

Sacred Symmetries Syndicate

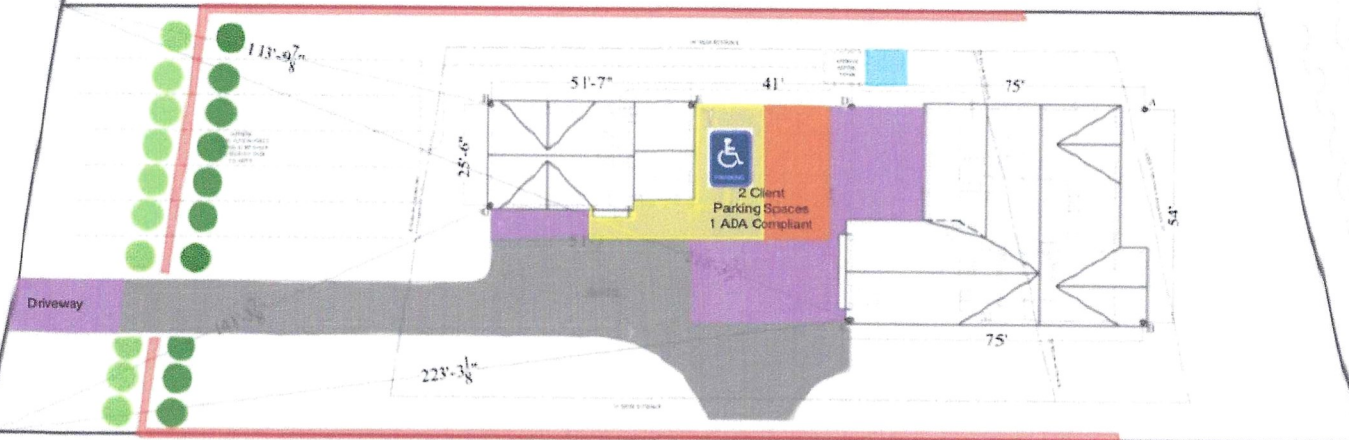
3593 CARATOKE HWY

MAPLE, NC, 27956

Parcel ID: 005900000640000
 Zone: Residential & General Business
 Private Appointment Only
 Tattoo Studio
 Hours of Operation
 Monday - Saturday: 10am - 6pm
 Sunday: 12pm - 6pm
 No Minors, No Walk-ins

Property Owners:
 Mitchell Baer, Lisa Marie Baer
 Richard Baer, April Baer
 115 Trevor Way
 Moyock, NC 27958
 757-777-8677
 info@mitchbtattoos.com

CARATOKE HWY



Legend

Designated Parking	ADA Parking	Backflow System	Concrete
ADA Pathway	Shrubs	Gravel	
Canopy Trees			
Opaque Fence 6'			

SITE PLAN NOTES
 SEE SURVEY FROM BISSELL FOR CLARITY. THIS SITE PLAN IS FOR PLANNING PURPOSES.

Sqft of Lot: 32,524
 Imperial Lot Coverage
 Studio Only: 1,274 sqft (4%)
 House Only: 3,146 sqft (10%)
 Studio & House: 4,420 sqft (14%)

ARCHITECTURAL SITE PLAN
 SCALE: 1"=15'

2 fire hydrants within 500 Feet

Coastal Carolina Designs
 OWNER: Gary DeHaven
 PHONE: 252-338-3462

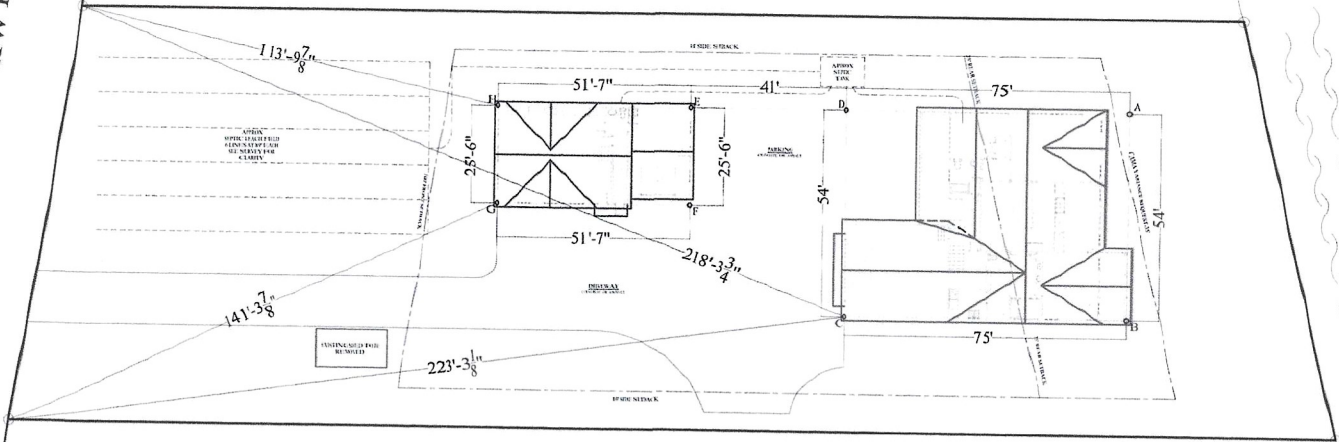
THE HOME OF:
MITCHELL & LISA BAER
 3593 CARATOKE HWY,
 MAPLE, NORTH CAROLINA, 27956

DATE: 6/9/2026
 FINAL
 REVISED 2
1
 SCALE: 1/4"=1'-0"

MITCHELL & LISA BAER RESIDENCE
 3593 CARATOKE HWY
 MAPLE, NC, 27956

CARATOKE HWY

SOFT OF LOT:
 32,524 SF



SITE PLAN NOTES

SEE SURVEY FROM BISSELL
 FOR CLARITY. THIS SITE PLAN
 IS FOR PLANNING PURPOSES.

ARCHITECTURAL SITE PLAN
 SCALE: 1"=15'

Coastal Carolina
Designs

OWNER
 Gary DeBritto

PHONE
 252.339.7442

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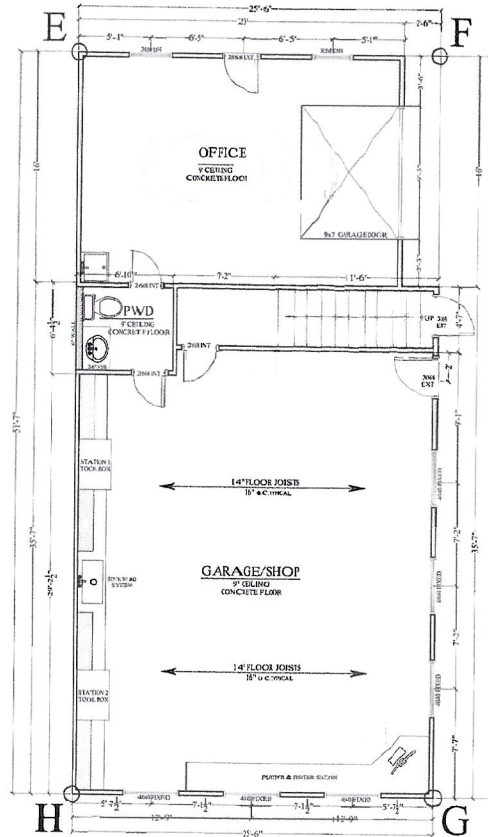
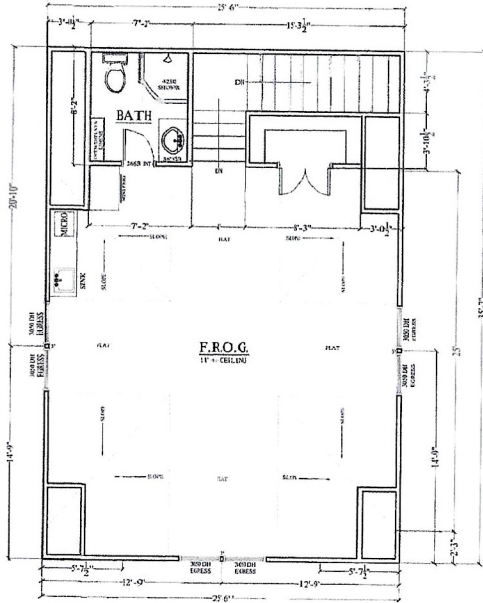
DATE: 6/9/2026

FINAL
 REVISED 2

1

SCALE:
 1/4"=1'-0"

SQUARE FOOTAGES	
GARAGE/SHOP HEATED	523.5
SHOP HEATED	22.5
F.R.O.G HEATED	771.5



**Coastal Carolina
Designs**

OWNER
Gary DeBrito

PHONE
252-339-7442

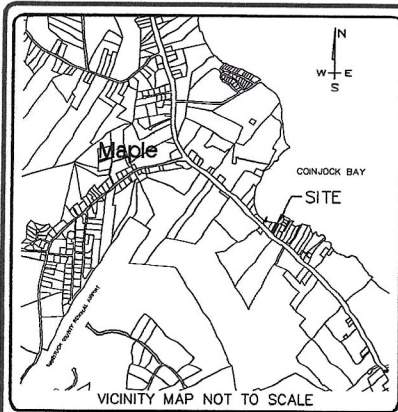
THE HOME OF:
MITCHELL & LISA BAER
3593 CARATOKE HWY,
MAPLE, NORTH CAROLINA, 27956

DATE: 6/9/2026

FINAL
REVISED 2

2

SCALE:
1/4" = 1'-0"



- GENERAL NOTES:**
1. AREA DETERMINED BY COORDINATE METHOD.
 2. IRON PINS AT ALL LOT CORNERS UNLESS OTHERWISE NOTED HEREON.
 3. ELEVATIONS ARE NAVD83 DATUM.
 4. UNDERGROUND UTILITIES, IF ANY, WERE NOT LOCATED BY THIS SURVEY. FURTHER EVALUATION MAY BE REQUIRED.
 5. THIS SURVEY IS SUBJECT TO ANY FACTS THAT MAY BE DISCLOSED BY A FULL AND ACCURATE TITLE SEARCH.
 6. SUBJECT PROPERTY IS LOCATED IN F.I.R.M. ZONE AS SHOWN. REFERENCE F.I.R.M. PANEL # 3720898800K, EFFECTIVE DATE: DECEMBER 21, 2018. (SUBJECT TO CHANGE BY F.E.M.A.)
 7. PARCEL ID NO.: 00590000040000
 8. RECORDED REFERENCE: D.B. 1789, PG. 308
 9. PROPERTY OWNER(S): MITCHELL LISA, RICHARD & APRIL BAER
 10. PROPERTY ADDRESS: 3593 CARATOKE HWY.
 11. LOT COVERAGE:

PARCEL AREA:	32,524 SF
PROPOSED PRIMARY STRUCTURE UNDER ROOF:	3,400 SF
PROPOSED ACCESSORY STRUCTURE UNDER ROOF:	1,308 SF
PROPOSED CONCRETE DRIVEWAY & PARKING:	4,023 SF
PROPOSED MASONRY STEPS:	60 SF
TOTAL PROPOSED COVERAGE:	8,791 SF
PERCENT LOT COVERAGE:	27.03%
 12. CAMA AEC COVERAGE:

LOT AREA WITHIN AEC:	7,651 SF
PROPOSED PRIMARY STRUCTURE UNDER ROOF:	1,541 SF
PROPOSED MASONRY STEPS:	36 SF
PROPOSED WOOD STEPS:	23 SF
TOTAL PROPOSED COVERAGE WITHIN AEC:	1,600 SF
PERCENT AEC COVERAGE:	20.91%

STORMWATER CALCULATIONS:
 THE FOLLOWING CALCULATIONS ARE PERFORMED IN ACCORDANCE WITH CHAPTER 2.3 OF THE CURRITUCK COUNTY STORMWATER MANUAL.

- PROPOSED IMPERVIOUS COVERAGE = 8,791 SF (SEE GENERAL NOTE 11)
- STORMWATER STORAGE REQUIRED = 8,791 SF * 4 IN * (1 FT/12 IN) = **2,930 CF**
- VOLUME PROVIDED BY STORMWATER MEASURES =

OPEN STORAGE VOLUME CALCULATION

SCM	OVERFLOW ELEV.	BOTTOM ELEV.	DEPTH	SIDE SLOPE	TOP AREA	BOTTOM AREA	STORAGE VOLUME
A	3.33'	2.25'	1.08'	3:1	1,371 SF±	885 SF±	1,218 CF±
B	3.33'	2.25'	1.08'	3:1	871 SF±	300 SF±	632 CF±

SWALE	OVERFLOW ELEV.	BOTTOM ELEV.	DEPTH	SIDE SLOPE	SECTION AREA	LENGTH	STORAGE VOLUME
C	3.33'	2.41'	0.92'	3:1	2.54 SF±	240 LF±	610 CF±
D	3.33'	2.41'	0.92'	3:1	2.54 SF±	210 LF±	533 CF±

TOTAL STORAGE VOLUME PROVIDED = **2,993 CF±**

DRAWDOWN

$T = FS \frac{(D+1/2)(K+SA)}{(K+SA)}$ (NCDEQ)
 $SA = 1,185$ SF, INFILTRATION AREA [TOTAL SCM BOTTOM AREA]
 $FS = 2$, FACTOR OF SAFETY
 $DV = 2,930$ CF, DESIGN VOLUME
 $K = 2$ IN/HR, HYDRAULIC CONDUCTIVITY
 $T =$ ESTIMATED DEWATERING TIME
 $T = 2 \frac{(2,930)(1/2)}{(2)(1,185)} = 30$ HOURS < 72 HOURS

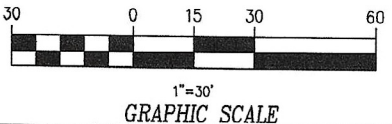
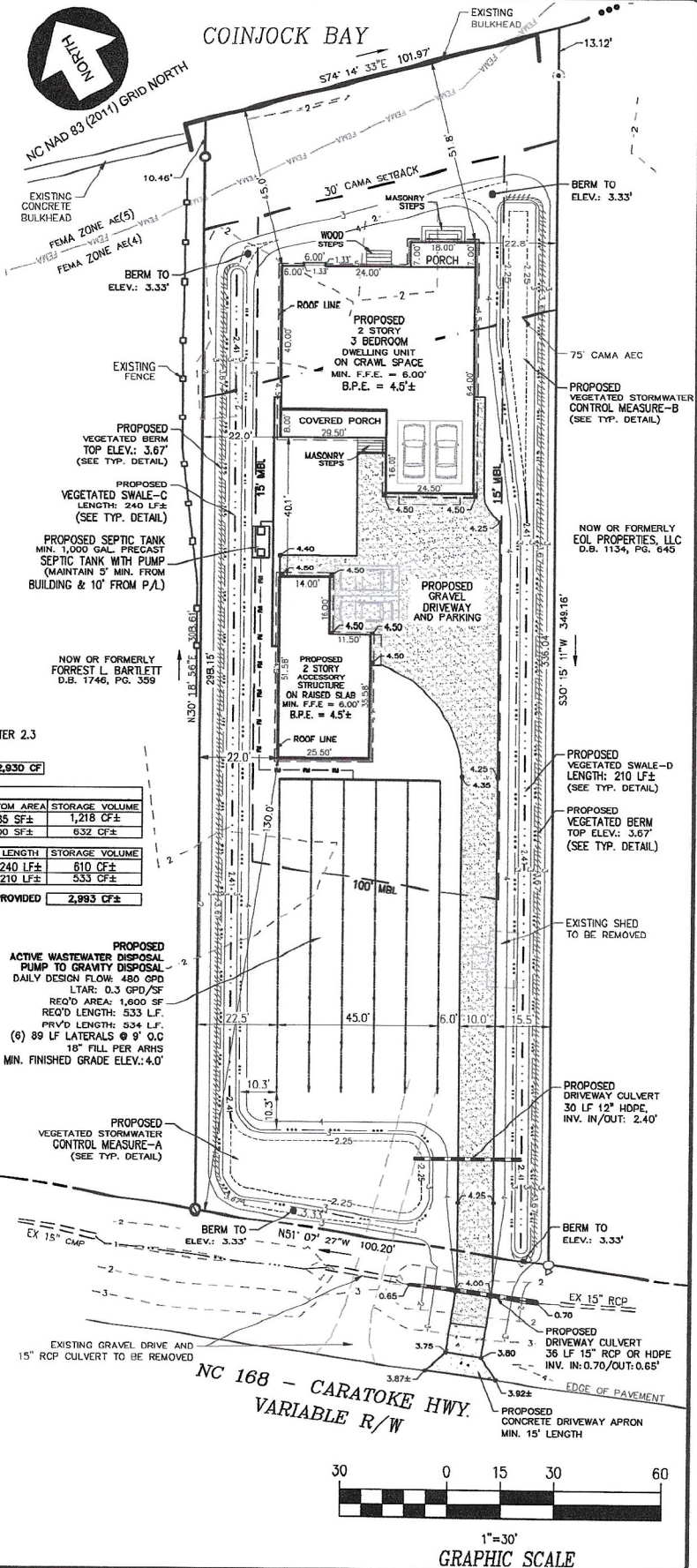
***SOILS**
 THE NRCS SOIL SURVEY DESCRIBES THE SITE AS HAVING MUNDEN LOAMY SAND W/ AN INFILTRATION RATE OF 2 INCHES/HOUR
 A SITE EVALUATION PERFORMED BY ARHS SPECIFICS 18" OF SAND FILL FOR THE DEVELOPMENT'S WASTEWATER DISPOSAL SYSTEM. BASED ON THIS CONDITION, THE SHWT EXPECTED TO BE 18" BELOW EX. GRADE

LEGEND	SYMBOL	DESCRIPTION
---	---	= RIGHT OF WAY
---	---	= PROPERTY BOUNDARY
---	---	= ADJACENT PROPERTY LINE
---	---	= EXISTING GRADE CONTOUR
---	---	= PROPOSED GRADE CONTOUR
---	---	= TOP OF BANK
---	---	= PROPOSED WW DISPOSAL LINE
---	---	= PROPOSED WW CONVEYANCE
---	---	= PROPOSED WW FORCE MAIN
---	---	= PROPOSED STORMWATER PIPE
---	---	= PROPOSED VEGETATED SWALE
---	---	= PROPOSED SPOT ELEVATION
---	---	= EXISTING SPOT ELEVATION
---	---	= PROPOSED CONCRETE SURFACE

SURVEYOR'S CERTIFICATION
 I, Michael D. Borr, certify that this plot was drawn under my supervision from an actual survey made under my supervision (deed and description recorded in Books referenced); that the boundaries not surveyed are clearly indicated as drawn from information found in Books referenced; that the ratio of precision or positional accuracy is 1:10,000; and that this map meets the requirements of The Standards of Practice for Land Surveying in North Carolina (21 NCAC 56.1600)."

Witness my original signature, registration number and seal this 29th day of APRIL, A.D. 2026.

PRELIMINARY
 FOR REVIEW PURPOSES ONLY L-1756
 Professional Land Surveyor



DATE	SCALE	NO.	DATE	DESCRIPTION	BY
02-05-26	1"=30'	1.	4/28/26	DRIVE, STORM, GRADE	DMK

PROJECT: **BAER RESIDENCE**

CRAWFORD TWPSP CURRITUCK COUNTY NORTH CAROLINA

PROPOSED SITE DEVELOPMENT PLAN

BAER RESIDENCE

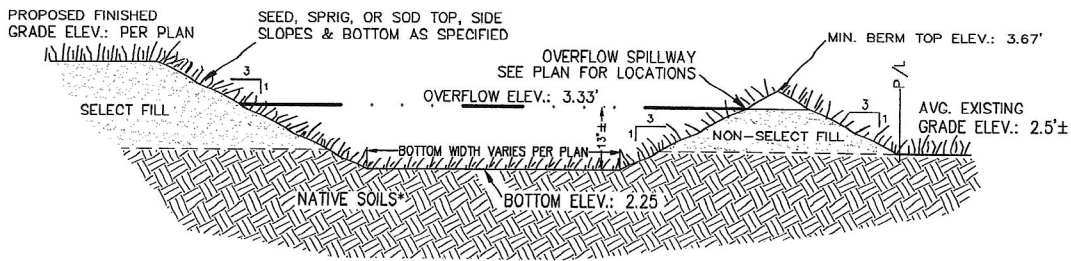
CRAWFORD TWPSP CURRITUCK COUNTY NORTH CAROLINA

PROPOSED SITE DEVELOPMENT PLAN

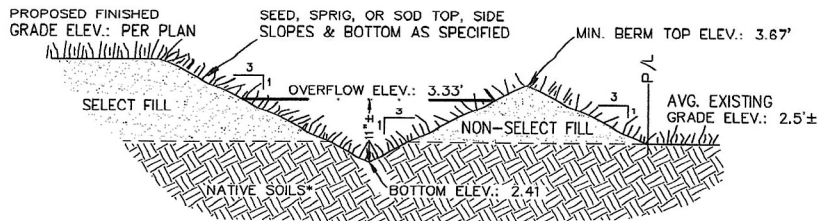
BISSELL Bissell Professional Group
 3512 North Croatan Highway
 P.O. Box 1088
 Kitty Hawk, North Carolina 27949
 (252) 281-3366
 FAX (252) 281-1780

Engineers, Planners, Surveyors and Environmental Specialists

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TYPICAL VEGETATED STORMWATER CONTROL MEASURE & OVERFLOW BERM SECTION
NOT TO SCALE SECTION VIEW



TYPICAL VEGETATED SWALE & BERM SECTION
NOT TO SCALE SECTION VIEW

SEEDING AND SITE STABILIZATION SPECIFICATIONS

PERMANENT VEGETATION SHALL BE ESTABLISHED WITHIN THE LIMITS OF ALL DISTURBED AREAS AS TO THE SPECIFICATIONS DESCRIBED BELOW OR AN APPROVED EQUAL.

A. FERTILIZER: APPLY 3,000 LB/ACRE GROUND AGRICULTURE LIMESTONE AND 500 LB/ACRE 10-10-10 FERTILIZER. TOP DRESS W/ 50 LB/ACRE NITROGEN.

B. MULCH: APPLY 4,000 LB/ACRE STRAW. ANCHOR STRAW BY TACKING W/ ASPHALT, NETTING, OR A MULCH ANCHORING TOOL.

C. SEEDING/SODDING:

1. TEMPORARY VEGETATION: IF TEMPORARY SEEDING OCCURS DURING WINTER, EARLY SPRING, OR FALL, APPLY 120 LB/ACRE RYE GRAIN. IF TEMPORARY SEEDING OCCURS DURING SUMMER, APPLY 40 LB/ACRE CENTIPEEDGRASS. TEMPORARY VEGETATION CANNOT BE APPLIED WITHIN 15 WORKING DAYS OF LAND DISTURBING ACTIVITY.
2. PERMANENT VEGETATION: APPLY COASTAL MIX CONSISTING OF 50 LB/PENSACOLA BAHIA GRASS, AND 10 LB/ACRE GERMAN MILLET. APPLY PERMANENT SEEDING BETWEEN APRIL 1 AND JULY 15. REFERTILIZE THE FOLLOWING APRIL WITH 50 LB/ACRE NITROGEN.
3. SODDING: PERMANENT VEGETATION-SELECT COMPATIBLE SPECIES TO PERMANENT SEEDED TYPE; INSTALL WITH LONGEST DIMENSION PERPENDICULAR TO THE SLOPE AND STAPLE IF NECESSARY; ROLL SOD IMMEDIATELY AND WATER TO 4".

STORMWATER OPERATION AND MAINTENANCE PLAN NOTES

- A. DURING CONSTRUCTION, EROSION SHALL BE KEPT TO A MINIMUM AND ANY ERODED AREAS SHALL BE REPAIRED IMMEDIATELY.
- B. ALL DISTURBED AREAS SHALL BE SEEDED AND STABILIZED PURSUANT TO THE SPECIFICATIONS PROVIDED THIS SHEET.
- C. THE FOLLOWING OPERATION & MAINTENANCE MEASURES SHALL BE PERFORMED ON ALL STORMWATER MANAGEMENT MEASURES FOR OPTIMUM EFFICIENCY OF THE STORMWATER MANAGEMENT SYSTEM. THIS INCLUDES THE ROOF CUTTER SYSTEM, PERIMETER SUBSURFACE CONVEYANCE PIPE SYSTEM, STORMWATER CHAMBER FIELDS AND RETENTION AREA BMP.
 1. SYSTEM INSPECTIONS- AT LEAST (1) EVERY 6 MONTHS OR AFTER ANY SIGNIFICANT RAINFALL EVENT.
 2. SEDIMENT ACCUMULATION AND TRASH/DEBRIS REMOVAL - AT LEAST (1) EVERY 6 MONTHS OR AFTER ANY SIGNIFICANT RAINFALL.
 3. IMMEDIATELY REPAIR ANY SYSTEM COMPONENTS THAT ARE DAMAGED OR ARE NOT FUNCTIONING AS INTENDED.
 4. IMMEDIATELY REPAIR ANY ERODED AREAS/SIDE SLOPES AND REVEGETATE AS NECESSARY. PROVIDE ADDITIONAL EROSION PROTECTION SUCH AS REINFORCED TURF MATTING OR RIPRAP AS NEEDED TO PREVENT CONTINUED PROBLEMS.
 5. THE VEGETATION IN AND AROUND THE STORMWATER RETENTION AREA SHALL BE MAINTAINED AT A HEIGHT OF APPROXIMATELY SIX INCHES.
 6. RECORDS OF OPERATION AND MAINTENANCE SHALL BE KEPT.

PRELIMINARY
FOR REVIEW PURPOSES ONLY

2026-003	DATE: 02-05-26	SCALE: 1"=30'	REVISIONS		PROJECT: BAER RESIDENCE	<p>Bissell Professional Group Firm License # C-956 3519 North Croatan Highway P.O. Box 1088 Kitty Hawk, North Carolina 27949 6107, 261-2206 FAX (252) 261-1760</p> <p>Engineers, Planners, Surveyors and Environmental Specialists</p> <p>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, President of BPG, Inc. Copyright 2003</p>	
	DESIGNED: MGB	DRAWN: MGB	NO.	DATE	DESCRIPTION		BY
	APPROVED: MGB/DMK	DATE: 1/14/25/26	DETAILS				
	CAD FILE: 2026-003LS2						
SHEET: 2 of 2					CRAWFORD TWPSP CURRITUCK COUNTY NORTH CAROLINA	PROPOSED SITE DEVELOPMENT PLAN	