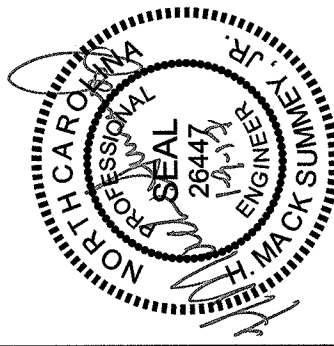


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PUBLICATION OR REUSE OF THESE DRAWINGS  
OR ANY DETAILS THEREFROM MUST BE WITH  
THE WRITTEN CONSENT OF THE ARCHITECT



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UTILITY NOTES:

1. ALL WORK SHALL BE GOVERNED BY THE LATEST EDITIONS OF THE STATE MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION, BUILDING CODE, ENERGY CONSERVATION, HANDICAPPED ACCESSIBILITY, NATIONAL ELECTRICAL CODES, AND NATIONAL FIRE PROTECTION ASSOCIATION CODES AND AS ADOPTED BY THE AUTHORITIES HAVING JURISDICTION.
2. SEE ARCHITECTURAL PLANS FOR DETAILS OF BUILDINGS AND BUILDING DIMENSIONS.
3. CONTRACTOR SHALL GUARANTEE, FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE OF THE SYSTEM BY THE OWNER, EACH AND EVERY PIECE OF MATERIAL OR EQUIPMENT WHICH HAS BEEN INSTALLED UNDER THIS CONTRACT.
4. OCCUPATIONAL HEALTH AND SAFETY ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS, FINAL RULE 29CFR PART 1926, SUBPART "P" APPLIES TO ALL EXCAVATIONS EXCEEDING 5 FEET IN DEPTH.
5. EXCAVATIONS EXCEEDING 20 FEET IN DEPTH REQUIRES THE DESIGN OF A TRENCH SAFETY SYSTEM DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER.
6. THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE BASED ON AVAILABLE INFORMATION. CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND STRUCTURES AND VERIFY REQUIRED COVER AND CLEARANCES PRIOR TO CONSTRUCTION AND REPORT ANY CONFLICTS TO THE ENGINEER.
7. ALL SANITARY SEWER SERVICES SHALL BE SCH. 40 PVC WITH ADHESIVE "WELDED" JOINTS, UNLESS SPECIFIED OTHERWISE. MINIMUM SLOPES ON SANITARY SEWER SERVICES: 4" - 1/4" PER FOOT, 6" - 1/8" PER FOOT.
8. BELOW GRADE WATER SERVICE PIPING FROM METER TO BUILDING SHALL BE TYPE "K" SOFT COPPER TUBING OR PVC PLASTIC. WHERE PIPING IS REQUIRED TO RUN BELOW BUILDING SLAB, IT SHALL BE INSTALLED WITHOUT JOINTS BELOW SLAB.
9. WATER PIPING SHALL BE CONNECTED TO BUILDING STUBS, VERIFY LOCATIONS PRIOR TO BEGINNING WATER PIPE INSTALLATION.
10. WASTE PIPING SHALL BE CONNECTED TO BUILDING STUBS, VERIFY LOCATIONS AND INVERTS PRIOR TO BEGINNING ANY WASTE PIPE INSTALLATION.
11. CONTRACTOR SHALL NOTIFY NORTH CAROLINA "ONE CALL" AT 1-800-632-4949 AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE UTILITIES LOCATED. CONTRACTOR SHALL CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENTLY.
12. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH TOWN OF SALISBURY STANDARDS.
13. CLEAN OUTS SHALL BE PLACED NO MORE THAN 75 FEET APART. CLEAN OUTS LOCATED ON PAVEMENT AREAS SHALL BE HEAVY DUTY TRAFFIC RATED CONSTRUCTION.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND / OR RELOCATION OF ALL EXISTING UTILITIES IN COORDINATION WITH THE APPROPRIATE UTILITY, AGENCY, OR COMPANY.
16. RELATION OF WATER MAINS TO SEWERS:
  - A. LATERAL SEPARATION OF SEWERS AND WATER MAINS: WATER MAINS SHALL BE PLACED AT LEAST 10 FEET Laterally FROM EXISTING OR PROPOSED SEWERS UNLESS LOCAL CONDITIONS OR BARRIERS PREVENT A 10 FOOT LATERAL SEPARATION, IN WHICH CASE:
    - 1) THE WATER MAIN IS PLACED IN A SEPARATE TRENCH, WITH THE ELEVATION OF THE BOTTOM OF THE WATER MAIN AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER.
    - 2) THE SEWER LINE SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE OR ITS EQUIVALENT AND THE WATER LINE SHALL BE CONSTRUCTED OF FERROUS MATERIALS EQUIVALENT TO WATER MAIN STANDARDS FOR A DISTANCE OF TEN FEET ON EACH SIDE OF THE POINT OF CROSSING, WITH FULL SECTIONS OF PIPE CENTERED AT THE POINT OF CROSSING.
  - B. CROSSING A WATER MAIN OVER A SEWER MAIN: WHENEVER IT IS NECESSARY FOR A WATER MAIN TO CROSS OVER A SEWER, THE WATER MAIN SHALL BE PLACED AT SUCH AN ELEVATION THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER MAIN, UNLESS LOCAL CONDITIONS OR BARRIERS PREVENT AN 18 INCH VERTICAL SEPARATION - IN WHICH CASE THE SEWER LINE SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE OR ITS EQUIVALENT AND THE WATER LINE SHALL BE CONSTRUCTED OF FERROUS MATERIALS EQUIVALENT TO WATER MAIN STANDARDS FOR A DISTANCE OF TEN FEET ON EACH SIDE OF THE POINT OF CROSSING, WITH FULL SECTIONS OF PIPE CENTERED AT THE POINT OF CROSSING.
  - C. CROSSING A WATER MAIN UNDER A SEWER MAIN: WHENEVER IT IS NECESSARY FOR A WATER MAIN TO CROSS UNDER A SEWER MAIN, THE SEWER LINE SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE OR ITS EQUIVALENT AND THE WATER LINE SHALL BE CONSTRUCTED OF FERROUS MATERIALS EQUIVALENT TO WATER MAIN STANDARDS FOR A DISTANCE OF TEN FEET ON EACH SIDE OF THE POINT OF CROSSING, WITH FULL SECTIONS OF PIPE CENTERED AT THE POINT OF CROSSING.
  - D. CROSSING A SEWER LINE OVER OR UNDER A STORM DRAIN: WHEN IT IS NECESSARY FOR A SEWER LINE TO CROSS A STORM DRAIN PIPE, THE SEWER LINE SHALL BE PLACED AT SUCH AN ELEVATION THAT THE OUTSIDE OF THE SEWER LINE NEAREST TO THE OUTSIDE OF THE STORM DRAIN PIPE SHALL MAINTAIN A 24 INCH CLEAR SEPARATION DISTANCE, OR ENCASED IN EITHER CONCRETE OR DUCTILE IRON PIPE FOR AT LEAST 5 FEET ON EITHER SIDE OF THE CROSSING.
17. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE ACTUAL LOCATION AND AVAILABILITY OF ALL EXISTING AND PROPOSED UTILITIES IN THE FIELD PRIOR TO GROUND BREAKING. REFER TO DETAIL SHEET FOR PIPE BEDDING.

GENERAL SITE NOTES:

- 1.
2. THE LOCATIONS OF ALL UTILITIES SHOWN ON THESE PLANS ARE BASED ON THE AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF UTILITIES WITH THE UTILITY OWNERS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
3. ALL HANDICAP SITE FEATURES SHALL BE CONSTRUCTED TO MEET ALL FEDERAL, STATE AND LOCAL CODES.
4. ANY DISCREPANCY IN THIS PLAN, ARCHITECTURAL PLANS, AND/OR ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE ENGINEER PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL SETBACKS, EASEMENTS, AND DIMENSIONS SHOWN HEREIN BEFORE BEGINNING CONSTRUCTION.
5. THE CONTRACTOR SHALL CONTACT ALL OWNERS OF EASEMENTS, UTILITIES, AND R.O.W.'S (PUBLIC OR PRIVATE), PRIOR TO WORKING IN THESE AREAS, IF REQUIRED.
6. ACCESS TO UTILITIES, FIRE HYDRANTS, STREET LIGHTING, ETC., SHALL REMAIN UNDISTURBED, UNLESS COORDINATED WITH RESPECTIVE UTILITY.
7. DO NOT SCALE THIS DRAWING AS IT IS A REPRODUCTION AND SUBJECT TO DISTORTION.
8. ALL UTILITIES TO SERVE BUILDING SHALL BE UNDERGROUND ON SITE UNLESS OTHERWISE NOTED.
9. THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING ITEM AND/OR MATERIAL DUE TO CONSTRUCTION OPERATIONS. ALL STREET SURFACES, DRIVEWAYS, CULVERTS, CURB AND GUTTERS, ROADSIDE DRAINAGE DITCHES, AND OTHER STRUCTURES THAT ARE DISTURBED OR DAMAGED IN ANY MATTER AS A RESULT OF CONSTRUCTION SHALL BE REPLACED OR REPAIRED IN ACCORDANCE WITH THE SPECIFICATIONS.
10. COMPACTION AND MAINTENANCE OF PROPER MOISTURE CONTENT OF THE SOIL UNDER BUILDINGS AND PAVED AREAS SHALL BE ACCOMPLISHED TO ACHIEVE 100% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY & 95% UNDER UNDER ALL PAVED AREAS, OR AS RECOMMENDED IN THE SOIL REPORT (IF AVAILABLE).
11. THE CONTRACTOR SHALL NOTE THAT THE DRAWINGS ARE SCHEMATIC IN NATURE AND DO NOT SHOW EVERY OFFSET, TRANSITION, FITTING, ETC. THAT MAY BE REQUIRED FOR A COMPLETE WORKING SYSTEM.
12. ALL PERMITS RELATIVE TO PROJECT MUST BE OBTAINED PRIOR TO CONSTRUCTION. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH PERMITS ISSUED AND APPLICABLE TO STATE, COUNTY, AND LOCAL CODES.
13. THE CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES. THE LOCATION OF ALL EXISTING UTILITIES IS NOT NECESSARILY SHOWN ON PLANS AND WHERE SHOWN ARE ONLY APPROXIMATE. THE CONTRACTOR ON HIS INITIATIVE AND AT NO EXTRA COST SHALL HAVE LOCATED ALL UNDERGROUND LINES AND STRUCTURES AS NECESSARY. NO CLAIMS FOR DAMAGES OR EXTRA COMPENSATION SHALL ACCRUE TO THE CONTRACTOR FROM THE PRESENCE OF ITEMS SUCH AS PIPE OR OTHER OBSTRUCTIONS OR FROM ANY DELAY DUE TO REMOVAL OR REARRANGEMENT OF THE SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE DUE TO UNDERGROUND STRUCTURES. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL NONSUBSCRIBING UTILITIES. THE CONTRACTOR(S) SHALL CONTACT NORTH CAROLINA "ONE CALL" AT 1-800-632-4949 FOR ASSISTANCE IN LOCATING EXISTING UTILITIES. CALL AT LEAST 48 HOURS PRIOR TO ANY DIGGING.
14. FOR BUILDING DIMENSIONS, SEE ARCHITECTURAL OR DRAWINGS.
15. LANDSCAPE PLANTINGS AND SIGN LOCATIONS AT ENTRANCES/EXITS WILL BE INSTALLED AND MAINTAINED SO AS NOT TO INTERFERE WITH SIGHT DISTANCE NEEDS OF DRIVERS IN THE PARKING AREA AND AT ENTRANCES/EXITS LOCATIONS, PER LOCAL STANDARDS.
16. SEEDING TO BE INSTALLED TO LOCAL REQUIREMENT & STANDARD PRACTICES.
17. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION OF ANY ITEM SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED ALL PLANS AND ANY OTHER DOCUMENTATION FROM ALL OF THE PERMITTING AND ANY OTHER REGULATORY AUTHORITIES. FAILURE OF THE CONTRACTOR TO FOLLOW THIS PROCEDURE SHALL CAUSE THE CONTRACTOR TO ASSUME FULL RESPONSIBILITY FOR ANY SUBSEQUENT MODIFICATION OF THE WORK MANDATED BY ANY REGULATORY AUTHORITY.
18. ANY AND ALL QUANTITIES SHOWN OR IMPLIED ON THESE PLANS ARE FOR ESTIMATION PURPOSES ONLY.

CONTRACTOR NOTES:

NOTE: ALL DIMENSIONS AND RADII ARE OUTSIDE FACE OF BUILDING OR TO FACE OF CURB, OR TO THE CENTER OF STRUCTURES SUCH AS INLETS, SIGN POSTS, ETC., UNLESS OTHERWISE NOTED.

CONTRACTOR TO:

1. VISIT SITE AND BRING TO THE ENGINEER'S ATTENTION IN WRITING ANY PROBLEMS OR DISCREPANCIES WITH THE SITE OR PROJECT PRIOR TO CONSTRUCTION.
2. COORDINATE WITH THE OWNER FOR PHASING OF CONSTRUCTION. INSURE A HIGH LEVEL OF SAFETY DURING ALL PHASES OF CONSTRUCTION.
3. CHECK ALL (VERIFY) DIMENSIONS NOTED ON PLANS. REPORT ANY DISCREPANCIES TO THE ENGINEER IN WRITING PRIOR TO ANY FURTHER CONSTRUCTION.
4. CONTACT ENGINEER FOR OBSERVATION OF CONSTRUCTION RELATED TO REQUIRED FEDERAL, STATE, OR LOCAL CERTIFICATIONS INCLUDING BUT NOT LIMITED TO PROOF ROLL AND ASPHALT PLACEMENT. PROVIDE 24 HOUR NOTICE TO ENGINEER FOR REQUIRED CONSTRUCTION OBSERVATION RELATED TO CERTIFICATION OF ROADWAY, WATER SYSTEM, PAVEMENT, ETC.
5. KEEP ALL PLANTING AND GRASS AREAS FREE OF DEBRIS, STONES, CONSTRUCTION MATERIALS, ETC., RESPONSIBLE FOR NOT DAMAGING EXISTING PLANTING TO REMAIN.
6. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND AVOIDING ALL UNDERGROUND UTILITIES WHETHER SHOWN ON THE SITE PLAN OR NOT. THOSE SHOWN ARE BASED ON THE SURVEY PROVIDED AND MAY NOT BE ALL INCLUSIVE. CONTACT UTILITY LOCATION SERVICE OR OTHER APPROPRIATE UTILITY LOCATION SERVICE FOR UTILITY IDENTIFICATION PRIOR TO ANY WORK. CONTRACTOR TO PROTECT ALL UTILITIES TO REMAIN - TYPICAL. CONTACT ALL UTILITY COMPANIES TO INSURE THE UTILITIES ARE SHUT DOWN PRIOR TO THE START OF ANY DEMOLITION AND/ OR SITE WORK.
7. PATCH / REPAIR STREETS, STRUCTURES, ETC. AS NECESSARY AFTER CONNECTION OF PROPOSED UTILITIES.
8. SEE GRADING PLAN FOR PROPOSED GRADES AND EROSION CONTROL.
9. USE THE ARCHITECT'S OR ENGINEER'S DRAWINGS FOR BUILDING DIMENSIONS.
10. USE CITY OF CHARLOTTE STANDARD CONSTRUCTION DETAILS FOR ALL SITE WORK ITEMS.

By:	nk
Description:	REVISED PER CITY OF SALISBURY AND RAMSEY BURGIN SMITH
Date:	1.08.17
No.	1

Rowan/Kannapolis  
ABC STORE &  
WAREHOUSE  
Salisbury, NC

STANDARD NOTES



nk  
DRAWN BY  
INCHES  
CHECKED BY  
DATE  
REV. 2016  
E-3821  
COMM. NO.

SHEET NO.

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