

GENERAL SITE NOTES:

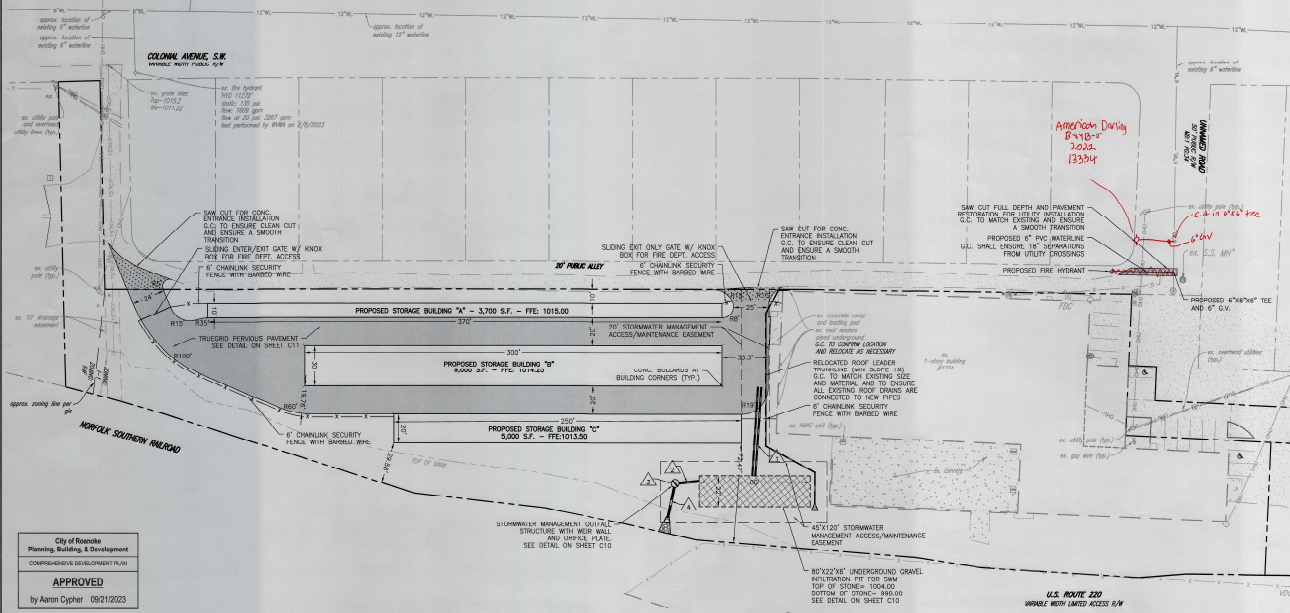
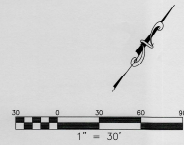
1. G.C. TO CONFIRM THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO ANY CONSTRUCTION OF PROPOSED IMPROVEMENTS.
2. NO CONSTRUCTION/UTILITY CHANGES WITHOUT THE APPROVAL OF THE CONSULTING ENGINEER, W.W.A., AND CITY OF BOWEN PLANNING, BUILDING, AND DEVELOPMENT DEPARTMENT. G.C. SHALL OBTAIN A RIGHT OF WAY PERMIT FROM THE CITY OF BOWEN PRIOR TO ANY WORK WITHIN THE CITY OF BOWEN R.W.
3. GENERAL CONTRACTOR TO FIELD VERIFY ELEVATION IN LOCATIONS/PLACEMENT AND ENSURE THAT PROPOSED DRAINAGE AWAY FROM THE PROPOSED BUILDING IS MAINTAINED THROUGHOUT THE SITE.
4. ANY PAVEMENT TO REMAIN THAT IS DISTURBED OR DESTROYED DURING THE CONSTRUCTION PROCESS SHALL BE REPAIRED/REPLACED AS NECESSARY TO PRE CONSTRUCTION CONDITIONS AT NO COST TO THE OWNER.
5. ALL BUILDING DIMENSIONS AND UTILITY CONNECTIONS SHALL BE COORDINATED WITH THE ARCHITECTURAL PLANS.
6. G.C. SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE CITY OF BOWEN PRIOR TO ANY CONSTRUCTION WITHIN THE PUBLIC RIGHT OF WAY.
7. G.C. TO PROVIDE ALL REQUIRED CONDUIT FOR EXTERIOR LIGHTING, ELECTRICAL, TELEPHONE, AND COMMUNICATIONS. ALL UTILITIES TO BE INSTALLED UNDERGROUND.
8. G.C. SHALL COORDINATE CONCRETE FINISHING AROUND THE PROPOSED DOOR LOCATIONS WITH THE ARCHITECTURAL PLANS.
9. THE SITE CONTRACTOR MUST COORDINATE THE TIMING AND INSTALLATION OF ALL UTILITIES AND MAKE ALL NECESSARY SCHEDULE ARRANGEMENTS FOR TEMPORARY OR PERMANENT UTILITIES FOR THE PROJECT SCHEDULE.
10. ALL BARRIER OR DETOUR SECURITY MEASURES (POSTING) SHALL BE IDENTIFIED FROM NEW CITY OF BOWEN FORMER DEPARTMENT. THE PERIMETER OF ALL GROUND-MOUNTED EQUIPMENT SHALL BE SCREENED FROM ANY STREET FRONTAGE OR ADJACENT PROPERTY BY A FENCE OR SOLID WALL WITH SIGN OR OTHER PROPERTY. THE PERIMETER OF ALL BARRIER POSTING SHALL BE IDENTIFIED FROM NEW CITY OF BOWEN FORMER DEPARTMENT. THE PERIMETER OF ALL BARRIER POSTING SHALL BE IDENTIFIED FROM NEW CITY OF BOWEN FORMER DEPARTMENT. THE PERIMETER OF ALL BARRIER POSTING SHALL BE IDENTIFIED FROM NEW CITY OF BOWEN FORMER DEPARTMENT.
11. G.C. SHALL OBTAIN A SEPARATE SIGN PERMIT FOR ALL ON-SITE AND BUILDING SIGNAGE. IF A PLACARD DISPLAY IS PROPOSED, NOTE THAT ONLY FLAGS TO BE DISPLAYED ARE NATIONAL, STATE, OR OTHER GOVERNMENTAL FLAGS AND SIGNS.
12. THE REFUSE CONTAINER STORAGE AREA MUST MEET ALL REQUIREMENTS SET FORTH IN TABLE 641-1 AND ARTICLE 4, SUPPLEMENTAL REGULATION SECTION OF THE ZONING ORDINANCE. THE HEIGHT OF THE SCREENING MUST BE AT LEAST 10' ABOVE THE TOP OF THE CONTAINER AND THE QUANTITY OF THE SCREENING MUST BE A SOLID FENCE MATERIAL. SEE ENCLOSURE AND GATE DETAILS.
13. ALL EXTERIOR LIGHTING SHALL BE INSTALLED IN ACCORDANCE WITH THE APPROVED LIGHTING PLAN AND CUT SHEETS. THE LIGHTING SHALL ALSO BE INSTALLED AND AIMED TO MEET ALL REQUIREMENTS SET FORTH IN SECTION 34.2 DIVISION 2 OUTDOOR LIGHTING.
14. ALL CONCRETE SHALL BE FINISHED AT GRADE OR BE FIVE UNDERGRASS TO THE PROPOSED STORMWATER MANAGEMENT FACILITY. FOR DOWNSPOUTS DISCHARGING AT GRADE, G.C. SHALL ENSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS.

FIRE FLOW DATA:

EXISTING FLOW DATA PER TEST PERFORMED BY THE WWA ON 2/8/2023
 105-11322
 STATIC PRESSURE 135 PSI
 FLOW FROM 200' W. 105-11322
 CALCULATED FLOW 2500 GPM @ 20 PSI RESIDUAL
 FIRE FLOW REQUIRED 2500 GPM
 PROPOSED FIRE HYDRANT 2500 GPM AT 31 PSI RESIDUAL

SHADING LEGEND:

- PROPOSED TRACED PAVED PAVEMENT SEE SHEET CITY FOR DETAILS
- PROPOSED HEAVY DUTY ASPHALT
- PROPOSED CONCRETE PAVEMENT
- EXISTING ASPHALT PAVEMENT
- EXISTING GRAVEL
- EXISTING CONCRETE



City of Raleigh
 Planning, Building & Development
 COMPREHENSIVE DEVELOPMENT PLAN
APPROVED
 by Aaron Cypher 08/21/2023



BALZER & ASSOCIATES
 PLANNERS / ARCHITECTS
 ENGINEERS / SURVEYORS

Raleigh, North Carolina
 1000 Corporate Center
 Raleigh, NC 27601
 919.772.0800



COLONIAL SELF STORAGE
 LAYOUT AND UTILITY PLAN

DRAWN BY: AAB
 CHECKED BY: CFB
 DATE: 4/21/2023
 REVISION: 1" = 30'

C4
 PROJECT NO. 0420091-01