

HILCORP ALASKA, LLC

LIBERTY DEVELOPMENT ONSHORE/OFFSHORE PIPELINES CIVIL/STRUCTURAL/MECHANICAL ISSUED FOR ROW APPLICATION REV A

EPT NUMBER 45050601
SAP NUMBER —
PARENT W.O. —

HILCORP PROJECT MANAGER

MICHAEL BAKER PROJECT MANAGER

MICHAEL BAKER MECHANICAL ENGINEER

MICHAEL BAKER STRUCTURAL ENGINEER

MICHAEL BAKER CIVIL ENGINEER

Michael Baker 7/28/17

Josh Greenhill 7/28/17

Mat Mollenkopf 7.28.17

Michael Baker 7/28/17

JENNIFER GARDNER
907-777-8321

MICHAEL OLIVE
907-273-1625

JOSH GREENHILL
907-273-1636

MAT MOLLENKOPF
907-273-1669

RAEANNE HEBNES
907-273-1618

Michael Baker

INTERNATIONAL

CHANGES TO THE SEALED DRAWINGS NOT AUTHORIZED IN WRITING BY THE
STAMPING ENGINEER SHALL VOID THE SEAL ON THE ENTIRE DRAWING.

PROJECT SCOPE OF WORK (SOW)

THE FOLLOWING IS A SUMMARY OF THE OVERALL SCOPE OF WORK RELATED TO THE CONSTRUCTION OF LIBERTY ONSHORE AND OFFSHORE PIPELINES, SUPPORTING FACILITIES, AND STRUCTURES. THE INTENT OF THIS PRELIMINARY DESIGN PACKAGE (APPROXIMATELY 30%) IS TO SUPPORT THE COST ESTIMATE AND PLANNING FOR SUBSEQUENT DETAILED DESIGN PHASES. THE PACKAGE REPRESENTS ALL ASPECTS OF PIPELINE CONSTRUCTION WORK FROM THE LIBERTY DRILLING AND PRODUCTION ISLAND (LDPI) TO THE PROPOSED TIE-IN POINT ON THE BADAMI SALES OIL PIPELINE (BSOP) AND HAS NOT BEEN SUBDIVIDED INTO SPECIFIC CONTRACTOR WORK SCOPES.

A LAUNCHER MODULE AND METERING MODULE WILL BE INCLUDED IN THE FINAL SYSTEM DESIGN, BUT HAS NOT BEEN ADVANCED AT THIS TIME. FOR CLARITY, ESTIMATED MODULE FOOTPRINTS AND APPROXIMATE LOCATIONS ARE INDICATED IN THE DRAWINGS.

BY DISCIPLINE, THE LIBERTY PIPELINE SCOPE OF WORK IS SUMMARIZED BELOW.

CIVIL SCOPE OF WORK

TWO GRAVEL PADS WILL BE CONSTRUCTED; AN ICE ROAD ACCESS PAD TO MAINTAIN EAST/WEST ACCESS ALONG THE EXISTING ICE ROAD CORRIDOR, AND A TIE-IN PAD AT THE BSOP. IT IS ASSUMED THE GRAVEL PADS WILL BE INSTALLED PRIOR TO PIPELINE INSTALLATION WORK.

GRAVEL REMOVAL AND PLACEMENT WILL BE REQUIRED AT THE SHORE TRANSITION. THIS WORK WILL SUPPORT THE OFFSHORE PIPELINE INSTALLATION AND WILL TAKE PLACE IN THE SAME SEASON.

CIVIL WORKS WILL INCLUDE INSTALLATION OF THE FOLLOWING:

1. APPROXIMATELY 3,500 CY OF GRAVEL FOR THE BSOP TIE-IN PAD.
2. APPROXIMATELY 950 CY OF GRAVEL FOR THE ICE ROAD CROSSING.
3. NPS 24 X 0.500" WT AND NPS 16 X 0.500" WT CASING PIPE WITHIN THE ICE ROAD CROSSING PAD.
4. FILL WILL BE REMOVED AND REPLACED WITH GRAVEL AT THE SHORE TRANSITION.
5. ISLAND APPROACH, INCLUDING TEMPORARY AND PERMANENT SHEET PILING WILL BE DESIGNED AND INSTALLED BY OTHERS AND IS NOT INCLUDED IN THIS SCOPE OF WORK.
6. INSULATION BENEATH GRAVEL WILL BE INSTALLED PER THE CONSTRUCTION DRAWINGS.

ONSHORE PIPELINE WORK

ONSHORE PIPELINE CONSTRUCTION IS EXPECTED TO BE INDEPENDENT OF OFFSHORE PIPELINE CONSTRUCTION AND CAN COMMENCE ANY TIME AFTER THE GRAVEL PADS ARE IN PLACE. ONSHORE PIPELINE CONSTRUCTION WILL INCLUDE THE FOLLOWING:

1. APPROXIMATELY 1.5 MILES OF NPS 12 X 0.438" WT AND NPS 4 X 0.300" WT PIPELINE AND ASSOCIATED SUPPORT STRUCTURES (VSM AND CROSSBEAM) WILL BE INSTALLED BETWEEN THE BSOP TIE-IN PAD AND THE SHORE TRANSITION. ONE ICE ROAD CROSSING EXISTS ALONG THIS ROUTE.
2. ANCHOR, GUIDE, AND SLIDE SADDLES WILL BE INSTALLED FOR EACH NEW PIPELINE.
3. TUNED VIBRATION ABSORBERS (TVA) WILL BE INSTALLED ALONG PIPELINES REQUIRING WIND INDUCED VIBRATION (WIV) MITIGATION AS INDICATED IN THE DESIGN DRAWINGS.
4. MESSENGER CABLE ATTACHMENTS, MESSENGER CABLE, AND FIBER OPTIC CABLES (FOC) WILL BE INSTALLED FROM SHORE TRANSITION TO THE BSOP TIE-IN PAD AS SHOWN IN THE DESIGN DRAWINGS.
5. EACH PIPELINE WILL BE HYDROSTATICALLY TESTED PER CLIENT SPECIFICATION AND BOTH PIPELINES WILL BE BLINDED AT EACH END WITH A 3/4-INCH BLEED PENDING FINAL TIE-IN TO THE OFFSHORE PIPELINE SEGMENT AND EQUIPMENT AT THE BSOP TIE-IN PAD.

OFFSHORE PIPELINE WORK

1. APPROXIMATELY 5.6 MILE OF NEW OFFSHORE PIPELINES WILL BE INSTALLED BETWEEN THE SHORE TRANSITION AND THE LDPI. PIPELINES WILL BE CONSOLIDATED IN A BUNDLE WHICH INCLUDES A NPS 12 X 0.500" WT INNER PIPE INSIDE AN NPS 16 X 0.625" WT OUTER PIPE, FIBER OPTIC CABLE, AND A NPS 4 UTILITY PIPELINE.
2. BULKHEAD FITTINGS CONNECTING THE NPS 16 OUTER PIPE TO THE NPS 12 INNER PIPE WILL BE INSTALLED ABOVEGROUND AT THE SHORE AND LDPI TRANSITIONS.
3. THERMOGYSPHONS WILL BE INSTALLED AT THE SHORE CROSSING. QUANTITIES TBD.

GENERAL

1. THE ONSHORE AND OFFSHORE SEGMENTS OF THE NPS 4 UTILITY PIPELINE WILL BE WELDED TOGETHER AT THE TRANSITION, AND BLIND FLANGED AT BOTH THE BSOP TIE-IN PAD AND LDPI. THE PIPELINE WILL BE DRIED AND LEFT WITH A NITROGEN SEAL UPON COMPLETION OF HYDROSTATIC TESTING.
2. THE ONSHORE AND OFFSHORE SEGMENTS OF THE NPS 12 EXPORT PIPELINE WILL BE WELDED TOGETHER AT THE TRANSITION AND WILL TIE IN TO THE METERING SKID AT THE BSOP AND THE LSOP LAUNCHER AT THE LDPI.
3. FOC WILL BE CONNECTED AT THE ONSHORE/OFFSHORE TRANSITION POINT AND TIED IN TO THE METERING SKID ON THE BSOP TIE-IN PAD AND TO FACILITIES AT THE LDPI.

TRUCKABLE MODULES

TRUCKABLE MODULE SCOPE OF WORK WILL INCLUDE THE FOLLOWING:

1. MODULE PILE INSTALLATION FOR EACH SKID (QUANTITIES TBD)
2. LAUNCHER MODULE INSTALLATION FOR THE LSOP AT THE LDPI
3. METERING SKID INSTALLATION AT THE BSOP TIE-IN PAD

TIE-IN ACTIVITIES

1. BYPASS PIPING AND PIGGABLE WYE INSTALLATION TO THE BSOP (BY OTHERS)
2. TIE-IN PIPING INSTALLATION TO THE BSOP (BY OTHERS)

PROVISIONS FOR NPS 4 PIPELINE INSPECTION AND CLEANING WILL BE FUTURE WORK AND ARE NOT INCLUDED IN THIS SCOPE OF WORK.

CODES AND STANDARDS

ALASKA GENERAL SAFETY CODE (AGSC)

OCCUPATIONAL SAFETY AND HEALTH
ADMINISTRATION (OSHA)

2014 ASH

FEBRUARY 2005 NSEFH

AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME)

OCCUPATIONAL SAFETY AND HEALTH STANDARDS

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATIVE REGULATIONS

ALASKA SAFETY HANDBOOK

NORTH SLOPE ENVIRONMENTAL FIELD
HANDBOOK

B31.4, 2012, PIPELINE TRANSPORTATION SYSTEMS FOR LIQUIDS AND SLURRIES
B31.8, 2010, GAS TRANSMISSION AND DISTRIBUTION PIPING SYSTEMS

GENERAL NOTES

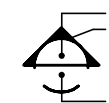
1. KNOWN UNDERGROUND UTILITIES AND STRUCTURES ARE SHOWN IN THEIR APPROXIMATE LOCATIONS. PRIOR TO WORK THE CONTRACTOR SHALL VERIFY SIZE, DEPTH, AND LOCATIONS OF ALL UNDERGROUND AND OVERHEAD UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL PROTECT UTILITIES AND STRUCTURES FROM DAMAGE AND SHALL NOT DISTURB UNDERGROUND UTILITIES/STRUCTURES THAT ARE TO REMAIN.

ABBREVIATIONS

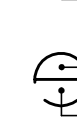
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS
ASP	ALASKA STATE PLANE
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
BPMSL	AMERICAN PETROLEUM INSTITUTE
BPXA	BP MEAN SEA LEVEL
BSOP	BP EXPLORATION ALASKA
C	BADAMI SALES OIL PIPELINE
CVN	CENTERLINE
CY	CHARPY V-NOTCH
DIA	CUBIC YARDS
E	DIAMETER
EA	EASTING
EG	EACH
EL	EXISTING GRADE
FBE	ELEVATION
FG	FUSION BONDED EPOXY
FT	FINISH GRADE
FOC	FEET
HDPE	FIBER OPTIC CABLE
HSM	HIGH DENSITY POLYETHYLENE
ID	HORIZONTAL SUPPORT MEMBER
ILI	INSIDE DIAMETER
IN	IN-LINE INSPECTION
LBS	INCHES
LDPI	POUNDS
LPS	LIBERTY DRILLING AND PRODUCTION ISLAND
LSOP	LOW PRESSURE SERVICE
LTCs	LIBERTY SALES OIL PIPELINE
MAX	LOW TEMPERATURE CARBON STEEL
MIN	MAXIMUM
N	MINIMUM
NACE	NORTHING
NAD	NATIONAL ASSOCIATION OF CORROSION ENGINEERS
NPS	NORTH AMERICAN DATUM
OC	NOMINAL PIPE SIZE
OD	ON CENTER
PI	OUTSIDE DIAMETER
PIP	POINT OF INTERSECTION
R	PIPE-IN-PIPE
R	PLATE
REV	RADIUS
SCH	REVISION
SDR	SCHEDULE
SF	STANDARD DIMENSION RATIO
SOW	SQUARE FEET
LPS	SCOPE OF WORK
TBD	STATION
THK	TO BE DETERMINED
TOS	THICK
TVA	TOP OF STEEL
TYP	TUNED VIBRATION ABSORBER
UHMW-PE	TYPICAL
VPI	ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE
VSM	VERTICAL POINT OF INTERSECTION
WIV	VERTICAL SUPPORT MEMBER
WT	WIND INDUCED VIBRATION
	WALL THICKNESS

LEGEND

— — — — — CENTER LINE



- LETTER INDICATES SECTION OR ELEVATION
- ARROW INDICATES DIRECTION OF CUTTING PLANE



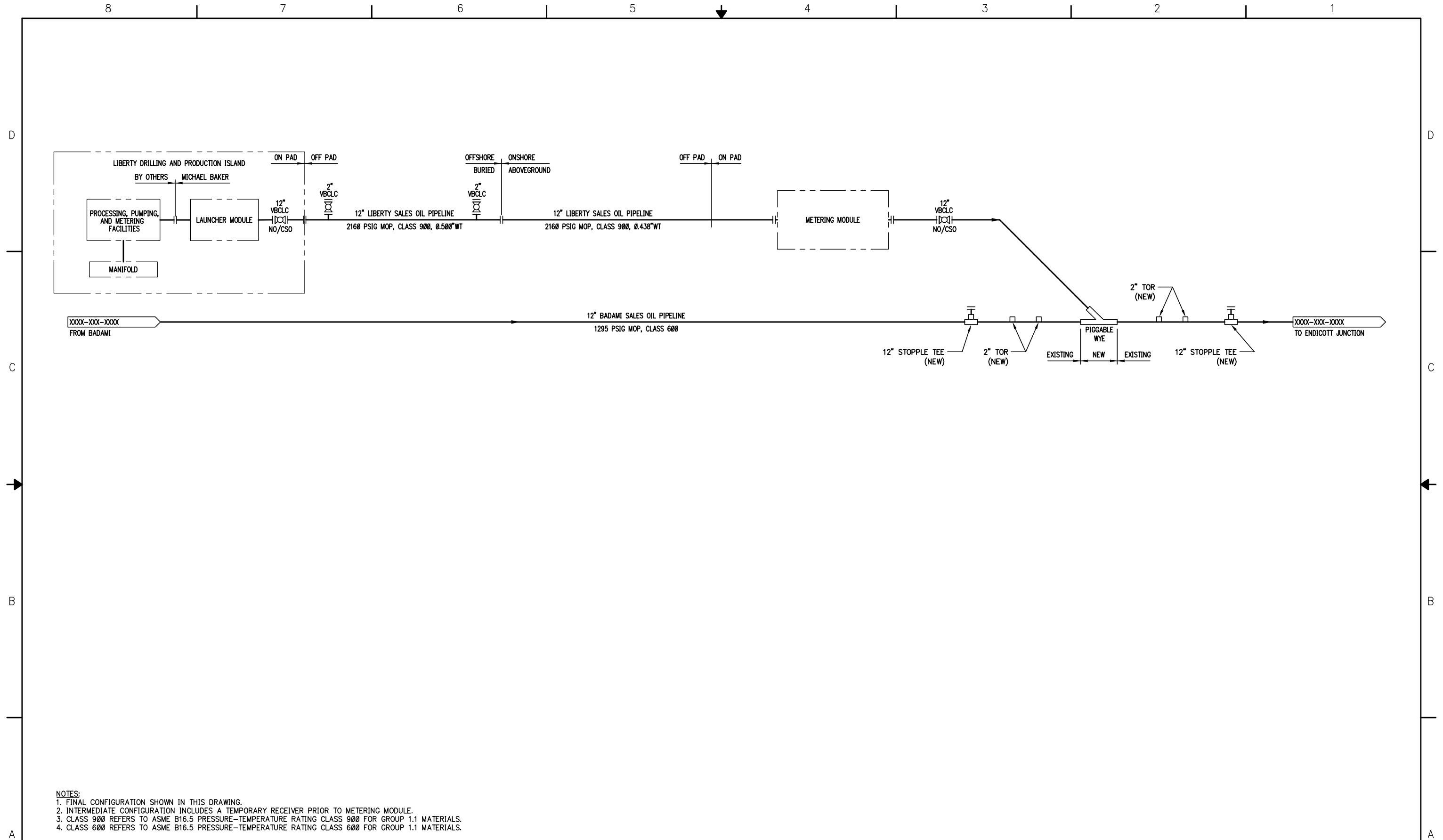
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" - " INDICATES DRAWN ON SAME SHEET

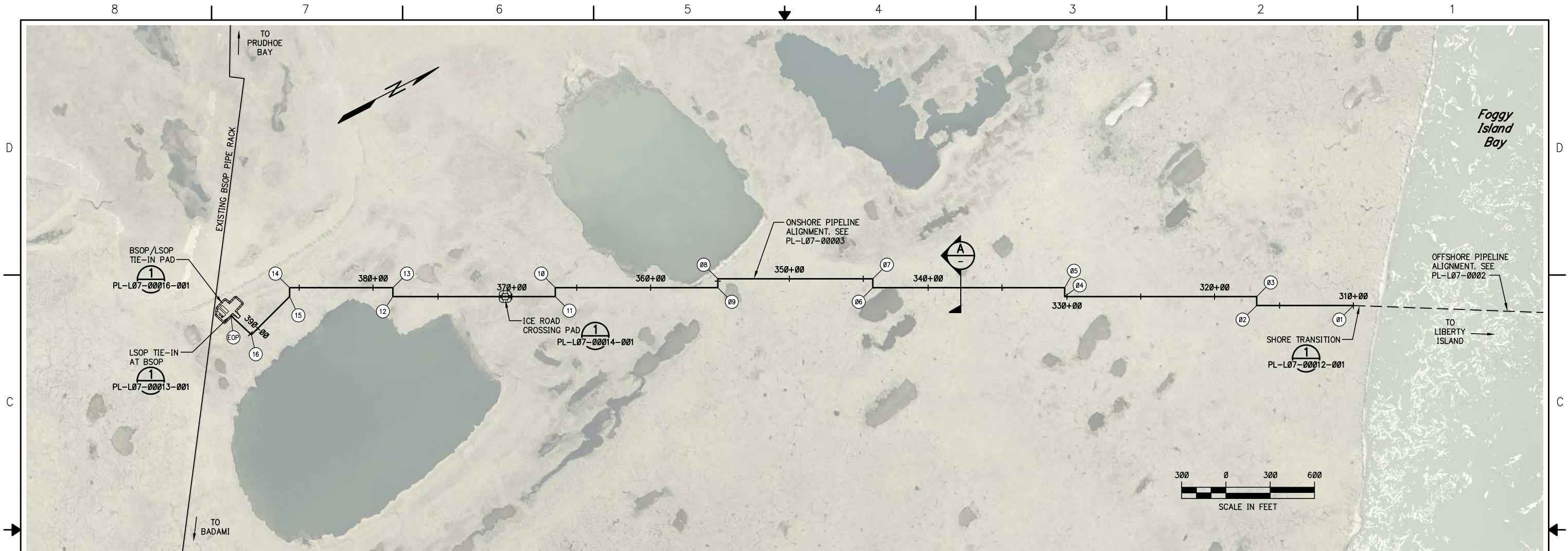
- NUMBER INDICATES DETAIL



- INDICATES DRAWING NUMBER WHERE DETAIL IS DRAWN
" - " INDICATES DRAWN ON SAME SHEET

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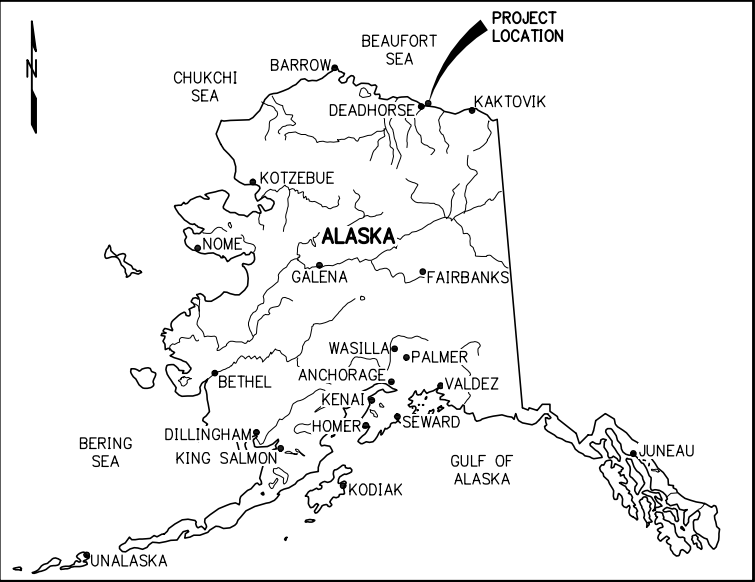
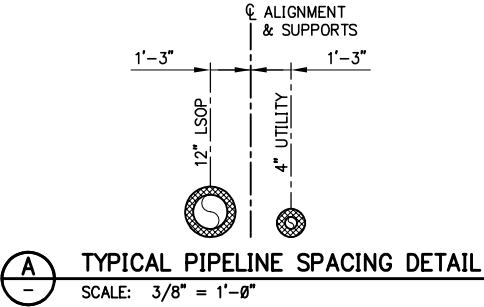
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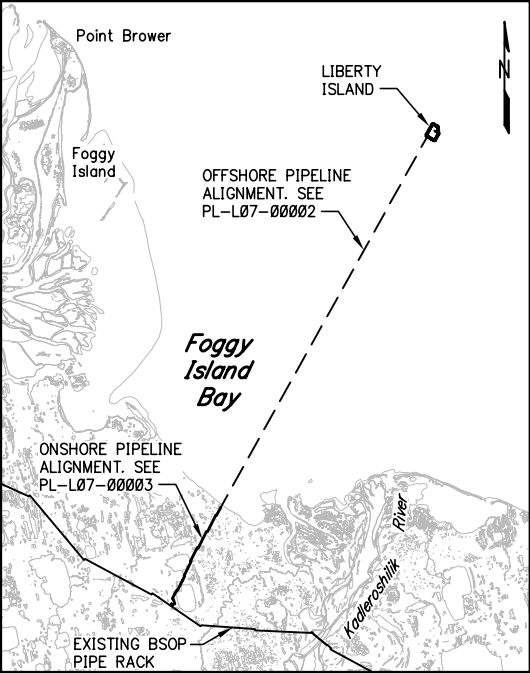
ONSHORE PIPELINE ALIGNMENT SITE PLAN

ONSHORE PIPELINE ALIGNMENT COORDINATE TABLE					
POINT #	DESCRIPTION	STATION	NORTHING	EASTING	ANGLE
01	BEGIN	310+00.00	5926478.22	1429890.04	—
02	PI	316+55.00	5925894.61	1429592.68	90.0°
03	PI	317+15.00	5925921.85	1429539.22	90.0°
04	PI	330+15.00	5924763.54	1428949.03	90.0°
05	PI	330+75.00	5924790.78	1428895.57	90.0°
06	PI	343+75.00	5923632.47	1428305.38	90.0°
07	PI	344+35.00	5923659.71	1428251.92	90.0°
08	PI	354+85.00	5922724.16	1427775.23	90.0°
09	PI	355+45.00	5922696.92	1427828.69	90.0°
10	PI	366+45.00	5921716.81	1427329.30	90.0°
11	PI	367+05.00	5921689.57	1427382.76	90.0°
12	PI	378+05.00	5920709.46	1426883.37	90.0°
13	PI	378+65.00	5920736.70	1426829.91	90.0°
14	PI	385+65.00	5920113.00	1426512.12	90.0°
15	PI	386+25.00	5920085.76	1426565.58	45.0°
16	PI	389+90.00	5919738.62	1426678.37	88.0°
EOP	END	391+81.00	5919673.30	1426498.89	—

NOTES
1. ALIGNMENT STATIONING REFLECTS HORIZONTAL DISTANCE.
2. HORIZONTAL DATUM IS ALASKA STATE PLANE ZONE 3, NAD83.
3. VERTICAL DATUM IS BP MEAN SEA LEVEL (BPMSL), US FEET.

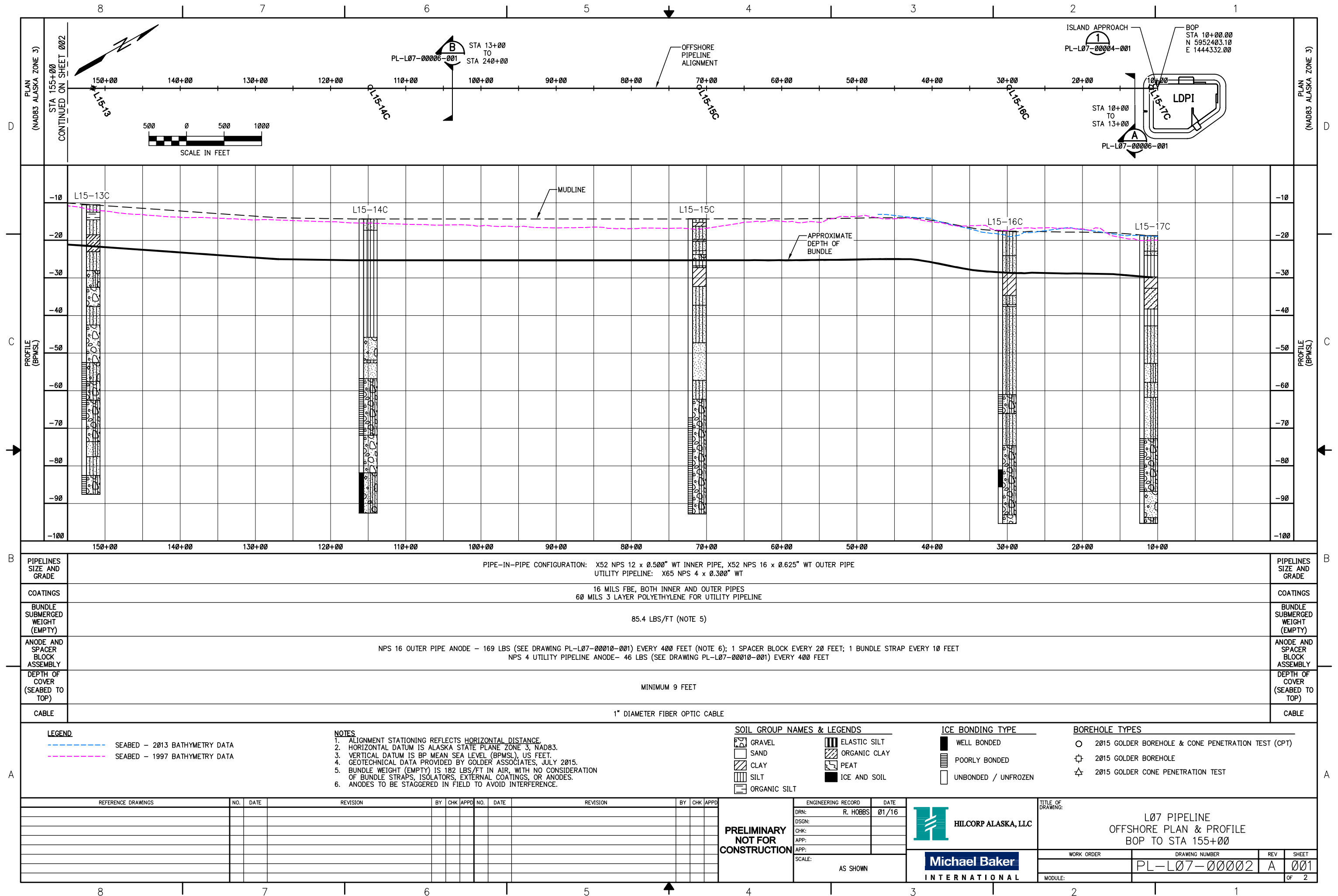


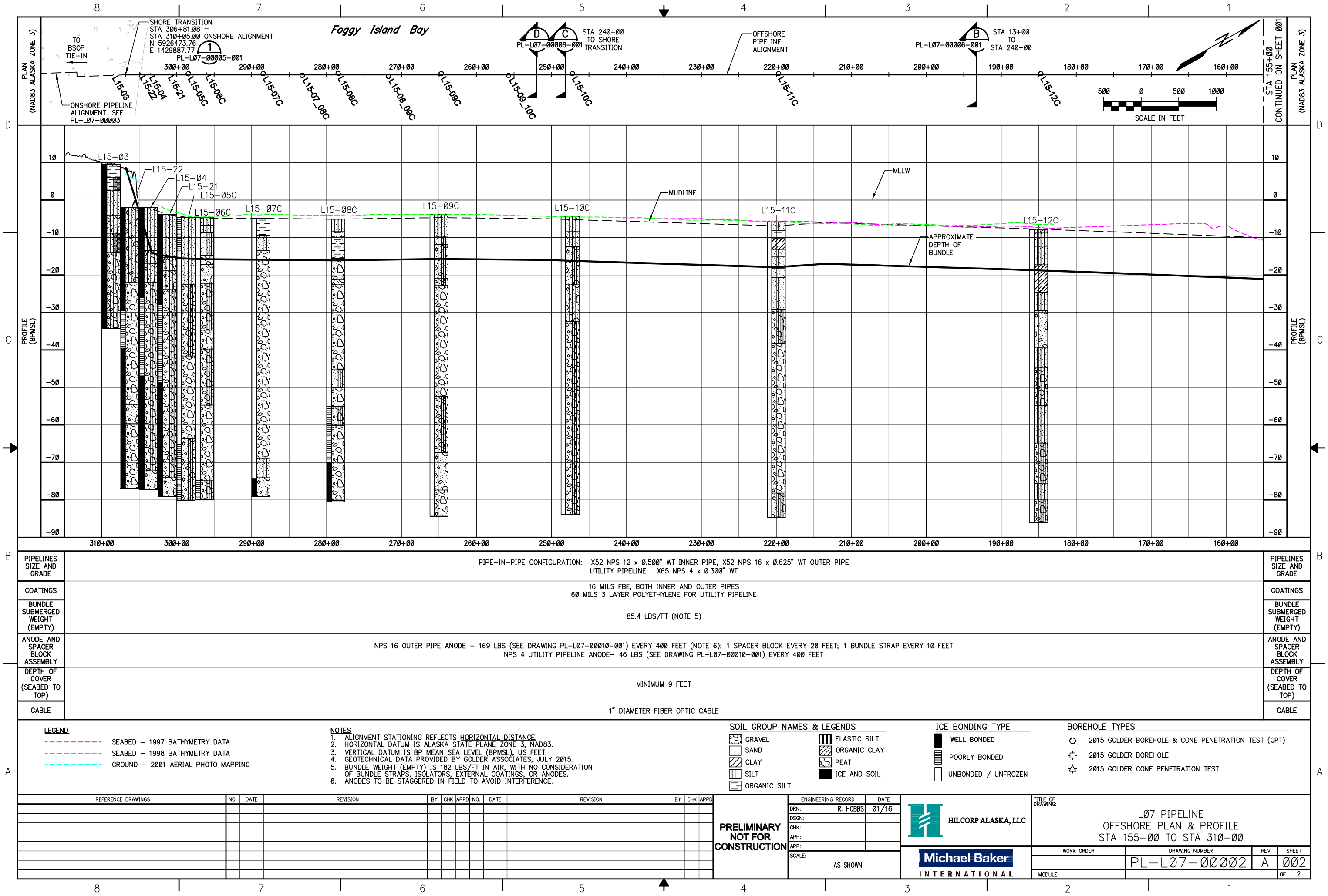
PROJECT LOCATION MAP
NOT TO SCALE

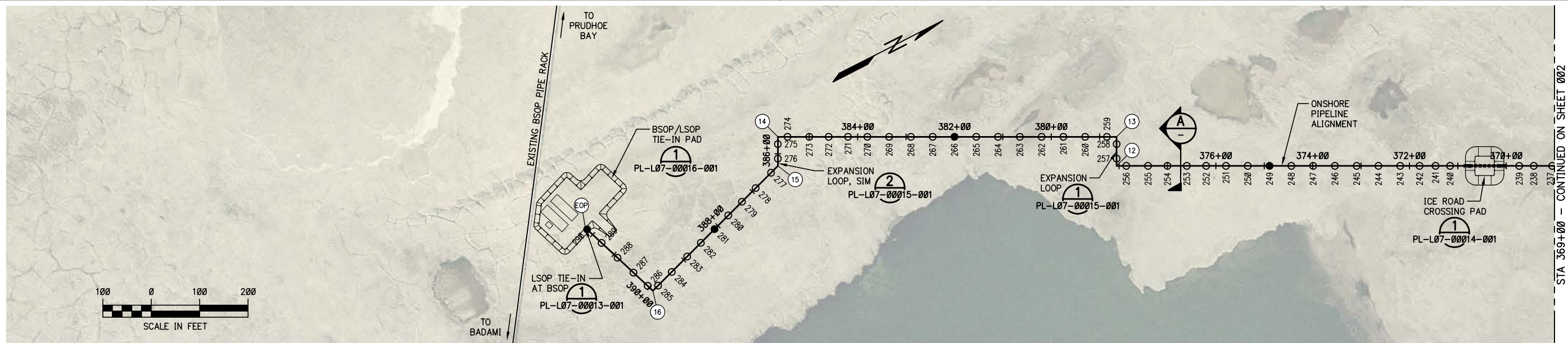


VICINITY MAP
NOT TO SCALE

REFERENCE DRAWINGS		NO.	DATE	REVISION		BY	CHK	APPD	NO.	DATE	REVISION		BY	CHK	APPD



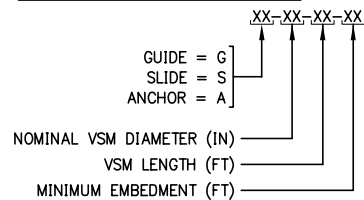




GROUND EL (FT)	SUPPORT NUMBER	STATION & SUPPORT	SUPPORT TYPE	TOS EL (FT)
20.0	290	391+76.00	A1-18-35-23	29.02
20.0	289	391+35.00	G1-10-30-18	29.02
20.0	288	390+90.00	G1-10-30-18	29.02
20.0	287	390+45.00	G2-18-30-18	29.02
20.0	286	390+05.00	S1-18-30-18	29.02
20.0	285	389+75.00	S1-18-30-18	29.02
20.0	284	389+35.00	G2-18-30-18	29.02
20.0	283	388+90.00	G1-10-30-18	29.02
20.1	282	388+50.00	G1-10-30-18	29.02
20.0	281	388+10.00	A1-18-35-23	29.02
20.0	280	387+70.00	G1-10-30-18	29.02
20.0	279	387+30.00	G1-10-30-18	29.02
20.0	278	386+90.00	G1-10-30-18	29.02
20.0	277	386+45.00	G2-18-30-18	29.02
20.0	276	386+10.00	S1-18-30-18	29.02
20.0	275	385+80.00	S1-18-30-18	29.02
20.0	274	385+45.00	G2-18-30-18	29.02
20.2	273	385+00.00	G1-10-30-18	29.02
20.6	272	384+60.00	G1-10-30-18	29.02
20.4	271	384+20.00	G1-10-30-18	29.02
20.0	270	383+80.00	G1-10-30-18	28.90
20.0	269	383+35.00	G1-10-30-18	28.74
20.0	268	382+90.00	G1-10-30-18	28.61
20.0	267	382+45.00	G1-10-30-18	28.49
20.0	266	382+00.00	A1-18-35-23	28.49
20.0	265	381+55.00	G1-10-30-18	28.49
20.0	264	381+10.00	G1-10-30-18	28.49
20.0	263	380+65.00	G1-10-30-18	28.49
20.0	262	380+20.00	G1-10-30-18	28.49
20.0	261	379+75.00	G1-10-30-18	28.49
20.0	260	379+30.00	G1-10-30-18	28.49
20.0	259	378+85.00	G2-18-30-18	28.49
19.9	258	378+50.00	S1-18-30-18	28.49
20.0	257	378+20.00	S1-18-30-18	28.49
20.0	256	377+85.00	G2-18-30-18	28.49
19.8	255	377+40.00	G1-10-30-18	28.49
19.6	254	377+00.00	G1-10-30-18	28.33
19.4	253	376+60.00	G1-10-30-18	28.17
19.2	252	376+20.00	G1-10-30-18	28.01
19.0	251	375+79.00	G1-10-30-18	27.85
18.8	250	375+34.00	G1-10-30-18	27.78
18.6	249	374+89.00	A1-18-35-23	27.78
18.6	248	374+44.00	G1-10-30-18	27.78
18.7	247	373+99.00	G1-10-30-18	27.78
18.7	246	373+54.00	G1-10-30-18	27.78
18.8	245	373+09.00	G1-10-30-18	27.78
18.9	244	372+64.00	G1-10-30-18	27.78
19.1	243	372+19.00	G1-10-30-18	27.78
19.1	242	371+79.00	G1-10-30-18	27.78
19.2	241	371+46.00	G1-10-30-18	27.78
19.3	240	371+16.00	G2-18-30-18	27.78
19.4	239	369+73.00	G2-18-30-18	27.78
19.3	238	369+43.00	G1-10-30-18	27.78
19.2	237	369+05.00	G1-10-30-18	27.78

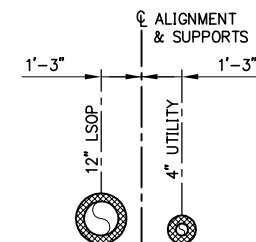
PIPELINE DATA TABLE				
PIPELINE	MATERIAL	WALL THK (IN)	FBE COATING (MIL)	INSULATION (IN)
12" LSOP	12.75" DIA API 5L X65	0.438	12-30	3.0
4" UTILITY	4.50" DIA API 5L X65	0.3000	12-30	3.0

SUPPORT TYPE NOMENCLATURE



LEGEND

- GUIDED OR SLIDING SUPPORT
- ANCHORED SUPPORT
- Ⓢ PI OR VPI LOCATION



A TYPICAL PIPELINE SPACING DETAIL
SCALE: 3/8" = 1'-0"

COORDINATE TABLE					
POINT (#)	DESCRIPTION	STATION	NORTHING	EASTING	ANGLE
11A	VPI	369+88.00	5921437.41	1427254.28	45.0° ROLLED
11B	VPI	369+95.00	5921431.18	1427251.10	45.0° ROLLED
11C	VPI	370+94.00	5921342.97	1427206.16	45.0° ROLLED
11D	VPI	371+01.00	5921336.73	1427202.98	45.0° ROLLED
12	PI	378+05.00	5920709.46	1426883.37	90.0°
13	PI	378+65.00	5920736.70	1426829.91	90.0°
14	PI	385+65.00	5920113.00	1426512.12	90.0°
15	PI	386+25.00	5920085.76	1426565.58	45.0°
16	PI	389+90.00	5919738.62	1426678.37	88.0°
EOP	END	391+81.00	5919673.30	1426498.89	-

NOTES

1. ALIGNMENT STATIONING REFLECTS HORIZONTAL DISTANCE.
2. HORIZONTAL DATUM IS ALASKA STATE PLANE ZONE 3, NAD83.
3. VERTICAL DATUM IS BP MEAN SEA LEVEL (BPMSL), US FEET.
4. FOR TYPES G1, G2, S1, AND A1 SUPPORT DETAILS, SEE DRAWING SS-L07-00001-001.

[illegible]

**PRELIMINARY
NOT FOR
CONSTRUCTION**

ENGINEERING RECORD		DATE
DRN:	R. HOBBS	01/16
DSGN:		
CHK:		
APP:		
APP:		
SCALE:		
AS SHOWN		



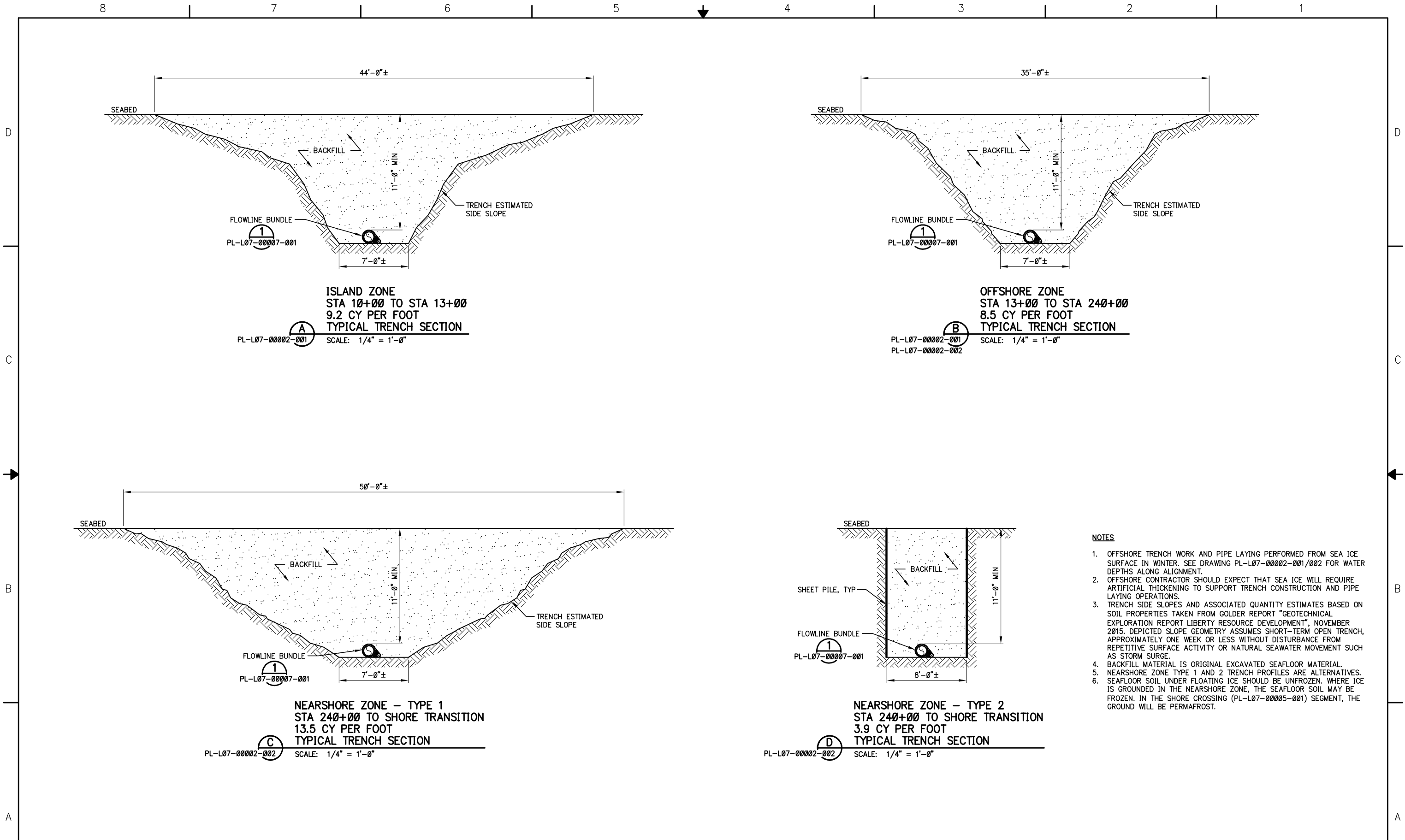
HILCORP ALASKA, LLC

Michael Baker
INTERNATIONAL

TITLE OF DRAWING:	
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L07 PIPELINE
ONSHORE PLAN & PROFILE
STA 369+00 TO EOP

WORK ORDER	DRAWING NUMBER	REV	SHEET
	PL-L07-00003	A	003
MODULE:			OF 3

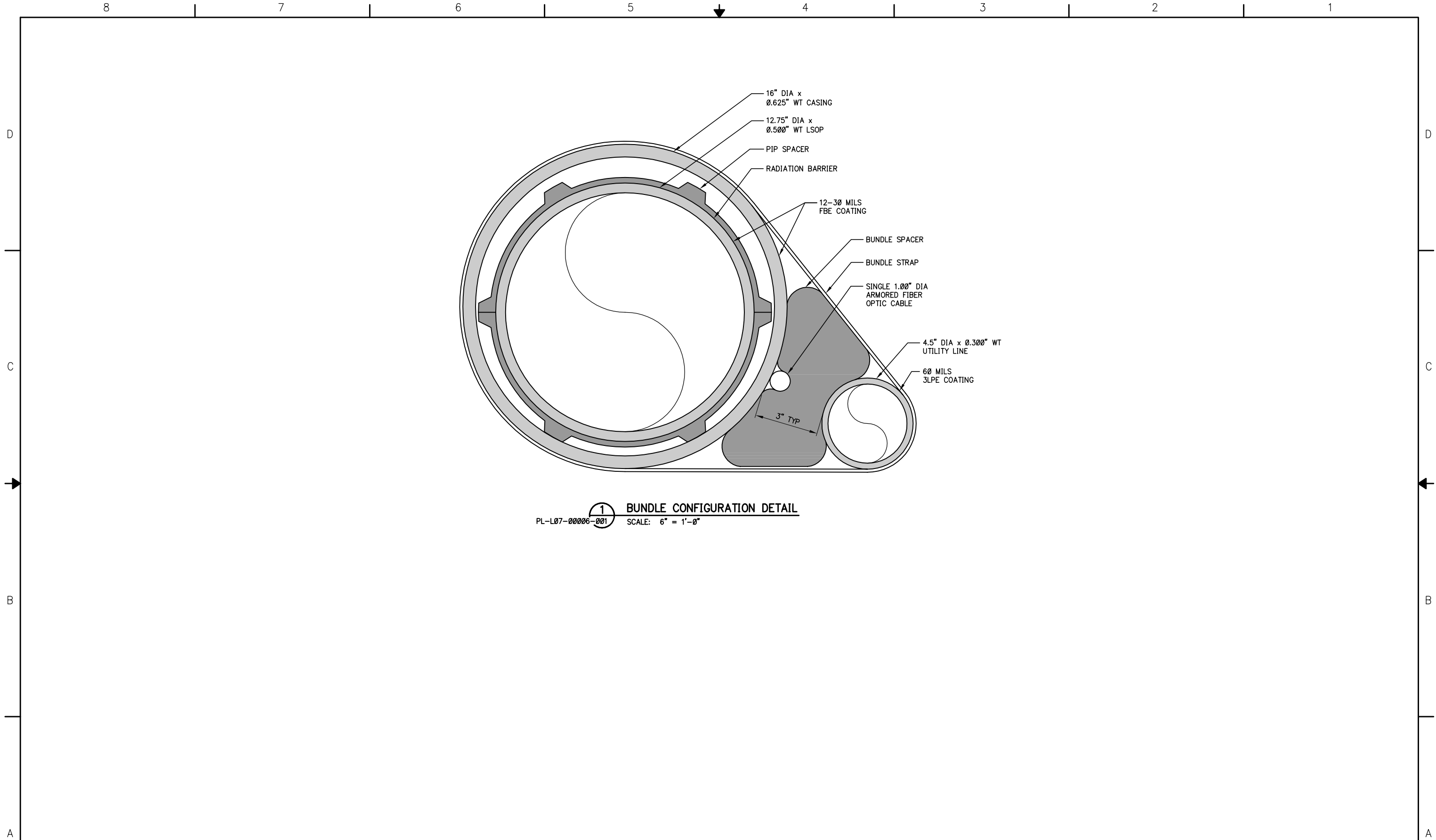


- NOTES**
1. OFFSHORE TRENCH WORK AND PIPE LAYING PERFORMED FROM SEA ICE SURFACE IN WINTER. SEE DRAWING PL-L07-00002-001/002 FOR WATER DEPTHS ALONG ALIGNMENT.
 2. OFFSHORE CONTRACTOR SHOULD EXPECT THAT SEA ICE WILL REQUIRE ARTIFICIAL THICKENING TO SUPPORT TRENCH CONSTRUCTION AND PIPE LAYING OPERATIONS.
 3. TRENCH SIDE SLOPES AND ASSOCIATED QUANTITY ESTIMATES BASED ON SOIL PROPERTIES TAKEN FROM GOLDER REPORT "GEOTECHNICAL EXPLORATION REPORT LIBERTY RESOURCE DEVELOPMENT", NOVEMBER 2015. DEPICTED SLOPE GEOMETRY ASSUMES SHORT-TERM OPEN TRENCH, APPROXIMATELY ONE WEEK OR LESS WITHOUT DISTURBANCE FROM REPETITIVE SURFACE ACTIVITY OR NATURAL SEAWATER MOVEMENT SUCH AS STORM SURGE.
 4. BACKFILL MATERIAL IS ORIGINAL EXCAVATED SEAFLOOR MATERIAL.
 5. NEARSHORE ZONE TYPE 1 AND 2 TRENCH PROFILES ARE ALTERNATIVES.
 6. SEAFLOOR SOIL UNDER FLOATING ICE SHOULD BE UNFROZEN. WHERE ICE IS GROUNDED IN THE NEARSHORE ZONE, THE SEAFLOOR SOIL MAY BE FROZEN. IN THE SHORE CROSSING (PL-L07-00005-001) SEGMENT, THE GROUND WILL BE PERMAFROST.

REFERENCE DRAWINGS				NO.	DATE	REVISION				BY	CHK	APPD	NO.	DATE	REVISION				BY	CHK	APPD

PRELIMINARY NOT FOR CONSTRUCTION	ENGINEERING RECORD	DATE
	DRN: R. HOBBS	01/16
	DSGN:	
	CHK:	
	APP:	
SCALE: AS SHOWN		

	TITLE OF DRAWING:		
	L07 PIPELINE TRENCHING AND BACKFILLING DETAILS LIBERTY DEVELOPMENT		
	WORK ORDER	DRAWING NUMBER	REV SHEET
		PL-L07-00006	A 001
MODULE:			OF -

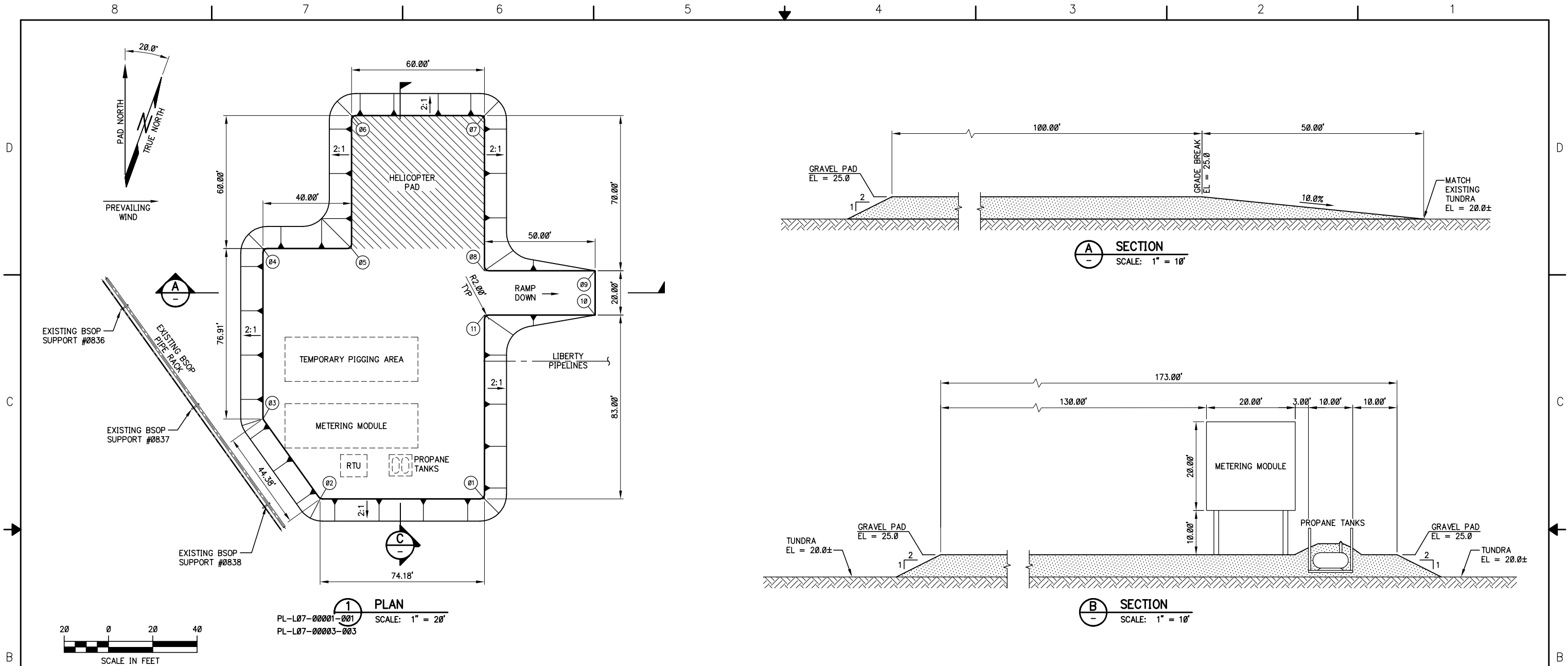


REFERENCE DRAWINGS				NO.	DATE	REVISION				BY	CHK	APPD	NO.	DATE	REVISION				BY	CHK	APPD

PRELIMINARY NOT FOR CONSTRUCTION	ENGINEERING RECORD	DATE
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	DSGN:	
	CHK:	
	APP:	
SCALE: AS SHOWN		

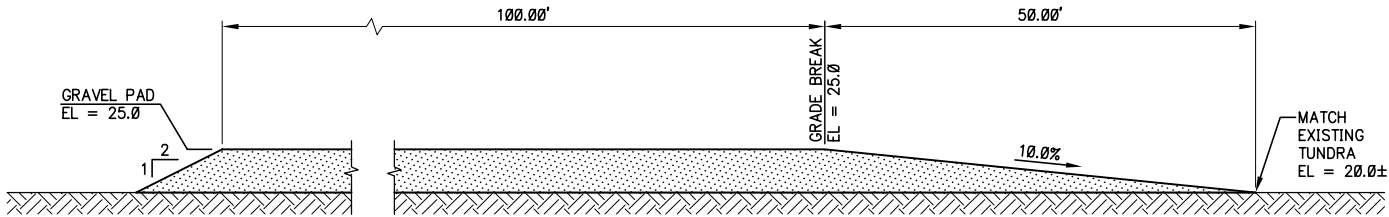
 HILCORP ALASKA, LLC	TITLE OF DRAWING:	
	L07 PIPELINE BUNDLE CONFIGURATION DETAIL LIBERTY DEVELOPMENT	
	WORK ORDER	DRAWING NUMBER
		PL-L07-00007
	MODULE:	OF -

REV	SHEET
A	001

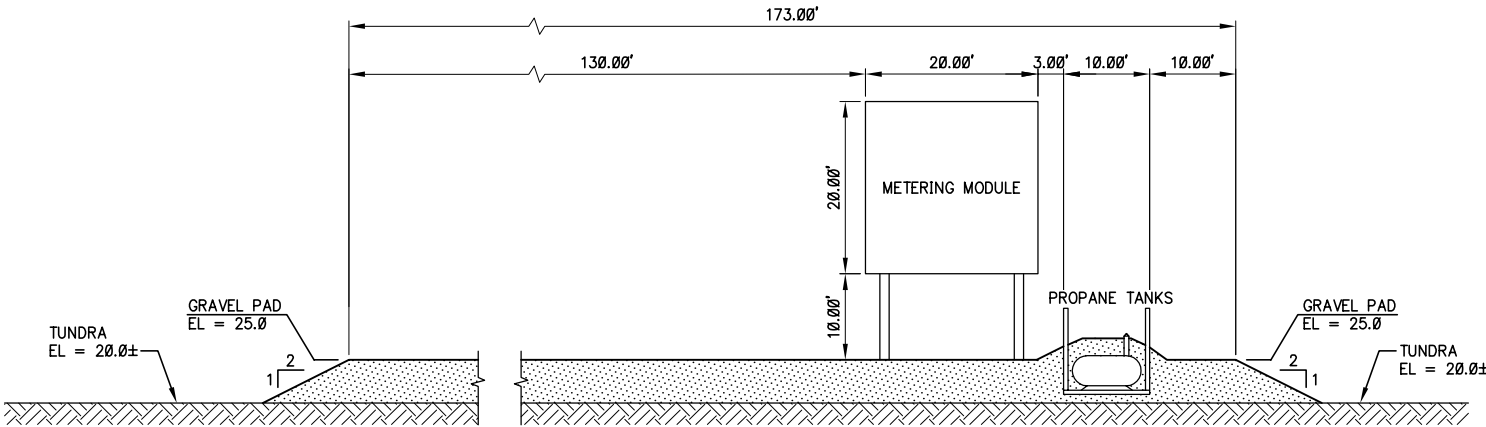


PAD CORNER COORDINATE TABLE			
POINT #	NORTHING	EASTING	FINISH EL
01	5919615.03	1426520.54	25.0
02	5919589.66	1426450.83	25.0
03	5919614.74	1426414.22	25.0
04	5919687.01	1426387.92	25.0
05	5919700.69	1426425.50	25.0
06	5919757.07	1426404.98	25.0
07	5919777.59	1426461.36	25.0
08	5919771.82	1426465.31	25.0
09	5919728.92	1426532.29	20.0±
10	5919710.12	1426539.13	20.0±
11	5919693.02	1426492.15	25.0

- NOTES
- HORIZONTAL DATUM IS ALASKA STATE PLANE ZONE 3, NAD83.
 - VERTICAL DATUM IS BPMSL, US FOOT.
 - GRAVEL PAD SIDE SLOPES SHALL BE 2:1 MAX.
 - GRAVEL QUANTITY = 3,500 CY.
 - TUNDRA AREA IMPACTED = 21,125 SF.



SECTION A
SCALE: 1" = 10'



SECTION B
SCALE: 1" = 10'

REFERENCE DRAWINGS			NO.	DATE	REVISION			BY	CHK	APPD	NO.	DATE	REVISION			BY	CHK	APPD	PRELIMINARY NOT FOR CONSTRUCTION	ENGINEERING RECORD		DATE	 HILCORP ALASKA, LLC	TITLE OF DRAWING: L07 PIPELINE BSOP/LSOP TIE-IN PAD PLAN & ELEVATIONS LIBERTY DEVELOPMENT			
DRN:		R. HOBBS		01/16																							
DSGN:																											
CHK:																											
APP:																											
APP:																											
SCALE:		AS SHOWN																									