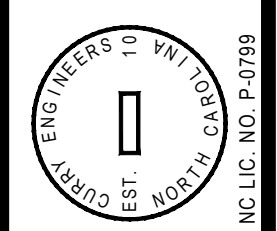


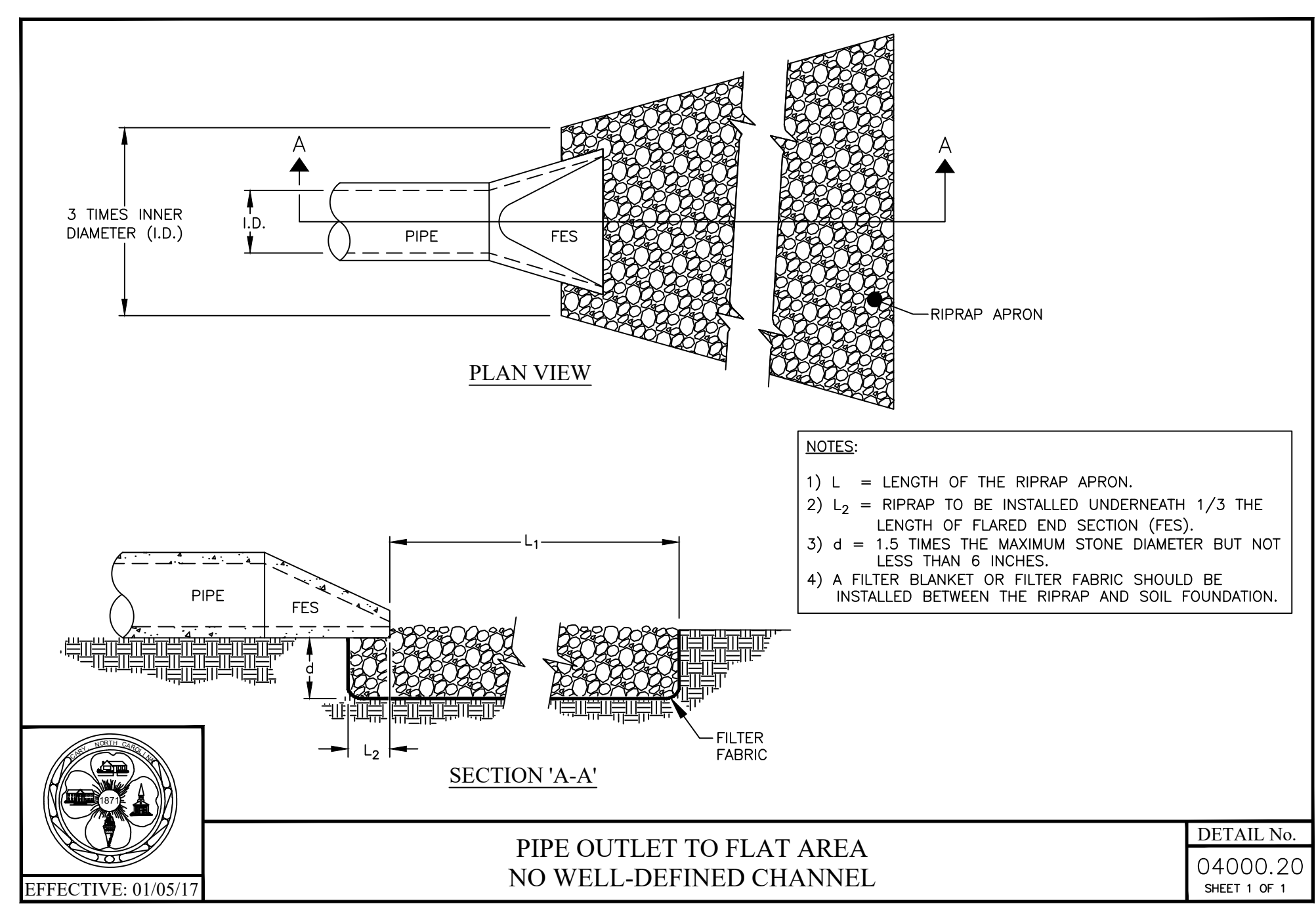
DATE	2/09/2017	SCALE	AS SHOWN
FILE NO.	2016-064		
NO.			
A	1/27/2017		TOWN OF CARY COMMENTS
B	1/26/2017		TOWN OF CARY COMMENTS
C	1/26/2017		TOWN OF CARY COMMENTS
D	1/26/2017		TOWN OF CARY COMMENTS
E	6/15/2018		TOWN OF CARY COMMENTS
F	8/23/2018		TOWN OF CARY COMMENTS

WELLFIELD DEVELOPMENT PLAN (#17-DP-0905)
EROSION CONTROL DETAILS III

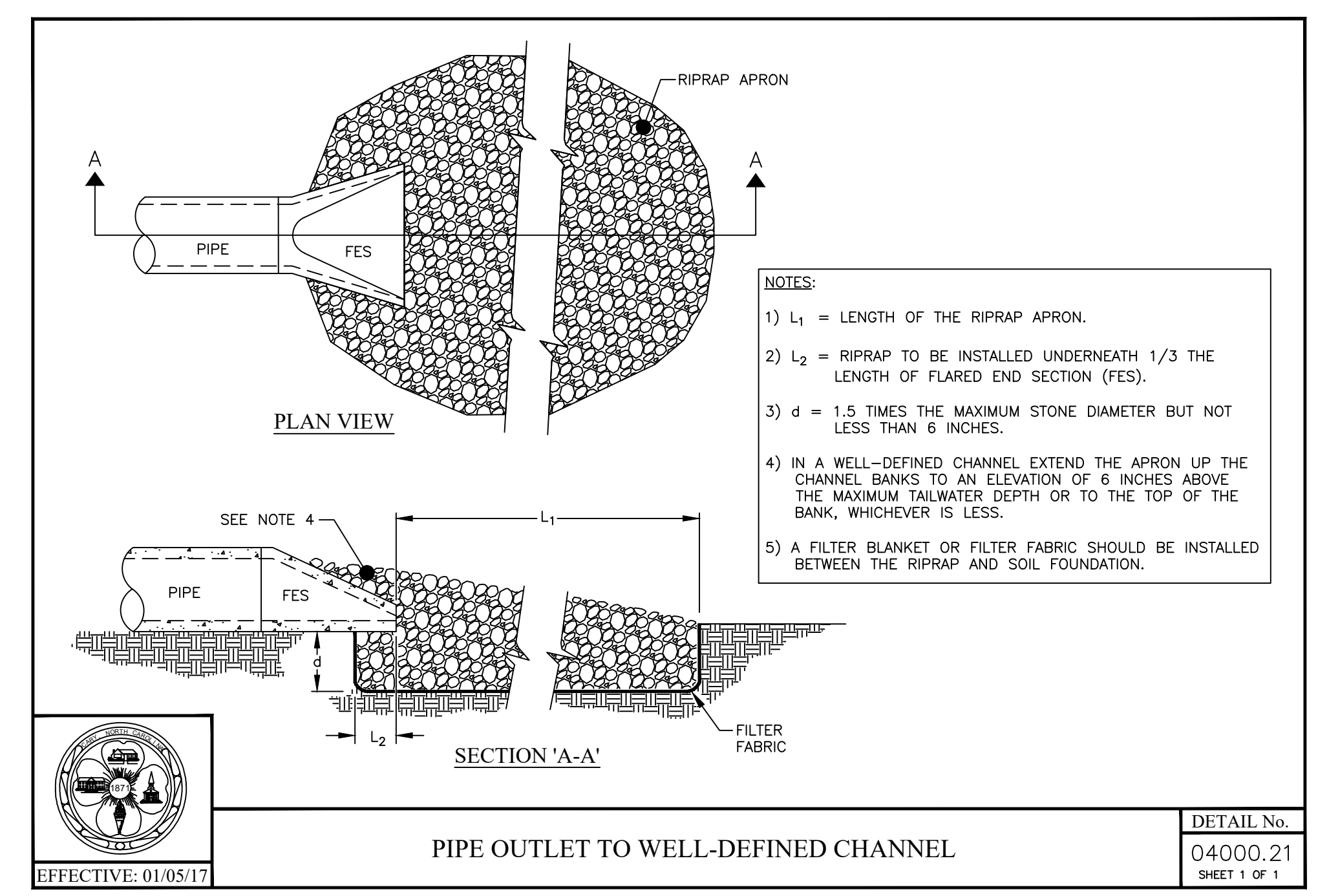
201 S. Eagle Avenue
Fayetteville, NC 27305
P: (919) 822-8849
F: (919) 822-2643



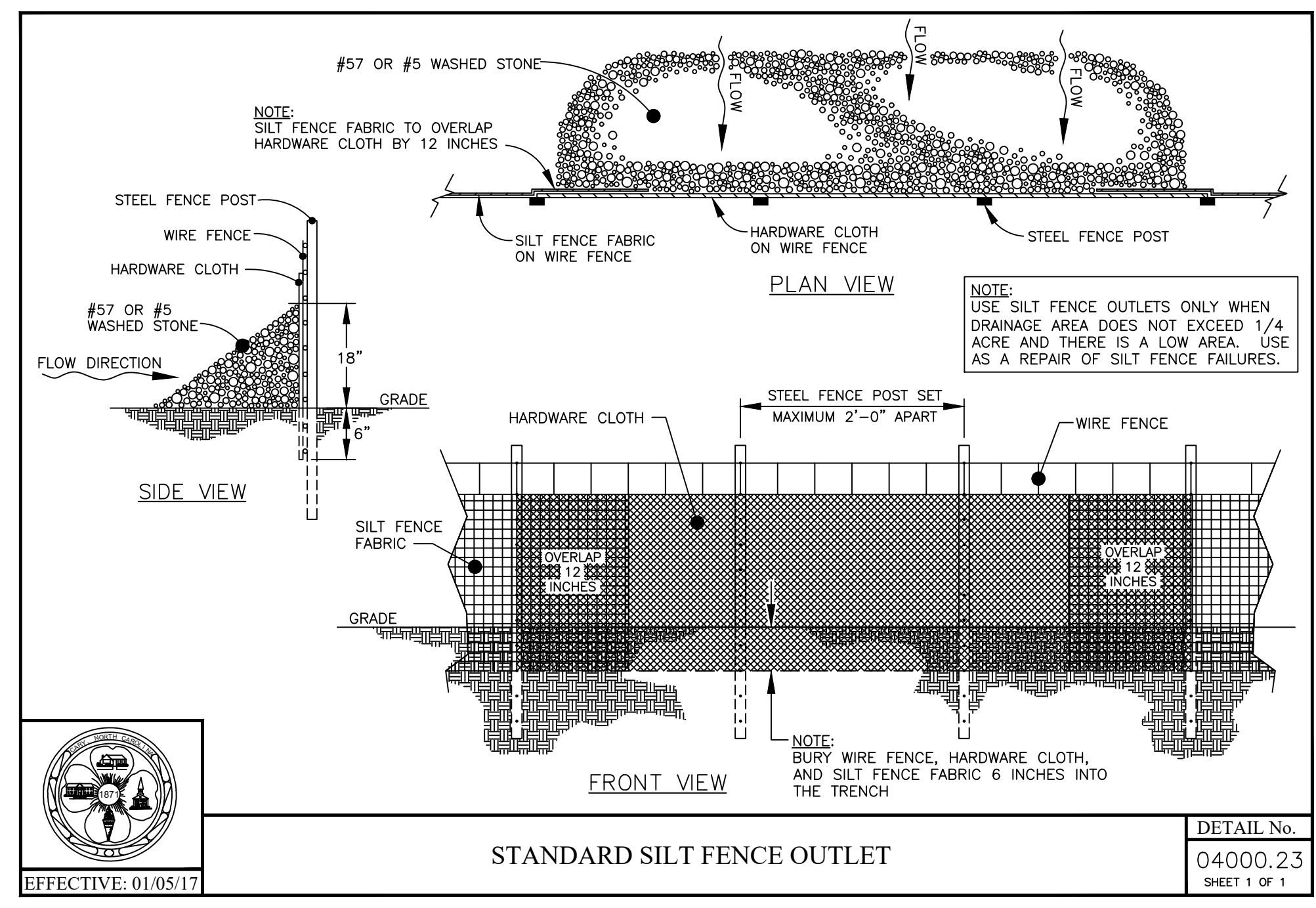
Curry
ENGINEERING
D-10



- NOTES:
- 1) L₁ = LENGTH OF THE RIPRAP APRON.
 - 2) L₂ = RIPRAP TO BE INSTALLED UNDERNEATH 1/3 THE LENGTH OF FLARED END SECTION (FES).
 - 3) d = 1.5 TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 6 INCHES.
 - 4) A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIPRAP AND SOIL FOUNDATION.

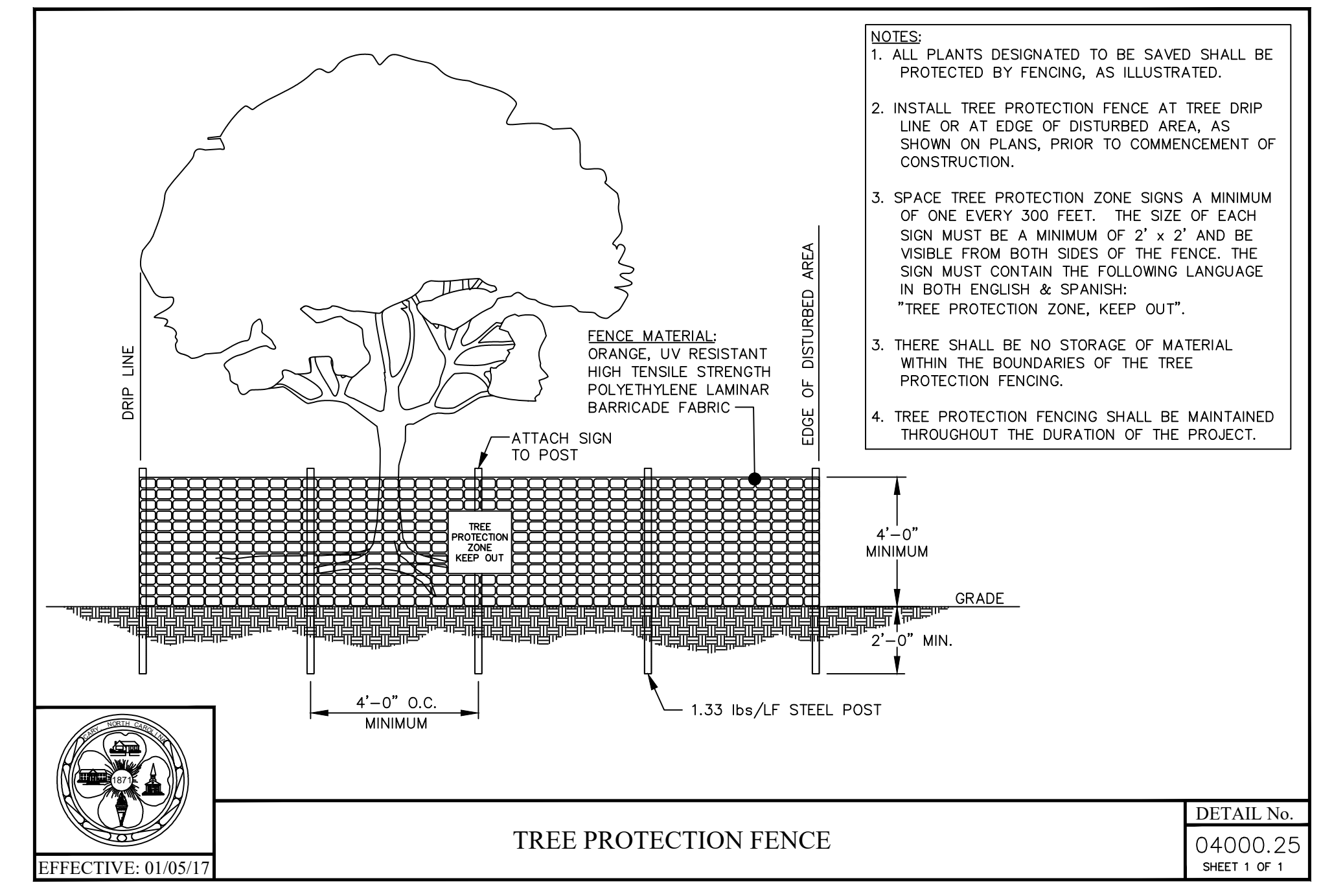


- NOTES:
- 1) L₁ = LENGTH OF THE RIPRAP APRON.
 - 2) L₂ = RIPRAP TO BE INSTALLED UNDERNEATH 1/3 THE LENGTH OF FLARED END SECTION (FES).
 - 3) d = 1.5 TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 6 INCHES.
 - 4) IN A WELL-DEFINED CHANNEL EXTEND THE APRON UP THE CHANNEL BANKS TO AN ELEVATION OF 6 INCHES ABOVE THE MAXIMUM TAILWATER DEPTH OR TO THE TOP OF THE BANK, WHICHEVER IS LESS.
 - 5) A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIPRAP AND SOIL FOUNDATION.



NOTE:
USE SILT FENCE OUTLETS ONLY WHEN DRAINAGE AREA DOES NOT EXCEED 1/4 ACRE AND THERE IS A LOW AREA. USE AS A REPAIR OF SILT FENCE FAILURES.

NOTE:
BURY WIRE FENCE, HARDWARE CLOTH, AND SILT FENCE FABRIC 6 INCHES INTO THE TRENCH



- NOTES:
1. ALL PLANTS DESIGNATED TO BE SAVED SHALL BE PROTECTED BY FENCING, AS ILLUSTRATED.
 2. INSTALL TREE PROTECTION FENCE AT TREE DRIP LINE OR AT EDGE OF DISTURBED AREA, AS SHOWN ON PLANS, PRIOR TO COMMENCEMENT OF CONSTRUCTION.
 3. SPACE TREE PROTECTION ZONE SIGNS A MINIMUM OF ONE EVERY 300 FEET. THE SIZE OF EACH SIGN MUST BE A MINIMUM OF 2' x 2' AND BE VISIBLE FROM BOTH SIDES OF THE FENCE. THE SIGN MUST CONTAIN THE FOLLOWING LANGUAGE IN BOTH ENGLISH & SPANISH: "TREE PROTECTION ZONE, KEEP OUT".
 3. THERE SHALL BE NO STORAGE OF MATERIAL WITHIN THE BOUNDARIES OF THE TREE PROTECTION FENCING.
 4. TREE PROTECTION FENCING SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.

APPROVED by the Town of Cary
Development Review Committee



By: Kevin A. Hales
08/09/2018



TOWN OF CARY SIGNATURE SET

Z:\PROJECTS\170817\170817-001 WOODKUM ROAD - CARY, NC\CONSTRUCTION\DRAWINGS\SHEET FILES\10 EROSION CONTROL DETAIL.DWG
DATE PLOTTED: 08/09/2018 10:42:38 AM