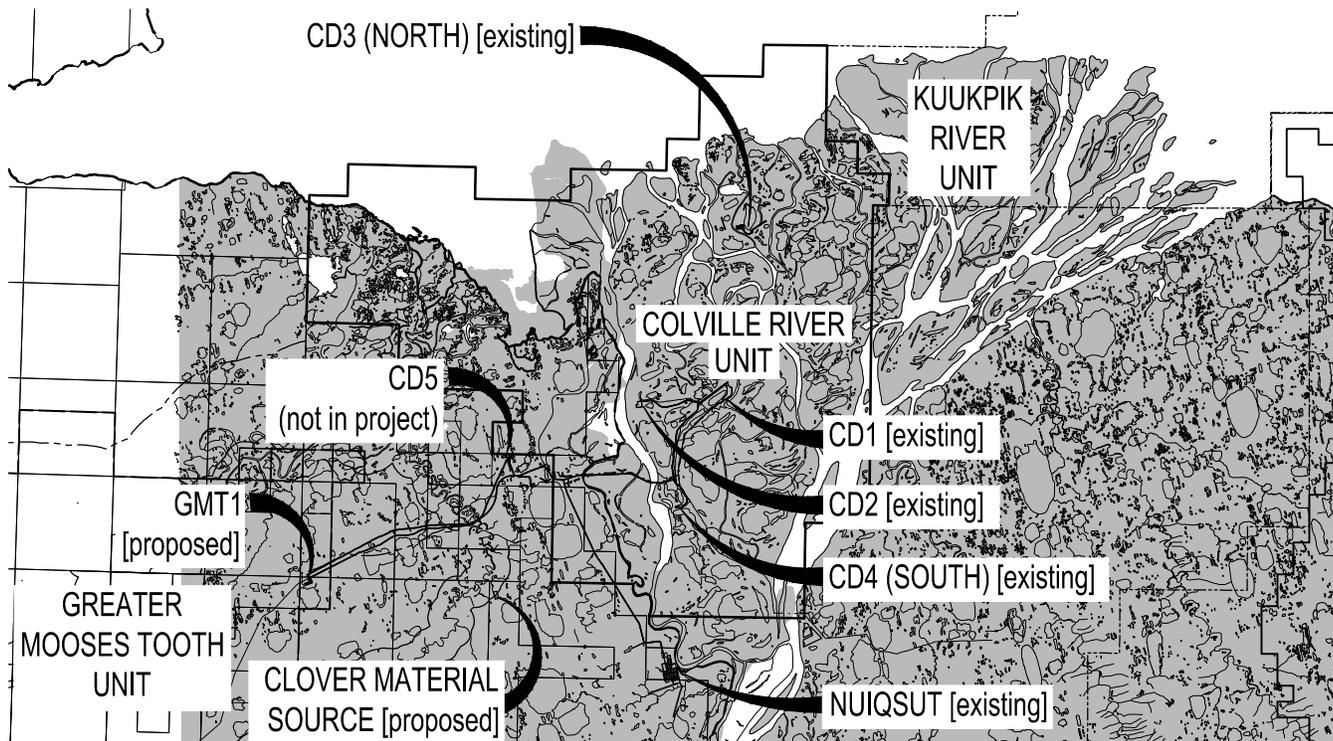
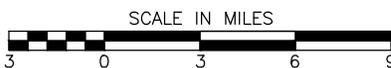


ALASKA VICINITY MAP



ALPINE SATELLITE DEVELOPMENT VICINITY MAP



PURPOSE:
CONSTRUCT A GRAVEL DRILLING PAD AND ROAD ACCESS FOR OILFIELD DEVELOPMENT

DATUM: BPMSL, NAD83 ASP ZONE 4

ADJACENT PROPERTY OWNERS:

1. KUUKPIK VILLAGE CORP
2. BUREAU OF LAND MANAGEMENT
3. ARCTIC SLOPE REGIONAL CORP
4. STATE OF ALASKA DNR

APPLICANT: CONOCO PHILLIPS
2013 ALASKA, INC

LOCATION: T10N, R3E
UMIAT MERIDIAN

ADDRESS:

PROPOSED: GMT1 ROAD, PAD & PIPELINE CONSTRUCTION

IN: GREATER MOOSE TOOTH UNIT

NEAR/AT: ALPINE
COUNTY: ANS BOROUGH
STATE: ALASKA

SHEET 1 of 36
7-12-13

KUUKPIK VILLAGE CORPORATION
P.O. BOX 89187
NUIQSUT, AK 99789
(907) 480-6220
ATTN: ISAAC NUKAPIGAK

BUREAU OF LAND MANAGEMENT
1150 UNIVERSITY AVENUE
FAIRBANKS, AK 99709
ATTN: STEVE HARTMANN

ARCTIC SLOPE REGIONAL CORPORATION
P.O. BOX 129
BARROW, AK 99723
ATTN: REX A. ROCK SR.

STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND & WATER
3700 AIRPORT WAY
FAIRBANKS, AK 99709
ATTN: GARY SCHULTZ



REFERENCE: 2013
APPLICANT: CPAI
PROPOSED: GMT1 ROAD, PAD
& PIPELINE
CONSTRUCTION

AT: ALASKA

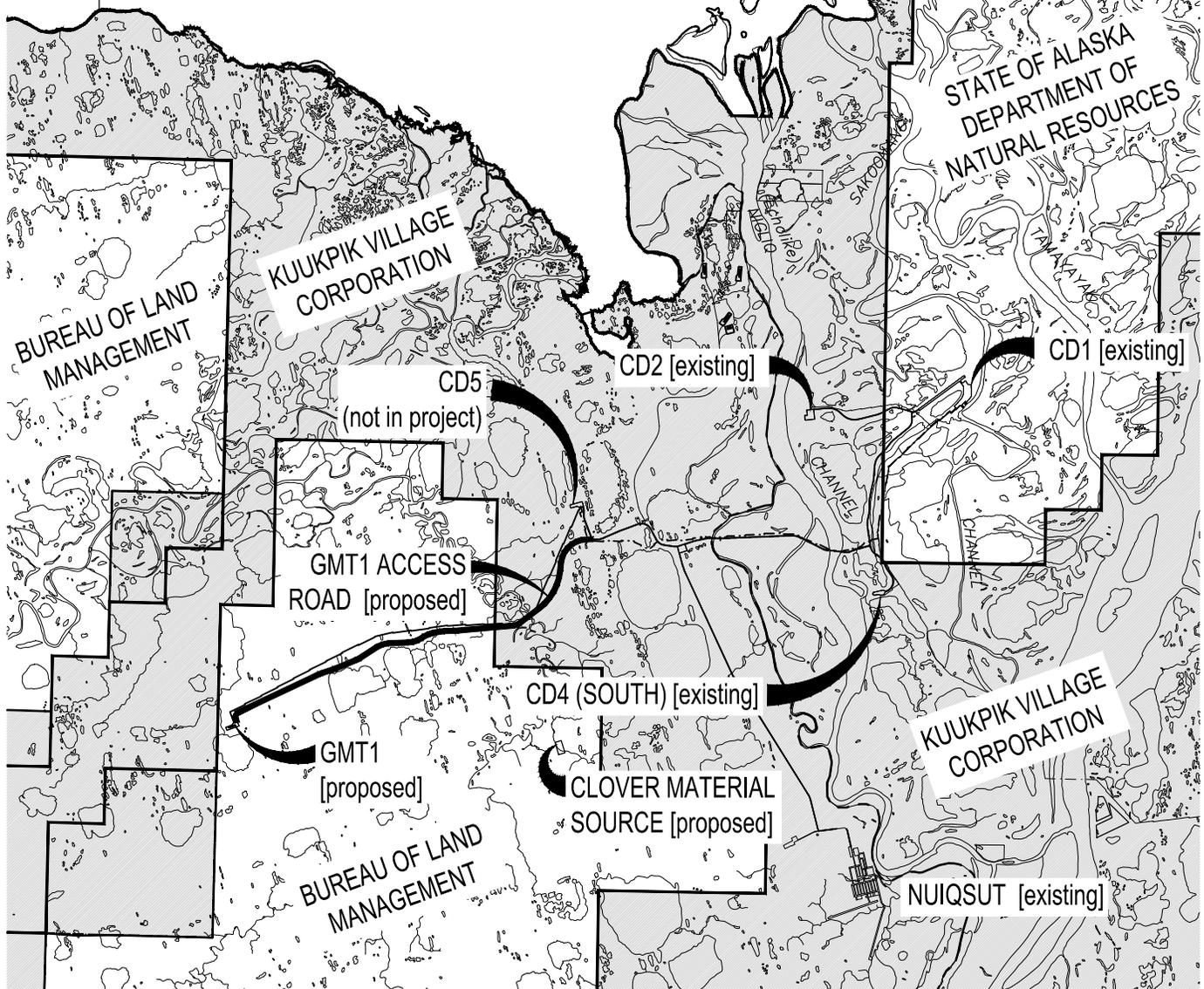
SHEET **2** of **36** 7-12-2013

GMT1 ADJACENT LAND OWNERS



HARRISON BAY

STATE OF ALASKA
DEPARTMENT OF
NATURAL RESOURCES

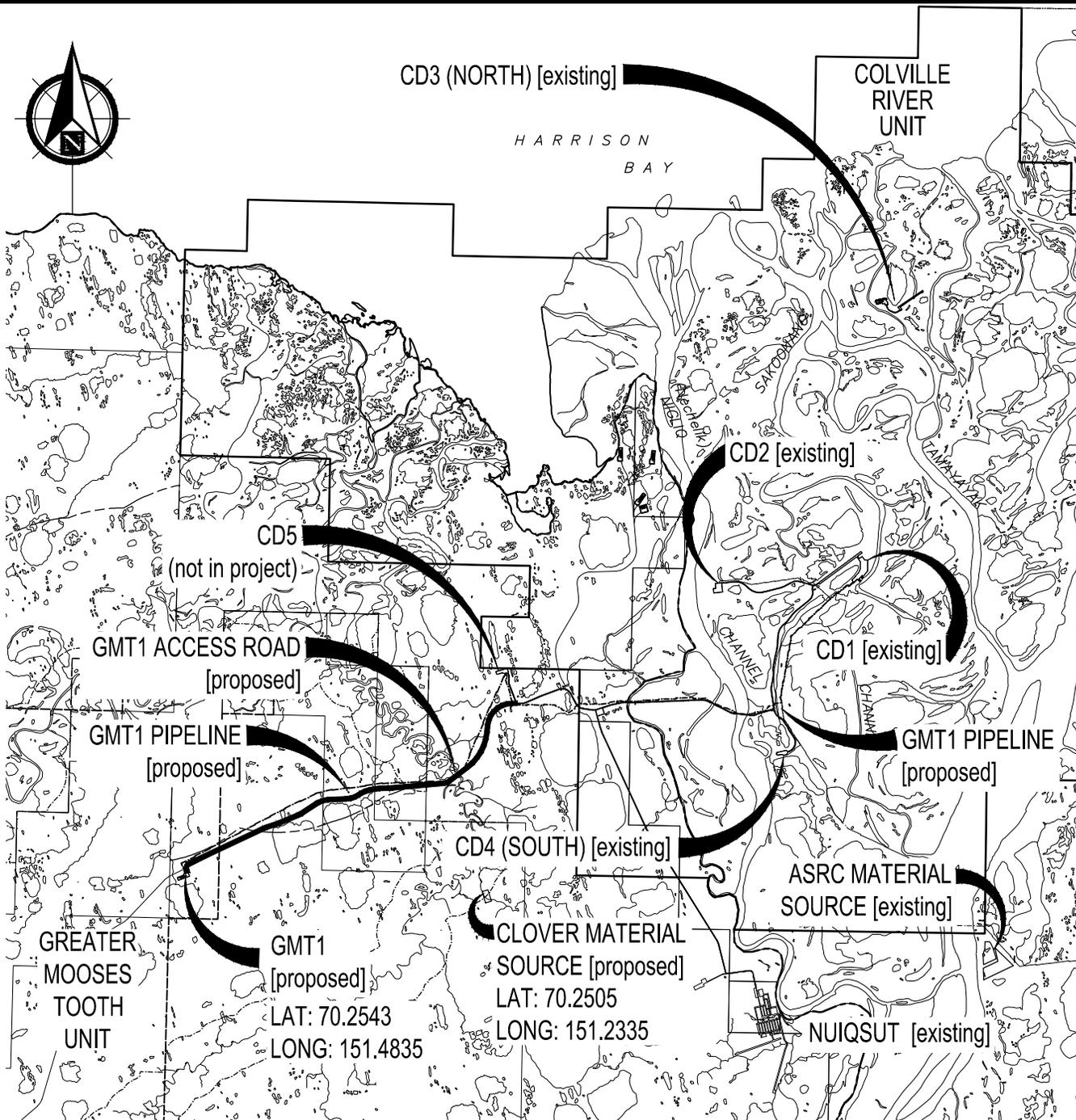


GMT1 ADJACENT LAND OWNERS MAP



REFERENCE:	2013
APPLICANT:	CPAI
PROPOSED:	GMT1 ROAD, PAD & PIPELINE CONSTRUCTION
AT:	ALASKA
SHEET	3 of 36 7-12-2013

THIS MAP PROJECTION IS BASE UPON ALASKA STATE PLANE, NAD 83. THIS MAP IS BASED ON DATA PROVIDED BY THE U.S. GEOLOGICAL SURVEY, THE ALASKA DEPARTMENT OF NATURAL RESOURCES, AND CONOCO PHILLIPS ALASKA, INC.



ALPINE SATELLITE DEVELOPMENT LOCATION MAP



- GREATER MOOSE'S TOOTH UNIT BOUNDARY
- ===== COLVILLE RIVER OIL & GAS UNIT BOUNDARY
- NUIQSUT MUNICIPAL BOUNDARY
- FISH CREEK 3 MILE BUFFER
- TINMIAQSIUGVIK (UBLUTUOCH) RIVER 1/2 MILE BUFFER

THIS MAP PROJECTION IS BASE UPON ALASKA STATE PLANE, NAD 83. THIS MAP IS BASED ON DATA PROVIDED BY THE U.S. GEOLOGICAL SURVEY, THE ALASKA DEPARTMENT OF NATURAL RESOURCES, AND CONOCO PHILLIPS ALASKA, INC.



REFERENCE: 2013
 APPLICANT: CPAI
 PROPOSED: GMT1 ROAD, PAD & PIPELINE CONSTRUCTION

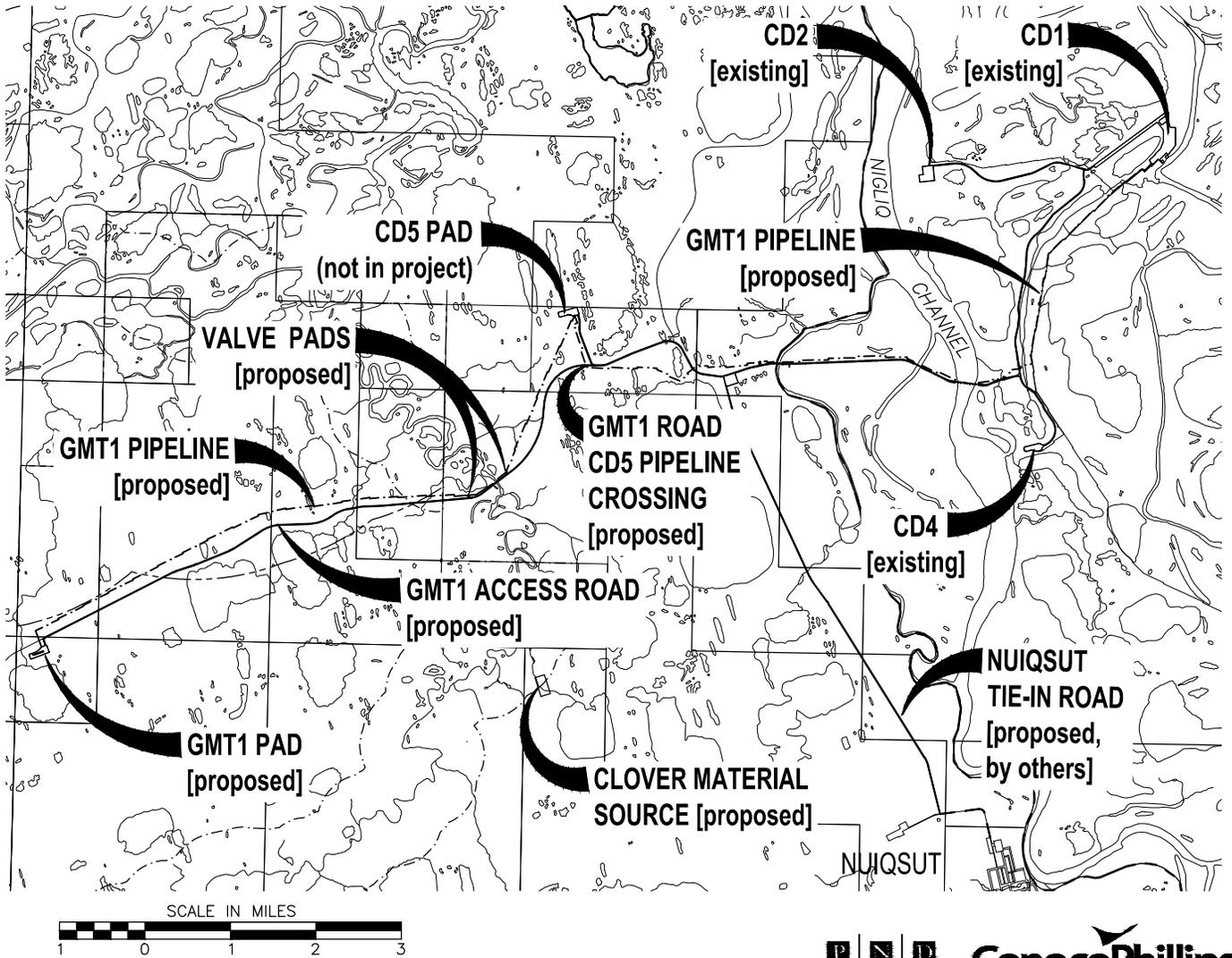
AT: ALASKA

SHEET **4** of **36** 7-12-2013

GMT1 FACILITIES	
ACCESS ROAD LENGTH	7.8 MILES
ACCESS ROAD FOOTPRINT	60.0 ACRES
PAD FOOTPRINT	11.8 ACRES
ACCESS ROAD FILL QUANTITY	488,000 CY
PAD FILL QUANTITY	131,000 CY

CLOVER MATERIAL SOURCE	
GMT1 MATERIAL SOURCE PIT FOOTPRINT	18.7 ACRES
PERMIT AREA	18.7 ACRES
GRAVEL REQUIREMENT FOR GMT1	625,500 C.Y.

VALVE PAD QUANTITIES	
WEST VALVE PAD	
AREA OF TUNDRA COVER	0.35 ACRES
QUANTITY OF GRAVEL	3,250 CY
EAST VALVE PAD	
AREA OF TUNDRA COVER	0.35 ACRES
QUANTITY OF GRAVEL	3,250 CY



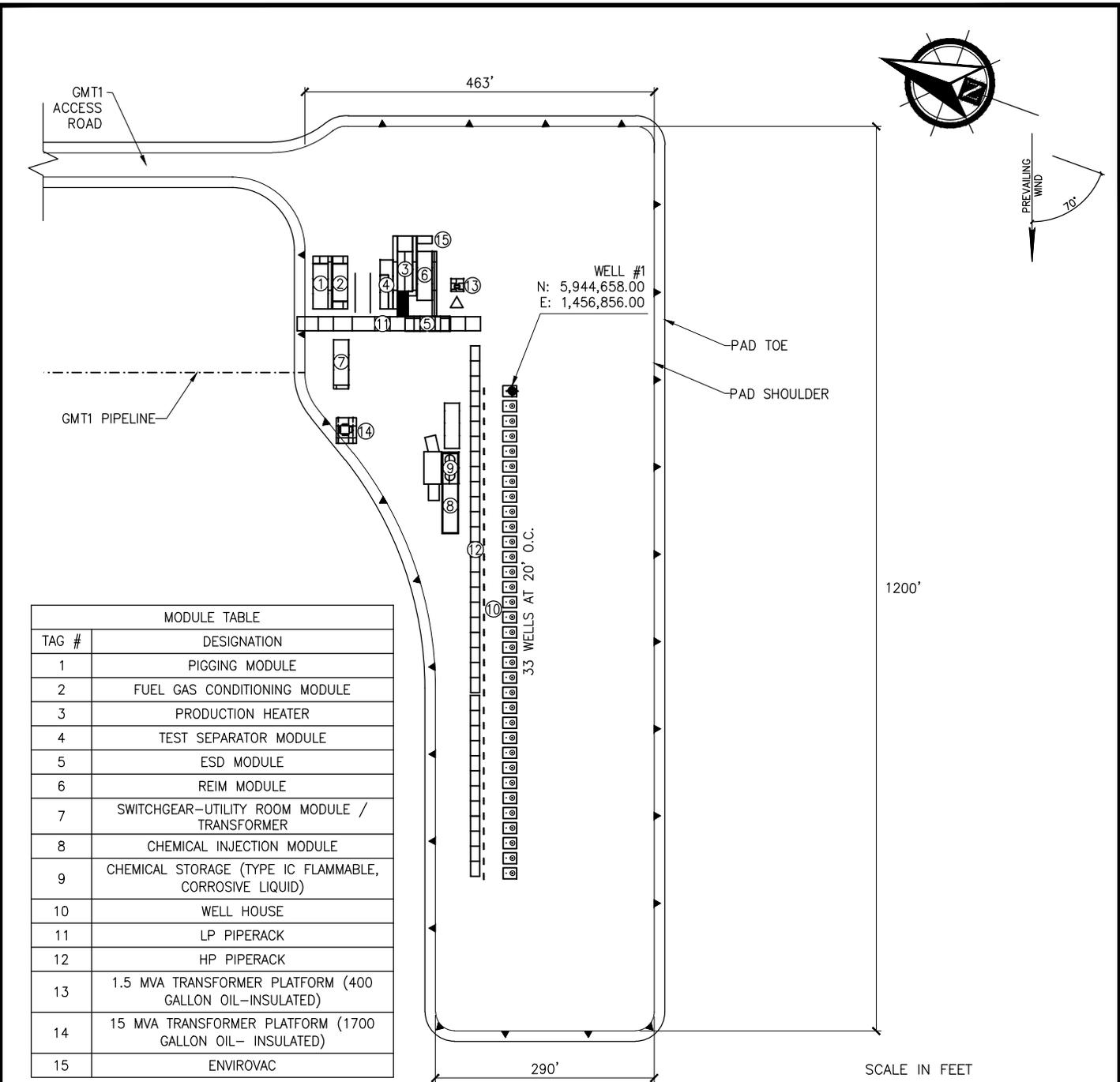
----- FISH CREEK 3 MILE BUFFER
 - - - - - TINMIAQSIUGVIK (UBLUTUOCH) RIVER 1/2 MILE BUFFER

THIS MAP PROJECTION IS BASE UPON ALASKA STATE PLANE, NAD 83. THIS MAP IS BASED ON DATA PROVIDED BY THE U.S. GEOLOGICAL SURVEY, THE ALASKA DEPARTMENT OF NATURAL RESOURCES, AND CONOCO PHILLIPS ALASKA, INC.

GMT1 PROPOSED SATELLITE FACILITY OVERVIEW



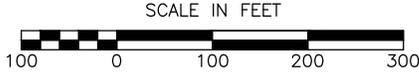
REFERENCE:	2013
APPLICANT:	CPAI
PROPOSED:	GMT1 ROAD, PAD & PIPELINE CONSTRUCTION
AT:	ALASKA
SHEET	5 of 36 7-12-2013



MODULE TABLE	
TAG #	DESIGNATION
1	PIGGING MODULE
2	FUEL GAS CONDITIONING MODULE
3	PRODUCTION HEATER
4	TEST SEPARATOR MODULE
5	ESD MODULE
6	REIM MODULE
7	SWITCHGEAR-UTILITY ROOM MODULE / TRANSFORMER
8	CHEMICAL INJECTION MODULE
9	CHEMICAL STORAGE (TYPE IC FLAMMABLE, CORROSIVE LIQUID)
10	WELL HOUSE
11	LP PIPERACK
12	HP PIPERACK
13	1.5 MVA TRANSFORMER PLATFORM (400 GALLON OIL-INSULATED)
14	15 MVA TRANSFORMER PLATFORM (1700 GALLON OIL- INSULATED)
15	ENVIROVAC

GMT1 PAD QUANTITIES	
AREA OF TUNDRA COVER	11.8 ACRES
QUANTITY OF GRAVEL	131,000 CY

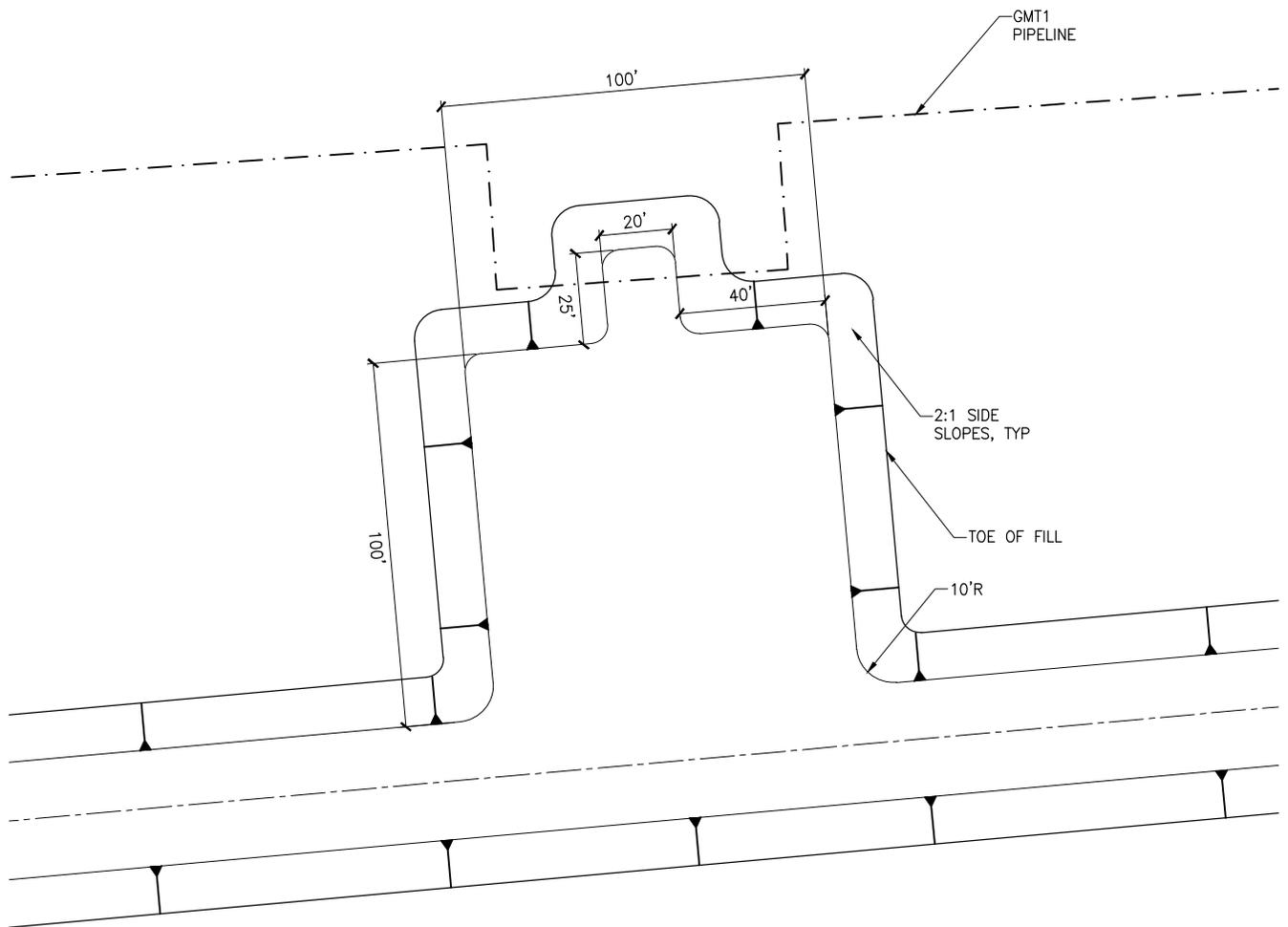
NOTE:
 MINIMUM GRAVEL DEPTH
 5.0' WITH 2:1 FILL SLOPES



THIS MAP PROJECTION IS BASE UPON ALASKA STATE PLANE, NAD 83. THIS MAP IS BASED ON DATA PROVIDED BY THE U.S. GEOLOGICAL SURVEY, THE ALASKA DEPARTMENT OF NATURAL RESOURCES, AND CONOCO PHILLIPS ALASKA, INC.

REFERENCE: 2013
 APPLICANT: CPAI
 PROPOSED: GMT1 ROAD, PAD & PIPELINE CONSTRUCTION
 AT: ALASKA
 SHEET **6** of **36** 7-12-2013

GMT1 PROPOSED PAD FOOTPRINT WITH 33 WELLS



VALVE PAD QUANTITIES	
WEST VALVE PAD	
AREA OF TUNDRA COVER	0.35 ACRES
QUANTITY OF GRAVEL	3,250 CY
EAST VALVE PAD	
AREA OF TUNDRA COVER	0.35 ACRES
QUANTITY OF GRAVEL	3,250 CY

NOTE:
MINIMUM GRAVEL DEPTH
5.0' WITH 2:1 FILL SLOPES

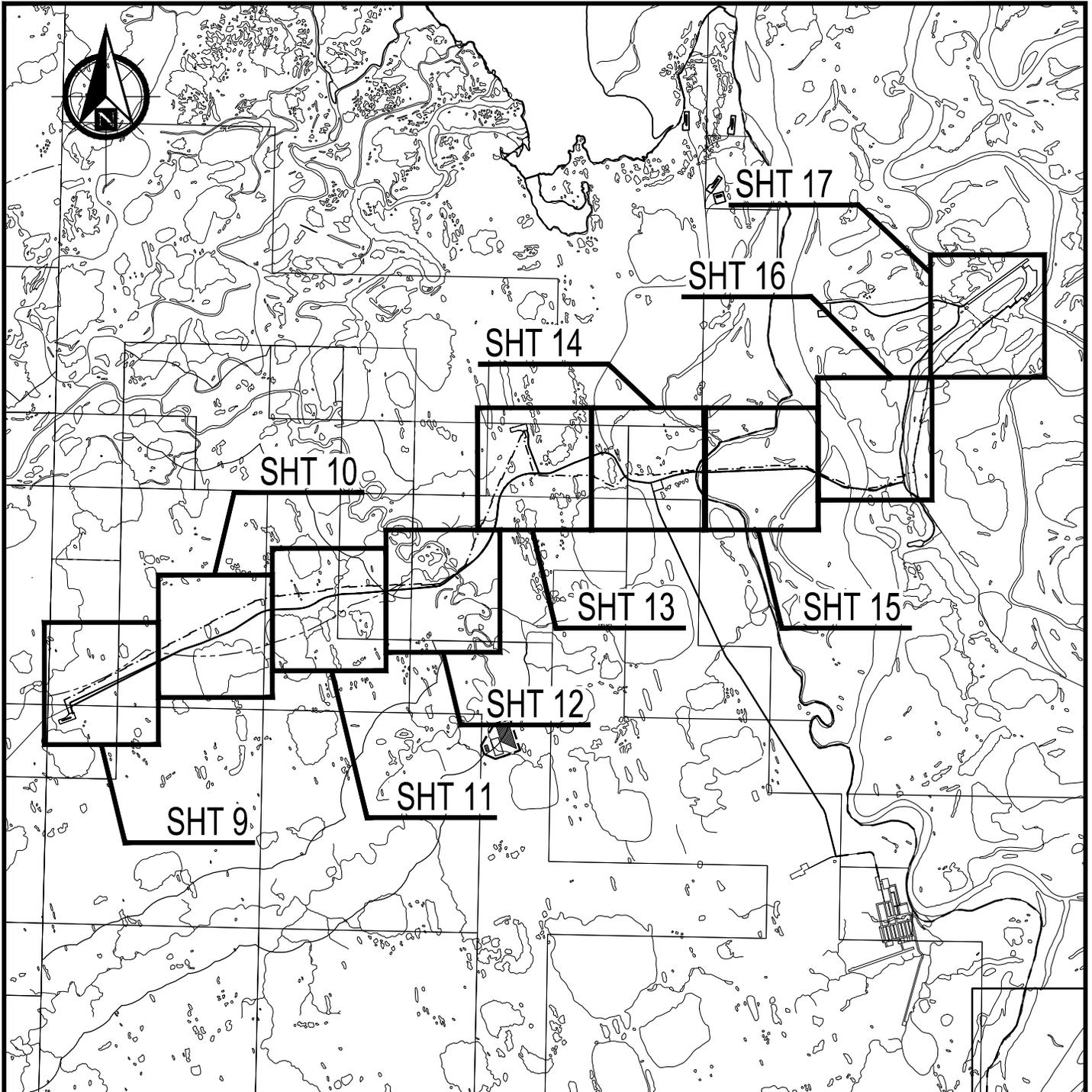
THIS MAP PROJECTION IS BASE UPON ALASKA STATE PLANE, NAD 83. THIS MAP IS BASED ON DATA PROVIDED BY THE U.S. GEOLOGICAL SURVEY, THE ALASKA DEPARTMENT OF NATURAL RESOURCES, AND CONOCO PHILLIPS ALASKA, INC.



REFERENCE: 2013
 APPLICANT: CPAI
 PROPOSED: GMT1 ROAD, PAD & PIPELINE CONSTRUCTION

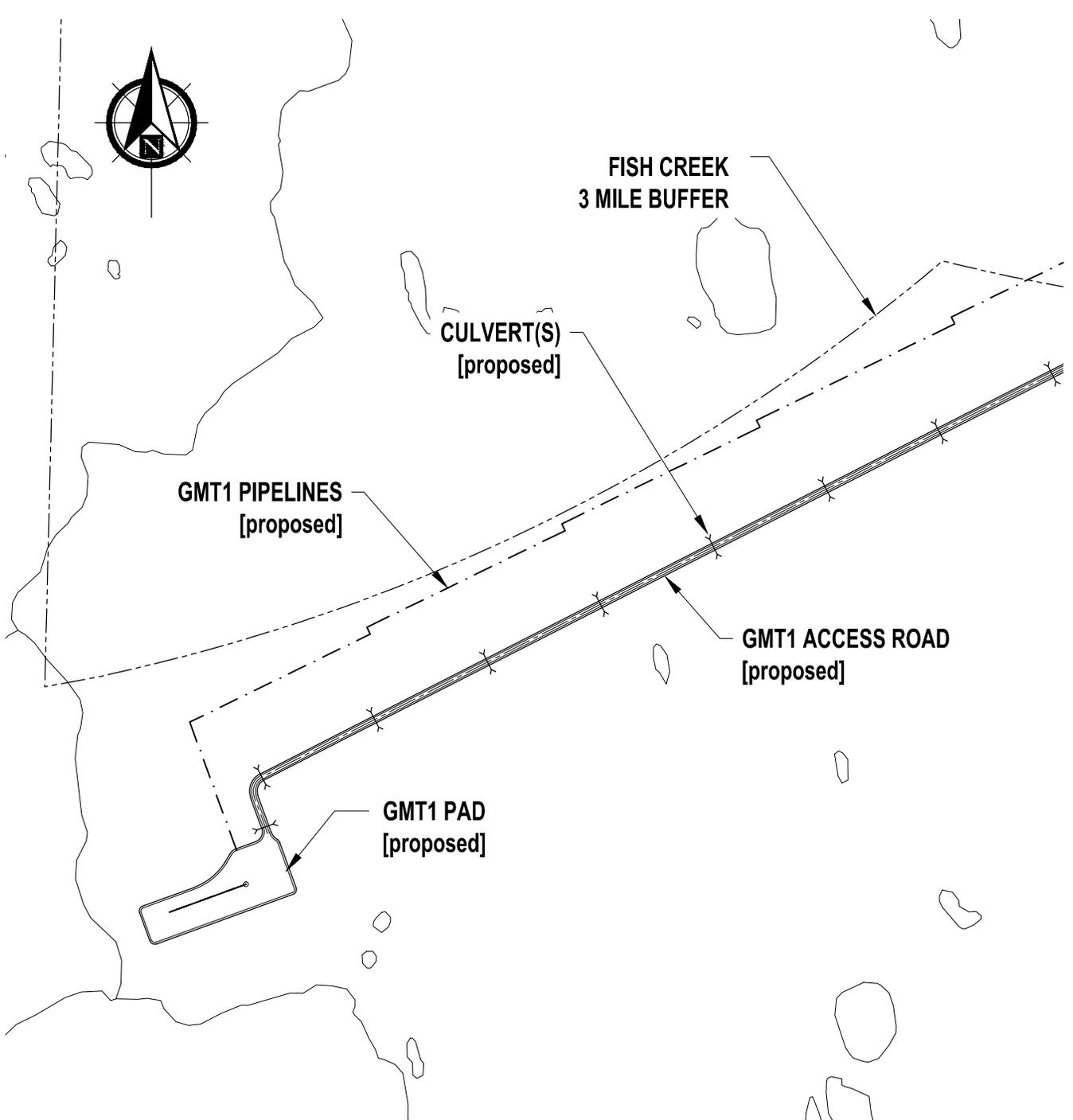
AT: ALASKA
 SHEET **7** of **36** 7-12-2013

GMT1 PROPOSED TYPICAL VALVE PAD FOOTPRINT



**GMT1 & ALPINE PROPOSED ACCESS ROAD
 AND PIPELINE ROUTE KEY MAP**

REFERENCE: 2013
 APPLICANT: CPAI
 PROPOSED: GMT1 ROAD, PAD
 & PIPELINE
 CONSTRUCTION
 AT: ALASKA
 SHEET **8** of **36** 7-12-2013



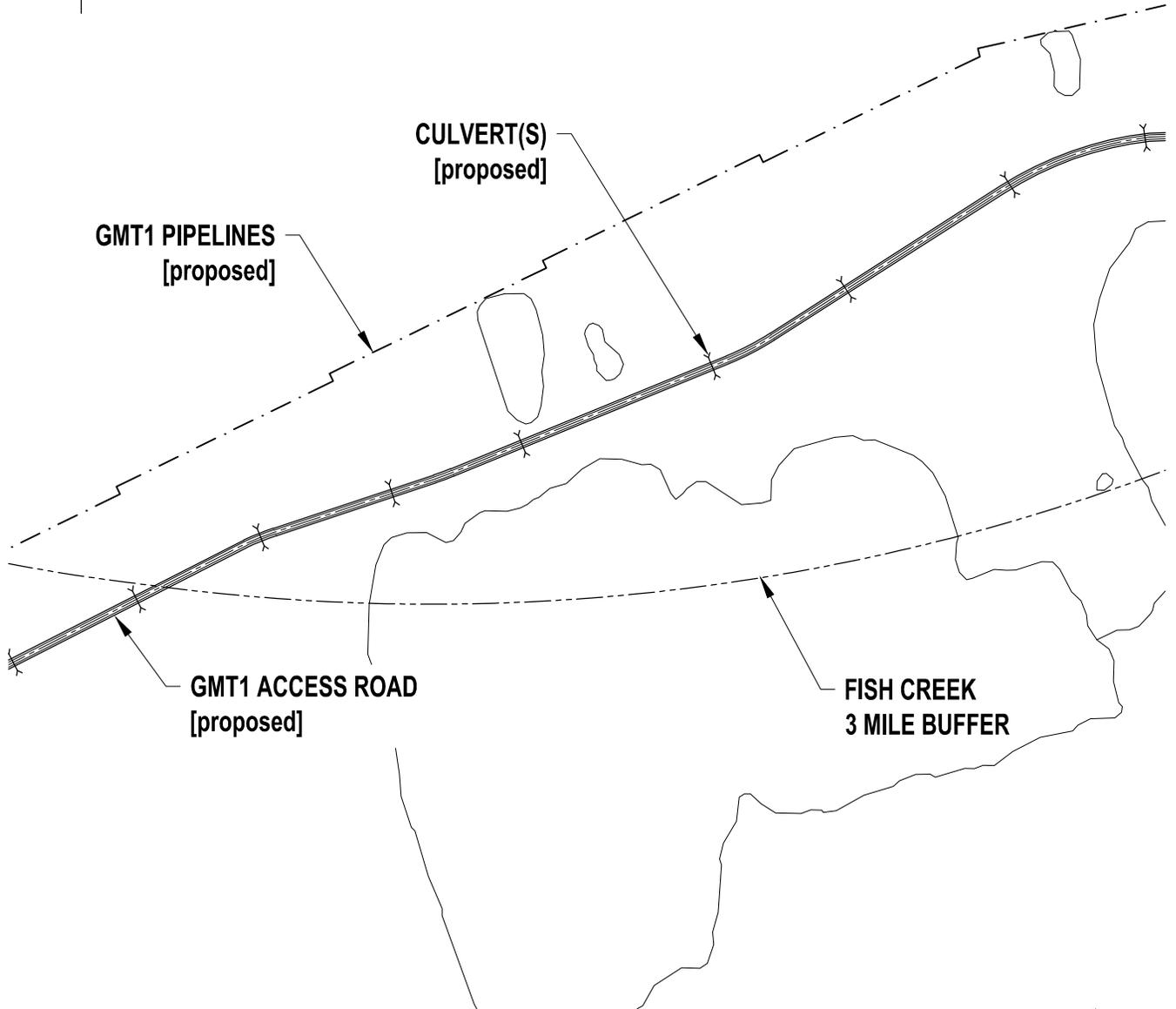
NOTE: 24" MINIMUM CULVERT SIZE FOR CROSS DRAINAGE. CULVERT LOCATIONS, SIZES, AND QUANTITIES TO BE DETERMINED.



PROPOSED GMT1 PIPELINE AND ACCESS ROAD
ROUTE KEY MAP 1 OF 9



REFERENCE: 2013
 APPLICANT: CPAI
 PROPOSED: GMT1 ROAD, PAD & PIPELINE CONSTRUCTION
 AT: ALASKA
 SHEET **9** of **36** 7-12-2013



NOTE: 24" MINIMUM CULVERT SIZE FOR CROSS DRAINAGE. CULVERT LOCATIONS, SIZES, AND QUANTITIES TO BE DETERMINED.



PROPOSED GMT1 PIPELINE AND ACCESS ROAD
ROUTE KEY MAP 2 OF 9



REFERENCE: 2013
 APPLICANT: CPAI
 PROPOSED: GMT1 ROAD, PAD & PIPELINE CONSTRUCTION
 AT: ALASKA
 SHEET **10** of **36** 7-12-2013



TINMIAQSIUGVIK
(UBLUTUOCH) RIVER
1/2 MILE BUFFER

40' BRIDGE
[proposed]

GMT1 PIPELINES
[proposed]

GMT1 ACCESS ROAD
[proposed]

CULVERT(S)
[proposed]

FISH CREEK
3 MILE BUFFER

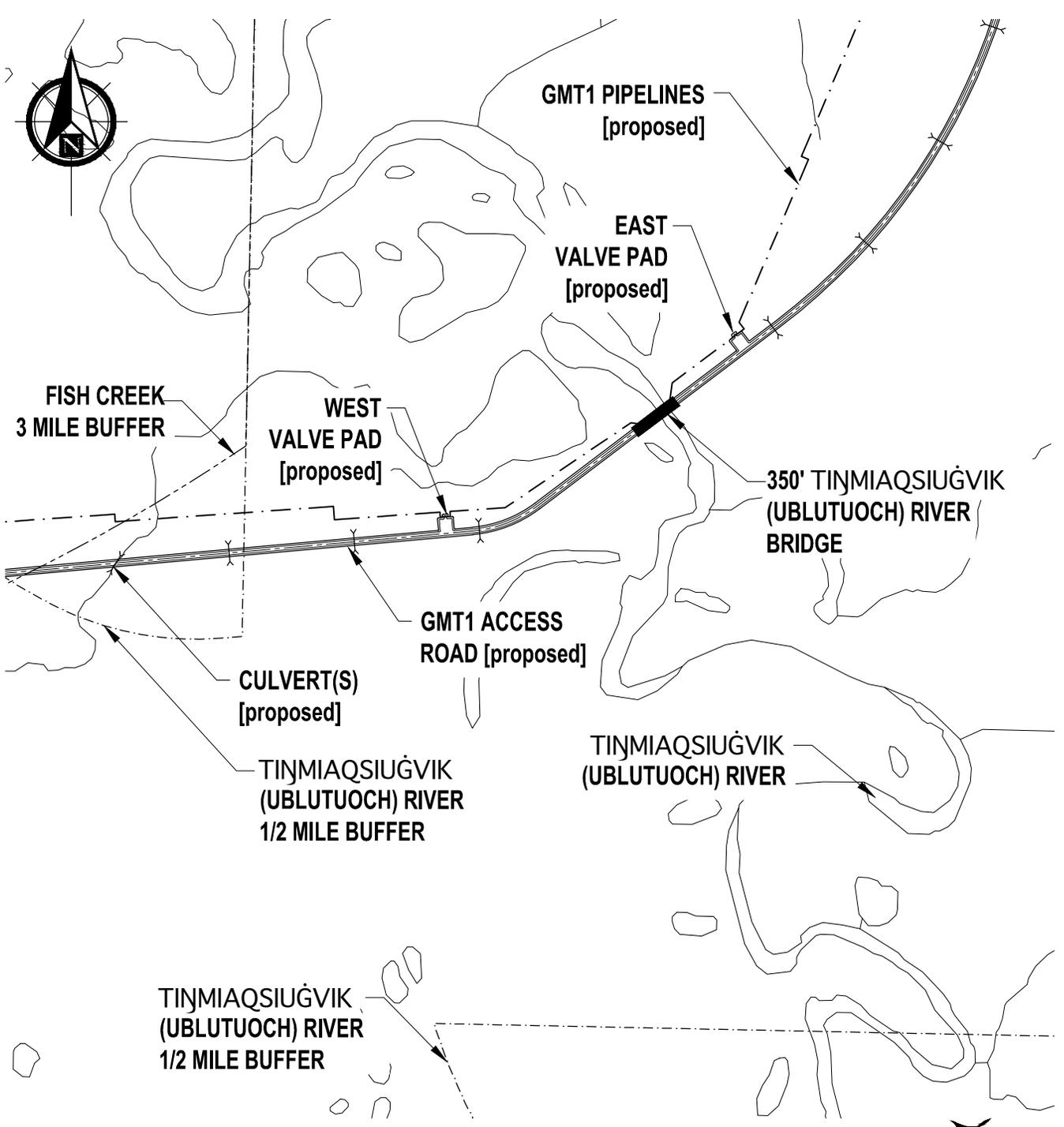
NOTE: 24" MINIMUM CULVERT SIZE FOR CROSS DRAINAGE. CULVERT LOCATIONS, SIZES, AND QUANTITIES TO BE DETERMINED.



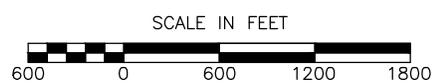
**PROPOSED GMT1 PIPELINE AND ACCESS ROAD
ROUTE KEY MAP 3 OF 9**



REFERENCE: 2013
APPLICANT: CPAI
PROPOSED: GMT1 ROAD, PAD
& PIPELINE
CONSTRUCTION
AT: ALASKA
SHEET **11** of **36** 7-12-2013



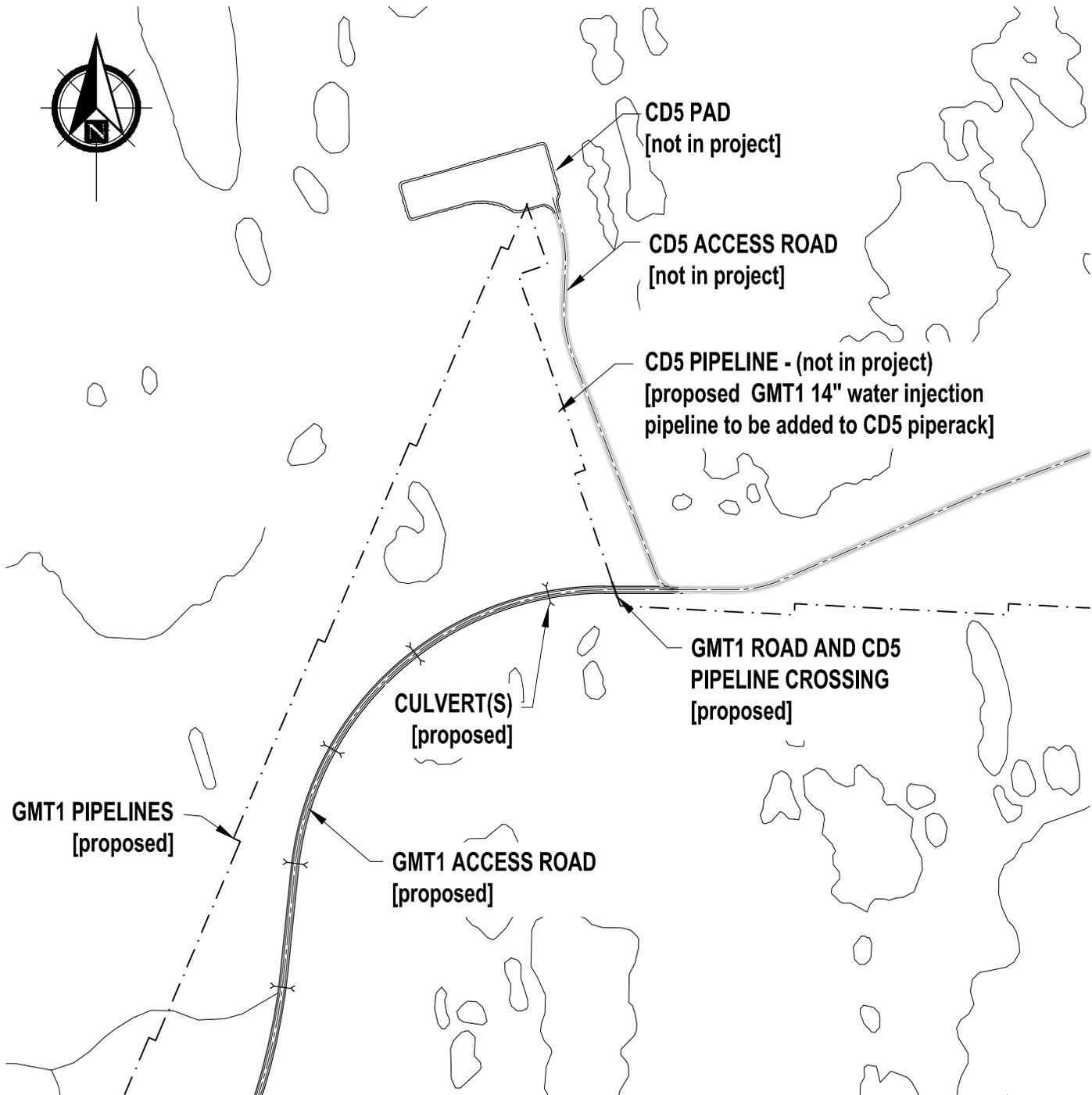
NOTE: 24" MINIMUM CULVERT SIZE FOR CROSS DRAINAGE. CULVERT LOCATIONS, SIZES, AND QUANTITIES TO BE DETERMINED.



**PROPOSED GMT1 PIPELINE AND ACCESS ROAD
ROUTE KEY MAP 4 OF 9**



REFERENCE: 2013
 APPLICANT: CPAI
 PROPOSED: GMT1 ROAD, PAD & PIPELINE CONSTRUCTION
 AT: ALASKA
 SHEET **12** of **36** 7-12-2013



NOTE: 24" MINIMUM CULVERT SIZE FOR CROSS DRAINAGE. CULVERT LOCATIONS, SIZES, AND QUANTITIES TO BE DETERMINED.



PROPOSED GMT1 PIPELINE AND ACCESS ROAD
ROUTE KEY MAP 5 OF 9



REFERENCE: 2013
 APPLICANT: CPAI
 PROPOSED: GMT1 ROAD, PAD & PIPELINE CONSTRUCTION
 AT: ALASKA
 SHEET **13** of **36** 7-12-2013



CD5 ACCESS ROAD
[not in project]

277' NIGLIAGVIK BRIDGE
[not in project]

VALVE PAD
[not in project]

CD5 PIPELINE - (not in project)
[proposed GMT1 14" water injection
pipeline to be added to CD5 piperack]

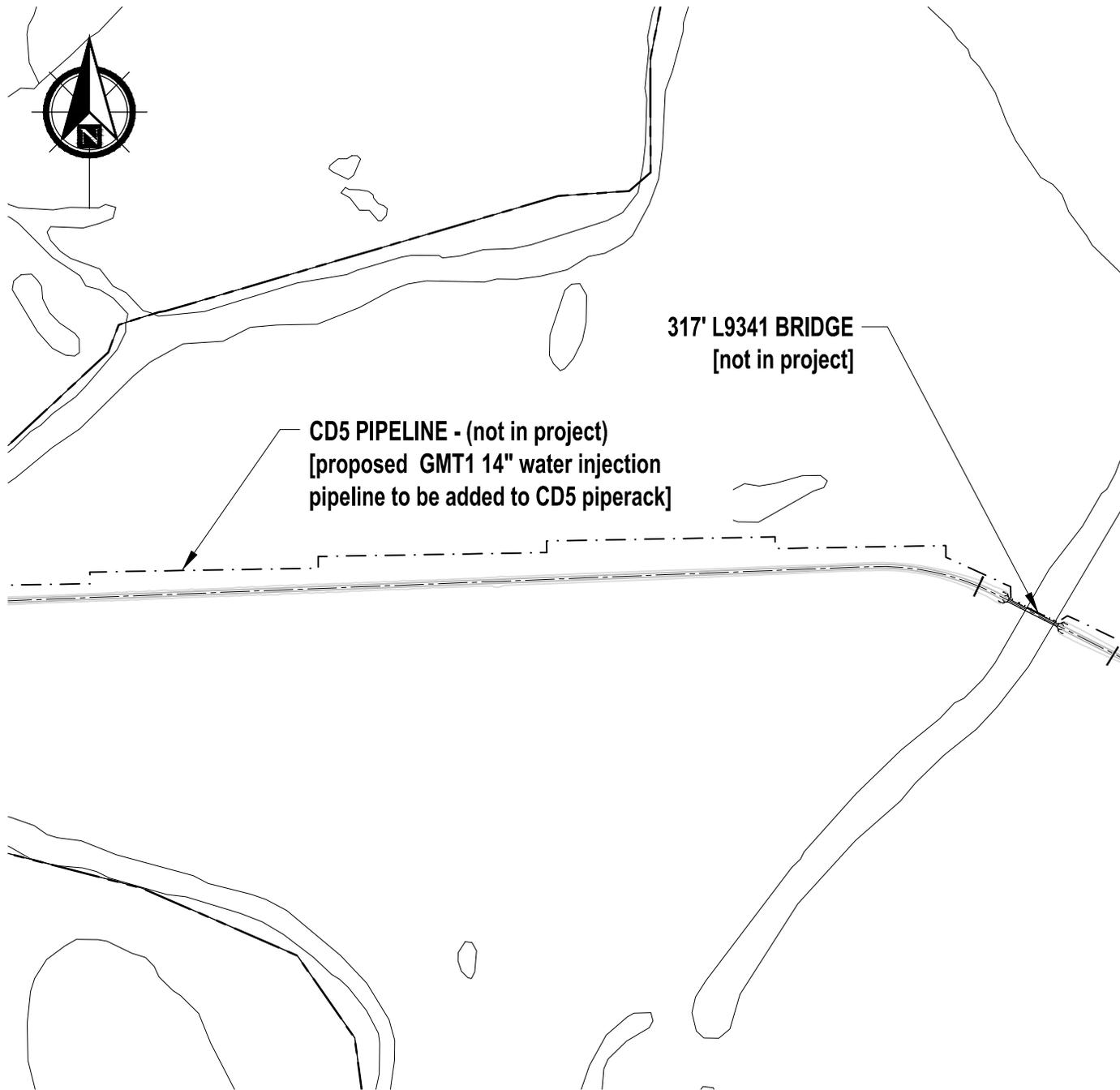
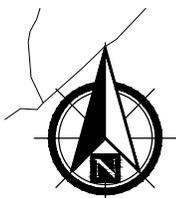
NUIQSUT LAYDOWN PAD
[not in project]

NUIQSUT TIE-IN ROAD
[not in project]



REFERENCE: 2013
APPLICANT: CPAI
PROPOSED: GMT1 ROAD, PAD
& PIPELINE
CONSTRUCTION
AT: ALASKA
SHEET **14** of **36** 7-12-2013

EXISTING CD5 TO CD4N PIPELINE AND ACCESS ROAD
ROUTE KEY MAP 6 OF 9



317' L9341 BRIDGE
[not in project]

CD5 PIPELINE - (not in project)
[proposed GMT1 14" water injection
pipeline to be added to CD5 piperack]



REFERENCE: 2013
APPLICANT: CPAI
PROPOSED: GMT1 ROAD, PAD
& PIPELINE
CONSTRUCTION
AT: ALASKA
SHEET **15** of **36** 7-12-2013

EXISTING CD5 TO CD4N PIPELINE AND ACCESS ROAD
KEY ROUTE MAP 7 OF 9



NIGLIQ CHANNEL

CD4 ROAD
[existing]

CD4 & ALPINE SALES
PIPELINES [existing]
CD5 PIPELINES [not in project]

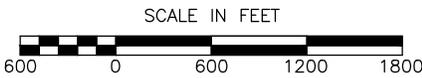
GMT1 PIPELINE
[proposed piperack with 14" water injection pipeline
parallel to existing CD4 and Alpine sales piperacks.]

CD5 PIPELINE - (not in project)
[proposed GMT1 14" water injection
pipeline to be added to CD5 piperack]

1405' NIGLIQ BRIDGE
[not in project]

250' L9323 BRIDGE
[not in project]

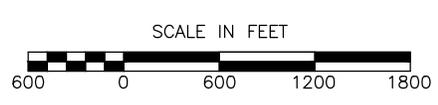
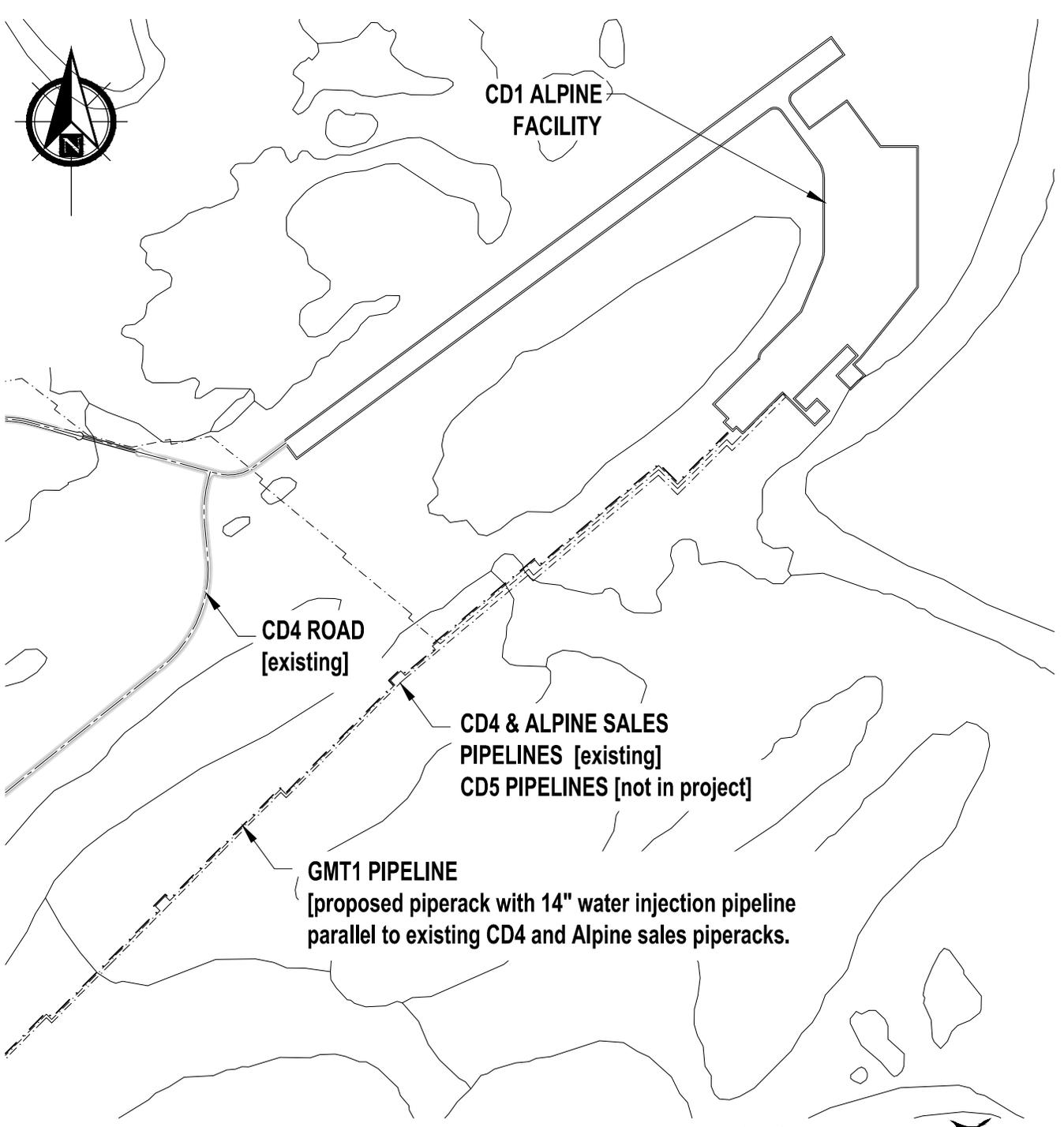
CD5 ROAD
[not in project]



ConocoPhillips
Alaska, Inc.

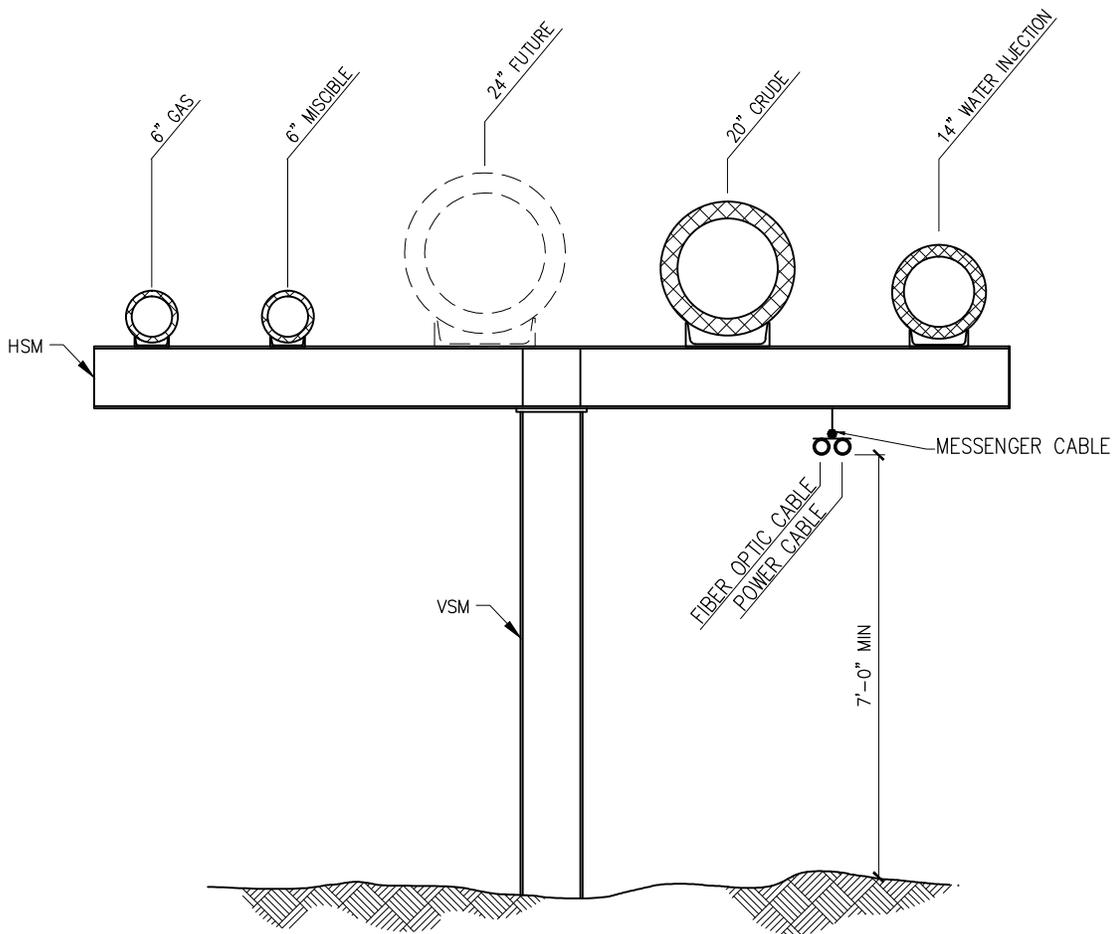
PROPOSED GMT1 PIPELINE (CD4N TO CD1)
ROUTE KEY MAP 8 OF 9

REFERENCE: 2013
APPLICANT: CPAI
PROPOSED: GMT1 ROAD, PAD
& PIPELINE
CONSTRUCTION
AT: ALASKA
SHEET **16** of **36** 7-12-2013



PROPOSED GMT1 PIPELINE (CD4N TO CD1)
ROUTE KEY MAP 9 OF 9

REFERENCE: 2013
 APPLICANT: CPAI
 PROPOSED: GMT1 ROAD, PAD & PIPELINE CONSTRUCTION
 AT: ALASKA
 SHEET **17** of **36** 7-12-2013

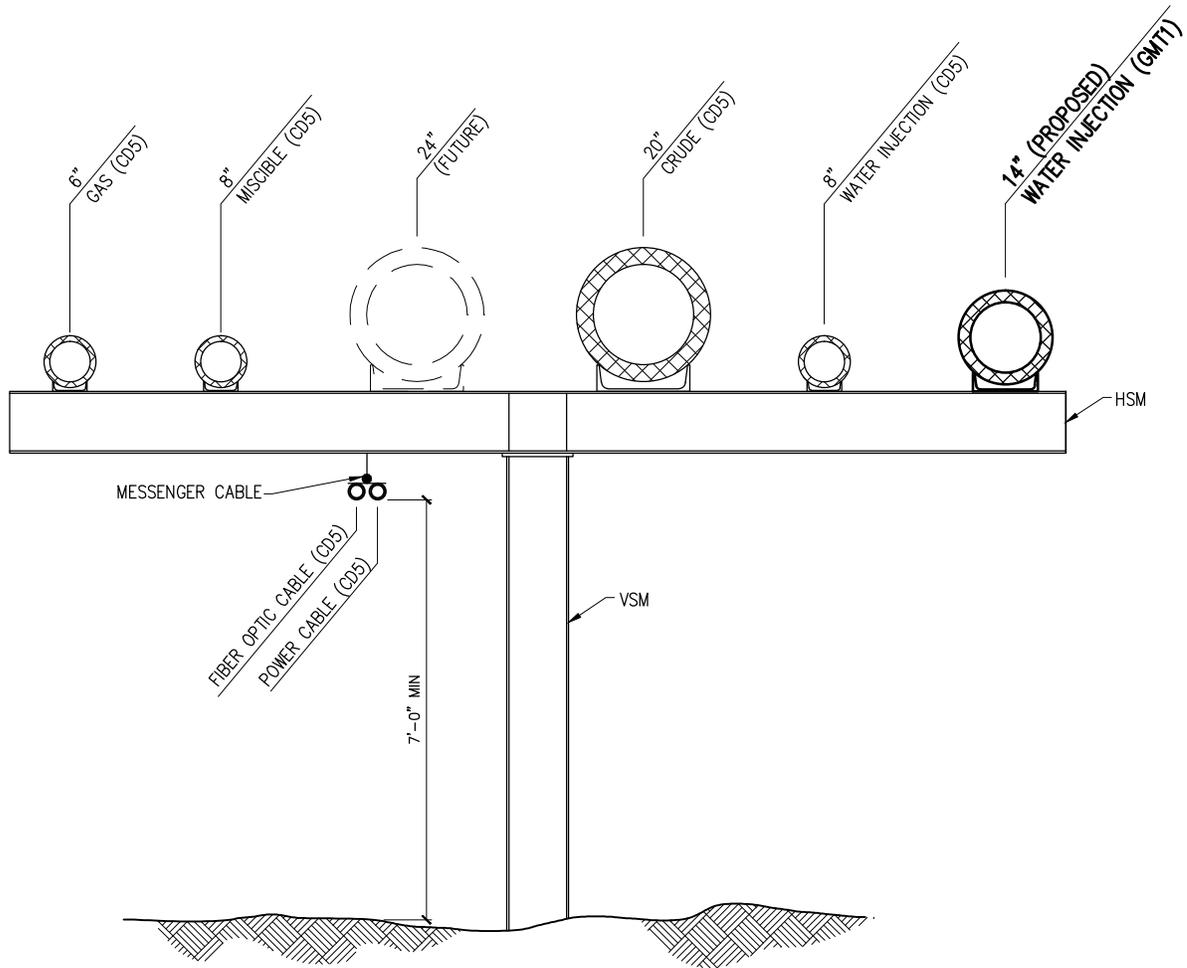


GMT1 TO CD5 PROPOSED PIPELINE TYPICAL SECTION



REFERENCE: 2013
 APPLICANT: CPAI
 PROPOSED: GMT1 ROAD, PAD
 & PIPELINE
 CONSTRUCTION
 AT: ALASKA
 SHEET **18** of **36** 7-12-2013

GMT1 TO CD5 PROPOSED PIPELINE TYPICAL SECTION



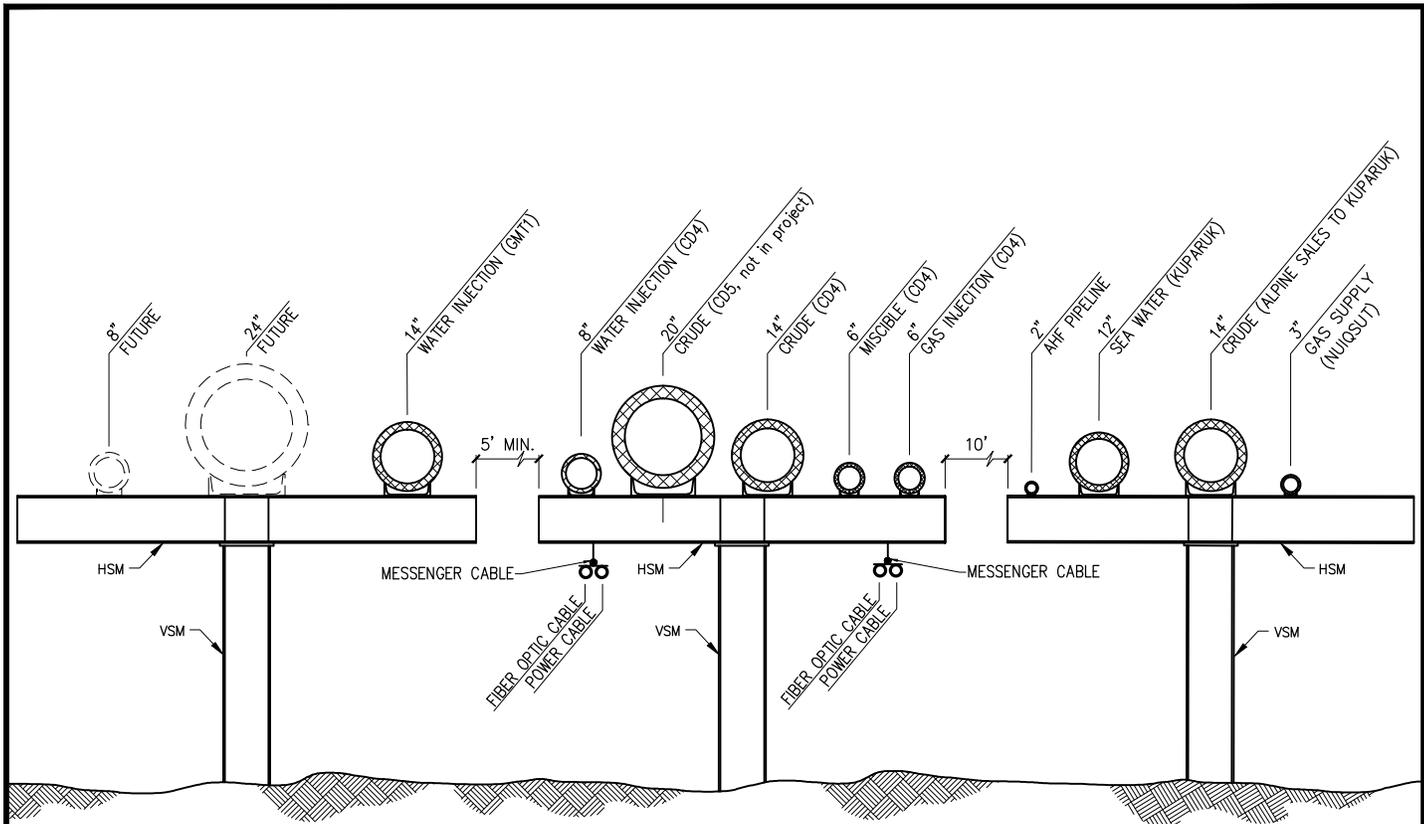
CD5 TO CD4N TYPICAL PIPELINE SECTION

NOTE: PROPOSED 14" WATER INJECTION LINE TO BE ADDED TO CD5 PIPERACK [not in project].



REFERENCE: 2013
 APPLICANT: CPAI
 PROPOSED: GMT1 ROAD, PAD
 & PIPELINE
 CONSTRUCTION
 AT: ALASKA
 SHEET **19** of **36** 7-12-2013

CD5 to CD4N PROPOSED PIPELINE SECTION



**PROPOSED
GMT1 PIPELINE**

**EXISTING
CD-4 PIPELINE**

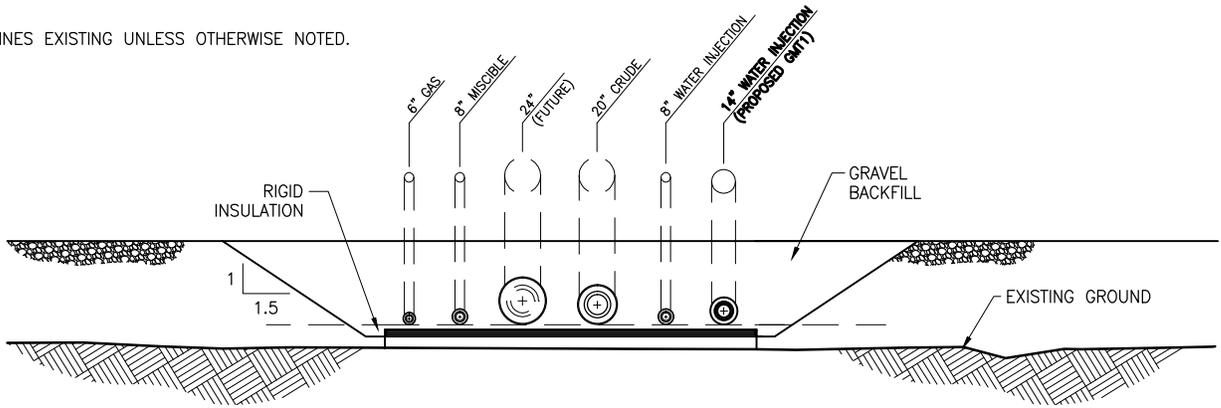
**EXISTING ALPINE
SALES PIPELINE**

CD4N TO CD1 (ALPINE) PROPOSED PIPELINE SECTION



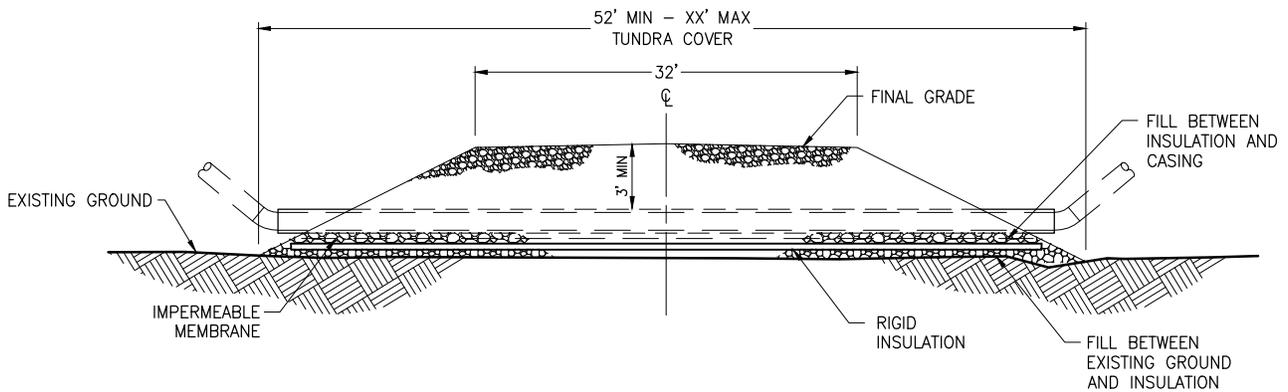
REFERENCE: 2013
 APPLICANT: CPAI
 PROPOSED: GMT1 ROAD, PAD
 & PIPELINE
 CONSTRUCTION
 AT: ALASKA
 SHEET **20** of **36** 7-12-2013

NOTE: PIPELINES EXISTING UNLESS OTHERWISE NOTED.



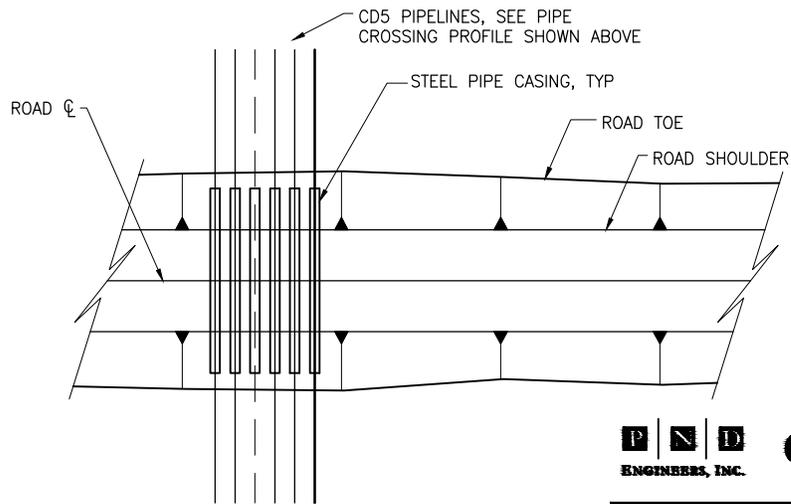
PIPE CROSSING PROFILE

NOT TO SCALE



PIPE CROSSING SECTION

NOT TO SCALE



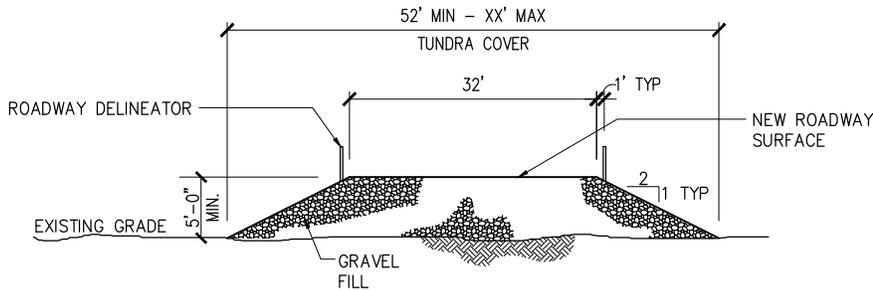
PIPE CROSSING PLAN

NOT TO SCALE



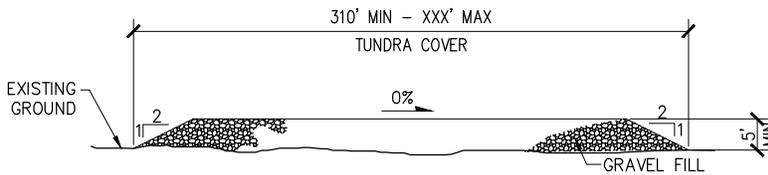
REFERENCE: 2013
 APPLICANT: CPAI
 PROPOSED: GMT1 ROAD, PAD & PIPELINE CONSTRUCTION
 AT: ALASKA
 SHEET **21** of **36** 7-12-2013

GMT1 ROAD AT CD5 PIPELINE CROSSING



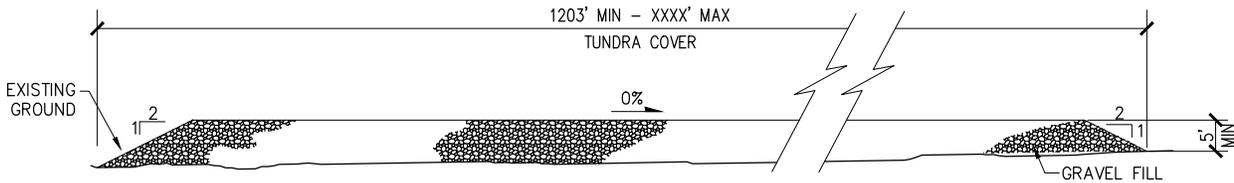
GMT1 TYPICAL GRAVEL ROADWAY SECTION

NOT TO SCALE



GMT1 TYPICAL WELL PAD TRANSVERSE SECTION

NOT TO SCALE



GMT1 TYPICAL WELL PAD LONGITUDINAL SECTION

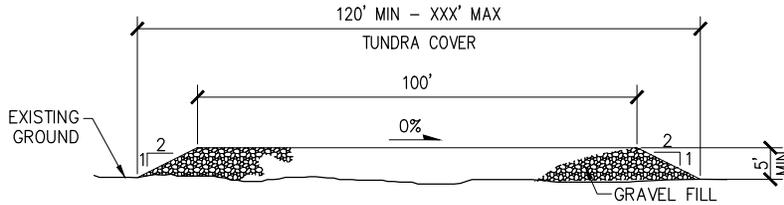
NOT TO SCALE

NOTE: TOE TO TOE DIMENSIONS ARE BASED ON A MINIMUM FILL DEPTH



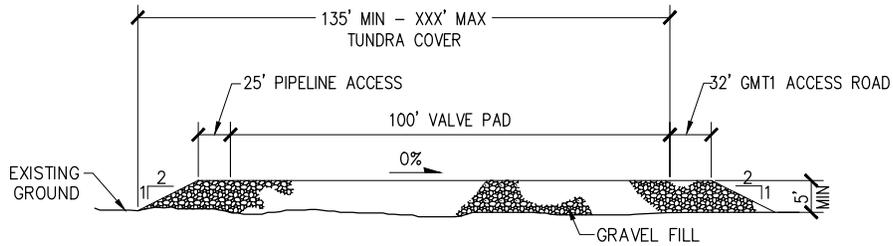
GMT1 PROPOSED TYPICAL ROAD & WELL PAD SECTIONS

REFERENCE: 2013
 APPLICANT: CPAI
 PROPOSED: GMT1 ROAD, PAD & PIPELINE CONSTRUCTION
 AT: ALASKA
 SHEET **22** of **36** 7-12-2013



VALVE PAD TYPICAL TRANSVERSE SECTION

NOT TO SCALE



**VALVE PAD TYPICAL LONGITUDINAL SECTION
WITH 25' PIPELINE ACCESS EXTENSION**

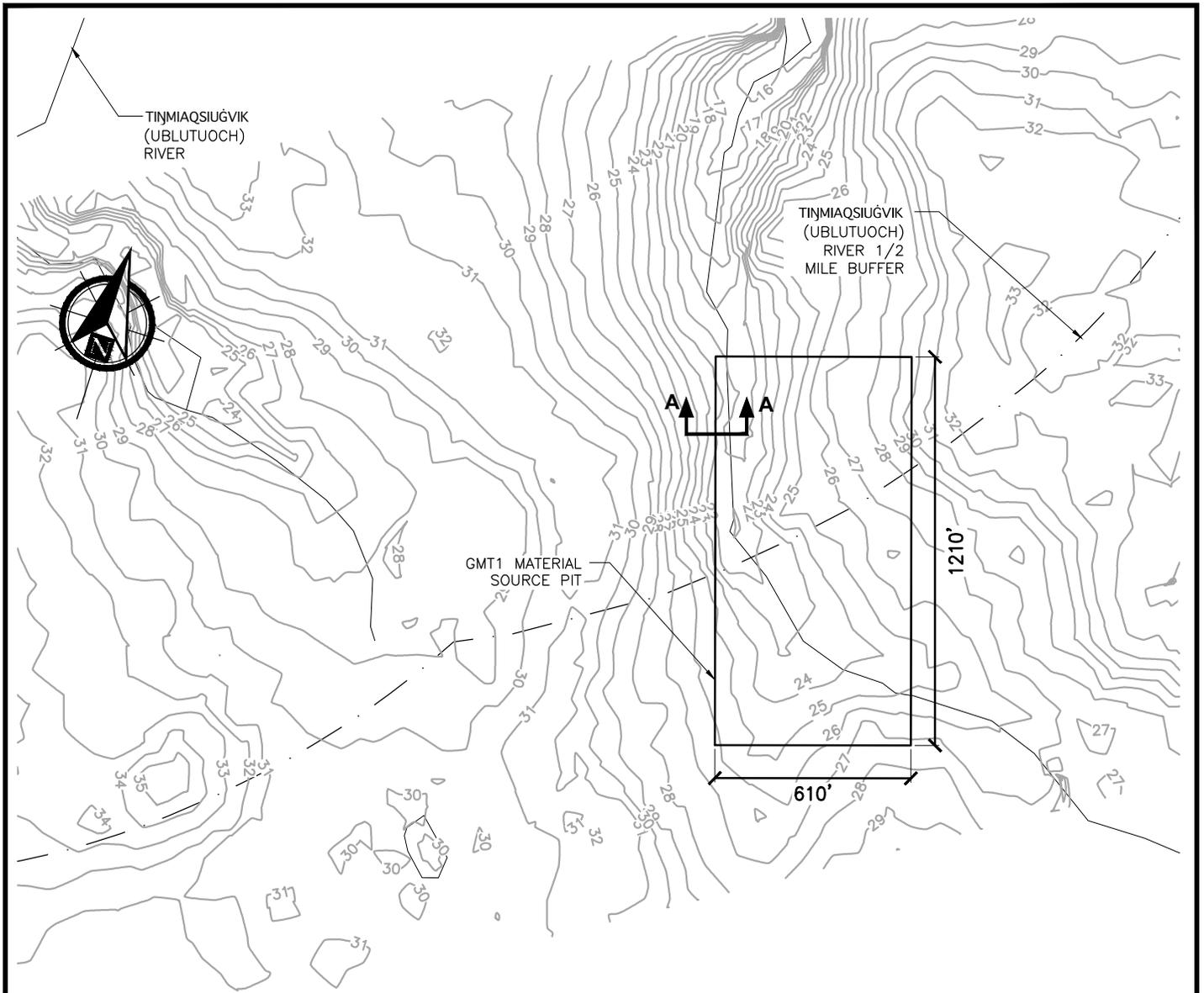
NOT TO SCALE

NOTE: TOE TO TOE DIMENSIONS ARE BASED ON A MINIMUM FILL DEPTH

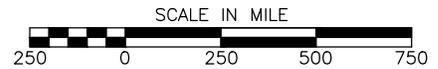


**GMT1 PROPOSED TYPICAL
VALVE PAD SECTIONS**

REFERENCE: 2013
 APPLICANT: CPAI
 PROPOSED: GMT1 ROAD, PAD
 & PIPELINE
 CONSTRUCTION
 AT: ALASKA
 SHEET **23** of **36** 7-12-2013



NOTE:
 PIT LAYOUT IS FOR INFORMATIONAL PURPOSES ONLY. THE FINAL CONFIGURATION WILL DEPEND ON ADDITIONAL EVALUATION OF GEOTECHNICAL INFORMATION AND WILL CONFORM TO PERMIT STIPULATION.

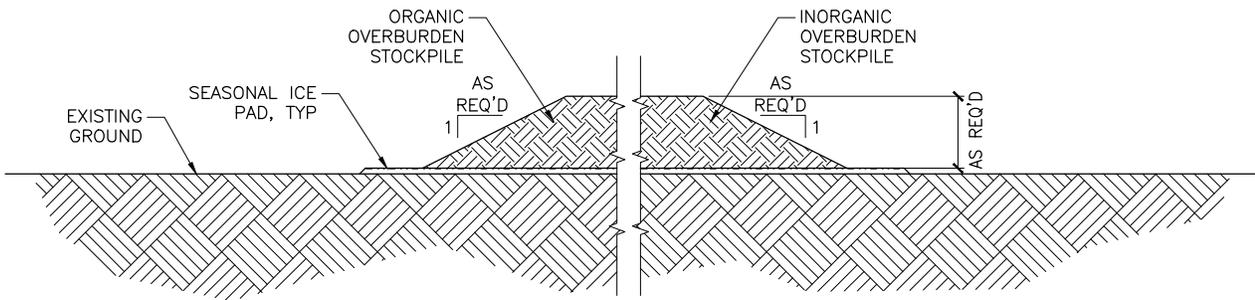


CLOVER MATERIAL SOURCE	
GMT1 MATERIAL SOURCE PIT FOOTPRINT	18.7 ACRES
PERMIT AREA	18.7 ACRES
GRAVEL REQUIREMENT FOR GMT1	625,500 C.Y.



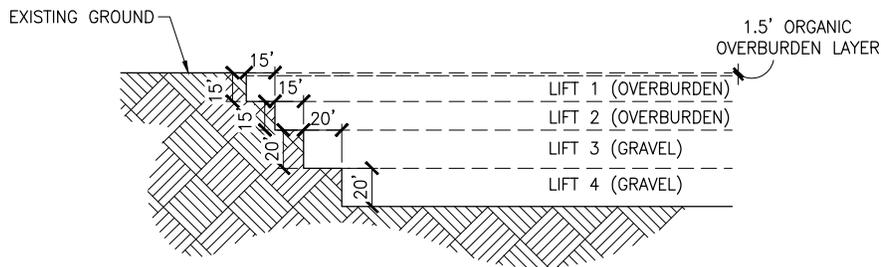
PROPOSED CLOVER MATERIAL SOURCE DEVELOPMENT

REFERENCE: 2013
 APPLICANT: CPAI
 PROPOSED: GMT1 ROAD, PAD & PIPELINE CONSTRUCTION
 AT: ALASKA
 SHEET **24** of **36** 7-12-2013



**TEMPORARY OVERBURDEN STOCKPILE ON SEASONAL ICE PAD
TYPICAL SECTION (ADJACENT TO CLOVER MINE SITE)**

NTS



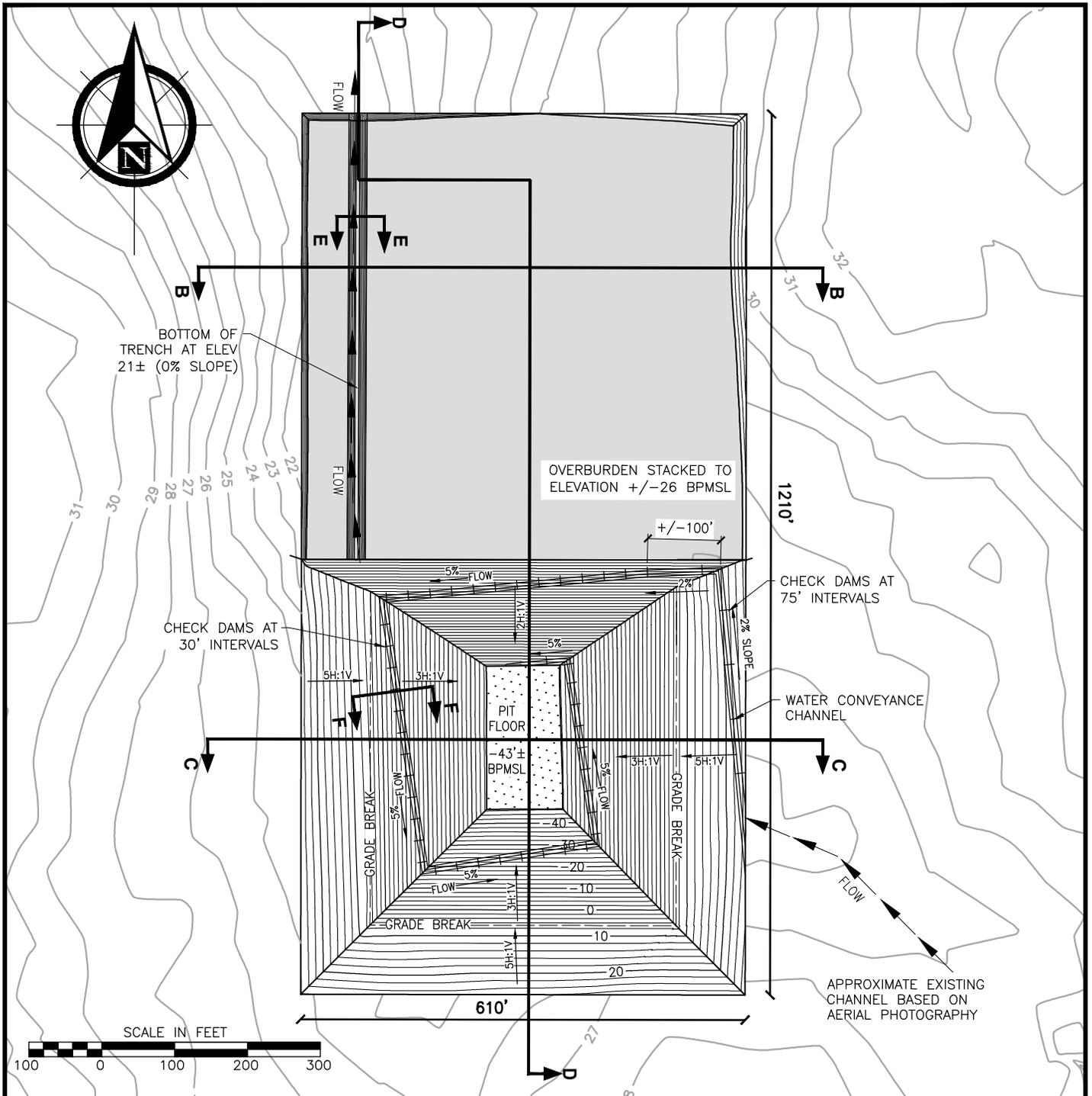
SECTION A-A

NTS



**PROPOSED CLOVER MATERIAL SOURCE
DEVELOPMENT SECTIONS**

REFERENCE: 2013
 APPLICANT: CPAI
 PROPOSED: GMT1 ROAD, PAD
 & PIPELINE
 CONSTRUCTION
 AT: ALASKA
 SHEET **25** of **36** 7-12-2013

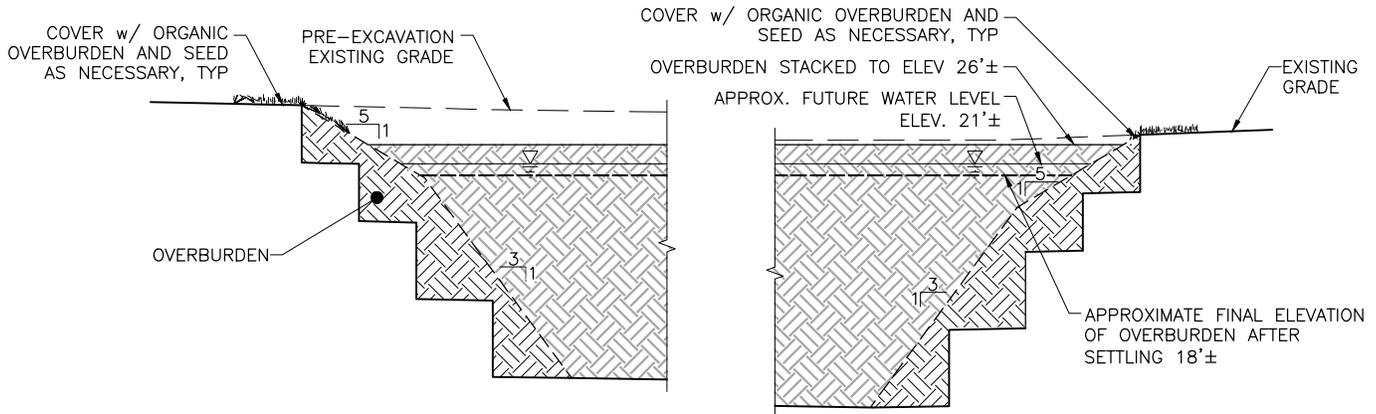


NOTE: EXISTING CREEK TO BE DIRECTED ALONG WATER CONVEYANCE CHANNEL TO PIT FLOOR. CHECK DAMS TO BE PLACED AS SHOWN TO REDUCE FLOW VELOCITY AND PREVENT SCOURING. WATER TO FILL PIT AND EXIT OUTFALL TRENCH AT ELEVATION 21'± BPMSL AT EXISTING FLOW RATE.

**PROPOSED CLOVER MATERIAL
SOURCE DEVELOPMENT
REHABILITATION PLAN**

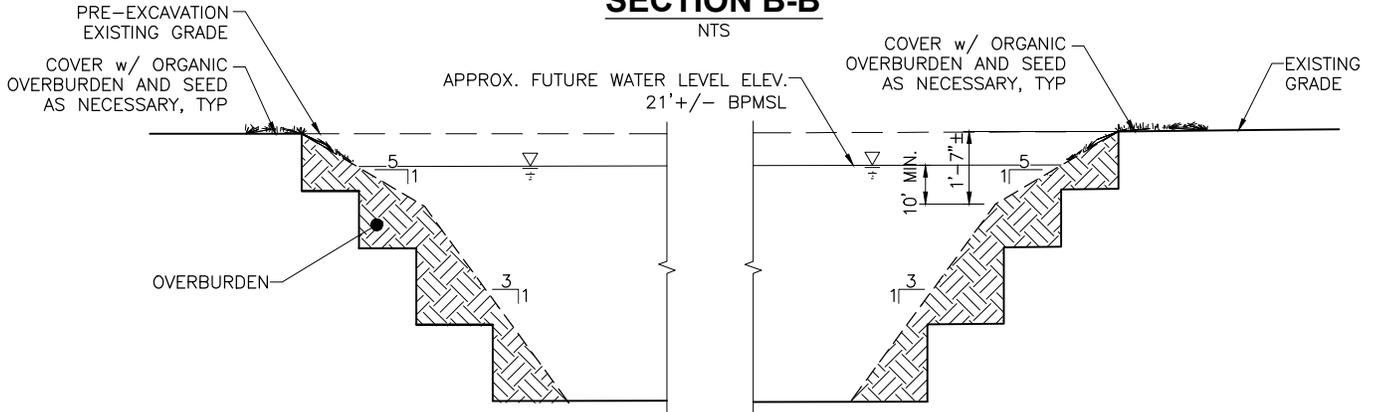


REFERENCE: 2013
 APPLICANT: CPAI
 PROPOSED: GMT1 ROAD, PAD & PIPELINE CONSTRUCTION
 AT: ALASKA
 SHEET **26** of **36** 7-12-2013



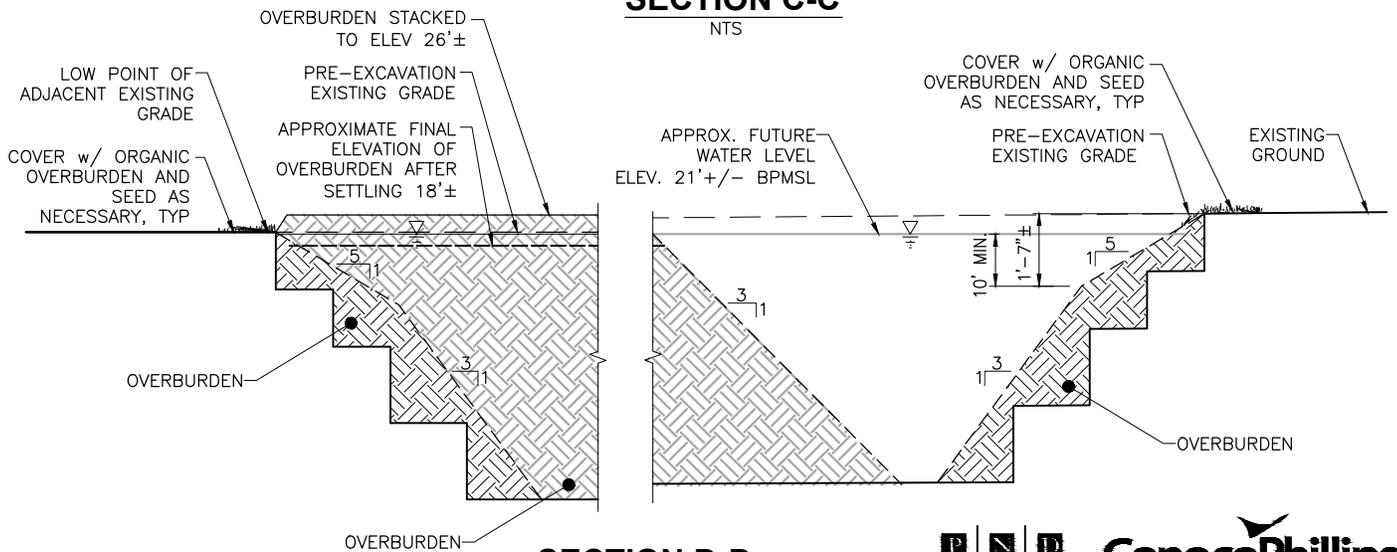
SECTION B-B

NTS



SECTION C-C

NTS



SECTION D-D

NTS

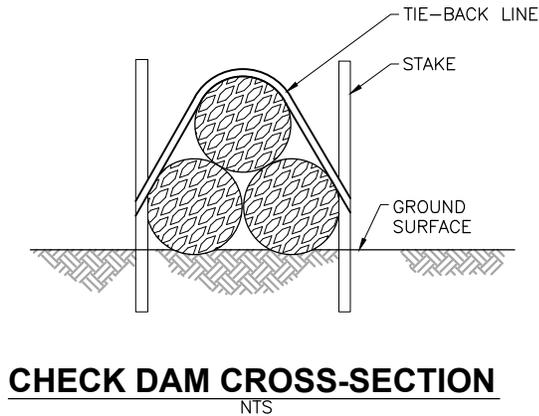
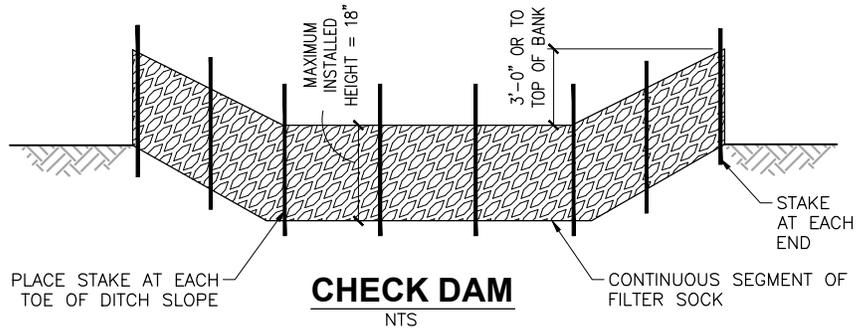


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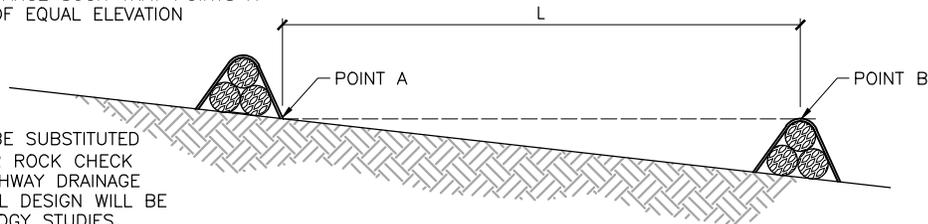
NOTE: WATER CONVEYANCE CHANNEL AND TRENCH NOT SHOWN FOR CLARITY

**PROPOSED CLOVER MATERIAL SOURCE
DEVELOPMENT REHABILITATION SECTIONS**

REFERENCE: 2013
 APPLICANT: CPAI
 PROPOSED: GMT1 ROAD, PAD & PIPELINE CONSTRUCTION
 AT: ALASKA
 SHEET **27** of **36** 7-12-2013

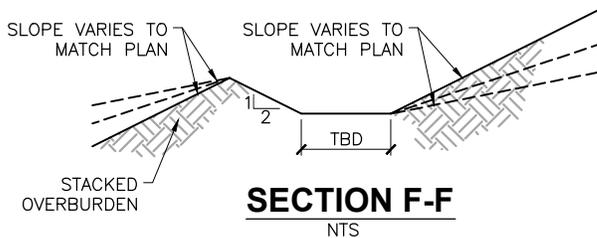
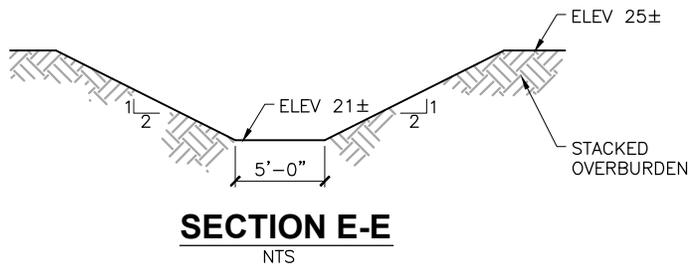


L = THE DISTANCE SUCH THAT POINTS A AND B ARE OF EQUAL ELEVATION



NOTE: FILTER SOCKS MAY BE SUBSTITUTED WITH GRAVEL BAGS AND/OR ROCK CHECK DAMS PER THE ALASKA HIGHWAY DRAINAGE MANUAL, OCT.1, 2001. FINAL DESIGN WILL BE BASED ON FUTURE HYDROLOGY STUDIES.

SPACING BETWEEN CHECK DAMS
NTS



PROPOSED WATER DIVERSION CHANNELS

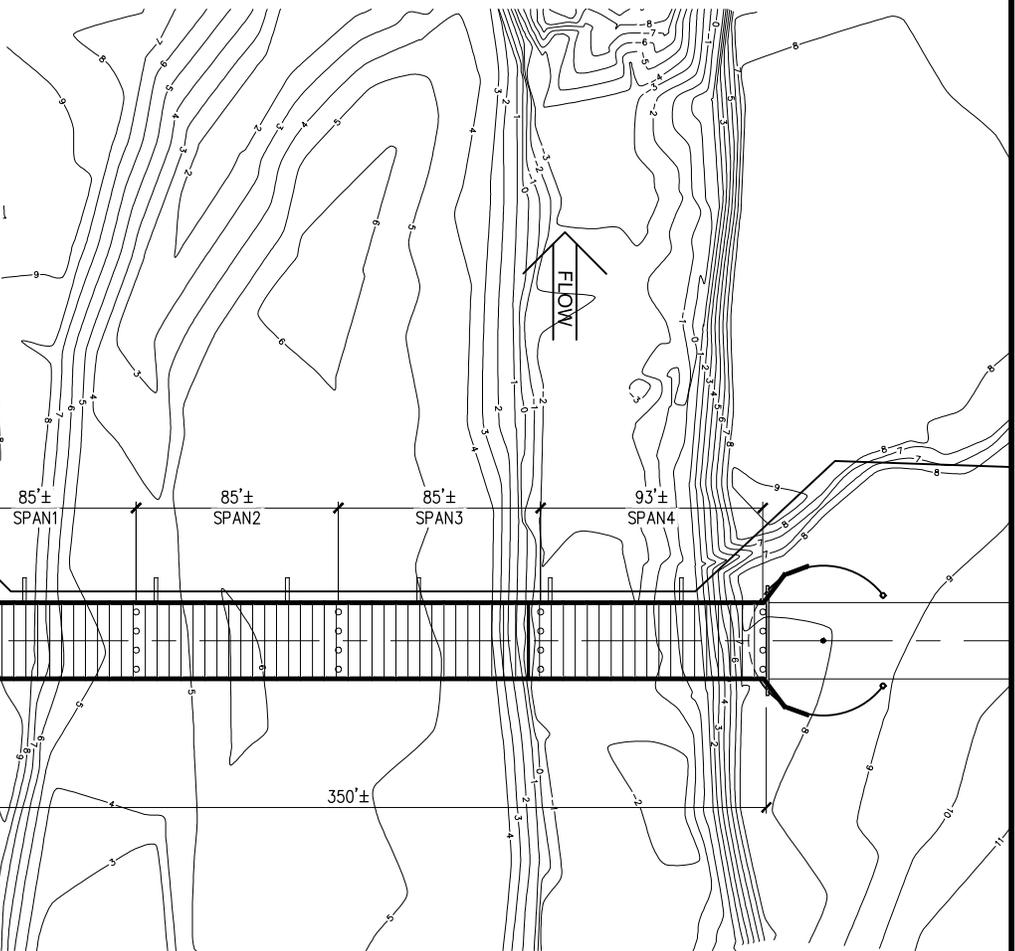
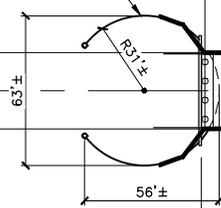


REFERENCE: 2013
 APPLICANT: CPAI
 PROPOSED: GMT1 ROAD, PAD & PIPELINE CONSTRUCTION
 AT: ALASKA
 SHEET **28** of **36** 7-12-2013



GMT1 PIPELINE
[proposed]

SHEET PILE
ABUTMENT, TYP



PROPOSED TINMIAQSIUGVIK (UBLUTUOCH) BRIDGE PLAN

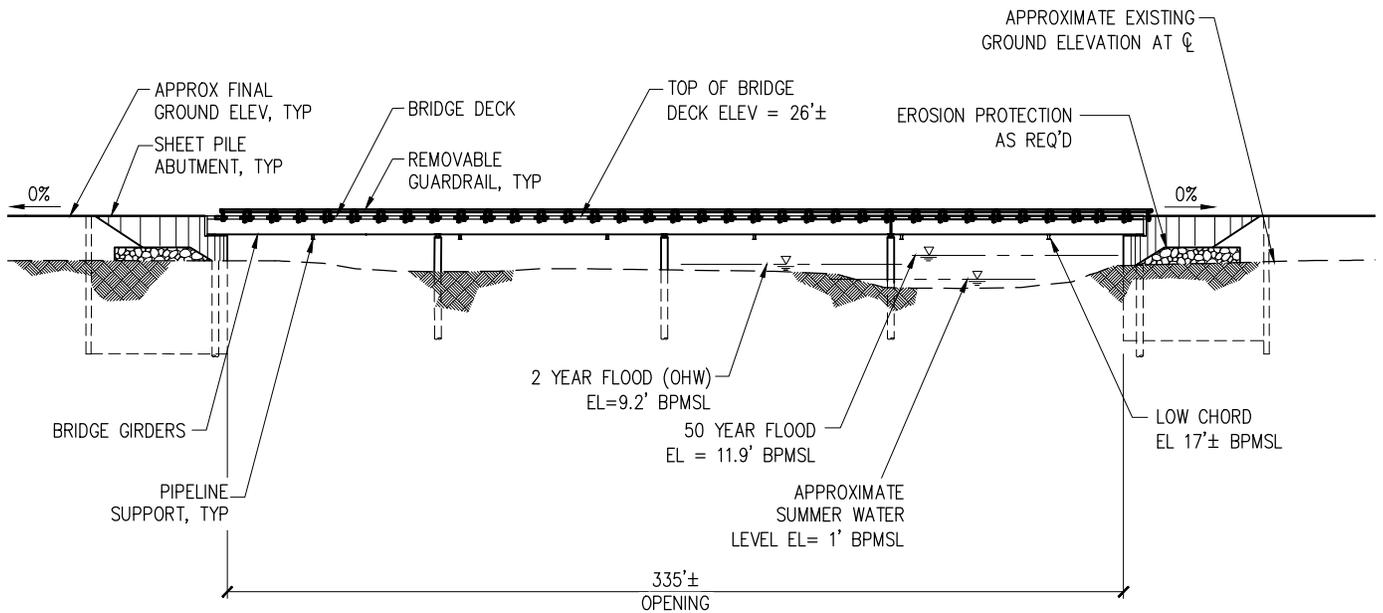
NTS



ConocoPhillips
Alaska, Inc.

GMT1 PROPOSED TINMIAQSIUGVIK BRIDGE PLAN

REFERENCE: 2013
APPLICANT: CPAI
PROPOSED: GMT1 ROAD, PAD
& PIPELINE
CONSTRUCTION
AT: ALASKA
SHEET **29** of **36** 7-12-2013



PROPOSED TINMIAQSIUGVIK (UBLUTUOCH) BRIDGE ELEVATION AT CENTERLINE

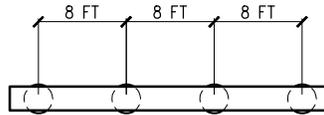
NTS



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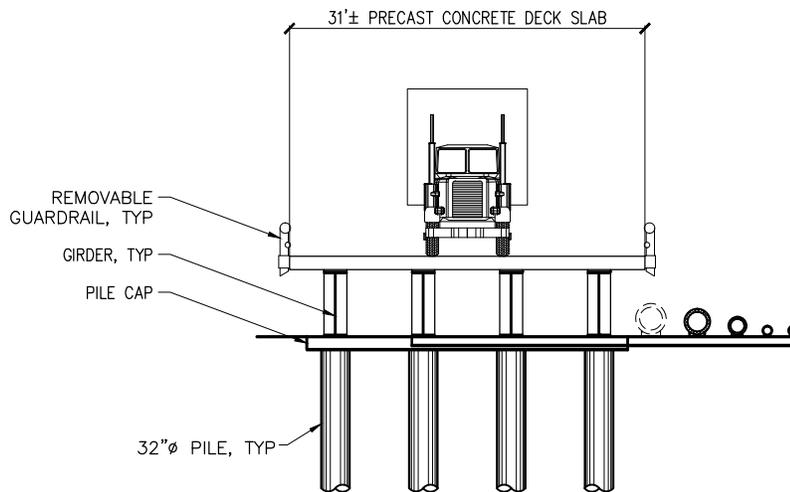
REFERENCE: 2013
 APPLICANT: CPAI
 PROPOSED: GMT1 ROAD, PAD
 & PIPELINE
 CONSTRUCTION
 AT: ALASKA
 SHEET **30** of **36** 7-12-2013

**GMT1 PROPOSED TINMIAQSIUGVIK BRIDGE
 PROFILE**



PROPOSED TINMIAQSIUGVIK (UBLUTUOCH) BRIDGE PIER PLAN VIEW

NTS



PROPOSED TINMIAQSIUGVIK (UBLUTUOCH) BRIDGE PIER ELEVATION VIEW

NTS

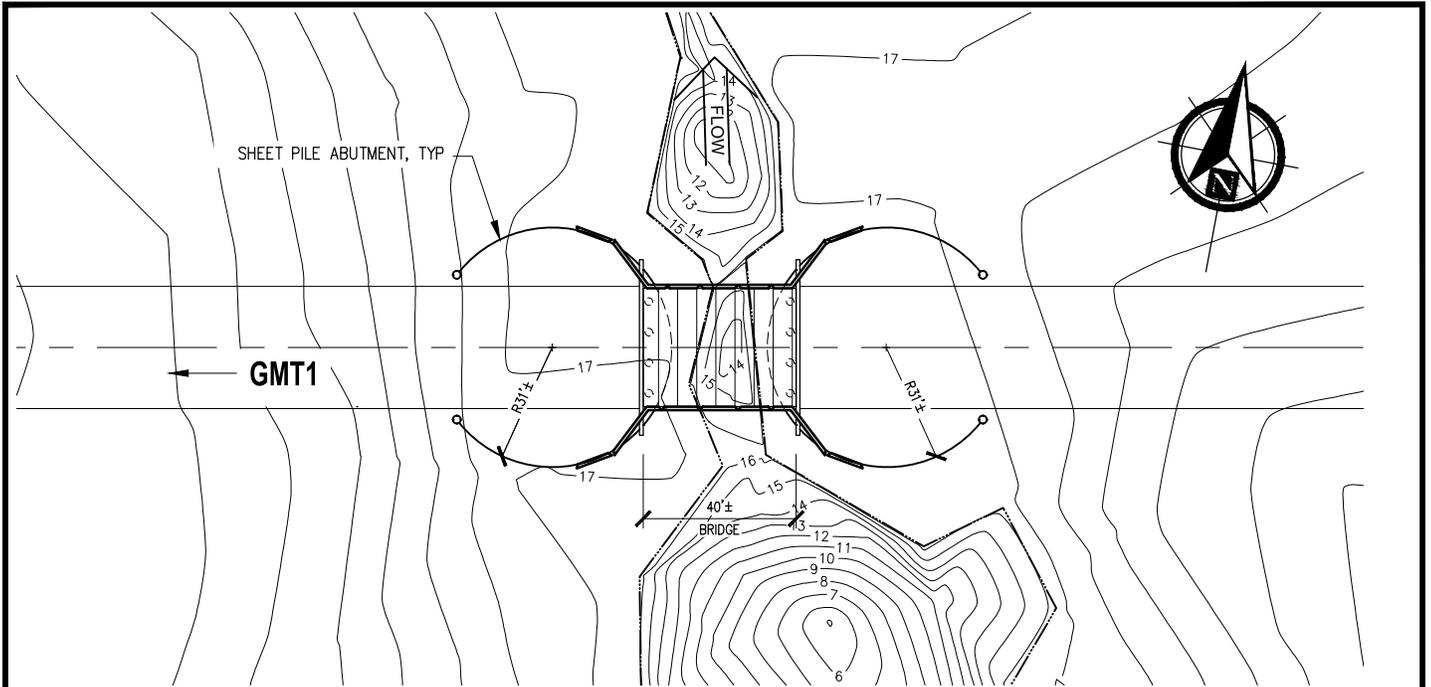


REFERENCE: 2013
 APPLICANT: CPAI
 PROPOSED: GMT1 ROAD, PAD
 & PIPELINE
 CONSTRUCTION

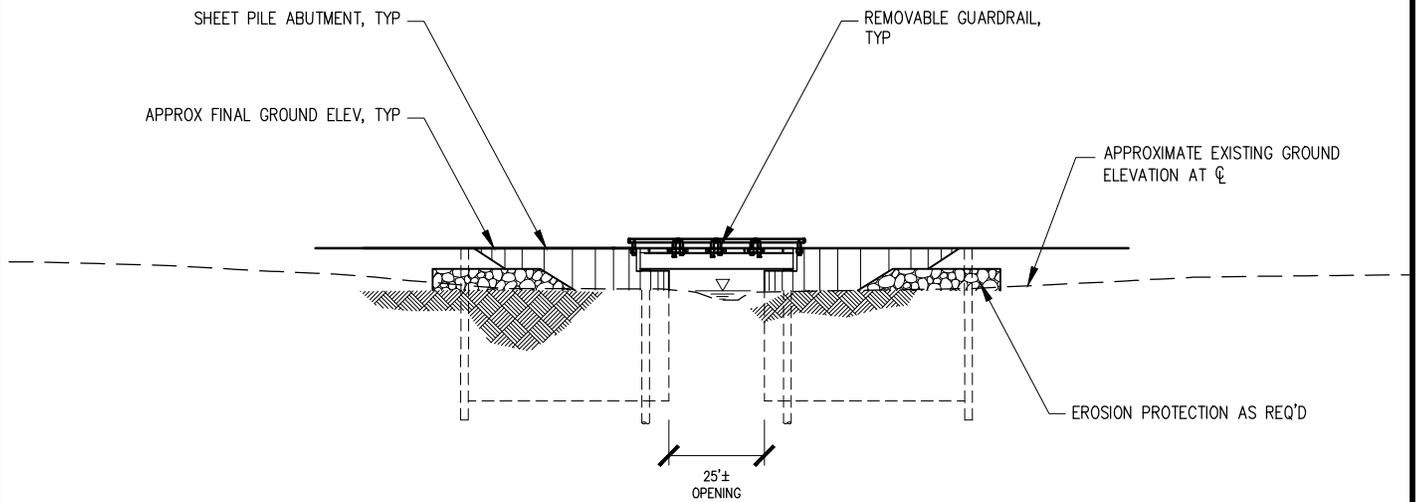
AT: ALASKA

SHEET **31** of **36** 7-12-2013

**GMT1 PROPOSED TINMIAQSIUGVIK (UBLUTUOCH)
 BRIDGE PIER PLAN AND ELEVATION**



PROPOSED 40' BRIDGE PLAN
NTS



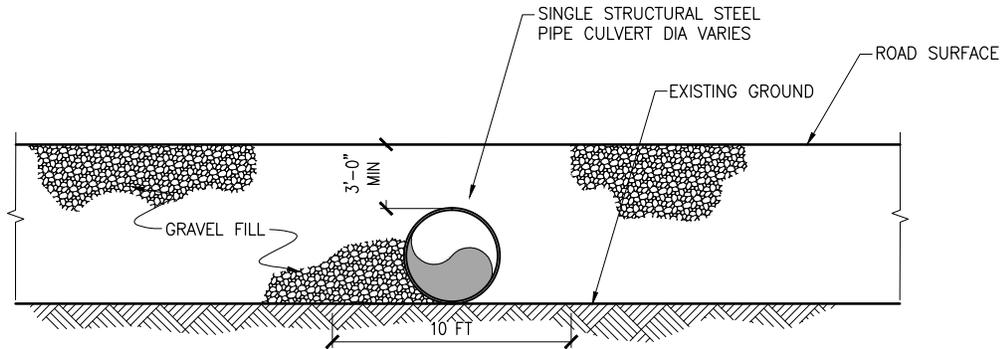
PROPOSED 40' BRIDGE ELEVATION AT CENTERLINE
NTS

NOTE: BRIDGE AND FLOOD ELEVATIONS TBD

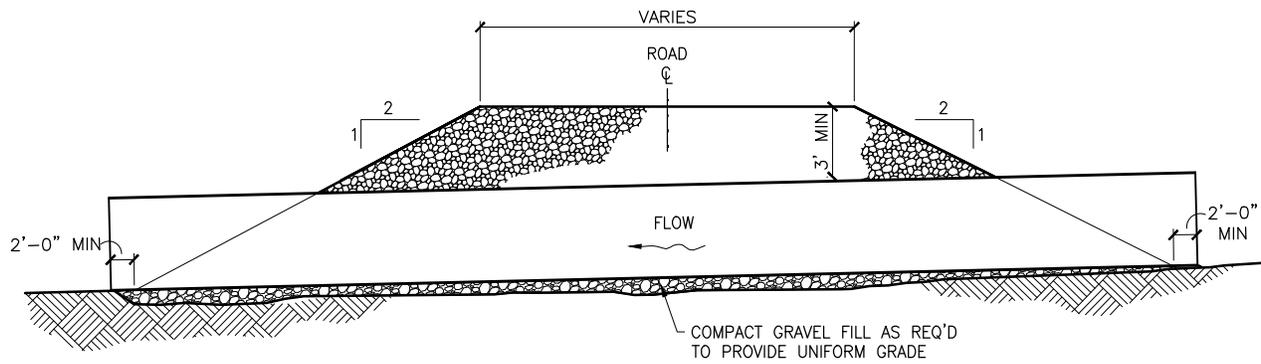


REFERENCE: 2013
 APPLICANT: CPAI
 PROPOSED: GMT1 ROAD, PAD & PIPELINE CONSTRUCTION
 AT: ALASKA
 SHEET **32** of **36** 7-12-2013

**GMT1 PROPOSED 40' BRIDGE
PLAN AND ELEVATION**



PROPOSED SINGLE CULVERT ELEVATION

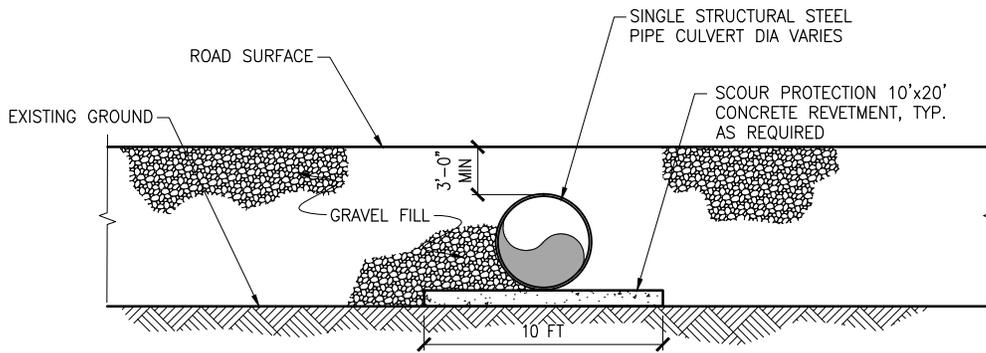


PROPOSED CULVERT SECTION

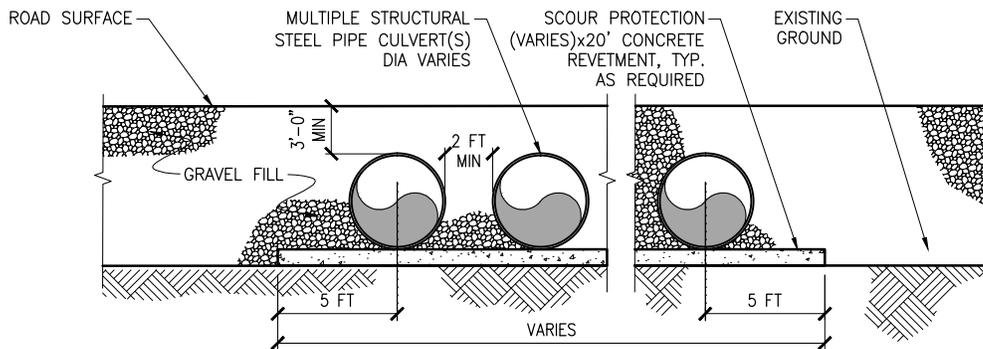
**GMT1 PROPOSED TYPICAL
CROSS DRAINAGE CULVERT
SECTION**



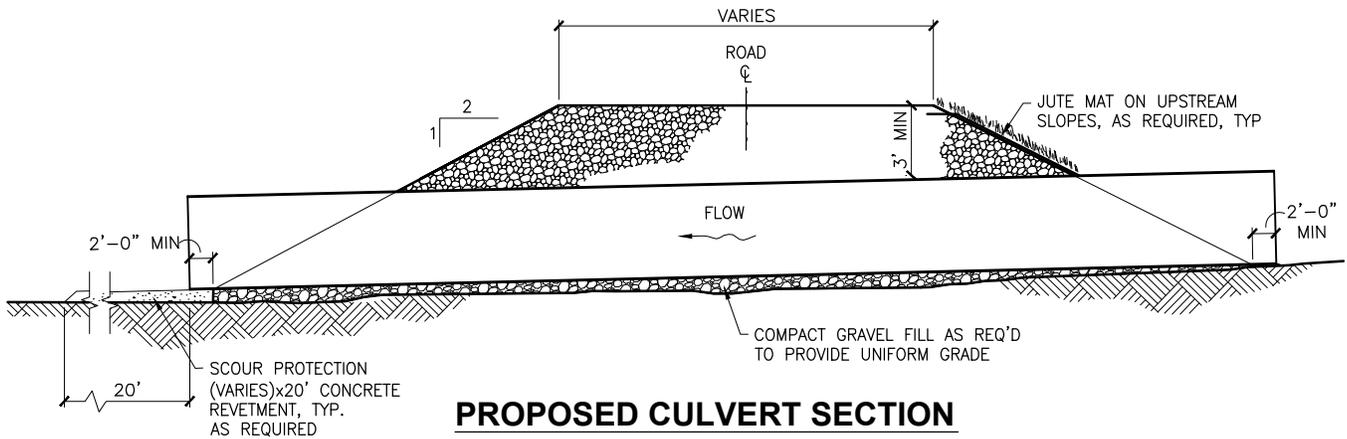
REFERENCE: 2013
 APPLICANT: CPAI
 PROPOSED: GMT1 ROAD, PAD
 & PIPELINE
 CONSTRUCTION
 AT: ALASKA
 SHEET **33** of **36** 7-12-2013



PROPOSED SINGLE CULVERT ELEVATION



PROPOSED MULTIPLE CULVERTS ELEVATION

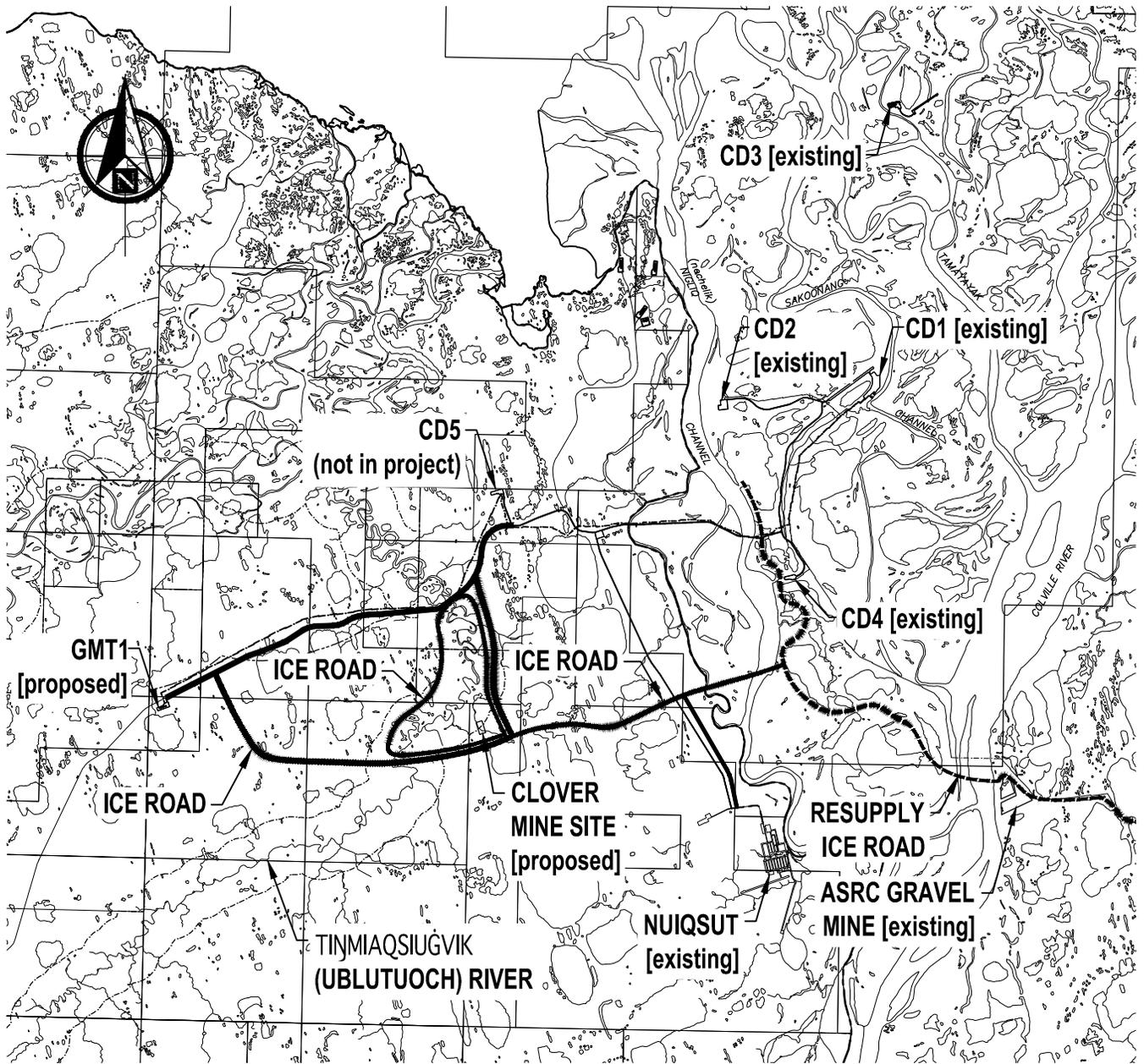


PROPOSED CULVERT SECTION

GMT1 PROPOSED TYPICAL CULVERT WITH SCOUR PROTECTION SECTION



REFERENCE: 2013
 APPLICANT: CPAI
 PROPOSED: GMT1 ROAD, PAD & PIPELINE CONSTRUCTION
 AT: ALASKA
 SHEET **34** of **36** 7-12-2013

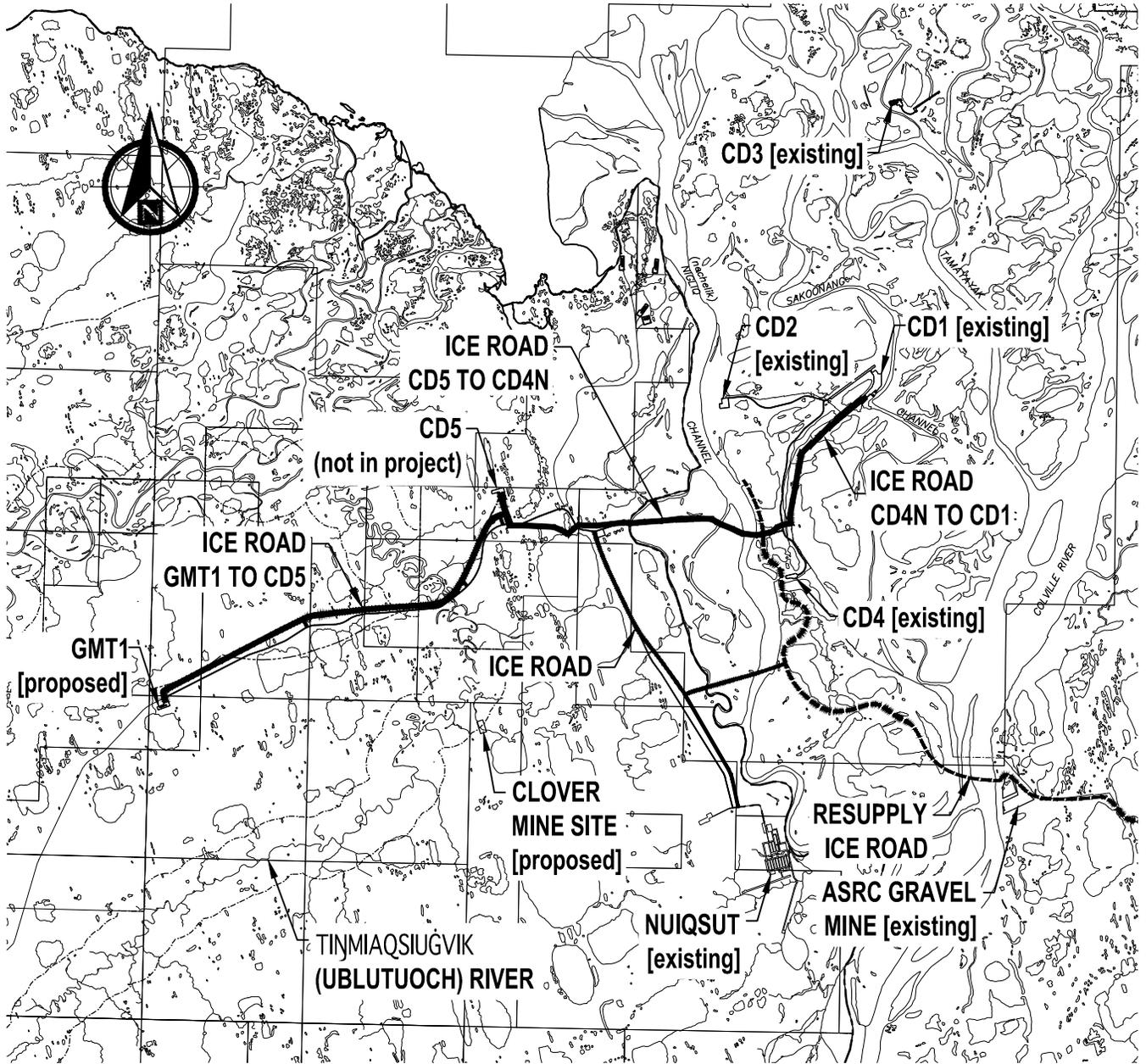


NOTE:
ICE ROAD LOCATIONS MAY VARY
±1 MILE FROM PROPOSED LOCATION.



REFERENCE: 2013
 APPLICANT: CPAI
 PROPOSED: GMT1 ROAD, PAD & PIPELINE CONSTRUCTION
 AT: ALASKA
 SHEET **35** of **36** 7-12-2013

GMT1 PROPOSED CONSTRUCTION ICE ROADS
YEAR ONE



NOTE:
ICE ROAD LOCATIONS MAY VARY
±1 MILE FROM PROPOSED LOCATION.



GMT1 PROPOSED CONSTRUCTION ICE ROADS
YEAR TWO

REFERENCE: 2013
 APPLICANT: CPAI
 PROPOSED: GMT1 ROAD, PAD & PIPELINE CONSTRUCTION
 AT: ALASKA
 SHEET **36** of **36** 7-12-2013