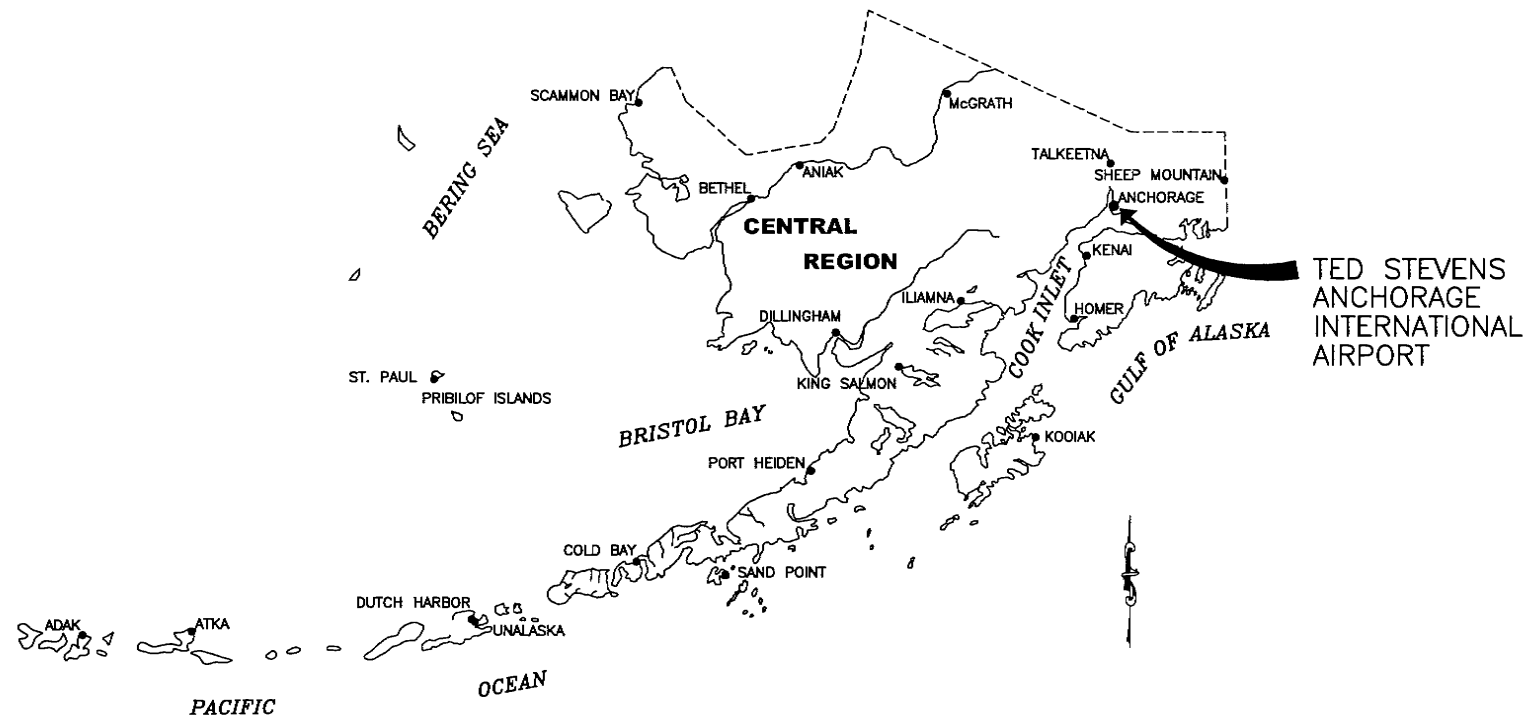
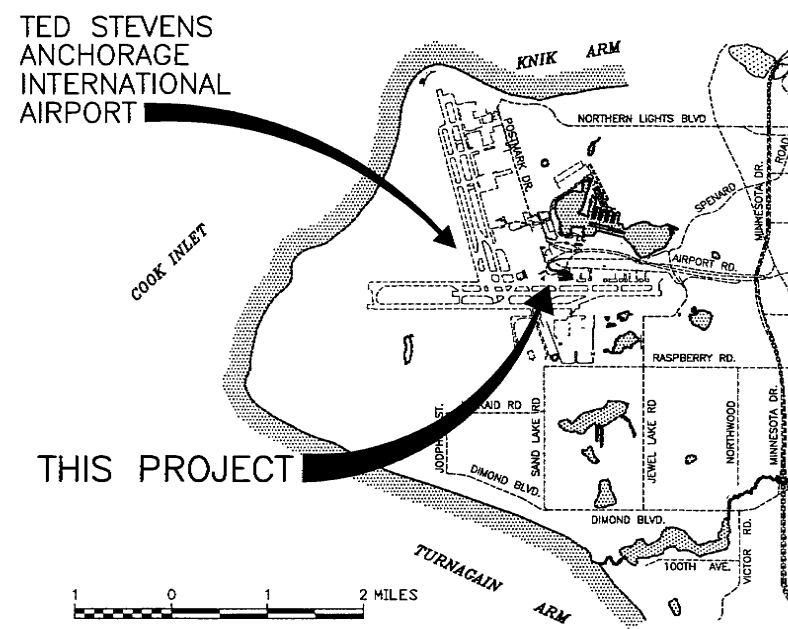


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Designed By: JLC
Drawn By: CRS
Checked By: LB



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

PRE PS&E FOR TED STEVENS ANCHORAGE INTERNATIONAL AIRPORT ANCHORAGE, ALASKA CONCOURSE A APRON RECONSTRUCTION PROJECT No. 56224 AIRPORT IMPROVEMENT PROGRAM No. 3-02-0016-XXX-2011

PRE-PS&E JANUARY 2011

CONCUR ROBERT A. CAMPBELL, P.E.	DATE 12/30/2010
APPROVED K. KIM RICE, P.E.	DATE 12/30/2010
APPROVED HARVEY M. DOUTHIT, P.E.	DATE 12/30/2010
APPROVED GARY E. LINCOLN, P.E.	DATE 12/30/2010

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

**TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA**
CONCOURSE A APRON RECONSTRUCTION
PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
TITLE, SIGNATURES,
LOCATION MAP & VICINITY MAP

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ABBREVIATIONS

AC	ACRE	N	NORTHING
ACC	ASPHALT CEMENT	NAD	NORTH AMERICAN DATUM
ADOT&PF	ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES	NG	NATIONAL GUARD
AIA	ANCHORAGE INTERNATIONAL AIRPORT	NIC	NOT IN CONTRACT
AIP	AIRPORT IMPROVEMENT PROGRAM	NTS	NOT TO SCALE
AOA	AIRPORT OPERATIONS AREA	OG	ORIGINAL GROUND
APPROX	APPROXIMATELY	PC	POINT OF CURVE
BOP	BEGINNING OF PROJECT	PCC	PORTLAND CEMENT CONCRETE
CB	CATCH BASIN	PI	POINT OF INTERSECTION
CL	CENTERLINE	PS&E	PLANS, SPECIFICATIONS, AND ESTIMATE
CMP	CORRUGATED METAL PIPE	PT	POINT OF TANGENCY
CPEP	CORRUGATED POLYETHYLENE PIPE	R	RADIUS
CS	CONTINGENT SUM	RAP	RECYCLED ASPHALT PAVEMENT
CY	CUBIC YARD	RCP	REINFORCED CONCRETE PIPE
E	EASTING	REHAB	REHABILITATION
EA	EACH	RT	RIGHT
ELEC	ELECTRICAL	RW	RUNWAY
ELEV	ELEVATION	SD	STORM DRAIN
EOP	END OF PROJECT	SDMH	STORM DRAIN MANHOLE
FG	FINISH GRADE	STA	STATION
HDPE	HIGH DENSITY POLYETHYLENE	SVC	SERVICE
HMA	HOT MIX ASPHALT	SY	SQUARE YARD
HR	HOURL	T	TANGENT
INV	INVERT	TN	TON
L	LENGTH	TSA	TAXIWAY SAFETY AREA
LB	POUND	TW	TAXIWAY
LF	LINEAR FOOT	TYP	TYPICAL
LS	LUMP SUM	WWF	WELDED WIRE FABRIC
LT	LEFT		
MAX	MAXIMUM		
M-GAL	THOUSAND GALLONS		
MH	MANHOLE		
MIN	MINIMUM		

LEGEND

SYMBOL DESCRIPTION

	AIRPORT PROPERTY BOUNDARY
	RUNWAY / TAXIWAY CENTERLINE
	PROJECT AREA BOUNDARY
	GEOTEXTILE, SEPARATION
	EXISTING UTILITY LINE
	PROPOSED STORM DRAIN LINE
	EXISTING UNDERGROUND ELECTRIC LINE
	TEMPORARY FENCE
	EXISTING FENCE
	BLAST FENCE
	BARRICADES
	BUILDING
	SIGN POST
	BOLLARD
	DOOR
	FLAGGER
	TRAFFIC CONTROL BARRIER
	EMERGENCY FUEL SHUT-OFF
	FUEL HYDRANT
	FUEL MANHOLE
	FUEL HIGH POINT VENT
	FUEL LOW POINT DRAIN
	FIRE HYDRANT
	WATER VALVE
	TAXIWAY LIGHT
	SANITARY SEWER MANHOLE
	STORM DRAIN MANHOLE
	STORM DRAIN CATCH BASIN
	ELECTRIC TRANSFORMER
	ELECTRIC MANHOLE
	ELECTRIC PEDESTAL
	JUNCTION BOX

NOTES:
1. SEE SURVEY CONTROL DIAGRAM REFERENCE DRAWING FOR SURVEY CONTROL LEGEND.



BY	DATE	REVISION

STATE OF ALASKA
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TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
CONCOURSE A APRON RECONSTRUCTION
PROJECT No. 56224
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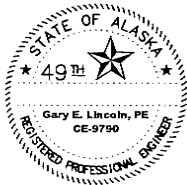
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ESTIMATED QUANTITIES

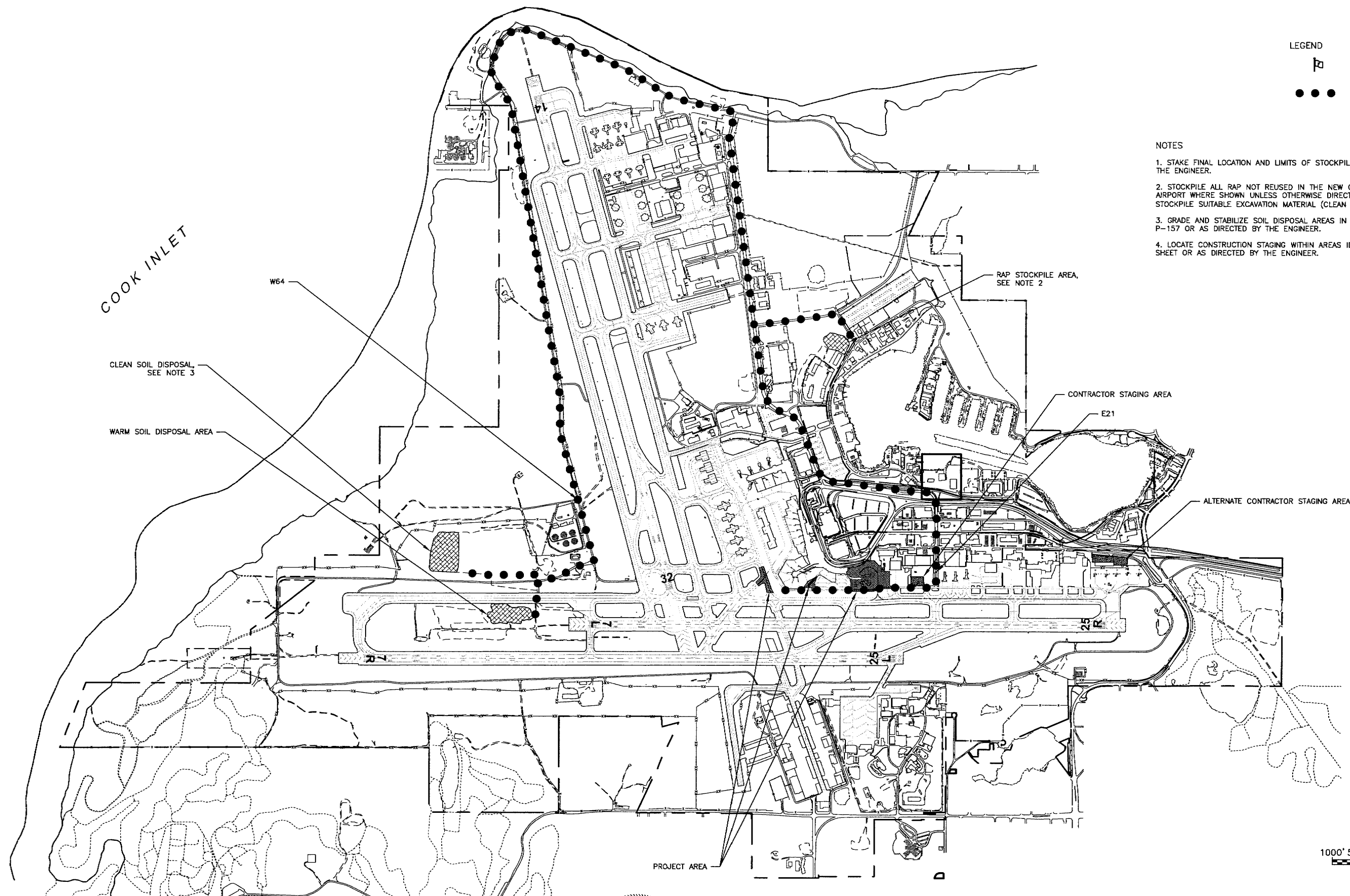
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D-701a(1)	CMP PIPE, 12-INCH	LF	181	P-170f	"HOT" MATERIAL OFFSITE TRANSPORTATION AND DISPOSAL	CS	ALL REQ'D				
D-701a(2)	TYPE S PE PIPE, 18-INCH	LF	866	P-170g	SUPPLEMENTAL LABORATORY TEST	CS	ALL REQ'D				
D-701a(3)	TYPE S PE PIPE, 24-INCH	LF	181	P-171b	TEMPORARY CONTAMINATED SOIL STOCKPILE AREA	CS	ALL REQ'D				
D-701a(4)	TYPE S PE PIPE, 30-INCH	LF	442	P-401a(1)	HOT MIX ASPHALT TYPE II, CLASS A	TON	6,600				
D-701a(5)	TYPE S PE PIPE, 36-INCH	LF	290	P-401a(2)	HOT MIX ASPHALT TYPE V, CLASS S	TON	17,657				
D-701h	CLASS B BEDDING	TON	1291	P-401b	HOT MIX ASPHALT PRICE ADJUSTMENT	CS	ALL REQ'D				
D-705a	TYPE S UNDERDRAIN, 6-INCH SEMI-RIGID	LF	2,527	P-401c(1)	ASPHALT CEMENT PG 52-34	TON	363				
D-705f	CLEANOUT	EA	6	P-401c(2)	ASPHALT CEMENT PG 64-34	TON	972				
D-751e(1)	STORM DRAIN MANHOLE, TYPE I	EA	8	P-401e	ASPHALT CEMENT PRICE ADJUSTMENT	CS	ALL REQ'D				
D-751e(2)	STORM DRAIN MANHOLE, TYPE II	EA	3	P-603a	TACK COAT, STE-1	TON	49.3				
F-170a(1)	STEEL BOLLARD (NEW)	EA	111	P-605a	JOINT SEALING FILLER	LF	2,885				
F-170a(2)	STEEL BOLLARD (REPAINT)	EA	7	P-610a	STRUCTURAL PORTLAND CEMENT CONCRETE	CY	152.9				
F-175a	BLAST FENCE	LF	775	P-620a	RUNWAY AND TAXIWAY PAINTING	SF	10,200				
G-100a	MOBILIZATION AND DEMOBILIZATION	LS	ALL REQ'D	P-661c	STANDARD SIGNS	LS	ALL REQ'D				
G-135a	CONSTRUCTION SURVEYING BY THE CONTRACTOR	LS	ALL REQ'D	P-670a(1)	TRAFFIC BARRICADE, TYPE III	EA	8				
G-135b	EXTRA THREE PERSON SURVEY PARTY	HR	90	P-670b	FLASHER UNIT FOR PLASTIC BARRIER	EA	279				
G-150a	EQUIPMENT RENTAL, 75 HP DOZER	HR	200	P-670b(1)	FLASHER UNIT FOR TRAFFIC CONTROL BARRICADE, TYPE III	EA	8				
G-200a	CONTRACTOR QUALITY CONTROL PROGRAM	LS	ALL REQ'D	P-675a	W-BEAM GUARDRAIL	LF	859				
G-300a	CPM SCHEDULING	LS	ALL REQ'D	P-681a	GEOTEXTILE, SEPARATION	SY	18,060				
G-700a	AIRPORT FLAGGER	CS	ALL REQ'D	ASSUMPTIONS AMOUNT OF SUITABLE MATERIAL OBTAINED FROM UNCLASSIFIED EXCAVATION: 25,000 C.Y.				ESTIMATING FACTORS			
G-700b	AIRPORT PILOT CAR	HR	1,500								
G-705a	WATERING FOR DUST CONTROL	M-GAL	500								
P-152a	UNCLASSIFIED EXCAVATION	CY	47,944								
P-154b	SUBBASE COURSE	TON	38,812								
P-157a	EROSION, SEDIMENT, AND POLLUTION CONTROL ADMINISTRATION	LS	ALL REQ'D								
P-157b	TEMPORARY EROSION, SEDIMENT, AND POLLUTION CONTROL	CS	ALL REQ'D								
P-157e	SWPPP PRICE ADJUSTMENT	CS	ALL REQ'D								
P-160b	EXCAVATION OF PAVEMENT (PCC)	SY	3,134								
P-161b	RECYCLED ASPHALT PAVEMENT	CY	6,528								
P-165a	REMOVAL OF STRUCTURES	LS	ALL REQ'D								
P-170e	SOIL TESTING PROGRAM	CS	ALL REQ'D								
								No. ITEM FACTOR			
								P-152 SUITABLE MATERIAL 1.99 T/CU.YD.			
								P-154b SUBBASE COURSE 1.99 T/CU.YD.			
								P-161b RECYCLED ASPHALT PAVEMENT 2.025 T/CU.YD.			
								P-209b CRUSHED AGGREGATE BASE COURSE 2.025 T/CU.YD.			
								P-401a(1) HOT MIX ASPHALT 2.052 T/CU.YD.			
								P-401a(2) HOT MIX ASPHALT 2.052 T/CU.YD.			
								P-401c(1) ASPHALT CEMENT, PG 52-34 5.5% OF P-401a(1)			
								P-401c(2) ASPHALT CEMENT, PG 64-34 5.5% OF P-401a(2)			
								P-603a TACK COAT, STE-1 0.8416 LBS/S.Y.			
								T-901c WATER FOR MAINTENANCE 40 GAL/S.Y.			

* WORK ASSOCIATED WITH AREA G IS NOT AIP ELIGIBLE.



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STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION		TED STEVENS ANCHORAGE ANCHORAGE, ALASKA CONCOURSE A APRON RECONSTRUCTION PROJECT No. 56224 AIP No. 3-02-0016-XXX-2011 QUANTITIES & ESTIMATING FACTORS	DATE: 12/30/2010 SHEET: 4 OF 51 AS-BUILT SHEET:
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LEGEND

 FLAGGER

 HAUL ROUTE

NOTES

1. STAKE FINAL LOCATION AND LIMITS OF STOCKPILES AS DIRECTED BY THE ENGINEER.
2. STOCKPILE ALL RAP NOT REUSED IN THE NEW CONSTRUCTION ON THE AIRPORT WHERE SHOWN UNLESS OTHERWISE DIRECTED BY THE ENGINEER. STOCKPILE SUITABLE EXCAVATION MATERIAL (CLEAN SOIL) SEPARATELY.
3. GRADE AND STABILIZE SOIL DISPOSAL AREAS IN ACCORDANCE WITH P-157 OR AS DIRECTED BY THE ENGINEER.
4. LOCATE CONSTRUCTION STAGING WITHIN AREAS IDENTIFIED ON THIS SHEET OR AS DIRECTED BY THE ENGINEER.

COOK INLET

CLEAN SOIL DISPOSAL,
SEE NOTE 3

WARM SOIL DISPOSAL AREA

W64

— RAP STOCKPILE AREA,
SEE NOTE 2

CONTRACTOR STAGING AREA

— F2:

— ALTERNATE CONTRACTOR STAGING AREA

PROJECT AREA



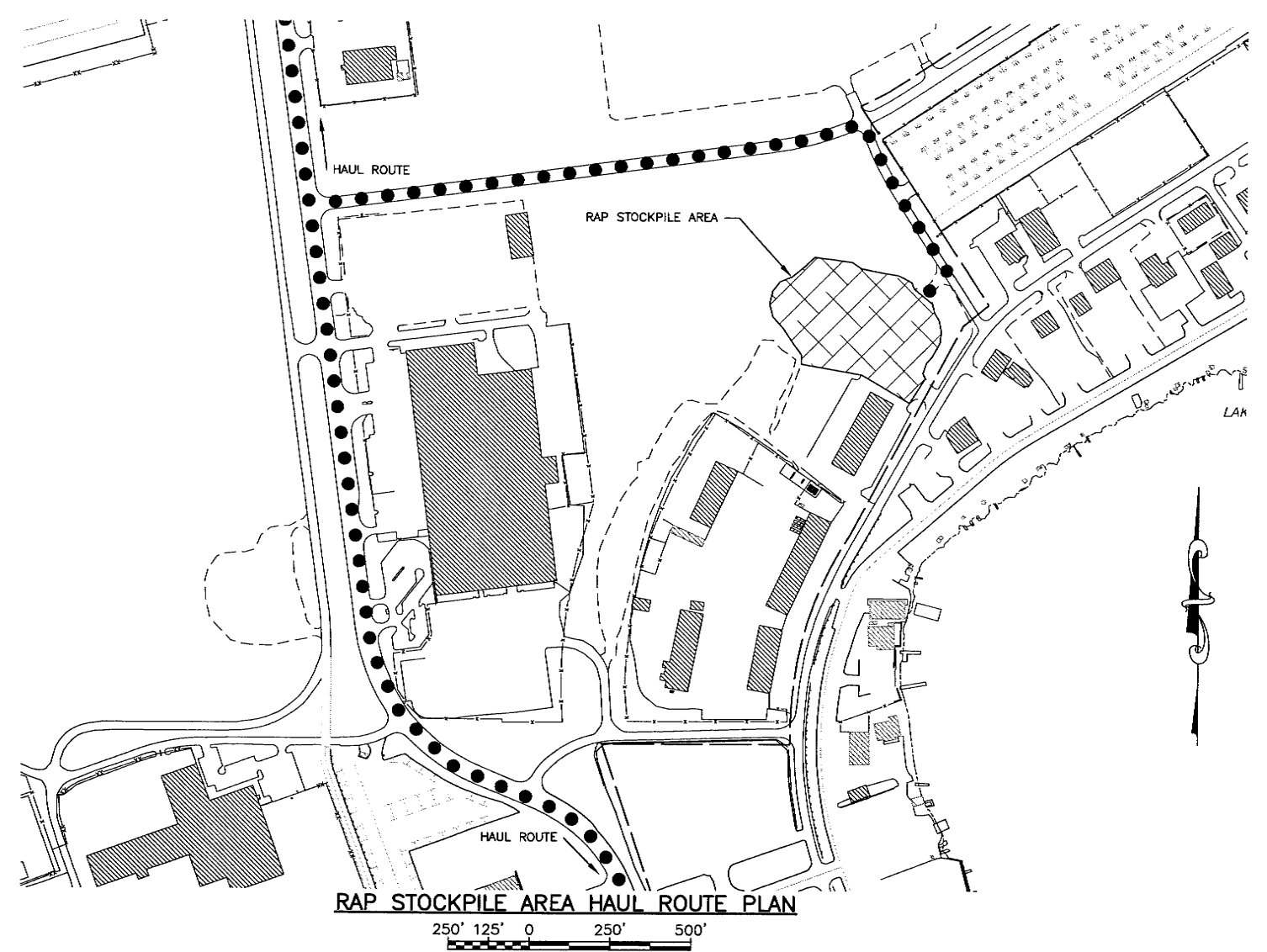
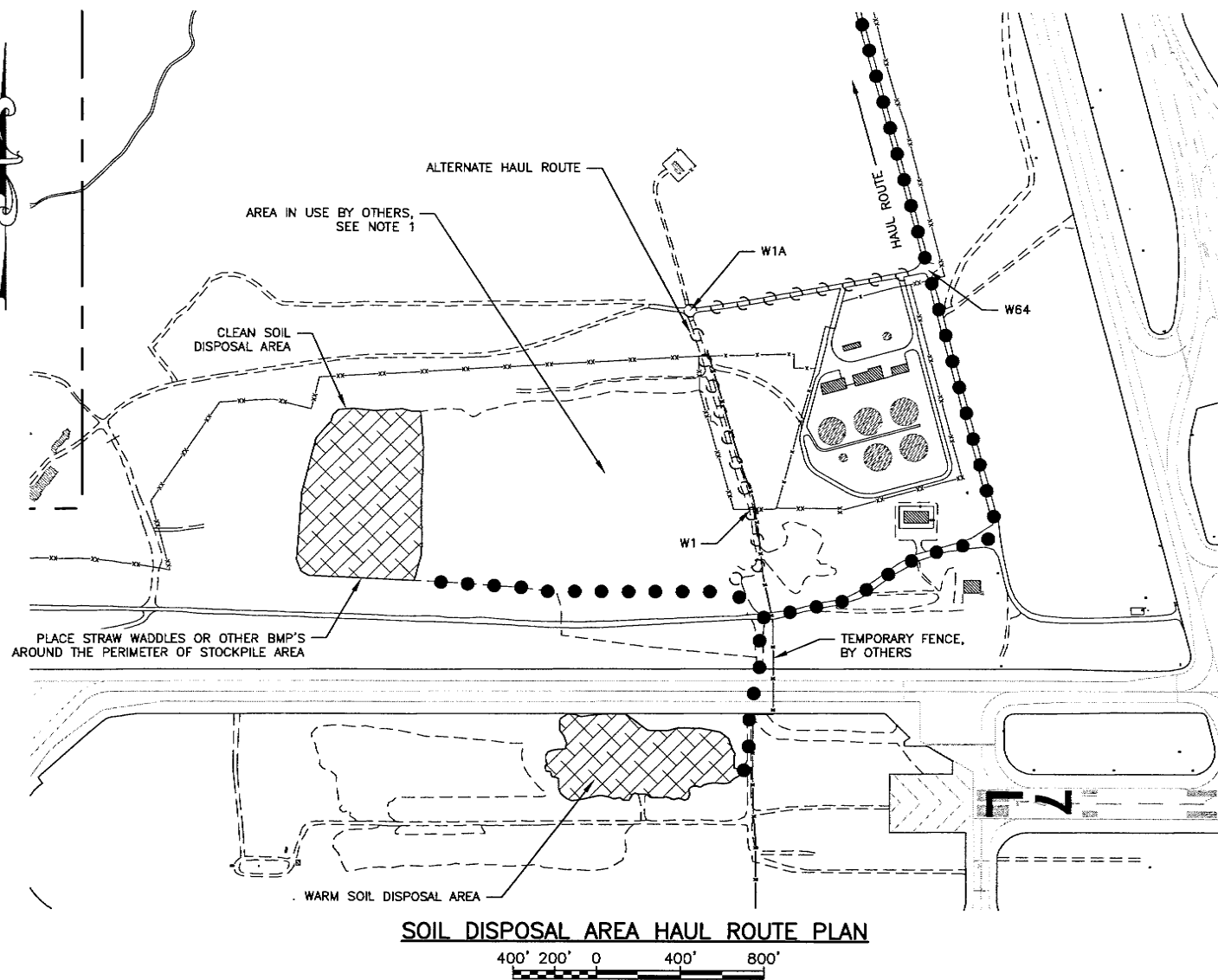
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TED STEVENS ANCHORAGE
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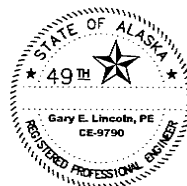
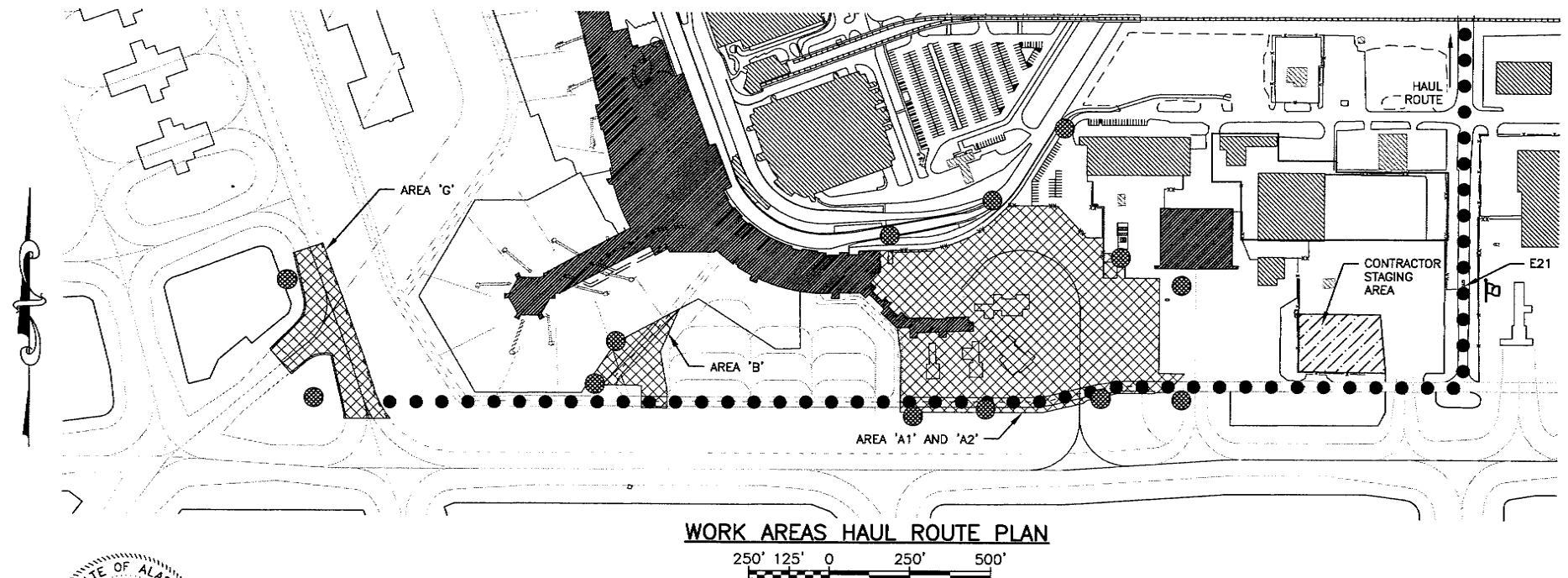


CONTROL NOTES:

1. CONCURRENT CONSTRUCTION USE IN THIS AREA. COORDINATE THE USE OF HAUL ROUTES AND SOIL DISPOSAL AREAS WITH PROJECT ENGINEER.
2. ALL EXISTING AND PROPOSED STORM DRAIN INLETS, NOT LIMITED TO THOSE SHOWN, MUST BE PROVIDED INLET PROTECTION WHERE EXPOSED TO RUNOFF WITH SEDIMENTS.
3. ALL SLOPES AND GRADED FIELDS MUST BE TEMPORARILY STABILIZED BY SURFACE ROUGHENING PRIOR TO SEEDING.
4. AREAS NOT TO BE PAVED MUST BE IMMEDIATELY SEEDED AND MULCHED AFTER GRADING.
5. IMPLEMENT DUST CONTROL THROUGHOUT CONSTRUCTION.
6. DO NOT DISTURB VEGETATIVE COVER UNLESS WITHIN THE LIMITS OF REQUIRED CLEARING AND GRADING.
7. COVER OR STABILIZE STOCKPILES LEFT OVER 14 DAYS.
8. STABILIZE ALL SURFACES BY SEEDING, PAVING, COMPOSTING OR OTHER METHODS AS INDICATED IN THE CONTRACT DOCUMENTS PRIOR TO COMPLETION OF CONSTRUCTION.

LEGEND

- FLAGGER
- HAUL ROUTE
- INLET PROTECTION
- CONSTRUCTION AREA
- STAGING AREA
- STOCKPILE/DISPOSAL AREA



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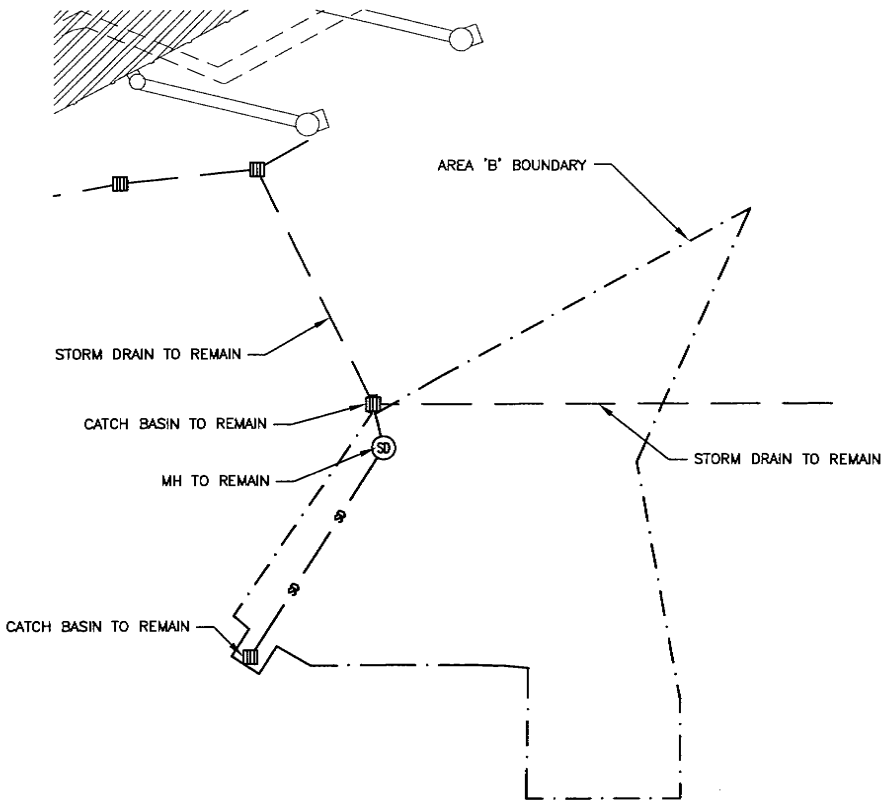
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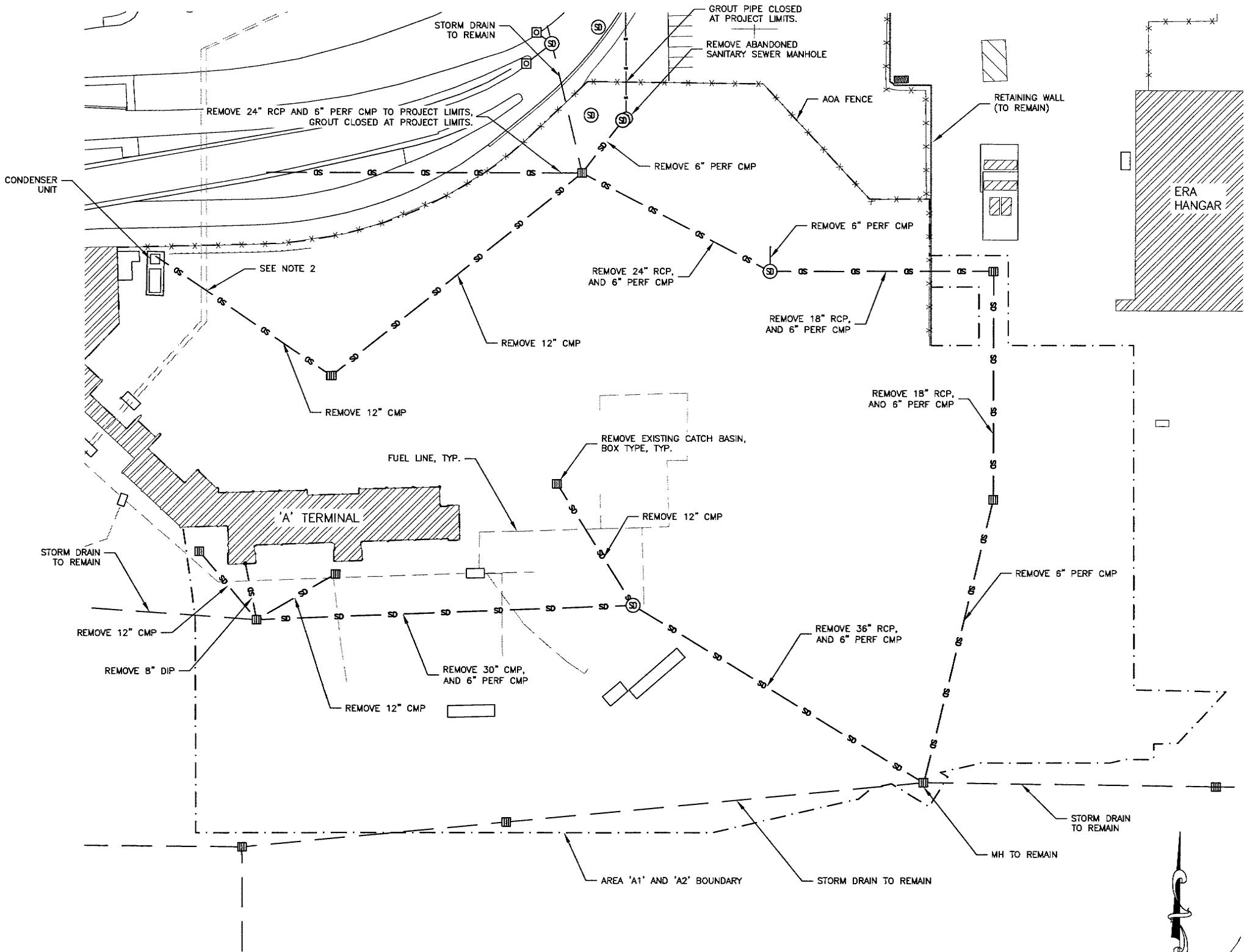
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UNDERGROUND UTILITY LOCATION
CALL BEFORE YOU DIG
SEE SPECIFICATIONS SECTION GCP-50

DANGER DANGER
BURIED FUEL LINES ARE PRESSURIZED
TO 200 PSI WITH JET FUEL.



STORM DRAIN DEMOLITION PLAN
AREA 'B'



STORM DRAIN DEMOLITION PLAN
AREA 'A1' AND 'A2'

50' 25' 0 50' 100'

- NOTES
1. EXISTING STORM DRAIN SIZE AND MATERIAL IS BASED ON FIELD SURVEY INFORMATION AND RECORD DRAWING, ACTUAL CONDITIONS MAY DIFFER SLIGHTLY FROM THOSE DEPICTED HERE.
 2. STORM DRAIN CROSSES MULTIPLE FUEL LINES IN THIS LOCATION. USE EXTREME LOCATION WHEN WORKING IN THIS AREA.



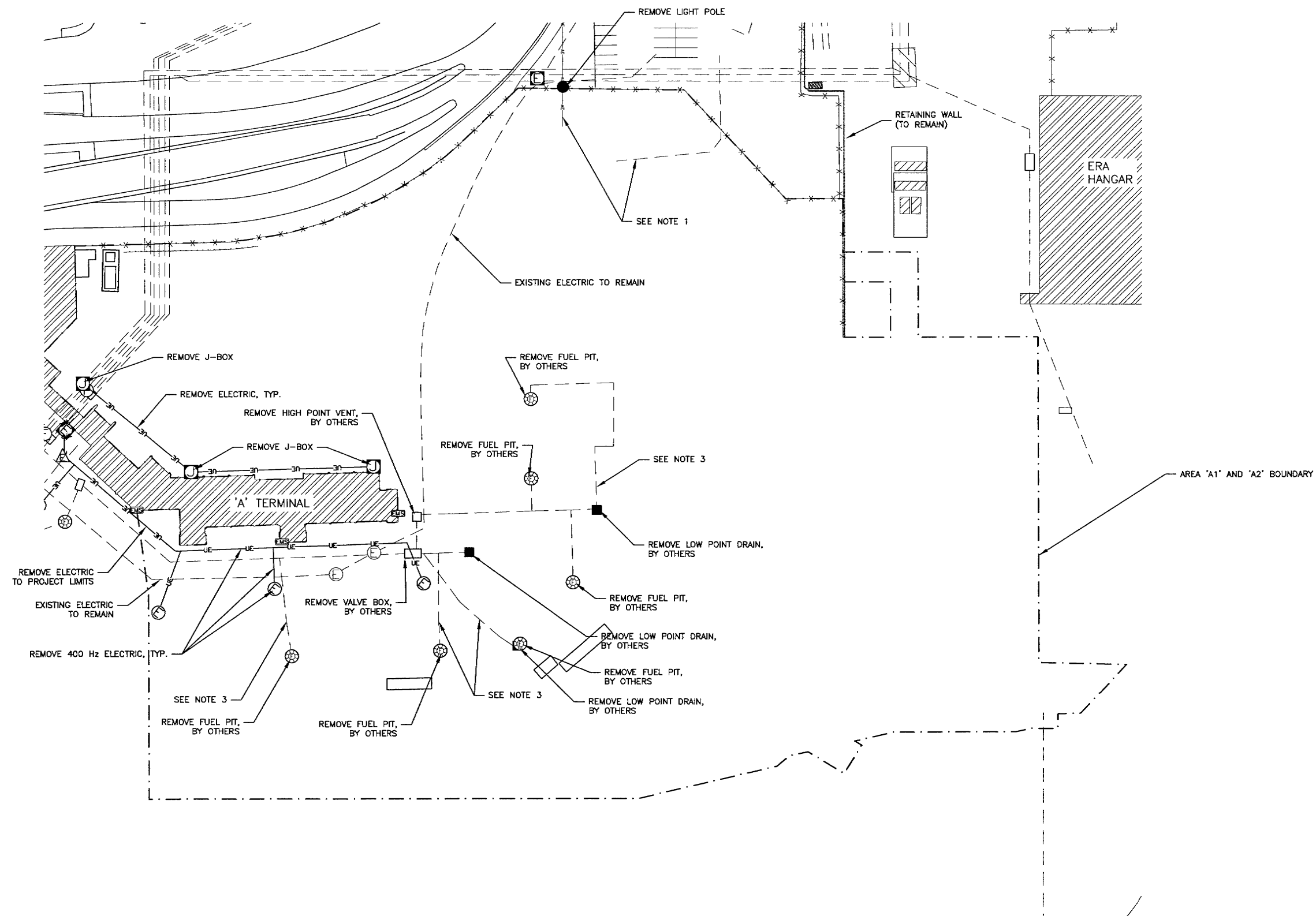
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TED STEVENS ANCHORAGE
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UNDERGROUND UTILITY LOCATION

CALL BEFORE YOU DIG
SEE SPECIFICATIONS SECTION GCP-50

DANGER DANGER
BURIED FUEL LINES ARE PRESSURIZED
TO 200 PSI WITH JET FUEL.

NOTES

1. REMOVE ABANDONED ELECTRICAL TO PROJECT LIMITS IF ENCOUNTERED.
2. AFTER PAVEMENT REMOVAL AND EXCAVATION, PROVIDE THE FUEL SYSTEM CONTRACTOR A WORK PERIOD NOT TO EXCEED 3 WEEKS TO REPLACE FUEL HYDRANTS, AS OUTLINED IN SPECIFICATION SECTION GCP 50-06.
3. ALL EXISTING FUEL LINE TO REMAIN, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
4. DESIGN IS BASED UPON FIELD SURVEY AND RECORD DRAWINGS. UTILITIES SHOWN ARE FROM A COMBINATION OF FIELD SURVEY AND UTILITY AS-BUILTS. LOCATIONS ARE APPROXIMATE AND DEPTHS ARE UNKNOWN. OBTAIN UTILITY FIELD LOCATES PRIOR TO ANY EXCAVATION.

ELECTRICAL AND FUEL LINE DEMOLITION PLAN

NOTES

1. DESIGN IS BASED UPON FIELD SURVEY AND RECORD DRAWINGS. UTILITIES SHOWN ARE FROM A COMBINATION OF FIELD SURVEY AND UTILITY AS-BUILTS. LOCATIONS ARE APPROXIMATE AND DEPTHS ARE UNKNOWN. OBTAIN UTILITY FIELD LOCATES PRIOR TO ANY EXCAVATION.



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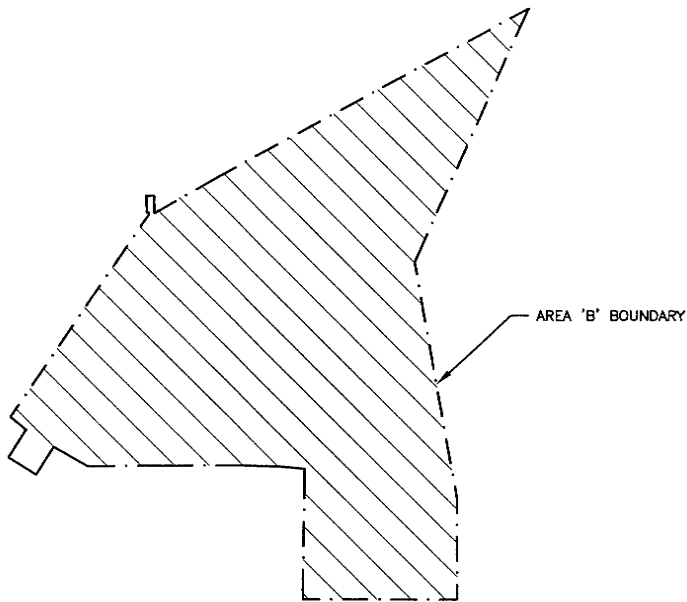
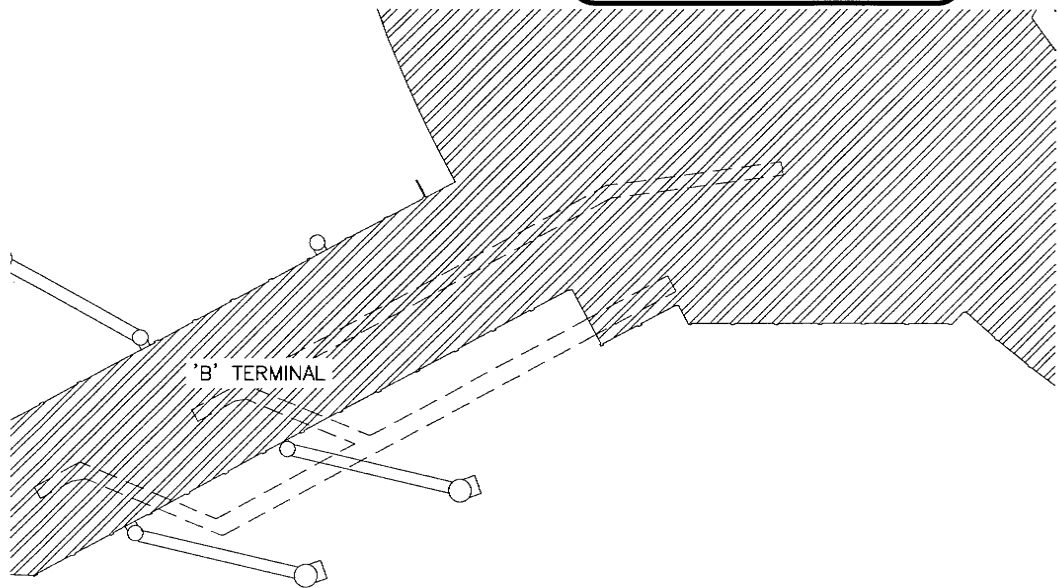
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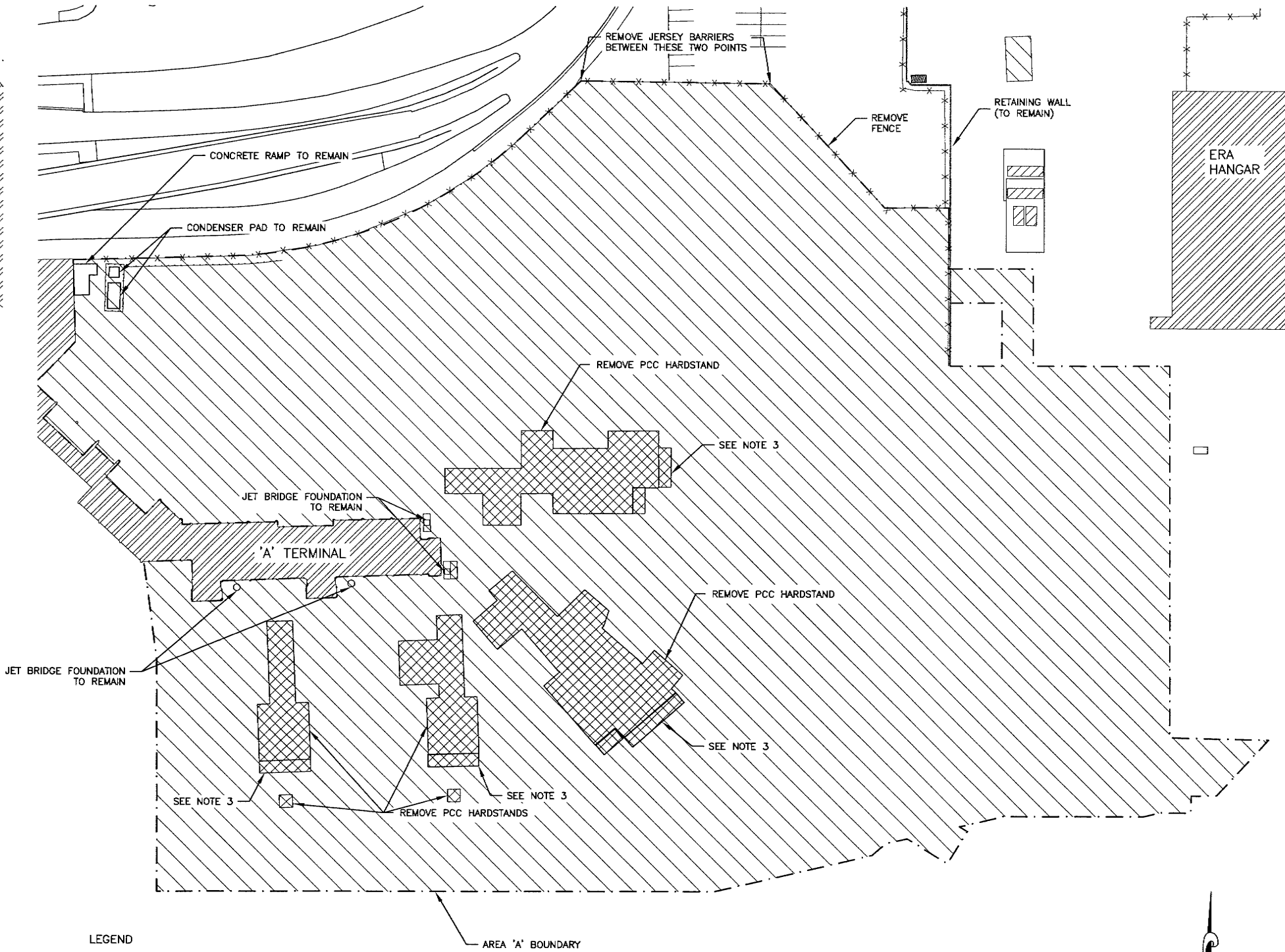
UNDERGROUND UTILITY LOCATION

CALL BEFORE YOU DIG
SEE SPECIFICATIONS SECTION GCP-50

DANGER DANGER
BURIED FUEL LINES ARE PRESSURIZED
TO 200 PSI WITH JET FUEL.



PAVEMENT DEMOLITION PLAN
AREA B



LEGEND
[Hatched Box] ASPHALT REMOVAL
[Cross-hatched Box] PCC REMOVAL

PAVEMENT DEMOLITION PLAN
AREA 'A1' AND 'A2'

50' 25' 0 50' 100'

- NOTES
1. SEE EXISTING PAVEMENT ASSUMPTIONS FOR THICKNESS ASSUMPTIONS AND SPECIFIC AREAS.
 2. SEE AREA LAYOUT PLANS FOR STATION AND OFFSET FROM TAXIWAY 'K' CENTERLINE FOR PROJECT BOUNDARY.
 3. APPROXIMATE LIMITS OF 10' PCC HARDSTAND TRANSITION TO ASPHALT. THICKNESS OF CONCRETE AT END OF TRANSITION IS 6".



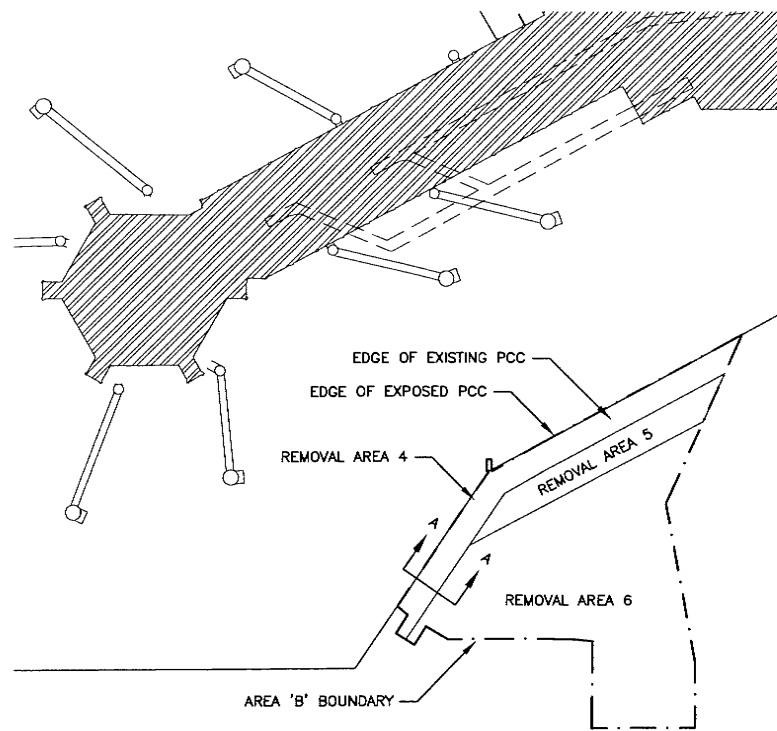
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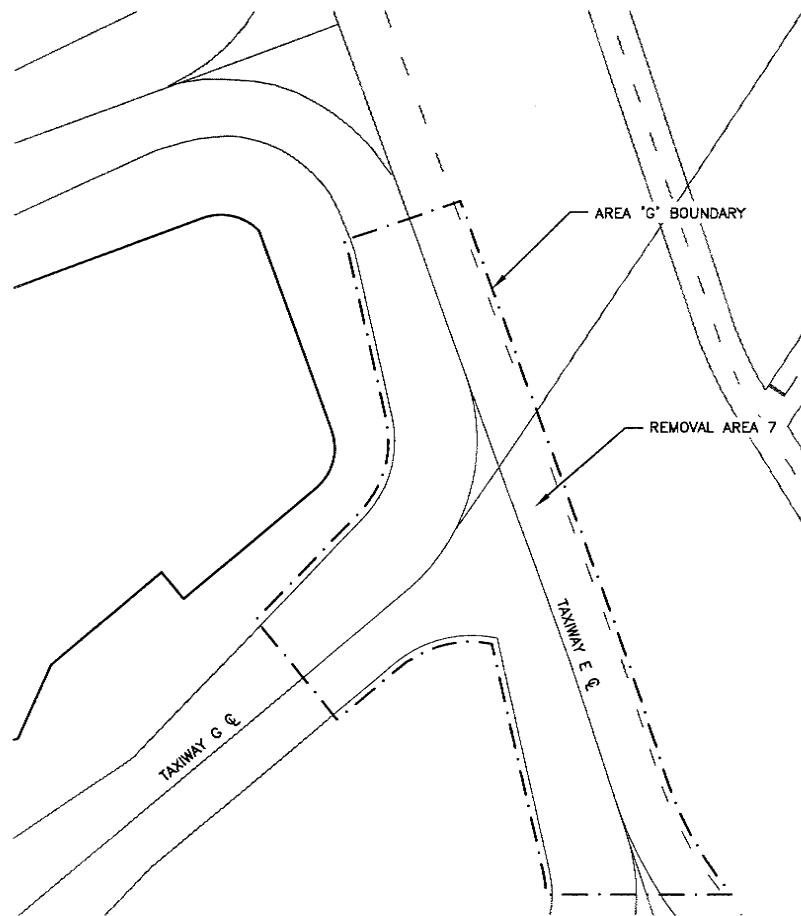
TED STEVENS ANCHORAGE
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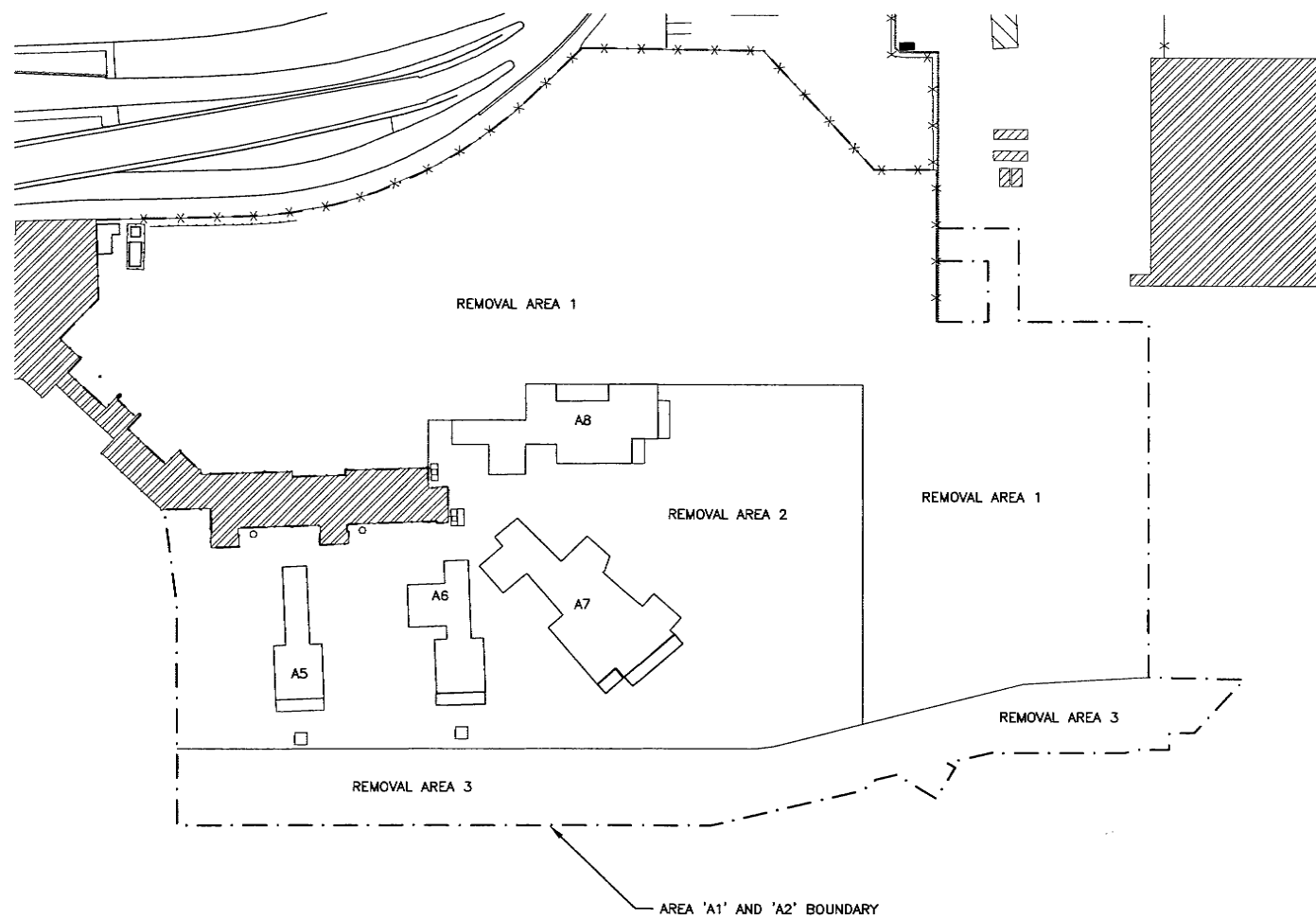
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Designed By: JH
Drawn By: JH
Checked By: JH



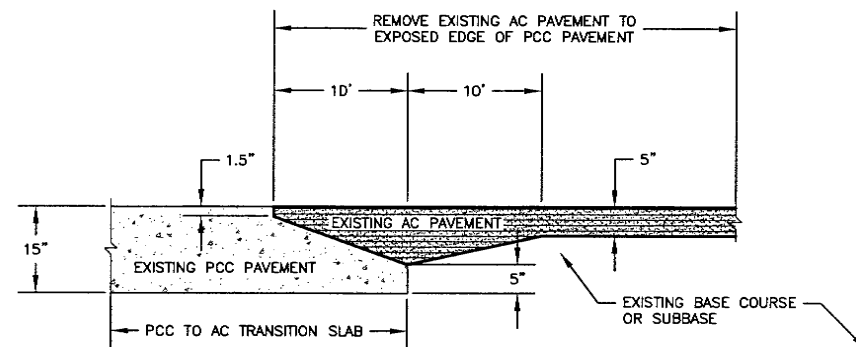
EXISTING PAVEMENT AREA B



EXISTING PAVEMENT AREA G



EXISTING PAVEMENT AREA A



SECTION A-A
PAVEMENT REMOVAL - PCC TO AC TRANSITION
NTS

EXISTING PAVEMENT APPROXIMATE THICKNESS		
PAVEMENT REMOVAL AREA No.	AREA	APPROX THICKNESS
ASPHALT	1	227,445 SF 3"
	2	114,368 SF 4"
	3	50,889 SF 6"
	4	3,326 SF 7.5"
	5	8,867 SF 5"
	6	25,928 SF 3"
	7	68,874 SF >6"
PCC	A5	3,574 SF 18"
	A6	5,033 SF 18"
	A7	10,952 SF 18"
	A8	8,114 SF 18"

75' 37.5' 0 75' 150'



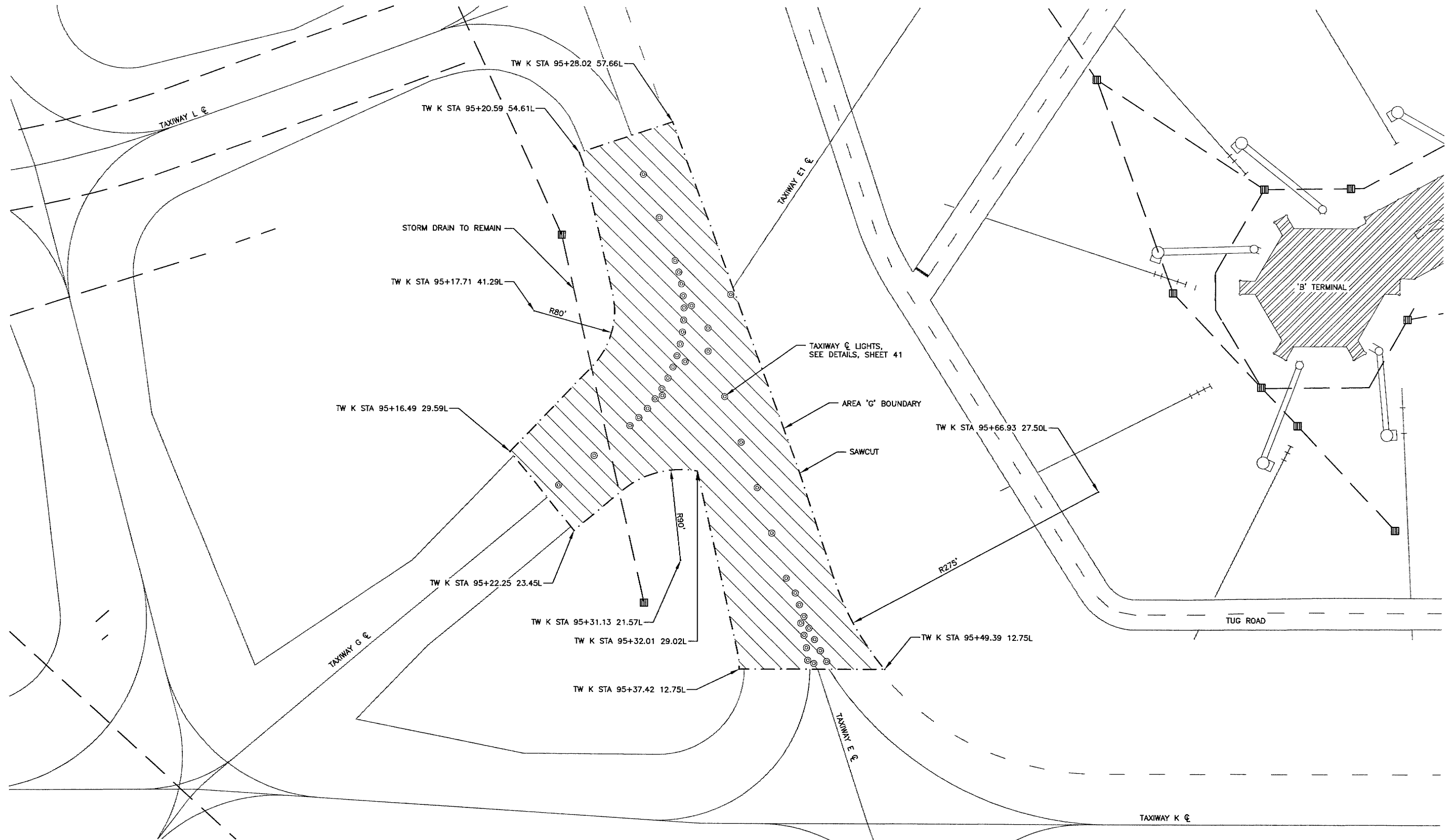
BY	DATE	REVISION

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PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
EXISTING PAVEMENT ASSUMPTIONS

DATE: 1/3/2011
SHEET: 10 OF 51
AS-BUILT SHEET:

Date Revised: 10/2/2011, 1:48 PM
Layout Name: Area G Demo & Layout
File Path and Name: W:\Projects\AA Ted Stevens\A Con Apron Reconstruction_56224\Final Drawings\Demolition Plan.dwg
Designed By: JH
Drawn By: JH
Checked By: JH



AREA G DEMOLITION AND LAYOUT PLAN



BY	DATE	REVISION

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PROJECT No. 56224
AIP No. 3-02-0016-XXX-2010
AREA G DEMOLITION & LAYOUT PLAN

DATE: 1/3/2011
SHEET: 11 OF 51
AS-BUILT SHEET:



1. LIMITS OF AREA A2 IN WHICH FULL TYPICAL SECTION APPLIES.
TRANSITION BETWEEN AREA A2 AND EXISTING/OTHER PAVEMENT AREAS
PER TYPICAL TRANSITION SECTIONS.

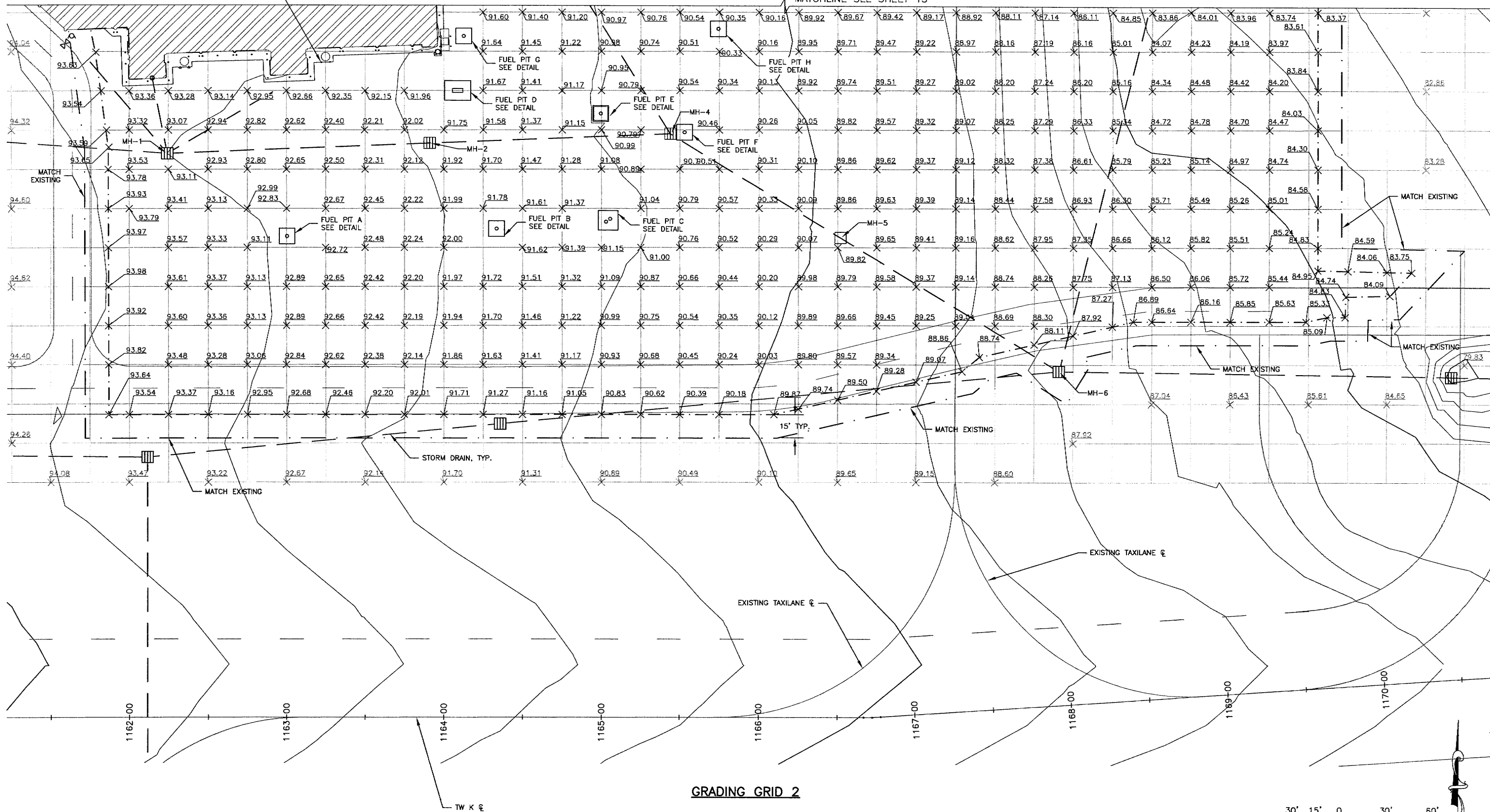
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DATE:	1/3/2011
SHEET:	12 OF 51
AS-BUILT SHEET	

MATCH BOLLARD PLAN ELEV., SEE SHEET 21

MATCHLINE SEE SHEET 13

Date Revised: 10/2/2011, 1:50 PM
Layout Name: Grading Grid A-2
File Path and Name: W:\Projects\AIA Ted Stevens\A. Con Apron Reconstruction_56224\Final Drawings\Grading_Plan.dwg
Designed By: JH
Drawn By: JH
Checked By: JH



GRADING GRID 2



BY	DATE	REVISION

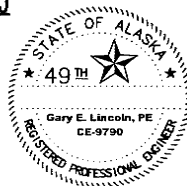
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AIP No. 3-02-0016-XXX-2011
AREA A1 AND A2 GRADING PLAN

DATE: 1/3/2011
SHEET: 14 OF 51
AS-BUILT SHEET:



1. SEE FUEL PIT SCHEDULE ON SHEET 16 FOR LOCATION AND ELEVATION INFORMATION.



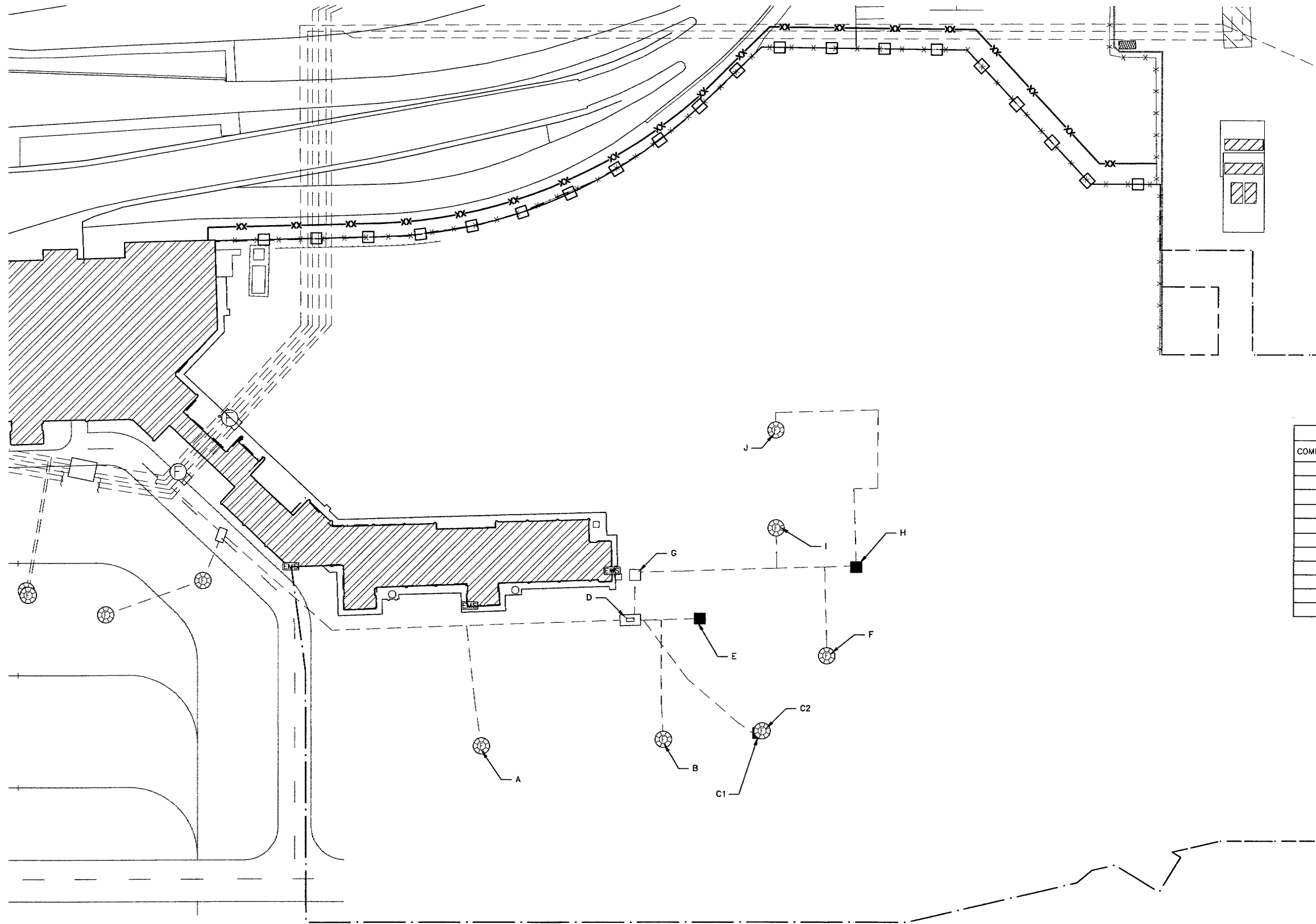
BY	DATE	REVISION

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PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
AREA A1 AND A2 GRADING PLAN

DATE: 1/3/2011
SHEET: 15 OF 51
S-BUILT SHEET:

Date Revised: 1/03/2011, 1:53 PM
Layout Name: Fuel Pit Layout
File Path and Name: W:\Projects\AIA Ted Stevens\A Con Apron Reconstruction_56224\Final Drawings\Apron Layout Plans.dwg
Designed By: ###
Drawn By: ###
Checked By: ###



FUEL SYSTEM COMPONENT LOCATION REFERENCE TABLE					
COMPONENT ID	DESCRIPTION	RIM ELEV.	TW K STATION	OFFSET	REMARKS
A	FUEL HYDRANT	92.96'	1163+00.32	307.70' LT	
B	FUEL HYDRANT	91.79'	1164+33.46	312.44' LT	
C1	LOW POINT DRAIN	91.22'	1165+02.93	316.88' LT	
C2	FUEL HYDRANT	91.22'	1165+05.66	318.65' LT	
D	VALVE BOX (SE CORNER)	91.80'	1164+11.94	399.16' LT	
E	LOW POINT DRAIN	91.05'	1164+59.94	401.13' LT	
F	FUEL HYDRANT	90.66'	1165+52.91	373.88' LT	
G	HIGH POINT VENT	91.85'	1164+12.70	432.94' LT	
H	LOW POINT DRAIN	90.46'	1165+74.32	438.87' LT	
I	FUEL HYDRANT	91.00'	1165+15.83	467.40' LT	
J	FUEL HYDRANT	90.83'	1165+15.69	539.07' LT	

FUEL PIT LAYOUT PLAN



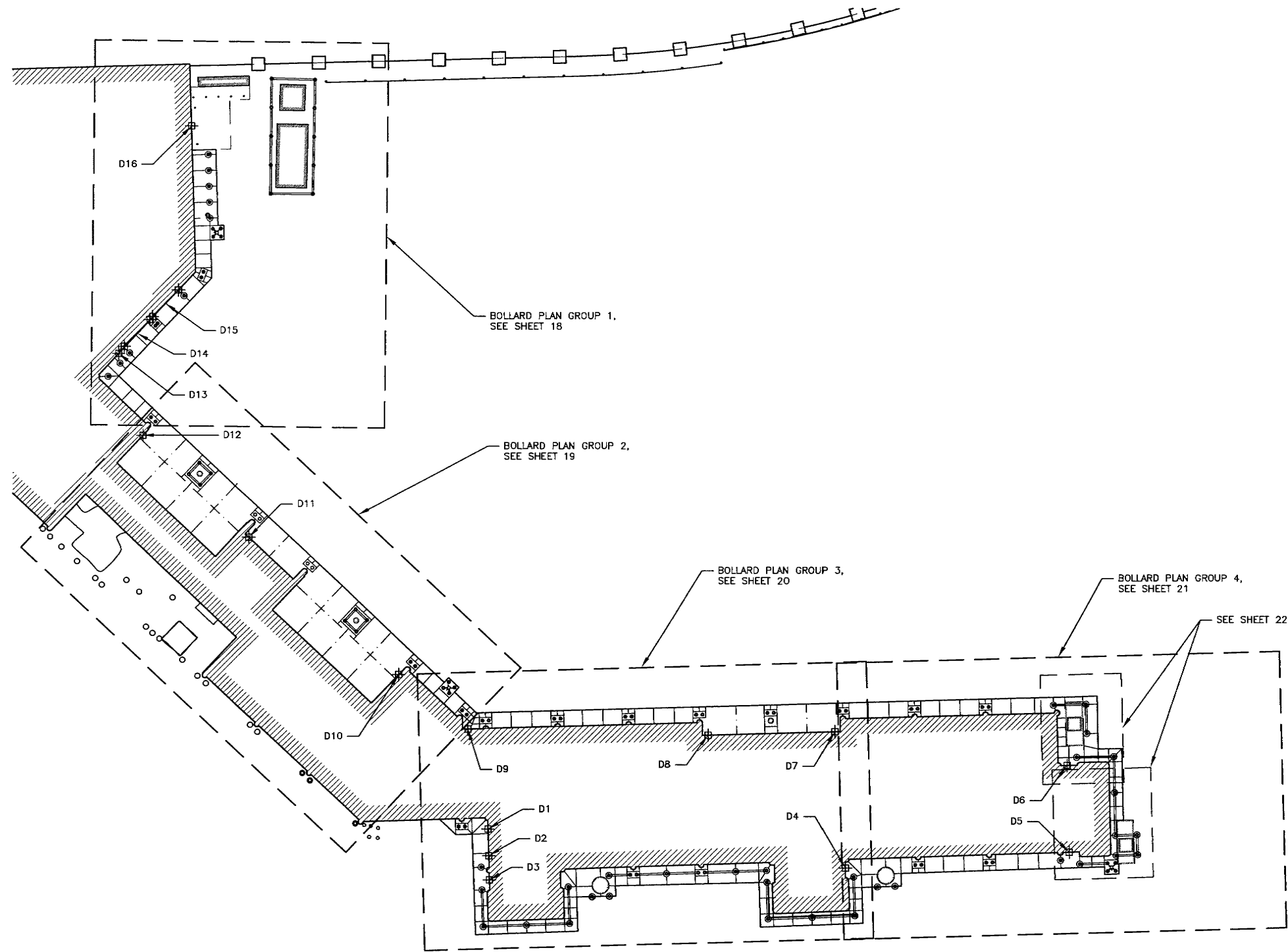
BY	DATE	REVISION

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AIP No. 3-02-0016-XXX-2011
FUEL PIT LAYOUT

DATE: 1/3/2011
SHEET: 16 OF 51
AS-BUILT SHEET:

Date Revised: 10/2/2011, 1:53 PM
Layout Name: Bollard Layout
File Path and Name: W:\Projects\AA Ted Stevens\A Con Apron Reconstruction_56224\Final Drawings\Bollard Plan.dwg
Designed By: ###
Drawn By: ###
Checked By: ###



BOLLARD PLAN OVERVIEW



NOTES
1. ISOLATE ALL BOLLARDS FROM BUILDING FOUNDATION PER DETAILS.



DOOR THRESHOLD TABLE			
DOOR	TYPE	TAXIWAY K STA/OFF	ELEVATION
D1	SINGLE MAN DOOR	1161+99.84 436.90L	93.82
D2	DOUBLE MAN DOOR	1162+00.08 428.40L	93.74
D3	SINGLE MAN DOOR	1162+00.27 420.71L	93.60
D4	SINGLE MAN DOOR	1163+12.39 424.40L	92.75
D5	SINGLE MAN DOOR	1163+82.89 429.41L	92.03
D6	SINGLE MAN DOOR	1163+82.21 456.94L	92.06
D7	SINGLE MAN DOOR	1163+09.07 467.69L	92.75
D8	SINGLE MAN DOOR	1162+69.20 466.64L	92.80
D9	SINGLE MAN DOOR	1161+93.47 468.65L	93.25
D10	SINGLE MAN DOOR	1161+71.67 485.90L	93.61
D11	ROLL UP DOOR	1161+24.55 529.33L	94.35
D12	SINGLE MAN DOOR	1160+91.20 561.71L	94.42
D13	SINGLE MAN DOOR	1160+83.48 587.72L	94.30
D14	GARAGE DOOR	1160+89.42 594.19L	94.29
D15	GARAGE DOOR	1160+98.39 603.55L	94.32
D16	GARAGE DOOR	1161+06.67 659.50L	94.42



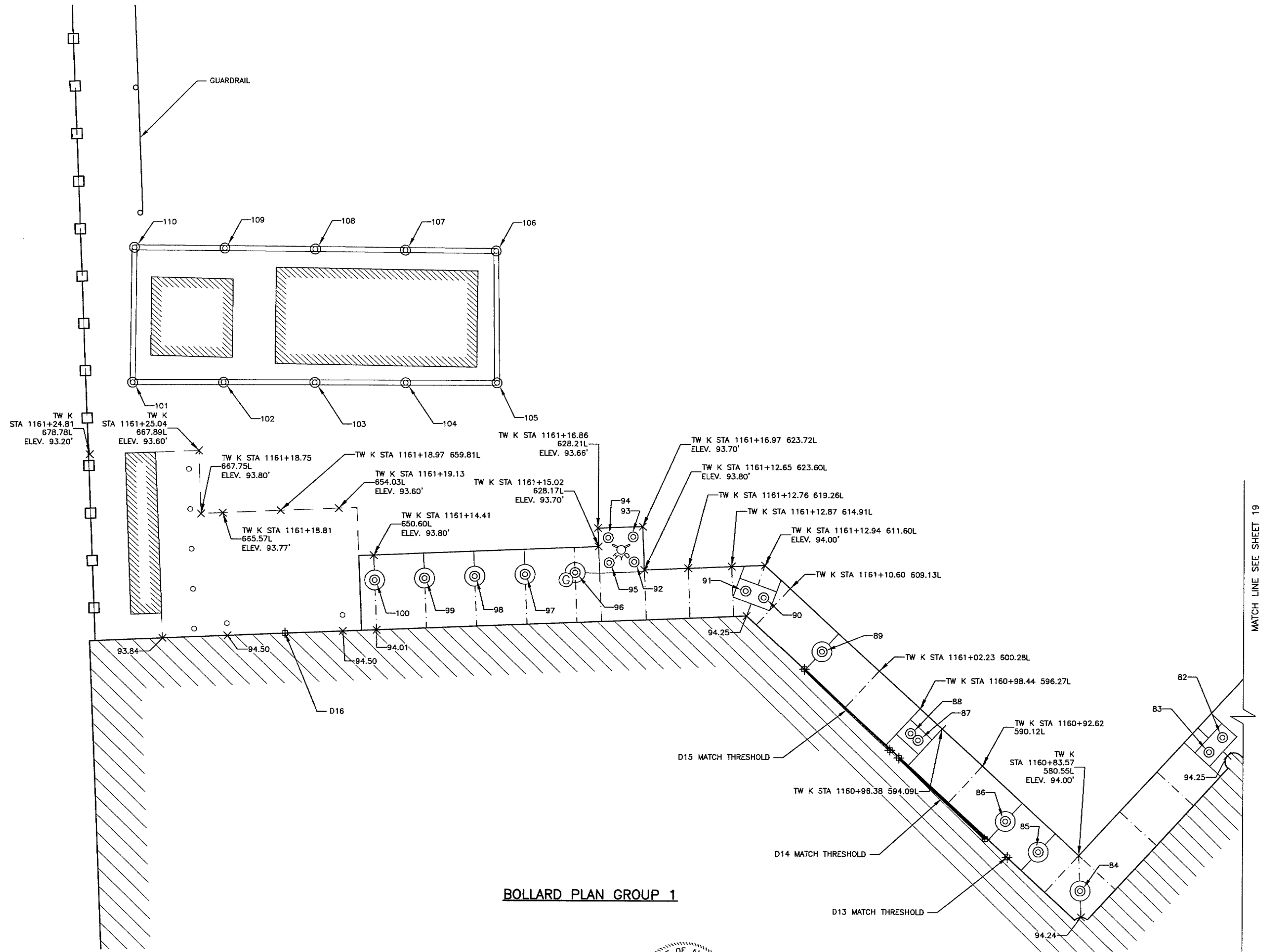
BY	DATE	REVISION

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PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
BOLLARD PLAN

DATE: 1/4/2011
SHEET: 17 OF 51
AS-BUILT SHEET:

Date Revised: 10/2/2011 1:53 PM
Layout Name: Group 1
File Path and Name: W:\Projects\AIA Ted Stevens A Con Apron Reconstruction\56224\Final Drawings\Bollard Plan.dwg
Designed By: JH
Drawn By: JH
Checked By: JH



BOLLARD PLAN GROUP 1

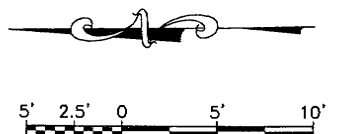


BY	DATE	REVISION

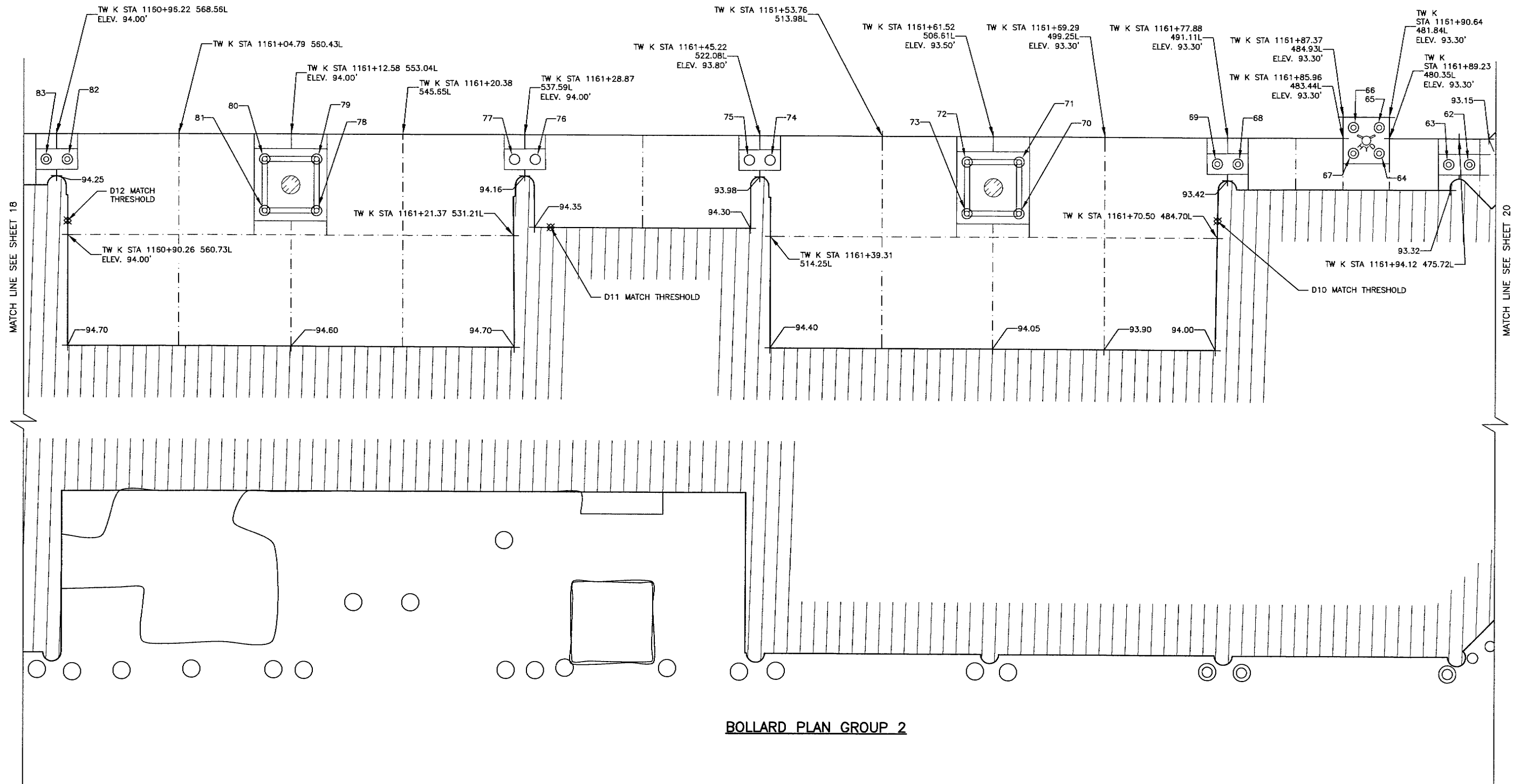
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PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
BOLLARD PLAN

DATE: 1/4/2011
SHEET: 18 OF 51
AS-BUILT SHEET:



Date Recheck: 04/2011 1:53 PM
Layout Name: Group 2
File Path and Name: W:\Projects\AIA Ted Stevens A. Con Apron Reconstruction_56224\Final Drawings\Bollard Plan.dwg
Designed By: JH
Drawn By: JH
Checked By: JH



BOLLARD PLAN GROUP 2



BY	DATE	REVISION

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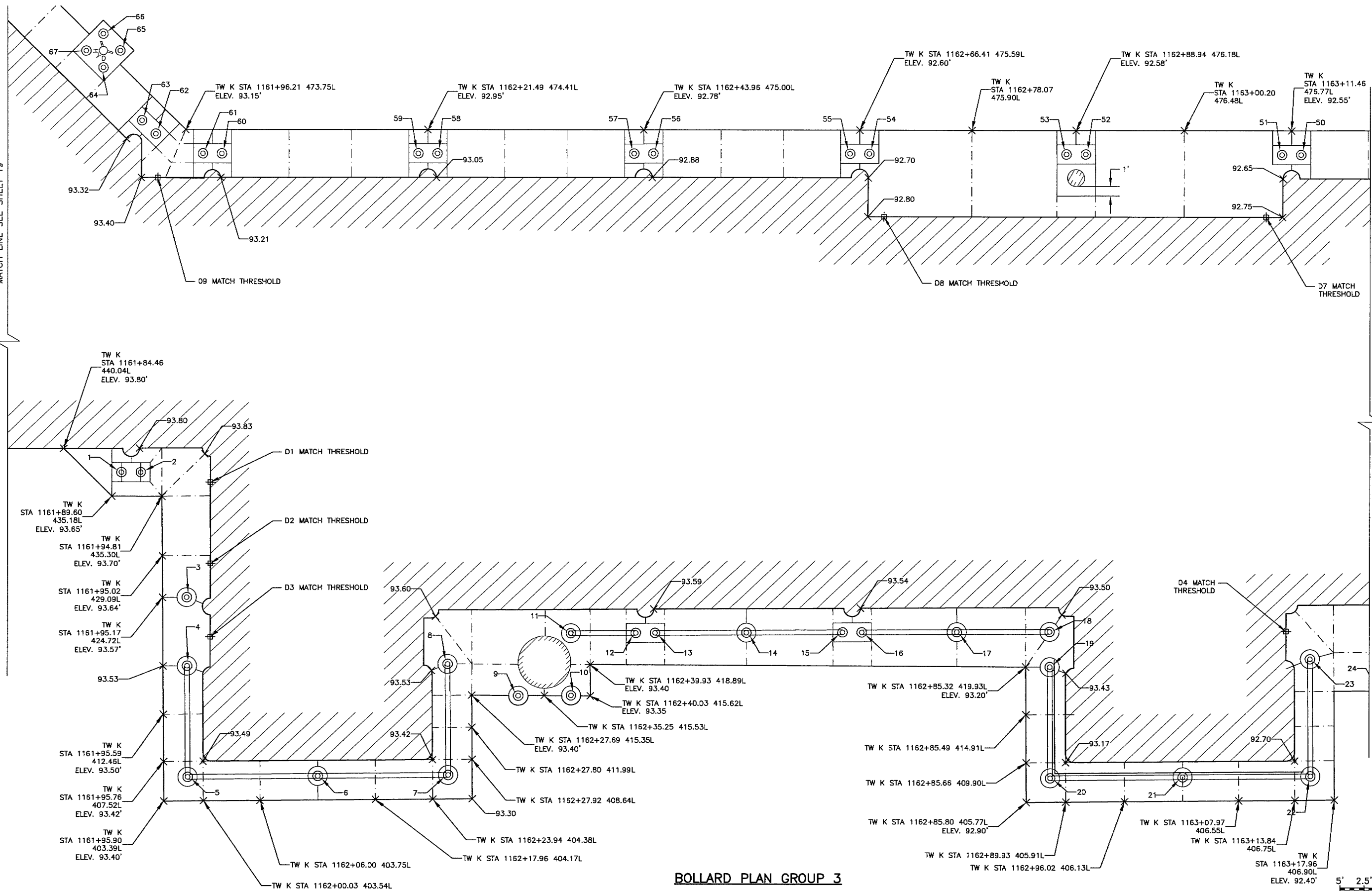
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PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
BOLLARD PLAN

DATE: 1/4/2011
SHEET: 19 OF 51
AS-BUILT SHEET:

Date Revised: 10/20/11 1:53 PM
Layout Name: Group 3
File Path and Name: W:\Projects\AA Ted Stevens A Con Apron Reconstruction 56224\Final Drawings\Bollard Plan.dwg
Designed By: JH
Drawn By: JH
Checked By: JH

MATCH LINE SEE SHEET 19

MATCH LINE SEE SHEET 21



BOLLARD PLAN GROUP 3



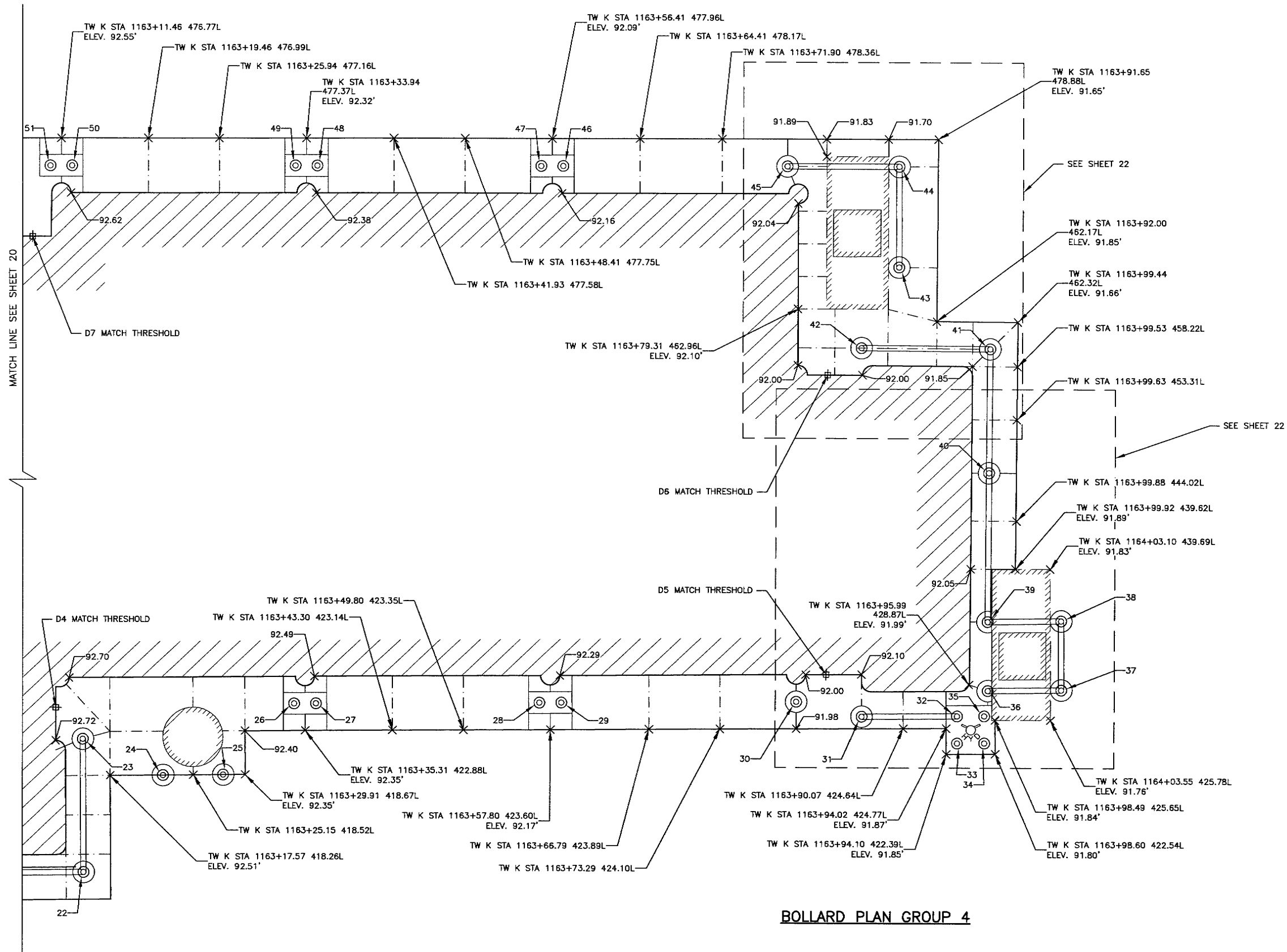
BY	DATE	REVISION

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PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
BOLLARD PLAN

DATE: 1/4/2011
SHEET: 20 OF 51
AS-BUILT SHEET:

Date Revised: 10/02/2011 1:53 PM
Group: 4
Layout Name: W:\Projects\AA Ted Stevens A Con Apron Reconstruction 56224\Final Drawings\Bollard Plan.dwg
File Path and Name: W:\Projects\AA Ted Stevens A Con Apron Reconstruction 56224\Final Drawings\Bollard Plan.dwg
Designed By: ###
Drawn By: ###
Checked By: ###



BOLLARD PLAN GROUP 4



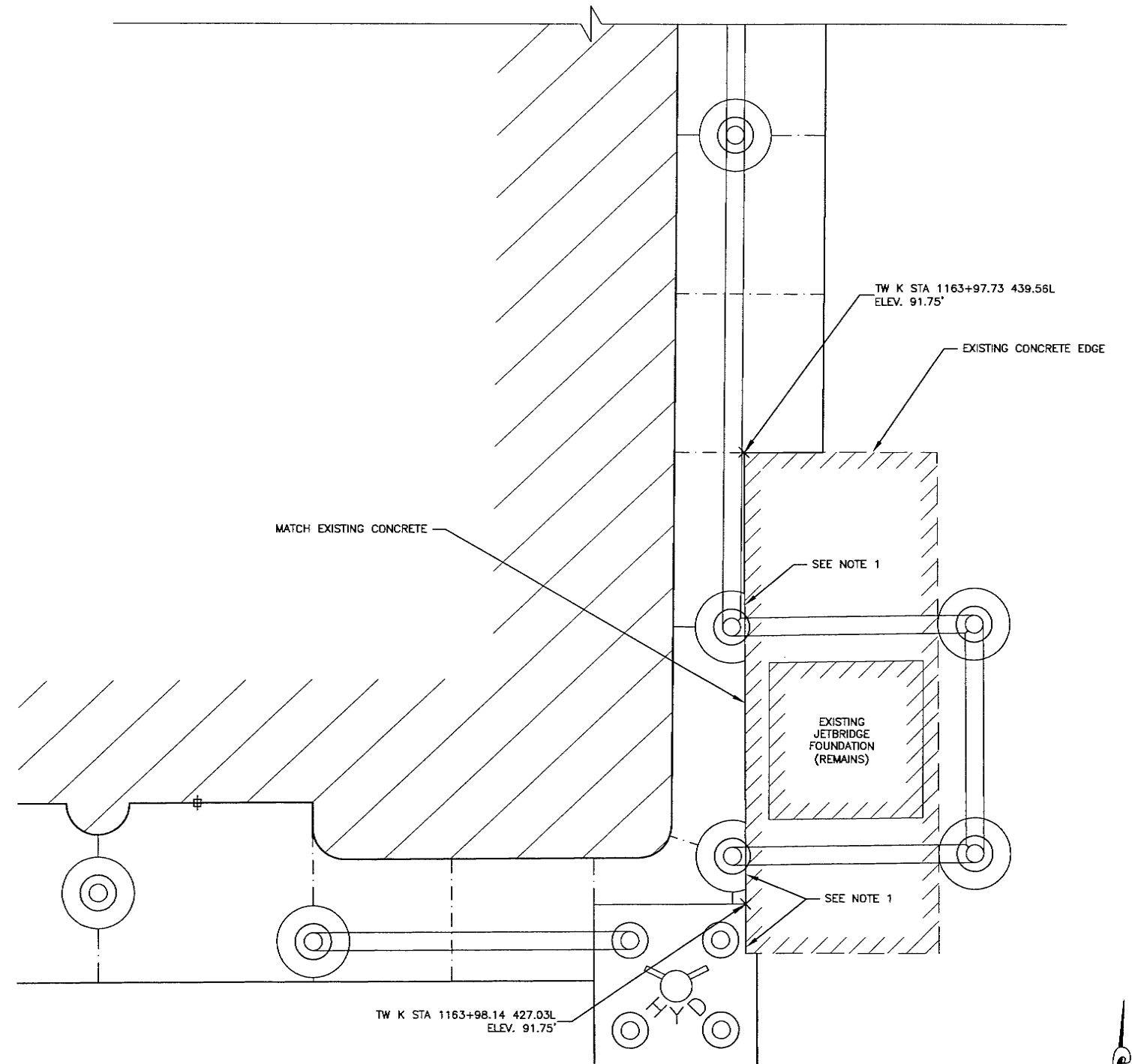
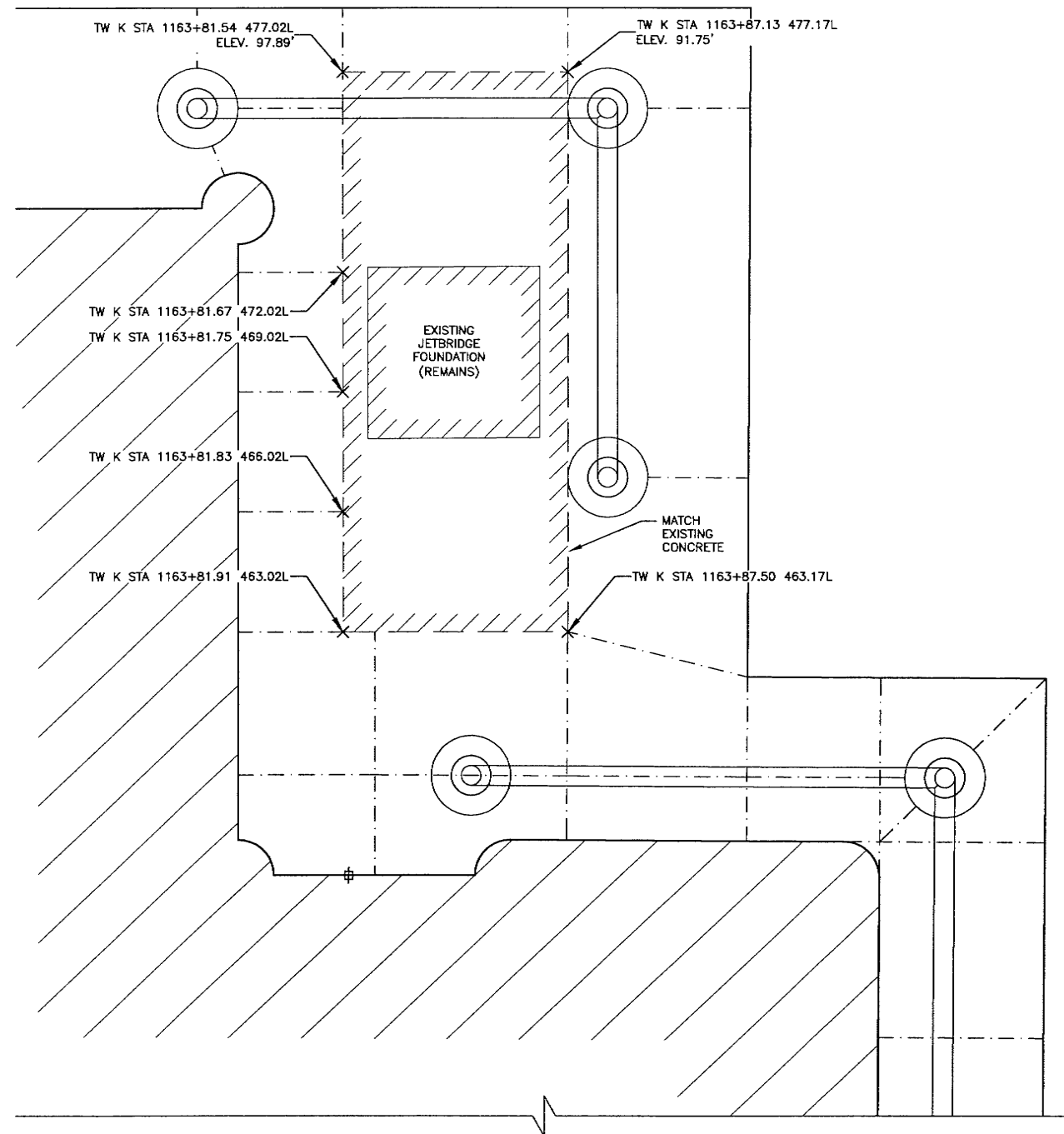
BY	DATE	REVISION

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PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
BOLLARD PLAN

DATE: 1/4/2011
SHEET: 21 OF 51
AS-BUILT SHEET:

Date Revised: 10/2/2011, 1:53 PM
Layout Name: Close Up
File Path and Name: W:\Projects\AA Ted Stevens A Con Apron Reconstruction 56224\Final Drawings\Bollard Plan.dwg
Designed By: JH
Drawn By: JH
Checked By: JH



NOTES

1. EXISTING JET BRIDGE FOUNDATION CONCRETE TO REMAIN.



BOLLARD PLAN INSET



BY	DATE	REVISION

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PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
BOLLARD PLAN

DATE: 1/4/2011
SHEET: 22 OF 51
AS-BUILT SHEET:

04/2011 1:53 PM
Bollard Tables
W:\Projects\AIA Ted Stevens\A. Con Apron Reconstruction_56224\Final Drawings\Bollard Plan.dwg

Designed By: ###
Drawn By: ###
Checked By: ###

BOLLARD LAYOUT TABLE		
IDENTIFIER	LOCATION	REMARKS
1	TW K STA 1161+90.53 437.71 L	Replace
2	TW K STA 1161+92.53 437.77 L	Replace
3	TW K STA 1161+97.68 424.80 L	Replace
4	TW K STA 1161+97.91 417.61 L	Replace
5	TW K STA 1161+98.31 405.98 L	Replace
6	TW K STA 1162+11.89 406.45 L	Replace
7	TW K STA 1162+25.47 406.93 L	Replace
8	TW K STA 1162+25.08 418.56 L	Replace
9	TW K STA 1162+32.53 415.44 L	Replace
10	TW K STA 1162+38.02 415.62 L	Replace
11	TW K STA 1162+37.82 422.14 L	Replace
12	TW K STA 1162+44.61 422.35 L	Replace
13	TW K STA 1162+46.61 422.41 L	Replace
14	TW K STA 1162+56.05 422.70 L	Replace
15	TW K STA 1162+66.12 423.02 L	Replace
16	TW K STA 1162+68.12 423.08 L	Replace
17	TW K STA 1162+78.01 423.38 L	Replace
18	TW K STA 1162+87.69 423.68 L	Replace
19	TW K STA 1162+87.82 419.99 L	Replace
20	TW K STA 1162+88.21 408.35 L	Replace
21	TW K STA 1163+02.02 408.84 L	Replace
22	TW K STA 1163+15.37 409.31 L	Replace
23	TW K STA 1163+14.96 421.56 L	Replace
24	TW K STA 1163+22.41 418.42 L	Replace
25	TW K STA 1163+27.90 418.61 L	Replace
26	TW K STA 1163+34.23 425.35 L	Replace
27	TW K STA 1163+36.22 425.41 L	Replace
28	TW K STA 1163+56.72 426.07 L	Replace
29	TW K STA 1163+58.72 426.14 L	Replace
30	TW K STA 1163+80.21 426.83 L	Replace
31	TW K STA 1163+86.21 425.64 L	Replace
32	TW K STA 1163+94.98 425.92 L	Replace
33	TW K STA 1163+95.06 423.42 L	Replace
34	TW K STA 1163+97.56 423.50 L	Replace
35	TW K STA 1163+97.48 426.00 L	Replace
36	TW K STA 1163+97.73 428.35 L	Replace
37	TW K STA 1164+04.46 428.60 L	Replace
38	TW K STA 1164+04.25 434.96 L	Replace
39	TW K STA 1163+97.52 434.70 L	Replace
40	TW K STA 1163+97.24 448.36 L	Replace
41	TW K STA 1163+97.00 459.77 L	Replace

BOLLARD LAYOUT TABLE		
IDENTIFIER	LOCATION	REMARKS
42	TW K STA 1163+85.19 459.52 L	Replace
43	TW K STA 1163+88.40 467.06 L	Replace
44	TW K STA 1163+88.15 476.29 L	Replace
45	TW K STA 1163+77.96 476.02 L	Replace
46	TW K STA 1163+57.48 475.48 L	Replace
47	TW K STA 1163+55.48 475.43 L	Replace
48	TW K STA 1163+35.00 474.89 L	Replace
49	TW K STA 1163+33.00 474.83 L	Replace
50	TW K STA 1163+12.53 474.29 L	Replace
51	TW K STA 1163+10.53 474.24 L	Replace
52	TW K STA 1162+90.00 473.72 L	Replace
53	TW K STA 1162+88.00 473.67 L	Replace
54	TW K STA 1162+67.47 473.16 L	Replace
55	TW K STA 1162+65.47 473.11 L	Replace
56	TW K STA 1162+45.03 472.56 L	Replace
57	TW K STA 1162+43.03 472.50 L	Replace
58	TW K STA 1162+22.55 471.95 L	Replace
59	TW K STA 1162+20.55 471.90 L	Replace
60	TW K STA 1162+00.08 471.35 L	Replace
61	TW K STA 1161+98.08 471.30 L	Replace
62	TW K STA 1161+93.14 473.21 L	Replace
63	TW K STA 1161+91.68 474.58 L	Replace
64	TW K STA 1161+87.51 479.98 L	Replace
65	TW K STA 1161+89.23 481.80 L	Replace
66	TW K STA 1161+87.41 483.52 L	Replace
67	TW K STA 1161+85.69 481.70 L	Replace
68	TW K STA 1161+76.88 488.58 L	Replace
69	TW K STA 1161+75.43 489.96 L	Replace
70	TW K STA 1161+58.21 499.49 L	Replace
71	TW K STA 1161+61.65 503.12 L	Replace
72	TW K STA 1161+58.01 506.56 L	Replace
73	TW K STA 1161+54.58 502.92 L	Replace
74	TW K STA 1161+44.32 519.67 L	Replace
75	TW K STA 1161+42.87 521.04 L	Replace
76	TW K STA 1161+27.96 535.16 L	Replace
77	TW K STA 1161+26.50 536.53 L	Replace
78	TW K STA 1161+09.25 545.95 L	Replace
79	TW K STA 1161+12.69 549.59 L	Replace
80	TW K STA 1161+09.05 553.02 L	Replace
81	TW K STA 1161+05.62 549.39 L	Replace
82	TW K STA 1160+95.25 566.07 L	Replace

BOLLARD LAYOUT TABLE		
IDENTIFIER	LOCATION	REMARKS
83	TW K STA 1160+93.79 567.44 L	Replace
84	TW K STA 1160+80.04 580.46 L	Replace
85	TW K STA 1160+83.97 584.61 L	Replace
86	TW K STA 1160+87.06 587.87 L	Replace
87	TW K STA 1160+95.26 596.52 L	Replace
88	TW K STA 1160+95.95 597.25 L	Replace
89	TW K STA 1161+04.23 605.99 L	Replace
90	TW K STA 1161+09.71 611.77 L	Replace
91	TW K STA 1161+10.39 613.55 L	Replace
92	TW K STA 1161+13.44 624.62 L	Replace
93	TW K STA 1161+15.94 624.69 L	Replace
94	TW K STA 1161+15.87 627.19 L	Replace
95	TW K STA 1161+13.37 627.12 L	Replace
96	TW K STA 1161+12.44 630.54 L	Replace
97	TW K STA 1161+12.31 635.54 L	Replace
98	TW K STA 1161+12.17 640.54 L	Replace
99	TW K STA 1161+12.04 645.53 L	Replace
100	TW K STA 1161+11.91 650.53 L	Replace
101	TW K STA 1161+31.98 674.42 L	New
102	TW K STA 1161+31.85 665.34 L	New
103	TW K STA 1161+31.73 656.26 L	New
104	TW K STA 1161+31.60 647.19 L	New
105	TW K STA 1161+31.48 638.11 L	New
106	TW K STA 1161+44.71 638.03 L	New
107	TW K STA 1161+44.91 647.04 L	New
108	TW K STA 1161+45.11 656.05 L	New
109	TW K STA 1161+45.31 665.05 L	New
110	TW K STA 1161+45.52 674.06 L	New



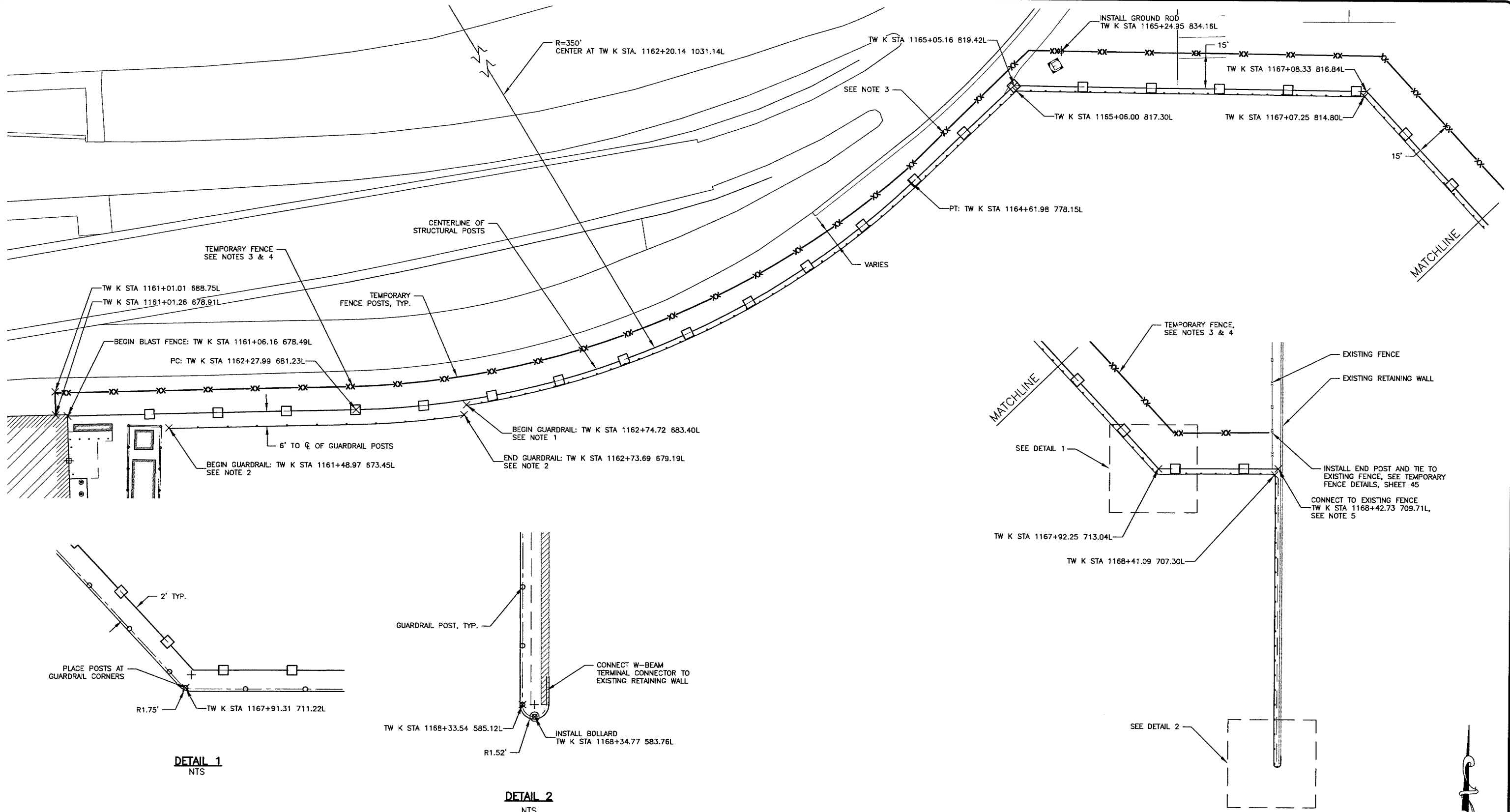
BY	DATE	REVISION

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PROJECT No. 56224
AIP No. 3-02-0016-XXX-2010
BOLLARD TABLES

DATE:
1/4/2011
SHEET:
23 OF 51
AS-BUILT SHEET:

00/2011 1:54 PM
Date Revised: 1/4/2011
Layout Name: Fence Layout
File Path and Name: W:\Projects\AA Ted Stevens A Con Apron Reconstruction_5622A\Final Drawings\Fence Plan.dwg
Designed By: JH
Drawn By: JH
Checked By: JH



NOTES

1. CONSTRUCT GUARDRAIL PER STANDARD DRAWINGS G-00.01 AND G-04.06S EXCEPT DO NOT USE THE WOOD POST BLOCK IN THE ASSEMBLY DETAIL. PLACE GUARDRAIL POSTS AT A STANDARD SPACING OF 12'6" ON CENTER, EXCEPT THAT ADDITIONAL POSTS WILL BE SET AT THE POINTS SHOWN AT GUARDRAIL CORNERS.
2. PLACE STANDARD W-BEAM END SECTIONS AT ALL GUARDRAIL ENDS NOT TERMINATING AT A STRUCTURE, SEE STANDARD DRAWINGS G-00.01 AND G-04.06S.
3. ALIGN TEMPORARY FENCE WITH INSIDE EDGE OF SIDEWALK TO MAINTAIN 36" MIN. CLEAR PATH ALONG SIDEWALK.
4. WHERE USE OF TYPICAL PANEL SUPPORTS IS NOT FEASIBLE, INSTALL TEMPORARY FENCE POLE, SEE TEMPORARY FENCE DETAILS, SHEET 45.
5. INSTALL NEW 3" DIA. FENCE POST AT END OF BLAST FENCE. CONNECT TO EXISTING FENCE USING STANDARD MANUFACTURER'S HARDWARE, OR TIE EXISTING FENCE DIRECTLY TO BLAST FENCE END POST. MAXIMUM ALLOWABLE GAP BETWEEN POSTS IS 2".



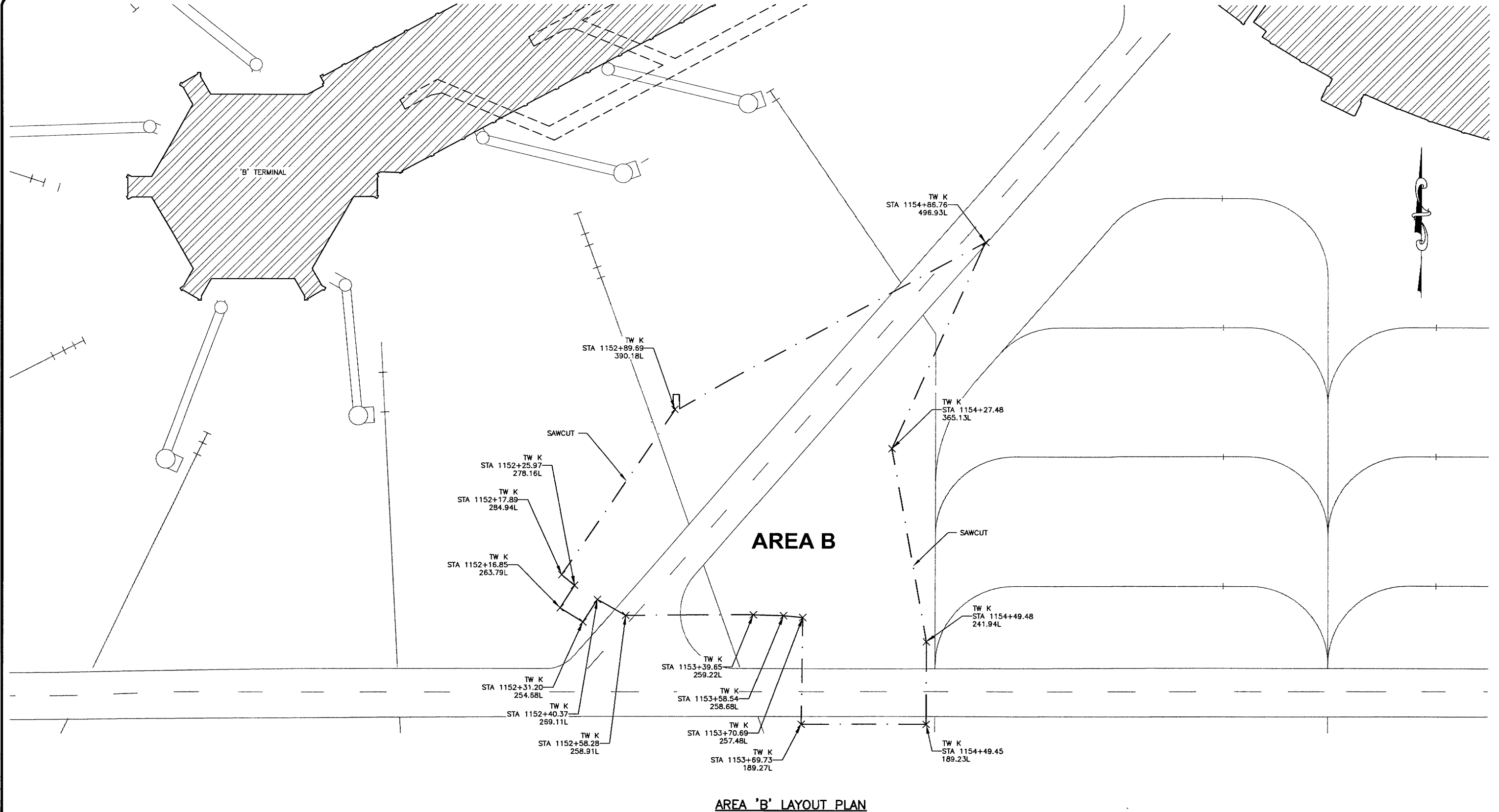
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PROJECT No. 5622A
AIP No. 3-02-0016-XXX-2011
FENCE & GUARDRAIL LAYOUT PLAN

DATE: 1/4/2011
SHEET: 24 OF 51
AS-BUILT SHEET:

Date Revised: 1/04/2011, 1:55 PM
Layout Name: Apron Layout Area B
File Path and Name: W:\Projects\AA Ted Stevens\A Con Apron Reconstruction_56224\Final Drawings\Apron Layout Plans.dwg
Designed By: JH
Drawn By: JH
Checked By: JH



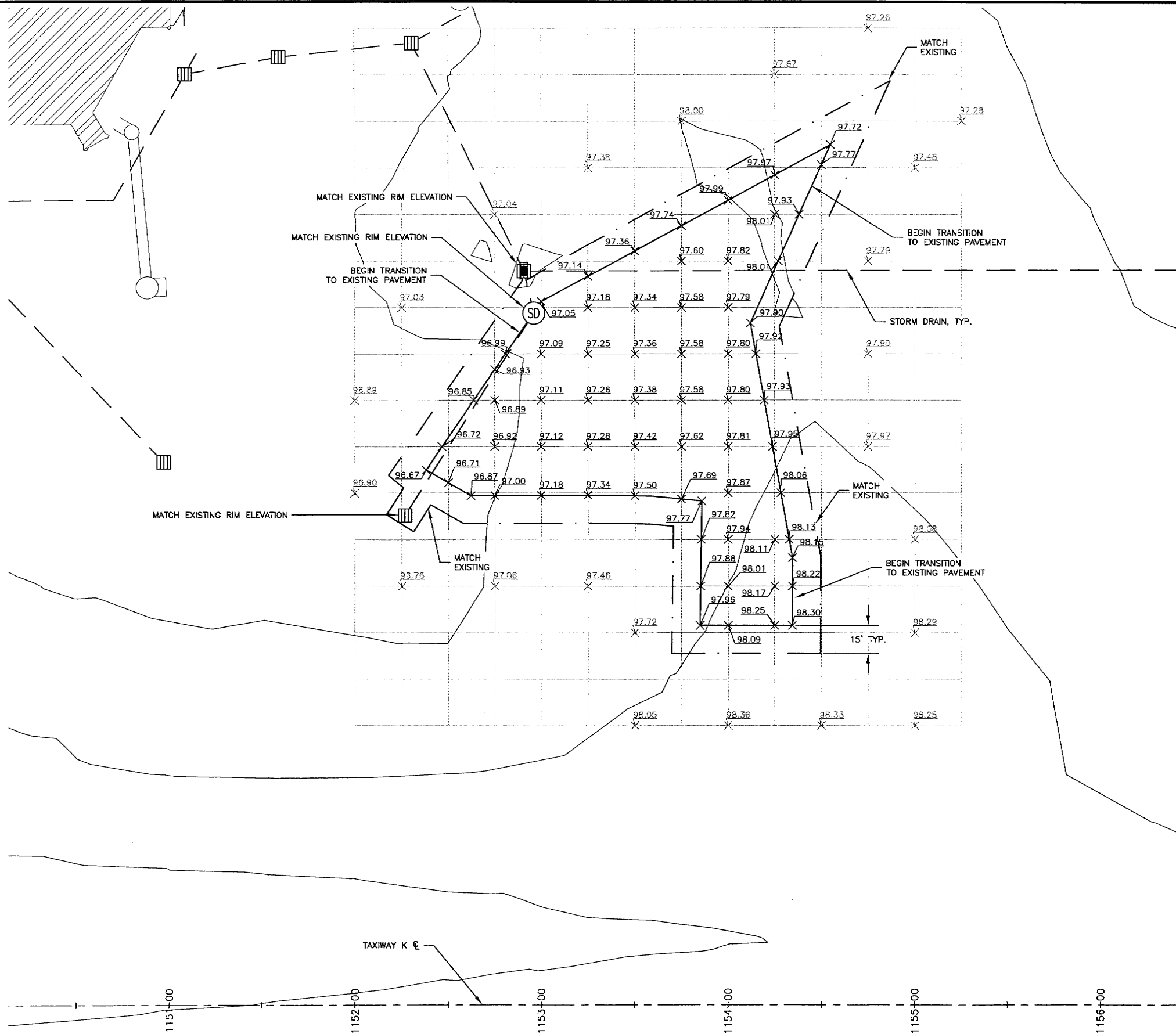
BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
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CENTRAL REGION

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
CONCOURSE A APRON RECONSTRUCTION
PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
AREA B LAYOUT PLAN

DATE: 1/3/2011
SHEET: 25 OF 51
AS-BUILT SHEET:

Date Revised: 10/2/2011, 1:56 PM
Layout Name: Grading Grid B
File Path and Name: W:\Projects\AA Ted Stevens\A Con Apron Reconstruction_56224\Final Drawings\Grading Plan.dwg
Designed By: ###
Drawn By: ###
Checked By: ###



NOTES

1. THE BASIS OF THE HORIZONTAL SPOT ELEVATION GRID IS 25' INCREMENTS PARALLEL TO THE TAXIWAY K CENTERLINE AT STATION 1161+00. THE VERTICAL GRID LINES ARE PERPENDICULAR TO THE TAXIWAY K CENTERLINE IN 25' INCREMENTS STARTING PERPENDICULAR TO STATION 1161+00.

GRADING GRID B



BY	DATE	REVISION

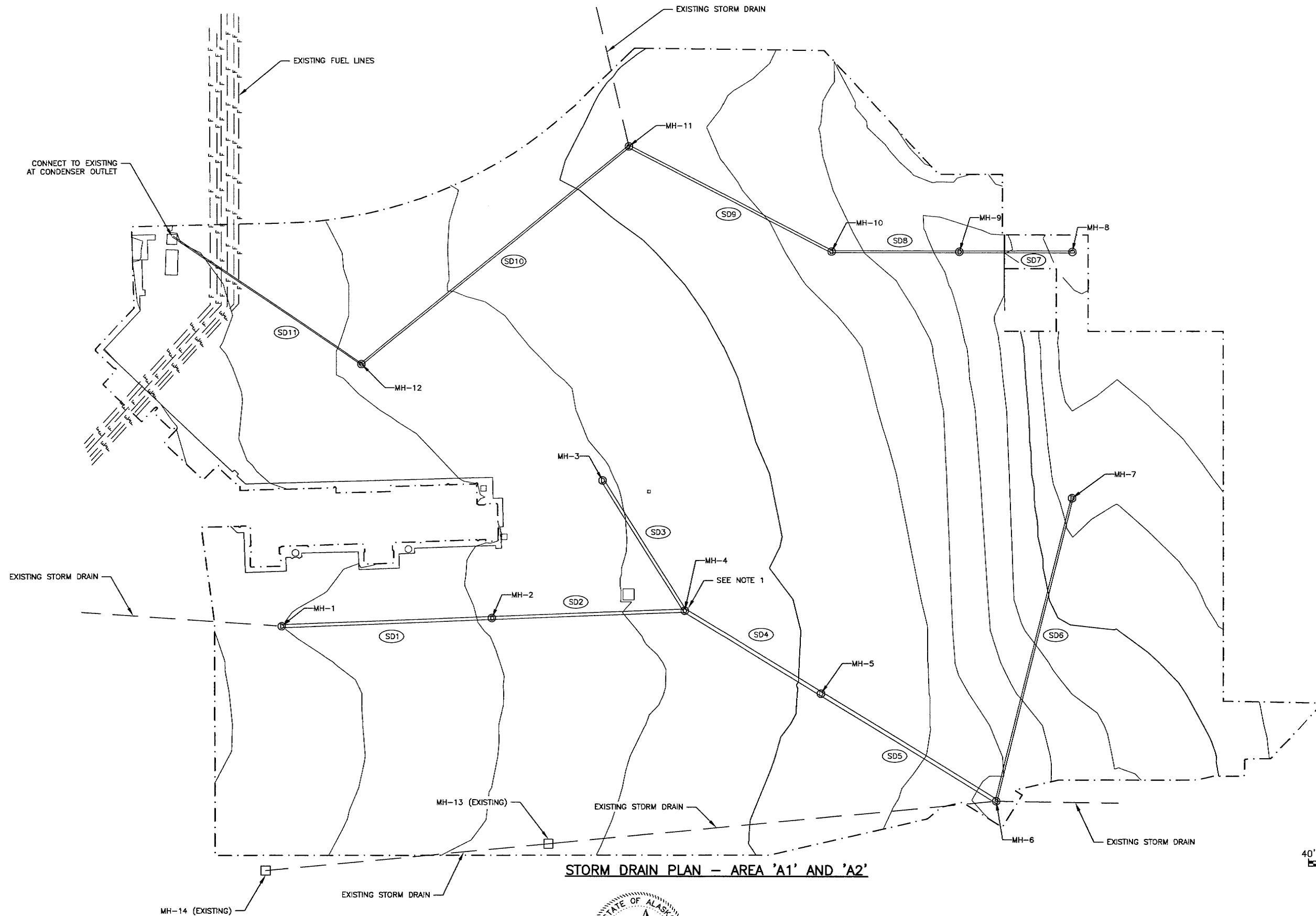
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
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CONCOURSE A APRON RECONSTRUCTION
PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
AREA B GRADING PLAN

DATE: 1/3/2011
SHEET: 26 OF 51
AS-BUILT SHEET:



Date Revisd:	10/02/2011, 1:55 PM	Designed By:	###
Layout Name:	Storm Drain Plan A	Drawn By:	###
File Path and Name:	W:\Projects\MA Ted Stevens\A Con Apron Reconstruction_56224\Final Drawings\Drainage Plan.dwg	Checked By:	###



NOTES

1. POSITION MANHOLE TO ALLOW FOR MAXIMUM SEPARATION OF HOLES FOR SD2 AND SD3.



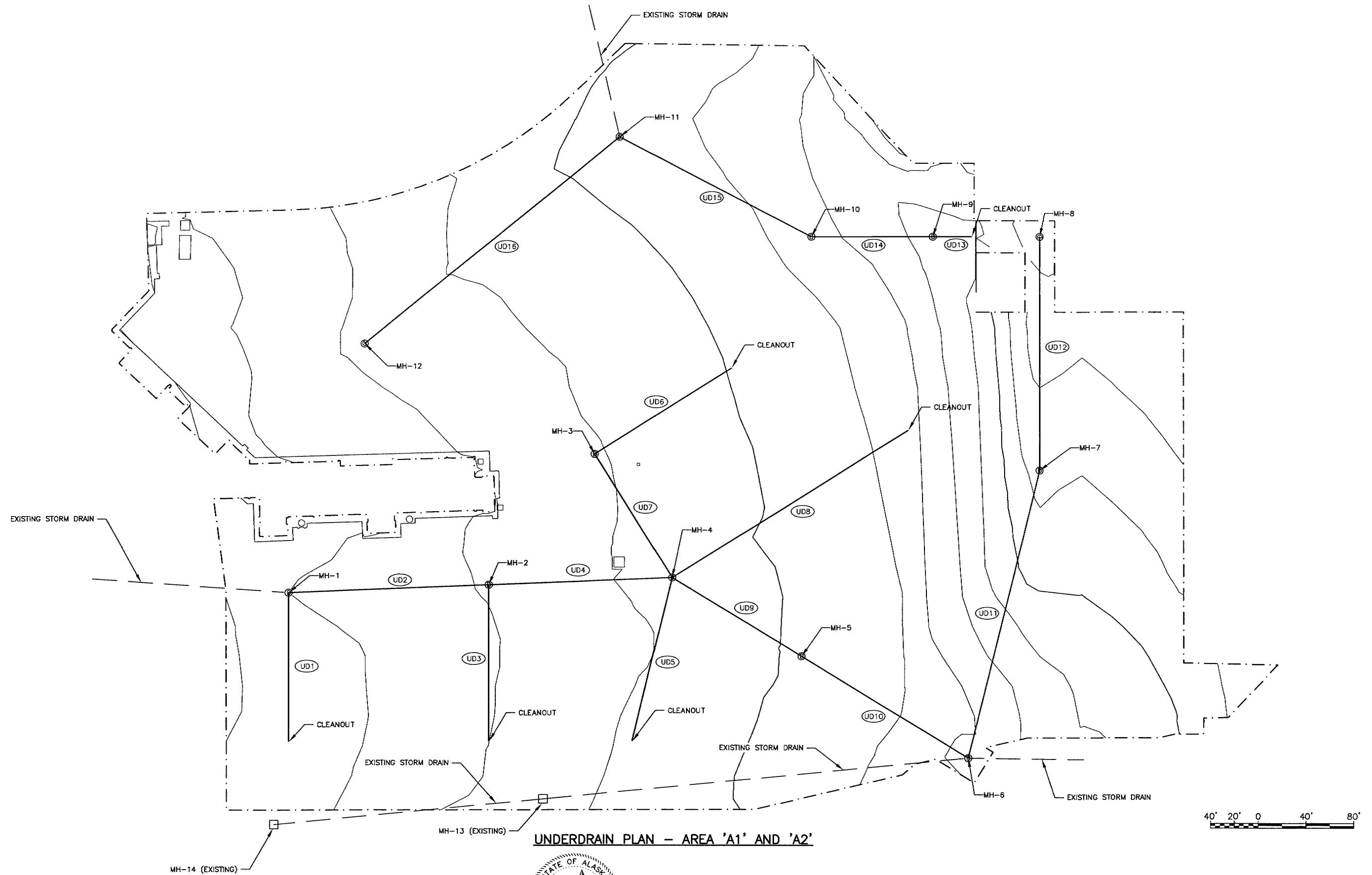
BY	DATE	REVISION

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ANCHORAGE, ALASKA
CONCOURSE A APRON RECONSTRUCTION
PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
DRAINAGE PLAN

DATE:	1/3/2011
SHEET:	27 OF 51
AS-BUILT SHEET:	

Date Revised: 10/2/2011, 1:55 PM
Layout Name: Plan - Underdrain A
File Path and Name: W:\Projects\AAA Ted Stevens\A Con Apron Reconstruction_56224\Final Drawings\Drainage Plan.dwg
Designed By: ##
Drawn By: ##
Checked By: ##



UNDERDRAIN PLAN - AREA 'A1' AND 'A2'



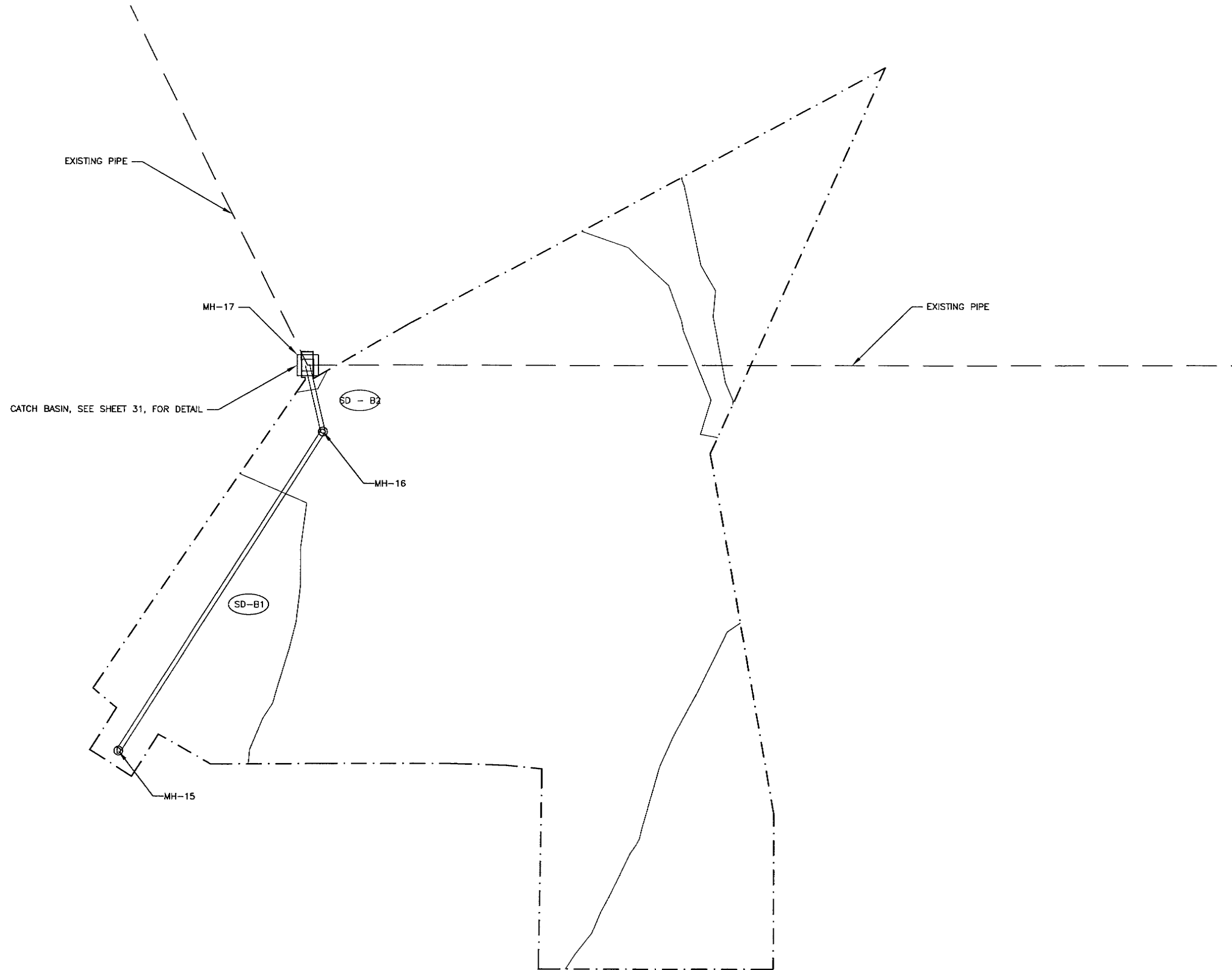
BY	DATE	REVISION

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PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
DRAINAGE PLAN

DATE: 1/3/2011
SHEET: 28 OF 51
AS-BUILT SHEET:

Date Revised:	1/3/2011, 1:55 PM	Designed By:	##
Layout Name:	Storm Drain Plan_B	Drawn By:	##
File Path and Name:	W:\Projects\AA Ted Stevens A Con Apron Reconstruction_56224\Final Drawings\Drainage Plan.dwg	Checked By:	##



STORM DRAIN PLAN – AREA 'B'



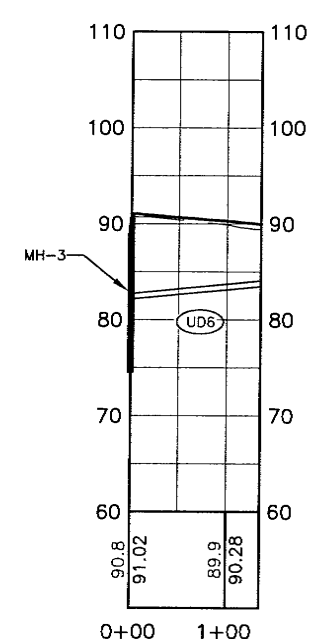
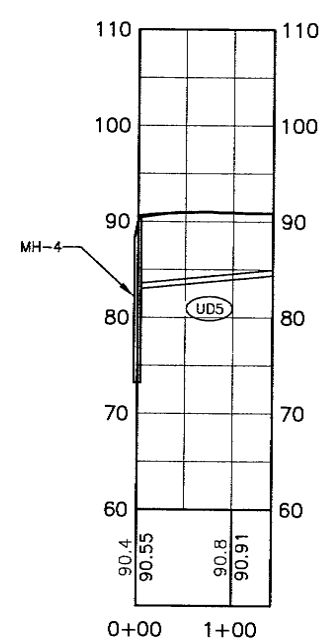
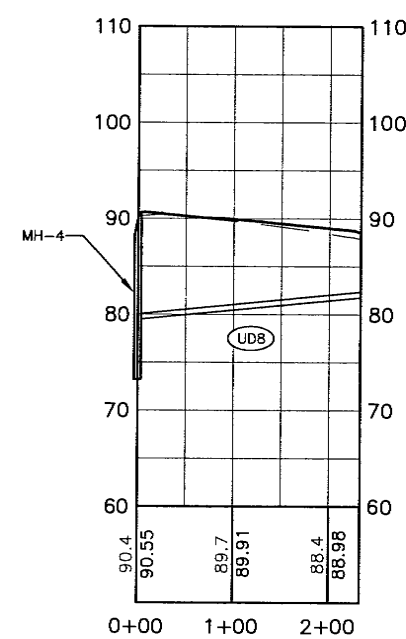
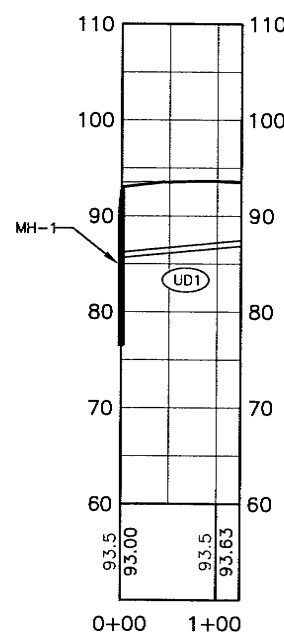
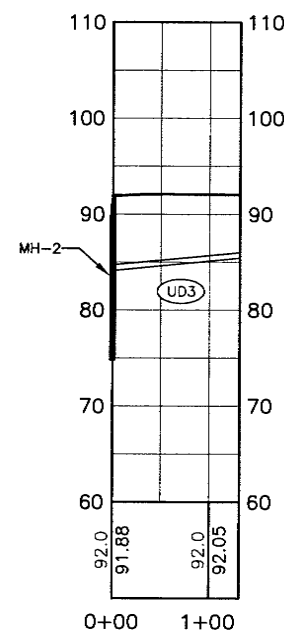
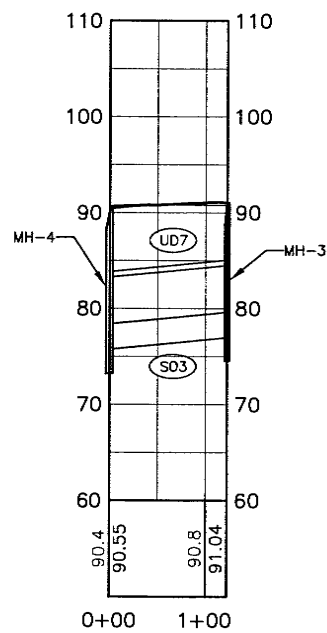
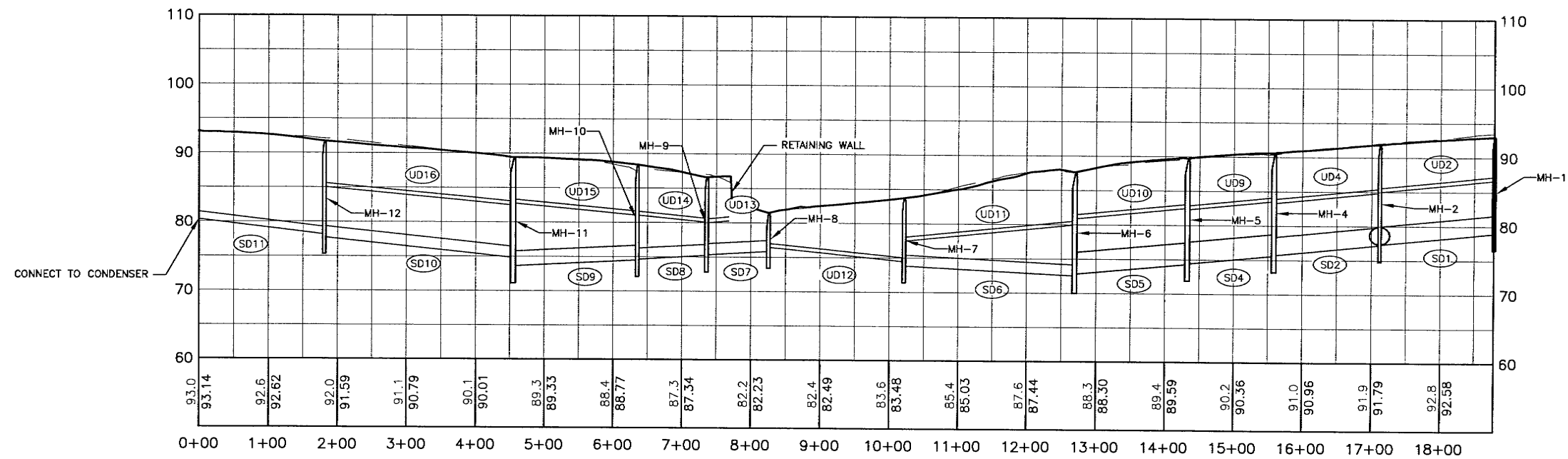
BY	DATE	REVISION

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PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
DRAINAGE PLAN

DATE:
1/3/2011
SHEET:
29 OF 51
AS-BUILT SHEET:

Date Revised: 1/04/2011 1:55 PM
Layout Name: W:\Projects\AA Ted Stevens A Con Apron Reconstruction_56224\Final Drawings\Drainage Plan.dwg
File Path and Name: W:\Projects\AA Ted Stevens A Con Apron Reconstruction_56224\Final Drawings\Drainage Plan.dwg
Designed By: ###
Drawn By: ###
Checked By: ###



DRAINAGE PROFILES

NOTES

1. SEE DRAWING TABLES FOR INVERT ELEVATIONS, SHEETS 33 TO 34.



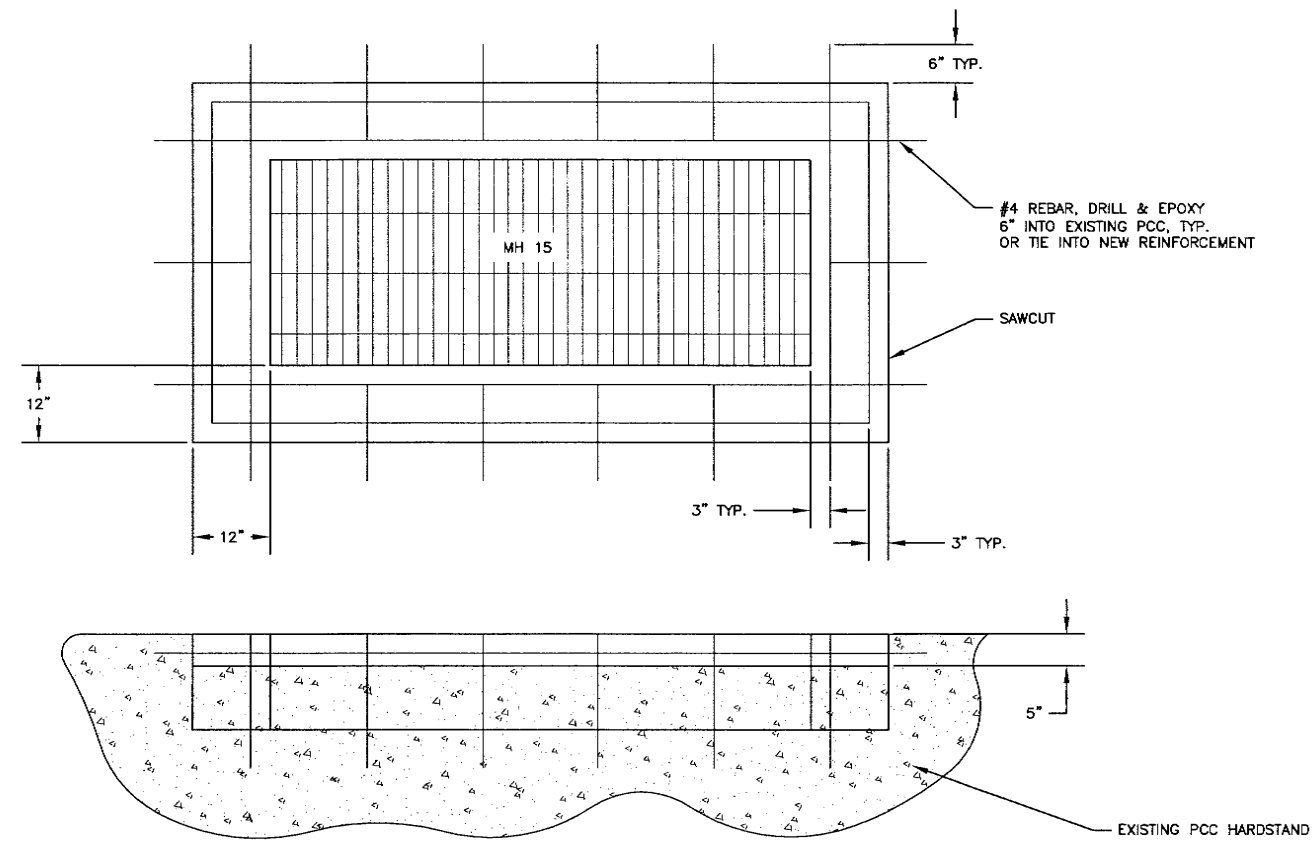
BY	DATE	REVISION

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PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
DRAINAGE PLAN

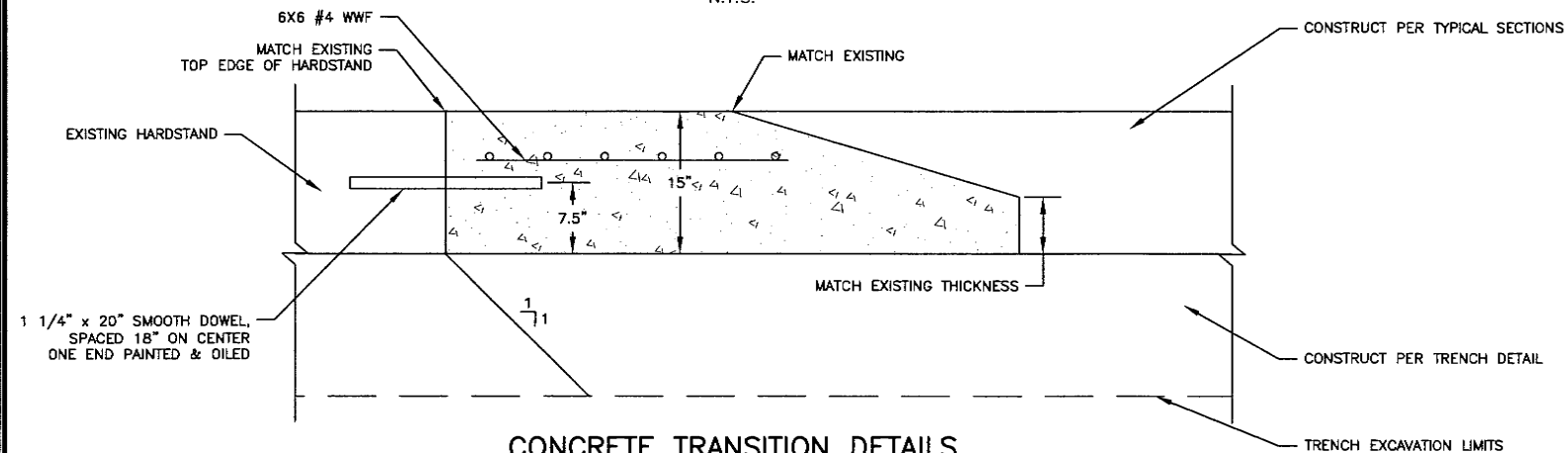
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SHEET: 30 OF 51
AS-BUILT SHEET:

10/2/2011 1:55 PM
Date Revised: 10/2/2011 1:55 PM
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Drawn By: JH
Checked By: JH



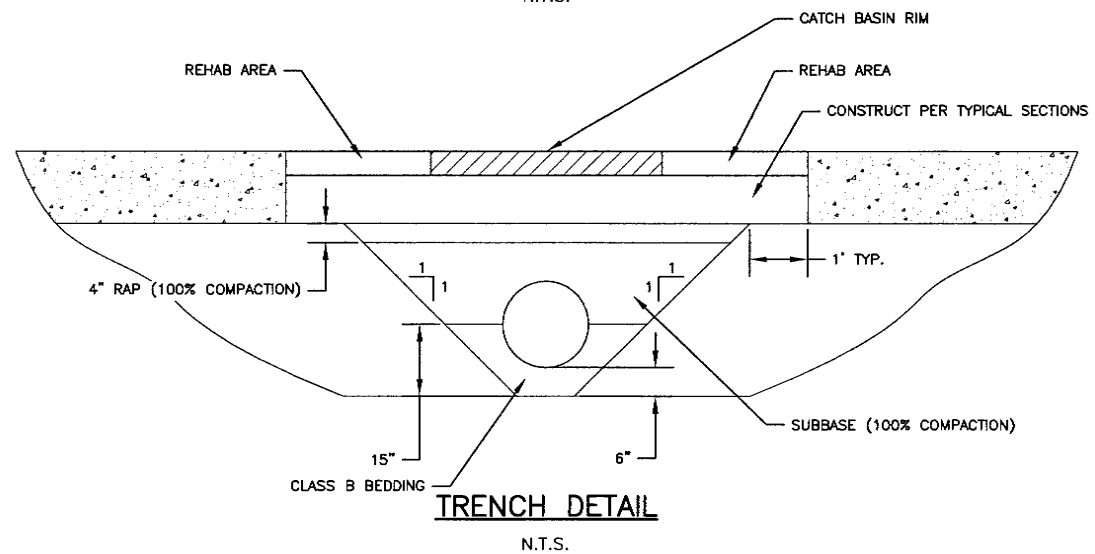
CATCH BASIN REHAB PLAN & PROFILE

N.T.S.



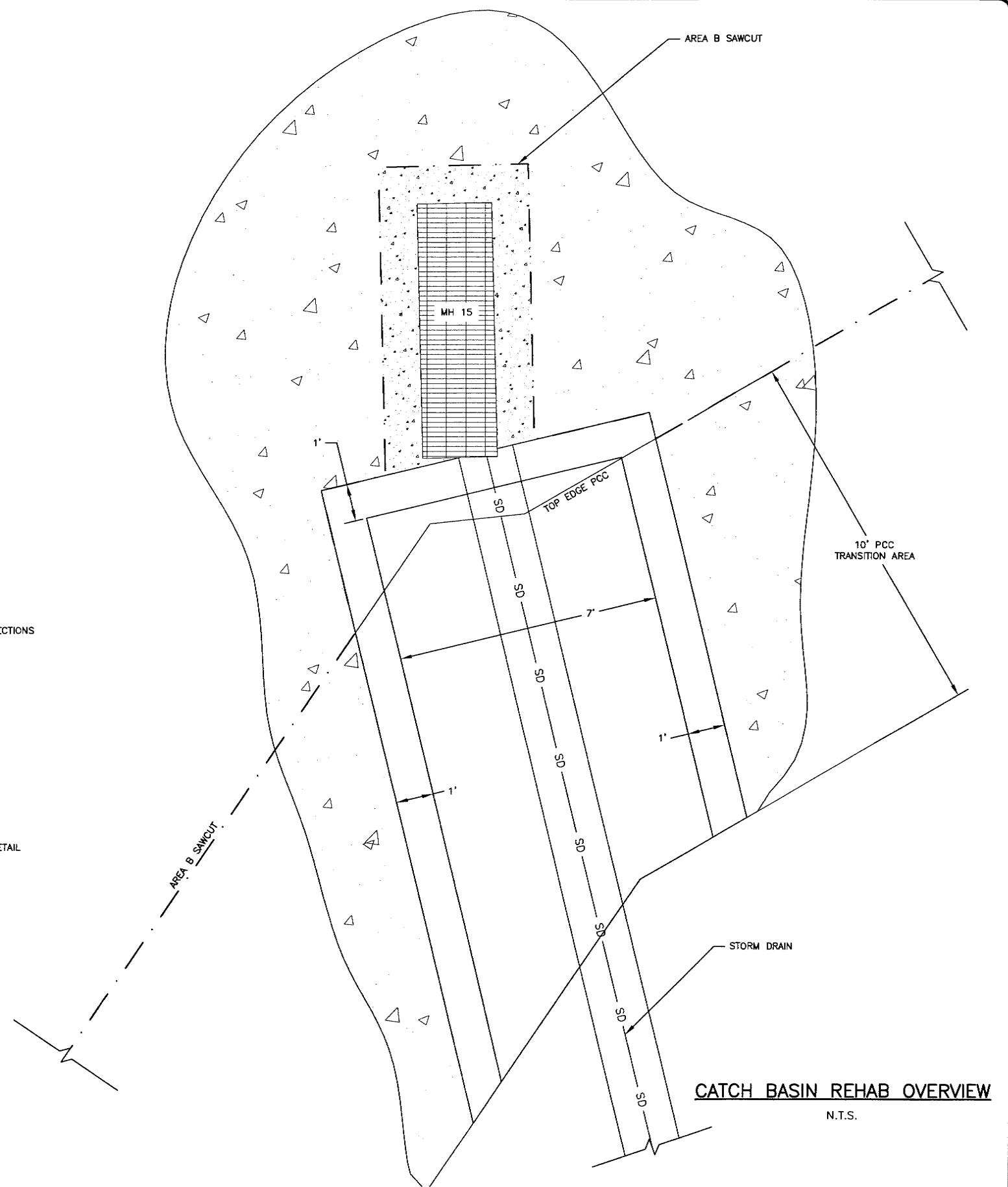
CONCRETE TRANSITION DETAILS

N.T.S.



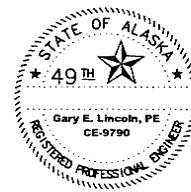
TRENCH DETAIL

N.T.S.



CATCH BASIN REHAB OVERVIEW

N.T.S.



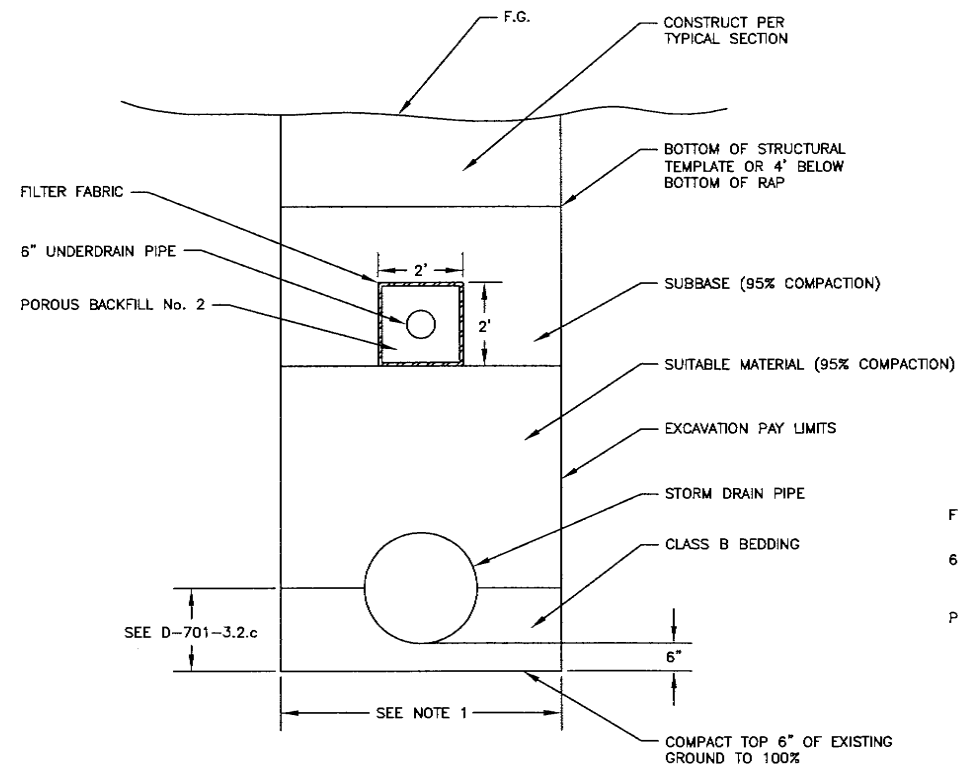
BY	DATE	REVISION

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PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
DRAINAGE DETAILS

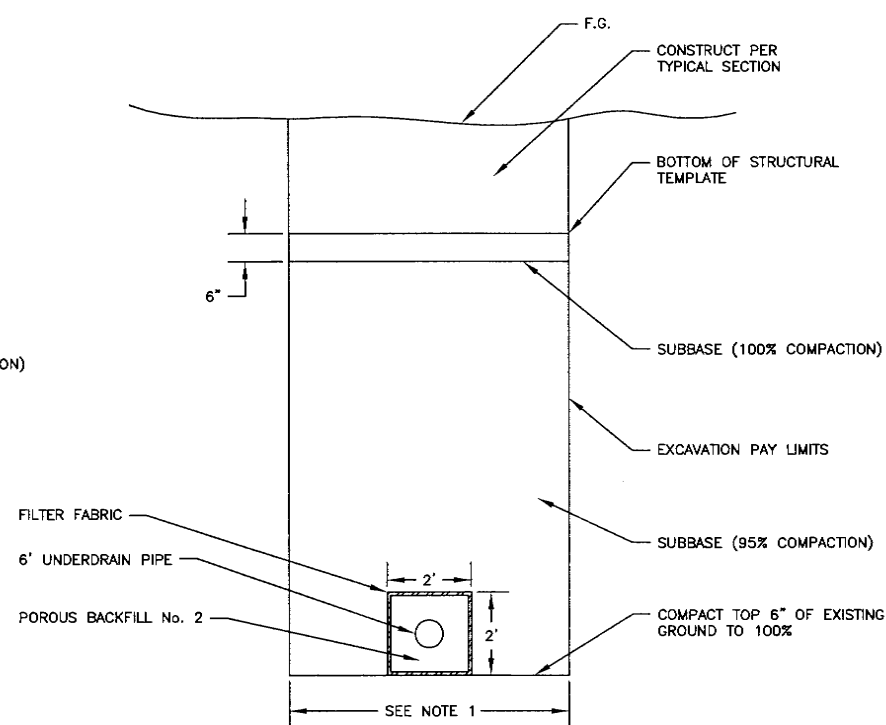
DATE: 1/3/2011
SHEET: 31 OF 51
AS-BUILT SHEET:

10/2/2011, 8:07 AM
Date Revised: Details
Layout Name: W:\Projects\AA Ted Stevens\A Con Apron Reconstruction_56224\Final Drawings\Drainage Plans.dwg
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Designed By: ###
Drawn By: ###
Checked By: ###



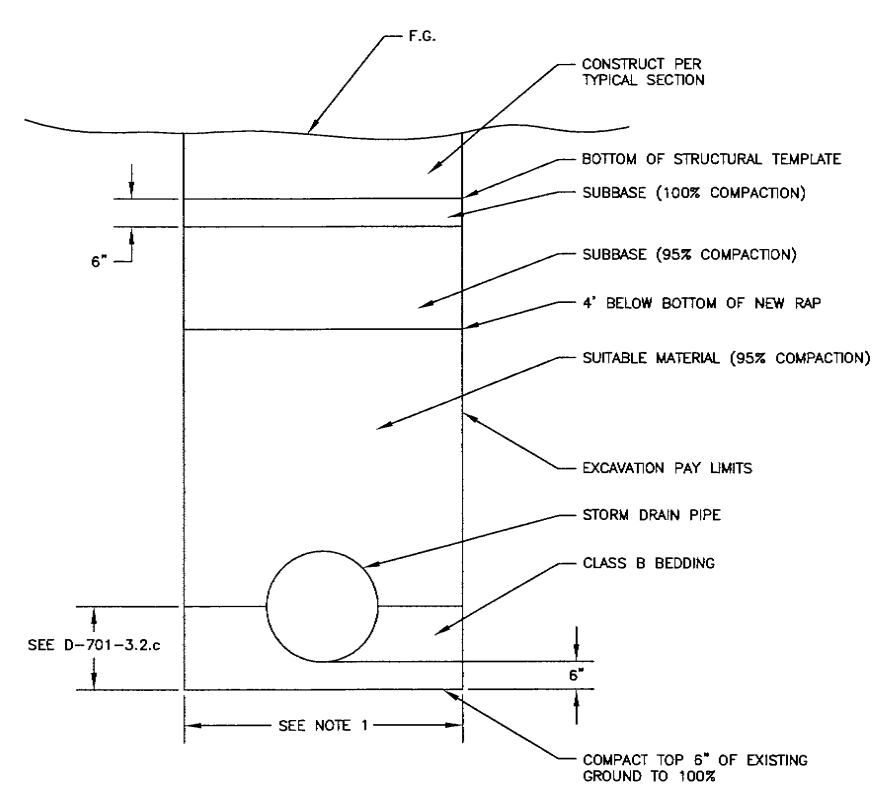
STORM DRAIN/UNDERDRAIN TRENCH

N.T.S.



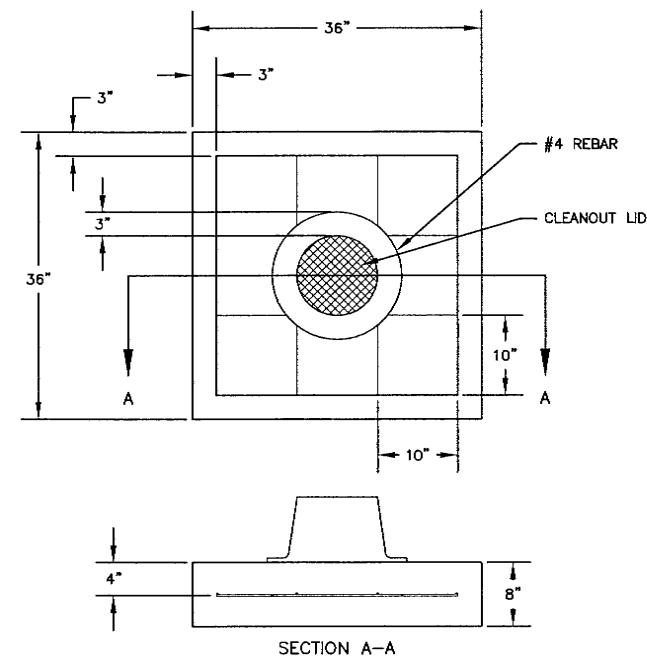
UNDERDRAIN ONLY TRENCH

N.T.S.



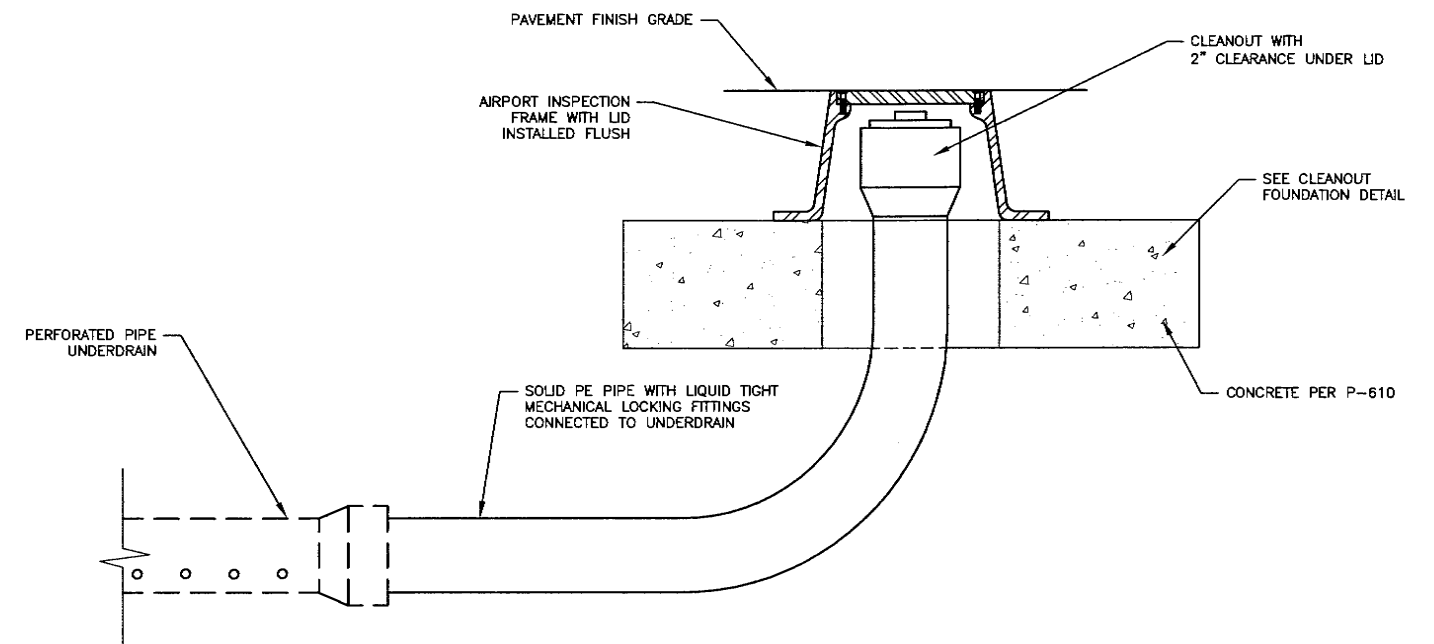
STORM DRAIN ONLY TRENCH

N.T.S.



CLEANOUT FOUNDATION DETAIL

N.T.S.



TYPICAL CLEANOUT TO UNDERDRAIN DETAIL

N.T.S.

NOTES

1. TRENCH CENTERED ON PIPE. PAY LIMIT WIDTH BASED ON DIAMETER OF LARGEST PIPE IN TRENCH. DIMENSIONS AS FOLLOWS:

PIPE DIAMETER	TRENCH WIDTH
6"-12"	5'
18"-24"	7'
30"-36"	10'

2. ALL TURNS IN UNDERDRAIN SYSTEM SHALL BE MADE WITH LONG SWEEP ELLs, 45s, 30/60s OR SIMILAR FITTINGS. SHARP 90S SHALL NOT BE USED



BY	DATE	REVISION

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TED STEVENS ANCHORAGE
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CONCOURSE A APRON RECONSTRUCTION
PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
DRAINAGE DETAILS

DATE: 1/5/2011
SHEET: 32 OF 51
AS-BUILT SHEET:

1/3/2011 1:58 PM
Pipe Table
W:\Projects\AIA Ted Stevens\A Con Apron Reconstruction_56224\Final Drawings\Drainage Plan.dwg

Designed By: ###
Drawn By: ###
Checked By: ###

Date Revised:
Layout Name:
File Path and Name:

PIPE TABLE											
PIPE ID	MATERIAL	DIA (IN)	LENGTH (FT)	START STATION/OFFSET		START INVERT ELEV. (FT)	END STATION/OFFSET		END INVERT ELEV. (FT)	SLOPE	REMARKS
SD-B1	HDPE	18"	129.02'	TW K STA 1152+26.70	263.45' L	93.00	TW K STA 1152+95.86	372.37' L	91.40	1.24%	
SD-B2	HDPE	18"	23.28'	TW K STA 1152+95.86	372.37' L	91.30	TW K STA 1152+90.66	395.07' L	91.00	1.29%	
SD1	HDPE	30"	166.76'	TW K STA 1163+90.95	367.00' L	77.40	TW K STA 1162+24.32	360.58' L	79.00	-0.96%	
SD2	HDPE	30"	153.09'	TW K STA 1163+90.95	367.00' L	77.30	TW K STA 1165+43.94	372.75' L	75.80	0.98%	
SD3	HDPE	30"	122.13'	TW K STA 1164+79.20	476.31' L	77.02	TW K STA 1165+43.94	372.75' L	75.80	1.00%	
SD4	HDPE	36"	126.43'	TW K STA 1165+43.94	372.75' L	75.70	TW K STA 1166+51.71	306.65' L	74.50	0.95%	
SD5	HDPE	36"	163.29'	TW K STA 1166+51.71	306.65' L	74.40	TW K STA 1168+05.22	213.01' L	72.90	0.92%	
SD6	HDPE	18"	248.12'	TW K STA 1168+05.22	213.01' L	72.60	TW K STA 1168+80.60	449.41' L	73.90	-0.52%	
SD7	HDPE	18"	89.33'	TW K STA 1168+04.46	650.61' L	75.40	TW K STA 1168+93.59	644.59' L	75.90	-0.56%	
SD8	HDPE	18"	101.10'	TW K STA 1168+04.46	650.61' L	75.30	TW K STA 1167+03.59	657.42' L	74.70	0.59%	
SD9	HDPE	24"	180.30'	TW K STA 1167+03.59	657.42' L	74.60	TW K STA 1165+00.51	741.70' L	73.70	0.50%	
SD10	HDPE	18"	273.98'	TW K STA 1165+00.51	741.70' L	74.90	TW K STA 1162+87.93	568.85' L	77.80	-1.06%	
SD11	CMP	12"	180.42'	TW K STA 1162+87.93	568.85' L	78.20	TW K STA 1161+39.03	670.74' L	80.40	-1.22%	CONNECT TO CONDENSER OUTLET
SDEN	RCP	30"	112.88'	TW K STA 1165+00.51	741.70' L	73.60	TW K STA 1164+75.17	851.70' L	N/A	N/A	EXISTING STORM DRAIN
SDES	CPEP	42"	96.46'	TW K STA 1168+05.22	213.01' L	72.50	TW K STA 1169+01.37	205.20' L	N/A	N/A	EXISTING STORM DRAIN

PIPE TABLE											
PIPE ID	MATERIAL	DIA (IN)	LENGTH (FT)	START STATION/OFFSET		START INVERT ELEV. (FT)	END STATION/OFFSET		END INVERT ELEV. (FT)	SLOPE	REMARKS
UD1	HDPE	6"	124.57'	TW K STA 1162+24.10	236.01' L	86.90	TW K STA 1162+24.32	360.58' L	85.65	1.00%	TYPE S, SEMI-RIGID, PERFORATED
UD2	HDPE	6"	166.76'	TW K STA 1163+90.95	367.00' L	85.00	TW K STA 1162+24.32	360.58' L	86.70	-1.02%	TYPE S, SEMI-RIGID, PERFORATED
UD3	HDPE	6"	131.00'	TW K STA 1163+90.71	236.00' L	85.45	TW K STA 1163+90.95	367.00' L	84.14	1.00%	TYPE S, SEMI-RIGID, PERFORATED
UD4	HDPE	6"	153.09'	TW K STA 1163+90.95	367.00' L	84.90	TW K STA 1165+43.94	372.75' L	83.35	1.01%	TYPE S, SEMI-RIGID, PERFORATED
UD5	HDPE	6"	140.82'	TW K STA 1165+10.31	236.00' L	84.40	TW K STA 1165+43.94	372.75' L	82.99	1.00%	TYPE S, SEMI-RIGID, PERFORATED
UD6	HDPE	6"	134.80'	TW K STA 1165+93.49	547.77' L	83.50	TW K STA 1164+79.20	476.31' L	82.15	1.00%	TYPE S, SEMI-RIGID, PERFORATED
UD7	HDPE	6"	122.13'	TW K STA 1165+43.94	372.75' L	83.28	TW K STA 1164+79.20	476.31' L	84.50	-1.00%	TYPE S, SEMI-RIGID, PERFORATED
UD8	HDPE	6"	232.04'	TW K STA 1167+73.19	490.20' L	81.80	TW K STA 1165+43.94	372.75' L	79.48	1.00%	TYPE S, SEMI-RIGID, PERFORATED
UD9	HDPE	6"	126.43'	TW K STA 1165+43.94	372.75' L	83.60	TW K STA 1166+51.71	306.65' L	82.33	1.00%	TYPE S, SEMI-RIGID, PERFORATED
UD10	HDPE	6"	163.29'	TW K STA 1166+51.71	306.65' L	82.54	TW K STA 1168+05.22	213.01' L	80.91	1.00%	TYPE S, SEMI-RIGID, PERFORATED
UD11	HDPE	6"	248.12'	TW K STA 1168+05.22	213.01' L	80.00	TW K STA 1168+80.60	449.41' L	77.52	1.00%	TYPE S, SEMI-RIGID, PERFORATED
UD12	HDPE	6"	195.62'	TW K STA 1168+80.60	449.41' L	74.50	TW K STA 1168+93.59	644.59' L	76.50	-1.02%	TYPE S, SEMI-RIGID, PERFORATED
UD13	HDPE	6"	32.27'	TW K STA 1168+36.65	648.43' L	80.32	TW K STA 1168+04.46	650.61' L	80.00	1.00%	TYPE S, SEMI-RIGID, PERFORATED
UD14	HDPE	6"	101.10'	TW K STA 1168+04.46	650.61' L	80.10	TW K STA 1167+03.59	657.42' L	81.10	-0.99%	TYPE S, SEMI-RIGID, PERFORATED
UD15	HDPE	6"	180.30'	TW K STA 1167+03.59	657.42' L	81.10	TW K STA 1165+00.51	741.70' L	82.80	-0.94%	TYPE S, SEMI-RIGID, PERFORATED
UD16	HDPE	6"	273.98'	TW K STA 1165+00.51	741.70' L	82.50	TW K STA 1162+87.93	568.85' L	85.10	-0.95%	TYPE S, SEMI-RIGID, PERFORATED



BY	DATE	REVISION

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION		
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TED STEVENS ANCHORAGE ANCHORAGE, ALASKA CONCOURSE A APRON RECONSTRUCTION PROJECT No. 56224 AIP No. 3-02-0016-XXX-2011 DRAINAGE TABLES	
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DATE: 1/3/2011
SHEET: 33 OF 51
AS-BUILT SHEET:

1/04/2011 2:05 PM
Structure Table
W:\Projects\AIA Ted Stevens\A Con Apron Reconstruction_56224\Final Drawings\Drainage Plan.dwg

Designed By:
Drawn By:
Checked By:

MANHOLE TABLE												
STRUCTURE NAME	TYPE	LOCATION	RIM ELEV. (FT)	N INVERT ELEV. (FT)	S INVERT ELEV. (FT)	E INVERT ELEV. (FT)	W INVERT ELEV. (FT)	NE INVERT ELEV. (FT)	NW INVERT ELEV. (FT)	SE INVERT ELEV. (FT)	SW INVERT ELEV. (FT)	REMARKS
MH-1	I	TW K STA 1162+24.32 360.58' L	93.00		85.65	86.70 79.00	79.30					INLET COVER
MH-2	I	TW K STA 1163+90.96 367.00' L	91.88		84.14	84.90 77.30	85.00 77.40					INLET COVER
MH-3	I	TW K STA 1164+79.20 476.31' L	91.02					82.15		84.50 77.02		INLET COVER
MH-4	II	TW K STA 1165+43.95 372.75' L	90.55	75.80			83.35 75.80	79.48	83.28	83.60 75.70	82.99	INLET COVER
MH-5	II	TW K STA 1166+51.72 306.65' L	89.75						82.33 74.50	82.54 74.40		INLET COVER
MH-6	N/A	TW K STA 1168+05.23 213.01' L	87.62	80.00 72.60		72.29	72.50		80.91 72.90			EXISTING
MH-7	I	TW K STA 1168+80.61 449.41' L	83.75	74.50	77.52 73.90							INLET COVER
MH-8	I	TW K STA 1168+93.60 644.59' L	81.47		76.50		75.90					INLET COVER
MH-9	I	TW K STA 1168+04.47 650.61' L	86.60			80.00 75.40	80.10 75.30					INLET COVER
MH-10	I	TW K STA 1167+03.60 657.42' L	88.40			81.10 74.70			81.10 74.60			MH COVER
MH-11	II	TW K STA 1165+00.52 741.70' L	89.41	73.60						82.80 73.70	82.50 74.90	INLET COVER
MH-12	I	TW K STA 1162+87.94 568.85' L	91.70					85.10 77.80	78.20			INLET COVER
MH-15	N/A	TW K STA 1152+26.70 263.45' L	96.34					93.00				EXISTING
MH-16	N/A	TW K STA 1152+95.86 372.37' L	97.02						91.30		91.40	EXISTING
MH-17	N/A	TW K STA 1152+90.66 395.07' L	96.80							91.00		EXISTING

NOTES

1. INLET COVERS SHALL BE NEENAH SERIES R-3491 OR EQUAL AND MUST CONFORM TO AC 150/5320-6E.



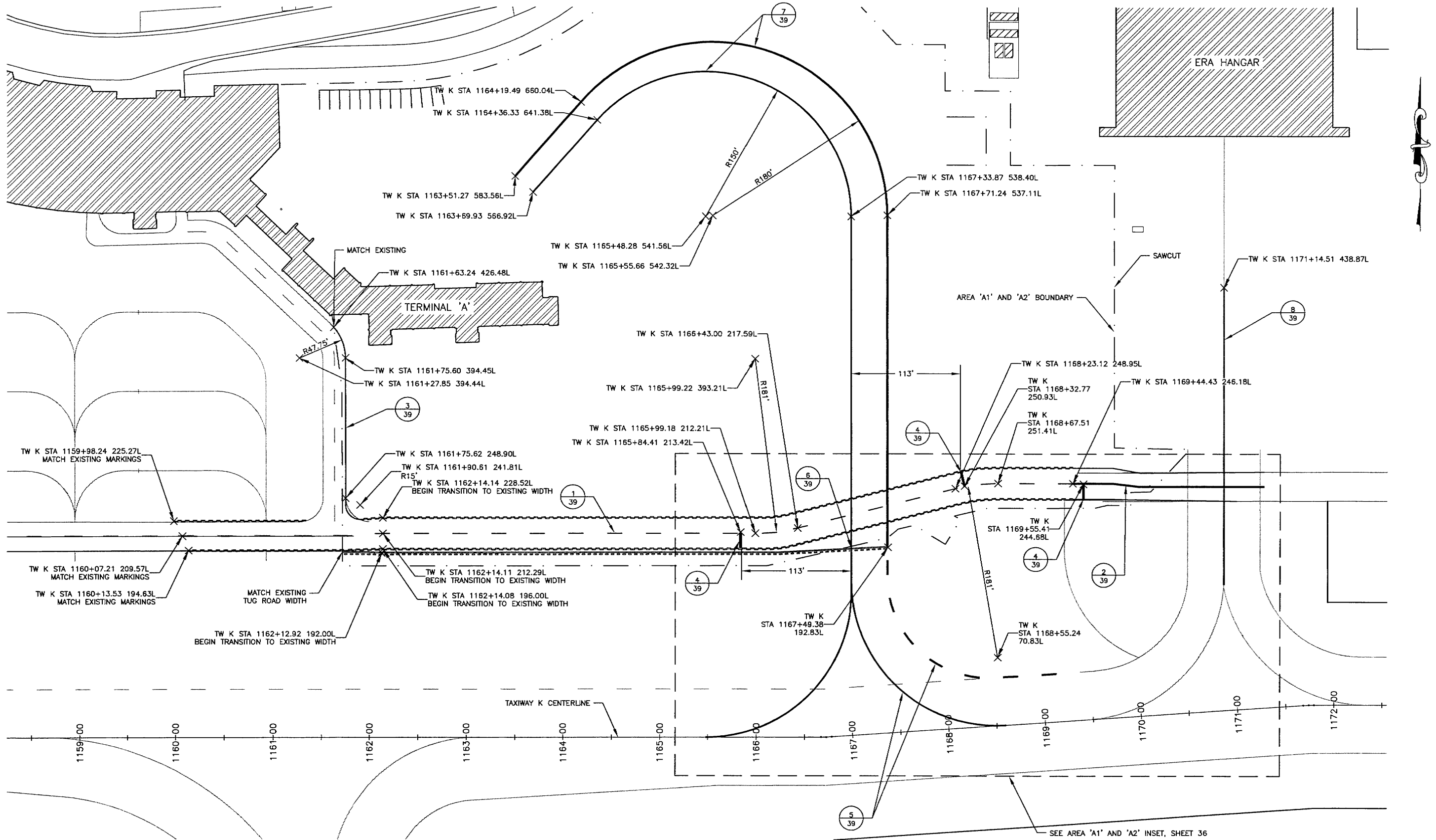
BY	DATE	REVISION

STATE OF ALASKA
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AND PUBLIC FACILITIES
CENTRAL REGION

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
CONCOURSE A APRON RECONSTRUCTION
PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
DRAINAGE TABLES

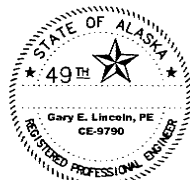
DATE: 1/4/2011
SHEET: 34 OF 51
AS-BUILT SHEET:

Date Revised: 10/2/2011, 1:58 PM
Layout Name: Plan A
File Path and Name: W:\Projects\AAA Ted Stevens\A Con Apron Reconstruction_56224\Final Drawings\Stripping Plan.dwg
Designed By: ##
Drawn By: ##
Checked By: ##



NOTES
1. MARKING DIMENSIONS SHOWN ARE TO CENTERLINE OF MARKINGS.

MARKING PLAN AREA 'A1' AND 'A2'



BY	DATE	REVISION

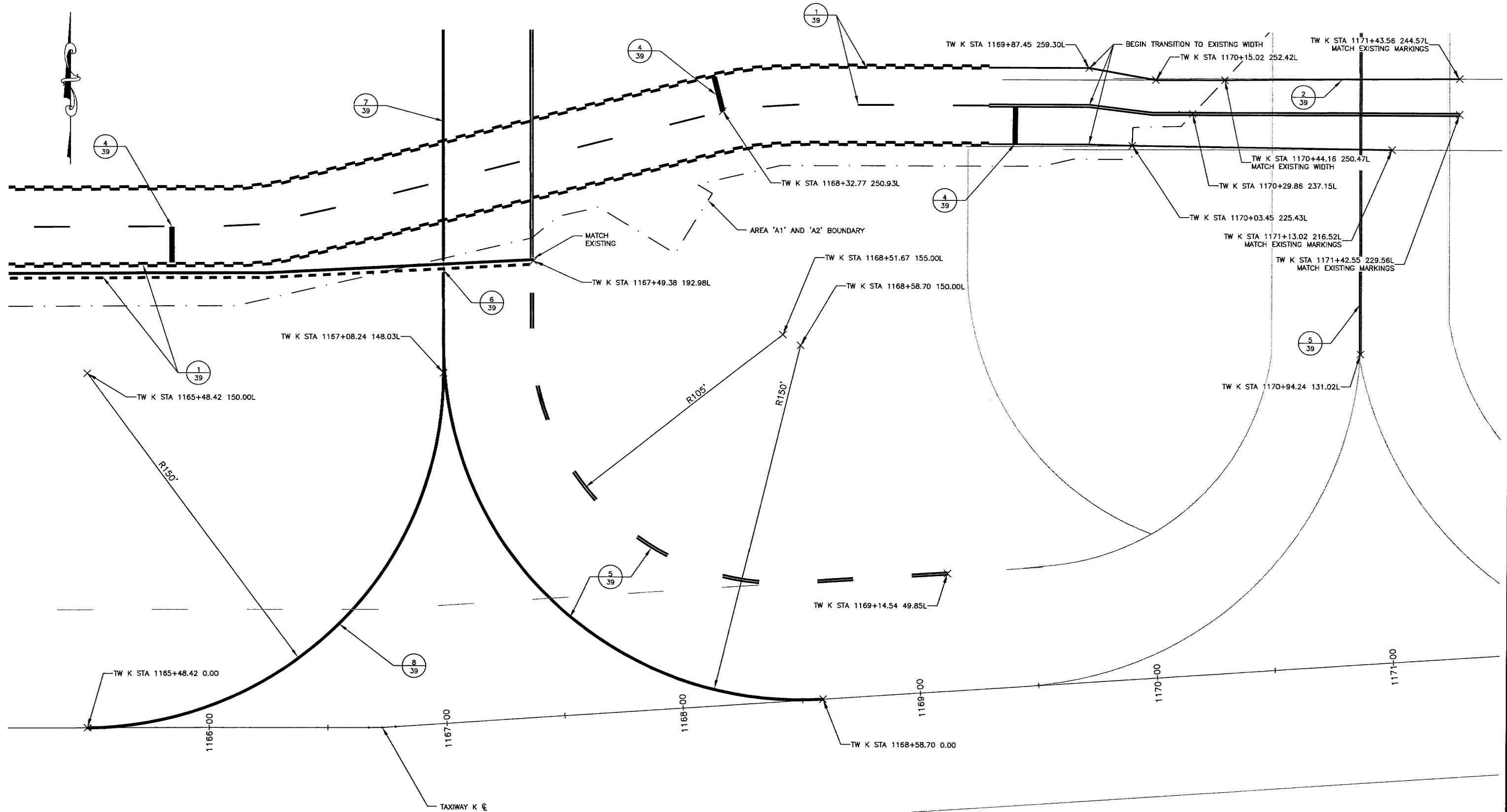
STATE OF ALASKA
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CENTRAL REGION

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
CONCOURSE A APRON RECONSTRUCTION
PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
MARKING PLAN

DATE: 1/3/2011
SHEET: 35 OF 51
AS-BUILT SHEET:



Date Revised: 10/2/2011, 1:56 PM
Layout Name: Plan A Inset
File Path and Name: W:\Projects\AA Ted Stevens\A Con Apron Reconstruction_5622A\Final Drawings\Stripping Plan.dwg
Designed By: ##
Drawn By: ##
Checked By: ##



NOTES

1. MARKING DIMENSIONS SHOWN ARE TO CENTERLINE OF MARKINGS.

MARKING PLAN AREA 'A1' AND 'A2' INSET



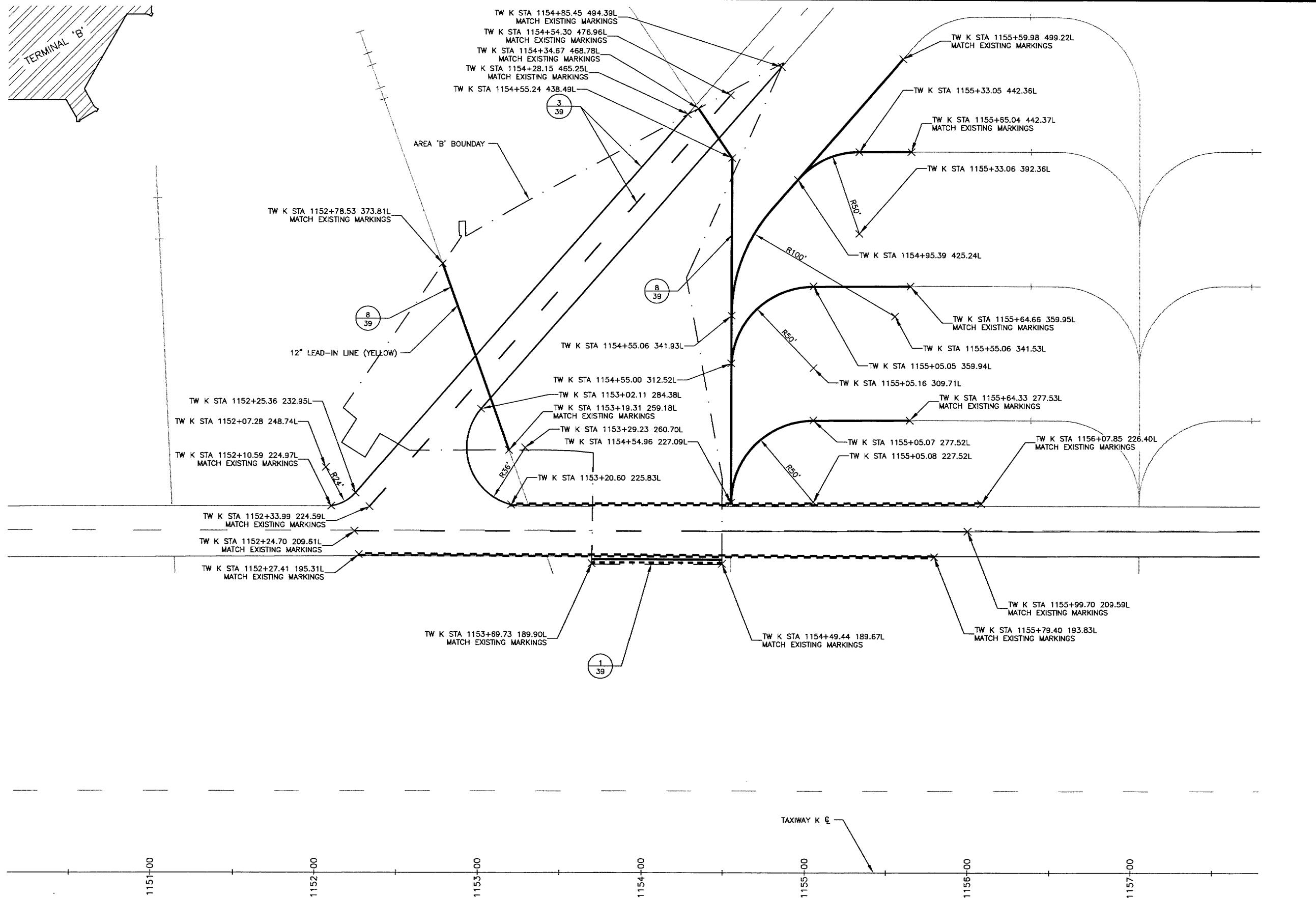
BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
CONCOURSE A APRON RECONSTRUCTION
PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
MARKING PLAN

DATE: 1/3/2011
SHEET: 36 OF 51
AS-BUILT SHEET:

Date Revised: 10/2/2011, 1:56 PM
Layout Name: Plan B
File Path and Name: W:\Projects\AIA Ted Stevens\A Con Apron Reconstruction_56224\Final Drawings\Striping Plan.dwg
Designed By: JH
Drawn By: JH
Checked By: JH



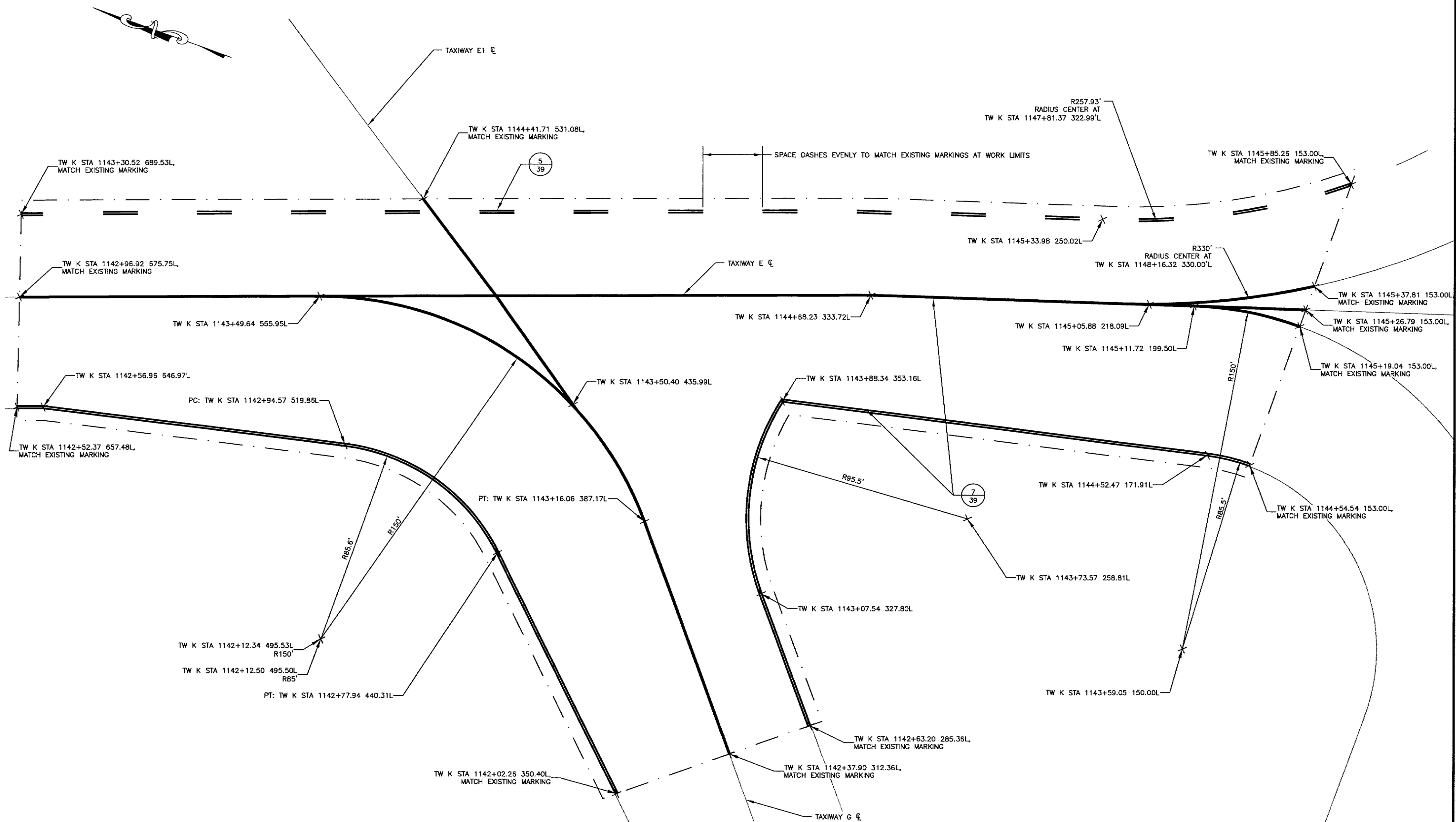
BY	DATE	REVISION

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MARKING PLAN

DATE: 1/3/2011
SHEET: 37 OF 51
AS-BUILT SHEET:

Date Revised: 10/2/2011, 1:58 PM
Layout Name: Plan G
File Path and Name: W:\Projects\AAA Ted Stevens\A Con Apron Reconstruction_56224\Final Drawings\Stripping Plan.dwg
Designed By: ###
Drawn By: ###
Checked By: ###



BY	DATE	REVISION

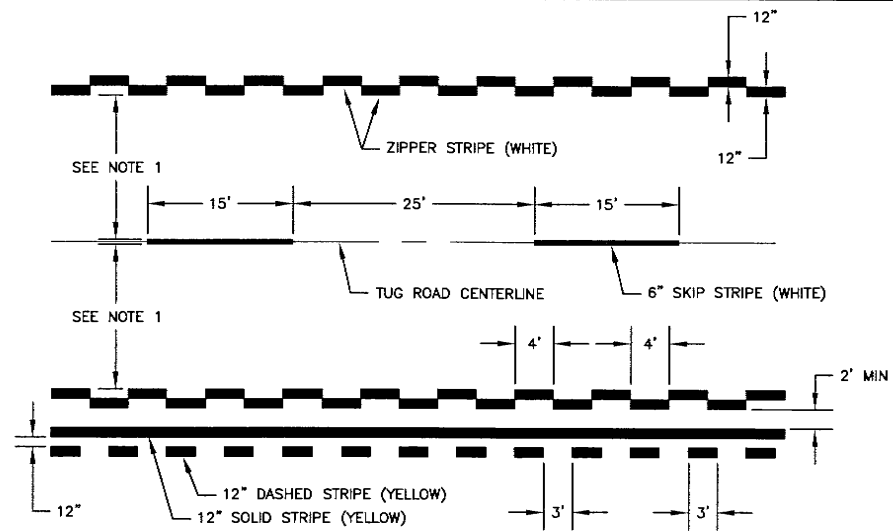
STATE OF ALASKA
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PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
MARKING PLAN

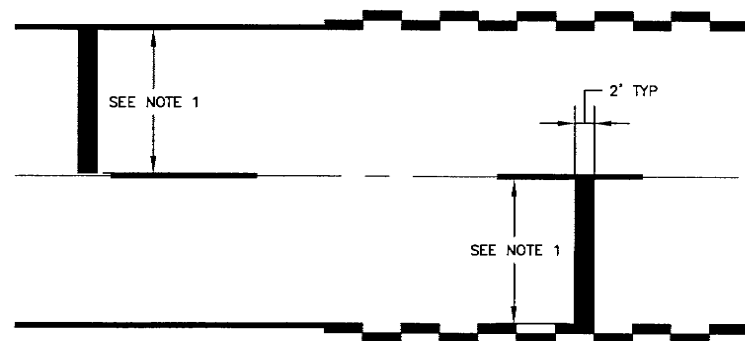
DATE: 1/3/2011
SHEET: 38 OF 51
AS-BUILT SHEET:



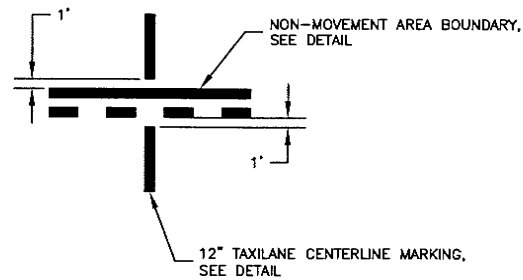
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Designed By: JH
Drawn By: JH
Checked By: JH



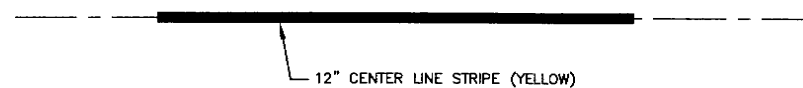
1
39
TUG ROAD AND NON-MOVEMENT
AREA MARKING DETAIL



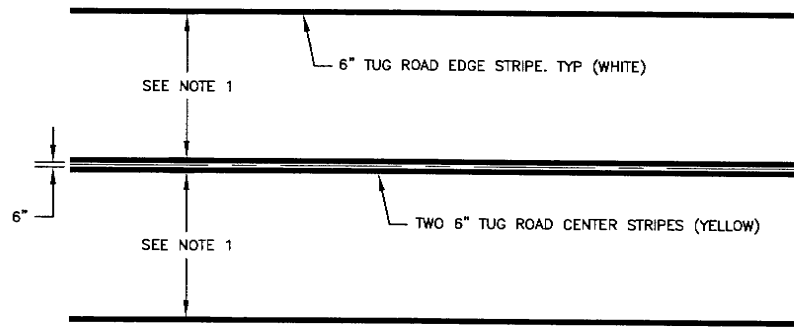
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TUG ROAD STOP BAR DETAIL



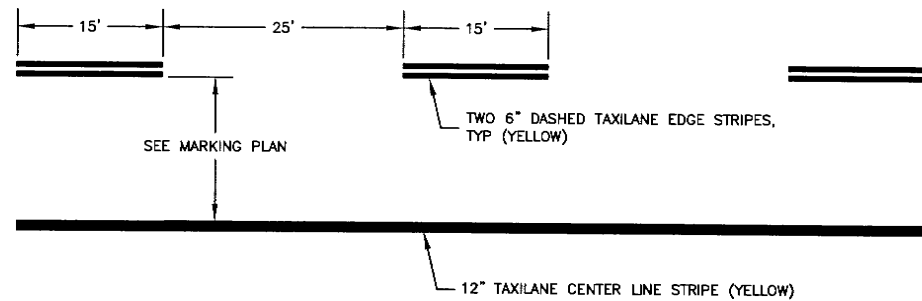
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TAXILANE INTERSECTION WITH
NON-MOVEMENT AREA BOUNDARY
DETAIL



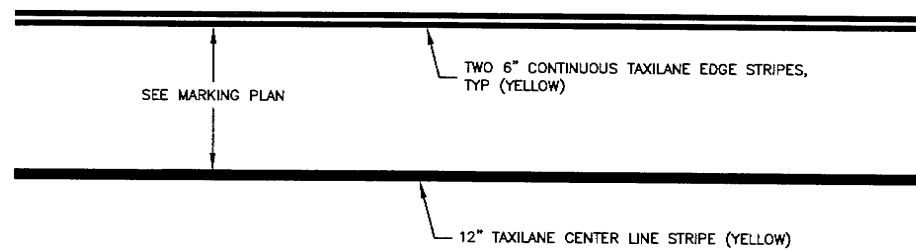
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LEAD-IN LINE DETAIL



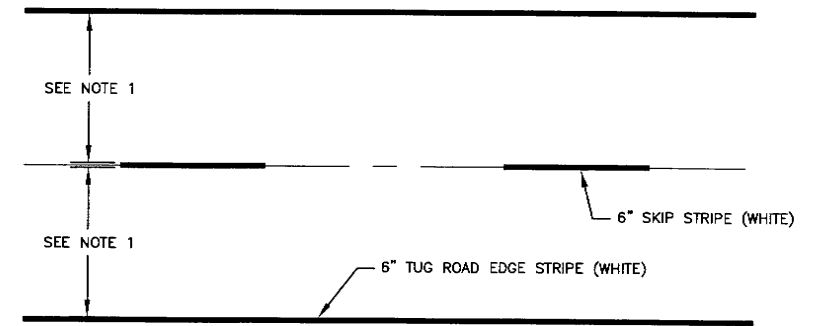
2
39
ALTERNATE CENTERLINE TUG ROAD
DETAIL



5
39
TAXIWAY/TAXILANE DETAIL, DASHED EDGE



7
39
TAXIWAY/TAXILANE DETAIL, CONTINUOUS EDGE



3
39
ALTERNATE EDGE MARKING TUG ROAD
DETAIL

AREAS A1 & A2	
MARKING	AREA (SF)
MAIN TUG ROAD	1906
AUX. TUG ROAD	106
*TAXILANE CENTERLINE	1627
*TAXILANE EDGE	988
*NON-MOVEMENT AREA BOUNDARY	922
TEMPORARY MARKINGS	1658

AREA B	
MARKING	AREA (SF)
MAIN TUG ROAD	717
AUX. TUG ROAD	405
*LEAD-IN LINES	891
*NON-MOVEMENT AREA BOUNDARY	121
TEMPORARY MARKINGS	941

AREA G	
MARKING	AREA (SF)
*TAXIWAY CENTERLINE	995
*TAXIWAY EDGE	752

*APPLY GLASS BEADS TO MARKINGS.

NOTES

1. TUG ROAD LANE WIDTHS ARE 15' PAINT TO PAINT UNLESS OTHERWISE SPECIFIED IN THE PLANS.
2. TAXILANE MARKINGS INTERRUPT TUG ROAD MARKINGS.



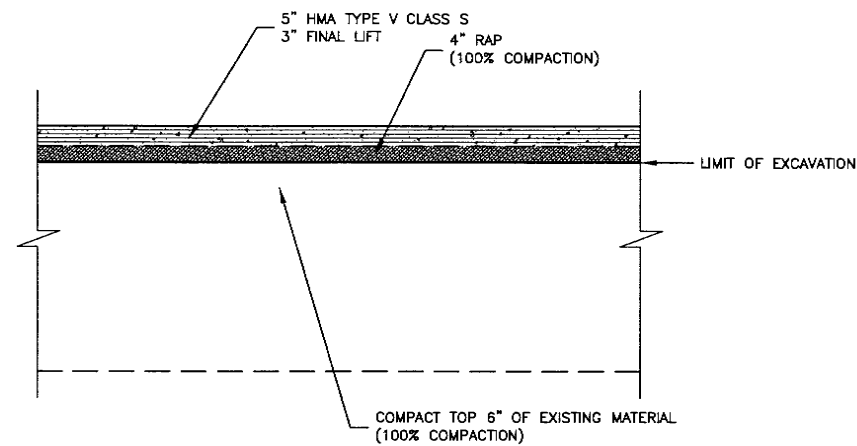
BY	DATE	REVISION

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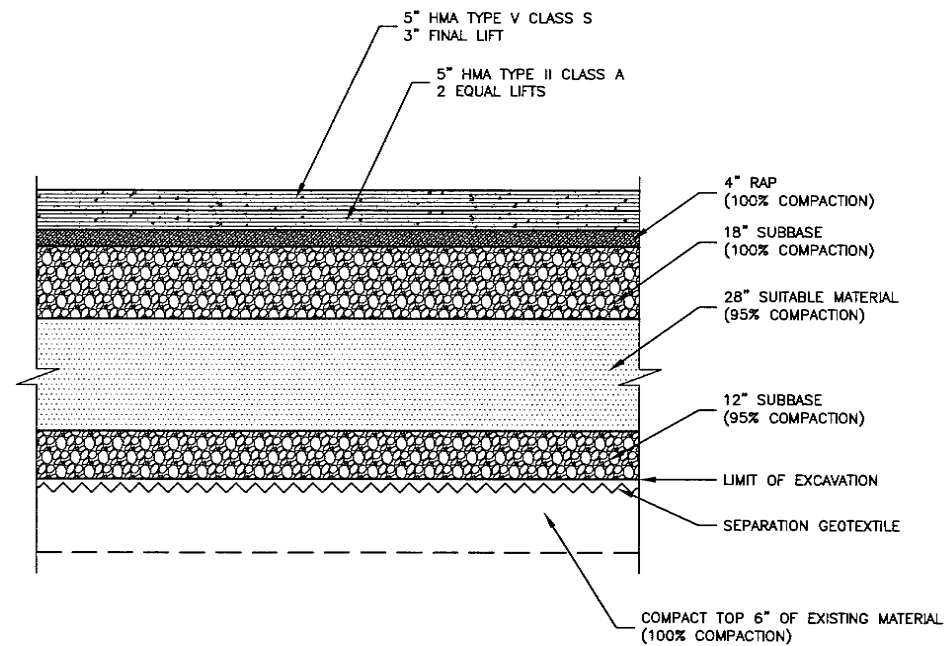
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
CONCOURSE A APRON RECONSTRUCTION
PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
MARKING DETAILS

DATE: 1/3/2011
SHEET: 39 OF 51
AS-BUILT SHEET:

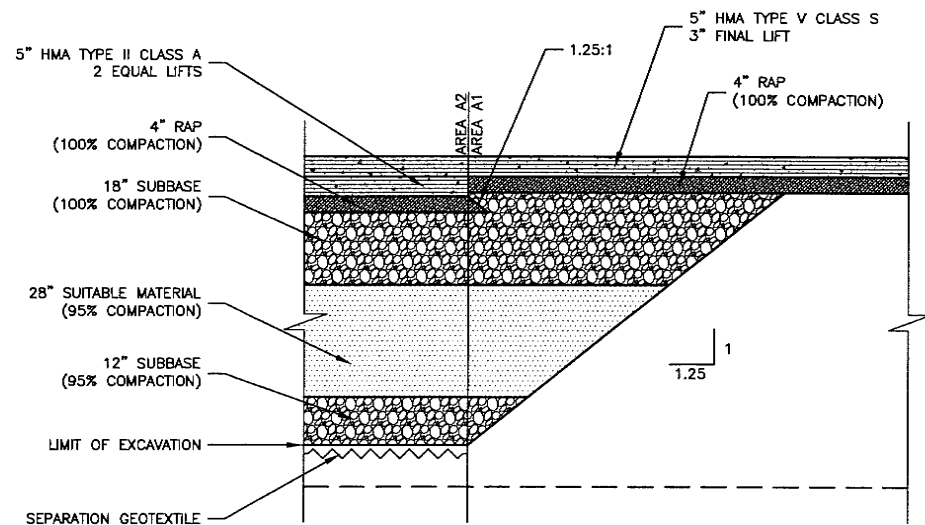
Date Revised: 10/2/2011 1:58 PM
Vpn. Sections
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File Path and Name:
Designed By: JH
Drawn By: JH
Checked By: JH



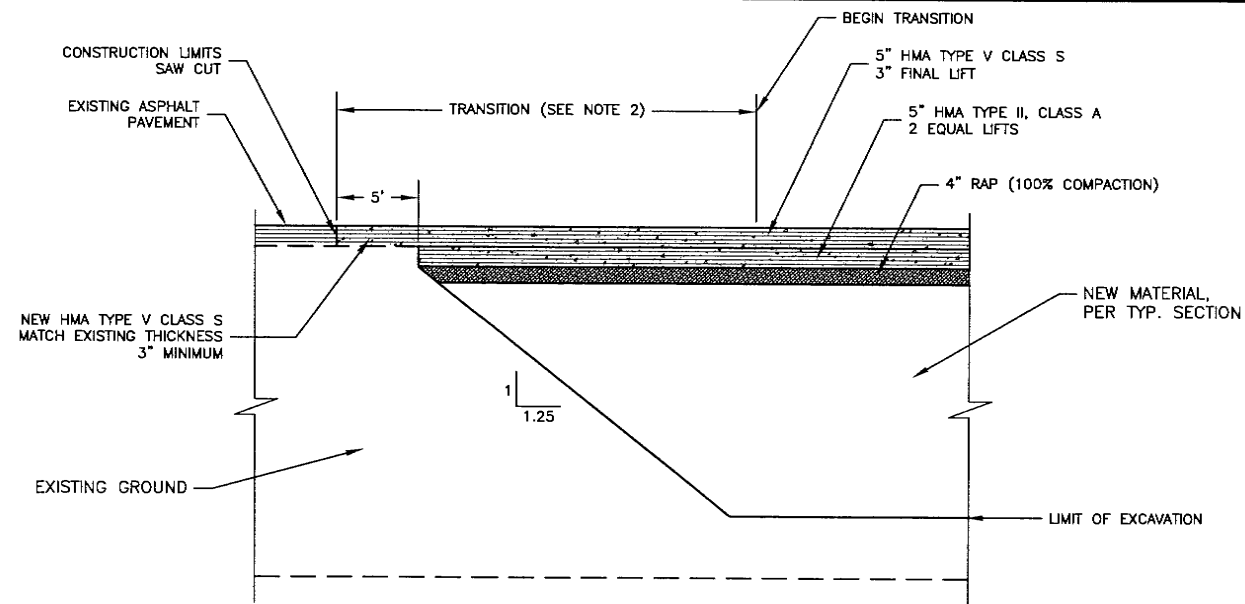
AREA A1 TYPICAL SECTION
NTS



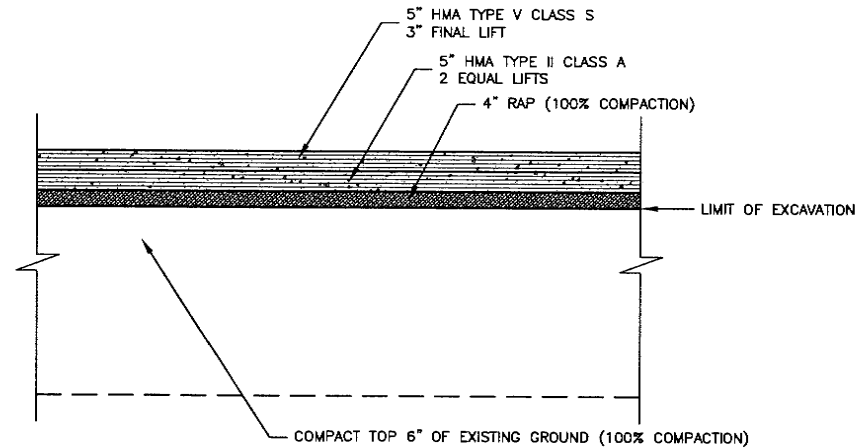
AREA A2 TYPICAL SECTION
NTS



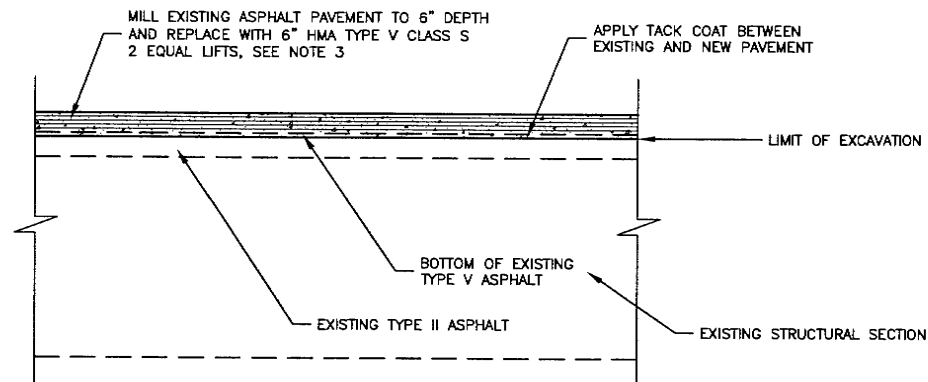
AREA A2 TRANSITION TO AREA A1
NTS



NEW WORK TRANSITION TO EXISTING GROUND AREA A2
NTS



AREA B TYPICAL SECTION
NTS



TAXIWAY 'G' TYPICAL SECTION
NTS

NOTES

1. SEE SPECIFICATIONS P-152, P-154, AND P-161 FOR SPECIFIC COMPACTION REQUIREMENTS.
2. BEGIN TRANSITION AND MATCH LINES AS SHOWN ON GRADING PLAN.
3. SEE PLANS FOR DETAILS AT TAXIWAY CENTERLINE LIGHTS, SHEET 41.



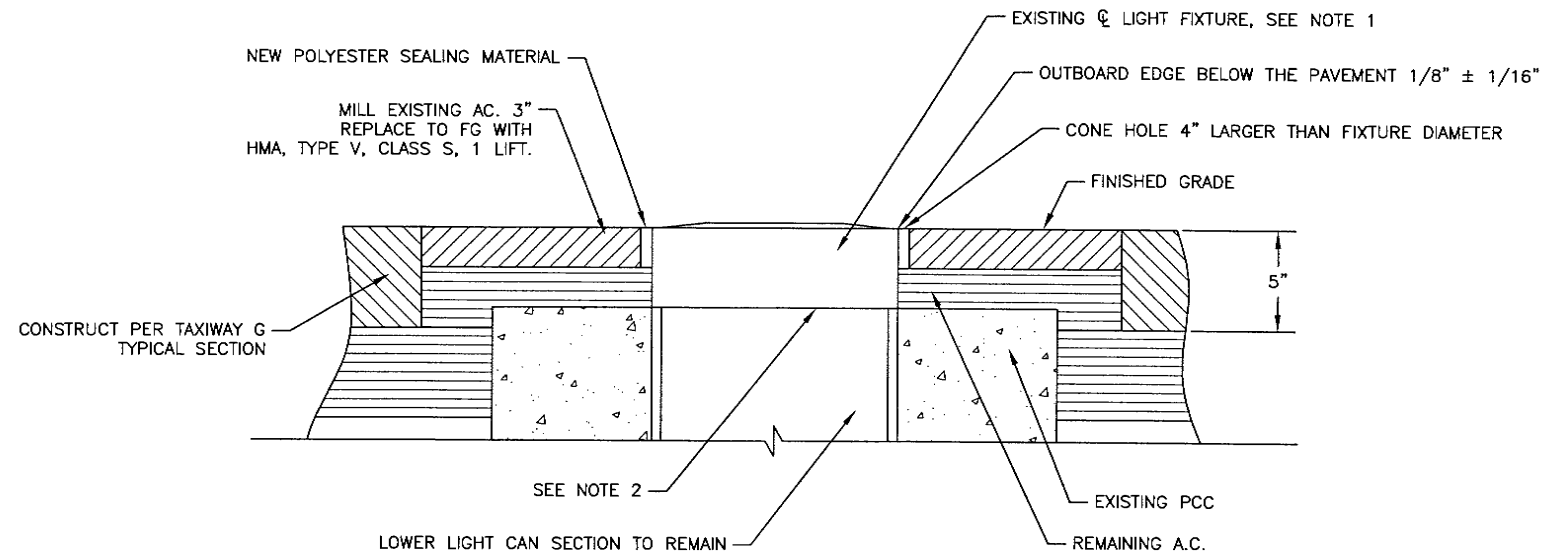
BY	DATE	REVISION

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DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

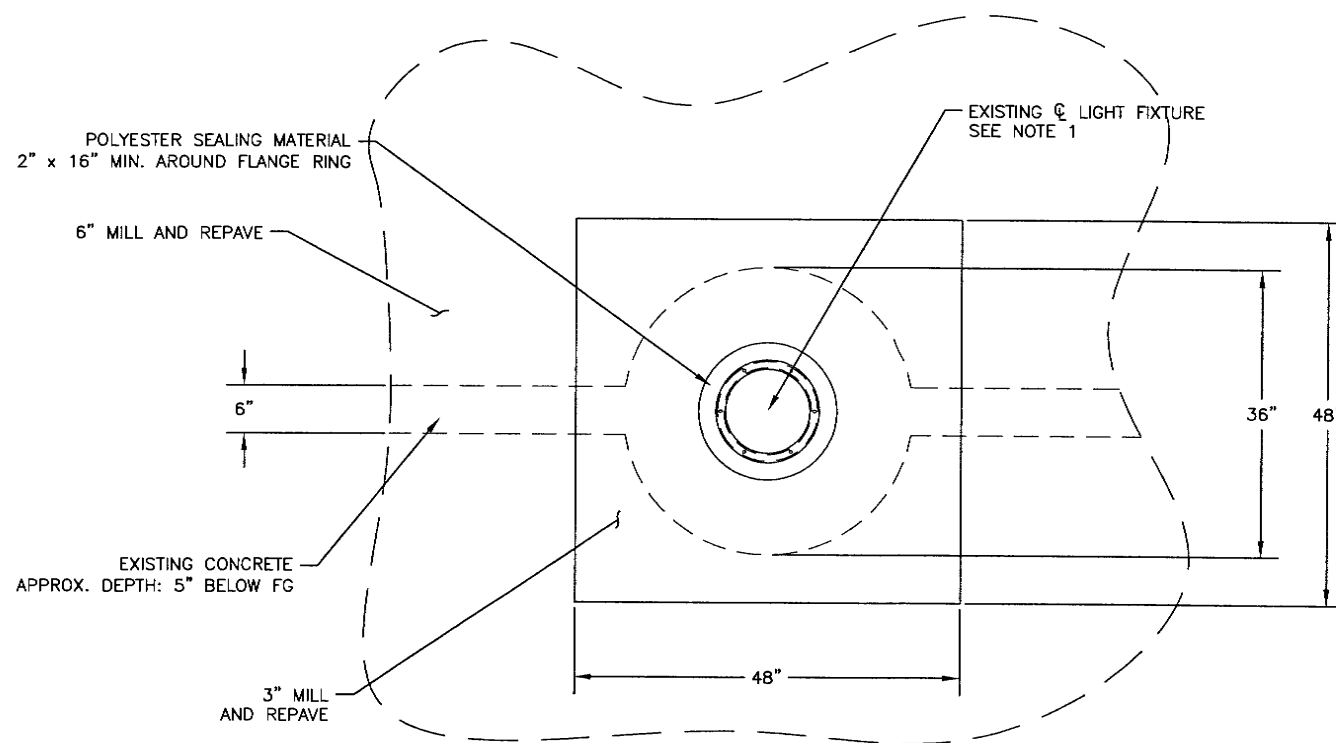
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ANCHORAGE, ALASKA
CONCOURSE A APRON RECONSTRUCTION
PROJECT No. 5622A
AIP No. 3-02-0016-XXX-2011
TYPICAL SECTIONS

DATE: 1/3/2011
SHEET: 40 OF 51
AS-BUILT SHEET:

10/2/2011 1:58 PM
TAXIWAY LIGHT DETAILS
W:\Projects\AA Ted Stevens A Con Apron Reconstruction_56224\Final Drawings\Lighting Details.dwg
Date Revised: 10/2/2011 1:58 PM
Layout Name: TAXIWAY LIGHT DETAILS
File Path and Name: W:\Projects\AA Ted Stevens A Con Apron Reconstruction_56224\Final Drawings\Lighting Details.dwg
Designed By: JH
Drawn By: JH
Checked By: JH



TAXIWAY G SECTION DETAIL AT CENTERLINE LIGHTS
NTS



TAXIWAY G PLAN DETAIL AT CENTERLINE LIGHTS
NTS

NOTES

1. REMOVE LIGHT BASE TOP SECTIONS AND STORE AS DIRECTED BY THE ENGINEER FOR THE DURATION OF PAVEMENT WORK IN AREA G. UPON COMPLETION OF PAVEMENT WORK, RE-INSTALL FIXTURES IN ORIGINAL CONDITION OR BETTER.
2. PREVENT FOREIGN MATERIAL FROM ENTERING LIGHT CAN DURING CONSTRUCTION.



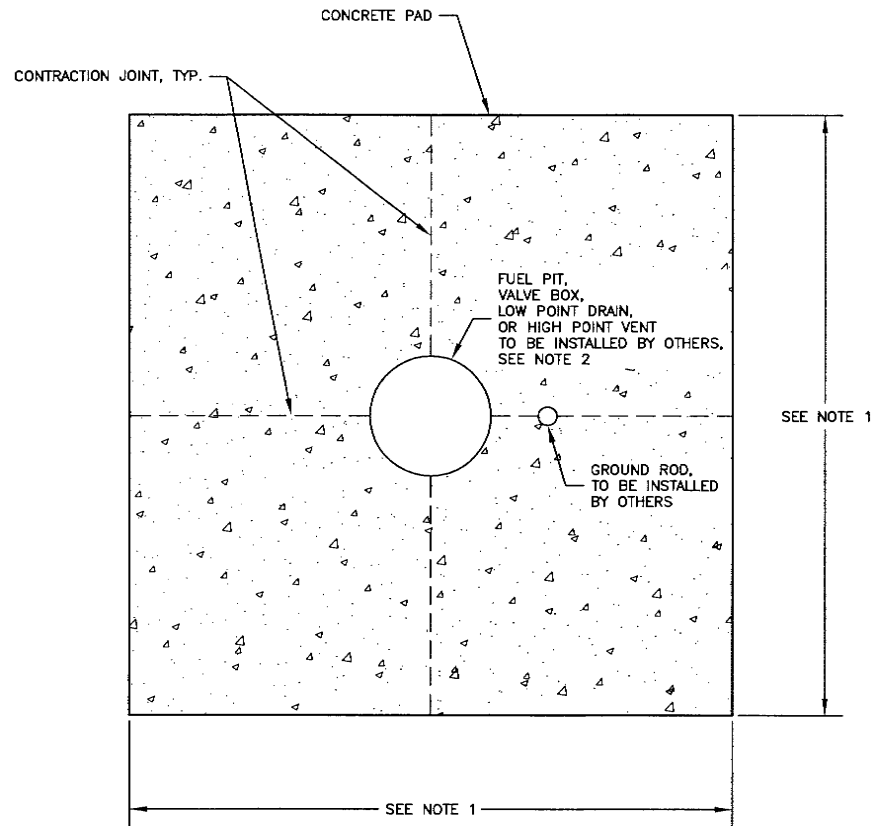
BY	DATE	REVISION

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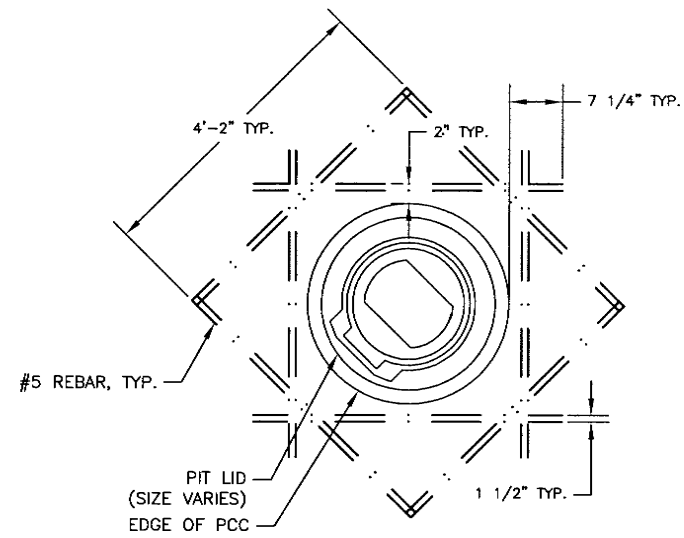
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
CONCOURSE A APRON RECONSTRUCTION
PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
TAXIWAY LIGHT DETAILS

DATE: 1/3/2011
SHEET: 41 OF 51
AS-BUILT SHEET:

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Data Revised: 1/3/2011
Layout Name: Detail
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Designed By: JH
Drawn By: JH
Checked By: JH



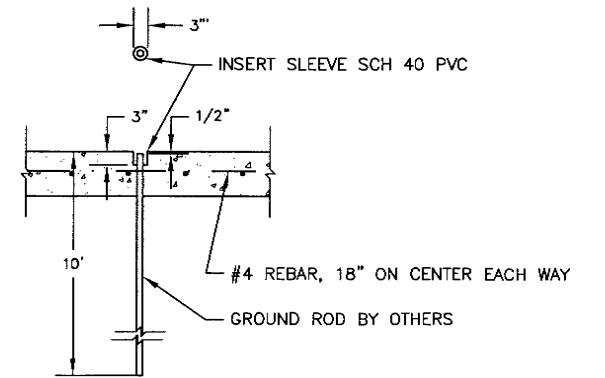
TYPICAL CONCRETE PAD, PLAN VIEW
NTS



HYDRANT CASTING ADDITIONAL REINFORCEMENT
NTS

NOTES

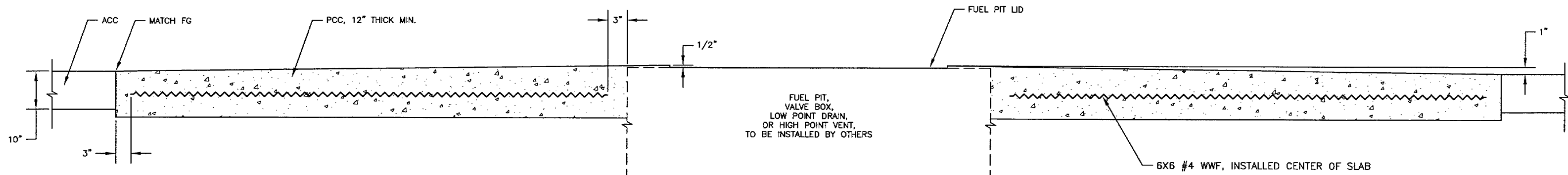
1. CONCRETE PROTECTION FOR ADDITIONAL REINFORCEMENT SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF ACI 318.
2. INSTALL REINFORCEMENT AT MID-DEPTH OF SLAB.



GROUND ROD DETAIL
NTS

NOTES

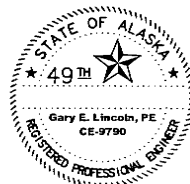
1. INSTALL REINFORCEMENT MID-DEPTH OF SLAB.



CONCRETE PAD TYPICAL SECTION
NTS

NOTES

1. 10' UNLESS OTHERWISE SPECIFIED IN THE PLANS.
2. ALL FUEL PIT REMOVAL AND INSTALLATION BY ASIG OR THEIR REPRESENTATIVE.



BY	DATE	REVISION

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CENTRAL REGION

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CONCOURSE A APRON RECONSTRUCTION
PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
FUEL HYDRANT PAD DETAILS

DATE:
1/3/2011
SHEET:
42 OF 51
AS-BUILT SHEET:



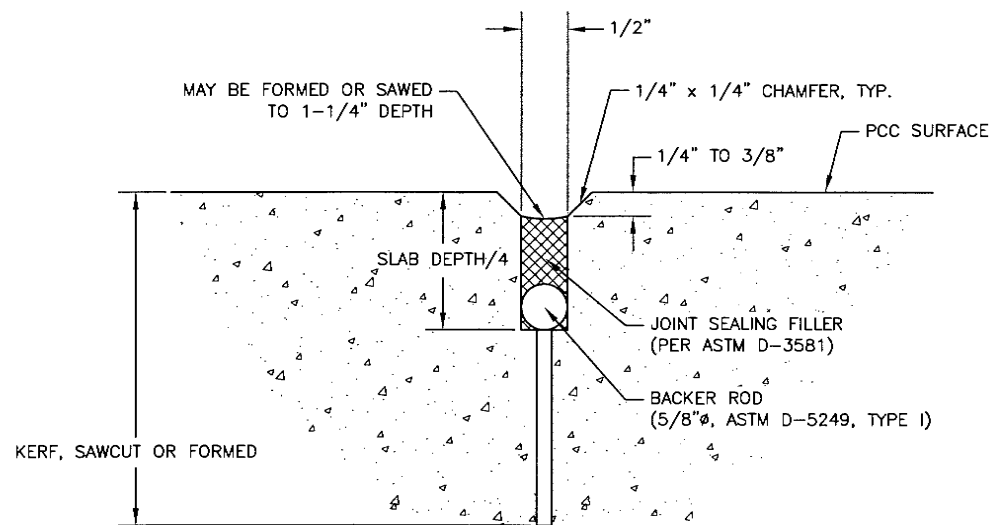
BY	DATE	REVISION

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CENTRAL REGION**

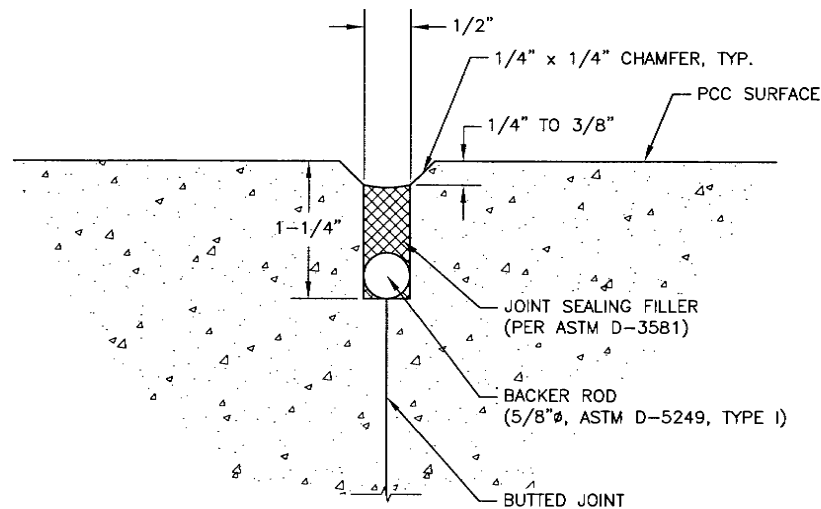
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
CONCOURSE A APRON RECONSTRUCTION
PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
BOLLARD DETAILS

DATE:	1/3/2011
SHEET:	43 OF 51
AS-BUILT SHEET	

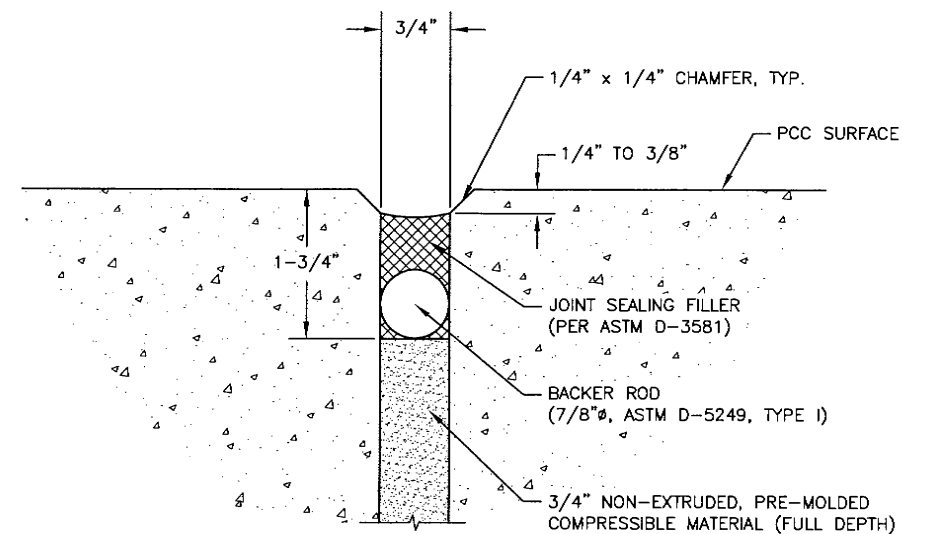
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Designed By: JH
Drawn By: JH
Checked By: JH



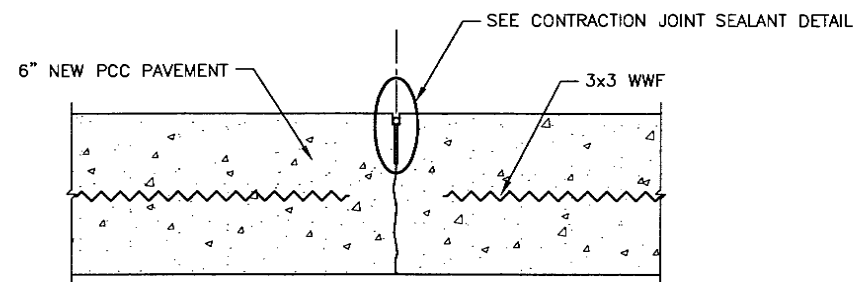
CONTRACTION JOINT SEALANT DETAIL
NTS



CONSTRUCTION JOINT SEALANT DETAIL
NTS



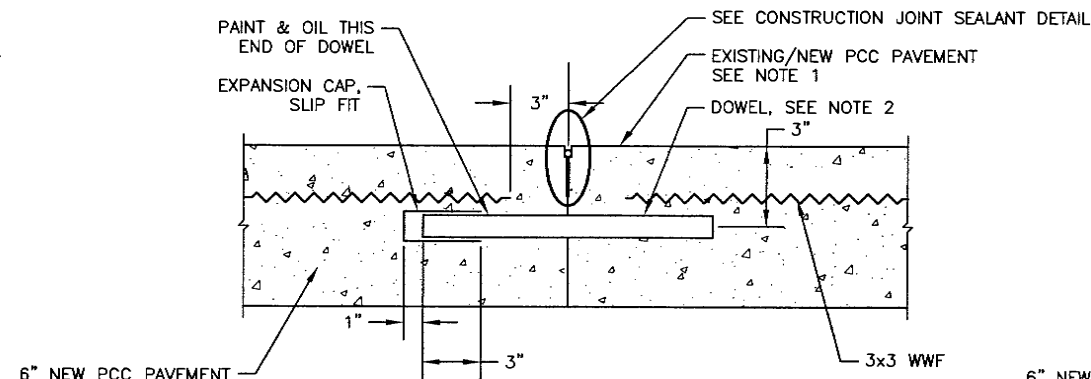
EXPANSION AND ISOLATION JOINT SEALANT DETAIL
NTS



PCC CONTRACTION JOINT DETAIL
NTS

NOTES

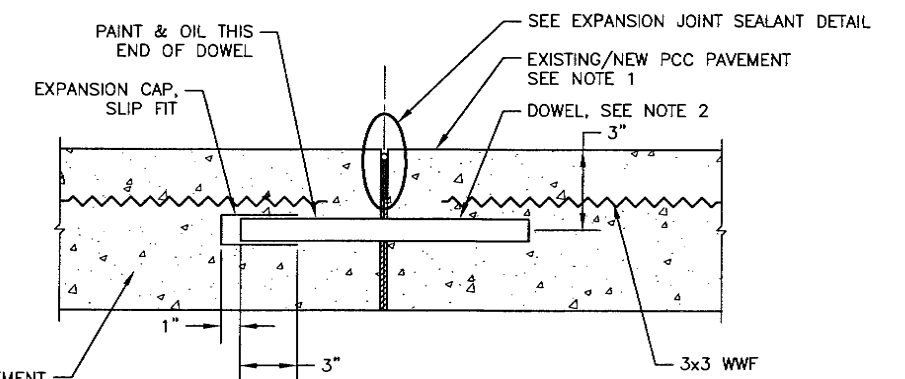
1. REINFORCEMENT IS NOT CONTINUOUS THROUGH JOINTS.



PCC CONSTRUCTION JOINT DETAIL
NTS

NOTES

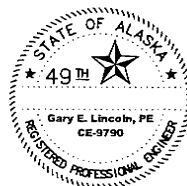
1. STEEL DOWELS SHALL BE PLACED AT ALL CONCRETE CONSTRUCTION JOINTS. EXISTING CONCRETE AS CALLED OUT IN THIS DETAIL INCLUDES CONCRETE PLACED BY THE CONTRACTOR AS PART OF THIS PROJECT.
2. DOWEL IS 3/4" x 19" PLACED 12" ON CENTER
3. REINFORCEMENT IS NOT CONTINUOUS THROUGH JOINTS.



PCC EXPANSION JOINT DETAIL
NTS

NOTES

1. STEEL DOWELS SHALL BE PLACED AT ALL CONCRETE CONSTRUCTION JOINTS. EXISTING CONCRETE AS CALLED OUT IN THIS DETAIL INCLUDES CONCRETE PLACED BY THE CONTRACTOR AS PART OF THIS PROJECT.
2. DOWEL IS 3/4" x 19" PLACED 12" ON CENTER.
3. REINFORCEMENT IS NOT CONTINUOUS THROUGH JOINTS.



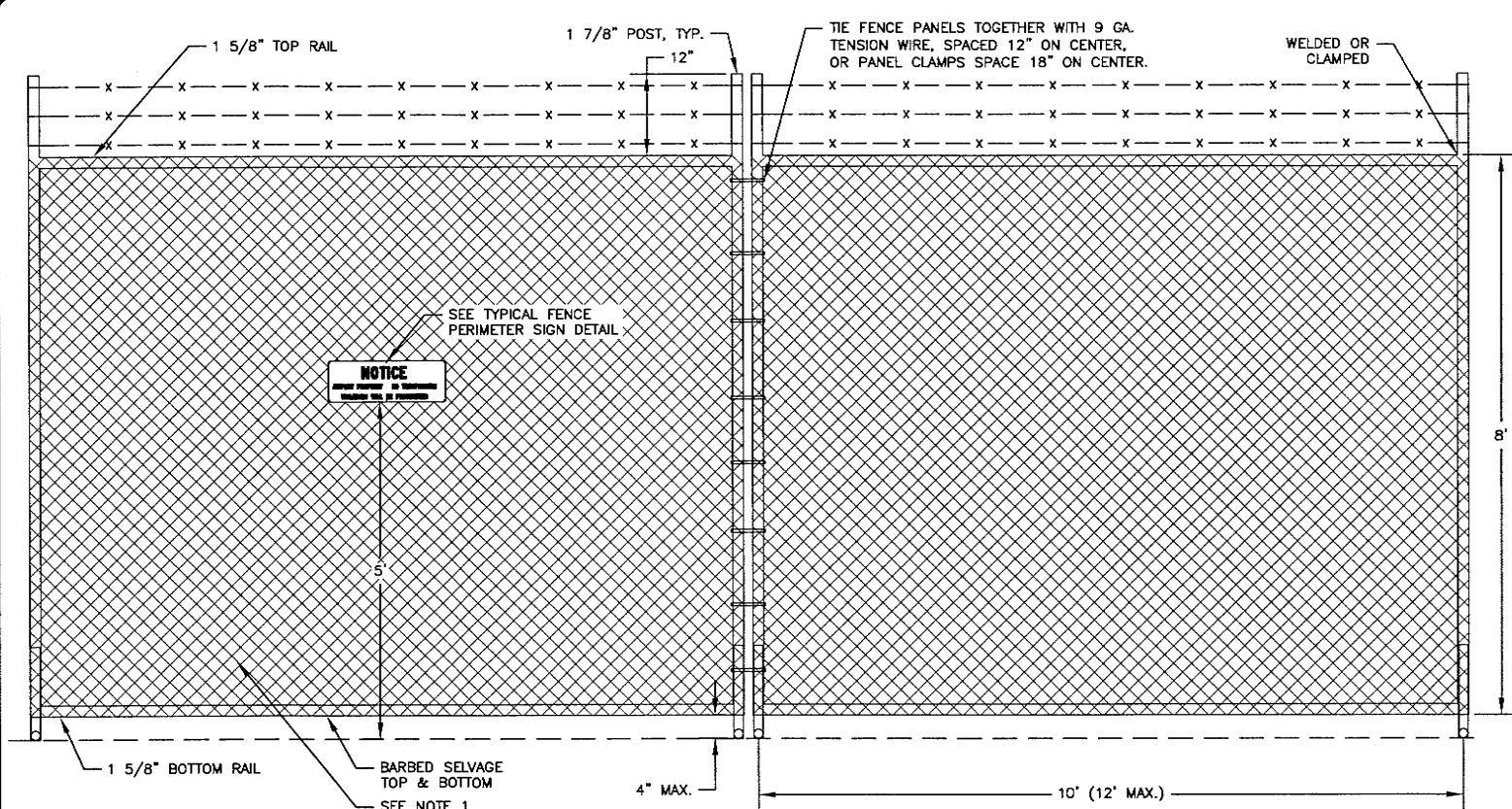
BY	DATE	REVISION

STATE OF ALASKA
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CENTRAL REGION

TED STEVENS ANCHORAGE
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CONCOURSE A APRON RECONSTRUCTION
PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
CONCRETE DETAILS

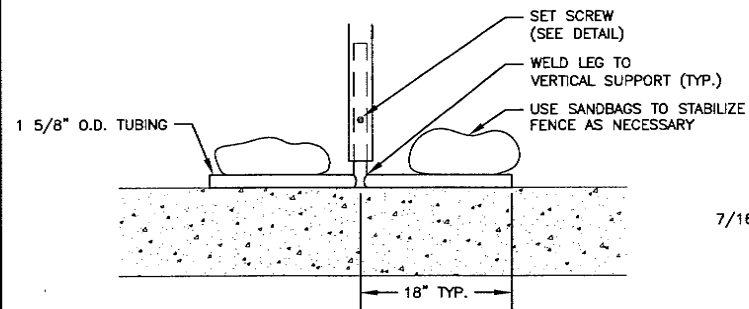
DATE: 1/3/2011
SHEET: 44 OF 51
AS-BUILT SHEET:

10/4/2011, 1:57 PM
Fence Detail 1
W:\Projects\AA Ted Stevens\A Con Apron Reconstruction\56224\Final Drawings\Fence Plan.dwg
Designed By: ###
Drawn By: ###
Checked By: ###



TYPICAL TEMPORARY FENCE PANEL

NTS

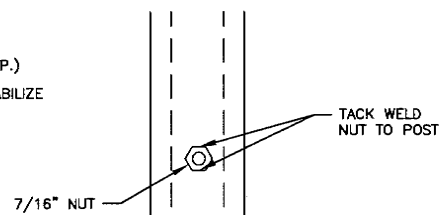


NOTES:

1. CORE HOLE FOR CONCRETE SCREWS AS REQUIRED BY THE MANUFACTURER.
2. PATCH HOLES IMMEDIATELY AFTER REMOVAL WITH EPOXY GROUT.

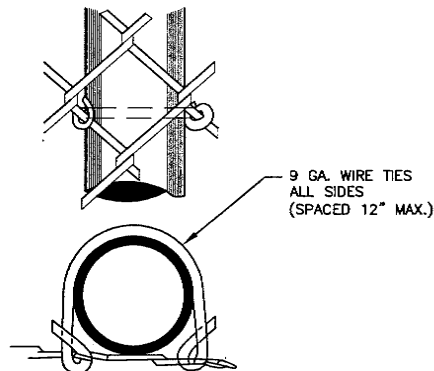
TYPICAL PANEL SUPPORT

NTS

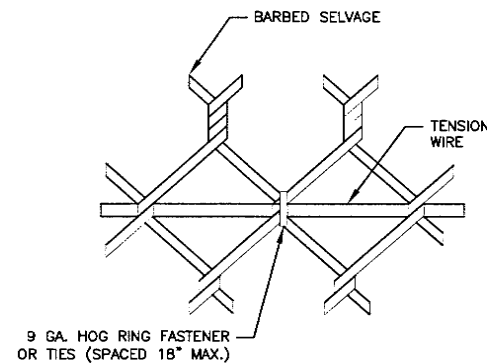


SET SCREW DETAIL

NTS



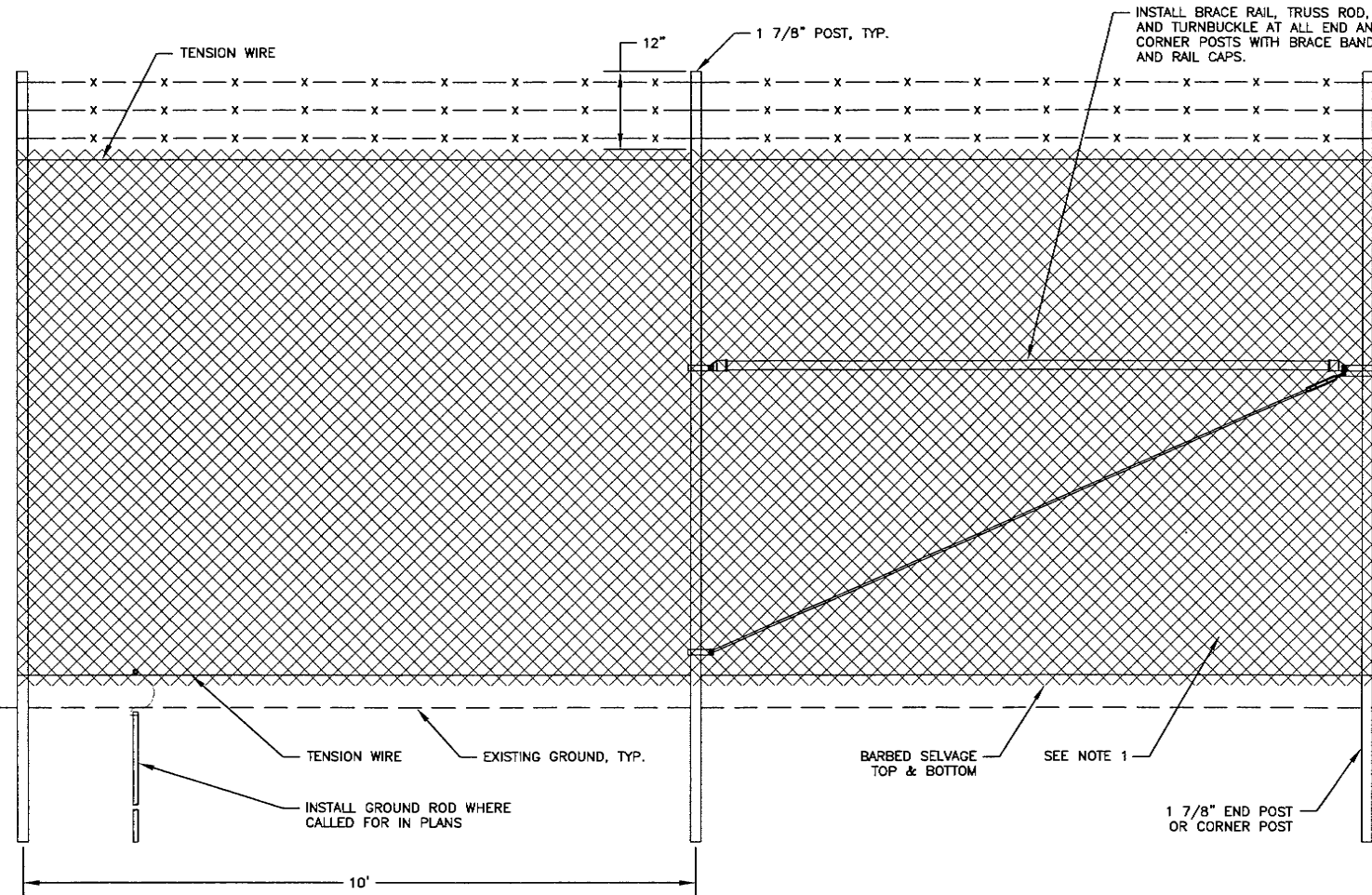
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NTS

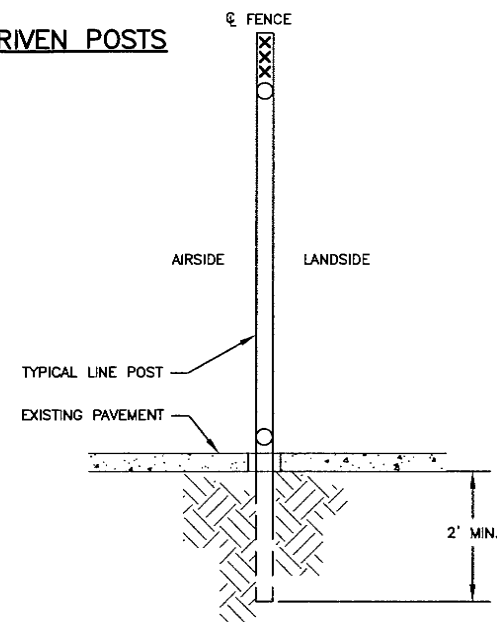
GENERAL NOTES:

1. INSTALL FENCE FABRIC AND BARBED WIRE TAUT ON PANELS. SECURE FABRIC TO POSTS AND RAILS EVERY 12". SECURE FABRIC TO TENSION WIRES WITH HOG RING FASTENERS EVERY 18" ON CENTER.
2. PROTECT WELDS AND AREAS OF GALVANIZATION DAMAGE BY FABRICATION BY HOT DIP GALVANIZING PANELS AFTER FABRICATION, OR APPLYING HIGH ZINC DUST CONTENT PAINT PER ASTM A-780 TO THE AFFECTED AREAS.



TYPICAL TEMPORARY FENCE WITH DRIVEN POSTS

NTS

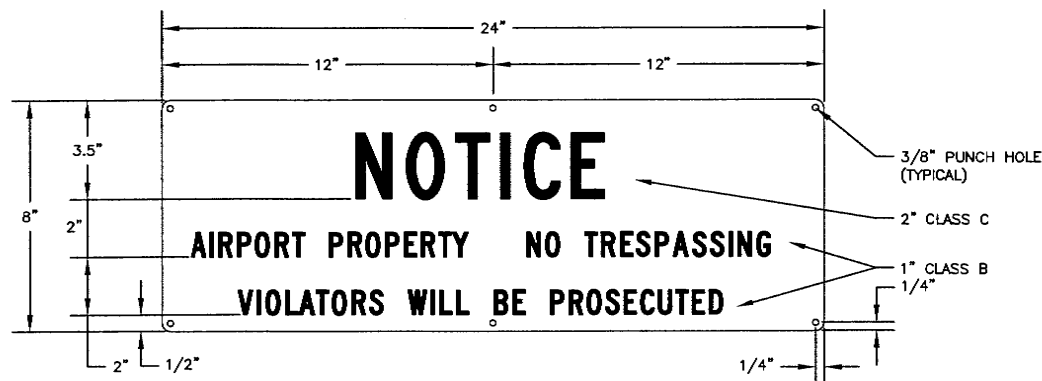


NOTE:

1. CORE HOLE JUST ADEQUATE FOR POST, THROUGH PAVEMENT, AND DRIVE IN LINE POST. SEAL PAVEMENT OPENING AROUND POST WITH CEMENT GROUT.

TYPICAL LINE POST DETAIL

NTS



NOTES:

1. "NOTICE" SIGN PLATES SHALL HAVE WHITE REFLECTIVE SHEETING BACKGROUND WITH RED LETTERING. CENTER LETTERS ON PLATE.
2. THE "NOTICE" SIGN PLATES SHALL BE PLACED EVERY 300 FEET AND ON ALL SHORTER FENCE SECTIONS..

TYPICAL FENCE PERIMETER SIGN DETAIL

NTS



BY	DATE	REVISION

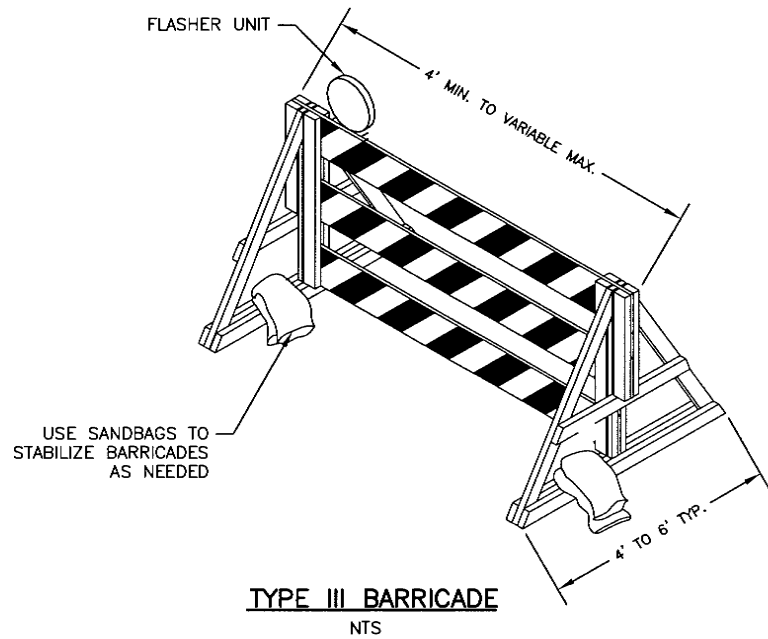
STATE OF ALASKA
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ANCHORAGE, ALASKA
CONCOURSE A APRON RECONSTRUCTION
PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
TEMPORARY FENCE DETAIL

DATE: 1/4/2011
SHEET: 45 OF 51
AS-BUILT SHEET:

Date Revised: 10/4/2011, 1:57 PM
 Layout Name: Hazard Marker Barrier Detail
 File Path and Name: W:\Projects\AA Ted Stevens\A Con Apron Reconstruction 56224\Final Drawings\Safety Planning

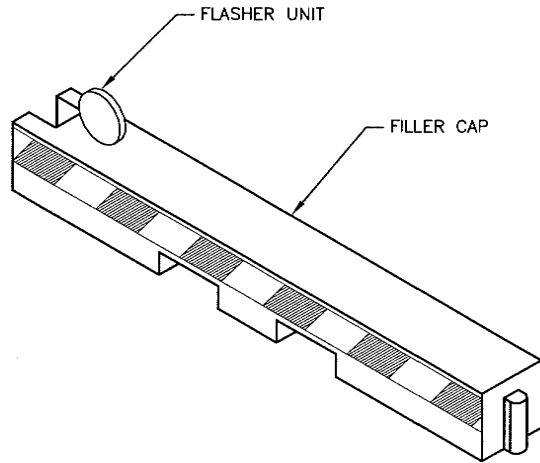
Designed By: ##
 Drawn By: ##
 Checked By: ##



TYPE III BARRICADE
 NTS

TYPE III BARRICADE NOTES:

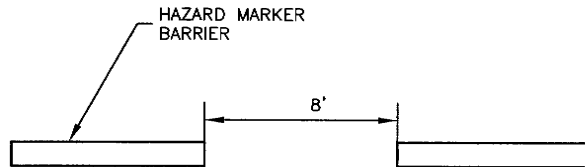
1. WEIGHTS OF CONCRETE, STONE OR BRICK SHALL NOT BE ALLOWED, AND WEIGHTS OTHER THAN SANDBAGS TO STABILIZE BARRICADES SHALL BE RIGIDLY ATTACHED TO THE BARRICADE AS NOT TO CREATE A HAZARD WHEN STRUCK BY A VEHICLE. BARRICADES SHALL BE ANCHORED DOWN TO WITHSTAND JET/PROP BLAST.



TYPICAL PLASTIC HAZARD MARKER BARRIER
 NTS

HAZARD MARKER BARRIER NOTES:

1. PLACE BARRIERS TO SEPARATE CONSTRUCTION AREAS FROM OPEN PORTIONS OF THE AIRPORT.
2. DISTANCE BETWEEN BARRIERS CAN BE ADJUSTED FOR CONSTRUCTION TRAFFIC.



HAZARD MARKER BARRIER PLAN
 NTS

GENERAL NOTES

1. FOLLOW FAA AC 150/5370-2E, OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION, AND FAA AC 150/5300-13, AIRPORT DESIGN, DURING CONSTRUCTION.
2. UNDERGROUND UTILITIES ARE PRESENT AND SHOWN AT APPROXIMATE LOCATIONS ON THE PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CALL FOR UTILITY LOCATES BEFORE DIGGING.
3. TAXIWAYS K AND L ARE TO REMAIN OPEN AT ALL TIMES DURING CONSTRUCTION AND THEIR SAFETY AREAS MUST REMAIN CLEAR AT ALL TIMES, WITH THE EXCEPTION OF PAINTING OPERATIONS ON THE TAXIWAY THEMSELVES. SEE TABLE 1 FOR DIMENSIONS.
4. TAXILANES AND APPROPRIATE APRON SPACE TO SUPPORT AIR OPERATIONS SHALL REMAIN OPEN DURING CONSTRUCTION. AIRCRAFT WINGTIP CLEARANCE MUST REMAIN CLEAR AT ALL TIMES. SEE TABLE 2 FOR AIRCRAFT TYPE AND DIMENSIONS. REASONABLE AND SAFE PEDESTRIAN ACCESS BETWEEN ALL AIRCRAFT AND THE TERMINAL SHALL BE AVAILABLE AT ALL TIMES.
5. ALL TUG ROADS ARE TO REMAIN OPEN DURING CONSTRUCTION. SEE PLANS FOR MINIMUM TUG ROAD WIDTHS.
6. MAINTAIN GROUND VEHICLE ACCESS TO ALASKA AIRLINES FACILITIES.
7. ALL TEMPORARY ACCESS SHALL BE MARKED BY BARRIERS, TEMPORARY STRIPING, OR OTHER APPROPRIATE MEANS AS APPROVED BY THE ENGINEER.
8. BLIND FLANGE TW EDGE LIGHTS AS IDENTIFIED ON PLANS AND AS DIRECTED BY ENGINEER FOR THE DURATION OF CONSTRUCTION IN AREA A. ALL LIGHTS ARE TO BE RESTORED TO EXISTING CONDITION AT PROJECT COMPLETION. WORK SHALL BE SUBSIDIARY TO TEMPORARY STRIPING.
9. AIRCRAFT OPERATIONS AREA (AOA) MUST REMAIN SECURE AT ALL TIMES. MAINTAIN FENCE AT ALL TIMES TO RESTRICT ALL ACCESS FOR THE DURATION OF CONSTRUCTION IN ACCORDANCE WITH THE CONSTRUCTION SAFETY PLAN AND GCP 70-21.
10. USE OF THE HANGAR TAXILANE IS RESTRICTED TO DASH 8 AIRCRAFT AND SMALLER DURING ALL PHASES OF CONSTRUCTION.
11. ALL WORK IN AREA B SHALL BE COMPLETED ON OR BEFORE MAY 31, 2011, OR WITHIN 30 DAYS OF NOTICE TO PROCEED.

STRUCTURAL WIDTH	100'
SHOULDER WIDTH	40'
SAFETY AREA WIDTH	262'
OBJECT FREE AREA WIDTH	386'*

*DURING CONSTRUCTION, IN COORDINATION WITH ANCHORAGE INTERNATIONAL AIRPORT OPERATIONS, THE TAXIWAY K AND TAXIWAY L OBJECT FREE AREA WILL BE REDUCED TO 276', CENTERED ON THE TAXIWAY Q.

AIRCRAFT	WINGSPAN	WINGTIP CLEARANCE (DISTANCE FROM CENTERLINE)
BEECH 1900	58'	45'
DASH 8	85'	61'
747-800	224'5"	138'

CONSTRUCTION PHASE	COMPLETION DATE	TAXIWAY CLOSURES
G	JUNE 1	TW G (TW G1 TO TW E)
		TW E (TW L TO TW K)
		TW E1 (AT TW E)
		TW L (TW E1 TO TW G1)*
B	JUNE 1	NONE
AREA 'A1' & 'A2': PHASE 1-3	SEPTEMBER 15	TW K (TW D TO TW C)*

*DURATION OF CLOSURE TO BE AS SHORT AS POSSIBLE. WORK REQUIRING TAXIWAY CLOSURE IS PAINT MARKING REMOVAL AND RE-PAINTING.



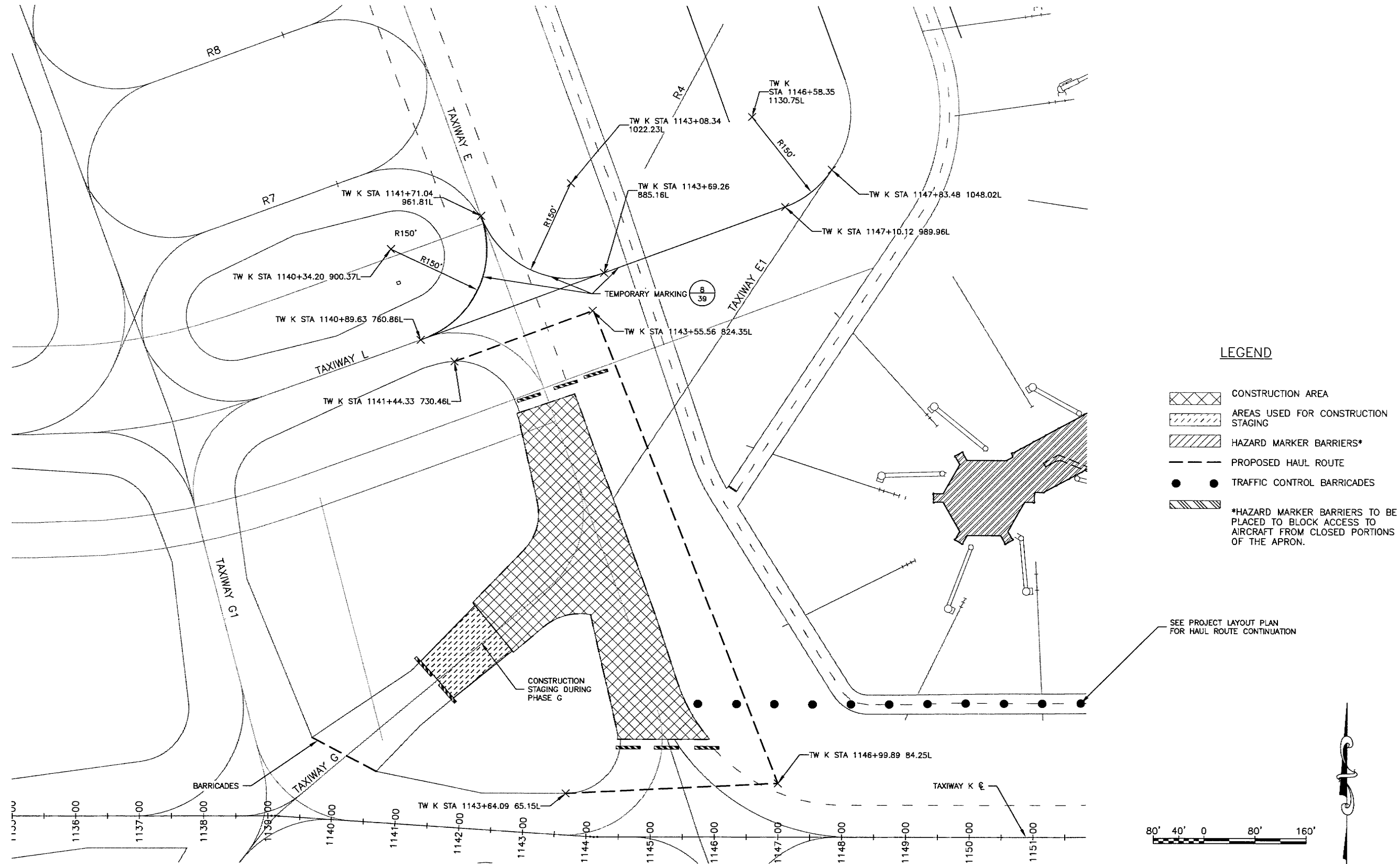
BY	DATE	REVISION

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 CENTRAL REGION

TED STEVENS ANCHORAGE
 ANCHORAGE, ALASKA
 CONCOURSE A APRON RECONSTRUCTION
 PROJECT No. 56224
 AIP No. 3-02-0016-XXX-2011
 PHASING PLAN

DATE: 1/4/2011
 SHEET:
 46 OF 51
 AS-BUILT SHEET:

Date Revised: 10/02/2011, 1:57 PM
Layout Name: Phase G
File Path and Name: W:\Projects\AAA Ted Stevens\A Con Apron Reconstruction_5622A Final Drawings\Phasing Plan.dwg
Designed By: ###
Drawn By: ###
Checked By: ###



AREA 'G' PHASE I



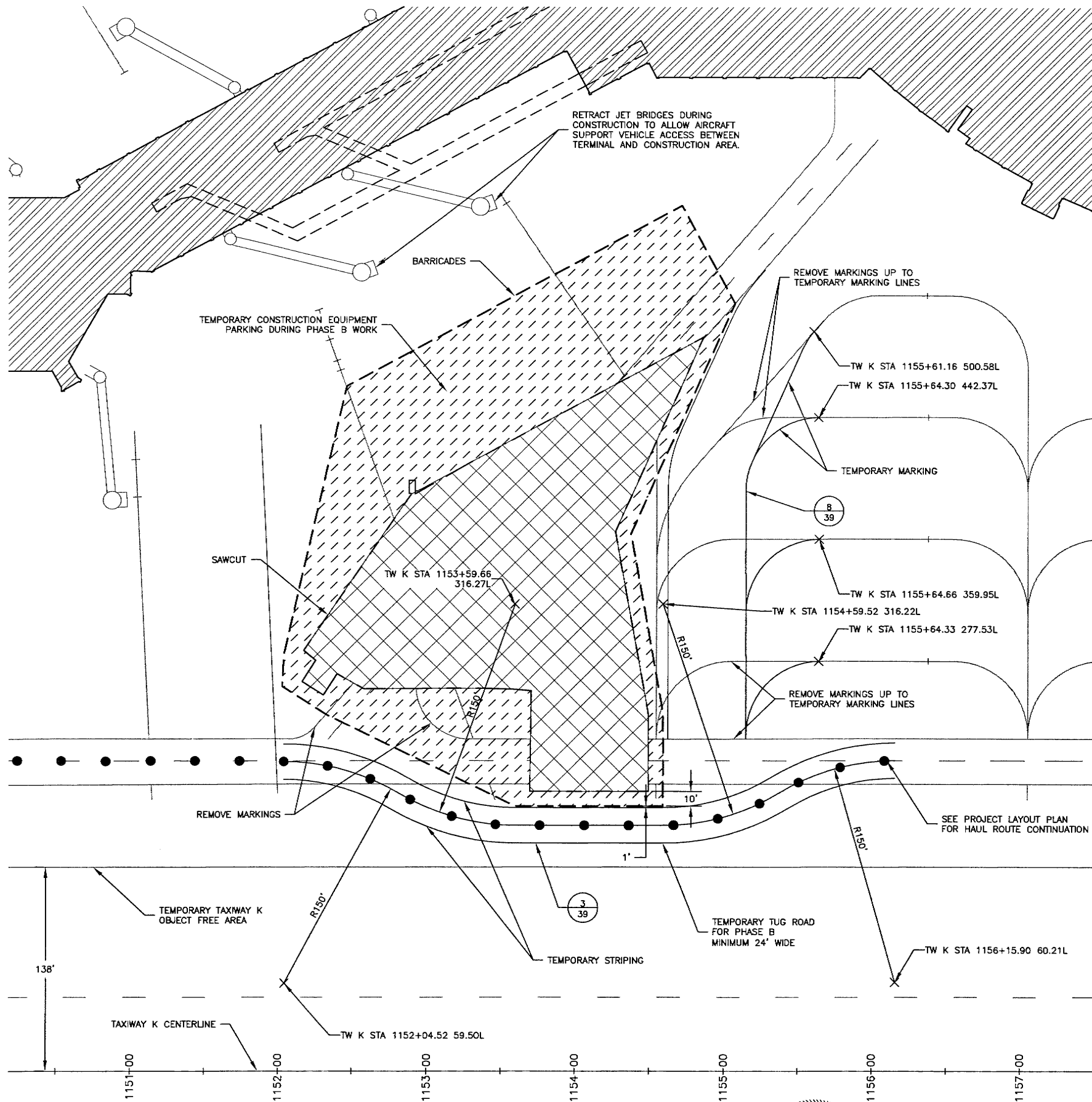
BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

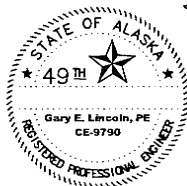
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
CONCOURSE A APRON RECONSTRUCTION
PROJECT No. 5622A
AIP No. 3-02-0016-XXX-2011
PHASING PLAN

DATE: 1/4/2011
SHEET: 47 OF 51
AS-BUILT SHEET:

Date Revised: 10/2/2011, 1:57 PM
Layout Name: Phase B
File Path and Name: W:\Projects\AA Ted Stevens\A Con Apron Reconstruction_56224\Final Drawings\Phasing Plan.dwg
Designed By: ###
Drawn By: ###
Checked By: ###



AREA 'B' PHASE I



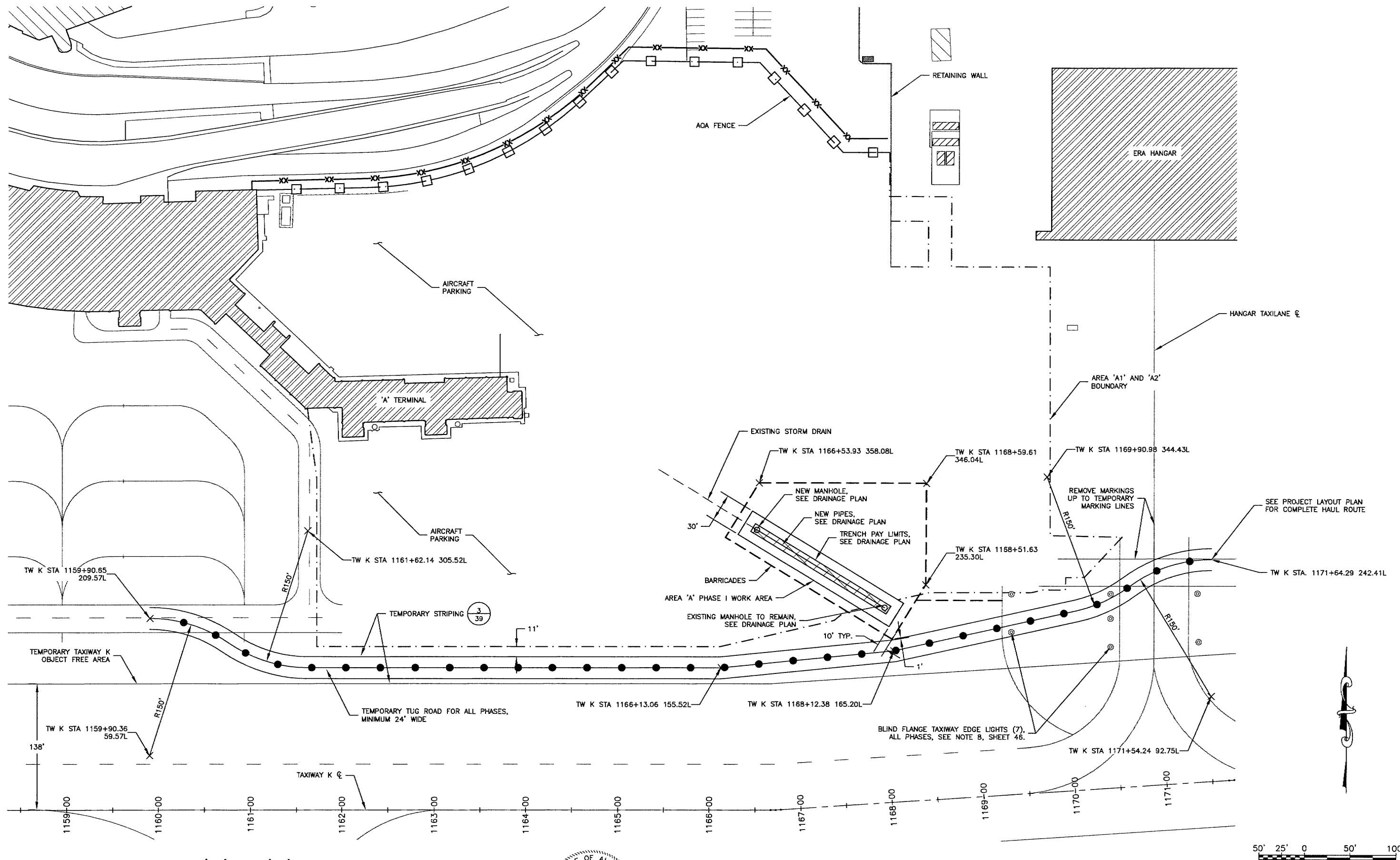
BY	DATE	REVISION

STATE OF ALASKA
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TED STEVENS ANCHORAGE
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CONCOURSE A APRON RECONSTRUCTION
PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
PHASING PLAN

DATE: 1/4/2011
SHEET: 48 OF 51
AS-BUILT SHEET:

Date Revised: 1/4/2011 1:57 PM
Layout Name: Phase A1
File Path and Name: W:\Projects\AA Ted Stevens A Con Apron Reconstruction_56224\Final Drawings\Phasing Plan.dwg
Designed By: ###
Drawn By: ###
Checked By: ###



AREA 'A1' AND 'A2' PHASE I



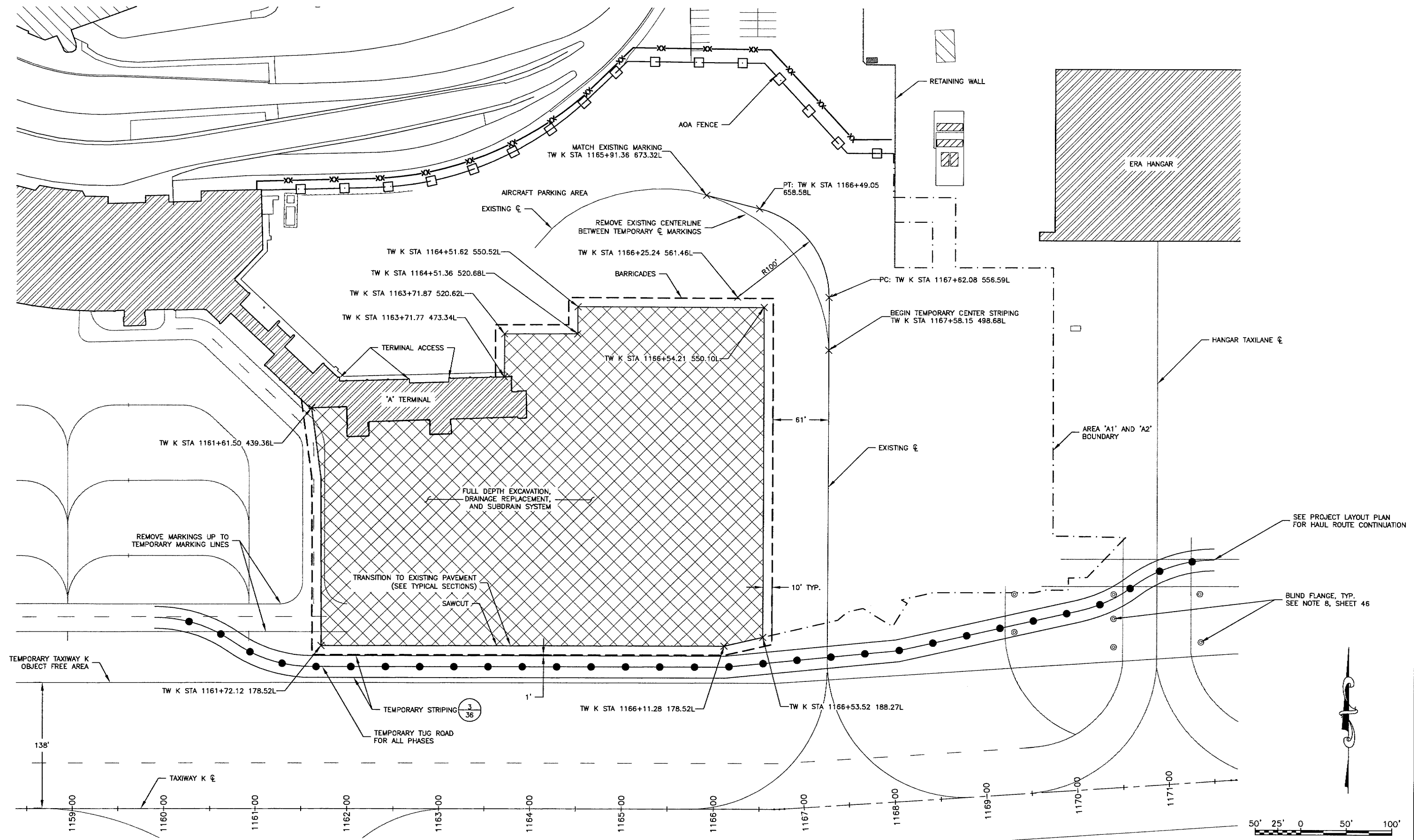
BY	DATE	REVISION

STATE OF ALASKA
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CONCOURSE A APRON RECONSTRUCTION
PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
PHASING PLAN

DATE:
1/4/2011
SHEET:
49 OF 51
AS-BUILT SHEET:

Date Revised: 1/4/2011 1:57 PM
Layout Name: Phase A2
File Path and Name: W:\Projects\AA Ted Stevens\A Con Apron Reconstruction_5622A\Final Drawings\Phasing Plan.dwg
Designed By: ###
Drawn By: ###
Checked By: ###



AREA 'A1' AND 'A2' PHASE II



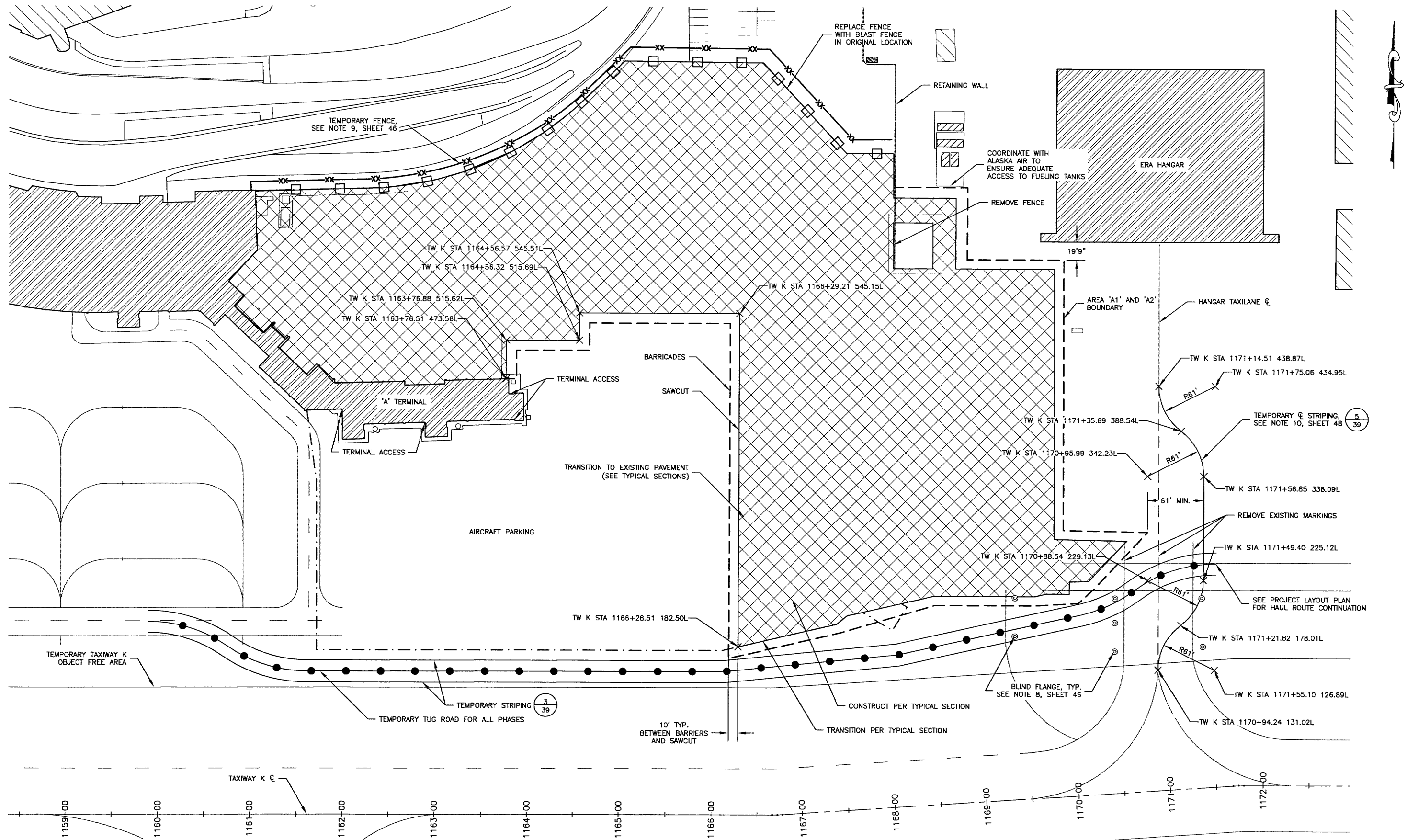
BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
CONCOURSE A APRON RECONSTRUCTION
PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
PHASING PLAN

DATE: 1/4/2011
SHEET: 50 OF 51
AS-BUILT SHEET:

Date Revised: 10/4/2011 1:50 PM
Layout Name: Phase A3
File Path and Name: W:\Projects\AA Ted Stevens\AA Con Apron Reconstruction_5622A\Final Drawings\Phasing Plan.dwg
Designed By: JH
Drawn By: JH
Checked By: JH



AREA 'A1' AND 'A2' PHASE III



BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
CONCOURSE A APRON RECONSTRUCTION
PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
PHASING PLAN

DATE: 1/4/2011
SHEET: 51 OF 51
AS-BUILT SHEET:

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	AKSAS 52405/53201 AIP No. 3-02-0016-____-2011	2011	A3	A3

HORIZONTAL CONTROL STATEMENT

Coordinate System:
This project is located entirely within the Anchorage Bowl 2000 adjustment, a local surface grid coordinate system expressed in U.S. Survey feet units 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 303939.2310 N, 353362.5446 E. U.S. Survey Feet.

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 49488.4476 feet from NGS Station O'Malley. NGS Station Loop 2 USE RM 3 1964 has Anchorage Bowl 2000 coordinates of 353405.2778 N, 354851.3982 E. U.S. Survey Feet.

Translation Parameters:
To convert the local coordinates to NAD83 (92) State Plane coordinates expressed in U.S. Survey Feet, translate using +2296868.6878 N usf, +1312517.4904 E usf, and scale using 0.9998910192.

NOTES

- 1) Measured project control coordinates shown on this plat were established by using least-squares adjusted conventional closed-traverse techniques.
- 2) Measured project control elevations shown on this plat were established by AK DOT using third order differential leveling techniques using a Leica DNA-03 Digital Level.
- 3) All dimensions and coordinates shown are in U.S. Survey Feet unless otherwise noted.
- 4) This survey was completed between June 13 through July 8, 2005.
- 5) Map information outside the survey area is from Anchorage International Airport (AIA) basemap drawings by Alaska DOT&PF.

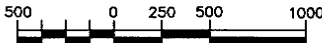
Ted Stevens International Airport Vertical Control						
Primary Vertical Control						
MSL as verified by a series of level loops performed by AKDOT between the following benches.						
		Elevation				
		USC&GS	MOA			
Pt#	Description	US Feet	US Feet	Meters	Location	
1685	L-31 RESET	92.087	91.776	27.973	Fd. BC [AK DOT]: AIA Control Tower	
The Municipality of Anchorage (MOA) datum and the USC&GS datum at the airport do not agree, most probably due to the fact that the USC&GS did not adjust the airport spur run after 1965. It has been determined, through differential level loops performed by AKDOT and R&M Consultants, that the average difference between the MOA and USC&GS datum is 0.311 feet. For all work performed at the airport we will use the MOA datum. To convert from USC&GS elevations to MOA elevations, subtract 0.311.						
Additional Vertical Control						
		MOA				
Pt#	Description		US Feet	Meters	Location	
1675	NW-1		140.636	42.866	Set BC/SSR* [AKDOT 1998]: Encased with well casing South of A-102 along fence line	
1678	S-2		109.718	33.442	Set BC/SSR* [AKDOT 1998]: Encased in well casing 18feet East of Gate S-2	
1682	NE-1		84.836	25.858	Set BC/SSR* [AKDOT 1998]: Encased in well casing @ jog in fence West Postmark Dr./Taxiway	
7R	BM 7R		112.79~	34.378~	Set BC/SSR* [AKDOT 2005]: Encased in well casing ~Elevation adjusted 11/8/2010	
25L	BM 25L		95.31	29.051	Set BC/SSR* [AKDOT 2005]: Encased in well casing	
Hotel	BM Hotel		116.83	35.610	Set BC/SSR* [AKDOT 2005]: Encased in well casing	
* Stainless Steel Rod						

Survey Control Legend

CP Survey Control Point

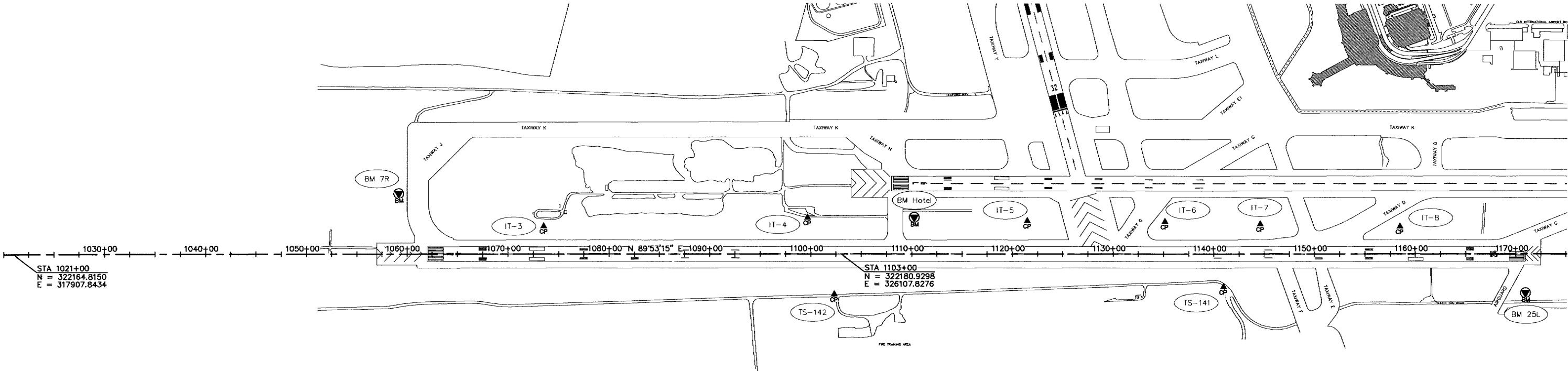
BM Primary Vertical Benchmark

AK
DOT
Typical Survey Control Point
DOT Plastic Cap on
5/8 x 30" Rebar



U.S. SURVEY FEET

13N 4W
S. M.
SEC. 32, 33, 34



Survey Control Points					
Point	7R/25L Sta	Offset	Northing	Easting	Description
3	1073+52.45	277.11 Lt	322452.2467	323159.7352	IT-3
4	1099+67.86	362.55 Lt	322542.8281	325774.9725	IT-4
5	1121+47.24	330.08 Lt	322514.6408	327954.4122	IT-5
6	1135+11.09	321.77 Lt	322509.0116	329318.2820	IT-6
7	1144+60.43	294.88 Lt	322483.9825	330267.6661	IT-7
8	1158+44.89	273.76 Lt	322465.5820	331652.1681	IT-8
141	1140+94.58	327.20 Rt	321861.1862	329903.0432	TS-141
142	1102+32.11	400.75 Rt	321780.0466	326040.7228	TS-142
301	1110+24	365 Lt	322548	326831	BM Hotel
302	1059+18	602 Lt	322775	321724	BM 7R
303	1170+95	386 Rt	321808	332903	BM 25L

Surveyor's Certificate

I hereby certify that I am properly Registered and Licensed to practice Land Surveying in the State of Alaska, and that this drawing represents a survey made by me or under my direct supervision, and that the monuments shown hereon actually exist as described, and that all dimensions and other details are correct to the extent shown hereon.

Anthony P. Boneta

LS-10393

Date



**STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
Survey Control Sheet**

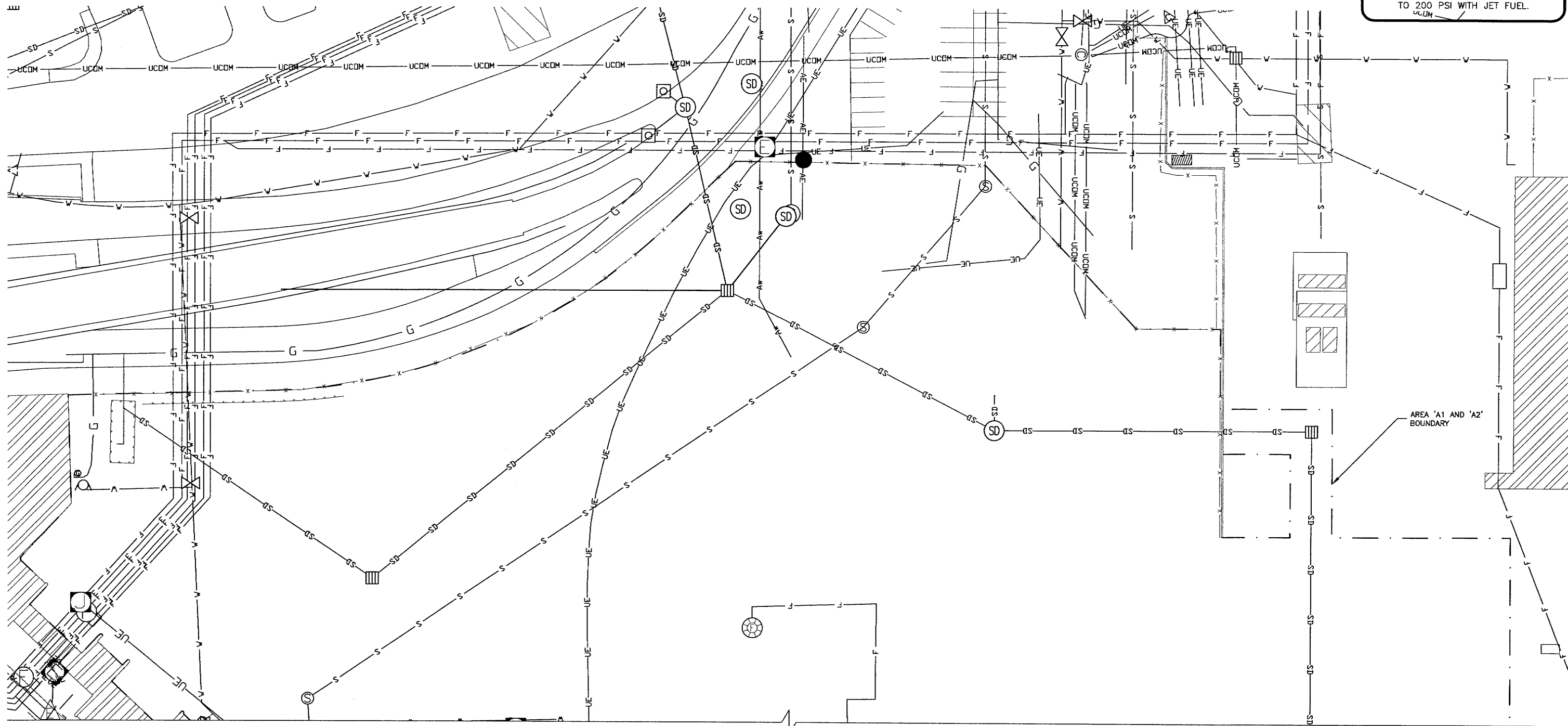
AKSAS Project No. 52405/53201

**TED STEVENS INTERNATIONAL AIRPORT
RUNWAY 7R/25L REHABILITATION/EXTENSION**

Within Sections 32, 33, & 34, T. 13 N., R. 4 W., S.M. AK

DRAWN	RMK	DATE	1/4/2011	SCALE	1"=500'
CHECKED	APB	DATE	1/4/2011	SHEET	1 OF 1

DANGER DANGER
BURIED FUEL LINES ARE PRESSURIZED
TO 200 PSI WITH JET FUEL.



AREA 'A1' AND 'A2'
BOUNDARY

MATCHLINE SEE SHEET 2

LEGEND

- W — WATER LINE
- SD — STORM DRAIN LINE
- S — SANITARY SEWER LINE
- F — FUEL LINE
- UE — UNDERGROUND ELECTRIC LINE
- AE — ABANDONED ELECTRIC LINE
- AUE — AIRFIELD UNDERGROUND ELECTRIC LINE
- FUE — FACILITIES UNDERGROUND ELECTRIC LINE
- UCDM — COMMUNICATION LINE
- X — FENCE
- ⊗ — WATER VALVE
- ⊙ — FIRE HYDRANT
- ⊕ — SANITARY SEWER MANHOLE
- ⊕ — EMERGENCY FUEL SHUT OFF
- ⊕ — FUEL HYDRANT PIT
- ⊕ — HIGH POINT VENT
- ⊕ — LOW POINT DRAIN
- ⊕ — TAXIWAY LIGHT
- ⊕ — COMMUNICATION PEDESTAL
- ⊕ — COMMUNICATION MANHOLE
- ⊕ — ELECTRIC TRANSFORMER
- ⊕ — ELECTRIC MANHOLE OR HANDHOLE
- ⊕ — FUEL MANHOLE
- ⊕ — STORM DRAIN INLET
- ⊕ — STORM DRAIN MANHOLE

NOTES

1. ALL EXISTING UTILITY LOCATIONS AND ELEVATIONS ARE APPROXIMATE AND BASED ON BEST AVAILABLE SURVEY AND AS-BUILT INFORMATION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY AND LOCATE UTILITIES IN ACCORDANCE WITH SPECIFICATION SECTION 50-06.

**EXISTING UTILITIES
AREA 'A1' AND 'A2' NORTH**



BY	DATE	REVISION

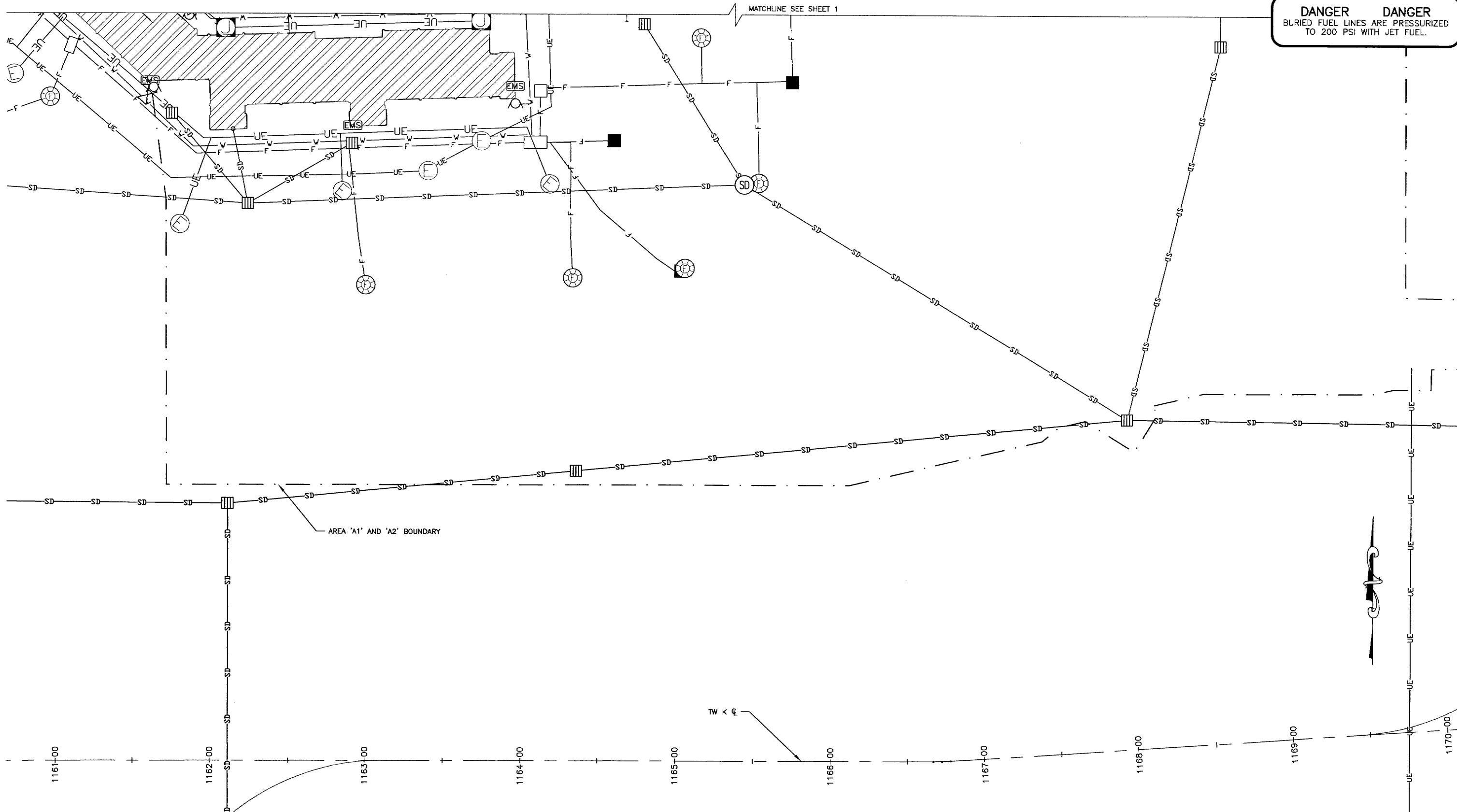
**STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION**

**TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA**
CONCOURSE A APRON RECONSTRUCTION
PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
EXISTING UTILITIES
AREA 'A1' AND 'A2' NORTH

DATE: 1/3/2011
SHEET: 1 OF 4
AS-BUILT SHEET:

Date Revised: 10/2/2011, US P4
Layout Name: Existing Utilities Area A North
File Path and Name: W:\Projects\AIA Ted Stevens\A Con Apron Reconstruction\56224\Final Drawings\Existing Utilities Plan.dwg
Designed By: JJJ
Drawn By: JJJ
Checked By: JJJ

Date: 10/2/2011 1:58 PM
Layout Name: Existing Utilities Area A South
File Path and Name: W:\Projects\AA Ted Stevens\A Con Apron Reconstruction_56224\Final Drawings\Existing Utilities Plan.dwg
Designed By: JH
Drawn By: JH
Checked By: JH



DANGER DANGER
BURIED FUEL LINES ARE PRESSURIZED
TO 200 PSI WITH JET FUEL.

**EXISTING UTILITIES
AREA 'A1' AND 'A2' SOUTH**



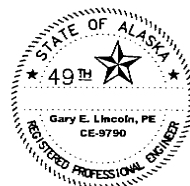
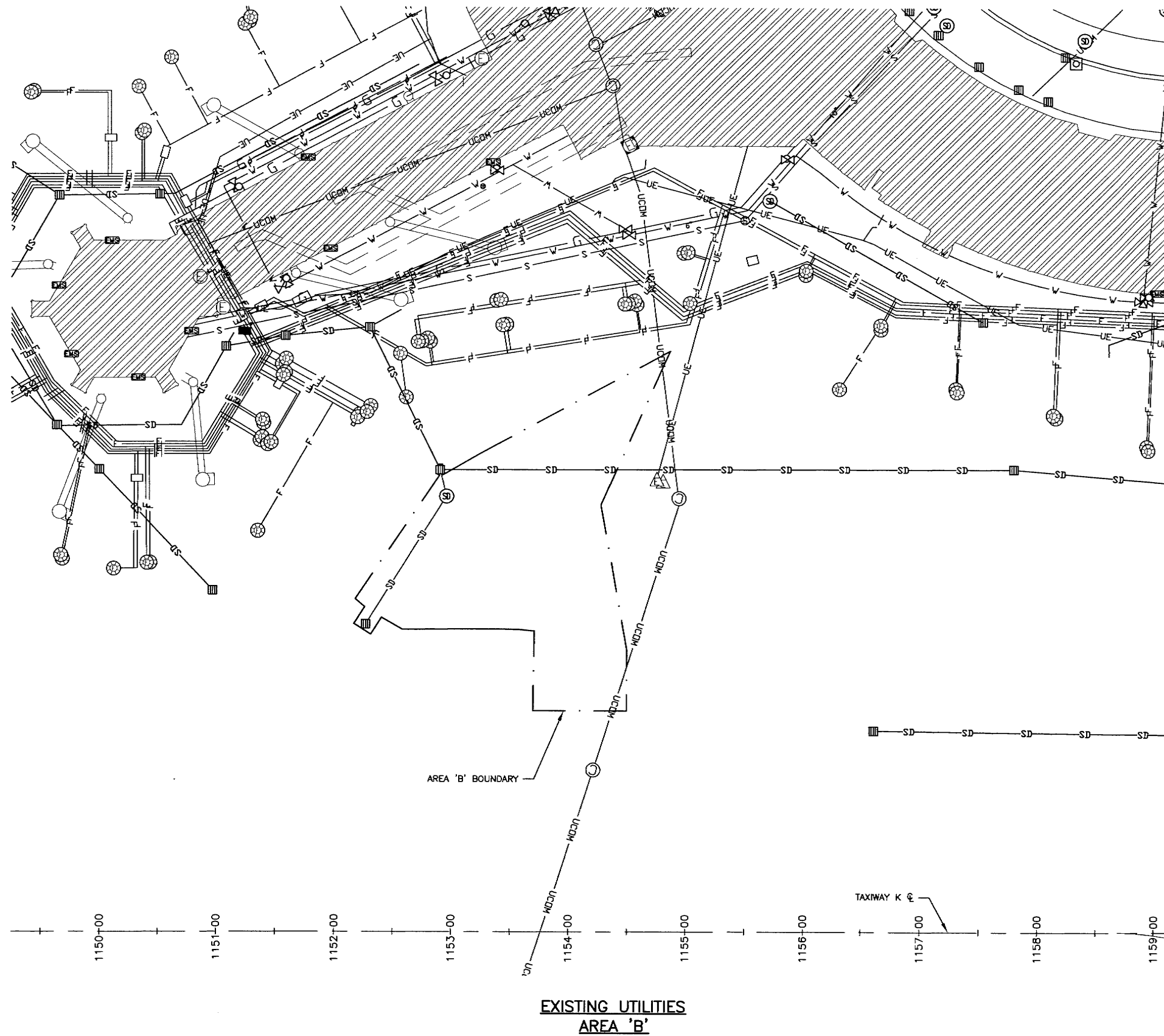
BY	DATE	REVISION

**STATE OF ALASKA
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CENTRAL REGION**

**TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
CONCOURSE A APRON RECONSTRUCTION
PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
EXISTING UTILITIES
AREA 'A1' AND 'A2' SOUTH**

DATE: 1/3/2011
SHEET: 2 OF 4
AS-BUILT SHEET:

Date Revised: 10/2/2011, 1:58 PM
Layout Name: Existing Utilities Area B
File Path and Name: W:\Projects\AAA Ted Stevens\A Con Apron Reconstruction_56224\Final Drawings\Existing Utilities Plan.dwg
Designed By: ###
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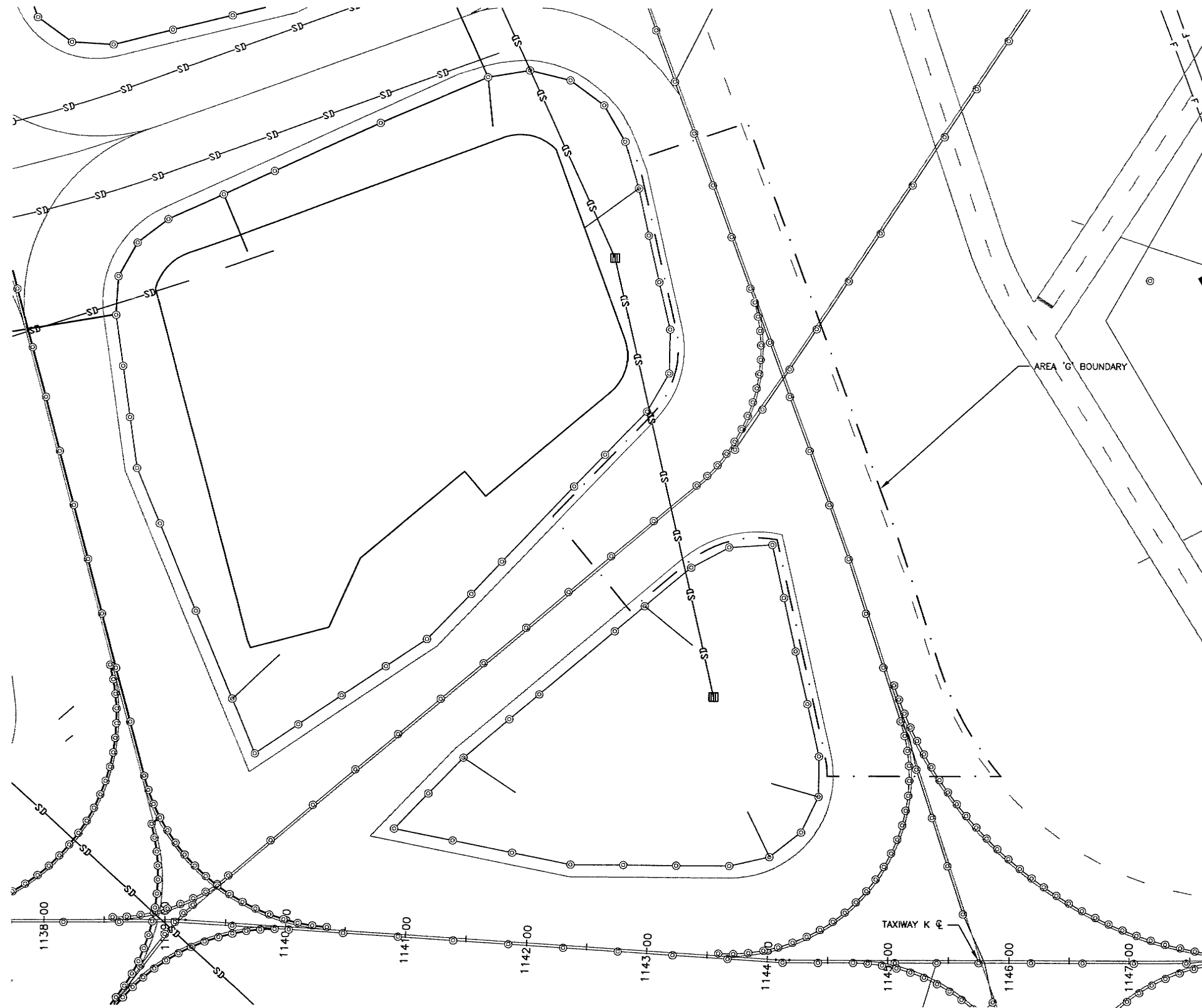
BY	DATE	REVISION

STATE OF ALASKA
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CENTRAL REGION

TED STEVENS ANCHORAGE
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CONCOURSE A APRON RECONSTRUCTION
PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
EXISTING UTILITIES
AREA 'B'

DATE: 1/3/2011
SHEET: 3 OF 4
AS-BUILT SHEET:

Date Revised: 10/2/2011, 1:58 PM
Layout Name: Existing Utilities Area G
File Path and Name: W:\Projects\AA Ted Stevens\A Con Apron Reconstruction_5622A\Final Drawings\Existing Utilities Plan.dwg
Designed By: JH
Drawn By: JH
Checked By: JH



EXISTING UTILITIES
AREA 'G'



BY	DATE	REVISION

STATE OF ALASKA
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CONCOURSE A APRON RECONSTRUCTION
PROJECT No. 56224
AIP No. 3-02-0016-XXX-2011
EXISTING UTILITIES
AREA 'G'

DATE: 1/3/2011
SHEET: 4 OF 4
AS-BUILT SHEET: