

ON-SITE UTILITY NOTES

- FOR GENERAL SITE WORK, SEE SHEET 0100.
- ALL WATER DISTRIBUTION PIPE SHALL BE DUCTILE IRON WATER PIPE CONFORMING TO ALL STATE AND LOCAL STANDARDS.
- ALL DUCTILE IRON PIPE SHALL BE PRESSURE CLASS 60 OR GREATER.
- ALL SANITARY SEWER PIPE SHALL BE 30" PVC PIPE FOR GRAVITY FLOW AND SCH 40 FOR PRESSURED FLOW (BEDDED IN STONE) CONFORMING TO ALL STATE AND LOCAL STANDARDS.
- FITTINGS 4" AND LARGER SHALL BE DUCTILE IRON (PUSH-ON TYPE JOINT) CONFORMING TO AWWA AND AWWA STANDARD SPECIFICATIONS.
- PIPE AND FITTINGS 3" AND SMALLER ARE TO BE EITHER PVD SCHEDULE 40 WITH SOLVENT WELD JOINTS OR SOFT COPPER. GATE VALVES SHALL BE TELESCOPE TYPES. ALL VALVES MUST BE Mueller, M&H OR KENNEDY AND BE RATED 175 PSI WORKING PRESSURE AND 300 PSI HYDROSTATIC TEST PRESSURE. ALL VALVES WILL BE OPEN LEFT AND BE CAST OR DUCTILE IRON BODIED.
- ALL WATER MAINS SHALL HAVE A MINIMUM COVER OF 3' ABOVE THE TOP OF THE PIPE.
- THE MINIMUM HORIZONTAL SEPARATION BETWEEN THE CLOSEST TWO POINTS OF THE WATER AND SEWER LINE IS TEN FEET (10'). THE MINIMUM VERTICAL SEPARATION BETWEEN THE CLOSEST TWO POINTS OF THE WATER AND SEWER LINE IS EIGHTEEN INCHES (18').
- THURST BLOCKS SHALL BE PROVIDED AT ALL BENDS.
- DIMENSIONS SHOWN ARE CENTERLINE OF PIPE OR FITTINGS.
- ALL SPRINKLER, DOMESTIC, AND SANITARY LEADS TO THE BUILDING SHALL END 5' FROM THE EDGE OF BUILDING AS SHOWN ON PLAN AND SHALL BE PROVIDED WITH A TEMPORARY PLUG AT END (FOR OTHERS TO REMOVE AND EXTEND AS NECESSARY).
- ALL WATER MAINS SHALL BE HYDROSTATICALLY TESTED AND DISINFECTED BEFORE ACCEPTANCE. SEE SITE WORK SPECIFICATIONS.
- ALL GATE VALVES/BOXES SHALL BE TO TOWN/CITY STANDARDS.
- ALL TRENCHING, PIPE LAYING, AND BACKFILLING SHALL BE IN ACCORDANCE WITH FEDERAL OSHA REGULATIONS.
- SEE SITE SPECIFICATIONS FOR BACKFILLING AND COMPACTION REQUIREMENTS.
- SITE CONTRACTOR SHALL HAVE APPROVAL OF ALL GOVERNING AGENCIES HAVING JURISDICTION OVER THIS SYSTEM PRIOR TO COMPLETION.
- INSTALLATION OF THIS PLAN SHALL BE DONE IN STRICT ACCORDANCE WITH SITE WORK SPECIFICATIONS.
- SEE ELECTRICAL PLAN FOR SITE LIGHTING LAYOUT.
- SEE "M" SHEETS FOR CONTINUATION OF FACILITIES INTO AND OUT OF THE BUILDING.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH LOCAL POWER PROVIDER FOR THE LOCATION OF THE TRANSFORMER AND ANY NECESSARY CONDUITS.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH LOCAL TELECOMMUNICATION PROVIDER THE LOCATION OF ANY PEDESTALS AND NECESSARY CONDUITS.

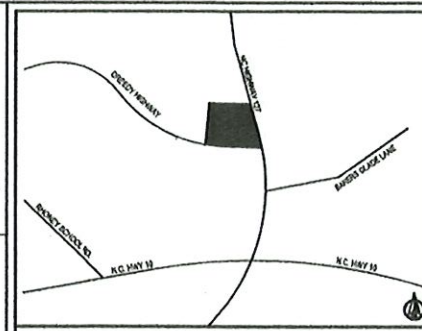
GENERAL NOTES

- CONTRACTOR IS TO VERIFY ALL UTILITY LOCATIONS PRIOR TO BEGINNING WORK.
- ALL WORK IS TO BE IN ACCORDANCE WITH ALL STATE AND LOCAL REGULATIONS.
- ALL PERMITS ARE TO BE OBTAINED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
- EXISTING UTILITIES ON SITE SHALL BE RELOCATED AS REQUIRED. CONTRACTOR SHALL PAY ALL COSTS ASSOCIATED WITH RELOCATION.
- CONTRACTORS ARE TO FULLY ACQUAINT THEMSELVES WITH ALL UTILITIES WITHIN THE CITY AND STATE ROW AND WITHIN THE PROPERTY BOUNDARIES WHICH WILL REQUIRE RELOCATION. ALL COSTS ASSOCIATED WITH RELOCATION SHALL BE INCLUDED IN THE BASE BID.
- ALL WORK PERFORMED WITHIN NC DOT ROW SHALL BE PER NC DOT SPECS AND SHALL BE INSPECTED FOR COMPLIANCE BY STATE INSPECTORS AT THEIR DISCRETION.

LOCAL UTILITY COMPANIES		
UTILITY	COMPANY NAME	PHONE
WATER	CITY OF HICKORY	(828) 323-7427
POWER	Duke Energy	(800) 452-3777
TELEPHONE	CHARTER	(888) 892-8835
TELEPHONE	AT&T	(800) 225-6288
SANITARY SEWER	CATAWBA COUNTY ENVIRON. HEALTH	(828) 455-8270



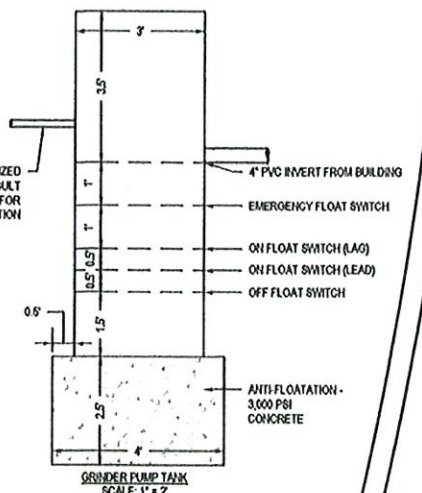
BEFORE YOU DIG!
CALL 1-800-632-4949
N.C. ONE-CALL CENTER
IT'S THE LAW!



VICINITY MAP (NTS)

LEGEND

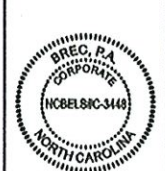
- PROPERTY LINE
- EXISTING CONTOURS
- PROPOSED CONTOURS
- BUILDING SETBACK
- LANDSCAPE BUFFER
- EX. OVERHEAD ELECTRIC
- EX. WATER
- EX. FIBER OPTICS



GRINDER PUMP TANK SCALE: 1" = 2'



ENGINEERING (PLANNING) ENVIRONMENTAL
105 EXECUTIVE DRIVE - SUITE 220
WILKESBORO, NC 28697
336.844.4058
http://brec.biz



DOLLAR GENERAL
HICKORY, NC
STORE #21482

UTILITY PLAN

PREPARED FOR:
TERAMORE DEVELOPMENT, LLC
PO BOX 6460
THOMASVILLE, GA 31758

DATE	REVISIONS



20 10 0 20 40

SHEET SIZE	24" x 36"
DATE	09/12/2019
PROJECT NUMBER	3100552019
DRAWN BY	J EDWARDS
APPROVED BY	J CHURCH
SCALE	1" = 20' (H) (V)
SHEET	C400