<image/>								
<complex-block></complex-block>				Can by	J L			
<complex-block></complex-block>		- State				₽ ₹}		
<image/>			Crandy Crandy	Dowdys Bay				
<image/>				LOCATE CARA ±2940 M WITH C	SITE D ON THE WEST SIDE OF TOKE HIGHWAY (US 158) JORTH OF INTERSECTION JARRENTON RD (SR 1127)			-
<image/>						RITUCK DUND	G	]
<section-header></section-header>				Jarvisburg o	A Car and a contraction of the c			
		NORTH RIVER						
Stourner         Stourner           COUNTY OWNER         County of the coun								
NOTIFICATIONAL         SCALE (* 1 = 5000)         CENERAL DEVELOPMENT NOTES:         1. PROJECT VAME         PLOTENTIAL DEVELOPMENT NOTES:         PLOTENTIAL DEVELOPMENT NOTES	SOUT							
CENERAL DEVELOPMENT NOTES:         1.       PROJECT NAME:       PINAACE STORACE CRAIDY         2.       OWNER:       HARRELL ROBERT F. & DELORS U SUPPRESS 0.         3.       PROJECT NAME:       PINAACE STORACE OF GRAPH, ILD D24. CREINEL E. AFE D24. CREINEL E. AFE D25. CREINEL E. AFE D25. CREINEL E. AFE D25. CREINEL E. AFE D25. CREINEL AT PLAN. A LAW, MAP PAREL ST20092100K, OD ST0076 PAREL EFFECTIVE DATE D25. CREINER AT. A LAW, MAP PAREL ST20092100K, OD ST0076 PAREL EFFECTIVE DATE D25. CREINER AT. A LAW, MAP PAREL ST20092100K, OD ST0076 PAREL EFFECTIVE DATE D25. CREINER AT. A LAW, MAP PAREL ST20092100K, OD ST0076 PAREL EFFECTIVE DATE D25. CREINER AT. A LAW, MAP PAREL ST20092100K, OD ST0076 PAREL EFFECTIVE DATE D25. CREINER AT. A LAW, MAP PAREL ST20092100K, OD ST0076 PAREL EFFECTIVE DATE D25. CREINER ATA: A LAW, MAP PAREL ST20092100K, OD ST0076 PAREL EFFECTIVE DATE D25. CREINER ATA: A LAW, MAP PAREL ST20092100K, OD ST0076 PAREL EFFECTIVE DATE D25. CREINER ATA: A LAW, MAP PAREL ST2009210K, OD ST0076 PAREL EFFECTIVE DATE D25. CREINER ATA: A LAW, MAP PAREL ST2009210K, OD ST0076 PAREL EFFECTIVE DATE D25. CREINER ATA: A LAW, MAP PAREL ST2009210K, OD ST0076 PAREL EFFECTIVE DATE T25. CREINER ATA: A LAW, MAP PAREL ST200926 PAREL EFFECTIVE DATE T26. LEVENDES DEFT ST0076 DEFT CREINERSON LEVENDES T27. LEVENDES D27. DEFT ST00776 DEFT ST00776 DEFT	NOR <sup>®</sup> SCA	TH CAROLINA LE: 1" = 5000'				~h	,	
1. PROJECT NAME 2. OWERE 3. PROJECT NAME 4. PROJECT NAME 5. PROJECT NAME 5. PROJECT NAME D & TERRY 0 5. PROJECT NAME NEEDED 5. PROJECT N	<u>gene</u>	RAL DEVELOPMEN	IT NOTES:					
PROPERTY DATA     PROVENTY DATA     PROPERTY DATA     PROPERTY DATA     PARENCE DIS PROJECT OF GRANDY, LLC     SERVICE     PROPERTY DATA     PARENCE DIS PROJECT OF GRANDY, LLC     SERVICE     PARENCE DISPERDED DISPERDED DISPERDED     PROPERTY DATA     PARENCE DISPERDED DISPERDED     PROPERTY DATA     PARENCE DISPERDED DISPERDED     PROPERTY DATA     PARENCE DISPERDED     PROPERTY DATA     PARENCE DISPERDED     PROPERTY DATA     PARENCE DISPERDED     PROPERTY DATA     PRO	1. F 2. (	PROJECT NAME: DWNER:	PINNACLE STORAGE G	RANDY & DELORIS U				
WANNEL DA INC 2020     PROPORTY PATE     PARCEL DD 1008-000-028-0000     PRIMARY ADDRESS GER 266 AGATOGE (HW), GRANDY, NC 27930     RECORDED REFERENCES: DB 844, PC 279, PC, R SL 95;     RECORDED REFERENCES: DB 844, PC 279, PC, R SL 95;     PROPORE VIEW PARA, ULL SKNOE     ZONG ADDRESS DB 200, DD	,	APPLICANT:	SUTER, FRED D & TEF PO BOX 758 NAGS HEAD, NC 2795 PINNACLE STORAGE O 324 CREENVILLE AVE	9 F GRANDY, LLC				
PROMAY JUDIESS 1828 CLARATOR: PROPERTY CONNECTION OF 229.9 P.C. R, SL. 96: PROPERTY ZONG, LIGHT MULSTRAL (L) LAND USE PLAN: FULL SERVICE  F. FLAN, DATA: TORK A F.E.M. A FLR.M. KAP PANEL 3720992100K, OD 370078 PANEL EFFECTIVE DATE DECOMPTONE CLARATOR OF TO CHANKE BY TEAM OF THE CORRENT CONTY UNITED DEVIDENCEMENT OF THE FOLLOWING: F. FLAND DEVINY UNITED DEVIDENCEMENT OF THE FOLLOWING: F. FLAND DEVINE OF THE STRUCK CONTY, SEE SEPARATE CALCULATIONS FOR DED BUA) F. PROPOSED USE: SELF STORAGE L. DOT CONTROL FOR DEVIDENCE ON UNITS F. FROMOSED USE: SELF STORAGE L. DOT CONTROL FOR DEVIDENCE OF THE STRUCK CONTY AND THE FORDER DEVIDENCE OF TOTAL TO THE AC.) F. FROMOSED PARKING: F. FLAND DEVIDENCE OF TO THE STRUCK ON THY SEE SEPARATE CALCULATIONS FOR DED BUA) F. PROPOSED USE: SELF STORAGE L. DOT CONTROL TO THE AC.) F. FROMOSED PARKING: F. FLAND DEVIDENCE OF THE STRUCK ON THE ST	3. F	PROPERTY DATA:	WILMINGTON, NC 2840	3				
<ul> <li>FLRML DATA: ZORE X – FEMA, FLRAL MAP PAREL 3720992100K, DD 373078 PAREL EFFECTIVE DATE DECEMBER 21, 2018. (SUBJECT TO CHANGE BY FEMA) OF THE CURRITORY COUNTY UNFED DEVELOPMENT ORDINANCE.     </li> <li>EXISTING STE CONDITION INFORMATION BASED ON A COMENATION OF THE FOLLOWING: "FELD SURVEY PERFORMED BY DISSELL PROFESSIONAL GROUP "LECATIONS ARE DETAINED AND 1999 VERTICAL DATUM.     </li> <li>PROPOSED US: SLF STORAGE         TOO STELL PROFESSIONAL GROUP "LECATIONS ARE DETAINED AND 1999 VERTICAL DATUM.     </li> <li>PROPOSED US: SLF STORAGE         TOO STELL PROFESSIONAL GROUP "LECATIONS ARE DETAINED AND 1999 VERTICAL DATUM.     </li> <li>PROPOSED US: SLF STORAGE         TOO STELL STORAGE         "LOCOPY TO TAKE: BULDING: 158,253 5F PORCHARCE TO STORAGE: "LOCOPY TO TAKE: BULDING: 108,253 5F PORCHEST EDEWARK: () SPACE PER EVERY 100 UNITS         "REQUIRED PARKING: () SPACE PER EVERY 100 UNITS         "REVER SERVICE IS TO BE PROVIDED BY CURRITUCK COUNTY MAINLAND WATER SYSTEM.         "WASTEWATER IS TO BE PROVIDED BY CURRITUCK COUNTY MAINLAND WATER SYSTEM.         "WASTEWARER REGIONAL HEAT TH SERVICES.         "SE UTILITIES SALL COMPLY WITH COUNTY STANDARDS AS PRESCRIBED UNDER SECONDARY REFERENCE.         THERE ARE NO KNOWN JURISDICTIONAL WETLANDS ON THE PROPERTY.         "MAINTENANCE, COLECTIONAL WETLANDS ON THE PROPERTY.         SECONDARY REFERENCE.         THE RESULT OUNDER SALL COMPLY WITH COUNTY STANDARDS AS PRESCRIBED UNDER SECTION 5.12 OF THE         UDID. S.16 A 2023         MARKET DERVELOPMENT STANDARDS AS PRESCRIBED UNDER SECTION S.12 O</li></ul>		PARCEL ID# 0108 PRIMARY ADDRES RECORDED REFER PROPERTY ZONIN LAND USE PLAN:	S=000=052M=0000 S: 6828 CARATOKE HWY, ENCES: D.B. 864, PG. 27 G: LIGHT INDUSTRIAL (LI) FULL SERVICE	GRANDY, NC 27939 '9; P.C. R, SL. 96;				
S. EXISTING STE CONDITION INFORMATION BASED ON A COMBINATION OF THE FOLLOWING: ** FIGUE SURVEY FERSIONED & BISELIE PROFESSIONAL GROUP * ELEVATIONS ARE REFERENCED TO NAND 1988 VERTICAL DATUM.  PROPOSED USE: SELF STORAGE  I. LOT COMERAGE DATA. (FOR CURRITLICK COUNTY, SEE SEPARATE CALCULATIONS FOR DED BUA) * PARCEL AREA: 499,999 ST (1.48 Ac.) * PROPOSED INFEROND COMERACE: BULLING: 158,975 SF FARKING & DRWE: 170,803 SF CONCRETE SDEWALK: 672 SF CONCRETE SDEWALK: 672 SF CONCRETE SDEWALK: 672 SF TOTAL: 330,969 SF (56.12% COVERACE)  PARKING DATA: * REQUERD PARKING: (1) SPACE PER EVERY 100 UNITS * ROVIDED PARKING: (3) 107X20' 1 ST20 CALCESSIBLE TOTAL: (7) SPACE PER EVERY 100 UNITS * ROVIDED PARKING: (3) 107X20' UTUTES * WASTEWICE IS TO BE PROVIDED BY CURRITURE COUNTY MAINLAND WATER SYSTEM. * WASTEWICE DY ALEMANE OVERD. AND SERVICE STOLE PROVIDED BY CURRITURE COUNTY MAINLAND WATER SYSTEM. * WASTEWICE DY ALEMANE OVERD. AND SERVICE STOLE PROVEDED BY CURRITURE COUNTY MAINLAND WATER SYSTEM. * WASTEWICE DY ALEMANE OVERD. AND SERVICE STOLE PROVEDED BY CURRITURE COUNTY MAINLAND WATER SYSTEM. * WASTEWICE DY ALEMANE OVERD. AND SERVICE STOLE DY ALEMANE OVERD. * WASTEWICE DY ALEMANE OVERD. AND SERVICE STOLE DY ALEMANE OVERD. * WASTEWICE DY ALEMANE OVERD. * SEE SHEETS B-9 FOR DETAILS. * THE SERVICE IS TO BE PROVED BY CURRITURE COUNTY STANDARDS AS PRESERIED UNDER SECTION 5.5 OF THE UDO AND IN ACCORDANCE WITH THE APPROVED PLAN. * SEE SHEETS B-9 FOR DETAILS. * UDO. A SEPARATE SIGNAGE PLAN MAY BE REQUIRED FOR APPROVED PLAN. * SECTION S.5 OF THE UDO AND IN ACCORDANCE WITH THE APPROVED PLAN. * ALL PARKING, DIVENT STANDARDS AS PRESERIED UNDER SECTION S.5 OF THE UDO AND IN ACCORDANCE WITH THE APPROVED PLAN. * SECTION S.5 OF THE UDO AND IN ACCORDANCE WITH THE APPROVED PLAN. * ALL PARKING, DIVENTY STANDARDS AS PRESERIED UNDER SECTION S.5 OF THE UDO AND IN ACCORDANCE WITH THE APPROVED PLAN. * SOUNCE STALL COMPLY WITH COUNTY STANDARDS AS PRESERIED UNDER SECTION S.5 OF THE UDO AND IN ACCORDANCE WITH THE APPROVED PLAN. * SOUNCE STALL COMPLY WITH	4. F	F.I.R.M. DATA: ZONE X — F.E.M. DECEMBER 21, 20 USE OF LAND WI OF THE CURRITUO	A. F.I.R.M. MAP PANEL 37 018. (SUBJECT TO CHANG THIN A FLOODWAY OR FLO CK COUNTY UNIFIED DEVE	720992100K, CID 370078 F E BY FEMA) DODPLAIN IS SUBSTANTIALL LOPMENT ORDINANCE.	ANEL EFFECTIVE DA	TE HAPTER 7		
	5. E	EXISTING SITE CONDITI * FIELD SURVEY PE * ELEVATIONS ARE	ON INFORMATION BASED ( RFORMED BY BISSELL PR REFERENCED TO NAVD 19	ON A COMBINATION OF THE OFESSIONAL GROUP 988 VERTICAL DATUM.	FOLLOWING:			
PROPOSED IMPERVIOUS COVERAGE: BUILDING: 158,975 SF PARKING & DRIVE: 17.951 SF CONCRETE SIGEWALK: 672 SF CONCRETE SIGEWALK: 671 SF CONCRETE SIGEWALK: 672 SF CONCRETE SIGEWALK: 000 AND SF CONCRE	о. н 7. L	OT COVERAGE DATA: * PARCEL AREA:	(FOR CURRITUCK COUNT 499.999 SF	Y, SEE SEPARATE CALCULA (11.48 AC.)	TIONS FOR DEQ BUA	A)		
IOTAL     JOUGED SP (IOTZA COVERADE)      PARKING DATA:     REQUIRED PARKING:     (1) SPACE PER EVERY 100 UNITS     PROVIDED PARKING:     (1) SPACE PER EVERY 100 UNITS     PROVIDED PARKING:     (1) SPACE (1) SPACES (700 UNIT MAX)      UTULITES:     IOTAL:     (7) SPACES     (700 UNIT MAX)      UTULITES:     WATER SERVICE IS TO BE PROVIDED BY CURRITUCK COUNTY MAINLAND WATER SYSTEM.     WASTEWATER IS TO BE PROVIDED BY CURRITUCK COUNTY MAINLAND WATER SYSTEM.     WASTEWATER IS TO BE PROVIDED BY CURRITUCK COUNTY MAINLAND WATER SYSTEM.     WASTEWATER IS TO BE PROVIDED BY CURRITUCK COUNTY MAINLAND WATER SYSTEM.     WASTEWATER IS TO BE PROVIDED BY CURRITUCK COUNTY MAINLAND WATER SYSTEM.     WASTEWATER IS TO BE PROVIDED BY CURRITUCK COUNTY.     SES SHEETS SA P FOR DETAILS.      THERE ARE NO KNOWN JURISDICTIONAL WETLANDS ON THE PROPERTY.      REFUSE COLLECTION FACILITES SHALL COMPLY WITH COUNTY STANDARDS AS PRESCRIBED UNDER SECTION 5.12 OF THE UDO AND IN ACCORDANCE WITH IF APPROVED PLAN.      ALL SIGNAGE SHALL COMPLY WITH COUNTY STANDARDS AS PRESCRIBED UNDER SECTION 5.12 OF THE UDO. A SEPARATE SIGNAGE PLAN MAY BE REQUIRED FOR APPROVAL PRIOR TO INSTALLATION.      DEVELOPMENT SCHEDULE      DEVELOPMENT SCHEDULE      CONSTRUCTION OF BUILDINGS 1 & 4 2023     MARKET DRIVEN      ALL PARKING, DRIVE, DRAINAGE, UTULTY AND LANDSCAPING IMPROVEMENTS      MIL ER INSTALLED AT PHASE 1.      THE FOLLOWING PERMITS ARE REQUIRED PRIOR TO PROJECT CONSTRUCTION:      DATE     OWNER/AGENT      THE FOLLOWING PERMITS ARE REQUIRED PRIOR TO PROJECT CONSTRUCTION:      DATE     OWNER/AGENT     NUMBER		* PROPOSED IMPER BUILDING: PARKING & CONCRETE S	VIOUS COVERAGE: 158,975 SF DRIVE: 170,951 SF SIDEWALK: 672 SF					
PROVIDED PARKING:     (6) 10'X20'     (1) 8'X20' ACCESSIBLE     TOTAL:     (7) SPACES     (700 UNIT MAX)      UTILITIES:     WATER SERVICE IS TO BE PROVIDED BY CURRITUCK COUNTY MAINLAND WATER SYSTEM.     WATEWATER IS TO BE PROVIDED BY AUDON-STE TREATMENT AND DISPOSAL SYSTEM TO BE     APPROVED BY ALBEMARLE REGIONAL HEALTH SERVICES.     ALL UTILITES ARE TO BE INSTALLED UNDERGROUND.     SEE SHEETS 8-9 FOR DETAILS.     THERE ARE NO KNOWN JURISDICTIONAL WETLANDS ON THE PROPERTY.     THERE ARE NO KNOWN JURISDICTIONAL WETLANDS ON THE PROPERTY.     ALL UTILITES SHALL COMPLY WITH COUNTY STANDARDS AS PRESCRIBED UNDER     SECTION 5.5 OF THE UDO AND IN ACCORDANCE WITH THE APPROVED PLAN.     ALL SIGNAGE SHALL COMPLY WITH COUNTY STANDARDS AS PRESCRIBED UNDER     SECTION 5.5 OF THE UDO AND IN ACCORDANCE WITH THE APPROVED PLAN.     SECTION 5.12 OF THE UDO AND IN ACCORDANCE WITH THE APPROVED PLAN.     SECTION 5.12 OF THE UDO AND IN ACCORDANCE WITH THE APPROVED PLAN.     SECTION 5.12 OF THE UDO AND IN ACCORDANCE WITH THE APPROVED PLAN.     SECTION 5.12 OF THE UDO AND IN ACCORDANCE WITH THE APPROVED PLAN.     SECTION 5.12 OF THE UDO AND IN ACCORDANCE WITH THE APPROVED PLAN.     SECTION 5.12 OF THE UDO AND IN ACCORDANCE WITH THE APPROVED PLAN.     SECTION 5.12 OF THE UDO AND IN ACCORDANCE WITH THE APPROVED PLAN.     SECTION 5.12 OF THE UDO AND IN ACCORDANCE WITH THE APPROVED ON THIS AND ATTACHED PAGES IS TRUE AND CORD     OF W KNOWLEDGE.     ON THE PLAN ENTITLED, COMMERCIAL SITE DEVELOPMENT PLANCE OR MARKET DRIVEN     ALL MAINTENANCE, OR PERFORMANCE OF THE SECTION OF BUILDING 1 & 4 1 2023     CONSTRUCTION OF BUILDING 2 & 3 2023     MARKET DRIVEN     ALLED AT PHASE 1.     THE FOLLOWING PERMITS ARE REQUIRED PRIOR TO PROJECT CONSTRUCTION:     DEAL DRIVEN TO AND AND APPROVED BY OURNER/AGENT     THE FOLLOWING PERMITS ARE REQUIRED PRIOR TO PROJECT CONSTRUCTION:     DERMIT ATON AND EROSION CONTROL PERMIT     N.C.D.E.Q DIVISION OF LAND RESOURCES	8. F	PARKING DATA: * REQUIRED PARKIN	NG: (1) SPACE PER E	EVERY 100 UNITS				
9. UTILITES: WATER SERVICE IS TO BE PROVIDED BY CURRITLICK COUNTY MAINLAND WATER SYSTEM. WASTEWATER IS TO BE PROVIDED BY AN ON-SITE TREATMENT AND DISPOSAL SYSTEM TO BE APPROVED BY ALBEMARTE REGIONAL HEALTH SERVICES. ALL UTILITES ARE TO BE INSTALLED UNDERGROUND. * SEE SHEITS 8-9 FOR DETAILS. 10. THERE ARE NO KNOWN JURISDICTIONAL WETLANDS ON THE PROPERTY. 11. REFUSE COLLECTION FACILITIES SHALL COMPLY WITH COUNTY STANDARDS AS PRESCRIBED UNDER SECTION 5.5 OF THE UDO AND IN ACCORDANCE WITH THE APPROVED PLAN. 12. ALL SIGNAGE SHALL COMPLY WITH COUNTY STANDARDS AS PRESCRIBED UNDER SECTION 5.12 OF THE UDO. A SEPARATE SIGNAGE PLAN MAY BE REQUIRED FOR APPROVAL PRIOR TO INSTALLATION. STORMWATER CERTIFICATE I,		* PROVIDED PARKIN	NG: (6) 10'X20' <u>(1)</u> 8'X20' ACCE DTAL: (7) SPACES	ESSIBLE (700 UNIT MAX)				
10. THERE ARE NO KNOWN JURISDICTIONAL WETLANDS ON THE PROPERTY.         11. THERE ARE NO KNOWN JURISDICTIONAL WETLANDS ON THE PROPERTY.         11. SECURE COLLECTION FACILITES SHALL COMPLY WITH COUNTY STANDARDS AS PRESCRIBED UNDER SECTION 5.12 OF THE UDO AND IN ACCORDANCE WITH THE APPROVED PLAN.         12. ALL SIGNAGE SHALL COMPLY WITH COUNTY STANDARDS AS PRESRIBED UNDER SECTION 5.12 OF THE UDO. A SEPARATE SIGNAGE PLAN MAY BE REQUIRED FOR APPROVAL PRIOR TO INSTALLATION.         STORMWATER CERTIFICATE         UDO. A SEPARATE SIGNAGE PLAN MAY BE REQUIRED FOR APPROVAL PRIOR TO INSTALLATION.         STORMWATER CERTIFICATE         I.CUIDED ON THIS AND ATTACHED PAGES IS TRUE AND CORD OF MY KNOWLEDGE.         ON THE PLAN ENTITLED, COMMERCIAL SITE DEVELOPMENT PLASTORAGE OF MY KNOWLEDGE.         CONSTRUCTION OF BUILDINGS 1 & 4 1         2023         CONSTRUCTION OF BUILDINGS 1 & 4 1         2023         CONSTRUCTION OF BUILDINGS 1 & 4 1         QUILED AS PART OF THE STORMWATER PLAN. THE OWNER ALL MAINTENANCE, OR PERFORMANCE OF THE STORMANCE OF THE STOR	9. l	JTILITIES: * WATER SERVICE I * WASTEWATER IS APPROVED BY AL * ALL UTILITIES AR * SEE SHEETS 8-9	S TO BE PROVIDED BY C TO BE PROVIDED BY AN ( BEMARLE REGIONAL HEAL E TO BE INSTALLED UNDE FOR DETAILS.	JRRITUCK COUNTY MAINLAN DN-SITE TREATMENT AND [ TH SERVICES. RGROUND.	ID WATER SYSTEM. DISPOSAL SYSTEM TO	) BE		
11. REFUSE COLLECTION FACILITIES SHALL COMPLY WITH COUNTY STANDARDS AS PRESCRIBED UNDER         12. ALL SIGNAGE SHALL COMPLY WITH COUNTY STANDARDS AS PRESCRIBED UNDER SECTION 5.12 OF THE UDO. A SEPARATE SIGNAGE PLAN MAY BE REQUIRED FOR APPROVAL PRIOR TO INSTALLATION.         12. ALL SIGNAGE SHALL COMPLY WITH COUNTY STANDARDS AS PRESCRIBED UNDER SECTION 5.12 OF THE UDO. A SEPARATE SIGNAGE PLAN MAY BE REQUIRED FOR APPROVAL PRIOR TO INSTALLATION.         STORMWATER CERTIFICATE         UDO. A SEPARATE SIGNAGE PLAN MAY BE REQUIRED FOR APPROVAL PRIOR TO INSTALLATION.         STORMWATER CERTIFICATE         I,OWNER/AGENT HEREBY CERTIFY TI         INCLUDED ON THIS AND ATTACHED PAGES IS TRUE AND CORI         OWNER/AGENT HEREBY CERTIFY TI         INCLUDED ON THIS AND ATTACHED PAGES IS TRUE AND CORI         OWNER/AGENT HEREBY CERTIFY TI         INCLUDED         DEVELOPMENT SCHEDULE         CONSTRUCTION OF BUILDINGS 1 & 4       2023         CONSTRUCTION OF BUILDING 1 & 4       2023         CONSTRUCTION OF BUILDING 2 & 3       MARKET DRIVEN         ALL PARKING, DRIVE, DRAINAGE, UTILITY AND LANDSCAPING IMPROVEMENTS         IMARCE DRIVEN TO PROJECT CONSTRUCTION:         THE FOLLOWING PERMITS ARE REQUIRED PRIOR TO PROJECT CONSTRUCTION:         THE FOLLOWING PERMITS ARE REQUIRED	10.	THERE ARE NO KNOW	N JURISDICTIONAL WETLAN	DS ON THE PROPERTY.				
UDO. A SEPARATE SIGNAGE PLAN MAY BE REQUIRED FOR APPROVAL PRIOR TO INSTALLATION.         STORMWATER CERTIFICATE         IOWNER/AGENT HEREBY CERTIFY TI         INCLUDED ON THIS AND ATTACHED PAGES IS TRUE AND CORL         OF MY KNOWLEDCE.         ON THE PLAN ENTITLED, COMMERCIAL SITE DEVELOPMENT PLANDARGE GRANDY — STORMWATER, GRADING AND DRAINAGE         DEVELOPMENT SCHEDULE         CONSTRUCTION OF BUILDINGS 1 & 4       2023         CONSTRUCTION OF BUILDING 2 & 3       MARKET DRIVEN         ALL PARKING, DRIVE, DRAINAGE, UTILITY AND LANDSCAPING IMPROVEMENTS       DATE         MALL PARKING, DRIVE, DRAINAGE, UTILITY AND LANDSCAPING IMPROVEMENTS       DATE         OWNER/AGENT       DATE         THE FOLLOWING PERMITS ARE REQUIRED PRIOR TO PROJECT CONSTRUCTION:         THE FOLLOWING PERMITS ARE REQUIRED PRIOR TO PROJECT CONSTRUCTION:	11. F	REFUSE COLLECTION F SECTION 5.5 OF THE U ALL SIGNAGE SHALL C	OMPLY WITH COUNTY STA	WITH COUNTY STANDARDS I WITH THE APPROVED PLA NDARDS AS PRESRIBED UN	AS PRESCRIBED UNI N. IDER SECTION 5.12 (	DER DF THE		
STORMWATER CERTIFICATE         I,	ι	JDO. A SEPARATE SIG	NAGE PLAN MAY BE REQ	UIRED FOR APPROVAL PRIC	R TO INSTALLATION.			
INCLUDED ON THIS AND ATTACHED PAGES IS TRUE AND CORD         INCLUDED ON THIS AND ATTACHED PAGES IS TRUE AND CORD         OF MY KNOWLEDGE.         ON THE PLAN ENTITLED, <u>COMMERCIAL SITE DEVELOPMENT PLAN</u> DEVELOPMENT SCHEDULE         CONSTRUCTION OF BUILDINGS 1 & 4       2023         CONSTRUCTION OF BUILDING 2 & 3       MARKET DRIVEN         ALL PARKING, DRIVE, DRAINAGE, UTILITY AND LANDSCAPING IMPROVEMENTS         MARKET DRIVEN         ALL PARKING, DRIVE, DRAINAGE, UTILITY AND LANDSCAPING IMPROVEMENTS         MARKET DRIVEN         THE FOLLOWING PERMITS ARE REQUIRED PRIOR TO PROJECT CONSTRUCTION:         THE FOLLOWING PERMITS ARE REQUIRED PRIOR TO PROJECT CONSTRUCTION:         SEDIMENTATION AND EROSION CONTROL PERMIT         SEDIMENTATION AND EROSION CONTROL PERMIT					STORMWATER CERT	IFICATE	GENT HEREBY CERTIFY TI	4
STORAGE GRANDY - STORMWATER, GRADING AND DRAINAGE         DEVELOPMENT SCHEDULE         CONSTRUCTION OF BUILDINGS 1 & 4       2023         CONSTRUCTION OF BUILDINGS 1 & 4       2023         CONSTRUCTION OF BUILDINGS 1 & 4       2023         CONSTRUCTION OF BUILDING 2 & 3       MARKET DRIVEN         ALL PARKING, DRIVE, DRAINAGE, UTILITY AND LANDSCAPING IMPROVEMENTS         MARKET DRIVEN         ALL PARKING PERMITS ARE REQUIRED PRIOR TO PROJECT CONSTRUCTION:         THE FOLLOWING PERMITS ARE REQUIRED PRIOR TO PROJECT CONSTRUCTION:         PERMIT         AGENCY         REFERENCE NUMBER         SEDIMENTATION AND EROSION CONTROL PERMIT					OF MY KNOWLEDGE	TLED, <u>COMMERCIAL</u>	SITE DEVELOPMENT PLA	<u>7</u>
CONSTRUCTION OF BUILDINGS 1 & 4       2023         CONSTRUCTION OF BUILDING 2 & 3       MARKET DRIVEN         ALL PARKING, DRIVE, DRAINAGE, UTILITY AND LANDSCAPING IMPROVEMENTS       IMPROVEMENTS.         WILL BE INSTALLED AT PHASE 1.       DATE         OWNER/AGENT         THE FOLLOWING PERMITS ARE REQUIRED PRIOR TO PROJECT CONSTRUCTION:         PERMIT       AGENCY         REFERENCE NUMBER         SEDIMENTATION AND EROSION CONTROL PERMIT       N.C.D.E.Q. – DIVISION OF LAND RESOURCES		DEVEL	OPMENT SCHED	DULE	STORAGE GRANDY DRAINAGE IMPROVE SPECIFICATIONS AN REQUIRED AS PART ALL MAINTENANCE FOR THE DESIGN.	<u>– STORMWATER, G</u> MENTS SHALL BE ID APPROVED BY ( I OF THE STORMW, REQUIRED, CURRIT MAINTENANCE, OR	GRADING AND DRAINAGE INSTALLED ACCORDING T CURRITUCK COUNTY. YEA ATER PLAN. THE OWNER UCK COUNTY ASSUMES N PERFORMANCE OF THE S	
WILL BE INSTALLED AT PHASE 1.       DATE       OWNER/AGENT         THE FOLLOWING PERMITS ARE REQUIRED PRIOR TO PROJECT CONSTRUCTION:       PERMIT       AGENCY         REFERENCE NUMBER       SEDIMENTATION AND EROSION CONTROL PERMIT       N.C.D.E.Q. – DIVISION OF LAND RESOURCES	CONSTR CONSTR	RUCTION OF BUILDINGS RUCTION OF BUILDING ARKING. DRIVE DRAINA	51&4 20 2&3 MA AGE, UTILITY AND I ANDSO	23 RKET DRIVEN APING IMPROVEMENTS	IMPROVEMENTS.			
THE FOLLOWING PERMITS ARE REQUIRED PRIOR TO PROJECT CONSTRUCTION:         PERMIT       AGENCY       REFERENCE NUMBER         SEDIMENTATION AND EROSION CONTROL PERMIT       N.C.D.E.Q. – DIVISION OF LAND RESOURCES       VICTOR	WILL BI	E INSTALLED AT PHAS	SE 1.		DATE		OWNER/AGENT	
j sedimentation and erosion control permit j N.C.D.E.Q DIVISION OF LAND RESOURCES						REFERE	INCE NUMBER	
STORMWATER MANAGEMENT HIGH DENSITY PERMIT N.C.D.E.Q. – DIVISION OF LAND RESOURCES	SEI STO	RMENTATION AND ERO	SION CONTROL PERMIT	N.C.D.E.Q DIVISION OF N.C.D.E.Q DIVISION OF	LAND RESOURCES			_
DRIVEWAY PERMIT     N.C.D.O.T.       ENCROACHMENT AGREEMENT     N.C.D.O.T.		DRIVEWAY	PERMIT AGREEMENT	N.C.D.O. N.C.D.O.	т т			_
WATER MAIN EXTENSION     N.C.D.E.Q. – PUBLIC WATER SUPPLY SECTION       WASTEWATER DISPOSAL SYSTEM PERMIT     ALBEMARLE REGIONAL HEALTH SERVICES		WATER MAIN	EXTENSION AL SYSTEM PERMIT	N.C.D.E.Q. – PUBLIC WATE	R SUPPLY SECTION			_

HE INFORMATION RECT TO THE BEST

ANS FOR PINNACLE PLAN, STORMWATER TO THESE PLANS AND RLY INSPECTIONS ARE IS RESPONSIBLE FOR IO RESPONSIBILITY TORMWATER

PERMIT	AGENCY	REFERENCE NUMBER	DATE OF ISSUANCE
SEDIMENTATION AND EROSION CONTROL PERMIT	N.C.D.E.Q DIVISION OF LAND RESOURCES		
STORMWATER MANAGEMENT HIGH DENSITY PERMIT	N.C.D.E.Q DIVISION OF LAND RESOURCES		
DRIVEWAY PERMIT	N.C.D.O.T.		
ENCROACHMENT AGREEMENT	N.C.D.O.T.		
WATER MAIN EXTENSION	N.C.D.E.Q PUBLIC WATER SUPPLY SECTION		
WASTEWATER DISPOSAL SYSTEM PERMIT	ALBEMARLE REGIONAL HEALTH SERVICES		
CURRITUCK COUNTY CONSTRUCTION AUTHORIZATION	CURRITUCK COUNTY PLANNING STAFF		

# COMMERCIAL SITE DEVELOPMENT PLANS FOR PINNACLE STORAGE GRANDY GRANDY TOWNSHIP NORTH CAROLINA

## CURRITUCK COUNTY

Sheet List Table						
Sheet Number	Sheet Title					
1	COVER SHEET, DEVELOPMENT NOTES & SITE LOCATION					
2	EXISTING SITE CONDITIONS & DEMOLITION PLAN					
3	DEVELOPMENT OVERVIEW PLAN					
4	DETAILED SITE PLAN - WEST					
5	DETAILED SITE PLAN - EAST					
6	GRADING, DRAINAGE, STORMWATER & EROSION CONTROL PLAN - WEST					
7	GRADING, DRAINAGE, STORMWATER & EROSION CONTROL PLAN - EAST					
8	WATER SERVICE, FIRE LINE & WASTEWATER SYSTEM PLAN - WEST					
9	WATER SERVICE, FIRE LINE & WASTEWATER SYSTEM PLAN - EAST					
10	LANDSCAPING PLAN					
11	LANDSCAPING PLAN					
12	ELECTRICAL SCHEDULE, LIGHTING, CUTSHEETS, & STATISTICS					
13	ELECTRICAL PARTIAL PHOTOMETRIC PLAN - WEST					
14	ELECTRICAL PARTIAL PHOTOMETRIC PLAN - EAST					
15	WATER MAIN EXTENSION AND WASTEWATER SYSTEM PLANS					
16	STORMWATER AND PAVEMENT TYP. CONSTRUCTION DETAILS					
17	EROSION & SEDIMENTATION CONTROL NOTES & CONSTRUCTION DETAILS					
18	EROSION CONTROL - NCG01 SELF-INSPECTION NOTES					
19	EROSION CONTROL - NCG01 STABILIZATION & MATERIALS HANDLING					

North Carolina One-Call Center



LEGEND					
	- ROADWAY CENTERLINE				
	RIGHT-OF-WAY				
	PROPERTY BOUNDARY				
	- ADJOINING PROPERTY LINE				
· · ·	EXISTING DITCH CENTERLINE				
	EXISTING DITCH TOP OF BANK				
<u> </u>	PROPOSED SWALE W/ FLOW ARROW				
<i>,</i>	PROPOSED SWALE HIGH POINT				
8	EXISTING GRADE CONTOUR				
	EXISTING CULVERT				
	PROPOSED CULVERT				
C	EXISTING UTILITY POLE				
OHE OHE	EXISTING OVERHEAD TRANSMISSION LINES				
——— EWL ——— EWL ———	- EXISTING WATER LINE				
WL WL	PROPOSED WATER LINE (SIZE AS NOTED)				
<b>&gt;</b> ++	PROPOSED FIRE HYDRANT ASSEMBLY				
8	PROPOSED WATER SERVICE				
×	PROPOSED VALVE				
₩	PROPOSED FDC				
EROSION CON	NTROL LEGEND				
	PROPOSED LIMITS OF DISTURBANCE				
	PROPOSED SILT FENCE				
	PROPOSED FROSION CONTROL MAT				

		Bissell Professional Group	Firm License # C-956	3512 North Croatan Highway	Kitty Hawk North Caroling 27040	(252) 261–3266	ŕax (252) 261–1760					
							PRUFESSIUNAL GRUUP		Engineers, Planners, Surveyors	and Environmental Specialists		
	COVER SHEET, DEVELOPMENT NOTES & SITE LOCATION						THIS DOCUMENT IS THE SOLE PROPERTY OF BPG, INC. OF KITTY HAWK, NORTH CAROLINA. THE REPRODUCTION IN WHOLE OR ART, OR THE MODIFICATION OF ANY DETAIL OR DESIGN IS NOT TO BE MADE WITHOUT THE EXPRESS WRITTEN CONSENT OF MARK S. BISSELL, PRINCIPAL OF BPG, INC., COPYRIGHT 2022.					
						MMERICAL SITE DEVELOPMENT PLAN						
	۵.	ВΥ			[.							
	REVISIONS	DESCRIPTION										
		40. DATE			.   .			.   .	.   .			
INND.	DATE	A A A	1. 1. P	( E 9)5	EA 33 IN	A L SS E NIX	O T		11 AT AUT	ALL BURNING		
	DESIC	5-20 GNEC BF	)-2. ): PG	3	. •	CH	AS	ED:	HO Mŀ	W]	N	
	SHE	BL	R :			AP	, r(C	B	PG		_	
	CAE	1 ) FII	E:	20	0 1 ′	<sub>ا</sub> ر	<b>C1</b>	- - -	19	9		

PROJECT NO:

4788

S	URVEY LEGEND
SCM⊡ SIR ● EIR O	SET CONCRETE MONUMENT SET IRON ROD EXISTING IRON ROD
CP • M.B.L.	CALCULATED POINT MAXIMUM BUILDING LIMIT
N.T.S. P.C. D.B.	NOT TO SCALE PLAT CABINET DEED BOOK
SL SF AC	SLIDE SQUARE FEET ACRE

#### NOTE:

EXISTING SITE INFORMATION DESCRIBED HEREON IS BELIEVED TO BE ACCURATE, HOWEVER, BPG INC. MAKES NO WARRANTY AS TO THE ACCURACY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THIS INFORMATION BEFORE RELYING ON IT. THE CONTENT OF THESE DOCUMENTS MAY ALSO INCLUDE TECHNICAL INACCURACIES OR TYPOGRAPHICAL ERRORS. IF SUCH CONDITIONS EXIST, THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER PRIOR TO PROCEEDING WITH THE SCHEDULED WORK AND MAY CONTINUE AFTER AN AUTHORIZATION TO PROCEED HAS BEEN GRANTED.







GRANGE DRIVE (50' PR	fessional Group # C-956 roatan Highway orth Carolina 27949 616 i1-1760
3WL     8WL     8WL <td>Endition       Bissell Pro         Firm License       3512 North C         5512 North C       Bissell Pro         Firm License       3512 North C         Bissell Pro       106         Firm License       3512 North C         Firm License       3512 North C         Firm License       261-35         Fax (252) 26       26         Fax (252) 26       26</td>	Endition       Bissell Pro         Firm License       3512 North C         5512 North C       Bissell Pro         Firm License       3512 North C         Bissell Pro       106         Firm License       3512 North C         Firm License       3512 North C         Firm License       261-35         Fax (252) 26       26         Fax (252) 26       26
	DETAILED SITE PLAN - WEST THIS DOCUMENT IS THE SOLE PROPERTY OF BPG, INC. OF KITTY HAWK, NORTH CAROLINA. THE REPRODUCTION, IN WHOLE OR PART, OR THE MODIFICATION OF ANY DETAIL OR DESIGN IS NOT TO BADE WITHOUT THE EXPRESS WRITTEN CONSENT OF MARK S. BISSELL, PRINCIPAL OF BPG, INC., COPYRIGHT 2022.
NOW OR FORMERLY LOT 1 HARREL-SUTER SUBDAYSON David Mall, Jr. & Sovice Hall Dis. 1590, FG, 33 P.C. R, SL 98	PROJECT BY PROJECT BY PROJECT BY COMMERICALE STORAGE GRANDY NORTH CAROLINA CARDY TOWNSHIP COMMERICAL SITE DEVELOPMENT PLAN
	SUCISINE A CARO SEA 02















		PINNA	CLE GRANDY PLAN	t list			
KEY NO.	QUANTITY	BOTANICAL NAME	COMMON NAME	ROOT	CAL.	HT.	REMARKS
CANOP	Y TREES						
1	3	QUERCUS PHELLOS	WILLOW OAK	WB	4"	8' - 10'	
2	15	PISTACHIA CHINENSIS	CHINESE PISTACHIO	WB	4"	8'-0"	
UNDER	STORY TRE	ES					
3	1	ACER PALMATUM	JAPANESE MAPLE	25 GAL.	2 1/2"		BLOODGOOD
4	28	LAGERSTROEMIA INDICA	CREPE MYRTLE	WB	2 1/2"		MULTI-STEM MUSKOGEE LAVENDER
5	17	LAGERSTROEMIA INDICA	CREPE MYRTLE	WB	2 1/2"		MULTI-STEM MUSKOGEE
GROUN	D COVER						
6	50	LIRIOPE MUSCARII	LILY TURF	1 GAL.			1' O.C. SUPER BLUE
7	32	JUNIPERUS EXPANSA	PARSONS JUNIPER	3 GAL.			5' O.C.
SMALL	SHRUBS						
8	8	ILEX VOMITORIA NANA	DWARF YAUPON	3 GAL.		12" @ PLANTING	4' O.C.
9	30	HYDRANGEA MACROPHYLLA	BIG LEAF HYDRANGEA	3 GAL.			5'O.C. BLUE WAVE
10	31	AZALEA INDICA	INDIAN AZALEA	7 GAL.		3' @ PLANTING	6' O.C. FORMOSA
11	4	MUHLENBERGIA CAPILLARIS	PINK MUHLY GRASS	3 GAL.			2' O.C.
12	15	PENNISETUM ALOPECUROIDES	DWARF FOUNTAIN GRASS	3 GAL.			3' O.C.
LARGE	r Shrubs/	FLOWERING/COLOR/SCREEN					
13	9	ILLEX NELLIE R STEVENS	NELLIE STEVENS HOLLY	15 GAL.			10' O.C.
14	4	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR		WB	12' –14'	10' O.C.
15	104	RUBY LOROPETALUM	CHINESE FRINGE FLOWER	7 GAL.		3' @ PLANTING	5' O.C.

![](_page_10_Figure_11.jpeg)

4	

LIC	LIGHTING FIXTURE SCHEDULE											
MARK	DESCRIPTION	MANUFACTURER/SERIES	NOM. SIZE	TEMP(oK)	LAMPS	VOLTS	DELIVERED LUMENS	WATTS	COLOR	MOUNTING HEIGHT	BALLAST/ DRIVER	REMARKS
F1	WALL MOUNTED EXTERIOR LED	HUBBELL	N/A	4000	LEDs	120	2263	21	DARK	REFER TO	LED DRIVER	
		SG SERIES							BRONZE	PLANS		
		OR APPROVED EQUAL										
G1	WALL MOUNTED EXTERIOR LED	HUBBELL COMPASS	N/A	4000	LEDs	120	1600 AC	17	DARK	REFER TO	LED DRIVER	
	FIXTURE WITH	CUSO					600 EM		BRONZE	PLANS		
	EMERGENCY 90 MINUTE BATTERY	OR APPROVED EQUAL										

STATISTICS								
DESCRIPTION	AVG.	MAX.	MIN.	AVG/MIN.				
FRONT PROPERTY LINE	0.0FC	0.0 FC	0.0FC	N/A				
REAR PROPERTY LINE	0.0 FC	0.0 FC	0.0 FC	N/A				
FRONT PARKING AREA	0.6 FC	6.9 FC	0.0 FC	N/A				
REAR PARKING AREA	0.8 FC	4.9 FC	0.0 FC	N/A				

![](_page_11_Figure_4.jpeg)

5		ains all neering neering neerany marks, rr other relating	<u>.2023</u> ate:
	D	Owner acknowledges and agrees that Robert High Development, LLC (RHD) and CBHF Engineers, PLLC (CBHF) reta ownership and other rights, title and interests in and to all conceptual, working and final drawings, plans and specifications (colle plans and specifications) relating to the Project (including without limitation mechanical, electrical, plumbing and fire alarm enginaries and specifications), rand any and all of its proprietary rights embodied therein or related thereto. Except in conruction, ownership, operation and management of the Project by When, this Agreement shall not grant Own vested right, title or interest in or to any of the Plans and Specifications or any platents (issued or pending), trademarks, service trade names, copyrights, licenses, licensed or other proprietatory rights of RHD or any such rights granted by third parties or professionals to RHD. The Plans and Specifications and any contents of any documents or information embodied therein or thereto shall not to be used, reproduced or copied, in whole or in part, without the prior, written permission of CBHF and RHD.	0     ISSUED FOR REVIEW     06.20       Revision No:     Description:     05.20       Revision No:     Description:     05.20
DATE: LOCATION: TYPE: G1 PROJECT: CATALOG #: tradeselect	C	Engineers, PLLC	<ul> <li>2246 Yaupon Drive Phone: 910.791.4000</li> <li>Wilmington, NC 28401 Fax: 910.791.5266</li> <li>© <i>copyright 2023 CBHF Engineers, PLLC</i> NC# P-0506</li> </ul>
broper operation L recognized 90 minute licator tonal heater		SEAL SEAL SEAL SEAL SEAL SEAL SEAL SEAL SEAL SEAL SEAL SEAL SEAL SEAL SEAL	ROC 744 V V V V V V V V V V V V V V V V V V V
RELATED PRODUCTS         9       Exit & Message Signs         9       Emergency Lighting Units         9       Battery Packs         9       Remote Heads & Fixtures         0       U924 Listed for Wet Location         which cannot be altered       U924 Listed for Wet Location         0       U924 Listed for Wet Location         0       NFPA 70         0       OSHA <b>OPPLCATION</b> See HLI Standard Warranty for additional information         0       See HLI Standard Warranty for additional applications to meet all Path of dictional applications to meet all Path of gress requirements         0       See HLI Standard Warranty for additional information         0       See HLI Standard Warranty for additional information         0       See HLI Standard Warranty for additional information         0       See Mell Standard Warranty for additional information         0       See Mell Standard Warranty for additional information         0       See Mell Standard Warranty for additional information         0	B	NNACLE CURRITUCK SELF-STORAGE FACILITY OBERT HIGH DEVELOPEMENT 828 CARATOKE HIGHWAY GRANDY, NC	ELECTRICAL ITING CUTSHEETS, AND STATISTICS
and PIR Motion Detect, Self-Diag, Black, Heater   and PIR Motion Detect, Self-Diag, White   and PIR Motion Detect, Self-Diag, White   and PIR Motion Detect, Self-Diag, White, Heater   Self-Diag, Dark Bronze   Self-Diag, Black   Self-Diag, Black, Heater   Self-Diag, Black, Heater   Self-Diag, White   Self-Diag, Self   Self-Diag, White   Self-Diag, White <td>A</td> <td></td> <td>SCHEDULE, LIGH</td>	A		SCHEDULE, LIGH
		JOB NO: CBHF: 2219 DRAWN: DESIGNED: CHECKED:	90 RHD:22-8003 RRD RRD JPF
		DRAWIN	NG NO:

REVISION: 

![](_page_12_Picture_0.jpeg)

![](_page_13_Figure_0.jpeg)

3 4		
	3	4

GENERAL STANDARDS AND INSTRUCTIONS 1. ALL SYSTEM COMPONENTS ARE LOCATED AT OR GREATER THAN 10 FEET FROM THE NEAREST PROPERTY LINE, AT OR GREATER THAN 5 FEET FROM THE BUILDING FOUNDATION AND AT OR GREATER THAN 20 FEET FROM OTHER NITRIFICATION FEIT

- 2. ALL MATERIALS, SUPPLIES, PROCEDURES, WORKMANSHIP AND INSTALLATIONS SHALL COMPLY WITH THE LATEST EDITIONS AND AMENDMENTS OF: NORTH CAROLINA BUILDING CODE, LAWS AND RULES FOR SANITARY SEWAGE COLLECTION, TREATMENT, AND DISPOSAL, SECTION J900 OF THE NORTH CAROLINA ADMINISTRATIVE CODE, NORTH CAROLINA PLUMBING CODE, LAWS AND REGULATIONS APPLICABLE TO GENERAL CONTRACTING IN THE STATE OF NORTH CAROLINA, RESPECTIVE MANUFACTURERS' INSTRUCTIONS AND ACCEPTED INDUSTRY STANDARDS.
- 3. ALL WORK SHALL BE PERFORMED UNDER THE DIRECT SUPERVISION OF A PERSON PROPERLY REGISTERED WITH THE STATE OF NORTH CAROLINA OR LOCAL HEALTH DEPARTMENT TO PERFORM SUCH WORK.
- FILL AND BACKFILL MATERIALS SHALL BE CLEAN AND FREE OF ORGANIC MATERIAL AND TRASH OR DEBRIS THAT MAY BE HARMFUL TO ANY SYSTEM COMPONENTS. 5. ALL WORK SHALL CEASE AND BE HELD FOR INSPECTION AND APPROVAL AT APPROPRIATE MILESTONES IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL HEALTH DEPARTMENT. THE CONTRACTOR SHALL PROVIDE REASONABLE PRIOR NOTICE
- (MINIMUM 24 HOURS) TO THE ENGINEER AND LOCAL HEALTH DEPARTMENT OF PENDING INSPECTION. 6. THE CONTRACTOR SHALL PERFORM AND CERTIFY ALL TESTS AND SHALL MAINTAIN A RECORD OF ALL TESTS RESULTS. TEST RESULTS SHALL BE PROVIDED TO THE ENGINEER HEALTH DEPT. AND THE OWNER UPON REQUEST, AND SHALL BE TRANSMITTED TO THE OWNER WITH THE OPERATIONS AND MAINTENANCE MANUALS.
- 7. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONDUCT AND SUPERVISION OF ALL WORK ASSOCIATED WITH THE SPECIFICATIONS DESCRIBED HEREON.
- PLUMBING/SUPPLY LINE NOTES WASTEWATER FROM THE RESIDENCE WILL BE CONVEYED TO THE SEPTIC TANK BY GRAVITY FLOW THROUGH A 4 INCH OR 6 INCH DIAMETER PVC OR DIP SEWER PIPE AS REQUIRED BY NORTH CAROLINA PLUMBING CODE. MINIMUM SLOPE OF THE SEWER SHALL BE 1/8 INCH PER FOOT AND AS REQUIRED BY PLUMBING
- 2. SEWERS INSTALLED UNDER PAVEMENT OR AGGREGATE PARKING OR DRIVE AREAS SHALL BE SERVICE WEIGHT DUCTILE IRON PIPE AND FITTINGS. SEWERS INSTALLED IN UNPAVED AREAS AND PROTECTED FROM TRAFFIC OR OTHER SEVERE LOADS SHALL BE SCHEDULE 40 PVC PIPE AND FITTINGS.
- 3. SUPPLY LINES AND MANIFOLDS SHALL BE SCHEDULE 40 PVC PIPE AND FITTINGS AND SHALL CONFORM TO THE MATERIAL AND INSTALLATION SPECIFICATIONS FOR BUILDING SEWERS. 4. SUPPLY AND MANIFOLD PIPE SHALL BE INSTALLED ON A SMOOTH SLOPE BETWEEN THE INVERT ELEVATIONS OF THE ENDS WITHOUT DIPS OR AIR TRAPS.

- DISPOSAL FIELD CONSTRUCTION NOTES AND SEQUENCING HOLD PRE-CONSTRUCTION NOTES AND SEQUENCING
   HOLD PRE-CONSTRUCTION CONFERENCE TO DISCUSS PROJECT SCHEDULING & COORDINATION. NOTIFY ENGINEER AND LOCAL HEALTH DEPARTMENT REPRESENTATIVE PRIOR TO BEGINNING WORK.
   HAVE EXISTING UTILITIES FLAGGED PRIOR TO GROUND DISTURBING ACTIVITIES PLAL BALL
- ACTIVITIES. DIAL 811 REFER TO ANY ADDITIONAL SITE SPECIFIC PREPARATION NOTES AND CONSTRUCTION INSPECTION PROCEDURES THAT MAY BE NOTED ON PLANS. REMOVE ORGANIC MATTER AND SCARIFY NATURAL GROUND. PLACE CLEAN TYPE 1 SAND FILL ACROSS DRAINFIELD AREA WHERE SPECIFIED ON THE PLAN. SITE PREPARATION, INCLUDING CUTTING, FILLING AND GRADING, SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE APPROVED DRAWINGS AND SPECIFICATIONS
- PECIFICATIONS. TRAFFIC SHALL BE PROHIBITED ON FIELDS AND SIDE SLOPES. UPON COMPLETION OF FILL INSTALLATION, SCHEDULE INSPECTION WITH LOCAL HEALTH DEPT. AND/OR ENGINEER PRIOR TO BEGINNING INSTALLATION OF DISPOSAL SYSTEM.
- INSTALL SUPPLY MANIFOLDS, LATERALS, RISERS AND VALVES: A. MANIFOLDS: a. EXCAVATE TRENCH APPROXIMATELY 12 INCHES WIDE FOR INSTALLATION OF SUPPLY MANIFOLD. b. PLACE SEGMENTS AND GLUE FITTINGS TO MANIFOLD SEGMENTS AS
- SHOWN ON DRAWINGS. B. LATERALS & RISERS: a. EXCAVATE LATERAL TRENCHES, USING TRANSIT TO ENSURE TRENCHES ARE LEVEL. ASSEMBLE LATERAL SEGMENTS WITH TEES ON 5' CENTERS FOR RISERS AS SHOWN ON DRAWINGS.
- PLACE LATERALS IN TRENCHES AND CONNECT (GLUE) TO MANIFOLDS. PLACE AND GLUE RISERS IN TEES INSTALLED IN LATERALS AS SHOWN ON DRAWINGS. RISERS TO BE CUT IN 5' LENGTHS AND SHALL EXTEND 6" ABOVE FINISH GRADE AS SHOWN ON PLANS.
- PROVIDE CLEANOUT AT EACH LATERAL END. C. VALVES: PLACE GATE VALVE IN SUPPLY FORCE MAIN IF REQUIRED AND AS SHOWN ON PLANS.
- SHOWN ON PLANS.
  9. GRAVEL FOR NITRIFICATION LINES SHALL BE CLEAN WASHED GRAVEL OR CRUSHED STONE GRADED FROM 3/4 TO 1 INCH.
  10. NITRIFICATION LINES SHALL BE INSTALLED LEVEL WITH A MINIMUM INVERT ELEVATION OF 12 INCHES BELOW LOCAL FINISHED GRADE <u>OR</u> IN ACCORDANCE WITH ELEVATIONS SPECIFIED ON THE PLAN WHEN PROVIDED.
  11. EXCAVATED TRENCH BOTTOMS SHALL BE UNDISTURBED NATURAL SOIL OR COMPACTED CLEAN FILL. GRAVEL UNDER NITRIFICATION LINES SHALL BE RAKED AND TAMPED LEVEL IN THE DIRECTION OF THE PIPE RUN AND SHALL REMAIN IN SUCH CONDITION AND CLEAN TO ACCEPT INSTALLATION OF THE PIPE AND SUBSEQUENT GRAVEL FILL, GRAVEL SHALL AT ALL TIMES BE MAINTAINED CLEAN
- SUBSEQUENT GRAVEL FILL. GRAVEL SHALL AT ALL TIMES BE MAINTAINED CLEAN

![](_page_14_Figure_18.jpeg)

- WITH LOCAL HEALTH DEPT. AND/OR ENGINEER PRIOR TO COVERING. 14. THE DRAINFIELD AREA SHALL BE FINE GRADED THE MINIMUM AMOUNT NECESSARY TO OBTAIN FINISH GRADES AS SHOWN ON THE DRAWINGS AND TO PROMOTE DINNEEL AWAY FROM DRAINFIELD RUNOFF AWAY FROM DRAINFIELD. 15. FINISH GRADE SLOPES FOR DISTURBED LAND SHALL NOT EXCEED 1:3 (RISE: RUN).
- 15. FINISH GRADE SLOPES FOR DISTURBED LAND SHALL NOT EXCEED 1:3 (RISE:RUN).
  16. COMPLETED DRAINFIELD AREAS SHALL BE IDENTIFIED AND BARRICADED TO PREVENT COMPACTION BY CONSTRUCTION OR OTHER TRAFFIC. ALL DISTURBED AREAS SHALL BE STABILIZED AND VEGETATED WITHIN 21 DAYS AFTER CESSATION OF LAND DISTURBING ACTIVITIES. TEMPORARY COVER, IF NECESSARY, SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE NOTES AS DESCRIBED
- HEREON. 17. FOR SYSTEMS REQUIRING START-UP, SCHEDULE WITH ENGINEER, LOCAL HEALTH DEPARTMENT AND PROPERTY OWNER. AT A MINIMUM, START-UP TO INCLUDE OBSERVATIONS OF PRESSURE HEAD SETTING, FLOW VOLUME CONFIRMATION AND PROPER OPERATION OF SYSTEM COMPONENTS.
- SEPTIC/PUMP TANK INSTALLATION NOTES A. EXCAVATION 1. DIG SUITABLE EXCAVATION, BRACED AND SHEETED AS SOIL CONDITIONS DICTATE. DICTATE. 2. KEEP EXCAVATIONS FREE OF WATER AT ALL TIMES. 5. INSTALL STONE BASE IF SPECIFIED OR DETERMINED NECESSARY IN THE FIELD BASED ON UNSUITABLE SOIL CONDITIONS.
- B. LEAKAGE TES . PRIOR TO BACKFILLING AND COVERING TANKS, PERFORM 24 HOUR LEAKAGE TEST AS FOLLOWS: a. NOTIFY ENGINEER PRIOR TO BEGINNING TEST. b. FILL TANKS WITH CLEAR WATER.
  - d. WITH SOIL DEWATERED, WATER LEVEL IN TANK MUST NOT DROP MORE THAN ONE\_HALF (1/2") INCH. e. REPLASTER TANK AND REPEAT TEST UNTIL SUCCESSFUL.
- C. BACKFILLING BACKFILLING
  BACKFILL WITH MATERIAL FREE OF BOULDERS, LARGE ROOTS, SOD AND OTHER DEBRIS OR ORGANIC MATTER.
  COMPACT TO AT LEAST 90 PERCENT OF ASTM D1557 DRY DENSITY.
  PROTECT TANK SITE FROM HEAVY EQUIPMENT.
  GRADE SITE TO PREVENT PONDING OF WATER ABOVE TANKS.

![](_page_14_Figure_26.jpeg)

![](_page_14_Figure_27.jpeg)

90^ BEND

![](_page_14_Figure_29.jpeg)

![](_page_14_Figure_30.jpeg)

AND COVER MAY BE SUBSTITUTED W/

24"ø ORENCO PVC LID

22 1/2<sup>^</sup> BEND

![](_page_14_Figure_31.jpeg)

(TO BE UTILZED ON ALL TANK PENETRATIONS)

CONCRETE THRUST -BLOCK PER DETAIL

![](_page_14_Picture_35.jpeg)

![](_page_14_Figure_37.jpeg)

![](_page_14_Figure_38.jpeg)

#### **TEMPORARY BLOW-OFF DETAIL** NTS

![](_page_14_Figure_40.jpeg)

REDUCED PRESSURE DETECTOR ASSEMBLY (RPDA) N.T.S. NOTES L MATERIALS SHALL BE IN ACCORDANCE WITH LATEST AWWA SPECIFICATIONS. 2. REFER TO SPECIFICATIONS FOR ADDITIONAL DETAILS

## TAPPING DETAIL

FIRE HYDRANT DETAIL NTS

![](_page_14_Figure_44.jpeg)

![](_page_15_Figure_0.jpeg)

#### GENERAL PROJECT NOTES:

#### 1. PROJECT NAME: PINNACLE STORAGE GRANDY GRANDY, CURRITUCK COUNTY, NORTH CAROLINA MOYOCK STORAGE & RV, LLC 2. APPLICANT: 324 GREENVILLE AVE WILMINGTON, NC 28403 3. PROJECT DESCRIPTION: SELF-STORAGE FACILITY 4. NEAREST RECEIVING STREAM: DOWDYS BAY (POPLAR BRANCH BAY) INDEX NUMBER 30-1-15 5. STREAM CLASSIFICATION: SC - PASQUOTANK RIVER BASIN 6. PROJECT AREA TABULATION: TOTAL PARCEL AREA: 11.48 AC. TOTAL PROPOSED DISTURBED AREA: 12.01 AC. AREA CALCULATION NOTE All areas have been calculated utilizing properties within the AutoCAD software MATERIAL BALANCE NOTE: All excavated material occurring during the course of construction will remain on-site for roadway construction and over-lot grading. No borrow material is anticipated. See SCHEDULE OF LAND DISTURBING ACTIVITIES provided on Sheets 06-07 of this set for an estimated cut-fill material balance for the project. WETLAND NOTE The property contains no known 404 jurisdictional wetlands. STABILIZATION NOTE: The angle of graded slopes and fills shall be no greater than the angle that can be retained by vegetative cover or other adequate erosion control devices or structures. In any event, all disturbed areas left exposed will, WITHIN 14 CALENDAR DAYS OF COMPLETION of any phase of grading, be planted or otherwise provided with temporary or permanent ground cover, devices, or structures sufficient to restrain erosion. Additionally, certain critical areas as identified on the plan, such as, but not limited to, perimeter dikes, swales, slopes steeper than 3:1,

and areas located within High Quality Water Zones, must be temporarily or permanently stabilized WITHIN 7 CALENDAR DAYS OF COMPLETION of any phase of grading in these areas. permanent ground cover for all disturbed areas must be provided WITHIN 15 WORKING DAYS OR 90 CALENDAR DAYS (whichever is shorter) following completion of construction or development.

CONSTRUCTION SEQUENCE SCHEDULE

CONSTRUCTION ACTIVITY Construction Access -Construction entrance, construction routes, equipment parking immediately with gravel & temporary vegetation as

Sediment Traps & Barriers -Basin traps, sediment fences & outlet protection

Runoff Control -Diversions, perimeter dikes, water bars, and outlet protection

Runoff Conveyance System -Stabilize stream banks, storm drains, channels, inlet & outlet protection, slope drains

Land Clearing & Grading -Site preparation - cutting, filling & grading, sediment traps, barriers, diversions, drains, surface roughening

Surface Stabilization -Temporary & permanent seeding, mulching, sodding, rip rap.

Building Construction -Building, utilities, paving.

Landscaping & Final Stabilization -Topsoiling, trees & shrubs, permanent seeding, mulching, sodding, rip rap

SEDIMENTATION AND EROSION CONTROL NOTES:

NARRATIVE AND SITE DATA

Moyock Storage & RV is a self-storage facility slated for development on an 11.48 acre tract of land located along the west side of Caratoke Hwy (US 158) in Grandy Township, Currituck County. The site is bounded to the north by Grange Drive, a private right-of-way, to the south by agricultural land, to the east by Caratoke Highway, and to the west by undeveloped land. The property has historically been vacant and is currently a tilled farm field. Surrounding development is a mix of agricultural and residential. Existing topography is generally flat with slopes of between 0-1%. Elevations range between 12.0 - 14.0 ft msl across

SCHEDULE CONSIDERATION

conveyance measures during grading.

construction takes place.

needed during grading.

system after grading.

areas for preservation.

delaved or complete.

practices as work takes place.

First land-disturbing activity - Stabilize bare areas

Install principal basins after construction site is

accessed. Install additional traps and barriers as

Install key practices after principal sediment traps and

before land grading. Install additional runoff-control

Where necessary, stabilize stream banks as early as

possible. Install principal runoff conveyance system

with runoff-control measures. Install remainder of

Begin major clearing and grading after principal & key

runoff-control measures are installed. Clear borrow &

measures as grading progresses. Mark trees & buffer

Apply temporary or permanent stabilization measures

immediately on all disturbed areas where work is

Install necessary erosion & sedimentation control

Stabilize all open areas, including borrow & spoil

areas. Remove & stabilize all temporary control

disposal areas as needed. Install additional control

most of the site and falls slightly below 12.0 ft along Caratoke Hwy. The ditch at the south side of the site drains to the north, through an existing farm ditch that crosses the site, ultimately crossing under Caratoke Hwy and discharging to Dowdys Bay, itself a tributary to the North Landing River. According to the USDA Soil Survey Manual of Currituck County, soils across the property are composed of Munden

loamy sand, Nimmo loamy sand, and Portsmouth fine sandy loam. Munden series soils are described as nearly level, moderately drained and moderate permeability with a seasonal high water table 18-30" from the surface. Nimmo series soils are described as nearly level, poorly drained and moderate permeability with a seasonal high water table at or near the surface. Portsmouth series soils are described as nearly level, poorly drained and moderate permeability with a seasonal high water table at or near the surface.

![](_page_16_Figure_17.jpeg)

O PROVIDE TEMPORARY SOIL STABILIZATION BY PLANTING GRASSES AND LEGUMES TO AREAS THAT WOULD REMAIN BARE FOR MORE THAN 14 CALENDAR DAYS, OR 7 DAYS IN IDENTIFIED CRITICAL AREAS, WHERE PERMANENT COVER IS NOT NECESSARY OR APPROPRIATE LAND DISTURBANCE & STABILIZATION DETAIL

![](_page_16_Figure_19.jpeg)

ROLLED EROSION CONTROL MATTING DETAIL

JOIN ROLLS BY ANCHORING

ND OVERLAPPIN

2" OVERLA

ROLLED EROSION CONTROL MATTING (R.E.C.M.) SPECIFICATIONS: 1. All areas identified on these plans as requiring an erosion control matting shall be lined with a protective covering to minimize erosion and protect seed until permanent vegetation is

- established 2. Covering shall be composed of a bio- or photo-degradable material to minimize long-term
- environmental impacts. 3. Mulching with straw or other organic materials can be utilized only when it will not impede the establishment of permanent vegetation. Mulches must be properly anchored which may be
- difficult in some environments. An example is straw mulch with jute netting stapled or pinned in

4. pre-manufactured rolled erosion control products (RECP) are highly recommended for this application. RECP's shall be installed according to manufacturer specifications for channel linings. An example is a woven straw or wooden fiber Excelsior matting.

![](_page_16_Figure_26.jpeg)

### **DROP/CURB INLET PROTECTION**

INLET PROTECTION SPECIFICATIONS: INSPECT AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (2 INCH OR GREATER) EVENT AND REPAIR IMMEDIATELY. REMOVE DEBRISH FROM MESH AND REPLACE STONES AS NEEDED.

REMOVE ONCE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.

MOUNTABLE BERM (6" MIN.) 50' MINIMUM PAVEMENT MINIMUM 6" OF 2"-3" AGGREGATE \*\* GEOTEXTILE CLASS 'C' OR BETTER-OVER LENGTH AND WIDTRIPOF AS NECESSARY STRUCTURE PROFILE VIEW -EXISTING GROUND \* 50' MINIMUM 10' MIN MINIMUM WIDTH AVEMEN <u>PLAN VIEW</u> CONSTRUCTION ENTRANCE CONSTRUCTION ENTRANCE SPECIFICATIONS Length - minimum of 50' (\*30' for single residence lot). 2. Width - 12' minimum, should be flared at the existing road to provide a turning radius 3. Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. \*\*The plan approval authority may not require single family

- residences to use geotextile. 4. Stone - crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the 5. Surface Water - all surface water flowing to or diverted toward construction
- entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mountable berm with 5:1 slopes and a minimum of 6" of stone over the pipe. Pipe has to be sized according to the drainage (min. 6"). When the SCE is located at a high spot and has no drainage to convey, a pipe will not be necessarv
- 6. Location A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

- LAND GRADING CONSTRUCTION SPECIFICATIONS
- 1. Construct & maintain all erosion & sedimentation control practices & measures in accordance with the approved sedimentation control plan and construction schedule.
- 2. Remove good topsoil from areas to be graded and filled, and preserve it for use in finishing the grading of all critical areas.
- 3. Scarify areas to be topsoiled to a minimum depth of 2 inches before placing
- 4. Clear & grub areas to be filled to remove tress, vegetation, roots or other objectionable material that woul affect the planned stability of fill.
- 5. Ensure that fill material is free of brush, rubbish, rocks, logs, stumps, building debris, and other materials inappropriate for constructing stable fills.
- 6. Place all fill in layers not to exceed 9 inches in thickness, and compact the layers as required to reduce erosion, slippage, settlement, or other related problems.
- 7. Do not incorporate frozen material or soft, mucky, or highly compressible
- materials into fill slopes. 8. Do not place fill on a frozen foundation, due to possible subsidence and
- slippage. 9. Keep diversions and other water conveyance measures free of sediment
- during all phases of development. 10. Handle seeps or springs encountered during construction in accordance
- approved methods. 11. Following completion of any phase of grading, provide a groundcover
- (temporary or permanent) on all exposed slopes within 14 calendar days, or 7 calendar days in critical areas identified on the pla; and a permanent groundcover for all disturbed areas within 15 working days or 90 calendar days (whichever is shorter) following completion of construction or development.
- 12. Provide adequate protection from erosion for all topsoil stockpiles, borrow areas, and spoil areas.
- MAINTENANCE
- Periodically check all graded areas & the supporting erosion & sedimentation control practices, especially after heavy rainfalls. Promptly remove all sediment from diversions and other water-disposal practices. If washouts or breaks occur. repair them immediately. Prompt maintenance of small-eroded areas before they become significant gullies is an essential part of an effective erosion & sedimentation control plan.

- PERMANENT SEEDING
- The purpose of permanent seeding is to reduce erosion and decrease sediment yield from disturbed areas, and to permanently stabilize such areas in a manner that is economical, adapts to site conditions, and allows selection of the most appropriate plant materials. These areas must be seeded or planted within 15 working days or 90 calendar days after final grade is reached, unless temporary stabilization is applied.
- PERMANENT SEEDING SPECIFICATIONS Seeding Recommendations for Summer SEEDING DATES - April to July SEEDING MIXTURE
- Species Common bermudagrass

Species

10/1,000 sf (sprigs) 1-2 lb/1,000 sf (seed) SOD (See Sodding Notes)

Rate

#### Seeding Recommendations for Early Fall through Early Spring SEEDING DATES - August to March (early fall and spring recommended) SEEDING MIXTURE

- Kentucky 31 Tall Fescue 6 lb/1,000 sf (broadcast seed)
- SEEDING NOTES 1. Sprig or sod. Moisture is essential during initial establishment. Sod must be kept watered for 2-3 weeks, but can be planted earlier or later than sprigs.
- Soil Amendments It is highly recommended that soils be tested and amended as found necessary.
- If soils are not tested, follow these recommendations: Apply 3,000 lb/acre of ground agricultural limestone and 500 lb/acre of 10-10-10 starter fertilizer, or 50 lb/acre nitrogen from turf-type slow-release fertilizer. Add 25-50 lb/acre nitrogen at 2-3 week intervals through midsummer.
- Plant sprigs in furrows with a tractor-drawn transplanter, or broadcast by hand. (Not recommended for Tall Fescue)
- Furrows should be 4-6 inches deep and 2 feet apart. Place sprigs about 2 ft. apart in a row with one end at or above ground level.
- Broadcast at rates shown above, and press sprigs into the top 1/2-2 inches of soil with a disk set straight so that sprigs are not brought back toward the surface.
- Mulch -Do not mulch bermudagrass. For tall fescue seed, apply 4,000-lb/acre straw. Anchor straw by tacking with asphalt, netting or a mulch-anchoring tool. A disk with blades set nearly straight can be used as a mulch-anchoring tool.
- Maintenance Water as needed. Mow bermuda to 3/4 to 1-inch height and tall fescue to 2.5 -3.5 inch height. Topdreses bermuda with 40 lb/acre nitrogen in April, 50 lb in May, 50 lb in June, 50 lb in July, and 25 lb in August. Top dress tall fescue in mid September, again in November and February with turf-grade 3-1-2 or 4-1-2 ratio turf-grade fertilizer. Fertilize with 1 lb of actual nitrogen per 1,000 sf. Do not

fertilize tall fescue between Mid March and Early September.

SEEDING MIXTURE

Winter Rye (grain) Annual Lespedeza (Kobe)

Soil Amendments -

mulch-anchoring tool.

Maintenance ·

SEEDING MIXTURE

Soil Amendments

mulch-anchoring tool.

120

![](_page_16_Figure_82.jpeg)

![](_page_16_Figure_83.jpeg)

![](_page_16_Figure_84.jpeg)

![](_page_16_Figure_85.jpeg)

Fasten the filter fabric to the upstream side of posts or wire fence if utilized. Extend fabric 8" down & 4" forward along the trench.

![](_page_16_Figure_87.jpeg)

![](_page_16_Figure_88.jpeg)

promptly.

Remove sediment deposits as necessary to provide adequate

storage volume for the next rain and to reduce pressure on the

Remove all fencing materials and unstable sediment deposits

drainage area has been properly stabilized.

and bring the area to grade and stabilize it after the contributing

-STEEL POSTS

-FILTER FABRIC

-WIRE FOR PLASTIC TIES

EXCAVATED TRENCH

SECTION A-A

BOTTOM OF WIRE FENCE AND

STEEL POST DRIVEN

4" INTO GROUND

- WIRE FENCE

fence. Take care to avoid undermining the fence during cleanout.

EESSI

SEAL

053359

AS SHOW

DMK

06-20-23

BPG

BLR

SHEET:

CAD FILE

17

PROJECT NO:

22012-SP

4788

![](_page_16_Figure_89.jpeg)

TYPICAL SILT FENCING DETAI

	SELF-INSPECTI	PART III ON, RECORDKEEPING AND REPORTING	SELF-INSPECTION. RE	PART III SELE-INSPECTION RECORD/ FEPING AND REPORTING					
SECTION A: SELL Self-inspections below. When ac personnel to be which it is safe t greater than 1.0	F-INSPECTION are required duri dverse weather of in jeopardy, the i o perform the ins inch occurs outsi	ng normal business hours in accordance with the table r site conditions would cause the safety of the inspection nspection may be delayed until the next business day on pection. In addition, when a storm event of equal to or de of normal business hours, the self-inspection shall be	SECTION B: RECORDKEEPING         1. E&SC Plan Documentation         The approved E&SC plan as well as any approved E&SC plan must be kept up-to-ord         The following items pertaining to the E&SC plan at all times during normal business	pproved deviation shall be kept on the site. The date throughout the coverage under this permit. SC plan shall be kept on site and available for iness hours.	SECTION C: F <b>1. Occurrenc</b> Permittees (a) Visible	<b><u>REPORTING</u></b> <b>es that Must</b> s shall report e sediment de ills if:			
were delayed sh	all be noted in th	e Inspection Record.	Item to Document	Documentation Requirements	• The	v are 25 gallo			
Inspect (1) Rain gauge maintained in good working order	Frequency (during normal business hours) Daily	Inspection records must include: Daily rainfall amounts. If no daily rain gauge observations are made during weekend or holiday periods, and no individual-day rainfall information is available, record the cumulative rain measurement for those un- attended days (and this will determine if a site inspection is needed). Days on which no rainfall occurred shall be recorded as	(a) Each E&SC measure has been installed and does not significantly deviate from the locations, dimensions and relative elevations shown on the approved E&SC plan.	Initial and date each E&SC measure on a copy of the approved E&SC plan or complete, date and sign an inspection report that lists each E&SC measure shown on the approved E&SC plan. This documentation is required upon the initial installation of the E&SC measures or if the E&SC measures are modified after initial installation.	<ul> <li>The</li> <li>The</li> <li>The</li> <li>The</li> <li>The</li> <li>(c) Release of the</li> </ul>	y are less that y cause shee y are within 1 ses of hazard clean Water			
(2) E&SC Measures	At least once per 7 calendar days and within 24	<ul> <li>"zero." The permittee may use another rain-monitoring device approved by the Division.</li> <li>1. Identification of the measures inspected,</li> <li>2. Date and time of the inspection,</li> <li>3. Name of the person performing the inspection,</li> </ul>	(b) A phase of grading has been completed.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate completion of the construction phase.	(Ref: 4 (d) Antici	10 CFR 302.4			
(3) Stormwater	At least once per	<ul> <li>4. Indication of whether the measures were operating properly,</li> <li>5. Description of maintenance needs for the measure,</li> <li>6. Description, evidence, and date of corrective actions taken.</li> <li>1. Identification of the discharge outfalls inspected,</li> </ul>	(c) Ground cover is located and installed in accordance with the approved E&SC plan.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate compliance with approved ground cover specifications.	(e) Nonco enviro	ompliance with onment.			
discharge outfalls (SDCs)	7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	<ol> <li>Date and time of the inspection,</li> <li>Name of the person performing the inspection,</li> <li>Evidence of indicators of stormwater pollution such as oil sheen, floating or suspended solids or discoloration,</li> <li>Indication of visible sediment leaving the site,</li> </ol>	<ul> <li>(d) The maintenance and repair requirements for all E&amp;SC measures have been performed.</li> <li>(e) Corrective actions have been taken</li> </ul>	Complete, date and sign an inspection report.	<b>2. Reporting</b> After a per the approp	<b>Timeframes</b> rmittee beco priate Divisio			
(4) Perimeter of site	At least once per 7 calendar days and within 24	<ul> <li>6. Description, evidence, and date of corrective actions taken.</li> <li>If visible sedimentation is found outside site limits, then a record of the following shall be made:</li> <li>1. Actions taken to clean up or stabilize the sediment that has left the site limits.</li> </ul>	to E&SC measures.	plan or complete, date and sign an inspection report to indicate the completion of the corrective action.	reported t 858-0368.	o the Depart			
	event ≥ 1.0 inch in 24 hours	<ol> <li>Description, evidence, and date of corrective actions taken, and</li> <li>An explanation as to the actions taken to control future releases.</li> </ol>	2. Additional Documentation to be Kept on In addition to the E&SC plan documents a site and available for inspectors at all time	<b>n Site</b> above, the following items shall be kept on the es during normal business hours, unless the	Occurrence (a) Visible se deposition i	ediment • in a •			
(5) Streams or wetlands onsite or offsite (where	At least once per 7 calendar days and within 24 hours of a rain	If the stream or wetland has increased visible sedimentation or a stream has visible increased turbidity from the construction activity, then a record of the following shall be made: 1. Description, evidence and date of corrective actions taken, and 2. Records of the required reports to the appropriate Division	Division provides a site-specific exemption this requirement not practical:	n based on unique site conditions that make	stream or w	/etland			
(6) Ground stabilization measures	24 hours After each phase of grading	<ul> <li>Regional Office per Part III, Section C, Item (2)(a) of this permit.</li> <li>The phase of grading (installation of perimeter E&amp;SC measures, clearing and grubbing, installation of storm drainage facilities, completion of all land-disturbing</li> </ul>	(a) This General Permit as well as the Ce (b) Records of inspections made during t record the required observations on t	the previous twelve months. The permittee shall the Inspection Record Form provided by the					
		<ul> <li>activity, construction or redevelopment, permanent ground cover).</li> <li>2. Documentation that the required ground stabilization measures have been provided within the required timeframe or an assurance that they will be provided as soon as possible.</li> </ul>	Division or a similar inspection form t electronically-available records in lie shown to provide equal access and ut <b>3. Documentation to be Retained for Three</b>	that includes all the required elements. Use of ou of the required paper copies will be allowed if tility as the hard-copy records.	(b) Oil spills release of hazardous substances	and • per Item			
NOTE: The rair	n inspection reset	s the required 7 calendar day inspection requirement.	All data used to complete the e-NOI and a of three years after project completion an	all inspection records shall be maintained for a period nd made available upon request. [40 CFR 122.41]	(c) Anticipat	ted •			

### PART II, SECTION G, ITEM (4) DRAW DOWN OF SEDIMENT BASINS FOR MAINTENANCE OR CLOSE OUT

Sediment basins and traps that receive runoff from drainage areas of one acre or more shall use outlet structures that withdraw water from the surface when these devices need to be drawn down for maintenance or close out unless this is infeasible. The circumstances in which it is not feasible to withdraw water from the surface shall be rare (for example, times with extended cold weather). Non-surface withdrawals from sediment basins shall be allowed only when all of the following criteria have been met:

- (a) The E&SC plan authority has been provided with documentation of the non-surface withdrawal and the specific time periods or conditions in which it will occur. The non-surface withdrawal shall not commence until the E&SC plan authority has approved these items,
- (b) The non-surface withdrawal has been reported as an anticipated bypass in accordance with Part III, Section C, Item (2)(c) and (d) of this permit, (c) Dewatering discharges are treated with controls to minimize discharges of pollutants from stormwater that is removed from the sediment basin. Examples of appropriate controls include properly sited, designed and maintained dewatering tanks, weir tanks, and filtration systems,
- (d) Vegetated, upland areas of the sites or a properly designed stone pad is used to the extent feasible at the outlet of the dewatering treatment devices described in Item (c) above,
- (e) Velocity dissipation devices such as check dams, sediment traps, and riprap are provided at the discharge points of all dewatering devices, and
- (f) Sediment removed from the dewatering treatment devices described in Item (c) above is disposed of in a manner that does not cause deposition of sediment into waters of the United States.

# NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING

## hey are 25 gallo hey are less tha hey cause sheei hey are within eases of hazardo he Clean Water : 40 CFR 302.4) icipated bypass compliance wit ironment. ng Timeframes permittee beco ropriate Divisio quirements list d to the Depart Re ce e sediment n in a wetland lls and es per Item ove ated [40 CFR 122.41(m)(3)] (d) Unanticipated bypasses [40 CFR 122.41(m)(3)] (e) Noncompliance with the conditions of this permit that may endanger health or the environment[40 CFR 122.41(I)(7)]

PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING
ING
Must be Reported
eport the following occurrences:
ent deposition in a stream or wetland.
5 gallons or more,
ss than 25 gallons but cannot be cleaned up within 24 hours,
sheen on surface waters (regardless of volume), or
ithin 100 feet of surface waters (regardless of volume).
azardous substances in excess of reportable quantities under Section 311 Water Act (Ref: 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCLA 302.4) or G.S. 143-215.85.
ypasses and unanticipated bypasses.
ce with the conditions of this permit that may endanger health or the
ames and Other Requirements
becomes aware of an occurrence that must be reported, he shall contact Pivision regional office within the timeframes and in accordance with the Its listed below. Occurrences outside normal business hours may also be Repartment's Environmental Emergency Center personnel at (800)
Reporting Timeframes (After Discovery) and Other Requirements
Within 24 hours, an oral or electronic notification.
<ul> <li>Within 7 calendar days, a report that contains a description of the sediment and actions taken to address the cause of the deposition</li> </ul>
Division staff may waive the requirement for a written report on a
case-by-case basis. • If the stream is named on the NC 303(d) list as impaired for sediment-
related causes, the permittee may be required to perform additional
monitoring, inspections or apply more stringent practices if staff determine that additional requirements are needed to assure compliance
with the federal or state impaired-waters conditions.
Within 24 hours, an oral or electronic notification. The notification
shall include information about the date, time, nature, volume and location of the spill or release.
<ul> <li>A report at least ten days before the date of the bypass, if possible. The report shall include an evaluation of the anticipated quality and</li> </ul>
effect of the bypass.
<ul> <li>Within 24 hours, an oral or electronic notification.</li> <li>Within 7 calendar days, a report that includes an evaluation of the</li> </ul>
quality and effect of the bypass.
<ul> <li>Within 24 hours, an oral or electronic notification.</li> <li>Within 7 calendar days, a report that contains a description of the</li> </ul>
noncompliance, and its causes; the period of noncompliance,
including exact dates and times, and if the noncompliance has not been corrected, the anticipated time noncompliance is expected to
continue; and steps taken or planned to reduce, eliminate, and
prevent reoccurrence of the noncompliance. [40 CFR 122.41(l)(6).
<ul> <li>Division stan may waive the requirement for a written report on a case-by-case basis.</li> </ul>
NORTH CAROLINA Environmental Quality

	Bissell Professional Group Firm License # C-956	2512 North Croatan Highway 10. Box 1068 Kitty Hawk. North Carolina 27949	PROFESSIONAL GROUP (252) 261–3266 Fax (252) 261–1760	Engineers, Planners, Surveyors and Environmental Specialists
	ERUSION CONTROL - NCGUI		THIS DOCUMENT IS THE SOLE PROPERTY OF BPG, INC. OF KITTY Hawk North Caroi ina the reproduction in whoif for	PART, OR THE MODIFICATION OF ANY DETAIL OR DESIGN IS NOT TO BE MADE WITHOUT THE EXPRESS WRITTEN CONSENT OF MARK S. BISSELL, PRINCIPAL OF BPG, INC., COPYRIGHT 2022.
PROJECT:	PINNACLE STURAGE GRANDY	GRANDY TOWNSHIP CURRITUCK COUNTY NORTH CAROLINA		COMMERICAL SITE DEVELOPMENT PLAN
REVISIONS	DATE DESCRIPTION BY			
DATH DESIG	E T: 18 E T: 18 E T:	CA ESS SEA 05333 	59 59 skale AS CHECKE	SHOWN BDMK ED: BPG 19

### **GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH** THE NCG01 CONSTRUCTION GENERAL PERMIT

Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling sections of the NCG01 Construction General Permit (Sections E and F, respectively). The permittee shall comply with the Erosion and Sediment Control plan approved by the delegated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

SECTION E: GROUND STABILIZATION								
	Re	equired Ground Sta	bilization Timeframes					
Sit	te Area Description	Stabilize within th many calendar days after ceasing land disturbance	is Timeframe variations					
(a)	Perimeter dikes, swales, ditches, and perimeter slopes	7	None					
(b)	High Quality Water (HQW) Zones	7	None					
(c)	Slopes steeper than 3:1	7	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed					
(d)	Slopes 3:1 to 4:1	14	<ul> <li>-7 days for slopes greater than 50' in length and with slopes steeper than 4:1</li> <li>-7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones</li> <li>-10 days for Falls Lake Watershed</li> </ul>					
(e)	Areas with slopes flatter than 4:1	14	<ul> <li>-7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones</li> <li>-10 days for Falls Lake Watershed unless there is zero slope</li> </ul>					
pract activi surfa <b>GRO</b> Stabi	icable but in no case l ity. Temporary groun ce stable against acce UND STABILIZATION S lize the ground suffici	onger than 90 caler d stabilization shall lerated erosion unt SPECIFICATION ently so that rain w	ndar days after the last land disturbing be maintained in a manner to render the il permanent ground stabilization is achieved. ill not dislodge the soil. Use one of the					
techr	niques in the table bel	OW:	Denmen ent Stebilization					
<ul> <li>Temporary stabilization</li> <li>Temporary grass seed covered with straw or other mulches and tackifiers</li> <li>Hydroseeding</li> <li>Rolled erosion control products with or without temporary grass seed</li> <li>Appropriately applied straw or other mulch</li> <li>Plastic sheeting</li> <li>Shrubs or other permanent plantings covered with mulch</li> <li>Uniform and evenly distributed ground cover sufficient to restrain erosion</li> <li>Structural methods such as concrete, asphalt or retaining walls</li> <li>Rolled erosion control products with grass seed</li> </ul>								
<ol> <li>POLYACRYLAMIDES (PAMS) AND FLOCCULANTS         <ol> <li>Select flocculants that are appropriate for the soils being exposed during construction, selecting from the NC DWR List of Approved PAMS/Flocculants.</li> <li>Apply flocculants at or before the inlets to Erosion and Sediment Control Measures.</li> <li>Apply flocculants at the concentrations specified in the NC DWR List of Approved PAMS/Flocculants and in accordance with the manufacturer's instructions.</li> </ol> </li> <li>Provide ponding area for containment of treated Stormwater before discharging.</li> </ol>								
offsite.								

Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

#### EQUIPMENT AND VEHICLE MAINTENANCE

- 1. Maintain vehicles and equipment to prevent discharge of fluids.
- Provide drip pans under any stored equipment.
- 3. Identify leaks and repair as soon as feasible, or remove leaking equipment from the project.
- Collect all spent fluids, store in separate containers and properly dispose as 4. hazardous waste (recycle when possible).
- 5. Remove leaking vehicles and construction equipment from service until the problem has been corrected.
- 6. Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.

#### LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE

- 1. Never bury or burn waste. Place litter and debris in approved waste containers.
- 2. Provide a sufficient number and size of waste containers (e.g dumpster, trash receptacle) on site to contain construction and domestic wastes.
- 3. Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- 4. Locate waste containers on areas that do not receive substantial amounts of runoff from upland areas and does not drain directly to a storm drain, stream or wetland.
- 5. Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers.
- 6. Anchor all lightweight items in waste containers during times of high winds. Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
- 8. Dispose waste off-site at an approved disposal facility.
- On business days, clean up and dispose of waste in designated waste containers.

#### PAINT AND OTHER LIQUID WASTE

- 1. Do not dump paint and other liquid waste into storm drains, streams or wetlands.
- 2. Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- Contain liquid wastes in a controlled area.
- 4. Containment must be labeled, sized and placed appropriately for the needs of site.
- Prevent the discharge of soaps, solvents, detergents and other liquid wastes from construction sites.

#### **PORTABLE TOILETS**

- Install portable toilets on level ground, at least 50 feet away from storm drains, streams or wetlands unless there is no alternative reasonably available. If 50 foot offset is not attainable, provide relocation of portable toilet behind silt fence or place on a gravel pad and surround with sand bags.
- 2. Provide staking or anchoring of portable toilets during periods of high winds or in high foot traffic areas.
- 3. Monitor portable toilets for leaking and properly dispose of any leaked material. Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace with properly operating unit.

#### EARTHEN STOCKPILE MANAGEMENT

- 1. Show stockpile locations on plans. Locate earthen-material stockpile areas at least 50 feet away from storm drain inlets, sediment basins, perimeter sediment controls and surface waters unless it can be shown no other alternatives are reasonably available.
- 2. Protect stockpile with silt fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile.
- 3. Provide stable stone access point when feasible.
- 4. Stabilize stockpile within the timeframes provided on this sheet and in accordance with the approved plan and any additional requirements. Soil stabilization is defined as vegetative, physical or chemical coverage techniques that will restrain accelerated erosion on disturbed soils for temporary or permanent control needs.

![](_page_18_Picture_36.jpeg)

CIBNCRETE NOTING DEVICE (18*X24* HIN)
PLAN.
BELOW GRADE

#### CONCRETE WASHOUTS

- and state solid waste regulations and at an approved facility. 3. Manage washout from mortar mixers in accordance with the above item and in addition place the mixer and associated materials on impervious barrier and within lot perimeter silt fence.
- Install temporary concrete washouts per local requirements, where applicable. If an alternate method or product is to be used, contact your approval authority for review and approval. If local standard details are not available, use one of the two types of temporary concrete washouts provided on this detail.
- Do not use concrete washouts for dewatering or storing defective curb or sidewalk sections. Stormwater accumulated within the washout may not be pumped into or discharged to the storm drain system or receiving surface waters. Liquid waste must be pumped out and removed from project.
- 6. Locate washouts at least 50 feet from storm drain inlets and surface waters unless it can be shown that no other alternatives are reasonably available. At a minimum, install protection of storm drain inlet(s) closest to the washout which could receive spills or overflow.
- Locate washouts in an easily accessible area, on level ground and install a stone entrance pad in front of the washout. Additional controls may be required by the approving authority.
- 8. Install at least one sign directing concrete trucks to the washout within the project limits. Post signage on the washout itself to identify this location.
- 9. Remove leavings from the washout when at approximately 75% capacity to limit overflow events. Replace the tarp, sand bags or other temporary structural components when no longer functional. When utilizing alternative or proprietary products, follow manufacturer's instructions.
- 10. At the completion of the concrete work, remove remaining leavings and dispose of in an approved disposal facility. Fill pit, if applicable, and stabilize any disturbance caused by removal of washout.

### HERBICIDES, PESTICIDES AND RODENTICIDES

- restrictions.
- accidental poisoning.

#### HAZARDOUS AND TOXIC WASTE

- Create designated hazardous waste collection areas on-site. Place hazardous waste containers under cover or in secondary containment. Do not store hazardous chemicals, drums or bagged materials directly on the ground.

## NCG01 GROUND STABILIZATION AND MATERIALS HANDLING

![](_page_18_Figure_58.jpeg)

1. Do not discharge concrete or cement slurry from the site.

Dispose of, or recycle settled, hardened concrete residue in accordance with local

Store and apply herbicides, pesticides and rodenticides in accordance with label

Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, ingredients and first aid steps in case of

Do not store herbicides, pesticides and rodenticides in areas where flooding is possible or where they may spill or leak into wells, stormwater drains, ground water or surface water. If a spill occurs, clean area immediately. Do not stockpile these materials onsite.

## EFFECTIVE: 04/01/19

Bissell Professional Group Firm License # C-956	3512 North Croatan Highway P.O. Box 1068 Kitty Hawk, North Carolina 27949	PROFESSIONAL GROUP [252] 261–3266 Engineers, Planners, Surveyors and Environmental Specialists
EROSION CONTROL - NCG01 STADILIZATION & MATEDIALS	HANDLING	THIS DOCUMENT IS THE SOLE PROPERTY OF BPG, INC. OF KITTY HAWK, NORTH CAROLINA. THE REPRODUCTION, IN WHOLE OR PART, OR THE MODIFICATION OF ANY DETAIL OR DESIGN IS NOT TO BE MADE WITHOUT THE EXPRESS WRITTEN CONSENT OF MARK S. BISSELL, PRINCIPAL OF BPG, INC., COPYRIGHT 2022.
PINNACLE STORAGE GRANDY	GRANDY TOWNSHIP CURRITUCK COUNTY NORTH CAROLINA	COMMERICAL SITE DEVELOPMENT PLAN
NO. DATE DESCRIPTION BY		
ATE: 19	SEAL SEAL OGINE GINE OGAN	soale: AS SHOWN CHECKED: DMK APPROVED: BPG 19

![](_page_19_Figure_0.jpeg)

The Plans and Specifications and any contents of any documents or information embodied therein or relating thereto shall not to be used, reproduced or copied, in whole or in part, without the prior, written permission of Cothran Harris Architecture and RHD.

![](_page_19_Figure_3.jpeg)

A2.18	3/32"

A2.1 © 2023 CHA ALL RIGHTS RESERVED

![](_page_20_Figure_0.jpeg)

The Plans and Specifications and any contents of any documents or information embodied therein or relating thereto shall not to be used, reproduced or copied, in whole or in part, without the prior, written permission of Cothran Harris Architecture and RHD.

![](_page_20_Figure_3.jpeg)

A2.18	3/32"

© 2023 CHA ALL RIGHTS RESERVED

A2.1

![](_page_21_Figure_0.jpeg)

![](_page_21_Figure_1.jpeg)

20-0" High Parapet 18-0" 9-6" Low Parapet 18-0" 18-0		$\times$													) 3
20-0" High. Parapet 13-0" Med Parapet 13-0" Low Parapet 9-6" Low Eave 9-6" T.O. Slab 0-0" T.O. Slab 0-0" T.O. Slab 0-0" T.O. Slab		5'-0"	5'-0"	5'-1"	5'-0"	5'-0"	5'-0"	5'-1"	5'-0"	5'-0"	5'-0"	5'-0"	5'-1"	5'-0"	
20'-0" High. Parapet 18'-0" Med Parapet 17'-0" Low Parapet 10'-0" 1.0. Slab 0'-0" T.O. Slab 0'-0" 1.0. Slab															]
20-0" High. Parapet 18-0" Med Parapet 17-0" Low Parapet 10-0" 10															
20-0"     9-6"     22'-0"     18-0"       Med Parapet     17-0"     1000000000000000000000000000000000000															
20-0" High. Parapet 18-0" Med Parapet 10-0" Low Parapet 0-0" 1.0. Slab 4-0" 6-0" 2.0 6-0" 2.0 6-0" 2.0 6-0" 9-4" 20-0" 4						20									
High. Parapet 18-0" Med Parapet 17-0" Low Parapet 9-6" Low Eave 9-6" Low Eave 0-0" T.O. Slab 4-0" 6-0" 2-0" 6-0" 2-0" 6-0" 2-0" 6-0" 2-0" 6-0" 2-0" 9-4" 20-0" 2-0 2-0 2-0 2-0 2-0 2-0 2-0 2-0	20'-0"					Å3.									1
Med Parapet         17-0"         Low Parapet         9-6"         Low Eave         9-6"         17.0. Slab         4'-0"         6'-0"         30'-8"         9         17.0. Slab	High. Parapet		4										 		
Low Parapet 9'-6" Low Eave 0'-0" T.O. Slab 4'-0" 6'-0" 2'-0" 6'-0" 2'-0" 6'-0" 2'-0" 6'-0" 2'-0" 6'-0" 2'-0" 6'-0" 2'-0" 6'-0" 2'-0" 6'-0" 2'-0" 6'-0" 9'-4" 20'-0" 4'-0" 4'-0" 49'-4"	Med Parapet						-								
9'-6" Low Eave 0'-0" T.O. Slab 4'-0" 6'-0" 2'-0" 6'-0" 9'-4" 20'-0" 4'-0" 35'-4" 4'-0" 6'-0" 2'-0" 6'-0" 9'-4" 20'-0" 4'-0"	Low Parapet		- <mark>-</mark> 9	22'- Canopy	0" Edge										
9-0     29-4"       0'-0"     8       0'-0"     8       4'-0"     6'-0"     2'-0"       35'-4"     20'-0"	0' 6"		-4"							slope	1:40 (beyo	ond)	_ + + + <del>, +</del> + + +	S S S S S S S S S S S S S S	
0'-0"     1     29'-4"     29'-4"       1     1     1     1 <tr< td=""><td>• Low Eave</td><td></td><td></td><td></td><td><u></u></td><td><u>+ + +</u>   </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>3'-4"</td><td></td></tr<>	• Low Eave				<u></u>	<u>+ + +</u> 								3'-4"	
0'-0"     B		Base		30'	-8"			13-4		29'-	·4"	,			
0'-0"     35'-4"		9'	B	В		B							8		
4'-0"       6'-0"       2'-0"       6'-0"       9'-4"       20'-0"       4'-0"         35'-4"       49'-4"	<u>0'-0"</u>	Ö													
35'-4"	T.O. Slab	4'-0"	6'-0" 2	'-0" 6'-0	)" 2'-0"	6'-0"	9'.	-4"		20'-	·0"	1,1,1,1,1,1,1,1,1,1,1	4'-0"	<del>,,,,,,,,,</del> ,,,,,,,,,,,,,,,,,,,,,,,,,,,	-
		+ +	Ţ	•	35'-4"		•	•	•			•	49'-4	4"	
		+						•						-	

Owner acknowledges and agrees that Robert High Development, LLC (RHD) [and its irchitect Cothran Harris Architecture and engineers] have retained all ownership and other rights, title and interests in and to all conceptual, working and final drawings, lans and specifications (collectively, Plans and Specifications) relating to the Project including without limitation architectural and engineering drawings, plans and pecifications), and any and all of its proprietary rights embodied therein or related hereto. Except in connection with the construction, ownership, operation and neargement of the Project by Owner this Agreement shall not grant Owner any yested agement of the Project by Owner, this Agreement shall not grant Owner any vested t, title or interest in or to any of the Plans and Specifications or any patents (issued or ding), trademarks, service marks, trade names, copyrights, licenses, licensed or her proprietary rights of RHD or any such rights granted by third parties or othe The Plans and Specifications and any contents of any documents or information embodied therein or relating thereto shall not to be used, reproduced or copied, in whole or in part, without the prior, written permission of Cothran Harris Architecture and RHD.

![](_page_21_Figure_4.jpeg)

![](_page_21_Figure_5.jpeg)

![](_page_21_Figure_6.jpeg)

- Metal coping "Light Stone" 2 Courses of Soldier Brick veneer, Palmetto Brick
 "Whitestone"

- Soldier Brick Course, Palmetto

- Light fixture, See plans for

- Brick veneer, Palmetto Brick

Roll up metal garage doors, Double sliding loading doors MBCI PBR, installed vertically, Signature200 "Light Stone" typical at entry alcoves

SE 1 SE 1 ENT ENT HWAY Y, NC

CURRITUCK BLDG SELF-STORAGE-PHAS ROBERT HIGH DEVELOPME **PINNACLE** 

> 7IC 202 SCHEMAT JUNE 21, 3

ΔM

ELEVATIONS

BUILDING

© 2023 CHA ALL RIGHTS RESERVED

	10'-0"	2) (	3 (	4 5	(	6 (10'-0"	7 (8	) (	9 (1	10 (1	1) (12
	::_		 + +			+ +			 		_ · · + _ · · +
ĺ											
-		<mark>28'-10"</mark>				<mark>60'-</mark>	0"				
	14'-0"		30'-	0"		30'-	0"		30'-	0"	
		I									

#### PALMETTO BRICK

Material Legend

Metal coping, gutters, downspouts - "Light Stone"

MBCI FW120-2 Metal Panel Signature200 - "Light Stone"

Standing seam metal awnings- MBCI Signature 200 "Burnished Slate"

Exterior roll-up doors -"Fern Green"

![](_page_22_Figure_2.jpeg)

![](_page_22_Figure_3.jpeg)

![](_page_22_Figure_5.jpeg)

Owner acknowledges and agrees that Robert High Development, LLC (RHD) [and its irchitect Cothran Harris Architecture and engineers] have retained all ownership and other rights, title and interests in and to all conceptual, working and final drawings, lans and specifications (collectively, Plans and Specifications) relating to the Project including without limitation architectural and engineering drawings, plans and pecifications), and any and all of its proprietary rights embodied therein or related hereto. Except in connection with the construction, ownership, operation and engagement of the Brisisch Wourer this Agroament shell ned grant Querge any used do agement of the Project by Owner, this Agreement shall not grant Owner any vested t, title or interest in or to any of the Plans and Specifications or any patents (issued or ding), trademarks, service marks, trade names, copyrights, licenses, licensed or her proprietary rights of RHD or any such rights granted by third parties or othe ofessionals to RHD. The Plans and Specifications and any contents of any documents or information embodied therein or relating thereto shall not to be used, reproduced or copied, in whole or in part, without the prior, written permission of Cothran Harris Architecture and RHD.

![](_page_22_Figure_7.jpeg)

### **OVERALL SOUTH ELEVATION**

A2.22

1/16″

WEST ELEVATION 

1/8″

A2.28

Inc. for s - Roll up r "Fern Green", typical

 Double sliding loading doors - MBCI PBR, installed vertically, Signature200 "Light Stone"

typical at entry alcoves

- Pier and header system, "Light Stone". See Storage Structures Inc. for sizes and dimensions.	
- Roll up metal garage doors, "Fern Green", typical	

30'-1"

k Bri Park	ck veneer, Red Wirec	, Palmetto cut"						
)"	5'-0"	5'-1"	5'-0"	5'-0"	5'-0"	5'-1"	5'-0"	5'-0"

>  $\times$ 

10'-7"

— — I — — · — I · — · — · - I — · — I — — I

- Light fixture, See plans for - Soldier Brick Course, Palmetto Brick "Whitestone" - Brick veneer, Palmetto Brick "Dark Red Wirecut"

- Metal coping "Light stone" - 2 Courses of Soldier Brick veneer, Palmetto Brick "Whitestone"

				A2.25
" (	33 34 35 10'-0" 10'-0" 10'-0"	36 (37) ( 10'-0" 10'-0"	38     39     40     41       10'-0"     10'-0"     10'-0"	
			· · · · · · · · · · · · · · · · · · ·	· · ·
		40'-0"	26'-8"	
	30'-0"	20'-2"	31'-4"	ı
			<u> </u>	

![](_page_22_Picture_22.jpeg)

**4 I N** 

CURRITUCK BLDG SELF-STORAGE-PHAS ROBERT HIGH DEVELOPME Щ CL PINNA

20 20 MA<sup>.</sup> 21, SC

A2.2

© 2023 CHA ALL RIGHTS RESERVED

ELEVATIONS BUILDING