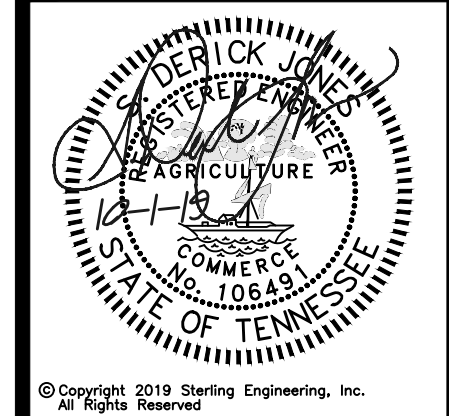


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DRAINAGE PLAN  
**SOUTH BLOUNT UTILITY**  
**DISTRICT OFFICE**  
SOUTH BLOUNT COUNTY UTILITY BLOUNT COUNTY, TN

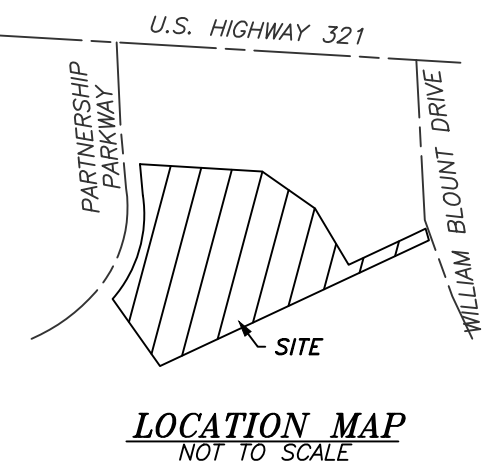
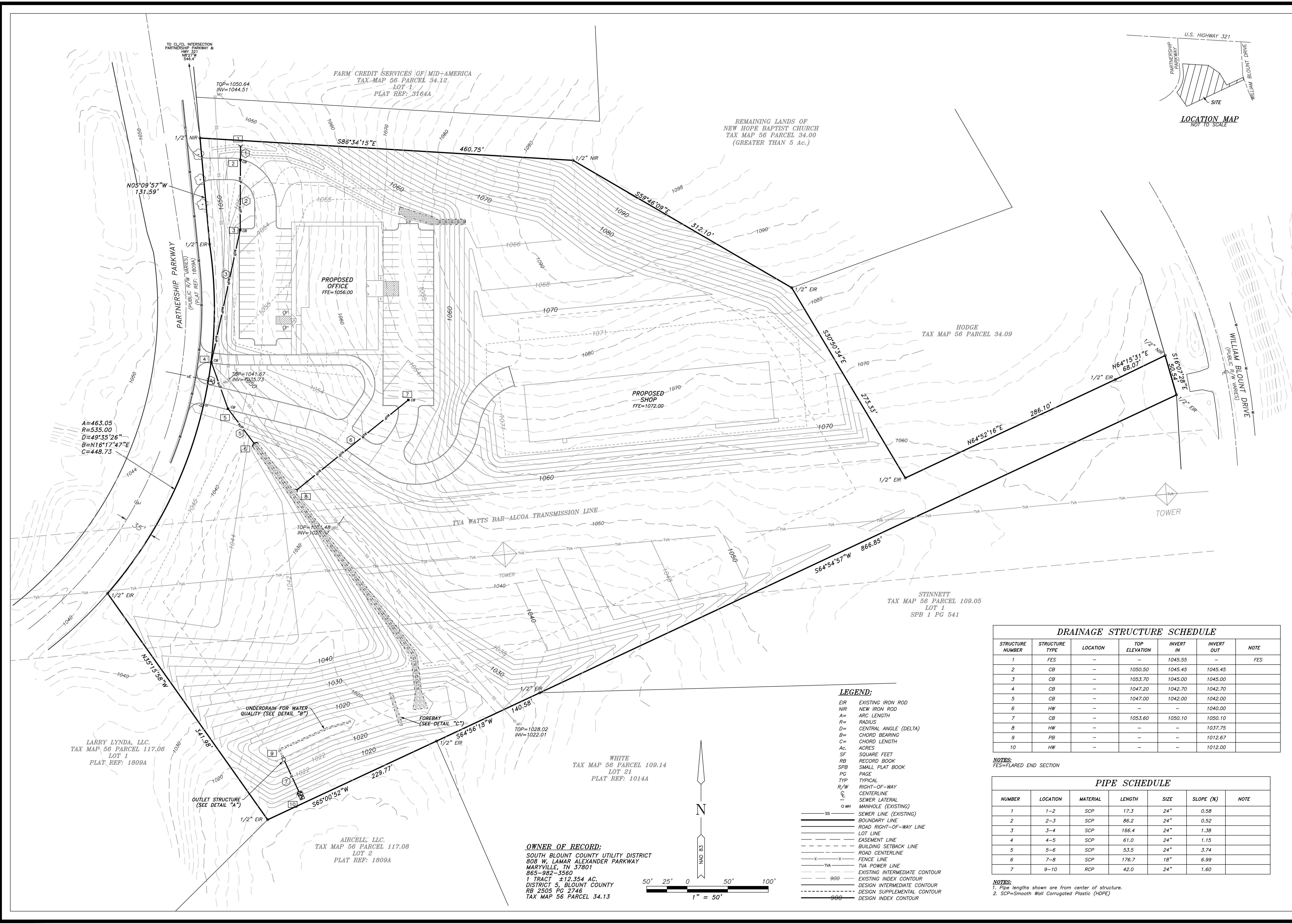
NO.	DATE	BY	REVISIONS



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SHEET  
**CP.4.1**

DESIGNED: RDR  
DRAWN: SDJ  
CHECKED: SDJ  
DATE: 8/15/19  
SCALE: 1" = 50'  
DRAWING: 5960E-CP4  
PROJECT NO: SEI#5960



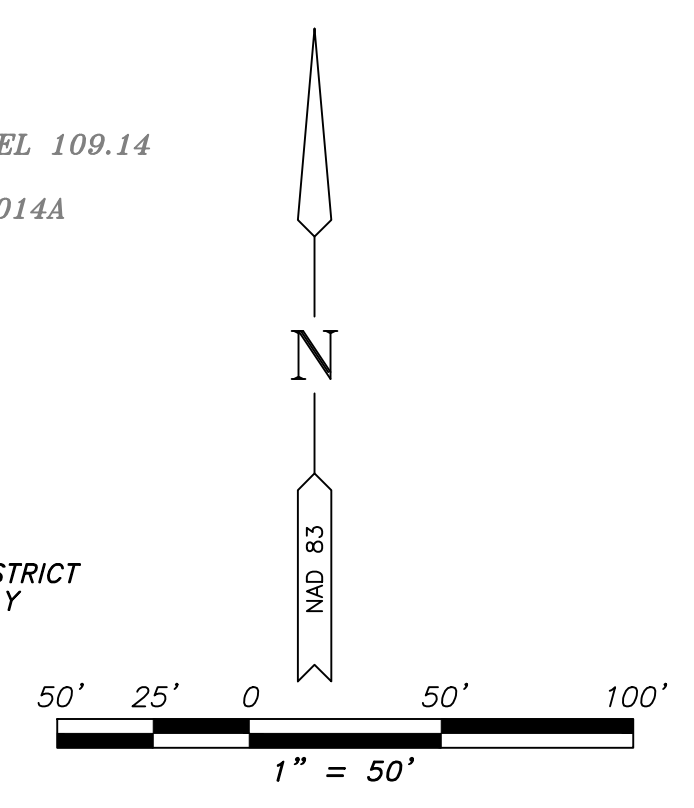
**DRAINAGE STRUCTURE SCHEDULE**

STRUCTURE NUMBER	STRUCTURE TYPE	LOCATION	TOP ELEVATION	INVERT IN	INVERT OUT	NOTE
1	FES	-	-	1045.55	-	FES
2	CB	-	1050.50	1045.45	1045.45	
3	CB	-	1053.70	1045.00	1045.00	
4	CB	-	1047.20	1042.70	1042.70	
5	CB	-	1047.00	1042.00	1042.00	
6	HW	-	-	-	1040.00	
7	CB	-	1053.60	1050.10	1050.10	
8	HW	-	-	-	1037.75	
9	PB	-	-	-	1012.67	
10	HW	-	-	-	1012.00	

**PIPE SCHEDULE**

NUMBER	LOCATION	MATERIAL	LENGTH	SIZE	SLOPE (%)	NOTE
1	1-2	SCP	17.3	24"	0.58	
2	2-3	SCP	86.2	24"	0.52	
3	3-4	SCP	186.4	24"	1.38	
4	4-5	SCP	61.0	24"	1.15	
5	5-6	SCP	53.5	24"	3.74	
6	7-8	SCP	176.7	18"	6.99	
7	9-10	RCP	42.0	24"	1.60	

- LEGEND:**
- EIR EXISTING IRON ROD
  - NIR NEW IRON ROD
  - A= ARC LENGTH
  - R= RADIUS
  - Δ= CENTRAL ANGLE (DELTA)
  - C= CHORD BEARING
  - L= CHORD LENGTH
  - Ac. ACRES
  - SF SQUARE FEET
  - RB RECORD BOOK
  - SPB SMALL PLAT BOOK
  - PG PAGE
  - TYP TYPICAL
  - R/W RIGHT-OF-WAY
  - C CENTERLINE
  - L SEWER LATERAL
  - MH MANHOLE (EXISTING)
  - SS SEWER LINE (EXISTING)
  - BOUNDARY LINE
  - ROAD RIGHT-OF-WAY LINE
  - LOT LINE
  - EASEMENT LINE
  - BUILDING SETBACK LINE
  - ROAD CENTERLINE
  - FENCE LINE
  - TYA POWER LINE
  - EXISTING INTERMEDIATE CONTOUR
  - 900 EXISTING INDEX CONTOUR
  - DESIGN INTERMEDIATE CONTOUR
  - DESIGN SUPPLEMENTAL CONTOUR
  - 900 DESIGN INDEX CONTOUR



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