Addendum 1: Updates to contract drawings



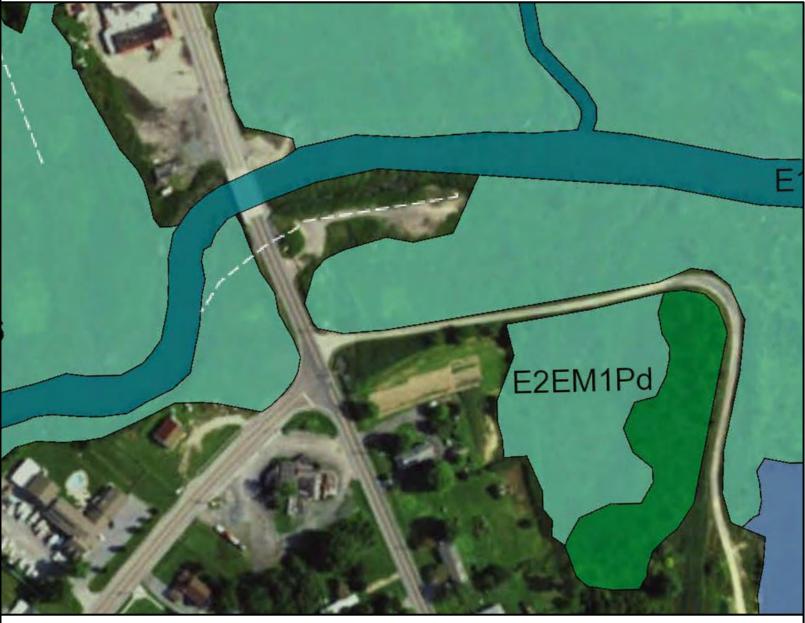
CONSTRUCTION PLANS FOR DELAWARE DIVISION OF FISH & WILDLIFE LITTLE CREEK BOAT RAMP T.P. ED-00-078.00-01-08.00

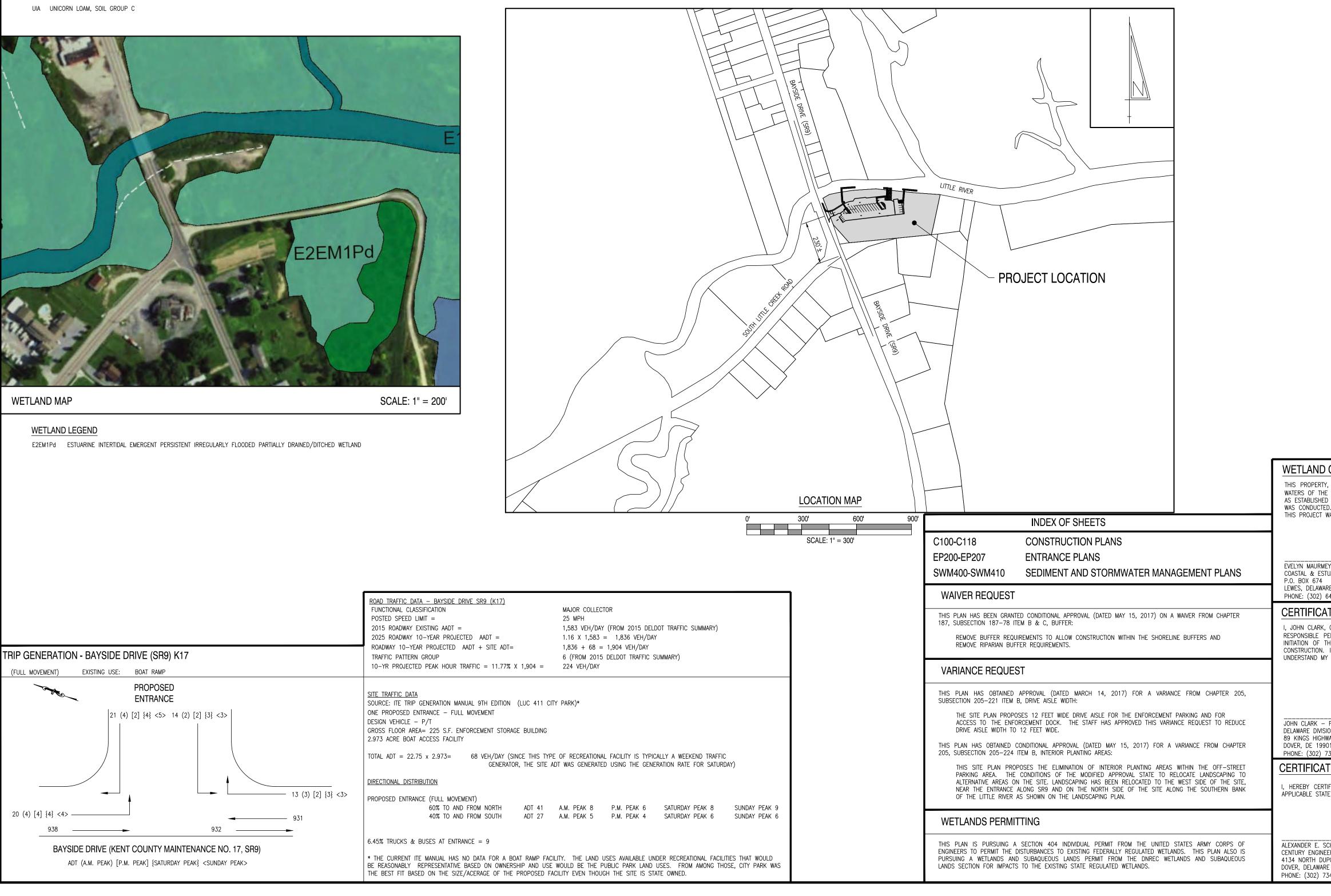
SOIL MAP

SOIL LEGEN

- Ba BROADKILL-APPOQUINIMINK COMPLEX, SOIL GROUP [

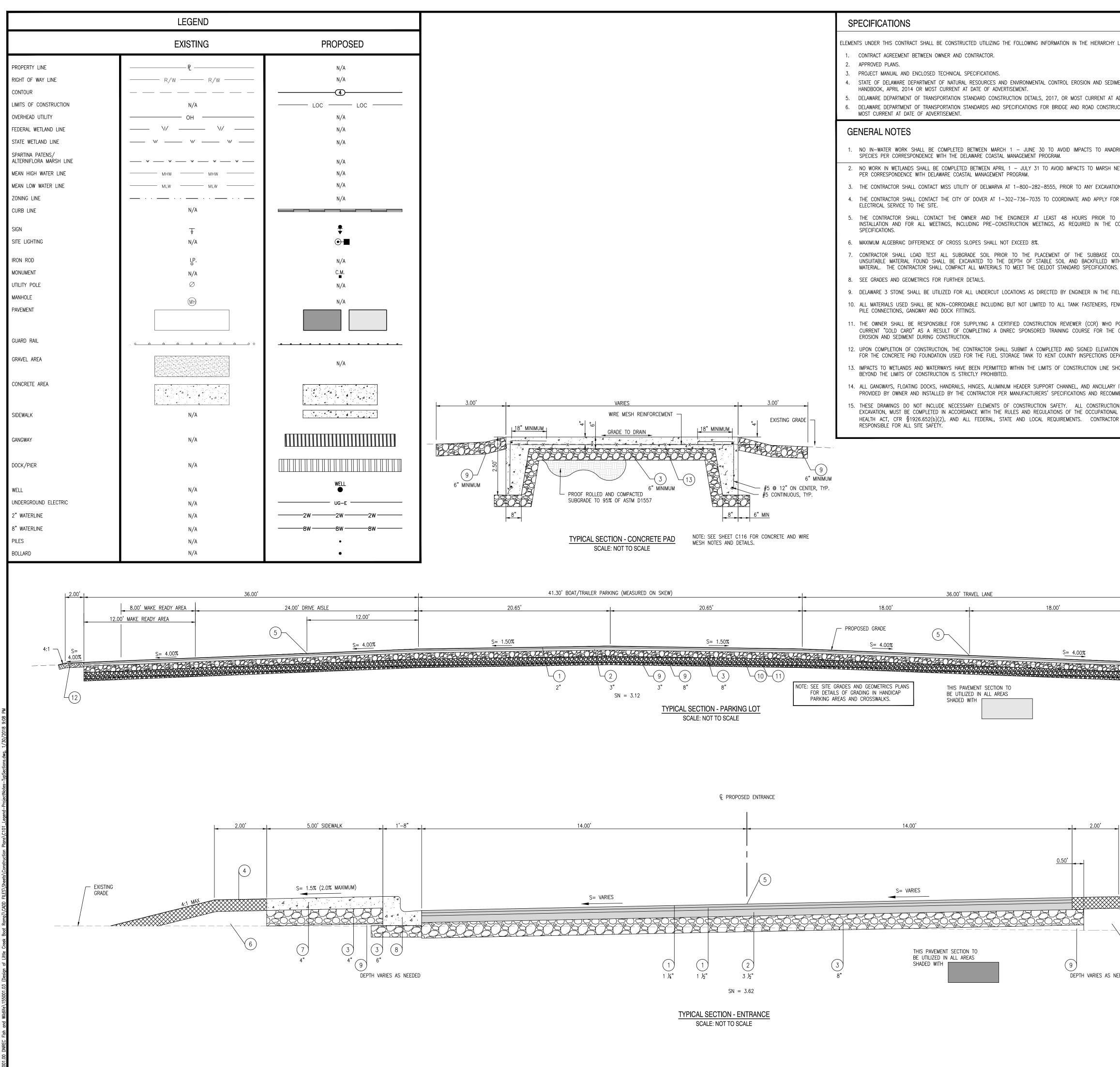




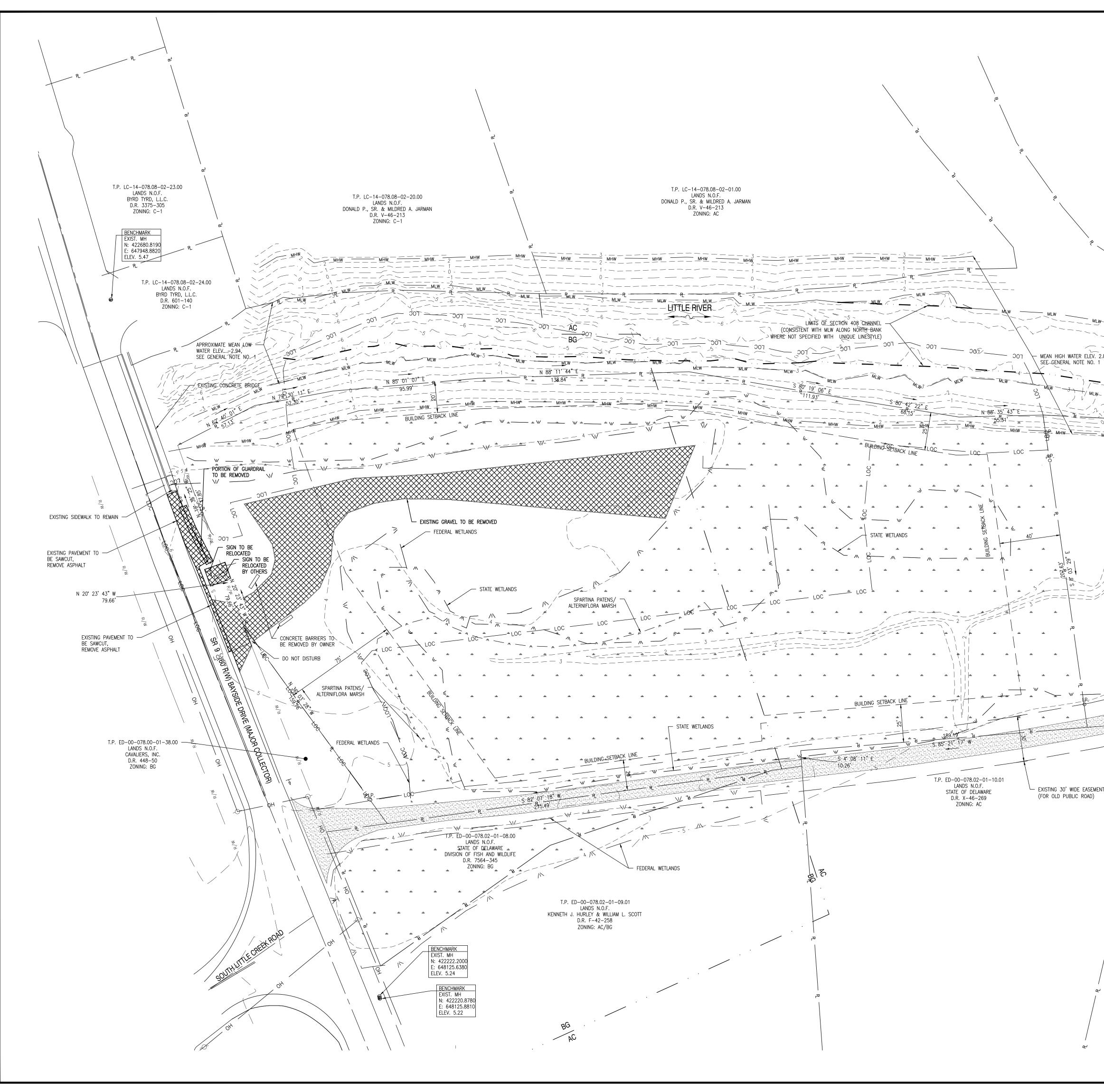


BAYSIDE DRIVE (SR9, KCR17) LITTLE CREEK HUNDRED, KENT COUNTY, DELAWARE

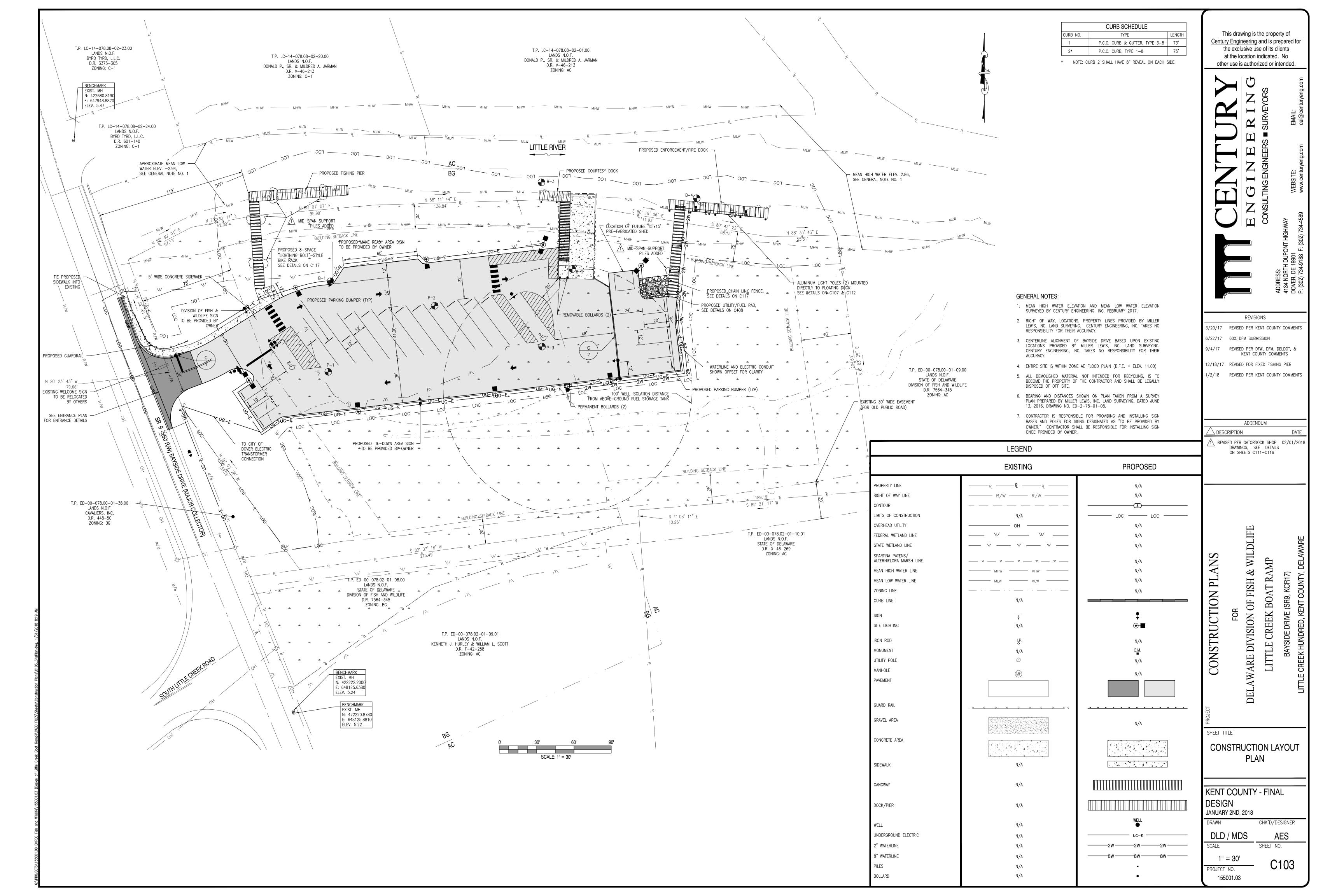
		DATA COLUMN					\int					
	1.	TAX PARCEL NUMBER:	ED-00-	078.00-01-08.0	00		l T	his drav	vina is t	he pror	ertv of	
	2.	KENT COUNTY FILE NUMBER:	S-17-0				Centu	ry Engin he exclu	eering	and is p	reparec	d for
	3.	ADDRESS OF SITE:	BAYSIDE DOVER,	DRIVE DE 19901				at the lo	cation i	ndicate	d. No	
	4.	ZONING:		ERAL BUSINESS ICULTURAL CONS	SERVATION		oth	er use is	author	zed or	Intendeo	d.
	5.	LOT AREA:		ACRES (BASED UUNE 13, 2016)	UPON PLAN PREPARED	BY MILLER LEWIS, INC.,			U	(0)		L com
	6.	SOURCE OF TITLE:	D.B. 71	73–327					Ζ	SURVEYORS		EMAIL: cei@centuryeng.com
	7.	EXISTING USE:	FISHING						Η	VEY		VIL: Øcentu
	8. 9.	PROPOSED USE: TOTAL NUMBER OF LOTS:		MP/FISHING PIEF	R/PARKING LOT	PROPOSED BY THIS			\mathbf{N}	SUR	L	EMAIL: cei@ce
	10		PLÂN)				⊨		Щ			
		ACTIVE RECREATION AREA: PASSIVE RECREATION AREA:	N/A N/A						Ц	EER		j.com
	12.	PROPOSED BUILDING SQUARE FOOTAG	GE: 0 SF				∣⊢	_	Ζ	IGIN		WEBSIIE: www.centuryeng.com
	13.	MONUMENTS: EXISTING: 4 (IRON							Η	С U		WEBSIIE: www.cent
	14.	PROPOSED: 0 (MONU SEWER PROVIDER:	·	ER PROPOSED F	OR SITE		l 'n	r١	U	Ž F		MM MM
	15.	WATER PROVIDER:	ON-SITE	WELL					Ζ	CONSULTING ENGINEERS		
	16.	REQUIRED PARKING: REQUIRED: N/A								<u>S</u>	IAΥ	-4589
	17.	PROPOSED: 26 SPACES (INC SITE BREAKDOWN:		·							HIGHWAY	02) 734-4589
		GRAVEL : 10,	<u>5 ZONING</u> 0,274± S.F. 3,368± S.F.	<u>AC_ZONING:</u> 17± S.I 45,718± S.	F.			<u>jun</u>			ONT	F: (30
		OPEN SPACE: <u>27</u>	7 <u>,017± S.F.</u> 5,659± S.F.	<u>4,739±</u> S. 50,474± S.	. <u>F.</u>							19901 -9188
		LOT TOTAL: 85,659± + 50,		•	S)			Jun			ESS: VORTI	DUVEH, DE 19901 P: (302) 734-9188 F: (30
		CONCRETE:	<u>SZONING</u> 722± S.F. 3,708± S.F.	<u>AC_ZONING</u> 1,809± S.F. 7,749± S.F							4134 NOR	DUVE P: (30
			5 <u>,229± S.F.</u> 5,659± S.F.	<u>40,916± S.F</u> 50,474± S.				je statistica de la construcción de				
		LOT TOTAL: 85,659± + 50,4		(3.125± ACRES					REVISIO	NS		
		PAVEMENT: 28, CONCRETE:	<u>5 ZONING</u> 3,708± S.F. 722± S.F.		<u>AC_ZONING</u> 7,749± S.F. 1,809± S.F.		3/20/17	REVISE) per ke	INT COU	NTY COMM	IENTS
			<u>471± S.F.</u> 9,901± S.F. (0.686	± ACRES)	<u>474± S.F.</u> 10,032± S.F. (0.230±	ACRES)	6/22/17 9/4/17		M SUBM		DELDOT,	80
		% IMPERVIOUS COVERAGE PROVIDED BG ZONING: 0.686 ACRES/1	1.966 ACRES = 34					ł	KENT COU	INTY CON	IMENTS	
		AC ZONING: 0.230 ACRES/1		.8% (20% ALLOW	VABLE PER KENT COUNT	TY CODE 205-51)	12/18/17 1/2/18				ING PIER	
		REQUIRED PRESERVATION PER KEN WOODLAND PRESERVATION AREAS P TOTAL AREA WITHIN STORMWATER M	IT COUNTY CODE 1 PROVIDED:		0.00 ACRES (70% OF 0.00 ACRES 0.00 ACRES	EXISTING)	., _,	nenoel				
		% SLOPE: AVERAGE 2.50%			0.00 ACILIS							
	15.	WETLANDS (2.159± ACRES): A WETLANDS INVESTIGATION WAS PI	ERFORMED BY CO	STAL & ESTUARI	INE RESEARCH, INC. AN	D WETLANDS WERE						
	16.	FOUND ON SUBJECT PROPERTY. S	SEE REPORT DATEI) JUNE 2016.					ADDENI	MUC		DATE
		PER FEMA MAP NO.10001C0187J, AE (BASE FLOOD ELEVATION DETER			CT PARCEL IS DETERMIN	ED TO BE WITHIN ZONE		CRIPTION				DATE
												1/2010
	17.	GROWTH ZONE: THE SUBJECT PARCEL LIES OUTSID	DE THE DESIGNATEI	GROWTH ZONE.			<u> </u>	DRAWIN	GS, SEE EETS C11	E DETAI		17 2010
						ENGINEERING, INC.		DRAWIN	GS, SEE	E DETAI		17 2010
	18.	THE SUBJECT PARCEL LIES OUTSID TOPOGRAPHY:	URVEY PREFORMED			ENGINEERING, INC.	<u></u>	DRAWIN	GS, SEE	E DETAI		7/2010
	18. 19.	THE SUBJECT PARCEL LIES OUTSID TOPOGRAPHY: TOPOGRAPHY TAKEN FROM SITE SU DATUM: NAD83 (PER MILLER LEWIS, OWNER: STATE OF DELAWARE	URVEY PREFORMED			ENGINEERING, INC.		DRAWIN	GS, SEE	E DETAI		
	18. 19.	THE SUBJECT PARCEL LIES OUTSID TOPOGRAPHY: TOPOGRAPHY TAKEN FROM SITE SU DATUM: NAD83 (PER MILLER LEWIS, OWNER: STATE OF DELAWARE DIVISION OF FISH AND WILDL (DEPARTMENT OF FISH & WI 89 KINGS HIGHWAY	URVEY PREFORMED INC.) LIFE	BY MILLER LEWI	IS, INC. AND CENTURY I	ENGINEERING, INC.		DRAWIN	GS, SEE	E DETAI		
	18. 19. 20.	THE SUBJECT PARCEL LIES OUTSID TOPOGRAPHY: TOPOGRAPHY TAKEN FROM SITE SU DATUM: NAD83 (PER MILLER LEWIS, OWNER: STATE OF DELAWARE DIVISION OF FISH AND WILDL (DEPARTMENT OF FISH & WI	URVEY PREFORMED INC.) LIFE	BY MILLER LEWI	IS, INC. AND CENTURY I	ENGINEERING, INC.	<u></u>	DRAWIN	GS, SEE	E DETAI		
	18. 19. 20.	THE SUBJECT PARCEL LIES OUTSID TOPOGRAPHY: TOPOGRAPHY TAKEN FROM SITE SU DATUM: NAD83 (PER MILLER LEWIS, OWNER: STATE OF DELAWARE DIVISION OF FISH AND WILDL (DEPARTMENT OF FISH & WIL 89 KINGS HIGHWAY DOVER, DE 19901 APPLICANT STATE OF DELAWARE DIVISION OF FISH & WILDLIFF	URVEY PREFORMED INC.) LIFE ILDLIFE-PER KENT	BY MILLER LEWI	IS, INC. AND CENTURY I	ENGINEERING, INC.		DRAWIN	GS, SEE	E DETAI		
	18. 19. 20.	THE SUBJECT PARCEL LIES OUTSID TOPOGRAPHY: TOPOGRAPHY TAKEN FROM SITE SU DATUM: NAD83 (PER MILLER LEWIS, OWNER: STATE OF DELAWARE DIVISION OF FISH AND WILDL (DEPARTMENT OF FISH & WIL 89 KINGS HIGHWAY DOVER, DE 19901 APPLICANT STATE OF DELAWARE DIVISION OF FISH & WILDLIFF 89 KINGS HIGHWAY DOVER, DE 19901 JOHN CLARK	URVEY PREFORMED INC.) LIFE ILDLIFE-PER KENT	BY MILLER LEWI	IS, INC. AND CENTURY I	ENGINEERING, INC.		DRAWIN	CS, SEE ETS C11	E DETAI		
	18. 19. 20. 21.	THE SUBJECT PARCEL LIES OUTSID TOPOGRAPHY: TOPOGRAPHY TAKEN FROM SITE SU DATUM: NAD83 (PER MILLER LEWIS, OWNER: STATE OF DELAWARE DIVISION OF FISH AND WILDL (DEPARTMENT OF FISH & WIL 89 KINGS HIGHWAY DOVER, DE 19901 APPLICANT STATE OF DELAWARE DIVISION OF FISH & WILDLIFF 89 KINGS HIGHWAY DOVER, DE 19901 JOHN CLARK (302) 739–9914 ENGINEER:	URVEY PREFORMED INC.) LIFE ILDLIFE-PER KENT	BY MILLER LEWI	IS, INC. AND CENTURY I	ENGINEERING, INC.		DRAWIN	CS, SEE ETS C11	E DETAI		
	18. 19. 20. 21.	THE SUBJECT PARCEL LIES OUTSID TOPOGRAPHY: TOPOGRAPHY TAKEN FROM SITE SU DATUM: NAD83 (PER MILLER LEWIS, OWNER: STATE OF DELAWARE DIVISION OF FISH AND WILDL (DEPARTMENT OF FISH & WIL 89 KINGS HIGHWAY DOVER, DE 19901 APPLICANT STATE OF DELAWARE DIVISION OF FISH & WILDLIFF 89 KINGS HIGHWAY DOVER, DE 19901 JOHN CLARK (302) 739–9914 ENGINEER: CENTURY ENGINEERING, INC. 4134 N. DUPONT HIGHWAY	URVEY PREFORMED INC.) LIFE ILDLIFE-PER KENT	BY MILLER LEWI	IS, INC. AND CENTURY I	ENGINEERING, INC.		DRAWIN	CS, SEE ETS C11	E DETAI	LS	
	18. 19. 20. 21.	THE SUBJECT PARCEL LIES OUTSID TOPOGRAPHY: TOPOGRAPHY TAKEN FROM SITE SU DATUM: NAD83 (PER MILLER LEWIS, OWNER: STATE OF DELAWARE DIVISION OF FISH AND WILDL (DEPARTMENT OF FISH & WIL 89 KINGS HIGHWAY DOVER, DE 19901 APPLICANT STATE OF DELAWARE DIVISION OF FISH & WILDLIFF 89 KINGS HIGHWAY DOVER, DE 19901 JOHN CLARK (302) 739–9914 ENGINEER: CENTURY ENGINEERING, INC.	URVEY PREFORMED INC.) LIFE ILDLIFE-PER KENT	BY MILLER LEWI	IS, INC. AND CENTURY I	ENGINEERING, INC.		DRAWIN	CS, SEE ETS C11	E DETAI	LS	
CERTIFI	18. 19. 20. 21. 22.	THE SUBJECT PARCEL LIES OUTSID TOPOGRAPHY: TOPOGRAPHY TAKEN FROM SITE SU DATUM: NAD83 (PER MILLER LEWIS, OWNER: STATE OF DELAWARE DIVISION OF FISH AND WILDL (DEPARTMENT OF FISH & WIL 89 KINGS HIGHWAY DOVER, DE 19901 APPLICANT STATE OF DELAWARE DIVISION OF FISH & WILDLIFF 89 KINGS HIGHWAY DOVER, DE 19901 JOHN CLARK (302) 739–9914 ENGINEER: CENTURY ENGINEERING, INC. 4134 N. DUPONT HIGHWAY DOVER, DE 19901 ALEXANDER SCHMIDT, P.E. (302) 734–9188	URVEY PREFORMED INC.) LIFE ILDLIFE-PER KENT	BY MILLER LEWI	IS, INC. AND CENTURY I	ENGINEERING, INC.		DRAWIN ON SHI	FISH & WILDLIFE	E DETAI	LS	
, TAX MAP E UNITED STA	18. 19. 20. 21. 22. CAT	THE SUBJECT PARCEL LIES OUTSID TOPOGRAPHY: TOPOGRAPHY TAKEN FROM SITE SU DATUM: NAD83 (PER MILLER LEWIS, OWNER: STATE OF DELAWARE DIVISION OF FISH AND WILDL (DEPARTMENT OF FISH & WIL 89 KINGS HIGHWAY DOVER, DE 19901 APPLICANT STATE OF DELAWARE DIVISION OF FISH & WILDLIFF 89 KINGS HIGHWAY DOVER, DE 19901 JOHN CLARK (302) 739–9914 ENGINEER: CENTURY ENGINEERING, INC. 4134 N. DUPONT HIGHWAY DOVER, DE 19901 ALEXANDER SCHMIDT, P.E. (302) 734–9188 TION D0–078.00–01–08.00, HAS BEEN EX NCLUDING WETLANDS (SECTION 404 A	URVEY PREFORMED INC.) LIFE ILDLIFE-PER KENT TE	BY MILLER LEWI COUNTY RECORD	IS, INC. AND CENTURY I DS) IE RESEARCH, INC. FOI DUS LANDS AND STATE	R THE PRESENCE OF REGULATED WETLANDS		DRAWIN	FISH & WILDLIFE	E DETAI	LS	
7, TAX MAP E UNITED STA D BY THE RE D. THE WETL	18. 19. 20. 21. 22. CAT #ED-C TES, 1 VIEWIN AND II	THE SUBJECT PARCEL LIES OUTSID TOPOGRAPHY: TOPOGRAPHY TAKEN FROM SITE SU DATUM: NAD83 (PER MILLER LEWIS, OWNER: STATE OF DELAWARE DIVISION OF FISH AND WILDL (DEPARTMENT OF FISH & WIL 89 KINGS HIGHWAY DOVER, DE 19901 APPLICANT STATE OF DELAWARE DIVISION OF FISH & WILDLIFF 89 KINGS HIGHWAY DOVER, DE 19901 JOHN CLARK (302) 739–9914 ENGINEER: CENTURY ENGINEERING, INC. 4134 N. DUPONT HIGHWAY DOVER, DE 19901 ALEXANDER SCHMIDT, P.E. (302) 734–9188 TION D0–078.00–01–08.00, HAS BEEN EX	URVEY PREFORMED INC.) LIFE ILDLIFE-PER KENT TE KAMINED BY COAS AND SECTION 10), LS, POLICIES AND N SET IS IN ACCO	BY MILLER LEWI COUNTY RECORD	IS, INC. AND CENTURY I DS) IE RESEARCH, INC. FOI DUS LANDS AND STATE PLACE AT THE TIME TH	R THE PRESENCE OF REGULATED WETLANDS FAT THE INVESTIGATION		DRAWIN ON SHI	FISH & WILDLIFE	E DETAI	LS	
7, TAX MAP E UNITED STA D BY THE RE D. THE WETL	18. 19. 20. 21. 22. CAT #ED-C TES, 1 VIEWIN AND II	THE SUBJECT PARCEL LIES OUTSID TOPOGRAPHY: TOPOGRAPHY TAKEN FROM SITE SU DATUM: NAD83 (PER MILLER LEWIS, OWNER: STATE OF DELAWARE DIVISION OF FISH AND WILDL (DEPARTMENT OF FISH & WIL 89 KINGS HIGHWAY DOVER, DE 19901 APPLICANT STATE OF DELAWARE DIVISION OF FISH & WILDLIFF 89 KINGS HIGHWAY DOVER, DE 19901 JOHN CLARK (302) 739–9914 ENGINEER: CENTURY ENGINEERING, INC. 4134 N. DUPONT HIGHWAY DOVER, DE 19901 ALEXANDER SCHMIDT, P.E. (302) 734–9188 TION D0–078.00–01–08.00, HAS BEEN EX NCLUDING WETLANDS (SECTION 404 AI G AGENCIES IN THE FORM OF MANUAL NFORMATION CONTAINED IN THIS PLAN	URVEY PREFORMED INC.) LIFE ILDLIFE-PER KENT TE KAMINED BY COAS AND SECTION 10), LS, POLICIES AND N SET IS IN ACCO	BY MILLER LEWI COUNTY RECORD	IS, INC. AND CENTURY I DS) IE RESEARCH, INC. FOI DUS LANDS AND STATE PLACE AT THE TIME TH	R THE PRESENCE OF REGULATED WETLANDS FAT THE INVESTIGATION		DRAWIN ON SHI	FISH & WILDLIFE	E DETAI	LS	
7, TAX MAP E UNITED STA D BY THE RE D. THE WETL	18. 19. 20. 21. 22. CAT #ED-C TES, 1 VIEWIN AND II	THE SUBJECT PARCEL LIES OUTSID TOPOGRAPHY: TOPOGRAPHY TAKEN FROM SITE SU DATUM: NAD83 (PER MILLER LEWIS, OWNER: STATE OF DELAWARE DIVISION OF FISH AND WILDL (DEPARTMENT OF FISH & WIL 89 KINGS HIGHWAY DOVER, DE 19901 APPLICANT STATE OF DELAWARE DIVISION OF FISH & WILDLIFF 89 KINGS HIGHWAY DOVER, DE 19901 JOHN CLARK (302) 739–9914 ENGINEER: CENTURY ENGINEERING, INC. 4134 N. DUPONT HIGHWAY DOVER, DE 19901 ALEXANDER SCHMIDT, P.E. (302) 734–9188 TION D0–078.00–01–08.00, HAS BEEN EX NCLUDING WETLANDS (SECTION 404 AI G AGENCIES IN THE FORM OF MANUAL NFORMATION CONTAINED IN THIS PLAN	URVEY PREFORMED INC.) LIFE ILDLIFE-PER KENT TE KAMINED BY COAS AND SECTION 10), LS, POLICIES AND N SET IS IN ACCO	BY MILLER LEWI COUNTY RECORD	IS, INC. AND CENTURY I DS) IE RESEARCH, INC. FOI DUS LANDS AND STATE PLACE AT THE TIME TH	R THE PRESENCE OF REGULATED WETLANDS FAT THE INVESTIGATION		DRAWIN ON SHI	FISH & WILDLIFE	E DETAI		
Y, TAX MAP E UNITED STA D BY THE RE D. THE WETL WAS COMPLET WAS COMPLET	18. 19. 20. 21. 22. 22. CAT #ED-C TES, I VIEWIN AND II FED BY	THE SUBJECT PARCEL LIES OUTSID TOPOGRAPHY: TOPOGRAPHY TAKEN FROM SITE SU DATUM: NAD83 (PER MILLER LEWIS, OWNER: STATE OF DELAWARE DIVISION OF FISH AND WILDL (DEPARTMENT OF FISH & WIL 89 KINGS HIGHWAY DOVER, DE 19901 APPLICANT STATE OF DELAWARE DIVISION OF FISH & WILDLIFF 89 KINGS HIGHWAY DOVER, DE 19901 JOHN CLARK (302) 739–9914 ENGINEER: CENTURY ENGINEERING, INC. 4134 N. DUPONT HIGHWAY DOVER, DE 19901 ALEXANDER SCHMIDT, P.E. (302) 734–9188 TION D0–078.00–01–08.00, HAS BEEN EX NCLUDING WETLANDS (SECTION 404 AI G AGENCIES IN THE FORM OF MANUAL NFORMATION CONTAINED IN THIS PLAN	URVEY PREFORMED INC.) LIFE ILDLIFE-PER KENT TE KAMINED BY COAS AND SECTION 10), LS, POLICIES AND N SET IS IN ACCO	BY MILLER LEWI COUNTY RECORD	IS, INC. AND CENTURY I DS) IE RESEARCH, INC. FOI DUS LANDS AND STATE PLACE AT THE TIME TH	R THE PRESENCE OF REGULATED WETLANDS FAT THE INVESTIGATION	CONSTRUCTION PLANS	DRAWIN ON SHI	FISH & WILDLIFE	E DETAI	LS	CREEK HUNDRED, KENT COUNTY, DELAWARE
Y, TAX MAP E UNITED STA D BY THE RE D. THE WETL WAS COMPLET WAS COMPLET	18. 19. 20. 21. 22. 22. CAT #ED-C TES, I VIEWIN AND II FED BY	THE SUBJECT PARCEL LIES OUTSID TOPOGRAPHY: TOPOGRAPHY TAKEN FROM SITE SU DATUM: NAD83 (PER MILLER LEWIS, OWNER: STATE OF DELAWARE DIVISION OF FISH AND WILDL (DEPARTMENT OF FISH & WIL 89 KINGS HIGHWAY DOVER, DE 19901 APPLICANT STATE OF DELAWARE DIVISION OF FISH & WILDLIFF 89 KINGS HIGHWAY DOVER, DE 19901 JOHN CLARK (302) 739–9914 ENGINEER: CENTURY ENGINEERING, INC. 4134 N. DUPONT HIGHWAY DOVER, DE 19901 ALEXANDER SCHMIDT, P.E. (302) 734–9188 TON D0–078.00–01–08.00, HAS BEEN EX NCLUDING WETLANDS (SECTION 404 AN G AGENCIES IN THE FORM OF MANUAL NFORMATION CONTAINED IN THIS PLAN r COASTAL & ESTUARINE RESEARCH, IN	URVEY PREFORMED INC.) LIFE ILDLIFE-PER KENT TE KAMINED BY COAS AND SECTION 10), LS, POLICIES AND N SET IS IN ACCO	BY MILLER LEWI COUNTY RECORD	IS, INC. AND CENTURY I DS) IE RESEARCH, INC. FOI DUS LANDS AND STATE PLACE AT THE TIME TH	R THE PRESENCE OF REGULATED WETLANDS HAT THE INVESTIGATION AND DELINEATION FOR		DRAWIN ON SHI	AWARE DIVISION OF FISH & WILDLIFE	E DETAI	LS	
<pre>/, TAX MAP E UNITED STA D BY THE RE' D. THE WETL WAS COMPLET EYER TUARINE RESE RE 19958 645-9610</pre>	18. 19. 20. 21. 22. 22. CAT #ED-C TES, I VIEWIN AND II FED BY	THE SUBJECT PARCEL LIES OUTSID TOPOGRAPHY: TOPOGRAPHY TAKEN FROM SITE SU DATUM: NAD83 (PER MILLER LEWIS, OWNER: STATE OF DELAWARE DIVISION OF FISH AND WILDL (DEPARTMENT OF FISH & WIL 89 KINGS HIGHWAY DOVER, DE 19901 APPLICANT STATE OF DELAWARE DIVISION OF FISH & WILDLIFF 89 KINGS HIGHWAY DOVER, DE 19901 JOHN CLARK (302) 739–9914 ENGINEER: CENTURY ENGINEERING, INC. 4134 N. DUPONT HIGHWAY DOVER, DE 19901 ALEXANDER SCHMIDT, P.E. (302) 734–9188 TON D0–078.00–01–08.00, HAS BEEN EX NCLUDING WETLANDS (SECTION 404 AN G AGENCIES IN THE FORM OF MANUAL NFORMATION CONTAINED IN THIS PLAN r COASTAL & ESTUARINE RESEARCH, IN	URVEY PREFORMED INC.) LIFE ILDLIFE-PER KENT TE KAMINED BY COAS AND SECTION 10), LS, POLICIES AND N SET IS IN ACCO	BY MILLER LEWI COUNTY RECORD	IS, INC. AND CENTURY I DS) IE RESEARCH, INC. FOI DUS LANDS AND STATE PLACE AT THE TIME TH	R THE PRESENCE OF REGULATED WETLANDS HAT THE INVESTIGATION AND DELINEATION FOR	CONSTRUCTION PLANS	DRAWIN ON SHI	FISH & WILDLIFE	E DETAI	LS	CREEK HUNDRED, KENT COUNTY, DELAWARE
(, TAX MAP E UNITED STA D BY THE RE D. THE WETL WAS COMPLET EYER TUARINE RESE RE 19958 645–9610 TION OF CERTIFY THA PERSONNEL (1	18. 19. 20. 21. 22. CAT #ED-C TES, I VIEWIN AND II TED BN CARCH, T	THE SUBJECT PARCEL LIES OUTSID TOPOGRAPHY: TOPOGRAPHY TAKEN FROM SITE SU DATUM: NAD83 (PER MILLER LEWIS, OWNER: STATE OF DELAWARE DIVISION OF FISH AND WILDL (DEPARTMENT OF FISH & WIL 89 KINGS HIGHWAY DOVER, DE 19901 APPLICANT STATE OF DELAWARE DIVISION OF FISH & WILDLIFF 89 KINGS HIGHWAY DOVER, DE 19901 JOHN CLARK (302) 739–9914 ENGINEER: CENTURY ENGINEERING, INC. 4134 N. DUPONT HIGHWAY DOVER, DE 19901 ALEXANDER SCHMIDT, P.E. (302) 734–9188 TION 200–078.00–01–08.00, HAS BEEN EX NCLUDING WETLANDS (SECTION 404 A G AGENCIES IN THE FORM OF MANUAL NFORMATION CONTAINED IN THIS PLAN Y COASTAL & ESTUARINE RESEARCH, II INC. – MARINE STUDIES COMPLEX VNERSHIP LAND CLEARING, CONSTRUCTION AND LUE CARD HOLDER) INVOLVED IN TH	URVEY PREFORMED INC.) LIFE ILDLIFE—PER KENT TE KAMINED BY COAS AND SECTION 10), LS, POLICIES AND N SET IS IN ACCO INC.	BY MILLER LEWI COUNTY RECORD AL & ESTUARIN STATE SUBAQUEO PROCEDURES IN RDANCE WITH TH ANCE WITH TH	IS, INC. AND CENTURY I DS) IE RESEARCH, INC. FOI DUS LANDS AND STATE PLACE AT THE TIME TH HIS CRITERIA. THE WETL URSUANT TO THE APPR (E A CERTIFICATION OF	R THE PRESENCE OF REGULATED WETLANDS FAT THE INVESTIGATION AND DELINEATION FOR DATE	CONSTRUCTION PLANS	DRAWIN ON SHI	AWARE DIVISION OF FISH & WILDLIFE	E DETAI	LS	CREEK HUNDRED, KENT COUNTY, DELAWARE
(, TAX MAP E UNITED STA D BY THE RE' D. THE WETL WAS COMPLET EYER TUARINE RESE RE 19958 645–9610 TION OF CERTIFY THA PERSONNEL () THE PROJECT, IN ADDITION	18. 19. 20. 21. 21. 22. CAT #ED-C TES, I VIEWIN AND II FED BN TED BN AND II FED BN AND II AND	THE SUBJECT PARCEL LIES OUTSID TOPOGRAPHY: TOPOGRAPHY TAKEN FROM SITE SU DATUM: NAD83 (PER MILLER LEWIS, OWNER: STATE OF DELAWARE DIVISION OF FISH AND WILDL (DEPARTMENT OF FISH & WIL 89 KINGS HIGHWAY DOVER, DE 19901 APPLICANT STATE OF DELAWARE DIVISION OF FISH & WILDLIFF 89 KINGS HIGHWAY DOVER, DE 19901 JOHN CLARK (302) 739–9914 ENGINEER: CENTURY ENGINEERING, INC. 4134 N. DUPONT HIGHWAY DOVER, DE 19901 ALEXANDER SCHMIDT, P.E. (302) 734–9188 TION 200–078.00–01–08.00, HAS BEEN EX NCLUDING WETLANDS (SECTION 404 A G AGENCIES IN THE FORM OF MANUAL NFORMATION CONTAINED IN THIS PLAN Y COASTAL & ESTUARINE RESEARCH, IN INC. – MARINE STUDIES COMPLEX VNERSHIP LAND CLEARING, CONSTRUCTION AND	URVEY PREFORMED INC.) LIFE ILDLIFE—PER KENT TE KAMINED BY COAS AND SECTION 10), LS, POLICIES AND N SET IS IN ACCO INC.	BY MILLER LEWI COUNTY RECORD ALL & ESTUARIN STATE SUBAQUEO PROCEDURES IN RDANCE WITH TH ANCE WITH TH ANCE WITH TH ANCE WILL HAV SE FOR THE CO GRAM THE RIGH	URSUANT TO THE APPR	R THE PRESENCE OF REGULATED WETLANDS HAT THE INVESTIGATION AND DELINEATION FOR DATE DATE		DRAWIN ON SHI	AWARE DIVISION OF FISH & WILDLIFE	E DETAI	LS	CREEK HUNDRED, KENT COUNTY, DELAWARE
(, TAX MAP E UNITED STA D BY THE RE' D. THE WETL WAS COMPLET EYER TUARINE RESE RE 19958 645–9610 TION OF CERTIFY THA PERSONNEL () THE PROJECT, IN ADDITION	18. 19. 20. 21. 21. 22. CAT #ED-C TES, I VIEWIN AND II FED BN TED BN AND II FED BN AND II AND	THE SUBJECT PARCEL LIES OUTSID TOPOGRAPHY: TOPOGRAPHY TAKEN FROM SITE SU DATUM: NAD83 (PER MILLER LEWIS, OWNER: STATE OF DELAWARE DIVISION OF FISH AND WILDL (DEPARTMENT OF FISH & WIL 89 KINGS HIGHWAY DOVER, DE 19901 APPLICANT STATE OF DELAWARE DIVISION OF FISH & WILDLIFF 89 KINGS HIGHWAY DOVER, DE 19901 JOHN CLARK (302) 739–9914 ENGINEER: CENTURY ENGINEERING, INC. 4134 N. DUPONT HIGHWAY DOVER, DE 19901 ALEXANDER SCHMIDT, P.E. (302) 734–9188 TON 20–078.00–01–08.00, HAS BEEN EX NCLUDING WETLANDS (SECTION 404 AI G AGENCIES IN THE FORM OF MANUAL NFORMATION CONTAINED IN THIS PLAN Y COASTAL & ESTUARINE RESEARCH, II INC. – MARINE STUDIES COMPLEX VNERSHIP LAND CLEARING, CONSTRUCTION AND LUE CARD HOLDER) INVOLVED IN TH A DNREC SPONSORED OR APPROVED GRANT THE DNREC SEDIMENT AND	URVEY PREFORMED INC.) LIFE ILDLIFE—PER KENT TE KAMINED BY COAS AND SECTION 10), LS, POLICIES AND N SET IS IN ACCO INC.	BY MILLER LEWI COUNTY RECORD ALL & ESTUARIN STATE SUBAQUEO PROCEDURES IN RDANCE WITH TH ANCE WITH TH ANCE WITH TH ANCE WILL HAV SE FOR THE CO GRAM THE RIGH	URSUANT TO THE APPR (E A CERTIFICATION OF DISTROL OF EROSION A HT TO CONDUCT ON-S	R THE PRESENCE OF REGULATED WETLANDS HAT THE INVESTIGATION AND DELINEATION FOR DATE DATE	PROJECT CONSTRUCTION PLANS	DRAWIN ON SHI	DELAWARE DIVISION OF FISH & WILDLIFE	LITTLE CREEK BOAT RAMP	BAYSIDE DRIVE (SR9, KCR17)	CREEK HUNDRED, KENT COUNTY, DELAWARE
(, TAX MAP E UNITED STA D BY THE RE' D. THE WETL WAS COMPLET EYER TUARINE RESE RE 19958 645–9610 TION OF CERTIFY THA PERSONNEL () THE PROJECT, IN ADDITION	18. 19. 20. 21. 21. 22. CAT #ED-C TES, I VIEWIN AND II FED BN TED BN AND II FED BN AND II AND	THE SUBJECT PARCEL LIES OUTSID TOPOGRAPHY: TOPOGRAPHY TAKEN FROM SITE SU DATUM: NAD83 (PER MILLER LEWIS, OWNER: STATE OF DELAWARE DIVISION OF FISH AND WILDL (DEPARTMENT OF FISH & WIL 89 KINGS HIGHWAY DOVER, DE 19901 APPLICANT STATE OF DELAWARE DIVISION OF FISH & WILDLIFF 89 KINGS HIGHWAY DOVER, DE 19901 JOHN CLARK (302) 739–9914 ENGINEER: CENTURY ENGINEERING, INC. 4134 N. DUPONT HIGHWAY DOVER, DE 19901 ALEXANDER SCHMIDT, P.E. (302) 734–9188 TON 20–078.00–01–08.00, HAS BEEN EX NCLUDING WETLANDS (SECTION 404 AI G AGENCIES IN THE FORM OF MANUAL NFORMATION CONTAINED IN THIS PLAN Y COASTAL & ESTUARINE RESEARCH, II INC. – MARINE STUDIES COMPLEX VNERSHIP LAND CLEARING, CONSTRUCTION AND LUE CARD HOLDER) INVOLVED IN TH A DNREC SPONSORED OR APPROVED GRANT THE DNREC SEDIMENT AND	URVEY PREFORMED INC.) LIFE ILDLIFE—PER KENT TE KAMINED BY COAS AND SECTION 10), LS, POLICIES AND N SET IS IN ACCO INC.	BY MILLER LEWI COUNTY RECORD ALL & ESTUARIN STATE SUBAQUEO PROCEDURES IN RDANCE WITH TH ANCE WITH TH ANCE WITH TH ANCE WILL HAV SE FOR THE CO GRAM THE RIGH	URSUANT TO THE APPR (E A CERTIFICATION OF DISTROL OF EROSION A HT TO CONDUCT ON-S	R THE PRESENCE OF REGULATED WETLANDS HAT THE INVESTIGATION AND DELINEATION FOR DATE DATE	PROJECT CONSTRUCTION PLANS	DRAWIN ON SHI	DELAWARE DIVISION OF FISH & WILDLIFE	LITTLE CREEK BOAT RAMP	BAYSIDE DRIVE (SR9, KCR17)	CREEK HUNDRED, KENT COUNTY, DELAWARE
(, TAX MAP E UNITED STA D BY THE RE' D. THE WETL WAS COMPLET EYER TUARINE RESE RE 19958 645–9610 TION OF CERTIFY THA PERSONNEL (1 THE PROJECT, IN ADDITION Y RESPONSIBI	18. 19. 20. 21. 21. 22. CAT #ED-C TES, I VIEWIN AND II FED BY AND II AND II FED BY AND III FED BY AND II FED BY AND III FED BY AND III A	THE SUBJECT PARCEL LIES OUTSID TOPOGRAPHY: TOPOGRAPHY: TOPOGRAPHY TAKEN FROM SITE SU DATUM: NAD83 (PER MILLER LEWIS, OWNER: STATE OF DELAWARE DIVISION OF FISH AND WILDL (DEPARTMENT OF FISH & WI 89 KINGS HIGHWAY DOVER, DE 19901 JOHN CLARK (302) 739–9914 ENGINEER: CENTURY ENGINEERING, INC. 4134 N. DUPONT HIGHWAY DOVER, DE 19901 JOHN CLARK (302) 734–9188 TON DO-078.00–01–08.00, HAS BEEN EX NCLUDING WETLANDS (SECTION 404 A G AGENCIES IN THE FORM OF MANUAL NFORMATION CONTAINED IN THIS PLAN (COASTAL & ESTUARINE RESEARCH, II INC. – MARINE STUDIES COMPLEX VNERSHIP LAND CLEARING, CONSTRUCTION AND LUE CARD HOLDER) INVOLVED IN TH A DNREC SEDIMENT AND UNDER THE NPDES CONSTRUCTION GI	URVEY PREFORMED INC.) LIFE ILDLIFE—PER KENT TE KAMINED BY COAS AND SECTION 10), LS, POLICIES AND N SET IS IN ACCO INC.	BY MILLER LEWI COUNTY RECORD ALL & ESTUARIN STATE SUBAQUEO PROCEDURES IN RDANCE WITH TH ANCE WITH TH ANCE WITH TH ANCE WILL HAV SE FOR THE CO GRAM THE RIGH	URSUANT TO THE APPR (E A CERTIFICATION OF DISTROL OF EROSION A HT TO CONDUCT ON-S	R THE PRESENCE OF REGULATED WETLANDS HAT THE INVESTIGATION AND DELINEATION FOR DATE DATE	PROJECT CONSTRUCTION PLANS	DRAWIN ON SHI	DELAWARE DIVISION OF FISH & WILDLIFE	LITTLE CREEK BOAT RAMP	BAYSIDE DRIVE (SR9, KCR17)	CREEK HUNDRED, KENT COUNTY, DELAWARE
(, TAX MAP E UNITED STA D BY THE RE' D. THE WETL WAS COMPLET EYER FUARINE RESE RE 19958 645–9610 TION OF CERTIFY THA PERSONNEL (I THE PROJECT, IN ADDITION Y RESPONSIBI	18. 19. 20. 21. 21. 22. CAT #ED-C TES, I VIEWIN AND II FED BY AND II AND II FED BY AND III FED BY AND II FED BY AND III FED BY AND III F	THE SUBJECT PARCEL LIES OUTSID TOPOGRAPHY: TOPOGRAPHY: TOPOGRAPHY TAKEN FROM SITE SU DATUM: NAD83 (PER MILLER LEWIS, OWNER: STATE OF DELAWARE DIVISION OF FISH AND WILDL (DEPARTMENT OF FISH & WIL 89 KINGS HIGHWAY DOVER, DE 19901 APPLICANT STATE OF DELAWARE DIVISION OF FISH & WILDLIFF 89 KINGS HIGHWAY DOVER, DE 19901 JOHN CLARK (302) 739–9914 ENGINEER: CENTURY ENGINEERING, INC. 4134 N. DUPONT HIGHWAY DOVER, DE 19901 ALEXANDER SCHMIDT, P.E. (302) 734–9188 TON DO0–078.00–01–08.00, HAS BEEN EX NCLUDING WETLANDS (SECTION 404 A G AGENCIES IN THE FORM OF MANUAL NFORMATION CONTAINED IN THIS PLAN (COASTAL & ESTUARINE RESEARCH, II INC. – MARINE STUDIES COMPLEX VNERSHIP LAND CLEARING, CONSTRUCTION AND LUE CARD HOLDER) INVOLVED IN TH A DNREC SPONSORED OR APPROVED GRANT THE DNREC SEDIMENT AND UNDER THE NPDES CONSTRUCTION GI	URVEY PREFORMED INC.) LIFE ILDLIFE—PER KENT TE KAMINED BY COAS AND SECTION 10), LS, POLICIES AND N SET IS IN ACCO INC.	BY MILLER LEWI COUNTY RECORD ALL & ESTUARIN STATE SUBAQUEO PROCEDURES IN RDANCE WITH TH ANCE WITH TH ANCE WITH TH ANCE WILL HAV SE FOR THE CO GRAM THE RIGH	URSUANT TO THE APPR (E A CERTIFICATION OF DISTROL OF EROSION A HT TO CONDUCT ON-S	R THE PRESENCE OF REGULATED WETLANDS HAT THE INVESTIGATION AND DELINEATION FOR DATE DATE	PROJECT CONSTRUCTION PLANS	ITLE COV	DELAWARE DIVISION OF FISH & WILDLIFE	LITTLE CREEK BOAT RAMP	BAYSIDE DRIVE (SR9, KCR17)	CREEK HUNDRED, KENT COUNTY, DELAWARE
(, TAX MAP E UNITED STA D BY THE RE' D. THE WETL WAS COMPLET EYER TUARINE RESE RE 19958 645–9610 TION OF CERTIFY THA PERSONNEL (1 THE PROJECT, IN ADDITION Y RESPONSIBI FISHERIES SI ION OF FISH WAY 01 739–9914	18. 19. 20. 21. 21. 22. CAT #ED-C TES, I 22. CAT #ED-C TES, I VIEWIN AND II FED B AT ALL I.E. B , AT 	THE SUBJECT PARCEL LIES OUTSID TOPOGRAPHY: TOPOGRAPHY: TOPOGRAPHY TAKEN FROM SITE SU DATUM: NAD83 (PER MILLER LEWIS, OWNER: STATE OF DELAWARE DIVISION OF FISH AND WILDL (DEPARTMENT OF FISH & WILDLIFI 89 KINGS HIGHWAY DOVER, DE 19901 APPLICANT STATE OF DELAWARE DIVISION OF FISH & WILDLIFI 89 KINGS HIGHWAY DOVER, DE 19901 JOHN CLARK (302) 739–9914 ENGINEER: CENTURY ENGINEERING, INC. 4134 N. DUPONT HIGHWAY DOVER, DE 19901 ALEXANDER SCHMIDT, P.E. (302) 734–9188 TON DO–078.00–01–08.00, HAS BEEN EX NCLUDING WETLANDS (SECTION 404 A G AGENCIES IN THE FORM OF MANUAL NFORMATION CONTAINED IN THIS PLAN (COASTAL & ESTUARINE RESEARCH, II INC. – MARINE STUDIES COMPLEX VNERSHIP LAND CLEARING, CONSTRUCTION AND LUE CARD HOLDER) INVOLVED IN TH A DNREC SPONSORED OR APPROVED GRANT THE DNREC SEDIMENT AND UNDER THE NPDES CONSTRUCTION GI	URVEY PREFORMED INC.) LIFE ILDLIFE—PER KENT TE KAMINED BY COAS AND SECTION 10), LS, POLICIES AND N SET IS IN ACCO INC.	BY MILLER LEWI COUNTY RECORD ALL & ESTUARIN STATE SUBAQUEO PROCEDURES IN RDANCE WITH TH ANCE WITH TH ANCE WITH TH ANCE WILL HAV SE FOR THE CO GRAM THE RIGH	URSUANT TO THE APPR (E A CERTIFICATION OF DISTROL OF EROSION A HT TO CONDUCT ON-S	R THE PRESENCE OF REGULATED WETLANDS HAT THE INVESTIGATION AND DELINEATION FOR DATE DATE	Image: Mage: State of the stat		DELAWARE DIVISION OF FISH & WILDLIFE	LITTLE CREEK BOAT RAMP	BAYSIDE DRIVE (SR9, KCR17)	CREEK HUNDRED, KENT COUNTY, DELAWARE
(, TAX MAP E UNITED STA D BY THE RE D. THE WETL WAS COMPLET EYER FUARINE RESE RE 19958 645–9610 TION OF CERTIFY THA PERSONNEL (I THE PROJECT, IN ADDITION Y RESPONSIBI FISHERIES SI ION OF FISH WAY 01 739–9914 TION OF	18. 19. 20. 21. 21. 22. CAT #ED-(TES, I VIEWIN AND II FED BN AND	THE SUBJECT PARCEL LIES OUTSID TOPOGRAPHY: TOPOGRAPHY: TOPOGRAPHY TAKEN FROM SITE SU DATUM: NAD83 (PER MILLER LEWIS, OWNER: STATE OF DELAWARE DIVISION OF FISH AND WILDL (DEPARTMENT OF FISH & WILDL (DEPARTMENT OF FISH & WILDL B9 KINGS HIGHWAY DOVER, DE 19901 APPLICANT STATE OF DELAWARE DIVISION OF FISH & WILDLIFF 89 KINGS HIGHWAY DOVER, DE 19901 JOHN CLARK (302) 739–9914 ENGINEER: CENTURY ENGINEERING, INC. 4134 N. DUPONT HIGHWAY DOVER, DE 19901 ALEXANDER SCHMIDT, P.E. (302) 734–9188 TON DO-078.00–01–08.00, HAS BEEN EX NCLUDING WETLANDS (SECTION 404 A G AGENCIES IN THE FORM OF MANUAL NFORMATION CONTAINED IN THIS PLAN (COASTAL & ESTUARINE RESEARCH, II INC. – MARINE STUDIES COMPLEX VNERSHIP LAND CLEARING, CONSTRUCTION AND LUE CARD HOLDER) INVOLVED IN TH A DNREC SPONSORED OR APPROVED GRANT THE DNREC SEDIMENT AND UNDER THE NPDES CONSTRUCTION GI ADMINISTRATOR DLIFE	URVEY PREFORMED INC.) LIFE ILDLIFE-PER KENT TE (AMINED BY COAS ND SECTION 10), LS, POLICIES AND N SET IS IN ACCO INC. DEVELOPMENT SH HE LAND DISTURE D TRAINING COURS STORMWATER PRO STORMWATER PRO ENERAL PERMIT, A	BY MILLER LEWI COUNTY RECORD ALL & ESTUARIN STATE SUBAQUEO PROCEDURES IN RDANCE WITH TH ANCE WITH TH ANCE WITH TH ANCE WILL HAV E FOR THE CO GRAM THE RIGHS REFERENCED C	IS, INC. AND CENTURY I DS) IE RESEARCH, INC. FOI DUS LANDS AND STATE PLACE AT THE TIME TH IIS CRITERIA. THE WETL URSUANT TO THE APPR YE A CERTIFICATION OF INTROL OF EROSION A HT TO CONDUCT ON-3 ON THIS COVERSHEET.	R THE PRESENCE OF REGULATED WETLANDS HAT THE INVESTIGATION AND DELINEATION FOR DATE	LITER PROJECT CONSTRUCTION PLANS		DELAWARE DIVISION OF FISH & WILDLIFE BEIS BEIZ	Here Here Here Here	T BAYSIDE DRIVE (SR9, KCR17)	LITTLE CREEK HUNDRED, KENT COUNTY, DELAWARE
(, TAX MAP E UNITED STA D BY THE RE' D. THE WETL WAS COMPLET EYER TUARINE RESE RE 19958 645–9610 TION OF CERTIFY THA PERSONNEL (I THE PROJECT, IN ADDITION Y RESPONSIBI FISHERIES SI ION OF FISH WAY 01 739–9914 TION OF	18. 19. 20. 21. 21. 22. CAT #ED-(TES, I VIEWIN AND II FED BN AND	THE SUBJECT PARCEL LIES OUTSID TOPOGRAPHY: TOPOGRAPHY: TOPOGRAPHY TAKEN FROM SITE SU DATUM: NAD83 (PER MILLER LEWIS, OWNER: STATE OF DELAWARE DIVISION OF FISH AND WILDL (DEPARTMENT OF FISH & WILDLIFI 89 KINGS HIGHWAY DOVER, DE 19901 APPLICANT STATE OF DELAWARE DIVISION OF FISH & WILDLIFI 89 KINGS HIGHWAY DOVER, DE 19901 JOHN CLARK (302) 739–9914 ENGINEER: CENTURY ENGINEERING, INC. 4134 N. DUPONT HIGHWAY DOVER, DE 19901 ALEXANDER SCHMIDT, P.E. (302) 734–9188 TON DO–078.00–01–08.00, HAS BEEN EX NCLUDING WETLANDS (SECTION 404 A G AGENCIES IN THE FORM OF MANUAL NFORMATION CONTAINED IN THIS PLAN (COASTAL & ESTUARINE RESEARCH, II INC. – MARINE STUDIES COMPLEX VNERSHIP LAND CLEARING, CONSTRUCTION AND LUE CARD HOLDER) INVOLVED IN TH A DNREC SPONSORED OR APPROVED GRANT THE DNREC SEDIMENT AND UNDER THE NPDES CONSTRUCTION GI	URVEY PREFORMED INC.) LIFE ILDLIFE-PER KENT TE (AMINED BY COAS ND SECTION 10), LS, POLICIES AND N SET IS IN ACCO INC. DEVELOPMENT SH HE LAND DISTURE D TRAINING COURS STORMWATER PRO STORMWATER PRO ENERAL PERMIT, A	BY MILLER LEWI COUNTY RECORD ALL & ESTUARIN STATE SUBAQUEO PROCEDURES IN RDANCE WITH TH ANCE WITH TH ANCE WITH TH ANCE WILL HAV E FOR THE CO GRAM THE RIGHS REFERENCED C	IS, INC. AND CENTURY I DS) IE RESEARCH, INC. FOI DUS LANDS AND STATE PLACE AT THE TIME TH IIS CRITERIA. THE WETL URSUANT TO THE APPR YE A CERTIFICATION OF INTROL OF EROSION A HT TO CONDUCT ON-3 ON THIS COVERSHEET.	R THE PRESENCE OF REGULATED WETLANDS HAT THE INVESTIGATION AND DELINEATION FOR DATE	LINCTION PLANS		DELAWARE DIVISION OF FISH & WILDLIFE BEIN	LITTLE CREEK BOAT RAMP	BAYSIDE DRIVE (SR9, KCR17)	LITTLE CREEK HUNDRED, KENT COUNTY, DELAWARE
(, TAX MAP E UNITED STA D BY THE RE' D. THE WETL WAS COMPLET EYER TUARINE RESE RE 19958 645–9610 TION OF CERTIFY THA PERSONNEL (I THE PROJECT, IN ADDITION Y RESPONSIBI FISHERIES SI ION OF FISH WAY 01 739–9914 TION OF	18. 19. 20. 21. 21. 22. CAT #ED-(TES, I VIEWIN AND II FED BN AND	THE SUBJECT PARCEL LIES OUTSID TOPOGRAPHY: TOPOGRAPHY: TOPOGRAPHY: TOPOGRAPHY TAKEN FROM SITE SU DATUM: NAD83 (PER MILLER LEWIS, OWNER: STATE OF DELAWARE DIVISION OF FISH AND WILDL (DEPARTMENT OF FISH & WILDLIFI 89 KINGS HIGHWAY DOVER, DE 19901 APPLICANT STATE OF DELAWARE DIVISION OF FISH & WILDLIFI 89 KINGS HIGHWAY DOVER, DE 19901 JOHN CLARK (302) 739–9914 ENGINEER: CENTURY ENGINEERING, INC. 4134 N. DUPONT HIGHWAY DOVER, DE 19901 ALEXANDER SCHMIDT, P.E. (302) 734–9188 TON DO-078.00–01–08.00, HAS BEEN EX NCLUDING WETLANDS (SECTION 404 A G AGENCIES IN THE FORM OF MANUAL NFORMATION CONTAINED IN THIS PLAN (COASTAL & ESTUARINE RESEARCH, II INC. – MARINE STUDIES COMPLEX VNERSHIP LAND CLEARING, CONSTRUCTION AND LUE CARD HOLDER) INVOLVED IN TH A DNREC SPONSORED OR APPROVED GRANT THE DNREC SEDIMENT AND UNDER THE NPDES CONSTRUCTION GI N ADMINISTRATOR DUFFE	URVEY PREFORMED INC.) LIFE ILDLIFE-PER KENT TE (AMINED BY COAS ND SECTION 10), LS, POLICIES AND N SET IS IN ACCO INC. DEVELOPMENT SH HE LAND DISTURE D TRAINING COURS STORMWATER PRO STORMWATER PRO ENERAL PERMIT, A	BY MILLER LEWI COUNTY RECORD ALL & ESTUARIN STATE SUBAQUEO PROCEDURES IN RDANCE WITH TH ANCE WITH TH ANCE WITH TH ANCE WILL HAV E FOR THE CO GRAM THE RIGHS REFERENCED C	IS, INC. AND CENTURY I DS) IE RESEARCH, INC. FOI DUS LANDS AND STATE PLACE AT THE TIME TH IIS CRITERIA. THE WETL URSUANT TO THE APPR YE A CERTIFICATION OF INTROL OF EROSION A HT TO CONDUCT ON-3 ON THIS COVERSHEET.	R THE PRESENCE OF REGULATED WETLANDS HAT THE INVESTIGATION AND DELINEATION FOR DATE	LINCTION PLANS		S S S S DELAWARE DIVISION OF FISH & WILDLIFE	LITTLE CREEK BOAT RAMP	BASIDE DRIVE (SR9, KCR17)	LITTLE CREEK HUNDRED, KENT COUNTY, DELAWARE
(, TAX MAP E UNITED STA D BY THE RE D. THE WETL WAS COMPLET EYER TUARINE RESE RE 19958 645–9610 TION OF CERTIFY THA PERSONNEL (I THE PROJECT, IN ADDITION Y RESPONSIBI FISHERIES SI ION OF FISH WAY 01 739–9914 TION OF	18. 19. 20. 21. 21. 22. CAT #ED-C TES, 1 22. CAT #ED-C TES, 1 VIEWIN AND IT FED BY ARCH, TARC	THE SUBJECT PARCEL LIES OUTSID TOPOGRAPHY: TOPOGRAPHY TAKEN FROM SITE SU DATUM: NAD83 (PER MILLER LEWIS, OWNER: STATE OF DELAWARE DIVISION OF FISH AND WILDL (DEPARTMENT OF FISH & WIL 89 KINGS HIGHWAY DOVER, DE 19901 JOHN CLARK (302) 739–9914 ENGINEER: CENTURY ENGINEERING, INC. 4134 N. DUPONT HIGHWAY DOVER, DE 19901 ALEXANDER SCHMIDT, P.E. (302) 734–9188 TON 200–078.00–01–08.00, HAS BEEN EX NCLUDING WETLANDS (SECTION 404 A G AGENCIES IN THE FORM OF MANUAL NFORMATION CONTAINED IN THIS PLAN f COASTAL & ESTUARINE RESEARCH, IN NC. – MARINE STUDIES COMPLEX VNERSHIP LAND CLEARING, CONSTRUCTION AND LUE CARD HOLDER) INVOLVED IN TH A DNREC SPONSORED OR APPROVED SRANT THE DNREC SEDIMENT AND UNDER THE NPDES CONSTRUCTION GI ADDREC SPONSORED OR APPROVED SRANT THE NPDES CONSTRUCTION GI	URVEY PREFORMED INC.) LIFE ILDLIFE-PER KENT TE (AMINED BY COAS ND SECTION 10), LS, POLICIES AND N SET IS IN ACCO INC. DEVELOPMENT SH HE LAND DISTURE D TRAINING COURS STORMWATER PRO STORMWATER PRO ENERAL PERMIT, A	BY MILLER LEWI COUNTY RECORD ALL & ESTUARIN STATE SUBAQUEO PROCEDURES IN RDANCE WITH TH ANCE WITH TH ANCE WITH TH ANCE WILL HAV E FOR THE CO GRAM THE RIGHS REFERENCED C	IS, INC. AND CENTURY I DS) IE RESEARCH, INC. FOI DUS LANDS AND STATE PLACE AT THE TIME TH IIS CRITERIA. THE WETL URSUANT TO THE APPR YE A CERTIFICATION OF INTROL OF EROSION A HT TO CONDUCT ON-3 ON THIS COVERSHEET.	R THE PRESENCE OF REGULATED WETLANDS HAT THE INVESTIGATION AND DELINEATION FOR DATE OVED PLAN AND THAT TRAINING PRIOR TO ND SEDIMENT DURING SITE REVIEWS, AND I DATE DATE	LINCTION PLANS		DELAWARE DIVISION OF FISH & WILDLIFE Subsection of FISH Subsection of FISH Su	LITTLE CREEK BOAT RAMP	BANSIDE DRIVE (SR9, KCR17) DESIGNE AES NO.	LITTLE CREEK HUNDRED, KENT COUNTY, DELAWARE
(, TAX MAP E UNITED STA D BY THE RE' D. THE WETL WAS COMPLET EYER TUARINE RESE RE 19958 645–9610 TION OF CERTIFY THA PERSONNEL (I THE PROJECT, IN ADDITION Y RESPONSIBI FISHERIES SI ION OF FISH WAY 01 739–9914 TION OF	18. 19. 20. 21. 21. 22. CAT #ED-C TES, 1 VIEWIN AND II FED BY ARCH, ARCH, TES PL ARCH, TES PL ARCH ARC	THE SUBJECT PARCEL LIES OUTSID TOPOGRAPHY: TOPOGRAPHY TAKEN FROM SITE SU DATUM: NAD83 (PER MILLER LEWIS, OWNER: STATE OF DELAWARE DIVISION OF FISH AND WILDL (DEPARTMENT OF FISH & WIL 89 KINGS HIGHWAY DOVER, DE 19901 JOHN CLARK (302) 739–9914 ENGINEER: CENTURY ENGINEERING, INC. 4134 N. DUPONT HIGHWAY DOVER, DE 19901 ALEXANDER SCHMIDT, P.E. (302) 734–9188 TON 200–078.00–01–08.00, HAS BEEN EX NCLUDING WETLANDS (SECTION 404 A G AGENCIES IN THE FORM OF MANUAL NFORMATION CONTAINED IN THIS PLAN f COASTAL & ESTUARINE RESEARCH, IN NC. – MARINE STUDIES COMPLEX VNERSHIP LAND CLEARING, CONSTRUCTION AND LUE CARD HOLDER) INVOLVED IN TH A DNREC SPONSORED OR APPROVED SRANT THE DNREC SEDIMENT AND UNDER THE NPDES CONSTRUCTION GI ADDREC SPONSORED OR APPROVED SRANT THE NPDES CONSTRUCTION GI	URVEY PREFORMED INC.) LIFE ILDLIFE-PER KENT TE (AMINED BY COAS ND SECTION 10), LS, POLICIES AND N SET IS IN ACCO INC. DEVELOPMENT SH HE LAND DISTURE D TRAINING COURS STORMWATER PRO STORMWATER PRO ENERAL PERMIT, A	BY MILLER LEWI COUNTY RECORD ALL & ESTUARIN STATE SUBAQUEO PROCEDURES IN RDANCE WITH TH ANCE WITH TH ANCE WITH TH ANCE WILL HAV E FOR THE CO GRAM THE RIGHS REFERENCED C	IS, INC. AND CENTURY I DS) IE RESEARCH, INC. FOI DUS LANDS AND STATE PLACE AT THE TIME TH IIS CRITERIA. THE WETL URSUANT TO THE APPR YE A CERTIFICATION OF INTROL OF EROSION A HT TO CONDUCT ON-3 ON THIS COVERSHEET.	R THE PRESENCE OF REGULATED WETLANDS HAT THE INVESTIGATION AND DELINEATION FOR DATE	SCALE AS PROJECT		DELAWARE DIVISION OF FISH & WILDLIFE Subsection of FISH Subsection of FISH Su	LITTLE CREEK BOAT RAMP	BASIDE DRIVE (SR9, KCR17)	LITTLE CREEK HUNDRED, KENT COUNTY, DELAWARE

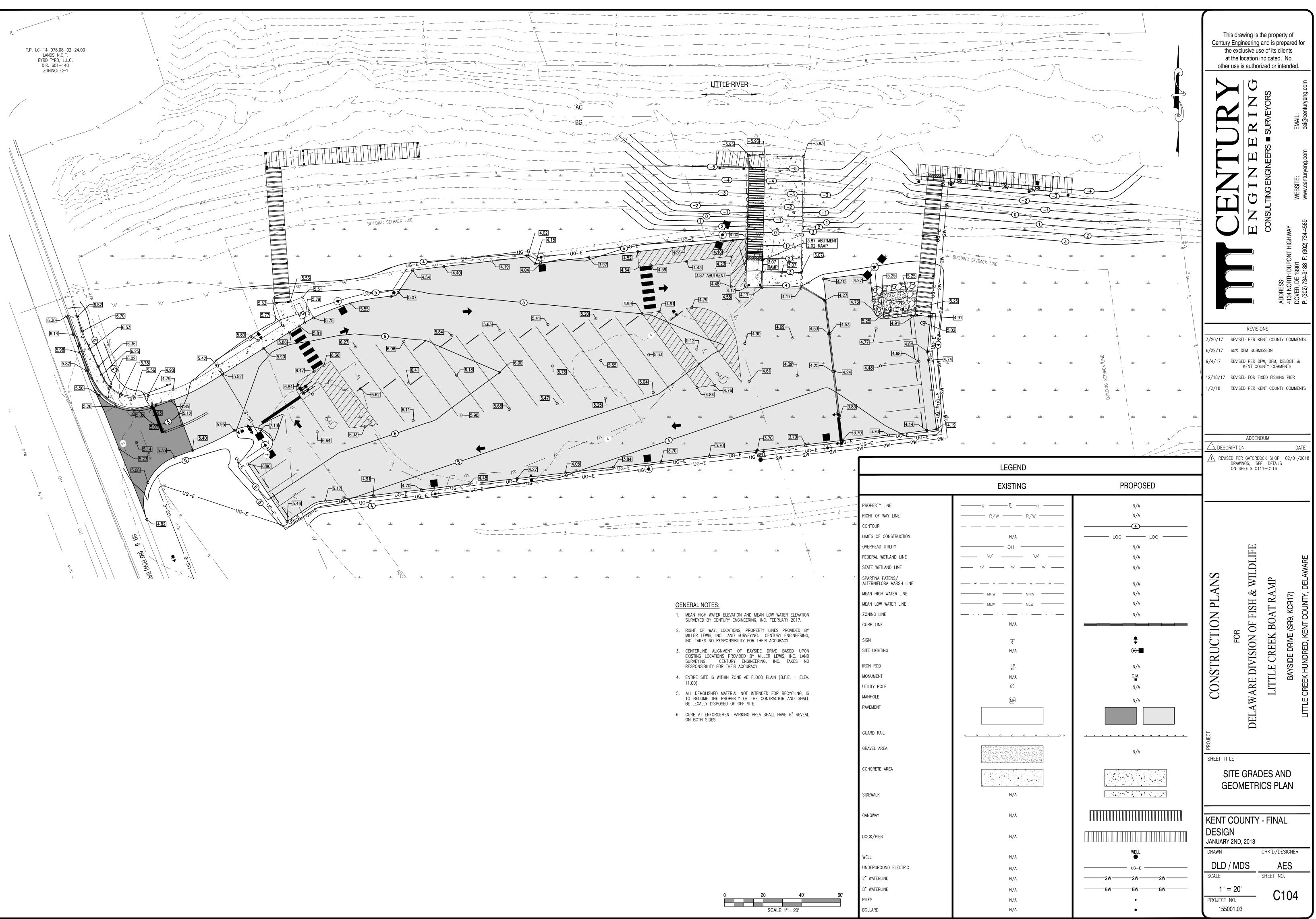


	LEG	END	
Y LISTED BELOW:	\sim		This drawing is the property of
	(1)	TYPE C BITUMINOUS CONCRETE, 160 GYRATIONS, PG 64–22, (ITEM NO. 401002) TYPE B BITUMINOUS CONCRETE, 160 GYRATIONS, PG 64–22, (ITEM NO. 401011)	<u>Century Engineering</u> and is prepared for the exclusive use of its clients
	(2)	GRADED AGGREGATE BASE COURSE, TYPE B, (ITEM NO. 301003)	at the location indicated. No
DIMENT CONTROL	4	6" MINIMUM OF TOPSOIL & PERMANENT GRASS SEED PER EROSION AND SEDIMENT CONTROL PLANS WITH 4:1 SIDE SLOPES OR FLATTER	other use is authorized or intended.
ADVERTISEMENT. RUCTION, 2016, OR	5	PROFILE GRADE APPLICATION	
	6	BORROW, TYPE F, MAXIMUM 8" LIFTS, COMPACTION: 95% OF MAXIMUM DENSITY PER MODIFIED PROCTOR TEST (ITEM NO. 209006)	R I N G SURVEYORS EMAIL: cei@centuryeng.com
	7	P.C.C. SIDEWALK (ITEM NO. 705001)	
ADROMOUS FISH	(8)	INTEGRAL P.C.C. CURB & GUTTER TYPE 3-8 (ITEM NO. 701023)	
NESTING BIRDS	(10)	DELAWARE #3 STONE (ITEM NO. 302002), MAXIMUM 8" LIFTS GEOTEXTILES, SEPARATION (ITEM NO. 708002)	
TION ACTIVITIES.	(11)	GEOGRID	
OR SUPPLY OF	(12)	6" MINIMUM OF TOPSOIL OR BORROW, TYPE F & PLACE PLANTINGS PER LANDSCAPING PLAN WITH 4:1 SIDE SLOPES OF FLATTER	
O SHEET PILE CONSTRUCTION	(13)	PORTLAND CEMENT CONCRETE MASONRY, ABUTMENT ABOVE FOOTING, CLASS A (ITEM NO. 610002)	E N G I N E F CONSULTING ENGINEERS AY MWW.centuryeng.com
		DEX OF SHEETS	
COURSE. ALL WITH APPROVED	C100		
NS.	C101 C102		
FIELD.	C103		
ENCING, SHEET	C104		F: (30)
POSSESSES A E CONTROL OF	C105 C106		ADDRESS: ADD
	C100		ESS: A DE
ON CERTIFICATE DEPARTMENT.	C108		ADDRESS: 4134 NORT DOVER, DE P: (302) 73-
SHOWN. WORK	C109 C110		
Y ITEMS TO BE MMENDATIONS.	C111		REVISIONS
ION, INCLUDING IAL SAFETY AND	C112		3/20/17 REVISED PER KENT COUNTY COMMENTS
OR IS SOLELY	C113		6/22/17 60% DFM SUBMISSION
	C114 C115		9/4/17 REVISED PER DFW, DFM, DELDOT, & KENT COUNTY COMMENTS
	C116		12/18/17 REVISED FOR FIXED FISHING PIER 1/2/18 REVISED PER KENT COUNTY COMMENTS
	C117		
	C118	B CONSTRUCTION DETAILS	
l			
			ADDENDUM
			REVISED PER GATORDOCK SHOP 02/01/2018 DRAWINGS, SEE DETAILS
			ON SHEETS C111-C116
<u> </u>			
	EXISTING - GRADE	7	
S= 4.00%	/ 4:1		Ц
	<u> </u>		R LIF
12			ILD S AWA
			MP DEL
			PL/ H & RA NTY, NTY,
			N I FIS AT 9, KC
			OF OF OF CENT
			FOR FOR ON C EEK I BRIVE (
			RU ISI CRI DE D
			CONSTRUCTION PLANS FOR LAWARE DIVISION OF FISH & WILDLIFE LITTLE CREEK BOAT RAMP BAYSIDE DRIVE (SR9, KCR17) DAYSIDE DRIVE (SR9, KCR17) DELAWARE
-			OON RE BER B
			E C V
4			
		EXISTING —	DE
XX		GRADE	PROJECT
	4:1 M/		SHEET TITLE
			LEGEND, PROJECT NOTES
6			& TYPICAL SECTIONS
-			
NEEDED			KENT COUNTY - FINAL
			DESIGN
			JANUARY 2ND, 2018
			DRAWN CHK'D/DESIGNER
			DLD / MDSAESSCALESHEET NO.
			AS NOTED C101
			155001.03

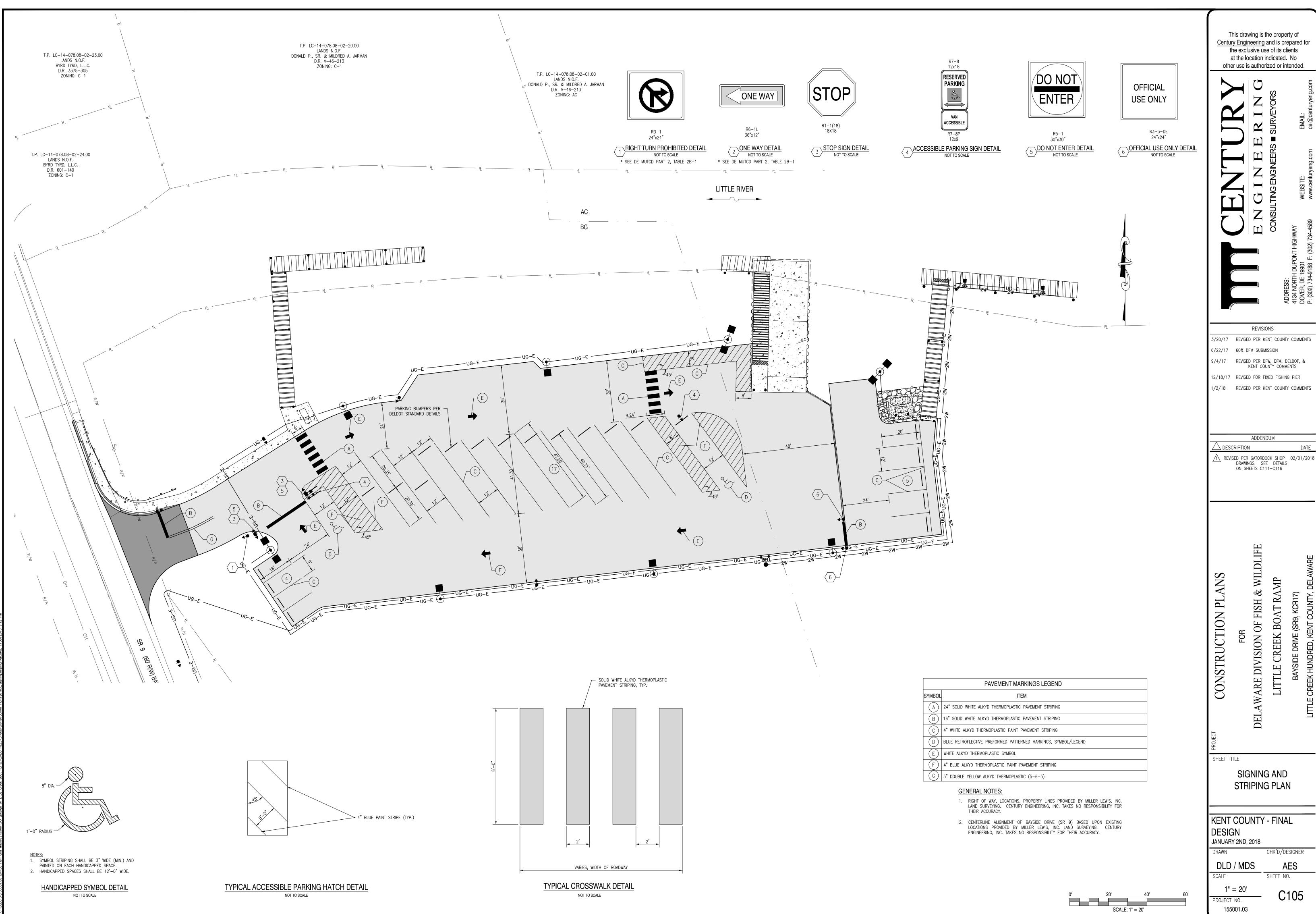


	This drawing is the property of <u>Century Engineering</u> and is prepared for the exclusive use of its clients at the location indicated. No other use is authorized or intended.
	CERTINGENCIAL ERING Image: Signal in the second
	E N E N CONSUL ADDRESS: 4134 NORTH DUPONT HIGHWAY DOVER, DE 19901 P: (302) 734-9188 F: (302) 734-4589
T.P. ED-00-078.00-01-09.00 LANDS N.D.F. STATE OF DELAWARE DIVISION OF FISH AND WILDLIFE D.R. 7544-345 ZONING: AC	REVISIONS 3/20/17 REVISED PER KENT COUNTY COMMENTS 6/22/17 60% DFM SUBMISSION 9/4/17 REVISED PER DFW, DFM, DELDOT, & KENT COUNTY COMMENTS 12/18/17 REVISED FOR FIXED FISHING PIER 1/2/18 REVISED PER KENT COUNTY COMMENTS ▲DDENDUM ▲DESCRIPTION ▲DESCRIPTION DATE ▲REVISED PER GATORDOCK SHOP 02/01/2018 ON SHEETS C111-C116
NT CENERAL NOTES: CENERAL NOTES: . MEAN HIGH WATER ELEVATION AND MEAN LOW WATER ELEVATION SURVEYED BY CENTURY ENGINEERING, INC. FEBRUARY 2017.	PROJECT CONSTRUCTION PLANS FOR FOR DELAWARE DIVISION OF FISH & WILDLIFE DELAWARE DIVISION OF FISH & WILDLIFE LITTLE CREEK BOAT RAMP BAYSIDE DRIVE (SR9, KCR17) LITTLE CREEK HUNDRED, KENT COUNTY, DELAWARE
 2. RIGHT OF WAY, LOCATIONS, PROPERTY LINES PROVIDED BY MILLER LEWIS, INC. LAND SURVEYING. CENTURY ENGINEERING, INC. TAKES NO RESPONSIBILITY FOR THEIR ACCURACY. 3. CENTERLINE ALIGNMENT OF BAYSIDE DRIVE BASED UPON EXISTING LOCATIONS PROVIDED BY MILLER LEWIS, INC. LAND SURVEYING. CENTURY ENGINEERING, INC. TAKES NO RESPONSIBILITY FOR THEIR ACCURACY. 4. ENTIRE SITE IS WITHIN ZONE AE FLOOD PLAIN (B.F.E. = ELEV. 	SHEET TITLE EXISTING CONDITIONS & DEMOLITION PLAN
 11.00) 5. ALL DEMOLISHED MATERIAL NOT INTENDED FOR RECYCLING, IS TO BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE LEGALLY DISPOSED OF OFF SITE. 6. SITE PREVIOUSLY CONTAINED COMMERCIAL FISHING OPERATION INCLUDING BUILDINGS. DEBRIS MAY BE ENCOUNTERED FROM THE FORMER USE. 7. CONTRACTOR SHALL HAVE THE OPTION TO DISPOSE EXCAVATED SOIL ON DIVISION OF FISH AND WILDLIFE PROPERTY, AS 	KENT COUNTY - FINAL DESIGN JANUARY 2ND, 2018 DRAWN CHK'D/DESIGNER DLD / MDS AES
0' 30' 60' 90' SCALE: 1" = 30'	DLD / IVIDS AES SCALE SHEET NO. 1" = 30' C102 PROJECT NO. 155001.03

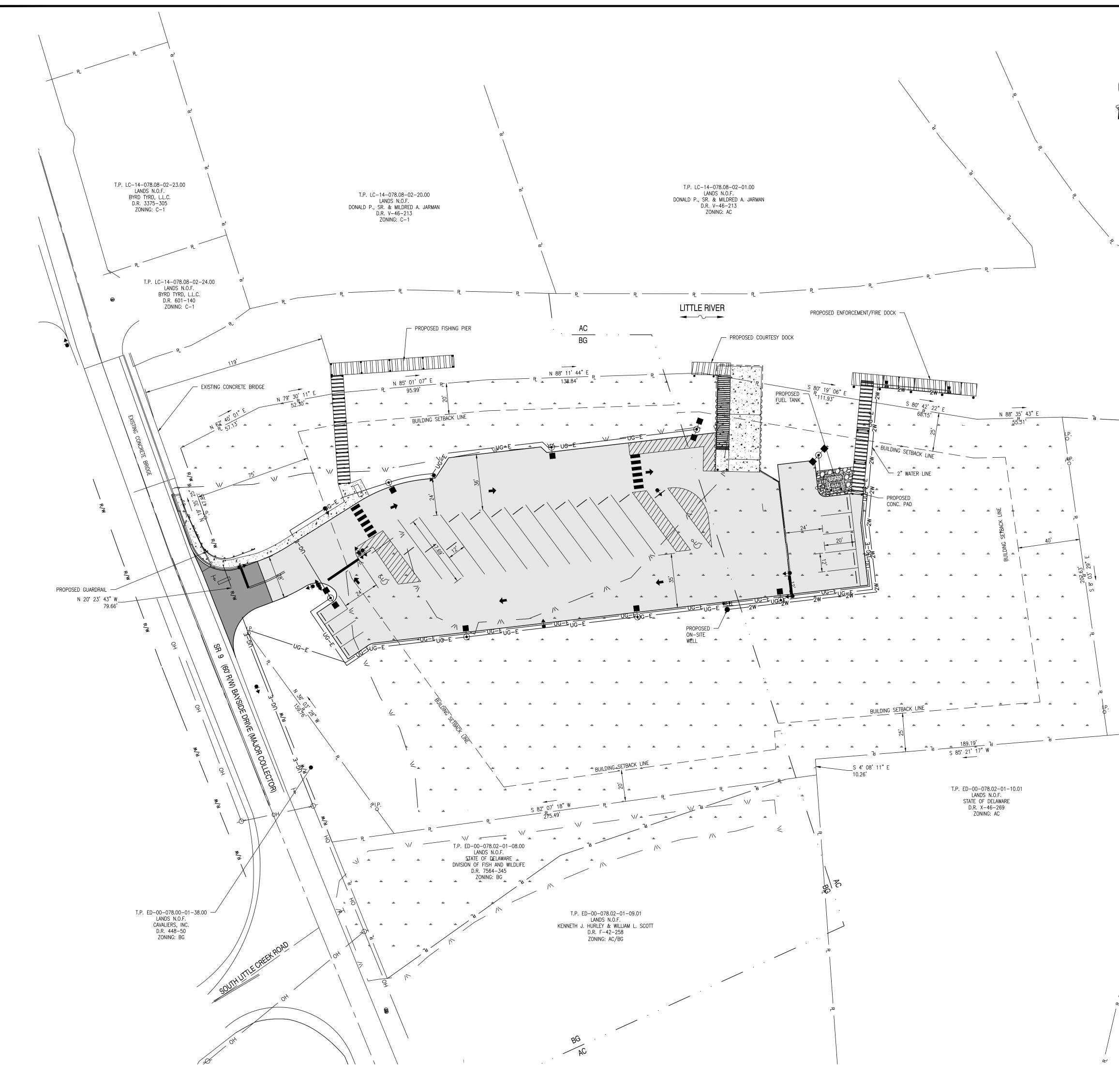








PROJECTS/155001.00 DNREC Fish and Wildlife/155001.03 (Design of Little Creek Boat Ramp)/CADD FILES/Sheets/Construction Plans/C105_SigningStripingPlan.dwg, 1/30/2018 9:12 P



2. FREE MARSHAL REVIEW NUMBER: 2017-03-0023-MJS-01 3. PLAN DATE: JANUARY 9, 2017 4. ADDRESS OF SITE: BAYSDE DRIVE DOVER, DE 19901 5. NAME OF BULDING: LITLE CREEK BOAT RAMP 6. KENT COUNTY PLANNING NUMBER: 7. ZONING: EXISTING BC: CREEKAL RUSINESS AC: ARRICULURAL CONSERVATION PROPOSED: N/A 8. LOT AREA: 3.1254 ACRES 9. SOURCE OF TITLE: D.N-SITE WELL 12. PROPOSED BULDING CONSTRUCTION: N/A 13. PRIMETER ACCESS: REQUIRED: N/A 14. HRE SUPPLIER: ON-SITE WELL 12. PROPOSED BULDING CONSTRUCTION: N/A 13. PRIMETER ACCESS: REQUIRED: N/A 14. FIRE LANE: REQUIRED: N/A 15. SPRINKLERED: REQUIRED: N/A 16. FIRE LANE: REQUIRED: N/A 17. APPLICANT/OWNER: ROUGHARDS AND THE DEPARTMENT CONNECTIONS SHALL BE MARKED IN 17. APPLICANT/OWNER: ROUGHARDS AND THE DEPARTMENT CONNECTIONS SHALL BE MARKED IN		DATA COLUMN				
					This drawi	ng is the property of
			7 NUMBER:		Century Engine	ering and is prepared for
				BAYSIDE DRIVE		
			ING NUMBER:	LITTLE CREEK BOAT RAMP		rh E
				AC: AGRICULTURAL CONSERVATION		ORS ORS
	J	8. LOT AREA:				L] E
		9. SOURCE OF TITLE:		D.R. 7173–327		
		10. BUILDING USE:		N/A		
CONTRACTOR IN CASE OF MARK to CARL ACCOUNT ACCESS Product 2000 Product 2000 Produ	ר	11. WATER SUPPLIER:		ON-SITE WELL		
CONTRACTOR IN CASE OF MARK to CARL ACCOUNT ACCESS Product 2000 Product 2000 Produ		12. PROPOSED BUILDING	CONSTRUCTION:	N/A		
CONTRACTOR IN CASE OF MARK to CARL ACCOUNT ACCESS Product 2000 Product 2000 Produ		REQUIRED:				ENGIN IE: SNGIN
Control was and a control of a control		REQUIRED:				
Control was and a control of a control		15. SPRINKLERED:	PRAGE BUILDING IS NOT			
Provide the service of the service		ALL FIRE LANES	S, FIRE HYDRANTS AND	FIRE DEPARTMENT CONNECTIONS SHALL BE MARKED IN		E CON CON MAY 4-4589
Provide the service of the service		17. APPLICANT/OWNER:		EVENTION REGULATIONS.		■ T HIGHV 302) 73
		DIVISION OF FIS (DEPARTMENT C 89 KINGS HIGH DOVER, DE 199 CONTACT: JOHN	SH & WILDLIFE DF FISH & WILDLIFE — IWAY 901 N CLARK	PER KENT COUNTY RECORDS)		ESS: LORTH DUPON 3, DE 19901 2) 734-9188 F: (
CONTROL PARTY Second Particle Second Second Particle Second Particle Second Particl		CENTURY ENGIN 4134 N. DUPO DOVER, DE 199	NT HIGHWAY 901		and the second se	ADDRE 4134 N DOVEF P: (302
CONCENT NOTES 1. MARGA HOLD STATES TO THE OTHER OF SALE TO THE OTHER OF LOW RELEASE TO TO						
A Section Control Section A Section A Section Control Section A Section Contro					<i>,</i> .	
Line of the second of th			GENERAL NO	TES:		
Provide the series of th					12/18/17 REVISED	FOR FIXED FISHING PIER
 State 19 - State 2 - S			2. MEAN HIGH \	WATER ELEVATION AND MEAN LOW WATER ELEVATION	1/2/18 REVISED	PER KENT COUNTY COMMENTS
CONSTRUCT CONSTRUCT OF A DECEMPTION OF A						
 Construction of the description of th			MILLER LEWIS	S, INC. LAND SURVEYING. CENTURY ENGINEERING,		
BESTER HAR CARE AND ADDRESS AND ADDR			EXISTING LO SURVEYING.	CATIONS PROVIDED BY MILLER LEWIS, INC. LAND CENTURY ENGINEERING, INC. TAKES NO		
 International of a state in the international internatinternational international international international inte						
Be all present with a second of the second o				IS WITHIN ZONE AE FLOOD PLAIN (B.F.E. = ELEV.	REVISED PER C	
BERT TOUR DELIVER DELIVER TO THE DELIVER TO THE PART FOR A SHORE FOR FOR A SH					DRAWING ON SHEE	3, SEE DETAILS TS C111–C116
Bill Developed and the second and th						
BALL COUNTY - FINAL BALL COUNTY - FINAL BALL COUNTY - FINAL BESIGN BALL COUNTY - FINAL DESIGN CONSTRUCTION DE LISH & MITDIFFE BALL TILL FIRE MARSHAL PLAN MEET COUNTY - FINAL DESIGN CONSTRUCTION DE LISH MEET NO. 1 - 30 MEET NO. 1 - 30 MEET NO. 1 - 30 MEET NO. MEET NO. ME			7. BEARING AN SURVEY PL	D DISTANCES SHOWN ON PLAN TAKEN FROM A AN PREPARED BY MILLER LEWIS, INC. LAND		
BILLING COUNTY FINAL BARRIE DAVE (2000)			SURVEYING, ED-2-78-0	DATED JUNE 13, 2016, DRAWING NO. I-08.		
Bester of DEAMAGE DESCRIPTION OF THE DEAMAGE STATE OF DEAMAGE DESCRIPTION OF THE DEAMAGE STATE OF DEAMAGE STATE OF DEAMAGE STATE OF DEAMAGE STATE OF DEAMAGE STATE OF DEAMAGE STATE OF DEAMAGE DESCRIPTION STATE OF DEAMAGE DESCRIPTION STATE OF DEAMAGE DESCRIPTION STATE OF DEAMAGE DESCRIPTION STATE OF DEAMAGE DESCRIPTION STATE OF DEAMAGE DESCRIPTION STATE OF DEAMAGE STATE OF DEAMAGE STA						
BIET MARE 34 CONSLICTION PLANT BIET TILLE FIRE MARSHAL PLAN BIET MARE DIALISION OF HISH & MIDDIN FOR DETAMARE DIALISION OF HISH & MIDDIN FOR DETAMARE DIALISION OF HISH & MIDDIN TILLIFE CREEK BOATL RAWL DESIGN SHEET TILLE FIRE MARSHAL PLAN CONCLUSTION OF HISH DETAMARE DED MODE SHEET NO. TILLIFE CREEK TOODULT OF THE SHEET NO. TILLIFE ON TH	STATE O	F DELAWARE				
HEITING SAME TITLE CREEK BOYL AND BARGIE DUNC (SB0, KCH1) TILLE CREEK BOYL KAND BARGIE DUNC (SB0, KCH1) TILLE CREEK BOYL KAND DET WIND CHR/D/DESIGNER TILLE CREEK BOYL AND DET WIND CHR/D/DESIGNER TILLE CREEK BOYL AND TILLE CREEK BOYL AND TILLE CREEK BOYL AND DET WIND CHR/D/DESIGNER TILLE CREEK BOYL AND TILLE CREEK B	D.R. 7	7564–345				
SHEET TITLE FIRE MARSHAL PLAN KENT COUNTY - FINAL DESIGN JANUARY 2ND, 2018 DRAWN CHK'D/DESIGNER DLD / MDS AES SCALE SHEET NO. 1" = 30' PROJECT NO. 1" = 30' C106	201					Ш ГТ
SHEET TITLE FIRE MARSHAL PLAN KENT COUNTY - FINAL DESIGN JANUARY 2ND, 2018 DRAWN CHK'D/DESIGNER DLD / MDS AES SCALE SHEET NO. 1" = 30' PROJECT NO. 1" = 30' C106						LII RE
SHEET TITLE FIRE MARSHAL PLAN KENT COUNTY - FINAL DESIGN JANUARY 2ND, 2018 DRAWN CHK'D/DESIGNER DLD / MDS AES SCALE SHEET NO. 1" = 30' PROJECT NO. 1" = 30' C106						MAI WAI
SHEET TITLE FIRE MARSHAL PLAN KENT COUNTY - FINAL DESIGN JANUARY 2ND, 2018 DRAWN CHK'D/DESIGNER DLD / MDS AES SCALE SHEET NO. 1" = 30' PROJECT NO. 1" = 30' C106					SZ	MII MI
SHEET TITLE FIRE MARSHAL PLAN KENT COUNTY - FINAL DESIGN JANUARY 2ND, 2018 DRAWN CHK'D/DESIGNER DLD / MDS AES SCALE SHEET NO. 1" = 30' PROJECT NO. 1" = 30' C106					Al	& \ AN ', DI
SHEET TITLE FIRE MARSHAL PLAN KENT COUNTY - FINAL DESIGN JANUARY 2ND, 2018 DRAWN CHK'D/DESIGNER DLD / MDS AES SCALE SHEET NO. 1" = 30' PROJECT NO. 1" = 30' C106					ЪГ	R R R
SHEET TITLE FIRE MARSHAL PLAN KENT COUNTY - FINAL DESIGN JANUARY 2ND, 2018 DRAWN CHK'D/DESIGNER DLD / MDS AES SCALE SHEET NO. 1" = 30' PROJECT NO. 1" = 30' C106	J —					FIS AT , kc Sou
SHEET TITLE FIRE MARSHAL PLAN KENT COUNTY - FINAL DESIGN JANUARY 2ND, 2018 DRAWN CHK'D/DESIGNER DLD / MDS AES SCALE SHEET NO. 1" = 30' PROJECT NO. 1" = 30' C106					Ō)F] BO SR9 VT C
SHEET TITLE FIRE MARSHAL PLAN KENT COUNTY - FINAL DESIGN JANUARY 2ND, 2018 DRAWN CHK'D/DESIGNER DLD / MDS AES SCALE SHEET NO. 1" = 30' PROJECT NO. 1" = 30' C106					LT RO	
SHEET TITLE FIRE MARSHAL PLAN KENT COUNTY - FINAL DESIGN JANUARY 2ND, 2018 DRAWN CHIC'D DESIGNER DLD / MDS AES SCALE SHEET NO. 1" = 30' PROJECT NO. 1" = 30' C106		 			ЦС ш	IO] EE driv ED,
SHEET TITLE FIRE MARSHAL PLAN KENT COUNTY - FINAL DESIGN JANUARY 2ND, 2018 DRAWN CHK'D/DESIGNER DLD / MDS AES SCALE SHEET NO. 1" = 30' PROJECT NO. 1" = 30' C106					R	/IS CR DE I
SHEET TITLE FIRE MARSHAL PLAN KENT COUNTY - FINAL DESIGN JANUARY 2ND, 2018 DRAWN CHK'D/DESIGNER DLD / MDS AES SCALE SHEET NO. 1" = 30' PROJECT NO. 1" = 30' C106						JIV .E.
SHEET TITLE FIRE MARSHAL PLAN KENT COUNTY - FINAL DESIGN JANUARY 2ND, 2018 DRAWN CHK'D/DESIGNER DLD / MDS AES SCALE SHEET NO. 1" = 30' PROJECT NO. 1" = 30' C106	/				Ž	E I BA EK
SHEET TITLE FIRE MARSHAL PLAN KENT COUNTY - FINAL DESIGN JANUARY 2ND, 2018 DRAWN CHIC'D DESIGNER DLD / MDS AES SCALE SHEET NO. 1" = 30' PROJECT NO. 1" = 30' C106	/					AR LIJ CRE
SHEET TITLE FIRE MARSHAL PLAN KENT COUNTY - FINAL DESIGN JANUARY 2ND, 2018 DRAWN CHIC'D DESIGNER DLD / MDS AES SCALE SHEET NO. 1" = 30' PROJECT NO. 1" = 30' C106	۲ ۲					ILE (
SHEET TITLE FIRE MARSHAL PLAN KENT COUNTY - FINAL DESIGN JANUARY 2ND, 2018 DRAWN CHIC'D DESIGNER DLD / MDS AES SCALE SHEET NO. 1" = 30' PROJECT NO. 1" = 30' C106						LA LA
SHEET TITLE FIRE MARSHAL PLAN KENT COUNTY - FINAL DESIGN JANUARY 2ND, 2018 DRAWN CHK'D/DESIGNER DLD / MDS AES SCALE SHEET NO. 1" = 30' PROJECT NO. C106						DE
SHEET TITLE FIRE MARSHAL PLAN KENT COUNTY - FINAL DESIGN JANUARY 2ND, 2018 DRAWN CHK'D/DESIGNER DLD / MDS AES SCALE SHEET NO. 1" = 30' PROJECT NO. C106					ECT	
FIRE MARSHAL PLAN FIRE MARSHAL PLAN KENT COUNTY - FINAL DESIGN JANUARY 2ND, 2018 DRAWN CHK'D/DESIGNER DLD / MDS AES SCALE SHEET NO. 1" = 30' PROJECT NO. 1" = 30' C106	<i>ها</i>				PROJ	
KENT COUNTY - FINAL DESIGN JANUARY 2ND, 2018 DRAWN CHK'D/DESIGNER DLD / MDS AES SCALE SHEET NO. 1" = 30' C106					SHEET TITLE	
KENT COUNTY - FINAL DESIGN JANUARY 2ND, 2018 DRAWN CHK'D/DESIGNER DLD / MDS AES SCALE SHEET NO. 1" = 30' C106						
KENT COUNTY - FINAL DESIGN JANUARY 2ND, 2018 DRAWN CHK'D/DESIGNER DLD / MDS AES SCALE SHEET NO. 1" = 30' PROJECT NO. C106					FIRE MA	RSHAL PLAN
DESIGN JANUARY 2ND, 2018 DRAWN CHK'D/DESIGNER DLD / MDS AES SCALE SHEET NO. 1" = 30' PROJECT NO. 155001.00	a-1 					
DESIGN JANUARY 2ND, 2018 DRAWN CHK'D/DESIGNER DLD / MDS AES SCALE SHEET NO. 1" = 30' PROJECT NO. 155001.00						ΙΤΥ - ΕΙΝΙΔΙ
JANUARY 2ND, 2018 DRAWN CHK'D/DESIGNER DLD / MDS AES SCALE SHEET NO. 1" = 30' PROJECT NO. C106	/					
DLD / MDS AES SCALE SHEET NO. 1" = 30' C106 PROJECT NO. AES	י בי ו				JANUARY 2ND, 20	
0' 30' 60' 90' PROJECT NO. C106					DLD / MDS	AES
0' 30' 60' 90' PROJECT NO. C106						
SCALE: 1" = 30'	(2' <u>30'</u>	60'	90'		— C106
		SCALE: 1" =	= 30'		155001.03	

GENERAL NOTES - ELECTRICAL WORK

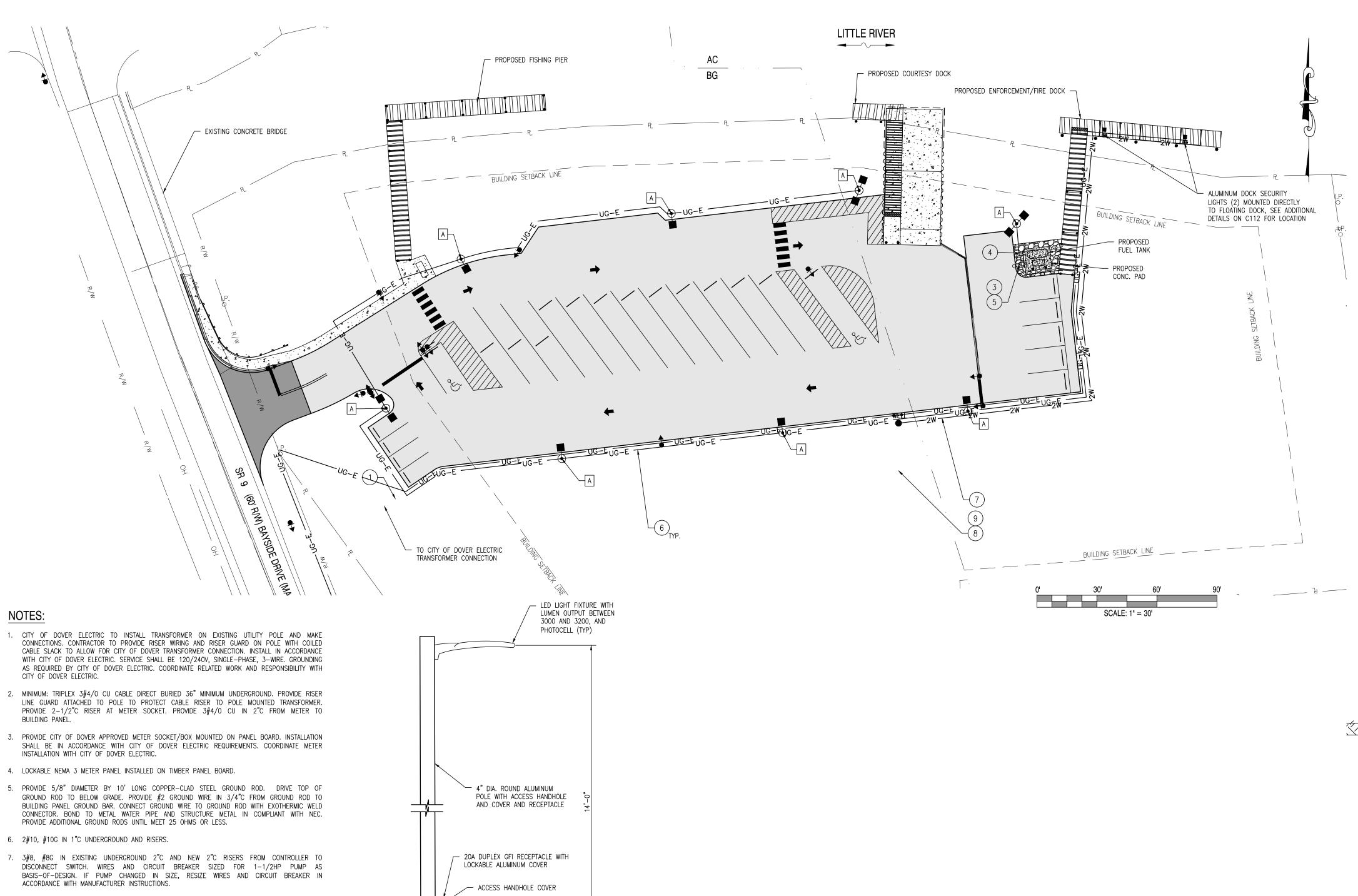
- 1. THE ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF ALL OTHER TRADES. ALL OTHER TRADE'S DRAWINGS AND SPECIFICATIONS SHALL BE CONSULTED AND COORDINATED WITH PRIOR TO ROUGH-IN.
- WHEREVER POSSIBLE, THE CONTRACTOR SHALL OBTAIN ACTUAL ROUGH-IN DRAWINGS FOR THE ACTUAL ITEM OF EQUIPMENT TO BE INSTALLED PRIOR TO ROUGH-IN. THIS SHALL APPLY TO ALL EQUIPMENT, WHETHER IT IS TO BE INSTALLED BY THE CONTRACTOR OR BY THE OWNER.
- 3. PROVIDE TYPED CIRCUIT DIRECTORIES FOR ALL PANELBOARDS TO INDICATE TYPE OF LOAD SERVED AND AREA SERVED (E.G. RV POWER POST A1).
- 4. UNLESS NOTED OTHERWISE, EVERY CONDUIT CONTAINING 120V OR GREATER WIRING SHALL CONTAIN A SEPARATE INSULATED GROUND WIRE RATED FOR 600V.
- 5. PROVIDE SEPARATE UNSHARED NEUTRAL CONDUCTOR(S) FOR ALL FEEDERS REQUIRING A NEUTRAL (I.E. 1 PHASE 3 WIRE). SHARING OF NEUTRAL CONDUCTORS BETWEEN ANY CIRCUIT (FEEDER) IS NOT PERMITTED. MULTIWIRE FEEDER CIRCUITS ARE NOT PERMITTED.
- 6. CONFIRM ALL EQUIPMENT LOCATIONS PRIOR TO INSTALLATION.
- 7. PROVIDE WARNING LABELS FOR ALL PANELBOARDS AND METER SOCKET ENCLOSURES, WARNING LABELS SHALL READ AS FOLLOWS: "CAUTION. POTENTIAL ELECTRIC ARC FLASH HAZARD. WEAR PROPER PROTECTIVE CLOTHING WHILE EXAMINING, ADJUSTING, SERVICING OR MAINTAINING ENERGIZED EQUIPMENT." INSTALL WARNING LABELS ON EXTERIOR FRONT FACE OF ALL PANELBOARDS AND METER SOCKET ENCLOSURES LOCATED IN UNFINISHED/UTILITY TYPE SPACES. INSTALL WARNING LABELS ON INTERIOR FRONT FACE OF ALL PANELBOARDS LOCATED IN FINISHED SPACES. ENTIRE INSTALLATION SHALL COMPLY WITH THE REQUIREMENTS OF THE 2011 NEC, ARTICLE 110.16 (FLASH PROJECTION).
- 8. PROVIDE PANELBOARD AS REQUIRED. EACH SPACE SHALL BE A FULLY PREPARED SPACE (I.E. COMPLETE WITH ALL PROVISIONS INCLUDING ALL HARDWARE REQUIRED TO MOUNT A FUTURE CIRCUIT BREAKER INCLUDING BUS CONNECTIONS, CIRCUIT BREAKER MOUNTING BRACKET, CIRCUIT BREAKER COVER AND COVER KNOCKOUTS, ETC.). PANELBOARDS SHALL BE NEMA 3R, LOCKABLE WITH THE SAME KEYING.
- 9. COORDINATE UNDERGROUND RUNS WITH EXISTING CONDITION AND TREE LOCATIONS. 10. VERIFY ELECTRICAL SYSTEM PHASING AND ROTATION WITH UTILITY COMPANY.

- 11. COMPLY WITH CITY OF DOVER PUBLIC WORKS' ELECTRIC UTILITY SPECIFICATION FOR DEVELOI PRIMARY, TRANSFORMER, SECONDARY, AND METERING WORKS WITH CITY OF DOVER PUBLIC WO
- 12. COMPLY WITH CURRENT NATIONAL, STATE, AND LOCAL ADOPTED CODES.
- 13. SAW CUT PAVED AREAS IN ACCORDANCE WITH CONSTRUCTION DETAILS.
- 14. RESTORE DISTURBED PAVED AREAS IN TO THE ORIGINAL CONDITION OR IN ACCORDANCE WITH C
- 15. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY POWER (PORTABLE GENERAL ETC.).
- 16. ALL CONDUITS SHALL BE SCHEDULE 80 PVC, UNLESS NOTED OTHERWISE.
- 17. UNLESS OTHERWISE INDICATED, ALL CABLES/CONDUCTORS SHALL BE COPPER TYPE. ALUM SHALL ONLY BE ALLOW FOR USE FOR PRIMARY AND SECONDARY RUNS IN ACCORDANCE WORKS' REQUIREMENTS.
- 18. UTILITY SERVICE POLE, FUSE CUTOUTS, OVERHEAD LINES UPSTREAM OF UTILITY SERVICE POLE, AND METERS TO BE PROVIDED BY CITY OF DOVER PUBLIC WORKS' ELECTRIC DEPARTMENT.
- 19. FURNISH AND INSTALL TREATED LUMBER BOARDS ON BACK OF EXISTING METER STANDS TO ALLOW FOR INSTALLATION OF NEW PANELBOARDS. RUN SERVICE ENTRANCE WIRING AND CONDUITS AS INDICATED FROM EXISTING METERS TO NEW PANELBOARDS. COORDINATE WITH CITY OF DOVER PUBLIC WORKS FOR INSTALLATION OF NEW METERS. 20. CONTRACTOR SHALL HAVE ALL WORK INSPECTED BY UNDERWRITERS INSPECTION AGENCY. INSPECTION CERTIFICATE SHALL
- BE PROVIDED. . ELECTRICAL CONTRACTOR SHALL COORDINATE WITH SITE CONTRACTOR FOR PLACEMENT OF ALL UNDERGROUND CONDUITS

22. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING UTILITY PERMITS FROM DELDOT IF REQUIRED.

THE CONDUIT ALIGNMENT SHALL BE APPROVED BY THE ENGINEER.

AND WIRING. UNDERGROUND SERVICE SHALL BE PLACED AS SHOWN ON THIS SHEET. ANY REVISIONS OR ALTERATIONS TO



- 8. PROVIDE 30A/2P NON-FUSIBLE DISCONNECT SWITCH WITH NEMA 4X STAINLESS STEEL ENCLOSURE AND PAD-LOCKABLE HANDLE. MOUNT DISCONNECT SWITCH ON 4"x4" TREATED LUMBER POST. BOTTOM OF DISCONNECT SWITCH 2-1/2' ABOVE FINISHED GRADE MINIMUM. BURY TREATED LUMBER POST 3' BELOW GRADE. PROVIDE 12" DIAMETER CONCRETE FOOTING AROUND POST.
- 9. 3#8, #8G IN 2"C. MAKE CONNECTIONS INSIDE WELL PUMP CONNECTION BOX IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

SECURITY LIGHTS TO BE MOUNTED ON THE ENFORCEMENT DOCK IN THE LOCATIONS SHOWN ON THE DETAILS ON SHEET C112.

- BOND GROUND WIRE TO POLE

- ANCHOR BOLT (TYP)

ן רביי

ᇉᆖᆋ

WITH GROUND LUG PROVIDED BY POLE MANUFACTURER

DOCK SECURITY LIGHT SCALE: 1" = 1'- 0"

						SITE LIGHTING	G FIXTURE SCHEDULE	
ELOPER DOCUMENT. COORDINATE WORKS.	QTY	TYPE	LAMPS	VOLTAGE	MOUNT	FIXTURE DESCRIPTION	MANUFACTURER CATALOG NUMBER	
TOTAS.	5	A	LED	UNIV. 120–277V	POLE MNT SINGLE @ 20'-0"	SINGLE MOUNT FULL CUTOFF LED PARKING LOT LUMINAIRE AND POLE WITH RECEPTACLE AND PHOTOCELL.	SEE TECHNICAL SPECIFICATIONS FOR LIGHT FIXTURE SELECTION GUIDANCE	20' ALUMINUM POLES POLE – SE
TH CONSTRUCTION DETAILS. ERATORS, TEMPORARY SERVICES,	3	A	LED	UNIV. 120–277V	POLE MNT DOUBLE @ 20'-0"	DOUBLE MOUNT FULL CUTOFF LED PARKING LOT LUMINAIRE AND POLE WITH RECEPTACLE AND PHOTOCELL.	SEE TECHNICAL SPECIFICATIONS FOR LIGHT FIXTURE SELECTION GUIDANCE	20' ALUMINUM POLES POLE – SE
ALUMINUM CABLES/CONDUCTORS E WITH CITY OF DOVER PUBLIC	2	_	LED	UNIV. 120-277V	DOCK MNT. SINGLE @ 14'-0"	SINGLE MOUNT WILDLIFE FRIENDLY LED DOCK LUMINAIRE AND POLE WITH RECEPTACLE AND PHOTOCELL	SEE TECHNICAL SPECIFICATIONS FOR LIGHT FIXTURE SELECTION GUIDANCE	14' ALUMINUM POLES
E WITH CITY OF DOVER PUBLIC					14 -0	RECEPTACLE AND PHOTOCELL		

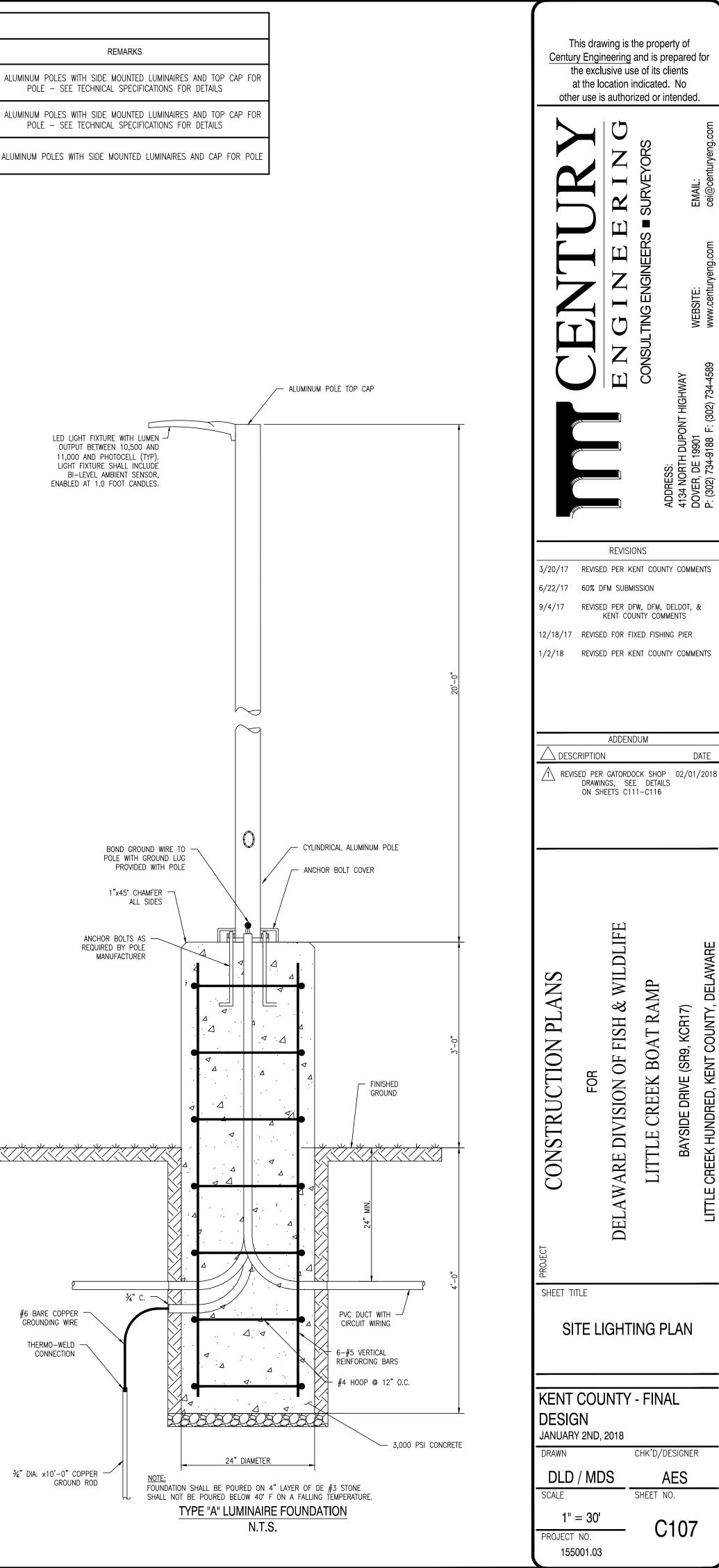
ELECTRICAL LEGEND

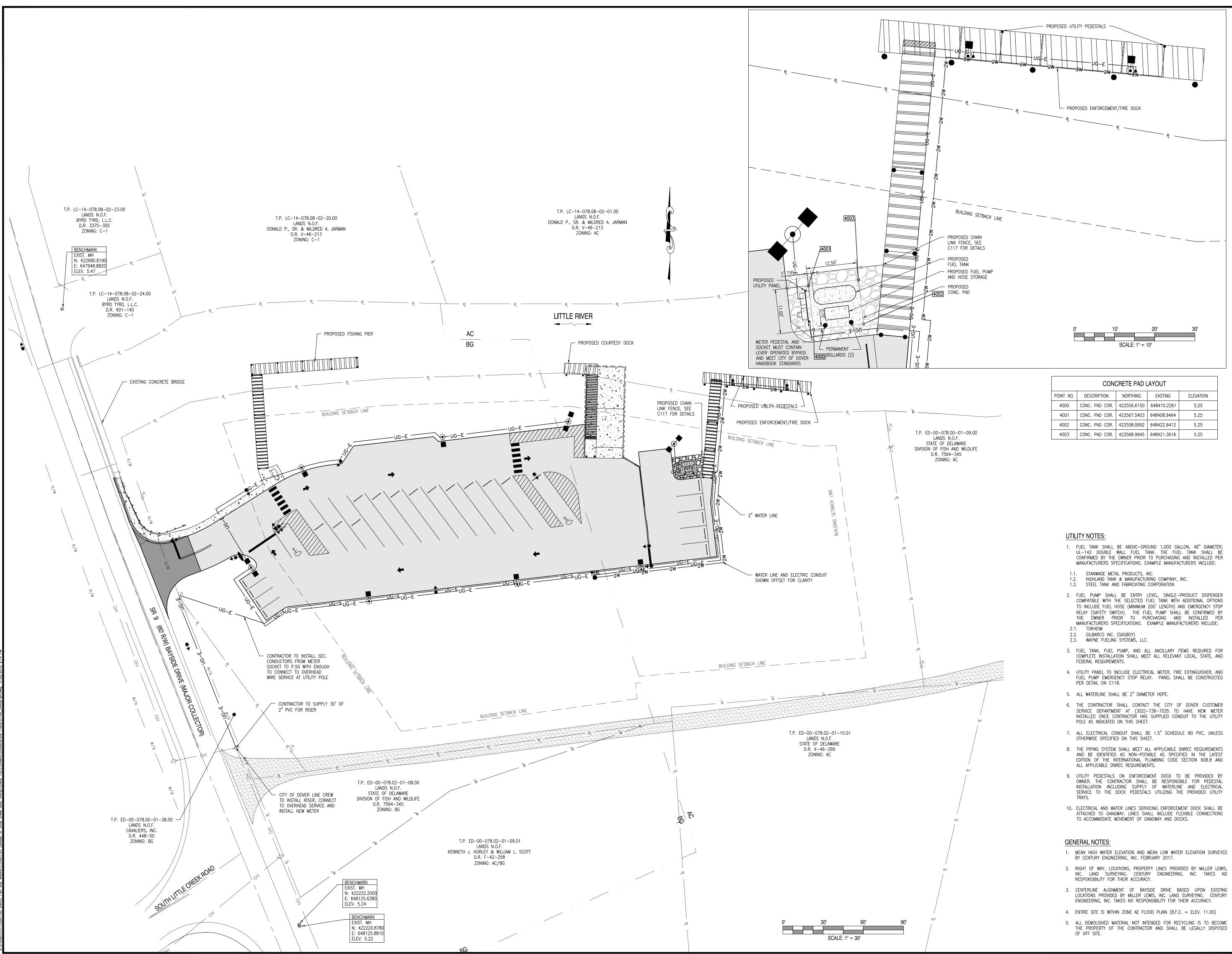
— OH — OVERHEAD ELECTRIC

- UG-E- UNDERGROUND ELECTRIC

ELECTRIC UTILITY METER

ELECTRIC PANEL BOX





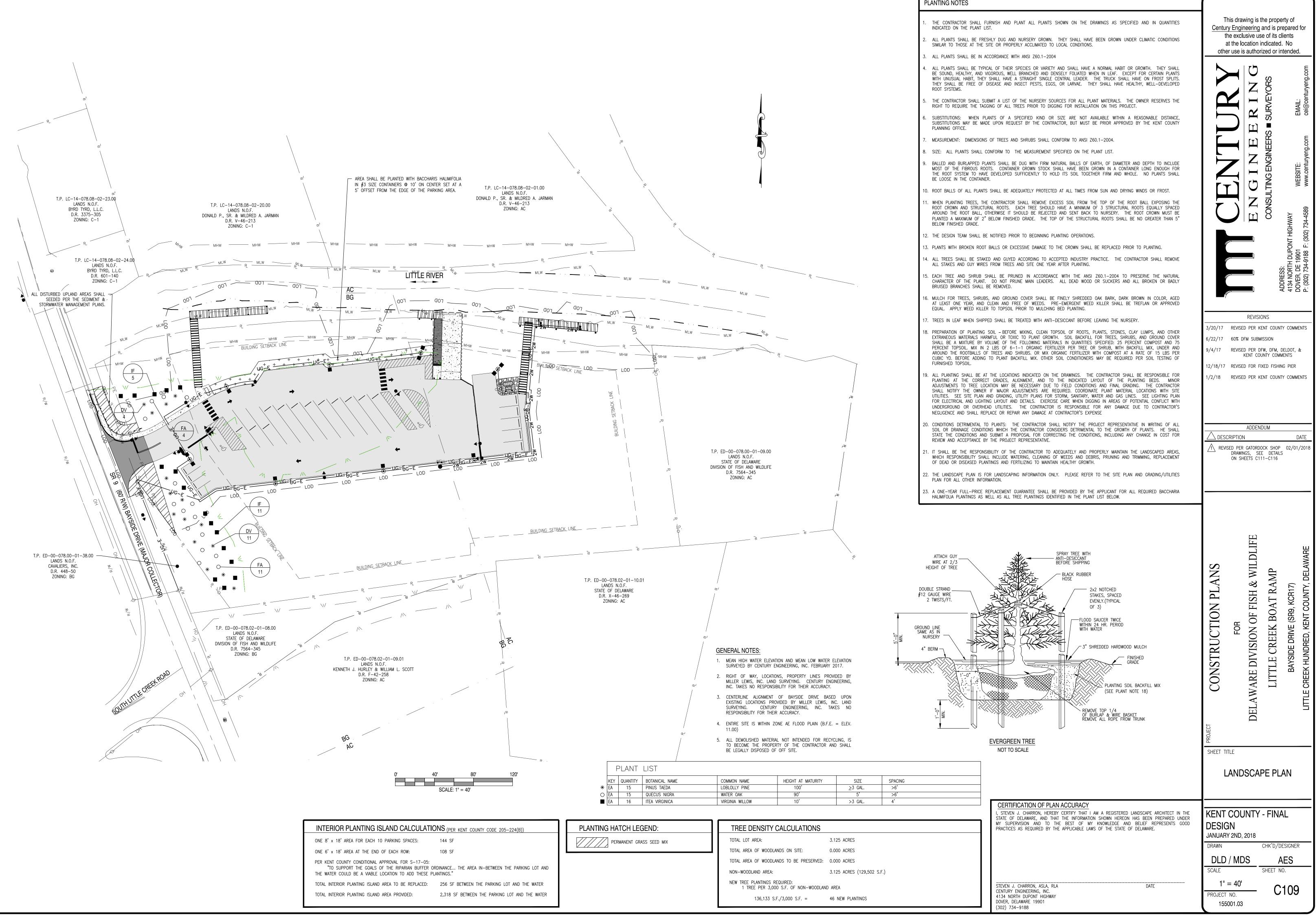
	CONCRETE PAD LAYOUT									
POINT NO.	DESCRIPTION	NORTHING	EASTING	ELEVATION						
4000	CONC. PAD COR.	422556.6150	648410.2261	5.25						
4001	CONC. PAD COR.	422567.5403	648408.9464	5.25						
4002	CONC. PAD COR.	422558.0692	648422.6412	5.25						
4003	CONC. PAD COR.	422568.9945	648421.3616	5.25						

- UL-142 DOUBLE WALL FUEL TANK. THE FUEL TANK SHALL BE CONFIRMED BY THE OWNER PRIOR TO PURCHASING AND INSTALLED PER
- COMPATIBLE WITH THE SELECTED FUEL TANK WITH ADDITIONAL OPTIONS TO INCLUDE FUEL HOSE (MINIMUM 200' LENGTH) AND EMERGENCY STOP RELAY (SAFETY SWITCH). THE FUEL PUMP SHALL BE CONFIRMED BY THE OWNER PRIOR TO PURCHASING AND INSTALLED PER MANUFACTURERS SPECIFICATIONS. EXAMPLE MANUFACTURERS INCLUDE:
- COMPLETE INSTALLATION SHALL MEET ALL RELEVANT LOCAL, STATE, AND
- FUEL PUMP EMERGENCY STOP RELAY. PANEL SHALL BE CONSTRUCTED
- SERVICE DEPARTMENT AT (302)-736-7035 TO HAVE NEW METER INSTALLED ONCE CONTRACTOR HAS SUPPLIED CONDUIT TO THE UTILITY
- AND BE IDENTIFIED AS NON-POTABLE AS SPECIFIED IN THE LATEST EDITION OF THE INTERNATIONAL PLUMBING CODE SECTION 608.8 AND
- OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PEDESTAL INSTALLATION INCLUDING SUPPLY OF WATERLINE AND ELECTRICAL SERVICE TO THE DOCK PEDESTALS UTILIZING THE PROVIDED UTILITY
- ATTACHED TO GANGWAY. LINES SHALL INCLUDE FLEXIBLE CONNECTIONS

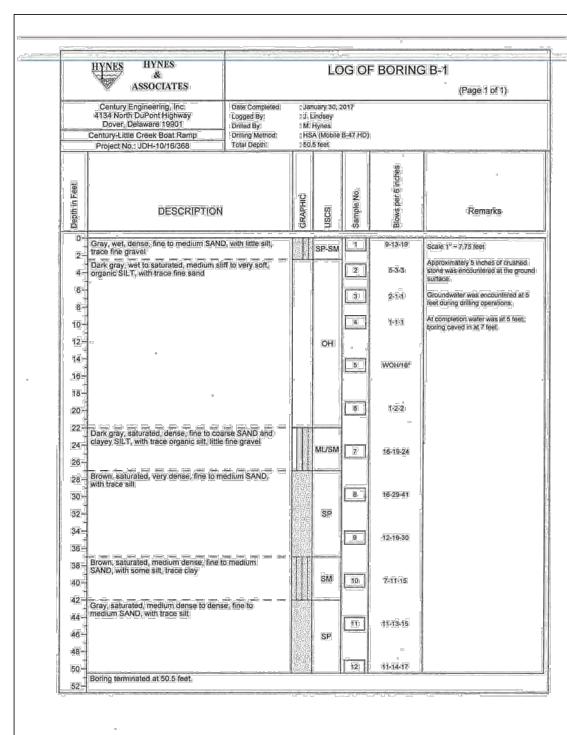
- INC. LAND SURVEYING. CENTURY ENGINEERING, INC. TAKES NO
- LOCATIONS PROVIDED BY MILLER LEWIS, INC. LAND SURVEYING. CENTURY
- 5. ALL DEMOLISHED MATERIAL NOT INTENDED FOR RECYCLING IS TO BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE LEGALLY DISPOSED

<u>Centur</u> th a	y Engir ne exclu it the lo	neering usive us cation i	he prop and is p e of its c ndicatec ized or i	repared clients I. No	
	NI	RING	SURVEYORS		cei@centuryeng.com
		GINEE	NSULTING ENGINEERS ■ SURVEYORS	WEBCITE.	www.centuryeng.com
			00	AUDHESS: 4134 NORTH DUPONT HIGHWAY	P: (302) 734-9188 F: (302) 734-4589
3/20/17 6/22/17 9/4/17 12/18/17 1/2/18	60% di Revisei I Revisei	FM SUBM D PER DI KENT COU D FOR FI	ENT COUN	DELDOT, MENTS NG PIER	&
^	DRAWIN	GATORDO)CK SHOP E DETAIL	02/01	DATE /2018
CONSTRUCTION PLANS	FOR	DELAWARE DIVISION OF FISH & WILDLIFE	LITTLE CREEK BOAT RAMP	BAYSIDE DRIVE (SR9, KCR17)	LITTLE CREEK HUNDRED, KENT COUNTY, DELAWARE
PROJECT	TIE	DE			
SHEET TI		ILITY	PLAN	J	
KENT DESIG	ΆN		- FIN	4L	_
DRAWN DLD SCALE			CHK'D/E	AES	{
AS PROJECT	NO	ED	С	108	

155001.03

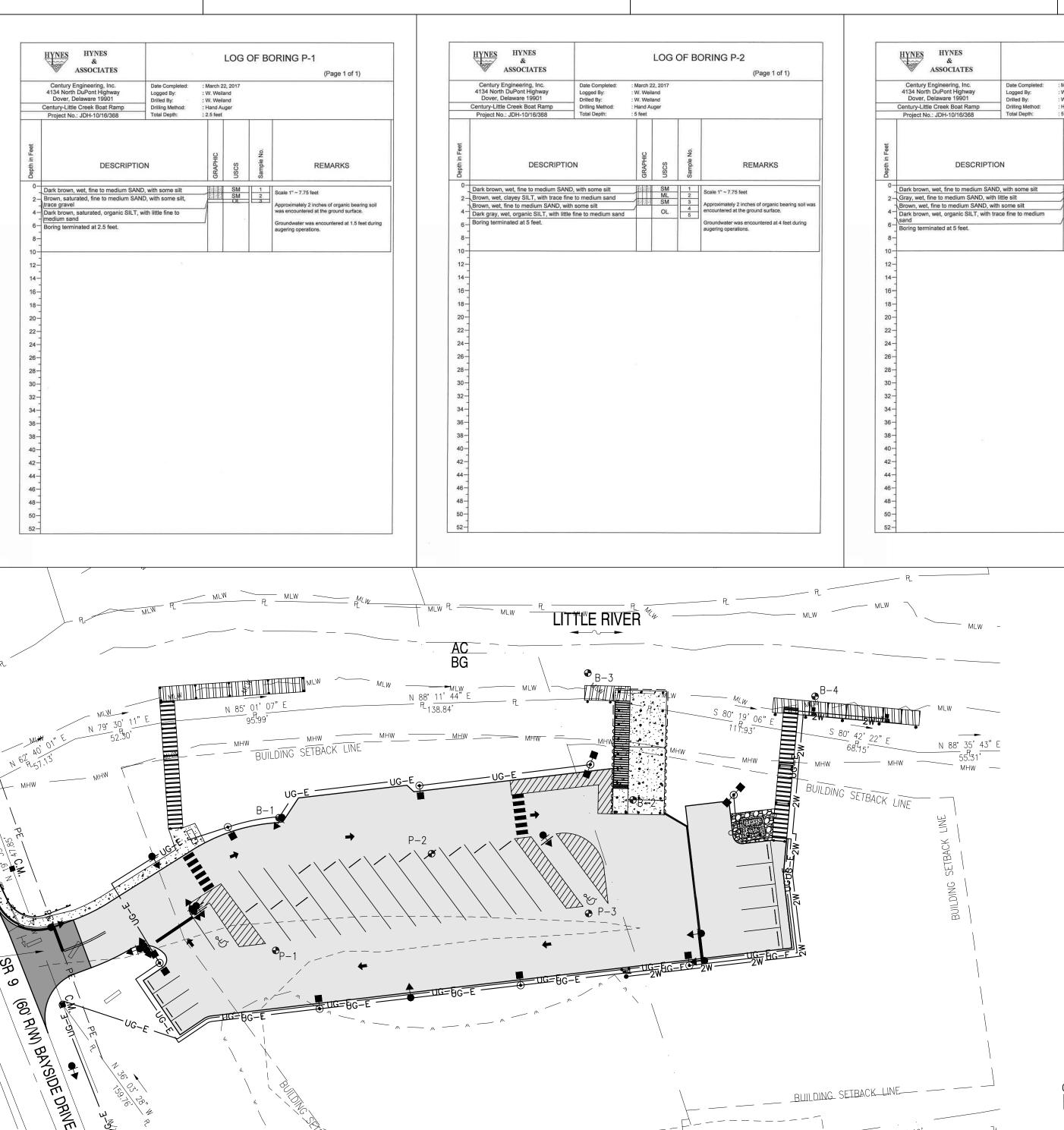


PLANTING NOTES



	HYNES & ASSOCIATES		<u></u>	L	DG OF	BORIN	and have been ad		Į	HYNES HYNES & ASSOCIATES				LOG	OF BORI	
	Century Engineering, Inc. 4134 North DuPont Highway Dover, Delaware 19901 Century-Little Creek Boat Ramp	Date Completed: Logged By: Drilled By: Drilling Method: Total Depth:	t J.1 M. t HS	nuary 30, Indsey Hynes A (Mobile 5 feet	2017 B-47 HD)		(Page 1 of 1)		Ce	Century Engineering, Inc. 4134 North DuPont Highway Dover, Delaware 19901 entury-Little Creek Boat Ramp Project No: JDH-10/16/368	Date Completed Logged By: Drilled By: Drilling Method: Total Depth;	8	J. Linds M. Hyne	obile B-47	B HD)1	(Page 1 of 2)
	DESCRIPTION		GRAPHIC	nscs	Sample No.	Blows per 6 inches,	Remarks	Depth in Feet		DESCRIPTION	er	GRAPHIC	nscs	Sample No.	Blows per 6 inches	Remarks
2	Brown, wet, medium dense, fine to mediur little sill, trace clay Dark gray, wet to saturated, soft to very so SILT ₃ with trace fine sand			SP-SM	Ĩ	388	Scale 1* ~7:75 feet Approximately 3 inches of crushed stone was encountered at the ground surface;	2× 4-		Dark gray; saturated, very soft, organic : race fine sand	SILT _s with			1	WOH/18" WOH/18"	iŜcale 1" ≈ 7.75 feet Depth to mudline was 5 feet at 12.45 pm.
6 8 0				ЮН	3	2-2-2	Groundwater was encountered at 5 feet during drilling operations. At completion water was at 2 feet; boring caved in at 10 feet.	8= 10=					OH	3	WOH/18" -	
				2	6	WOH/18"		12⊢ 14- 16-						5	WOH/18	
H	Light gray, saturated, medium dense, fine SAND, with trace silt Brown, saturated, very dense, fine to coar			SP	Ë	2-10-17		18- 20- 22-		ight gray; saturated, medium dense; fin AND; with trace silt; trace fine gravel			SP	6	10-13-17	
	Brown, saturated, very dense, fine to coan and clayey SILT Brown, saturated, very dense, fine to med			ML/SM	7	9-29-42		24- 26- 28-	I S/	AND, with trace sill; trace fine gravel	aium		SP	7	19-30-39	
	with trace silt				8	19-28-35	r r	30-	Lig	ight gray, saturated, medium dense, fin	e to			8	11-40-55	
				SP	9	9-26-34		34= 36= 38=	Gr	redium SAND, with trace silt rray, saturated, dense, fine to medium S tie silt, frace clay	SAND, with		SP	Ē	10:9:9	
0 	Light brown, saturated, very dense; fine to SAND, with some silt, trace clay	medium			10	9-22-30		40- 42=	Gr	ite siit, trace clay iray, saturated, very dense, fine to med ith trace silt	um SAND,	K	SP-SM	10	10-16-22	
5-	Gray, saturated, dense, fine to coarse SAN	ND, with little		SM	17	13-26-36		-44= 		ווויז וווסיס אוון:			SP	H	25-50/2	
<u> </u>	silt			SP-SM	12	13-15-17		50=						12	28-50/3" ¹	

	HYNES ASSOCIATES				LOG	of Borii	NG B-4 (Rage 2 of 2)			
	Century Engineering, Inc. 4134 North DuPont Highway Dover, Delaware 19901 Century-Little Creek Boat Ramp	Date Completer Logged By: Drilled By: Drilling Method	Date Completed. 1February 1, 2017/ Logged By: 6,41Lindsey Drilled By: 1M. Hynes							
	Project No.3 JDH-10/16/368	Total Depth:		75.5 fee			(
Depth in Feet	DESCRIPTION		GRAPHIC	USCS	Sample No.	Blows per 6 inches	(Remarks)			
52 - 54 -	Gray; saturated, very dense, fine to me with trace silt	dium SAND,			13	23-34-49				
56 58 60				SP	14:	20-32-46				
62 64					55	20-34-47				
66	Gray, saturated, hard, sitty CLAY, with to medium sand	some fine	1							
70- 72- 74-	ĸ		IJ	CL	16	13-17-28				
76	Boring terminated at 75.5 feet.		17		17	12-16-26				
78										
80										
82-										
84										
86-										
88-						5	ja			
90-	1					-				
92-										
94-							- 			
96- 98-										
100-										
102-										
104-	1					đ				



N 20° 23' 43" W _____ 79.66'

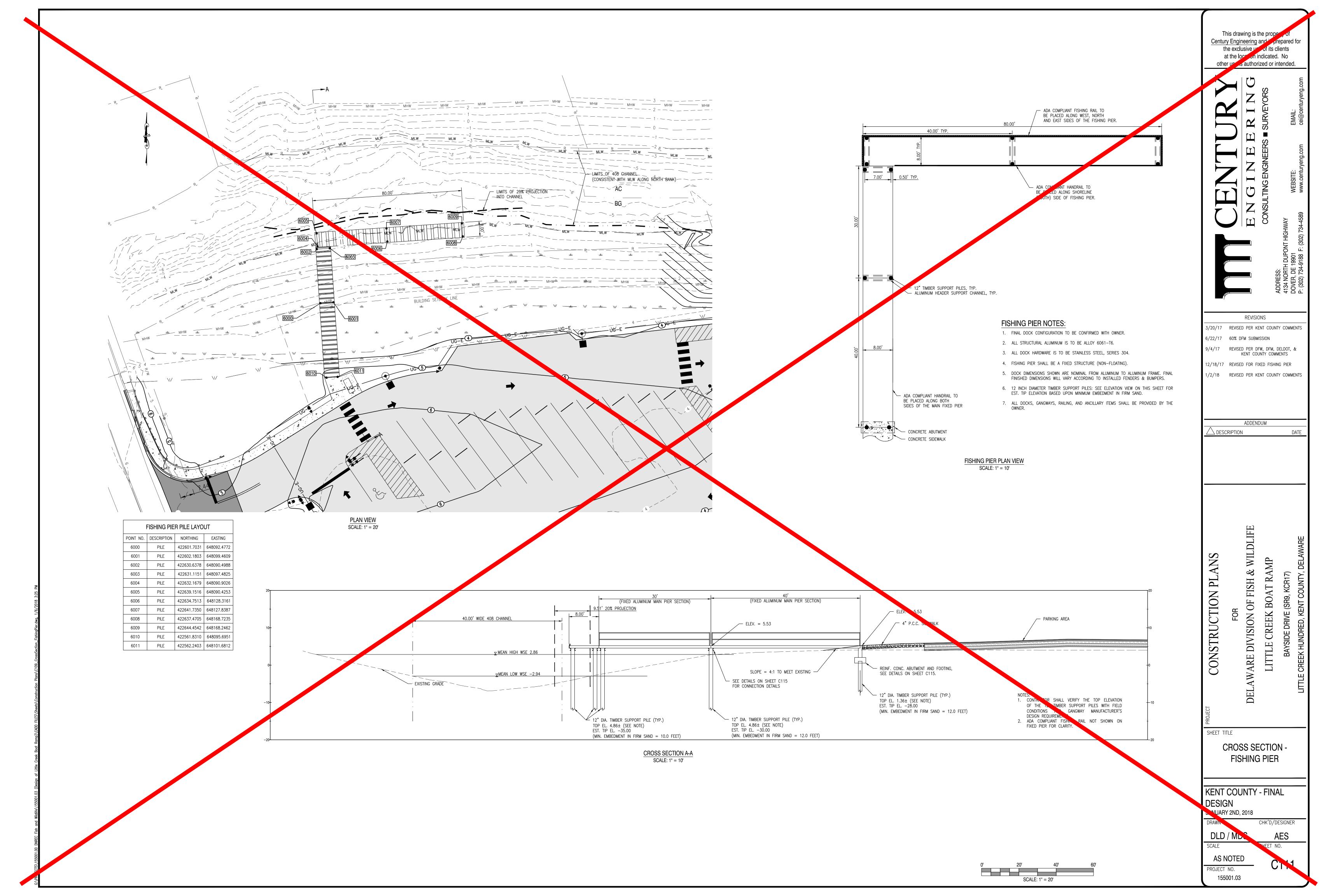
<u> </u>	HYNES & ASSOCIATES	2.000 HE 1017			LOG	OF BORIN	
	Century Engineering, Inc. 4134 North DuPont Highway Dover, Delaware 19901 Century-Little Creek Boat Ramp Project No.: JDH-10/16/368	Date Complete Logged By: Drilled By: Drilling Method: Total Depth:	110	January J. Linds M. Hyne HSA (M 75.5 fee	iy s bile B-47	HD)	(Páge 2 of 2)
Depth in Feet	DESCRIPTION		GRAPHIC	uscs	Sample No.	Blows per 6 inches	Remarks
52- 54- 56-	Gray, saturated, very dense, fine to me with trace silt			SP	13	20-50/3"	
58	Gray, saturated, dense, fine to medium trace silt	SAND, with		SP	14	7-10-27 g	
62- 64- 66-	Gray, saturated, hard, clayey SILT, with sand	trace fine			15	12-14-32	
68 70	Ø	,		МН	16	14,19,33	,
72- 74- 76-	Boring terminated at 75:5 feet.				17	14-20-35	
78- 80-	boling terminated at 1916 (det.						
82- 84-							
86- 88- 90-						o	
92- 94-							
96 98-							
100- 102-							

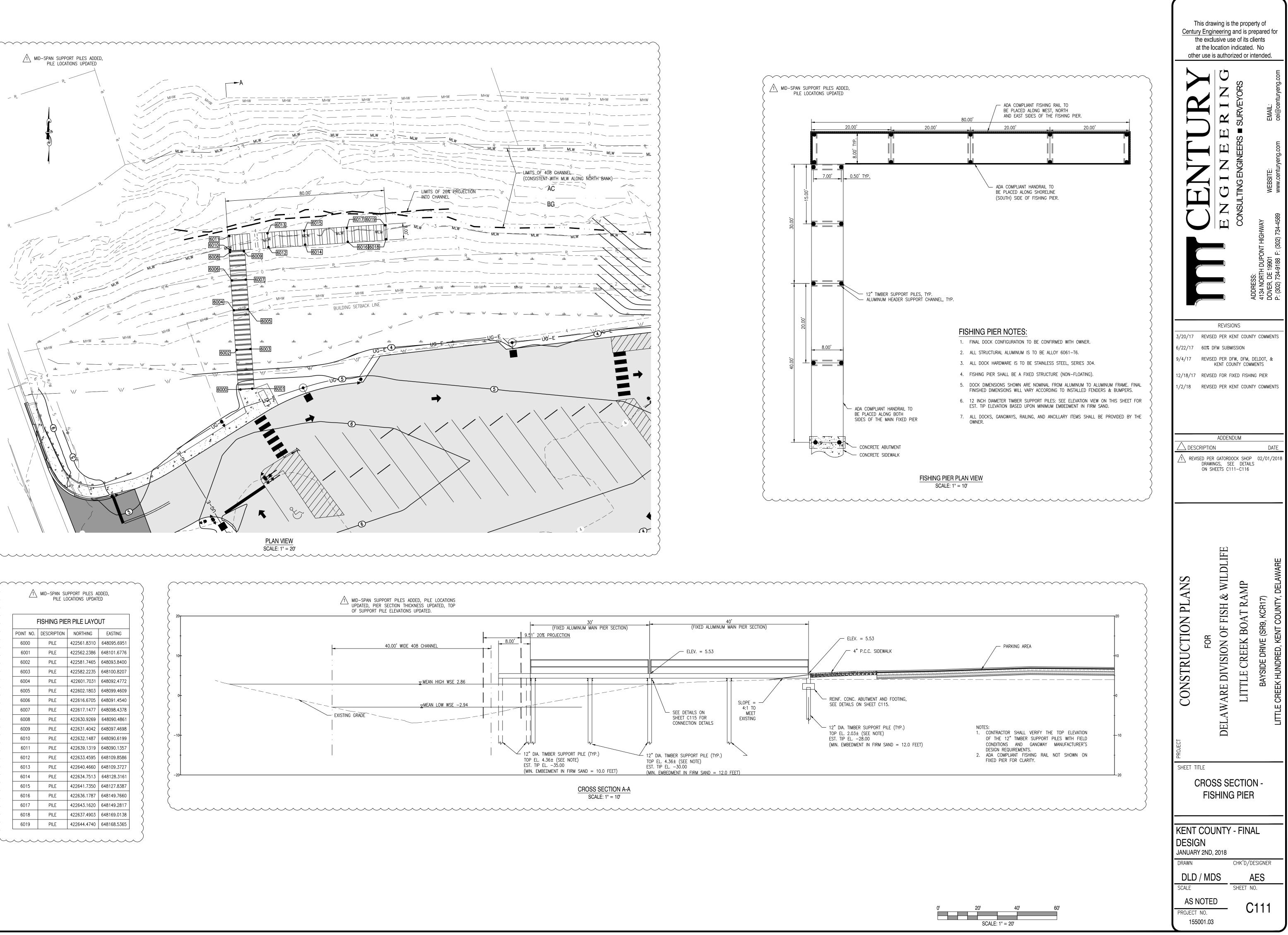
p		HYNES & ASSOCIATES				LOG	OF BORI	NG B-4 (Page 1 of 2)
		Century Engineering, Inc. 4134 North DuPont Highway Dover, Delaware 19901 Century-Little Creek Boat Ramp Project No.: JDH-10/16/368	Date Completed Logged By: Drilled By: Drilling Method: Total Depth:		Februar J. Linds M. Hyne HSA (M 75.5 fee	ey s obile B-47	HD)	
	Depthiin Feet	DESCRIPTION	I	GRAPHIC	USCS	Sample No.	Blows per 6 Inches	Remarks
	0- 2- 4-	Dark gray, saturated, very soft, organ trace fine sand	iic SILT, with			1	WOH/18" WOH/18"	Scale 1" = 7.75 feet Depth to mudline was 4 feet at 9:00 am.
	6- 8- 10-				ÖH	3	WOH/18"	
	12= 14- 16-				-	5	(WOH/18 **)	
	18- 20- 22-	Light gray, saturated, medium dense, SAND, with trace silt, trace fine grave	fine to coarse		SP	6	6-9-15	
	-22- -24- -26-	Gray, saturated, very dense, fine to m with trace silt			SP	7	18-30-42	
	28- 30- 32-	Brown, saturated, very dense, fine to SAND, with trace silt	medium		SP	8	14-41-62	
	34- 36=					9	9-30-48	
	38- 40- 42-	Gray, saturated, hard, clayey SILT, w to medium sand	-		ML.	10	9-18-34	
	44~ 46~	Gray, saturated, very dense, fine to m with trace sill:	1eaium ISAND)		SP	1 7	13-26-40	
	48-				.2	12	27-50/3"	

			(Page 1 of 1)
March W. We W. We Hand / 5 feet	iland		
GRAPHIC	uscs	Sample No.	REMARKS
	SM SP-SM SM OL	1 2 3 4 5	Scale 1" ~ 7.75 feet Approximately 2 inches of organic bearing soil was encountered at the ground surface. Groundwater was encountered at 4 feet during augering operations.

0'		5	0'	1	00'	15	50'
L			SCALE:	1" = 50']	

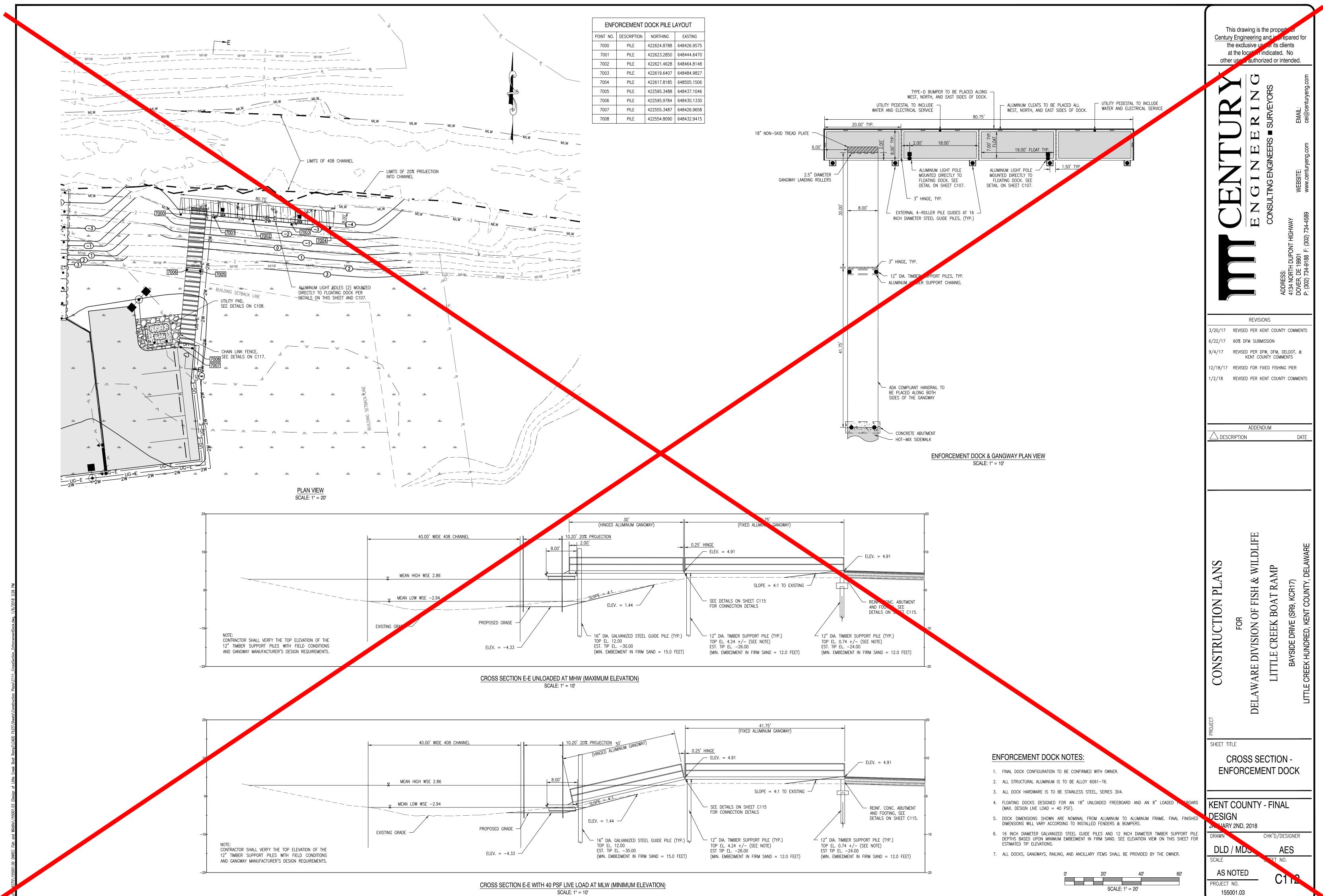
<u>Centur</u> ti	ry Engir he exclu at the Ic	neering usive us ocation in	he prope and is pr e of its cl ndicated ized or ir	epared lients No	
		ERING	SURVEYORS	EMAII ·	cei@centuryeng.com
		I G I N E I	ONSULTING ENGINEERS I	WERSHE.	www.centuryeng.com
			Ō	4134 NORTH DUPONT HIGHWAY	P: (302) 734-9188 F: (302) 734-4589
3/20/17			ENT COUNT	ү соммі	ENTS
6/22/17 9/4/17 12/18/17	REVISE	KENT COL	W, DFM, I INTY COMM	IENTS	&
			ENT COUNT		ENTS
-	CRIPTION		MUC	Г	
	SED PER	GATORDO	CK SHOP	02/01)ATE /2018
	SED PER DRAWIN	GATORDO	E DETAILS	02/01	
	SED PER DRAWIN	GATORDO	E DETAILS	02/01	
PROJECT CONSTRUCTION PLANS	SED PER DRAWIN ON SH	DELAWARE DIVISION OF FISH & WILDLIFE	LITTLE CREEK BOAT RAMP	BAYSIDE DRIVE (SR9, KCR17)	/2018
PROJECT CONSTRUCTION PLANS	SED PER DRAWIN ON SH	DELAWARE DIVISION OF FISH & WILDLIFE	E DETAILS	BAYSIDE DRIVE (SR9, KCR17)	/2018
REVIE HEOLECI CONSTRUCTION PLANS REVIE PROJECT CONSTRUCTION PLANS REVIE		DELAWARE DIVISION OF FISH & WILDLIFE DELAWARE DIVISION OF FISH DELAWARE DIVISION OF FISH	FILLE CREEK BOAT RAMP	BAYSIDE DRIVE (SR9, KCR17)	LITTLE CREEK HUNDRED, KENT COUNTY, DELAWARE
REVIE REVIE SHEET TO SHEET TO SH		GATORDOL JOSS, SEE JOSS, SEE JOSS, SEE JOSS, SEE DELAWARE DIVISION OF FISH & WILDLIFE DELAWARE DIVISION OF FISH & WILDLIFE DELAWARE DIVISION OF FISH SOLUTION DELAWARE DIVISION DELAWARE DIVISION OF FISH SOLUTION DELAWARE DIVISION OF FISH SOLUTION DELAWARE DIVISION OF FISH SOLUTION DELAWARE DIVISION OF FISH SOLUTION DELAWARE DIVISION OF FISH SOLUTION SOLUTI	TITTLE CREEK BOAT RAMP	BAYSIDE DRIVE (SR9, KCR17)	LITTLE CREEK HUNDRED, KENT COUNTY, DELAWARE

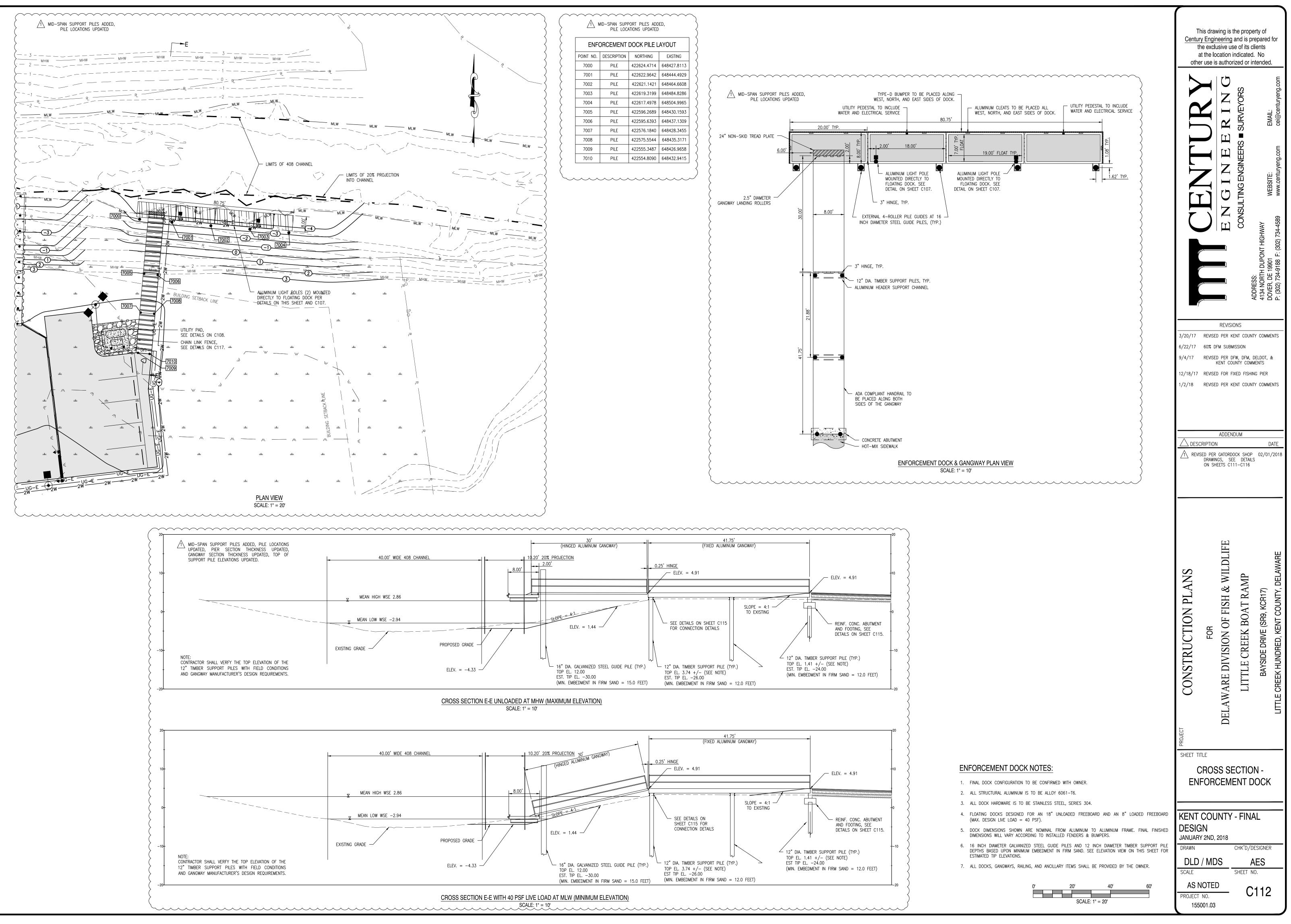


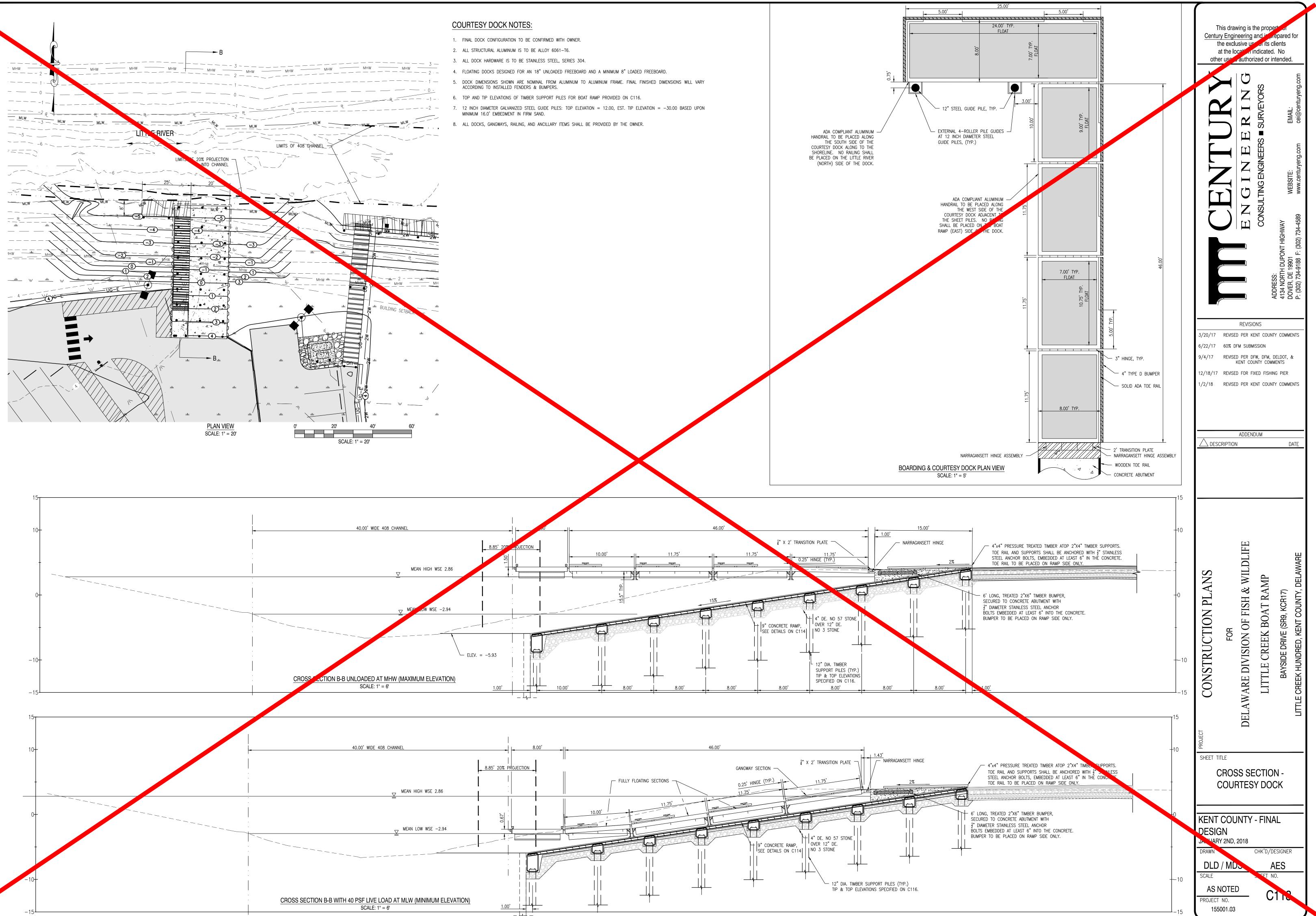


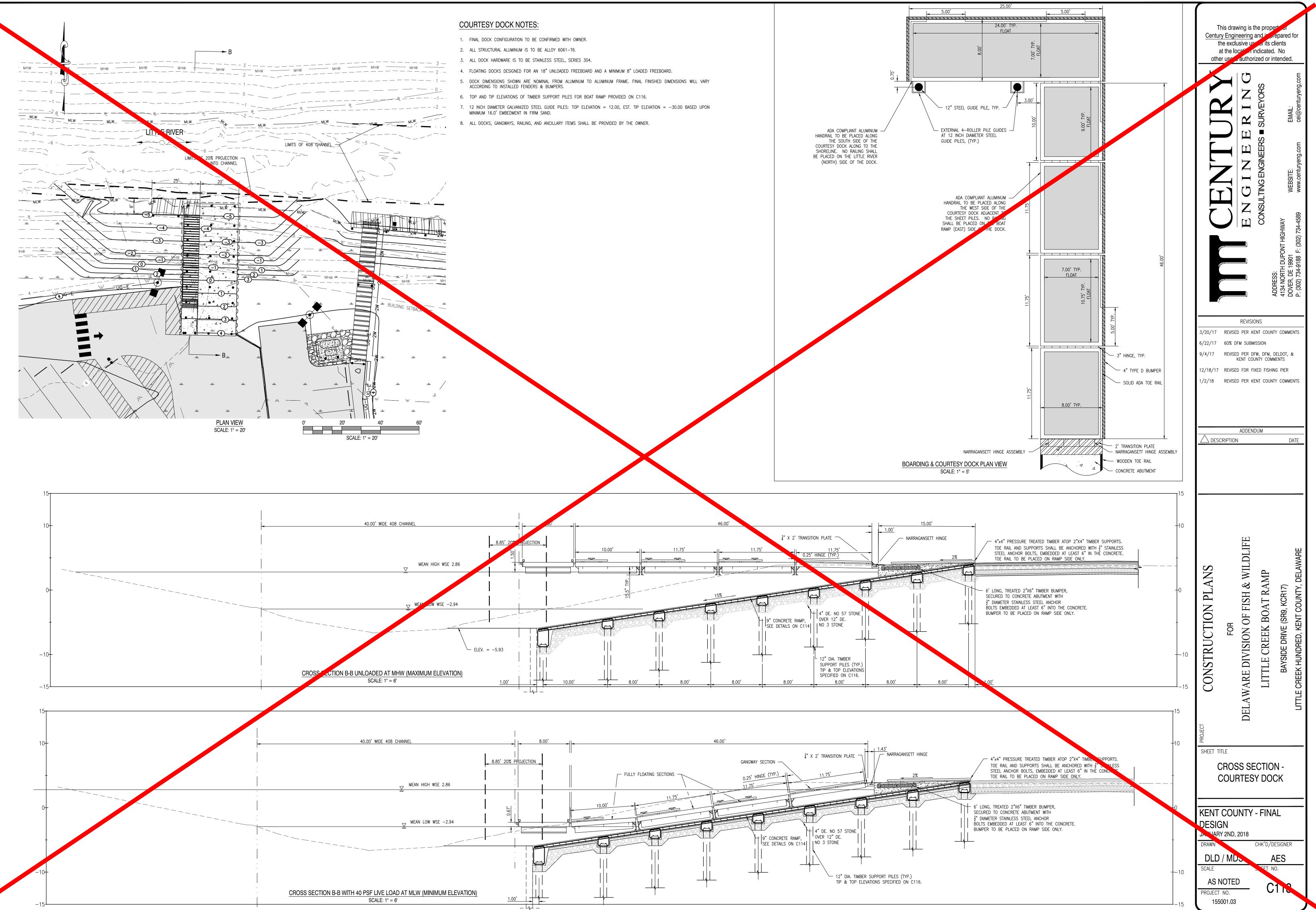
FISHING PIER PILE LAYOUT					
POINT NO.	DESCRIPTION	NORTHING	EASTING		
6000	PILE	422561.8310	648095.695		
6001	PILE	422562.2386	648101.6776		
6002	PILE	422581.7465	648093.8400		
6003	PILE	422582.2235	648100.8207		
6004	PILE	422601.7031	648092.4772		
6005	PILE	422602.1803	648099.4609		
6006	PILE	422616.6705	648091.4540		
6007	PILE	422617.1477	648098.4378		
6008	PILE	422630.9269	648090.486		
6009	PILE	422631.4042	648097.4698		
6010	PILE	422632.1487	648090.6199		
6011	PILE	422639.1319	648090.1357		
6012	PILE	422633.4595	648109.8586		
6013	PILE	422640.4660	648109.3727		
6014	PILE	422634.7513	648128.316		
6015	PILE	422641.7350	648127.8387		
6016	PILE	422636.1787	648149.7660		
6017	PILE	422643.1620	648149.2817		
6018	PILE	422637.4903	648169.0138		
6019	PILE	422644.4740	648168.5365		

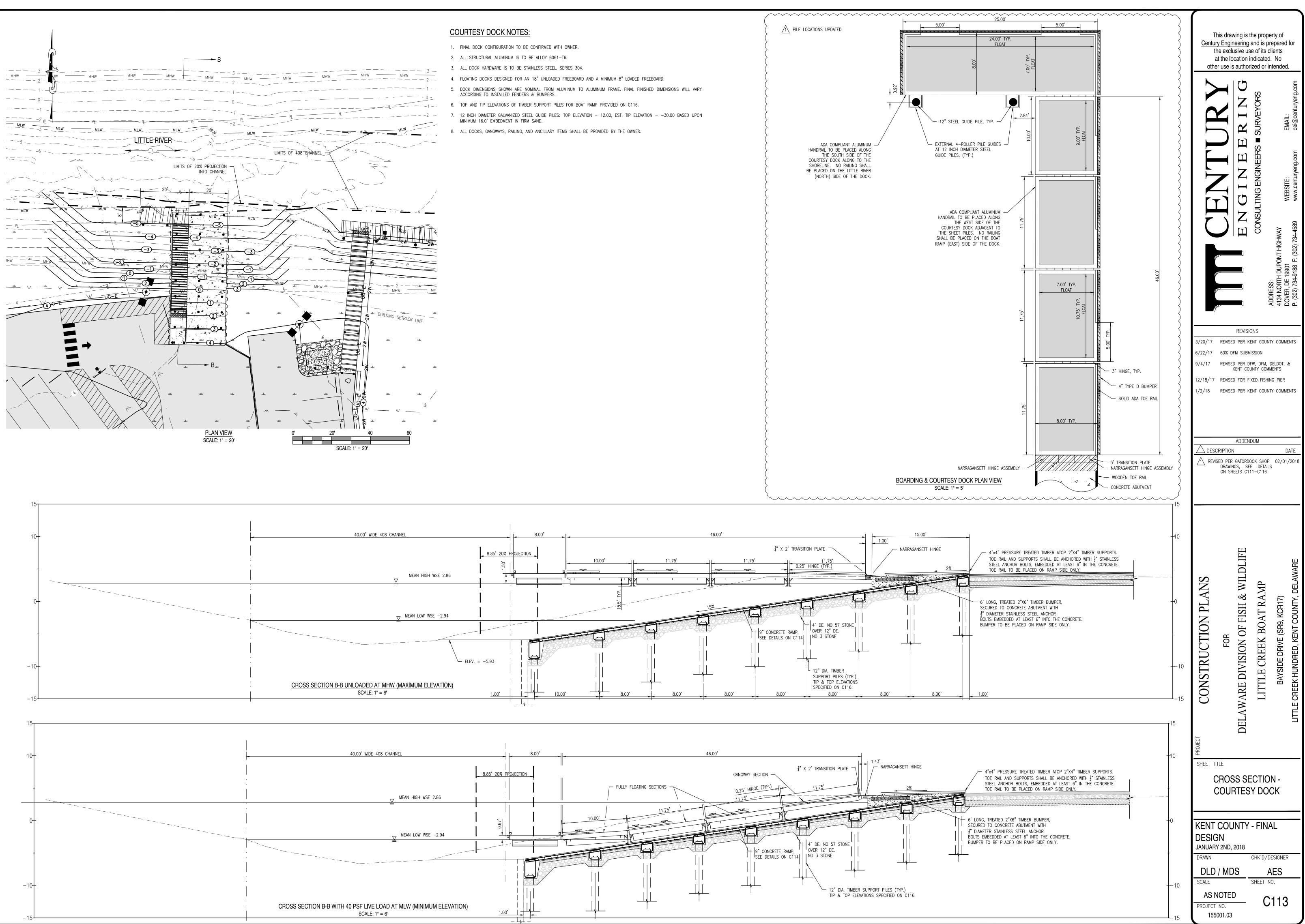


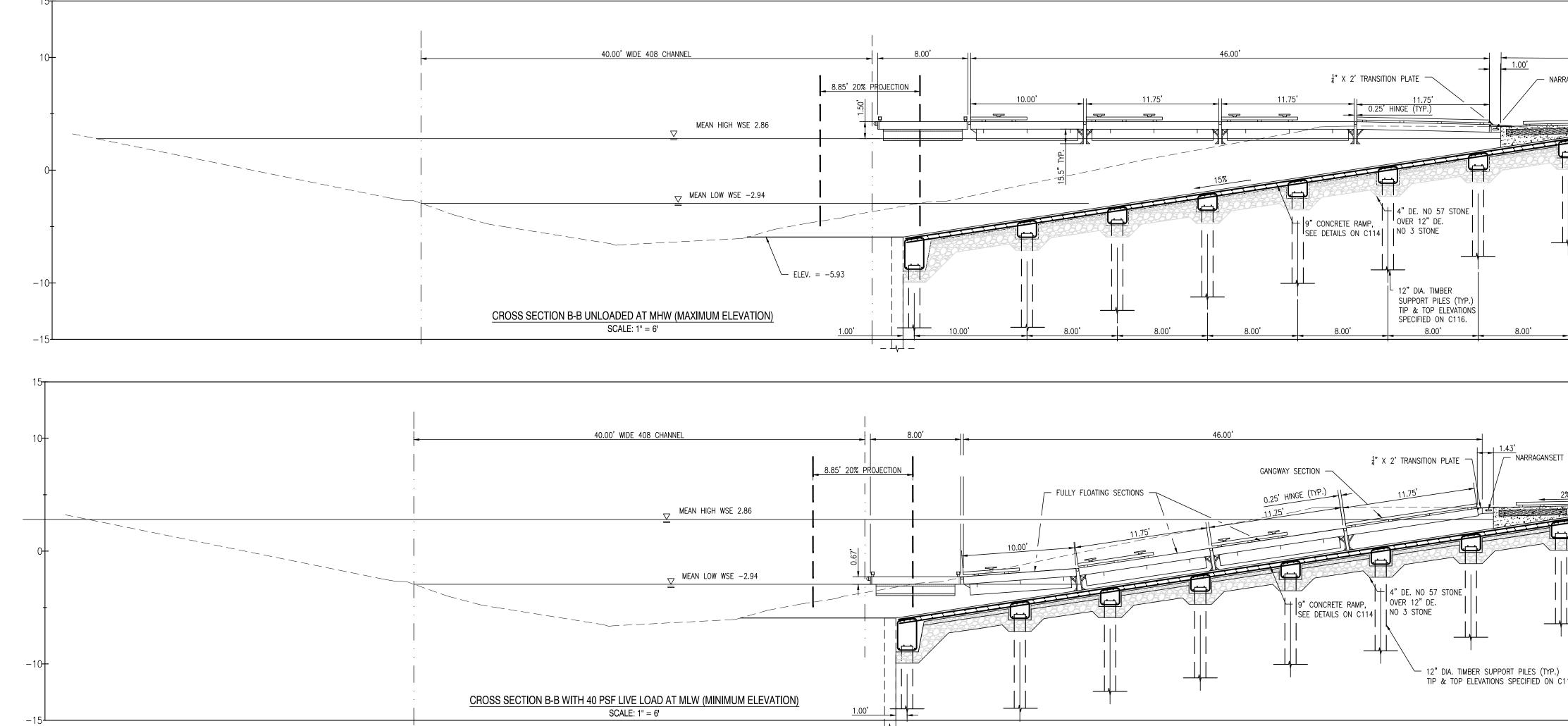


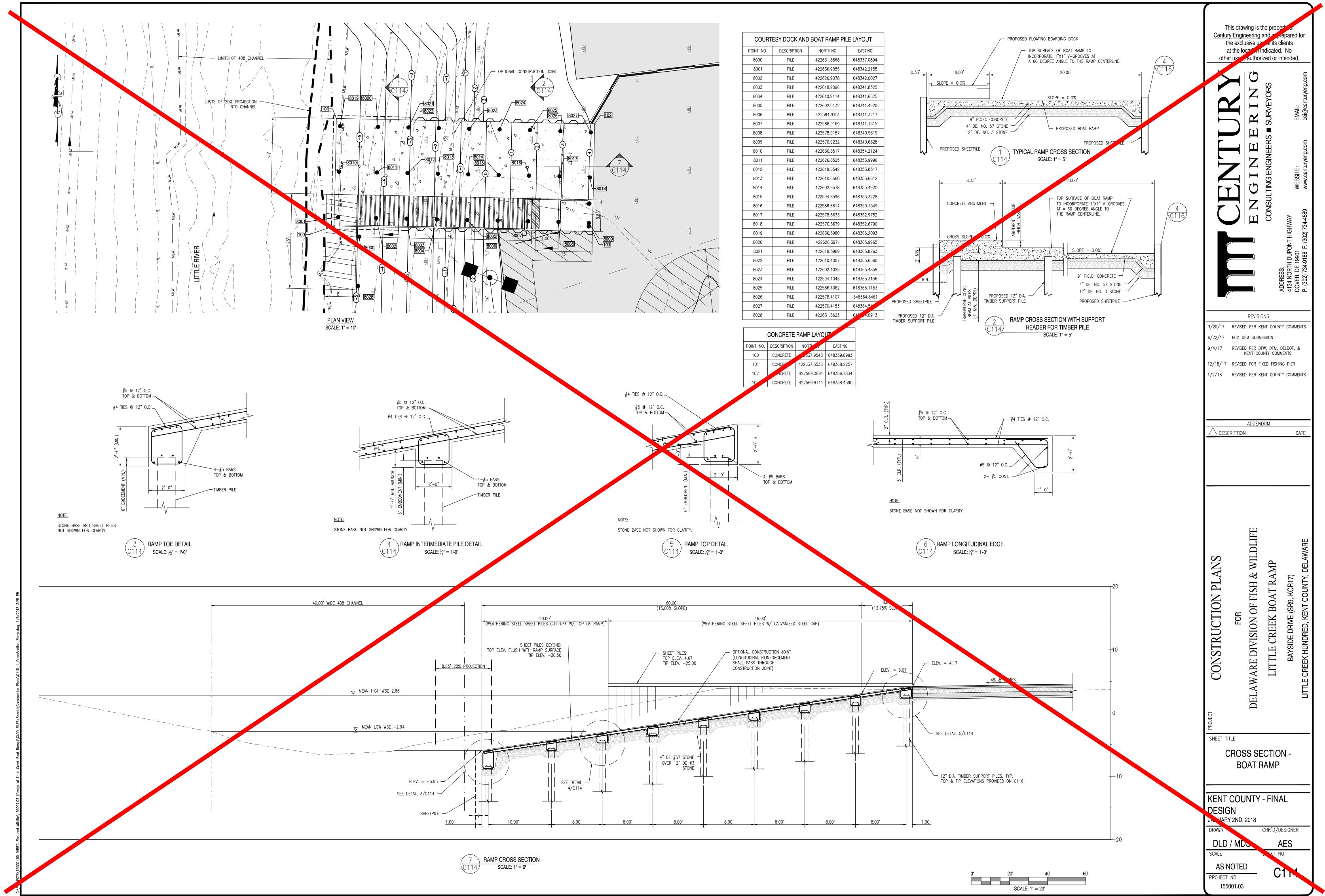


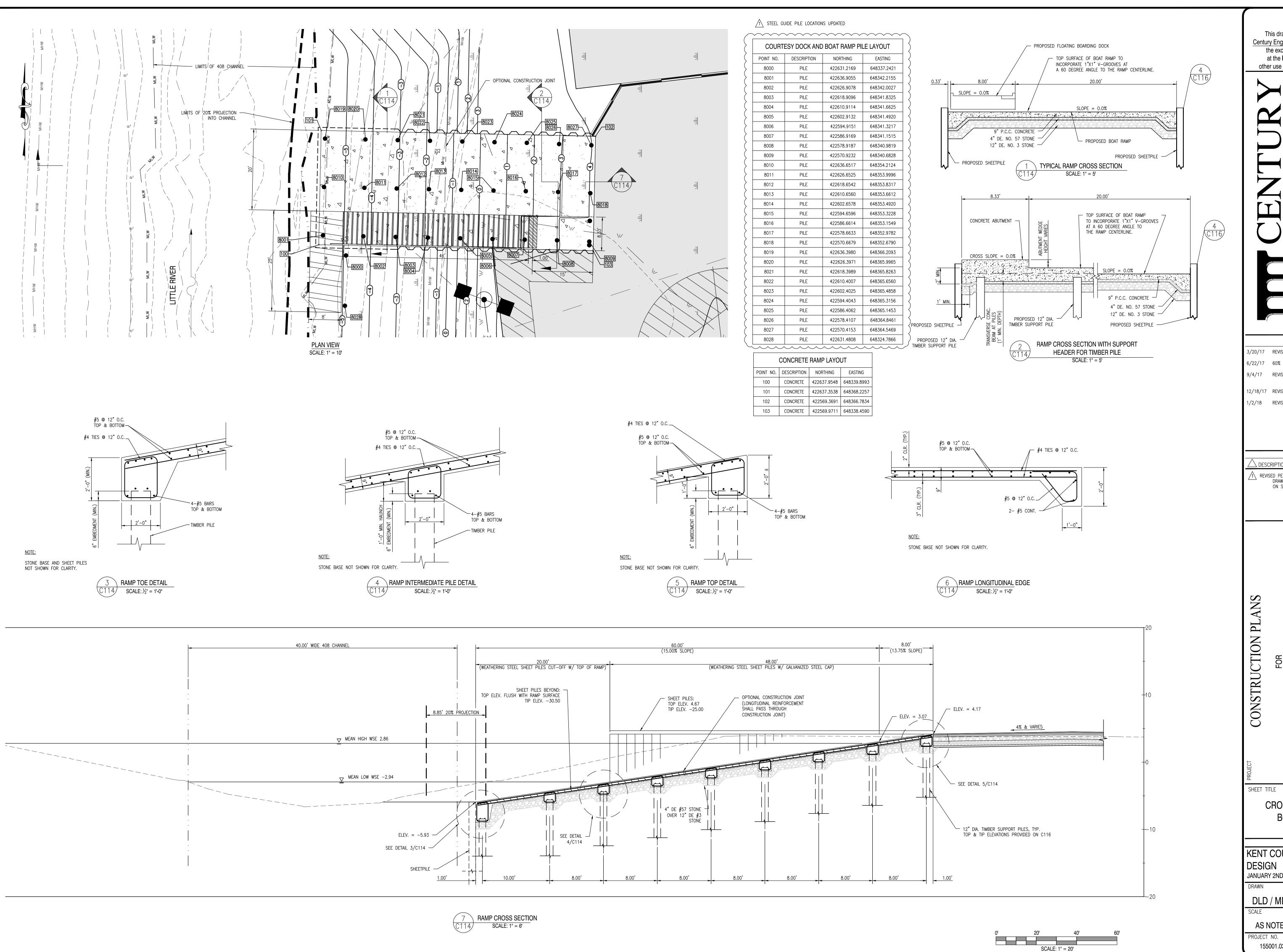




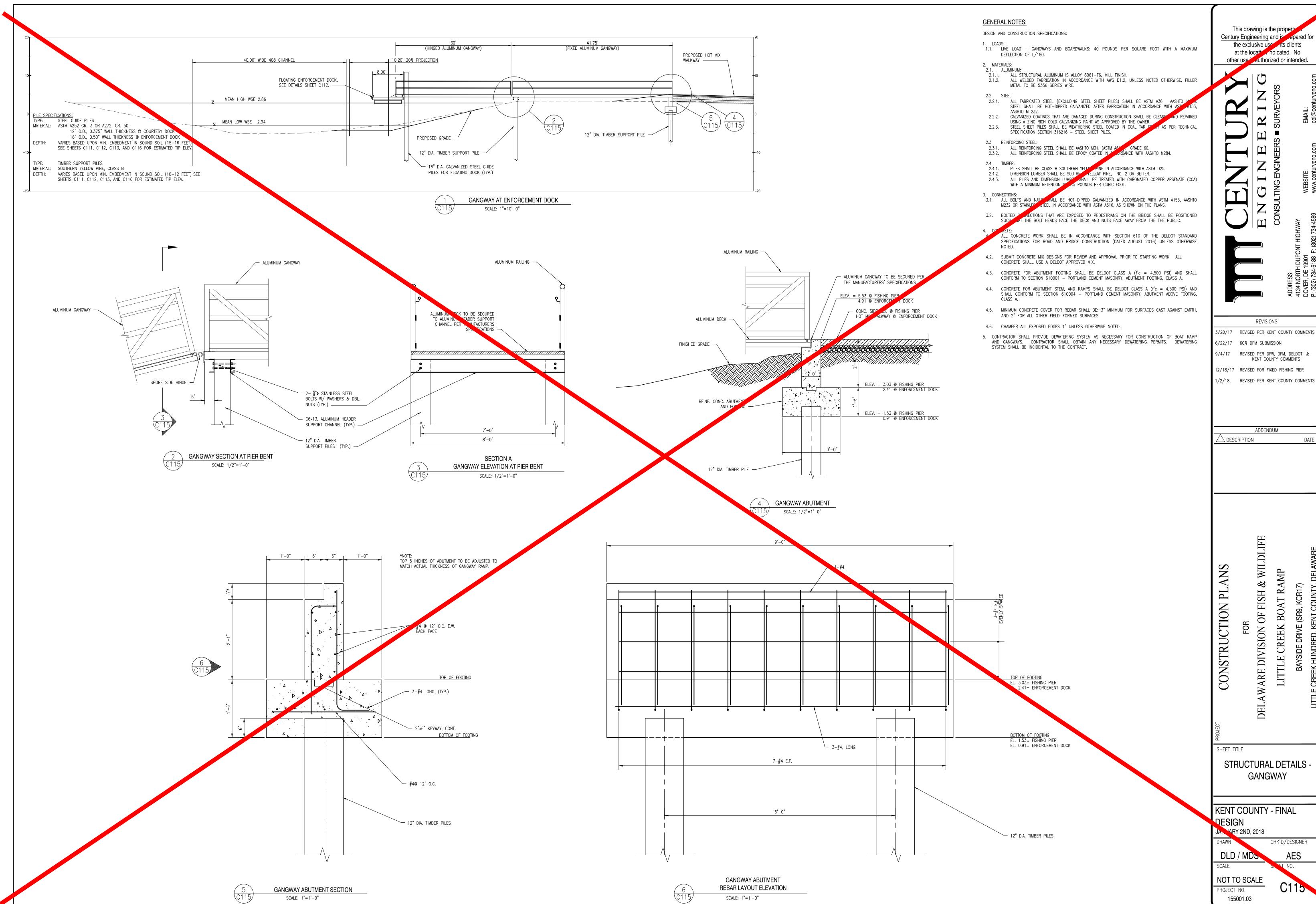






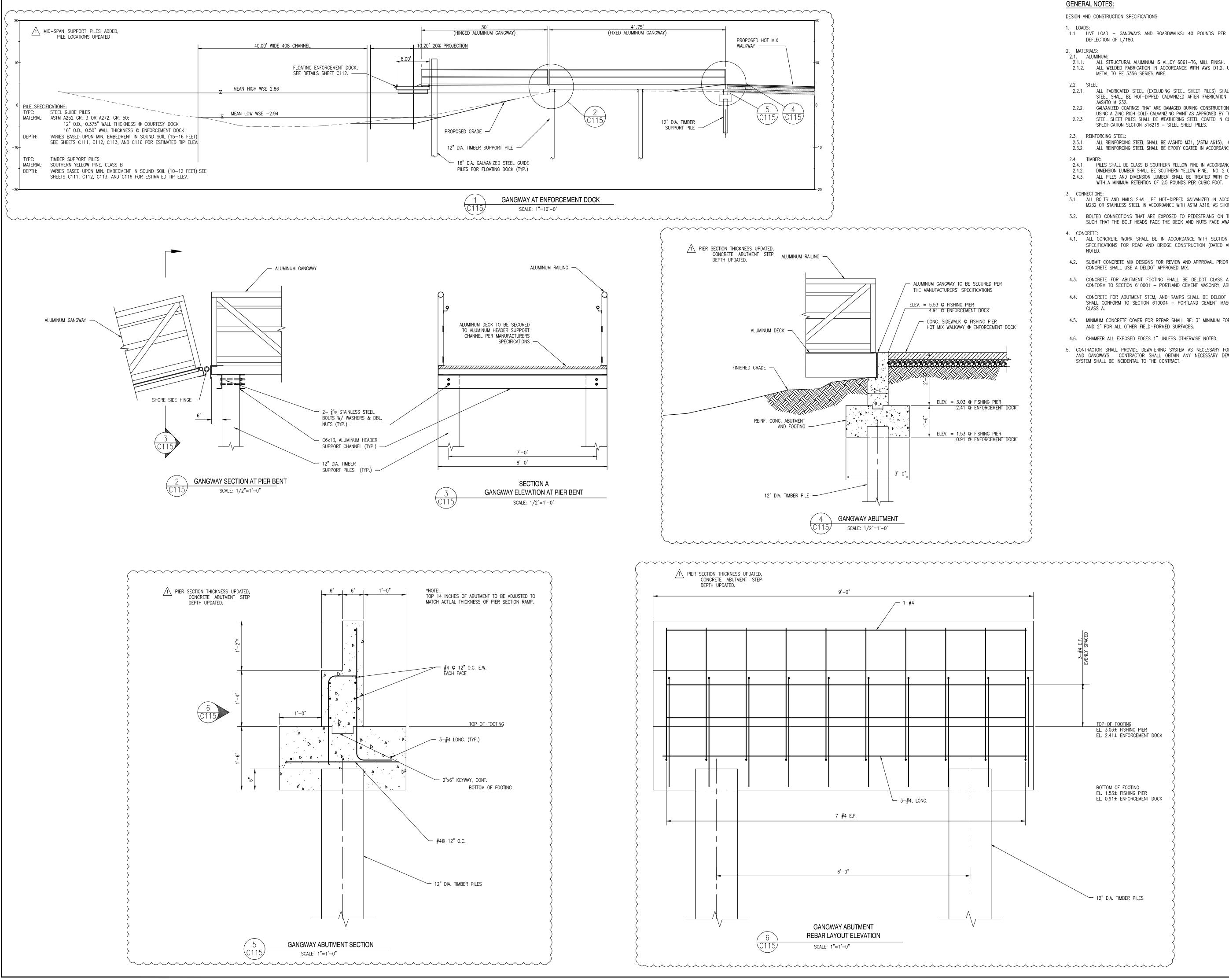


<u>Centur</u> ti	ry Engir he exclu at the lo	neering usive us cation i	he prope and is pr e of its c ndicated ized or ir	epared lients . No	
		L R I N G	(0)		cei@centuryeng.com
		I G I N E I	ONSULTING ENGINEERS SURVEYORS	WEDCITE.	www.centuryeng.com
			CONS	4134 NORTH DUPONT HIGHWAY	P: (302) 734-9188 F: (302) 734-4589
3/20/17 6/22/17 9/4/17 12/18/17 1/2/18	60% di Revisei Revisei	FM SUBM D PER DI KENT COU D FOR FI	ENT COUNT	DELDOT, MENTS NG PIER	&
^	DRAWIN	GATORDO	DCK SHOP E DETAILS	02/01	DATE /2018
CONSTRUCTION PLANS	FOR	DELAWARE DIVISION OF FISH & WILDLIFE	LITTLE CREEK BOAT RAMP	BAYSIDE DRIVE (SR9, KCR17)	LITTLE CREEK HUNDRED, KENT COUNTY, DELAWARE
LLOTECT SHEET TI	CROS	SS SE	ECTIO RAMP	N -	
KENT	COU	INTY	- FINA	٩L	
DESIC JANUAR DRAWN		2018	CHK'D/D	ESIGNEF	2
SCALE			A Sheet N	NES 0.	
PROJECT	NOTEI NO. 001.03	ر 	С	114	





2.	MATERIALS:
2.1	. ALUMINUM:



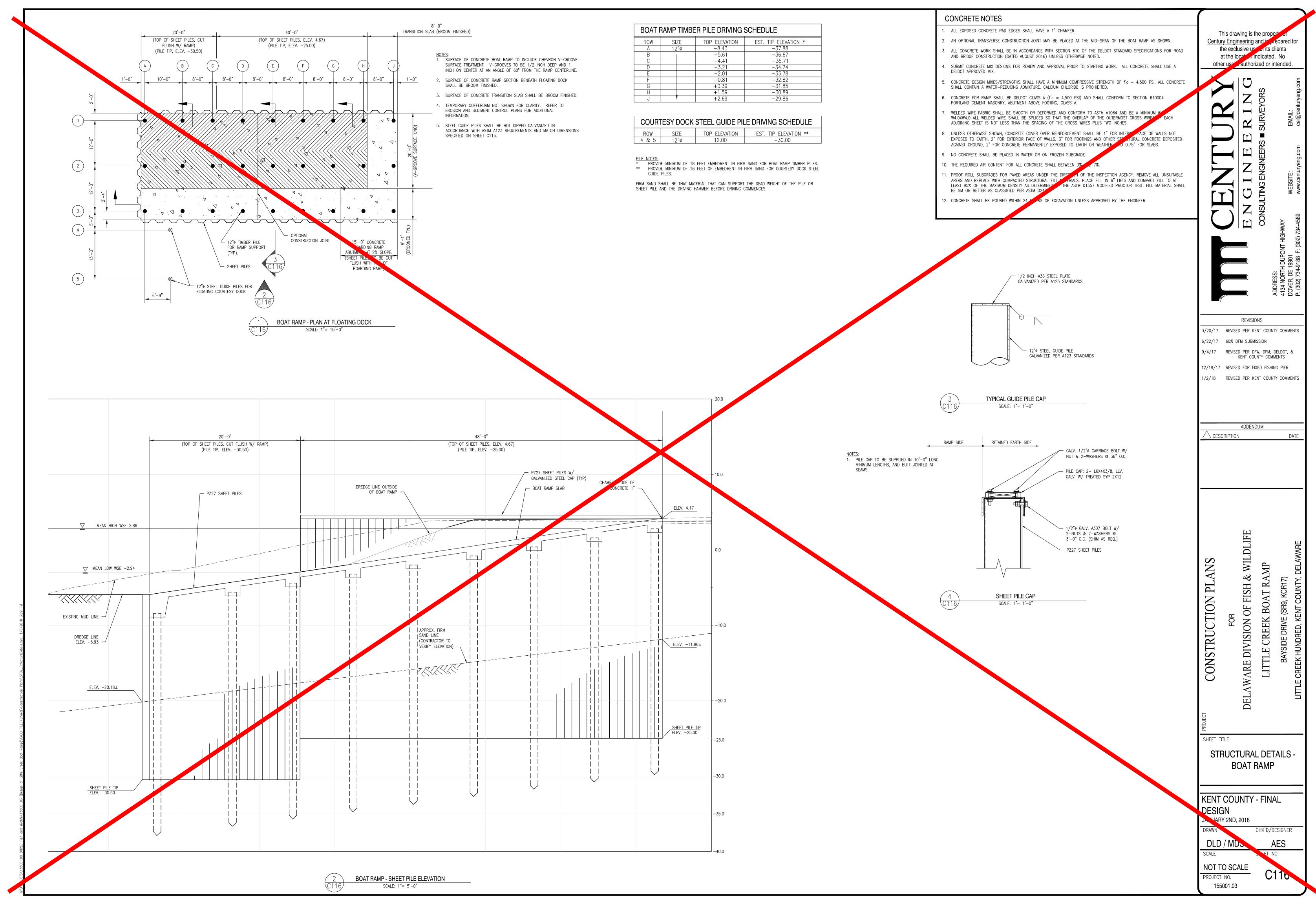
1.	LOADS:	

1.1. LIVE LOAD - GANGWAYS AND BOARDWALKS: 40 POUNDS PER SQUARE FOOT WITH A MAXIMUM

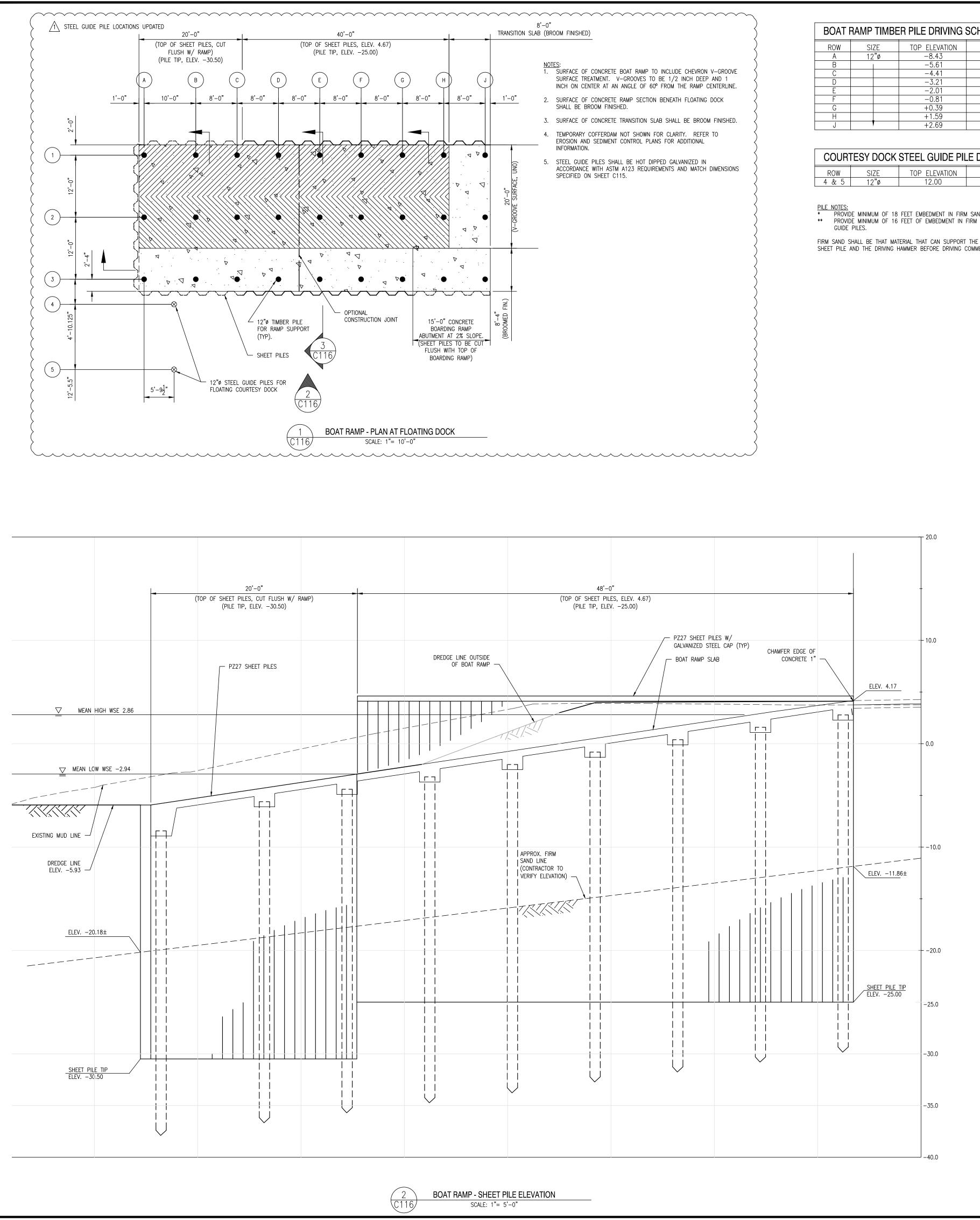
2.1.2. ALL WELDED FABRICATION IN ACCORDANCE WITH AWS D1.2, UNLESS NOTED OTHERWISE. FILLER METAL TO BE 5356 SERIES WIRE.

- 2.2.1. ALL FABRICATED STEEL (EXCLUDING STEEL SHEET PILES) SHALL BE ASTM A36, AASHTO M183. STEEL SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A153, 2.2.2. GALVANIZED COATINGS THAT ARE DAMAGED DURING CONSTRUCTION SHALL BE CLEANED AND REPAIRED USING A ZINC RICH COLD GALVANIZING PAINT AS APPROVED BY THE OWNER. STEEL SHEET PILES SHALL BE WEATHERING STEEL COATED IN COAL TAR EPOXY AS PER TECHNICAL
- 2.3.1. ALL REINFORCING STEEL SHALL BE AASHTO M31, (ASTM A615), GRADE 60. 2.3.2. ALL REINFORCING STEEL SHALL BE EPOXY COATED IN ACCORDANCE WITH AASHTO M284.
- 2.4.1. PILES SHALL BE CLASS B SOUTHERN YELLOW PINE IN ACCORDANCE WITH ASTM D25. 2.4.2. DIMENSION LUMBER SHALL BE SOUTHERN YELLOW PINE, NO. 2 OR BETTER.
- 2.4.3. ALL PILES AND DIMENSION LUMBER SHALL BE TREATED WITH CHROMATED COPPER ARSENATE (CCA) WITH A MINIMUM RETENTION OF 2.5 POUNDS PER CUBIC FOOT.
- 3.1. ALL BOLTS AND NAILS SHALL BE HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A153, AASHTO M232 OR STAINLESS STEEL IN ACCORDANCE WITH ASTM A316, AS SHOWN ON THE PLANS.
- 3.2. BOLTED CONNECTIONS THAT ARE EXPOSED TO PEDESTRIANS ON THE BRIDGE SHALL BE POSITIONED SUCH THAT THE BOLT HEADS FACE THE DECK AND NUTS FACE AWAY FROM THE THE PUBLIC.
- 4.1. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH SECTION 610 OF THE DELDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (DATED AUGUST 2016) UNLESS OTHERWISE
- 4.2. SUBMIT CONCRETE MIX DESIGNS FOR REVIEW AND APPROVAL PRIOR TO STARTING WORK. ALL
- 4.3. CONCRETE FOR ABUTMENT FOOTING SHALL BE DELDOT CLASS A (f'c = 4,500 PSI) AND SHALL CONFORM TO SECTION 610001 - PORTLAND CEMENT MASONRY, ABUTMENT FOOTING, CLASS A.
- 4.4. CONCRETE FOR ABUTMENT STEM, AND RAMPS SHALL BE DELDOT CLASS A (f'c = 4,500 PSI) AND SHALL CONFORM TO SECTION 610004 - PORTLAND CEMENT MASONRY, ABUTMENT ABOVE FOOTING,
- 4.5. MINIMUM CONCRETE COVER FOR REBAR SHALL BE: 3" MINIMUM FOR SURFACES CAST AGAINST EARTH, AND 2" FOR ALL OTHER FIELD-FORMED SURFACES.
- 4.6. CHAMFER ALL EXPOSED EDGES 1" UNLESS OTHERWISE NOTED.
- 5. CONTRACTOR SHALL PROVIDE DEWATERING SYSTEM AS NECESSARY FOR CONSTRUCTION OF BOAT RAMP AND GANGWAYS. CONTRACTOR SHALL OBTAIN ANY NECESSARY DEWATERING PERMITS. DEWATERING SYSTEM SHALL BE INCIDENTAL TO THE CONTRACT.

Centur ti	ry Engir ne exclu at the lo	neering usive us ocation i	he prope and is pr e of its cl ndicated. ized or ir	epared lients No	
		ERING	SURVEYORS	EMALL . EMAL	enturyeng.com
		IGINEE	NSULTING ENGINEERS	W/EDOITE.	weboli E. www.centuryeng.com
			8	4134 NORTH DUPONT HIGHWAY	P: (302) 734-9188 F: (302) 734-4589
3/20/17 6/22/17 9/4/17 12/18/17 1/2/18	60% d Revise Revise	FM SUBM D PER DI KENT COU D FOR FI	ENT COUNT	deldot, Ments Ig Pier	&
		ADDEN	DUM		
	DRAWIN			02/01	DATE /2018
CONSTRUCTION PLANS	FOR	DELAWARE DIVISION OF FISH & WILDLIFE	LITTLE CREEK BOAT RAMP	BAYSIDE DRIVE (SR9, KCR17)	LITTLE CREEK HUNDRED, KENT COUNTY, DELAWARE
SHEET TI SHEET TI	RUCT		L DET WAY	AILS	-
KENT DESIC JANUAR	λN		- FINA		2
SCALE NOT T			SHEET N		
PROJECT	NO. 001.03	_		115	



ROW	SIZE	TOP ELEVATION	EST. TIP ELEVATION *		
А	12"ø	-8.43	-37.88		
В		-5.61	-36.67		
С		-4.41	-35.71		
D		-3.21	-34.74		
E		-2.01	-33.78		
F		-0.81	-32.82		
G		+0.39	-31.85		
Н		+1.59	-30.89		
J		+2.69	-29.86		



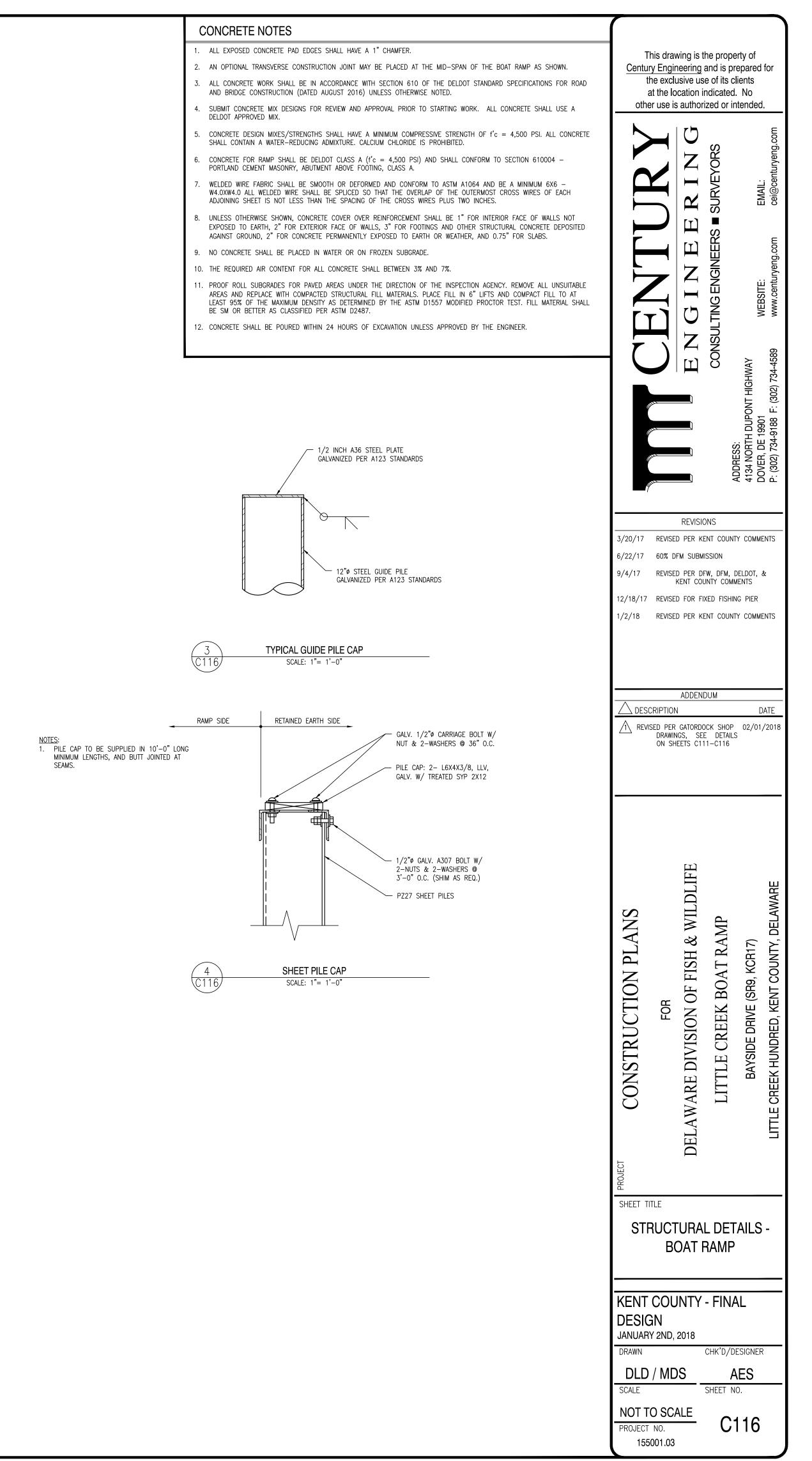
BOAT BAMP TIMBER PILE DRIVING SCHEDULE

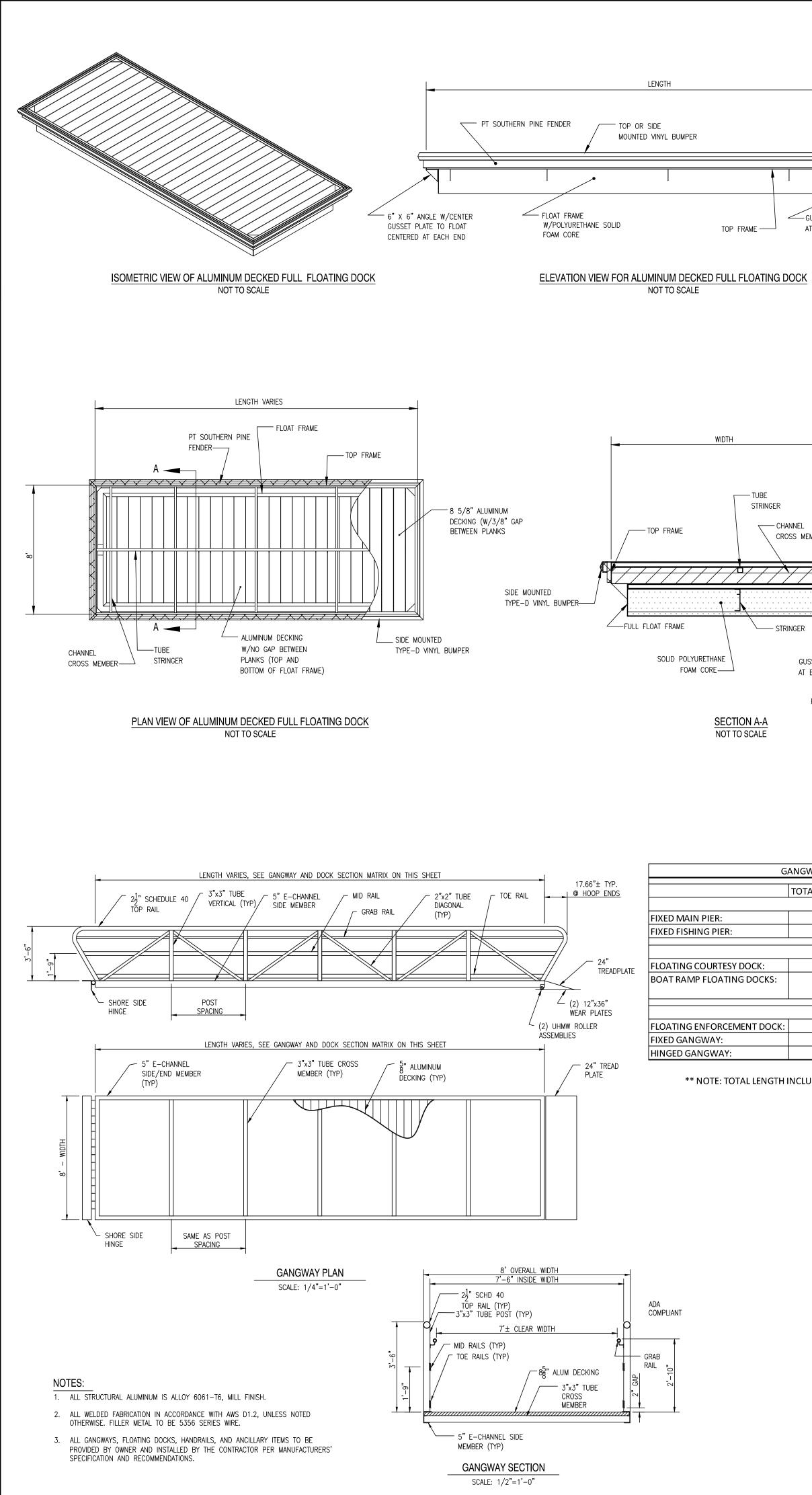
ROW	SIZE	TOP ELEVATION	EST. TIP ELEVATION *	
А	12 " ø	-8.43	-37.88	
В		-5.61	-36.67	
С		-4.41	-35.71	
D		-3.21	-34.74	
E		-2.01	-33.78	
F		-0.81	-32.82	
G		+0.39	-31.85	
Н		+1.59	-30.89	
J		+2.69	-29.86	

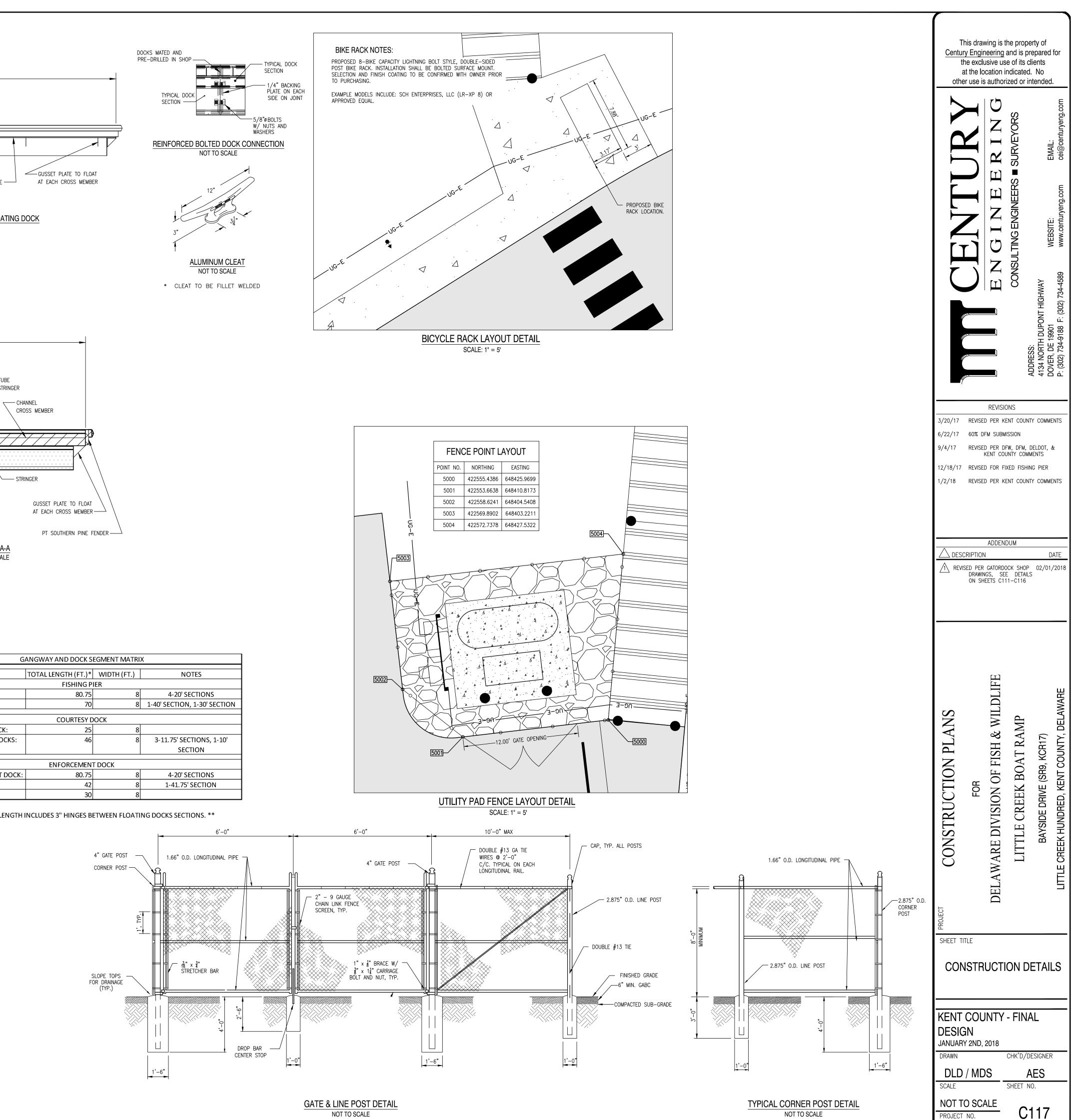
COURTESY DOCK STEEL GUIDE PILE DRIVING SCHEDULE SIZE TOP ELEVATION EST. TIP ELEVATION ** -30.00

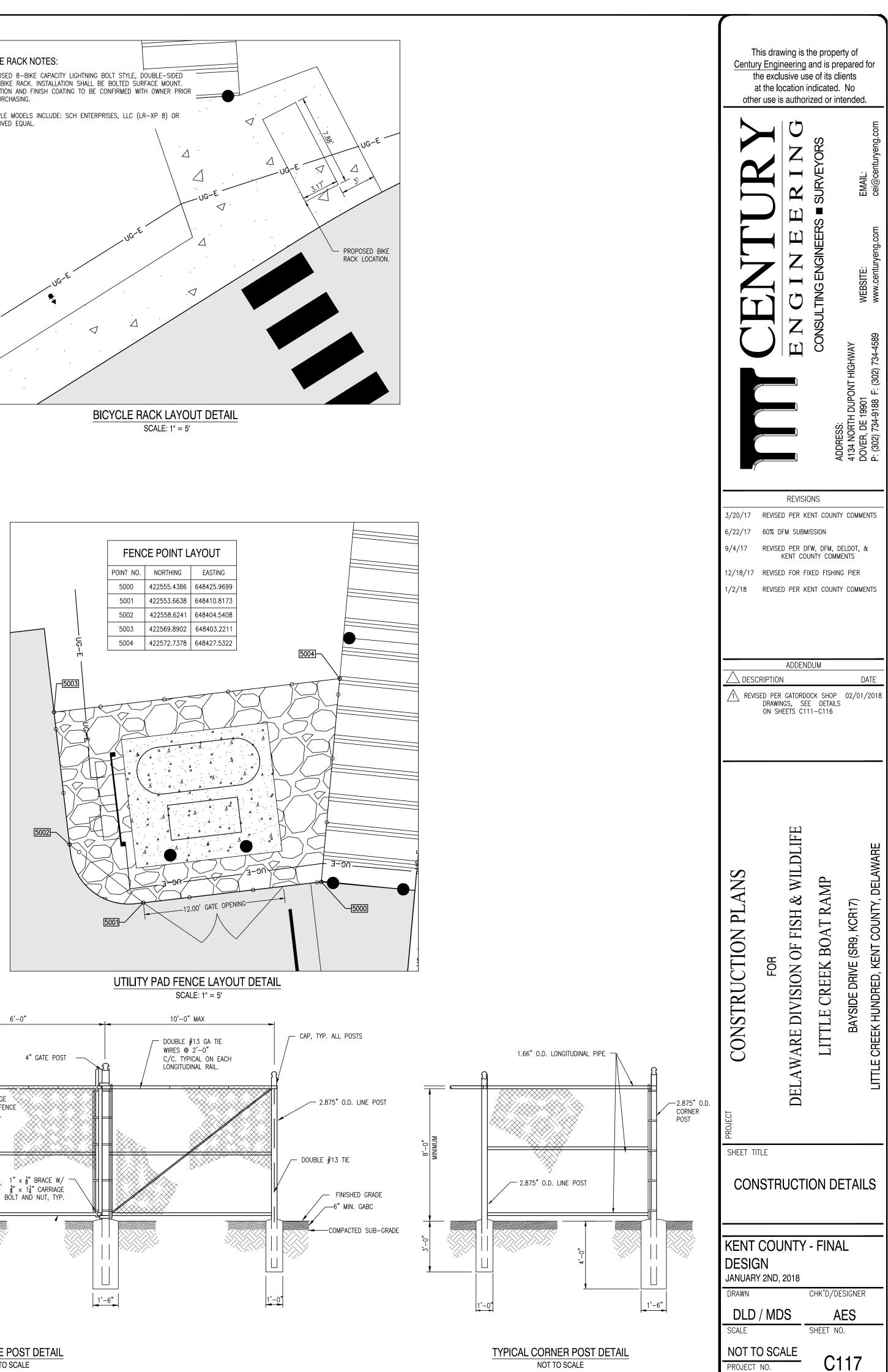
PILE NOTES: * PROVIDE MINIMUM OF 18 FEET EMBEDMENT IN FIRM SAND FOR BOAT RAMP TIMBER PILES. ** PROVIDE MINIMUM OF 16 FEET OF EMBEDMENT IN FIRM SAND FOR COURTESY DOCK STEEL

FIRM SAND SHALL BE THAT MATERIAL THAT CAN SUPPORT THE DEAD WEIGHT OF THE PILE OR SHEET PILE AND THE DRIVING HAMMER BEFORE DRIVING COMMENCES.



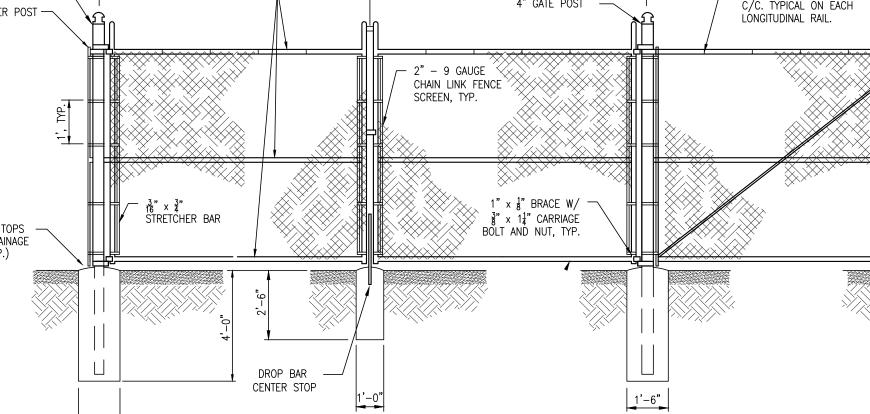






155001.03

	EGMENTMATRIX	^	-	
TOTAL LENGTH (FT.)*	WIDTH (FT.)	NOTES	1	
			1	50
80.75	8	4-20' SECTIONS	1	
70	8	1-40' SECTION, 1-30' SECTION]	
			-	
	1		-	
		2 11 75' SECTIONS 1 10'	-	
40	8			
		SECTION	-	
ENFORCEMEN ⁻	Г ДОСК			
80.75	8	4-20' SECTIONS		
42	8	1-41.75' SECTION		
30	8			_
INCLUDES 3" HINGES BI	ETWEEN FLOATI	NG DOCKS SECTIONS. **	6'-0"	
		1.66" O.D. LONGITUDINAL PIPE	4	1" GAT
	FISHING P 80.75 70 COURTESY D 25 46 ENFORCEMEN 80.75 42 30 INCLUDES 3" HINGES BI	70 8 COURTESY DOCK 25 8 46 8 ENFORCEMENT DOCK ENFORCEMENT DOCK 80.75 8 42 8 30 8	FISHING PIER 80.75 8 4-20' SECTIONS 70 8 1-40' SECTION, 1-30' SECTION COURTESY DOCK 25 8 46 8 3-11.75' SECTIONS, 1-10' SECTION ENFORCEMENT DOCK ENFORCEMENT DOCK 80.75 8 4-20' SECTIONS 42 8 1-41.75' SECTION 30 8 1 INCLUDES 3" HINGES BETWEEN FLOATING DOCKS SECTIONS. ** 6'-0" 1.66" O.D. LONGITUDINAL PIPE	FISHING PIER 80.75 8 4-20' SECTIONS 70 8 1-40' SECTION 25 8 46 8 3-11.75' SECTIONS, 1-10' SECTION SECTION 46 8 3-11.75' SECTIONS, 1-10' SECTION SECTION 46 8 3-11.75' SECTIONS, 1-10' SECTION SECTION 46 8 3-11.75' SECTIONS 100 SECTION 1100 SECTIONS 1100 SECTION 1100 SECTIONS 1100 SECTIONS

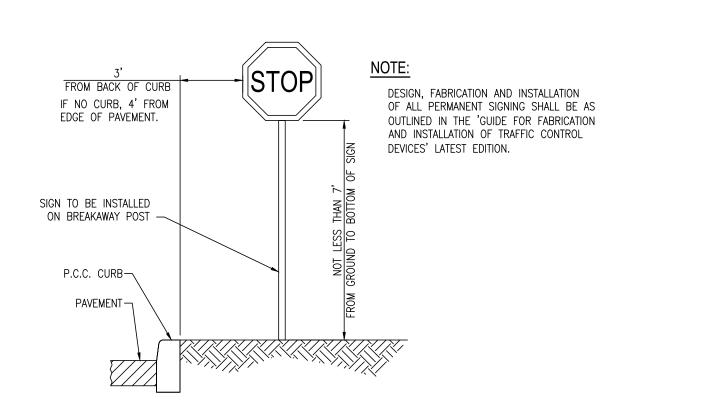


SQUARE POST SHALL NOT BE LESS THAN 2" X 2" WITH A WALL THICKNESS OF 0.1092".

2" SQUARE TUBING 🔍

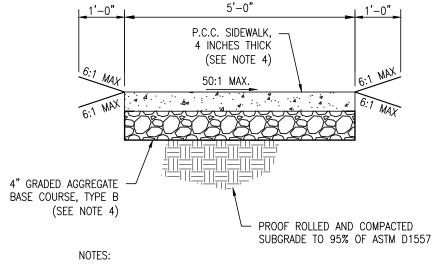
2 ½" SQUARE TUBING 🖳

2 \rlap{k} " square tubing $_$



TYPICAL STOP SIGN DETAIL NOT TO SCALE



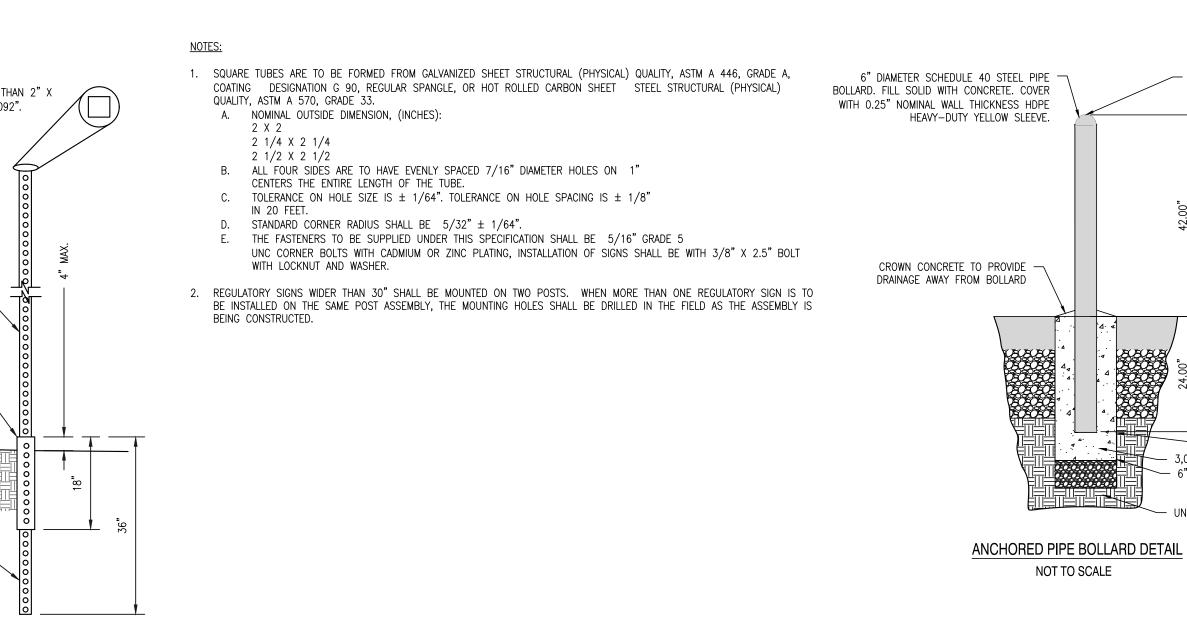


1. MARK IN 5' SQUARES, USE CORK EXPANSION JOINTS AT INTERVALS NOT GREATER THAN 15'.

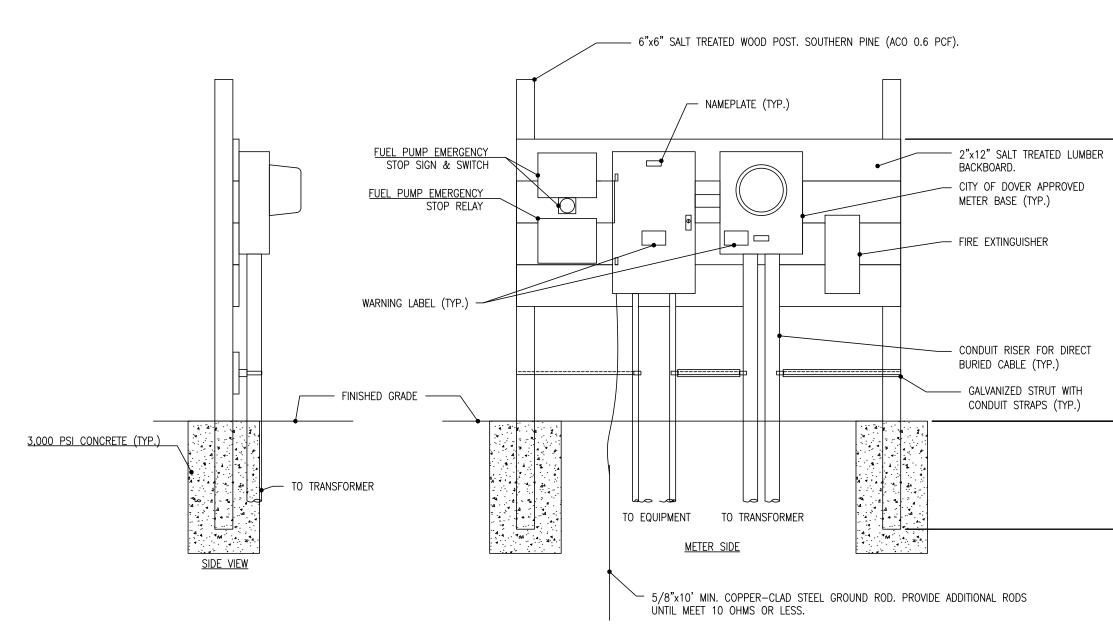
2. CONCRETE SIDEWALKS SHALL BE CONSTRUCTED AS PER DELDOT SPECIFICATIONS.

3. CROSS SLOPE OF SIDEWALK SHALL BE 1% MIN., 2% MAX. LONGITUDINAL SLOPE AS SHOWN ON PLANS.

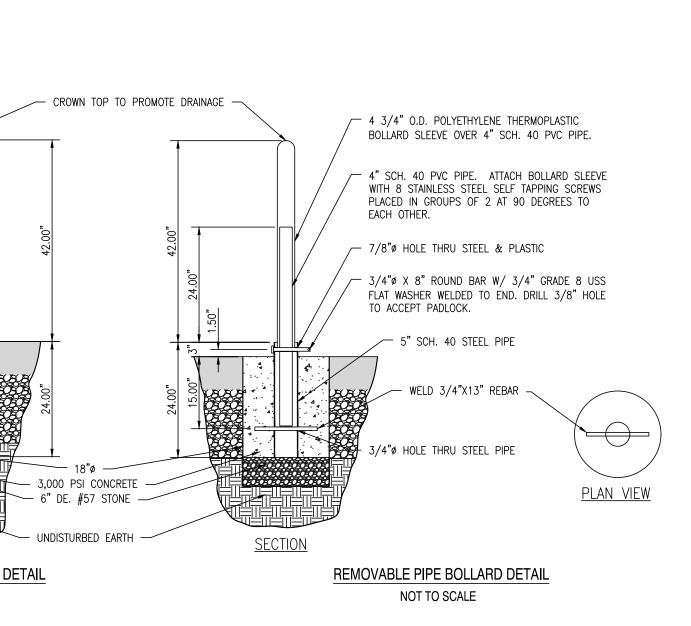
> TYPICAL SIDEWALK DETAIL NOT TO SCALE



TELESCOPING STEEL SIGN POST BREAK AWAY ASSEMBLY NOT TO SCALE



UTILITY PANEL SCALE: 1" = 2'



REMOVABLE BOLLARD NOTES:

1. ALL STEEL SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION.



K		author	zed or ir	liendec	.
	NNI	NGINEERING	S SURVEYORS	E MAII -	
	LUN I	NGINE	CONSULTING ENGINEERS SURVEYORS	WEDSITE.	-
		E L	CON!	4134 NORTH DUPONT HIGHWAY	P: (302) 734-9188 F: (302) 734-4589
3/20/17 6/22/17 9/4/17 12/18/17 1/2/18	60% di Revisei I Revisei	FM SUBMI D PER DF KENT COU D FOR FIX	ENT COUNT ISSION TW, DFM, I INTY COMN	deldot, Ments Ng Pier	&
	CRIPTION SED PER DRAWIN ON SH	GATORDC	DUM DCK SHOP E DETAILS 1-C116	02/01	DATE /2018
NS		I & WILDLIFE	AMP	(2	Y, DELAWARE
PROJECT CONSTRUCTION PLANS	FOR	DELAWARE DIVISION OF FISH & WILDLIFE	LITTLE CREEK BOAT RAMP	BAYSIDE DRIVE (SR9, KCR17)	LITTLE CREEK HUNDRED, KENT COUNTY, DELAWARE
PROJECT SHEET TI	TLE		Z LITTLE CREEK BOAT R		
SHEET TI CON KENT DESIG JANUAR	TLE ISTR COU		ОN D - FINA	ETAI	LS

This drawing is the property of Century Engineering and is prepared for the exclusive use of its clients

PROJECT NOTES

- 1. TOTAL LOD AREA = $1.87 \text{ ACRES} (81,457 \pm \text{ S.F.})$
- 2. TOTAL WETLAND AREA WITHIN LOD = $0.70 \text{ ACRES} (30,492 \pm \text{ S.F.}) \text{FEDERAL WETLANDS}$ = 0.30 ACRES $(13,068 \pm S.F.)$ – STATE WETLANDS
- 3. THE ENTIRE LOD IS LOCATED WITHIN THE 100-YR FLOODPLAIN PER FEMA MAP NO 10001C0187J, DATED JULY 7, 2014.
- 4. EXCAVATION VOLUMES: SPOIL: 2,385 CY / BORROW: 106 CY ALL SPOIL MATERIAL TO BE HAULED OFFSITE.
- 5. GEOTEXTILE FOR THE STABILIZED CONSTRUCTION ENTRANCE AND TEMPORARY RIPRAP OUTLET PROTECTION SHALL MEET DNREC TYPE GS-1 SPECIFICATIONS. EXAMPLE PRODUCTS INCLUDE: MIRAFI 600X, AMOCO 2006, AND GEOTEX 315ST
- 6. SPRINKLING SHALL BE THE STABILIZATION MEASURE INITIATED IF DUST CONTROL BECOMES A PROBLEM.
- 7. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN AND REPAIR ALL EROSION AND SEDIMENT CONTROL PRACTICES DURING CONSTRUCTION.
- 8. LOCATIONS OF DUMPSTER AND CONCRETE WASHOUT AREAS ARE SHOWN ON PLANS. IF THESE LOCATIONS MUST BE MOVED, THE NEW LOCATION SHALL BE APPROVED BY THE AGENCY CONSTRUCTION SITE REVIEWER.
- 9. STOCKPILE AREAS SHOWN FOR BIDDING/INFORMATIONAL PURPOSES ONLY. STOCKPILE LOCATIONS MAY BE ADJUSTED AS REQUIRED. CONTRACTOR SHALL COORDINATE ALL STOCKPILE LOCATIONS WITH THE OWNER TO AVOID EXISTING TREES AND OTHER ITEMS TO REMAIN. NO STOCKPILING SHALL OCCUR WITHIN WETLAND AREAS.
- 10. MAXIMUM STOCKPILE HEIGHT SHALL BE 6.0' WITH A MAXIMUM SIDE SLOPE OF 3:1.
- 11. THIS PLAN SHOWS SHEET PILES AS A METHOD OF PROVIDING TEMPORARY SHORING AND STREAM DIVERSION. THE CONTRACTOR HAS THE OPTION TO SUBMIT FOR APPROVAL AN ALTERNATE METHOD OF TEMPORARY SHORING AS REQUIRED FOR THE CONSTRUCTION OF THE BOAT RAMP.

SEQUENCE OF CONSTRUCTION

- NOTIFY THE DNREC SEDIMENT AND STORMWATER PROGRAM IN WRITING AT LEAST FIVE (5) DAYS PRIOR TO THE START OF CONSTRUCTION. FAILURE TO DO SO CONSTITUTES A VIOLATION OF THE APPROVED SEDIMENT AND STORMWATER MANAGEMENT PLAN.
- PRIOR TO ANY CLEARING, INSTALLATION OF SEDIMENT CONTROL MEASURES OR GRADING, A PRECONSTRUCTION MEETING MUST BE SCHEDULED AND CONDUCTED WITH THE AGENCY CONSTRUCTION SITE REVIEWER. THE LANDOWNER/DEVELOPER, CONTRACTOR, AND CERTIFIED CONSTRUCTION REVIEWER ARE REQUIRED TO BE IN ATTENDANCE AT THE PRE-CONSTRUCTION MEETING; THE DESIGNER IS RECOMMENDED TO ATTEND.
- CLEAR AND GRUB AS REQUIRED TO INSTALL STABILIZED CONSTRUCTION ENTRANCE. INSTALL STABILIZED CONSTRUCTION ENTRANCE. CLEAR AND GRUB AS REQUIRED TO INSTALL REINFORCED SILT FENCE. INSTALL REINFORCED SILT FENCE. COMPOST FILTER LOGS SHALL BE PLACED IN-LIEU OF REINFORCED SILT FENCE AT TIMBER MATTING TEMPORARY ACCESS AREAS DURING IN-STREAM CONSTRUCTION. PLACE TEMPORARY TIMBER MATTING, AND INSTALL TURBIDITY CURTAIN. THE TURBIDITY CURTAIN SHALL BE ANCHORED AT BOTH ENDS ALONG THE SHORELINE. ALL PERIMETER CONTROLS ARE TO BE REVIEWED BY THE AGENCY CONSTRUCTION SITE REVIEWER AND APPROVED PRIOR TO PROCEEDING WITH FURTHER SITE DISTURBANCE OR CONSTRUCTION.
- 4. THE CONTRACTOR SHALL AT ALL TIMES PROTECT AGAINST SEDIMENT OR DEBRIS LADEN RUNOFF OR WIND FROM LEAVING THE SITE. PERIMETER CONTROLS SHOULD BE CHECKED DAILY AND ADJUSTED AND/OR REPAIRED TO FULLY CONTAIN AND CONTROL SEDIMENTATION ON THE SITE. ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT HAS REACHED HALF OF THE EFFECTIVE CAPACITY OF THE CONTROL. IN ADDITION, THE CONTRACTOR MAY NEED TO ADJUST OR REPAIR MEASURES IN TIMES OF ADVERSE WEATHER CONDITIONS, OR AS DIRECTED BY THE AGENCY CONSTRUCTION SITE REVIEWER.

BENCHMARK

N: 422680.8190

E: 647948.8820

FIZ

EXIST. MH

ELEV. 5.47

43" W

- 5. CLEAR AREAS WITHIN LOD.
- INSTALL COFFERDAM SURROUNDING BOAT RAMP. INSTALL SUMP PIT, PORTABLE SEDIMENT TANK, AND TEMPORARY RIPRAP OUTFALL FOR DEWATERING OPERATION AT THE BOAT RAMP. PERFORM GRADING AT PROPOSED DOCKS AND BOAT RAMPS. INSTALL ALL PILINGS, INCLUDING PERMANENT SHEET PILES AT THE BOAT RAMP.
- PERFORM ROUGH GRADING.
- INSTALL UNDERGROUND ELECTRIC, WELL, AND WATERLINES.
- PLACE STONE FOUNDATION FOR ALL AREAS TO PAVED.
- 10. PLACE CONCRETE FOR BOAT RAMP, CURBS, SIDEWALKS, FUEL TANK PAD, BUILDING PAD, POLE BASES AND GANGWAY FOOTINGS. PLACE DOCKS, GANGWAYS, AND ALL ASSOCIATED COMPONENTS. PLACE PLAN
- UPON COMPLETION OF IN-STREAM CONSTRUCTION, REINFORCED SILT FENCE SHALL BE PLACED ACROSS THE TIMBER MATTING 12. TEMPORARY ACCESS AREAS AND THE COMPOST FILTER LOGS SHALL BE REMOVED. REMOVE SUMP PIT & PORTABLE SEDIMENT TANK. REMOVE TEMPORARY SHEET PILES. EXTEND REINFORCED SILT FENCE TO MEET PERMANENT SHEET PILES AT THE BOAT RAMP.
- 13. PAVE ALL AREAS TO BE PAVED INCLUDING ENTRANCE, PARKING AREAS, AND DRIVE AISLES.
- PERFORM FINAL SITE GRADING. SEED AND STABILIZE ALL REMAINING DISTURBED AREAS. WETLAND SEED MIX SHALL BE PLACED FOR 14 ALL AREAS ABOVE MEAN HIGH WATER LINE. INSTALL GUARDRAIL, SITE LIGHTING, AND PLACE FUEL TANK. 15.
- EROSION AND SEDIMENT CONTROL DEVICES SHALL BE REMOVED ONLY AFTER WORK IN AN AREA HAS BEEN COMPLETED AND STABILIZED, WITH WRITTEN APPROVAL FROM THE AGENCY CONSTRUCTION SITE REVIEWER.
- 17. THE TERMINATION OF THE CONSTRUCTION GENERAL PERMIT WILL REQUIRE SUBMISSION AND ACCEPTANCE OF THE POST CONSTRUCTION VERIFICATION DOCUMENTS, INCLUDING FINAL STABILIZATION THROUGHOUT THE SITE, AND ALL ELEMENTS OF THE SEDIMENT AND STORMWATER MANAGEMENT PLAN IMPLEMENTED.

LEGEND:	
LIMITS OF DISTURBANCE (LOD)	LOD LOD
REINFORCED SILT FENCE	
STABILIZED CONSTRUCTION ENTRANCE	
CONCRETE WASHOUT	CW
SOIL STOCKPILE AREA	SP SP
TURBIDITY CURTAIN	<u></u>
PORTABLE SEDIMENT TANK	ST
PUMPING PIT - TYPE 2	(PP-2)
RIPRAP OUTLET PROTECTION – TYPE 1	(ROP-1)

