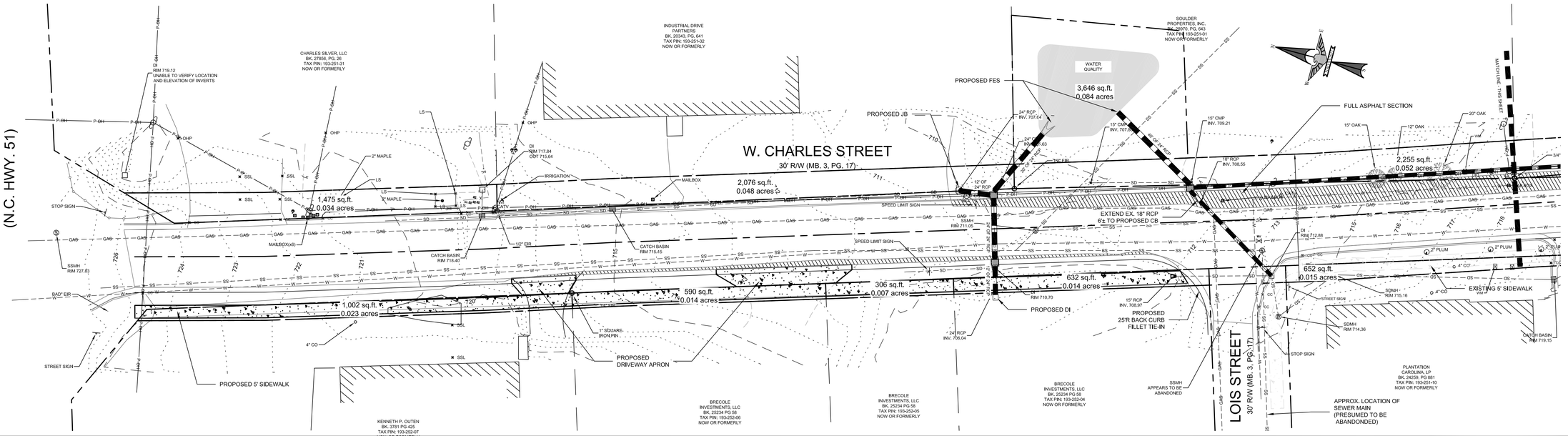
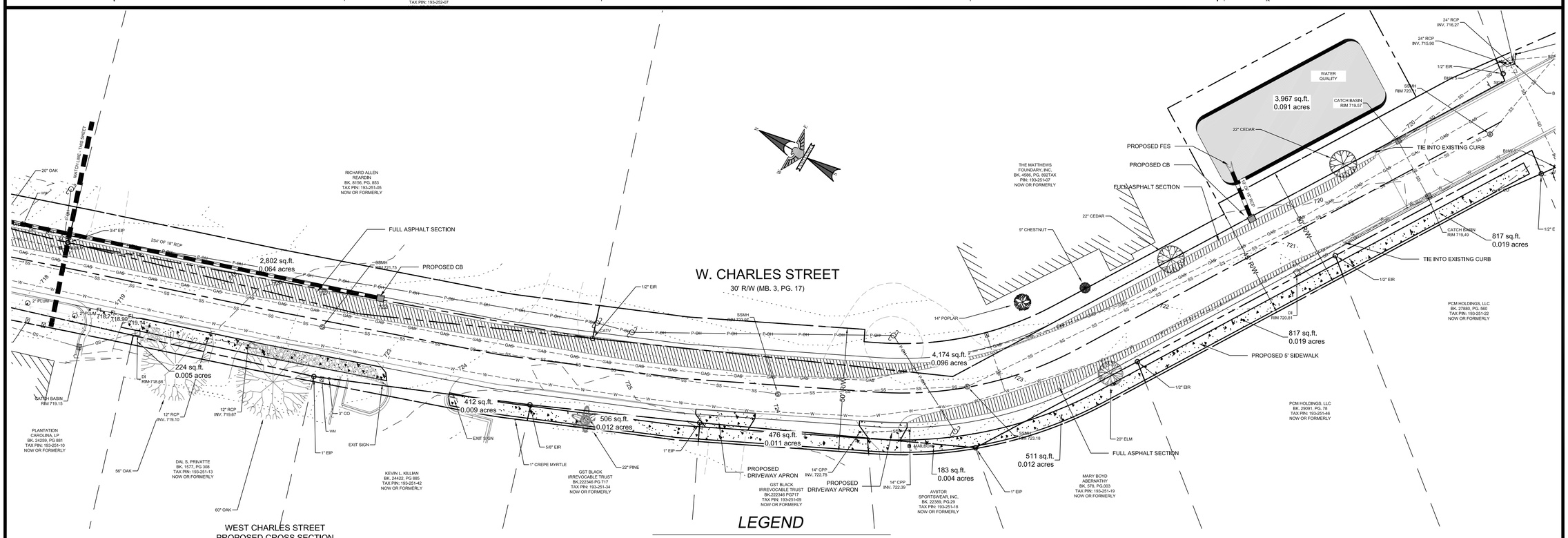
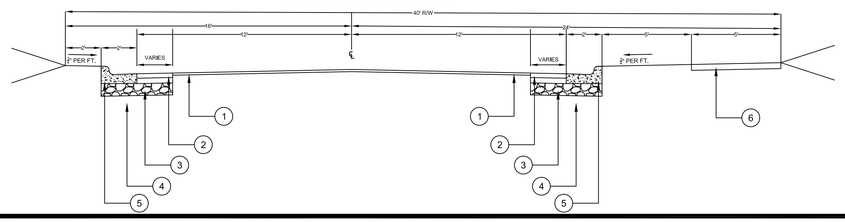




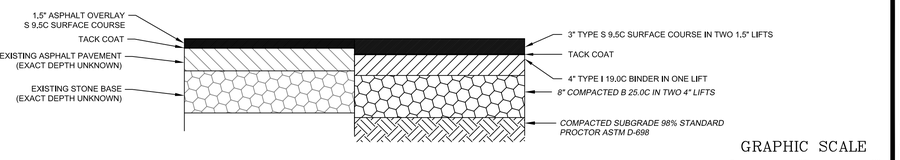
WEST CHARLES STREET
PROPOSED CROSS SECTION



LEGEND

1. *1.5" ASPHALT OVERLAY, TYPE S-9.5C*
2. *3" ASPHALT SURFACE COURSE , TYPE S-9.5C OVER A 4" BINDER COURSE, TYPE I-19.0C AS PER NCDOT HOT MIX ASPHALT QUALITY MANAGEMENT SYSTEM MANUAL.*
3. *8" COMPACTED B-25.0C*
4. *COMPACTED SUBGRADE*
5. *2' STANDARD CURB AND GUTTER*
6. *5'W x 4"D CONCRETE SIDEWALK*

THE ABOVE PAVEMENT SPECIFICATIONS EXCEED THE MINIMUM STANDARDS REQUIRED BY THE N.C.D.O.T., HOWEVER, THE ENGINEER HAS NOT PERFORMED DETAILED ANALYSIS OF SOILS IN THE AREA AND THIS DESIGN IS NOT A WARRANTEE. THE ENGINEER ACCEPTS NO RESPONSIBILITY FOR PAVEMENT FAILURES AND NO GUARANTEES ARE GIVEN.



TRANSITION FROM OVERLAY TO NEW PAVEMENT SECTION
(NOT TO SCALE)

GRAPHIC SCALE
0 20' 40'
(IN FEET)
1 inch = 20 ft.

EAGLE ENGINEERING
P.O. BOX 551
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(704) 882-2723
(704) 539-4640
www.eagleonline.net

NO.	DATE	BY	ISSUE

ROADWAY IMPROVEMENTS
TOWN OF MATTHEWS, NC

TOWN OF MATTHEWS-PUBLIC WORKS
1600 TANK TOWN ROAD
MATTHEWS, NC 28105

WEST CHARLES STREET

DESIGNED BY	DRAWN BY	CHECKED BY	JOB NUMBER
JHR/KEL	KEL	JHR	5194
Scale	DATE		
AS SHOWN	9/17/14		

PRELIMINARY
NOT FOR CONSTRUCTION

Sheet
C–2.1

X:\Land Projects\5251\94 Charles St, Ames St, (Matthews)\dwg\5194_Base Design.dwg, 10/10/2014 3:26:13 PM