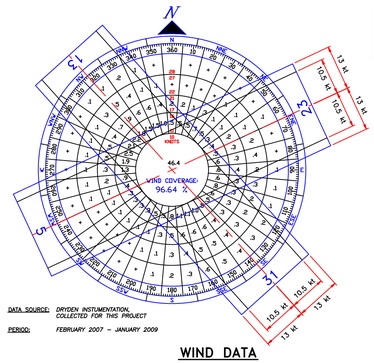
PRELIMINARY
NOT FOR CONSTRUCTION

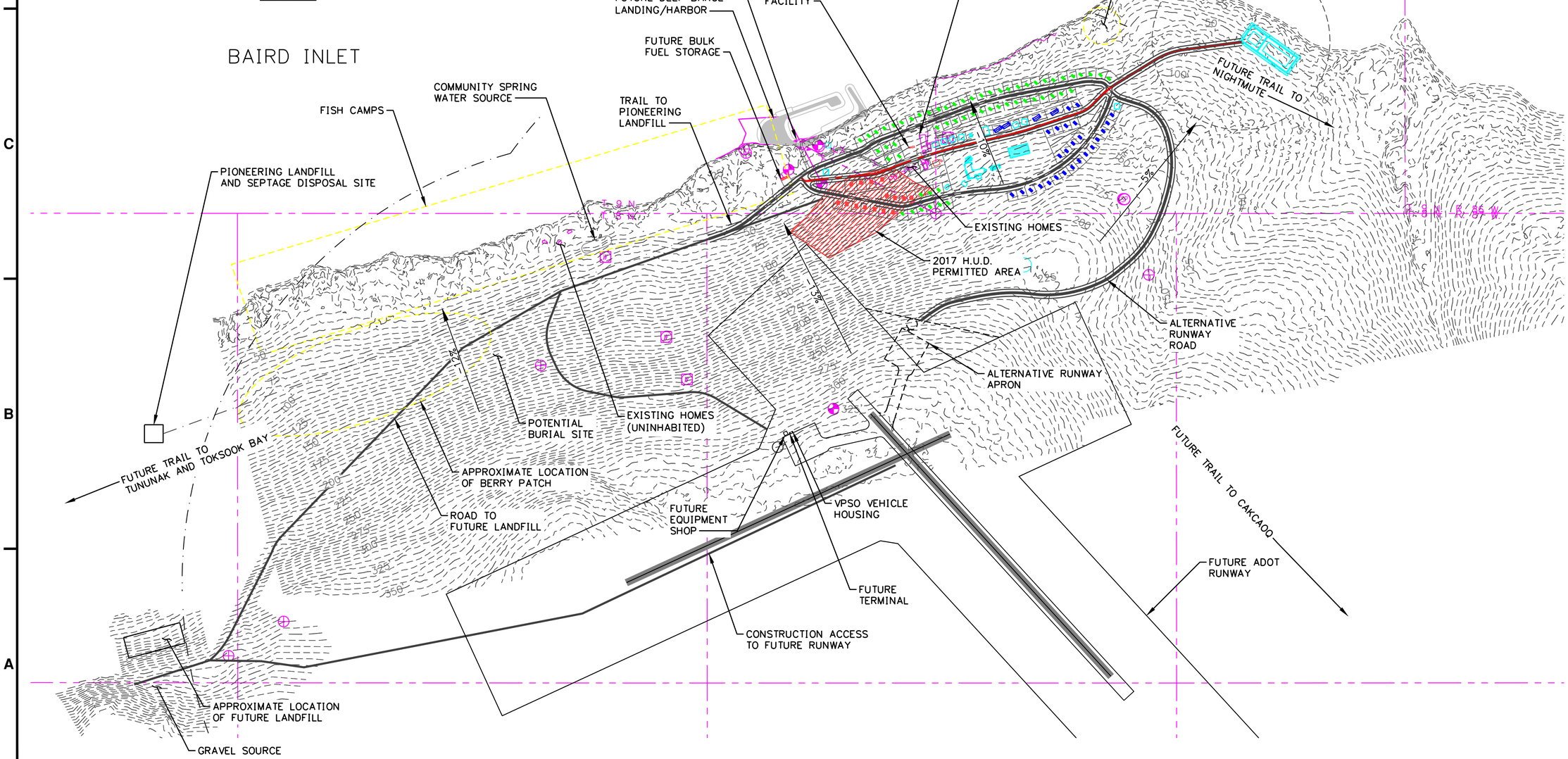
WIND DATA TABLE		
RUNWAY	13 kt	16 kt
13/31	89.26%	94.76%
5/23	77.35%	–
COMBINED	96.64%	–



DATA SOURCE: DRYDEN INSTUMENTATION, COLLECTED FOR THIS PROJECT

PERIOD: FEBRUARY 2007 – JANUARY 2009

WIND DATA



A1 OVERALL SITE PLAN

1" = 600'

Division of Environmental Health and Engineering
4500 Diplomacy Drive
Anchorage, Alaska 99508
(907) 729-3600

0 1"
BAR IS ONE INCH ON ORIGINAL DRAWING, IF NOT ADJUST SCALES ACCORDINGLY

MERTARVIK, AK COMMUNITY LAYOUT CONCEPTUAL

MRK	DATE	DESCRIPTION	INIT

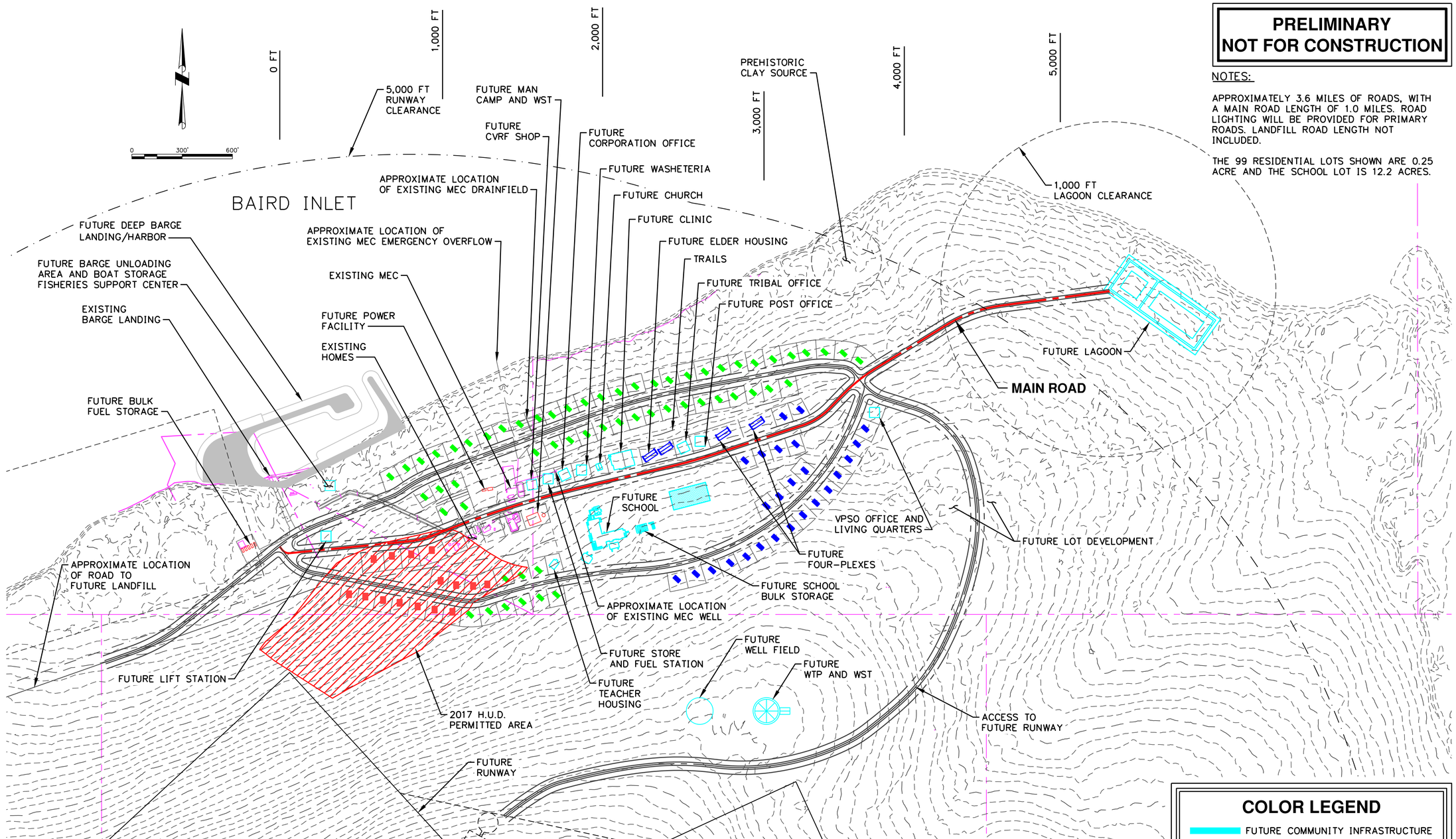
PLAN SET:	MTV-00-000
PROJ MGR:	GND
PROJ ENG:	JEH
DRUMS ENG:	----
DRAWN BY:	----

SHEET TITLE

OVERALL PLAN

C-100

SHEET 1 OF 5



PRELIMINARY
NOT FOR CONSTRUCTION

NOTES:

APPROXIMATELY 3.6 MILES OF ROADS, WITH A MAIN ROAD LENGTH OF 1.0 MILES. ROAD LIGHTING WILL BE PROVIDED FOR PRIMARY ROADS. LANDFILL ROAD LENGTH NOT INCLUDED.

THE 99 RESIDENTIAL LOTS SHOWN ARE 0.25 ACRE AND THE SCHOOL LOT IS 12.2 ACRES.

NEWTOK DISTANCE COMPARISONS

FROM	TO	DISTANCE IN NEWTOK	DISTANCE IN MERTARVIK
SCHOOL	STORE	1,700 FEET	1,500 FEET
SCHOOL	CLINIC	740 FEET	400 FEET
SCHOOL	COMMUNITY HALL	1,350 FEET	300 FEET
SCHOOL	AIRPORT	1,100 FEET	6,328 FEET
SCHOOL	POST OFFICE	870 FEET	300 FEET
DISTANCE ACROSS MAIN COMMUNITY		3,000 FEET	3,770 FEET

DISTANCES IN MERTARVIK ARE TAKEN BY NAVIGATING A COMBINATION OF ROAD AND TRAILS

COLOR LEGEND

- FUTURE COMMUNITY INFRASTRUCTURE
- FUTURE RESIDENTIAL HOMES
- EXISTING INFRASTRUCTURE
- 2017-2018 CONSTRUCTION

SYMBOL LEGEND

- HOMES REQUIRING AN INDIVIDUAL OR COMMUNITY LIFT STATION
- HOMES WITH GRAVITY SEWER

A1 **COMMUNITY LAYOUT**
1" = 300'

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0 1"
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MERTARVIK, AK
COMMUNITY LAYOUT
CONCEPTUAL

MRK	DATE	DESCRIPTION	INIT

PLAN SET:	MTV-00-000
PROJ MGR:	GND
PROJ ENG:	JEH
DRUMS ENG:	----
DRAWN BY:	----

SHEET TITLE
COMMUNITY LAYOUT

C-103
SHEET 4 OF 5