

## **BERRY SURVEYING & ENGINEERING**

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January 10, 2023

City of Rochester Planning Office Attention: Ryan O'Connor, Senior Planner 33 Wakefield Street Rochester, NH 03867

RE: Owner: Elizabeth Dunnells

Applicant: Roadrunner Real Estate Development LLC

797 Portland Street & Crow Hill Road Conservation Commission #3 Submission

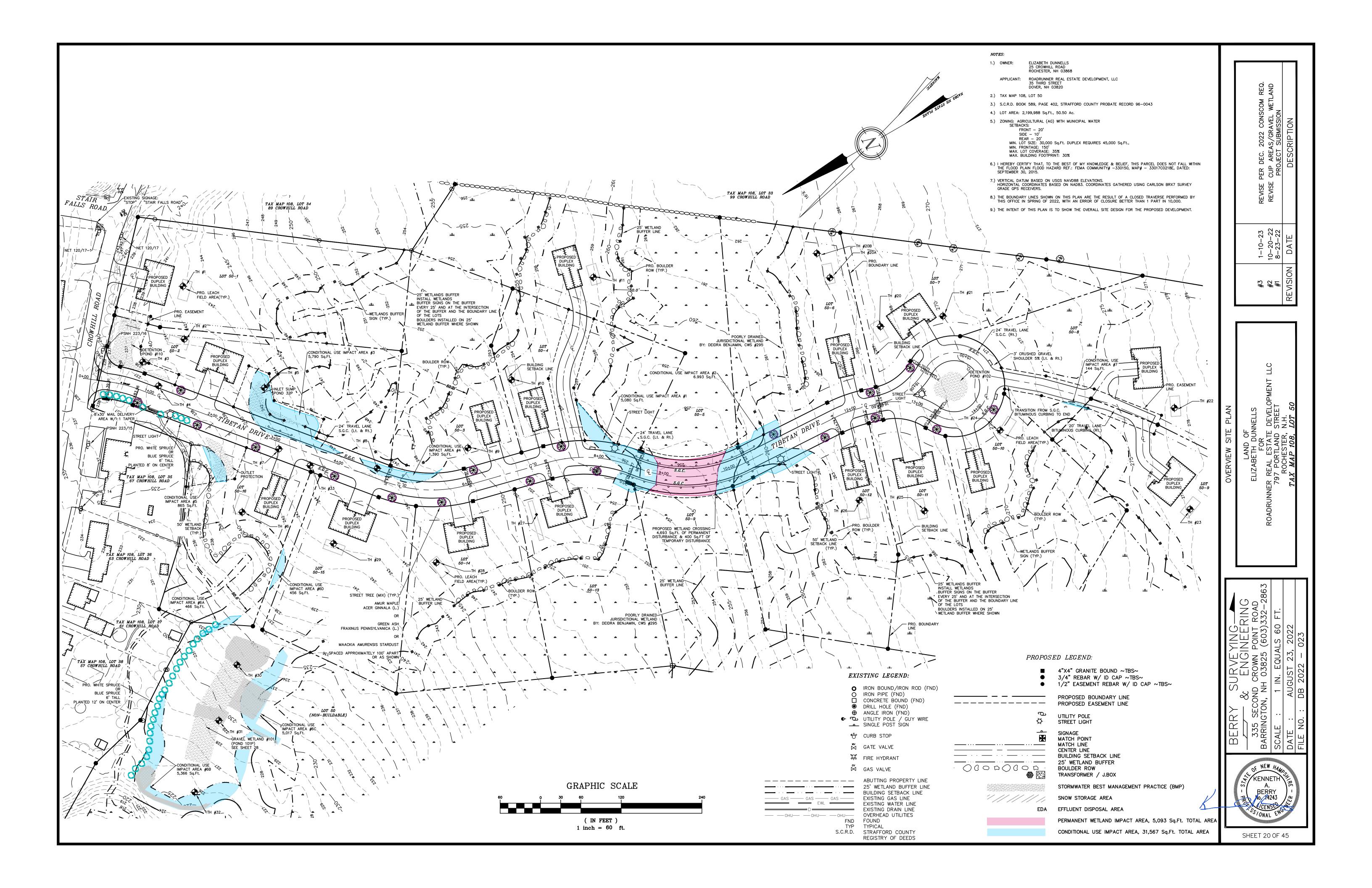
Mr. O'Connor,

Per the request of the Planning Department we have added the Test Hole Locations on the Site Plan, shown the Effluent Disposal Systems (EDA), and provided the Test Hole Results on site, along with the perc test data at each test hole location which will be used for an EDA. Each lot has a an EDA design for 4 bedrooms which is supported by the on site soil loading. On a site specific basis in the future the applicant could chose to increase the size of the EDA's to increase the bedroom count within each unit, however at this time the applicant intends to build them as 2 bedroom units.

10 Half Scale Site Plans are enclosed.

Berry Surveying & Engineering

Christopher R. Berry Principal, President



TERMINATED @ 60" REFUSAL @ NONE

P = 30 MIN/IN

TEST PIT DATA: TEST PIT #29 0-6" 10YR 3/2 VERY DARK GRAYISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE 6-16" 10YR 5/6 YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE 16-24" 10YR 5/4 YELLOWISH BROWN, FINE SANDY LOAM, MASSIVE, FRIABLE 24-62" 2.5Y 5/3 LIGHT OLIVE BROWN, GRAVELLY FINE SANDY LOAM WITH REDOX. FEAT., MASSIVE, FIRM E.S.H.W.T. @ 24" RESTRICTIVE LAYER @ 24" GROUND WATER @ NONE TERMINATED 62" REFUSAL NONE P = 21 MIN/INTEST PIT #30 0-5" 10YR 3/3 DARK BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE 10YR 5/6 YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE 14-26" 10YR 5/4 YELLOWISH BROWN, FINE SANDY LOAM, MASSIVE, FRIABLE 26-32" 2.5Y 5/3 LIGHT OLIVE BROWN, FINE SANDY LOAM WITH REDOX. FEAT., MASSIVE, FIRM 32-42" 2.5Y 5/3 LIGHT OLIVE BROWN, GRAVELLY SANDY LOAM WITH REDOX. FEAT. MASSIVE, FIRM 42-72" 2.5Y 5/3 LIGHT OLIVE BROWN, GRAVELLY LOAMY SAND, MASSIVE, FRIABLE E.S.H.W.T. @ 32" RESTRICTIVE LAYER @ 32" GROUND WATER @ NONE TERMINATED 72" REFUSAL 72" TEST PIT #31 0-5" 10YR 3/3 DARK BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE 5-14" 10YR 5/6 YELLOWISH BROWN, GRAVELLY SANDY LOAM, GRANULAR, FRIABLE 14-28" 10YR 5/4 YELLOWISH BROWN, GRAVELLY LOAMY SAND, MASSIVE, FRIABLE 28-52" 2.5Y 5/3 LIGHT OLIVE BROWN, GRAVELLY FINE SANDY LOAM WITH REDOX. FEAT., MASSIVE, FIRM E.S.H.W.T. @ 24" RESTRICTIVE LAYER @ 24" GROUND WATER @ NONE TERMINATED 52"

REFUSAL 52" 0-6" 10YR 3/3 DARK BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE

6-16" 10YR 5/6 YELLOWISH BROWN, GRAVELLY SANDY LOAM, GRANULAR, FRIABLE 16-24" 10YR 5/4 YELLOWISH BROWN, GRAVELLY LOAMY SAND, MASSIVE, FRIABLE 24-46" 2.5Y 5/3 LIGHT OLIVE BROWN, GRAVELLY LOAMY SAND WITH REDOX. FEAT., MASSIVE, FIRM E.S.H.W.T. @ 24"

RESTRICTIVE LAYER @ 24" GROUND WATER @ NONE TERMINATED 46" REFUSAL 46"

REFUSAL NONE

10YR 3/2 VERY DARK GRAYISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE 6-15" 10YR 4/3 BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE 15-24" 10YR 6/1 GRAY, SANDY LOAM WITH REDOX. FEAT., GRANULAR, FRIABLE 24-60" 5Y 5/2 OLIVE GRAY, GRAVELLY SANDY LOAM WITH REDOX. FEATURES, MASSIVE, FIRM E.S.H.W.T. @ 15" RESTRICTIVE LAYER @ 24" GROUND WATER @ NONE TERMINATED 60"

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