NOTES:
1. STEEL SHALL BE GRADE 40.
2. CONCRETE SHALL BE 3,000 P.S.I. OR GREATER.

NOTES:
1. PIERS OVER 3 FEET IN HEIGHT TO BE REINFORCED.
2. BOTTOM OF PIPE MUST BE A MINIMUM OF 24 INCHES ABOVE NORMAL WATER LEVEL BUT NO LOWER THAN THE 25-YEAR FLOOD ELEVATION.
3. CAST-IN-PLACE CONCRETE SHALL BE FIELD TESTED.
4. AT A MINIMUM, ONE PIER MUST BE INSTALLED EVERY 20 FEET OR AS DIRECTED BY CARY'S UTILITIES DEPARTMENT.
5. FOOTING DESIGN SHALL BE CONFIRMED BY LICENSED N.C. PROFESSIONAL ENGINEER.
6. SUBSURFACE CONDITIONS SHALL BE CONFIRMED BY LICENSED N.C. GOTECH ENGINEER TO VERIFY LOADING.
7. PRECAST PIERS REVIEWED ON CASE BY CASE BASIS
8. PIPE SHALL BE LINEN WITH CARY APPROVED LINING FROM MANHOLE TO MANHOLE.

STANDARD AERIAL CROSSING

EFFECTIVE: 05/15/20