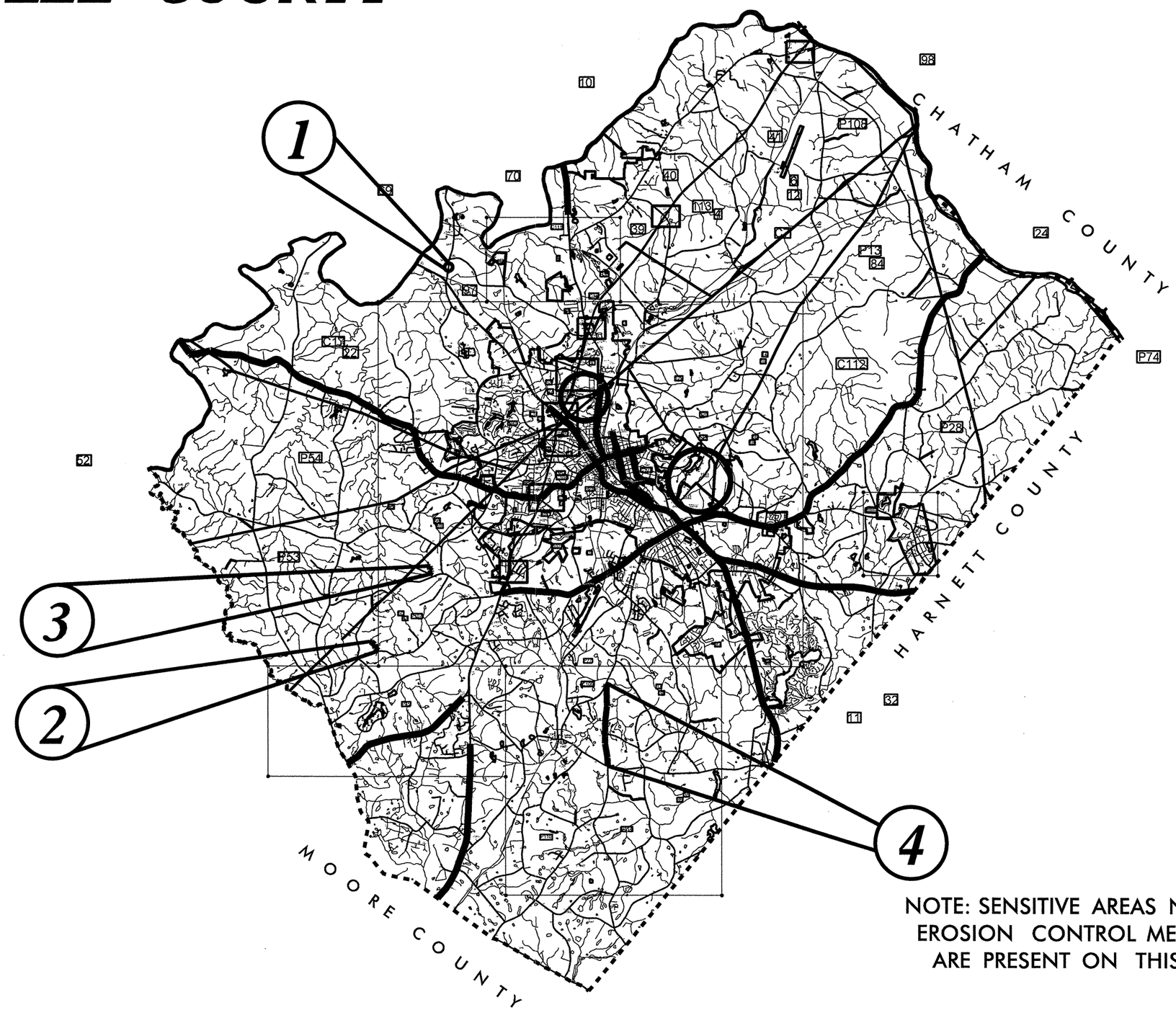
PROJECT REFERENCE NO.	SHEET NO.
8C.053027, 8C.053022, 8C.053024 8CR.20531.17, 30001.38, 8C.063073 8C.063074, 8CR.10631.17, 8CR.20631.17	1

LEE COUNTY



NOTE: SENSITIVE AREAS NEEDING EROSION CONTROL MEASURES ARE PRESENT ON THIS MAP

8/17/99

REVISIONS

$$$$$$$SYSTIME$$$$$$$
$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$
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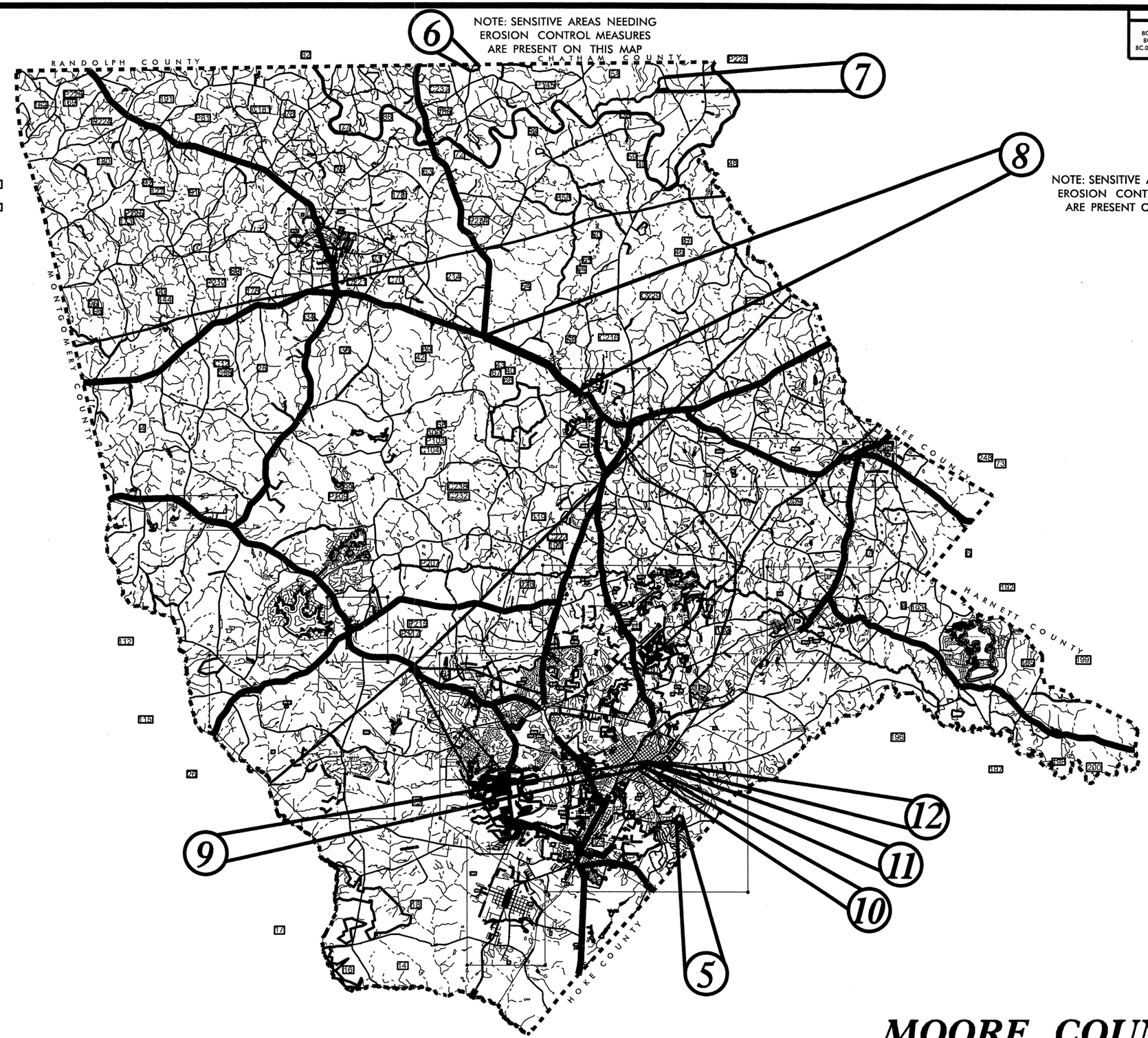
PROJECT REFERENCE NO.	SHEET NO.
8C.053027, 8C.053022, 8C.053024 8CR.20531.17, 30001.38, 8C.063073 8C.063074, 8CR.10631.17, 8CR.20631.17	2

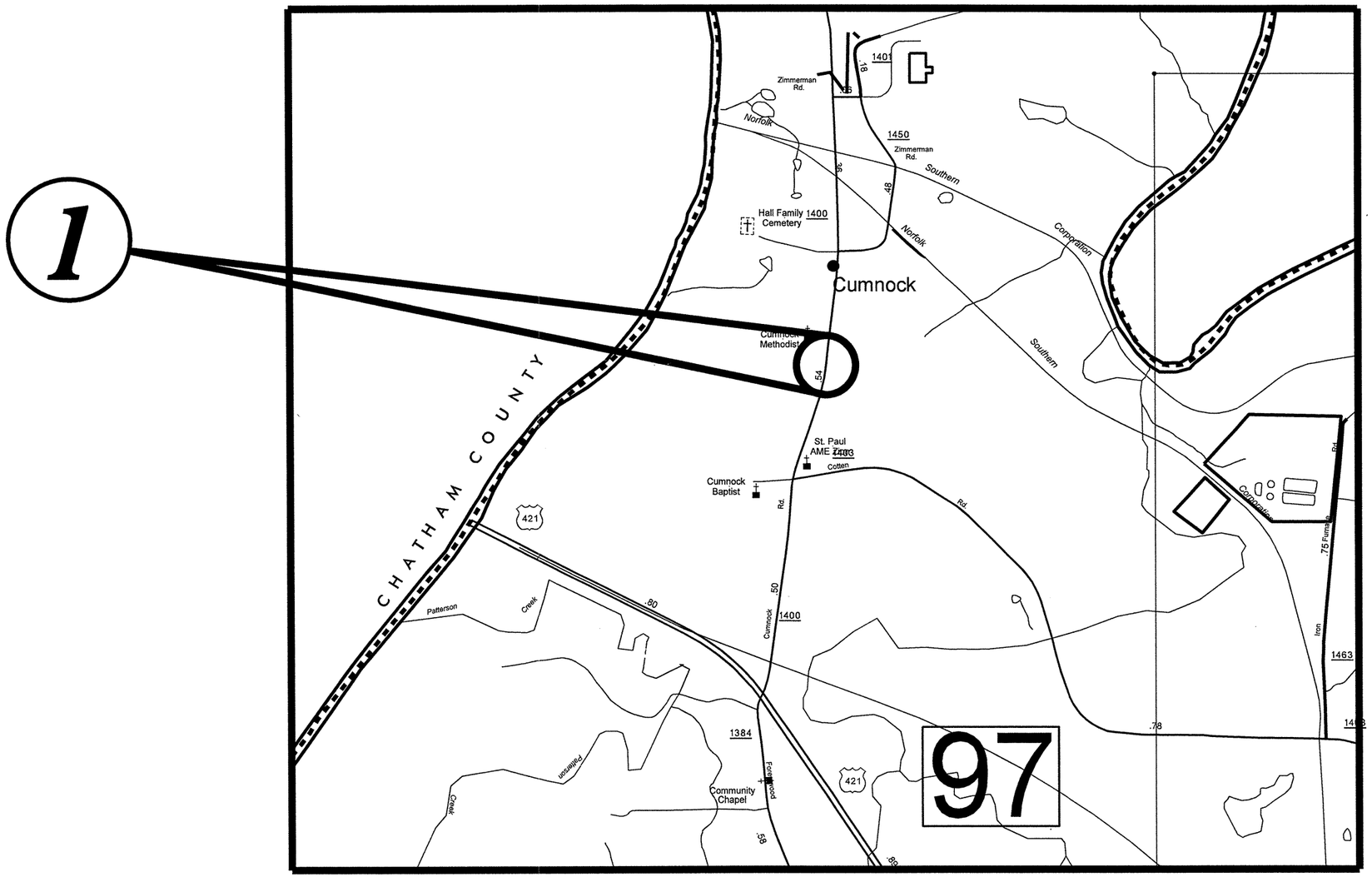


MOORE COUNTY

REVISIONS

8/17/99

PROJECT REFERENCE NO.	SHEET NO.
8C.053027, 8C.053022, 8C.053024 8CR.20531.17, 30001.38, 8C.063073 8C.063074, 8CR.10631.17, 8CR.20631.17	3



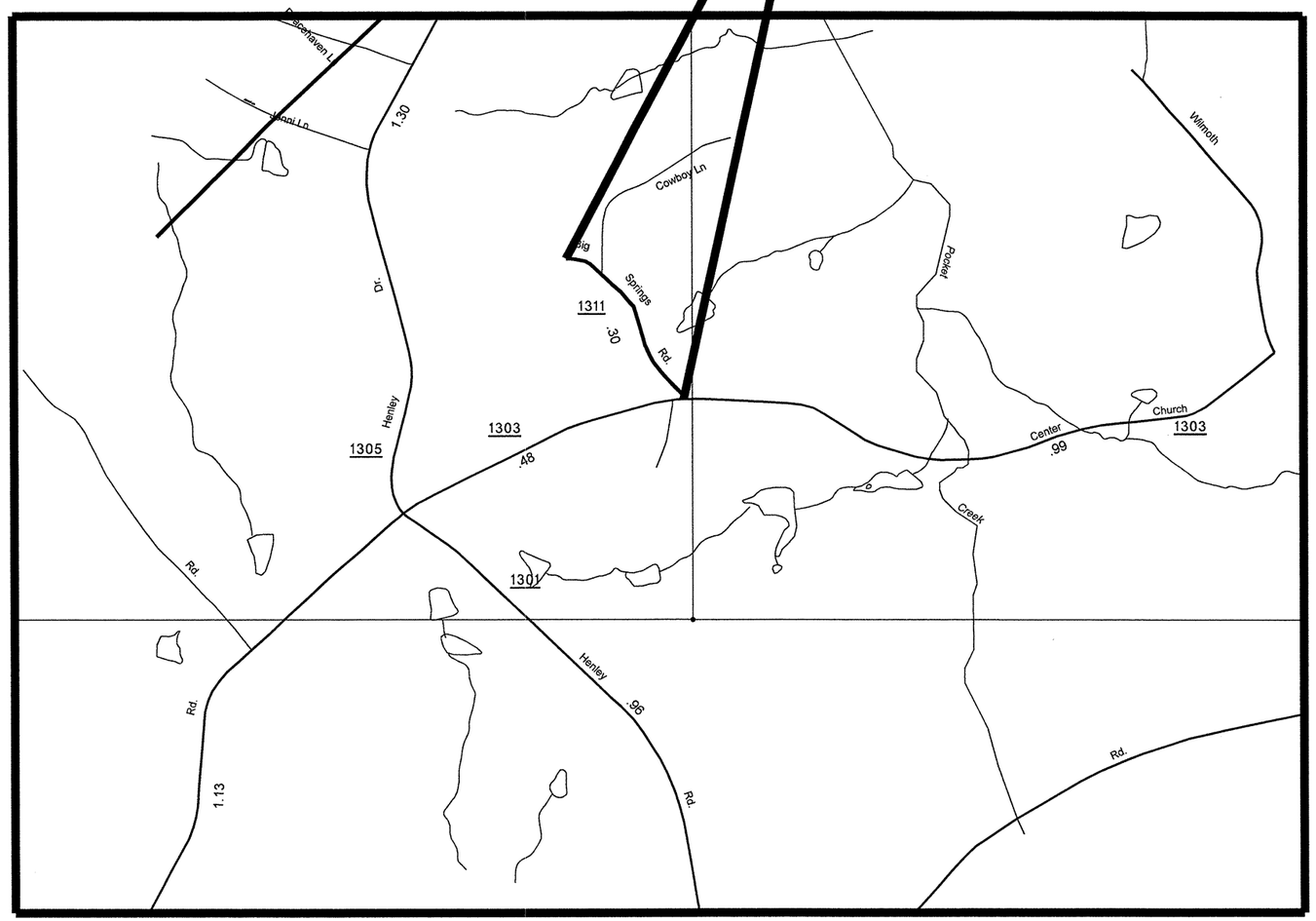
REVISIONS

8/17/99

$$$$$$SYSTIME$$$$$$
$$$$$$CONS$$$$$$
$$$$$$FILENAME$$$$$$

PROJECT REFERENCE NO.	SHEET NO.
8C.053027, 8C.053022, 8C.053024 8CR.20531.17, 30001.38, 8C.063073 8C.063074, 8CR.10631.17, 8CR.20631.17	4

2



REVISIONS

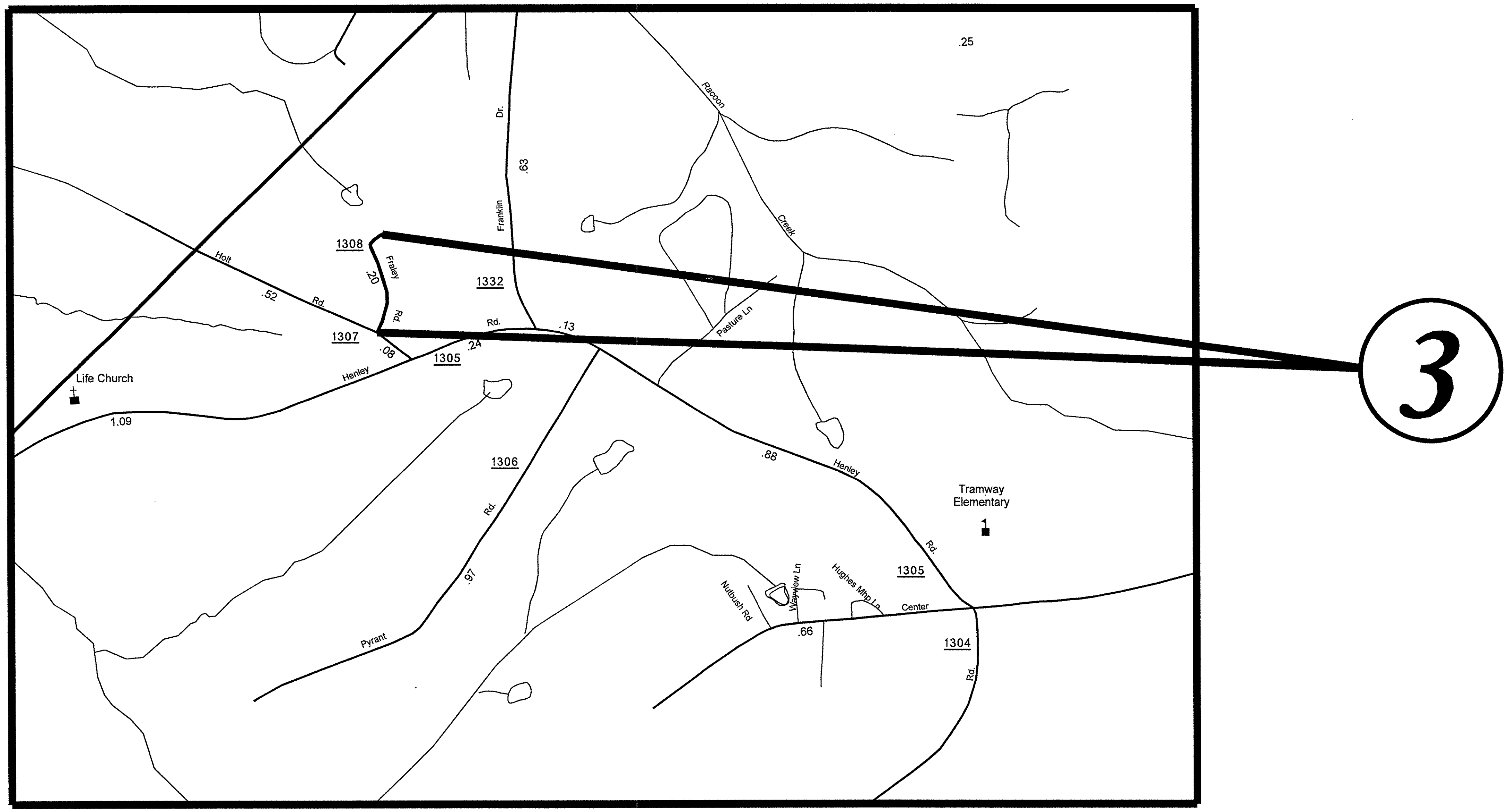
8/17/99

$$$$$$SYSTIME$$$$$
$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$$$FILEPRAME$$$$

PROJECT REFERENCE NO.	SHEET NO.
8C.053027, 8C.053022, 8C.053024 8CR.20531.17, 30001.38, 8C.063073 8C.063074, 8CR.10631.17, 8CR.20631.17	5

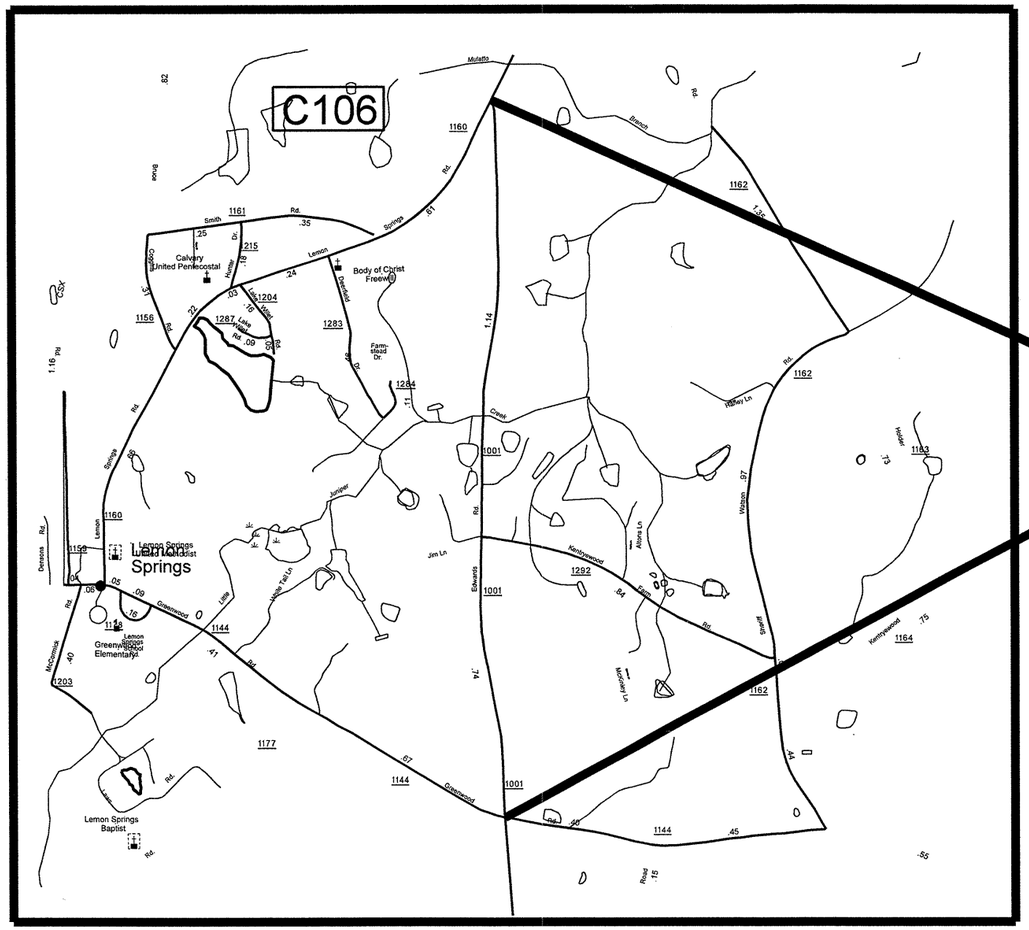
8/17/99

REVISIONS



$$$$$$SYSTIME$$$$$
$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$
$$$$$USERNAME$$$$

PROJECT REFERENCE NO.	SHEET NO.
8C.053027, 8C.053022, 8C.053024 8CR.20531.17, 30001.38, 8C.063073 8C.063074, 8CR.10631.17, 8CR.20631.17	6



4

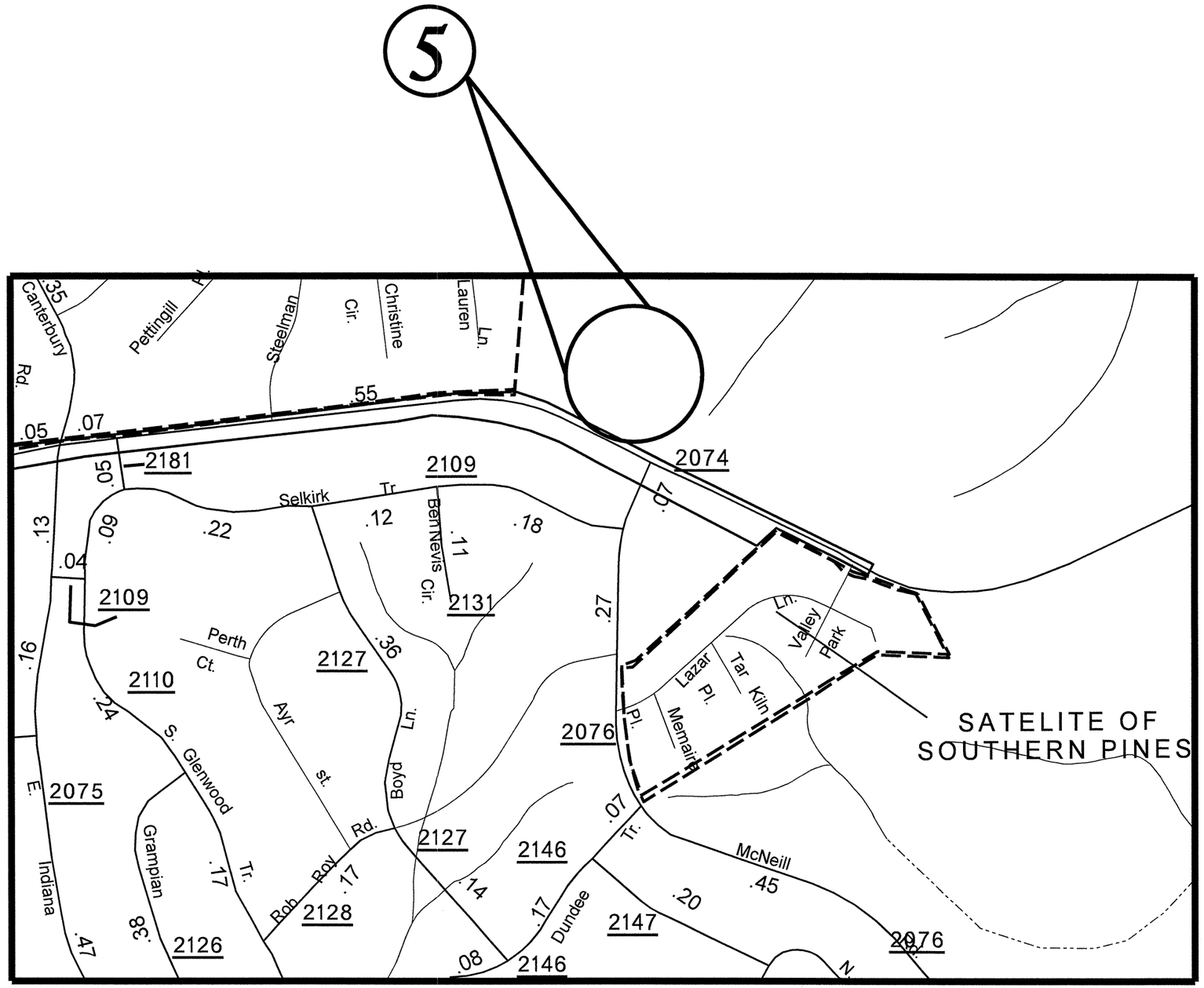
NOTE: SENSITIVE AREAS NEEDING EROSION CONTROL MEASURES ARE PRESENT ON THIS MAP

REVISIONS

8/17/99

$$$$$SYSTIME$$$$$
$$$$$TIME$$$$$
$$$$$ENGINEER$$$$$

PROJECT REFERENCE NO.	SHEET NO.
8C.053027, 8C.053022, 8C.053024 8CR.20531.17, 30001.38, 8C.063073 8C.063074, 8CR.10631.17, 8CR.20631.17	7

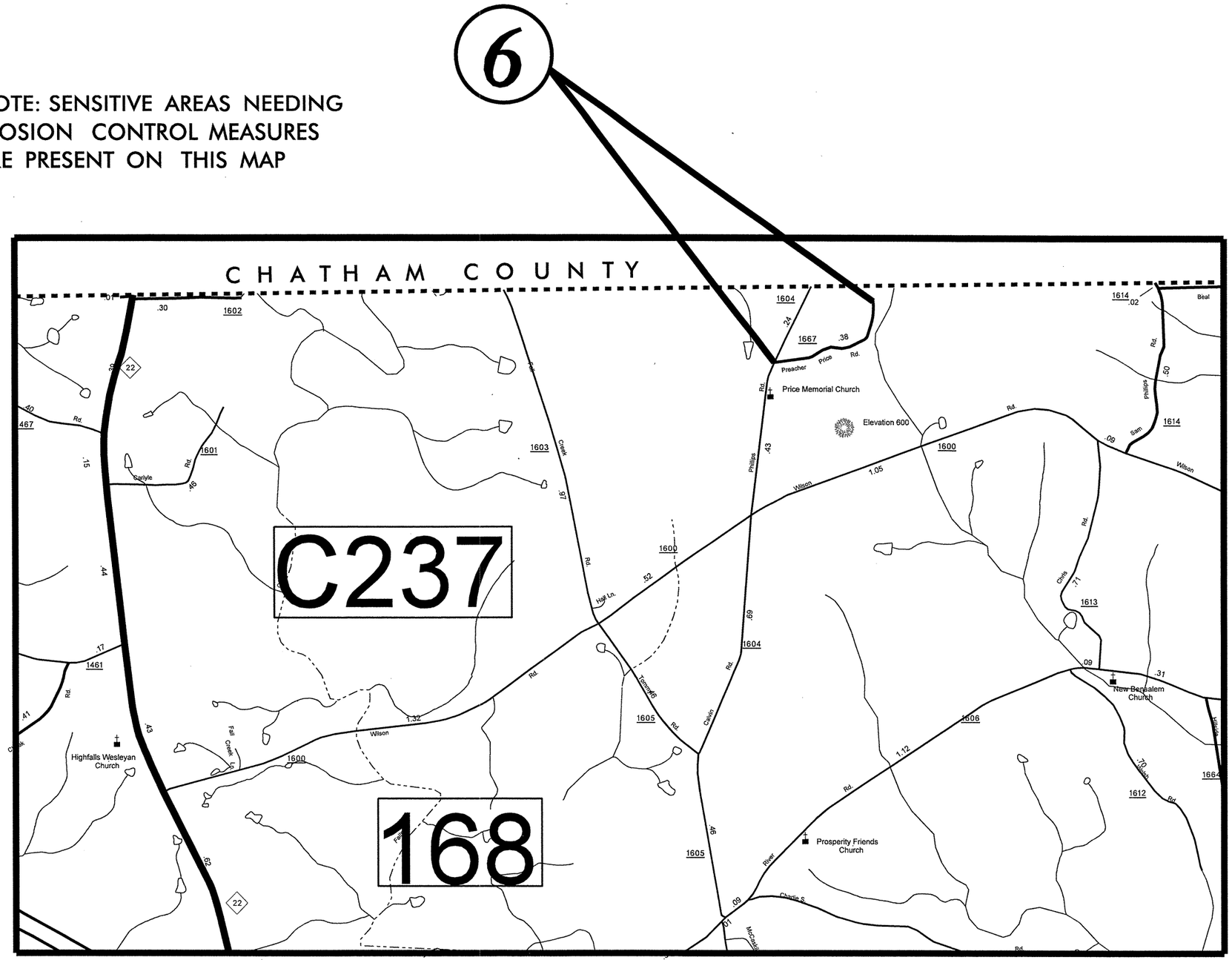


REVISIONS

8/17/99

PROJECT REFERENCE NO.	SHEET NO.
8C.053027, 8C.053022, 8C.053024 8CR.20531.17, 30001.38, 8C.063073 8C.063074, 8CR.10631.17, 8CR.20631.17	8

NOTE: SENSITIVE AREAS NEEDING EROSION CONTROL MEASURES ARE PRESENT ON THIS MAP



REVISIONS

8/17/99

$$$$$SYSTIME$$$$$
$$$$$USERNAME$$$$$

PROJECT REFERENCE NO.	SHEET NO.
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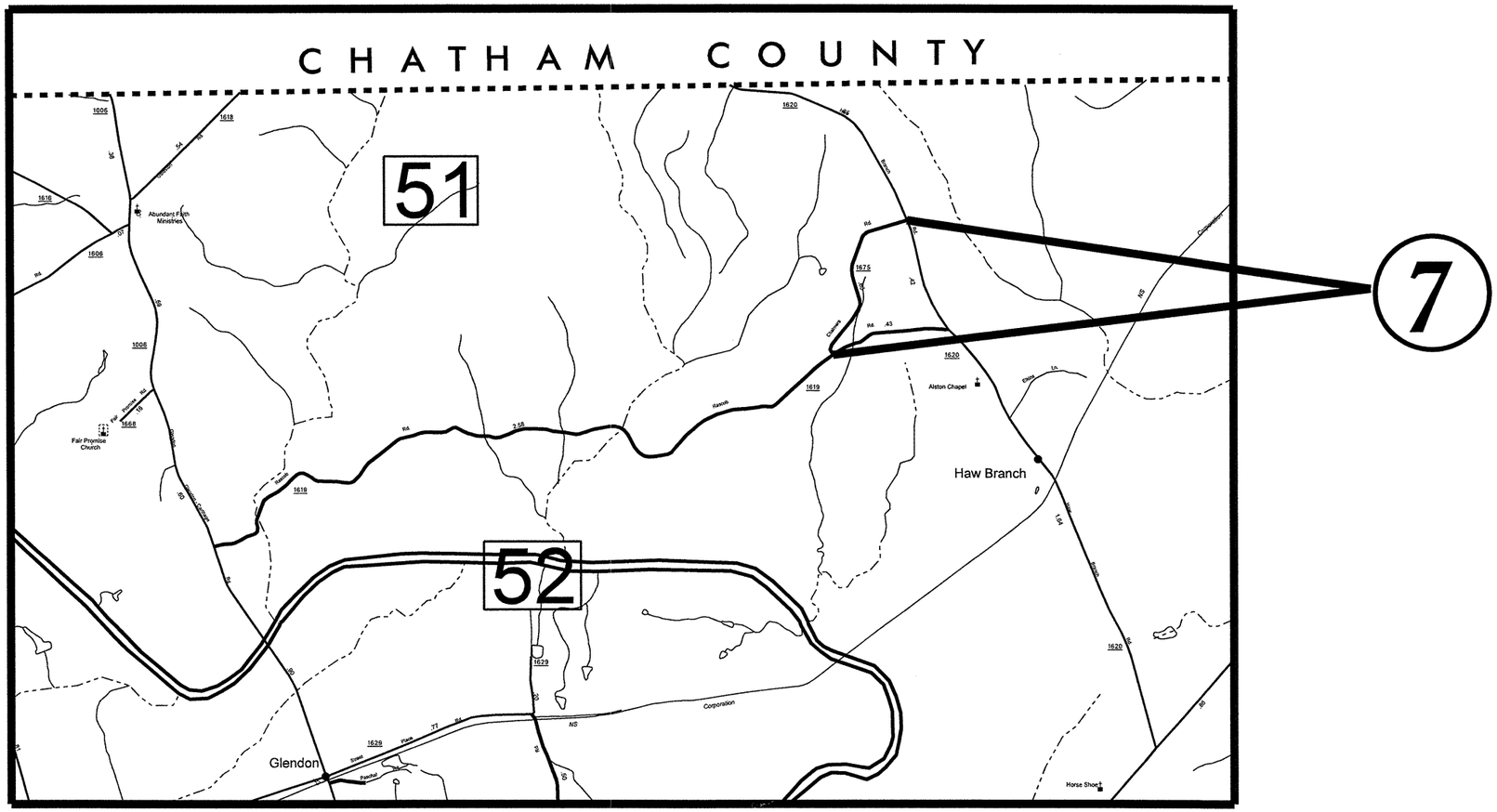


REVISIONS

8/17/99

$$$$SYSTIME$$$$
$$$$DGN$$$$

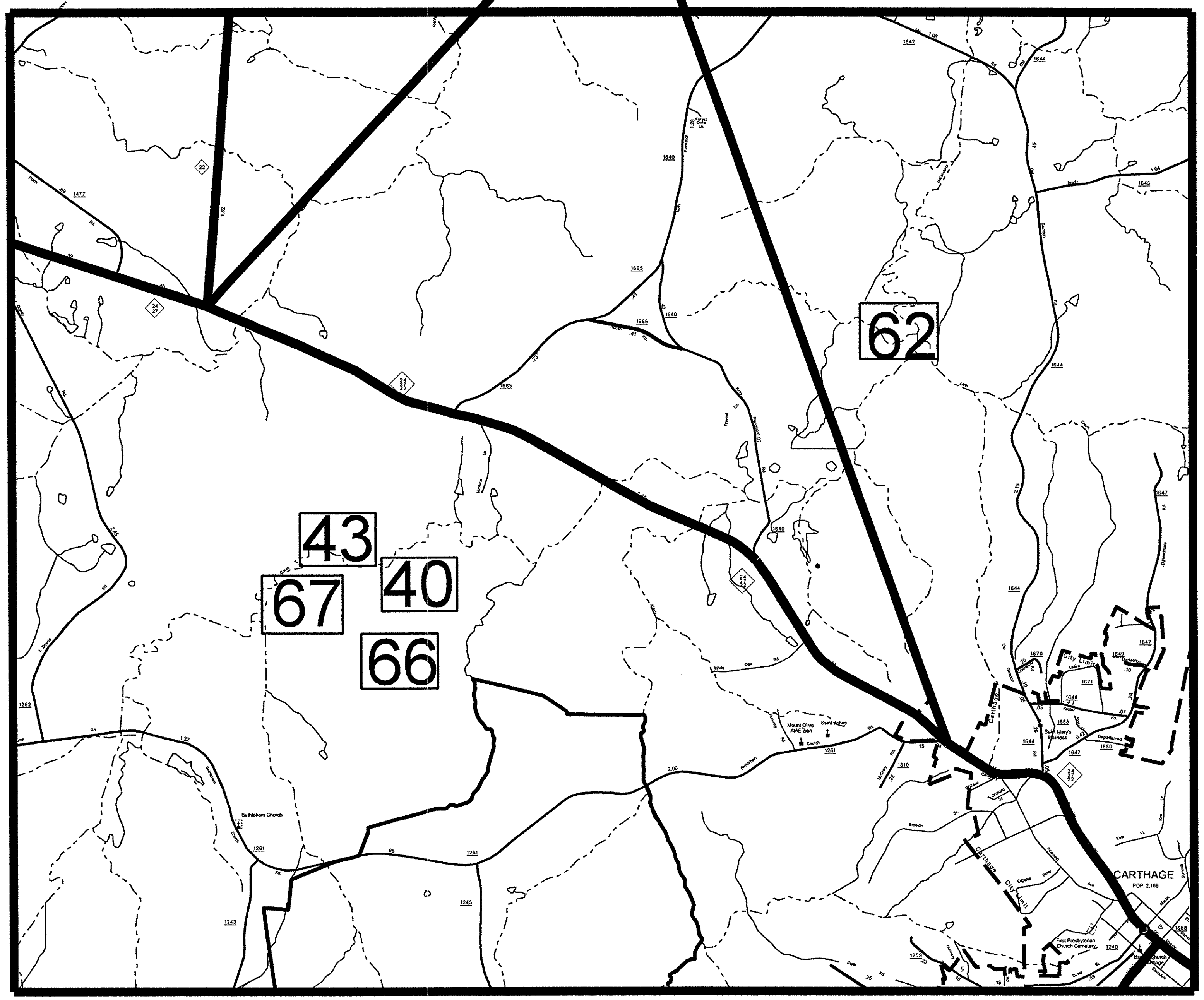
PROJECT REFERENCE NO.	SHEET NO.
8C.053027, 8C.053022, 8C.053024 8CR.20531.17, 30001.38, 8C.063073 8C.063074, 8CR.10631.17, 8CR.20631.17	10

8/17/99

REVISIONS

8

NOTE: SENSITIVE AREAS NEEDING
EROSION CONTROL MEASURES
ARE PRESENT ON THIS MAP



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PROJECT REFERENCE NO.	SHEET NO.
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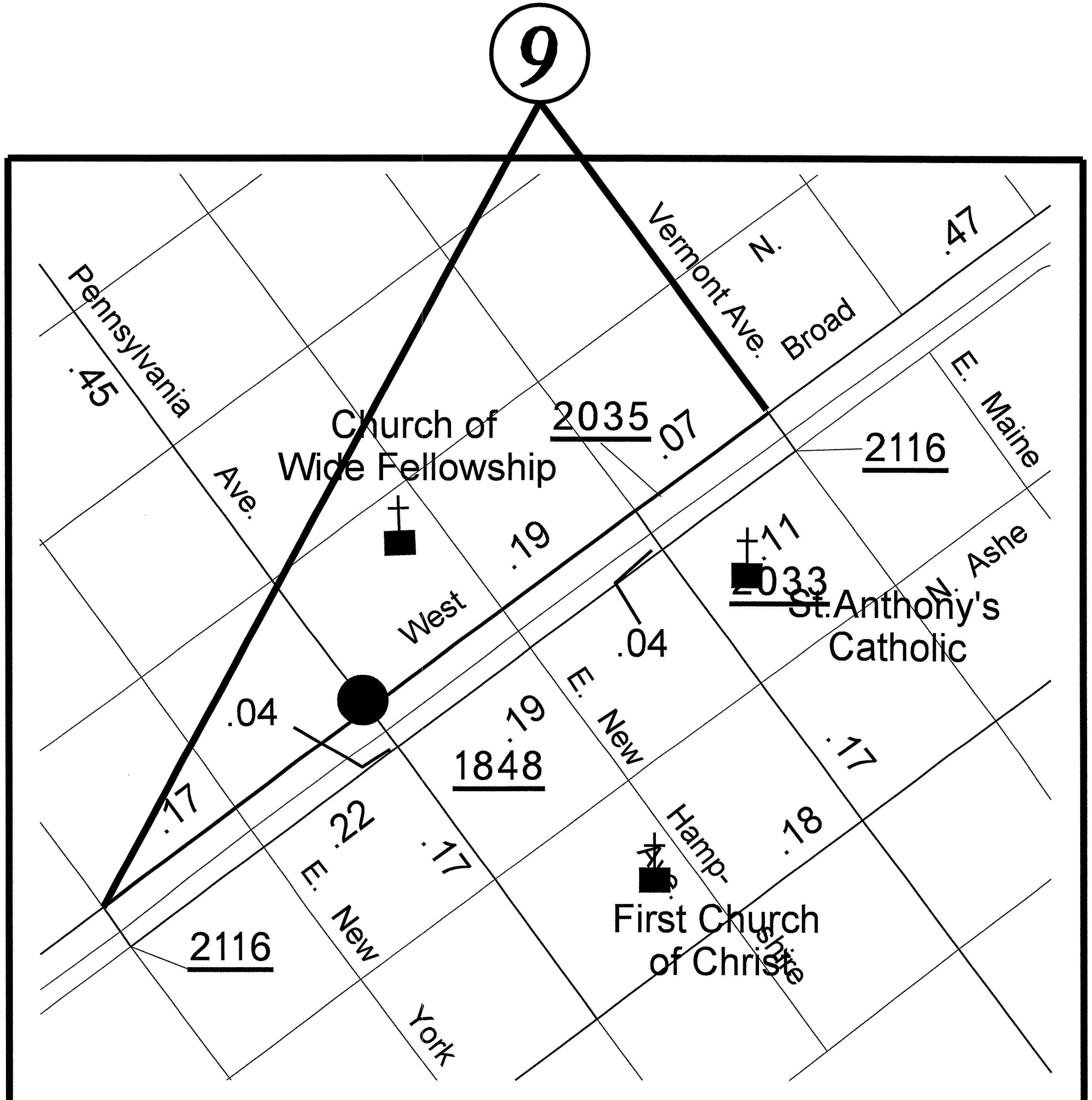
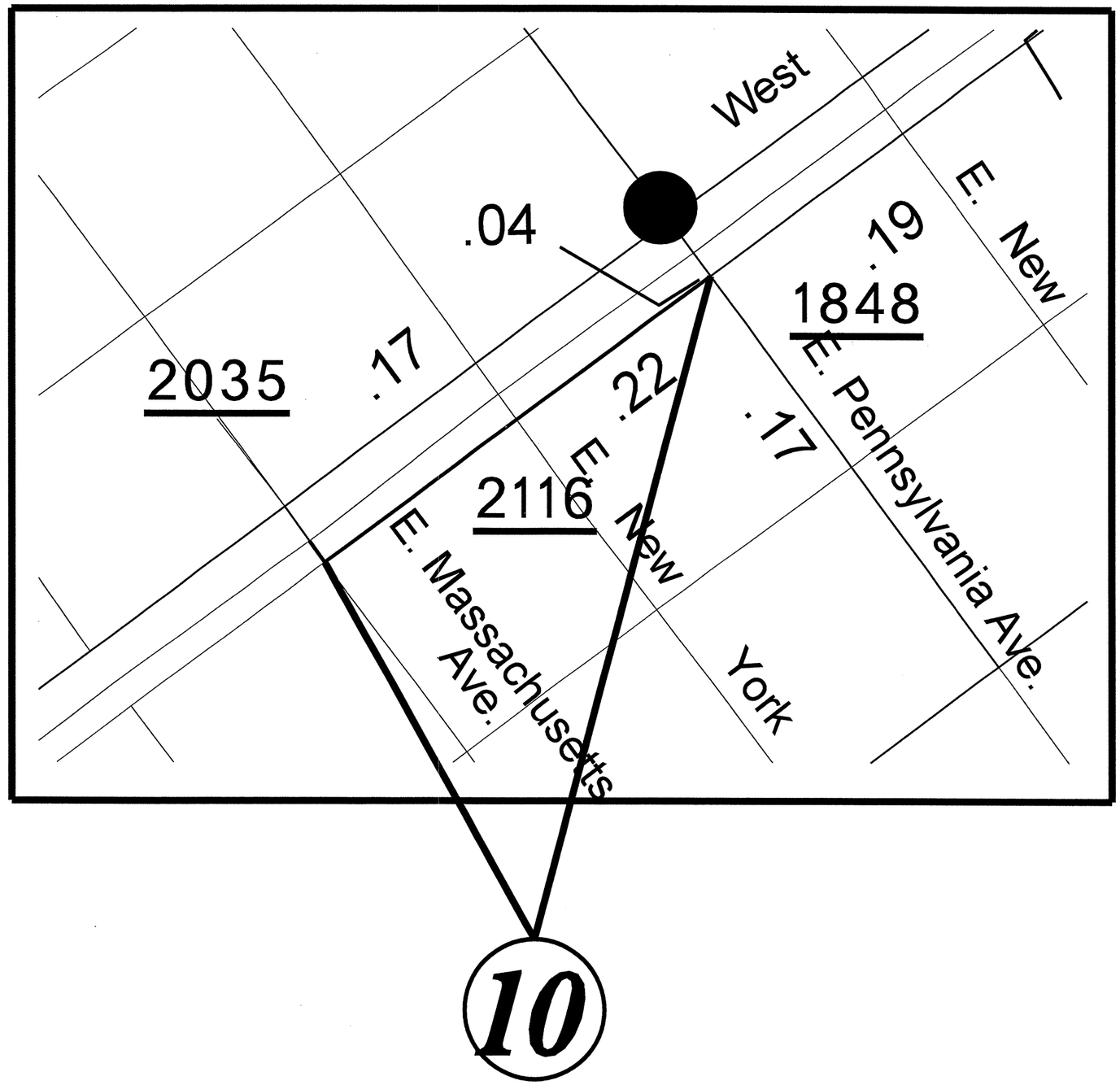


8/17/99

REVISIONS

$$$$$SYSTIME$$$$$
$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$$

PROJECT REFERENCE NO.	SHEET NO.
8C.053027, 8C.053022, 8C.053024 8CR.20531.17, 30001.38, 8C.063073 8C.063074, 8CR.10631.17, 8CR.20631.17	12



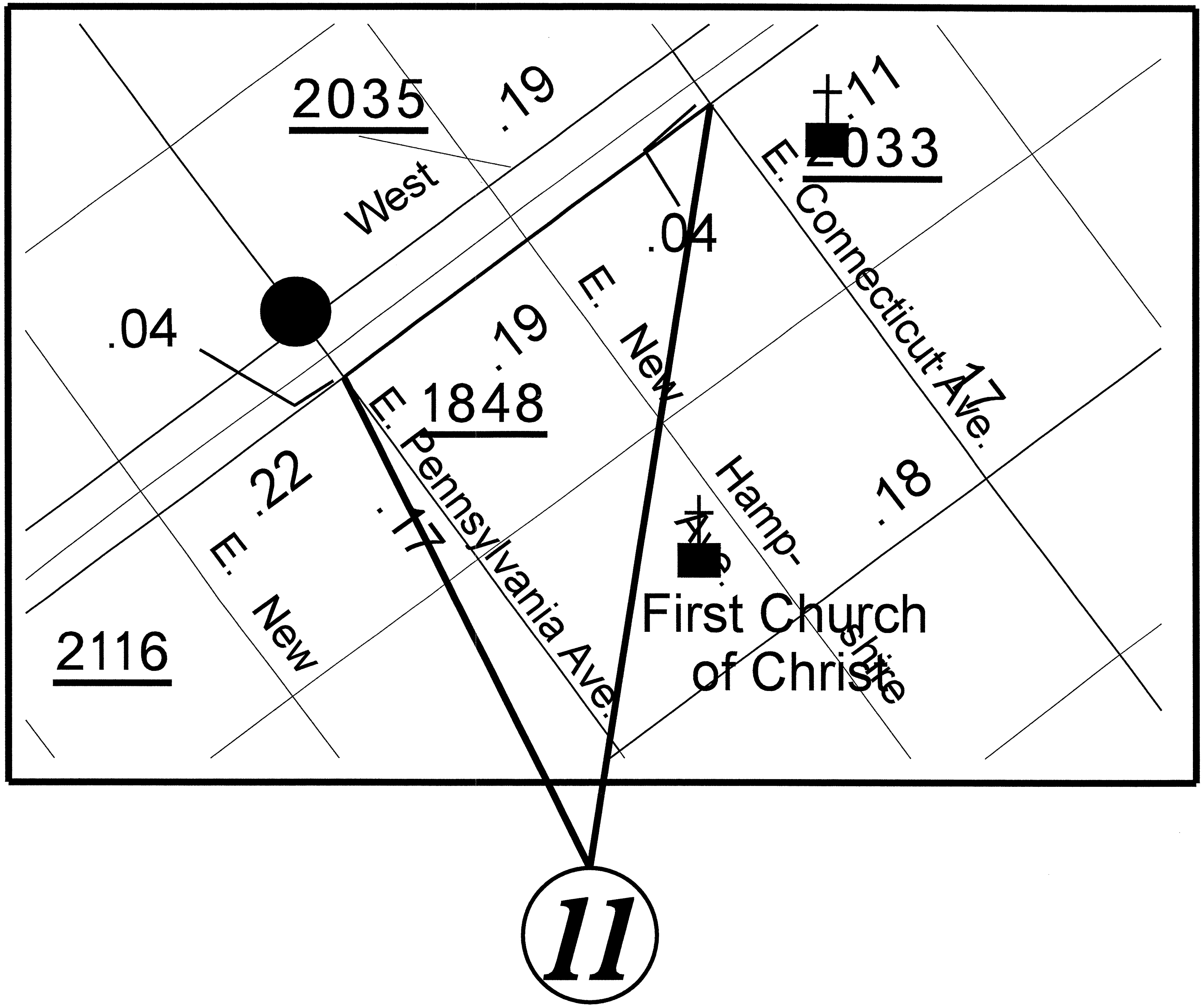
REVISIONS

8/17/99

PROJECT REFERENCE NO.	SHEET NO.
8C.053027, 8C.053022, 8C.053024 8CR.20531.17, 30001.38, 8C.063073 8C.063074, 8CR.10631.17, 8CR.20631.17	13

8/17/99

REVISIONS

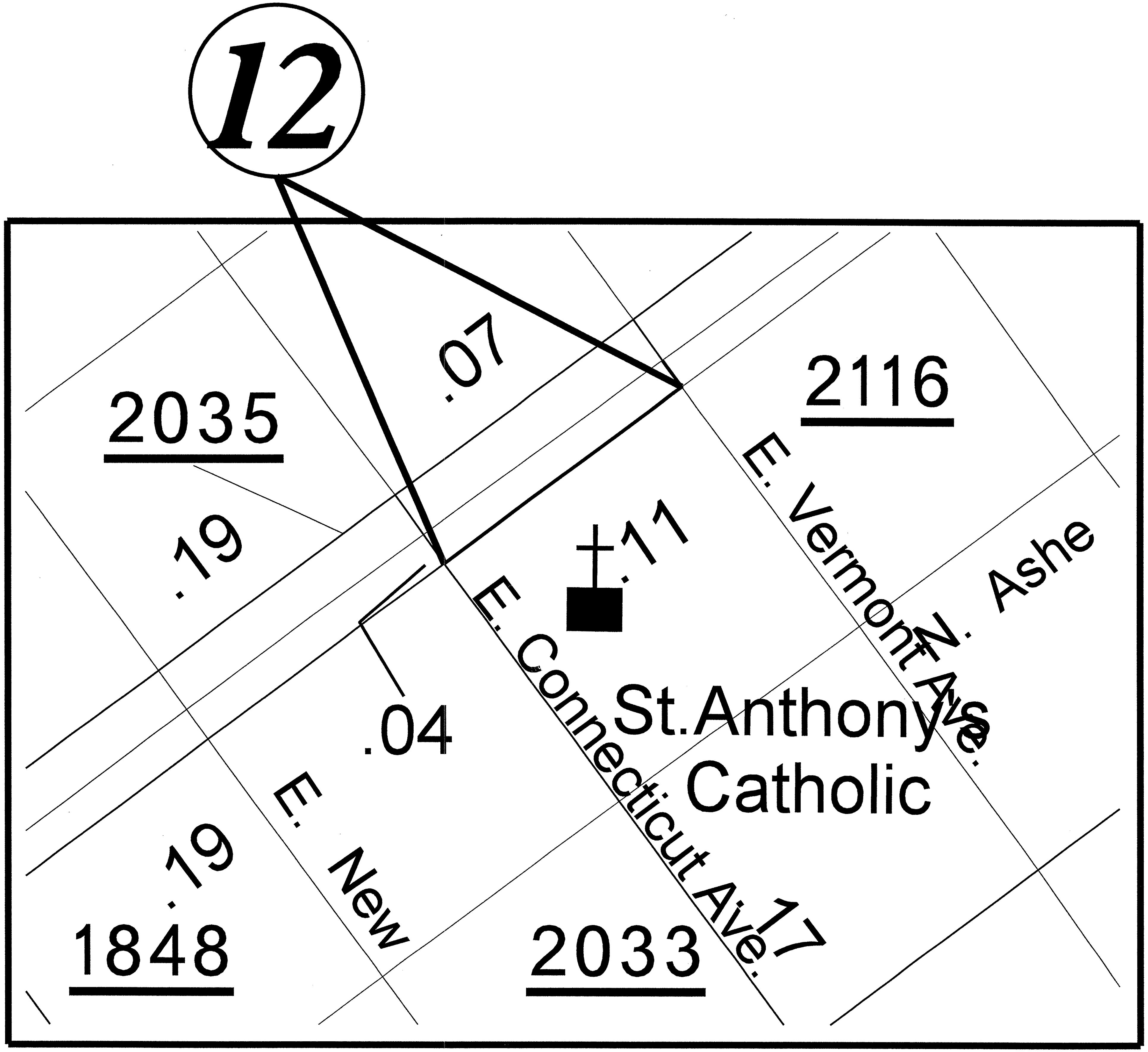


$$$$$ YSTIME$$$$$
$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

PROJECT REFERENCE NO.	SHEET NO.
8C.053027, 8C.053022, 8C.053024 8CR.20531.17, 30001.38, 8C.063073 8C.063074, 8CR.10631.17, 8CR.20631.17	14

8/17/99

REVISIONS



$$$$$$SYSTIME$$$$$
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PROJECT REFERENCE NO.	SHEET NO.
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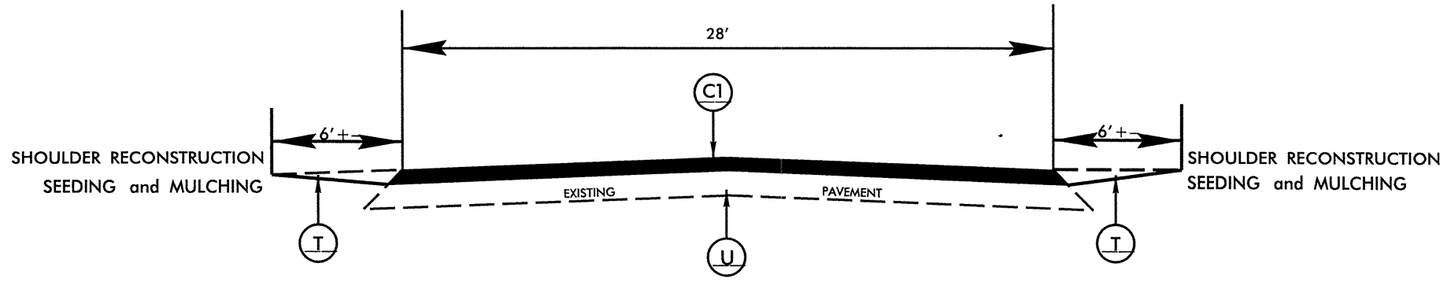
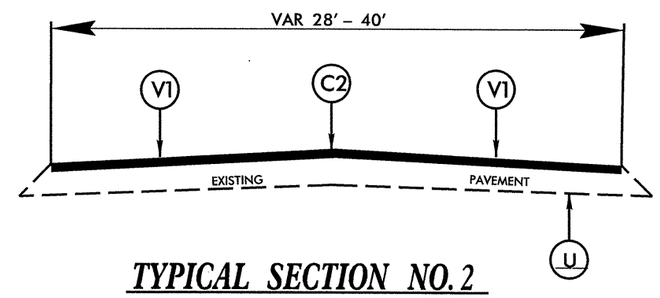


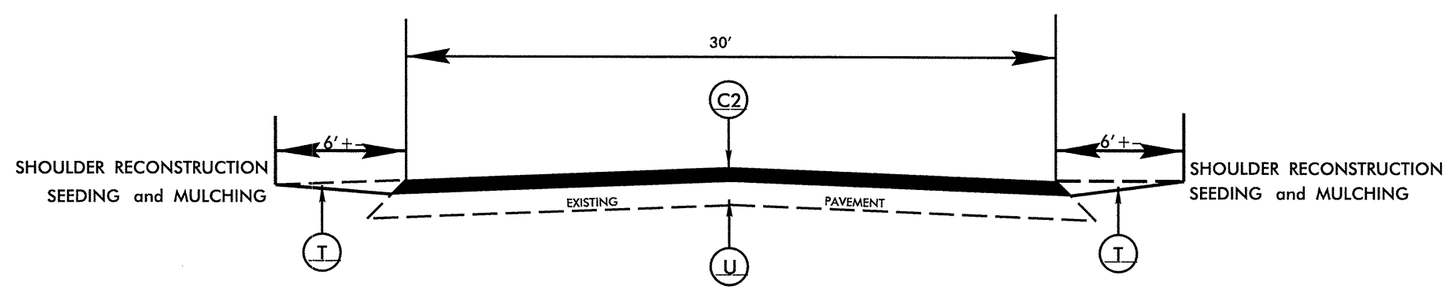
TYPICAL SECTION NO. 1

PAVEMENT SCHEDULE

C1	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
V1	MILL EXISTING PAVEMENT 1.5"
T	EARTH MATERIAL
U	EXISTING PAVEMENT



TYPICAL SECTION NO. 2



TYPICAL SECTION NO. 3

8/17/99

REVISIONS

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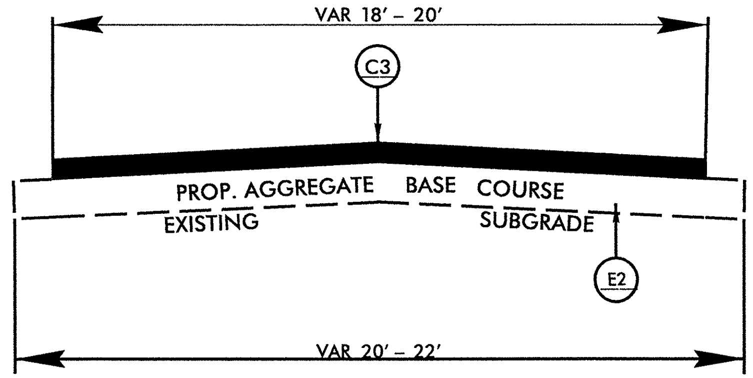
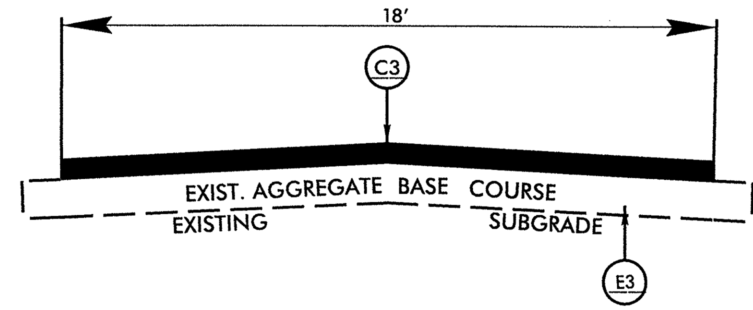
$$$$$$USERNAME$$$$$$
$$$$$$DGNFILE$$$$$$

8/17/99
REVISIONS

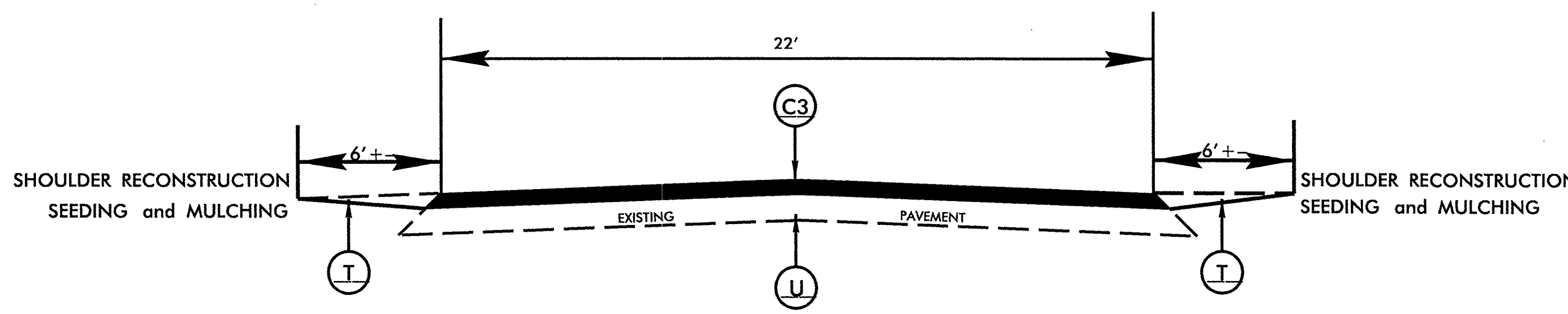


TYPICAL SECTION NO. 4

NOTE: SR 1667 18' ASPHALT 20' ABC
NOTE: SR 1675 20' ASPHALT 22' ABC



TYPICAL SECTION NO. 5



TYPICAL SECTION NO. 6

PAVEMENT SCHEDULE	
C3	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YD.
E2	8" AGGREGATE BASE COURSE
E3	CONDITION EXISTING ABC
T	EARTH MATERIAL
U	EXISTING PAVEMENT

$$$$$$SYSTIME$$$$$
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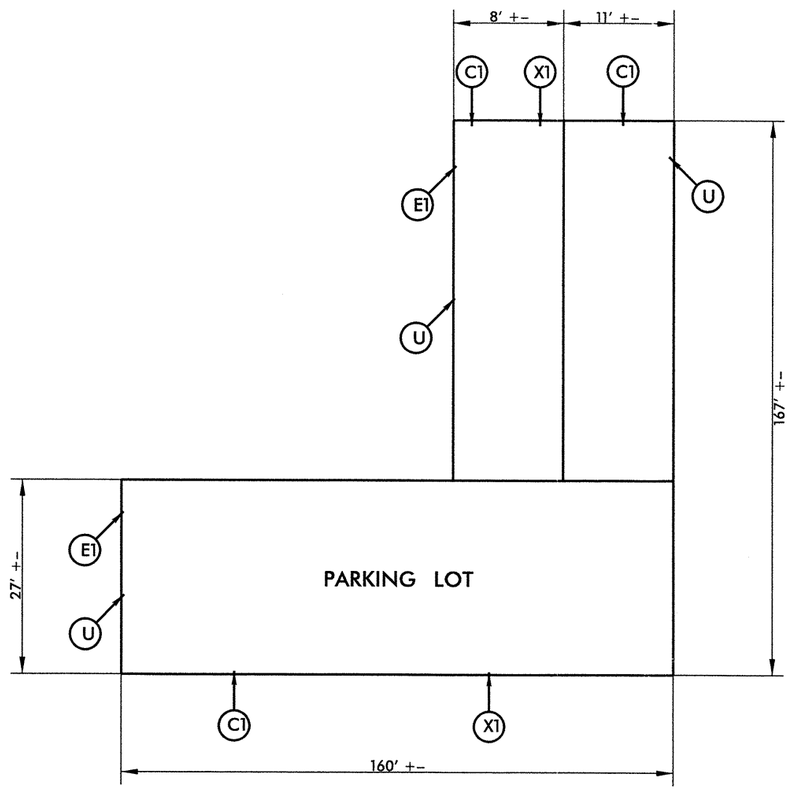
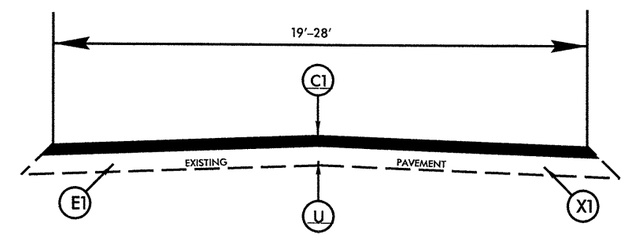
$$$$$USERNAME$$$$

PROJECT REFERENCE NO.	SHEET NO.
8C.053027, 8C.053022, 8C.053024 8CR.20531.17, 30001.38, 8C.063073 8C.063074, 8CR.10631.17, 8CR.20631.17	17



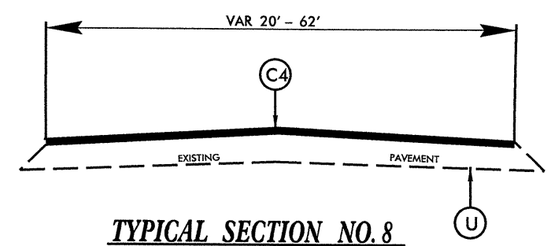
PARKING LOT DETAIL
USE WITH TYPICAL #7



TYPICAL SECTION NO. 7

NOTE: INCIDENTAL MILL TO TIE TO EXISTING ROADWAY

NOTE: SEE DRAWING (LEFT) FOR OF PAVEMENT REMOVAL LOCATIONS USE ASPHALT BASE COURSE ON PAVEMENT REMOVAL LOCATIONS.



TYPICAL SECTION NO. 8

NOTE: PAVE INTO CURB and GUTTER AND STRIPE PARKING LOT

PAVEMENT SCHEDULE

C1	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C4	PROP. APPROX. 1.0" ASPHALT CONC. SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
X1	REMOVE EXISTING PAVEMENT
E1	PROP. APPROX. 5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 570 LBS. PER SQ.YD.
U	EXISTING PAVEMENT

REVISIONS

8/17/99

$$$$$$$SYSTIME$$$$$$
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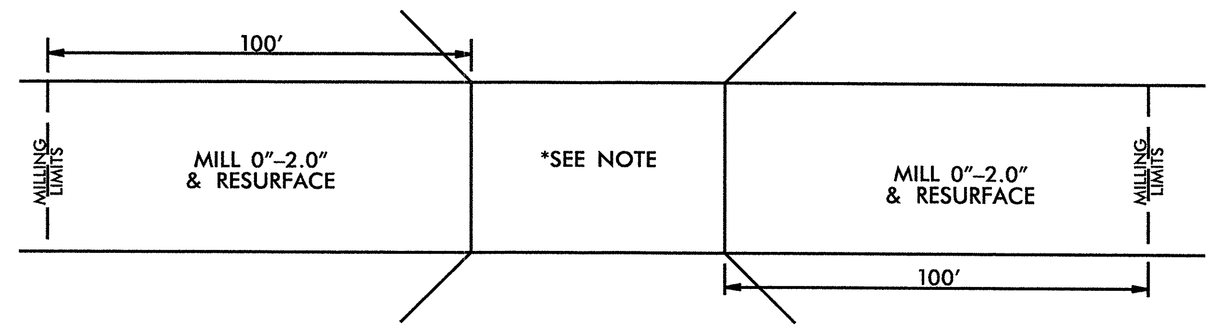
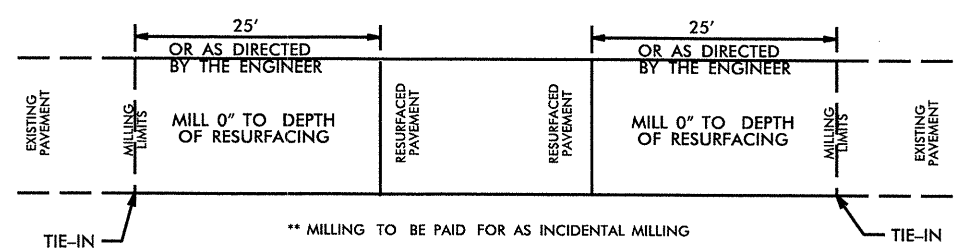
$$



BRIDGE MILLING FOR MAP #8

*NOTE: BRIDGE NO. 40 and NO. 54 MILL and PAVE
BRIDGE NO. 43 DO NOT PAVE



PAVEMENT TIE–IN DETAIL

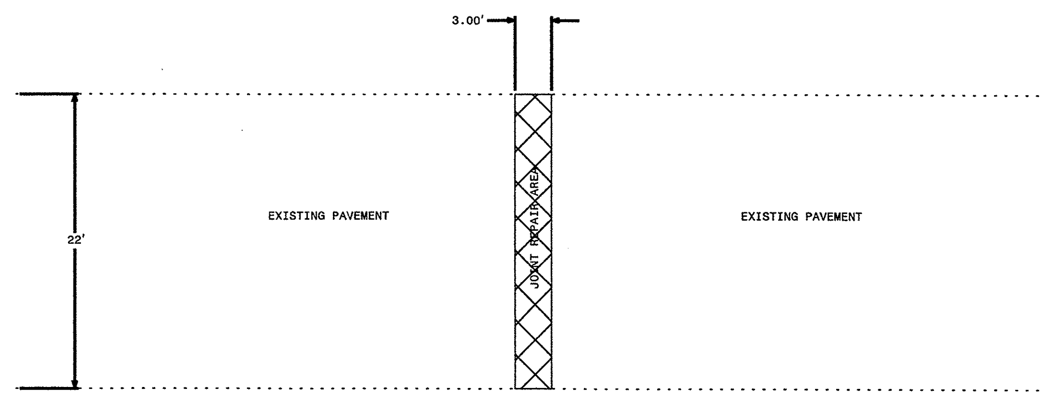
5/28/99

$$$$$$SYSTIME$$$$$
$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

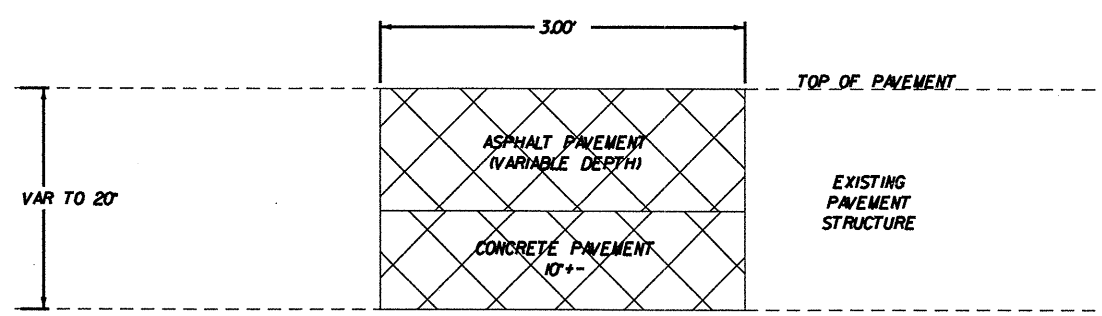
PROJECT REFERENCE NO.	SHEET NO.
8C.053027, 8C.053022, 8C.053024 8CR.20531.17, 30001.38, 8C.063073 8C.063074, 8CR.10631.17, 8CR.20631.17	19

5/28/99

JOINT REPAIR DETAIL



CROSS-SECTION



NOTE:
REMOVE ASPHALT AND CONCRETE AT JOINT LOCATIONS AS
DIRECTED BY THE ENGINEER (BY SAWING OR MILLING CLEAN JOINTS).
REMOVE A TOTAL WIDTH OF 3' (APPROX. 1.5' EACH SIDE OF JOINT).
REMOVE AND REPLACE WITH ASPHALT CONCRETE BASE COURSE, TYPE B25.0B.
THERE WILL BE NO DIRECT PAY FOR THIS WORK AS IT WILL BE CONSIDERED
INCIDENTAL TO TO THE LINE ITEM, JOINT REPAIR (TONNAGE)

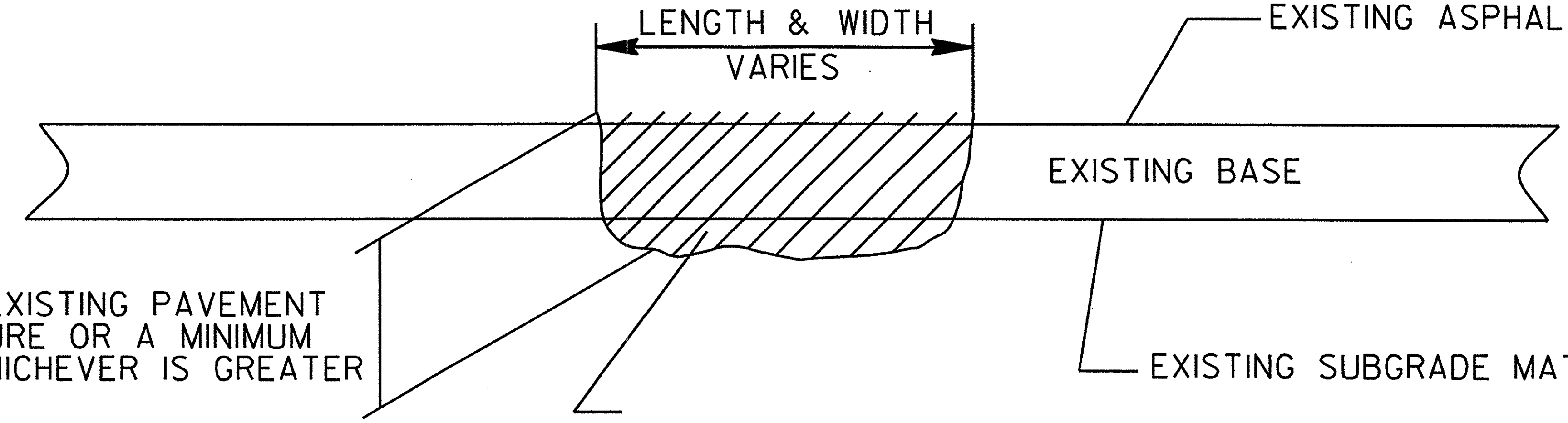
$$$$$$SYSTIME$$$$$
$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

PROJECT REFERENCE NO.	SHEET NO.
8C.053027, 8C.053022, 8C.053024 8CR.20531.17, 30001.38, 8C.063073 8C.063074, 8CR.10631.17, 8CR.20631.17	20

5/28/99

DETAILS OF PATCHING EXISTING PAVEMENT PRIOR TO RESURFACING

DETAIL



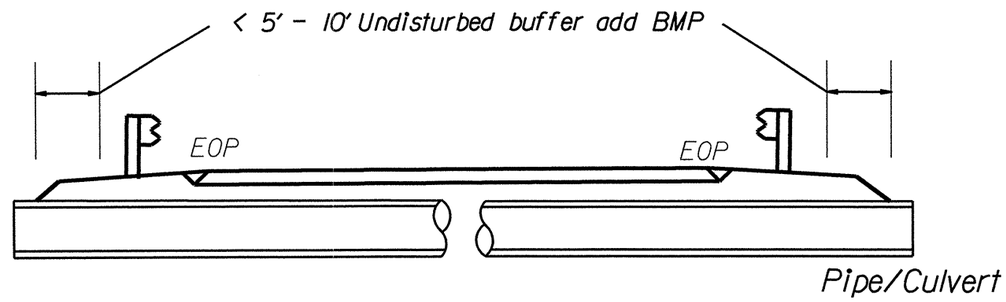
$$$$$SYSTIME$$$$$
$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

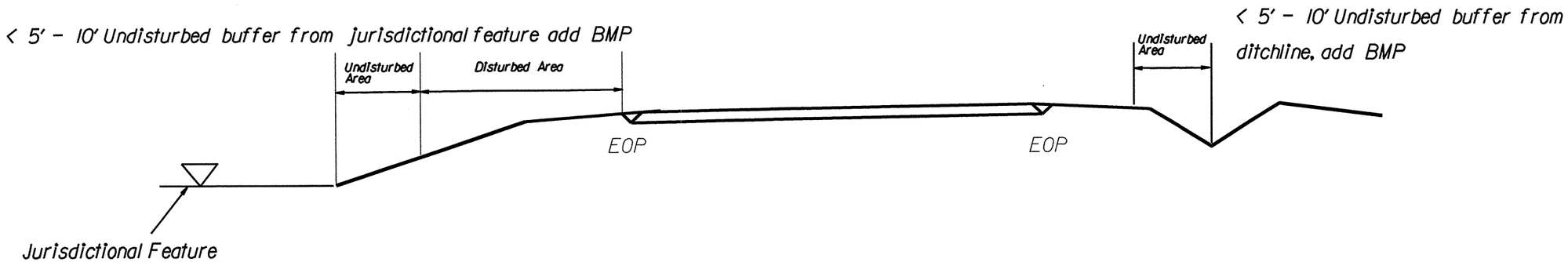
PROJECT REFERENCE NO.	SHEET NO.
8C.053027, 8C.053022, 8C.053024 8CR.20531.17, 30001.38, 8C.063073 8C.063074, 8CR.10631.17, 8CR.20631.17	21

EROSION CONTROL DETAIL

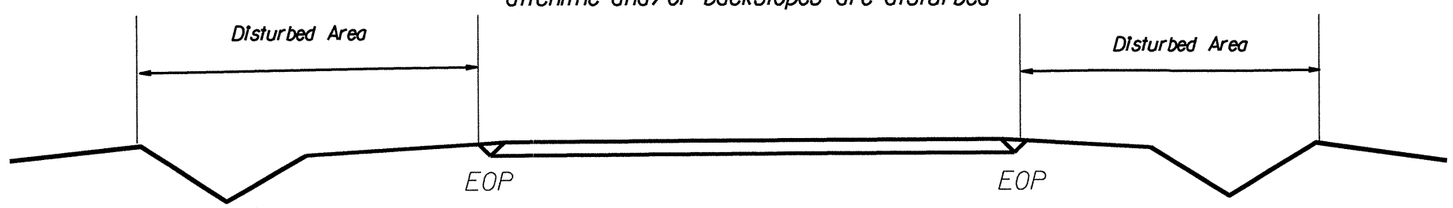
NOTES: Less than 5' - 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP.

BMP Options: Wattle or Silt Fence

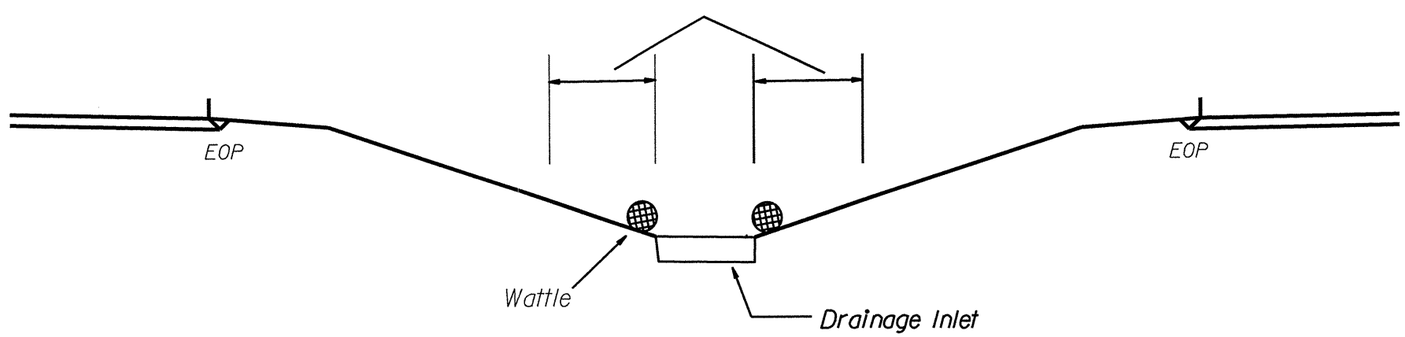




Use BMP's if shoulders and/or frontslopes and/or ditchline and/or backslopes are disturbed

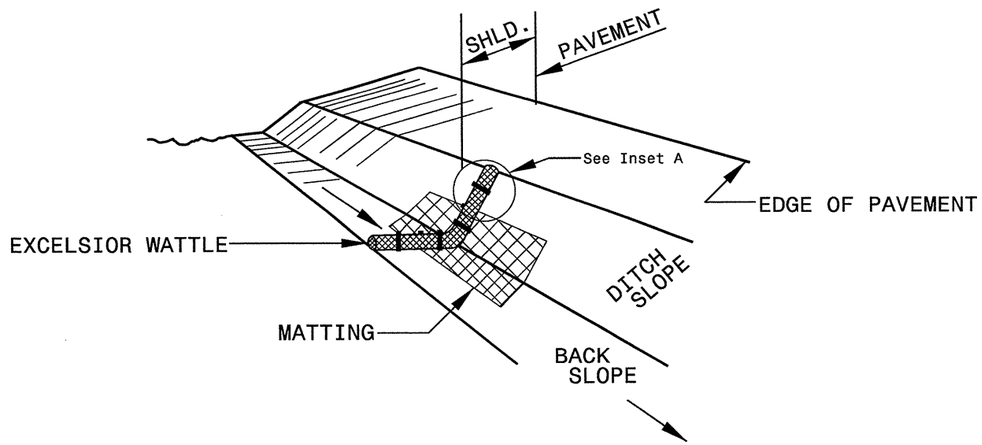


< 5' - 10' Undisturbed buffer from inlet, add wattle

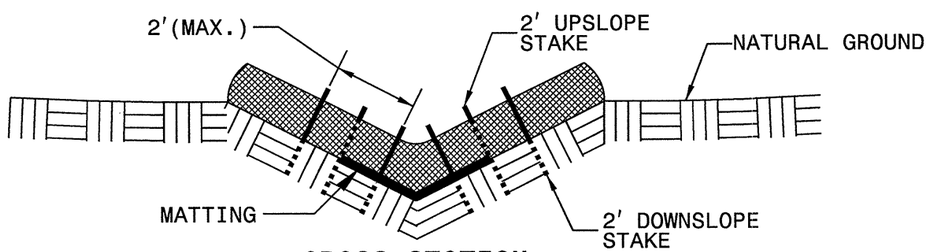


NOT TO SCALE

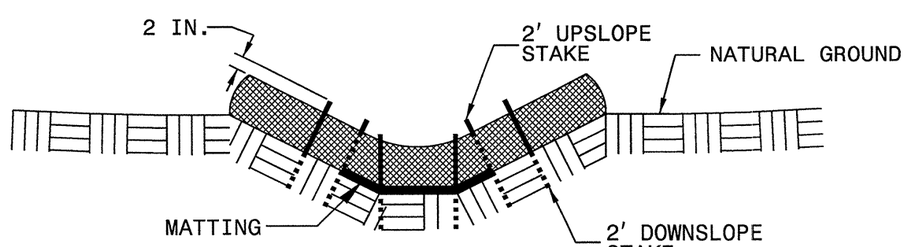
WATTLE DETAIL



ISOMETRIC VIEW



CROSS SECTION VEE DITCH



CROSS SECTION TRAPEZOIDAL DITCH

NOTES:

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.

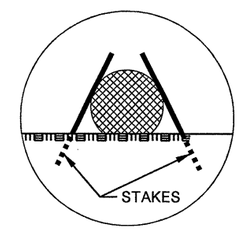
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.

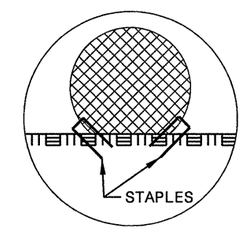
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

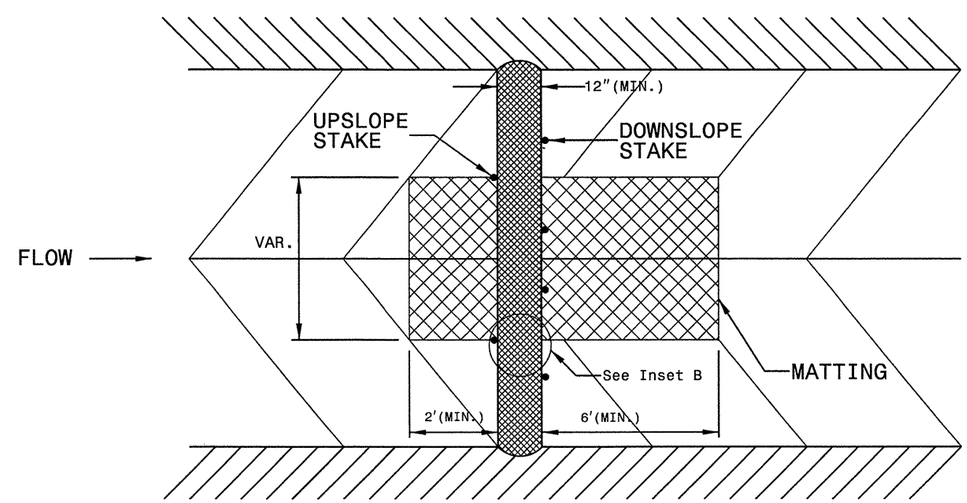
INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.



INSET A



INSET B



TOP VIEW

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	FINAL SURFACE TESTING REQUIRED	LENGTH MI	WIDTH FT	BORROW CY	REMOVAL EXISTING ASPHALT PAVEMENT SY	AGGREGATE BASE COURSE TONS	CONDITIONING EXISTING BASE MSY	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SMI	1½" MILLING SY	0" TO 2" MILLING SY	INCIDENTAL MILLING SY	BASE COURSE, B25.0B TONS	SURFACE COURSE, S9.5B TONS
8C.053027	Lee	1	SR 1400	NORTHVIEW FIRE DEPARTMENT	7	NO	0.057	19		650.00							75	200	100
TOTAL FOR PROJ NO. 8C.053027							**0.057**			**650.00**							**75**	**200**	**100**
8C.053022	Lee	2	SR 1311	FROM SR 1303 TO END OF CONSTRUCTION	5	NO	0.32	18				3.80							
TOTAL FOR PROJ NO. 8C.053022							**0.32**					**3.80**							
8C.053024	Lee	3	SR 1308	FROM SR 1307 TO CUL-DE-SAC	5	NO	0.44	18				5.16							
TOTAL FOR PROJ NO. 8C.053024							**0.44**					**5.16**							
8CR.20531.17	Lee	4	SR 1001	FROM SR 1144 TO SR 1160	6	NO	1.856	22	75				100	3.71			185		
TOTAL FOR PROJ NO. 8CR.20531.17							**1.856**		**75**				**100**	**3.71**			**185**		
30001.38	Moore	5	WEYMOUTH WOODS ROAD AND PARKING LOT	FROM SR 2074	8	NO	0.246	20											
TOTAL FOR PROJ NO. 30001.38							**0.246**												
8C.063073	Moore	6	SR 1667	FROM SR 1604 TO END OF CONSTRUCTION	4	NO	0.197	18			1,150								
TOTAL FOR PROJ NO. 8C.063073							**0.197**				**1,150**								
8C.063074	Moore	7	SR 1675	FROM SR 1619 TO SR 1620	4	NO	0.44	20			2,830								
TOTAL FOR PROJ NO. 8C.063074							**0.44**				**2,830**								
8CR.10631.17	Moore	8	NC 24/27	FROM NC 22 TO SR 1261	1	NO	3.754	28	150				185	7.60		850	470		7,435
TOTAL FOR PROJ NO. 8CR.10631.17							**3.754**		**150**				**185**	**7.60**		**850**	**470**		**7,435**
8CR.20631.17	Moore	9	SR 2035	FROM CONSTRUCTION JOINT TO SR 2116	2	NO	0.485	30							8,500		1,390		
		10	SR 2116	FROM CONSTRUCTION JOINT AT MASSACHUSETTS AVE. TO E. PENNSYLVANIA AVE..	2	NO	0.195	28							3,800		225		
		11	SR 2116	FROM E. PENNSYLVANIA AVE. TO E. CONNECTICUT AVE.	2	NO	0.189	40							5,000		225		
		12	SR 2116	FROM E. CONNECTICUT AVE TO E. VERMONT AVE.	3	NO	0.095	30	4					0.19			75		
TOTAL FOR PROJ NO. 8CR.20631.17							**0.964**		**4**					**0.19**	**17,300**		**1,915**		
GRAND TOTAL							**8.274**		**229**	**650.00**	**3,980**	**8.96**	**285**	**11.50**	**17,300**	**850**	**2,645**	**200**	**7,535**

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	FINAL SURFACE TESTING REQUIRED	LENGTH MI	WIDTH FT	SURFACE COURSE, SF9.5A TON	ASPHALT BINDER FOR PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS	GENERIC PAVING ITEM-JOINT REPAIR TON	ADJUST OF MANHOLES EA	ADJUST METER OR VALVE BOX EA	TEMPORARY SILT FENCE LF	EROSION CONTROL STONE, CLASS B TON	SEDIMENT CONTROL STONE TON	WATTLE LF	SEED & MULCHING AC
8.053027	Lee	1	SR 1400	NORTHVIEW FIRE DEPARTMENT	7	NO	0.057	19		15	25								
TOTAL FOR PROJ NO. 8C.053027							**0.057**			**15**	**25**								
8C.053022	Lee	2	SR 1311	FROM SR 1303 TO END OF CONSTRUCTION	5	NO	0.32	18	414	28									
TOTAL FOR PROJ NO. 8C.053022							**0.32**		**414**	**28**									
8C.053024	Lee	3	SR 1308	FROM SR 1307 TO CUL-DE-SAC	5	NO	0.44	18	568	38									
TOTAL FOR PROJ NO. 8C.053024							**0.44**		**568**	**38**									
8CR.20531.17	Lee	4	SR 1001	FROM SR 1144 TO SR 1160	6	NO	1.856	22	2,990	200	180				190			30	2.70
TOTAL FOR PROJ NO. 8CR.20531.17							**1.856**		**2,990**	**200**	**180**				**190**			**30**	**2.70**
30001.38	Moore	5	WEYMOUTH WOODS ROAD AND PARKING LOT	FROM SR 2074	8	NO	0.246	20	250	17	5								
TOTAL FOR PROJ NO. 30001.38							**0.246**		**250**	**17**	**5**								
8C.063073	Moore	6	SR 1667	FROM SR 1604 TO END OF CONSTRUCTION	4	NO	0.197	18	255	17					100			50	
TOTAL FOR PROJ NO. 8C.063073							**0.197**		**255**	**17**					**100**			**50**	
8C.063074	Moore	7	SR 1675	FROM SR 1619 TO SR 1620	4	NO	0.44	20	630	42									
TOTAL FOR PROJ NO. 8C.063074							**0.44**		**630**	**42**									
8CR.10631.17	Moore	8	NC 24/27	FROM NC 22 TO SR 1261	1	NO	3.754	28		446	380	450.00			375	95	95	60	5.51
TOTAL FOR PROJ NO. 8CR.10631.17							**3.754**			**446**	**380**	**450.00**			**375**	**95**	**95**	**60**	**5.51**
8CR.20631.17	Moore	9	SR 2035	FROM CONSTRUCTION JOINT TO SR 2116	2	NO	0.485	30	1,175	79	60		11	8					
		10	SR 2116	FROM CONSTRUCTION JOINT AT MASSACHUSETTS AVE. TO E. PENNSYLVANIA AVE..	2	NO	0.195	28	345	23	60		6						
		11	SR 2116	FROM E. PENNSYLVANIA AVE. TO E. CONNECTICUT AVE.	2	NO	0.189	40	455	30	50		5	2					
		12	SR 2116	FROM E. CONNECTICUT AVE TO E. VERMONT AVE.	3	NO	0.095	30	205	14	60		2	2	10			10	0.14
TOTAL FOR PROJ NO. 8CR.20631.17							**0.964**		**2,180**	**146**	**230**		**24**	**12**	**10**			**10**	**0.14**
GRAND TOTAL							**8.274**		**7,287**	**949**	**820**	**450.00**	**24**	**12**	**675**	**95**	**95**	**150**	**8.35**

PROJECT NO.	SHEET NO.	TOTAL NO.
8C.053027, 8C.053022	24	
8C.053024, ETC.		

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	LENGTH	WIDTH	4399000000-N TEMPORARY TRAFFIC CONTROL LS	4685000000-E 4" X 90 M WHITE THERMO LF	4686000000-E 4" X 120 M YELLOW THERMO LF	4686000000-E 4" X 120 M WHITE THERMO LF	4697000000-E 8" X 120 M WHITE THERMO LF	4721000000-E THERMO MSG ONLY 120 M EA	4725000000-E HANDICAP SYMBOL EA	4725000000-E THERMO LT ARROW 90 M EA	4725000000-E THERMO STR ARROW 90 M EA	4725000000-E THERMO STR & RT ARROW 90 M EA	4810000000-E 4" WHITE PAINT LF	4810000000-E 4" YELLOW PAINT LF	4900000000-N YELLOW & YELLOW MARKERS EA
8C.053027	Lee	1	SR 1400	NORTHVIEW FIRE DEPARTMENT	0.057	19													
TOTAL FOR PROJ NO. 8.053027					**0.057**														
8C.053022	Lee	2	SR 1311	FROM SR 1303 TO END OF CONSTRUCTION	0.32	18													
TOTAL FOR PROJ NO. 8C.053022					**0.32**														
8C.053024	Lee	3	SR 1308	FROM SR 1307 TO CUL-DE-SAC	0.44	18													
TOTAL FOR PROJ NO. 8C.053024					**0.44**														
8CR.20531.17	Lee	4	SR 1001	FROM SR 1144 TO SR 1160	1.856	22											39,200	28,350	
TOTAL FOR PROJ NO. 8CR.20531.17					**1.856**												**39,200**	**28,350**	
																	67,550		
30001.38	Moore	5	WEYMOUTH WOODS ROAD AND PARKING LOT	FROM SR 2074	0.246	20							2.0				1,200		
TOTAL FOR PROJ NO. 30001.38					**0.246**								**2**				**1,200**		
													2				**1,200**		
8C.063073	Moore	6	SR 1667	FROM SR 1604 TO END OF CONSTRUCTION	0.197	18													
TOTAL FOR PROJ NO. 8C.063073					**0.197**														
8C.063074	Moore	7	SR 1675	FROM SR 1619 TO SR 1620	0.44	20													
TOTAL FOR PROJ NO. 8C.063074					**0.44**														
8CR.10631.17	Moore	8	NC 24/27	FROM NC 22 TO SR 1261	3.754	28		40,000	27,020										250
TOTAL FOR PROJ NO. 8CR.10631.17					**3.754**			**40,000**	**27,020**										**250**
									27,020										
8CR.20631.17	Moore	9	SR 2035	FROM CONSTRUCTION JOINT TO SR 2116	0.485	30				1,060	300	4		5	3	2			
		10	SR 2116	FROM CONSTRUCTION JOINT AT MASSACHUSETTS TO E. PENNSYLVANIA AVE.	0.195	28					280								
		11	SR 2116	FROM E. PENNSYLVANIA AVE. TO E. CONNECTICUT AVE.	0.189	40					400								
		12	SR 2116	FROM E. CONNECTICUT AVE. TO E. VERMONT AVE.	0.095	30				150				2		2			
TOTAL FOR PROJ NO. 8CR.20631.17					**0.964**					**1,210**	**980**	**4**		**7**	**3**	**4**			
									1,210					**14**					
GRAND TOTAL					**8.274**		**1**	**40,000**	**27,020**	**1,210**	**980**	**4**	**2**	**7**	**3**	**4**	**40,400**	**28,350**	**250**
									28,230					**16**				**68,750**	