

BRUSHY CREEK REGIONAL
UTILITY AUTHORITY RAW
WATER PUMP STATION

9416 LIME CREEK ROAD,
LEANDER, TEXAS 78641

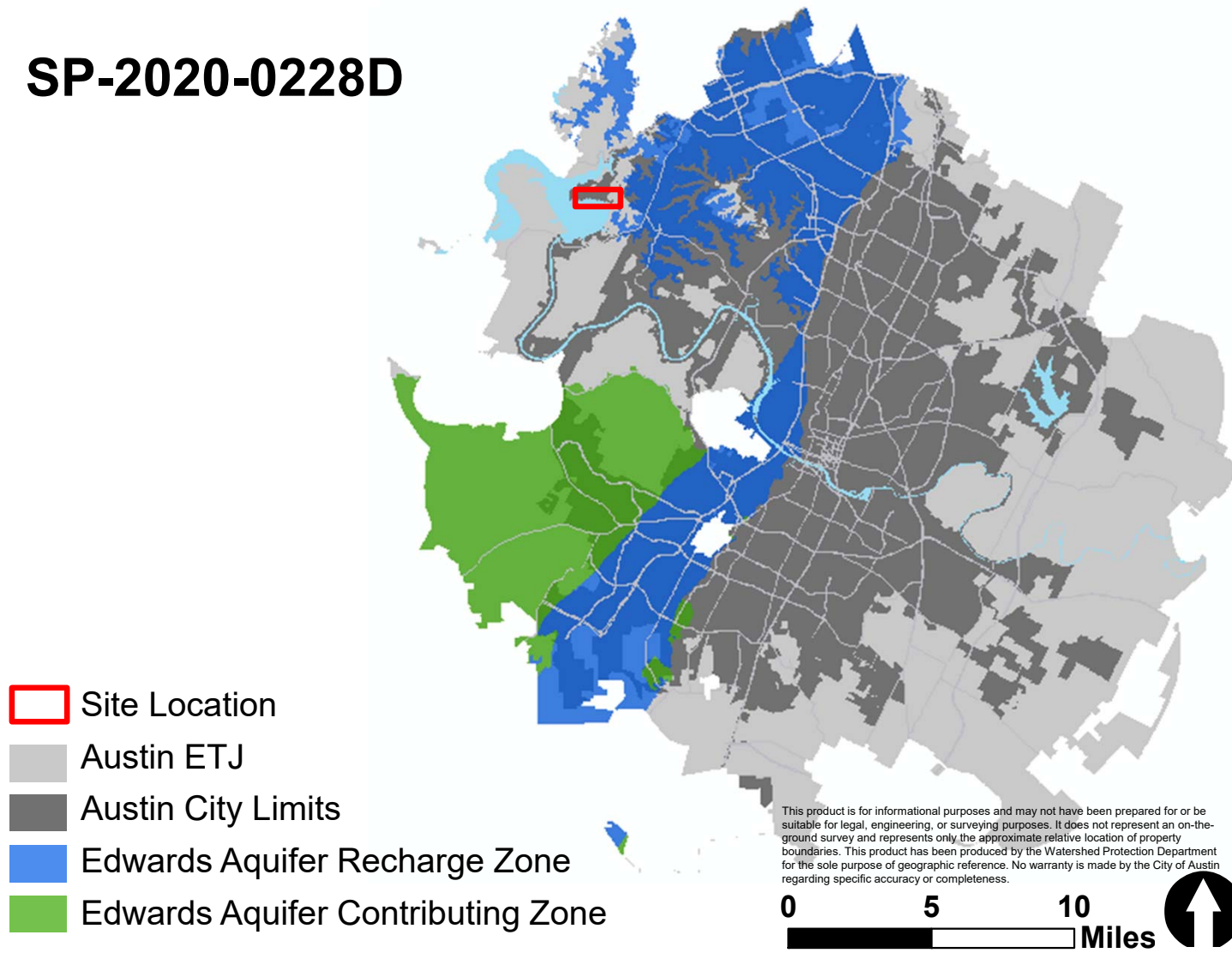
SP-2020-0228D

Jonathan Garner

Environmental Program Coordinator

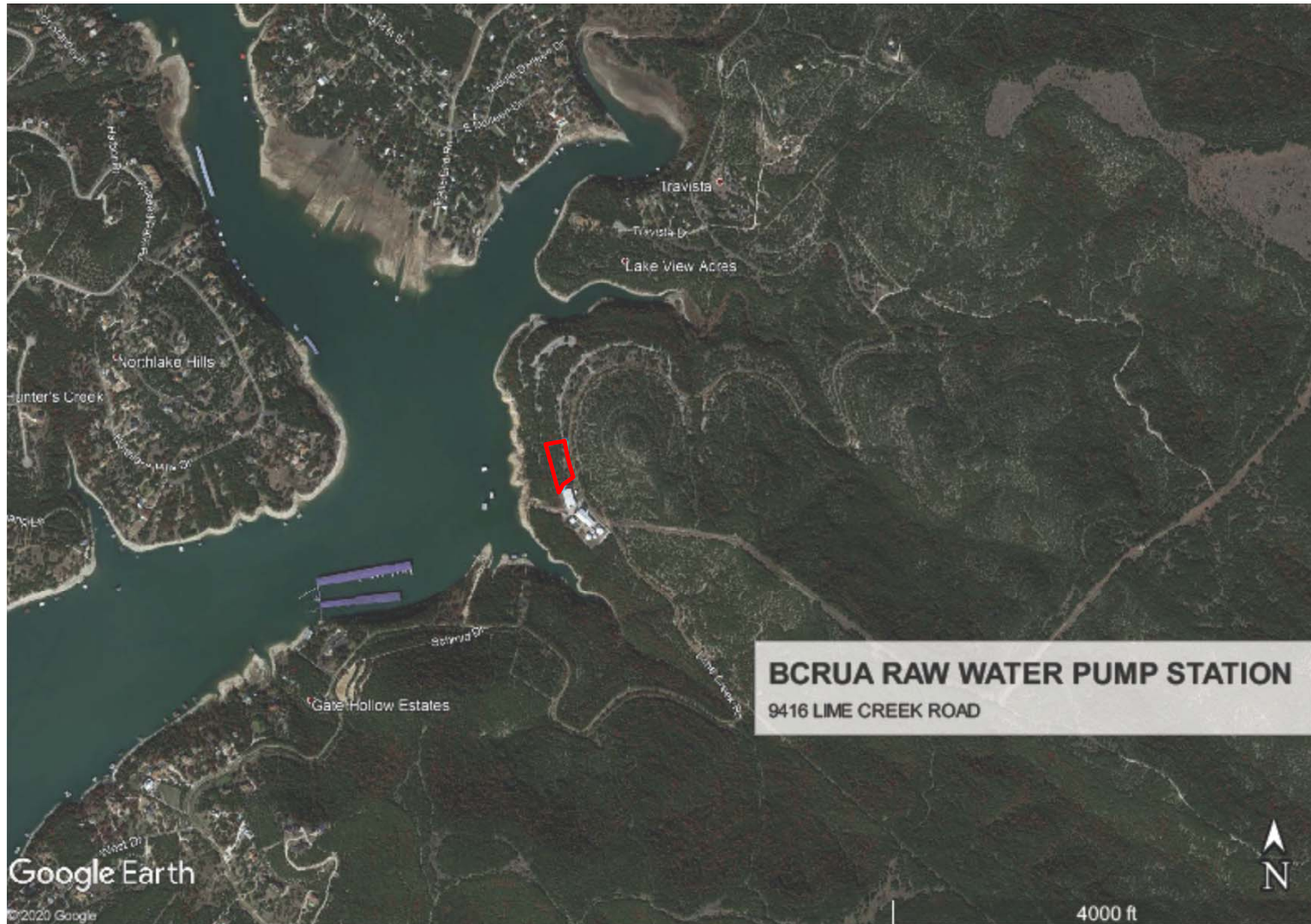
Development Services Department

SP-2020-0228D



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PROJECT LOCATION



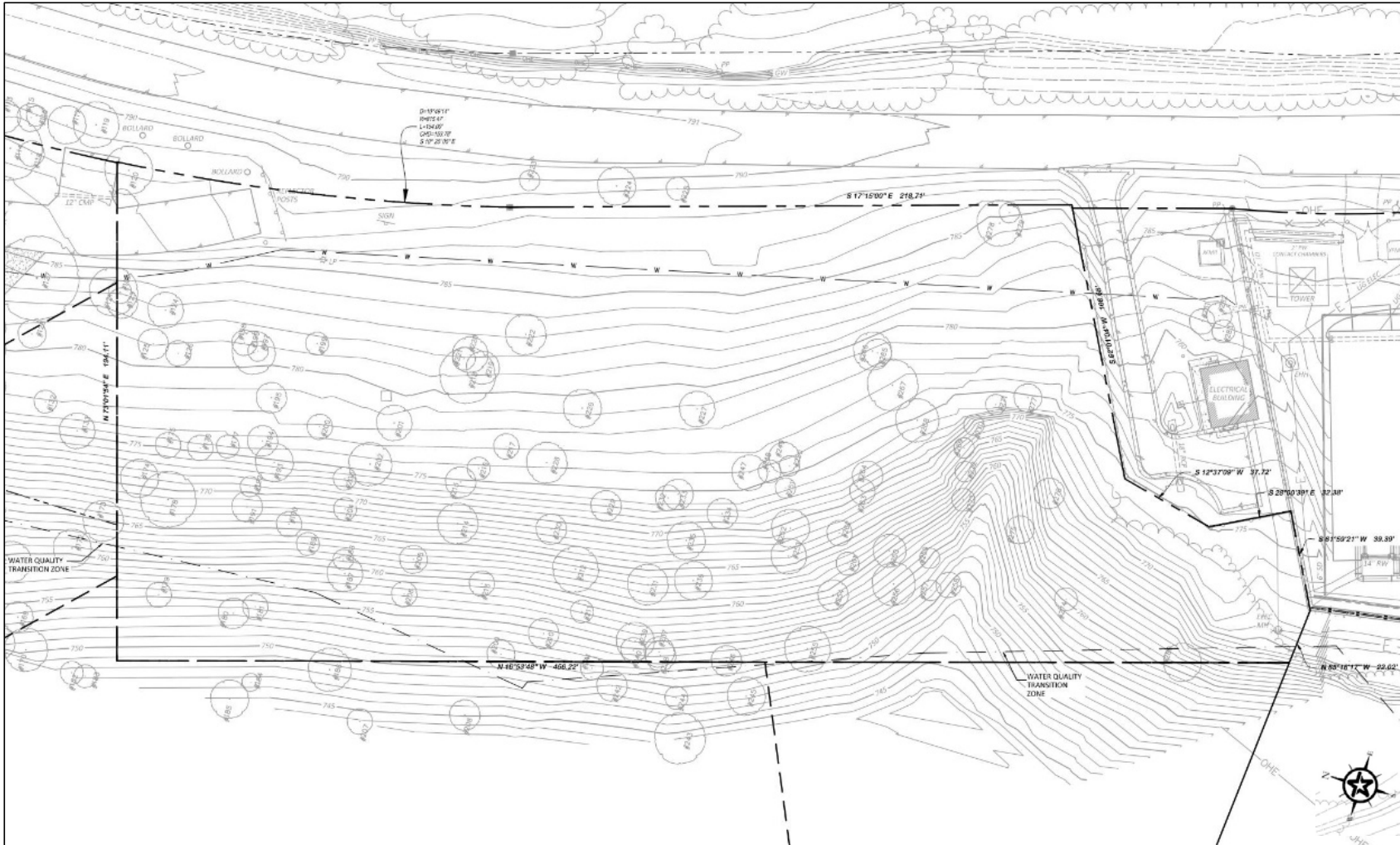
PROPERTY DATA

- **Drinking Water Protection Zone**
- **Water Supply Rural Watershed Classification**
- **Lake Travis Watershed**
- **2-Mile ETJ Jurisdiction**
- **Not located over Edwards Aquifer Recharge Zone**
- **No Critical Environmental Features**

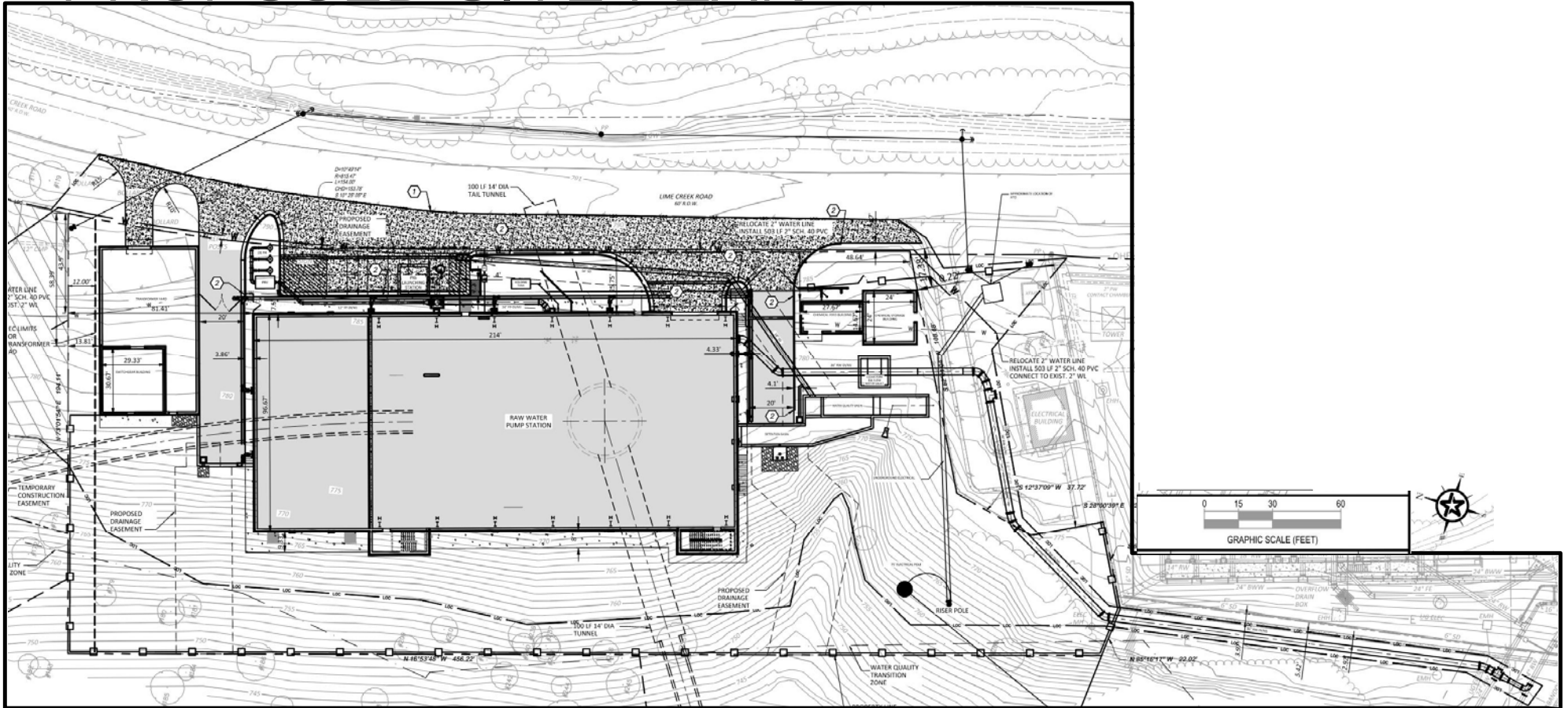
BACKGROUND

Brushy Creek Regional Utility Authority (BCRUA) is a non-profit local government corporation and a partnership of the cities of Cedar Park, Leander, and Round Rock that treats and distributes water from the Lower Colorado River Authority (LCRA) to residents and businesses of the partner cities. This project is to construct a new raw water pump station to provide service to the partnering communities.

EXISTING CONDITIONS

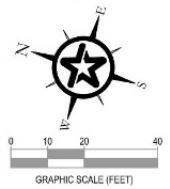
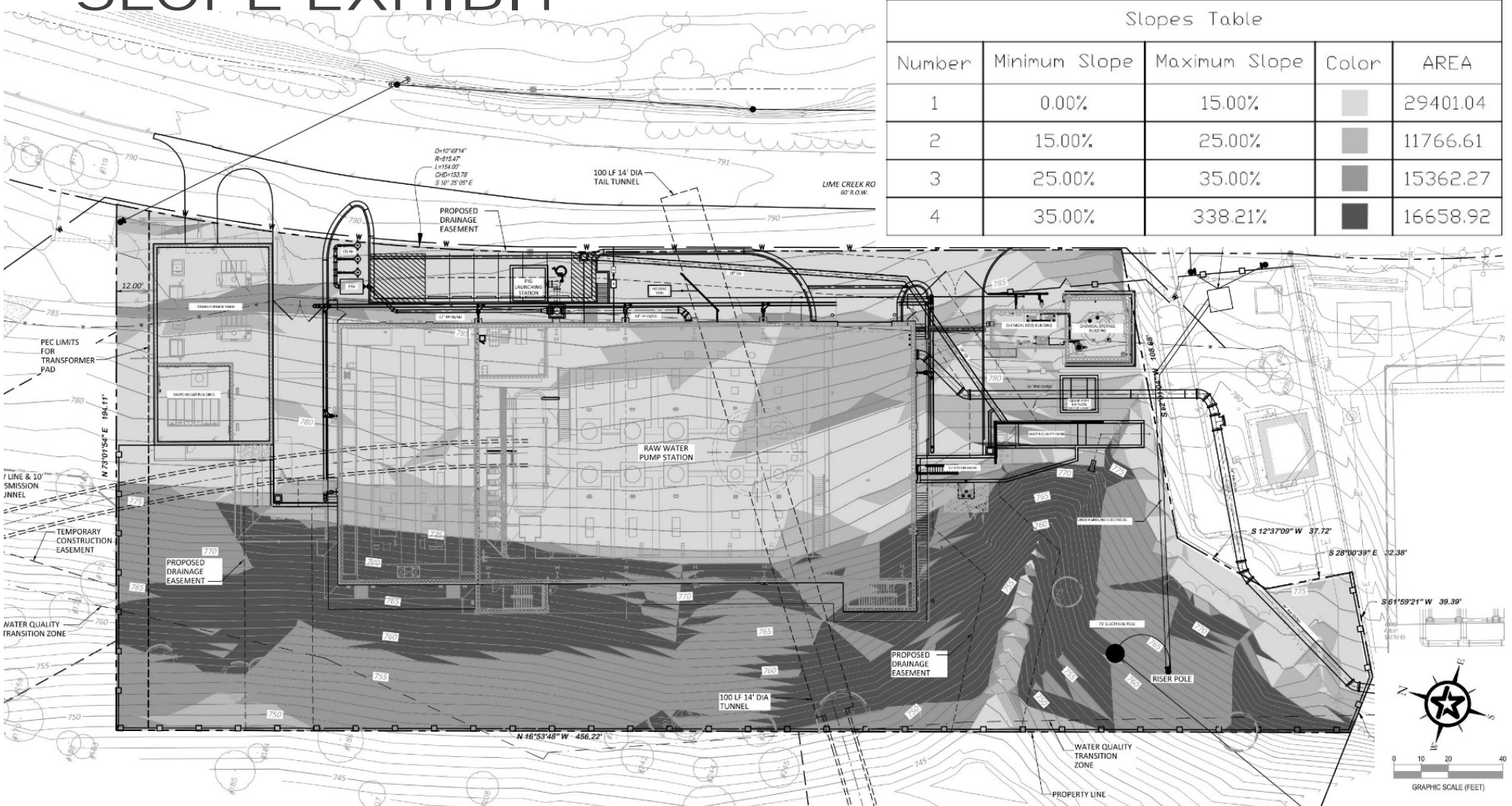


PROPOSED SITE PLAN

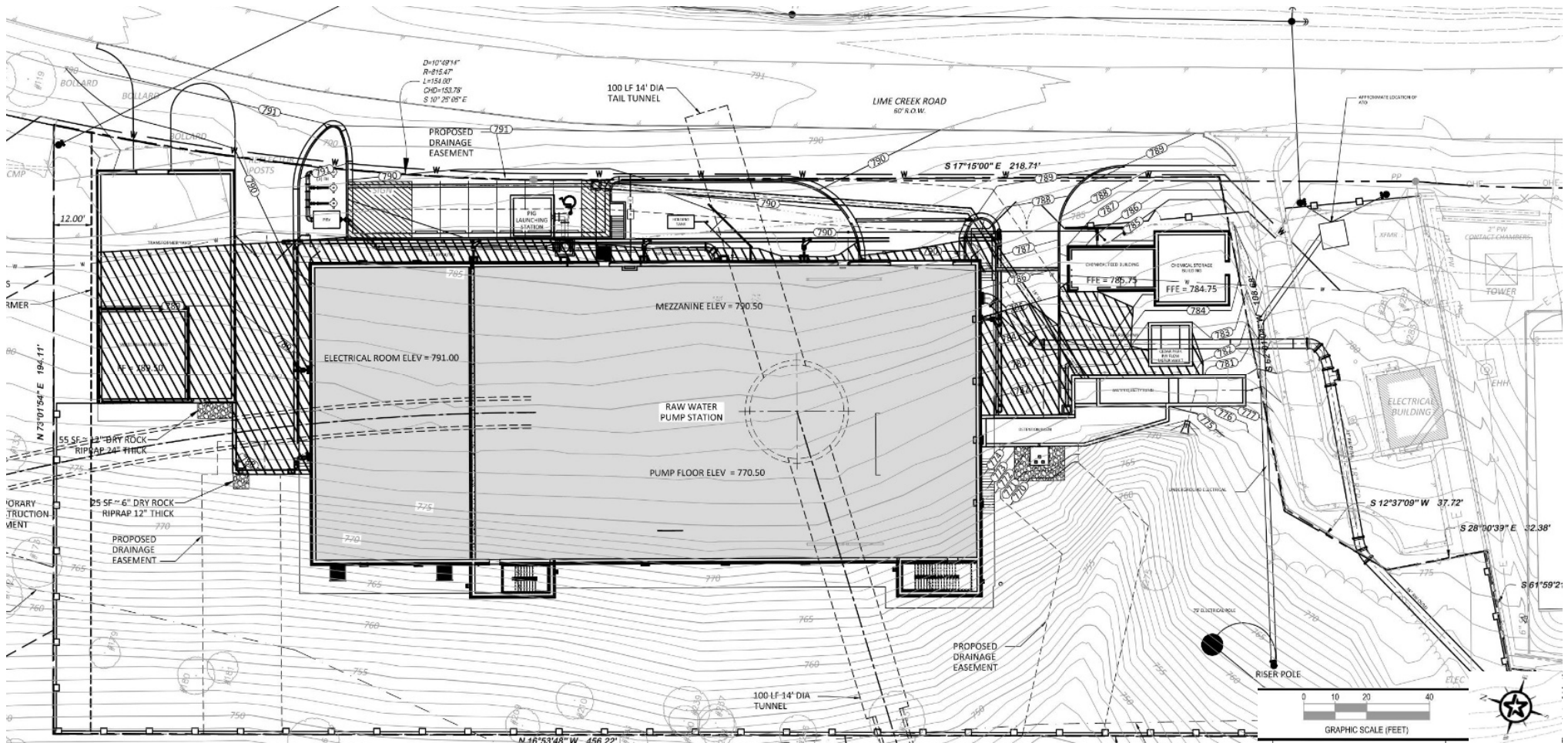


SLOPE EXHIBIT

Slopes Table				
Number	Minimum Slope	Maximum Slope	Color	AREA
1	0.00%	15.00%		29401.04
2	15.00%	25.00%		11766.61
3	25.00%	35.00%		15362.27
4	35.00%	338.21%		16658.92



FILL EXHIBIT



VARIANCE REQUEST

The applicant requests variances from the following sections of code:

1. Request to vary from LDC 25-8-301 to construct private driveways crossing slopes in excess of 15 percent gradient.
2. Request to vary from LDC 25-8-302(A) to construct a surface parking lot on slopes in excess of 15 percent gradient.
3. Request to vary from LDC 25-8-302(B) to construct a building on slopes in excess of 25 percent gradient, and exceed impervious cover allowance on slopes with a gradient of more than 15 percent.
4. Request to vary from LDC 25-8-342 to allow fill in excess of four feet in the Drinking Water Protection Zone.
5. Request to vary from LDC 25-8-453(D)(1) to allow impervious cover in excess of 20 percent Net Site Area.

VARIANCE RECOMMENDATION

Staff determines that the findings of fact have been met and recommends approval of the variances with the following conditions:

- Restoration of disturbed areas within the 40% Natural Area Buffer shall be subject to ECM Appendix A criteria;
- Provide robust temporary and permanent erosion and sedimentation controls downgradient of the proposed development beyond the minimum standard;
- Provide water quality and detention for an area of offsite impervious cover such that the total amount of impervious cover treated is comparable to only having 20 percent impervious cover onsite
- Provide dense screening vegetation in compliance with ECM 2.9.0 for all pervious areas between the building and mechanical equipment and the right-of-way.