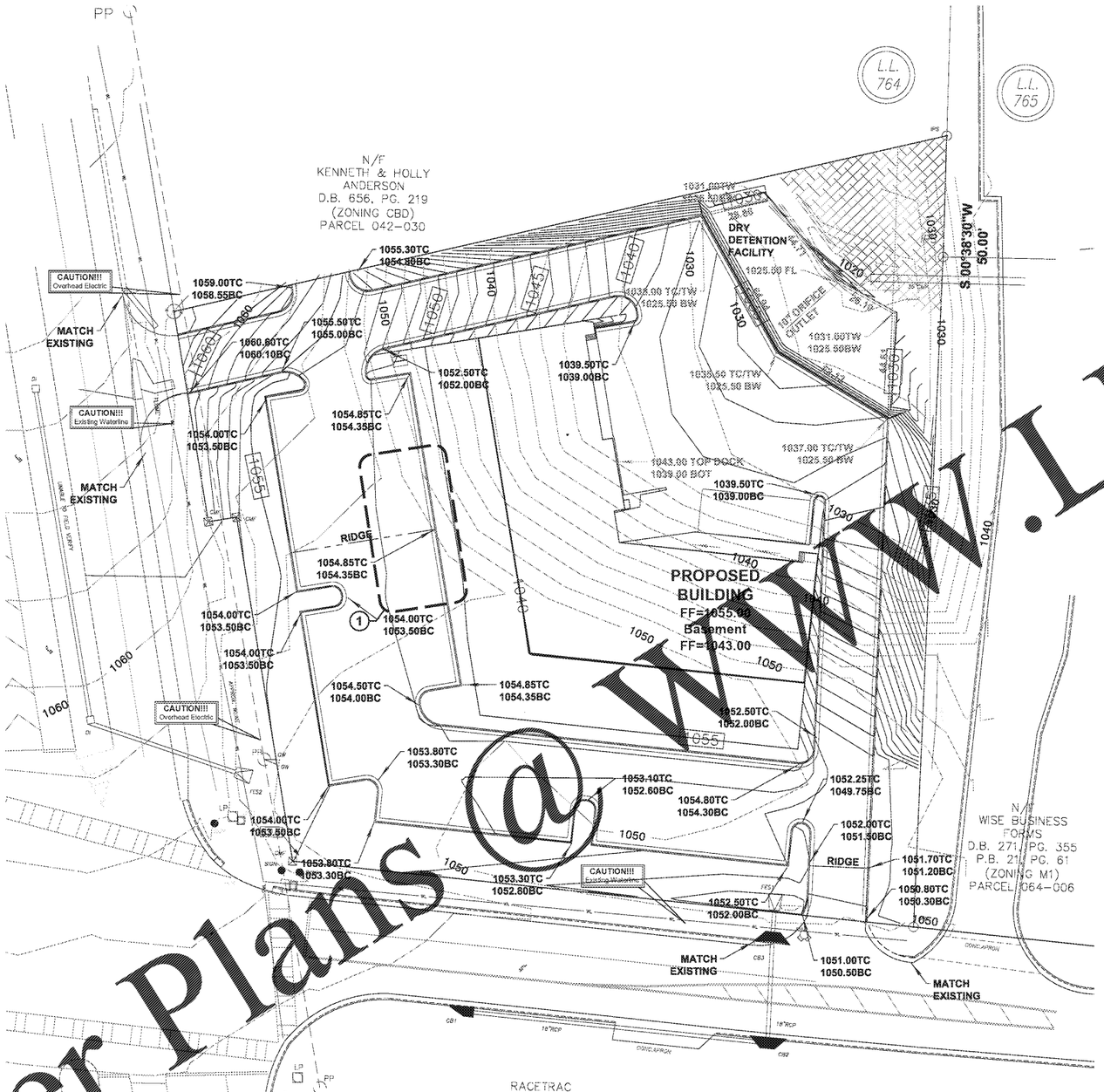
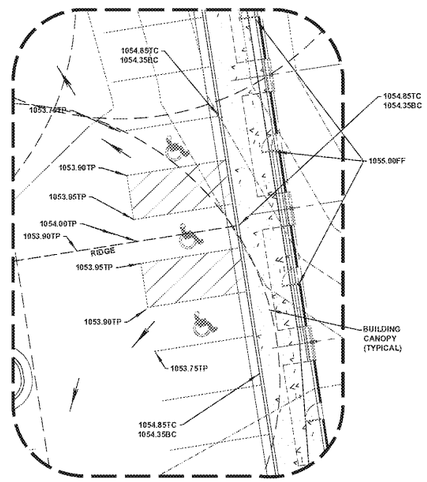
ISSUED FOR CONSTRUCTION



GRADING NOTES:

1. MAINTAIN POSITIVE DRAINAGE AWAY FROM THE BUILDING AT ALL TIMES DURING CONSTRUCTION.
2. MAINTAIN A MINIMUM 4' SHOULDER BEYOND BACK OF CURB OF PAVEMENT OR EDGE OF PAVEMENT WHERE THERE IS NO CURB.
3. MAINTAIN 2% CROSS-SLOPE ON WALKWAYS UNLESS NOTED OTHERWISE.
4. MAXIMUM 2% SLOPE WITHIN HANDICAP PARKING AREAS. MAXIMUM 5% SLOPE IN THE DIRECTION OF TRAVEL FOR PARKING SPACES.
5. CONNECT EXISTING AND PROPOSED DOWNSPOUTS TO UNDERGROUND STORM DRAINAGE SYSTEM. SLOPE PIPE AT A MINIMUM OF 1% SLOPE.
6. MINIMUM 1% SLOPE IN PAVED AREAS. MINIMUM 2% SLOPE IN NON-PAVED AREAS. MAINTAIN A UNIFORM SLOPE BETWEEN CONTOURS AND BETWEEN SPOT ELEVATIONS WHERE REQUIRED GRADES DO NOT CONTINUE TO BE SHOWN. SLOPE SHALL BE A MINIMUM OF 0.5% BELOW FFE AND SHALL SLOPE AWAY FROM BUILDING AT A MINIMUM SLOPE OF 2%.
7. CONSTRUCT CURB RAMPS WHERE PAVEMENT SLOPES TOWARD CURBS. CONSTRUCT CURB CUTS WHERE PAVEMENT SLOPES AWAY FROM CURBS. IL UNLESS NOTED OTHERWISE, INSTALL ALL STORM DRAIN LINES AT A MINIMUM SLOPE OF 1%. 4. DRAINAGE STRUCTURES SHALL BE PRECAST STANDARD STRUCTURES OF THE TYPE SHOWN. DRAINAGE STRUCTURES SHALL BE GDOT STANDARD STRUCTURE NO. 1 OF THE TYPE INDICATED AND SHALL BE CONSTRUCTED TO THE INVERT OF THE LOWEST PIPE ENTERING OR EFFLUENT STANDING WATER IN STRUCTURES.
8. PIPE BEDDING SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S PIPE BEDDING SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
9. RUNOFF FROM COLLECTOR PIPE SHALL BE SCHEDULE 40 PVC, ADS N-12 HDPE, OR ROOF DRAIN COLLECTOR PIPE SHALL BE SCHEDULE 40 PVC, ADS N-12 HDPE, OR APPROVED EQUAL
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL DEBRIS AS THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL DEBRIS AS ACCEPTABLE TO THE OWNER AND THE ENGINEER. SEDIMENT ACCUMULATIONS AND DEBRIS FROM CONSTRUCTION ACTIVITIES SHALL BE REMOVED IN A MANNER SUCH THAT SEDIMENT SHALL NOT BE ALLOWED TO LEAVE THE SITE.
11. ALL CAVITIES RESULTING FROM THE REMOVAL OF EXISTING FACILITIES IN THE AREA OF ALL CAVITIES CREATED BY THE REMOVAL OF EXISTING FACILITIES IN THE AREA OF PROPOSED CONSTRUCTION SHALL BE FILLED AND COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY.
12. THE CONTRACTOR SHALL ESTABLISH ALL TEMPORARY BENCHMARKS TO A THE CONTRACTOR SHALL ESTABLISH ALL TEMPORARY BENCHMARKS TO A TOLERANCE OF NO MORE THAN 0.01' FROM THE ORIGINAL BENCHMARKS.
13. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL BOUNDARY THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL BOUNDARY EVIDENCE BETWEEN THE OWNER AND ADJACENT PROPERTY OWNERS.
14. THE CONTRACTOR SHALL VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL THE CONTRACTOR SHALL VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING STORM AND SANITARY SEWER STRUCTURES, PIPES, AND ALL UTILITIES THAT ARE IN THE DISTURBED AREAS AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. NO AFFECTED IMPROVEMENTS SHALL BE CONSTRUCTED UNTIL ALL DISCREPANCIES ARE RESOLVED.
15. ALL PIPES ENTERING STORM STRUCTURES SHALL BE GROUTED WITH NON-SHRINK ALL PIPES ENTERING STORM STRUCTURES SHALL BE GROUTED WITH NON-SHRINK GROUT TO ASSURE CONNECTIONS AT THE STRUCTURE ARE WATERTIGHT.
16. MANHOLES AND GRATES IN PAVED AREAS SHALL MATCH FINISH GRADE AND SLOPE MANHOLES AND GRATES IN PAVED AREAS SHALL MATCH FINISH GRADE AND SLOPE AND SHALL BE FITTED WITH TRAFFIC BEARING LIDS/GRATES
17. AREA DRAINS (AD) IN NON-PAVED AREAS SHALL BE FITTED WITH AYRSHIM GRATES.
18. CONTRACTOR SHALL PROTECT UNDERGROUND PIPING FROM CONSTRUCTION TRAFFIC AT ALL TIMES DURING CONSTRUCTION. CONTRACTOR SHALL PROTECT UNDERGROUND PIPING FROM CONSTRUCTION TRAFFIC AT ALL TIMES DURING CONSTRUCTION.
19. FOR STORM STRUCTURE TOP AND INVERT ELEVATIONS AND FOR PIPE INFORMATION, FOR STORM STRUCTURE TOP AND INVERT ELEVATIONS AND FOR PIPE INFORMATION, SEE STORM PROFILE DRAWINGS.
20. UNLESS NOTED OTHERWISE, ALIGN STORM GRATES PARALLEL TO NEARBY SURFACE UNLESS NOTED OTHERWISE, ALIGN STORM GRATES PARALLEL TO NEARBY SURFACE FEATURES.
21. SLOPES SHALL BE NO STEEPER THAN 2 HORIZONTAL TO 1 VERTICAL. SLOPES SHALL BE NO STEEPER THAN 2 HORIZONTAL TO 1 VERTICAL
22. ALL FILL MATERIAL TO BE UTILIZED ON THE PROJECT SHALL BE FREE OF ORGANIC. ALL FILL MATERIAL TO BE UTILIZED ON THE PROJECT SHALL BE FREE OF ORGANIC OR OTHERWISE DELETERIOUS MATERIALS AND SHALL BE COMPACTED TO A MINIMUM OF 95% MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D698. FILL WITHIN THE BUILDING FOOTPRINT AND EXTENDING TO 10 FEET OUTSIDE THE BUILDING SHALL BE COMPACTED TO 98% OF MAXIMUM DRY DENSITY. ALL EARTHWORK SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.
23. ALL PROPOSED GRADES ARE FINISHED GRADE. ALL PROPOSED GRADES ARE FINISHED GRADE.



1 **ADA Grading Detail**
SCALE: 1"=20'

Sheet Legend

- (850) PROPOSED CONTOURS
- 845 EXISTING CONTOURS
- (1) ADA GRADING DETAIL (REFER TO DETAILS ON SHEET 4)

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PROJECT TYPE

PROJECT TITLE
POPS WINE & SPIRITS
FORSYTH COUNTY, GA

NOTE

NO	DESCRIPTION	DATE

ISSUES & REVISIONS

PERMIT

DRAWING NAME

DRAWING TITLE
GRADING PLAN

DRAWN BY	PROJECT NO
BSR	201922
DESIGNED BY	SCALE
BSR	1" = 20'
APPROVED BY	DATE
BSR	01/15/2019

DRAWING NO
C5.01

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