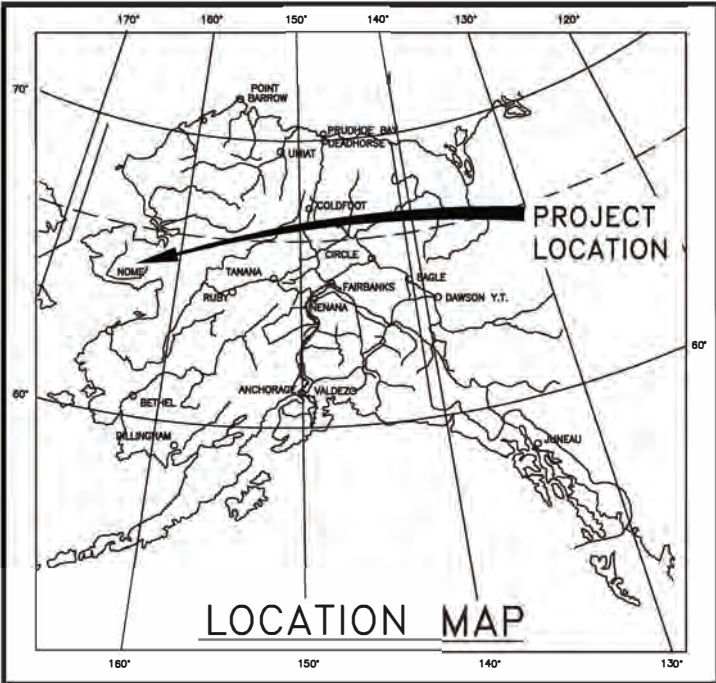


PLANS DEVELOPED BY: STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES, NORTHERN REGION, 2301 PEGER ROAD, FAIRBANKS, AK 99709 (907) 451-2200
N:\Projects\17258FB-Seppala\C\0001.cnst-17258FB-A1 Tue, Jul/15/25 09:10am



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

PROPOSED HIGHWAY PROJECT
000S828/Z620030000
SEPPALA DRIVE UPGRADE
GRADING, DRAINAGE, AND PAVING

PROPOSED UTILITY PROJECT
NRMS00795
SEPPALA DRIVE UPGRADE – NJUS SEWER & WATER BETTERMENT

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	A1	185
			CDS ROUTE: 168100		MILEPOINT: 0.00 TO 1.32		

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
A1	TITLE SHEET
A2–A3	LEGEND, GENERAL NOTES AND ABBREVIATIONS
A4–A10	SURVEY CONTROL
A11–A14	ALIGNMENT CONTROL PLAN
B1–B5	TYPICAL SECTIONS
C1–C2	ESTIMATE OF QUANTITIES
D1–D3	SUMMARY TABLES
E1–E3	GUARDRAIL, CULVERT AND FENCE DETAILS
E4–E5	FISH PASSAGE CULVERT DETAILS
E6–E7	CULVERT GRATES DETAILS
E8	PUMPING DETAIL
F1–F27	PLAN & PROFILES
G1–G21	GRADING PLANS & CONTROL POINTS
G22–G28	DETAILS
H1–H15	SIGNING & STRIPING NOTES AND DETAILS
H16–H17	ILLUMINATION
Q1–Q9	EROSION SEDIMENT CONTROL PLANS
T1–T7	CONSTRUCTION SAFETY PHASING PLAN
U1–U2	STORM DRAIN PLAN AND PROFILES
U100–U114	WATER AND SEWER PLANS
V1–V48	STANDARD PLANS

THE FOLLOWING STANDARD PLANS APPLY TO THIS PROJECT:

C–03.30, C–04.12, C–05.20 C–06.00
D–01.02, D–04.22, D–06.10, D–08.00, D–09.00, D–14.10, D–20.05, D–22.01, D–24.00 D–26.04, D–30.11
E–09.00
F–01.04, F–03.02
G–00.05, G–04.00, G–05.11S, G–10.21,G–14.01, G–20.12, G–32.04, G–33.01
I–20.20, I–21.12, I–81.00
L–03.12, L–23.03, L–26.10
M–25.00
S–00.12, S–01.02, S–05.02, S–20.11, S–30.05, S–31.02, S–32.02
T–05.10, T–20.04, T–21.04, T–22.04

DESIGN DESIGNATIONS

ADT (2018)	2,300
ADT (2045)	2,920
DHV (%)	360
PERCENT TRUCKS (T)	5.45%
DIRECTIONAL SPLIT (D)	40% 60%
DESIGN SPEED (V)	30 MPH
DESIGN EAL'S (2020 YEARS)	473,115

PROJECT SUMMARY

WIDTH OF PAVEMENT	10–46 FT.
LENGTH OF GRADING	8035
LENGTH OF PAVING	8035
LENGTH OF PROJECT	8035

CHRISTOPHER JOHNSTON, P.E., PROJECT MANAGER

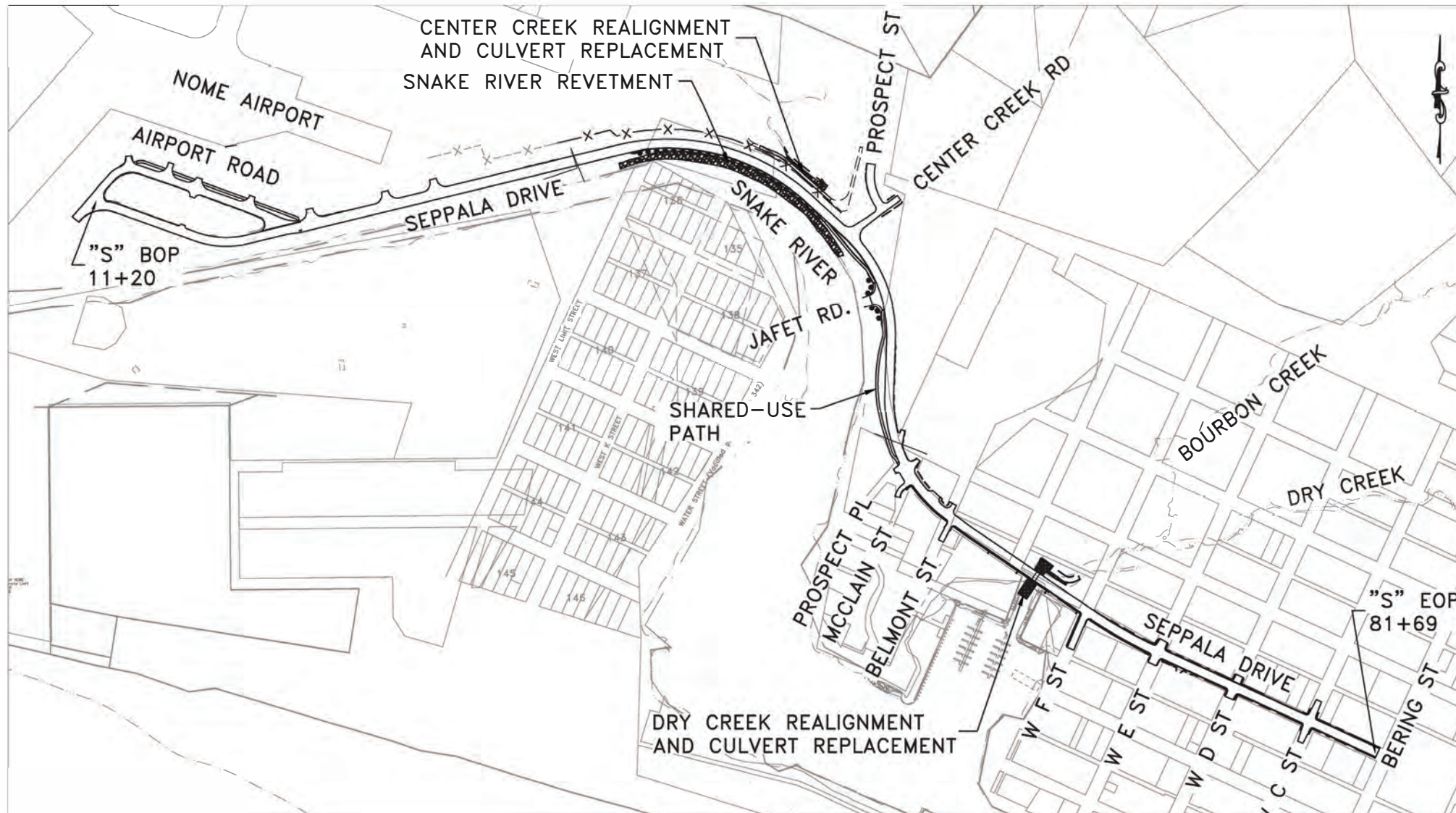
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

APPROVED BY: *Albert Beck* DATE 7/22/2025

Albert Beck, P.E.
Preconstruction Engineer, Northern Region

ACCEPTED FOR CONSTRUCTION: *Katherine Keith* DATE 7/22/25

Katherine Keith
Deputy Commissioner, Acting Northern Region Director



VICINITY MAP

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	A2	A14

	RECOVERED	SET
BLM MONUMENT		
GLO MONUMENT		
USC&GS MONUMENT		
PRIMARY MONUMENT		
CENTERLINE MONUMENT IN CASING		
PRIMARY R.O.W. MONUMENT		
BEARING OBJECT		
MISCELLANEOUS MONUMENT		
LINE OF SIGHT MONUMENT		
CONCRETE R.O.W. MONUMENT		
BENCHMARK		
REBAR AND CAP		
REBAR		
IRON PIPE		
PK NAIL		
SPIKE		
HUB AND TACK		
CONSTRUCTION CENTERLINE		
MISCELLANEOUS CENTERLINE		
STATION EQUATION		
PROJECT RIGHT-OF-WAY LINE		
EXISTING RIGHT-OF-WAY LINE		
EXISTING PROPERTY LINE		
CONTROLLED ACCESS LINE		
UTILITY EASEMENT LINE		
TEMPORARY EASEMENT LINE (TCP OR TCE)		
ACCESS OR SECTION LINE EASEMENT		
PROPOSED CUT SLOPE LIMIT		
PROPOSED FILL SLOPE LIMIT		
PROPOSED DITCH CENTERLINE		
SECTION LINE		
1/4 SECTION LINE		
1/16 SECTION LINE		
TOWNSHIP & RANGE LINE		

	EXISTING	PROPOSED
SANITARY SEWER (FLOW DIRECTION →)	— → — → SS —	→ — → SS —
FUEL LINE	— → — → O —	→ — → O —
GAS LINE	— → — → G —	→ — → G —
WATER LINE	— → — → W —	→ — → W —
METER, VALVE, FIRE HYDRANT		
EXISTING STORM DRAIN (FLOW DIRECTION →)	— → — → SD —	
PROPOSED STORM DRAIN		
FIBER OPTIC LINE	--- FO ---	
DIRECT BURIAL TELEPHONE CABLE	--- T ---	— T —
DIRECT BURIAL ELECTRIC CABLE	--- E ---	— E —
ELECTRIC LINE (OVERHEAD)	-----	=====
POWER POLE LINE		
JOINT USE POWER & TELEPHONE		
TELEPHONE POLE LINE		
POLE ANCHOR		
STUB POLE (POWER OR TELEPHONE)		
TELEPHONE DUCT	== T ==	==== T =====
TELEPHONE PEDESTAL		
BURIED CABLE MARKER		
PIPELINE MARKER OR VALVE		
CATCH BASIN OR DROP INLET		
MANHOLE		
SANITARY SEWER CLEAN OUT		
CULVERT END SECTION		
WOOD BOLLARD		
APPROACH		
DRIVEWAY		
CURVE		

	EXISTING	PROPOSED
ROADWAY/PAVEMENT EDGE		
FENCE		
CURB AND GUTTER		
DETECTABLE WARNINGS		
GUARDRAIL		
CULVERT PIPE		
SIGN		
MAILBOX		
RAILROAD TRACKS		
RAILROAD DEVICES	 CROSS-BUCK FLASHING LIGHT	 CANTILEVER SWITCH
TREE LINE		
WATER BOUNDARY		
ORDINARY HIGH WATER LINE		
FLOW CENTERLINE		
FLOW DIRECTION		
WETLANDS		
EXISTING BUILDINGS	 	
POST		
WELL OR MONITORING WELL		
SEPTIC PIPE	 	
FUEL TANK FILL PIPE/VENT		
SATELLITE DISH		
TEST HOLE		
CONIFER TREE		
DECIDUOUS TREE		
GRAVE		
THERMOSIPHON		
PARKING METER		
VEHICLE PLUG-IN		
DELINEATOR/GUIDE MARKER		

	EXISTING	PROPOSED
JUNCTION BOX, TYPE IA		
JUNCTION BOX, TYPE II		
JUNCTION BOX, TYPE III		
SIGNAL FACE, VEHICULAR		
SIGNAL FACE, BACKPLATE		
SIGNAL FACE, LEFT TURN, BACKPLATE		
SIGNAL FACE, PEDESTRIAN		
LOOP DETECTOR		
VIDEO DETECTOR		
RADAR DETECTOR		
OPTICOM DETECTOR		
PEDESTRIAN PUSH BUTTON		
SIGNAL POST W/O MAST ARM		
SIGNAL POLE W/MAST ARM		
SIGNAL CONTROLLER		
LOAD CENTER		
LUMINAIRE		
RIGID METAL CONDUIT		

LEGEND



PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	A3	A14

GENERAL NOTES

- APPROACH LOCATIONS SHOWN ON THESE PLANS ARE SUBJECT TO MINOR REVISIONS BY THE ENGINEER. ALL DISTANCES SHOWN IN THE PLAN VIEW ARE HORIZONTAL MEASUREMENTS.
- RESTORE ALL DISTURBED AREAS DUE TO CONTRACTORS WORK OUTSIDE THE CATCH AND FILL LIMITS SHOWN ON THE PLANS. PAYMENT FOR THIS WORK SHALL BE SUBSIDIARY TO THE RESPECTIVE BID ITEM.
- SAWCUT ALL MATCH LINES WHERE NEW CONSTRUCTION ABUTS EXISTING ASPHALT. APPLY STE-1 ASPHALT FOR TACK COAT ON THE VERTICAL FACE OF ALL SAWCUTS IN ACCORDANCE WITH SECTION 402 TACK COAT. THICKNESS SHALL NOT BE LESS THAN 10 MILS. SAWCUT EXISTING SIDEWALK AT THE NEAREST JOINT.
- REFERENCE GRADING PLAN SHEETS FOR INTERSECTION TRANSITION LAYOUTS.
- DELIVER ALL REMOVED ASPHALT TO THE NOME DOT&PF M&O FACILITY AT 3.5 MILE CENTER CREEK ROAD.
- NOTIFY THE CITY OF NOME EMERGENCY SERVICES DISPATCH AT 907-443-8522 A MINIMUM OF 24 HOURS PRIOR TO INTERSECTION CLOSURES AND CHANGES TO TRAFFIC CONTROL THAT WILL IMPACT EMERGENCY SERVICE RESPONSE.
- CONTRACTOR MUST MAINTAIN EMERGENCY SERVICES ACCESS AND PEDESTRIAN ACCESS TO ALL HOMES AND BUSINESSES FOR DURATION OF PROJECT.
- CULVERT LOCATIONS SHOWN IN THE PLANS ARE SUBJECT TO MINOR REVISIONS BY ENGINEER.
- ALL PERMITS RELATED TO DEWATERING ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- SURVEY EQUIPMENT USED FOR THE STAKING VERTICAL ELEVATIONS SHALL HAVE AN ERROR LESS THAN THE ALLOWABLE TOLERANCES FOR THE FEATURE BEING STAKED.

ARCHEOLOGICAL MONITORING NOTES:

- ARCHAEOLOGICAL MONITORING IS REQUIRED DURING CONSTRUCTION OF THE SEPPALA DRIVE UPGRADE PROJECT FOR ANY EXCAVATION BELOW 4' OF EXISTING GRADE EAST OF STATION "S" 66+00 ALONG SEPPALA DRIVE AND SIDE ROADS. THE CONTRACTOR SHALL PROVIDE A SCHEDULE ACTIVATES REQUIRING ARCHEOLOGICAL MONITORING WITHIN THE CPM SCHEDULE.
- ARCHEOLOGICAL MONITORING WILL BE IN ACCORDANCE WITH THE ARCHAEOLOGICAL MONITORING PROCEDURES AND INADVERTENT DISCOVERY PLAN (IDP) IN APPENDIX E. THIS WORK WILL BE CARRIED OUT BY OR UNDER THE DIRECT SUPERVISION OF A PERSON OR PERSONS MEETING, AT A MINIMUM, THE SECRETARY OF THE INTERIOR'S PROFESSIONAL QUALIFICATIONS STANDARDS FOR ARCHAEOLOGISTS (48 FR 44738-44739). THE DEPARTMENT WILL PROVIDE PERSONNEL TO PERFORM THE ARCHAEOLOGICAL MONITORING.
- PRIOR TO EXCAVATION ACTIVITIES, THE ARCHAEOLOGICAL MONITOR WILL CONDUCT A PRE-CONSTRUCTION MEETING WITH THE CONSTRUCTION CONTRACTOR, DOT&PF PROJECT ENGINEER, AND DOT&PF PQI PER THE IDP. EXCAVATION REQUIRING ARCHAEOLOGICAL MONITORING ACTIVITIES IS RESTRICTED TO ONLY ONE (1) SITE AT ANY GIVEN TIME.
- ALL COORDINATION AND WORK REQUIRED TO SUPPORT ARCHEOLOGICAL MONITORING WILL BE PAID FOR UNDER PAY ITEM 646.0001.0000 CMP SCHEDULING.

UTILITY NOTES

- UNDERGROUND UTILITIES EXIST WITHIN THE PROJECT CORRIDOR. CONTACT UTILITY OWNERS AND GET LOCATES PRIOR TO ANY EXCAVATION.

SEE SHEET U100 FOR UTILITY CONTACT INFORMATION.
- PROTECT, OR REMOVE AND REPLACE IN SAME LOCATION OR TO THE SIDE OF ROADWAY, EXISTING MARKER POSTS FOR UTILITIES THAT ARE DISTURBED DURING CONSTRUCTION. THIS IS SUBSIDIARY TO 202.0001.0000 REMOVAL OF STRUCTURES AND OBSTRUCTIONS.

ABBREVIATIONS

ADA	AMERICANS WITH DISABILITIES ACT	MAX	MAXIMUM
ADF&G	ALASKA DEPARTMENT OF FISH AND GAME	ME	MATCH EXISTING
AP	ANGLE POINT	MH	MANHOLE
AVE	AVENUE	MIN	MINIMUM
BMP	BEST MANAGEMENT PRACTICES	MMA	METHYL METHACRYLATE
BOP	BEGINNING OF PROJECT	MON	MONUMENT
BOL	BOLLARD	MSL	MEAN SEA LEVEL
BP	BEGIN POINT	M&O	MAINTENANCE AND OPERATIONS
C/A	ACCESS CONTROL	NO./#	NUMBER
CL	CENTERLINE	N	NORTHING, NORTH
C	CENTER	NTS	NOT TO SCALE
CB	CATCH BASIN	O.D.	OUTSIDE DIAMETER
CGP	CONSTRUCTION GENERAL PERMIT	OHW	ORDINARY HIGH WATER
CLR	CLEARANCE		
CMP	CORRUGATED METAL PIPE	PC	POINT OF CURVATURE
CO	COMPANY	PCC	PORTLAND CEMENT CONCRETE / POINT OF COMPOUND CURVE
COM	COMMERCIAL	PRC	POINT OF REVERSE CURVE
COMM	COMMUNICATIONS	PI	POINT OF INTERSECTION
CON	CONCRETE	PST	PERFORATED STEEL TUBES
CP	CONTROL POINT	PT	POINT OF TANGENCY
CPM	CRITICAL PATH METHOD	PUE	PUBLIC UTILITY EASEMENT
CSP	CORRUGATED STEEL PIPE		
DEMO	DEMOLITION	R	RADIUS
DIA	DIAMETER	RES	RESIDENTIAL
DIP	DUCTILE IRON PIPE	REHAB	REHABILITATION
DOT	DEPARTMENT OF TRANSPORTATION	RHF	RIGHT HAND FORWARD
DOT&PF	DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES	RD	ROAD
	DEPARTMENT OF NATURAL RESOURCES	ROW, R/W, R.O.W.	RIGHT OF WAY
DNR	DRIVE	RMC	RIGID METAL CONDUIT
DR	DRIVEWAY	RP	RADIAL POINT
DRWY	DETECTABLE WARNING TILE	RT	RIGHT
DWT		S	SOUTH
E	EASTING, EAST	SC	STRUCTURE CENTER
EA	EACH	SD	STORM DRAIN
EG	EXISTING GROUND	SDWK	SIDEWALK
ELEV, EL	ELEVATION	SF, SQFT	SQUARE FEET
EOP	END OF PROJECT	SHLDR	SHOULDER
EOTW	EDGE OF TRAVEL WAY	SS	SANITARY SEWER
EP	END POINT, END OF PAVEMENT	ST	STREET
EPW	EDGE OF PATHWAY	STD	STANDARD
ESCP	EROSION SEDIMENT CONTROL PLAN	STA	STATION
EXP	EXPANSION JOINT	SW	SIDEWALK
EX	EXISTING	SWR	SEWER
		SWPPP	STORM WATER POLLUTION PREVENTION PLAN
FG	FINISHED GRADE	SY	SQUARE YARDS
FL	FLOW LINE		
FM	FORCE MAIN	TBC	TOP BACK OF CURB
FT	FEET	TCE	TEMPORARY CONSTRUCTION EASEMENT
		TCP	TEMPORARY CONSTRUCTION PERMIT
GALV	GALVANIZE	THK	THICK
GB	GRADE BREAK	TOC	TOP OF CASTING
GE	GENERAL ELECTRIC	TOW	TOP OF WALL
		TS	TUBE STEEL
HDPE	HIGH DENSITY POLYETHYLENE	TYP	TYPICAL
HMA	HOT MIX ASPHALT		
		VPC	VERTICAL POINT OF CURVATURE
ID	INNER DIAMETER	VPI	VERTICAL POINT OF INTERSECTION
INT	INTERSECTION	VPT	VERTICAL POINT OF TANGENCY
INV	INVERT		
		W	WEST
LDP	LOW DISTORTION PROJECTION	W/	WITH
LF	LINEAR FEET	W, WTR	WATER
LHF	LEFT HAND FORWARD	WWM	WELDED WIRE MESH
LN	LANE		
LOC	LIP OF CURB		
LP	LOW POINT		
LT	LEFT		
LVC	LENGTH OF VERTICAL CURVE		
LBS	POUNDS		

GENERAL NOTES AND ABBREVIATIONS



PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\17258FB-SC 1 Sepp Mon, Jan/29/24 12:02pm

NOTES:

1. THE PURPOSE OF THIS SURVEY IS TO PROVIDE SITE CONTROL FOR THE NOME SEPPALA DRIVE ROAD REHABILITATION PROJECT.
2. THE FIELD WORK FOR THIS SURVEY WAS CONDUCTED IN SEPTEMBER, 2017 AND AUGUST, 2018.
3. TEMPORARY BENCHMARK AND SURVEY CONTROL ELEVATIONS WERE ESTABLISHED BY CLOSED DIFFERENTIAL LEVEL LOOPS RUN FROM THE BASIS OF ELEVATION. ALL ERRORS OF CLOSURE WERE LESS THAN 0.05' TIMES THE SQUARE ROOT OF THE DISTANCE, IN MILES.
4. THE HORIZONTAL POSITIONS OF SURVEY CONTROL POINTS AND RECOVERED MONUMENTS WERE ESTABLISHED WITH A COMBINATION OF HIGH PRECISION STATIC GPS AND CONVENTIONAL TOTAL STATION METHODS.
5. THE RECOVERED MONUMENT TABLES REFERS TO THE POSITION OF THE PHYSICAL EVIDENCE RECOVERED.
6. VERIFY HORIZONTAL AND VERTICAL CONTROL PRIOR TO USE. ON MULTI YEAR PROJECTS, VERIFY ALL CONTROL ON A SEASONAL BASIS.
7. THIS SURVEY DOES NOT CONSTITUTE A SUBDIVISION AS DEFINED BY ALASKA STATUTE 40.15.900(5)(A).

HORIZONTAL CONTROL STATEMENT

COORDINATE SYSTEM:

THIS PROJECT IS IN A LOCAL GRID COORDINATE SYSTEM REFLECTING GROUND DISTANCES AT THE PROJECT ELEVATION. ALL DISTANCES SHOWN ARE GROUND BASED DISTANCES SCALED FROM THEIR STATE PLANE VALUES ABOUT THE PRIMARY AIRPORT CONTROL MONUMENT 2-BAD (3,840,181.68 NORTH, 1,729,324.97 EAST) BY A COMBINED SCALE FACTOR OF 1.00009268. ALL DIMENSIONS ARE IN U.S. SURVEY FEET.

BASIS OF COORDINATES:

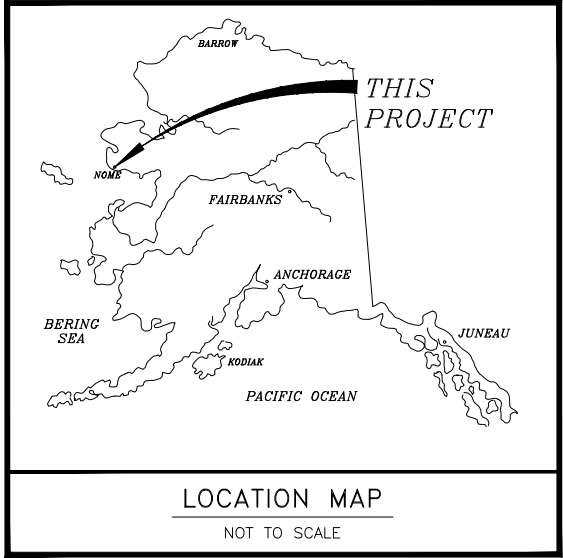
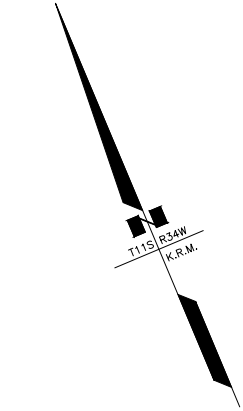
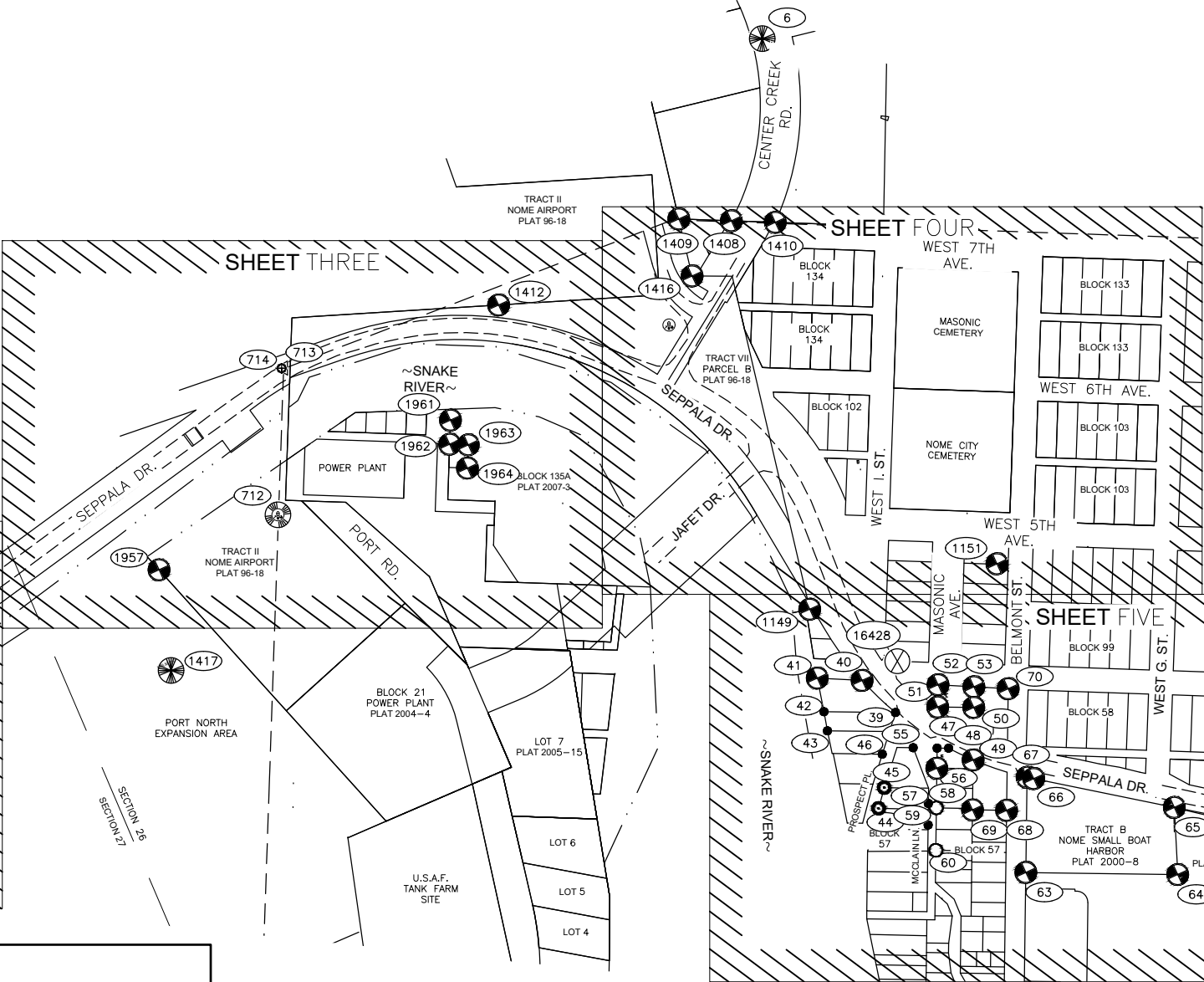
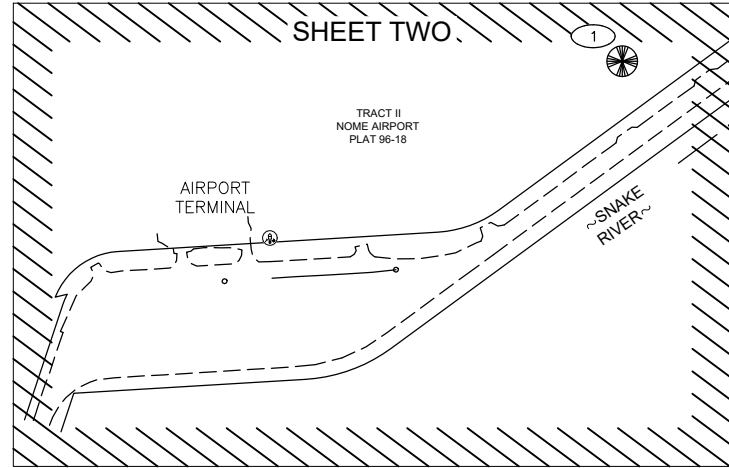
THE BASIS OF COORDINATES IS THE NAD83 ALASKA STATE PLANE ZONE 8 COORDINATES FOR THE DEEP ROD PRIMARY MONUMENT CP-6 AS SHOWN ON THE NOME SNAKE RIVER BRIDGE SURVEY CONTROL RECORD OF SURVEY, PLAT 2012-2, CAPE NOME RECORDING DISTRICT. THESE NAD83 ALASKA STATE PLANE ZONE 8 COORDINATES ARE 3,840,579.60 NORTH, 1,731,791.50 EAST, U.S. SURVEY FEET. LOCAL GRID COORDINATES OF CP-6 ARE 3,840,579.64 NORTH, 1,731,791.73 EAST, U.S. SURVEY FEET (64°30'29.77870" NORTH, 165°25'12.71723" WEST). CP-6 IS LOCATED ON THE WEST SIDE OF CENTER CREEK ROAD AT THE INTERSECTION WITH THE LITTLE CREEK ROAD.

BASIS OF BEARINGS:

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE ALASKA ZONE 8 GRID COORDINATE SYSTEM.

VERTICAL CONTROL STATEMENT

THE BASIS OF ELEVATION IS THE PUBLISHED ELEVATION FOR UC&G BM-7, A 3 1/2" BRASS CAP IN THE BASE OF A FLAG POLE ON THE EAST SIDE OF THE NOME POST OFFICE ON FRONT STREET. THIS ELEVATION IS 17.10 FEET.



THIS SURVEY LIES WITHIN SECTIONS 26 AND 27, TOWNSHIP 11 SOUTH, RANGE 34 WEST, KATEEL RIVER MERIDIAN, CAPE NOME RECORDING DISTRICT.

STATE BUSINESS NO CHARGE FOR RECORDING

0 200 400 600 800 1000
SCALE 1"=200'
PLAT DEVELOPED BY PDC, INC.

VERTICAL CONTROL TABLE

BENCHMARK	NORTHING	EASTING	ELEVATION	DESCRIPTION
TBM 090917A	3840126.80	1728505.48	15.67	SW CORNER ACCESS PORT AT FIRE HYDRANT
TBM 090917C	3838407.35	1731601.45	12.03	SCRIBE ON SW CORNER OF LIGHTING J-BOX
TBM 090917D	3838195.85	1732604.25	22.69	TOP NW FLANGE BOLT ON FIRE HYDRANT
TBM 100216B	3837661.17	1733613.28	33.40	TOP NE FLANGE BOLT ON FIRE HYDRANT
TBM 100308'A	3839954.02	1730219.59	11.75	1" THERMOPILE IN CASE
TBM 100308B	3840012.13	1731300.83	11.52	'X' SOUTH CORNER CONCRETE TRANSFORMER

HORIZONTAL CONTROL TABLE

POINT NO.	NORTHING	EASTING	DESCRIPTION
6	3840579.64	1731791.73	STAINLESS STEEL DRIVE ROD IN CASING
1417	3839699.92	1729824.04	BRASS CAP PRIMARY MONUMENT USLM 1C

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND LICENSED TO PRACTICE LAND SURVEYING IN THE STATE OF ALASKA, THAT THIS PLAT REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECT SUPERVISION, THE MONUMENTS SHOWN HEREON ACTUALLY EXIST AS DESCRIBED, AND THAT ALL DIMENSIONS AND OTHER DETAILS ARE CORRECT TO THE BEST OF MY KNOWLEDGE.

DATE 2/2/24 REGISTRATION NO. 11798S

Craig Owen Ranson
REGISTERED LAND SURVEYOR

SURVEY CONTROL SHEET
(1 OF 7)



PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
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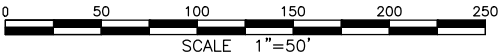
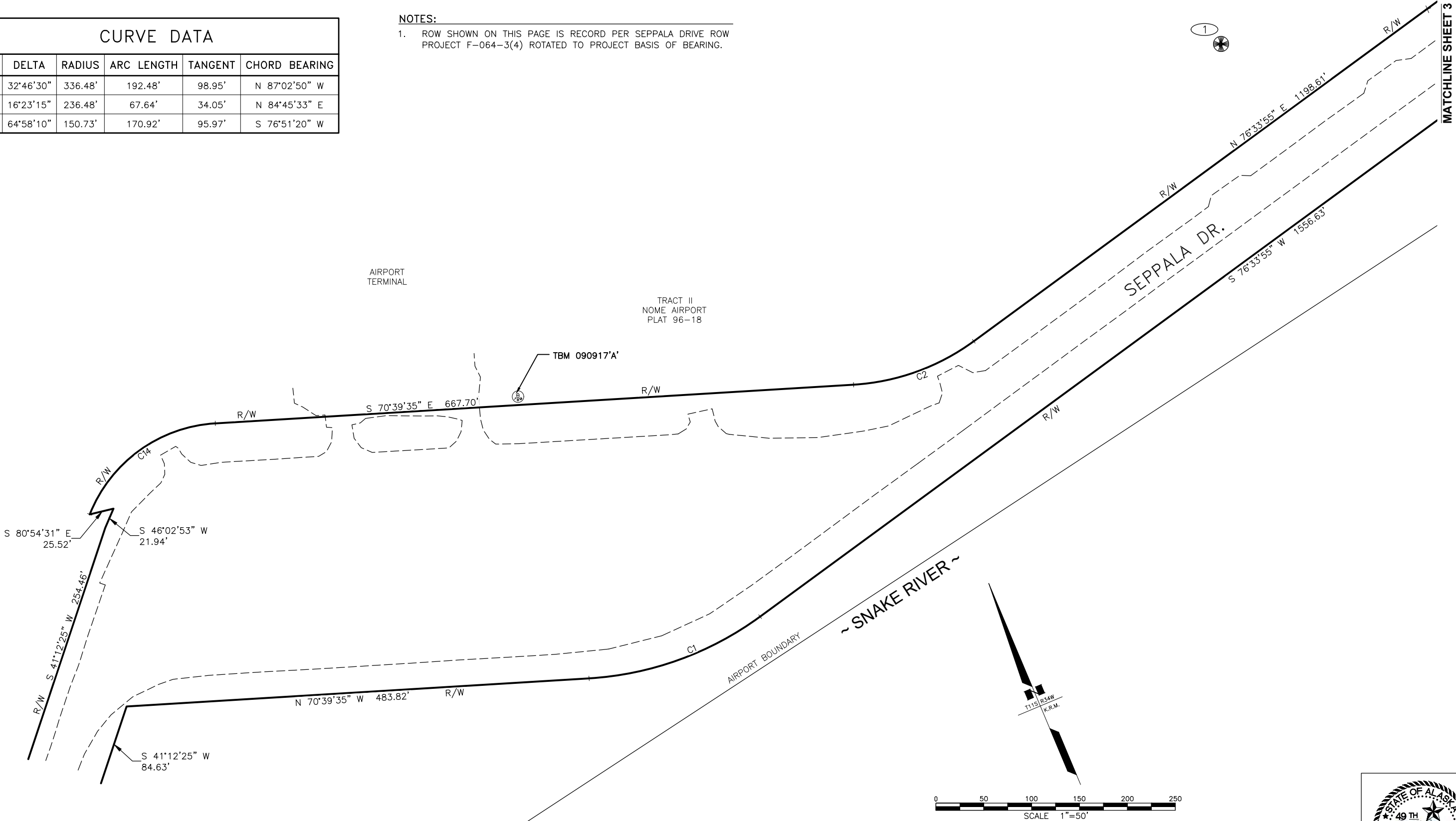
VERTICAL CONTROL TABLE				
BENCHMARK	NORTHING	EASTING	ELEVATION	DESCRIPTION
TBM 090917'A	3840127	1728506	15.60'	SW CORNER ACCESS PORT AT FIRE HYDRANT

HORIZONTAL CONTROL TABLE			
POINT #	NORTHING	EASTING	DESCRIPTION
1	3840181.68	1729324.97	PRIMARY AIRPORT CONTROL MONUMENT 2-BAD

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2023	A5	A14

CURVE DATA					
C#	DELTA	RADIUS	ARC LENGTH	TANGENT	CHORD BEARING
C1	32°46'30"	336.48'	192.48'	98.95'	N 87°02'50" W
C2	16°23'15"	236.48'	67.64'	34.05'	N 84°45'33" E
C14	64°58'10"	150.73'	170.92'	95.97'	S 76°51'20" W

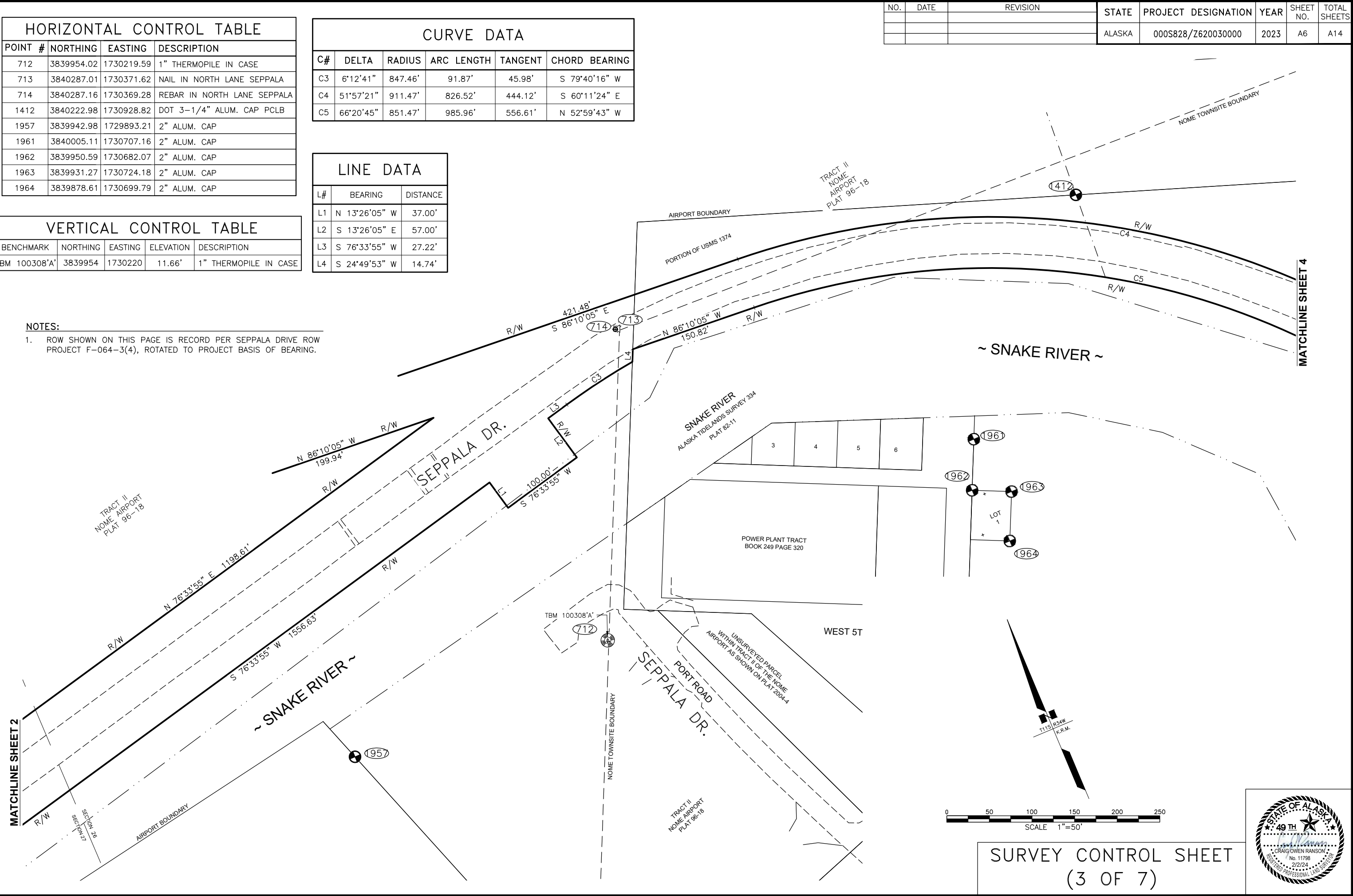
NOTES:
1. ROW SHOWN ON THIS PAGE IS RECORD PER SEPPALA DRIVE ROW PROJECT F-064-3(4) ROTATED TO PROJECT BASIS OF BEARING.



SURVEY CONTROL SHEET
(2 OF 7)



PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
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PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2023	A7	A14

VERTICAL CONTROL TABLE

BENCHMARK	NORTHING	EASTING	ELEVATION	DESCRIPTION
TBM 100308'B'	3840012	1731301	11.43'	'X' SOUTH CORNER CONCRETE TRANSFORMER PAD

NOTES:

- PORTION OF ROW SHOWN FOR CENTER CREEK ROAD IS RECORD PER DOT ROW PROJECT OS-4(006) RECORDED AS 81-19, ROTATED TO PROJECT BASIS OF BEARING.
- ROW SHOWN FOR BLOCK 102 PER QUITCLAIM DEED DOCUMENT #2012-000895-0.
- ROW SHOWN FOR JAFET DRIVE PER QUITCLAIM DEED DOCUMENT #2012-000893-0.

CURVE DATA

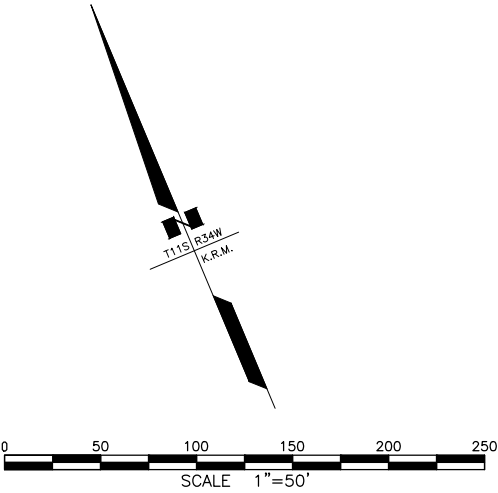
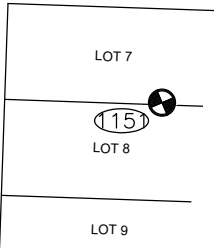
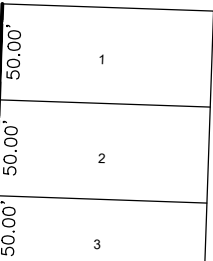
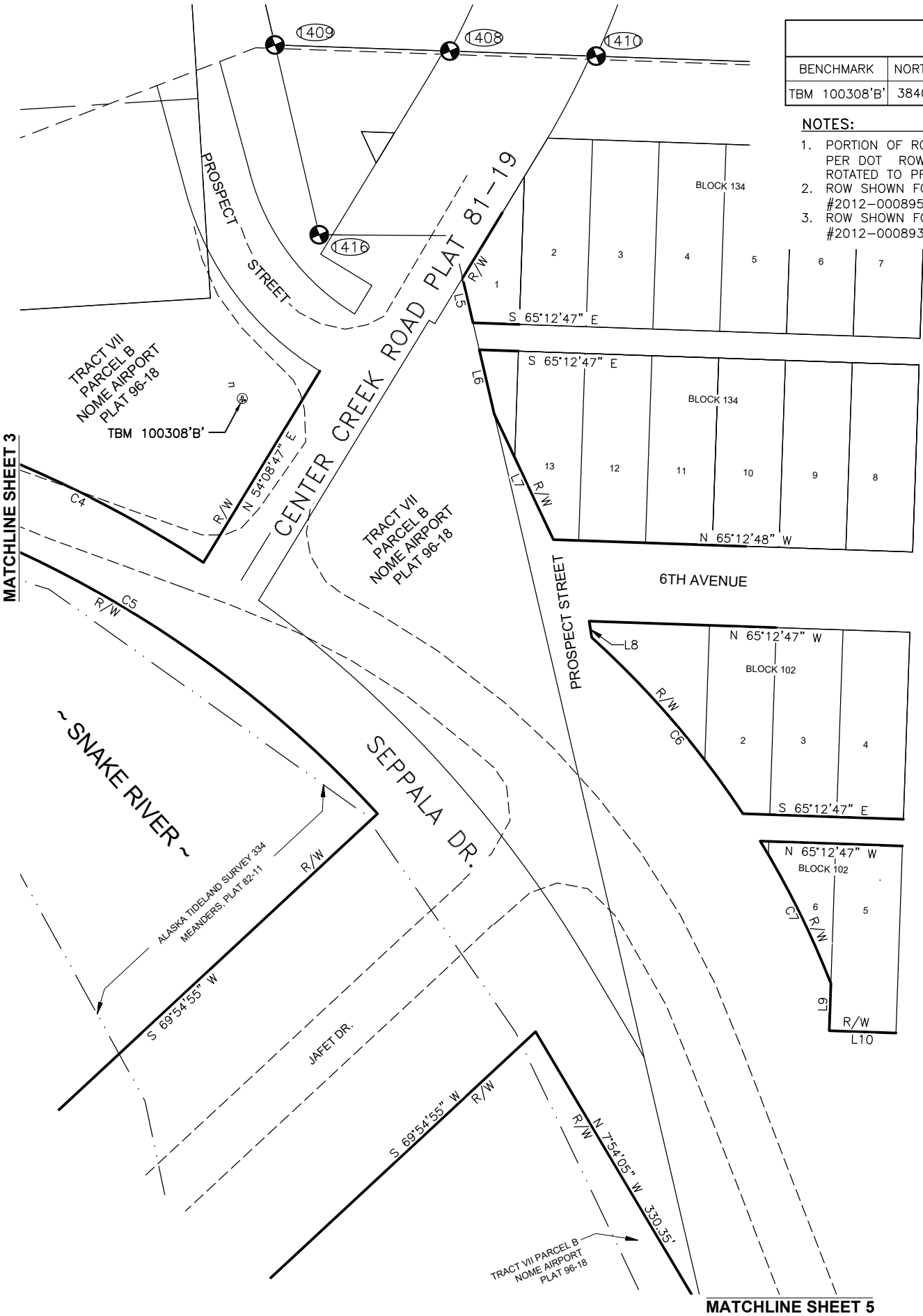
C#	DELTA	RADIUS	ARC LENGTH	TANGENT	CHORD BEARING
C4	51°57'21"	911.47'	826.52'	444.12'	S 60°11'24" E
C5	66°20'45"	851.47'	985.96'	556.61'	N 52°59'43" W
C6	10°25'25"	687.65'	125.10'	62.72'	S 19°52'37" E
C7	9°54'51"	687.65'	118.99'	59.64'	S 3°35'43" E

HORIZONTAL CONTROL TABLE

POINT #	NORTHING	EASTING	DESCRIPTION
1151	3839147.36	1731823.65	CITY OF NOME, 3-1/4" ALUM. CAP
1408	3840191.47	1731544.74	3-1/4" ALUM. CAP L1 ALLIE SUBDIVISION 7323 S
1409	3840246.47	1731425.83	3-1/4" ALUM. CAP L1 ALLIE SUBDIVISION 7323 S
1410	3840145.52	1731644.20	3-1/4" ALUM. CAP TRC ALLIE SUBDIVISION 7323 S
1416	3840102.70	1731401.39	3-1/4" ALUM. CAP

LINE DATA

L#	BEARING	DISTANCE
L5	S 9°41'34" W	34.39'
L7	N 2°23'21" W	33.94'
L8	S 14°34'58" W	12.32'
L9	S 24°47'13" W	35.44'
L10	S 65°12'44" E	50.00'



SURVEY CONTROL SHEET
(4 OF 7)



LINE DATA		
L#	BEARING	DISTANCE
L11	S 65°09'55" E	77.61'
L12	S 23°35'50" W	60.06'
L13	N 66°31'00" W	40.35'
L14	N 66°58'12" W	28.70'
L15	S 47°51'29" E	3.58'
L16	S 56°40'37" E	52.71'
L17	S 54°59'33" E	51.66'
L18	S 57°43'30" E	51.03'
L19	S 53°20'21" E	51.85'
L20	S 55°54'52" E	14.81'
L21	N 24°52'32" E	37.77'
L22	S 25°03'33" W	37.61'
L23	S 38°48'55" E	55.95'
L24	S 55°17'51" E	50.73'
L25	S 58°52'10" E	50.29'
L26	S 58°37'54" E	50.31'
L27	S 55°22'31" E	50.72'
L28	S 61°35'23" E	49.75'
L29	N 7°59'35" W	23.79'
L30	N 55°40'28" W	12.00'

HORIZONTAL CONTROL TABLE			
POINT #	NORTHING	EASTING	DESCRIPTION
39	3838903.94	1731446.92	5/8" REBAR
40	3839009.83	1731401.38	1-1/2" ALUM. CAP BLK 57
41	3839058.51	1731300.49	1-1/2" ALUM. CAP BLK 57
42	3838974.76	1731283.48	5/8" REBAR
43	3838927.45	1731272.92	5/8" REBAR
44	3838700.23	1731315.71	PLASTIC CAP 5/8" REBAR 2234 S
45	3838742.21	1731348.61	PLASTIC CAP 5/8" REBAR 2234 S
46	3838820.94	1731376.30	5/8" REBAR
47	3838781.88	1731508.17	5/8" REBAR
48	3838770.79	1731534.26	5/8" REBAR
49	3838720.08	1731579.49	2" ALUM. CAP 7323 S
50	3838839.93	1731631.76	1-1/2" ALUM. CAP
51	3838875.79	1731549.34	1-1/2" ALUM. CAP 2234-S
52	3838926.69	1731571.57	1-1/2" ALUM. CAP 2234-S
53	3838887.16	1731651.98	1-1/2" ALUM. CAP 2234-S
55	3838806.04	1731453.67	5/8" REBAR
56	3838736.08	1731488.15	1-1/2" ALUM. CAP
57	3838661.47	1731433.94	1/2" REBAR
58	3838644.66	1731448.43	3/4" IRON PIPE
59	3838615.51	1731413.89	1/2" REBAR
60	3838548.48	1731406.60	3/4" IRON PIPE
63	3838410.45	1731591.74	3" ALUM. CAP 7323 S
64	3838259.27	1731938.85	3" ALUM. CAP 7323 S
65	3838416.78	1731995.91	3" ALUM. CAP 7323 S
66	3838618.59	1731700.62	3" ALUM. CAP 7323 S
67	3838628.30	1731686.65	3" ALUM. CAP 7323 S
68	3838571.59	1731607.47	2" ALUM. CAP 7323 S
69	3838605.48	1731529.58	2" ALUM. CAP 7323 S

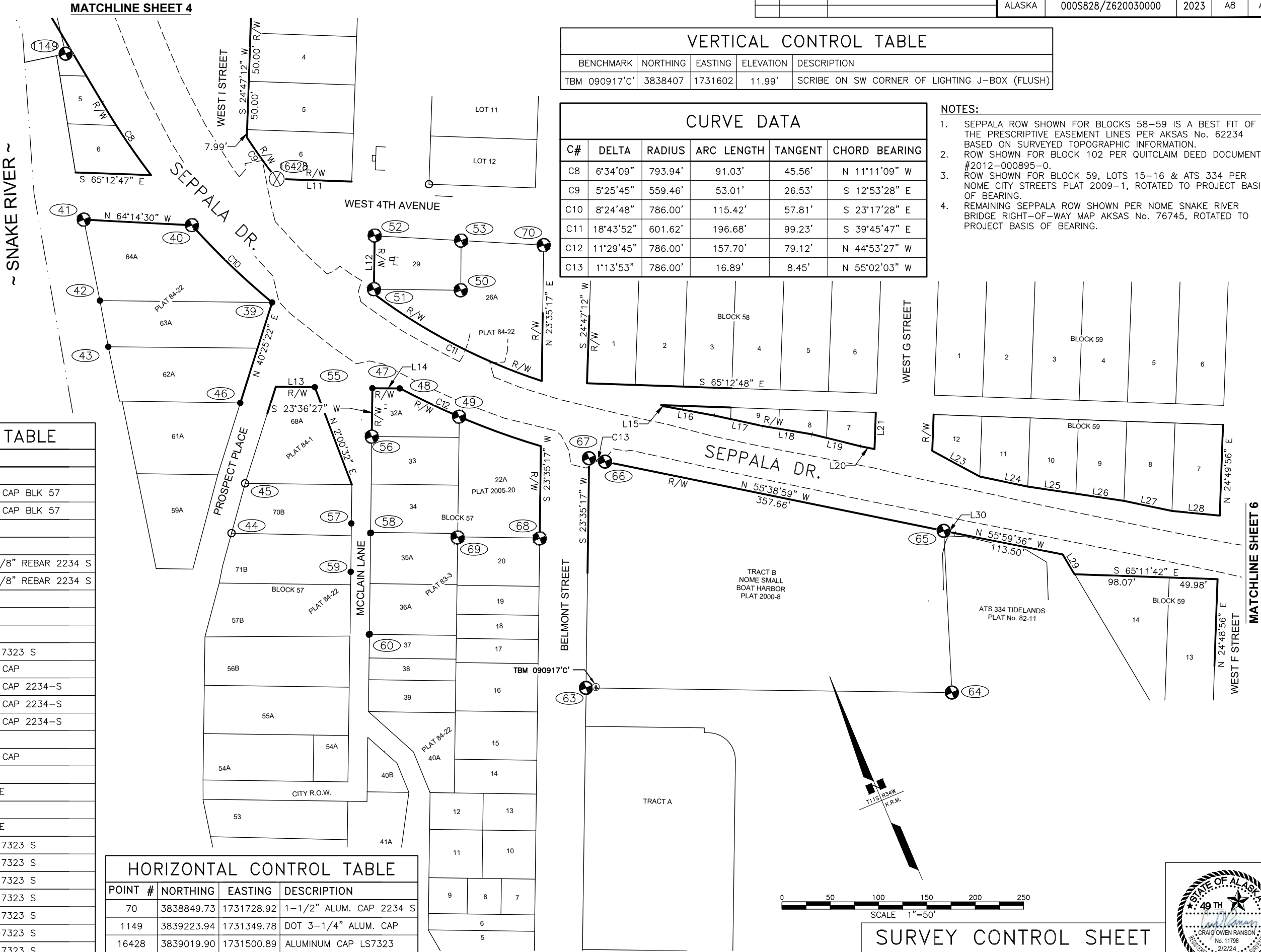
HORIZONTAL CONTROL TABLE			
POINT #	NORTHING	EASTING	DESCRIPTION
70	3838849.73	1731728.92	1-1/2" ALUM. CAP 2234 S
1149	3839223.94	1731349.78	DOT 3-1/4" ALUM. CAP
16428	3839019.90	1731500.89	ALUMINUM CAP LS7323

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2023	A8	A14

VERTICAL CONTROL TABLE				
BENCHMARK	NORTHING	EASTING	ELEVATION	DESCRIPTION
TBM 090917'C	3838407	1731602	11.99'	SCRIBE ON SW CORNER OF LIGHTING J-BOX (FLUSH)

CURVE DATA					
C#	DELTA	RADIUS	ARC LENGTH	TANGENT	CHORD BEARING
C8	6°34'09"	793.94'	91.03'	45.56'	N 11°11'09" W
C9	5°25'45"	559.46'	53.01'	26.53'	S 12°53'28" E
C10	8°24'48"	786.00'	115.42'	57.81'	S 23°17'28" E
C11	18°43'52"	601.62'	196.68'	99.23'	S 39°45'47" E
C12	11°29'45"	786.00'	157.70'	79.12'	N 44°53'27" W
C13	1°13'53"	786.00'	16.89'	8.45'	N 55°02'03" W

- NOTES:
- SEPPALA ROW SHOWN FOR BLOCKS 58-59 IS A BEST FIT OF THE PRESCRIPTIVE EASEMENT LINES PER AKSAS No. 62234 BASED ON SURVEYED TOPOGRAPHIC INFORMATION.
 - ROW SHOWN FOR BLOCK 102 PER QUITCLAIM DEED DOCUMENT #2012-000895-0.
 - ROW SHOWN FOR BLOCK 59, LOTS 15-16 & ATS 334 PER NOME CITY STREETS PLAT 2009-1, ROTATED TO PROJECT BASIS OF BEARING.
 - REMAINING SEPPALA ROW SHOWN PER NOME SNAKE RIVER BRIDGE RIGHT-OF-WAY MAP AKSAS No. 76745, ROTATED TO PROJECT BASIS OF BEARING.



SURVEY CONTROL SHEET
(5 OF 7)



PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB- Seppala\17258FB-SC 6 Sepp Mon, Jan/29/24 12:04pm

HORIZONTAL CONTROL TABLE			
POINT #	NORTHING	EASTING	DESCRIPTION
408	3837663.06	1733437.28	1 1/4" PLASTIC CAP CHURCH PARKING LOT
409	3837747.01	1733255.53	2 1/2" AL MON IN CASING LS-9232
717	3838128.14	1732572.69	BRASS CAP IN CASE
718	3838103.02	1732627.14	BRASS CAP IN CASE
719	3838049.00	1732601.86	BRASS CAP IN CASE
720	3838040.35	1732763.39	PLASTIC CAP 2234S
721	3838019.50	1732808.43	ALUMINUM CAP
722	3837922.87	1732874.42	BRASS CAP IN CASE
723	3837897.96	1732928.89	2" AL CAP 2234-S

VERTICAL CONTROL TABLE				
BENCHMARK	NORTHING	EASTING	ELEVATION	DESCRIPTION
TBM 090917'D	3838196	1732604	22.66'	TOP NW FLANGE BOLT ON FIRE HYDRANT
TBM 100216'B	3837661	1733613	33.34'	TOP NE FLANGE BOLT ON FIRE HYDRANT

LINE DATA		
L#	BEARING	DISTANCE
L31	N 57°24'20" W	50.37'
L32	N 64°26'54" W	49.99'
L33	S 60°24'45" E	50.15'
L34	N 61°09'53" W	50.10'
L35	N 63°40'50" W	50.00'
L36	N 65°10'00" W	49.50'

NOTES:

- ROW SHOWN FOR BLOCKS 53-56 & 61-63 ARE FROM GIS SHAPE FILES, PLACED ON AND ROTATED TO RECOVERED MONUMENTS.
- ROW SHOWN FOR BLOCK 60 IS A BEST FIT OF THE PRESCRIPTIVE EASEMENT LINES PER AKSAS No. 62234 BASED ON SURVEYED TOPOGRAPHIC INFORMATION.

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2023	A9	A14



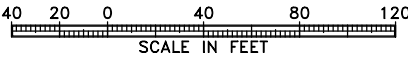
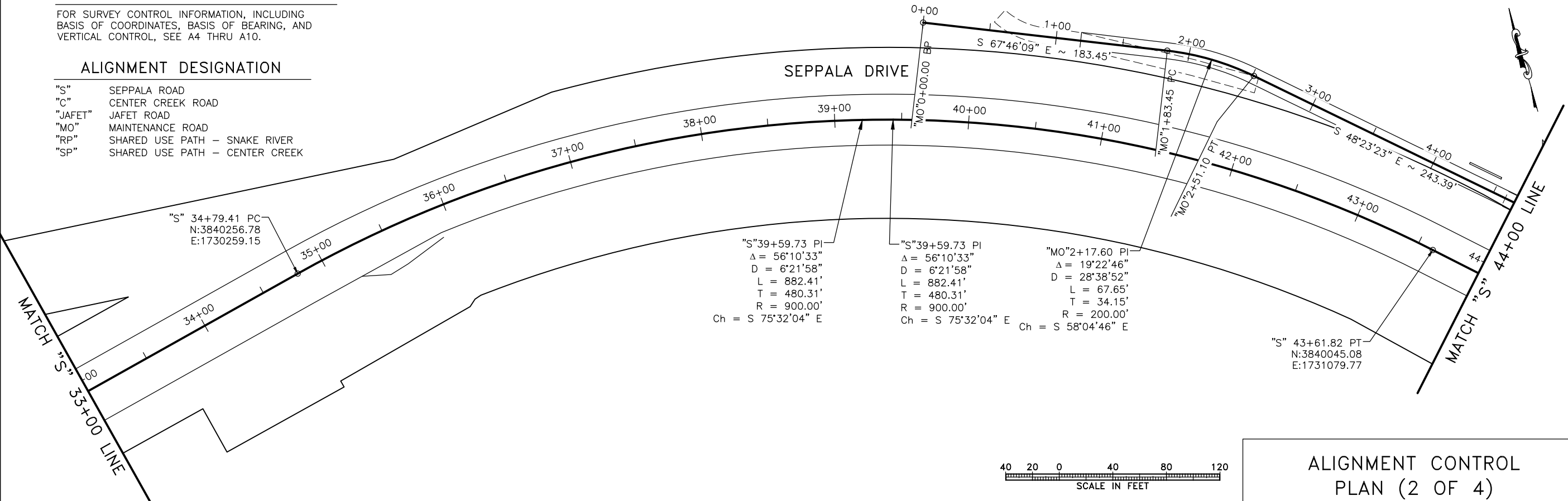
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	A12	A14

PROJECT CONTROL NOTES:

FOR SURVEY CONTROL INFORMATION, INCLUDING BASIS OF COORDINATES, BASIS OF BEARING, AND VERTICAL CONTROL, SEE A4 THRU A10.

ALIGNMENT DESIGNATION

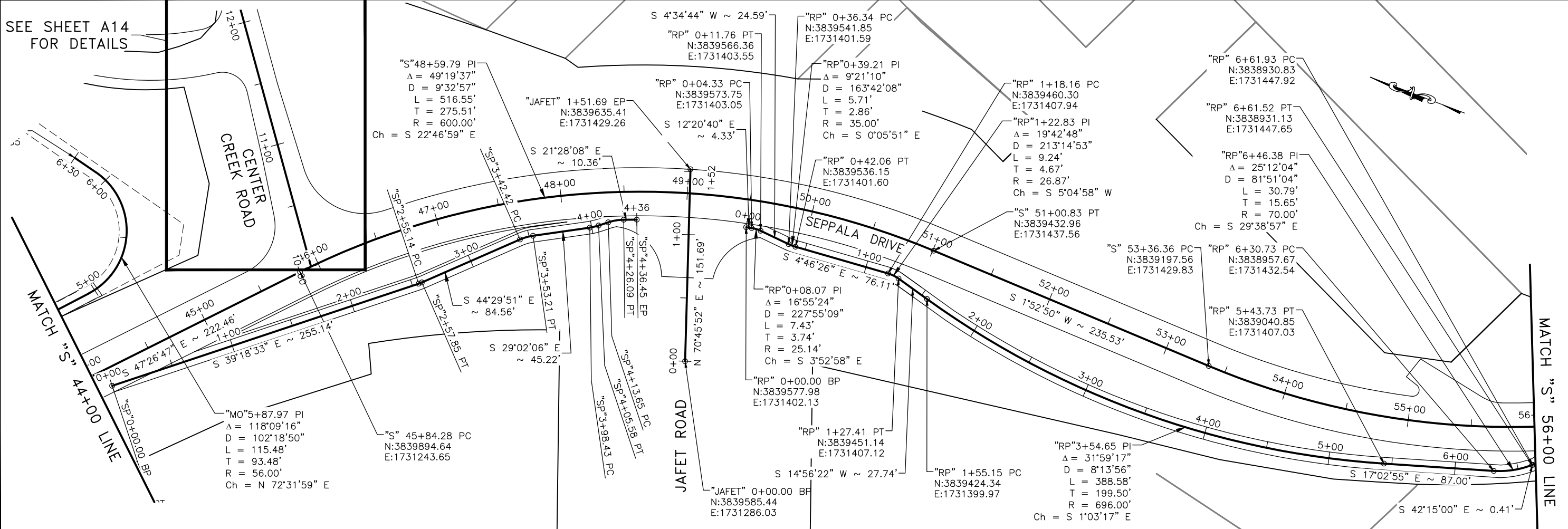
- "S" SEPPALA ROAD
- "C" CENTER CREEK ROAD
- "JAFET" JAFET ROAD
- "MO" MAINTENANCE ROAD
- "RP" SHARED USE PATH - SNAKE RIVER
- "SP" SHARED USE PATH - CENTER CREEK



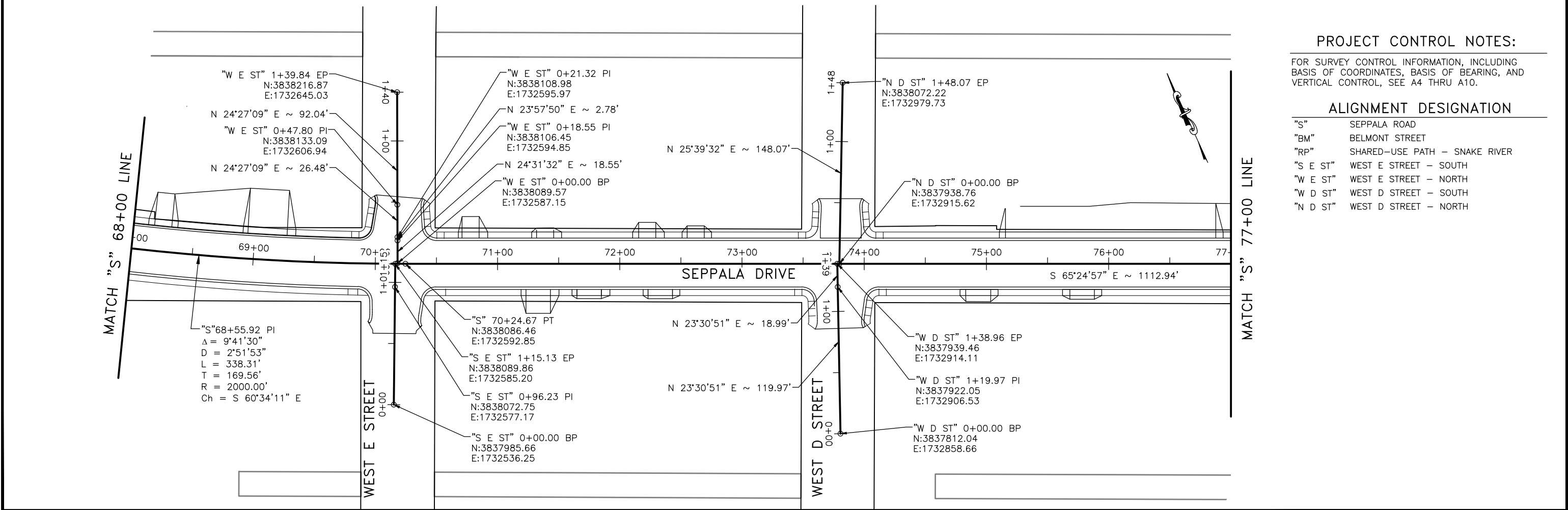
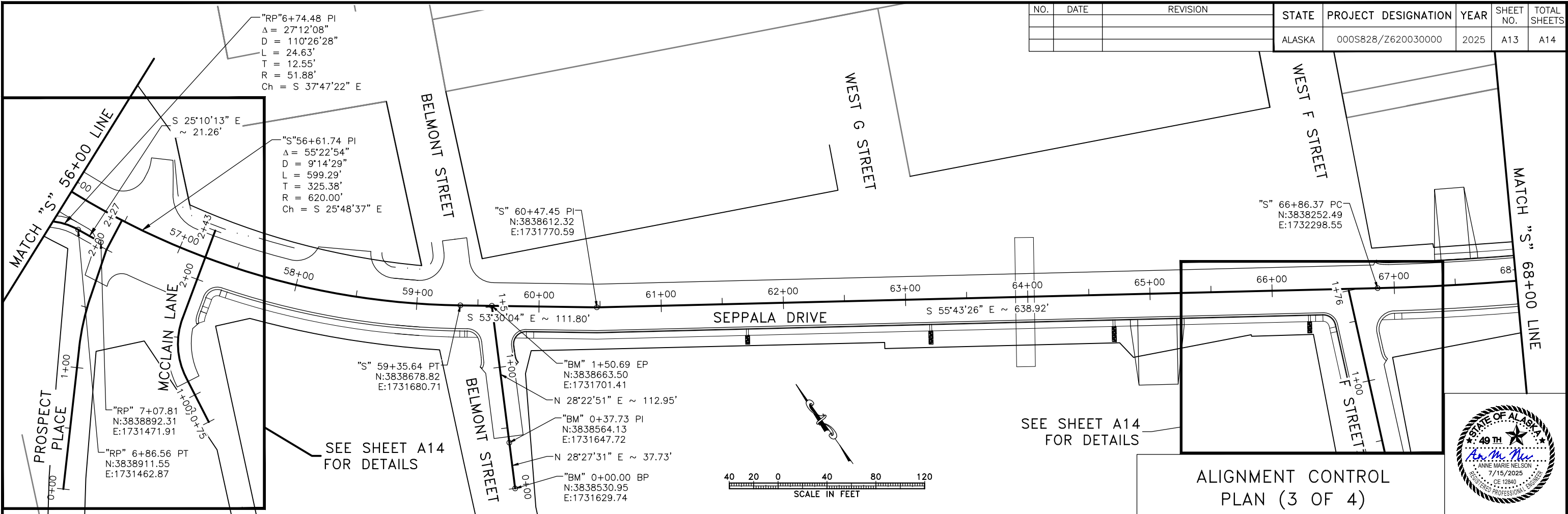
ALIGNMENT CONTROL PLAN (2 OF 4)



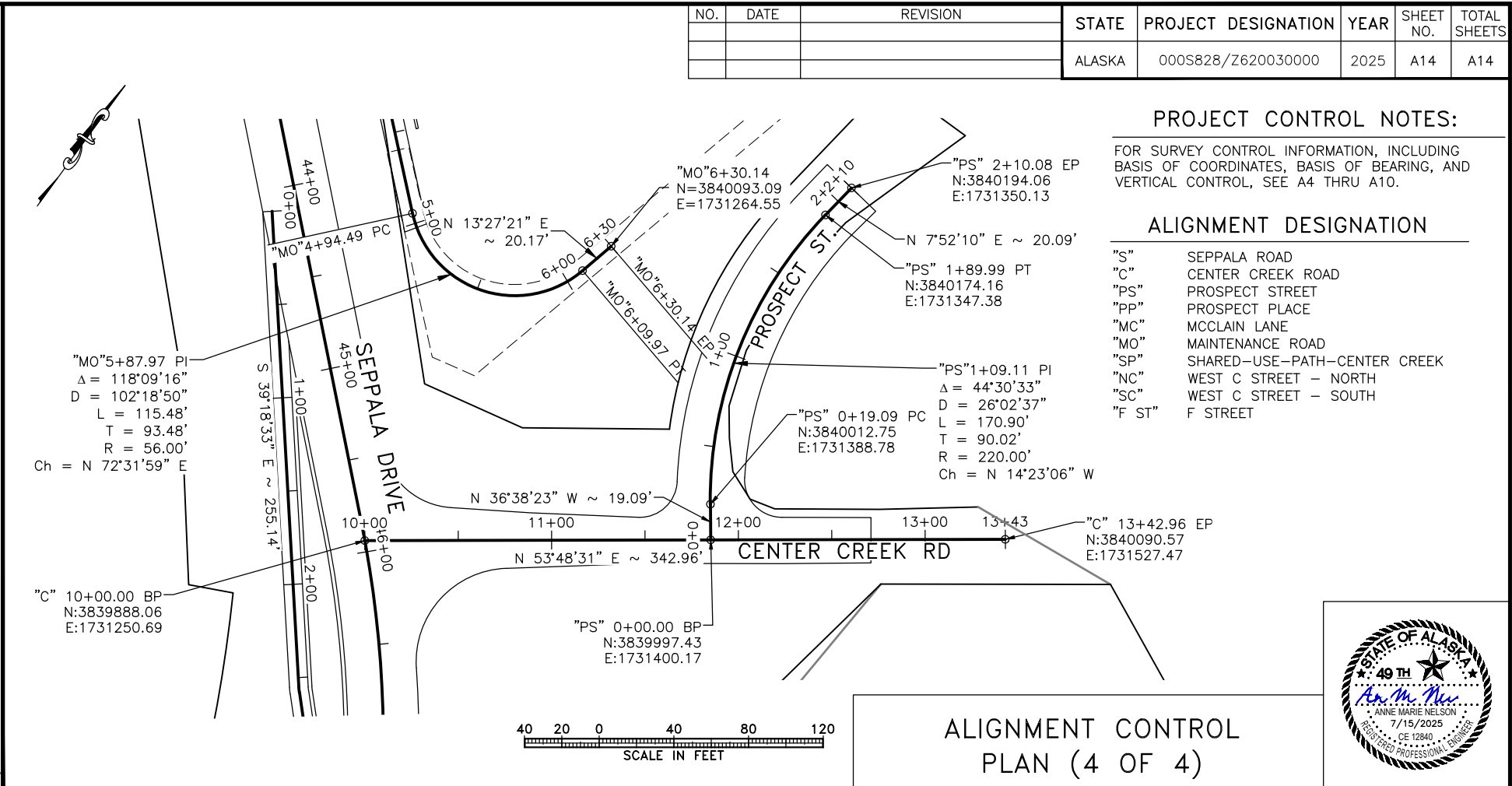
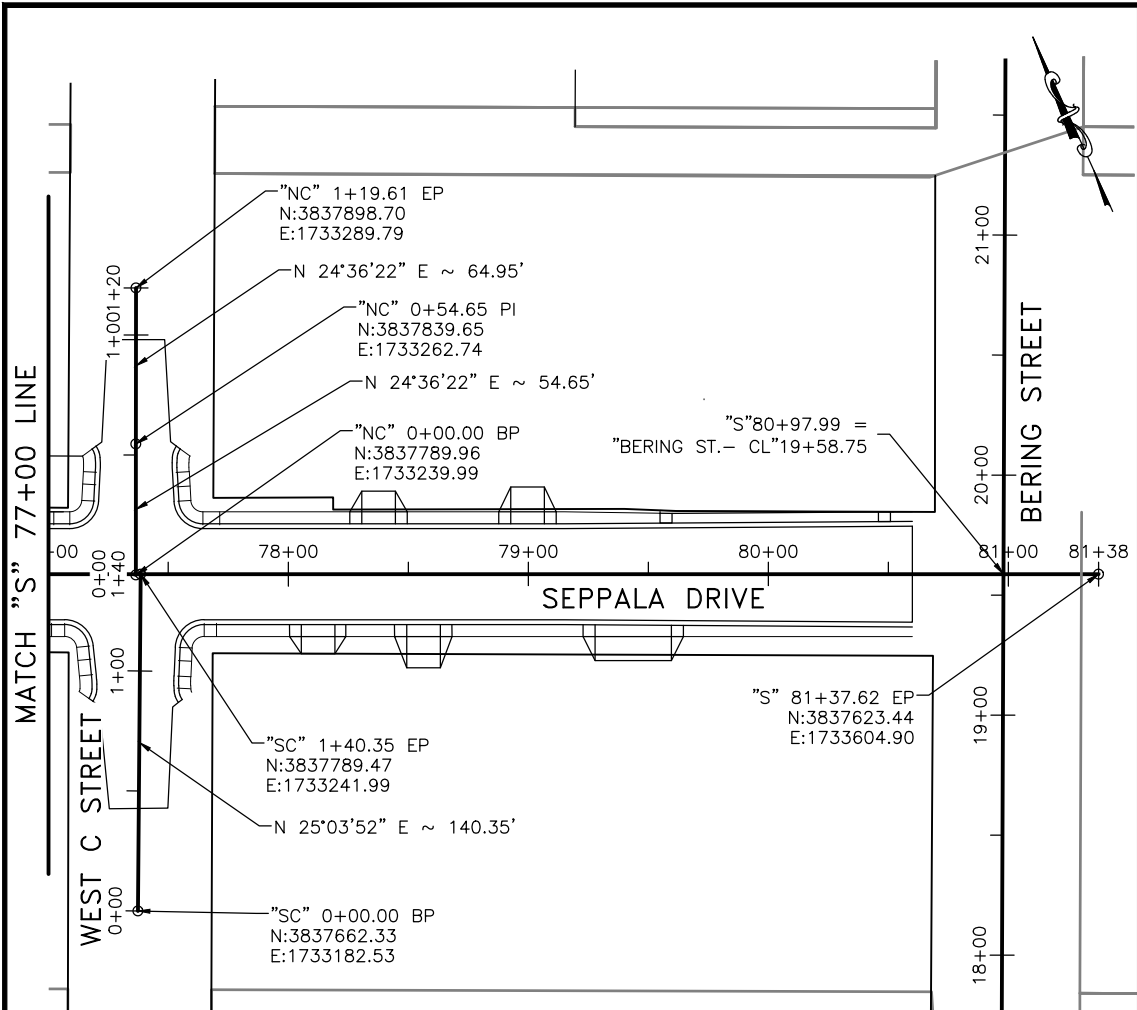
SEE SHEET A14 FOR DETAILS



PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C\0007\crst-17258FB-AC3 Tue, Jul/15/25 12:32pm



PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
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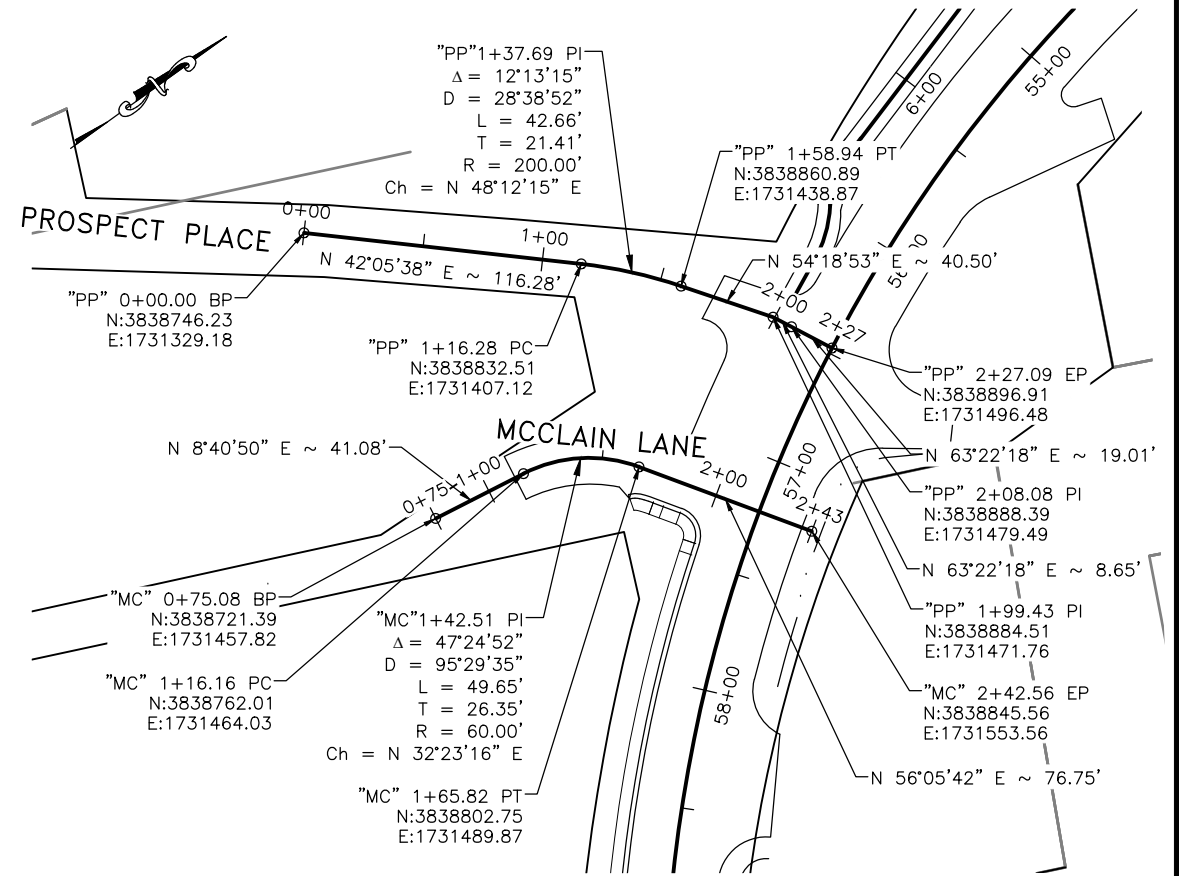
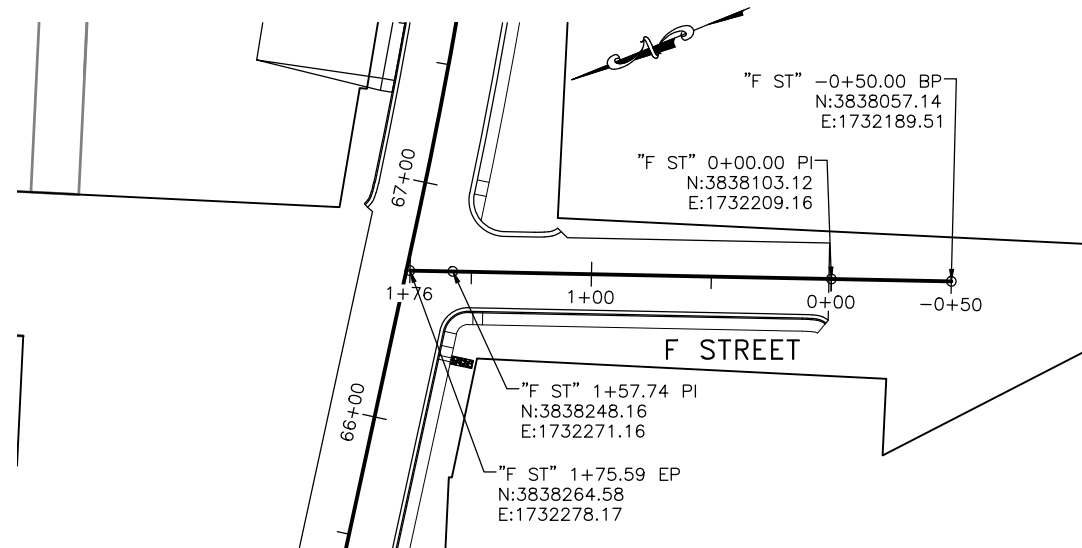


PROJECT CONTROL NOTES:
FOR SURVEY CONTROL INFORMATION, INCLUDING BASIS OF COORDINATES, BASIS OF BEARING, AND VERTICAL CONTROL, SEE A4 THRU A10.

ALIGNMENT DESIGNATION	
"S"	SEPPALA ROAD
"C"	CENTER CREEK ROAD
"PS"	PROSPECT STREET
"PP"	PROSPECT PLACE
"MC"	MCCLAIN LANE
"MO"	MAINTENANCE ROAD
"SP"	SHARED-USE-PATH-CENTER CREEK
"NC"	WEST C STREET - NORTH
"SC"	WEST C STREET - SOUTH
"F ST"	F STREET

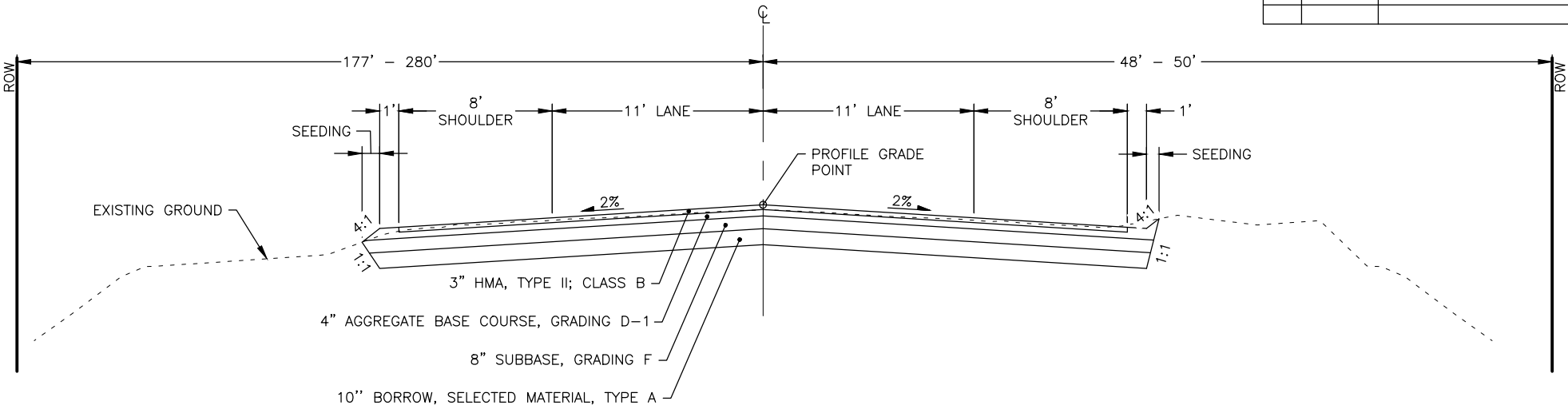


ALIGNMENT CONTROL
PLAN (4 OF 4)



PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C3001cnst-17258FB-B1 Typical Sections (1 of 5).Thu, May/15/25 08:53am

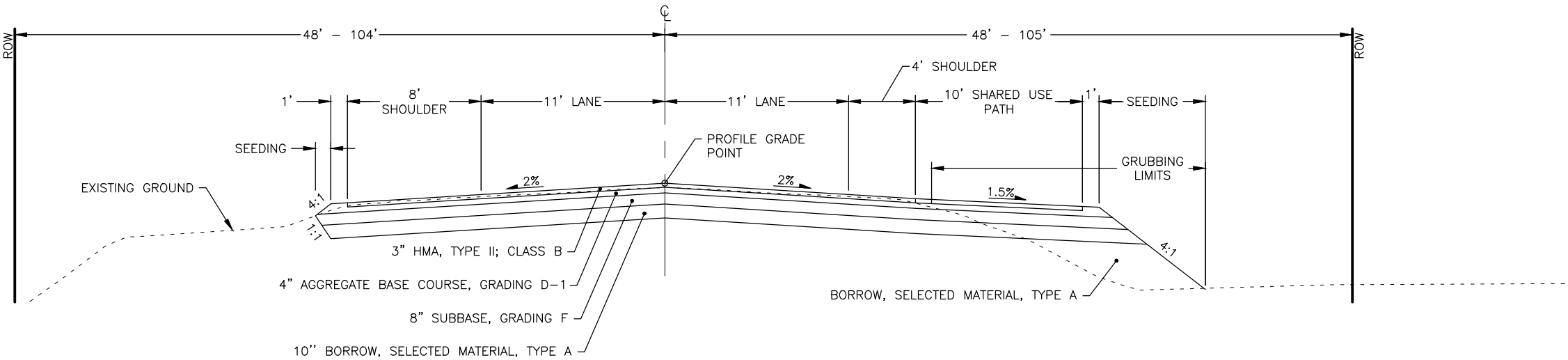
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	B1	B5



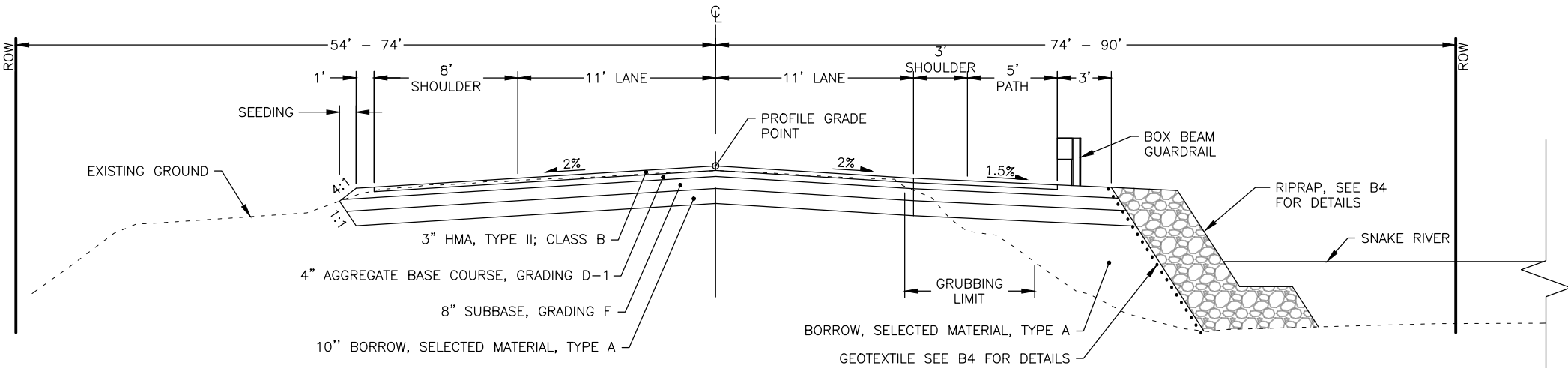
SEPPALA DRIVE
STA "S" 12+00 - 20+09

NOTES:

1. APPLY TACK COAT TO SAW CUT ASPHALT FACE PRIOR TO PAVING AND FACES OF CURB AND GUTTER IN ACCORDANCE WITH SECTION 402 TACK COAT. THICKNESS SHALL NOT BE LESS THAN 10 MILS. TACK COAT IS SUBSIDIARY AND NOT PAID SEPARATELY.
2. APPLY TRAFFIC SAFETY EDGE AT ALL APPLICABLE LOCATIONS, EXCEPT WHERE CURB AND GUTTER ARE PRESENT, IN ACCORDANCE WITH STANDARD DRAWINGS M-25.00.



SEPPALA DRIVE
STA "S" 20+09 - 34+60



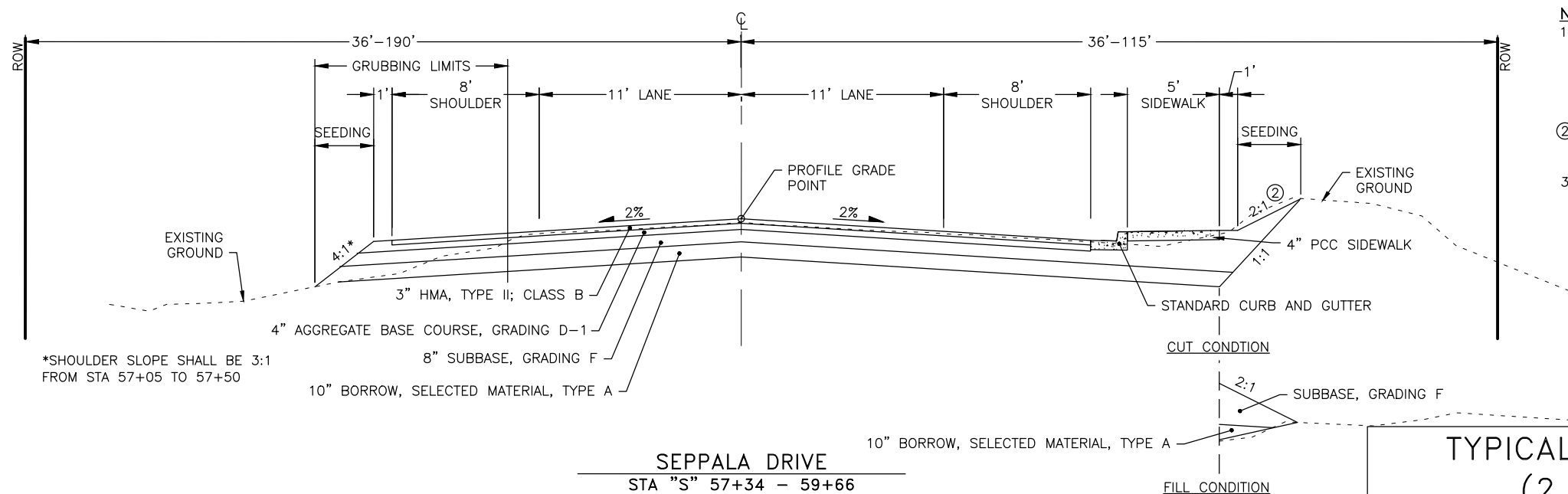
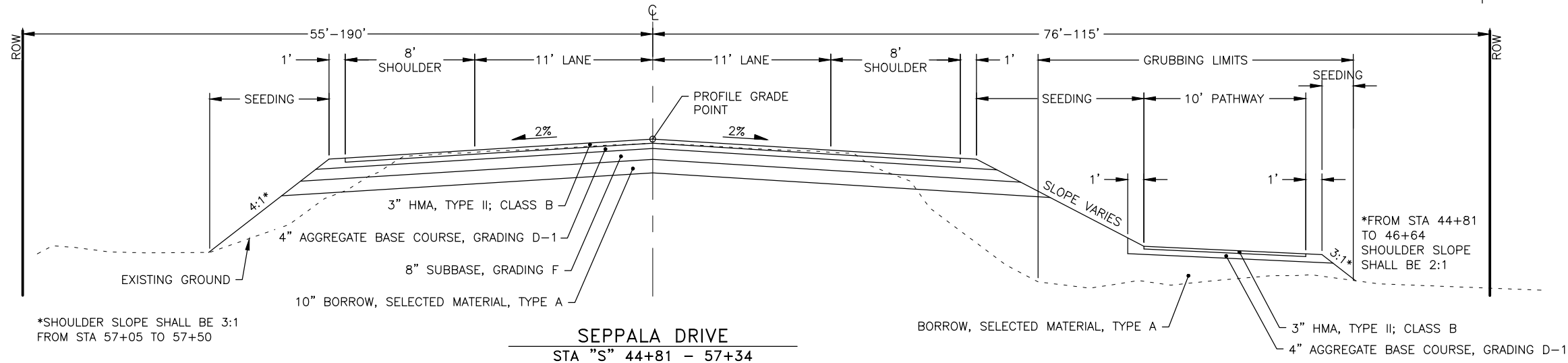
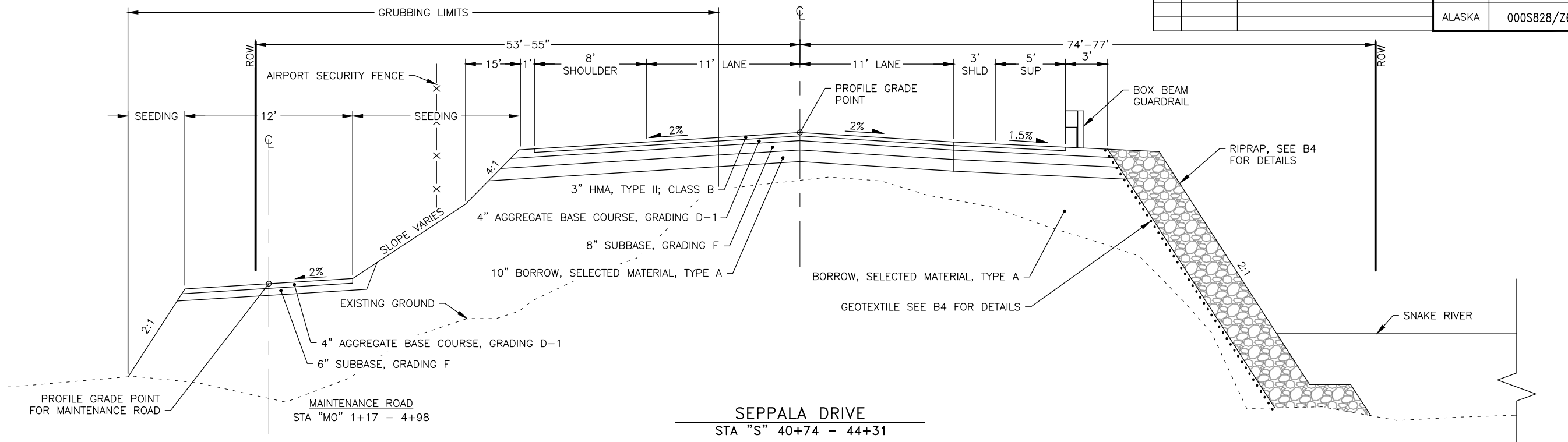
SEPPALA DRIVE
STA "S" 34+60 - 40+74
STA "S" 44+31 - 44+81

TYPICAL SECTIONS
(1 OF 5)



PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C\3001cnst-17258FB-B2 Typical Sections Thu, May/15/25 08:53am

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	B2	B5



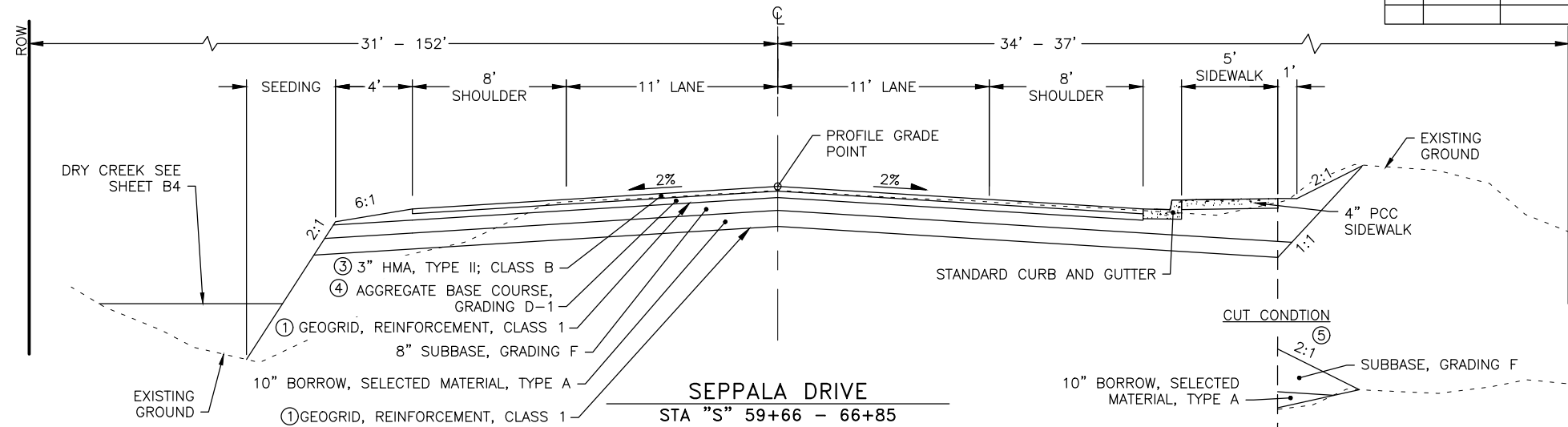
- NOTES:**
1. APPLY TACK COAT TO SAW CUT ASPHALT FACE PRIOR TO PAVING AND FACES OF CURB AND GUTTER IN ACCORDANCE WITH SECTION 402 TACK COAT. THICKNESS SHALL NOT BE LESS THAN 10 MILS TACK COAT IS SUBSIDIARY AND NOT PAID SEPARATELY.
 2. FROM STA 57+39 TO STA 58+40 TIE INTO EXISTING GRADE @2%.
 3. APPLY TRAFFIC SAFETY EDGE AT ALL APPLICABLE LOCATIONS, EXCEPT WHERE CURB AND GUTTER ARE PRESENT, IN ACCORDANCE WITH STANDARD DRAWINGS M-25.00.

TYPICAL SECTIONS
(2 OF 5)



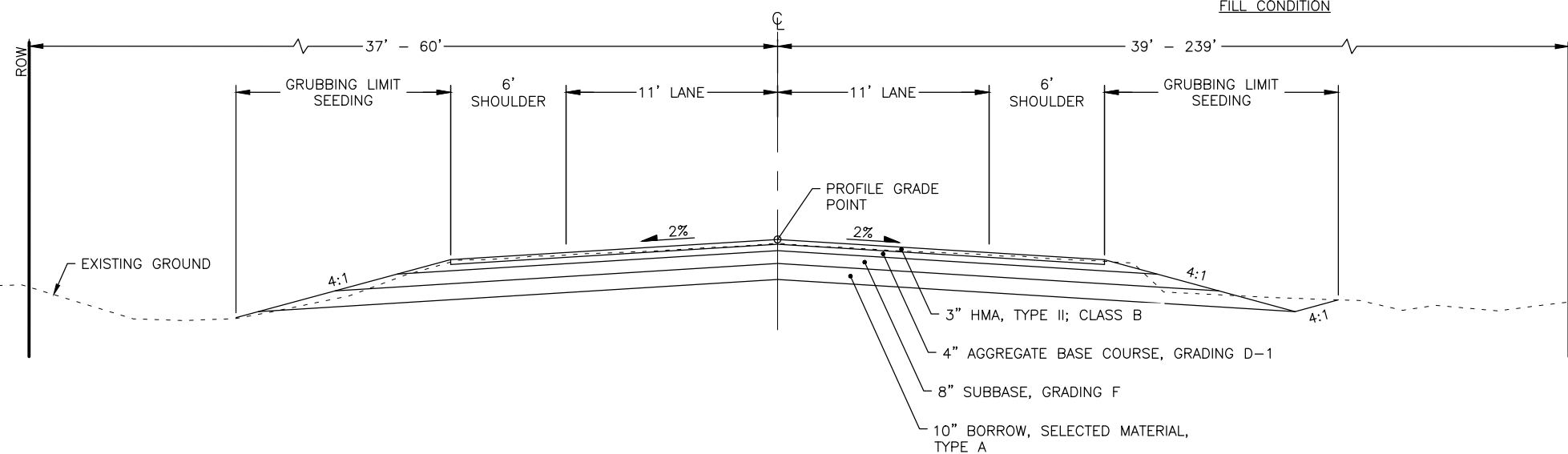
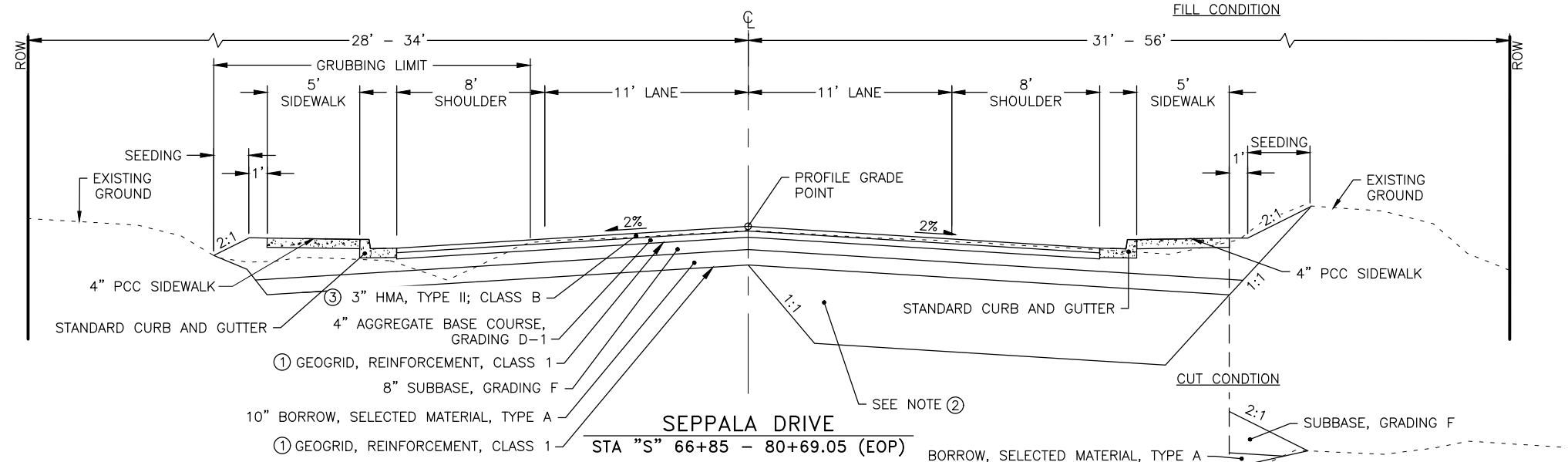
PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C\3001cnst-17258FB-B3 Typical Sections (3 of 5). Thu, May/15/25 08:53am

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	B3	B5



NOTES:

- ① GEOGRID, REINFORCEMENT, CLASS 1 SHALL BE GEOGRID, REINFORCEMENT, CLASS 1, REINFORCEMENT, CLASS I. GEOGRID, REINFORCEMENT, CLASS 1 TO BE PLACED FROM STA 60+00 TO STA 77+50
- ② OVER EXCAVATE SINK HOLE FROM APPROXIMATELY STA 69+25 TO STA 69+50 TO A DEPTH NOT TO EXCEED 4'. CONFIRM LIMITS AND DETPH OF OVER EXCAVATION WITH ENGINEER IN THE FIELD. IF SINK HOLE PERSISTS DEEPER THAN 4' THE CONTRACTOR SHALL FILL SINK HOLE TO THE 4' DEPTH WITH FLOWABLE FILL. BOTTOM SHALL BE SOUND MATERIAL THAT IS ORGANIC FREE. FILL SINK HOLE EXCAVATION WITH SELECTED MATERIAL, TYPE A.
- ③ APPLY TACK COAT TO SAW CUT ASPHALT FACE PRIOR TO PAVING AND FACES OF CURB AND GUTTER IN ACCORDANCE WITH SECTION 402 TACK COAT. THICKNESS SHALL NOT BE LESS THAN 10 MILS TACK COAT IS SUBSIDIARY TO HMA PAY ITEMS AND NOT PAID SEPARATELY.
- ④ GRUB FROM EXISTING ROADWAY TO BANK OF CREEK.
- ⑤ STEEPEN SLOPE TO 1:1 STA 61+30 TO STA 61+82 TO MAINTAIN FILL SLOPE WITHIN THE ROW.
6. APPLY TRAFFIC SAFETY EDGE AT ALL APPLICABLE LOCATIONS, EXCEPT WHERE CURB AND GUTTER ARE PRESENT, IN ACCORDANCE WITH STANDARD DRAWINGS M-25.00.

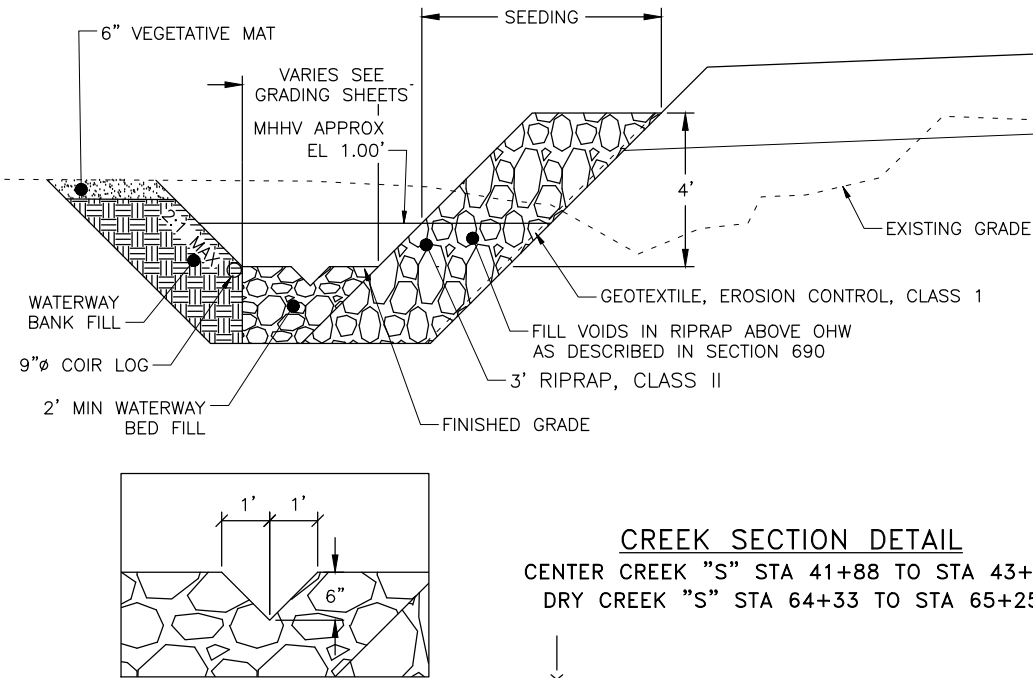
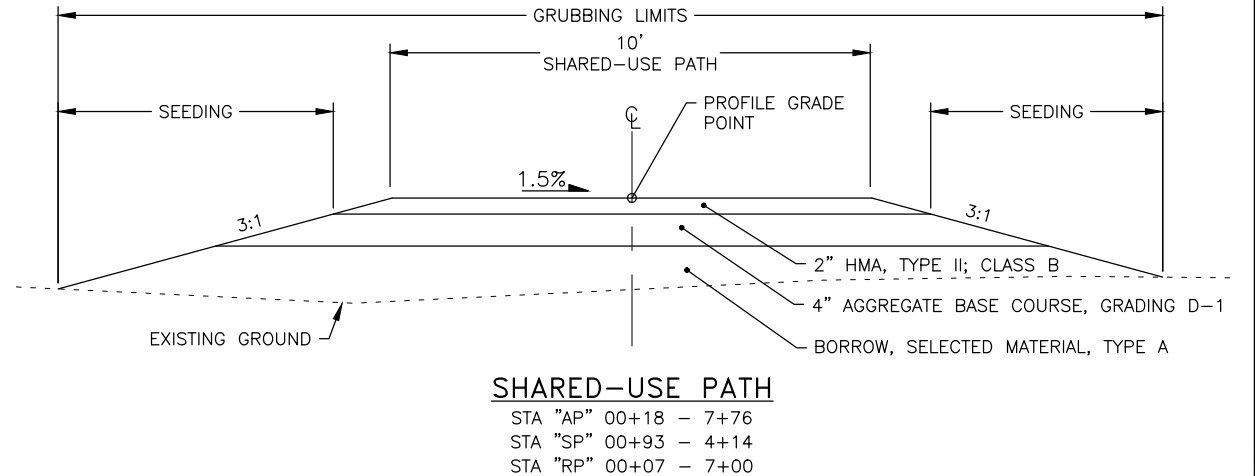
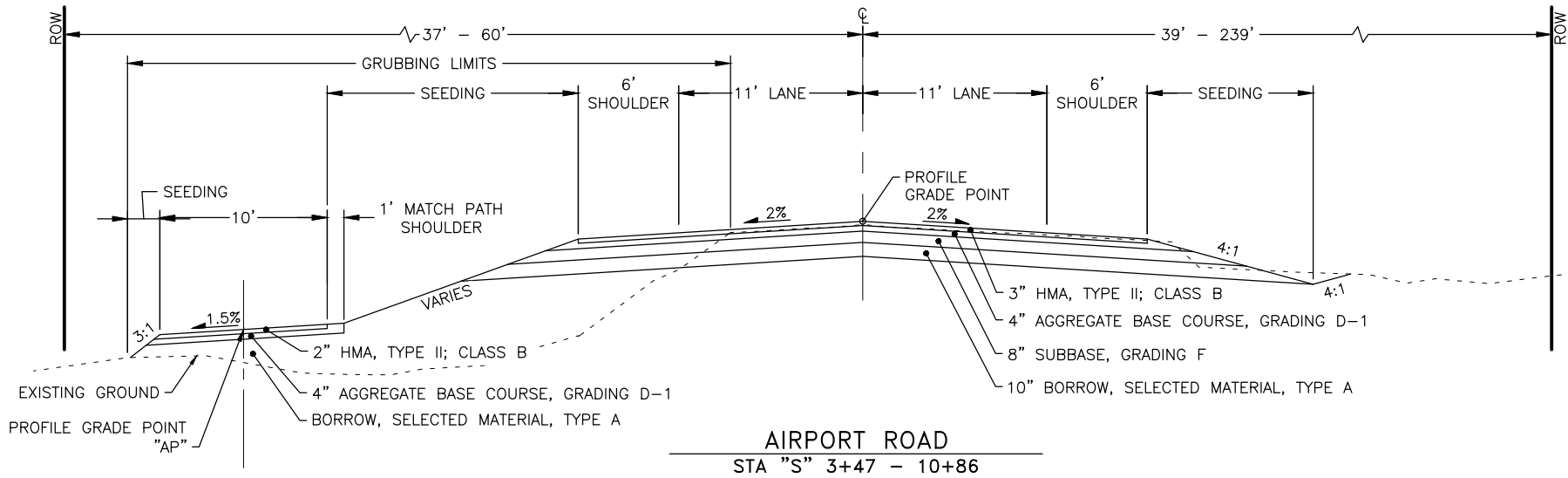


TYPICAL SECTIONS
(3 OF 5)



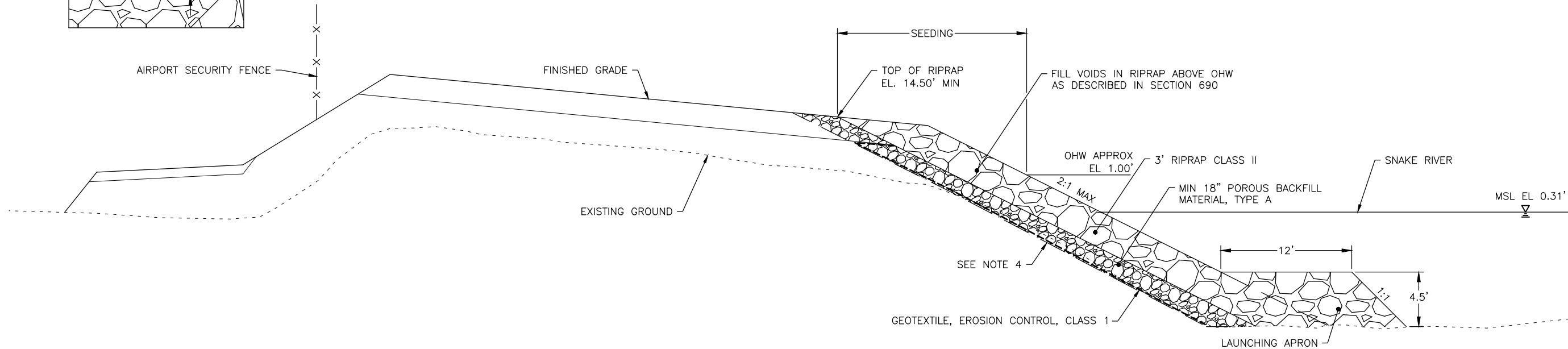
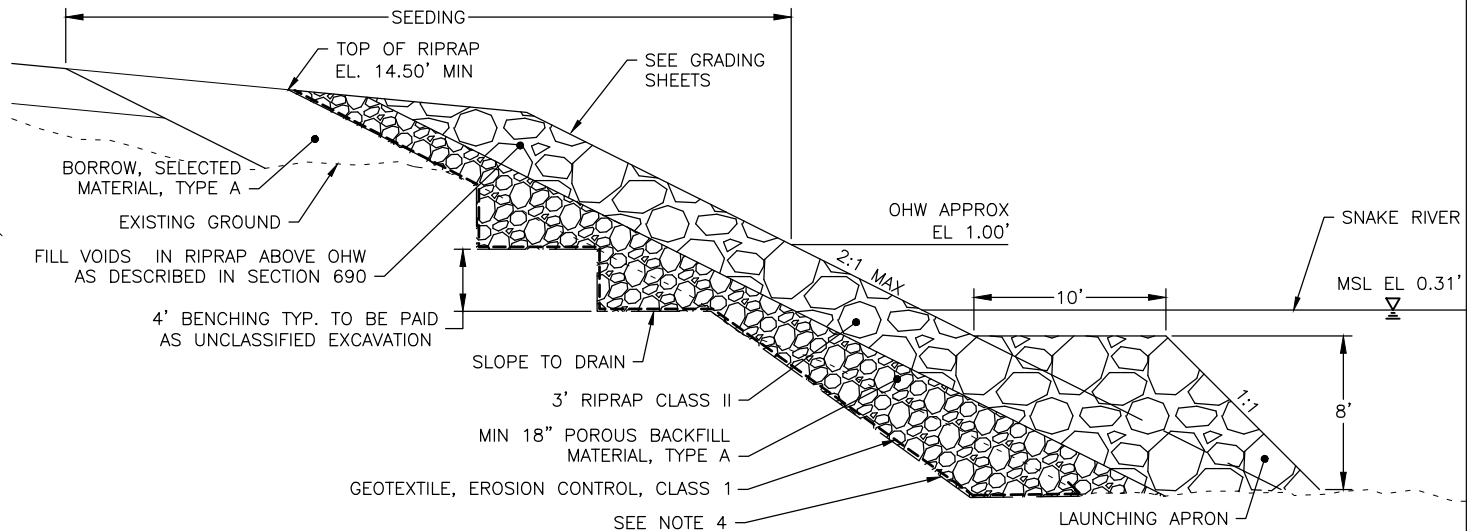
PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C\3001cnst-17258FB-B4 Typical Sections (4 of 5).Thu, May/15/25 08:53am

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	B4	B5



CREEK SECTION NOTES:

1. INSTALL VEGETATIVE MAT IN DISTURBED AREAS AND AS DIRECTED BY THE ENGINEER.
2. SEE GRADING SHEETS FOR RIPRAP LIMITS.
3. INSTALL COIR LOG AT TOE OF SLOPE WHERE RIPRAP IS NOT PRESENT. INSTALL PER ADF&G STREAMBANK REVEGETATION AND PROTECTION - GUIDE 2005.
4. EXCAVATE EXISTING GROUND BELOW WATERLINE SUCH THAT POROUS BACKFILL WILL PROVIDE MINIMUM 18" OF SUPPORT FOR RIPRAP



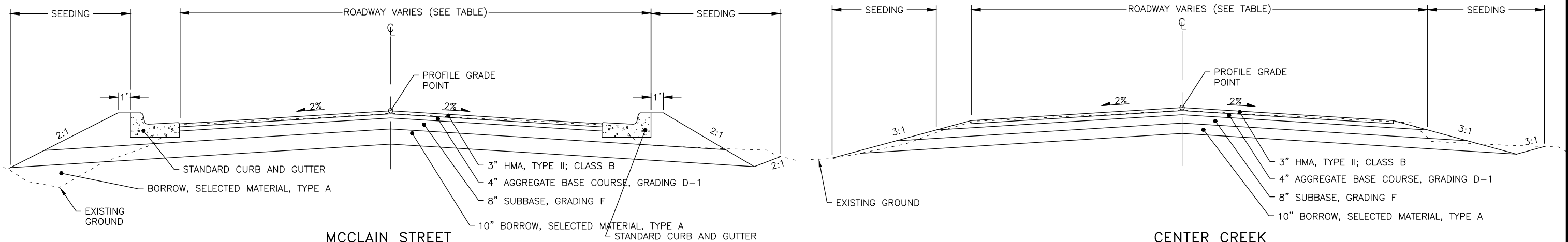
SEPPALA DRIVE - SNAKE RIVER REVETMENT
"S" STA 36+75 - 44+25

TYPICAL SECTIONS
(4 OF 5)



PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C\C3001cnst-17258FB-B5 Typical Sections (5 of 5).Thu, May/15/25 08:53am

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	B5	B5



MCCLAIN STREET

STA "MC" 1+66 - 2+00

BELMONT STREET

STA "BM" 0+98 - 1+32

F STREET

STA "F" 1+26 - 1+56

WEST E STREET

STA "SE" 0+63 - 0+97

WEST E STREET

STA "N E" 0+19 - 0+55

WEST D STREET

STA "N D" 0+53 - 0+76

WEST D STREET

STA "S D" 0+86 - 1+20

WEST C STREET

"N C" 0+53 - 0+93

WEST C STREET

"S C" 0+85 - 1+21

SIDE STREETS	
ROAD	ROADWAY (FT)
CENTER CREEK	SEE G SHEETS
PROSPECT STREET	36
PROSPECT PLACE	SEE G SHEETS
MCCLAIN STREET	20
BELMONT STREET	24
F STREET	30
WEST C STREET	SEE G SHEETS
WEST D STREET	SEE G SHEETS
WEST E STREET	SEE G SHEETS

CENTER CREEK

STA "CC" 10+11 - 12+70

PROSPECT STREET

STA "PS" 00+12 - 2+10

PROSPECT PLACE

STA "PP" 1+70 - 2+08

MCCLAIN STREET

STA "MC" 1+12 - 1+66

BELMONT STREET

STA "BM" 00+43 - 0+98

F STREET

STA "F" 00+25 - 1+26

WEST D STREET

STA "N D" 00+21 - 00+53

WEST C STREET

STA "N C" 00+21 - 00+53

WEST C STREET

STA "SC" 00+42 - 0+85

WEST E STREET

STA "SE" 00+58 - 0+63

NOTES:

1. APPLY TRAFFIC SAFETY EDGE AT ALL APPLICABLE LOCATIONS, EXCEPT WHERE CURB AND GUTTER ARE PRESENT, IN ACCORDANCE WITH STANDARD DRAWINGS M-25.00.

TYPICAL SECTIONS
(5 OF 5)



PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AEOC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17259FB-Seppola\C\0003\cnst-17259FB-C1 Estimate of Quantities Fri, Jun/13/25 02:25pm

ESTIMATE OF QUANTITIES			
ITEM NO.	ITEM DESCRIPTION	PAY UNIT	QUANTITY
201.0008.0000	GRUBBING	LS	ALL REQ'D
202.0001.0000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	ALL REQ'D
202.0002.0000	REMOVAL OF PAVEMENT	SY	39,620
202.0003.0000	REMOVAL OF SIDEWALK	SY	950
202.0009.0000	REMOVAL OF CURB AND GUTTER	LF	2,300
202.2029.0000	RESOLUTION OF CONFLICTS	CS	ALL REQ'D
203.0003.0000	UNCLASSIFIED EXCAVATION	CY	23,470
203.0006.0000	BORROW	TON	64,934
204.2004.0000	EMBEDMENT MATERIAL	TON	6,400
205.0007.0000	POROUS BACKFILL MATERIAL TYPE A	TON	9,720
301.0001.00D1	AGGREGATE BASE COURSE, GRADING D-1	TON	11,360
304.0001.000F	SUBBASE, GRADING F	TON	23,810
401.0001.002B	HMA, TYPE II; CLASS B	TON	7,120
401.0004.5228	ASPHALT BINDER, GRADE PG 52-28	TON	400
401.0008.002B	HMA PRICE ADJUSTMENT, TYPE II; CLASS B	CS	ALL REQ'D
401.0013.0000	JOB MIX DESIGN	EA	1
401.0015.0000	ASPHALT MATERIAL PRICE ADJUSTMENT	CS	ALL REQ'D
501.2007.0002	HEADWALL, TYPE II A	EA	1
602.0002.0000	STRUCTURAL PLATE ARCH, 15'4" SPAN, 10'4" RISE, 8 GAUGE	LF	106
602.2009.0000	DEADMAN	EA	3
603.0001.0018	CSP 18 INCH	LF	360
603.0001.0024	CSP 24 INCH	LF	430
603.0001.0036	CSP 36 INCH	LF	910
603.0001.0084	CSP 84 INCH	LF	134
603.0020.0018	END SECTION FOR PIPE 18 INCH	EA	12
603.0020.0024	END SECTION FOR PIPE 24 INCH	EA	12
603.0020.0036	END SECTION FOR PIPE 36 INCH	EA	5
604.0001.0001	STORM SEWER MANHOLE, TYPE I	EA	2
604.0002.0000	SANITARY SEWER MANHOLE	EA	4
604.0003.0000	RECONSTRUCT EXISTING MANHOLE	EA	4
604.0004.0001	ADJUST EXISTING MANHOLE	EA	2
604.0005.000A	INLET, TYPE A	EA	1
606.0001.0000	W-BEAM GUARDRAIL	LF	148
606.0003.0000	BOX BEAM GUARDRAIL	LF	835
606.0013.0000	PARALLEL GUARDRAIL TERMINAL	EA	2
606.0016.0000	TRANSITION RAIL	EA	2
606.2003.0000	WOOD BOLLARD, FIXED	EA	90
606.2010.0000	BOX BEAM TERMINAL	EA	2
607.0003.0000	CHAIN LINK FENCE	LF	1,400
608.0001.0004	CONCRETE SIDEWALK, 4 INCHES THICK	SY	1,320
608.0001.0006	CONCRETE SIDEWALK, 6 INCHES THICK	SY	530
608.0006.0000	CURB RAMP	EA	17
608.2017.0000	DETECTABLE WARNING TILE	EA	7
609.0002.0001	CURB AND GUTTER, TYPE 1	LF	4,225

ESTIMATE OF QUANTITIES			
ITEM NO.	ITEM DESCRIPTION	PAY UNIT	QUANTITY
609.2000.0000	CURB, DRAIN	EA	4
611.0002.0002	RIPRAP, CLASS II	TON	12,290
613.0002.0000	CULVERT MARKER POST	EA	16
615.0001.0000	STANDARD SIGN	SF	514
615.0004.0000	DELINEATOR, RIGID	EA	17
616.0003.0000	THAW WIRE INSTALLATION	LF	1,020
618.0002.0000	SEEDING (GENERAL SEED MIX)	LB	635
626.2015.0000	TEMPORARY SEWER SYSTEM	LS	ALL REQ'D
626.2016.0004	SANITARY SEWER CONDUIT - ARCTIC, 4-INCH, 4"x12"	LF	734
627.0003.0001	INSTALL VALVE BOX	EA	14
627.0005.0000	FIRE HYDRANT INSTALLATION	EA	1
627.0008.0000	WATER SERVICE CONNECTION	EA	20
627.0009.0004	GATE VALVE, 4-INCH	EA	2
627.0009.0008	GATE VALVE, 8-INCH	EA	12
627.0010.0000	ADJUSTMENT OF VALVE BOX	EA	3
627.2013.0000	TEMPORARY WATER SYSTEM	LS	ALL REQ'D
627.2031.0008	HDPE WATER CONDUIT - ARCTIC, 8-INCH, 8"x15"	LF	1,835
627.2032.0000	WATER SERVICE VALVE VAULT	EA	10
631.0002.0000	GEOTEXTILE, EROSION CONTROL, CLASS 1	SY	1,745
634.0002.0000	GEOGRID, REINFORCEMENT, CLASS 1	SY	18,460
639.0001.0000	DRIVEWAY	EA	22
639.2000.0000	APPROACH	EA	13
640.0001.0000	MOBILIZATION AND DEMOBILIZATION	LS	ALL REQ'D
640.0004.0000	WORKER MEALS AND LODGING, OR PER DIEM	LS	ALL REQ'D
641.0001.0000	EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	LS	ALL REQ'D
641.0003.0000	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL	LS	ALL REQ'D
641.0004.0000	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL ADDITIVES	CS	ALL REQ'D
641.0006.0000	WITHHOLDING	CS	ALL REQ'D
641.0007.0000	SWPPP MANAGER	LS	ALL REQ'D
641.0008.0000	SWPPPTRACK	CS	ALL REQ'D
642.0001.0000	CONSTRUCTION SURVEYING	LS	ALL REQ'D
642.0003.0000	THREE PERSON SURVEY PARTY	HR	90
643.0002.0000	TRAFFIC MAINTENANCE	LS	ALL REQ'D
643.0018.0000	WATERING	MGAL	1
643.0025.0000	TRAFFIC CONTROL	CS	ALL REQ'D
643.2005.0000	PUBLIC INFORMATION PROGRAM	LS	ALL REQ'D
643.2012.0000	CONSTRUCTION PHASING PLAN AIRPORT	LS	ALL REQ'D
644.0001.0000	FIELD OFFICE	LS	ALL REQ'D
644.0002.0000	FIELD LABORATORY	LS	ALL REQ'D
644.0004.0000	MEALS	DAY	90
644.0005.0000	LODGING	DAY	90

ESTIMATE OF QUANTITIES			
ITEM NO.	ITEM DESCRIPTION	PAY UNIT	QUANTITY
644.0006.0000	VEHICLE	LS	ALL REQ'D
645.0001.0000	TRAINING PROGRAM, 2 TRAINEES/APPRENTICES	LABOR HOUR	1,000
646.0001.0000	CPM SCHEDULING	LS	ALL REQ'D
660.0003.0000	HIGHWAY LIGHTING SYSTEM COMPLETE, CENTER CREEK	LS	ALL REQ'D
670.0001.0000	PAINTED TRAFFIC MARKINGS	LS	ALL REQ'D
671.2005.0000	STREAM DIVERSION AND DEWATERING	LS	ALL REQ'D
682.2005.0000	UTILITY POTHOLE LOCATE DURING CONSTRUCTION	CS	1
690.2003.0000	WATERWAY BANK REVEGETATION AND PROTECTION	LF	1175
690.2004.0000	WATERWAY RESTORATION - STREAM REALIGNMENT	LF	670

ESTIMATE OF QUANTITIES



PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C\0008\cnsr-17258FB-C2 Estimate of Quantities Thu, Apr/10/25 01:22pm

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	C2	C2

ESTIMATING FACTORS		
ITEM NUMBER	ITEM	FACTOR
203.0006.000A	BORROW	2 TONS/CUBIC YARD
204.2004.0000	EMBEDMENT MATERIAL	1.96 TONS/CUBIC YARD
205.0007.0000	POROUS BACKFILL MATERIAL, TYPE A	1.96 TONS/CUBIC YARD
301.0001.00D1	AGGREGATE BASE COURSE, GRADING D-1	1.96 TONS/CUBIC YARD
304.0001.000F	SUBBASE, GRADING F	1.96 TONS/CUBIC YARD
401.0001.002B	HMA, TYPE II; CLASS B	1.96 TONS/CUBIC YARD
401.0004.5228	ASPHALT BINDER, GRADE PG 52-28	6%/TON
402.0001.STE1	STE-1 ASPHALT FOR TACK COAT	0.0003 TONS/SQUARE YARD
611.0002.0001	RIPRAP, CLASS I	1.6 TON / CY
611.0002.0002	RIPRAP, CLASS II	1.6 TON / CY

ESTIMATED LUMP SUM QUANTITIES		
ITEM NO.	ITEM	QUANTITY
201.0008.0000	GRUBBING	3.1 AC
201.0001.0000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	SEE SUMMARY ON SHEET D1
643.2012.0000	CONSTRUCTION PHASING PLAN, AIRPORT	
	HAZARD MARKER BARRIER, PLASTIC	68 EA
	TEMPORARY SECURITY FENCE	843 LF
	CONCRETE BARRIER	39 EA
	RUNWAY CLOSURE MARKER, ILLUMINATED	2 EA
660.0003.0000	HIGHWAY LIGHTING SYSTEM COMPLETE	
	REMOVE LIGHT EXISTING ELECTROILER	1 EA
	REMOVE EXISTING JUNCTION BOX	1 EA
	REMOVE EXISTING LOAD CENTER	1 EA
	ELECTROILER DRIVEN PILE FOUNDATION	1 EA
	ELECTROILER	1 EA
	JUNCTION BOX 1A	1 EA
	LOAD CENTER FOUNDATION	1 EA
	LOAD CENTER	1 EA
670.0001.0000	PAINTED TRAFFIC MARKINGS	SEE SUMMARY ON SHEET D2

ESTIMATE OF QUANTITIES



PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C\0004crst-17258FB-D1 Thu, Apr/10/25 01:22pm

202.0001.0000 REMOVAL OF STRUCTURES AND OBSTRUCTIONS	
DESCRIPTION	QUANTITY
REMOVAL OF CULVERT PIPE	1,424 LF
REMOVAL OF CULVERT DEADMAN	6 EA
GUARDRAIL	1,192 LF
BOLLARD	65 EA
SIGN	49 EA
DELINEATOR	26 EA
FENCE	1,395 LF
EXISTING POWER POLE CUT TO GRADE	1 EA

202.0002.0000 REMOVAL OF PAVEMENT SUMMARY				
ALIGNMENT	BEGIN STATION	END STATION	QUANTITY (SQUARE YARD)	REMARKS
"S"	10+76	80+60	32,376	
"AR"	1+40	10+50	3,820	
"C"	10+20	12+70	855	
"PS"	0+19	2+10	780	
APPROACHES	N/A	N/A	1,782	

202.0003.0000 REMOVAL OF SIDEWALK SUMMARY					
ALIGNMENT	BEGIN STATION	END STATION	OFFSET	QUANTITY (SY)	REMARKS
"S"	67+82	69+88	RT	94	
"S"	68+02	69+96	LT	89	
"S"	70+40	73+56	LT	145	
"S"	70+42	73+57	RT	137	
"S"	74+00	77+17	LT	145	
"S"	74+01	76+83	RT	127	
"S"	77+07	77+17	RT	5	
"S"	77+60	80+60	RT	136	
"S"	77+66	79+52	LT	81	

202.0009.0000 REMOVAL OF CURB AND GUTTER SUMMARY					
ALIGNMENT	BEGIN STATION	END STATION	OFFSET	QUANTITY (LF)	REMARKS
"S"	67+82	69+88	RT	207	
"S"	68+02	69+96	LT	203	
"S"	70+40	73+56	LT	327	
"S"	70+42	73+57	RT	324	
"S"	74+00	76+98	LT	303	
"S"	74+01	77+17	RT	331	
"S"	77+60	80+60	RT	308	
"S"	77+66	80+60	LT	295	

SUPERELEVATION NOTES:

1. THE SUPERELEVATION ROTATION POINT IS CENTERLINE AT PROFILE GRADE UNLESS OTHERWISE NOTED.
2. SEE STANDARD PLAN 1-81.00 FOR SUPERELEVATION TRANSITION DETAILS. THE TRANSITION LENGTHS GIVEN IN THE SUMMARY DO NOT INCLUDE THE 1/2 VERTICAL CURVE LENGTHS SHOWN ON EACH END OF THE TRANSITION.
3. SUPERELEVATION SHALL BE BUILT INTO THE SUBGRADE AND CARRIED THROUGH THE FULL WIDTH.

SUPERELEVATION TABLE							
ALIGNMENT	SUPERELEVATION RATE (%)	RADIUS OF CURVE (FT)	BEGIN TRANSITION	BEGIN FULL SUPERELEVATION	END FULL SUPERELEVATION	END TRANSITION	REMARKS
"S"	2	390	15+52	16+24	18+16	18+88	
"S"	2	900	34+09	34+96	43+45	44+32	ROTATE ABOUT INSIDE LANE
"S"	2.5	600	45+12	45+92	50+86	51+66	
"S"	4.4	620	52+47	53+63	59+09	60+25	
"S"	2.2	2000	66+23	67+00	70+11	70+88	
"AR"	4	118	1+73	2+71	3+46	4+43	

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	D1	D3

CULVERT REMOVAL SUMMARY						
ALIGNMENT	STATION	DIAMETER (IN)	LENGTH (FT)	TYPE	APP. COVER (FT)	REMARKS
"AR"	3+28	18	40	CMP	3.3	
"AR"	7+20	24	445	CMP	9.8	
"AR"	8+72	18	40	CMP	1.4	
"S"	16+91	24	174	CMP	11.6	
"S"	21+21	15	47	CMP	1.9	
"S"	24+61	15	67	CMP	1.8	
"S"	26+73	15	48	CMP	2.9	
"S"	31+38	36	97	CMP	4.3	
"S"	36+95	24	UNKNOWN	CMP	10	REMOVE, CRUSH IN PLACE, OR FILL WITH SAND SLURRY
"S"	43+78	84	70	CMP	2.5	
"S"	45+77	24	72	CMP	1	
"S"	47+21	36	165	CMP	8.7	
"S"	63+80	72	77	CMP	4.6	
"S"	63+99	84	81	CMP	4	
"S"	67+33	12	41	CMP	0	
		TOTAL	1424			

606.0001.0000 W-BEAM GUARDRAIL				
ALIGNMENT	BEGIN STATION	END STATION	OFFSET	LENGTH (LINEAR FOOT)
"S"	47+81	48+83	RT	79
"S"	49+31	50+36	RT	69
			TOTAL	148

GUARDRAIL REMOVAL SUMMARY				
ALIGNMENT	BEGIN STA	END STA	SIDE	LENGTH
"S"	36+08	44+64	RIGHT	841
"S"	45+52	46+20	RIGHT	67
"S"	47+75	48+82	RIGHT	142
"S"	49+32	50+36	RIGHT	142
			TOTAL	1192

606.0003.000 BOX BEAM GUARDRAIL				
ALIGNMENT	BEGIN STATION	END STATION	OFFSET	LENGTH (LINEAR FOOT)
"S"	35+42	44+75	RT	815

606.0013.0000 PARALLEL GUARDRAIL TERMINAL (EACH)			
ALIGNMENT	BEGIN STATION	END STATION	OFFSET
"S"	47+81	48+31	RT
"S"	49+82	50+36	RT

606.0016.0000 TRANSITION RAIL (EACH)			
ALIGNMENT	BRIDGE RAIL STA	OFFSET (FT)	SIDE
"S"	48+81.55	96.30	RT
"S"	49+31.84	99.37	RT

606.2010.0000 BOX BEAM TERMINAL				
ALIGNMENT	BEGIN STATION	END STATION	OFFSET	QTY (EACH)
"S"	35+51	36+02	RT	1
"S"	44+26	44+75	RT	1

GUARDRAIL NOTES:

1. REMOVE EXISTING GUARDRAIL AND PARALLEL GUARDRAIL TERMINALS WITHOUT DAMAGING. DELIVER TO DOT&PF MAINTENANCE YARD IN NOME, AK. COORDINATE FOR DELIVERY 7 WORKING DAYS PRIOR TO REMOVAL. THIS WORK WILL BE PAID FOR UNDER 202.0001.0000 REMOVAL OF STRUCTURES AND OBSTRUCTIONS.
2. TERMINALS SHALL BE CRASHWORTHY, MEETING MASH TL-3 AND INSTALLED PER MANUFACTURERS RECOMMENDATIONS. TERMINAL LENGTH ASSUMED TO BE 50 LF.
3. THE EXISTING BRIDGE RAIL ON JAFET IS 3 RAIL. INSTALL TRANSITION PER STD DRAWING G-33.00. THE POINT WHERE THE TRANSITION TIES INTO THE BRIDGE IS SHOWN IN THE TABLE.
4. SEE SHEETS F7-F8 & G7-G8 FOR ADDITIONAL BOX BEAM GUARDRAIL DETAILS.
5. SEE SHEET F9 & G9 FOR ADDITIONAL W-BEAM GUARDRAIL DETAILS.
6. HATCHED AREA IN STANDARD DETAIL G-20.12 SHALL BE PAVED TO FACE OF GUARDRAIL.
7. FOR PARALLEL GUARDRAIL TERMINALS, CONSTRUCT THE GUARDRAIL TERMINAL WIDENING IN ACCORDANCE WITH STANDARD PLANS G-20. THE END OFFSET (X) SHALL BE 2 FEET.
8. INSTALL GUARDRAIL POSTS PER STANDARD DETAIL G-10.21. W-BEAM GUARDRAIL SHALL BE CASE 1 POSTS. BOX GUARDRAIL SHALL BE CASE 2 POSTS.

SUMMARY TABLES



PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C\0004crst-17258FB-D2 Fri, Jun/06/25 11:117am

607.0003.0000 CHAIN LINK FENCE						
ALIGNMENT	START		END		LENGTH	REMARKS
	STA	OFFSET	STA	OFFSET		
"S"	32+30	-88.1	45+07	-49.8	1349.31	SECURITY FENCE
"AR"	5+74	-235	6+15	-225	42.52	SECURITY FENCE. OFFSETS ARE APPROXIMATE. FENCE TO BE REMOVED AND REPLACED.

608.0006.0000 CURB RAMP				
ALIGNMENT	STATION	OFFSET	QUANTITY (EACH)	REMARKS
"S"	57+38	RT	1	PARALLEL
"S"	59+40	RT	1	DIRECTIONAL
"S"	59+90	RT	1	DIRECTIONAL
"S"	66+40	RT	1	PARALLEL
"S"	67+00	RT	1	DIRECTIONAL
"S"	69+90	LT	1	PARALLEL
"S"	69+85	RT	1	DIRECTIONAL
"S"	70+40	LT	1	PARALLEL
"S"	70+50	RT	1	DIRECTIONAL
"S"	73+55	LT/RT	2	PARALLEL
"S"	74+00	LT/RT	2	PARALLEL
"S"	77+15	LT/RT	2	PARALLEL
"S"	77+60	LT/RT	2	PARALLEL

608.2017.0000 DETECTABLE WARNING TILE				
ALIGNMENT	STATION	OFFSET	QUANTITY (EACH)	REMARKS
"AR"	3+55	-27.4	1	
"S"	20+63	-26.3	1	
"S"	20+64	15	1	
"S"	44+82	24.1	1	
"S"	48+36	23.9	1	
"S"	49+65	23.8	1	
"S"	56+27	24.1	1	

609.2000.0000 CURB DRAIN				
ALIGNMENT	STATION	OFFSET	QUANTITY (EACH)	REMARKS
"S"	61+70	RT	1	
"S"	63+20	RT	1	
"S"	64+70	RT	1	
"S"	66+30	RT	1	

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	D2	D3

639.0001.0000 DRIVEWAY SUMMARY									
No.	ALIGNMENT	STATION	OFFSET	SKEW ANGLE (DEGREE)	WIDTH (FT)	LENGTH (FT)	LANDING LENGTH (FT)	APPROACH SURFACING	REMARKS
D2	"S"	65+05	RT	0	32	54	10	ASPHALT	SEE NOTE 2
D3	"S"	67+50	LT	0	24	59	10	ASPHALT	
D4	"S"	68+24	LT	0	14	22	10	ASPHALT	SEE NOTE 2
D5	"S"	69+11	LT	0	32	37	30	ASPHALT	SEE NOTE 2
D7	"S"	70+78	LT	0	14	18	10	ASPHALT	
D8	"S"	71+33	RT	0	20	20	10	ASPHALT	
D9	"S"	71+39	LT	0	14	8.4	8.4	ASPHALT	SEE NOTE 1
D10	"S"	71+75	RT	0	20	7.4	7.4	ASPHALT	
D11	"S"	72+23	LT	0	14	13	10	ASPHALT	
D12	"S"	72+33	RT	0	20	7.4	7.4	ASPHALT	
D13	"S"	72+62	LT	0	14	10	10	ASPHALT	SEE NOTE 1
D14	"S"	74+93	RT	0	20	10	10	ASPHALT	
D15	"S"	76+02	LT	-1	172	15	10	ASPHALT	SEE NOTE 2
D16	"S"	75+78	RT	0	20	8	8	ASPHALT	SEE NOTE 2
D17	"S"	78+12	RT	0	14	12	10	ASPHALT	SEE NOTE 2
D18	"S"	78+38	LT	0	14	13.6	10	ASPHALT	
D19	"S"	78+56	RT	0	14	18	10	ASPHALT	
D20	"S"	79+00	LT	0	14	15.3	10	ASPHALT	
D21	"S"	79+45	RT	0	32	15	10	ASPHALT	
D22	"S"	80+03	LT	0	86	15	10	ASPHALT	SEE NOTE 2, SEE G14

NOTE: D1 AND D6 ARE NOT USED

639.2009.0000 APPROACH SUMMARY										
NO.	ALIGNMENT	STATION	OFFSET	SKEW ANGLE (DEGREE)	WIDTH (FT)	LENGTH (FT)	RADIUS (FT)	LANDING LENGTH (FT)	APPROACH SURFACING	REMARKS
A1	"AR"	03+29	LT	-1	24	36	40	30	ASPHALT	SEE NOTE 1
A2	"AR"	04+94	LT	-2	24	54	40	30	ASPHALT	
A3	"AR"	06+26	RT	0	24	20	20	10	ASPHALT	
A4	"AR"	06+28	LT	0	25	34	40	30	ASPHALT	
A5	"AR"	08+67	LT	+1	25	38	40	30	ASPHALT	
A6	"S"	15+37	LT	0	20	10	10	10	ASPHALT	
A7	"S"	21+20	LT	+3	30	43	40	30	ASPHALT	
A8	"S"	24+57	LT	0	30	43	40	20	ASPHALT	SEE NOTE 2
A9	"S"	26+71	LT	0	30	45	40	10	ASPHALT	SEE NOTE 3
A10	"S"	55+63	LT	-53	18	42	30	30	ASPHALT	
A11	"S"	56+71	LT	-12	18	42	20	10	ASPHALT	
A12	"S"	58+38	LT	-5	43	18	20	10	ASPHALT	
A13	"S"	59+38	LT	-8	20	36	20	10	ASPHALT	

670.0001.0000 PAINTED TRAFFIC MARKINGS SUMMARY			
DESCRIPTION	QUANTITY	UNIT	REMARKS
4"DY	6,461	LF	
4"W	12,028	LF	
4"WS	616	LF	INCLUDES SKIPS
8"W	10,039	LF	
LENGTH TOTAL	29,144	LF	
18"W GORE	505	SF	
24"W	846	SF	
AREA TOTAL	1,351	SF	
TURN ARROW SYMBOL	6	EA	
EACH TOTAL	6	EA	

APPROACH AND DRIVEWAY SUMMARY NOTES:

1. APPROACH LENGTH TIES INTO EXISTING CONDITIONS PRIOR TO FULL LANDING LENGTH.
2. SOME ACCESS GRADES, LANDINGS, AND ALGEBRAIC DIFFERENCES ARE NON-STANDARD DUE TO TIE IN WITH EXISTING TERRAIN.

SUMMARY TABLES



PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C\0004crst-17258FB-03 Thu, Apr/10/25 01:22pm

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	D3	D3

CULVERT SUMMARY																	
PIPE NO.	INLET			OUTLET			SLOPE (%)	LENGTH OF PIPE (FT)					CULVERT MARKING POST (EA)	CULVERT THAW WIRE (FT)	REMARKS	CENTERLINE AS-BUILT INFORMATION	
	STATION	OFFSET	INVERT ELEVATION	STATION	OFFSET	INVERT ELEVATION		18"	24"	36"	84"	124"				LATITUDE	LONGITUDE
1	"AR" 03+12	36.1 LT	10.6	"AR"3+49	36.8 LT	12.7	-4.33%		49								
P-101	"S" 16+43	100.5 LT	3.03	"S" 17+09.01	62.7 RT	2.32	0.41%			174					SEE U1-U2 FOR STORM DRAIN DETAILS		
P-102	"S" 16+93	319.1 LT	4.93	"S" 16+43.22	100.5 LT	3.24	0.77%			220					SEE U1-U2 FOR STORM DRAIN DETAILS		
P-103	"S" 19+22	518.5 LT	6.89	"S" 16+93.31	319.1 LT	4.93	0.87%			226					SEE U1-U2 FOR STORM DRAIN DETAILS		
5	"S" 20+78	39.8 LT	12.61	"S" 20+48	37.5 RT	12.5	0.18%		84				2	103			
6	"S" 20+86	39.7 LT	12.65	"S" 21+57.8	35.3 LT	12.94	-0.40%		72								
7	"S" 24+27	35.8 LT	12.25	"S" 24+92.55	34.5 LT	12.19	-0.10%		66								
8	"S" 26+34	35.6 LT	12	"S" 27+13	36.4 LT	11.51	0.62%		80								
9	"S" 31+40	40.7 LT	8.8	"S" 31+34	56.00 RT	7.91	0.92%			98			2	117			
10	"S" 43+85	61.9 RT	-0.4	"S" 43+70	71.3 LT	-1.65	-0.93%				135		2	135	CENTER CREEK SEE NOTE 2		
11	"PS" 00+40	47.6 LT	8	"PS" 00+71	25.9 RT	9.7	-2.07%		80				2	100			
12	"S" 47+23	105.6 RT	0.35	"S" 47+20	79.0 LT	3.5	1.69%			186			2	205			
13	"S" 54+95	24.6 LT	20.18	"S" 55+73	23.8 LT	20.49	0.41%	74					2	94			
14	"S" 56+28	27.6 LT	20.3	"S" 57+03	26.8 LT	19.66	0.95%	72					2	92			
15	"S" 57+98	27.8 LT	16.6	"S" 58+80	27.2 LT	15	1.91%	80									
16	"S" 59+00	27.60 LT	14.4	"S" 59+63	27.9 LT	13.2	2.04%	62									
17	"S" 63+98	57.2 RT	-2.75	"S" 63+98	48.5 LT	-2.88	-0.12%					106	2	126	DRY CREEK SEE NOTE 1		
18	"S" 67+73	30.9 LT	10.08	"S" 67+26	32.4LT	9.42	1.42%	46									
							TOTALS:	334	431	904	135	106	16	972			

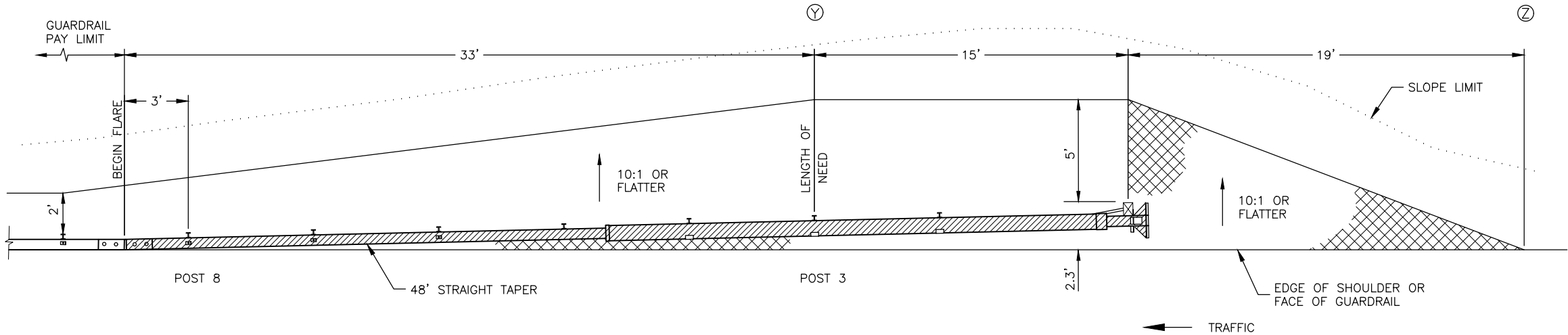
NOTES:

1. THIS IS A FISH PASSAGE CULVERT FOR THE PROJECT. CONTRACTOR TO INSTALL ONE DEADMAN ON EACH END OF CULVERT. PIPE SHALL BE 15'4" (S) X10'4" (R) PIPE ARCH.
2. THIS IS A FISH PASSAGE CULVERT. PROVIDE ONE DEADMAN ON PROJECT RIGHT AND HEADWALL WITH SECURITY GRATE ON PROJECT LEFT.
3. SEE SHEET E2 FOR CULVERT INSTALLATIONS SMALLER THAN 48", SEE SHEET E4 FOR FISH PASSAGE CULVERT INSTALLATION..

SUMMARY TABLES



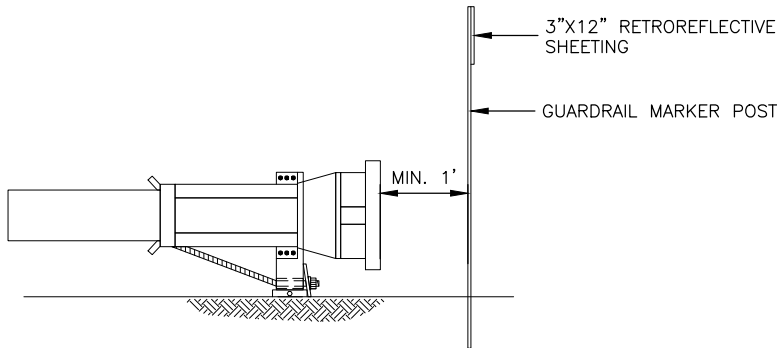
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	E1	E8



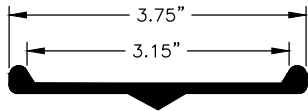
NOTES:

- FROM POINT (Y) TO (Z) THE SIDE SLOPE SHALL MATCH THE APPROACHING SIDE SLOPE EXCEPT WHERE IT IS FLATTER THAN 4:1. IN THAT CASE, THE SLOPE MAY BE STEEPENED TO 4:1.
- ON PAVED ROADS, THE HATCHED AREAS SHALL BE PAVED. ON GRAVEL ROADS, THEY SHALL BE SURFACED WITH THE TYPE OF MATERIAL USED TO SURFACE THE ROAD.
- THE CROSS-SLOPE OF THE HATCHED AREAS SHALL MATCH THE GRADE OF THE ADJACENT SHOULDER SLOPE, EVEN WHEN THE SHOULDER SLOPES TOWARD THE ROAD. IT SHALL NOT EXCEED 10:1.

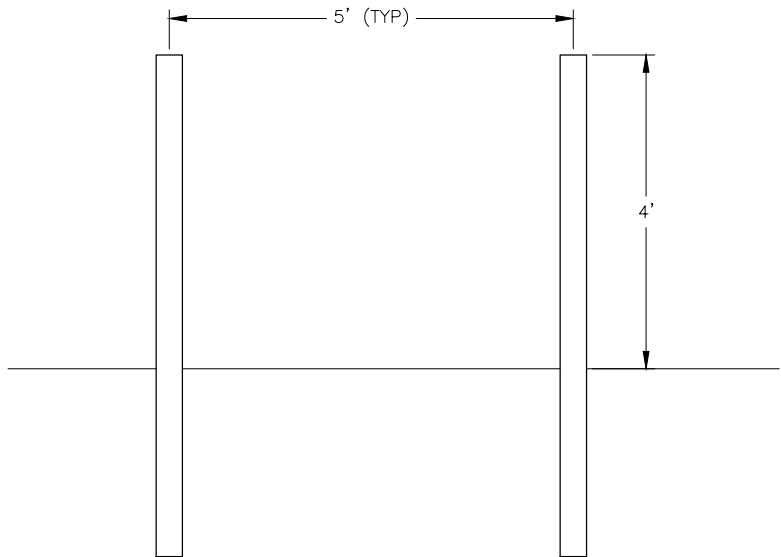
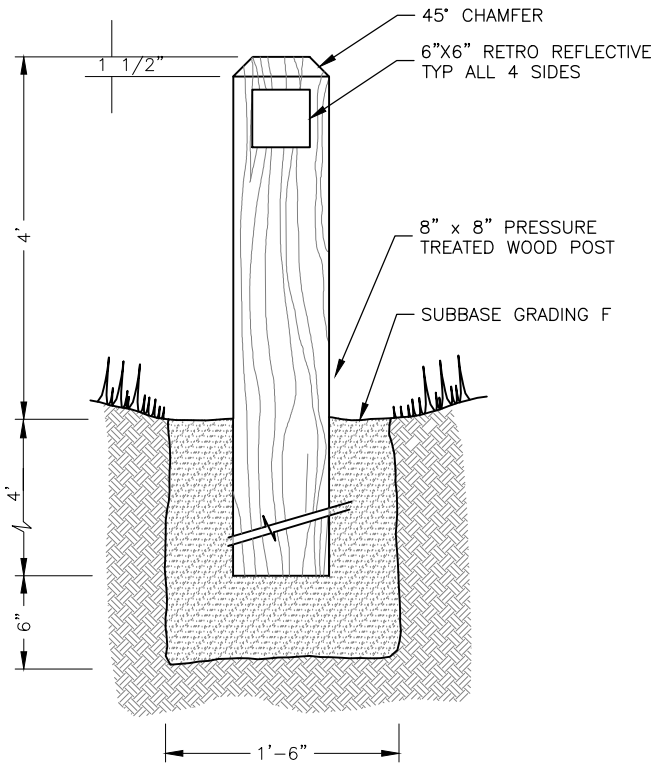
BOX BEAM TERMINAL WIDENING



GUARDRAIL MARKER POST ATTACHMENT DETAIL
PARALLEL GUARDRAIL TERMINAL



POST DETAIL
CROSS-SECTIONAL VIEW



WOOD BOLLARD DETAILS

GUARDRAIL MARKER NOTES:

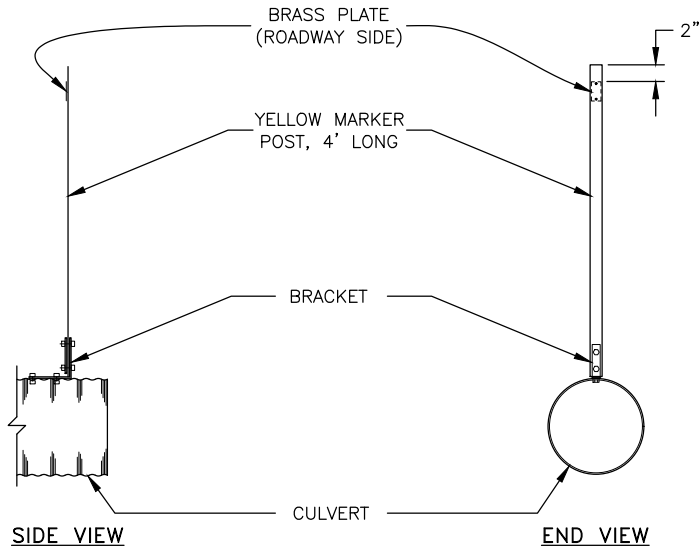
- GUARDRAIL MARKER POSTS SHALL BE YELLOW AND AT LEAST 78" LONG. POSTS SHALL MEET THE REQUIREMENTS OF SECTION 730-2.05 FLEXIBLE DELINEATOR POSTS.
- RETROREFLECTIVE SHEETING SHALL MEET ASTM D4956 REQUIREMENTS FOR TYPE VIII, IX, OR XI. COLOR OF RETROREFLECTIVE SHEETING SHALL MATCH COLOR OF ADJACENT EDGE LINE STRIPE. PLACE RETROREFLECTIVE SHEETING ON SIDE OF MARKER POST FACING TRAFFIC IN ADJACENT LANE.
- DRIVE GUARDRAIL MARKER POST 18" INTO GROUND.
- PLACE CENTER OF MARKER POST IN LINE WITH TRAFFIC SIDE OF IMPACT HEAD.
- ALL WORK AND MATERIAL REQUIRED TO INSTALL GUARDRAIL MARKER POSTS IS SUBSIDIARY TO 606 PAY ITEMS.

DETAILS

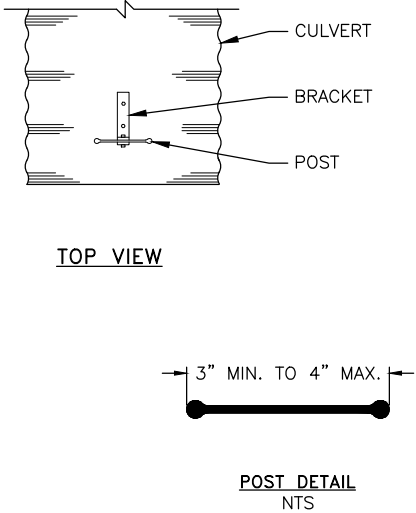


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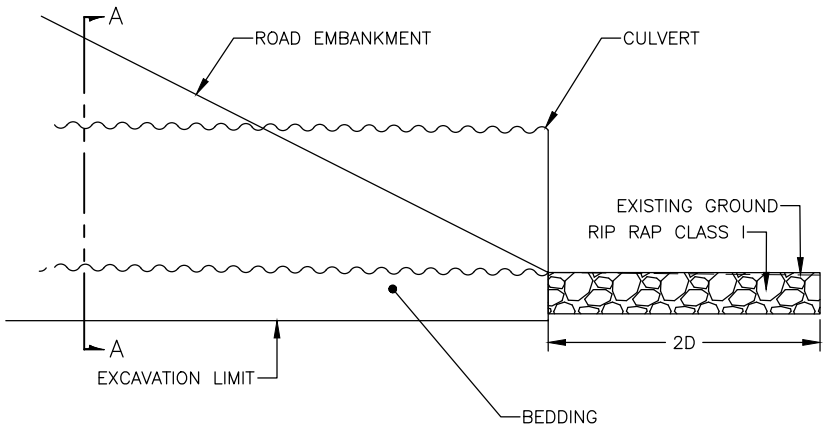
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	E2	E8



CULVERT MARKER POST DETAIL
N.T.S.



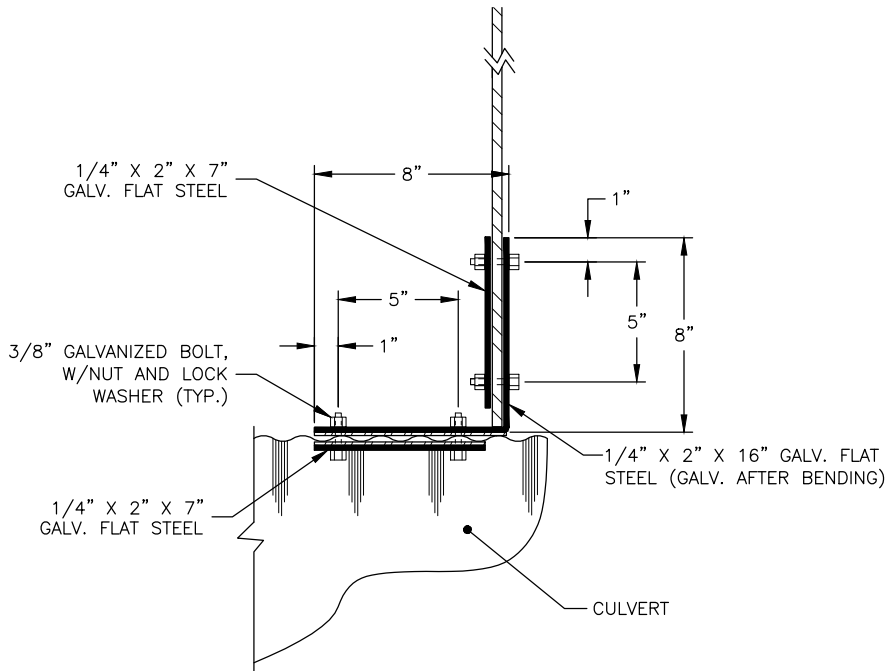
CULVERT MARKER POST
DETAILS



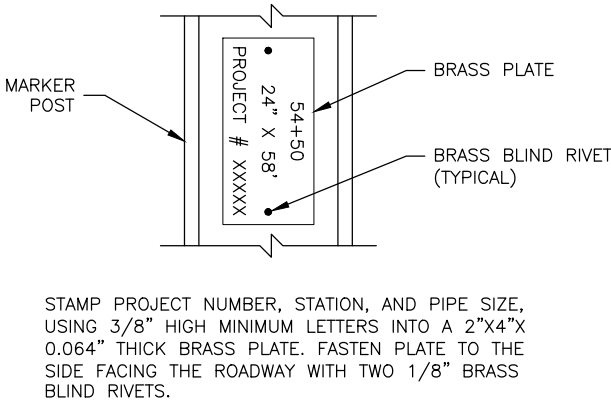
DETAIL: CULVERT INSTALLATION
N.T.S.

NOTES:

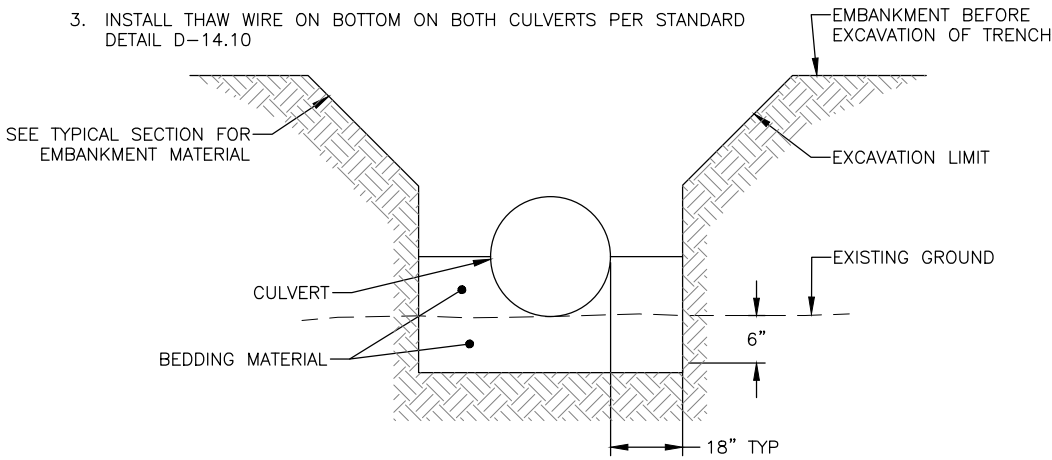
1. CONSTRUCT APRON TWO CULVERT DIAMETERS WIDE BY TWO CULVERT DIAMETERS LONG AT CULVERT INLET AND OUTLET.
2. DETAILS SHOWN THIS SHEET ARE FOR CULVERTS SMALLER THAN 48" DIAMETER.
3. INSTALL THAW WIRE ON BOTTOM ON BOTH CULVERTS PER STANDARD DETAIL D-14.10



BRACKET DETAIL
N.T.S.



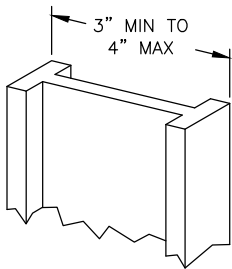
BRASS PLATE DETAIL
N.T.S.



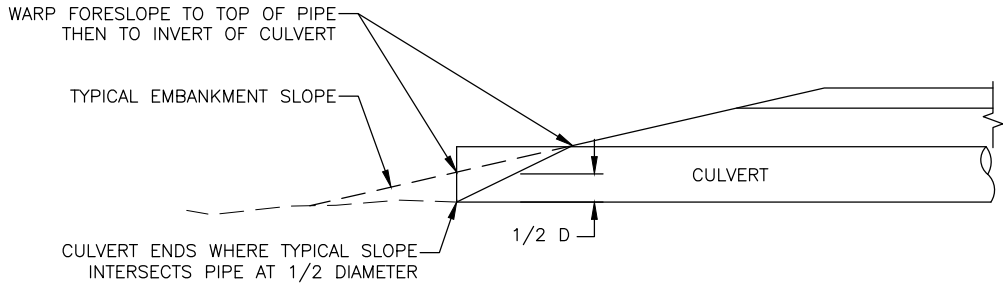
SECTION A-A CULVERT INSTALLATION
N.T.S.

CULVERT MARKER POSTS NOTES:

1. MARKER POSTS ARE TO BE INSTALLED ON CROSS CULVERTS ONLY.
2. IF CULVERTS ARE CLOSELY SPACED, MARK ONLY THE FIRST AND LAST CULVERT IN SERIES AS APPROVED BY THE ENGINEER, UNLESS OTHERWISE INDICATED IN CULVERT SUMMARY
3. DRILL ALL BOLT HOLES. COAT HOLES WITH ZINC RICH PAINT. FLAME CUTTING SHALL NOT BE PERMITTED.
4. GASKET MATERIAL SHALL BE PLACED BETWEEN DISSIMILAR METALS. GASKET MATERIAL SHALL BE APPROVED PRIOR TO INSTALLATION.
5. STATION STAMPS ON BRASS PLATES TO BE PER INSTALLED LOCATION AND NOT NECESSARILY THE LOCATION INDICATED ON THE PLANS.



MARKER POST DETAIL
N.T.S.

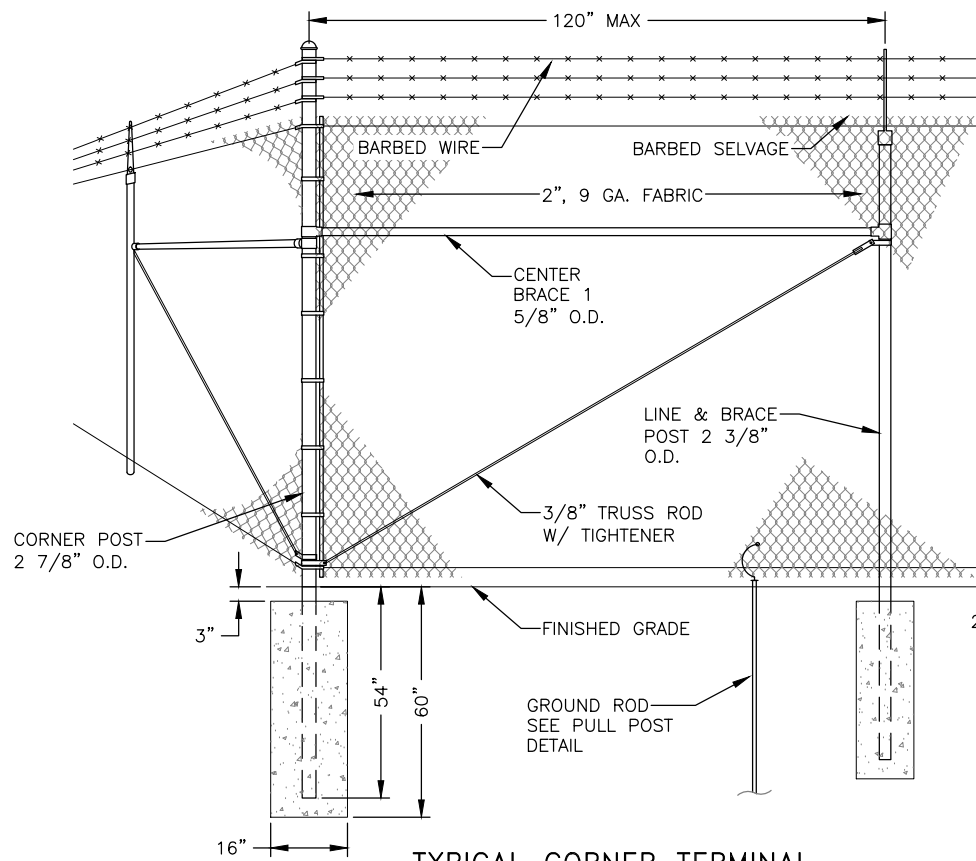


DETAILS

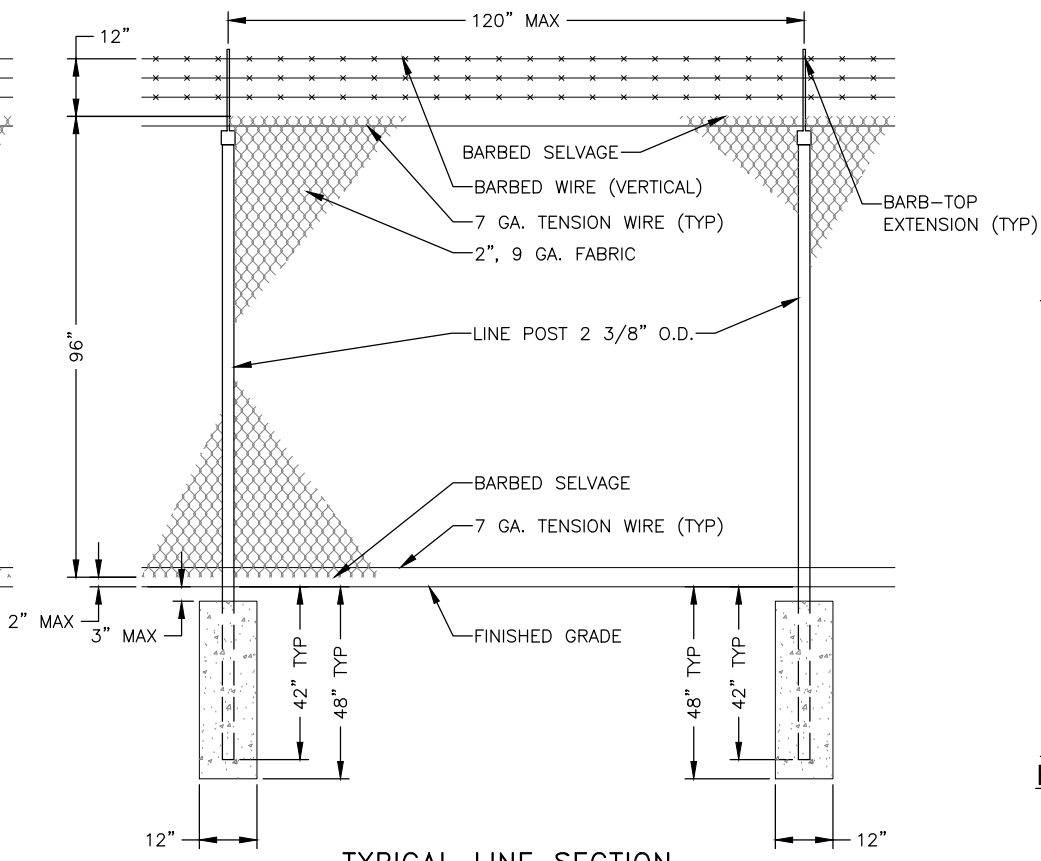


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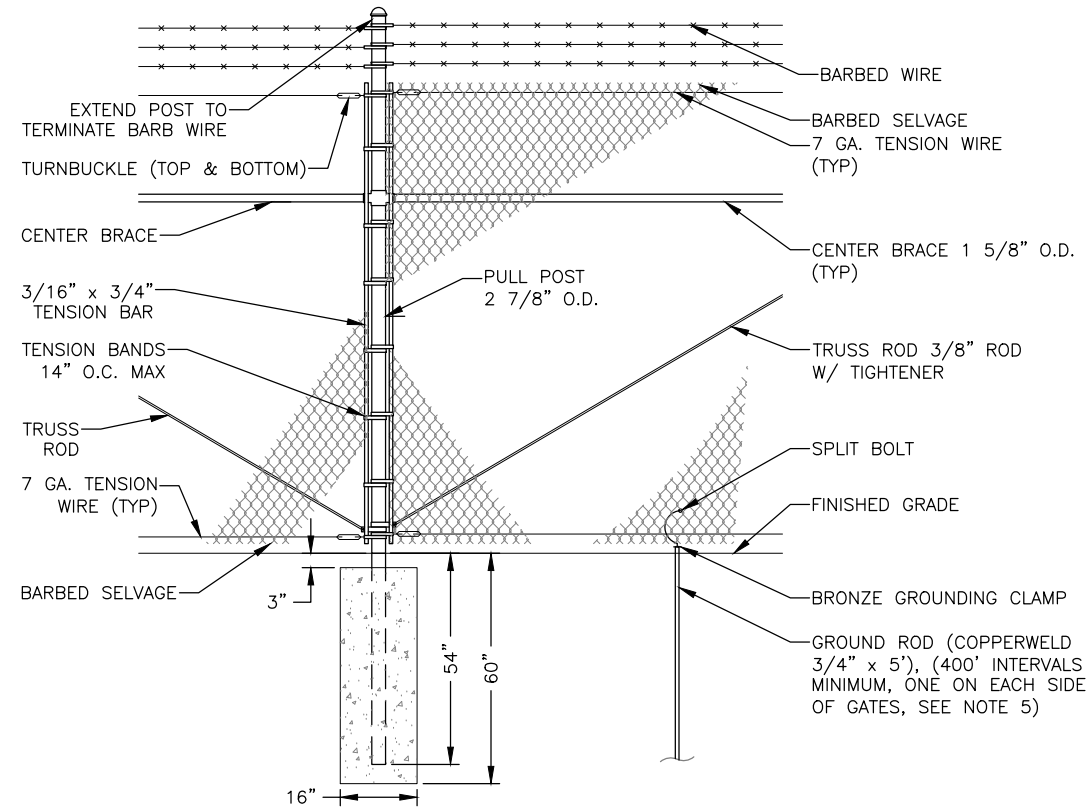
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	E3	E8



TYPICAL CORNER TERMINAL



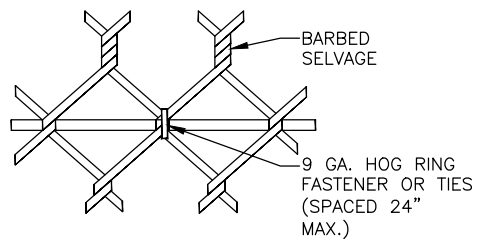
TYPICAL LINE SECTION



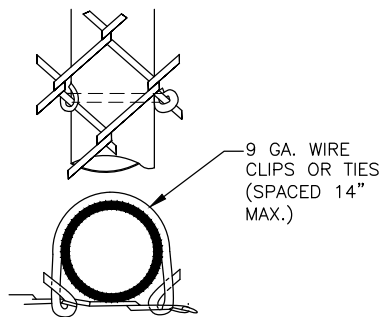
TYPICAL PULL / TERMINAL POST

GENERAL FENCE NOTES

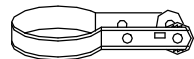
1. ALL CONCRETE USED FOR FENCE FOOTINGS SHALL BE 2500 PSI MINIMUM.
2. FINISHED CONCRETE TO BE RECESSED BELOW THE GROUND LINE. BACKFILL AND COMPACT AROUND RECESSED CONCRETE WITH EXCAVATED MATERIAL (TYPICAL ALL CONCRETE POSTS IN GROUND).
3. FINISHED CONCRETE TO BE FLUSH WITH PAVEMENT (TYPICAL ALL CONCRETE POSTS IN PAVEMENT).
4. USE DISPOSABLE FORM TUBE (E.G., SONOTUBE) FOR CONCRETE FOOTINGS, AND WRAP WITH 3 LAYERS OF 6 MIL POLYETHYLENE SHEETING.
5. GROUNDING RODS SHALL BE PLACED A MINIMUM OF 20 FT AWAY FROM BUILDING EXTERIOR, TO ENSURE THEY DO NOT PUNCTURE THE SUBSURFACE MEMBRANE LAYER.



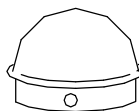
TYPICAL METHOD OF TYING
FABRIC TO TENSION WIRE



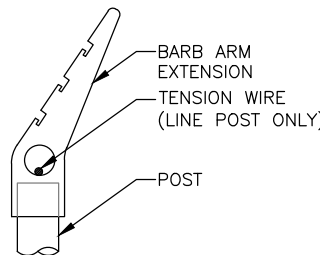
TYPICAL METHOD OF TYING
FABRIC TO TUBULAR POSTS



BARB WIRE BAND WITH
RATCHET No. 60



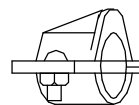
ACORN OR DOME CAP FO
GATE/TERMINAL POST



NOTES

1. TYPICAL TOP FOR ALL LINE AND PULL POST.
2. TENSION WIRE TO BE THREADED THROUGH EYE-TOP, AS SHOWN, ON ALL POST.

TYPICAL EYE-TOP
BARB-TOP EXTENSION



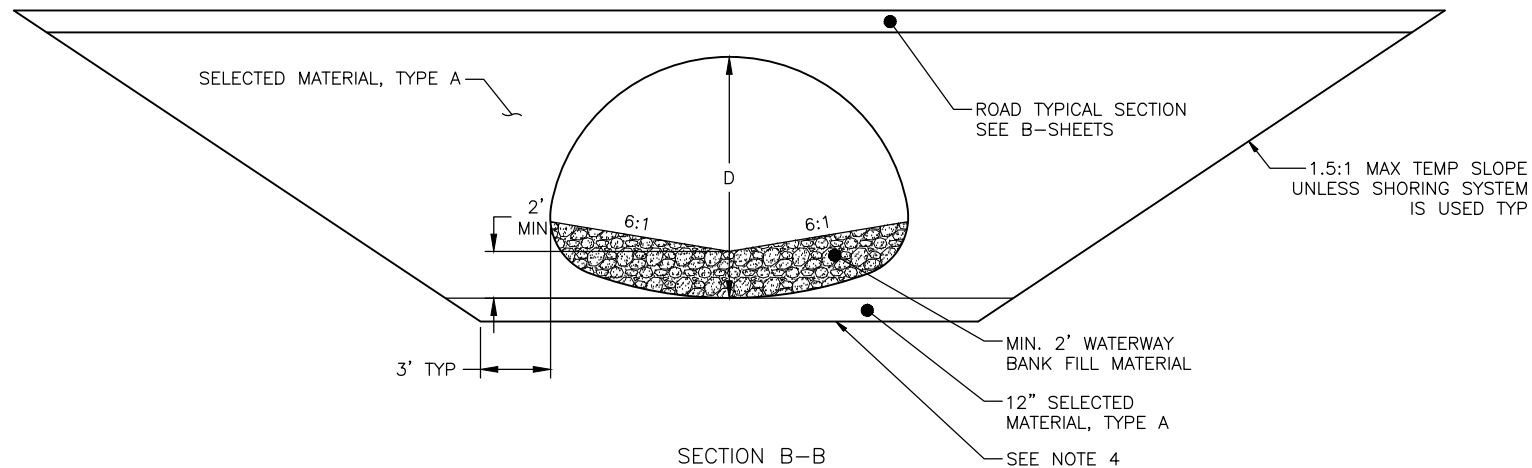
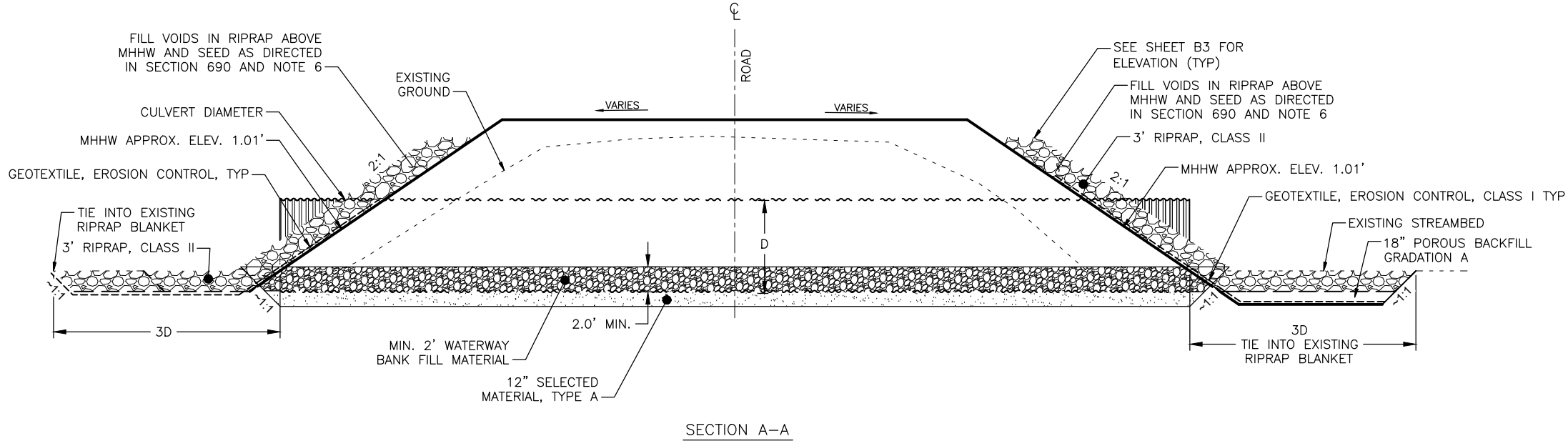
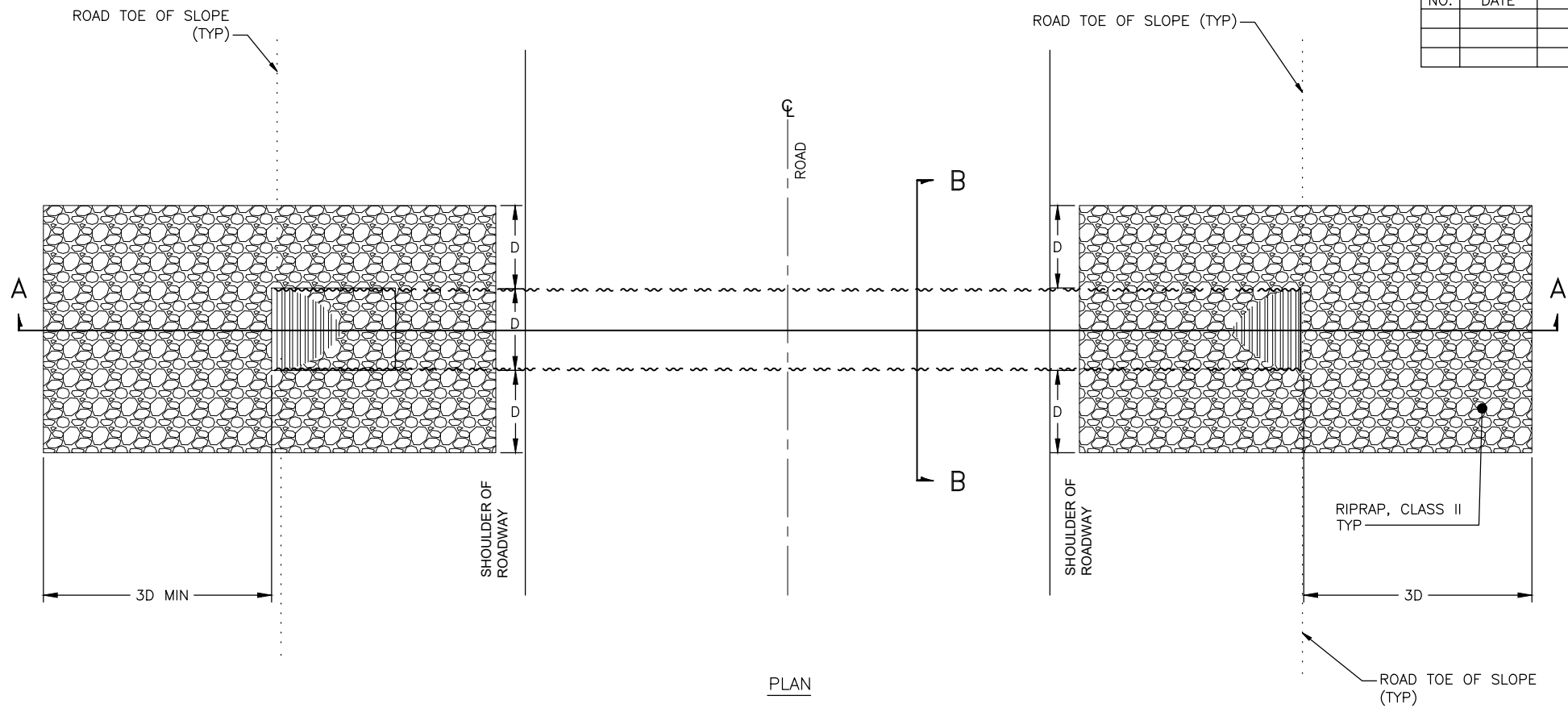
BACK STOP
C-2

FENCE DETAILS



PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C4003crst-17258FB-FishPassageDTL Thu, Apr/10/25 01:23pm

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
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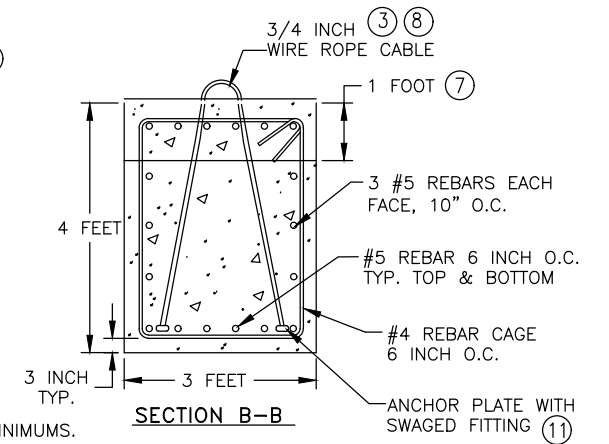


NOTES:

1. INSTALL CULVERT MARKER POSTS ON BOTH ENDS OF EACH INSTALLED CULVERT.
2. INSTALL CONCRETE DEADMAN ON BOTH ENDS OF CULVERT. SEE DEADMAN DETAIL SHEET E6.
3. INSTALL THAW WIRE ON BOTTOM ON BOTH CULVERTS PER STANDARD DETAIL D-14.10
4. THE 12" OF SELECTED MATERIAL TYPE A SHALL BE PLACED ON IN-SITU GRANULAR MATERIAL FREE FROM ORGANICS. PERFORM ADDITIONAL UNCLASSIFIED EXCAVATION AT THE DIRECTION OF THE ENGINEER IN THE FIELD.
5. THE WATERWAY BANK FILL WITHIN THE CULVERT ONLY APPLY TO FISH PASSAGE CULVERT AT DRY CREEK. WATERWAY BANK FILL MATERIAL COMPOSITION IS DESCRIBED IN 690-2.01. ALL WORK ASSOCIATED WITH INSTALLATION OF BANK FILL MATERIAL WITHIN CULVERT SHALL BE PAID AS 690.2004.0000 WATERWAY RESTORATION - STREAM REALIGNMENT.
6. CONSTRUCT RIPRAP OUTFALL AT CENTER CREEK ACCORDING TO SNAKE RIVER REVETMENT DETAILS ON SHEET B4.
7. SALVAGE THE EXISTING TOPSOIL FROM EMBANKMENT ON DRY CREEK. PLACE IN VOIDS AS DIRECTED IN SECTION A-A.

FISH PASSAGE
CULVERT DETAIL





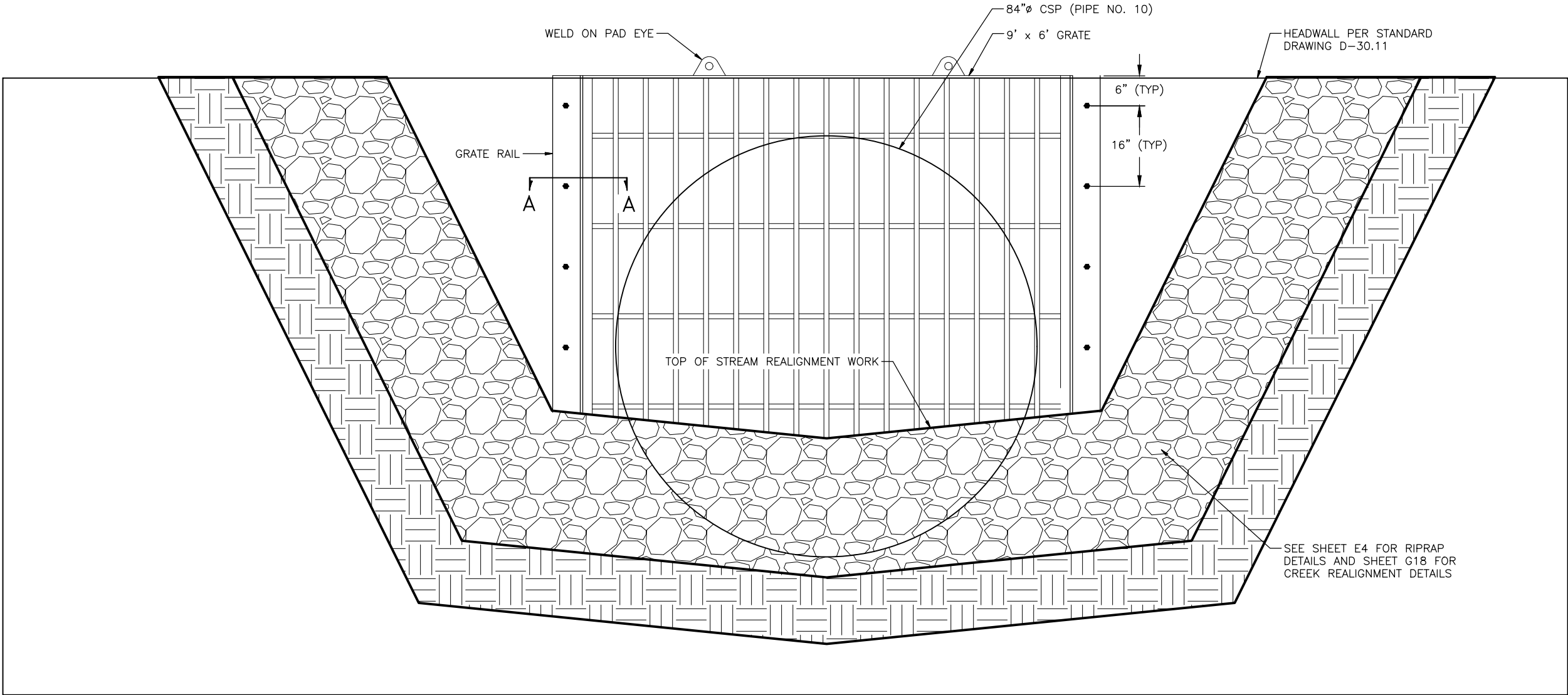
CONCRETE DEADMAN ANCHOR DETAILS

NOTES:

- WIRE ROPE CLAMPS
ENLARGED VIEW

PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	E6	E8



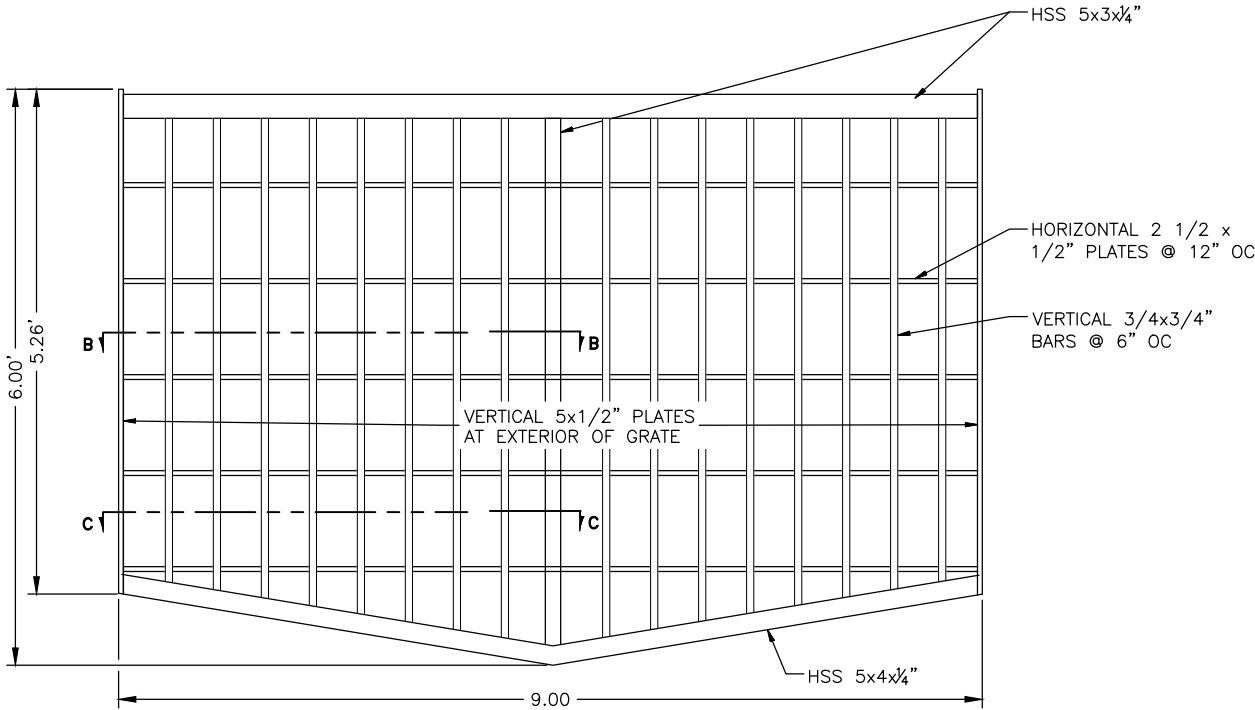
CULVERT GRATE ELEVATION
NTS

- NOTES
- ALL GRATE COMPONENTS INCLUDING HARDWARE SHALL BE MANUFACTURED FROM GRADE S316 STAINLESS STEEL, MEETING ASTM A276.
 - ALL WELDS SHALL BE ER316L.
 - PLACE VERTICAL BARS ON OUTSIDE OF HORIZONTAL BARS
 - DRILL WEEP HOLES @ BOTTOM OF HSS TO ALLOW FOR WATER TO DRAIN.
 - THE CULVERT GRATE WILL NOT BE MEASURED FOR PAYMENT. ALL WORK TO FURNISH AND INSTALL CULVERT GRATE IS SUBSIDIARY TO 501.2007.0002 HEADWALL. CULVERT GRATE SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH SECTION 504 STEEL STRUCTURES.

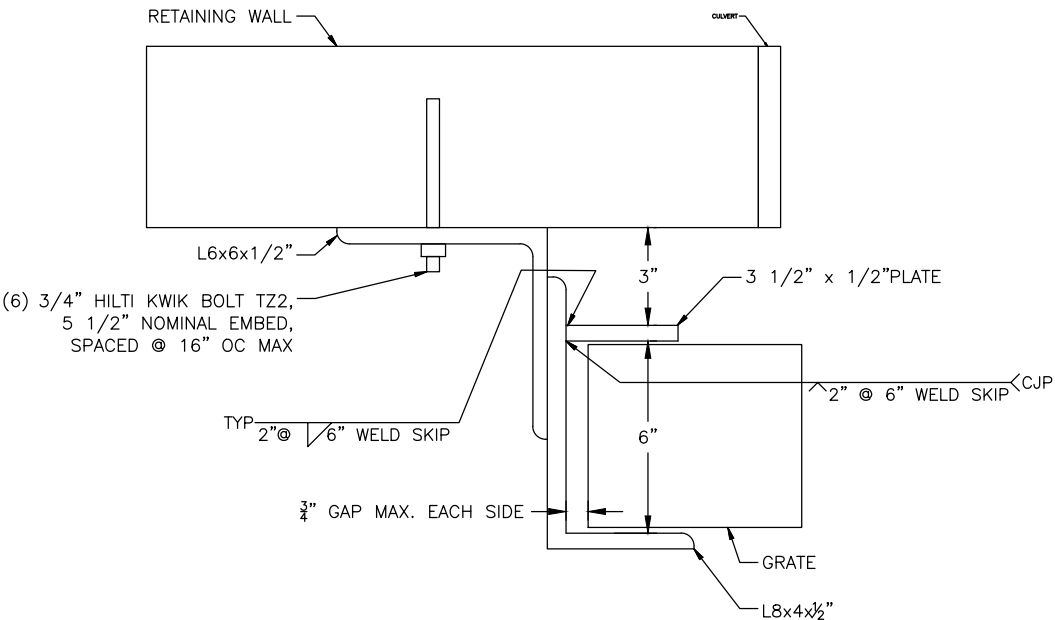
CULVERT GRATE DETAIL



NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	E7	E8



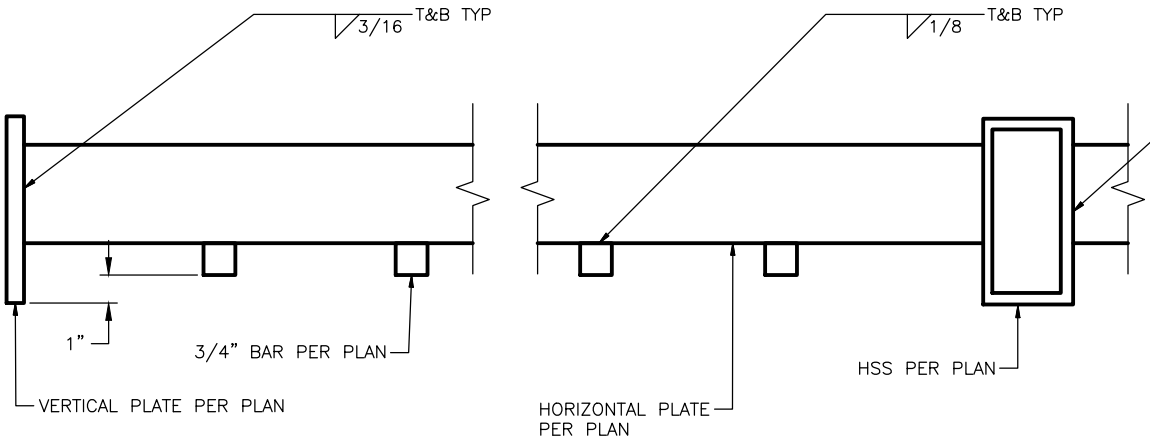
GRATE DETAIL



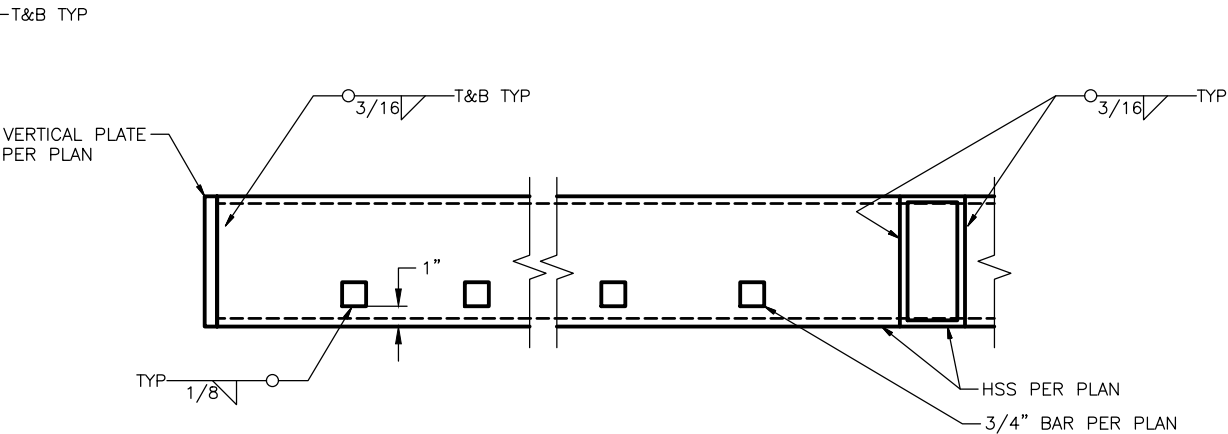
SECTION A-A
NTS

NOTES

- BRACKETS:
- L8x4x1/2" W/ 3 1/2 x1/2" PLATE TO BE PLACED 3" OFF CONCRETE AND CONNECTED TO AN L6x6x1/2 WITH 3/16" FILLET WELDS ON BOTH SIDES.
 - WELD SKIP: 2" OF WELD EVERY 6"



SECTION B-B
NTS



SECTION C-C
NTS

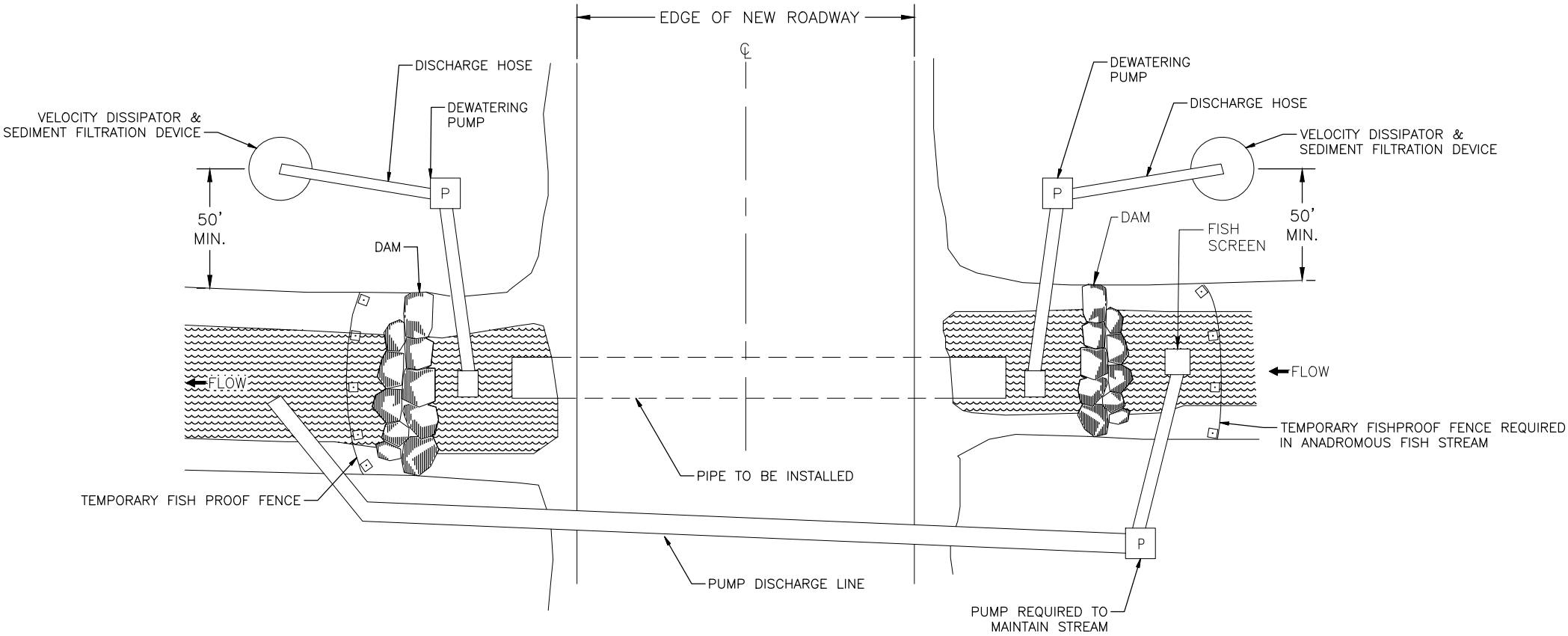
CULVERT GRATE DETAILS



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			ALASKA	000S828/Z620030000	2025	E8	E8

- NOTES:
- IF A TEMPORARY CHANNEL IS TO BE USED AS A REROUTE, AN ADDITIONAL TEMPORARY CULVERT WILL BE NEEDED THROUGH THE EXISTING EMBANKMENT.
 - SEE GEOTECH REPORT FOR BORE LOGS OF WATER TABLE LEVELS (AVAILABLE AT ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES)
 - FISH SCREEN SHALL NOT HAVE OPENINGS LARGER THAN 0.25 INCHES.

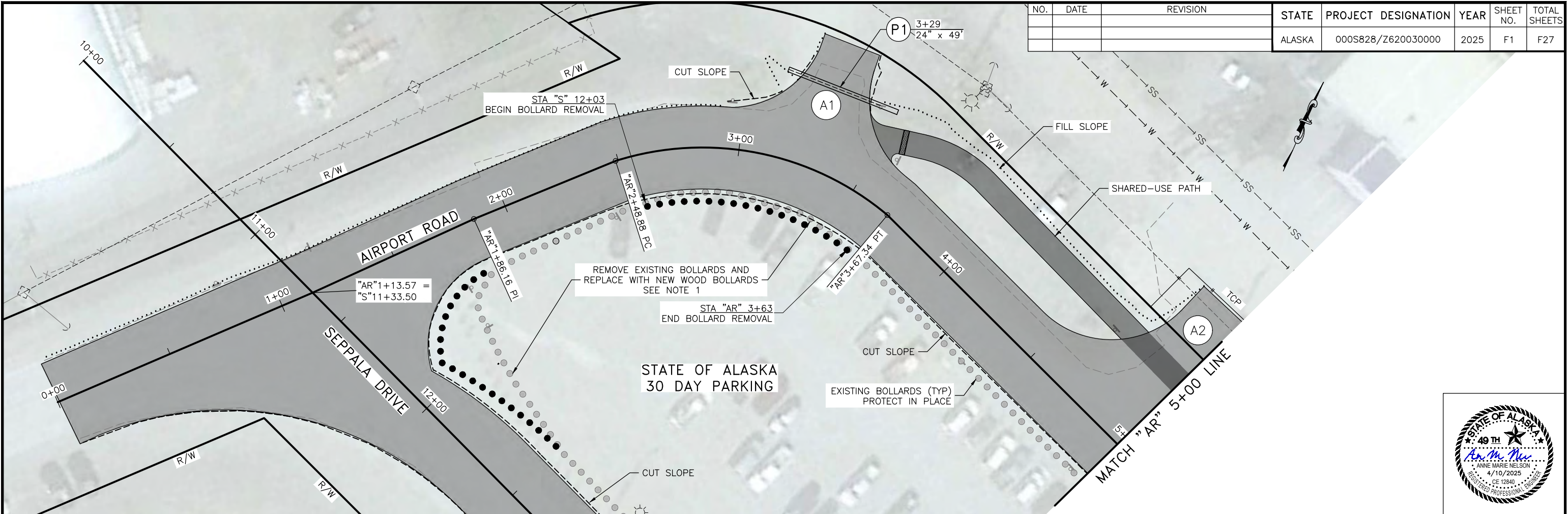


TYPICAL CULVERT INSTALLATION DETAIL
UTILIZING DE-WATERING PUMPS
NOT TO SCALE

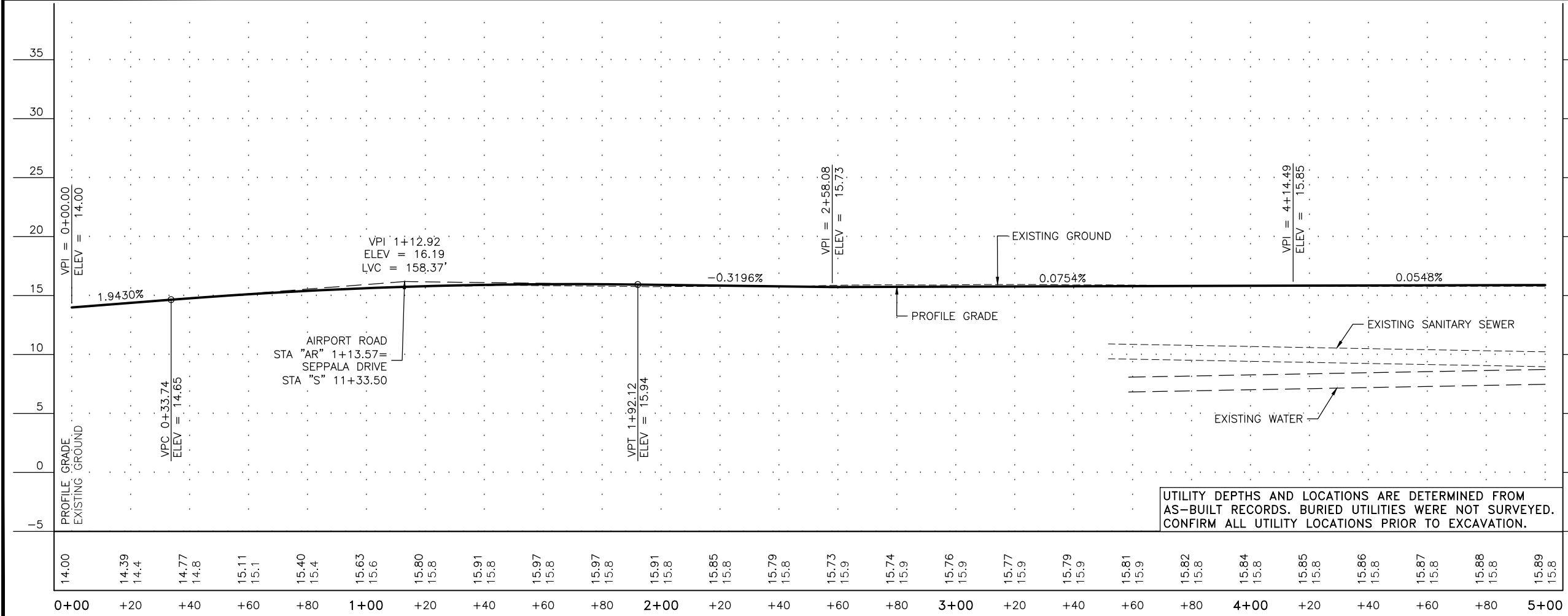
PUMPING DETAIL



PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
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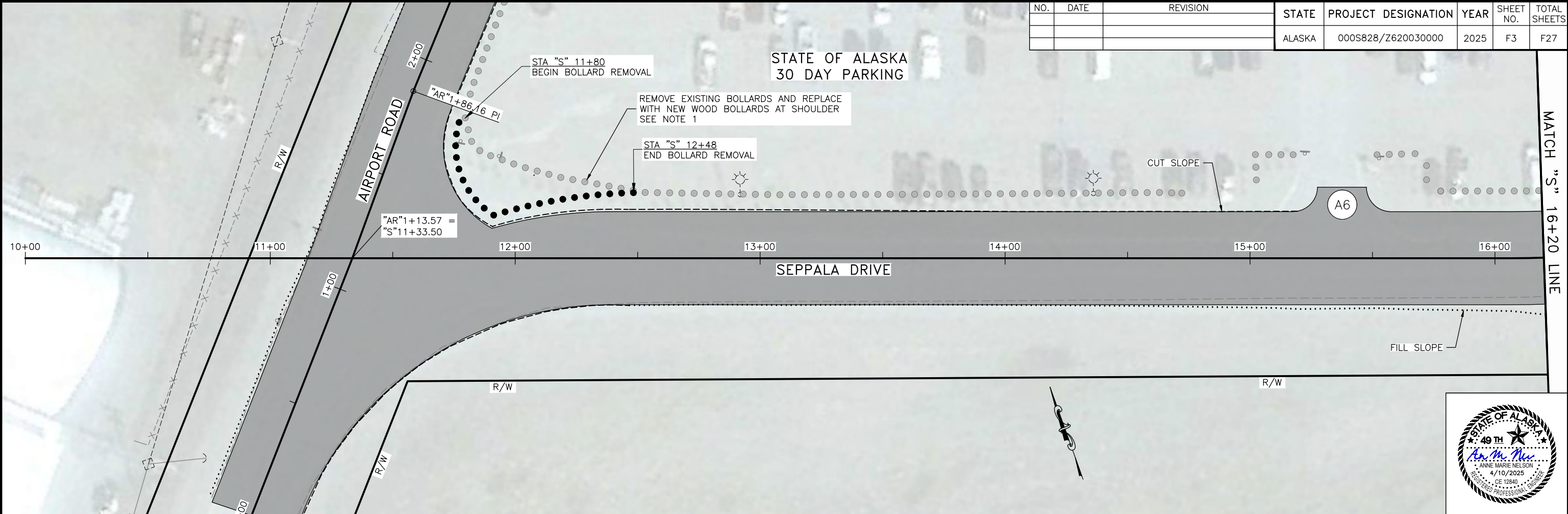
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	F1	F27



- NOTES:
- UPON REMOVAL OF BOLLARDS CONTRACTOR SHALL BACKFILL HOLE WITH SELECTED MATERIAL, TYPE A COMPACTED TO 95% DENSITY OR SAND SLURRY AND PATCH ASPHALT WITH 2" OF ASPHALT. THIS WORK IS SUBSIDIARY TO OTHER WORK ITEMS AND NO SEPARATE PAYMENT WILL BE MADE. SEE SHEET G21 FOR NEW BOLLARD CONTROL POINTS AND SHEET E1 FOR INSTALLATION DETAIL.

PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	F3	F27



NOTES

1. UPON REMOVAL OF BOLLARDS CONTRACTOR SHALL BACKFILL HOLE WITH SELECTED MATERIAL, TYPE A COMPACTED TO 95% DENSITY OR SAND SLURRY AND PATCH ASPHALT WITH 2" OF ASPHALT. THIS WORK IS SUBSIDIARY TO OTHER WORK ITEMS AND NO SEPARATE PAYMENT WILL BE MADE. SEE SHEET G21 FOR NEW BOLLARD CONTROL POINTS AND SHEET E1 FOR INSTALLATION DETAIL.

VPI 11+33.50
ELEV = 15.75

AIRPORT ROAD
STA "AR" 1+13.57 =
SEPPALA DRIVE
STA "S" 11+33.18
ELEV: 15.75

VPI 11+97.00
ELEV = 15.93

PROFILE GRADE

EXISTING GROUND

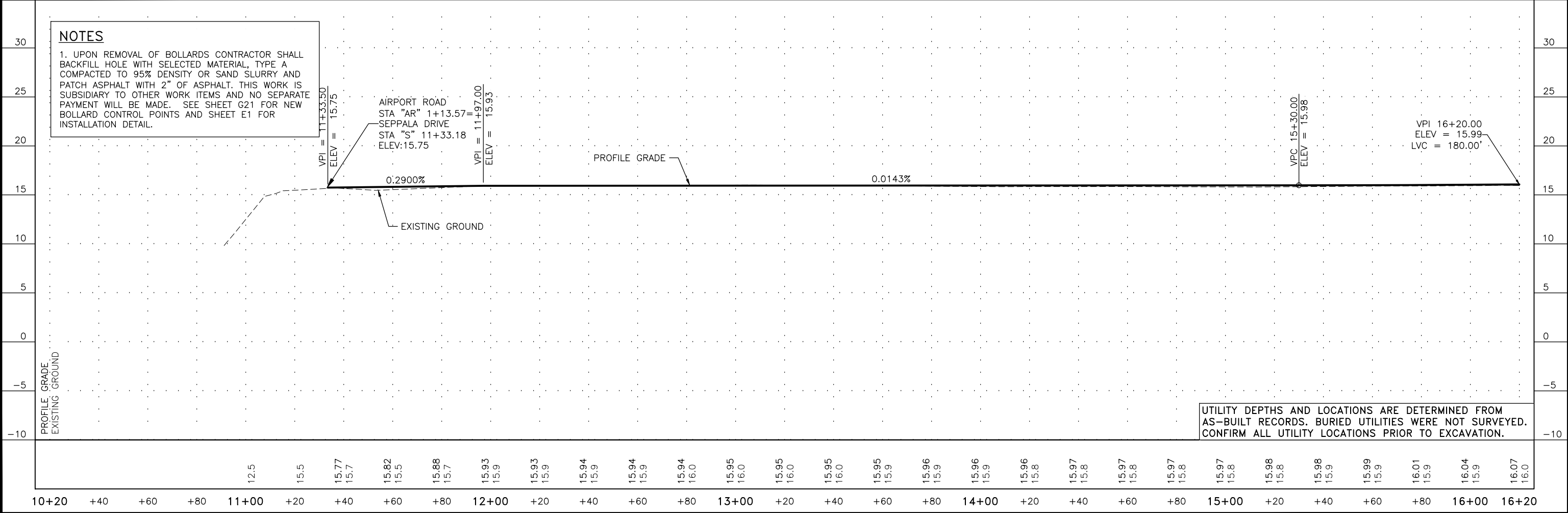
0.2900%

0.0143%

VPC 15+30.00
ELEV = 15.98

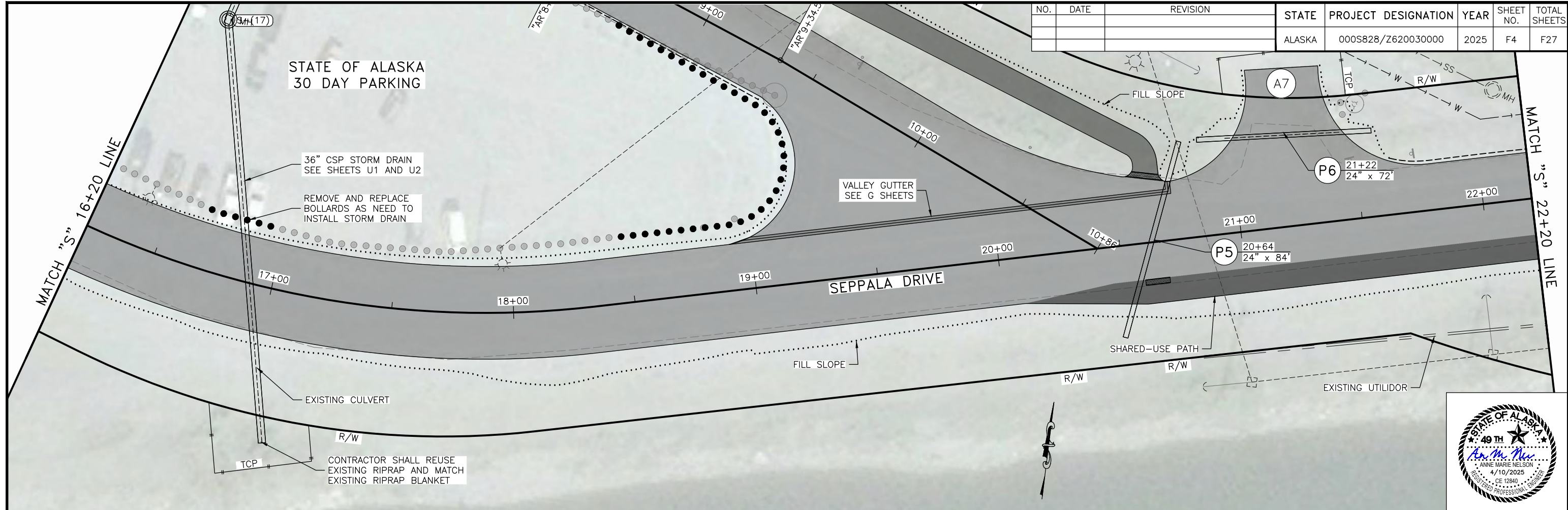
VPI 16+20.00
ELEV = 15.99
LVC = 180.00'

UTILITY DEPTHS AND LOCATIONS ARE DETERMINED FROM AS-BUILT RECORDS. BURIED UTILITIES WERE NOT SURVEYED. CONFIRM ALL UTILITY LOCATIONS PRIOR TO EXCAVATION.



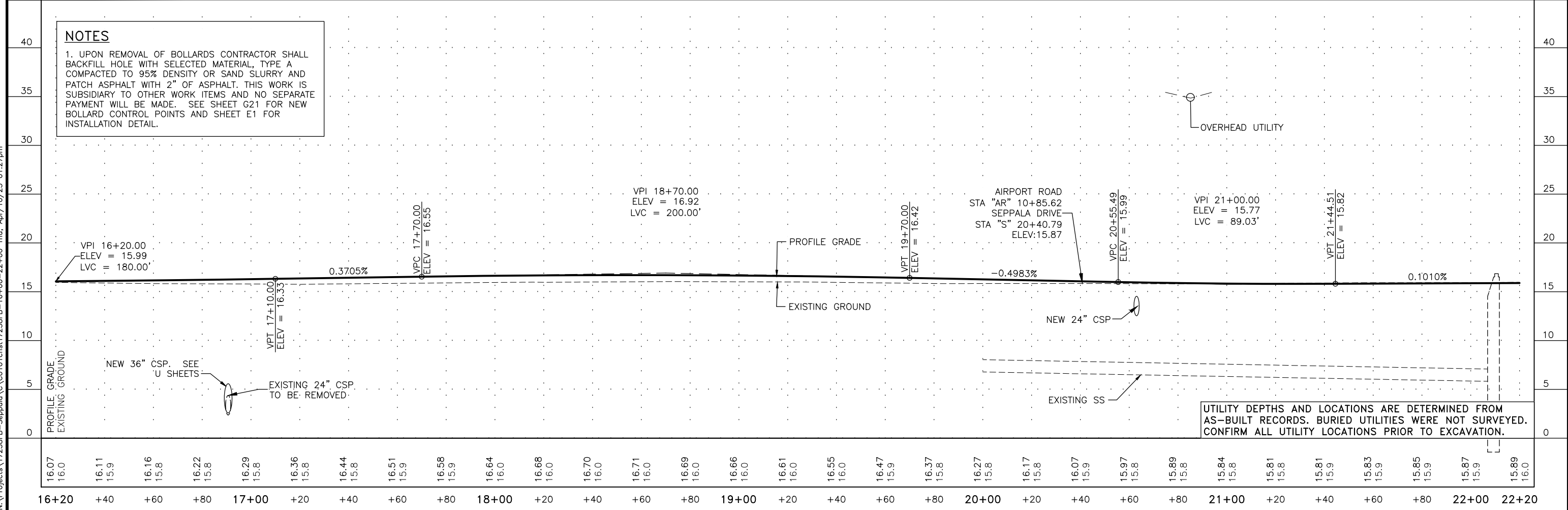
PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C\0101cnst\17258FB-16+00-22+00_Thu, Apr/10/25 01:27pm

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	F4	F27

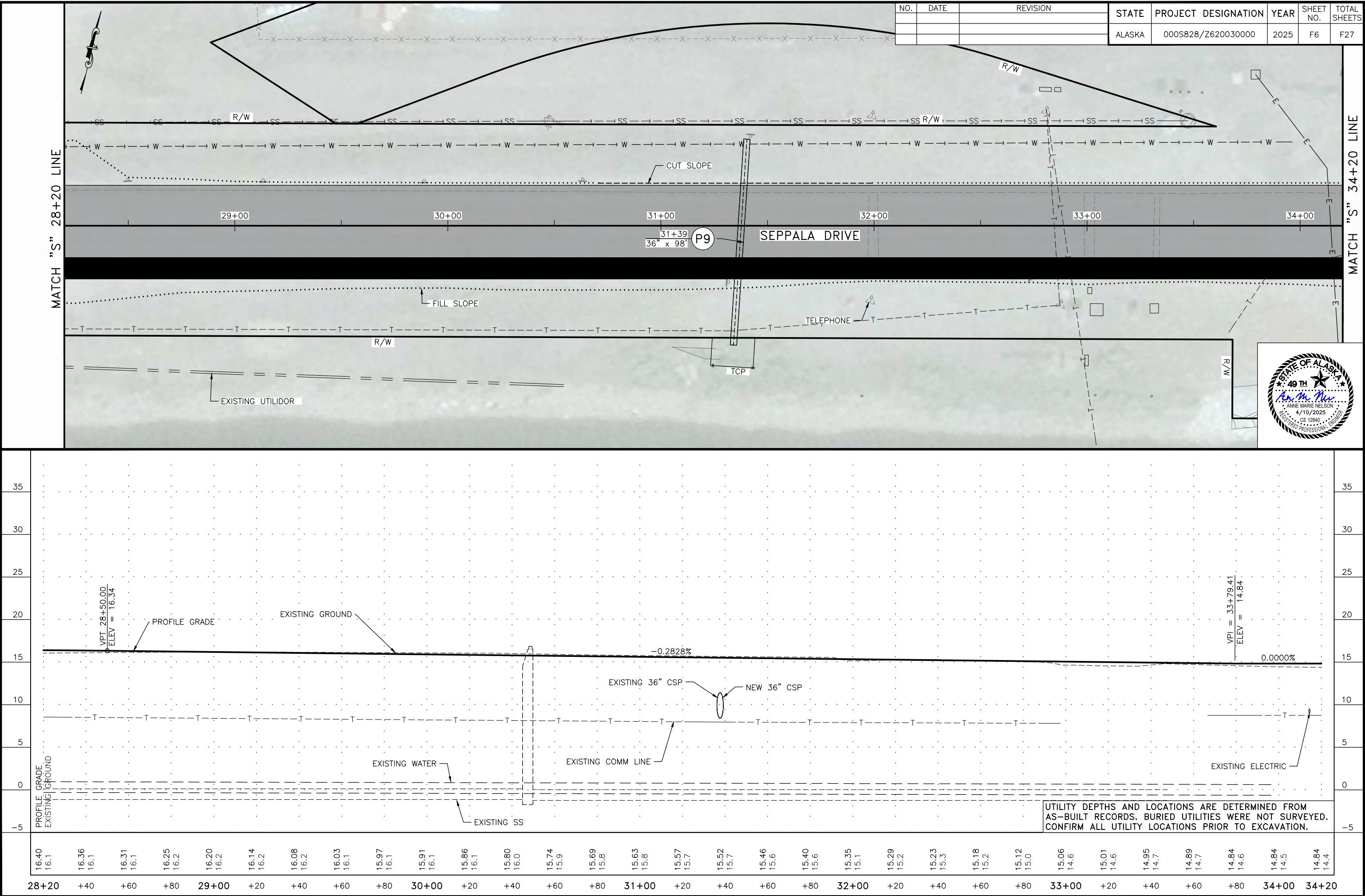


NOTES

1. UPON REMOVAL OF BOLLARDS CONTRACTOR SHALL BACKFILL HOLE WITH SELECTED MATERIAL, TYPE A COMPACTED TO 95% DENSITY OR SAND SLURRY AND PATCH ASPHALT WITH 2" OF ASPHALT. THIS WORK IS SUBSIDIARY TO OTHER WORK ITEMS AND NO SEPARATE PAYMENT WILL BE MADE. SEE SHEET G21 FOR NEW BOLLARD CONTROL POINTS AND SHEET E1 FOR INSTALLATION DETAIL.

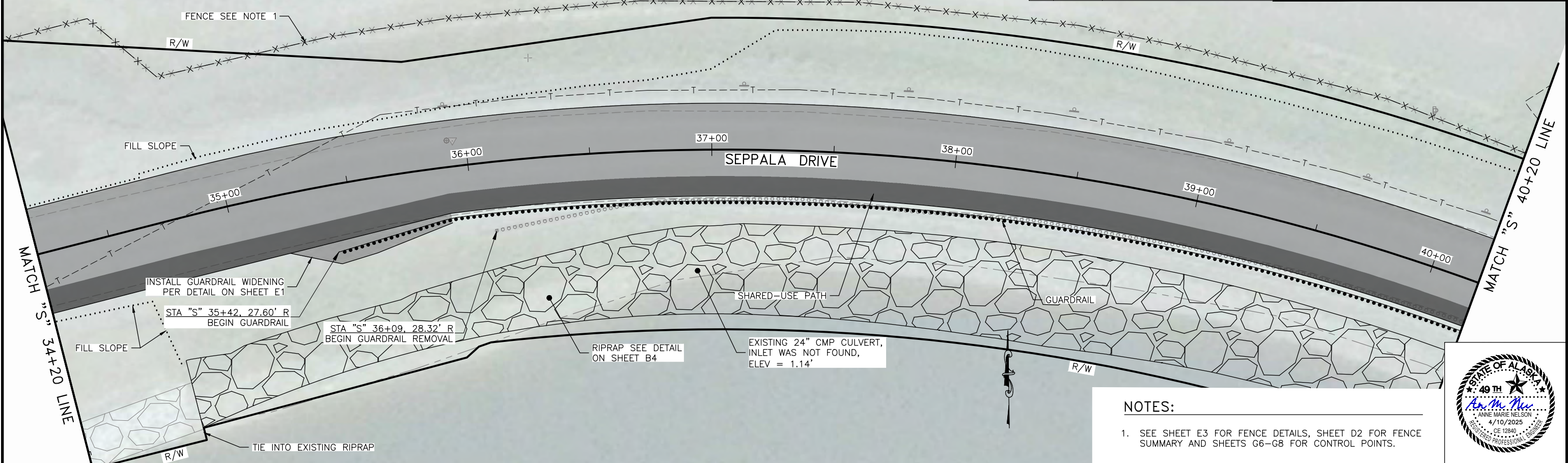


PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C\0101cnst\17258FB-28+00-34+00_Thu, Apr/10/25 01:28pm



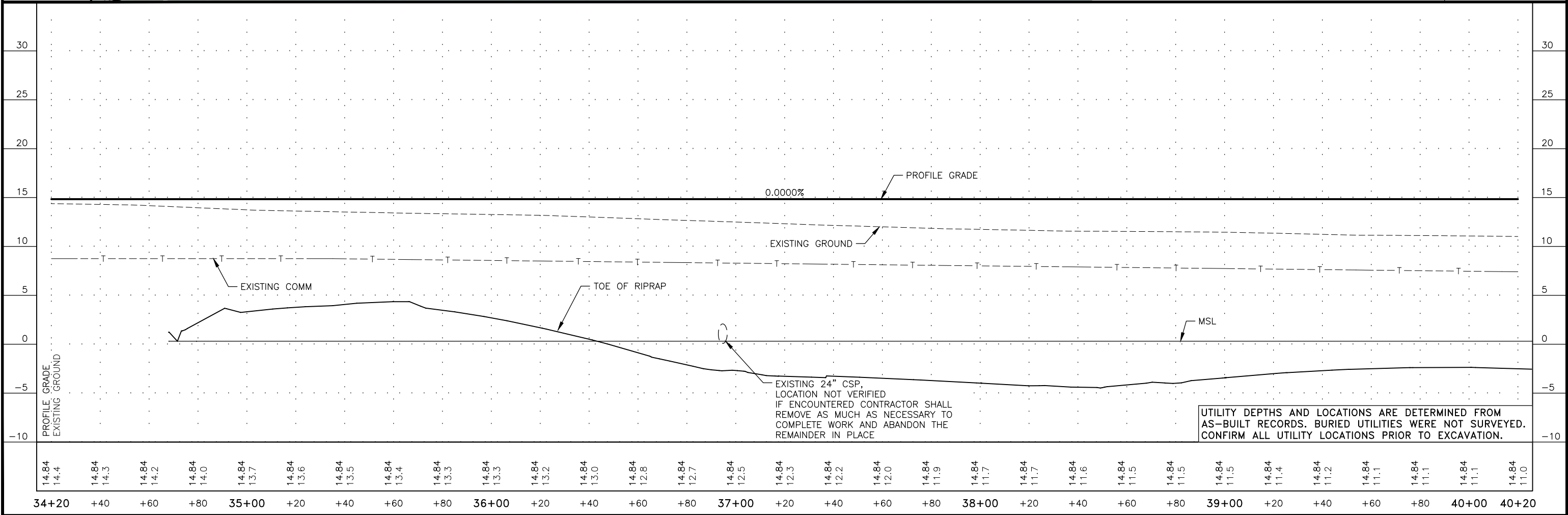
PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AEC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C\00101cns17258FB-34+20-40+20 Thu, Apr/10/25 01:28pm

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	F7	F27



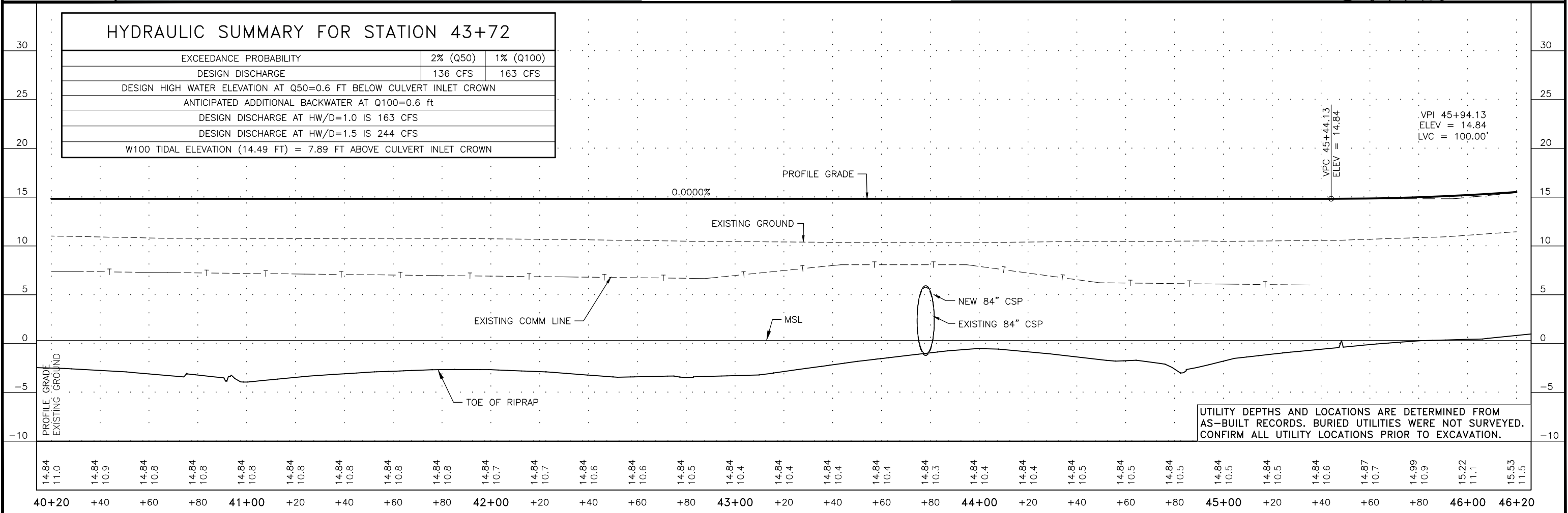
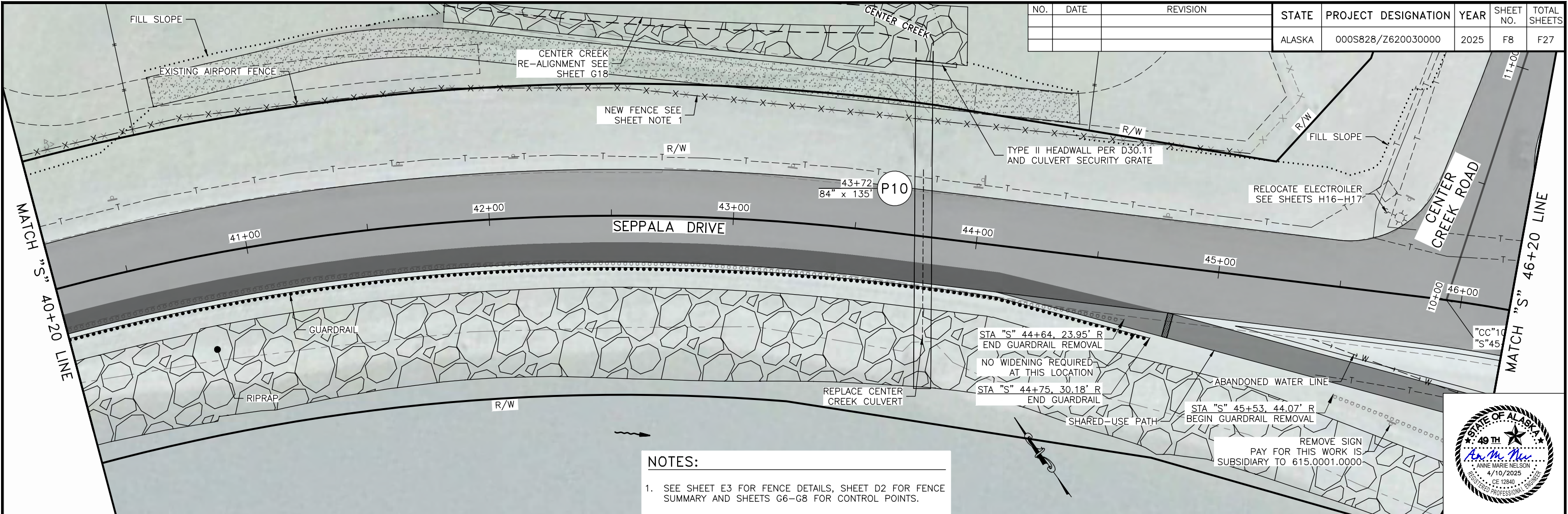
NOTES:

1. SEE SHEET E3 FOR FENCE DETAILS, SHEET D2 FOR FENCE SUMMARY AND SHEETS G6-G8 FOR CONTROL POINTS.



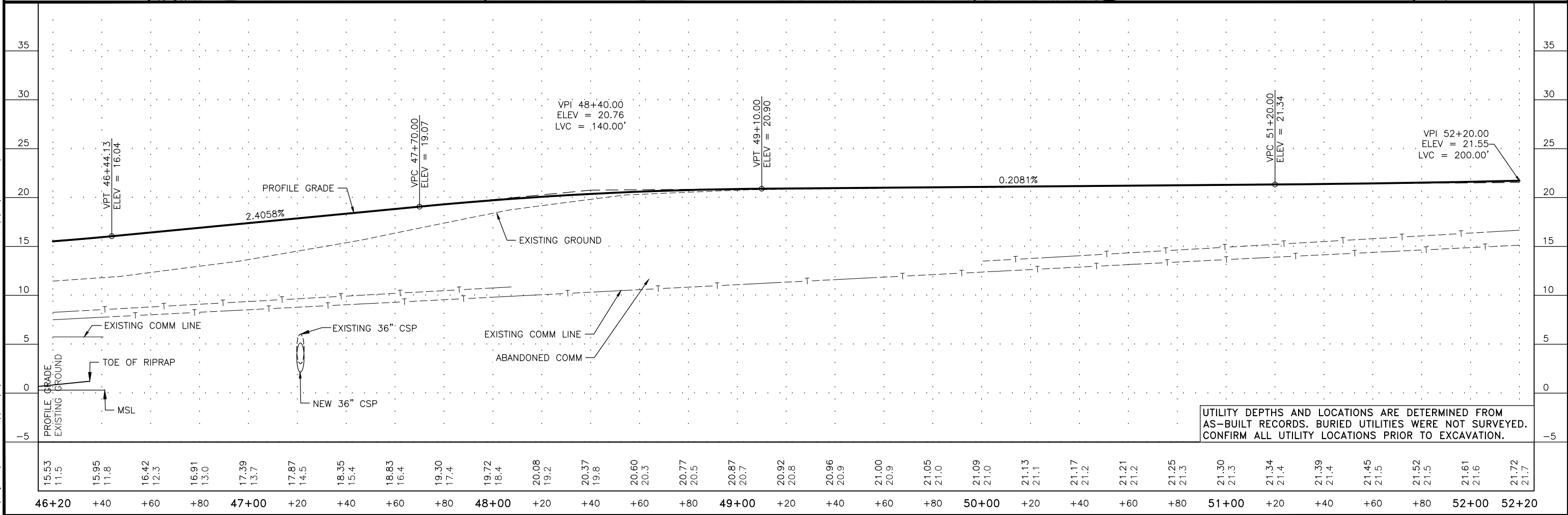
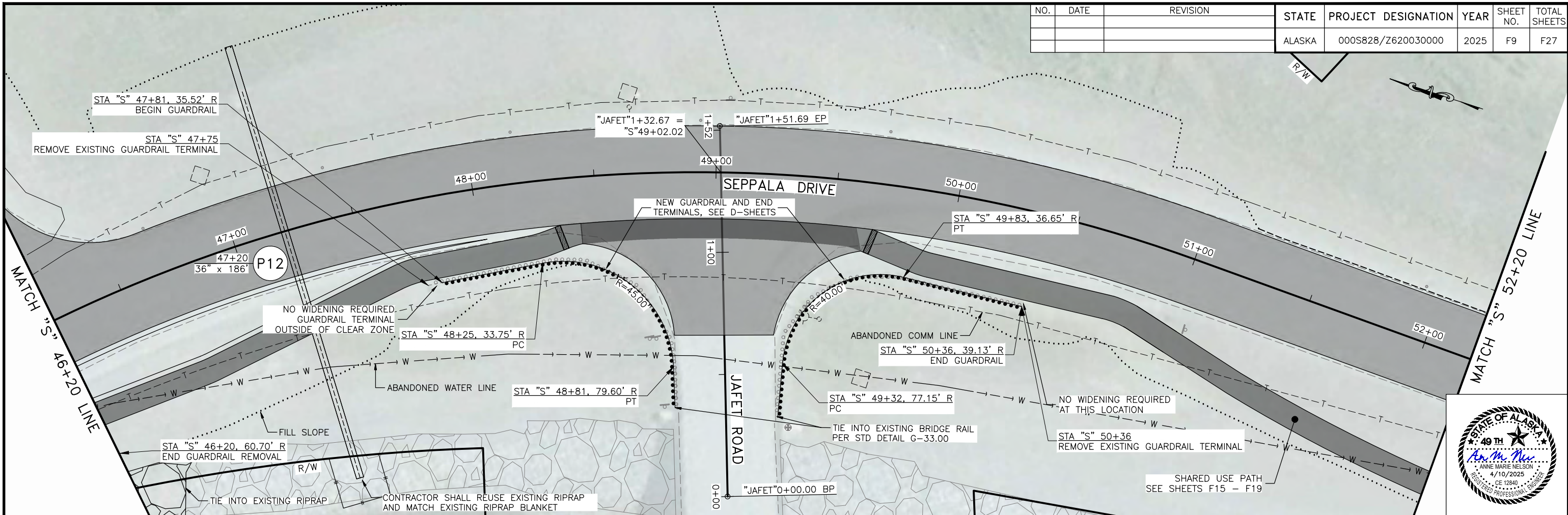
UTILITY DEPTHS AND LOCATIONS ARE DETERMINED FROM AS-BUILT RECORDS. BURIED UTILITIES WERE NOT SURVEYED. CONFIRM ALL UTILITY LOCATIONS PRIOR TO EXCAVATION.

PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\CC\0101cnst\17258FB-40+20-46+20 Thu, Apr/10/25 01:29pm



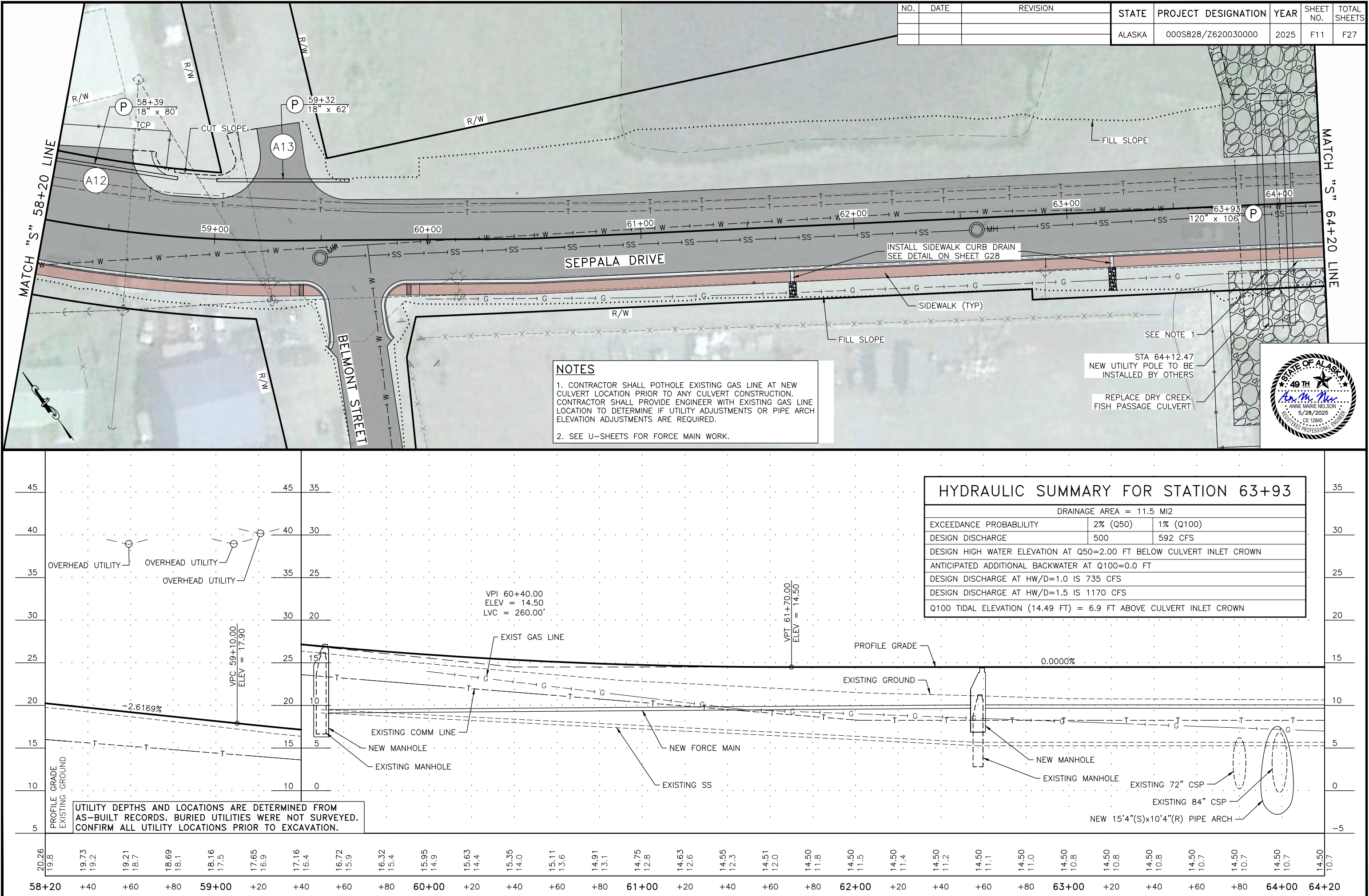
PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C\0101cnst\17258FB-46+20-52+20 Thu, Apr/10/25 01:29pm

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	F9	F27



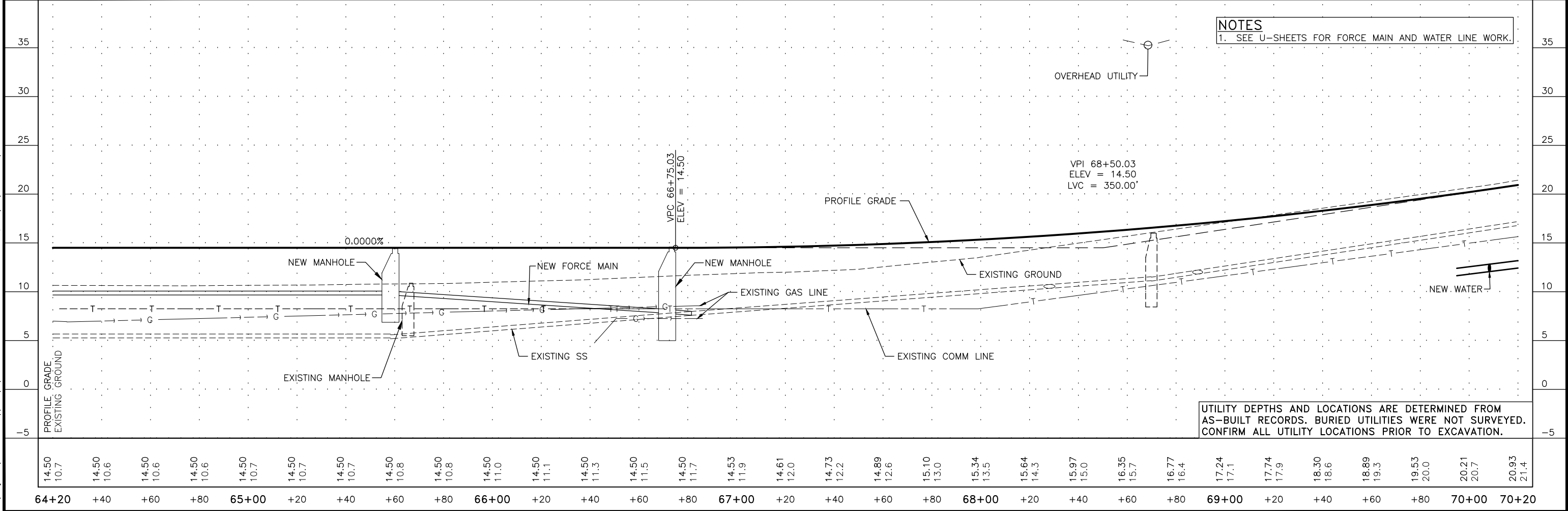
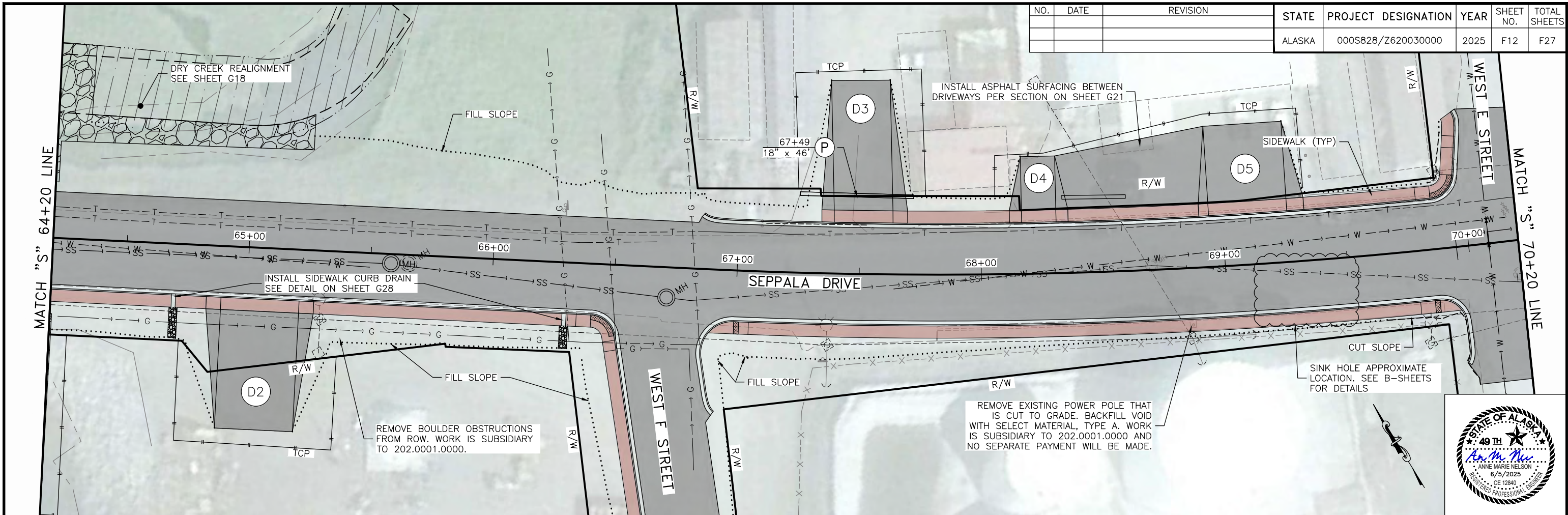
UTILITY DEPTHS AND LOCATIONS ARE DETERMINED FROM AS-BUILT RECORDS. BURIED UTILITIES WERE NOT SURVEYED. CONFIRM ALL UTILITY LOCATIONS PRIOR TO EXCAVATION.

PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C0101crst17258FB-58+20-64+20 Wed, May/28/25 08:58am



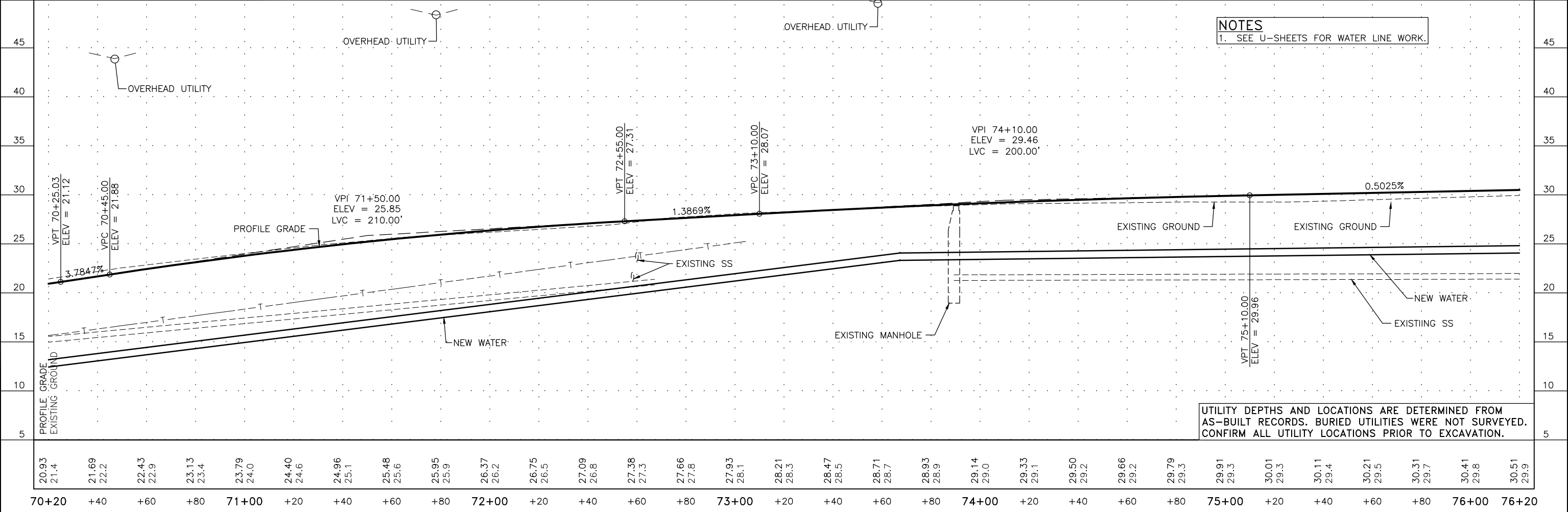
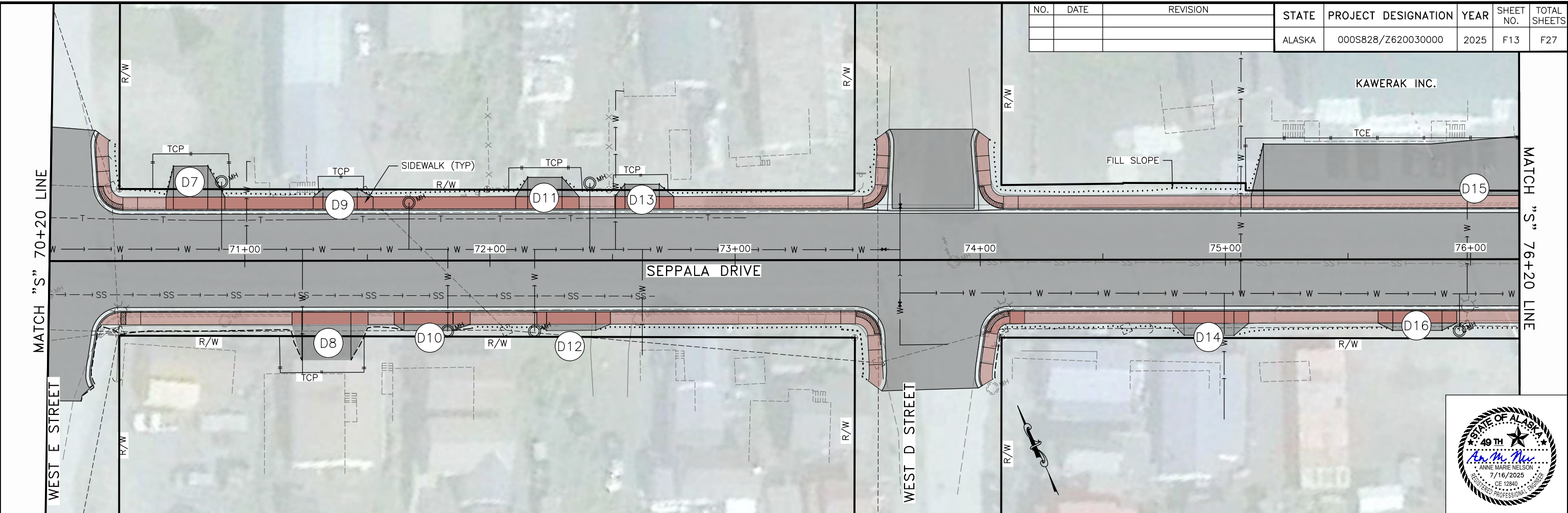
PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C\0101cnst\17258FB-64+20-70+20 Thu, Jun/05/25 12:09pm

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	F12	F27



PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258fb-seppala\C\0101cnst17258fb-70+20-76+20 Wed, Jul/16/25 07:50am

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	F13	F27



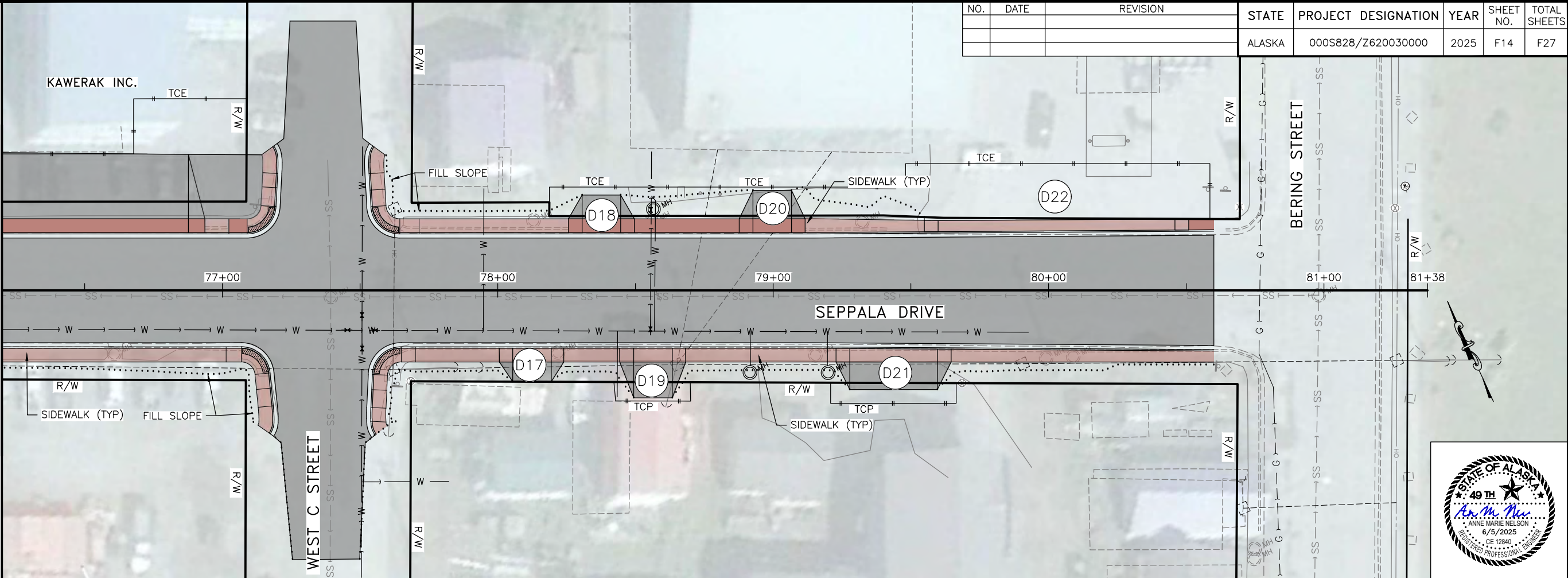
NOTES
1. SEE U-SHEETS FOR WATER LINE WORK.

UTILITY DEPTHS AND LOCATIONS ARE DETERMINED FROM AS-BUILT RECORDS. BURIED UTILITIES WERE NOT SURVEYED. CONFIRM ALL UTILITY LOCATIONS PRIOR TO EXCAVATION.

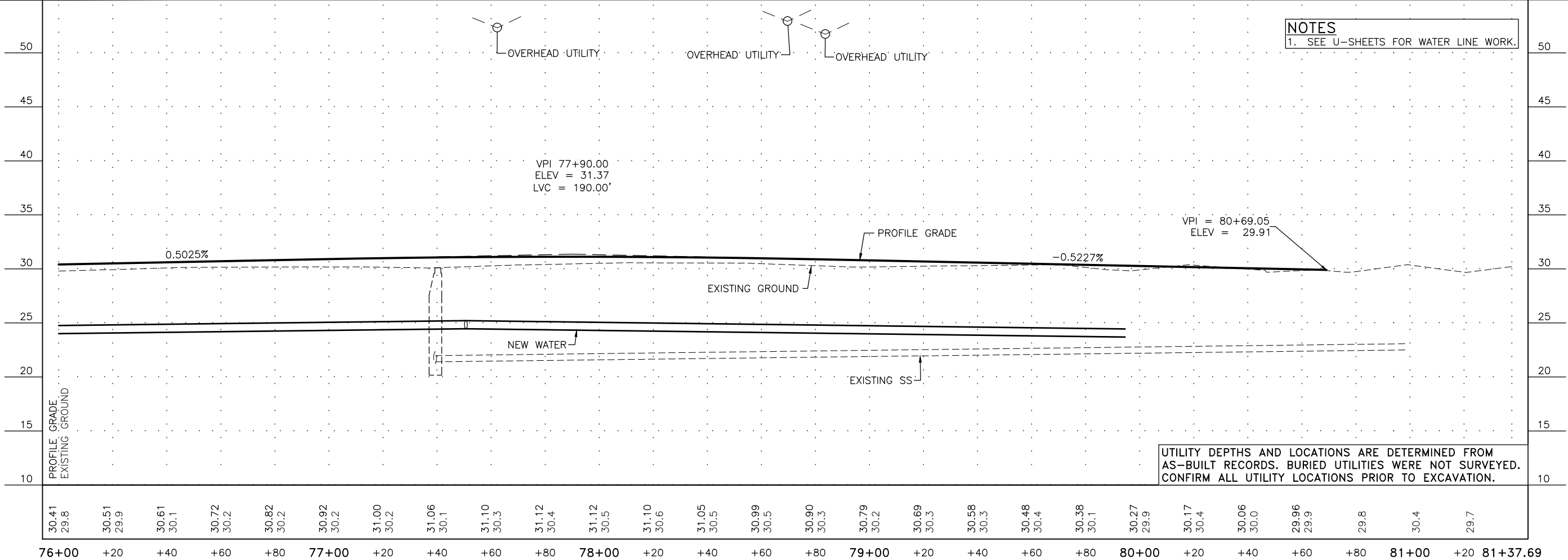
PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C\0101cnst\17258FB-76+00-81+38 Thu, Jun/05/25 12:10pm

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	F14	F27

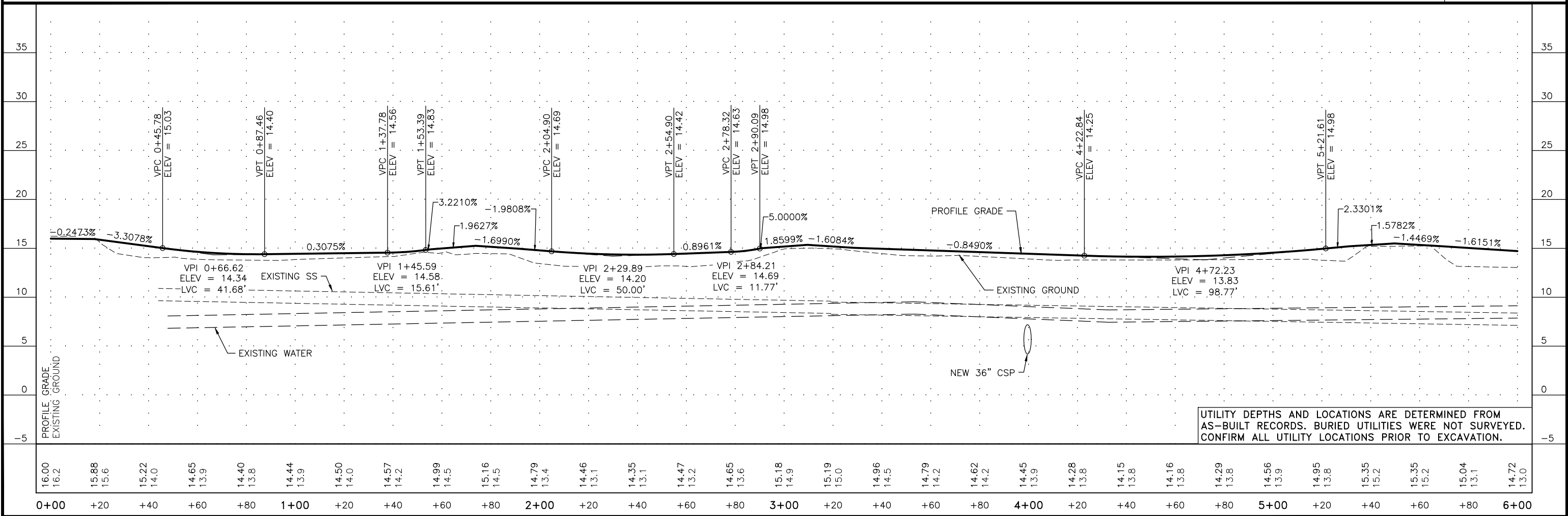
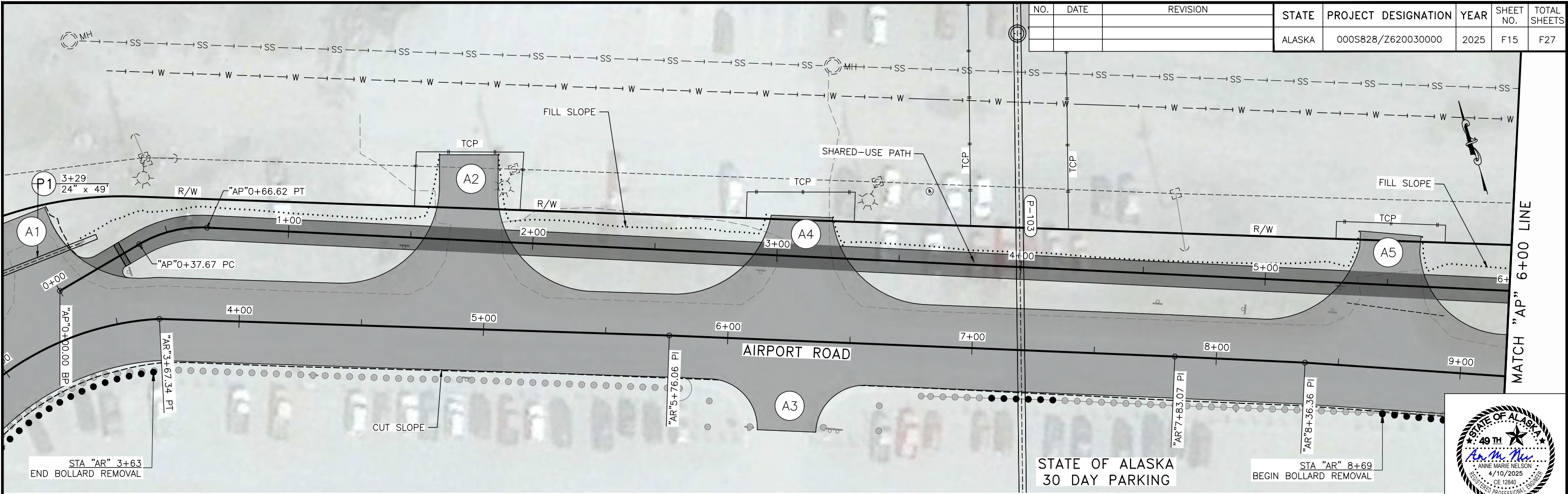
MATCH "S" 76+20 LINE



NOTES
1. SEE U-SHEETS FOR WATER LINE WORK.

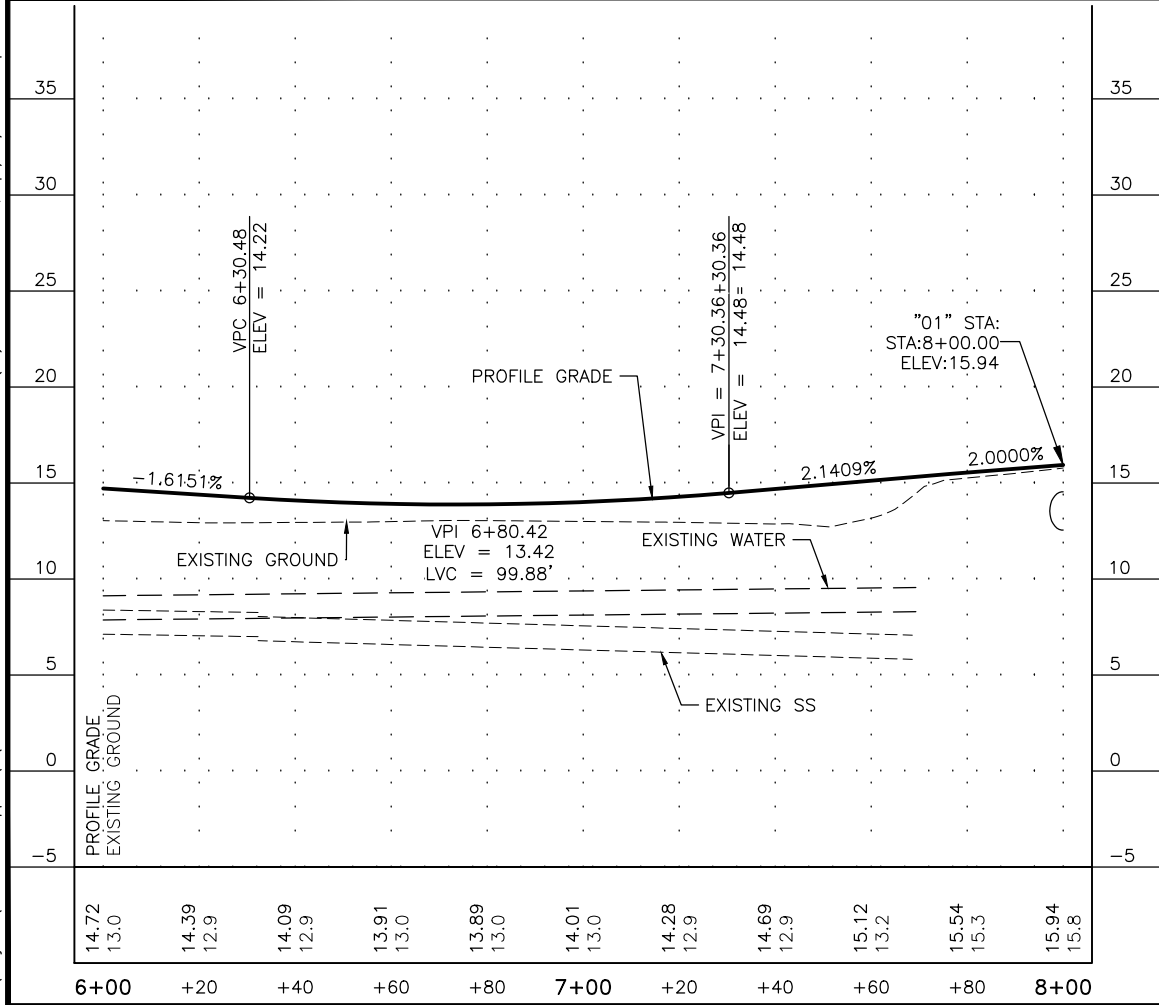
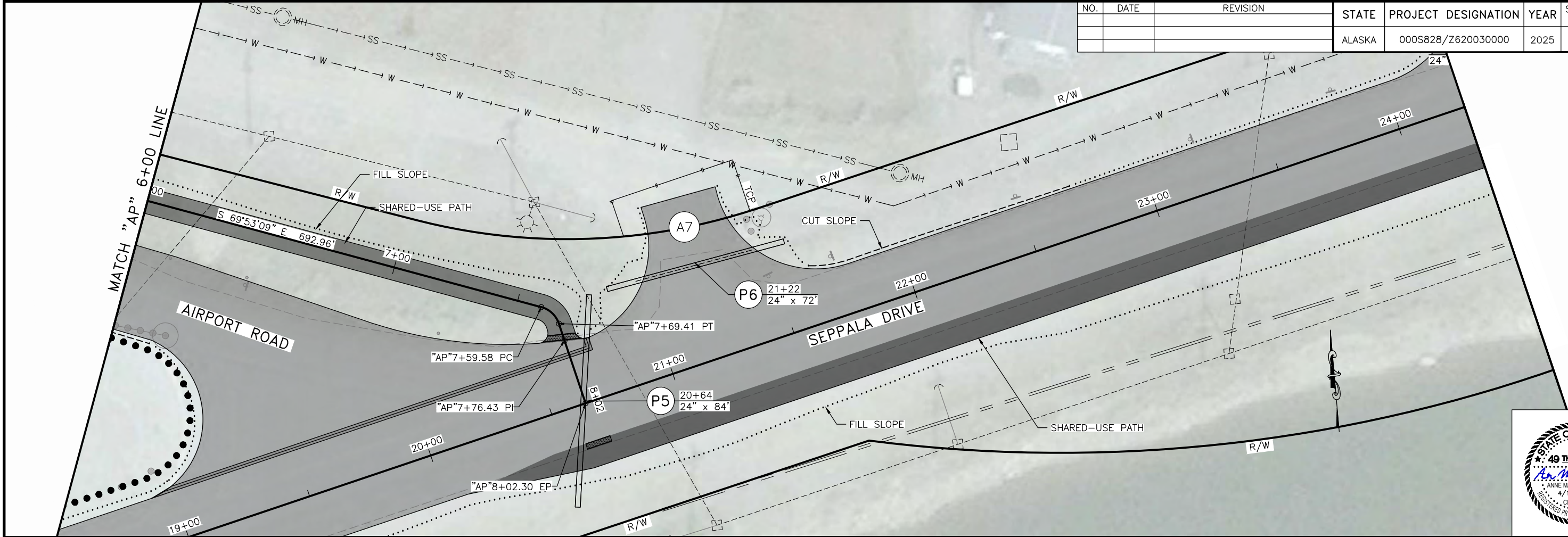


PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AEOC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C\00101cnst\17258FB-F15 SHARED-USE PATH STA (AP) 0+00-6+00 Thu, Apr/10/25 01:31pm



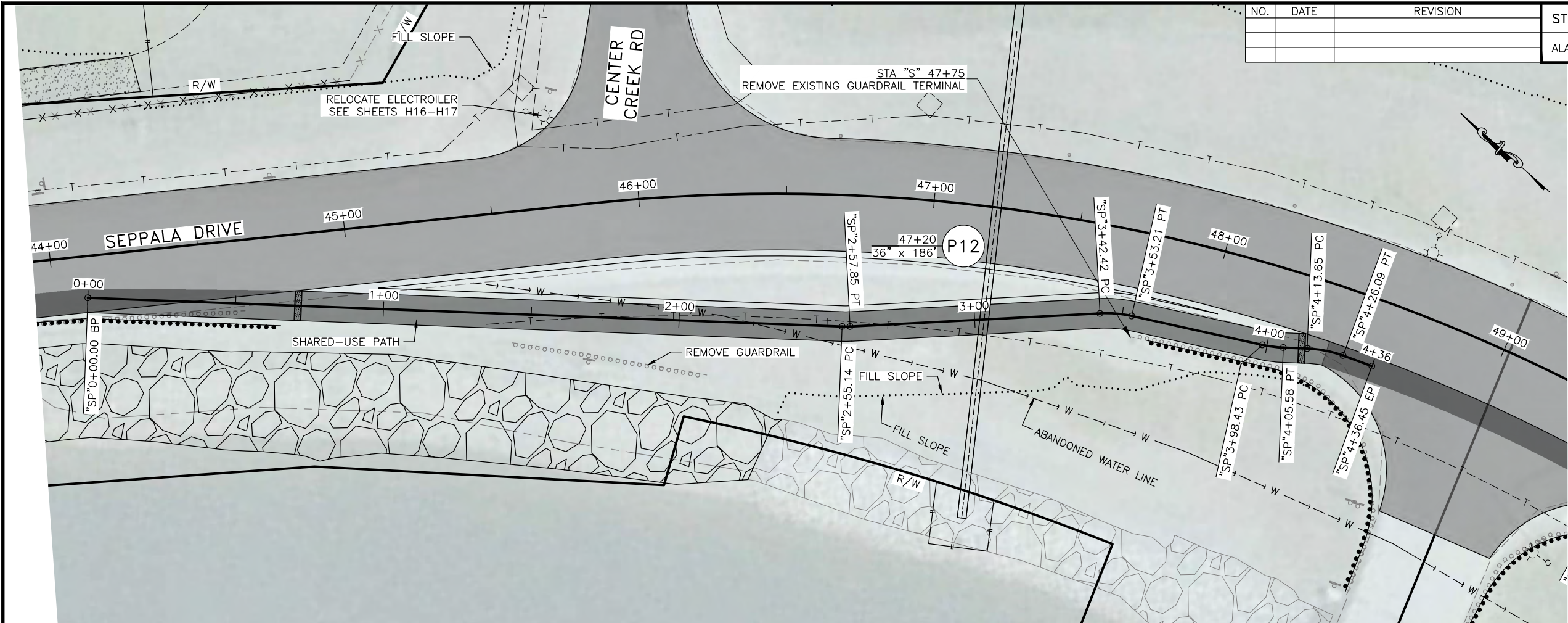
PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C\00101cns17258FB-F16 SHARED-USE PATH STA (AP) 6+00-12+00 Thu, Apr/10/25 01:31pm

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	F16	F27

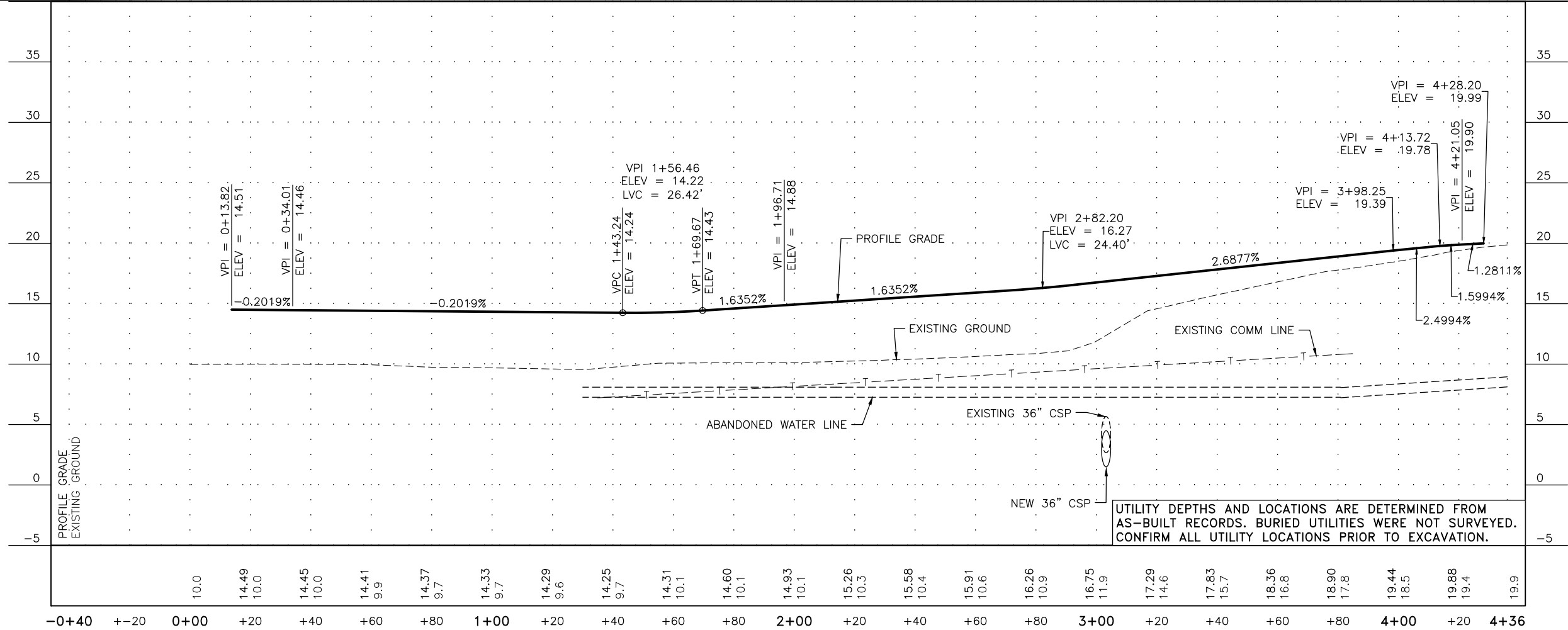


UTILITY DEPTHS AND LOCATIONS ARE DETERMINED FROM AS-BUILT RECORDS. BURIED UTILITIES WERE NOT SURVEYED. CONFIRM ALL UTILITY LOCATIONS PRIOR TO EXCAVATION.

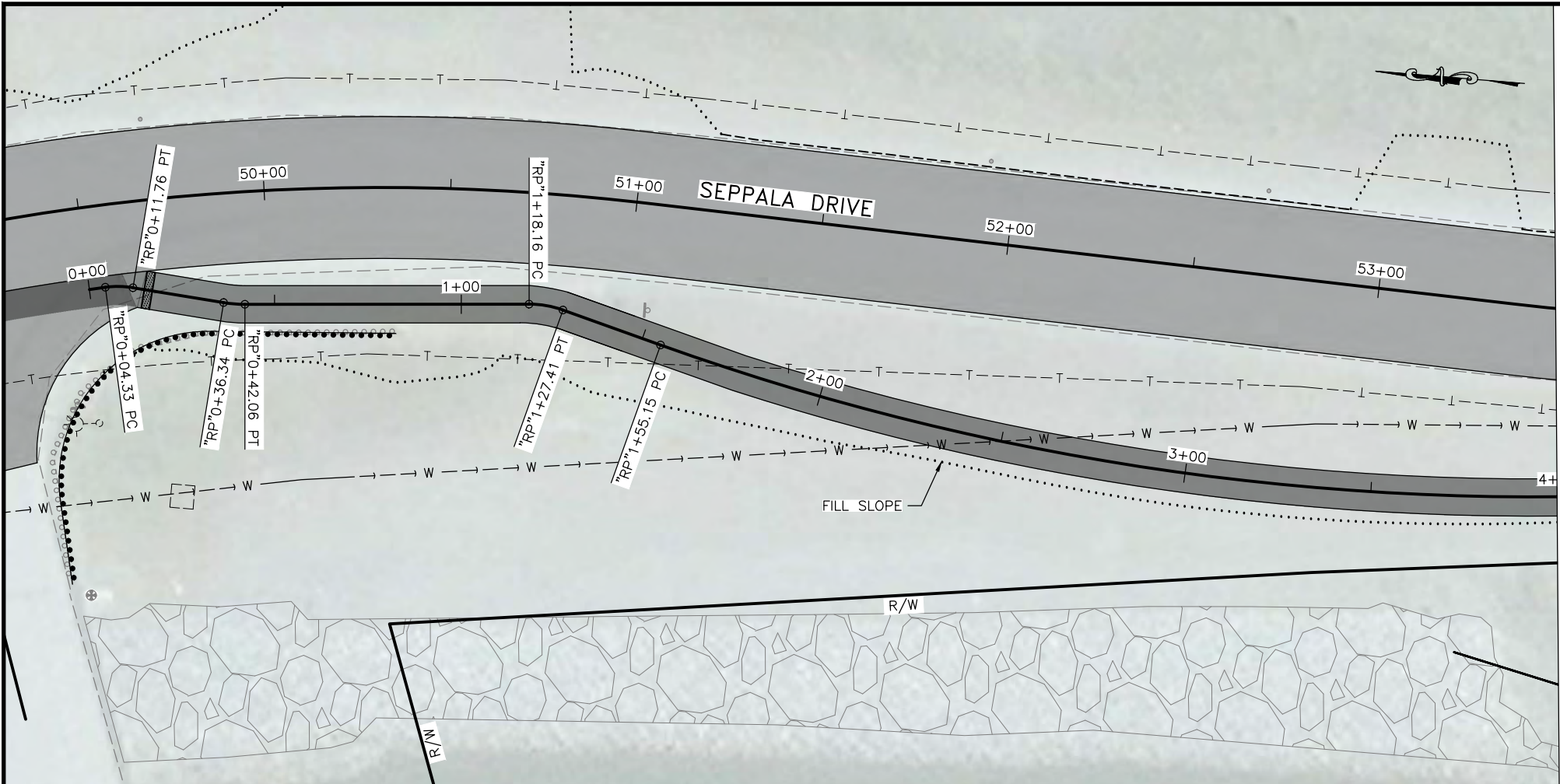
PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C0101cns17258FB-F17 SHARED-USE PATH STA (SP) 0+00-4+36 Thu, Apr/10/25 01:31pm



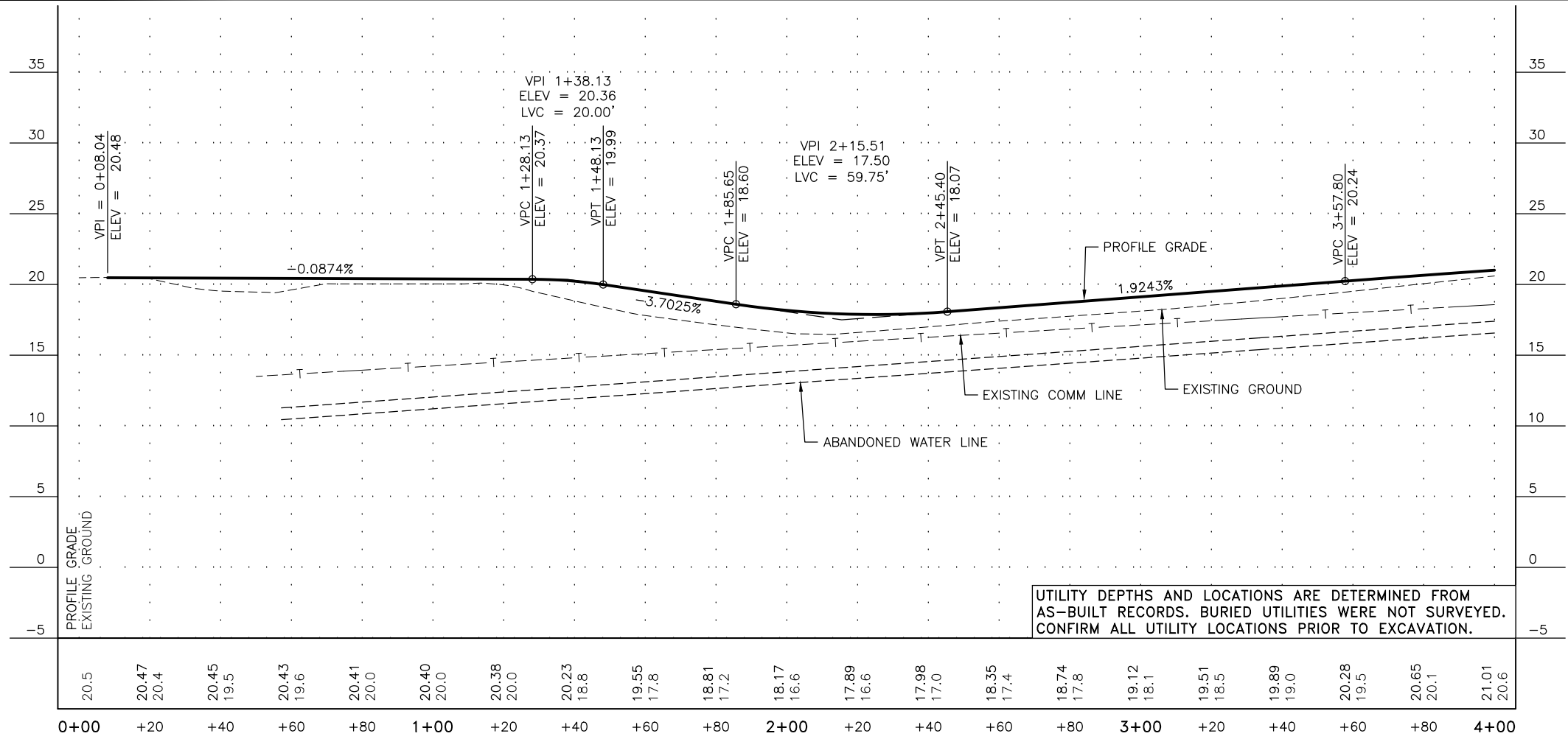
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	F17	F27



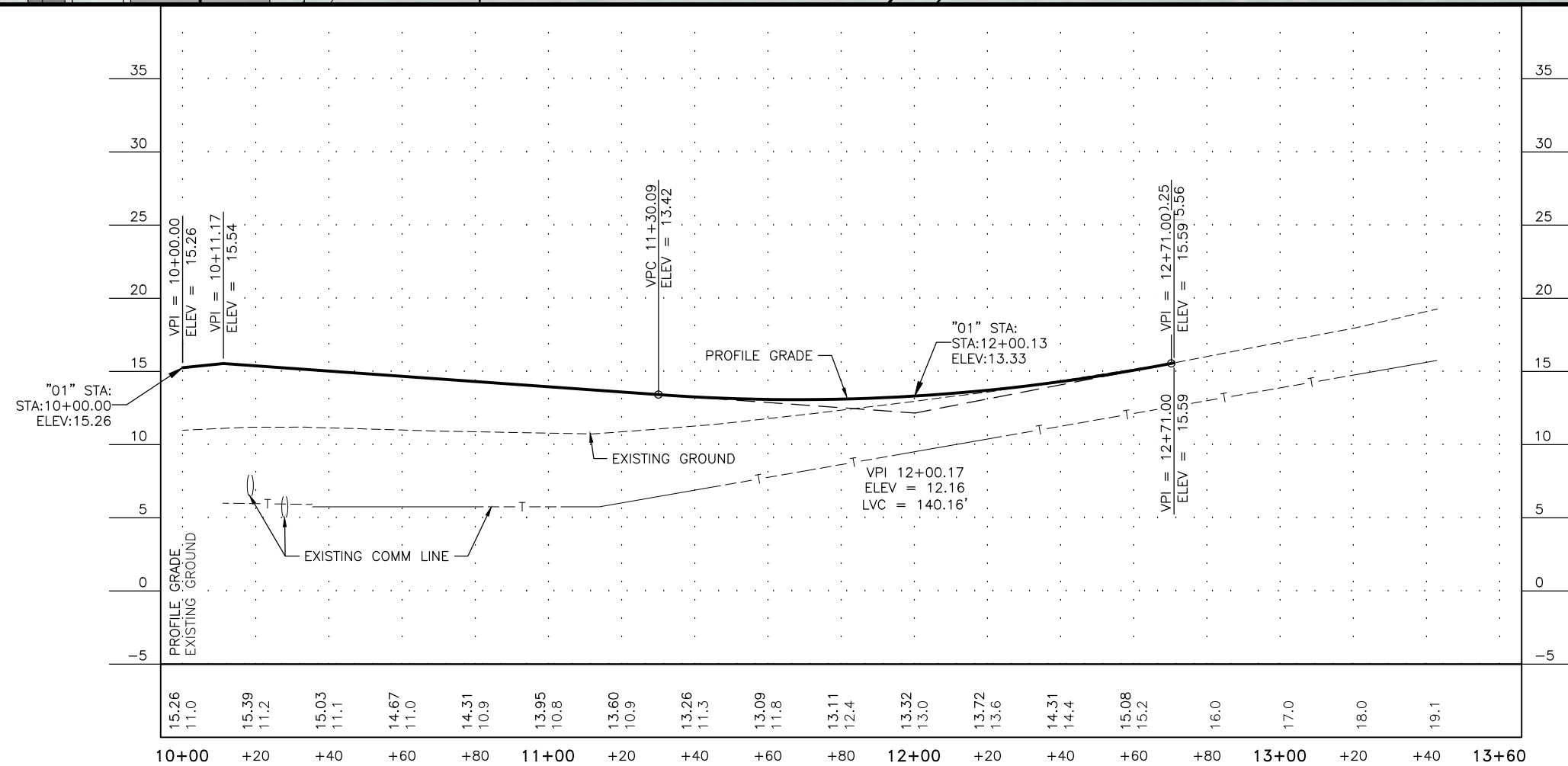
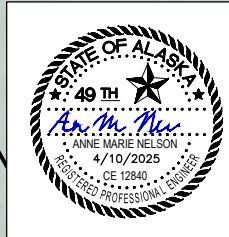
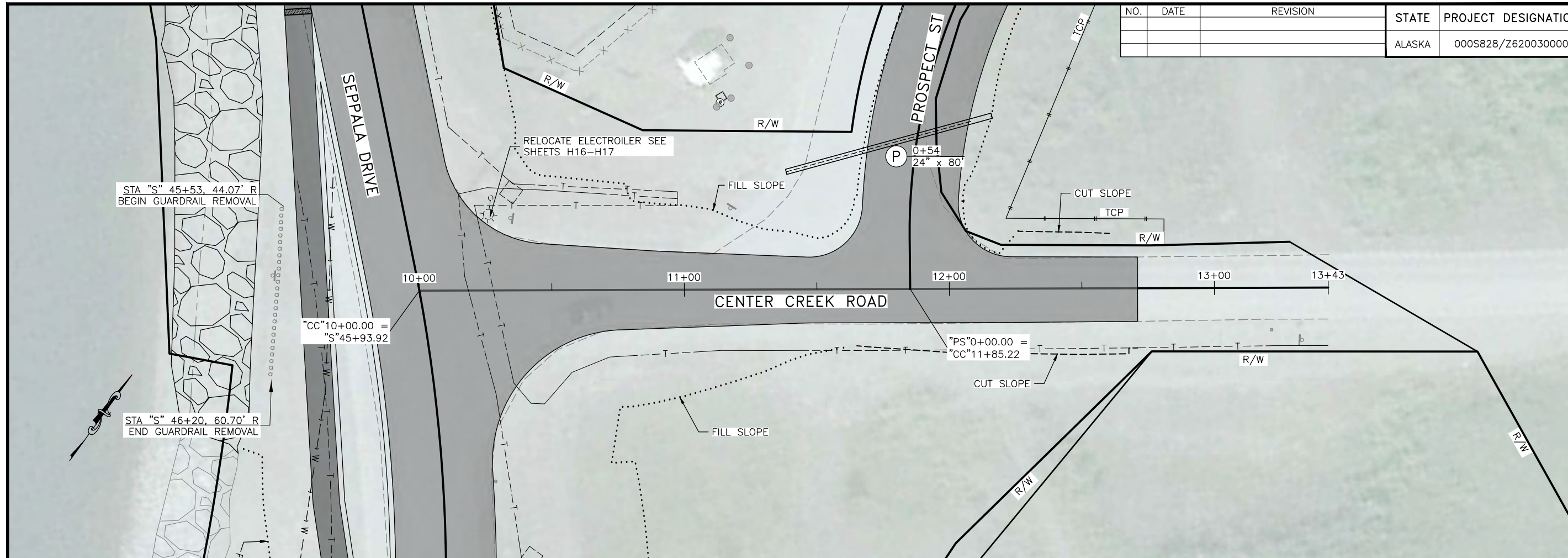
PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C\00101cnst\17258FB-F18 SHARED-USE PATH STA (RP) 0+00-4+00 Thu, Apr/10/25 01:31pm



NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	F18	F27

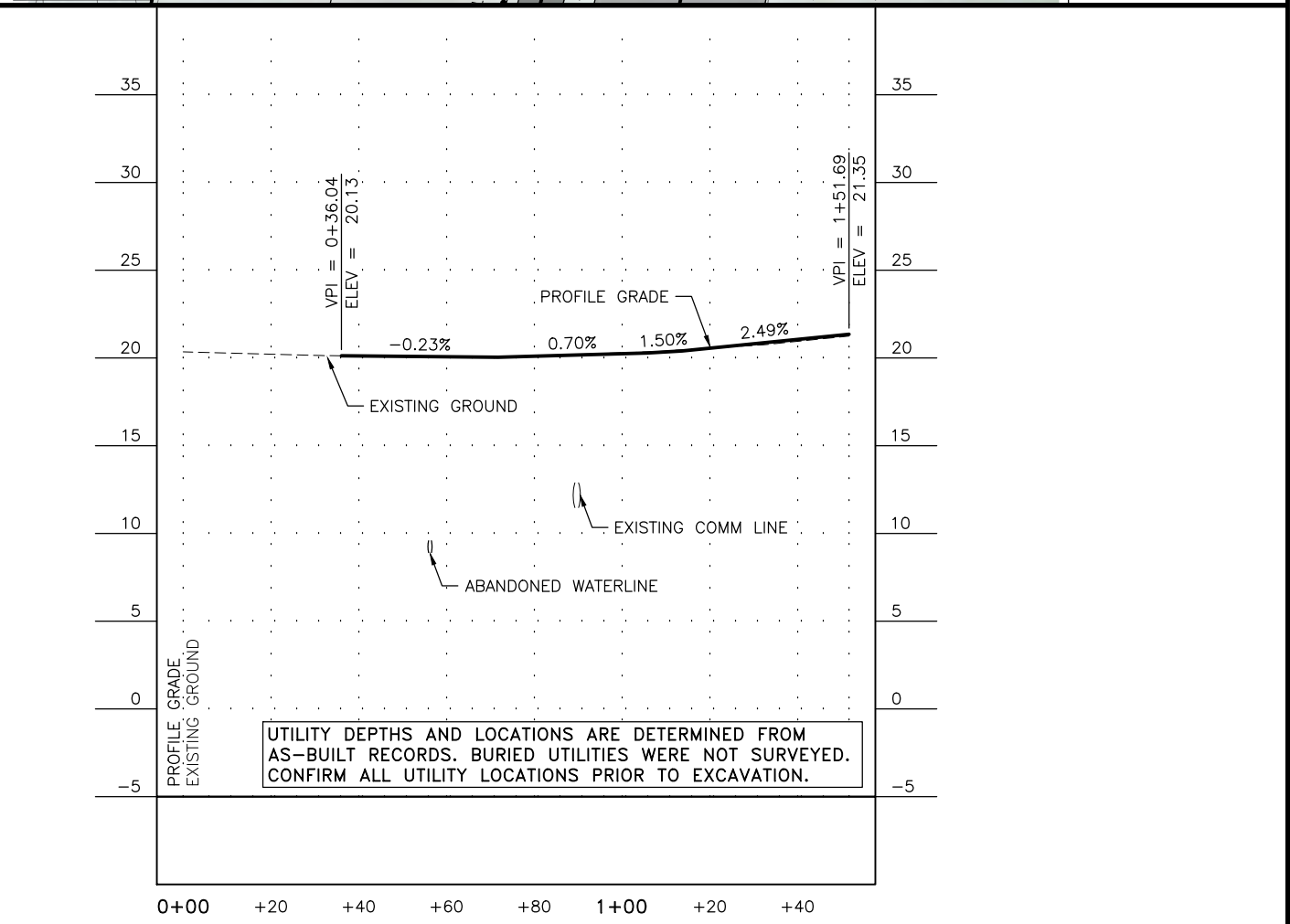
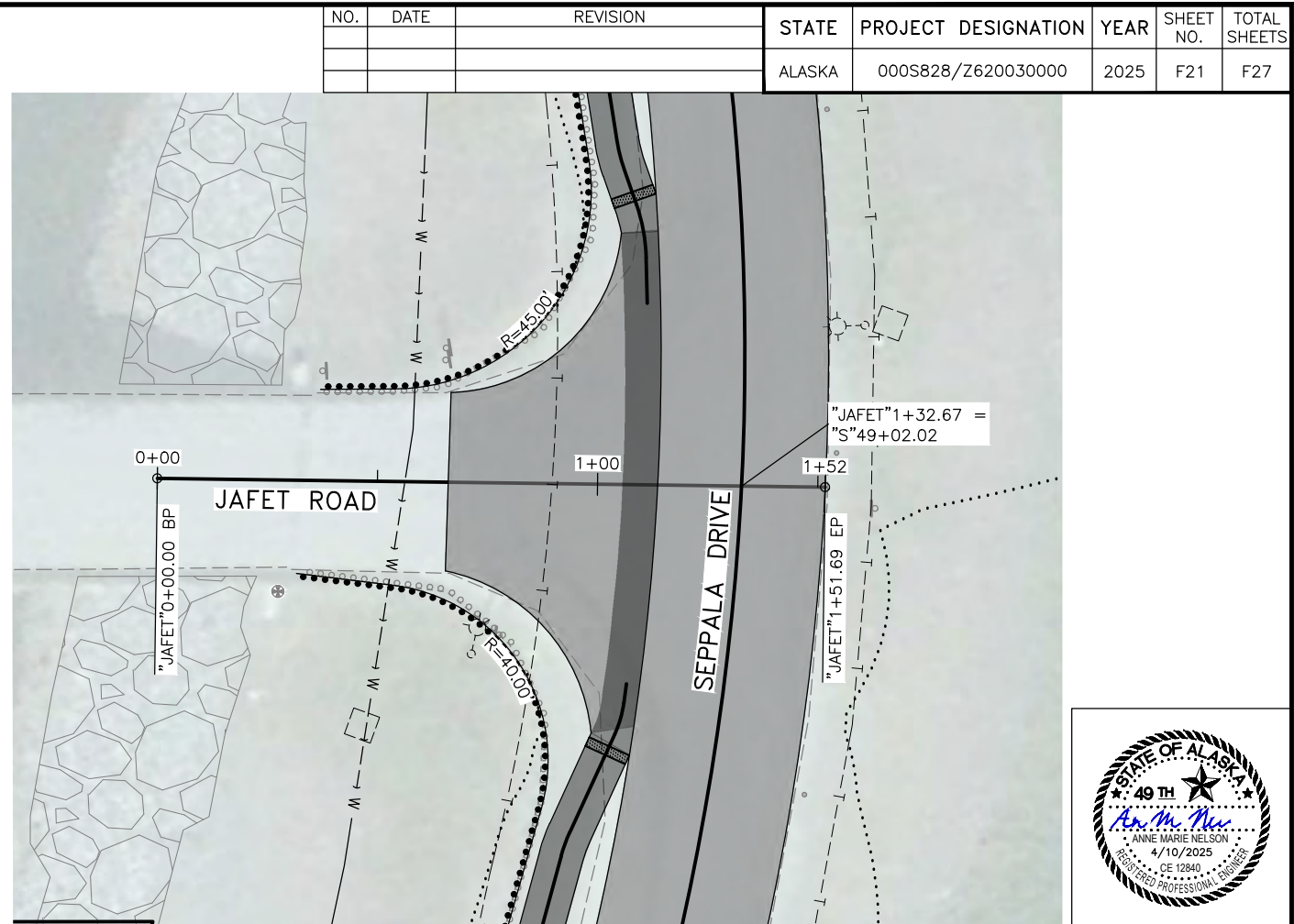
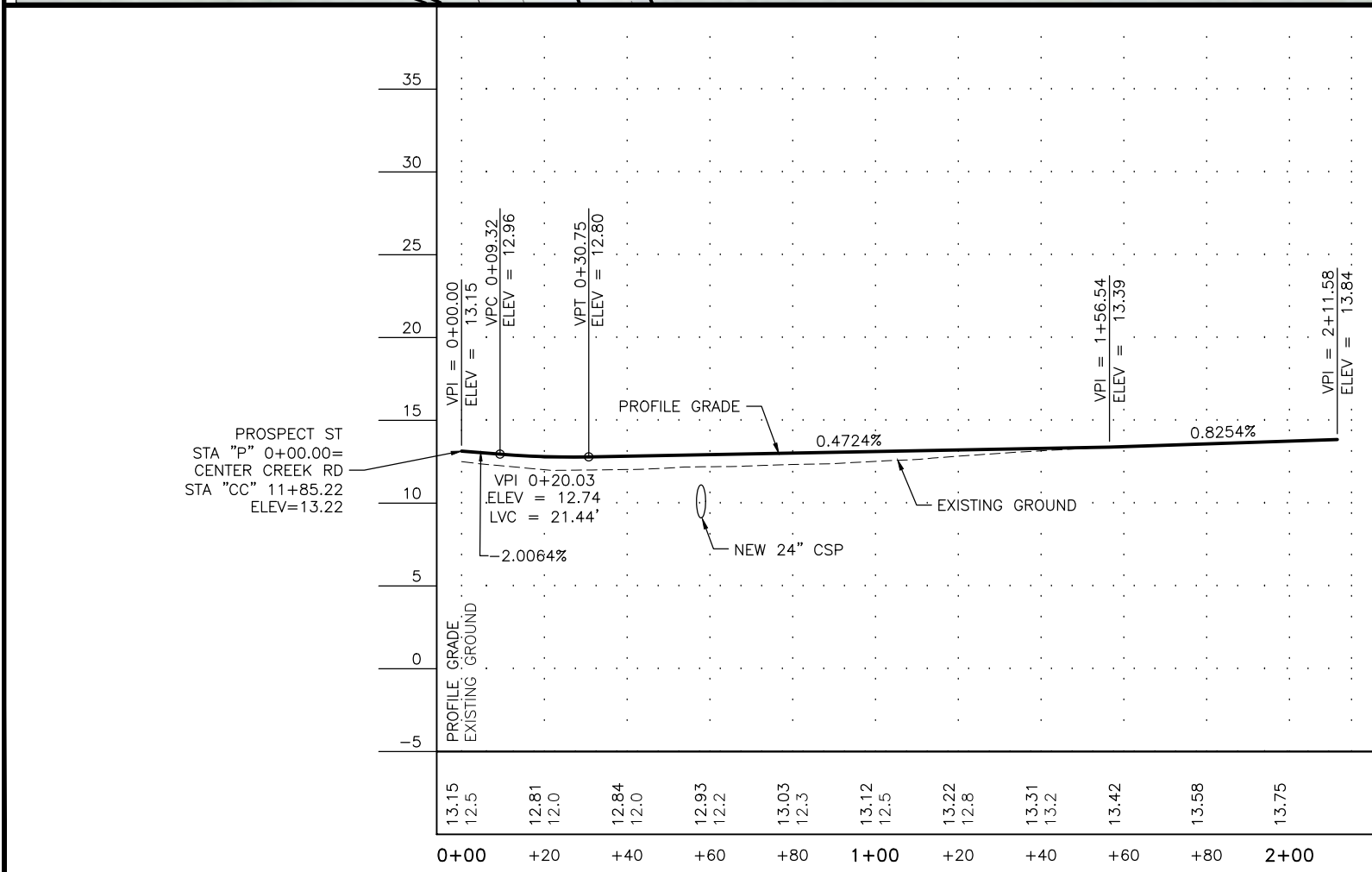
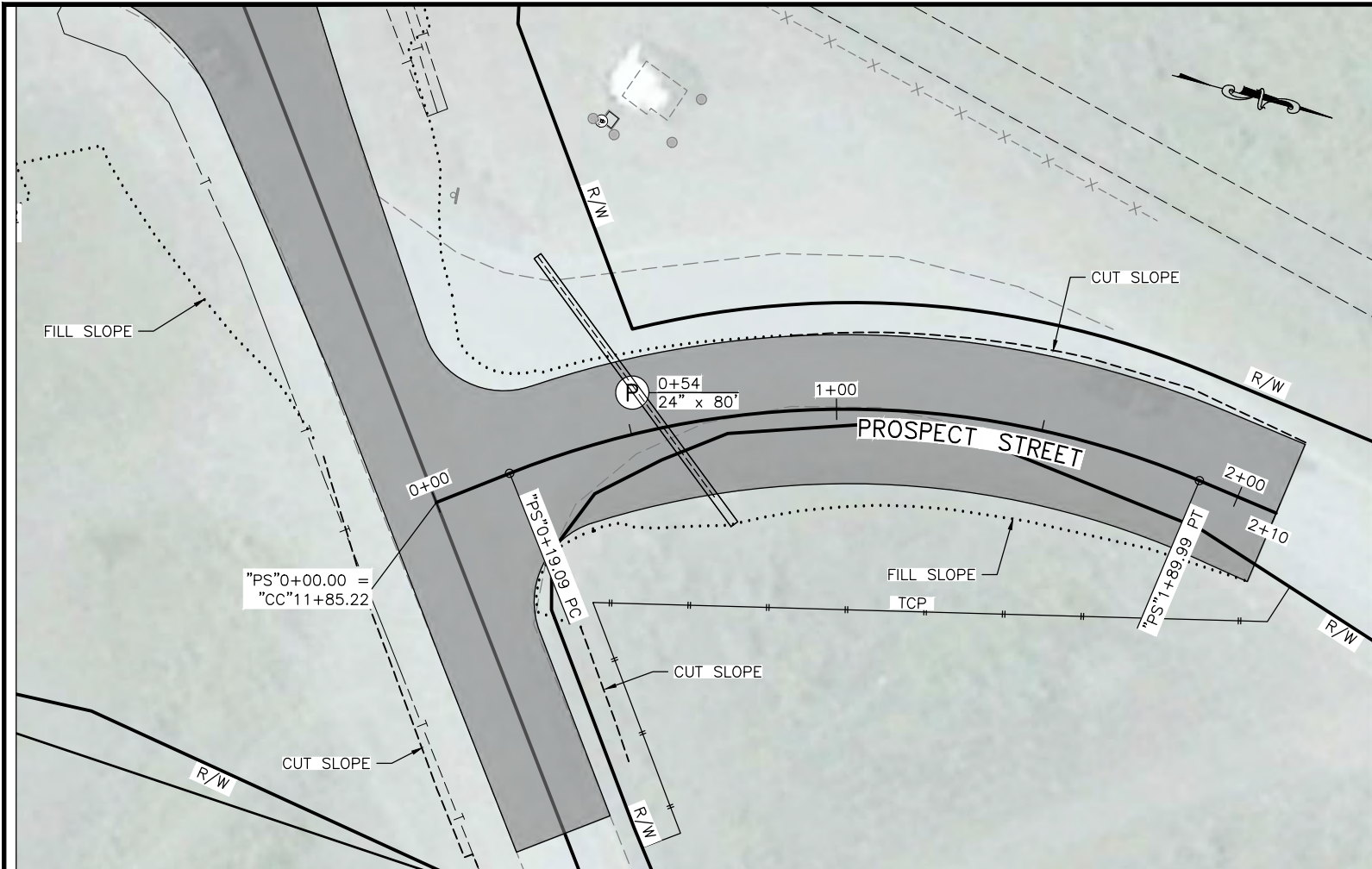


NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0005828/Z620030000	2025	F20	F27

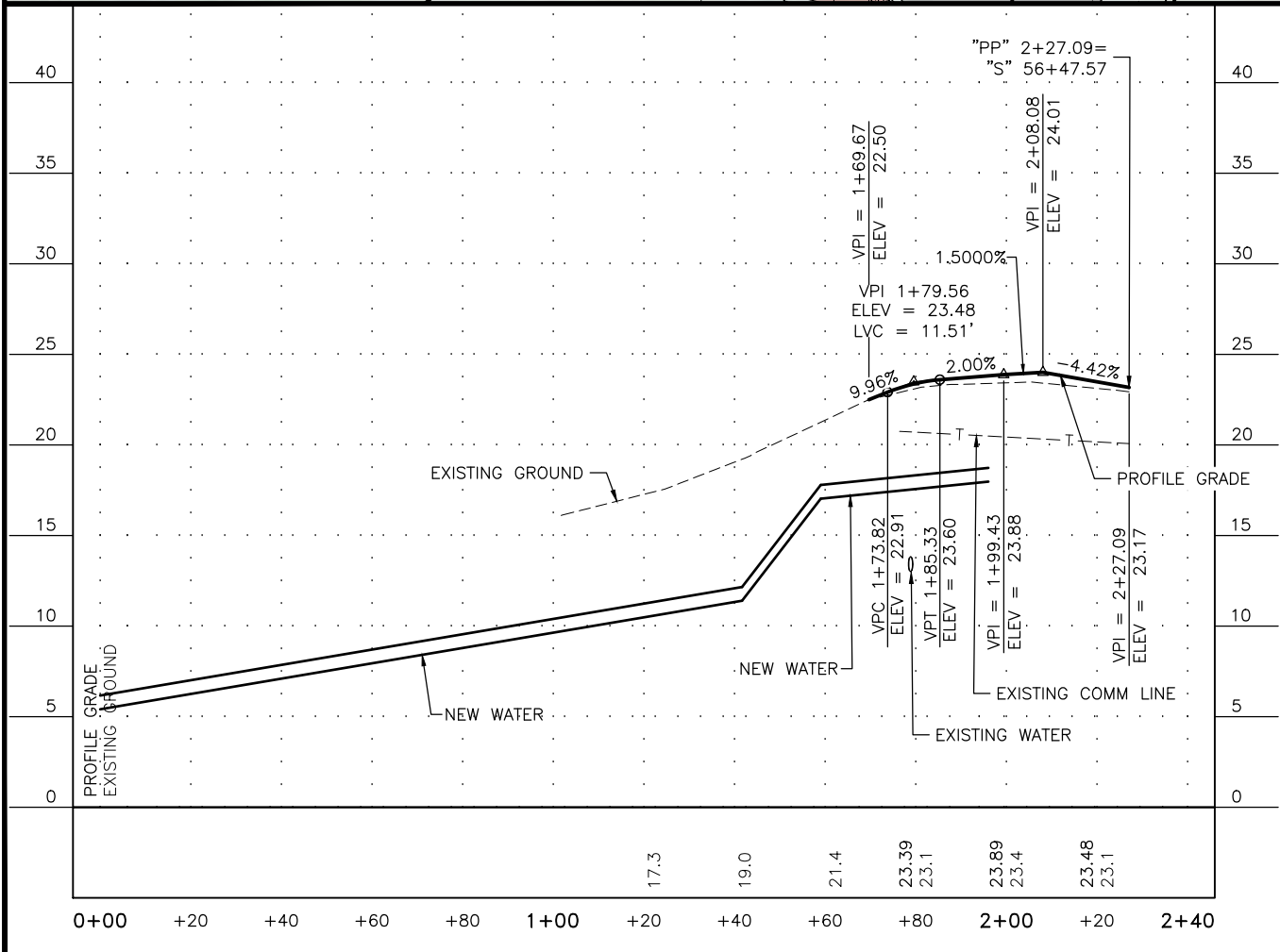


PLANS DEVELOPED BY: RESPEC. CERT. OF AUTHORIZATION NO.: AECC 163270. 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB--Seppola\17258FB--Seppola\17258FB--F20 Center Creek Rd Thu, Apr/10/25 01:32pm

PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C\0101cnst17258FB-F21 Prospect Street 1+00-2+10 Thu, Apr/10/25 01:33pm



PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C\0102cnst17258FB-F22 - Prospect Place Thu, Apr/10/25 01:34pm

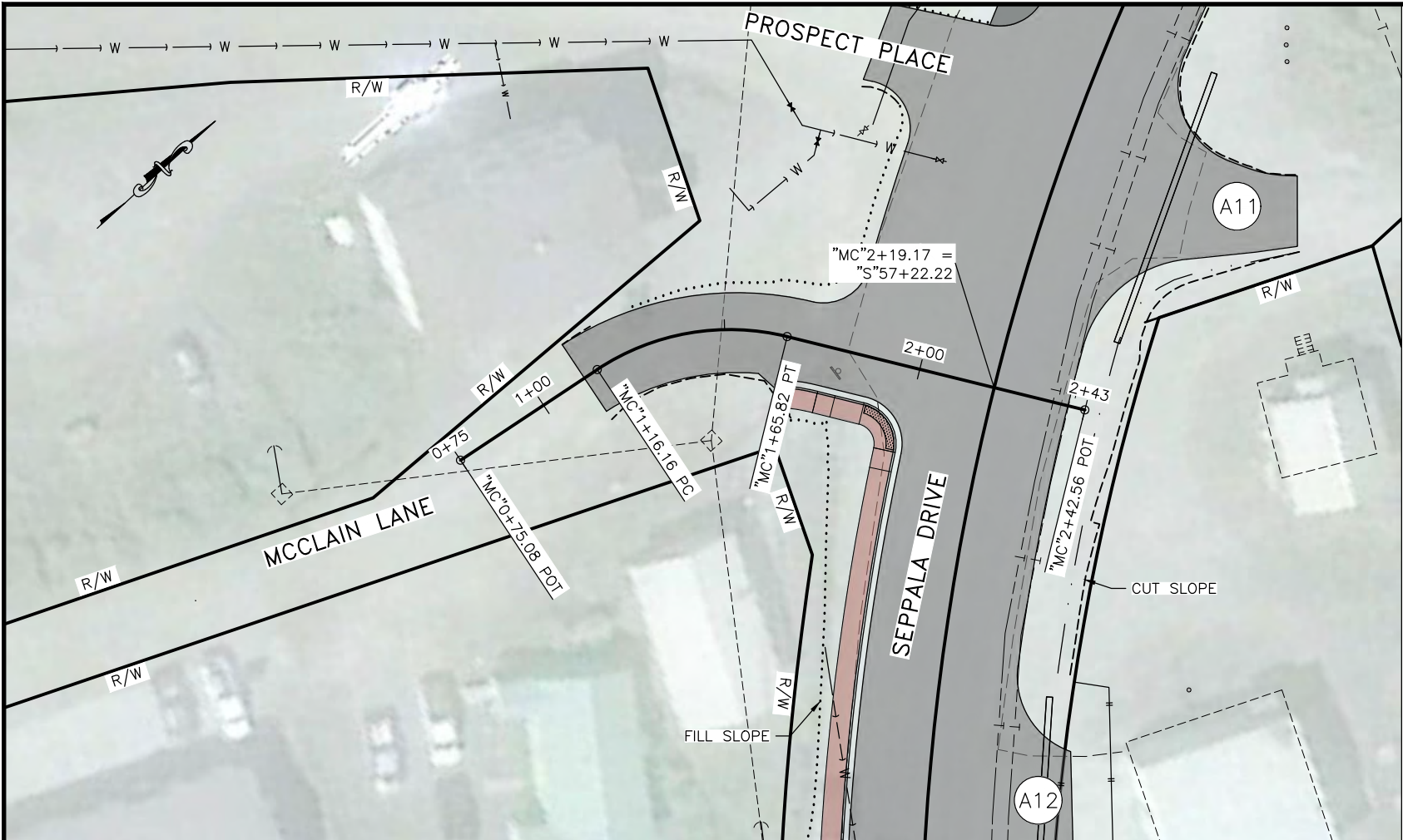


NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	F22	F27

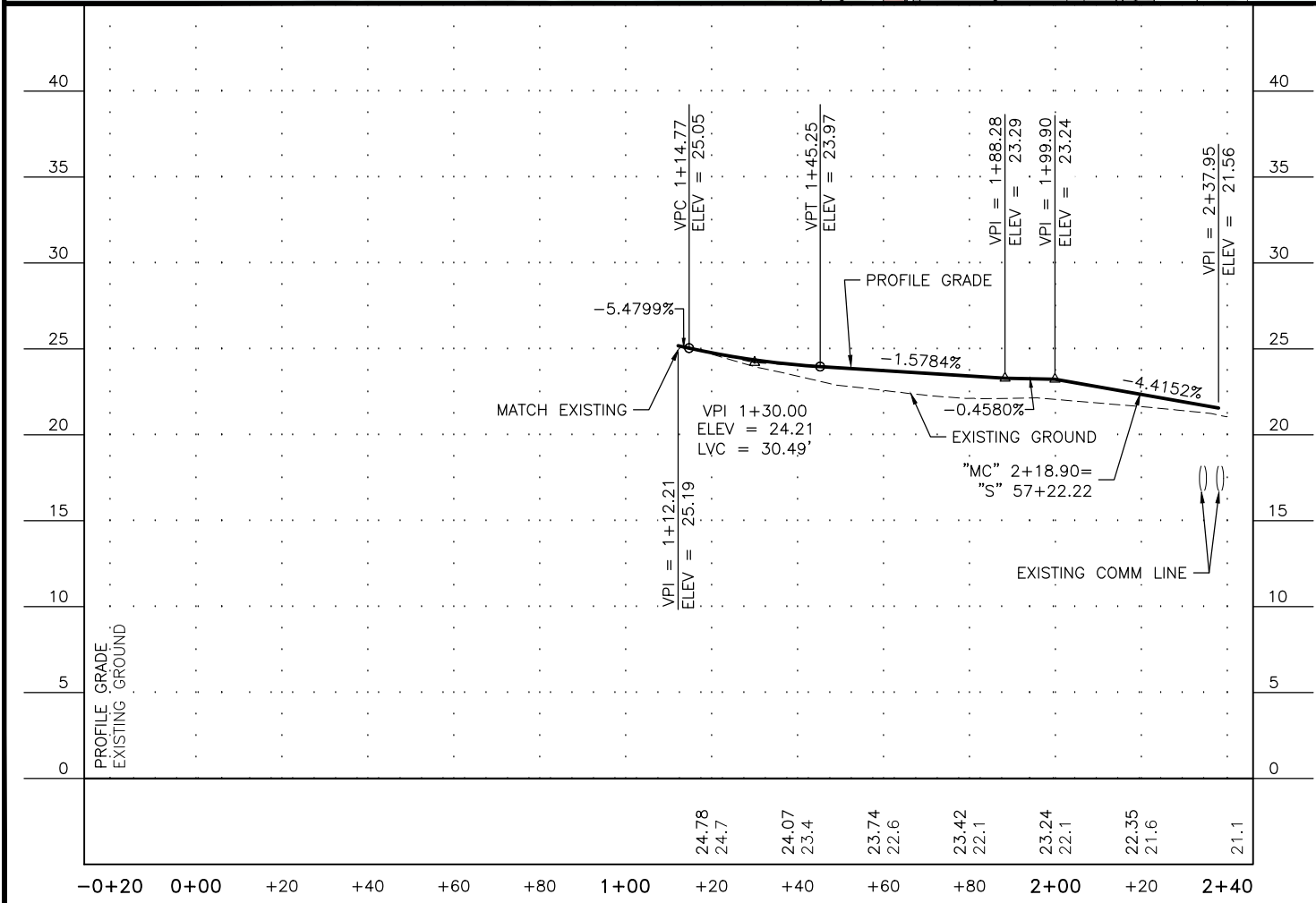


UTILITY DEPTHS AND LOCATIONS ARE DETERMINED FROM AS-BUILT RECORDS. BURIED UTILITIES WERE NOT SURVEYED. CONFIRM ALL UTILITY LOCATIONS PRIOR TO EXCAVATION.

PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AEC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C\0102cnst\17258FB-F23 - McClain Lane Thu, Apr/10/25 01:35pm

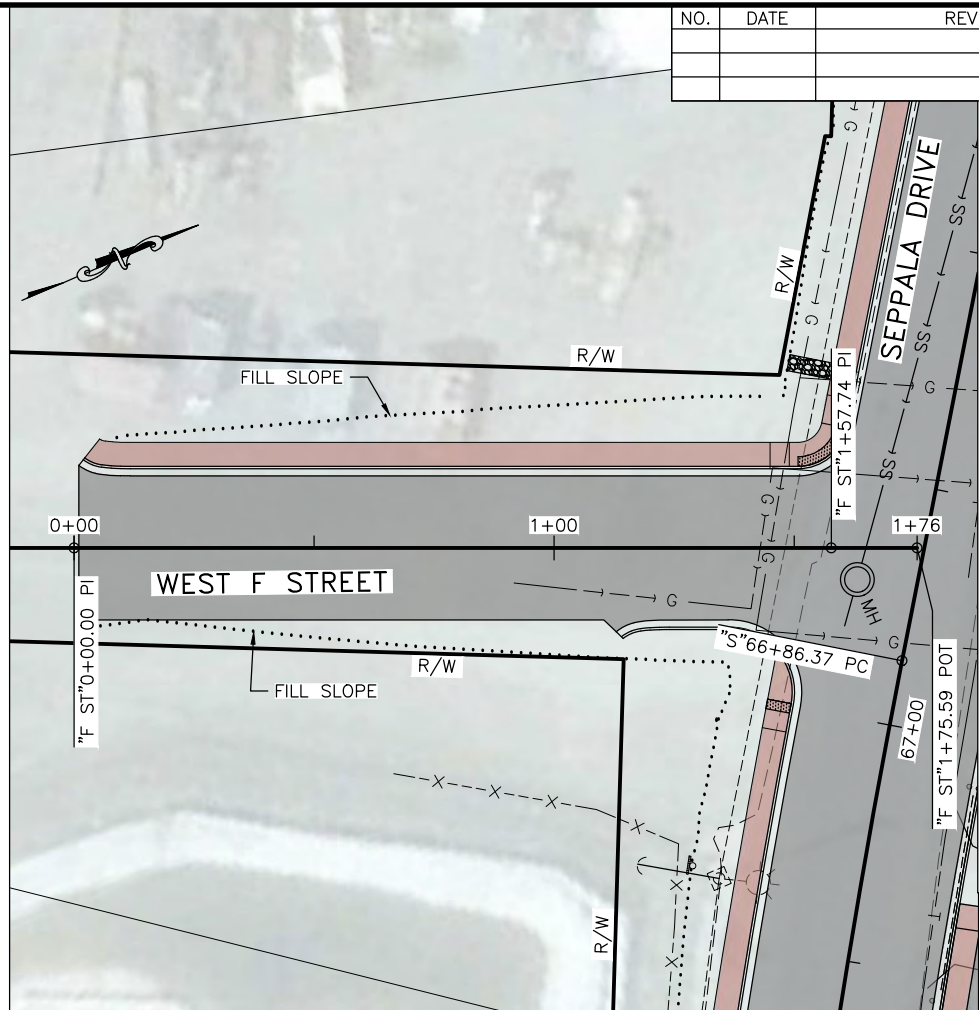
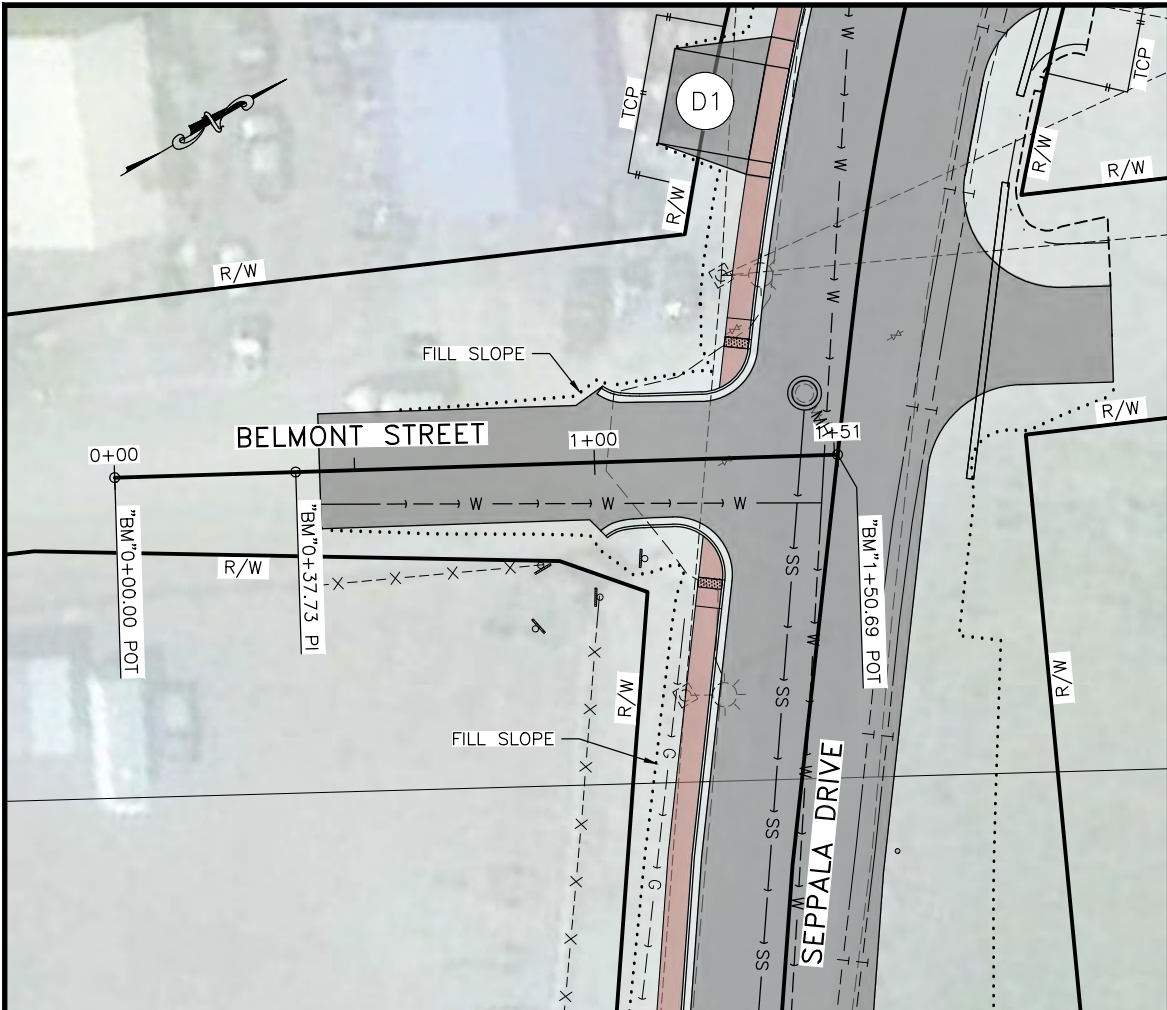


NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	F23	F27

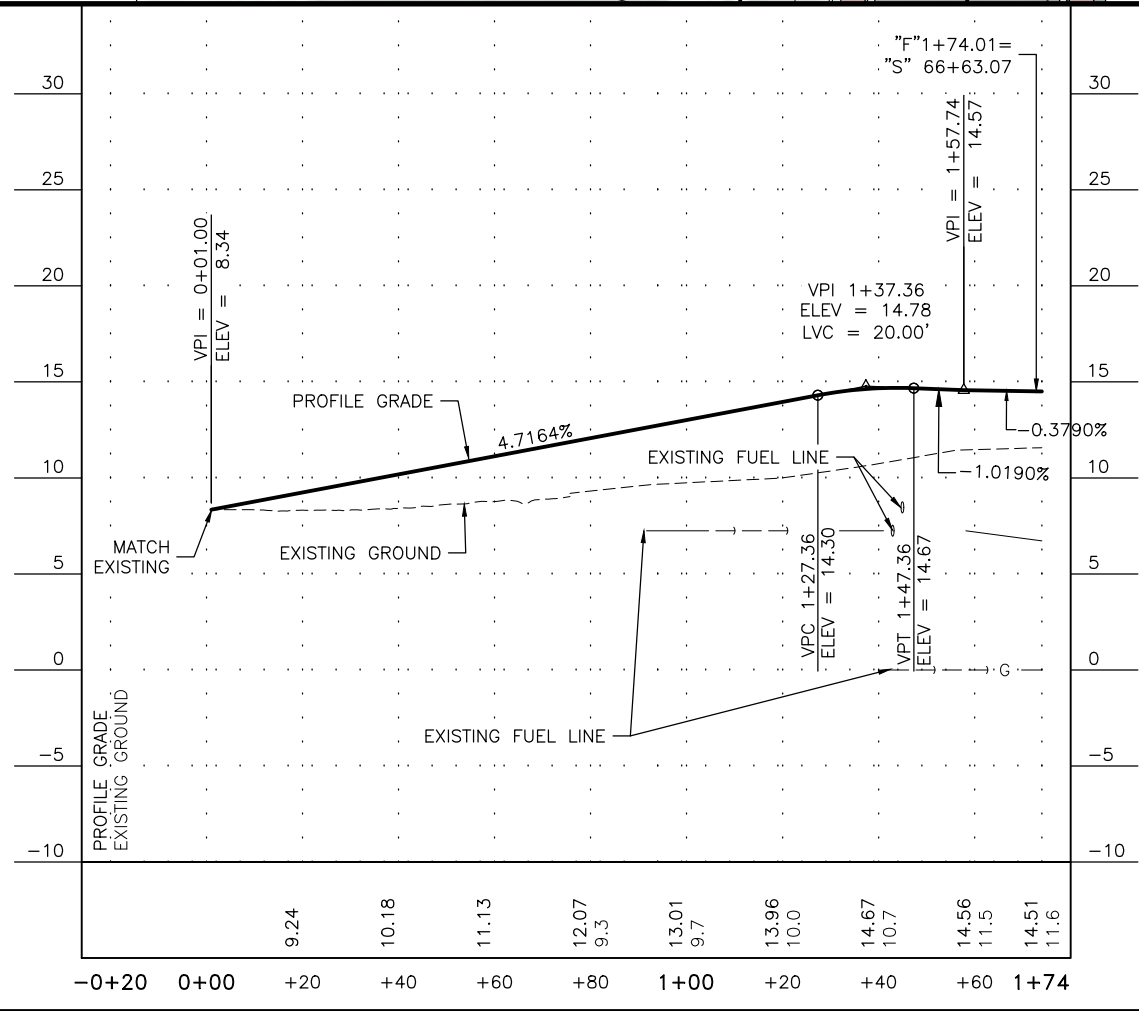
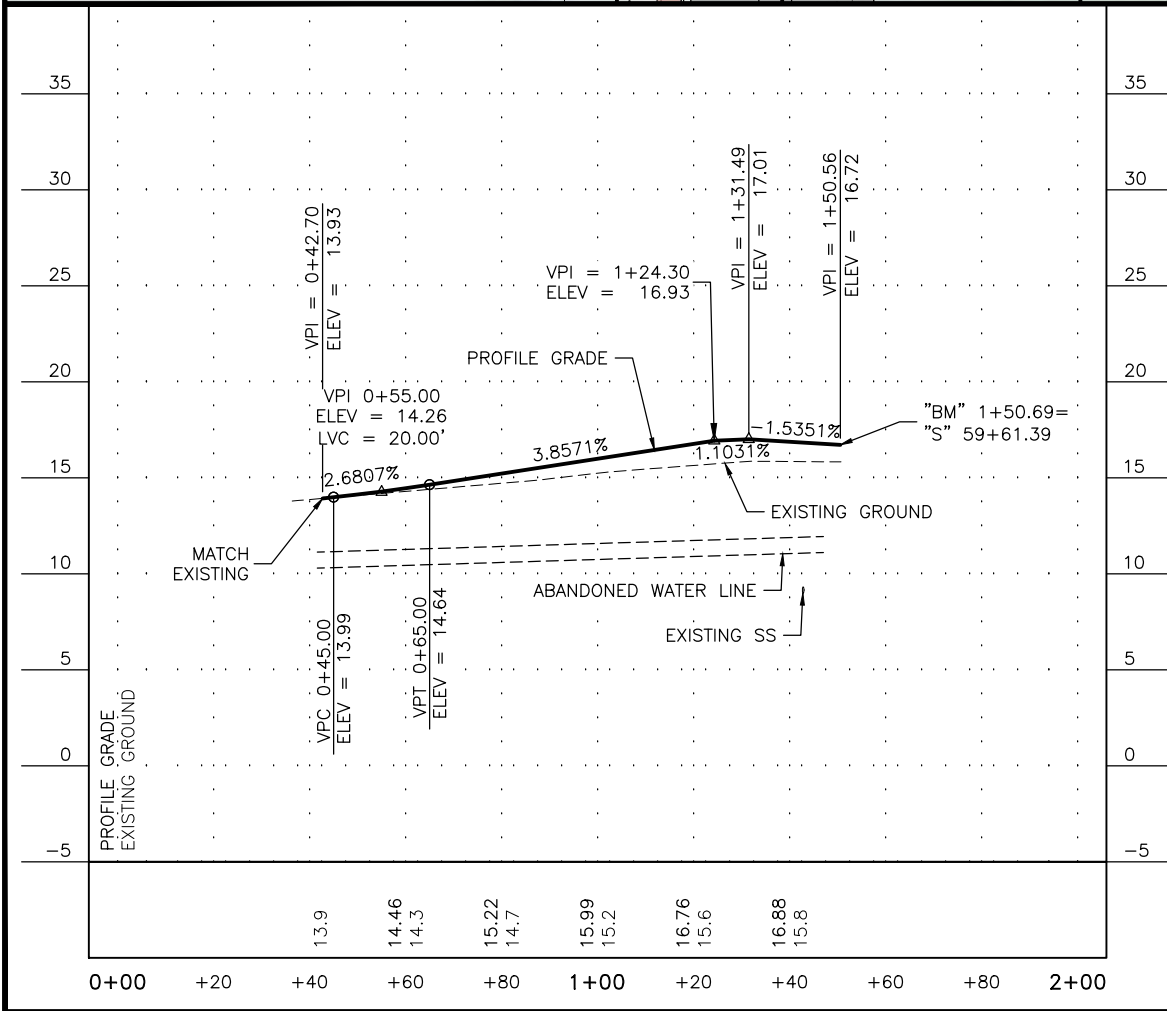


UTILITY DEPTHS AND LOCATIONS ARE DETERMINED FROM AS-BUILT RECORDS. BURIED UTILITIES WERE NOT SURVEYED. CONFIRM ALL UTILITY LOCATIONS PRIOR TO EXCAVATION.

PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C\0102cnst\17258FB-F24 Belmon & F Thu, Apr/10/25 01:36pm



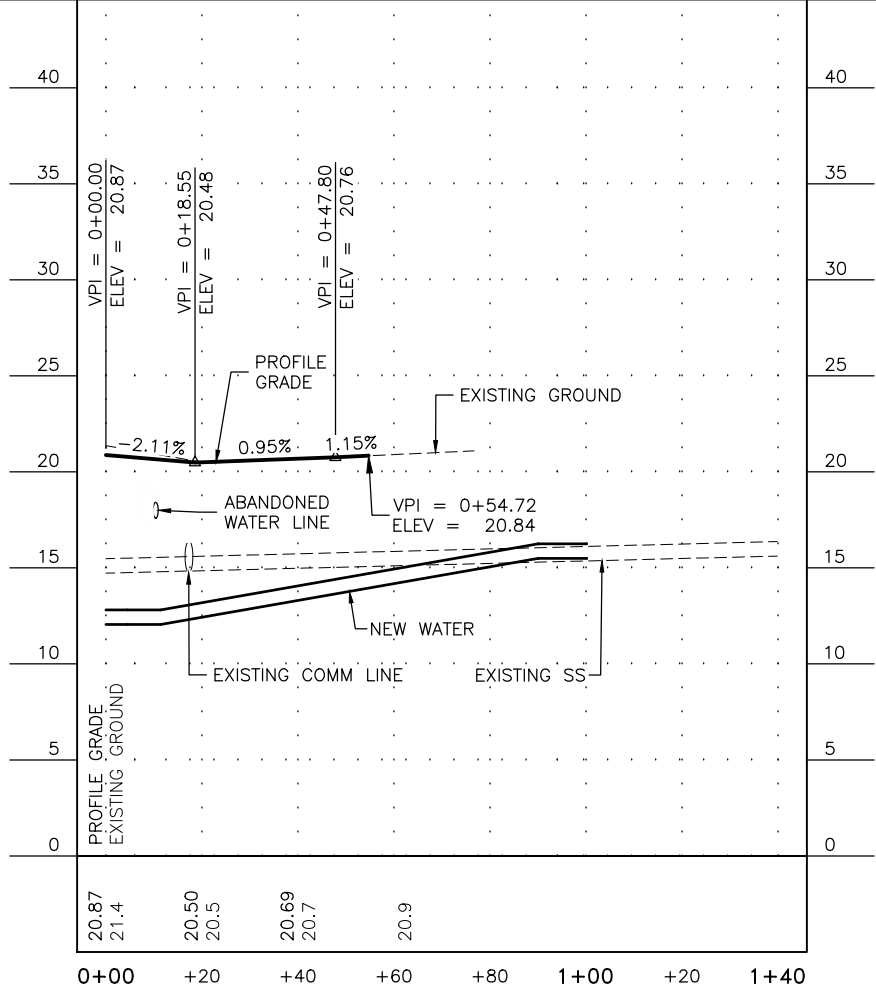
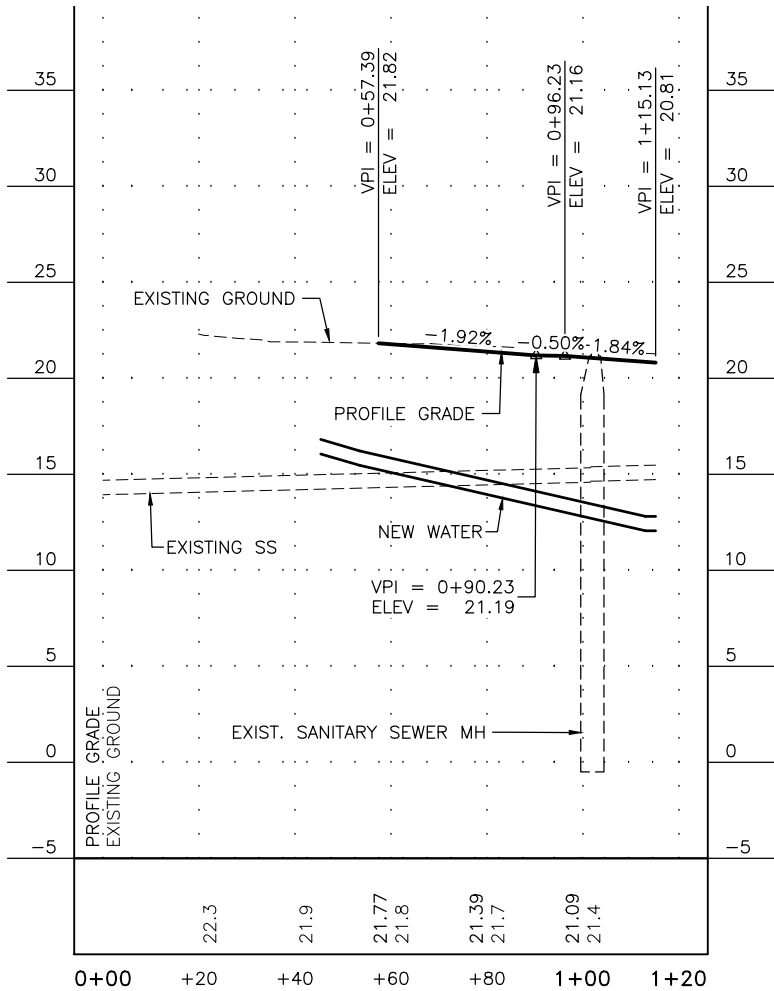
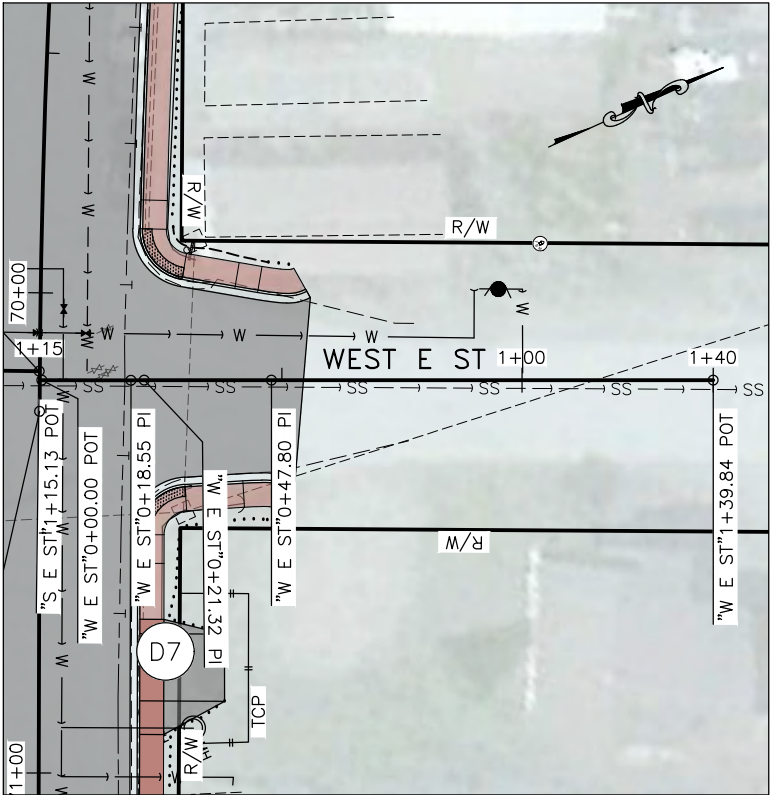
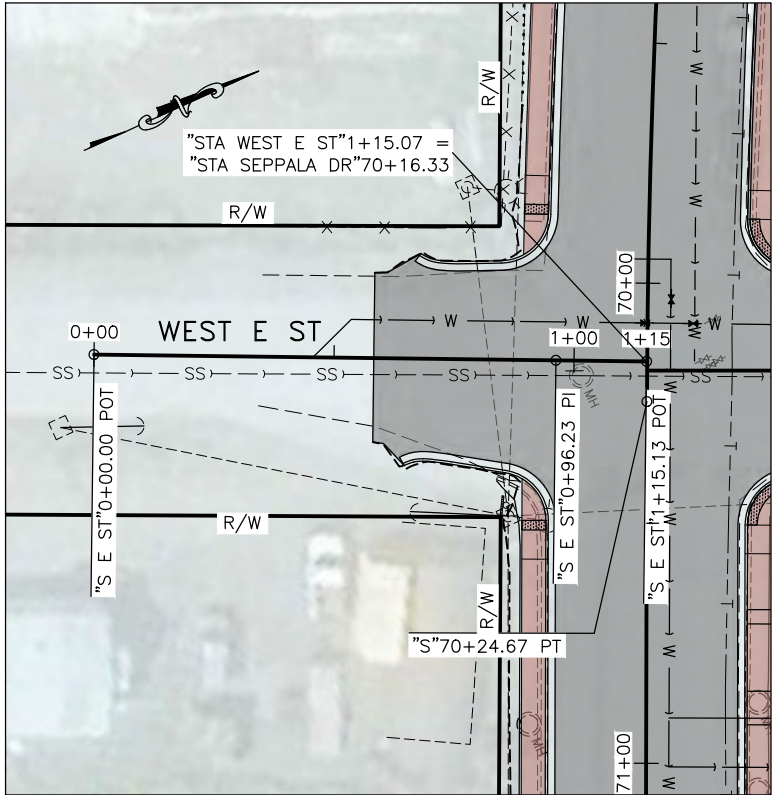
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	F24	F27



UTILITY DEPTHS AND LOCATIONS ARE DETERMINED FROM AS-BUILT RECORDS. BURIED UTILITIES WERE NOT SURVEYED. CONFIRM ALL UTILITY LOCATIONS PRIOR TO EXCAVATION.

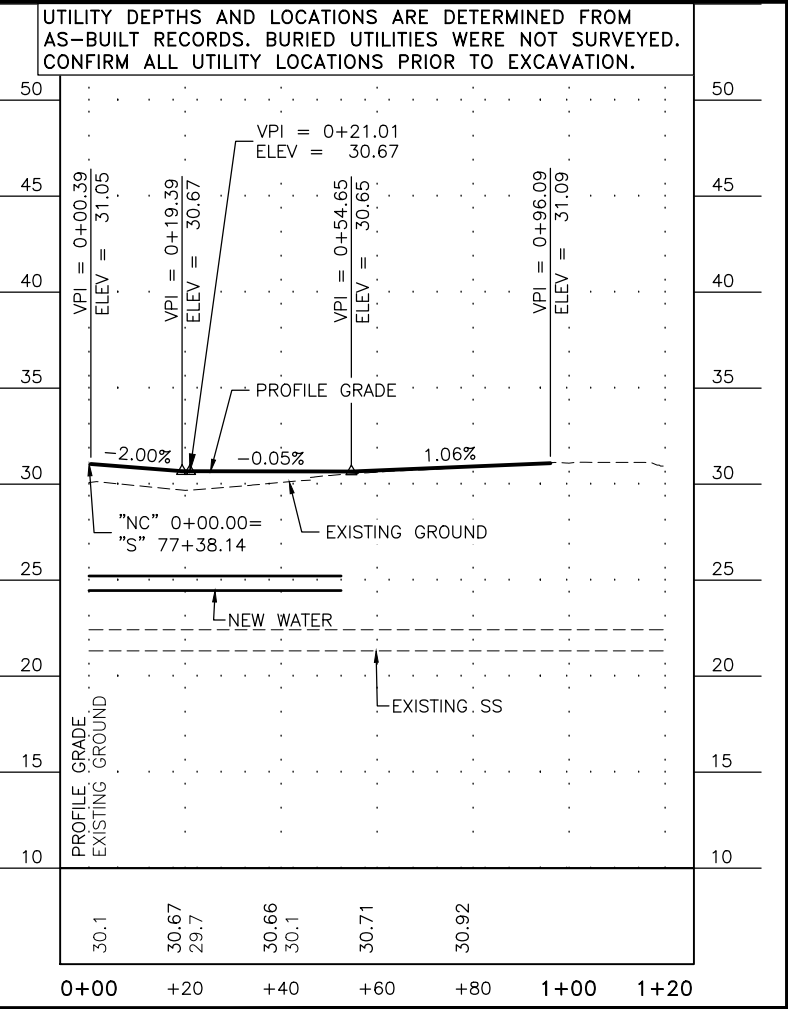
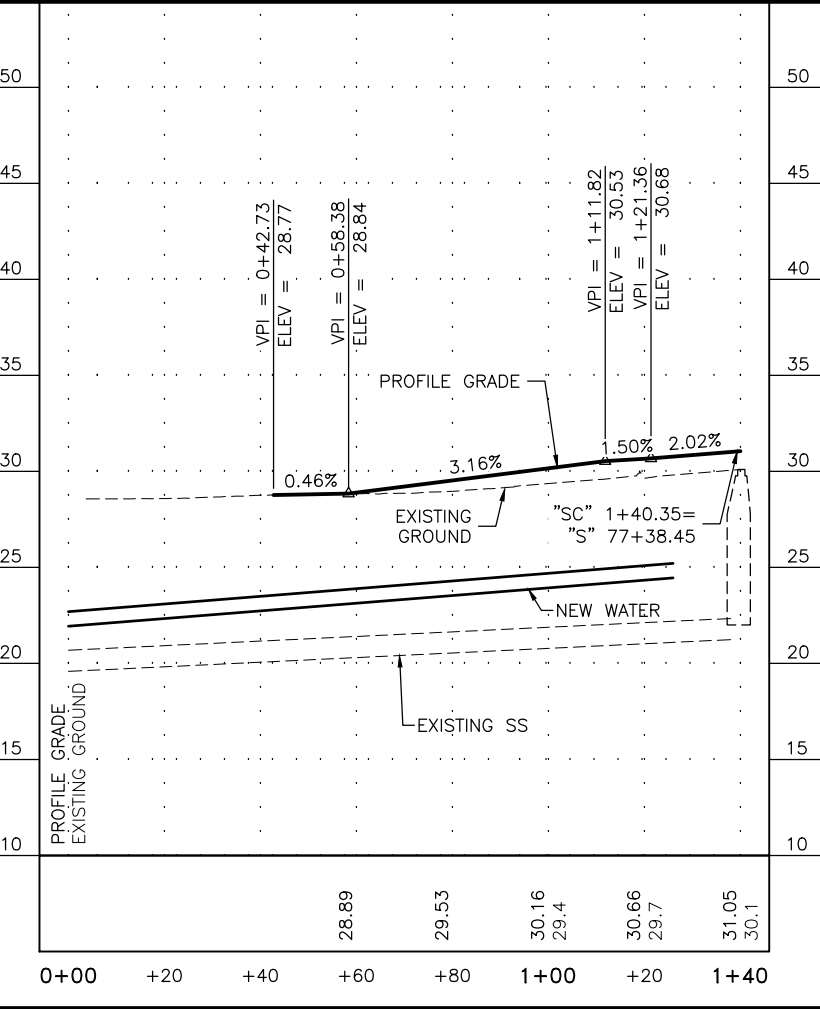
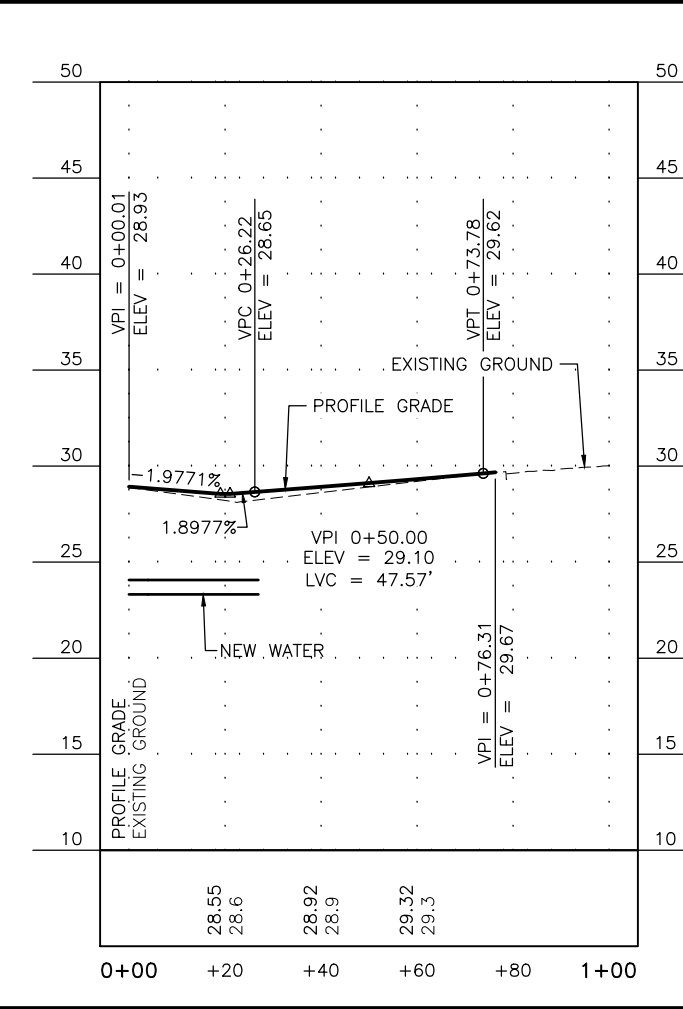
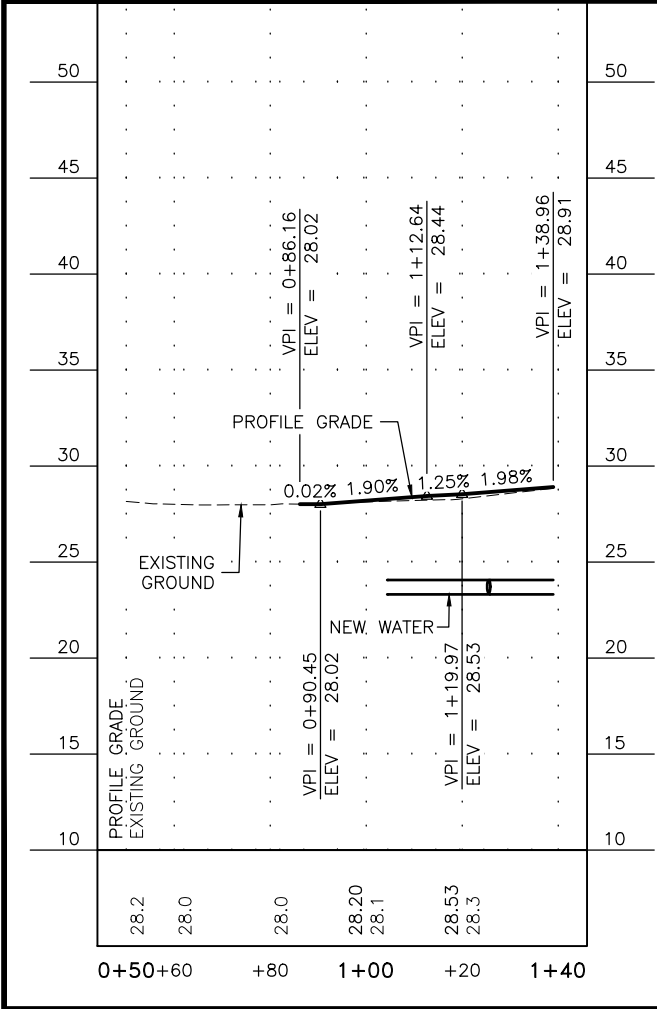
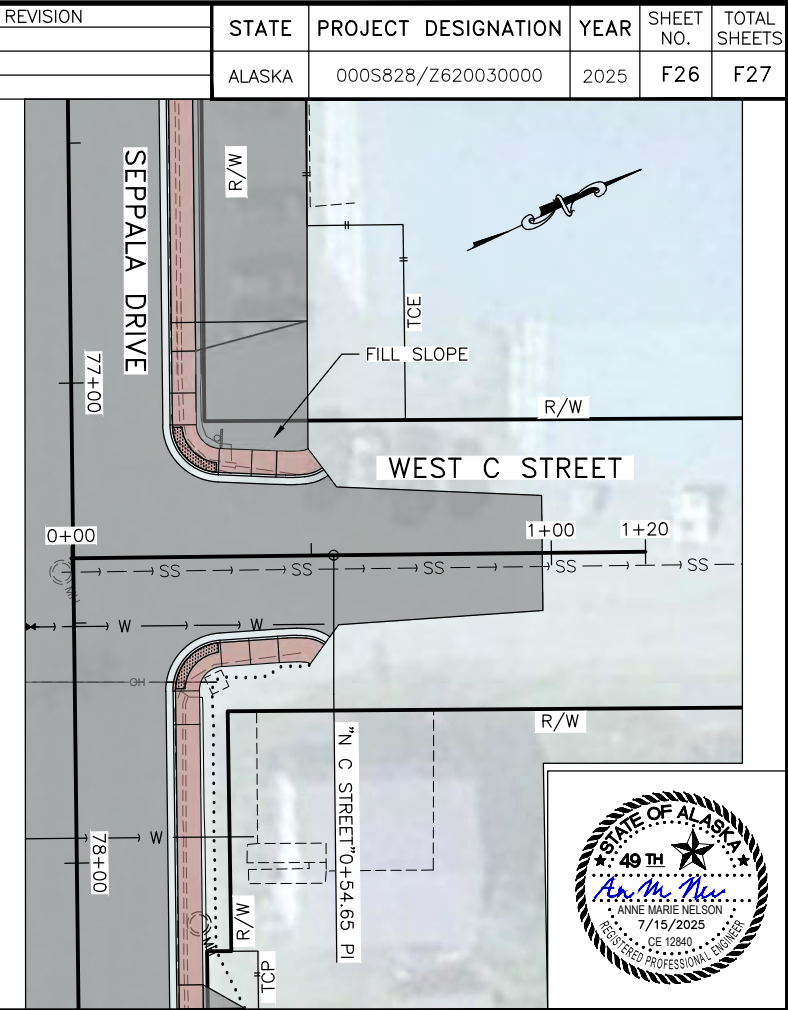
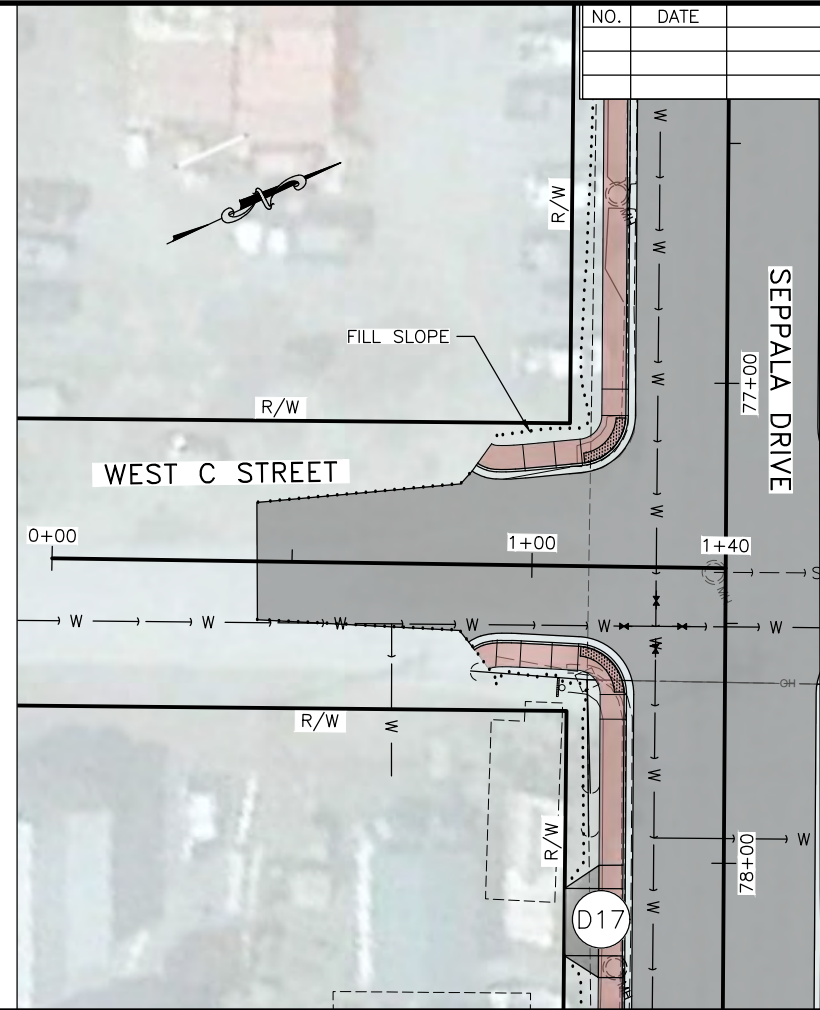
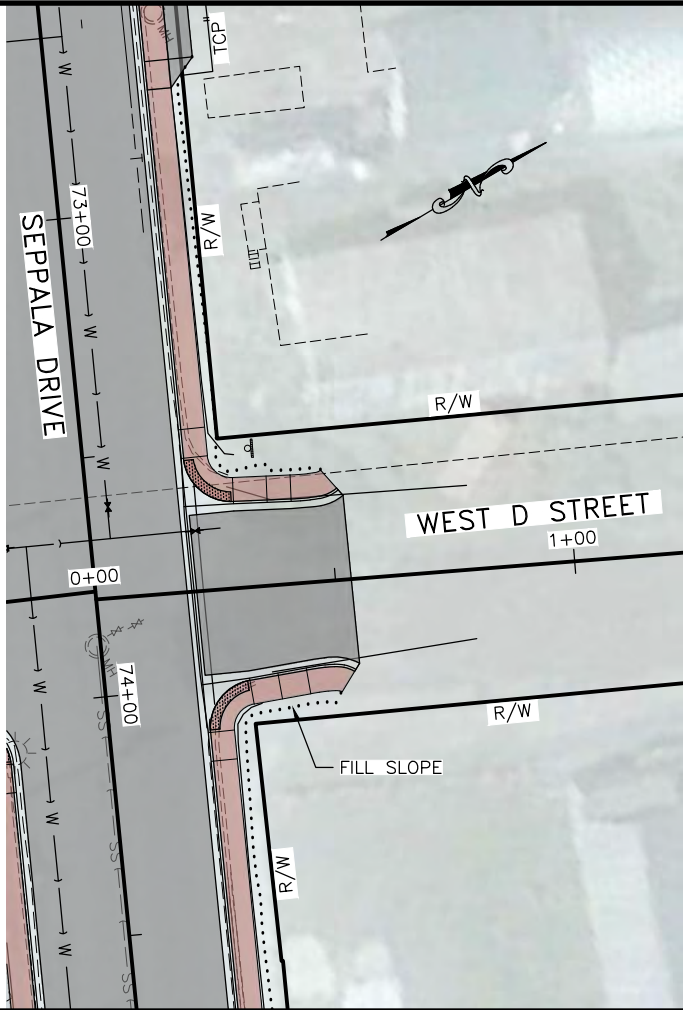
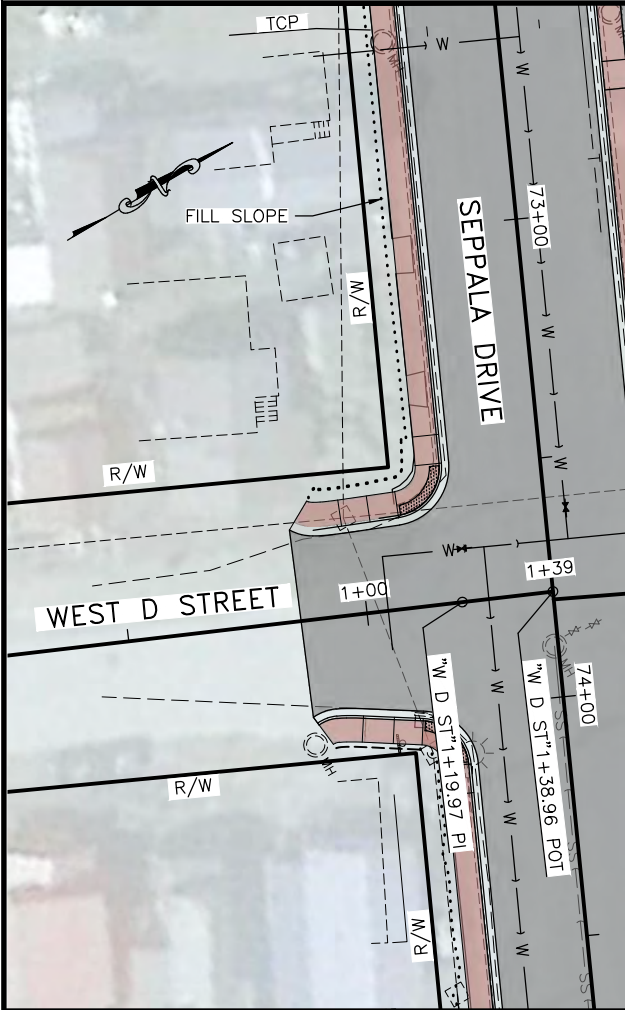
PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C\0102cnst\17258FB-E Streets Tue, Jul/15/25 01:13pm

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	F25	F27



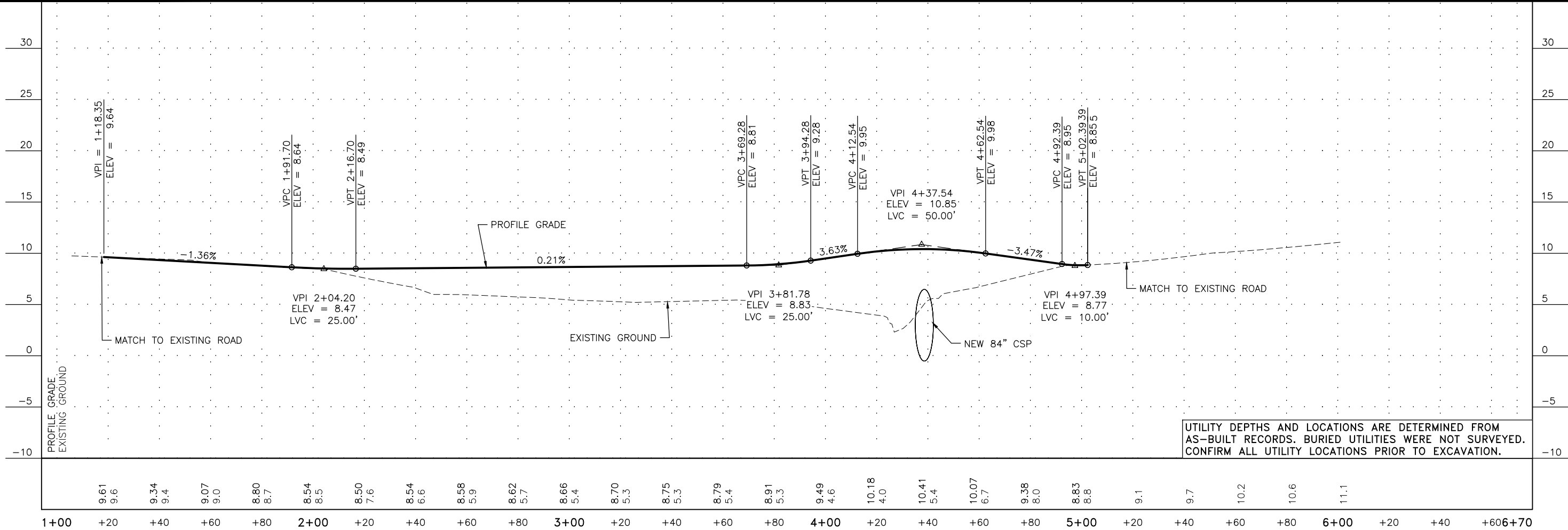
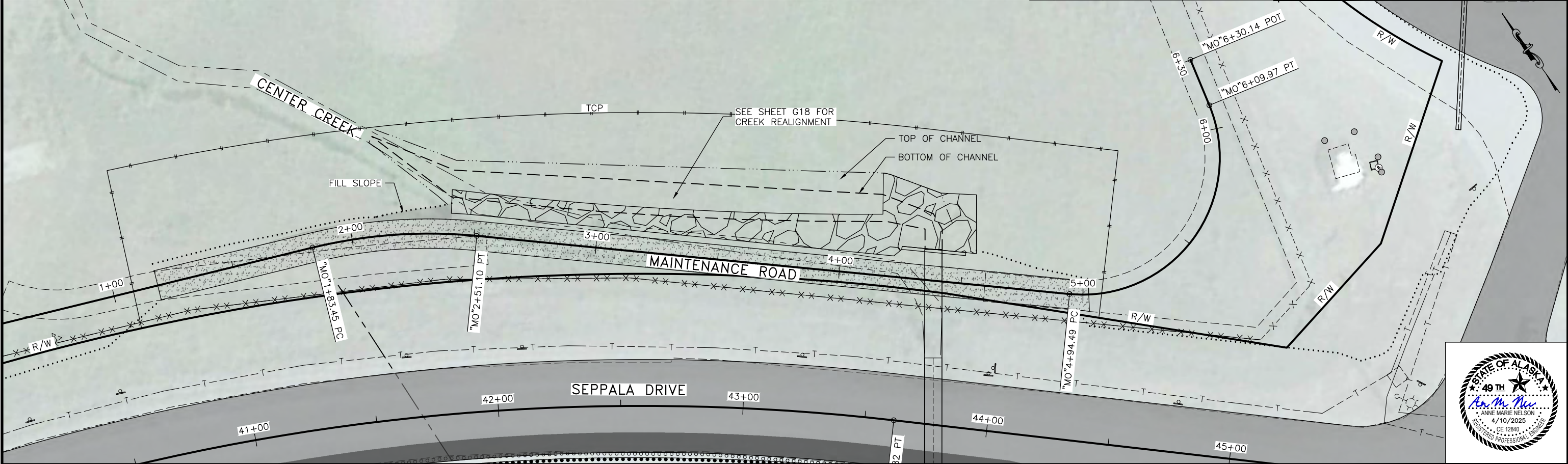
UTILITY DEPTHS AND LOCATIONS ARE DETERMINED FROM AS-BUILT RECORDS. BURIED UTILITIES WERE NOT SURVEYED. CONFIRM ALL UTILITY LOCATIONS PRIOR TO EXCAVATION.

PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\Seppala\17258FB-F25 ND SC NC Tue, Jul/15/25 01:17pm



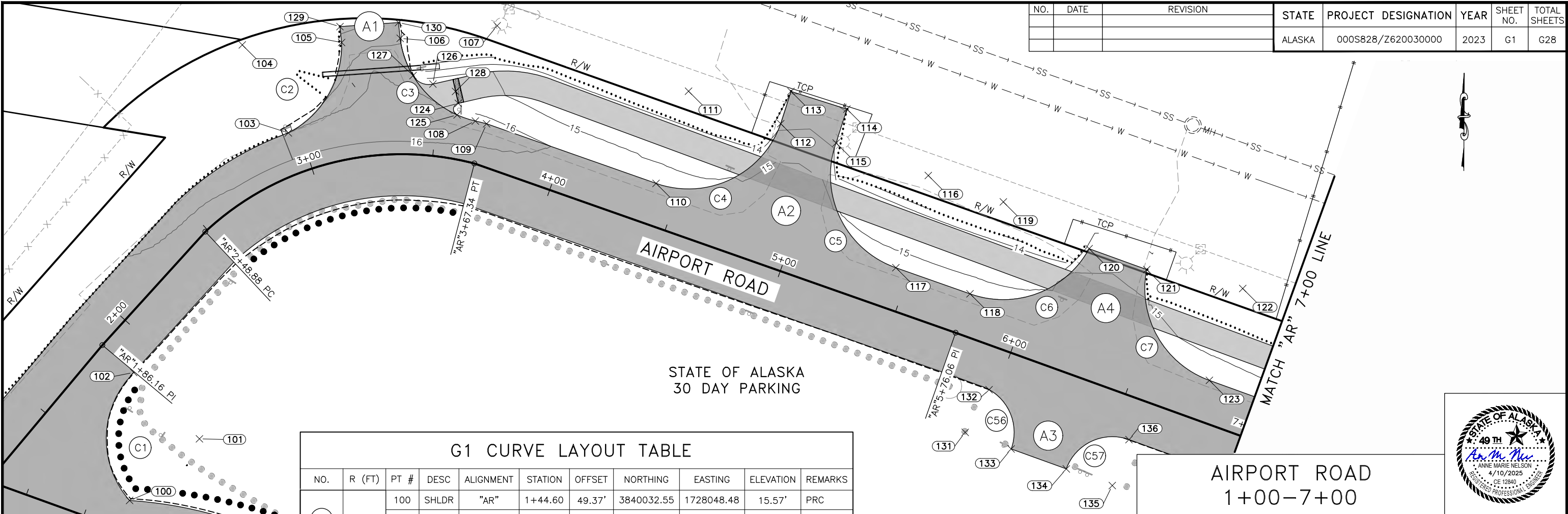
UTILITY DEPTHS AND LOCATIONS ARE DETERMINED FROM AS-BUILT RECORDS. BURIED UTILITIES WERE NOT SURVEYED. CONFIRM ALL UTILITY LOCATIONS PRIOR TO EXCAVATION.

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	F27	F27



UTILITY DEPTHS AND LOCATIONS ARE DETERMINED FROM AS-BUILT RECORDS. BURIED UTILITIES WERE NOT SURVEYED. CONFIRM ALL UTILITY LOCATIONS PRIOR TO EXCAVATION.

PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C5001cnst-17258FB-G1 Airport Road 1+00-7+00 Thu, Apr/10/25 01:37pm



G1 CURVE LAYOUT TABLE

NO.	R (FT)	PT #	DESC	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	REMARKS
C1	38	100	SHLDR	"AR"	1+44.60	49.37'	3840032.55	1728048.48	15.57'	PRC
		101	RP	"AR"	1+82.25	55.08'	3840057.85	1728076.95	N/A	
		102	SHLDR	"AR"	1+85.81	17.00'	3840084.94	1728049.95	15.58'	PT
C2	40	103	SHLDR	"AR"	2+95.91	17.00'	3840183.20	1728112.91	15.42'	PRC
		104	RP	"AR"	2+92.37	57.38'	3840219.16	1728093.96	N/A	
		105	SHLDR	"AR"	3+19.73	47.59'	3840220.28	1728134.59	14.46'	PT
C3	40	106	SHLDR	"AR"	3+36.87	47.44'	3840222.05	1728158.56	14.53'	PC
		107	RP	"AR"	3+63.84	57.00'	3840227.33	1728198.21	N/A	
		108	SHLDR	"AR"	3+63.84	17.00'	3840188.31	1728189.41	15.47'	PRC
C4	40	110	SHLDR	"AR"	4+40.15	17.00'	3840163.02	1728263.42	15.52'	PC
		111	RP	"AR"	4+40.16	57.00'	3840200.79	1728276.58	N/A	
		112	SHLDR	"AR"	4+80.16	56.96'	3840187.60	1728314.34	13.81'	PT
C5	40	115	SHLDR	"AR"	5+04.15	57.03'	3840179.78	1728337.02	13.85'	PC
		116	RP	"AR"	5+44.14	57.00'	3840166.59	1728374.78	N/A	
		117	SHLDR	"AR"	5+44.15	17.00'	3840128.82	1728361.63	15.58'	PT
C6	40	118	SHLDR	"AR"	5+76.15	17.00'	3840118.24	1728392.00	15.59'	PC
		119	RP	"AR"	5+76.16	57.00'	3840155.89	1728405.50	N/A	
		120	SHLDR	"AR"	6+15.69	50.94'	3840136.85	1728440.67	14.38'	ME
C7	40	121	SHLDR	"AR"	6+40.76	50.93'	3840128.39	1728464.27	14.29'	ME
		122	RP	"AR"	6+80.30	57.00'	3840120.76	1728503.54	N/A	
		123	SHLDR	"AR"	6+80.31	17.00'	3840083.11	1728490.05	15.65'	PT
C56	40	131	RP	"AR"	5+93.60	37.00'	3840061.52	1728390.21	N/A	
		132	SHLDR	"AR"	5+96.85	17.26'	3840079.00	1728399.92	15.60'	PC
		133	SHLDR	"AR"	6+13.60	37.00'	3840054.77	1728409.04	15.08'	PT
C57	40	134	SHLDR	"AR"	6+37.60	37.00'	3840046.68	1728431.63	15.03'	PC
		135	RP	"AR"	6+57.60	37.00'	3840039.93	1728450.46	N/A	
		136	PT	"AR"	6+57.60	17.00'	3840058.76	1728457.21	15.64'	

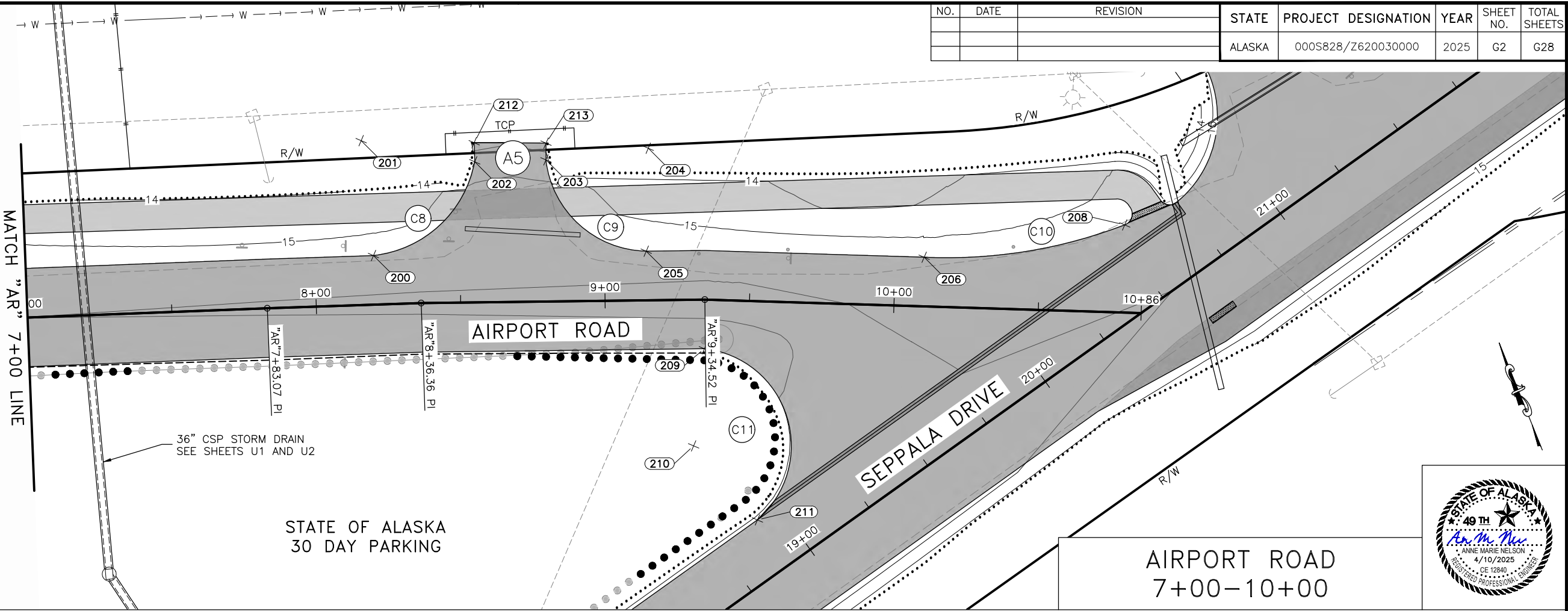
SHEET G1 CONTROL POINT TABLE

POINT #	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION	REMARKS
109	"AR"	3+67.34	17.02'	3840187.19	1728194.01	15.00'	SHLDR	PRC
113	"AR"	4+79.74	70.83'	3840200.83	1728318.51	12.93'	SHLDR	ME
114	"AR"	5+03.72	71.58'	3840193.66	1728341.40	12.94'	SHLDR	ME
124	"AR"	3+56.77	22.73'	3840195.51	1728182.39	15.06'	EPW	PT
125	"AR"	3+57.05	18.00'	3840190.79	1728181.94	15.45'	EPW	PC R=2.5'
126	"AR"	3+47.54	29.26'	3840203.37	1728172.00	N/A	EPW	PT
127	"AR"	3+40.94	32.27'	3840206.83	1728163.86	14.90'	EPW	PC R=7.5'
128	"AR"	3+55.23	27.37'	3840200.38	1728181.26	14.98'	DWT	
129	"AR"	3+19.94	54.10'	3840226.76	1728133.90	13.50'	SHLDR	ME
130	"AR"	3+36.40	53.90'	3840228.50	1728157.84	14.60'	SHLDR	ME

PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C5001cnst-17258FB-G2 Airport Road 7+00-10+00 Thu, Apr/10/25 01:39pm

G2 CURVE LAYOUT TABLE										
NO.	R (FT)	PT #	DESC	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	REMARKS
C8	40	200	SHLDR	"AR"	8+20.38	17.00'	3840035.65	1728621.93	15.73'	PT
		201	RP	"AR"	8+17.47	56.88'	3840074.12	1728632.83	N/A	
		202	SHLDR	"AR"	8+55.48	48.67'	3840052.66	1728666.57	14.60'	PT
C9	35	203	SHLDR	"AR"	8+80.14	49.03'	3840044.07	1728689.69	14.46'	PC
		204	RP	"AR"	9+15.59	52.62'	3840034.58	1728724.04	N/A	
		205	SHLDR	"AR"	9+14.44	17.00'	3840001.79	1728710.07	15.78'	PT
C10	172	206	SHLDR	"AR"	10+09.95	17.00'	3839963.93	1728798.54	15.67'	PC
		207	RP	"AR"	10+12.60	188.74'	3840120.13	1728869.98	N/A	
		208	SHLDR	"AR"	10+78.99	30.32'	3839948.39	1728867.11	15.50'	PRC
C11	34	209	SHLDR	"AR"	9+34.89	17.00'	3839962.96	1728716.14	15.79'	PC
		210	RP	"AR"	9+30.03	50.56'	3839933.17	1728700.14	N/A	
		211	SHLDR	"AR"	9+55.07	75.62'	3839901.17	1728711.06	16.30'	LOC - PT

SHEET G2 CONTROL POINT TABLE								
POINT #	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION	REMARKS
212	"AR"	8+55.36	55.26'	3840058.84	1728668.85	14.05'	DRWY	ME
213	"AR"	8+80.24	54.83'	3840049.44	1728691.88	14.05'	DRWY	ME

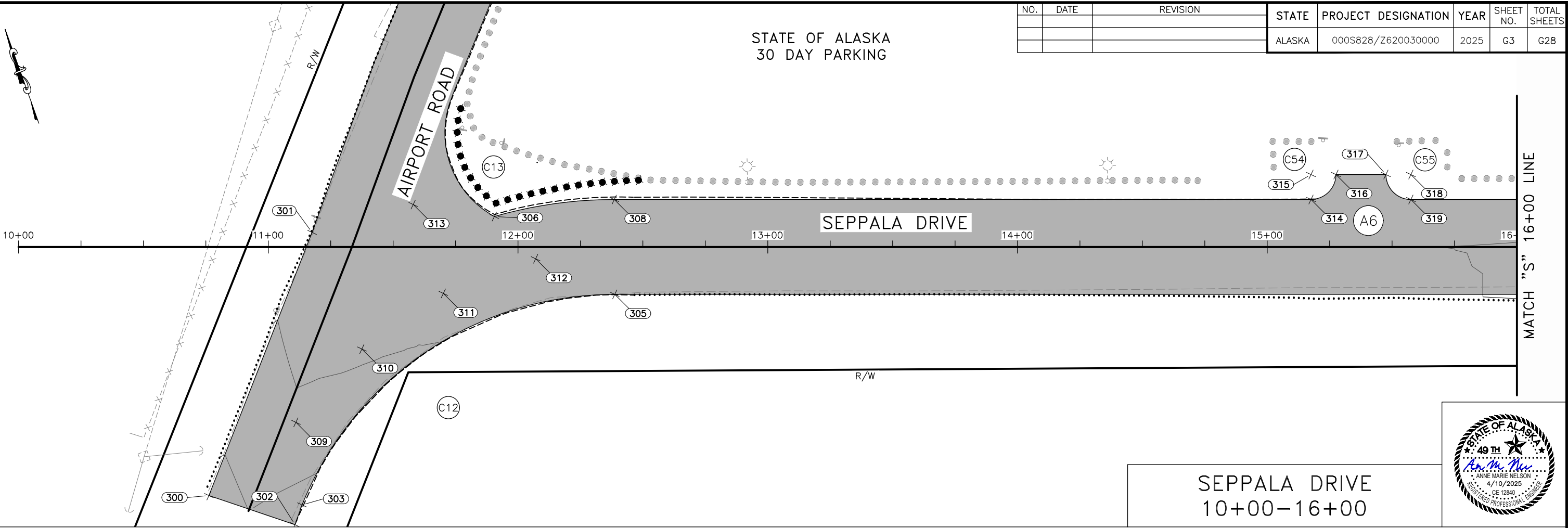


NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	G2	G28

- NOTE:
- SEE A-SHEETS FOR CENTERLINE CONTROL.
 - SEE SHEET G4 FOR ADDITIONAL VALLEY GUTTER POINTS AND DETECTABLE WARNING TILE POINTS.



PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\G3 Seppala Drive 10+00-16+00 Thu, Apr/10/25 01:38pm

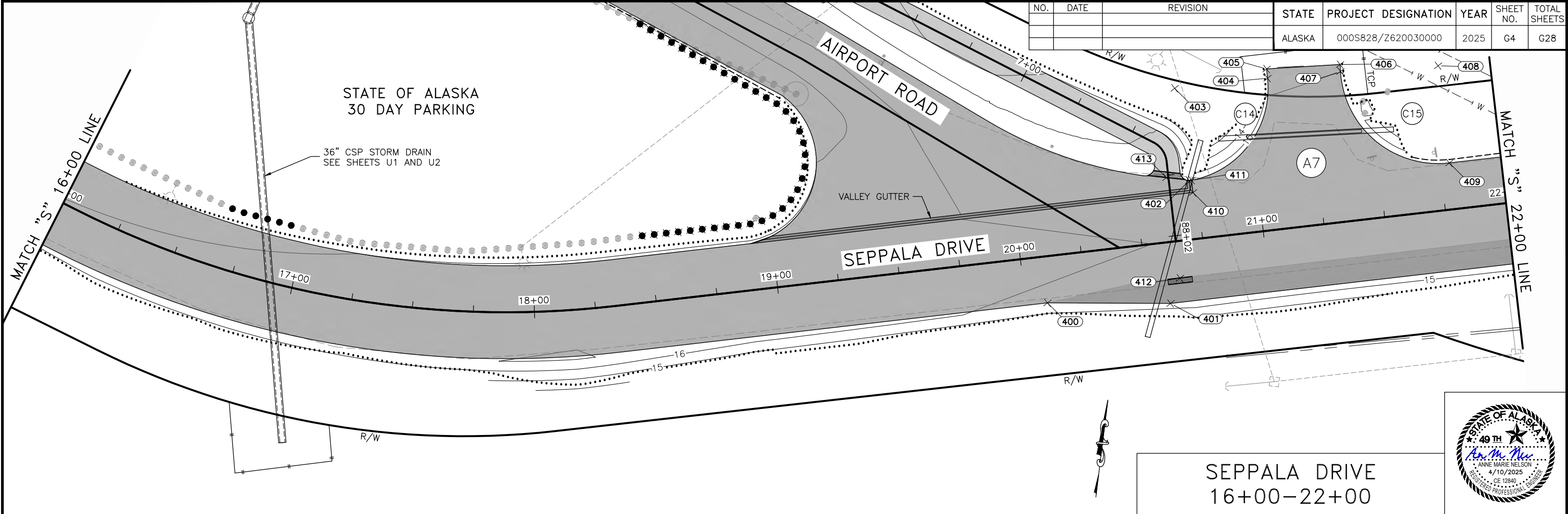


NOTE:
1. SEE A-SHEETS FOR CENTERLINE CONTROL.

G3 CURVE LAYOUT TABLE										
NO.	R (FT)	PT #	DESC	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	REMARKS
C12	135	303	SHLDR	"S"	11+13.50	103.28'	3839949.77	1727937.07	13.72'	PC
		304	RP	"S"	12+38.46	153.77'	3839860.13	1728037.71	N/A	
		305	SHLDR	"S"	12+38.74	19.00'	3839986.93	1728083.38	15.51'	PT
C13	173	306	SHLDR	"S"	11+90.52	12.20'	3840032.55	1728048.48	15.57'	PRC
		307	RP	"S"	12+38.46	153.77'	3839860.13	1728037.71	N/A	
		308	SHLDR	"S"	12+38.54	18.99'	3840022.77	1728095.99	15.57'	PT
C54	10	314	SHLDR	"S"	15+17.55	19.00'	3839928.79	1728358.69	15.60'	PC
		315	RP	"S"	15+17.55	29.00'	3839938.20	1728362.06	N/A	
		316	SHLDR	"S"	15+27.55	29.00'	3839934.83	1728371.47	15.48'	PT—ME
C55	10	317	SHLDR	"S"	15+47.55	29.00'	3839928.10	1728390.30	15.45'	PT—ME
		318	RP	"S"	15+57.54	29.00'	3839924.73	1728399.72	N/A	
		319	SHLDR	"S"	15+57.54	19.00'	3839915.31	1728396.35	15.61'	PC

SHEET G3 CONTROL POINT TABLE								
POINT #	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION	REMARKS
300	"S"	10+76.23	99.54'	3839965.85	1727903.23	13.68'	SHLDR	
301	"S"	11+17.52	5.84'	3840051.15	1727977.61	15.41'	SHLDR	
302	"S"	11+10.68	111.20'	3839943.26	1727931.74	13.59'	SHLDR	
309	"S"	11+11.04	70.21'	3839981.73	1727945.89	14.68'	FG	
310	"S"	11+37.47	40.86'	3840000.47	1727980.66	15.12'	FG	
311	"S"	11+70.08	18.60'	3840010.44	1728018.87	15.42'	FG	
312	"S"	12+07.06	4.72'	3840011.05	1728058.36	15.80'	FG	
313	"S"	11+58.01	17.01'	3840048.03	1728019.50	15.67'	FG	

PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C\5001cnst-17258FB-G4 Seppala Drive 16+00-22+00 Thu, Apr/10/25 01:38pm



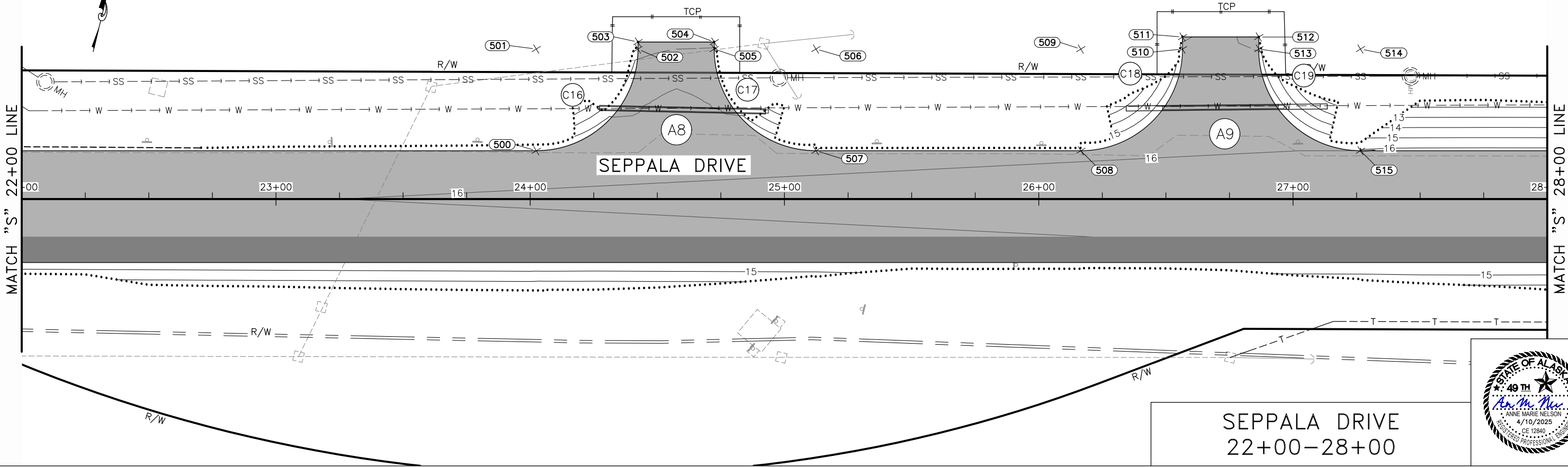
G4 CURVE LAYOUT TABLE										
NO.	R (FT)	PT #	DESC	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	REMARKS
C14	38	402	SHLDR	"S"	20+72.26	24.00'	3839948.70	1728885.93	15.45'	FL
		403	RP	"S"	20+70.71	62.19'	3839985.45	1728875.43	N/A	
		404	SHLDR	"S"	21+08.92	61.93'	3839994.19	1728912.63	14.80'	PT
C15	40	407	SHLDR	"S"	21+38.89	61.28'	3840000.62	1728941.91	14.99'	PC
		408	RP	"S"	21+78.82	59.00'	3840007.81	1728981.25	N/A	
		409	SHLDR	"S"	21+78.83	18.99'	3839968.93	1728990.68	15.47'	PT

SHEET G4 CONTROL POINT TABLE								
POINT #	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION	REMARKS
400	"S"	20+08.96	19.00'	3839892.00	1728834.54	15.85'	SHLDR	BEGIN TRANSITION
401	"S"	20+58.96	25.00'	3839897.94	1728884.55	15.29'	SHLDR	END TRANSITION
405	"S"	21+08.97	65.74'	3839997.91	1728911.78	14.68'	SHLDR	ME
406	"S"	21+39.05	64.09'	3840003.39	1728941.40	14.67'	SHLDR	ME-AP
410	"S"	20+73.26	19.00'	3839944.07	1728888.08	15.54'	LOC	
411	"S"	20+73.26	24.06'	3839948.99	1728886.89	15.54'	LOC	PRC
412	"S"	20+63.96	15.16'	3839908.68	1728887.09	15.65'	DWT	
413	"S"	20+63.13	26.32'	3839948.80	1728876.51	15.16'	DWT	

NOTE:
1. SEE A-SHEETS FOR CENTERLINE CONTROL.
2. SEE SHEET G2 FOR ADDITIONAL VALLEY GUTTER POINTS.

PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C5001cnst-17258FB-G5 Seppala Drive 22+00-28+00 Thu, Apr/10/25 01:38pm

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	G5	G28



G5 CURVE LAYOUT TABLE

NO.	R (FT)	PT #	DESC	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	REMARKS
C16	40	500	SHLDR	"S"	24+02.37	19.00'	3840021.58	1729207.93	15.70'	PC
		501	RP	"S"	24+02.37	59.00'	3840060.46	1729198.51	N/A	
		502	SHLDR	"S"	24+42.37	59.00'	3840069.88	1729237.39	13.86'	PT
C17	40	505	SHLDR	"S"	24+72.37	59.00'	3840076.94	1729266.54	14.02'	PC
		506	RP	"S"	25+12.37	59.00'	3840086.37	1729305.42	N/A	
		507	SHLDR	"S"	25+12.37	19.00'	3840047.49	1729314.84	15.81'	PT
C18	40	508	SHLDR	"S"	26+16.56	19.00'	3840072.03	1729416.10	15.91'	PC
		509	RP	"S"	26+16.55	59.00'	3840110.90	1729406.67	N/A	
		510	SHLDR	"S"	26+56.56	59.00'	3840120.32	1729445.55	15.08'	PT
C19	40	513	SHLDR	"S"	26+86.56	59.00'	3840127.39	1729474.71	14.97'	PC
		514	RP	"S"	27+26.56	59.00'	3840136.81	1729513.58	N/A	
		515	SHLDR	"S"	27+26.56	19.00'	3840097.94	1729523.00	16.01'	PT

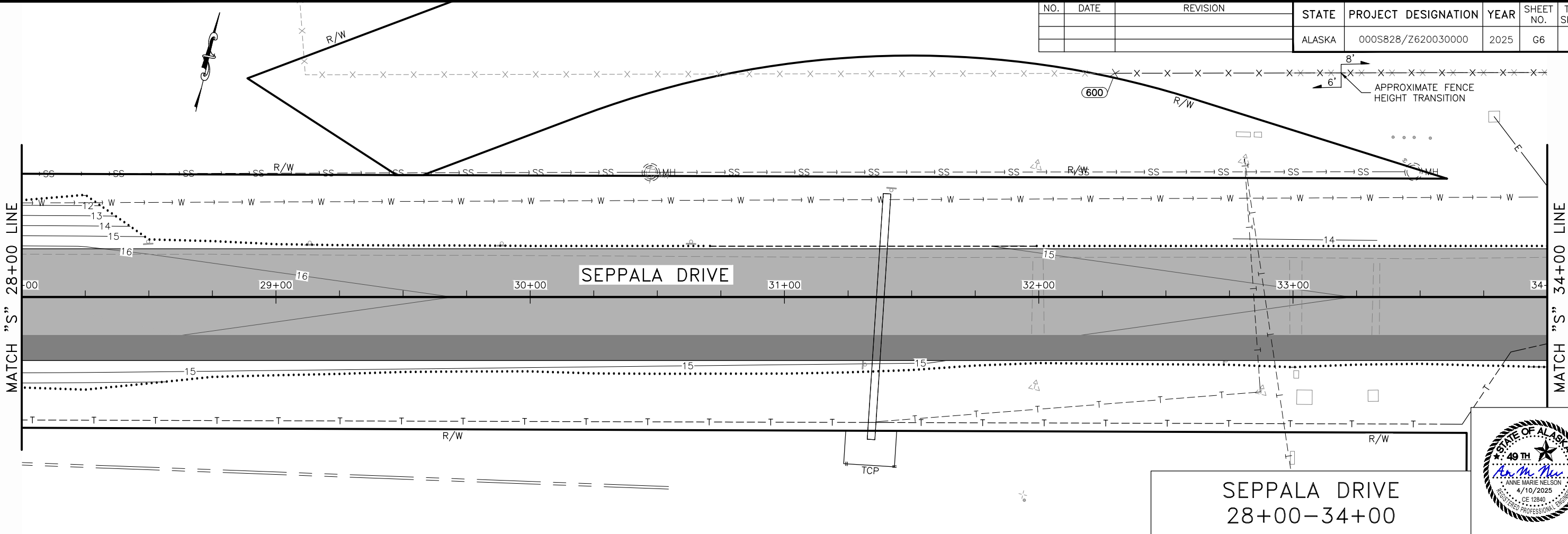
SHEET G5 CONTROL POINT TABLE

POINT #	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION	REMARKS
503	"S"	24+42.37	61.74'	3840072.54	1729236.74	13.85'	SHLDR	ME
504	"S"	24+72.37	61.73'	3840079.60	1729265.90	13.93'	SHLDR	ME
511	"S"	26+56.56	63.73'	3840124.92	1729444.44	14.95'	SHLDR	ME
512	"S"	26+86.56	63.73'	3840131.99	1729473.59	14.77'	SHLDR	ME

NOTE:
1. SEE A-SHEETS FOR CENTERLINE CONTROL.

PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C\5001cnst-17258FB-G6 Seppala Drive 28+00-34+00 Thu, Apr/10/25 01:38pm

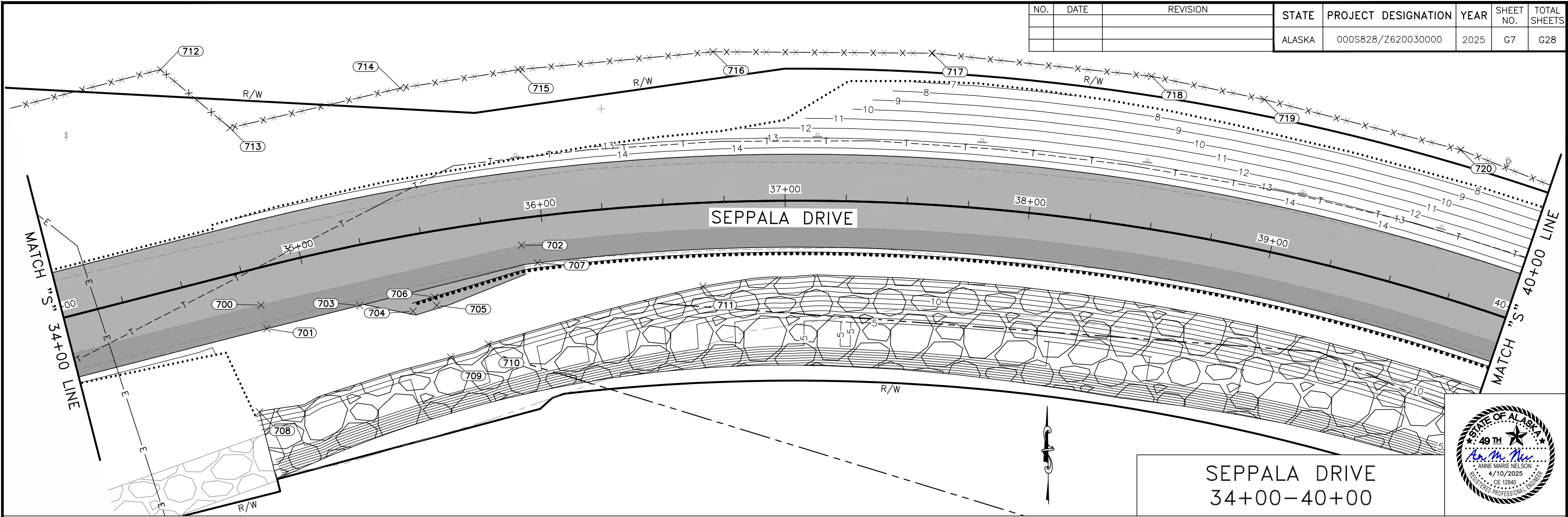
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	G6	G28



- NOTE:**
- SEE A-SHEETS FOR CENTERLINE CONTROL.
 - SEE T-SHEETS FOR AIRPORT SECURITY FENCE PHASING.
 - CONTRACTOR SHALL TRANSITION HEIGHT OF FENCE TO MATCH EXISTING OVER A DISTANCE NOT TO EXCEED 120".

SHEET G6 CONTROL POINT TABLE								
POINT #	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION	REMARKS
600	"S"	32+30.00	88.06'	3840283.62	1729996.02	13.00'	ME	FENCE

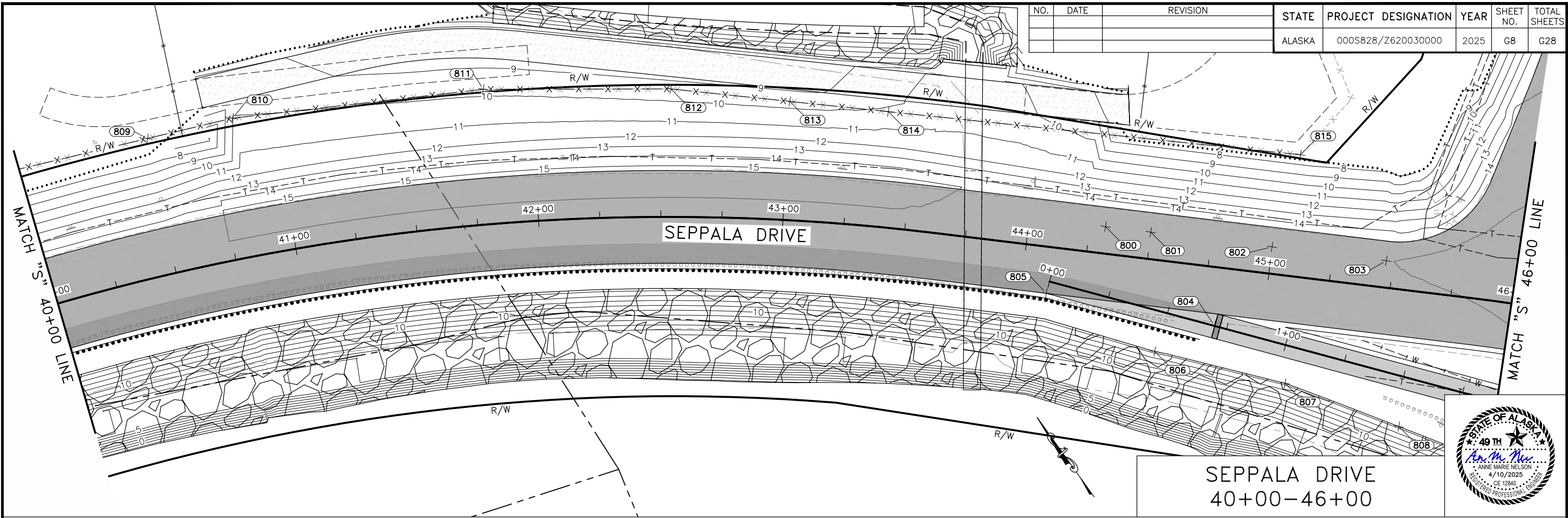
PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C\5001cnst-17258FB-G7 Seppala Drive 34+00-40+00 Thu, Apr/10/25 01:39pm



SHEET G7 CONTROL POINT TABLE								
POINT #	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION	REMARKS
700	"S"	34+79.42	15.00'	3840242.20	1730262.69	14.54'	EPW	BEGIN TRANSITION
701	"S"	34+79.41	25.00'	3840232.49	1730265.04	14.39'	SHLDR	
702	"S"	35+90.46	11.00'	3840265.29	1730369.67	14.62'	EPW	END TRANSITION
703	"S"	35+19.67	24.38'	3840241.46	1730303.15	14.42'	SHLDR	BEGIN TERMINAL WIDENING
704	"S"	35+41.25	30.83'	3840238.88	1730324.89	14.29'	SHLDR	
705	"S"	35+51.58	30.15'	3840241.17	1730334.63	14.24'	SHLDR	
706	"S"	35+51.31	26.66'	3840244.58	1730333.82	14.31'	SHLDR	
707	"S"	35+96.17	19.00'	3840257.96	1730376.14	14.51'	SHLDR	END WIDENING
708	"S"	34+68.04	57.23'	3840198.49	1730261.58	14.75'	RIPRAP	ME
709	"S"	35+53.79	52.04'	3840219.88	1730340.12	14.33'	RIPRAP	
710	"S"	35+70.86	49.21'	3840225.02	1730355.65	14.33'	RIPRAP	
711	"S"	36+64.86	34.16'	3840247.50	1730443.67	14.33'	RIPRAP	
712	"S"	34+63.58	88.49'	3840339.05	1730222.93	N/A	AP	FENCE
713	"S"	34+84.82	58.35'	3840314.83	1730251.01	N/A	AP	FENCE
714	"S"	35+51.92	59.91'	3840330.18	1730320.85	N/A	AP	FENCE
715	"S"	35+97.73	60.41'	3840337.09	1730369.23	N/A	AP	FENCE
716	"S"	36+72.78	61.53'	3840343.37	1730449.11	N/A	AP	FENCE
717	"S"	37+56.70	61.89'	3840341.61	1730538.73	N/A	AP	FENCE
718	"S"	38+41.13	61.80'	3840330.97	1730628.30	N/A	AP	FENCE
719	"S"	38+85.16	60.53'	3840320.91	1730674.24	N/A	AP	FENCE
720	"S"	39+62.97	59.87'	3840299.23	1730754.35	N/A	AP	FENCE

- NOTE:**
- SEE A-SHEETS FOR CENTERLINE CONTROL.
 - SEE B4 FOR RIPRAP DETAILS.
 - SEE T-SHEETS FOR AIRPORT SECURITY FENCE PHASING.

PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
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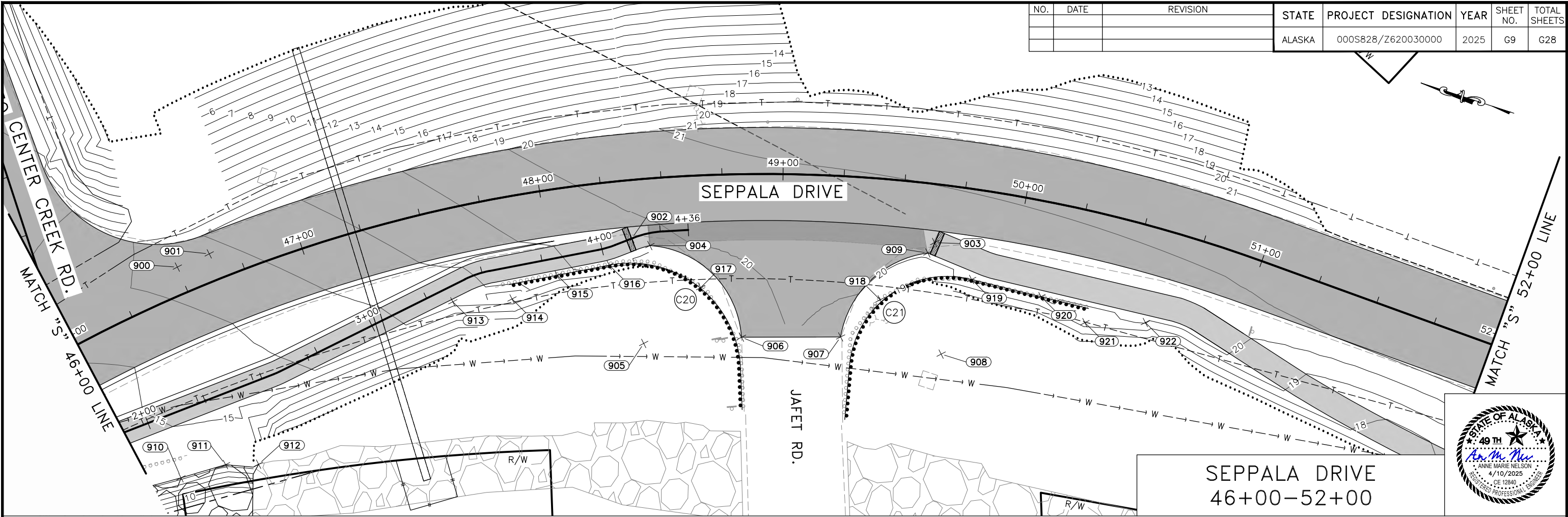


SHEET G8 CONTROL POINT TABLE

POINT #	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION	REMARKS
800	"S"	44+31.36	11.01'	3840006.16	1731138.44	14.62'	FG	GB
801	"S"	44+50.00	11.00'	3839993.55	1731152.17	14.62'	FG	GB
802	"S"	45+00.00	11.00'	3839959.74	1731189.00	14.62'	FG	GB
803	"S"	45+47.09	11.00'	3839927.89	1731223.69	14.96'	FG	GB
804	"S"	44+80.56	23.95'	3839947.14	1731151.04	14.39'	DWT	
805	"S"	44+10.62	18.99'	3839998.09	1731102.87	14.50'	SHLDR	
806	"S"	44+57.49	37.25'	3839952.94	1731125.05	14.33'	RIPRAP	
807	"S"	45+11.99	43.75'	3839911.29	1731160.81	14.33'	RIPRAP	
808	"S"	45+60.32	55.72'	3839869.79	1731188.32	14.33'	RIPRAP	
809	"S"	40+50.82	56.16'	3840263.84	1730840.95	N/A 68'	AP	FENCE
810	"S"	40+84.51	57.16'	3840250.29	1730874.11	N/A 68'	AP	FENCE
811	"S"	41+81.69	55.21'	3840200.14	1730964.32	N/A 97'	AP	FENCE
812	"S"	42+54.02	52.35'	3840155.57	1731026.73	N/A 44'	AP	FENCE
813	"S"	43+00.24	48.52'	3840123.04	1731063.31	N/A 62'	AP	FENCE
814	"S"	43+38.72	47.31'	3840096.15	1731093.64	N/A 57'	AP	FENCE
815	"S"	45+07.00	49.79'	3839983.58	1731220.39	N/A 48'	ME	FENCE

- NOTE:
- SEE A-SHEETS FOR CENTERLINE CONTROL.
 - SEE B4 FOR RIPRAP DETAILS.
 - SEE T-SHEETS FOR AIRPORT SECURITY FENCES PHASING

PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	G9	G28



SEPPALA DRIVE
46+00-52+00

- NOTE:**
- SEE A-SHEETS FOR CENTERLINE CONTROL.
 - SEE B4 FOR RIPRAP DETAILS.

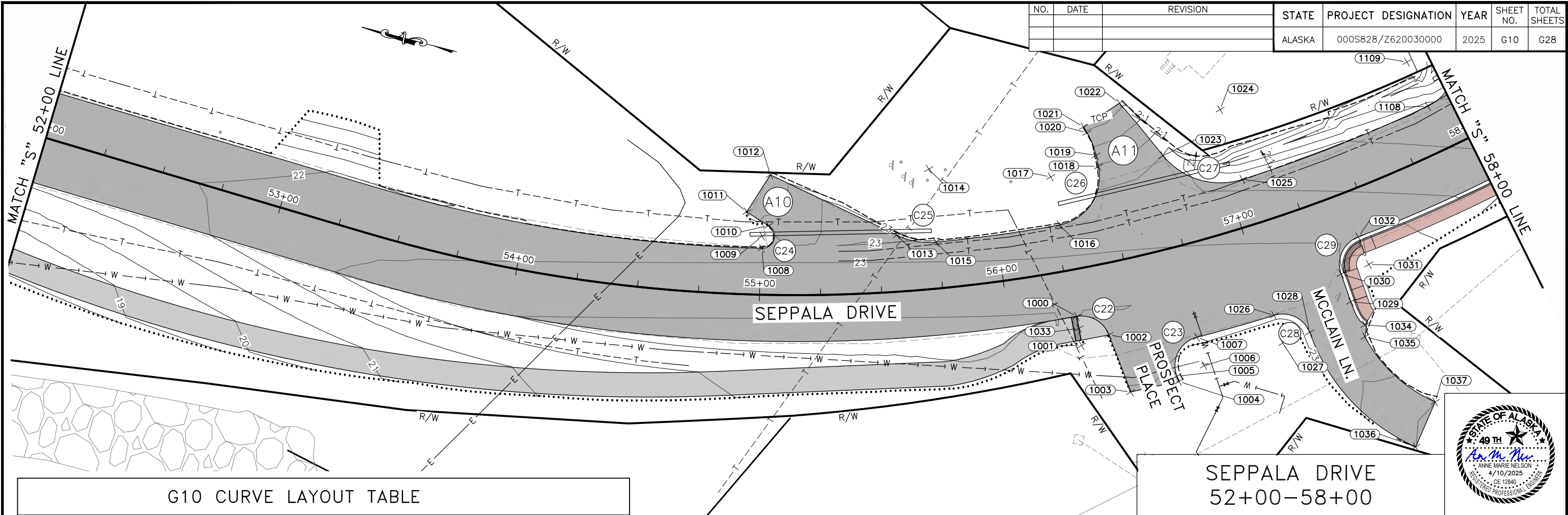
G9 CURVE LAYOUT TABLE

NO.	R (FT)	PT #	DESC	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	REMARKS
C20	40	904	SHLDR	"S"	48+43.21	27.39'	3839673.81	1731366.05	19.80'	PC
		905	RP	"S"	48+36.73	67.04'	3839663.80	1731327.23	N/A	
		906	SHLDR	"S"	48+81.85	66.68'	3839626.55	1731342.05	19.65'	PT - ME
C21	42	907	SHLDR	"S"	49+27.44	65.73'	3839588.02	1731354.71	19.83'	PC - ME
		908	RP	"S"	49+74.30	68.70'	3839546.76	1731360.77	N/A	
		909	SHLDR	"S"	49+62.73	28.37'	3839564.73	1731398.41	20.33'	PT

SHEET G9 CONTROL POINT TABLE

POINT #	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION	REMARKS
900	"S"	46+50.00	11.00'	3839854.87	1731297.81	16.46'	FG	GB
901	"S"	46+63.88	11.00'	3839844.13	1731306.99	16.79'	FG	GB
902	"S"	48+35.80	23.85'	3839681.72	1731366.53	19.76'	DWT	
903	"S"	49+65.08	23.81'	3839563.41	1731403.32	20.47'	DWT	
910	"S"	46+13.39	67.85'	3839826.74	1731216.34	14.33'	RIPRAP	
911	"S"	46+34.58	70.87'	3839811.10	1731227.10	14.33'	RIPRAP	
912	"S"	46+48.75	76.20'	3839798.28	1731231.45	8.53'	RIPRAP	ME
913	"S"	47+55.19	37.68'	3839743.33	1731319.24	17.58'	GB	
914	"S"	47+80.82	41.52'	3839720.66	1731327.85	17.68'	GB	
915	"S"	48+02.03	35.06'	3839706.07	1731342.79	18.71'	GB	
916	"S"	48+24.99	33.76'	3839687.11	1731353.29	19.26'	GB	
917	"S"	48+64.15	45.89'	3839648.70	1731356.14	19.16'	GB	
918	"S"	49+44.05	49.41'	3839577.35	1731374.16	19.34'	GB	
919	"S"	49+83.02	36.69'	3839544.36	1731393.67	20.15'	GB	
920	"S"	50+14.14	38.61'	3839515.21	1731395.78	20.19'	GB	
921	"S"	50+35.49	45.04'	3839494.83	1731391.23	19.55'	GB	
922	"S"	50+61.18	38.62'	3839471.32	1731398.94	20.10'	GB	

PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
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G10 CURVE LAYOUT TABLE

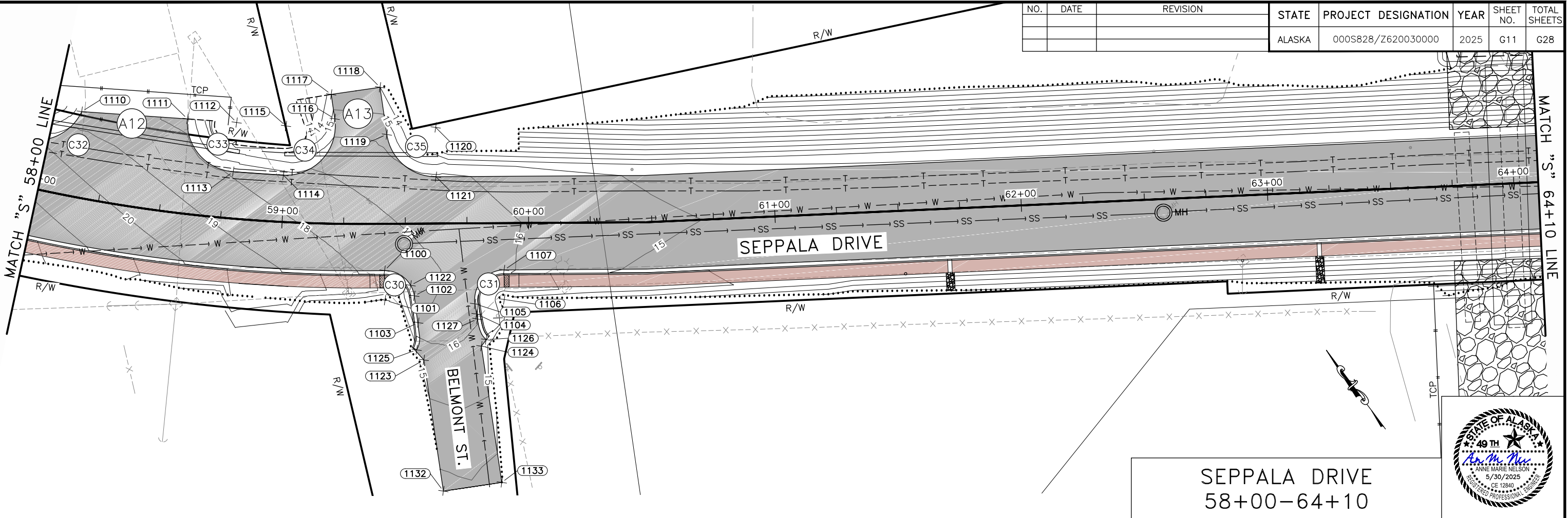
NO.	R (FT)	PT #	DESC	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	REMARKS
C22	12	1000	SHLDR	"S"	56+27.00	19.11'	3838907.33	1731470.16	23.90'	PC
		1001	RP	"S"	56+26.76	31.11'	3838902.49	1731459.18	N/A	
		1002	SHLDR	"S"	56+38.02	28.98'	3838892.75	1731466.18	23.85'	PT
C23	12	1005	SHLDR	"S"	56+60.19	51.49'	3838861.50	1731456.85	22.67'	PC
		1006	RP	"S"	56+71.19	50.00'	3838851.75	1731463.85	N/A	
		1007	SHLDR	"S"	56+71.19	38.00'	3838857.58	1731474.34	23.47'	PRC
C24	5	1008	SHLDR	"S"	55+00.53	19.00'	3839039.05	1731464.59	22.76'	PC
		1009	RP	"S"	55+00.54	24.00'	3839040.19	1731469.46	N/A	
		1010	SHLDR	"S"	55+03.15	28.33'	3839038.76	1731474.25	23.46'	PT
C25	30	1013	SHLDR	"S"	55+57.93	23.09'	3838986.87	1731483.75	22.58'	PC
		1014	RP	"S"	55+73.99	49.00'	3838981.17	1731513.20	N/A	
		1015	SHLDR	"S"	55+74.00	19.00'	3838970.87	1731485.03	22.64'	PT
C26	30	1016	SHLDR	"S"	56+26.72	19.00'	3838923.67	1731504.59	22.43'	PC
		1017	RP	"S"	56+26.72	39.00'	3838932.11	1731522.73	N/A	
		1018	SHLDR	"S"	56+48.06	39.34'	3838914.28	1731531.78	23.89'	PT
C27	30	1023	SHLDR	"S"	56+76.60	37.40'	3838889.78	1731542.74	22.98'	PC
		1024	RP	"S"	57+06.36	48.98'	3838871.99	1731566.90	N/A	
		1025	SHLDR	"S"	57+06.35	18.98'	3838855.96	1731541.54	21.79'	PT
C28	12	1026	SHLDR	"S"	57+02.05	38.00'	3838829.37	1731490.95	23.21'	PRC
		1027	RP	"S"	57+02.10	49.85'	3838823.05	1731480.92	N/A	
		1028	SHLDR	"S"	57+13.05	49.07'	3838813.49	1731487.92	23.40'	PT
C29	12	1030	LOC	"S"	57+31.81	30.73'	3838807.10	1731514.27	23.06'	PC - END CATCH
		1031	RP	"S"	57+43.24	31.00'	3838797.14	1731520.96	N/A	
		1032	LOC	"S"	57+43.25	19.00'	3838804.14	1731530.71	22.88'	PRC - BEGIN SPILL

SHEET G10 CONTROL POINT TABLE

POINT #	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION	REMARKS
1003	"S"	56+41.90	53.68'	3838878.14	1731445.84	22.67'	SHLDR	ME
1004	"S"	56+60.46	53.78'	3838860.16	1731454.97	22.44'	SHLDR	ME
1011	"S"	54+93.62	33.69'	3839048.79	1731477.42	24.71'	SHLDR	ME
1012	"S"	55+03.54	49.12'	3839043.28	1731494.55	24.71'	SHLDR	ME
1019	"S"	56+48.07	44.03'	3838916.40	1731535.96	24.53'	SHLDR	PC
1020	"S"	56+46.27	53.81'	3838922.29	1731543.94	25.99'	SHLDR	R=525'
1021	"S"	56+45.25	56.48'	3838924.32	1731545.91	26.31'	SHLDR	ME
1022	"S"	56+63.55	62.63'	3838912.49	1731559.00	26.26'	SHLDR	ME
1029	"S"	57+31.67	42.73'	3838800.40	1731504.31	23.35'	LOC	BEGIN TERMINATION
1033	"S"	56+27.02	24.05'	3838905.23	1731465.69	23.83'	DWT	
1034	"S"	57+33.65	53.61'	3838792.45	1731496.59	23.79'	LOC	END TERMINATION - BEGIN CATCH
1035	"S"	57+32.12	58.20'	3838791.20	1731491.87	23.70'	SHLDR	PT
1036	"S"	57+35.62	107.65'	3838759.68	1731453.56	24.78'	SHLDR	ME
1037	"S"	57+47.63	93.32'	3838756.66	1731473.33	25.24'	SHLDR	ME
1038	"S"	56+64.82	63.51'	3838911.90	1731560.32	26.36'	FL	BEGIN DITCH
1039	"S"	56+80.14	39.63'	3838888.00	1731546.31	22.93'	FL	PC
1040	"S"	57+03.00	27.18'	3838863.05	1731546.77	19.68'	FL	PT
1041	"S"	57+05.82	27.20'	3838860.78	1731548.22	19.35'	FL	

- NOTE:**
- SEE A-SHEETS FOR CENTERLINE CONTROL.
 - CURB SHALL FOLLOW ROAD PROFILE VIA TYPICAL SECTION EXCEPT AS CALLED OUT.

PLANS DEVELOPED BY: RESPEC. CERT. OF AUTHORIZATION NO.: AECC 163270, 2700, GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
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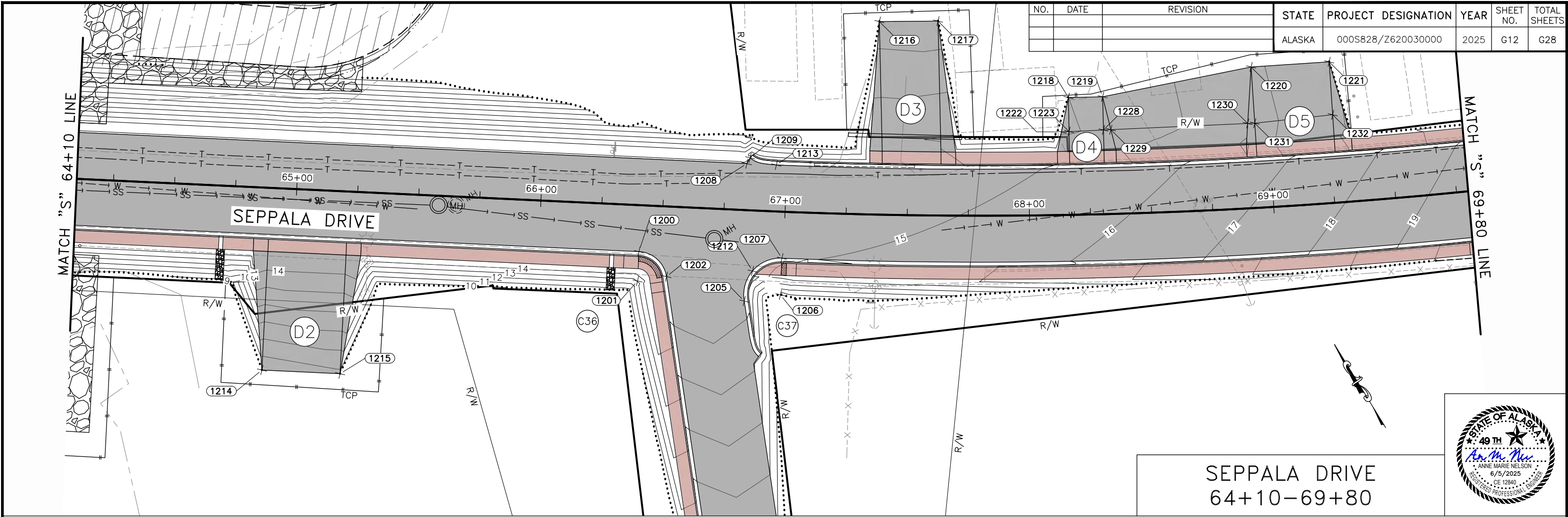


SHEET G11 CONTROL POINT TABLE (CONTINUATION)								
POINT #	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION	REMARKS
	"S"	0+00.00	0.00'			'		
	"S"	0+00.00	0.00'			'		
1103	"S"	59+55.01	40.17'	3838635.01	1731672.39	16.58'	LOC	BEGIN TERMINATION
1104	"S"	59+78.66	36.82'	3838623.63	1731693.39	15.87'	LOC	
1117	"S"	59+18.83	52.46'	3838730.31	1731699.67	14.46'	SHLDR	ME
1118	"S"	59+40.07	55.43'	3838720.74	1731717.24	14.03'	SHLDR	ME
1122	"S"	59+51.99	25.01'	3838648.99	1731678.98	17.69'	LOC	END SPILL
1123	"S"	59+57.18	55.33'	3838621.53	1731665.11	15.65'	SHLDR	PT
1124	"S"	59+80.54	49.89'	3838612.01	1731687.13	15.37'	SHLDR	PT
1125	"S"	59+54.29	51.20'	3838626.57	1731665.25	15.56'	LOC	END TERMINATION
1126	"S"	59+82.48	47.22'	3838613.00	1731690.27	15.48'	LOC	END TERMINATION – BEGIN CATCH
1127	"S"	59+78.98	38.84'	3838621.82	1731692.45	15.80'	LOC	BEGIN TERMINATION
1132	"S"	59+64.78	108.59'	3838574.20	1731639.54	13.79'	SHLDR	ME
1133	"S"	59+88.49	105.21'	3838562.80	1731660.62	13.41'	SHLDR	ME

- NOTE:
- SEE A-SHEETS FOR CENTERLINE CONTROL.
 - CURB SHALL FOLLOW ROAD PROFILE VIA TYPICAL SECTION EXCEPT AS CALLED OUT.

G11 CURVE LAYOUT TABLE										
NO.	R (FT)	PT #	DESC	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	REMARKS
C30	12	1100	LOC	"S"	59+41.47	18.97'	3838660.10	1731674.11	17.70'	PC
		1101	RP	"S"	59+41.58	30.97'	3838650.39	1731667.06	N/A	
		1102	LOC	"S"	59+53.46	29.28'	3838644.68	1731677.62	17.65'	PT
C31	12	1105	LOC	"S"	59+78.07	32.71'	3838627.29	1731695.36	16.01'	PC
		1106	RP	"S"	59+89.95	31.00'	3838621.60	1731705.93	N/A	
		1107	LOC	"S"	59+89.95	19.01'	3838631.24	1731713.06	16.17'	PT
C32	20	1108	SHLDR	"S"	57+90.56	19.00'	3838790.15	1731589.73	20.18'	PC – SHOWN ON SHEET G10
		1109	RP	"S"	57+90.56	39.00'	3838803.03	1731605.03	N/A	SHOWN ON SHEET G10
		1110	SHLDR	"S"	58+11.29	34.56'	3838785.41	1731614.49	18.61'	PT – ME
C33	20	1111	SHLDR	"S"	58+56.81	38.37'	3838757.31	1731647.04	17.78'	PC – ME
		1112	RP	"S"	58+78.13	38.99'	3838744.18	1731662.13	N/A	
		1113	SHLDR	"S"	58+78.50	18.99'	3838729.04	1731649.06	17.89'	PT
C34	20	1114	SHLDR	"S"	58+99.54	19.00'	3838715.71	1731664.50	17.36'	PC
		1115	RP	"S"	58+99.54	39.00'	3838731.07	1731677.31	N/A	
		1116	SHLDR	"S"	59+20.60	42.58'	3838721.51	1731694.88	15.33'	PT
C35	20	1119	SHLDR	"S"	59+42.74	36.24'	3838703.73	1731707.97	15.74'	PC
		1120	RP	"S"	59+62.55	39.01'	3838694.17	1731725.54	N/A	
		1121	SHLDR	"S"	59+62.55	19.00'	3838678.09	1731713.64	16.25'	PT

PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
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G12 CURVE LAYOUT TABLE

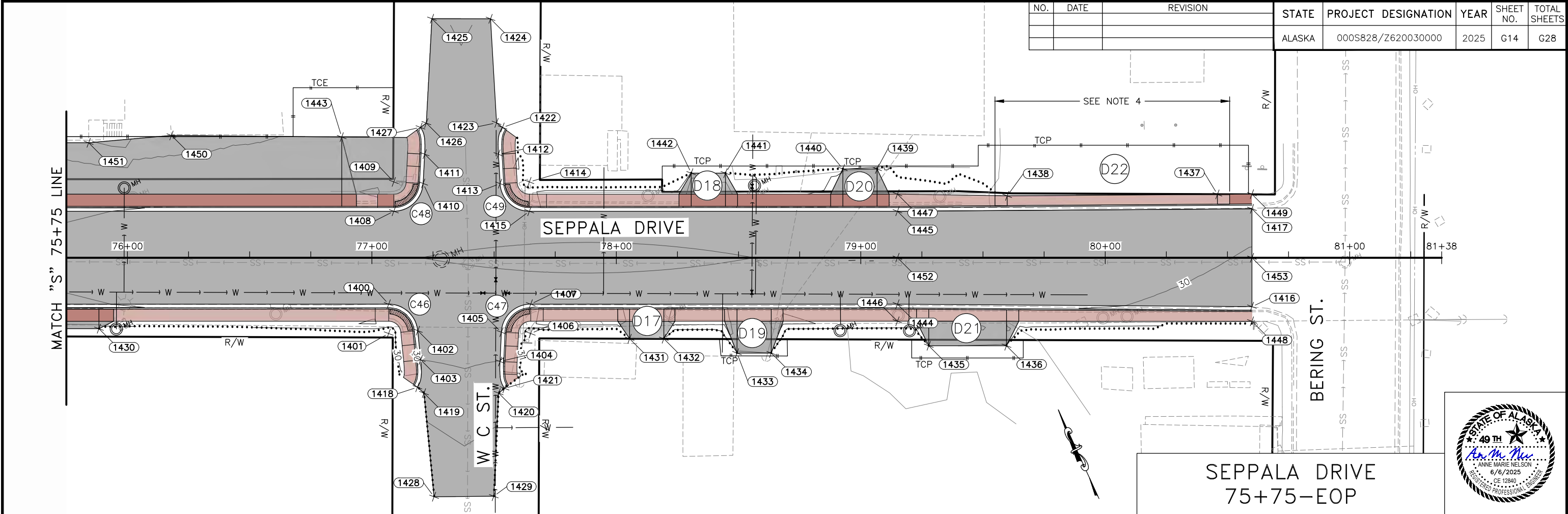
NO.	R (FT)	PT #	DESC	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	REMARKS
C36	12	1200	LOC	"S"	66+41.02	19.00'	3838262.33	1732250.38	14.35'	PRC
		1201	RP	"S"	66+41.02	31.00'	3838252.41	1732243.62	N/A	
		1202	LOC	"S"	66+52.80	28.69'	3838247.69	1732254.65	14.38'	PT
C37	15	1205	LOC	"S"	66+85.04	37.18'	3838222.51	1732276.51	14.34'	
		1206	RP	"S"	66+99.47	34.00'	3838216.93	1732290.43	N/A	
		1207	LOC	"S"	66+99.47	19.00'	3838229.38	1732298.80	14.95'	BEGIN SPILL

SHEET G12 CONTROL POINT TABLE

POINT #	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION	REMARKS
1204	"S"	66+87.80	51.23'	3838209.33	1732270.91	13.68'	LOC	BEGIN TERMINATION
1208	"S"	66+83.47	19.00'	3838269.82	1732306.86	14.12'	SHLDR	PT
1209	"S"	66+84.69	21.43'	3838271.14	1732309.24	13.97'	LOC	END TERMINATION
1211	"S"	66+91.79	59.59'	3838200.11	1732269.61	13.25'	LOC	END TERMINATION – BEGIN CATCH
1212	"S"	66+87.81	24.77'	3838231.19	1732285.80	14.88'	LOC	END CATCH
1213	"S"	66+95.65	19.00'	3838263.03	1732316.86	14.14'	LOC	BEGIN TERMINATION
1214	"S"	64+89.24	74.57'	3838301.88	1732093.66	8.20'	DRWY	ME
1215	"S"	65+21.24	74.58'	3838283.85	1732120.10	8.77'	DRWY	ME
1216	"S"	67+36.91	78.97'	3838290.91	1732383.48	12.80'	DRWY	ME
1217	"S"	67+61.87	79.53'	3838278.52	1732404.00	12.78'	DRWY	ME
1218	"S"	68+16.83	48.00'	3838223.92	1732433.06	15.00'	DRWY	ME
1219	"S"	68+31.17	48.00'	3838216.86	1732445.14	15.21'	DRWY	ME
1220	"S"	68+94.02	57.68'	3838195.42	1732503.27	16.79'	DRWY	ME
1221	"S"	69+26.97	57.70'	3838180.48	1732531.57	17.71'	DRWY	ME
1222	"S"	68+13.65	34.00'	3838213.46	1732423.26	14.93'	GB	
1223	"S"	68+16.84	34.09'	3838211.94	1732426.00	14.93'	GB	
1228	"S"	68+31.16	34.41'	3838205.11	1732438.31	15.14'	GB	
1229	"S"	68+34.25	34.47'	3838203.64	1732440.97	15.15'	GB	
1230	"S"	68+91.27	34.68'	3838176.46	1732489.97	16.73'	GB	
1231	"S"	68+94.20	34.65'	3838175.06	1732492.50	16.73'	GB	
1232	"S"	69+26.82	36.00'	3838161.29	1732521.45	17.60'	GB	

- NOTE:
- SEE A-SHEETS FOR CENTERLINE CONTROL.
 - CURB SHALL FOLLOW ROAD PROFILE VIA TYPICAL SECTION EXCEPT AS CALLED OUT.

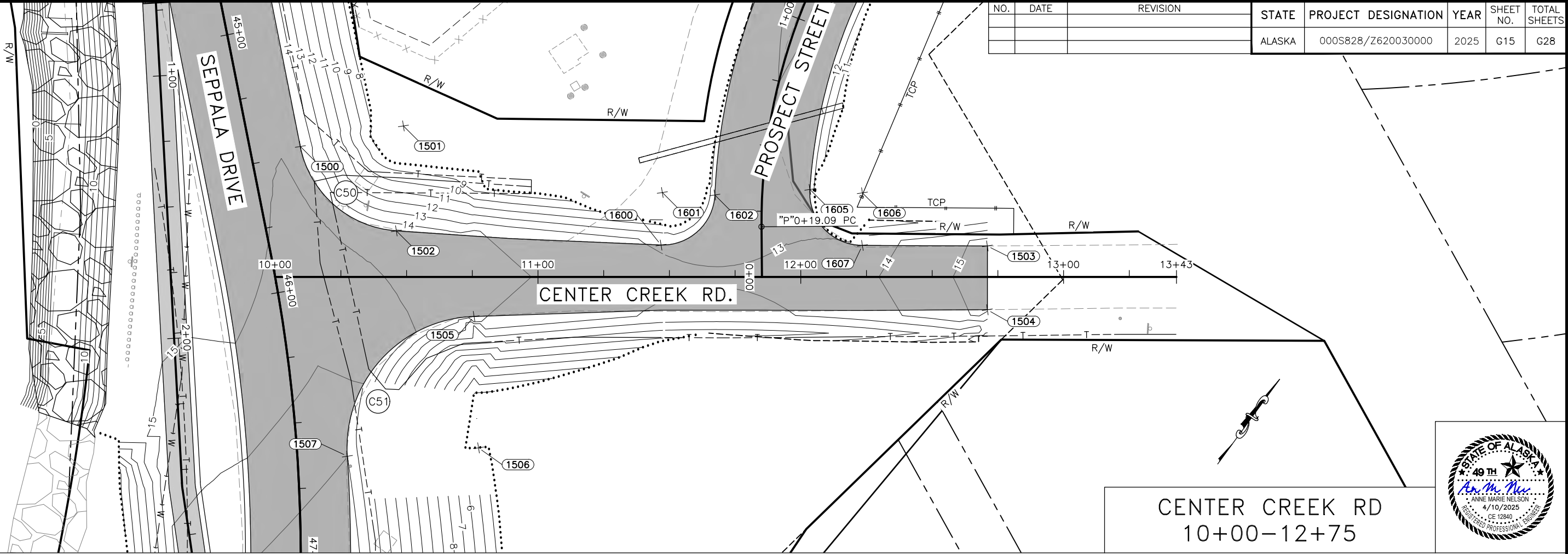
PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
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- NOTE:**
- SEE SHEET G20 FOR CONTROL POINT TABLE.
 - SEE A-SHEETS FOR CENTERLINE CONTROL.
 - CURB SHALL FOLLOW ROAD PROFILE VIA TYPICAL SECTION EXCEPT AS CALLED OUT.
 - CONTRACTOR SHALL SAWCUT EXISTING ASPHALT AND CONCRETE AT EXISTING ROW AND TIE INTO THE EXISTING FROM BACK OF SIDEWALK WITH CONCRETE. THIS WORK SHALL BE MEASURED AND PAID AS 608.001.006 CONCRETE SIDEWALK, 6 INCHES THICK. NO SAWCUTS SHALL BE ALLOWED OUTSIDE THE RIGHT OF WAY BETWEEN STATION 78+00 TO 80+75 LEFT WITHOUT WRITTEN PERMISSION FROM NANUAQ, LLC., THROUGH THE ENGINEER.

G14 CURVE LAYOUT TABLE										
NO.	R (FT)	PT #	DESC	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	REMARKS
C46	12	1400	LOC	"S"	77+06.85	19.00'	3837785.37	1733205.28	30.57'	PC
		1401	RP	"S"	77+06.84	31.00'	3837774.46	1733200.28	N/A	
		1402	LOC	"S"	77+18.79	29.83'	3837770.56	1733211.63	30.48'	PT
C47	12	1405	LOC	"S"	77+52.98	30.46'	3837755.76	1733242.46	30.60'	PC
		1406	RP	"S"	77+64.97	31.01'	3837750.27	1733253.14	N/A	
		1407	LOC	"S"	77+64.97	19.00'	3837761.19	1733258.13	30.74'	PT
C48	12	1408	LOC	"S"	77+08.97	19.00'	3837819.04	1733223.02	30.58'	PC
		1409	RP	"S"	77+08.97	31.00'	3837829.96	1733228.01	N/A	
		1410	LOC	"S"	77+20.95	30.36'	3837824.39	1733238.64	30.48'	PT
C49	12	1413	LOC	"S"	77+52.44	30.31'	3837811.24	1733267.25	30.59'	PC
		1414	RP	"S"	77+64.43	31.01'	3837806.89	1733278.44	N/A	
		1415	LOC	"S"	77+64.42	18.99'	3837795.97	1733273.44	30.74'	PT

PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C5001cnst-17258FB-Center Creek Rd 10+00-12+75 Thu, Apr/10/25 01:40pm



G15 CURVE LAYOUT TABLE

NO.	R (FT)	PT #	DESC	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	REMARKS
C50	40	1500	SHLDR	"C"	10+09.57	49.64'	3839933.78	1731229.10	14.78'	PC
		1501	RP	"C"	10+48.80	57.46'	3839963.25	1731256.15	N/A	
		1502	SHLDR	"C"	10+46.10	17.54'	3839929.44	1731277.54	14.70'	PT
C51	50	1505	SHLDR	"C"	10+75.68	15.06'	3839920.60	1731320.66	14.09'	PC
		1506	RP	"C"	10+77.38	65.03'	3839881.27	1731351.54	N/A	
		1507	SHLDR	"C"	10+27.48	68.21'	3839849.24	1731313.15	17.00'	PT

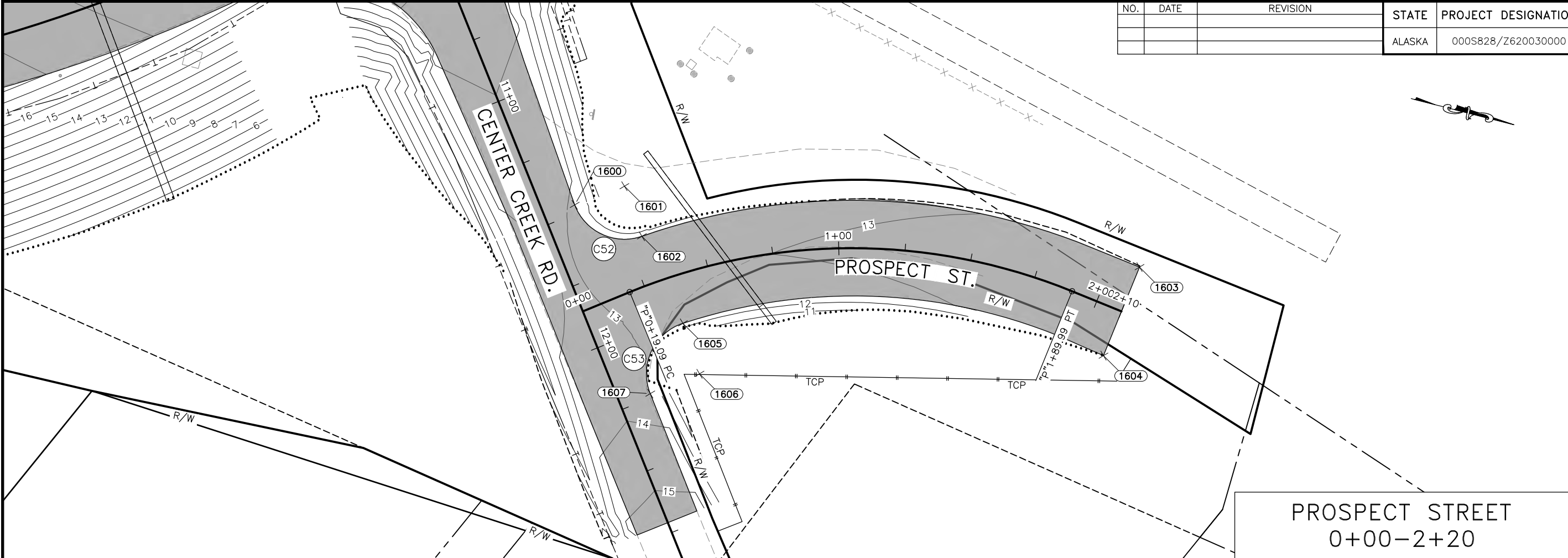
SHEET G15 CONTROL POINT TABLE

POINT #	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION	REMARKS
1503	"C"	12+71.00	11.79'	3840057.60	1731462.44	15.36'	SHLDR	ME
1504	"C"	12+71.00	12.48'	3840038.01	1731476.77	15.19'	SHLDR	ME

NOTE:
1. SEE A-SHEETS FOR CENTERLINE CONTROL.

PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C\5001cnst-17258FB-Prospect Street 0+00-2+20 Thu, Apr/10/25 01:40pm

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	G16	G28



PROSPECT STREET
0+00-2+20



G16 CURVE LAYOUT TABLE

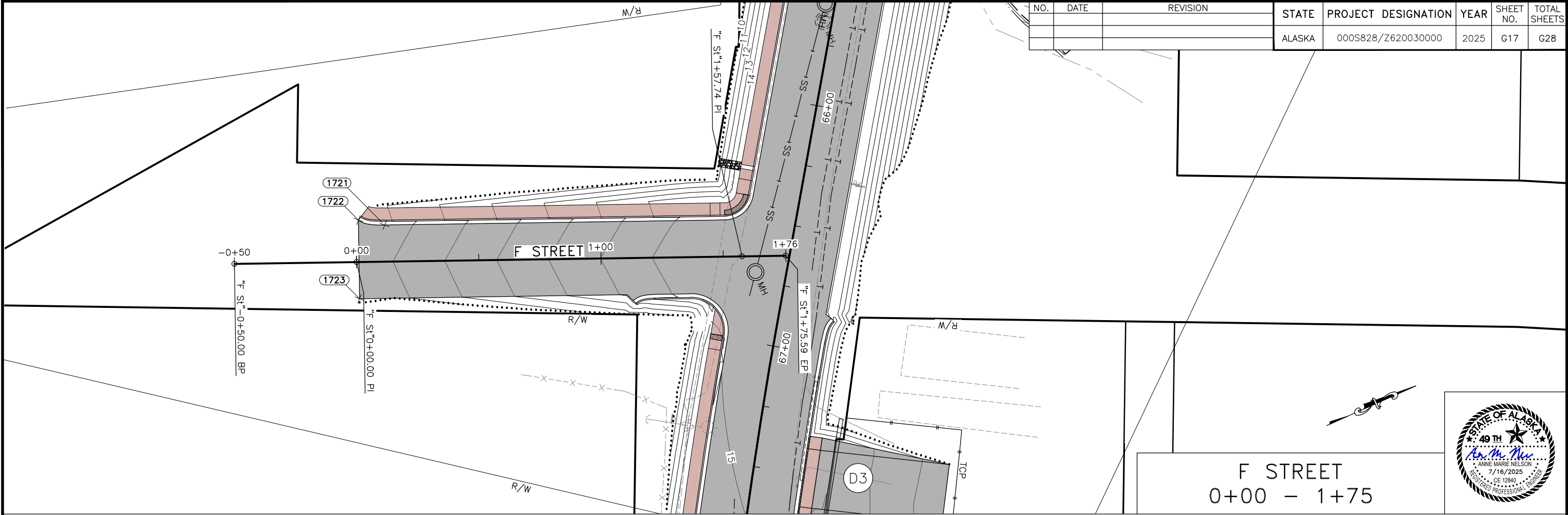
NO.	R (FT)	PT #	DESC	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	REMARKS
C52	20	1600	SHLDR	"P"	0+12.43	38.27'	3839984.56	1731362.04	12.94'	PC
		1601	RP	"P"	0+30.47	37.99'	3840000.98	1731350.61	N/A	
		1602	SHLDR	"P"	0+30.41	18.00'	3840012.02	1731367.28	12.44'	PRC
C53	20	1605	SHLDR	"P"	0+34.42	18.04'	3840035.09	1731395.25	12.51'	PRC
		1606	RP	"P"	0+34.35	38.04'	3840045.83	1731412.12	N/A	
		1607	SHLDR	"P"	0+11.71	38.32'	3840029.69	1731423.93	13.57'	PC

SHEET G16 CONTROL POINT TABLE

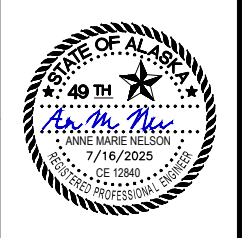
POINT #	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION	REMARKS
1603	"P"	2+10.08	18.00'	3840196.53	1731332.30	13.47'	SHLDR	ME
1604	"P"	2+10.08	18.00'	3840191.60	1731367.96	13.47'	SHLDR	ME

NOTE:
1. SEE A-SHEETS FOR CENTERLINE CONTROL.

PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258fb-seppala\C5001cnst-17258fb-F Street Wed, Jul/16/25 08:18am



NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	G17	G28

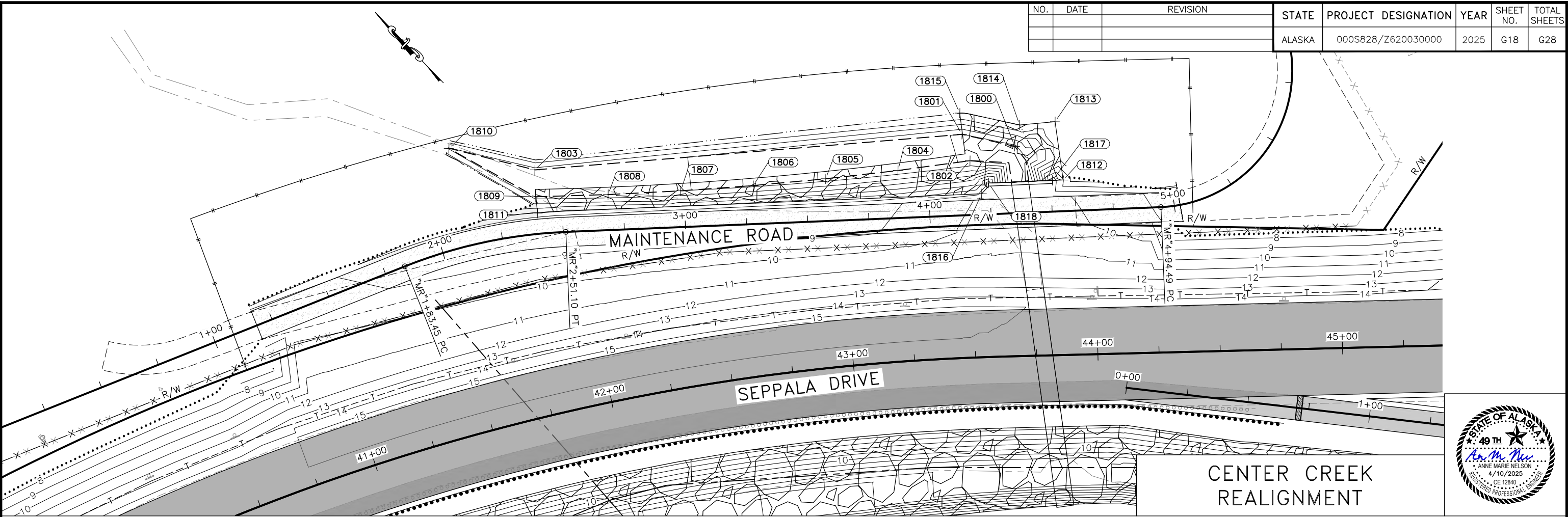


F STREET
0+00 – 1+75

SHEET G17 CONTROL POINT TABLE								
POINT #	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION	REMARKS
1721	"S"	66+79.64	165.15'	3838119.81	1732199.98	8.46'	LOC	BEGIN TERMINATION
1722	"S"	66+79.55	176.11'	3838110.80	1732193.73	8.00'	LOC	END TERMINATION – ME
1723	"S"	67+09.21	170.04'	3838098.14	1732223.35	8.04'	SHLDR	ME

- NOTE:**
- SEE A-SHEETS FOR CENTERLINE CONTROL.
 - CURB SHALL FOLLOW ROAD PROFILE VIA TYPICAL SECTION EXCEPT AS CALLED OUT.

PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB- Seppala\C\5001cnst-17258FB-Center Creek Thu, Apr/10/25 01:41pm

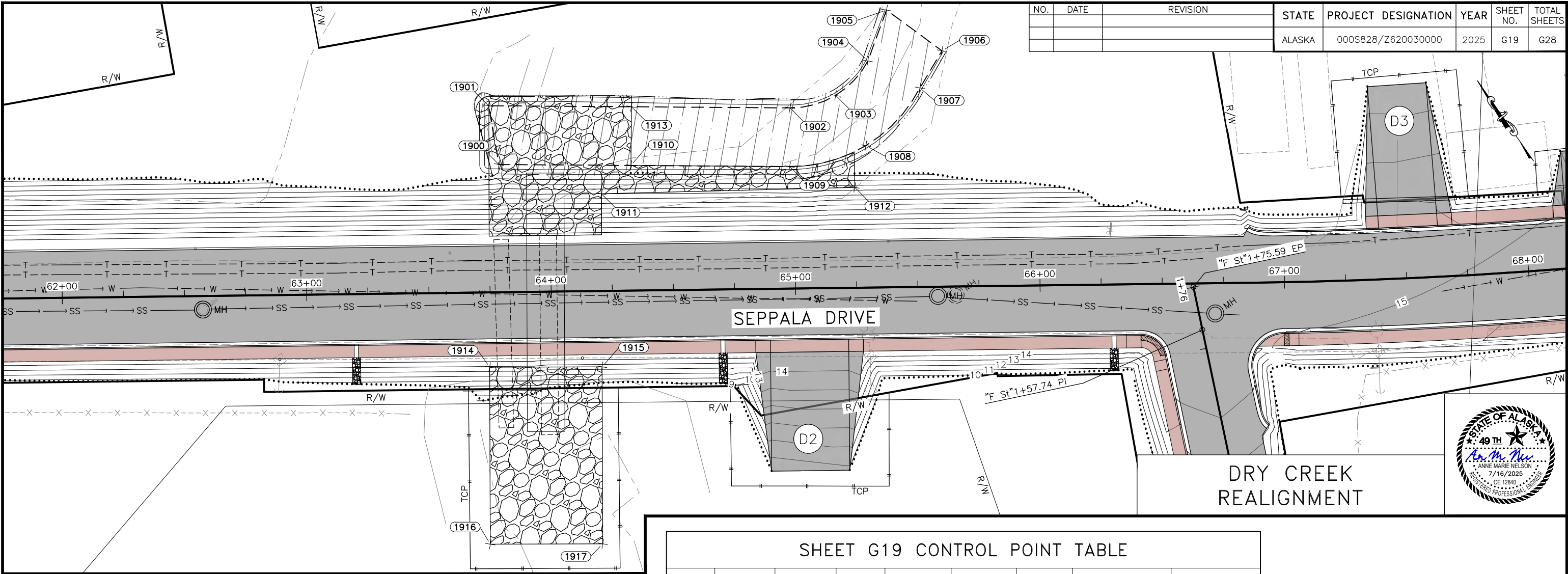


SHEET G18 CONTROL POINT TABLE

POINT #	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION	REMARKS
1800	"S"	43+68.19	85.84'	3840104.01	1731142.52	1.30'	BOTTOM OF CREEK	
1801	"S"	43+48.15	91.38'	3840122.49	1731130.40	1.55'	BOTTOM OF CREEK	
1802	"S"	43+50.75	80.52'	3840112.49	1731125.29	1.55'	BOTTOM OF CREEK	
1803	"S"	41+89.71	99.38'	3840233.32	1730994.73	3.51'	BOTTOM OF CREEK	
1804	"S"	43+23.52	78.05'	3840130.06	1731101.31	1.88'	BOTTOM OF CREEK	
1805	"S"	42+96.17	77.11'	3840148.13	1731077.70	2.20'	BOTTOM OF CREEK	
1806	"S"	42+68.80	77.70'	3840166.69	1731054.48	2.53'	BOTTOM OF CREEK	
1807	"S"	42+41.53	79.82'	3840185.74	1731031.66	2.86'	BOTTOM OF CREEK	
1808	"S"	42+14.48	83.46'	3840205.27	1731009.25	3.18'	BOTTOM OF CREEK	
1809	"S"	41+87.75	88.59'	3840225.26	1730987.25	3.51'	BOTTOM OF CREEK	
1810	"S"	41+60.97	115.98'	3840264.02	1730975.53	3.99'	BOTTOM OF CREEK	
1811	"S"	41+87.21	81.90'	3840219.87	1730983.25	7.18'	EDGE OF RIPRAP	
1812	"S"	43+87.60	71.58'	3840080.37	1731147.17	8.02'	EDGE OF RIPRAP	
1813	"S"	43+84.89	95.47'	3840099.81	1731161.34	5.77'	EDGE OF RIPRAP	
1814	"S"	43+70.39	94.51'	3840108.91	1731150.00	5.77'	EDGE OF RIPRAP	
1815	"S"	43+47.63	100.08'	3840129.38	1731135.76	0.00'	EDGE OF RIPRAP	
1816	"S"	43+54.69	66.81'	3840099.45	1731119.29	8.84'	EDGE OF RIPRAP	
1817	"S"	43+83.20	71.51'	3840083.29	1731143.88	9.52'	TOW	TOP OF HEADWALL
1818	"S"	43+57.43	71.09'	3840100.64	1731124.35	9.52'	TOW	TOP OF HEADWALL

- NOTE:**
- SEE A-SHEETS FOR CENTERLINE CONTROL.
 - SEE SHEET B4 FOR CREEK SECTION DETAIL AND SHEET B2 FOR MAINTENANCE ROAD TYPICAL SECTION.
 - SEE E-SHEETS FOR CULVERT AND GRATE DETAILS.

PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258fb-seppala\C5001cnst-17258fb-Dry Creek Wed, Jul/16/25 08:21am



NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	G19	G28



SHEET G19 CONTROL POINT TABLE								
POINT #	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION	REMARKS
1900	"S"	63+79.31	52.26'	3838468.60	1732074.25	-0.91'	BOTTOM OF CREEK	
1901	"S"	63+75.32	76.34'	3838490.74	1732084.51	-0.88'	BOTTOM OF CREEK	
1902	"S"	64+98.65	73.91'	3838419.28	1732185.06	-0.59'	BOTTOM OF CREEK	
1903	"S"	65+17.34	78.79'	3838412.78	1732203.25	-0.49'	BOTTOM OF CREEK	
1904	"S"	65+30.73	92.71'	3838416.75	1732222.15	-0.38'	BOTTOM OF CREEK	
1905	"S"	65+38.62	113.42'	3838429.42	1732240.34	-0.30'	BOTTOM OF CREEK	ME
1906	"S"	65+61.09	96.49'	3838402.77	1732249.37	-0.30'	BOTTOM OF CREEK	ME
1907	"S"	65+51.89	81.40'	3838395.48	1732233.27	-0.38'	BOTTOM OF CREEK	
1908	"S"	65+29.48	58.08'	3838388.84	1732201.61	-0.48'	BOTTOM OF CREEK	
1909	"S"	64+98.18	49.91'	3838399.72	1732171.15	-0.59'	BOTTOM OF CREEK	
1910	"S"	64+33.24	51.19'	3838437.35	1732118.21	-0.86'	BOTTOM OF CREEK	EDGE OF RIPRAP
1911	"S"	64+21.09	39.75'	3838434.74	1732101.73	5.00'	EDGE OF RIPRAP	
1912	"S"	65+24.71	41.07'	3838377.47	1732188.10	4.42'	EDGE OF RIPRAP	
1913	"S"	64+33.79	75.19'	3838456.86	1732132.18	-0.86'	BOTTOM OF CREEK	EDGE OF RIPRAP
1914	"S"	63+74.44	30.58'	3838402.89	1732023.57	12.86'	EDGE OF RIPRAP	
1915	"S"	64+20.44	31.01'	3838376.63	1732061.34	12.52'	EDGE OF RIPRAP	
1916	"S"	63+73.78	102.97'	3838343.44	1731982.26	0.00'	EDGE OF RIPRAP	ME
1917	"S"	64+19.78	103.39'	3838317.19	1732020.03	0.00'	EDGE OF RIPRAP	ME

- NOTE:
1. SEE A-SHEETS FOR CENTERLINE CONTROL.
 2. SEE SHEET B4 FOR CREEK SECTION DETAIL.
 3. SEE E-SHEETS FOR CULVERT DETAILS.

PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17259FB-Seppala\C5001cnst-17259FB-CPT (1 of 1).Thu, Apr/10/25 01:43pm

SHEET G13 CONTROL POINT TABLE								
POINT #	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION	REMARKS
1303	"S"	69+98.03	37.65'	3838063.67	1732552.58	20.87'	LOC	BEGIN TERMINATION – BEGIN CATCH
1304	"S"	70+35.82	40.46'	3838045.03	1732586.15	22.26'	LOC	BEGIN TERMINATION
1311	"S"	70+00.75	44.94'	3838137.18	1732590.34	20.00'	LOC	BEGIN TERMINATION
1319	"S"	73+61.60	42.42'	3837907.71	1732881.58	28.06'	LOC	BEGIN TERMINATION
1320	"S"	73+98.38	41.61'	3837893.14	1732915.37	28.20'	LOC	BEGIN TERMINATION
1324	"S"	69+96.23	25.00'	3838075.89	1732556.34	20.37'	LOC	END SPILL
1325	"S"	69+96.19	48.57'	3838054.61	1732546.20	21.28'	LOC	END TERMINATION
1326	"S"	69+98.59	54.30'	3838048.38	1732545.97	21.32'	SHLDR	
1327	"S"	69+98.68	56.93'	3838045.96	1732544.93	21.33'	SHLDR	ME
1328	"S"	70+33.19	57.10'	3838030.99	1732576.84	22.32'	SHLDR	ME
1329	"S"	70+33.54	54.87'	3838032.87	1732578.08	22.33'	SHLDR	
1330	"S"	70+36.40	51.53'	3838034.72	1732582.07	22.35'	LOC	END TERMINATION – BEGIN SPILL
1332	"S"	71+03.41	19.00'	3838036.42	1732656.54	19.00'	LOC	BEGIN CATCH
1333	"S"	70+00.17	56.21'	3838147.61	1732594.63	20.31'	LOC	END TERMINATION
1334	"S"	70+39.13	53.23'	3838128.85	1732628.14	21.02'	LOC	END TERMINATION – BEGIN CATCH
1335	"S"	70+37.55	42.26'	3838119.53	1732622.14	21.63'	LOC	BEGIN TERMINATION – END CATCH
1336	"S"	70+38.02	35.28'	3838112.99	1732619.66	21.51'	LOC	BEGIN SPILL
1337	"S"	70+39.99	24.97'	3838102.79	1732617.16	21.51'	LOC	END SPILL
1338	"S"	73+59.82	53.36'	3837898.50	1732875.41	27.99'	LOC	END TERMINATION
1339	"S"	73+99.17	52.23'	3837883.16	1732911.67	28.15'	LOC	END TERMINATION
1341	"S"	73+64.10	19.00'	3837962.52	1732909.41	28.37'	LOC	
1342	"S"	73+97.57	19.01'	3837948.60	1732939.85	28.73'	LOC	
1346	"S"	73+64.77	42.32'	3837983.45	1732919.72	28.63'	LOC	BEGIN TERMINATION
1347	"S"	73+63.07	53.27'	3837994.12	1732922.73	29.46'	LOC	END TERMINATION
1348	"S"	73+96.61	42.00'	3837969.91	1732948.54	29.01'	LOC	BEGIN TERMINATION
1349	"S"	73+98.23	53.28'	3837979.49	1732954.71	29.08'	LOC	END TERMINATION
1356	"S"	73+52.12	21.00'	3837969.32	1732899.35	28.24'	TBC	
1357	"S"	73+62.10	30.46'	3837973.77	1732912.36	28.37'	TBC	
1358	"S"	74+09.53	21.00'	3837945.44	1732951.55	28.85'	TBC	
1359	"S"	73+99.57	30.20'	3837957.95	1732946.32	28.94'	TBC	
1360	"S"	71+23.29	40.52'	3838008.58	1732665.67	25.12'	DRWY	ME
1361	"S"	71+43.29	40.52'	3838000.26	1732683.86	26.44'	DRWY	ME
1362	"S"	71+64.93	37.99'	3837993.55	1732704.58	27.19'	DRWY	ME
1363	"S"	71+84.93	37.99'	3837985.24	1732722.77	26.07'	DRWY	ME
1364	"S"	72+23.23	42.25'	3837965.43	1732755.82	27.48'	DRWY	ME
1365	"S"	72+43.23	42.25'	3837957.11	1732774.01	27.35'	DRWY	ME
1366	"S"	74+83.35	38.01'	3837861.07	1732994.14	30.01'	DRWY	ME
1367	"S"	75+03.46	38.01'	3837852.71	1733012.42	29.20'	DRWY	ME
1368	"S"	75+68.22	29.01'	3837833.94	1733075.05	29.90'	DRWY	ME
1369	"S"	75+15.59	47.00'	3837924.96	1733058.81	31.17'	DRWY	ME
1370	"S"	72+69.10	31.00'	3838012.96	1732828.01	27.68'	DRWY	ME
1371	"S"	72+55.10	31.00'	3838018.78	1732815.28	27.12'	DRWY	ME
1372	"S"	72+29.47	33.85'	3838032.03	1732793.16	26.66'	DRWY	ME
1373	"S"	72+15.47	33.85'	3838037.86	1732780.43	26.37'	DRWY	ME
1374	"S"	71+45.93	29.38'	3838062.72	1732715.33	25.13'	DRWY	ME
1375	"S"	71+31.93	29.30'	3838068.48	1732702.57	24.80'	DRWY	ME
1376	"S"	70+84.98	38.67'	3838096.53	1732663.78	23.30'	DRWY	ME
1377	"S"	70+70.98	38.59'	3838102.28	1732651.01	22.66'	DRWY	ME

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	G20	G28

SHEET G14 CONTROL POINT TABLE								
POINT #	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION	REMARKS
1403	"S"	77+19.97	41.77'	3837759.21	1733207.74	30.00'	LOC	BEGIN TERMINATION
1404	"S"	77+52.43	42.44'	3837745.09	1733236.98	29.98'	LOC	BEGIN TERMINATION
1411	"S"	77+21.60	42.34'	3837835.02	1733244.21	30.42'	LOC	BEGIN TERMINATION
1412	"S"	77+51.74	42.28'	3837822.42	1733271.60	30.50'	LOC	BEGIN TERMINATION
1416	"S"	80+60.03	20.00'	3837637.52	1733526.03	29.56'	LOC	ME
1417	"S"	80+60.01	20.00'	3837673.91	1733542.65	30.15'	LOC	ME
1418	"S"	77+18.63	52.95'	3837749.60	1733201.87	29.37'	LOC	END TERMINATION
1419	"S"	77+21.30	55.35'	3837746.30	1733203.30	29.35'	SHLDR	PT
1420	"S"	77+51.84	55.37'	3837733.58	1733231.06	29.41'	SHLDR	PT
1421	"S"	77+54.26	53.42'	3837734.34	1733234.08	29.43'	LOC	END TERMINATION
1422	"S"	77+53.43	53.27'	3837831.71	1733277.71	30.41'	LOC	END TERMINATION
1423	"S"	77+50.99	55.15'	3837834.43	1733276.27	30.38'	SHLDR	PT
1424	"S"	77+48.52	97.69'	3837874.15	1733291.72	30.85'	SHLDR	ME
1425	"S"	77+24.56	97.72'	3837884.14	1733269.94	30.85'	SHLDR	ME
1426	"S"	77+22.27	55.04'	3837846.29	1733250.11	30.38'	SHLDR	PT
1427	"S"	77+19.88	53.29'	3837845.69	1733247.20	30.36'	LOC	END TERMINATION
1428	"S"	77+25.44	97.74'	3837706.03	1733189.43	28.55'	SHLDR	ME
1429	"S"	77+49.86	97.51'	3837696.09	1733211.73	28.56'	SHLDR	ME
1430	"S"	75+88.32	29.01'	3837825.58	1733093.33	29.80'	DRWY	ME
1431	"S"	78+05.42	33.13'	3837731.51	1733289.04	30.16'	DRWY	ME
1432	"S"	78+19.42	33.13'	3837725.69	1733301.77	30.05'	DRWY	ME
1433	"S"	78+49.36	39.01'	3837707.89	1733326.55	29.91'	DRWY	ME
1434	"S"	78+63.36	39.01'	3837702.07	1733339.28	29.99'	DRWY	ME
1435	"S"	79+27.81	36.00'	3837677.99	1733399.13	30.03'	DRWY	ME
1436	"S"	79+59.61	36.00'	3837664.76	1733428.05	29.95'	DRWY	ME
1437	"S"	80+45.93	25.31'	3837685.15	1733532.28	30.31'	SDWK	BEGIN 1% CROSS SLOPE
1438	"S"	79+59.90	25.31'	3837720.39	1733453.83	30.39'	SDWK	END 1% CROSS SLOPE
1439	"S"	79+06.66	36.29'	3837752.53	1733409.98	30.72'	DRWY	ME
1440	"S"	78+92.66	36.29'	3837758.35	1733397.25	31.06'	DRWY	ME
1441	"S"	78+44.64	34.58'	3837776.77	1733352.86	31.12'	DRWY	ME
1442	"S"	78+30.64	34.58'	3837782.59	1733340.13	31.04'	DRWY	ME
1443	"S"	76+87.64	49.32'	3837855.49	1733216.24	30.78'	DRWY	ME
1444	"S"	79+15.00	19.00'	3837698.77	1733394.56	30.34'	LOC	AP
1445	"S"	79+15.00	19.00'	3837733.33	1733410.37	30.34'	LOC	AP
1446	"S"	79+15.00	26.00'	3837692.41	1733391.65	30.81'	SDWK	AP
1447	"S"	79+15.00	26.00'	3837739.69	1733413.28	30.81'	SDWK	AP
1448	"S"	80+60.01	26.00'	3837632.08	1733523.51	30.27'	SDWK	ME
1449	"S"	80+60.01	26.00'	3837679.36	1733545.15	30.02'	SDWK	ME
1450	"S"	76+18.00	50.00'	3837885.08	1733153.19	31.47'	DRWY	ME
1451	"S"	75+84.11	47.00'	3837896.45	1733121.13	31.89'	DRWY	ME
1452	"S"	79+15.00	26.00'	3837716.05	1733402.47	30.72'	FG	BEGIN CROWN TRANSITION
1453	"S"	80+60.02	26.00'	3837655.72	1733534.34	29.85'	FG	ME

CONTROL POINT TABLES
(1 OF 1)



PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C5001cnst-17258FB-Point Tables (1 of 1) Thu, Apr/10/25 01:43pm

SHEET G1 BOLLARD TABLE						
POINT NO.	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	DESCRIPTION
2000	"AR"	1+80.57	21.91	3840077.77	1728050.38	BOL
2001	"AR"	1+75.80	22.54	3840073.70	1728047.81	BOL
2002	"AR"	1+71.16	23.85	3840069.30	1728045.85	BOL
2003	"AR"	1+66.77	25.81	3840064.66	1728044.54	BOL
2004	"AR"	1+62.70	28.38	3840059.89	1728043.92	BOL
2005	"AR"	1+59.04	31.51	3840055.08	1728043.99	BOL
2006	"AR"	1+55.87	35.14	3840050.32	1728044.75	BOL
2007	"AR"	1+53.26	39.18	3840045.73	1728046.19	BOL
2008	"AR"	1+51.25	43.56	3840041.38	1728048.27	BOL
2009	"AR"	1+49.90	48.18	3840037.39	1728050.96	BOL
2010	"AR"	1+52.75	52.08	3840037.09	1728055.77	BOL
2011	"AR"	1+55.51	56.04	3840036.68	1728060.58	BOL
2012	"AR"	1+58.19	60.06	3840036.17	1728065.39	BOL
2013	"AR"	1+60.77	64.13	3840035.55	1728070.17	BOL
2014	"AR"	1+63.27	68.27	3840034.82	1728074.95	BOL
2015	"AR"	1+65.67	72.46	3840033.99	1728079.70	BOL
2016	"AR"	1+67.98	76.70	3840033.05	1728084.44	BOL
2017	"AR"	1+70.19	80.99	3840032.01	1728089.15	BOL
2018	"AR"	1+72.31	85.33	3840030.86	1728093.84	BOL
2019	"AR"	1+74.33	89.71	3840029.61	1728098.50	BOL
2020	"AR"	1+76.25	94.14	3840028.26	1728103.14	BOL
2021	"AR"	1+78.07	98.61	3840026.80	1728107.74	BOL
2022	"AR"	2+51.05	21.28	3840128.35	1728095.00	BOL
2023	"AR"	2+57.24	21.43	3840131.54	1728098.94	BOL
2024	"AR"	2+63.44	21.56	3840134.53	1728103.04	BOL
2025	"AR"	2+69.65	21.68	3840137.31	1728107.27	BOL
2026	"AR"	2+75.86	21.79	3840139.88	1728111.64	BOL
2027	"AR"	2+82.09	21.88	3840142.23	1728116.13	BOL
2028	"AR"	2+88.31	21.95	3840144.35	1728120.74	BOL
2029	"AR"	2+94.55	22.01	3840146.24	1728125.44	BOL
2030	"AR"	3+00.78	22.05	3840147.89	1728130.23	BOL
2031	"AR"	3+07.02	22.07	3840149.31	1728135.10	BOL
2032	"AR"	3+13.26	22.08	3840150.48	1728140.03	BOL
2033	"AR"	3+19.50	22.07	3840151.40	1728145.01	BOL
2034	"AR"	3+25.73	22.04	3840152.08	1728150.04	BOL
2035	"AR"	3+31.97	22.00	3840152.50	1728155.09	BOL
2036	"AR"	3+38.20	21.94	3840152.68	1728160.15	BOL
2037	"AR"	3+44.43	21.86	3840152.60	1728165.22	BOL
2038	"AR"	3+50.65	21.77	3840152.27	1728170.28	BOL
2039	"AR"	3+56.86	21.66	3840151.69	1728175.31	BOL
2040	"AR"	3+63.07	21.54	3840150.86	1728180.31	BOL
2041	"AR"	3+70.70	21.20	3840149.78	1728185.26	BOL

SHEET G2 BOLLARD TABLE						
POINT NO.	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	DESCRIPTION
2042	"AR"	8+69.37	18.77	3839984.76	1728655.11	BOL
2043	"AR"	8+74.35	18.94	3839982.80	1728659.69	BOL
2044	"AR"	8+79.33	19.11	3839980.84	1728664.27	BOL
2045	"AR"	8+84.31	19.29	3839978.87	1728668.85	BOL
2046	"AR"	8+89.29	19.46	3839976.91	1728673.43	BOL
2047	"AR"	8+94.27	19.63	3839974.95	1728678.01	BOL
2048	"AR"	8+99.25	19.80	3839972.99	1728682.59	BOL
2049	"AR"	9+04.23	19.97	3839971.03	1728687.17	BOL
2050	"AR"	9+09.21	20.14	3839969.06	1728691.75	BOL
2051	"AR"	9+14.19	20.31	3839967.10	1728696.33	BOL
2052	"AR"	9+19.17	20.48	3839965.14	1728700.91	BOL
2053	"AR"	9+24.15	20.65	3839963.18	1728705.49	BOL
2054	"AR"	9+29.13	20.83	3839961.21	1728710.07	BOL
2055	"AR"	9+34.98	21.01	3839959.26	1728714.61	BOL
2056	"AR"	9+39.85	21.80	3839956.57	1728718.76	BOL
2057	"AR"	9+44.51	23.45	3839953.19	1728722.35	BOL
2058	"AR"	9+48.78	25.92	3839949.21	1728725.28	BOL
2059	"AR"	9+52.54	29.12	3839944.77	1728727.43	BOL
2060	"AR"	9+55.66	32.95	3839940.01	1728728.75	BOL
2061	"AR"	9+58.04	37.28	3839935.09	1728729.19	BOL
2062	"AR"	9+59.59	41.97	3839930.17	1728728.73	BOL
2063	"AR"	9+60.27	46.86	3839925.42	1728727.39	BOL
2064	"AR"	9+60.06	51.79	3839920.99	1728725.21	BOL
2065	"AR"	9+58.96	56.60	3839917.02	1728722.27	BOL
2066	"AR"	9+57.01	61.14	3839913.65	1728718.66	BOL
2067	"AR"	9+54.27	65.25	3839910.99	1728714.50	BOL
2068	"AR"	9+50.84	68.79	3839909.13	1728709.93	BOL
2069	"AR"	9+46.91	71.80	3839907.95	1728705.13	BOL
2070	"AR"	9+42.96	74.77	3839906.82	1728700.31	BOL
2071	"AR"	9+39.01	77.74	3839905.69	1728695.50	BOL
2072	"AR"	9+31.57	80.66	3839904.55	1728690.69	BOL
2073	"AR"	9+27.50	83.46	3839903.42	1728685.87	BOL
2074	"AR"	9+23.42	86.25	3839902.29	1728681.06	BOL
2075	"AR"	9+19.34	89.05	3839901.16	1728676.25	BOL
2076	"AR"	9+15.26	91.85	3839900.03	1728671.43	BOL
2077	"AR"	9+11.19	94.65	3839898.90	1728666.62	BOL
2078	"AR"	7+54.02	162.39	3839889.36	1728498.93	BOL
2079	"AR"	7+58.96	161.73	3839888.32	1728503.80	BOL
2080	"AR"	7+63.86	160.72	3839887.62	1728508.75	BOL
2081	"AR"	7+68.75	159.71	3839886.92	1728513.70	BOL
2082	"AR"	7+73.65	158.69	3839886.22	1728518.65	BOL
2083	"AR"	7+78.55	157.68	3839885.52	1728523.60	BOL
2084	"AR"	7+08.90	20.12	3840038.51	1728504.44	BOL
2085	"AR"	7+13.90	20.06	3840036.88	1728509.17	BOL
2086	"AR"	7+18.90	20.00	3840035.26	1728513.90	BOL
2087	"AR"	7+23.90	19.94	3840033.63	1728518.62	BOL
2088	"AR"	7+28.90	19.88	3840032.00	1728523.35	BOL
2089	"AR"	7+33.90	19.87	3840030.32	1728528.06	BOL

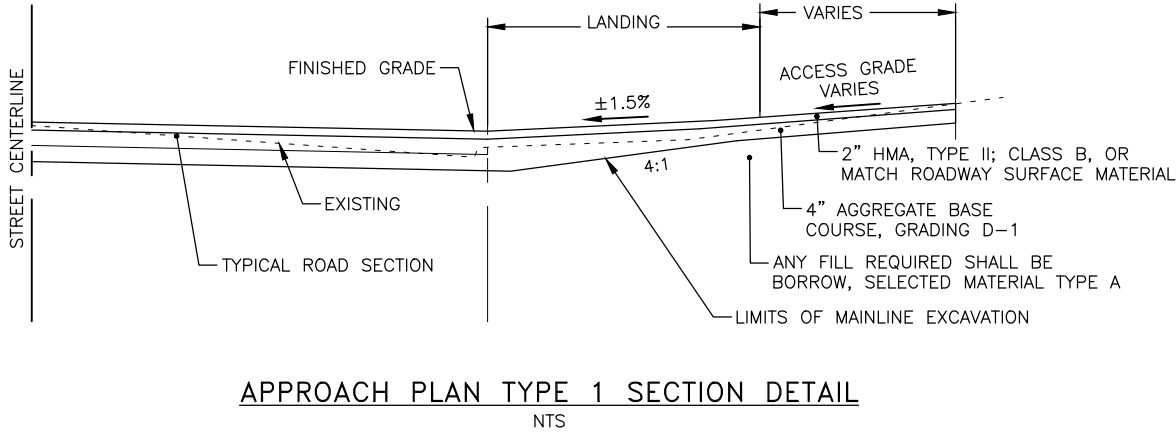
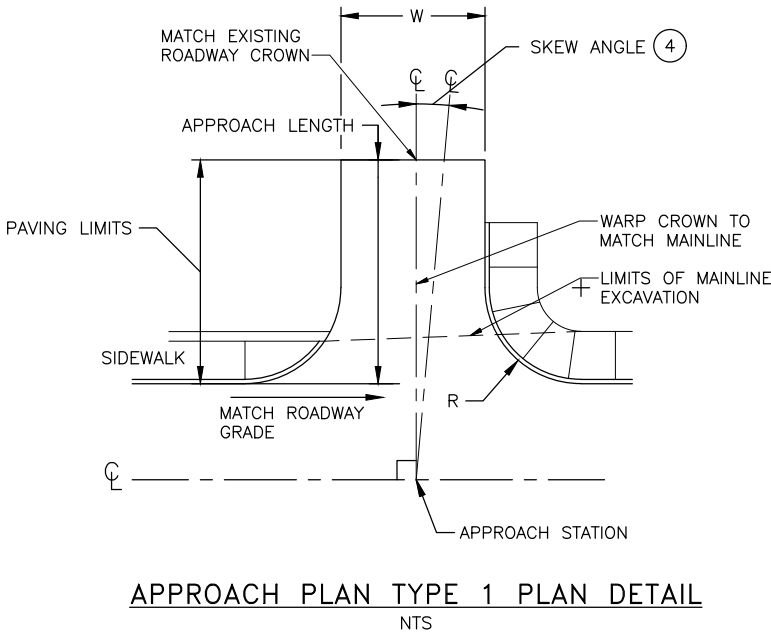
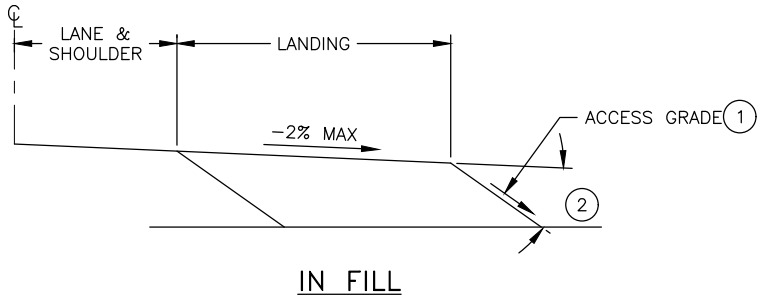
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	G21	G28

BOLLARD LAYOUT POINT
TABLES (1 OF 1)



PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C\0004crst-17258FB-Approach Details Thu, Apr/10/25 01:44pm

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	G22	G28



APPROACH NOTES

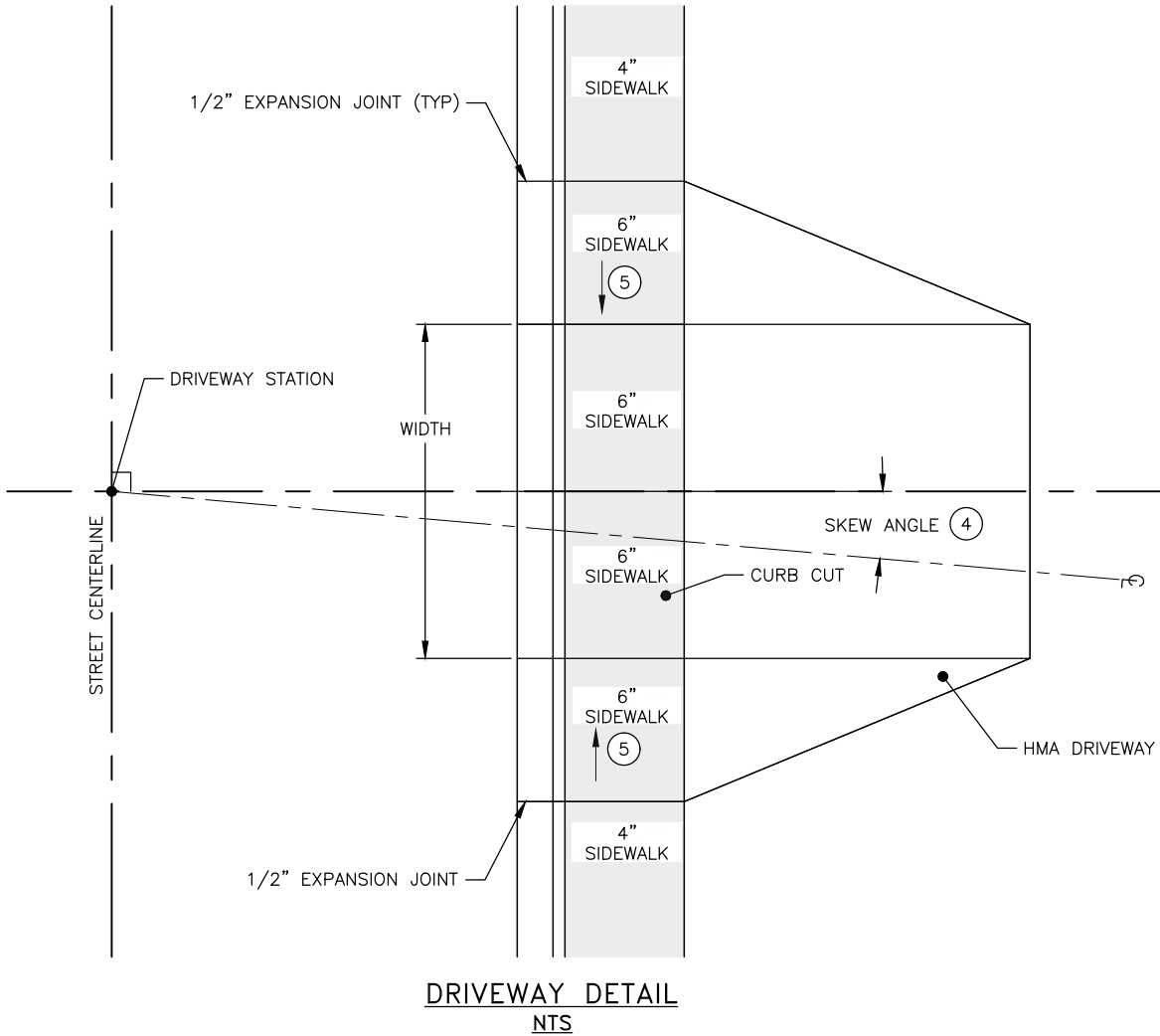
- 1 MAX RESIDENTIAL ACCESS GRADE IS 15%. MAX COMMERCIAL GRADE IS 8%.
- 2 MAX ALGEBRAIC DIFFERENCE FOR COMMERCIAL ACCESS GRADE: 8%
RESIDENTIAL: NONE
- 3. MATERIAL FOR CONSTRUCTION OF APPROACH IS PAID FOR UNDER THE RESPECTIVE PAY ITEM.
- 4 THE SKEW ANGLE IS THE ANGLE BETWEEN A LINE PERPENDICULAR TO THE ROADWAY CENERLINE AND THE CENTERLINE OF THE APPROACH. POSITIVE FOR CLOCKWISE AND NEGATIVE FOR COUNTERCLOCKWISE ROATATION MEASURED FROM THE LINE PERPENDICULAR TO THE ROADWAY CENTERLINE AT THE APPROACH STATION.
- 5. SEE D2 FOR DRIVEWAY SUMMARY.

APPROACH DETAILS

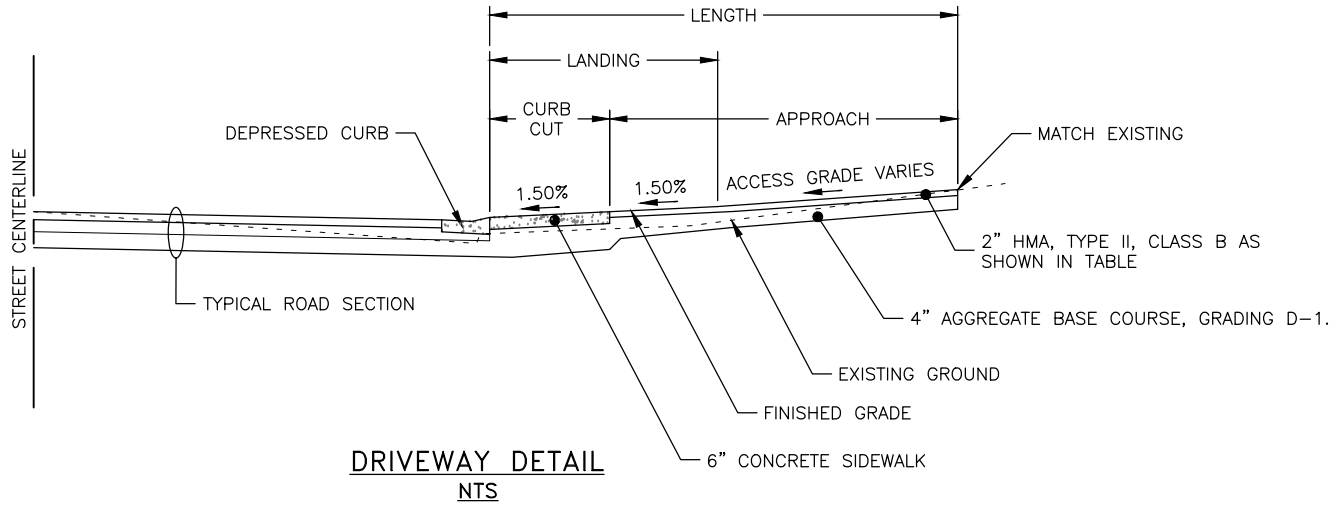


PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	G23	G28



- NOTES:
- SEE ROADWAY TYPICAL SECTION FOR CURB TYPE.
 - MATERIAL FOR CONSTRUCTION OF APPROACH IS PAID FOR UNDER THE RESPECTIVE PAY ITEM.
 - 6" CONCRETE APPROACH SHALL BE PAID FOR AS 6" CONCRETE SIDEWALK UNDER BID ITEM 608(1B).
 - THE SKEW ANGLE IS THE ANGLE BETWEEN A LINE PERPENDICULAR TO THE ROADWAY CENERLINE AND THE CENTERLINE OF THE APPROACH. POSITIVE FOR CLOCKWISE AND NEGATIVE FOR COUNTERCLOCKWISE ROATATION MEASURED FROM THE LINE PERPENDICULAR TO THE ROADWAY CENTERLINE AT THE APPROACH STATION.
 - TRANSITION SECTION SLOPES SHALL HAVE A MINIMUM SLOPE OF 5% AND MAX SLOPE OF 7.7%.
 - SEE D2 FOR DRIVEWAY SUMMARY.

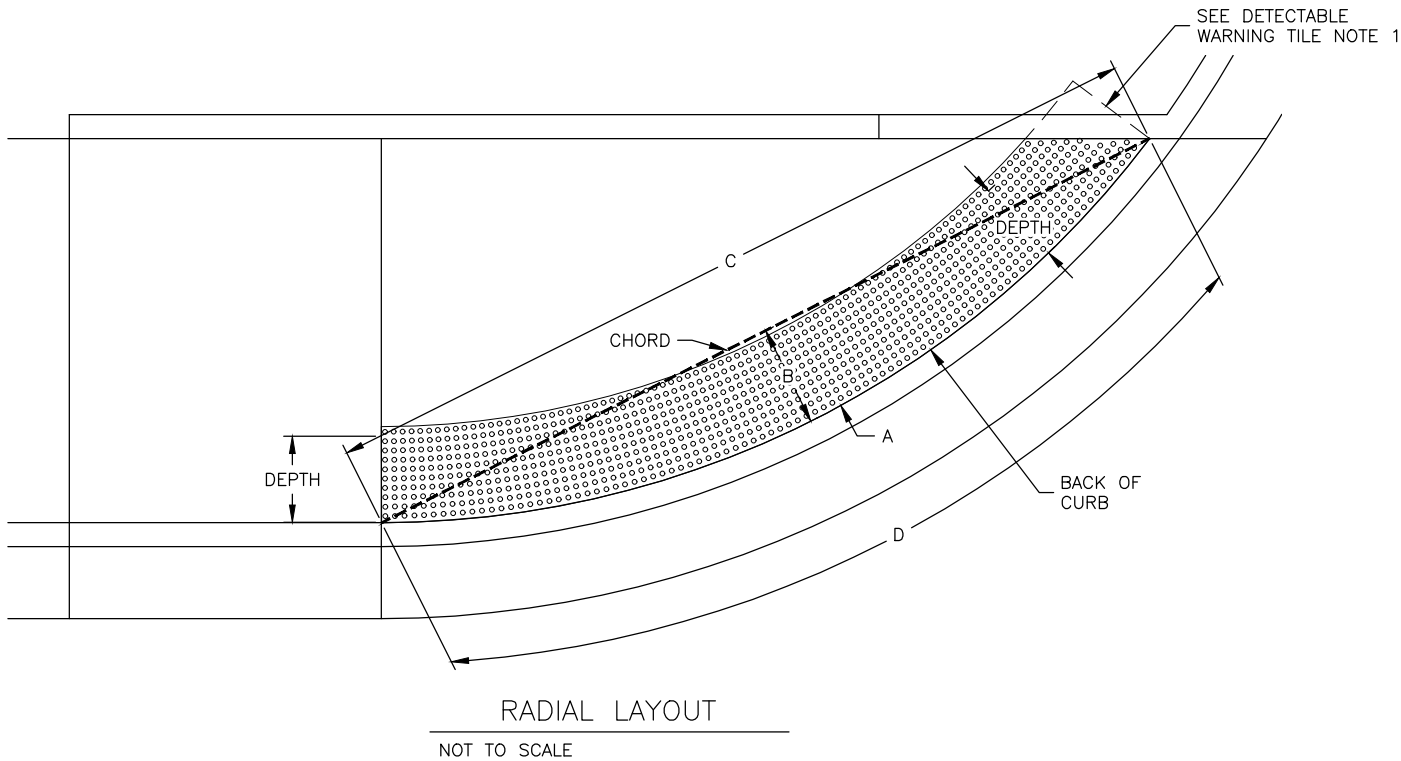


DRIVEWAY DETAILS



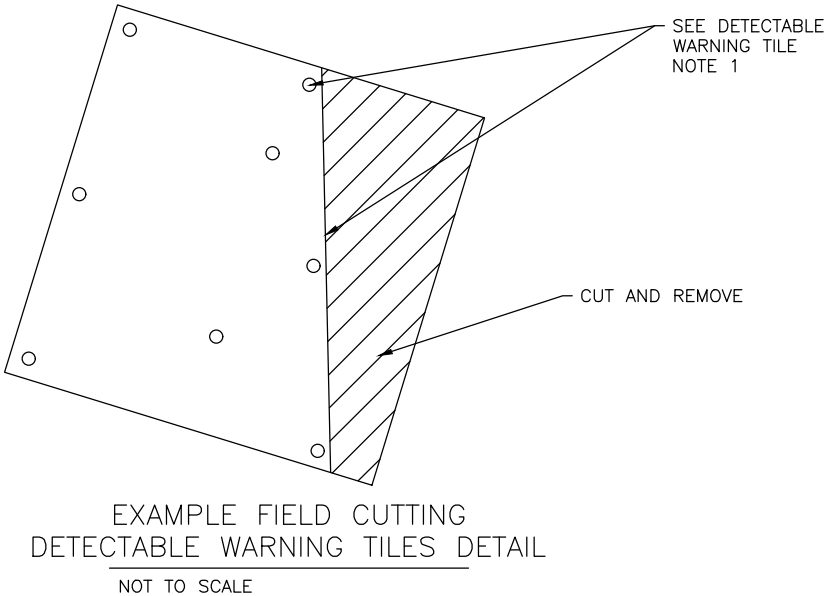
PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258fb-seppala\C\Details\NR_121.11-Sheet 1 of 2 Wed, Jul/16/25 07:47am

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	G24	G28



DETECTABLE WARNING TILE (DWT) NOTES:

- DETECTABLE WARNING TILE SHALL EXTEND THE FULL WIDTH OF THE CURB RAMP. WHEN THE END TILE IS CUT ON-SITE, NEW ANCHOR HOLES ARE TO BE DRILLED AND COUNTERSUNK ALONG THE CUT LINE. FOLLOW THE MANUFACTURER RECOMMENDATIONS FOR ON-SITE CUTTING PROCEDURES, HOLE SET-BACK AND SPACING DISTANCES, TOOLS FOR CUTTING, SETTING NEW ANCHOR HOLES SYSTEM, AND RECOATING OF SAWCUT LINES. THIS WORK IS SUBSIDIARY TO PAY ITEM 608.0006.0000.
- THE CONTRACTOR SHALL CHECK THE CURB AND GUTTER LAYOUT PRIOR TO CONCRETE POUR TO ENSURE THE INSTALLATION OF THE SPECIFIED DETECTABLE WARNING TILE WILL MEET ADA REQUIREMENTS. DETECTABLE WARNING TILE DIMENSIONS PROVIDED ARE PER DESIGN, AND NEED TO BE VERIFIED PRIOR TO INSTALLATION TO ENSURE THE DETECTABLE WARNING TILE WILL BE INSTALLED ACROSS THE FULL WIDTH OF THE RAMP RUN OR LOWER LANDING, WHICHEVER IS APPLICABLE. DETECTABLE WARNING TILE MUST BE A MAXIMUM OF 2.0 INCHES FROM THE BACK OF CURB AND/OR THE RAMP RUN OR LOWER LANDING EDGE AT THE BACK OF CURB. NOT MEETING THESE REQUIREMENTS IS GROUNDS FOR REJECTING THE CURB RAMP. THIS WORK IS SUBSIDIARY TO PAY ITEM 608.0006.0000.
- DETECTABLE WARNING TILE KEY DIMENSIONS:
 - "A" RADIUS AT BACK OF CURB.
 - "B" MAXIMUM HEIGHT FROM THE RADIUS CHORD TO BACK OF CURB.
 - "C" CHORD LENGTH
 - "D" ARC LENGTH AT BACK OF CURB.
 - "W1" WIDTH.
 - "W2" WIDTH ALONG BACK OF CURB.
 - DEPTH IS 24 INCHES MINIMUM.



CURB RAMP NOTES:

- CONSTRUCT RAMP RUNS, FLARES, AND BOTH UPPER AND LOWER LANDING OF 6 INCH (MINIMUM) THICK CONCRETE, REGARDLESS OF WHETHER THE SIDEWALK IS ASPHALT OF CONCRETE. PROVIDE A COARSE BROOM FINISH RUNNING:
 - PERPENDICULAR TO THE CURB ON RAMP RUNS, UPPER LANDINGS, AND PARALLEL TO THE CURB ON LOWER LANDINGS AND FLARES FOR DIRECTIONAL AND PARALLEL CURB RAMP.
 - PARALLEL TO THE CURB ON RAMP RUNS AND FLARES FOR PERPENDICULAR CURB RAMP.
- NOTIFY THE ENGINEER PRIOR TO CONCRETE PLACEMENT IF MAXIMUM OR MINIMUM GRADES CANNOT BE CONSTRUCTED. UNLESS PREVIOUSLY APPROVED BY THE ENGINEER, ANY FEATURE EXCEEDING MINIMUM OR MAXIMUM ALLOWABLE SLOPES WILL BE REPLACED AT CONTRACTOR'S EXPENSE.
- TRANSITION PANEL(S):** WHEN CONNECTING INTO EXISTING SIDEWALK, REPLACE ADJACENT SIDEWALK PANEL(S) LABELED AS TRANSITION PANEL(S), AS REQUIRED FOR CROSS SLOPE TRANSITION FROM THE EXISTING SIDEWALK TO THE NEW UPPER LANDING TO ENSURE THE UPPER LANDING IS CONSTRUCTED WITH A COMPLIANT CROSS SLOPE.
- RAMP RUN LENGTH:** SURVEY PRIOR TO CONSTRUCTION TO VERIFY RAMP RUN LENGTH REQUIRED FOR COMPLIANT SLOPES. ADJUST THE RAMP RUN LENGTH AS NEEDED TO ENSURE COMPLIANT RAMP RUN RUNNING SLOPE. THIS SURVEY IS SUBSIDIARY TO 642 PAY ITEMS. RAMP RUN LENGTHS SHOULD BE 8.3% MAXIMUM (5.0% MINIMUM).
- JOINTS:** INSTALL CONTINUOUS MINIMUM 6 INCH DEEP 1/2 INCH EXPANSION JOINT AT ALL LOCATIONS WHERE SIDEWALK, CURB RAMP, OR CURB AND GUTTER (ANY TYPE) MEET. SEAL ALL EXPANSION JOINTS WITH HOT POURED ELASTIC TYPE JOINT SEAL CONFORMING TO SUBSECTION 705-2.02 JOINT SEALANT. EXPANSION AND DUMMY JOINTS IN THE SIDEWALK AND CURB RAMP SHALL LINE UP WITH EXPANSION AND DUMMY JOINTS IN THE CURB AND GUTTER.
- SEE SUBSECTION 608-3.01 FOR WELDED WIRE FABRIC (WWF).
- SLOPE ARROWS ARE INDICATING FLOW DIRECTION (DOWN GRADIENT).

DIRECTIONAL CURB RAMPS
(1 OF 2)



PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258fb--seppala\C Details\NR_121.11--Directional Curb Ramps 2 of 2 Wed, Jul/16/25 07:47am

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	G25	G28

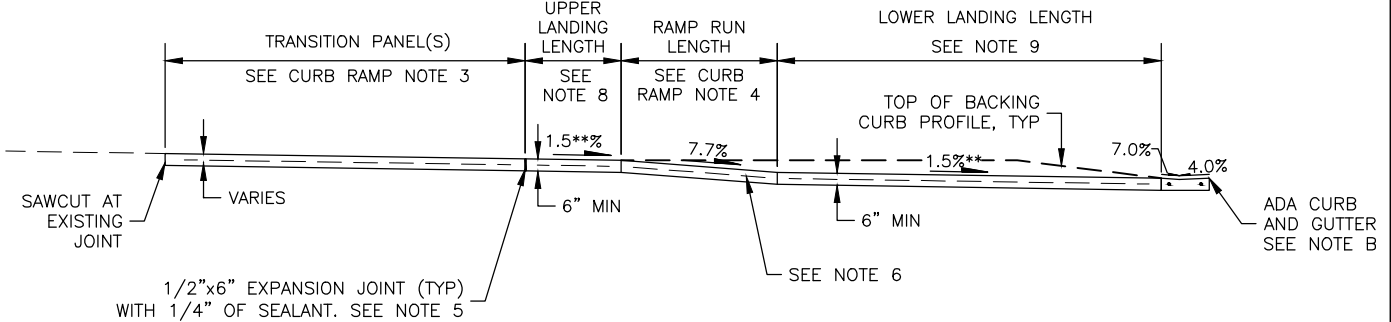
CURB RAMP NOTES:

- CONSTRUCT RAMP RUNS, FLARES, AND BOTH UPPER AND LOWER LANDING OF 6 INCH (MINIMUM) THICK CONCRETE, REGARDLESS OF WHETHER THE SIDEWALK IS ASPHALT OF CONCRETE. PROVIDE A COARSE BROOM FINISH RUNNING:
 - PERPENDICULAR TO THE CURB ON RAMP RUNS, UPPER LANDINGS, AND PARALLEL TO THE CURB ON LOWER LANDINGS AND FLARES FOR DIRECTIONAL AND PARALLEL CURB RAMPS.
 - PARALLEL TO THE CURB ON RAMP RUNS AND FLARES FOR PERPENDICULAR CURB RAMPS.
- NOTIFY THE ENGINEER PRIOR TO CONCRETE PLACEMENT IF MAXIMUM OR MINIMUM GRADES CANNOT BE CONSTRUCTED. UNLESS PREVIOUSLY APPROVED BY THE ENGINEER, ANY FEATURE EXCEEDING MINIMUM OR MAXIMUM ALLOWABLE SLOPES WILL BE REPLACED AT CONTRACTOR'S EXPENSE.
- TRANSITION PANEL(S): WHEN CONNECTING INTO EXISTING SIDEWALK, REPLACE ADJACENT SIDEWALK PANEL(S) LABELED AS TRANSITION PANEL(S), AS REQUIRED FOR CROSS SLOPE TRANSITION FROM THE EXISTING SIDEWALK TO THE NEW UPPER LANDING TO ENSURE THE UPPER LANDING IS CONSTRUCTED WITH A COMPLIANT CROSS SLOPE.
- RAMP RUN LENGTH: SURVEY PRIOR TO CONSTRUCTION TO VERIFY RAMP RUN LENGTH REQUIRED FOR COMPLIANT SLOPES. ADJUST THE RAMP RUN LENGTH AS NEEDED TO ENSURE COMPLIANT RAMP RUN RUNNING SLOPE. THIS SURVEY IS SUBSIDIARY TO 642 PAY ITEMS. RAMP RUN LENGTHS SHOULD BE 8.3% MAXIMUM (5.0% MINIMUM).
- JOINTS: INSTALL CONTINUOUS MINIMUM 6 INCH DEEP 1/2 INCH EXPANSION JOINT AT ALL LOCATIONS WHERE SIDEWALK, CURB RAMP, OR CURB AND GUTTER (ANY TYPE) MEET. SEAL ALL EXPANSION JOINTS WITH HOT POURED ELASTIC TYPE JOINT SEAL CONFORMING TO SUBSECTION 705-2.02 JOINT SEALANT. EXPANSION AND DUMMY JOINTS IN THE SIDEWALK AND CURB RAMP SHALL LINE UP WITH EXPANSION AND DUMMY JOINTS IN THE CURB AND GUTTER.
- SEE SUBSECTION 608-3.01 FOR WELDED WIRE FABRIC (WWF).
- SLOPE ARROWS ARE INDICATING FLOW DIRECTION (DOWN GRADIENT).
- UPPER LANDING:
 - LENGTH: IF UPPER LANDING FUNCTIONS AS A TURNING SPACE, A 5.0-FOOT TURNING SPACE IS REQUIRED. OTHERWISE, MINIMUM LENGTH OF LANDING IS 4.0 FEET. UPPER LANDING LENGTH MAY BE DECREASED TO 3.0 FEET IF APPROVED BY THE ENGINEER.
 - WIDTH: UPPER LANDING WIDTH SHALL MATCH OR EXCEED THE WIDTH OF THE RAMP RUN.
- LOWER LANDING:
 - LENGTH: LENGTH OF LOWER LANDING DEPENDS ON RAMP RUN WIDTH, BACK OF CURB TO SIDEWALK SEPARATION WIDTH, AND CURB RADII.
 - RUNNING SLOPE: FOR CASE 1, IF THE LOWER LANDING DOES NOT FUNCTION AS A TURNING SPACE, THE LOWER LANDING RUNNING SLOPE MAY BE INCREASED TO 5.0% AS APPROVED BY THE ENGINEER.
- CONSTRUCT GRADE BREAKS PERPENDICULAR TO RAMP RUNS.
- SEE SLOPE GUIDE TABLE:

SLOPES GUIDE			
	NOMINAL	MINIMUM	MAXIMUM
UPPER LANDING RUNNING SLOPE	1.5%**	*	2.0%**
UPPER LANDING CROSS SLOPE	1.5%**	*	2.0%**
RAMP RUN RUNNING SLOPE	7.7%	5.0%	8.3%
RAMP RUN CROSS SLOPE	1.5%	*	2.0%
LOWER LANDING RUNNING SLOPE	1.5%**	*	2.0%**
LOWER LANDING CROSS SLOPE	1.5%**	*	2.0%**

* MAINTAIN PREFERABLE DRAINAGE CONDITIONS.

** IF LANDING FUNCTION AS A TURNING SPACE, SLOPE IN ANY DIRECTION (INCLUDING DIAGONAL) OF THE 5-FOOT DIAMETER TURNING SPACE MAY NOT EXCEED 1.5% NOMINAL (2.0% MAXIMUM).

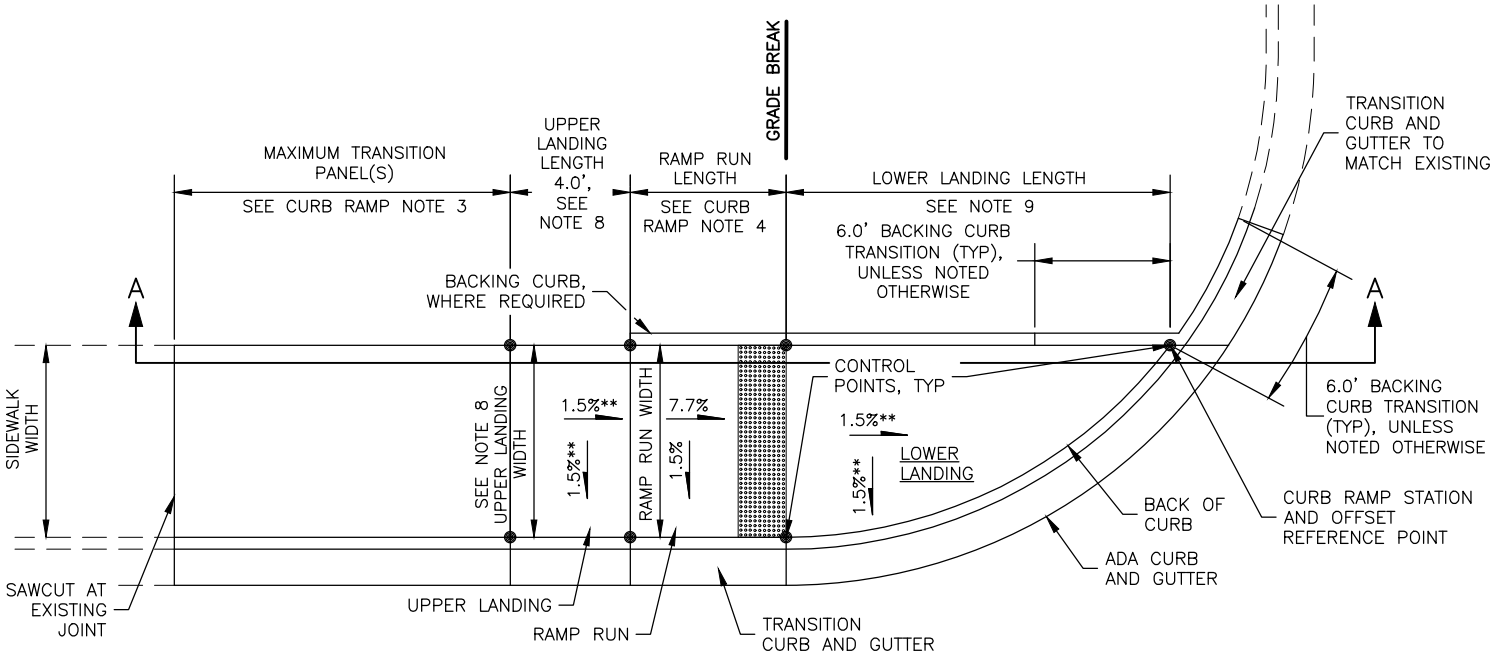


PROFILE A-A

- DETECTABLE WARNING TILE IS NOT SHOWN IN THIS PROFILE VIEW FOR CLARITY.
- ONLY NOMINAL SLOPES FOR ADA CURB AND GUTTER ARE SHOWN, REFER TO CURB AND GUTTER DETAILS.

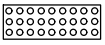
DIRECTIONAL CURB RAMPS
(2 OF 2)

NOTE: DRAWING
NOT TO SCALE



CASE 1 - PLAN VIEW

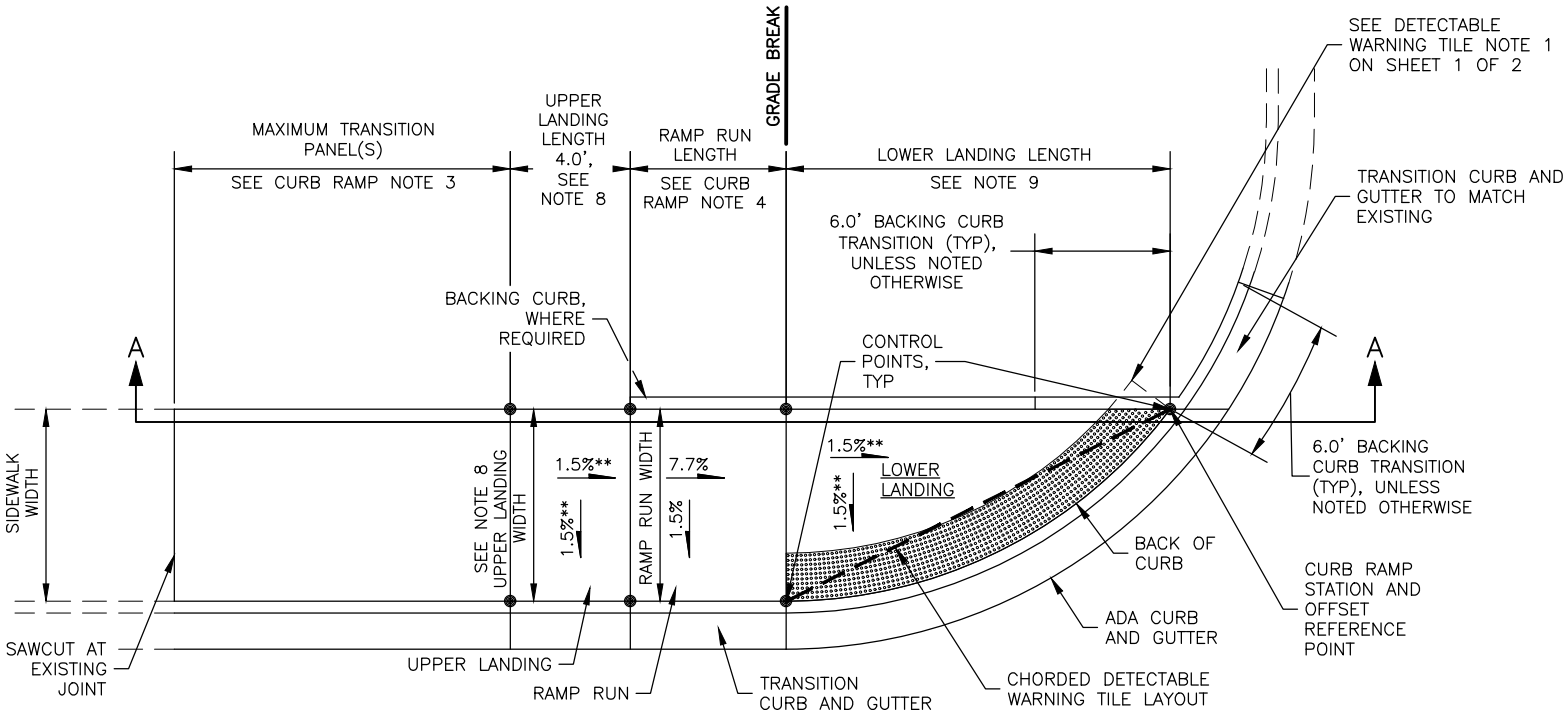
RECTANGULAR DETECTABLE WARNING TILE
PLACE DETECTABLE WARNING TILE BEHIND GRADE BREAK

 = DETECTABLE WARNING TILE
SEE DWT NOTES

SLOPE DIRECTION KEY:
RUNNING SLOPE:
PARALLEL TO CURB & GUTTER

CROSS SLOPE:
PERPENDICULAR TO CURB &
GUTTER

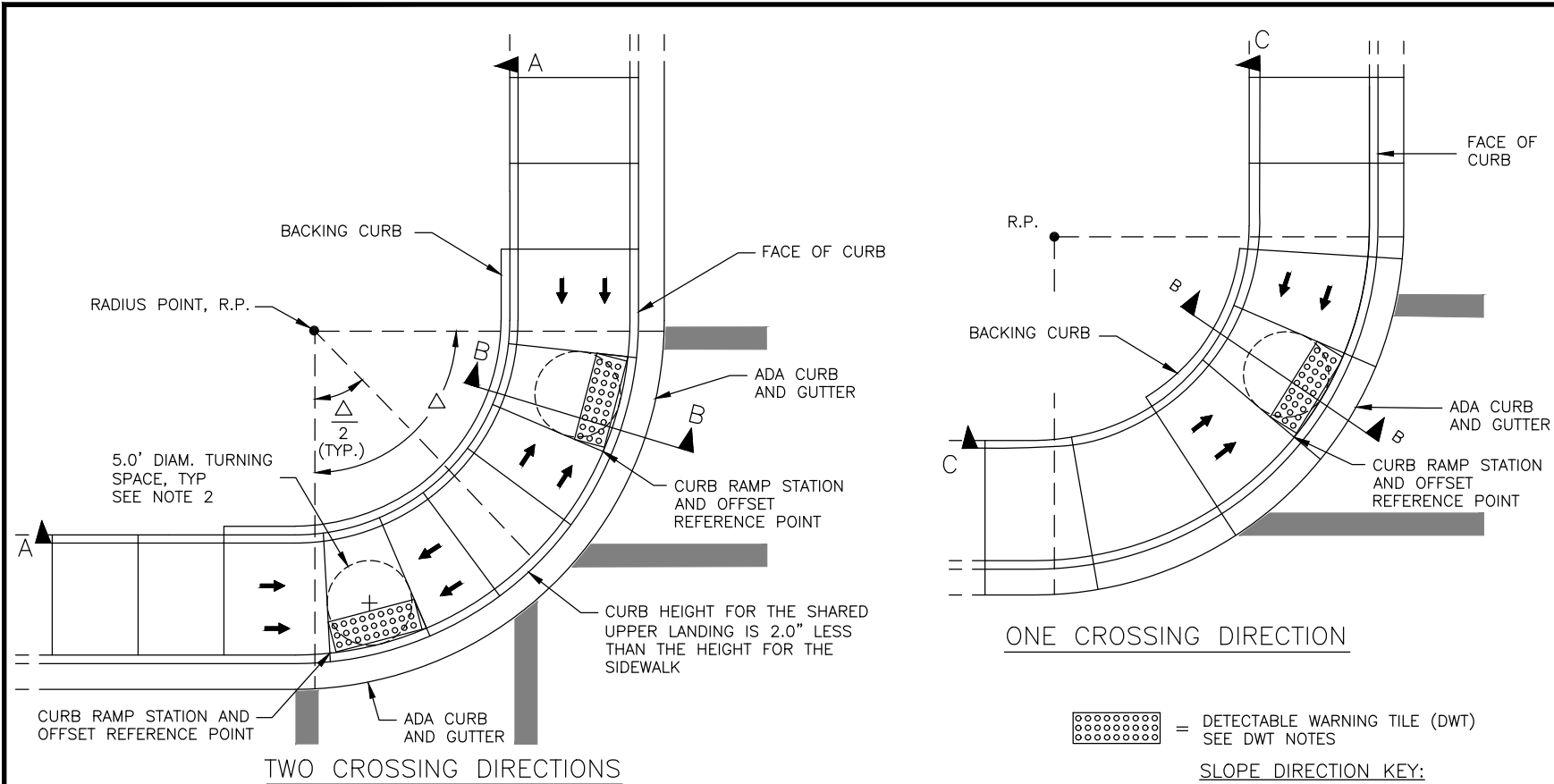
FLARE SLOPE:
PARALLEL TO CURB & GUTTER



CASE 2 - PLAN VIEW

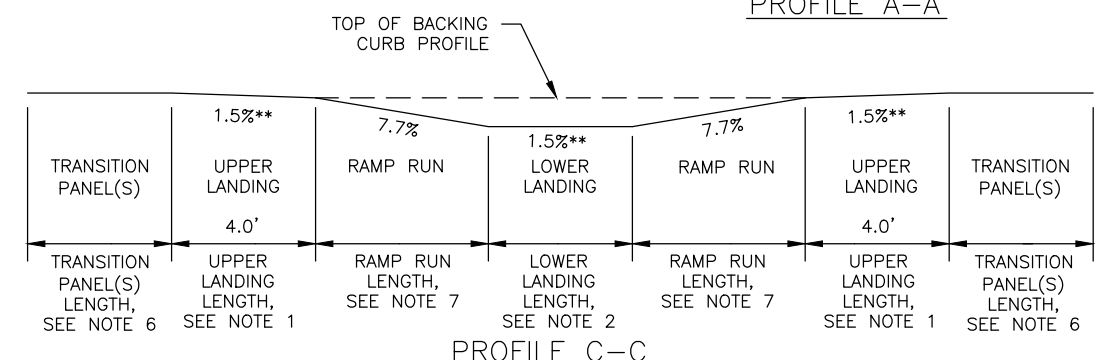
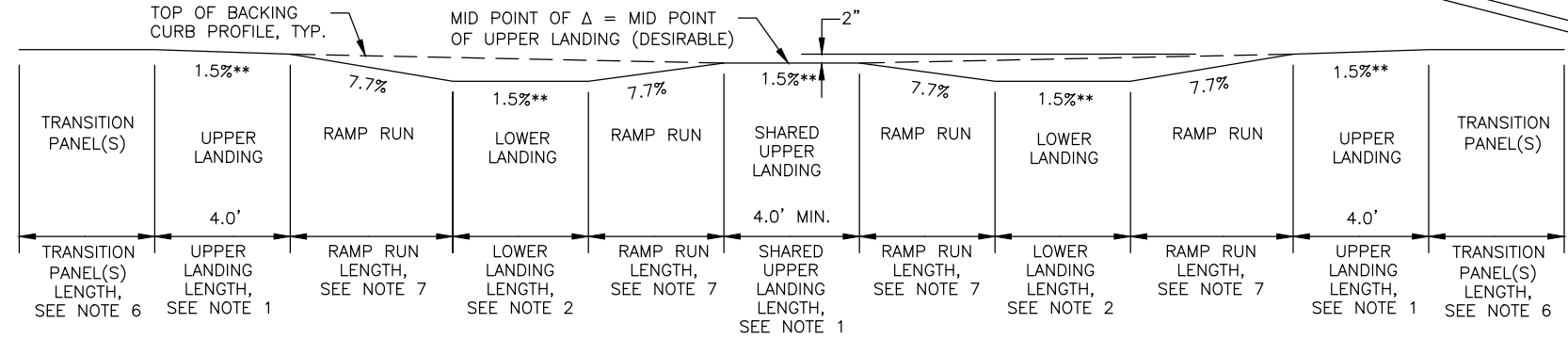
RADIAL DETECTABLE WARNING TILE
PLACE A RADIAL DETECTABLE WARNING TILE AT THE BACK
OF CURB WITH A MAXIMUM MAXIMUM GAP OF 2 INCHES

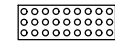
PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
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SLOPES GUIDE			
	NOMINAL	MINIMUM	MAXIMUM
UPPER LANDING RUNNING SLOPE	1.5%**	*	2.0%**
UPPER LANDING CROSS SLOPE	1.5%**	*	2.0%**
RAMP RUN RUNNING SLOPE	7.7%	5.0%	8.3%
LOWER LANDING RUNNING SLOPE	1.5%**	*	2.0%**
LOWER LANDING CROSS SLOPE	1.5%**	*	2.0%**
ALL CROSS SLOPES	1.5%	*	2.0%

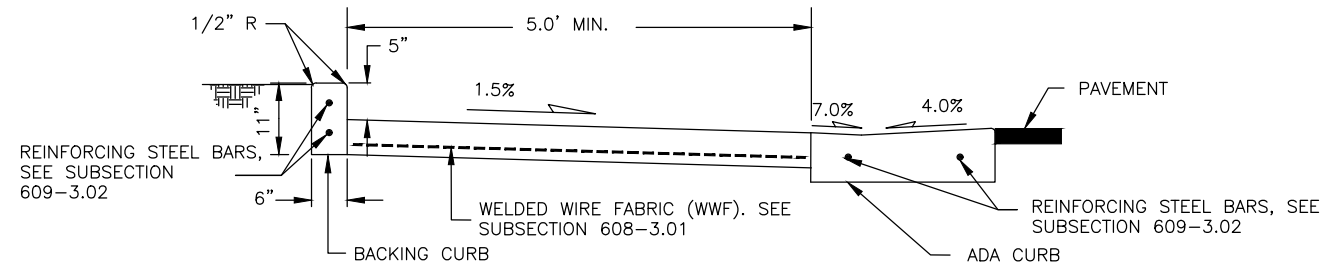
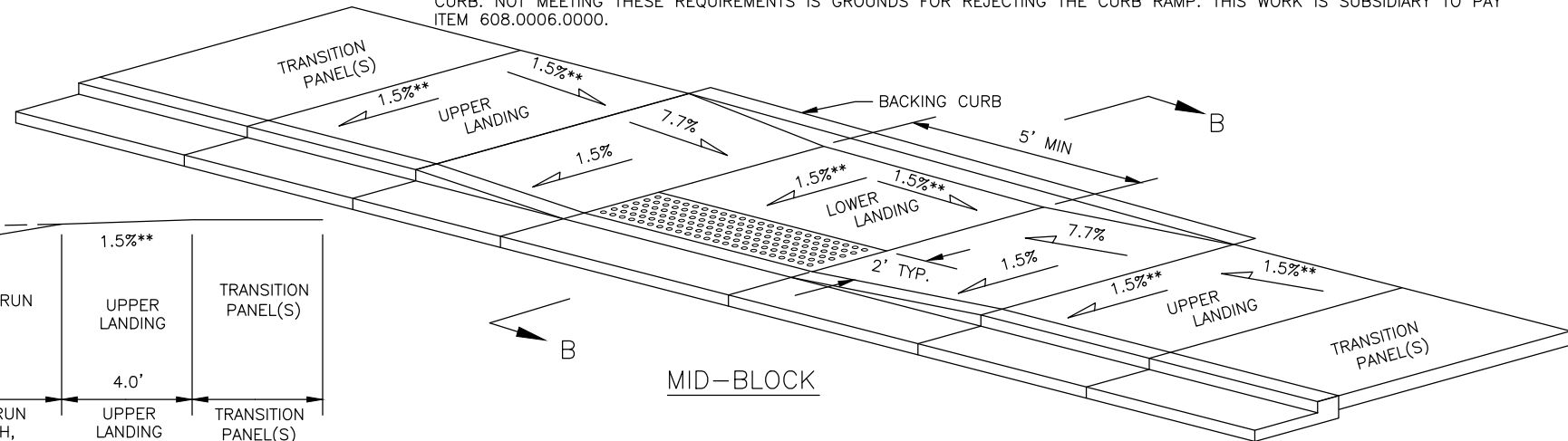
* MAINTAIN PREFERABLE DRAINAGE CONDITIONS.
** IF LANDING FUNCTION AS A TURNING SPACE, SLOPE IN ANY DIRECTION (INCLUDING DIAGONAL) MAY NOT EXCEED 1.5% NOMINAL (2.0% MAXIMUM).



 = DETECTABLE WARNING TILE (DWT)
SEE DWT NOTES
SLOPE DIRECTION KEY:
RUNNING SLOPE:
PARALLEL TO CURB & GUTTER
CROSS SLOPE:
PERPENDICULAR TO CURB & GUTTER

- | NO. | DATE | REVISION | STATE | PROJECT DESIGNATION | YEAR | SHEET NO. | TOTAL SHEETS |
|-----|------|----------|--------|---------------------|------|-----------|--------------|
| | | | ALASKA | 000S828/Z620030000 | 2025 | G26 | G28 |
- CONSTRUCTION NOTES:
- UPPER LANDING
1.1 LENGTH: IF UPPER LANDING FUNCTIONS AS A TURNING SPACE, A 5.0 FOOT TURNING SPACE IS REQUIRED. OTHERWISE, MINIMUM LENGTH OF UPPER LANDING IS 4.0 FEET. UPPER LANDING LENGTH MAY BE DECREASED TO 3.0 FEET IF APPROVED BY THE ENGINEER. SHARED UPPER LANDING LENGTH MAY NOT BE DECREASED.
1.2 WIDTH: THE WIDTH OF ALL UPPER LANDINGS SHALL MATCH OR EXCEED THE WIDTH OF THE ADJACENT RAMP RUN.
 - LOWER LANDING: ENSURE LOWER LANDING HAS A 5.0 FOOT DIAMETER TURNING SPACE.
 - WHEN ONE PARALLEL CURB RAMP WILL SERVE TWO DIRECTIONS, USE THE ONE CROSSING DIRECTION DETAIL AND REFER TO THE STRIPING PLANS FOR CROSSWALK LAYOUTS.
 - CONSTRUCT RAMP RUN AND BOTH UPPER AND LOWER LANDING OF 6 INCH (MINIMUM) THICK CONCRETE, REGARDLESS OF WHETHER THE SIDEWALK IS ASPHALT OR CONCRETE. PROVIDE COARSE BROOM FINISH PERPENDICULAR TO THE CURB ON RAMP RUNS AND UPPER LANDINGS AND PARALLEL TO THE CURB ON LOWER LANDINGS.
 - NOTIFY THE ENGINEER PRIOR TO CONCRETE PLACEMENT IF MAXIMUM OR MINIMUM GRADES CANNOT BE CONSTRUCTED. UNLESS PREVIOUSLY APPROVED BY THE ENGINEER, ANY FEATURE EXCEEDING MINIMUM OR MAXIMUM ALLOWABLE SLOPES WILL BE REPLACED AT CONTRACTOR'S EXPENSE.
 - TRANSITION PANEL(S): WHEN CONNECTING INTO EXISTING SIDEWALK, REPLACE ADJACENT SIDEWALK PANEL(S) LABELED AS TRANSITION PANEL(S), AS REQUIRED FOR CROSS SLOPE TRANSITION FROM THE EXISTING SIDEWALK TO THE NEW UPPER LANDING TO ENSURE THE UPPER LANDING IS CONSTRUCTED WITH A COMPLIANT CROSS SLOPE.
 - RAMP RUN: SURVEY PRIOR TO CONSTRUCTION OF ADJACENT CURB AND GUTTER TO VERIFY RAMP RUN LENGTHS REQUIRED FOR COMPLIANT RUNNING SLOPES. ADJUST THE RAMP RUN LENGTH AS NEEDED TO ENSURE COMPLIANT RAMP RUN RUNNING SLOPE. THIS SURVEY IS SUBSIDIARY TO 642 PAY ITEMS.
 - JOINTS: INSTALL CONTINUOUS MINIMUM 6 INCH DEEP 1/2 INCH EXPANSION JOINT AT ALL LOCATIONS WHERE SIDEWALK, CURB RAMP, OR CURB AND GUTTER (ANY TYPE) MEET. SEAL ALL EXPANSION JOINTS WITH HOT POURED ELASTIC TYPE JOINT SEAL CONFORMING TO SUBSECTION 705-2.02 JOINT SEALANT. EXPANSION AND DUMMY JOINTS IN THE SIDEWALK AND CURB RAMP SHALL LINE UP WITH EXPANSION AND DUMMY JOINTS IN THE CURB AND GUTTER.
 - SEE SLOPE GUIDE TABLE.

- DETECTABLE WARNING TILE NOTES:
- INSTALL 24" DETECTABLE WARNING TILES FOR THE FULL WIDTH OF THE RAMP RUN.
 - DETECTABLE WARNING TILE SHALL EXTEND THE FULL WIDTH OF THE CURB RAMP. WHEN THE END TILE IS CUT ON-SITE, NEW ANCHOR HOLES ARE TO BE DRILLED AND COUNTERSUNK ALONG THE CUT LINE. FOLLOW THE MANUFACTURER RECOMMENDATIONS FOR ON-SITE CUTTING PROCEDURES, HOLE SET-BACK AND SPACING DISTANCES, TOOLS FOR CUTTING, SETTING NEW ANCHOR HOLES SYSTEM, AND RECOATING OF SAWCUT LINES. THIS WORK IS SUBSIDIARY TO PAY ITEM 608.0006.0000.
 - THE CONTRACTOR SHALL CHECK THE CURB AND GUTTER LAYOUT PRIOR TO CONCRETE POUR TO ENSURE THE INSTALLATION OF THE SPECIFIED DETECTABLE WARNING TILE WILL MEET ADA REQUIREMENTS. DETECTABLE WARNING TILE DIMENSIONS PROVIDED ARE PER DESIGN, AND NEED TO BE VERIFIED PRIOR TO INSTALLATION TO ENSURE THE DETECTABLE WARNING TILE WILL BE INSTALLED ACROSS THE FULL WIDTH OF THE RAMP RUN OR LOWER LANDING, WHICHEVER IS APPLICABLE. DETECTABLE WARNING TILE MUST BE A MAXIMUM OF 2.0 INCHES FROM THE BACK OF CURB AND/OR THE RAMP RUN OR LOWER LANDING EDGE AT THE BACK OF CURB. NOT MEETING THESE REQUIREMENTS IS GROUNDS FOR REJECTING THE CURB RAMP. THIS WORK IS SUBSIDIARY TO PAY ITEM 608.0006.0000.



- SECTION B-B
- DETECTABLE WARNING TILE IS NOT SHOWN IN THIS PROFILE VIEW FOR CLARITY.
 - ONLY NOMINAL SLOPES FOR ADA CURB AND GUTTER ARE SHOWN, REFER TO CURB AND GUTTER DETAILS.

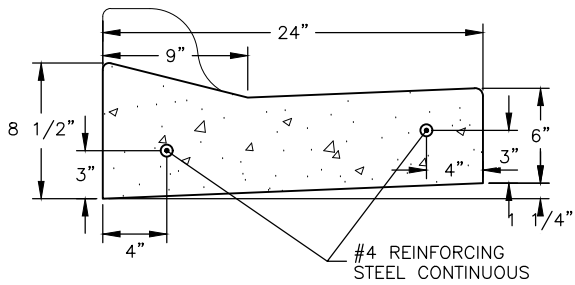
PARALLEL CURB RAMPS

NOTE: DRAWING NOT SCALE

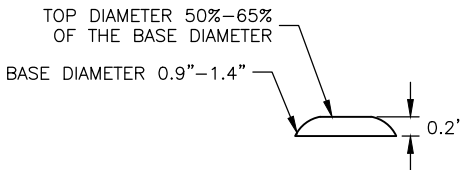


PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
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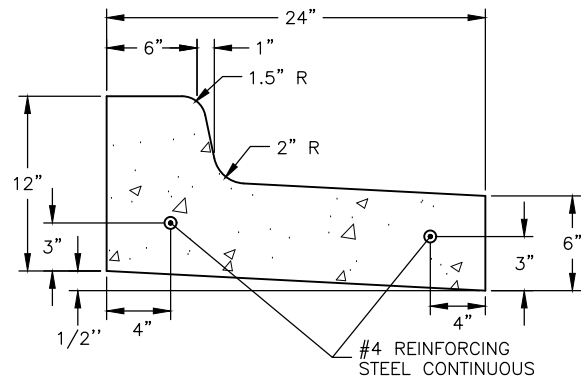
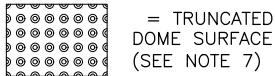
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	G27	G28



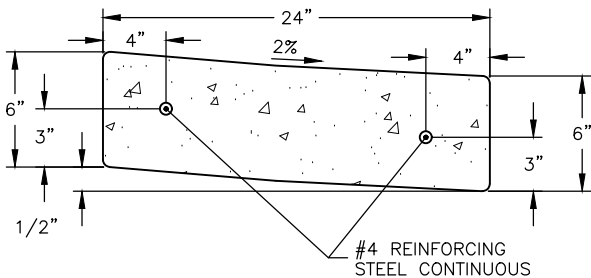
DEPRESSED CURB AND GUTTER



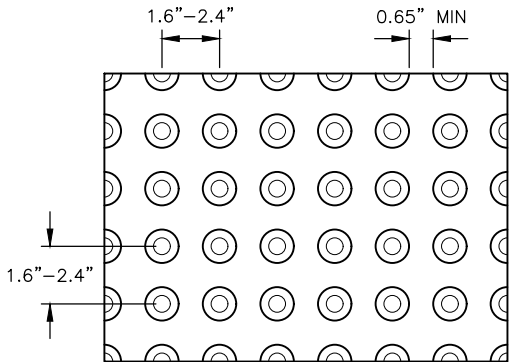
TRUNCATED DOME DETAILS



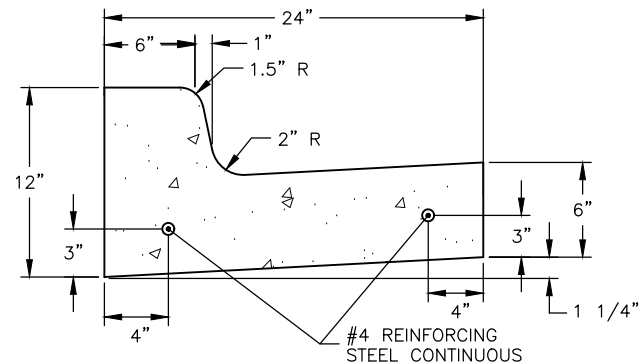
STANDARD CURB AND GUTTER
SPILL



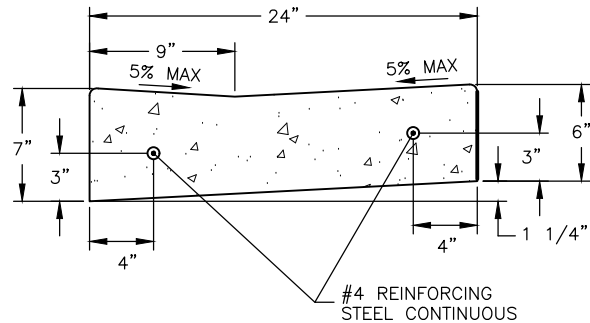
ADA CURB AND GUTTER
SPILL



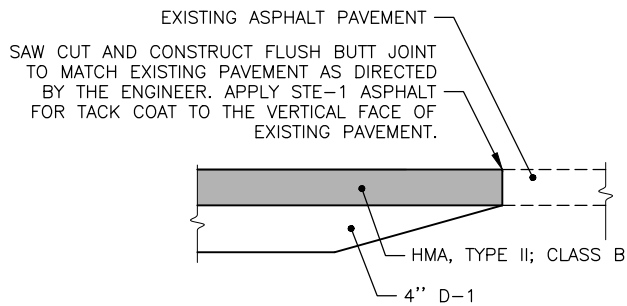
TRUNCATED PATTERN DETAIL



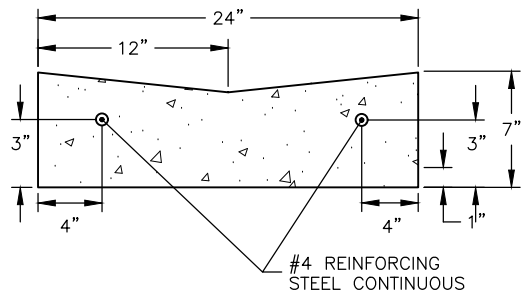
STANDARD CURB AND GUTTER
CATCH



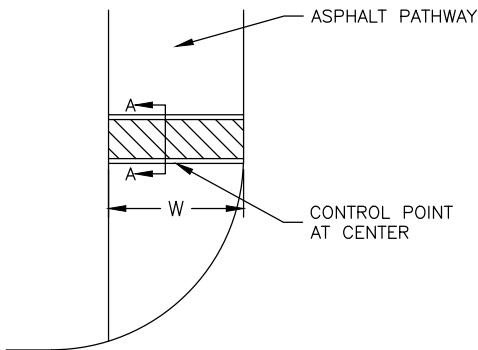
ADA CURB AND GUTTER
CATCH



MATCH EXISTING PAVEMENT DETAIL



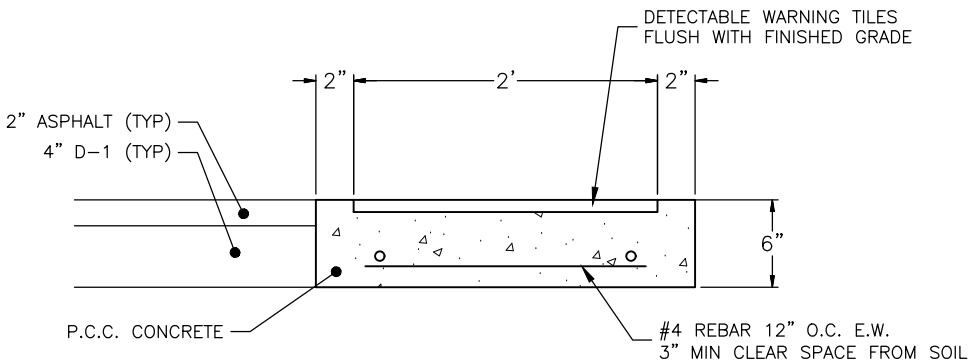
VALLEY GUTTER



NOTES:

1. DETECTABLE WARNING TILES IN ASPHALT PATHWAY WILL BE PAID UNDER 608.2017.0000.

DETECTABLE WARNING TILE DETAIL IN ASPHALT PATH
NTS



SECTION A-A
NTS

CURB AND GUTTER DETAIL

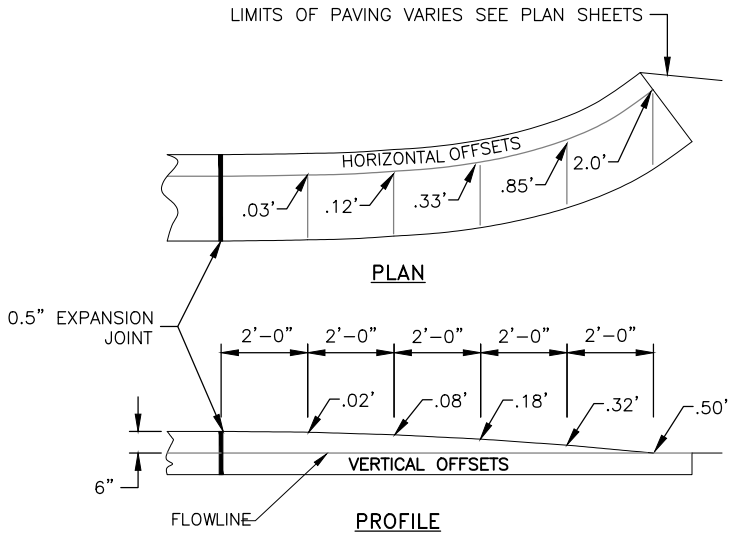
GENERAL NOTES:

1. USE THE TYPE OF CURB AND GUTTER SPECIFIED ON THE PLANS.
2. CONSTRUCT FLARE SLOPES AT 8.3% (MEASURED PARALLEL TO THE CURB LINE) OR FLATTER, SIDEWALK CROSS SLOPES AT 1.5% NOMINAL (1.0% MIN. AND 2.0% MAX) AND CURB RAMP CURB AND GUTTER PAN SLOPES AT 4.7% NOMINAL. CONSTRUCT GRADE BREAKS PERPENDICULAR TO RAMP RUNS.
3. DO NOT CONSTRUCT FLARE SLOPES STEEPER THAN 10.0%, SIDEWALK CROSS SLOPES STEEPER THAN 2.0% AND CURB RAMP CURB AND GUTTER GUTTER PAN SLOPES STEEPER THAN 5.0%. THESE ARE THE STEEPEST SLOPES ALLOWED UNDER THE 2006 ADA STANDARDS FOR TRANSPORTATION FACILITIES.
4. PROVIDE A COARSE BROOMED FINISH ON RAMP RUNS PERPENDICULAR TO THE RAMP SLOPE.
5. STANDARD CURB AND GUTTER, EXPRESSWAY CURB AND GUTTER, DEPRESSED CURB AND GUTTER, GUTTER, CURB RAMP CURB AND GUTTER, AND CURB AND GUTTER TERMINATION TRANSITIONS, AND TRANSITION CURB AND GUTTER OFFSETS SHALL ALL BE MEASURED AND PAID FOR UNDER ITEM 609.0002.0001.
6. CURB AND GUTTER REINFORCING BARS TO BE SPICED SHALL BE LAPPED AT LEAST 20 BAR DIAMETERS OR 16", WHICHEVER IS GREATER AND DOUBLE TIED. THE INNER AND OUTER BAR SPLICES SHALL BE OFFSET FROM EACH OTHER BY AT LEAST SIX INCHES.

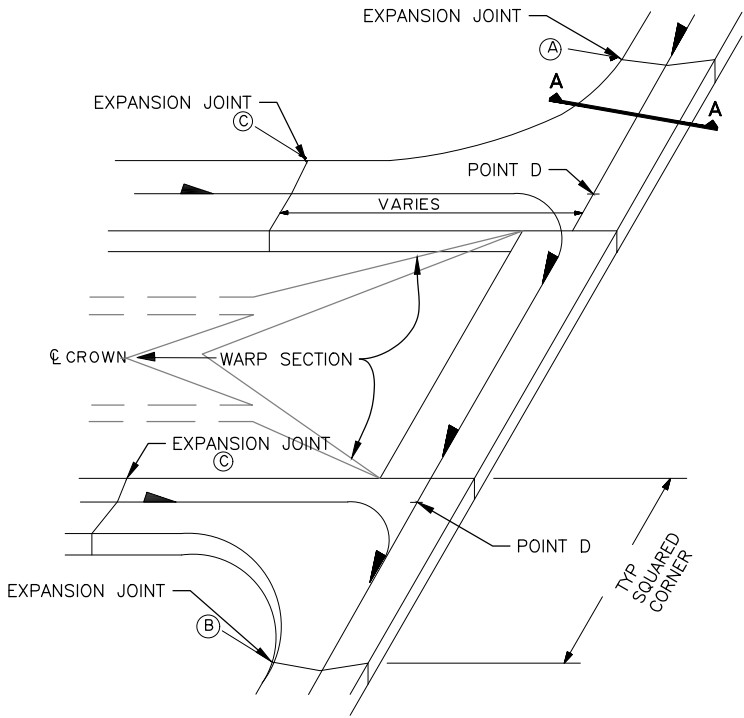


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			ALASKA	000S828/Z620030000	2025	G28	G28

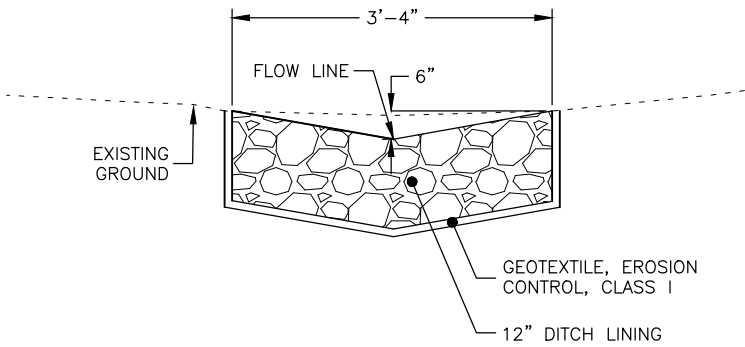
- NOTES:
1. VALLEY GUTTER TO BE PAID AS CURB AND GUTTER TYPE 1 AND MEASURED ALONG FLOWLINE BETWEEN POINT D ON EACH CORNER.
 2. SQUARED CORNER TO BE PAID AS CURB AND GUTTER TYPE 1 AND SHALL BE MEASURED ALONG FLOWLINE FROM EXPANSION JOINT C TO POINT D AND FROM POINT D TO EXPANSION JOINT B.



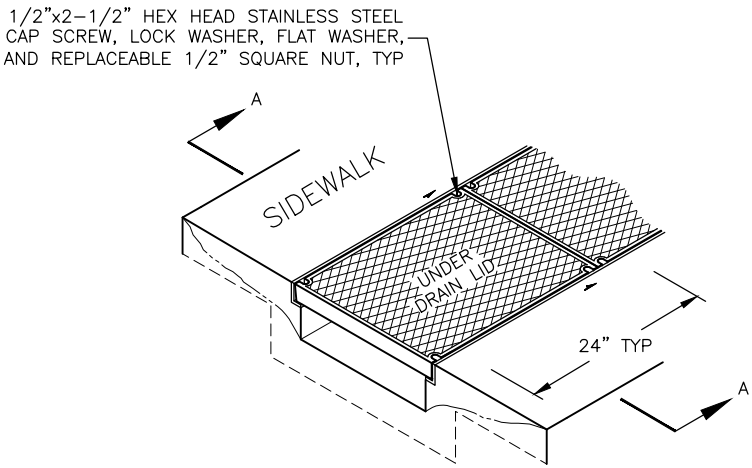
CURB AND GUTTER
TERMINATION TRANSITIONS



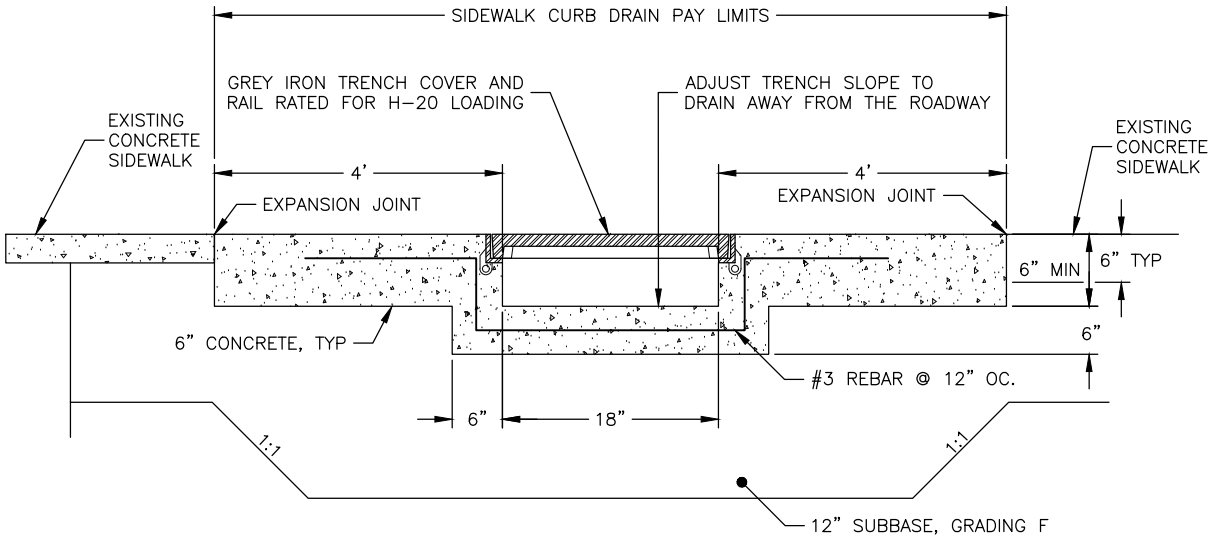
TYPICAL SECTION
VALLEY GUTTER



ROCK OUTFALL FOR SIDEWALK CURB DRAIN
NTS



DETAIL B SIDEWALK CURB DRAIN
NTS



SECTION A-A

CURB AND GUTTER
DETAILS



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SIGNING NOTES

1. REMOVE AND DISPOSE OF ALL EXISTING SIGNS AND SIGN FOUNDATIONS WITHIN THE PROJECT LIMITS, EXCEPT THOSE DESIGNATED FOR REINSTALLATION, SALVAGE OR OTHERWISE NOTED.
2. OFFSET DISTANCES LISTED ARE FROM DESIGN CENTERLINE TO NEAR EDGE OF SIGN.
3. INSTALL MILEPOST SIGNS (D10 SERIES) IN ACCORDANCE WITH STANDARD PLAN S-05.02, EXCEPT WITH A 15 TO 30 FOOT OFFSET. REDUCE THE OFFSET AS NECESSARY SO THE BOTTOM OF THE SIGN IS NO MORE THAN 15 FEET ABOVE THE GROUND. THE SIGN OFFSET SHALL NOT BE LESS THAN THE OFFSETS SHOWN IN S-05.02.
4. MOUNT SIGNS THAT PROJECT OVER OR WITHIN 2 FEET OF THE SIDEWALK WITH A MOUNTING HEIGHT OF 8 FEET.
5. INSTALL BIKE PATH SIGNS 3 TO 6 FEET FROM THE EDGE OF THE SHARED-USE PATH AND AT A MOUNTING HEIGHT OF 5 FEET. IF THE SIGN MUST BE LOCATED CLOSER THAN 3 FEET, INSTALL AT AN 8-FOOT MOUNTING HEIGHT.
6. MOUNTING HEIGHTS ARE PER STANDARD PLAN S-05.02 UNLESS OTHERWISE NOTED.
7. DETERMINE POST LENGTHS IN THE FIELD. DO NOT EXTEND POSTS ABOVE TOP OF SIGN.
8. INSTALL PST SIGN POSTS WITH SLEEVE TYPE CONCRETE FOUNDATION. EMBED PST IN SLEEVE 12"-24". PER STANDARD PLAN S-30.05. ATTACH THE SIGN POST TO THE SLEEVE USING GALVANIZED 3/8" BOLT, NUT, SPLIT WASHER AND TWO FLAT WASTERS.
9. 1/4" X 1 1/2" ALUMINUM ALLOY 6061-T6 BAR MAY ALSO BE USED TO FABRICATE SIGN BRACES AS SHOWN ON STANDARD PLAN S-01.02.
10. INSTALL 48" DIAMOND WARNING SIGNS ON A SINGLE POST WITH A BRACE HAVING EFFECTIVE BRACE LENGTH OF 54" OR WITH THREE WIND FRAMING MEMBERS AS SHOWN ON STANDARD PLAN S-00.12. THIS MODIFIES STANDARD PLAN S-01.02.
11. ATTACH ALL SIGNS TO THEIR SUPPORTS WITH 3/8" BOLTS, EXCEPT ATTACH UNFRAMED SIGNS TO PST POSTS WITH ALUMINUM DRIVE RIVETS. WIND WASHERS ARE NOT REQUIRED WITH DRIVE RIVETS. INCLUDE SPLIT LOCK WASHERS WHEN BOLTS ARE USED.
12. ALL FASTENER HARDWARE SHALL MEET THE REQUIREMENTS OF THE "FASTENER SPECIFICATION TABLE" ON SHEET STANDARD PLAN S-20.11.
13. INSTALL OM3 MARKERS, USING A SLEEVE TYPE SOIL EMBEDMENT FOUNDATION, LOCATED MIDWAY BETWEEN THE FIRST AND SECOND GUARDRAIL POSTS NEAREST TO THE BRIDGE. MOUNT THE SIGN PANEL SO THE BOTTOM IS 2 INCHES ABOVE THE TOP OF GUARDRAIL WITH THE NEAR EDGE LINING UP WITH THE BACK OF THE RAIL.
14. STOP (R1-1) AND YIELD (R1-2) SIGN LOCATIONS, ESPECIALLY THOSE AT LARGE RADIUS INTERSECTIONS, MAY NEED ADJUSTMENT IN THE FIELD. THE ENGINEER WILL APPROVE FINAL LOCATIONS.
15. INSTALL D3-100 SIGNS ABOVE THEIR RESPECTIVE STOP SIGNS. WHEN TWO D3-100 SERIES SIGNS ARE TO BE LOCATED ON THE SAME POST, INSTALL THE CROSS-STREET PANEL IN THE LOWER POSITION.
16. D3-100 SERIES SIGNS REQUIRE TWO SEPARATE SINGLE SIDED PANELS. END-BRACE PANELS PER SMALL STREET NAME SIGN BRACING DETAILS IN STANDARD PLAN S-01.02.
17. MAINTAIN EXISTING SIGNS UNTIL NEW SIGNS ARE INSTALLED. DO NOT LEAVE DUPLICATE OR CONFLICTING SIGNING UP AT ANY TIME.
18. ALL SIGNS NOTED FOR REMOVAL AND REINSTALLATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE IF THEY ARE DAMAGED DURING THE RELOCATION EFFORT.
19. USE SERIES C LETTERS FOR D3-100 SERIES SIGNS UNLESS OTHERWISE NOTED. USE 4.5" FOR DIMENSION "E" FOR 12" D3-100 SIGNS. THE LETTERING INDICATING THE TYPE OF STREET (SUCH AS St, Ave, OR Rd) WILL BE UPPER CASE AND LOWER CASE. THIS MODIFIES THE ASDS.
20. USE A 3" HORIZONTAL SPACING BETWEEN WORDS, BETWEEN CARDINAL DIRECTIONS AND WORDS, AND BETWEEN WORDS AND NUMBERS ON D3-100 AND D3-100A SIGNS UNLESS OTHERWISE NOTED.
21. LOCATE AND PROTECT ALL NEW AND EXISTING UNDERGROUND UTILITIES, INCLUDING BUT NOT LIMITED TO: PIPELINES, INTERCONNECT CABLES, SIGNAL SYSTEMS, LIGHTING SYSTEMS, STORM AND SANITARY SEWERS, WATER SYSTEMS, AND TELEPHONE AND ELECTRICAL CABLES, PRIOR TO INSTALLING SIGN POSTS. NOT ALL EXISTING UTILITIES MAY BE SHOWN ON THE PLANS.
22. DELIVER ALL SALVAGED SIGNS TO THE DOT&PF M&O MAINTENANCE YARD LOCATED AT MP 3.5 OF THE NOME-TELLER HWY AND WILL REMAIN PROPERTY OF THE DEPARTMENT.
23. CLEARING, AS DIRECTED BY THE ENGINEER, MAY BE REQUIRED TO ENSURE ADEQUATE VISIBILITY OF SIGNS. THIS WORK IS SUBSIDIARY TO PAY ITEM 615.0001.0000.
24. INSTALL WEATHER TIGHT CAPS ON ALL TS POSTS.
25. INSTALL FRANGIBLE COUPLING SYSTEMS IN ACCORDANCE WITH STANDARD PLAN S-31.02.

26. HINGED JOINTS WITH FRANGIBLE FUSE PLATES ARE REQUIRED ON ALL MULTIPLE POST SIGNS WITH FRANGIBLE COUPLING SYSTEMS. THE HINGE LOCATION ON ALL POSTS SHALL BE THE SAME DISTANCE BELOW THE SIGN, INSTEAD OF THE 6" MINIMUM SHOWN ON STANDARD PLAN S-31.02. SEE MANUFACTURER'S SPECIFICATION FOR HINGE LOCATION BELOW SIGN.
27. INSTALL TS SIGN POST BASES AND FOUNDATIONS BEHIND BARRIER IN ACCORDANCE WITH STANDARD PLAN S-32.02. PLACE SIGNS TO MEET 3' MINIMUM TO EDGE OF SIGN AND 5' MINIMUM TO SIGN POST FROM FACE OF GUARDRAIL.
28. THE 4" MOUNTING AREA ON MILEPOST SIGNS (D10-200 SERIES) SHALL BE BARE ALUMINUM. THIS ELIMINATES THE OPTION OF INSTALLING GREEN REFLECTIVE SHEETING IN THIS AREA AS NOTED IN THE ASDS.
29. ADHESIVE TAPE IS NOT PERMITTED. THIS MODIFIES STANDARD PLANS A-00.12.

STRIPING NOTES

1. ALL PROPOSED PAVEMENT MARKINGS SHALL BE PAINTED TRAFFIC MARKINGS.
2. DIMENSIONS REFER TO THE CENTER OF STRIPE OF STRIPE GROUP, EDGE OF PAVEMENT OR LIP OF CURB WHEN PRESENT.
3. TRANSITION NEW PAVEMENT MARKINGS TO MATCH EXISTING MARKINGS AT A 100:1 TAPER ON THE NEW ASPHALT.
4. STATION PROVIDED FOR TURN ARROWS IS THE LEADING EDGE OF THE ARROW.

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	H1	H17

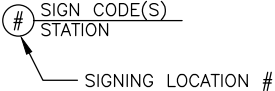
POST TYPE LEGEND

PST = PERFORATED STEEL TUBE
TS = TUBE STEEL (SQUARE STRUCTURAL STEEL TUBING)
W_X_ = WIDE FLANGE

TRAFFIC MARKING KEY

4"W	4" WHITE LINE
4"WS	4" WHITE SKIP LINE (10' STRIPE/30' SKIP PATTERN)
4"DY	4" DOUBLE YELLOW LINE
8"W	8" WHITE LINE
18"W	18" WHITE GORE
24"W	24 WHITE LINE
STD	SEE STANDARD DRAWING
DTL	SEE DETAILS

SIGN SYMBOL KEY

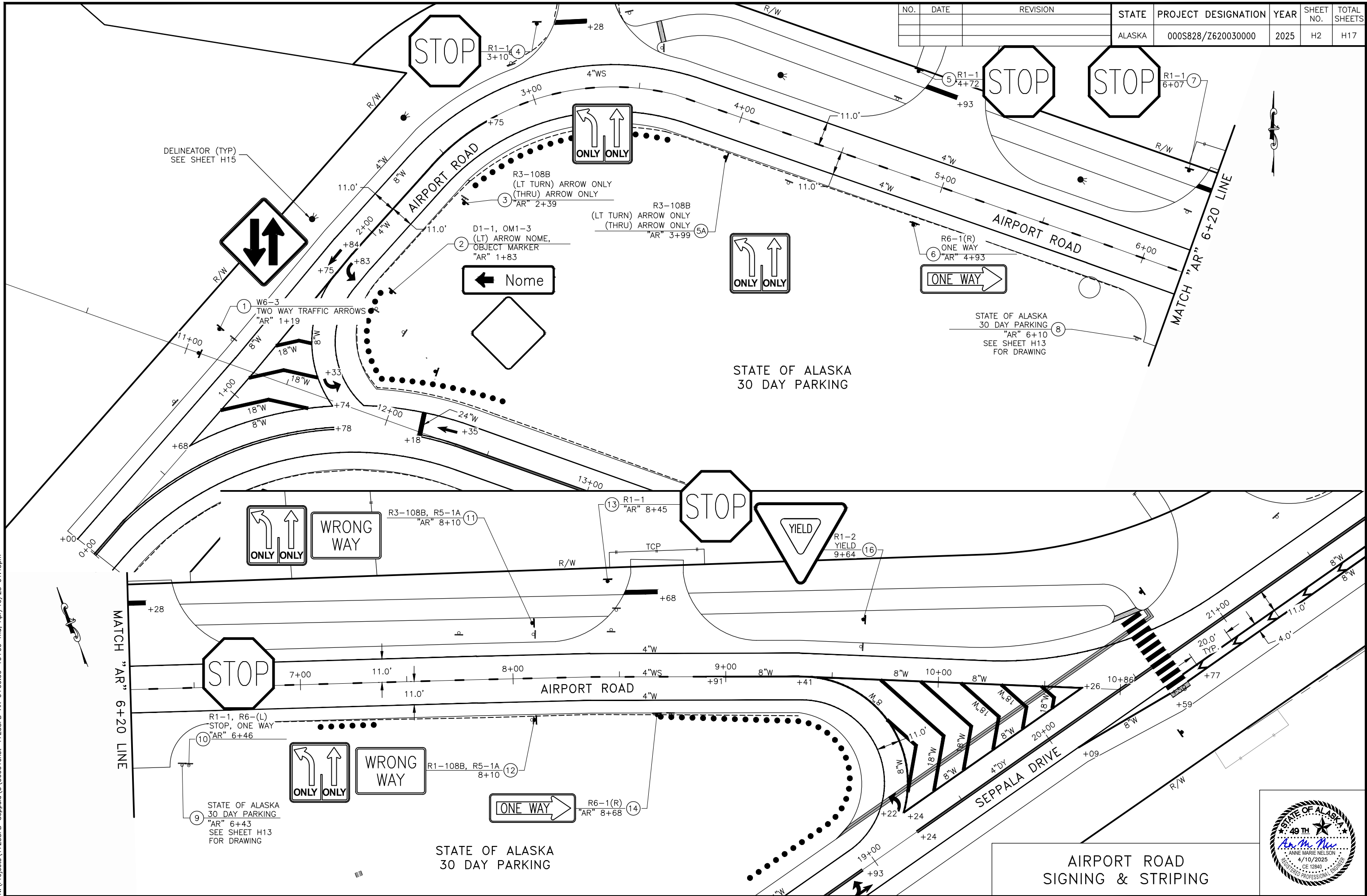


SIGNING & STRIPING SUMMARY & NOTES



PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
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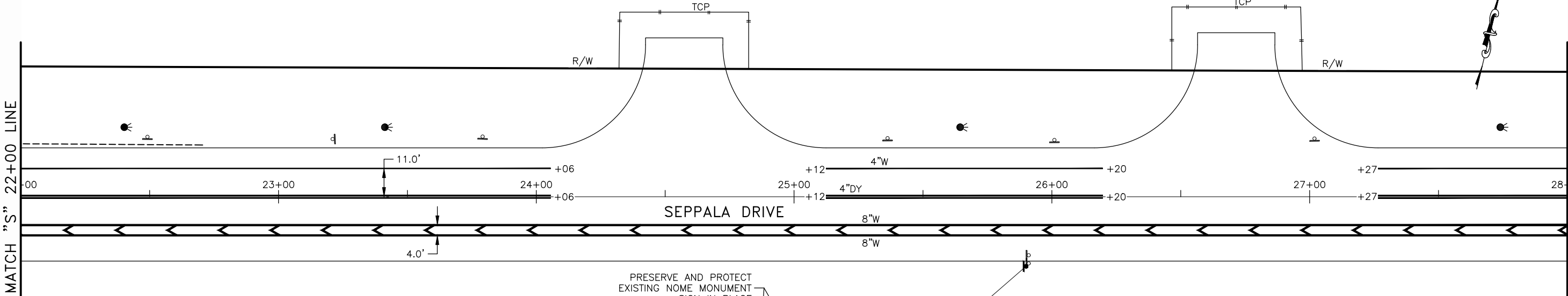
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	H2	H17



AIRPORT ROAD
SIGNING & STRIPING

PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C6001crst-17258FB-H4 Seppala Drive (2 of 6) Thu, Apr/10/25 01:46pm

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	H4	H17

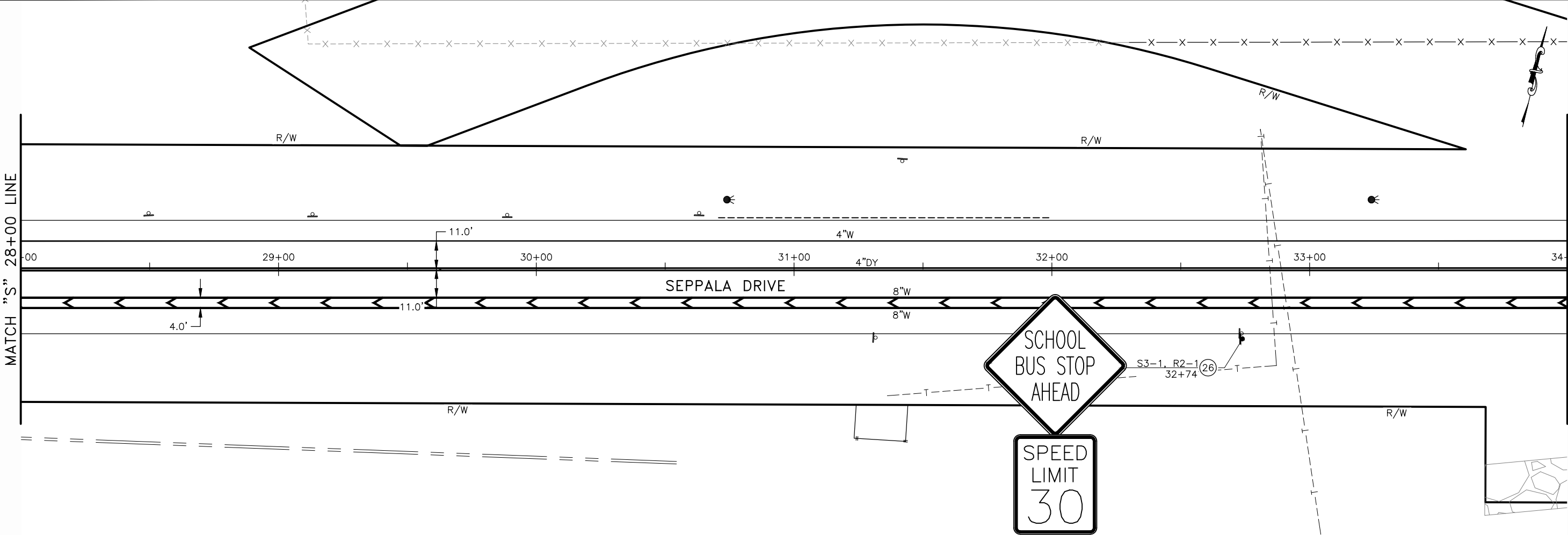


PRESERVE AND PROTECT
EXISTING NOME MONUMENT
SIGN IN PLACE

ADOPT
A
HIGHWAY
ROTARY CLUB
OF NOME

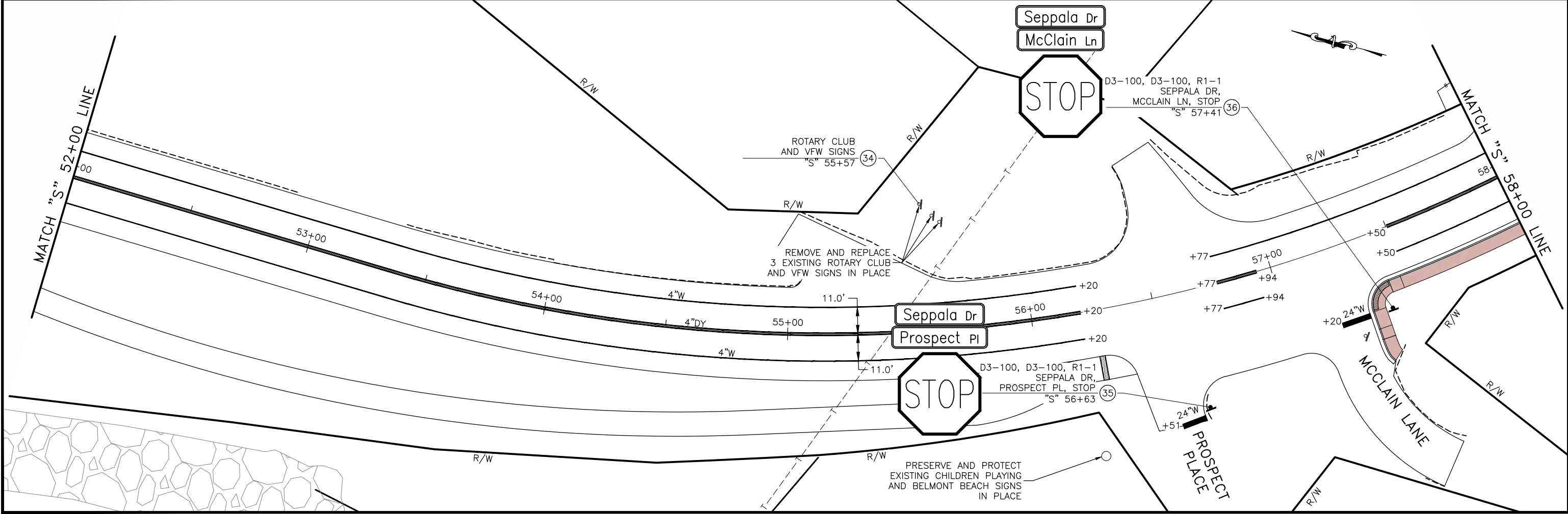
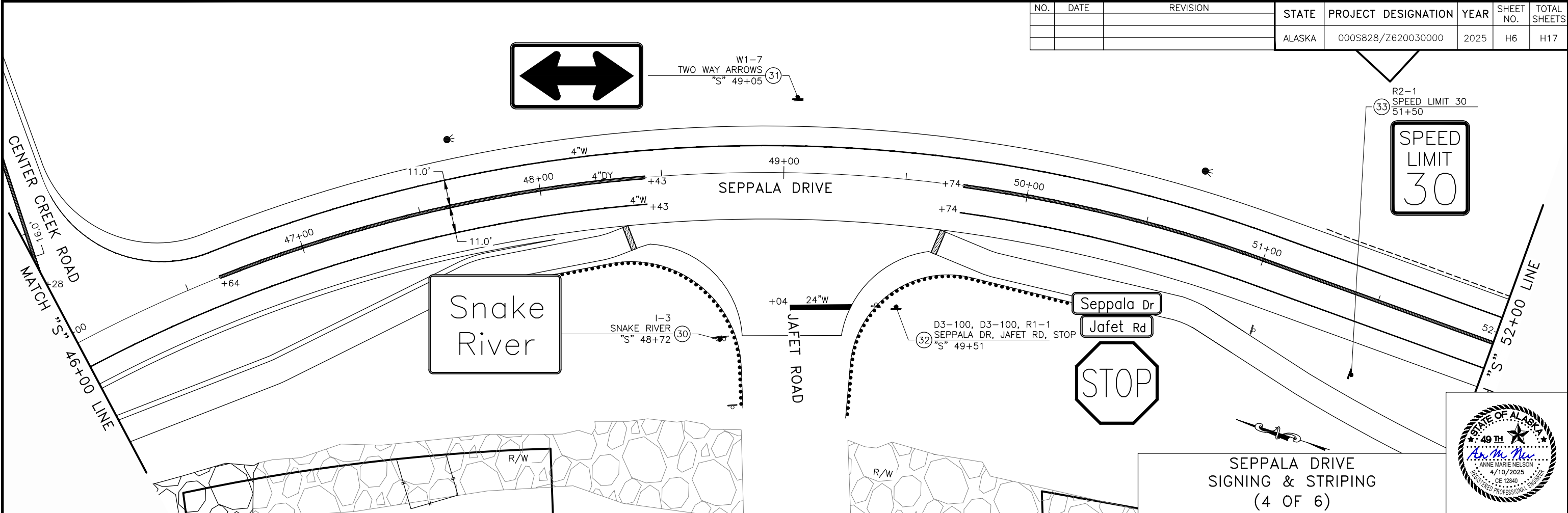
I-150
25+90 (25)

SEPPALA DRIVE
SIGNING & STRIPING
(2 OF 6)



S3-1, R2-1
32+74 (26)

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	000S828/Z620030000	2025	H6	H17



PLANS DEVELOPED BY: RESPEC, CERT. OF AUTHORIZATION NO.: AECC 163270, 2700 GAMBELL STREET, SUITE 500, ANCHORAGE, AK 99503, (907)743-3200
N:\Projects\17258FB-Seppala\C6001crst-17258FB-H6 Seppala Drive (4 of 6) Thu, Apr/10/25 01:47pm