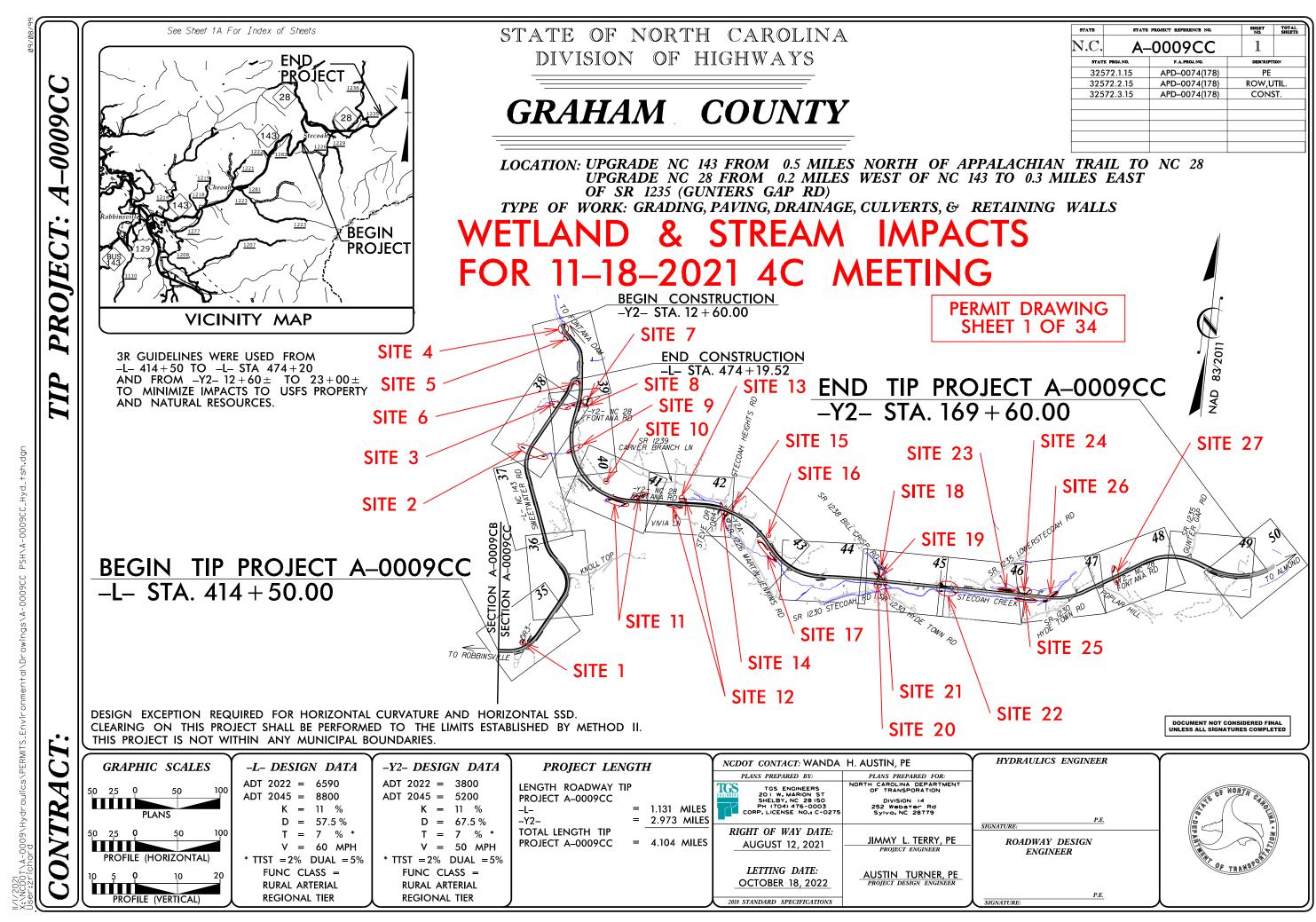
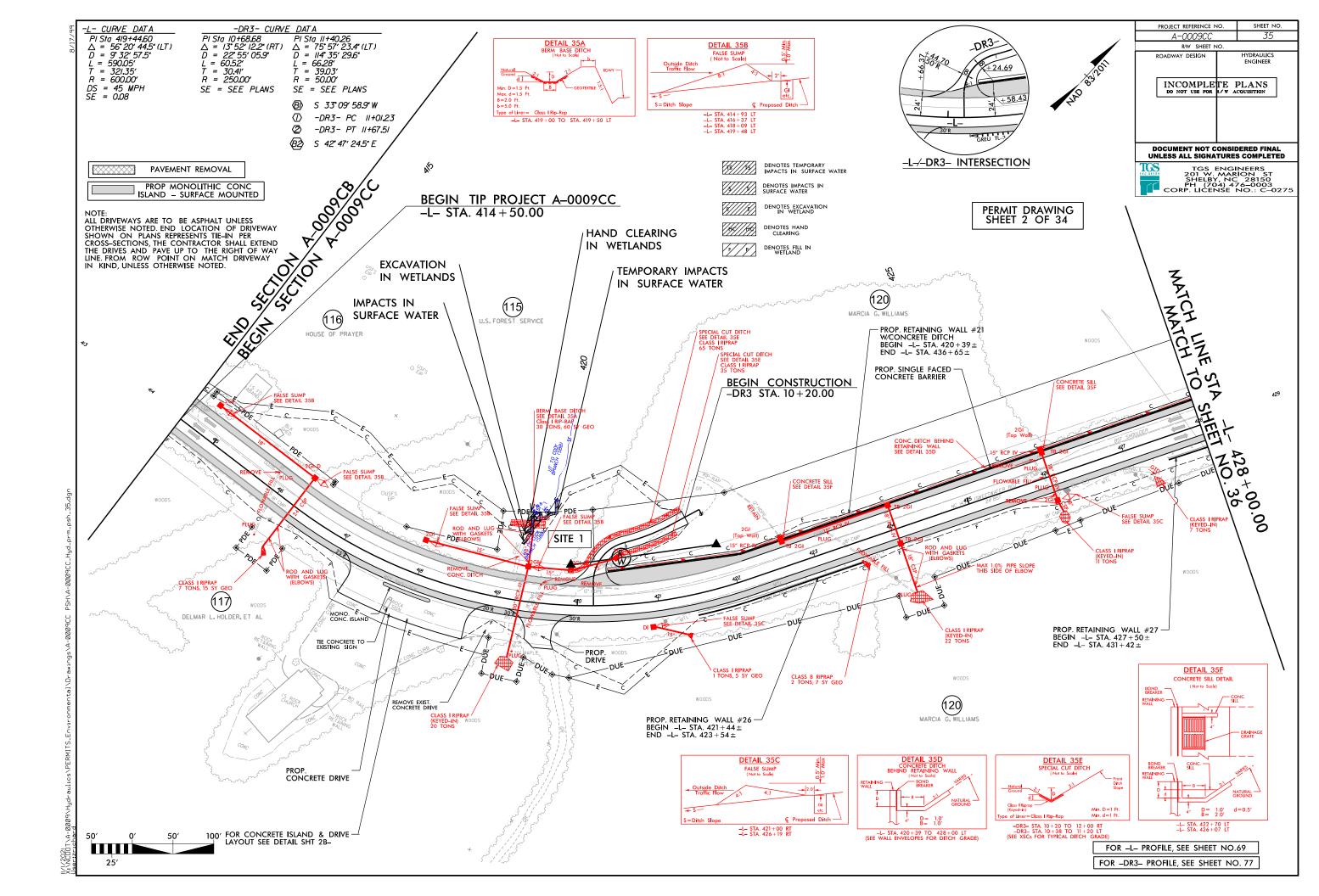
WBS Element: 325 NCDOT Contact: Jos Address: 253 Sylv Phone: Bit Email: Ibde Email: City/Town: Phone: River Basin(s): Wetlands within Project Limits? Project Length (lin. miles or feet): Project Built-Upon Area (ac.) Typical Cross Section Description: 1.) - rang Annual Avg Daily Traffic (veh/hr/day): General Project Narrative: Guality Impacts) STI (Description of Minimization of Water Quality Impacts) A-0 NC Project	Little Tennessee Yes 4.10 Miles 29.0 1.) -L-: Three 12' paved lanes, 10' s ranging from 4:1 to 2:1 - 1.1 Miles 2.) -Y2-: Three 12' paved lanes, 10' ranging from 4:1 to 2:1 - 2.1 Miles 3.) -Y2-: Three 12' paved lanes, cur ranging from 4:1 to 2:1 - 0.8 Miles Design/Future: STIP project A-0009C is part of Co	Ge TIP Number:	ac. / 2' grassed), g d / 2' grassed),	Information Contractor / Desig Contractor / Desig County(ies): CAMA County? ription Forested, Agricultur rassed side slopes	Address: Phone: Email: Grah No	TGS Engine 706 Hillsbor Raleigh, NC 919-773-886 dpettv@tase am ential	37 Ext. 104 engineers.com Existin	tty, PE 00 ng Site	1 Date:	of 11/1/20	4	
NCDOT Contact: Jos Address: 253 Sylv Phone: 828 Email: ibde City/Town: River Basin(s): Wetlands within Project Limits? Project Length (lin. miles or feet): Project Built-Upon Area (ac.) Typical Cross Section Description: 1.)- rang 3.)- General Project Narrative: STI (Description of Minimization of Water Quality Impacts) Section NC	Josh B. Deyton, PE 253 Webster Rd Sylva, NC 28779 828-586-2141 jbdevton@ncdot.gov Robbins Little Tennessee Yes 4.10 Miles 29.0 1.) -L-: Three 12' paved lanes, 10' s ranging from 4:1 to 2:1 - 1.1 Miles 2.) -Y2-: Three 12' paved lanes, 10' s ranging from 4:1 to 2:1 - 2.1 Miles 3.) -Y2-: Three 12' paved lanes, cur ranging from 4:1 to 2:1 - 0.8 Miles Design/Future: TilP project A-0009C is part of Co between US 129 south of Robbinsy	TIP Number:	A-0009CC Project Desc and Use: ac. / 2' grassed), g d / 2' grassed),	Contractor / Desig County(ies): CAMA County? cription Forested, Agricultur	ner: Address: Phone: Email: Grah No	TGS Engine 706 Hillsbor Raleigh, NC 919-773-886 dpettv@tase am ential	ers / David B. Pet ough St Suite 20 27603 37 Ext. 104 engineers.com Existin	tty, PE 00 ng Site	Date:	11/1/20		
NCDOT Contact: Jos Address: 253 Sylv Phone: 828 Email: ibde City/Town: River Basin(s): Wetlands within Project Limits? Project Length (lin. miles or feet): Project Built-Upon Area (ac.) Typical Cross Section Description: 1.)- rang 3.)- General Project Narrative: STI (Description of Minimization of Water Quality Impacts) Section NC	Josh B. Deyton, PE 253 Webster Rd Sylva, NC 28779 828-586-2141 jbdevton@ncdot.gov Robbins Little Tennessee Yes 4.10 Miles 29.0 1.) -L-: Three 12' paved lanes, 10' s ranging from 4:1 to 2:1 - 1.1 Miles 2.) -Y2-: Three 12' paved lanes, 10' s ranging from 4:1 to 2:1 - 2.1 Miles 3.) -Y2-: Three 12' paved lanes, cur ranging from 4:1 to 2:1 - 0.8 Miles Design/Future: TilP project A-0009C is part of Co between US 129 south of Robbinsy	sville, NC Surrounding Li Proposed Project shoulders (8' paved / o' shoulders (8' pavec rb&gutter with 10' Mu	Project Desc and Use: ac. / 2' grassed), g d / 2' grassed),	County(ies): CAMA County? cription Forested, Agricultur	ner: Address: Phone: Email: Grah No	TGS Engine 706 Hillsbor Raleigh, NC 919-773-886 dpettv@tase am ential	ers / David B. Pet ough St Suite 20 27603 37 Ext. 104 engineers.com Existin	tty, PE 00 ng Site	Date:	11/1/20		
Address: 253 Sylv Phone: 828 Email: ibde City/Town: River Basin(s): Wetlands within Project Limits? Project Length (lin. miles or feet): Project Built-Upon Area (ac.) Typical Cross Section Description: Typical Cross Section Description: (Description of Minimization of Water Quality Impacts) Annual Avg Daily Traffic (veh/hr/day): General Project Narrative: STI (Description of Minimization of Water Quality Impacts) A-00 NC	253 Webster Rd Sylva, NC 28779 828-586-2141 ibdevton@ncdot.gov Robbins Little Tennessee Yes 4.10 Miles 29.0 1.) -L-: Three 12' paved lanes, 10' s ranging from 4:1 to 2:1 - 1.1 Miles 2.) -Y2-: Three 12' paved lanes, 10' ranging from 4:1 to 2:1 - 0.8 Miles Design/Future: Design/Future: STIP project A-0009C is part of Co between US 129 south of Robbinsy	Surrounding La Proposed Project shoulders (8' paved /)' shoulders (8' paved rb&gutter with 10' Mu	and Use: ac. / 2' grassed), g d / 2' grassed),	County(ies): CAMA County? cription Forested, Agricultur	Address: Phone: Email: Grah No	706 Hillsborn Raleigh, NC 919-773-886 dpettv@tase am ential	ough St Suite 20 27603 37 Ext. 104 engineers.com Existin	00 ng Site				
Phone: 828 Email: ibde City/Town: Image: Syling River Basin(s): Image: Syling Wetlands within Project Limits? Image: Syling Project Length (lin. miles or feet): Image: Syling Project Built-Upon Area (ac.) Image: Syling Typical Cross Section Description: 1.)- General Project Narrative: STII (Description of Minimization of Water Quality Impacts) Stip Project Syling A-00 NC Project Syling Project Syling Stip Image: Syling Stip General Project Narrative: STII Operation of Minimization of Water Description Project Description Syling Stip Stip Stip	Sylva, NC 28779 828-586-2141 ibdevton@ncdot.gov Robbins Little Tennessee Yes 4.10 Miles 29.0 1.) -L-: Three 12' paved lanes, 10' s ranging from 4:1 to 2:1 - 1.1 Miles 2.) -Y2-: Three 12' paved lanes, 10' ranging from 4:1 to 2:1 - 2.1 Miles 3.) -Y2-: Three 12' paved lanes, cur ranging from 4:1 to 2:1 - 0.8 Miles Design/Future: STIP project A-0009C is part of Co between US 129 south of Robbinsy	Surrounding La Proposed Project shoulders (8' paved /)' shoulders (8' paved rb&gutter with 10' Mu	and Use: ac. / 2' grassed), g d / 2' grassed),	CAMA County? cription Forested, Agricultur rassed side slopes	Phone: Email: Grah No re, Rural Resid	Raleigh, NC 919-773-888 dpettv@tose am o ential	27603 37 Ext. 104 engineers.com Existin	ng Site				
Email: ibde City/Town: River Basin(s): Wetlands within Project Limits? Project Length (lin. miles or feet): Project Built-Upon Area (ac.) Typical Cross Section Description: 2.)- rang 2.)- General Project Narrative: Quality Impacts) Annual Avg Daily Traffic (veh/hr/day): General Project Narrative: Project Project Narrative: STI (Description of Minimization of Water Quality Impacts)	ibdevton@ncdot.gov Robbins Little Tennessee Yes 4.10 Miles 29.0 1.) -L-: Three 12' paved lanes, 10' s ranging from 4:1 to 2:1 - 1.1 Miles 2.) -Y2-: Three 12' paved lanes, 10' s ranging from 4:1 to 2:1 - 2.1 Miles 3.) -Y2-: Three 12' paved lanes, cur ranging from 4:1 to 2:1 - 0.8 Miles Design/Future: STIP project A-0009C is part of Co between US 129 south of Robbins	Surrounding La Proposed Project shoulders (8' paved /)' shoulders (8' paved rb&gutter with 10' Mu	and Use: ac. / 2' grassed), g d / 2' grassed),	CAMA County? cription Forested, Agricultur rassed side slopes	Email: Grah No re, Rural Resid	dpetty@tqse am o lential	engineers.com Existin					
City/Town: River Basin(s): Wetlands within Project Limits? Project Length (lin. miles or feet): Project Built-Upon Area (ac.) Typical Cross Section Description: 2.)- rang 2.)- 2.]- 2	Robbins Little Tennessee Yes 4.10 Miles 29.0 1.) -L-: Three 12' paved lanes, 10' s ranging from 4:1 to 2:1 - 1.1 Miles 2.) -Y2-: Three 12' paved lanes, 10 ranging from 4:1 to 2:1 - 2.1 Miles 3.) -Y2-: Three 12' paved lanes, cur ranging from 4:1 to 2:1 - 0.8 Miles Design/Future: Design/Future: STIP project A-0009C is part of Co between US 129 south of Robbins	Surrounding La Proposed Project shoulders (8' paved /)' shoulders (8' paved rb&gutter with 10' Mu	and Use: ac. / 2' grassed), g d / 2' grassed),	CAMA County? cription Forested, Agricultur rassed side slopes	Grah No re, Rural Resid	ential	Existin					
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ypical Cross Section Description: 1.)- rang 2.)- rang 2.)- General Project Narrative: STI (Description of Minimization of Water Quality Impacts) 4-0 NC Proj 22: 21.5	1.) -L-: Three 12' paved lanes, 10's ranging from 4:1 to 2:1 - 1.1 Miles 2.) -Y2-: Three 12' paved lanes, 10 ranging from 4:1 to 2:1 - 2.1 Miles 3.) -Y2-: Three 12' paved lanes,cur ranging from 4:1 to 2:1 - 0.8 Miles Design/Future: STIP project A-0009C is part of Co between US 129 south of Robbins	shoulders (8' paved /)' shoulders (8' pavec rb&gutter with 10' Mu	ac. / 2' grassed), g d / 2' grassed),		1.) -L-: Two 1							
ypical Cross Section Description: 1.)- rang 2.)- rang 2.)- General Project Narrative: STI (Description of Minimization of Water Quality Impacts) 4-0 NC Proj 22: 21.5	1.) -L-: Three 12' paved lanes, 10's ranging from 4:1 to 2:1 - 1.1 Miles 2.) -Y2-: Three 12' paved lanes, 10 ranging from 4:1 to 2:1 - 2.1 Miles 3.) -Y2-: Three 12' paved lanes,cur ranging from 4:1 to 2:1 - 0.8 Miles Design/Future: STIP project A-0009C is part of Co between US 129 south of Robbins	shoulders (8' paved /)' shoulders (8' pavec rb&gutter with 10' Mu	/ 2' grassed), g d / 2' grassed),		1.) -L-: Two 1		a					
Annual Avg Daily Traffic (veh/hr/day): General Project Narrative: Guality Impacts) Annual Avg Daily Traffic (veh/hr/day): Comparison of Minimization of Water Quality Impacts) Project Project Narrative: A-00 NC	ranging from 4:1 to 2:1 - 1.1 Miles 2.) -Y2-: Three 12' paved lanes, 10 ranging from 4:1 to 2:1 - 2.1 Miles 3.) -Y2-: Three 12' paved lanes,cur ranging from 4:1 to 2:1 - 0.8 Miles Design/Future: STIP project A-0009C is part of Co between US 129 south of Robbins)' shoulders (8' paved	d / 2' grassed),		1.) -L-: Two 1			ac.				
2.)- ran; 3.)- ran; 3.)- ran; (Description of Minimization of Water Quality Impacts) A-O NC Pro 22: >1.;	2.) Y2: Three 12' paved lanes, 10 ranging from 4:1 to 2:1 - 2.1 Miles 3.) Y2: Three 12' paved lanes,cur ranging from 4:1 to 2:1 - 0.8 Miles Design/Future: STIP project A-0009C is part of Co between US 129 south of Robbins)' shoulders (8' paved rb&gutter with 10' Mu				2' paved lane	es, 0 to 12' paved		' to 8' grass	ed should	lers,	
Annual Avg Daily Traffic (veh/hr/day): General Project Narrative: STI (Description of Minimization of Water Quality Impacts) A-00 NC Proj >2:: >1.;	Design/Future: Construction of Construction STIP project A-0009C is part of Construction US 129 south of Robbins		ultiuse Path, gra			12' paved lar	ng from 4:1 to 2:1 nes, 2' to 8' grasse		grassed sic	le slopes	rangin	
(Description of Minimization of Water betw Quality Impacts) A-O NC Pro >2:: >1.;	STIP project A-0009C is part of Co between US 129 south of Robbinsy	8800	Year:	2045	Existing:		6590		Yea	r: 2	022	
>Ali >Ali >O\ >Pr >St >St >Mi >Re >Pr >Lt >Re	A-0009CC improves NC 143 (-L-, a NC 143 to 0.3 miles east of SR 123 <u>Project minimization measures incl</u> >21.15:1 cut slopes where possible. >Expressway gutter and shoulder b >Alignment shifts to avoid relocatio >Alignment shifts and either symme >Overall maintain existing alignmen >Maximizing shoulder section. >Providing adequate ground cover. >Stabilizing embankments and drai >Minimizing culvert slopes. >Removing existing perched outlet >Providing adequate energy dissip >Utilizing natural features and drai >Retaining and extending existing 4B r	35 (Gunters Gap Rd) slude: berm gutter to reduce ons and avoid / minin retrical or asymmetri ant to minimize cumul r. ainage ditches. ts. pation. inage pathways - Exis culverts where practi). ADT listed a e cross-section mize stream, we cal widening to lative impacts t isting drainage ticable to minim	bove is for -L ADT width. etland, and historic re- fit a best-fit alignment to resources. pathways were utiliza	for -Y2- is 380 esource impact nt to avoid / mi ed to the maxir	0 in 2022 and ts. nimize impac	d 5200 in 2045. Its and reduce ear	rthwork.	rial) from 0.2	2 miles w	est of	

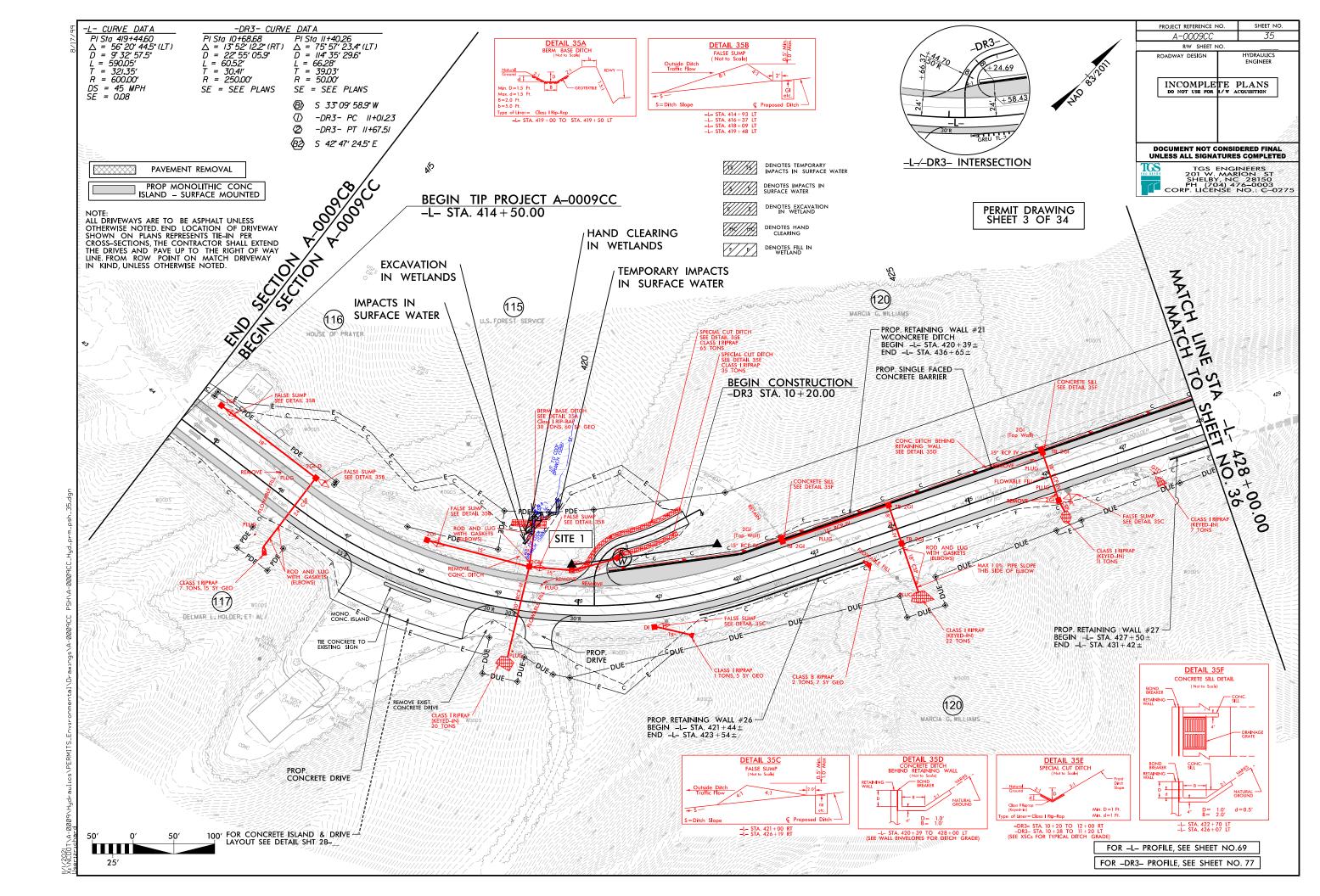
Version 3.00; Released August 2021)		A 0000CC	North Carolina Departme Highway Stormw STORMWATER MAN FOR NCDOT Countyfico)	vater Program NAGEMENT PLAN PROJECTS	n		Baga	2	at at	
WBS Element: 32572.1.15	TIP/Proj No.:	A-0009CC	County(ies):				Page	2	of	4
			General Project							
			Waterbody Inf					_	_	
Surface Water Body (1):		Cody	Branch	NCDWR Stream In			2-130-1		-	
NCDWR Surface Water Classification for	Water Body		Primary Classification:	Class						
Other Stream Classification:	Nor	ne	Supplemental Classification:	None						
Impairments:	Nor	ne								
Aquatic T&E Species?	No	Comments:								
NRTR Stream ID:	SBB					Buffer Rules in Effect:		N/A		
Project Includes Bridge Spanning Water	Body?	No	Deck Drains Discharge Over Bu		N/A	Dissipator Pads Provided			N/A	
Deck Drains Discharge Over Water Body		N/A	(If yes, provide justification in	the General Project	(If yes, describe in the General Project Narrative; if no, justify in th					
(If yes, provide justification in the G	General Project Na	arrative)				Gene	eral Project Nar	rative)		
Surface Water Body (2):		Carver	Branch	NCDWR Stream In	dex No.:		2-130-3-1			
NCDWR Surface Water Classification for Water Body			Primary Classification:	Class	0					
			Supplemental Classification:	None						
Other Stream Classification:	Nor	าย								
Impairments:	Nor	ne								
Aquatic T&E Species?	No	Comments:				-				
NRTR Stream ID:	Carver Branch, Sl	BC, SBG, SBD,	SFT, SFP, SFH, SFM, SFN, SBJ, S	SBN, SBP, SBO		Buffer Rules in Effect:		N/A		
Project Includes Bridge Spanning Water	Body?	No	Deck Drains Discharge Over Bu		Dissipator Pads Provided in Buffer? N/A					
Deck Drains Discharge Over Water Body		N/A	(If yes, provide justification in	the General Project	Narrative)	(If yes, describe in the Ge			no, justify i	n the
(If yes, provide justification in the G	General Project Na	arrative)				Gene	eral Project Nar	rative)		
				1						
Surface Water Body (3):		Johnson G	Bap Branch	NCDWR Stream In			2-131-2			
NCDWR Surface Water Classification for	Water Body		Primary Classification:	Class						
	•		Supplemental Classification:	None						
Other Stream Classification:	Nor	ne								
Impairments:	Nor	ne								
Aquatic T&E Species?	No	Comments:								
NRTR Stream ID:	Johnson Gap Bra	nch, SEY, SEX				Buffer Rules in Effect:			N/A	
Project Includes Bridge Spanning Water	Body?	No	Deck Drains Discharge Over Bu	N/A	Dissipator Pads Provided			N/A		
Deck Drains Discharge Over Water Body		N/A	(If yes, provide justification in	the General Project	Narrative)	(If yes, describe in the Ge			no, justify i	n the
(If yes, provide justification in the G	General Project Na	arrative)	General Project Narrative)							

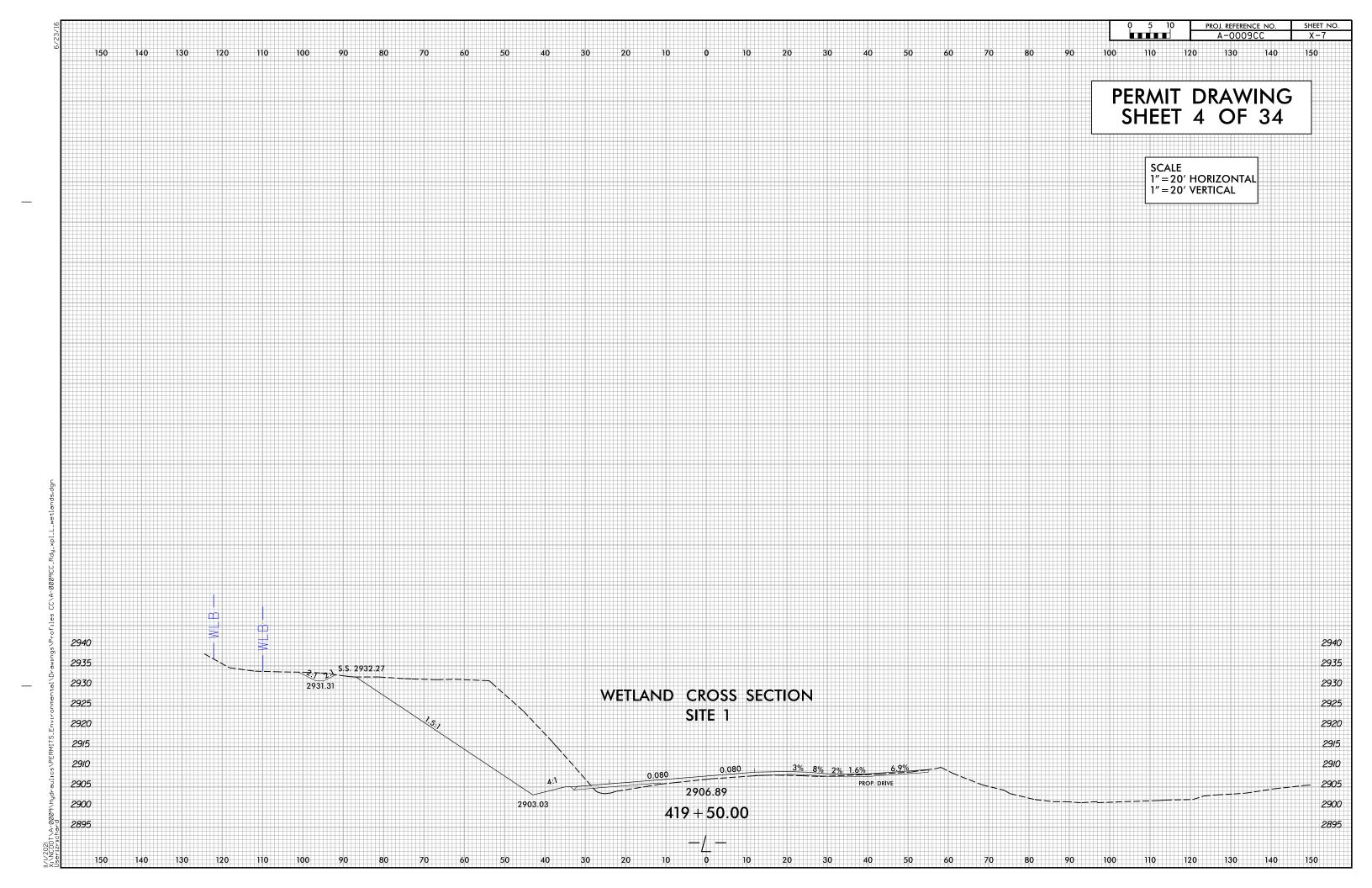
Version 3.00; Released August 2021)			North Carolina Departme Highway Stormw STORMWATER MAN FOR NCDOT F								
WBS Element: 32572.1.15	TIP No.:	A-0009CC	County(ies):	Graham			Page	3	of	4	
	-		Additional Waterboo	dy Information							
Surface Water Body (4):		s Branch	NCDWR Stream In		2-130-3						
NCDWR Surface Water Classification for	r Water Body		Primary Classification:	Class	С						
	- Hator Body		Supplemental Classification:	None)						
ther Stream Classification: None											
Impairments:	ne										
Aquatic T&E Species?	No	Comments:				7					
NRTR Stream ID:	Edwards Branch,	SBV				Buffer Rules in Effect:			N/A		
Project Includes Bridge Spanning Wate	r Body?	No	Deck Drains Discharge Over Bu		N/A	Dissipator Pads Provided			N/A		
Deck Drains Discharge Over Water Bod		N/A	(If yes, provide justification in	the General Project	Narrative)	(If yes, describe in the Ge	,	,	o, justify in	1 the	
(If yes, provide justification in the	General Project Na	arrative)				Gene	eral Project Nari	rative)			
				T							
Surface Water Body (5):		Stecoal	h Creek	NCDWR Stream In	idex No.:	2-130					
NCDWR Surface Water Classification for	r Water Body		Primary Classification:	Class	С						
	· · · · · · · · · · · · · · · · · · ·		Supplemental Classification:	Trout Wate	rs (Tr)						
Other Stream Classification:	Stream Classification: None										
Impairments:	Nor	ne									
Aquatic T&E Species?	No	Comments:									
NRTR Stream ID:	Stecoah Creek, S	CB, SCD, SDT				Buffer Rules in Effect:			N/A		
Project Includes Bridge Spanning Wate	r Body?	No	Deck Drains Discharge Over Bu	ffer?	N/A	Dissipator Pads Provided			N/A		
			(If yes, provide justification in the General Project Narrative) (If yes, describe in the General Project Narrative)						- to a stift of the	410.0	
Deck Drains Discharge Over Water Bod	y?	N/A	(If yes, provide justification in	the General Project	Narrative)		neral Project N eral Project Narı		o, justity in	n the	

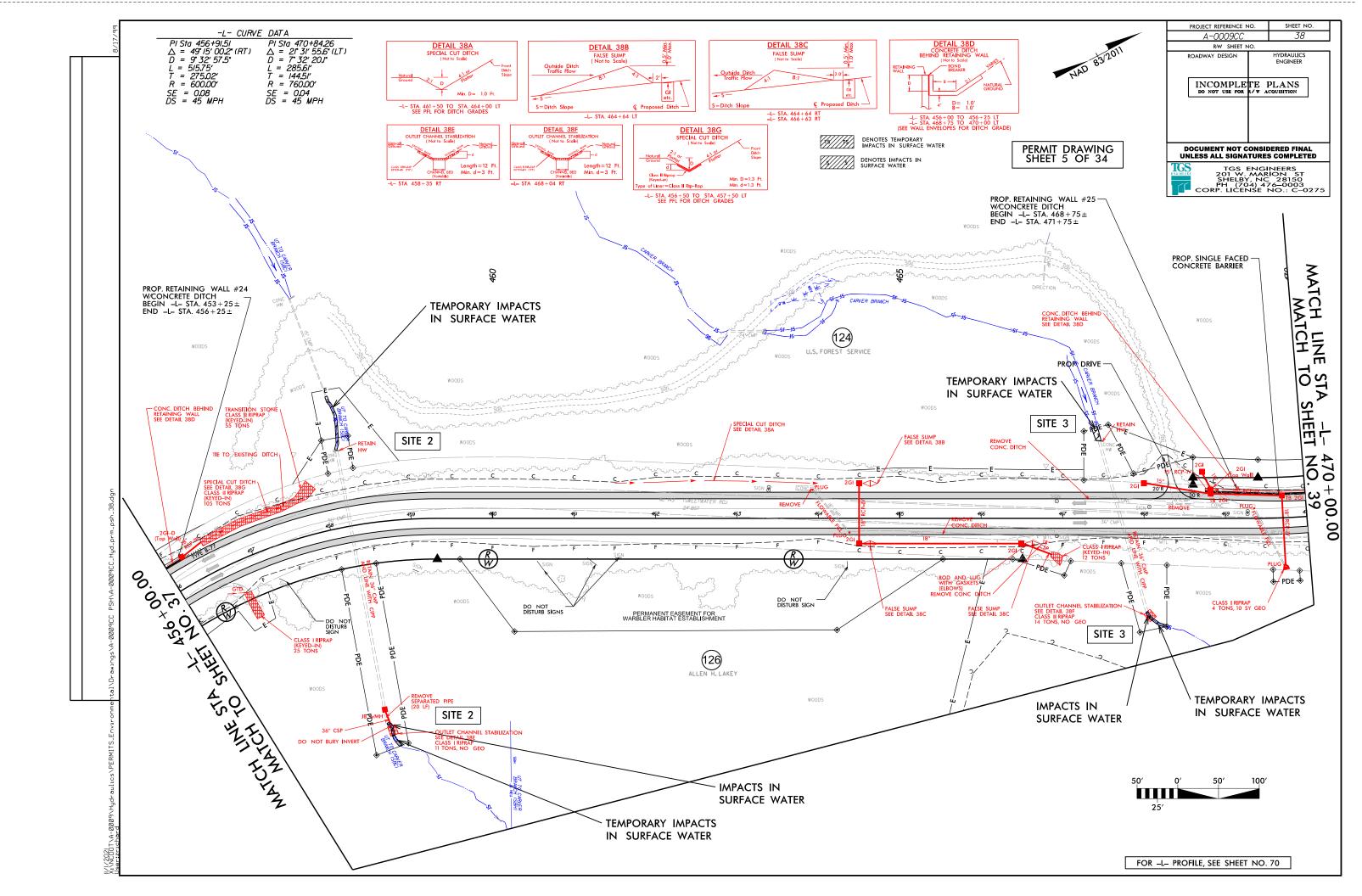
	Storm	Water PROCEED	Highway Stormwater Program STORMWATER MANAGEMENT PLAN ugust 2021) FOR NCDOT PROJECTS																
				W	BS Element:	32572.1.15	TIP/Proj No.:	A-0009CC		County(ies):						Page	4	of	4
					1				1	1	Swale	1		1				1	
Sheet No.	Line Y2	Station 132+00	Location (LT,RT,CL) RT	Latitude 35.37139		Surface Water Body (5)Stecoah Creek	Base Width (ft) 0.0	Front Slope (H:1) 4.0	Back Slope (H:1) 4.0	Drainage Area (ac) 0.6	Recommended Treatm't Length (ft) 60	Actual Length (ft) 300	Longitudinal Slope (%) 1.34%	Q2 (cfs) 1.0	V2 (fps)	Q10 (cfs) 1.3	V10 (fps) 1.3	Rock Checks Used No	BMP Associated w/ Buffer Rules? No
47*	Y2	132+00	LT	35.37163		(5)Stecoah Creek	5.0	3.0	3.0	9.9	990	246	0.40%	15.0	1.2	20.3	2.0	No	No
										Δ	dditional Comme	nts							
*Provid	Additional Comments Provided length exceeds the recommended length for the portion of the contributing drainage area within NCDOT right of way.																		

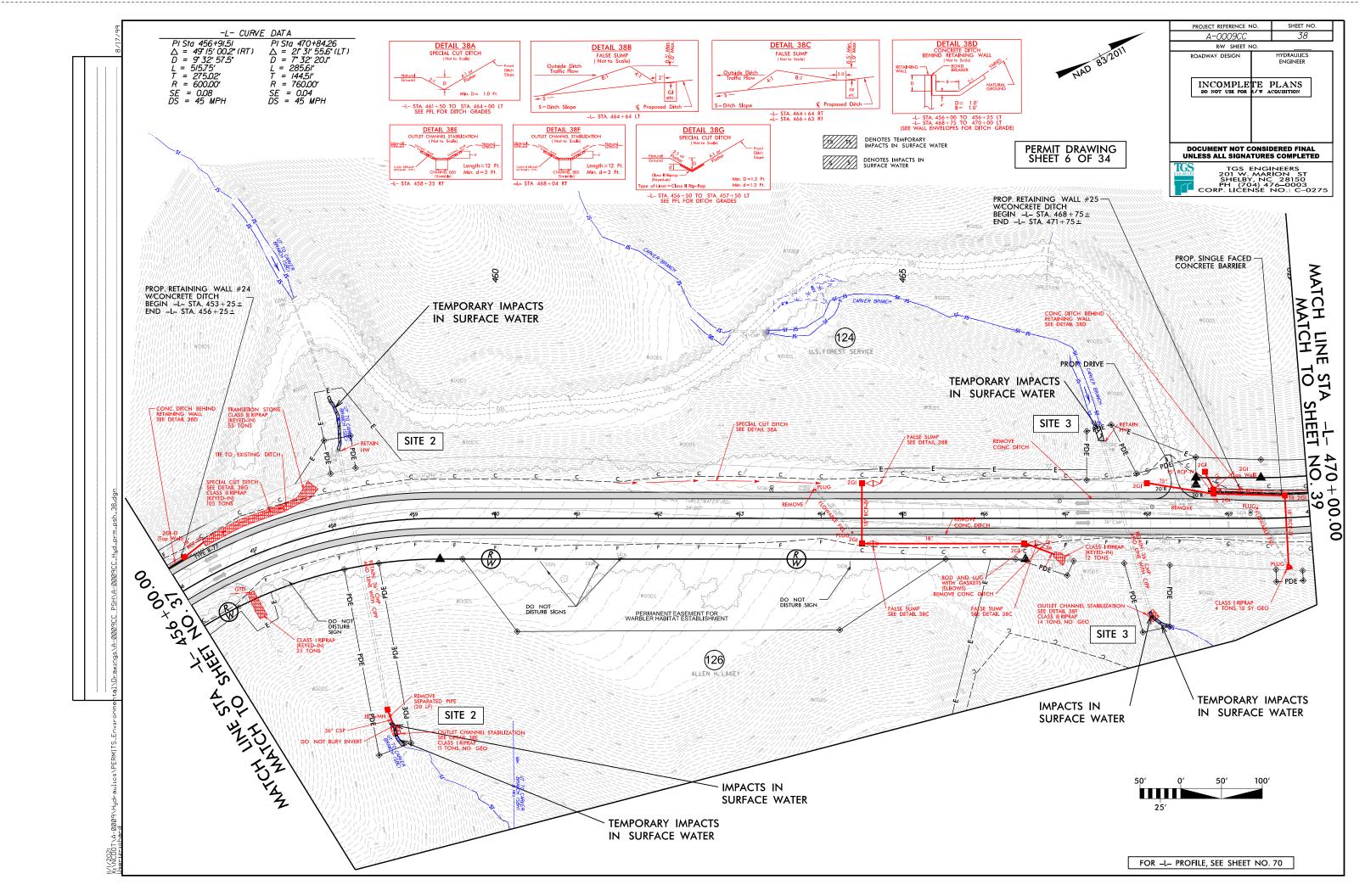


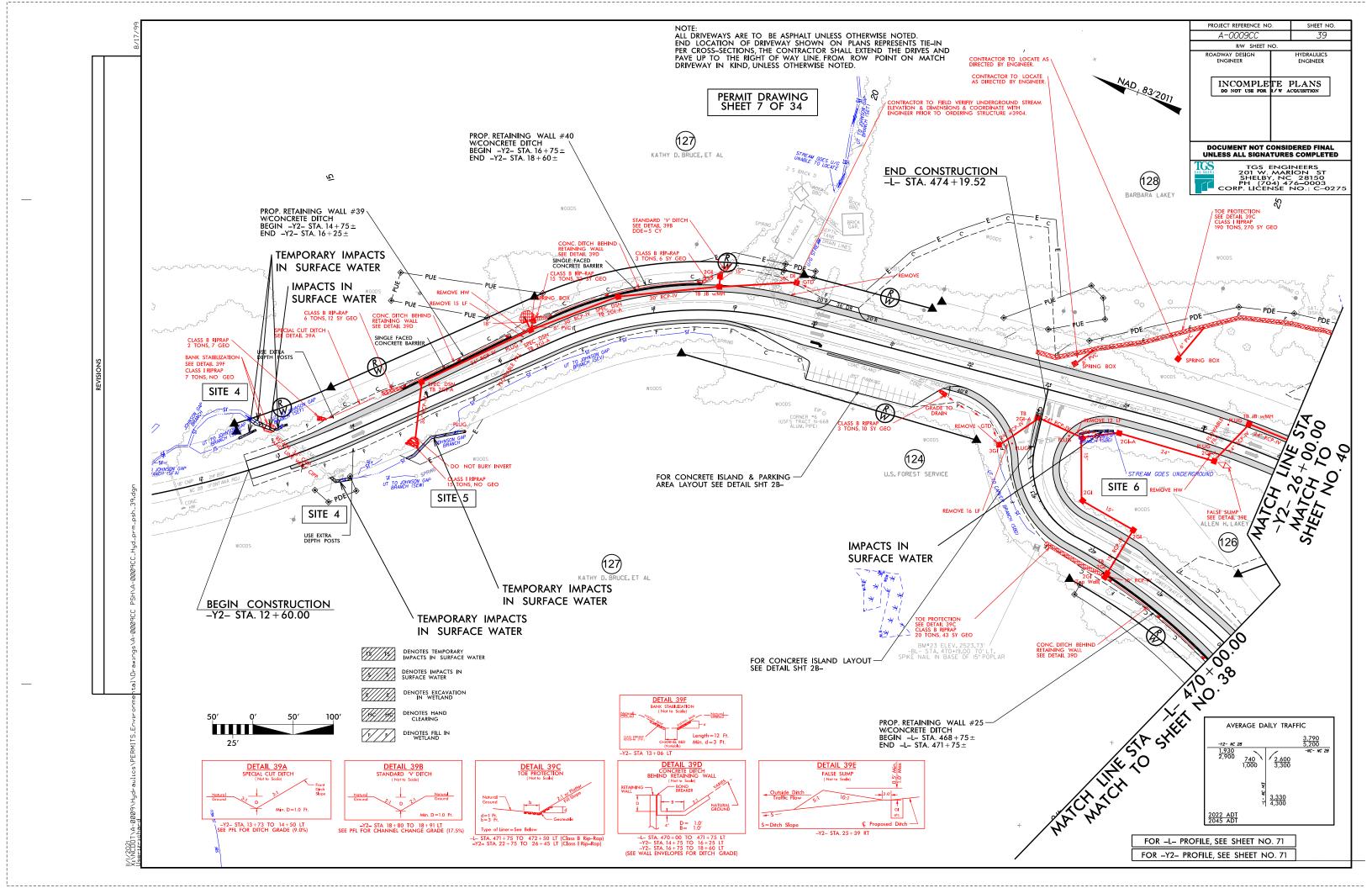


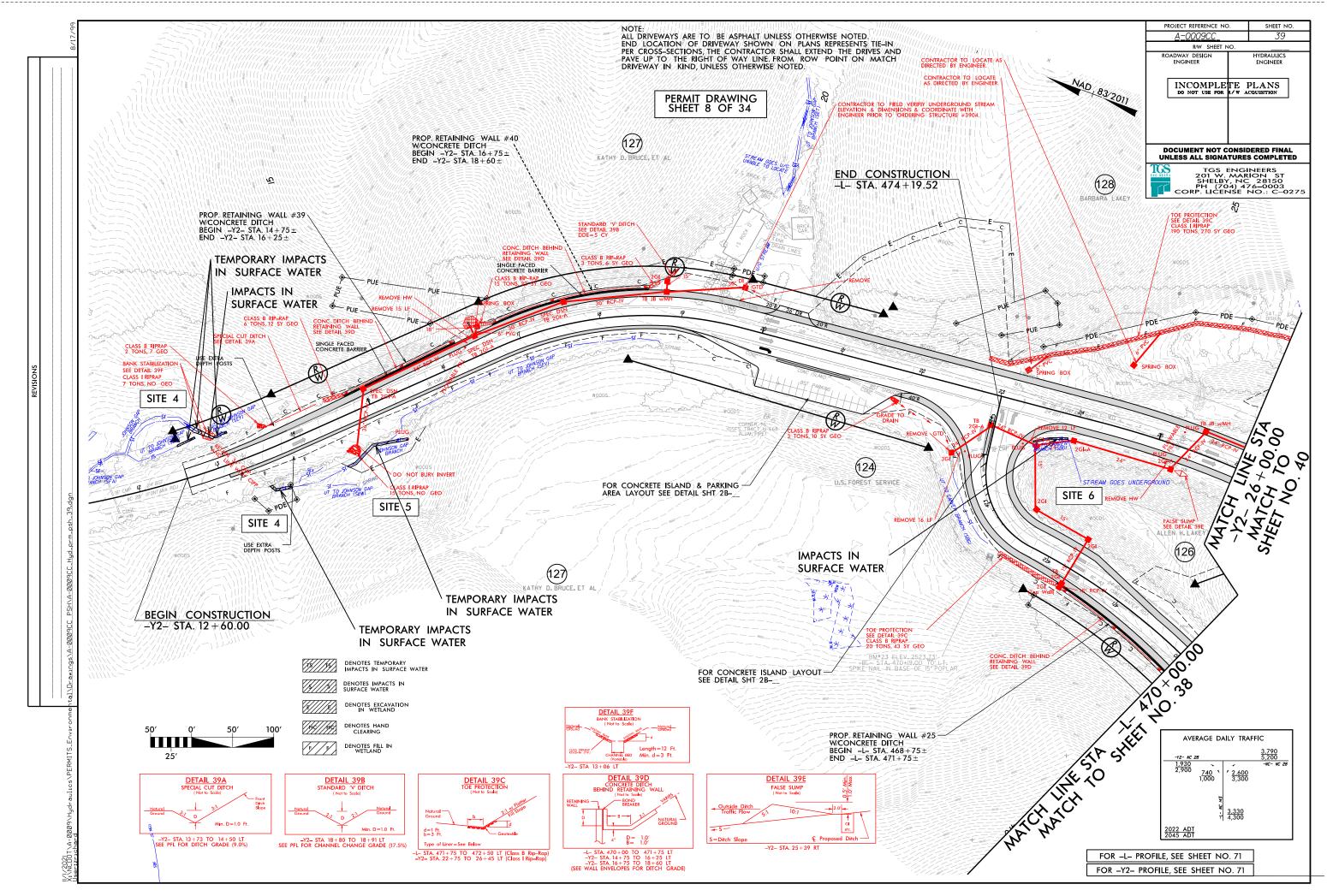


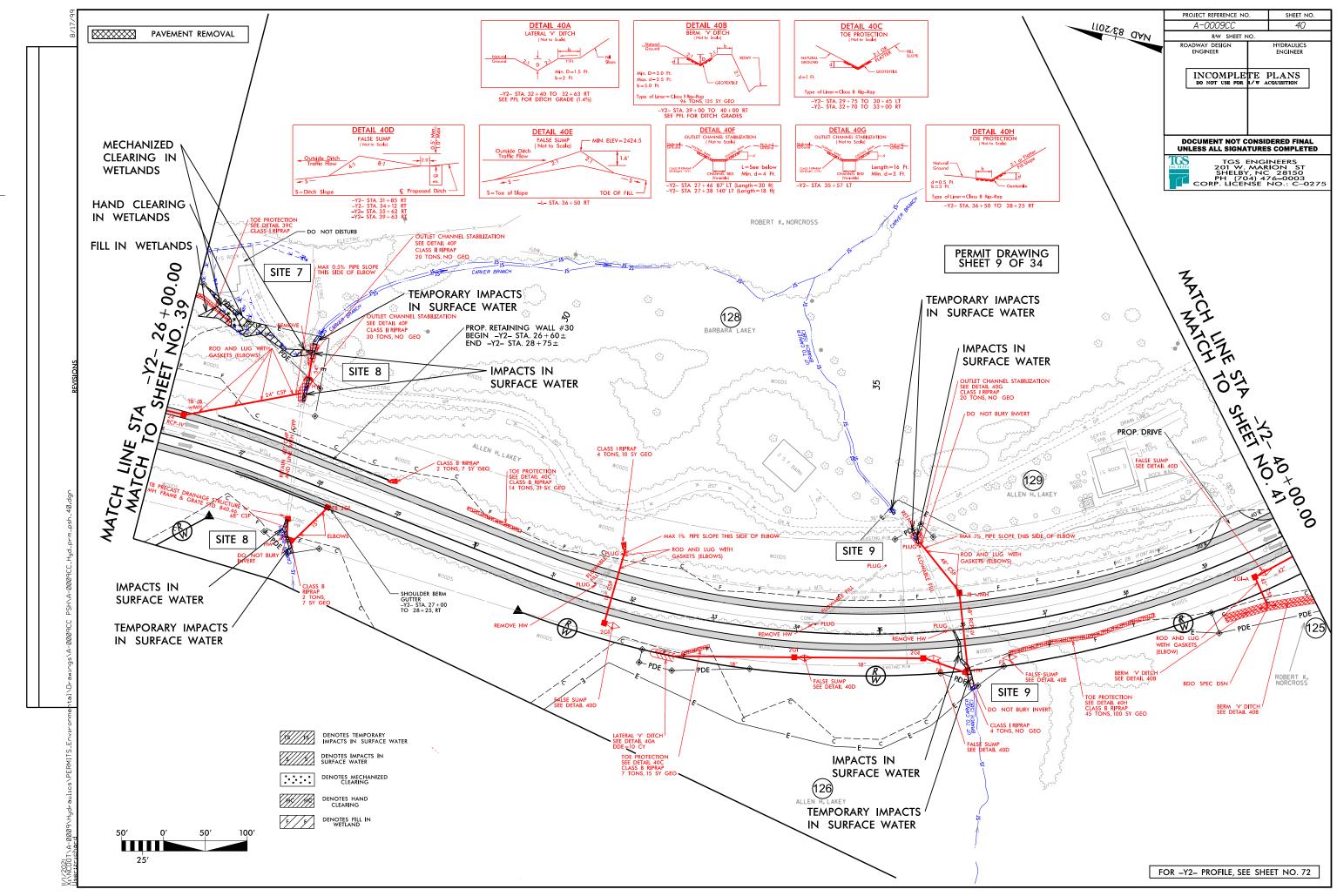


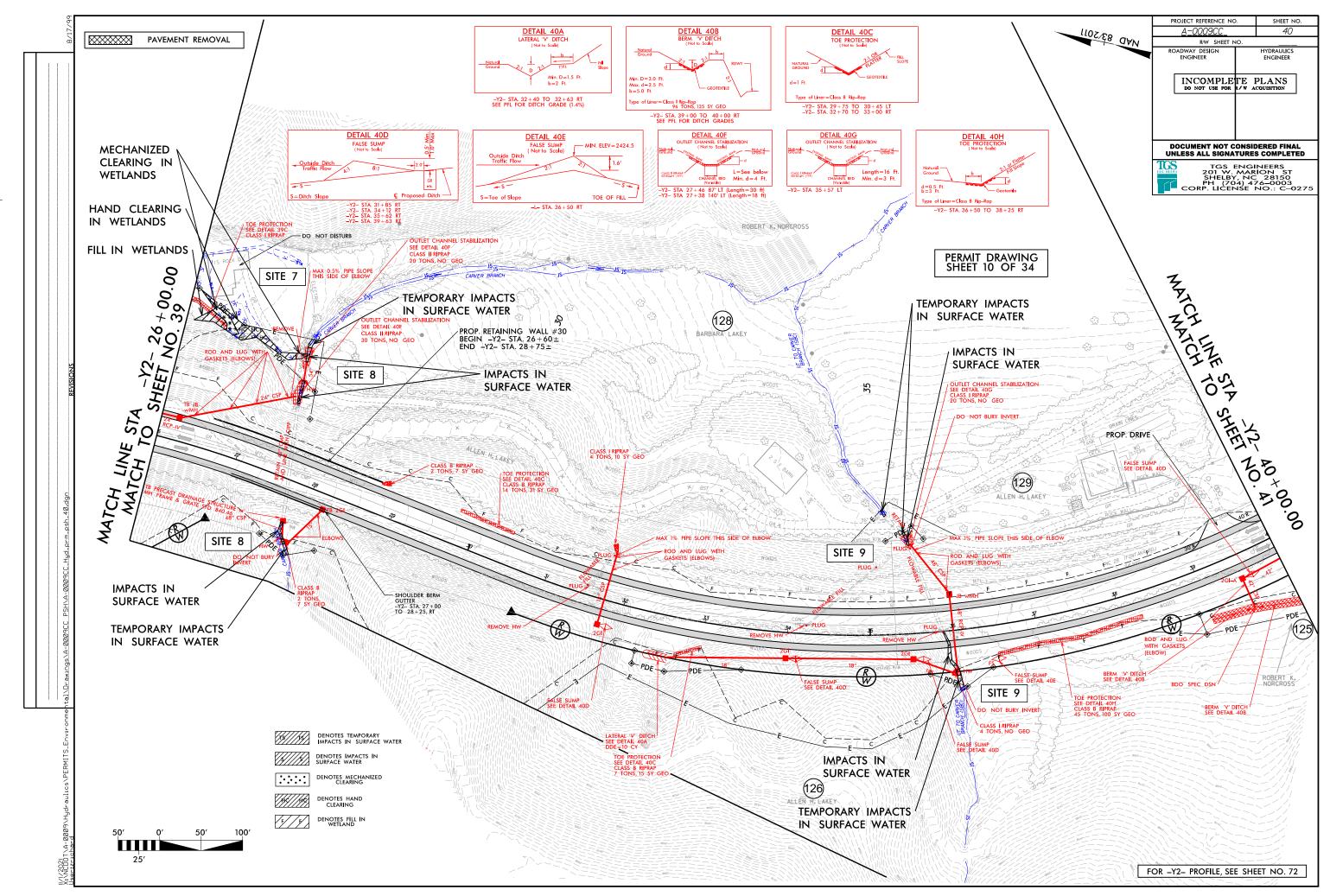


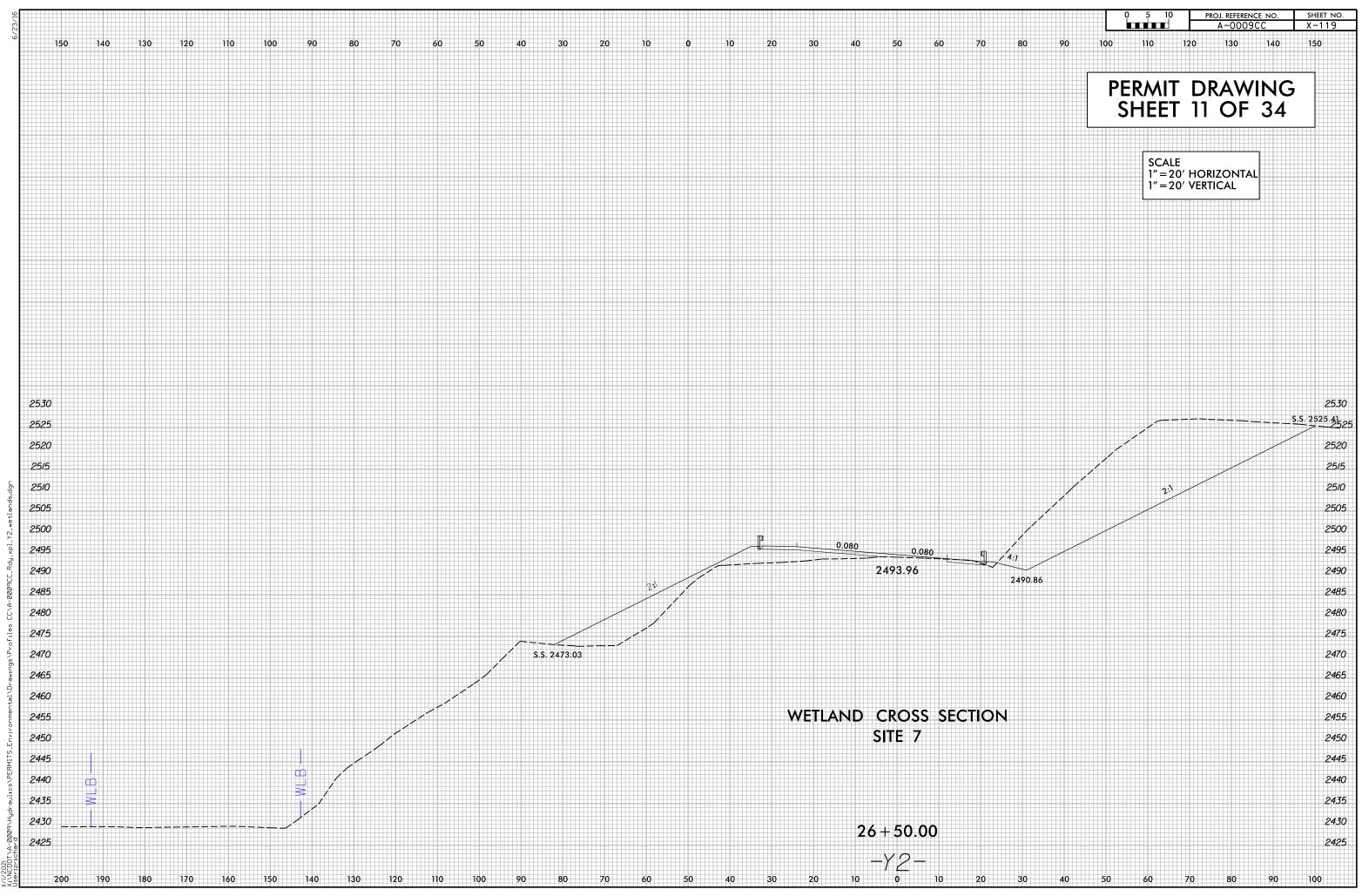


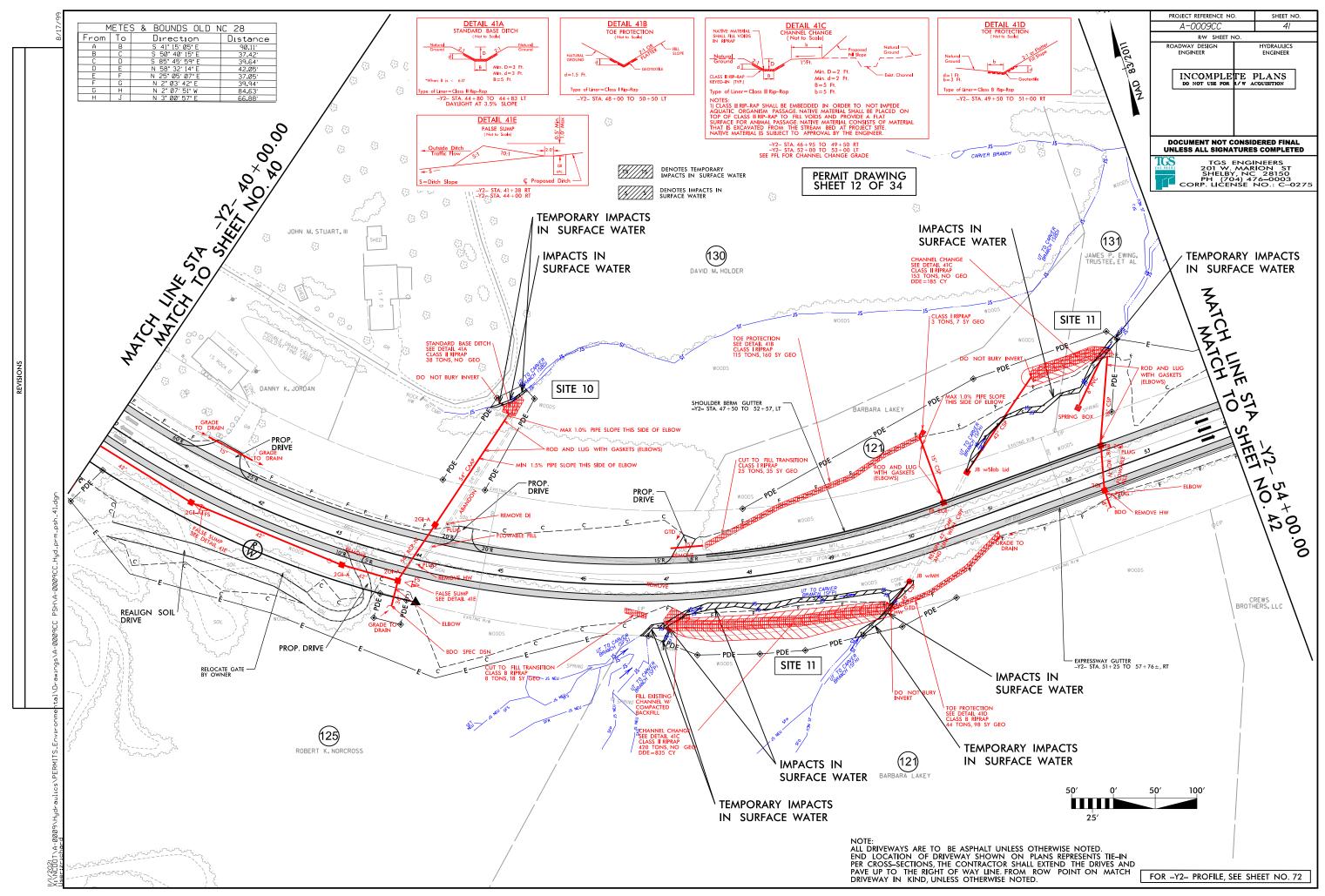


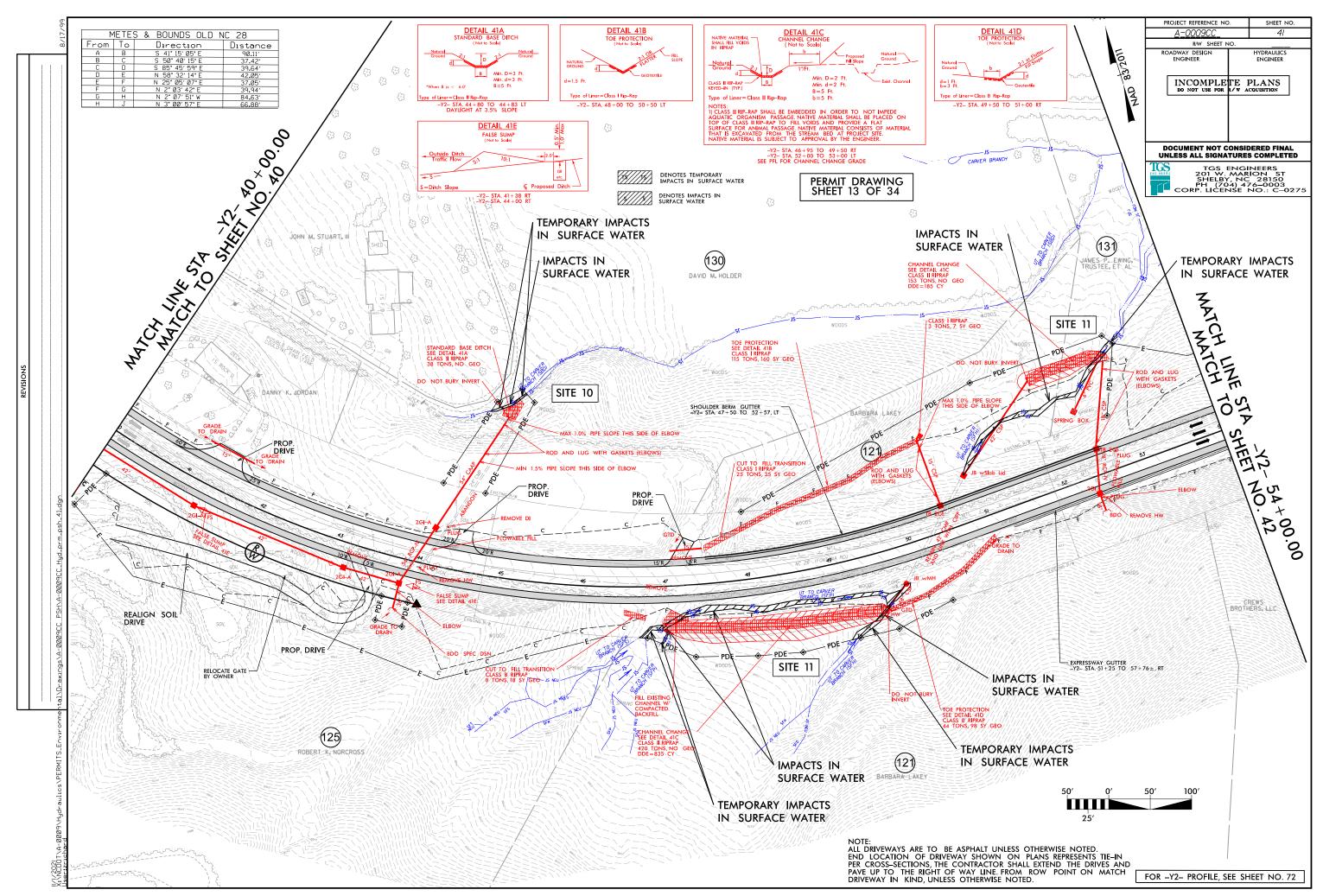


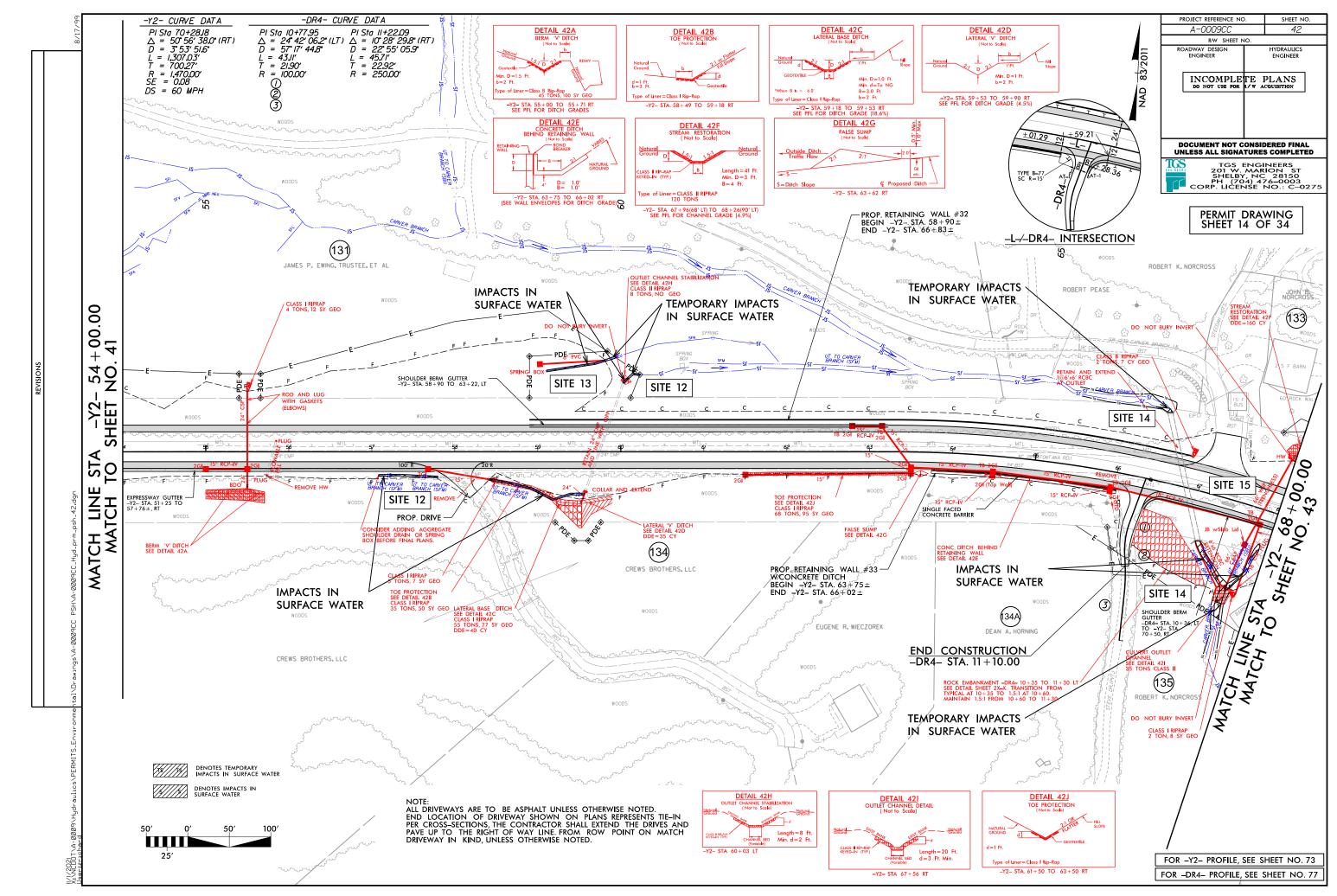


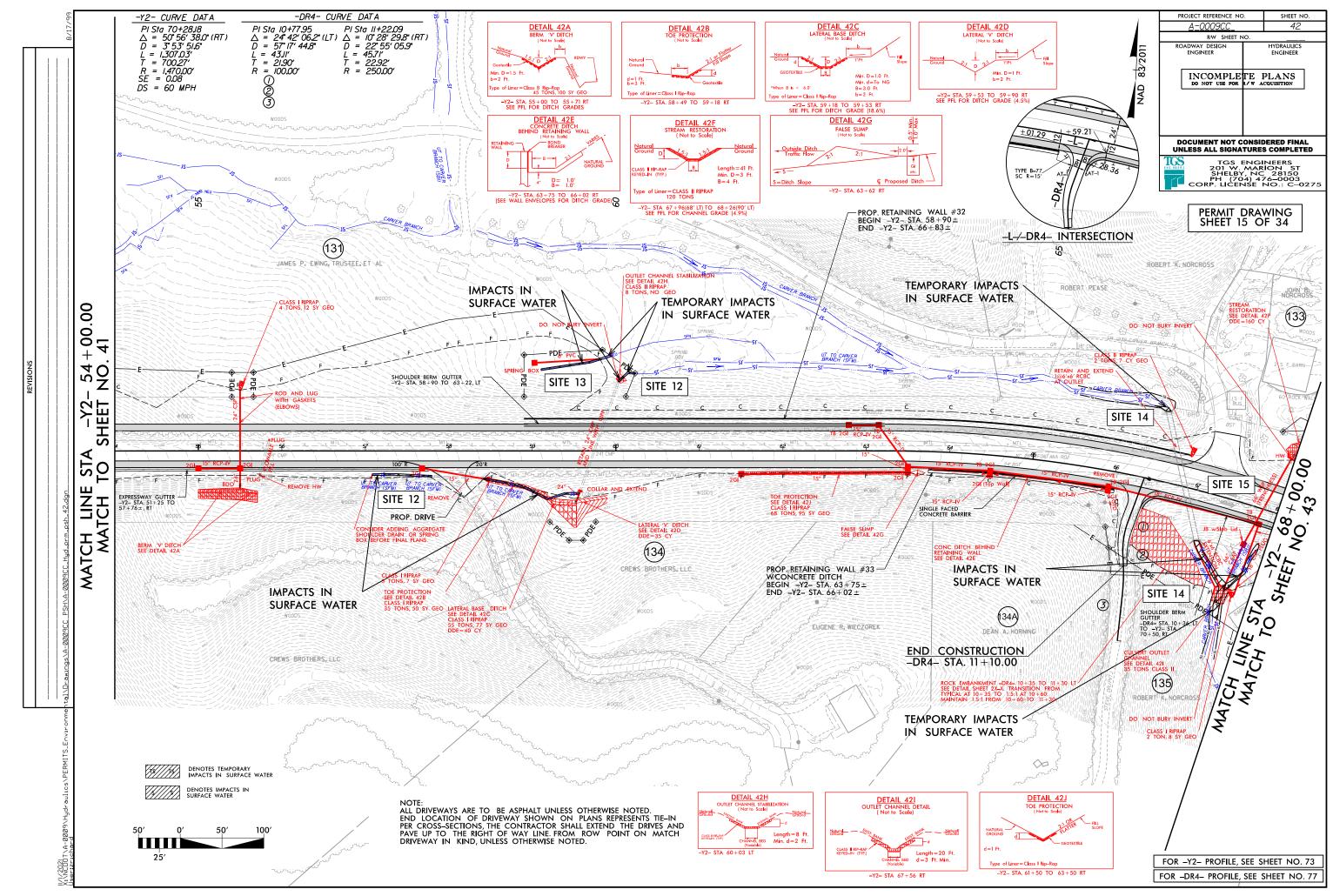


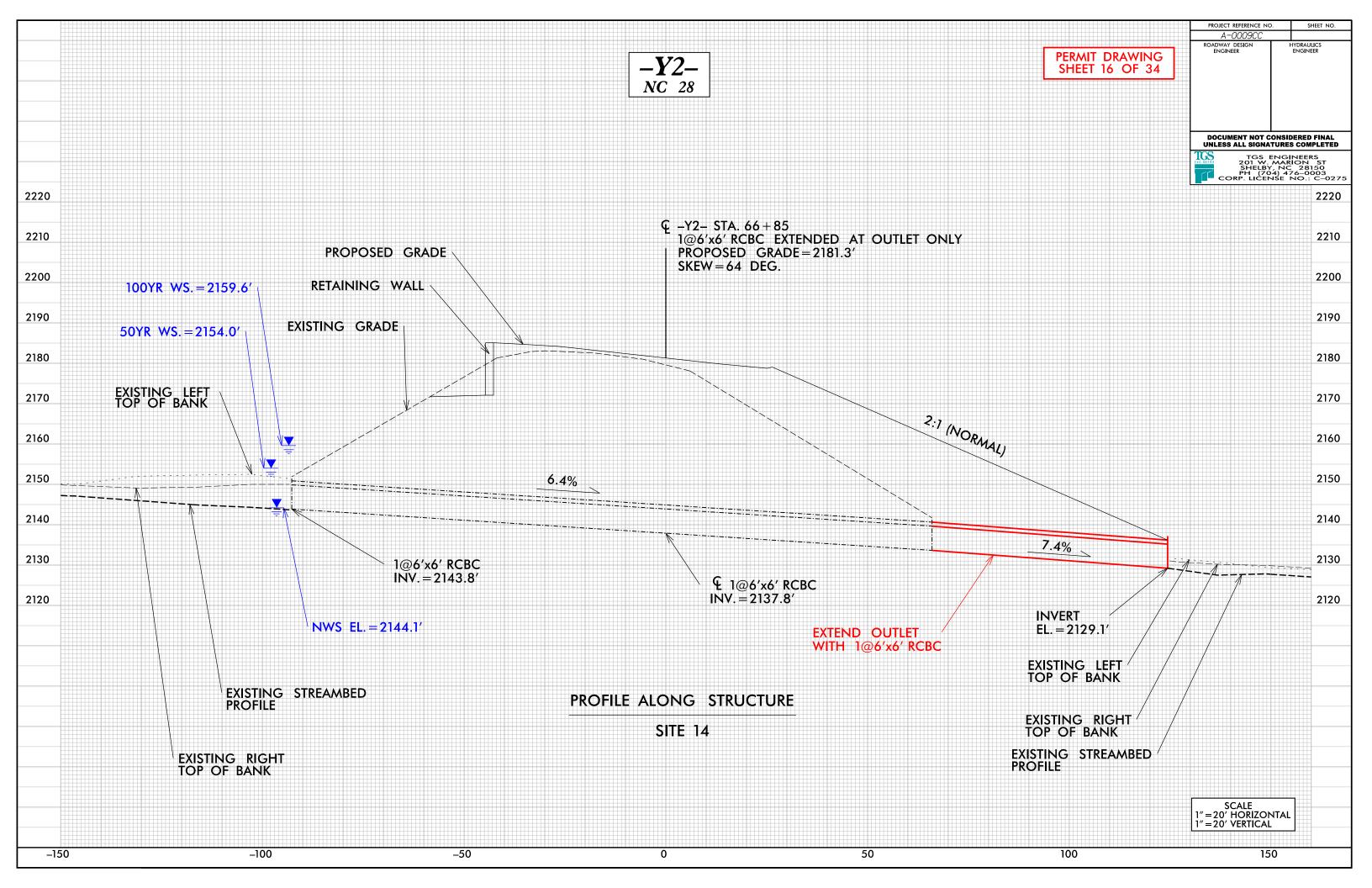


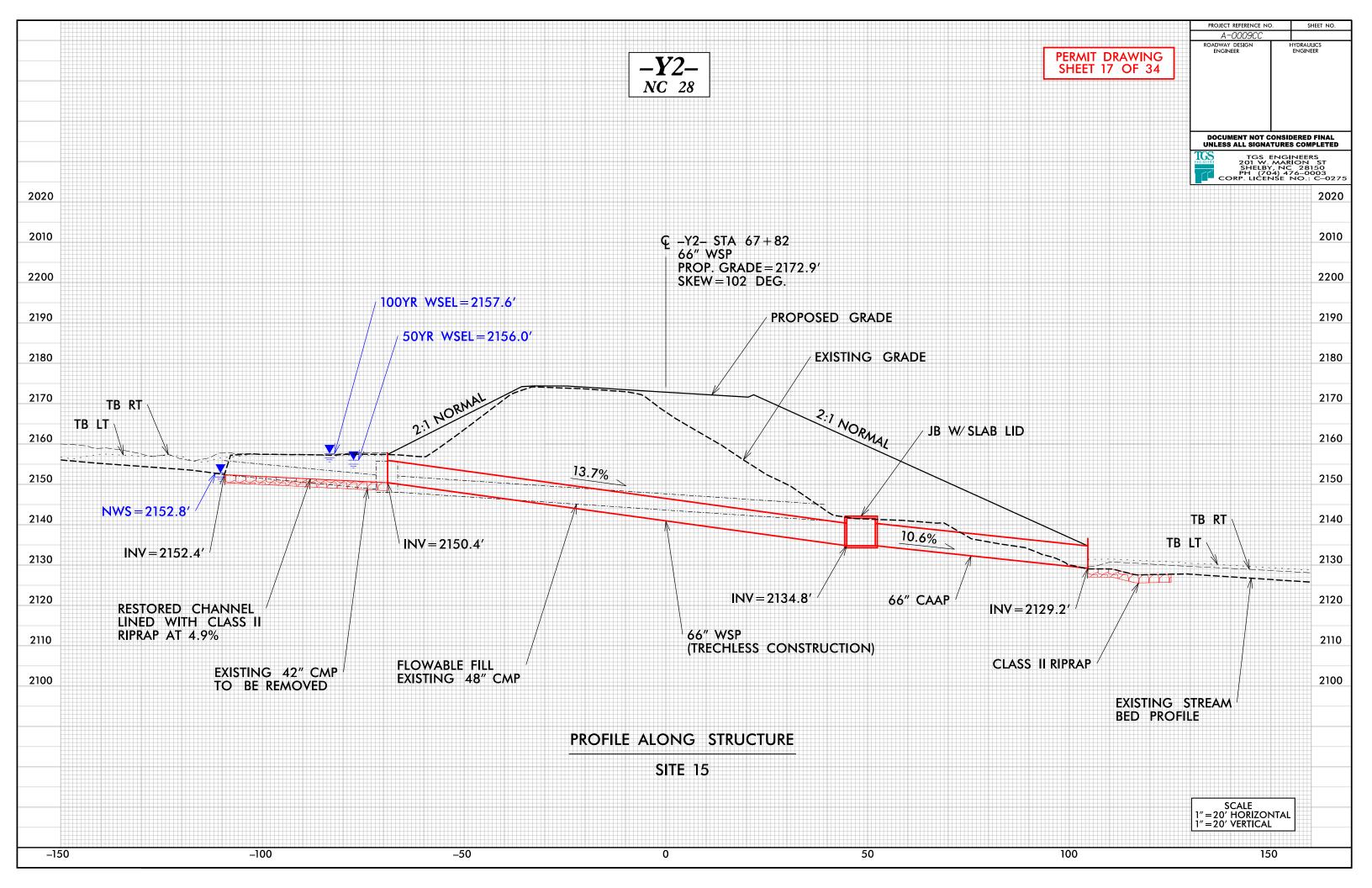


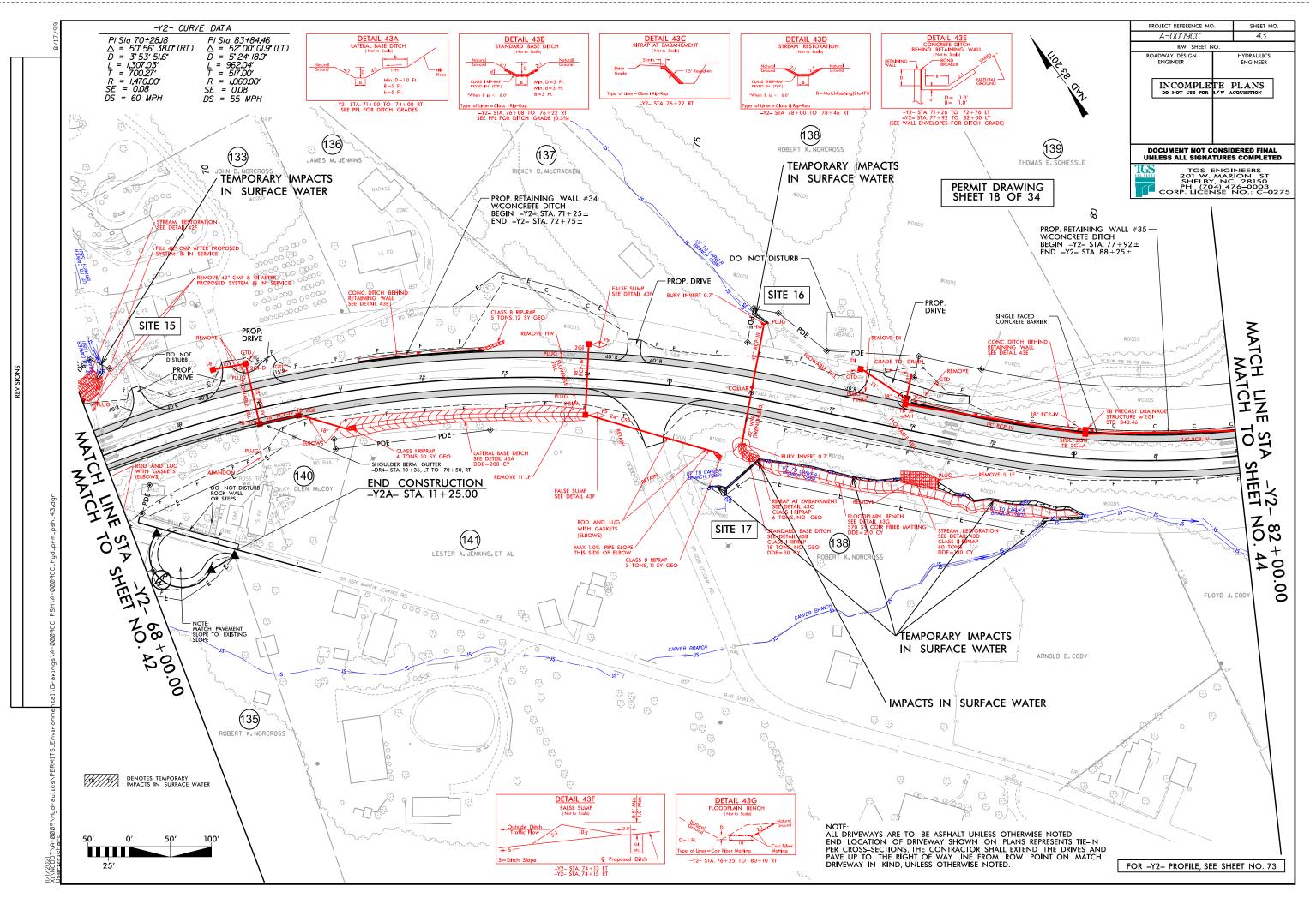


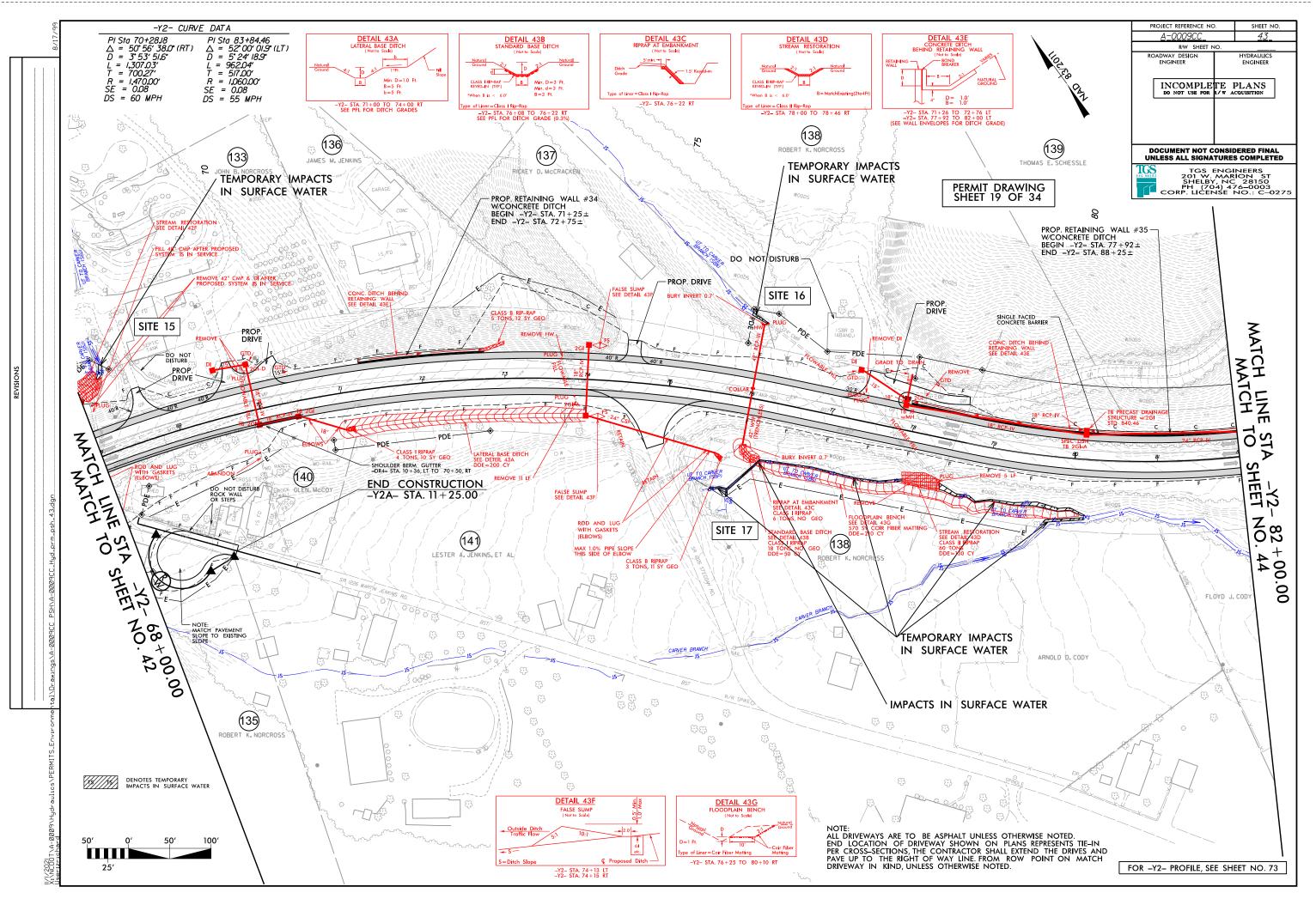




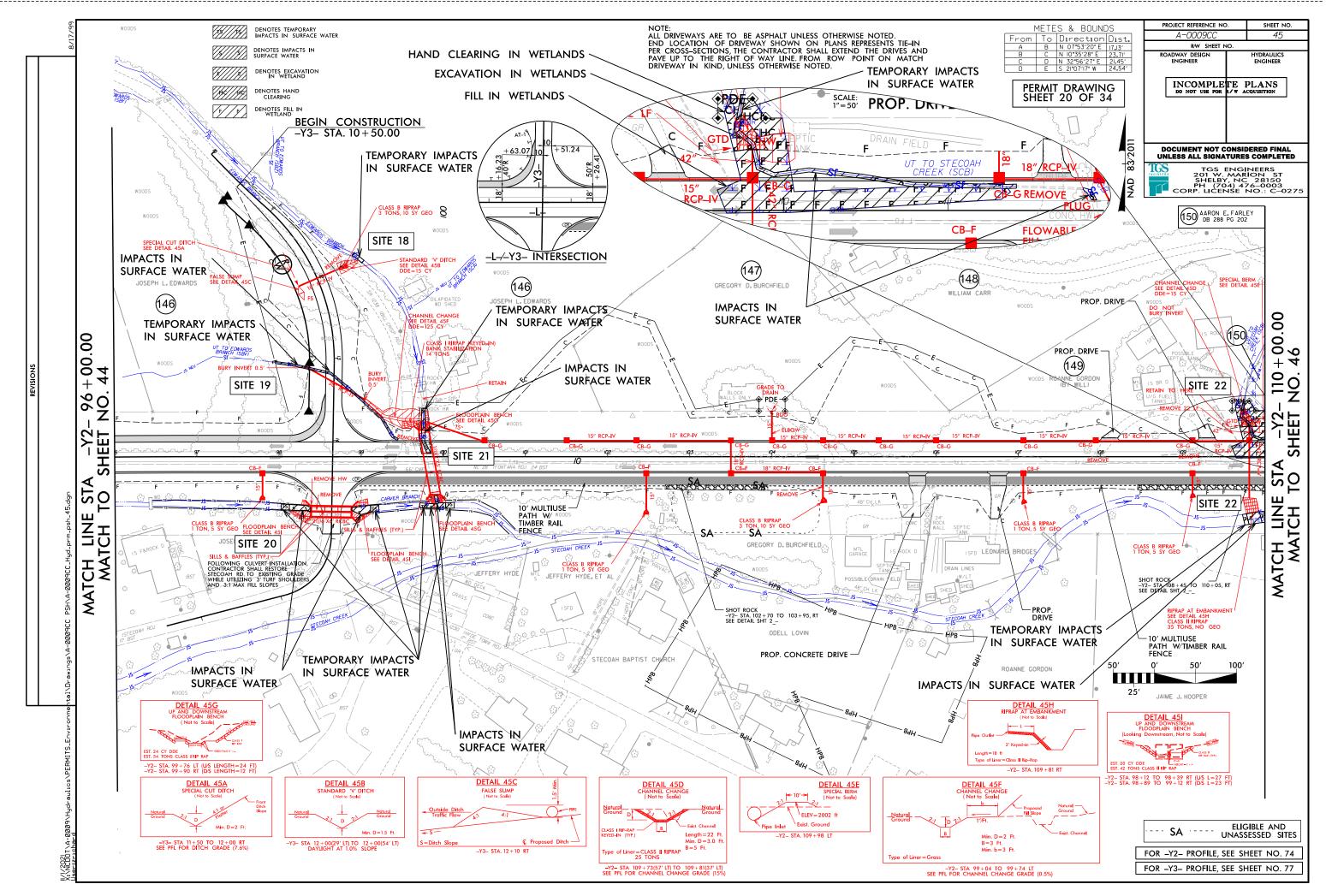


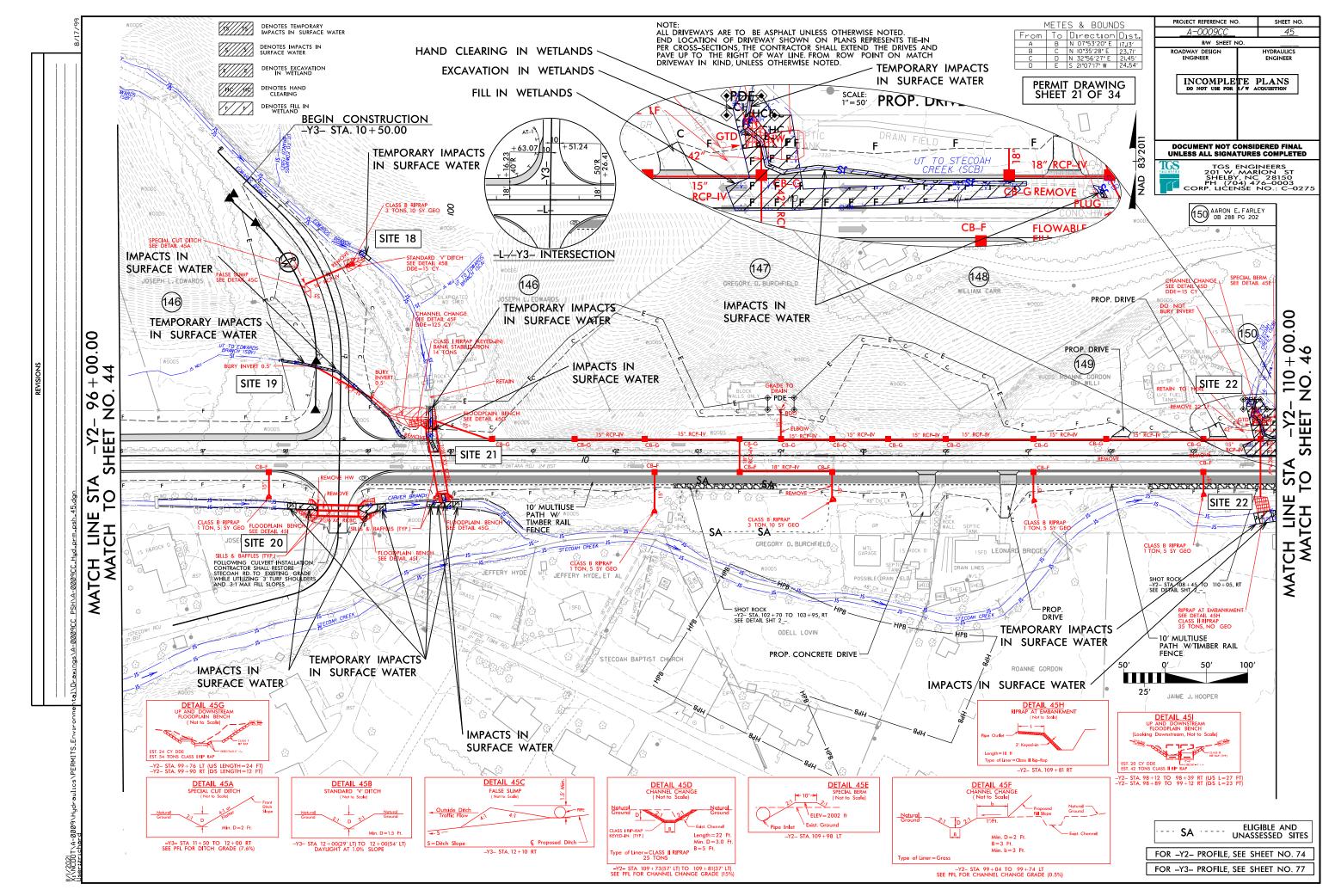


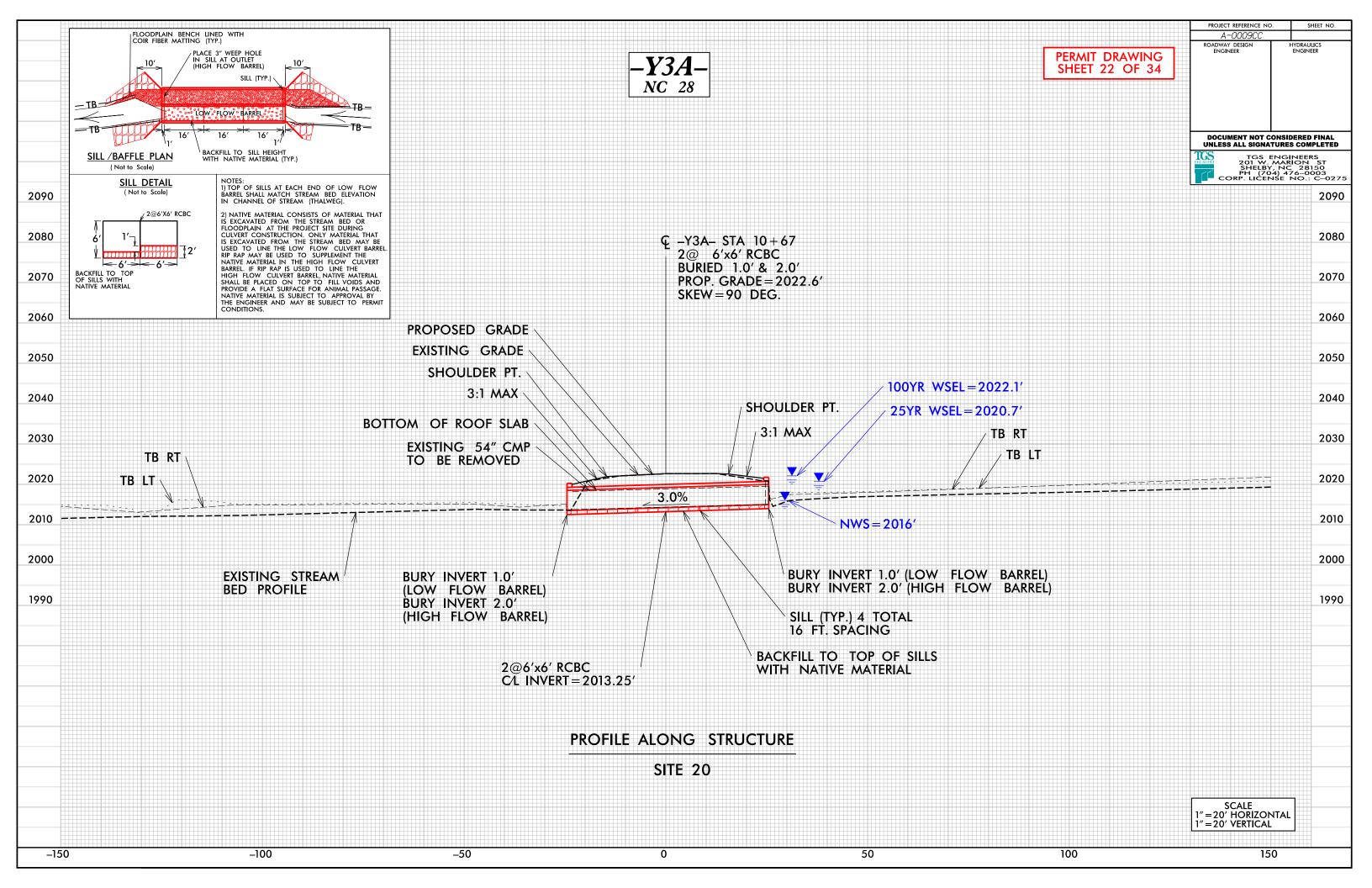


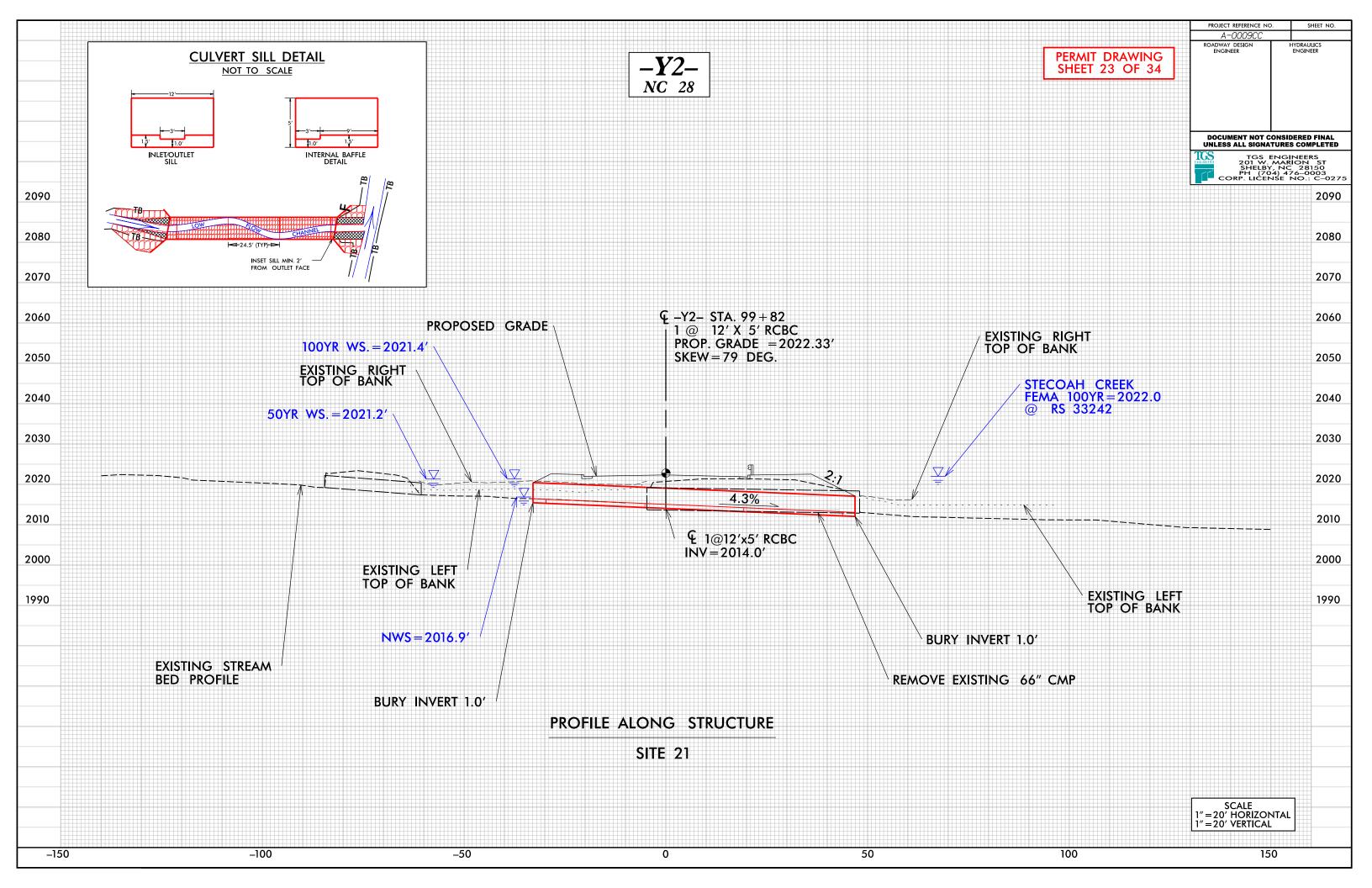


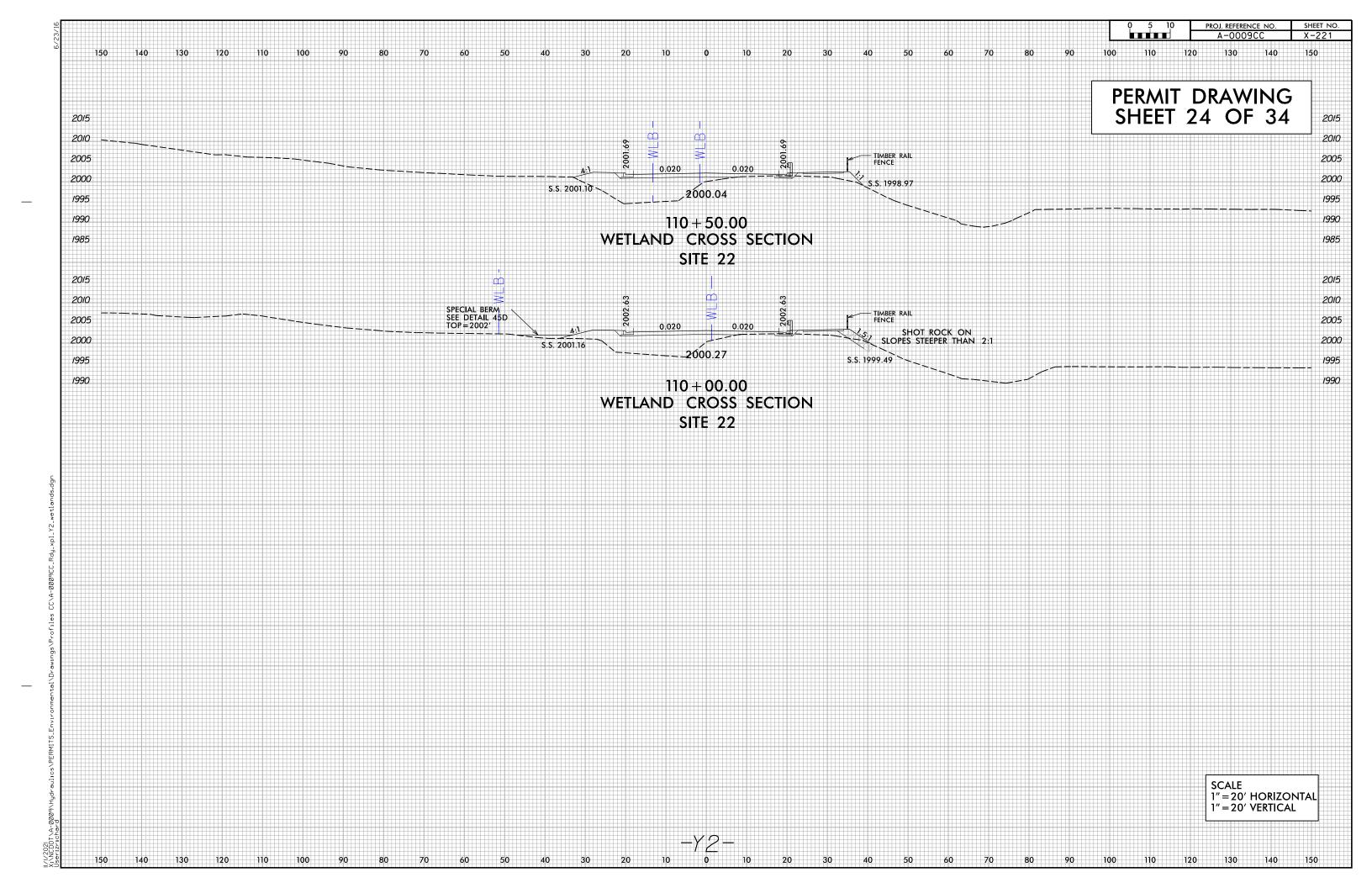
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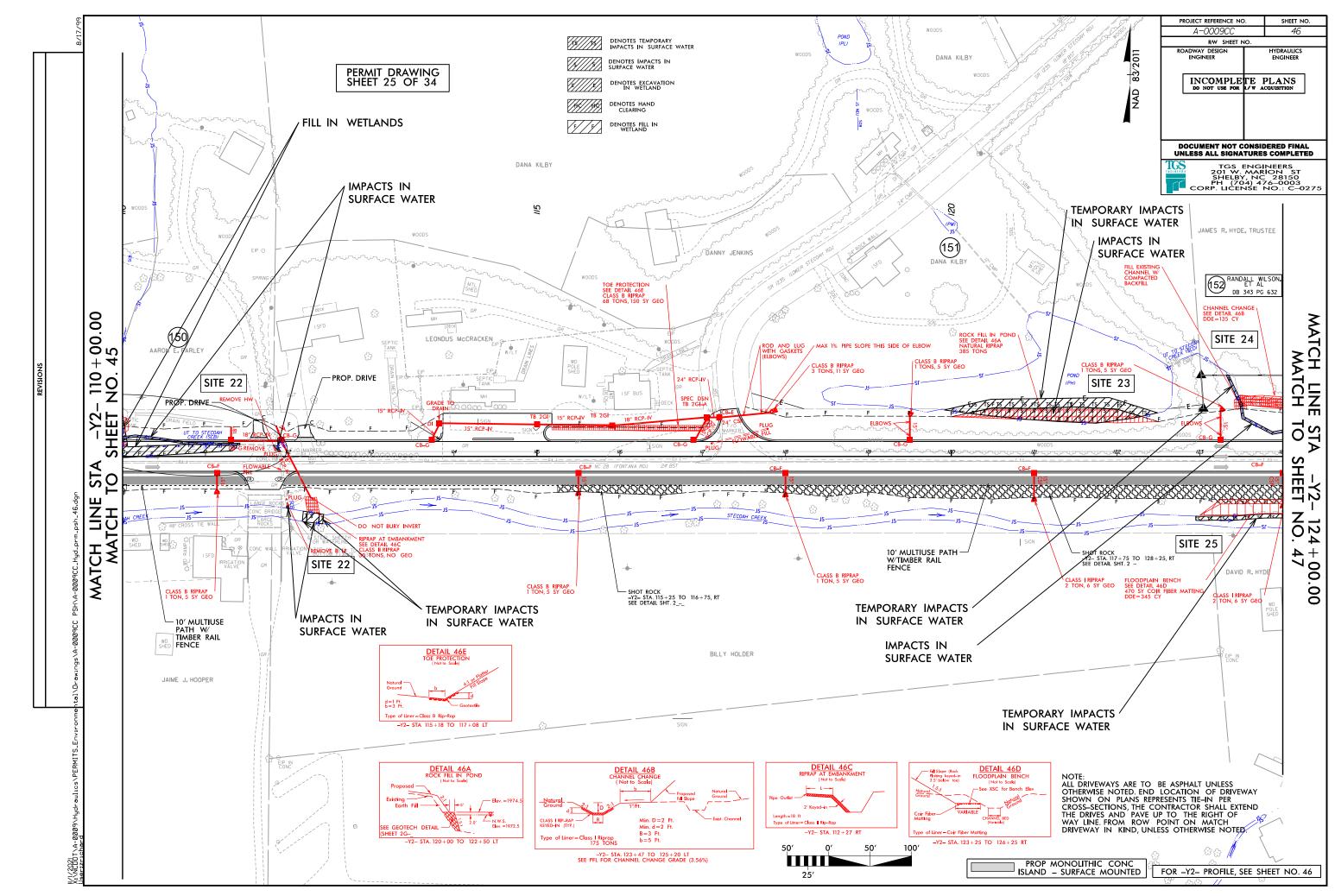


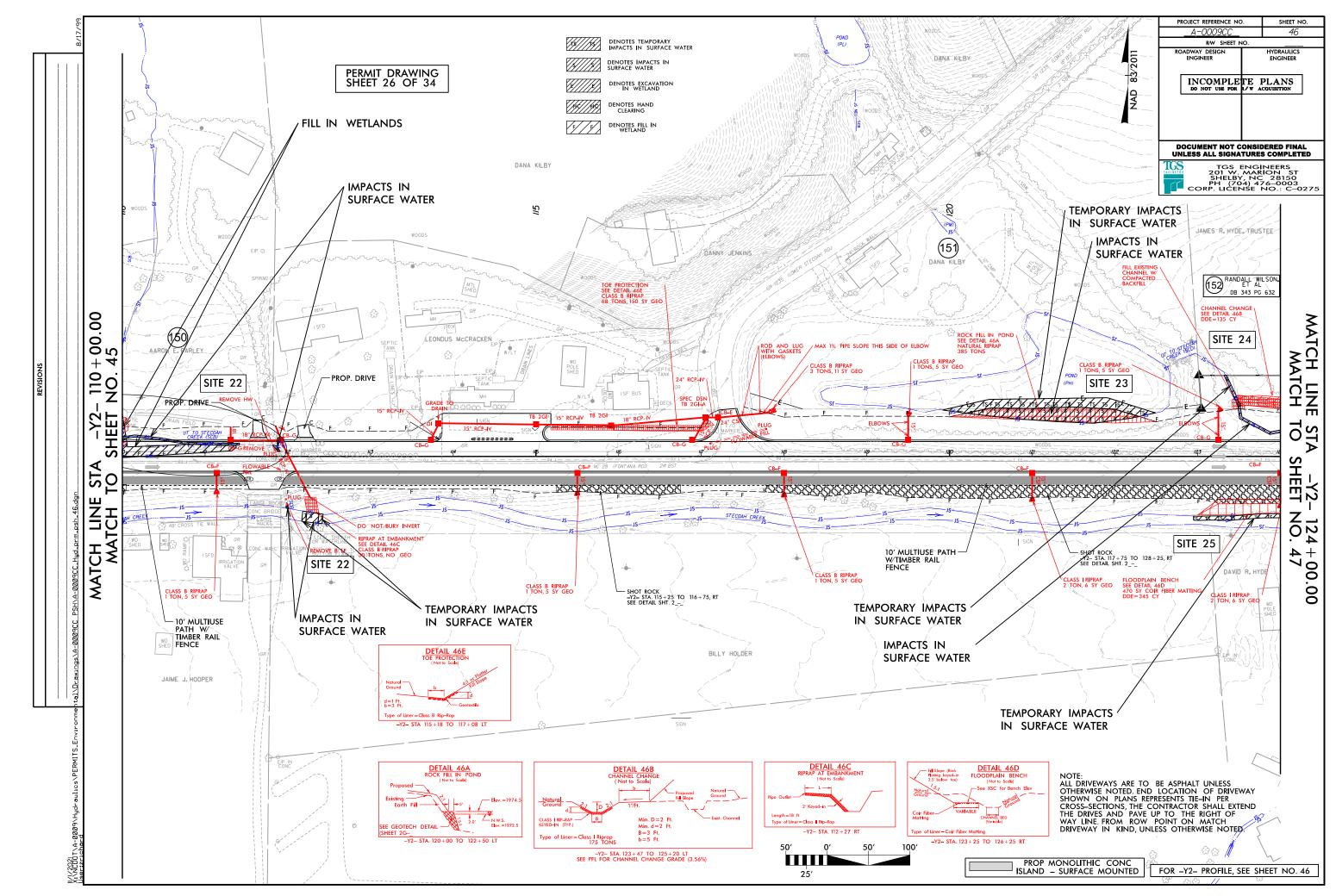


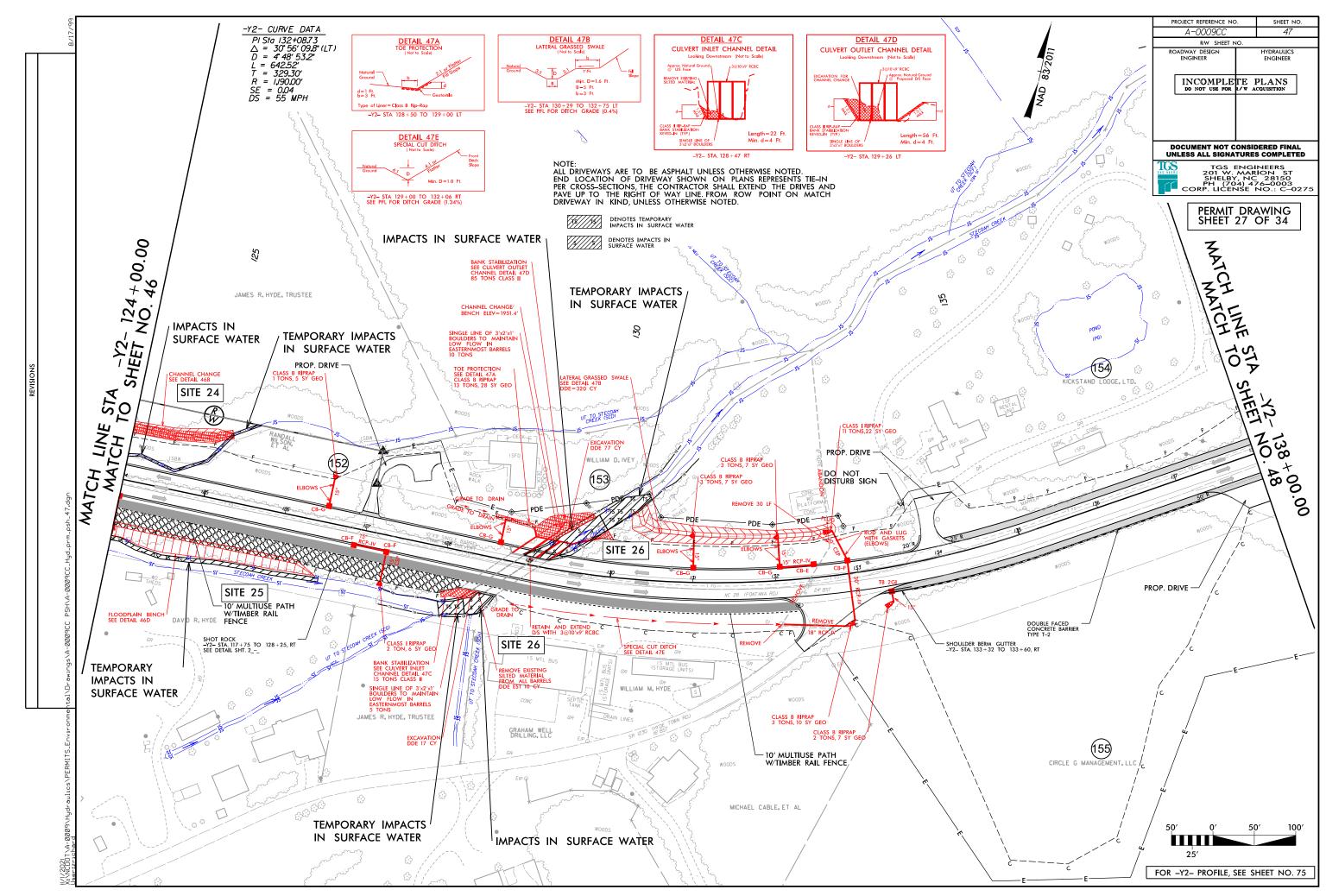


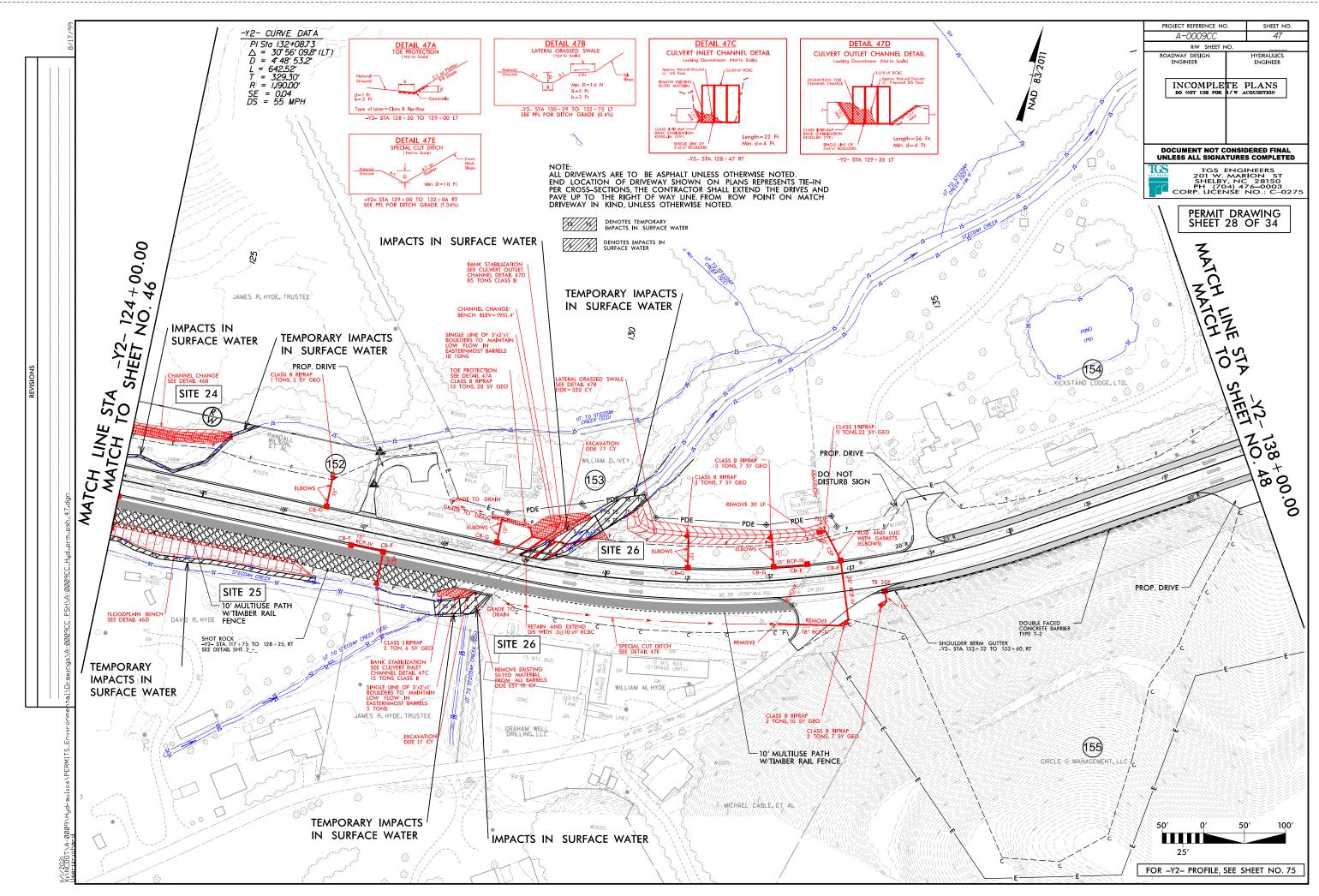


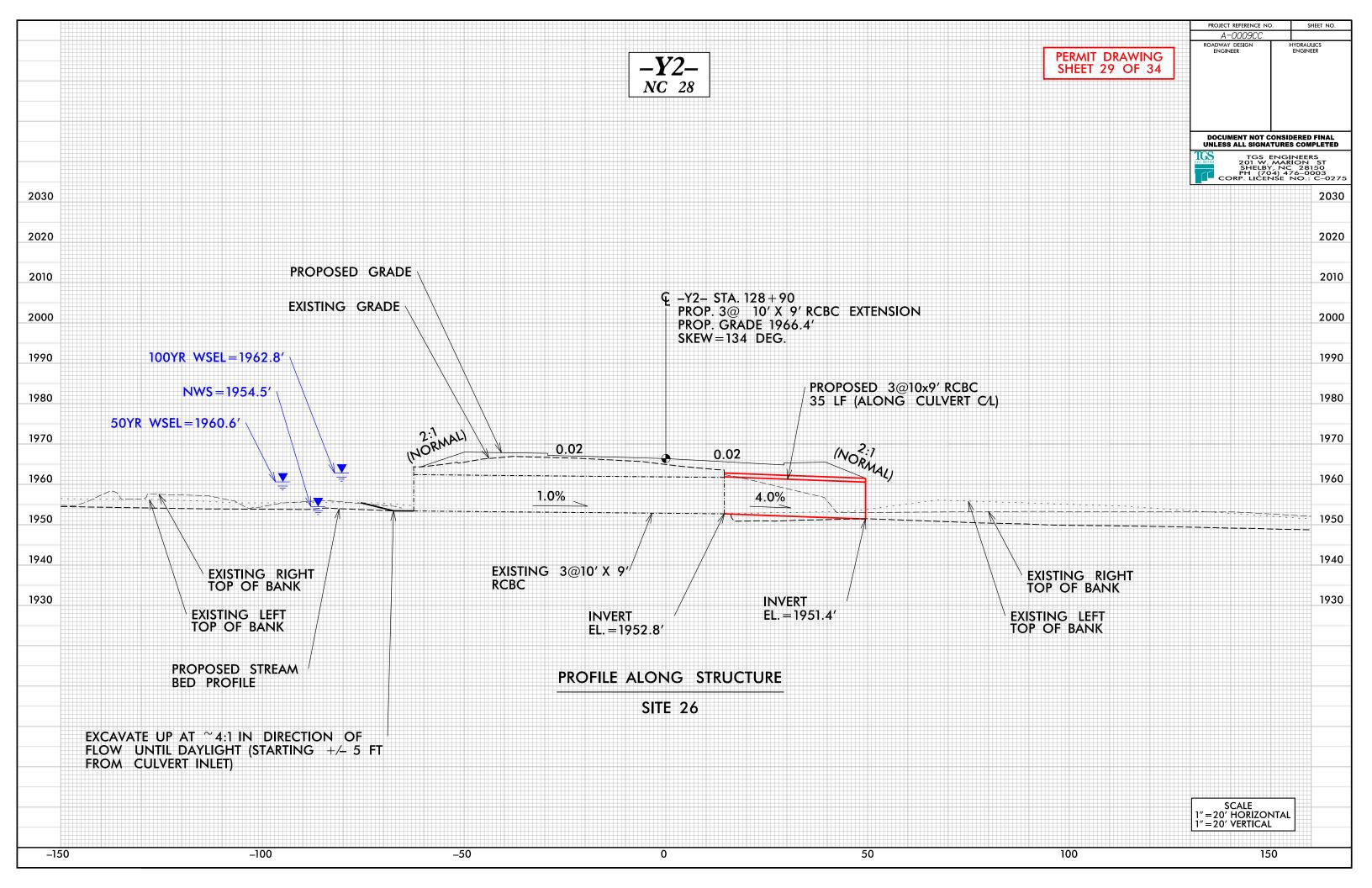


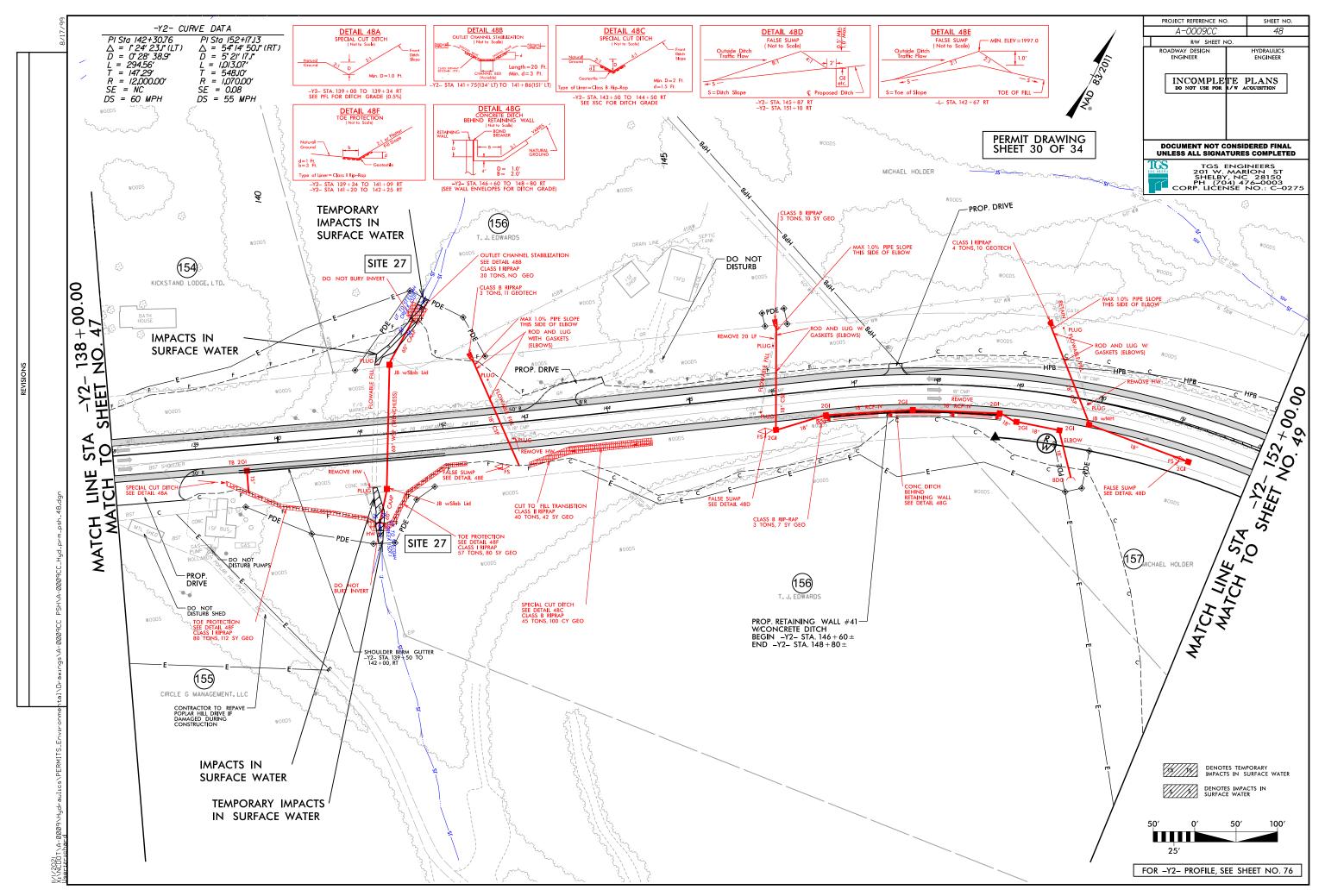


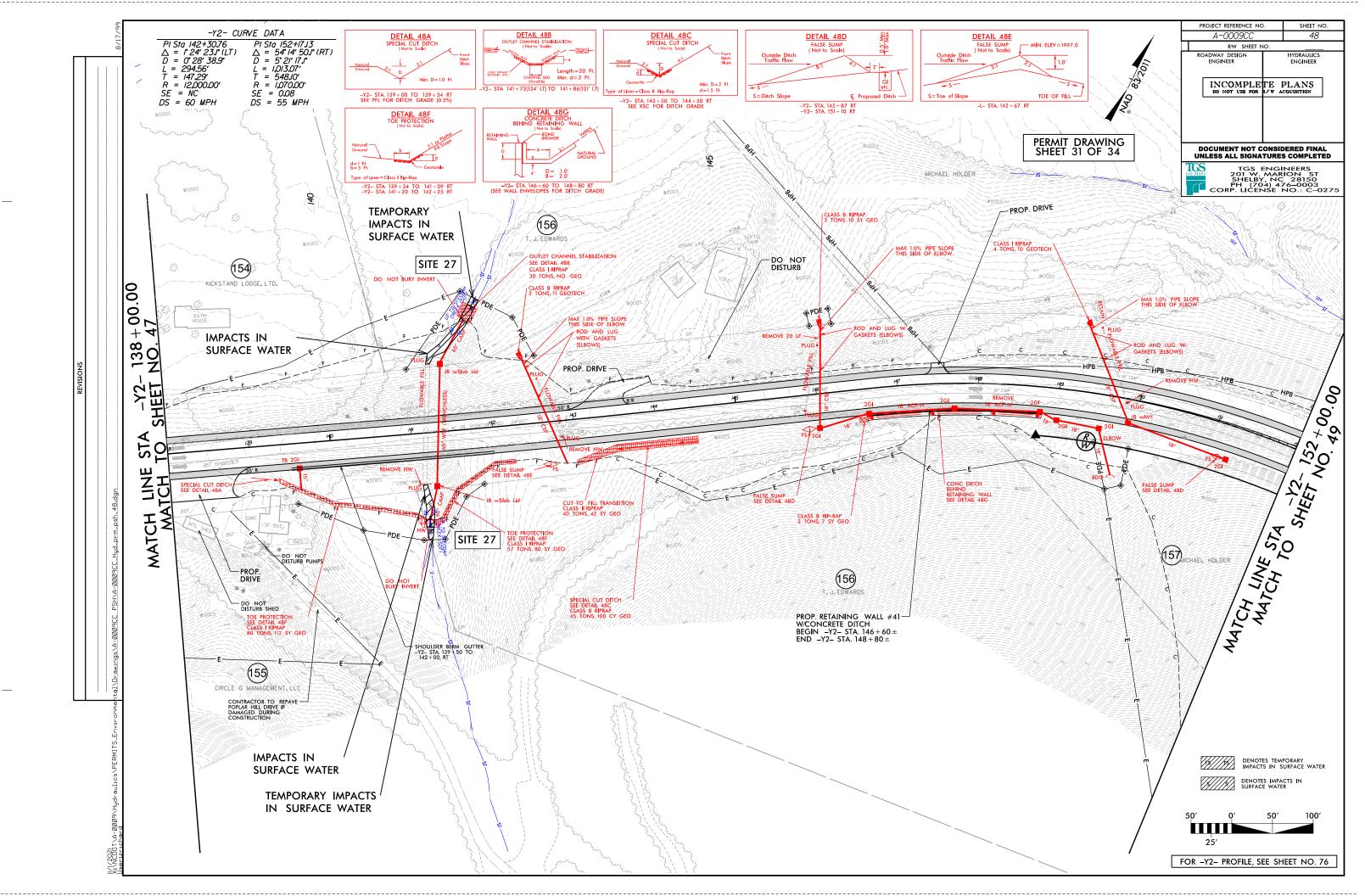


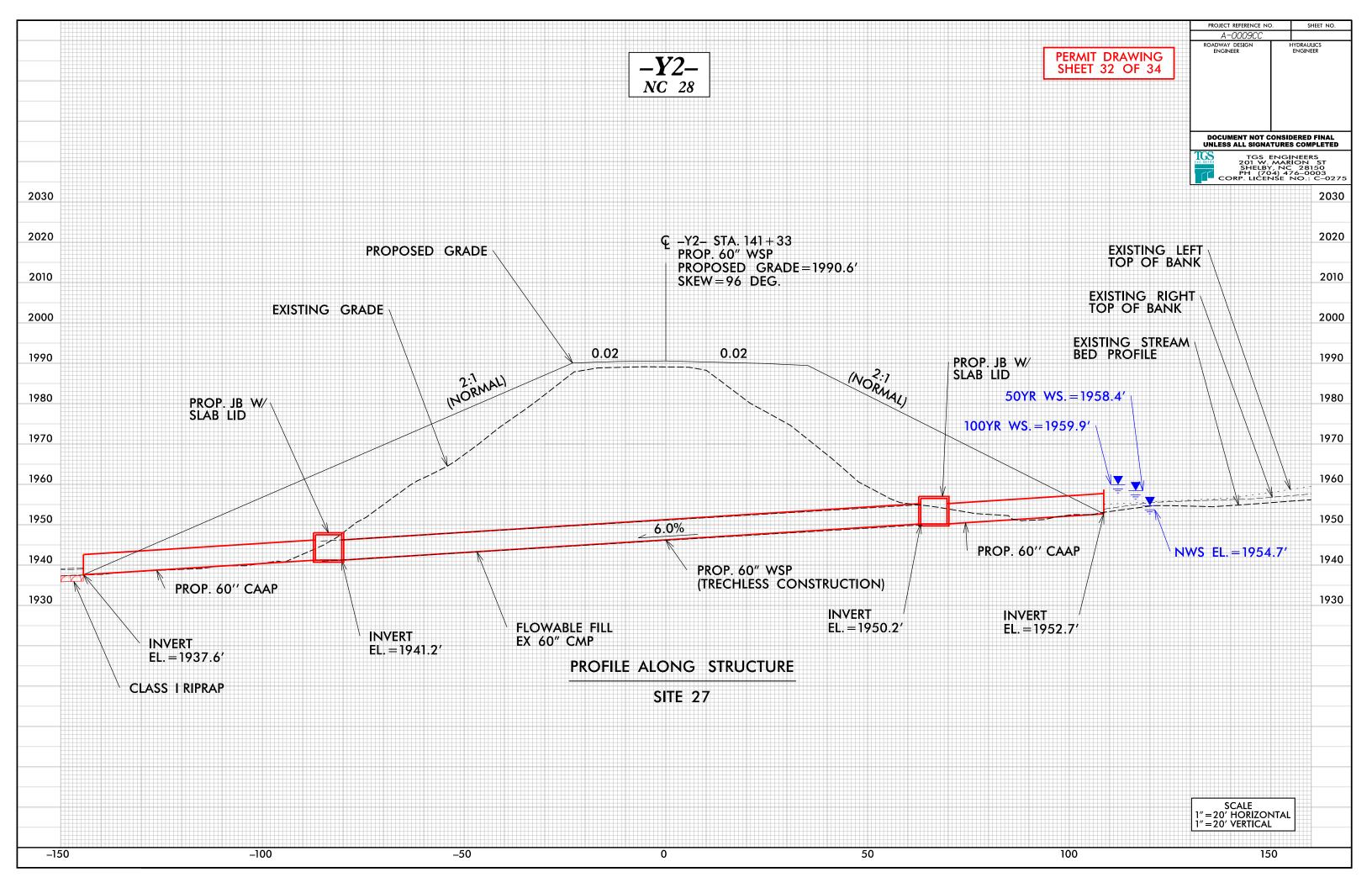












						WE	TLAND IMP	ACTS			SI	URFACE WA	TER IMPACTS		
									Hand			Existing	Existing	Existing	
				NCSAM /	Permanent	Temp.	Excavation	Mechanized	Clearing	Permanent	Temp.	Channel	Channel	Channel	Natural
Site	Station	Structure	NRTR	NCWAM	Fill In	Fill In	in	Clearing	in	SW	SW	Impacts	Impacts	Impacts	Stream
No.	(From/To)	Size / Type	Map ID	Rating	Wetlands	Wetlands	Wetlands	in Wetlands	Wetlands	impacts	impacts	Permanent	Permanent	Temp.	Desigr
					(ac)	(ac)	(ac)	(ac)	(ac)	(ac)	(ac)		Non-Mitigable (ft)		(ft)
1	-L- 419+21 to 419+65 LT	24" CSP/Berm Ditch	SBB							< 0.01	< 0.01	38		54	<u> </u>
1	-L- 419+21 to 419+44 LT	Impacts to Wetland	WBB	Medium			< 0.01		< 0.01						
2	-L- 458+23 to 458+31 LT	36" CMP Inlet	SBC								< 0.01			69	
2	-L- 458+27 to 458+53 RT	36" CMP Outlet	SBC							< 0.01	< 0.01	18		17	<u> </u>
3	-L- 467+36 to 467+47 LT	36" CMP Inlet	Carver Branch	Low							< 0.01			16	<u> </u>
3	-L- 468+02 to 468+28 RT	36" CMP Outlet	Carver Branch	Low						< 0.01	< 0.01	12		20	<u> </u>
4	-Y2- 13+50 to 13+73 RT	36" CMP Inlet	Johnson Gap Branch								< 0.01			27	<u> </u>
4	-Y2- 12+79 to 13+07 LT	36" CMP Outlet	Johnson Gap Branch							< 0.01	< 0.01		12	24	
4	-Y2- 13+06 to 13+24 LT	36" CMP Outlet	SEY								< 0.01			18	
4	-Y2- 12+60 to 12+84 LT	36" CMP Outlet	SEZ								< 0.01			24	
5	-Y2- 14+46 to 15+25 RT	36" RCP Outlet	Johnson Gap Branch								< 0.01			83	
6	-Y2- 23+52 to 23+92 RT	Roadway	SBG							< 0.01		43			
7	-Y2- 26+08 to 27+35 LT	Roadway	WBV	Low	< 0.01			< 0.01	0.02						
8	-Y2- 27+79 to 28+01 RT	48" CSP Inlet	Carver Branch	Low						< 0.01	< 0.01	22		21	
8	-Y2- 27+32 to 27+47 LT	42" & 54" Outlet Channel	Carver Branch	Low						< 0.01	< 0.01	47		11	
9	-Y2- 35+91 to 36+06 RT	48" RCP Inlet	SBC							< 0.01	< 0.01	50	8	19	
9	-Y2- 35+16 to 35+53 LT	48" CSP Outlet	SBC							< 0.01	< 0.01	14		14	
10	-Y2- 44+52 to 45+01 LT	54" CAAP Outlet Channel	SBD							< 0.01	< 0.01		23	26	
11	-Y2- 46+92 to 47+00 RT	Channel Change	SFT							< 0.01	< 0.01	4		16	
11	-Y2- 46+67 to 49+75 RT	Channel Change	SFP	Medium						0.04	< 0.01	288		29	
11	-Y2- 49+06 to 49+87 RT	48" CSP Inlet	SFH							< 0.01	< 0.01	37	20	38	
11	-Y2- 50+88 to 53+14 LT	42" CSP / Channel Change	SFH							0.03	< 0.01	240		16	
12	-Y2- 57+08 to 59+56 RT	Roadway/Toe Protection	SFM							< 0.01		191			
12	-Y2- 60+02 to 60+23 LT	24" CMP Outlet	SFM							< 0.01	< 0.01	16		8	
13	-Y2- 59+10 to 59+95 LT	Roadway Fill	SFN							< 0.01	< 0.01	72		15	
14	-Y2- 66+30 to 66+49 LT	6'x6'x RCBC Inlet	Carver Branch	Low							< 0.01			19	

*Rounded totals are sum of actual impacts

**Notes:

NC DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS 11/1/2021 GRAHAM A-0009CC 32572.1.15

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						\\/厂	TLAND IMP	λοτο			CI		TER IMPACTS		
						VVE		ACTS	Hand		30	-		Estintin a	1
				NCSAM /	Permanent	Temp.	Excavation	Mechanized	Clearing	Permanent	Temp.	Existing Channel	Existing Channel	Existing Channel	Natura
Site	Station	Structure	NRTR	NCWAM	Fill In	Fill In	in	Clearing	in	SW	SW	Impacts	Impacts	Impacts	Stream
No.	(From/To)	Size / Type	Map ID	Rating	Wetlands	Wetlands	Wetlands	•	Wetlands	impacts	impacts	Permanent	Permanent	Temp.	Desig
	(,				(ac)	(ac)	(ac)	(ac)	(ac)	(ac)	(ac)		Non-Mitigable (ft)	•	(ft)
14	-Y2- 67+12 to 67+69 RT	6'x6' RCBC Outlet	Carver Branch	Low		. ,		. /		0.01	< 0.01	84		20	
15	-Y2- 68+25 to 68+35 LT	Stream Restoration	SBJ								< 0.01			20	
15	-Y2- 67+66 to 67+91 RT	66" CAAP	SBJ							< 0.01		67			
16	-Y2- 75+85 to 76+04 LT	42" RCP Inlet	SBN								< 0.01			22	
17	-Y2- 75+67 to 75+89 RT	Construction Easement	SBP								< 0.01			21	
17	-Y2- 75+89 to 80+17 RT	Floodplain Bench	SBO							< 0.01	0.02		6	419	
17	-Y2- 79+70 to 80+15 RT	Floodplain Bench	Carver Branch	Low							< 0.01			50	
18	-Y3- 11+91 to 12+04 LT	18" RCP Outlet Ditch	Edwards Branch								< 0.01			16	
19	-Y2- 97+95 to 99+45 LT	30" RCP & Channel Change	SBV							< 0.01	< 0.01	67	77	42	
20	-Y2- 98+02 to 99+22 RT	2@6'x6' RCBC	Carver Branch	Low						< 0.01	< 0.01		50	20	
21	-Y2- 99+73 to 99+85 LT	1@12'x5' RCBC Inlet	Edwards Branch							< 0.01	< 0.01	30	24	3	
21	-Y2- 99+89 to 99+94 RT	1@12'x5' RCBC Outlet	Edwards Branch							< 0.01			10		
21	-Y2- 99+71 to 100+13 RT	Floodplain Bench Const.	Carver Branch	Low						< 0.01	< 0.01		23	20	
22	-Y2- 109+70 to 112+01 LT&RT	Roadway/Channel Change	SCB							0.01	< 0.01	209		12	
22	-Y2- 109+60 to 111+38 LT	Roadway/Channel Change	WBR	Medium	0.07		< 0.01		0.01						
22	-Y2- 109+73 to 112+43 RT	Bank Stabilization	Stecoah Creek							< 0.01	< 0.01		31	20	
23	-Y2- 119+92 to 122+49 LT	Rock Fill in Pond	PH							0.06	0.06				
24	-Y2- 123+32 to 125+51 LT	Channel Change	SCD							0.02	< 0.01	226		66	
25	-Y2- 122+95 to 126+55 RT	Floodplain Bench Const.	Stecoah Creek								0.04			361	
26	-Y2- 128+02 to 128+66 RT	Bank Stabilization	Stecoah Creek							0.01	0.01		31	31	
26	-Y2- 128+93 to 130+43 LT	3@10'x9' RCBC Outlet	Stecoah Creek							0.04	0.03	35	54	65	
27	-Y2- 141+09 to 141+21 RT	60" CAAP Inlet	SDT							0.01	< 0.01	43	9	16	
27	-Y2- 141+25 to 141+97 LT	60" CAAP Outlet	SDT							0.02	< 0.01	91		11	
SHEET TOTALS*:					0.07		< 0.01		0.01	0.22	0.20	852	315	1235	

*Rounded totals are sum of actual impacts

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