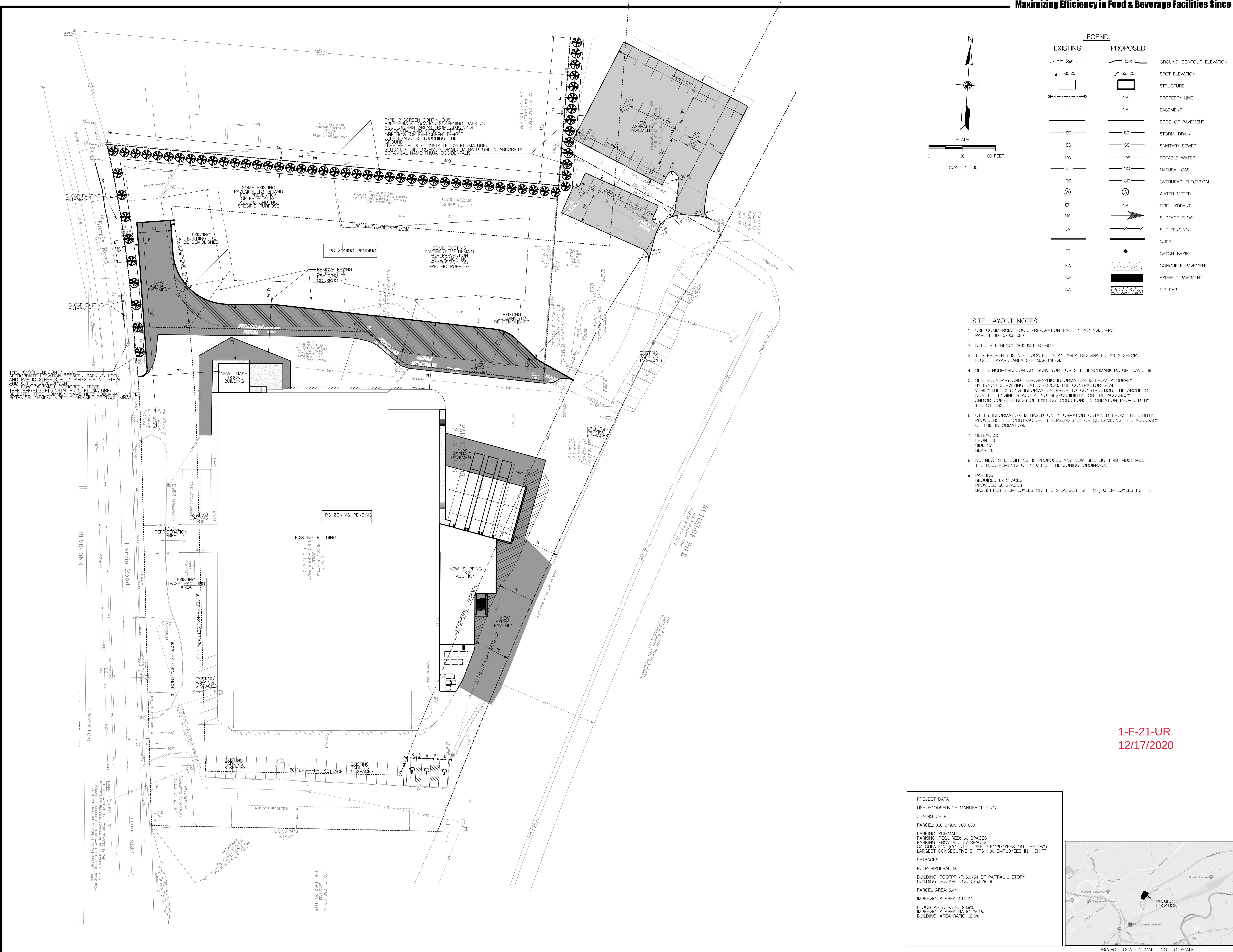
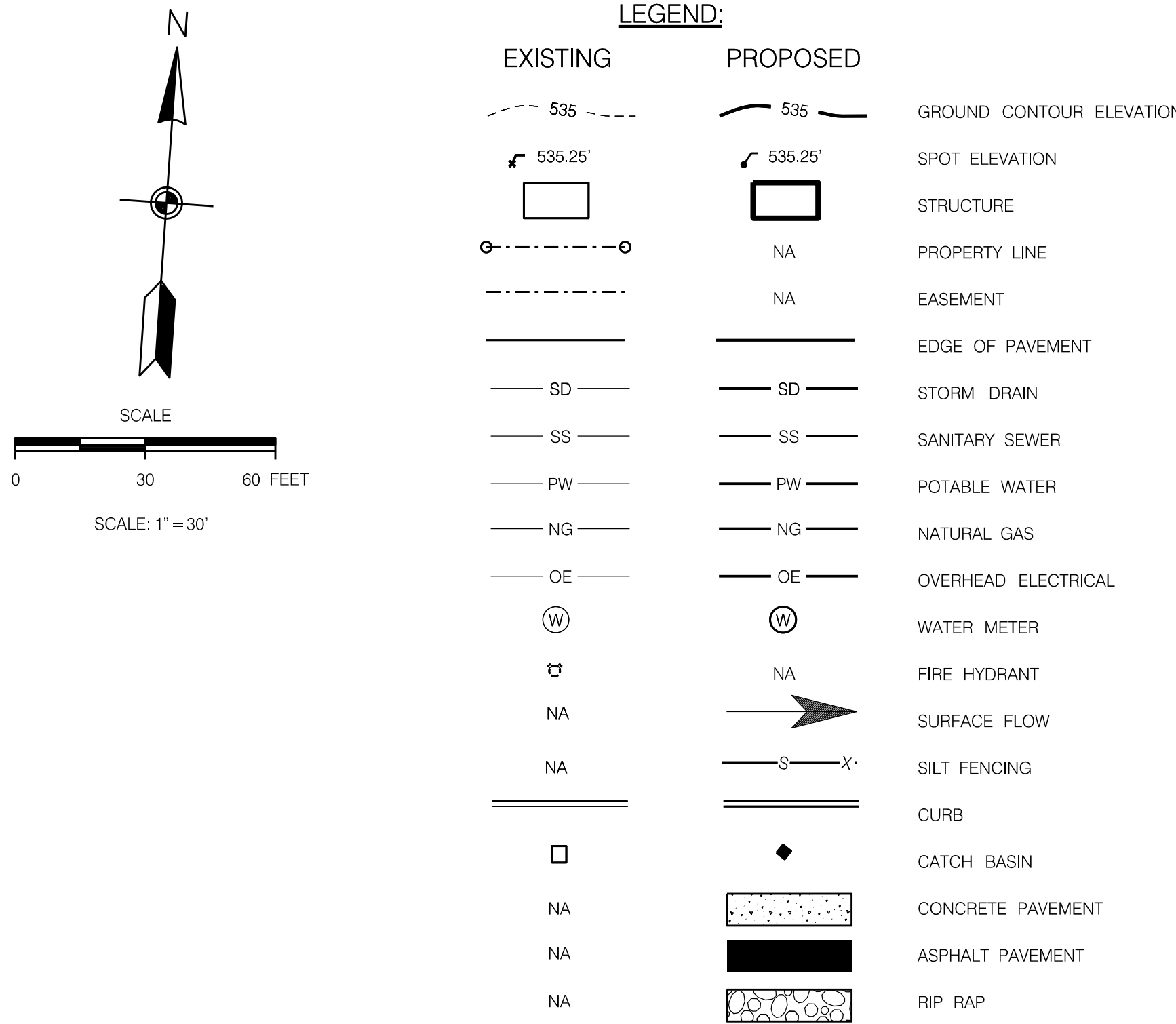
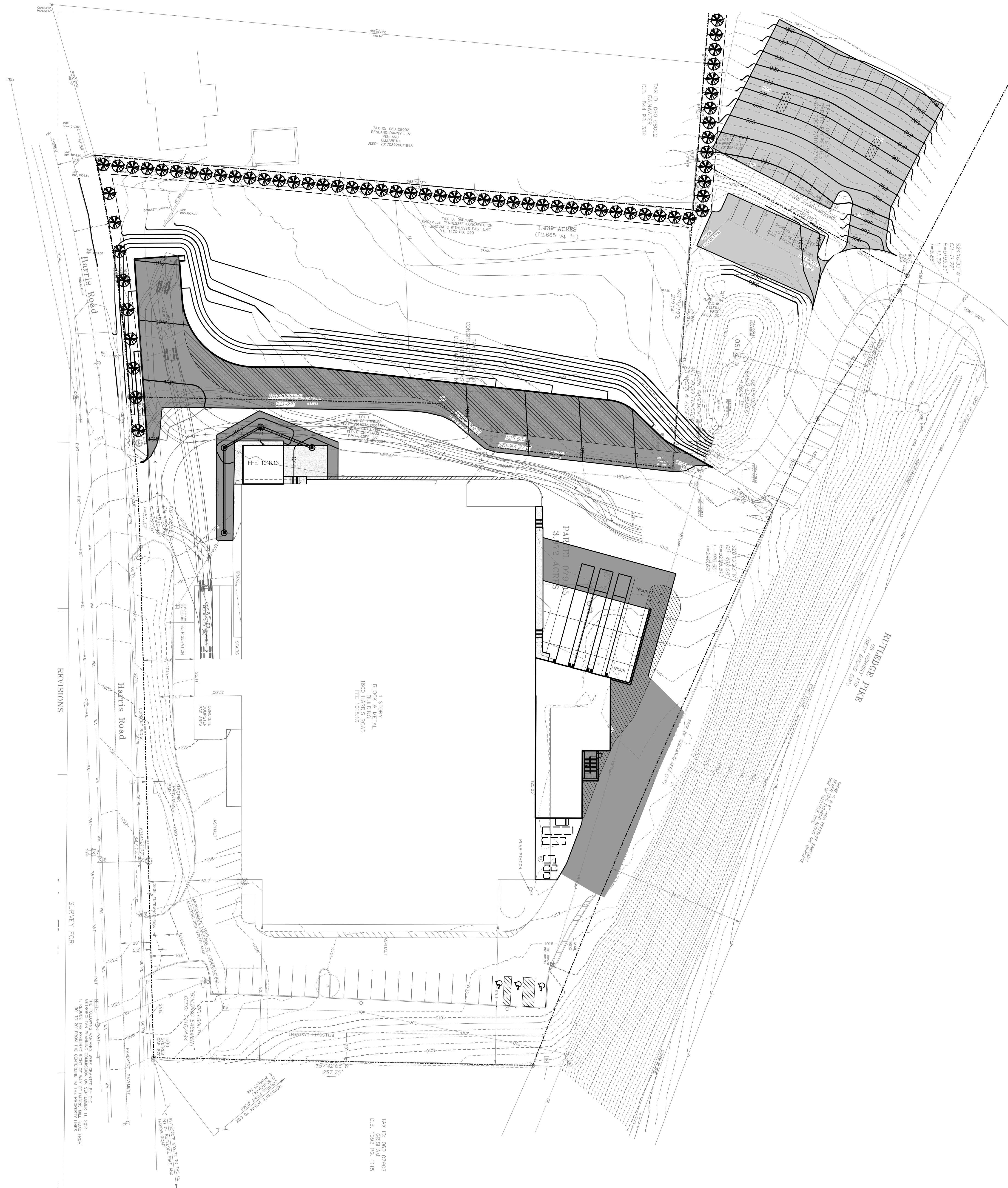






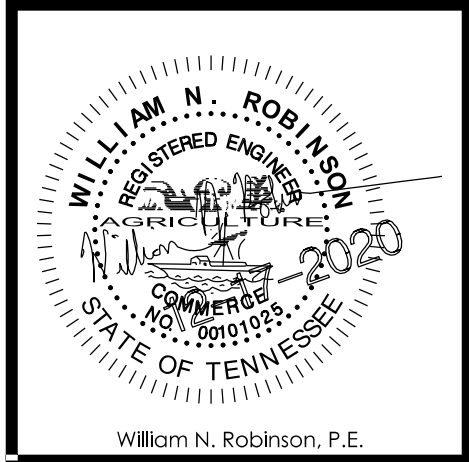
SITE GRADING NOTES

1. SITE BENCHMARK: CONTACT SURVEYOR FOR LOCATION AND ELEVATION OF SITE BENCHMARK BASIS NAVD88.
2. SITE BOUNDARY AND TOPOGRAPHIC INFORMATION IS BASED ON A SURVEY BY LYNCH SURVEYING, DATED 02/20/20. THE GRADING CONTRACTOR SHALL VERIFY CONDITIONS AND INFORM THE ENGINEER OF ANY DISCREPANCIES. THE ARCHITECT AND THE ENGINEER ACCEPT NO RESPONSIBILITY FOR THE ACCURACY AND/OR COMPLETENESS OF EXISTING CONDITIONS INFORMATION PROVIDED BY OTHERS.
3. UTILITY INFORMATION IS BASED ON INFORMATION OBTAINED FROM THE UTILITY PROVIDERS. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACCURACY OF THIS INFORMATION.
4. CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES INCLUDING SILT FENCE, RIP RAP AND EROSION CONTROL MAT AS SOON AS PRACTICAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THESE STRUCTURES UNTIL THE SITE HAS BEEN SUFFICIENTLY STABILIZED.
5. THE CONTRACTOR SHALL EMPLOY SOILS CONSULTANTS FOR THE TESTING OF SOIL COMPACTION IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. SOIL SHALL BE COMPACTED TO 98% OF ITS MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD PROCTOR METHOD. SOIL MOISTURE CONTENT SHALL BE MAINTAINED WITHIN $\pm 3\%$ OF OPTIMUM.
6. THIS PROJECT MAY INVOLVE IMPORT OR WASTE OF FILL MATERIAL. THE CONTRACTOR SHALL REVIEW THIS PLAN, THE SITE SURVEY AND INSPECT THE SITE ITSELF. THE CONTRACTOR SHALL THEN FORMULATE HIS OWN OPINION AS TO THE APPLICABILITY OF THIS PLAN TO THE GOAL OF AN ECONOMICALLY OPTIMAL SITE. CONTACT THE ENGINEER IF CHANGES TO THIS GRADING PLAN ARE REQUIRED TO MEET THIS GOAL.
7. ALL SLOPES GREATER THAN 3:1 SHALL BE SPREAD WITH NORTH AMERICAN GREEN S-71 EROSION CONTROL FABRIC. INSTALL FABRIC PER MANUFACTURERS RECOMMENDATIONS.
8. NO SLOPES SHALL BE GREATER THAN 2 HORIZONTAL : 1 VERTICAL.
9. APPLY TEMPORARY SEEDING WHENEVER GRADING OPERATIONS ARE TEMPORARILY HALTED FOR OVER 14 DAYS AND FINAL GRADING OR EXPOSED SURFACES IS TO BE COMPLETED WITHIN ONE YEAR. APPLY TEMPORARY SEEDING TO SOIL STOCKPILES.
10. APPLY PERMANENT SEEDING WHENEVER GRADING OPERATIONS ARE COMPLETED AND ALL CONSTRUCTION OPERATIONS WILL NOT IMPACT THE DISTURBED AREA. APPLY PERMANENT SEEDING TO ALL NON-CONSTRUCTION AREAS WHICH SHOW SIGNS OF EXCESSIVE EROSION.
11. EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES SHALL FOLLOW THE APPROVED PLAN DETAILS. IF DETAILS ARE NOT SHOWN, REFERENCE THE TENNESSEE EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION.
12. SLOPES SHALL HAVE EROSION CONTROL MAT INSTALLED IMMEDIATELY AFTER SLOPE GRADING IS COMPLETED AND TOPSOIL HAS BEEN INSTALLED TO ENCOURAGE 'LOCK IN' OF EROSION MAT.
13. THIS IS A PRIORITY CONSTRUCTION ACTIVITY.
14. ADEQUATE DRAINAGE, EROSION AND SEDIMENT CONTROL MEASURES, BEST MANAGEMENT PRACTICES AND/OR OTHER STORMWATER MANAGEMENT FACILITIES SHALL BE PROVIDED AND MAINTAINED AT ALL TIMES DURING CONSTRUCTION. DAMAGES TO ADJACENT PROPERTY AND/OR THE CONSTRUCTION SITE CAUSED BY THE CONTRACTORS OR PROPERTY OWNER'S FAILURE TO PROVIDE AND MAINTAIN ADEQUATE DRAINAGE AND EROSION/SEDIMENT CONTROL FOR THE CONSTRUCTION AREA SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER AND/OR CONTRACTOR.
15. CONTRACTOR SHALL STORE CHEMICALS AND SOLUBLE MATERIALS IN AN ENCLOSED, WATERPROOF LOCATION OR PROVIDED WITH SECONDARY CONTAINMENT CAPABLE OF STORING THE CONTENTS OF THE TOTAL AMOUNT OF CHEMICALS STORED. SPILL CLEANUP MATERIALS MUST BE LOCATED WITHIN THE IMMEDIATE PROXIMITY OF THE MATERIALS AS WELL.
16. PLACEMENT OF PORTA-POTTIES ON THE PROJECT WILL NOT BE LOCATED CLOSE TO STREAMS, WETLANDS, OR STORM DRAINS.
17. NO VEHICLE MAINTENANCE OF CONSTRUCTION VEHICLES WILL OCCUR ONSITE.
18. CONSTRUCTION MATERIALS WILL BE STAGED IN THE PARKING AREA BETWEEN THE BUILDING AND THE ENTRY DRIVE. FOR TRASH ON THE PROJECT, PROVIDE A TRASH RECEPTACLE WITH A LID. MAINTAIN THE MATERIAL STAGING AREA IN AN NEAT AND ORDERLY MANNER.
19. CONTRACTOR SHALL INSTALL 4" THICK LAYER OF QUALITY TOPSOIL ON ALL DISTURBED AREAS AND ESTABLISH A THICK STAND OF GRASS ACCEPTABLE TO THE KNOX COUNTY SITE INSPECTOR.

1-F-21-UR
12/17/2020

Rev.	Date	Revision Description
02	4.08.20	County Comments
01	3.20.20	County Review

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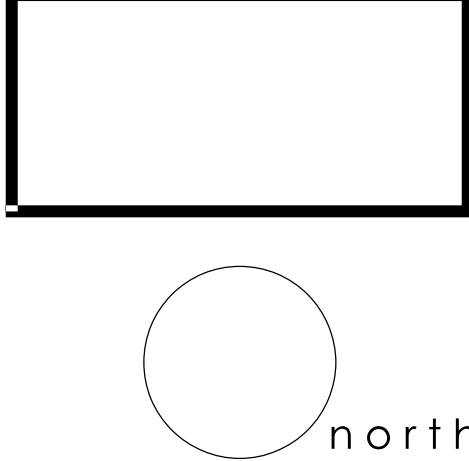
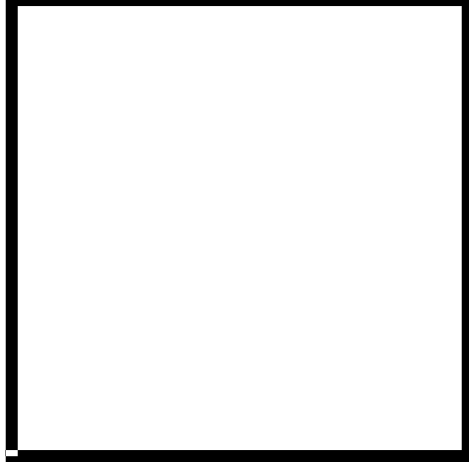


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SCALE:
DATE: 17 DECEMBER 2020
DRAWN BY:

P0.2
SITE GRADING PLAN

20711