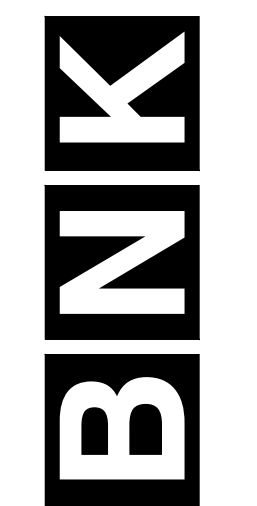


IT'S THE LAW!
 AS OF JANUARY 1, 1986, NORTH CAROLINA STATE LAW REQUIRES ANYONE EXCAVATING WITH MECHANICAL EQUIPMENT ON HIGHWAY RIGHTS-OF-WAY, PRIVATE UTILITY EASEMENTS, OR PUBLIC SPACES TO NOTIFY ALL UTILITIES TWO (2) WORKING DAYS PRIOR TO DIGGING.

NOTES:
 ALL PIPE LENGTHS ARE MEASURED FROM CENTERLINE OF STRUCTURE TO CENTER OF STRUCTURE.

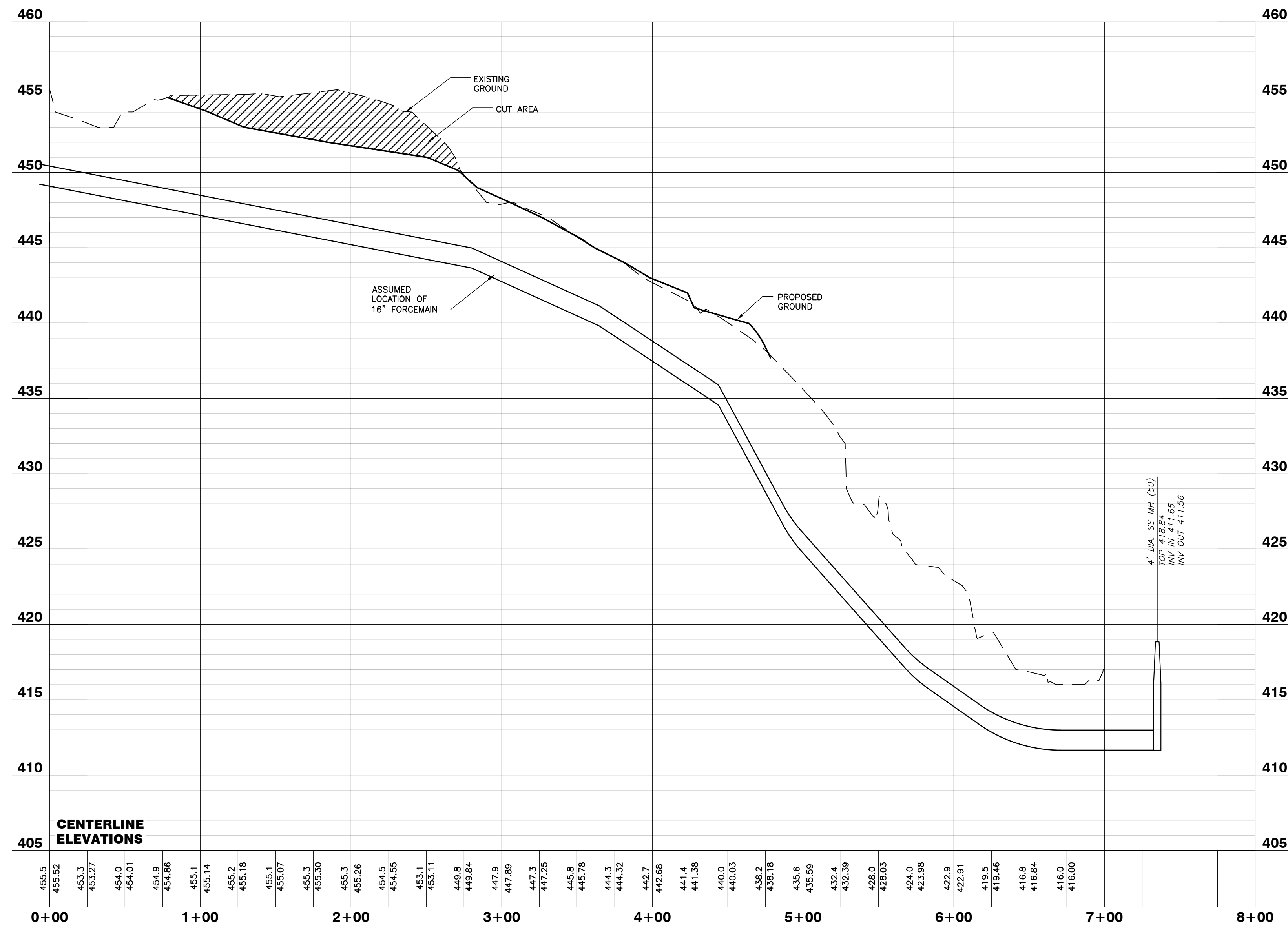
CONTACT NORTH CAROLINA ONE-CALL CENTER PRIOR TO ANY CONSTRUCTION. (800) 632-4949

ALL STRUCTURE OFFSETS ARE MEASURED FROM CL OF ROAD TO CENTER OF STRUCTURE



BASS, NIXON & KENNEDY, INC.
CONSULTING ENGINEERS
 6310 CHAPEL HILL ROAD, SUITE 250, RALEIGH, NC 27607
 TELEPHONE: (919)951-4222 OR (800)954-1879 FAX: (919)951-8668
 CERTIFICATION NUMBERS: NOBELS (C-0110); NCBOLA (C-0267)

FORCE MAIN



---	PROPOSED PROFILE CENTERLINE
---	EXISTING PROFILE CENTERLINE
---	EXISTING PROFILE ALONG R.O.W. LEFT
---	EXISTING PROFILE ALONG R.O.W. RIGHT

CONSTRUCTION NOTES

- SANITARY SEWERS SHALL BE LAID AT LEAST 10 FEET LATERALLY FROM EXISTING OR PROPOSED WATER MAINS UNLESS THE ELEVATION OF THE TOP OF THE SEWER IS AT LEAST 18" BELOW THE BOTTOM OF THE WATER MAIN WITH A HORIZONTAL SEPARATION OF AT LEAST 3 FEET.
- WHERE A WATER MAIN AND SANITARY OR STORM SEWER CROSS, AND THE VERTICAL SEPARATION IS LESS THAN 18 INCHES, OR THE WATERLINE PASSES UNDER THE SANITARY SEWER, BOTH THE WATER MAIN AND SANITARY SEWER SHALL BE DUCTILE IRON PIPE, EQUIVALENT TO WATER MAIN STANDARDS FOR A DISTANCE OF 10 FEET ON EACH SIDE AT THE POINT OF CROSSING.
- SANITARY SEWERS SHALL HAVE THE TOP OF THE PIPE AT LEAST 24 INCHES BELOW THE BOTTOM OF STORM SEWER PIPE WHEN HORIZONTAL SEPARATION IS 3 FEET OR LESS FROM EXISTING OR PROPOSED STORM SEWER. WHERE A SANITARY SEWER AND A STORM SEWER CROSS, AND THE VERTICAL SEPARATION IS LESS THAN 24 INCHES WITH THE SANITARY BELOW THE STORM OR THE SANITARY IS ABOVE THE STORM, THE SANITARY SEWER SHALL BE DUCTILE IRON PIPE WITH A CONCRETE CRADLE INSTALLED HAVING A 6" CLEARANCE.
- ALL MANHOLE TOPS ARE TO BE FLUSH WITH FINAL LIFT OF ASPHALT OR 1.0' ABOVE GRADE ON NATURAL GROUND.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE TOWN OF CARY AND THE STATE OF NORTH CAROLINA STANDARDS AND SPECIFICATIONS.

NO WETLANDS EXIST ON-SITE

NO FLOODPLAINS EXIST ON-SITE

NOTE: ALL CONSTRUCTION ACTIVITY MUST BE IN ACCORDANCE WITH THE ACCEPTED POLICIES OF THE TOWN OF CARY AND NCDOT

NO.	DATE	DESCRIPTION	BY
1	09-14-17	PER TOC COMMENTS	IP
2	11-09-17	PER TOC COMMENTS	IP
3	02-08-18	PER TOC COMMENTS	IP
4	03-06-18	PER TOC COMMENTS	IP

**TRIANGLE AQUATIC CENTER
 WEST & SOUTH PARKING EXPANSION
 PROJECT NO. 18-DP-0033**
 TOWN OF CARY, WAKE COUNTY, NORTH CAROLINA

**APPROVED by the Town of Cary
 Development Review Committee**

By: Kevin A. Hales
 04/17/2018

SHEET
C4.2