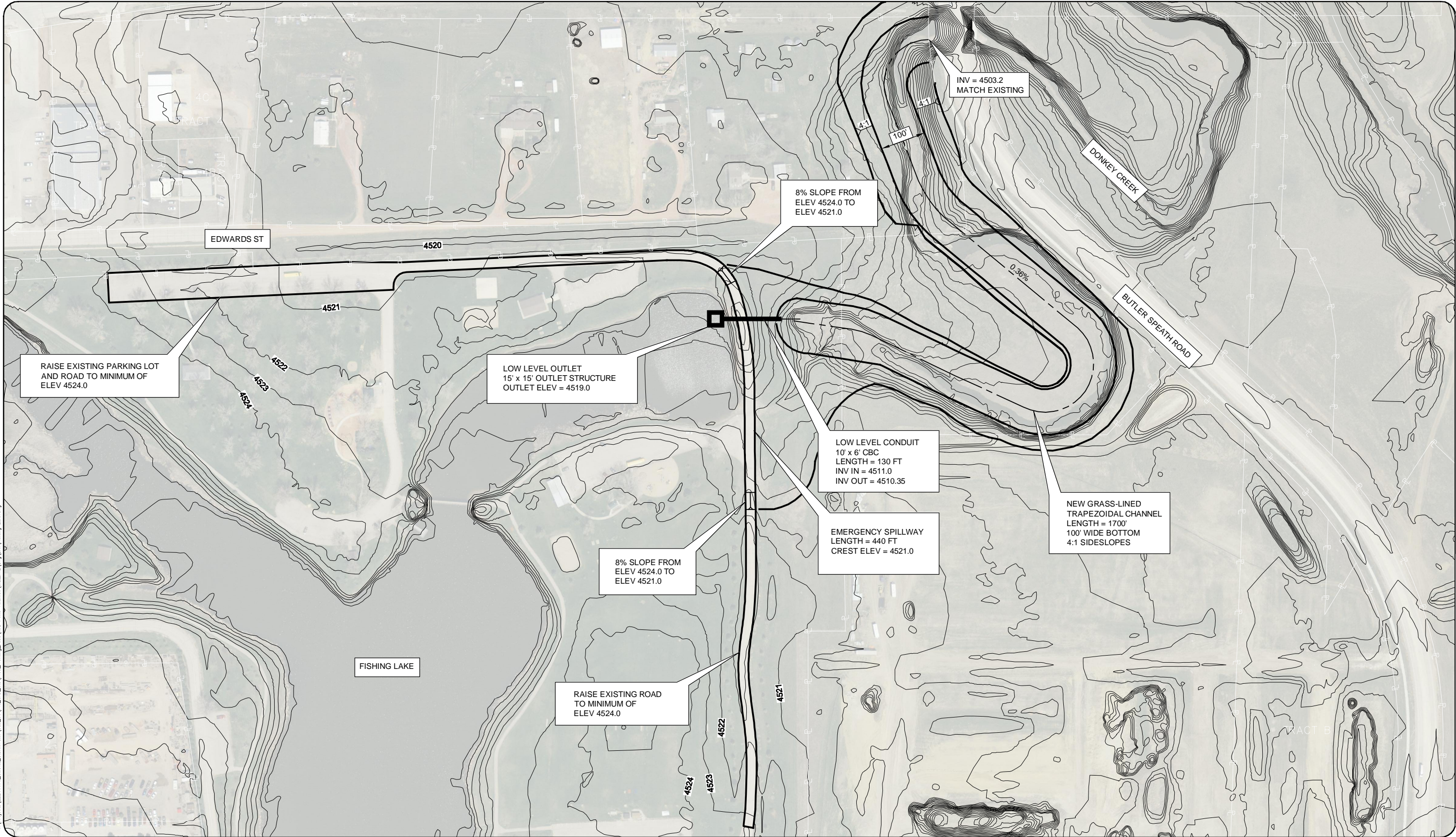
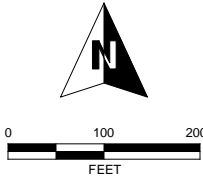


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NOTES:

1. THE LOW LEVEL OUTLET IS DESIGNED FOR THE 2-YEAR STORM (Q2=503 CFS) AT WATER SURFACE ELEV 4521.0.
2. THE LOW LEVEL OUTLET IS ASSUMED TO BE NOT FUNCTIONING DURING THE 100-YEAR STORM.
3. THE SPILLWAY IS DESIGNED FOR THE 100-YEAR STORM AND CONSIDERS TWO SCENARIOS:
 - 1) PROPOSED DETENTION UPSTREAM AND PROVIDES 1 FOOT OF FREEBOARD (Q100=3876 CFS)
 - 2) FULL CONVEYANCE AND PROVIDES 0.5 FEET OF FREEBOARD (Q100=5291 CFS).



**Proposed Low Level Outlet,
Spillway and Outlet Channel
Conceptual Design**

Donkey Creek and Fishing Lake
AUGUST 2011

CITY OF GILLETTE
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