PROJECT REFERENCE NO.	SHEET NO.
R-5968EA	1A

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 040377 ENGINEER ROBERT S. TUCKER

8/4/21

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2018 ROADWAY ENGLISH STANDARD DRAWINGS

The following Roadway Standards as appear in "2018 Roadway Standard Drawings" Highway Design Branch - N.C. Department of Transportation - Raleigh, N.C. are applicable to the project and by reference hereby are considered a part of these plans:

STD.NO.	TITLE
DIVISION 3 - PIPE CULVERTS	
310.02	Parallel Pipe End Section - Precast Concrete Section for 15" to 24" Pipe
DIVISION 8 - INCIDENTALS	
840.04	Concrete Open Throat Catch Basin - 12" thru 48" Pipe
840.14	Concrete Drop Inlet - 12" thru 30" Pipe
840.16	Drop Inlet Frame and Grates - for use with Std. Dwg.s 840.14 and 840.15
840.20	Frames and Wide Slot Flat Grates

GENERAL NOTES

1. WASHED SAND SHALL BE ACCORDING TO PROJECT SPECIAL PROVISIONS.
2. ALL AGGREGATE SHALL BE WASHED BEFORE INSTALLATION AS NOTED ON PLANS.
3. CONTRACTOR SHALL USE HYDRAULIC CEMENT TO SEAL ALL CONCRETE OPENINGS AND JOINTS TO PREVENT LEAKING.
4. CONTRACTOR SHALL INCLUDE TERMINATION VENT SCREEN ON OPEN ENDS OF ALL 6 INCH SCHEDULE 40 PVC DRAINAGE PIPES.
5. CONTRACTORS SHALL SECURE 6 INCH SCHEDULE 40 PVC DRAINAGE PIPES WITH NCDOT APPROVED T-POST AND ZIP-TIES.
6. CONTRACTOR SHALL INSTALL AND SECURE 6 INCH SCHEDULE 40 PVC DRAINAGE PIPES PRIOR TO BACKFILLING DOUBLE-WASHED ASTM STONE AND WASHED SAND. DURING BACKFILLING CONTRACTOR SHALL TEMPORARILY CAP 6 INCH SCHEDULE 40 PVC DRAINAGE PIPES TO PREVENT PIPES FROM CLOGGING.
7. CONTRACTOR SHALL CAP END OF 12 INCH SCHEDULE 40 PVC PIPE NOT IN USE.
8. CONTRACTOR SHALL REMOVE ALL TREES WITHIN LIMITS OF DISTURBANCE. ALL TREES OUTSIDE LIMITS OF DISTURBANCE SHALL BE PROTECTED AND RETAINED.

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