

State of Alaska

Department of Transportation
and Public Facilities
Southeast Region



SHEET INDEX	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	EXISTING SITE & DEMOLITION PLAN
3	PROPOSED SITE PLAN
4	SITE LAYOUT PLAN
5-6	TYPICAL SECTIONS AND DETAILS
7	WATER AND SEWER TYPICAL SECTIONS
8	PURSERS SHELTER

KAKE FERRY TERMINAL PASSENGER FACILITY

KAKE, ALASKA

PROJECT No. DC-01320-00/69446

PLANSET A
UPLANDS

CHECKED BY:		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION			
		KAKE FERRY TERMINAL PASSENGER FACILITY PLANSET A			
		TITLE SHEET			
PATH: Q:\KAE\69446\PLANSET\PLANSET A\1_TITLE SHEET.DWG					
TAB: 1 Tuesday, July 30, 2013 9:05:17 AM KRISTINA R. LUHR					
REVISIONS		PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	DC-01320-00 69446	2013	1
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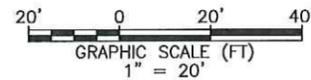
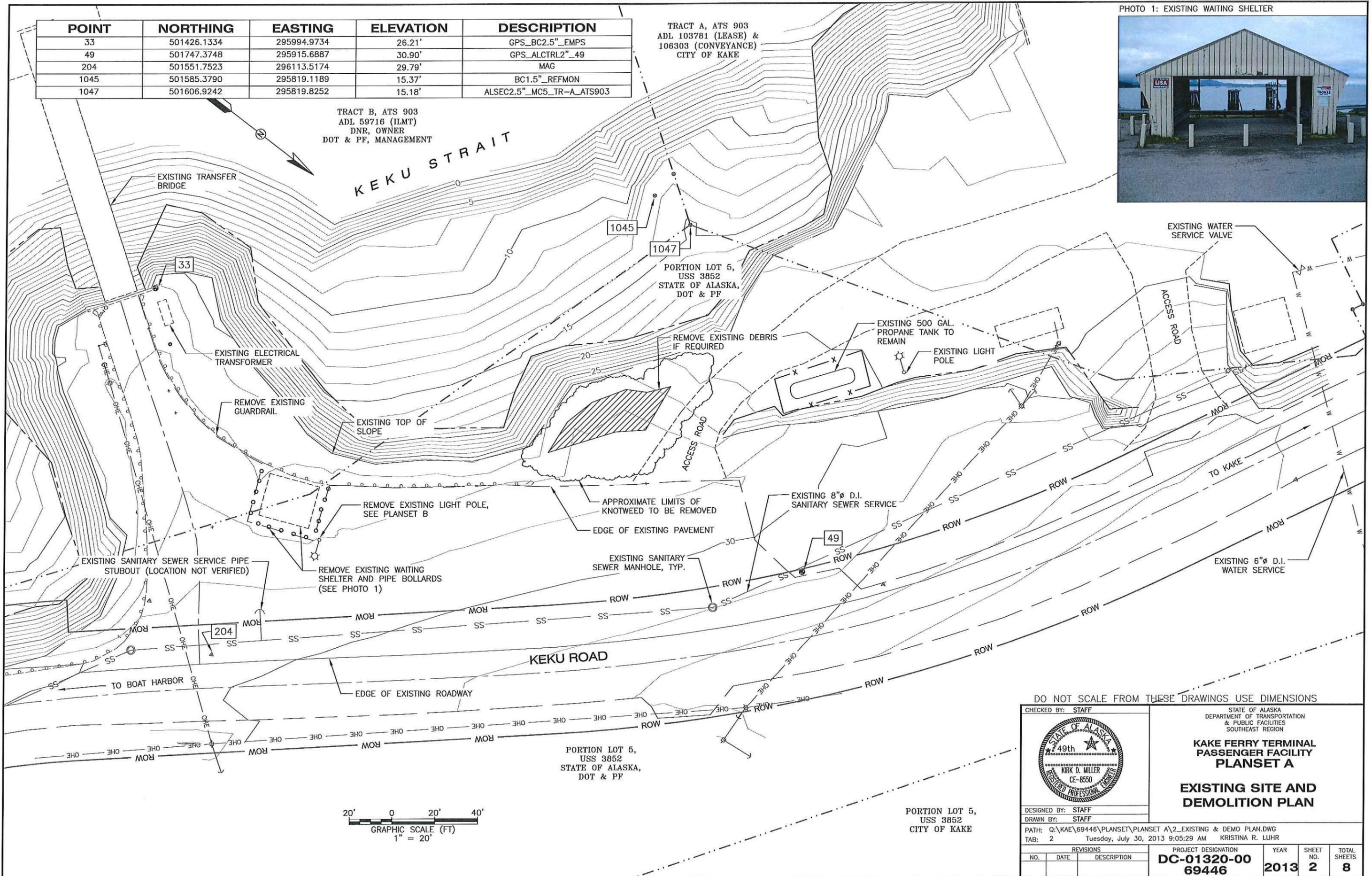
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204	501551.7523	296113.5174	29.79'	MAG
1045	501585.3790	295819.1189	15.37'	BC1.5" _REFMON
1047	501606.9242	295819.8252	15.18'	ALSEC2.5" _MC5_TR-A_ATS903

TRACT A, ATS 903
ADL 103781 (LEASE) &
106303 (CONVEYANCE)
CITY OF KAKE

TRACT B, ATS 903
ADL 59716 (ILMT)
DNR, OWNER
DOT & PF, MANAGEMENT

KEKU STRAIT

PHOTO 1: EXISTING WAITING SHELTER



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: STAFF

DESIGNED BY: STAFF
DRAWN BY: STAFF

PATH: Q:\KAE\69446\PLANSET\PLANSET A\2_EXISTING & DEMO PLAN.DWG
TAB: 2 Tuesday, July 30, 2013 9:05:29 AM KRISTINA R. LUHR

REVISIONS		PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE				

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

**KAKE FERRY TERMINAL
PASSENGER FACILITY
PLANSET A**

**EXISTING SITE AND
DEMOLITION PLAN**

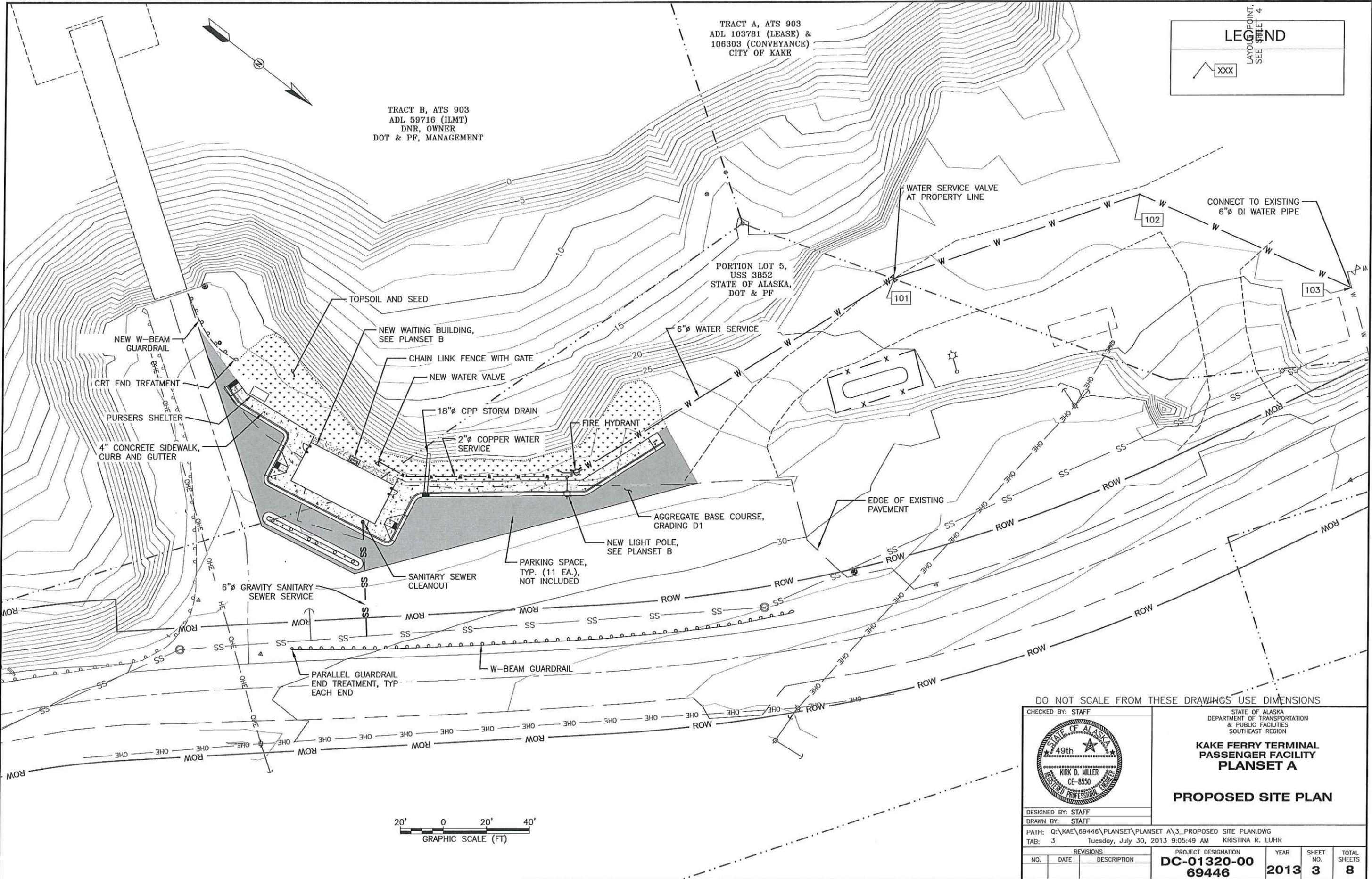
DC-01320-00
69446

2013 2 8

PORTION LOT 5,
USS 3852
CITY OF KAKE

PORTION LOT 5,
USS 3852
STATE OF ALASKA,
DOT & PF

PORTION LOT 5,
USS 3852
STATE OF ALASKA,
DOT & PF



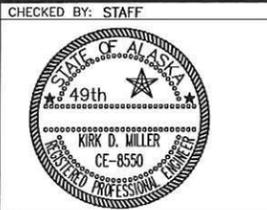
TRACT A, ATS 903
ADL 103781 (LEASE) &
106303 (CONVEYANCE)
CITY OF KAKE

TRACT B, ATS 903
ADL 59716 (ILMT)
DNR, OWNER
DOT & PF, MANAGEMENT

PORTION LOT 5,
USS 3852
STATE OF ALASKA,
DOT & PF

LEG POINT
IND
LAYOUT POINT, 4
SEE SHEET 4
XXX

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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

**KAKE FERRY TERMINAL
PASSENGER FACILITY
PLANSET A**

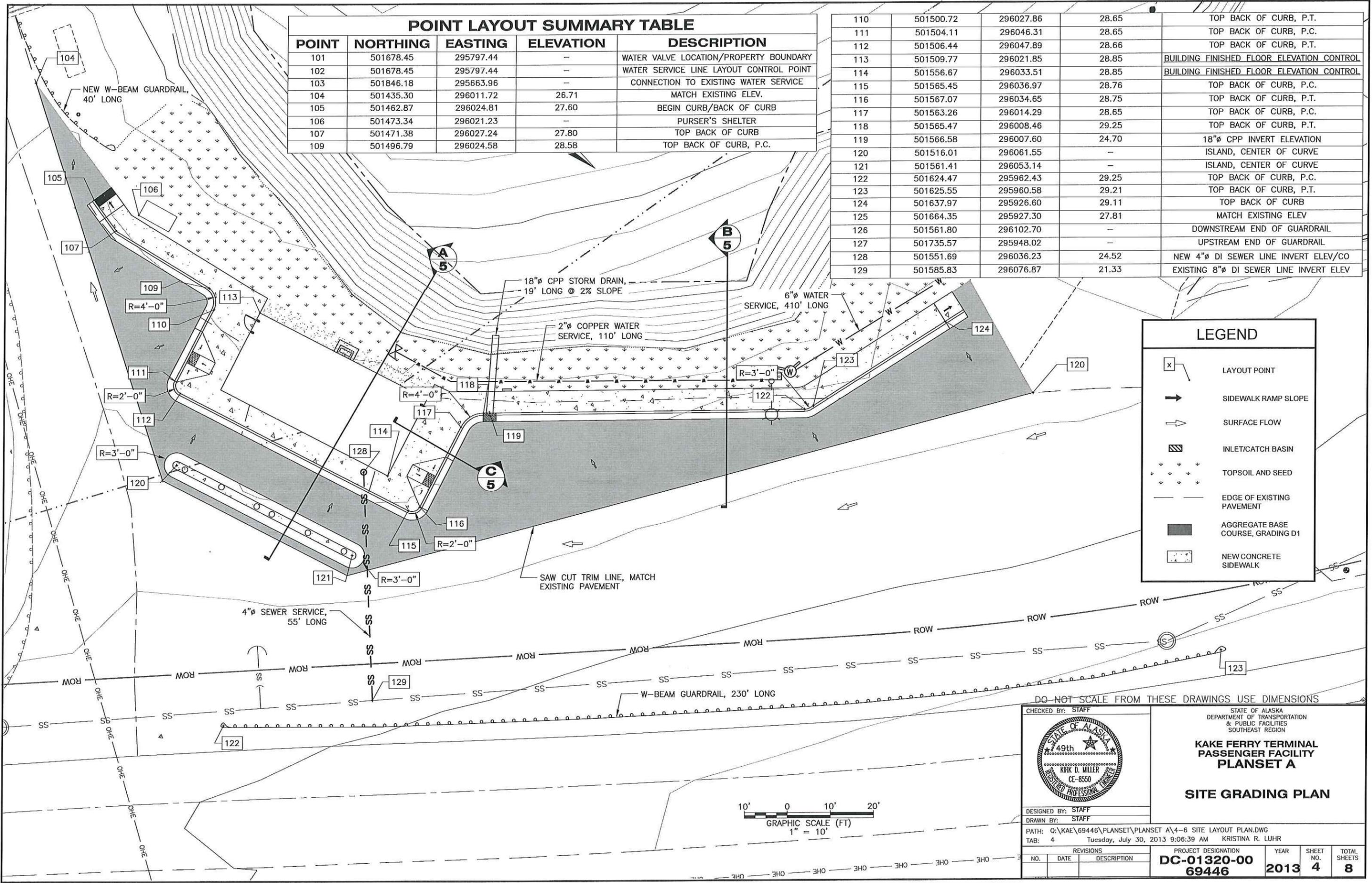
PROPOSED SITE PLAN

DESIGNED BY: STAFF	PROJECT DESIGNATION DC-01320-00 69446			YEAR 2013	SHEET NO. 3	TOTAL SHEETS 8	
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REVISIONS		NO.		DATE		DESCRIPTION	

POINT LAYOUT SUMMARY TABLE

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
101	501678.45	295797.44	-	WATER VALVE LOCATION/PROPERTY BOUNDARY
102	501678.45	295797.44	-	WATER SERVICE LINE LAYOUT CONTROL POINT
103	501846.18	295663.96	-	CONNECTION TO EXISTING WATER SERVICE
104	501435.30	296011.72	26.71	MATCH EXISTING ELEV.
105	501462.87	296024.81	27.60	BEGIN CURB/BACK OF CURB
106	501473.34	296021.23	-	PURSER'S SHELTER
107	501471.38	296027.24	27.80	TOP BACK OF CURB
109	501496.79	296024.58	28.58	TOP BACK OF CURB, P.C.

110	501500.72	296027.86	28.65	TOP BACK OF CURB, P.T.
111	501504.11	296046.31	28.65	TOP BACK OF CURB, P.C.
112	501506.44	296047.89	28.66	TOP BACK OF CURB, P.T.
113	501509.77	296021.85	28.85	BUILDING FINISHED FLOOR ELEVATION CONTROL
114	501556.67	296033.51	28.85	BUILDING FINISHED FLOOR ELEVATION CONTROL
115	501565.45	296036.97	28.76	TOP BACK OF CURB, P.C.
116	501567.07	296034.65	28.75	TOP BACK OF CURB, P.T.
117	501563.26	296014.29	28.65	TOP BACK OF CURB, P.C.
118	501565.47	296008.46	29.25	TOP BACK OF CURB, P.T.
119	501566.58	296007.60	24.70	18"Ø CPP INVERT ELEVATION
120	501516.01	296061.55	-	ISLAND, CENTER OF CURVE
121	501561.41	296053.14	-	ISLAND, CENTER OF CURVE
122	501624.47	295962.43	29.25	TOP BACK OF CURB, P.C.
123	501625.55	295960.58	29.21	TOP BACK OF CURB, P.T.
124	501637.97	295926.60	29.11	TOP BACK OF CURB
125	501664.35	295927.30	27.81	MATCH EXISTING ELEV
126	501561.80	296102.70	-	DOWNSTREAM END OF GUARDRAIL
127	501735.57	295948.02	-	UPSTREAM END OF GUARDRAIL
128	501551.69	296036.23	24.52	NEW 4"Ø DI SEWER LINE INVERT ELEV/CO
129	501585.83	296076.87	21.33	EXISTING 8"Ø DI SEWER LINE INVERT ELEV



LEGEND

- [X] LAYOUT POINT
- [Arrow] SIDEWALK RAMP SLOPE
- [Arrow] SURFACE FLOW
- [Hatched Box] INLET/CATCH BASIN
- [Dotted Box] TOPSOIL AND SEED
- [Dashed Line] EDGE OF EXISTING PAVEMENT
- [Solid Grey Box] AGGREGATE BASE COURSE, GRADING D1
- [Dotted Box] NEW CONCRETE SIDEWALK

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CHECKED BY: STAFF

DESIGNED BY: STAFF
DRAWN BY: STAFF

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

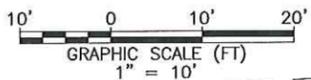
KAKE FERRY TERMINAL PASSENGER FACILITY PLANSET A

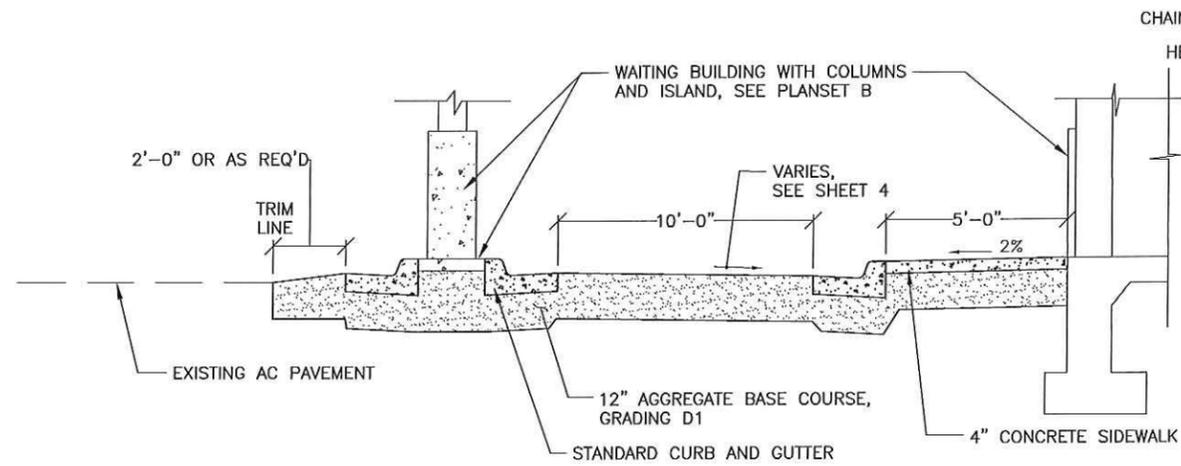
SITE GRADING PLAN

49th
KIRK D. MILLER
CE-8550
REGISTERED PROFESSIONAL ENGINEER

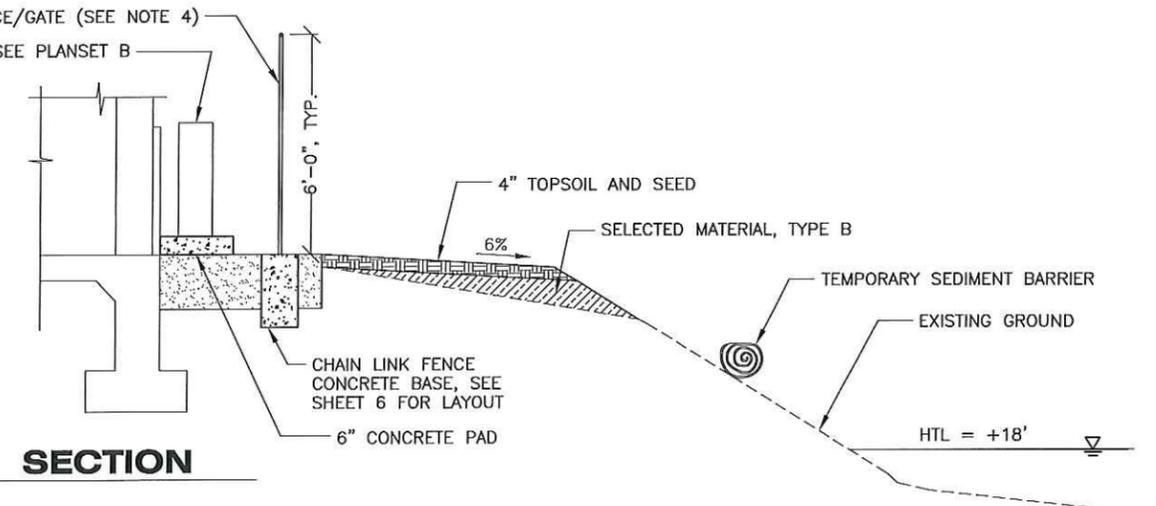
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REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION				
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			69446			

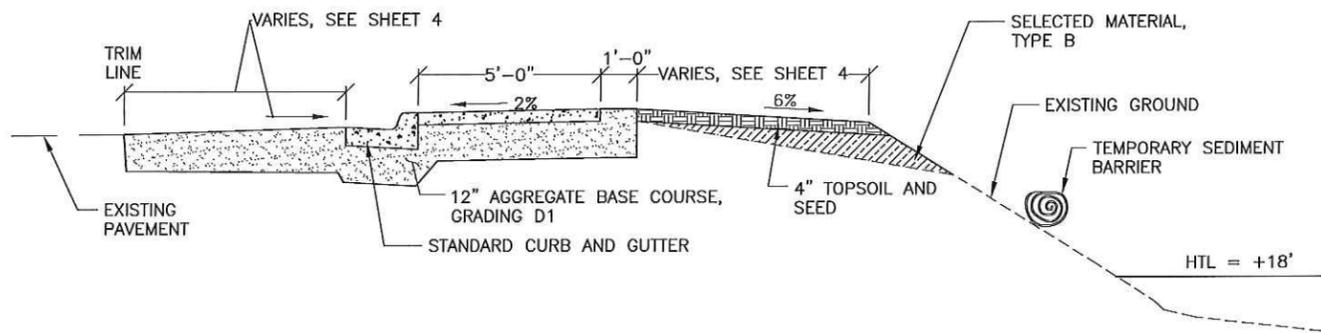




A
5

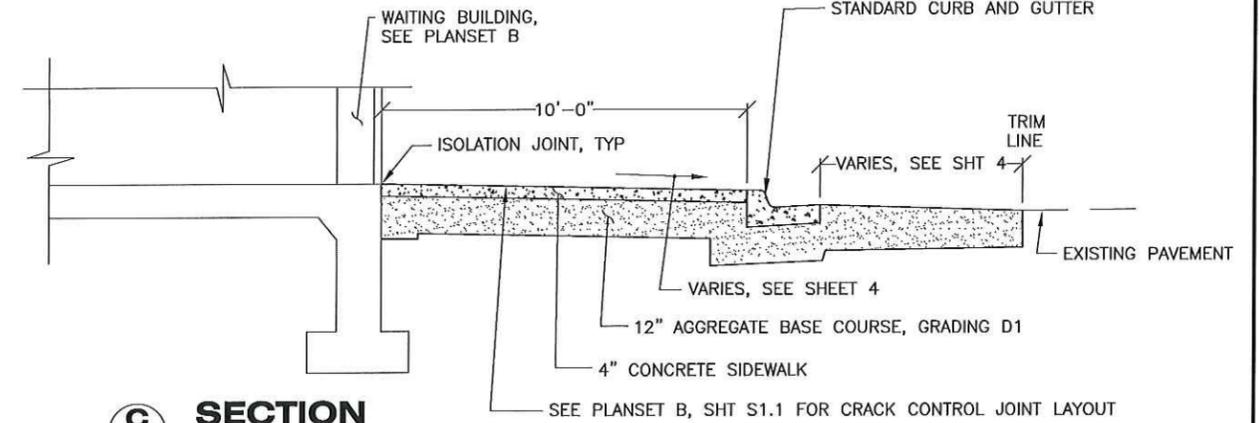


SECTION



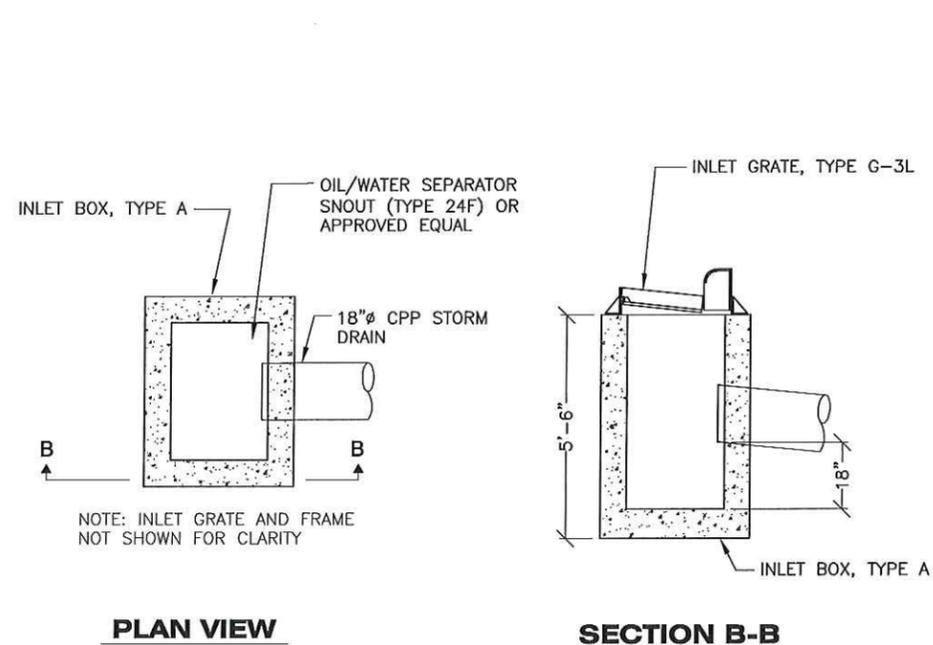
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SECTION

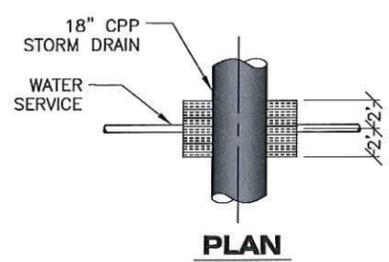
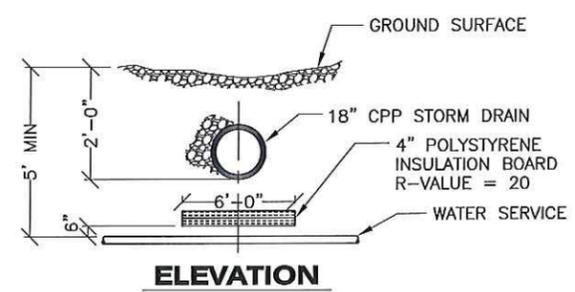


C
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SECTION

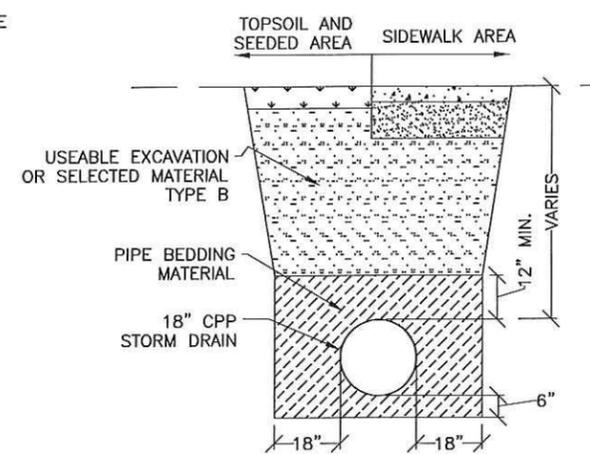


STANDARD CURB INLET



PIPE CROSSING

NOTE: WRAP AROUND INSULATION WITH R-VALUE EQUAL TO 20 MAY BE SUBSTITUTED FOR BOARD INSULATION IF APPROVED BY THE ENGINEER



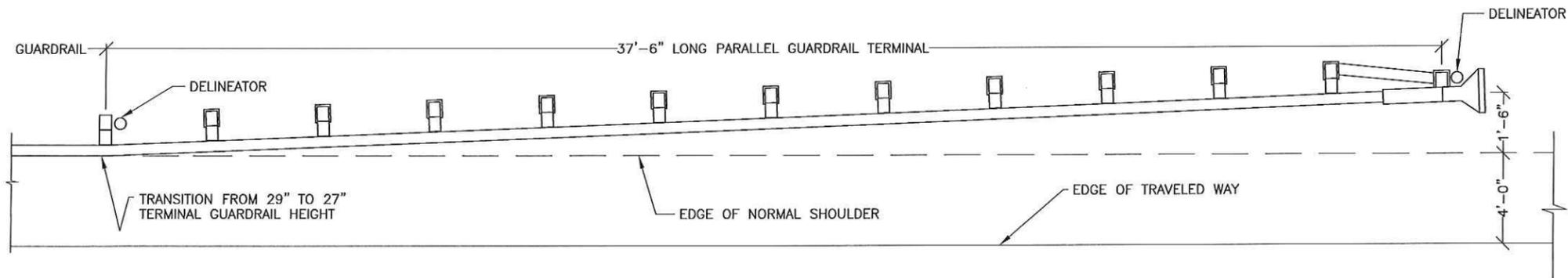
STORM DRAIN TYPICAL

NOTES

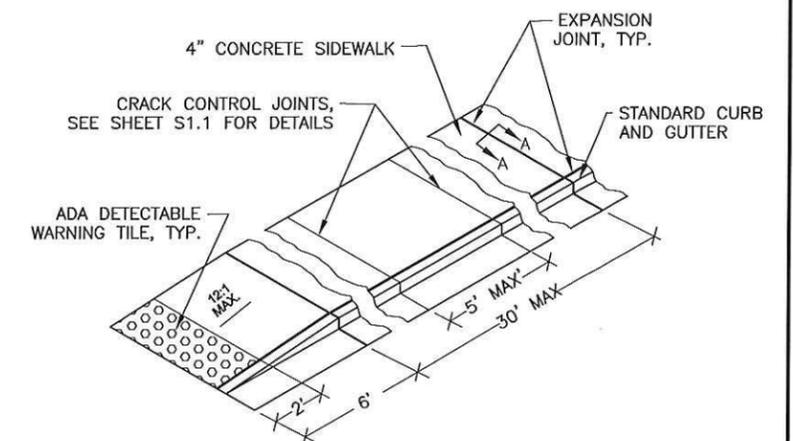
1. SEE STD. DWG I-20.14 FOR STANDARD CURB AND GUTTER DETAILS
2. SEE STD. DWG D-26.02 FOR INLET STRUCTURE DETAILS NOT SHOWN
3. SEE STD. DWG D-23.01 FOR STANDARD CURB INLET DETAILS
4. SEE STD. DWG F-01.01 FOR CHAIN LINK FENCE AND F-03.01 FOR CHAIN LINK FENCE GATE DETAILS.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: STAFF		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION	
		KAKE FERRY TERMINAL PASSENGER FACILITY PLANSET A	
DESIGNED BY: STAFF		PROJECT DESIGNATION	
DRAWN BY: STAFF		DC-01320-00	
PATH: Q:\KAE\69446\PLANSET\PLANSET A\4-6 SITE LAYOUT PLAN.DWG		69446	
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		2013	5
		TOTAL SHEETS	8



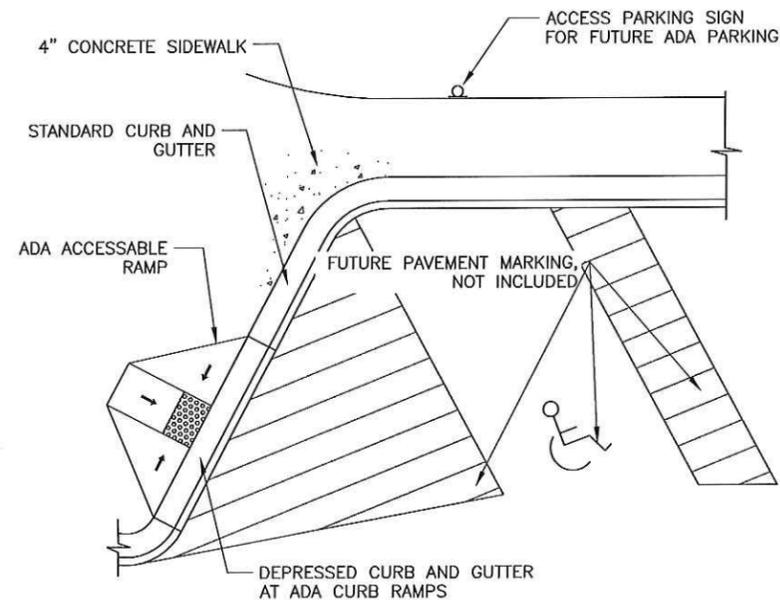
PARALLEL GUARDRAIL TERMINAL



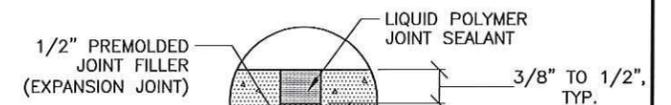
RAMP & SIDEWALK

GUARDRAIL NOTES:

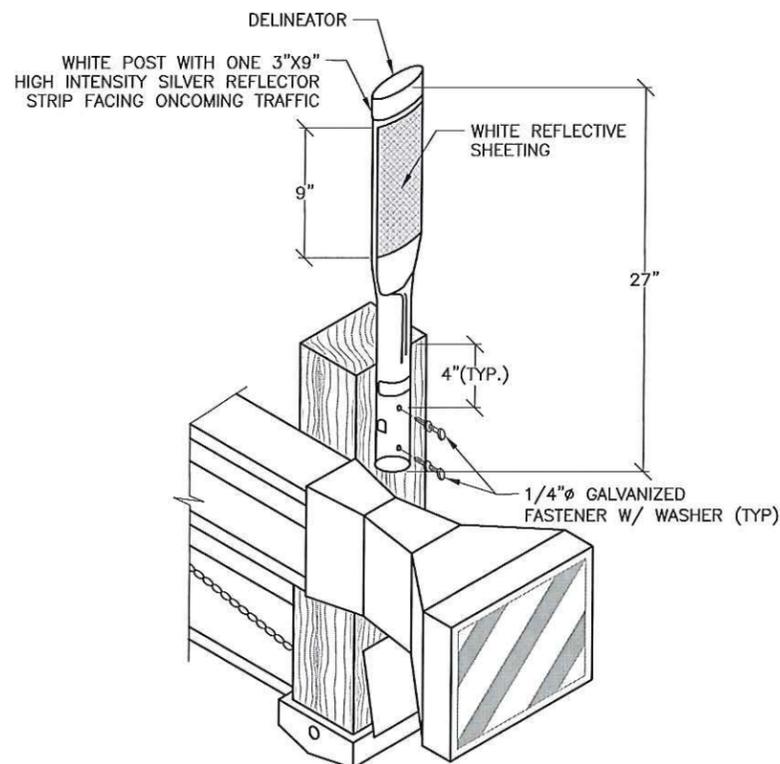
1. REFER TO STD. DWG G-00.02, G-04.10S OR G-04.10W, G-10.01 AND G-20.11 FOR OTHER GUARDRAIL INSTALLATION DETAILS.
2. USE PARALLEL GUARDRAIL TERMINAL END TREATMENT FOR EACH END OF THE 230'-LONG W-BEAM GUARDRAIL.
3. USE DOWNSTREAM END ANCHOR FOR THE 40'-LONG W-BEAM GUARDRAIL. REFER TO STD. DWG G-13.00 FOR DETAILS



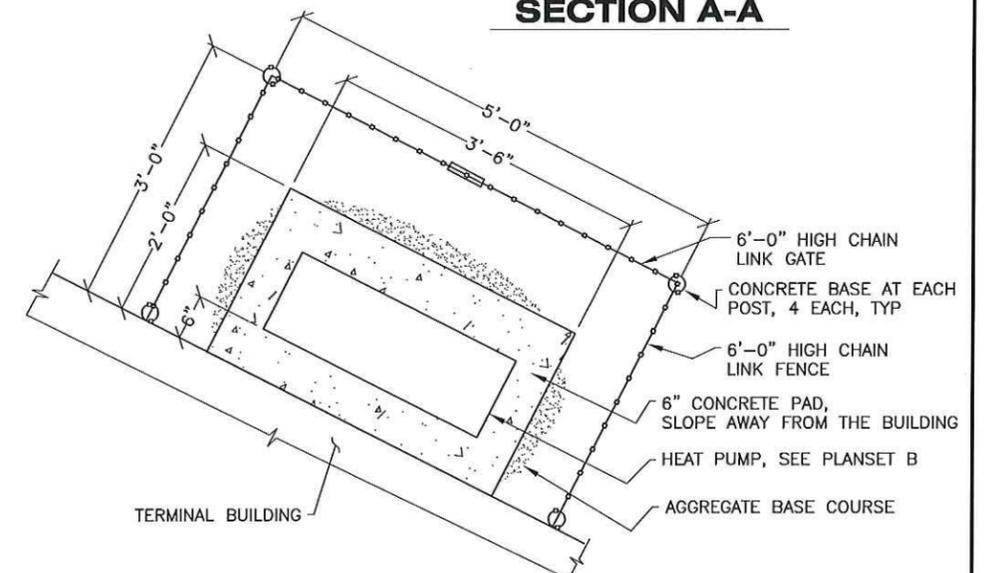
ACCESSIBLE PARKING



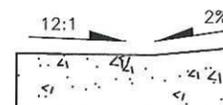
SECTION A-A



FLEXIBLE GUARDRAIL DELINIATOR



CHAIN LINK FENCE LAYOUT



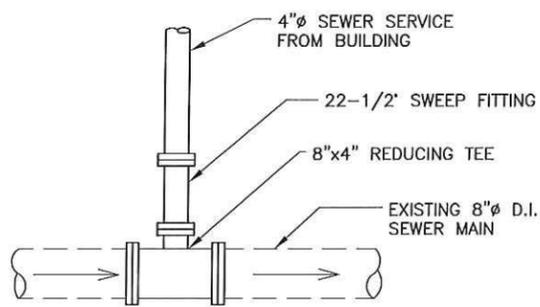
DEPRESSED CURB AND GUTTER

ADA REQUIREMENTS NOTES:

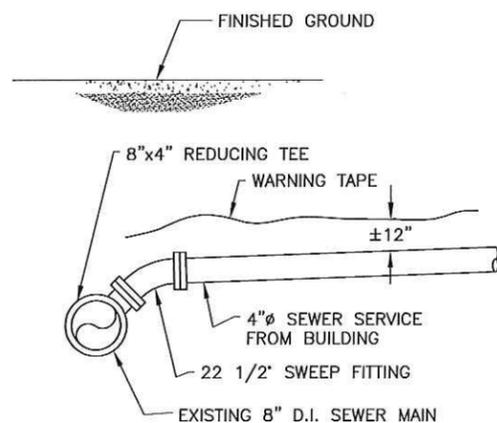
1. REFER TO STD. DWG I-21.02 FOR CURB RAMP AND CURB INSTALLATION DETAILS
2. USE 2% MAXIMUM CROSS SLOPE AT SIDEWALKS, REQUIRED CLEAR SPACES AT BUILDING DOORS, ANY DIRECTION OF ADA PARKING STALLS AND ACCESSIBLE ROUTES.
3. USE R7-8 SIGN WITH R7-8A PLAQUE FOR ACCESS PARKING, IN ACCORDANCE WITH ASDS. REFER TO STD. DWG S-00.11 AND STD DWG S-05.01 FOR POST HEIGHT AND SIGN FRAMING. REFER TO STD. DWG S-20.10 FOR SIGN TO POST CONNECTION AND S-30.03 FOR SLEEVE-TYPE CONCRETE FOUNDATION.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: STAFF		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION	
		KAKE FERRY TERMINAL PASSENGER FACILITY PLANSET A	
DESIGNED BY: STAFF		MISCELLANEOUS DETAILS	
DRAWN BY: STAFF		PROJECT DESIGNATION DC-01320-00 69446	
PATH: Q:\KAE\69446\PLANSET\PLANSET A\4-6 SITE LAYOUT PLAN.DWG TAB: 6 Tuesday, July 30, 2013 9:08:21 AM KRISTINA R. LUHR		YEAR	SHEET NO.
NO.	DATE	DESCRIPTION	TOTAL SHEETS
			2013 6 8



PLAN

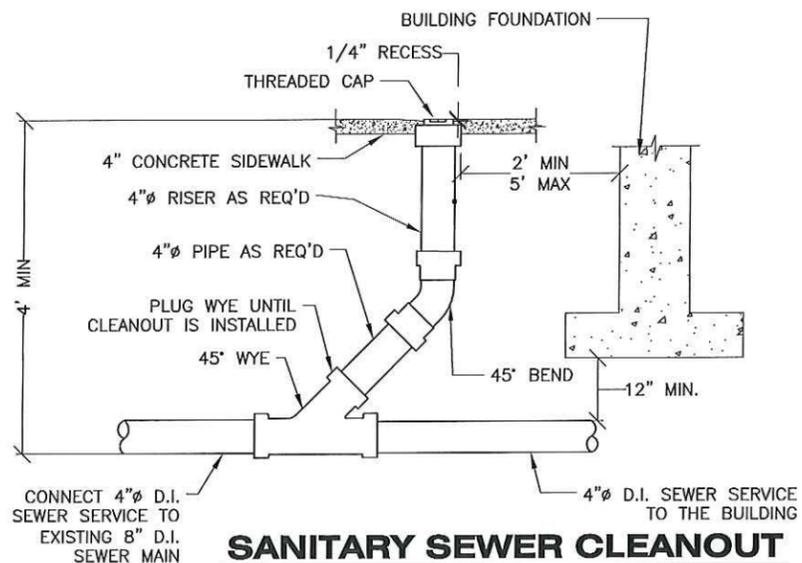


ELEVATION

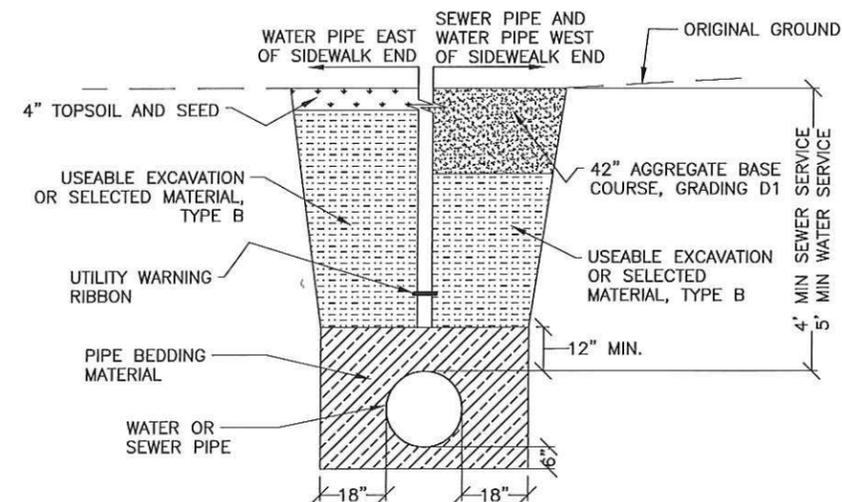
SEWER SERVICE CONNECTION

SEWER SERVICE CONNECTION DETAILS

1. SEWER SERVICE PIPE SHALL BE DUCTILE IRON, PVC OR CAST IRON. SEE SPECIFICATIONS.
2. 8" DOUBLE STRAP SERVICE SADDLE OR EQUAL MAY BE SUBSTITUTED FOR A REDUCING TEE (SEE CBJ STANDARD 210).
3. DISTANCE FROM TEE TO MANHOLE, AND TWO MEASURED DISTANCES FROM END OF SERVICE PIPE TO PERMANENT OBJECTS, SHALL BE NOTED ON AS-BUILT PLANS.
4. MATERIALS AND INSTALLATION OF THE BUILDING DRAIN SHALL CONFORM TO THE UNIFORM PLUMBING CODE. SDR 35 PVC IS NOT AN APPROVED MATERIAL FOR USE UNDER OR INSIDE THE FOUNDATION.



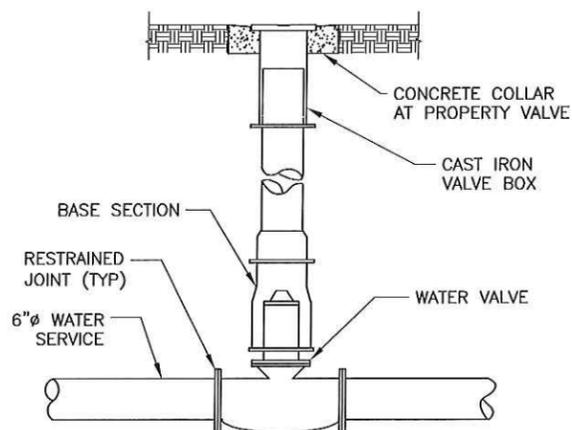
SANITARY SEWER CLEANOUT



UTILITY TRENCH

UTILITY TRENCH NOTE:

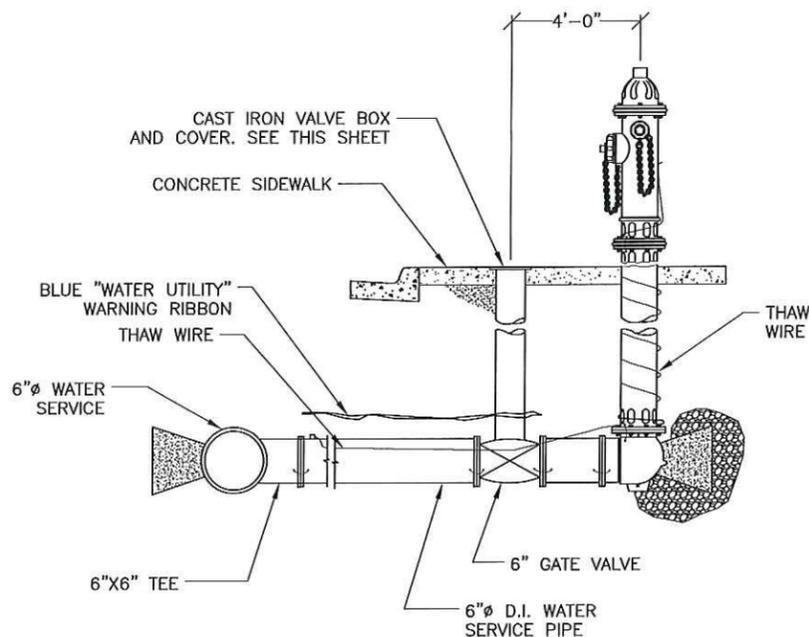
UTILIZE USABLE EXCAVATED MATERIALS FOR TRENCH BACKFILL EXCEPT WHERE EXISTING MATERIALS ARE DEEMED UNSUITABLE BY THE ENGINEER FOR RE-USE. IMPORTED OR SELECTED MATERIALS FOR TRENCH BACKFILL SHALL ONLY BE UTILIZED AND PAID FOR WHEN AUTHORIZED BY THE ENGINEER.



MAINLINE VALVE

MAIN VALVE NOTES:

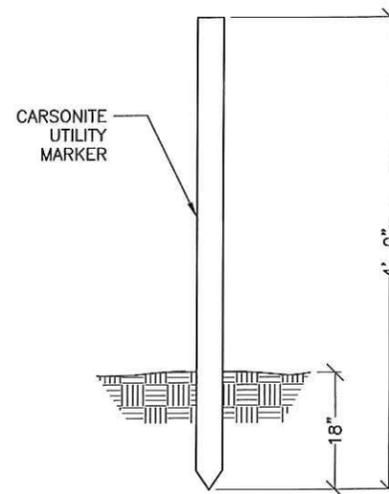
1. SEE CBJ STANDARD 407 FOR MAINLINE VALVE DETAILS NOT SHOWN.
2. SEE CBJ STANDARD 406A FOR WATER SERVICE CONNECTION DETAIL.
3. VALVE BOX RISER EXTENSIONS SHALL BE DUCTILE IRON PIPE.
4. THE CAST IRON COVER IS TO HAVE WATER OR W CAST WITH RAISED LETTERING INTO TOP OF SURFACE.
5. IN AREAS OUTSIDE THE TRAVELED WAY VALVE BOXES SHALL BE EXTENDED 6" TO 12" ABOVE GRADE.
6. VALVE BOX LOCATIONS SHALL BE CLEARED OF ALL OBSTRUCTIONS BY A MINIMUM OF 3' IN ALL DIRECTIONS.
7. INSTALL UTILITY MARKER NEAR VALVE BOX AT ALL AREAS. SEE THIS SHEET.
8. 6" WATER SERVICE PIPE SHALL BE DUCTILE IRON OR PVC. SEE SPECIFICATIONS.
9. SEE CBJ STANDARD 126 FOR CONCRETE COLLAR FOR WATER VALVE AT PROPERTY BOUNDARY ONLY.



FIRE HYDRANT

FIRE HYDRANT NOTE:

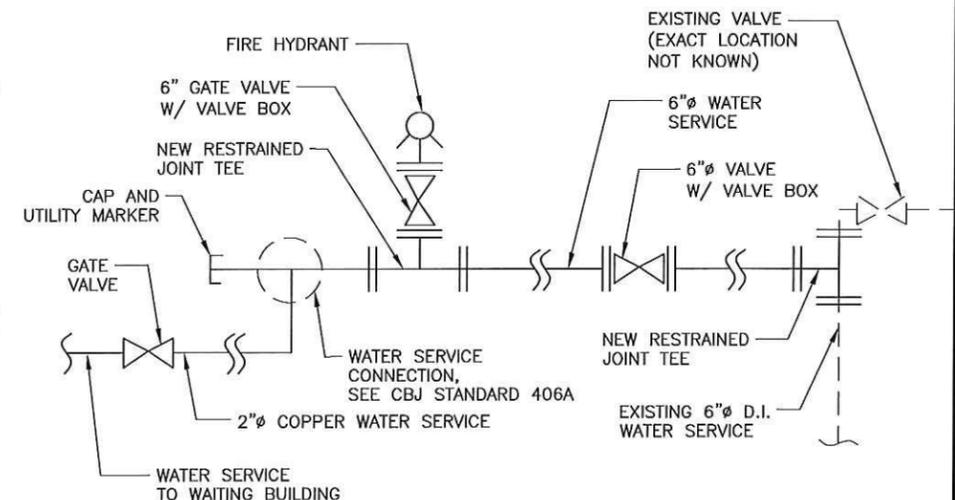
SEE CBJ STANDARD 403 FOR DETAILS NOT SHOWN.



UTILITY MARKER

UTILITY MARKER NOTE:

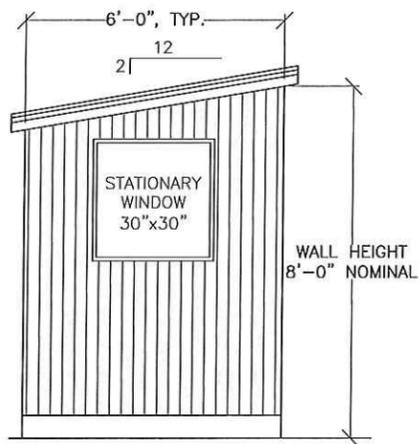
INSTALL BLUE UTILITY MARKERS AT NEW WATER SERVICE TERMINATIONS AND FIRE HYDRANT INSTALLATIONS



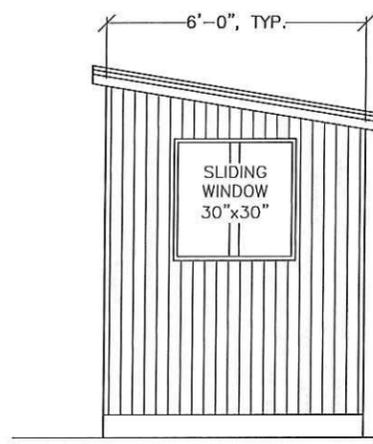
WATER SERVICE CONNECTION

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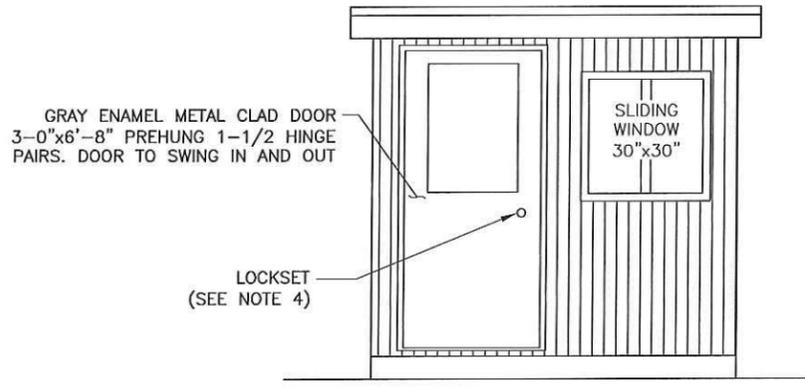
CHECKED BY: STAFF		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION	
		KAKE FERRY TERMINAL PASSENGER FACILITY PLANSET A	
DESIGNED BY: STAFF		PROJECT DESIGNATION	
DRAWN BY: STAFF		DC-01320-00	
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TAB: 7 Tuesday, July 30, 2013 9:08:58 AM KRISTINA R. LUHR		2013	
NO. DATE DESCRIPTION		SHEET NO.	
		7	
		TOTAL SHEETS	
		8	



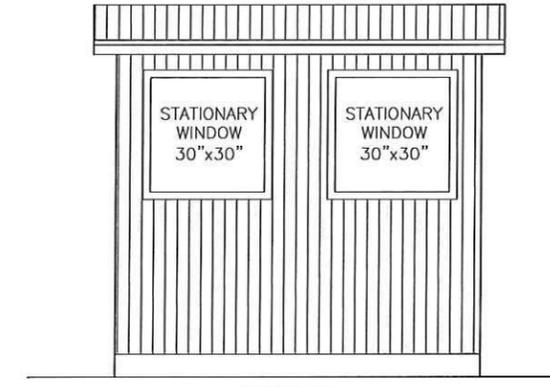
SOUTH



NORTH



EAST

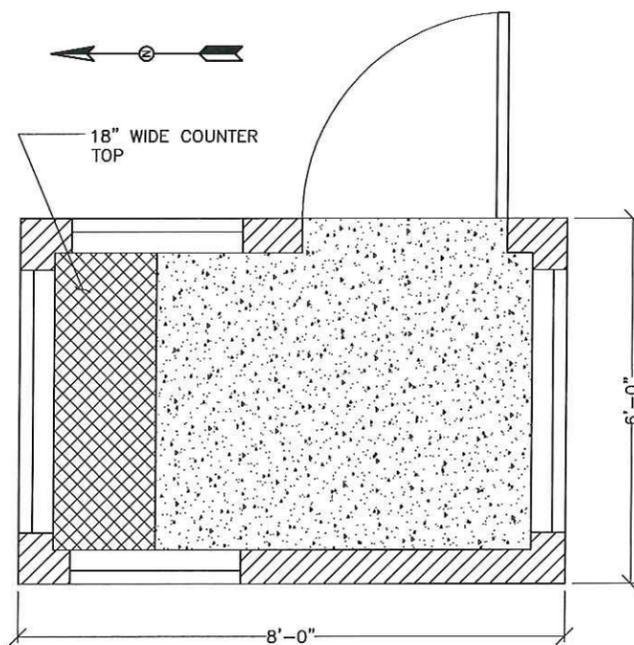


WEST

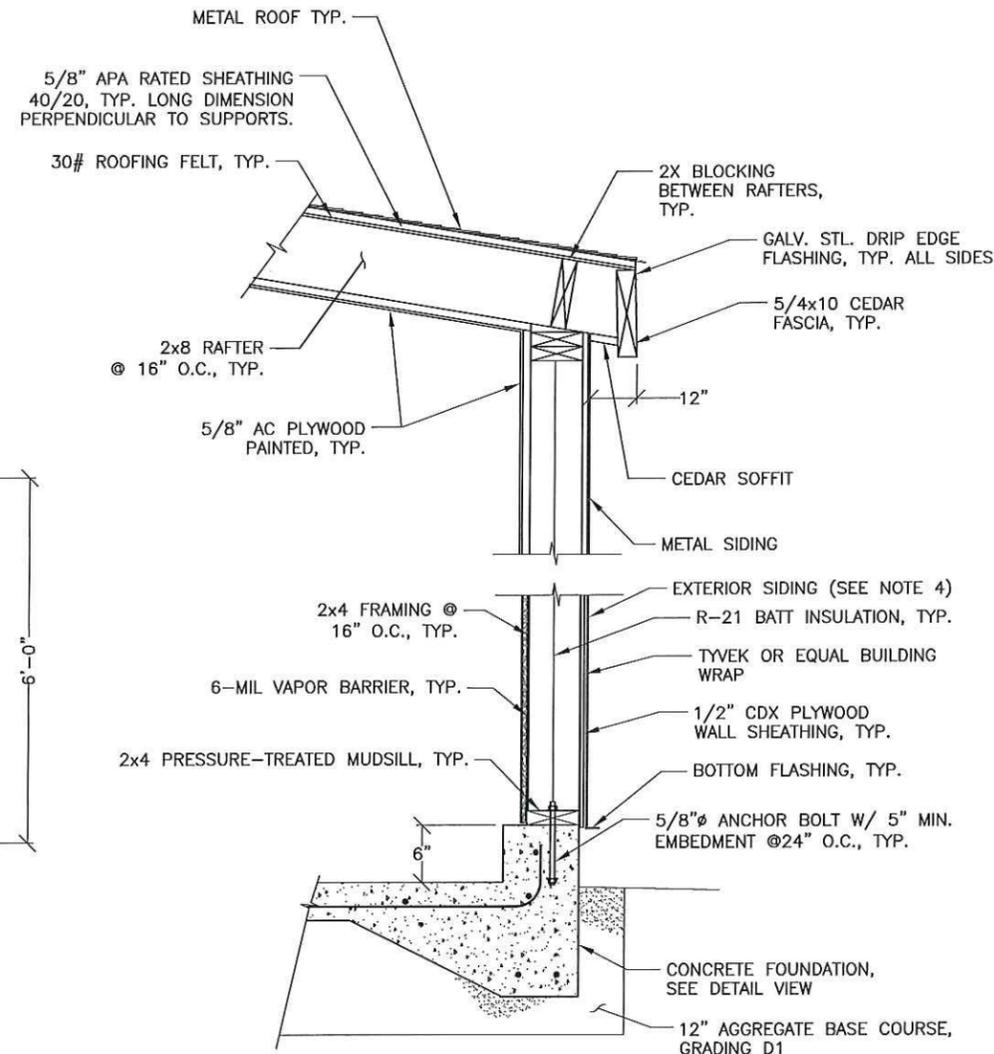
ELEVATION VIEWS

NOTES:

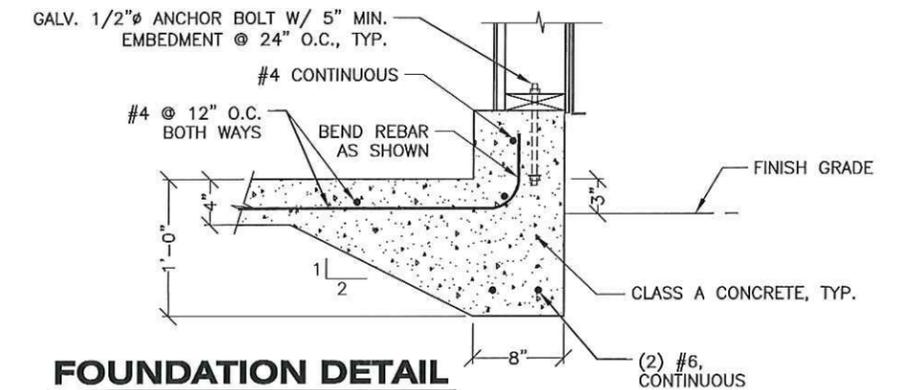
1. CONTRACTOR'S OPTION TO CONSTRUCT PURSER SHELTER SHOWN OR SUPPLY PRE-MANUFACTURED PARKUT STANDARD BOOTH MODEL 84, B.I.G. INTERNATIONAL STANDARD STEEL BOOTH MODEL DC46A, OR APPROVED EQUAL.
2. BUILDING SHALL BE EQUIPPED IN ELECTRIC LIGHT AND ELECTRIC POWER RECEPTICLE. SEE PLANSET B FOR ELECTRICAL DRAWINGS.
3. DOOR LOCKSETS SHALL BE THE TYPE AND STYLE PER SECTION 087100, VOLUME II OF THE SPECIFICATIONS, AND SHALL BE KEYED TO THE AMHS MASTER-KEY SYSTEM.
4. WINDOWS AND DOORS SHALL MEET THE DIMENSIONS SHOWN AND SHALL BE INSTALLED PER DETAILS ON SHEET A5.4 AND AS SPECIFIED IN VOLUME II OF THE SPECIFICATIONS. TRIM TO BE 1X3 CEDAR OR SIMILAR.
5. INSTALL HURRICANE TIES AT RAFTERS. FLASHING TO BE INSTALLED ON ALL EDGES OF ROOF & BASE OF WALLS.



FLOOR PLAN



TYPICAL WALL SECTION



FOUNDATION DETAIL

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: STAFF		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION	
		KAKE FERRY TERMINAL PASSENGER FACILITY PLANSET A	
		PURSER'S SHELTER	
DESIGNED BY: STAFF		PROJECT DESIGNATION	
DRAWN BY: STAFF		DC-01320-00	
PATH: Q:\KAE\69446\PLANSET\PLANSET A\8 PURSER'S SHELTER.DWG		YEAR	SHEET
TAB: 8 Tuesday, July 30, 2013 9:09:09 AM KRISTINA R. LUHR		2013	8
REVISIONS		TOTAL	SHEETS
NO.	DATE	DESCRIPTION	8
		69446	8