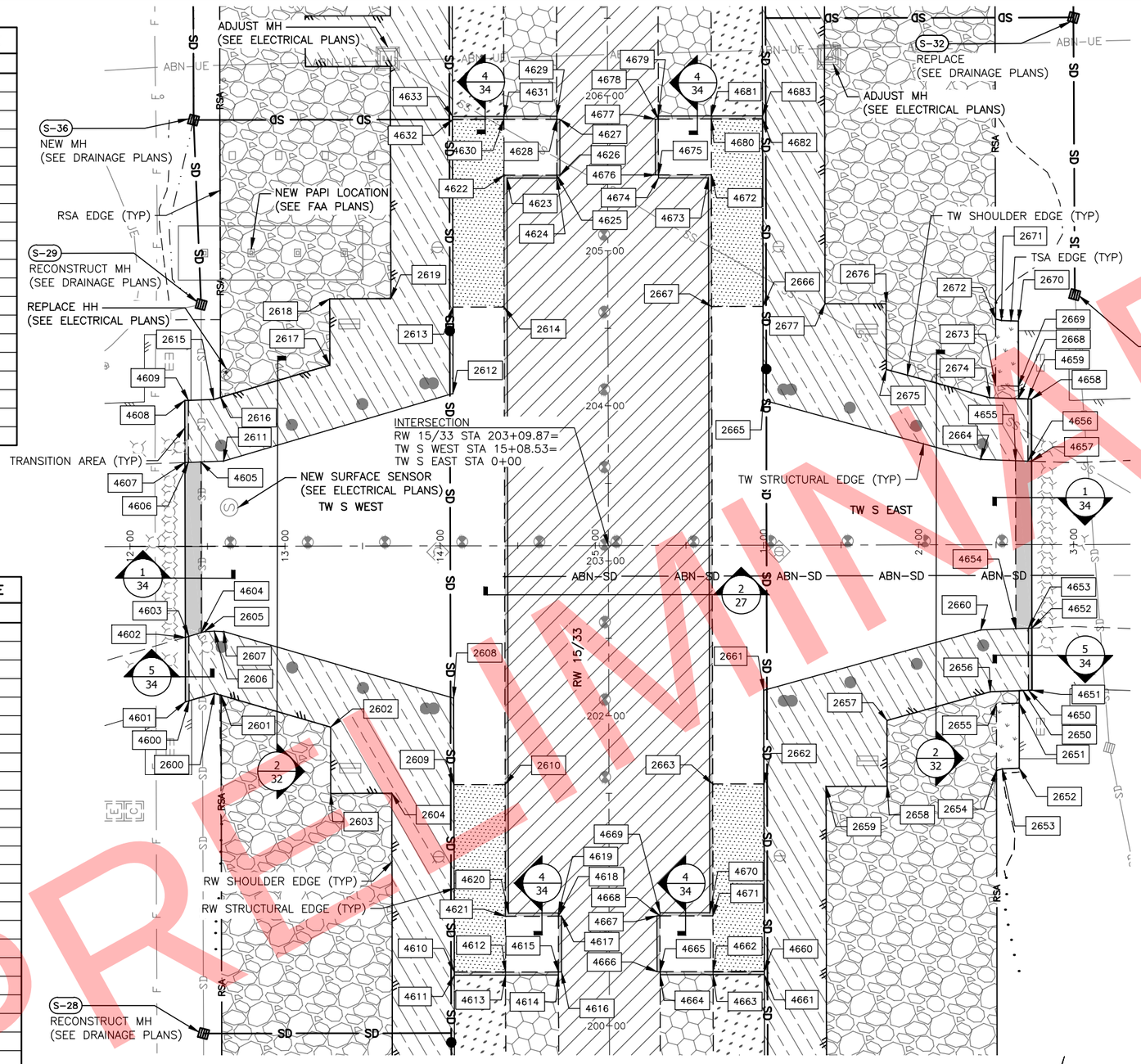
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY T GRADING PLAN

DATE: 2/13/2018
SHEET: 70 OF 123

TW S WEST SITE PLAN SCHEDULE		
POINT	STATION	OFFSET
2600	12+54.27	94.84R
2601	12+58.53	96.09R
2602	13+29.13	116.72R
2603	13+29.13	159.55R
2604	13+68.53	159.55R
2605	12+48.00	55.00R
2606	12+54.28	54.78R
2607	12+60.53	55.00R
2608	14+08.53	98.25R
2609	14+08.53	154.00R
2610	14+41.61	154.00R
2611	12+60.53	55.00L
2612	14+08.53	98.25L
2613	14+08.53	154.00L
2614	14+41.61	154.00L
2615	12+54.11	94.80L
2616	12+58.50	96.09L
2617	13+29.13	116.72L
2618	13+29.13	159.55L
2619	13+68.53	159.55L

TW S WEST TRANSITION SCHEDULE		
POINT	STATION	OFFSET
4600	12+37.86	99.64R
4601	12+35.53	100.32R
4602	12+35.53	58.64R
4603	12+37.86	57.96R
4604	12+45.83	55.62R
4605	12+45.86	54.48L
4606	12+37.86	54.20L
4607	12+35.53	54.11L
4608	12+35.53	94.14L
4609	12+37.86	94.22L
4610	14+08.53	275.00R
4611	14+08.54	277.00R
4612	14+41.61	275.00R
4613	14+41.61	277.00R
4614	14+75.76	277.00R
4615	14+75.78	275.00R
4616	14+77.78	275.00R
4617	14+77.78	239.00R
4618	14+75.78	239.00R
4619	14+75.82	237.00R
4620	14+43.61	237.00R
4621	14+41.61	239.00R
4622	14+41.61	239.00L
4623	14+43.61	237.00L
4624	14+75.78	237.00L
4625	14+75.78	239.00L
4626	14+77.78	239.00L
4627	14+77.78	275.00L
4628	14+75.78	275.00L
4629	14+75.76	277.00L
4630	14+41.61	275.00L
4631	14+41.65	277.00L
4632	14+08.53	275.00L
4633	14+08.58	277.00L



TW S EAST SITE PLAN SCHEDULE			TW S EAST SITE PLAN SCHEDULE		
POINT	STATION	OFFSET	POINT	STATION	OFFSET
2650	2+67.11	94.06R	2664	2+40.00	55.00L
2651	2+64.67	102.16R	2665	1+00.00	93.62L
2652	2+64.67	144.18R	2666	1+00.00	154.00L
2653	2+53.75	144.57R	2667	0+66.92	154.00L
2654	2+50.00	145.60R	2668	2+64.60	94.15L
2655	2+50.00	102.68R	2669	2+64.60	102.16L
2656	2+46.11	94.81R	2670	2+64.67	144.18L
2657	1+79.40	113.21R	2671	2+53.75	144.57L
2658	1+79.40	155.64R	2672	2+50.00	145.60L
2659	1+40.00	155.64R	2673	2+50.00	102.68L
2660	2+40.00	55.00R	2674	2+46.11	94.81L
2661	1+00.00	93.62R	2675	1+79.40	113.21L
2662	1+00.00	154.00R	2676	1+79.40	155.64L
2663	0+66.92	154.00R	2677	1+40.00	155.64L

TW S EAST TRANSITION SCHEDULE		
POINT	STATION	OFFSET
4650	2+70.67	93.94R
4651	2+73.00	93.86R
4652	2+73.00	53.83R
4653	2+70.67	53.91R
4654	2+62.63	54.20R
4655	2+62.63	54.20L
4656	2+70.67	53.91L
4657	2+73.00	53.83L
4658	2+73.00	93.86L
4659	2+70.67	93.94L
4660	1+00.00	275.00R
4661	1+00.00	277.00R
4662	0+66.86	275.00R
4663	0+66.92	277.00R
4664	0+32.75	277.00R
4665	0+32.75	275.00R
4666	0+30.75	275.00R
4667	0+30.75	239.01R
4668	0+32.75	239.00R
4669	0+32.76	237.00R
4670	0+64.92	237.00R
4671	0+66.92	239.00R
4672	0+66.92	239.00L
4673	0+64.92	237.00L
4674	0+32.75	237.00L
4675	0+32.75	239.00L
4676	0+30.75	239.00L
4677	0+30.75	275.00L
4678	0+32.75	275.00L
4679	0+32.75	277.00L
4680	0+66.92	275.00L
4681	0+66.92	277.00L
4682	1+00.00	275.00L
4683	1+00.00	277.00L

LEGEND

- 4" RAP SAFETY AREA
- 4" TOPSOIL/SEEDING AREA
- 4" HMA SHOULDER AREA
- 5" HMA INLAY AREA
- 15" HMA AREA
- 15" HMA STRUCTURAL WIDENING AREA
- TRANSITION AREA

40 20 0' 40 80
HORIZONTAL SCALE
VERTICAL SCALE 1:5

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

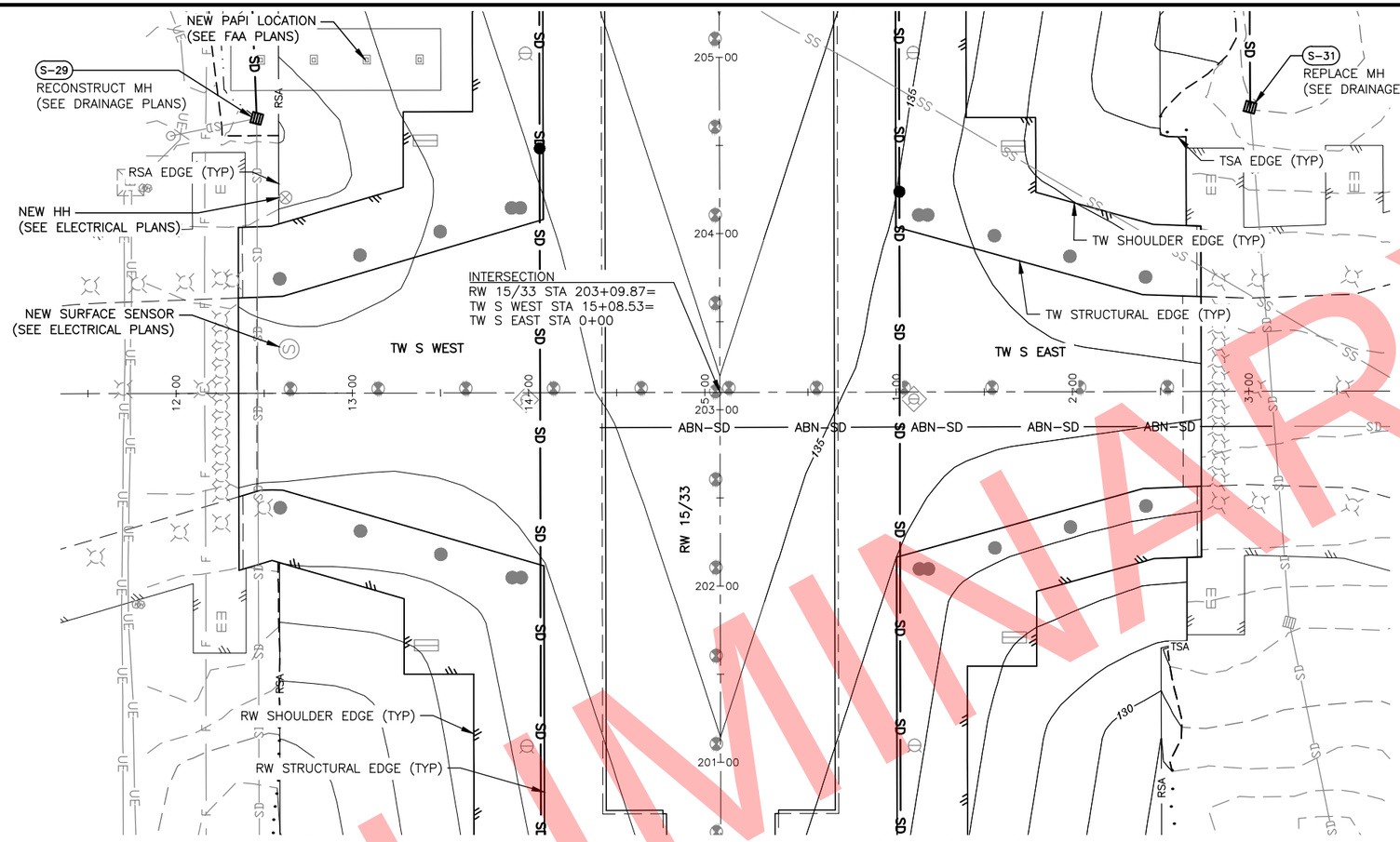
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

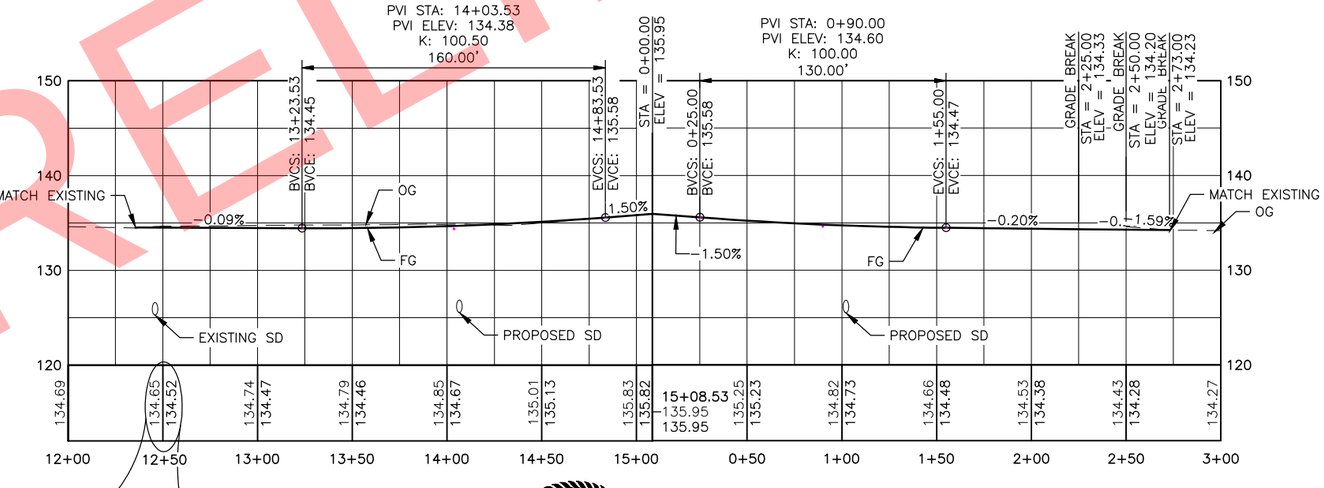
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY S SITE PLAN

DATE: 2/13/2018
SHEET: 71 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 6:02 PM
Layout Name: S WEST
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PU 59049\Final Drawings\59049 AIA - TW SITE.dwg

PRELIMINARY





PRELIMINARY

Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER
STATE OF ALASKA 49TH

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
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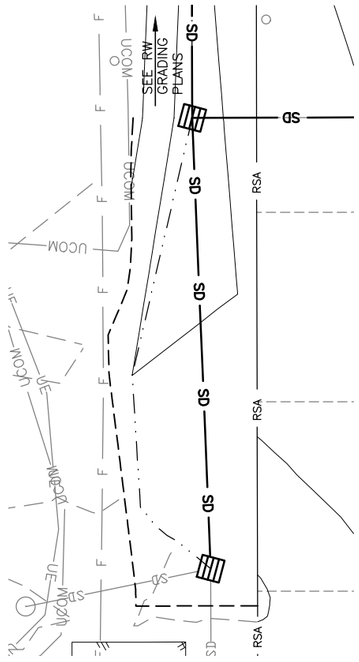
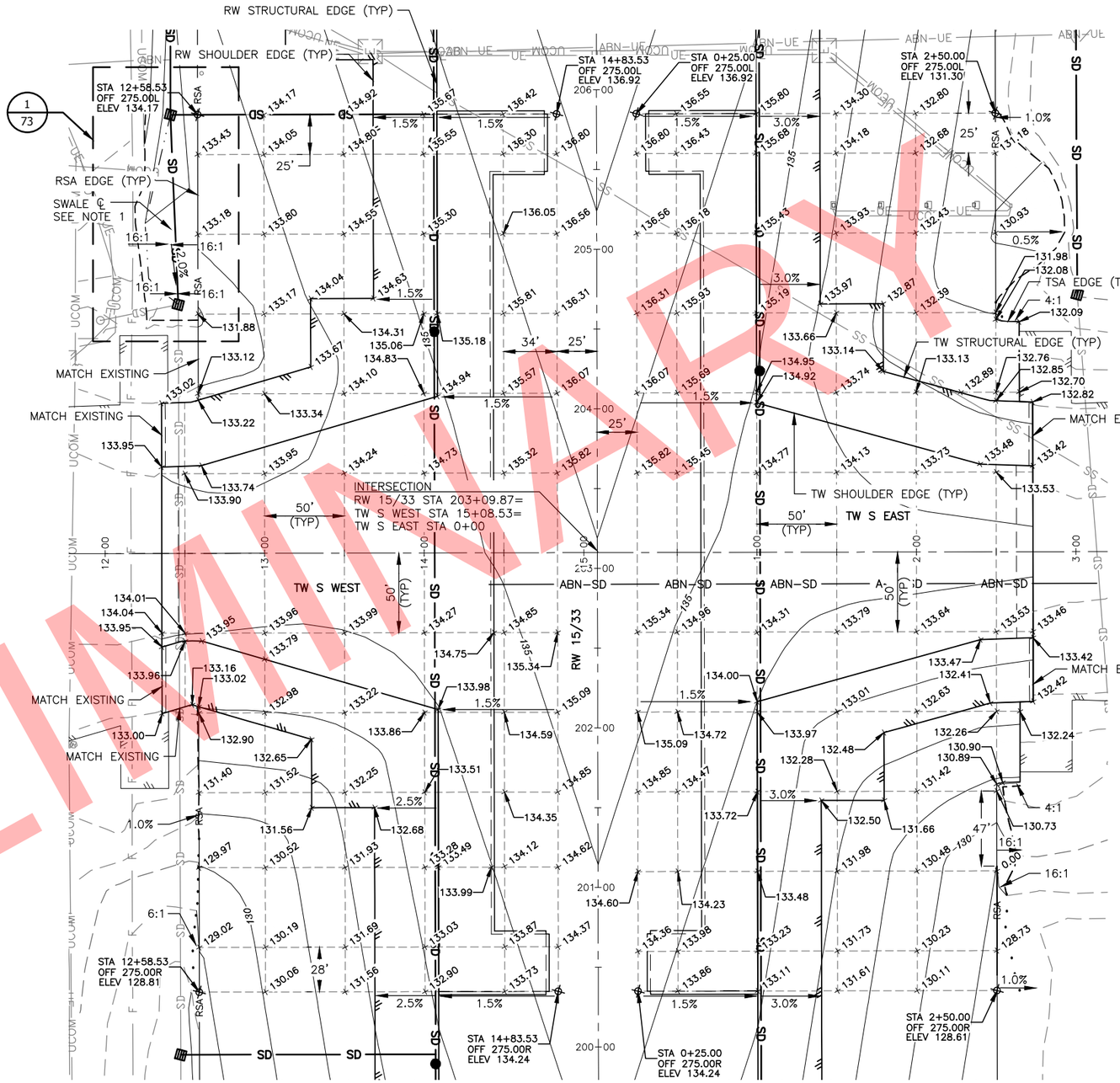
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY S PLAN & PROFILE

DATE: 2/13/2018
SHEET: 72 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 6:04 PM
Layout Name: S WEST
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - TW Plan & Profiles.dwg



1/73 SWALE DETAIL



PRELIMINARY

NOTE:

1. GRID LAYOUT BASED ON TW S STATIONING.

40 20 0' 40 80

STATE OF ALASKA 49 TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
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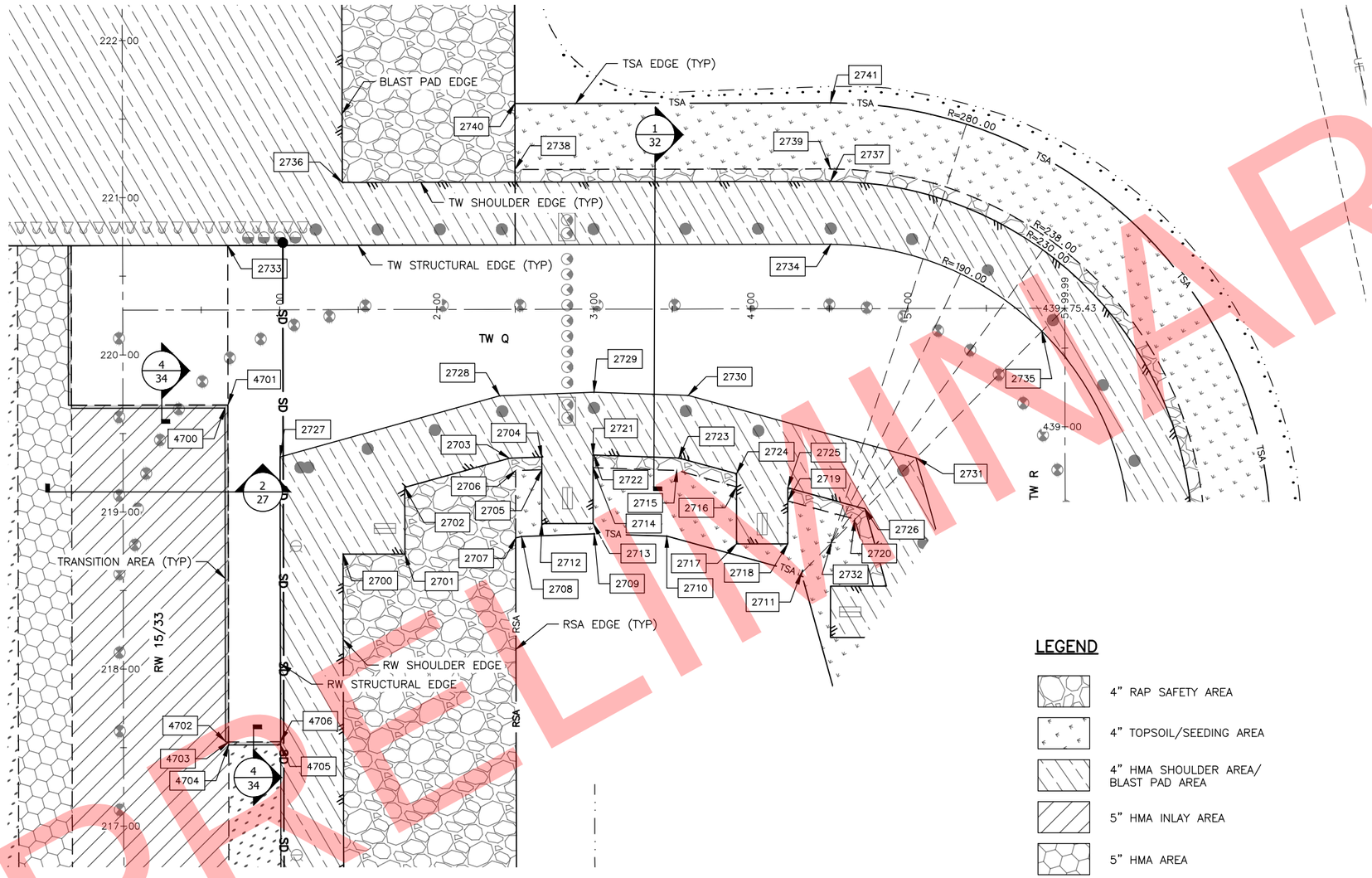
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY S GRADING PLAN

DATE: 2/13/2018
SHEET: 73 OF 123

Designed By:	TC/MR/AD
Drawn By:	RKB
Checked By:	JRB
Date Revised:	2/13/2018, 6:05 PM
Layout Name:	S WEST
File Path and Name:	W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Grading Plan.dwg



LEGEND

- 4" RAP SAFETY AREA
- 4" TOPSOIL/SEEDING AREA
- 4" HMA SHOULDER AREA/ BLAST PAD AREA
- 5" HMA INLAY AREA
- 5" HMA AREA
- 5" HMA STRUCTURAL WIDENING AREA
- 15" HMA AREA
- TRANSITION AREA

HORIZONTAL SCALE
VERTICAL SCALE 1:5

TW Q SITE PLAN SCHEDULE		
POINT	STATION	OFFSET
2700	1+40.00	155.64R
2701	1+79.40	155.64R
2702	1+79.40	113.21R
2703	2+46.11	94.81R
2704	2+66.67	94.08R
2705	2+66.67	102.08R
2706	2+50.00	102.68R
2707	2+50.00	145.60R
2708	2+53.75	144.57R
2709	3+00.00	142.93R
2710	3+46.24	144.57R
2711	4+31.82	168.18R
2712	2+66.67	136.41R
2713	2+99.33	136.41R
2714	2+99.33	100.93R
2715	3+52.66	102.77R
2716	3+90.66	113.25R
2717	3+90.66	149.61R
2718	4+23.32	149.61R
2719	4+23.32	122.26R
2720	4+66.01	134.18R
2721	2+99.33	92.88R
2722	3+00.00	92.90R
2723	3+53.88	94.81R
2724	3+90.66	104.95R
2725	4+23.32	113.96R
2726	4+72.47	127.52R
2727	1+00.00	93.62R
2728	2+40.00	55.00R
2729	3+00.00	52.87R
2730	3+59.99	55.00R
2731	5+04.99	95.00R
2732	4+50.99	149.00R
2733	0+66.92	41.00L
2734	4+50.99	41.00L
2735	5+85.34	14.65R
2736	1+40.00	81.00L
2737	4+50.99	81.00L
2738	2+50.00	89.00L
2739	4+50.99	89.00L
2740	2+50.00	131.00L
2741	4+50.99	131.00L

TW Q TRANSITION SCHEDULE		
POINT	STATION	OFFSET
4700	0+64.92	62.48R
4701	0+66.92	60.48R
4702	0+64.92	274.64R
4703	0+66.92	275.00R
4704	0+66.92	277.00R
4705	1+00.00	277.08R
4706	1+00.00	275.00R

STATE OF ALASKA 49TH
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CE - 13209
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BY	DATE	REVISION

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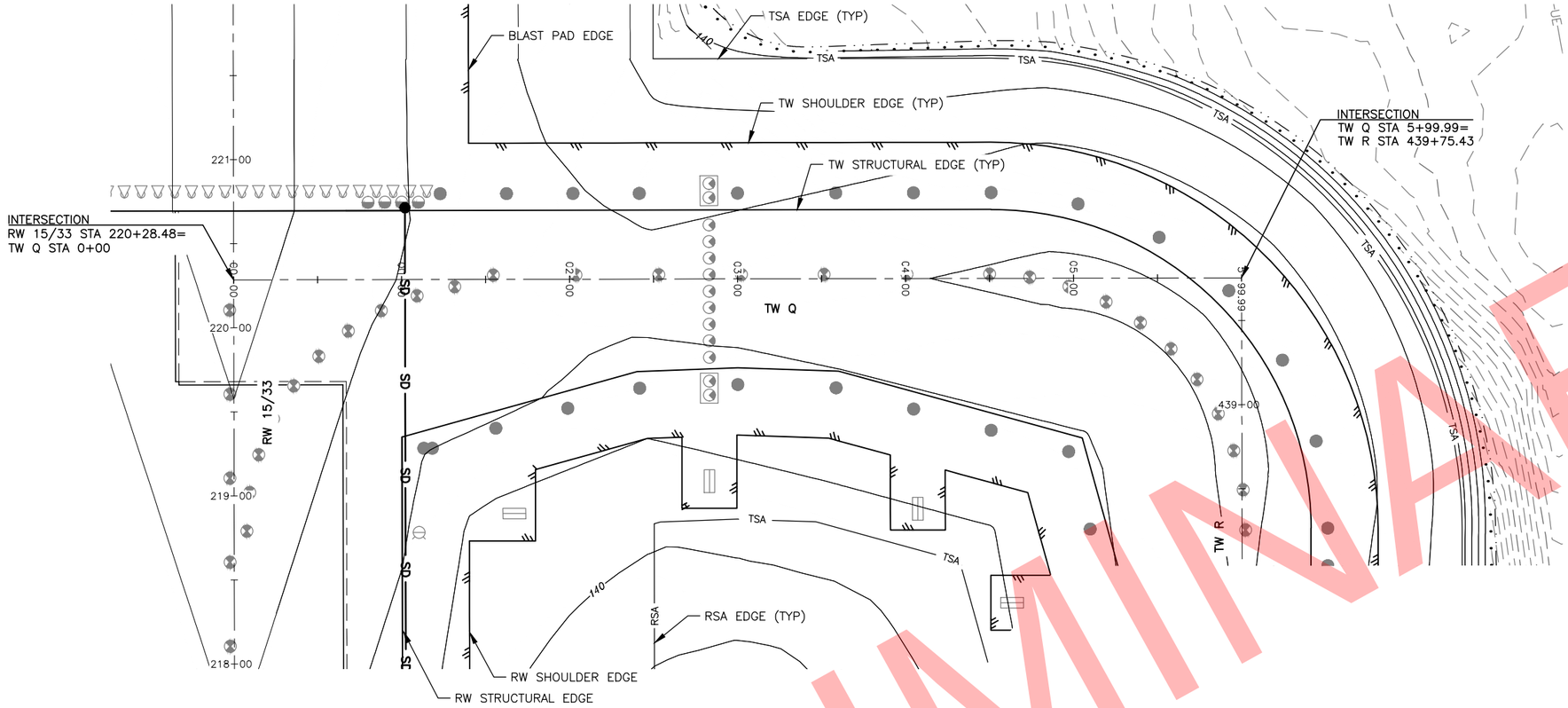
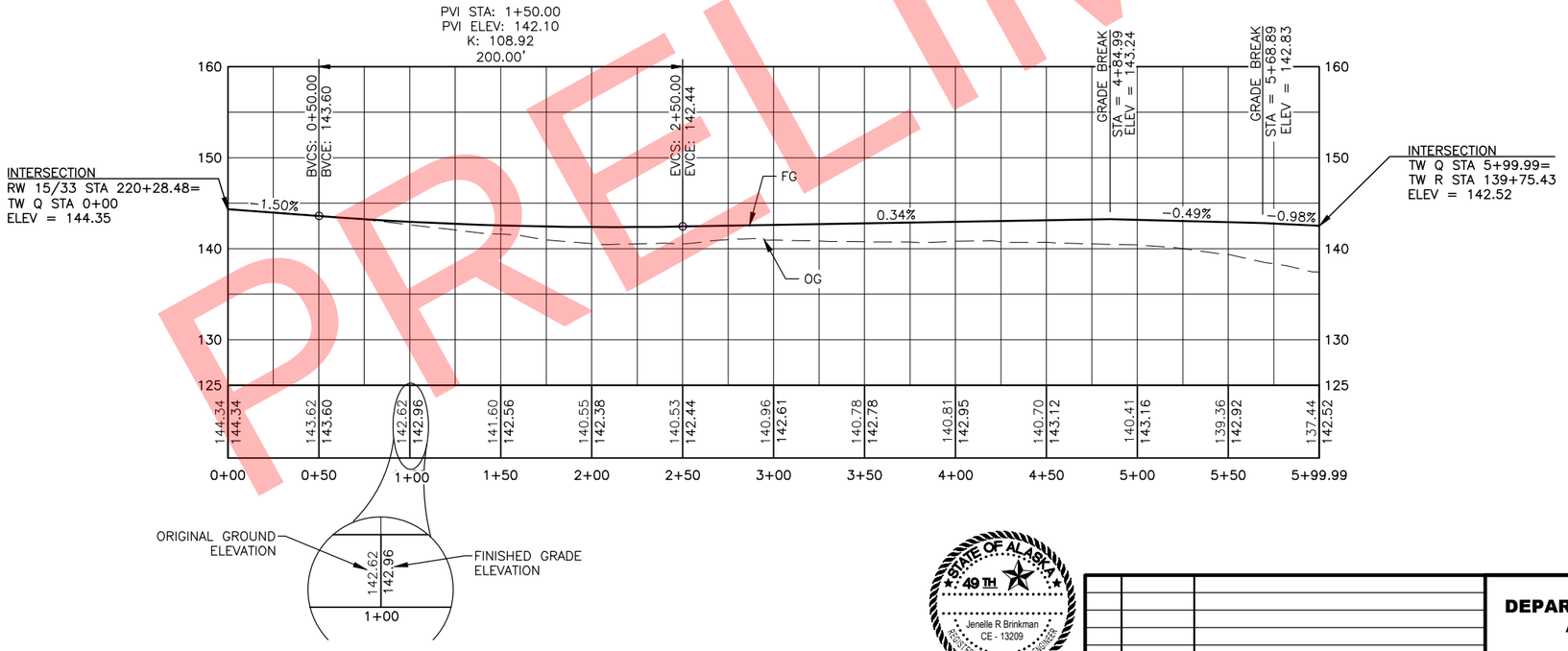
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY Q SITE PLAN

DATE: 2/13/2018
SHEET: 74 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: Q
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA – TW SITE.dwg

PRELIMINARY





PRELIMINARY

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 6:10 PM
Layout Name: Q
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA – TW Plan & Profiles.dwg

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BY	DATE	REVISION

HORIZONTAL SCALE
VERTICAL SCALE 1:5

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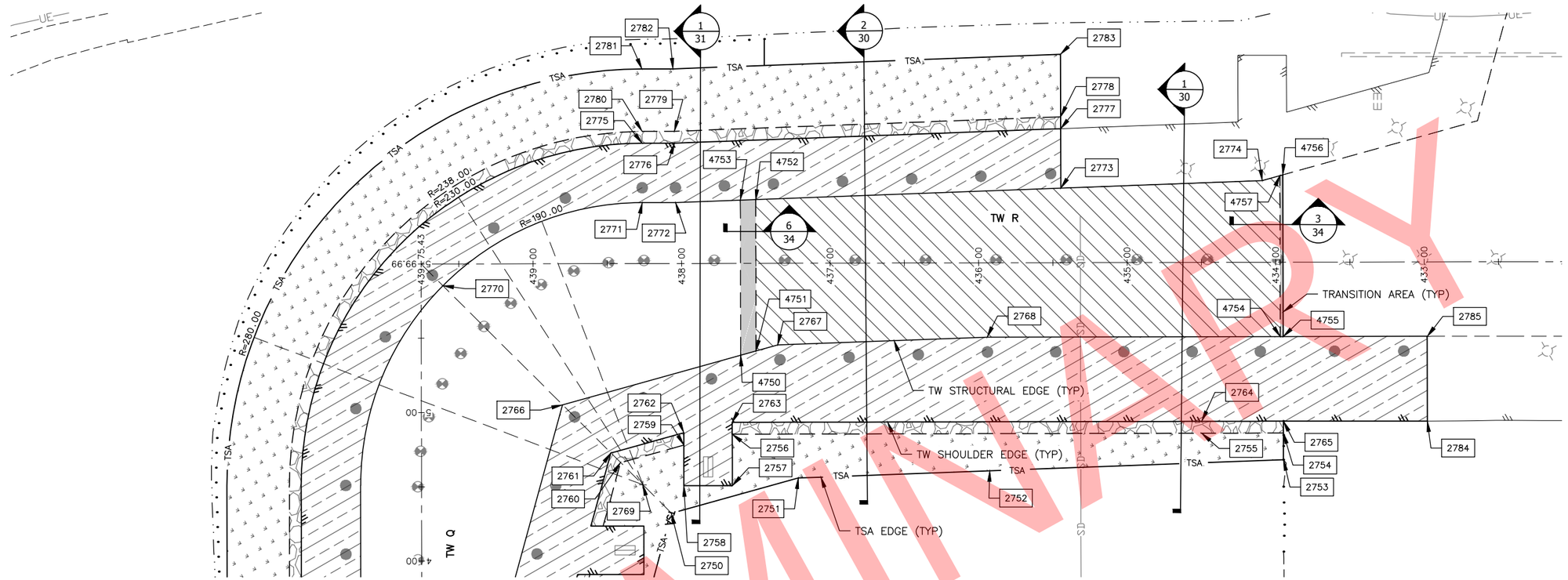
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY Q PLAN & PROFILE

DATE: 2/13/2018
SHEET: 75 OF 123



TW R SITE PLAN SCHEDULE			TW R SITE PLAN SCHEDULE		
POINT	STATION	OFFSET	POINT	STATION	OFFSET
2750	438+07.26	168.21L	2768	435+94.37	50.00L
2751	437+21.68	144.57L	2769	438+26.43	149.00L
2752	435+92.78	140.00L	2770	439+60.77	14.64L
2753	433+95.00	132.99L	2771	438+26.43	41.00R
2754	433+95.00	114.99L	2772	438+03.91	40.97R
2755	434+50.00	115.00L	2773	435+44.53	50.19R
2756	437+66.10	115.00L	2774	434+08.91	55.00R
2757	437+66.10	149.61L	2775	438+26.43	81.00R
2758	437+98.76	149.61L	2776	438+04.61	81.00R
2759	437+98.76	122.26L	2777	435+44.53	90.22R
2760	438+41.36	133.88L	2778	435+44.53	98.22R
2761	438+47.91	127.55L	2779	438+04.75	89.00R
2762	437+98.76	113.96L	2780	438+26.43	89.00R
2763	437+66.10	107.00L	2781	438+26.43	131.00R
2764	434+50.00	107.03L	2782	438+05.51	130.97R
2765	433+95.00	107.00L	2783	435+44.53	140.25R
2766	438+80.43	95.00L	2784	432+98.06	107.10L
2767	437+35.43	55.00L	2785	432+98.00	50.19L

TW R TRANSITION SCHEDULE		
POINT	STATION	OFFSET
4750	437+60.33	61.87L
4751	437+50.00	59.02L
4752	437+50.00	42.44R
4753	437+60.35	42.54R
4754	433+97.00	50.00L
4755	433+95.00	50.00L
4756	433+95.00	58.84R
4757	433+97.00	58.29R

LEGEND

- 4" RAP SAFETY AREA
- 4" TOPSOIL/SEEDING AREA
- 4" HMA SHOULDER AREA
- 5" HMA INLAY AREA
- 15" HMA AREA
- TRANSITION AREA

40 20 0' 40 80

HORIZONTAL SCALE
VERTICAL SCALE 1:5

PRELIMINARY

STATE OF ALASKA 49TH
Jenelle R Brinkman
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BY	DATE	REVISION

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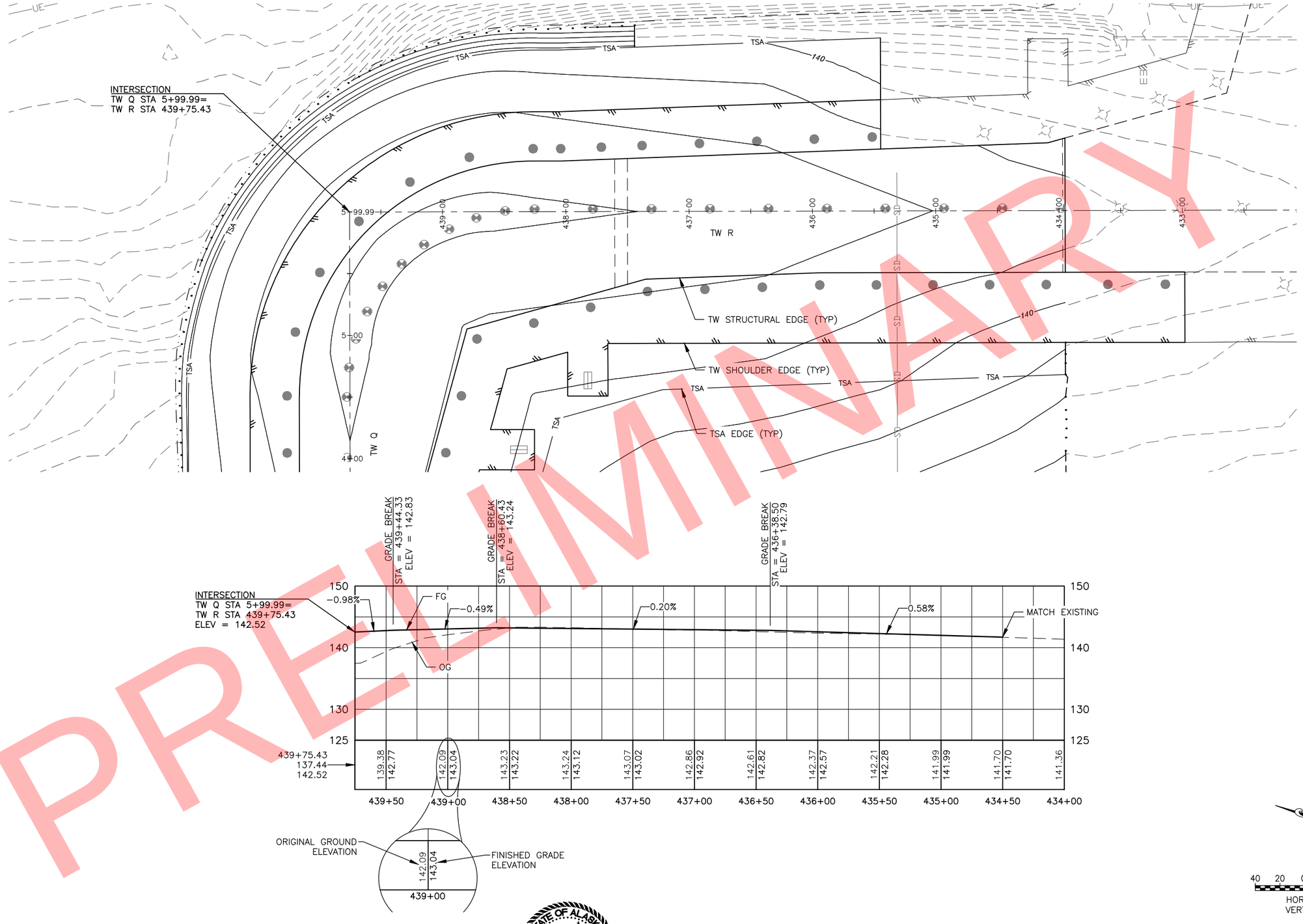
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY R SITE PLAN

DATE: 2/13/2018
SHEET: 76 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: R
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - TW SITE.dwg
2/13/2018, 6:13 PM



PRELIMINARY

40 20 0' 40 80
HORIZONTAL SCALE
VERTICAL SCALE 1:5

STATE OF ALASKA 49TH
Jenelle R Brinkman
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BY	DATE	REVISION

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RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY R PLAN & PROFILE

DATE: 2/13/2018
SHEET: 77 OF 123

Designed By:	TC/MR/AD
Drawn By:	RKB
Checked By:	JRB
Date Revised:	2/13/2018, 6:16 PM
Layout Name:	R
File Path and Name:	W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA – TW Plan & Profiles.dwg

STA 0+25.00
OFF 131.00L
ELEV 144.17

BLAST PAD EDGE

STA 2+85.09
OFF 166.09L

EXISTING DITCH ℄

TW Q

TW R

TSA

TSA EDGE (TYP)

RSA

RSA EDGE (TYP)

SD

US

RW 15/33

MATCHLINE STA 433+95

MATCH EXISTING

STA 432+98.00
OFF 50.00L

STA 432+98.06
OFF 107.10L

STA 435+44.53
OFF 140.25R
ELEV 139.25

STA 435+44.53
OFF 50.22R

TW SHOULDER EDGE (TYP)

TW STRUCTURAL EDGE

STA 433+95.00
OFF 132.99L
ELEV 138.69

STA 2+50.00
OFF 603.48R
ELEV 135.40

STA 0+25.00
OFF 603.48R
ELEV 141.02

RW SHOULDER EDGE

RW STRUCTURAL EDGE

25'

50' (TYP)

4:1

VARIES

3.1%

0.2%

0.9%

3.0%

1.5%

1.7%

1.4%

2.0%

2.3%

2.5%

0.5%

1.0%

221+00

220+00

219+00

218+00

217+00

216+00

215+00

214+00

439+75.43

439+00

438+00

437+00

436+00

435+00

434+00

1+00

2+00

3+00

4+00

5+00

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB

Date Revised: 2/13/2018, 6:17 PM
Layout Name: 0
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Grading Plan.dwg

NOTE:

1. GRID LAYOUT BASED ON TW Q & R STATIONING.

40 20 0' 40 80

PRELIMINARY

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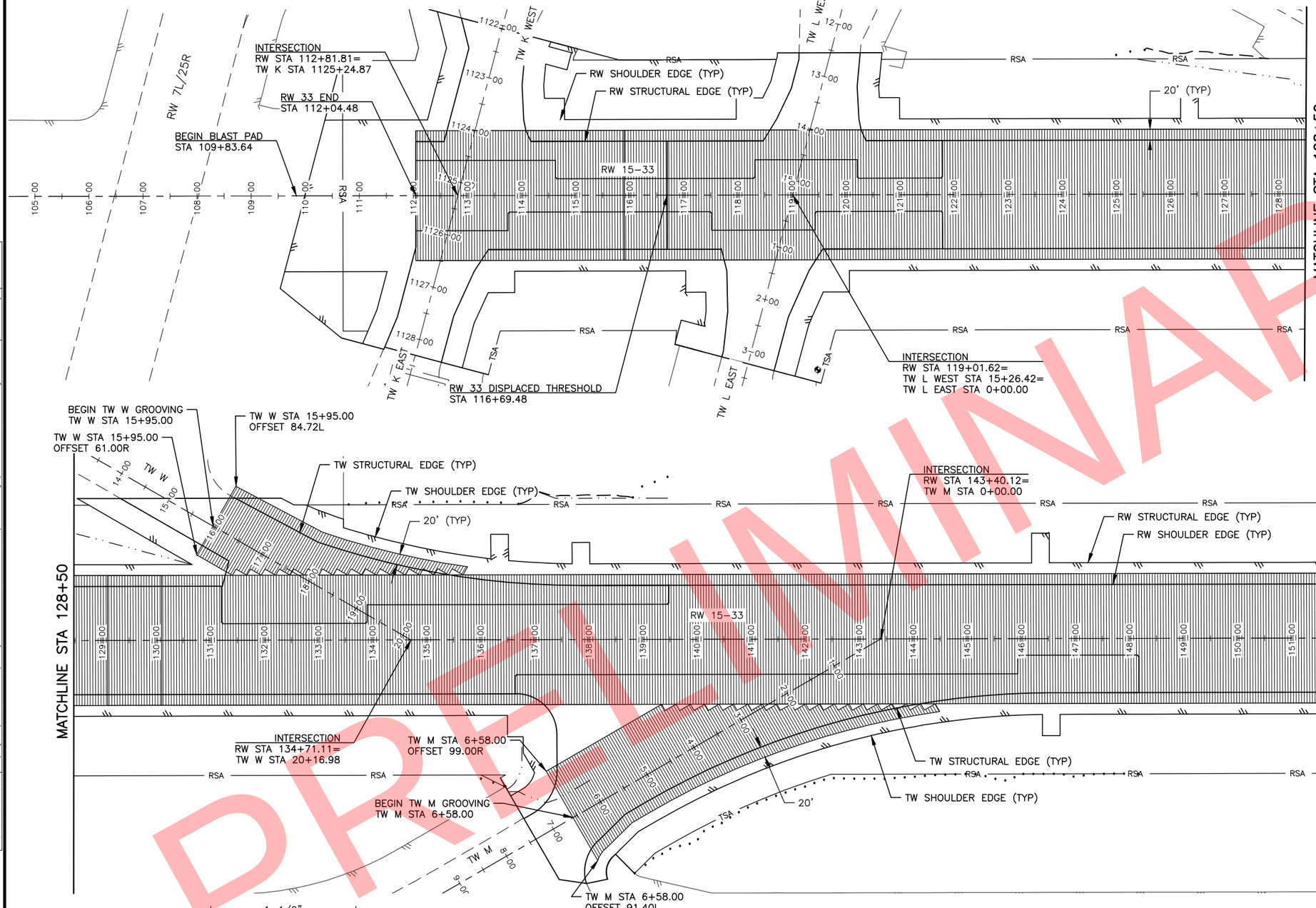
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY Q & R GRADING PLAN

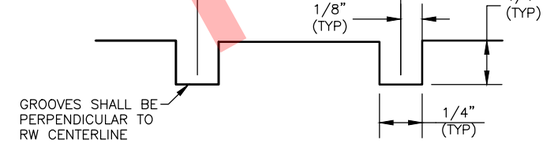
DATE: 2/13/2018

SHEET: 78 OF 123



GROOVING NOTES:

1. RW GROOVING HAS PRECEDENCE OVER TW GROOVING.
2. RW GROOVING SHALL BE LAID OUT FIRST.
3. RW GROOVING SHALL START AT RW STA 112+04.48 AND CONTINUE TO STA 220+69.48.
4. RW GROOVING SHALL EXTEND 20' BEYOND THE STRUCTURAL EDGE.
5. RW GROOVING SHALL BE TRANSVERESE (PERPENDICULAR) TO THE DIRECTION OF AIRCRAFT LANDING AND TAKEOFF OPERATIONS.
6. TW GROOVING SHALL BE PERPENDICULAR TO THE TW CENTERLINE.
7. TW GROOVING SHALL EXTEND 20' BEYOND THE STRUCTUAL EDGE ON TW.
8. TW GROOVING SHALL BE LAID IN STEPPED PATTERNS ON THE TW AT THE RW INTERSECTION PER THE CURRENT FAA AC 150/5320–12.
9. GROOVING PATTERNS SHALL NOT CROSS ONE ANOTHER.



1/79 TYPICAL PAVEMENT GROOVING SECTION
NTS

LEGEND

GROOVING AREA

100' 50' 0 100' 200'
HORIZONTAL SCALE

PRELIMINARY

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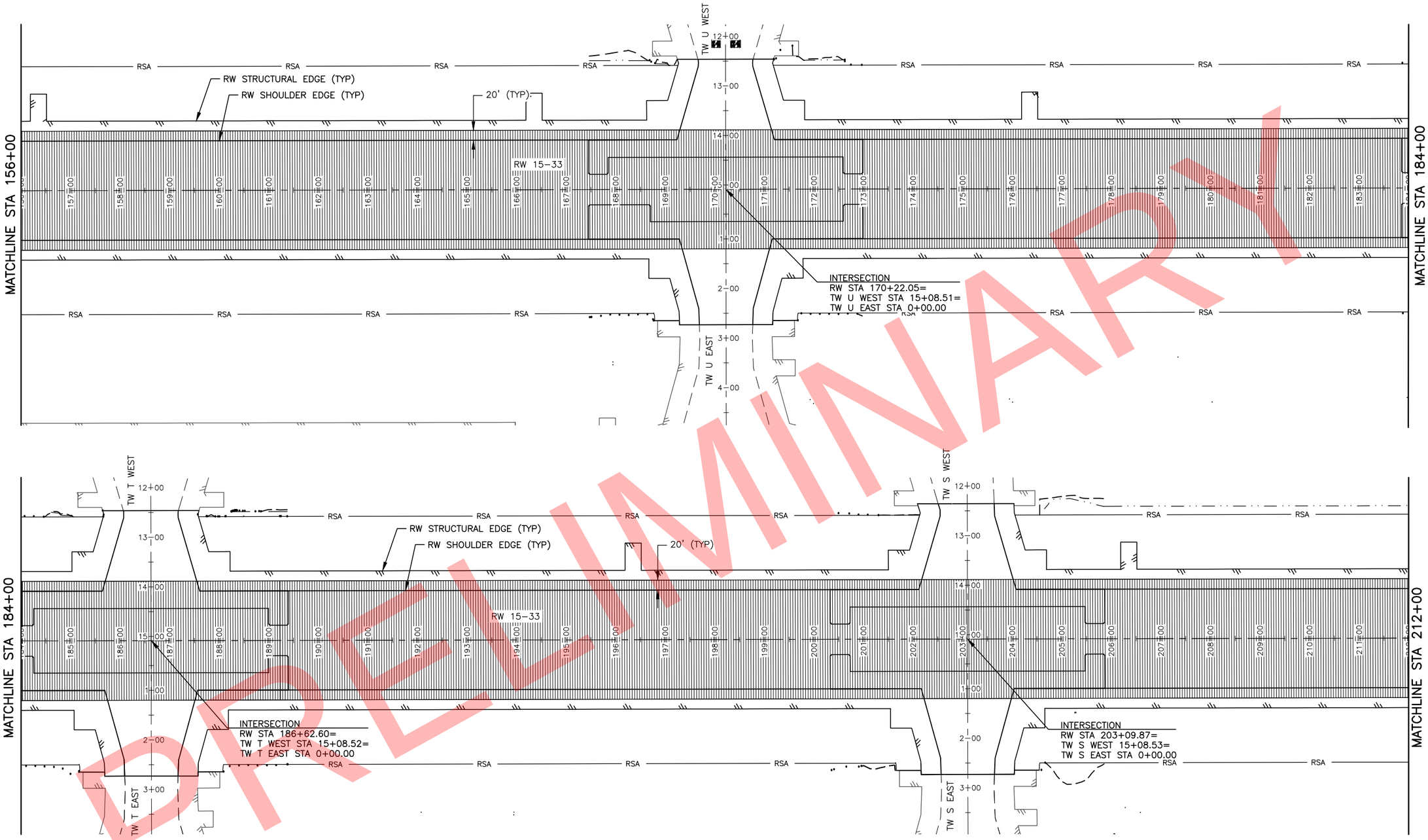
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
GROOVING PLAN
STA 108+00 TO 156+00

DATE: 2/13/2018
SHEET: 79 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 6:51 PM
Layout Name: 108+00 TO 156+00
File Path and Name: W:\Projects\ANA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - GROOVING.dwg



PRELIMINARY

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 6:51 PM
Layout Name: 156+00 TO 212+00
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - GROOVING.dwg

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BY	DATE	REVISION

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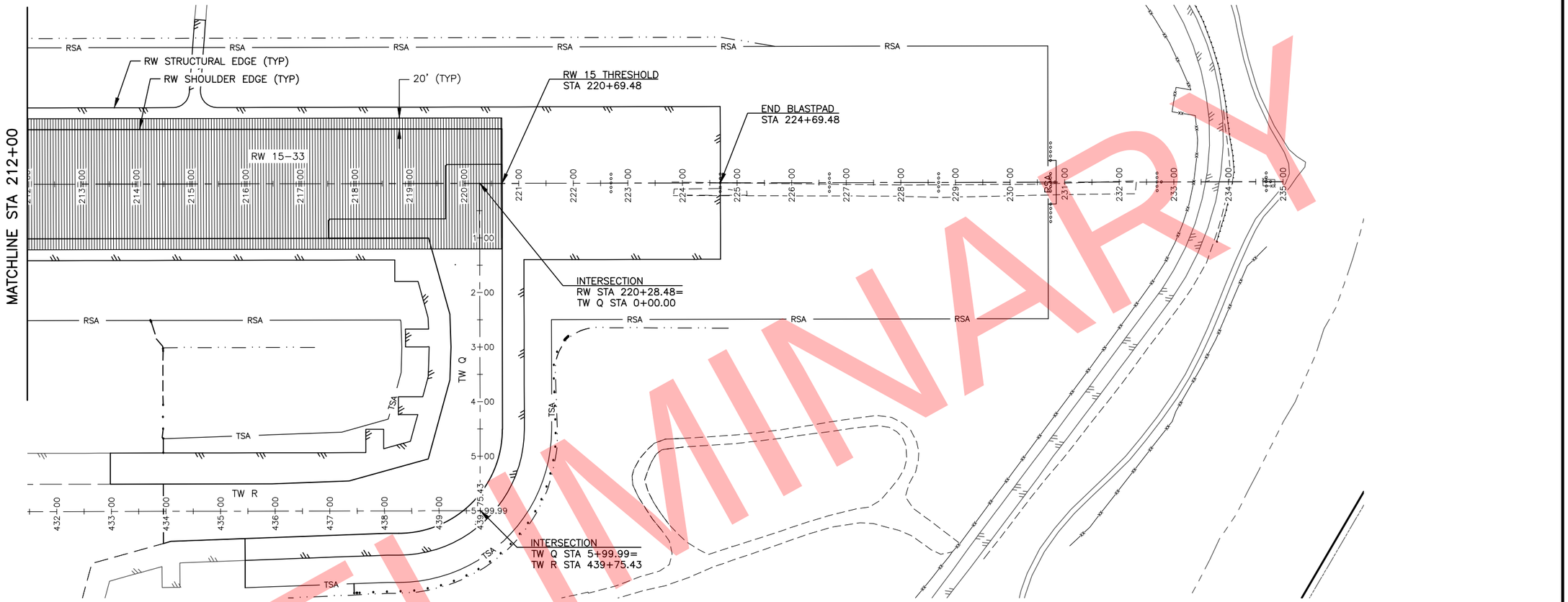
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
GROOVING PLAN
STA 156+00 TO 212+00

DATE: 2/13/2018
SHEET: 80 OF 123



PRELIMINARY

100' 50' 0 100' 200'
HORIZONTAL SCALE

STATE OF ALASKA 49TH
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BY	DATE	REVISION

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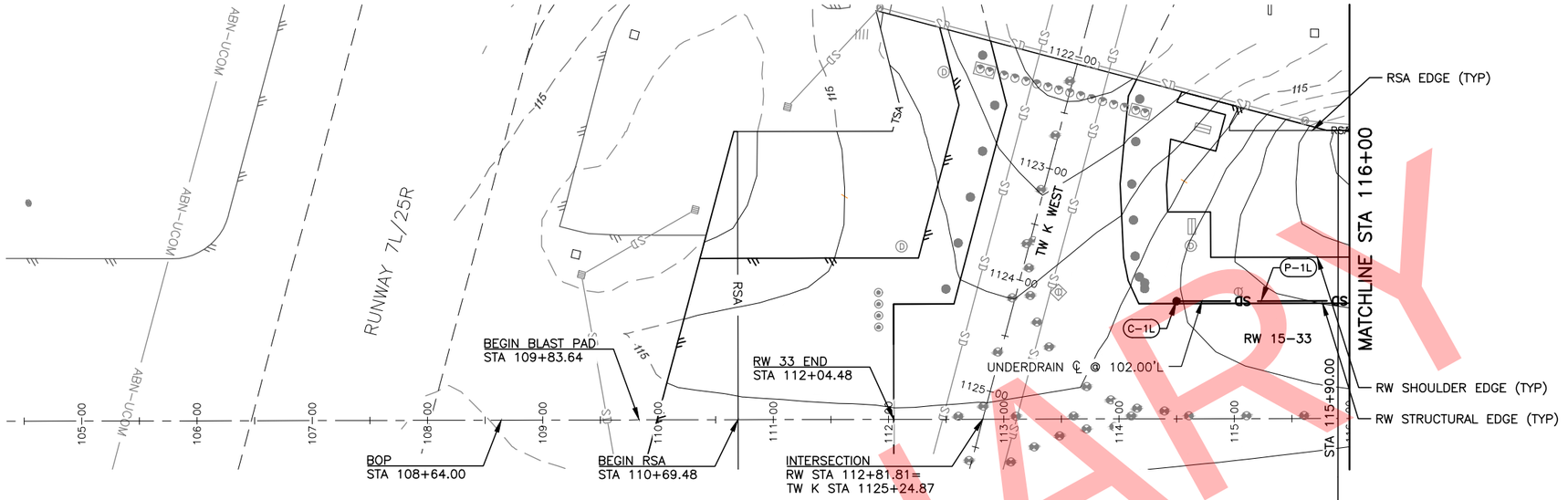
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
GROOVING PLAN
STA 212+00 TO 235+00

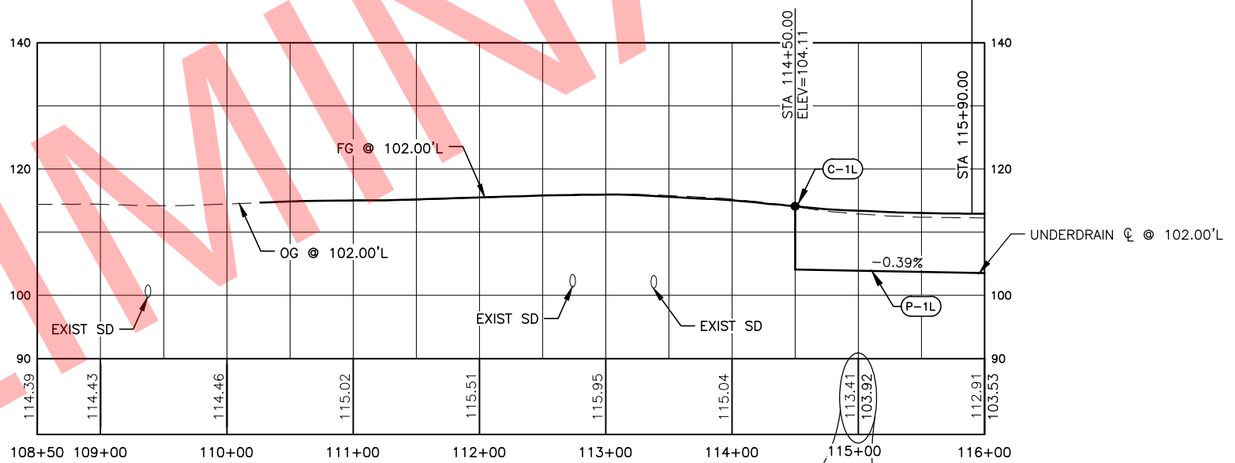
DATE: 2/13/2018

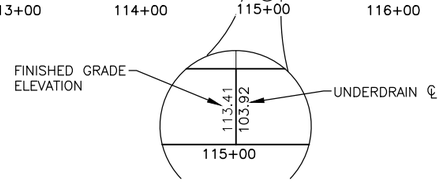
SHEET: 81 OF 123

Designed By:	TC/MR/AD
Drawn By:	RKB
Checked By:	JRB
Date Revised:	2/13/2018, 6:51 PM
Layout Name:	212+00 TO 235+00
File Path and Name:	W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - GROOVING.dwg



PHASE 2 PHASE 1





CLEANOUT SCHEDULE D-705f

CLEANOUT ID	STATION	OFFSET	LID ELEV	COMMENTS
C-1L	114+50.00	102.00L	114.11	SEE DETAIL 2/100 & NOTE 2

TYPICAL DRAINAGE NOTES:

1. STORM DRAIN PIPE INVERT ELEVATIONS ARE OBTAINED FROM AS-BUILTS AND BEST AVAILABLE INFORMATION. CONTRACTOR SHALL FIELD VERIFY ELEVATIONS AND MATCH EXIST STORM DRAIN AND STORM DRAIN MANHOLE CONNECTIONS.
2. MANHOLES AND UNDERDRAIN CLEANOUTS MUST BE CERTIFIED BY THE MANUFACTURER TO WITHSTAND AIRCRAFT LOADING PER D-751.
3. MANHOLES MUST RECIEVE NEW FRAMES AND INLET STYLE GRATES CERTIFIED BY THE MANUFACTURER TO WITHSTAND H-25 LOADING.
4. MANHOES MUST BE CERTIFIED BY THE MANUFACTURER TO WITHSTAND H-25 LOADING.

LEGEND

- SD — PROPOSED UNDERDRAIN/STORM DRAIN
- ■ PROPOSED/RECONSTRUCT MANHOLE
- ● PROPOSED CLEANOUT

60' 30' 0 60' 120'

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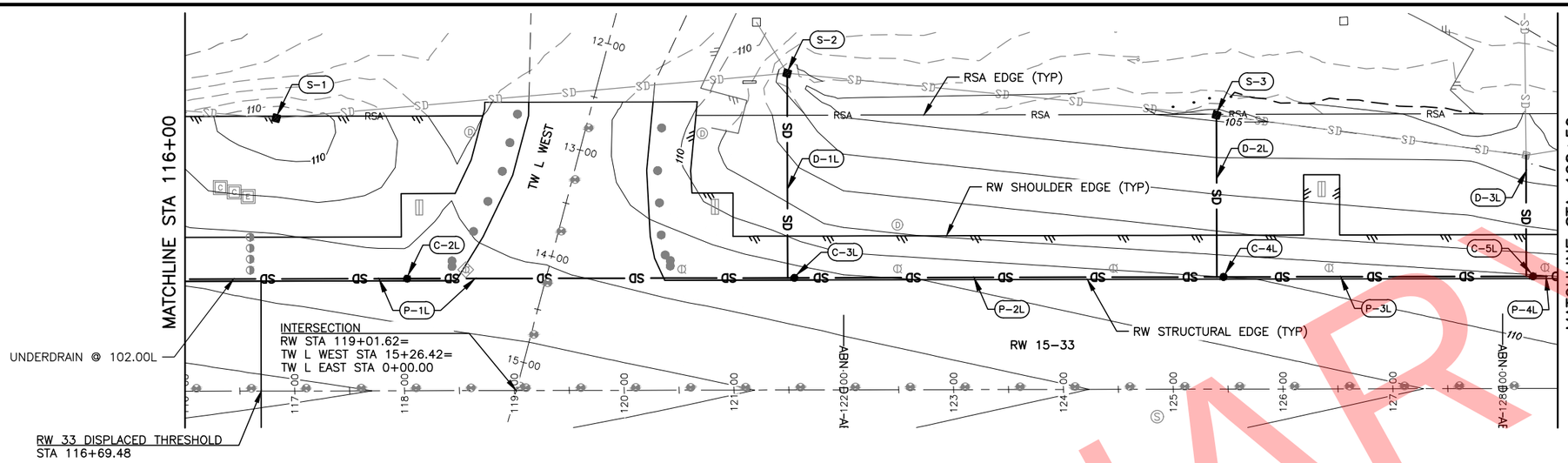
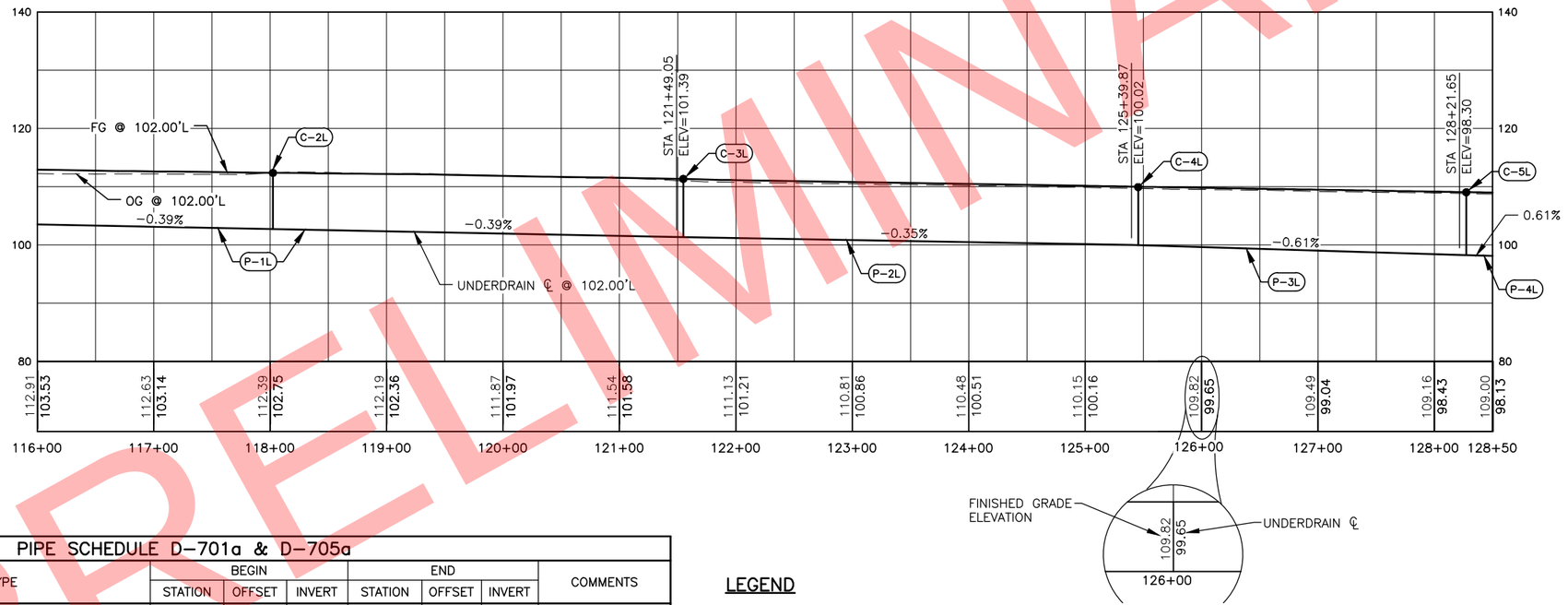
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
DRAINAGE PLAN & PROFILE LEFT
STA 104+50 TO 116+00

DATE: 2/13/2018
SHEET: 82 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: WEST1
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - DRAINAGE.dwg 2/13/2018, 6:54 PM

PRELIMINARY





PIPE SCHEDULE D-701a & D-705a

PIPE ID	DIA (IN)	LENGTH (FT)	TYPE	BEGIN			END			COMMENTS
				STATION	OFFSET	INVERT	STATION	OFFSET	INVERT	
P-1L	8	699.05	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	114+50.00	102.00L	104.16	121+49.05	102.00L	101.39	PROPOSED PIPE
P-2L	8	390.82	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	121+49.05	102.00L	101.39	125+39.87	102.00L	100.02	PROPOSED PIPE
P-3L	8	281.78	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	125+39.87	102.00L	100.02	128+21.65	102.00L	98.30	PROPOSED PIPE
D-1L	8	186.13	CPE PIPE	121+49.05	102.00L	101.39	121+49.05	288.13	98.60	PROPOSED PIPE
D-2L	8	147.41	CPE PIPE	125+39.87	102.00L	100.02	125+39.87	249.41	94.86	PROPOSED PIPE
D-3L	8	110.11	CPE PIPE	128+21.65	102.00L	98.30	128+21.65	212.11	94.45	PROPOSED PIPE

MANHOLE SCHEDULE D-751a & D-751o

MH ID	STATION	OFFSET	RIM ELEV	COMMENTS
S-1	116+83.75	248.28L	108.56	REPLACE SEE NOTE 2
S-2	121+49.05	288.13L	106.15	RECONSTRUCT SEE NOTE 3
S-3	125+39.87	249.41L	104.80	REPLACE SEE NOTE 2

LEGEND

- SD — PROPOSED UNDERDRAIN/STORM DRAIN
- ■ PROPOSED/RECONSTRUCT MANHOLE
- ● PROPOSED CLEANOUT

CLEANOUT SCHEDULE D-705f

CLEANOUT ID	STATION	OFFSET	LID ELEV	COMMENTS
C-2L	118+02.50	102.00L	112.39	SEE DETAIL 1/100 & NOTE 2
C-3L	121+55.05	102.00L	111.34	SEE DETAIL 1/100 & NOTE 2
C-4L	125+45.87	102.00L	110.00	SEE DETAIL 1/100 & NOTE 2
C-5L	128+27.65	102.00L	109.09	SEE DETAIL 1/100 & NOTE 2

60' 30' 0 60' 120'

STATE OF ALASKA 49TH
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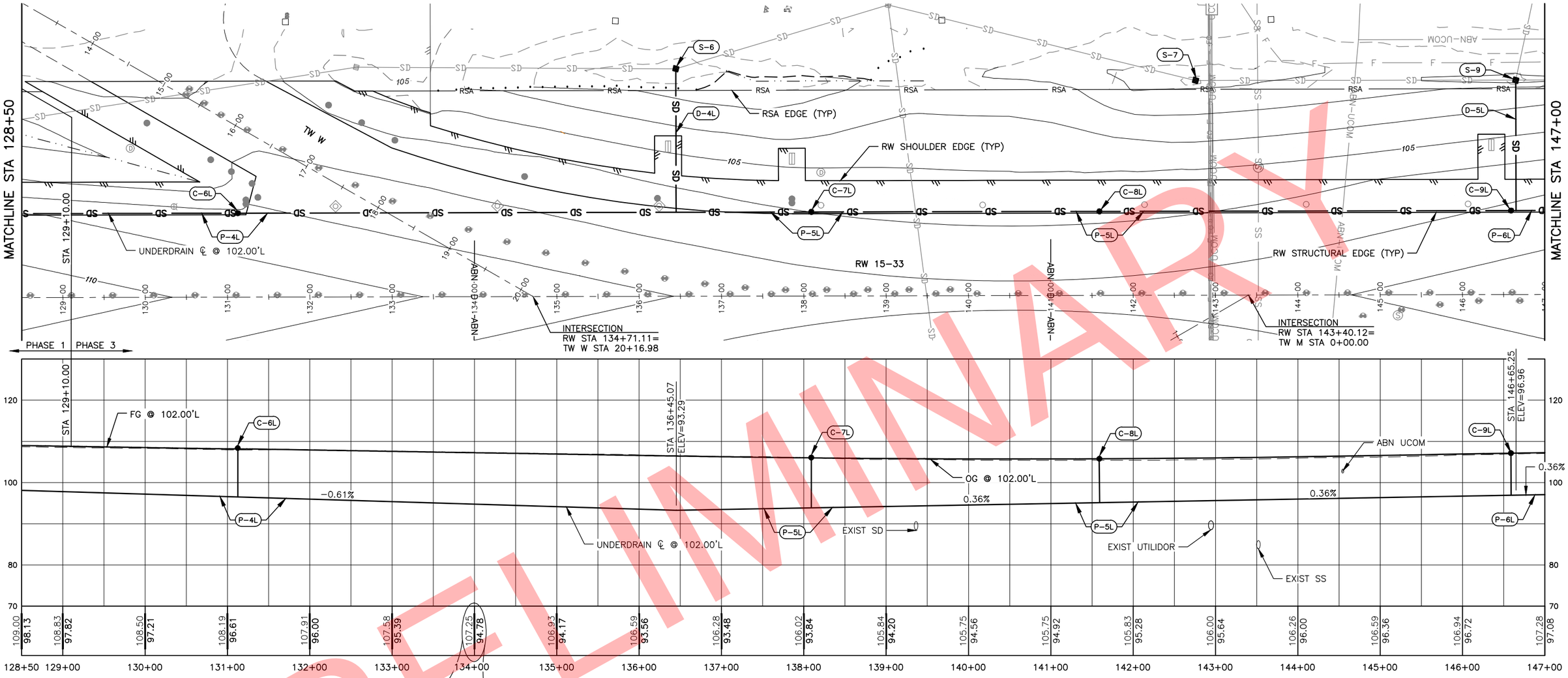
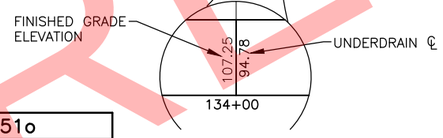
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
DRAINAGE PLAN & PROFILE LEFT
STA 116+00 TO 128+50

DATE: 2/13/2018
SHEET: 83 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: WEST2
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - DRAINAGE.dwg
2/13/2018, 6:55 PM

PRELIMINARY





MANHOLE SCHEDULE D-751a & D-751o

MH ID	STATION	OFFSET	RIM ELEV	COMMENTS
S-6	136+45.07	276.23	101.02	RECONSTRUCT, SEE NOTE 3
S-7	142+76.29	260.75	101.29	RECONSTRUCT, SEE NOTE 3
S-9	146+65.25	260.43	101.49	RECONSTRUCT, SEE NOTE 3

CLEANOUT SCHEDULE D-705f

CLEANOUT ID	STATION	OFFSET	LID ELEV	COMMENTS
C-6L	131+12.65	102.00L	108.16	SEE DETAIL 1/100 & NOTE 2
C-7L	138+09.25	102.00L	106.00	SEE DETAIL 1/100 & NOTE 2
C-8L	142+34.25	102.00L	105.88	SEE DETAIL 1/100 & NOTE 2
C-9L	146+59.25	102.00L	107.14	SEE DETAIL 1/100 & NOTE 2

PIPE SCHEDULE D-701a & D-705a

PIPE ID	DIA (IN)	LENGTH (FT)	TYPE	BEGIN			END			COMMENTS
				STATION	OFFSET	INVERT	STATION	OFFSET	INVERT	
P-4L	8	823.42	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	128+21.65	102.00L	98.30	136+45.07	102.00L	93.29	PROPOSED PIPE
P-5L	8	1020.18	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	136+45.07	102.00L	93.29	146+65.25	102.00L	96.96	PROPOSED PIPE
P-6L	8	399.68	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	146+65.25	102.00L	96.96	150+64.93	102.00L	98.40	PROPOSED PIPE
D-4L	8	174.23	CPE PIPE	136+45.07	102.00L	93.29	136+45.07	276.23L	87.19	PROPOSED PIPE
D-5L	8	158.43	CPE PIPE	146+65.25	102.00L	96.96	146+65.25	260.43L	91.41	PROPOSED PIPE

LEGEND

- SD — PROPOSED UNDERDRAIN/STORM DRAIN
- ■ PROPOSED/RECONSTRUCT MANHOLE
- ● PROPOSED CLEANOUT

60' 30' 0 60' 120'

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

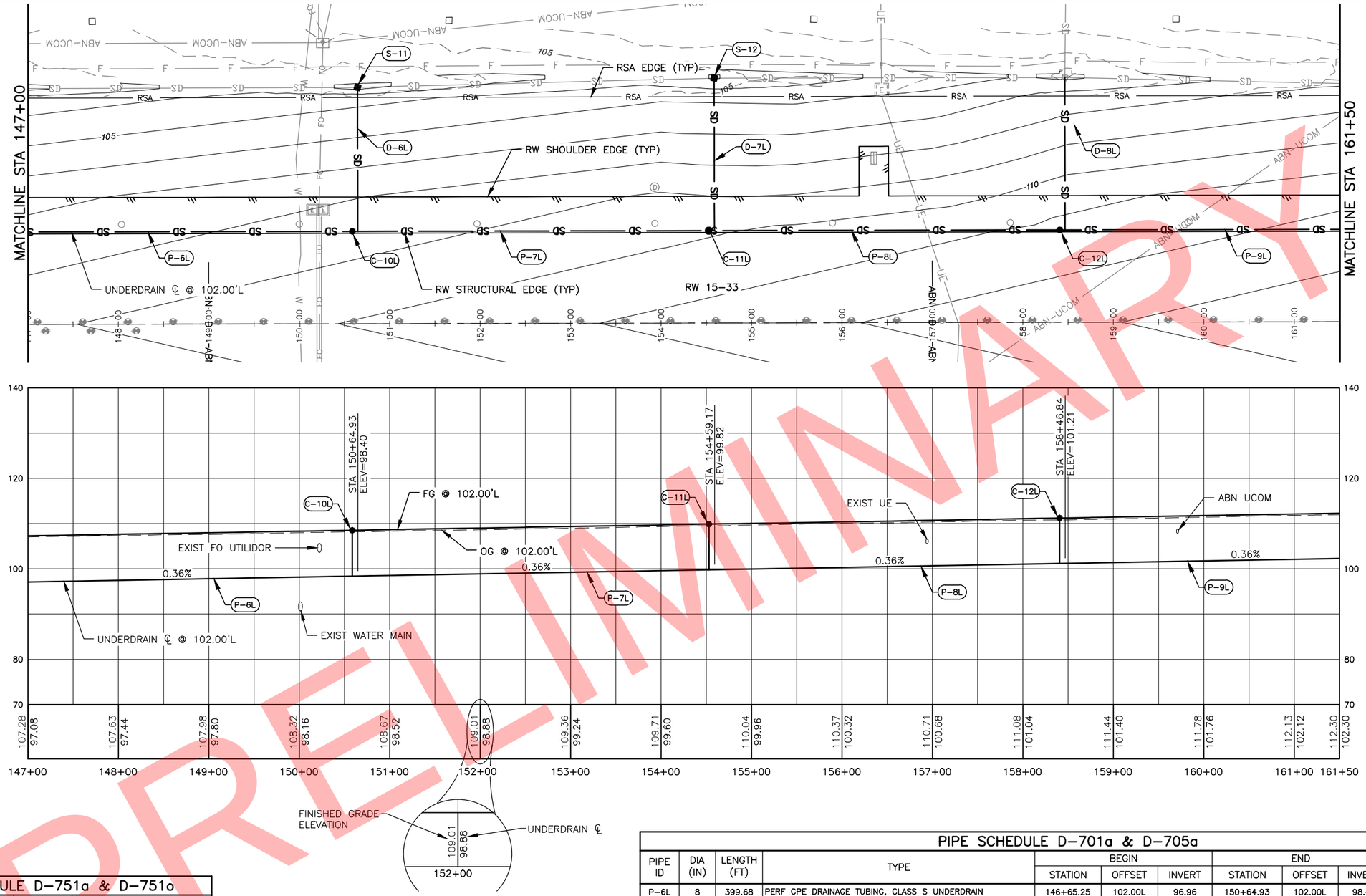
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
DRAINAGE PLAN & PROFILE LEFT
STA 128+50 TO 147+00

DATE: 2/13/2018
SHEET: 84 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 6:57 PM
Layout Name: WEST3
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - DRAINAGE.dwg

PRELIMINARY



MANHOLE SCHEDULE D-751a & D-751o

MH ID	STATION	OFFSET	RIM ELEV	COMMENTS
S-11	150+64.93	261.10L	102.78	RECONSTRUCT, SEE NOTE 3
S-12	154+59.17	270.51L	103.96	RECONSTRUCT, SEE NOTE 3

CLEANOUT SCHEDULE D-705f

CLEANOUT ID	STATION	OFFSET	LID ELEV	COMMENTS
C-10L	150+58.93	102.00L	108.53	SEE DETAIL 1/100 & NOTE 2
C-11L	154+53.17	102.00L	109.88	SEE DETAIL 1/100 & NOTE 2
C-12L	158+40.84	102.00L	111.23	SEE DETAIL 1/100 & NOTE 2

LEGEND

- SD — PROPOSED UNDERDRAIN/STORM DRAIN
- ■ PROPOSED/RECONSTRUCT MANHOLE
- ● PROPOSED CLEANOUT

60' 30' 0 60' 120'

PIPE SCHEDULE D-701a & D-705a

PIPE ID	DIA (IN)	LENGTH (FT)	TYPE	BEGIN			END			COMMENT
				STATION	OFFSET	INVERT	STATION	OFFSET	INVERT	
P-6L	8	399.68	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	146+65.25	102.00L	96.96	150+64.93	102.00L	98.40	PROPOSED PIPE
P-7L	8	394.24	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	150+64.93	102.00L	98.40	154+59.17	102.00L	99.82	PROPOSED PIPE
P-8L	8	387.67	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	154+59.17	102.00L	99.82	158+46.84	102.00L	101.21	PROPOSED PIPE
P-9L	8	398.81	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	158+46.84	102.00L	101.21	162+45.65	102.00L	102.65	PROPOSED PIPE
D-6L	8	159.10	CPE PIPE	150+64.93	102.00L	98.40	150+64.93	261.10	92.83	PROPOSED PIPE
D-7L	8	168.51	CPE PIPE	154+59.17	102.00L	99.82	154+59.17	270.51	93.92	PROPOSED PIPE
D-8L	8	168.39	CPE PIPE	158+46.84	102.00L	101.21	158+46.84	270.39	95.82	PROPOSED PIPE

PRELIMINARY

STATE OF ALASKA 49TH — Jenelle R Brinkman CE - 13209 — REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
DRAINAGE PLAN & PROFILE LEFT
STA 147+00 TO 161+50

DATE: 2/13/2018
SHEET: 85 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: WEST4
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - DRAINAGE.dwg
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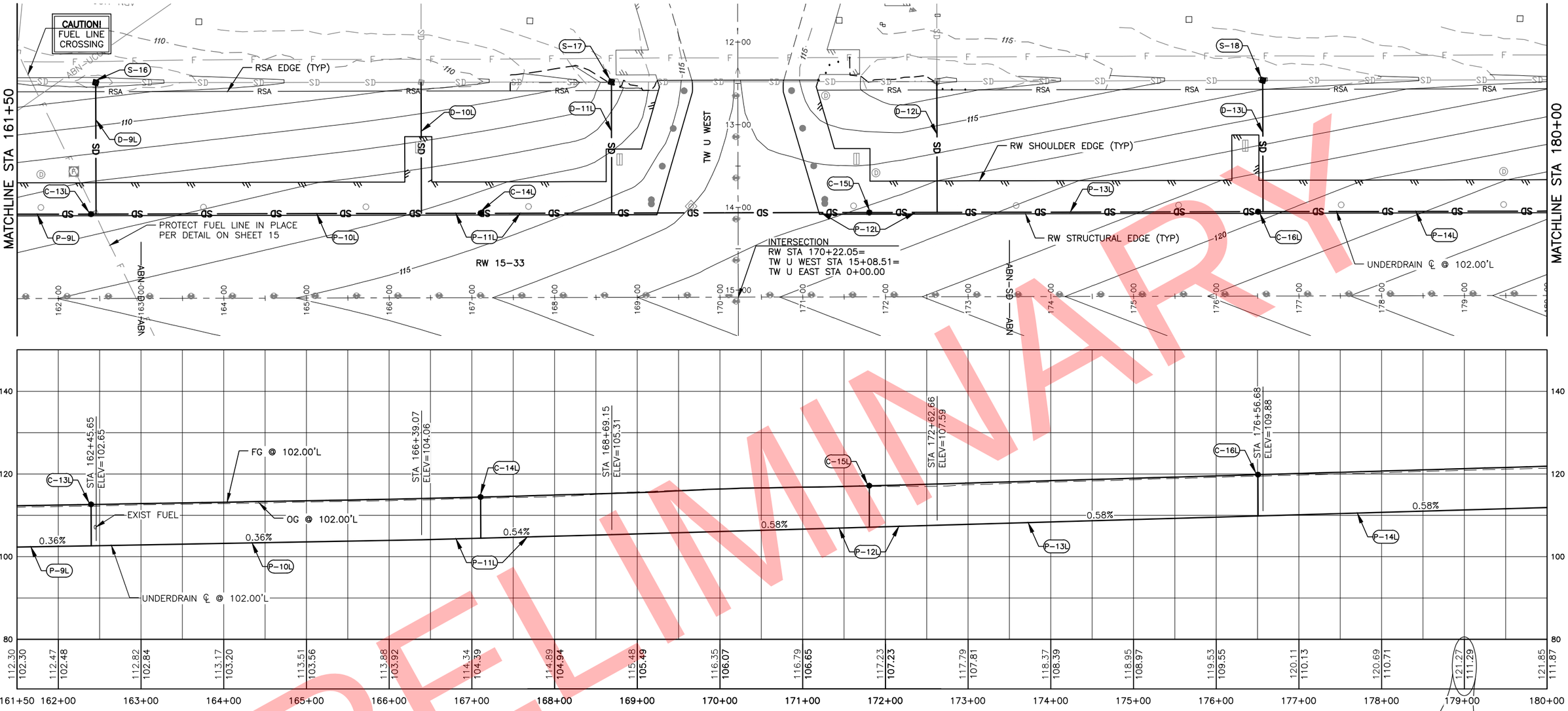
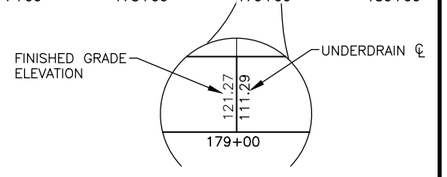




PIPE SCHEDULE D-701a & D-705a

PIPE ID	DIA (IN)	LENGTH (FT)	TYPE	BEGIN STATION	BEGIN OFFSET	BEGIN INVERT	END STATION	END OFFSET	END INVERT	COMMENTS
P-9L	8	398.81	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	158+46.84	102.00L	101.21	162+45.65	102.00L	102.65	PROPOSED PIPE
P-10L	8	393.42	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	162+45.65	102.00L	102.65	166+39.07	102.00L	104.06	PROPOSED PIPE
P-11L	8	230.08	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	166+39.07	102.00L	104.06	168+69.15	102.00L	105.31	PROPOSED PIPE
P-12L	8	393.51	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	168+69.15	102.00L	105.31	172+62.66	102.00L	107.59	PROPOSED PIPE
P-13L	8	394.02	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	172+62.66	102.00L	107.59	176+56.68	102.00L	109.88	PROPOSED PIPE
P-14L	8	393.63	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	176+56.68	102.00L	109.88	180+50.31	102.00L	112.16	PROPOSED PIPE
D-9L	8	158.92	CPE PIPE	162+45.65	102.00L	102.65	162+45.65	260.92L	97.88	PROPOSED PIPE
D-10L	8	158.52	CPE PIPE	166+39.07	102.00L	104.06	166+39.07	260.52L	100.73	PROPOSED PIPE
D-11L	8	158.54	CPE PIPE	168+69.15	102.00L	105.31	168+69.15	260.54L	101.82	PROPOSED PIPE
D-12L	8	158.22	CPE PIPE	172+62.66	102.00L	107.59	172+62.66	260.22L	104.03	PROPOSED PIPE
D-13L	8	158.83	CPE PIPE	176+56.68	102.00L	109.88	176+56.68	260.83L	106.31	PROPOSED PIPE

CLEANOUT SCHEDULE D-705f

CLEANOUT ID	STATION	OFFSET	LID ELEV	COMMENTS
C-13L	162+39.65	102.00L	112.61	SEE DETAIL 1/100 & NOTE 2
C-14L	167+10.68	102.00L	114.40	SEE DETAIL 1/100 & NOTE 2
C-15L	171+80.68	102.00L	117.30	SEE DETAIL 1/100 & NOTE 2
C-16L	176+50.68	102.00L	119.83	SEE DETAIL 1/100 & NOTE 2

MANHOLE SCHEDULE D-751a & D-751o

MH ID	STATION	OFFSET	RIM ELEV	COMMENTS
S-16	162+45.65	260.92L	107.43	RECONSTRUCT, SEE NOTE 3
S-17	168+69.15	260.54L	112.53	RECONSTRUCT, SEE NOTE 3
S-18	176+56.68	260.83L	114.97	RECONSTRUCT, SEE NOTE 3

LEGEND

- SD — PROPOSED UNDERDRAIN/STORM DRAIN
- ■ PROPOSED/RECONSTRUCT MANHOLE
- ● PROPOSED CLEANOUT

60' 30' 0 60' 120'

STATE OF ALASKA 49TH — Jenelle R Brinkman CE - 13209 — REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

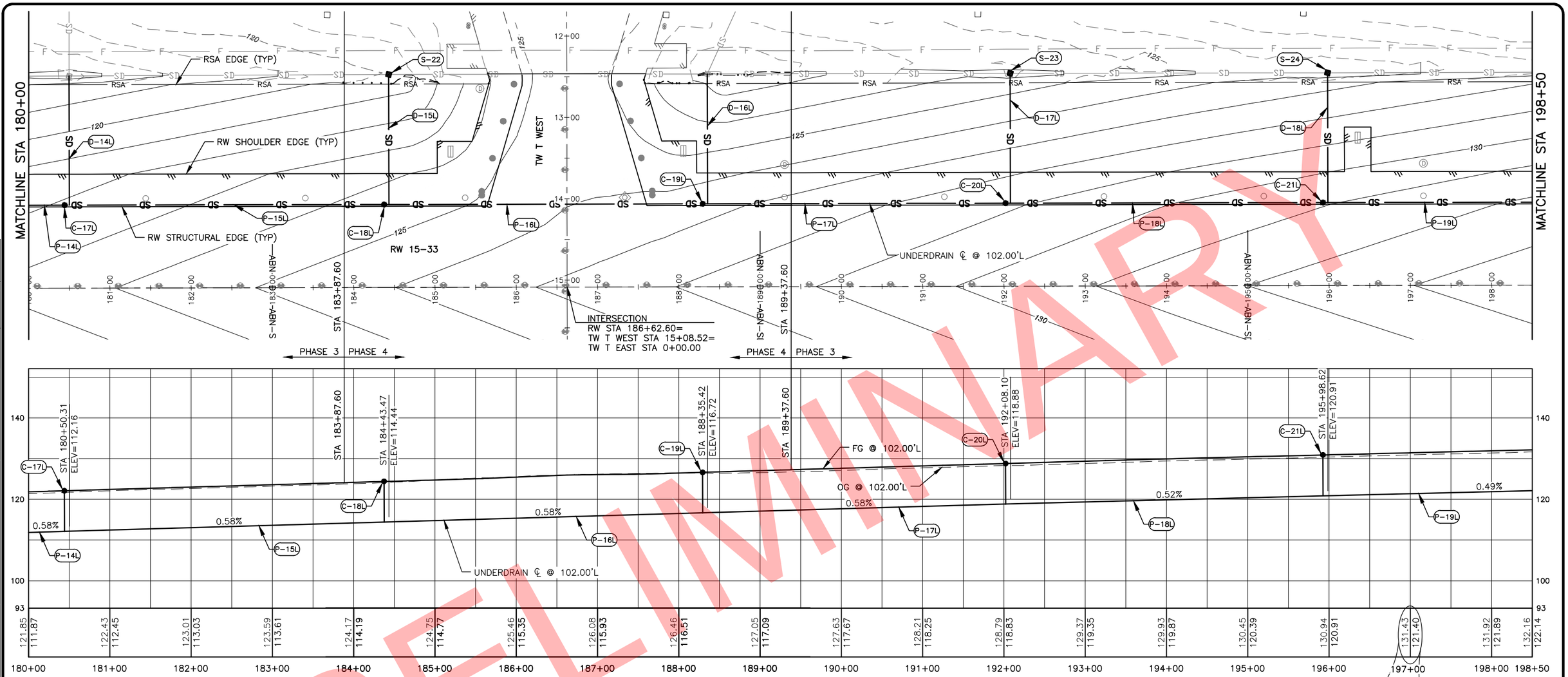
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

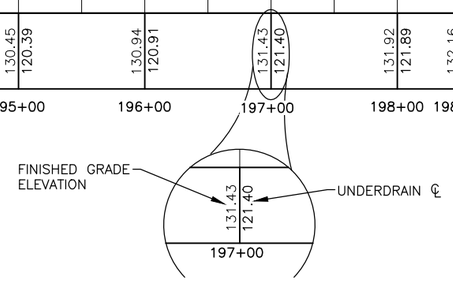
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
DRAINAGE PLAN & PROFILE LEFT
STA 161+50 TO 180+00

DATE: 2/13/2018
SHEET: 86 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: WEST5
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - DRAINAGE.dwg
2/13/2018, 6:59 PM

PRELIMINARY





PIPE SCHEDULE D-701a & D-705a

PIPE ID	DIA (IN)	LENGTH (FT)	TYPE	BEGIN STATION	BEGIN OFFSET	BEGIN INVERT	END STATION	END OFFSET	END INVERT	COMMENTS
P-14L	8	393.63	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	176+56.68	102.00L	109.88	180+50.31	102.00L	112.16	PROPOSED PIPE
P-15L	8	393.16	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	180+50.31	102.00L	112.16	184+43.47	102.00L	114.44	PROPOSED PIPE
P-16L	8	391.95	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	184+43.47	102.00L	114.44	188+35.42	102.00L	116.72	PROPOSED PIPE
P-17L	8	372.68	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	188+35.42	102.00L	116.72	192+08.10	102.00L	118.88	PROPOSED PIPE
P-18L	8	390.52	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	192+08.10	102.00L	118.88	195+98.62	102.00L	120.91	PROPOSED PIPE
P-19L	8	396.99	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	195+98.62	102.00L	120.91	199+95.61	102.00L	122.85	PROPOSED PIPE
D-14L	8	158.75	CPE PIPE	180+50.31	102.00L	112.16	180+50.31	260.75L	109.30	PROPOSED PIPE
D-15L	8	159.86	CPE PIPE	184+43.47	102.00L	114.44	184+43.47	261.86L	111.40	PROPOSED PIPE
D-16L	8	159.67	CPE PIPE	188+35.42	102.00L	116.72	188+35.42	261.67L	113.53	PROPOSED PIPE
D-17L	8	159.73	CPE PIPE	192+08.10	102.00L	118.88	192+08.10	261.73L	115.69	PROPOSED PIPE
D-18L	8	159.50	CPE PIPE	195+98.62	102.00L	120.91	195+98.62	261.50L	118.52	PROPOSED PIPE

CLEANOUT SCHEDULE D-705f

CLEANOUT ID	STATION	OFFSET	LID ELEV	COMMENTS
C-17L	180+44.31	102.00L	122.11	SEE DETAIL 2/100 & NOTE 2
C-18L	184+37.47	102.00L	124.39	SEE DETAIL 2/100 & NOTE 2
C-19L	188+29.42	102.00L	126.64	SEE DETAIL 2/100 & NOTE 2
C-20L	192+02.10	102.00L	128.80	SEE DETAIL 2/100 & NOTE 2
C-21L	195+92.62	102.00L	130.90	SEE DETAIL 2/100 & NOTE 2

MANHOLE SCHEDULE D-751a & D-751o

MH ID	STATION	OFFSET	RIM ELEV	COMMENTS
S-22	184+43.47	261.86L	119.84	RECONSTRUCT, SEE NOTE 3
S-23	192+08.10	261.73L	123.59	RECONSTRUCT, SEE NOTE 3
S-24	195+98.62	261.50L	125.44	RECONSTRUCT, SEE NOTE 3

LEGEND

- SD — PROPOSED UNDERDRAIN/STORM DRAIN
- ■ PROPOSED/RECONSTRUCT MANHOLE
- ● PROPOSED CLEANOUT

60' 30' 0 60' 120'

STATE OF ALASKA 49 TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

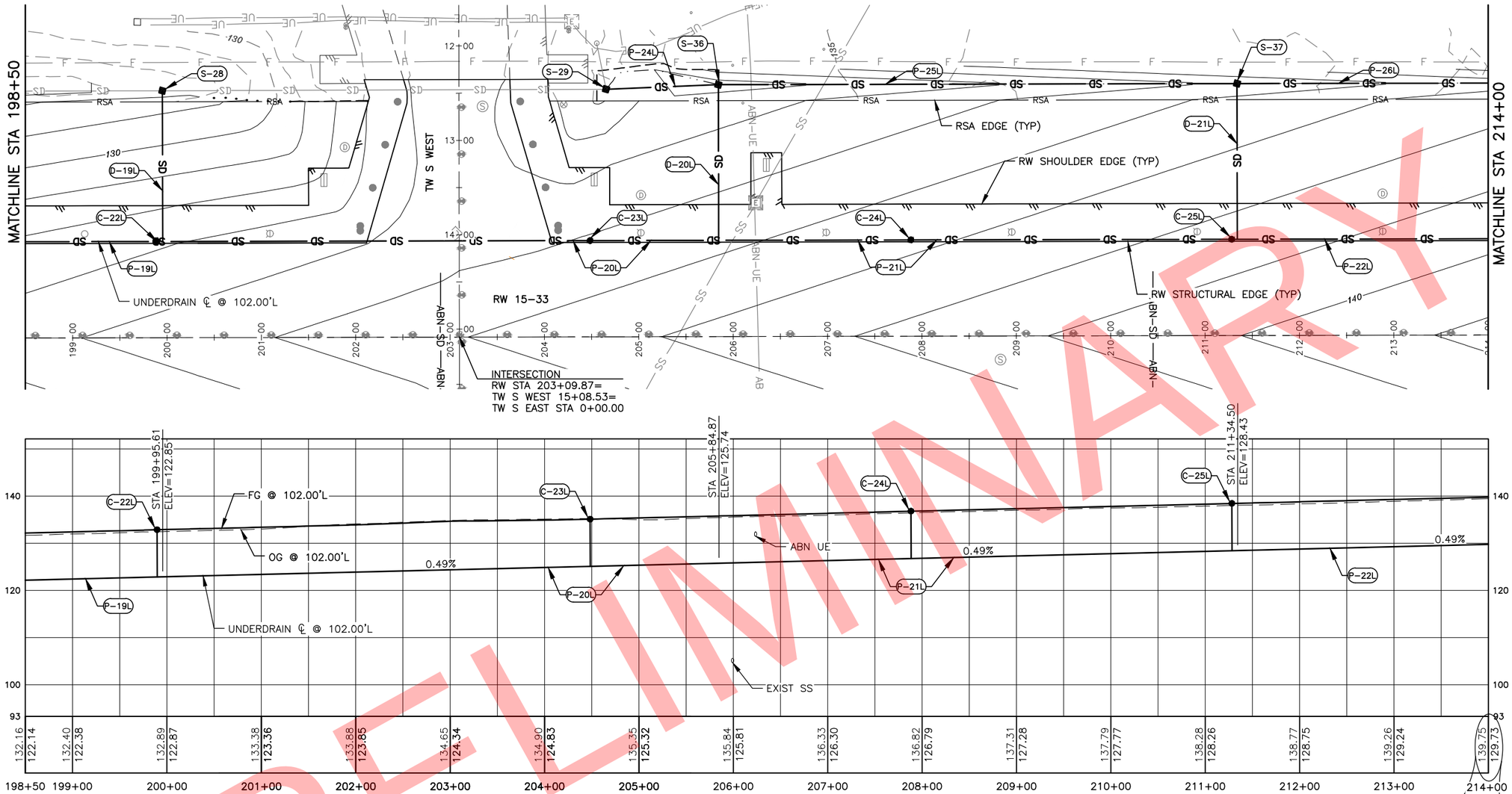
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

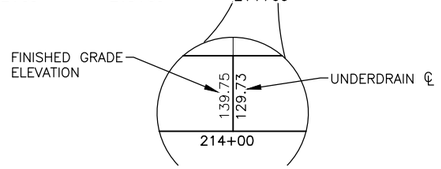
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
DRAINAGE PLAN & PROFILE LEFT
STA 180+00 TO 198+50

DATE: 2/13/2018
SHEET: 87 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: WEST6
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - DRAINAGE.dwg
2/13/2018, 7:00 PM

PRELIMINARY





PIPE SCHEDULE D-701a & D-705a

PIPE ID	DIA (IN)	LENGTH (FT)	TYPE	BEGIN STATION	BEGIN OFFSET	BEGIN INVERT	END STATION	END OFFSET	END INVERT	COMMENTS
P-19L	8	396.99	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	195+98.62	102.00L	120.91	199+95.61	102.00L	122.85	PROPOSED PIPE
P-20L	8	589.26	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	199+95.61	102.00L	122.85	205+84.87	102.00L	125.74	PROPOSED PIPE
P-21L	8	549.63	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	205+84.87	102.00L	125.74	211+34.50	102.00L	128.43	PROPOSED PIPE
P-22L	8	450.00	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	211+34.50	102.00L	128.43	215+84.50	102.00L	130.64	PROPOSED PIPE
P-24L	24	119.02	CPE PIPE	204+65.85	262.36L	123.80	205+84.87	102.00L	124.40	PROPOSED PIPE
P-25L	24	549.63	CPE PIPE	205+84.87	267.00L	124.60	211+34.50	102.00L	127.00	PROPOSED PIPE
P-26L	24	450.00	CPE PIPE	211+34.50	267.00L	127.40	215+84.50	102.00L	128.80	PROPOSED PIPE
D-19L	8	159.74	CPE PIPE	199+95.61	102.00L	122.85	199+95.61	261.74L	120.45	PROPOSED PIPE
D-20L	8	165.00	CPE PIPE	205+84.87	102.00L	125.74	205+84.87	267.00L	124.50	PROPOSED PIPE
D-21L	8	165.00	CPE PIPE	211+34.50	102.00L	128.43	211+34.50	267.00L	127.19	PROPOSED PIPE

LEGEND

- SD — PROPOSED UNDERDRAIN/STORM DRAIN
- ■ PROPOSED/RECONSTRUCT MANHOLE
- ● PROPOSED CLEANOUT

CLEANOUT SCHEDULE D-705f

CLEANOUT ID	STATION	OFFSET	LID ELEV	COMMENTS
C-22L	199+89.61	102.00L	132.84	SEE DETAIL 1/100 & NOTE 2
C-23L	204+48.50	102.00L	135.10	SEE DETAIL 1/100 & NOTE 2
C-24L	207+88.50	102.00L	136.76	SEE DETAIL 1/100 & NOTE 2
C-25L	211+28.50	102.00L	138.42	SEE DETAIL 1/100 & NOTE 2

MANHOLE SCHEDULE D-751a & D-751o

MH ID	STATION	OFFSET	RIM ELEV	COMMENTS
S-28	199+95.61	261.74L	127.36	RECONSTRUCT, SEE NOTE 3
S-29	204+65.85	262.36L	131.59	RECONSTRUCT, SEE NOTE 3
S-36	205+84.87	267.00L	132.55	PROPOSED, SEE NOTE 4
S-37	211+34.50	267.00L	135.23	PROPOSED, SEE NOTE 4

60' 30' 0 60' 120'

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

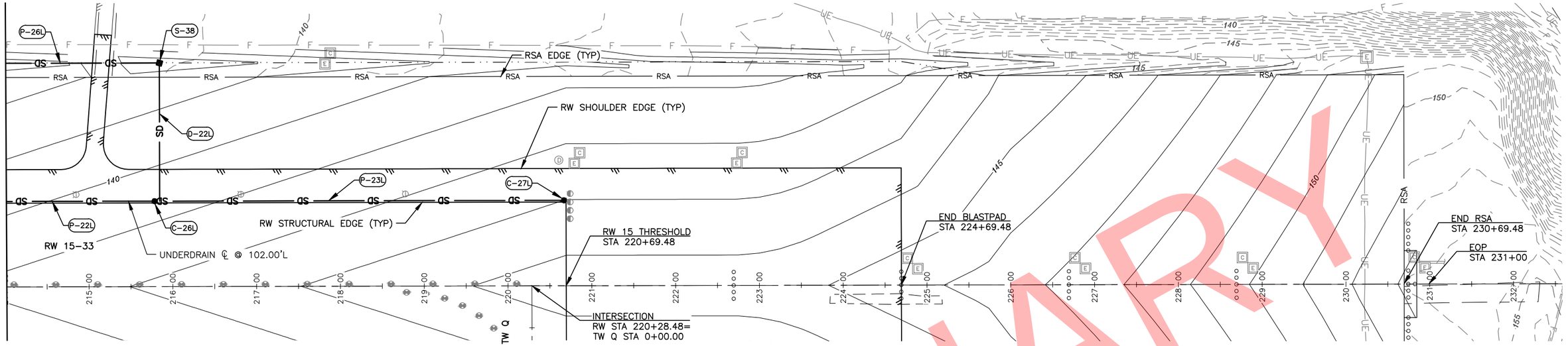
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

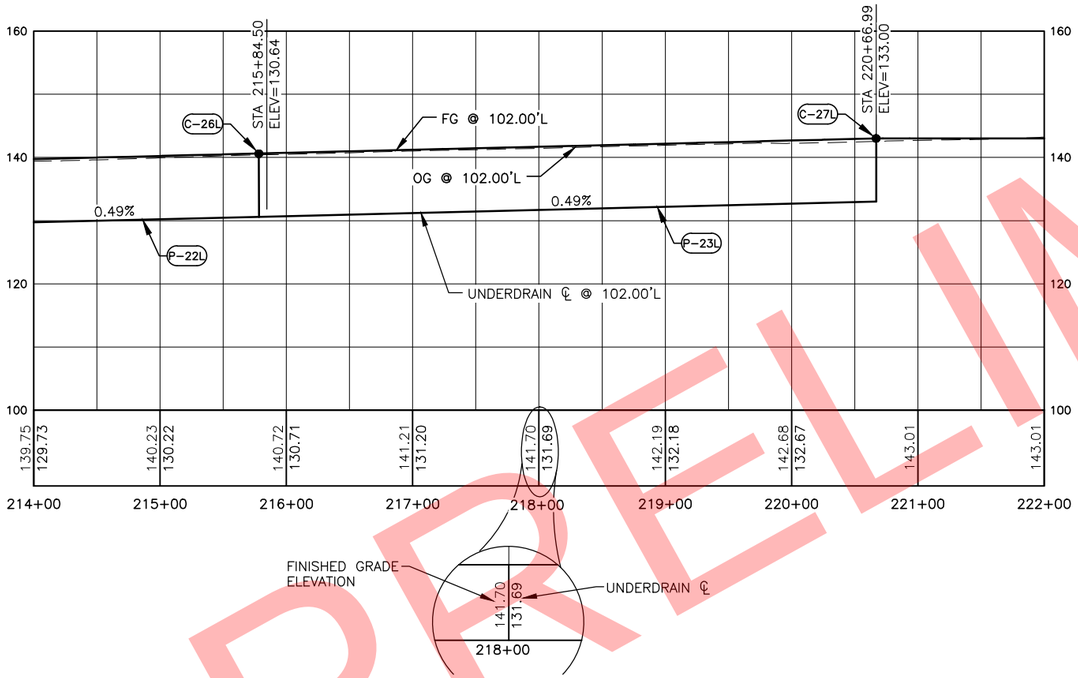
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
DRAINAGE PLAN & PROFILE LEFT
STA 198+50 TO 214+00

DATE: 2/13/2018
SHEET: 88 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: WEST7
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - DRAINAGE.dwg
2/13/2018, 7:00 PM

PRELIMINARY





PIPE SCHEDULE D-701a & D-705a

PIPE ID	DIA (IN)	LENGTH (FT)	TYPE	BEGIN STATION	BEGIN OFFSET	BEGIN INVERT	END STATION	END OFFSET	END INVERT	COMMENTS
P-22L	8	450.00	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	211+34.50	102.00L	128.43	215+84.50	102.00L	130.64	PROPOSED PIPE
P-23L	8	482.50	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	215+84.50	102.00L	130.64	220+67.00	102.00L	133.05	PROPOSED PIPE
P-26L	24	450.00	CPE PIPE	211+34.50	267.00L	127.40	215+84.50	267.00L	128.80	PROPOSED PIPE
D-22L	8	165.00	CPE PIPE	215+84.50	102.00L	130.64	215+84.50	267.00L	128.99	PROPOSED PIPE

CLEANOUT SCHEDULE D-705f

CLEANOUT ID	STATION	OFFSET	LID ELEV	COMMENTS
C-26L	215+78.50	102.00L	140.62	SEE DETAIL 1/100 & NOTE 2
C-27L	220+67.00	102.00L	143.00	SEE DETAIL 2/100 & NOTE 2

MANHOLE SCHEDULE D-751a & D-751o

MH ID	STATION	OFFSET	RIM ELEV	COMMENTS
S-38	215+84.50	267.00	137.43	PROPOSED, SEE NOTE 4

LEGEND

- SD — PROPOSED UNDERDRAIN/STORM DRAIN
- ■ PROPOSED/RECONSTRUCT MANHOLE
- ● PROPOSED CLEANOUT

60' 30' 0 60' 120'

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

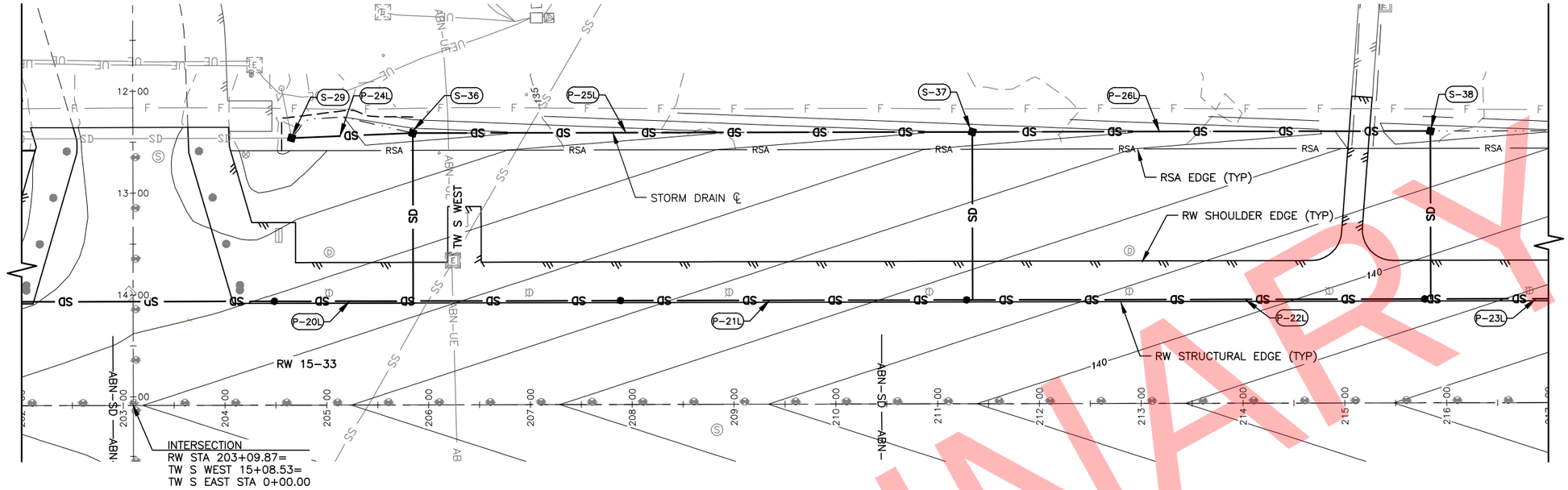
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

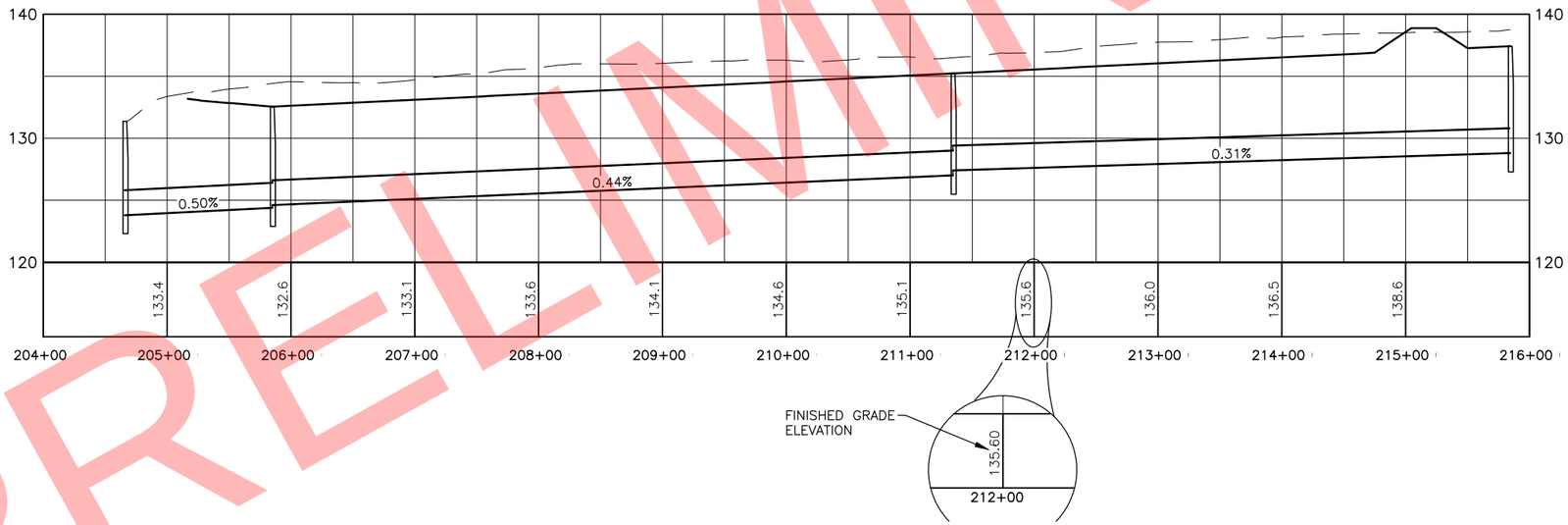
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
DRAINAGE PLAN & PROFILE LEFT
STA 214+00 TO 231+00

DATE: 2/13/2018
SHEET: 89 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 7:01 PM
Layout Name: WEST8
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - DRAINAGE.dwg

PRELIMINARY





PIPE SCHEDULE D-701a & D-705a

PIPE ID	DIA (IN)	LENGTH (FT)	TYPE	BEGIN			END			COMMENTS
				STATION	OFFSET	INVERT	STATION	OFFSET	INVERT	
P-24L	24	119.02	CPE PIPE	204+65.85	262.36L	123.80	205+84.87	267.00L	124.40	PROPOSED PIPE
P-25L	24	549.63	CPE PIPE	205+84.87	267.00L	124.60	211+34.50	267.00L	127.00	PROPOSED PIPE
P-26L	24	450.00	CPE PIPE	211+34.50	267.00L	127.40	215+84.50	267.00L	128.80	PROPOSED PIPE

MANHOLE SCHEDULE D-751a & D-751o

MH ID	STATION	OFFSET	RIM ELEV	COMMENTS
S-29	204+65.85	262.36L	131.59	RECONSTRUCT, SEE NOTE 3
S-36	205+84.87	267.00L	132.55	PROPOSED, SEE NOTE 4
S-37	211+34.50	267.00L	135.23	PROPOSED, SEE NOTE 4
S-38	215+84.50	267.00L	137.43	PROPOSED, SEE NOTE 4

LEGEND

- SD — PROPOSED UNDERDRAIN/STORM DRAIN
- ■ PROPOSED/RECONSTRUCT MANHOLE
- ● PROPOSED CLEANOUT

60' 30' 0 60' 120'

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

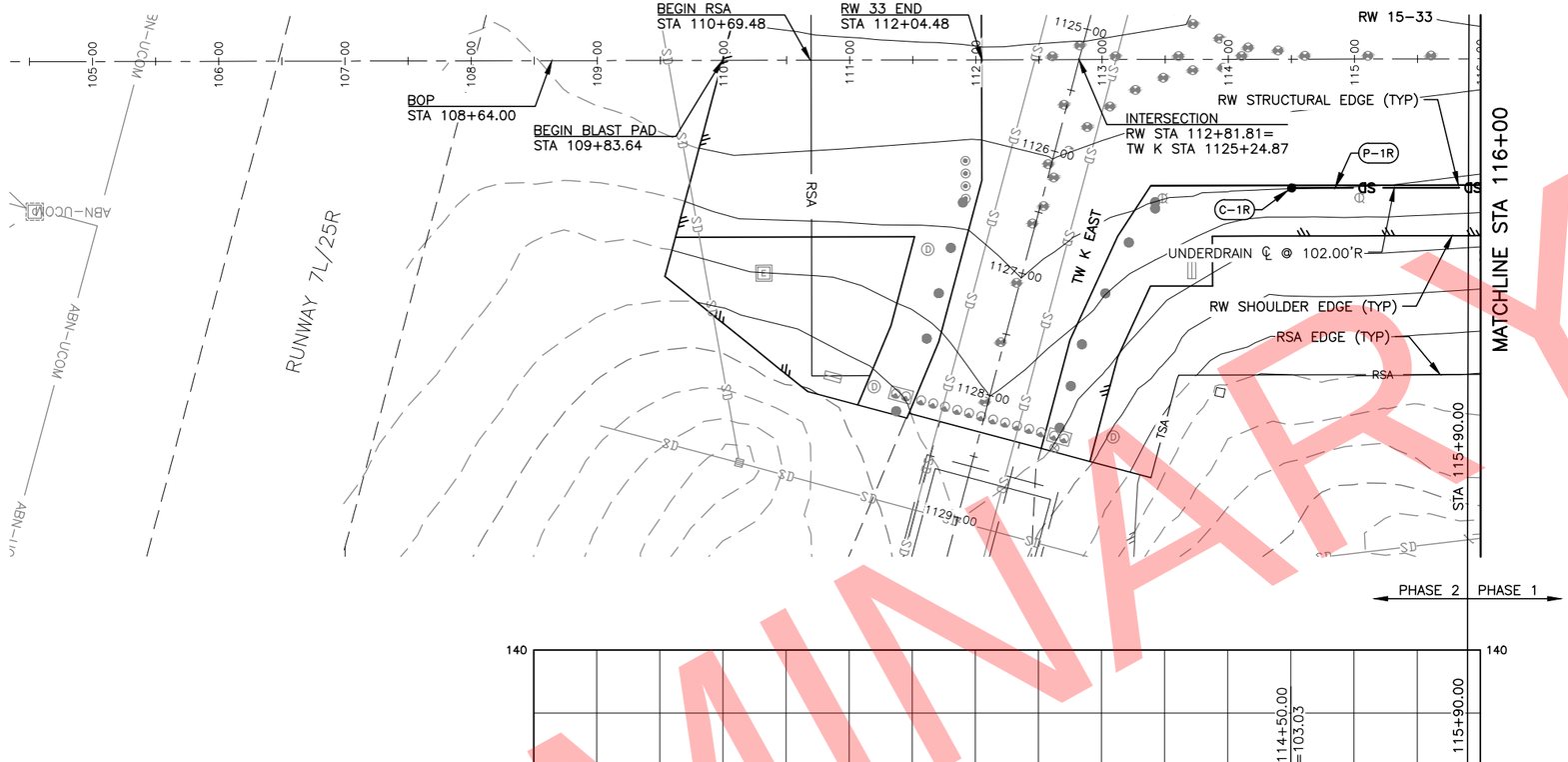
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

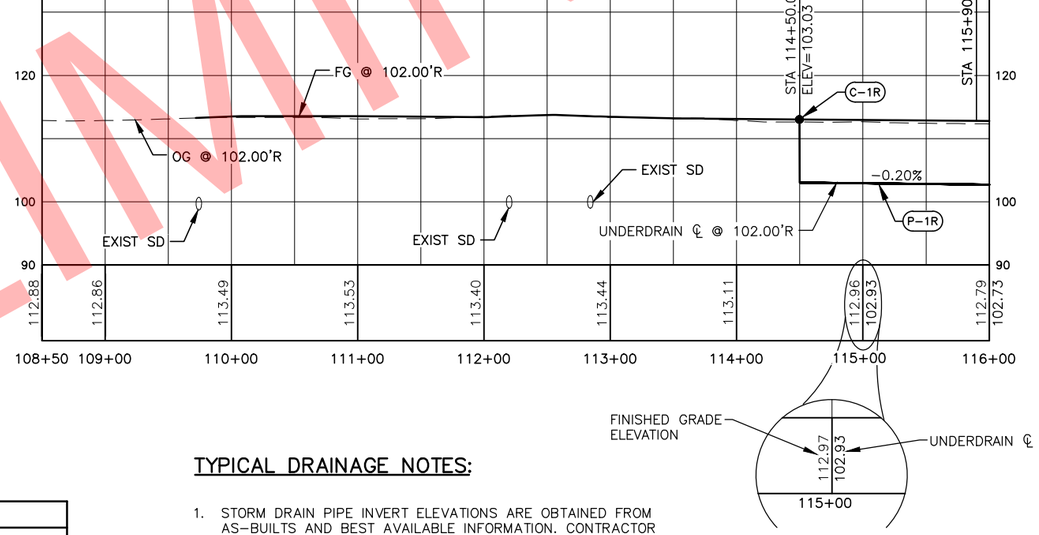
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
STORM DRAIN PLAN & PROFILE LEFT
STA 202+00 TO 217+00

DATE: 2/13/2018
SHEET: 90 OF 123

PRELIMINARY

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: WEST9
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - DRAINAGE.dwg
2/13/2018, 7:02 PM





CLEANOUT SCHEDULE D-705f

CLEANOUT ID	STATION	OFFSET	LID ELEV	COMMENTS
C-1R	114+50.00	102.00R	113.03	SEE DETAIL 2/100 & NOTE 2

PIPE SCHEDULE D-701a & D-705a

PIPE ID	DIA (IN)	LENGTH (FT)	TYPE	BEGIN			END			COMMENTS
				STATION	OFFSET	INVERT	STATION	OFFSET	INVERT	
P-1R	8	153.06	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	114+50.00	102.00R	103.03	116+03.06	102.00R	102.73	PROPOSED PIPE

TYPICAL DRAINAGE NOTES:

1. STORM DRAIN PIPE INVERT ELEVATIONS ARE OBTAINED FROM AS-BUILTS AND BEST AVAILABLE INFORMATION. CONTRACTOR SHALL FIELD VERIFY ELEVATIONS AND MATCH EXIST STORM DRAIN AND STORM DRAIN MANHOLE CONNECTIONS.
2. MANHOLES AND UNDERDRAIN CLEANOUTS MUST BE CERTIFIED BY THE MANUFACTURER TO WITHSTAND AIRCRAFT LOADING PER D-751.
3. MANHOLES MUST RECIEVE NEW FRAMES AND INLET STYLE GRATES CERTIFIED BY THE MANUFACTURER TO WITHSTAND H-25 LOADING.
4. MANHOES MUST BE CERTIFIED BY THE MANUFACTURER TO WITHSTAND H-25 LOADING.

LEGEND

- SD —— PROPOSED UNDERDRAIN/STORM DRAIN
- ■ PROPOSED/RECONSTRUCT MANHOLE
- ● PROPOSED CLEANOUT

60' 30' 0 60' 120'

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

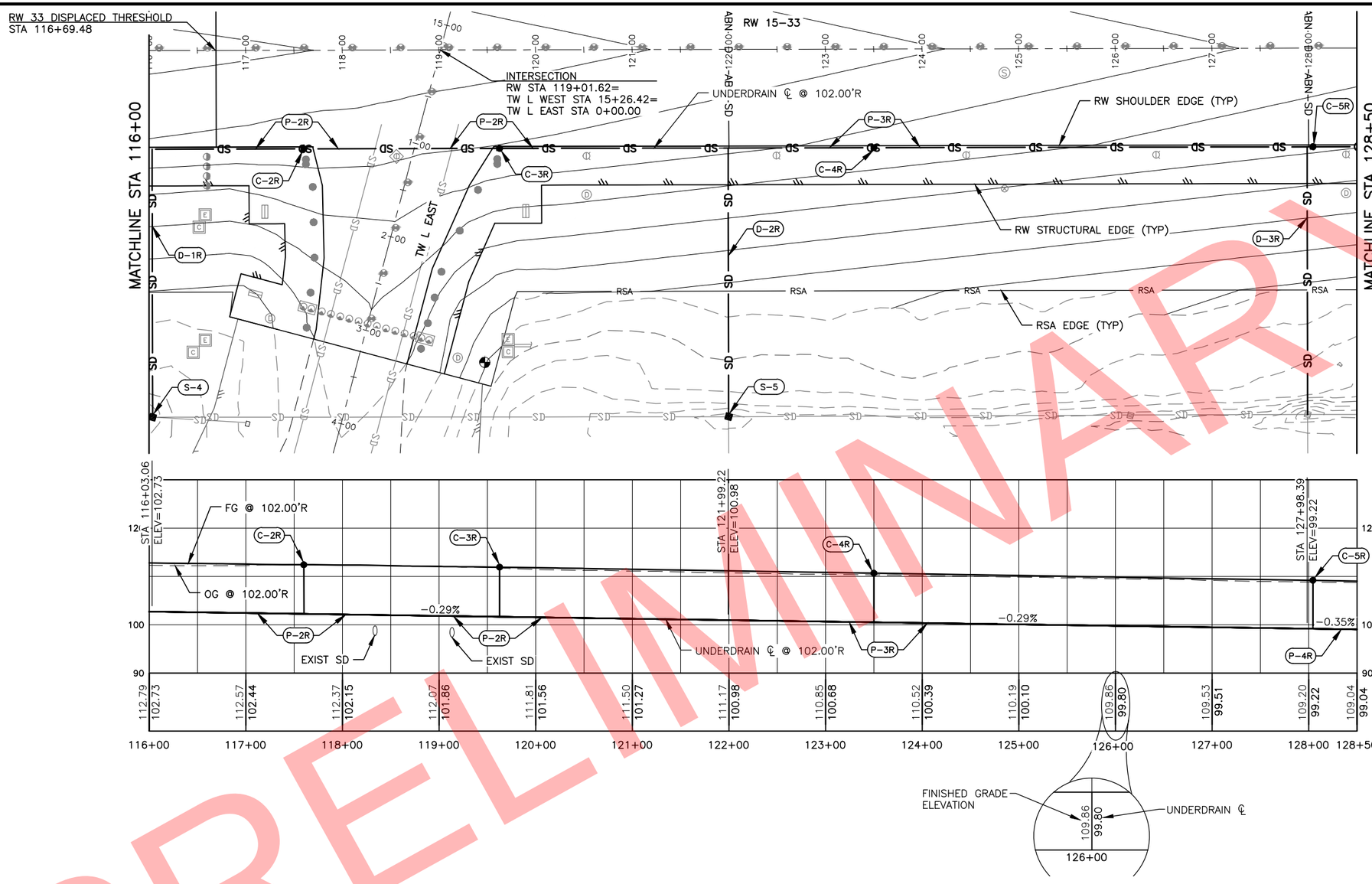
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
DRAINAGE PLAN & PROFILE RIGHT
STA 104+50 TO 116+00

DATE: 2/13/2018
SHEET: 91 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 7:03 PM
Layout Name: EAST1
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - DRAINAGE.dwg

PRELIMINARY



PRELIMINARY

CLEANOUT SCHEDULE D-705f				
CLEANOUT ID	STATION	OFFSET	LID ELEV	COMMENTS
C-2R	117+60.00	102.00R	112.44	SEE DETAIL 1/100 & NOTE 2
C-3R	119+62.62	102.00R	111.91	SEE DETAIL 1/100 & NOTE 2
C-4R	123+79.39	102.00R	110.68	SEE DETAIL 1/100 & NOTE 2
C-5R	128+04.39	102.00R	109.19	SEE DETAIL 1/100 & NOTE 2

MANHOLE SCHEDULE D-751a & D-751o				
MH ID	STATION	OFFSET	RIM ELEV	COMMENTS
S-4	116+03.06	379.22R	102.65	RECONSTRUCT, SEE NOTE 3
S-5	121+99.22	379.22R	100.55	RECONSTRUCT, SEE NOTE 3

LEGEND

- SD — PROPOSED UNDERDRAIN/STORM DRAIN
- ■ PROPOSED/RECONSTRUCT MANHOLE
- ● PROPOSED CLEANOUT

PIPE SCHEDULE D-701a & D-705a										
PIPE ID	DIA (IN)	LENGTH (FT)	TYPE	BEGIN			END			COMMENTS
				STATION	OFFSET	INVERT	STATION	OFFSET	INVERT	
P-2R	8	596.16	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	116+03.06	102.00R	102.73	121+99.22	102.00R	100.98	PROPOSED PIPE
P-3R	8	599.17	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	121+99.22	102.00R	100.98	127+98.39	102.00R	99.22	PROPOSED PIPE
P-4R	8	603.52	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	127+98.39	102.00R	99.22	134+01.91	102.00R	97.11	PROPOSED PIPE
D-1R	8	277.22	CPE PIPE	116+03.06	102.00R	102.73	116+03.06	379.22R	96.35	PROPOSED PIPE
D-2R	8	277.92	CPE PIPE	121+99.22	102.00R	100.98	121+99.22	379.92R	93.20	REPLACE PIPE
D-3R	8	276.70	CPE PIPE	127+98.39	102.00R	99.22	127+98.39	378.70R	90.37	REPLACE PIPE

60' 30' 0 60' 120'

STATE OF ALASKA
49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

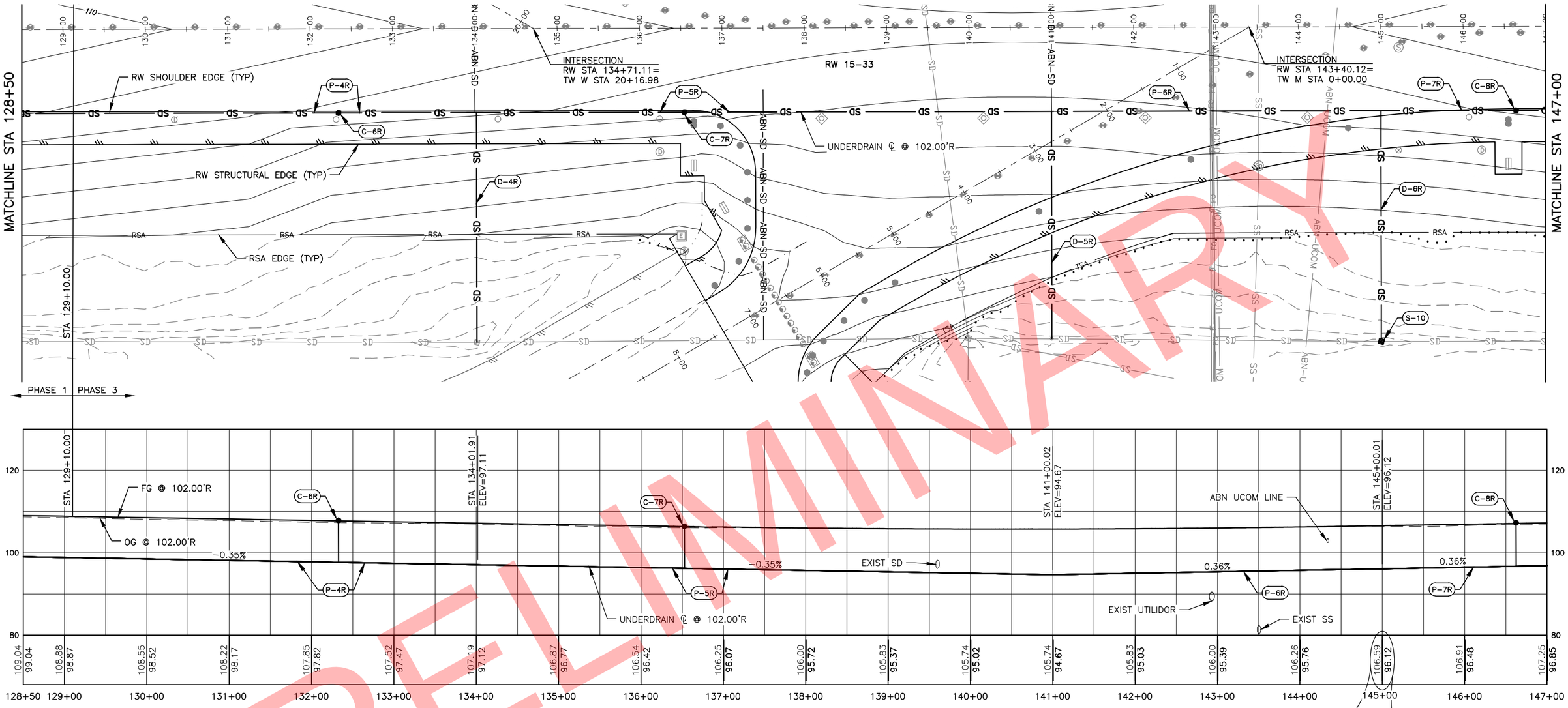
BY	DATE	REVISION

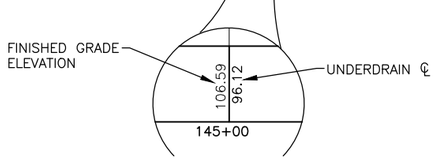
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
DRAINAGE PLAN & PROFILE RIGHT
STA 116+00 TO 128+50

DATE: 2/13/2018
SHEET: 92 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: EAST2
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - DRAINAGE.dwg
2/13/2018, 7:04 PM





PIPE SCHEDULE D-701a & D-705a

PIPE ID	DIA (IN)	LENGTH (FT)	TYPE	BEGIN STATION	BEGIN OFFSET	BEGIN INVERT	END STATION	END OFFSET	END INVERT	COMMENTS
P-4R	8	603.52	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	127+98.39	102.00R	99.22	134+01.91	102.00R	97.11	PROPOSED PIPE
P-5R	8	698.11	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	134+01.91	102.00R	97.11	141+00.02	102.00R	94.67	PROPOSED PIPE
P-6R	8	399.99	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	141+00.02	102.00R	94.67	145+00.01	102.00R	96.12	PROPOSED PIPE
P-7R	8	399.52	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	145+00.01	102.00R	96.12	148+99.53	102.00R	97.57	PROPOSED PIPE
D-4R	8	279.03	CPE PIPE	134+01.91	102.00R	97.11	134+01.91	381.03R	89.30	REPLACE PIPE
D-5R	8	276.28	CPE PIPE	141+00.02	102.00R	94.67	141+00.02	378.28R	90.91	REPLACE PIPE
D-6R	8	280.18	CPE PIPE	145+00.01	102.00R	96.12	145+00.01	382.18R	87.99	PROPOSED PIPE

CLEANOUT SCHEDULE D-705f

CLEANOUT ID	STATION	OFFSET	LID ELEV	COMMENTS
C-6R	132+34.39	102.00R	107.74	SEE DETAIL 1/100 & NOTE 2
C-7R	136+54.39	102.00R	106.36	SEE DETAIL 1/100 & NOTE 2
C-8R	146+64.16	102.00R	107.13	SEE DETAIL 1/100 & NOTE 2

MANHOLE SCHEDULE D-751a & D-751o

MH ID	STATION	OFFSET	RIM ELEV	COMMENTS
S-10	145+00.01	382.18R	96.44	RECONSTRUCT, SEE NOTE 3

LEGEND

- SD — PROPOSED UNDERDRAIN/STORM DRAIN
- ■ PROPOSED/RECONSTRUCT MANHOLE
- ● PROPOSED CLEANOUT

60' 30' 0 60' 120'

STATE OF ALASKA 49 TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

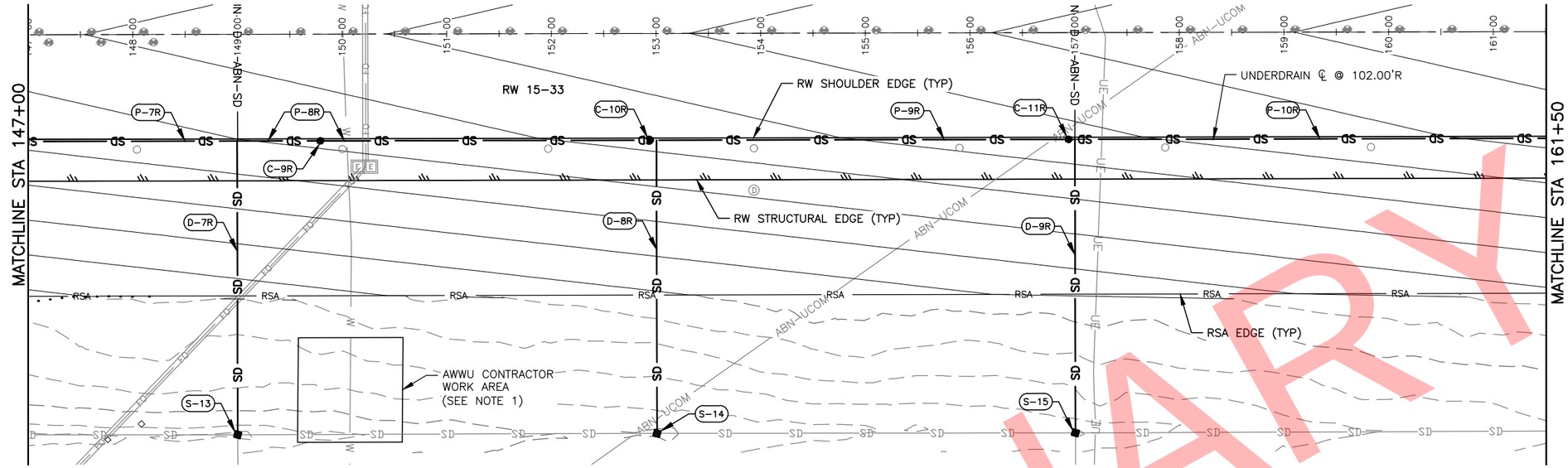
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

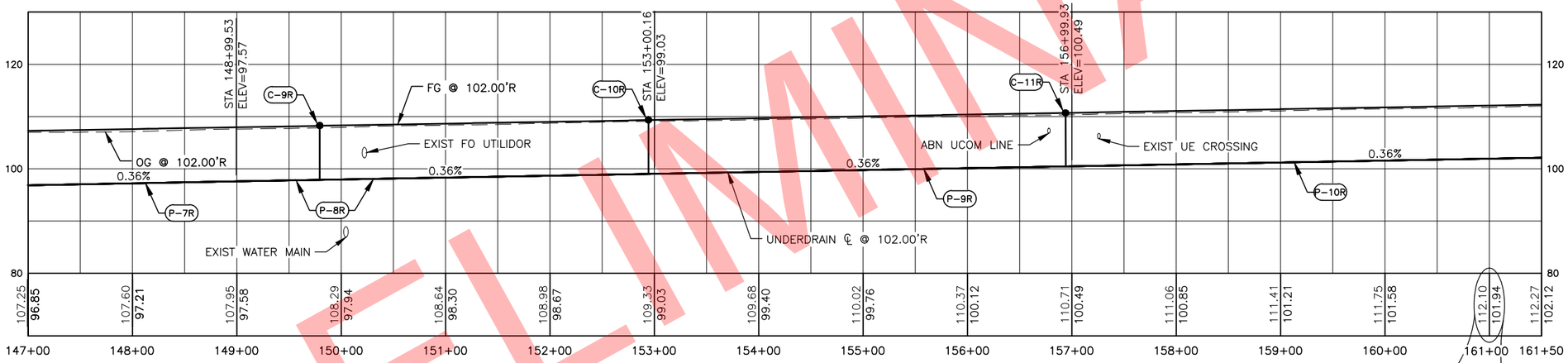
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
DRAINAGE PLAN & PROFILE RIGHT
STA 128+50 TO 147+00

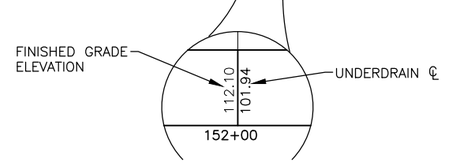
DATE: 2/13/2018
SHEET: 93 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: EAST3
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - DRAINAGE.dwg

PRELIMINARY







PIPE SCHEDULE D-701a & D-705a

PIPE ID	DIA (IN)	LENGTH (FT)	TYPE	BEGIN			END			COMMENTS
				STATION	OFFSET	INVERT	STATION	OFFSET	INVERT	
P-7R	8	399.52	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	145+00.01	102.00R	96.12	148+99.53	102.00R	97.57	PROPOSED PIPE
P-8R	8	400.63	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	148+99.53	102.00R	97.57	153+00.16	102.00R	99.03	PROPOSED PIPE
P-9R	8	399.77	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	153+00.16	102.00R	99.03	156+99.93	102.00R	100.49	PROPOSED PIPE
P-10R	8	600.22	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	156+99.93	102.00R	100.49	163+00.15	102.00R	102.67	PROPOSED PIPE
D-7R	8	280.67	CPE PIPE	148+99.53	102.00R	97.57	148+99.53	382.67R	89.71	REPLACE PIPE
D-8R	8	280.22	CPE PIPE	153+00.16	102.00R	99.03	153+00.16	382.22R	91.46	PROPOSED PIPE
D-9R	8	280.55	CPE PIPE	156+99.93	102.00R	100.49	156+99.93	382.55R	92.63	REPLACE PIPE

MANHOLE SCHEDULE D-751a & D-751o

MH ID	STATION	OFFSET	RIM ELEV	COMMENTS
S-13	148+99.53	382.67R	98.12	RECONSTRUCT, SEE NOTE 3
S-14	153+00.16	382.22R	99.60	RECONSTRUCT, SEE NOTE 3
S-15	156+99.93	382.55R	101.22	RECONSTRUCT, SEE NOTE 3

CLEANOUT SCHEDULE D-705f

CLEANOUT ID	STATION	OFFSET	LID ELEV	COMMENTS
C-9R	14979.16	102.00R	108.22	SEE DETAIL 1/100 & NOTE 2
C-10R	15294.16	102.00R	109.31	SEE DETAIL 1/100 & NOTE 2
C-11R	15693.93	102.00R	110.69	SEE DETAIL 1/100 & NOTE 2

LEGEND

- SD — PROPOSED UNDERDRAIN/STORM DRAIN
- ■ PROPOSED/RECONSTRUCT MANHOLE
- ● PROPOSED CLEANOUT

NOTES:

1. CONTRACTOR SHALL PROVIDE ACCESS TO THE AWWU CONTRACTOR WORK AREA THROUGH THE RUNWAY

60' 30' 0 60' 120'

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

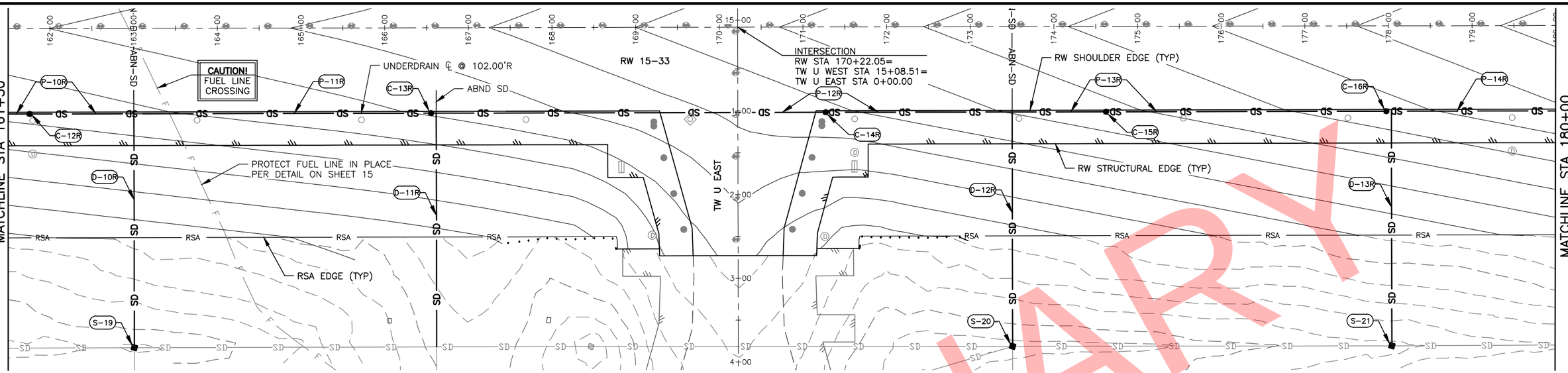
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

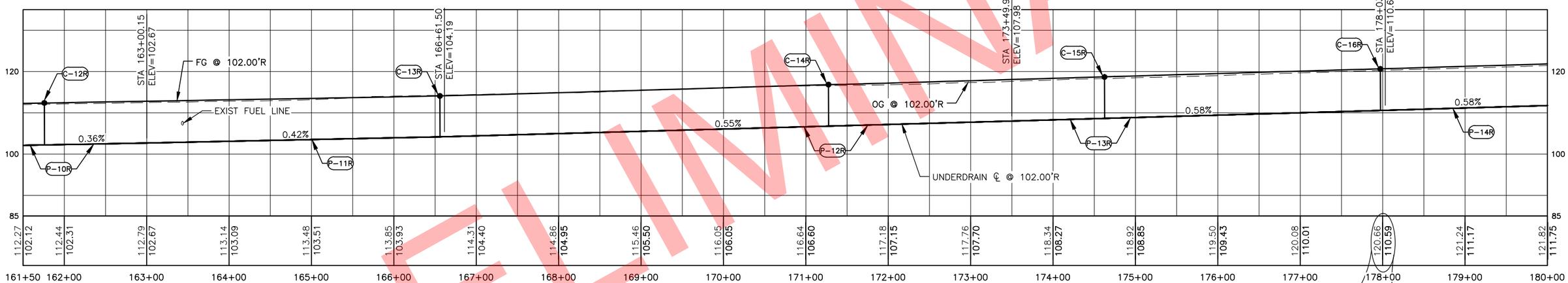
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
DRAINAGE PLAN & PROFILE RIGHT
STA 147+00 TO 161+50

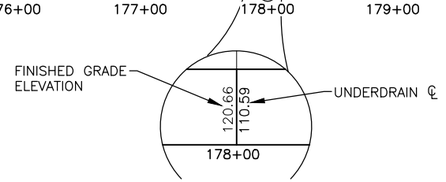
DATE: 2/13/2018
SHEET: 94 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: EAST4
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - DRAINAGE.dwg
2/13/2018, 7:06 PM

PRELIMINARY







PIPE SCHEDULE D-701a & D-705a

PIPE ID	DIA (IN)	LENGTH (FT)	TYPE	BEGIN STATION	BEGIN OFFSET	BEGIN INVERT	END STATION	END OFFSET	END INVERT	COMMENTS
P-10R	8	600.22	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	156+99.93	102.00R	100.49	163+00.15	102.00R	102.67	PROPOSED PIPE
P-11R	8	361.35	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	163+00.15	102.00R	102.67	166+61.50	102.00R	104.19	PROPOSED PIPE
P-12R	8	688.44	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	166+61.50	102.00R	104.19	173+49.94	102.00R	107.98	PROPOSED PIPE
P-13R	8	453.31	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	173+49.94	102.00R	107.98	178+03.25	102.00R	110.61	PROPOSED PIPE
P-14R	8	496.99	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	178+03.25	102.00R	110.61	183+00.24	102.00R	113.49	PROPOSED PIPE
D-10R	8	279.49	CPE PIPE	163+00.15	102.00R	102.67	163+00.15	381.49R	95.40	REPLACE PIPE
D-11R	8	279.24	CPE PIPE	166+61.50	102.00R	104.19	166+61.50	381.24R	103.38	REPLACE PIPE
D-12R	8	279.98	CPE PIPE	173+49.94	102.00R	107.98	173+49.94	381.98R	99.86	REPLACE PIPE
D-13R	8	280.33	CPE PIPE	178+03.25	102.00R	110.61	178+03.25	382.33R	102.48	PROPOSED PIPE

CLEANOUT SCHEDULE D-705f

CLEANOUT ID	STATION	OFFSET	LID ELEV	COMMENTS
C-12R	161+75.50	102.00R	112.36	SEE DETAIL 1/100 & NOTE 2
C-13R	166+55.50	102.00R	114.10	SEE DETAIL 1/100 & NOTE 2
C-14R	171+27.25	102.00R	116.79	SEE DETAIL 1/100 & NOTE 2
C-15R	174+62.25	102.00R	118.70	SEE DETAIL 1/100 & NOTE 2
C-16R	177+97.25	102.00R	120.65	SEE DETAIL 1/100 & NOTE 2

MANHOLE SCHEDULE D-751a & D-751o

MH ID	STATION	OFFSET	RIM ELEV	COMMENTS
S-19	163+00.15	381.49R	103.86	RECONSTRUCT, SEE NOTE 3
S-20	173+49.94	381.98R	108.36	RECONSTRUCT, SEE NOTE 3
S-21	178+03.25	382.33R	110.40	RECONSTRUCT, SEE NOTE 3

LEGEND

- SD — PROPOSED UNDERDRAIN/STORM DRAIN
- ■ PROPOSED/RECONSTRUCT MANHOLE
- ● PROPOSED CLEANOUT

60' 30' 0 60' 120'

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
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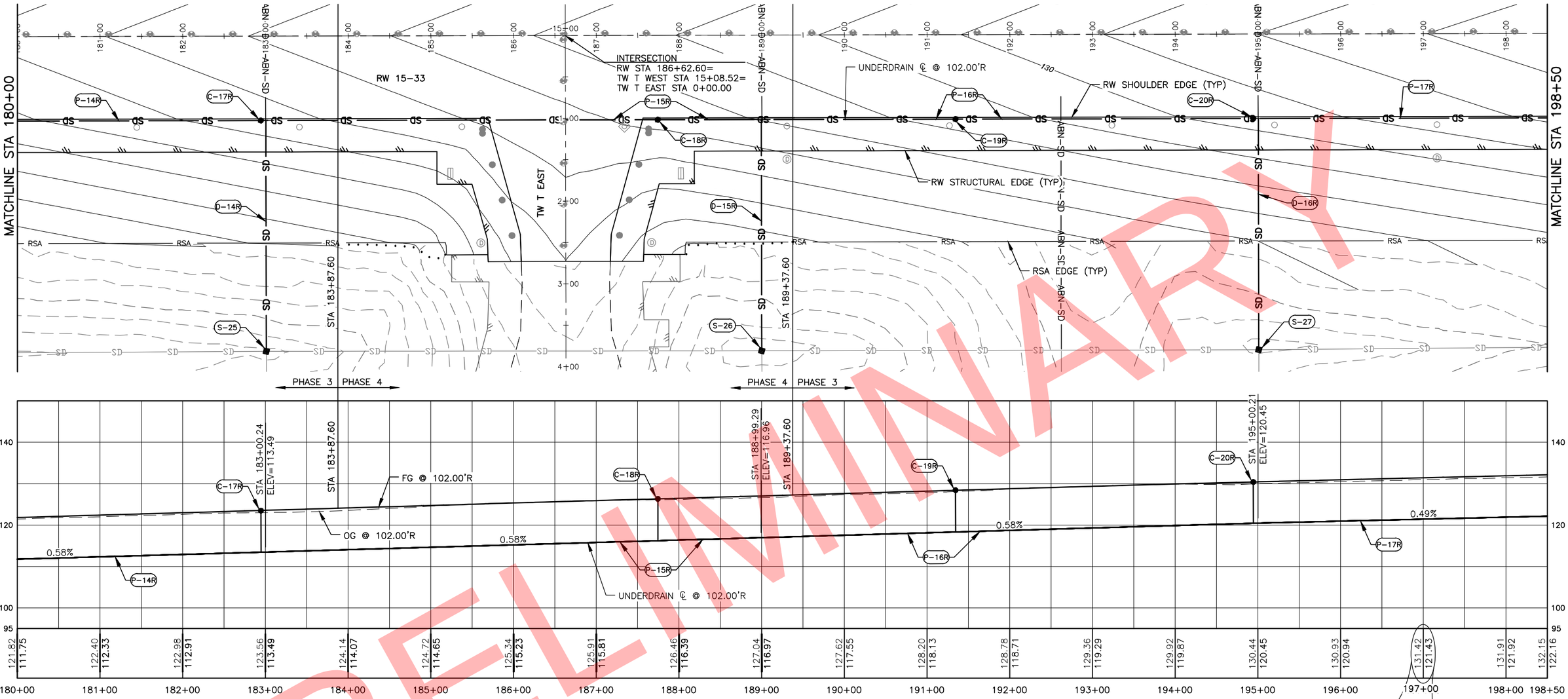
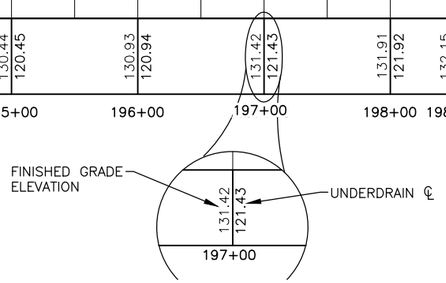
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
DRAINAGE PLAN & PROFILE RIGHT
STA 161+50 TO 180+00

DATE: 2/13/2018
SHEET: 95 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: EAST5
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - DRAINAGE.dwg
Publication PJ 59049\Final Drawings\59049 AIA - DRAINAGE.dwg 2/13/2018, 7:08 PM

PRELIMINARY





PIPE SCHEDULE D-701a & D-705a

PIPE ID	DIA (IN)	LENGTH (FT)	TYPE	BEGIN STATION	BEGIN OFFSET	BEGIN INVERT	END STATION	END OFFSET	END INVERT	COMMENTS
P-14R	8	496.99	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	178+03.25	102.00R	110.61	183+00.24	102.00R	113.49	PROPOSED PIPE
P-15R	8	599.05	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	183+00.24	102.00R	113.49	188+99.29	102.00R	116.96	PROPOSED PIPE
P-16R	8	600.92	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	188+99.29	102.00R	116.96	195+00.21	102.00R	120.45	PROPOSED PIPE
P-17R	8	400.39	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	195+00.21	102.00R	120.45	199+00.60	102.00R	122.41	PROPOSED PIPE
D-14R	8	278.84	CPE PIPE	183+00.24	102.00R	113.49	183+00.24	380.84R	105.40	REPLACE PIPE
D-15R	8	279.30	CPE PIPE	188+99.29	102.00R	116.96	188+99.29	381.30R	109.98	REPLACE PIPE
D-16R	8	279.32	CPE PIPE	195+00.21	102.00R	120.45	195+00.21	381.32R	115.14	REPLACE PIPE

CLEANOUT SCHEDULE D-705f

CLEANOUT ID	STATION	OFFSET	LID ELEV	COMMENTS
C-17R	182+94.24	102.00R	123.53	SEE DETAIL 1/100 & NOTE 2
C-18R	187+74.21	102.00R	126.32	SEE DETAIL 1/100 & NOTE 2
C-19R	191+34.21	102.00R	128.40	SEE DETAIL 1/100 & NOTE 2
C-20R	194+94.21	102.00R	130.41	SEE DETAIL 1/100 & NOTE 2

MANHOLE SCHEDULE D-751a & D-751o

MH ID	STATION	OFFSET	RIM ELEV	COMMENTS
S-25	183+00.24	380.84R	112.58	RECONSTRUCT, SEE NOTE 3
S-26	188+99.29	381.30R	116.85	RECONSTRUCT, SEE NOTE 3
S-27	195+00.21	381.32R	121.80	RECONSTRUCT, SEE NOTE 3

LEGEND

- SD — PROPOSED UNDERDRAIN/STORM DRAIN
- ■ PROPOSED/RECONSTRUCT MANHOLE
- ● PROPOSED CLEANOUT

60' 30' 0 60' 120'

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

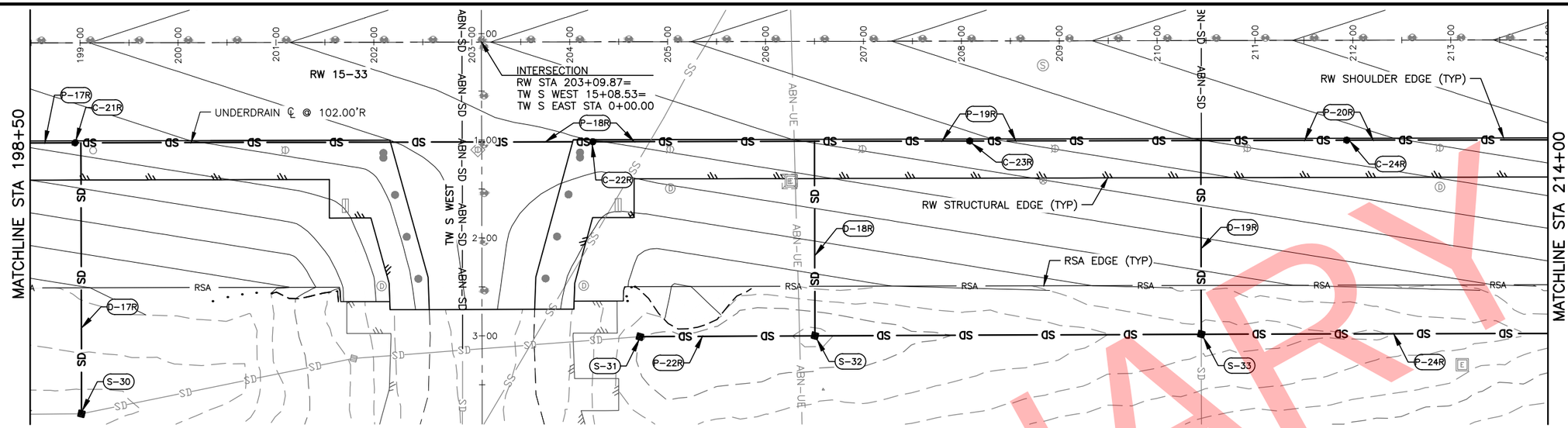
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

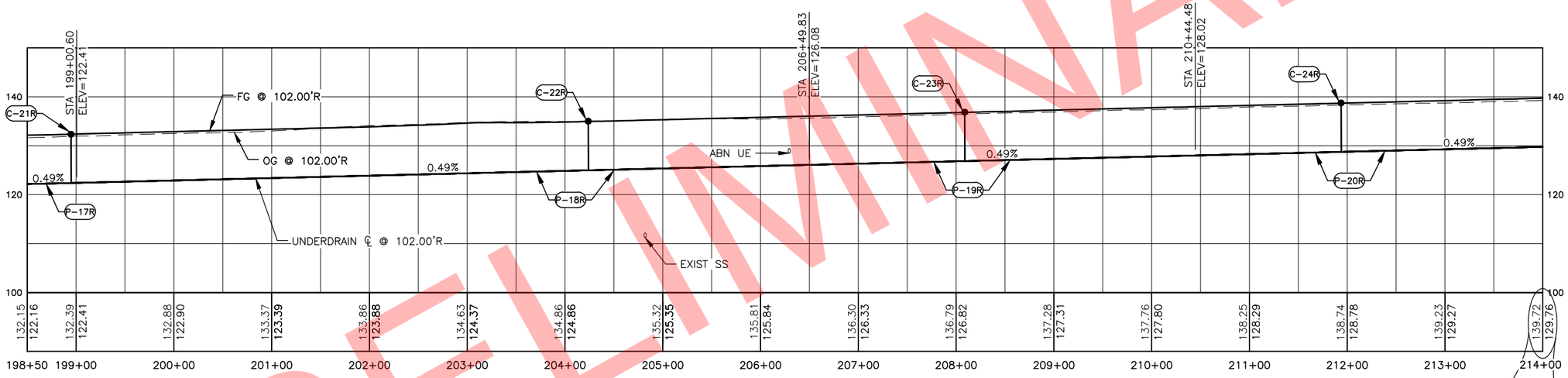
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
DRAINAGE PLAN & PROFILE RIGHT
STA 180+00 TO 198+50

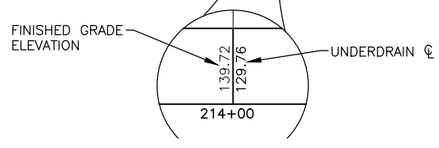
DATE: 2/13/2018
SHEET: 96 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 7:09 PM
Layout Name: EAST6
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - DRAINAGE.dwg

PRELIMINARY







PIPE SCHEDULE D-701a & D-705a

PIPE ID	DIA (IN)	LENGTH (FT)	TYPE	BEGIN STATION	BEGIN OFFSET	BEGIN INVERT	END STATION	END OFFSET	END INVERT	COMMENTS
P-17R	8	400.39	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	195+00.21	102.00R	120.45	199+00.60	102.00R	122.41	PROPOSED PIPE
P-18R	8	749.23	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	199+00.60	102.00R	122.41	206+49.83	102.00R	126.08	PROPOSED PIPE
P-19R	8	394.65	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	206+49.83	102.00R	126.08	210+44.48	102.00R	128.02	PROPOSED PIPE
P-20R	8	540.02	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	210+44.48	102.00R	128.02	215+84.50	102.00R	130.66	PROPOSED PIPE
P-22R	24	178.76	CPE PIPE	204+71.07	301.10R	120.80	206+49.83	300.60	121.77	REPLACE PIPE
P-23R	24	394.65	CPE PIPE	206+49.83	300.60R	121.97	210+44.48	299.80	123.80	REPLACE PIPE
P-24R	24	540.02	CPE PIPE	210+44.48	299.80R	124.20	215+84.50	299.61	128.50	REPLACE PIPE
D-17R	8	276.69	CPE PIPE	199+00.60	102.00R	122.41	199+00.60	378.69	118.26	PROPOSED PIPE
D-18R	8	198.60	CPE PIPE	206+49.83	102.00R	126.08	206+49.83	300.60	121.91	PROPOSED PIPE
D-19R	8	197.80	CPE PIPE	210+44.48	102.00R	128.02	210+44.48	299.80	124.06	REPLACE PIPE

CLEANOUT SCHEDULE D-705f

CLEANOUT ID	STATION	OFFSET	LID ELEV	COMMENTS
C-21R	198+94.60	102.00R	132.37	SEE DETAIL 1/100 & NOTE 2
C-22R	204+23.50	102.00R	134.95	SEE DETAIL 1/100 & NOTE 2
C-23R	208+08.50	102.00R	136.83	SEE DETAIL 1/100 & NOTE 2
C-24R	211+93.50	102.00R	138.71	SEE DETAIL 1/100 & NOTE 2

MANHOLE SCHEDULE D-751a & D-751o

MH ID	STATION	OFFSET	RIM ELEV	COMMENTS
S-30	19900.60	378.69	125.27	RECONSTRUCT, SEE NOTE 3
S-31	20471.07	301.10	130.10	REPLACE, SEE NOTE 3
S-32	20649.83	300.60	128.75	REPLACE, SEE NOTE 3
S-33	21044.48	299.80	131.29	REPLACE, SEE NOTE 3

LEGEND

- SD — PROPOSED UNDERDRAIN/STORM DRAIN
- ■ PROPOSED/RECONSTRUCT MANHOLE
- ● PROPOSED CLEANOUT

60' 30' 0 60' 120'

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

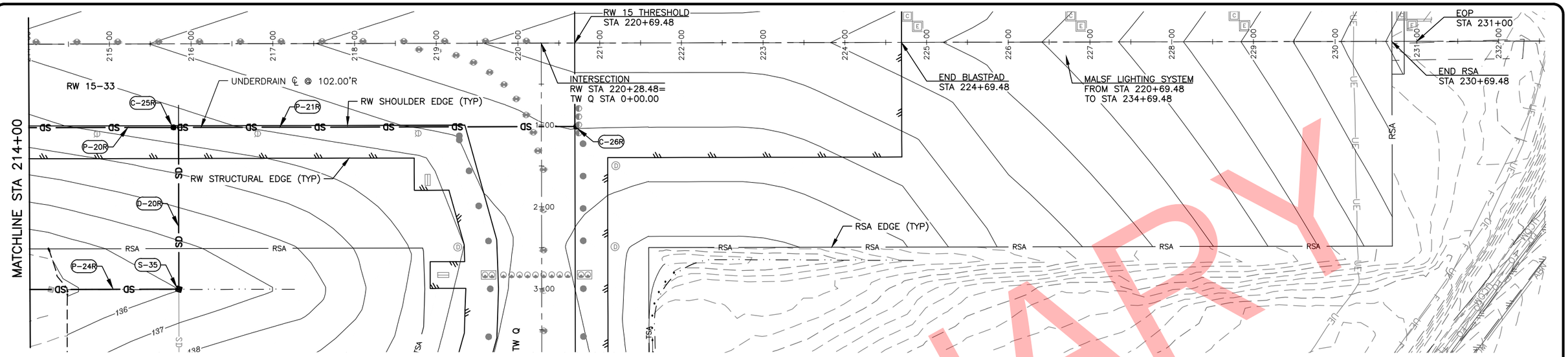
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

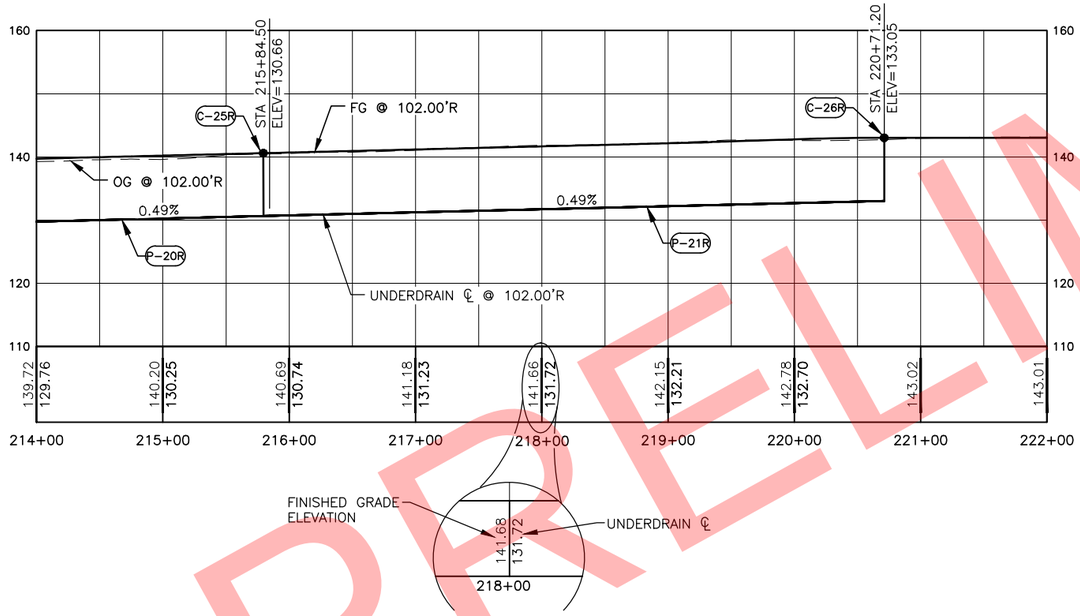
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
DRAINAGE PLAN & PROFILE RIGHT
STA 198+50 TO 214+00

DATE: 2/13/2018
SHEET: 97 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: EAST9
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - DRAINAGE.dwg
2/13/2018, 7:10 PM

PRELIMINARY





PIPE SCHEDULE D-701a & D-705a

PIPE ID	DIA (IN)	LENGTH (FT)	TYPE	BEGIN			END			COMMENTS
				STATION	OFFSET	INVERT	STATION	OFFSET	INVERT	
P-20R	8	540.02	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	210+44.48	102.00R	128.02	215+84.50	102.00R	130.66	PROPOSED PIPE
P-21R	8	486.70	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	215+84.50	102.00R	130.66	220+71.20	102.00R	133.05	PROPOSED PIPE
P-24R	24	540.02	CPE PIPE	210+44.48	299.80R	124.20	215+84.50	102.00R	128.50	REPLACE PIPE
D-20R	8	197.61	CPE PIPE	215+84.50	102.00R	130.66	215+84.50	299.61R	128.68	REPLACE PIPE

CLEANOUT SCHEDULE D-705f

CLEANOUT ID	STATION	OFFSET	LID ELEV	COMMENTS
C-25R	215+78.50	102.00R	140.59	SEE DETAIL 1/100 & NOTE 2
C-26R	220+71.20	102.00R	143.02	SEE DETAIL 1/100 & NOTE 2

MANHOLE SCHEDULE D-751a & D-751o

MH ID	STATION	OFFSET	RIM ELEV	COMMENTS
S-35	215+84.50	299.61R	136.03	REPLACE, SEE NOTE 3

LEGEND

- SD — PROPOSED UNDERDRAIN/STORM DRAIN
- ■ PROPOSED/RECONSTRUCT MANHOLE
- ● PROPOSED CLEANOUT

60' 30' 0 60' 120'

PRELIMINARY

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
DRAINAGE PLAN & PROFILE RIGHT
STA 214+00 TO 231+00

DATE: 2/13/2018
SHEET: 98 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: EAST8
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - DRAINAGE.dwg
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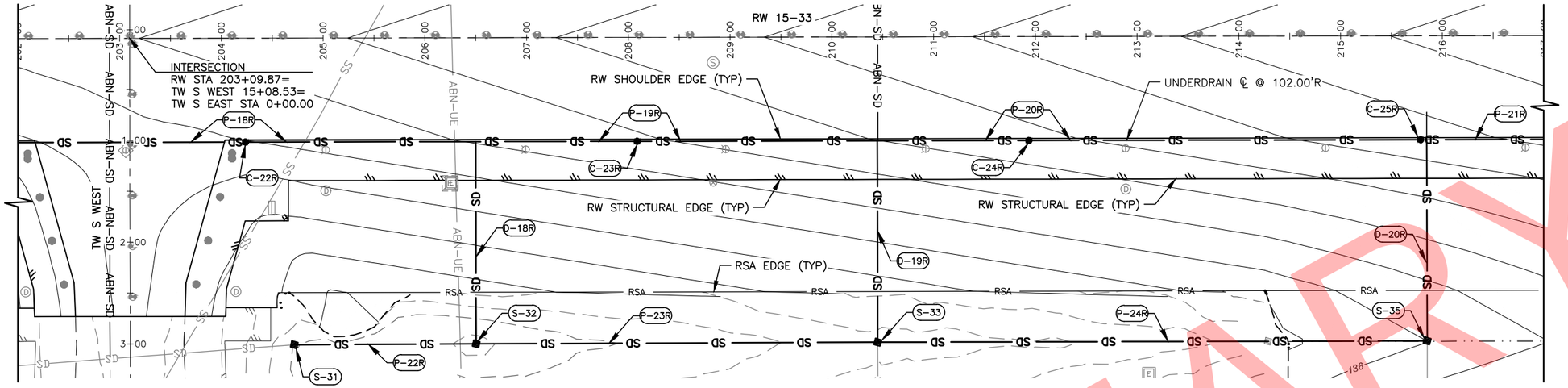
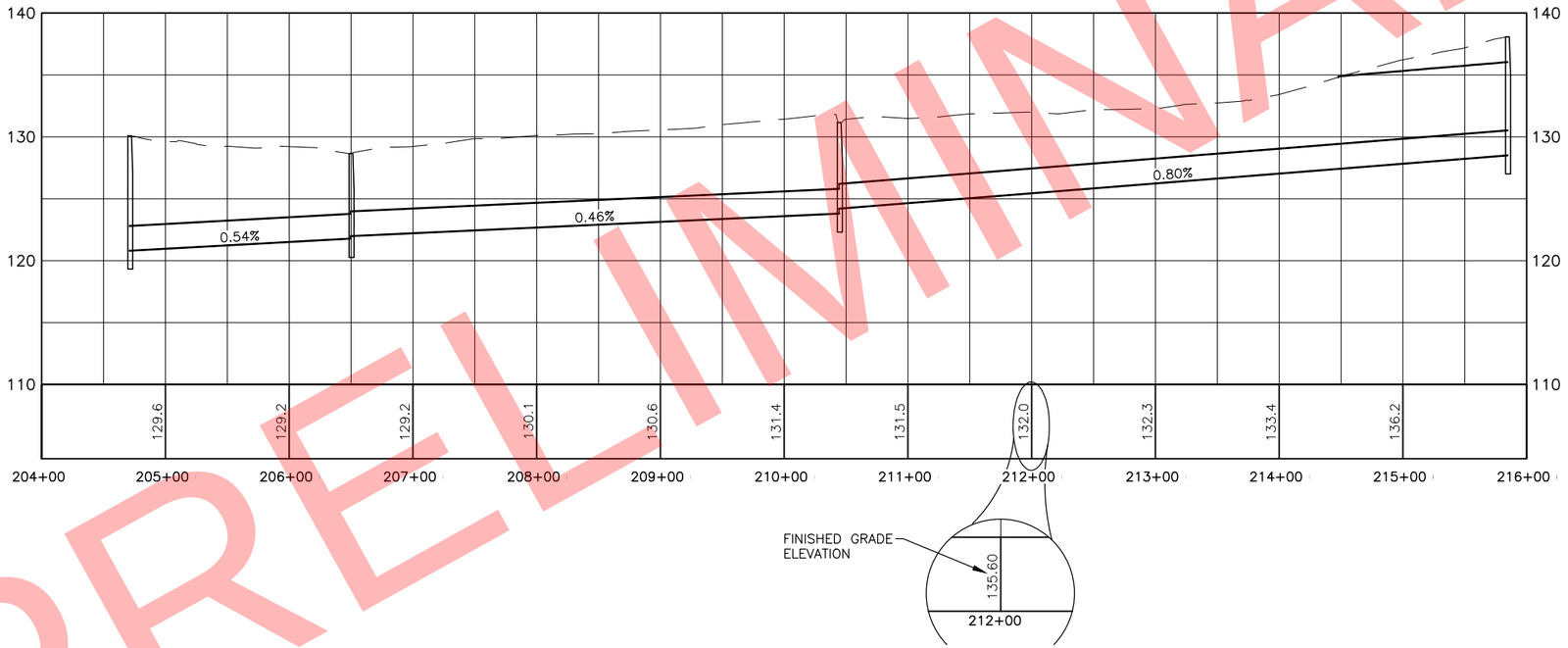




PIPE SCHEDULE D-701a & D-705a

PIPE ID	DIA (IN)	LENGTH (FT)	TYPE	BEGIN			END			COMMENTS
				STATION	OFFSET	INVERT	STATION	OFFSET	INVERT	
P-18R	8	749.23	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	199+00.60	102.00R	122.41	206+49.83	102.00R	126.08	PROPOSED PIPE
P-19R	8	394.65	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	206+49.83	102.00R	126.08	210+44.48	102.00R	128.02	PROPOSED PIPE
P-20R	8	540.02	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	210+44.48	102.00R	128.02	215+84.50	102.00R	130.66	PROPOSED PIPE
P-21R	8	486.70	PERF CPE DRAINAGE TUBING, CLASS S UNDERDRAIN	215+84.50	102.00R	130.66	220+71.20	102.00R	133.05	PROPOSED PIPE
P-22R	24	178.76	CPE PIPE	204+71.07	301.10R	120.80	206+49.83	300.60R	121.77	REPLACE PIPE
P-23R	24	394.65	CPE PIPE	206+49.83	300.60R	121.97	210+44.48	299.80R	123.80	REPLACE PIPE
P-24R	24	540.02	CPE PIPE	210+44.48	299.80R	124.20	215+84.50	299.61R	128.50	REPLACE PIPE
D-18R	8	198.60	CPE PIPE	206+49.83	102.00R	126.08	206+49.83	300.60R	121.91	PROPOSED PIPE
D-19R	8	197.80	CPE PIPE	210+44.48	102.00R	128.02	210+44.48	299.80R	124.06	REPLACE PIPE
D-20R	8	197.61	CPE PIPE	215+84.50	102.00R	130.66	215+84.50	299.61R	128.68	REPLACE PIPE

LEGEND

SD — PROPOSED UNDERDRAIN/STORM DRAIN

■ PROPOSED/RECONSTRUCT MANHOLE

● PROPOSED CLEANOUT

60' 30' 0 60' 120'

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

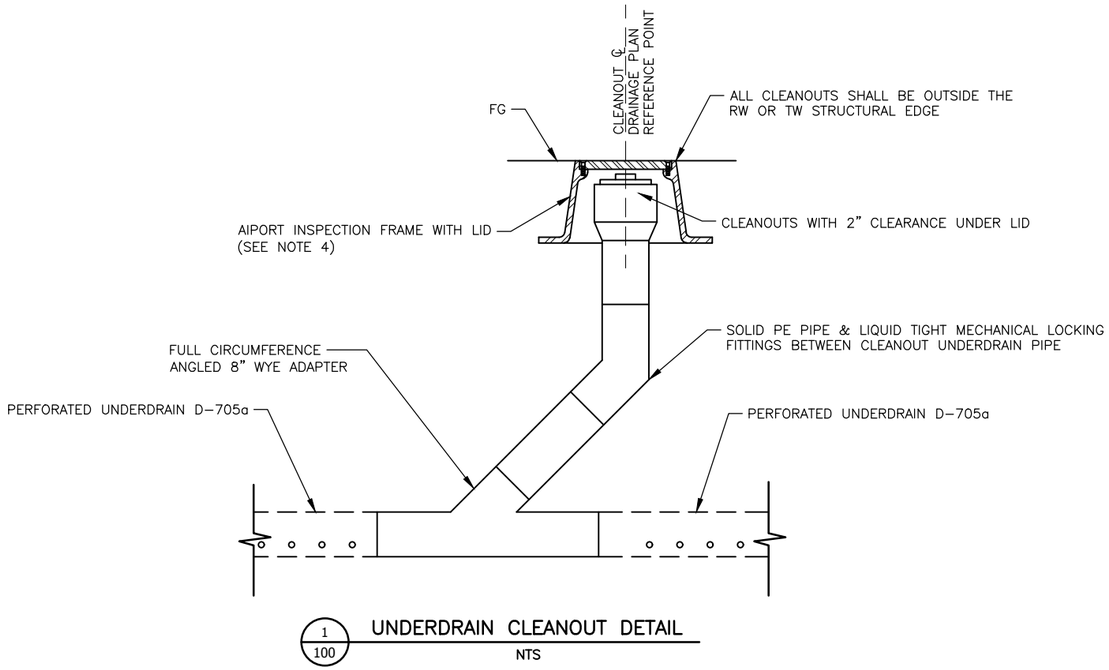
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
STORM DRAIN PLAN & PROFILE RIGHT
STA 202+00 TO 217+00

DATE: 2/13/2018

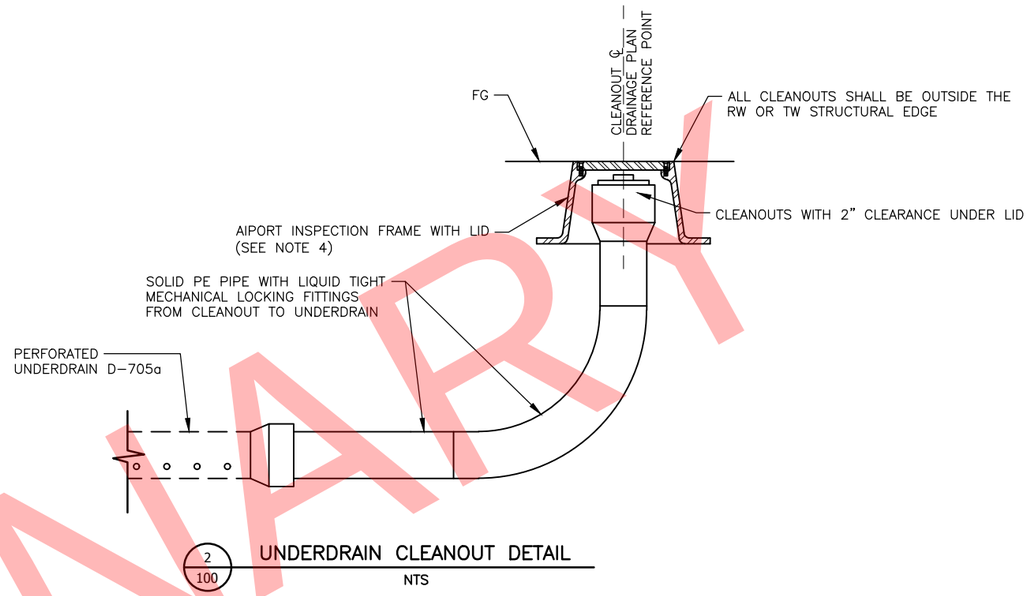
SHEET: 99 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: EAST7
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - DRAINAGE.dwg
2/13/2018, 7:12 PM

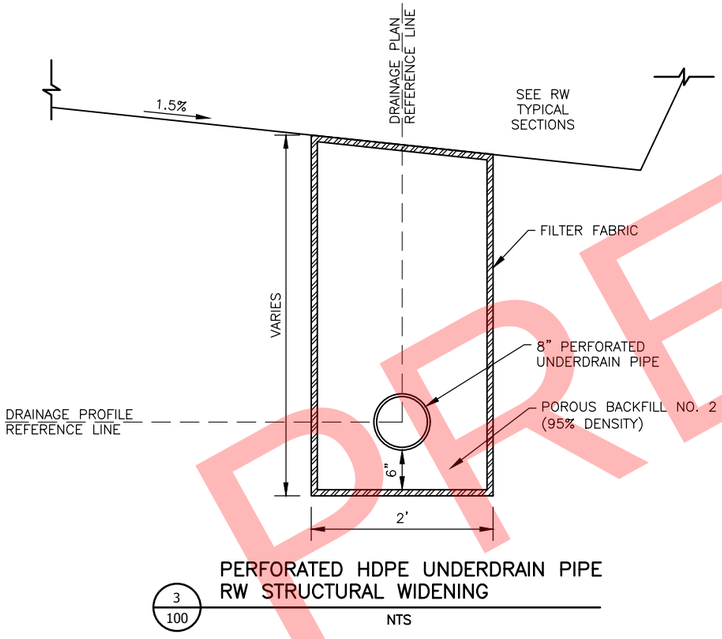
PRELIMINARY



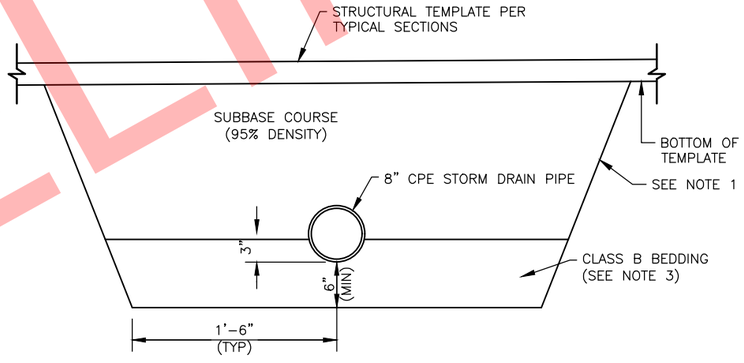
1/100 UNDERDRAIN CLEANOUT DETAIL
NTS



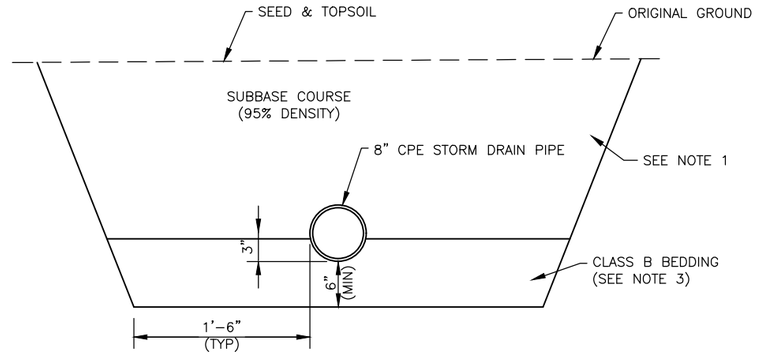
2/100 UNDERDRAIN CLEANOUT DETAIL
NTS



3/100 PERFORATED HDPE UNDERDRAIN PIPE RW STRUCTURAL WIDENING
NTS



4/100 CPE STORM DRAIN PIPE INSIDE RSA
NTS



5/100 CPE STORM DRAIN PIPE OUTSIDE RSA
NTS

NOTES:

1. TRENCH WALL SLOPES WILL VARY WITH SOIL STRENGTH AND CHARACTER. SLOPES SHALL CONFORM TO OSHA SAFETY STANDARDS.
2. HAND DIG OR VACUUM EXCAVATE UNDERDRAIN TRENCH WITHIN 3' OF ALL UTILITIES SHOWN ON THE PLANS AND UTILITIES LOCATED IN THE FIELD.
3. EXCAVATION AND BACKFILL OF STORM DRAIN PIPES IS SUBSIDIARY TO D-701a. SEE SPECIFICATION D-701.
4. UNDERDRAIN CLEANOUT LID MUST BE CERTIFIED BY THE MANUFACTURER TO WITHSTAND AIRCRAFT LOADING PER D-751.

STATE OF ALASKA 49TH — Jenelle R Brinkman CE - 13209 — REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

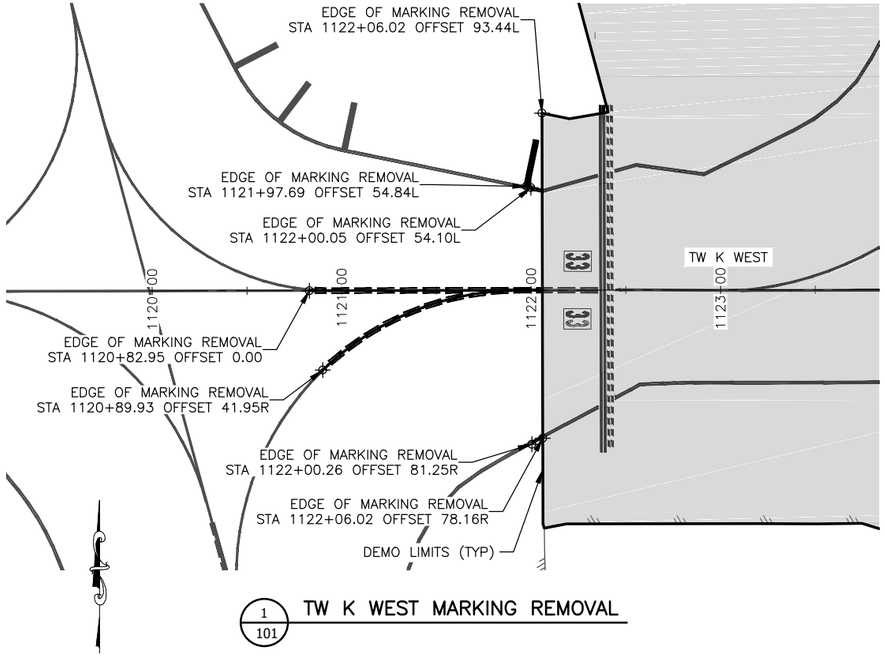
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
DRAINAGE DETAILS

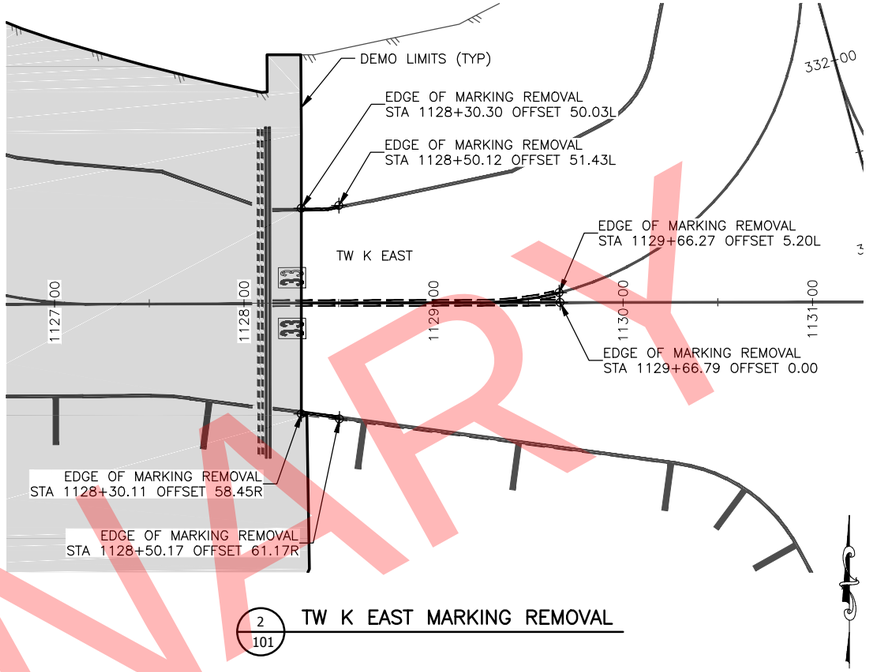
DATE: 2/13/2018
SHEET: 100 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 7:12 PM
Layout Name: DETAILS
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - DRAINAGE.dwg

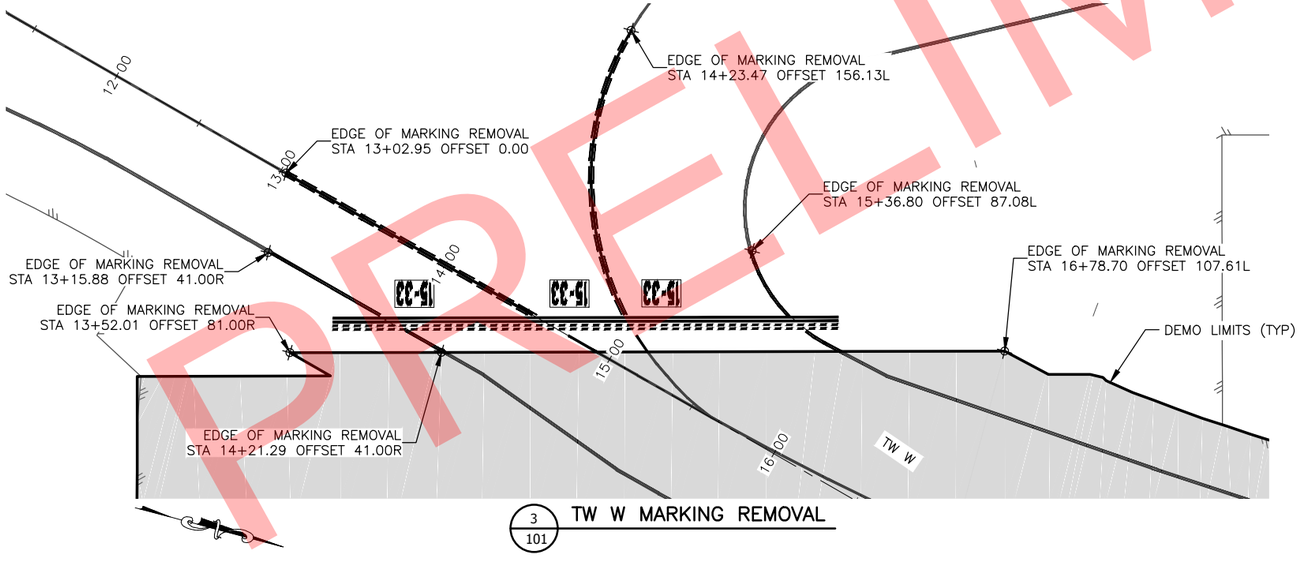
PRELIMINARY



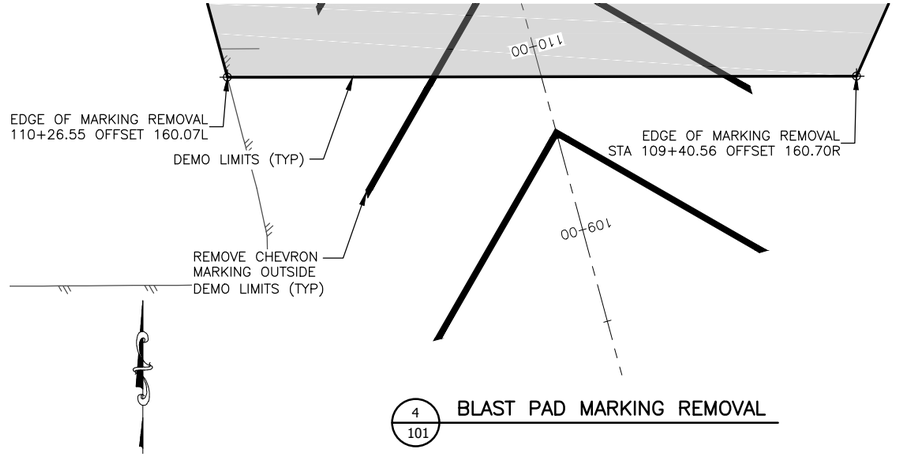
1/101 TW K WEST MARKING REMOVAL



2/101 TW K EAST MARKING REMOVAL



3/101 TW W MARKING REMOVAL



4/101 BLAST PAD MARKING REMOVAL

40' 20' 0 40' 80'
HORIZONTAL SCALE

NOTES:

1. REMOVE PAINT MARKINGS BETWEEN DEMO LIMITS AND HAZARD MARKER BARRIERS UNLESS NOTED OTHERWISE. SEE CSPP FOR HAZARD MARKER BARRIER LOCATIONS.
2. REMOVE ALL ENHANCED CENTERLINE MARKINGS, TAXIWAY HOLD POISTION MARKERS, & RUNWAY SURFACE DESIGNATORS UNLESS OTHERWISE NOTED.

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
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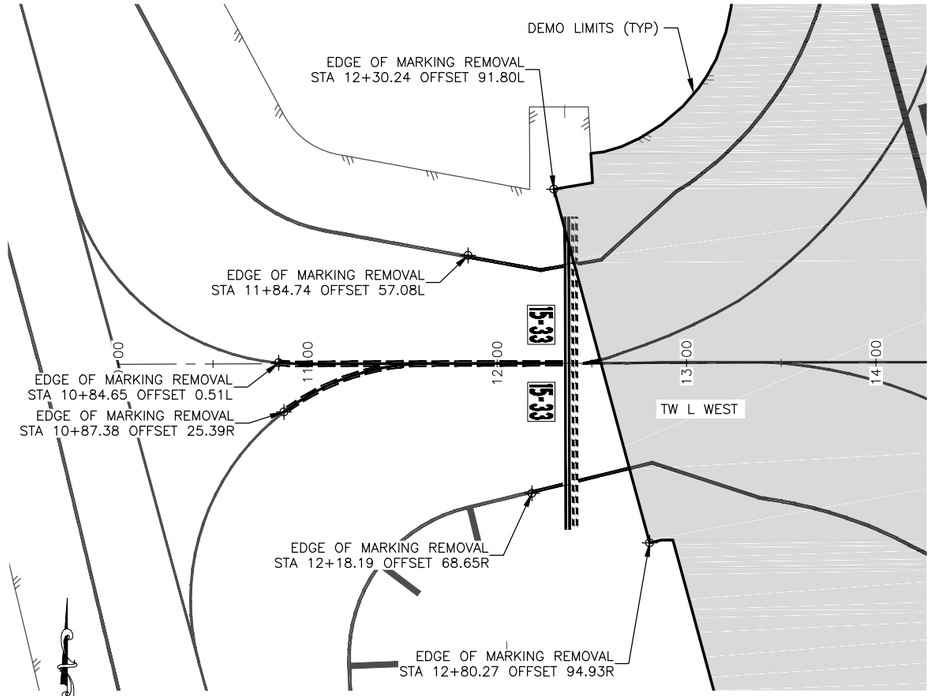
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
PAINT MARKING REMOVAL
TW K, TW W & BLAST PAD

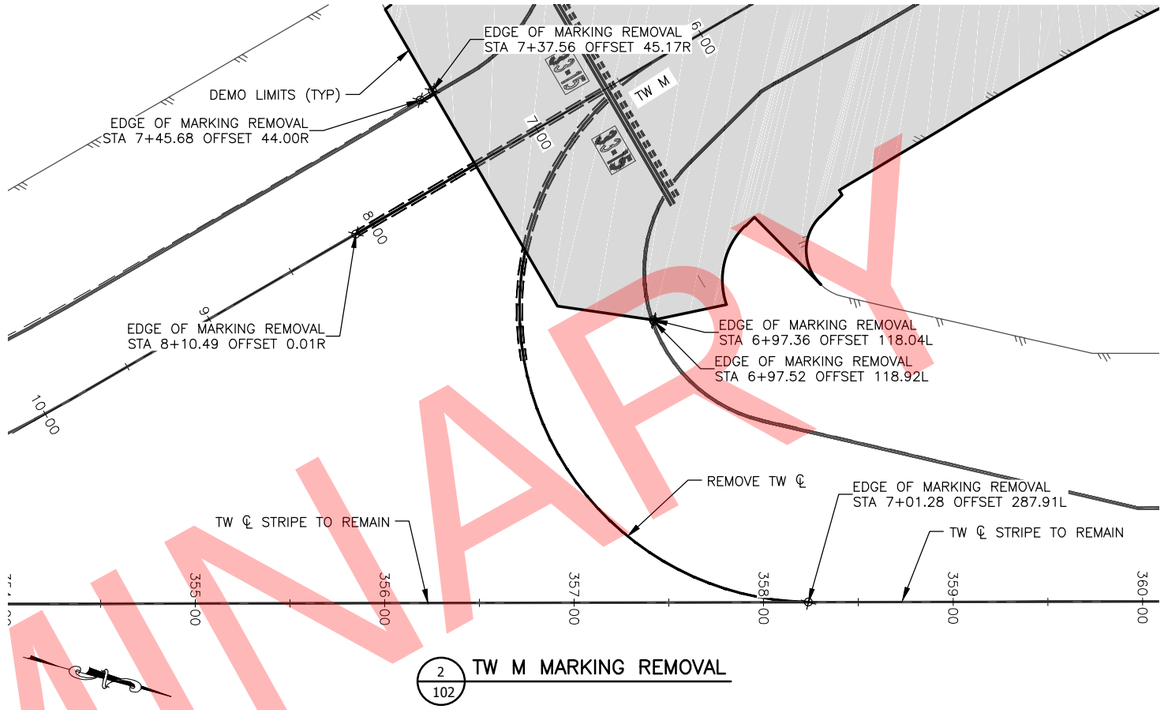
DATE: 2/13/2018
SHEET: 101 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 7:42 PM
Layout Name: K & BLAST PAD
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - MARKING REMOVAL.dwg

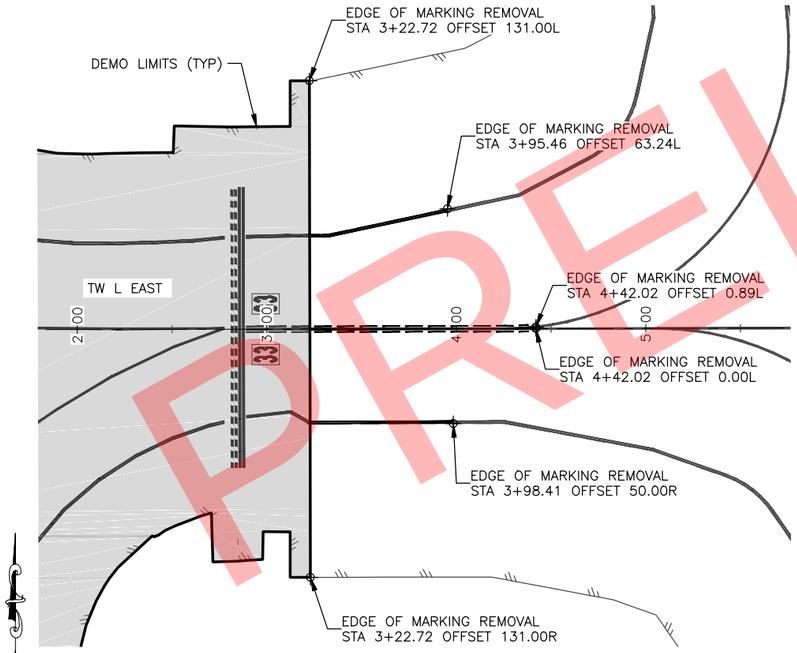
PRELIMINARY



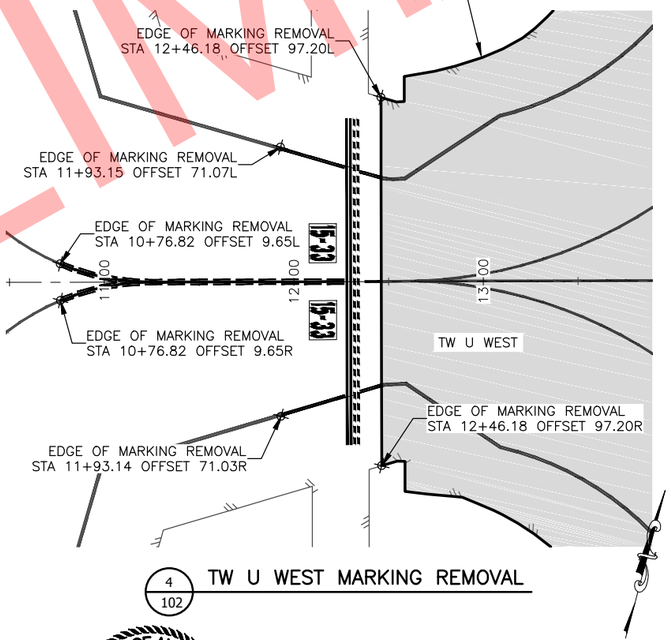
1/102 TW L WEST MARKING REMOVAL



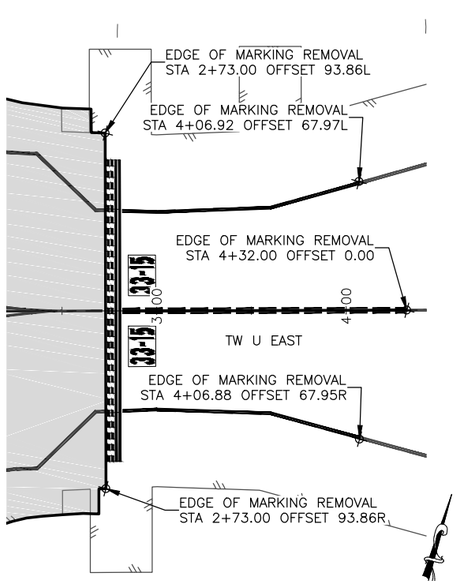
2/102 TW M MARKING REMOVAL



3/102 TW L EAST MARKING REMOVAL



4/102 TW U WEST MARKING REMOVAL



5/102 TW U EAST MARKING REMOVAL

NOTES:

1. REMOVE PAINT MARKINGS BETWEEN DEMO LIMITS AND HAZARD MARKER BARRIERS UNLESS NOTED OTHERWISE. SEE CSPP FOR HAZARD MARKER BARRIER LOCATIONS.
2. REMOVE ALL ENHANCED CENTERLINE MARKINGS, TAXIWAY HOLD POISTION MARKERS, & RUNWAY SURFACE DESIGNATORS UNLESS OTHERWISE NOTED.

40' 20' 0 40' 80'
HORIZONTAL SCALE

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

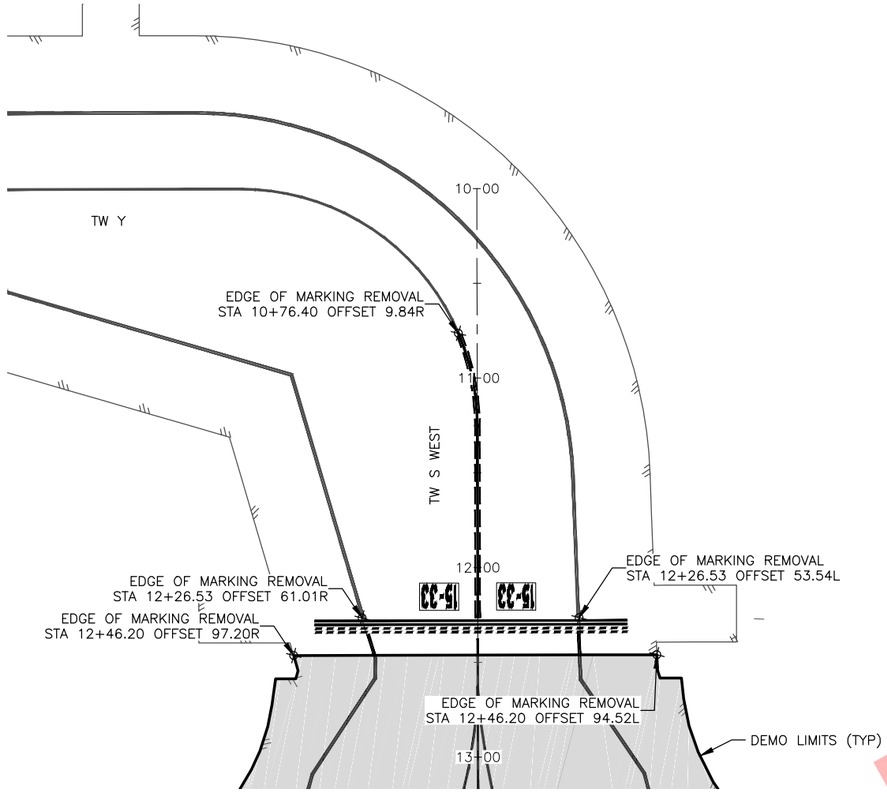
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
PAINT MARKING REMOVAL
TW L, TW M & TW U

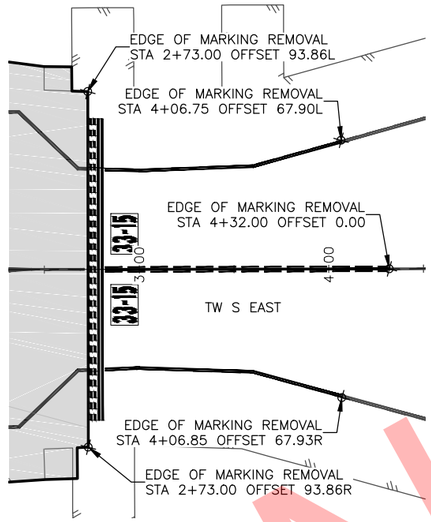
DATE: 2/13/2018
SHEET: 102 OF 123

Designed By:	TC/MR/AD
Drawn By:	RKB
Checked By:	JRB
Layout Name:	L & W
Date Revised:	2/13/2018, 7:42 PM
File Path and Name:	W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - MARKING REMOVAL.dwg

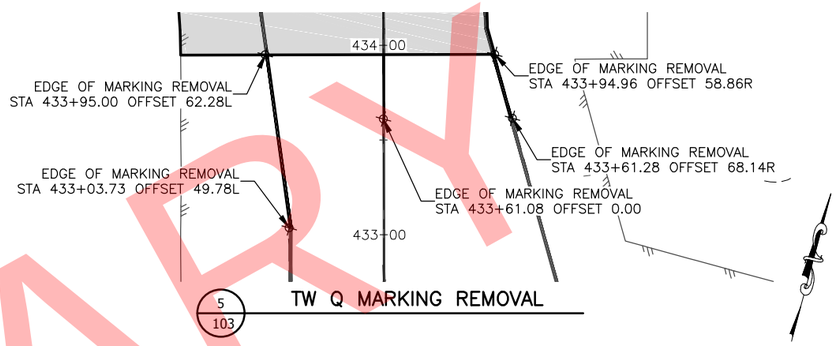
PRELIMINARY



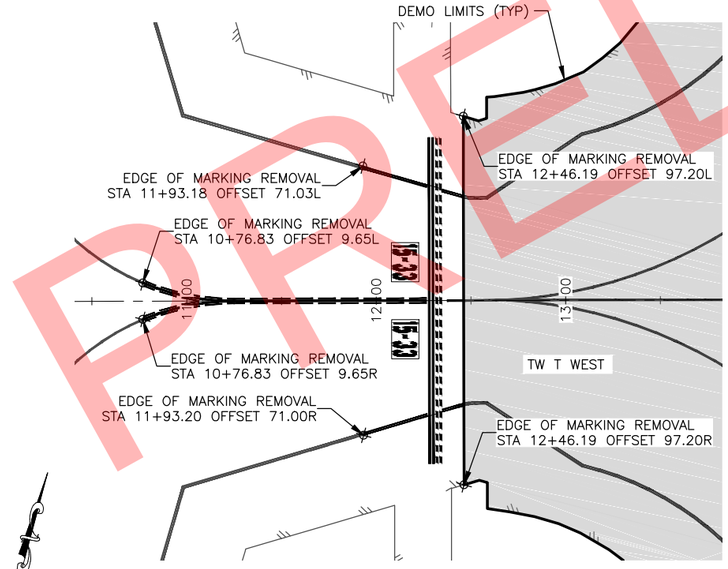
1/103 TW S WEST MARKING REMOVAL



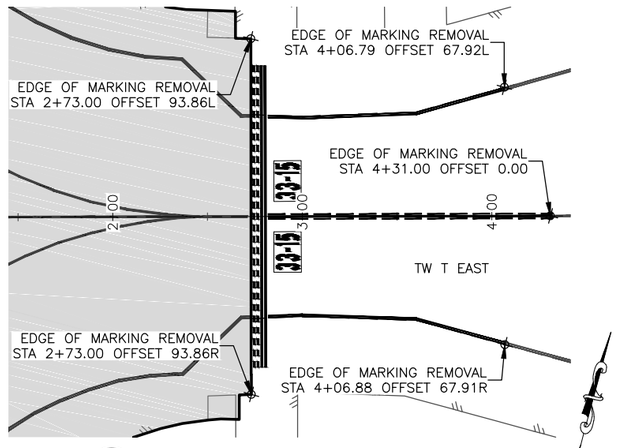
2/103 TW S EAST MARKING REMOVAL



5/103 TW Q MARKING REMOVAL



3/103 TW T WEST MARKING REMOVAL



4/103 TW T EAST MARKING REMOVAL

NOTES:

1. REMOVE PAINT MARKINGS BETWEEN DEMO LIMITS AND HAZARD MARKER BARRIERS UNLESS NOTED OTHERWISE. SEE CSPP FOR HAZARD MARKER BARRIER LOCATIONS.
2. REMOVE ALL ENHANCED CENTERLINE MARKINGS, TAXIWAY HOLD POISTION MARKERS, & RUNWAY SURFACE DESIGNATORS UNLESS OTHERWISE NOTED.

40' 20' 0 40' 80'
HORIZONTAL SCALE

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
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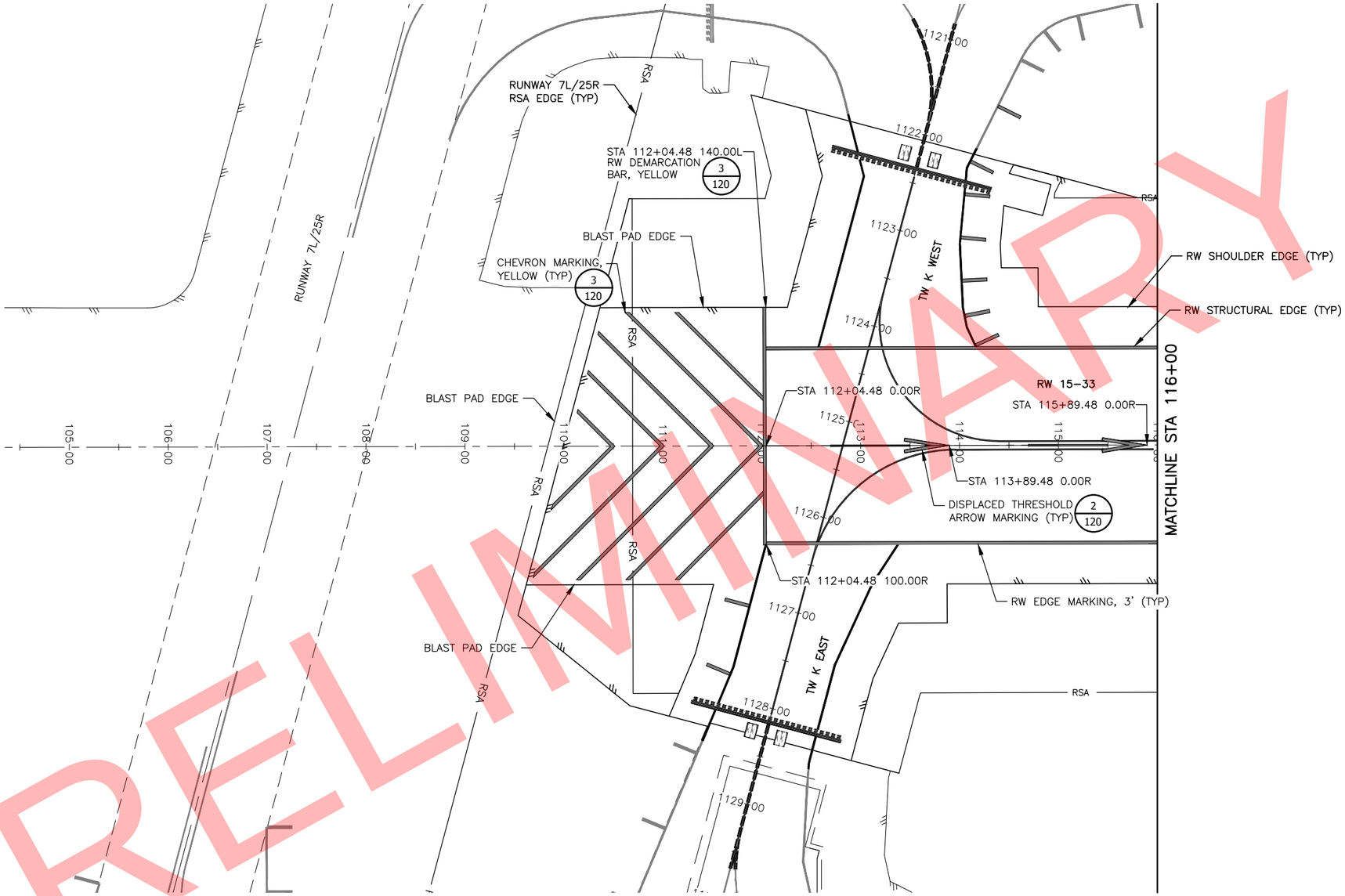
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
PAINT MARKING REMOVAL
TW S, TW T, & TW Q

DATE: 2/13/2018
SHEET: 103 OF 123

Date Revised:
Layout Name: M U T & S
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - MARKING REMOVAL.dwg
2/13/2018, 7:43 PM
Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB

PRELIMINARY



PRELIMINARY

RUNWAY MARKING NOTES:

1. ALL RW MARKINGS ARE WHITE UNLESS OTHERWISE NOTED.
2. ALL MARKINGS EXCEPT RW EDGE MARKING TO HAVE 6" BLACK BORDER UNLESS OTHERWISE NOTED.
3. GLASS BEADS ON ALL PAINT EXCEPT FOR BLACK.
4. TW MARKINGS DETAILS NOT SHOWN FOR CLARITY. FOR TW MARKING INFORMATION SEE TW MARKING PLANS SHEETS 112–119.

60' 30' 0 60' 120'
HORIZONTAL SCALE

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
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4111 AVIATION AVE., ANCHORAGE ALASKA 99502
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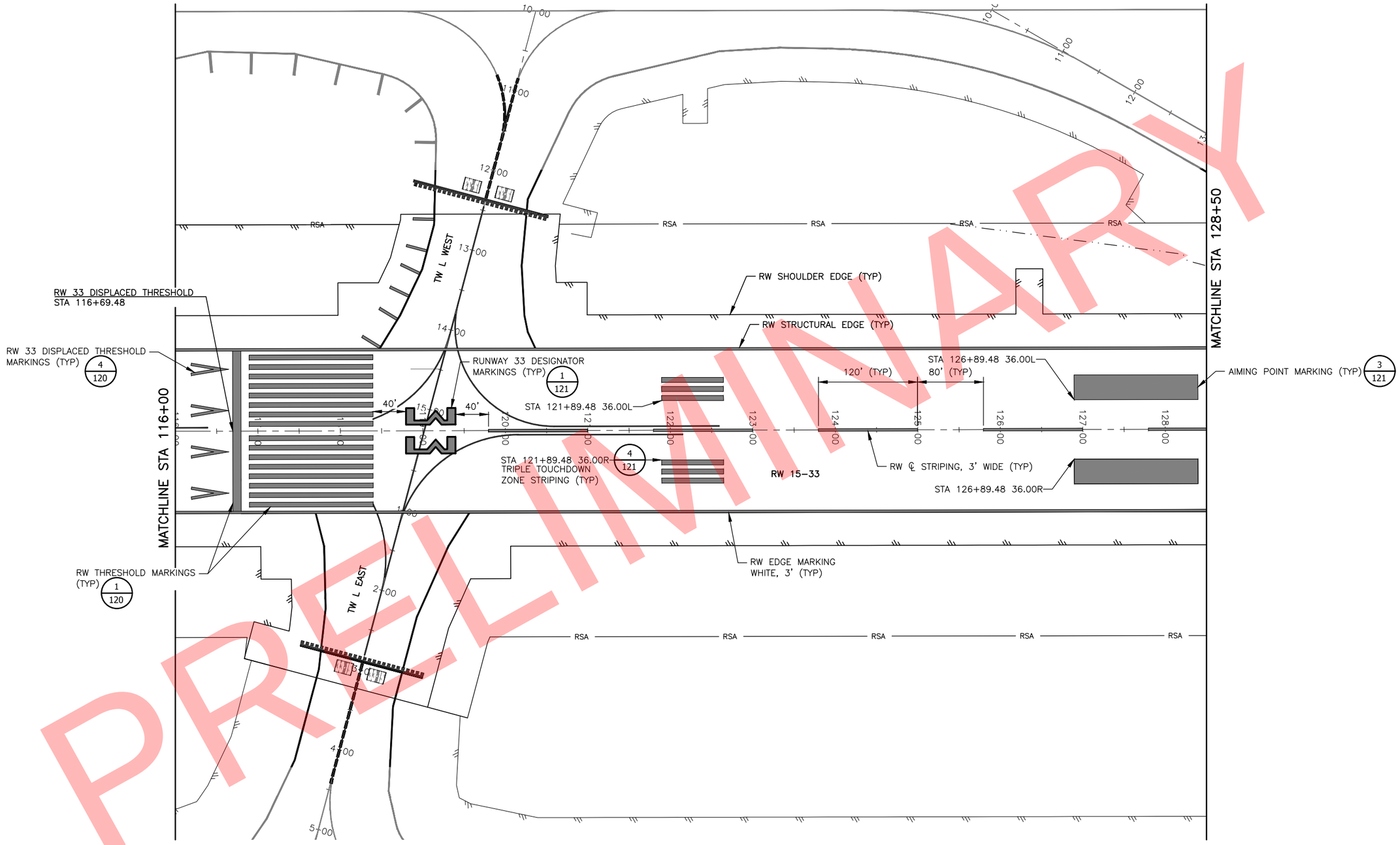
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY MARKING PLAN
STA 104+50 TO 116+00

DATE: 2/13/2018
SHEET: 104 OF 123

Designed By:	TC/MR/AD
Drawn By:	RKB
Checked By:	JRB
Date Revised:	2/13/2018, 7:43 PM
Layout Name:	108+00 TO 116+00
File Path and Name:	W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - RW Marking.dwg



60' 30' 0 60' 120'
HORIZONTAL SCALE

STATE OF ALASKA
49 TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
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RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY MARKING PLAN
STA 116+00 TO 128+50

DATE: 2/13/2018
SHEET: 105 OF 123

Designed By:	TC/MR/AD
Drawn By:	RKB
Checked By:	JRB
Date Revised:	
Layout Name:	2/13/2018, 7:43 PM
File Path and Name:	116+00 TO 128+50 W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - RW Marking.dwg

PRELIMINARY

MATCHLINE STA 128+50

MATCHLINE STA 147+00

RSA

RW SHOULDER EDGE (TYP)

RW EDGE MARKING, 3' WIDE (TYP)

RW STRUCTURAL EDGE (TYP)

RW 15-33

TW W

TW M

TSA

STA 131+89.48 36.00L
DOUBLE TOUCHDOWN
ZONE STRIPING (TYP)

4
121

STA 131+89.48 36.00R

120' (TYP)

80' (TYP)

RW ℄ STRIPING, 3' WIDE (TYP)

STA 136+89.48 36.00L

STA 136+89.48 36.00R

STA 141+89.48 36.00L
SINGLE TOUCHDOWN
ZONE STRIPING TYP)

STA 141+89.48 36.00R

200' (TYP)

STA 146+89.48 36.00L

STA 146+89.48 36.00R

RW EDGE MARKING, 3' WIDE (TYP)

60' 30' 0 60' 120'
HORIZONTAL SCALE

STATE OF ALASKA
49 TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
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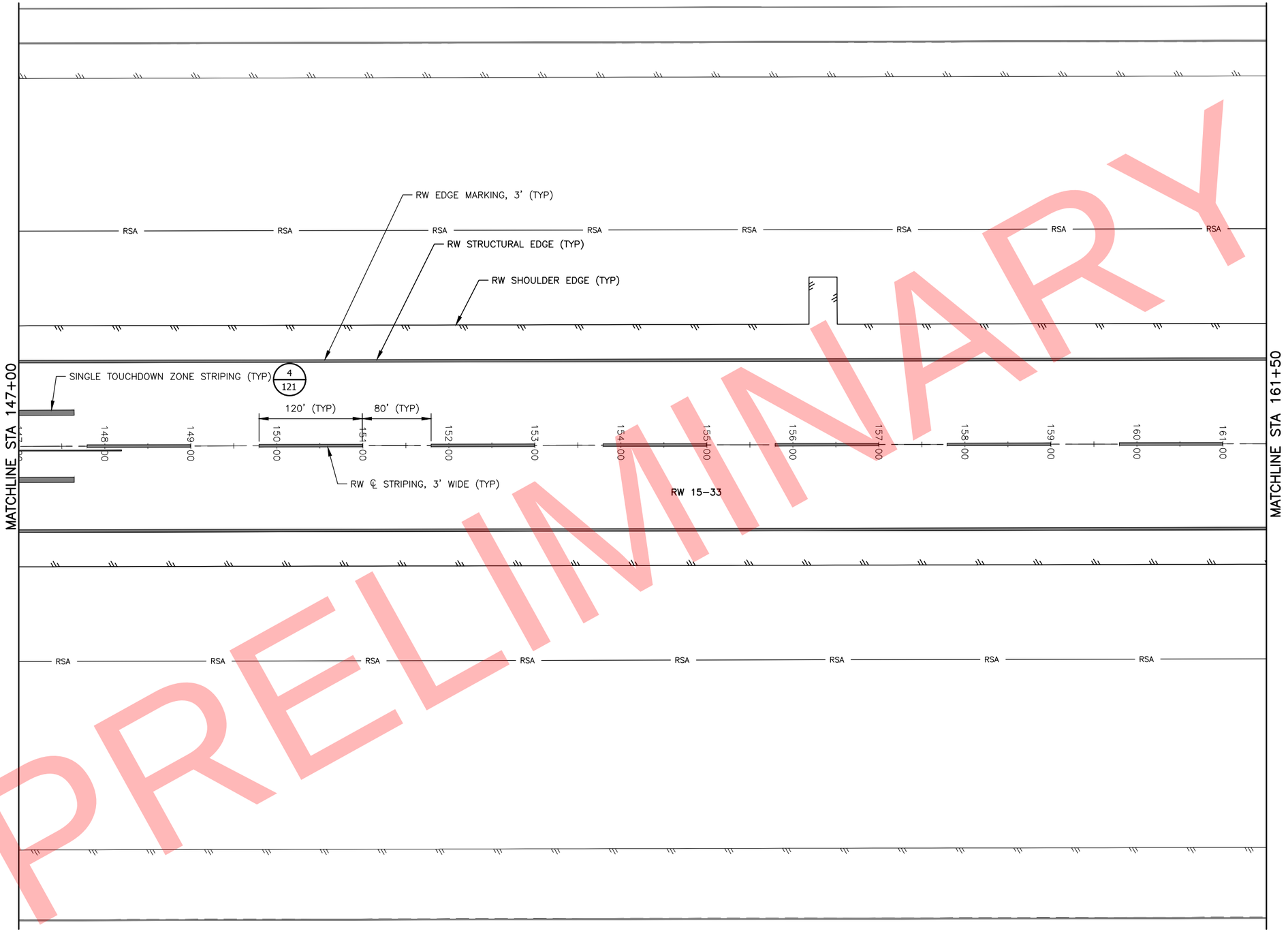
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY MARKING PLAN STA
128+50 TO 147+00

DATE: 2/13/2018

SHEET: 106 OF 123

Designed By:	TC/MR/AD
Drawn By:	RKB
Checked By:	JRB
Date Revised:	2/13/2018, 7:43 PM
Layout Name:	128+50 TO 147+00
File Path and Name:	W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - RW Marking.dwg

PRELIMINARY



PRELIMINARY

60' 30' 0 60' 120'
HORIZONTAL SCALE

STATE OF ALASKA 49 TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
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ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY MARKING PLAN
STA 147+00 TO 161+50

DATE: 2/13/2018
SHEET: 107 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: 147+00 TO 161+50
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - RW Marking.dwg
2/13/2018, 7:44 PM

PRELIMINARY

MATCHLINE STA 161+50

MATCHLINE STA 180+00

RW 15–33

RW SHOULDER EDGE (TYP)

RW EDGE MARKING, 3' (TYP)

RW STRUCTURAL EDGE (TYP)

RW ℄ STRIPING, 3' WIDE (TYP)

80' (TYP) 120' (TYP) 40' 110' 40' 110' 40' 120' (TYP) 80' (TYP)

RSA

TW U WEST

TW U EAST

STA 165+79.48 0.00R

STA 171+59.48 0.00R

162+00 163+00 164+00 165+00 166+00 167+00 168+00 169+00 170+00 171+00 172+00 173+00 174+00 175+00 176+00 177+00 178+00 179+00

11+00 12+00 13+00 14+00 15+00 1+00 2+00 3+00 4+00 5+00

60' 30' 0 60' 120'

HORIZONTAL SCALE

STATE OF ALASKA 49TH

Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
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TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY MARKING PLAN
STA 161+50 TO 180+00

DATE: 2/13/2018

SHEET: 108 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB

Date Revised: 2/13/2018, 7:44 PM
Layout Name: 161+50 TO 180+00
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - RW Marking.dwg

PRELIMINARY

Designed By:	TC/MR/AD
Drawn By:	RKB
Checked By:	JRB

Date Revised:	2/13/2018, 7:44 PM
Layout Name:	180+00 TO 198+50
File Path and Name:	W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - RW Marking.dwg

MATCHLINE STA 180+00

MATCHLINE STA 198+50

RSA

RW EDGE MARKING, 3' (TYP)

RW SHOULDER EDGE (TYP)

RW STRUCTURAL EDGE (TYP)

TW T WEST

TW T EAST

120' (TYP)

80' (TYP)

RW ℄ STRIPING, 3' WIDE (TYP)

RW 15-33

STA 190+49.48 36.00L

STA 190+49.48 36.00R
SINGLE TOUCHDOWN ZONE STRIPING (TYP)

4
121

STA 195+49.48 36.00L

STA 195+49.48 36.00R

60' 30' 0 60' 120'
HORIZONTAL SCALE

STATE OF ALASKA
49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
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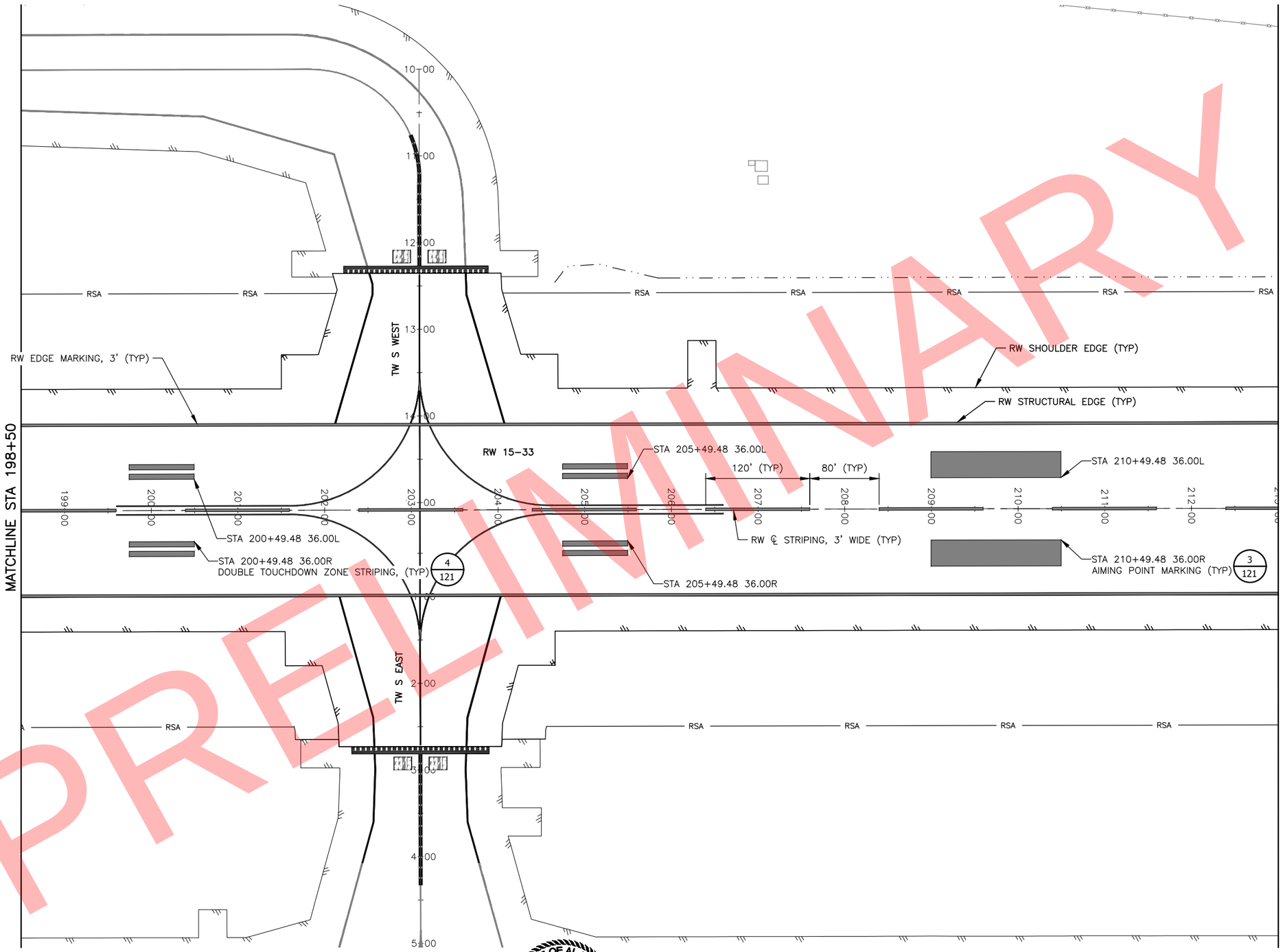
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY MARKING PLAN
STA 180+00 TO 198+50

DATE: 2/13/2018

SHEET: 109 OF 123



PRELIMINARY

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
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TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY MARKING PLAN
STA 198+50 TO 217+00

DATE: 2/13/2018
SHEET: 110 OF 123

Designed By:	TC/MR/AD
Drawn By:	RKB
Checked By:	JRB
Date Revised:	2/13/2018, 7:44 PM
Layout Name:	198+50 TO 213+00
File Path and Name:	W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - RW Marking.dwg

MATCHLINE STA 213+00

RSA

RW SHOULDER EDGE (TYP)

RW STRUCTURAL EDGE (TYP)

RUNWAY 15 DESIGNATOR MARKINGS (TYP) 2/121

RW THRESHOLD MARKINGS (TYP) 1/120

CHEVRON MARKING, YELLOW (TYP) 5/120

RW 15 THRESHOLD
STA 220+69.48

120' (TYP)

80' (TYP)

40'

40'

RW 15–33

STA 215+49.48 36.00L

STA 215+49.48 36.00R

RW EDGE MARKING 3' (TYP)

TRIPLE TOUCHDOWN ZONE STRIPING (TYP) 4/121

TW Q

TW R

TSA

213+00 214+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+00 229+00 230+00 231+00

2+00 3+00 4+00 5+00

433+00 434+00 435+00 436+00 437+00 438+00 439+00 439+75.42 5+99.99

PRELIMINARY

60' 30' 0 60' 120'
HORIZONTAL SCALE

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
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4111 AVIATION AVE., ANCHORAGE ALASKA 99502
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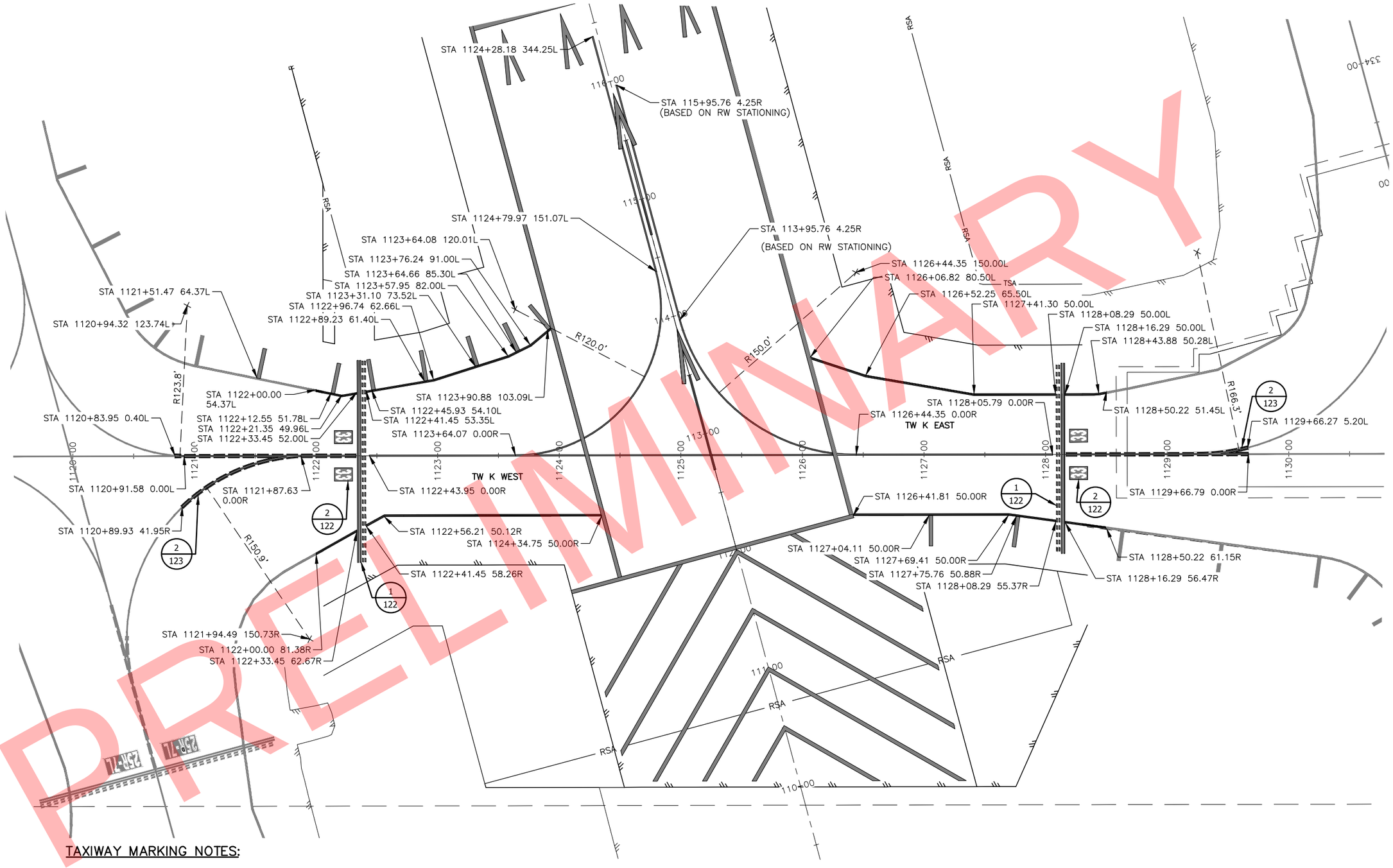
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
RUNWAY MARKING PLAN
STA 217+00 TO 231+00

DATE: 2/13/2018

SHEET: 111 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 7:44 PM
Layout Name: 213+00 TO 231+00
File Path and Names: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - RW Marking.dwg



PRELIMINARY

TAXIWAY MARKING NOTES:

1. ALL TW MARKINGS ARE YELLOW UNLESS OTHERWISE NOTED. RUNWAY DESIGNATOR MARKINGS ARE RED, BLACK, AND WHITE. SEE DETAIL FOR MORE INFORMATION.
2. GLASS BEADS ON ALL PAINT EXCEPT FOR BLACK.
3. ALL MARKINGS HAVE 6" BLACK BORDER UNLESS OTHERWISE NOTED.
4. RW MARKINGS DETAILS NOT SHOWN FOR CLARITY. FOR RW MARKING INFORMATION SEE RW MARKING PLANS SHEETS 104–111.
5. STATION AND OFFSET BASED ON TW STATIONING UNLESS OTHERWISE NOTED.

40 20 0' 40 80

STATE OF ALASKA 49 TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
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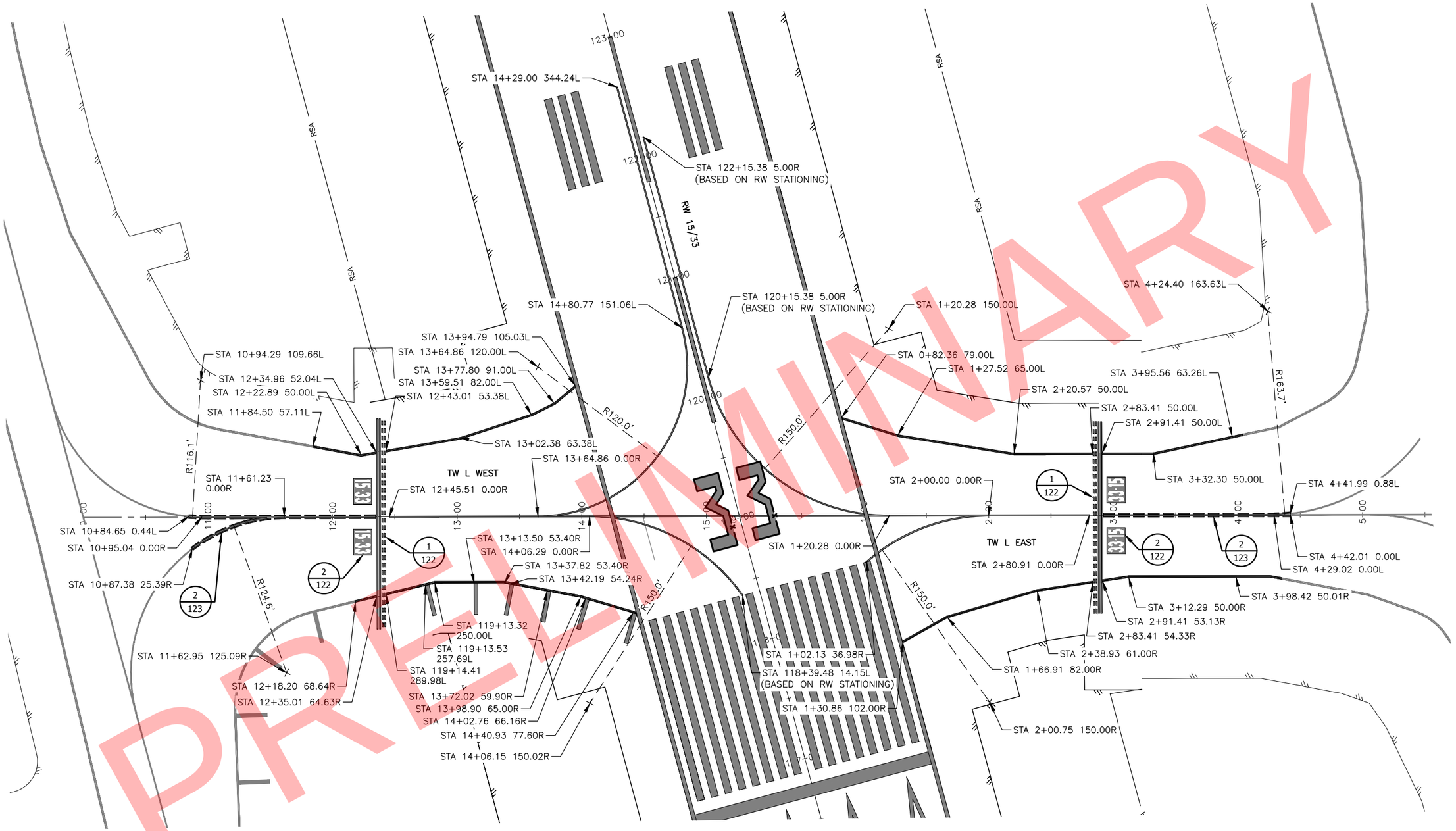
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY K MARKING PLAN

DATE: 2/13/2018
SHEET: 112 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: 2/13/2018, 7:45 PM
File Path and Names: K WEST
W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - TW Marking.dwg



PRELIMINARY

TAXIWAY MARKING NOTES:

1. ALL TW MARKINGS ARE YELLOW UNLESS OTHERWISE NOTED. RUNWAY DESIGNATOR MARKINGS ARE RED, BLACK, AND WHITE. SEE DETAIL FOR MORE INFORMATION.
2. GLASS BEADS ON ALL PAINT EXCEPT FOR BLACK.
3. ALL MARKINGS HAVE 6" BLACK BORDER UNLESS OTHERWISE NOTED.
4. RW MARKINGS DETAILS NOT SHOWN FOR CLARITY. FOR RW MARKING INFORMATION SEE RW MARKING PLANS SHEETS 104–111.
5. STATION AND OFFSET BASED ON TW STATIONING UNLESS OTHERWISE NOTED.

40 20 0' 40 80

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
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ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY L MARKING PLAN

DATE: 2/13/2018
SHEET: 113 OF 123

Designed By:	TC/MR/AD
Drawn By:	RKB
Checked By:	JRB
Date Revised:	2/13/2018, 7:45 PM
Layout Name:	L WEST
File Path and Name:	W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA – TW Marking.dwg

STA 137+85.84 1600.05L
(BASED ON RW STATIONING)

STA 138+73.03 1500.00L
(BASED ON RW STATIONING)

STA 138+24.90 1258.23L
(BASED ON RW STATIONING)

STA 140+71.95 5.00L
(BASED ON RW STATIONING)

STA 137+87.82 100.00L
(BASED ON RW STATIONING)

STA 137+77.83 5.00L
(BASED ON RW STATIONING)

STA 14+23.47 156.13L

STA 15+78.47 155.00L

STA 15+36.81 87.07L

STA 15+92.36 144.74L

STA 17+78.01 71.00L

STA 15+70.98 67.57L

STA 15+82.98 65.22L

STA 15+86.93 64.86L

STA 15+94.23 64.69L

STA 15+90.41 64.69L

STA 15+78.47 0.00R

STA 16+15.06 0.00R

STA 20+03.29 51.11L

STA 13+02.95 0.00R

STA 16+52.66 41.00R

STA 13+98.96 41.00R

STA 13+82.87 41.03R

STA 13+14.98 41.01R

STA 16+65.16 87.65R

TW Y

TW W

RW 15/33

RSA

R1500.0'

R1254.1'

R155.0'

R80.0'

R25.0'

2/123

2/122

1/123

1/122

13+00 14+00 15+00 16+00 17+00 18+00 19+00 20+00 21+00 22+00 23+00 24+00

140+00 139+00 138+00 137+00 136+00 135+00 134+00 133+00 132+00

40 20 0' 40 80

TAXIWAY MARKING NOTES:

1. ALL TW MARKINGS ARE YELLOW UNLESS OTHERWISE NOTED. RUNWAY DESIGNATOR MARKINGS ARE RED, BLACK, AND WHITE. SEE DETAIL FOR MORE INFORMATION.
2. GLASS BEADS ON ALL PAINT EXCEPT FOR BLACK.
3. ALL MARKINGS HAVE 6" BLACK BORDER UNLESS OTHERWISE NOTED.
4. RW MARKINGS DETAILS NOT SHOWN FOR CLARITY. FOR RW MARKING INFORMATION SEE RW MARKING PLANS SHEETS 104–111.
5. STATION AND OFFSET BASED ON TW STATIONING UNLESS OTHERWISE NOTED.

PRELIMINARY

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY W MARKING PLAN

DATE: 2/13/2018

SHEET: 114 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB

Date Revised: 2/13/2018, 7:45 PM
Layout Name: W1
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA – TW Marking.dwg

PRELIMINARY

STA 147+42.05 1500.02R
(BASED ON RW STATIONING)

146+54.62 1599.48R
(BASED ON RW STATIONING)

STA 148+19.69 5.00R
(BASED ON RW STATIONING)

STA 146+54.84 100.00R
(BASED ON RW STATIONING)

STA 146+19.65 5.00R
(BASED ON RW STATIONING)

STA 7+15.26 279.90L

STA 6+40.23 149.99L

STA 6+97.57 119.11L

STA 6+94.35 107.25L

STA 6+20.62 138.30L

STA 7+75.84 87.00L

STA 6+40.64 60.84L

STA 5+71.61 43.00L

STA 5+27.45 43.00L

STA 6+43.19 0.00R

STA 8+10.49 0.00R

STA 4+03.40 0.00R

STA 6+59.99 65.73R

STA 6+51.99 73.53R

STA 6+40.71 89.00R

STA 7+45.68
44.00R

STA 7+18.65
44.00R

STA 7+18.64 133.98R

STA 6+06.57 148.13R

STA 6+71.52 185.63R

STA 6+34.02 250.59R

R1500.0'

R1499.4'

R150.0'

R80.0'

R90.0'

R75.0'

TSA

RSA

RW 15/33

TW M

TAXIWAY MARKING NOTES:

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5. STATION AND OFFSET BASED ON TW STATIONING UNLESS OTHERWISE NOTED.

40 20 0' 40 80

STATE OF ALASKA 49TH
Jenelle R Brinkman
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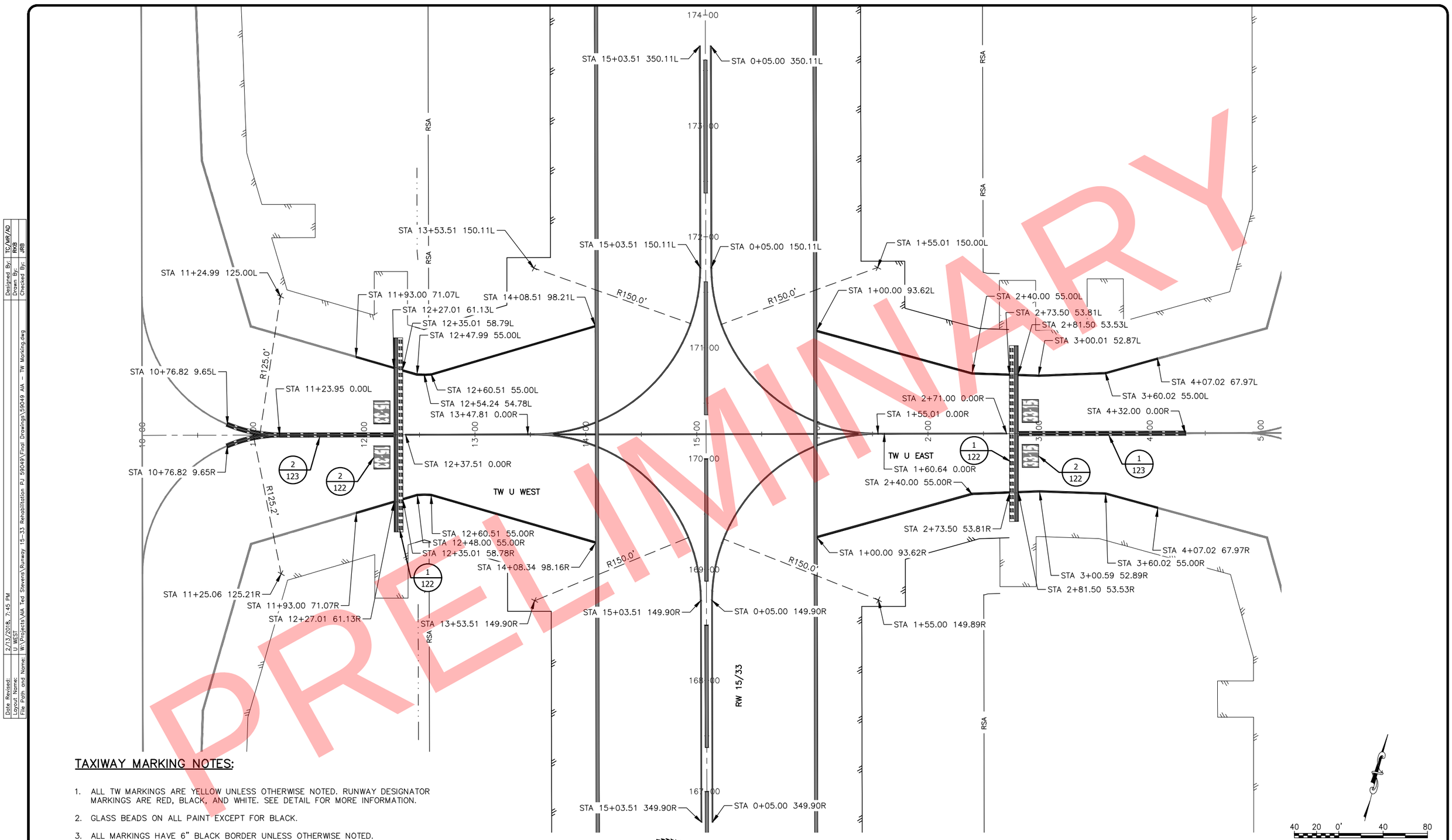
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY M MARKING PLAN

DATE: 2/13/2018
SHEET: 115 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB

Date Revised: 2/13/2018, 7:45 PM
Layout Name: M1
File Path and Names: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA – TW Marking.dwg



PRELIMINARY

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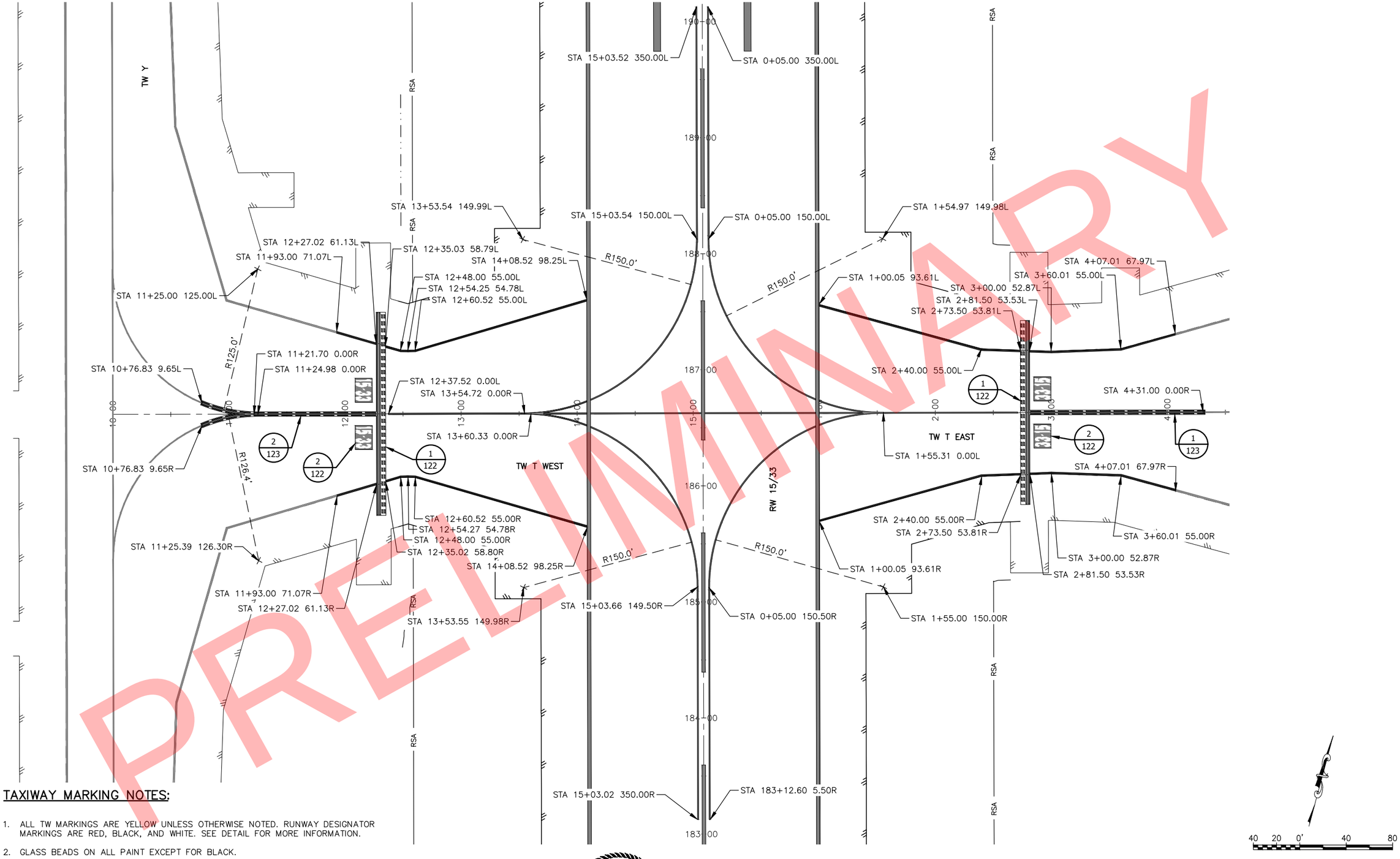
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY U MARKING PLAN

DATE: 2/13/2018
SHEET: 116 OF 123

Designed By:	TC/MR/AD
Drawn By:	RKB
Checked By:	JRB
Date Revised:	2/13/2018, 7:45 PM
Layout Name:	U WEST
File Path and Name:	W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA – TW Marking.dwg



PRELIMINARY

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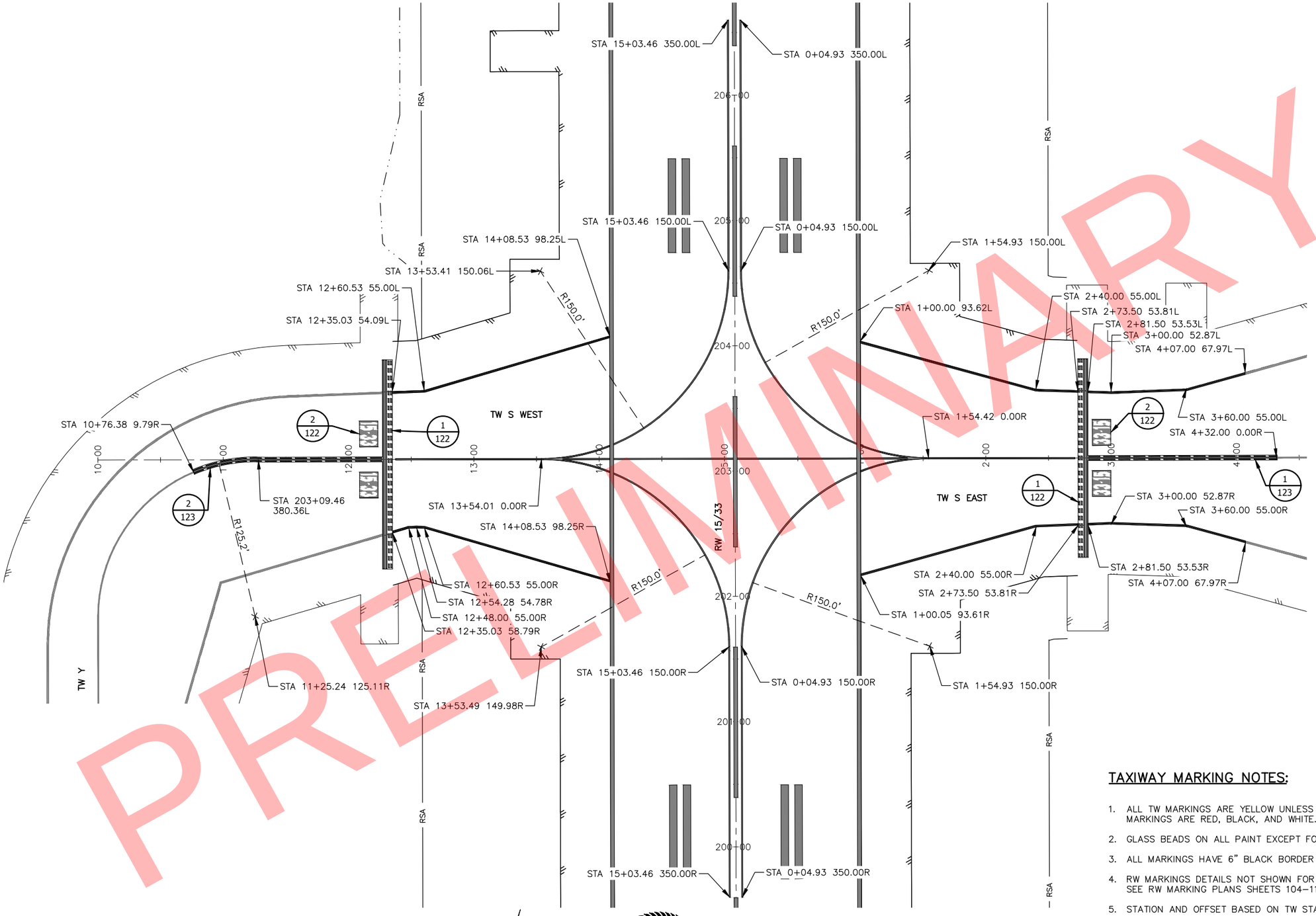
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY T MARKING PLAN

DATE: 2/13/2018
SHEET: 117 OF 123

Designed By:	TC/MR/AD
Drawn By:	RKB
Checked By:	JRB
Date Revised:	2/13/2018, 7:45 PM
Layout Name:	T WEST
File Path and Name:	W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA – TW Marking.dwg

PRELIMINARY

Designed By:	TC/MR/AD
Drawn By:	RKB
Checked By:	JRB
Date Revised:	2/13/2018, 7:46 PM
Layout Name:	S WEST
File Path and Name:	W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA – TW Marking.dwg



TAXIWAY MARKING NOTES:

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40 20 0' 40 80

STATE OF ALASKA 49TH
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BY	DATE	REVISION

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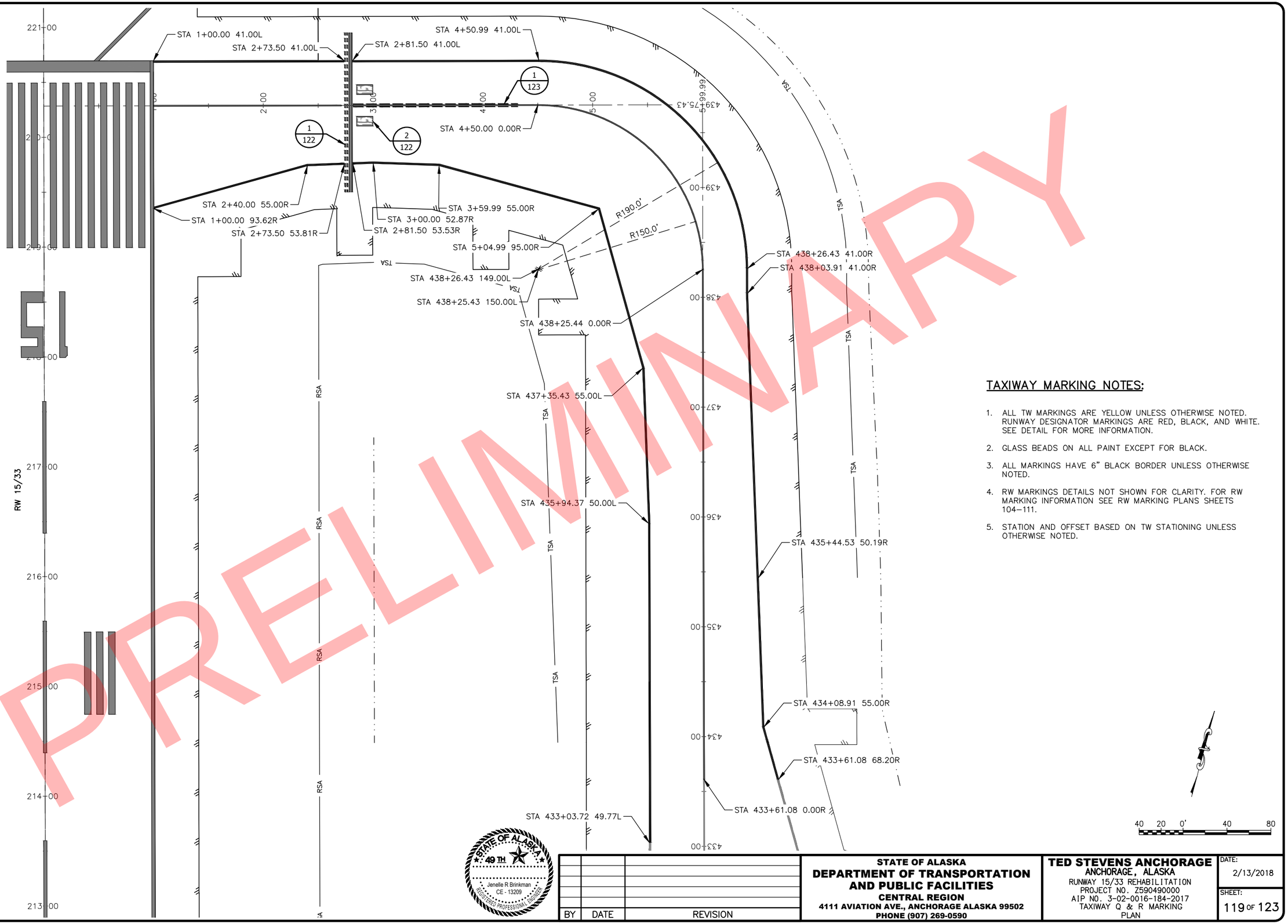
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY S MARKING PLAN

DATE: 2/13/2018

SHEET: 118 OF 123



PRELIMINARY

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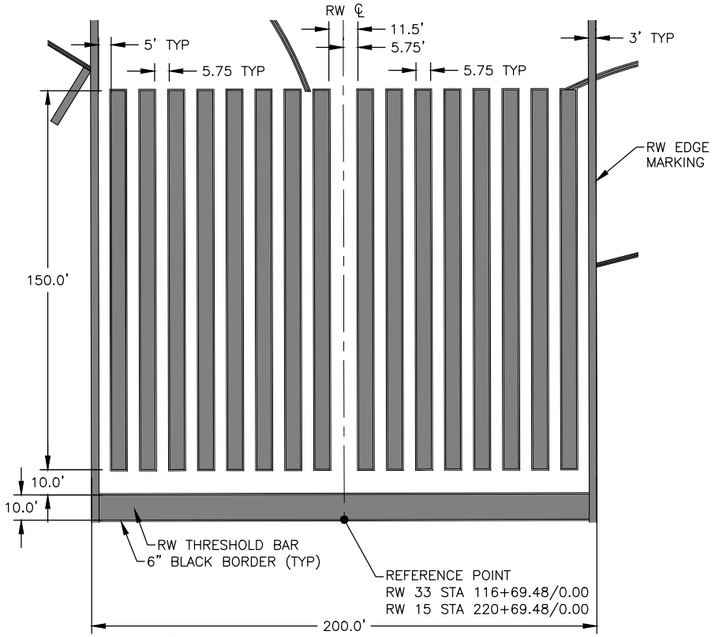
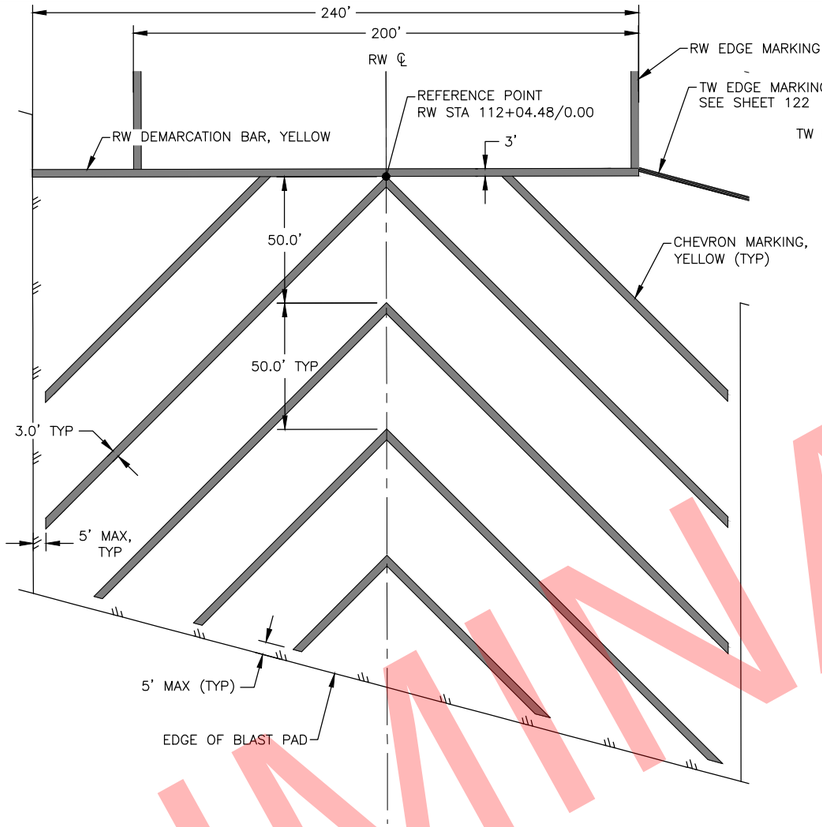
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
TAXIWAY Q & R MARKING PLAN

DATE: 2/13/2018
SHEET: 119 OF 123

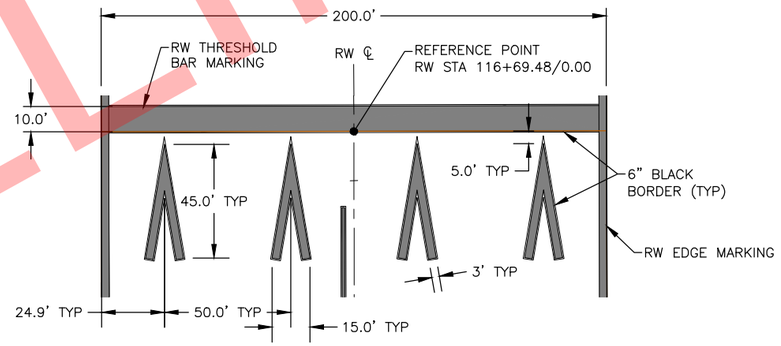
Designed By:	TC/MR/AD
Drawn By:	RKB
Checked By:	JRB
Date Revised:	2/13/2018, 7:46 PM
Layout Name:	Q
File Path and Name:	W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA – TW Marking.dwg



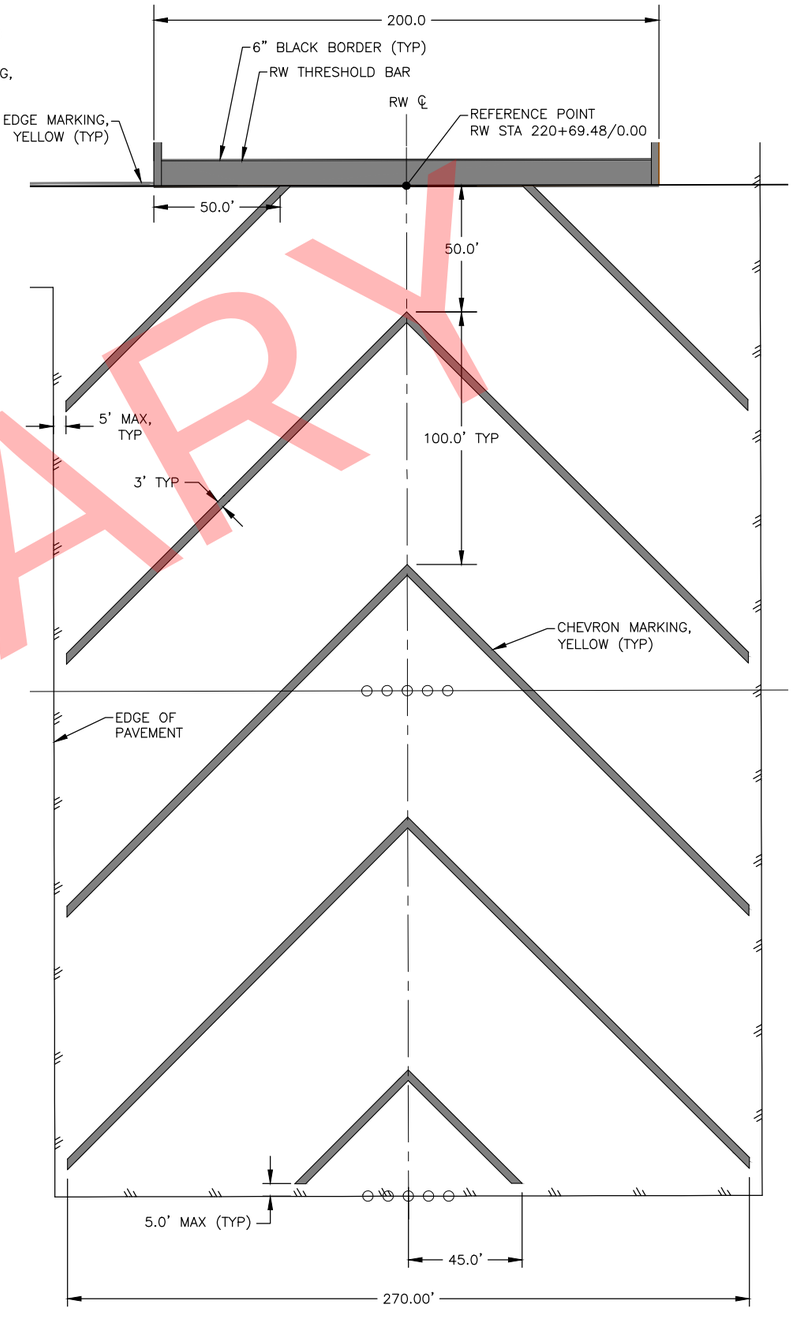
1/120 TYPICAL THRESHOLD MARKINGS



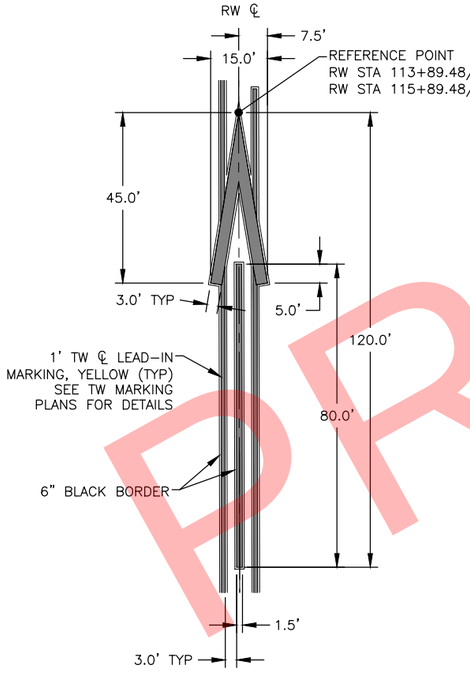
3/120 RW 33 END BLAST PAD MARKING DETAIL



4/120 RW 33 DISPLACED THRESHOLD MARKINGS



5/120 RW 15 END BLAST PAD MARKING DETAIL



2/120 DISPLACED THRESHOLD ARROW MARKING

NOTES:

1. ALL MARKINGS ARE WHITE UNLESS OTHERWISE INDICATED.
2. GLASS BEADS ON ALL PAINT EXCEPT FOR BLACK.
3. ALL YELLOW AND WHITE PAINT HAS A BLACK BORDER EXCEPT RW AND TW EDGE MARKING.
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STATE OF ALASKA 49TH — Jenelle R Brinkman CE - 13209 — REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

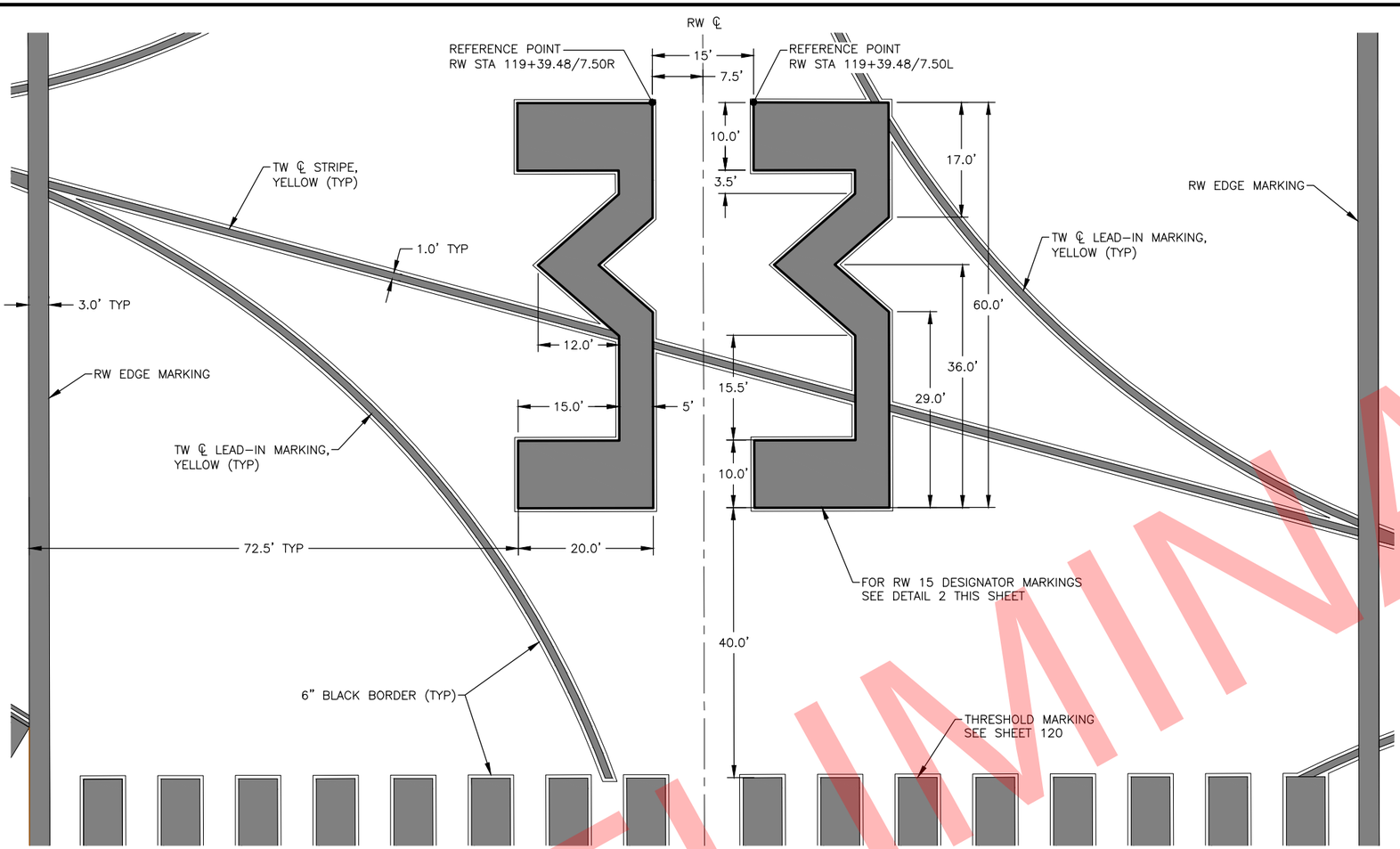
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
PAINT MARKING DETAILS

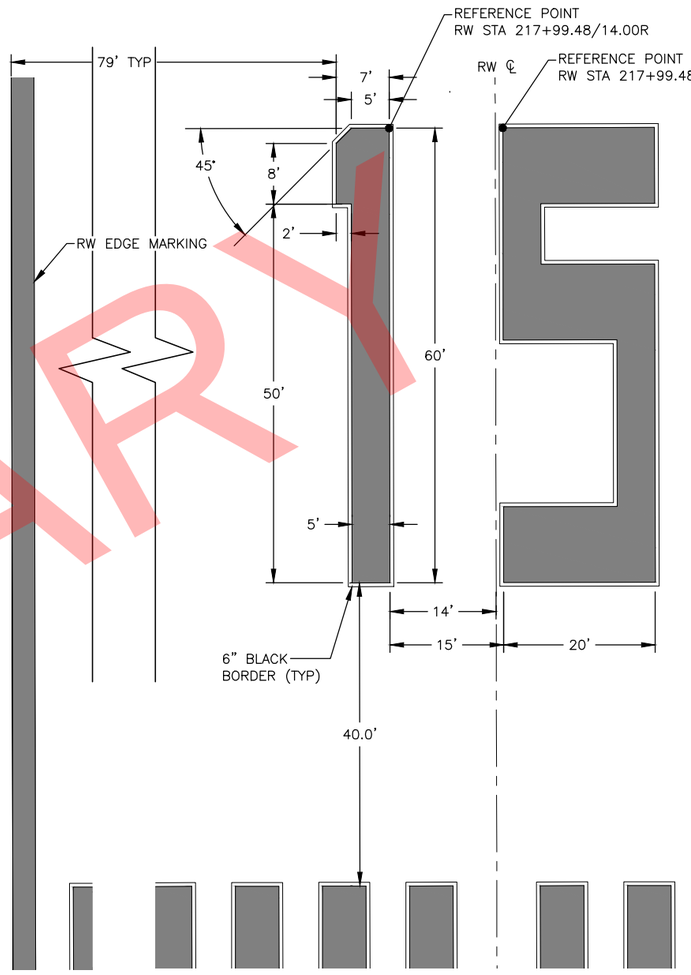
DATE: 2/13/2018
SHEET: 120 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: 96
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Marking Details.dwg 2/13/2018, 7:48 PM PJ 59049

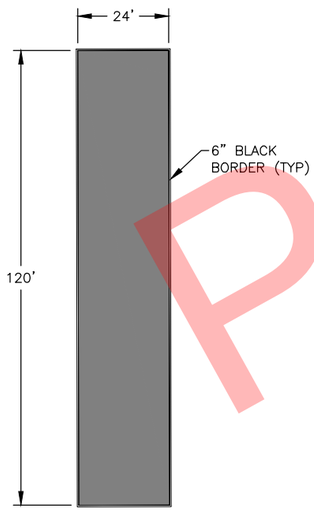
PRELIMINARY



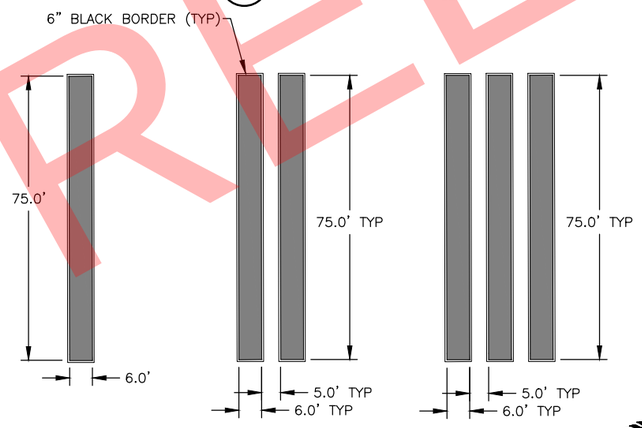
1 121 RW 33 DESIGNATOR MARKINGS
121



2 121 RW 15 DESIGNATOR MARKINGS



3 121 AIMING POINT MARKING



4 121 TOUCHDOWN ZONE STRIPING

NOTES:

1. ALL MARKINGS ARE WHITE UNLESS OTHERWISE INDICATED.
2. GLASS BEADS ON ALL PAINT EXCEPT FOR BLACK.
3. ALL YELLOW AND WHITE PAINT HAS A BLACK BORDER EXCEPT RW AND TW EDGE MARKING.
4. ALL BORDERS ARE 6" BLACK UNLESS OTHERWISE MARKED.

PRELIMINARY

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
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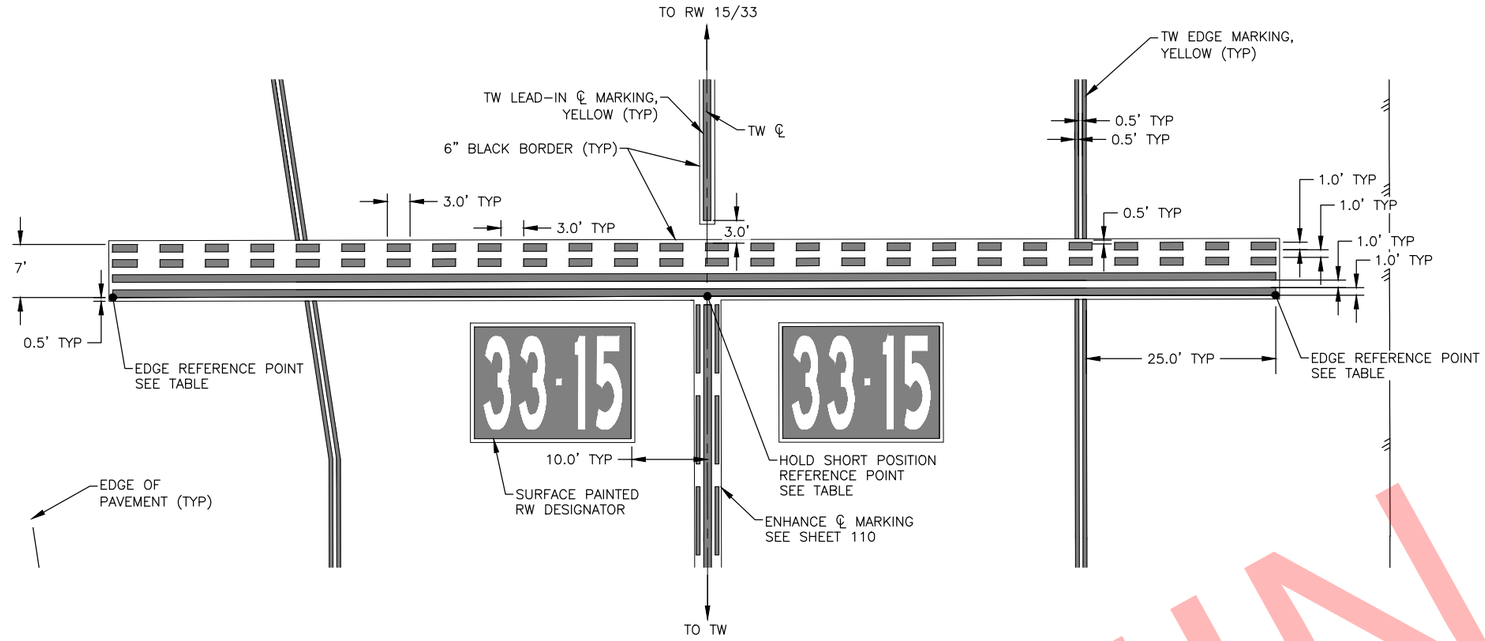
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
PAINT MARKING DETAILS

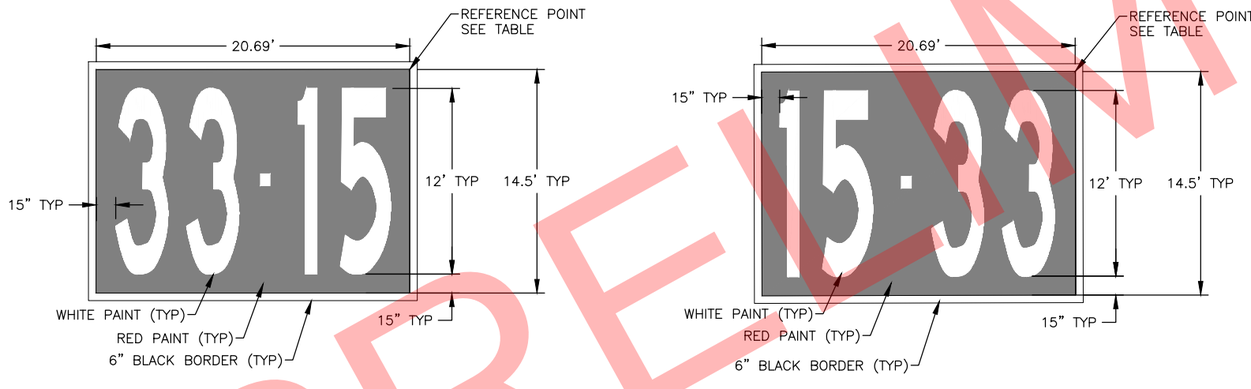
DATE: 2/13/2018
SHEET: 121 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 7:48 PM
Layout Name: 97
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Marking Details.dwg



1/122 TYPICAL HOLD SHORT POSITION MARKING DETAIL

HOLD SHORT POSITION MARKER REFERENCE POINT TABLE				
TW	REFERENCE POINT RW STA/OFFSET	REFERENCE POINT TW STA/OFFSET	EDGE REFERENCE POINT TW STA/OFFSET	
K EAST	112+06.48/281.00R	1128+15.79/℄	1128+15.79/75.00L	1128+15.79/81.36R
K WEST	113+57.15/281.00L	1122+33.95/℄	1122+33.95/78.34L	1122+33.95/87.72R
L EAST	118+26.33/281.00R	2+90.91/℄	2+90.91/75.00L	2+90.91/78.49R
L WEST	119+76.92/281.00L	12+35.51/℄	12+35.51/78.65L	12+35.51/90.21R
W	129+84.37/281.00L	14+54.95/℄	16+00.40/83.97L	13+62.26/53.51R
M	137+68.99/329.74R	6+59.49/℄	6+59.49/93.92L	6+59.49/99.09R
U EAST	170+22.05/281.00R	2+81.00/℄	2+81.00/78.81L	2+81.00/78.81R
U WEST	170+22.05/281.00L	12+27.51/℄	12+27.51/87.03L	12+27.51/87.04R
T EAST	186+62.60/281.00R	2+81.00/℄	2+81.00/78.81L	2+81.00/78.81R
T WEST	186.62.59/281.00L	12+27.52/℄	12+27.52/87.03L	12+27.52/87.03R
S EAST	203+09.87/281.00R	2+81.00/℄	2+81.00/78.83L	2+81.00/78.83R
S WEST	203+09.87/281.00L	12+27.53/℄	12+27.53/79.09L	12+27.53/87.03R
Q	220+28.48/281.00R	2+81.00/℄	2+81.00/66.00L	2+81.00/78.81R



2/122 SURFACE PAINTED RW DESIGNATORS

SURFACE PAINTED RW DESIGNATORS REFERENCE POINT TABLE			SURFACE PAINTED RW DESIGNATORS REFERENCE POINT TABLE		
RW DESIGNATOR	TW	TW STA/OFFSET	RW DESIGNATOR	TW	TW STA/OFFSET
33	K EAST	1128+19.79/20.73L	15–33	TW L WEST	12+31.51/30.69R
		1128+19.79/10.00R			12+31.51/10.00L
	K WEST	1122+29.95/20.86R		TW W	15+02.01/31.79L
		1122+29.95/10.00L			14+60.83/8.01L
33–15	TW L EAST	2+94.91/30.59L			13+95.02/29.98R
		2+94.91/10.00R		TW U WEST	12+23.51/10.00L
	TW M	6+63.49/10.00R			12+23.51/30.69R
		6+63.49/35.20L		TW T WEST	12+23.52/30.69R
	TW U EAST	2+85.00/10.00R			12+23.52/10.00L
		2+85.00/30.69L		TW S WEST	12+23.53/10.00L
	TW T EAST	2+85.00/30.69L			12+23.53/30.69R
		2+85.00/10.00R	15	TW Q	2+85.00/18.77L
	TW S EAST	2+85.00/30.69L			2+85.00/10.00R
		2+85.00/10.00R			

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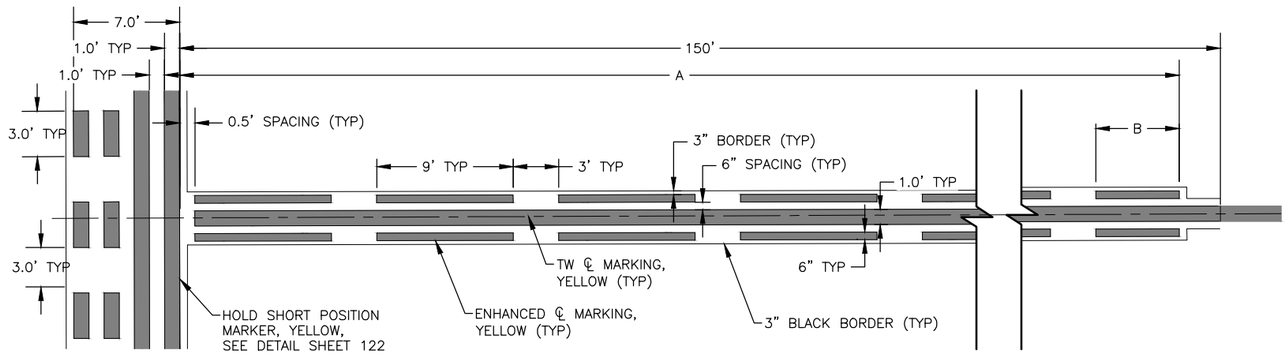
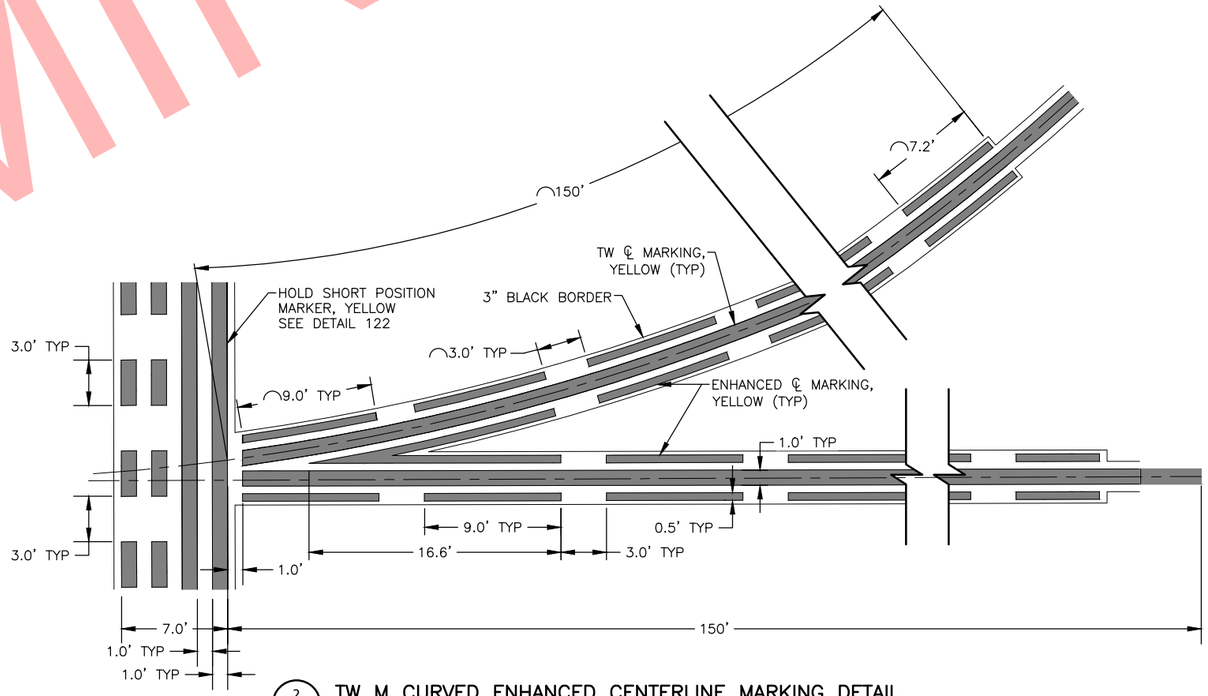
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
PAINT MARKING DETAILS

DATE: 2/13/2018
SHEET: 122 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: 98
File Path and Name: W:\Projects\Alk Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Marking Details.dwg



1/123 TYPICAL ENHANCED CENTERLINE MARKING DETAIL



2/123 TW M CURVED ENHANCED CENTERLINE MARKING DETAIL

PRELIMINARY

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
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PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
PAINT MARKING DETAILS

DATE: 2/13/2018
SHEET: 123 OF 123

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: 98 (2)
File Path and Name: W:\Projects\Ak Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Marking Details.dwg
2/13/2018, 7:48 PM

DEMOLITION NOTES:

1. REMOVE LIGHTS AND SIGNS 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, SIGNS, TRANSFORMERS, AND CONTROLLERS IN SERVICEABLE CONDITION 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.

2. REMOVE ALL UNUSED AND DECOMMISSIONED CONDUCTORS FROM DUCT BANKS UNLESS OTHERWISE INDICATED. THIS WORK SHALL BE SUBSIDIARY TO L-108 AND NO SEPARATE PAYMENT WILL BE MADE.

3. WHEN REMOVING CONDUCTORS FROM EXISTING CONDUIT TO REMAIN, INSTALL A PULL ROPE FOR FUTURE USE PER L-108.

4. REMOVAL OF EXISTING LIGHTED SIGNS IS SUBSIDIARY TO ITEM L-100n.

5. COORDINATE REMOVAL OF FAA NAVAID SYSTEMS WITH FAA THROUGH THE ENGINEER.

LIGHTING NOTES:

1. COORDINATE ALL LIGHTING OUTAGES CAUSED BY DISCONNECTIONS, CIRCUIT CHANGES, OR OTHER WORK WITH THE PROJECT ENGINEER PER GCP 50 AND GCP 80. SCHEDULE INSTALLATION OF CONDUCTORS AND OTHER EQUIPMENT TO MINIMIZE QUANTITY AND DURATION OF OUTAGES.

2. LIGHTING CIRCUITS ON OPERATIONAL AREAS THAT HAVE BEEN LOCKED OUT FOR CONSTRUCTION SHALL BE RETURNED TO ATCT CONTROL NO LATER THAN TWO HOURS BEFORE SUNSET AS POSTED BY THE UNITED STATES NAVAL OBSERVATORY.

3. REGULATORS R-2, R-7, T-2, T-3, T-13, T-14, T-18, T-21, T-22, T-23, T-27, T-29, T-30, AND T-34 ARE EXISTING TO REMAIN, FERRORESONANT ADB SWITCHGEAR REGULATORS. EXISTING 70KW REGULATOR R-7 WILL NOT BE REUSED, LABEL AS SPARE. INSTALL NEW 15KW, 5-STEP, 6.6A REGULATOR FOR CIRCUIT R-7 IN EXISTING SPARE REGULATOR LOCATION IN 15-33 SWITCHGEAR DURING PHASE 3 CONSTRUCTION. SEE DETAIL 2/E25. COORDINATE ALL WORK IN THE REGULATOR SWITCHGEAR WITH AIRPORT MAINTENANCE.

4. EXISTING DUCT BANKS AND UNDERGROUND LINES TO REMAIN SHALL BE PROTECTED AND REMAIN IN SERVICE DURING CONSTRUCTION UNLESS OTHERWISE INDICATED.

5. COMPLETE ALL EXCAVATION, TRENCHING, AND BACKFILL PRIOR TO THE TYPE V, CLASS S (STRUCTURAL SECTIONS) OR TYPE II, CLASS A (NON-STRUCTURAL SECTIONS) HOT MIX ASPHALT PAVEMENT BEING PLACED.

6. ALL AIRFIELD LIGHTING CONDUCTORS SHALL BE FAA TYPE C. RUNWAY (R-) CIRCUIT CONDUCTORS SHALL BE 6 AWG. TAXIWAY (T-) CIRCUIT CONDUCTORS SHALL BE 8 AWG. CONDUCTOR INSULATION SHALL BE COLOR-CODED BASED ON FUNCTION:

   EDGE LIGHTING, SEE DETAIL 1/E24
   POWER FEED: BLACK
   RETURN/LOOP: RED
   CENTERLINE LIGHTING, SEE DETAIL 2/E24
   POWER FEED, PRIMARY: BLACK
   POWER FEED, LOW-VIS SECONDARY: BLUE
   RETURN/LOOP, PRIMARY: RED
   RETURN/LOOP, LOW-VIS SECONDARY: YELLOW
   RUNWAY GUARD LIGHTING, SEE DETAIL 3/E24
   POWER FEED: BLACK
   RETURN/LOOP: RED

7. INSTALL A #6 BARE COPPER GROUNDING CONDUCTOR WITH ALL LIGHTING AND SIGN CIRCUIT CONDUCTORS.

8. STAKE, COORDINATE, AND VERIFY ALL MANHOLE AND FOUNDATION/EQUIPMENT LOCATIONS FOR THE FAA SYSTEMS WITH FAA THROUGH THE ENGINEER PRIOR TO INSTALLATION. ADJUST MANHOLE LOCATIONS AND CONDUIT ROUTING FROM THOSE INDICATED IN THE PLANS IF REQUIRED BASED ON FIELD CONDITIONS AND EXISTING UNDERGROUND CONDUITS.

9. ALL LIGHTING FIXTURES, TRANSFORMERS, LIGHT BASES, AND ASSOCIATED COMPONENTS WITH LONG LEAD TIMES REQUIRED FOR BOTH NTP#1 AND NTP#2 SHALL BE PURCHASED DURING THE 2018 CONSTRUCTION SEASON. STOCKPILED MATERIALS SHALL BE PAID FOR UNDER THE PROVISIONS OF GCP 80-02 AND 90-07.

SHEET NOTES: (X)

1. REMOVE CONDUCTORS TO EXISTING LIGHT TO REMAIN. REMOVE CONDUIT TO EXISTING LIGHT BASE OR AS FAR AS REQUIRED FOR EXCAVATION OF CURRENT PROJECT AND INSTALLATION OF NEW COUPLING TO NEW CONDUIT. PLUG AND PROTECT EXISTING CONDUIT OR LIGHT BASE CONDUIT HUB DURING EXCAVATION. SEE SHEET NOTE 2 FOR CONNECTION OF NEW WORK.

2. CONNECT NEW CONDUIT TO EXISTING CONDUIT OR LIGHT BASE. INSTALL NEW CONDUCTORS AND CONNECT TO EXISTING WIRING AND TRANSFORMER IN EXISTING LIGHT BASE. WORK IS SUBSIDIARY TO ITEM L-108a.

3. DRYWELL, SEE DETAIL 5/E21. PROVIDE DRAIN CONDUIT(S) FROM LIGHT BASES AS INDICATED. SLOPE CONDUITS TO DRAIN TO DRYWELL. LOCATION OF DRAIN CONDUIT(S) AND DRYWELL MAY BE FIELD ADJUSTED BY THE ENGINEER.

4. REMOVE EXISTING SURFACE SENSOR AND CONDUIT AND CABLE BACK TO HANDHOLE. PULL EXISTING CABLE BACK TO NEAREST MANHOLE OR HANDHOLE TO ALLOW REPLACEMENT OF HANDHOLE. PROTECT CABLE FOR REINSTALLATION.

5. APPROXIMATE LOCATION OF NEW SURFACE SENSOR. INSTALL 1" RIGID STEEL CONDUIT AND INTEGRAL SENSOR LEAD CABLE FROM SURFACE SENSOR TO HANDHOLE. INSTALL 1" CONDUIT IN CUT GROOVE IN ASPHALT BASE PRIOR TO PLACING SURFACE ASPHALT. SEE DETAIL 4/E21. REPULL EXISTING SENSOR EXTENSION CABLE TO HANDHOLE WHERE CABLE WAS PULLED BACK FOR HANDHOLE REPLACEMENT AND CONNECT TO NEW SENSOR LEAD CABLE. ALL LABOR AND MATERIAL ASSOCIATED WITH INSTALLATION OF SENSOR SYSTEM IS SUBSIDIARY TO ITEM L-130.

6. REMOVE CIRCUITS R-2 AND R-7 HOMERUNS FROM EMH-44 BACK TO REGULATOR SWITCHGEAR. INSTALL NEW HOMERUN PRIOR TO REMOVAL OF EXISTING HOMERUN TO MAINTAIN OPERATION OF ACTIVE LIGHTS, OR COORDINATE HOMERUN REPLACEMENT WITH ALLOWED FULL SHUTDOWN OF CIRCUIT.

SHEET NOTES (CONTINUED): (X)

7. REMOVE CIRCUIT T-29 HOMERUN FROM EMH-72 BACK TO REGULATOR SWITCHGEAR. INSTALL NEW HOMERUN PRIOR TO REMOVAL OF EXISTING HOMERUN TO MAINTAIN OPERATION OF ACTIVE LIGHTS, OR COORDINATE HOMERUN REPLACEMENT WITH ALLOWED FULL SHUTDOWN OF CIRCUIT.

8. UPON REMOVAL OF TAXIWAY EDGE LIGHT FIXTURES IN THIS AREA, STORE FIXTURES, BASEPLATES, AND TRANSFORMERS FOR REINSTALLATION.

9. REMOVE ABANDONED HANDHOLES AND CONDUIT IN THIS AREA WITHIN PROJECT LIMITS. REMOVAL IS SUBSIDIARY TO OTHER DEMOLITION WORK.

10. APPROXIMATELY 2900FT OF HOMERUN CONDUCTOR (SINGLE RUN DISTANCE) FROM EMH-7 TO REGULATOR SWITCHGEAR THROUGH EIGHT MANHOLES.

11. UPON REMOVAL OF RUNWAY GUARD LIGHT FIXTURES IN THIS HOLD BAR, STORE FIXTURES, BASEPLATES, AND TRANSFORMERS FOR REINSTALLATION.

12. REMOVE NAVAID, INCLUDING FOUNDATIONS, CONDUIT, AND CONDUCTORS BACK TO SOURCE. SEE NAVAID CONSTRUCTION RESPONSIBILITIES TABLE ON SHEET E2 FOR ADDITIONAL INFORMATION.

13. ODALS REMOVAL BEYOND STA 231+00 WILL BE PERFORMED BY FAA.

14. EXISTING 6-WAY DUCTBANK CAPPED AT THIS LOCATION. EXISTING DUCTBANK IS CONSTRUCTED WITH SDR-11 HDPE CONDUIT IN A 1x6 CONFIGURATION. CONNECT TO DUCTBANK USING MECHANICAL COUPLINGS PER SPECIFICATION L-110 AND EXTEND AS SHOWN.

15. DRYWELL, SEE DETAIL 5/E21 EXCEPT DRYWELL SHALL BE 48" DEEP X 48" IN DIAMETER MINIMUM. PROVIDE DRAIN CONDUIT FROM LIGHT BASES AND THRESHOLD BAR AS INDICATED. SLOPE CONDUITS TO DRAIN TO DRYWELL.

16. INSTALL TEMPORARY JUMPER TO MAINTAIN OPERATION OF CIRCUIT OUTSIDE PROJECT AREA DURING CONSTRUCTION.

17. TERMINATE/CONNECT CIRCUIT LOOP IN LAST REMAINING EXISTING LIGHT BASE TO MAINTAIN OPERATION OF CIRCUIT OUTSIDE PROJECT AREA DURING CONSTRUCTION. WORK IS SUBSIDIARY TO ITEM L-108s.

18. DISCONNECT RUNWAY GUARD LIGHT CIRCUIT FROM HOMERUN IN MANHOLE AND PROTECT FOR RECONNECTION.

19. RECONNECT EXISTING RUNWAY GUARD LIGHT CIRCUIT TO NEW HOMERUN IN MANHOLE.

20. UPGRADE INTERNAL ELECTRONICS OF RPU-1 AND RPU-2 IN EXISTING ENCLOSURES TO SUPPORT NEW SURFACE SENSORS. REPLACE AMBIENT TEMPERATURE/RELATIVE HUMIDITY SENSOR AT RPU-1 FOR COMPATIBILITY WITH NEW RPU ELECTRONICS. INSTALL YES/NO PRECIPITATION SENSOR AT RPU-2. RETERMINATE ALL EXISTING SENSORS AND TERMINATE ALL NEW SENSORS AT NEW RPU ELECTRONICS. ALL WORK IS SUBSIDIARY TO ITEM L-130.

21. REMOVE EXISTING MANHOLE LID AND INSTALL NEW CONCRETE MANHOLE LID AND HINGED COVER. NEW LID AND COVER SHALL BE IN ACCORDANCE WITH DETAIL 1/E23 AND THE MANHOLE ADJUSTMENT SCHEDULE ON SHEET E35. FIELD VERIFY EXISTING MANHOLE SIZE AND CONSTRUCTION, APPROXIMATE SIZES INDICATED ARE OUTSIDE DIMENSIONS. PROVIDE STAMPED ENGINEERED DRAWINGS OF PROPOSED MANHOLE LID AND INSTALLATION FOR REVIEW PRIOR TO FABRICATION. WORK IS PAID FOR UNDER ITEM L-110s.

22. INSTALL TEMPORARY JUMPER THROUGH EXISTING CONDUIT TO MAINTAIN OPERATION OF CIRCUIT OUTSIDE PROJECT AREA DURING CONSTRUCTION.

23. CONNECT NEW T-21 HOMERUN FROM EMH-10 TO EXISTING T-21 HOMERUN IN EMH-9.

24. PROVIDE DRAIN CONDUIT(S) FROM LIGHT BASES TO EXISTING STORM DRAIN STRUCTURE AS INDICATED. SLOPE CONDUITS TO DRAIN TO STORM DRAIN. LOCATION OF DRAIN CONDUIT(S) AND DRYWELL MAY BE FIELD ADJUSTED BY THE ENGINEER. CORE DRILL STORM DRAIN STRUCTURE FOR CONDUIT ENTRY AND GROUT WATERTIGHT. TERMINATE CONDUIT WITH RUBBER BLACKFLOW PREVENTER INSIDE STRUCTURE.

25. UPON REMOVAL OF RUNWAY CENTERLINE LIGHTS IN THIS AREA, STORE FIXTURES AND TRANSFORMERS FOR REINSTALLATION.

26. FOR RUNWAY CENTERLINE LIGHTS IN THIS AREA,
PHASE 1/2: REINSTALL EXISTING FIXTURE AND TRANSFORMER ON NEW LIGHT BASE WITH NEW CONDUCTORS. WORK IS PAID FOR UNDER ITEM L-100i(1).
PHASE 3: REMOVE EXISTING FIXTURE AND TRANSFORMER AND INSTALL NEW PER SCHEDULE ON EXISTING LIGHT BASE ASSEMBLY. WORK IS PAID FOR UNDER ITEM L-100i(2).

27. FOR L-862 RUNWAY EDGE LIGHTS IN THIS AREA,
PHASE 1/2: INSTALL NEW EQUIPMENT PER SCHEDULE. INSTALL 120-WATT LAMP IN LIEU OF 150-WATT LAMP INDICATED.
PHASE 3: REMOVE 120-WATT LAMP AND INSTALL 150-WATT LAMP AS SCHEDULED.

28. STAKE CENTER POINT OF CURVE FOR EDGE OR CENTERLINE LIGHTS.

29. LIMITS OF TRENCH THROUGH STRUCTURAL SECTION FOR DEMOLITION OF EXISTING LIGHTING IN AREA OF MILLING AND PAVING ONLY, SEE DETAIL 2/17. TRENCH WIDTH NOT SHOWN TO SCALE, SHOWN WIDER FOR CLARITY.

30. REPLACE NORTH FACE OF DISTANCE REMAINING SIGN WITH BLANK PANEL DURING PHASE 1 AND 2 CONSTRUCTION. STORE EXISTING PANEL FOR REINSTALLATION AT COMPLETION OF PHASE 2 CONSTRUCTION. WORK IS SUBSIDIARY TO ITEM L-100r.

31. NOT USED.

32. EXISTING DUCT BANK/UTILITY CROSSING ANTICIPATED TO BE EXPOSED FOR APPROXIMATELY 30FT AT EACH RUNWAY EDGE BY EXCAVATION REQUIRED FOR RUNWAY WIDENING. IF CONCRETE ENCASEMENT DOES NOT MEET SPECIFICATION SECTION L-110-3.2, PROVIDE NEW ENCASEMENT AS REQUIRED. EXCAVATION UNDER EXISTING DUCT BANKS OR CONDUITS SHALL BE BACKFILLED WITH CONCRETE. PROVIDE CONCRETE UNDER ITEM P-610a. SEE DETAIL 1/E25.

33. REMOVE FIXTURE, FLANGE RING, SPACER RINGS, AND TOP SECTION AND STORE FOR REINSTALLATION. BOTTOM SECTION, CONDUIT, AND TRANSFORMER TO REMAIN. INSTALL PLYWOOD COVER AND MUDPLATE ON BOTTOM SECTION TO ALLOW ASPHALT WORK IN TRANSITION AREA. WORK IS PAID FOR UNDER ITEM L-100i(1).

ELECTRICAL PLAN LEGEND

EXISTING TO REMAIN	DEMOLITION (DEMO PLANS)	NEW WORK (NEW PLANS)	
			EXISTING LIGHT
			RUNWAY EDGE LIGHT, OMNI-DIRECTIONAL
			RUNWAY EDGE LIGHT, BI-DIRECTIONAL
			RUNWAY THRESHOLD LIGHT, BI-DIRECTIONAL
			FLUSH RUNWAY EDGE LIGHT, BI-DIRECTIONAL
			TAXIWAY EDGE LIGHT, OMNI-DIRECTIONAL
			FLUSH TAXIWAY EDGE LIGHT, OMNI-DIRECTIONAL
			FLUSH CENTERLINE LIGHT, UNI- OR BI-DIRECTIONAL
			FLUSH CENTERLINE LIGHT, OMNI-DIRECTIONAL
			FLUSH RUNWAY GUARD LIGHT, UNI-DIRECTIONAL
			ELEVATED RUNWAY GUARD LIGHT
			LIGHTED AIRPORT SIGN
			SERIES LIGHTING CIRCUIT, TICK MARKS INDICATE NUMBER OF 5KV SERIES CONDUCTORS IN HDPE CONDUIT (2 SHOWN), INCLUDE GROUND CONDUCTOR (NOT SHOWN), TICK MARKS NOT SHOWN ON SHORT SEGMENTS OR IN CONGESTED AREAS FOR CLARITY
			SERIES LIGHTING CIRCUIT, TICK MARKS INDICATE NUMBER OF 5KV SERIES CONDUCTORS IN CONCRETE ENCASED HDPE CONDUIT (2 SHOWN), INCLUDE GROUND CONDUCTOR (NOT SHOWN), TICK MARKS NOT SHOWN ON SHORT SEGMENTS OR IN CONGESTED AREAS FOR CLARITY
			EXISTING CONDUIT
			GROUND ROD, 3/4"x10' TYPICAL
			NEW HANDHOLE (HH), TYPE I (LIGHT BASE WITH BLANK COVER)
			SURFACE SENSOR
			DRYWELL
			ELECTRICAL MANHOLE
			COMMUNICATIONS MANHOLE
			ELECTRICAL TYPE II JUNCTION BOX
			COMMUNICATIONS TYPE II JUNCTION BOX
			DUCT BANK, USE/TYPE AS SHOWN
--UGE-	--UGE-	--UGE-	PRIMARY UNDERGROUND ELECTRICAL LINE
--UGC-	--UGC-	--UGC-	UNDERGROUND COMMUNICATIONS LINE
			WIND CONE
			TEMPORARY JUMPER
			MALSF SYSTEM LIGHT BAR
			MALSF SYSTEM THRESHOLD LIGHT
			REIL
			ODALS
			PAPI

UON	UNLESS OTHERWISE NOTED
EMT	ELECTRICAL METALLIC TUBING
RMC	RIGID METALLIC CONDUIT (GALVANIZED STEEL)
HDPE	HIGH DENSITY POLYETHYLENE
PVC	POLYVINYL CHLORIDE
LFMC	LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT
LFNC	LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT
C	CONDUIT
BC	BARE COPPER
TYP	TYPICAL
GRD	GROUND
TP	TEST POINT
RPU	REMOTE PROCESSING UNIT
PAPI	PRECISION APPROACH PATH INDICATOR
LHA	LIGHT HOUSING ASSEMBLY
RVR	RUNWAY VISUAL RANGE
VASI	VISUAL APPROACH SLOPE INDICATOR
MALSF	MEDIUM INTENSITY APPROACH LIGHTING SYSTEM WITH SEQUENCED FLASHERS
REIL	RUNWAY END IDENTIFER LIGHT
CEA	CHUGACH ELECTRIC ASSOCIATION
ALCS	AIRFIELD LIGHTING CONTROL AND MONITORING SYSTEM
HMA	HOT MIX ASPHALT
BOP	BEGINNING OF PROJECT
EOP	END OF PROJECT
T-1(2)	TAXIWAY CIRCUIT NUMBER, NUMBER IN PARENTHESIS INDICATES NUMBER OF #8 5 KV CONDUCTORS, NO PARENTHESIS INDICATES ONE CONDUCTOR
R-1(2)	RUNWAY CIRCUIT NUMBER, NUMBER IN PARENTHESIS INDICATES NUMBER OF #6 5KV CONDUCTORS, NO PARENTHESIS INDICATES ONE CONDUCTOR

EQUIPMENT NUMBER, SEE SCHEDULES ON SHEETS E31-E41
- TX TAXIWAY CENTERLINE LIGHT
- CX RUNWAY CENTERLINE LIGHT
- DX DEMOLITION ITEM
- EX TAXIWAY EDGE LIGHT
- RX RUNWAY EDGE LIGHT
- HX RUNWAY GUARD LIGHT
- JBX JUNCTION BOX
- HHX HANDHOLE
- MHX MANHOLE
- SX LIGHTED SIGN

(X) REFERENCE TO SHEET NOTE

LIGHT COLORS AND DISTRIBUTIONS
- B BLUE
- Y YELLOW
- G GREEN
- R RED
- W WHITE
- O OBSCURED
- BI BI-DIRECTIONAL
- UNI UNI-DIRECTIONAL
- OMNI OMNI-DIRECTIONAL

PRELIMINARY

Designed By:	LPS	
Drawn By:	JCA	
Checked By:	GRH	
Date Revised:	2/05/2018, 6:11 PM	
Layout Name:	Layout1	
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STATE OF ALASKA 49 TH
LUCAS SCHNELLER EE-11399 REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

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TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
ELECTRICAL LEGEND AND SHEET NOTES

DATE: 2/5/2018

SHEET: E1 OF 41

NAVAID CONSTRUCTION RESPONSIBILITIES

SYSTEM	FAA	CONTRACTOR	PLAN SHEETS	PROJECT PHASE
PAPI RW 15	– PROVIDE NOTAMS FOR OUTAGES – REMOVE SYSTEM FROM SERVICE AND LOCK OUT POWER – REMOVE SALVAGABLE SYSTEM EQUIPMENT – DESIGN AND INSTALL COMPLETE SYSTEM, INCLUDING CONDUITS NOT INSTALLED BY CONTRACTOR, FOUNDATIONS, LHAS, AND ALL CONDUCTORS – COMPLETE SYSTEM STARTUP, INCLUDING TESTING, AIMING, FLIGHT CHECK, AND CERTIFICATION	– REMOVE AND DISPOSE OF REMAINING SYSTEM COMPONENTS AFTER FAA SALVAGE OPERATIONS, INCLUDING FOUNDATIONS, CONDUCTORS, CONDUITS, AND JUNCTION BOXES – NO CONTRACTOR INVOLVEMENT FOR INSTALLATION OF NEW SYSTEM	E9 – DEMO E17 – NEW	3
ODALS RW 15	– PROVIDE NOTAMS FOR OUTAGES – REMOVE SYSTEM FROM SERVICE AND LOCK OUT POWER – REMOVE SALVAGABLE SYSTEM EQUIPMENT	– REMOVE AND DISPOSE OF REMAINING SYSTEM COMPONENTS AFTER FAA SALVAGE OPERATIONS, INCLUDING FOUNDATIONS, CONDUCTORS, CONDUITS, AND JUNCTION BOXES EXCEPT AS OTHERWISE INDICATED ON PLAN	E10 – DEMO	3
MALSF RW 15	– PROVIDE NOTAMS FOR OUTAGES – REMOVE SYSTEM FROM SERVICE AND LOCK OUT POWER – REMOVE SALVAGABLE SYSTEM EQUIPMENT – DESIGN AND INSTALL COMPLETE SYSTEM, INCLUDING CONDUITS AND FOUNDATIONS NOT INSTALLED BY CONTRACTOR, LIGHT BARS, LIGHT FIXTURES AND LAMPHOLDERS ON CONTRACTOR–INSTALLED LIGHT BASES, AND ALL CONDUCTORS – COMPLETE SYSTEM STARTUP, INCLUDING TESTING, AIMING, FLIGHT CHECK, AND CERTIFICATION	– INSTALL MANHOLES AND EMPTY UNDERGROUND POWER AND CONTROL CONDUITS AS SHOWN ON THE DRAWINGS – INSTALL CONCRETE THRESHOLD BAR IN COORDINATION WITH BLAST PAD CONSTRUCTION AND PAVING, INCLUDING ASSOCIATED LIGHT BASES, EMPTY CONDUITS, AND DRYWELLS – INSTALL 200FT CONCRETE LIGHT BAR IN COORDINATION WITH BLAST PAD AND PAVING, INCLUDING ASSOCIATED LIGHT BASE AND EMPTY CONDUITS – INSTALL 400FT, 600FT, 800FT, AND 1000FT (3) LIGHT BAR FOUNDATIONS, INCLUDING ASSOCIATED GROUND RODS AND EMPTY CONDUIT TO MANHOLES	E18 – NEW E26–28 – DTLS	3
PAPI RW 33	– PROVIDE NOTAMS FOR OUTAGES – REMOVE SYSTEM FROM SERVICE AND LOCK OUT POWER – REMOVE SALVAGABLE SYSTEM EQUIPMENT – DESIGN AND INSTALL COMPLETE SYSTEM, INCLUDING CONDUITS NOT INSTALLED BY CONTRACTOR, FOUNDATIONS, LHAS, AND ALL CONDUCTORS – COMPLETE SYSTEM STARTUP, INCLUDING TESTING, AIMING, FLIGHT CHECK, AND CERTIFICATION	– REMOVE AND DISPOSE OF REMAINING SYSTEM COMPONENTS AFTER FAA SALVAGE OPERATIONS, INCLUDING FOUNDATIONS, CONDUCTORS, CONDUITS, AND JUNCTION BOXES – INSTALL MANHOLES AND EMPTY UNDERGROUND POWER AND CONTROL CONDUITS AS SHOWN ON THE DRAWINGS	E4 – DEMO E12 – NEW	1
REIL RW 33	– PROVIDE NOTAMS FOR OUTAGES – REMOVE SYSTEM FROM SERVICE AND LOCK OUT POWER – REMOVE SALVAGABLE SYSTEM EQUIPMENT – DESIGN AND INSTALL COMPLETE SYSTEM, INCLUDING CONDUITS NOT INSTALLED BY CONTRACTOR, FOUNDATIONS, FLASHERS, AND ALL CONDUCTORS – COMPLETE SYSTEM STARTUP, INCLUDING TESTING, AIMING, FLIGHT CHECK, AND CERTIFICATION	– REMOVE AND DISPOSE OF REMAINING SYSTEM COMPONENTS AFTER FAA SALVAGE OPERATIONS, INCLUDING FOUNDATIONS, CONDUCTORS, CONDUITS, AND JUNCTION BOXES – INSTALL MANHOLES AND EMPTY UNDERGROUND POWER AND CONTROL CONDUITS AS SHOWN ON THE DRAWINGS – INSTALL CONCRETE FOUNDATIONS, INCLUDING ASSOCIATED GROUND RODS, GROUND RING, AND EMPTY CONDUIT TO MANHOLES – INSTALL AIMING TARGETS	E3 – DEMO E12 – NEW E23 – DTLS E29 – DTLS	1 – REMOVE FROM SERVICE 1 – NEW 2 – DEMO

NOTES:

1. THIS LIST IS INTENDED TO PORTRAY A GENERAL SUMMARY OF THE RESPONSIBILITIES OF THE PARTIES INVOLVED AND MAY NOT INCLUDE ALL SPECIFIC ASPECTS OF THE WORK REQUIRED.

FAA NOTIFICATIONS AND COORDINATION:

FAA SHALL BE NOTIFIED A MINIMUM OF 45 DAYS PRIOR TO THEIR REQUIRED ON–SITE INVOLVEMENT.
ALL COORDINATION SHALL BE ACCOMPLISHED THROUGH THE ENGINEER WITH THE FAA POINT OF CONTACT OR AS OTHERWISE DESIGNATED BY THE ENGINEER:

PATRICK MCDERMOTT
WSA NAV AIDS SYSTEMS ENGINEER
OFFICE: 425–227–1552
CELL: 425–757–6245

PRELIMINARY

STATE OF ALASKA 49 TH
LUCAS SCHNELLER
EE-11399
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

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TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
NAVAID CONSTRUCTION RESPONSIBILITIES TABLE

DATE: 2/5/2018

SHEET: E2 OF 41

Designed By: LPS
Drawn By: JCA
Checked By: GRH

Date Revised: 2/05/2018, 6:11 PM
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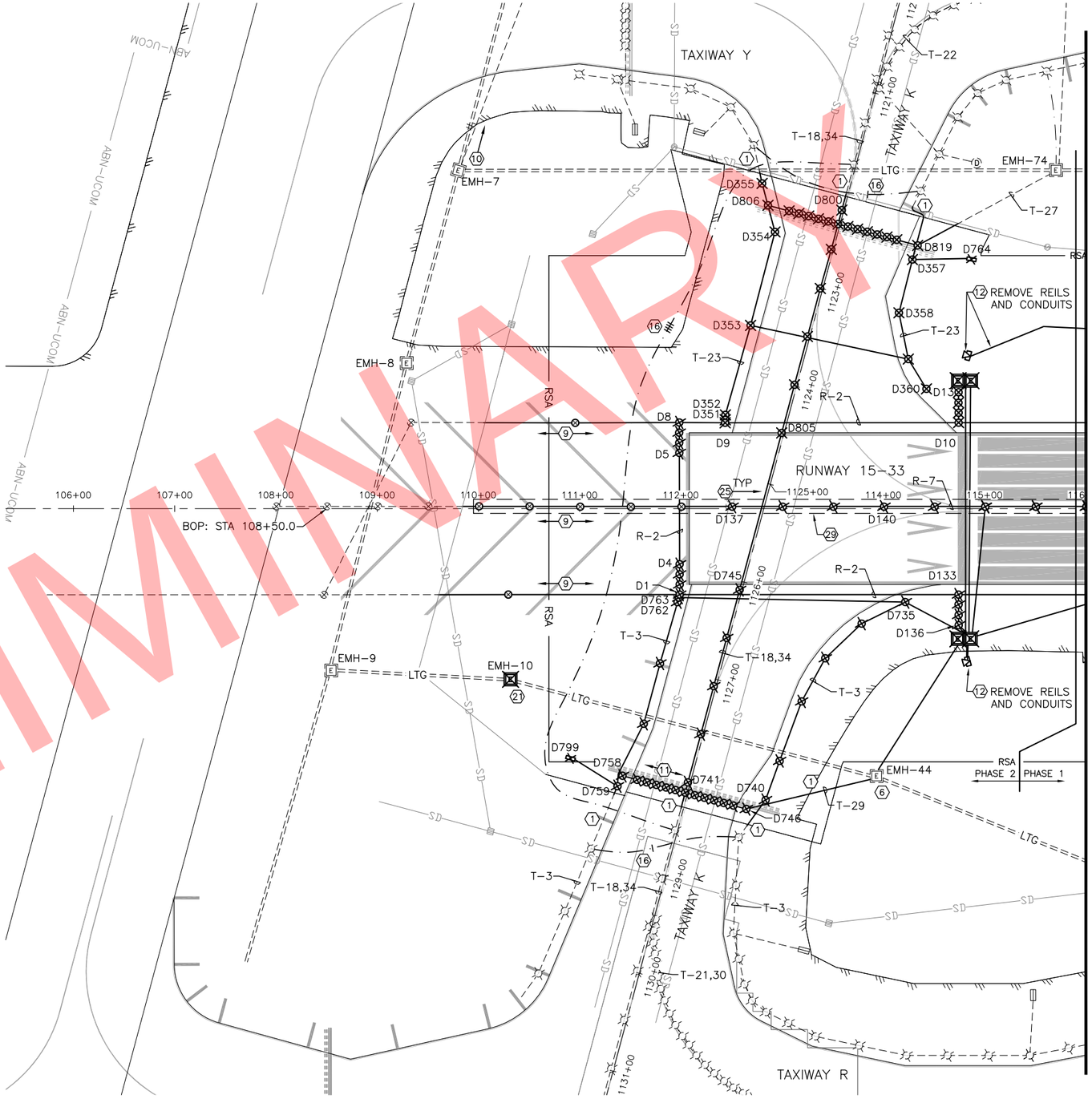

MATCH LINE STA. 116+00, SEE SHEET E4

PRELIMINARY

0 30 60 120 180 240
SCALE IN FEET

STATE OF ALASKA
49 TH
LUCAS SCHNELLER
EE-11399
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

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CENTRAL REGION
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ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
ELECTRICAL DEMOLITION PLAN
STA 108+00 TO 116+00

DATE: 2/5/2018
SHEET: E3 OF 41

Designed By:	LPS
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PRELIMINARY

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Date Revised:	2/05/2018, 6:13 PM
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MATCH LINE STA. 116+00, SEE SHEET E3

MATCH LINE STA. 129+00, SEE SHEET E5

TAXIWAY Y

TAXIWAY L

TAXIWAY W

TAXIWAY R

RUNWAY 15-33

LTG

FAA

RSA

SD

EMH-75

EMH-76

EMH-45

EMH-46

EMH-47

EMH-48

REMOVE REIL CONDUITS AND JUNCTION BOXES, TYP

REMOVE PAPI SYSTEM AND CONDUITS

RPU-2

D14 D15 D16 D19

D126 D130 D132 D145 D155 D160 D165 D168

D361 D362 D363 D366 D367 D369 D370 D375 D376 D709 D708 D733 D734 D798 D730 D797 D728 D726 D727 D716 D715 D714 D796 D765 D766 D767

T-13 T-22 T-23 T-29 T-2

R-2 R-7

TYP

SCALE IN FEET

0 30 60 120 180 240

STATE OF ALASKA 49 TH LUCAS SCHNELLER EE-11399 REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
ELECTRICAL DEMOLITION PLAN
STA 116+00 TO 129+00

DATE: 2/5/2018

SHEET: E4 OF 41

PRELIMINARY

MATCH LINE STA. 129+00, SEE SHEET E4

MATCH LINE STA. 147+00, SEE SHEET E6

TAXIWAY Y

TAXIWAY W

TAXIWAY M

TAXIWAY R

RUNWAY 15-33

ROLLOUT RVR

T-22

T-23

T-13

T-29

EMH-77

EMH-78

EMH-79

EMH-80

EMH-51

EMH-50

EMH-49

EMH-52

EMH-53

EMH-54

LTG/FAA

LTG

FAA

RSA

TSA

SD

UCOM

ABN-UCOM

SS

F

PHASE 1 PHASE 3

D20 D25 D27 D29

D125 D120 D116

D170 D175 D180 D185 D190 D195 D200 D205

D380 D383 D384 D390 D395 D400 D405 D410 D415

D377 D378

D416 D420 D422 D423 D424 D425

D768 D769

D820

D705 D706 D707 D795 D794 D698 D699 D647 D690 D650 D655 D640 D660 D665 D637 D636 D792

D684 D646 D793

130+00 131+00 132+00 133+00 134+00 135+00 136+00 137+00 138+00 142+00 146+00 147

14+00 18+00 19+00 20+00 0+00 1+00 2+00 4+00 5+00 6+00 8+00 9+00 10+00 11+00

R-2 R-7

0 30 60 120 180 240

SCALE IN FEET

STATE OF ALASKA
49 TH
LUCAS SCHNELLER
EE-11399
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
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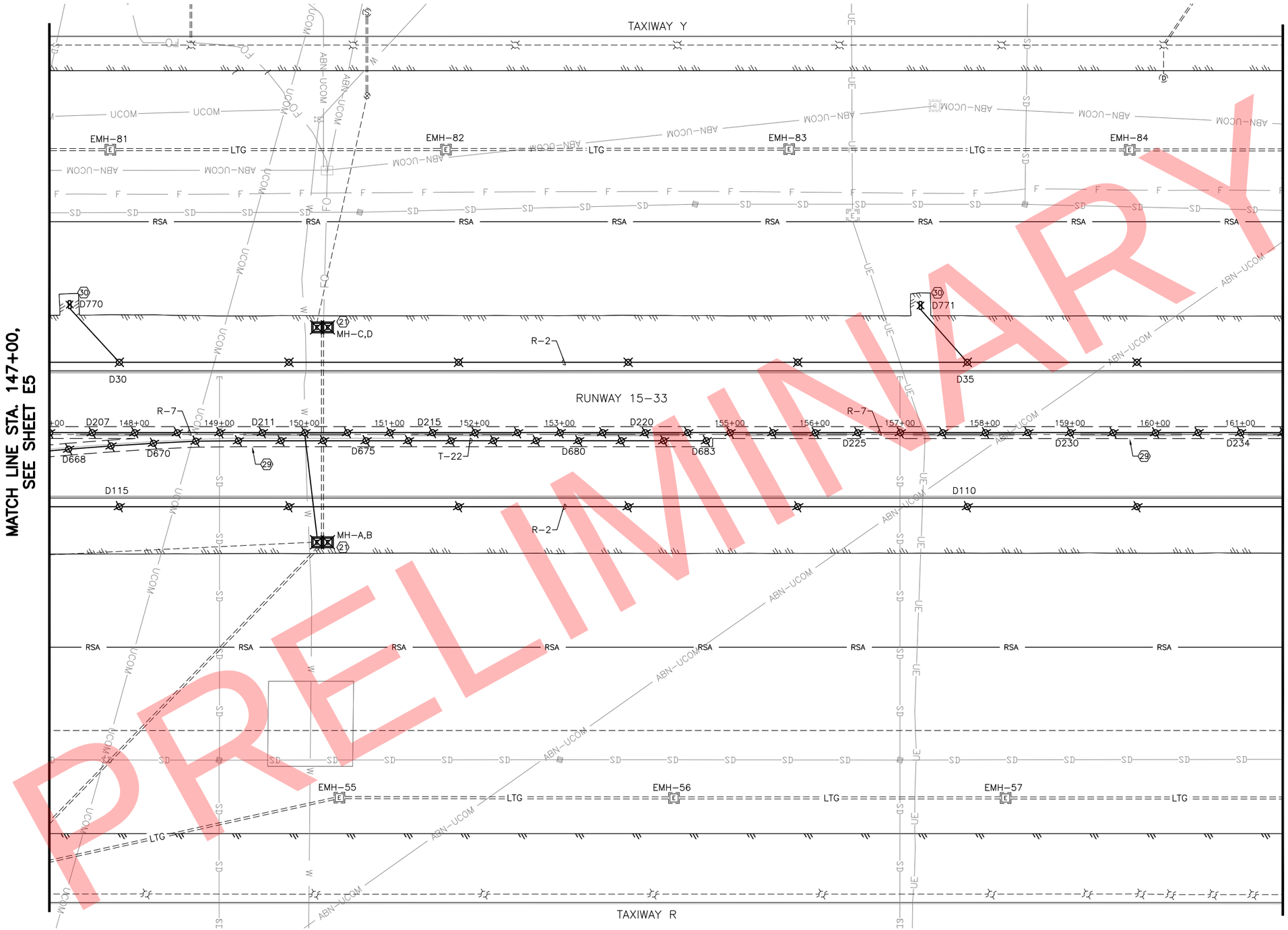
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
ELECTRICAL DEMOLITION PLAN
STA 129+00 TO 147+00

DATE: 2/5/2018

SHEET: E5 OF 41

Designed By: LPS
Drawn By: JCA
Checked By: GRH

Date Revised: 2/05/2018, 6:13 PM
Layout Name: c
File Path and Name: U:\2046067200\drawing\E\Sheets\2046067200-ANC-E03-E10_demolition.dwg



PRELIMINARY

Designed By:	LPS
Drawn By:	JCA
Checked By:	GRH
Date Revised:	2/05/2018, 6:13 PM
Layout Name:	d
File Path and Name:	U:\2046067200\drawing\E\Sheets\2046067200-ANC-E03-E10_demolition.dwg

STATE OF ALASKA 49TH
LUCAS SCHNELLER
EE-11399
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

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ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
ELECTRICAL DEMOLITION PLAN
STA 147+00 TO 161+50

DATE: 2/5/2018
SHEET: E6 OF 41

MATCH LINE STA. 161+50, SEE SHEET E6

MATCH LINE STA. 180+00, SEE SHEET E8

TAXIWAY Y

TAXIWAY U

RUNWAY 15-33

TAXIWAY R

EMH-85 EMH-86 EMH-87 EMH-88 EMH-89

EMH-58 EMH-59 EMH-60 EMH-61 EMH-62

MIDFIELD RVR

LTG FAA RSA SD ABN-UCOM

D40 D41 D42 D45

D105 D100

D772 D773 D774 D775 D791 D790

D426 D427 D428 D432 D433 D435 D436 D441 D442

D634 D635 D628 D619 D618 D629 D625 D624

T-13 T-14 T-21 T-22 T-23 T-29

R-2 R-7

D236 D240 D245 D250 D255 D260 D265 D270

162+00 163+00 164+00 165+00 166+00 167+00 168+00 169+00 170+00 171+00 172+00 173+00 174+00 175+00 176+00 177+00 178+00 179+00 180

10 11+00 12+00 13+00 14+00 15+00 0+00 1+00 2+00 3+00 4+00 5+00

0 30 60 120 180 240

SCALE IN FEET

PRELIMINARY

STATE OF ALASKA 49TH LUCAS SCHNELLER EE-11399 REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
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CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
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ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
ELECTRICAL DEMOLITION PLAN
STA 161+50 TO 180+00

DATE: 2/5/2018

SHEET: E7 OF 41

Designed By: LPS
Drawn By: JCA
Checked By: GRH

Date Revised: 2/05/2018, 6:13 PM
Layout Name: e
File Path and Name: U:\2046067200\drawing\E\Sheets\2046067200-ANC-E03-E10_demolition.dwg

MATCH LINE STA. 180+00, SEE SHEET E7

MATCH LINE STA. 198+50, SEE SHEET E9

TAXIWAY Y

TAXIWAY T

TAXIWAY T

TAXIWAY R

RUNWAY 15-33

EMH-90 EMH-91 EMH-92 EMH-93

EMH-63 EMH-64 EMH-65 EMH-66 EMH-67 EMH-68

LTG FAA RSA SD

D46 D48 D49 D50 D54

D275 D280 D285 D290 D295 D300 D305 D308

D99 D95 D91

D776 D777 D778 D443 D449 D450 D452 D453 D459

D617 D610 D601 D789 D788 D611 D608 D607

T-14 T-21 T-22 T-23 T-29

R-2 R-7

RPU-1

PHASE 3 PHASE 4

PHASE 4 PHASE 3

PRELIMINARY

0 30 60 120 180 240

SCALE IN FEET

STATE OF ALASKA 49TH LUCAS SCHNELLER EE-11399 REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

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CENTRAL REGION
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ANCHORAGE, ALASKA
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PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
ELECTRICAL DEMOLITION PLAN
STA 180+00 TO 198+50

DATE: 2/5/2018

SHEET: E8 OF 41

Designed By: LPS
Drawn By: JCA
Checked By: GRH

Date Revised:
Layout Name: r
File Path and Name: U:\2046067200\drawing\E\Sheets\2046067200-ANC-E03-E10_demolition.dwg

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MATCH LINE STA. 198+50, SEE SHEET E8

MATCH LINE STA. 214+00, SEE SHEET E10

EXISTING FAA BUILDINGS TO REMAIN

ODALS CONDUIT TO BE REMOVED BY FAA

REMOVE PAPI CONDUCTORS, ABANDON CONDUITS IN PLACE

REMOVE PAPI SYSTEM AND CONDUITS

TAXIWAY S

TAXIWAY R

RUNWAY 15-33

EMH-94

EMH-95

EMH

EMH-B

EMH-69

EMH-70

EMH-71

LTG

FAA

RSA

SD

SS

ABN-UE

T-14

T-21

T-22

T-23

T-29

R-2

R-7

D55

D60

D85

D90

D310

D315

D320

D325

D330

D335

D339

D460

D461

D465

D466

D467

D470

D471

D476

D477

D584

D585

D590

D591

D593

D599

D600

D779

D780

D781

D786

D787

199+00

200+00

201+00

202+00

204+00

205+00

206+00

207+00

208+00

209+00

210+00

211+00

212+00

213+00

214

11+00

12+00

13+00

14+00

15+00

0+00

1+00

2+00

3+00

4+00

5+00

PRELIMINARY

0 30 60 120 180 240

SCALE IN FEET

STATE OF ALASKA 49TH

LUCAS SCHNELLER EE-11399 REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
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TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
ELECTRICAL DEMOLITION PLAN
STA 198+50 TO 214+00

DATE: 2/5/2018

SHEET: E9 OF 41

Designed By: LPS
Drawn By: JCA
Checked By: GRH

Date Revised: 2/05/2018, 6:14 PM
Layout Name: 9
File Path and Name: U:\2046067200\drawing\E\Sheets\2046067200-ANC-E03-E10_demolition.dwg

ODALS CONDUIT TO BE REMOVED BY FAA

REMOVE ODALS CONDUITS AND JUNCTION BOXES

LOCATE AND PROTECT FUEL LINE AT CROSSING, SEE DETAIL 1/17

MATCH LINE STA. 241+00, SEE SHEET E9

RUNWAY 15-33

TAXIWAY Q

TAXIWAY R

RSA

TSA

LTG

SD

EMH-72

EMH-73

D65 D68 D69 D72 D73 D76 D77 D80 D81 D82 D341 D345 D350 D478 D479 D525 D529 D540 D550 D560 D568 D575 D580 D582 D583 D485 D490 D496 D497 D497A D500 D505 D510 D515 D520 D530 D569 D782 D783 D784 D785

R-2 R-7 T-14 T-21 T-29

29 REMOVE ODALS SYSTEM AND CONDUITS

13 REMOVAL BY FAA

EOP: STA 231+00.0

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+00 229+00 230+00 231+00 232

0+00 1+00 2+00 3+00 4+00 5+00 6+00

433+00 434+00 435+00 437+00 438+00 439+00

0 30 60 120 180 240

SCALE IN FEET

PRELIMINARY

STATE OF ALASKA 49 TH
LUCAS SCHNELLER EE-11399 REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
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TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
ELECTRICAL DEMOLITION PLAN
STA 214+00 TO 232+00

DATE: 2/5/2018

SHEET: E10 OF 41

Designed By: LPS
Drawn By: JCA
Checked By: GRH

Date Revised:
Layout Name:
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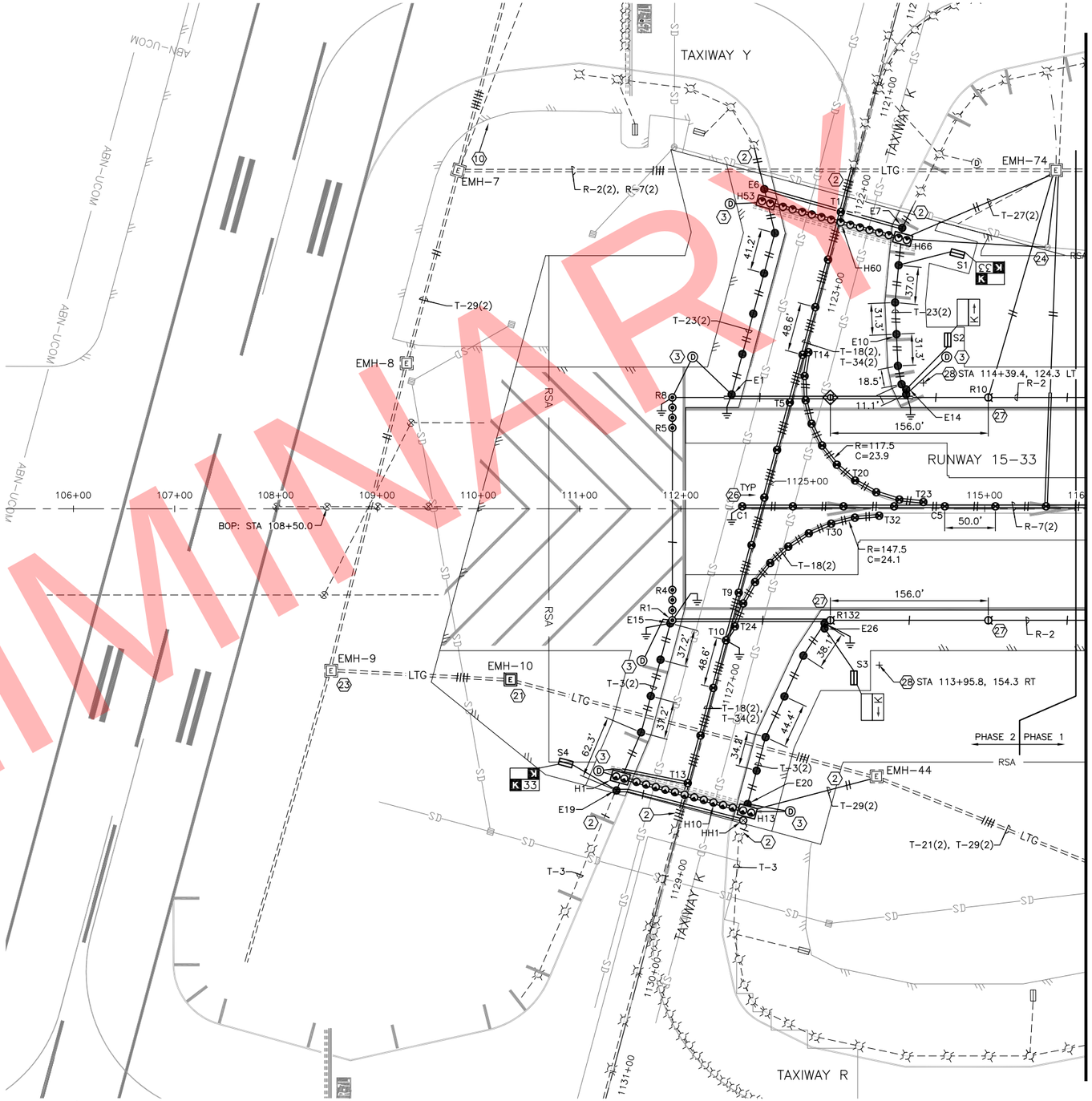


PRELIMINARY

Date Revised:	2/05/2018, 6:16 PM
Layout Name:	o
File Path and Name:	U:\2046067200\drawing\E\Sheets\2046067200-ANC-E11-E18-new Work.dwg

Designed By:	LPS
Drawn By:	JCA
Checked By:	GRH

STATE OF ALASKA 49 TH
LUCAS SCHNELLER
EE-11399
REGISTERED PROFESSIONAL ENGINEER

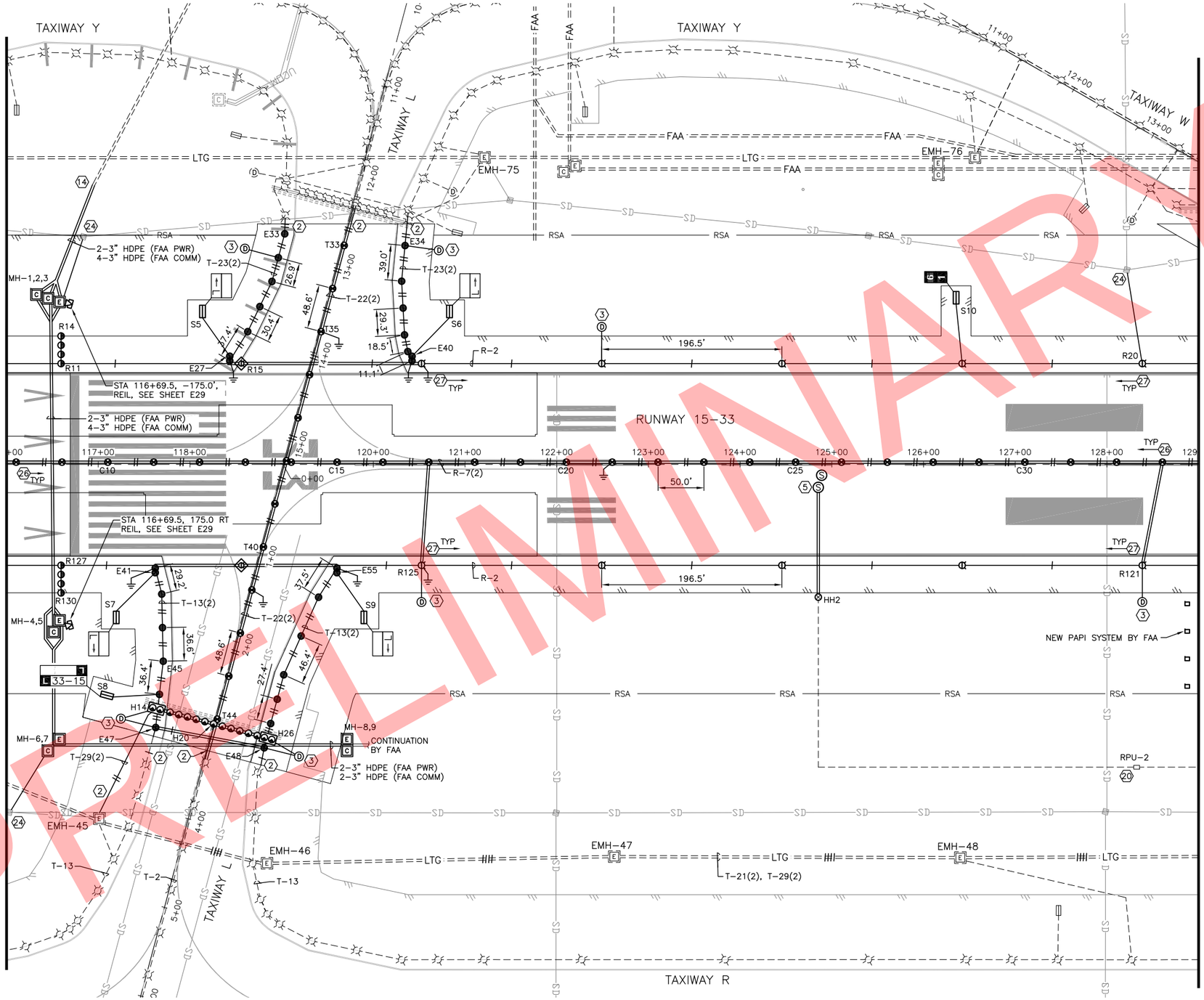
BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
ELECTRICAL NEW WORK PLAN
STA 108+00 TO 116+00

DATE: 2/5/2018

SHEET: E11 OF 41



PRELIMINARY

0 30 60 120 180 240
SCALE IN FEET

Designed By:	LPS
Drawn By:	JCA
Checked By:	GRH

Date Revised:	2/05/2018, 6:16 PM
Layout Name:	b
File Path and Name:	U:\2046067200\drawing\E\Sheets\2046067200-ANC-E11-E18-new Work.dwg

STATE OF ALASKA
49 TH
LUCAS SCHNELLER
EE-11399
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
ELECTRICAL NEW WORK PLAN
STA 116+00 TO 129+00

DATE: 2/5/2018

SHEET: E12 OF 41

MATCH LINE STA. 129+00, SEE SHEET E4

MATCH LINE STA. 147+00, SEE SHEET E14

TAXIWAY Y

RUNWAY 15-33

TAXIWAY M

TAXIWAY R

EMH-77 EMH-78 EMH-79 EMH-80 EMH-51 EMH-52 EMH-53 EMH-54 EMH-50 EMH-49

ROLLOUT RVR

LTG/FAA FAA LTG

RSA

PHASE 1 PHASE 3

STA 131+22.6, 125.0 LT

STA 136+65.8, 175.0 RT

STA 7+18.7, 134.0 RT

STA 6+21.8, 136.3 LT

T-22(2) T-23(2) T-13(2) T-21(2) T-29(2) T-13 R-7(2)

R=1490.0' C=163.6'

R=15.0' C=18.3'

R=102.1' C=33.6'

R=83.8' C=33.6'

R=87.9' C=21.9'

R=780.2' C=194.9'

T-21(2), T-29(2)

S11 S12 S13 S14 S15 S16 S17

HH3

TSA

ABN-UCOM UCOM SD SS F FOF FOD

PRELIMINARY

Designed By:	LPS
Drawn By:	JCA
Checked By:	GRH

Date Revised:	2/05/2018, 6:16 PM
Layout Name:	c
File Path and Name:	U:\2046067200\drawing\E\Sheets\2046067200-ANC-E11-E18-new Work.dwg

0 30 60 120 180 240

SCALE IN FEET

STATE OF ALASKA 49TH

LUCAS SCHNELLER EE-11399 REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
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4111 AVIATION AVE., ANCHORAGE ALASKA 99502
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ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
ELECTRICAL NEW WORK PLAN
STA 129+00 TO 147+00

DATE: 2/5/2018

SHEET: E13 OF 41

PRELIMINARY

MATCH LINE STA. 147+00,
SEE SHEET E13

MATCH LINE STA. 161+50,
SEE SHEET E15

TAXIWAY Y

TAXIWAY R

RUNWAY 15–33

EMH–81 EMH–82 EMH–83 EMH–84

EMH–55 EMH–56 EMH–57

LTG

RSA

UCOM ABN–UCOM SD UE F W

MH–C,D MH–A,B

S18

R30 R35 R110 R105

R–2 R–7(2) T–29(2)

196.5' 50.0'

C70 C75 C80 C85 C90 C95

148+00 149+00 150+00 151+00 152+00 153+00 154+00 155+00 156+00 157+00 158+00 159+00 160+00 161+00

T90 T92

0 30 60 120 180 240
SCALE IN FEET

STATE OF ALASKA 49 TH
LUCAS SCHNELLER
EE-11399
REGISTERED PROFESSIONAL ENGINEER

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PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
ELECTRICAL NEW WORK PLAN
STA 147+00 TO 161+50

DATE: 2/5/2018

SHEET: E14 OF 41

Designed By: LPS
Drawn By: JCA
Checked By: GRH

Date Revised:
Layout Name: d
File Path and Name: U:\2046067200\drawing\E\Sheets\2046067200-ANC-E11-E18-new Work.dwg

2/05/2018, 6:17 PM

MATCH LINE STA. 161+50, SEE SHEET E14

MATCH LINE STA. 180+00, SEE SHEET E16

TAXIWAY Y

TAXIWAY U

RUNWAY 15-33

TAXIWAY R

MIDFIELD RVR

EMH-85 EMH-86 EMH-87 EMH-88 EMH-89

EMH-58 EMH-59 EMH-60 EMH-61 EMH-62

LTG FAA RSA SD ABN-UCOM

E91 E95 T93 E96 E100 E101 T100 E110 E105 T103 E106

T95 T-22(2) T-23(2) T-14(2) T-14 T-21 T-29 T-29(2)

S19 S20 S21 S22 S23 S24

R100 R95 R40 R45 R-2 R-7(2)

47.4' 49.7' 44.4' 63.9' 196.5' 50.0'

C100 C105 C110 C115 C120 C125 C130 C135

162+00 163+00 164+00 165+00 166+00 167+00 168+00 169+00 170+00 171+00 172+00 173+00 174+00 175+00 176+00 177+00 178+00 179+00 180

11+00 12+00 13+00 14+00 15+00 0+00 1+00 2+00 3+00 4+00 5+00

0 30 60 120 180 240

SCALE IN FEET

PRELIMINARY

STATE OF ALASKA 49TH LUCAS SCHNELLER EE-11399 REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

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PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
ELECTRICAL NEW WORK PLAN
STA 161+50 TO 180+00

DATE: 2/5/2018

SHEET: E15 OF 41

Designed By: LPS
Drawn By: JCA
Checked By: GRH

Date Revised: 2/05/2018, 6:17 PM
Layout Name: e
File Path and Name: U:\2046067200\drawing\E\Sheets\2046067200-ANC-E11-E18-new Work.dwg

MATCH LINE STA. 180+00, SEE SHEET E15

MATCH LINE STA. 198+50, SEE SHEET E17

TAXIWAY Y

TAXIWAY T

EMH-90 EMH-91 EMH-92 EMH-93

LTG FAA RSA SD

E115 E116 T104 E111 E120 E113 E121 E130 E124 E125 E126 E128 T114 T110

T-23(2) T-22(2) T-14 T-21 T-29 T-29(2)

47.4' 49.7' 44.4' 63.9'

S25 S26 S27 S28 S29

R-2 R50 R90 R55 R-7(2)

196.5' 50.0'

RUNWAY 15-33

PHASE 3 PHASE 4 PHASE 4 PHASE 3

RPU-1

EMH-63 EMH-64 EMH-65 EMH-66 EMH-67 EMH-68

TAXIWAY R

C140 C145 C150 C155 C160 C165 C170

180+00 181+00 182+00 183+00 184+00 185+00 186+00 187+00 188+00 189+00 190+00 191+00 192+00 193+00 194+00 195+00 196+00 197+00 198+00

10+00 11+00 12+00 13+00 14+00 15+00 0+00 1+00 2+00 3+00 4+00 5+00

PRELIMINARY

0 30 60 120 180 240
SCALE IN FEET

STATE OF ALASKA 49TH LUCAS SCHNELLER EE-11399 REGISTERED PROFESSIONAL ENGINEER

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PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
ELECTRICAL NEW WORK PLAN
STA 180+00 TO 198+50

DATE: 2/5/2018

SHEET: E16 OF 41

Designed By: LPS
Drawn By: JCA
Checked By: GRH

Date Revised: 2/05/2018, 6:17 PM
Layout Name: f
File Path and Name: U:\2046067200\drawing\E\Sheets\2046067200-ANC-E11-E18-new Work.dwg

PRELIMINARY

MATCH LINE STA. 198+50, SEE SHEET E16

MATCH LINE STA. 214+00, SEE SHEET E18

EXISTING FAA BUILDINGS

RELOCATED GLIDE SLOPE BY FAA

NEW PAPI SYSTEM BY FAA

TAXIWAY S

TAXIWAY R

RUNWAY 15–33

EMH–94 EMH–95 EMH EMH–B EMH–69 EMH–70 EMH–71 EMH–72

HH4 HH5

E135 E136 E131 E140 E141 E150 E144 E145 E146 E148

T115 T120 T125

S30 S31 S32 S33 S34

T–23(2) T–22(2) T–14(2) T–29 T–29(2) T–14 T–21

R85 R60 R80 R–2 R–7(2)

C175 C180 C185 C190 C195 C200

196.5' 47.4' 49.7' 44.4' 63.9' 50.0'

0 30 60 120 180 240

SCALE IN FEET

STATE OF ALASKA 49 TH
LUCAS SCHNELLER EE-11399 REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

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ANCHORAGE, ALASKA
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PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
ELECTRICAL NEW WORK PLAN
STA 198+50 TO 214+00

DATE: 2/5/2018

SHEET: E17 OF 41

Designed By: LPS
Drawn By: JCA
Checked By: GRH

Date Revised:
Layout Name: 9
File Path and Name: U:\2046067200\drawing\E\Sheets\2046067200-ANC-E11-E18-new Work.dwg
2/05/2018, 6:18 PM

MATCH LINE STA. 214+00, SEE SHEET E17

CONTINUATION BY FAA

MH-10,11

4-4" HDPE (FAA PWR)
1-2" HDPE (FAA COMM)

LOCATE AND PROTECT FUEL LINE AT CROSSING, SEE DETAIL 1/17

MH-12,13

STA 220+79.5 MALSF THRESHOLD BAR, SEE SHEET E26

STA 222+69.5 200FT LIGHT BAR, SEE SHEET E27

STA 224+69.5 400FT LIGHT BAR FOUNDATION, SEE DETAIL 2/E28

STA 226+69.5 600FT LIGHT BAR FOUNDATION, SEE DETAIL 2/E28

STA 228+69.5 800FT LIGHT BAR FOUNDATION, SEE DETAIL 2/E28

STA 230+74.5 1000FT LIGHT BAR FOUNDATIONS, SEE DETAILS 1 AND 2/E28

MH-14,15

MH-16,17

MH-18,19

MH-20,21

MH-22,23

MH-24,25

4-4" HDPE (FAA PWR)
1-2" HDPE (FAA COMM)
TYPICAL

NEW MALSF SYSTEM BY FAA, SEE SHEET E2 FOR DIVISION OF WORK

CONTINUATION BY FAA

EOP: STA 231+00

RUNWAY 15-33

TAXIWAY Q

TAXIWAY R

TW Q STA 4+50.0, 150.0 RT (CENTERLINE LIGHTS)
TW Q STA 4+51.0, 149.0 RT (EDGE LTS)

STA 218+79.0, 154.5 RT

RSA

TSA

SD

R=147.0'
C=23.1'

R=152.5'
C=23.9'

R=314.2'
C=52.2'

SCALE IN FEET
0 30 60 120 180 240

PRELIMINARY

Designed By:	LPS
Drawn By:	JCA
Checked By:	GRH

Date Revised: 2/05/2018, 6:19 PM
Layout Name: h
File Path and Name: U:\204667200\drawing\E\Sheets\204667200-ANC-E11-E18-new Work.dwg

STATE OF ALASKA 49TH
LUCAS SCHNELLER EE-11399 REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
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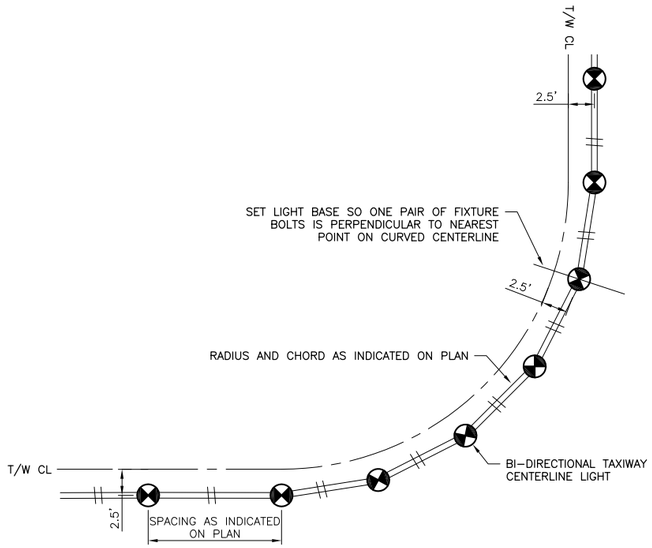
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

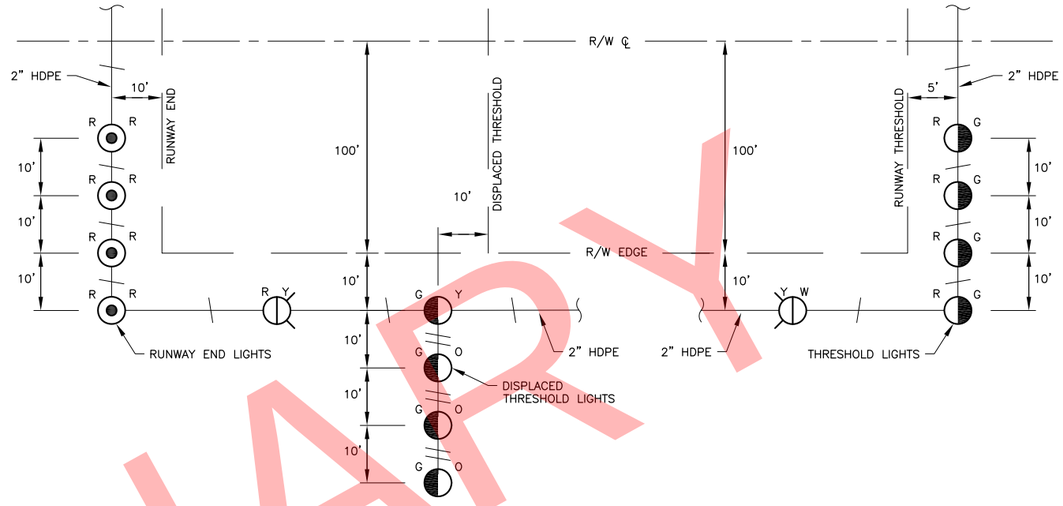
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
ELECTRICAL NEW WORK PLAN
STA 214+00 TO 232+00

DATE: 2/5/2018

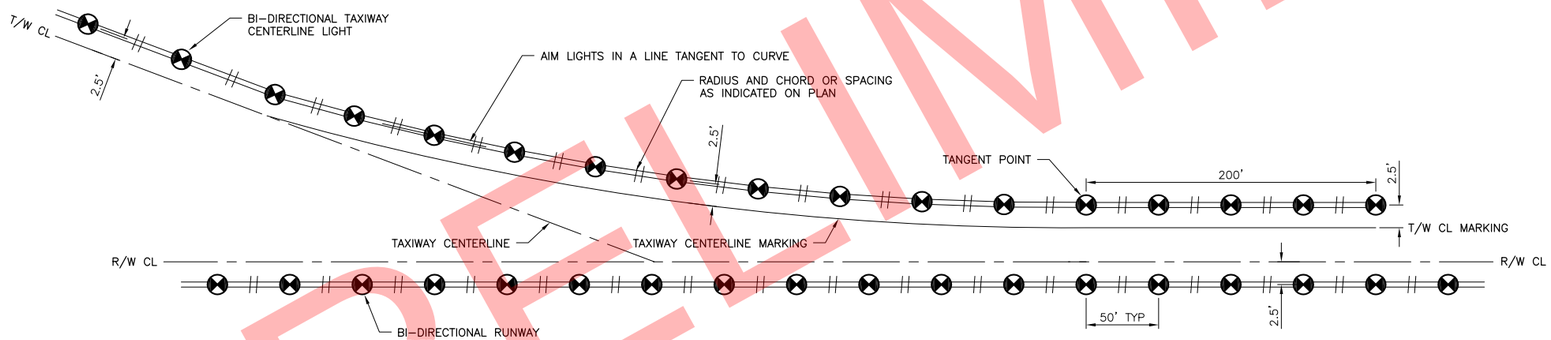
SHEET: E18 OF 41



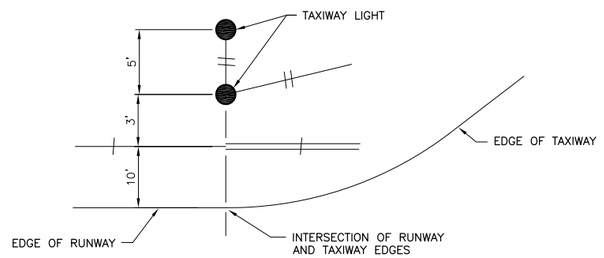
1 E19 TYPICAL CURVE CENTERLINE LIGHTING
NTS



3 E19 THRESHOLD LIGHTING DETAIL
NTS



2 E19 TYPICAL LEAD-OFF LIGHTING
NTS



4 E19 TYPICAL TAXIWAY ENTRANCE LIGHTS
NTS

PRELIMINARY

Designed By: LPS
Drawn By: JCA
Checked By: GRH
Date Revised: 2/05/2018, 6:19 PM
Layout Name: E19
File Path and Name: U:\2046067200\drawing\E\Sheets\2046067200-ANC-E19-E29_details.dwg

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REGISTERED PROFESSIONAL ENGINEER

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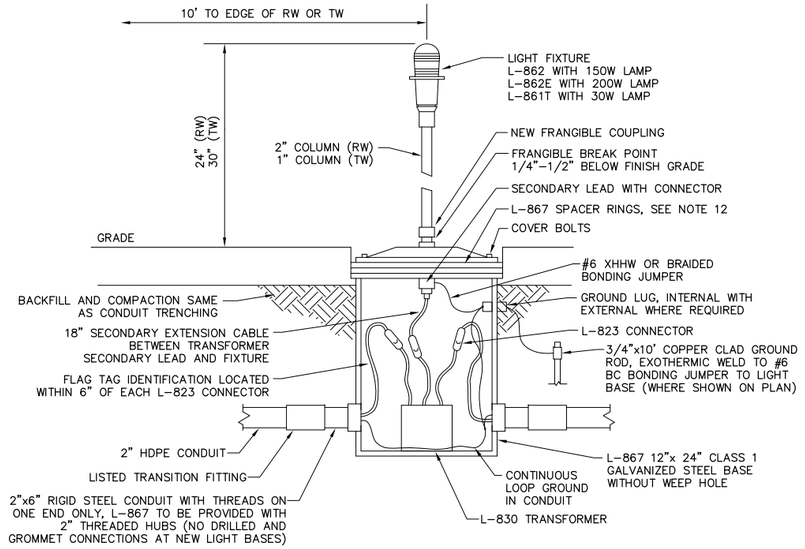
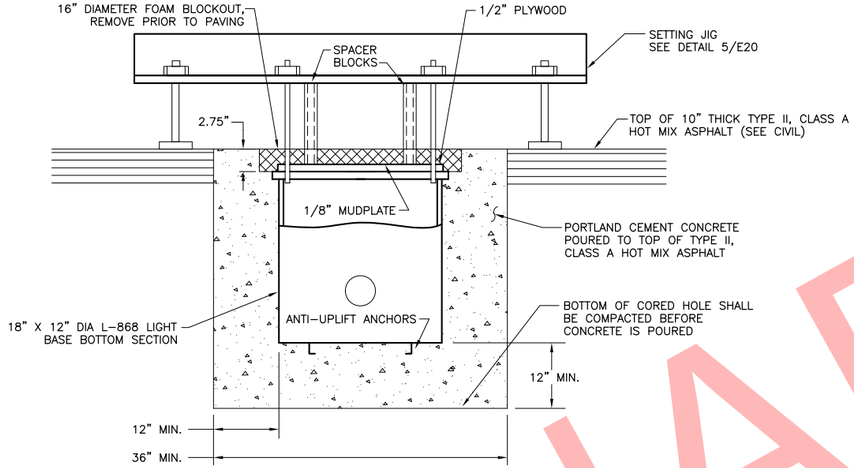
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
ELECTRICAL DETAILS

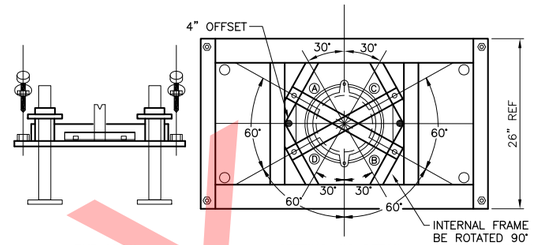
DATE: 2/5/2018
SHEET: E19 OF 41



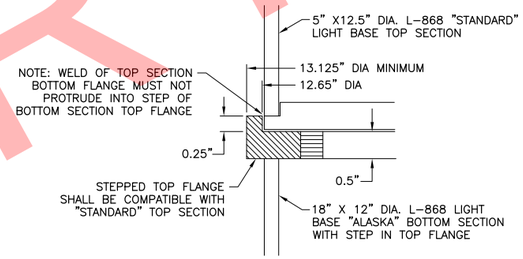
1 E20 BASE MOUNTED EDGE LIGHT DETAIL
NTS



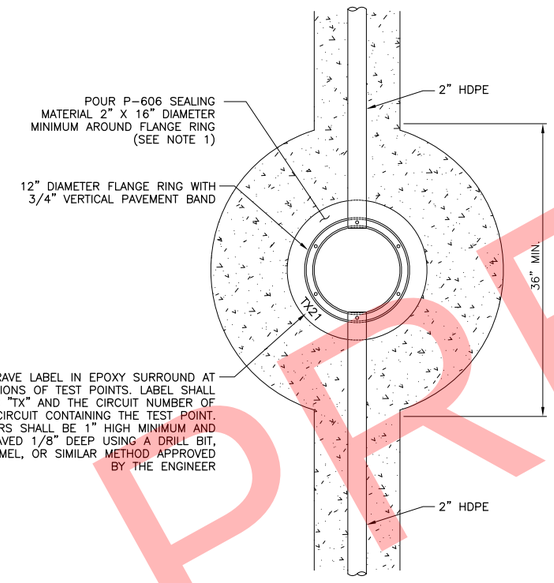
3 E20 RECESSED LIGHT BASE INSTALLATION
NTS



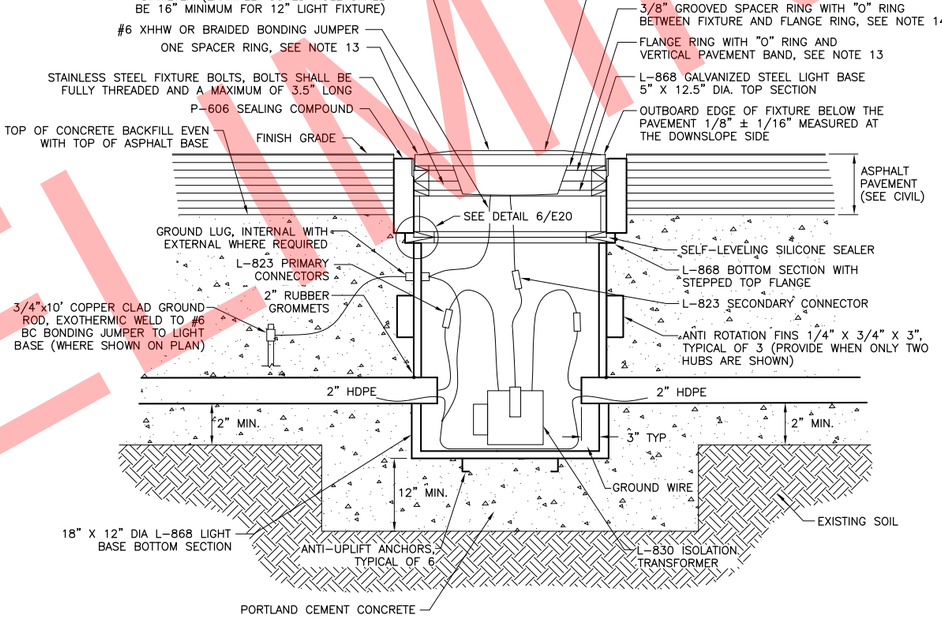
5 E20 SETTING JIG DETAILS
NTS



6 E20 BASE FLANGE DETAIL
NTS



2 E20 RECESSED LIGHT – PLAN VIEW
NTS



4 E20 RECESSED LIGHT – SECTION VIEW
NTS

NOTES

1. P-606 SEALING COMPOUND SHALL BE POLYURETHANE MATERIALS MEETING FED SPEC P-606. ANNULUS TO BE CLEAN AND DRY PRIOR TO POURING PRODUCT. MIX AND APPLY USING MANUFACTURER EQUIPMENT AND PROCEDURES.
2. SELF-LEVELING SILICONE SEALER SHALL BE GE BRAND RTV118 OR APPROVED EQUAL. NO SELF-LEVELING SILICONE SEALER SHALL BE INSTALLED BETWEEN TOP FLANGE OF TOP SECTION, SPACER RINGS, AND FLANGE RING.
3. FIXTURE SHALL BE A SEMI-FLUSH MOUNT MODEL AND INSTALLATION SHALL BE A DRY TYPE SYSTEM.
4. CONDUIT SYSTEM SHALL BE INSTALLED AT THE SAME GRADE AS THE RUNWAY OR TAXIWAY AND SLOPED TO DRAIN TO THE LOW SPOTS AND DRAINS WHERE SHOWN.
5. BOTTOM OF CORED HOLE SHALL BE COMPACTED BEFORE CONCRETE IS POURED.
6. A THIRD HUB FOR A CONDUIT DRAIN SHALL BE PROVIDED WHERE SHOWN ON PLANS.
7. SETTING JIG FOR FIXTURE SHALL BE FROM JAQUITH INDUSTRIES INC. OR APPROVED EQUAL AND SHALL BE INCIDENTAL TO THE CONTRACT.
8. CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION P-610. ALL CONCRETE SHALL BE SEALED IN ACCORDANCE WITH REQUIREMENTS OF SECTION P-610.
9. ALL CONDUIT AND NEW FIXTURE BOTTOM SECTIONS SHALL BE INSTALLED BEFORE INSTALLATION OF FIRST LIFT OF SURFACE ASPHALT.
10. FIXTURE BOLTS IN FOR RECESSED LIGHTS SHALL BE STAINLESS STEEL. COAT BOLT THREADS IN CONTACT WITH LIGHT BASE FLANGE, UNDERSIDE OF BOLT HEAD, AND UNDERSIDE OF WASHER WITH GRAPHITE-BASED, MARINE-GRADE ANTI-SEIZE.
11. 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.
12. INSTALL ELEVATED EDGE LIGHTS WITH TWO 1/2" SPACER RINGS BELOW BASEPLATE. IF REQUIRED, SPACER RINGS MAY BE REMOVED OR REPLACED WITH THINNER SPACER RINGS DURING BASEPLATE INSTALLATION TO LOWER FRANGIBLE COUPLING TO SPECIFIED ELEVATION.
13. FLANGE AND SPACER RING BASIS OF DESIGN IS 3/4" THICK. THINNER RINGS MAY BE UTILIZED IF REQUIRED TO MEET SPECIFIED FIXTURE ELEVATION.
14. PROVIDE SPACER RING WITH "O" RING ABOVE FLANGE RING FOR FIXTURES OUTSIDE THE LIMITS OF THE RUNWAY EDGE. PROVIDE STANDARD SPACER RING BELOW FLANGE RING FOR FIXTURES INSIDE THE LIMITS OF THE RUNWAY EDGE.
15. LEAVE SUFFICIENT SLACK IN POWER FEED CONDUCTORS TO MAKE CONNECTIONS 2 FEET ABOVE GRADE. LEAVE SUFFICIENT SLACK IN RETURN AND LOOP CONDUCTORS TO REACH 1 FOOT ABOVE GRADE WITH CENTER OF SLACK CONDUCTOR.

PRELIMINARY

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ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
ELECTRICAL DETAILS

DATE: 2/5/2018
SHEET: E20 OF 41

Designed By: LPS
Drawn By: JCA
Checked By: GRH
Date Revised:
Layout Name: E20
File Path and Name: U:\2046067200\drawing\E\Sheets\2046067200-ANC-E19-E29_details.dwg
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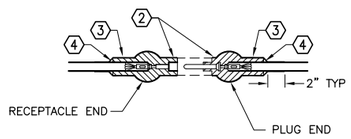
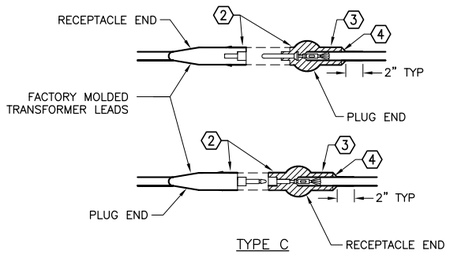


TYPE B

FOR SPLICES FOR USE AT TEST POINTS, JUNCTION OF HOMERUN WITH LOOP CIRCUITS, AND SPLICES IN HOMERUN CABLES



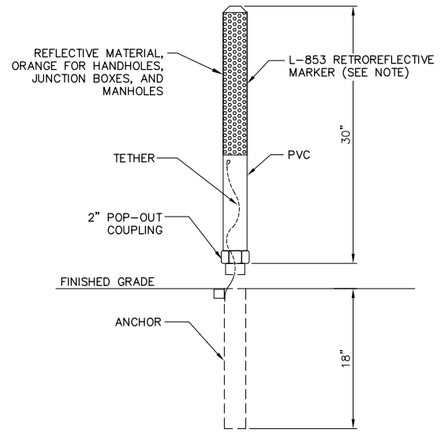
TYPE C

FOR SPLICES AT RUNWAY LIGHTS

NOTES:

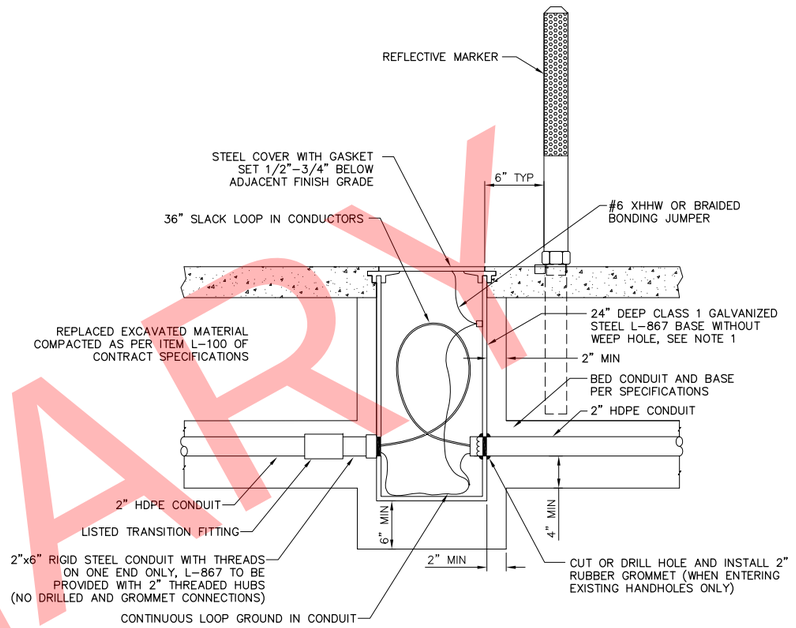
1. CABLE SHALL MEET SPECIFICATION L-824. INSIDE DIAMETER OF CONNECTOR SHALL PROPERLY MATCH THE OUTSIDE DIAMETER OF CABLE. CONNECTOR SHALL BE SUPPLIED TO MATCH CABLE PER MANUFACTURER'S INSTRUCTIONS.
2. PULL FACTORY-MOLDED SEALING FLAP ACROSS CONNECTOR MATING POINT. WRAP WITH A MINIMUM OF ONE LAYER RUBBER TAPE AND ONE LAYER PLASTIC TAPE, EACH LAYER ONE-HALF LAPPED, EXTENDING AT LEAST 1.5" ON EACH SIDE OF JOINT.
3. WRAP CABLE ENTRY POINT OF FIELD-INSTALLED CONNECTOR WITH A MINIMUM OF ONE LAYER RUBBER TAPE AND ONE LAYER PLASTIC TAPE, EACH LAYER ONE-HALF LAPPED, EXTENDING AT LEAST 2" ONTO CABLE AND CONNECTOR.
4. L-823 CONNECTOR SHALL HAVE TAPERED STRAIN RELIEF AT CABLE ENTRY.

1 E21 TYPICAL SPLICE DETAILS
NTS



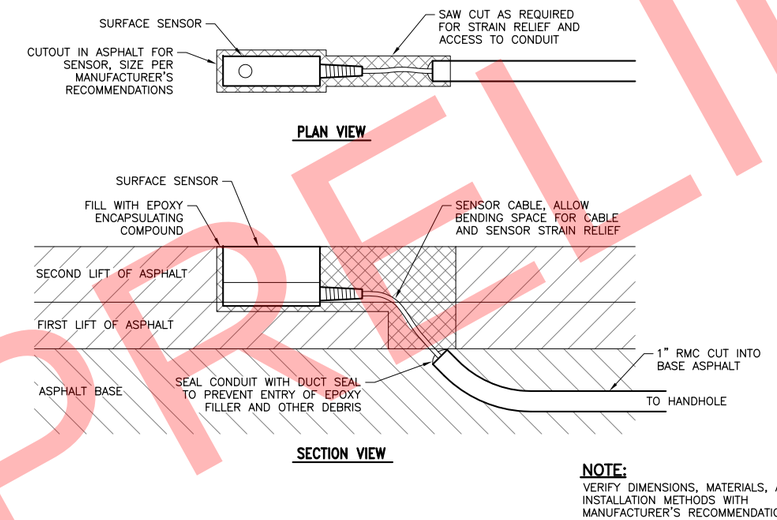
NOTE:
RETROREFLECTIVE MARKERS SHALL BE INSTALLED 6" FROM EACH HANDHOLE, J-BOX, OR MANHOLE AS INDICATED. MARKERS SHALL BE SUBSIDIARY TO THE HANDHOLE, JUNCTION BOX, OR MANHOLE PAY ITEM AND NO SEPARATE PAYMENT SHALL BE MADE. MARKER SHALL BE TYPE II PER SPEC P-660.

2 E21 RETROREFLECTIVE MARKER DETAIL
NTS



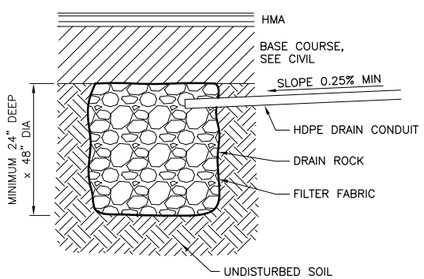
NOTES:
1. SIZE B HANDHOLES SHALL BE 12" DIAMETER
   SIZE D HANDHOLES SHALL BE 16" DIAMETER
2. CIRCUIT GROUND WIRE ROUTED IN CONDUIT SHALL BE CONTINUOUS THROUGH LIGHT BASE OR JOINED USING IRREVERSIBLE COMPRESSION CONNECTORS AND SHALL NOT RELY ON LIGHT BASE GROUND LUG FOR CONTINUITY

3 E21 HANDHOLE, TYPE I DETAIL
NTS

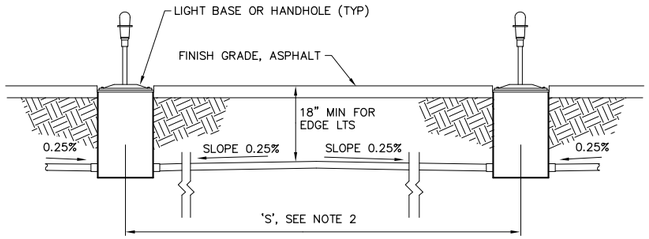


NOTE:
VERIFY DIMENSIONS, MATERIALS, AND INSTALLATION METHODS WITH MANUFACTURER'S RECOMMENDATIONS.

4 E21 SURFACE SENSOR INSTALLATION DETAIL
NTS



5 E21 DRYWELL DETAIL
NTS



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.
3. ADDITIONAL HUBS FOR CONDUIT DRAINS SHALL BE PROVIDED WHERE SHOWN ON PLANS.
4. ALL CONDUIT, LIGHT BASES, AND HANDHOLES SHALL BE INSTALLED BEFORE INSTALLATION OF SURFACE ASPHALT PAVEMENT.

6 E21 TYPICAL INTERCONNECTION DETAIL
NTS

PRELIMINARY

Designed By: LPS
Drawn By: JCA
Checked By: GRH
Date Revised: 2/05/2018, 6:19 PM
Layout Name: E21
File Path and Name: U:\2046067200\drawing\E\Sheets\2046067200-ANC-E19-E29_details.dwg

STATE OF ALASKA 49TH
LUCAS SCHNELLER
EE-11399
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

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CENTRAL REGION
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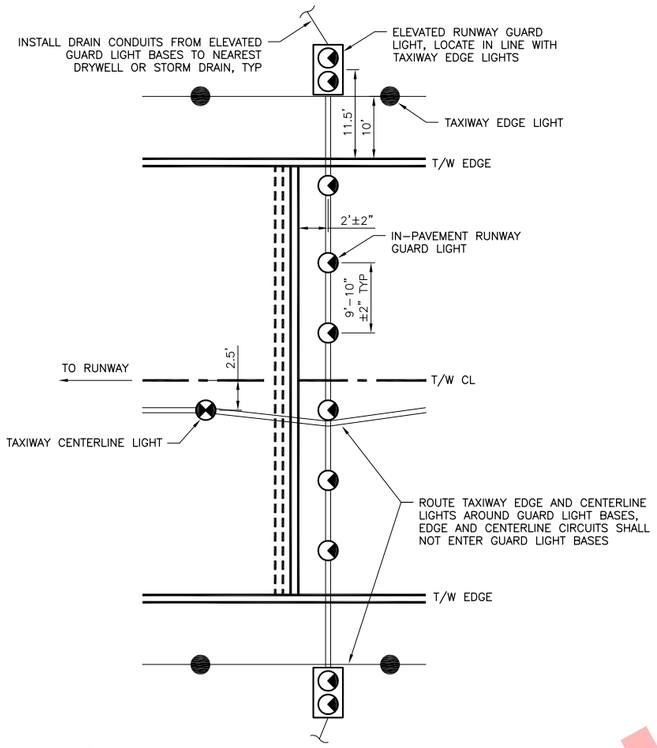
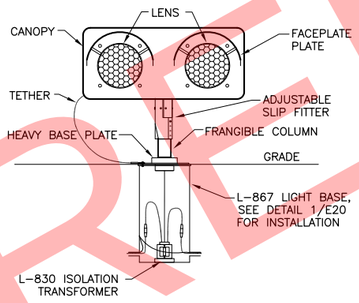
RUNWAY 15/33 REHABILITATION
PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
ELECTRICAL DETAILS

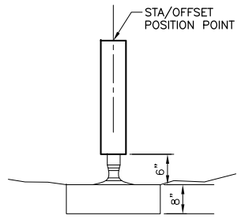
DATE: 2/5/2018
SHEET: E21 OF 41



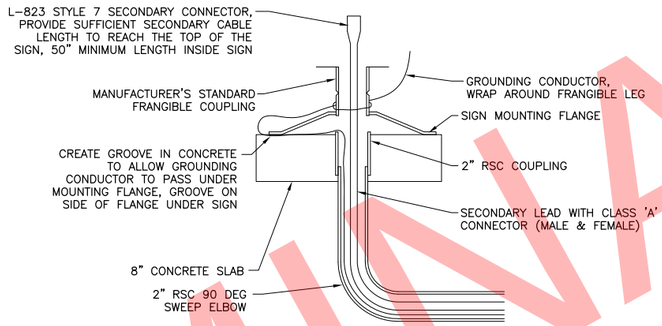
1 E22 TYPICAL RUNWAY GUARD LIGHTING
NTS



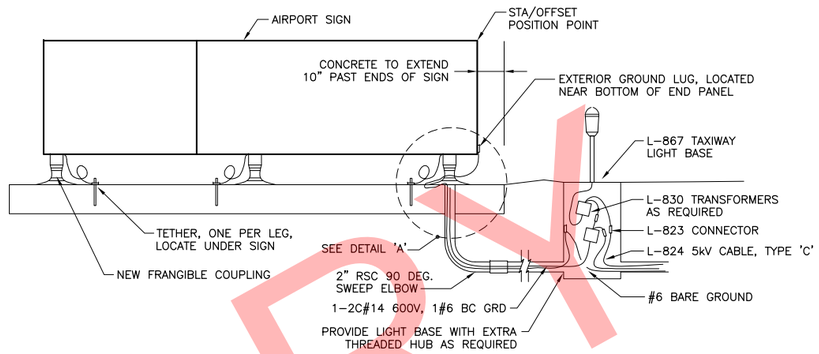
2 E22 ELEVATED GUARD LIGHT DETAIL
NTS



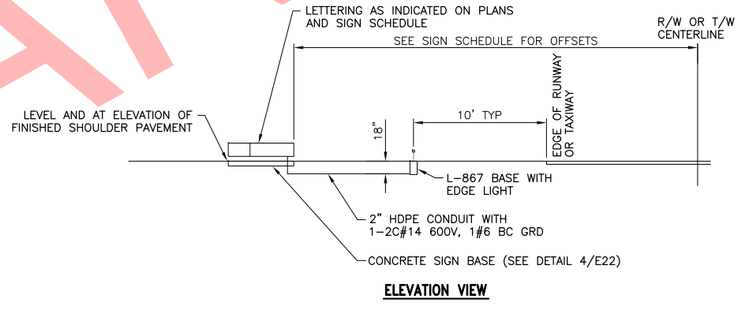
SIDE VIEW



DETAIL 'A'

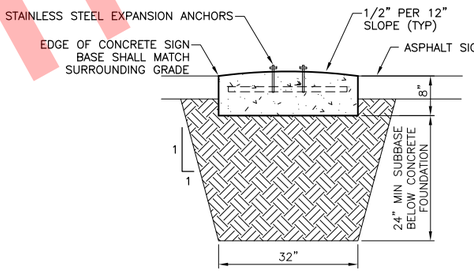


FRONT VIEW

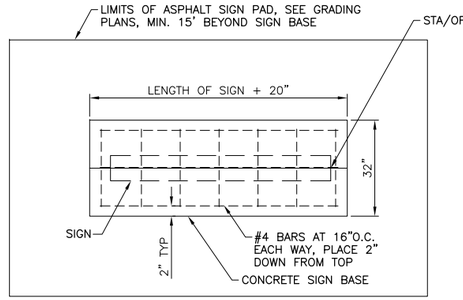


ELEVATION VIEW

3 E22 AIRPORT SIGN DETAILS
NTS



SIDE VIEW



PLAN VIEW

NOTES:

1. MINOR GRADING OR FILL SHALL BE REQUIRED AT ALL SIGN LOCATIONS. THE GRADING AND EARTHWORK SHALL BE INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.
2. ATTACH SIGNS TO CONCRETE BASE USING STAINLESS STEEL EXPANSION ANCHORS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. INSTALL ANCHORS AFTER CONCRETE HAS REACHED FULL DESIGN STRENGTH.
3. CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION P-610. ALL CONCRETE SHALL BE SEALED IN ACCORDANCE WITH REQUIREMENTS OF SECTION P-610.
4. SET SIGN BASE ELEVATION AT SHOULDER PAVEMENT ELEVATION AT END CLOSEST TO RUNWAY OR TAXIWAY EDGE. SIGN BASE SHALL BE LEVEL. ADJUST ASPHALT SIGN PAD PAVEMENT TO MEET EDGE OF OTHER SIDES OF FOUNDATION.

4 E22 CONCRETE SIGN BASE DETAILS
NTS

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PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
ELECTRICAL DETAILS

DATE: 2/5/2018
SHEET: E22 OF 41

Designed By: LPS
Drawn By: JCA
Checked By: GRH
Date Revised:
Layout Name: E22
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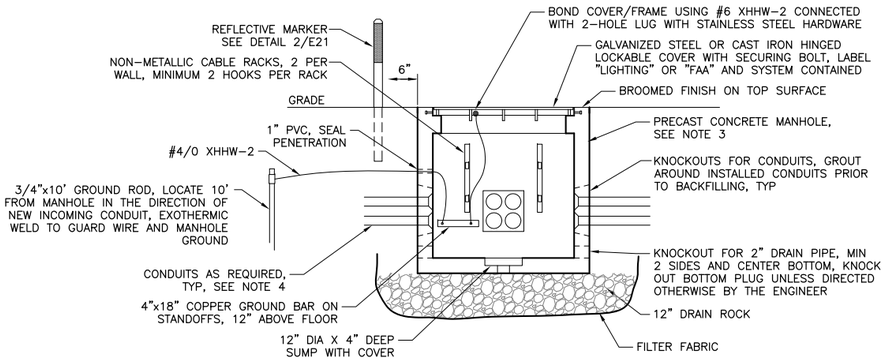


NOTES:

1. PRECAST MANHOLE, LID, FRAME, AND COVER SHALL BE RATED FOR WHEEL LOADING BASED ON LOCATION. CONCRETE TOP SECTION WITH COVER MAY BE OVERSIZED IF REQUIRED TO MEET LOADING REQUIREMENTS.

   AIRCRAFT AREA (WITHIN RSA AND TSA) – 100,000 LB. LOAD
   NON-AIRCRAFT AREA – H-20 WHEEL LOADING

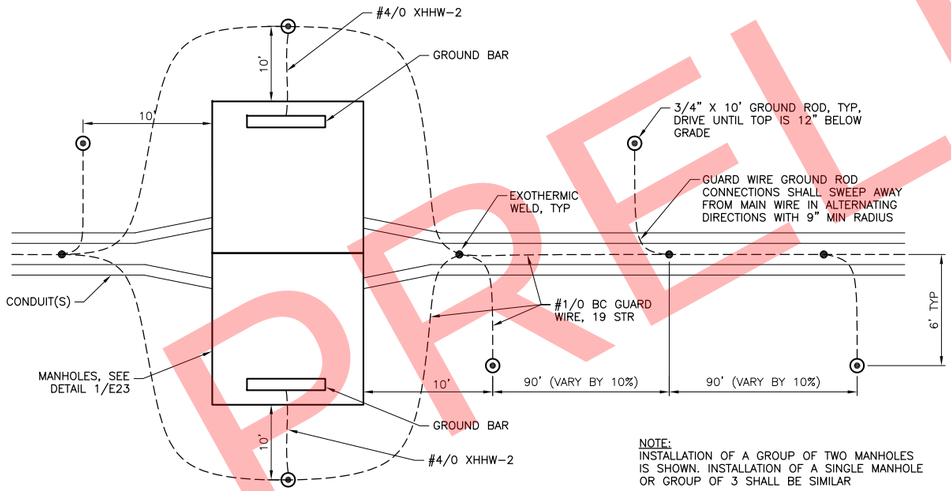
2. CAST IRON HINGED COVERS SHALL BE PROVIDED WITH SPRING ASSIST MECHANISM.

3. MANHOLES SHALL HAVE INSIDE DIMENSIONS AS INDICATED IN THE MANHOLE SCHEDULE ON SHEET E35. MANHOLE FLOOR SHALL BE 48" MAXIMUM BELOW GRADE. MANHOLE COVERS SHALL BE 36"x36" MINIMUM.

4. METALLIC CONDUIT SHALL EXTEND 2" INTO MANHOLE AND TERMINATE WITH AN INSULATED GROUNDING BUSHING BONDED TO THE GROUND BUS WITH #6 XHHW-2. NON-METALLIC CONDUIT SHALL TERMINATE AT TERMINATION FITTING CAST INTO THE MANHOLE WALL OR SHALL EXTEND 2" INTO MANHOLE AND HAVE THE ENDS REAMED TO PREVENT CONDUCTOR INSULATION DAMAGE.

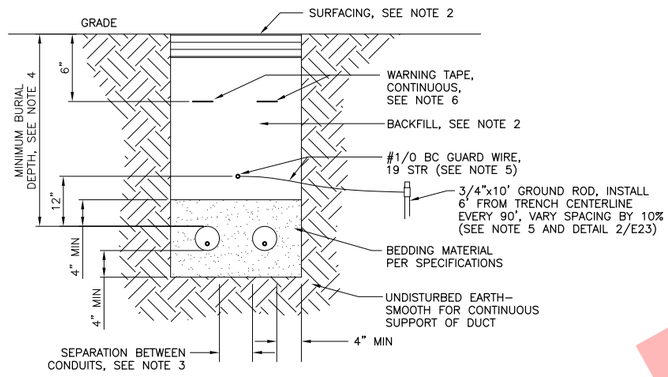
5. ALL CONNECTIONS TO THE MANHOLE GROUND SHALL BE BY EXOTHERMIC WELDS OR 2-HOLE BRASS LUGS WITH 2-BOLT COMPRESSION ON THE CABLE AND STAINLESS STEEL HARDWARE. BURIED GROUND CONNECTIONS SHALL BE EXOTHERMIC WELDS. XHHW-2 GROUNDING CONDUCTORS SHALL HAVE GREEN INSULATION.

1 E23 ELECTRICAL MANHOLE DETAIL
NTS



NOTE:
INSTALLATION OF A GROUP OF TWO MANHOLES IS SHOWN. INSTALLATION OF A SINGLE MANHOLE OR GROUP OF 3 SHALL BE SIMILAR

2 E23 FAA CONDUIT/MANHOLE GROUNDING DETAIL
NTS



NOTES:

1. WIDTH OF TRENCH AND NUMBER OF CONDUITS PER TRENCH TO BE DETERMINED IN FIELD (2 SHOWN).

2. IN AREAS OF NEW CONSTRUCTION, SEE CIVIL FOR SURFACING AND BACKFILL. IN EXISTING AREAS, MATCH EXISTING SURFACING AND BACKFILL.

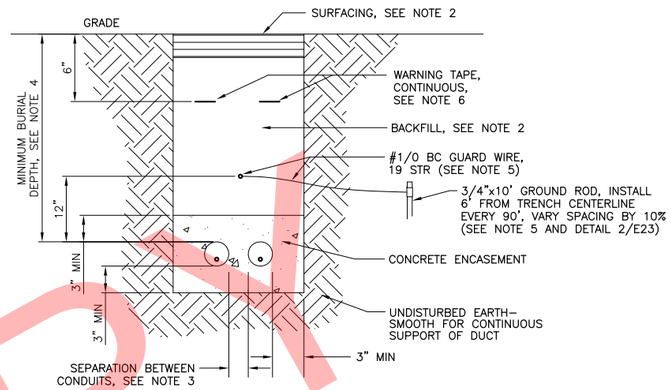
3. SEPARATION BETWEEN CONDUITS SHALL BE AS FOLLOWS. UTILIZE COMMERCIALLY MANUFACTURED DUCT SPACERS IN COMMON DUCTBANKS WITH PARALLEL CONDUITS SPACED EVERY 5'O.C. TO MAINTAIN SEPARATION:
   -CONDUITS OF SAME TYPE (POWER OR SIGNAL) UNDER SAME OWNERSHIP – 2"
   -AIRPORT LIGHTING AND FAA CONDUITS – 12" MIN
   -PRIMARY POWER AND ANY OTHER CONDUIT – 18" MIN
   -TELECOM SERVICE AND ANY OTHER CONDUIT – 18" MIN
   -FAA NAVIAD CONDUITS, POWER AND CONTROL – 6" MIN (HOR OR VERT)

4. MINIMUM BURIAL DEPTH SHALL BE AS FOLLOWS, UNLESS OTHERWISE INDICATED:
   -AIRPORT LIGHTING CONDUITS – 18"
   -FAA AND COMMUNICATIONS CONDUITS – 36"
   -FAA CONDUITS WHERE UNDER TRAFFIC AREAS (RUNWAYS, TAXIWAYS, APRON, ROADWAYS) – 48"

5. GUARD WIRE AND ASSOCIATED GROUND RODS SHALL BE INSTALLED FOR THE FOLLOWING CONDUITS:
   -FAA LIGHTING, NAVIGATION SYSTEM, AND COMMUNICATION CONDUITS (PAPI, REIL, MALSF) PROVIDE TWO GUARD WIRES FOR TRENCHES OVER 3FT WIDE. CONNECT BOTH GUARD WIRES TO GROUND RING OR ROD AT MANHOLES OR EQUIPMENT.

6. UNDERGROUND WARNING TAPE SHALL BE 6" WIDE AND DETECTABLE FOR CONDUITS LISTED IN NOTE 5. WARNING TAPE MAY BE THE SAME OR PER L-110 FOR OTHER CONDUITS. PROVIDE TWO TAPES FOR TRENCHES OVER 3FT WIDE.

3 E23 TYPICAL CONDUIT TRENCH DETAIL
NTS



NOTES:

1. WIDTH OF TRENCH AND NUMBER OF CONDUITS PER TRENCH TO BE DETERMINED IN FIELD (2 SHOWN).

2. IN AREAS OF NEW CONSTRUCTION, SEE CIVIL FOR SURFACING AND BACKFILL. IN EXISTING AREAS, MATCH EXISTING SURFACING AND BACKFILL.

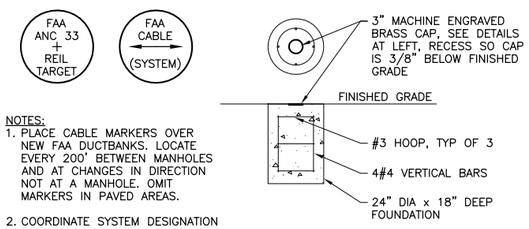
3. SEPARATION BETWEEN CONDUITS SHALL BE AS FOLLOWS. UTILIZE COMMERCIALLY MANUFACTURED DUCT SPACERS IN COMMON DUCTBANKS WITH PARALLEL CONDUITS SPACED EVERY 5'O.C. TO MAINTAIN SEPARATION:
   -CONDUITS OF SAME TYPE (POWER OR SIGNAL) UNDER SAME OWNERSHIP – 1 1/2"
   -AIRPORT LIGHTING AND FAA CONDUITS – 12" MIN
   -PRIMARY POWER AND ANY OTHER CONDUIT – 18" MIN
   -TELECOM SERVICE AND ANY OTHER CONDUIT – 18" MIN
   -FAA NAVIAD CONDUITS, POWER AND CONTROL – 6" MIN (HOR OR VERT)

4. MINIMUM BURIAL DEPTH SHALL BE AS FOLLOWS, UNLESS OTHERWISE INDICATED:
   -AIRPORT LIGHTING CONDUITS – 18"
   -FAA AND COMMUNICATIONS CONDUITS – 36"
   -AIRPORT LIGHTING DUCTBANKS – 24"
   -FAA CONDUITS WHERE UNDER TRAFFIC AREAS (RUNWAYS, TAXIWAYS, APRON, ROADWAYS) – 48"

5. GUARD WIRE AND ASSOCIATED GROUND RODS SHALL BE INSTALLED FOR THE FOLLOWING CONDUITS:
   -FAA LIGHTING, NAVIGATION SYSTEM, AND COMMUNICATION CONDUITS (PAPI, REIL, MALSF) PROVIDE TWO GUARD WIRES FOR TRENCHES OVER 3FT WIDE.

6. UNDERGROUND WARNING TAPE SHALL BE 6" WIDE AND DETECTABLE FOR CONDUITS LISTED IN NOTE 5. WARNING TAPE MAY BE THE SAME OR PER L-110 FOR OTHER CONDUITS. PROVIDE TWO TAPES FOR TRENCHES OVER 3FT WIDE.

5 E23 CONCRETE ENCASED DUCT BANK DETAIL
NTS



NOTES:
1. PLACE CABLE MARKERS OVER NEW FAA DUCTBANKS. LOCATE EVERY 200' BETWEEN MANHOLES AND AT CHANGES IN DIRECTION NOT AT A MANHOLE. OMIT MARKERS IN PAVED AREAS.

2. COORDINATE SYSTEM DESIGNATION FOR EACH MARKER WITH CONDUITS BEING INSTALLED.

3. INSTALL TARGET FOR EACH REIL, SEE DETAIL 1/E29.

4 E23 CABLE MARKER/REIL TARGET DETAIL
NTS

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RUNWAY 15/33 REHABILITATION
PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
ELECTRICAL DETAILS

DATE: 2/5/2018
SHEET: E23 OF 41

Designed By: LPS
Drawn By: JCA
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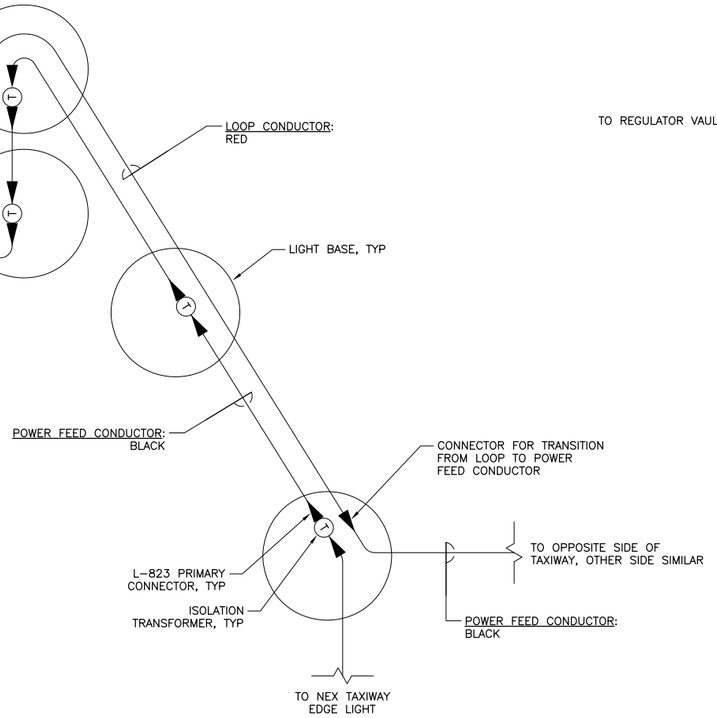
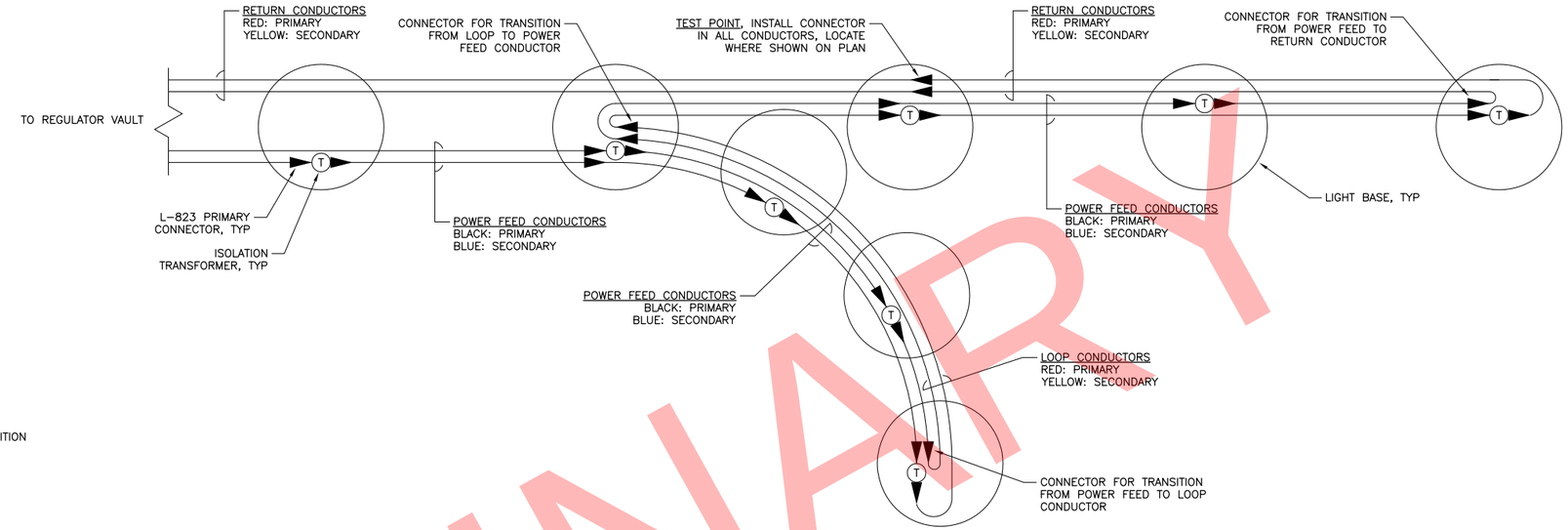
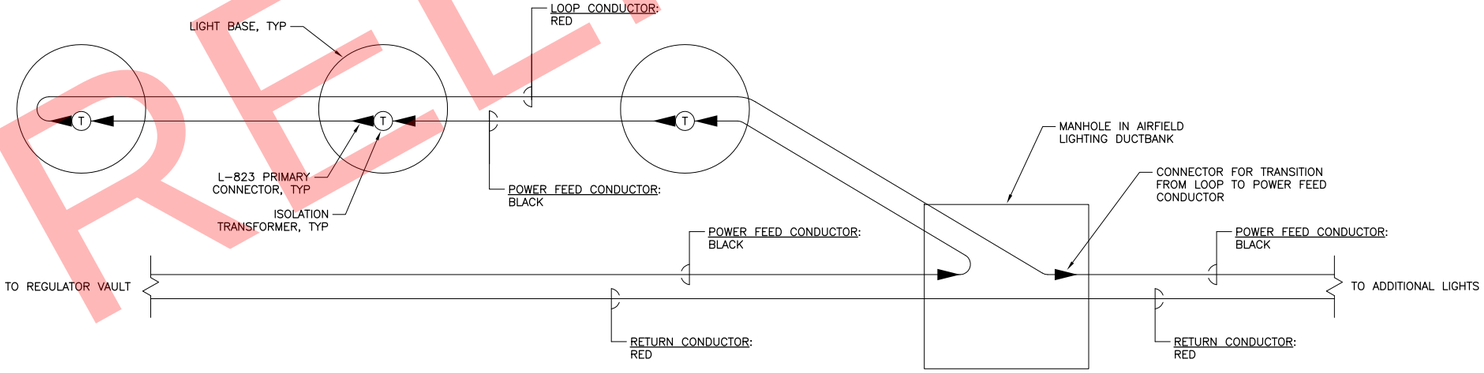
Date Revised: 2/05/2018, 6:19 PM
Layout Name: E23
File Path and Name: U:\2046067200\drawing\E\Sheets\2046067200-ANC-E19-E29_details.dwg



1 E24 TYPICAL TAXIWAY EDGE LIGHT CONDUCTOR DIAGRAM
NTS



2 E24 TYPICAL TAXIWAY CENTERLINE LIGHT CONDUCTOR DIAGRAM
NTS



3 E24 TYPICAL RUNWAY GUARD LIGHT CONDUCTOR DIAGRAM
NTS

NOTES:

1. ALL TRANSFORMERS SHALL BE SERVED FROM POWER FEED CONDUCTORS. THE RETURN AND LOOP CONDUCTORS SHALL CONTAIN NO TRANSFORMERS.
2. DIAGRAMS ARE TYPICAL. NOT ALL CIRCUITS WILL BE PRESENT AT ALL LOCATIONS AND IN ALL LIGHT BASES.
3. LABEL POWER FEED CONDUCTORS WITH CIRCUIT NUMBER AND DIRECTION OF TRAVEL ON EACH SIDE OF ALL SPLICES AND TRANSFORMERS.
4. LABEL RETURN CONDUCTORS WITH CIRCUIT NUMBER, DIRECTION OF TRAVEL, AND "RETURN" ON EACH SIDE OF ALL SPLICES AND TRANSFORMERS.
5. LABEL LOOP CONDUCTORS WITH CIRCUIT NUMBER, DIRECTION OF TRAVEL, AND "LOOP" ON EACH SIDE OF ALL SPLICES AND TRANSFORMERS.

PRELIMINARY

STATE OF ALASKA 49TH
LUCAS SCHNELLER
EE-11399
REGISTERED PROFESSIONAL ENGINEER

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PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
ELECTRICAL DETAILS

DATE: 2/5/2018
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Designed By: LPS
Drawn By: JCA
Checked By: GRH
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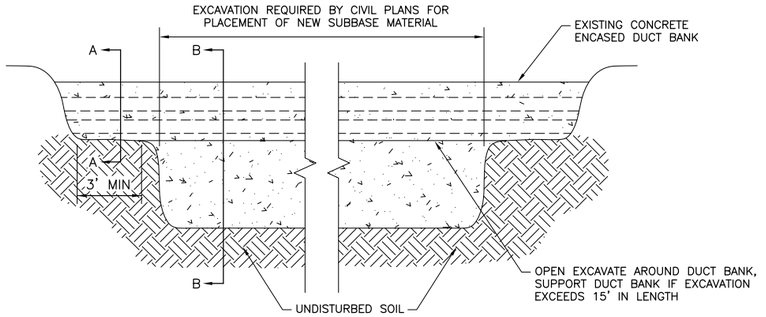

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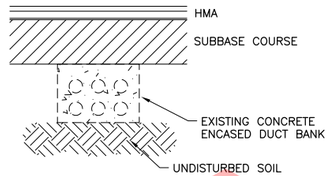
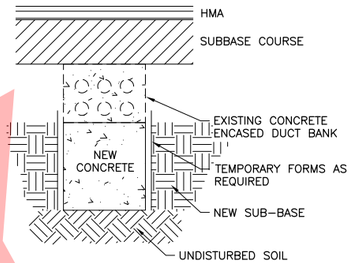


SECTION A–A



SECTION B–B

1 / E25 EXISTING CONCRETE ENCASED DUCT BANK DETAILS

NTS

RUNWAY 15–33 REGULATOR SWITCHGEAR									
SPARE 70kW (1)	R–2 50kW	SPARE 50kW	T–8 10kW	T–30 15kW	T–17 30kW	T–20 30kW	T–22 30kW	SPARE 30kW	SPARE 30kW	SPARE 30kW
			T–14 30kW	T–14 30kW	**R–7 15kW** (2)	T–21 30kW	T–23 30kW	FUTURE –	T–27 15kW	T–29 15kW

NOTES:
(1) EXISTING R–7 REGULATOR. LABEL AS SPARE.
(2) INSTALL NEW R–7 REGULATOR IN EXISTING EMPTY (FUTURE) SPACE.

2 / E25 REGULATOR SWITCHGEAR DIAGRAM

NTS

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AIP No. 3-02-0016-184-2017
ELECTRICAL DETAILS

DATE: 2/5/2018

SHEET: E25 OF 41

Designed By:	LPS
Drawn By:	JCA
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Date Revised:	2/05/2018, 6:19 PM
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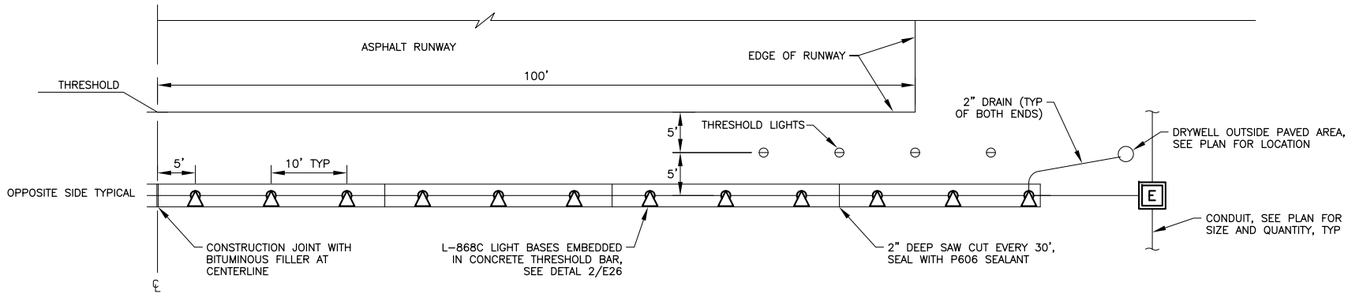
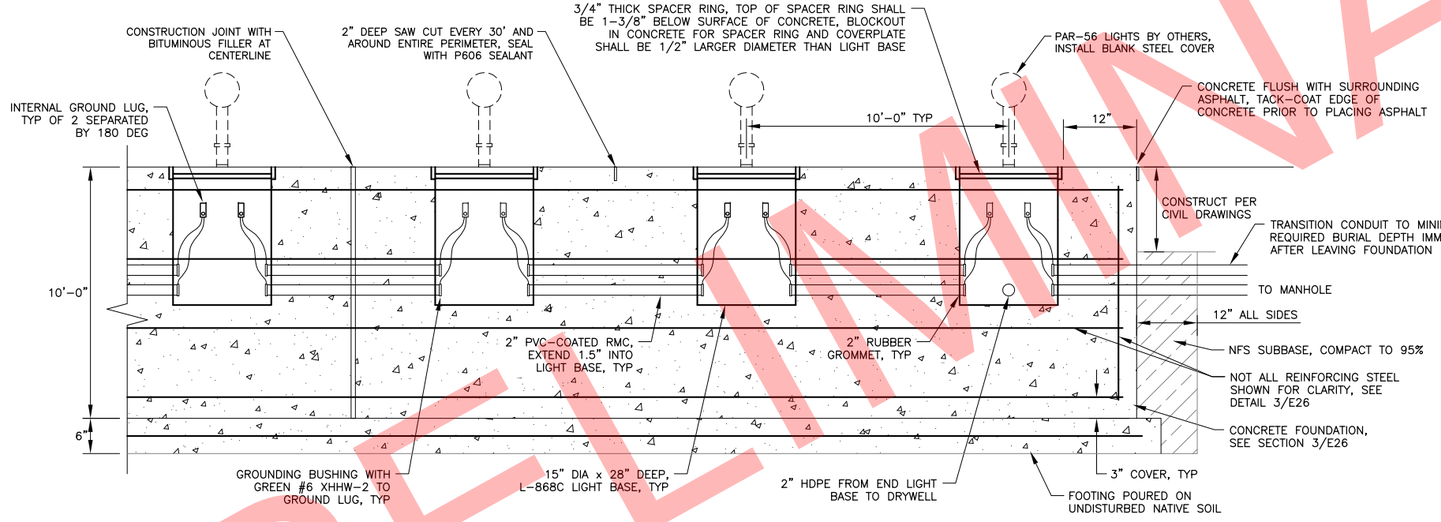


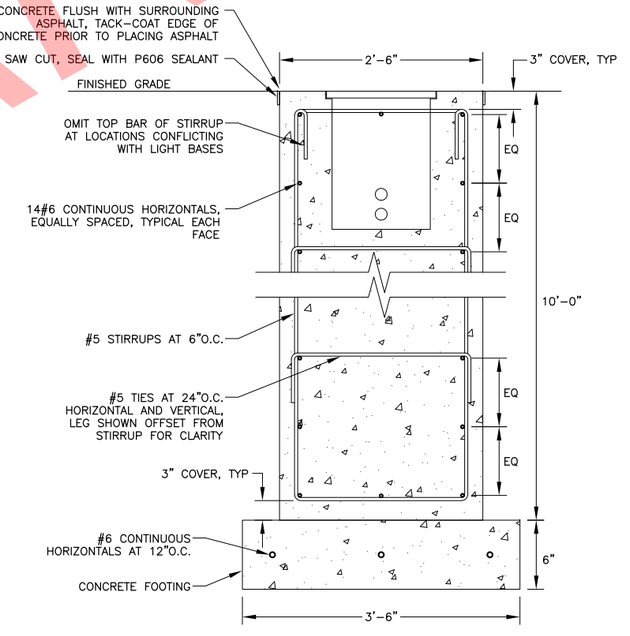
1 / E26 THRESHOLD LIGHT BAR PLAN
NTS

NOTES:

1. INSTALL CONCRETE FOUNDATION AND LIGHT BASES WITH BLANK COVERS, LIGHTS, TRANSFORMERS, AND CONDUCTORS WILL BE INSTALLED BY FAA.
2. CONCRETE, REINFORCING STEEL, INSTALLATION, AND SEALING SHALL MEET THE REQUIREMENTS OF SECTION P-610. TOP OF CONCRETE SHALL HAVE A BROOM FINISH.
3. CONCRETE SHALL BE FLUSH WITH AND FOLLOW CROWN/SLOPE OF SURROUNDING ASPHALT.
4. CONDUITS SHALL SLOPE TO DRAIN TO DRYWELLS AND MANHOLES.
5. MANHOLES AND COVERS WITHIN THE RSA SHALL BE RATED FOR AIRCRAFT LOADING.



2 / E26 THRESHOLD LIGHT BAR FOUNDATION DETAIL
NTS



3 / E26 LIGHT BASE FOUNDATION TYPICAL SECTION
NTS

PRELIMINARY

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STATE OF ALASKA
49 TH
LUCAS SCHNELLER
EE-11399
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MALSF DETAILS

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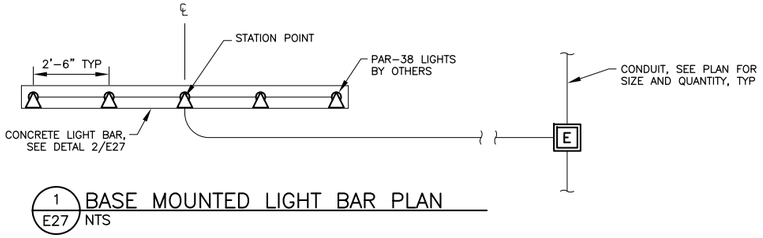
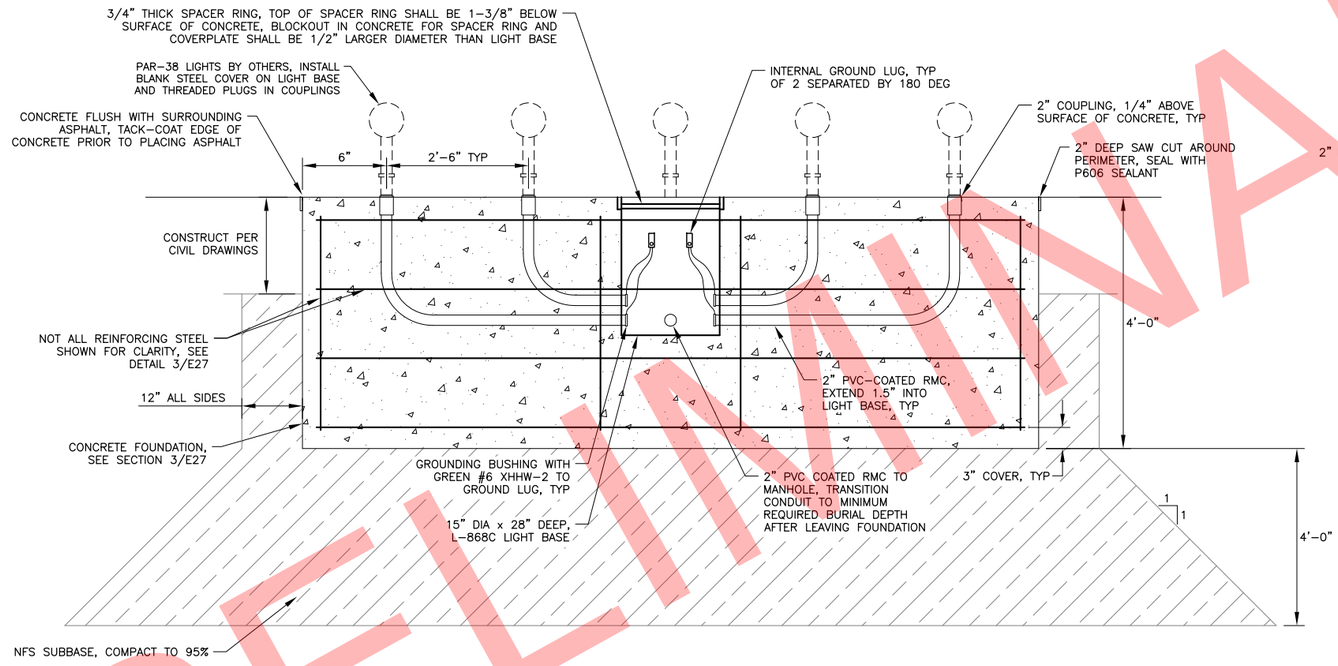


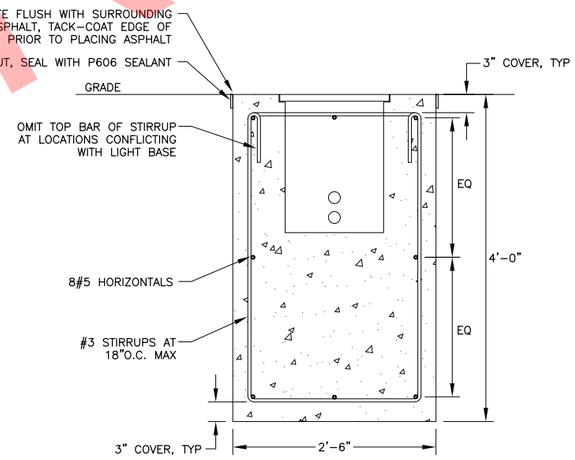
1 / E27 BASE MOUNTED LIGHT BAR PLAN
NTS

NOTES:

1. INSTALL CONCRETE FOUNDATION AND LIGHT BASES WITH BLANK COVERS. LIGHTS, TRANSFORMERS, AND CONDUCTORS WILL BE INSTALLED BY FAA.
2. CONCRETE, REINFORCING STEEL, INSTALLATION, AND SEALING SHALL MEET THE REQUIREMENTS OF SECTION P–610. TOP OF CONCRETE SHALL HAVE A BROOM FINISH.
3. CONCRETE SHALL BE FLUSH WITH AND FOLLOW CROWN/SLOPE OF SURROUNDING ASPHALT.
4. CONDUITS SHALL SLOPE TO DRAIN TO DRYWELLS AND MANHOLES.
5. MANHOLES AND COVERS WITHIN THE RSA SHALL BE RATED FOR AIRCRAFT LOADING.



2 / E27 LIGHT BAR FOUNDATION DETAIL
NTS



3 / E27 LIGHT BASE FOUNDATION TYPICAL SECTION
NTS

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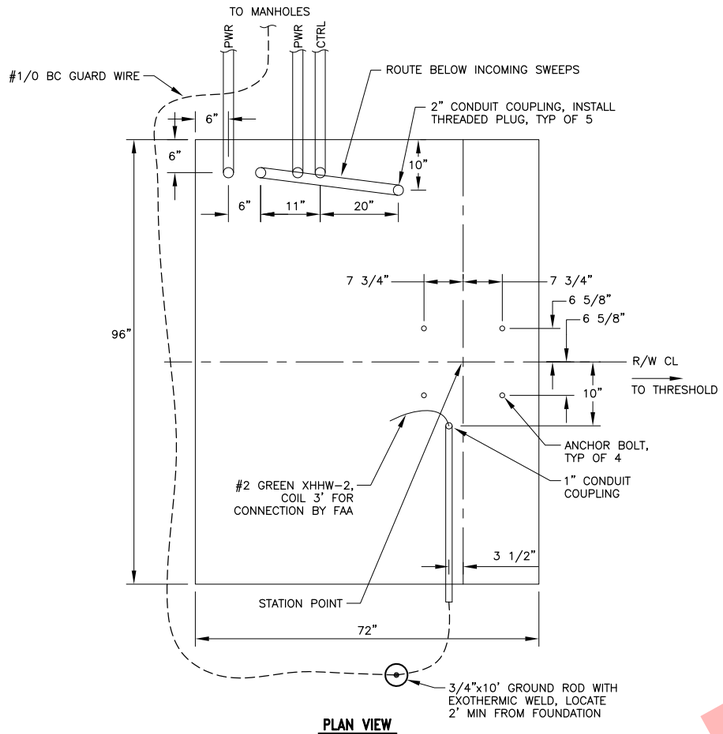
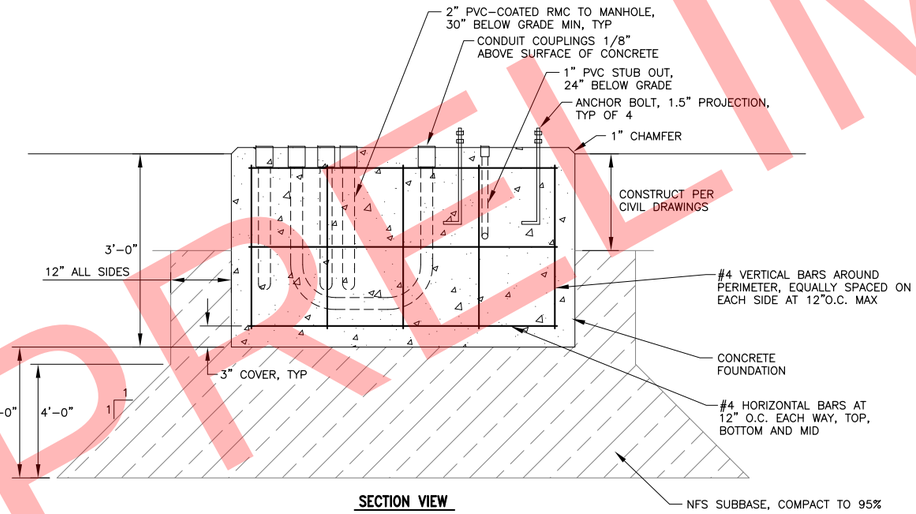
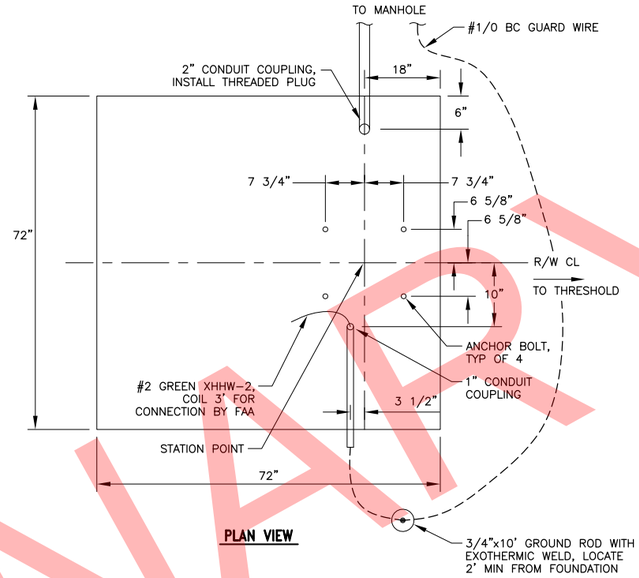


PLAN VIEW



SECTION VIEW

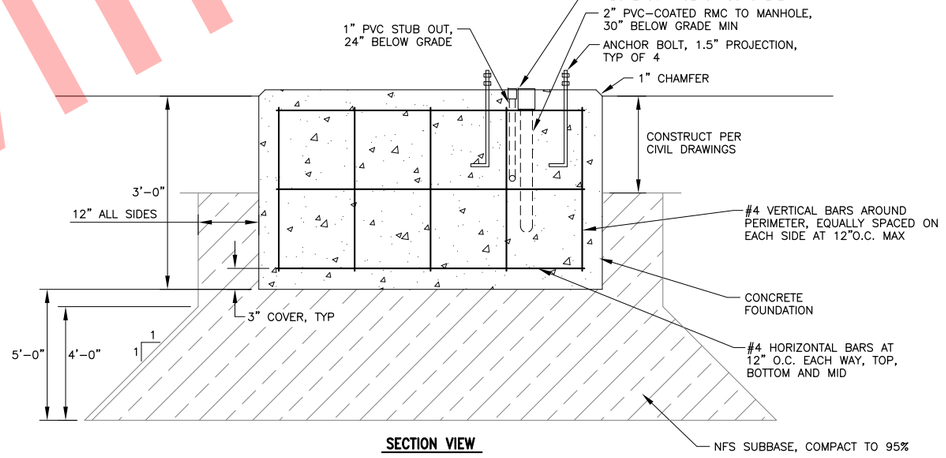
1 E28 LIGHT BAR/FLASHER TOWER FOUNDATION DETAILS
NTS — CENTER 1000FT LIGHT BAR ONLY



PLAN VIEW

NOTES:

1. INSTALL CONCRETE FOUNDATION, ANCHOR BOLTS, ANCHOR PLATE, CONDUITS, AND GROUNDING. LIGHT BARS, SUPPORT ASSEMBLIES, CONDUCTORS, AND ADDITIONAL EQUIPMENT WILL BE INSTALLED BY FAA.
2. CONCRETE, REINFORCING STEEL, INSTALLATION, AND SEALING SHALL MEET THE REQUIREMENTS OF SECTION P-610. TOP OF CONCRETE SHALL BE LEVEL ±1/16" PER FOOT AND HAVE A BROOM FINISH.
3. ANCHOR BOLTS SHALL BE 3/4" DIA, ASTM A-325 WITH 4" LEG, 14" EMBEDMENT, 1-3/4" THREAD LENGTH (8 UNC). PROVIDE ANCHOR BOLTS WITH TWO NUTS, WASHER, AND LOCK WASHER.
4. ANCHOR BOLTS AND ASSOCIATED HARDWARE SHALL BE HOT-DIP GALVANIZED. ANCHOR PLATE SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION.



SECTION VIEW

2 E28 LIGHT BAR TOWER FOUNDATION DETAILS
NTS — 400FT, 600FT, 800FT, AND OUTBOARD 1000FT LIGHT BARS

PRELIMINARY

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MALSF DETAILS

DATE: 2/5/2018
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Designed By: LPS
Drawn By: JCA
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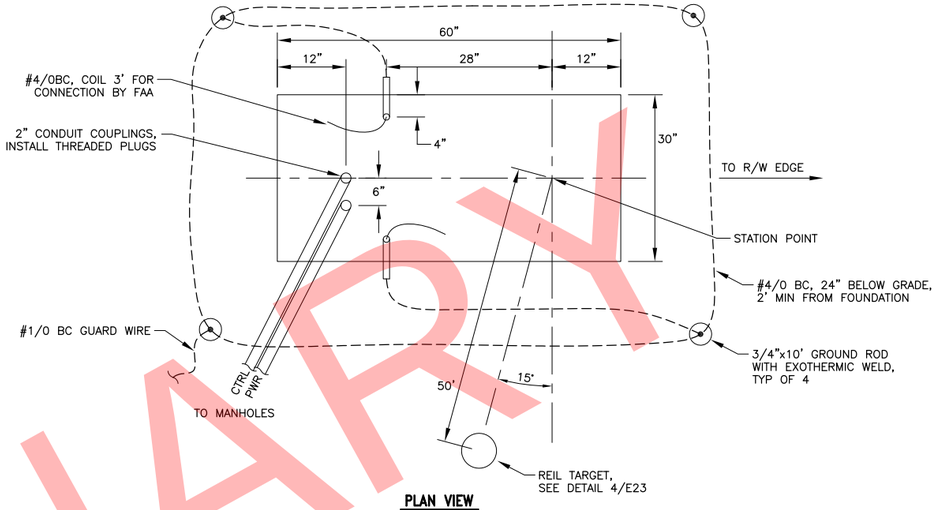
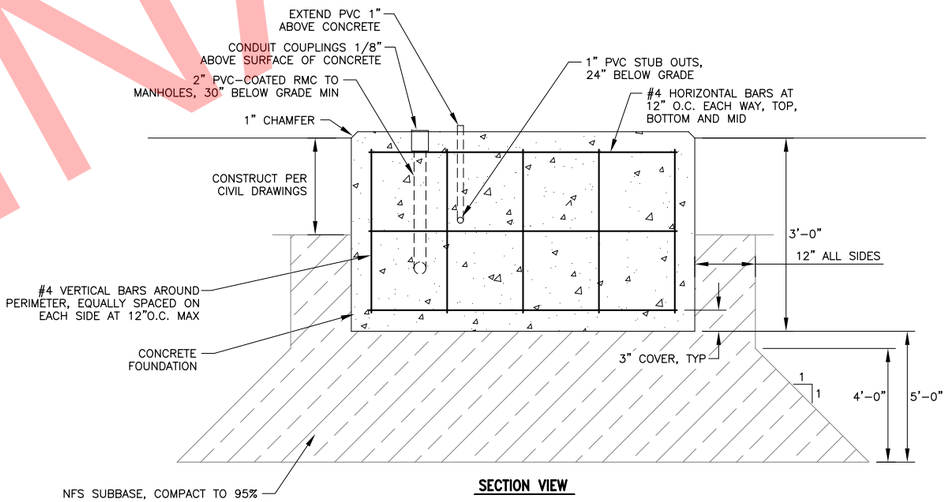


PLAN VIEW



SECTION VIEW

1 / E29 REIL FOUNDATION DETAILS

NTS — ONE REIL SHOWN, MIRROR DETAIL FOR OPPOSITE REIL

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REIL DETAILS

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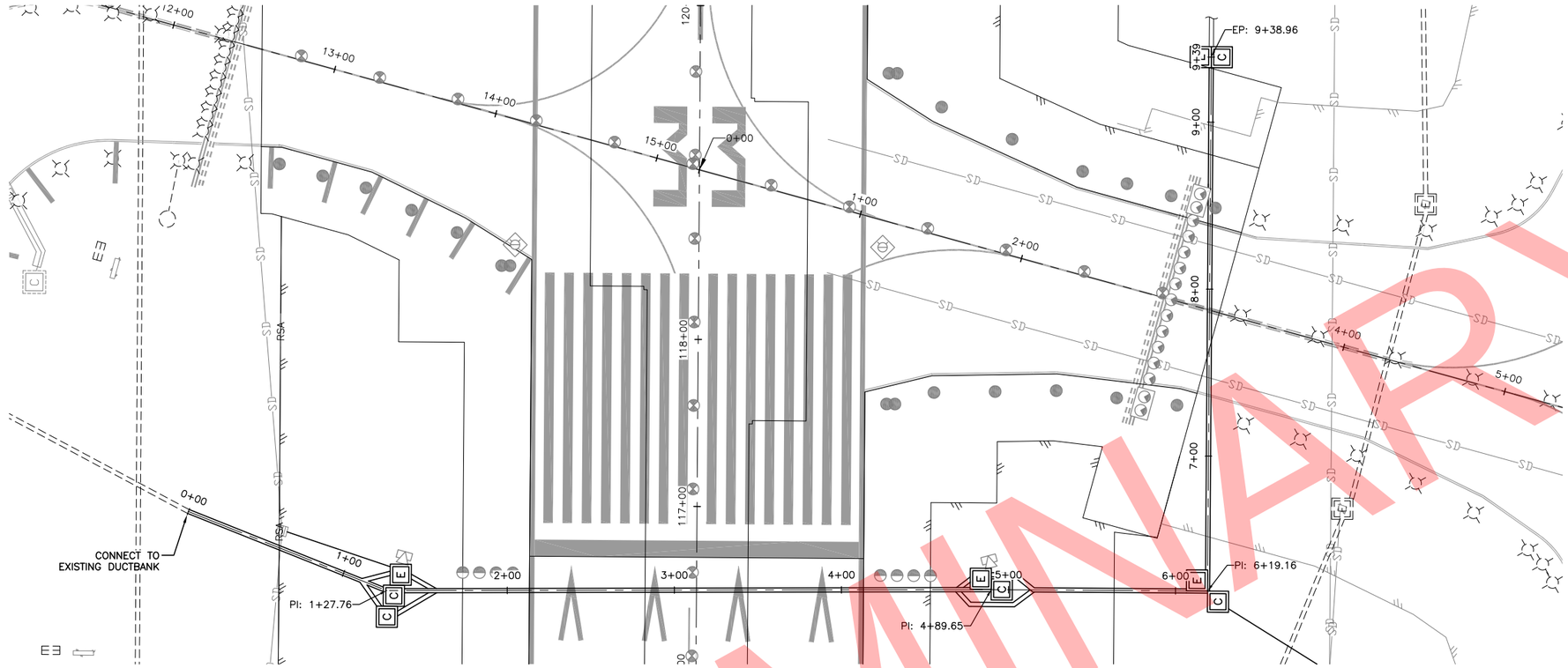
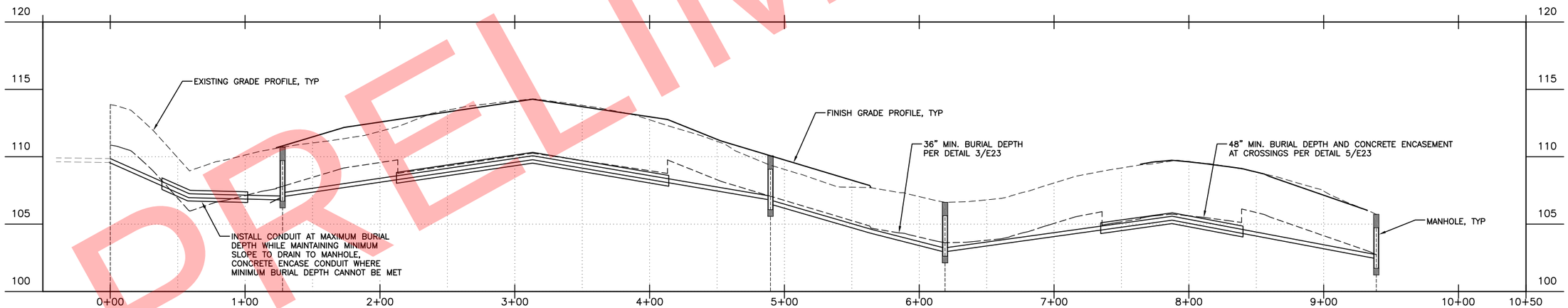


NOTE:
CONDUITS SHALL DRAIN TO MANHOLES, 0.25% MINIMUM SLOPE



PRELIMINARY

Designed By: LPS
Drawn By: JCA
Checked By: GRH

Date Revised: 2/05/2018, 6:21 PM
Layout Name: Layout
File Path and Name: U:\2046067200\drawing\E\Sheets\2046067200-ANC-E30-PnP.dwg

STATE OF ALASKA 49TH
LUCAS SCHNELLER
EE-11399
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
DUCTBANK PLAN AND PROFILE

DATE: 2/5/2018
SHEET: E30 OF 41

DEMOLITION SCHEDULE

NUM	RW 15-33 STATION	OFFSET	REMARKS
D1	111+98.7	84.9	RW END LT
D2	111+98.7	74.9	RW END LT
D3	111+98.6	64.8	RW END LT
D4	111+98.6	54.9	RW END LT
D5	111+98.3	-55.1	RW END LT
D6	111+98.3	-65.1	RW END LT
D7	111+98.2	-75.1	RW END LT
D8	111+98.3	-85.2	RW END LT
D9	112+43.6	-84.8	RW EDGE LT
D10	114+74.2	-85.0	RW THRESHOLD LT
D11	114+74.2	-94.8	RW THRESHOLD LT
D12	114+74.0	-104.7	RW THRESHOLD LT
D13	114+74.1	-115.0	RW THRESHOLD LT
D14	117+14.4	-85.0	RW EDGE LT
D15	119+66.7	-84.7	RW EDGE LT
D16	122+19.9	-84.9	RW EDGE LT
D17	124+06.3	-85.0	RW EDGE LT
D18	125+93.1	-85.0	RW EDGE LT
D19	127+79.9	-84.8	RW EDGE LT
D20	129+66.8	-84.9	RW EDGE LT
D21	131+53.3	-84.9	RW EDGE LT
D22	133+24.2	-84.8	RW EDGE LT
D23	134+94.9	-84.8	RW EDGE LT
D24	136+65.7	-84.9	RW EDGE LT
D25	138+50.1	-84.9	RW EDGE LT
D26	140+34.6	-84.8	RW EDGE LT
D27	142+18.9	-84.9	RW EDGE LT
D28	144+03.5	-85.0	RW EDGE LT
D29	145+82.7	-84.8	RW EDGE LT
D30	147+82.3	-84.8	RW EDGE LT
D31	149+81.7	-84.8	RW EDGE LT
D32	151+81.0	-84.8	RW EDGE LT
D33	153+80.4	-84.8	RW EDGE LT
D34	155+79.8	-84.8	RW EDGE LT
D35	157+79.2	-84.8	RW EDGE LT
D36	159+78.5	-84.8	RW EDGE LT
D37	161+77.9	-84.8	RW EDGE LT
D38	163+77.3	-84.8	RW EDGE LT
D39	165+76.7	-84.8	RW EDGE LT
D40	167+76.0	-84.9	RW EDGE LT
D41	170+24.0	-84.7	RW EDGE LT
D42	172+68.2	-84.9	RW EDGE LT
D43	174+59.6	-84.8	RW EDGE LT
D44	176+51.0	-84.8	RW EDGE LT
D45	178+42.4	-84.8	RW EDGE LT
D46	180+33.8	-84.8	RW EDGE LT
D47	182+25.2	-84.8	RW EDGE LT
D48	184+16.4	-84.8	RW EDGE LT
D49	186+64.6	-84.8	RW EDGE LT
D50	189+08.6	-84.9	RW EDGE LT
D51	191+01.2	-84.8	RW EDGE LT
D52	192+93.7	-84.8	RW EDGE LT
D53	194+86.3	-84.8	RW EDGE LT
D54	196+78.8	-84.8	RW EDGE LT
D55	198+71.3	-84.8	RW EDGE LT
D56	200+63.9	-85.1	RW EDGE LT
D57	203+11.9	-85.0	RW EDGE LT
D58	205+55.6	-85.1	RW EDGE LT
D59	207+37.8	-84.8	RW EDGE LT
D60	209+19.4	-85.1	RW EDGE LT

DEMOLITION SCHEDULE (CONT)

NUM	RW 15-33 STATION	OFFSET	REMARKS
D61	211+01.3	-85.1	RW EDGE LT
D62	212+83.3	-85.1	RW EDGE LT
D63	214+64.9	-85.1	RW EDGE LT
D64	217+21.9	-85.0	RW EDGE LT
D65	219+78.8	-115.0	RW THRESHOLD LT
D66	219+78.8	-105.0	RW THRESHOLD LT
D67	219+78.8	-95.1	RW THRESHOLD LT
D68	219+78.9	-85.2	RW THRESHOLD LT
D69	221+78.8	-115.0	RW END LT
D70	221+78.8	-105.2	RW END LT
D71	221+78.8	-95.1	RW END LT
D72	221+78.9	-84.8	RW END LT
D73	221+78.8	84.8	RW END LT
D74	221+78.7	94.9	RW END LT
D75	221+78.6	104.9	RW END LT
D76	221+78.7	115.0	RW END LT
D77	219+78.8	84.9	RW THRESHOLD LT
D78	219+79.0	94.8	RW THRESHOLD LT
D79	219+79.0	104.7	RW THRESHOLD LT
D80	219+78.8	114.7	RW THRESHOLD LT
D81	217+22.1	84.9	RW EDGE LT
D82	214+65.2	85.1	RW EDGE LT
D83	212+83.3	84.9	RW EDGE LT
D84	211+01.5	84.9	RW EDGE LT
D85	209+19.6	84.9	RW EDGE LT
D86	207+37.8	84.9	RW EDGE LT
D87	205+55.8	84.9	RW EDGE LT
D88	203+11.8	85.0	RW EDGE LT
D89	200+63.7	85.0	RW EDGE LT
D90	198+71.3	84.9	RW EDGE LT
D91	196+78.8	84.9	RW EDGE LT
D92	194+86.3	84.9	RW EDGE LT
D93	192+93.7	84.9	RW EDGE LT
D94	191+01.2	84.9	RW EDGE LT
D95	189+08.4	85.1	RW EDGE LT
D96	186+64.6	85.0	RW EDGE LT
D97	184+16.5	85.0	RW EDGE LT
D98	182+25.2	84.9	RW EDGE LT
D99	180+33.8	84.9	RW EDGE LT
D100	178+42.4	84.9	RW EDGE LT
D101	176+51.0	84.9	RW EDGE LT
D102	174+59.6	84.9	RW EDGE LT
D103	172+68.0	85.1	RW EDGE LT
D104	170+24.1	84.9	RW EDGE LT
D105	167+75.9	85.0	RW EDGE LT
D106	165+76.7	84.9	RW EDGE LT
D107	163+77.3	84.9	RW EDGE LT
D108	161+77.9	84.9	RW EDGE LT
D109	159+78.5	84.9	RW EDGE LT
D110	157+79.2	84.9	RW EDGE LT
D111	155+79.8	84.9	RW EDGE LT
D112	153+80.4	84.9	RW EDGE LT
D113	151+81.0	84.9	RW EDGE LT
D114	149+81.7	84.9	RW EDGE LT
D115	147+82.3	84.9	RW EDGE LT
D116	145+82.8	85.0	RW EDGE LT
D117	144+03.4	85.0	RW EDGE LT
D118	142+19.0	85.0	RW EDGE LT
D119	140+34.5	85.0	RW EDGE LT
D120	138+50.0	85.0	RW EDGE LT

DEMOLITION SCHEDULE (CONT)

NUM	RW 15-33 STATION	OFFSET	REMARKS
D121	136+65.7	84.9	RW EDGE LT
D122	134+95.0	84.8	RW EDGE LT
D123	133+24.2	84.9	RW EDGE LT
D124	131+53.5	85.0	RW EDGE LT
D125	129+66.7	84.8	RW EDGE LT
D126	127+79.9	84.8	RW EDGE LT
D127	125+93.2	85.1	RW EDGE LT
D128	124+06.0	85.1	RW EDGE LT
D129	122+19.3	85.1	RW EDGE LT
D130	120+64.8	84.8	RW EDGE LT
D131	118+35.2	84.9	RW EDGE LT
D132	116+05.6	85.0	RW EDGE LT
D133	114+74.1	84.9	RW THRESHOLD LT
D134	114+74.1	94.7	RW THRESHOLD LT
D135	114+74.2	105.0	RW THRESHOLD LT
D136	114+74.2	115.1	RW THRESHOLD LT
D137	112+50.5	-1.9	RW EDGE LT
D138	113+00.4	-1.9	RW CENTERLINE LT
D139	113+50.5	-1.9	RW CENTERLINE LT
D140	114+00.5	-2.0	RW CENTERLINE LT
D141	114+50.4	-2.0	RW CENTERLINE LT
D142	115+00.5	-2.0	RW CENTERLINE LT
D143	115+50.4	-1.9	RW CENTERLINE LT
D144	116+00.5	-1.9	RW CENTERLINE LT
D145	116+50.5	-1.9	RW CENTERLINE LT
D146	117+00.5	-2.0	RW CENTERLINE LT
D147	117+50.5	-2.0	RW CENTERLINE LT
D148	118+00.4	-1.9	RW CENTERLINE LT
D149	118+50.5	-2.0	RW CENTERLINE LT
D150	119+00.4	-2.0	RW CENTERLINE LT
D151	119+50.5	-1.9	RW CENTERLINE LT
D152	120+00.5	-1.9	RW CENTERLINE LT
D153	120+50.5	-1.9	RW CENTERLINE LT
D154	121+00.4	-2.0	RW CENTERLINE LT
D155	121+50.5	-1.9	RW CENTERLINE LT
D156	122+00.5	-2.0	RW CENTERLINE LT
D157	122+50.5	-2.0	RW CENTERLINE LT
D158	123+00.5	-2.0	RW CENTERLINE LT
D159	123+50.4	-2.0	RW CENTERLINE LT
D160	124+00.4	-2.0	RW CENTERLINE LT
D161	124+50.5	-2.0	RW CENTERLINE LT
D162	125+00.4	-2.0	RW CENTERLINE LT
D163	125+50.5	-2.0	RW CENTERLINE LT
D164	126+00.5	-2.0	RW CENTERLINE LT
D165	126+50.5	-2.0	RW CENTERLINE LT
D166	127+00.5	-1.9	RW CENTERLINE LT
D167	127+50.5	-2.0	RW CENTERLINE LT
D168	128+00.5	-2.0	RW CENTERLINE LT
D169	128+50.4	-2.0	RW CENTERLINE LT
D170	129+00.4	-2.0	RW CENTERLINE LT
D171	129+50.4	-2.0	RW CENTERLINE LT
D172	130+00.4	-2.0	RW CENTERLINE LT
D173	130+50.4	-1.9	RW CENTERLINE LT
D174	131+00.4	-2.0	RW CENTERLINE LT
D175	131+50.3	-1.9	RW CENTERLINE LT
D176	132+00.4	-1.8	RW CENTERLINE LT
D177	132+50.4	-1.9	RW CENTERLINE LT
D178	133+00.5	-2.0	RW CENTERLINE LT
D179	133+50.4	-2.0	RW CENTERLINE LT
D180	134+00.4	-2.0	RW CENTERLINE LT

DEMOLITION SCHEDULE (CONT)

NUM	RW 15-33 STATION	OFFSET	REMARKS
D181	134+50.4	-1.9	RW CENTERLINE LT
D182	135+00.4	-1.8	RW CENTERLINE LT
D183	135+50.4	-1.9	RW CENTERLINE LT
D184	136+00.4	-1.9	RW CENTERLINE LT
D185	136+50.5	-2.0	RW CENTERLINE LT
D186	137+00.5	-2.0	RW CENTERLINE LT
D187	137+50.5	-2.0	RW CENTERLINE LT
D188	138+00.5	-2.1	RW CENTERLINE LT
D189	138+50.4	-2.0	RW CENTERLINE LT
D190	139+00.5	-2.0	RW CENTERLINE LT
D191	139+50.5	-2.0	RW CENTERLINE LT
D192	140+00.4	-2.0	RW CENTERLINE LT
D193	140+50.5	-2.0	RW CENTERLINE LT
D194	141+00.4	-2.0	RW CENTERLINE LT
D195	141+50.5	-2.0	RW CENTERLINE LT
D196	142+00.4	-2.0	RW CENTERLINE LT
D197	142+50.6	-2.0	RW CENTERLINE LT
D198	143+00.5	-2.0	RW CENTERLINE LT
D199	143+50.5	-2.1	RW CENTERLINE LT
D200	144+00.4	-2.1	RW CENTERLINE LT
D201	144+50.5	-2.0	RW CENTERLINE LT
D202	145+00.5	-2.0	RW CENTERLINE LT
D203	145+50.4	-2.1	RW CENTERLINE LT
D204	146+00.5	-2.0	RW CENTERLINE LT
D205	146+50.5	-2.1	RW CENTERLINE LT
D206	147+00.5	-2.0	RW CENTERLINE LT
D207	147+50.5	-2.0	RW CENTERLINE LT
D208	148+00.5	-2.0	RW CENTERLINE LT
D209	148+50.5	-2.0	RW CENTERLINE LT
D210	149+00.5	-2.0	RW CENTERLINE LT
D211	149+50.4	-2.0	RW CENTERLINE LT
D212	150+00.5	-2.0	RW CENTERLINE LT
D213	150+50.5	-2.1	RW CENTERLINE LT
D214	151+00.5	-2.0	RW CENTERLINE LT
D215	151+50.5	-2.1	RW CENTERLINE LT
D216	152+00.5	-2.0	RW CENTERLINE LT
D217	152+50.5	-2.0	RW CENTERLINE LT
D218	153+00.5	-2.0	RW CENTERLINE LT
D219	153+50.5	-2.1	RW CENTERLINE LT
D220	154+00.5	-2.1	RW CENTERLINE LT
D221	154+50.5	-2.1	RW CENTERLINE LT
D222	155+00.3	-2.1	RW CENTERLINE LT
D223	155+50.4	-2.1	RW CENTERLINE LT
D224	156+00.3	-1.9	RW CENTERLINE LT
D225	156+50.4	-2.0	RW CENTERLINE LT
D226	157+00.4	-2.0	RW CENTERLINE LT
D227	157+50.3	-2.0	RW CENTERLINE LT
D228	158+00.4	-2.1	RW CENTERLINE LT
D229	158+50.4	-2.1	RW CENTERLINE LT
D230	159+00.4	-2.0	RW CENTERLINE LT
D231	159+50.4	-2.0	RW CENTERLINE LT
D232	160+00.4	-2.0	RW CENTERLINE LT
D233	160+50.4	-2.0	RW CENTERLINE LT
D234	161+00.4	-2.0	RW CENTERLINE LT
D235	161+50.4	-2.0	RW CENTERLINE LT
D236	162+00.4	-2.0	RW CENTERLINE LT
D237	162+50.4	-2.0	RW CENTERLINE LT
D238	163+00.4	-2.0	RW CENTERLINE LT
D239	163+50.4	-2.0	RW CENTERLINE LT
D240	164+00.4	-2.0	RW CENTERLINE LT

DEMOLITION SCHEDULE (CONT)

NUM	RW 15-33 STATION	OFFSET	REMARKS
D241	164+50.4	-2.0	RW CENTERLINE LT
D242	165+00.4	-2.0	RW CENTERLINE LT
D243	165+50.4	-2.0	RW CENTERLINE LT
D244	166+00.4	-2.0	RW CENTERLINE LT
D245	166+50.4	-2.0	RW CENTERLINE LT
D246	167+00.4	-2.0	RW CENTERLINE LT
D247	167+50.4	-1.9	RW CENTERLINE LT
D248	168+00.3	-2.0	RW CENTERLINE LT
D249	168+50.4	-2.0	RW CENTERLINE LT
D250	169+00.3	-2.0	RW CENTERLINE LT
D251	169+50.3	-2.0	RW CENTERLINE LT
D252	170+00.3	-1.8	RW CENTERLINE LT
D253	170+50.4	-2.1	RW CENTERLINE LT
D254	171+00.4	-2.0	RW CENTERLINE LT
D255	171+50.6	-1.9	RW CENTERLINE LT
D256	172+00.4	-2.1	RW CENTERLINE LT
D257	172+50.3	-2.0	RW CENTERLINE LT
D258	173+00.4	-2.0	RW CENTERLINE LT
D259	173+50.4	-2.1	RW CENTERLINE LT
D260	174+00.4	-2.1	RW CENTERLINE LT
D261	174+50.4	-2.1	RW CENTERLINE LT
D262	175+00.3	-2.1	RW CENTERLINE LT
D263	175+50.3	-2.1	RW CENTERLINE LT
D264	176+00.4	-2.0	RW CENTERLINE LT
D265	176+50.3	-2.1	RW CENTERLINE LT
D266	177+00.3	-2.1	RW CENTERLINE LT
D267	177+50.3	-2.1	RW CENTERLINE LT
D268	178+00.3	-2.1	RW CENTERLINE LT
D269	178+50.3	-2.1	RW CENTERLINE LT
D270	179+00.3	-2.1	RW CENTERLINE LT
D271	179+50.3	-2.1	RW CENTERLINE LT
D272	180+00.3	-2.1	RW CENTERLINE LT
D273	180+50.3	-2.0	RW CENTERLINE LT
D274	181+00.3	-2.1	RW CENTERLINE LT
D275	181+50.2	-2.1	RW CENTERLINE LT
D276	182+00.3	-2.1	RW CENTERLINE LT
D277	182+50.3	-2.1	RW CENTERLINE LT
D278	183+00.3	-2.1	RW CENTERLINE LT
D279	183+50.3	-2.1	RW CENTERLINE LT
D280	184+00.3	-2.2	RW CENTERLINE LT
D281	184+50.4	-2.1	RW CENTERLINE LT
D282	185+00.4	-2.2	RW CENTERLINE LT
D283	185+50.3	-2.1	RW CENTERLINE LT
D284	186+00.4	-2.1	RW CENTERLINE LT
D285	186+50.4	-2.1	RW CENTERLINE LT
D286	187+00.3	-2.1	RW CENTERLINE LT
D287	187+50.3	-2.2	RW CENTERLINE LT
D288	188+00.3	-2.1	RW CENTERLINE LT
D289	188+50.4	-2.2	RW CENTERLINE LT
D290	189+00.4	-2.2	RW CENTERLINE LT
D291	189+50.4	-2.2	RW CENTERLINE LT
D292	190+00.3	-2.2	RW CENTERLINE LT
D293	190+50.3	-2.2	RW CENTERLINE LT
D294	191+00.3	-2.2	RW CENTERLINE LT
D295	191+50.3	-2.3	RW CENTERLINE LT
D296	192+00.4	-2.1	RW CENTERLINE LT
D297	192+50.3	-2.2	RW CENTERLINE LT
D298	193+00.3	-2.1	RW CENTERLINE LT
D299	193+50.3	-2.2	RW CENTERLINE LT
D300	194+00.4	-2.2	RW CENTERLINE LT

PRELIMINARY

Designed By: LPS
Drawn By: JCA
Checked By: GRH

Date Revised: 2/05/2018, 6:22 PM
Layout Name: E31
File Path and Name: U:\2046067200\drawing\E\Sheets\2046067200-ANC-E31-E35_excel Schedules.dwg

STATE OF ALASKA
49 TH
LUCAS SCHNELLER
EE-11399
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
ELECTRICAL DEMOLITION SCHEDULES

DATE: 2/5/2018
SHEET: E31 OF 41

DEMOLITION SCHEDULE (CONT)

NUM	RW 15–33 STATION	OFFSET	REMARKS
D301	194+50.3	−2.2	RW CENTERLINE LT
D302	195+00.3	−2.2	RW CENTERLINE LT
D303	195+50.3	−2.1	RW CENTERLINE LT
D304	196+00.3	−2.1	RW CENTERLINE LT
D305	196+50.3	−2.2	RW CENTERLINE LT
D306	197+00.4	−2.1	RW CENTERLINE LT
D307	197+50.3	−2.2	RW CENTERLINE LT
D308	198+00.3	−2.2	RW CENTERLINE LT
D309	198+50.3	−2.2	RW CENTERLINE LT
D310	199+00.3	−2.2	RW CENTERLINE LT
D311	199+50.2	−2.2	RW CENTERLINE LT
D312	200+00.2	−2.1	RW CENTERLINE LT
D313	200+50.4	−2.2	RW CENTERLINE LT
D314	201+00.2	−2.1	RW CENTERLINE LT
D315	201+50.3	−2.1	RW CENTERLINE LT
D316	202+00.3	−2.2	RW CENTERLINE LT
D317	202+50.2	−2.2	RW CENTERLINE LT
D318	203+00.2	−2.2	RW CENTERLINE LT
D319	203+50.3	−2.2	RW CENTERLINE LT
D320	204+00.3	−2.2	RW CENTERLINE LT
D321	204+50.2	−2.2	RW CENTERLINE LT
D322	205+00.2	−2.2	RW CENTERLINE LT
D323	205+50.2	−2.2	RW CENTERLINE LT
D324	206+00.3	−2.2	RW CENTERLINE LT
D325	206+50.2	−2.2	RW CENTERLINE LT
D326	207+00.3	−2.2	RW CENTERLINE LT
D327	207+50.3	−2.2	RW CENTERLINE LT
D328	208+00.2	−2.2	RW CENTERLINE LT
D329	208+50.3	−2.2	RW CENTERLINE LT
D330	209+00.2	−2.2	RW CENTERLINE LT
D331	209+50.3	−2.2	RW CENTERLINE LT
D332	210+00.3	−2.2	RW CENTERLINE LT
D333	210+50.3	−2.2	RW CENTERLINE LT
D334	211+00.3	−2.2	RW CENTERLINE LT
D335	211+50.3	−2.3	RW CENTERLINE LT
D336	212+00.3	−2.3	RW CENTERLINE LT
D337	212+50.4	−2.2	RW CENTERLINE LT
D338	213+00.3	−2.2	RW CENTERLINE LT
D339	213+50.2	−2.2	RW CENTERLINE LT
D340	214+00.2	−2.2	RW CENTERLINE LT
D341	214+50.4	−2.1	RW CENTERLINE LT
D342	215+00.4	−2.1	RW CENTERLINE LT
D343	215+50.4	−2.1	RW CENTERLINE LT
D344	216+00.4	−2.1	RW CENTERLINE LT
D345	216+50.4	−2.1	RW CENTERLINE LT
D346	217+00.3	−2.1	RW CENTERLINE LT
D347	217+50.4	−2.2	RW CENTERLINE LT
D348	218+00.5	−2.1	RW CENTERLINE LT
D349	218+50.4	−2.1	RW CENTERLINE LT
D350	219+00.4	−2.1	RW CENTERLINE LT
D351	112+43.7	−87.8	TW EDGE LT
D352	112+43.8	−92.7	TW EDGE LT
D353	112+68.7	−181.0	TW EDGE LT
D354	112+92.8	−273.3	TW EDGE LT
D355	112+80.1	−321.3	TW EDGE LT
D356			NOT USED
D357	114+28.5	−246.1	TW EDGE LT
D358	114+15.2	−193.5	TW EDGE LT
D359	114+24.5	−147.7	TW EDGE LT
D360	114+42.4	−118.3	TW EDGE LT

DEMOLITION SCHEDULE (CONT)

NUM	RW 15–33 STATION	OFFSET	REMARKS
D361	117+14.7	−92.9	TW EDGE LT, NOTE 1
D362	117+14.5	−88.0	TW EDGE LT, NOTE 1
D363	117+71.5	−89.4	TW EDGE LT, NOTE 1
D364	118+16.7	−124.3	TW EDGE LT, NOTE 1
D365	118+61.0	−182.1	TW EDGE LT, NOTE 1
D366	118+85.8	−239.6	TW EDGE LT, NOTE 1
D367	119+61.7	−214.8	TW CENTERLINE LT
D368	119+45.7	−155.5	TW CENTERLINE LT
D369	119+29.7	−95.9	TW CENTERLINE LT
D370	120+53.6	−229.7	TW EDGE LT, NOTE 1
D371	120+66.6	−183.7	TW EDGE LT, NOTE 1
D372	120+92.4	−143.0	TW EDGE LT, NOTE 1
D373	121+28.5	−111.5	TW EDGE LT, NOTE 1
D374	121+72.1	−91.6	TW EDGE LT, NOTE 1
D375	122+19.9	−87.8	TW EDGE LT, NOTE 1
D376	122+20.9	−92.2	TW EDGE LT, NOTE 1
D377	131+53.2	−92.6	TW EDGE LT, NOTE 1
D378	131+53.4	−87.8	TW EDGE LT, NOTE 1
D379	131+66.9	−95.3	TW EDGE LT, NOTE 1
D380	131+60.5	−111.2	TW EDGE LT, NOTE 1
D381	131+17.9	−135.8	TW EDGE LT, NOTE 1
D382	130+69.2	−163.7	TW EDGE LT, NOTE 1
D383	129+77.9	−216.6	TW EDGE LT, NOTE 1
D384	130+48.2	−246.5	TW CENTERLINE LT
D385	130+81.8	−227.3	TW CENTERLINE LT
D386	131+14.5	−208.4	TW CENTERLINE LT
D387	131+59.7	−187.2	TW CENTERLINE LT
D388	132+05.3	−166.5	TW CENTERLINE LT
D389	132+51.6	−147.3	TW CENTERLINE LT
D390	132+98.3	−129.6	TW CENTERLINE LT
D391	133+45.7	−113.4	TW CENTERLINE LT
D392	133+93.4	−98.5	TW CENTERLINE LT
D393	134+41.6	−85.2	TW CENTERLINE LT
D394	134+90.1	−73.0	TW CENTERLINE LT
D395	135+38.8	−62.0	TW CENTERLINE LT
D396	135+87.9	−52.3	TW CENTERLINE LT
D397	136+37.1	−43.7	TW CENTERLINE LT
D398	136+86.5	−36.1	TW CENTERLINE LT
D399	137+36.2	−29.5	TW CENTERLINE LT
D400	137+85.6	−23.8	TW CENTERLINE LT
D401	138+35.5	−18.9	TW CENTERLINE LT
D402	138+85.4	−14.9	TW CENTERLINE LT
D403	139+35.3	−11.4	TW CENTERLINE LT
D404	139+85.1	−8.6	TW CENTERLINE LT
D405	140+35.2	−7.4	TW CENTERLINE LT
D406	140+85.2	−7.4	TW CENTERLINE LT
D407	141+35.2	−7.4	TW CENTERLINE LT
D408	141+85.1	−7.4	TW CENTERLINE LT
D409	142+35.2	−7.5	TW CENTERLINE LT
D410	142+85.1	−7.5	TW CENTERLINE LT
D411	143+35.2	−7.4	TW CENTERLINE LT
D412	143+85.1	−7.4	TW CENTERLINE LT
D413	144+35.2	−7.4	TW CENTERLINE LT
D414	144+85.1	−7.4	TW CENTERLINE LT
D415	145+35.2	−7.4	TW CENTERLINE LT
D416	132+61.2	−232.7	TW EDGE LT, NOTE 1
D417	133+07.0	−214.7	TW EDGE LT, NOTE 1
D418	134+43.8	−170.5	TW EDGE LT, NOTE 1
D419	136+32.3	−128.4	TW EDGE LT, NOTE 1
D420	138+24.2	−103.4	TW EDGE LT, NOTE 1

DEMOLITION SCHEDULE (CONT)

NUM	RW 15–33 STATION	OFFSET	REMARKS
D421	140+16.7	−90.4	TW EDGE LT, NOTE 1
D422	142+10.1	−85.6	TW EDGE LT, NOTE 1
D423	143+54.0	−85.1	TW EDGE LT, NOTE 1
D424	144+03.5	−87.9	TW EDGE LT, NOTE 1
D425	144+03.6	−92.8	TW EDGE LT, NOTE 1
D426	167+76.0	−92.8	TW EDGE LT, NOTE 1
D427	167+76.0	−87.9	TW EDGE LT, NOTE 1
D428	168+23.2	−92.3	TW EDGE LT, NOTE 1
D429	168+65.7	−113.9	TW EDGE LT, NOTE 1
D430	168+99.5	−147.9	TW EDGE LT, NOTE 1
D431	169+21.0	−190.6	TW EDGE LT, NOTE 1
D432	169+28.4	−237.3	TW EDGE LT, NOTE 1
D433	170+20.0	−226.9	TW CENTERLINE LT
D434	170+20.0	−156.1	TW CENTERLINE LT
D435	170+20.0	−85.3	TW CENTERLINE LT
D436	171+15.6	−237.4	TW EDGE LT, NOTE 1
D437	171+23.1	−190.2	TW EDGE LT, NOTE 1
D438	171+44.7	−147.7	TW EDGE LT, NOTE 1
D439	171+78.5	−113.9	TW EDGE LT, NOTE 1
D440	172+21.0	−92.3	TW EDGE LT, NOTE 1
D441	172+67.9	−88.0	TW EDGE LT, NOTE 1
D442	172+68.0	−92.8	TW EDGE LT, NOTE 1
D443	184+16.4	−92.8	TW EDGE LT, NOTE 1
D444	184+16.4	−87.8	TW EDGE LT, NOTE 1
D445	184+63.6	−92.5	TW EDGE LT, NOTE 1
D446	185+06.0	−114.1	TW EDGE LT, NOTE 1
D447	185+40.0	−147.8	TW EDGE LT, NOTE 1
D448	185+61.5	−190.2	TW EDGE LT, NOTE 1
D449	185+68.9	−237.3	TW EDGE LT, NOTE 1
D450	186+60.5	−227.0	TW CENTERLINE LT
D451	186+60.5	−156.1	TW CENTERLINE LT
D452	186+60.5	−85.3	TW CENTERLINE LT
D453	187+56.1	−237.4	TW EDGE LT, NOTE 1
D454	187+63.5	−190.2	TW EDGE LT, NOTE 1
D455	187+85.3	−147.7	TW EDGE LT, NOTE 1
D456	188+19.0	−113.9	TW EDGE LT, NOTE 1
D457	188+61.4	−92.3	TW EDGE LT, NOTE 1
D458	189+08.5	−87.9	TW EDGE LT, NOTE 1
D459	189+08.6	−92.7	TW EDGE LT, NOTE 1
D460	200+64.0	−93.0	TW EDGE LT, NOTE 1
D461	200+63.6	−88.0	TW EDGE LT, NOTE 1
D462	201+11.1	−92.5	TW EDGE LT, NOTE 1
D463	201+53.4	−114.1	TW EDGE LT, NOTE 1
D464	201+87.0	−147.7	TW EDGE LT, NOTE 1
D465	202+08.7	−190.2	TW EDGE LT, NOTE 1
D466	202+16.3	−237.4	TW EDGE LT, NOTE 1
D467	203+07.7	−240.7	TW CENTERLINE LT
D468	203+07.8	−190.4	TW CENTERLINE LT
D469	203+07.7	−140.2	TW CENTERLINE LT
D470	203+07.7	−89.8	TW CENTERLINE LT
D471	204+03.4	−237.5	TW EDGE LT, NOTE 1
D472	204+10.8	−190.4	TW EDGE LT, NOTE 1
D473	204+32.6	−147.9	TW EDGE LT, NOTE 1
D474	204+66.3	−114.1	TW EDGE LT, NOTE 1
D475	205+08.7	−92.5	TW EDGE LT, NOTE 1
D476	205+55.9	−87.9	TW EDGE LT, NOTE 1
D477	205+55.6	−92.9	TW EDGE LT, NOTE 1
D478	219+68.7	116.8	TW EDGE LT
D479	219+68.7	121.7	TW EDGE LT
D480	219+68.7	179.5	TW EDGE LT

DEMOLITION SCHEDULE (CONT)

NUM	RW 15–33 STATION	OFFSET	REMARKS
D481	219+68.6	237.3	TW EDGE LT
D482	219+68.8	295.4	TW EDGE LT
D483	219+68.8	350.6	TW EDGE LT
D484	219+68.8	407.2	TW EDGE LT
D485	219+68.8	464.0	TW EDGE LT
D486	219+65.7	498.2	TW EDGE LT
D487	219+56.9	530.9	TW EDGE LT
D488	219+42.4	562.0	TW EDGE LT
D489	219+22.9	589.8	TW EDGE LT
D490	218+98.8	614.0	TW EDGE LT
D491	218+70.9	633.5	TW EDGE LT
D492	218+39.9	647.8	TW EDGE LT
D493	218+06.9	656.7	TW EDGE LT
D494	217+72.8	659.8	TW EDGE LT
D495	217+22.7	659.8	TW EDGE LT
D496	216+30.5	659.8	TW EDGE LT
D497	214+54.0	601.9	TW CENTERLINE LT
D497A	215+03.8	601.9	TW CENTERLINE LT
D498	215+53.7	601.9	TW CENTERLINE LT
D499	216+03.5	601.9	TW CENTERLINE LT
D500	216+15.7	601.4	TW CENTERLINE LT
D501	216+28.0	600.3	TW CENTERLINE LT
D502	216+40.1	598.3	TW CENTERLINE LT
D503	216+52.0	595.4	TW CENTERLINE LT
D504	216+63.7	591.7	TW CENTERLINE LT
D505	216+75.3	587.2	TW CENTERLINE LT
D506	216+86.2	581.6	TW CENTERLINE LT
D507	216+96.8	575.4	TW CENTERLINE LT
D508	217+07.0	568.2	TW CENTERLINE LT
D509	217+16.6	560.6	TW CENTERLINE LT
D510	217+25.5	552.2	TW CENTERLINE LT
D511	217+33.8	543.1	TW CENTERLINE LT
D512	217+41.6	533.4	TW CENTERLINE LT
D513	217+48.6	523.3	TW CENTERLINE LT
D514	217+54.8	512.6	TW CENTERLINE LT
D515	217+60.3	501.7	TW CENTERLINE LT
D516	217+64.9	490.2	TW CENTERLINE LT
D517	217+68.8	478.5	TW CENTERLINE LT
D518	217+71.8	466.5	TW CENTERLINE LT
D519	217+74.0	454.4	TW CENTERLINE LT
D520	217+75.1	442.1	TW CENTERLINE LT
D521	217+75.5	429.8	TW CENTERLINE LT
D522	217+75.4	392.6	TW CENTERLINE LT
D523	217+75.4	355.3	TW CENTERLINE LT
D524	217+75.4	318.2	TW CENTERLINE LT
D525	217+75.6	286.1	TW CENTERLINE LT
D526	217+75.3	236.9	TW CENTERLINE LT
D527	217+75.3	187.8	TW CENTERLINE LT
D528	217+75.4	138.5	TW CENTERLINE LT
D529	217+75.4	89.4	TW CENTERLINE LT
D530	219+68.7	280.6	ELEV GUARD LT
D531	219+52.6	280.7	FLUSH GUARD LT
D532	219+42.8	280.7	FLUSH GUARD LT
D533	219+32.9	280.7	FLUSH GUARD LT
D534	219+23.1	280.7	FLUSH GUARD LT
D535	219+13.3	280.7	FLUSH GUARD LT
D536	219+03.4	280.7	FLUSH GUARD LT
D537	218+93.6	280.8	FLUSH GUARD LT
D538	218+83.8	280.8	FLUSH GUARD LT
D539	218+73.9	280.7	FLUSH GUARD LT
D540	218+64.0	280.8	FLUSH GUARD LT

DEMOLITION SCHEDULE (CONT)

NUM	RW 15–33 STATION	OFFSET	REMARKS
D541	218+54.1	280.8	FLUSH GUARD LT
D542	218+44.4	280.7	FLUSH GUARD LT
D543	218+34.5	280.8	FLUSH GUARD LT
D544	218+24.6	280.7	FLUSH GUARD LT
D545	218+14.8	280.7	FLUSH GUARD LT
D546	218+05.0	280.7	FLUSH GUARD LT
D547	217+95.1	280.8	FLUSH GUARD LT
D548	217+85.3	280.8	FLUSH GUARD LT
D549	217+75.4	280.8	FLUSH GUARD LT
D550	217+65.6	280.7	FLUSH GUARD LT
D551	217+55.7	280.8	FLUSH GUARD LT
D552	217+45.9	280.8	FLUSH GUARD LT
D553	217+36.1	280.9	FLUSH GUARD LT
D554	217+26.2	280.7	FLUSH GUARD LT
D555	217+16.5	280.6	FLUSH GUARD LT
D556	217+06.5	280.6	FLUSH GUARD LT
D557	216+96.6	280.8	FLUSH GUARD LT
D558	216+86.8	280.8	FLUSH GUARD LT
D559	216+76.9	280.7	FLUSH GUARD LT
D560	216+67.1	280.7	FLUSH GUARD LT
D561	216+57.2	280.7	FLUSH GUARD LT
D562	216+47.4	280.8	FLUSH GUARD LT
D563	216+37.5	280.7	FLUSH GUARD LT
D564	216+27.7	280.7	FLUSH GUARD LT
D565	216+17.9	280.7	FLUSH GUARD LT
D566	216+08.0	280.7	FLUSH GUARD LT
D567	215+98.2	280.6	FLUSH GUARD LT
D568	215+77.9	280.7	ELEV GUARD LT
D569	214+63.8	524.7	TW EDGE LT
D570	215+13.3	517.8	TW EDGE LT
D571	215+46.3	504.9	TW EDGE LT
D572	215+69.6	478.2	TW EDGE LT
D573	215+78.1	443.7	TW EDGE LT
D574	215+78.0	394.6	TW EDGE LT
D575	215+78.1	345.4	TW EDGE LT
D576	215+78.1	295.8	TW EDGE LT
D577	215+78.1	246.4	TW EDGE LT
D578	215+78.1	198.1	TW EDGE LT
D579	215+69.5	154.6	TW EDGE LT
D580	215+44.8	117.9	TW EDGE LT
D581	215+08.2	93.4	TW EDGE LT
D582	214+65.0	88.0	TW EDGE LT
D583	214+64.9	92.8	TW EDGE LT
D584	205+55.9	93.0	TW EDGE LT
D585	205+55.8	88.1	TW EDGE LT
D586	205+08.9	92.4	TW EDGE LT
D587	204+66.1	114.1	TW EDGE LT
D588	204+32.3	148.0	TW EDGE LT
D589	204+10.7	190.4	TW EDGE LT
D590	204+03.5	237.5	TW EDGE LT
D591	203+07.8	259.0	TW CENTERLINE LT
D592	203+07.8	173.7	TW CENTERLINE LT
D593	203+07.8	88.3	TW CENTERLINE LT
D594	202+16.2	237.4	TW EDGE LT
D595	202+08.9	190.7	TW EDGE LT
D596	201+87.3	147.8	TW EDGE LT
D597	201+53.5	114.1	TW EDGE LT
D598	201+10.8	92.4	TW EDGE LT
D599	200+63.7	88.1	TW EDGE LT
D600	200+63.9	93.1	TW EDGE LT

NOTE 1: STORE FIXTURE, BASEPLATE, AND TRANSFORMER FOR REINSTALLATION

PRELIMINARY

STATE OF ALASKA 49 TH
LUCAS SCHNELLER
EE-11399
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
ELECTRICAL DEMOLITION SCHEDULES

DATE: 2/5/2018

SHEET: E32 OF 41

Designed By: LPS
Drawn By: JCA
Checked By: GRH

Date Revised: 2/05/2018, 6:22 PM
Layout Name: E32
File Path and Name: U:\2046067200\drawing\E\Sheets\2046067200-ANC-E31-E35_excel Schedules.dwg

DEMOLITION SCHEDULE (CONT)

NUM	RW 15–33 STATION	OFFSET	REMARKS
D601	189+08.5	92.8	TW EDGE LT
D602	189+08.5	88.2	TW EDGE LT
D603	188+61.3	92.6	TW EDGE LT
D604	188+18.8	114.3	TW EDGE LT
D605	187+85.3	147.8	TW EDGE LT
D606	187+63.5	190.7	TW EDGE LT
D607	187+56.1	237.5	TW EDGE LT
D608	186+60.6	258.8	TW CENTERLINE LT
D609	186+60.6	173.5	TW CENTERLINE LT
D610	186+60.6	88.2	TW CENTERLINE LT
D611	185+69.0	237.3	TW EDGE LT
D612	185+61.5	190.1	TW EDGE LT
D613	185+40.0	148.0	TW EDGE LT
D614	185+06.3	113.9	TW EDGE LT
D615	184+63.2	92.4	TW EDGE LT
D616	184+16.5	88.0	TW EDGE LT
D617	184+16.3	93.0	TW EDGE LT
D618	172+68.0	93.0	TW EDGE LT
D619	172+68.0	88.1	TW EDGE LT
D620	172+20.9	92.4	TW EDGE LT
D621	171+78.5	114.1	TW EDGE LT
D622	171+44.6	148.0	TW EDGE LT
D623	171+23.0	190.3	TW EDGE LT
D624	171+15.6	237.7	TW EDGE LT
D625	170+20.0	255.5	TW CENTERLINE LT
D626	170+20.0	206.3	TW CENTERLINE LT
D627	170+20.0	157.0	TW CENTERLINE LT
D628	170+20.0	107.9	TW CENTERLINE LT
D629	169+28.5	237.6	TW EDGE LT
D630	169+21.0	190.1	TW EDGE LT
D631	168+99.2	147.8	TW EDGE LT
D632	168+65.8	114.3	TW EDGE LT
D633	168+23.2	92.6	TW EDGE LT
D634	167+75.9	88.0	TW EDGE LT
D635	167+75.9	92.8	TW EDGE LT
D636	145+82.8	92.8	TW EDGE LT
D637	145+82.9	87.9	TW EDGE LT
D638	145+33.9	92.1	TW EDGE LT
D639	144+19.9	112.9	TW EDGE LT
D640	142+59.9	153.8	TW EDGE LT
D641	141+04.5	210.3	TW EDGE LT
D642	139+56.8	284.0	TW EDGE LT
D643	138+56.2	342.0	TW EDGE LT
D644	138+12.3	387.7	TW EDGE LT
D645	138+02.7	410.7	TW EDGE LT
D646	138+01.9	436.2	TW EDGE LT
D647	137+39.4	349.2	TW CENTERLINE LT, NOTE 1
D648	137+82.8	324.2	TW CENTERLINE LT, NOTE 1
D649	138+26.1	299.2	TW CENTERLINE LT
D650	138+69.4	274.2	TW CENTERLINE LT
D651	139+12.7	249.2	TW CENTERLINE LT
D652	139+56.1	224.3	TW CENTERLINE LT
D653	140+00.3	201.0	TW CENTERLINE LT
D654	140+45.3	179.4	TW CENTERLINE LT
D655	140+91.1	159.2	TW CENTERLINE LT
D656	141+37.5	140.6	TW CENTERLINE LT
D657	141+84.4	123.5	TW CENTERLINE LT
D658	142+32.0	107.8	TW CENTERLINE LT
D659	142+79.8	93.5	TW CENTERLINE LT
D660	143+28.1	80.5	TW CENTERLINE LT

DEMOLITION SCHEDULE (CONT)

NUM	RW 15–33 STATION	OFFSET	REMARKS
D661	143+76.7	68.8	TW CENTERLINE LT
D662	144+25.6	58.3	TW CENTERLINE LT
D663	144+74.7	49.0	TW CENTERLINE LT
D664	145+24.0	40.7	TW CENTERLINE LT
D665	145+73.4	33.5	TW CENTERLINE LT
D666	146+23.1	27.2	TW CENTERLINE LT
D667	146+72.8	21.8	TW CENTERLINE LT
D668	147+22.7	17.3	TW CENTERLINE LT
D669	147+72.5	13.5	TW CENTERLINE LT
D670	148+22.4	10.4	TW CENTERLINE LT
D671	148+72.3	7.9	TW CENTERLINE LT
D672	149+22.3	7.5	TW CENTERLINE LT
D673	149+72.3	7.4	TW CENTERLINE LT
D674	150+22.2	7.4	TW CENTERLINE LT
D675	150+72.3	7.4	TW CENTERLINE LT
D676	151+22.2	7.4	TW CENTERLINE LT
D677	151+72.2	7.5	TW CENTERLINE LT
D678	152+22.3	7.4	TW CENTERLINE LT
D679	152+72.3	7.4	TW CENTERLINE LT
D680	153+22.3	7.4	TW CENTERLINE LT
D681	153+72.3	7.4	TW CENTERLINE LT
D682	154+22.2	7.4	TW CENTERLINE LT
D683	154+72.3	7.4	TW CENTERLINE LT
D684	138+05.9	397.7	ELEV GUARD LT, NOTE 1
D685	137+97.8	383.7	FLUSH GUARD LT, NOTE 1
D686	137+92.9	375.2	FLUSH GUARD LT, NOTE 1
D687	137+87.9	366.6	FLUSH GUARD LT, NOTE 1
D688	137+83.0	358.0	FLUSH GUARD LT, NOTE 1
D689	137+78.1	349.4	FLUSH GUARD LT, NOTE 1
D690	137+73.1	341.0	FLUSH GUARD LT, NOTE 1
D691	137+68.2	332.5	FLUSH GUARD LT, NOTE 1
D692	137+63.3	323.9	FLUSH GUARD LT, NOTE 1
D693	137+58.4	315.4	FLUSH GUARD LT, NOTE 1
D694	137+53.4	306.8	FLUSH GUARD LT, NOTE 1
D695	137+48.6	298.3	FLUSH GUARD LT, NOTE 1
D696	137+43.6	289.8	FLUSH GUARD LT, NOTE 1
D697	137+38.7	281.3	FLUSH GUARD LT, NOTE 1
D698	137+28.3	263.1	ELEV GUARD LT, NOTE 1
D699	136+90.6	312.5	TW EDGE LT
D700	137+20.2	282.9	TW EDGE LT
D701	137+30.7	242.7	TW EDGE LT
D702	137+30.8	196.6	TW EDGE LT
D703	137+30.8	150.1	TW EDGE LT
D704	137+22.2	117.6	TW EDGE LT
D705	136+98.2	93.8	TW EDGE LT
D706	136+65.8	87.7	TW EDGE LT
D707	136+65.7	92.6	TW EDGE LT
D708	120+64.7	92.7	TW EDGE LT
D709	120+64.9	87.9	TW EDGE LT
D710	120+11.1	92.6	TW EDGE LT
D711	119+62.8	117.6	TW EDGE LT
D712	119+25.5	157.3	TW EDGE LT
D713	119+04.0	207.3	TW EDGE LT
D714	118+89.7	261.1	TW EDGE LT
D715	118+80.9	321.2	TW EDGE LT
D716	118+80.8	295.3	ELEV GUARD LT
D717	118+62.8	290.5	FLUSH GUARD LT
D718	118+53.4	288.0	FLUSH GUARD LT
D719	118+43.8	285.4	FLUSH GUARD LT
D720	118+34.3	282.9	FLUSH GUARD LT

DEMOLITION SCHEDULE (CONT)

NUM	RW 15–33 STATION	OFFSET	REMARKS
D721	118+24.8	280.3	FLUSH GUARD LT
D722	118+15.3	277.8	FLUSH GUARD LT
D723	118+05.7	275.2	FLUSH GUARD LT
D724	117+96.2	272.7	FLUSH GUARD LT
D725	117+86.7	270.1	FLUSH GUARD LT
D726	117+71.3	266.0	ELEV GUARD LT
D727	117+61.1	292.8	TW EDGE LT
D728	117+73.5	242.4	TW EDGE LT
D729	117+63.6	193.1	TW EDGE LT
D730	117+38.5	148.4	TW EDGE LT
D731	117+01.3	114.6	TW EDGE LT
D732	116+55.7	92.8	TW EDGE LT
D733	116+05.7	87.9	TW EDGE LT
D734	116+05.6	92.8	TW EDGE LT
D735	114+21.5	92.2	TW EDGE LT
D736	113+78.4	113.5	TW EDGE LT
D737	113+42.5	147.7	TW EDGE LT
D738	113+19.1	190.3	TW EDGE LT
D739	112+97.4	249.2	TW EDGE LT
D740	112+83.5	287.8	TW EDGE LT
D741	112+06.8	270.3	TW CENTERLINE LT, NOTE 1
D742	112+19.6	222.7	TW CENTERLINE LT, NOTE 1
D743	112+32.3	175.3	TW CENTERLINE LT, NOTE 1
D744	112+45.1	127.7	TW CENTERLINE LT, NOTE 1
D745	112+57.9	80.1	TW CENTERLINE LT, NOTE 1
D746	112+64.5	296.6	ELEV GUARD LT, NOTE 1
D747	112+51.7	293.2	FLUSH GUARD LT, NOTE 1
D748	112+42.2	290.7	FLUSH GUARD LT, NOTE 1
D749	112+32.7	288.1	FLUSH GUARD LT, NOTE 1
D750	112+23.1	285.6	FLUSH GUARD LT, NOTE 1
D751	112+13.6	283.0	FLUSH GUARD LT, NOTE 1
D752	112+04.1	280.5	FLUSH GUARD LT, NOTE 1
D753	111+94.6	277.9	FLUSH GUARD LT, NOTE 1
D754	111+85.3	275.4	FLUSH GUARD LT, NOTE 1
D755	111+75.6	272.8	FLUSH GUARD LT, NOTE 1
D756	111+66.1	270.3	FLUSH GUARD LT, NOTE 1
D757	111+56.6	267.8	FLUSH GUARD LT, NOTE 1
D758	111+42.2	263.8	ELEV GUARD LT, NOTE 1
D759	111+37.2	274.1	TW EDGE LT
D760	111+63.2	212.4	TW EDGE LT
D761	111+79.3	152.8	TW EDGE LT
D762	111+96.6	92.3	TW EDGE LT
D763	111+97.8	87.8	TW EDGE LT
D764	114+86.9	−246.3	LIGHTED SIGN
D765	117+11.0	−137.5	LIGHTED SIGN
D766	122+19.6	−138.4	LIGHTED SIGN
D767	127+24.2	−150.8	LIGHTED SIGN
D768	137+24.4	−150.6	LIGHTED SIGN
D769	144+03.7	−138.2	LIGHTED SIGN
D770	147+23.9	−152.6	LIGHTED SIGN
D771	157+24.0	−151.6	LIGHTED SIGN
D772	167+27.9	−151.4	LIGHTED SIGN
D773	167+76.0	−137.1	LIGHTED SIGN
D774	172+68.3	−136.7	LIGHTED SIGN
D775	177+23.8	−150.6	LIGHTED SIGN
D776	184+16.2	−137.0	LIGHTED SIGN
D777	189+08.6	−138.3	LIGHTED SIGN
D778	197+23.4	−151.0	LIGHTED SIGN
D779	200+63.7	−137.7	LIGHTED SIGN
D780	205+56.5	−137.6	LIGHTED SIGN

DEMOLITION SCHEDULE (CONT)

NUM	RW 15–33 STATION	OFFSET	REMARKS
D781	207+23.9	−150.7	LIGHTED SIGN
D782	220+21.3	278.7	LIGHTED SIGN
D783	215+36.0	397.5	LIGHTED SIGN
D784	215+25.6	278.5	LIGHTED SIGN
D785	214+64.8	136.5	LIGHTED SIGN
D786	205+55.8	126.5	LIGHTED SIGN
D787	200+63.7	136.0	LIGHTED SIGN
D788	189+08.5	136.9	LIGHTED SIGN
D789	184+16.5	136.7	LIGHTED SIGN
D790	172+68.1	136.8	LIGHTED SIGN
D791	167+76.1	136.7	LIGHTED SIGN
D792	145+91.0	136.6	LIGHTED SIGN
D793	138+20.2	430.6	LIGHTED SIGN
D794	136+97.2	218.4	LIGHTED SIGN
D795	136+65.6	136.9	LIGHTED SIGN
D796	120+64.6	136.1	LIGHTED SIGN
D797	117+19.6	245.7	LIGHTED SIGN
D798	116+08.4	136.8	LIGHTED SIGN
D799	110+90.8	246.6	LIGHTED SIGN
D800	113+58.8	−294.9	TW CENTERLINE LT, NOTE 1
D801	113+48.4	−256.2	TW CENTERLINE LT, NOTE 1
D802	113+37.6	−217.5	TW CENTERLINE LT, NOTE 1
D803	113+24.9	−170.1	TW CENTERLINE LT, NOTE 1
D804	113+12.1	−122.4	TW CENTERLINE LT, NOTE 1
D805	112+99.4	−74.8	TW CENTERLINE LT, NOTE 1
D806	112+85.9	−299.6	ELEV GUARD LT
D807	113+06.8	−294.1	FLUSH GUARD LT
D808	113+16.5	−291.6	FLUSH GUARD LT
D809	113+26.1	−289.0	FLUSH GUARD LT
D810	113+35.7	−286.3	FLUSH GUARD LT
D811	113+45.6	−283.7	FLUSH GUARD LT
D812	113+55.1	−281.2	FLUSH GUARD LT
D813	113+64.8	−278.6	FLUSH GUARD LT
D814	113+74.4	−276.1	FLUSH GUARD LT
D815	113+84.0	−273.5	FLUSH GUARD LT
D816	113+93.8	−270.9	FLUSH GUARD LT
D817	114+03.4	−268.3	FLUSH GUARD LT
D818	114+13.1	−265.6	FLUSH GUARD LT
D819	114+33.7	−260.0	ELEV GUARD LT
D820	130+54.2	−252.9	TW CENTERLINE LT, NOTE 1

NOTE 1: STORE FIXTURE, BASEPLATE (WHERE PRESENT), AND TRANSFORMER FOR REINSTALLATION

PRELIMINARY

STATE OF ALASKA 49 TH
LUCAS SCHNELLER
EE-11399
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
ELECTRICAL DEMOLITION SCHEDULES

DATE: 2/5/2018

SHEET: E33 OF 41

Designed By: LPS
Drawn By: JCA
Checked By: GRH

Date Revised: 2/05/2018, 6:22 PM
Layout Name: Layout 3 (E33)
File Path and Name: U:\2046067200\drawing\E\Sheets\2046067200-ANC-E31-E35_excel Schedules.dwg

SIGN SCHEDULE

NUM	SIDE	PANEL	LEGEND	TYPE	LEGEND COLOR	FACE COLOR	STATION	OFFSET	SIZE	STYLE	CLASS	MODE	REMARKS
S1	1	1	K	L-858L	YELLOW	BLACK	TW K STA: 1122+32.0	-112.6	3	2	2	3	
		2	33	L-858R	WHITE	RED							
	2	1	K	L-858L	YELLOW	BLACK							
S2	1	1	–	–	–	–	TW K STA: 1123+23.3	-134.0	3	2	2	3	
	2	1	K →	L-858Y	BLACK	YELLOW							
S3	1	1	–	–	–	–	TW K STA: 1126+56.4	-127.3	3	2	2	3	
	2	1	← K	L-858Y	BLACK	YELLOW							
S4	1	1	K	L-858L	YELLOW	BLACK	TW K STA: 1128+17.8	117.2	3	2	2	3	
		2	33	L-858R	WHITE	RED							
	2	1	K	L-858L	YELLOW	BLACK							
S5	1	1	← L	L-858Y	BLACK	YELLOW	TW L STA: 13+94.6	126.4	3	2	2	3	
	2	1	–	–	–	–							
S6	1	1	–	–	–	–	TW L STA: 13+25.0	-133.8	3	2	2	3	
	2	1	L →	L-858Y	BLACK	YELLOW							
S7	1	1	L →	L-858Y	BLACK	YELLOW	TW L STA: 2+01.7	134.4	3	2	2	3	
	2	1	–	–	–	–							
S8	1	1	L	L-858L	YELLOW	BLACK	TW L STA: 2+93.0	113.6	3	2	2	3	
		2	33-15	L-858R	WHITE	RED							
	2	1	L	L-858L	YELLOW	BLACK							
S9	1	1	–	–	–	–	TW L STA: 1+31.8	-126.5	3	2	2	3	
	2	1	← L	L-858Y	BLACK	YELLOW							
S10	1	1	9	L-858B	WHITE	BLACK	RW STA: 126+35.5	-175.0	4	3	2	3	
	2	1	1	L-858B	WHITE	BLACK							
S11	1	1	8	L-858B	WHITE	BLACK	RW STA: 136+35.5	-175.0	4	3	2	3	
	2	1	2	L-858B	WHITE	BLACK							
S12	1	1	–	–	–	–	RW STA: 137+85.8	-160.0	3	2	2	3	
	2	1	W ↗	L-858Y	BLACK	YELLOW							
S13	1	1	M →	L-858Y	BLACK	YELLOW	TW M STA: 6+64.0	198.6	3	2	2	3	
	2	1	–	–	–	–							
S14	1	1	M	L-858L	YELLOW	BLACK	TW M STA: 6+61.5	123.0	3	2	2	3	
		2	33-15	L-858R	WHITE	RED							
	2	1	M	L-858L	YELLOW	BLACK							
S15	1	1	33-15	L-858R	WHITE	RED	TW M STA: 6+61.5	-120.4	3	2	2	3	
		2	M	L-858L	YELLOW	BLACK							
	2	1	M	L-858L	YELLOW	BLACK							
S16	1	1	–	–	–	–	RW STA: 146+54.8	160.0	3	2	2	3	
	2	1	↖ M	L-858Y	BLACK	YELLOW							
S17	1	1	7	L-858B	WHITE	BLACK	RW STA: 146+35.5	-175.0	4	3	2	3	
	2	1	3	L-858B	WHITE	BLACK							
S18	1	1	6	L-858B	WHITE	BLACK	RW STA: 156+35.5	-175.0	4	3	2	3	
	2	1	4	L-858B	WHITE	BLACK							
S19	1	1	5	L-858B	WHITE	BLACK	RW STA: 166+35.5	-175.0	4	3	2	3	
	2	1	5	L-858B	WHITE	BLACK							
S20	1	1	← U	L-858Y	BLACK	YELLOW	TW U STA: 13+48.5	143.2	3	2	2	3	
	2	1	–	–	–	–							
S21	1	1	–	–	–	–	TW U STA: 13+48.5	-143.2	3	2	2	3	
	2	1	U →	L-858Y	BLACK	YELLOW							
S22	1	1	U →	L-858Y	BLACK	YELLOW	TW U STA: 1+60.0	139.3	3	2	2	3	
	2	1	–	–	–	–							
S23	1	1	–	–	–	–	TW U STA: 1+60.0	-139.3	3	2	2	3	
	2	1	← U	L-858Y	BLACK	YELLOW							
S24	1	1	4	L-858B	WHITE	BLACK	RW STA: 176+35.5	-175.0	4	3	2	3	
	2	1	6	L-858B	WHITE	BLACK							

SIGN SCHEDULE (CONT)

NUM	SIDE	PANEL	LEGEND	TYPE	LEGEND COLOR	FACE COLOR	STATION	OFFSET	SIZE	STYLE	CLASS	MODE	REMARKS
S25	1	1	← T	L-858Y	BLACK	YELLOW	TW T STA: 13+48.5	143.2	3	2	2	3	
	2	1	–	–	–	–							
S26	1	1	–	–	–	–	TW T STA: 13+48.5	-143.2	3	2	2	3	
	2	1	T →	L-858Y	BLACK	YELLOW							
S27	1	1	T →	L-858Y	BLACK	YELLOW	TW T STA: 1+60.0	139.3	3	2	2	3	
	2	1	–	–	–	–							
S28	1	1	–	–	–	–	TW T STA: 1+60.0	-139.3	3	2	2	3	
	2	1	← T	L-858Y	BLACK	YELLOW							
S29	1	1	2	L-858B	WHITE	BLACK	RW STA: 196+35.5	-175.0	4	3	2	3	
	2	1	8	L-858B	WHITE	BLACK							
S30	1	1	← S	L-858Y	BLACK	YELLOW	TW S STA: 13+48.5	143.2	3	2	2	3	
	2	1	–	–	–	–							
S31	1	1	–	–	–	–	TW S STA: 13+48.5	-143.2	3	2	2	3	
	2	1	S →	L-858Y	BLACK	YELLOW							
S32	1	1	S →	L-858Y	BLACK	YELLOW	TW S STA: 1+60.0	139.3	3	2	2	3	
	2	1	–	–	–	–							
S33	1	1	–	–	–	–	TW S STA: 1+60.0	-139.3	3	2	2	3	
	2	1	← S	L-858Y	BLACK	YELLOW							
S34	1	1	1	L-858B	WHITE	BLACK	RW STA: 208+35.5	-175.0	4	3	2	3	
	2	1	9	L-858B	WHITE	BLACK							
S35	1	1	Q →	L-858Y	BLACK	YELLOW	TW Q STA: 1+60.0	139.3	3	2	2	3	
	2	1	–	–	–	–							
S36	1	1	Q	L-858L	YELLOW	BLACK	TW Q STA: 2+83.0	113.5	3	2	2	3	
		2	15	L-858R	WHITE	RED							
	2	1	Q	L-858L	YELLOW	BLACK							
S37	1	1	–	–	–	–	TW Q STA: 4+07.0	130.2	3	2	2	3	
	2	1	R →	L-858Y	BLACK	YELLOW							
S38	1	1	← Q	L-858Y	BLACK	YELLOW	TW R STA: 437+82.4	-130.2	3	2	2	3	
	2	1	–	–	–	–							

PRELIMINARY

Designed By: LPS
Drawn By: JCA
Checked By: GRH

Date Revised:
Layout Name: E34
File Path and Name: U:\2046067200\drawing\E\Sheets\2046067200-ANC-E31-E35_excel Schedules.dwg

STATE OF ALASKA
49 TH
LUCAS SCHNELLER
EE-11399
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
ELECTRICAL SIGN SCHEDULE

DATE: 2/5/2018
SHEET: E34 OF 41

Designed By:	LPS	
Drawn By:	JCA	
Checked By:	GRH	
Date Revised:	2/05/2018, 6:22 PM	
Layout Name:	Layout 5 (E35)	
File Path and Name:	U:\2046067200\drawing\E\Sheets\2046067200-ANC-E31-E35_excel Schedules.dwg	

PRELIMINARY

ELECTRICAL MANHOLE SCHEDULE

NUM	LOAD RATING	SIZE	SYSTEM/LEGEND	RW 15–33 STATION	OFFSET	REMARKS
MH1	100K	4'x4'	FAA/PAPI/COMM	116+46.3	–183.9	PAID UNDER ITEM L–132a(2)
MH2	100K	4'x4'	FAA/REIL/COMM	116+51.3	–178.9	PAID UNDER ITEM L–132a(2)
MH3	100K	4'x4'	FAA/PAPI–REIL/POWER	116+56.3	–173.9	PAID UNDER ITEM L–132a(2)
MH–4	100K	4'x4'	FAA/REIL/COMM	116+51.3	178.9	PAID UNDER ITEM L–132a(2)
MH–5	100K	4'x4'	FAA/PAPI–REIL/POWER	116+56.3	173.9	PAID UNDER ITEM L–132a(2)
MH–6	H–20	4'x4'	FAA/PAPI/COMM	116+48.8	308.4	PAID UNDER ITEM L–132a(2)
MH–7	H–20	4'x4'	FAA/PAPI/POWER	116+56.3	303.4	PAID UNDER ITEM L–132a(2)
MH–8	H–20	4'x4'	FAA/PAPI/COMM	119+71.3	308.4	PAID UNDER ITEM L–132a(2)
MH–9	H–20	4'x4'	FAA/PAPI/POWER	119+71.3	303.4	PAID UNDER ITEM L–132a(2)
MH–10	H–20	4'x4'	FAA/MALSF/POWER	216+58.4	–387.7	PAID UNDER ITEM L–132a(1)
MH–11	H–20	4'x4'	FAA/MALSF/COMM	216+60.9	–392.7	PAID UNDER ITEM L–132a(1)
MH–12	H–20	4'x4'	FAA/MALSF/POWER	217+84.1	–269.5	PAID UNDER ITEM L–132a(1)
MH–13	H–20	4'x4'	FAA/MALSF/COMM	217+86.6	–274.5	PAID UNDER ITEM L–132a(1)
MH–14	100K	4'x4'	FAA/MALSF/POWER	220+79.5	–146.5	PAID UNDER ITEM L–132a(1)
MH–15	100K	4'x4'	FAA/MALSF/COMM	220+82.0	–151.5	PAID UNDER ITEM L–132a(1)
MH–16	100K	4'x4'	FAA/MALSF/POWER	222+73.4	–146.5	PAID UNDER ITEM L–132a(1)
MH–17	100K	4'x4'	FAA/MALSF/COMM	222+75.9	–151.5	PAID UNDER ITEM L–132a(1)
MH–18	100K	4'x4'	FAA/MALSF/POWER	224+77.4	–18.0	PAID UNDER ITEM L–132a(1)
MH–19	100K	4'x4'	FAA/MALSF/COMM	224+72.4	–23.0	PAID UNDER ITEM L–132a(1)
MH–20	100K	4'x4'	FAA/MALSF/POWER	226+77.4	–18.0	PAID UNDER ITEM L–132a(1)
MH–21	100K	4'x4'	FAA/MALSF/COMM	226+72.4	–23.0	PAID UNDER ITEM L–132a(1)
MH–22	100K	4'x4'	FAA/MALSF/POWER	228+77.4	–18.0	PAID UNDER ITEM L–132a(1)
MH–23	100K	4'x4'	FAA/MALSF/COMM	228+72.4	–23.0	PAID UNDER ITEM L–132a(1)
MH–24	H–20	4'x4'	FAA/MALSF/POWER	230+82.4	–18.0	PAID UNDER ITEM L–132a(1)
MH–25	H–20	4'x4'	FAA/MALSF/COMM	230+77.4	–23.0	PAID UNDER ITEM L–132a(1)
EMH–72	H–20	4'x4'	LIGHTING	213+11.0	331.5	

NOTES:

1. LOCATIONS ARE APPROXIMATE, FIELD LOCATE NEW MANHOLES BASED ON INSTALLED EQUIPMENT, EXISTING UNDERGROUND CONDUITS, AND OTHER FIELD CONDITIONS
2. GROUP CO–LOCATED POWER AND COMM MANHOLES ADJACENT TO EACH OTHER

ELECTRICAL MANHOLE ADJUSTMENT SCHEDULE

NUM	LOAD RATING	SIZE	SYSTEM/LEGEND	HEIGHT ADJUSTMENT	RW 15–33 STATION	OFFSET	REMARKS
EMH–10	H–20	7'x7'	LIGHTING	+0.42'	110+31.7	168.6	
EMH–51	100K	7'x7'	LIGHTING	+0.1'	136+50.2	252.2	
MH–A	100K	5'x4'	COMM	+0.51'	150+19.1	127.6	
MH–B	100K	5'x4'	COMM	+0.51'	150+24.1	127.6	
MH–C	100K	5'x4'	COMM	+0.9'	150+19.1	–127.2	
MH–D	100K	5'x4'	COMM	+0.9'	150+24.1	–127.2	
EMH	100K	5'x4'	LIGHTING	+0.75'	206+24.3	–141.7	
EMH–B	100K	5'x4'	LIGHTING	+0.24'	206+26.1	142.4	

NOTES:

1. REMOVE AND REPLACE MANHOLE LID, FRAME, AND COVER OF EXISTING MANHOLES. ACCOUNT FOR HEIGHT ADJUSTMENT INDICATED IN CONSTRUCTION OF REPLACEMENT MANHOLE LID.

HANDHOLE SCHEDULE

NUM	TYPE	SIZE	STATION	OFFSET	REMARKS
HH1	I	B	TW K STA: 1128+27.2	–60.0	INSTALL TP
HH2	I	D	RW STA: 124+85.2	144.7	PAID FOR UNDER L–130
HH3	I	D	RW STA: 145+21.5	149.9	PAID FOR UNDER L–130
HH4	I	D	TW S STA: 12+62.3	–111.0	PAID FOR UNDER L–130
HH5	I	D	RW STA: 208+83.3	142.80	PAID FOR UNDER L–130

NOTES:

1. LOCATIONS ARE APPROXIMATE, FIELD LOCATE HANDHOLES.
2. TP = TEST POINT, SEE DETAIL 2/E24.

STATE OF ALASKA 49 TH LUCAS SCHNELLER EE-11399 REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
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TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
MANHOLE AND HANDHOLE SCHEDULES

DATE: 2/5/2018

SHEET: E35 OF 41

RUNWAY CENTERLINE LIGHT SCHEDULE

NUM	LENS COLOR	TYPE	WATTAGE LAMP	WATTAGE XFMR	CKT	RW 15–33 STATION	OFFSET	REMARKS
C1	W/R	L-850A	LED	/30/45/	R-7	STA:112+60.5	-2.5	
C2	W/R	L-850A	LED	/30/45/	R-7	STA:113+10.5	-2.5	
C3	W/R	L-850A	LED	/30/45/	R-7	STA:113+60.5	-2.5	
C4	W/R	L-850A	LED	/30/45/	R-7	STA:114+10.5	-2.5	
C5	W/R	L-850A	LED	/30/45/	R-7	STA:114+60.5	-2.5	
C6	W/R	L-850A	LED	/30/45/	R-7	STA:115+10.5	-2.5	
C7	W/R	L-850A	LED	/30/45/	R-7	STA:115+60.5	-2.5	INSTALL TP
C8	W/R	L-850A	LED	/30/45/	R-7	STA:116+10.5	-2.5	
C9	W/R	L-850A	LED	/30/45/	R-7	STA:116+60.5	-2.5	
C10	W/R	L-850A	LED	/30/45/	R-7	STA:117+10.5	-2.5	
C11	W/R	L-850A	LED	/30/45/	R-7	STA:117+60.5	-2.5	
C12	W/R	L-850A	LED	/30/45/	R-7	STA:118+10.5	-2.5	
C13	W/R	L-850A	LED	/30/45/	R-7	STA:118+60.5	-2.5	
C14	W/R	L-850A	LED	/30/45/	R-7	STA:119+10.5	-2.5	
C15	W/R	L-850A	LED	/30/45/	R-7	STA:119+60.5	-2.5	
C16	W/R	L-850A	LED	/30/45/	R-7	STA:120+10.5	-2.5	
C17	W/R	L-850A	LED	/30/45/	R-7	STA:120+60.5	-2.5	
C18	W/R	L-850A	LED	/30/45/	R-7	STA:121+10.5	-2.5	
C19	W/R	L-850A	LED	/30/45/	R-7	STA:121+60.5	-2.5	
C20	W/W	L-850A	LED	/30/45/	R-7	STA:122+10.5	-2.5	
C21	W/R	L-850A	LED	/30/45/	R-7	STA:122+60.5	-2.5	INSTALL TP
C22	W/W	L-850A	LED	/30/45/	R-7	STA:123+10.5	-2.5	
C23	W/R	L-850A	LED	/30/45/	R-7	STA:123+60.5	-2.5	
C24	W/W	L-850A	LED	/30/45/	R-7	STA:124+10.5	-2.5	
C25	W/R	L-850A	LED	/30/45/	R-7	STA:124+60.5	-2.5	
C26	W/W	L-850A	LED	/30/45/	R-7	STA:125+10.5	-2.5	
C27	W/R	L-850A	LED	/30/45/	R-7	STA:125+60.5	-2.5	
C28	W/W	L-850A	LED	/30/45/	R-7	STA:126+10.5	-2.5	
C29	W/R	L-850A	LED	/30/45/	R-7	STA:126+60.5	-2.5	
C30	W/W	L-850A	LED	/30/45/	R-7	STA:127+10.5	-2.5	
C31	W/R	L-850A	LED	/30/45/	R-7	STA:127+60.5	-2.5	
C32	W/W	L-850A	LED	/30/45/	R-7	STA:128+10.5	-2.5	
C33	W/R	L-850A	LED	/30/45/	R-7	STA:128+60.5	-2.5	
C34	W/W	L-850A	LED	/30/45/	R-7	STA:129+10.5	-2.5	
C35	W/R	L-850A	LED	/30/45/	R-7	STA:129+60.5	-2.5	
C36	W/W	L-850A	LED	/30/45/	R-7	STA:130+10.5	-2.5	
C37	W/R	L-850A	LED	/30/45/	R-7	STA:130+60.5	-2.5	
C38	W/W	L-850A	LED	/30/45/	R-7	STA:131+10.5	-2.5	
C39	W/R	L-850A	LED	/30/45/	R-7	STA:131+60.5	-2.5	
C40	W/W	L-850A	LED	/30/45/	R-7	STA:132+10.5	-2.5	
C41	W/R	L-850A	LED	/30/45/	R-7	STA:132+60.5	-2.5	INSTALL TP
C42	W/W	L-850A	LED	/30/45/	R-7	STA:133+10.5	-2.5	
C43	W/R	L-850A	LED	/30/45/	R-7	STA:133+60.5	-2.5	
C44	W/W	L-850A	LED	/30/45/	R-7	STA:134+10.5	-2.5	
C45	W/R	L-850A	LED	/30/45/	R-7	STA:134+60.5	-2.5	

RUNWAY CENTERLINE LIGHT SCHEDULE

NUM	LENS COLOR	TYPE	WATTAGE LAMP	WATTAGE XFMR	CKT	RW 15–33 STATION	OFFSET	REMARKS
C46	W/W	L-850A	LED	/30/45/	R-7	STA:135+10.5	-2.5	
C47	W/R	L-850A	LED	/30/45/	R-7	STA:135+60.5	-2.5	
C48	W/W	L-850A	LED	/30/45/	R-7	STA:136+10.5	-2.5	
C49	W/R	L-850A	LED	/30/45/	R-7	STA:136+60.5	-2.5	
C50	W/W	L-850A	LED	/30/45/	R-7	STA:137+10.5	-2.5	
C51	W/R	L-850A	LED	/30/45/	R-7	STA:137+60.5	-2.5	
C52	W/W	L-850A	LED	/30/45/	R-7	STA:138+10.5	-2.5	
C53	W/R	L-850A	LED	/30/45/	R-7	STA:138+60.5	-2.5	
C54	W/W	L-850A	LED	/30/45/	R-7	STA:139+10.5	-2.5	
C55	W/R	L-850A	LED	/30/45/	R-7	STA:139+60.5	-2.5	
C56	W/W	L-850A	LED	/30/45/	R-7	STA:140+10.5	-2.5	
C57	W/R	L-850A	LED	/30/45/	R-7	STA:140+60.5	-2.5	
C58	W/W	L-850A	LED	/30/45/	R-7	STA:141+10.5	-2.5	
C59	W/R	L-850A	LED	/30/45/	R-7	STA:141+60.5	-2.5	
C60	W/W	L-850A	LED	/30/45/	R-7	STA:142+10.5	-2.5	
C61	W/W	L-850A	LED	/30/45/	R-7	STA:142+60.5	-2.5	INSTALL TP
C62	W/W	L-850A	LED	/30/45/	R-7	STA:143+10.5	-2.5	
C63	W/W	L-850A	LED	/30/45/	R-7	STA:143+60.5	-2.5	
C64	W/W	L-850A	LED	/30/45/	R-7	STA:144+10.5	-2.5	
C65	W/W	L-850A	LED	/30/45/	R-7	STA:144+60.5	-2.5	
C66	W/W	L-850A	LED	/30/45/	R-7	STA:145+10.5	-2.5	
C67	W/W	L-850A	LED	/30/45/	R-7	STA:145+60.5	-2.5	
C68	W/W	L-850A	LED	/30/45/	R-7	STA:146+10.5	-2.5	
C69	W/W	L-850A	LED	/30/45/	R-7	STA:146+60.5	-2.5	
C70	W/W	L-850A	LED	/30/45/	R-7	STA:147+10.5	-2.5	
C71	W/W	L-850A	LED	/30/45/	R-7	STA:147+60.5	-2.5	
C72	W/W	L-850A	LED	/30/45/	R-7	STA:148+10.5	-2.5	
C73	W/W	L-850A	LED	/30/45/	R-7	STA:148+60.5	-2.5	
C74	W/W	L-850A	LED	/30/45/	R-7	STA:149+10.5	-2.5	
C75	W/W	L-850A	LED	/30/45/	R-7	STA:149+60.5	-2.5	
C76	W/W	L-850A	LED	/30/45/	R-7	STA:150+10.5	-2.5	
C77	W/W	L-850A	LED	/30/45/	R-7	STA:150+60.5	-2.5	
C78	W/W	L-850A	LED	/30/45/	R-7	STA:151+10.5	-2.5	
C79	W/W	L-850A	LED	/30/45/	R-7	STA:151+60.5	-2.5	
C80	W/W	L-850A	LED	/30/45/	R-7	STA:152+10.5	-2.5	
C81	W/W	L-850A	LED	/30/45/	R-7	STA:152+60.5	-2.5	INSTALL TP
C82	W/W	L-850A	LED	/30/45/	R-7	STA:153+10.5	-2.5	
C83	W/W	L-850A	LED	/30/45/	R-7	STA:153+60.5	-2.5	
C84	W/W	L-850A	LED	/30/45/	R-7	STA:154+10.5	-2.5	
C85	W/W	L-850A	LED	/30/45/	R-7	STA:154+60.5	-2.5	
C86	W/W	L-850A	LED	/30/45/	R-7	STA:155+10.5	-2.5	
C87	W/W	L-850A	LED	/30/45/	R-7	STA:155+60.5	-2.5	
C88	W/W	L-850A	LED	/30/45/	R-7	STA:156+10.5	-2.5	
C89	W/W	L-850A	LED	/30/45/	R-7	STA:156+60.5	-2.5	
C90	W/W	L-850A	LED	/30/45/	R-7	STA:157+10.5	-2.5	

RUNWAY CENTERLINE LIGHT SCHEDULE

NUM	LENS COLOR	TYPE	WATTAGE LAMP	WATTAGE XFMR	CKT	RW 15–33 STATION	OFFSET	REMARKS
C91	W/W	L-850A	LED	/30/45/	R-7	STA:157+60.5	-2.5	
C92	W/W	L-850A	LED	/30/45/	R-7	STA:158+10.5	-2.5	
C93	W/W	L-850A	LED	/30/45/	R-7	STA:158+60.5	-2.5	
C94	W/W	L-850A	LED	/30/45/	R-7	STA:159+10.5	-2.5	
C95	W/W	L-850A	LED	/30/45/	R-7	STA:159+60.5	-2.5	
C96	W/W	L-850A	LED	/30/45/	R-7	STA:160+10.5	-2.5	
C97	W/W	L-850A	LED	/30/45/	R-7	STA:160+60.5	-2.5	
C98	W/W	L-850A	LED	/30/45/	R-7	STA:161+10.5	-2.5	
C99	W/W	L-850A	LED	/30/45/	R-7	STA:161+60.5	-2.5	
C100	W/W	L-850A	LED	/30/45/	R-7	STA:162+10.5	-2.5	
C101	W/W	L-850A	LED	/30/45/	R-7	STA:162+60.5	-2.5	INSTALL TP
C102	W/W	L-850A	LED	/30/45/	R-7	STA:163+10.5	-2.5	
C103	W/W	L-850A	LED	/30/45/	R-7	STA:163+60.5	-2.5	
C104	W/W	L-850A	LED	/30/45/	R-7	STA:164+10.5	-2.5	
C105	W/W	L-850A	LED	/30/45/	R-7	STA:164+60.5	-2.5	
C106	W/W	L-850A	LED	/30/45/	R-7	STA:165+10.5	-2.5	
C107	W/W	L-850A	LED	/30/45/	R-7	STA:165+60.5	-2.5	
C108	W/W	L-850A	LED	/30/45/	R-7	STA:166+10.5	-2.5	
C109	W/W	L-850A	LED	/30/45/	R-7	STA:166+60.5	-2.5	
C110	W/W	L-850A	LED	/30/45/	R-7	STA:167+10.5	-2.5	
C111	W/W	L-850A	LED	/30/45/	R-7	STA:167+60.5	-2.5	
C112	W/W	L-850A	LED	/30/45/	R-7	STA:168+10.5	-2.5	
C113	W/W	L-850A	LED	/30/45/	R-7	STA:168+60.5	-2.5	
C114	W/W	L-850A	LED	/30/45/	R-7	STA:169+10.5	-2.5	
C115	W/W	L-850A	LED	/30/45/	R-7	STA:169+60.5	-2.5	
C116	W/W	L-850A	LED	/30/45/	R-7	STA:170+10.5	-2.5	
C117	W/W	L-850A	LED	/30/45/	R-7	STA:170+60.5	-2.5	
C118	W/W	L-850A	LED	/30/45/	R-7	STA:171+10.5	-2.5	
C119	W/W	L-850A	LED	/30/45/	R-7	STA:171+60.5	-2.5	
C120	W/W	L-850A	LED	/30/45/	R-7	STA:172+10.5	-2.5	
C121	W/W	L-850A	LED	/30/45/	R-7	STA:172+60.5	-2.5	INSTALL TP
C122	W/W	L-850A	LED	/30/45/	R-7	STA:173+10.5	-2.5	
C123	W/W	L-850A	LED	/30/45/	R-7	STA:173+60.5	-2.5	
C124	W/W	L-850A	LED	/30/45/	R-7	STA:174+10.5	-2.5	
C125	W/W	L-850A	LED	/30/45/	R-7	STA:174+60.5	-2.5	
C126	W/W	L-850A	LED	/30/45/	R-7	STA:175+10.5	-2.5	
C127	W/W	L-850A	LED	/30/45/	R-7	STA:175+60.5	-2.5	
C128	W/W	L-850A	LED	/30/45/	R-7	STA:176+10.5	-2.5	
C129	W/W	L-850A	LED	/30/45/	R-7	STA:176+60.5	-2.5	
C130	W/W	L-850A	LED	/30/45/	R-7	STA:177+10.5	-2.5	
C131	W/W	L-850A	LED	/30/45/	R-7	STA:177+60.5	-2.5	
C132	W/W	L-850A	LED	/30/45/	R-7	STA:178+10.5	-2.5	
C133	W/W	L-850A	LED	/30/45/	R-7	STA:178+60.5	-2.5	
C134	W/W	L-850A	LED	/30/45/	R-7	STA:179+10.5	-2.5	
C135	W/W	L-850A	LED	/30/45/	R-7	STA:179+60.5	-2.5	

RUNWAY CENTERLINE LIGHT SCHEDULE

NUM	LENS COLOR	TYPE	WATTAGE LAMP	WATTAGE XFMR	CKT	RW 15–33 STATION	OFFSET	REMARKS
C136	W/W	L-850A	LED	/30/45/	R-7	STA:180+10.5	-2.5	
C137	W/W	L-850A	LED	/30/45/	R-7	STA:180+60.5	-2.5	
C138	W/W	L-850A	LED	/30/45/	R-7	STA:181+10.5	-2.5	
C139	W/W	L-850A	LED	/30/45/	R-7	STA:181+60.5	-2.5	
C140	W/W	L-850A	LED	/30/45/	R-7	STA:182+10.5	-2.5	
C141	W/W	L-850A	LED	/30/45/	R-7	STA:182+60.5	-2.5	INSTALL TP
C142	W/W	L-850A	LED	/30/45/	R-7	STA:183+10.5	-2.5	
C143	W/W	L-850A	LED	/30/45/	R-7	STA:183+60.5	-2.5	
C144	W/W	L-850A	LED	/30/45/	R-7	STA:184+10.5	-2.5	
C145	W/W	L-850A	LED	/30/45/	R-7	STA:184+60.5	-2.5	
C146	W/W	L-850A	LED	/30/45/	R-7	STA:185+10.5	-2.5	
C147	W/W	L-850A	LED	/30/45/	R-7	STA:185+60.5	-2.5	
C148	W/W	L-850A	LED	/30/45/	R-7	STA:186+10.5	-2.5	
C149	W/W	L-850A	LED	/30/45/	R-7	STA:186+60.5	-2.5	
C150	W/W	L-850A	LED	/30/45/	R-7	STA:187+10.5	-2.5	
C151	W/W	L-850A	LED	/30/45/	R-7	STA:187+60.5	-2.5	
C152	W/W	L-850A	LED	/30/45/	R-7	STA:188+10.5	-2.5	
C153	W/W	L-850A	LED	/30/45/	R-7	STA:188+60.5	-2.5	
C154	W/W	L-850A	LED	/30/45/	R-7	STA:189+10.5	-2.5	
C155	W/W	L-850A	LED	/30/45/	R-7	STA:189+60.5	-2.5	
C156	W/W	L-850A	LED	/30/45/	R-7	STA:190+10.5	-2.5	
C157	W/W	L-850A	LED	/30/45/	R-7	STA:190+60.5	-2.5	
C158	R/W	L-850A	LED	/30/45/	R-7	STA:191+10.5	-2.5	
C159	W/W	L-850A	LED	/30/45/	R-7	STA:191+60.5	-2.5	
C160	R/W	L-850A	LED	/30/45/	R-7	STA:192+10.5	-2.5	
C161	W/W	L-850A	LED	/30/45/	R-7	STA:192+60.5	-2.5	INSTALL TP
C162	R/W	L-850A	LED	/30/45/	R-7	STA:193+10.5	-2.5	
C163	W/W	L-850A	LED	/30/45/	R-7	STA:193+60.5	-2.5	
C164	R/W	L-850A	LED	/30/45/	R-7	STA:194+10.5	-2.5	
C165	W/W	L-850A	LED	/30/45/	R-7	STA:194+60.5	-2.5	
C166	R/W	L-850A	LED	/30/45/	R-7	STA:195+10.5	-2.5	
C167	W/W	L-850A	LED	/30/45/	R-7	STA:195+60.5	-2.5	
C168	R/W	L-850A	LED	/30/45/	R-7	STA:196+10.5	-2.5	
C169	W/W	L-850A	LED	/30/45/	R-7	STA:196+60.5	-2.5	
C170	R/W	L-850A	LED	/30/45/	R-7	STA:197+10.5	-2.5	
C171	W/W	L-850A	LED	/30/45/	R-7	STA:197+60.5	-2.5	
C172	R/W	L-850A	LED	/30/45/	R-7	STA:198+10.5	-2.5	
C173	W/W	L-850A	LED	/30/45/	R-7	STA:198+60.5	-2.5	
C174	R/W	L-850A	LED	/30/45/	R-7	STA:199+10.5	-2.5	
C175	W/W	L-850A	LED	/30/45/	R-7	STA:199+60.5	-2.5	
C176	R/W	L-850A	LED	/30/45/	R-7	STA:200+10.5	-2.5	
C177	W/W	L-850A	LED	/30/45/	R-7	STA:200+60.5	-2.5	
C178	R/W	L-850A	LED	/30/45/	R-7	STA:201+10.5	-2.5	
C179	W/W	L-850A	LED	/30/45/	R-7	STA:201+60.5	-2.5	
C180	R/W	L-850A	LED	/30/45/	R-7	STA:202+10.5	-2.5	

NOTES:
1. TP = TEST POINT, SEE DETAIL 2/E24.

PRELIMINARY

Designed By: LPS
Drawn By: JCA
Checked By: GRH
Date Revised: 2/05/2018, 6:23 PM
Layout Name: LAYOUT1
File Path and Name: U:\2046067200\drawing\E\Sheets\2046067200-ANC-E35-E40_C3D Schedules.dwg

STATE OF ALASKA 49 TH
LUCAS SCHNELLER
EE-11399
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
RUNWAY CENTERLINE LIGHT SCHEDULE

DATE: 2/5/2018

RUNWAY CENTERLINE LIGHT SCHEDULE

NUM	LENS COLOR	TYPE	WATTAGE LAMP	WATTAGE XFMR	CKT	RW 15–33 STATION	OFFSET	REMARKS
C181	W/W	L-850A	LED	/30/45/	R-7	STA:202+60.5	-2.5	INSTALL TP
C182	R/W	L-850A	LED	/30/45/	R-7	STA:203+10.5	-2.5	
C183	W/W	L-850A	LED	/30/45/	R-7	STA:203+60.5	-2.5	
C184	R/W	L-850A	LED	/30/45/	R-7	STA:204+10.5	-2.5	
C185	W/W	L-850A	LED	/30/45/	R-7	STA:204+60.5	-2.5	
C186	R/W	L-850A	LED	/30/45/	R-7	STA:205+10.5	-2.5	
C187	W/W	L-850A	LED	/30/45/	R-7	STA:205+60.5	-2.5	
C188	R/W	L-850A	LED	/30/45/	R-7	STA:206+10.5	-2.5	
C189	W/W	L-850A	LED	/30/45/	R-7	STA:206+60.5	-2.5	
C190	R/W	L-850A	LED	/30/45/	R-7	STA:207+10.5	-2.5	
C191	W/W	L-850A	LED	/30/45/	R-7	STA:207+60.5	-2.5	
C192	R/W	L-850A	LED	/30/45/	R-7	STA:208+10.5	-2.5	
C193	W/W	L-850A	LED	/30/45/	R-7	STA:208+60.5	-2.5	
C194	R/W	L-850A	LED	/30/45/	R-7	STA:209+10.5	-2.5	
C195	W/W	L-850A	LED	/30/45/	R-7	STA:209+60.5	-2.5	
C196	R/W	L-850A	LED	/30/45/	R-7	STA:210+10.5	-2.5	
C197	W/W	L-850A	LED	/30/45/	R-7	STA:210+60.5	-2.5	
C198	R/W	L-850A	LED	/30/45/	R-7	STA:211+10.5	-2.5	
C199	R/W	L-850A	LED	/30/45/	R-7	STA:211+60.5	-2.5	
C200	R/W	L-850A	LED	/30/45/	R-7	STA:212+10.5	-2.5	
C201	R/W	L-850A	LED	/30/45/	R-7	STA:212+60.5	-2.5	INSTALL TP
C202	R/W	L-850A	LED	/30/45/	R-7	STA:213+10.5	-2.5	
C203	R/W	L-850A	LED	/30/45/	R-7	STA:213+60.5	-2.5	
C204	R/W	L-850A	LED	/30/45/	R-7	STA:214+10.5	-2.5	
C205	R/W	L-850A	LED	/30/45/	R-7	STA:214+60.5	-2.5	
C206	R/W	L-850A	LED	/30/45/	R-7	STA:215+10.5	-2.5	
C207	R/W	L-850A	LED	/30/45/	R-7	STA:215+60.5	-2.5	
C208	R/W	L-850A	LED	/30/45/	R-7	STA:216+10.5	-2.5	
C209	R/W	L-850A	LED	/30/45/	R-7	STA:216+60.5	-2.5	
C210	R/W	L-850A	LED	/30/45/	R-7	STA:217+10.5	-2.5	
C211	R/W	L-850A	LED	/30/45/	R-7	STA:217+60.5	-2.5	
C212	R/W	L-850A	LED	/30/45/	R-7	STA:218+10.5	-2.5	
C213	R/W	L-850A	LED	/30/45/	R-7	STA:218+60.5	-2.5	
C214	R/W	L-850A	LED	/30/45/	R-7	STA:219+10.5	-2.5	
C215	R/W	L-850A	LED	/30/45/	R-7	STA:219+60.5	-2.5	
C216	R/W	L-850A	LED	/30/45/	R-7	STA:220+10.5	-2.5	

NOTES:
1. TP = TEST POINT, SEE DETAIL 2/E24.

RUNWAY EDGE LIGHT SCHEDULE

NUM	LENS COLOR	TYPE	WATTAGE LAMP	WATTAGE XFMR	CKT	RW 15–33 STATION	OFFSET	REMARKS
R1	R	L-862E	200	/200/	R-2	STA:111+91.5	110.0	
R2	R	L-862E	200	/200/	R-2	STA:111+91.5	100.0	
R3	R	L-862E	200	/200/	R-2	STA:111+91.5	90.0	
R4	R	L-862E	200	/200/	R-2	STA:111+91.5	80.0	
R5	R	L-862E	200	/200/	R-2	STA:111+91.5	-80.0	
R6	R	L-862E	200	/200/	R-2	STA:111+91.5	-90.0	
R7	R	L-862E	200	/200/	R-2	STA:111+91.5	-100.0	
R8	R	L-862E	200	/200/	R-2	STA:111+91.5	-110.0	
R9	R/Y	L-862	150	/150/	R-2	STA:113+47.5	-110.0	
R10	R/Y	L-862	150	/150/	R-2	STA:115+03.5	-110.0	NOTE 2, INSTALL TP
R11	G/Y	L-862E	200	/200/	R-2	STA:116+59.5	-110.0	
R12	G/O	L-862E	200	/200/	R-2	STA:116+59.5	-120.0	
R13	G/O	L-862E	200	/200/	R-2	STA:116+59.5	-130.0	
R14	G/O	L-862E	200	/200/	R-2	STA:116+59.5	-140.0	
R15	W/Y	L-850C	(2)105	/200/	R-2	STA:118+56.0	-110.0	
R16	W/Y	L-862	150	/150/	R-2	STA:120+52.5	-110.0	NOTE 2
R17	W/Y	L-862	150	/150/	R-2	STA:122+49.0	-110.0	NOTE 2
R18	W/Y	L-862	150	/150/	R-2	STA:124+45.5	-110.0	NOTE 2
R19	W/Y	L-862	150	/150/	R-2	STA:126+42.0	-110.0	NOTE 2
R20	W/Y	L-862	150	/150/	R-2	STA:128+38.5	-110.0	NOTE 2
R21	W/Y	L-862	150	/150/	R-2	STA:130+35.0	-110.0	INSTALL TP
R22	W	L-850C	(2)105	/200/	R-2	STA:132+31.6	-110.0	
R23	W	L-850C	(2)105	/200/	R-2	STA:134+28.1	-110.0	
R24	W	L-850C	(2)105	/200/	R-2	STA:136+24.6	-110.0	
R25	W	L-862	150	/150/	R-2	STA:138+21.1	-110.0	
R26	W	L-862	150	/150/	R-2	STA:140+17.6	-110.0	
R27	W	L-862	150	/150/	R-2	STA:142+14.1	-110.0	
R28	W	L-862	150	/150/	R-2	STA:144+10.6	-110.0	
R29	W	L-862	150	/150/	R-2	STA:146+07.1	-110.0	
R30	W	L-862	150	/150/	R-2	STA:148+03.6	-110.0	
R31	W	L-862	150	/150/	R-2	STA:150+00.1	-110.0	INSTALL TP
R32	W	L-862	150	/150/	R-2	STA:151+96.6	-110.0	
R33	W	L-862	150	/150/	R-2	STA:153+93.2	-110.0	
R34	W	L-862	150	/150/	R-2	STA:155+89.7	-110.0	
R35	W	L-862	150	/150/	R-2	STA:157+86.2	-110.0	
R36	W	L-862	150	/150/	R-2	STA:159+82.7	-110.0	
R37	W	L-862	150	/150/	R-2	STA:161+79.2	-110.0	
R38	W	L-862	150	/150/	R-2	STA:163+75.7	-110.0	
R39	W	L-862	150	/150/	R-2	STA:165+72.2	-110.0	
R40	W	L-862	150	/150/	R-2	STA:167+68.7	-110.0	INSTALL TP
R41	W	L-850C	(2)105	/200/	R-2	STA:169+65.2	-110.0	
R42	W	L-862	150	/150/	R-2	STA:171+61.7	-110.0	
R43	W	L-862	150	/150/	R-2	STA:173+58.2	-110.0	
R44	W	L-862	150	/150/	R-2	STA:175+54.8	-110.0	
R45	W	L-862	150	/150/	R-2	STA:177+51.3	-110.0	

RUNWAY EDGE LIGHT SCHEDULE

NUM	LENS COLOR	TYPE	WATTAGE LAMP	WATTAGE XFMR	CKT	RW 15–33 STATION	OFFSET	REMARKS
R46	W	L-862	150	/150/	R-2	STA:179+47.8	-110.0	
R47	W	L-862	150	/150/	R-2	STA:181+44.3	-110.0	
R48	W	L-862	150	/150/	R-2	STA:183+40.8	-110.0	
R49	W	L-862	150	/150/	R-2	STA:185+37.3	-110.0	INSTALL TP
R50	W	L-850C	(2)105	/200/	R-2	STA:187+33.8	-110.0	
R51	W	L-862	150	/150/	R-2	STA:189+30.3	-110.0	
R52	W	L-862	150	/150/	R-2	STA:191+26.8	-110.0	
R53	W	L-862	150	/150/	R-2	STA:193+23.3	-110.0	
R54	W	L-862	150	/150/	R-2	STA:195+19.9	-110.0	
R55	W	L-862	150	/150/	R-2	STA:197+16.4	-110.0	
R56	W	L-862	150	/150/	R-2	STA:199+12.9	-110.0	INSTALL TP
R57	Y/W	L-862	150	/150/	R-2	STA:201+09.4	-110.0	
R58	Y/W	L-850C	(2)105	/200/	R-2	STA:203+05.9	-110.0	
R59	Y/W	L-862	150	/150/	R-2	STA:205+02.4	-110.0	
R60	Y/W	L-862	150	/150/	R-2	STA:206+98.9	-110.0	
R61	Y/W	L-862	150	/150/	R-2	STA:208+95.4	-110.0	
R62	Y/W	L-862	150	/150/	R-2	STA:210+91.9	-110.0	
R63	Y/W	L-862	150	/150/	R-2	STA:212+88.4	-110.0	
R64	Y/W	L-862	150	/150/	R-2	STA:214+84.9	-110.0	
R65	Y/W	L-862	150	/150/	R-2	STA:216+81.5	-110.0	
R66	Y/W	L-862	150	/150/	R-2	STA:218+78.0	-110.0	
R67	R/G	L-862E	200	/200/	R-2	STA:220+74.5	-110.0	
R68	R/G	L-862E	200	/200/	R-2	STA:220+74.5	-100.0	
R69	R/G	L-862E	200	/200/	R-2	STA:220+74.5	-90.0	
R70	R/G	L-862E	200	/200/	R-2	STA:220+74.5	-80.0	
R71	R/G	L-862E	200	/200/	R-2	STA:220+74.5	80.0	
R72	R/G	L-862E	200	/200/	R-2	STA:220+74.5	90.0	
R73	R/G	L-862E	200	/200/	R-2	STA:220+74.5	100.0	
R74	R/G	L-862E	200	/200/	R-2	STA:220+74.5	110.0	
R75	Y/W	L-862	150	/150/	R-2	STA:218+78.0	110.0	
R76	Y/W	L-862	150	/150/	R-2	STA:216+81.5	110.0	
R77	Y/W	L-862	150	/150/	R-2	STA:214+84.9	110.0	
R78	Y/W	L-862	150	/150/	R-2	STA:212+88.4	110.0	
R79	Y/W	L-862	150	/150/	R-2	STA:210+91.9	110.0	
R80	Y/W	L-862	150	/150/	R-2	STA:208+95.4	110.0	
R81	Y/W	L-862	150	/150/	R-2	STA:206+98.9	110.0	
R82	Y/W	L-862	150	/150/	R-2	STA:205+02.4	110.0	
R83	Y/W	L-850C	(2)105	/200/	R-2	STA:203+05.9	110.0	
R84	Y/W	L-862	150	/150/	R-2	STA:201+09.4	110.0	INSTALL TP
R85	W	L-862	150	/150/	R-2	STA:199+12.9	110.0	
R86	W	L-862	150	/150/	R-2	STA:197+16.4	110.0	
R87	W	L-862	150	/150/	R-2	STA:195+19.9	110.0	
R88	W	L-862	150	/150/	R-2	STA:193+23.3	110.0	
R89	W	L-862	150	/150/	R-2	STA:191+26.8	110.0	
R90	W	L-862	150	/150/	R-2	STA:189+30.3	110.0	

RUNWAY EDGE LIGHT SCHEDULE

NUM	LENS COLOR	TYPE	WATTAGE LAMP	WATTAGE XFMR	CKT	RW 15–33 STATION	OFFSET	REMARKS
R91	W	L-850C	(2)105	/200/	R-2	STA:187+33.8	110.0	
R92	W	L-862	150	/150/	R-2	STA:185+37.3	110.0	INSTALL TP
R93	W	L-862	150	/150/	R-2	STA:183+40.8	110.0	
R94	W	L-862	150	/150/	R-2	STA:181+44.3	110.0	
R95	W	L-862	150	/150/	R-2	STA:179+47.8	110.0	
R96	W	L-862	150	/150/	R-2	STA:177+51.3	110.0	
R97	W	L-862	150	/150/	R-2	STA:175+54.8	110.0	
R98	W	L-862	150	/150/	R-2	STA:173+58.2	110.0	
R99	W	L-862	150	/150/	R-2	STA:171+61.7	110.0	
R100	W	L-850C	(2)105	/200/	R-2	STA:169+65.2	110.0	
R101	W	L-862	150	/150/	R-2	STA:167+68.7	110.0	INSTALL TP
R102	W	L-862	150	/150/	R-2	STA:165+72.2	110.0	
R103	W	L-862	150	/150/	R-2	STA:163+75.7	110.0	
R104	W	L-862	150	/150/	R-2	STA:161+79.2	110.0	
R105	W	L-862	150	/150/	R-2	STA:159+82.7	110.0	
R106	W	L-862	150	/150/	R-2	STA:157+86.2	110.0	
R107	W	L-862	150	/150/	R-2	STA:155+89.7	110.0	
R108	W	L-862	150	/150/	R-2	STA:153+93.2	110.0	
R109	W	L-862	150	/150/	R-2	STA:151+96.6	110.0	
R110	W	L-862	150	/150/	R-2	STA:150+00.1	110.0	INSTALL TP
R111	W	L-862	150	/150/	R-2	STA:148+03.6	110.0	
R112	W	L-862	150	/150/	R-2	STA:146+07.1	110.0	
R113	W	L-850C	(2)105	/200/	R-2	STA:144+10.6	110.0	
R114	W	L-850C	(2)105	/200/	R-2	STA:142+14.1	110.0	
R115	W	L-850C	(2)105	/200/	R-2	STA:140+17.6	110.0	
R116	W	L-850C	(2)105	/200/	R-2	STA:138+21.1	110.0	
R117	W	L-862	150	/150/	R-2	STA:136+24.6	110.0	
R118	W	L-862	150	/150/	R-2	STA:134+28.1	110.0	
R119	W	L-862	150	/150/	R-2	STA:132+31.6	110.0	
R120	W/Y	L-862	150	/150/	R-2	STA:130+35.0	110.0	INSTALL TP
R121	W/Y	L-862	150	/150/	R-2	STA:128+38.5	110.0	NOTE 2
R122	W/Y	L-862	150	/150/	R-2	STA:126+42.0	110.0	NOTE 2
R123	W/Y	L-862	150	/150/	R-2	STA:124+45.5	110.0	NOTE 2
R124	W/Y	L-862	150	/150/	R-2	STA:122+49.0	110.0	NOTE 2
R125	W/Y	L-862	150	/150/	R-2	STA:120+52.5	110.0	NOTE 2
R126	W/Y	L-850C	(2)105	/200/	R-2	STA:118+56.0	110.0	
R127	G/Y	L-862E	200	/200/	R-2	STA:116+59.5	110.0	
R128	G/O	L-862E	200	/200/	R-2	STA:116+59.5	120.0	
R129	G/O	L-862E	200	/200/	R-2	STA:116+59.5	130.0	
R130	G/O	L-862E	200	/200/	R-2	STA:116+59.5	140.0	
R131	R/Y	L-862	150	/150/	R-2	STA:115+03.5	110.0	NOTE 2
R132	R/Y	L-862	150	/150/	R-2	STA:113+47.5	110.0	NOTE 2

NOTES:
1. TP = TEST POINT, SEE DETAIL 2/E24.
2. INSTALL 120 WAYY LAMP DURING PHASES 1 AND 2. REPLACE WITH 150 WATT LAMP DURING PHASE 3.

PRELIMINARY

Designed By: LPS
Drawn By: JCA
Checked By: GRH

Date Revised: 2/05/2018, 6:23 PM
Layout Name: LAYOUT2
File Path and Name: U:\2046067200\drawing\ES\Sheets\2046067200-ANC-E35-E40_C3D Schedules.dwg

STATE OF ALASKA
49 TH
LUCAS SCHNELLER
EE-11399
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
RUNWAY CENTERLINE LIGHT SCHEDULE

DATE: 2/5/2018
SHEET: E37 OF 41

TAXIWAY CENTERLINE LIGHT SCHEDULE

NUM	LENS COLOR	TYPE	WATTAGE LAMP	WATTAGE XFMR	CKT	STATION	OFFSET	REMARKS
T1	G/Y	L-852D	EXST	65	T-18	TW K West STA: 1122+22.1	2.5	NOTE 2
T2	G/G	L-852D	EXST	65	T-18	TW K West STA: 1122+70.7	2.5	NOTE 2
T3	Y/Y	L-852D	EXST	65	T-18	TW K West STA: 1123+19.4	2.5	NOTE 2
T4	G/G	L-852D	EXST	65	T-18	TW K West STA: 1123+68.0	2.5	NOTE 2, INSTALL TP
T5	Y/Y	L-852D	EXST	65	T-18	TW K West STA: 1124+16.7	2.5	NOTE 2
T6	G/G	L-852D	EXST	65	T-18	TW K West STA: 1124+65.3	2.5	NOTE 2
T7	G/G	L-852D	EXST	65	T-18	TW K West STA: 1125+14.0	2.5	NOTE 2
T8	Y/Y	L-852D	EXST	65	T-18	TW K East STA: 1125+62.6	2.5	NOTE 2
T9	G/G	L-852D	EXST	65	T-18	TW K East STA: 1126+11.2	2.5	NOTE 2
T10	Y/Y	L-852D	EXST	65	T-18	TW K East STA: 1126+59.9	2.5	NOTE 2, INSTALL TP
T11	G/G	L-852D	EXST	65	T-18	TW K East STA: 1127+08.5	2.5	NOTE 2
T12	Y/Y	L-852D	EXST	65	T-18	TW K East STA: 1127+57.2	2.5	NOTE 2
T13	G/G	L-852D	EXST	65	T-18	TW K East STA: 1128+05.8	2.5	NOTE 2
T14	Y/O	L-852K	LED	30/45	T-18	TW K West STA: 1123+64.1	-2.5	
T15	G/O	L-852K	LED	30/45	T-18	TW K West STA: 1123+87.8	-4.9	
T16	Y/O	L-852K	LED	30/45	T-18	TW K West STA: 1124+10.6	-12.1	
T17	G/O	L-852K	LED	30/45	T-18	TW K West STA: 1124+31.5	-23.8	
T18	Y/O	L-852K	LED	30/45	T-18	TW K West STA: 1124+49.5	-39.4	
T19	G/O	L-852K	LED	30/45	T-18	TW K West STA: 1124+64.1	-58.3	
T20	Y/O	L-852K	LED	30/45	T-18	TW K West STA: 1124+74.5	-79.8	
T21	G/O	L-852K	LED	30/45	T-18	TW K West STA: 1124+80.3	-103.0	
T22	Y/O	L-852K	LED	30/45	T-18	TW K West STA: 1124+81.4	-126.8	
T23	G/O	L-852K	LED	30/45	T-18	TW K West STA: 1124+77.6	-150.4	
T24	O/G	L-852K	LED	30/45	T-18	TW K East STA: 1126+44.4	-2.5	
T25	O/Y	L-852K	LED	30/45	T-18	TW K East STA: 1126+20.3	-4.5	
T26	O/G	L-852K	LED	30/45	T-18	TW K East STA: 1125+96.9	-10.3	
T27	O/Y	L-852K	LED	30/45	T-18	TW K East STA: 1125+74.8	-19.9	
T28	O/G	L-852K	LED	30/45	T-18	TW K East STA: 1125+54.6	-33.0	
T29	O/Y	L-852K	LED	30/45	T-18	TW K East STA: 1125+36.7	-49.2	
T30	O/G	L-852K	LED	30/45	T-18	TW K West STA: 1125+21.7	-68.0	
T31	O/Y	L-852K	LED	30/45	T-18	TW K West STA: 1125+10.0	-89.1	
T32	O/G	L-852K	LED	30/45	T-18	TW K West STA: 1125+01.9	-111.8	
T33	G/G	L-852D	LED	30/45	T-22	TW L West STA: 12+78.6	-2.5	INSTALL TP
T34	Y/Y	L-852D	LED	30/45	T-22	TW L West STA: 13+27.2	-2.5	
T35	G/G	L-852D	LED	30/45	T-22	TW L West STA: 13+75.8	-2.5	
T36	Y/Y	L-852D	LED	30/45	T-22	TW L West STA: 14+24.4	-2.5	
T37	G/G	L-852D	LED	30/45	T-22	TW L West STA: 14+73.0	-2.5	
T38	G/G	L-852D	LED	30/45	T-22	TW L West STA: 15+21.6	-2.5	
T39	Y/Y	L-852D	LED	30/45	T-22	TW L East STA: 0+43.8	-2.5	
T40	G/G	L-852D	LED	30/45	T-22	TW L East STA: 0+92.4	-2.5	
T41	Y/Y	L-852D	LED	30/45	T-22	TW L East STA: 1+41.1	-2.5	
T42	G/G	L-852D	LED	30/45	T-22	TW L East STA: 1+89.7	-2.5	
T43	Y/Y	L-852D	LED	30/45	T-22	TW L East STA: 2+38.3	-2.5	
T44	G/G	L-852D	LED	30/45	T-22	TW L East STA: 2+86.9	-2.5	
T45	Y/Y	L-852K	LED	30/45	T-22	TW W STA: 15+29.4	-10.6	REINSTALL EXST FIXT, INSTALL TP

TAXIWAY CENTERLINE LIGHT SCHEDULE

NUM	LENS COLOR	TYPE	WATTAGE LAMP	WATTAGE XFMR	CKT	STATION	OFFSET	REMARKS
T46	Y/Y	L-852D	LED	30/45	T-22	TW W STA: 15+29.1	-2.5	
T47	G/G	L-852K	LED	30/45	T-22	TW W STA: 15+53.6	-4.5	
T48	Y/Y	L-852D	LED	30/45	T-22	TW W STA: 15+78.5	-2.5	
T49	G/G	L-852D	LED	30/45	T-22	TW W STA: 16+15.1	-2.5	
T50	Y/Y	L-852D	LED	30/45	T-22	TW W STA: 16+64.2	-3.3	
T51	G/G	L-852D	LED	30/45	T-22	TW W STA: 17+13.4	-5.7	
T52	Y/Y	L-852D	LED	30/45	T-22	TW W STA: 17+62.4	-9.8	
T53	G/G	L-852D	LED	30/45	T-22	TW W STA: 18+11.3	-15.4	
T54	Y/Y	L-852D	LED	30/45	T-22	TW W STA: 18+59.9	-22.7	
T55	G/G	L-852D	LED	30/45	T-22	TW W STA: 19+08.3	-31.5	
T56	Y/Y	L-852D	LED	30/45	T-22	TW W STA: 19+56.4	-41.9	
T57	G/G	L-852D	LED	30/45	T-22	TW W STA: 20+04.1	-53.9	
T58	Y/Y	L-852D	LED	30/45	T-22	RW 15-33 STA: 135+34.6	-40.8	
T59	G/G	L-852D	LED	30/45	T-22	RW 15-33 STA: 135+82.6	-30.3	
T60	Y/Y	L-852D	LED	30/45	T-22	RW 15-33 STA: 136+31.1	-21.7	
T61	G/G	L-852D	LED	30/45	T-22	RW 15-33 STA: 136+79.8	-15.1	
T62	Y/Y	L-852D	LED	30/45	T-22	RW 15-33 STA: 137+28.8	-10.3	
T63	G/G	L-852D	LED	30/45	T-22	RW 15-33 STA: 137+77.9	-7.5	
T64	Y/Y	L-852D	LED	30/45	T-22	RW 15-33 STA: 138+27.9	-7.5	
T65	G/G	L-852D	LED	30/45	T-22	RW 15-33 STA: 138+77.9	-7.5	
T66	Y/Y	L-852D	LED	30/45	T-22	RW 15-33 STA: 139+27.9	-7.5	
T67	G/G	L-852D	LED	30/45	T-22	RW 15-33 STA: 139+77.9	-7.5	
T68	G/Y	L-852D	LED	30/45	T-21	TW M STA: 6+94.7	-2.5	INSTALL TP
T69	G/G	L-852D	LED	30/45	T-21	TW M STA: 6+45.9	-2.5	
T70	Y/Y	L-852D	LED	30/45	T-21	TW M STA: 5+97.1	-2.5	
T71	G/G	L-852D	LED	30/45	T-21	TW M STA: 5+48.3	-2.5	
T72	Y/Y	L-852D	LED	30/45	T-21	TW M STA: 4+99.5	-2.5	
T73	G/G	L-852D	LED	30/45	T-21	TW M STA: 4+50.7	-2.5	
T74	Y/Y	L-852D	LED	30/45	T-21	TW M STA: 4+01.9	-2.5	
T75	G/G	L-852D	LED	30/45	T-21	TW M STA: 3+54.7	-3.2	
T76	Y/Y	L-852D	LED	30/45	T-21	TW M STA: 3+07.5	-5.5	
T77	G/G	L-852D	LED	30/45	T-21	TW M STA: 2+60.3	-9.2	
T78	Y/Y	L-852D	LED	30/45	T-21	TW M STA: 2+13.4	-14.4	
T79	G/G	L-852D	LED	30/45	T-21	TW M STA: 1+66.6	-21.1	
T80	Y/Y	L-852D	LED	30/45	T-21	TW M STA: 1+20.0	-29.3	
T81	G/G	L-852D	LED	30/45	T-21	TW M STA: 0+73.8	-38.9	
T82	Y/Y	L-852D	LED	30/45	T-21	TW M STA: 0+27.8	-50.0	
T83	G/G	L-852D	LED	30/45	T-21	RW 15-33 STA: 143+86.7	45.3	
T84	Y/Y	L-852D	LED	30/45	T-21	RW 15-33 STA: 144+32.8	34.8	
T85	G/G	L-852D	LED	30/45	T-21	RW 15-33 STA: 144+79.2	25.7	
T86	Y/Y	L-852D	LED	30/45	T-21	RW 15-33 STA: 145+25.9	18.2	
T87	G/G	L-852D	LED	30/45	T-21	RW 15-33 STA: 145+72.7	12.1	
T88	Y/Y	L-852D	LED	30/45	T-21	RW 15-33 STA: 146+19.8	7.5	
T89	G/G	L-852D	LED	30/45	T-21	RW 15-33 STA: 146+69.8	7.5	
T90	Y/Y	L-852D	LED	30/45	T-21	RW 15-33 STA: 147+19.8	7.5	

TAXIWAY CENTERLINE LIGHT SCHEDULE

NUM	LENS COLOR	TYPE	WATTAGE LAMP	WATTAGE XFMR	CKT	STATION	OFFSET	REMARKS
T91	G/G	L-852D	LED	30/45	T-21	RW 15-33 STA: 147+69.8	7.5	
T92	G/G	L-852D	LED	30/45	T-21	RW 15-33 STA: 148+19.8	7.5	
T93	G/G	L-852D	LED	30/45	T-22	TW U West STA: 12+65.0	2.5	INSTALL TP
T94	Y/Y	L-852D	LED	30/45	T-22	TW U West STA: 13+14.6	2.5	
T95	G/G	L-852D	LED	30/45	T-22	TW U West STA: 13+64.4	2.5	
T96	Y/Y	L-852D	LED	30/45	T-22	TW U West STA: 14+14.1	2.5	
T97	G/G	L-852D	LED	30/45	T-22	TW U West STA: 14+63.9	2.5	
T98	Y/Y	L-852D	LED	30/45	T-22	TW U East STA: 0+05.1	2.5	
T99	G/G	L-852D	LED	30/45	T-22	TW U East STA: 0+54.8	2.5	
T100	Y/Y	L-852D	LED	30/45	T-22	TW U East STA: 1+04.6	2.5	
T101	G/G	L-852D	LED	30/45	T-22	TW U East STA: 1+54.3	2.5	
T102	Y/Y	L-852D	LED	30/45	T-22	TW U East STA: 2+04.0	2.5	
T103	G/G	L-852D	LED	30/45	T-22	TW U East STA: 2+53.8	2.5	
T104	G/G	L-852D	LED	30/45	T-22	TW T West STA: 12+64.2	2.5	INSTALL TP
T105	Y/Y	L-852D	LED	30/45	T-22	TW T West STA: 13+14.6	2.5	
T106	G/G	L-852D	LED	30/45	T-22	TW T West STA: 13+64.4	2.5	
T107	Y/Y	L-852D	LED	30/45	T-22	TW T West STA: 14+14.1	2.5	
T108	G/G	L-852D	LED	30/45	T-22	TW T West STA: 14+63.8	2.5	
T109	Y/Y	L-852D	LED	30/45	T-22	TW T East STA: 0+05.0	2.5	
T110	G/G	L-852D	LED	30/45	T-22	TW T East STA: 0+54.8	2.5	
T111	Y/Y	L-852D	LED	30/45	T-22	TW T East STA: 1+04.5	2.5	
T112	G/G	L-852D	LED	30/45	T-22	TW T East STA: 1+54.2	2.5	
T113	Y/Y	L-852D	LED	30/45	T-22	TW T East STA: 2+04.0	2.5	
T114	G/G	L-852D	LED	30/45	T-22	TW T East STA: 2+53.7	2.5	
T115	G/G	L-852D	LED	30/45	T-22	TW S West STA: 12+64.8	-2.5	INSTALL TP
T116	Y/Y	L-852D	LED	30/45	T-22	TW S West STA: 13+14.7	-2.5	
T117	G/G	L-852D	LED	30/45	T-22	TW S West STA: 13+64.4	-2.5	
T118	Y/Y	L-852D	LED	30/45	T-22	TW S West STA: 14+14.1	-2.5	
T119	G/G	L-852D	LED	30/45	T-22	TW S West STA: 14+63.9	-2.5	
T120	Y/Y	L-852D	LED	30/45	T-22	TW S East STA: 0+05.1	-2.5	
T121	G/G	L-852D	LED	30/45	T-22	TW S East STA: 0+54.8	-2.5	
T122	Y/Y	L-852D	LED	30/45	T-22	TW S East STA: 1+04.6	-2.5	
T123	G/G	L-852D	LED	30/45	T-22	TW S East STA: 1+54.3	-2.5	
T124	Y/Y	L-852D	LED	30/45	T-22	TW S East STA: 2+04.0	-2.5	
T125	G/G	L-852D	LED	30/45	T-22	TW S East STA: 2+53.8	-2.5	
T126	O/G	L-852K	LED	30/45	T-21	TW Q STA: 0+07.5	149.5	
T127	O/Y	L-852K	LED	30/45	T-21	TW Q STA: 0+09.3	126.5	
T128	O/G	L-852K	LED	30/45	T-21	TW Q STA: 0+14.7	104.1	
T129	O/Y	L-852K	LED	30/45	T-21	TW Q STA: 0+23.5	82.8	
T130	O/G	L-852K	LED	30/45	T-21	TW Q STA: 0+35.6	63.1	
T131	O/Y	L-852K	LED	30/45	T-21	TW Q STA: 0+50.6	45.6	
T132	O/G	L-852K	LED	30/45	T-21	TW Q STA: 0+68.1	30.6	
T133	O/Y	L-852K	LED	30/45	T-21	TW Q STA: 0+87.8	18.5	
T134	O/G	L-852K	LED	30/45	T-21	TW Q STA: 1+09.1	9.7	
T135	O/Y	L-852K	LED	30/45	T-21	TW Q STA: 1+31.5	4.3	

NOTES:
1. TP = TEST POINT, SEE DETAIL 2/E24.
2. REINSTALL EXISTING FIXTURE AND TRANSFORMER ON NEW LIGHT BASE ASSEMBLY.

PRELIMINARY

Designed By: LPS
Drawn By: JCA
Checked By: GRH

Date Revised: 2/05/2018, 6:23 PM
Layout Name: LAYOUT3
File Path and Name: U:\2046067200\drawing\E\Sheets\2046067200-ANC-E35-E40_C3D Schedules.dwg

STATE OF ALASKA
49 TH
LUCAS SCHNELLER
EE-11399
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
TAXIWAY CENTERLINE LIGHT SCHEDULE

DATE: 2/5/2018

TAXIWAY CENTERLINE LIGHT SCHEDULE

NUM	LENS COLOR	TYPE	WATTAGE LAMP	WATTAGE XFMR	CKT	STATION	OFFSET	REMARKS
T136	G/G	L-852D	LED	30/45	T-21	TW Q STA: 1+54.5	-2.5	
T137	Y/Y	L-852D	LED	30/45	T-21	TW Q STA: 2+03.7	-2.5	
T138	G/G	L-852D	LED	30/45	T-21	TW Q STA: 2+53.0	-2.5	
T139	Y/G	L-852D	LED	30/45	T-21	TW Q STA: 3+02.2	-2.5	INSTALL TP
T140	G/G	L-852D	LED	30/45	T-21	TW Q STA: 3+51.5	-2.5	
T141	G/G	L-852D	LED	30/45	T-21	TW Q STA: 4+00.7	-2.5	
T142	G/G	L-852K	LED	30/45	T-21	TW Q STA: 4+50.0	-2.5	
T143	G/G	L-852K	LED	30/45	T-21	TW Q STA: 4+73.8	-0.6	
T144	G/G	L-852K	LED	30/45	T-21	TW Q STA: 4+97.1	5.0	
T145	G/G	L-852K	LED	30/45	T-21	TW Q STA: 5+19.2	14.1	
T146	G/G	L-852K	LED	30/45	T-21	TW Q STA: 5+39.6	26.6	
T147	G/G	L-852K	LED	30/45	T-21	TW Q STA: 5+57.8	42.2	
T148	G/G	L-852K	LED	30/45	T-21	TW R STA: 439+15.1	-26.6	
T149	G/G	L-852K	LED	30/45	T-21	TW R STA: 438+94.7	-14.1	
T150	G/G	L-852K	LED	30/45	T-21	TW R STA: 438+72.6	-5.0	
T151	G/G	L-852K	LED	30/45	T-21	TW R STA: 438+49.3	0.6	
T152	G/G	L-852K	LED	30/45	T-21	TW R STA: 438+25.4	2.0	
T153	G/G	L-852C	LED	30/45	T-30	TW R STA: 437+78.0	2.0	
T154	G/G	L-852C	LED	30/45	T-21	TW R STA: 437+30.6	2.0	
T155	G/G	L-852C	LED	30/45	T-30	TW R STA: 436+83.1	2.0	
T156	G/G	L-852C	LED	30/45	T-21	TW R STA: 436+35.7	2.0	
T157	G/G	L-852C	LED	30/45	T-30	TW R STA: 435+88.3	2.0	
T158	G/G	L-852C	LED	30/45	T-21	TW R STA: 435+40.8	2.0	
T159	G/G	L-852C	LED	30/45	T-30	TW R STA: 434+93.4	2.0	
T160	G/G	L-852C	LED	30/45	T-21	TW R STA: 434+45.9	2.0	
T161	G/G	L-852C	LED	30/45	T-30	TW R STA: 433+98.5	2.0	

NOTES:
1. TP = TEST POINT, SEE DETAIL 2/E24.

RUNWAY GUARD LIGHT SCHEDULE

NUM	LENS COLOR	TYPE	WATTAGE LAMP	WATTAGE XFMR	CKT	STATION	OFFSET	REMARKS
H1	Y	L-804	LED	30/45	T-29	TW K East STA: 1128+17.8	68.3	NOTE 1
H2	Y	L-852G	LED	30/45	T-29	TW K East STA: 1128+17.8	51.7	NOTE 1
H3	Y	L-852G	LED	30/45	T-29	TW K East STA: 1128+17.8	41.8	NOTE 1
H4	Y	L-852G	LED	30/45	T-29	TW K East STA: 1128+17.8	32.0	NOTE 1
H5	Y	L-852G	LED	30/45	T-29	TW K East STA: 1128+17.8	22.2	NOTE 1
H6	Y	L-852G	LED	30/45	T-29	TW K East STA: 1128+17.8	12.3	NOTE 1
H7	Y	L-852G	LED	30/45	T-29	TW K East STA: 1128+17.8	2.5	NOTE 1
H8	Y	L-852G	LED	30/45	T-29	TW K East STA: 1128+17.8	-7.3	NOTE 1
H9	Y	L-852G	LED	30/45	T-29	TW K East STA: 1128+17.8	-17.2	NOTE 1
H10	Y	L-852G	LED	30/45	T-29	TW K East STA: 1128+17.8	-27.0	NOTE 1
H11	Y	L-852G	LED	30/45	T-29	TW K East STA: 1128+17.8	-36.8	NOTE 1
H12	Y	L-852G	LED	30/45	T-29	TW K East STA: 1128+17.8	-46.7	NOTE 1
H13	Y	L-804	LED	30/45	T-29	TW K East STA: 1128+17.8	-61.5	NOTE 1
H14	Y	L-804	LED	30/45	T-29	TW L East STA: 2+92.9	64.5	
H15	Y	L-852G	LED	30/45	T-29	TW L East STA: 2+92.9	49.2	
H16	Y	L-852G	LED	30/45	T-29	TW L East STA: 2+92.9	39.3	
H17	Y	L-852G	LED	30/45	T-29	TW L East STA: 2+92.9	29.5	
H18	Y	L-852G	LED	30/45	T-29	TW L East STA: 2+92.9	19.7	
H19	Y	L-852G	LED	30/45	T-29	TW L East STA: 2+92.9	9.8	
H20	Y	L-852G	LED	30/45	T-29	TW L East STA: 2+92.9	0.0	
H21	Y	L-852G	LED	30/45	T-29	TW L East STA: 2+92.9	-9.8	
H22	Y	L-852G	LED	30/45	T-29	TW L East STA: 2+92.9	-19.7	
H23	Y	L-852G	LED	30/45	T-29	TW L East STA: 2+92.9	-29.5	
H24	Y	L-852G	LED	30/45	T-29	TW L East STA: 2+92.9	-39.3	
H25	Y	L-852G	LED	30/45	T-29	TW L East STA: 2+92.9	-49.2	
H26	Y	L-804	LED	30/45	T-29	TW L East STA: 2+92.9	-61.5	
H27	Y	L-804	LED	30/45	T-29	TW M STA: 6+61.5	80.2	NOTE 1
H28	Y	L-852G	LED	30/45	T-29	TW M STA: 6+61.5	56.5	NOTE 1
H29	Y	L-852G	LED	30/45	T-29	TW M STA: 6+61.5	46.7	NOTE 1
H30	Y	L-852G	LED	30/45	T-29	TW M STA: 6+61.5	36.8	NOTE 1
H31	Y	L-852G	LED	30/45	T-29	TW M STA: 6+61.5	27.0	NOTE 1
H32	Y	L-852G	LED	30/45	T-29	TW M STA: 6+61.5	17.2	NOTE 1
H33	Y	L-852G	LED	30/45	T-29	TW M STA: 6+61.5	7.3	NOTE 1
H34	Y	L-852G	LED	30/45	T-29	TW M STA: 6+61.5	-2.5	NOTE 1
H35	Y	L-852G	LED	30/45	T-29	TW M STA: 6+61.5	-12.3	NOTE 1
H36	Y	L-852G	LED	30/45	T-29	TW M STA: 6+61.5	-22.2	NOTE 1
H37	Y	L-852G	LED	30/45	T-29	TW M STA: 6+61.5	-32.0	NOTE 1
H38	Y	L-852G	LED	30/45	T-29	TW M STA: 6+61.5	-41.8	NOTE 1
H39	Y	L-852G	LED	30/45	T-29	TW M STA: 6+61.5	-51.7	NOTE 1
H40	Y	L-852G	LED	30/45	T-29	TW M STA: 6+61.5	-61.5	NOTE 1
H41	Y	L-804	LED	30/45	T-29	TW M STA: 6+61.5	-83.2	NOTE 1
H42	Y	L-804	LED	30/45	T-29	TW Q STA: 2+83.0	65.0	
H43	Y	L-852G	LED	30/45	T-29	TW Q STA: 2+83.0	46.7	
H44	Y	L-852G	LED	30/45	T-29	TW Q STA: 2+83.0	36.8	
H45	Y	L-852G	LED	30/45	T-29	TW Q STA: 2+83.0	27.0	

RUNWAY GUARD LIGHT SCHEDULE

NUM	LENS COLOR	TYPE	WATTAGE LAMP	WATTAGE XFMR	CKT	STATION	OFFSET	REMARKS
H46	Y	L-852G	LED	30/45	T-29	TW Q STA: 2+83.0	17.2	
H47	Y	L-852G	LED	30/45	T-29	TW Q STA: 2+83.0	7.3	
H48	Y	L-852G	LED	30/45	T-29	TW Q STA: 2+83.0	-2.5	
H49	Y	L-852G	LED	30/45	T-29	TW Q STA: 2+83.0	-12.3	
H50	Y	L-852G	LED	30/45	T-29	TW Q STA: 2+83.0	-22.2	
H51	Y	L-852G	LED	30/45	T-29	TW Q STA: 2+83.0	-32.0	
H52	Y	L-804	LED	30/45	T-29	TW Q STA: 2+83.0	-52.5	
H53	Y	L-804	LED	30/45	T-27	TW K West STA: 1122+32.0	76.2	
H54	Y	L-852G	LED	30/45	T-27	TW K West STA: 1122+32.0	59.0	
H55	Y	L-852G	LED	30/45	T-27	TW K West STA: 1122+32.0	49.2	
H56	Y	L-852G	LED	30/45	T-27	TW K West STA: 1122+32.0	39.3	
H57	Y	L-852G	LED	30/45	T-27	TW K West STA: 1122+32.0	29.5	
H58	Y	L-852G	LED	30/45	T-27	TW K West STA: 1122+32.0	19.7	
H59	Y	L-852G	LED	30/45	T-27	TW K West STA: 1122+32.0	9.8	
H60	Y	L-852G	LED	30/45	T-27	TW K West STA: 1122+32.0	0.0	
H61	Y	L-852G	LED	30/45	T-27	TW K West STA: 1122+32.0	-9.8	
H62	Y	L-852G	LED	30/45	T-27	TW K West STA: 1122+32.0	-19.7	
H63	Y	L-852G	LED	30/45	T-27	TW K West STA: 1122+32.0	-29.5	
H64	Y	L-852G	LED	30/45	T-27	TW K West STA: 1122+32.0	-39.3	
H65	Y	L-852G	LED	30/45	T-27	TW K West STA: 1122+32.0	-49.2	
H66	Y	L-804	LED	30/45	T-27	TW K West STA: 1122+32.0	-63.4	

NOTES:
1. REINSTALL EXISTING FIXTURE, BASEPLATE (WHERE APPLICABLE), AND TRANSFORMER ON NEW LIGHT BASE ASSEMBLY.

PRELIMINARY

Designed By: LPS
Drawn By: JCA
Checked By: GRH
Date Revised: 2/05/2018, 6:23 PM
Layout Name: LAYOUT4
File Path and Name: U:\2046067200\drawing\E\Sheets\2046067200-ANC-E35-E40_C3D Schedules.dwg

STATE OF ALASKA 49TH LUCAS SCHNELLER EE-11399 REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
TAXIWAY CENTERLINE AND
RUNWAY GUARD LIGHT SCHEDULE

DATE: 2/5/2018

TAXIWAY EDGE LIGHT SCHEDULE

NUM	LENS COLOR	TYPE	WATTAGE LAMP	WATTAGE XFMR	CKT	STATION	OFFSET	REMARKS
E1	B	L-861T	30	30/45	T-23	TW K West STA: 1124+24.0	60.0	
E2	B	L-861T	30	30/45	T-23	TW K West STA: 1123+82.7	60.0	
E3	B	L-861T	30	30/45	T-23	TW K West STA: 1123+41.5	60.0	
E4	B	L-861T	30	30/45	T-23	TW K West STA: 1123+00.3	60.0	
E5	B	L-861T	30	30/45	T-23	TW K West STA: 1122+59.0	60.0	
E6	B	L-861T	30	30/45	T-23	TW K West STA: 1122+19.8	81.3	INSTALL TP
E7	B	L-861T	30	30/45	T-23	TW K West STA: 1122+21.5	-60.1	INSTALL TP
E8	B	L-861T	30	30/45	T-23	TW K West STA: 1122+58.0	-66.3	
E9	B	L-861T	30	30/45	T-23	TW K West STA: 1122+94.5	-72.4	
E10	B	L-861T	30	30/45	T-23	TW K West STA: 1123+24.4	-81.9	
E11	B	L-861T	30	30/45	T-23	TW K West STA: 1123+54.2	-91.3	
E12	B	L-861T	30	30/45	T-23	TW K West STA: 1123+70.8	-99.5	
E13	B	L-861T	30	30/45	T-23	TW K West STA: 1123+79.3	-106.5	
E14	B	L-861T	30	30/45	T-23	TW K West STA: 1123+74.5	-105.2	
E15	B	L-861T	30	30/45	T-3	TW K East STA: 1126+57.9	60.0	
E16	B	L-861T	30	30/45	T-3	TW K East STA: 1126+95.1	60.0	
E17	B	L-861T	30	30/45	T-3	TW K East STA: 1127+32.3	60.0	
E18	B	L-861T	30	30/45	T-3	TW K East STA: 1127+69.4	60.0	
E19	B	L-861T	30	30/45	T-3	TW K East STA: 1128+30.8	68.6	INSTALL TP
E20	B	L-861T	30	30/45	T-3	TW K East STA: 1128+10.5	-60.0	
E21	B	L-861T	30	30/45	T-3	TW K East STA: 1127+76.3	-60.0	
E22	B	L-861T	30	30/45	T-3	TW K East STA: 1127+42.2	-60.0	
E23	B	L-861T	30	30/45	T-3	TW K East STA: 1126+98.4	-67.6	
E24	B	L-861T	30	30/45	T-3	TW K East STA: 1126+54.7	-75.2	
E25	B	L-861T	30	30/45	T-3	TW K East STA: 1126+18.5	-87.2	
E26	B	L-861T	30	30/45	T-3	TW K East STA: 1126+23.3	-88.5	
E27	B	L-861T	30	30/45	T-23	TW L West STA: 14+27.5	86.8	
E28	B	L-861T	30	30/45	T-23	TW L West STA: 14+32.3	85.5	
E29	B	L-861T	30	30/45	T-23	TW L West STA: 13+96.5	74.7	
E30	B	L-861T	30	30/45	T-23	TW L West STA: 13+66.7	69.1	
E31	B	L-861T	30	30/45	T-23	TW L West STA: 13+36.9	63.4	
E32	B	L-861T	30	30/45	T-23	TW L West STA: 13+10.0	63.4	
E33	B	L-861T	30	30/45	T-23	TW L West STA: 12+83.1	63.4	
E34	B	L-861T	30	30/45	T-23	TW L West STA: 12+61.5	-66.6	
E35	B	L-861T	30	30/45	T-23	TW L West STA: 13+00.0	-73.1	
E36	B	L-861T	30	30/45	T-23	TW L West STA: 13+27.9	-82.2	
E37	B	L-861T	30	30/45	T-23	TW L West STA: 13+55.7	-91.3	
E38	B	L-861T	30	30/45	T-23	TW L West STA: 13+72.3	-99.5	
E39	B	L-861T	30	30/45	T-23	TW L West STA: 13+80.9	-106.5	
E40	B	L-861T	30	30/45	T-23	TW L West STA: 13+76.1	-105.2	
E41	B	L-861T	30	30/45	T-13	TW L East STA: 1+50.1	104.2	
E42	B	L-861T	30	30/45	T-13	TW L East STA: 1+45.2	105.5	
E43	B	L-861T	30	30/45	T-13	TW L East STA: 1+70.8	91.3	
E44	B	L-861T	30	30/45	T-13	TW L East STA: 2+05.9	81.0	
E45	B	L-861T	30	30/45	T-13	TW L East STA: 2+41.1	70.8	

TAXIWAY EDGE LIGHT SCHEDULE

NUM	LENS COLOR	TYPE	WATTAGE LAMP	WATTAGE XFMR	CKT	STATION	OFFSET	REMARKS
E46	B	L-861T	30	30/45	T-13	TW L East STA: 2+77.1	65.4	
E47	B	L-861T	30	30/45	T-13	TW L East STA: 3+13.0	60.0	INSTALL TP
E48	B	L-861T	30	30/45	T-13	TW L East STA: 3+03.8	-60.0	INSTALL TP
E49	B	L-861T	30	30/45	T-13	TW L East STA: 2+76.4	-60.0	
E50	B	L-861T	30	30/45	T-13	TW L East STA: 2+48.9	-60.0	
E51	B	L-861T	30	30/45	T-13	TW L East STA: 2+21.4	-60.0	
E52	B	L-861T	30	30/45	T-13	TW L East STA: 1+75.6	-67.4	
E53	B	L-861T	30	30/45	T-13	TW L East STA: 1+29.8	-74.8	
E54	B	L-861T	30	30/45	T-13	TW L East STA: 0+94.0	-85.9	
E55	B	L-861T	30	30/45	T-13	TW L East STA: 0+98.8	-87.2	
E56	B	L-861T	30	30/45	T-23	TW W STA: 16+56.2	72.1	
E57	B	L-861T	30	30/45	T-23	TW W STA: 16+58.7	76.4	
E58	B	L-861T	30	30/45	T-23	TW W STA: 16+67.2	62.1	
E59	B	L-861T	30	30/45	T-23	TW W STA: 16+52.7	51.0	
E60	B	L-861T	30	30/45	T-23	TW W STA: 16+23.7	51.0	
E61	B	L-861T	30	30/45	T-23	TW W STA: 15+94.7	51.0	
E62	B	L-861T	30	30/45	T-23	TW W STA: 15+05.3	51.0	
E63	B	L-861T	30	30/45	T-23	TW W STA: 16+85.8	-77.8	
E64	B	L-861T	30	30/45	T-23	TW W STA: 17+31.3	-79.4	
E65	B	L-861T	30	30/45	T-23	TW W STA: 17+76.9	-81.0	
E66	B	L-861T	30	30/45	T-23	TW W STA: 19+35.4	-121.3	
E67	B	L-861T	30	30/45	T-23	RW 15-33 STA: 136+22.5	-119.0	
E68	B	L-861T	30	30/45	T-23	RW 15-33 STA: 137+85.8	-113.0	
E69	B	L-861T	30	30/45	T-23	RW 15-33 STA: 137+85.8	-118.0	
E70	B	L-861T	30	30/45	T-13	TW M STA: 6+43.0	235.0	
E71	B	L-861T	30	30/45	T-13	TW M STA: 6+40.5	239.3	
E72	B	L-861T	30	30/45	T-13	TW M STA: 6+15.2	218.1	
E73	B	L-861T	30	30/45	T-13	TW M STA: 6+06.5	185.6	
E74	B	L-861T	30	30/45	T-13	TW M STA: 6+15.2	153.1	
E75	B	L-861T	30	30/45	T-13	TW M STA: 6+32.3	123.6	
E76	B	L-861T	30	30/45	T-13	TW M STA: 6+49.4	94.0	
E77	B	L-861T	30	30/45	T-13	TW M STA: 6+78.7	64.7	
E78	B	L-861T	30	30/45	T-13	TW M STA: 7+18.7	54.0	INSTALL TP
E79	B	L-861T	30	30/45	T-13	TW M STA: 6+85.3	-112.8	INSTALL TP
E80	B	L-861T	30	30/45	T-13	TW M STA: 6+74.6	-93.8	
E81	B	L-861T	30	30/45	T-13	TW M STA: 6+58.3	-79.2	
E82	B	L-861T	30	30/45	T-13	TW M STA: 6+38.2	-70.5	
E83	B	L-861T	30	30/45	T-13	TW M STA: 6+04.3	-61.8	
E84	B	L-861T	30	30/45	T-13	TW M STA: 5+70.3	-53.0	
E85	B	L-861T	30	30/45	T-13	TW M STA: 5+27.4	-53.0	
E86	B	L-861T	30	30/45	T-13	TW M STA: 3+33.0	-65.7	
E87	B	L-861T	30	30/45	T-13	TW M STA: 1+41.8	-103.8	
E88	B	L-861T	30	30/45	T-13	RW 15-33 STA: 144+60.4	122.7	
E89	B	L-861T	30	30/45	T-13	RW 15-33 STA: 146+54.8	113.0	
E90	B	L-861T	30	30/45	T-13	RW 15-33 STA: 146+54.8	118.0	

TAXIWAY EDGE LIGHT SCHEDULE

NUM	LENS COLOR	TYPE	WATTAGE LAMP	WATTAGE XFMR	CKT	STATION	OFFSET	REMARKS
E91	B	L-861T	30	30/45	T-23	TW U West STA: 13+90.5	104.8	
E92	B	L-861T	30	30/45	T-23	TW U West STA: 13+95.5	104.8	
E93	B	L-861T	30	30/45	T-23	TW U West STA: 13+50.0	91.5	
E94	B	L-861T	30	30/45	T-23	TW U West STA: 13+04.4	78.2	
E95	B	L-861T	30	30/45	T-23	TW U West STA: 12+58.9	64.9	
E96	B	L-861T	30	30/45	T-23	TW U West STA: 12+58.9	-65.0	
E97	B	L-861T	30	30/45	T-23	TW U West STA: 13+04.4	-78.2	
E98	B	L-861T	30	30/45	T-23	TW U West STA: 13+50.0	-91.5	
E99	B	L-861T	30	30/45	T-23	TW U West STA: 13+95.5	-104.8	
E100	B	L-861T	30	30/45	T-23	TW U West STA: 13+90.5	-104.8	
E101	B	L-861T	30	30/45	T-14	TW U East STA: 1+18.0	100.4	
E102	B	L-861T	30	30/45	T-14	TW U East STA: 1+13.0	100.4	
E103	B	L-861T	30	30/45	T-14	TW U East STA: 1+55.8	88.6	
E104	B	L-861T	30	30/45	T-14	TW U East STA: 1+98.7	76.8	
E105	B	L-861T	30	30/45	T-14	TW U East STA: 2+41.5	65.0	
E106	B	L-861T	30	30/45	T-14	TW U East STA: 2+41.5	-65.0	
E107	B	L-861T	30	30/45	T-14	TW U East STA: 1+98.7	-76.8	
E108	B	L-861T	30	30/45	T-14	TW U East STA: 1+55.8	-88.6	
E109	B	L-861T	30	30/45	T-14	TW U East STA: 1+13.0	-100.4	
E110	B	L-861T	30	30/45	T-14	TW U East STA: 1+18.0	-100.4	
E111	B	L-861T	30	30/45	T-23	TW T West STA: 13+90.5	104.9	
E112	B	L-861T	30	30/45	T-23	TW T West STA: 13+95.5	104.9	
E113	B	L-861T	30	30/45	T-23	TW T West STA: 13+50.0	91.6	
E114	B	L-861T	30	30/45	T-23	TW T West STA: 13+04.5	78.3	
E115	B	L-861T	30	30/45	T-23	TW T West STA: 12+58.9	64.9	
E116	B	L-861T	30	30/45	T-23	TW T West STA: 12+58.9	-65.0	
E117	B	L-861T	30	30/45	T-23	TW T West STA: 13+04.5	-78.3	
E118	B	L-861T	30	30/45	T-23	TW T West STA: 13+50.0	-91.6	
E119	B	L-861T	30	30/45	T-23	TW T West STA: 13+95.5	-104.9	
E120	B	L-861T	30	30/45	T-23	TW T West STA: 13+90.5	-104.9	
E121	B	L-861T	30	30/45	T-14	TW T East STA: 1+18.0	100.4	
E122	B	L-861T	30	30/45	T-14	TW T East STA: 1+13.0	100.4	
E123	B	L-861T	30	30/45	T-14	TW T East STA: 1+55.8	88.6	
E124	B	L-861T	30	30/45	T-14	TW T East STA: 1+98.7	76.8	
E125	B	L-861T	30	30/45	T-14	TW T East STA: 2+41.5	65.0	
E126	B	L-861T	30	30/45	T-14	TW T East STA: 2+41.5	-65.0	
E127	B	L-861T	30	30/45	T-14	TW T East STA: 1+98.7	-76.8	
E128	B	L-861T	30	30/45	T-14	TW T East STA: 1+55.8	-88.6	
E129	B	L-861T	30	30/45	T-14	TW T East STA: 1+13.0	-100.4	
E130	B	L-861T	30	30/45	T-14	TW T East STA: 1+18.0	-100.4	
E131	B	L-861T	30	30/45	T-23	TW S West STA: 13+90.5	104.9	
E132	B	L-861T	30	30/45	T-23	TW S West STA: 13+95.5	104.9	
E133	B	L-861T	30	30/45	T-23	TW S West STA: 13+50.0	91.6	
E134	B	L-861T	30	30/45	T-23	TW S West STA: 13+04.5	78.3	
E135	B	L-861T	30	30/45	T-23	TW S West STA: 12+58.9	64.9	

NOTES:
1. TP = TEST POINT, SEE DETAIL 2/E24.
2. REINSTALL EXISTING FIXTURES, BASEPLATES, AND TRANSFORMERS AT ANY EDGE LIGHT LOCATION, TYPICAL OF 72 LOCATIONS.

PRELIMINARY

Designed By: LPS
Drawn By: JCA
Checked By: GRH
Date Revised: 2/05/2018, 6:23 PM
Layout Name: LAYOUT5
File Path and Name: U:\2046067200\drawing\E\Sheets\2046067200-ANC-E35-E40_C3D Schedules.dwg

STATE OF ALASKA
49 TH
LUCAS SCHNELLER
EE-11399
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
TAXIWAY EDGE LIGHT SCHEDULE

DATE: 2/5/2018
SHEET: E40 OF 41

Designed By:	LPS
Drawn By:	JCA
Checked By:	GRH
Date Revised:	2/05/2018, 6:24 PM
Layout Name:	LAYOUT6
File Path and Name:	U:\2046067200\drawing\E\Sheets\2046067200-ANC-E35-E40_C3D Schedules.dwg

TAXIWAY EDGE LIGHT SCHEDULE

NUM	LENS COLOR	TYPE	WATTAGE LAMP	WATTAGE XFMR	CKT	STATION	OFFSET	REMARKS
E136	B	L-861T	30	30/45	T-23	TW S West STA: 12+58.9	-65.0	
E137	B	L-861T	30	30/45	T-23	TW S West STA: 13+04.5	-78.3	
E138	B	L-861T	30	30/45	T-23	TW S West STA: 13+50.0	-91.6	
E139	B	L-861T	30	30/45	T-23	TW S West STA: 13+95.5	-104.9	
E140	B	T-861T	30	30/45	T-23	TW S West STA: 13+90.5	-104.9	
E141	B	L-861T	30	30/45	T-14	TW S East STA: 1+18.0	100.4	
E142	B	L-861T	30	30/45	T-14	TW S East STA: 1+13.0	100.4	
E143	B	L-861T	30	30/45	T-14	TW S East STA: 1+55.8	88.6	
E144	B	L-861T	30	30/45	T-14	TW S East STA: 1+98.7	76.8	
E145	B	L-861T	30	30/45	T-14	TW S East STA: 2+41.5	65.0	
E146	B	L-861T	30	30/45	T-14	TW S East STA: 2+41.5	-65.0	
E147	B	L-861T	30	30/45	T-14	TW S East STA: 1+98.7	-76.8	
E148	B	L-861T	30	30/45	T-14	TW S East STA: 1+55.8	-88.6	
E149	B	L-861T	30	30/45	T-14	TW S East STA: 1+13.0	-100.4	
E150	B	L-861T	30	30/45	T-14	TW S East STA: 1+18.0	-100.4	
E151	B	L-861T	30	30/45	T-14	TW Q STA: 1+18.0	100.4	
E152	B	L-861T	30	30/45	T-14	TW Q STA: 1+13.0	100.4	
E153	B	L-861T	30	30/45	T-14	TW Q STA: 1+55.8	88.6	
E154	B	L-861T	30	30/45	T-14	TW Q STA: 1+98.7	76.8	
E155	B	L-861T	30	30/45	T-14	TW Q STA: 2+41.5	65.0	INSTALL TP
E156	B	L-861T	30	30/45	T-14	TW Q STA: 3+00.0	62.9	
E157	B	L-861T	30	30/45	T-14	TW Q STA: 3+58.5	65.0	
E158	B	L-861T	30	30/45	T-14	TW Q STA: 4+04.6	77.7	
E159	B	L-861T	30	30/45	T-14	TW Q STA: 4+50.7	90.4	
E160	B	L-861T	30	30/45	T-14	TW Q STA: 4+96.9	103.1	
E161	B	L-861T	30	30/45	T-14	TW R STA: 438+26.2	-90.4	
E162	B	L-861T	30	30/45	T-14	TW R STA: 437+80.0	-77.7	
E163	B	L-861T	30	30/45	T-14	TW R STA: 437+33.9	-65.0	
E164	B	L-861T	30	30/45	T-14	TW R STA: 436+87.3	-63.3	
E165	B	L-861T	30	30/45	T-14	TW R STA: 436+40.8	-61.7	
E166	B	L-861T	30	30/45	T-14	TW R STA: 435+94.2	-60.0	
E167	B	L-861T	30	30/45	T-14	TW R STA: 435+48.3	-60.0	
E168	B	L-861T	30	30/45	T-14	TW R STA: 435+02.3	-60.0	
E169	B	L-861T	30	30/45	T-14	TW R STA: 434+56.4	-60.0	
E170	B	L-861T	30	30/45	T-14	TW R STA: 434+10.4	-60.0	
E171	B	L-861T	30	30/45	T-14	TW R STA: 433+60.4	-60.0	
E172	B	L-861T	30	30/45	T-14	TW R STA: 433+14.1	-60.0	
E173	B	L-861T	30	30/45	T-14	TW R STA: 435+51.4	60.0	
E174	B	L-861T	30	30/45	T-14	TW Q STA: 435+98.4	58.3	
E175	B	L-861T	30	30/45	T-14	TW R STA: 436+45.0	56.6	
E176	B	L-861T	30	30/45	T-14	TW R STA: 436+91.5	55.0	
E177	B	L-861T	30	30/45	T-14	TW R STA: 437+38.1	53.3	
E178	B	L-861T	30	30/45	T-14	TW R STA: 437+71.1	52.2	
E179	B	L-861T	30	30/45	T-14	TW R STA: 438+04.1	51.0	
E180	B	L-861T	30	30/45	T-14	TW R STA: 438+26.4	51.0	

TAXIWAY EDGE LIGHT SCHEDULE

NUM	LENS COLOR	TYPE	WATTAGE LAMP	WATTAGE XFMR	CKT	STATION	OFFSET	REMARKS
E181	B	L-861T	30	30/45	T-14	TW R STA: 438+78.2	44.2	
E182	B	L-861T	30	30/45	T-14	TW R STA: 439+26.4	24.2	
E183	B	L-861T	30	30/45	T-14	TW Q STA: 5+92.4	7.6	
E184	B	L-861T	30	30/45	T-14	TW Q STA: 5+51.0	-24.2	
E185	B	L-861T	30	30/45	T-14	TW Q STA: 5+02.8	-44.2	
E186	B	L-861T	30	30/45	T-14	TW Q STA: 4+51.0	-51.0	
E187	B	L-861T	30	30/45	T-14	TW Q STA: 4+04.7	-51.0	
E188	B	L-861T	30	30/45	T-14	TW Q STA: 3+58.5	-51.0	
E189	B	L-861T	30	30/45	T-14	TW Q STA: 3+00.0	-51.0	INSTALL TP
E190	B	L-861T	30	30/45	T-14	TW Q STA: 2+41.5	-51.0	
E191	B	L-861T	30	30/45	T-14	TW Q STA: 2+02.0	-51.0	
E192	B	L-861T	30	30/45	T-14	TW Q STA: 1+62.5	-51.0	
E193	B	L-861T	30	30/45	T-14	TW Q STA: 1+23.0	-51.0	

NOTES:
1. TP = TEST POINT, SEE DETAIL 2/E24.

PRELIMINARY

STATE OF ALASKA
49 TH
LUCAS SCHNELLER
EE-11399
REGISTERED PROFESSIONAL ENGINEER

BY	DATE	REVISION

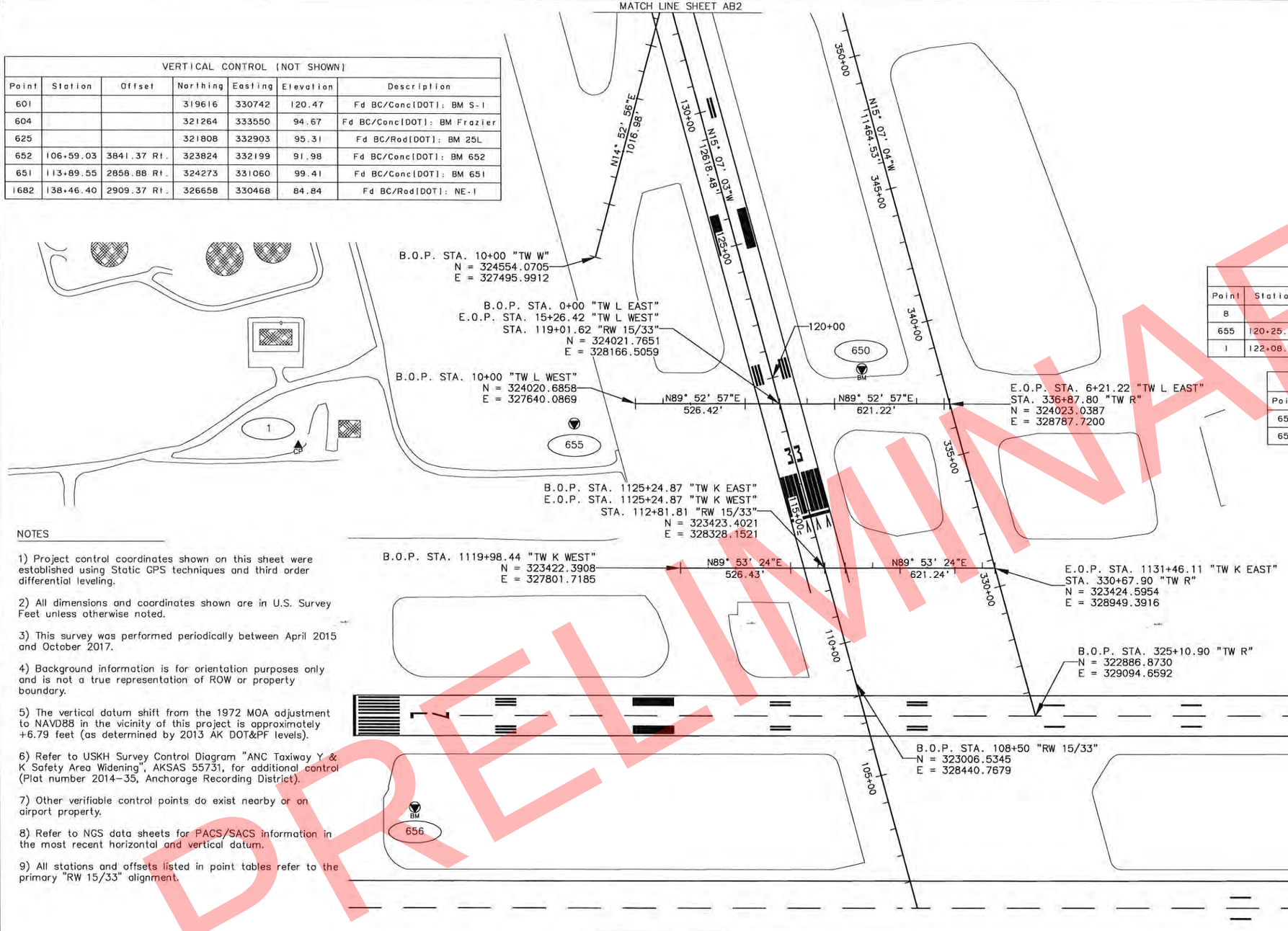
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT No. Z590490000
AIP No. 3-02-0016-184-2017
TAXIWAY EDGE LIGHT SCHEDULE

DATE: 2/5/2018

PRELIMINARY

VERTICAL CONTROL (NOT SHOWN)						
Point	Station	Offset	Northing	Easting	Elevation	Description
601			319616	330742	120.47	Fd BC/Conc[DOT]: BM S-1
604			321264	333550	94.67	Fd BC/Conc[DOT]: BM Frazier
625			321808	332903	95.31	Fd BC/Rod[DOT]: BM 25L
652	106+59.03	3841.37 Rt.	323824	332199	91.98	Fd BC/Conc[DOT]: BM 652
651	113+89.55	2858.88 Rt.	324273	331060	99.41	Fd BC/Conc[DOT]: BM 651
1682	138+46.40	2909.37 Rt.	326658	330468	84.84	Fd BC/Rod[DOT]: NE-1



LEGEND

- Federal Control Station
- Control Point (CP)
- Vertical Benchmark (BM)
- Building

200 0 100 200 400 600 800 1000

U.S. SURVEY FEET

HORIZONTAL CONTROL						
Point	Station	Offset	Northing	Easting	Elevation	Description
8			321772.6204	329084.9407	113.39	Fd Rbr/PC[USKH]: CP 8
655	120+25.84	743.13 Lt.	323947.8761	327416.7002	120.83	Fd Rod/Bx[R&M]: SACS ANC B
1	122+08.98	1738.03 Lt.	323865.2062	326408.4664	145.01	Fd Rbr/PC[USKH]: CP 1

VERTICAL CONTROL						
Point	Station	Offset	Northing	Easting	Elevation	Description
656	108+27.16	1673.64 Lt.	322548	326831	116.83	Fd BC/Bx[DOT]: BM Hotel
650	119+47.05	323.54 Rt.	324150	328467	105.54	Fd BC/Rod[DOT]: BM LIMA

NOTES

1) Project control coordinates shown on this sheet were established using Static GPS techniques and third order differential leveling.

2) All dimensions and coordinates shown are in U.S. Survey Feet unless otherwise noted.

3) This survey was performed periodically between April 2015 and October 2017.

4) Background information is for orientation purposes only and is not a true representation of ROW or property boundary.

5) The vertical datum shift from the 1972 MOA adjustment to NAVD88 in the vicinity of this project is approximately +6.79 feet (as determined by 2013 AK DOT&PF levels).

6) Refer to USKH Survey Control Diagram "ANC Taxiway Y & K Safety Area Widening", AKSAS 55731, for additional control (Plat number 2014-35, Anchorage Recording District).

7) Other verifiable control points do exist nearby or on airport property.

8) Refer to NGS data sheets for PACS/SACS information in the most recent horizontal and vertical datum.

9) All stations and offsets listed in point tables refer to the primary "RW 15/33" alignment.

BASIS OF PROJECT STATIONING

The Basis of Stationing for the "RW 15/33" alignment is based upon the record end point of RW 33, 322754.7097 N, 328508.7977 E; and the record end point of RW 15, extended 200', 333933.8759 N, 325488.7740 E. The resulting line between these two record runway end points was extended to its intersection with RW 7R/25L. Said point of intersection has a record stationing for "RW 15/33" of 100+00.

HORIZONTAL CONTROL STATEMENT

Coordinate System:
This project is located entirely within the Anchorage Bowl 2000 adjustment, a U.S. Survey Foot local surface grid coordinate system developed by the Alaska Department of Transportation.

Basis of Coordinates:
The Basis of Coordinates is NGS Station O'Malley, located near the intersection of the New Seward Highway and O'Malley Road. Said station has Anchorage Bowl 2000 coordinates of 303,939.2310 N, 353,362.5446 E.

Basis of Bearings:
The Basis of Bearings is a local plane bearing between NGS Station O'Malley and NGS Station Loop 2 USE RM 3 1964. NGS Station Loop 2 USE RM 3 1964 bears N 01°43'26.4"E a distance of 49,488.45 U.S. Survey Feet from NGS Station O'Malley. NGS Station Loop 2 USE RM 3 1964 has Anchorage Bowl 2000 coordinates of 353,405.2778 N, 354,851.3982 E.

Translation Parameters:
To convert the local coordinates to NAD83 (92) State Plane Foot coordinates, translate using +2,296,868.6878 N, +1,312,517.4905 E, and scale using 0.9998910192.

VERTICAL CONTROL STATEMENT

MSL 1929 NGVD, MOA 1972 adjustment, as determined by level loops performed by AK DOT.

A Leica DNA10 digital level was used for all leveling on this project. The elevations were computed in Leica Geo Office software using a length weighted adjustment. All of the level loops closed within Third-Order tolerances per Federal Geodetic Control Committee Standards and Specifications for Geodetic Control Networks.

All elevations on control points and benchmarks need to be field verified before they are used.

HORIZONTAL CONTROL (NOT SHOWN)						
Point	Station	Offset	Northing	Easting	Elevation	Description
702			322303.3357	338029.3108	85.60	Fd Rod/Bx[R&M]: SACS ANC D
9			321652.1612	333434.4258	102.52	Fd Rbr/PC[USKH]: CP 9
553	103+23.69	8118.84 Rt.	324615.8231	336415.9023	76.44	Fd BC/Rod[NGS]: SACS Van Dusen
658	109+19.33	7806.22 Lt.	321037.6134	320886.6147	210.21	Fd Rod/Bx[R&M]: SACS ANC C
543	115+17.26	3703.63 Rt.	324616.6007	331842.2044	109.06	Fd BC: SACS GPS Park
701	127+19.36	4218.76 Rt.	325911.4427	332026.0005	81.54	Fd Rod/Bx[R&M]: PACS ANC A
3	128+13.10	3404.15 Lt.	324013.8981	324642.4468	115.09	Fd Rbr/PC[USKH]: CP 3
603	177+07.74	3061.02 Rt.	330425.2625	329607.3625	86.44	Fd BC/Rod[DOT]: GPS FedEx

STATE OF ALASKA
49TH
Robert M. Keiner
LS-11547
REGISTERED PROFESSIONAL LAND SURVEYOR

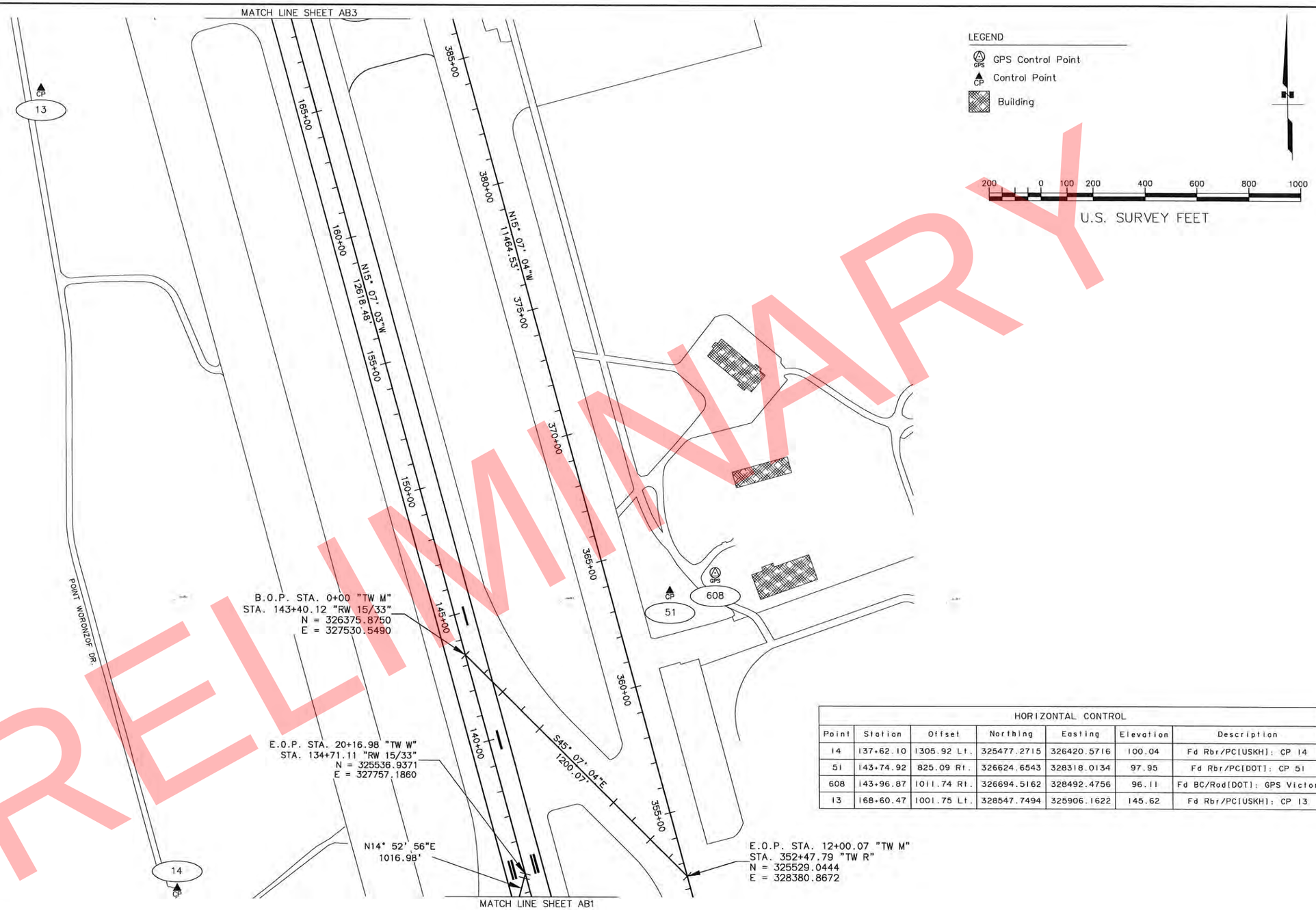
BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
SURVEY CONTROL SHEET

DATE: 2/1/2018
SHEET: AB1 OF AB4

Designed By: TWF
Drawn By: RMK
Checked By:
File Path and Name: S:\Anchorage\Anchorage_International_Airport\AIA RW 15-33 Rehabilitation 2015 59049\CSD 201\A\RW 15-33 SCS Jan 2018.dwg
Layout Name: SCS SHEET 1
Date Revised: 2/01/2018, 10:00 AM



HORIZONTAL CONTROL						
Point	Station	Offset	Northing	Easting	Elevation	Description
14	137+62.10	1305.92 Lt.	325477.2715	326420.5716	100.04	Fd Rbr/PC[USKH]: CP 14
51	143+74.92	825.09 Rt.	326624.6543	328318.0134	97.95	Fd Rbr/PC[DOT]: CP 51
608	143+96.87	1011.74 Rt.	326694.5162	328492.4756	96.11	Fd BC/Rod[DOT]: GPS Victor
13	168+60.47	1001.75 Lt.	328547.7494	325906.1622	145.62	Fd Rbr/PC[USKH]: CP 13

NOTES

1) Please see sheet AB1 for notes and control information.

PRELIMINARY

STATE OF ALASKA 49TH
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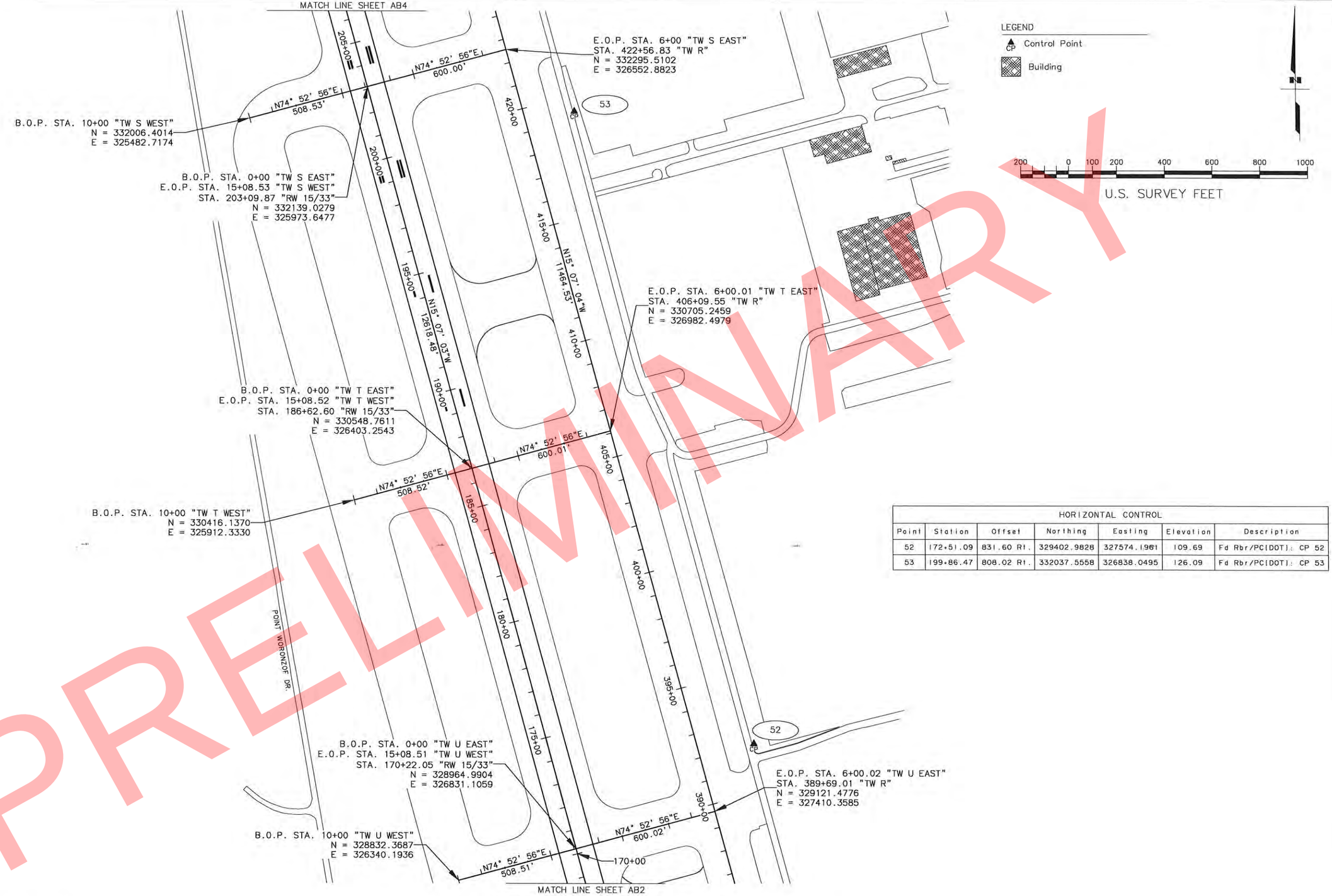
AIP NO. 3-02-0016-184-2017
SURVEY CONTROL SHEET

DATE: 2/1/2018
SHEET: AB2 OF AB4

Date Revised: 2/01/2018, 10:00 AM
Layout Name: SCS SHEET 2
File Path and Name: S:\Anchorage\Anchorage_International_Airport\AIA RW 15-33 Rehabilitation 2015 59049\CSD 2014\RW 15-33 SCS Jan 2018.dwg

Designed By:	TMT
Drawn By:	
Checked By:	RMK



HORIZONTAL CONTROL

Point	Station	Offset	Northing	Easting	Elevation	Description
52	172+51.09	831.60 Rt.	329402.9828	327574.1961	109.69	Fd Rbr/PC[DOT]: CP 52
53	199+86.47	808.02 Rt.	332037.5558	326838.0495	126.09	Fd Rbr/PC[DOT]: CP 53

NOTES

1) Please see sheet AB1 for notes and control information.

PRELIMINARY

STATE OF ALASKA 49TH Robert M. Keiner LS-11547 2/1/18 REGISTERED PROFESSIONAL LAND SURVEYOR

BY	DATE	REVISION

STATE OF ALASKA
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ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
SURVEY CONTROL SHEET

DATE: 2/1/2018
SHEET: AB3 OF AB4

Date Revised:
Layout Name: SCS SHEET 3
File Path and Name: S:\Anchorage\Anchorage_International_Airport\AIA RW 15-33 Rehabilitation 2015 58049\CSD 2014\RW 15-33 SCS Jan 2018.dwg
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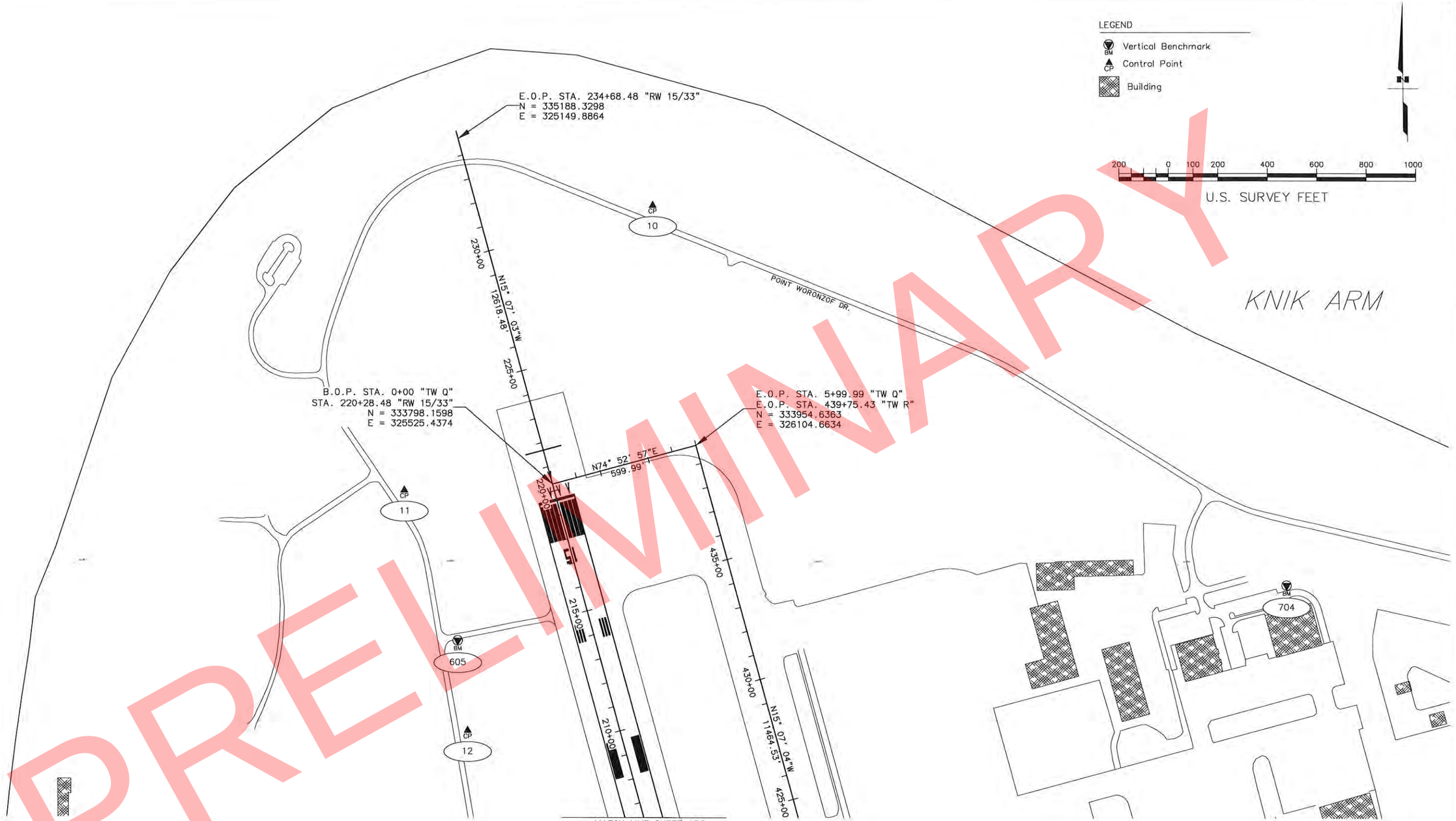
Drawn By:
Checked By: RMK



NOTES

1) Please see sheet AB1 for notes and control information.

HORIZONTAL CONTROL

Point	Station	Offset	Northing	Easting	Elevation	Description
12	211+60.38	593.79 Lt.	332805.2478	325178.5961	146.63	Fd Rbr/PC[USKH]: CP 12
11	221+59.70	584.34 Lt.	333772.4442	324927.0936	113.01	Fd Rbr/PC[USKH]: CP 11
10	230+05.46	688.03 Rt.	334920.7675	325934.8591	154.06	Fd Rbr/PC[USKH]: CP 10

VERTICAL CONTROL

Point	Station	Offset	Northing	Easting	Elevation	Description
704	208+65.49	2751.48 Rt.	333393	328485	113.69	Fd BC/Rod[DOT]: N-3
605	215+20.65	536.44 Lt.	333168	325140	138.79	Fd BC/Rod[DOT]: N-1

STATE OF ALASKA 49TH
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PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
SURVEY CONTROL SHEET

DATE: 2/1/2018
SHEET: AB4 OF AB4

Designed By: TWF
Drawn By:
Checked By: RMK
Date Revised:
SCS SHEET 4
Layout Name:
File Path and Name: S:\Anchorage\Anchorage_International_Airport\MA RW 15-33 Rehabilitation 2015 59049\CSD 201A\RW 15-33 SCS Jan 2018.dwg

PRELIMINARY

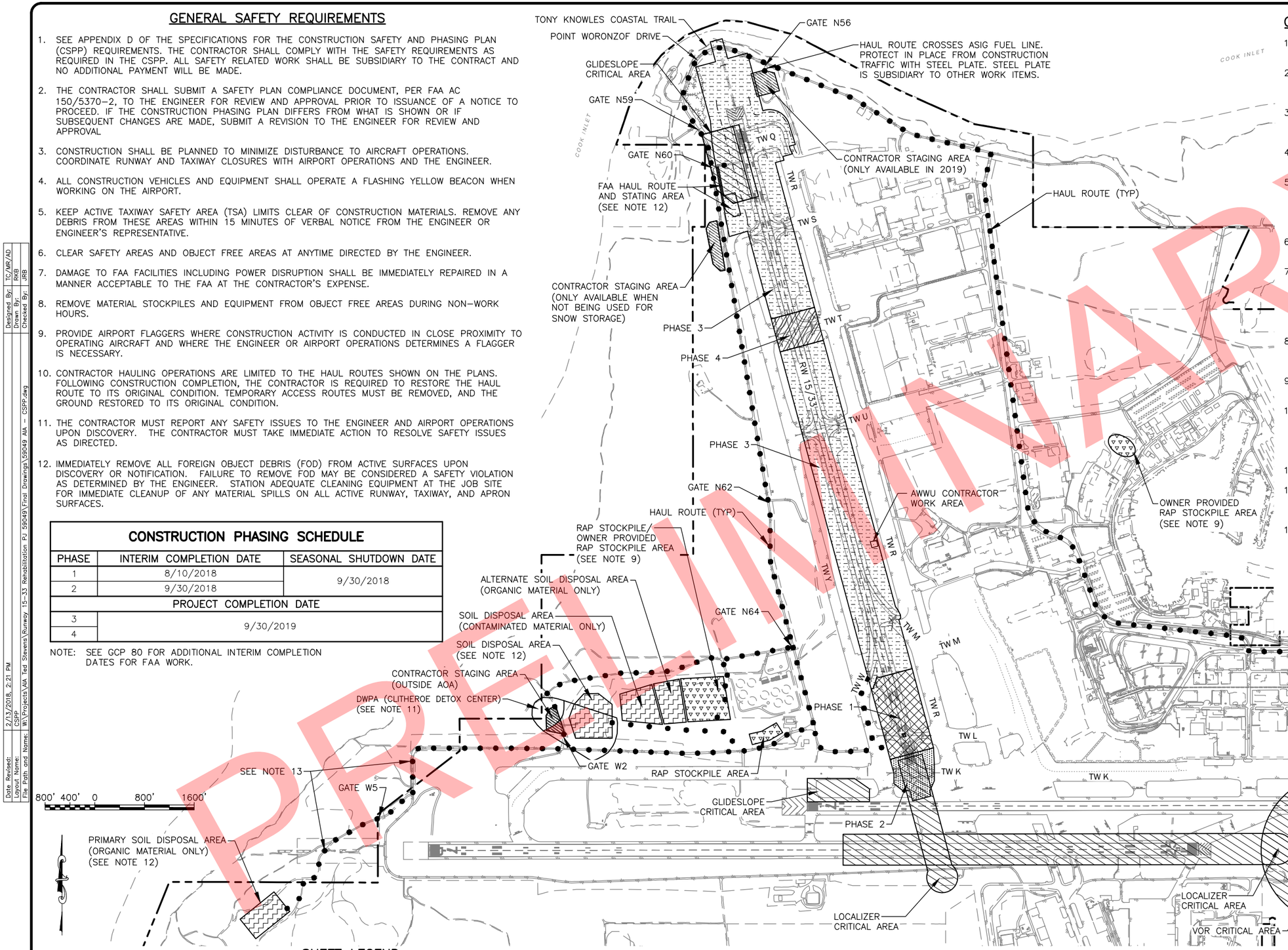
GENERAL SAFETY REQUIREMENTS

1. SEE APPENDIX D OF THE SPECIFICATIONS FOR THE CONSTRUCTION SAFETY AND PHASING PLAN (CSPP) REQUIREMENTS. THE CONTRACTOR SHALL COMPLY WITH THE SAFETY REQUIREMENTS AS REQUIRED IN THE CSPP. ALL SAFETY RELATED WORK SHALL BE SUBSIDIARY TO THE CONTRACT AND NO ADDITIONAL PAYMENT WILL BE MADE.
2. THE CONTRACTOR SHALL SUBMIT A SAFETY PLAN COMPLIANCE DOCUMENT, PER FAA AC 150/5370-2, TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO ISSUANCE OF A NOTICE TO PROCEED. IF THE CONSTRUCTION PHASING PLAN DIFFERS FROM WHAT IS SHOWN OR IF SUBSEQUENT CHANGES ARE MADE, SUBMIT A REVISION TO THE ENGINEER FOR REVIEW AND APPROVAL
3. CONSTRUCTION SHALL BE PLANNED TO MINIMIZE DISTURBANCE TO AIRCRAFT OPERATIONS. COORDINATE RUNWAY AND TAXIWAY CLOSURES WITH AIRPORT OPERATIONS AND THE ENGINEER.
4. ALL CONSTRUCTION VEHICLES AND EQUIPMENT SHALL OPERATE A FLASHING YELLOW BEACON WHEN WORKING ON THE AIRPORT.
5. KEEP ACTIVE TAXIWAY SAFETY AREA (TSA) LIMITS CLEAR OF CONSTRUCTION MATERIALS. REMOVE ANY DEBRIS FROM THESE AREAS WITHIN 15 MINUTES OF VERBAL NOTICE FROM THE ENGINEER OR ENGINEER'S REPRESENTATIVE.
6. CLEAR SAFETY AREAS AND OBJECT FREE AREAS AT ANYTIME DIRECTED BY THE ENGINEER.
7. DAMAGE TO FAA FACILITIES INCLUDING POWER DISRUPTION SHALL BE IMMEDIATELY REPAIRED IN A MANNER ACCEPTABLE TO THE FAA AT THE CONTRACTOR'S EXPENSE.
8. REMOVE MATERIAL STOCKPILES AND EQUIPMENT FROM OBJECT FREE AREAS DURING NON-WORK HOURS.
9. PROVIDE AIRPORT FLAGGERS WHERE CONSTRUCTION ACTIVITY IS CONDUCTED IN CLOSE PROXIMITY TO OPERATING AIRCRAFT AND WHERE THE ENGINEER OR AIRPORT OPERATIONS DETERMINES A FLAGGER IS NECESSARY.
10. CONTRACTOR HAULING OPERATIONS ARE LIMITED TO THE HAUL ROUTES SHOWN ON THE PLANS. FOLLOWING CONSTRUCTION COMPLETION, THE CONTRACTOR IS REQUIRED TO RESTORE THE HAUL ROUTE TO ITS ORIGINAL CONDITION. TEMPORARY ACCESS ROUTES MUST BE REMOVED, AND THE GROUND RESTORED TO ITS ORIGINAL CONDITION.
11. THE CONTRACTOR MUST REPORT ANY SAFETY ISSUES TO THE ENGINEER AND AIRPORT OPERATIONS UPON DISCOVERY. THE CONTRACTOR MUST TAKE IMMEDIATE ACTION TO RESOLVE SAFETY ISSUES AS DIRECTED.
12. IMMEDIATELY REMOVE ALL FOREIGN OBJECT DEBRIS (FOD) FROM ACTIVE SURFACES UPON DISCOVERY OR NOTIFICATION. FAILURE TO REMOVE FOD MAY BE CONSIDERED A SAFETY VIOLATION AS DETERMINED BY THE ENGINEER. STATION ADEQUATE CLEANING EQUIPMENT AT THE JOB SITE FOR IMMEDIATE CLEANUP OF ANY MATERIAL SPILLS ON ALL ACTIVE RUNWAY, TAXIWAY, AND APRON SURFACES.

CONSTRUCTION PHASING SCHEDULE

PHASE	INTERIM COMPLETION DATE	SEASONAL SHUTDOWN DATE
1	8/10/2018	9/30/2018
2	9/30/2018	
PROJECT COMPLETION DATE		
3	9/30/2019	
4		

NOTE: SEE GCP 80 FOR ADDITIONAL INTERIM COMPLETION DATES FOR FAA WORK.



GENERAL NOTES:

1. STOCKPILE MATERIAL MUST BE COVERED, STABILIZED, AND PROTECTED FROM WATER AND WIND EROSION.
2. STOCKPILE ALL EXCAVATED EMBANKMENT AND RAP MATERIALS NOT REUSED DURING CONSTRUCTION IN DISPOSAL OR STOCKPILE AREAS SHOWN.
3. ONLY SOIL AND RAP ARE TO BE DISPOSED OF IN DISPOSAL AREAS SHOWN. EXCAVATED CONCRETE AND OTHER MATERIALS SHALL BE DISPOSED OF BY THE CONTRACTOR PER GCP 70-11h.
4. STAKE FINAL LOCATION AND LIMITS OF STOCKPILES UNDER DIRECTION OF THE ENGINEER.
5. GRADE SOIL DISPOSAL AREAS AS DIRECTED BY THE ENGINEER. SEED DISPOSAL AREAS WITHIN 14 DAYS OF GROUND DISTURBANCE, UPON CONSTRUCTION COMPLETION, OR IN ACCORDANCE WITH THE SWPPP. AREAS MUST BE STABILIZED AND EQUIPMENT REMOVED PRIOR TO OCTOBER 1ST.
6. LOCATE CONSTRUCTION STAGING AREAS WITHIN THE ACTIVE WORK AREA OR AS SHOWN.
7. NO CONSTRUCTION TRAFFIC WILL BE PERMITTED ON POINT WORONZOF DRIVE DURING THE FOLLOWING EVENTS:
   - MAYOR'S MIDNIGHT SUN MARATHON
   - ALASKA MEN'S RUN
   - ANCHORAGE RUN FEST
   - ZOMBIE 1/2 MARATHON
8. NO CONSTRUCTION TRAFFIC WILL BE PERMITTED ON POSTMARK DRIVE DURING THE FOLLOWING EVENTS:
   - GREAT ALASKA AVIATION GATHERING
9. USE RAP FROM OWNER PROVIDED RAP STOCKPILE AT THE DISCRETION OF THE ENGINEER.
10. FLIGHT INSPECTIONS MUST BE COORDINATED AND SCHEDULED WELL IN ADVANCE OF THE INTENDED FACILITY RSTART. TEN (10) DAYS PRIOR TO THE FLIGHT INSPECTION, THE RW CENTERLINE AND RW THRESHOLDES MUST BE PAINTED AND THE RSA MUST BE CLEAR.
11. FOLLOW THE REQUIREMENTS FOR A DWPA PER THE ACGP.
12. THE FAA CONTRACTOR WILL BE WORKING WITHIN THE PROJECT LIMITS AND USING THE SOIL DISPOSAL AREAS. ALLOW FAA AND THEIR CONTRACTOR ACCESS TO THESE AREAS.
13. PRIOR TO HAULING ACROSS THESE LOCATIONS OUTSIDE THE AIRPORT PROPERTY, THE CONTRACTOR SHALL VERIFY THROUGH THE ENGINEER THAT THE DEPARMENT HAS OBTAINED A PERMIT FROM THE MUNICIPALITY OF ANCHORAGE. IF THE PERMIT HAS NOT BEEN OBTAINED, DISPOSE OF ORGANIC MATERIAL AT THE ALTERNATE ORGANIC SOIL DISPOSAL AREA SHOWN ON THIS SHEET PER THE ENGINEER. BIDDERS SHALL ASSUME THE PRIMARY DISPOSAL AREA (ORGANIC MATERIAL ONLY) WILL BE AVAILABLE AND THE ALTERNATE SOIL DISPOSAL AREA (ORGANIC MATERIAL ONLY) WILL NOT BE AVAILABLE.

PRELIMINARY

SHEET LEGEND

- PHASE 1
- PHASE 2
- PHASE 3
- PHASE 4
- HAUL ROUTE
- CONTRACTOR STAGING AREA
- SOIL DISPOSAL AREA
- RAP STOCKPILE/OWNER PROVIDED RAP STOCKPILE AREA
- LOCALIZER/GLIDESLOPE (NAVAID) CRITICAL AREA

BY	DATE	REVISION

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TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
CONSTRUCTION SAFETY AND PHASING PLAN

DATE: 2/13/2018
SHEET: AD1 OF AD12

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: CSPP
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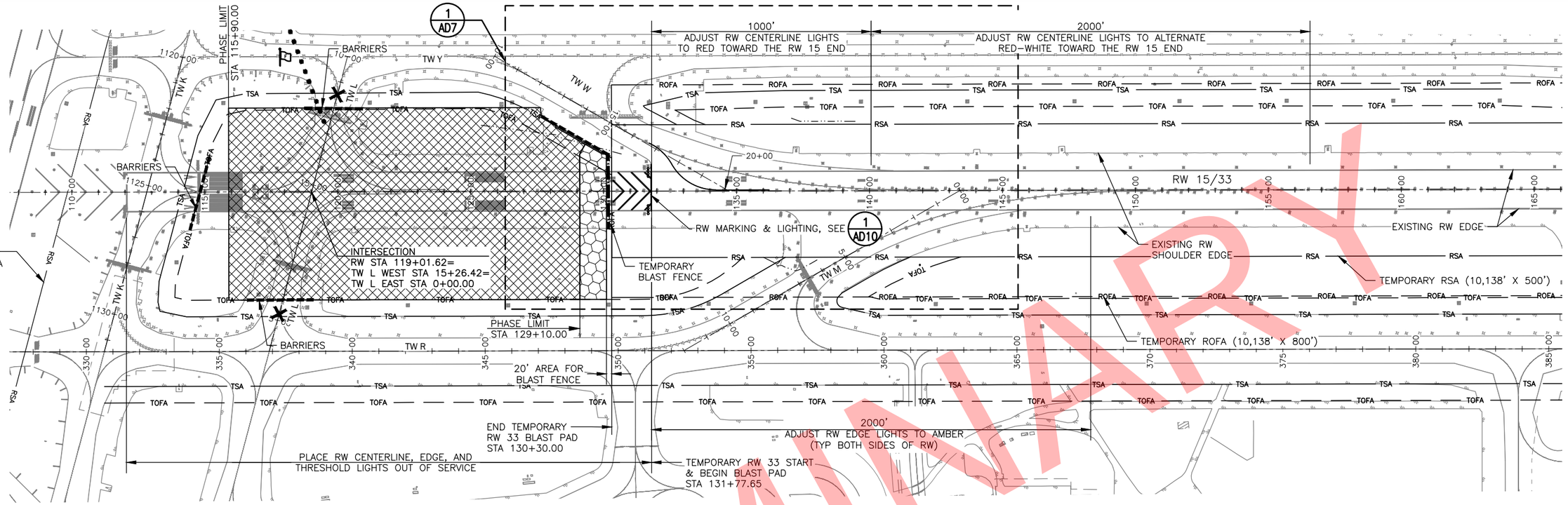

COMPLETE THE FOLLOWING PRIOR TO PHASE 1 CONSTRUCTION CLOSURE:

- INSTALL APPROPRIATE BEST MANAGEMENT PRACTICES (BMPS) PER CONTRACTOR APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AS DEFINED IN CONTRACT SPECIFICATION P–156.
- PLACE HAZARD MARKER BARRIERS AND TW CLOSURE MARKERS.
- PLACE RW CENTERLINE, EDGE, AND RW 33 THRESHOLD LIGHTS OUT OF SERVICE AS SHOWN IN THE PLAN VIEW.
- PLACE RW 33 PAPI AND REILS OUT OF SERVICE.
- REMOVE EXISTING TW W EDGE MARKINGS AS NOTED IN THESE PLANS (SEE NOTE 2).
- PLACE TW W EDGE LIGHTS OUT OF SERVICE AS NOTED IN THESE PLANS.
- INSTALL TEMPORARY LIGHTING, TEMPORARY MARKINGS, AND TEMPORARY BLAST FENCE.
- INSTALL BLANK PANELS OR COVER THE RW 15 FACE OF THE DISTANCE REMAINING SIGNS.
- REMOVE TW W LEAD–ON LIGHTS FROM SERVICE WHILE LEAVING TW W LEAD–OFF LIGHTS IN SERVICE.
- REMOVE RW 33 TOUCHDOWN ZONE AND RW CENTERLINE PAINT MARKINGS AS SHOWN ON SHEET AD7.
- ISSUE A NOTAM TO N/A RW 33 APPROACH PROCEDURES.
- ISSUE A NOTAM FOR NON–STANDARD LIGHTING AND MARKINGS.
- ISSUE A NOTAM FOR CONSTRUCTION ACTIVITY OCCURRING WITHIN THE TOFA ON TW W.

DURING PHASE 1 THE FOLLOWING CONSTRUCTION WILL OCCUR:

- REHABILITATE AND WIDEN THE CLOSED PORTIONS OF THE RW, RW SHOULDERS, AND RSA
- REHABILITATE AND UPDATE THE GEOMETRY ON THE CLOSED PORTIONS OF THE TW, TW SHOULDERS, AND WIDEN THE TSA
- GRADING AND DITCH WORK IN THE CLOSED PORTIONS OF THE ROFA AND TOFA
- REPLACE LIGHTING IN THE CLOSED PORTIONS OF THE RW AND TW AS DETAILED IN THE CONSTRUCTION PLANS
- REPLACE LIGHTED SIGNS IN THE CLOSED PORTIONS OF THE RW AND TW AS DETAILED IN THE CONSTRUCTION PLANS
- REPLACE RW 15/33 GUARD LIGHTING IN THE CLOSED PORTIONS AS DETAILED IN THE CONSTRUCTION PLANS
- REPLACE STORM DRAINS IN THE CLOSED PORTIONS OF THE RW AND INFIELD AS DETAILED IN THE CONSTRUCTION PLANS
- DEMOLISH AND INSTALL FAA SYSTEMS AS DETAILED IN THE CONSTRUCTION PLANS
- INSTALL TAXIWAY PAINT MARKINGS PER THE CONSTRUCTION PLANS
- INSTALL ONLY THE RW CENTERLINE AND EDGE PAINT MARKINGS PER THE CONSTRUCTION PLANS. STOP THE RW EDGE PAINT MARKINGS PER THE CONSTRUCTION PLANS AT STA 127+10.00 TO INSTALL RW EDGE TRANSITION PAINT MARKING PER DETAIL 1 ON SHEET AD9.

COMPLETE THE FOLLOWING AFTER PHASE 1 IS COMPLETE:

- RETURN TW W EDGE AND LEAD ON LIGHTS TO SERVICE.
- INSTALL PERMANENT RW CENTERLINE AND RW EDGE, AND AIM POINT MARKINGS FOR THE TRANSITION BETWEEN THE NEW 200 FOOT WIDE RW AND THE EXISTING 150 FOOT WIDE RW. SEE DETAIL 1 ON SHEET AD9.
- ISSUE A NOTAM FOR NON–STANDARD MARKING AND LIGHTING.

PHASE 1 NOTES:

1. TW W OPERATIONS WILL BE REDUCED TO 747–8 AND SMALLER AIRCRAFT DURING PHASE 1 CONSTRUCTION.
2. EXISTING TW W PAINT MARKINGS REMOVED PRIOR TO PHASE 1 CONSTRUCTION MUST BE REFERENCED AND REPAINTED AFTER PHASE 1 IS COMPLETE. THIS WORK WILL BE PAID FOR UNDER PAY ITEM P–620G.
3. ALL PAINT REMOVAL WILL BE PAID FOR UNDER PAY ITEM P–620G.
4. FAA WILL BE WORKING WITHIN PHASE 1 LIMITS TO RELOCATE NAVAIDS. COMPLETE CONTRACTOR INSTALLED FAA INFRASTRUCTURE PER GCP 80 AND ALLOW FAA AND THEIR CONTRACTOR ACCESS WITHIN THE PHASE 1 LIMITS.
5. STATIONS ARE BASED ON THE RW.

LEGEND

- PHASE 1
- PHASE 1 TRANSITION (SEE SHEET AD8 FOR DETAILS)
- TW CLOSURE MARKER (3/AD6)
- TEMPORARY LIGHTS
- AIRPORT FLAGGER
- HAZARD MARKER BARRIER (1/AD6)
- HAUL ROUTE
- BLAST FENCE

200' 0 200' 400'

BY	DATE	REVISION

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RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
CONSTRUCTION SAFETY AND
PHASING PLAN, PHASE 1

DATE: 2/13/2018
SHEET: AD2 OF AD12

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 2:21 PM
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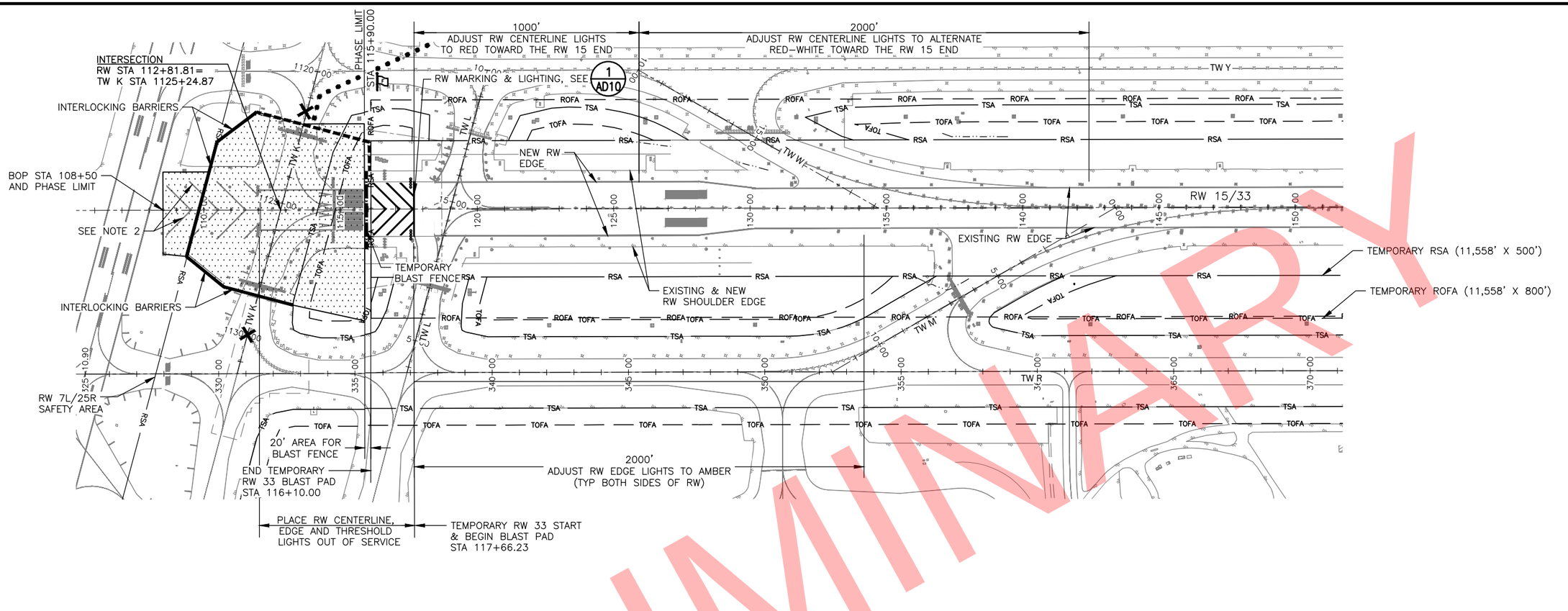
File Path and Name: W:\Projects\ANA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA – CSPP.dwg

PRELIMINARY



COMPLETE THE FOLLOWING PRIOR TO PHASE 2 CONSTRUCTION CLOSURE:

- INSTALL APPROPRIATE BMPS PER CONTRACTOR APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AS DEFINED IN CONTRACT SPECIFICATION P–156.
- PLACE HAZARD MARKER BARRIERS AND TW CLOSURE MARKERS.
- PLACE RW CENTERLINE, EDGE, AND RW 33 THRESHOLD LIGHTS OUT OF SERVICE AS SHOWN IN THE PLAN VIEW.
- PLACE RW 15 GLIDESLOPE AND LOCALIZER OUT OF SERVICE.
- REMOVE TEMPORARY LIGHTING, TEMPORARY MARKINGS, AND TEMPORARY BLAST FENCE FROM PHASE 1 AND INSTALL IN PHASE 2.
- INSTALL BLANK PANELS OR COVER THE RW 15 FACE OF THE DISTANCE REMAINING SIGNS.
- ISSUE A NOTAM FOR NON–STANDARD LIGHTING AND MARKINGS.
- ISSUE A NOTAM FOR CONSTRUCTION ACTIVITY OCCURING WITHIN THE TOFA ON TW Y.

DURING PHASE 2 THE FOLLOWING CONSTRUCTION WILL OCCUR:

- REHABILITATE AND WIDEN THE CLOSED PORTIONS OF THE RW, RW SHOULDERS, AND RSA.
- REHABILITATE AND UPDATE THE GEOMETRY ON THE CLOSED PORTIONS OF THE TW, TW SHOULDERS, AND WIDEN THE TSA.
- GRADING AND DITCH WORK IN THE CLOSED PORTION OF THE ROFA AND TOFA.
- REPLACE LIGHTING IN THE CLOSED PORTIONS OF THE RW AND TW T AS DETAILED IN THE CONSTRUCTION PLANS.
- REPLACE LIGHTED SIGNS IN THE CLOSED PORTIONS OF THE RW AND TW AS DETAILED IN THE CONSTRUCTION PLANS.
- REPLACE RW 15/33 GUARD LIGHTING IN THE CLOSED PORTIONS AS DETAILED IN THE CONSTRUCTION PLANS.
- REMOVE RW 33 CHEVRON MARKING INSIDE THE RW 7L/25R RSA.
- INSTALL PAINT MARKINGS PER THE CONSTRUCTION PLANS.

COMPLETE THE FOLLOWING AFTER PHASE 1 AND PHASE 2 ARE COMPLETE:

- INSTALL PERMANENT MARKINGS FOR THE RW TOUCHDOWN ZONE. SEE DETAIL 2 ON SHEET AD9.
- REMOVE BLANK PANELS OR COVERS FROM THE DISTANCE REMAINING SIGNS.
- RETURN RW CENTERLINE AND RW EDGE LIGHT COLOR.
- REMOVE BMPS PER CONTRACTOR APPROVED SWPPP AS DEFINED IN SPECIFICATION P–156.
- INSTALL PERMANENT BMPS AS NECESSARY PRIOR TO SEASONAL SHUTDOWN.
- REMOVE TEMPORARY LIGHTING, MARKINGS, HAZARD MARKER BARRIERS, AND TW CLOSURE MARKERS AND ENSURE PERMANENT MARKINGS ARE IN PLACE BEFORE THE SEASONAL SHUTDOWN DATE.
- RETURN RW 33 PAPI AND REILS TO SERVICE.
- RETURN RW 15 GLIDESLOPE AND LOCALIZER TO SERVICE.
- ISSUE A NOTAM FOR NON–STANDARD MARKING AND LIGHTING CONDITIONS BETWEEN THE 2018 AND 2019 CONSTRUCTION SEASONS.

PHASE 2 NOTES:

1. PHASE 2 CANNOT START UNTIL PHASE 1 IS COMPLETED AND OPEN FOR AIRCRAFT USE.
2. RW 7L/25R WILL NEED TO BE CLOSED TEMPORARILY TO REMOVE THE RW 33 CHEVRON MARKINGS INSIDE THE 7L/25R RSA. COORDINATE THIS CLOSURE WITH AIRPORT OPERATIONS. WORK TO BE DONE OUTSIDE THE INTERLOCKING BARRIERS SHALL BE DONE WHILE RW 7L/25R IS CLOSED.
3. ALL PAINT REMOVAL WILL BE PAID FOR UNDER PAY ITEM P–620G.
4. STATIONS ARE BASED ON THE RW.

LEGEND

PHASE 2
HAUL ROUTE
TW CLOSURE MARKER (3 / AD6)
TEMPORARY LIGHTS
AIRPORT FLAGGER
HAZARD MARKER BARRIER (1 / AD6)
INTERLOCKED HAZARD MARKER BARRIER (1 / AD6)
BLAST FENCE

200' 0 200' 400'

BY	DATE	REVISION

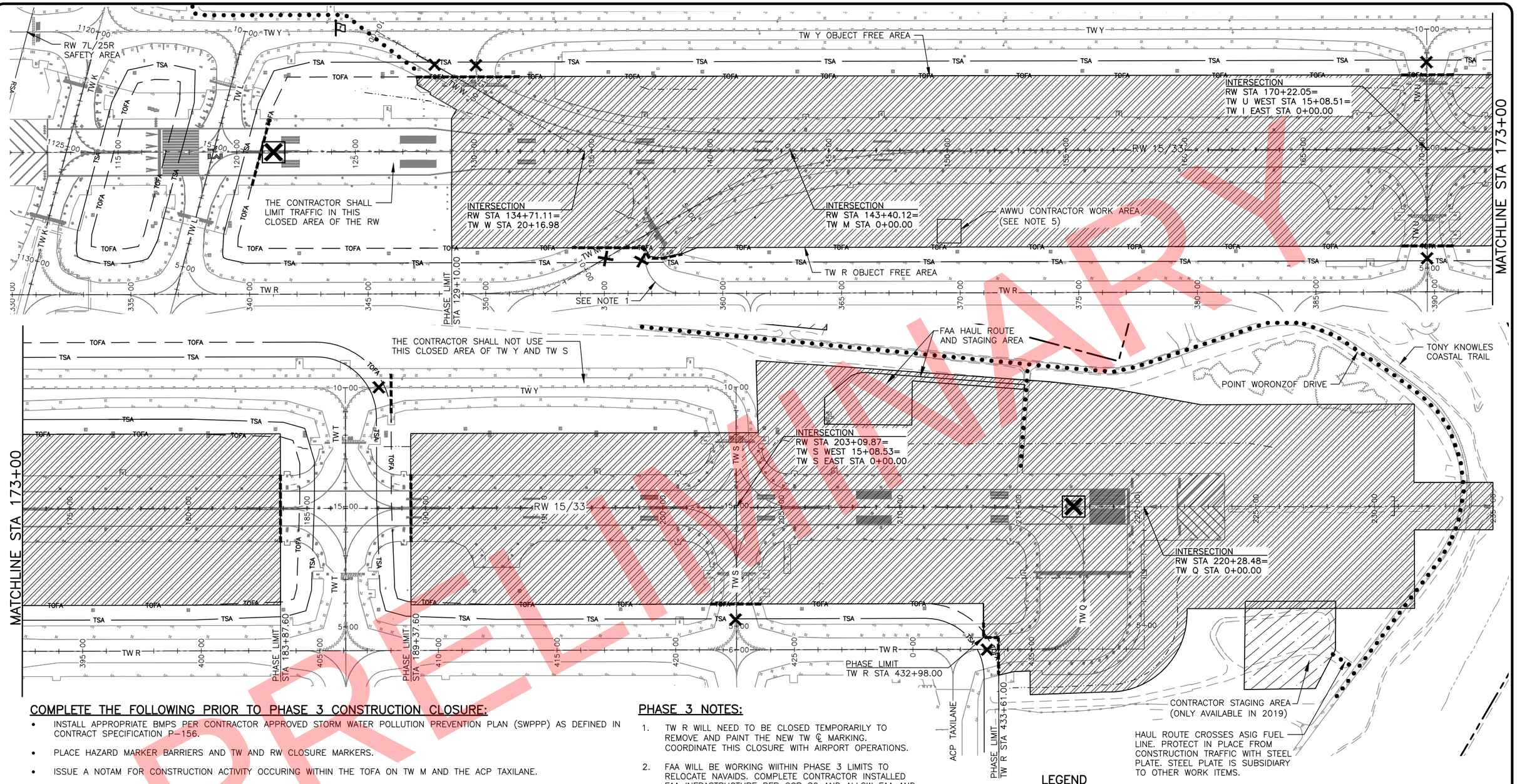
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
CONSTRUCTION SAFETY AND
PHASING PLAN, PHASE 2

DATE: 2/13/2018
SHEET: AD3 OF AD12

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 2:22 PM
Layout Name: PHASE II
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA – CSPP.dwg
PJ 59049

PRELIMINARY



COMPLETE THE FOLLOWING PRIOR TO PHASE 3 CONSTRUCTION CLOSURE:

- INSTALL APPROPRIATE BMPS PER CONTRACTOR APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AS DEFINED IN CONTRACT SPECIFICATION P-156.
- PLACE HAZARD MARKER BARRIERS AND TW AND RW CLOSURE MARKERS.
- ISSUE A NOTAM FOR CONSTRUCTION ACTIVITY OCCURING WITHIN THE TOFA ON TW M AND THE ACP TAXILANE.

DURING PHASE 3 THE FOLLOWING CONSTRUCTION WILL OCCUR:

- REHABILITATE AND WIDEN THE CLOSED PORTIONS OF THE RW, RW SHOULDERS, AND RSA
- REHABILITATE AND UPDATE THE GEOMETRY ON THE CLOSED PORTIONS OF THE TWS, TW SHOULDERS, AND WIDEN THE TSAS
- GRADING AND DITCH WORK IN THE CLOSED PORTION OF THE ROFA AND TOFA'S
- REPLACE LIGHTING IN THE CLOSED PORTIONS OF THE RW AND TWS AS DETAILED IN THE CONSTRUCTION PLANS
- REPLACE LIGHTED SIGNS IN THE CLOSED PORTIONS OF THE RW AND TWS AS DETAILED IN THE CONSTRUCTION PLANS
- REPLACE RW 15/33 GUARD LIGHTING IN THE CLOSED PORTIONS AS DETAILED IN THE CONSTRUCTION PLANS
- REPLACE STORM DRAINS IN THE CLOSED PORTIONS OF THE RW, TW, AND INFIELDS AS DETAILED IN THE CONSTRUCTION PLANS
- ADJUST UTILITIES AS NECESSARY FOR CIVIL IMPROVEMENTS
- DEMOLISH AND INSTALL FAA SYSTEMS AS DETAILED IN THE CONSTRUCTION PLANS
- INSTALL PAINT MARKINGS PER THE CONSTRUCTION PLANS

PHASE 3 NOTES:

1. TW R WILL NEED TO BE CLOSED TEMPORARILY TO REMOVE AND PAINT THE NEW TW ℄ MARKING. COORDINATE THIS CLOSURE WITH AIRPORT OPERATIONS.
2. FAA WILL BE WORKING WITHIN PHASE 3 LIMITS TO RELOCATE NAVAIDS. COMPLETE CONTRACTOR INSTALLED FAA INFRASTRUCTURE PER GCP 80 AND ALLOW FAA AND THEIR CONTRACTOR ACCESS WITHIN THE PHASE LIMITS.
3. DO NOT IMPACT TONY KNOWLES COASTAL TRAIL.
4. STATIONS ARE BASED ON THE RW UNLESS NOTED OTHERWISE.
5. CONTRACTOR SHALL PROVIDE ACCESS TO THE AWWU CONTRACTOR WORK AREA THROUGH THE RUNWAY PROJECT WORK AREA

LEGEND

- PHASE 3
- CONTRACTOR STAGING
- LIGHTED RW CLOSURE MARKER (4/AD6)
- AIRPORT FLAGGER
- HAZARD MARKER BARRIER (2/AD6)
- HAUL ROUTE
- TW CLOSURE MARKER (3/AD6)

200' 0 200' 400'

PRELIMINARY

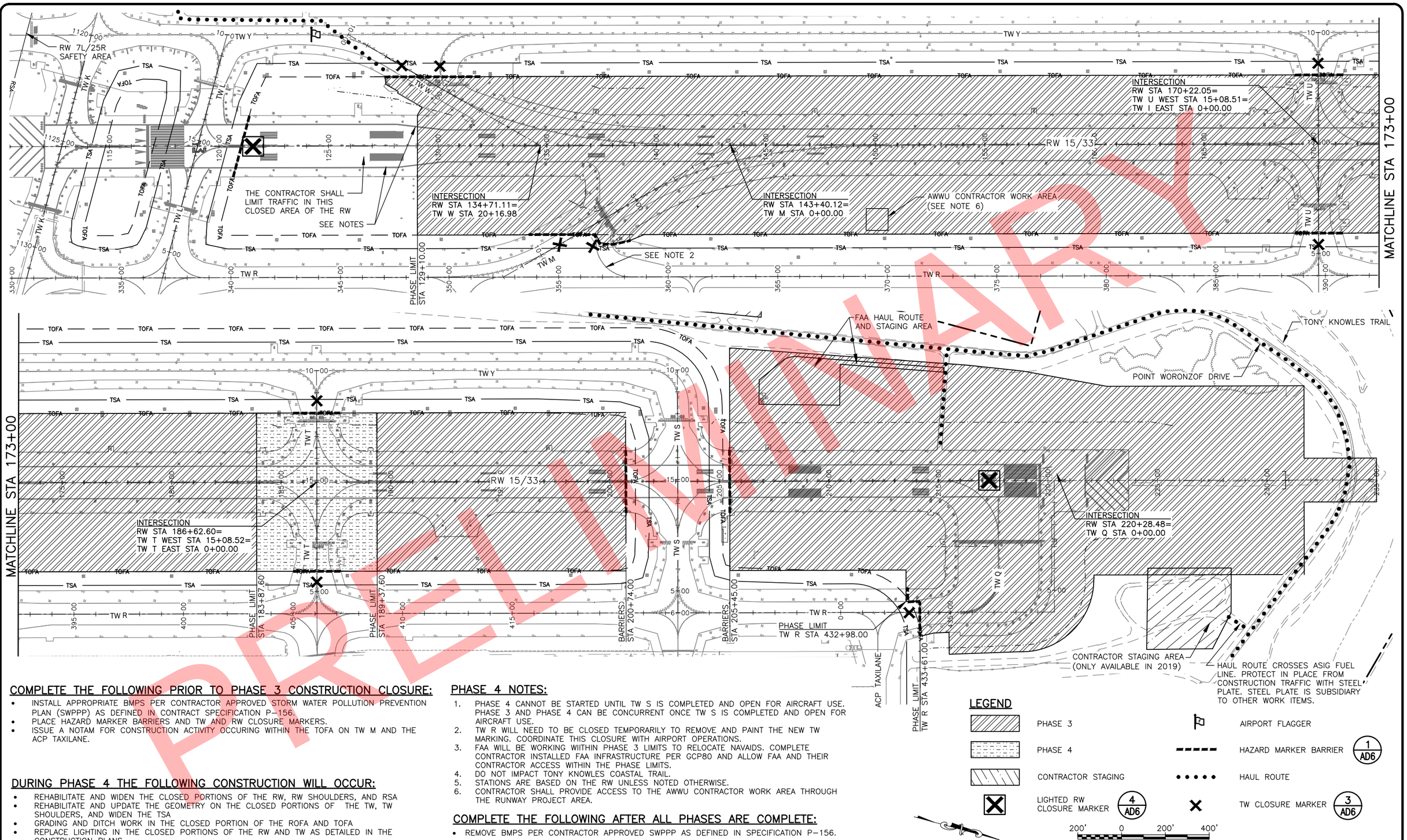
BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
CONSTRUCTION SAFETY AND PHASING PLAN, PHASE 3

DATE: 2/13/2018
SHEET: AD4 OF AD12

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: PHASE III
File Path and Name: W:\Projects\ANA - Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 ANA - CSPP.dwg
2/13/2018, 2:22 PM



PRELIMINARY

COMPLETE THE FOLLOWING PRIOR TO PHASE 3 CONSTRUCTION CLOSURE:

- INSTALL APPROPRIATE BMPS PER CONTRACTOR APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AS DEFINED IN CONTRACT SPECIFICATION P-156.
- PLACE HAZARD MARKER BARRIERS AND TW AND RW CLOSURE MARKERS.
- ISSUE A NOTAM FOR CONSTRUCTION ACTIVITY OCCURING WITHIN THE TOFA ON TW M AND THE ACP TAXILANE.

DURING PHASE 4 THE FOLLOWING CONSTRUCTION WILL OCCUR:

- REHABILITATE AND WIDEN THE CLOSED PORTIONS OF THE RW, RW SHOULDERS, AND RSA
- REHABILITATE AND UPDATE THE GEOMETRY ON THE CLOSED PORTIONS OF THE TW, TW SHOULDERS, AND WIDEN THE TSA
- GRADING AND DITCH WORK IN THE CLOSED PORTION OF THE ROFA AND TOFA
- REPLACE LIGHTING IN THE CLOSED PORTIONS OF THE RW AND TW AS DETAILED IN THE CONSTRUCTION PLANS
- REPLACE LIGHTED SIGNS IN THE CLOSED PORTIONS OF THE RW AND TW AS DETAILED IN THE CONSTRUCTION PLANS
- REPLACE STORM DRAINS IN THE CLOSED PORTIONS OF THE RW AND INFIELD AS DETAILED IN THE CONSTRUCTION PLANS
- REMOVE RW PAINT MARKING TRANSITION BETWEEN PHASE 1 AND 3 AND INSTALL PAINT MARKINGS PER THE CONSTRUCTION PLANS

PHASE 4 NOTES:

1. PHASE 4 CANNOT BE STARTED UNTIL TW S IS COMPLETED AND OPEN FOR AIRCRAFT USE. PHASE 3 AND PHASE 4 CAN BE CONCURRENT ONCE TW S IS COMPLETED AND OPEN FOR AIRCRAFT USE.
2. TW R WILL NEED TO BE CLOSED TEMPORARILY TO REMOVE AND PAINT THE NEW TW MARKING. COORDINATE THIS CLOSURE WITH AIRPORT OPERATIONS.
3. FAA WILL BE WORKING WITHIN PHASE 3 LIMITS TO RELOCATE NAVAIDS. COMPLETE CONTRACTOR INSTALLED FAA INFRASTRUCTURE PER GCP80 AND ALLOW FAA AND THEIR CONTRACTOR ACCESS WITHIN THE PHASE LIMITS.
4. DO NOT IMPACT TONY KNOWLES COASTAL TRAIL.
5. STATIONS ARE BASED ON THE RW UNLESS NOTED OTHERWISE.
6. CONTRACTOR SHALL PROVIDE ACCESS TO THE AWWU CONTRACTOR WORK AREA THROUGH THE RUNWAY PROJECT AREA.

COMPLETE THE FOLLOWING AFTER ALL PHASES ARE COMPLETE:

- REMOVE BMPS PER CONTRACTOR APPROVED SWPPP AS DEFINED IN SPECIFICATION P-156.
- INSTALL PERMANENT BMPS AS NECESSARY PRIOR TO PROJECT COMPLETION.
- PER SPECIFICATION G-100, ALL EQUIPMENT, MATERIALS, SUPPLIES AND INCIDENTIALS SHALL BE DEMOBILIZED AND REMOVED FROM THE PROJECT SITE WITHIN 45 DAYS OF THE FINAL INSPECTION, UNLESS OTHERWISE DIRECTED BY THE ENGINEER IN WRITING.

LEGEND

- PHASE 3
- PHASE 4
- CONTRACTOR STAGING
- LIGHTED RW CLOSURE MARKER (4 / AD6)
- AIRPORT FLAGGER
- HAZARD MARKER BARRIER (1 / AD6)
- HAUL ROUTE
- TW CLOSURE MARKER (3 / AD6)

200' 0 200' 400'

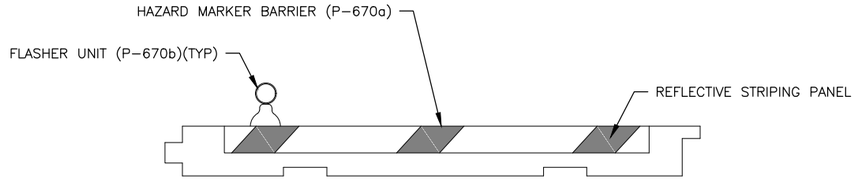
BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

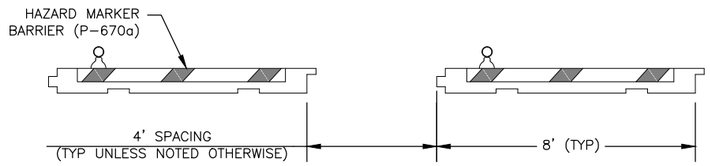
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
CONSTRUCTION SAFETY AND PHASING PLAN, PHASE 4

DATE: 2/13/2018
SHEET: AD5 OF AD12

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised: 2/13/2018, 2:23 PM
Layout Name: PHASE IV
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - CSPP.dwg



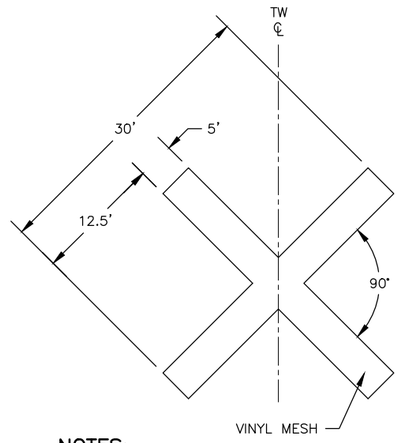
1 AD6 HAZARD MARKER BARRIER DETAIL
NTS



NOTES:

1. HAZARD MARKER BARRIERS ARE NOT TO BE PLACED WITHIN 250 FEET OF AN ACTIVE RW CENTERLINE.
2. PLACE BARRIERS TO SEPARATE CONSTRUCTION AREAS FROM OPEN PORTIONS OF THE AIRPORT.
3. DISTANCE BETWEEN BARRIERS CAN BE ADJUSTED FOR CONSTRUCTION TRAFFIC. INTERLOCK BARRIERS AT LOCATIONS SHOWN IN THE CSPP.
4. BARRIERS MUST BE LOCATED OUTSIDE THE SAFETY AREA OF ACTIVE TAXIWAYS.

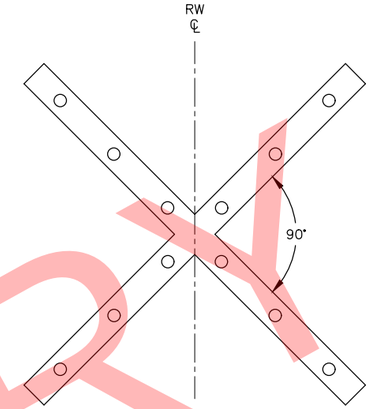
2 AD6 CONSTRUCTION CLOSURE HAZARD MARKER BARRIER DETAIL
NTS



NOTES:

1. TW CLOSURE MARKERS WILL BE YELLOW.
2. INSTALL TW CLOSURE MARKERS ALONG THE CENTERLINE AT THE ENTRANCE TO THE CLOSED TW.
3. TW CLOSURE MARKERS ARE PAID UNDER ITEM P-671b.

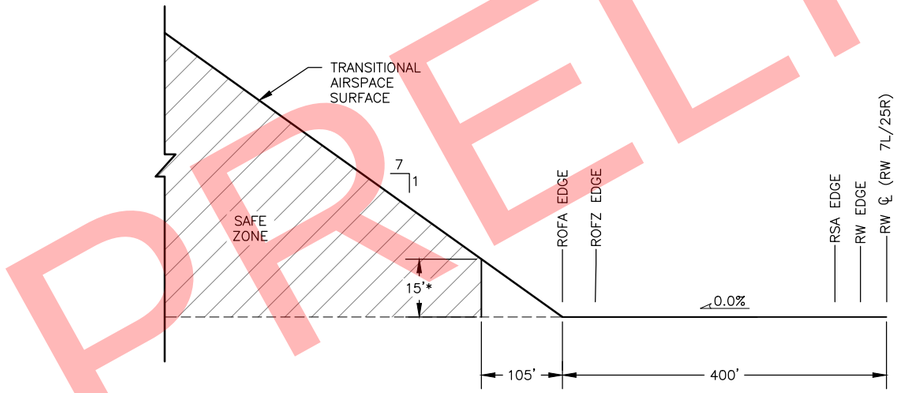
3 AD6 TAXIWAY CLOSURE MARKER DETAIL
NTS



NOTES:

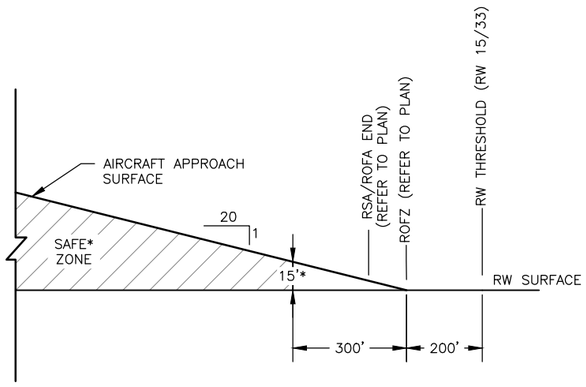
1. RW CLOSURE MARKERS WILL BE LIGHTED.
2. INSTALL RW CLOSURE MARKERS NEAR EACH THRESHOLD OF THE CLOSED RW.
3. RW CLOSURE MARKERS ARE PAID UNDER ITEM P-671a.

4 AD6 LIGHTED RUNWAY CLOSURE MARKER
NTS



*VEHICLES TALLER THAN 15 FEET (INCLUDING ALL PARTS OF THE EQUIPMENT, E.G. AN EXCAVATOR) MUST REMAIN FARTHER AWAY FROM THE RUNWAY CENTERLINE. WHEN THIS IS THE CASE, NOTIFY AND COORDINATE SAFE ZONE LIMITS WITH THE ENGINEER.

5 AD6 SAFE ZONES ADJACENT TO ACTIVE RUNWAY
NTS



*VEHICLES TALLER THAN 15 FEET (INCLUDING ALL PARTS OF THE EQUIPMENT, E.G. AN EXCAVATOR) MUST REMAIN FARTHER AWAY FROM THE RUNWAY THRESHOLD. WHEN THIS IS THE CASE, NOTIFY AND COORDINATE SAFE ZONE LIMITS WITH THE ENGINEER. THE 20:1 APPROACH IS BASED ON THE THRESHOLD ELEVATION, THE VEHICLE HEIGHT MAY NEED TO BE REDUCED IF THE GROUND ELEVATION RISES BEYOND THE THRESHOLD.

6 AD6 SAFE ZONES ALONG ACTIVE RUNWAY
NTS

PRELIMINARY

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
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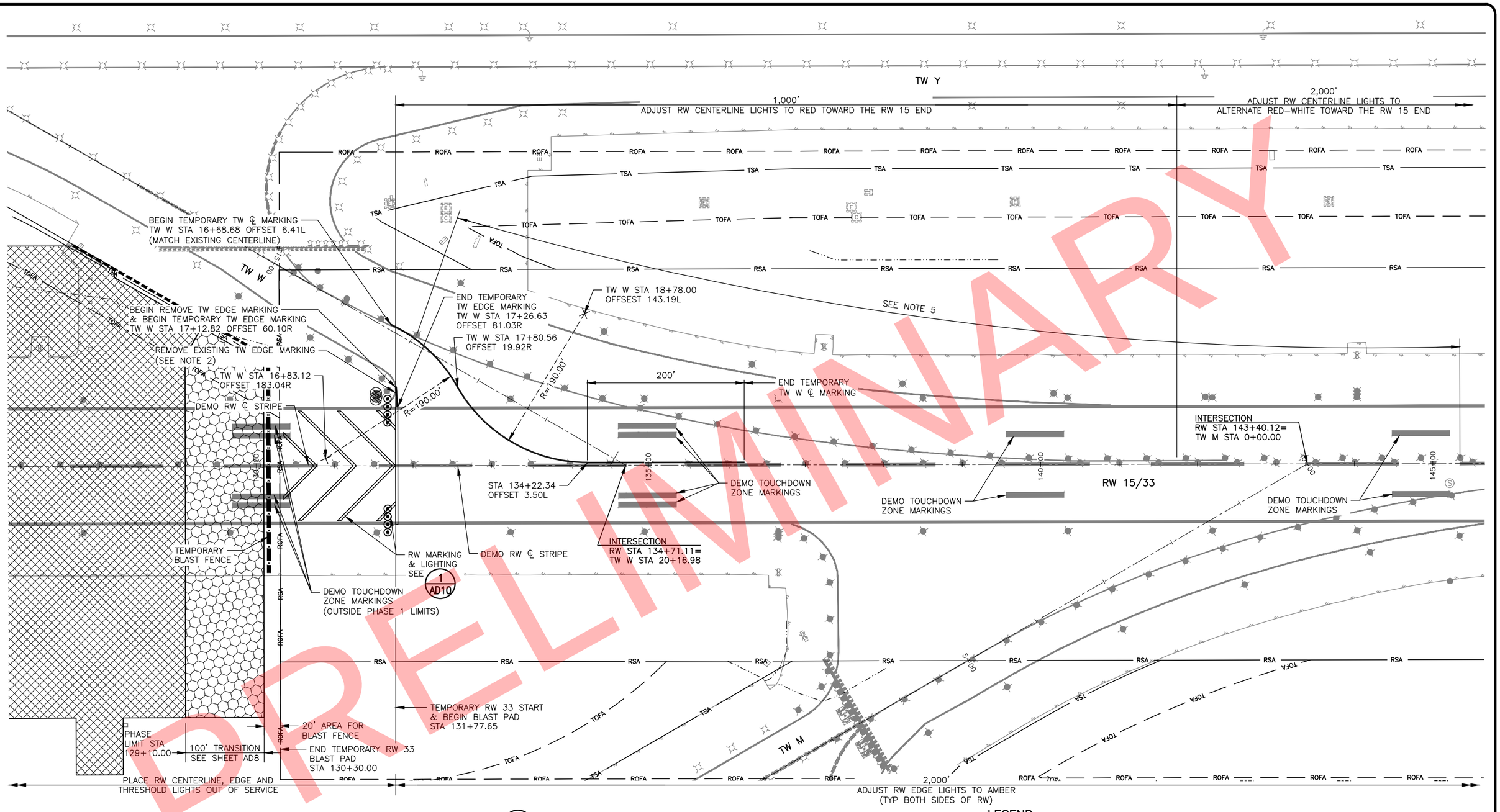
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
CONSTRUCTION SAFETY AND PHASING PLAN DETAILS

DATE: 2/13/2018
SHEET: AD6 OF AD12

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: DETAILS
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - CSPP.dwg
PJ 59049
2/13/2018, 2:23 PM



1 AD7 LIGHTING AND MARKING FOR TEMPORARY THRESHOLD
PHASE 1– RW 33 TH

NOTES:

1. TW W OPERATIONS WILL BE REDUCED TO 747–8 AND SMALLER AIRCRAFT DURING PHASE 1 CONSTRUCTION.
2. EXISTING TW W EDGE MARKINGS REMOVED PRIOR TO PHASE 1 MUST BE REFERENCED AND REPAINTED AFTER PHASE 1 IS COMPLETE. THIS WORK WILL BE PAID FOR UNDER PAY ITEM P–620G.
3. ALL PAINT REMOVAL WILL BE PAID FOR UNDER PAY ITEM P–620G.
4. FAA WILL BE WORKING WITHIN PHASE 1 LIMITS TO RELOCATE NAVAIDS. COMPLETE CONTRACTOR INSTALLED FAA INFRASTRUCTURE PER GCP 80 AND ALLOW FAA AND THEIR CONTRACTOR ACCESS WITHIN THE PHASE 1 LIMITS.
5. STATIONS AND OFFETS FOR THE TEMPORARY CENTERLINE MARKINGS ARE LABELED AT THE CENTERLINE OF THE MARKING. STATION AND OFFSETS FOR THE TW EDGE MARKING ARE LABELED AT THE OUTSIDE EDGE OF THE MARKING.
6. REMOVE LEAD–ON LIGHTS FROM SERVICE WHILE LEAVING LEAD–OFF LIGHTS IN SERVICE. SEE SHEET AD11.
7. STATIONS ARE BASED ON THE RW UNLESS NOTED OTHERWISE.

LEGEND

- PHASE 1
- PHASE 1 TRANSITION (SEE SHEET AD8 FOR DETAILS)
- HAZARD MARKER BARRIER 1 AD6
- TEMPORARY LIGHTS
- TW EDGE LIGHTS PLACED OUT OF SERVICE
- BLAST FENCE

BY	DATE	REVISION

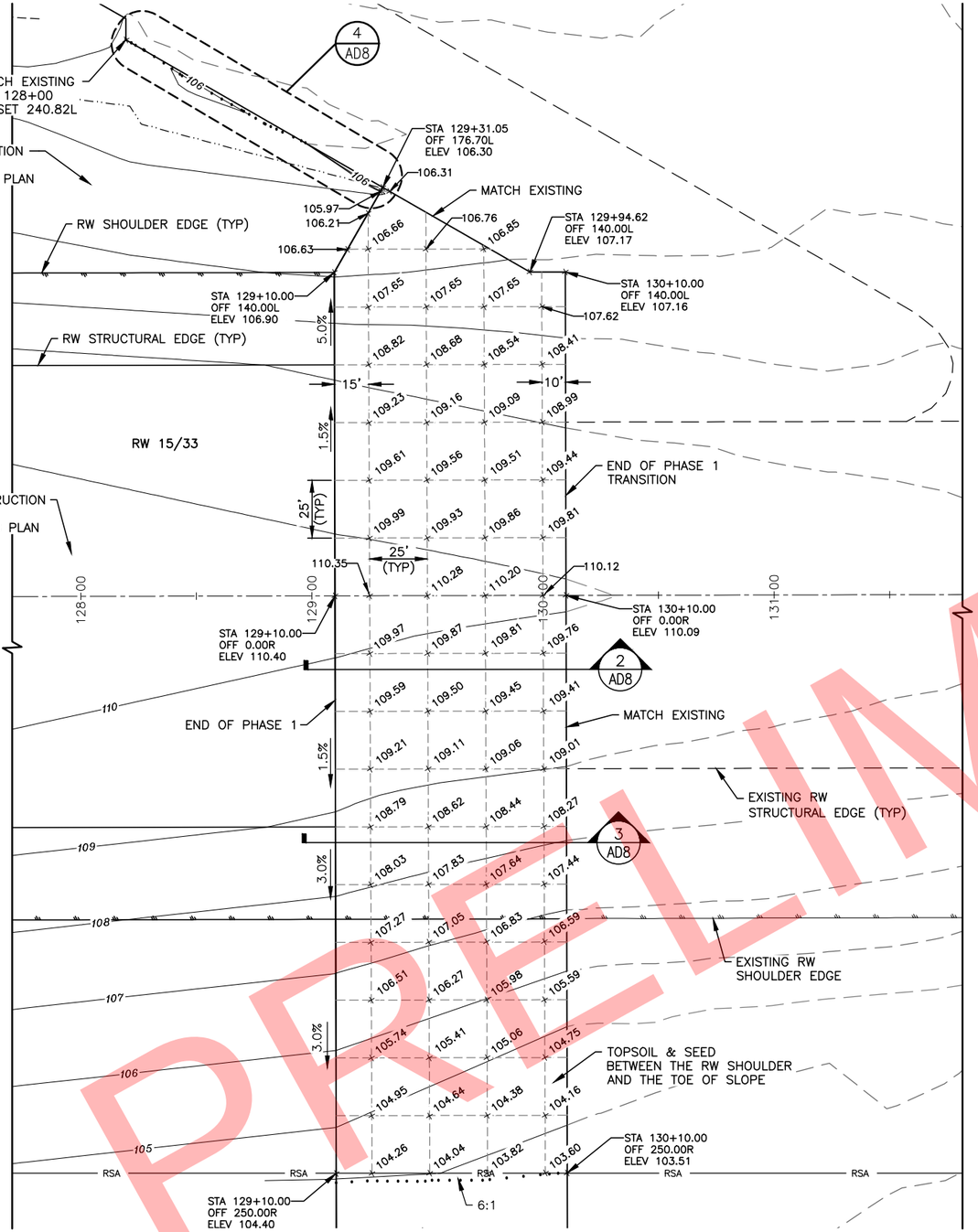
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
CONSTRUCTION SAFETY AND PHASING PLAN, PHASE 1 DETAILS

DATE: 2/13/2018
SHEET: AD7 OF AD12

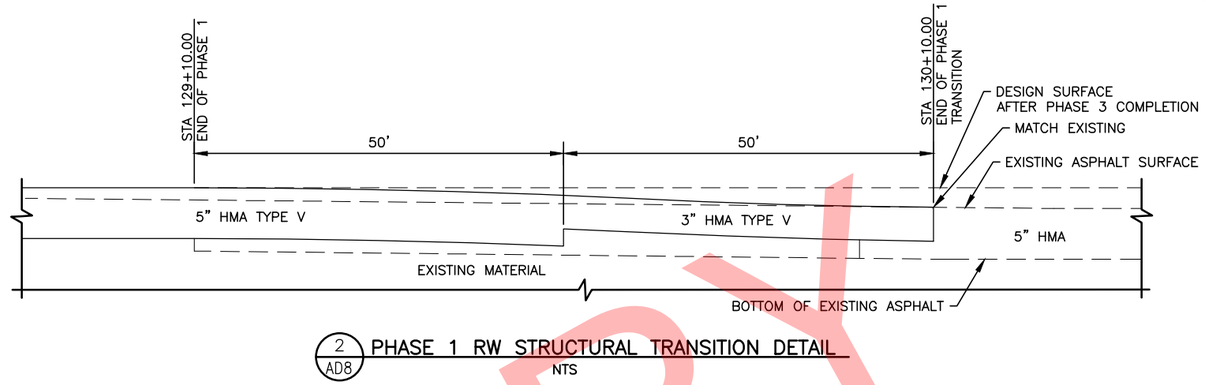
Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: PHASE 1 (2)
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA – CSPP.dwg
2/13/2018, 2:23 PM

PRELIMINARY



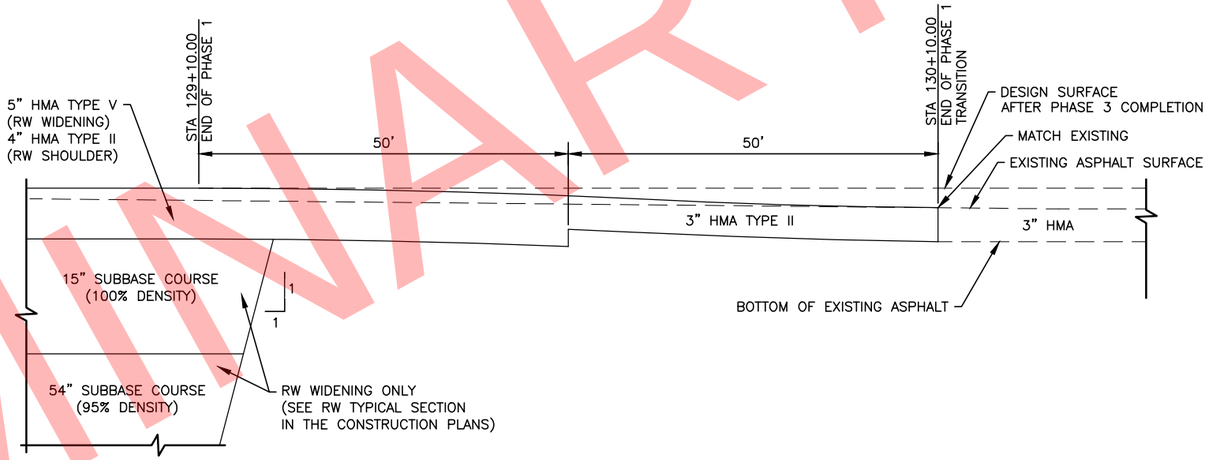
1 AD8 PHASE 1 TRANSITION PLAN

30' 15' 0 30' 60'
HORIZONTAL SCALE



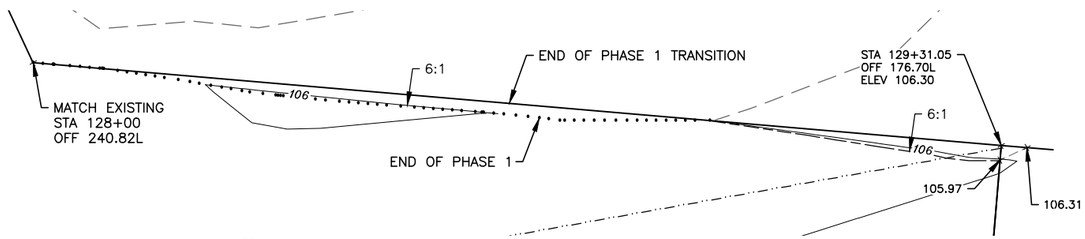
2 AD8 PHASE 1 RW STRUCTURAL TRANSITION DETAIL

NTS



3 AD8 PHASE 1 RW WIDENING AND RW SHOULDER TRANSITION DETAIL

NTS



4 AD8 PHASE 1 TRANSITION GRADING DETAIL

10' 5' 0 10' 20'
HORIZONTAL SCALE

NOTES:

1. THIS TRANSITION TEMPORARILY ACCOMMODATES THE VERTICAL DIFFERENCES BETWEEN PHASE 1 AND THE REMAINING PORTION OF THE RUNWAY UNTIL PHASE 3 IS CONSTRUCTED.
2. PROVIDE TACK COAT BETWEEN ALL LIFTS AND LAYERS OF HOT MIX ASPHALT.
3. THIS WORK IS SUBSIDIARY TO THE CONTRACT.

PRELIMINARY

STATE OF ALASKA 49TH
Jenelle R Brinkman
CE - 13209
REGISTERED PROFESSIONAL ENGINEER

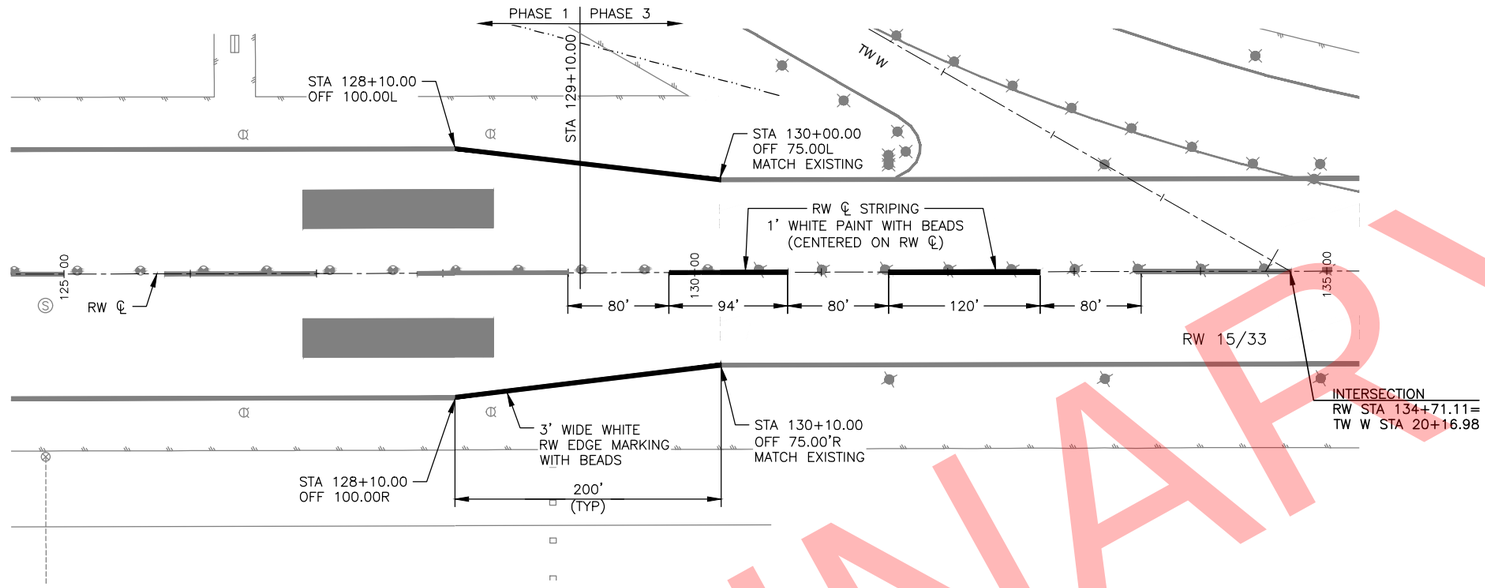
BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
CONSTRUCTION SAFETY AND PHASING PLAN
PHASE 1 TRANSITION DETAILS

DATE: 2/13/2018
SHEET: AD8 OF AD12

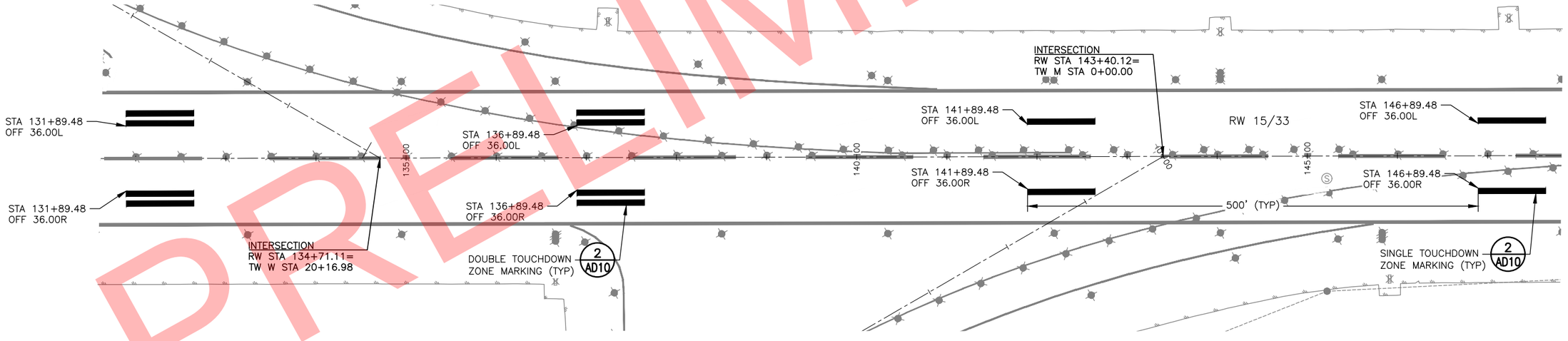
Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: typ details 3
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - Details.dwg
2/13/2018, 2:23 PM
Version PJ 59049



NOTE: INSTALL MARKINGS AFTER PHASE 1.

1 / AD9 PERMANENT MARKING BETWEEN PHASE 1 & PHASE 3

60' 0 60' 120'



NOTE: INSTALL MARKINGS AFTER PHASE 2.

2 / AD9 PERMANENT MARKING BETWEEN PHASE 1 & PHASE 3

60' 0 60' 120'

PRELIMINARY

Designed By:	TC/MR/AD
Drawn By:	RKB
Checked By:	JRB

Date Revised: 2/13/2018, 2:24 PM
Layout Name: PHASE III (2)
File Path and Name: W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA – CSPP.dwg

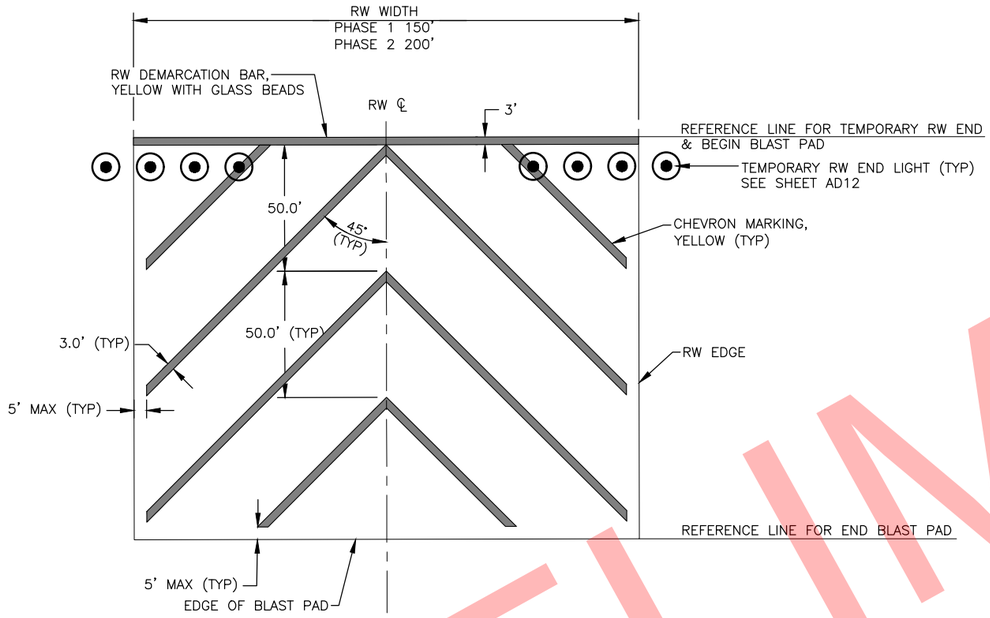
BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

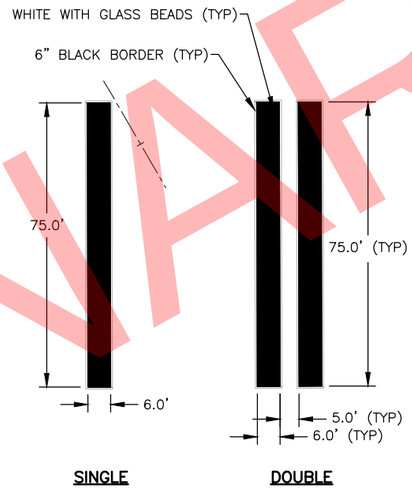
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
CONSTRUCTION SAFETY AND PHASING PLAN, MARKINGS

DATE: 2/13/2018

SHEET: AD9 OF AD12



1 AD10 TEMPORARY RW MARKING AND LIGHTING DETAIL



2 AD10 PERMANENT RW TOUCHDOWN ZONE MARKING DETAILS

PRELIMINARY

Designed By:	TC/MR/AD
Drawn By:	RKB
Checked By:	JRB
Date Revised:	2/13/2018, 2:24 PM
Layout Name:	PHASE II (3)
File Path and Name:	W:\Projects\AIA Ted Stevens\Runway 15-33 Rehabilitation PJ 59049\Final Drawings\59049 AIA - CSPP.dwg

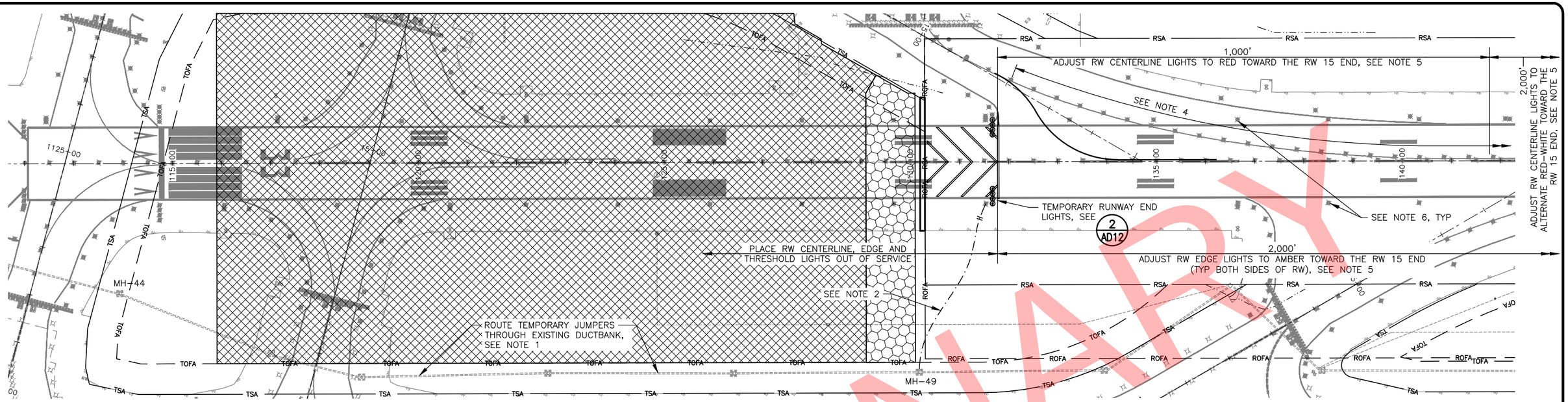
BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
CONSTRUCTION SAFETY AND PHASING PLAN, MARKING DETAILS

DATE: 2/13/2018

SHEET: AD10 OF AD12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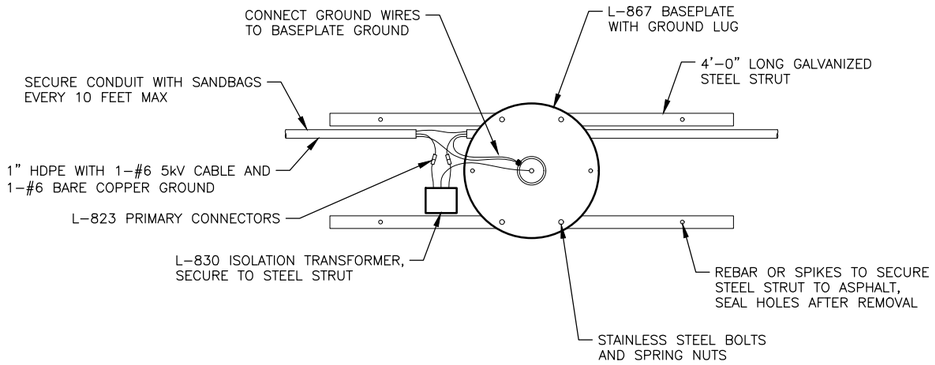
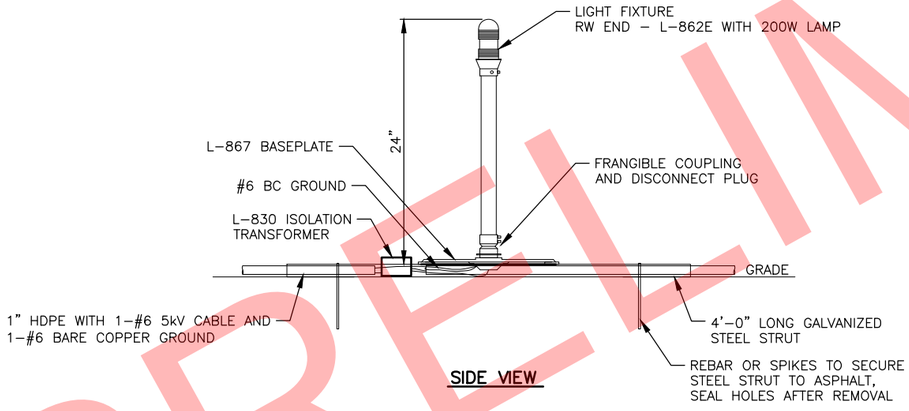
MH-49
TOFA
TSA
ROFA
RSA
ROTATE
ROTATE
ROTATE

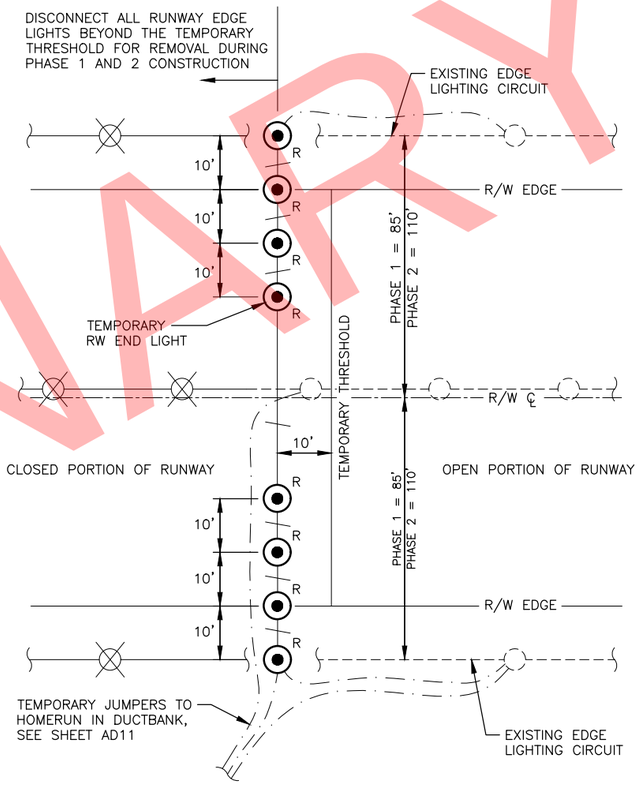


PLAN VIEW



SIDE VIEW

1 AD12 TEMPORARY LIGHT DETAIL
NTS



2 AD12 TEMPORARY THRESHOLD LIGHTING DETAIL
NTS

PRELIMINARY

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
RUNWAY 15/33 REHABILITATION
PROJECT NO. Z590490000
AIP NO. 3-02-0016-184-2017
CONSTRUCTION SAFETY AND PHASING PLAN, ELECTRICAL DETAILS

DATE: 2/13/2018
SHEET: AD12 OF AD12

Designed By: TC/MR/AD
Drawn By: RKB
Checked By: JRB
Date Revised:
Layout Name: PHASE_II (4)
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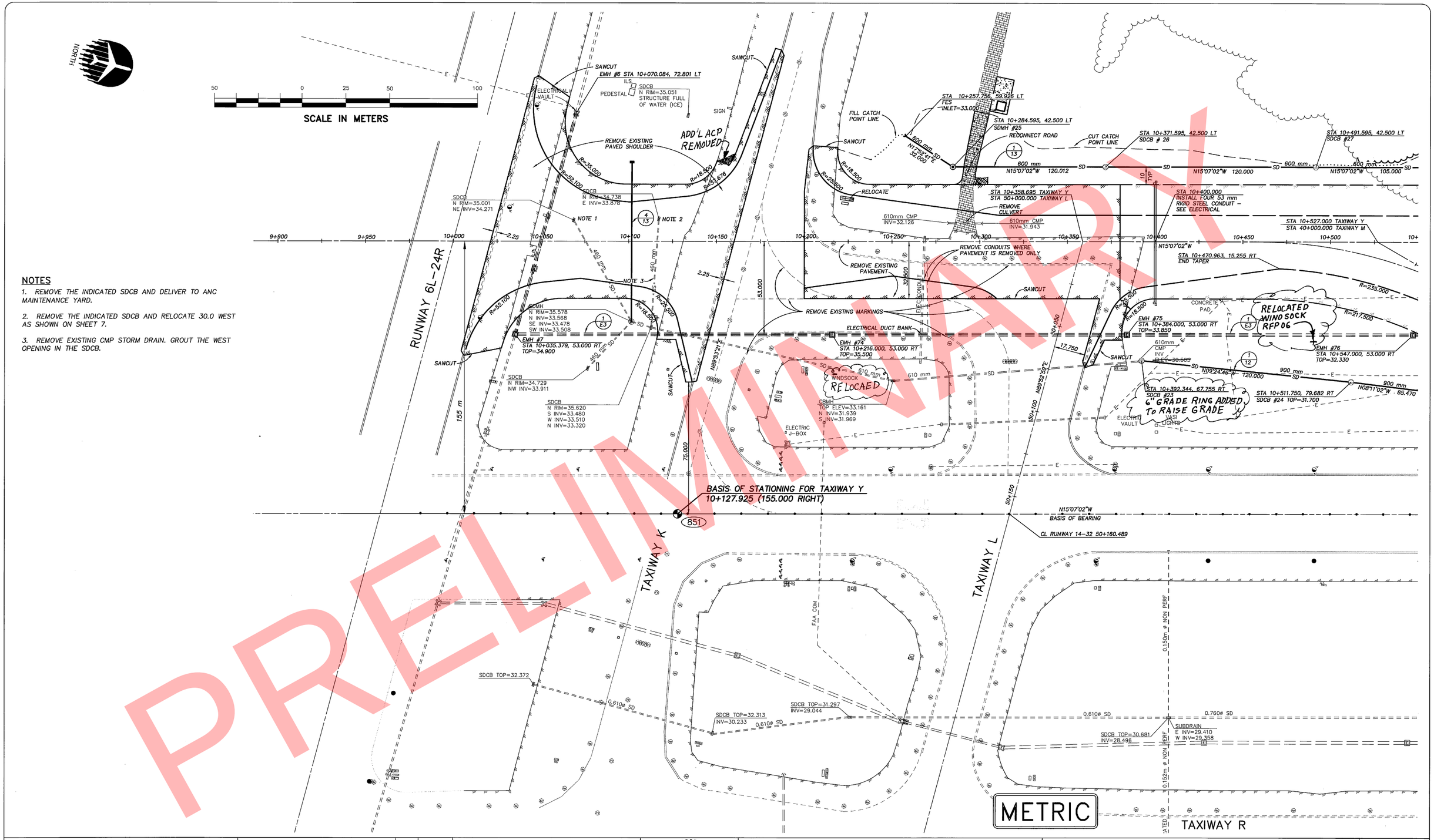

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Checked By: WPH
Drawn By: DP/GLB
Date Plotted: JUNE 18, 2001
Plot Ratio and View:
File:

DOWL ENGINEERS
4040 "B" Street Anchorage, Alaska 99503
PHONE (907) 562-2000 FAX (907) 563-3953

BY	DATE	REVISIONS
GLB	11-8-04	AS-BUILT

STATE OF ALASKA 49TH
William P. Hamm CE-3000
REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

TED STEVENS ANCHORAGE INTERNATIONAL AIRPORT
ANCHORAGE, ALASKA
ANC–N/S TAXIWAY CONSTRUCTION – PHASE 1
PROJECT No. 54637
AIP No. 3–02–0016–6201
TAXIWAY Y PLAN

SHEET 5 OF 39

AS-BUILT 11/2004 5 OF 41

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PRELIMINARY

NORTH

50 0 25 50 100

SCALE IN METERS

CLEAR BRUSH FROM HILL REMOVE ORGANICS AND USE. BORROW MATERIAL ON T/W'Y.

CLEARING LIMITS (TYPICAL)

FILL CATCH POINTS

STA 10+596.595, 42.500 LT
SDCB # 28 TOP=31.660

EXISTING TREE LINE (TYPICAL)

STA 10+879.140, 62.00 LT±
SDMH #33

1675 mm CMP

N51°39'19"E 119.703

1650 mm SD

UTILITY CORRIDOR:
3–FUEL
GAS
TELEPHONE
FIBER OPTIC CABLE
ELECTRIC

450 mm CMP
INV=28.926

STA 11+048.000

CLEARING LIMITS

SEE SHEET P2

STA 11+185.367, 42.500 LT
SDCB #19 TOP=31.036

2-32mm +1-25mm

INSTALL 100 mm RIGID STEEL CONDUIT AND INTERDUCTS FOR TEMPORARY RELOCATION OF FIBER OPTIC CABLE BY ACS. LEVEL INVERT 30.500 UNDER TAXIWAY

STA 11+200 END OF PROJECT

TAXIWAY Y

RUNWAY 14–32

STA 10+926.642, 47.874 RT
SDCB #32 TOP=31.300

NEW RVR PAD

RVR (TO BE RELOCATED)

POWER SERVICE PEDESTAL

EMH #77
STA 10+704.000, 53.000 RT
TOP=32.290

ELECTRICAL DUCT BANK

EMH #78
STA 10+836.000, 53.000 RT
TOP=31.690

STA 10+728.000, 70.000 RT
SDCB #30 TOP=31.200

STA 10+848.000, 70.000 RT
SDCB #31 TOP=30.800

CS
SDMH
INV=24.445
1375 mm CMP
RF1-010

EMH #79
STA 10+967.000, 53.000 RT
TOP=31.273

UTILIDOR VAULT (FUEL/ELECTRICAL)

ELECTRICAL SECTION CABINET

EMH #80
STA 11+079.000, 53.000 RT
TOP=31.350

STA 11+041.000 75.000 RT
SDCB #21 TOP=30.640

STA 11+161.000, 75.000 RT
SDCB #20 TOP=30.900

EMH #81
STA 11+192.000, 53.000 RT
TOP=31.750

11+218

11+221

Fiber Optic Cable

2 EA 53 mm RSC SEE ELECTRICAL

TAXIWAY M

VASI LIGHTS

STA 10+596.595, 90.000 RT
SDCB # 29 TOP=31.600

ADDED 24" BARREL SECTION GRADE TOO STEEP OF R/W 14/32

65 mm PVC PIPE, W/ PLUG 450 mm HIGH IN 300 mm X 300 mm CONC. PAD (TO BE REMOVED)

EDGE OF ASPHALT

STA 40+ 310.000 TAXIWAY M

1375 mm ø OUTFALL SD

0.762ø NON PERF

UTILIDOR: 2–FUEL GAS TELEPHONE

UTILIDOR 1.2 m

305 mm

ABANDONED SENSOR UNIT

SDCB TOP=29.297
N INV=26.972
S INV=26.819

SUBDRAIN E
INV=28.331 W
INV=28.724

SDCB TOP=29.880
INV=27.484

0.152 ø NON PERF

400 mm DIP

FAA COM–ABANDONED

RPU–2 COMMUNICATIONS BOX

0.150m ø NON PERF

0.760ø SD

SDCB
TOP=29.386
INV=27.246

SUBDRAIN
W INV=28.188

SDCB
TOP=29.343
INV=27.947

SUBDRAIN
E INV=28.865
W INV=28.773

SDCB
TOP=28.834
S INV=26.240
N INV=25.935
W INV=25.881
E INV=26.025

0.152 DROP CONNECTION
INV=28.316

250 mm CROSSTOWN SUPPLY LINE & 610 mm HYDRANT SYSTEM SUPPLY LINE

TAXIWAY R

TAXIWAY R

METRIC

DOWL FILE No: 228–91

PLOTTED: AUG 17 2001 09:18:39 (WS#45)

SCRIPT FILE FOR THIS SHEET:

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Designed By: WPH
Checked By: WPH
Drawn By: DP/GLB
Date Plotted: JUNE 18, 2001
Plot Ratio and View:
File:

DOWL ENGINEERS
4040 "B" Street Anchorage, Alaska 99503
PHONE (907) 562–2000 FAX (907) 563–3953

BY	DATE	REVISIONS
WPH	7/13/01	IDENTIFY CLEARING LIMITS
WPH	8/16/01	CORRECT DIMENSIONS ⚠1
QD	11-8-04	AS-BUILT

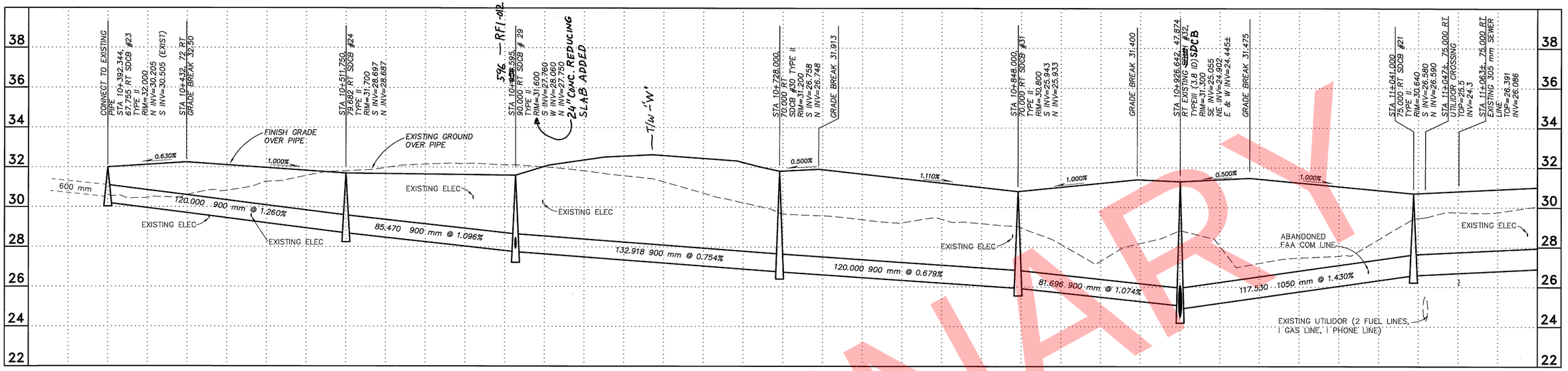
STATE OF ALASKA 49TH
William P. Hamm CE–3000 Registered Professional Engineer 9/8/01

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

TED STEVENS ANCHORAGE INTERNATIONAL AIRPORT
ANCHORAGE, ALASKA
ANC–N/S TAXIWAY CONSTRUCTION – PHASE 1
PROJECT No. 54637
AIP No. 3–02–0016–6201
TAXIWAY Y PLAN

SHEET 6R OF 39

AS-BUILT 11/2004 6 OF 41



1/12 STORM DRAIN PROFILE

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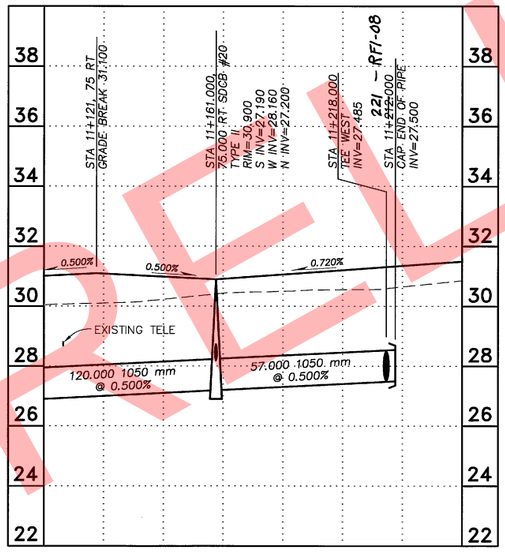
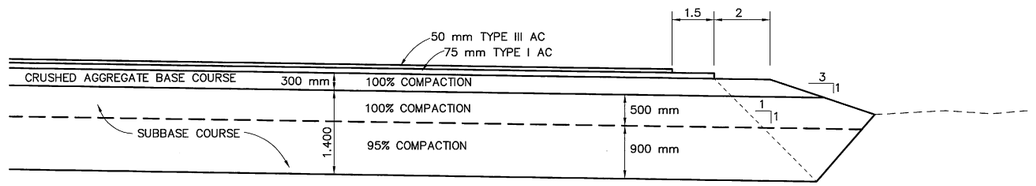
SCALE IN METERS



2/12 STORM DRAIN PROFILE

STORM DRAIN NOTE

1. AFTER GRADING IS COMPLETED CONSTRUCT TEMPORARY SILT FENCE AROUND ALL CBMH INLETS AT ~~5 METER RADIUS.~~ 8 FEET SQUARE



3/12 STRUCTURAL PAVEMENT TERMINATION △1

NTS

METRIC

PRELIMINARY

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Checked By: WPH
Drawn By: DP/GLB
Date Plotted: SEP 10, 2001
Plot Ratio and View:
File:

DOWL ENGINEERS
4040 "B" Street Anchorage, Alaska 99503
PHONE (907) 562-2000 FAX (907) 563-3953

BY	DATE	REVISIONS
CP	11-8-04	AS-BUILT
WPH	9/26/01	ADD DETAIL 3/12 FOR CO #1 △1

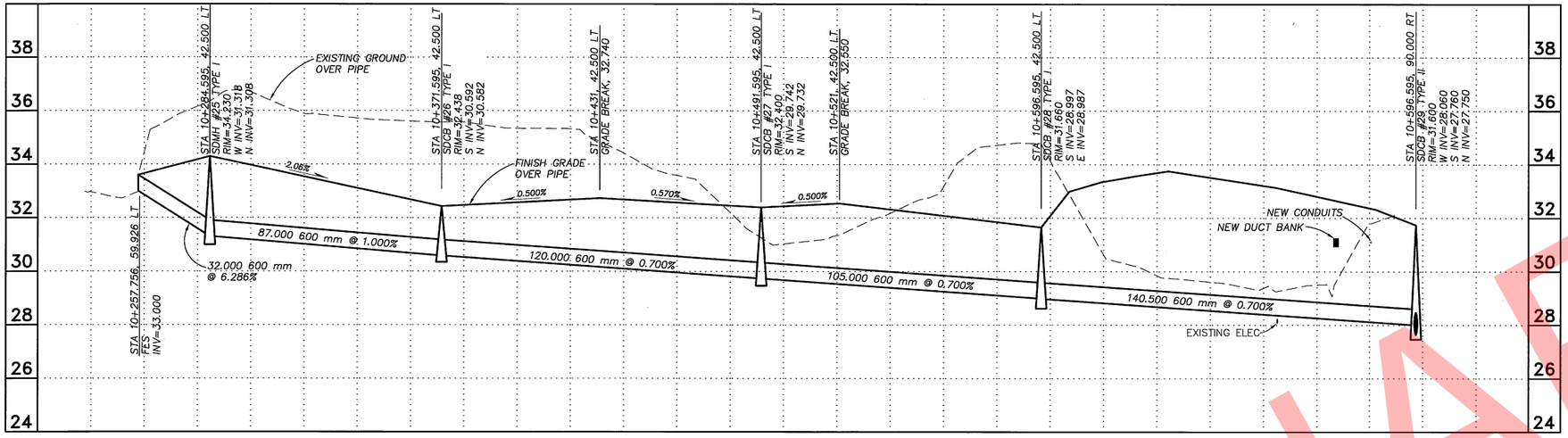
STATE OF ALASKA 49TH — William P. Hamm CE-3000 — 9/28/01 — REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

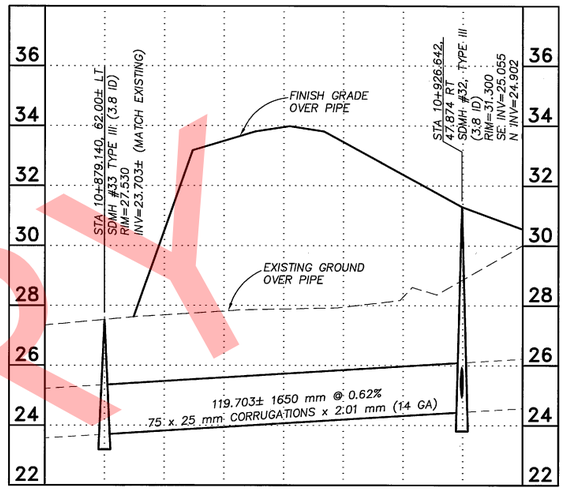
TED STEVENS ANCHORAGE INTERNATIONAL AIRPORT
ANCHORAGE, ALASKA
ANC-N/S TAXIWAY CONSTRUCTION - PHASE 1
PROJECT No. 54637
AIP No. 3-02-0016-6201
TAXIWAY Y STORM DRAIN PROFILE

SHEET 12R OF 39

AS-BUILT 11/2004 12 OF 41



1/13 **STORM DRAIN PROFILE AT STA 10+595**



2/13 **STORM DRAIN PROFILE**

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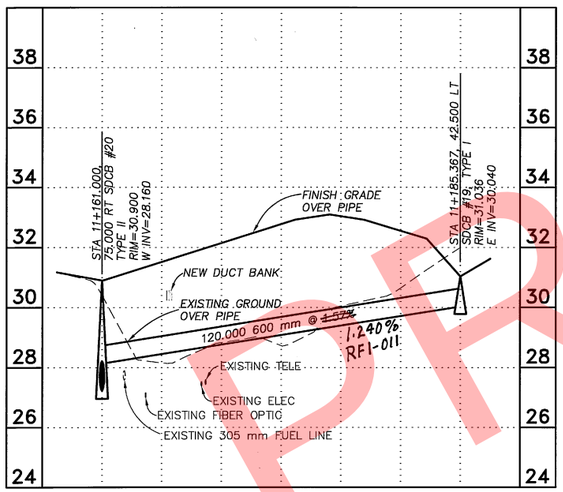
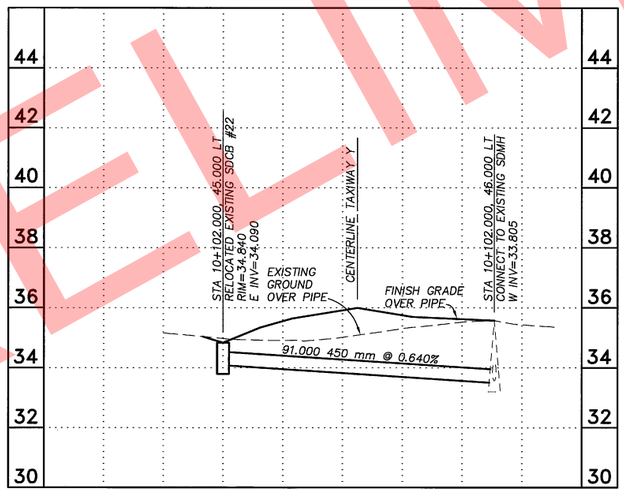
SCALE IN METERS



3/13 **STORM DRAIN PROFILE**



4/13 **STORMDRAIN PROFILE AT STA 10+102**

STORMDRAIN STRUCTURE SCHEDULE

PHASE II RFI-002

RFI-005 CONSTRUCT M.H. SLAB +RINGS AS REQ'D

STRUCTURE NUMBER	TYPE*	INSIDE DIAMETER	RIM (TOP) ELEVATION	PIPE INVERTS & (SIZES) NORTHERLY	EASTERLY	SOUTHERLY	WESTERLY	NEENAH CASTING	LID TYPE
18	II	1.8	31.400	27.810 (1050)	29.650 ~~30.040~~ (600) RFI-011	27.800 (1050)		R-3492-A	GRATE
19	I	1.2	31.036					R-3492-A	GRATE
20	II	1.8	30.900	27.200 (1050)		27.190 (1050)	28.160 (600)	R-3492-A	GRATE
21	II	1.8	30.640	26.590 (1050)		26.580 (1050)		R-3492-A	GRATE
22	EXISTING		34.840		34.090 (450)			R-3475-1	GRATE
23	II	1.8	32.000	30.205 (900)		30.505 (600)		R-3492-A	GRATE
24	II	1.8	31.700	28.687 (900)		28.697 (900)		R-3492-A	GRATE
25	I	1.2	34.230	31.308 (600)			31.318 (600)	R-3492-A	SOLID
26	I	1.2	32.438	30.582 (600)		30.592 (600)		R-3492-A	GRATE
27	I	1.2	32.400	29.732 (600)		29.742 (600)		R-3492-A	GRATE
28	I	1.2	31.660		28.987 (600)	28.997 (600)		R-3492-A	GRATE
29	II	1.8	31.600	27.750 (900)		27.760 (900)	28.060 (600)	R-3492-A	GRATE
30	II	1.8	31.200	26.748 (900)		26.758 (900)		R-3492-A	GRATE
31	II	1.8	30.800	25.933 (900)	RFI-010 1375	25.943 (900)		R-3492-A	GRATE
32	III	3.~~6~~	31.300	24.902 (1050)	24.445 ~~(1650)~~	25.055 (900)	24.445 (1650)	R-3492-A	~~SOLID~~
33	III	3.~~6~~	27.530		23.703 (1650)		23.703 (1650)	R-3492-A	GRATE

*SEE STANDARD DETAILS RFI-001

GRATE CHANGED FOR DRAINAGE 9/19/02

METRIC

PRELIMINARY

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Checked By: WPH
Drawn By: DP/GLB
Date Plotted: JUNE 18, 2001
Plot Ratio and View:
File:

DOWL ENGINEERS
4040 "B" Street Anchorage, Alaska 99503
PHONE (907) 562-2000 FAX (907) 563-3953

BY	DATE	REVISIONS
gp	11.8.04	AS-BUILT

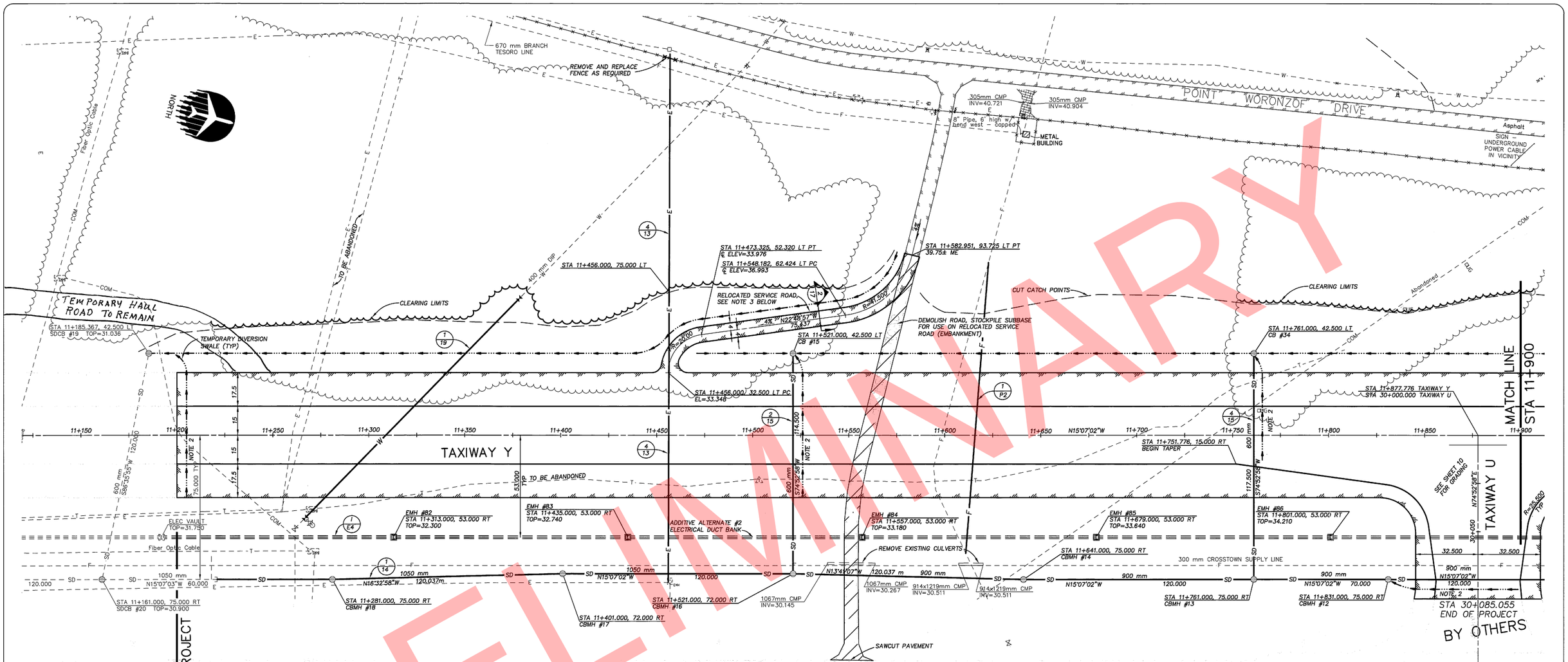
STATE OF ALASKA 49TH STATE William P. Hamm SE-3000 6/8/01 REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

TED STEVENS ANCHORAGE INTERNATIONAL AIRPORT
ANCHORAGE, ALASKA
ANC–N/S TAXIWAY CONSTRUCTION – PHASE 1
PROJECT No. 54637
AIP No. 3–02–0016–6201
TAXIWAY Y STORM DRAIN PROFILE

SHEET 13 OF 39

AS-BUILT 11/2004 13 OF 41



PRELIMINARY

NOTES

1. THE PLANS DEPICT FINISH GRADE SURFACES. THIS CONTRACT DOES **NOT** INCLUDE SUBBASE, CABC, PAVING, OR MARKING.
2. PROVIDE DIVERSION SWALE WHERE SHOWN TO DIRECT RUNOFF INTO NEW CATCH BASIN. SEE DETAIL 2/16.
3. THE NEW ACCESS ROAD SHALL BE ALIGNED AS SHOWN WITH A UNIFORM GRADE OF 4% ALONG THE CENTERLINE. PROVIDE CROWNED SECTION FULL LENGTH, TRANSITIONING TO MATCH ADJACENT SURFACES AT EACH END.

50 0 25 50 100

SCALE IN METERS

METRIC

BY	DATE	REVISIONS	BY	DATE	REVISIONS
			SH	7/26/05	AS-BUILT

Designed By: WPH
Checked By: WPH
Drawn By: DP/GLB
Date Plotted: 5/24/02
Plot Ratio and View:
File:

PLANS DEVELOPED BY DOWL ENGINEERS

STATE OF ALASKA 49TH — William P. Hamm CE-3000 — REGISTERED PROFESSIONAL ENGINEER — 7/1/02

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

TED STEVENS ANCHORAGE INTERNATIONAL AIRPORT
ANCHORAGE, ALASKA
ANC-N/S TAXIWAY CONSTRUCTION - PHASE 2
PROJECT No. 55436
AIP No. 3-02-0016-6402
TAXIWAY Y PLAN

SHEET 5 OF 32

AS-BUILT 05/05 5 OF 32

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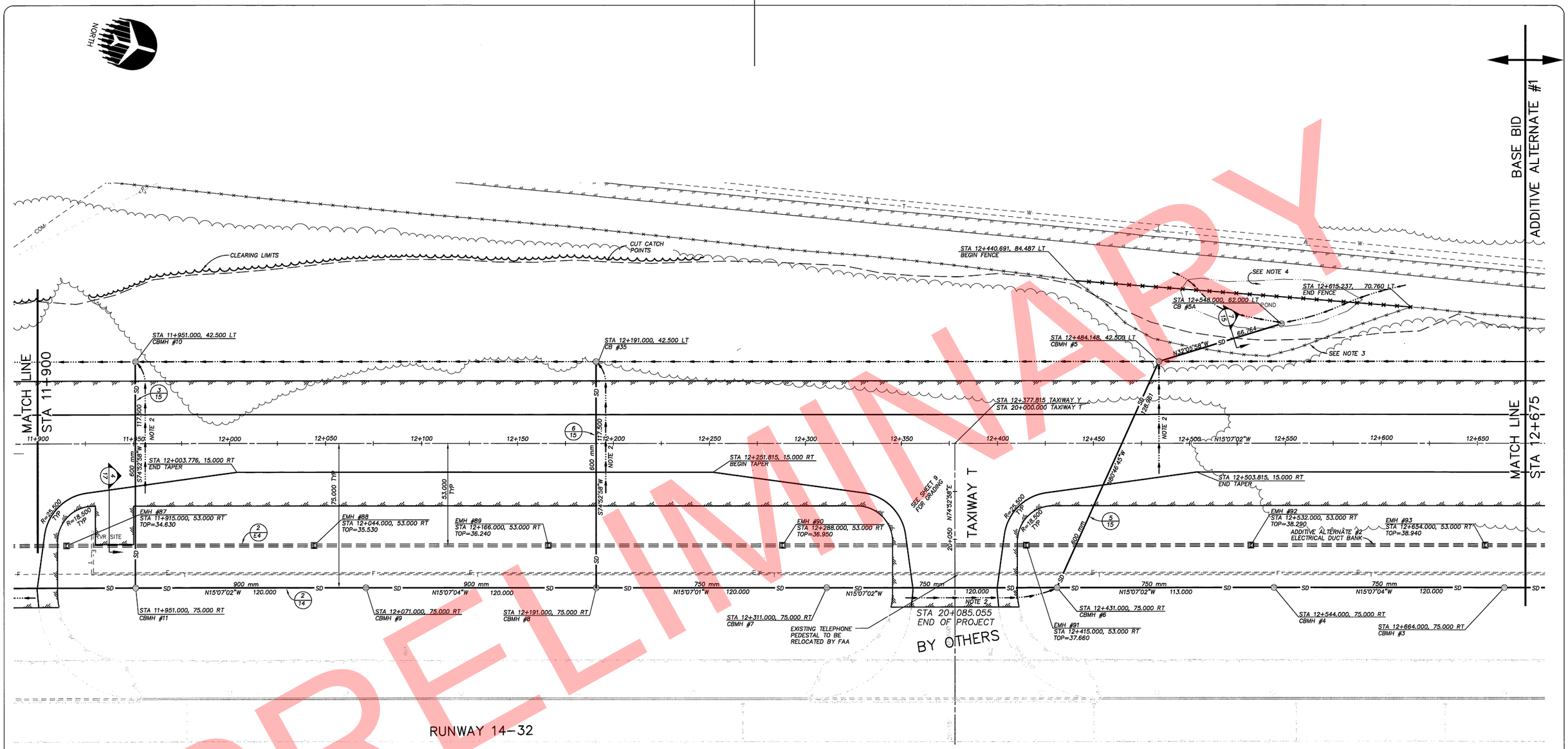

PRELIMINARY

NOTES

1. THE PLANS DEPICT FINISH GRADE SURFACES. THIS CONTRACT DOES **NOT** INCLUDE SUBBASE, CABC, PAVING, OR MARKING.
2. PROVIDE DIVERSION SWALE WHERE SHOWN TO DIRECT RUNOFF INTO NEW CATCH BASIN. SEE DETAIL 2/16.
3. REMOVE PERIMETER SECURITY FENCE WHERE REQUIRED TO PERFORM EARTHWORK AS SHOWN ON DRAWINGS. MAINTAIN AIRPORT SECURITY IN ACCORDANCE WITH SECTION 70-21 OF SPECIFICATIONS. CONSTRUCT NEW PERIMETER SECURITY FENCE IN ACCORDANCE WITH DETAIL F-01.01M AS SOON AS POSSIBLE. ROLL AND DELIVER OLD FABRIC TO AIRPORT MAINTENANCE. ALL NEW SECURITY FENCE AND GATES SHALL BE CONSTRUCTED WITH 3 STRANDS OF BARBED WIRE ON TOP, UTILIZING STANDARD 45° BARB ARMS. (1)
4. PUMP OR DRAIN WATER OUT OF EXISTING POND INTO NEW STORM DRAIN LINE OR OTHER SUITABLE OUTFALL. FILL POND WITH EMBANKMENT TO A NOMINAL ELEVATION OF 41.0, WITH A 1% SLOPE TOWARD THE EAST. PROVIDE SWALES TO CATCH BASIN 5A. COMPACT TO 90%. APPLY CLASS B TOPSOIL AND SEEDING.

METRIC

Designed By: WPH Checked By: WPH Drawn By: DP/GLB Date Plotted: 5/24/02 Plot Ratio and View: File:						
	SH	7/26/05	AS-BUILT			
	WPH	6/25/02	(1) REVISE NOTE 3 FOR ADDENDUM #2			
	BY	DATE	REVISIONS	BY	DATE	REVISIONS

PLANS DEVELOPED BY DOWL ENGINEERS

STATE OF ALASKA
49TH
William P. Hamm
CE-3000
REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

TED STEVENS ANCHORAGE INTERNATIONAL AIRPORT
ANCHORAGE, ALASKA
ANC–N/S TAXIWAY CONSTRUCTION – PHASE 2
PROJECT No. 55436
AIP No. 3–02–0016–6402
TAXIWAY Y PLAN

SHEET 6 OF 32

AS-BUILT 05/05 6 OF 32

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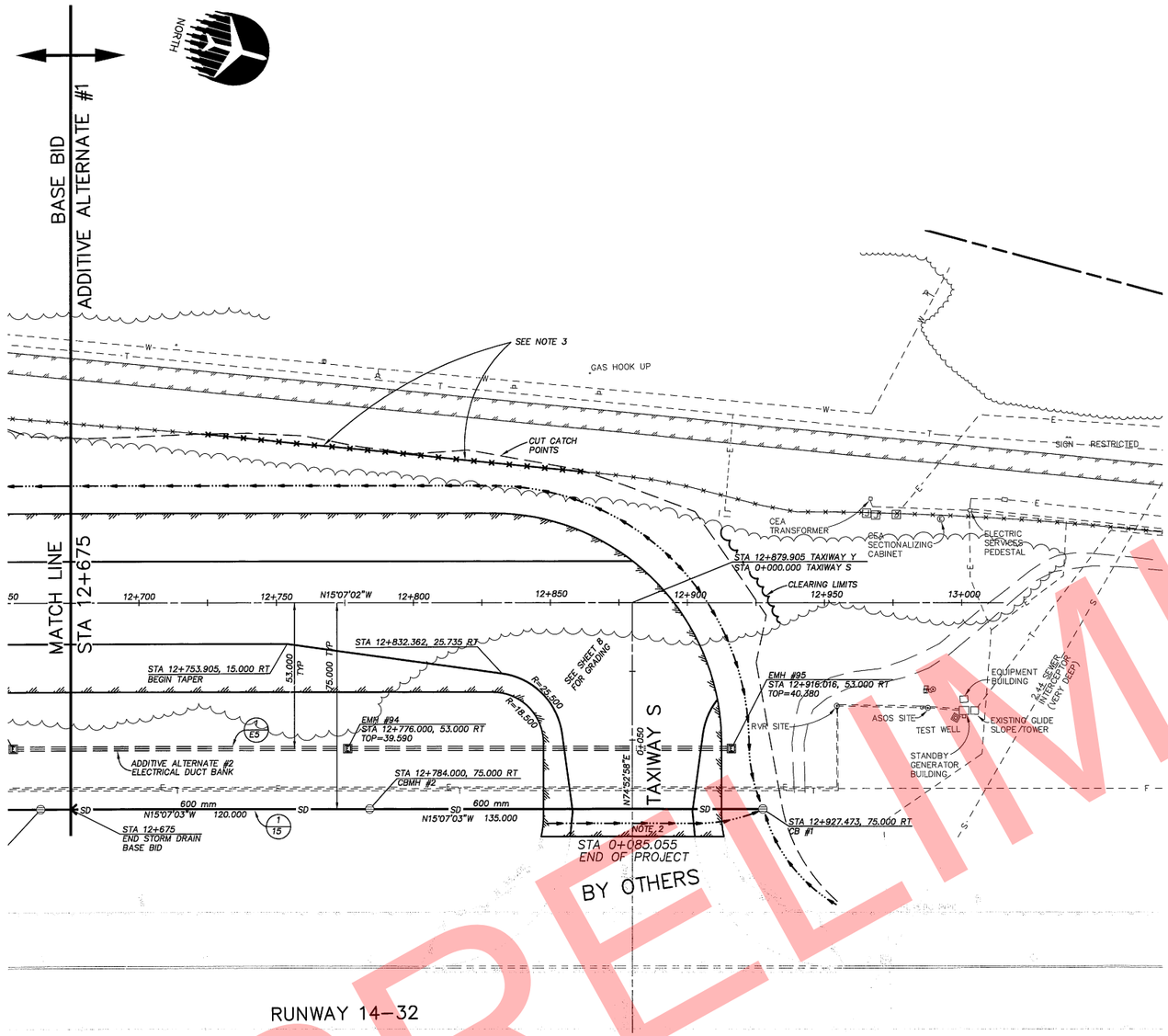
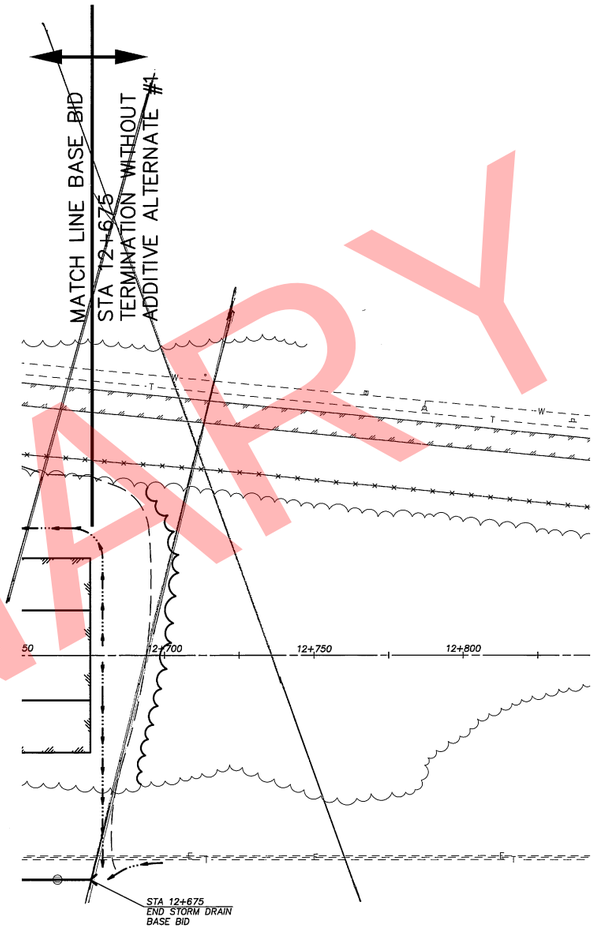




PRELIMINARY

NOTES

1. THE PLANS DEPICT FINISH GRADE SURFACES. THIS CONTRACT DOES **NOT** INCLUDE SUBBASE, CABC, PAVING, OR MARKING.
2. PROVIDE DIVERSION SWALE WHERE SHOWN TO DIRECT RUNOFF INTO NEW CATCH BASIN. SEE DETAIL 2/16.
3. REMOVE PERIMETER SECURITY FENCE WHERE REQUIRED TO PERFORM EARTHWORK AS SHOWN ON DRAWINGS. MAINTAIN AIRPORT SECURITY IN ACCORDANCE WITH SECTION 70-21 OF SPECIFICATIONS. CONSTRUCT NEW PERIMETER SECURITY FENCE IN ACCORDANCE WITH DETAIL F-01.01M AS SOON AS POSSIBLE. ROLL AND DELIVER OLD FENCE TO AIRPORT MAINTENANCE.

ALL NEW SECURITY FENCE AND GATES SHALL BE CONSTRUCTED WITH 3 STRANDS OF BARBED WIRE ON TOP, UTILIZING STANDARD 45° BARB ARMS. (1)

50 0 25 50 100

SCALE IN METERS

METRIC

BY	DATE	REVISIONS	BY	DATE	REVISIONS
SW	7/26/05	AS-BUILT			
WPH	6/25/02	(1) REVISE NOTE 3 FOR ADDENDUM #2			

Designed By: WPH
Checked By: WPH
Drawn By: DP/GLB
Date Plotted: 5/24/02
Plot Ratio and View:
File:

PLANS DEVELOPED BY DOWL ENGINEERS

STATE OF ALASKA
49TH
William P. Hamm
CE-3000
REGISTERED PROFESSIONAL ENGINEER
7/1/02

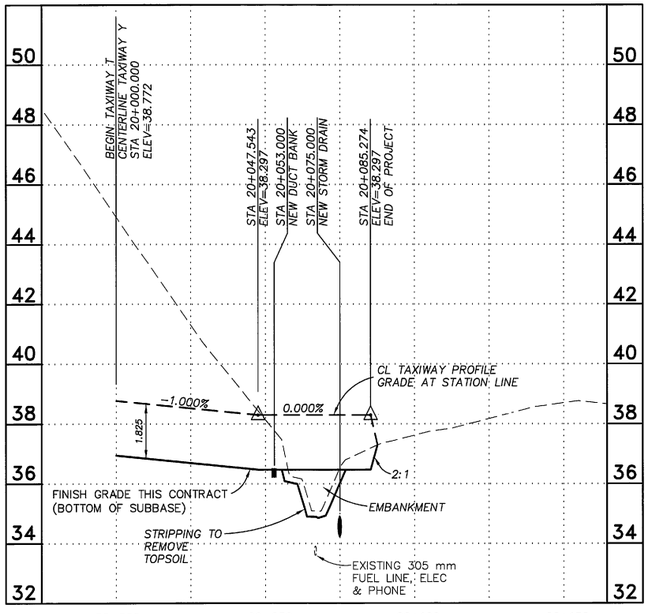
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

TED STEVENS ANCHORAGE INTERNATIONAL AIRPORT
ANCHORAGE, ALASKA
ANC-N/S TAXIWAY CONSTRUCTION - PHASE 2
PROJECT No. 55436
AIP No. 3-02-0016-6402
TAXIWAY Y PLAN

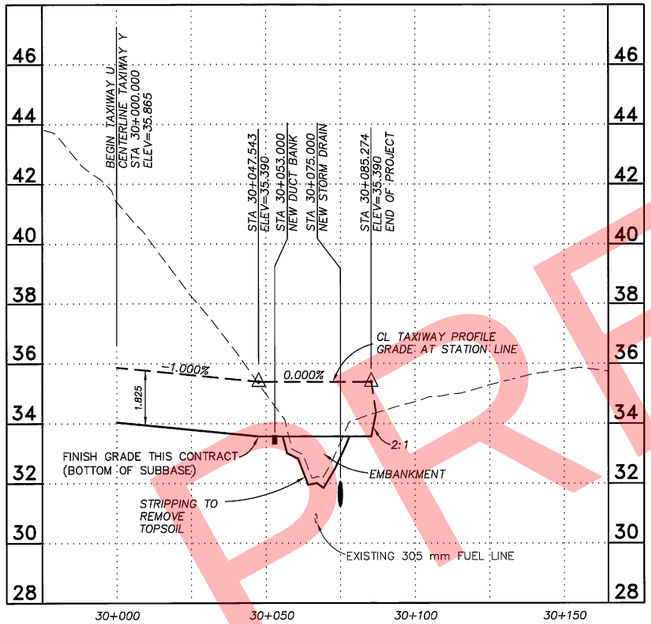
SHEET 7 OF 32

AS-BUILT 05/05 7 OF 32

PROJECT: P:\PROJECTS\057021\DESIGN_PH_2 DRAWING NAME: DTW-NS.DWG SCRIPT FILE FOR THIS SHEET: DTW-NS.scr PLOTTED: JUL 16 2002 13:32:24 (WSJ#6) DOWL FILE No: 229-42G



1/13 **TAXIWAY T PROFILE**



2/13 **TAXIWAY U PROFILE**

50 0 25 50 100

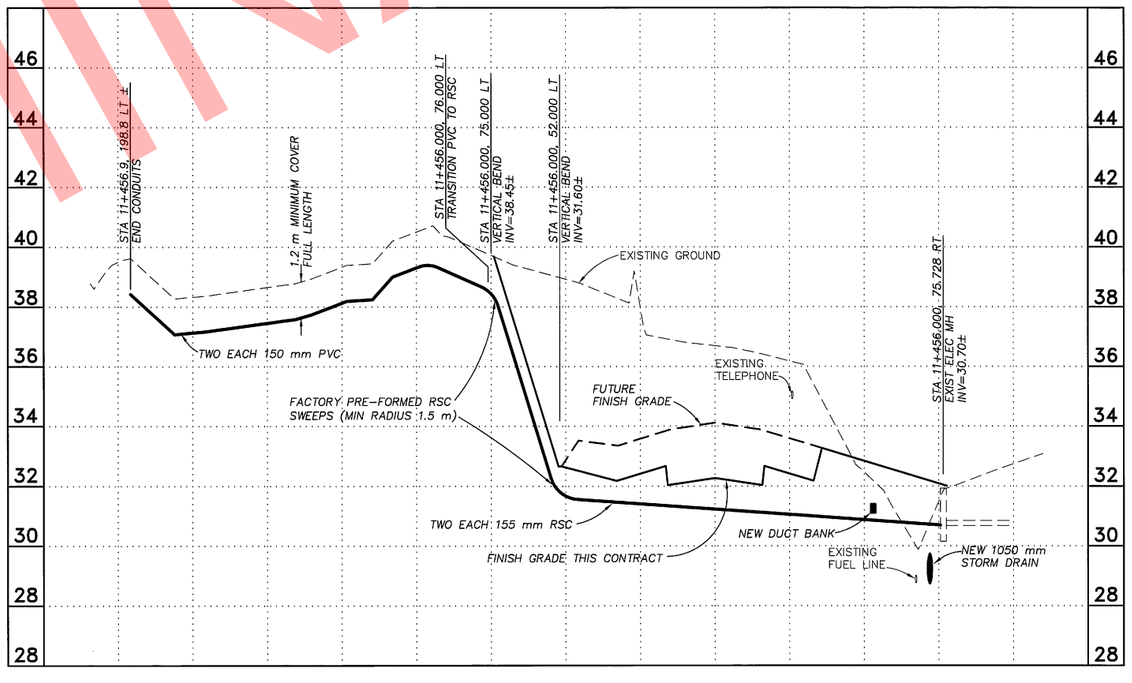
SCALE IN METERS

D751, CATCH BASIN AND CATCH BASIN MANHOLE SCHEDULE

STRUCTURE * NUMBER	TYPE	INSIDE DIAMETER	RIM (TOP) ELEVATION	PIPE INVERTS & SIZES NORTHERLY	EASTERLY	SOUTHERLY	WESTERLY	NEENAH CASTING	LID TYPE
CB 1	I	1.2	38.810	knockout		37.500 (600)		R-3492-A	GRATE
CBMH 2	I	1.2	38.800	36.657 (600)		36.647 (600)		R-3492-A	GRATE
CBMH 3	I	1.2	38.200	36.047 (600)		35.895 (750)		R-3492-A	GRATE
CBMH 4	I	1.2	37.600	35.175 (750)		35.165 (750)		R-3492-A	GRATE
CBMH 5	I	1.2	37.240		35.940 (600)		35.950 (600)	R-3492-A	GRATE
CB 5A	I	1.2	40.800		38.700(600)			R-3492-A	GRATE
CBMH 6	I	1.2	36.000 **	34.487 (750)		34.477 (750)	34.639 (600)	R-3492-A	GRATE
CBMH 7	I	1.2	36.500	33.877 (750)		33.867 (750)		R-3492-A	GRATE
CBMH 8	II	1.8	35.500	33.272 (750)		33.120 (900)	33.422 (600)	R-3492-A	GRATE
CBMH 9	II	1.8	35.000	32.400 (900)		32.390 (900)		R-3492-A	GRATE
CB 10	I	1.2	34.100		32.800 (600)			R-3492-A	GRATE
CBMH 11	II	1.8	34.325	31.670 (900)		31.660 (900)	31.974 (600)	R-3492-A	GRATE
CBMH 12	II	1.8	33.330 **	30.940 (900)		30.930 (900)		R-3492-A	GRATE
CBMH 13	II	1.8	33.300	30.510 (900)		30.500 (900)	30.810 (600)	R-3492-A	GRATE
CBMH 14	II	1.8	32.800	29.780 (900)		29.770 (900)		R-3492-A	GRATE
CB 15	I	1.2	32.250		30.950 (600)			R-3492-A	GRATE
CBMH 16	II	1.8	32.250	29.173 (900)		29.020 (1050)	29.477 (600)	R-3492-A	GRATE
CBMH 17	II	1.8	31.750	28.420 (1050)		28.410 (1050)		R-3492-A	GRATE
CBMH 18	II	1.8	31.400	27.810 (1050)		27.800 (1050)		R-3492-A	GRATE
CB 34	I	1.2	33.220		31.920 (600)			R-3492-A	GRATE
CB 35	I	1.2	35.580		34.280 (600)			R-3492-A	GRATE

* THESE STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAILS D-35.02M & D-36.01M
** INDICATED MANHOLE RIMS WILL BE RAISED 1 m WHEN THE PHASE 3 WORK IS CONSTRUCTED

3/13 **DRAINAGE STRUCTURE SCHEDULE**



4/13 **ELECTRICAL DUCT BANK PROFILE**
NTS

METRIC

PRELIMINARY

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Designed By: WPH
Checked By: WPH
Drawn By: DP/GLB
Date Plotted: 5/24/02
Plot Ratio and View:
File:

BY	DATE	REVISIONS	BY	DATE	REVISIONS
			SH	7/26/05	AS-BUILT

PLANS DEVELOPED BY DOWL ENGINEERS

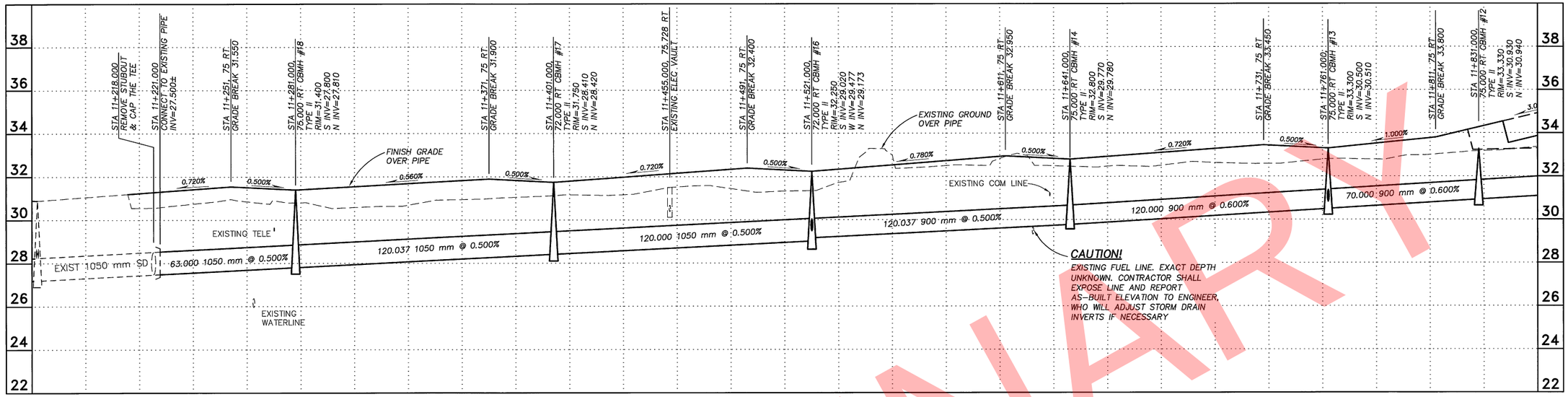
STATE OF ALASKA
49TH
William P. Hamm
CE-3000
REGISTERED PROFESSIONAL ENGINEER
7/1/02

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

TED STEVENS ANCHORAGE INTERNATIONAL AIRPORT
ANCHORAGE, ALASKA
ANC-N/S TAXIWAY CONSTRUCTION - PHASE 2
PROJECT No. 55436
AIP No. 3-02-0016-6402
TAXIWAY T & U CENTERLINE PROFILE GRADES

SHEET 13 OF 32

AS-BUILT 05/05 13 OF 32



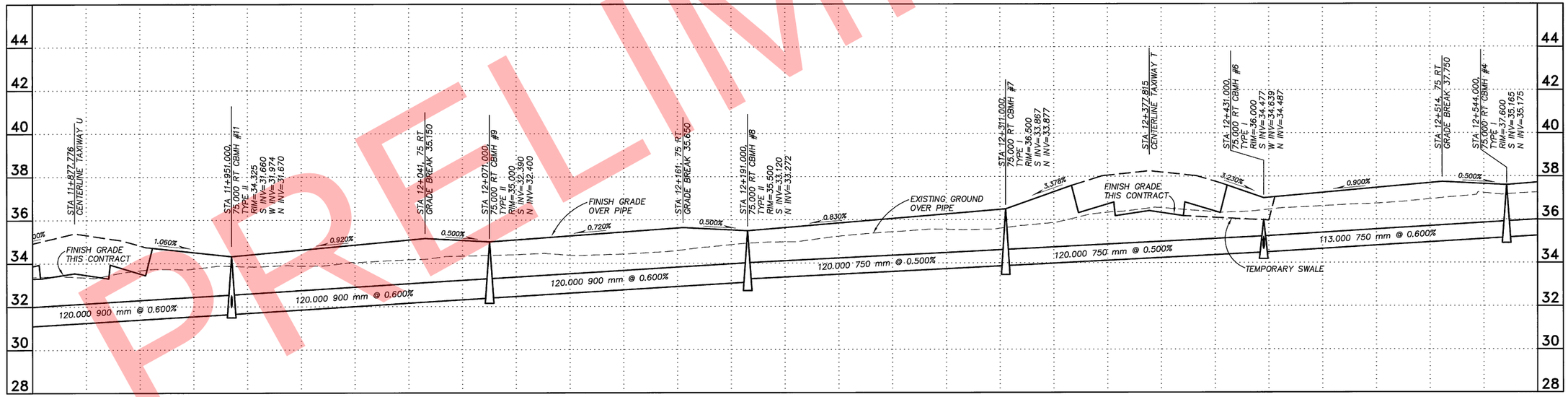
1/14 **STORM DRAIN PROFILE**

50 0 25 50 100

SCALE IN METERS

STORM DRAIN NOTE

1. AFTER GRADING IS COMPLETED CONSTRUCT TEMPORARY SILT FENCE AROUND ALL SDCB & CB INLETS AT 5 METER RADIUS.



2/14 **STORM DRAIN PROFILE**

METRIC

PRELIMINARY

BY	DATE	REVISIONS	BY	DATE	REVISIONS
			SH	7/26/05	AS-BUILT

Designed By: WPH
Checked By: WPH
Drawn By: DP/GLB
Date Plotted: 5/24/02
Plot Ratio and View:
File:

PLANS DEVELOPED BY DOWL ENGINEERS

STATE OF ALASKA · 49TH · William P. Hamm CE-3000 · 7/7/02 · REGISTERED PROFESSIONAL ENGINEER

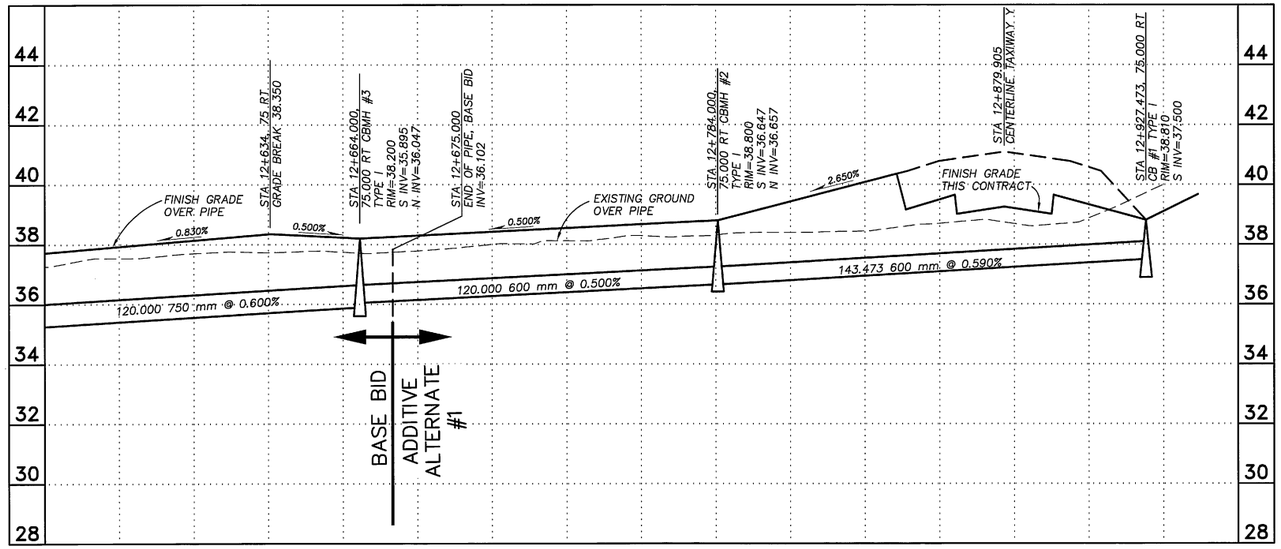
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

TED STEVENS ANCHORAGE INTERNATIONAL AIRPORT
ANCHORAGE, ALASKA
ANC-N/S TAXIWAY CONSTRUCTION - PHASE 2
PROJECT No. 55436
AIP No. 3-02-0016-6402
TAXIWAY Y STORM DRAIN PROFILES

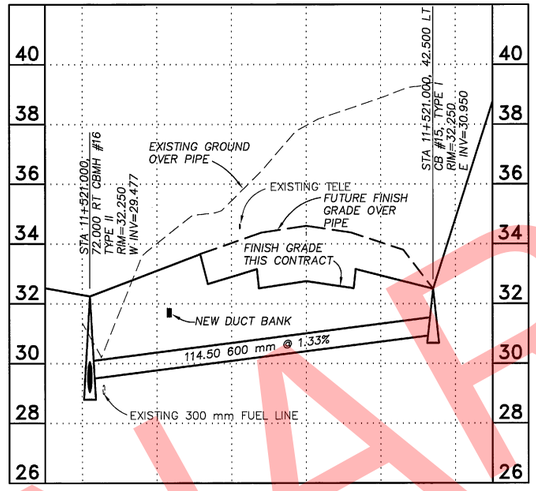
SHEET 14 OF 32

AS-BUILT 05/05 14 OF 32

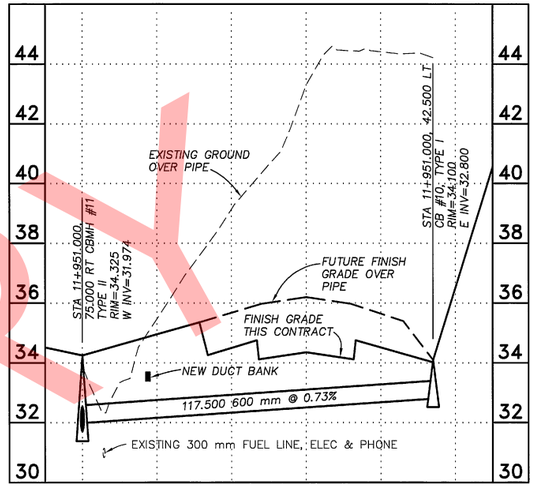
PROJECT: P:\PROJECTS\057021\DESIGN_PH_2DRAWING NAME: DTW-NS.DWG SCRIPT FILE FOR THIS SHEET: PLOTTED: MAY 23 2002 10:44:21 (WS#56) DOWL FILE No: 229-42N



1/15 **STORM DRAIN PROFILE**



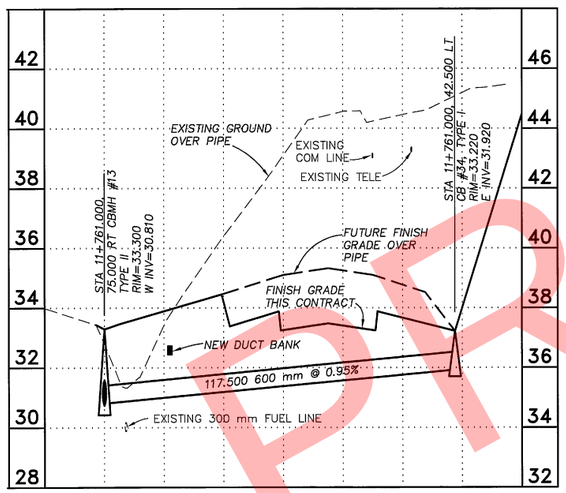
2/15 **STORM DRAIN PROFILE AT STA 11+521.000**



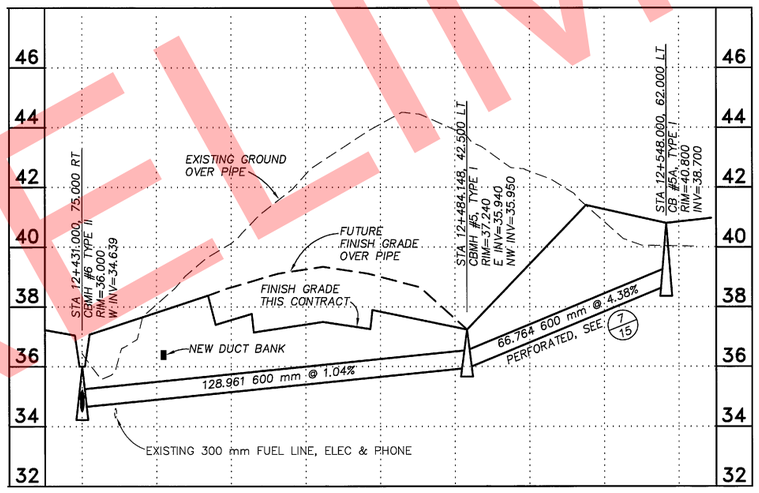
3/15 **STORM DRAIN PROFILE AT STA 11+951.000**

50 0 25 50 100

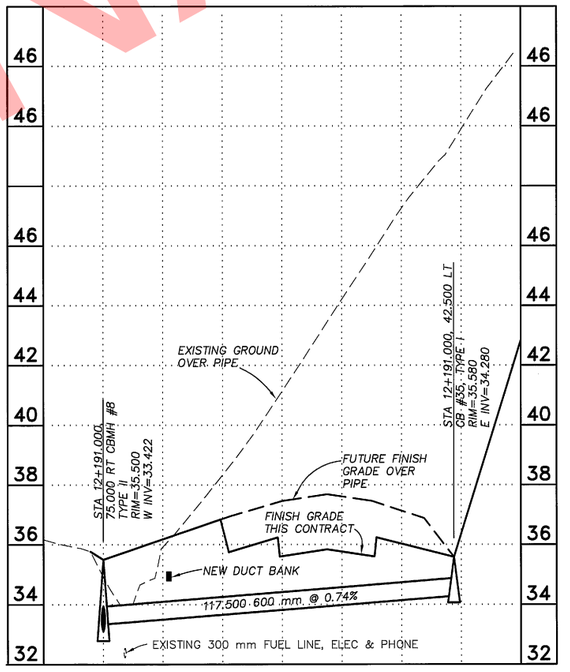
SCALE IN METERS



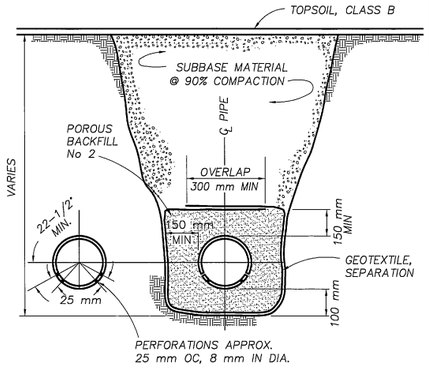
4/15 **STORM DRAIN PROFILE AT STA 11+761.000**



5/15 **STORM DRAIN PROFILE AT STA 12+464.924**



6/15 **STORM DRAIN PROFILE AT STA 12+191.000**



7/15 **UNDER DRAIN**
NTS

METRIC

PRELIMINARY

Designed By: WPH						
Checked By: WPH						
Drawn By: DP/GLB						
Date Plotted: 5/24/02						
Plot Ratio and View:						
File:						
	BY	DATE	REVISIONS	BY	DATE	REVISIONS
				SH	7/26/05	AS-BUILT

PLANS DEVELOPED BY DOWL ENGINEERS

STATE OF ALASKA — 49TH — William P. Hamm CE-3000 — REGISTERED PROFESSIONAL ENGINEER — 7/1/02

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

TED STEVENS ANCHORAGE INTERNATIONAL AIRPORT
ANCHORAGE, ALASKA
ANC–N/S TAXIWAY CONSTRUCTION – PHASE 2
PROJECT No. 55436
AIP No. 3–02–0016–6402
TAXIWAY Y STORM DRAIN PROFILES

SHEET 15 OF 32

AS-BUILT 05/05 15 OF 32

PROJECT: P:\PROJECTS\D57021\DESIGN_PH_2DRAWING NAME: DTW-NS.DWG SCRIPT FILE FOR THIS SHEET: PLOTTED: MAY 23 2002 10:44:21 (WS#56) DOWL FILE No: 229-420

NOTE : STORM DRAIN STATIONING IS BASED UPON NORTH-SOUTH TAXIWAY STATIONING.

EXISTING RUNWAY 6L/24R

EXISTING 18" C.M.P.

6" C.M.P. SUBSURFACE DRAIN

6" C.M.P. SUBSURFACE DRAIN

ABANDONDED 18" C.M.P.

18" C.M.P.

18" PLUG

OVERRUN

EXISTING EAST-WEST TAXIWAY

EXISTING 24" C.M.P.

CONNECT TO EXISTING 24" C.M.P.

112+96±

166'

31'

31'

C.B.MH. 6
113+00.35
(N-S T/W)

257.73 L.F. 24" C.M.P.

06° 10' 00"

C.B.MH. 5
116+00

44± L.F. 24" C.M.P.

EXISTING TAXIWAY W-2
N 00° 06' 39" W

TAXIWAY N-1
N 89° 53' 21" E

6" SUB. DRN

SEE SHEET 43

38.5'

38.5'

110+00

115+00

120+00

RUNWAY 14-32

N 15° 06' 39" W

125+00

130+00

6" PLUG
INV. 100.80

6" PLUG
INV. 98.88

6" PLUG
INV. 96.96

136.00 L.F. 6" SUB. DRN S=1.00%

68'

68'

136.00 L.F. 6" SUB. DRN S=1.00%

68'

68'

136.00 L.F. 6" SUB. DRN S=1.00%

INV. 99.44

INV. 97.52

INV. 95.60

312.00 L.F. 6" NON-PERF. S=1.00%

380'

312.00 L.F. 6" NON-PERF. S=1.00%

312.00 L.F. 6" NON-PERF. S=1.00%

C.B.MH. 4
122+00

C.B.MH. 3
128+00

C.B.MH. 2
134+00

600.00 L.F. 24" C.M.P.

600.00 L.F. 24" C.M.P.

600.00 L.F. 30" C.M.P.

189.00 L.F. 6" NON-PERF. S=1.00%

220'

189.00 L.F. 6" NON-PERF. S=1.00%

INV. 98.38

INV. 96.59

31'

N 15° 06' 39" W

NORTH-SOUTH TAXIWAY

31'

62.00 L.F. 6" SUB. DRN S=1.00%

62.00 L.F. 6" SUB. DRN S=1.00%

6" PLUG
INV. 99.00

6" PLUG
INV. 97.21

6" SUB. DRN

TAXIWAY N-2
SEE SHEET 44

PRELIMINARY

	110	105	100	95	90	85
112+00						
113+00						
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						
129+00						
130+00						
131+00						
132+00						
133+00						
134+00						

C.B.MH. 6
113+00.35

TOP ELEV. 106.0 ±

EXISTING 24" C.M.P.

44± L.F. 24" C.M.P. S=2.3 %

257.73 L.F. 24" C.M.P. S=1.70 %

INV. 99.67

112+56± REMOVE EXISTING 24" END SECTION & CONNECT TO EXISTING 24" C.M.P.

INV. 100.7 ±

C.B.MH. 5
116+00

TOP ELEV. 102.26

INV. 95.29

6" SUB. DRN

℄ TAXIWAY N-1

6" SUB. DRN

C.B.MH. 4
122+00

TOP ELEV. 100.51

-0.30 %

INV. 96.32 (6" LT.)

INV. 96.49 (6" RT.)

600.00 L.F. 24" C.M.P. S=0.30 %

INV. 93.49

FINISH GRADE AT STORM DRAIN ℄

-0.30 %

C.B.MH. 3
128+00

TOP ELEV. 98.71

-0.30 %

INV. 94.40 (6" LT.)

INV. 94.70 (6" RT.)

600.00 L.F. 24" C.M.P. S=0.30 %

S. INV. 91.69

N. INV. 91.19

C.B.MH. 2
134+00

TOP ELEV. 96.91

INV. 92.48 (6")

600.00 L.F. 30" C.M.P. S=0.30 %

INV. 89.39

ADAP 6-02-0016-08

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
DIVISION OF AVIATION—DESIGN AND CONSTRUCTION

ANCHORAGE INTERNATIONAL AIRPORT
NORTH-SOUTH RUNWAY
STORM AND SUBSURFACE DRAINAGE
STA 112+56± TO STA 134+00.00

APPROVED
JAMES J. RHODE, P.E. CHIEF DESIGN ENGINEER

APPROVED
BROOKS H. WADE, P.E. INTERNATIONAL AIRPORTS ENGINEER

SCALE H 1" = 100' V 1" = 5'
DESIGNED R.C. DRAWN L.S.
CHECKED M.B. DATE JAN., 1978
SHEET 39 OF 77

STATE OF ALASKA
69TH
Marvin Beyer
Marvin Beyer
No. 1435-E
REGISTERED PROFESSIONAL ENGINEER

TRYCK, NYMAN & HAYES
AND
ACLW CONSULTING ENGINEERS
A JOINT VENTURE
ANCHORAGE, ALASKA

BY	DATE	REVISIONS
CMM	7/1/86	AS-BUILT

AS-BUILT 8-10-86

Sheet 41 of 82

PLATE 1, PLAN PROFILE

8-4-81 J.S.

PRELIMINARY

FAA CABLE TRENCH WITH
5 – RG 11 A/V CABLE
1 – 100 PR. #22 ARMORED CABLE
2 – 12 PR. SHIELDED #22 CABLE
1 – #2 INSULATED GROUND
(SEE CHANGE ORDER No. 1)

6" PLUG INV. 96.96
6" PLUG INV. 95.38
6" PLUG INV. 97.60
6" PLUG INV. 100.40
6" PLUG INV. 102.50
10" POL
2 1/2" VENT PIPE
16" POL CASING

136.00 LF 6" SUB. DRN S=1.00% 68' 68'
136.00 LF 6" SUB. DRN S=0.75% 68' 68'
135-00
140-00
150-00
155-00
160-00

RUNWAY 14-32
N 15° 06' 39" W

54" C.M.P. OUTFALL LINE

INV. 95.60
INV. 96.58
INV. 99.38
INV. 101.48

312.00 LF 6" NON-PERF. S=1.00%
312.00 LF 6" NON-PERF. S=0.75%

6" SUB. DRN

TAXIWAY N-2
SEE SHEET 44

C.B.MH. 2 134+00
CATCH BASIN OUTFALL MH 140+00
312.00 LF 6" NON-PERF. S=1.00%
INV 94.02
48" C.M.P. 16 GA. UTILIDOR INSTALLED (SEE C.O. No. 4)
MH B
12" D.I.P. SANITARY SEWER (SEE SHEET 48)
380'
C.B.MH. 7 145+00
C.B.MH. 8 149+00
C.B.MH. 10 157+00
C.B.MH. 11 163+00
312.00 LF 6" NON-PERF. S=0.75%
SEE SHEET 48 WATER

600.00 L.F. 30" C.M.P.
500.00 L.F. 42" C.M.P.
400.00 L.F. 36" C.M.P.
400.00 L.F. 36" C.M.P.
400.00 L.F. 36" C.M.P.
600.00 L.F. 36" C.M.P.

S 45° 06' 39" E

6" DROP CONNECTION 141+00.00

C.B.MH. 9 153+00

16" D.I.P. WATER

189.00 LF 6" NON-PERF. S=1.50%
INV. 95.79
INV. 99.14
INV. 101.67

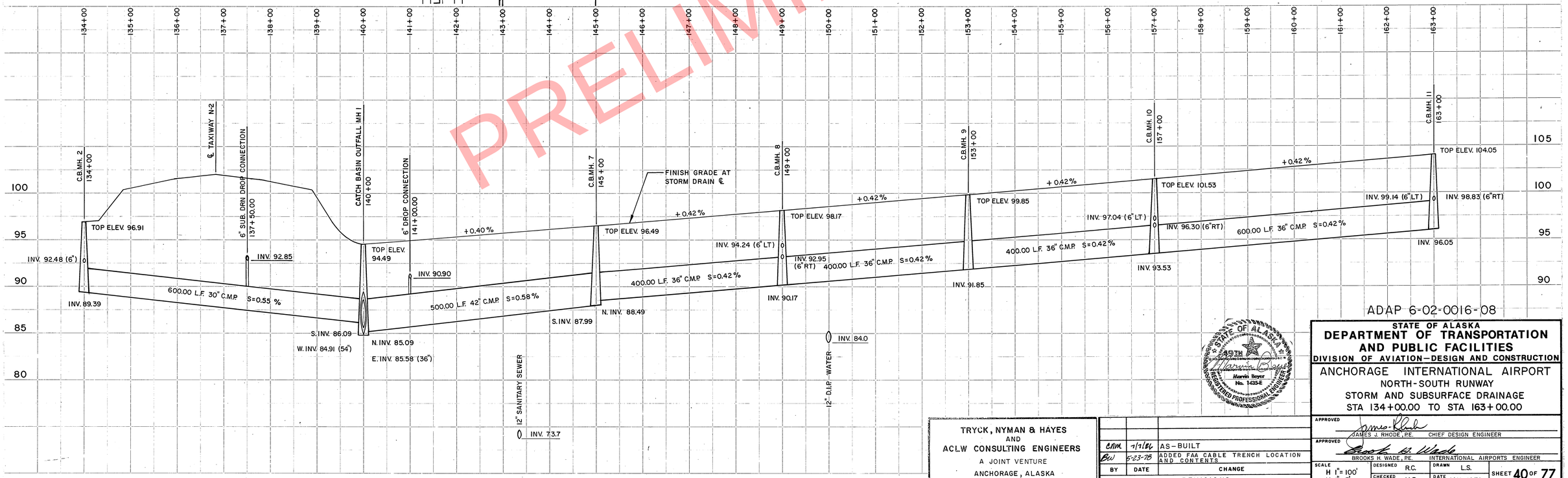
6" SUB. DRN
36" C.M.P.
220'

NORTH-SOUTH TAXIWAY
N 15° 06' 39" W
62.00 L.F. 6" SUB. DRN
31'
62.00 L.F. 6" SUB. DRN
62.00 L.F. 6" SUB. DRN

6" PLUG INV. 96.72
6" PLUG INV. 100.07
6" PLUG INV. 102.60

LAKE HOOD TAXIWAY

MH C



ADAP 6-02-0016-08

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
DIVISION OF AVIATION—DESIGN AND CONSTRUCTION

ANCHORAGE INTERNATIONAL AIRPORT
NORTH-SOUTH RUNWAY
STORM AND SUBSURFACE DRAINAGE
STA 134+00.00 TO STA 163+00.00

STATE OF ALASKA — 45TH — Marvin Boyce No. 1435-E — REGISTERED PROFESSIONAL ENGINEER

TRYCK, NYMAN & HAYES AND ACLW CONSULTING ENGINEERS
A JOINT VENTURE
ANCHORAGE, ALASKA

BY	DATE	CHANGE
CNM	7/7/81	AS-BUILT
BW	5-23-78	ADDED FAA CABLE TRENCH LOCATION AND CONTENTS

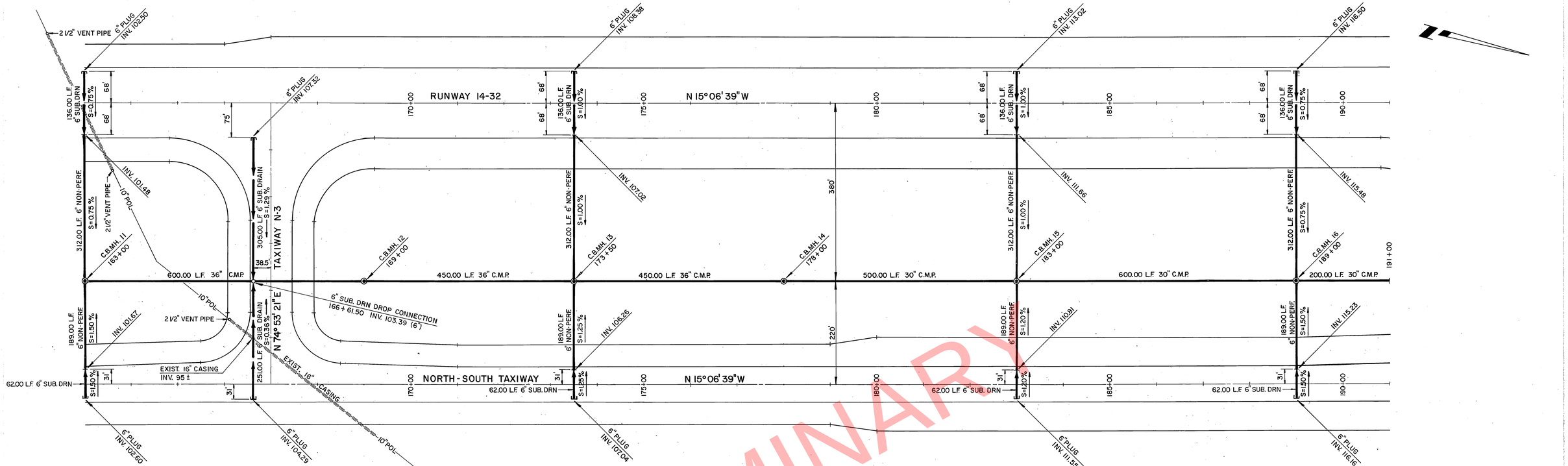
REVISIONS

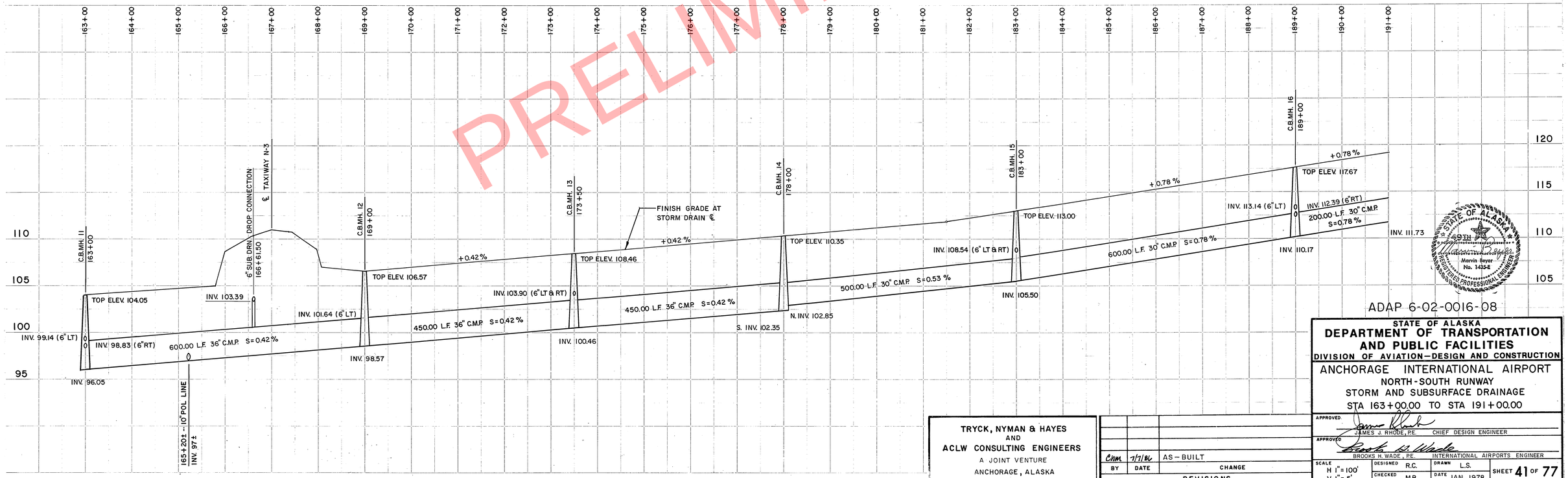
APPROVED JAMES J. RHODE, P.E. CHIEF DESIGN ENGINEER
APPROVED BROOKS H. WADE, P.E. INTERNATIONAL AIRPORTS ENGINEER

SCALE H 1"=100' V 1"=5'
DESIGNED R.C. DRAWN L.S.
CHECKED M.B. DATE JAN., 1978
SHEET 40 OF 77

AS-BUILT 8-10-86 Sheet 42 of 82

8-5-81 J.S.





PRELIMINARY

STATE OF ALASKA
Marvin Beyer
No. 1435-E
REGISTERED PROFESSIONAL ENGINEER

ADAP 6-02-0016-08

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
DIVISION OF AVIATION—DESIGN AND CONSTRUCTION

ANCHORAGE INTERNATIONAL AIRPORT
NORTH-SOUTH RUNWAY
STORM AND SUBSURFACE DRAINAGE
STA 163+00.00 TO STA 191+00.00

TRYCK, NYMAN & HAYES
AND
ACLW CONSULTING ENGINEERS
A JOINT VENTURE
ANCHORAGE, ALASKA

BY	DATE	REVISIONS
CMM	7/7/86	AS-BUILT
		CHANGE

APPROVED
JAMES J. RHODE, P.E. CHIEF DESIGN ENGINEER

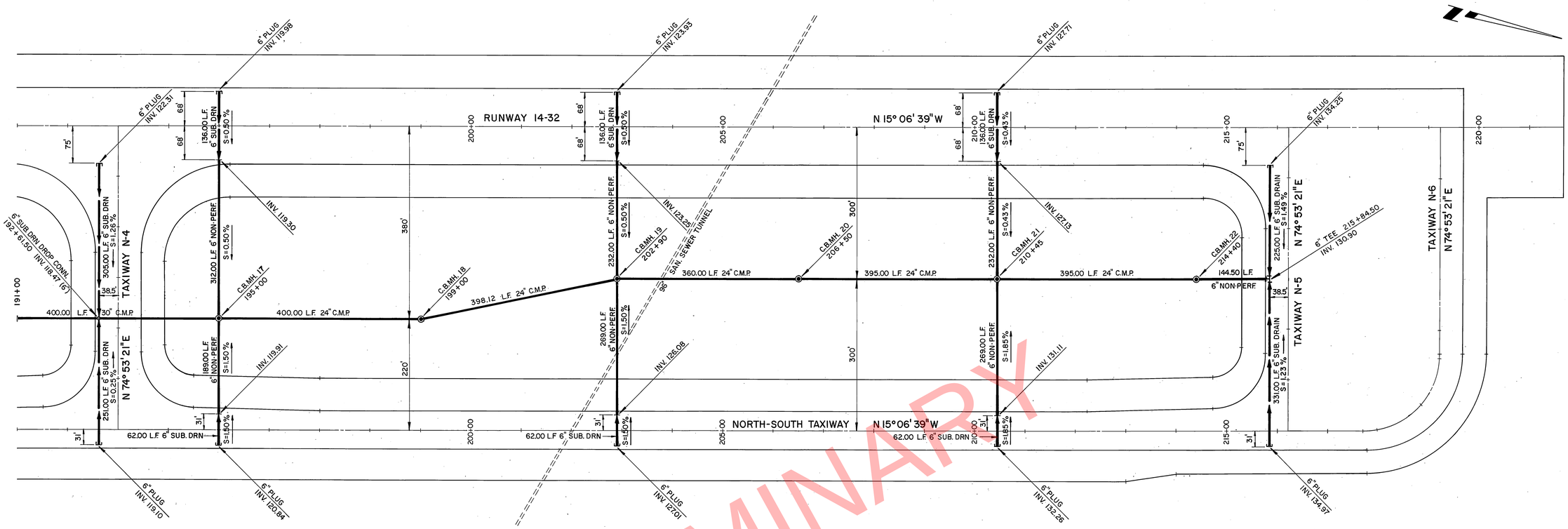
APPROVED
BROOKS H. WADE, P.E. INTERNATIONAL AIRPORTS ENGINEER

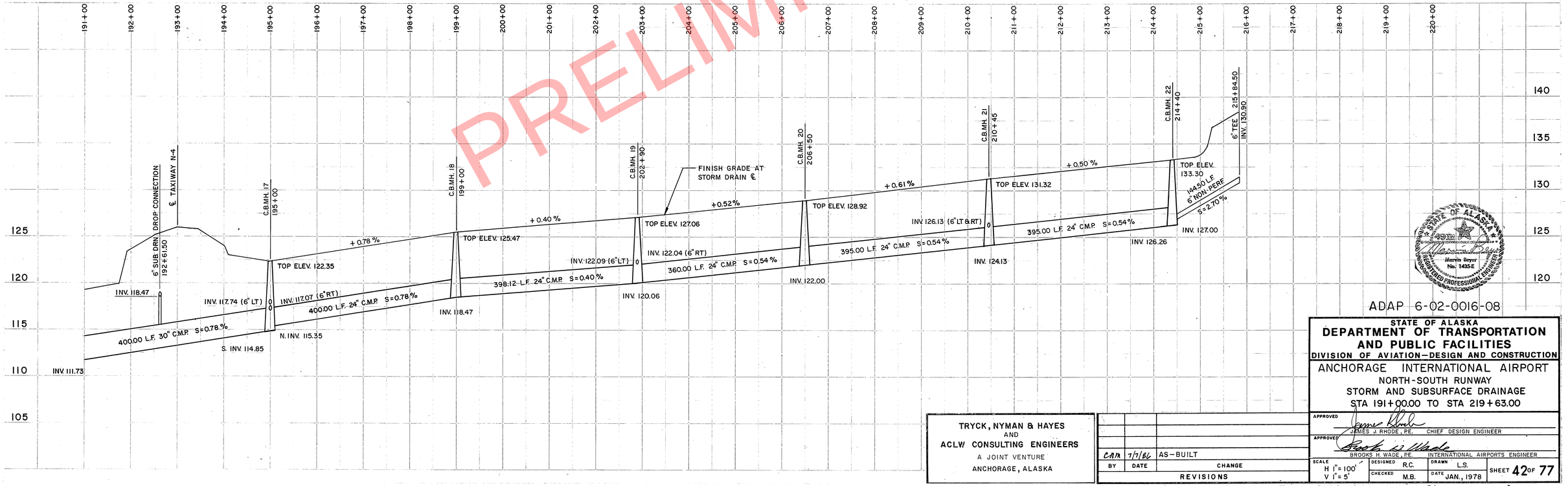
SCALE H 1"=100' V 1"=5'
DESIGNED R.C. DRAWN L.S.
CHECKED M.B. DATE JAN., 1978
SHEET 41 OF 77

AS-BUILT 8-10-86 Sheet 43 of 82

8-5-81 J.C.

PLATE 1, PLANIGRAPHIC





PRELIMINARY

PLATE I, PLAN-PROFILE

ADAP 6-02-0016-08

TRYCK, NYMAN & HAYES
AND
ACLW CONSULTING ENGINEERS
A JOINT VENTURE
ANCHORAGE, ALASKA

BY	DATE	REVISIONS
CAM	7/7/86	AS-BUILT

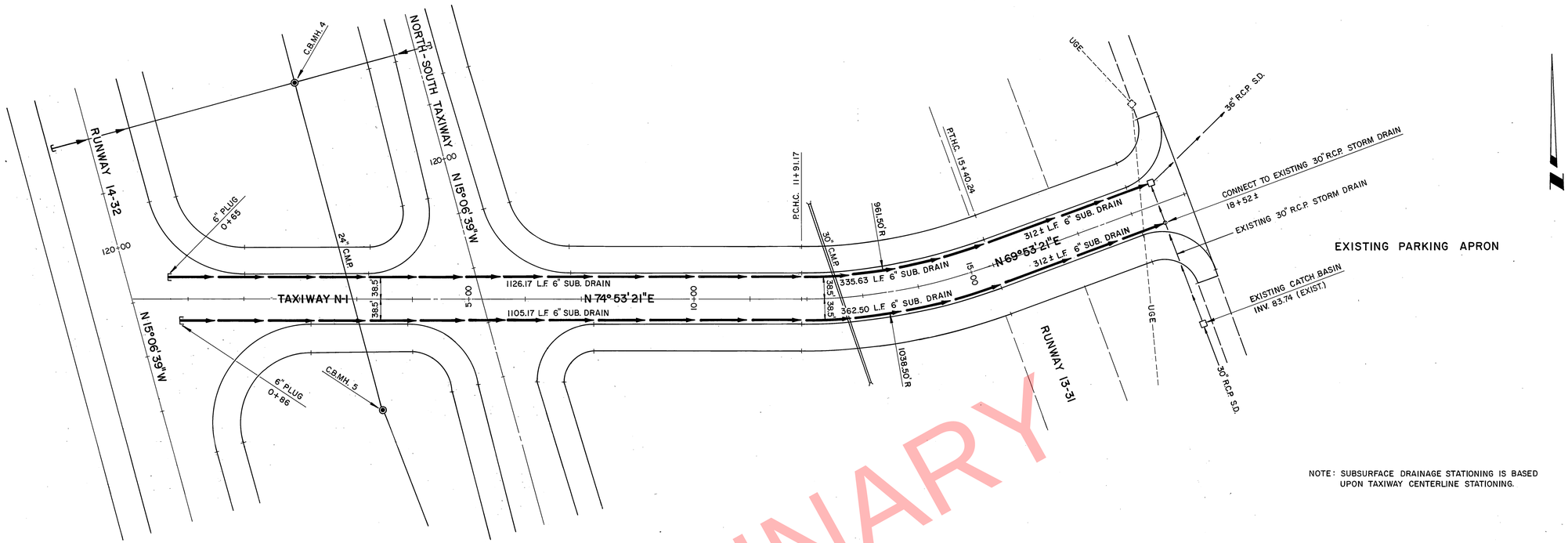
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
DIVISION OF AVIATION—DESIGN AND CONSTRUCTION

ANCHORAGE INTERNATIONAL AIRPORT
NORTH-SOUTH RUNWAY
STORM AND SUBSURFACE DRAINAGE
STA 191+00.00 TO STA 219+63.00

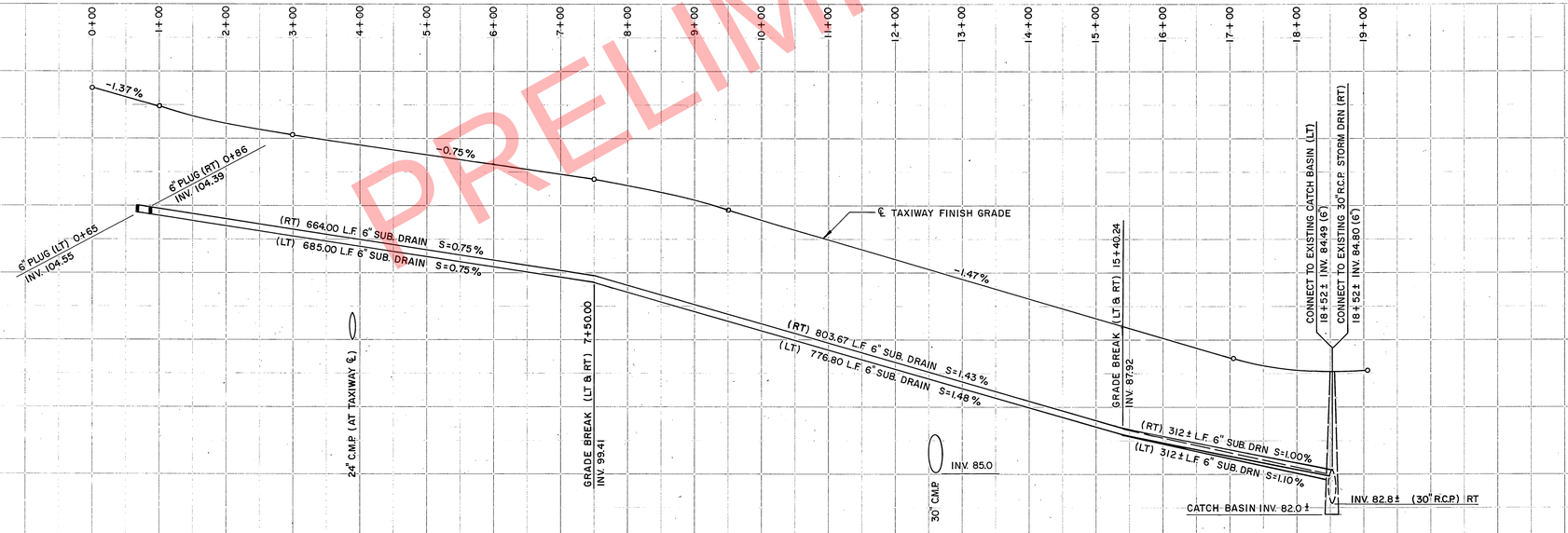
APPROVED JAMES J. RHODE, P.E. CHIEF DESIGN ENGINEER
APPROVED BROOKS H. WADE, P.E. INTERNATIONAL AIRPORTS ENGINEER

SCALE H 1"= 100' V 1"= 5' | DESIGNED R.C. | DRAWN L.S. | CHECKED M.B. | DATE JAN., 1978 | SHEET 42 OF 77

AS-BUILT 8-10-86



NOTE: SUBSURFACE DRAINAGE STATIONING IS BASED UPON TAXIWAY CENTERLINE STATIONING.



PRELIMINARY

ADAP 6-02-0016-08

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
DIVISION OF AVIATION—DESIGN AND CONSTRUCTION

ANCHORAGE INTERNATIONAL AIRPORT
NORTH-SOUTH RUNWAY
TAXIWAY N-I SUBSURFACE DRAINAGE

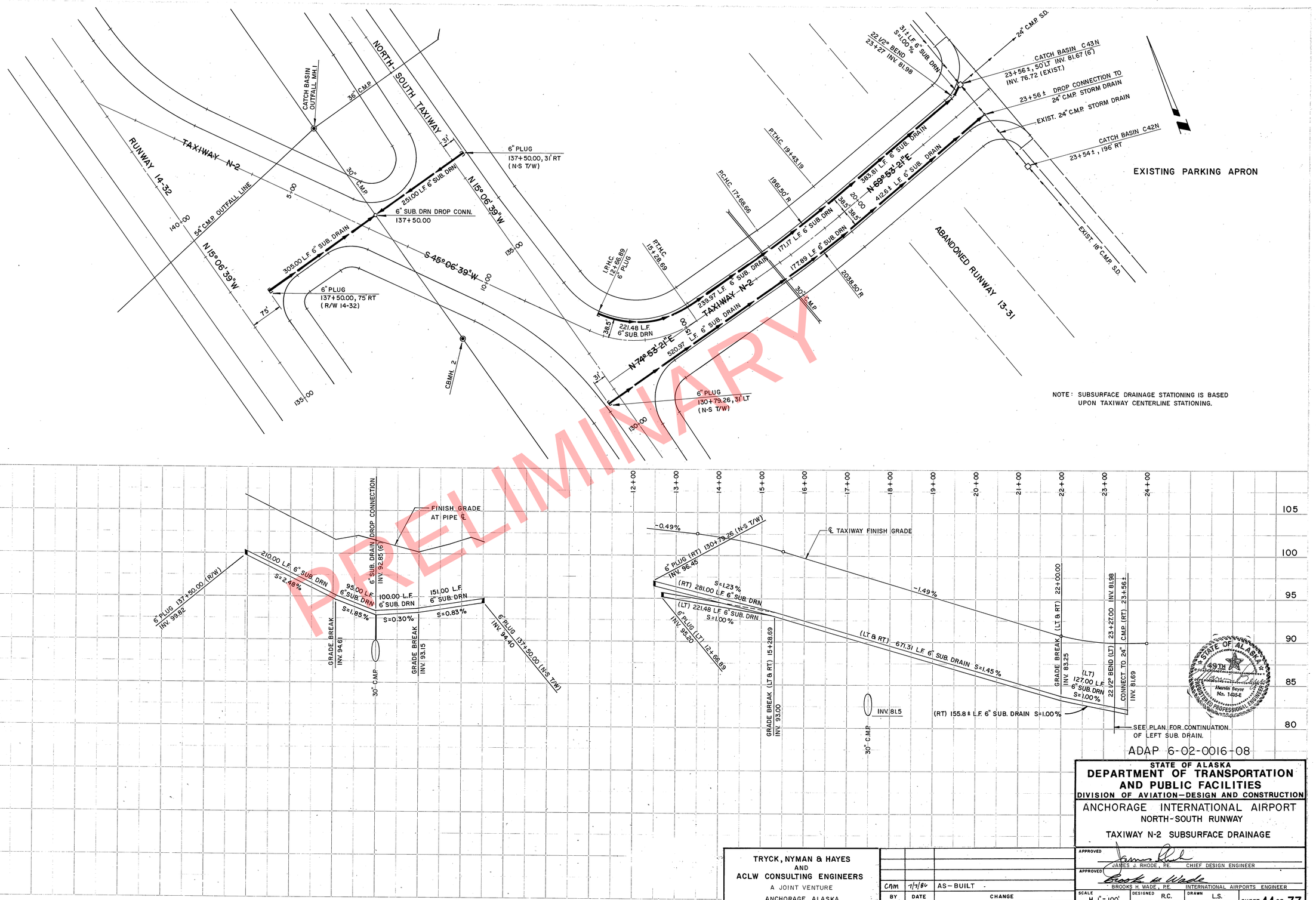
APPROVED: JAMES J. RHODE, P.E. CHIEF DESIGN ENGINEER
APPROVED: BROOKS H. WADE, P.E. INTERNATIONAL AIRPORTS ENGINEER

TRYCK, NYMAN & HAYES AND ACLW CONSULTING ENGINEERS
A JOINT VENTURE
ANCHORAGE, ALASKA

BY	DATE	REVISIONS
DNM	7/7/86	AS-BUILT

SCALE H 1"=100' V 1"=5' | DESIGNED R.C. | DRAWN L.S. | CHECKED M.B. | DATE JAN., 1978 | SHEET 43 OF 77

AS-BUILT 8-10-86 Sheet 45 of 82



PRELIMINARY

STATE OF ALASKA
Marvin Beyer
No. 4884
REGISTERED PROFESSIONAL ENGINEER

ADAP 6-02-0016-08

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
DIVISION OF AVIATION—DESIGN AND CONSTRUCTION

ANCHORAGE INTERNATIONAL AIRPORT
NORTH-SOUTH RUNWAY
TAXIWAY N-2 SUBSURFACE DRAINAGE

TRYCK, NYMAN & HAYES
AND
ACLW CONSULTING ENGINEERS
A JOINT VENTURE
ANCHORAGE, ALASKA

BY	DATE	REVISIONS
CNM	7/7/86	AS-BUILT

APPROVED JAMES J. RHODE, P.E. CHIEF DESIGN ENGINEER
APPROVED BROOKS H. WADE, P.E. INTERNATIONAL AIRPORTS ENGINEER

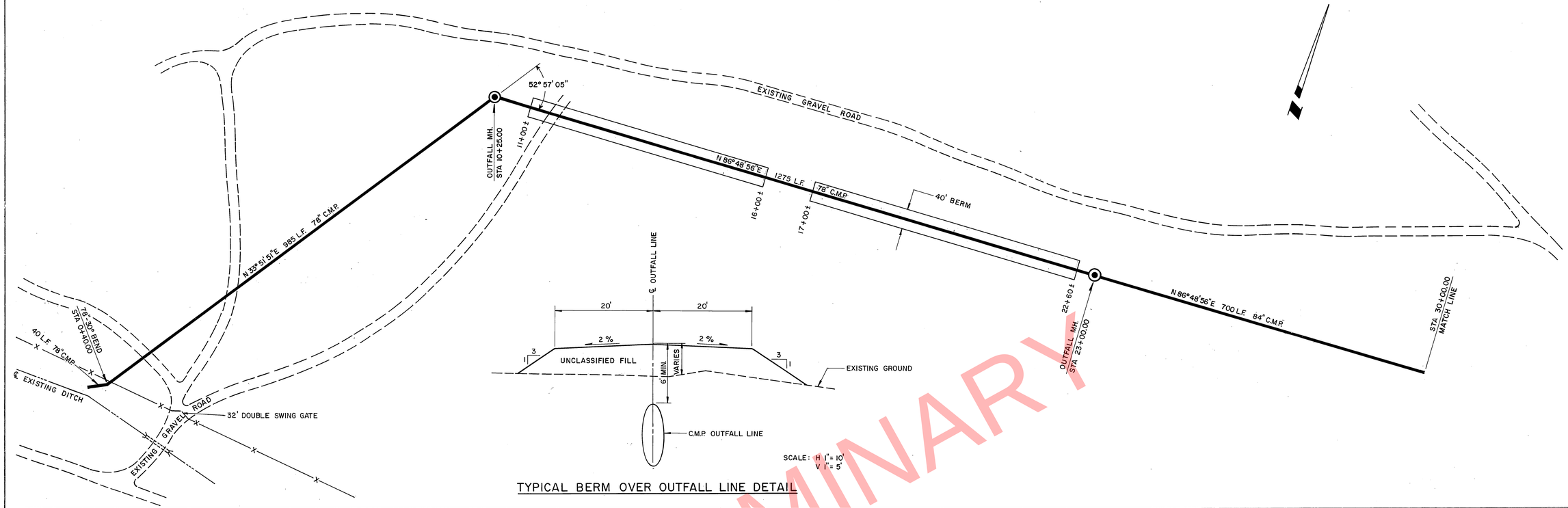
SCALE H 1"=100' V 1"=5' | DESIGNED R.C. | DRAWN L.S. | CHECKED M.B. | DATE JAN., 1978 | SHEET 44 OF 77

AS-BUILT 8-10-86 Sheet 46 of 82

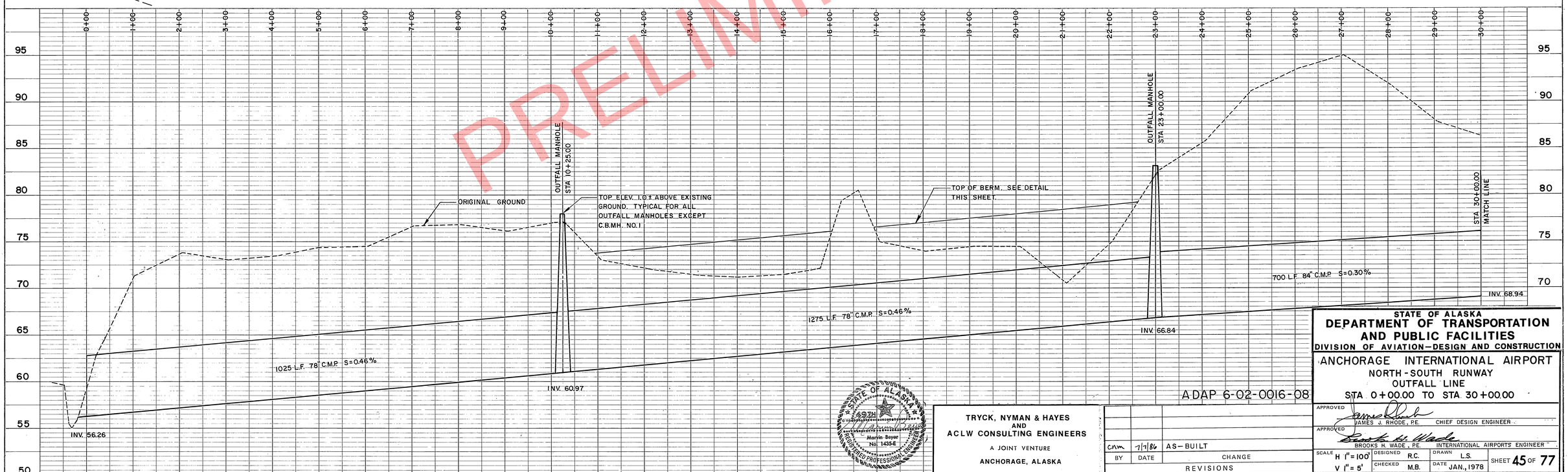
PLATE 1, PLAN-PROFILE

NOTE BOOK | DATE | BY | No.

AS 7024 MADE IN U.S.A.



TYPICAL BERM OVER OUTFALL LINE DETAIL



PRELIMINARY

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, R/W CHECKED, NOTE BOOK, No.

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, R/W'S NOTED, STRUCTURE NOTATIONS CHECKED, NOTE BOOK, No.

BY / DATE

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
DIVISION OF AVIATION—DESIGN AND CONSTRUCTION

ANCHORAGE INTERNATIONAL AIRPORT
NORTH-SOUTH RUNWAY
OUTFALL LINE
STA 0+00.00 TO STA 30+00.00

ADAP 6-02-0016-08

APPROVED James J. Rhode, P.E. CHIEF DESIGN ENGINEER

APPROVED Brooks H. Wade INTERNATIONAL AIRPORTS ENGINEER

SCALE H 1" = 100' V 1" = 5' | DESIGNED R.C. | DRAWN L.S. | CHECKED M.B. | DATE JAN., 1978 | SHEET 45 OF 77

REGISTERED PROFESSIONAL ENGINEER — STATE OF ALASKA — 4927 — Marvin Boyer — No. 1435-E

TRYCK, NYMAN & HAYES AND ACLW CONSULTING ENGINEERS
A JOINT VENTURE
ANCHORAGE, ALASKA

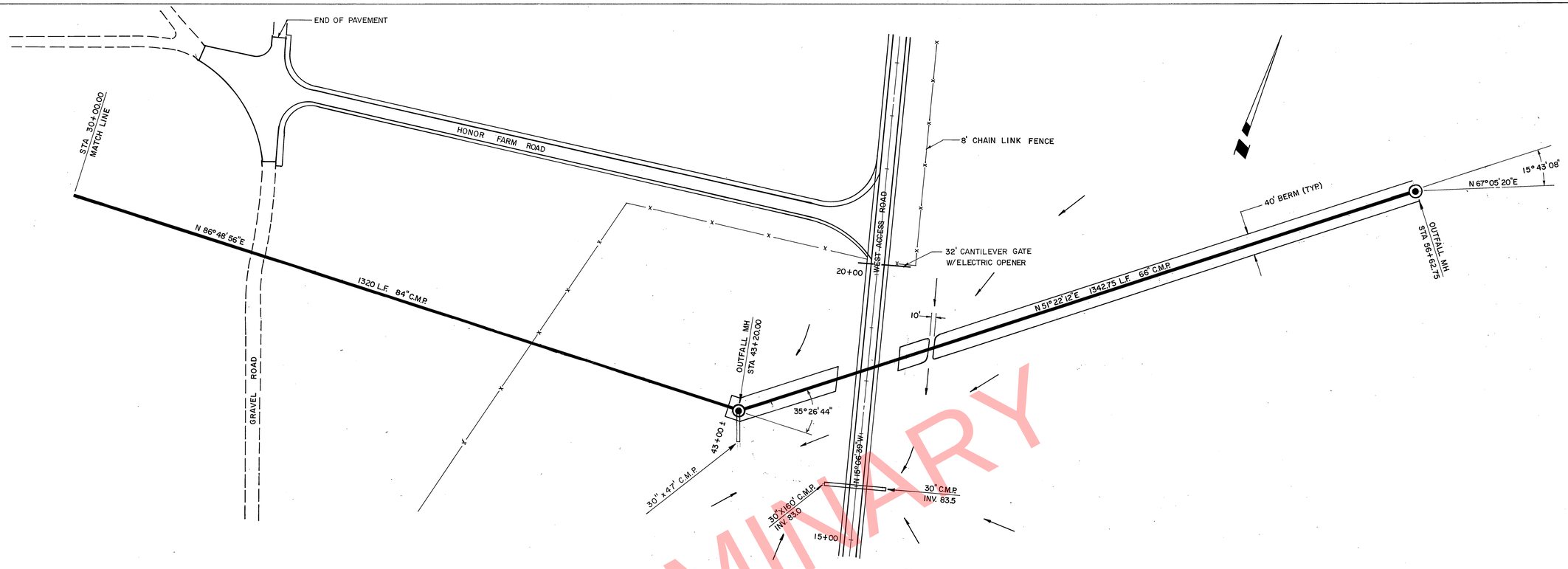
BY	DATE	REVISIONS
cnm	7/7/86	AS-BUILT

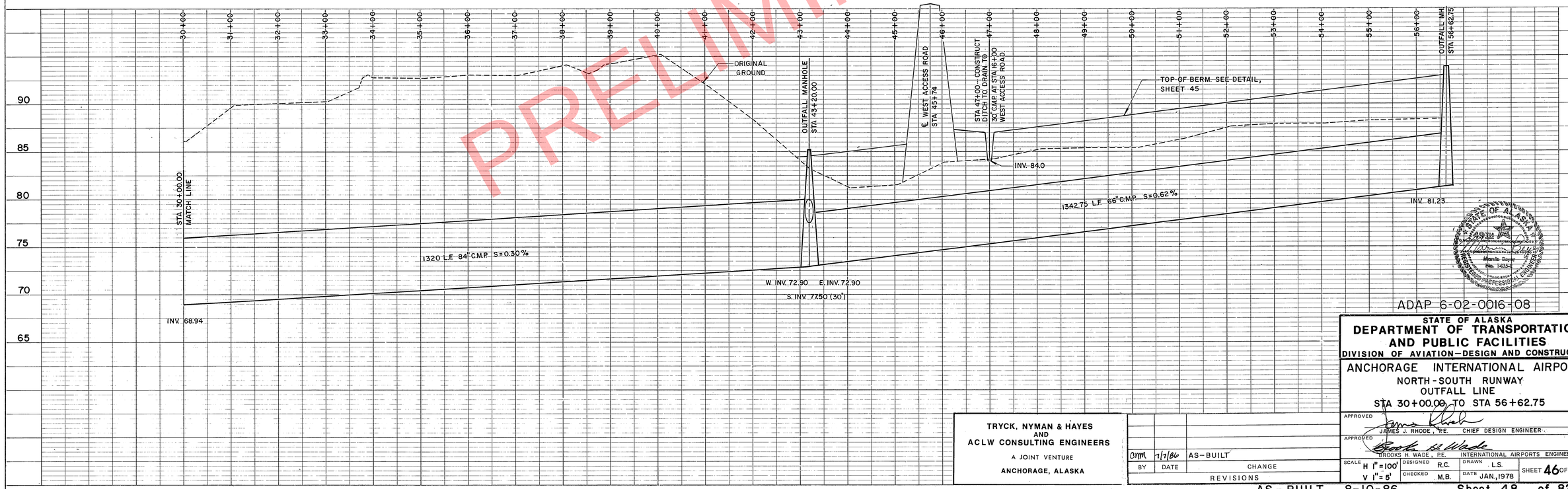
AS-BUILT 8-10-86 Sheet 47 of 82

K&E PLATE 1, PLAN-PROFILE KEUFFEL & ESSER CO.
48 7024 MADE IN U.S.A.

PLAN
SURVEYED
PLOTTED
NOTE BOOK
ALIGNMENT CHECKED
No.
FIELD NOTES CHECKED
BY
DATE

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
GRADES CHECKED
No.
STRUCTURE ROTATIONS CHECKED
BY
DATE





PRELIMINARY

STATE OF ALASKA
REGISTERED PROFESSIONAL ENGINEER
Marvin Doyle
No. 3435-E

ADAP 6-02-0016-08

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
DIVISION OF AVIATION—DESIGN AND CONSTRUCTION

ANCHORAGE INTERNATIONAL AIRPORT
NORTH-SOUTH RUNWAY
OUTFALL LINE
STA 30+00.00 TO STA 56+62.75

APPROVED
JAMES J. RHODE, P.E. CHIEF DESIGN ENGINEER
APPROVED
BROOKS H. WADE, P.E. INTERNATIONAL AIRPORTS ENGINEER

SCALE H 1"=100' V 1"=5'
DESIGNED R.C.
DRAWN L.S.
CHECKED M.B.
DATE JAN., 1978
SHEET 46 OF 77

TRYCK, NYMAN & HAYES AND ACLW CONSULTING ENGINEERS
A JOINT VENTURE
ANCHORAGE, ALASKA

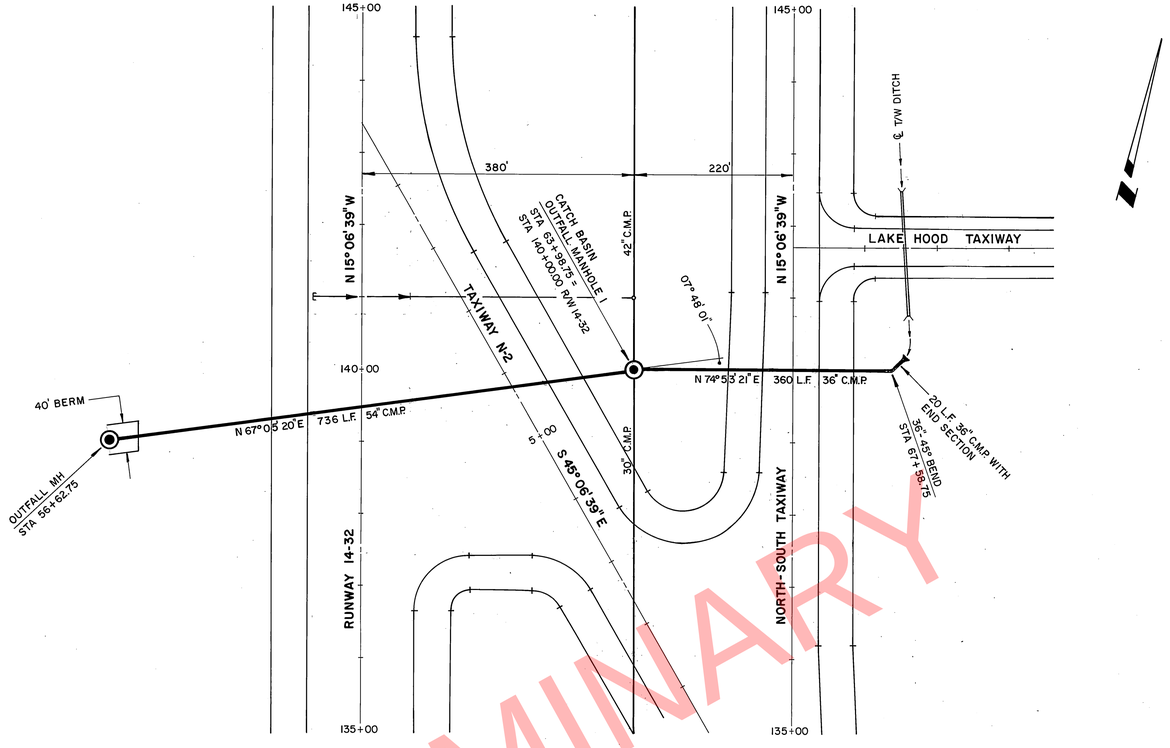
BY	DATE	CHANGE
cmm	7/7/86	AS-BUILT

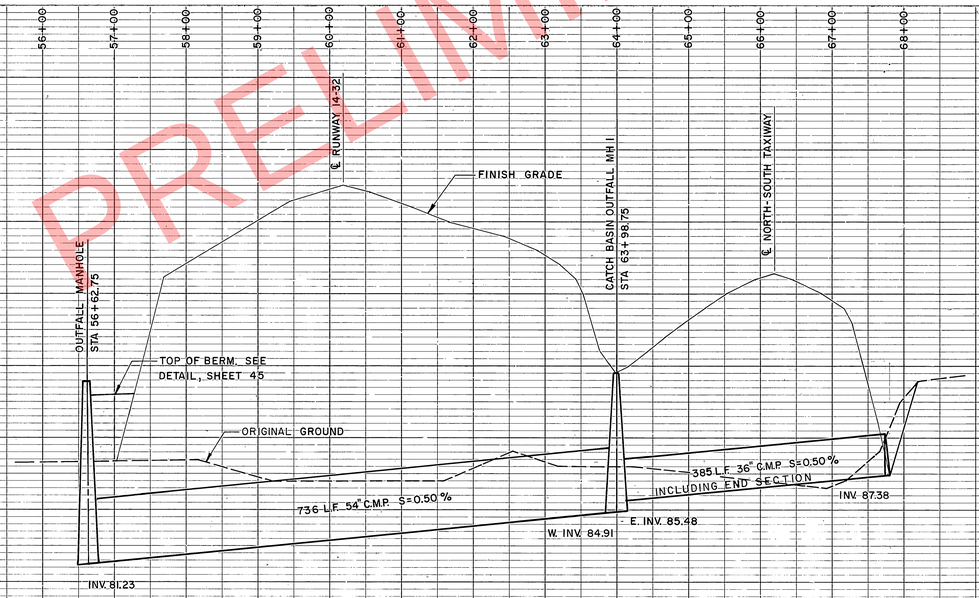
REVISIONS

AS-BUILT 8-10-86 Sheet 48 of 82

K&E PLATE 1, PLAN-PROFILE
KEUFFEL & ESSER CO.
48 7024 MADE IN U.S.A.

6/16/87 CA





PRELIMINARY

PLAN — SURVEYED: PLOTTED: ALIGNMENT CHECKED: ALL DIMENSIONS CHECKED: — NOTE BOOK: — No.: — BY: — DATE:

PROFILE — SURVEYED: PLOTTED: GRADES CHECKED: ALL DIMENSIONS CHECKED: STRUCTURE NOTATIONS CHECKED: — NOTE BOOK: — No.: — BY: — DATE:

TRYCK, NYMAN & HAYES AND ACLW CONSULTING ENGINEERS
A JOINT VENTURE
ANCHORAGE, ALASKA

BY	DATE	REVISIONS
Onym	7-17-86	AS-BUILT
BW	5-23-78	ADDED NOTE FOR PLAN AND PROFILE LENGTH OF 36 C.M.P.

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
DIVISION OF AVIATION—DESIGN AND CONSTRUCTION

ANCHORAGE INTERNATIONAL AIRPORT
NORTH-SOUTH RUNWAY
OUTFALL LINE
STA 56+62.75 TO STA 67+79.75

APPROVED: JAMES J. RHODE, P.E. — CHIEF DESIGN ENGINEER
APPROVED: BROOKS H. WADE, P.E. — INTERNATIONAL AIRPORTS ENGINEER

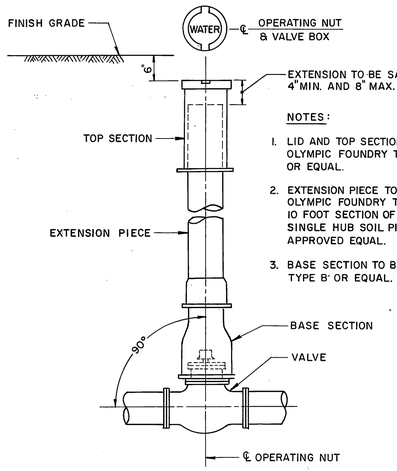
SCALE H 1"=100' V 1"=5' | DESIGNED R.C. | DRAWN L.S. | CHECKED M.B. | DATE JAN., 1978 | SHEET 47 OF 77

STATE OF ALASKA — 49TH — Marvin Sawyer No. 14358 — REGISTERED PROFESSIONAL ENGINEER

ADAP 6-02-0016-08

AS-BUILT 8-10-86 Sheet 49 of 82

K&E PLATE 1, PLAN-PROFILE KEUFFEL & ESSER CO.
48 7024 MADE IN U.S.A.

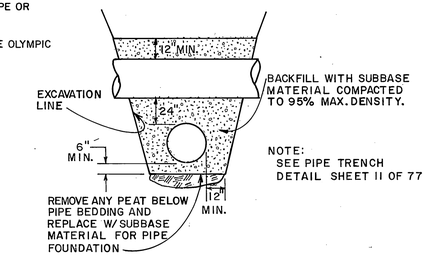


NOTES:

1. LID AND TOP SECTION TO BE OLYMPIC FOUNDRY TYPE C, OR EQUAL.
2. EXTENSION PIECE TO BE OLYMPIC FOUNDRY TYPE A, 10 FOOT SECTION OF 5' DIA. SINGLE HUB SOIL PIPE OR APPROVED EQUAL.
3. BASE SECTION TO BE OLYMPIC TYPE B OR EQUAL.

VALVE BOX DETAIL

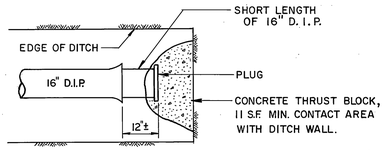
NO SCALE



NOTE: SEE PIPE TRENCH DETAIL SHEET 11 OF 77

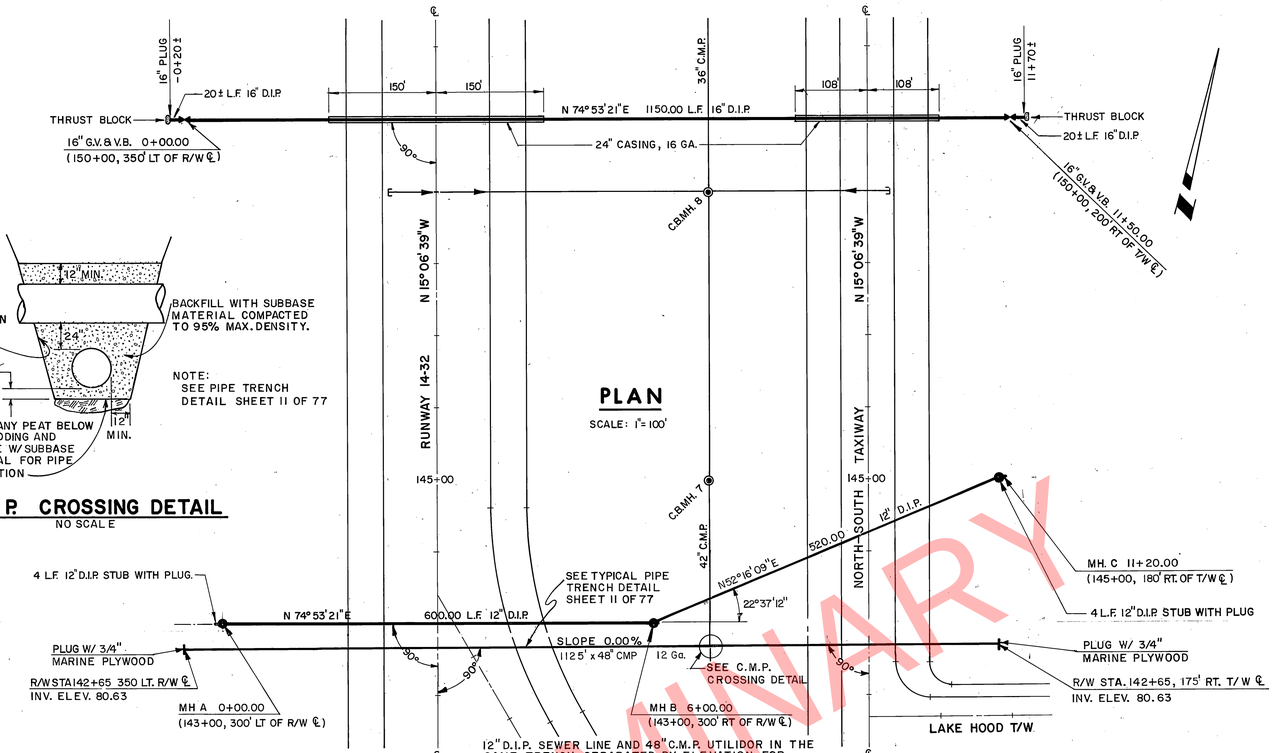
C.M.P. CROSSING DETAIL

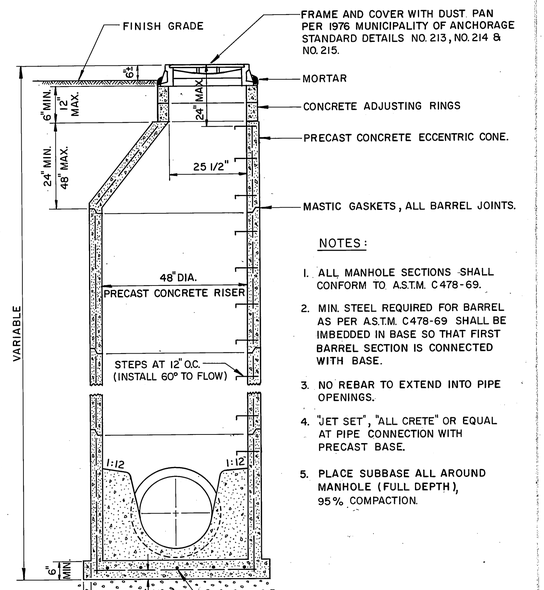
NO SCALE



THRUST BLOCK & PLUG DETAIL

NO SCALE



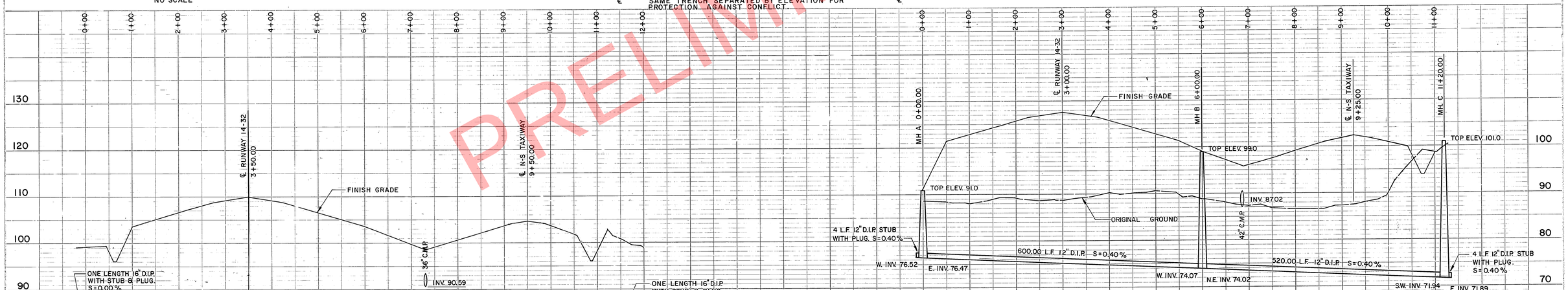


NOTES:

1. ALL MANHOLE SECTIONS SHALL CONFORM TO A.S.T.M. C 478-69.
2. MIN. STEEL REQUIRED FOR BARREL AS PER A.S.T.M. C 478-69 SHALL BE IMBEDDED IN BASE SO THAT FIRST BARREL SECTION IS CONNECTED WITH BASE.
3. NO REBAR TO EXTEND INTO PIPE OPENINGS.
4. "JET SET", "ALL CRETE" OR EQUAL AT PIPE CONNECTION WITH PRECAST BASE.
5. PLACE SUBBASE ALL AROUND MANHOLE (FULL DEPTH), 95 % COMPACTION.

SANITARY SEWER MANHOLE DETAIL

NO SCALE



WATER LINE PROFILE

SCALE H 1"=100'
V 1"=10'

SEWER LINE PROFILE

SCALE: H 1"=100'
V 1"=10'

STATE OF ALASKA 49TH
Marvin Boyer No. 1435-E
REGISTERED PROFESSIONAL ENGINEER

ADAP 6-02-0016-08

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
DIVISION OF AVIATION—DESIGN AND CONSTRUCTION

ANCHORAGE INTERNATIONAL AIRPORT
NORTH-SOUTH RUNWAY
WATER & SANITARY SEWER UTILITIES

APPROVED
JAMES J. RHODE, P.E. CHIEF DESIGN ENGINEER
APPROVED
BROOKS H. WADE, P.E. INTERNATIONAL AIRPORTS ENGINEER

TRYCK, NYMAN & HAYES AND ACLW CONSULTING ENGINEERS
A JOINT VENTURE
ANCHORAGE, ALASKA

BY	DATE	CHANGE
		AS-BUILT
BW	5-23-78	REVISED COMPACTION REQUIRED FOR SUB-BASE AMEND. S.S.M.H.

REVISIONS

SCALE	DESIGNED	T.S.	DRAWN	L.S.	SHEET 48 OF 77
AS NOTED	CHECKED	M.B.	DATE	JAN, 1978	

AS-BUILT 8-10-86

Sheet 50 of 82

PRELIMINARY

SURVEYED
PLOTTED
NOTE BOOK
No.
DATE
BY
AS-BUILT: ADJUSTMENTS CHECKED. AS-BUILT NOTED. CONSTRUCTION ADJUSTMENTS CHECKED.

K&E PLATE 1, PLAN-PROFILE
KEUFFEL & ESSER CO.
48 7024 MADE IN U.S.A.

8-7-5. J.L.

PRELIMINARY

STA 0+077.500
MATCH LINE

MATCH LINE
STA 12+775.000

TAXIWAY S

TAXIWAY R

TAXIWAY Q

RUNWAY 14–32

STANDBY GENERATOR BUILDING

EDGE OF RUNWAY SAFETY AREA

SEE SHEET 20 FOR GRADING

PLASTIC PIPE

STA 12+879.905 RUNWAY = STA 0+155.000 TAXIWAY S

STA 13+280.454

STA 13+326.019 ℄ TAXIWAY Q

801
NOTE 1, SHEET 5

PAVEMENT SAWCUT LINE, TYP

EDGE OF RUNWAY STRUCTURAL PAVEMENT

EXISTING PAVEMENT TO REMAIN

SEE SHEET 21 FOR GRADING

REMOVE EXISTING SENSOR PRIOR TO PAVEMENT REMOVAL INCIDENTAL TO BID ITEM L-130a

RELOCATED PAPI UNITS

PAPI TRANSFORMER

FAA PAPI'S

SUBDRAIN
E INV=37.198
W IN=37.213

SDCB
TOP=38.743
INV=36.414

SDCB
TOP=39.239
INV=36.594

SDCB
TOP=40.021
INV=37.841

SUBDRAIN
E INV=38.444
W INV=38.444

SDCB
TOP=40.630
INV=38.484

SUBDRAIN
INV=39.898

N74°52'58"E

N15°07'02"W

HILTON

SEE SHEET 21

600 mm SD

150 mm NON PERF

PERFORATED

R=49.500

R=18.500

R=35.000

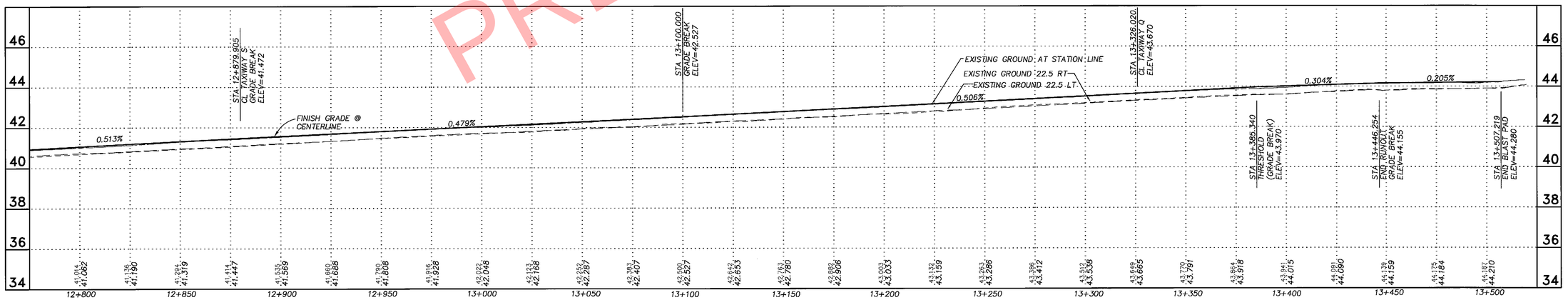
R=58.000

56.500

17.500

SCALE IN METERS
50 0 25 50 100

METRIC



BY	DATE	REVISIONS	BY	DATE	REVISIONS
SH	9/15/05	AS-BUILT			
WPH	4/9/03	▽ CORRECT DIMENSION STRING @ STA 13+180			

Designed By: WPH
Checked By: WPH
Drawn By: GLB
Date Plotted: 04/10/03
Plot Ratio and View:
File:

PLANS DEVELOPED BY DOWL ENGINEERS

STATE OF ALASKA
49TH
William P. Hamm
SE-3000
4/10/03
REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

TED STEVENS ANCHORAGE INTERNATIONAL AIRPORT
ANCHORAGE, ALASKA
AIA RUNWAY 14–32 REHABILITATION
PROJECT No. 55252
AIP No. 3–02–0016–7203
AIA N–S TAXIWAY CONSTRUCTION, TAXIWAYS W, S, T AND U INTERLINKS
PROJECT No. 55799
AIP No. 3–02–0016–7403
RUNWAY 14–32 PLAN AND PROFILE

SHEET 9 OF 52

AS-BUILT 7/2005 9 OF 52

PROJECT: P:\PROJECTS\057492\DESIGN DRAWING NAME: DRW-1432.DWG SCRIPT FILE FOR THIS SHEET: DRW-1432.scr PLOTTED: APR 10 2003 15:40:58 (WS#56) DGN. FILE No: 229-51

PRELIMINARY

CEA TRANSFORMER
NORTH
RVR SITE
TP 00-30
TP 00-46
TP 00-29
TP 00-28
SDCB #1 RIM=38.810
STA 12+879.905 TAXIWAY Y
STA 0+000.000 TAXIWAY S
STA 12+954.905, 22.860 LT
STA 12+947.405, 42.500 LT
STA 0+077.500, 32.500 LT
STA 12+912.405, 51.000 RT
PC STA 12+905.405, 51.000 RT
PC STA 0+082.640, 25.500 LT
BVC STA 0+032.543
EVC STA 0+062.543
STA 0+085.055 VPI ELEV=41.110
STA 0+047.543
PT STA 12+854.405, 51.000 RT
PC STA 0+082.640, 25.500 RT
STA 0+077.500, 32.500 RT
STA 12+847.405, 51.000 RT
PC STA 12+832.362, 25.735 RT
PC STA 12+828.905, 32.500 LT
RP STA 12+828.905, 51.000 RT
STA 12+828.905, 32.500 RT
STA 12+753.905, 15.000 RT
STA 12+954.905, 22.860 RT
STA 12+946.000
STA 0+227.360, 25.500 LT
STA 0+227.360, 25.500 RT
STA 0+232.500, 32.500 LT
STA 0+232.500, 32.500 RT
STA 12+879.905 RUNWAY = STA 0+155.000 TAXIWAY S
STA 0+246.70±, 49.0 LT
INSTALL NEW CBMH #36, TYPE I
INLET GRATE
RIM=38.980
INV=36.5±
NOTE 1
STA 0+253.43±, 40.0 RT
INSTALL NEW SDMH #37 TYPE I
(SOLID TOP)
RIM=39.975
INV=36.4±
NOTE 1
STA 0+282.907±, 32.500 LT
40.332± ME
STA 0+282.907±, 24.715 LT
40.565± ME
STA 0+282.907±
40.936± ME
STA 0+282.907±, 24.715 RT
40.565± ME
STA 0+282.907±, 32.500 RT
40.332± ME
STA 0+337.884 TAXIWAY T = STA 12+879.905 TAXIWAY R
SDCB TOP=38.743 N INV=36.414 E INV=37.198 W IN=37.213
TH 01-71
TH 01-72
REMOVE MANHOLE AND EXISTING SD. DELIVER CASTING TO ANC MAINTENANCE. NOTE 1
EDGE OF RUNWAY STRUCTURAL PAVEMENT
PVC PIPE
ELEC VAULT
DIRECT BURIED ELEC CONDUCTORS
RAPI CABLE PEDESTAL
FAA PAPI'S
NOTE 2
NOTE 3
TAXIWAY S
TAXIWAY Y
TAXIWAY R
RUNWAY 14-32
N74°52'58"E
N15°07'02"W
N19°23'17"E
R=83.500
R=25.500
R=18.500
R=35.000
R=49.500
1.79%
1.16%
0.700%
0.000%
0.040%
0.532%
0.479%
0.513%
0.184%
SEE 2/26 FOR PROFILE

NOTES

1. STORM DRAIN STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL D-35.02M. CASTING SHALL BE NEENAH R-3492-A OR EQUAL. REMOVE EXISTING PIPE AND MANHOLE AND RECONNECT SUBDRAINS INTO NEW MAIN LINE. (ITEM D-701e)
2. PAPI SYSTEM TO BE RELOCATED BY FAA AFTER NEW ACCESS PAD IS CONSTRUCTED. COORDINATE WITH ENGINEER.
3. (V1) NOTIFY ENGINEER AT LEAST 5 WORKING DAYS IN ADVANCE OF WHEN EXISTING PAPI UNITS AND FOUNDATIONS NEED TO BE REMOVED BY FAA. ENGINEER WILL COORDINATE THIS WITH TOM ONDRA AT FAA, 271-2427.

0 5 10 20 30 40 50 METERS
METRIC SCALE

NOTE: SPOT ELEVATIONS ARE SHOWN ON 12.500 GRID

METRIC

Designed By: WPH						
Checked By: WPH						
Drawn By: GLB						
Date Plotted: 04/10/03	SH	9/15/05	AS-BUILT			
Plot Ratio and View:	WPH	4/9/03	(V1) REVISE NOTE 3			
File:	BY	DATE	REVISIONS	BY	DATE	REVISIONS

PLANS DEVELOPED BY DOWL ENGINEERS
STATE OF ALASKA 49TH William R. Hamm 2000 REGISTERED PROFESSIONAL ENGINEER 4/10/03

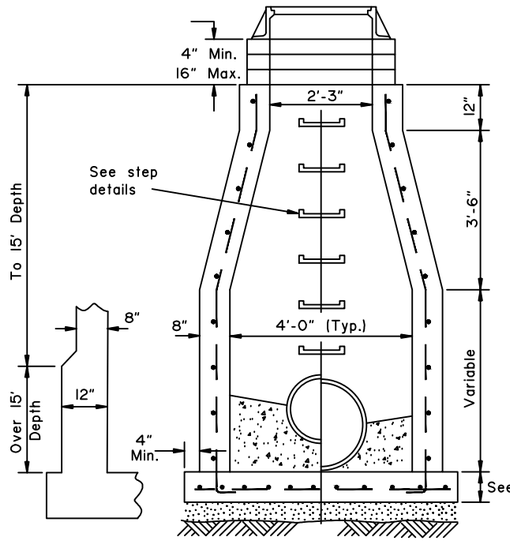
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

TED STEVENS ANCHORAGE INTERNATIONAL AIRPORT
ANCHORAGE, ALASKA
AIA RUNWAY 14-32 REHABILITATION
PROJECT No. 55252
AIP No. 3-02-0016-7203
AIA N-S TAXIWAY CONSTRUCTION, TAXIWAYS W, S, T AND U INTERLINKS
PROJECT No. 55799
AIP No. 3-02-0016-7403
TAXIWAY S INTERSECTION GRADING PLAN

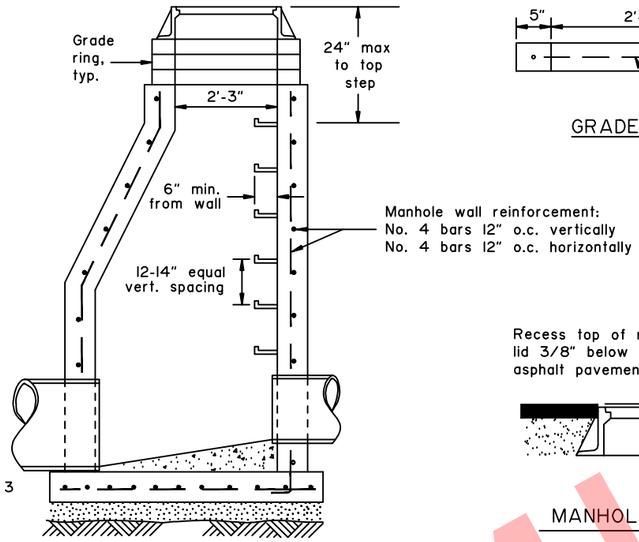
SHEET 20 OF 52

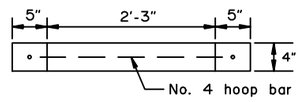
AS-BUILT 7/2005 20 OF 52

DOWL FILE No: 229-51
PROJECT: P:\PROJECTS\057492\DESIGN DRAWING NAME: DRW-1432.DWG SCRIPT FILE FOR THIS SHEET: DRW-1432.scr PLOTTED: APR 10 2003 15:40:58 (WS#56)

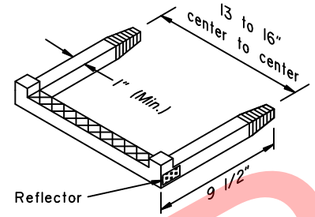


CAST-IN-PLACE MANHOLE

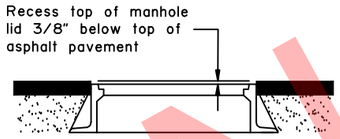




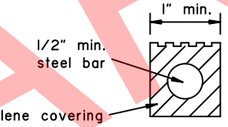
GRADE RING



STEP DETAIL



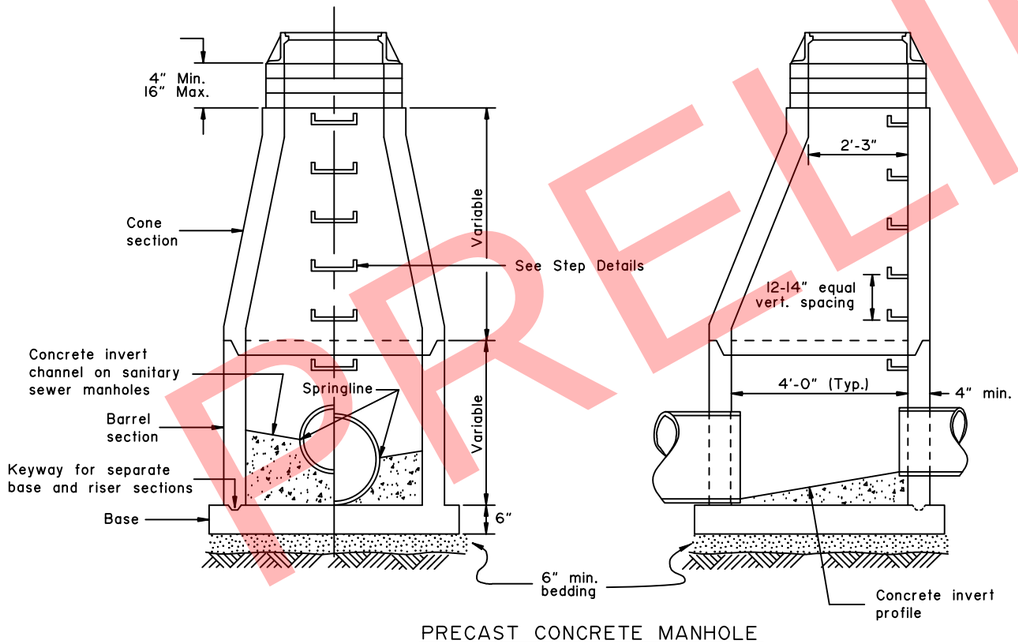
MANHOLE IN PAVEMENT



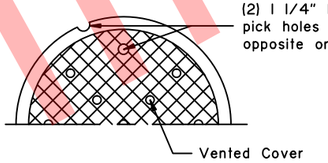
STEP CROSS SECTION

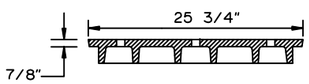
GENERAL NOTES:

1. Either precast or cast-in-place manholes may be used.
2. Details for manhole frame, cover and step are generic in nature and may vary from shown depending on manufacturer
3. Use 8" thick cast-in-place concrete bases for depths less than 15' and 12" thick bases for depths 15' or greater.
4. Manhole frames shall have a depth of 6" unless specified otherwise on the plans.
5. Step requirements:
   a. 18" max. vertical clearance to bottom of manhole or concrete invert.
   b. 3" minimum embedment.
   c. 1,500 lb. min. pullout force.
   d. ASTM A-615 grade 60 steel bar.
   e. Injection molded polypropylene covering meeting ASTM D-41010
   f. Slip resistant foot tread with "wings" to prevent feet from sliding off the edge.
   g. Reflectors at step corners

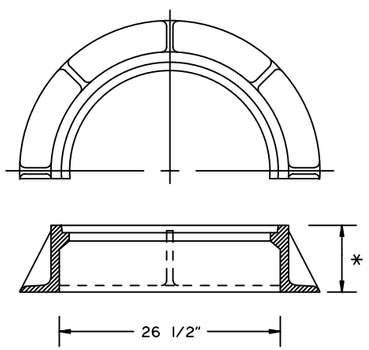


PRECAST CONCRETE MANHOLE





MANHOLE COVER



MANHOLE FRAME

MANHOLE FRAME & COVER MINIMUM WEIGHT		
* Depth	6"	380 lbs
	7"	400 lbs
	8"	440 lbs
	9"	470 lbs
	10"	500 lbs

REVISIONS		
Date	Description	By
9/15/91	Added grade rings	GDO
3/15/99	Remove steps in rings	EMR
1/16/17	Revised concrete/rebar	LRG

State of Alaska DOT&PF
3132 Channel Dr., Juneau, AK
Phone: (907) 465-2960

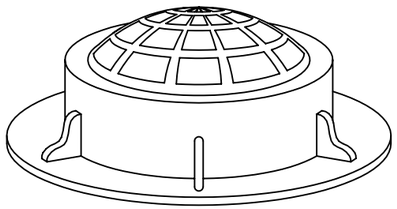
MANHOLES, FRAME AND COVER

Eff. Date: 1/16/17

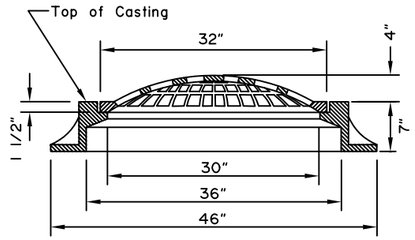
D-20.04

PRELIMINARY

D-22.01

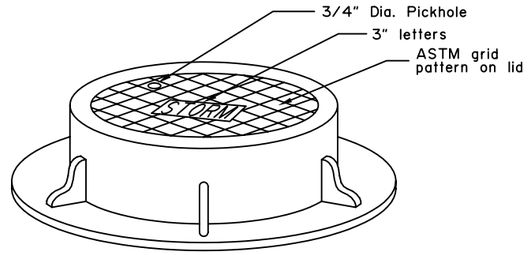


Surround field inlets with a 24" wide rock rubble collar 10" deep, 3" maximum size rock.



FIELD INLET FRAME & GRATE

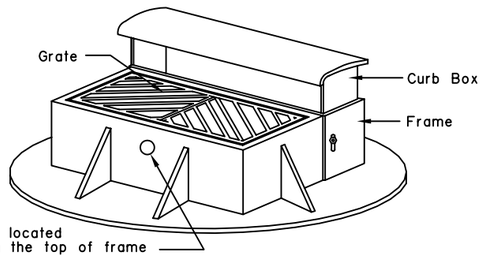
To be supplied for storm drain manholes where field inlets are specified.
Field inlet frame and grate shall have a Minimum total weight of 525 lb.



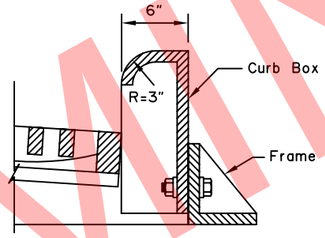
MANHOLE LID FRAME AND GRATE

NOTES:

1. Details shown are to indicate general design only. Dimensions and design may vary among the manufacturers, except that inlet grate shall be within ¼"± of dimensions shown on this drawing.
2. Manhole lids shall be 32" in diameter and may be used with field inlet frames.
3. Type A field inlet frame inside dimensions shall be 24" x 36". Lugs will not protrude outside the concrete surface of the inlet box.
4. Grates shall be bicycle safe. Where high capacity grates are called for on the plans, they shall conform to Std. Dwg. D-25.
5. Frame and grate casting types are identified by the following abbreviations:
   C.I. = Curb Inlet
   F.I. = Field Inlet
   M.H. = Manhole
6. Flowline depression shall conform to Std. Dwg. D-23 for an on grade or sag point conditions.
7. These are the default frames and grates to be used unless shown otherwise on the drainage plans or drainage structure summary.

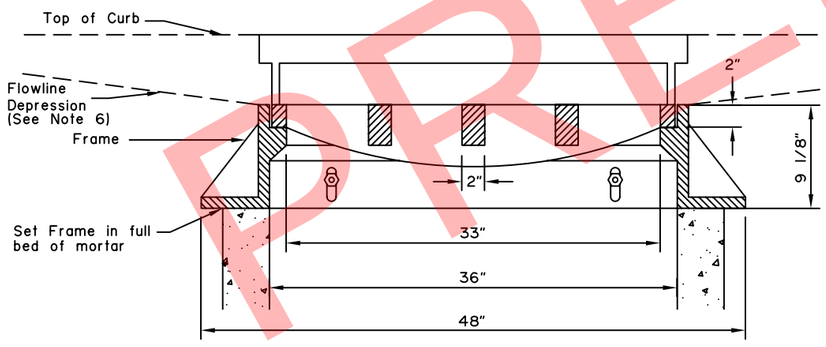


NOTE:
Curb Box, Grate and frame shall have a minimum total weight of 725 lb.

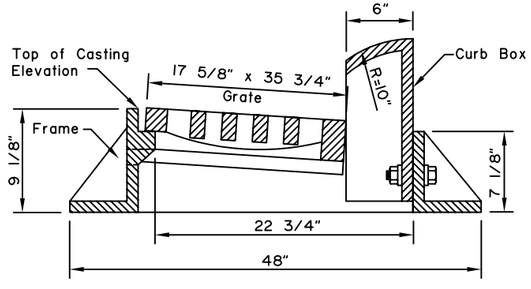


SIDE VIEW
MOUNTABLE CURB AND GUTTER

REQUIRED FRAME AND GRATES (See Note 7)			
STRUCTURE	INLET TYPE	CURB TYPE	TYPE FRAME AND GRATE
INLET BOX, TYPE A	Curb	Mountable	Standard Curb Inlet
	Curb	Expressway	Mountable Curb Inlet
	Curb	Rolled Curb	Depressed Inlet
	Field	------	Field Inlet
STORM DRAIN MANHOLES, TYPE I, II AND III	Curb	Mountable	Mountable Curb Inlet
	Curb	Expressway	Expressway Curb Inlet
	Curb	Rolled Curb	Depressed Inlet
	Field	------	Field Inlet
	Manhole Lids	------	Field Inlet Frame, Solid MH. Lid



FRONT VIEW



SIDE VIEW
EXPRESSWAY CURB AND GUTTER

CURB INLET FRAME AND GRATE

To be supplied for storm drain manholes Type I, Type II and Type III where curb inlets are specified.

NOT TO SCALE

REVISIONS		
Date	Description	By
10/31/03	Misc. Revisions/ Corrections	LRG

Sheet 1 of 1

State of Alaska
Department of Transportation & Public Facilities

STORMDRAIN MANHOLE FRAME AND GRATE DETAILS

APPROVED
Lora R. Gregovich CE-8065
Date 10/31/03

D-22.01

PRELIMINARY