

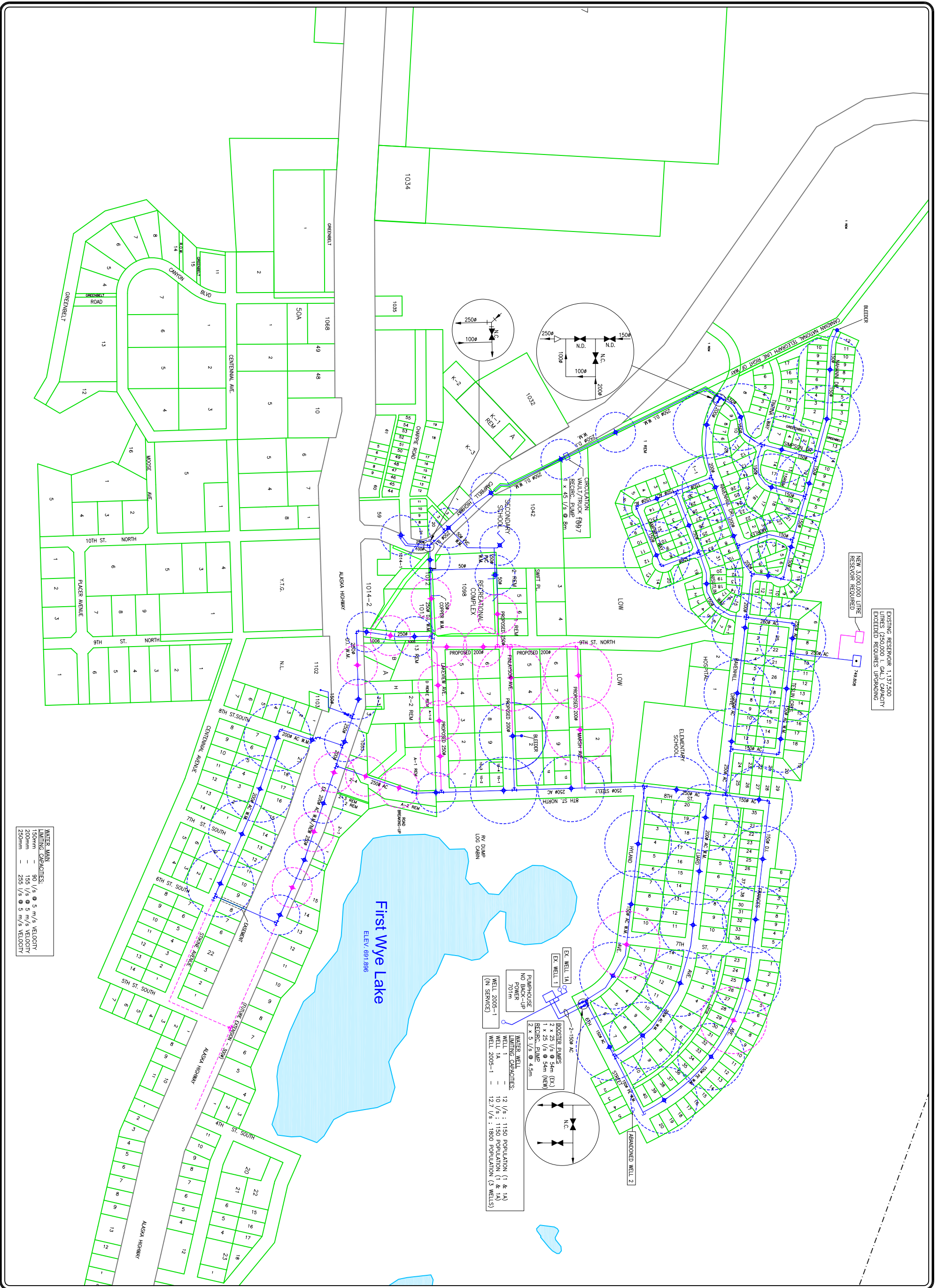
LEGEND

- ◆ EXISTING HYDRANT LOCATIONS
- HYDRANT COVERAGE
- 150m SPACING RESIDENTIAL
- 90m SPACING COMMERCIAL
- ◆ PROPOSED NEW HYDRANT W.M. LOCATIONS
- PROPOSED NEW HYDRANT COVERAGE
- 150m SPACING RESIDENTIAL
- 90m SPACING COMMERCIAL

NOTE:
WATER SYSTEM VALVES IDENTIFIED AS N.C. (NORMALLY CLOSED) ARE CLOSED FOR WINTER SEASON RECIRCULATION REQUIREMENTS

REVISIONS :

NO.	DATE/ENG.	DESCRIPTION
01	2006 RMS	ISSUED FOR CLIENT REVIEW
02	2006 RMS	ISSUED FOR FINAL REPORT



EXISTING RESERVOIR 1,137,500 LITRES (250,000 I. GAL.) CAPACITY EXCEEDED REQUIRES UPGRADING

NEW 3,000,000 LITRE RESERVOIR REQUIRED

EX. WELL 1A
RIPRAP
NO BACKFLOW
POWER
701m

BOOSTER PUMPS
2 x 25 1/8" @ 34m (EX)
2 x 25 1/8" @ 34m (NEW)
RECIRC. VALVE
2 x 9 1/2" @ 4.5m

WATER WELL
LIMITING CAPACITIES:
WELL 1 - 12 1/8" : 1150 POPULATION (1 & 1A)
WELL 2005-1 - 12 1/8" : 1150 POPULATION (1 & 1A)
WELL 2005-1 (N SERVICE) - 12 7/8" : 1300 POPULATION (3 WELLS)

WATER MAIN LIMITING CAPACITIES:

150mm	- 155 1/8" @ 5 m/s VELOCITY
200mm	- 255 1/8" @ 5 m/s VELOCITY

ASSESSMENT
OVERALL LAYOUT
WATER UPGRADES
SHEET 1 OF 1

SCALE: 1:8000 @ 11x17

DRAWN: S. DAVENDALE	SHEET: 4 OF 9
DESIGNED: R. SAWAGE	DATE: NOV/20, 2006
PROJECT NO: 0047	DWG. NO.: 004